

SAVANNAH ARTS ACADEMY ADDITION & RENOVATION

SAVANNAH CHATHAM COUNTY PUBLIC SCHOOL SYSTEM BOARD OF EDUCATION
SAVANNAH, GEORGIA 31405

ARCH. PROJECT NO. 1916
BID NO. C22-01

ARCHITECTS:	COGDELL & MENDRALA ARCHITECTS, PC
CIVIL ENGINEERS:	MAXWELL-REDDICK & ASSOCIATES, INC.
LANDSCAPE ARCHITECT:	MANDEL DESIGN, LLC
STRUCTURAL ENGINEER:	SAUSSY ENGINEERING
M.E.P.F. ENGINEER:	DULOHERY WEEKS, INC.
FOOD SERVICE CONSULTING:	CAMACHO ASSOCIATES
ACOUSTICS / A/V:	JAMES BRAWLEY & ASSOCIATES



GMP CONSTRUCTION DOCUMENTS VOLUME II - SAVANNAH ARTS ACADEMY ADDITION

FIRE MARSHAL CERTIFICATION:

THE LOCAL FIRE OFFICIAL HAVING JURISDICTION HAS REVIEWED AND APPROVED A SET OF DOCUMENTS IDENTICAL TO THIS SET OF DOCUMENTS ON _____ DATE _____

A CONSTRUCTION PERMIT WILL BE ISSUED TO THE CONTRACTOR AT THE START OF CONSTRUCTION.

SIGNED: _____ DESIGN PROFESSIONAL _____

SCHEDULE OF DRAWINGS:

LIST OF DRAWINGS - CIVIL

- C0.0 COVER SHEET
- C1.0 EXISTING SITE CONDITIONS
- C1.1 SITE DEMOLITION PLAN
- C2.0 PROPOSED SITE LAYOUT
- C2.1 FIRE ACCESS PLAN
- C3.0 INITIAL SOIL EROSION CONTROL PLAN
- C3.1 INTERMEDIATE SOIL EROSION CONTROL PLAN
- C3.2 FINAL EROSION CONTROL PLAN
- C3.3 SOIL EROSION CONTROL NOTES
- C3.4 NPDES PLAN
- C3.5 SOIL EROSION CONTROL DETAILS - 1
- C3.6 SOIL EROSION CONTROL DETAILS - 2
- C3.7 SOIL EROSION CONTROL DETAILS - 3
- C4.0 GRADING PLAN - A
- C4.1 GRADING PLAN - B
- C4.2 GRADING DETAIL
- C5.0 STORM DRAINAGE PLAN
- C5.1 STORM DRAINAGE PLAN & PROFILE - 1
- C5.2 STORM DRAINAGE PLAN & PROFILE - 2
- C5.3 STORM DRAINAGE PLAN & PROFILE - 3
- C5.4 STORMWATER PIPE CALCULATION
- C5.5 STORMWATER INFILTRATION TRENCH DETAIL
- C6.0 SANITARY SEWER PLAN & PROFILE
- C7.0 WATER DISTRIBUTION PLAN
- C8.0 SITE DETAILS - 1
- C8.1 SITE DETAILS - 2
- C8.2 SITE DETAILS - 3
- C8.3 SITE DETAILS - 4
- C8.4 SITE DETAILS - 5
- C8.5 SITE DETAILS - 6
- C8.6 SITE DETAILS - 7
- C8.7 SITE DETAILS - 8

LIST OF DRAWINGS - LANDSCAPE

- L1.0 PLANTING PLAN

LIST OF DRAWINGS - STRUCTURAL

- S0.01 STRUCTURAL NOTES
- S0.02 COMPONENTS AND CLADDING WIND PRESSURES
- S1.00 FOUNDATION PLAN

LIST OF DRAWINGS - STRUCTURAL

- S1.01 FOUNDATION SECTIONS
- S2.00 ROOF FRAMING PLAN
- S2.01 ROOF FRAMING SECTIONS
- S3.00 COLUMN AND FOUNDATION SCHEDULE
- S4.00 TYPICAL DETAILS
- S4.01 TYPICAL DETAILS
- S4.02 TYPICAL DETAILS

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- A0.02 MOUNTING HEIGHTS AND DIMENSIONS
- A0.03 EXTERIOR CONSTRUCTION SYSTEMS
- A0.04 INTERIOR CONSTRUCTION SYSTEMS
- A2.04 CAFETERIA ADDITION FLOOR PLAN
- A2.05 CAFETERIA ADDITION ROOF PLAN
- A2.51 CAFETERIA EXPANSION AND CONTROL JOINT PLAN
- A2.61 CAFETERIA EXTERIOR PAVING PLAN
- A3.01 CAFETERIA ADDITION EXTERIOR ELEVATIONS
- A3.11 CAFETERIA ADDITION BUILDING SECTIONS
- A3.21 CAFETERIA ADDITION WALL SECTIONS
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- A4.01 ENLARGED PARTIAL FLOOR PLANS
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- A6.12 ENLARGED REFLECTED CEILING PLAN - DINING
- A7.01 STAIR & RAMP PLANS & DETAILS
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- K101 FOODSERVICE ISOMETRIC VIEWS
- K102 FOODSERVICE ISOMETRIC VIEW
- K201 FOODSERVICE EQUIPMENT SCHEDULE
- K202 FOODSERVICE EQUIPMENT SCHEDULE
- K300 FOODSERVICE PLUMBING PLAN
- K400 FOODSERVICE ELECTRICAL PLAN
- K500 FOODSERVICE VENTILATION PLAN
- K501 FOODSERVICE EXHAUST HOOD DETAILS
- K502 FOODSERVICE EXHAUST HOOD DETAILS
- K503 FOODSERVICE EXHAUST HOOD DETAILS
- K504 FOODSERVICE EXHAUST HOOD DETAILS
- K505 FOODSERVICE EXHAUST HOOD DETAILS
- K506 FOODSERVICE EXHAUST HOOD DETAILS
- K507 FOODSERVICE EXHAUST HOOD DETAILS
- K508 FOODSERVICE EXHAUST HOOD DETAILS
- K509 FOODSERVICE EXHAUST HOOD DETAILS
- K510 FOODSERVICE EXHAUST HOOD DETAILS
- K600 FOODSERVICE SPECIAL CONDITIONS PLAN
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- K700 FOODSERVICE CUSTOM FABRICATION PLAN
- K701 FOODSERVICE STANDARD DETAILS
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- K703 FOODSERVICE STANDARD DETAILS
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- PC1.02 HOT & COLD WATER FLOOR PLAN - CAFETERIA ADDITION
- PC2.01 PLUMBING ROOF PLAN - CAFETERIA ADDITION
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LIST OF DRAWINGS - FIRE PROTECTION

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- MC2.01 MECHANICAL PLAN - CAFETERIA ADDITION
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- EC1.01 LIGHTING PLAN - CAFETERIA ADDITION
- EC2.01 POWER PLAN - CAFETERIA ADDITION
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- EC4.01 FIRE ALARM PLAN - CAFETERIA ADDITION
- EC5.01 ELECTRICAL SYSTEMS PLAN - CAFETERIA ADDITION
- EC6.01 POWER RISER DIAGRAM
- EC6.02 PANELBOARD SCHEDULES
- EC6.03 ELECTRICAL SCHEDULES & DETAILS

LOCATION MAP:



SET NO. 1 - ISSUED FOR PERMIT/GMP

SHEET:

T2.0

SAVANNAH ARTS ACADEMY ADDITION & RENOVATION SPECIFIC SITE DEVELOPMENT PLAN FOR THE SAVANNAH, CHATHAM COUNTY PUBLIC SCHOOL SYSTEM

500 WASHINGTON AVE.
SAVANNAH, GA 31405

Z:\MAXWELL-REDDICK & ASSOCIATES\JOBS\2020\2020-018 COGDELL & MENDRALA - SAVANNAH ARTS ACADEMY\ENGINEERING\DESIGN\DRAWINGS\SAV-ARTS_MAIN.DWG 10/26/2020 10:46:38 AM

LIST OF ABBREVIATIONS			
ABBR.	DESCRIPTION	ABBR.	DESCRIPTION
BLDG.	BUILDING	NS	NAIL SET
BSL	BUILDING SETBACK LINE	N.T.S.	NOT TO SCALE
BOC	BACK OF CURB	OC	ON CENTER
CMF	CONCRETE MONUMENT FOUND	OHC	OVERHEAD CABLE
OMP	CORRUGATED METAL PIPE	OHP	OVERHEAD POWER
C.O.	CLEAN OUT	OHT	OVERHEAD TELEPHONE
CONC.	CONCRETE	P.L.	PROPERTY LINE
DI	DUCTILE IRON	R	RADIUS
DIA.	DIAMETER	RBF	REBAR FOUND
D.E.	DRAINAGE EASEMENT	RBS	REBAR SET
D.S.	DOWNSPOUT	RCP	REINFORCED CONCRETE PIPE
EL	ELBOW	REQD	REQUIRED
ELEV	ELEVATION	REV	REVISION
EXT.	EXTERIOR	R/W	RIGHT-OF-WAY
EOP	EDGE OF PAVEMENT	RWMF	RIGHT-OF-WAY MONUMENT FOUND
ETP	EXISTING TOP OF PAVEMENT ELEV.	SES	SAFETY END SECTION
FDC	FIRE DEPARTMENT CONNECTION	SF	SQUARE FEET
FES	FLARED END SECTION	SPECS	SPECIFICATIONS
FF	FINISHED FLOOR	SAN	SANITARY SEWER
FG	FINISHED GRADE	SS	SANITARY SEWER
FM	FORCE MAIN	SSE	SANITARY SEWER EASEMENT
FO	FIBER OPTIC	SSMH	SANITARY SEWER MANHOLE
FOC	FACE OF CURB	STD	STANDARD
FT	FEET	STO	STORM
GAB	GRADED AGGREGATE BASE	TBC	TOP OF BACK OF CURB
HC	HANDICAP	TC	TOP OF CURB
HW	HEADWALL	TEL	TELEPHONE
IE	INVERT ELEVATION	THR EL	THROAT ELEVATION
INCL	INCLUDING	TG	TOP OF GRATE
INT.	INTERIOR	TP	TOP OF PAVEMENT
IPF	IRON PIPE FOUND	TS	TOP OF SIDEWALK
IPS	IRON PIPE SET	TYP	TYPICAL
LF	LINEAR FEET	UGC	UNDERGROUND CABLE
MH	MANHOLE	UGP	UNDERGROUND POWER
NF	NAIL FOUND	UGT	UNDERGROUND TELEPHONE
NS	NAIL SET	WTR	WATER

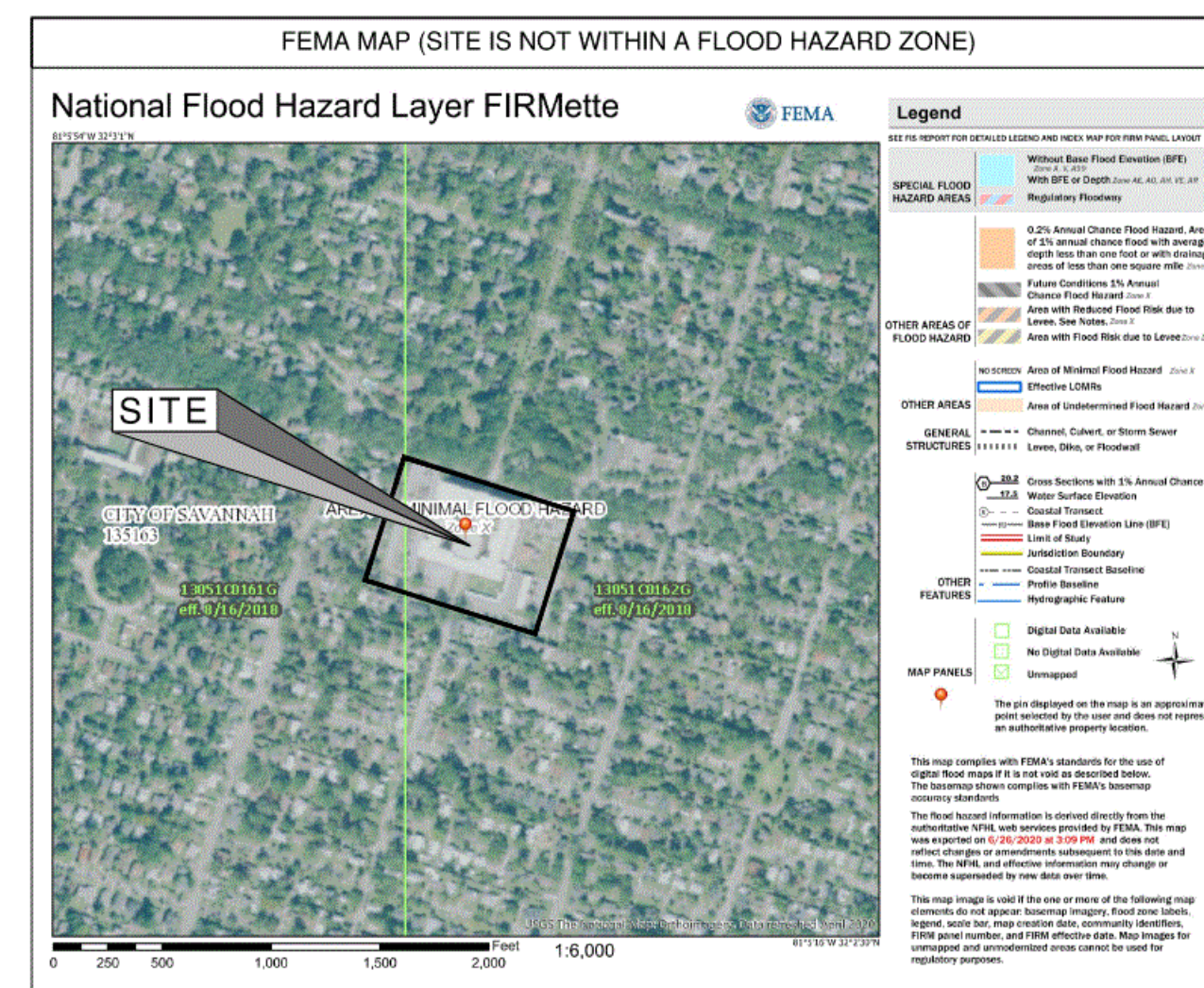
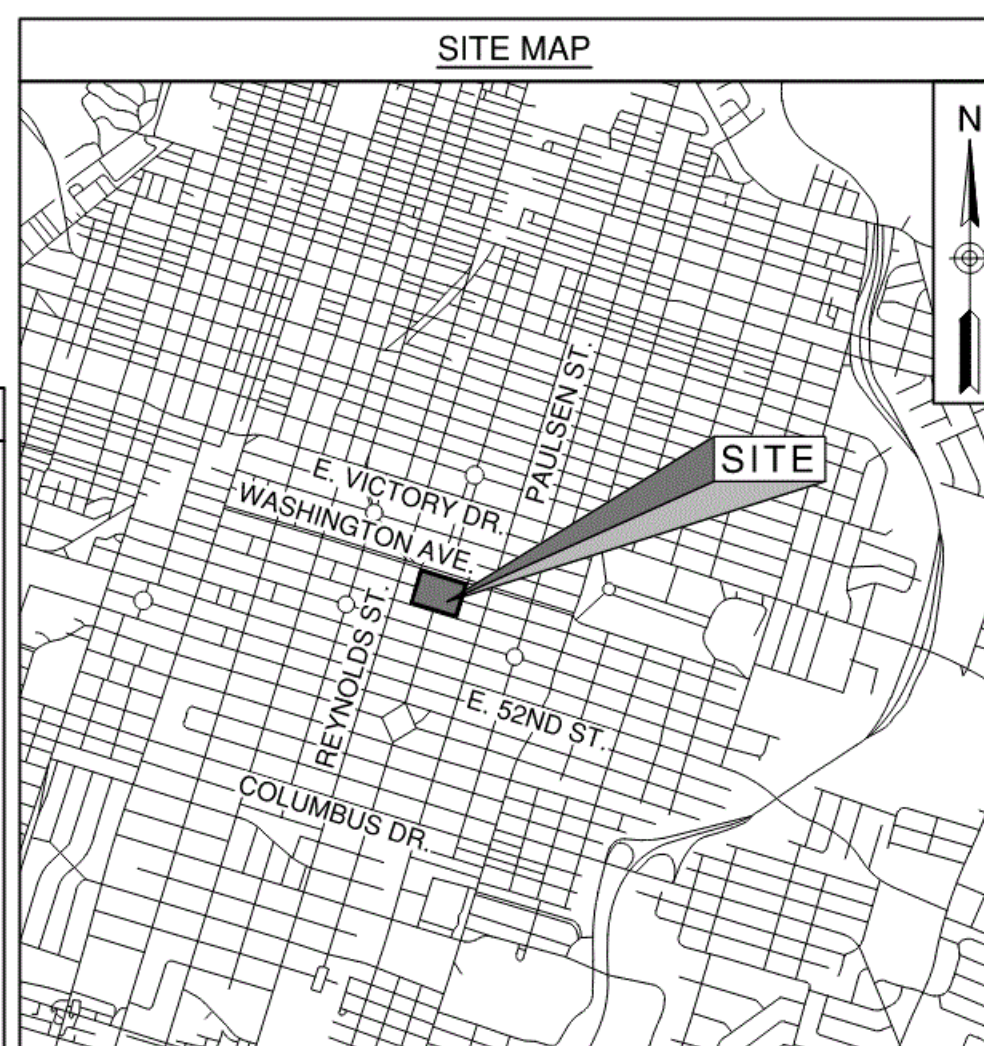
GEOTECHNICAL NOTE:

- THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE GEOTECHNICAL REPORT PERFORMED FOR THE SITE. IF A GEOTECHNICAL REPORT WAS NOT PREPARED THE CONTRACTOR IS TO PERFORM HIS OR HER OWN ANALYSIS OF THE SOIL CONDITIONS AT THE PROJECT SITE OR LOCATION.
- MAXWELL-REDDICK AND ASSOCIATES, INC. DOES NOT WARRANT OR IMPLY ANY WARRANTIES AS TO THE SUITABILITY OF THE SOIL CONDITIONS AT THE SUBJECT SITE.

NOTE TO CONTRACTOR:

- A LAND DISTURBING ACTIVITY PERMIT MUST BE OBTAINED PRIOR TO BEGINNING ANY LAND DISTURBING ACTIVITIES.
- ALL UTILITIES SHALL BE LOCATED AND A DIGGING TICKET SHALL BE OBTAINED PRIOR TO BEGINNING ANY LAND DISTURBING ACTIVITIES.
- IF ANY WETLANDS EXIST OR ARE FOUND TO EXIST ON THE SITE, NO DISTURBANCES SHALL OCCUR WITHIN THESE WETLANDS UNTIL THE DEVELOPER HAS OBTAINED ALL NECESSARY PERMITS FROM THE U.S. ARMY CORPS OF ENGINEERS.
- IF ANY DISCREPANCIES BETWEEN THE ENGINEER'S PLANS OR CONSTRUCTION STAKES AND ACTUAL SITE CONDITIONS ARISE DURING THE COURSE OF CONSTRUCTION THE CONTRACTOR AND/OR DEVELOPER SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY PRIOR TO CONSTRUCTING SAID INCONSISTENT ENTITIES. IF THE CONTRACTOR KNOWS OR CAN REASONABLY BE EXPECTED TO HAVE KNOWN OF AN ERROR, DISCREPANCY OR CONFLICT IN ANY OF THE PLANS, SPECIFICATIONS OR CONSTRUCTION STAKING AND FAILS TO REPORT THE SAME, HE SHALL NOT BE ENTITLED TO COMPENSATION FOR ANY WORK OR EXPENSE INCURRED BY HIM, WHICH IS REQUIRED TO BE REDONE OR REINFORCED BECAUSE OF SAID ERROR, DISCREPANCY OR CONFLICT AND WHICH WOULD HAVE BEEN AVOIDED HAD HE PROMPTLY REPORTED SAID ERRORS, DISCREPANCY OR CONFLICT WHEN HE KNEW OR SHOULD HAVE KNOWN OF THE SAME.

PROJECT DIRECTORY	
OWNER/ DEVELOPER:	CHATHAM COUNTY PUBLIC SCHOOL SYSTEM 500 WASHINGTON AVE. SAVANNAH, GA 31405 PHONE: 912-395-2535
ENGINEER:	MAXWELL-REDDICK AND ASSOCIATES, INC. 40 JOE KENNEDY RD STATESBORO, GA 30458 PHONE: 912.489.7112
SURVEYOR:	COLEMAN COMPANY 1480 CHATHAM PARKWAY, SUITE 100 SAVANNAH, GA 31405 912.200.3041



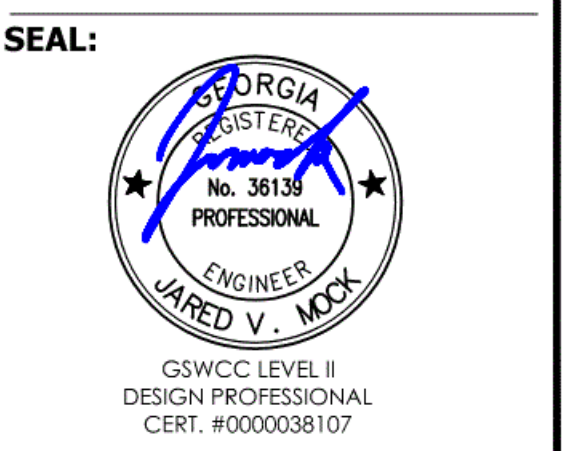
SCHEDULE OF DRAWINGS		
DWG. NO.	DESCRIPTION	SHT. NO.
C0.0	COVER SHEET	1
C1.0	EXISTING SITE CONDITIONS	2
C1.1	SITE DEMOLITION PLAN	3
C2.0	PROPOSED SITE LAYOUT	4
C2.1	FIRE ACCESS PLAN	5
C3.0	INITIAL SOIL EROSION CONTROL PLAN	6
C3.1	INTERMEDIATE SOIL EROSION CONTROL PLAN	7
C3.2	FINAL SOIL EROSION CONTROL PLAN	8
C3.3	SOIL EROSION CONTROL NOTES	9
C3.4	NPDES NOTES	10
C3.5	SOIL EROSION CONTROL DETAILS - 1	11
C3.6	SOIL EROSION CONTROL DETAILS - 2	12
C3.7	SOIL EROSION CONTROL DETAILS - 3	13
C4.0	GRADING PLAN - A	14
C4.1	GRADING PLAN - B	15
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C5.0	STORM DRAINAGE PLAN	17
C5.1	STORM DRAINAGE PLAN & PROFILE - 1	18
C5.2	STORM DRAINAGE PLAN & PROFILE - 2	19
C5.3	STORM DRAINAGE PLAN & PROFILE - 3	20
C5.4	STORMWATER PIPE CALCULATION	21
C5.5	STORMWATER INFILTRATION TRENCH DETAIL	22
C6.0	SANITARY SEWER PLAN & PROFILE	23
C7.0	WATER DISTRIBUTION PLAN	24
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C8.1	SITE DETAILS - 2	26
C8.2	SITE DETAILS - 3	27
C8.3	SITE DETAILS - 4	28
C8.4	SITE DETAILS - 5	29
C8.5	SITE DETAILS - 6	30
C8.6	SITE DETAILS - 7	31
C8.7	SITE DETAILS - 8	32
DWG. NO.	DESCRIPTION	SHT. NO.
L1.0	PLANTING PLAN	-

**VOL. II SAVANNAH ARTS
ACADEMY ADDITION**
500 WASHINGTON AVENUE
SAVANNAH, GA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

CogdelMendralaArchitects
COGDELL & MENDRALA ARCHITECTS, PC
517 EAST CONGRESS STREET
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PROJECT CONSULTANTS:

CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
40 JOE KENNEDY BLVD.
STATESBORO, GA 30458

STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
400 E. JOHNNY MERCER BOULEVARD
SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

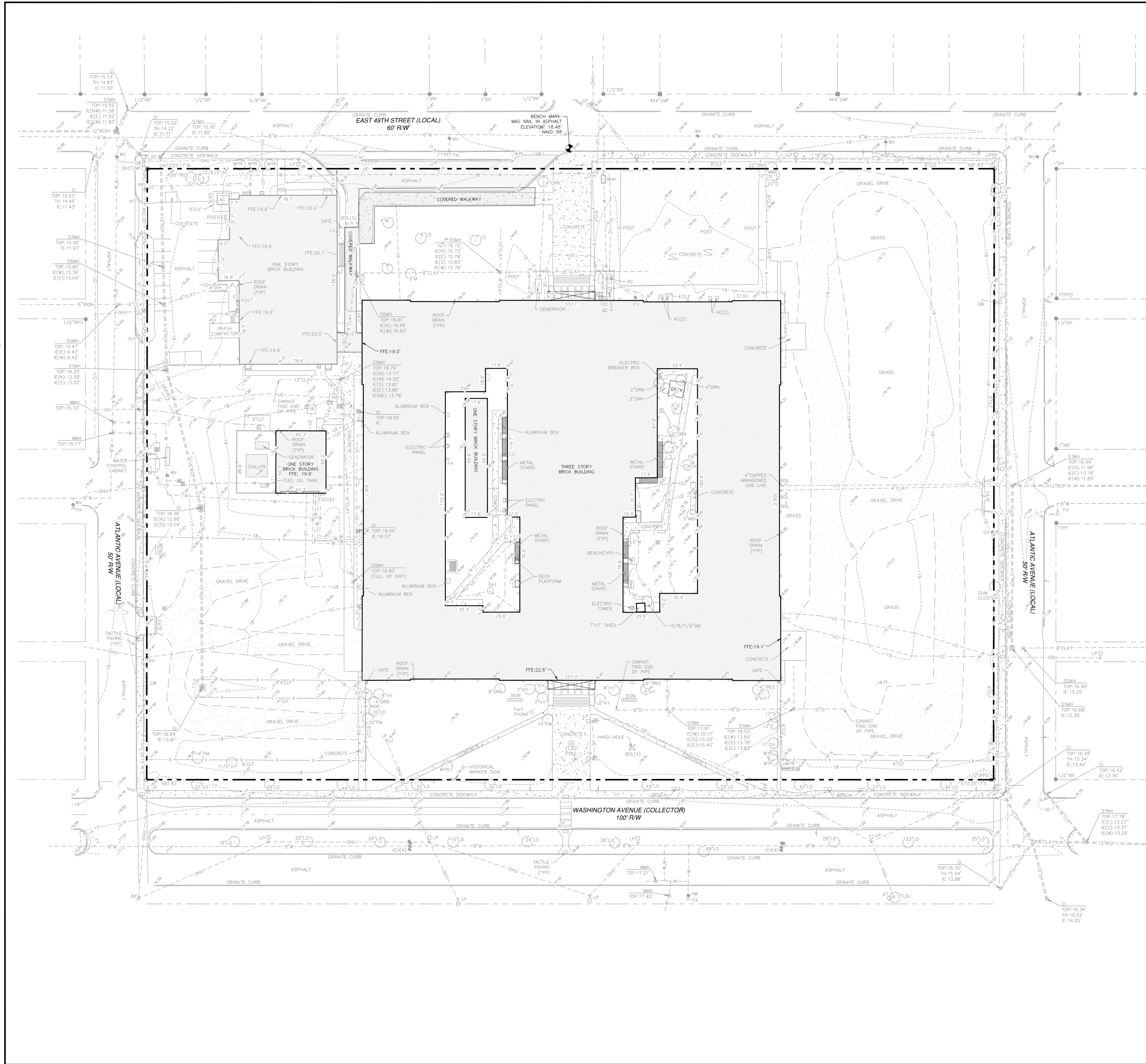
KEY PLAN:

SHEET TITLE:
COVER SHEET

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JWM
SCALE: AS SHOWN
SHEET: **C0.0**

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SITE NOTES:
 SITE AREA: 7.701 AC (335,462 SF)
 EXISTING ZONING: RSF-5
 SITE ADDRESS: 500 WASHINGTON AVE.
 PIN: 20087 12001

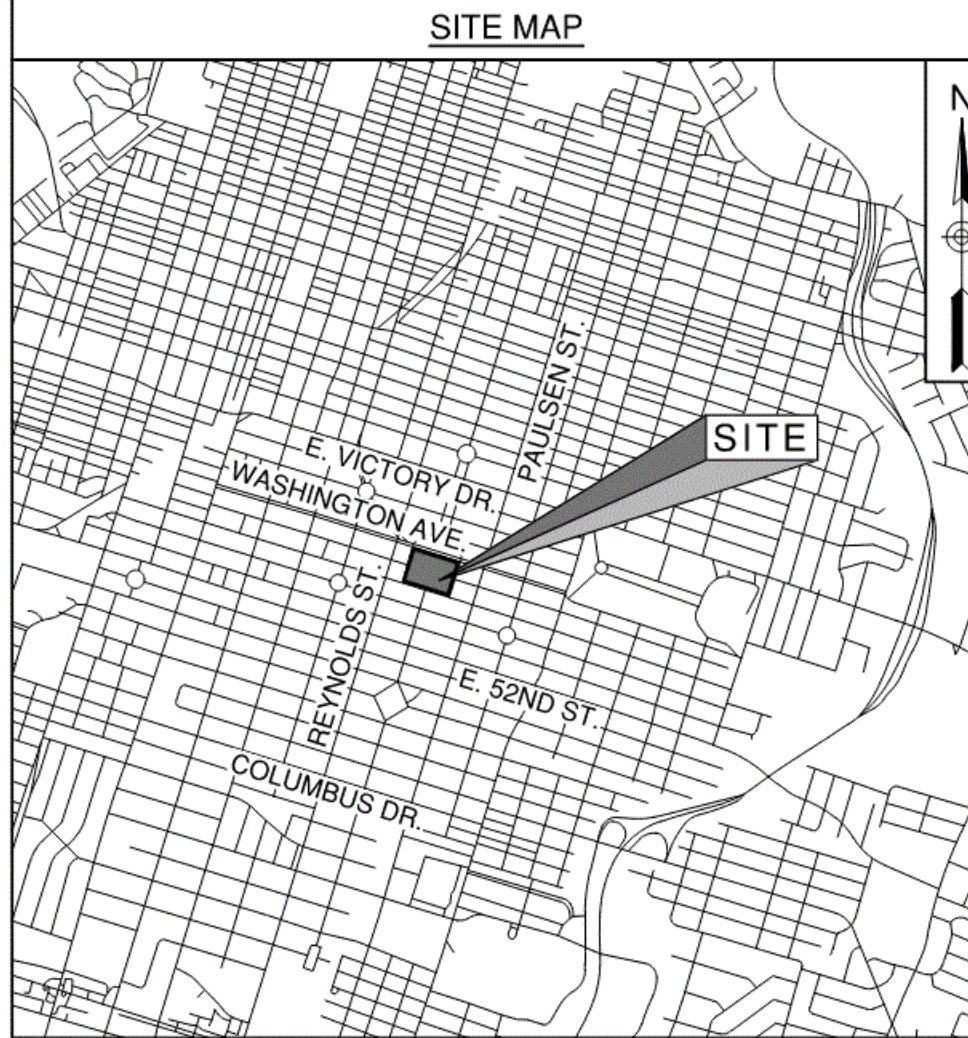
SURVEY NOTES:
 1. ALL ELEVATIONS BASED ON NAVD 88.
 2. ALL BUILDING SETBACKS ARE TO CONFORM TO LOCAL ZONING ORDINANCES.
 3. THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, COVENANTS, OR RESTRICTIONS EITHER RECORDED OR UNRECORDED.
 4. THE HORIZONTAL DATUM OF THIS PLAT IS BASED ON GRID NORTH, GEORGIA STATE PLANE, EAST ZONE, NAD 83.
 5. AS OF THE DATE OF THIS SURVEY, BASED ON MY OBSERVATION THIS PROPERTY IS LOCATED IN ZONE X, NOT A SPECIAL FLOOD HAZARD AREA AS DETERMINED BY FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP NUMBERS 13051C0161G & 13051C0162G, EFFECTIVE DATE: 8/16/2018. FEMA MAPS ARE SUBJECT TO REVISIONS AND AMENDMENTS AND SHOULD BE REVIEWED PRIOR TO CONSTRUCTION.
 6. LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES SHOWN ARE APPROXIMATE AND THOSE SHOWN ARE NOT NECESSARILY ALL OF THE EXISTING UTILITIES AND STRUCTURES. VERIFICATION OF EXACT LOCATIONS SHOULD BE MADE PRIOR TO ANY CONSTRUCTION.

LEGEND:

●	BENCH MARK
○	IRON ROD FOUND
□	GRATE INLET
○	CURB INLET
○	PP POWER POLE
○	GW GUY WIRE
○	LP LIGHT POLE
○	SSMH SANITARY SEWER MANHOLE
○	STMH STORM SEWER MANHOLE
○	WMH WATER MANHOLE
○	FH FIRE HYDRANT
○	WV WATER VALVE
○	ICV IRRIGATION CONTROL VALVE
○	WM WATER METER
○	EHU OVERHEAD UTILITY
-E-	UNDERGROUND ELECTRIC
-W-	WATER LINE
-G-	UNDERGROUND GAS LINE
-C-	UNDERGROUND COMMUNICATIONS LINE
R/W	RIGHT-OF-WAY
CO	CLEAN OUT
CHH	COMMUNICATIONS HAND-HOLE
EHH	ELECTRIC HAND-HOLE
RCP	REINFORCED CONCRETE PIPE
TH	THREAT
IE	INVERT ELEVATION
PN	PARCEL IDENTIFICATION NUMBER

TREES

LO	LIVE OAK
P	PINE
W	WILLOW
SP	SPRUCE
M	MAGNOLIA
O	OAK
SYC	SYCAMORE
CH	CHERRY
C	CEDAR
	TREE UNKNOWN SPECIMEN



SURVEY NOTES:
 1. TOPOGRAPHIC SURVEY PERFORMED BY COLEMAN COMPANY ON MAY 04, 2020.
 2. SURVEY TITLED "A TOPOGRAPHIC SURVEY OF 7.701 ACRES, SAVANNAH ARTS ACADEMY, SCHROEDER WARD, 4TH G.M. DISTRICT, CITY OF SAVANNAH, CHATHAM COUNTY, GEORGIA".
 3. SURVEY PREPARED FOR: SAVANNAH CHATHAM COUNTY PUBLIC SCHOOL SYSTEM.
 4. MAXWELL-REDDICK & ASSOCIATES, INC. HAS NOT PERFORMED ANY SURVEYING ON OR ADJACENT TO THE REFERENCED PARCEL U.N.O.

SURVEY DISCLAIMER STATEMENT:
 THE TOPOGRAPHIC AND ELEVATION DATA SHOWN HEREON WAS OBTAINED FROM SURVEY PERFORMED BY COLEMAN COMPANY, DATED AT 05-21-2020 AND IS NOT CERTIFIED AS CORRECT BY THIS ENGINEER. USERS OF THIS DATA DO SO AT THEIR OWN RISK.

REVISION SCHEDULE

DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JVM
SCALE: AS SHOWN
SHEET: C1.0

VOL. II SAVANNAH ARTS ACADEMY ADDITION
 500 WASHINGTON AVENUE
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GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
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FUNDING: LOCAL EFFORT
BID NO#: C22-01

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 STATESBORO, GA 30458

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 SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
 7402 HODGSON MEMORIAL DRIVE,
 SUITE 100
 SAVANNAH, GA 31406

KEY PLAN:

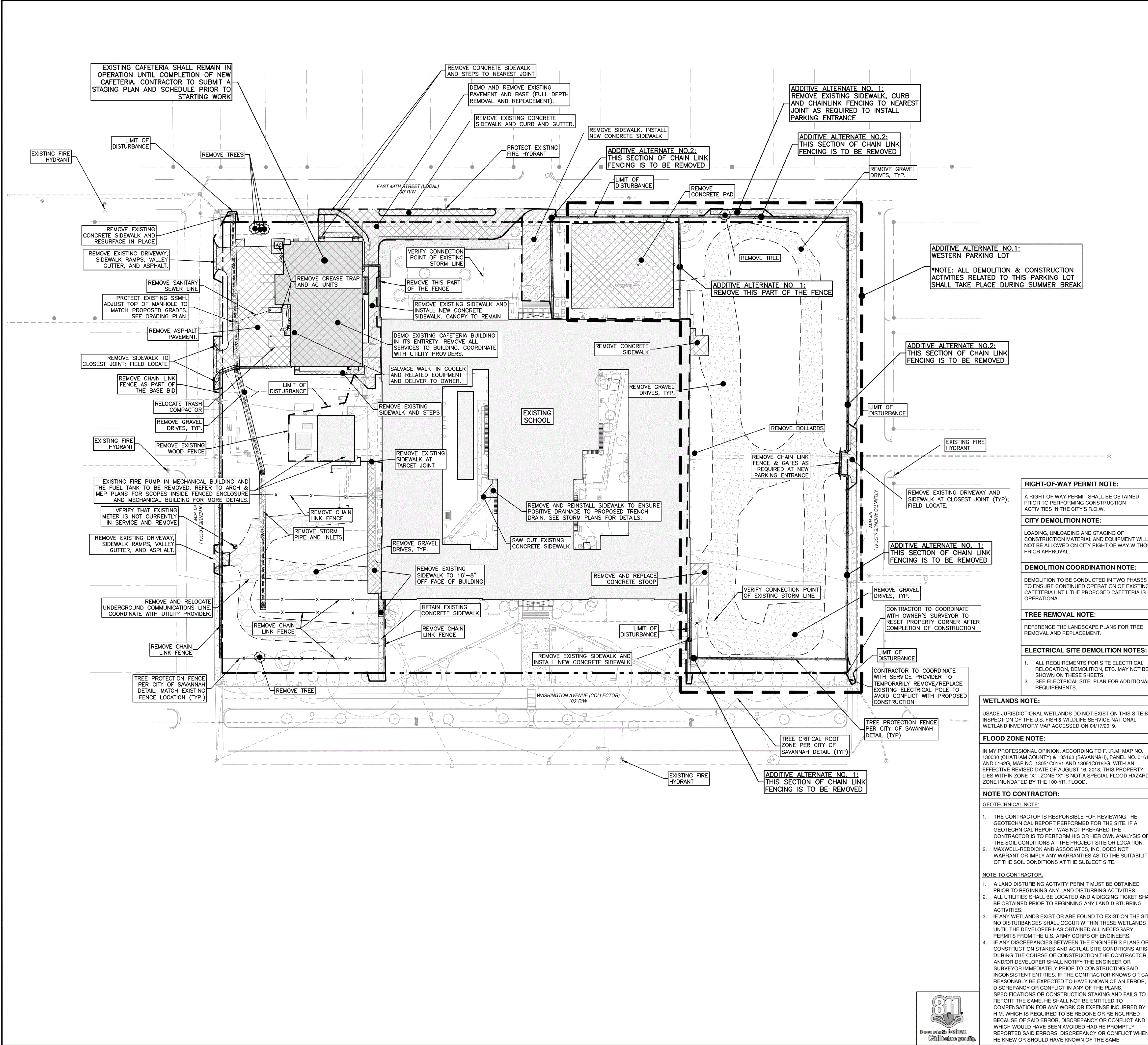
SHEET TITLE:
EXISTING SITE CONDITIONS

REVISION SCHEDULE

DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JVM
SCALE: AS SHOWN
SHEET: C1.0

Z:\MAXWELL-REDDICK & ASSOCIATES\JOES\2020\2020-018 COGDELL & MENDRALA - SAVANNAH ARTS ACADEMY ENGINEERING DESIGN DRAWINGS\SAV-ARTS MAIN.DWG



LEGEND:

- BENCH MARK
- IRF IRON ROD FOUND
- IPF IRON PIPE FOUND
- GI GRATE INLET
- CI CURB INLET
- PP POWER POLE
- GW GUY WIRE
- LP LIGHT POLE
- SSMH SANITARY SEWER MANHOLE
- STMH STORM SEWER MANHOLE
- WMH WATER MANHOLE
- FWH FIRE HYDRANT
- WV WATER VALVE
- ICV IRRIGATION CONTROL VALVE
- WM WATER METER
- ERB ELECTRIC BOX
- OHU- OVERHEAD UTILITY
- UE- UNDERGROUND ELECTRIC
- W- WATERLINE
- UG- UNDERGROUND GAS LINE
- UC- UNDERGROUND COMMUNICATIONS LINE
- RHW RIGHT-OF-WAY
- CO CLEAN CUT
- CHH COMMUNICATIONS HAND-HOLE
- EHH ELECTRIC HAND-HOLE
- RCP REINFORCED CONCRETE PIPE
- TH THROAT
- IE INVERT ELEVATION
- PN PARCEL IDENTIFICATION NUMBER

TREES

- LO LIVE OAK
- P PINE
- W WILLOW
- SP SPRUCE
- M MAGNOLIA
- O OAK
- SYC SYCAMORE
- CH CHERRY
- C CEDAR
- T TREE
- UNKNOWN SPECIMEN

GENERAL NOTES:

- THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY CONSTRUCTION, AND SHALL USE CARE NOT TO DAMAGE ANY EXISTING UTILITIES. ANY DAMAGE TO THE EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AND ALL SUCH COSTS ASSOCIATED WITH THESE REPAIRS SHALL BE BORNE BY THE CONTRACTOR. UPON REMOVAL OF EXISTING SIDEWALKS AND PAVEMENT, THE CONTRACTOR SHALL TAKE EXTRA PRECAUTION TO PREVENT DAMAGE TO THE EXISTING UTILITIES. ACTUAL DEPTHS ARE UNKNOWN.
- ONCE EXISTING UTILITIES HAVE BEEN LOCATED AND MARKED BY APPROPRIATE ENTITIES, CONTRACTOR SHALL TRANSFER MARKINGS IN A MANNER THAT WILL PROTECT MARKINGS FOR LENGTH OF PROJECT OR UNTIL UTILITY IS PERMANENTLY COVERED.
- CONTRACTOR SHALL NOT LEAVE ANY "OPEN" OR "EXPOSED" EXCAVATIONS OVERNIGHT OR DURING TIMES OF DELAYED OR CEASED WORK.
- TEMPORARY CHAIN LINK CONSTRUCTION FENCE TO BE PROPERLY ERECTED AND MAINTAINED AROUND WORK ZONES DURING CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE PEDESTRIAN CONTROL AROUND ALL WORK AREAS/ZONES FOR THE DURATION OF THE PROJECT COORDINATE PEDESTRIAN CONTROL WITH THE GOVERNING MUNICIPALITY'S REPRESENTATIVE AND OWNERS' PROJECT MANAGER.
- CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL IN ACCORDANCE WITH GDOT (MUTCD) AND CITY OF SAVANNAH'S SPECIFICATIONS. COORDINATE TRAFFIC CONTROL WITH THE GOVERNING MUNICIPALITY'S REPRESENTATIVE.
- COORDINATE MATERIAL LAYDOWN AREAS WITH THE OWNERS' PROJECT MANAGER.
- COMPLETELY & PROPERLY DISPOSE OF ALL DEMOLISHED MATERIALS OFF THE SITE UNLESS NOTED OTHERWISE.
- PROVIDE TREE PROTECTION FOR ALL TREES AROUND THE WORK ZONE AND AS SHOWN ON THE PLANS. SEE CITY OF SAVANNAH'S TREE PROTECTION DETAIL.
- COORDINATE ANY TEMPORARY SOIL STOCKPILES WITH THE OWNERS' PROJECT MANAGER.
- SOME STORM LINE LOCATIONS AND ELEVATIONS ARE ASSUMED. CONTRACTOR TO FIELD VERIFY ACTUAL CONDITIONS PRIOR TO ORDERING MATERIALS AND CONSTRUCTION.
- SEE MECHANICAL, ELECTRICAL, AND PLUMBING PLANS FOR DETAILS ON DEMOLITION AND/OR RELOCATION INCLUDING BUT NOT LIMITED TO POWER, HVAC, TELEPHONE, AND FIBER OPTIC WITHIN PROJECT LIMITS.
- REMOVE ALL ITEMS THAT ARE TO BE SALVAGED PRIOR TO START OF CONTRACTOR DEMOLITION/CONSTRUCTION.
- COORDINATE HAUL ROUTES WITH ENGINEER AND THE GOVERNING MUNICIPALITY'S PROJECT MANAGER.
- CONTRACTOR SHALL PROTECT EXISTING FEATURES AND KEEP DISTURBANCES TO PRACTICABLE MINIMUM DURING CONSTRUCTION.
- CONTRACTOR SHALL RETURN ALL AREAS DISTURBED DURING CONSTRUCTION TO PRE-CONSTRUCTION STANDARDS/CONDITIONS AT THE CONTRACTORS EXPENSE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER DISPOSAL OF ALL REMOVED MATERIAL. CONTRACTOR IS ENCOURAGED TO RECYCLE MATERIAL WHERE POSSIBLE.

RIGHT-OF-WAY PERMIT NOTE:

A RIGHT OF WAY PERMIT SHALL BE OBTAINED PRIOR TO PERFORMING CONSTRUCTION ACTIVITIES IN THE CITY'S R.O.W.

CITY DEMOLITION NOTE:

LOADING, UNLOADING AND STAGING OF CONSTRUCTION MATERIAL AND EQUIPMENT WILL NOT BE ALLOWED ON CITY RIGHT OF WAY WITHOUT PRIOR APPROVAL.

DEMOLITION COORDINATION NOTE:

DEMOLITION TO BE CONDUCTED IN TWO PHASES TO ENSURE CONTINUED OPERATION OF EXISTING CAFETERIA UNTIL THE PROPOSED CAFETERIA IS OPERATIONAL.

TREE REMOVAL NOTE:

REFERENCE THE LANDSCAPE PLANS FOR TREE REMOVAL AND REPLACEMENT.

ELECTRICAL SITE DEMOLITION NOTES:

- ALL REQUIREMENTS FOR SITE ELECTRICAL RELOCATION, DEMOLITION, ETC. MAY NOT BE SHOWN ON THESE SHEETS.
- SEE ELECTRICAL SITE PLAN FOR ADDITIONAL REQUIREMENTS.

WETLANDS NOTE:

USACE JURISDICTIONAL WETLANDS DO NOT EXIST ON THIS SITE BY INSPECTION OF THE U.S. FISH & WILDLIFE SERVICE NATIONAL WETLAND INVENTORY MAP ACCESSED ON 04/17/2019.

FLOOD ZONE NOTE:

IN MY PROFESSIONAL OPINION, ACCORDING TO F.I.R.M. MAP NO. 130030 (CHATHAM COUNTY) & 135163 (SAVANNAH), PANEL NO. 0161G AND 0162G, MAP NO. 130510161 AND 130510162G, WITH AN EFFECTIVE REVISED DATE OF AUGUST 16, 2018, THIS PROPERTY LIES WITHIN ZONE "X". ZONE "X" IS NOT A SPECIAL FLOOD HAZARD ZONE INUNDATED BY THE 100-YR. FLOOD.

NOTE TO CONTRACTOR:

GEOTECHNICAL NOTE:

- THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE GEOTECHNICAL REPORT PERFORMED FOR THE SITE. IF A GEOTECHNICAL REPORT WAS NOT PREPARED THE CONTRACTOR IS TO PERFORM HIS OR HER OWN ANALYSIS OF THE SOIL CONDITIONS AT THE PROJECT SITE OR LOCATION.
- MAXWELL-REDDICK AND ASSOCIATES, INC. DOES NOT WARRANT OR IMPLY ANY WARRANTIES AS TO THE SUITABILITY OF THE SOIL CONDITIONS AT THE SUBJECT SITE.

NOTE TO CONTRACTOR:

- A LAND DISTURBING ACTIVITY PERMIT MUST BE OBTAINED PRIOR TO BEGINNING ANY LAND DISTURBING ACTIVITIES.
- ALL UTILITIES SHALL BE LOCATED AND A DIGGING TICKET SHALL BE OBTAINED PRIOR TO BEGINNING ANY LAND DISTURBING ACTIVITIES.
- IF ANY WETLANDS EXIST OR ARE FOUND TO EXIST ON THE SITE, NO DISTURBANCES SHALL OCCUR WITHIN THESE WETLANDS UNTIL THE DEVELOPER HAS OBTAINED ALL NECESSARY PERMITS FROM THE U.S. ARMY CORPS OF ENGINEERS.
- IF ANY DISCREPANCIES BETWEEN THE ENGINEER'S PLANS OR CONSTRUCTION STAKES AND ACTUAL SITE CONDITIONS ARISE DURING THE COURSE OF CONSTRUCTION THE CONTRACTOR AND/OR DEVELOPER SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY PRIOR TO CONSTRUCTING SAID INCONSISTENT ENTITIES. IF THE CONTRACTOR KNOWS OR CAN REASONABLY BE EXPECTED TO HAVE KNOWN OF AN ERROR, DISCREPANCY OR CONFLICT IN ANY OF THE PLANS, SPECIFICATIONS OR CONSTRUCTION STAKING AND FAILS TO REPORT THE SAME, HE SHALL NOT BE ENTITLED TO COMPENSATION FOR ANY WORK OR EXPENSE INCURRED BY HIM, WHICH IS REQUIRED TO BE REDONE OR RECONSTRUCTED BECAUSE OF SAID ERROR, DISCREPANCY OR CONFLICT AND WHICH WOULD HAVE BEEN AVOIDED HAD HE PROMPTLY REPORTED SAID ERRORS, DISCREPANCY OR CONFLICT WHEN HE KNEW OR SHOULD HAVE KNOWN OF THE SAME.

DEMOLITION NOTES:

- SHOULD UNSUITABLE MATERIALS BE ENCOUNTERED DURING CONSTRUCTION UNUSABLE MATERIAL SHALL BE REMOVED AND REPLACED WITH SUITABLE FILL MATERIAL. BACKFILL AND COMPACTION SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS OR AT THE DIRECTION OF THE ENGINEER OR GEOTECHNICAL ENGINEER.
- UTILITY RELOCATIONS TO BE PERFORMED BY OTHERS; HOWEVER, THE CONTRACTOR SHALL COORDINATE ALL UTILITY REMOVAL/RELOCATION WITH THE APPROPRIATE UTILITY COMPANY AND SHALL NOTIFY THE EXISTING OWNERS OF ANY EXPECTED OUTAGES. THE OWNER/DEVELOPER IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH REMOVAL, RELOCATION, AND/OR ABANDONMENT OF EXISTING UTILITIES. THE OWNER/DEVELOPER SHALL NOTIFY AFFECTED RESIDENTS OF ANY PROPOSED UTILITY OUTAGES A MINIMUM OF 24 HOURS IN ADVANCE. COORDINATE WITH THE UTILITY OWNERS.
- THE CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL AT ALL TIMES UPON COMMENCEMENT OF THE CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE SAFE ACCESS FOR PEDESTRIAN AND VEHICULAR TRAFFIC DURING ALL STAGES OF THE CONSTRUCTION.
- ANY ASPHALT AND CONCRETE TO BE REMOVED SHALL BE SAW CUT TO PROVIDE A CLEAN EDGE FOR THE PROPOSED WORK.
- ALL DEMOLISHED AND REMOVED BUILDING MATERIALS SHALL BE RECYCLED TO THE GREATEST EXTENT POSSIBLE.
- COORDINATE ALL DEMOLITION WITH THE DISTRICT'S MAINTENANCE DEPARTMENT PRIOR TO COMMENCING WORK. THE DISTRICT RETAINS THE FIRST RIGHT OF REFUSAL AND SERVICEABLE EQUIPMENT AND ITEMS.
- ENSURE THAT ALL ITEMS TO BE SALVAGED BY THE DISTRICT HAVE BEEN REMOVED FROM THE SITE PRIOR TO COMMENCING DEMOLITION OPERATIONS.
- DO NOT BURN OR BURY DEMOLITION DEBRIS ON SITE.
- ENSURE THAT ALL UTILITY SERVICES HAVE BEEN PROPERLY DISCONNECTED PRIOR TO COMMENCING DEMOLITION OPERATIONS.

ELECTRICAL AND COMMUNICATION NOTES:

SEE ELECTRICAL SITE PLAN FOR DETAILS ON TRANSFORMER LOCATIONS, UNDERGROUND ELECTRICAL SERVICE, COMMUNICATION SERVICE, AND RELOCATION/REMOVAL OF EXISTING ELECTRICAL SERVICE/TRANSFORMERS.

EXISTING ITEMS/FEATURES NOTE:

ALL EXISTING ITEMS/FEATURES THAT ARE TO REMAIN SHALL BE SAVED AND PROTECTED FOR THE DURATION OF THE PROJECT. ANY ITEMS/FEATURES THAT ARE NOT DESIGNATED TO BE REMOVED/DEMOLISHED AND ARE DAMAGED BY THE CONTRACTOR OR SUBCONTRACTORS SHALL BE REPLACED IN LIKE KIND AT THE CONTRACTORS EXPENSE.

MAXWELL-REDDICK & ASSOCIATES JOB NO. 2020-018

HORIZONTAL SCALE

1" = 40'

40 0 80 120

VOL. II SAVANNAH ARTS ACADEMY ADDITION

500 WASHINGTON AVENUE
SAVANNAH, GA 31405

GMP CONSTRUCTION DOCUMENTS

(SCCPSS)

FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

CogdellMendralaarchitects
COGDELL & MENDRALA ARCHITECTS, PC
517 EAST CONGRESS STREET
SAVANNAH, GEORGIA 31401
tel 912.234.6318
fax 912.236.8414
cogdellmendrala.com

SEAL:

GEORGIA
No. 36158
PROFESSIONAL
ENGINEER
JARED V. MOCK

GSWCC LEVEL II
DESIGN PROFESSIONAL
CERT. #0000038107

PROJECT CONSULTANTS:

CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
40 JOE KENNEDY BLVD.
STATESBORO, GA 30458

STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
400 E. JOHNNY MERCER BOULEVARD
SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

KEY PLAN:

SHEET TITLE:
DEMOLITION PLAN

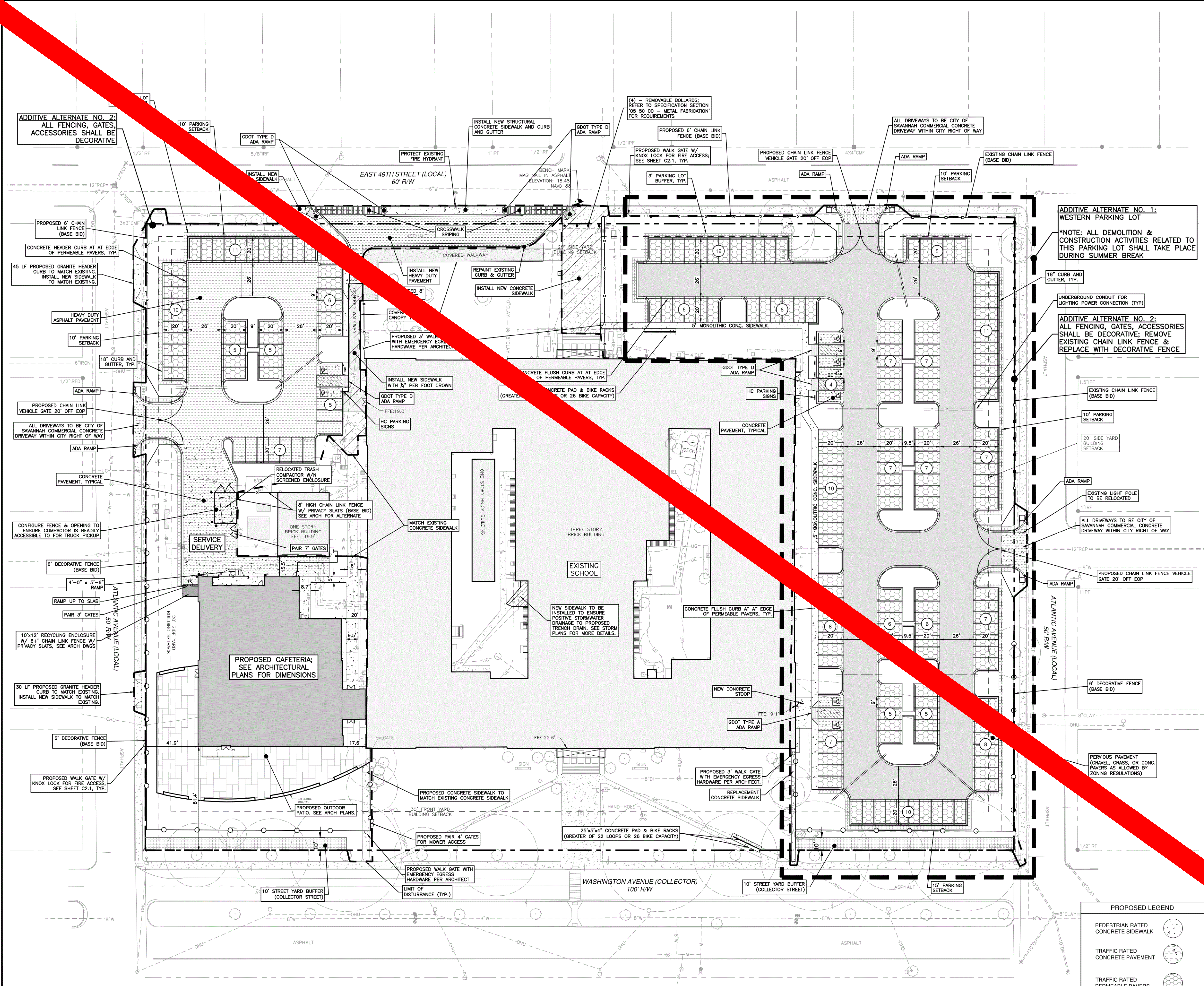
REVISION SCHEDULE

DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JWM
SCALE: AS SHOWN

SHEET: **C1.1**

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SITE NOTES:

SITE AREA:
PROJECT AREA: 7.701 ACRES

SITE ZONING:
EXISTING ZONING: RSF-5
SITE ADDRESS: 500 WASHINGTON AVE

BUILDING SETBACKS:
FRONT YARD: 30 FT
SIDE YARD: 20 FT

PARKING AREA SETBACKS:
COLLECTOR OR ARTERIAL STREET: 15 FT
LOCAL STREET: 10 FT
ABUTTING LANE, PROPERTY LINE, OR ACCESS EASEMENT: 5 FT

USE BUFFERS:
NONE REQUIRED (PARCEL BOUNDED BY STREETS ALL SIDES)

STREET YARD BUFFERS:
- ATLANTIC AVE: NONE REQUIRED (LOCAL STREET & PARCEL & CROSS STREET ZONING RSF-5/6)
- E. 49TH ST.: NONE REQUIRED (LOCAL STREET & PARCEL & CROSS STREET ZONING RSF-5/6)
- WASHINGTON AVE: 10' REQUIRED (COLLECTOR STREET)

OFF STREET PARKING LOT BUFFER:
REQUIRED: 3' WIDE PLANTED AREA ALONG STREET SIDE OF PARKING LOT FRONTAGE

SPECIAL PARKING DISTRICT:
NONE

VEHICULAR PARKING CALCULATION:
TOTAL SCHOOL STAFF MEMBERS: 152
TOTAL STUDENTS ENROLLED: 4913
REQUIRED: AS DETERMINED BY CITY MANAGER OR DESIGNEE.

BICYCLE PARKING:
REQUIRED: 5% OF VEHICLE PARKING

OFF-STREET PARKING:
VEHICULAR REQUIRED: TO BE DETERMINED BY CITY MANAGER
VEHICULAR PROVIDED: 200 SPACES (TOTAL)

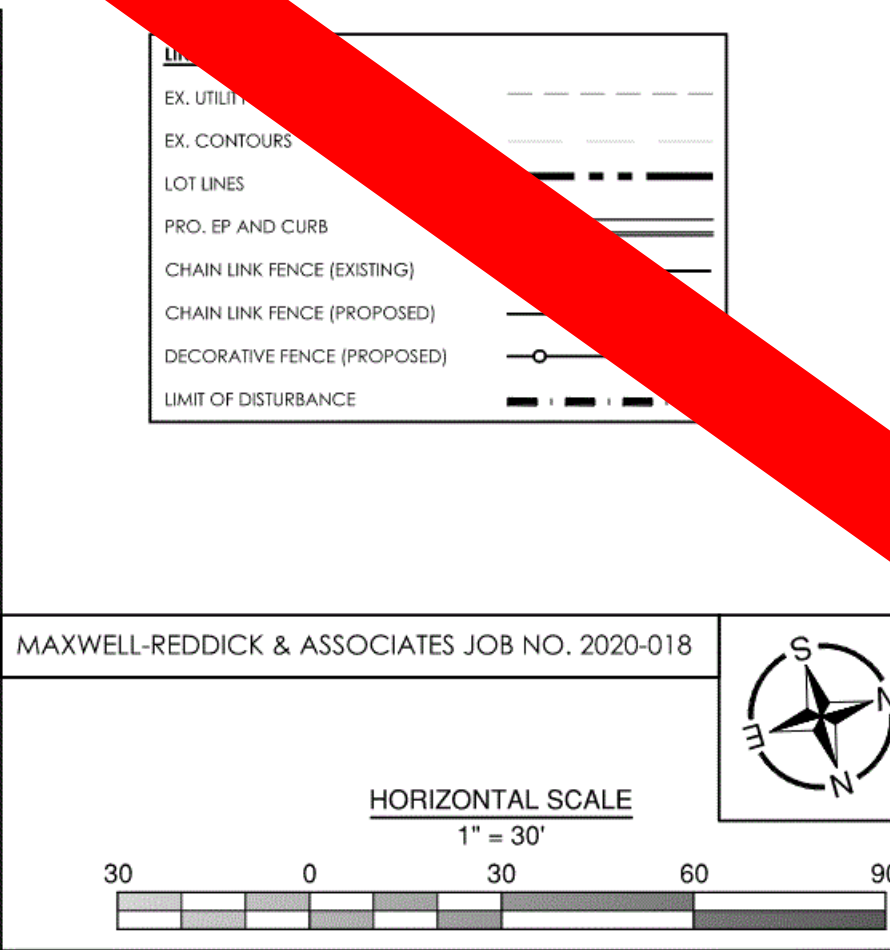
BICYCLE REQUIRED: 10
PROVIDE AT LEAST 2 BIKE RACKS WITH AT LEAST FIVE BICYCLE PARKING SPOTS EACH.

PROPOSED LEGEND

PEDESTRIAN RATED CONCRETE SIDEWALK	
TRAFFIC RATED CONCRETE PAVEMENT	
TRAFFIC RATED PERMEABLE PAVERS	
ASPHALT PAVEMENT	
HEAVY DUTY ASPHALT PAVEMENT	
STREET YARD BUFFER (COLLECTOR STREET)	

VEHICLE GATE NOTE:
IF VEHICLE GATES ARE ELECTRIC, IT WILL NEED A KNOX KEY SWITCH. IF VEHICLE GATES ARE MANUAL, IT WILL NEED A KNOX PADLOCK.

RIGHT-OF-WAY PERMIT NOTE:
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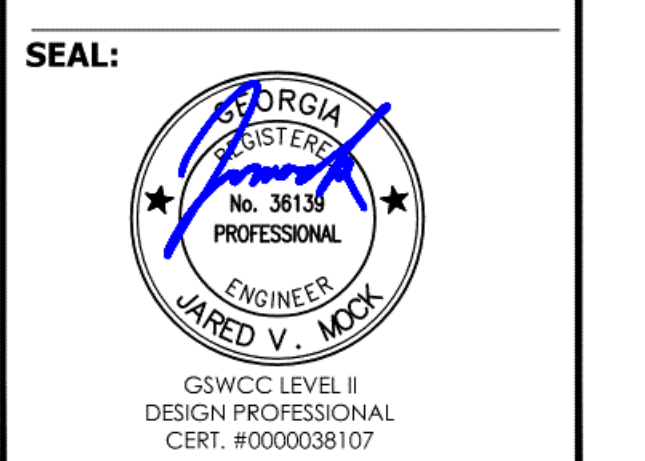


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SAVANNAH, GA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

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COGDELL & MENDRALA ARCHITECTS, PC
517 EAST CONGRESS STREET
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cogdellmendrala.com



PROJECT CONSULTANTS:

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STATESBORO, GA 30458

STRUCTURAL ENGINEER:
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MECHANICAL & ELECTRICAL ENGINEER:
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SUITE 100
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KEY PLAN:

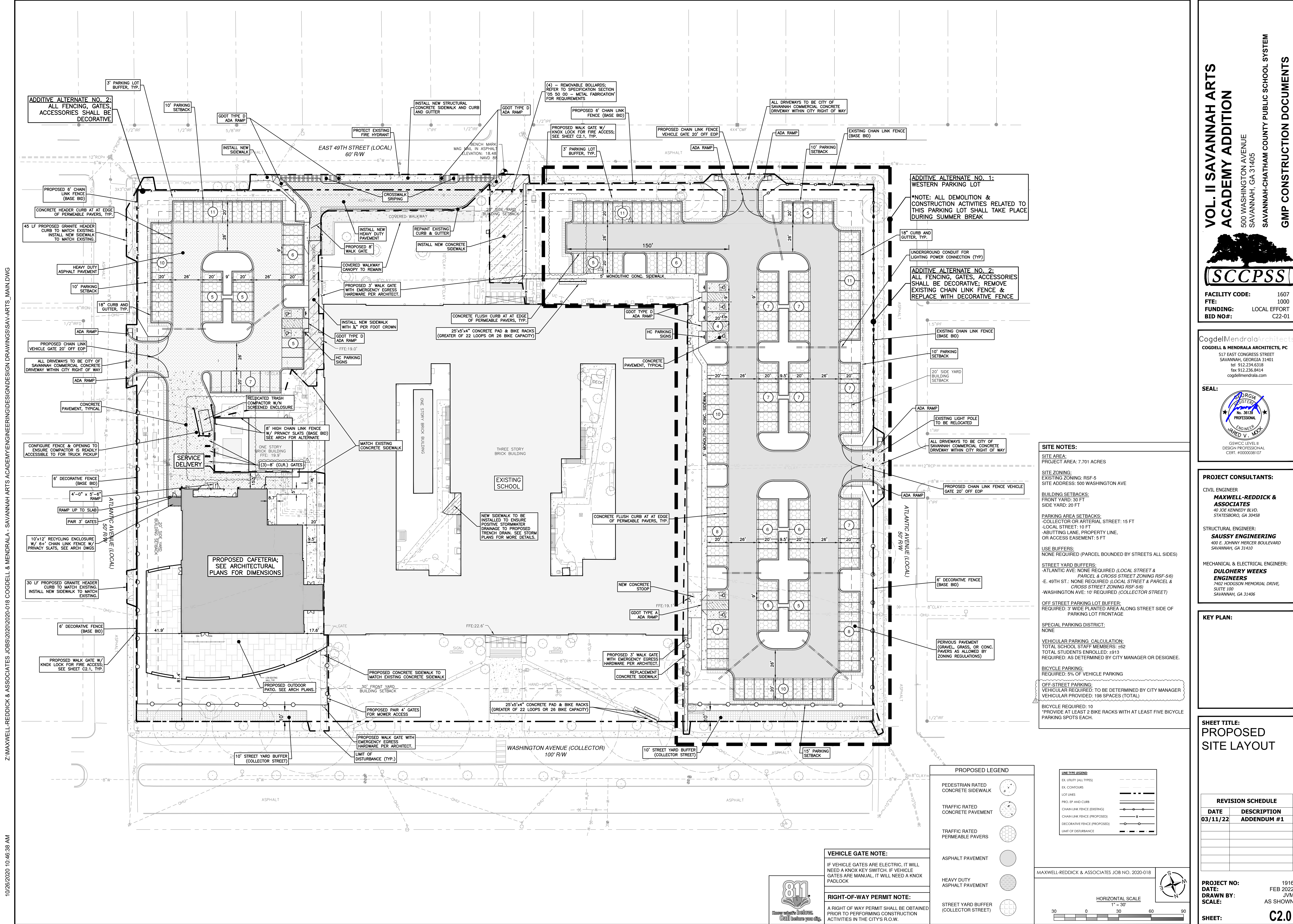
SHEET TITLE:
PROPOSED SITE LAYOUT

REVISION SCHEDULE

DATE	DESCRIPTION

PROJECT: 1916
DATE: FEB 2022
DRAWN BY: JWM
SCALE: AS SHOWN

SHEET:



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KEY PLAN:

SHEET TITLE:
PROPOSED
SITE LAYOUT

REVISION SCHEDULE

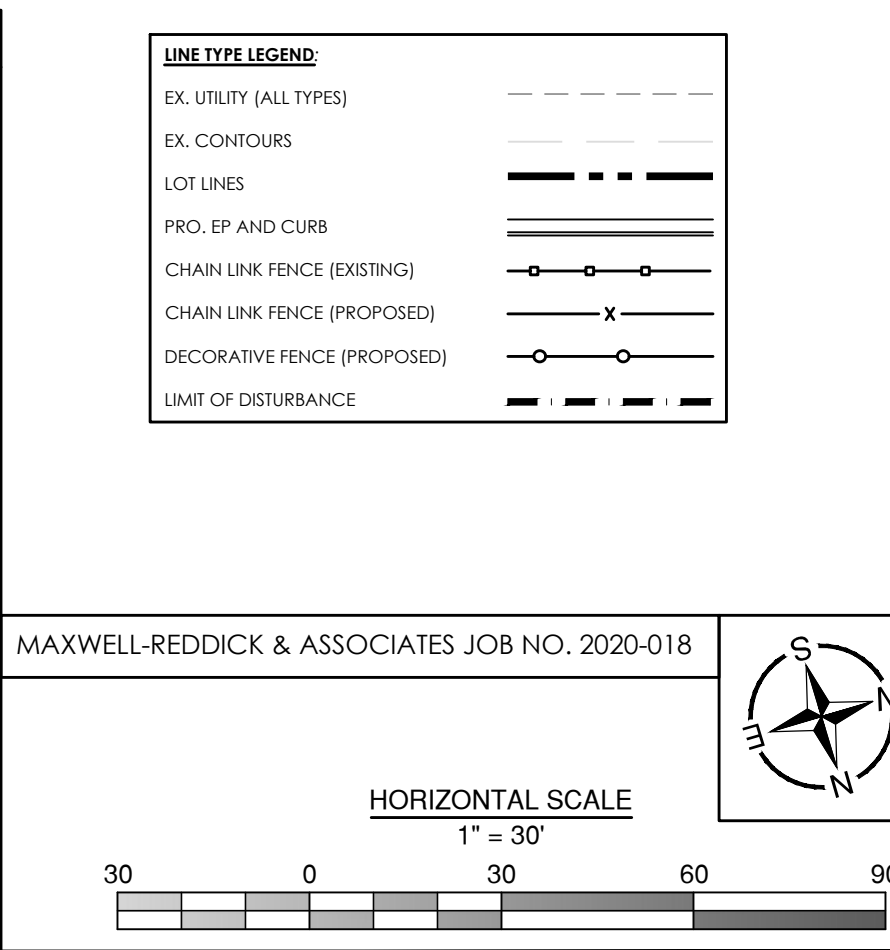
DATE	DESCRIPTION
03/11/22	ADDENDUM #1

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JWM
SCALE: AS SHOWN
SHEET: **C2.0**

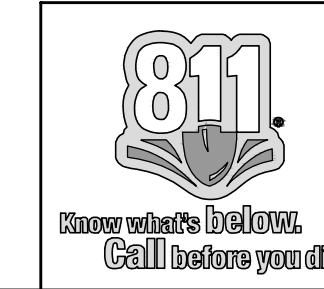
SITE NOTES:
SITE AREA: PROJECT AREA: 7.701 ACRES
SITE ZONING: EXISTING ZONING: RSF-5
SITE ADDRESS: 500 WASHINGTON AVE
BUILDING SETBACKS:
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-SIDE YARD: 20 FT
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USE BUFFERS: NONE REQUIRED (PARCEL BOUNDED BY STREETS ALL SIDES)
STREET YARD BUFFERS:
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-WASHINGTON AVE: 10' REQUIRED (COLLECTOR STREET)
OFF STREET PARKING LOT BUFFER:
REQUIRED: 3' WIDE PLANTED AREA ALONG STREET SIDE OF PARKING LOT FRONTAGE
SPECIAL PARKING DISTRICT: NONE
VEHICULAR PARKING CALCULATION:
TOTAL SCHOOL STAFF MEMBERS: 152
TOTAL STUDENTS ENROLLED: 1513
REQUIRED: AS DETERMINED BY CITY MANAGER OR DESIGNEE.
BICYCLE PARKING:
REQUIRED: 5% OF VEHICLE PARKING
OFF-STREET PARKING:
VEHICULAR REQUIRED: TO BE DETERMINED BY CITY MANAGER
VEHICULAR PROVIDED: 198 SPACES (TOTAL)
BICYCLE PROVIDED: 10
*PROVIDE AT LEAST 2 BIKE RACKS WITH AT LEAST FIVE BICYCLE PARKING SPOTS EACH.

PROPOSED LEGEND

PEDESTRIAN RATED CONCRETE SIDEWALK	
TRAFFIC RATED CONCRETE PAVEMENT	
TRAFFIC RATED PERMEABLE PAVERS	
ASPHALT PAVEMENT	
HEAVY DUTY ASPHALT PAVEMENT	
STREET YARD BUFFER (COLLECTOR STREET)	

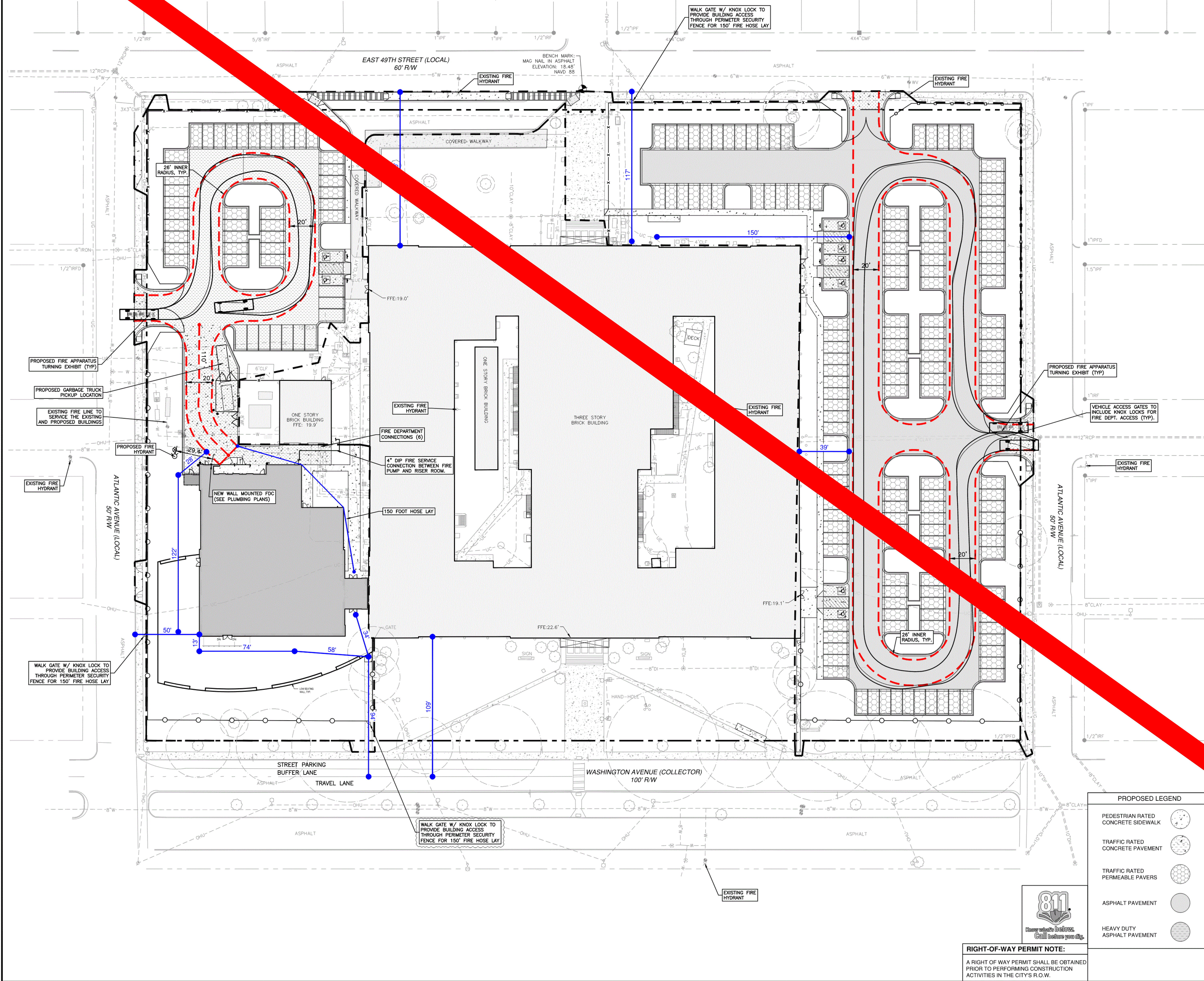


VEHICLE GATE NOTE:
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RIGHT-OF-WAY PERMIT NOTE:
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SITE NOTES:

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 PROJECT AREA: 7.701 ACRES

SITE ZONING:
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 WASHINGTON AVE: 10' REQUIRED (COLLECTOR STREET)

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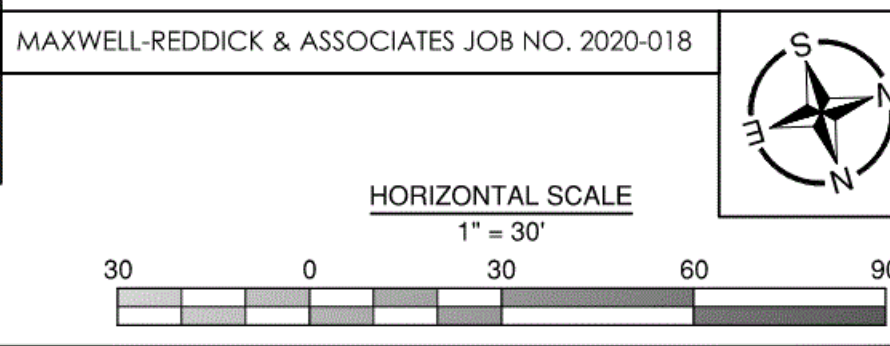
OFF-STREET PARKING:
 VEHICULAR REQUIRED: TO BE DETERMINED BY CITY MANAGER
 VEHICULAR PROVIDED: 200 SPACES (TOTAL)

BICYCLE REQUIRED: 10
 *PROVIDE AT LEAST 2 BIKE RACKS WITH AT LEAST FIVE BICYCLE PARKING SPOTS EACH.

PROPOSED LEGEND

PEDESTRIAN RATED CONCRETE SIDEWALK	
TRAFFIC RATED CONCRETE PAVEMENT	
TRAFFIC RATED PERMEABLE PAVERS	
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 SUITE 100
 SAVANNAH, GA 31406

KEY PLAN:

SHEET TITLE:
 FIRE ACCESS PLAN

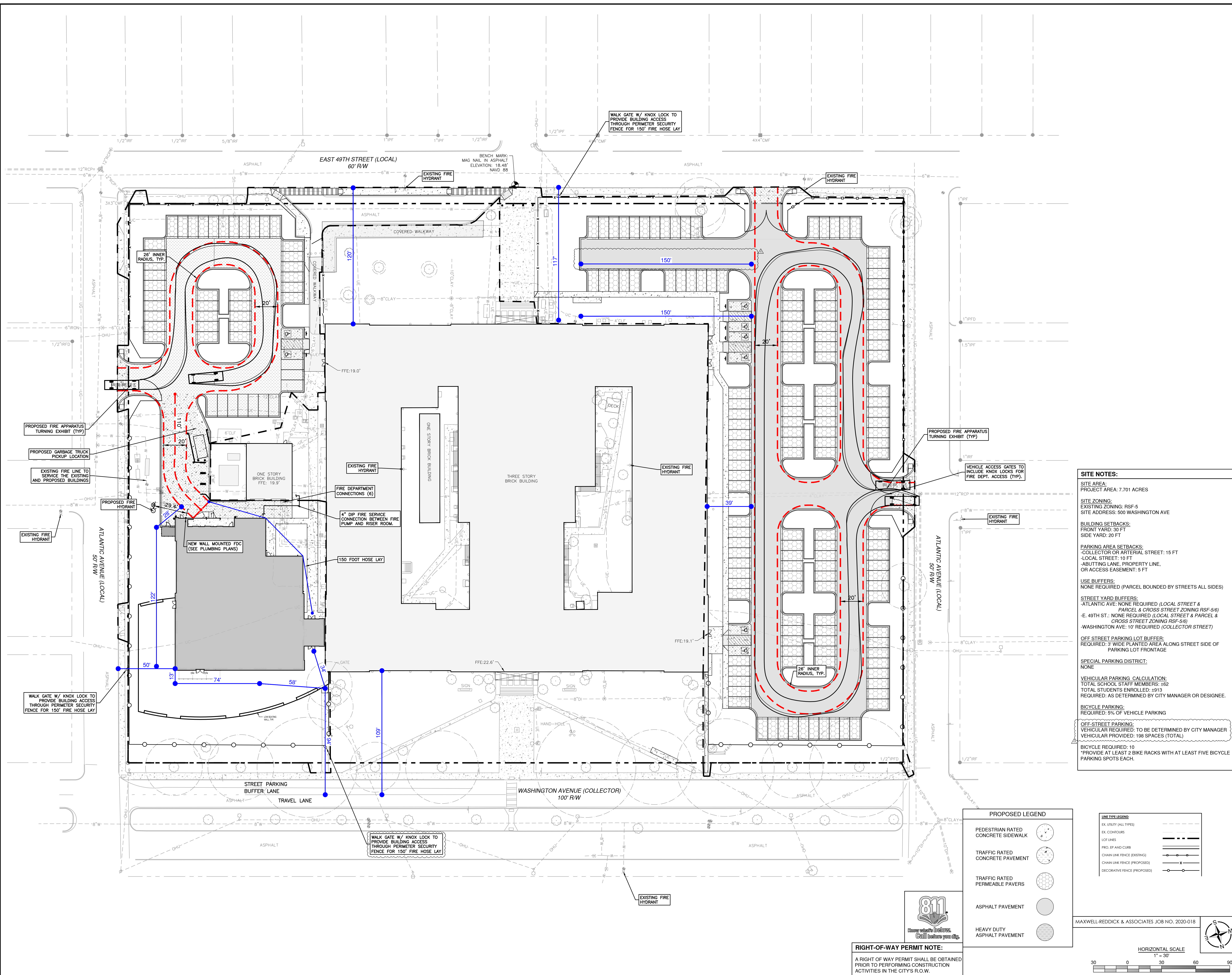
REVISION SCHEDULE

DATE	DESCRIPTION

PROJECT: 1916
 DATE: FEB 2022
 DRAWN BY: JVM
 SCALE: AS SHOWN
 SHEET:

Z:\MAXWELL-REDDICK & ASSOCIATES\JOBS\2020\2020-018 COGDELL & MENDRALA - SAVANNAH ARTS ACADEMY\ENGINEERING\DESIGN\DRAWINGS\SAV-ARTS_MAIN.DWG

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SITE NOTES:
 SITE AREA: PROJECT AREA: 7.701 ACRES
 SITE ZONING: EXISTING ZONING: RSF-5
 SITE ADDRESS: 500 WASHINGTON AVE
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 BICYCLE REQUIRED: 10
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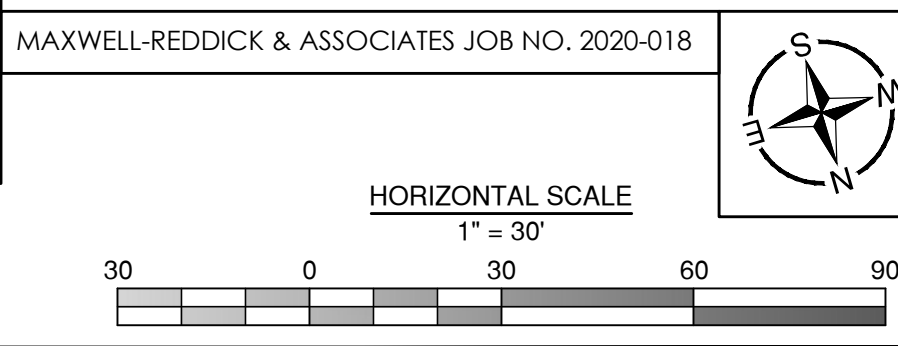
PROPOSED LEGEND

PEDESTRIAN RATED CONCRETE SIDEWALK	
TRAFFIC RATED CONCRETE PAVEMENT	
TRAFFIC RATED PERMEABLE PAVERS	
ASPHALT PAVEMENT	
HEAVY DUTY ASPHALT PAVEMENT	

LINE TYPE LEGEND

EX. UTILITY (ALL TYPES)	
EX. CONCOURSE	
LOT LINES	
PROP. SP AND CURB	
CHAIN LINE FENCE (EXISTING)	
CHAIN LINE FENCE (PROPOSED)	
DECORATIVE FENCE (PROPOSED)	

RIGHT-OF-WAY PERMIT NOTE:
 A RIGHT OF WAY PERMIT SHALL BE OBTAINED PRIOR TO PERFORMING CONSTRUCTION ACTIVITIES IN THE CITY'S R.O.W.

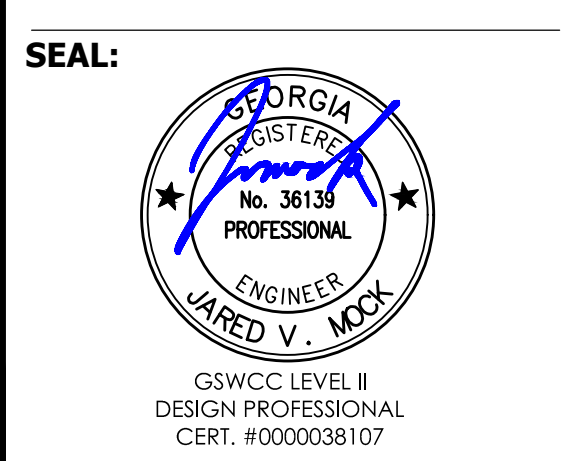


VOL. II SAVANNAH ARTS ACADEMY ADDITION
 500 WASHINGTON AVENUE
 SAVANNAH, GA 31405
 SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
 GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

CogdelMendralaArchitects
 COGDELL & MENDRALA ARCHITECTS, PC
 517 EAST CONGRESS STREET
 SAVANNAH, GEORGIA 31401
 TEL 912.234.6318
 FAX 912.236.8414
 cogdel@mendrala.com



PROJECT CONSULTANTS:
 CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
 40 JOE KENNEDY BLVD.
 STATESBORO, GA 30458
 STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
 400 E. JOHNNY MERCER BOULEVARD
 SAVANNAH, GA 31410
 MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
 7402 HODGSON MEMORIAL DRIVE,
 SUITE 100
 SAVANNAH, GA 31410

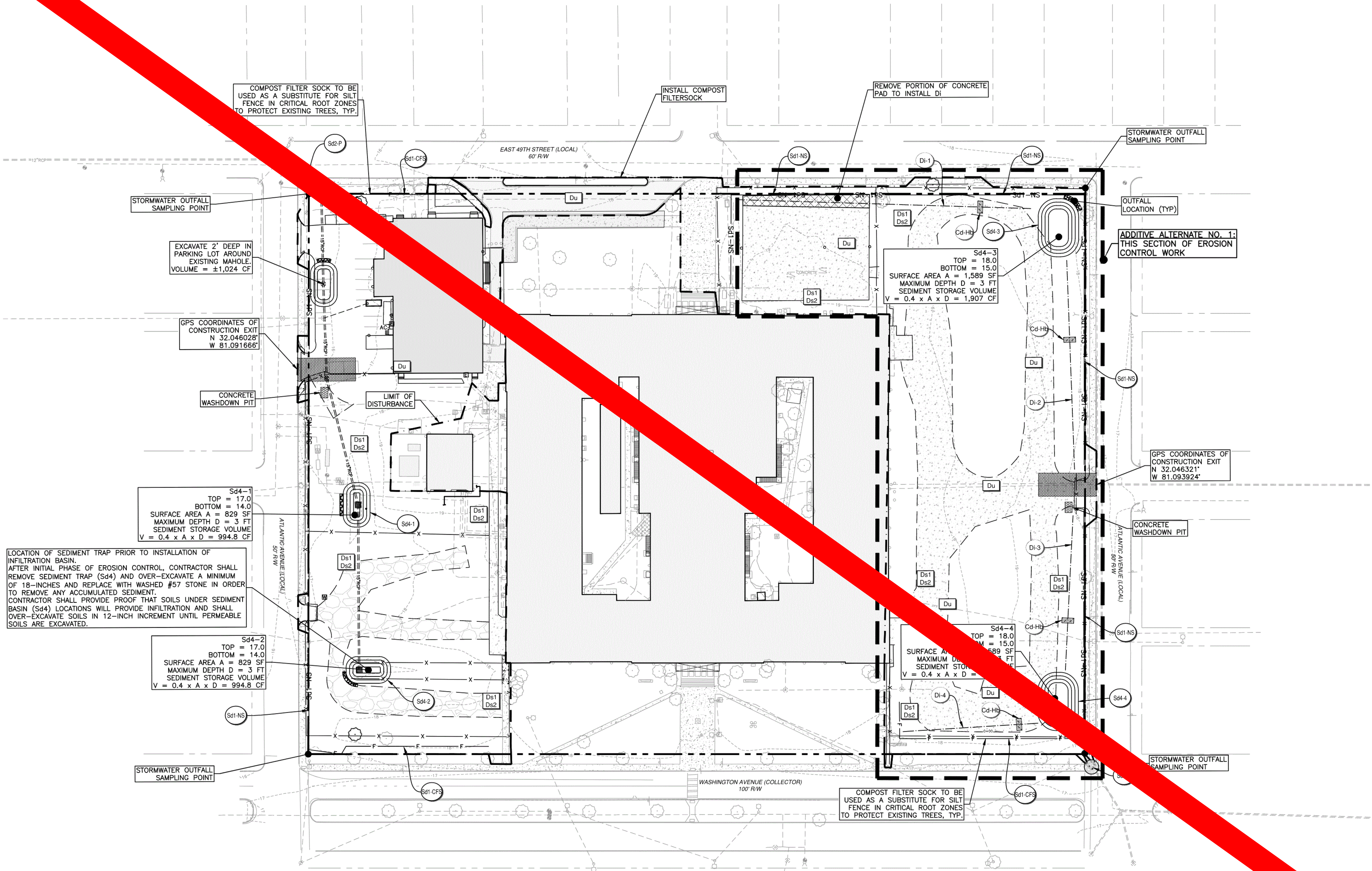
KEY PLAN:

SHEET TITLE:
FIRE ACCESS PLAN

REVISION SCHEDULE

DATE	DESCRIPTION
03/11/22	ADDENDUM #1

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JVM
SCALE: AS SHOWN
SHEET: C2.1



NUMBER CORRESPONDS TO THE GEORGIA "EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST" (STAND ALONE CONSTRUCTION PROJECT)

SOIL EROSION CONTROL NOTES:

- TOTAL DISTURBED ACREAGE: 4.4 ACRES
- STATE WATERS THAT REQUIRE A BUFFER ARE NOT LOCATED WITHIN 200 FT OF THE PROJECT SITE
- CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION AND FOR AVOIDING CONFLICT WITH THE SAME. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
- ALL DISTURBED AREAS FROM NEW CONSTRUCTION ACTIVITIES WILL BE SEEDED, MULCHED, FERTILIZED AND WATERED TO PROMOTE A SUFFICIENT GROUND COVER THAT WILL PREVENT SOIL EROSION. SUFFICIENT COVERAGE SHALL BE AS SPECIFIED IN THE MANUAL FOR EROSION CONTROL IN GEORGIA.
- DRAINAGE: ALL EXCAVATION SHALL BE PERFORMED SO THAT THE SITE AND THE AREA IMMEDIATELY SURROUNDING THE SITE WHICH EFFECTS THE OPERATIONS WILL BE CONTINUALLY AND EFFECTIVELY DRAINED. SURFACE WATER, GROUND WATER, OR ANY PERCHED WATER WHICH MIGHT BE ENCOUNTERED DURING EXCAVATIONS SHALL BE REMOVED BY ANY ACCEPTABLE MEANS APPROVED BY THE ENGINEER.
- ALL DISTURBED AREAS SHALL BE GRASSED AND MULCHED AS SPECIFIED ON THE SOIL EROSION CONTROL NOTES SHEET C3.3-1.7.
- NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN 25 OR 50 FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES OR PERMITS.
- AS PER NPDES REGULATION CHANGES, SOIL EROSION & SEDIMENTATION CONTROL PLANS SHALL NOW BE BROKEN UP INTO THREE PHASES AS FOLLOWS: AN INITIAL PERIMETER CONTROL PHASE, AN INTERMEDIATE PHASE FOR GRADING & DRAINAGE, & A FINAL PHASE FOR STABILIZATION. THE EROSION CONTROL DEVICE INSTALLATION SHALL BE PHASED IN THE FOLLOWING MANNER:
 - ALL PERIMETER CLEARING AND GRUBBING SHALL BE PERFORMED DURING THE INSTALLATION OF PERIMETER EROSION CONTROL DEVICES PRIOR TO ANY OTHER CLEARING AS TO AVOID CONFLICTS DURING CLEARING AND GRUBBING OF THE ENTIRE SITE. THE TEMPORARY SEDIMENT BASIN SHALL BE INSTALLED PRIOR TO BEGINNING THE INTERMEDIATE PHASE.
 - ALL INTERMEDIATE GRADING AND DRAINAGE BMPs SHALL BE INSTALLED DURING THE INSTALLATION OF THE DRAINAGE SYSTEM.
 - ONCE FINAL STABILIZATION HAS BEEN ACHIEVED ON THE SITE, ALL TEMPORARY INTERMEDIATE BMPs SHALL BE REMOVED AND SHALL CONSIST OF AND NOT LIMITED TO REMOVAL OF SILT FENCE, INLET SEDIMENT TRAPS, AND RETROFIT.
- SEE SHEET C3.3-7 FOR NOTES AND DETAILS.
- SITE LOCATED IN SAVANNAH, CHATHAM COUNTY, GA
- PARCEL ID: 20038 12001
- DRAINAGE: ON SITE = ±7.7 AC
OFF SITE = ±0 AC

SEDIMENT STORAGE NOTES:

SEDIMENT STORAGE IN THE INITIAL PHASE SHALL BE PROVIDED BY THE TEMPORARY SEDIMENT TRAPS AND IN THE INTERMEDIATE AND FINAL PHASES BY THE PROPOSED EXCAVATED INLET SEDIMENT TRAPS. SAID TRAPS WILL PROVIDE 355.6 CY (80.8 CY/AC) OF SEDIMENT STORAGE IN THE INITIAL PHASE AND THE EXCAVATED INLET TRAPS WILL PROVIDE 322.7 (73.3 CY/AC) CY OF STORAGE IN THE INTERMEDIATE AND FINAL STAGES.

REQUIRED STORAGE = 4.4 AC X 67 CY/AC = 294.8 CY
 PROVIDED STORAGE (INITIAL) = 4.4 AC X 80.8 CY/AC = 355.6 CY
 PROVIDED STORAGE (INT. & FINAL) = 4.4 AC X 73.3 CY/AC = 322.7 CY

FLOOD ZONE NOTE

AS OF THE DATE OF THIS SURVEY, BASED ON MY OBSERVATION THIS PROPERTY IS LOCATED IN ZONE X, NOT A SPECIAL FLOOD HAZARD AREA AS DETERMINED BY FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP NUMBERS 13051C0186G, EFFECTIVE DATE: 8/16/2018. FEMA MAPS ARE SUBJECT TO REVISIONS AND AMENDMENTS AND SHOULD BE REVIEWED PRIOR TO CONSTRUCTION.

BMP MAINTENANCE/REMOVAL SCHEDULE:

- PRIOR TO ANY OTHER DISTURBANCES, INSTALL Co, Sd1-NS, Sd1-CFS, AND Tr.
- PERFORM MINIMAL CLEARING TO ALLOW FOR INSTALLATION OF Sd4, Di, AND Cd-Hb.
- INSTALL ALL Di AND Cd-S.
- IMPLEMENT & MAINTAIN ALL Du, Ds1, & Ds2 AS CONSTRUCTION PROCEEDS.

RIGHT-OF-WAY PERMIT NOTE:

A RIGHT OF WAY PERMIT SHALL BE OBTAINED PRIOR TO PERFORMING CONSTRUCTION ACTIVITIES IN THE CITY'S R.O.W.



SOILS INFORMATION:

U: URBAN LAND

WETLANDS NOTE

"ALL TIDAL AND NON-TIDAL TRIBUTARIES, MARSH AREAS AND WETLANDS ARE UNDER THE JURISDICTION OF THE CORPS OF ENGINEERS AND/OR THE STATE OF GEORGIA DEPARTMENT OF NATURAL RESOURCES. OWNERS ARE SUBJECT TO PENALTY BY LAW FOR DISTURBANCE OF THESE PROTECTED AREAS WITHOUT PROPER PERMIT APPLICATION AND APPROVAL FROM THOSE AGENCIES."

NO WETLANDS ARE PRESENT ON SITE.

DESIGN PROFESSIONAL'S CERTIFICATION

I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND EFFECTIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENTS FOR EROSION CONTROL IN GEORGIA (MANUAL) PUBLISHED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION. I AM A MEMBER OF THE BOARD OF PROFESSIONAL ENGINEERS OF THE YEAR IN WHICH THE LAND DISTURBING ACTIVITY IS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER BODY AND THE DESIGNATED SYSTEM OF BEST MANAGEMENT PRACTICES AND METHODS IS EXPECTED TO MEET THE REQUIREMENTS OF THE GENERAL NPDES PERMIT NO. GAR 100001."

I CERTIFY UNDER PENALTY OF LAW THAT I WAS PREPARED AFTER A SITE VISIT TO THE LOCATION DESCRIBED HERE IN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION."

[Signature]

HORIZONTAL SCALE
1" = 40'

**24-HOUR EMERGENCY CONTACT
DREVON JONES (912) 395-1209**

DESIGN PROFESSIONAL 7 DAY SITE VISIT CERTIFICATION:

DATE OF INSPECTION: _____

I CERTIFY THE SITE WAS IN COMPLIANCE WITH THE ES&PC PLAN ON THE DATE OF INSPECTION.

GSWCC LEVEL II DESIGN PROFESSIONAL CERT. # _____

INSPECTION REVEALED THE FOLLOWING DISCREPANCIES FROM THE ES&PC PLAN:

THESE DISCREPANCIES MUST BE ADDRESSED IMMEDIATELY AND A RE-INSPECTION SCHEDULED. WORK SHALL NOT PROCEED ON THE SITE UNTIL DESIGN PROFESSIONAL CERTIFICATION IS OBTAINED.

SOIL EROSION CONTROL LEGEND:

Co	CONSTRUCTION EXIT	Tr	TREE PROTECTION
Di	DIVERSION	Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
Sd1-NS	SEDIMENT BARRIER (TYPE NS)	Ds2	DISTURBED AREA STABILIZATION (WITH TEMP SEEDING)
Sd1-CFS	SEDIMENT BARRIER (TYPE CFS)	Ds3	DISTURBED AREA STABILIZATION (WITH PERM SEEDING)
Sd2	INLET SEDIMENT TRAP (TYPE F, P, & G)	Du	DUST CONTROL ON DISTURBED AREAS

INITIAL PHASE DESCRIPTION:

- PRIOR TO ANY OTHER DISTURBANCES, INSTALL PERIMETER BMPs SUCH AS Co, Sd1-NS, Sd1-CFS, AND Tr.
- PERFORM MINIMAL SITE CLEARING TO ALLOW FOR INSTALLATION OF Sd4, Di, AND Cd-Hb.
- PROCEED WITH DEMOLITION ACCORDING TO THE DEMOLITION PLAN SHEET. INSTALL ALL Di AND Cd-S.
- IMPLEMENT & MAINTAIN ALL Du, Ds1, & Ds2 AS CONSTRUCTION PROCEEDS.

VOL. II SAVANNAH ARTS ACADEMY ADDITION
 500 WASHINGTON AVENUE
 SAVANNAH, GA 31405
GMP CONSTRUCTION DOCUMENTS

FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

CogdellMendralaArchitects
 COGDELL & MENDRALA ARCHITECTS, PC
 517 EAST CONGRESS STREET
 SAVANNAH, GEORGIA 31401
 TEL 912.234.6318
 FAX 912.236.8414
 cogdellmendrala.com

SEAL:

GSWCC LEVEL II
 DESIGN PROFESSIONAL
 CERT. #000003107

PROJECT CONSULTANTS:

CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
 40 JOE KENNEDY BLVD.
 STATESBORO, GA 30458

STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
 400 E. JOHNNY MERCER BOULEVARD
 SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
 7402 HODGSON MEMORIAL DRIVE,
 SUITE 100
 SAVANNAH, GA 31406

KEY PLAN:

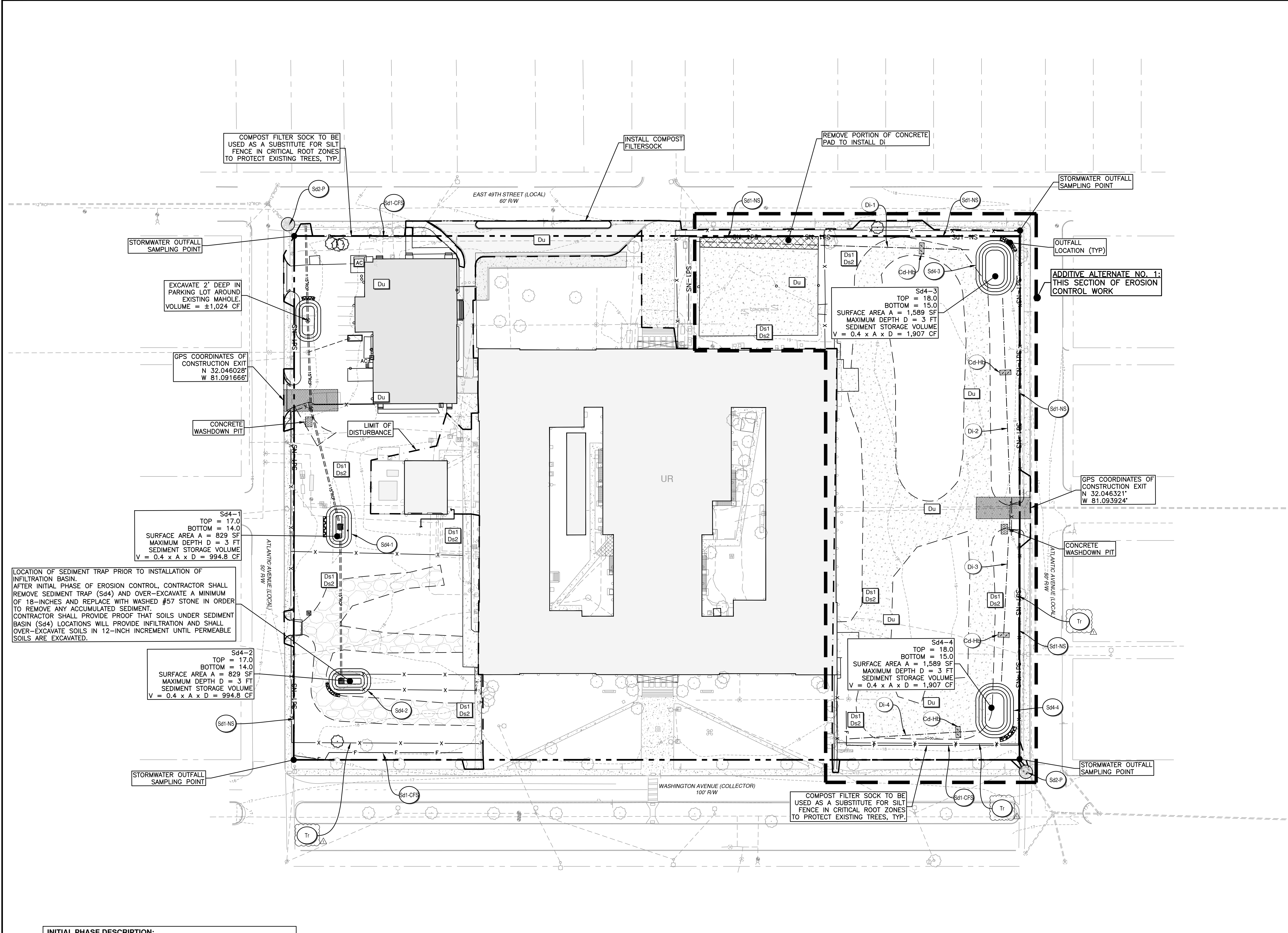
SHEET TITLE:
INITIAL SOIL EROSION CONTROL PLAN

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT: 1916
DATE: FEB 2022
DRAWN BY: JWM
SCALE: AS SHOWN

SHEET:

Z:\MAXWELL-REDDICK & ASSOCIATES\JOBS\2020\2020-018 COGDELL & MENDRALA - SAVANNAH ARTS ACADEMY\ENGINEERING\DESIGN\DRAWINGS\SAV-ARTS_MAIN.DWG



INITIAL PHASE DESCRIPTION:

- PRIOR TO ANY OTHER DISTURBANCES, INSTALL PERIMETER BMPs SUCH AS Co, Sd1-NS, Sd1-CFS, AND Tr.
- PERFORM MINIMAL SITE CLEARING TO ALLOW FOR INSTALLATION OF Sd4, DI, AND Cd-Hb.
- PROCEED WITH DEMOLITION ACCORDING TO THE DEMOLITION PLAN SHEET. INSTALL ALL DI AND Cd-S.
- IMPLEMENT & MAINTAIN ALL Du, Ds1, & Ds2 AS CONSTRUCTION PROCEEDS.

24-HOUR EMERGENCY CONTACT
DREYON JONES (912) 395-1209

DESIGN PROFESSIONAL 7 DAY SITE VISIT CERTIFICATION:

DATE OF INSPECTION: _____

I CERTIFY THE SITE WAS IN COMPLIANCE WITH THE ES&PC PLAN ON THE DATE OF INSPECTION.

GSWCC LEVEL II DESIGN PROFESSIONAL CERT. # _____

INSPECTION REVEALED THE FOLLOWING DISCREPANCIES FROM THE ES&PC PLAN:

THESE DISCREPANCIES MUST BE ADDRESSED IMMEDIATELY AND A RE-INSPECTION SCHEDULED. WORK SHALL NOT PROCEED ON THE SITE UNTIL DESIGN PROFESSIONAL CERTIFICATION IS OBTAINED.

SOIL EROSION CONTROL LEGEND:

Co	CONSTRUCTION EXIT	Tr	TREE PROTECTION
Di	DIVERSION	Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
Sd1-NS	SEDIMENT BARRIER (TYPE NS)	Ds2	DISTURBED AREA STABILIZATION (WITH TEMP SEEDING)
Sd1-CFS	SEDIMENT BARRIER (TYPE CFS)	Ds3	DISTURBED AREA STABILIZATION (WITH FERM SEEDING)
Sd2	INLET SEDIMENT TRAP (TYPE F, P, & G)	Du	DUST CONTROL ON DISTURBED AREAS

NUMBER CORRESPONDS TO THE GEORGIA EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST (STAND ALONE CONSTRUCTION PROJECT)

SOIL EROSION CONTROL NOTES:

TOTAL ACREAGE = 37.7 ACRES

- TOTAL DISTURBED ACREAGE: 4.4 ACRES
- STATE WATERS THAT REQUIRE A BUFFER ARE NOT LOCATED WITHIN 200 FT OF THE PROJECT SITE.
- CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION AND FOR AVOIDING CONFLICT WITH THE SAME. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
- ALL DISTURBED AREAS FROM NEW CONSTRUCTION ACTIVITIES WILL BE SEED, MULCH, FERTILIZED AND WATERED TO PROMOTE A SUFFICIENT GROUND COVER THAT WILL PREVENT SOIL EROSION. SUFFICIENT COVERAGE SHALL BE AS SPECIFIED IN THE MANUAL FOR EROSION CONTROL IN GEORGIA.
- DRAINAGE: ALL EXCAVATION SHALL BE PERFORMED SO THAT THE SITE AND THE AREA IMMEDIATELY SURROUNDING THE SITE WHICH EFFECTS THE OPERATIONS WILL BE CONTINUALLY AND EFFECTIVELY DRAINED. SURFACE WATER, GROUND WATER, OR ANY PERCHED WATER WHICH MIGHT BE ENCOUNTERED DURING EXCAVATIONS SHALL BE REMOVED BY ANY ACCEPTABLE MEANS APPROVED BY THE ENGINEER.
- ALL DISTURBED AREAS SHALL BE GRASSED AND MULCHED AS SPECIFIED ON THE SOIL EROSION CONTROL NOTES SHEET C3.3-1.7.
- NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN 25 OR 50 FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES OR PERMITS.
- AS PER NPDES REGULATION CHANGES, SOIL EROSION & SEDIMENTATION CONTROL PLANS SHALL NOW BE BROKEN UP INTO THREE PHASES AS FOLLOWS: AN INITIAL PHASE FOR GRADING, AN INTERMEDIATE PHASE FOR GRADING & DRAINAGE, & A FINAL PHASE FOR STABILIZATION. THE EROSION CONTROL DEVICE INSTALLATION SHALL BE PHASED IN THE FOLLOWING MANNER:
 - ALL PERMETER CLEARING AND GRUBBING SHALL BE PERFORMED DURING THE INSTALLATION OF PERIMETER EROSION CONTROL DEVICES PRIOR TO ANY OTHER CLEARING AS TO AVOID CONFLICTS DURING CLEARING AND GRUBBING OF THE ENTIRE SITE. THE TEMPORARY SEDIMENT BASIN SHALL BE INSTALLED PRIOR TO BEGINNING THE INTERMEDIATE PHASE.
 - ALL INTERMEDIATE GRADING AND DRAINAGE BMPs SHALL BE INSTALLED DURING THE INSTALLATION OF THE DRAINAGE SYSTEM.
 - ONCE FINAL STABILIZATION HAS BEEN ACHIEVED ON THE SITE, ALL TEMPORARY INTERMEDIATE BMPs SHALL BE REMOVED AND SHALL CONSIST OF AND NOT LIMITED TO REMOVAL OF SILT FENCE, INLET SEDIMENT TRAPS, AND RETROFIT.
- SEE SHEET C3.3-1.7 FOR NOTES AND DETAILS.
- SITE LOCATED IN SAVANNAH, CHATHAM COUNTY, GA
- PARCEL ID: 20038 12001.
- DRAINAGE: ON SITE = 37.7 AC
OFF SITE = 30 AC

SEDIMENT STORAGE NOTES:

SEDIMENT STORAGE IN THE INITIAL PHASE SHALL BE PROVIDED BY THE TEMPORARY SEDIMENT TRAPS AND IN THE INTERMEDIATE AND FINAL PHASES BY THE PROPOSED EXCAVATED INLET SEDIMENT TRAPS. SAID TRAPS WILL PROVIDE 355.6 CY (80.8 CY/AC) OF SEDIMENT STORAGE IN THE INITIAL PHASE AND THE EXCAVATED INLET TRAPS WILL PROVIDE 322.7 (73.3 CY/AC) CY OF STORAGE IN THE INTERMEDIATE AND FINAL STAGES.

REQUIRED STORAGE = 4.4 AC X 67 CY/AC = 294.8 CY

PROVIDED STORAGE (INITIAL) = 4.4 AC X 80.8 CY/AC = 355.6 CY

PROVIDED STORAGE (INT. & FINAL) = 4.4 AC X 73.3 CY/AC = 322.7 CY

FLOOD ZONE NOTE

AS OF THE DATE OF THIS SURVEY, BASED ON MY OBSERVATION THIS PROPERTY IS LOCATED IN ZONE X, NOT A SPECIAL FLOOD HAZARD AREA AS DETERMINED BY FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP NUMBERS 130510016G & 130510016G. EFFECTIVE DATE: 8/16/2018. FEMA MAPS ARE SUBJECT TO REVISIONS AND AMENDMENTS AND SHOULD BE REVIEWED PRIOR TO CONSTRUCTION.

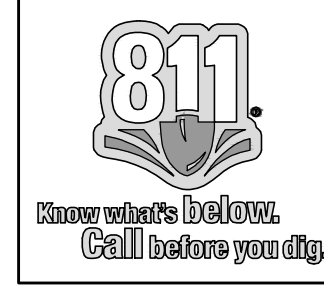
BMP MAINTENANCE/REMOVAL SCHEDULE:

- PRIOR TO ANY OTHER DISTURBANCES, INSTALL Co, Sd1-NS, Sd1-CFS, AND Tr.
- PERFORM MINIMAL CLEARING TO ALLOW FOR INSTALLATION OF Sd4, DI, AND Cd-Hb.
- INSTALL ALL DI AND Cd-S.
- IMPLEMENT & MAINTAIN ALL Du, Ds1, & Ds2 AS CONSTRUCTION PROCEEDS.

MAXWELL-REDDICK & ASSOCIATES JOB NO. 2020-018

RIGHT-OF-WAY PERMIT NOTE:

A RIGHT OF WAY PERMIT SHALL BE OBTAINED PRIOR TO PERFORMING CONSTRUCTION ACTIVITIES IN THE CITY'S R.O.W.



SOILS INFORMATION:

• Ur: URBAN LAND

WETLANDS NOTE

"ALL TIDAL AND NON-TIDAL TRIBUTARIES, MARSH AREAS AND WETLANDS ARE UNDER THE JURISDICTION OF THE CORPS OF ENGINEERS AND/OR THE STATE OF GEORGIA DEPARTMENT OF NATURAL RESOURCES. OWNERS ARE SUBJECT TO PENALTY BY LAW FOR DISTURBANCE OF THESE PROTECTED AREAS WITHOUT PROPER PERMIT APPLICATION AND APPROVAL FROM THOSE AGENCIES."

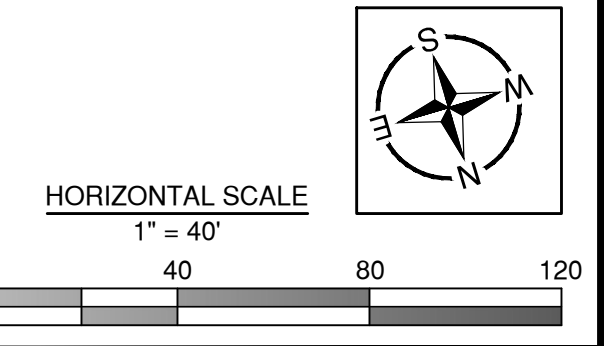
NO WETLANDS ARE PRESENT ON SITE.

DESIGN PROFESSIONAL'S CERTIFICATION

I CERTIFY THAT THE PERMITEE'S EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100001."

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HERE IN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION."

[Signature]



VOL. II SAVANNAH ARTS ACADEMY ADDITION

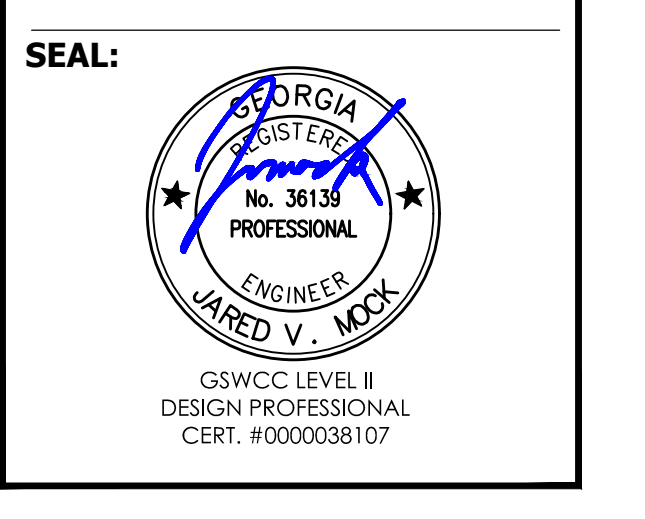
500 WASHINGTON AVENUE
 SAVANNAH, GA 31405

GMP CONSTRUCTION DOCUMENTS

SCCPSS

FACILITY CODE: 1607
 FTE: 1000
 FUNDING: LOCAL EFFORT
 BID NO#: C22-01

CogdellMendralaarchitects
 COGDELL & MENDRALA ARCHITECTS, PC
 517 EAST CONGRESS STREET
 SAVANNAH, GEORGIA 31401
 tel 912.234.6318
 fax 912.236.8414
 cogdellmendrala.com



PROJECT CONSULTANTS:

CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
 40 JOE KENNEDY BLVD.
 STATESBORO, GA 30458

STRUCTURAL ENGINEER
SAUSSY ENGINEERING
 400 E. JOHNNY MERCER BOULEVARD
 SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
 7402 HODGSON MEMORIAL DRIVE,
 SUITE 100
 SAVANNAH, GA 31406

KEY PLAN:

SHEET TITLE:
INITIAL SOIL EROSION CONTROL PLAN

REVISION SCHEDULE	
DATE	DESCRIPTION
03/11/22	ADDENDUM #1

PROJECT NO: 1916
 DATE: FEB 2022
 DRAWN BY: JWM
 SCALE: AS SHOWN

SHEET: **C3.0**

Z:\MAXWELL-REDDICK & ASSOCIATES\JOBS\2020\2020-018 COGDELL & MENDRALA - SAVANNAH ARTS ACADEMY\ENGINEERING\DESIGN\DRAWINGS\SAV-ARTS_MAIN.DWG

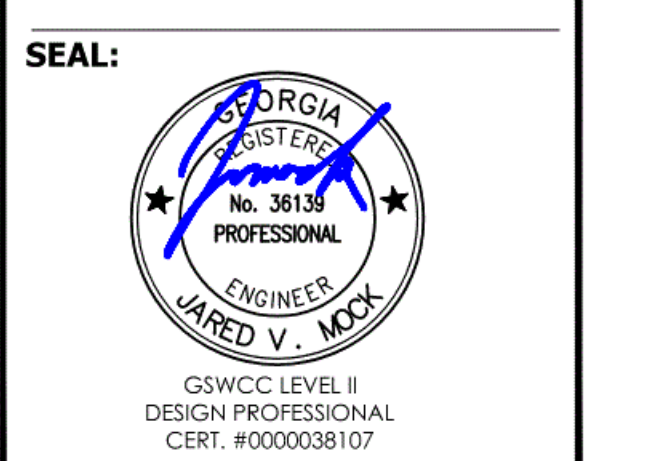
NUMBER CORRESPONDS TO THE GEORGIA EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST (STAND ALONE CONSTRUCTION PROJECT)

VOL. II SAVANNAH ARTS ACADEMY ADDITION 500 WASHINGTON AVENUE SAVANNAH, GA 31405 SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607 FTE: 1000 FUNDING: LOCAL EFFORT BID NO#: C22-01

CogdellMendralaArchitects COGDELL & MENDRALA ARCHITECTS, PC 517 EAST CONGRESS STREET SAVANNAH, GEORGIA 31401



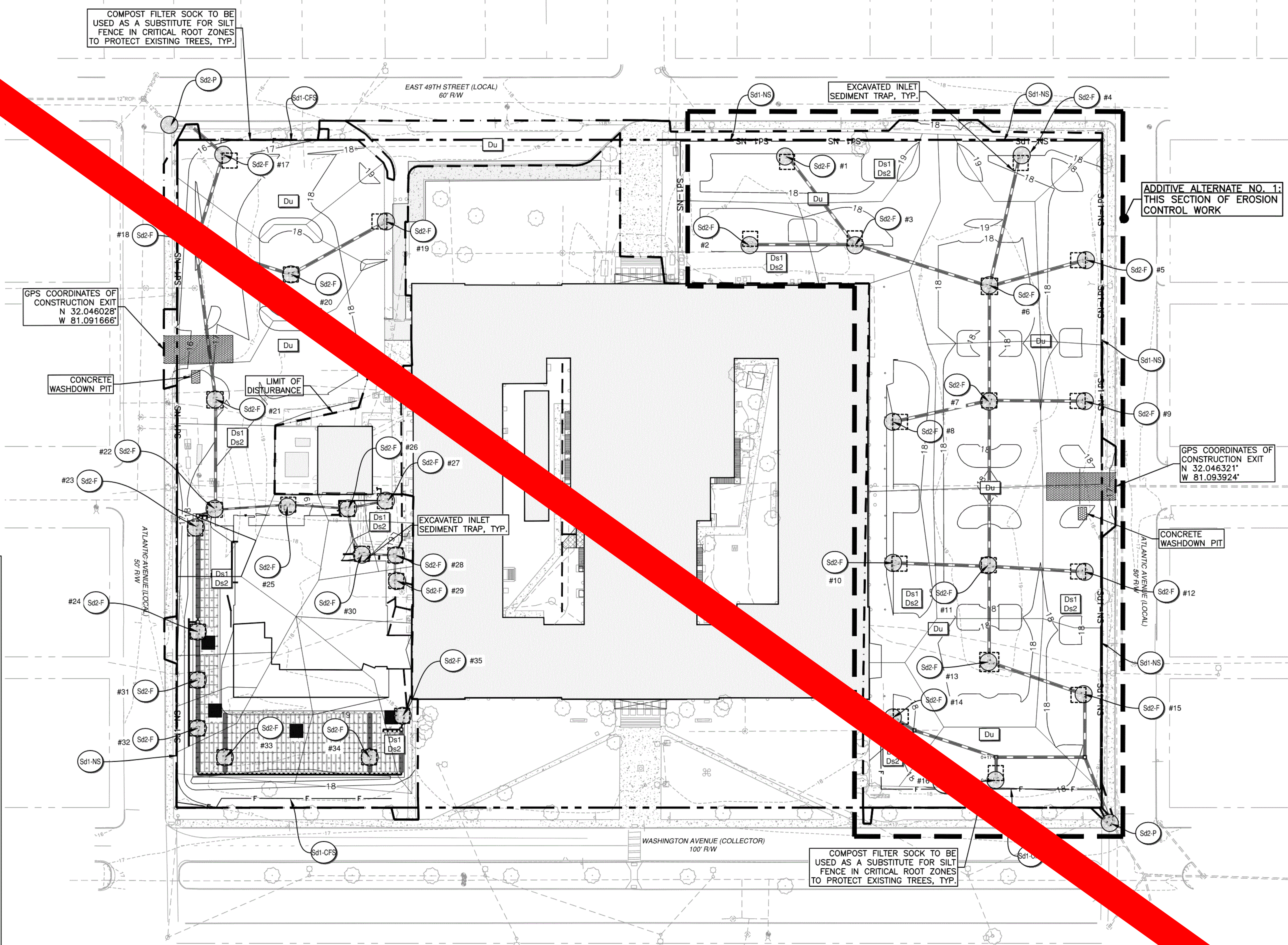
PROJECT CONSULTANTS: CIVIL ENGINEER MAXWELL-REDDICK & ASSOCIATES 40 JOE KENNEDY BLVD. STATESBORO, GA 30458 STRUCTURAL ENGINEER SAUSSY ENGINEERING 400 E. JOHNNY MERCER BOULEVARD SAVANNAH, GA 31410 MECHANICAL & ELECTRICAL ENGINEER DULOHERY WEEKS ENGINEERS 7402 HODGSON MEMORIAL DRIVE, SUITE 100 SAVANNAH, GA 31406

KEY PLAN:

SHEET TITLE: INTERMEDIATE SOIL EROSION CONTROL PLAN

REVISION SCHEDULE table with columns for DATE and DESCRIPTION

PROJECT DATE: FEB 2022 DRAWN BY: JWM SCALE: AS SHOWN SHEET: 1916



SEDIMENT STORAGE NOTES:

SEDIMENT STORAGE IN THE INITIAL PHASE SHALL BE PROVIDED BY THE TEMPORARY SEDIMENT TRAPS AND IN THE INTERMEDIATE AND FINAL PHASES BY THE PROPOSED EXCAVATED INLET SEDIMENT TRAPS. SAID TRAPS WILL PROVIDE 355.6 CY (80.8 CY/AC) OF SEDIMENT STORAGE IN THE INITIAL PHASE AND THE EXCAVATED INLET TRAPS WILL PROVIDE 322.7 (73.3 CY/AC) CY OF STORAGE IN THE INTERMEDIATE AND FINAL STAGES. REQUIRED STORAGE = 4.4 AC X 67 CY/AC = 294.8 CY PROVIDED STORAGE (INITIAL) = 4.4 AC X 80.8 CY/AC = 355.6 CY PROVIDED STORAGE (INT. & FINAL) = 4.4 AC X 73.3 CY/AC = 322.7 CY

FLOOD ZONE NOTE

AS OF THE DATE OF THIS SURVEY, BASED ON MY OBSERVATION THIS PROPERTY IS LOCATED IN ZONE X, NOT A SPECIAL FLOOD HAZARD AREA AS DETERMINED BY FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP NUMBERS 13051C01600 & 13051C01660. EFFECTIVE DATE: 8/16/2018. FEMA MAPS ARE SUBJECT TO REVISIONS AND AMENDMENTS AND SHOULD BE REVIEWED PRIOR TO CONSTRUCTION

BMP MAINTENANCE/REMOVAL SCHEDULE:

- 1. CONTINUE TO MAINTAIN ALL Co, Sd1-NS, Sd1-CFS, Di, Cd, AND Sd4. 2. INSTALL Sd2-F AS STORM SYSTEM IS INSTALLED. 3. INSTALL Sd2-F AND Sd2-P FOR EXISTING STORM STRUCTURES. 4. IMPLEMENT & MAINTAIN ALL Du, Ds1, & Ds2 AS CONSTRUCTION PROCEEDS.

WETLANDS NOTE

"ALL TIDAL AND NON-TIDAL TRIBUTARIES, MARSH AREAS AND WETLANDS ARE UNDER THE JURISDICTION OF THE CORPS OF ENGINEERS AND/OR THE STATE OF GEORGIA DEPARTMENT OF NATURAL RESOURCES. OWNERS ARE SUBJECT TO PENALTY BY LAW FOR DISTURBANCE OF THESE PROTECTED AREAS WITHOUT PROPER PERMIT APPLICATION AND APPROVAL FROM THOSE AGENCIES."

NO WETLANDS ARE PRESENT ONSITE.

MAXWELL-REDDICK & ASSOCIATES JOB NO. 2020-018

RIGHT-OF-WAY PERMIT NOTE:

A RIGHT OF WAY PERMIT SHALL BE OBTAINED PRIOR TO PERFORMING CONSTRUCTION ACTIVITIES IN THE CITY'S R.O.W.



DESIGN PROFESSIONAL'S CERTIFICATION

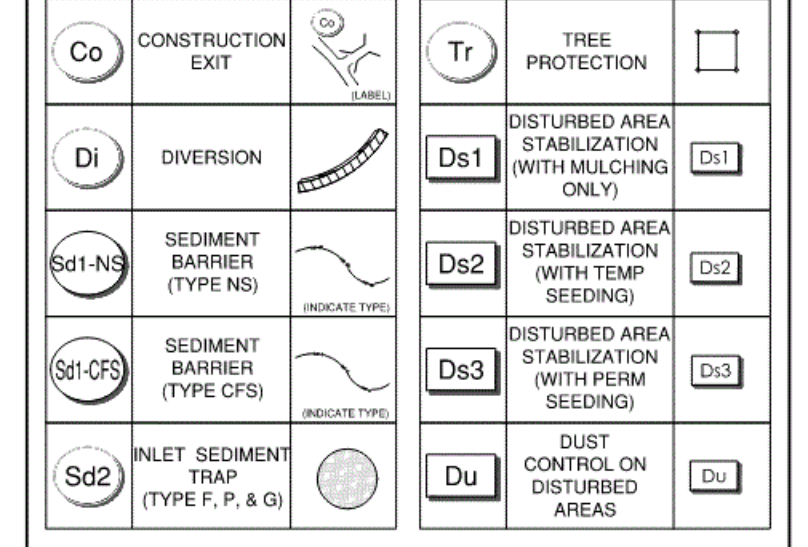
I HEREBY CERTIFY THAT THE PERMITEE'S EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND EFFECTIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENTED EROSION CONTROL IN GEORGIA (MANUAL) PUBLISHED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION AS OF 1/1/2011 OF THE YEAR IN WHICH THE LAND DISTURBING ACTIVITY IS INITIATED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER BODY, AND THE SAMPLING OF THE STORM WATER OUTFALLS AND THE BEST MANAGEMENT SYSTEM OF BEST MANAGEMENT PRACTICES AND METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN GENERAL NPDES PERMIT NO. GAR 100001.

I HAVE PREPARED AFTER A SITE VISIT TO THE LOCALITY SHOWN HERE IN BY MYSELF OR MY AUTHORIZED AGENT, UNDER THE SIGNATURE OF THE DESIGN PROFESSIONAL.

Signature of Drevon Jones, Design Professional

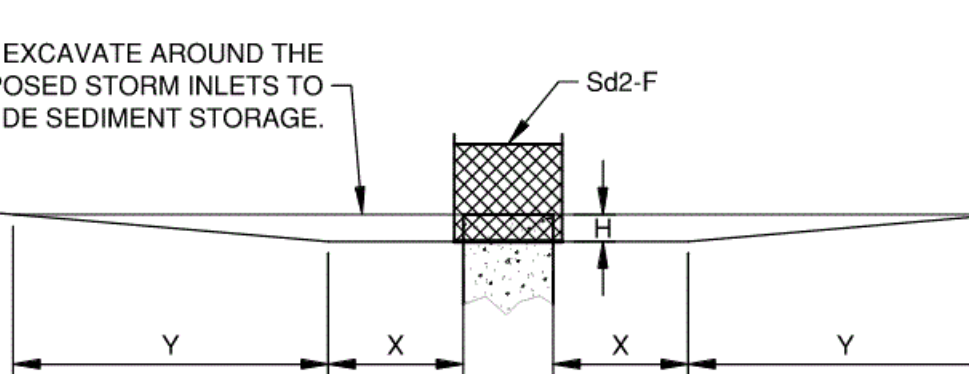
24-HOUR EMERGENCY CONTACT DREVON JONES (912) 395-1209

SOIL EROSION CONTROL LEGEND:

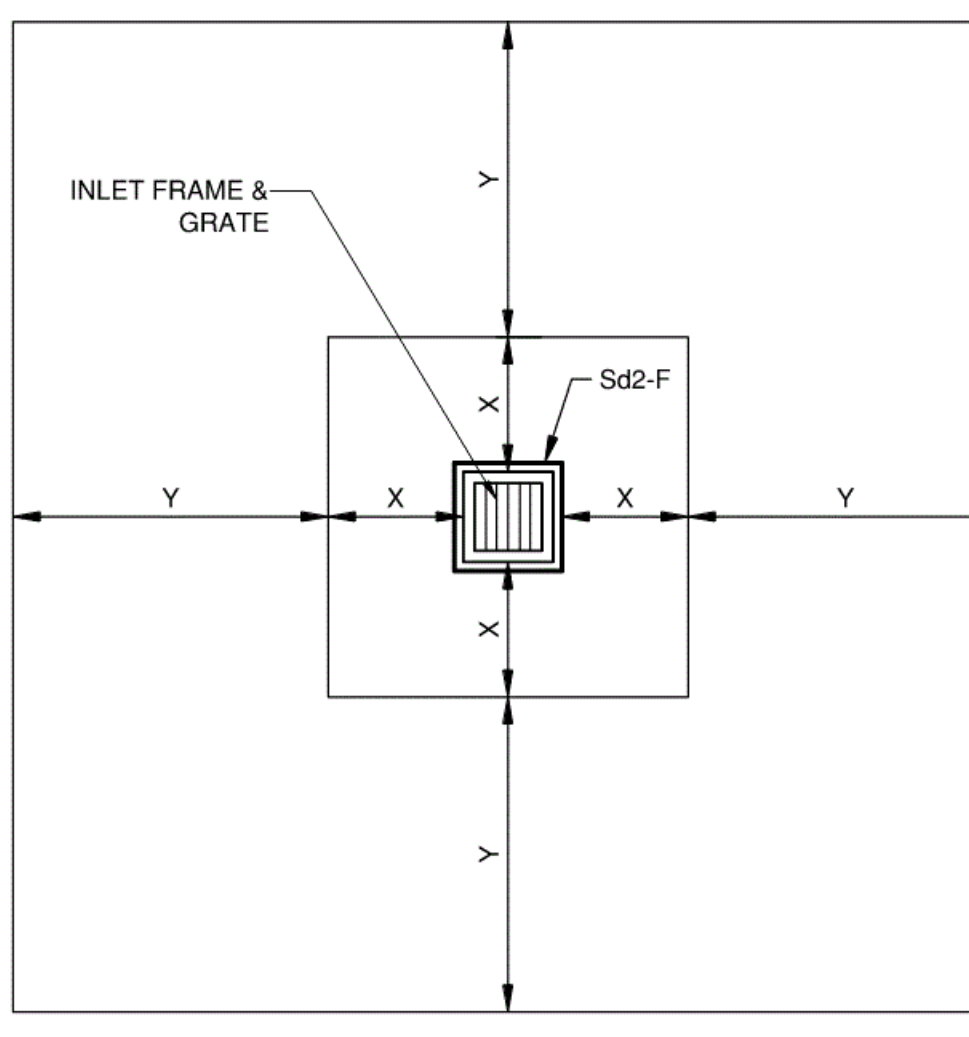


Sd2-F - EXCAVATED INLET SEDIMENT TRAP

- EXCAVATED Sd2-F CALCULATIONS Sd2-F1 1. TOTAL DISTURBED DRAINAGE AREA = 4.4 AC 2. DRAINAGE AREA FOR EACH INLET = 0.13 AC 3. REQUIRED SEDIMENT STORAGE = 67 CY/AC x DRAINAGE AREA REQUIRED SEDIMENT STORAGE = 8.7 CY = 235 CF 4. ASSUME EXCAVATION DEPTH (MIN. 1.5') = 3 FT 5. ASSUME SIDE SLOPES (SHALL NOT BE STEEPER THAN 2:1) = 2:1 6. DETERMINE REQUIRED SURFACE AREA SA_MIN = REQ'D SEDIMENT STORAGE / EXCAVATION DEPTH SA_MIN = 235 CF / 3 FT SA_MIN = 78 SF 7. ASSUME SHAPE OF EXCAVATION AND DETERMINE DIMENSIONS SHAPE: AS SHOWN ON PLAN DIMENSIONS: SEE CALCULATION CHART ON THIS SHEET



SECTION



PLAN

- NOTES: SEDIMENT TRAP IS TO BE CLEANED OUT WHEN VOLUME BECOMES HALF FULL. DIMENSIONS X, Y, AND H VARY BY SEDIMENT TRAP. SEE EROSION CONTROL PLANS AND CALCULATIONS

INTERMEDIATE PHASE DESCRIPTION:

- 1. CONTINUE TO MAINTAIN ALL Co, Sd1-NS, Sd1-CFS, Di, Cd. REMOVE Sd4 FROM INITIAL PHASE AND CLEAR THE SEDIMENT TRAPPED WITHIN. 2. SITE TO BE GRADED AND STABILIZED WITH TEMPORARY VEGETATION TO PREPARE FOR THE INSTALLATION OF BUILDING BASE AND DRIVEWAYS. 3. PROPOSED UTILITIES TO BE INSTALLED, CONNECTED, OR RELOCATED. 4. INSTALL PROPOSED STORM SYSTEM. INSTALL Sd2-F TO PROTECT PROPOSED INLETS AS STORM SYSTEM IS INSTALLED. 5. INSTALL Sd2-F AND Sd2-P FOR THE REMAINING EXISTING STORM STRUCTURES. 6. IMPLEMENT & MAINTAIN ALL Du, Ds1, & Ds2 AS CONSTRUCTION PROCEEDS.

Sd2-F CALCULATION CHART

Table with columns: Sd2-F No., DRAINAGE AREA (AC), RQD. STORAGE (CF), DEPTH (FT), SIDE SLOPES, RQD. SURFACE AREA (SF), DIMENSIONS, DRAINAGE AREA (AC), RQD. STORAGE (CF), DEPTH (FT), SIDE SLOPES, RQD. SURFACE AREA (SF), DIMENSIONS. Rows 1-35.

10/26/2020 10:46:38 AM

Z:\MAXWELL-REDDICK & ASSOCIATES\JOBS\2020\2020-018 COGDELL & MENDRALA - SAVANNAH ARTS ACADEMY\ENGINEERING\DESIGN\DRAWINGS\SAV-ARTS_MAIN.DWG

NUMBER CORRESPONDS TO THE GEORGIA
"EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST"
(STAND ALONE CONSTRUCTION PROJECT)

**VOL. II SAVANNAH ARTS
ACADEMY ADDITION**
500 WASHINGTON AVENUE
SAVANNAH, GA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
GMP CONSTRUCTION DOCUMENTS

SCCPSS
FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

CogdellMendralaArchitects
COGDELL & MENDRALA ARCHITECTS, PC
517 EAST CONGRESS STREET
SAVANNAH, GEORGIA 31401
tel 912.234.6318
fax 912.236.8414
cogdellmendrala.com

PROJECT CONSULTANTS:
CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
40 JOE KENNEDY BLVD.
STATESBORO, GA 30458
STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
400 E. JOHNNY MERCER BOULEVARD
SAVANNAH, GA 31410
MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

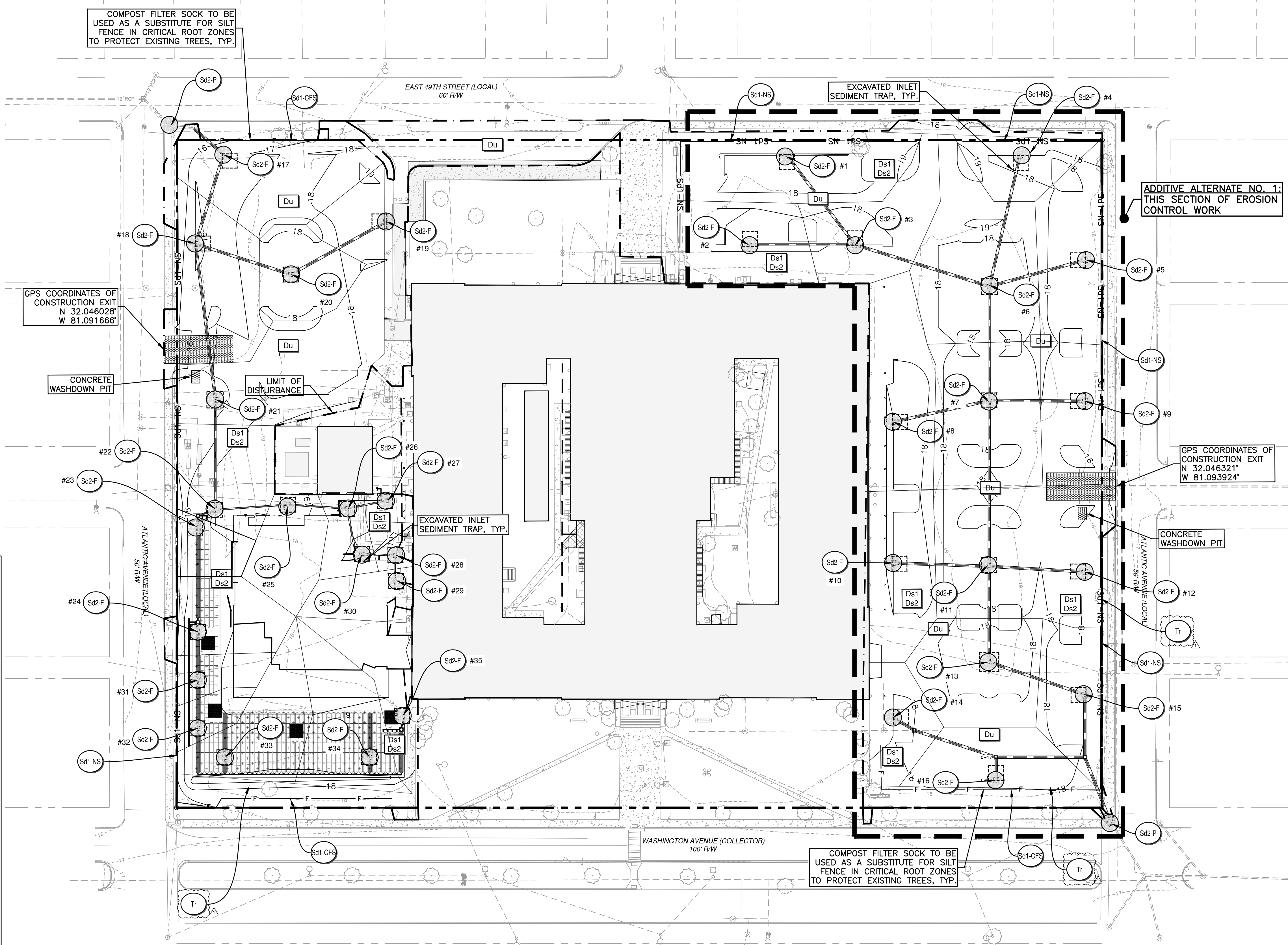
KEY PLAN:

SHEET TITLE:
**INTERMEDIATE
SOIL EROSION
CONTROL PLAN**

REVISION SCHEDULE

DATE	DESCRIPTION
03/11/22	ADDENDUM #1

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JWM
SCALE: AS SHOWN
SHEET: C3.1

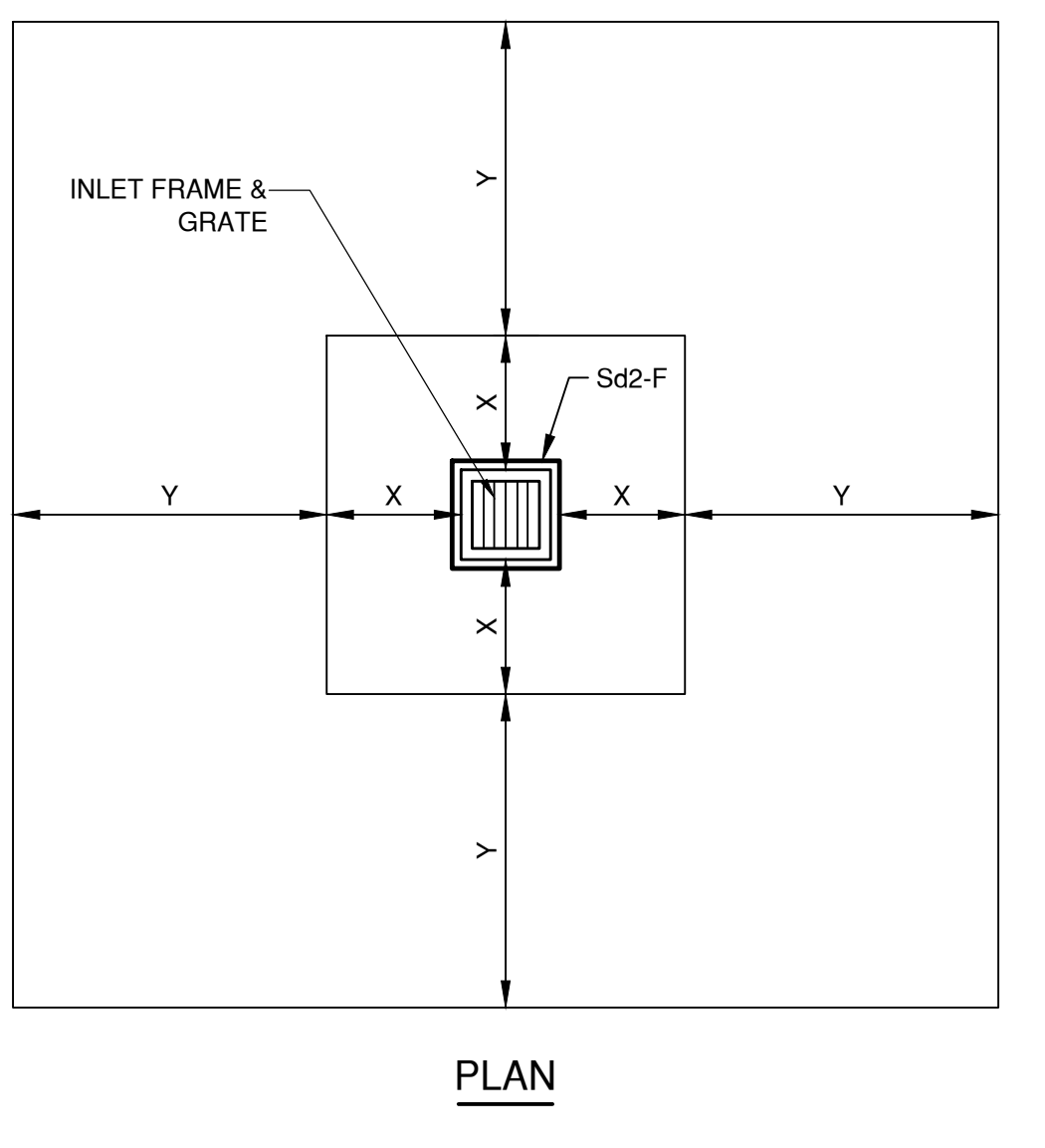
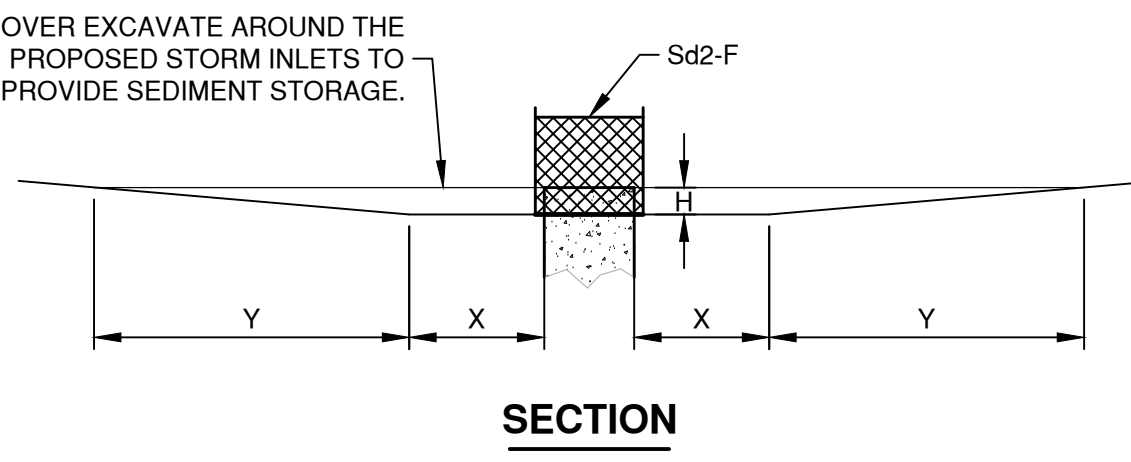


Sd2-F - EXCAVATED INLET SEDIMENT TRAP

EXCAVATED Sd2-F CALCULATIONS

Sd2-F1

- TOTAL DISTURBED DRAINAGE AREA = 4.4 AC
- DRAINAGE AREA FOR EACH INLET = 0.13 AC
- REQUIRED SEDIMENT STORAGE = 67 CY/AC x DRAINAGE AREA
REQUIRED SEDIMENT STORAGE = 8.7 CY = 235 CF
- ASSUME EXCAVATION DEPTH (MIN. 1.5') = 3 FT
- ASSUME SIDE SLOPES (SHALL NOT BE STEEPER THAN 2:1) = 2:1
- DETERMINE REQUIRED SURFACE AREA
SA_{MIN} = REQ'D SEDIMENT STORAGE / EXCAVATION DEPTH
SA_{MIN} = 235 CF / 3 FT
SA_{MIN} = 78 SF
- ASSUME SHAPE OF EXCAVATION AND DETERMINE DIMENSIONS
SHAPE: AS SHOWN ON PLAN
DIMENSIONS: SEE CALCULATION CHART ON THIS SHEET



NOTES:

- SEDIMENT TRAP IS TO BE CLEANED OUT WHEN VOLUME BECOMES HALF FULL.
- DIMENSIONS X, Y, AND H VARY BY SEDIMENT TRAP. SEE EROSION CONTROL PLANS AND CALCULATIONS.

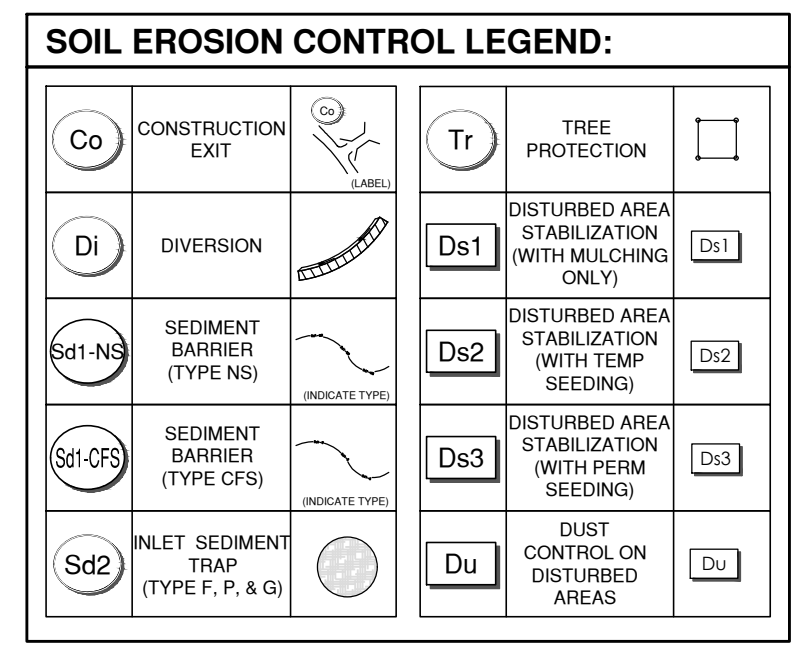
INTERMEDIATE PHASE DESCRIPTION:

- CONTINUE TO MAINTAIN ALL Co, Sd1-NS, Sd1-CFS, D1, Cd, REMOVE Sd4 FROM INITIAL PHASE AND CLEAR THE SEDIMENT TRAPPED WITHIN.
- SITE TO BE GRADED AND STABILIZED WITH TEMPORARY VEGETATION TO PREPARE FOR THE INSTALLATION OF BUILDING BASE AND DRIVEWAYS.
- PROPOSED UTILITIES TO BE INSTALLED, CONNECTED, OR RELOCATED.
- INSTALL PROPOSED STORM SYSTEM. INSTALL Sd2-F TO PROTECT PROPOSED INLETS AS STORM SYSTEM IS INSTALLED.
- INSTALL Sd2-F AND Sd2-P FOR THE REMAINING EXISTING STORM STRUCTURES.
- IMPLEMENT & MAINTAIN ALL Du, Ds1, & Ds2 AS CONSTRUCTION PROCEEDS.

Sd2-F CALCULATION CHART

Sd2-F No.	DRAINAGE AREA (AC)	REQD. STORAGE (CF)	DEPTH (FT)	SIDE SLOPES	REQD. SURFACE AREA (SF)	DIMENSIONS	Sd2-F No.	DRAINAGE AREA (AC)	REQD. STORAGE (CF)	DEPTH (FT)	SIDE SLOPES	REQD. SURFACE AREA (SF)	DIMENSIONS
1	0.20	360	3	2:1	120	11' x 11'	17	0.17	303	3	2:1	101	11' x 11'
2	0.13	240	3	2:1	80	11' x 11'	18	0.16	285	3	2:1	95	11' x 11'
3	0.14	254	3	2:1	85	11' x 11'	19	0.06	102	3	2:1	34	11' x 11'
4	0.08	139	3	2:1	46	11' x 11'	20	0.09	170	3	2:1	57	11' x 11'
5	0.14	247	3	2:1	82	11' x 11'	21	0.23	408	3	2:1	136	12' x 12'
6	0.23	420	3	2:1	140	12' x 12'	22	0.12	215	3	2:1	72	11' x 11'
7	0.19	351	3	2:1	117	11' x 11'	23	0.05	86	3	2:1	29	11' x 11'
8	0.16	289	3	2:1	96	11' x 11'	24	0.10	173	3	2:1	58	11' x 11'
9	0.11	193	3	2:1	64	11' x 11'	25	0.09	158	3	2:1	53	11' x 11'
10	0.13	241	3	2:1	80	11' x 11'	26	0.01	26	3	2:1	9	11' x 11'
11	0.18	318	3	2:1	106	11' x 11'	27	0.02	30	3	2:1	10	11' x 11'
12	0.10	185	3	2:1	62	11' x 11'	28	0.02	43	3	2:1	14	11' x 11'
13	0.16	284	3	2:1	95	11' x 11'	29	0.06	110	3	2:1	37	11' x 11'
14	0.08	150	3	2:1	50	11' x 11'	30	0.03	61	3	2:1	20	11' x 11'
15	0.10	188	3	2:1	63	11' x 11'	31	0.04	77	3	2:1	26	11' x 11'
16	0.11	202	3	2:1	67	11' x 11'	32	0.04	65	3	2:1	22	11' x 11'
							33	0.13	231	3	2:1	77	11' x 11'
							34	0.14	251	3	2:1	84	11' x 11'
							35	0.09	161	3	2:1	54	11' x 11'

**24-HOUR EMERGENCY CONTACT
DREYON JONES (912) 395-1209**

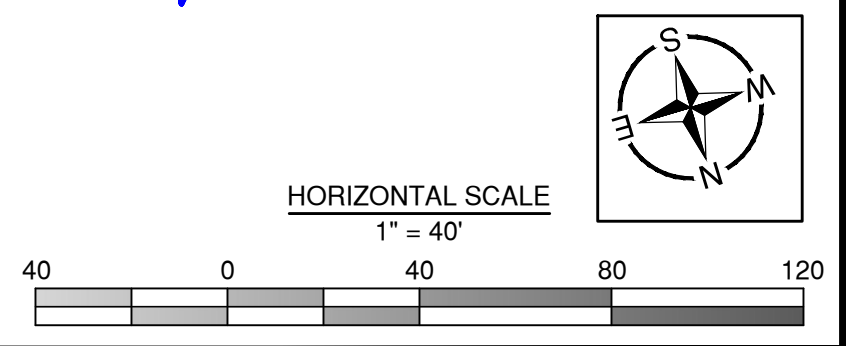


DESIGN PROFESSIONAL'S CERTIFICATION

I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND DISTURBING ACTIVITY WAS PERMITTED. PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100001.

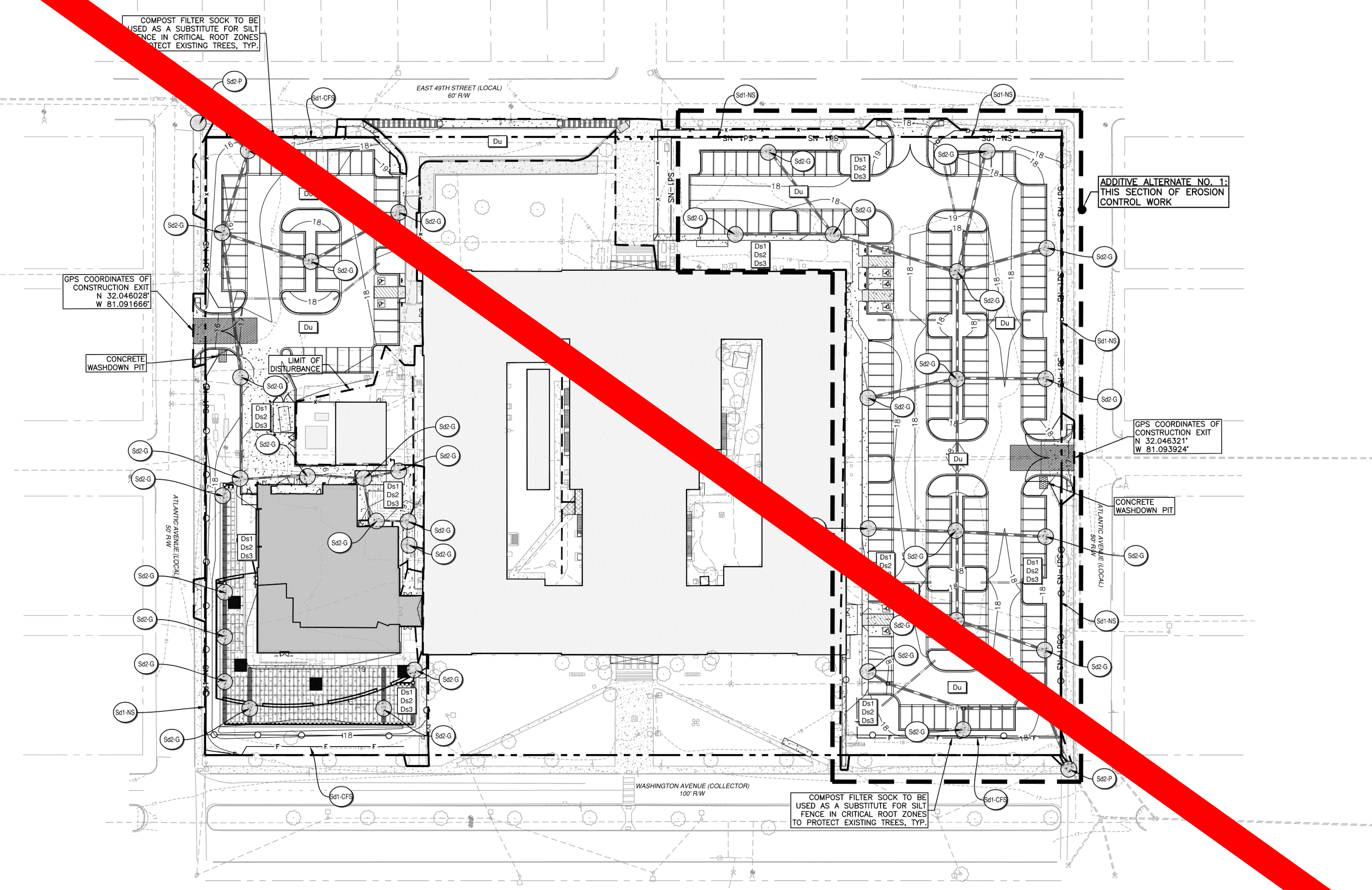
I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HERE IN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION.

[Signature]



Z:\MAXWELL-REDDICK & ASSOCIATES\JOBS\2020\2020-018 COGDELL & MENDRALA - SAVANNAH ARTS ACADEMY\ENGINEERING\DESIGN\DRAWINGS\SAV-ARTS_MAIN.DWG

NUMBER CORRESPONDS TO THE GEORGIA EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST (STAND ALONE CONSTRUCTION PROJECT)



SEDIMENT STORAGE NOTES:
SEDIMENT STORAGE IN THE INITIAL PHASE SHALL BE PROVIDED BY THE TEMPORARY SEDIMENT TRAPS AND IN THE INTERMEDIATE AND FINAL PHASES BY THE PROPOSED EXCAVATED INLET SEDIMENT TRAPS. SAID TRAPS WILL PROVIDE 355.6 CY (80.8 CY/AC) OF SEDIMENT STORAGE IN THE INITIAL PHASE AND THE EXCAVATED INLET TRAPS WILL PROVIDE 322.7 (73.3 CY/AC) CY OF STORAGE IN THE INTERMEDIATE AND FINAL STAGES.
REQUIRED STORAGE = 4.4 AC X 67 CY/AC = 294.8 CY
PROVIDED STORAGE (INITIAL) = 4.4 AC X 80.8 CY/AC = 355.6 CY
PROVIDED STORAGE (INT. & FINAL) = 4.4 AC X 73.3 CY/AC = 322.7 CY

FLOOD ZONE NOTE
AS OF THE DATE OF THIS SURVEY, BASED ON MY OBSERVATION THIS PROPERTY IS LOCATED IN ZONE X, NOT A SPECIAL FLOOD HAZARD AREA AS DETERMINED BY FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP NUMBERS 13051C01600 & 13051C01660, EFFECTIVE DATE: 8/16/2018. FEMA MAPS ARE SUBJECT TO REVISIONS AND AMENDMENTS AND SHOULD BE REVIEWED PRIOR TO CONSTRUCTION

BMP MAINTENANCE/REMOVAL SCHEDULE:
1. CONTINUE TO MAINTAIN ALL Co, Sd1-NS, Sd1-CFS, Sd2-F, AND CONCRETE ARE INSTALLED.
2. REPLACE Sd2-F WITH Sd2-P AND Sd2-G AS BASE, PAVING, AND CONSTRUCTION PROCEEDS.
3. IMPLEMENT & MAINTAIN ALL Du, Ds1, & Ds2 AS CONSTRUCTION PROCEEDS.
4. IMPLEMENT Ds3 IN AREAS THAT ARE AT FINAL GRADE.
5. UPON ACHIEVING FINAL STABILIZATION, REMOVE ALL STRUCTURAL BMPs, INCLUDING BUT NOT LIMITED TO Sk, Sd1, AND Sd2.

WETLANDS NOTE
"ALL TIDAL AND NON-TIDAL TRIBUTARIES, MARSH AREAS AND WETLANDS ARE UNDER THE JURISDICTION OF THE CORPS OF ENGINEERS AND/OR THE STATE OF GEORGIA DEPARTMENT OF NATURAL RESOURCES. OWNERS ARE SUBJECT TO PENALTY BY LAW FOR DISTURBANCE OF THESE PROTECTED AREAS WITHOUT PROPER PERMIT APPLICATION AND APPROVAL FROM THOSE AGENCIES."
NO WETLANDS ARE PRESENT ONSITE.

RIGHT-OF-WAY PERMIT NOTE:
A RIGHT OF WAY PERMIT SHALL BE OBTAINED PRIOR TO PERFORMING CONSTRUCTION ACTIVITIES IN THE CITY'S R.O.W.

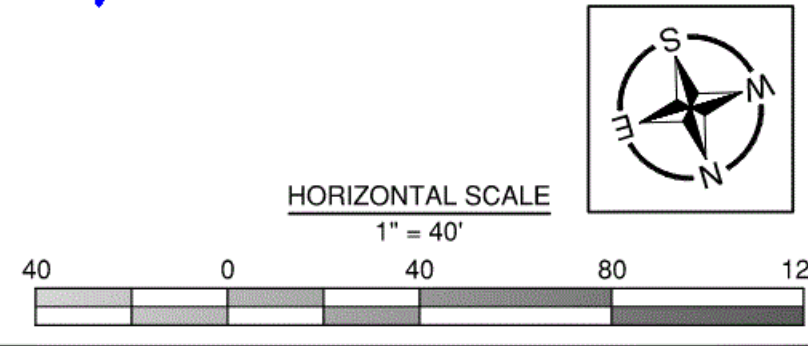
FINAL PHASE DESCRIPTION:
1. CONTINUE TO MAINTAIN ALL Co, Sd1-NS, Sd1-CFS, D1, C4, AND Sd4.
2. INSTALL BUILDING BASE, PAVEMENT, AND CONCRETE DRIVEWAYS. REPLACE Sd2-F WITH Sd2-P AND Sd2-G AS THOSE ARE INSTALLED.
3. IMPLEMENT & MAINTAIN ALL Du, Ds1, & Ds2 AS CONSTRUCTION PROCEEDS.
4. IMPLEMENT Ds3 IN AREAS THAT ARE AT FINAL GRADE.
5. UPON ACHIEVING FINAL STABILIZATION, REMOVE ALL STRUCTURAL BMPs, INCLUDING BUT NOT LIMITED TO SK, Sd1, AND Sd2.

**24-HOUR EMERGENCY CONTACT
DREVON JONES (912) 395-1209**

SOIL EROSION CONTROL LEGEND:

Co	CONSTRUCTION EXIT	T1	TREE PROTECTION
Di	DIVERSION	Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
Sd1-NS	SEDIMENT BARRIER (TYPE NS)	Ds2	DISTURBED AREA STABILIZATION (WITH TEMP SEEDING)
Sd1-CFS	SEDIMENT BARRIER (TYPE CFS)	Ds3	DISTURBED AREA STABILIZATION (WITH PERM SEEDING)
Sd2	INLET SEDIMENT TRAP (TYPE F, P & G)	Du	DUST CONTROL ON DISTURBED AREAS

DESIGN PROFESSIONAL'S CERTIFICATION
I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND EFFECTIVE SYSTEM OF BEST MANAGEMENT PRACTICES (BMPs) THAT WILL PREVENT EXCESSIVE SOIL EROSION AND POLLUTION OF RECEIVING WATERS. I AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF GEORGIA AND I AM A MEMBER OF THE PROFESSIONAL ENGINEERS' BOARD OF THE STATE OF GEORGIA. I HAVE REVIEWED THE PLAN AND THE DOCUMENTS FOR EROSION CONTROL IN GEORGIA (MANUAL) PUBLISHED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION IN 2014, OF THE YEAR IN WHICH THE LAND DISTURBING ACTIVITY IS TO BE PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER AND THE DESIGN SYSTEM OF BEST MANAGEMENT PRACTICES THAT THE METHODS IS EXPECTED TO MEET THE REQUIREMENTS OF THE GENERAL NPDES PERMIT NO. GAR 100001.
I CERTIFY UNDER PENALTY OF LAW THAT I WAS PREPARED AFTER A SITE VISIT TO THE LOCAL DISTURBANCE HERE IN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION.

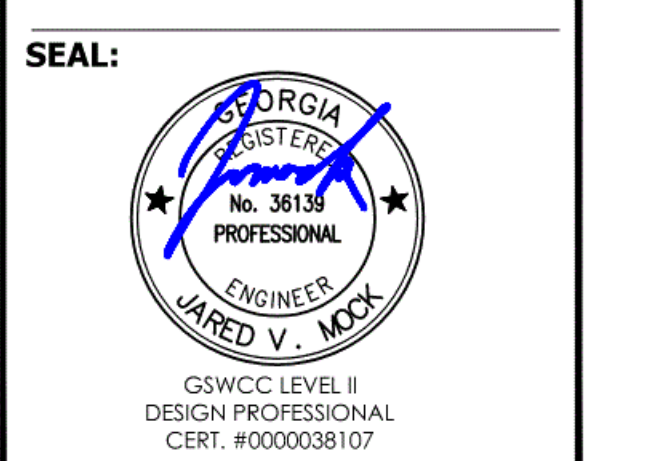


VOL. II SAVANNAH ARTS ACADEMY ADDITION
500 WASHINGTON AVENUE
SAVANNAH, GA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

CogdellMendralaArchitects
COGDELL & MENDRALA ARCHITECTS, PC
517 EAST CONGRESS STREET
SAVANNAH, GEORGIA 31401
tel 912.234.6318
fax 912.236.8414
cogdellmendrala.com



PROJECT CONSULTANTS:
CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
40 JOE KENNEDY BLVD.
STATESBORO, GA 30458

STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
400 E. JOHNNY MERCER BOULEVARD
SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

KEY PLAN:

SHEET TITLE:
FINAL SOIL EROSION CONTROL PLAN

REVISION SCHEDULE

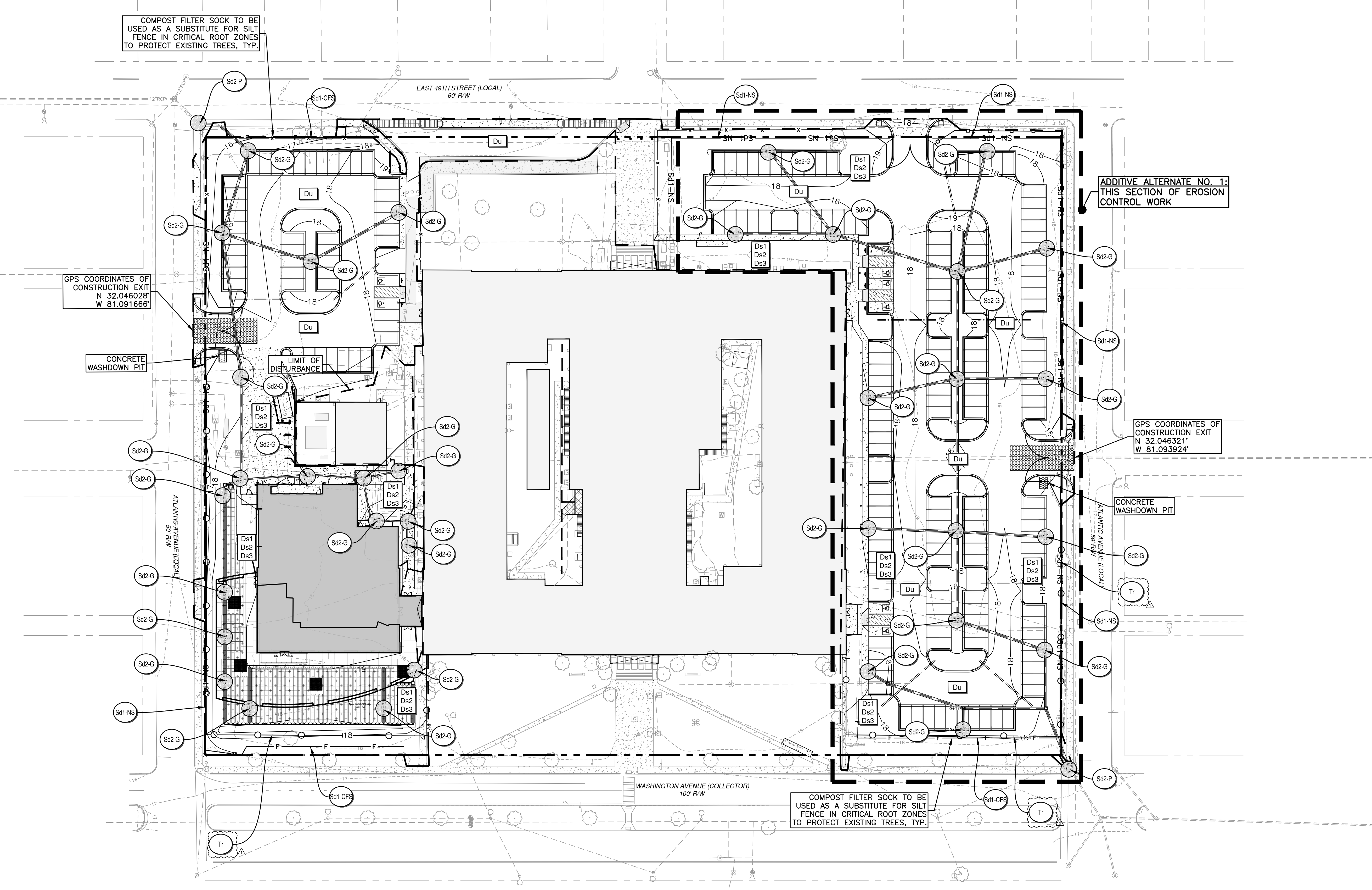
DATE	DESCRIPTION

PROJECT DATE: FEB 2022
DRAWN BY: JWM
SCALE: AS SHOWN
SHEET: 1916

Z:\MAXWELL-REDDICK & ASSOCIATES\JOBS\2020\2020-018 COGDELL & MENDRALA - SAVANNAH ARTS ACADEMY\ENGINEERING\DESIGN\DRAWINGS\SAV-ARTS_MAIN.DWG

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NUMBER CORRESPONDS TO THE GEORGIA
"EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST"
(STAND ALONE CONSTRUCTION PROJECT)



GPS COORDINATES OF CONSTRUCTION EXIT
N 32.046025°
W 81.091668°

ADDITIVE ALTERNATE NO. 1:
THIS SECTION OF EROSION
CONTROL WORK

GPS COORDINATES OF CONSTRUCTION EXIT
N 32.046321°
W 81.093924°

SEDIMENT STORAGE NOTES:
SEDIMENT STORAGE IN THE INITIAL PHASE SHALL BE PROVIDED BY THE TEMPORARY SEDIMENT TRAPS AND IN THE INTERMEDIATE AND FINAL PHASES BY THE PROPOSED EXCAVATED INLET SEDIMENT TRAPS. SAID TRAPS WILL PROVIDE 355.6 CY (80.8 CY/AC) OF SEDIMENT STORAGE IN THE INITIAL PHASE AND THE EXCAVATED INLET TRAPS WILL PROVIDE 322.7 (73.3 CY/AC) CY OF STORAGE IN THE INTERMEDIATE AND FINAL STAGES.
REQUIRED STORAGE = 4.4 AC X 67 CY/AC = 294.8 CY
PROVIDED STORAGE (INITIAL) = 4.4 AC X 80.8 CY/AC = 355.6 CY
PROVIDED STORAGE (INT. & FINAL) = 4.4 AC X 73.3 CY/AC = 322.7 CY

FLOOD ZONE NOTE
AS OF THE DATE OF THIS SURVEY, BASED ON MY OBSERVATION THIS PROPERTY IS LOCATED IN ZONE X, NOT A SPECIAL FLOOD HAZARD AREA AS DETERMINED BY FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP NUMBERS 13051C01600 & 13051C01660, EFFECTIVE DATE: 8/16/2018. FEMA MAPS ARE SUBJECT TO REVISIONS AND AMENDMENTS AND SHOULD BE REVIEWED PRIOR TO CONSTRUCTION

BMP MAINTENANCE/REMOVAL SCHEDULE:
1. CONTINUE TO MAINTAIN ALL Co, Sd1-NS, Sd1-CFS, Sd2-F, AND CONCRETE ARE INSTALLED.
2. REPLACE Sd2-F WITH Sd2-P AND Sd2-G AS BASE, PAVING, AND CONSTRUCTION PROCEEDS.
3. IMPLEMENT & MAINTAIN ALL Du, Ds1, & Ds2 AS CONSTRUCTION PROCEEDS.
4. IMPLEMENT Ds3 IN AREAS THAT ARE AT FINAL GRADE.
5. UPON ACHIEVING FINAL STABILIZATION, REMOVE ALL STRUCTURAL BMP'S, INCLUDING BUT NOT LIMITED TOO Sk, Sd1, AND Sd2.

WETLANDS NOTE
"ALL TIDAL AND NON-TIDAL TRIBUTARIES, MARSH AREAS AND WETLANDS ARE UNDER THE JURISDICTION OF THE CORPS OF ENGINEERS AND/OR THE STATE OF GEORGIA DEPARTMENT OF NATURAL RESOURCES. OWNERS ARE SUBJECT TO PENALTY BY LAW FOR DISTURBANCE OF THESE PROTECTED AREAS WITHOUT PROPER PERMIT APPLICATION AND APPROVAL FROM THOSE AGENCIES."
NO WETLANDS ARE PRESENT ONSITE.

MAXWELL-REDDICK & ASSOCIATES JOB NO. 2020-018

RIGHT-OF-WAY PERMIT NOTE:
A RIGHT OF WAY PERMIT SHALL BE OBTAINED PRIOR TO PERFORMING CONSTRUCTION ACTIVITIES IN THE CITY'S R.O.W.

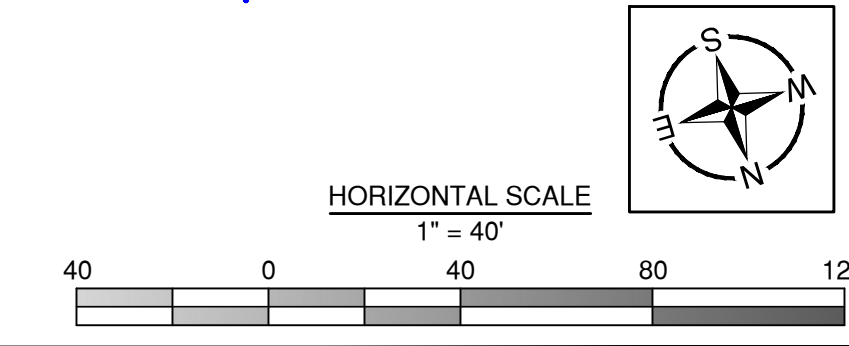
FINAL PHASE DESCRIPTION:
1. CONTINUE TO MAINTAIN ALL Co, Sd1-NS, Sd1-CFS, D1, C4, AND Sd4.
2. INSTALL BUILDING BASE, PAVEMENT, AND CONCRETE DRIVEWAYS. REPLACE Sd2-F WITH Sd2-P AND Sd2-G AS THOSE ARE INSTALLED.
3. IMPLEMENT & MAINTAIN ALL Du, Ds1, & Ds2 AS CONSTRUCTION PROCEEDS.
4. IMPLEMENT Ds3 IN AREAS THAT ARE AT FINAL GRADE.
5. UPON ACHIEVING FINAL STABILIZATION, REMOVE ALL STRUCTURAL BMP'S, INCLUDING BUT NOT LIMITED TO SK, Sd1, AND Sd2.

**24-HOUR EMERGENCY CONTACT
DREYON JONES (912) 395-1209**

SOIL EROSION CONTROL LEGEND:

Co	CONSTRUCTION EXIT	Tr	TREE PROTECTION
Di	DIVERSION	Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
Sd1-NS	SEDIMENT BARRIER (TYPE NS)	Ds2	DISTURBED AREA STABILIZATION (WITH TEMP SEEDING)
Sd1-CFS	SEDIMENT BARRIER (TYPE CFS)	Ds3	DISTURBED AREA STABILIZATION (WITH PERM SEEDING)
Sd2	INLET SEDIMENT TRAP (TYPE F, P, & G)	Du	DIST CONTROL ON DISTURBED AREAS

DESIGN PROFESSIONAL'S CERTIFICATION
"I CERTIFY THAT THE PERMITEE'S EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100001."
"I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HERE IN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION."
Jones



VOL. II SAVANNAH ARTS ACADEMY ADDITION
500 WASHINGTON AVENUE
SAVANNAH, GA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

CogdellMendralaArchitects
COGDELL & MENDRALA ARCHITECTS, PC
517 EAST CONGRESS STREET
SAVANNAH, GEORGIA 31401
tel 912.234.6318
fax 912.236.8414
cogdellmendrala.com



PROJECT CONSULTANTS:
CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
40 JOE KENNEDY BLVD.
STATESBORO, GA 30458

STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
400 E. JOHNNY MERCER BOULEVARD
SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

KEY PLAN:

SHEET TITLE:
FINAL SOIL EROSION CONTROL PLAN

REVISION SCHEDULE

DATE	DESCRIPTION
03/11/22	ADDENDUM #1

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JVM
SCALE: AS SHOWN
SHEET: **C3.2**

SOIL EROSION & SEDIMENTATION CONTROL NOTES:

- 6. TOTAL ACREAGE = 7.701 AC
DRAINAGE BASIN AREA = 4.44 AC
DISTURBED ACREAGE = 4.44 AC
7. GPS LOCATION OF CONSTRUCTION SITE:
• N 32.046538°
• W 81.092676°

- 9. NARRATIVE: THE SITE IS A MODERATELY SIZED TRACT WITH THE SAVANNAH ARTS ACADEMY CAMPUS, THE CAFETERIA AND SURROUNDING PARKING AREA. THE PROPOSED DEVELOPMENT WILL INVOLVE DEMOLISHING THE EXISTING CAFETERIA AND BUILDING A NEW CAFETERIA, REPLACING THE GRAVEL PARKING AREA ON BOTH SIDES OF THE CAMPUS WITH PAVED PARKING LOTS AND DRIVEWAYS.

- 14. "THE DESIGN PROFESSIONAL WHO PREPARED THE ESAPC PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPs WITHIN 7 DAYS AFTER INSTALLATION." THE CONTRACTOR SHALL CONTACT THE ENGINEER UPON COMPLETION OF THE INITIAL BMPs SO THAT THE ENGINEER CAN INSPECT SAID BMPs WITHIN 7 DAYS OF INSTALLATION.

- 15. "NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION OR WITHIN 25-FEET OF THE COASTAL MARSHLAND BUFFER AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS."

- 17. AMENDMENTS/ REVISIONS TO THE EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN WHICH HAVE A SIGNIFICANT EFFECT ON THE BMPs WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.

- 18. WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

- 19. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.

- 20. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

- 21. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

- 24. WASHOUT OF THE DRUM AT THE CONSTRUCTION SITE IS PROHIBITED.

- 25. APPROPRIATE BMPs SHALL BE IMPLEMENTED FOR THE REMEDIATION OF ALL PETROLEUM SPILLS AND/OR LEAKS.

- SOIL CLEANUP AND CONTROL PRACTICES:
• LOCAL, STATE AND MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND PROCEDURES WILL BE MADE AVAILABLE TO SITE PERSONNEL.
• MATERIAL AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREAS. TYPICAL MATERIALS AND EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO BROOMS, DUSTPANS, MOPS, RAGS, GLOVES, GOGGLES, CAT LITTER, SAND SAWDUST AND PROPERLY LABELED PLASTIC AND METAL WASTE CONTAINERS.
• SPILL PREVENTION PRACTICES AND PROCEDURES WILL BE REVIEWED AFTER A SPILL AND ADJUSTED AS NECESSARY TO PREVENT FUTURE SPILLS.
• ALL SPILLS WILL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. ALL SPILLS WILL BE REPORTED AS REQUIRED BY LOCAL, STATE AND FEDERAL REGULATIONS.
• FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE SHEEN ON SURFACE WATER), THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-424-8802.
• FOR SPILLS GREATER THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE GEORGIA EPD WILL BE CONTACTED WITHIN 24 HOURS.
• FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE SPILL WILL BE CLEANED UP AND LOCAL AGENCIES WILL BE CONTACTED AS REQUIRED.

- 26. THE PROPOSED UNDERGROUND STORMWATER DETENTION TRENCH AND PERMEABLE PAVERS AREA, WHICH WILL BE UTILIZED TO AID IN TRAPPING SEDIMENT, SHALL BE UTILIZED TO CONTROL POLLUTANTS IN STORM WATER DISCHARGE FROM THE SITE DURING AND AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED. THESE PRACTICES WERE SELECTED TO AID IN ALLOWING STORM WATER DEPOSITION OF ACCUMULATED POLLUTANTS FROM IMPERVIOUS SURFACES, ETC.

- 27. PRACTICES TO PROVIDE COVER FOR BUILDING MATERIALS AND BUILDING PRODUCTS ON SITE:
• BUILDING MATERIALS - NO BUILDING OR CONSTRUCTION MATERIALS WILL BE BURIED OR DISPOSED OF ONSITE. ALL SUCH MATERIAL WILL BE DISPOSED OF IN PROPER WASTE DISPOSAL PROCEDURES. ALL BUILDING MATERIALS INCLUDING, BUT NOT LIMITED TO CONSTRUCTION WASTE, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, AND SANITARY WASTE MUST BE COVERED BY PLASTIC SHEETING OR TEMPORARY ROOFING.

- 28. PRACTICES TO REDUCE POLLUTANTS IN STORM WATER DISCHARGES:
A) PRODUCT SPECIFIC:
• PETROLEUM BASED PRODUCTS - CONTAINERS FOR PRODUCTS SUCH AS FUELS, LUBRICANTS AND TARS WILL BE INSPECTED DAILY FOR LEAKS AND SPILLS. THIS INCLUDES ON-SITE VEHICLE AND MACHINERY DAILY INSPECTIONS AND REGULAR PREVENTATIVE MAINTENANCE OF SUCH EQUIPMENT. EQUIPMENT MAINTENANCE AREAS WILL BE LOCATED AWAY FROM STATE WATERS, NATURAL DRAINS AND STORM WATER DRAINAGE INLETS. IN ADDITION, TEMPORARY FUELING TANKS SHALL HAVE A SECONDARY CONTAINMENT LINER TO PREVENT MINIMIZE SITE CONTAMINATION. DISCHARGE OF OILS, FUELS AND LUBRICANTS IS PROHIBITED. PROPER DISPOSAL METHODS WILL INCLUDE COLLECTION IN A SUITABLE CONTAINER AND

DISPOSAL AS REQUIRED BY LOCAL AND STATE REGULATIONS.

- PAINTS/FINISHES/SOLVENTS - ALL PRODUCTS WILL BE STORED IN TIGHTLY SEALED ORIGINAL CONTAINERS WHEN NOT IN USE. EXCESS PRODUCT WILL NOT BE DISCHARGED TO THE STORM WATER COLLECTION SYSTEM. EXCESS PRODUCT & MATERIALS USED WITH THESE PRODUCTS AND PRODUCT CONTAINERS WILL BE DISPOSED OF ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

- CONCRETE TRUCK WASHING - NO CONCRETE TRUCKS WILL BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ONSITE.

- FERTILIZER/HERBICIDES - THESE PRODUCTS WILL BE APPLIED AT RATES THAT DO NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS OR ABOVE THE GUIDELINES SET FORTH IN THE CROP ESTABLISHMENT OR IN THE GSWCC MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA. ANY STORAGE OF THESE MATERIALS WILL BE UNDER ROOF IN SEALED CONTAINERS.

"THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF MORE THAN 1320 GALLONS OF PETROLEUM IS STORED ONSITE (THIS INCLUDES CAPACITIES OF EQUIPMENT) OR IF ANY ON PIECE OF EQUIPMENT HAS A CAPACITY GREATER THAN 660 GALLONS. THE CONTRACTOR WILL NEED A SPILL CONTAINMENT AND COUNTERMEASURES PLAN PREPARED BY THAT LICENSED PROFESSIONAL.

- 45. ESTIMATED PEAK DISCHARGE FLOW:
A) PRE-DEVELOPMENT = 30.85 CFS (25 YEAR STORM EVENT)
B) POST-DEVELOPMENT = 16.82 CFS (25 YEAR STORM EVENT)

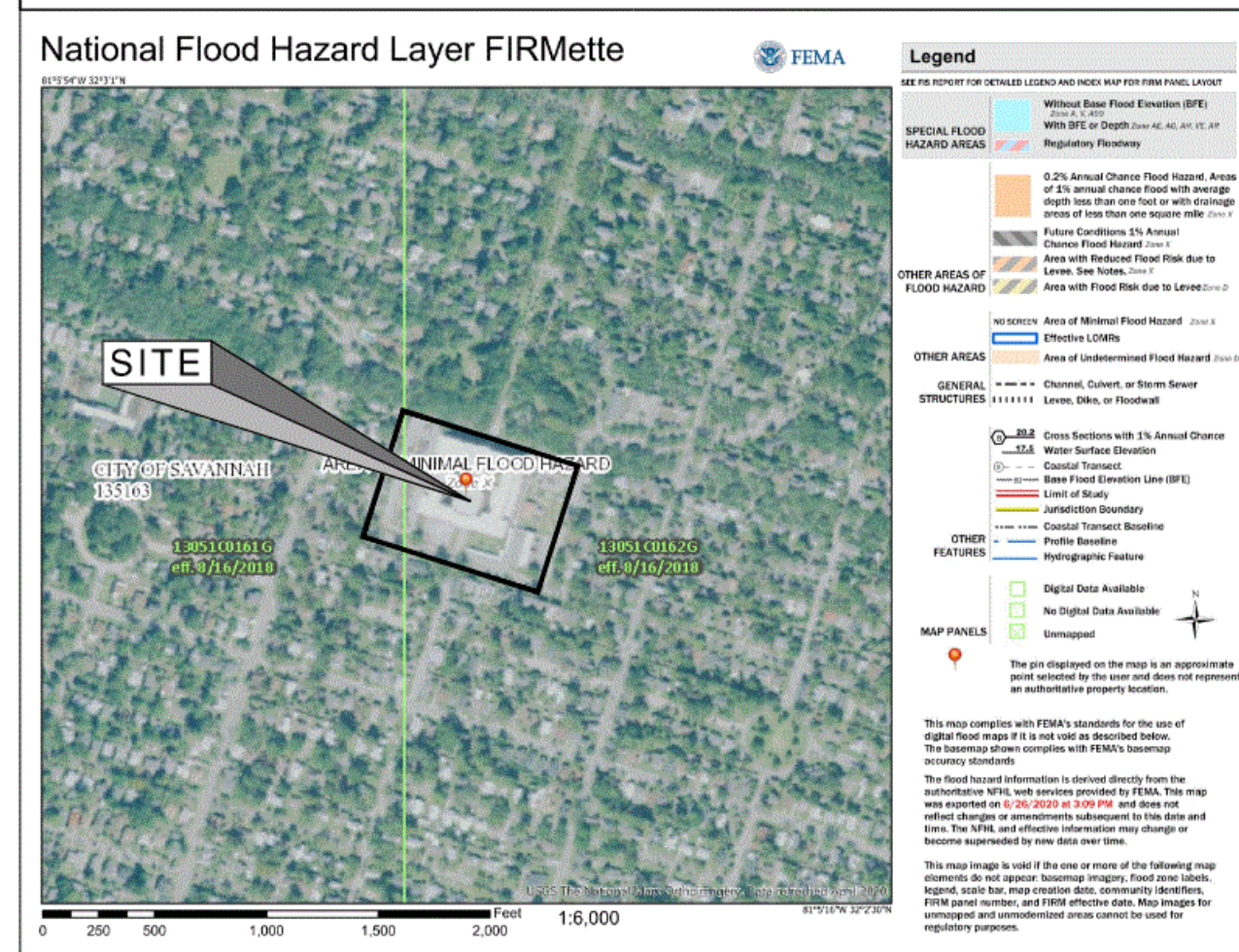
TENTATIVE ACTIVITY SCHEDULE

Table with columns for months (J, F, M, A, M, J, J, A, S, O, N, D) for years 2022 and 2023. Rows include: INSTALLATION OF SEDIMENT CONTROLS, CLEARING & TREE PROTECTION BARRICADES, SITE GRADING, TEMPORARY GRASSING, UTILITY INSTALLATION, GENERAL CONSTRUCTION, PERMANENT GRASSING, PAVING, MAINTENANCE OF SEDIMENT CONTROL, REMOVAL OF SEDIMENT CONTROL.

VEGETATIVE COVERS (COASTAL REGION)

Table with columns: MONTH OF PLANTING, TEMPORARY GRASS, RATE, MONTH OF PLANTING, PERMANENT GRASS, RATE. Rows include: MARCH-JUNE (Lovegrass, Weeping), APRIL-AUGUST (Millet, Pearl), SEPTEMBER-FEBRUARY (Rye).

FEMA MAP (SITE IS NOT WITHIN A FLOOD HAZARD ZONE)



EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST:

Project Name: SAVANNAH ARTS ACADEMY, City/Country: SAVANNAH, GA, SWCD: COASTAL, Address: WASHINGTON AVENUE, Date on Plan: NOV 3, 2020, Name & email of person filling out checklist: CHEN CAI@maxwellreddick.com

TO BE SHOWN ON ESAPC PLAN: 1. The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted. (The completed Checklist must be submitted with the ESAPC Plan or the Plan will not be reviewed.)

2. Level II certification number issued by the Commission, signature and seal of the certified design professional. (Signature, seal and Level II number must be on each sheet pertaining to ESAPC plan or the Plan will not be reviewed.)

3. Limits of disturbance shall be no greater than 50 acres at any one time without prior written authorization from the EPD District Office. If EPD approves the request to disturb 50 acres or more at any one time, the Plan must include at least 4 of the BMPs listed in Appendix 1 of this checklist. (A copy of the written approval by EPD must be attached to the plan for the Plan to be reviewed.)

4. The name and phone number of the 24-hour local contact responsible for erosion, sedimentation and pollution controls.

5. Provide the name, address, phone number, and email of primary permittee.

6. Note total and disturbed acreage of the project or phase under construction.

7. Provide the GPS location of the construction exit for the site. Give the Latitude and Longitude in decimal degrees.

8. Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.

9. Description of the nature of construction activity.

10. Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.

11. Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.

12. Design professional's certification statement and signature that the site was visited prior to development of the ESAPC Plan as stated on Part IV page 19 of the permit.

13. Design professional's certification statement and signature that the permittee's ESAPC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on Part IV page 18 of the permit. *

14. Clearly note the statement that "The design professional who prepared the ESAPC Plan is to inspect the installation of the initial sediment storage requirements and perimeter control BMPs within 7 days after installation." in accordance with Part IV A.5 page 25 of the permit. *

15. Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."

16. Provide a description of any buffer encroachments and indicate whether a buffer variance is required.

17. Clearly note the statement that "Amendments/ revisions to the ESAPC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional. *

18. Clearly note the statement that "Viscous materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit."

19. Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."

20. Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."

21. Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."

22. Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as, any portion of an Impaired Stream Segment must comply with Part B, C. of the permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment. *

23. If a TMDL Implementation Plan for the Impaired Stream Segment (identified in item 22 above) at least six months prior to the start of the Impaired Stream Segment, the ESAPC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan. *

24. BMPs for concrete washout of trucks, concrete mixer trucks, hoppers and the rear of the vehicles. Washout of the drum at the construction site is prohibited. *

25. Provide BMPs for the remediation of all petroleum spills and leaks.

26. Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed. *

27. Description of practices to provide cover for building materials and building products on site. *

28. Description of the practices that will be used to reduce the pollutants in storm water discharges. *

29. Develop and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial grading and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization).

30. Provide complete requirements of inspections and record keeping by the primary permittee. *

31. Provide complete requirements of sampling frequency and reporting of sampling results. *

32. Provide complete details for retention of records as per Part IV F. of the permit. *

33. Description of analytical methods to be used to collect and analyze the samples from each location. *

34. Appendix B rationale for NTU values at all outfall sampling points where applicable. *

35. Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged. *

36. A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all of the BMPs into a single phase. *

37. Graphic scale and North arrow.

38. Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following: Map Scale: 1 inch = 1000 ft or larger scale. Ground Slope: Flat 0 - 2%, Rolling 2 - 8%, Steep 8% +. Contour Intervals: 0.5 or 1, 1 or 2, 2.5 or 10.

39. Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at www.gswcc.org.

40. Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition. *

41. Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to state waters and any additional buffers required by the Local Issuing Authority. Clearly note and delineate all areas of impact.

42. Delineation and acreage of contributing drainage basins on the project site.

43. Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions. *

44. An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.

45. Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/delineate all storm water discharge points.

46. Soil seals for the project site and their delineation.

47. The limits of disturbance for each phase of construction.

48. Provide a minimum of 67 cubic yards of sediment storage per acre disced using a temporary sediment basin, retailed and extended contour lines with contour lines drawn at an interval for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the Plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual included for structural BMPs and all calculations used by the storage design professional to obtain the required sediment when using equivalent controls. When discharging from sediment basins and impoundments, permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.

49. Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.

50. Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.

51. Provide vegetation plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seedling, mulch, time and mowing rates. Vegetative plan shall be site specific for appropriate time of the year that seeding will take place and for the appropriate geographic region of Georgia.

52. Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.

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108. Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.

109. Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.

110. Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual

AUTHORIZATION:
ANY PERSON DESIRING COVERAGE UNDER THIS PERMIT MUST SUBMIT A NOTICE OF INTENT (NOI) TO THE EPD AND THE NOI MUST BE RECEIVED BY THE EPD IN ACCORDANCE WITH THE REQUIREMENTS OF PART II, USING NO FORMS PROVIDED BY THE EPD (OR EXACT PHOTOCOPIES THEREOF), IN ORDER FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITES TO BE AUTHORIZED.

EROSION, SEDIMENT AND POLLUTION CONTROL PLAN (ESPP)

THIS PLAN SHALL INCLUDE, AS A MINIMUM, BEST MANAGEMENT PRACTICES, INCLUDING SOUND CONSERVATION AND ENGINEERING PRACTICES TO PREVENT & MINIMIZE EROSION & RESULTANT SEDIMENTATION, WHICH ARE CONSISTENT WITH THOSE PRACTICES CONTAINED IN THE "MANUAL FOR EROSION & SEDIMENT CONTROL IN GEORGIA" (CURRENT YEAR EDITION), PUBLISHED BY THE STATE SOIL & WATER CONSERVATION COMMISSION, WITH COPIES OBTAINED BY CONTACTING DAN HEIL, EROSION & SEDIMENT CONTROL SPECIALIST (706-542-3955) AS WELL AS THE FOLLOWING:

- 1. STRIPPING OF VEGETATION, GRADING, AND OTHER DEVELOPMENT ACTIVITIES SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO MINIMIZE EROSION, MAINTAIN THE ORIGINAL VEGETATIVE COVER, AND DISTURB ONLY THAT PART OF THE SITE ABSOLUTELY NECESSARY AT THE TIME.
2. CUT AND FILL OPERATIONS SHALL BE KEPT TO A MINIMUM.
3. DEVELOPMENT PLANS MUST CONFORM TO TOPOGRAPHY AND SOIL TYPE, SO AS TO CREATE THE LOWEST PRACTICABLE EROSION POTENTIAL.
4. WHENEVER FEASIBLE, NATURAL VEGETATION SHALL BE RETAINED, PROTECTED & SUPPLEMENTED, INCLUDING PROTECTION OF TREES AND PRESERVATION OF MATURE VEGETATION.
5. THE DISTURBED AREA AND THE DURATION OF EXPOSURE TO EROSION ELEMENTS SHALL BE KEPT TO A PRACTICABLE MINIMUM.
6. DISTURBED SOIL SHALL BE STABILIZED AS QUICKLY AS PRACTICABLE. STABILIZATION MEASURES SHALL BE INITIATED NO MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED. EXCEPT WHEN PRECLUDED BY SNOW COVER OR OTHER ADVERSE WEATHER CONDITIONS, WHEN PRECLUDED BY SNOW COVER OR OTHER ADVERSE WEATHER CONDITIONS, THEN STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.
7. TEMPORARY SEEDING OR MULCHING SHALL BE EMPLOYED TO PROTECT EXPOSED CRITICAL AREAS DURING DEVELOPMENT. OTHER MEASURES MAY INCLUDE GEOTEXTILES, SOIL STABILIZATION, VEGETATIVE BUFFER STRIPS, FILTER STRIPS, PROTECTION OF TREES, PERMANENT SEEDING, AND PRESERVATION OF MATURE VEGETATION.
8. PERMANENT VEGETATION & STRUCTURAL EROSION CONTROL MEASURES SHALL BE INSTALLED AS SOON AS PRACTICABLE. STRUCTURAL PRACTICES MAY INCLUDE SILT FENCES, EARTH BERMS, DRAINAGE SWALES LINED WITH GRASS, STONE OR TIMBERS, PIPE SLOPE DRAINS, LEVEL FLOW SPREADERS, STORM DRAIN INLET PROTECTION & STORM DRAIN OUTLET ROCK PROTECTION.
9. MULCH USE DRY STRAW OR DRY HAY OF GOOD QUALITY AND FREE OF WEED SEEDS. DRY STRAW WILL BE APPLIED AT THE RATE OF 2 TONS PER ACRE. DRY HAY WILL BE APPLIED AT THE RATE OF 1-2 TONS PER ACRE.
10. TO THE EXTENT NECESSARY, SEDIMENT IN RUN-OFF WATER SHALL BE TRAPPED BY THE USE OF DEBRIS BASINS, SILT TRAPS, SEDIMENT TRAPS, CHECK DAMS, REINFORCED SOIL RETAINING SYSTEMS, GABIONS OR SIMILAR MEASURES UNTIL THE DISTURBED AREA IS STABILIZED.
11. ASSOCIATE PROVISIONS TO MINIMIZE DAMAGE FROM SURFACE WATER TO THE CUT FACE OF EXCAVATIONS OR THE SLOPING SURFACES OF FILLS, SEDIMENT BASINS, SEDIMENT TRAPS, SILT FENCES, OR EQUIVALENT SEDIMENT CONTROLS ARE REQUIRED FOR ALL SIDE SLOPE AND DOWN SLOPE BOUNDARIES.
12. CUTS AND FILLS SHALL NOT ENDANGER ADJOINING PROPERTY.
13. FILLS SHALL NOT ENDOCHARGE UPON NATURAL WATER COURSES OR CONSTRUCTED CHANNELS IN A MANNER SO AS TO ADVERSELY AFFECT OTHER PROPERTY OWNERS.
14. GRADING EQUIPMENT SHALL CROSS FLOWING STREAMS BY THE MEANS OF BRIDGES OR CULVERTS, EXCEPT WHEN SUCH METHODS ARE NOT FEASIBLE, PROVIDED IN ANY CASE THAT SUCH CROSSINGS SHALL BE KEPT TO A MINIMUM.
15. PROVISIONS SHALL BE PROVIDED FOR TREATMENT OR CONTROL OF ANY SOURCE OF SEDIMENTS AND ADEQUATE SEDIMENTATION CONTROL FACILITIES TO RETAIN SEDIMENTS ON THE SITE.
16. SEDIMENTATION OF ADJACENT WATERS BEYOND THE LEVELS SPECIFIED IN THE PERMIT.
17. EXCEPT AS PROVIDED IN 16B BELOW, NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A 25 FT BUFFER ALONG THE BANKS OF ALL STATE WATERS, AS MEASURED HORIZONTALLY FROM THE POINT WHERE VEGETATION HAS BEEN WRESTED BY NORMAL STREAM FLOW OR WAVE ACTION.
18. NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A 50-FOOT BUFFER, AS MEASURED HORIZONTALLY FROM THE POINT WHERE VEGETATION HAS BEEN WRESTED BY NORMAL STREAM FLOW OR WAVE ACTION, ALONG THE BANKS OF ANY STATE WATERS CLASSIFIED AS "TROUT STREAM."
19. EXCEPT AS PROVIDED ABOVE, FOR BUFFERS REQUIRED BY 17 (1) AND 18, NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A BUFFER AND A BUFFER SHALL REMAIN IN ITS NATURAL UNDISTURBED STATE OF VEGETATION UNTIL ALL LAND-DISTURBING ACTIVITIES ON THE CONSTRUCTION SITE ARE COMPLETED. BETWEEN THE TIME FINAL STABILIZATION OF THE SITE IS ACHIEVED AND UPON THE SUBMITTAL OF A NOTICE OF TERMINATION, A BUFFER MAY BE THINNED OR TRIMMED OR VEGETATION AS LONG AS A PROTECTIVE VEGETATIVE COVER REMAINS TO PROTECT WATER QUALITY AND AQUATIC HABITAT AND A NATURAL CANOPY IS LEFT IN SUFFICIENT QUANTITY TO KEEP SHADE ON THE STREAM BED.
20. NO SOIL MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED TO WATERS OF THE STATE.
21. OFF-SITE VEHICLE TRACKING OF DIRT, SOILS, AND SEDIMENTS AND THE GENERATION OF DUST SHALL BE ELIMINATED OR MINIMIZED TO THE MAXIMUM EXTENT PRACTICAL. A BEST MANAGEMENT PRACTICE FOR THIS IS THE USE OF A CONSTRUCTION EXIT, BEING A STONE STABILIZED PAD LOCATED AT ANY POINT WHERE TRAFFIC WILL BE LEAVING A CONSTRUCTION SITE TO A PUBLIC RIGHT-OF-WAY. GEOTEXTILE UNDERLAINERS ARE REQUIRED TO STABILIZE AND SUPPORT THE PAD AGGREGATES. THE STONE AGGREGATE SIZE IS 1.5 TO 3.5 INCHES AND IS TO BE A MINIMUM THICKNESS OF 4 INCHES. PAD WIDTHS SHALL NOT BE LESS THAN 20 FEET AND SHOULD BE OF SUFFICIENT LENGTH TO PERFORM THE FUNCTION OF REMOVING SEDIMENT, BUT NO LESS THAN 50 FEET. WHEELS MUST BE CLEANED TO REMOVE MUD PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY.

WORKSITE HOUSEKEEPING: MAINTAIN GOOD HOUSEKEEPING PRACTICES AT THE PROJECT JOBSITE AND EQUIPMENT MATERIAL STORAGE LOCATIONS.

WASTE PICKUP AND DISPOSAL: REGULARLY PICK UP AND DISPOSE OF WASTE, AND RECYCLABLES.

EQUIPMENT MAINTENANCE: ENSURE EQUIPMENT IS WORKING PROPERLY AND FREE FROM LEAKS.

MATERIAL STORAGE: STORE CONTAINERS, DRUMS, AND BAGS AWAY FROM DIRECT TRAFFIC ROUTES, IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, AND IN A MANNER TO PROTECT AGAINST CONTAMINATION OF STORM WATER.

POL SPILLS AND LEAKS: MINOR SPILLS AND LEAKS FROM CONSTRUCTION EQUIPMENT ARE A SOURCE OF POTENTIAL DISCHARGE. DO NOT USE WATER TO CLEAN UP SPILLS AND DIRT FROM PAVEMENTS.

SPILL KITS: HAVE A FULL-SERVICE SPILL KIT ON SITE FOR MINOR LEAKS AND DRIPS. SPILLS KITS SHOULD INCLUDE ABSORBENT PADS, SPILL BOOMS, PERSONNEL PROTECTION EQUIPMENT, AND DISPOSAL BAGS.

DRIP PAN USE DURING FUELING: USE DRIP PANS AND ABSORBENT RAGS WHEN FUELING CONSTRUCTION EQUIPMENT AND PROVIDING EMERGENCY MAINTENANCE ON EQUIPMENT. ABSORBENTS ARE TO BE HANDLED IN ACCORDANCE WITH THE RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) REGULATIONS.

DRIP PAN USE DURING VEHICLE STORAGE: USE DRIP PANS UNDER HEAVY EQUIPMENT LEAVE IDLE FOR TWO OR MORE CALENDAR DAYS.

VISUAL INSPECTIONS: VISUALLY INSPECT CONSTRUCTION EQUIPMENT DAILY FOR LEAKS AND SPILLS.

HAZARD STORAGE: STORE HAZARDOUS MATERIALS (INCLUDING FUEL) ON SITE IN COVERED AREAS WITH SECONDARY CONTAINMENT (FOR EXAMPLE, FLAMMABLE LOCKER), CONTAINERS/TANKS FOR FUEL (MOGAS/DIESEL) SHOULD HAVE SECONDARY CONTAINMENT THAT MEETS REGULATORY REQUIREMENTS.

PROTECTING STORM DRAINS: DO NOT DISPOSE OF WASTE IN A STORM DRAIN (FOR EXAMPLE PAINT, OIL, CONCRETE, ETC).

VEHICLE OPERATION: DO NOT OPERATE LEAKING EQUIPMENT. PROVIDE EMERGENCY REPAIR TO PREVENT FURTHER LEAKS.

STORM WATER SAMPLING:

1.1 SAMPLING METHODS

ALL SAMPLES WILL BE COLLECTED BY "GRAB METHOD" AND THE ANALYSIS OF THESE SAMPLES MUST BE CONDUCTED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136 AND THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT, EPA 833-B-92-001"

1.2 SAMPLING FREQUENCY

- 1. THE PRIMARY PERMITTEE WITH A TOTAL PLANNED DISTURBANCE EQUAL TO OR GREATER THAN ONE (1) ACRE AND TERTIARY PERMITTEE WITH A TOTAL PLANNED DISTURBANCE EQUAL TO OR GREATER THAN FIVE (5) ACRES MUST SAMPLE IN ACCORDANCE WITH THE PLAN AT LEAST ONCE FOR EACH RAINFALL EVENT DESCRIBED BELOW. FOR A QUALIFYING EVENT, THE PERMITTEE SHALL SAMPLE AT THE BEGINNING OF ANY STORM WATER DISCHARGE TO A MONITORED RECEIVING WATER AND/OR FROM A MONITORED OUTFALL WITHIN FORTY-FIVE (45) MINUTES OR AS SOON AS POSSIBLE.
2. HOWEVER, WHERE MANUAL AND AUTOMATIC SAMPLING ARE IMPOSSIBLE (AS DEFINED IN THIS PERMIT), OR ARE BEYOND THE PERMITTEE'S CONTROL, THE PERMITTEE SHALL TAKE SAMPLES AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN TWELVE (12) HOURS AFTER THE BEGINNING OF THE STORM WATER DISCHARGE.
3. SAMPLING BY THE PERMITTEE SHALL OCCUR FOR THE FOLLOWING QUALIFYING EVENTS:
a. FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORM WATER DISCHARGE THAT ALLOWS FOR SAMPLING DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT AFTER ALL CLEANING AND GRUBBING OPERATIONS HAVE BEEN COMPLETED AND PRIOR TO COMPLETION OF MASS GRADING OPERATIONS IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION.

WHAT IS RETAINED ON SITE:

- 1. THE PRIMARY PERMITTEE SHALL RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR THE RECORDS SHALL BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI:
a. A COPY OF ALL NOTICES OF INTENT SUBMITTED TO EPD;
b. A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN REQUIRED BY THIS PERMIT;
c. THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH PART VI.6. OF THIS PERMIT;
d. A COPY OF ALL SAMPLING INFORMATION, RESULTS, AND REPORTS REQUIRED BY THIS PERMIT;
e. A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH PART IV.D.4.A. OF THIS PERMIT;
f. A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PART 111.D.4. OF THIS PERMIT; AND
g. DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PART IV.D.4.A.(2). OF THIS PERMIT.
2. COPIES OF ALL NOTICES OF INTENT, NOTICES OF TERMINATION, INSPECTION REPORTS, SAMPLING REPORTS (INCLUDING ALL CALIBRATION AND MAINTENANCE RECORDS AND ALL ORIGINAL STRIP CHART RECORDINGS FOR CONTINUOUS MONITORING INSTRUMENTATION) OR OTHER REPORTS REQUESTED BY THE EPD, EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS, RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT AND ALL OTHER RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED BY THE PERMITTEE WHO EITHER PRODUCED OR USED IT FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE NOT IS SUBMITTED IN ACCORDANCE WITH PART VI OF THIS PERMIT. THESE RECORDS MUST BE MAINTAINED AT THE PERMITTEE'S PRIMARY PLACE OF BUSINESS ONCE THE CONSTRUCTION ACTIVITY HAS CEASED AT THE PERMITTED SITE. THIS PERIOD MAY BE EXTENDED BY REQUEST OF THE EPD AT ANY TIME UPON WRITTEN NOTIFICATION TO THE PERMITTEE.
3. THE APPLICABLE PERMITTEES ARE REQUIRED TO SUBMIT THE SAMPLING RESULTS TO THE EPD AT THE ADDRESS SHOWN IN PART II.A.2 BY THE FIFTEENTH DAY OF THE MONTH FOLLOWING THE REPORTING PERIOD. REPORTING PERIODS ARE MONTHS DURING WHICH SAMPLES ARE TAKEN IN ACCORDANCE WITH THIS PERMIT. SAMPLING RESULTS SHALL BE IN A CLEARLY LEGIBLE FORMAT. UPON WRITTEN NOTIFICATION, EPD MAY REQUIRE THE APPLICABLE PERMITTEES TO SUBMIT THE SAMPLING RESULTS ON A MORE FREQUENT BASIS. SAMPLING AND ANALYSIS OF ANY STORM WATER DISCHARGE(S) OR THE RECEIVING WATER(S) BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED IN A SIMILAR MANNER TO THE EPD. THE SAMPLING REPORTS MUST BE SIGNED IN ACCORDANCE WITH PART V.2. SAMPLING REPORTS MUST BE SUBMITTED TO EPD UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI.

RATIONALE FOR NTU LIMITS

TOTAL AREA = 37,701 ACRES
DISTURBED AREA = 34,44 ACRES
SURFACE WATER DRAINAGE AREA = 2.49 SQUARE MILES
RECEIVING WATER IS SUPPORTING WARM WATER FISHERIES.

RETURN RECEIPT OF NOTICE OF INTENT SUBMITTAL TO GEORGIA ENVIRONMENTAL PROTECTION DIVISION

(IT IS THE PRIMARY PERMITTEE'S UNDERSTANDING THAT THE ATTACHED RECEIPT VERIFICATION AND APPROVAL FROM GEORGIA EPD TO CONDUCT CONSTRUCTION ACTIVITIES ON THIS PROJECT IN ACCORDANCE WITH NPDES (GAR 100001) AND THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN IN ACCORDANCE WITH PART D.2 OF THE GAR 100001 PERMIT, THE PRIMARY PERMITTEE WILL BE AUTHORIZED TO DISCHARGE STORM WATER FROM THIS PROJECT 14 DAYS AFTER THE NOTICE OF INTENT SUBMITTAL IS POSTMARKED UNLESS NOTICED BY EPD.)

NTU LIMIT = .25

Table with 2 columns: Surface Water Drainage Area, square miles and NTU Limit. Rows include 0-4.99, 5.00-9.99, 10-24.99, 25-49.99, 50-99.99, 100-249.99, 250-499.99, 500+.

Waters Supporting Warm Water Fisheries

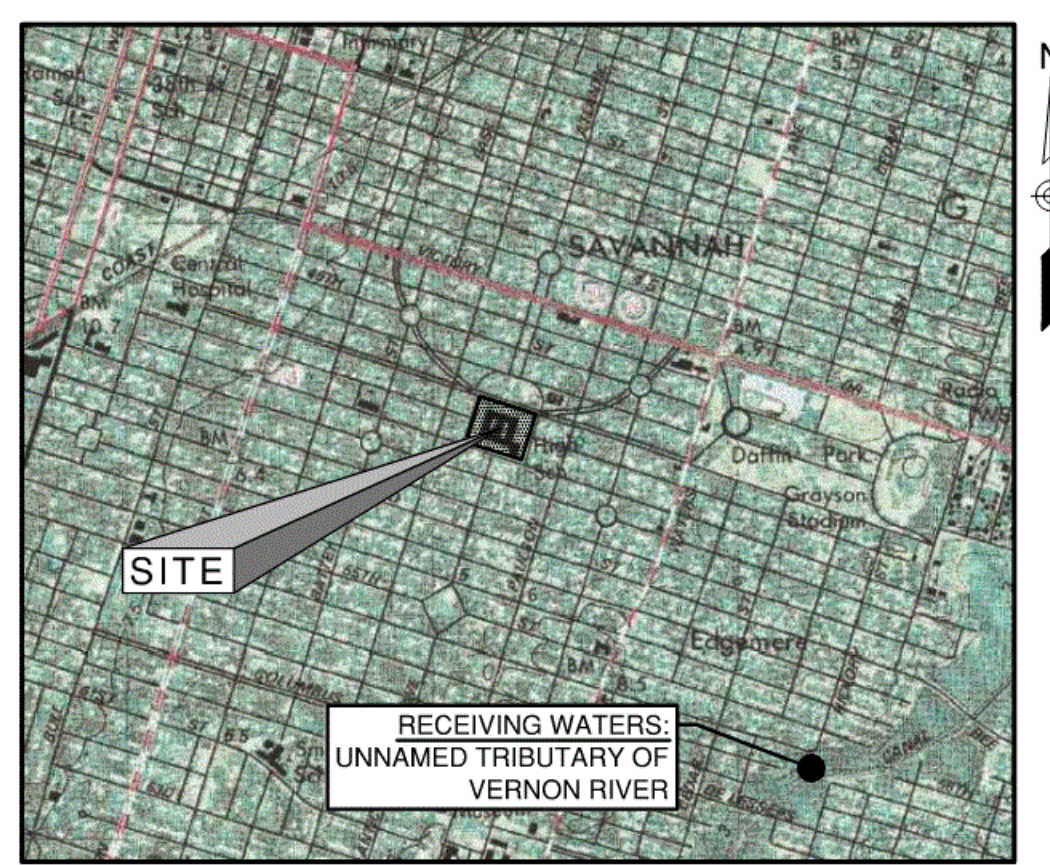
Table with 2 columns: Site Size, acres and NTU Limit. Rows include 1.00-10, 10.01-25, 25.01-50, 50.01-100, 100.01+.

- 2. ALL SAMPLING REPORTS SHALL INCLUDE THE FOLLOWING INFORMATION:
a. THE RAINFALL AMOUNT, DATE, EXACT PLACE AND TIME OF SAMPLING OR MEASUREMENTS;
b. THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE SAMPLING AND MEASUREMENTS;
c. THE DATE(S) ANALYSES WERE PERFORMED;
d. THE TIME(S) ANALYSES WERE INITIATED;
e. THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE ANALYSES;
f. REFERENCES AND WRITTEN PROCEDURES, WHEN AVAILABLE, FOR THE ANALYTICAL TECHNIQUES OR METHODS USED;
g. THE RESULTS OF SUCH ANALYSES, INCLUDING THE BENCH SHEETS, INSTRUMENT READOUTS, COMPUTER DISKS OR TAPES, ETC., USED TO DETERMINE THESE RESULTS;
h. RESULTS WHICH EXCEED 1000 NTU SHALL BE REPORTED AS "EXCEEDED NTU"; AND
i. CERTIFICATION STATEMENT THAT SAMPLING WAS CONDUCTED AS PER THE PLAN.
3. ALL WRITTEN CORRESPONDENCE REQUIRED BY THIS PERMIT SHALL BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL (OR SIMILAR SERVICE) TO THE APPROPRIATE OFFICE OF THE EPD ACCORDING TO THE SCHEDULE IN APPENDIX A OF THIS PERMIT. THE APPLICABLE PERMITTEES SHALL RETAIN A COPY OF THE PROOF OF SUBMITTAL AT THE CONSTRUCTION SITE OR THE PROOF OF SUBMITTAL SHALL BE READILY AVAILABLE AT A DESIGNATED LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI. IF AN ELECTRONIC SUBMITTAL IS PROVIDED BY EPD THEN THE WRITTEN CORRESPONDENCE MUST BE SUBMITTED ELECTRONICALLY. IF REQUIRED, A PAPER COPY MUST ALSO BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL OR SIMILAR SERVICE.

INSPECTION SCHEDULE:

- a. PRIMARY PERMITTEE.
1. EACH DAY WHEN ANY TYPE OF CONSTRUCTION ACTIVITY HAS TAKEN PLACE AT A PRIMARY PERMITTEE'S SITE, CERTIFIED PERSONNEL PROVIDED BY THE PRIMARY PERMITTEE SHALL INSPECT: (A) ALL AREAS AT THE PRIMARY PERMITTEE'S SITE WHERE PETROLEUM PRODUCTS ARE STORED, USED, OR HANDLED FOR SPILLS AND LEAKS FROM VEHICLES AND EQUIPMENT AND (B) ALL LOCATIONS AT THE PRIMARY PERMITTEE'S SITE WHERE VEHICLES ENTER OR EXIT THE SITE FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING. THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.
2. MEASURE AND RECORD RAINFALL WITHIN DISTURBED AREAS OF THE SITE THAT HAVE NOT MET FINAL STABILIZATION ONCE EVERY 24 HOURS EXCEPT ANY NON-WORKING SATURDAY, NON-WORKING SUNDAY AND NON-WORKING FEDERAL HOLIDAY UNTIL A NOTICE OF TERMINATION IS SUBMITTED. MEASUREMENT OF RAINFALL MAY BE SUSPENDED IF ALL AREAS OF THE SITE HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION.
3. CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT THE FOLLOWING AT LEAST ONCE EVERY (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES RAINFALL OR GREATER (UNLESS SUCH STORM ENDS AFTER 5:00 PM ON ANY FRIDAY OR ON ANY NON-WORKING SATURDAY, NON-WORKING SUNDAY OR ANY NON-WORKING FEDERAL HOLIDAY IN WHICH CASE THE INSPECTION SHALL BE COMPLETED BY THE END OF THE NEXT BUSINESS DAY AND/OR WORKING DAY, WHICHEVER OCCURS FIRST): (A) DISTURBED AREAS OF THE PRIMARY PERMITTEE'S CONSTRUCTION SITE; (B) AREAS USED BY THE PRIMARY PERMITTEE FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION; AND (C) STRUCTURAL CONTROL MEASURES, EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN APPLICABLE TO THE PRIMARY PERMITTEE'S SITE SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY, WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE. THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS). FOR AREAS OF A SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION, THE PERMITTEE MUST COMPLY WITH PART IV.D.4.B.(4). THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.
4. CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT AT LEAST ONCE PER MONTH DURING THE TERM OF THIS PERMIT (I.E. UNTIL A NOTICE OF TERMINATION IS SUBMITTED TO EPD) THE AREAS OF THE SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION. THESE AREAS SHALL BE INSPECTED FOR EVIDENCE OF: (A) THE POTENTIAL FOR POLLUTANTS ENTERING THE DRAINAGE SYSTEM AND THE RECEIVING WATERS; (B) EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY, WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE. THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS(S).

- 5. BASED ON THE RESULTS OF EACH INSPECTION, THE SITE DESCRIPTION AND THE POLLUTION PREVENTION AND CONTROL MEASURES IDENTIFIED IN THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, THE PLAN SHALL BE REVISED AS APPROPRIATE NOT LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION. IMPLEMENTATION OF SUCH CHANGES SHALL BE MADE AS SOON AS PRACTICAL, BUT IN NO CASE LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION.
6. A REPORT OF EACH INSPECTION THAT INCLUDES THE NAME(S) OF CERTIFIED PERSONNEL MAKING EACH INSPECTION, THE DATE(S) OF EACH INSPECTION, CONSTRUCTION PHASE (I.E. INITIAL, INTERMEDIATE OR FINAL), MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH PART VI OF THIS PERMIT SHALL BE MADE AND RETAINED AT THE SITE OR BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION UNTIL THE ENTIRE SITE OR THAT PORTION OF A CONSTRUCTION PROJECT THAT HAS BEEN PHASED HAS UNDERGONE FINAL STABILIZATION AND A NOTICE OF TERMINATION IS SUBMITTED TO EPD. SUCH REPORTS SHALL BE READILY AVAILABLE BY END OF THE SECOND BUSINESS DAY AND/OR WORKING DAY AND SHALL IDENTIFY ALL INCIDENTS OF BEST MANAGEMENT PRACTICES THAT HAVE NOT BEEN PROPERLY INSTALLED AND/OR MAINTAINED AS DESCRIBED IN THE PLAN WHERE THE REPORT DOES NOT IDENTIFY AN INCIDENT. THE INSPECTION REPORT SHALL CONTAIN A STATEMENT THAT THE BEST MANAGEMENT PRACTICES ARE IN COMPLIANCE WITH THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART V.2. OF THIS PERMIT.



USGS QUADRANGLE MAP NOT TO SCALE

DESIGN PROFESSIONAL'S CERTIFICATION

1. I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100001.

2. I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HERE IN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION.

Signature of Design Professional

VOL. II SAVANNAH ARTS ACADEMY ADDITION
500 WASHINGTON AVENUE
SAVANNAH, GA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM

SCCPSS logo and facility information: FACILITY CODE: 1607, FT#: 1000, FUNDING: LOCAL EFFORT, BID NO#: C22-01

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SEAL: Professional Engineer Seal for GSWCC Level II Design Professional, Cert. #000008107

PROJECT CONSULTANTS:
CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
40 JOE KENNEDY BLVD.
STATESBORO, GA 30458

STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
400 E. JOHNNY MERCER BOULEVARD
SAVANNAH, GA 31410
MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

KEY PLAN:

GEOTECHNICAL NOTE:

- 1. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE GEOTECHNICAL REPORT PERFORMED FOR THE SITE. IF A GEOTECHNICAL REPORT WAS NOT PREPARED THE CONTRACTOR IS TO PERFORM HIS OR HER OWN ANALYSIS OF THE SOIL CONDITIONS AT THE PROJECT SITE OR LOCATION.
2. MAXWELL-REDDICK AND ASSOCIATES, INC. DOES NOT WARRANT OR IMPLY ANY WARRANTIES AS TO THE SUITABILITY OF THE SOIL CONDITIONS AT THE SUBJECT SITE.

NOTE TO CONTRACTOR:

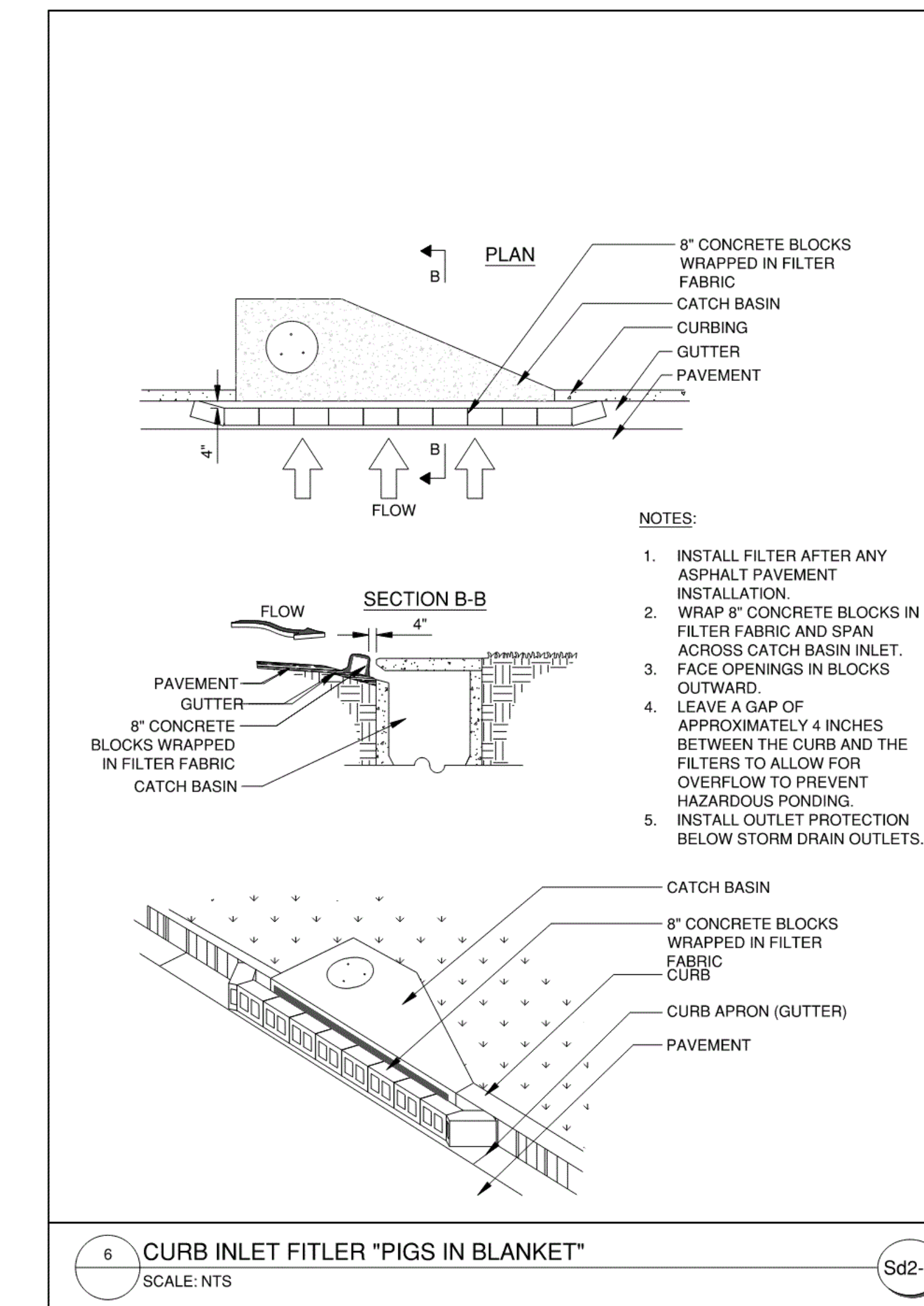
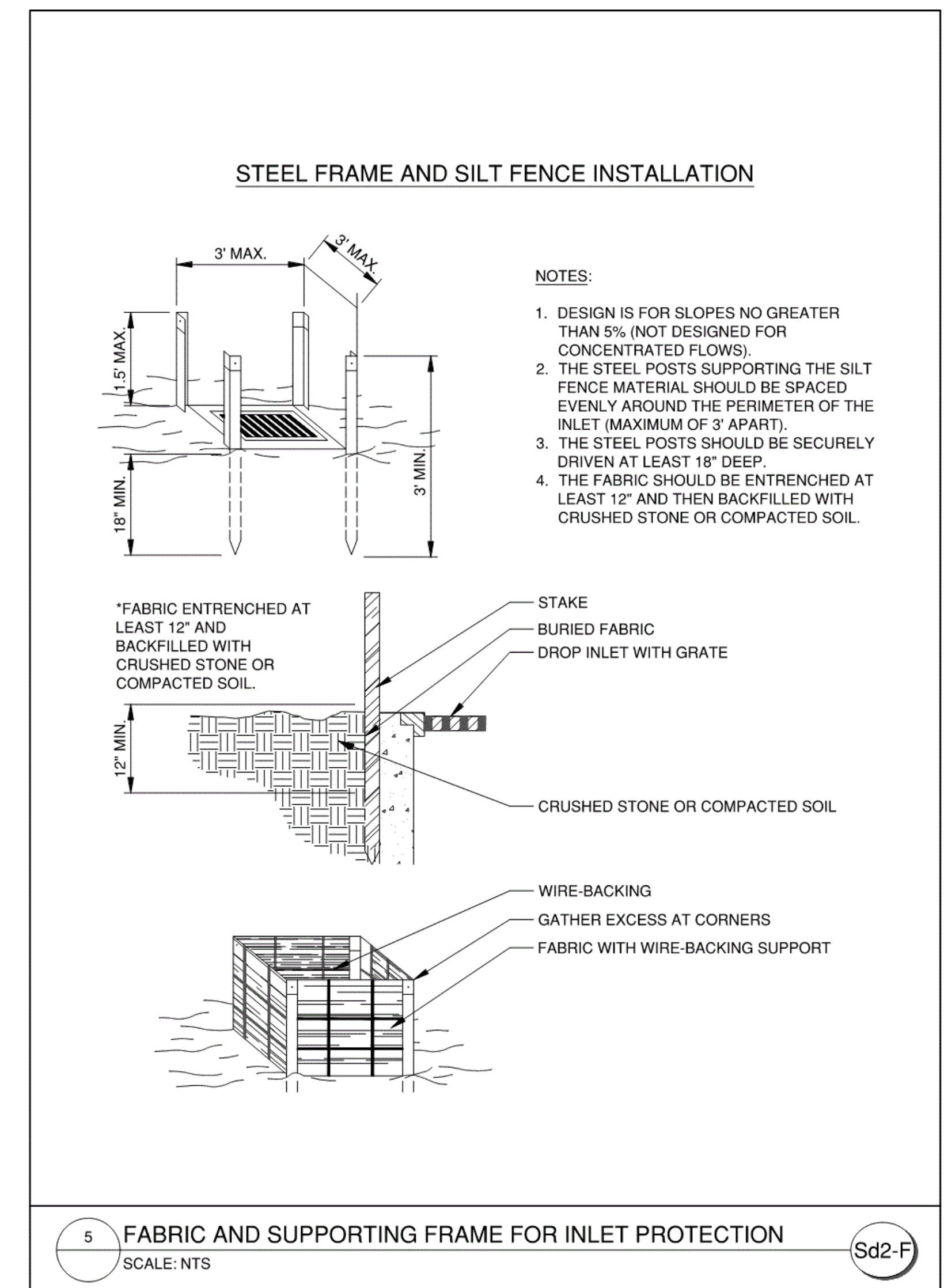
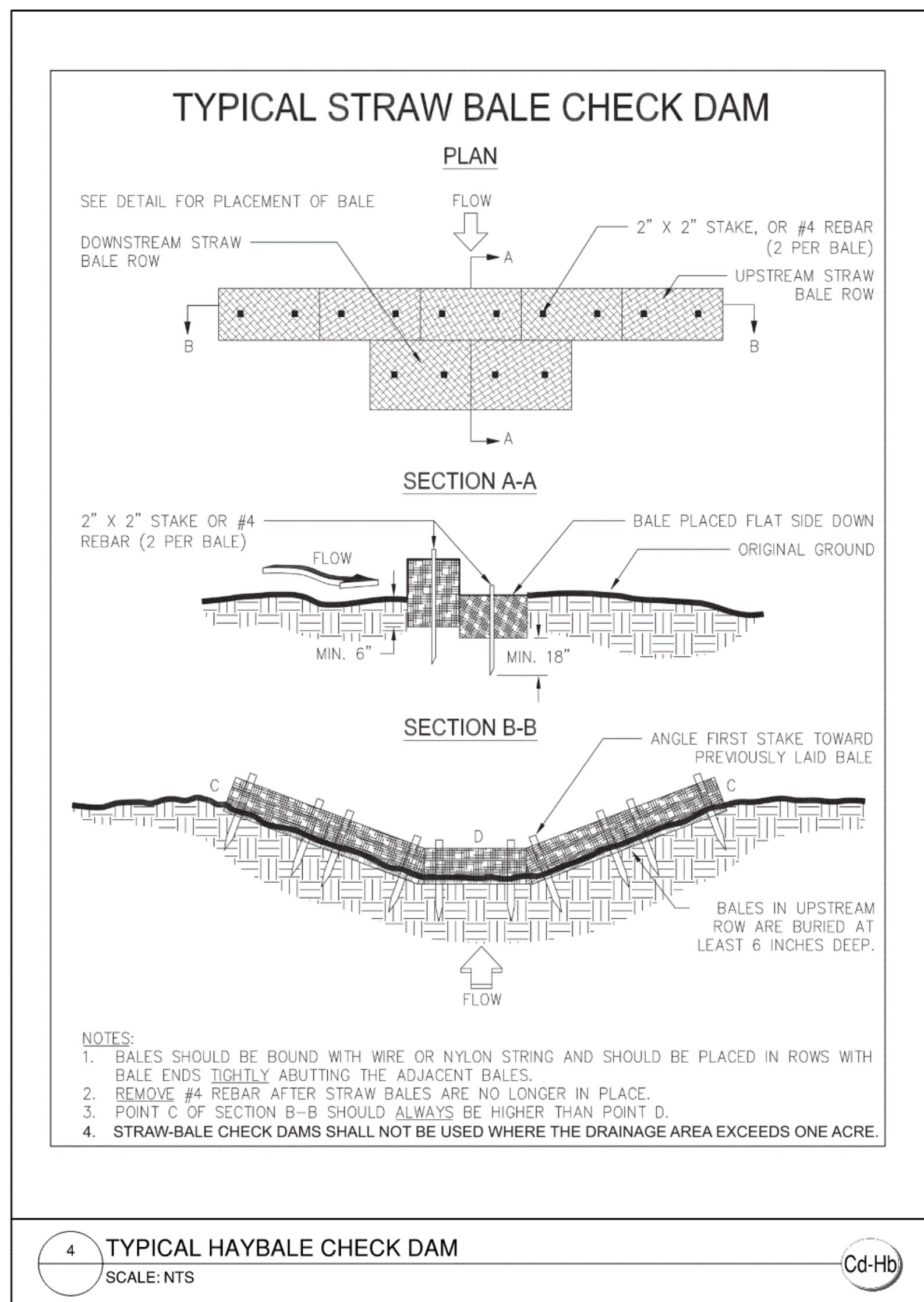
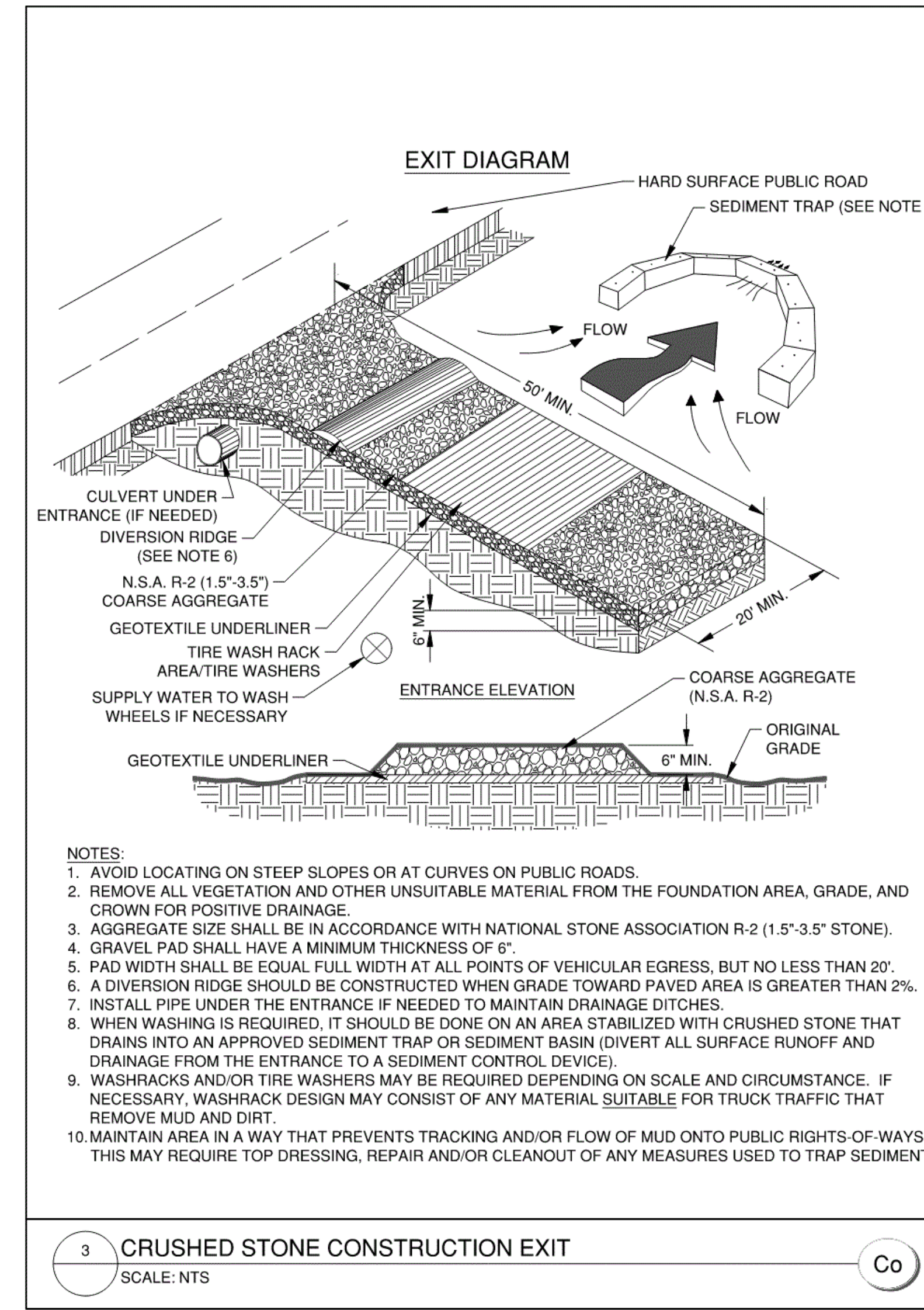
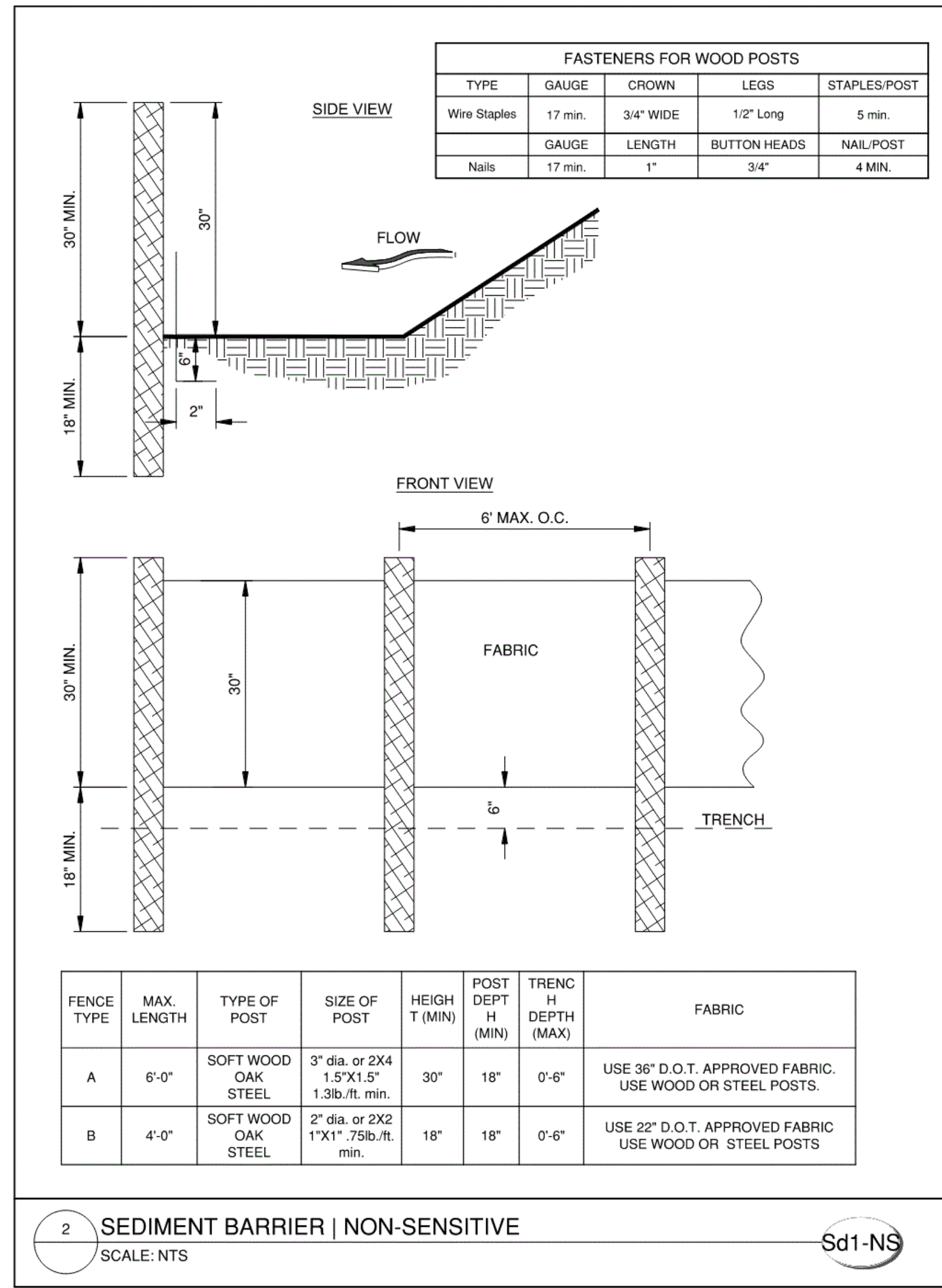
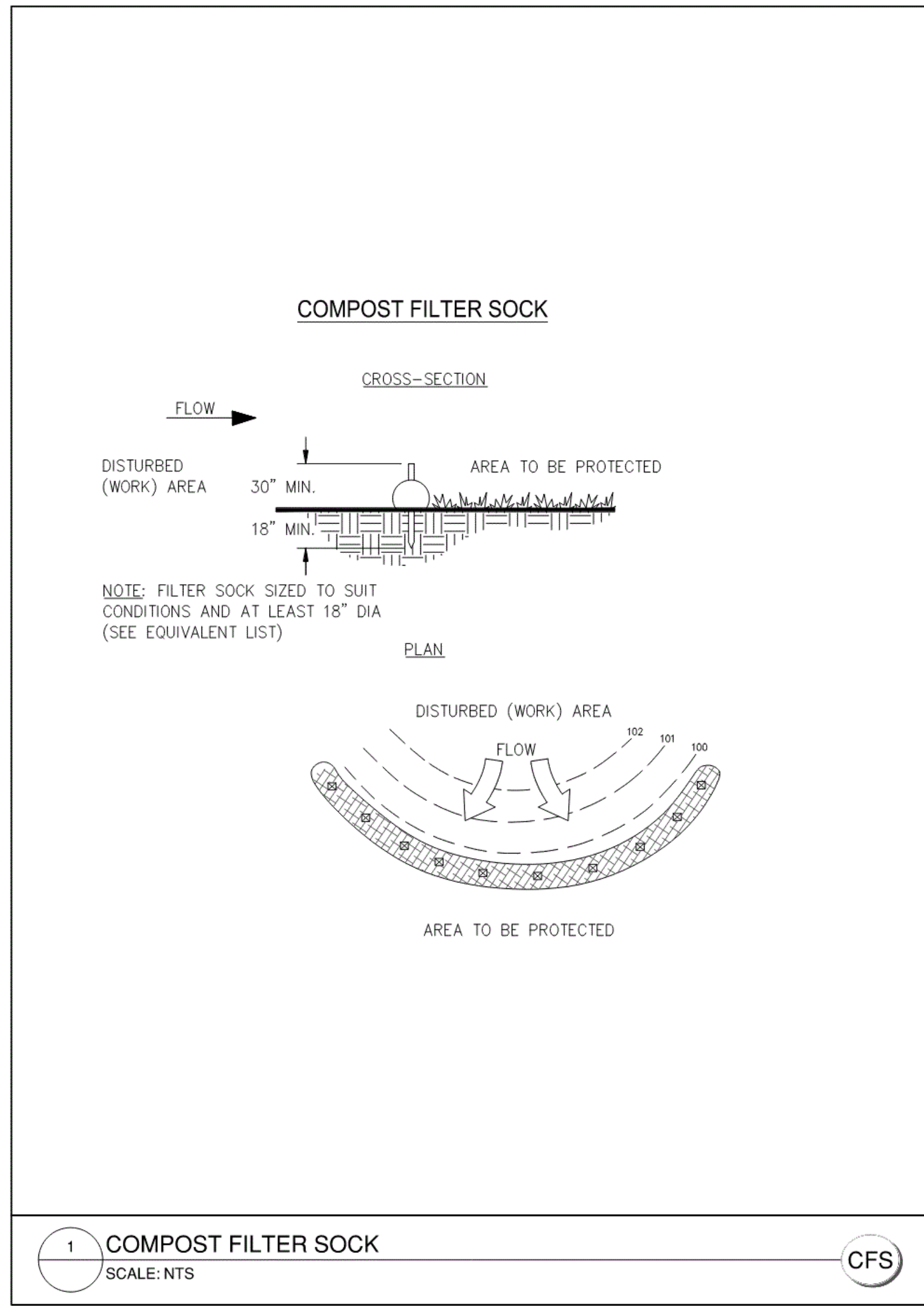
- 1. A LAND DISTURBING ACTIVITY PERMIT MUST BE OBTAINED PRIOR TO BEGINNING ANY LAND DISTURBING ACTIVITIES.
2. UTILITIES SHALL BE LOCATED AND A DIGGING TICKET SHALL BE OBTAINED PRIOR TO BEGINNING ANY LAND DISTURBING ACTIVITIES.
3. IF ANY UTILITIES EXIST OR ARE BELIEVED TO EXIST ON THE SITE, NO DISTURBANCES SHALL OCCUR WITHIN THESE UTILITIES UNTIL THE DEVELOPER HAS OBTAINED ALL NECESSARY PERMITS FROM THE U.S. ARMY CORPS OF ENGINEERS.
4. IF ANY DISCREPANCIES ARISE BETWEEN THE ENGINEER'S PLANS OR CONSTRUCTION STAKES AND ACTUAL SITE CONDITIONS ARISING DURING THE COURSE OF CONSTRUCTION THE DAY AND SHALL IDENTIFY ALL INCIDENTS OF BEST MANAGEMENT PRACTICES THAT HAVE NOT BEEN PROPERLY INSTALLED AND/OR MAINTAINED AS DESCRIBED IN THE PLAN WHERE THE REPORT DOES NOT IDENTIFY AN INCIDENT. THE INSPECTION REPORT SHALL CONTAIN A STATEMENT THAT THE BEST MANAGEMENT PRACTICES ARE IN COMPLIANCE WITH THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART V.2. OF THIS PERMIT.

SHEET TITLE:
NPDES PLAN

REVISION SCHEDULE table with columns DATE and DESCRIPTION.

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JWM
SCALE: AS SHOWN
SHEET: C3.4

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VOL. II SAVANNAH ARTS ACADEMY ADDITION

500 WASHINGTON AVENUE
SAVANNAH, GA 31405

SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM

GMP CONSTRUCTION DOCUMENTS

SCCPSS

FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

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CERT. #0000038107

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SAVANNAH, GA 31406

KEY PLAN:

SHEET TITLE:

SOIL EROSION CONTROL DETAILS - 1

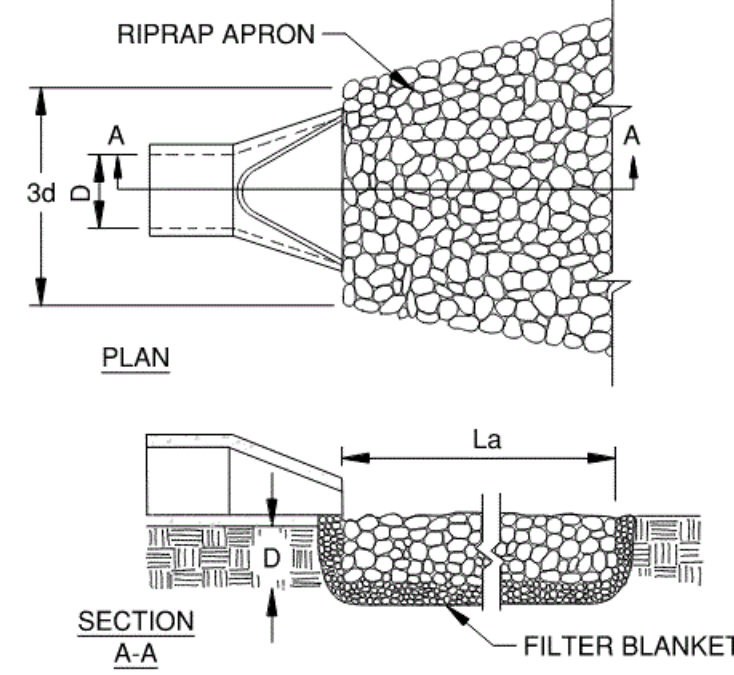
REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JWM
SCALE: AS SHOWN

SHEET: **C3.5**

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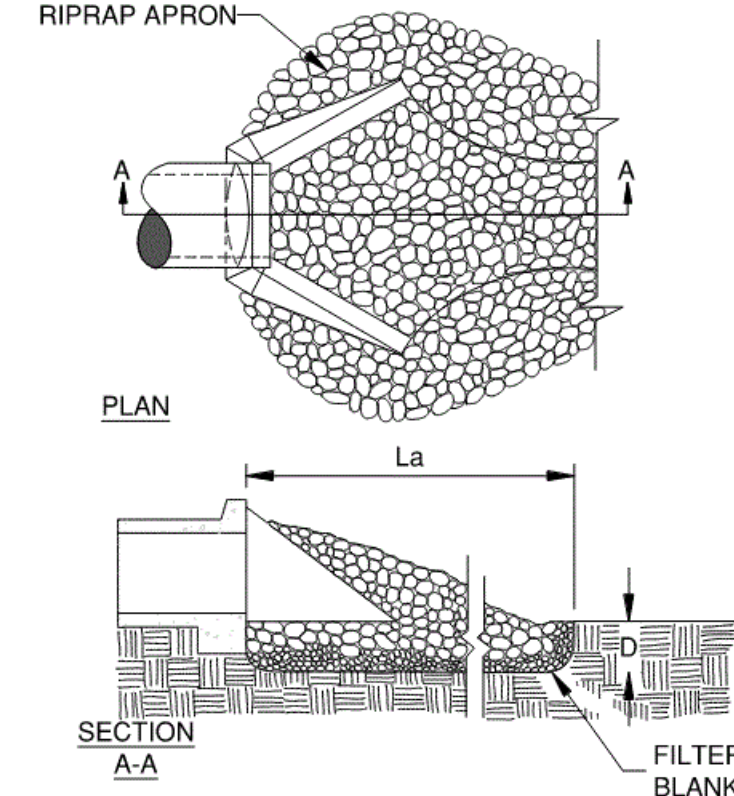
PIPE OUTLET TO FLAT AREA -- NO WELL DEFINED CHANNEL



- NOTES:**
1. La IS THE LENGTH OF THE RIPRAP APRON.
 2. D = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6".
 3. IN A WELL-DEFINED CHANNEL, EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIMUM TAILWATER DEPTH OR TO THE TOP OF THE BANK (WHICHEVER IS LESS).
 4. A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND THE SOIL FOUNDATION.

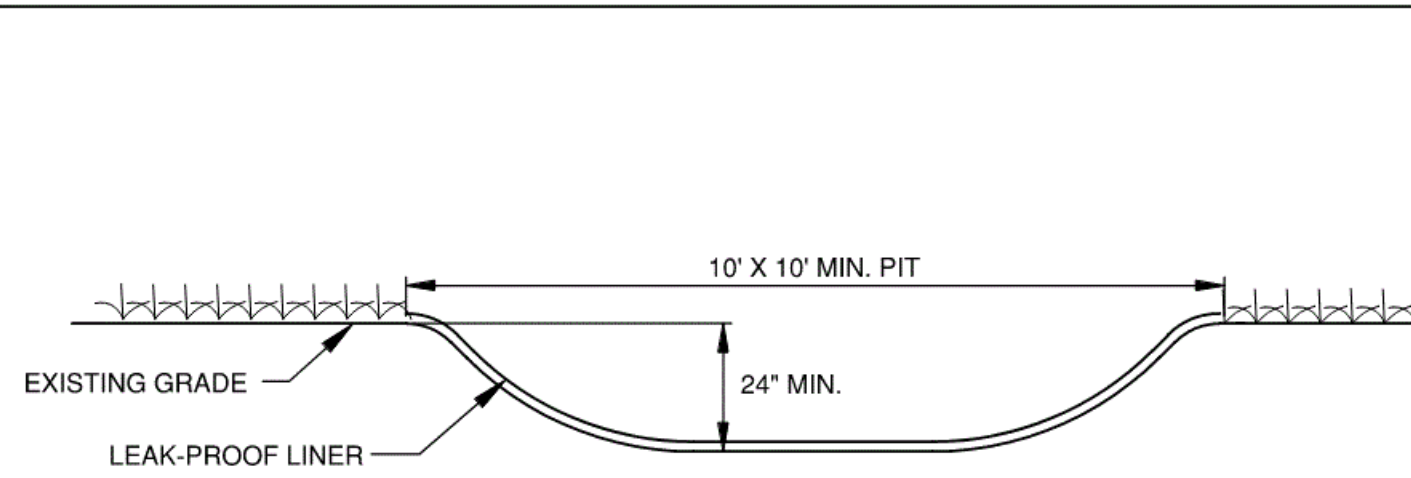
RIP RAP OUTLET PROTECTION DESIGN CHART								
	D (FT)	W1 (FT)	W2 (FT)	La (FT)	TW (FT)	d50 (FT)	PIPE VEL. (FPS)	PIPE Q (CFS)
St-1	3.5	10.5	25.5	22	<-0.5D	0.7	1.25	7.873
St-2	3	9.0	23.0	20	<-0.5D	0.6	1.02	4.642

PIPE OUTLET TO WELL DEFINED CHANNEL



1 RIP-RAP OUTLET PROTECTION
SCALE: NTS

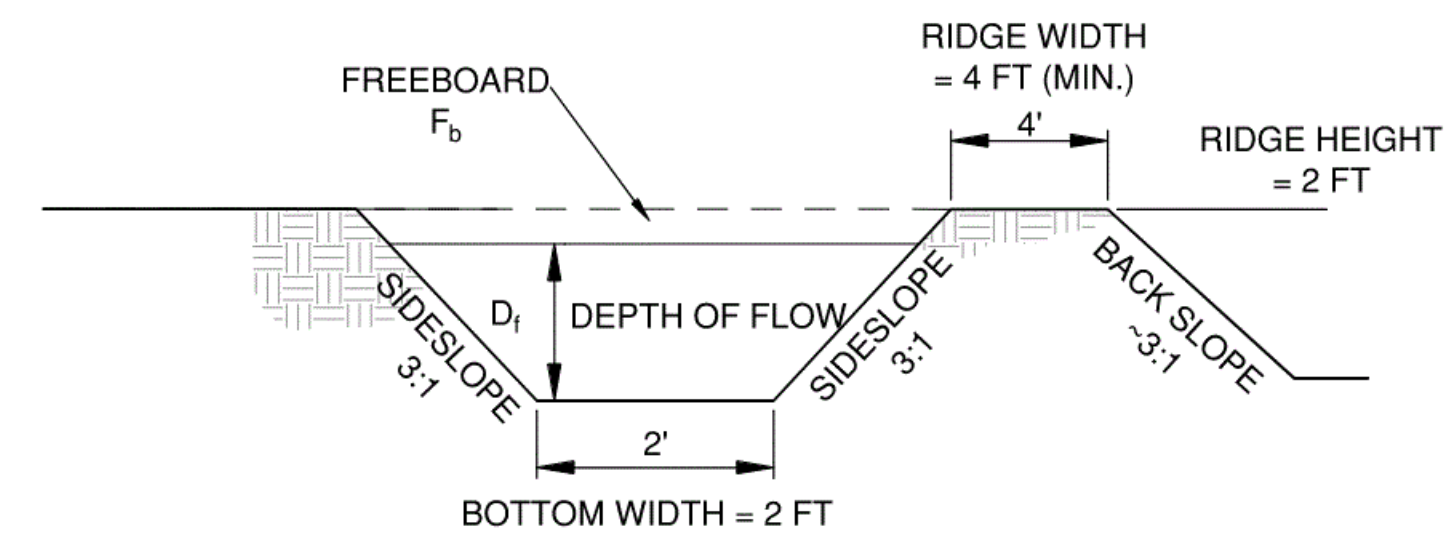
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- NOTES:**
1. WASHDOWN PIT SHALL BE LINED WITH LEAK-PROOF MATERIAL TO PREVENT THE TRANSPORT OF CONCRETE SOLIDS TO THE SOIL.
 2. ALL TOOLS, CONCRETE MIXER CHUTES, HOPPERS, AND VEHICLES SHALL BE WASHED AT THE WASHDOWN PIT.
 3. ONCE THE WATER HAS EVAPORATED, THE SOLIDS REMAINING IN THE PIT CAN BE RECYCLED IN THE SITE CONSTRUCTION OR DISPOSED OF AT THE LANDFILL.
 4. ALL SOLIDS AND LINER SHALL BE REMOVED FROM THE PIT AT THE END OF CONSTRUCTION AND DISPOSED OF AT THE LANDFILL.
 5. WASHDOWN WATER SHALL NOT OVERFLOW THE WASHDOWN PIT.

WASHDOWN PIT DETAIL
N.T.S.

2 CONCRETE WASH-DOWN PIT
SCALE: NTS

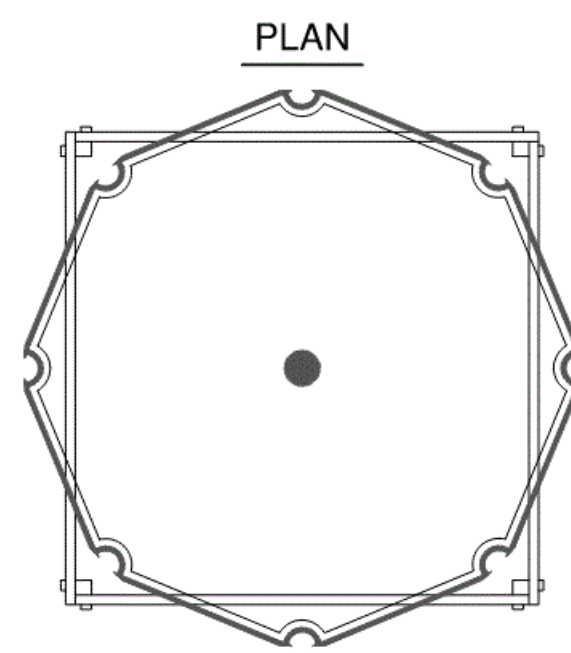


DIVERSION DITCHES							
DI #	CONTRIBUTING AREA	MAX FLOW	MAX VELOCITY	W _b	D _i	F _b	CH ₁ CHANNEL STABILIZATION
Di-1	0.60 AC	3.73 CFS	1.96 FPS	2'	0.53	1.47	Ch-1
Di-2	0.77 AC	4.35 CFS	2.06 FPS	2'	0.57	1.43	Ch-1
Di-3	0.44 AC	2.73 CFS	1.81 FPS	2'	0.45	1.55	Ch-1
Di-4	0.43 AC	2.67 CFS	1.79 FPS	2'	0.44	1.56	Ch-1

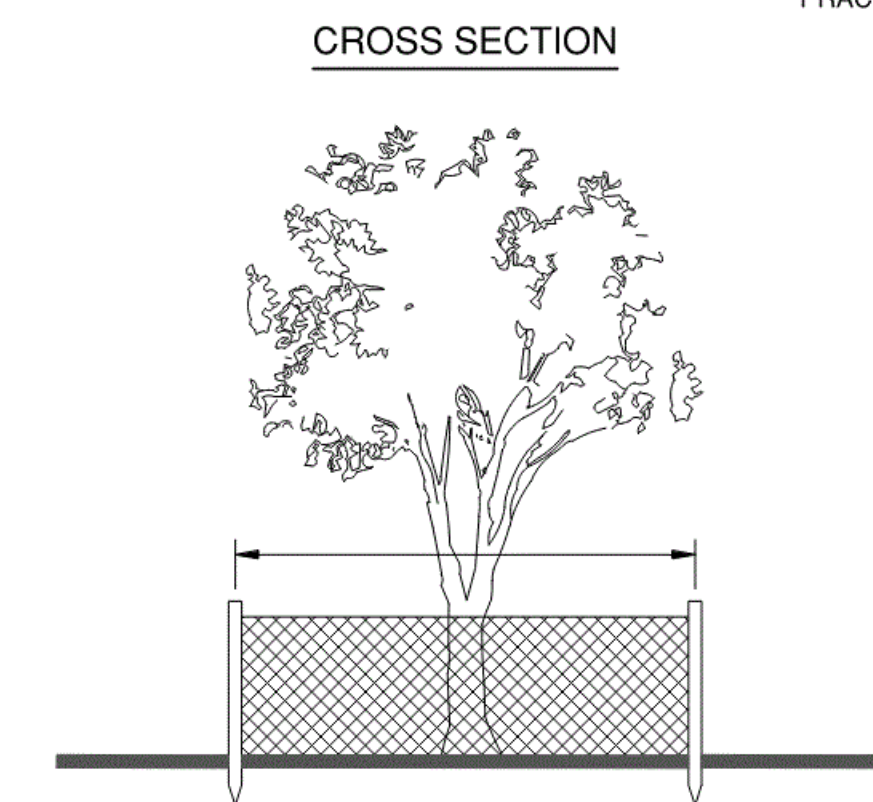
- NOTES:**
1. THE CHANNEL BEHIND THE RIDGE SHALL HAVE POSITIVE GRADE TO A STABILIZED OUTLET.
 2. THE RIDGE SHALL BE ADEQUATELY COMPACTED TO PREVENT FAILURE.
 3. THE RIDGE SHALL BE STABILIZED WITH TEMPORARY SEEDING.
 4. LONGITUDINAL CHANNEL SLOPE SHALL BE 2.0% OR FLATTER.
 5. ALL SLOPES SHALL BE 3:1 OR FLATTER.
 6. MAX FLOW RATE BASED ON 10-YR PEAK RUNOFF.

3 DIVERSIONS
SCALE: NTS

DI



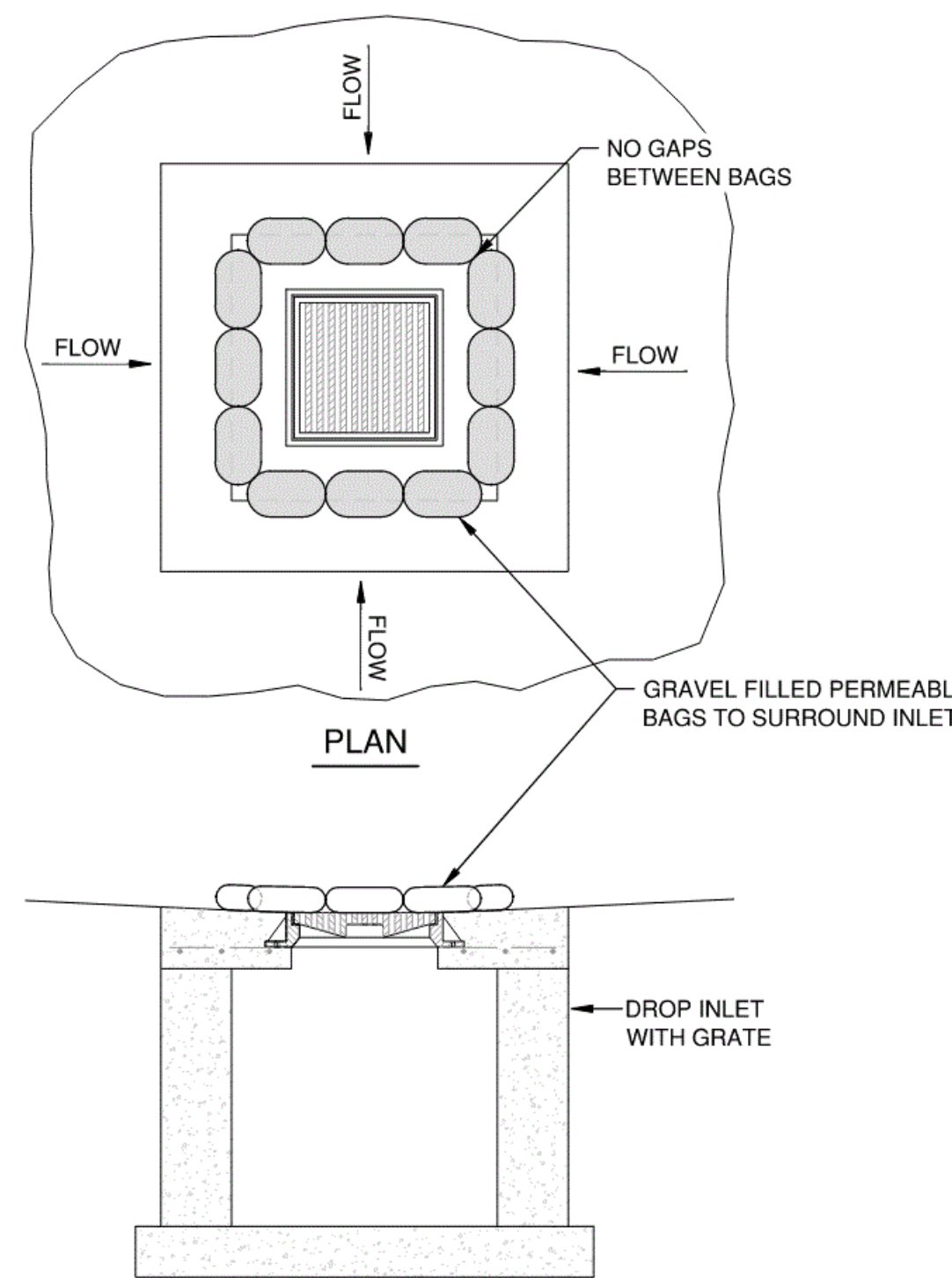
- FOR ADDED PROTECTION**
- PROVIDE 4" DEEP ORGANIC MULCH OVER ANY UNPROTECTED ROOT ZONE.
 - PROVIDE TEMPORARY IRRIGATION WHERE PRACTICAL AND FEASIBLE.



- NOTES:**
- BARRIER CONSTRUCTED TO PROTECT TREE TRUNK, CROWN, AND ROOT SYSTEM FROM INJURY. BARRIERS SHALL BE LOCATED AT THE LIMITS OF THE TREE'S CRITICAL ROOT ZONE (A RADIUS OF ONE AND A HALF FEET PER INCH OF THE TREE'S DIAMETER AT BREAST HEIGHT). BARRIER SHALL BE KEPT IN GOOD CONDITION FOR THE DURATION OF THE PROJECT AND IS TO REMAIN IN PLACE UNTIL THE NOTICE OF TERMINATION.

4 TREE PROTECTION "CHAIN LINK FENCE"
SCALE: NTS

Tr

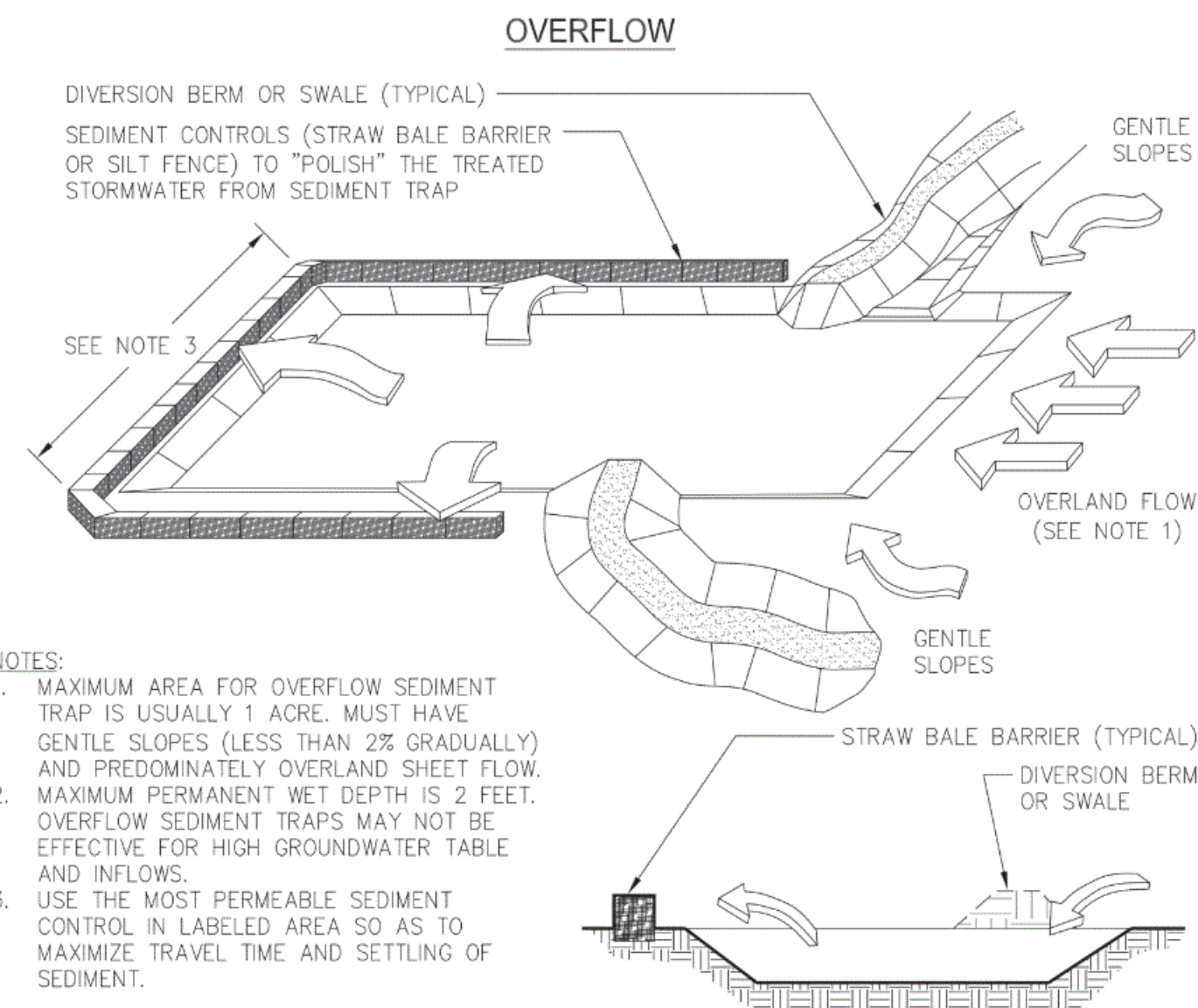


- NOTE:**
- Sd2-GRAVEL BAGS TO BE UTILIZED ON THE FINAL PHASE OF EROSION CONTROL AND ONLY IN THE AREAS THAT ARE PAVED.

5 INLET SEDIMENT TRAP - GRAVEL BAG
SCALE: NTS

Sd2-G

TEMPORARY SEDIMENT TRAP
COURTESY OF CITY OF KNOXVILLE BMP EROSION AND SEDIMENT



- NOTES:**
1. MAXIMUM AREA FOR OVERFLOW SEDIMENT TRAP IS USUALLY 1 ACRE. MUST HAVE GENTLE SLOPES (LESS THAN 2% GRADUALLY) AND PREDOMINATELY OVERLAND SHEET FLOW.
 2. MAXIMUM PERMANENT WET DEPTH IS 2 FEET. OVERFLOW SEDIMENT TRAPS MAY NOT BE EFFECTIVE FOR HIGH GROUNDWATER TABLE AND INFLOWS.
 3. USE THE MOST PERMEABLE SEDIMENT CONTROL IN LABELED AREA SO AS TO MAXIMIZE TRAVEL TIME AND SETTLING OF SEDIMENT.

6 TEMPORARY SEDIMENT TRAP
SCALE: NTS

Sd4

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SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
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FACILITY CODE: 1607
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FUNDING: LOCAL EFFORT
BID NO #: C22-01

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KEY PLAN:

SHEET TITLE:

SOIL EROSION CONTROL DETAILS - 2

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JVM
SCALE: AS SHOWN
SHEET: **C3.6**

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DEFINITION
APPLYING PLANT RESIDUES OR OTHER SUITABLE MATERIALS, PRODUCED ON THE SITE IF POSSIBLE, TO THE SOIL SURFACE.

CONDITIONS
MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 14 DAYS OF DISTURBANCE. MULCH CAN BE USED AS A SINGLE EROSION CONTROL DEVICE FOR UP TO SIX MONTHS, BUT IT SHALL BE APPLIED AT THE APPROPRIATE DEPTH, DEPENDING ON THE MATERIAL USED. ANCHORED, AND HAVE A CONTINUOUS 90% COVER OR GREATER OF THE SOIL SURFACE. MAINTENANCE SHALL BE REQUIRED TO MAINTAIN APPROPRIATE DEPTH AND 90% COVER. TEMPORARY VEGETATION MAY BE EMPLOYED INSTEAD OF MULCH IF THE AREA WILL REMAIN UNDISTURBED FOR LESS THAN SIX MONTHS. IF AN AREA WILL REMAIN UNDISTURBED FOR GREATER THAN SIX MONTHS, PERMANENT VEGETATIVE TECHNIQUES SHALL BE EMPLOYED.

SPECIFICATIONS

MULCHING WITHOUT SEEDING
THIS STANDARD APPLIES TO GRADES OR CLEARED AREAS WHERE SEEDINGS MAY NOT HAVE A SUITABLE GROWING SEASON TO PRODUCE AN EROSION RETARDANT COVER, BUT CAN BE STABILIZED WITH A MULCH COVER.

SITE PREPARATION

- GRADE TO PERMIT THE USE OF EQUIPMENT FOR APPLYING AND ANCHORING MULCH.
- INSTALL NEEDED EROSION CONTROL MEASURES AS REQUIRED SUCH AS DIKES, DIVERSIONS, BERMS, TERRACES AND SEDIMENT BARRIERS.
- LOOSEN COMPACT SOIL TO A MINIMUM DEPTH OF 3 INCHES.

MULCHING MATERIALS
SELECT ONE OF THE FOLLOWING MATERIALS AND APPLY AT THE DEPTH INDICATED:

- DRY STRAW OR HAY SHALL BE APPLIED AT A DEPTH OF 2 TO 4 INCHES PROVIDING COMPLETE SOIL COVERAGE. ONE ADVANTAGE OF THIS MATERIAL IS EASY APPLICATION.
- WOOD WASTE (CHIPS, SAWDUST OR BARK) SHALL BE APPLIED AT A DEPTH OF 2 TO 3 INCHES. ORGANIC MATERIAL FROM THE CLEARING STAGE OF DEVELOPMENT SHOULD REMAIN ON SITE, BE CHIPPED, AND APPLIED AS MULCH. THIS METHOD OF MULCHING CAN GREATLY REDUCE EROSION CONTROL COSTS.
- POLYETHYLENE FILM SHALL BE SECURED OVER BANKS OR STOCKPILED SOIL MATERIAL FOR TEMPORARY PROTECTION. THIS MATERIAL CAN BE SALVAGED AND REUSED.

APPLYING MULCH
WHEN MULCH IS USED WITHOUT SEEDING, MULCH SHALL BE APPLIED TO PROVIDE FULL COVERAGE OF THE EXPOSED AREA.

- DRY STRAW OR HAY MULCH AND WOOD CHIPS SHALL BE APPLIED UNIFORMLY BY HAND OR BY MECHANICAL EQUIPMENT.
- IF THE AREA WILL EVENTUALLY BE COVERED WITH PERENNIAL VEGETATION, 20-30 POUNDS OF NITROGEN PER ACRE IN ADDITION TO THE NORMAL AMOUNT SHALL BE APPLIED TO OFFSET THE UPTAKE OF NITROGEN CAUSED BY THE DECOMPOSITION OF THE ORGANIC MULCHES.
- CUTBACK ASPHALT SHALL BE APPLIED UNIFORMLY. CARE SHOULD BE TAKEN IN AREAS OF PEDESTRIAN TRAFFIC DUE TO PROBLEMS OF "TRACKING IN" OR DAMAGE TO SHOES, CLOTHING, ETC.
- APPLY POLYETHYLENE FILM ON EXPOSED AREAS.

ANCHORING MULCH

- STRAW OR HAY MULCH CAN BE PRESSED INTO THE SOIL WITH A DISK HOLLOW WITH THE DISK SET STRAIGHT OR WITH A SPECIAL "PLUCKER" DISK. DISKS MAY BE SMOOTH OR SERRATED AND SHOULD BE 20 INCHES OR MORE IN DIAMETER AND 8 TO 12 INCHES APART. THE EDGES OF THE DISK SHOULD BE DULL ENOUGH NOT TO CUT THE MULCH BUT TO PRESS IT INTO THE SOIL LEAVING MULCH OF IT IN AN ERECT POSITION. STRAW OR HAY MULCH SHALL BE ANCHORED IMMEDIATELY AFTER APPLICATION. STRAW OR HAY MULCH SPREAD WITH SPECIAL BLOWER-TYPE EQUIPMENT MAY BE ANCHORED WITH EMULSIFIED ASPHALT (GRADE A-5 OR SS-1). THE ASPHALT EMULSION SHALL BE SPRAYED ONTO THE MULCH AS IT IS EJECTED FROM THE MACHINE. USE 100 GALLONS OF EMULSIFIED ASPHALT AND 100 GALLONS OF WATER PER TON OF MULCH. TACKIFIERS AND BINDERS CAN BE SUBSTITUTED FOR EMULSIFIED ASPHALT. PLEASE REFER TO SPECIFICATION TB-TACKIFIERS AND BINDERS. PLASTIC MESH OR NETTING WITH MESH NO LARGER THAN ONE INCH BY ONE INCH SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
- NETTING OF THE APPROPRIATE SIZE SHALL BE USED TO ANCHOR WOOD WASTE. OPENINGS OF THE NETTING SHALL NOT BE LARGER THAN THE AVERAGE SIZE OF THE WOOD WASTE CHIPS.
- POLYETHYLENE FILM SHALL BE ANCHOR TRENCHED AT THE TOP AS WELL AS INCREMENTALLY AS NECESSARY.

1 DISTURBED AREA STABILIZATION (W/ MULCH ONLY) Ds1
SCALE: NTS

DEFINITION
THE ESTABLISHMENT OF TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDINGS FOR SEASONAL PROTECTION ON DISTURBED OR DENUDEED AREAS.

CONDITIONS
TEMPORARY GRASSING, INSTEAD OF MULCH, CAN BE APPLIED TO ROUGH GRADED AREAS THAT WILL BE EXPOSED FOR LESS THAN SIX MONTHS. TEMPORARY VEGETATIVE MEASURES SHOULD BE COORDINATED WITH PERMANENT MEASURES TO ASSURE ECONOMICAL AND EFFECTIVE STABILIZATION. MOST TYPES OF TEMPORARY VEGETATION ARE IDEAL TO USE AS COMPANION CROPS UNTIL THE PERMANENT VEGETATION IS ESTABLISHED.

SPECIFICATIONS

GRADING AND SHAPING
EXCESSIVE WATER RUN-OFF SHALL BE REDUCED BY PROPERLY DESIGNED AND INSTALLED EROSION CONTROL PRACTICES SUCH AS CLOSED DRAINS, DITCHES, DIKES, DIVERSIONS, SEDIMENT BARRIERS AND OTHERS.

NO SHAPING OR GRADING IS REQUIRED IF SLOPES CAN BE STABILIZED BY HAND-SEEDED VEGETATION OR IF HYDRAULIC SEEDING EQUIPMENT IS TO BE USED.

SEEDBED PREPARATION
WHEN A HYDRAULIC SEEDER IS USED, SEEDBED PREPARATION IS NOT REQUIRED. WHEN USING CONVENTIONAL OR HANDSEEDING, SEEDBED PREPARATION IS NOT REQUIRED IF THE SOIL MATERIAL IS LOOSE AND NOT SEALED BY RAINFALL. WHEN SOIL HAS BEEN SEALED BY RAINFALL OR CONSISTS OF SMOOTH CUT SLOPES, THE SOIL SHALL BE PITTED, TRENCHED OR OTHERWISE SCARIFIED TO PROVIDE A PLACE FOR SEED TO LODGE AND GERMINATE.

LIME AND FERTILIZER
AGRICULTURAL LIME IS REQUIRED UNLESS SOIL TESTS INDICATE OTHERWISE. APPLY AGRICULTURAL LIME AT A RATE OF ONE TON PER ACRE. GRADED AREAS REQUIRE LIME APPLICATION. SOILS CAN BE TESTED TO DETERMINE IF FERTILIZER IS NEEDED. ON REASONABLY FERTILE SOILS OR SOIL MATERIAL, FERTILIZER IS NOT REQUIRED. FOR SOILS WITH VERY LOW FERTILITY, 500 TO 700 POUNDS OF 10-10-10 FERTILIZER OR THE EQUIVALENT PER ACRE (12-16 LBS / 1000 SQ. FT.) SHALL BE APPLIED. FERTILIZER SHOULD BE APPLIED BEFORE LAND PREPARATION AND INCORPORATED WITH A DISK, RIPPER OR CHISEL.

SEEDING
SELECT A GRASS OR GRASS-LEGUME MIXTURE SUITABLE TO THE AREA AND SEASON OF THE SEED SHALL BE APPLIED UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL, CULTIPACKER SEEDER, OR HYDRAULIC SEEDER (SLURRY INCLUDING SEED AND FERTILIZER). DRILL OR CULTIPACKER SEEDERS SHOULD NORMALLY PLACE SEED ONE-QUARTER TO ONE-HALF INCH APPROPRIATE DEPTH OF PLANTING IS TEN TIMES THE SEED DIAMETER. SOIL SHOULD BE "RAKED" LIGHTLY TO COVER SEED WITH SOIL IF SEEDING BY HAND.

MULCHING
TEMPORARY VEGETATION CAN, IN MOST CASES, BE ESTABLISHED WITHOUT THE USE OF MULCH. MULCH WITHOUT SEEDING SHOULD BE CONSIDERED FOR SHORT TERM PROTECTION. REFER TO DS1 - DISTURBED AREA STABILIZATION (WITH MULCHING ONLY).

IRRIGATION
DURING TIMES OF DROUGHT, WATER SHALL BE APPLIED AT A RATE NOT CAUSING RUNOFF AND EROSION. THE SOIL SHALL BE THOROUGHLY WETTED TO A DEPTH THAT WILL INSURE GERMINATION OF THE SEED. SUBSEQUENT APPLICATIONS SHOULD BE MADE WHEN NEEDED.

SEEDING RATES FOR TEMPORARY SEEDING		
MONTH OF PLANTING	TEMPORARY GRASS	RATE
MARCH-JUNE	LOVEGRASS, WEEPING	4 Lbs./Ac
APRIL- AUGUST	MILLET PEARL	50 Lbs./Ac
SEPTEMBER-FEBRUARY	RYE	3 BU./AC

2 DISTURBED AREA STABILIZATION (W/ TEMP. SEEDING) Ds2
SCALE: NTS

DEFINITION
THE PLANTING OF PERENNIAL VEGETATION SUCH AS TREES, SHRUBS, VINES, GRASSES, OR LEGUMES ON EXPOSED AREAS FOR FINAL PERMANENT STABILIZATION. PERMANENT PERENNIAL VEGETATION SHALL BE USED TO ACHIEVE FINAL STABILIZATION.

CONDITIONS
PERMANENT PERENNIAL VEGETATION IS USED TO PROVIDE A PROTECTIVE COVER FOR EXPOSED AREAS INCLUDING CUTS, FILLS, DAMS, AND OTHER DENUDEED AREAS.

SPECIFICATIONS

GRADING AND SHAPING
GRADING AND SHAPING MAY NOT BE REQUIRED WHERE HYDRAULIC SEEDING AND FERTILIZING EQUIPMENT IS TO BE USED. VERTICAL BANKS SHALL BE SLOPED TO ENABLE PLANT ESTABLISHMENT. WHEN CONVENTIONAL SEEDING AND FERTILIZING ARE TO BE DONE, GRADE AND SHAPE WHERE FEASIBLE AND PRACTICAL, SO THAT EQUIPMENT CAN BE USED SAFELY AND EFFICIENTLY DURING SEEDBED PREPARATION, SEEDING, MULCHING AND MAINTENANCE OF THE VEGETATION. CONCENTRATIONS OF WATER THAT WILL CAUSE EXCESSIVE SOIL EROSION SHALL BE DIVERTED TO A SAFE OUTLET. DIVERSIONS AND OTHER TREATMENT PRACTICES SHALL CONFORM WITH THE APPROPRIATE STANDARDS AND SPECIFICATIONS.

LIME AND FERTILIZER
WHEN HYDRAULIC SEEDING EQUIPMENT IS USED, THE INITIAL FERTILIZER SHALL BE MIXED WITH SEED, INOCULANT (IF NEEDED), AND WOOD CELLULOSE OR WOOD PULP FIBER MULCH AND APPLIED IN A SLURRY. THE INOCULANT, IF NEEDED, SHALL BE MIXED WITH THE SEED PRIOR TO BEING PLACED INTO THE HYDRAULIC SEEDER. THE SLURRY MIXTURE WILL BE AGITATED DURING APPLICATION TO KEEP THE INGREDIENTS THOROUGHLY MIXED. THE MIXTURE WILL BE SPREAD UNIFORMLY OVER THE AREA WITHIN ONE HOUR AFTER BEING PLACED IN THE HYDROSEEDER. FINELY GROUND LIMESTONE CAN BE APPLIED IN THE MULCH SLURRY OR IN COMBINATION WITH THE TOP DRESSING. LIME SHALL BE APPLIED AT A RATE OF ONE TO TWO TONS PER ACRE UNLESS SOIL TESTING INDICATES OTHERWISE. FERTILIZER SHALL BE APPLIED AT A RATE OF 1500 POUNDS PER ACRE. WHEN CONVENTIONAL PLANTING IS TO BE DONE, LIME AND FERTILIZER SHALL BE APPLIED UNIFORMLY IN ONE OF THE FOLLOWING WAYS:

- APPLY BEFORE LAND PREPARATION SO THAT IT WILL BE MIXED WITH THE SOIL DURING SEEDBED PREPARATION.
- MIX WITH THE SOIL USED TO FILL THE HOLES, DISTRIBUTE IN FURROWS.
- BROADCAST AFTER STEEP SURFACES ARE SCARIFIED, PITTED OR TRENCHED.
- A FERTILIZER PELLETT SHALL BE PLACED AT FOOT DEPTH IN THE CLOSING HOLE BESIDE EACH PINE TREE SEEDLING.

MULCHING
MULCH IS REQUIRED FOR ALL PERMANENT VEGETATION APPLICATIONS. MULCH APPLIED TO SEEDED AREAS SHALL ACHIEVE 75% TO 100% SOIL COVER. WHEN SELECTING A MULCH, DESIGN PROFESSIONALS SHOULD CONSIDER THE MULCH'S FUNCTIONAL LONGEVITY, VEGETATION ESTABLISHMENT ENHANCEMENT, AND EROSION CONTROL EFFECTIVENESS. SELECT THE MULCHING MATERIAL FROM THE FOLLOWING AND APPLY AS INDICATED:

- DRY STRAW OR DRY HAY OF GOOD QUALITY AND FREE OF WEED SEEDS CAN BE USED. DRY STRAW SHALL BE APPLIED AT THE RATE OF 2 TONS PER ACRE. DRY HAY SHALL BE APPLIED AT A RATE OF 2 1/2 TONS PER ACRE.
- WOOD CELLULOSE MULCH OR WOOD PULP FIBER SHALL BE USED WITH HYDRAULIC SEEDING. IT SHALL BE APPLIED AT THE RATE OF 500 POUNDS PER ACRE. DRY STRAW OR DRY HAY SHALL BE APPLIED (AT THE RATE INDICATED ABOVE) AFTER HYDRAULIC SEEDING.
- ONE THOUSAND POUNDS OF WOOD CELLULOSE OR WOOD PULP FIBER, WHICH INCLUDES A TACKIFIER, SHALL BE USED WITH HYDRAULIC SEEDING ON SLOPES 3:4' OR STEEPER.
- SERICEA LESPEDEZA HAY CONTAINING MATURE SEED SHALL BE APPLIED AT A RATE OF THREE TONS PER ACRE.
- PINE STRAW OR PINE BARK SHALL BE APPLIED AT A THICKNESS OF 3 INCHES FOR BEDDING PURPOSES. OTHER SUITABLE MATERIALS IN SUFFICIENT QUANTITY MAY BE USED WHERE ORNAMENTALS OR OTHER GROUND COVERS ARE PLANTED. THIS IS NOT APPROPRIATE FOR SEEDED AREAS.
- WHEN USING TEMPORARY EROSION CONTROL BLANKETS OR BLOCK SOD, MULCH IS NOT REQUIRED.
- BITUMINOUS TREATED ROVING MAY BE APPLIED ON PLANTED AREAS, SLOPES, IN DITCHES OR DRY WATERWAYS TO PREVENT EROSION. BITUMINOUS TREATED ROVING SHALL BE APPLIED WITHIN 24 HOURS AFTER AN AREA HAS BEEN PLANTED. APPLICATION RATES AND MATERIALS MUST MEET GEORGIA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS. WOOD CELLULOSE AND WOOD PULP FIBERS SHALL NOT CONTAIN GERMINATION OR GROWTH INHIBITING FACTORS. THEY SHALL BE EVENLY DISPERSED WHEN AGITATED IN WATER. THE FIBERS SHALL CONTAIN A DYE TO ALLOW VISUAL METERING AND AID IN UNIFORM APPLICATION DURING SEEDING.

IRRIGATION WILL BE APPLIED AT A RATE THAT WILL NOT CAUSE RUNOFF.

SEEDING RATES FOR PERMANENT SEEDING		
MONTH OF PLANTING	PERMANENT GRASS	RATE
MARCH-JUNE	COMMON BERMUDA & COMMON BERMUDA (HULLED)	10 Lbs./Ac 10 Lbs./Ac
JULY- AUGUST	COMMON BERMUDA (HULLED) & BROWN TOP MILLET	10 Lbs./Ac 10 Lbs./Ac
SEPTEMBER-FEBRUARY	COMMON BERMUDA (UNHULLED) & RYE	10 Lbs./Ac 1/2 Lbs./Ac

3 DISTURBED AREA STABILIZATION (W/ PERM SEEDING) Ds3
SCALE: NTS

SPECIFICATIONS (CONT.)

LIME AND FERTILIZER RATES AND ANALYSIS
AGRICULTURAL LIME IS REQUIRED AT THE RATE OF ONE TO TWO TONS PER ACRE UNLESS SOIL TESTS INDICATE OTHERWISE. GRADED AREAS REQUIRE LIME APPLICATION. IF LIME IS APPLIED WITHIN SIX MONTHS OF PLANTING PERMANENT PERENNIAL VEGETATION, ADDITIONAL LIME IS NOT REQUIRED. AGRICULTURAL LIME SHALL BE WITHIN THE SPECIFICATIONS OF THE GEORGIA DEPARTMENT OF AGRICULTURE.

LIME SPREAD BY CONVENTIONAL EQUIPMENT SHALL BE "GROUND LIMESTONE" - GROUND LIMESTONE IS CALCITIC OR DOLOMITIC LIMESTONE GROUND SO THAT 90 PERCENT OF THE MATERIAL WILL PASS THROUGH A 10-MESH SIEVE, NOT LESS THAN 50 PERCENT WILL PASS THROUGH A 50-MESH SIEVE, AND NOT LESS THAN 25 PERCENT WILL PASS THROUGH A 100-MESH SIEVE.

FAST-ACTING LIME SPREAD BY HYDRAULIC SEEDING EQUIPMENT SHOULD BE "FINELY GROUND LIMESTONE" - SPANNING FROM THE 160 MICRON SIZE TO THE 5 MICRON SIZE. FINELY GROUND LIMESTONE IS CALCITIC OR DOLOMITIC LIMESTONE GROUND SO THAT 95 PERCENT OF THE MATERIAL WILL PASS THROUGH A 100-MESH SIEVE.

IT IS DESIRABLE TO USE DOLOMITIC LIMESTONE IN THE SAND HILLS, SOUTHERN COASTAL PLAIN AND ATLANTIC COAST FLATWOODS MLRAS.

AGRICULTURAL LIME IS GENERALLY NOT REQUIRED WHERE ONLY TREES ARE PLANTED.

INITIAL FERTILIZATION, NITROGEN, TOPDRESSING, AND MAINTENANCE FERTILIZER REQUIREMENTS FOR EACH SPECIES OR COMBINATION OF SPECIES ARE LISTED IN THE FOLLOWING TABLE.

FERTILIZER REQUIREMENTS				
TYPE OF SPECIES	YEAR	ANALYSIS OR EQUIVALENT N-P-K	RATE	N TOP DRESSING RATE
1. COOL SEASON GRASSES	FIRST	6-12-12	1500 LBS./AC.	50-100 LBS./AC. 1/2
	SECOND MAINTENANCE	6-12-12 10-10-10	1500 LBS./AC. 400 LBS./AC.	30
2. COOL SEASON GRASSES AND LEGUMES	FIRST	6-12-12	1500 LBS./AC.	0-50 LBS./AC. 1/
	SECOND MAINTENANCE	0-10-10 0-10-10	1000 LBS./AC. 400 LBS./AC.	---
3. GROUND COVERS	FIRST	10-10-10	1300 LBS./AC. 3/	---
	SECOND	10-10-10	1300 LBS./AC. 3/	---
	MAINTENANCE	10-10-10	1100 LBS./AC.	---
4. PINE SEEDLINGS	FIRST	20-10-5	ONE 21-GRAM PELLETT PER SEEDLING PLACED IN THE CLOSING HOLE	---
5. SHRUB LESPEDEZA	FIRST	0-10-10	700 LBS./AC.	---
	MAINTENANCE	0-10-10	700 LBS./AC. 4/	---
6. TEMPORARY COVER CROPS SEEDED ALONE	FIRST	10-10-10	500 LBS./AC.	30 LBS./AC. 5/
7. WARM SEASON GRASSES	FIRST	6-12-12	1500 LBS./AC.	50-100 LBS./AC. 2/6/
	SECOND MAINTENANCE	6-12-12 10-10-10	800 LBS./AC. 400 LBS./AC.	50-100 LBS./AC. 2/ 30 LBS./AC. 6/
8. WARM SEASON GRASSES AND LEGUMES	FIRST	6-12-12	1500 LBS./AC.	---
	SECOND MAINTENANCE	0-10-10 0-10-10	1000 LBS./AC. 400 LBS./AC.	---

- APPLY IN SPRING FOLLOWING SEEDING
- APPLY IN SPLIT APPLICATIONS WHEN HIGH RATES ARE USED
- APPLY IN 3 SPLIT APPLICATIONS
- APPLY WHEN PLANTS ARE PRUNED
- APPLY TO GRASS SPECIES ONLY
- APPLY WHEN PLANTS GROW TO A HEIGHT OF 2 TO 4 INCHES

3 DISTURBED AREA STABILIZATION (W/ PERM SEEDING) Ds3
SCALE: NTS

DEFINITION
CONTROLLING SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADS, AND DEMOLITION SITES.

CONDITIONS
THIS PRACTICE IS APPLICABLE TO AREAS SUBJECT TO SURFACE AND AIR MOVEMENT OF DUST WHERE ON AND OFF-SITE DAMAGE MAY OCCUR WITHOUT TREATMENT.

METHOD AND MATERIALS

A. TEMPORARY METHODS

- MULCHES. SEE STANDARD DS1 - DISTURBED AREA STABILIZATION (WITH MULCHING ONLY). SYNTHETIC RESINS MAY BE USED INSTEAD OF ASPHALT TO BIND MULCH MATERIAL. REFER TO STANDARD TB-TACKIFIERS AND BINDERS. RESINS SUCH AS CURASOL OR TERRATAK SHOULD BE USED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- VEGETATIVE COVER. SEE STANDARD DS2 - DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING).
- SPRAY-ON ADHESIVES. THESE ARE USED ON MINERAL SOILS (NOT EFFECTIVE ON MUCK SOILS). KEEP TRAFFIC OFF THESE AREAS. REFER TO STANDARD TB-TACKIFIERS AND BINDERS.
- TILLAGE. THIS PRACTICE IS DESIGNED TO ROUGHEN AND BRING CLODS TO THE SURFACE. IT IS AN EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE EROSION STARTS. BEGIN FLOWING ON WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWS SPACED ABOUT 12 INCHES APART, SPRING-TOOTHED HARROWS, AND SIMILAR PLOWS ARE EXAMPLES OF EQUIPMENT WHICH MAY PRODUCE THE DESIRED EFFECT.
- IRRIGATION. THIS IS GENERALLY DONE AS AN EMERGENCY TREATMENT. SITE IS SPRINKLED WITH WATER UNTIL THE SURFACE IS WET. REPEAT AS NEEDED.
- BARRIERS. SOLID BOARD FENCES, SNOW FENCES, BURLAP FENCES, CRATE WALLS, BALES OF HAY AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING. BARRIERS PLACED AT RIGHT ANGLES TO PREVAILING CURRENTS AT INTERVALS OF ABOUT 15 TIMES THEIR HEIGHT ARE EFFECTIVE IN CONTROLLING WIND EROSION.
- CALCIUM CHLORIDE. APPLY AT RATE THAT WILL KEEP SURFACE MOIST. MAY NEED RETREATMENT.

B. PERMANENT METHODS

- PERMANENT VEGETATION. SEE STANDARD DS3 - DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION). EXISTING TREES AND LARGE SHRUBS MAY AFFORD VALUABLE PROTECTION IF LEFT IN PLACE.
- TOPSOILING. THIS ENTAILS COVERING THE SURFACE WITH LESS EROSION SOIL MATERIAL. SEE STANDARD TP - TOPSOILING.
- STONE. COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL. SEE STANDARD CR-CONSTRUCTION ROAD STABILIZATION.

4 DUST CONTROL ON DISTURBED AREAS Du
SCALE: NTS

VOL. II SAVANNAH ARTS ACADEMY ADDITION
500 WASHINGTON AVENUE
SAVANNAH, GA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

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SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

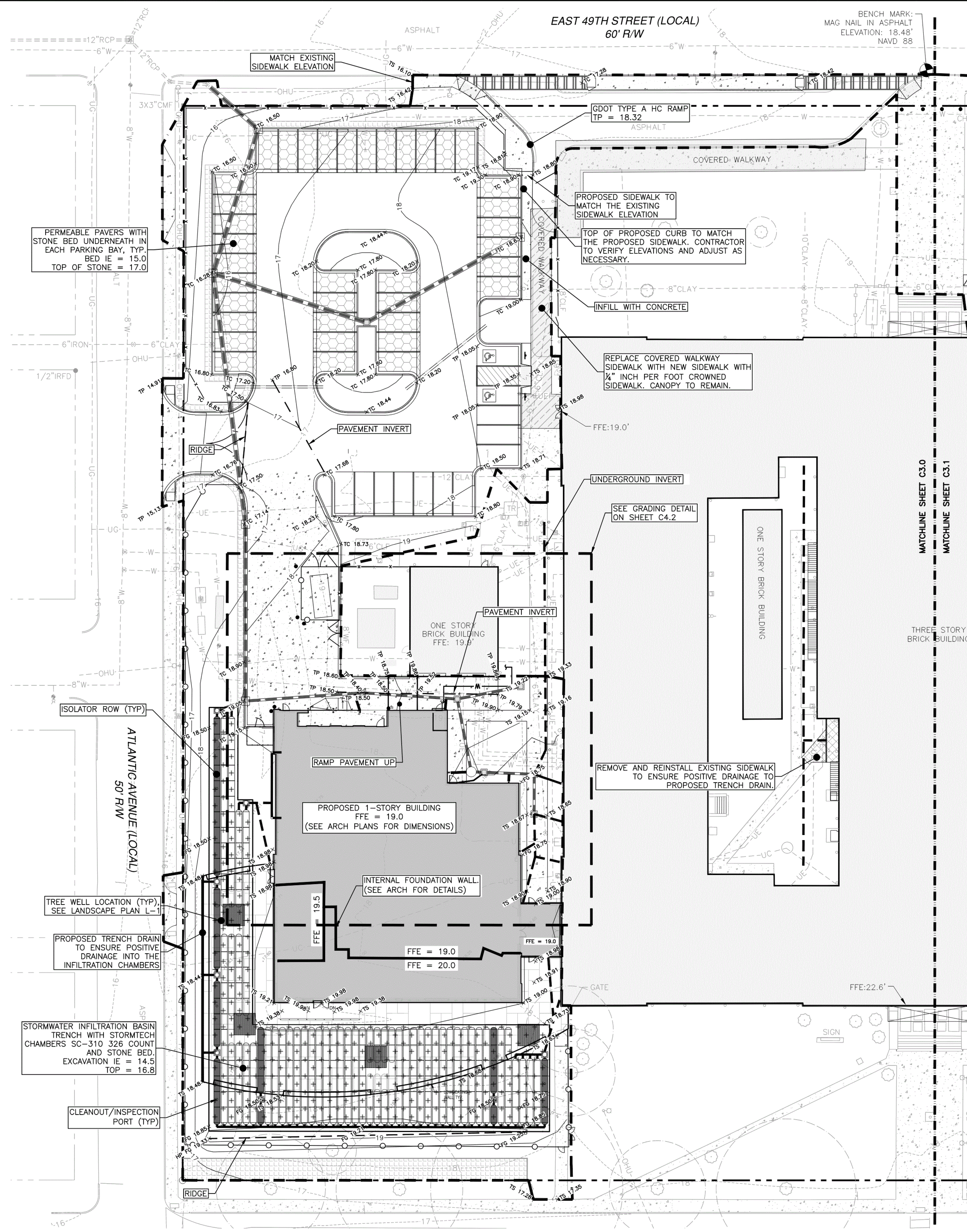
KEY PLAN:

SHEET TITLE:
SOIL EROSION CONTROL DETAILS - 3

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JWM
SCALE: AS SHOWN
SHEET: C3.7

Z:\MAXWELL-REDDICK & ASSOCIATES\JOBS\2020\2020-0118 COGDELL & MENDRALA - SAVANNAH ARTS ACADEMY\ENGINEERING\DESIGN\DRAWINGS\SAV-ARTS - GRADING.DWG



PAVING AND GRADING NOTES:

- TRANSITION SIDEWALKS/LOADING ZONE/AREA PAVEMENT AT DOORWAYS TO MATCH FINISHED FLOOR ELEVATION.
- ABBREVIATIONS:
 HP = HIGHPOINT
 TC = TOP OF CURB
 TP = TOP OF PAVEMENT
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 TS = TOP OF STEPS/SIDEWALK
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 PVP = POLYETHYLENE GLYCOL PIPE
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- THE MAXIMUM GRADE WITHIN THE PROPOSED HANDICAP SPACES AND ACCESS SPACES IS 2%.
- ALL CROSS SLOPES ON THE PROPOSED SIDEWALKS SHALL BE 2% OR LESS UNLESS OTHERWISE NOTED.
- ALL PROPOSED SIDEWALKS WITH SLOPES 5% OR GREATER SHALL HAVE AN ADA ACCEPTABLE HANDRAIL.
- SEE ARCH. PLANS FOR DETAILS ON REQUIRED HANDRAILS FOR H.C. RAMPS AND STEPS.
- THE MAXIMUM SLOPE ON ANY PROPOSED HANDICAP RAMP SHALL NOT EXCEED 12:1. HANDICAP RAMPS MUST COMPLY WITH THE MOST RECENT STATE AND FEDERAL ADA REGULATIONS.
- ASPHALT PAVEMENT SECTION: THE PAVEMENT SECTION SHOWN ON THE DETAIL SHEET(S) SHALL BE USED IN PROPOSED PARKING AREAS ON THE EAST SIDE AS NOTED ON SITE PLAN.
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- THE CONTRACTOR SHALL KEEP THE PROJECT SITE GRADED IN A WAY THAT PROVIDES POSITIVE DRAINAGE AT ALL TIMES. THE CONTRACTOR SHALL USE ANY TEMPORARY DRAINAGE PIPES, SWALES, DITCHES, ETC. AS NEEDED TO PROVIDE POSITIVE DRAINAGE.
- POSITIVE DRAINAGE MUST BE PROVIDED ON THE SITE AT ALL TIMES DURING CONSTRUCTION. ALL EXCAVATION SHALL BE PERFORMED SO THAT THE SITE AND THE AREA IMMEDIATELY SURROUNDING THE SITE WHICH EFFECTS THE OPERATIONS WILL BE CONTINUALLY AND EFFECTIVELY DRAINED. SURFACE WATER, GROUNDWATER, OR ANY PERCHED WATER WHICH MIGHT BE ENCOUNTERED DURING EXCAVATIONS SHALL BE DEWATERED BY THE CONTRACTOR BY ANY ACCEPTABLE MEANS APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL READ THE GEOTECHNICAL REPORT FOR THIS SITE THOROUGHLY AND FOLLOW ALL RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.
- ALL STRIPPED TOPSOIL SHALL BE SEPARATED AND STOCKPILED FOR REDISTRIBUTION BY THE CONTRACTOR. COORDINATE TEMPORARY STOCKPILE LOCATION WITH PROJECT MANAGER.
- ALL DISTURBED AREAS NOT TO RECEIVE PAVEMENTS, SIDEWALKS, OR STRUCTURES SHALL BE TOPPED WITH A MINIMUM OF 6 INCHES OF SUITABLE, SCREENED TOPSOIL MATERIAL AND SEEDED WITH STANDARD PERMANENT GRASS UNLESS NOTED OTHERWISE ON LANDSCAPE PLAN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL TESTING WITH THE TESTING COMPANY CHOSEN BY THE OWNER. ALL TESTING SHALL CONFORM TO THE PROJECT SPECIFICATIONS.
- ALL UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE PROPOSED AREAS TO RECEIVE BUILDINGS, STRUCTURES, BLEACHERS/STANDS, PAVEMENTS, SIDEWALKS, FIELDS, HANDSCAPES, AND ASSOCIATED FEATURES AND MUST BE REPLACED WITH SUITABLE FILL MATERIAL. BACKFILL AND COMPACTION SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS.
- CONTRACTOR TO VIDEO CAMERA ALL LINES 3" OR LARGER TO A DISTANCE OF 10 FT. BEYOND EXTERIOR OF BUILDING. RECORD AND TURN OVER TO DISTRICT IN DVD FORM WITH LABELS AS APPROPRIATE FOR THE FACILITY AND LOCATION.

MAXWELL-REDDICK & ASSOCIATES JOB NO. 2020-018

RIGHT-OF-WAY PERMIT NOTE:
 A RIGHT OF WAY PERMIT SHALL BE OBTAINED PRIOR TO PERFORMING CONSTRUCTION ACTIVITIES IN THE CITY'S R.O.W.

811
 Call before you dig.
 Call 811 before you dig.

REVISION SCHEDULE

DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JWM
SCALE: AS SHOWN

SHEET: C4.0

VOL. II SAVANNAH ARTS ACADEMY ADDITION
 500 WASHINGTON AVENUE
 SAVANNAH, GA 31405

GMP CONSTRUCTION DOCUMENTS

SCCPSS
 FACILITY CODE: 1607
 FTE: 1000
 FUNDING: LOCAL EFFORT
 BID NO#: C22-01

CogdelMendralaArchitects
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 tel 912.234.6318
 fax 912.236.8414
 cogdel@mendrala.com

SEAL:

 GSWCC LEVEL II
 DESIGN PROFESSIONAL
 CERT. #0000038107

PROJECT CONSULTANTS:
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 STATESBORO, GA 30458
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 SAVANNAH, GA 31410
 MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
 7402 HODGSON MEMORIAL DRIVE,
 SUITE 100
 SAVANNAH, GA 31406

KEY PLAN:

SHEET TITLE:
GRADING PLAN - A

REVISION SCHEDULE

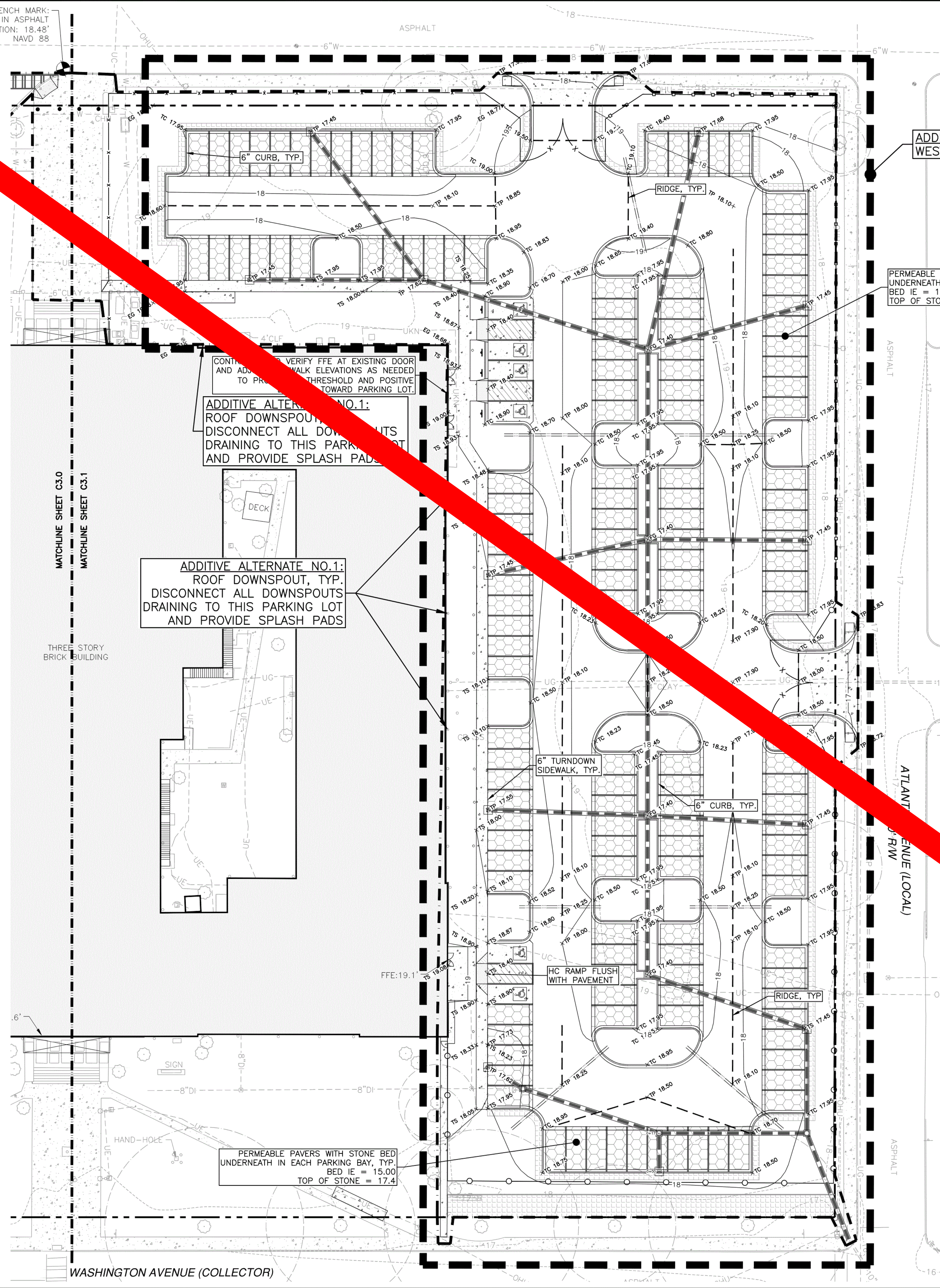
DATE	DESCRIPTION

PROJECT NO: 1916
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DRAWN BY: JWM
SCALE: AS SHOWN

SHEET: C4.0

Z:\MAXWELL-REDDICK & ASSOCIATES\JOBS\2020\2020-018 COGDELL & MENDRALA - SAVANNAH ARTS ACADEMY\ENGINEERING\DESIGN\SAV-ARTS - GRADING.DWG

BENCH MARK:
MAG NAIL IN ASPHALT
ELEVATION: 18.46'
NAVD 88



ADDITIVE ALTERNATE NO. 1:
WESTERN PARKING LOT

PERMEABLE PAVERS WITH STONE BED
UNDERNEATH IN EACH PARKING BAY, TYP.
BED IE = 15.0
TOP OF STONE = 17.4

ADDITIVE ALTERNATE NO. 1:
ROOF DOWNSPOUTS
DISCONNECT ALL DOWNSPOUTS
DRAINING TO THIS PARKING LOT
AND PROVIDE SPLASH PADS

ADDITIVE ALTERNATE NO. 1:
ROOF DOWNSPOUT, TYP.
DISCONNECT ALL DOWNSPOUTS
DRAINING TO THIS PARKING LOT
AND PROVIDE SPLASH PADS

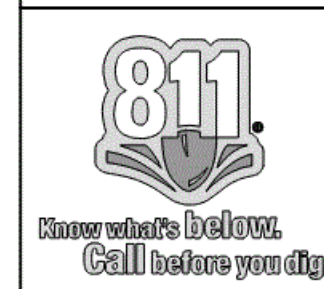
PERMEABLE PAVERS WITH STONE BED
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RIGHT-OF-WAY PERMIT NOTE:

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VOL. II SAVANNAH ARTS
ACADEMY ADDITION
500 WASHINGTON AVENUE
SAVANNAH, GA 31405
GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

CogdelMendralaArchitects
COGDELL & MENDRALA ARCHITECTS, PC
517 EAST CONGRESS STREET
SAVANNAH, GEORGIA 31401
tel 912.234.6318
fax 912.236.8414
cogdel@mendrala.com



PROJECT CONSULTANTS:
CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
40 JOE KENNEDY BLVD.
STATESBORO, GA 30458
STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
400 E. JOHNNY MERCER BOULEVARD
SAVANNAH, GA 31410
MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

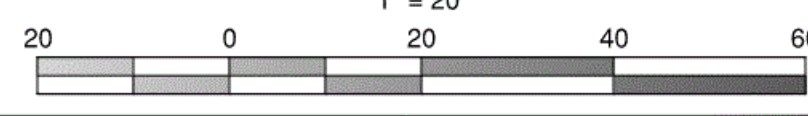
KEY PLAN:

SHEET TITLE:
GRADING
PLAN - B

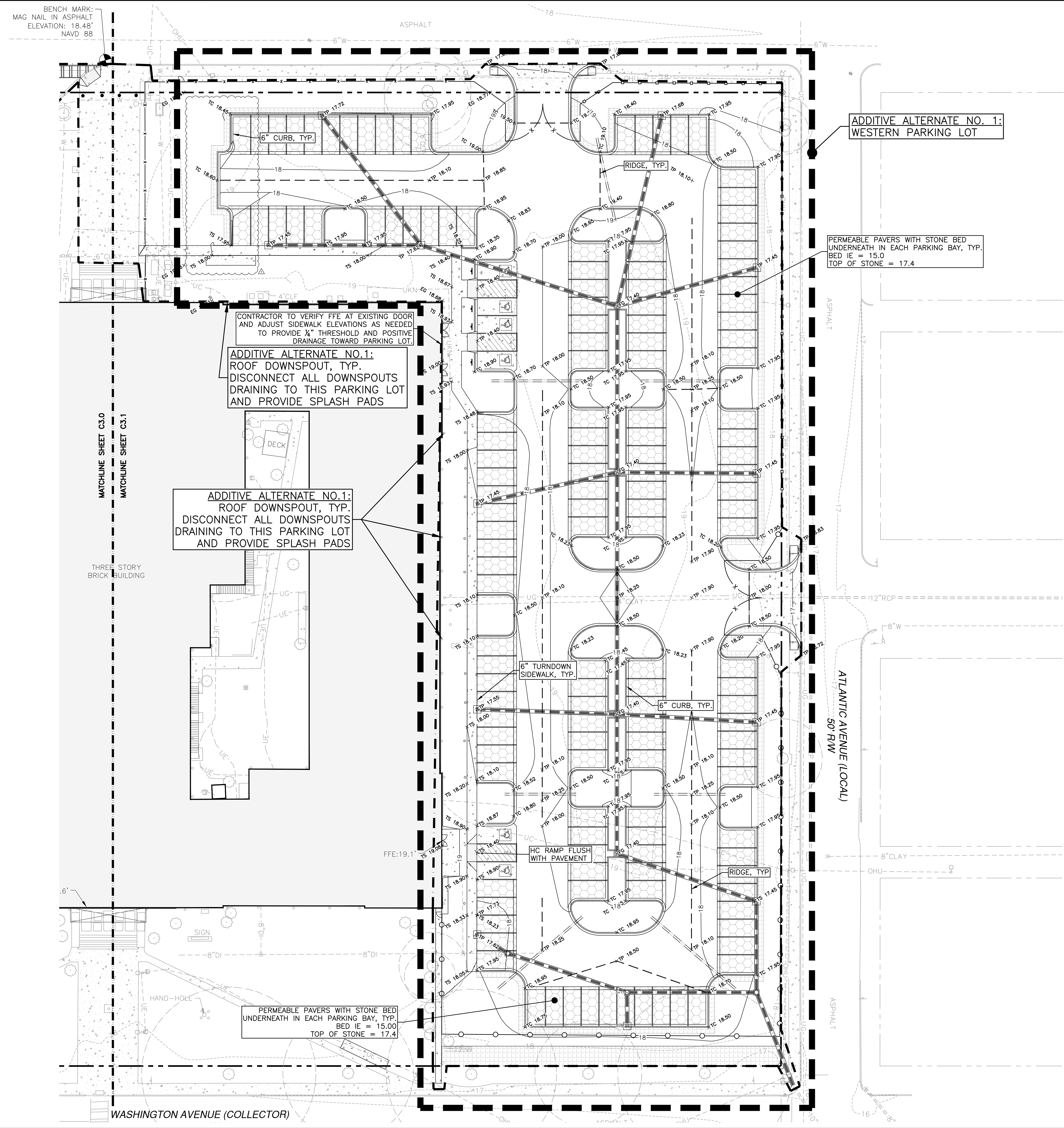
REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT DATE: 1916
DATE: FEB 2022
DRAWN BY: JWM
SCALE: AS SHOWN
SHEET:

HORIZONTAL SCALE
1" = 20'



Z:\MAXWELL-REDDICK & ASSOCIATES\JOBS\2020\2020-018 COGDELL & MENDRALA - SAVANNAH ARTS ACADEMY\ENGINEERING\DESIGN\DRAWINGS\SAV-ARTS_GRADING.DWG



PAVING AND GRADING NOTES:

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- THE PROPOSED ELEVATIONS ALONG THE EXISTING EDGE OF PAVEMENTS (CONCRETE PAVERS, CONCRETE RAMPS, ASPHALT & CONCRETE PAVEMENTS) ARE ESTIMATED, AND ACTUAL EDGE OF PAVEMENT ELEVATIONS SHALL SUPERSEDE.
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- THE MAXIMUM GRADE WITHIN THE PROPOSED HANDICAP SPACES AND ACCESS SPACES IS 2%.
- ALL CROSS SLOPES ON THE PROPOSED SIDEWALKS SHALL BE 2% OR LESS UNLESS OTHERWISE NOTED.
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MAXWELL-REDDICK & ASSOCIATES JOB NO. 2020-018

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8" CLAY

8" W

12" RCP

ATLANTIC AVENUE (LOCAL) 50' R/W

ASPHALT

ASPHALT

ASPHALT

ASPHALT

ASPHALT

ASPHALT

ASPHALT

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SEAL:



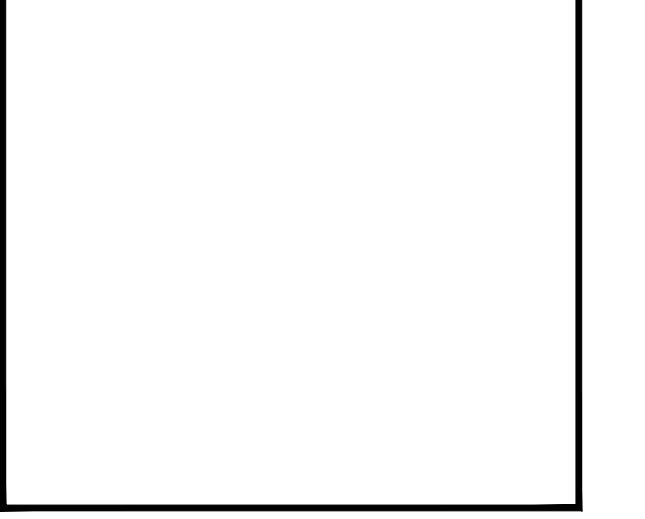
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KEY PLAN:



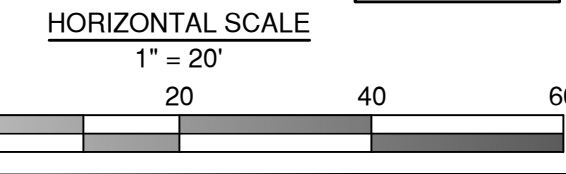
SHEET TITLE:

GRADING PLAN - B

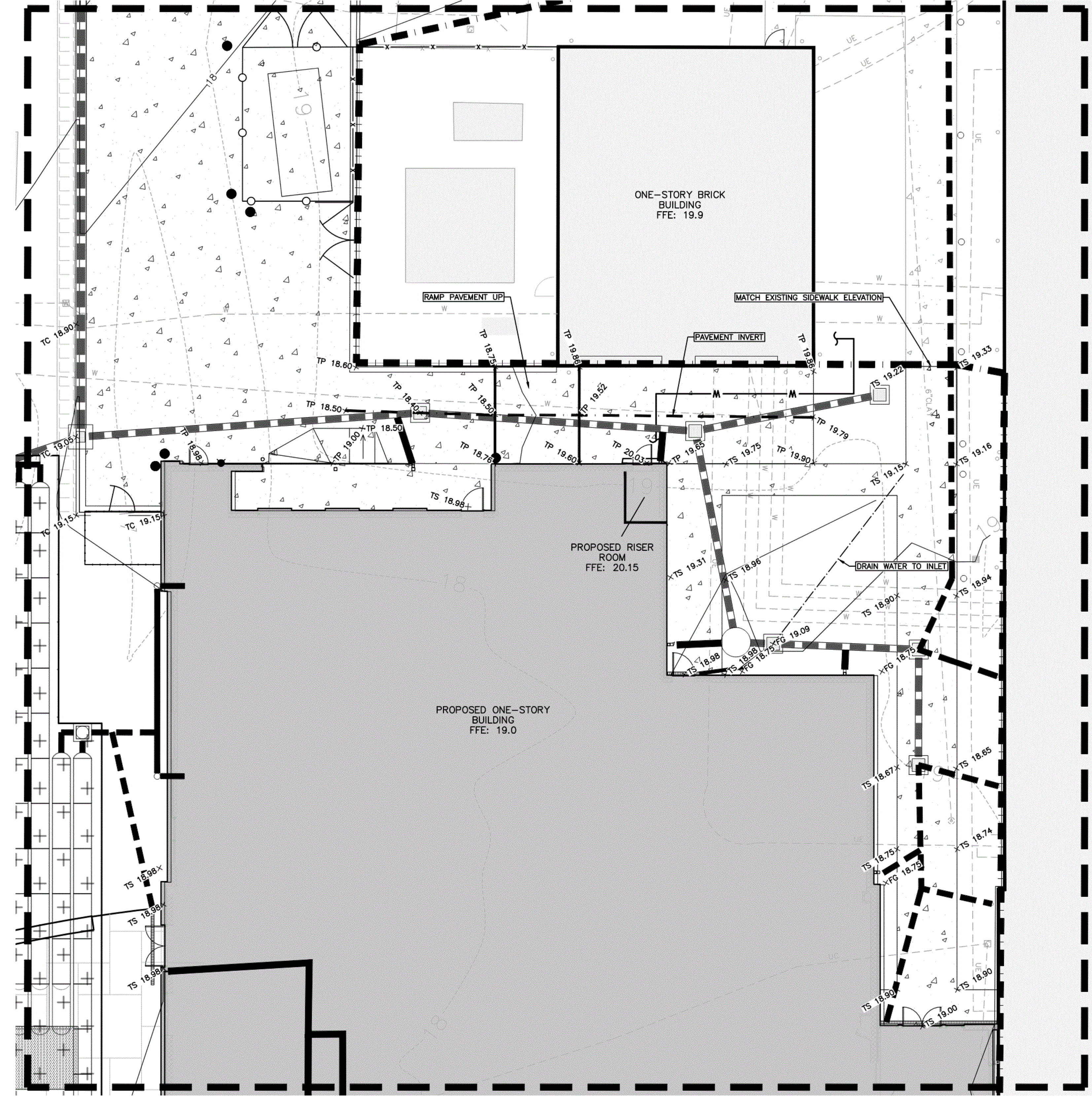
REVISION SCHEDULE

DATE	DESCRIPTION
03/11/22	ADDENDUM #1

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JVM
SCALE: AS SHOWN
SHEET: C4.1



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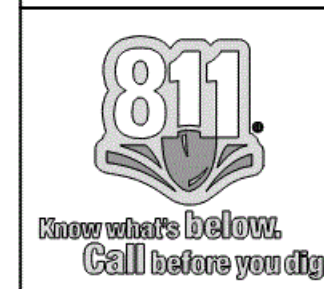
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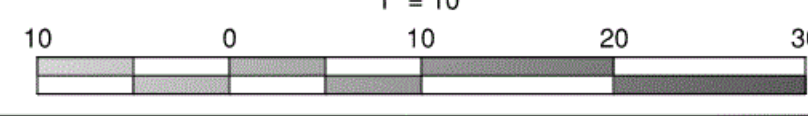
MAXWELL-REDDICK & ASSOCIATES JOB NO. 2020-018

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HORIZONTAL SCALE
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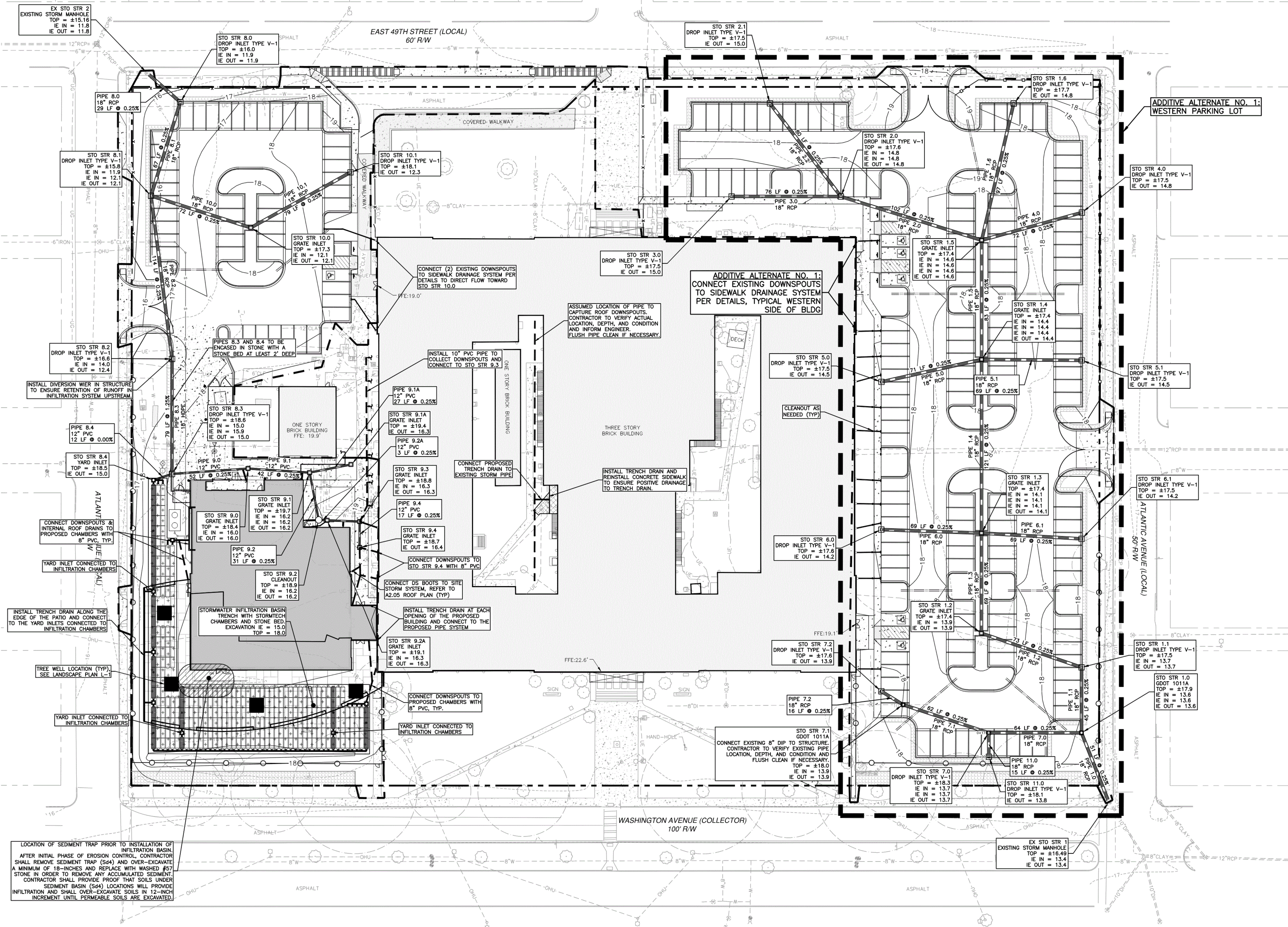
KEY PLAN:

SHEET TITLE:
**GRADING
 DETAIL**

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
 DATE: FEB 2022
 DRAWN BY: JWM
 SCALE: AS SHOWN
 SHEET: **C4.2**

Z:\MAXWELL-REDDICK & ASSOCIATES\JOBS\2020\2020-018 COGDELL & MENDRALA - SAVANNAH ARTS ACADEMY\ENGINEERING\DESIGN\DRAWINGS\SAV-ARTS_MAIN.DWG



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 - THE CONTRACTOR SHALL READ AND FOLLOW THE RECOMMENDATIONS PROVIDED IN THE REPORT (IF AVAILABLE).
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ADEQUATE COMPACTION TESTS WITHIN THE STORM DRAIN TRENCHES PER THE SPECIFICATIONS. COMPACTION TESTING SHALL BE PROVIDED BY THE OWNER.
 - ANY UNSUITABLE MATERIAL ENCOUNTERED SHALL BE REMOVED FROM THE PIPE TRENCHES AND REPLACED WITH SUITABLE FILL MATERIAL. BACKFILL AND COMPACTION SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS.
 - ALL PROPOSED STORM PIPE JOINTS SHALL BE WRAPPED WITH FILTER FABRIC WITH A MINIMUM OF 50% OVERLAP.
 - THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE NECESSARY SIZE STORM BOX TO ACCEPT THE PROPOSED STORM PIPES.
 - THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING THE PROPOSED STORM INLETS TO THE GRADES SHOWN ON THESE PLANS.
 - EACH STORM INLET SHALL HAVE A MINIMUM OF 10' OF SLOPE DRAIN EXTENDED FROM THE INLET IN TWO DIRECTIONS. COORDINATE INSTALLATION WITH THE ENGINEER.
 - THE CONTRACTOR SHALL CLEAN OUT ALL PROPOSED STORM PIPES UPON THE COMPLETION OF CONSTRUCTION FOR PROTECTING THE NECESSARY SIZE STORM BOX TO ACCEPT THE PROPOSED STORM PIPES.
 - IN CONJUNCTION WITH THE INSTALLATION OF EACH STORM INLET AND SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF SAID INLET PROTECTION THROUGHOUT THE PROJECT CONSTRUCTION PHASE.
 - STORM STRUCTURES SHALL BE CONSTRUCTED TO GDOT STANDARDS BUT NEED NOT BE GDOT STAMPED.
 - STORM STRUCTURE GRATES, LIDS, ETC. SHALL BE SET TO CONFORM TO SURROUNDING GRADES (I.E. ON GRADE) AND NOT SET LEVEL UNLESS SURROUNDING GRADES ARE LEVEL.
 - ALL STORM INLET GRATES LOCATED IN PEDESTRIAN AREAS SHALL HAVE ADA RATED GRATES.
 - ALL STORM PIPING SHALL BE CLASS III RCP (UNO), SDR 26 GASKETED PVC (UNO), OR HDPE N-12 WITH WATER TIGHT JOINTS AS NOTED ON THE PLANS.

CHLORINATED DISINFECTED WATER NOTE:
CHLORINATED DISINFECTED WATER SHALL NOT BE DISCHARGED INTO THE STORMWATER SYSTEM.

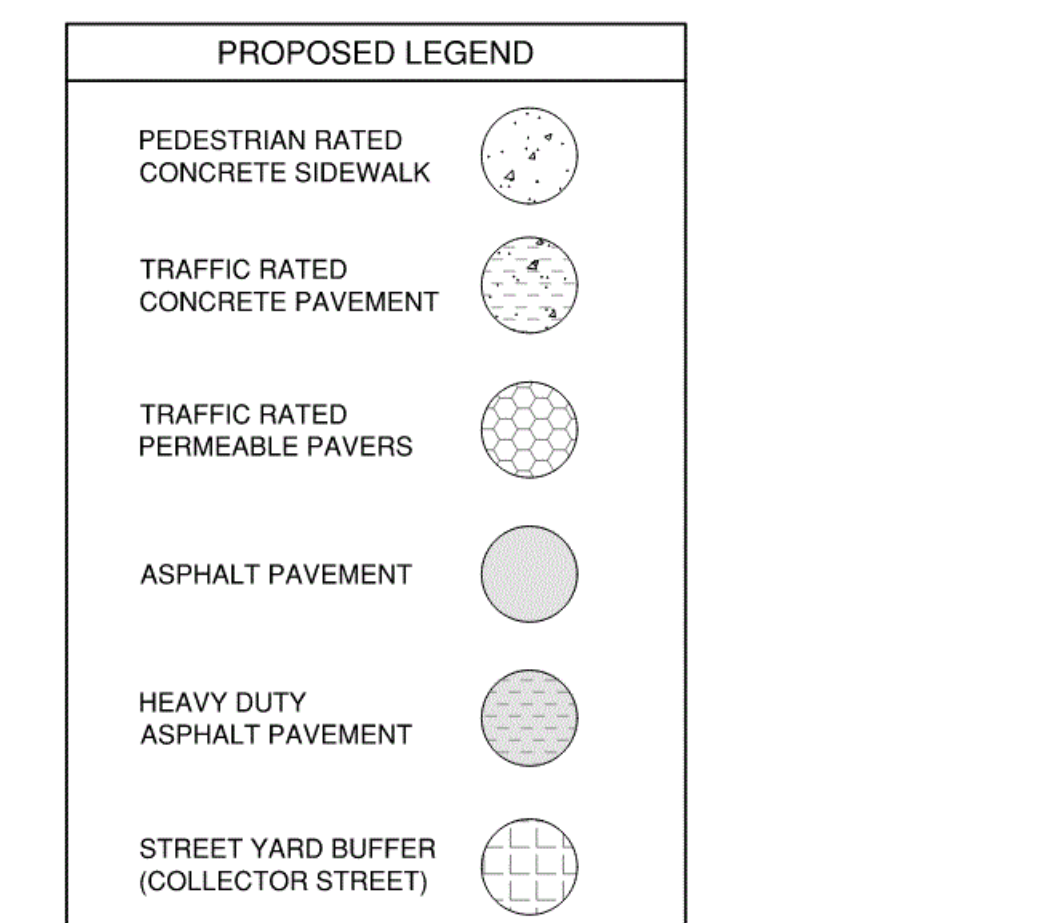
STORMWATER FACILITY CITY INSPECTION NOTE:
CITY OF SAVANNAH RESERVES THE RIGHT TO ALWAYS ACCESS THE PROPERTY TO INSPECT STORMWATER FACILITIES.

STORMWATER FACILITY VIDEOTAPING NOTE:
CITY OF SAVANNAH REQUIRES COMPLIANCE WITH VIDEOTAPING PROCEDURES FOR STORMWATER FACILITIES AS PRESCRIBED IN THE CITY'S DOCUMENT TITLED "NEW CONSTRUCTION TELEVISION PROCEDURES MANUAL" AS PREPARED BY THE WATER AND SEWER DEPARTMENT.

SITE DRAINAGE SYSTEM INSTALLATION NOTE:

- SITE DRAINAGE SYSTEM CONSISTS OF SURFACE GRADING AND INSTALLATION OF UNDERGROUND STORM WATER NETWORK AND SUBSURFACE DRAIN TILE.
- SITE DRAINAGE SYSTEM SHALL BE INSTALLED AS SITE GRADING PROGRESSES IN ORDER TO CONTINUOUSLY EFFECTIVELY DRAIN THE SITE TO PREVENT PONDING OF SURFACE WATER OR SATURATION OF SOIL SUBGRADES.

STORMWATER UTILITIES MAINTENANCE NOTE:
ALL STORMWATER PIPES AND STRUCTURES ARE PRIVATELY MAINTAINED.



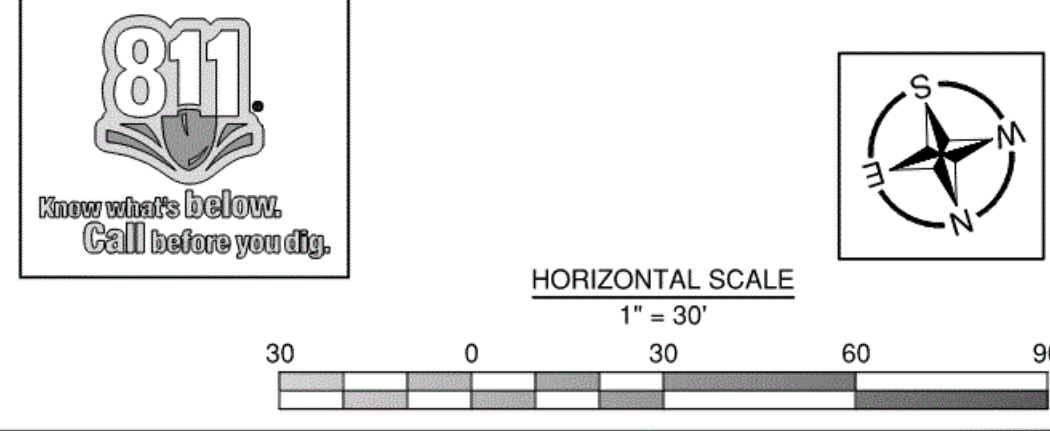
ADDITIVE ALTERNATE NO. 1:
CONNECT EXISTING DOWNSPOUTS TO SIDEWALK DRAINAGE SYSTEM PER DETAILS, TYPICAL WESTERN SIDE OF BLDG.

ADDITIVE ALTERNATE NO. 1:
WESTERN PARKING LOT

NOTE TO BIDDERS:

- BASE BID FOR THE PARKING LOT ON THE WEST SIDE OF THE PROPERTY SHALL INCLUDE ONLY THE REPLACEMENT OF THE ROOF DRAINAGE PIPE (INCLUDING DOWNSPOUT CONNECTION) AND ENSURING UNOBSTRUCTED FLOW TO THE CITY MAINTAINED STORM DRAINAGE LINES IN THE PUBLIC RIGHT-OF-WAY. REPLACEMENT DRAINAGE PIPE SHALL BE SDR 26 PVC GASKETED PIPE WITH GASKETED FITTINGS INSTALLED AT A MINIMUM 0.5% GRADE TOWARDS THE OUTLET.
- ADDITIVE ALTERNATE NO. 1 BID SHALL INCLUDE ALL IMPROVEMENTS SHOWN ON THIS SHEET.

RIGHT-OF-WAY PERMIT NOTE:
A RIGHT OF WAY PERMIT SHALL BE OBTAINED PRIOR TO PERFORMING CONSTRUCTION ACTIVITIES IN THE CITY'S R.O.W.



VOL. II SAVANNAH ARTS ACADEMY ADDITION
500 WASHINGTON AVENUE
SAVANNAH, GA 31405
GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FT: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

CogdellMendralaArchitects
COGDELL & MENDRALA ARCHITECTS, PC
517 EAST CONGRESS STREET
SAVANNAH, GEORGIA 31401
tel 912.236.6318
fax 912.236.8414
cogdellmendrala.com



PROJECT CONSULTANTS:
CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
40 JOE KENNEDY BLVD.
STATESBORO, GA 30458

STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
400 E. JOHNNY MERCER BOULEVARD
SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

KEY PLAN:

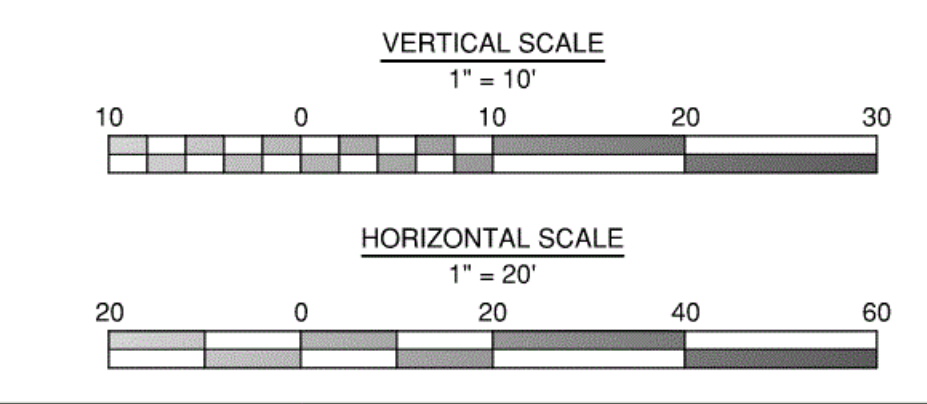
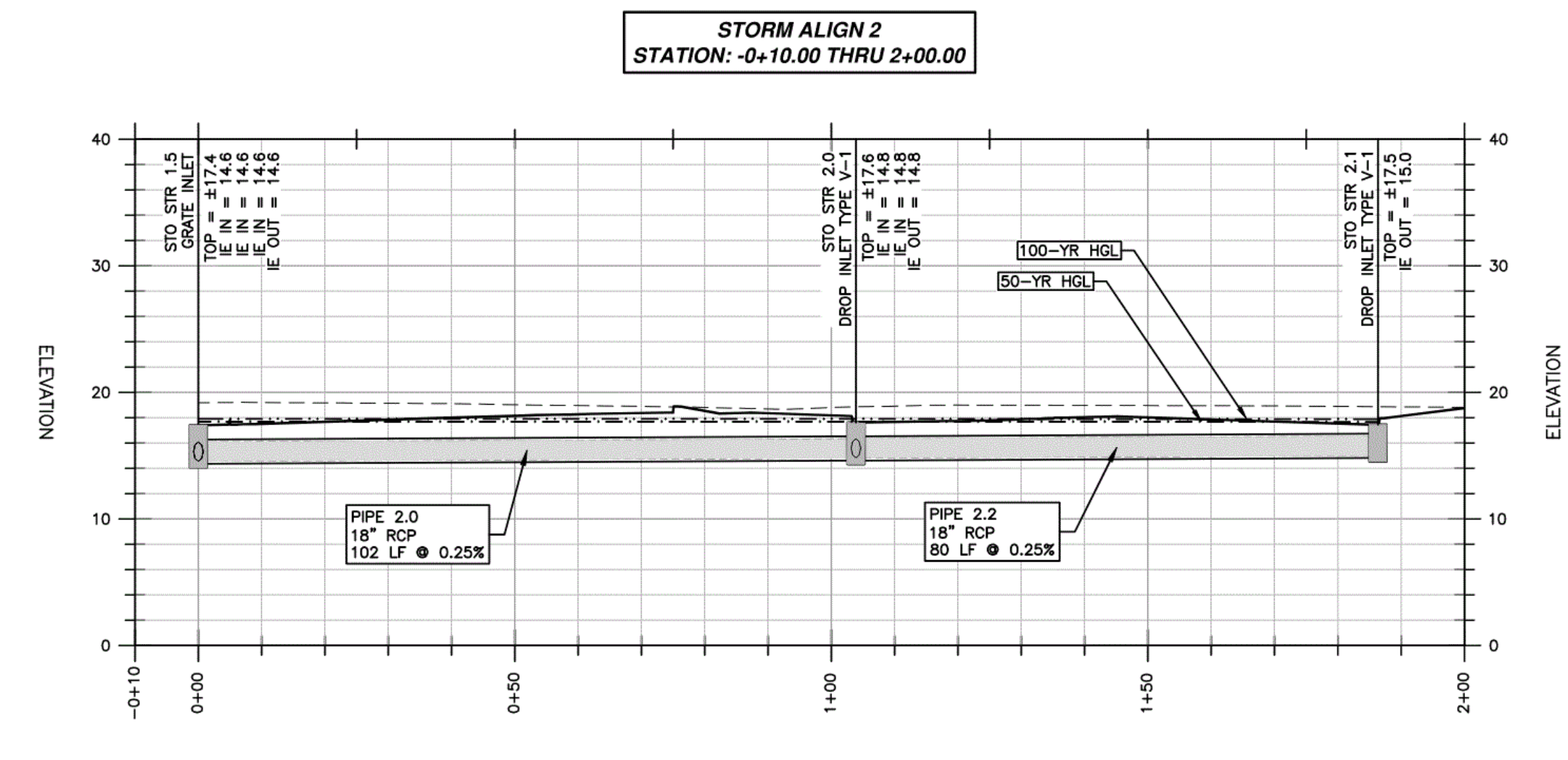
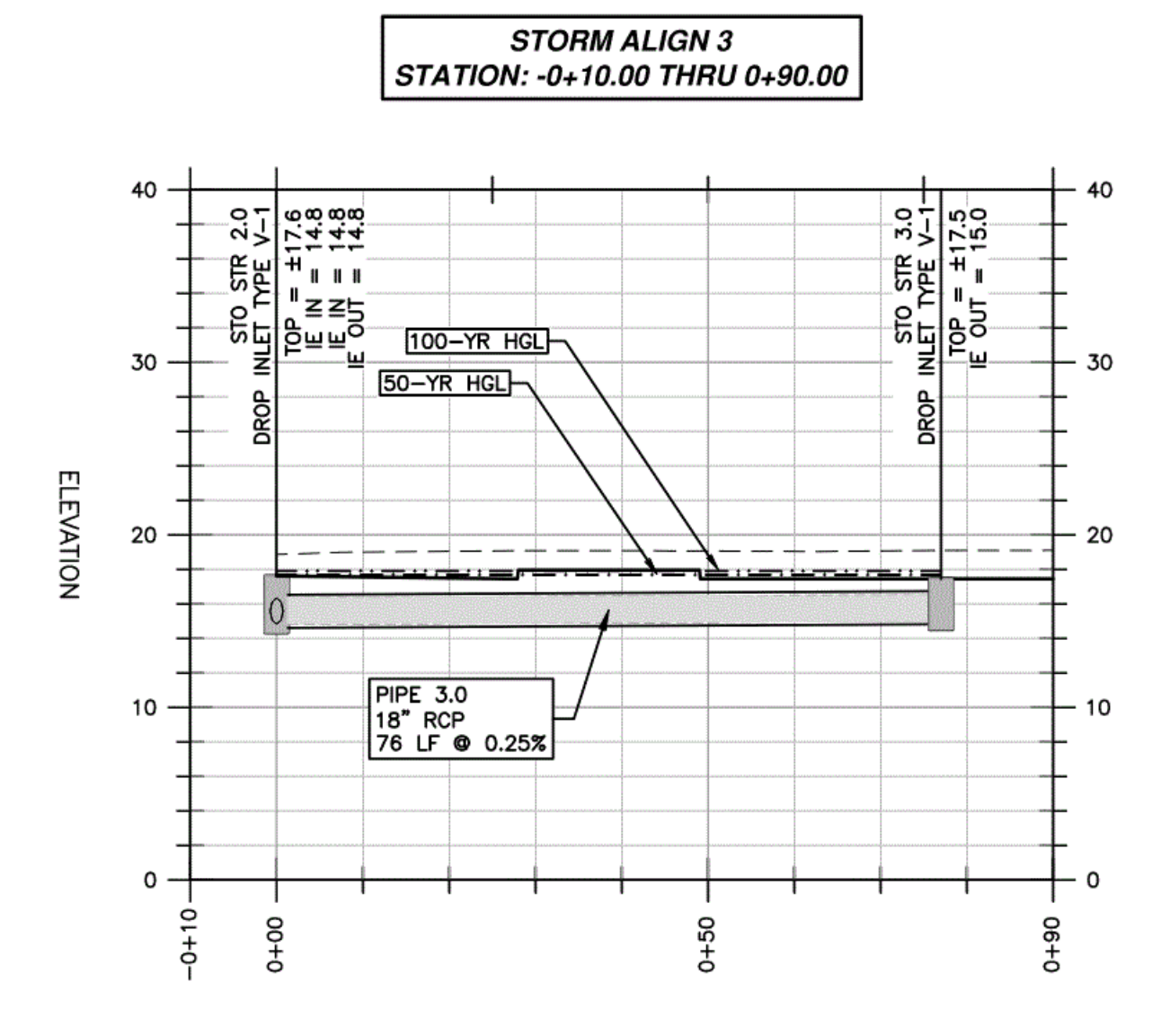
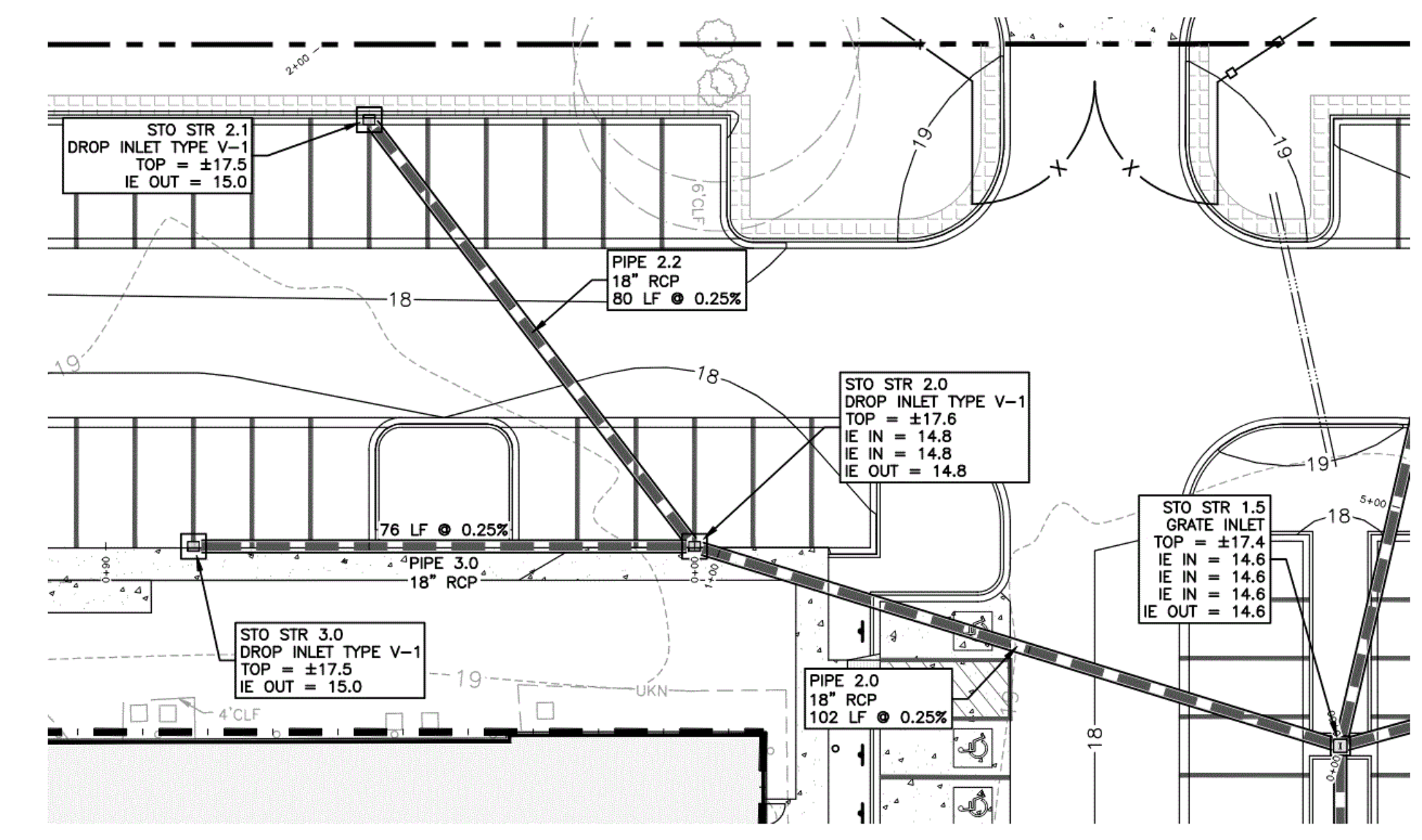
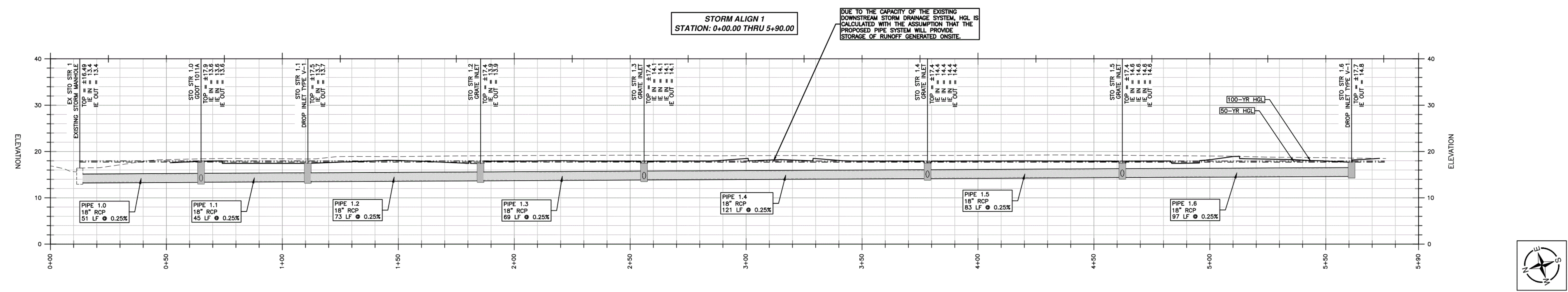
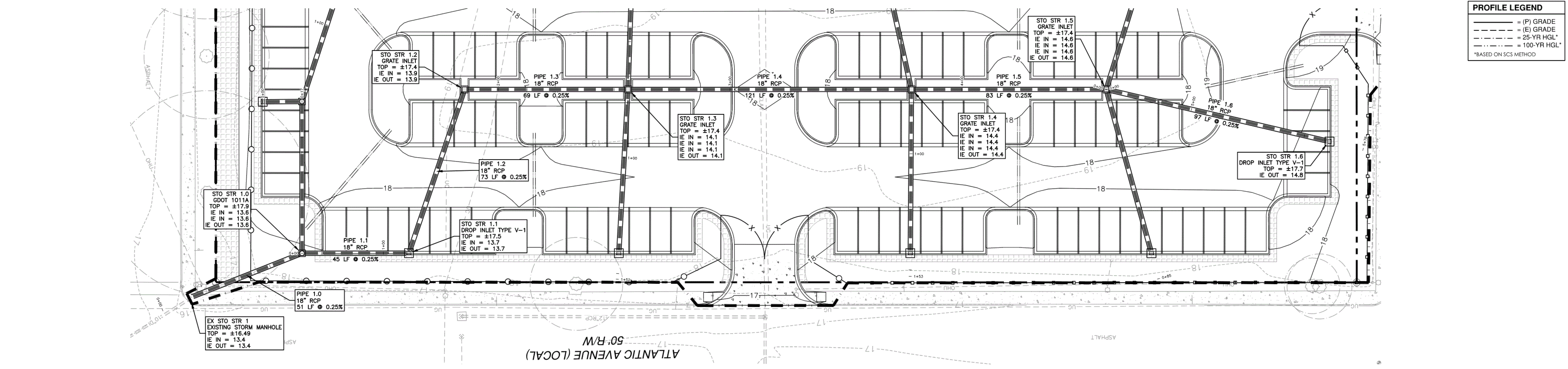
SHEET TITLE:
STORM DRAINAGE PLAN

REVISION SCHEDULE

DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JVM
SCALE: AS SHOWN
SHEET: C5.0

Z:\MAXWELL-REDDICK & ASSOCIATES JOBS\2020\2020-018 COGDELL & MENDRALA - SAVANNAH ARTS ACADEMY\ENGINEERING\DESIGN\DRAWINGS\SAV-ARTS_MAIN.DWG 10/26/2020 10:46:38 AM



MAXWELL-REDDICK & ASSOCIATES JOB NO. 2020-018

RIGHT-OF-WAY PERMIT NOTE:

A RIGHT OF WAY PERMIT SHALL BE OBTAINED PRIOR TO PERFORMING CONSTRUCTION ACTIVITIES IN THE CITY'S R.O.W.



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500 WASHINGTON AVENUE
SAVANNAH, GA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

CogdellMendralaArchitects
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SAVANNAH, GEORGIA 31401
tel 912.236.6318
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cogdellmendrala.com



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STATESBORO, GA 30458

STRUCTURAL ENGINEER
SAUSSY ENGINEERING
400 E. JOHNNY MERCER BOULEVARD
SAVANNAH, GA 31410

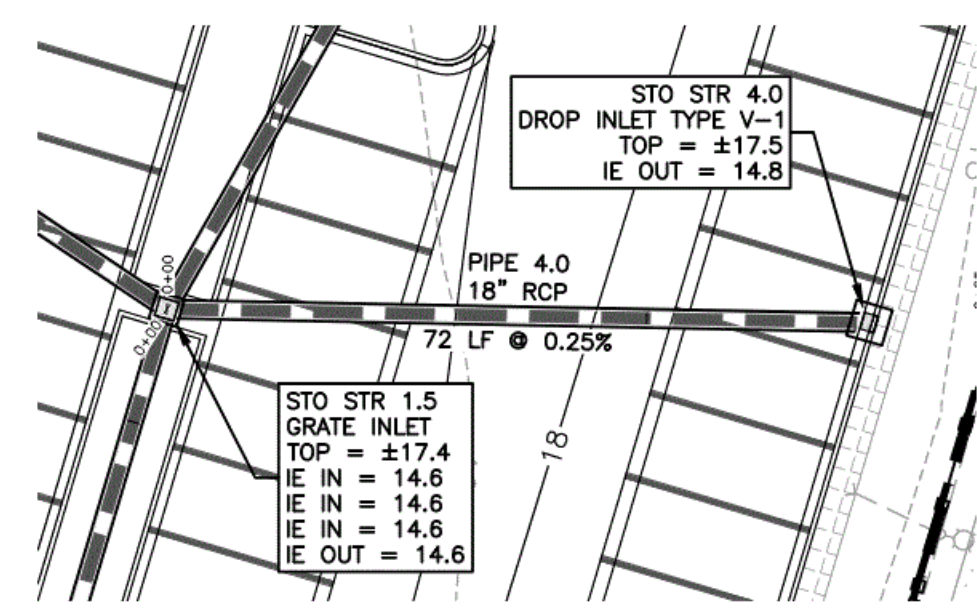
MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

KEY PLAN:

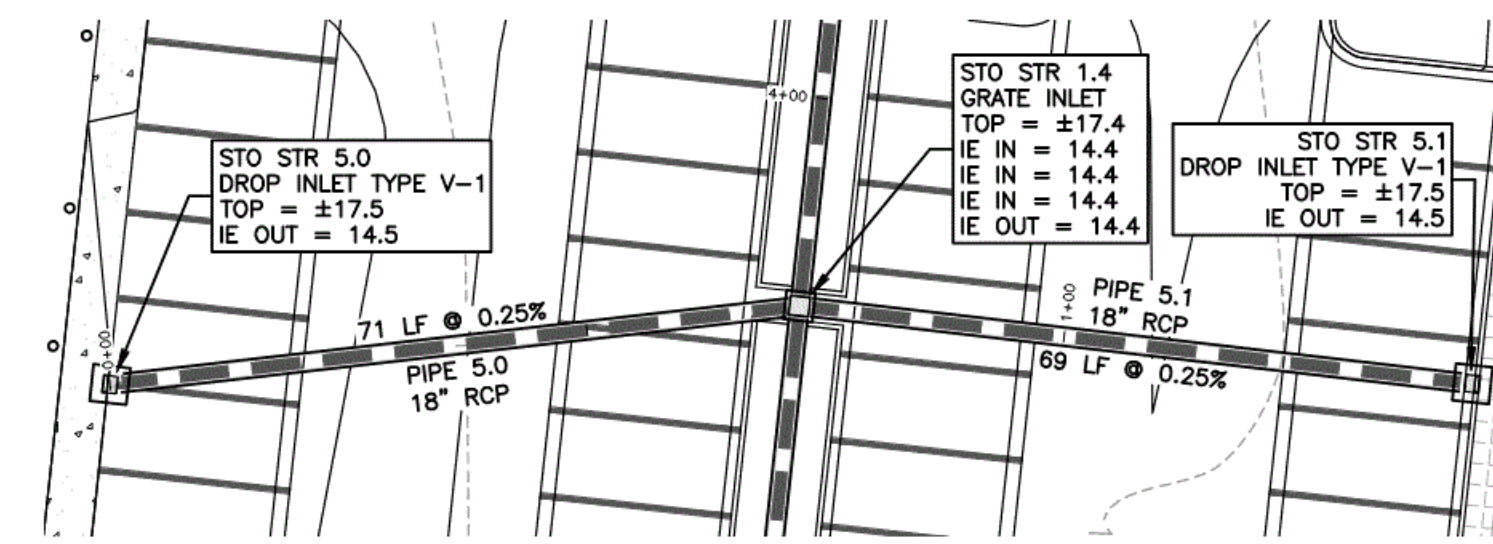
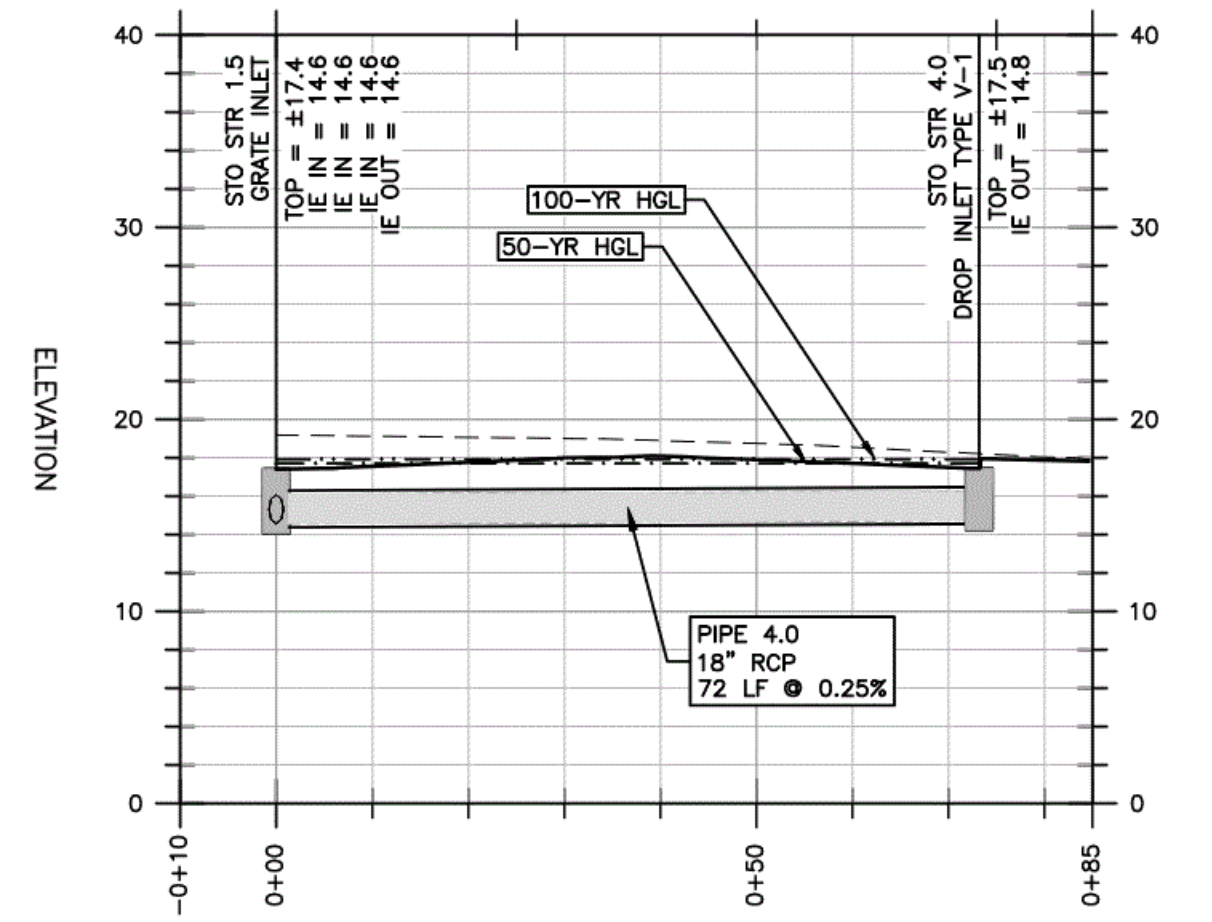
SHEET TITLE:
STORM DRAINAGE PLAN & PROFILE - 1

REVISION SCHEDULE	
DATE	DESCRIPTION

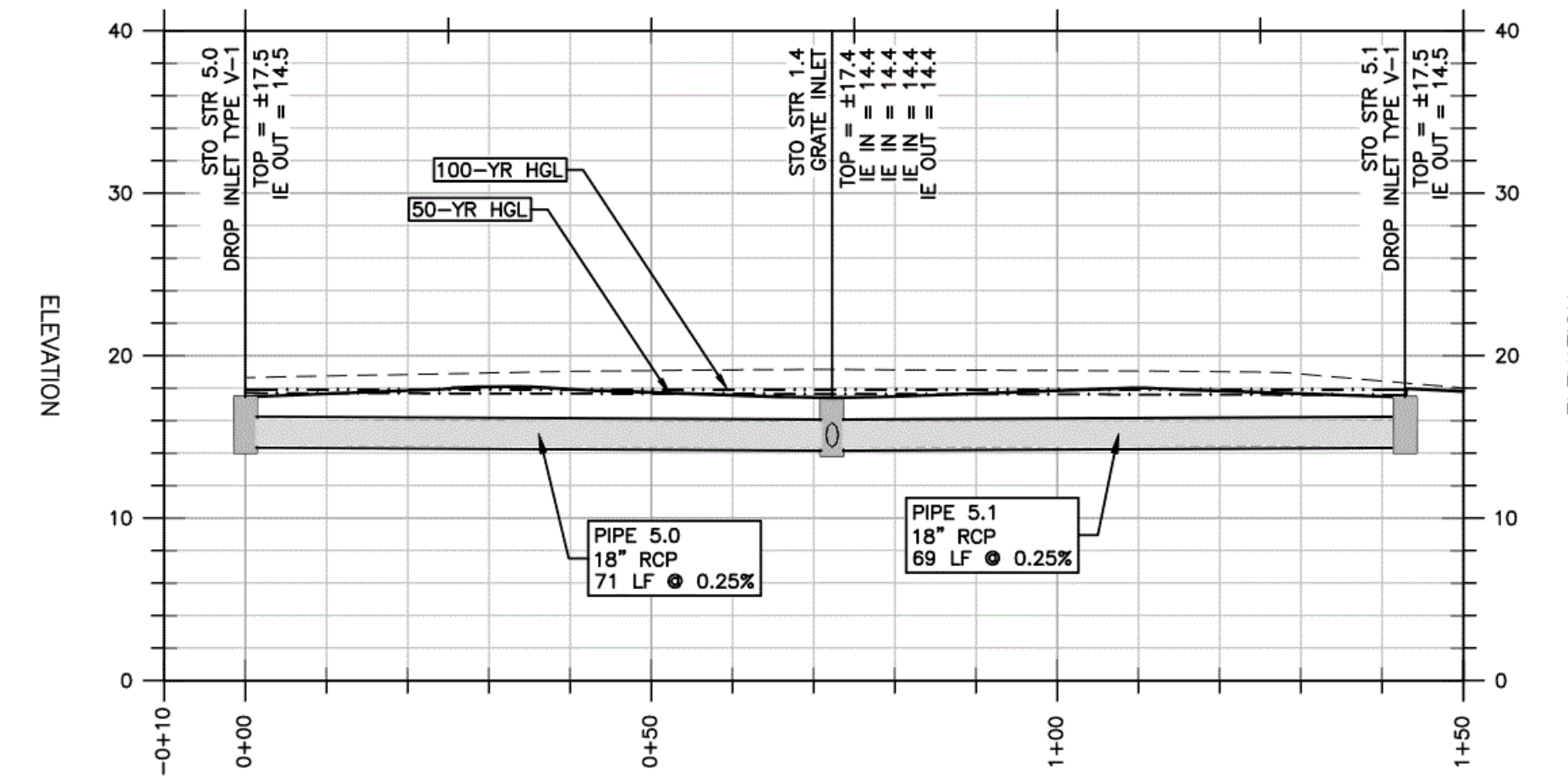
PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JVM
SCALE: AS SHOWN
SHEET: **C5.1**



STORM ALIGN 4
STATION: -0+10.00 THRU 0+85.00



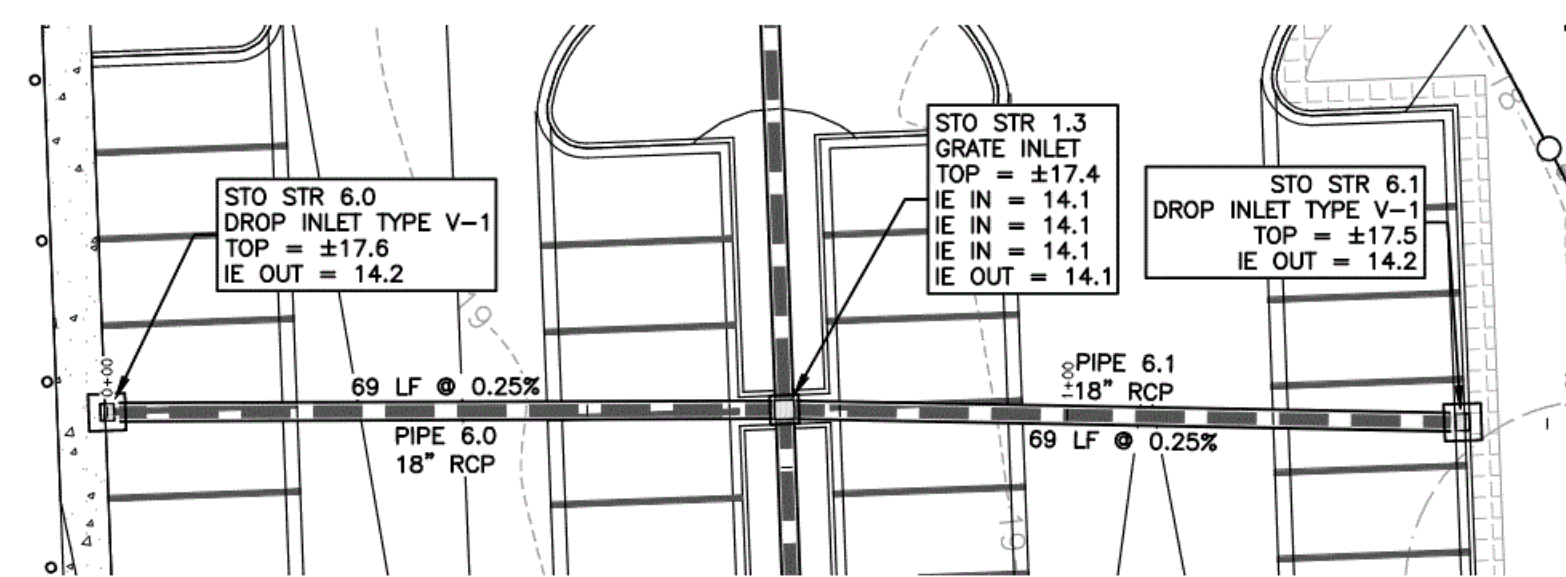
STORM ALIGN 5
STATION: -0+10.00 THRU 1+50.00



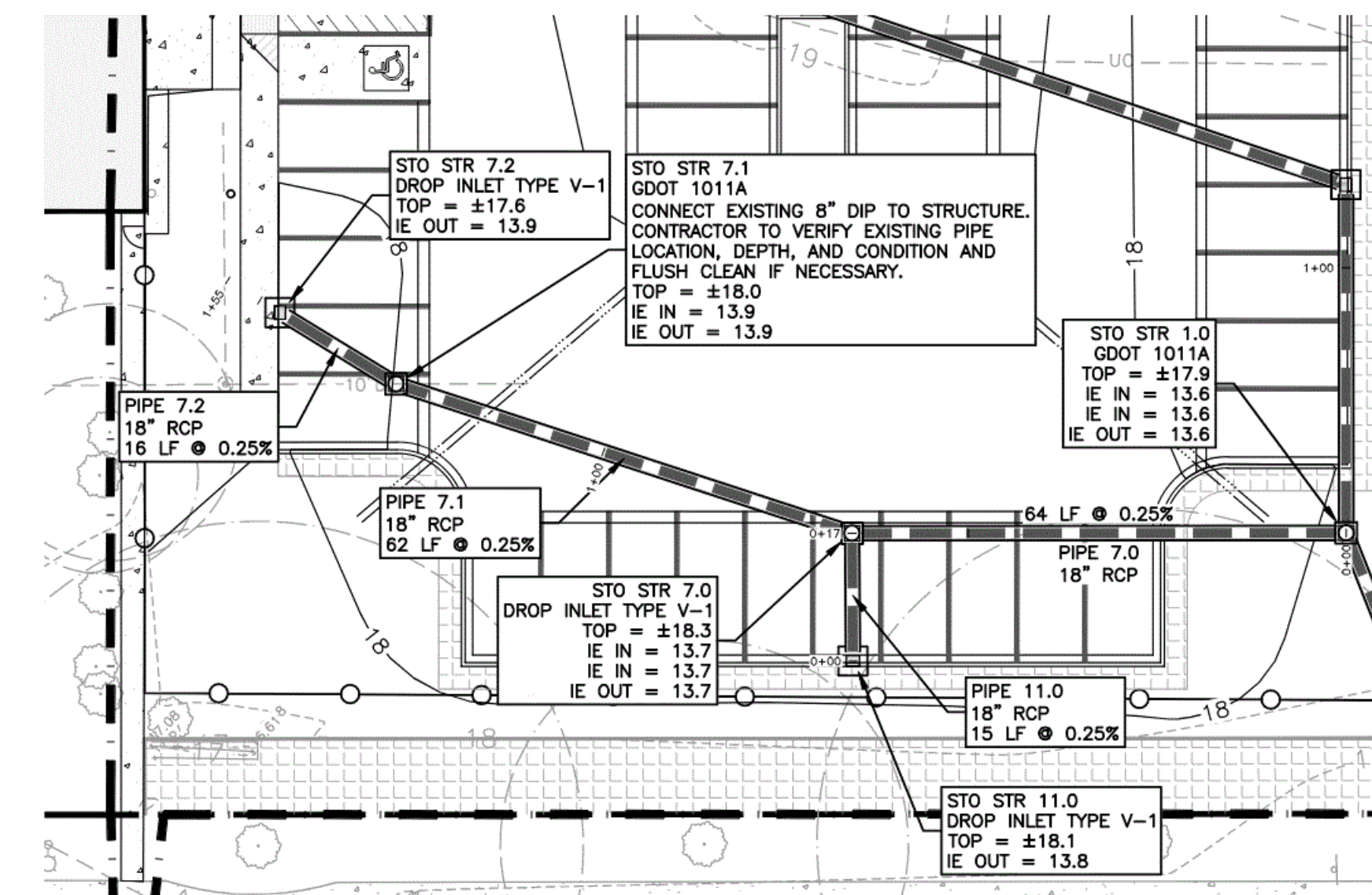
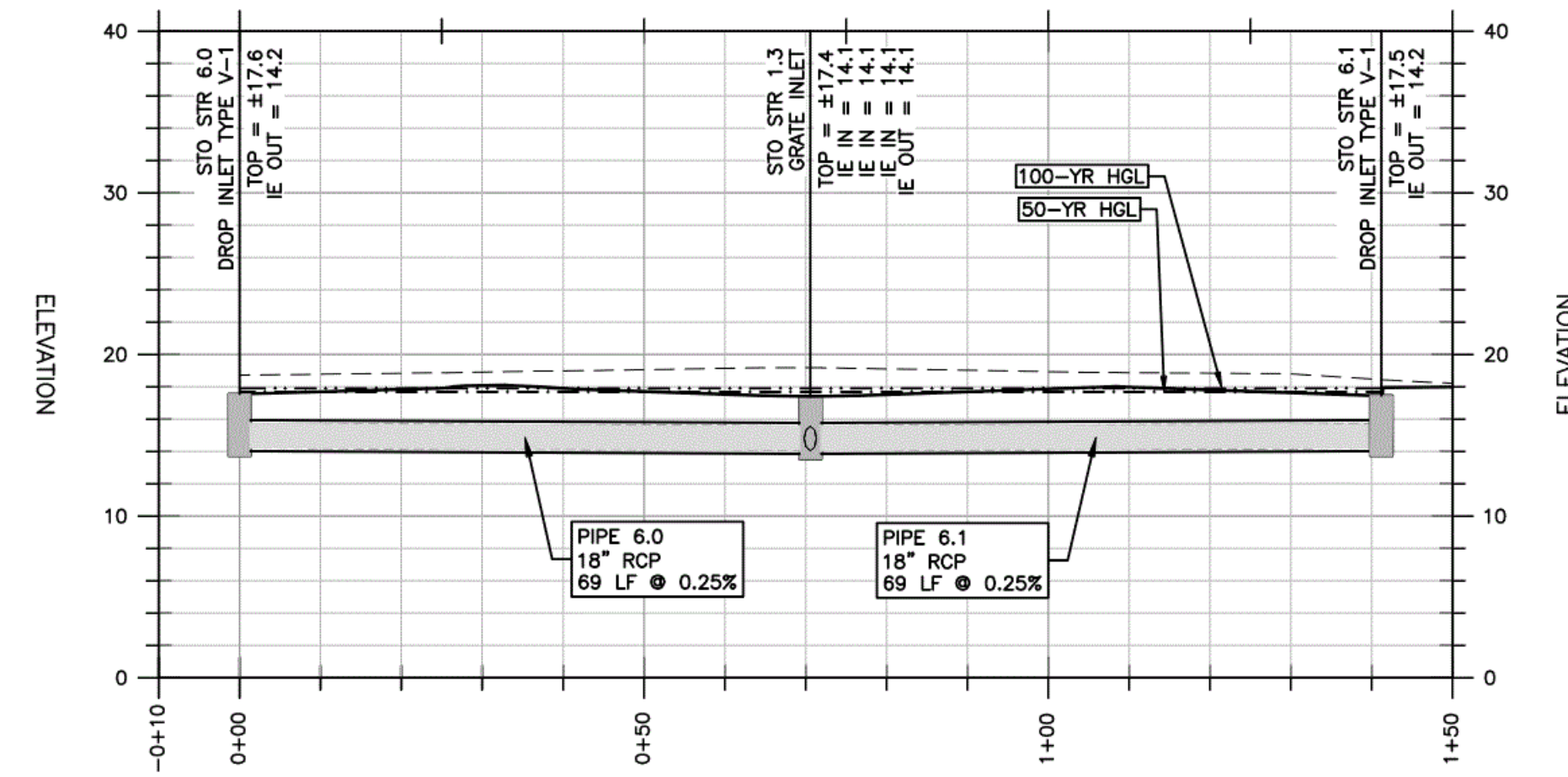
PROFILE LEGEND

- (P) GRADE
- (E) GRADE
- 25-YR HGL
- 100-YR HGL

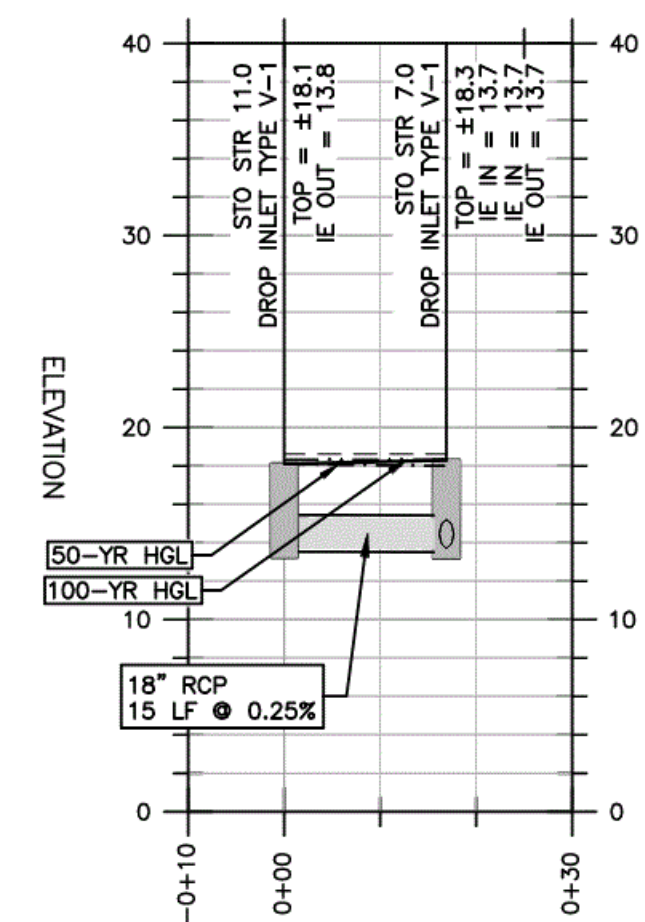
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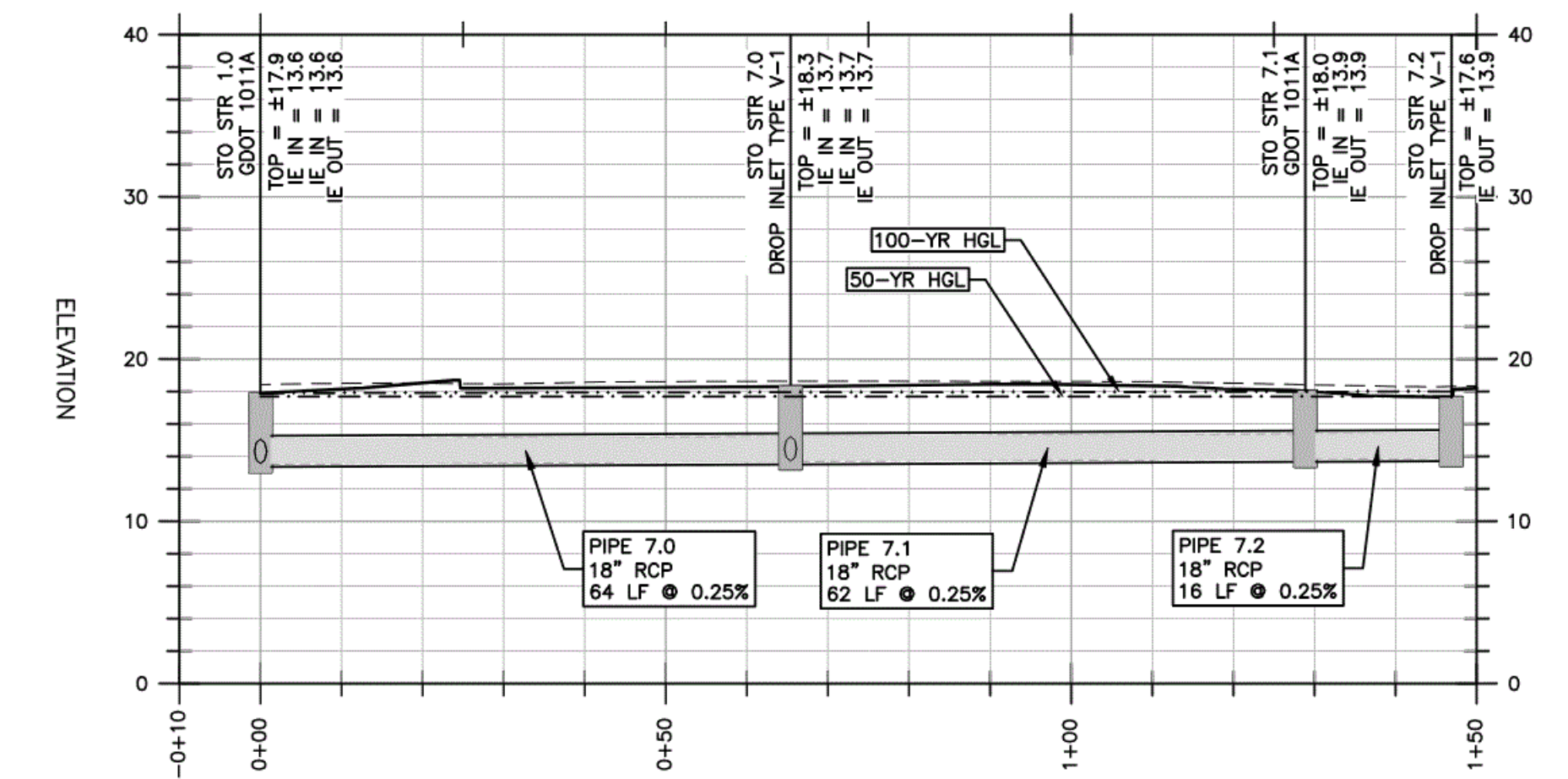
STORM ALIGN 6
STATION: -0+10.00 THRU 1+50.00



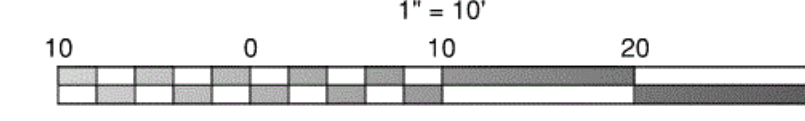
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STATION: -0+10.00 THRU 0+30.00



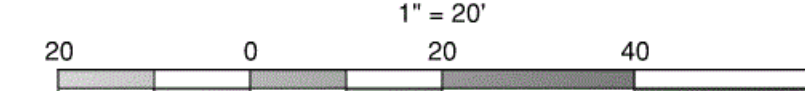
STORM ALIGN 7
STATION: -0+10.00 THRU 1+50.00



VERTICAL SCALE
1" = 10'



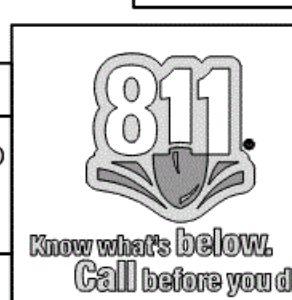
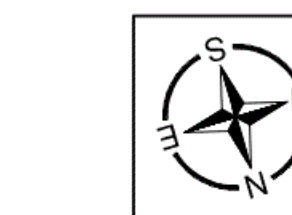
HORIZONTAL SCALE
1" = 20'



RIGHT-OF-WAY PERMIT NOTE:

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MAXWELL-REDDICK & ASSOCIATES JOB NO. 2020-018



VOL. II SAVANNAH ARTS ACADEMY ADDITION
500 WASHINGTON AVENUE
SAVANNAH, GA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

CogdelMendralaArchitects

COGDELL & MENDRALA ARCHITECTS, PC
517 EAST CONGRESS STREET
SAVANNAH, GEORGIA 31401
tel 912.236.6318
fax 912.236.8414
cogdel@mendrala.com

SEAL:



PROJECT CONSULTANTS:

CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
40 JOE KENNEDY BLVD.
STATESBORO, GA 30458

STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
400 E. JOHNNY MERCER BOULEVARD
SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

KEY PLAN:

SHEET TITLE:
STORM DRAINAGE PLAN & PROFILE - 2

REVISION SCHEDULE

DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JWM
SCALE: AS SHOWN

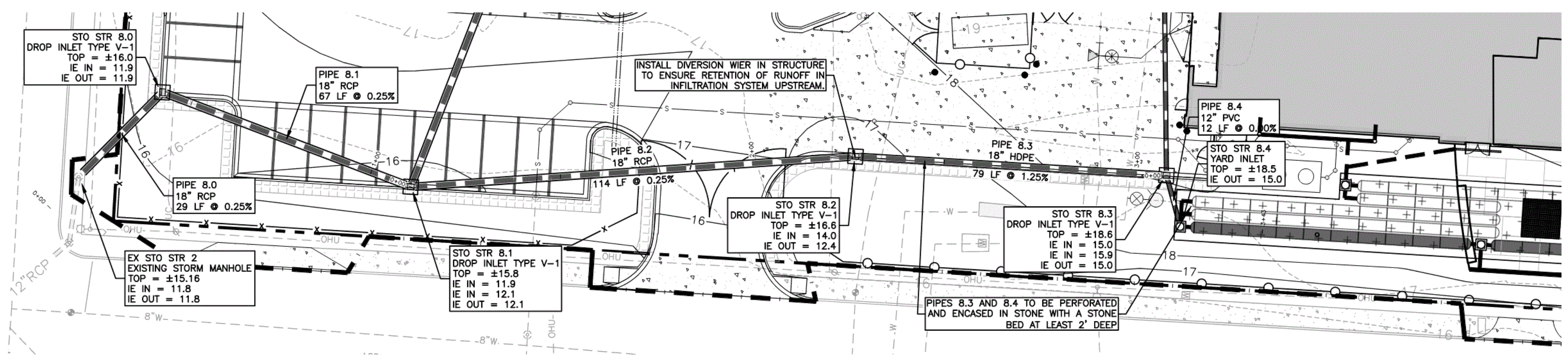
SHEET: **C5.2**

Z:\MAXWELL-REDDICK & ASSOCIATES JOBS\2020\2020-018 COGDELL & MENDRALA - SAVANNAH ARTS ACADEMY\ENGINEERING\DESIGN\DRAWINGS\SAV-ARTS_MAIN.DWG

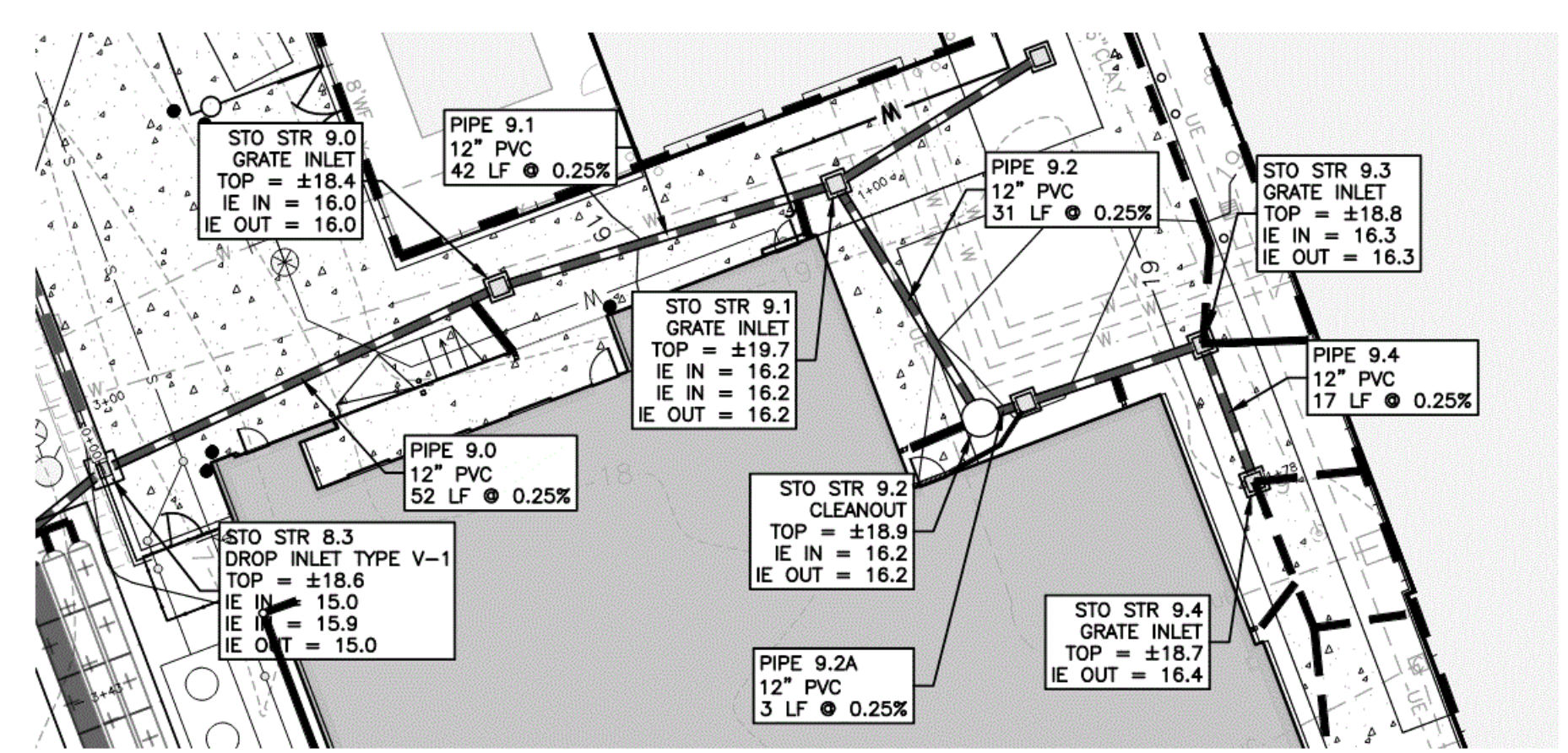
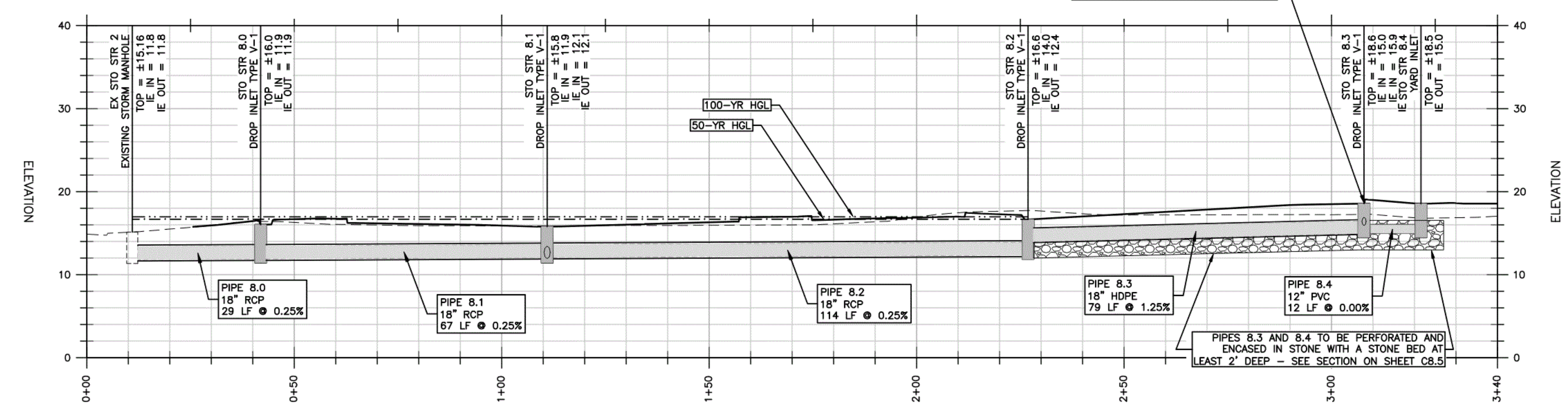
10/26/2020 10:46:38 AM

PROFILE LEGEND

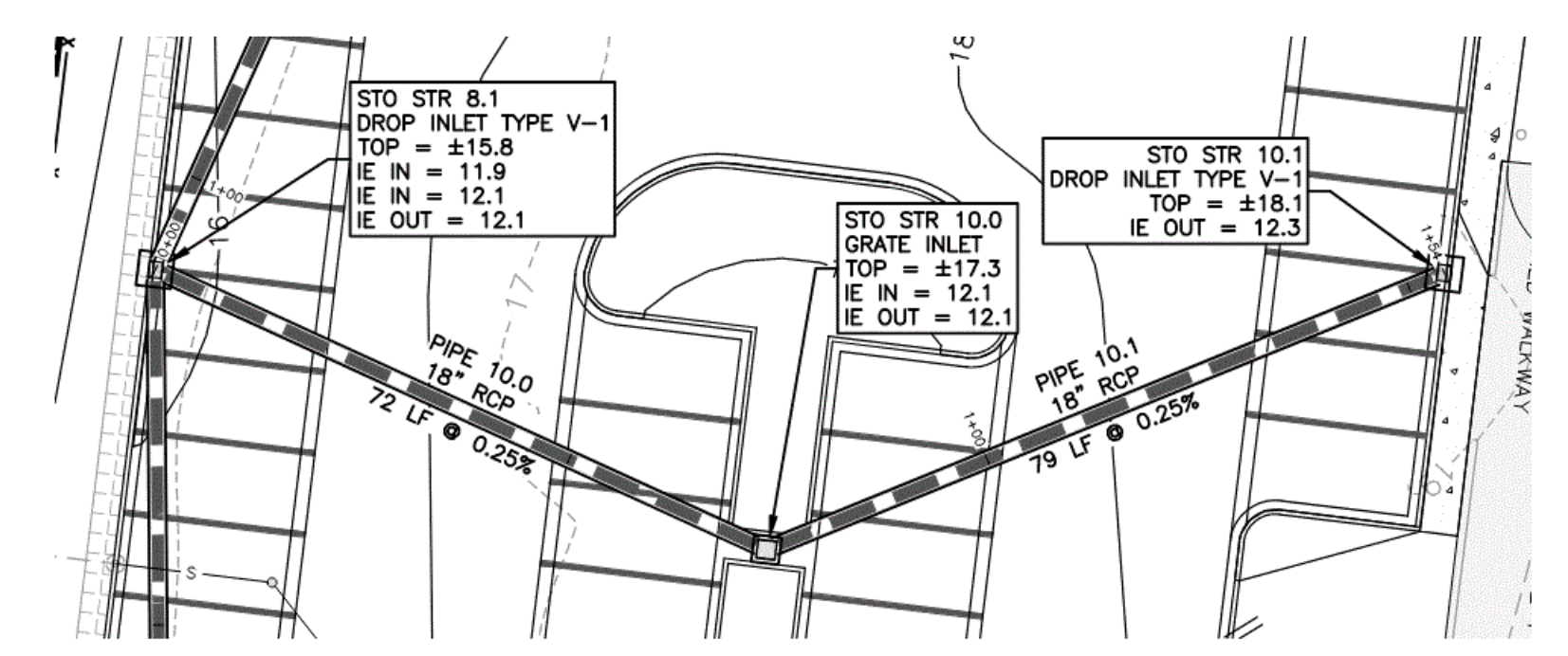
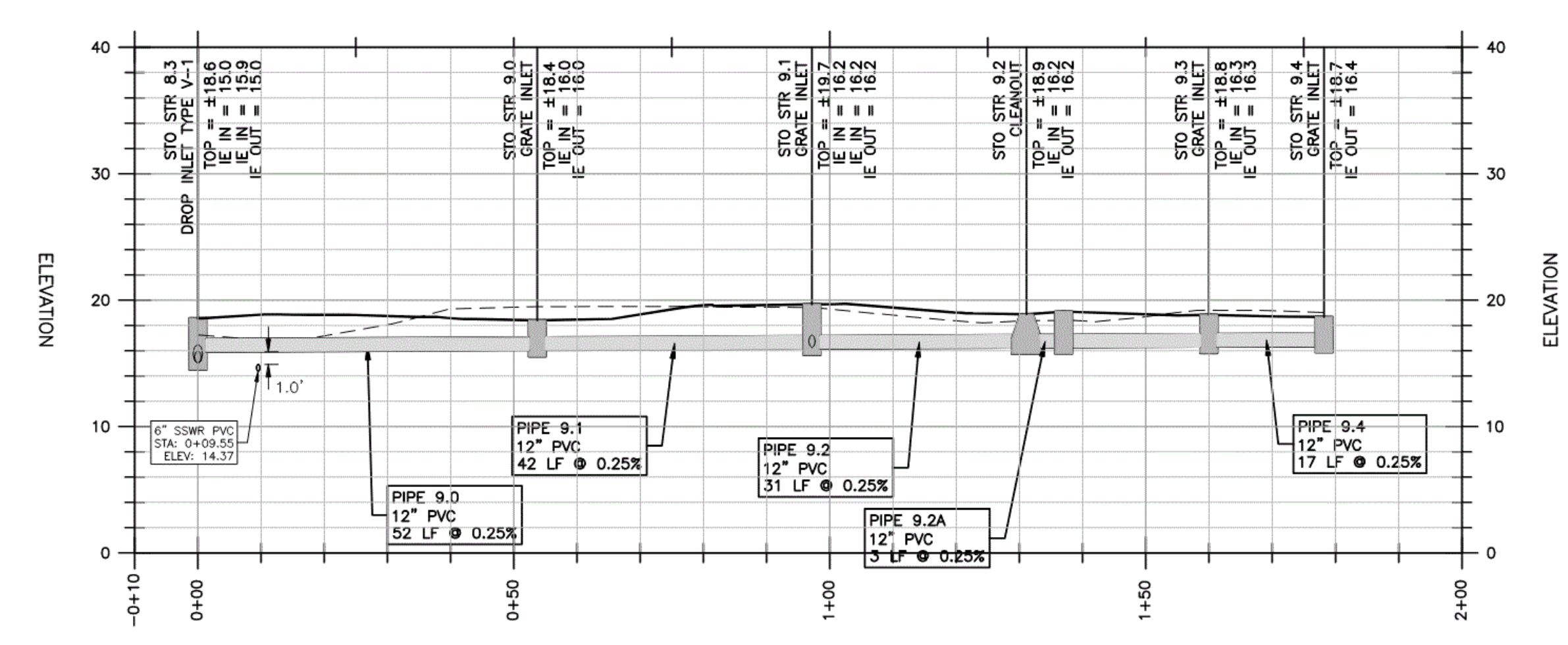
- (P) GRADE
- (E) GRADE
- 25-YR HGL
- 100-YR HGL
- *BASED ON SCS METHOD



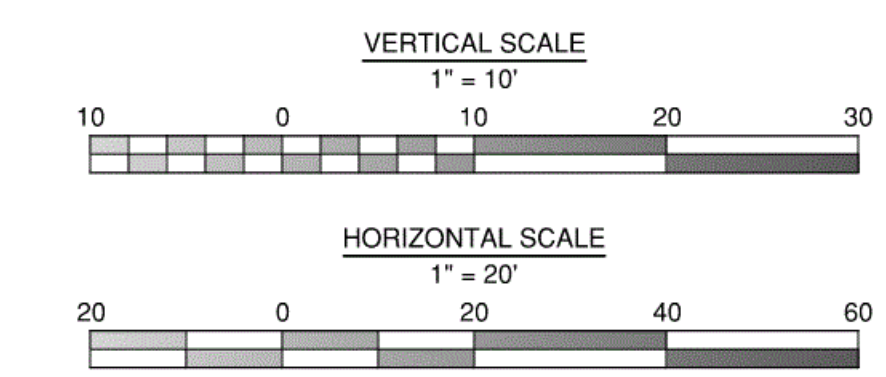
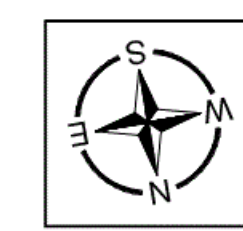
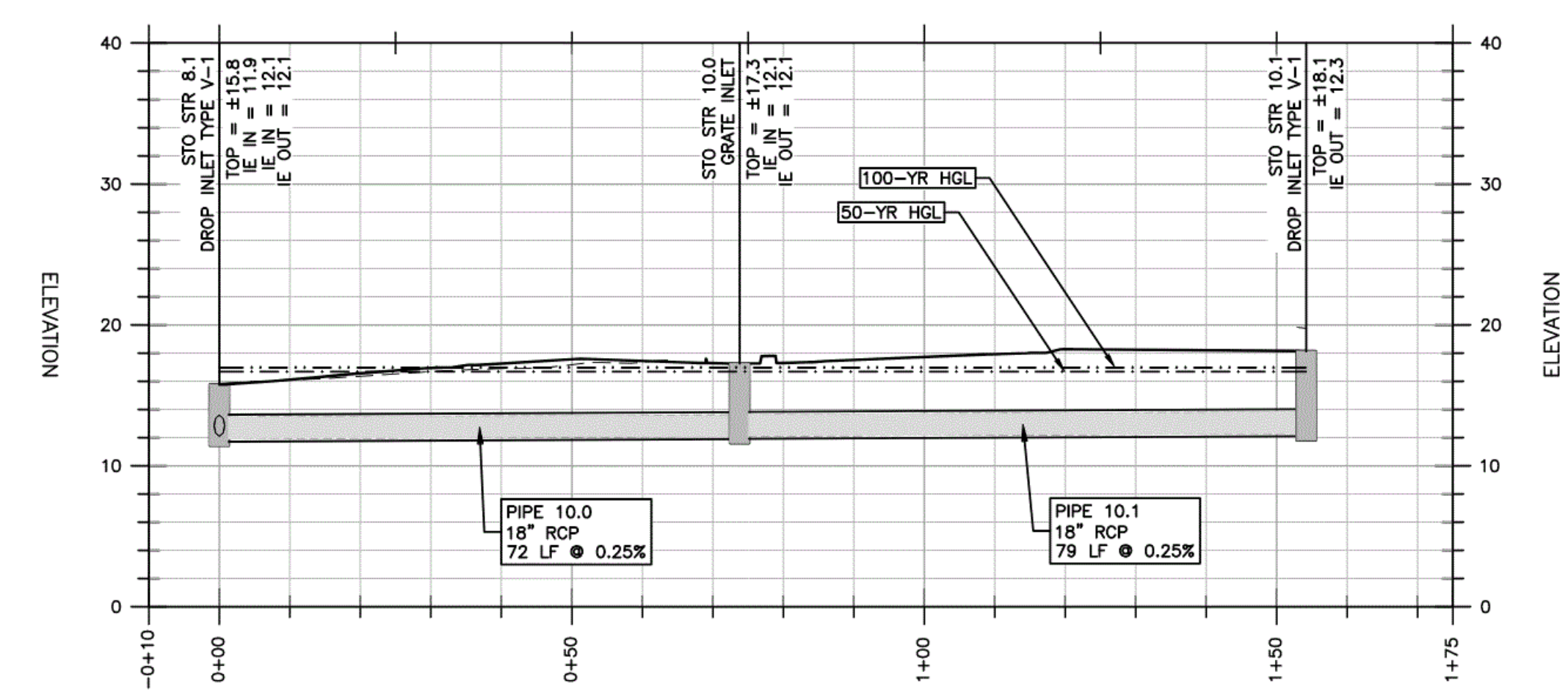
STORM ALIGN 8
STATION: 0+00.00 THRU 3+40.00



STORM ALIGN 9
STATION: -0+10.00 THRU 2+00.00



STORM ALIGN 10
STATION: -0+10.00 THRU 1+75.00



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MAXWELL-REDDICK & ASSOCIATES JOB NO. 2020-018

VOL. II SAVANNAH ARTS ACADEMY ADDITION
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FACILITY CODE: 1607
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517 EAST CONGRESS STREET
SAVANNAH, GEORGIA 31401
tel 912.234.6318
fax 912.236.8414
cogdellmendrala.com

SEAL:
JARED V. MOCK
ENGINEER
LICENSED PROFESSIONAL
GSWCC LEVEL II
DESIGN PROFESSIONAL
CERT. #0000038107

PROJECT CONSULTANTS:
CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
40 JOE KENNEDY BLVD.
STATESBORO, GA 30458
STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
400 E. JOHNNY MERCER BOULEVARD
SAVANNAH, GA 31410
MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

KEY PLAN:

SHEET TITLE:
STORM DRAINAGE PLAN & PROFILE - 3

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JWM
SCALE: AS SHOWN
SHEET: **C5.3**

Z:\MAXWELL-REDDICK & ASSOCIATES\JOBS\2020\2020-018 COGDELL & MENDRALA - SAVANNAH ARTS ACADEMY\ENGINEERING\DESIGN\DRAWINGS\SAV-ARTS_MAIN.DWG

25-YR PIPE CHART

Line	ToLine	LineLength (ft)	Incr.Area (ac)	TotalArea (ac)	Curve Number (CN)	InletTime (min)	TimeConc (min)	RnfallInt (in/hr)	TotalRunoff (cfs)	AdnFlow (cfs)	TotalFlow (cfs)	CapacFull (cfs)	Veloc (ft/s)	PipeSize (in)	PipeSlope (%)	Inv ElevDn (ft)	Inv ElevUp (ft)	HGLDn (ft)	HGLUp (ft)	Grnd/RimDn (ft)	Grnd/RimUp (ft)	Line ID
1	Outfall	30.26	0.07	0.64	61	5.00	39.60	4.40	1.76	0.00	1.86	5.40	1.57	18.00	0.26	11.85	11.93	16.61	16.61	15.14	16.02	PIPE 8.0
2	1	69.06	0.29	0.57	83	5.00	39.10	4.40	1.63	0.00	1.73	5.21	1.56	18.00	0.25	11.93	12.10	16.61	16.61	16.02	15.78	PIPE 8.1
3	2	115.89	0.00	0.00	-	5.00	5.00	0.00	0.00	0.10	0.10	5.25	0.12	18.00	0.25	12.10	12.39	16.61	16.61	15.78	16.64	PIPE 8.2
4	2	73.82	0.24	0.28	73	5.00	17.20	7.10	1.13	0.00	1.13	5.19	0.92	18.00	0.24	11.93	12.11	16.61	16.61	15.78	17.25	PIPE 10.0
5	4	80.39	0.04	0.04	57	5.00	5.00	11.90	0.19	0.00	0.19	5.24	0.20	18.00	0.25	12.11	12.31	16.61	16.61	17.25	18.13	PIPE 10.1
6	Outfall	51.65	0.00	2.36	-	5.00	12.90	8.10	11.13	0.00	11.13	5.27	6.59	18.00	0.25	13.42	13.55	17.89	17.89	16.41	18.09	PIPE 1.0
7	6	46.07	0.07	2.05	61	5.00	12.80	8.20	9.59	0.00	9.59	5.13	5.42	18.00	0.24	13.58	13.69	17.89	17.89	18.09	17.45	PIPE 1.1
8	7	74.50	0.15	1.98	66	5.00	12.60	8.20	9.38	0.00	9.38	5.30	5.31	18.00	0.26	13.69	13.88	17.89	17.89	17.45	17.40	PIPE 1.2
9	8	70.50	0.17	1.83	65	5.00	12.40	8.30	8.80	0.00	8.80	5.16	4.98	18.00	0.24	13.88	14.05	17.89	17.89	17.40	17.40	PIPE 1.3
10	9	122.23	0.18	1.35	65	5.00	12.00	8.40	6.51	0.00	6.51	5.29	3.69	18.00	0.25	14.05	14.36	17.89	17.89	17.40	17.40	PIPE 1.4
11	10	84.00	0.31	0.81	76	5.00	11.50	8.60	3.82	0.00	3.82	5.25	2.16	18.00	0.25	14.36	14.57	17.89	17.89	17.40	17.40	PIPE 1.5
12	11	103.87	0.11	0.34	62	5.00	9.40	9.40	1.55	0.00	1.55	5.25	0.88	18.00	0.25	14.57	14.83	17.89	17.89	17.40	17.59	PIPE 2.0
13	12	82.48	0.13	0.13	68	5.00	5.00	11.90	0.83	0.00	0.83	5.17	0.47	18.00	0.24	14.83	15.03	17.89	17.89	17.59	17.45	PIPE 2.2
14	12	77.00	0.10	0.10	58	5.00	5.00	11.90	0.51	0.00	0.51	5.22	0.29	18.00	0.25	14.83	15.02	17.89	17.89	17.59	17.45	PIPE 3.0
15	11	98.88	0.07	0.07	68	5.00	5.00	11.90	0.45	0.00	0.45	5.28	0.25	18.00	0.25	14.57	14.82	17.89	17.89	17.40	17.67	PIPE 1.6
16	11	73.18	0.09	0.09	63	5.00	5.00	11.90	0.51	0.00	0.51	5.21	0.29	18.00	0.25	14.57	14.75	17.89	17.89	17.40	17.45	PIPE 4.0
17	10	72.28	0.29	0.29	81	5.00	5.00	11.90	2.38	0.00	2.38	5.24	1.34	18.00	0.25	14.36	14.54	17.89	17.89	17.40	17.45	PIPE 5.0
18	10	70.53	0.07	0.07	69	5.00	5.00	11.90	0.46	0.00	0.46	5.16	0.26	18.00	0.24	14.36	14.53	17.89	17.89	17.40	17.45	PIPE 5.1
19	9	70.64	0.07	0.07	66	5.00	5.00	11.90	0.43	0.00	0.43	5.30	0.24	18.00	0.25	14.05	14.23	17.89	17.89	17.40	17.45	PIPE 6.1
20	9	70.57	0.24	0.24	80	5.00	5.00	11.90	1.97	0.00	1.97	5.30	1.11	18.00	0.26	14.05	14.23	17.89	17.89	17.40	17.45	PIPE 6.0
21	6	65.37	0.00	0.31	69	5.00	6.30	11.00	2.14	0.00	2.14	5.20	1.21	18.00	0.24	13.55	13.71	17.89	17.89	18.09	18.30	PIPE 7.0
22	21	63.50	0.00	0.24	-	5.00	5.30	11.70	1.82	0.00	1.82	5.27	1.03	18.00	0.25	13.71	13.87	17.89	17.89	18.30	18.02	PIPE 7.1
23	22	18.04	0.24	0.24	-	5.00	5.00	11.90	1.85	0.00	1.85	5.53	1.05	18.00	0.28	13.87	13.92	17.89	17.89	18.02	17.63	PIPE 7.2
24	21	16.41	0.07	0.07	77	5.00	5.00	11.90	0.47	0.00	0.47	5.62	0.26	18.00	0.24	13.71	13.75	17.89	17.89	18.30	18.11	PIPE 11.0

100-YR PIPE CHART

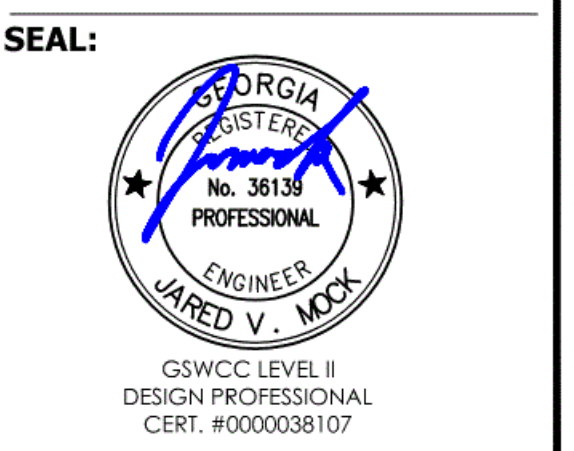
Line	ToLine	LineLength (ft)	Incr.Area (ac)	TotalArea (ac)	Curve Number (CN)	InletTime (min)	TimeConc (min)	RnfallInt (in/hr)	TotalRunoff (cfs)	AdnFlow (cfs)	TotalFlow (cfs)	CapacFull (cfs)	Veloc (ft/s)	PipeSize (in)	PipeSlope (%)	Inv ElevDn (ft)	Inv ElevUp (ft)	HGLDn (ft)	HGLUp (ft)	Grnd/RimDn (ft)	Grnd/RimUp (ft)	Line ID
1	Outfall	30.26	0.07	0.64	61	5.00	39.50	5.40	2.16	0.00	2.26	5.40	1.90	18.00	0.26	11.85	11.93	16.67	16.67	15.14	16.02	PIPE 8.0
2	1	69.06	0.29	0.57	83	5.00	39.10	5.40	2.00	0.00	2.10	5.21	1.80	18.00	0.25	11.93	12.10	16.67	16.67	16.02	15.78	PIPE 8.1
3	2	115.89	0.00	0.00	-	5.00	5.00	0.00	0.00	0.10	0.10	5.25	0.11	18.00	0.25	12.10	12.39	16.67	16.67	15.78	16.64	PIPE 8.2
4	2	73.82	0.24	0.28	73	5.00	15.00	9.10	1.46	0.00	1.46	5.19	1.11	18.00	0.24	11.93	12.11	16.67	16.67	15.78	17.25	PIPE 10.0
5	4	80.39	0.04	0.04	57	5.00	5.00	14.40	0.24	0.00	0.24	5.24	0.22	18.00	0.25	12.11	12.31	16.67	16.67	17.25	18.13	PIPE 10.1
6	Outfall	51.65	0.00	2.36	-	5.00	11.50	10.30	14.08	0.00	14.08	5.27	8.12	18.00	0.25	13.42	13.55	17.92	17.92	16.41	18.09	PIPE 1.0
7	6	46.07	0.07	2.05	61	5.00	11.40	10.30	12.12	0.00	12.12	5.13	6.86	18.00	0.24	13.58	13.69	17.92	17.92	18.09	17.45	PIPE 1.1
8	7	74.50	0.15	1.98	66	5.00	11.30	10.40	11.85	0.00	11.85	5.30	6.71	18.00	0.26	13.69	13.88	17.92	17.92	17.45	17.40	PIPE 1.2
9	8	70.50	0.17	1.83	65	5.00	11.10	10.50	11.11	0.00	11.11	5.16	6.29	18.00	0.24	13.88	14.05	17.92	17.92	17.40	17.40	PIPE 1.3
10	9	122.23	0.18	1.35	65	5.00	10.80	10.60	8.21	0.00	8.21	5.29	4.65	18.00	0.25	14.05	14.36	17.92	17.92	17.40	17.40	PIPE 1.4
11	10	84.00	0.31	0.81	76	5.00	10.40	10.80	4.80	0.00	4.80	5.25	2.72	18.00	0.25	14.36	14.57	17.92	17.92	17.40	17.40	PIPE 1.5
12	11	103.87	0.11	0.34	62	5.00	8.70	11.70	1.93	0.00	1.93	5.25	1.09	18.00	0.25	14.57	14.83	17.92	17.92	17.40	17.59	PIPE 2.0
13	12	82.48	0.13	0.13	68	5.00	5.00	14.40	1.01	0.00	1.01	5.17	0.57	18.00	0.24	14.83	15.03	17.92	17.92	17.59	17.45	PIPE 2.2
14	12	77.00	0.10	0.10	58	5.00	5.00	14.40	0.62	0.00	0.62	5.22	0.35	18.00	0.25	14.83	15.02	17.92	17.92	17.59	17.45	PIPE 3.0
15	11	98.88	0.07	0.07	68	5.00	5.00	14.40	0.54	0.00	0.54	5.28	0.31	18.00	0.25	14.57	14.82	17.92	17.92	17.40	17.67	PIPE 1.6
16	11	73.18	0.09	0.09	63	5.00	5.00	14.40	0.62	0.00	0.62	5.21	0.35	18.00	0.25	14.57	14.75	17.92	17.92	17.40	17.45	PIPE 4.0
17	10	72.28	0.29	0.29	81	5.00	5.00	14.40	2.88	0.00	2.88	5.24	1.63	18.00	0.25	14.36	14.54	17.92	17.92	17.40	17.45	PIPE 5.0
18	10	70.53	0.07	0.07	69	5.00	5.00	14.40	0.55	0.00	0.55	5.16	0.31	18.00	0.24	14.36	14.53	17.92	17.92	17.40	17.45	PIPE 5.1
19	9	70.64	0.07	0.07	66	5.00	5.00	14.40	0.52	0.00	0.52	5.30	0.30	18.00	0.25	14.05	14.23	17.92	17.92	17.40	17.45	PIPE 6.1
20	9	70.57	0.24	0.24	80	5.00	5.00	14.40	2.38	0.00	2.38	5.30	1.35	18.00	0.26	14.05	14.23	17.92	17.92	17.40	17.45	PIPE 6.0
21	6	65.37	0.00	0.31	69	5.00	6.10	13.40	2.62	0.00	2.62	5.20	1.48	18.00	0.24	13.55	13.71	17.92	17.92	18.09	18.30	PIPE 7.0
22	21	63.50	0.00	0.24	-	5.00	5.20	14.10	2.21	0.00	2.21	5.27	1.25	18.00	0.25	13.71	13.87	17.92	17.92	18.30	18.02	PIPE 7.1
23	22	18.04	0.24	0.24	-	5.00	5.00	14.40	2.24	0.00	2.24	5.53	1.27	18.00	0.28	13.87	13.92	17.92	17.92	18.02	17.63	PIPE 7.2
24	21	16.41	0.07	0.07	77	5.00	5.00	14.40	0.56	0.00	0.56	5.62	0.32	18.00	0.24	13.71	13.75	17.92	17.92	18.30	18.11	PIPE 11.0

**VOL. II SAVANNAH ARTS
ACADEMY ADDITION**
500 WASHINGTON AVENUE
SAVANNAH, GA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

CogdellMendralaArchitects
COGDELL & MENDRALA ARCHITECTS, PC
517 EAST CONGRESS STREET
SAVANNAH, GEORGIA 31401
tel 912.236.6318
fax 912.236.8414
cogdellmendrala.com



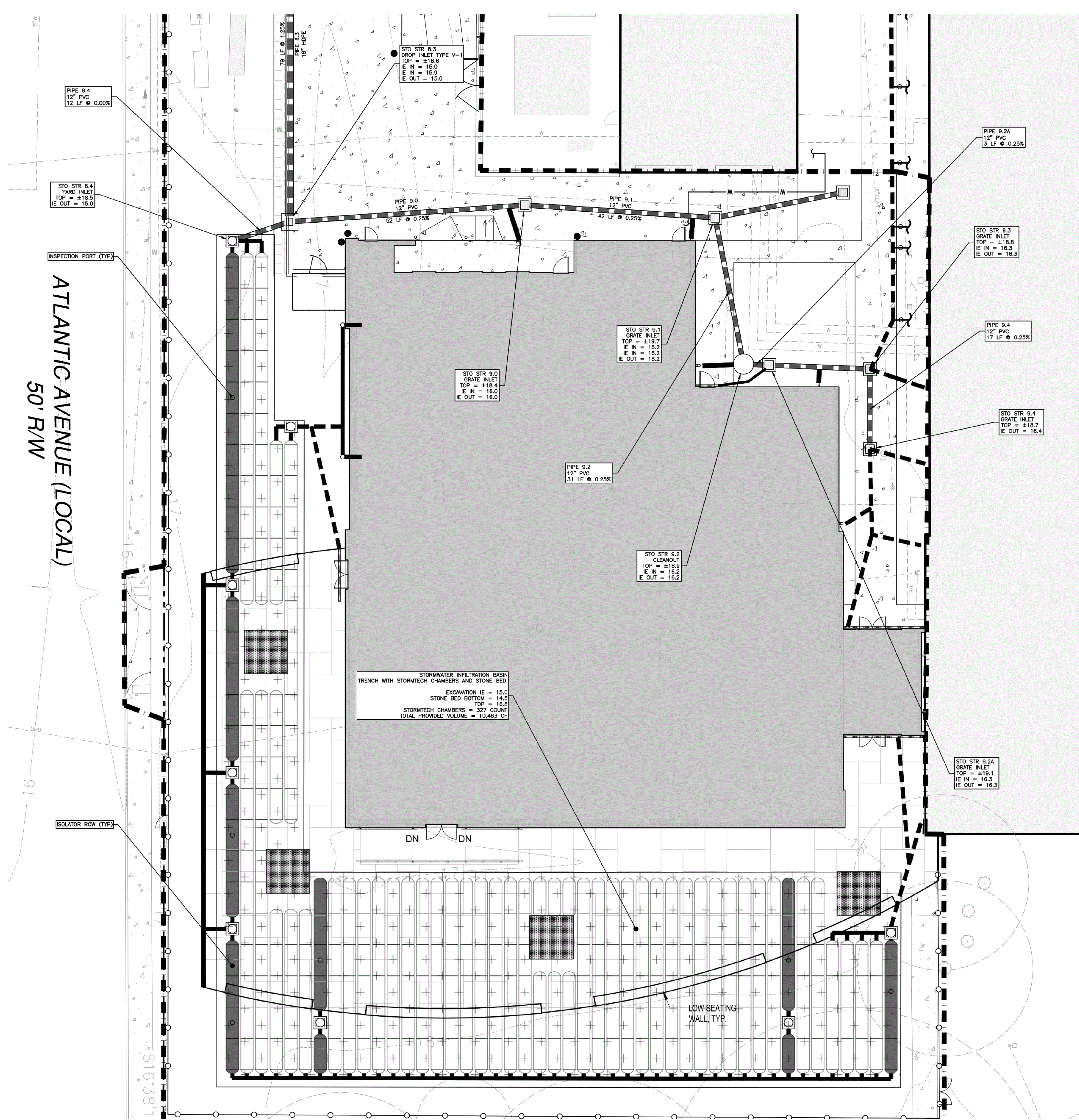
PROJECT CONSULTANTS:
CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
40 JOE KENNEDY BLVD.
STATESBORO, GA 30458
STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
400 E. JOHNNY MERCER BOULEVARD
SAVANNAH, GA 31410
MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

KEY PLAN:

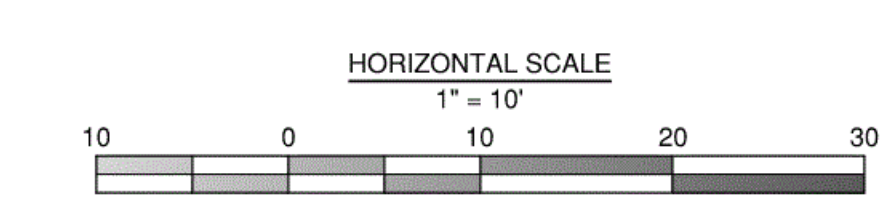
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STORMWATER
PIPE
CALCULATION

REVISION SCHEDULE	
DATE	DESCRIPTION

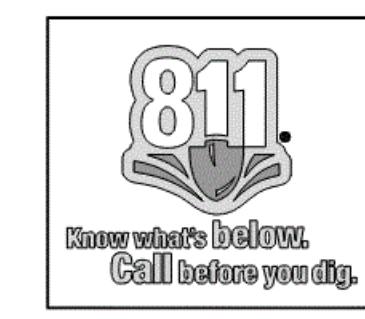
PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JVM
SCALE: AS SHOWN
SHEET: **C5.4**



ATLANTIC AVENUE (LOCAL)
50' R/W



MAXWELL-REDDICK & ASSOCIATES JOB NO. 2020-018



VOL. II SAVANNAH ARTS ACADEMY ADDITION
500 WASHINGTON AVENUE
SAVANNAH, GA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
GMP CONSTRUCTION DOCUMENTS



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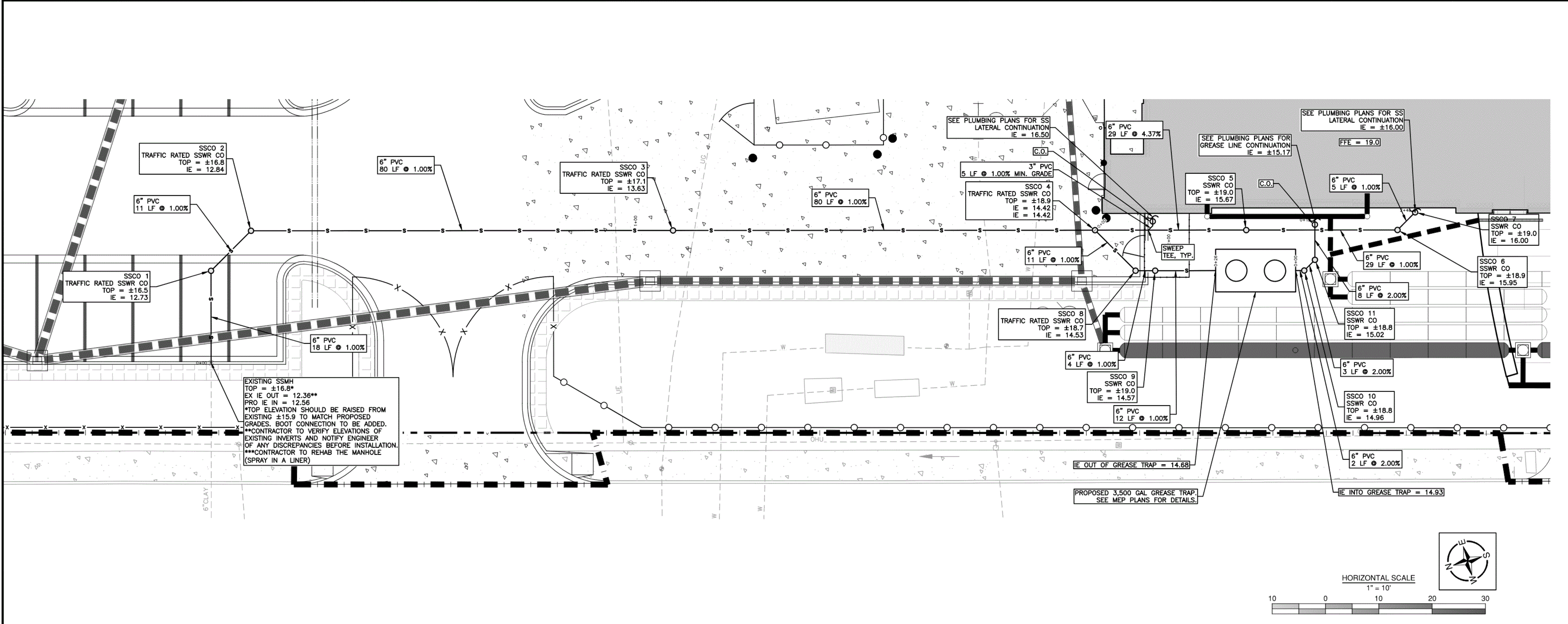
KEY PLAN:

SHEET TITLE:
STORMWATER INFILTRATION TRENCH DETAIL

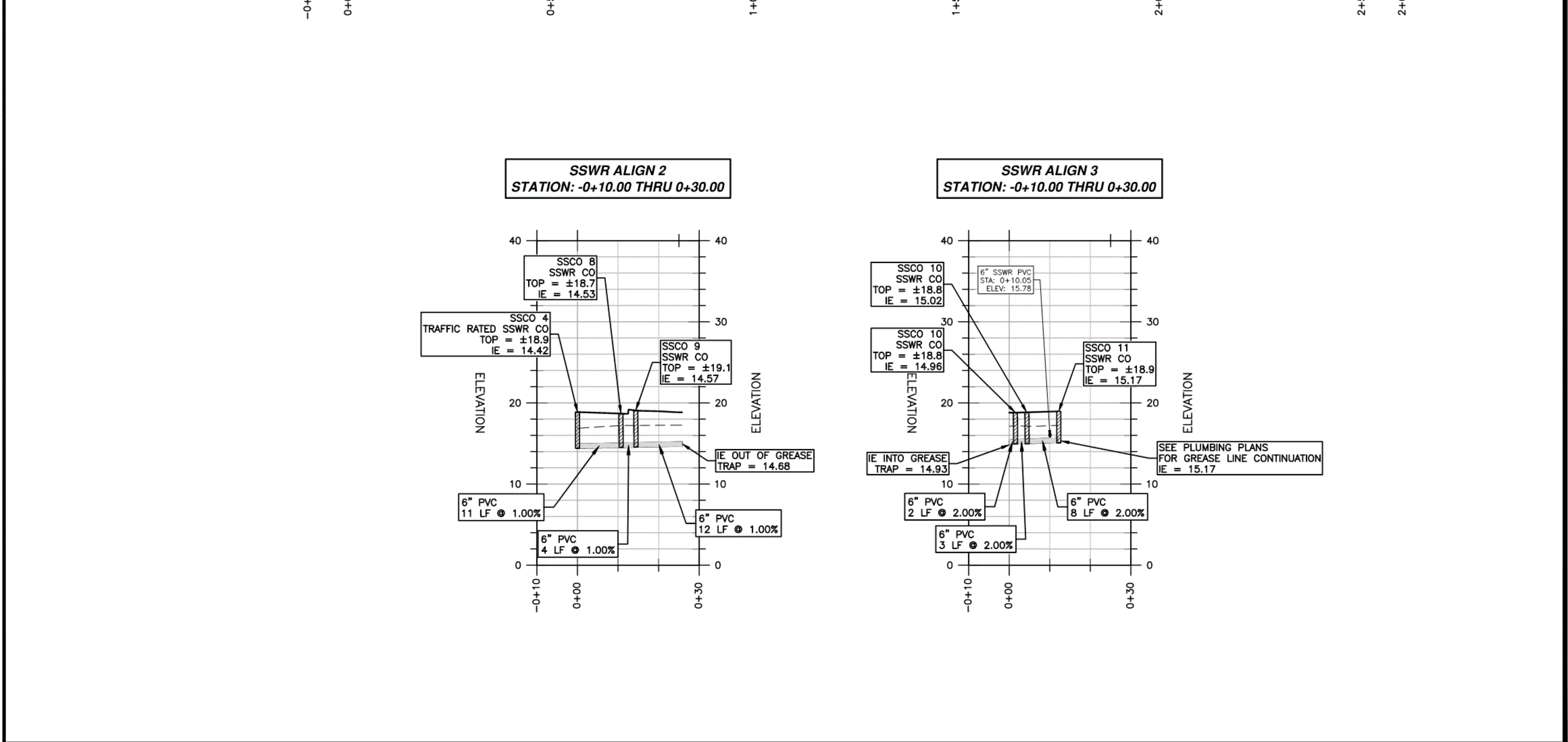
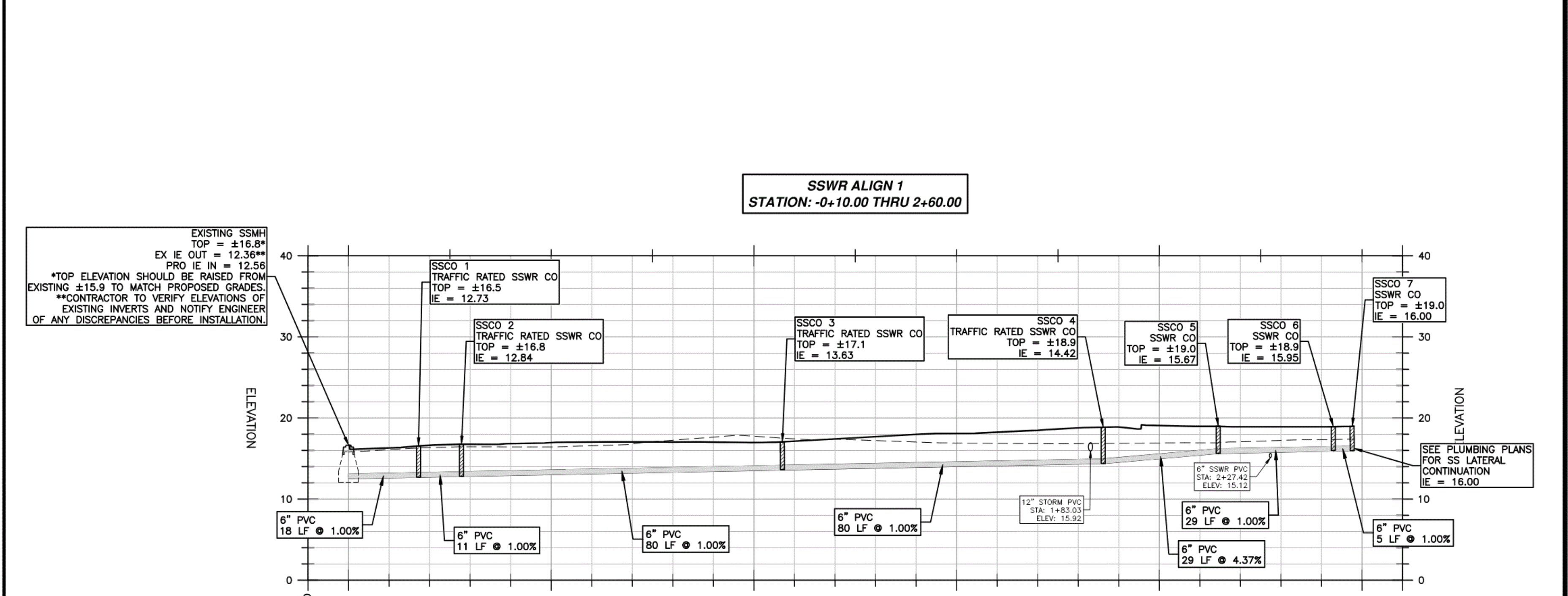
REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JWM
SCALE: AS SHOWN
SHEET: **C5.5**

Z:\MAXWELL-REDDICK & ASSOCIATES\JOBS\2020\2020-018 COGDELL & MENDRALA - SAVANNAH ARTS ACADEMY ENGINEERING\DESIGN DRAWINGS\SAV-ARTS MAIN.DWG
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- UTILITY NOTES:**
- CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES AND FOR AVOIDING CONFLICT WITH SAME. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
 - ALL PROPOSED SANITARY SEWER GRAVITY LINES ARE TO UTILIZE RUBBER GASKETED JOINTS AND CONFORM TO ASTM 3034 FOR PIPES 15" AND SMALLER. ALL SANITARY SEWER LINES SHALL BE PVC SDR 26.
 - HORIZONTAL & VERTICAL (GROSSINGS) SEPARATIONS OF ALL PROPOSED POTABLE WATER LINES AND EXISTING/PROPOSED UTILITY LINES SHALL MEET ALL LOCAL AND STATE ORDINANCES/CODES. SEE DETAIL SHEETS.
 - ALL METERS, BACKFLOW PREVENTERS, ETC. SHALL MEET CITY OF SAVANNAH SPECIFICATIONS. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CITY OF SAVANNAH WATER DEPARTMENT AND OBTAINING ANY NECESSARY INFORMATION ABOUT SAID PRODUCTS.
 - ALL WATER METERS SHALL BE PROVIDED BY THE CONTRACTOR AND APPROVED BY THE CITY OF SAVANNAH. THE UTILITY CONTRACTOR IS RESPONSIBLE FOR PROVIDING EACH BACKFLOW PREVENTER AND METER BOX/VAULT/PT. THE UTILITY CONTRACTOR IS RESPONSIBLE FOR SETTING EACH METER AND BACKFLOW PREVENTER.
 - ALL BELOW GRADE WATER LATERALS 4" IN DIAMETER AND LARGER SHALL BE SDR 18 CLASS 900 PVC PIPE WITH GASKETED FITTINGS AND SHALL BE RESTRAINED PER THE SCHEDULE FOR 4" PVC PIPE ON THE DETAIL SHEETS.
 - ALL BELOW GRADE WATER LATERALS 3.5" IN DIAMETER AND SMALLER SHALL BE HDPE 9" PIPE. ALL HOPE FITTINGS SHALL BE THREADED BRASS CONFORMING TO AWWA C800 (ASTM B-62 AND ASTM B-584) WITH GRIP JOINT NUT, NYLON WASHER, BEVELED EPDM RUBBER GASKET, AND PHOSPHORUS BRONZE GRIPPER RING FOR AXIAL RESTRAINT.
 - ALL BELOW GRADE WATER MAINS 4" - 12" SHALL BE RESTRAINED JUNT AWWA C-900 PVC SDR 18 AND SHALL UTILIZE COMPACT TYPE DI FITTINGS MEETING ANSIAWWA C153/A21.53.
 - ALL FIRE MAINS SHALL BE 3" CLASS 50 MINIMUM AND SHALL UTILIZE COMPACT TYPE DI FITTINGS MEETING ANSIAWWA C153/A21.53 BELOW GRADE AND FLANGED END FITTINGS MEETING ANSIAWWA C115/A21.15 AND ANSI B16.1 CLASS 125 FLANGES ABOVE GRADE.
 - ALL WATER MAINS AND LATERALS SHALL BE BURIED A MINIMUM OF 36" BELOW GRADE. WATER MAINS AND LATERALS SHALL BE LOWERED WHERE NECESSARY TO AVOID CONFLICT WITH EXISTING UTILITIES. SEE DETAILS.
 - ALL WATER MAIN AND FIRE MAIN FITTINGS SHALL BE MECHANICAL JOINTS. GULLED FITTINGS SHALL NOT BE PERMITTED. SEE DETAILS FOR REQUIRED RESTRAINTS.
 - ALL PROPOSED UTILITY LINES SHALL HAVE CAUTION DIG TAPE AND LOCATE WIRE INSTALLED ALONG THEIR ENTIRE LENGTH AND TERMINATED IN A VISIBLE MANNER IN AN EASILY ACCESSIBLE LOCATION.
 - REFER TO DETAIL SHEETS AND SPECIFICATION SECTION 312300 FOR BEDDING AND BACKFILL REQUIREMENTS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND THE APPROPRIATE SIGNAGE AS REQUIRED BY THE INSTALLATION AND CONNECTION OF ALL PROPOSED UTILITIES AND ROADWAYS.
 - OPEN TRENCHES SHALL BE PROPERLY BARRICADED DURING CONSTRUCTION PERIODS. NO TRENCHES SHALL BE LEFT UNCOVERED DURING PERIODS OF NO CONSTRUCTION ACTIVITY OR OVERSIGHT.
 - DURING INSTALLATION OF NEW UTILITIES, CONTRACTOR SHALL REMOVE MATERIALS CLASSIFIED AS "UNUSABLE" AND BACKFILL WITH GRAVEL OR SELECT GRANULAR BACKFILL AS DIRECTED BY ENGINEER. GRAVEL REQUIRED FOR NORMAL INSTALLATION OF SANITARY SEWER MAINS, MANHOLES, & LATERALS SHALL BE INCLUDED. SEE SPECIFICATION SECTION 31 23 00.
 - SITE UTILITY WORK TO BE PERFORMED BY CONTRACTORS LICENSED TO PERFORM THE APPLICABLE DISCIPLINE IN THE STATE OF GEORGIA.
 - ALL UTILITY EXCAVATIONS NOT COVERED BY IMPERVIOUS MATERIAL SHALL BE GRESSED WITH APPROVED PERMANENT SEEDING THAT IS APPROPRIATE FOR THE GROWING SEASON IN WHICH IT IS PLANTED.
 - CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY SIZES, MATERIAL TYPES, AND LOCATIONS PRIOR TO ORDERING MATERIALS.
 - CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS/APPROVALS PRIOR TO COMMENCING UTILITY CONSTRUCTION IN THE RIGHT OF WAY OF SKIDAWAY RD.
 - ANY WATER SERVICE LINE AT THE SITE SHALL BE PROTECTED WITH A BACKFLOW PREVENTION DEVICE AND THE ANNUAL TEST ON THE BACKFLOW SHALL BE CURRENT IN ORDER FOR THIS PROJECT TO RECEIVE THE CERTIFICATE OF COMPLETION. CONTACT COLUMBUS RAWLS AT crawls@savannah.gov OR HASKELL ROBINSON AT hrobinson01@savannahga.gov FOR THE INSPECTION AND ADDITIONAL ASSISTANCE WITH THE BACKFLOW PREVENTION DEVICE.
 - ALL PROPOSED UTILITY CONSTRUCTION INSIDE OF RIGHT-OF-WAY SHALL OBTAIN CITY COUNTY GOVT APPROVAL BEFORE ANY WORK STARTS.
 - CONTRACTOR SHALL PROVIDE TO THE CITY OF SAVANNAH WATER DISTRIBUTION DEPARTMENT, NEAT, LEGIBLE, AND ACCURATE RED-LINE DRAWINGS SHOWING THE LOCATION AND EXTENT OF THE WATER MAINS TO BE CONNECTED, PRIOR TO WATER LINE DISINFECTION. FOR PROJECTS WITH MULTIPLE OR PHASED CONNECTIONS TO THE CITY'S WATER SYSTEM, RED-LINE DRAWINGS SHALL BE PROVIDED PRIOR TO EACH DISINFECTION EVENT. NO BACTERIOLOGICAL TESTING WILL BE CONDUCTED AND THE TEMPORARY BACKFLOW PREVENTER SHALL REMAIN IN PLACE UNTIL SATISFACTORY RED-LINE DRAWINGS HAVE BEEN PROVIDED.
 - ALL ABANDONED WASTE AND SANITARY SEWER LINES NOT BEING USED SHALL BE FILLED WITH FLOWABLE FILL AND CAPPED AT THE MAIN.
 - ALL WATER METERS AND FIRE HYDRANTS REMOVED FROM THE SITE SHALL BE RETURNED TO THE CITY OF SAVANNAH WATER DISTRIBUTION DEPARTMENT.
 - AFTER THE PROJECT HAS BEEN CONSTRUCTED AS-BUILT DRAWINGS MUST BE SUBMITTED TO THE CITY OF SAVANNAH ENGINEERING DEPARTMENT AS REQUIRED BY THE WATER AND SEWER PRIVATE DEVELOPMENT PROJECTS CLOSEOUT POLICY. THE SIZE OF THE DRAWINGS SHALL BE 24" x 36". AS-BUILT DRAWINGS SHALL HAVE A COORDINATE SYSTEM BASED ON THE GEORGIA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (NAD 83), WITH SUB-METER ACCURACY. ELEVATIONS SHOWN SHALL BE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). ALL MEASUREMENTS AND COORDINATES SHOWN SHALL BE THE U.S. SURVEY FOOT DEFINITION. COORDINATES SHALL BE SHOWN ON ALL DRAINAGE STRUCTURES, DETENTION FACILITIES, MANHOLES, VALVES, FIRE HYDRANTS, TEES AND BENDS.
 - A RECORDED PLAT OF THE WATER AND SANITARY SEWER EASEMENTS SHALL BE PROVIDED WITH THE CLOSEOUT DOCUMENTS. THE WATER AND SANITARY SEWER EASEMENT SHALL BE A MINIMUM WIDTH OF 7'6" ON EITHER SIDE OF THE WATER AND/OR SEWER LINE.



- CITY OF SAVANNAH UTILITY NOTES:**
- AN IRRIGATION SYSTEM WILL BE INCLUDED IN THIS PROJECT.
 - A FIRE PROTECTION SYSTEM WILL NOT BE PROVIDED FOR THIS PROJECT.
 - THIS PROJECT WILL NOT DISCHARGE INDUSTRIAL WASTEWATER TO THE SANITARY SEWER SYSTEM.
 - ALL ABANDONED WATER AND SANITARY SEWER LINES NOT BEING USED SHALL BE FILLED WITH FLOWABLE FILL AND CAPPED AT THE MAIN.
 - ANY WATER METER OR FIRE HYDRANT REMOVED FROM THE SITE SHALL BE RETURNED TO THE CITY OF SAVANNAH WATER DISTRIBUTION DEPARTMENT.
 - THE WATER SERVICE LATERAL SERVING THE FACILITY SHALL BE INSTALLED BY THE DEVELOPER/CONTRACTOR FROM THE WATER MAIN TO THE METERS. THE CITY OF SAVANNAH WILL ONLY MAKE THE WET TAP. THE CITY WILL NOT INSTALL THE WATER SERVICE LATERAL.
 - IT SHALL BE THE RESPONSIBILITY OF THE DESIGN CONSULTANT TO REQUEST A DESIGN LOCATE FOR EXISTING UTILITIES FROM THE UTILITY PROTECTION CENTER (CALL 811 IN GEORGIA, OF 1-800-282-7411) AND INDICATE THE LOCATION OF EXISTING UTILITIES ON THE PLANS.
 - ALL MATERIALS USED AND COME IN CONTACT WITH DRINKING WATER DURING ITS DISTRIBUTION SHALL NOT ADVERSELY AFFECT DRINKING QUALITY AND PUBLIC HEALTH AND MUST BE CERTIFIED FOR CONFORMANCE WITH AMERICAN NATIONAL STANDARDS INSTITUTE/NATIONAL SANITATION FOUNDATION STANDARD 61 (ANSI/NFPA STANDARD 61).
 - FOR ANY NEW WATER MAIN OR MAINS TO BE CONNECTED TO THE CITY OF SAVANNAH WATER SYSTEM, THE CONTRACTOR SHALL PROVIDE TO THE CITY'S WATER DISTRIBUTION DEPARTMENT, NEAT, LEGIBLE, AND ACCURATE RED-LINE DRAWINGS SHOWING THE LOCATION AND EXTENT OF THE WATER MAINS TO BE CONNECTED, PRIOR TO WATER LINE DISINFECTION. FOR PROJECTS WITH MULTIPLE OR PHASED CONNECTIONS TO THE CITY'S WATER SYSTEM, RED-LINE DRAWINGS SHALL BE PROVIDED TO EACH DISINFECTION EVENT. NO BACTERIOLOGICAL TESTING WILL BE CONDUCTED AND THE TEMPORARY BACKFLOW PREVENTER SHALL REMAIN IN PLACE UNTIL SATISFACTORY RED-LINE DRAWINGS HAVE BEEN APPROVED.
 - THIS PROJECT'S WATER AND SEWER ITEMS CANNOT BE INSPECTED UNTIL THE SYSTEM THAT IT IS CONNECTING TO IS CONSTRUCTED, INSPECTED, AND ACCEPTED BY THE CITY OF SAVANNAH.

AS-BUILT ACKNOWLEDGEMENT

24" x 36" AS-BUILT DRAWINGS ARE REQUIRED BY THE WATER & SEWER PRIVATE DEVELOPMENT PROJECTS CLOSE OUT POLICY (GA STATE PLANE COORDINATES, EAST ZONE, NAD 83, NAVD 88, U.S. SURVEY FOOT). COORDINATES SHALL BE PROVIDED ON ALL STRUCTURES, DETENTION FACILITIES, MANHOLES, VALVES, FIRE HYDRANTS, TEES, AND BENDS.

RIGHT-OF-WAY PERMIT NOTE:

A RIGHT OF WAY PERMIT SHALL BE OBTAINED PRIOR TO PERFORMING CONSTRUCTION ACTIVITIES IN THE CITY'S R.O.W.

MAXWELL-REDDICK & ASSOCIATES JOB NO. 2020-018

GEOTECHNICAL NOTE:

MAXWELL-REDDICK AND ASSOCIATES, INC. DOES NOT WARRANT OR IMPLY ANY WARRANTIES AS TO THE SUITABILITY OF THE SOIL CONDITIONS AT THE SUBJECT SITE.

NOTE TO CONTRACTOR:

- A LAND DISTURBING ACTIVITY PERMIT MUST BE OBTAINED FROM THE CITY OF SAVANNAH PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES.
- PRIOR TO BEGINNING ANY LAND DISTURBING ACTIVITIES, ALL UTILITIES SHALL BE LOCATED AND A DIGGING TICKET SHALL BE OBTAINED FROM THE GA UTILITIES PROTECTION CENTER BY CALLING THE 811 NUMBER. THIS IS REQUIRED BY THE GA UTILITY FACILITY PROTECTION ACT (GUFPA) WHICH MANDATES THAT BEFORE STARTING ANY MECHANIZED DIGGING OR EXCAVATION WORK, YOU MUST CONTACT GA 811 AT LEAST 48 HOURS BUT NO MORE THAN 10 WORKING DAYS IN ADVANCE TO HAVE UTILITY LINES MARKED. MORE INFORMATION MAY BE FOUND ON THE GA 811 WEBSITE AT THE FOLLOWING LINK: <http://georgia811.com/lawsandpolicies.aspx>.
- UNITED STATES ARMY CORPS OF ENGINEERS (USACE) JURISDICTIONAL WETLANDS DO NOT EXIST ON THE SUBJECT SITE.
- IF ANY DISCREPANCIES BETWEEN THE ENGINEER'S PLANS OR CONSTRUCTION STAKES AND ACTUAL SITE CONDITIONS ARISE DURING THE COURSE OF CONSTRUCTION THE CONTRACTOR AND/OR OWNER SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY PRIOR TO CONSTRUCTING SAID INCONSISTENT ENTITIES. IF THE CONTRACTOR KNOWS OR CAN REASONABLY BE EXPECTED TO HAVE KNOWN OF AN ERROR, DISCREPANCY OR CONFLICT IN ANY OF THE PLANS, SPECIFICATIONS OR CONSTRUCTION STAKING AND FAILS TO REPORT THE SAME, HE SHALL NOT BE ENTITLED TO COMPENSATION FOR ANY WORK OR EXPENSE INCURRED BY HIM, WHICH IS REQUIRED TO BE REDONE OR REINCURRED BECAUSE OF SAID ERROR, DISCREPANCY OR CONFLICT AND WHICH WOULD HAVE BEEN AVOIDED HAD HE PROMPTLY REPORTED SAID ERRORS, DISCREPANCY OR CONFLICT WHEN HE KNEW OR SHOULD HAVE KNOWN OF THE SAME.

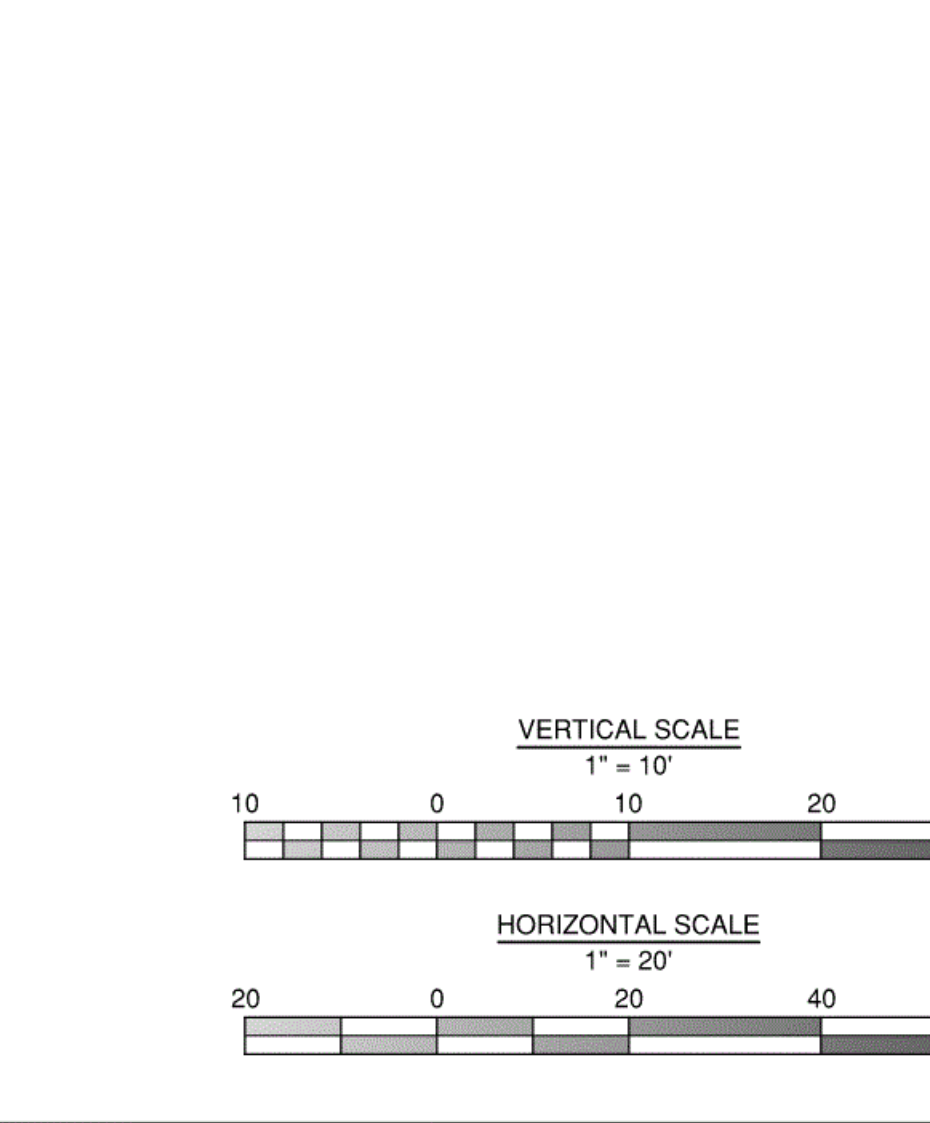
SANITARY & WATER UTILITY CONSTRUCTION CERTIFICATION

I, JARED V. MOCK, P.E., HEREBY CERTIFY THAT THE PROPOSED SANITARY SEWERS AND/OR WATER LINES ARE NOT CONSTRUCTED ON OR SERVING STRUCTURES CONSTRUCTED OR PROPOSED TO BE CONSTRUCTED ON SOLID WASTE LANDFILLS.

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SAVANNAH, GEORGIA 31401
tel 912.236.6318
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cogdellmendrala.com

SEAL:

GSWCC LEVEL II
DESIGN PROFESSIONAL
CERT. #0000038107

PROJECT CONSULTANTS:

CIVIL ENGINEER
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SUITE 100
SAVANNAH, GA 31406

KEY PLAN:

SHEET TITLE:
SANITARY SEWER PLAN & PROFILE

REVISION SCHEDULE

DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JVM
SCALE: AS SHOWN

SHEET: C6.0

Z:\MAXWELL-REDDICK & ASSOCIATES JOBS\2020\2020-018 COGDELL & MENDRALA - SAVANNAH ARTS ACADEMY ENGINEERING\DESIGN\DRAWINGS\SAV-ARTS_MAIN.DWG

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3. UNITED STATES ARMY CORPS OF ENGINEERS (USACE) JURISDICTIONAL WETLANDS DO NOT EXIST ON THE SUBJECT SITE.
4. IF ANY DISCREPANCIES BETWEEN THE ENGINEER'S PLANS OR CONSTRUCTION STAKES AND ACTUAL SITE CONDITIONS ARISE DURING THE COURSE OF CONSTRUCTION THE CONTRACTOR AND/OR OWNER SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY PRIOR TO CONSTRUCTING SAID INCONSISTENT ENTITIES. IF THE CONTRACTOR KNOWS OR CAN REASONABLY BE EXPECTED TO HAVE KNOWN OF AN ERROR, DISCREPANCY OR CONFLICT IN ANY OF THE PLANS, SPECIFICATIONS OR CONSTRUCTION STAKES AND FAILS TO REPORT THE SAME, HE SHALL NOT BE ENTITLED TO COMPENSATION FOR ANY WORK OR EXPENSE INCURRED BY HIM, WHICH IS REQUIRED TO BE REDONE OR REINCURRED BECAUSE OF SAID ERROR, DISCREPANCY OR CONFLICT AND WHICH WOULD HAVE BEEN AVOIDED HAD HE PROMPTLY REPORTED SAID ERRORS, DISCREPANCY OR CONFLICT WHEN HE KNEW OR SHOULD HAVE KNOWN OF THE SAME.

AS-BUILT ACKNOWLEDGEMENT

24" x 36" AS-BUILT DRAWINGS ARE REQUIRED BY THE WATER & SEWER PRIVATE DEVELOPMENT PROJECTS CLOSE OUT POLICY (GA STATE PLANE COORDINATES, EAST ZONE, NAD 83, NAVD 88, U.S. SURVEY FOOT). COORDINATES SHALL BE PROVIDED ON ALL STRUCTURES, DETENTION FACILITIES, MANHOLES, VALVES, FIRE HYDRANTS, TEES, AND BENDS.

RIGHT-OF-WAY PERMIT NOTE:

A RIGHT OF WAY PERMIT SHALL BE OBTAINED PRIOR TO PERFORMING CONSTRUCTION ACTIVITIES IN THE CITY'S R.O.W.

FIRE FLOW NOTE:

INFORMATION REGARDING THE FIRE FLOW TEST CAN BE FOUND ON SHEET C8.7.

MAXWELL-REDDICK & ASSOCIATES JOB NO. 2020-018

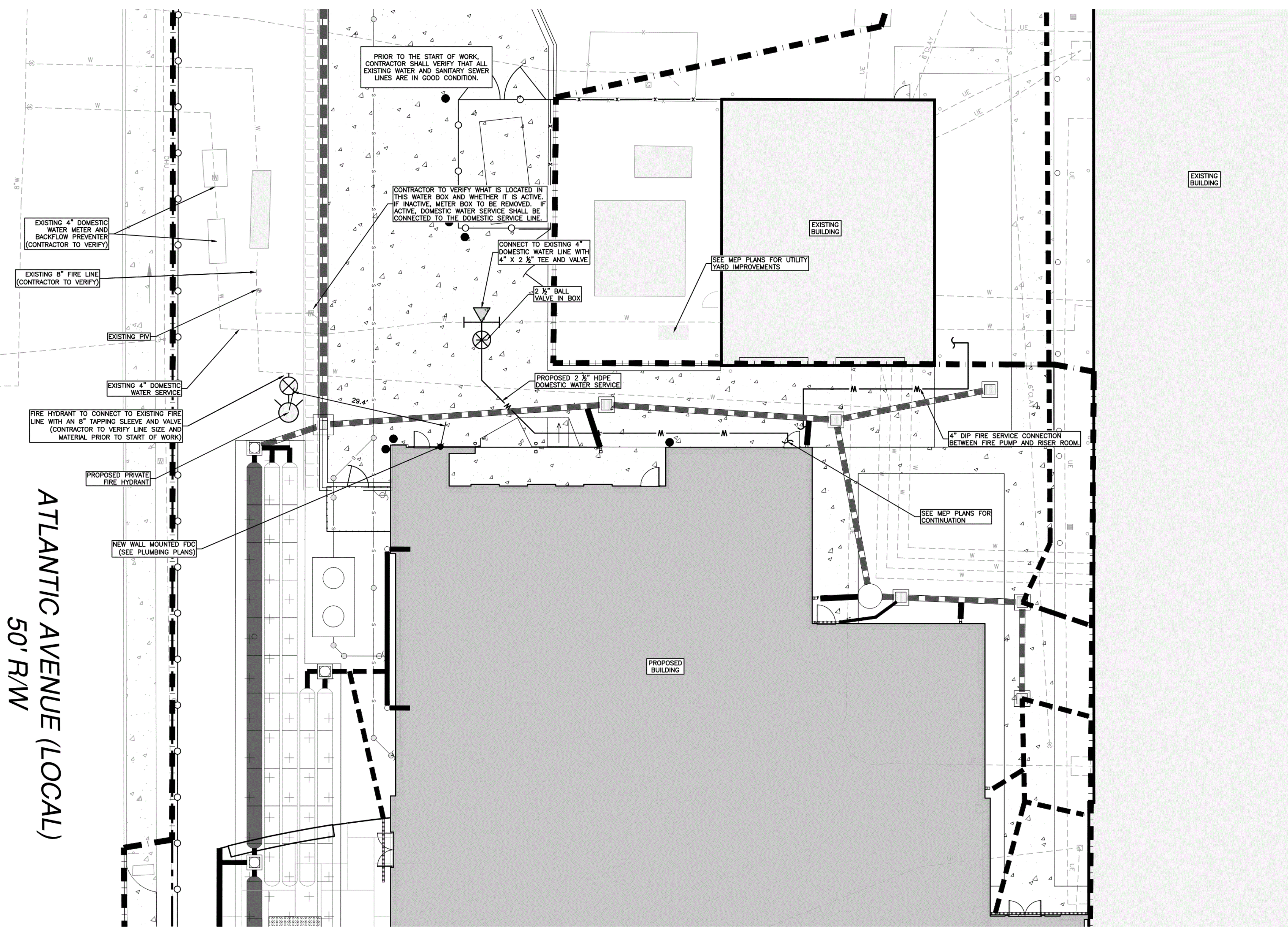
SANITARY & WATER UTILITY CONSTRUCTION CERTIFICATION

I, JARED V. MOCK, P.E., HEREBY CERTIFY THAT THE PROPOSED SANITARY SEWERS AND/OR WATER LINES ARE NOT CONSTRUCTED ON OR SERVING STRUCTURES CONSTRUCTED OR PROPOSED TO BE CONSTRUCTED ON SOLID WASTE LANDFILLS.

WATER NOTE

FOR ANY NEW WATER MAIN OR MAINS TO BE CONNECTED TO THE CITY OF SAVANNAH WATER SYSTEM, THE CONTRACTOR SHALL PROVIDE TO THE CITY'S WATER DISTRIBUTION DEPARTMENT, NEAT, LEGIBLE, AND ACCURATE REDLINE DRAWINGS SHOWING THE LOCATION AND EXTENT OF THE WATER MAINS TO BE CONNECTED, PRIOR TO WATER LINE DISINFECTION. FOR PROJECTS WITH MULTIPLE OR PHASED CONNECTIONS TO THE CITY'S WATER SYSTEM, REDLINE DRAWINGS SHALL BE PROVIDED PRIOR TO EACH DISINFECTION EVENT. NO BACTERIOLOGICAL TESTING WILL BE CONDUCTED AND THE TEMPORARY BACKFLOW PREVENTER SHALL REMAIN IN PLACE UNTIL SATISFACTORY REDLINE DRAWINGS HAVE BEEN PROVIDED.

- UTILITY NOTES:**
1. CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES AND FOR AVOIDING CONFLICT WITH SAME. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
 2. ALL PROPOSED SANITARY SEWER GRAVITY LINES ARE TO UTILIZE RUBBER GASKETED JOINTS AND CONFORM TO ASTM 934 FOR PIPES 15" AND SMALLER. ALL SANITARY SEWER LINES SHALL BE PVC SDR 26.
 3. HORIZONTAL & VERTICAL (CROSSINGS) SEPARATIONS OF ALL PROPOSED POTABLE WATER LINES AND EXISTING PROPOSED UTILITY LINES SHALL MEET ALL LOCAL AND STATE ORDINANCES/CODES. SEE DETAIL SHEETS.
 4. ALL METERS, BACKFLOW PREVENTERS, ETC. SHALL MEET CITY OF SAVANNAH SPECIFICATIONS. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CITY OF SAVANNAH WATER DEPARTMENT AND OBTAINING ANY NECESSARY INFORMATION ABOUT SAID PRODUCTS.
 5. ALL WATER METERS SHALL BE PROVIDED BY THE CONTRACTOR AND APPROVED BY THE CITY OF SAVANNAH. THE UTILITY CONTRACTOR IS RESPONSIBLE FOR PROVIDING EACH BACKFLOW PREVENTER AND METER BOX/VAULT/PIT. THE UTILITY CONTRACTOR IS RESPONSIBLE FOR SETTING EACH METER AND BACKFLOW PREVENTER.
 6. ALL BELOW GRADE WATER LATERALS 4" IN DIAMETER AND LARGER SHALL BE SDR 18 CLASS 300 PVC PIPE WITH GASKETED FITTINGS AND SHALL BE RESTRAINED PER THE SCHEDULE FOR 4" PVC PIPE ON THE DETAIL SHEETS.
 7. ALL BELOW GRADE WATER LATERALS 3.5" IN DIAMETER AND SMALLER SHALL BE HDPE DR 9 PIPE. ALL HDPE FITTINGS SHALL BE THREADED BRASS CONFORMING TO AWWA G905 (ASTM B452 AND ASTM B-594) WITH GRIP JOINT NUT, NYLON WASHER, BEVELED EPDM RUBBER GASKET, AND PHOSPHORUS BRONZE GRIPPER RING FOR AXIAL RESTRAINT.
 8. ALL BELOW GRADE WATER MAINS 4"-12" SHALL BE RESTRAINED JOINT AWWA C-300 PVC SDR 18 AND SHALL UTILIZE COMPACT TYPE DI FITTINGS MEETING ANSIAWWA C153/A21.53.
 9. ALL FIRE MAINS SHALL BE DI, CLASS 50 MINIMUM AND SHALL UTILIZE COMPACT TYPE DI FITTINGS MEETING ANSIAWWA C153/A21.53 BELOW GRADE AND FLANGED END FITTINGS MEETING ANSIAWWA C115/A21.15 AND ANSI B16.1 CLASS 125 FLANGES ABOVE GRADE.
 10. ALL WATER MAINS AND LATERALS SHALL BE BURIED A MINIMUM OF 36" BELOW GRADE. WATER MAINS AND LATERALS SHALL BE LOWERED WHERE NECESSARY TO AVOID CONFLICT WITH EXISTING UTILITIES. SEE DETAILS.
 11. ALL WATER MAIN AND FIRE MAIN FITTINGS SHALL BE MECHANICAL JOINTS. GLUED FITTINGS SHALL NOT BE PERMITTED. SEE DETAILS FOR REQUIRED RESTRAINTS.
 12. ALL PROPOSED UTILITY LINES SHALL HAVE CAUTION DIG TAPE AND LOCATE WIRE INSTALLED ALONG THEIR ENTIRE LENGTH AND TERMINATED IN A SUITABLE MANNER IN AN EASILY ACCESSIBLE LOCATION.
 13. REFER TO DETAIL SHEETS AND SPECIFICATION SECTION 312300 FOR BEDDING AND BACKFILL REQUIREMENTS.
 14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND THE APPROPRIATE SIGNAGE AS REQUIRED BY THE INSTALLATION AND CONNECTION OF ALL PROPOSED UTILITIES AND ROADWAYS.
 15. OPEN TRENCHES SHALL BE PROPERLY BARRICADED DURING CONSTRUCTION PERIODS. NO TRENCHES SHALL BE LEFT UNCOVERED DURING PERIODS OF NO CONSTRUCTION ACTIVITY OR OVERNIGHT.
 16. DURING INSTALLATION OF NEW UTILITIES, CONTRACTOR SHALL REMOVE MATERIALS CLASSIFIED AS "UNSUITABLE" AND BACKFILL WITH GRAVEL OR SELECT GRANULAR BACKFILL AS DIRECTED BY ENGINEER. GRAVEL REQUIRED FOR NORMAL INSTALLATION OF SANITARY SEWER MAINS, MANHOLES, & LATERALS SHALL BE 1/2" TO 3/4" GRAVEL. SEE SPECIFICATION SECTION 312310.
 17. SITE UTILITY WORK TO BE PERFORMED BY CONTRACTORS LICENSED TO PERFORM THE APPLICABLE DISCIPLINE IN THE STATE OF GEORGIA.
 18. ALL UTILITY EXCAVATIONS NOT OCCUPIED BY IMPERVIOUS MATERIAL SHALL BE GRASSED WITH APPROVED PERMANENT SEEDING THAT IS APPROPRIATE FOR THE GROWING SEASON IN WHICH IT IS PLANTED.
 19. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY SIZES, MATERIAL TYPES, AND LOCATIONS PRIOR TO ORDERING MATERIALS.
 20. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS/APPROVALS PRIOR TO COMMENCING UTILITY CONSTRUCTION IN THE RIGHT OF WAY OF SKIDAWAY RD.
 21. ANY WATER SERVICE LINE AT THE SITE SHALL BE PROTECTED WITH A BACKFLOW PREVENTION DEVICE AND THE ANNUAL TEST ON THE BACKFLOW SHALL BE CURRENT IN ORDER FOR THIS PROJECT TO RECEIVE THE CERTIFICATE OF COMPLETION. CONTACT COLUMBUS RAWLS AT crwlw@savannah.gov OR HASKELL ROBINSON AT hrobinson01@savannahga.gov FOR THE INSPECTION AND ADDITIONAL ASSISTANCE WITH THE BACKFLOW PREVENTION DEVICE.
 22. ALL PROPOSED UTILITY CONSTRUCTION INSIDE OF RIGHT-OF-WAY SHALL OBTAIN CITY/COUNTY/GDOT APPROVAL BEFORE ANY WORK STARTS.
 23. CONTRACTOR SHALL PROVIDE TO THE CITY OF SAVANNAH WATER DISTRIBUTION DEPARTMENT, NEAT, LEGIBLE, AND ACCURATE RED-LINE DRAWINGS SHOWING THE LOCATION AND EXTENT OF THE WATER MAINS TO BE CONNECTED, PRIOR TO WATER LINE DISINFECTION. FOR PROJECTS WITH MULTIPLE OR PHASED CONNECTIONS TO THE CITY'S WATER SYSTEM, RED-LINE DRAWINGS SHALL BE PROVIDED PRIOR TO EACH DISINFECTION EVENT. NO BACTERIOLOGICAL TESTING WILL BE CONDUCTED AND THE TEMPORARY BACKFLOW PREVENTER SHALL REMAIN IN PLACE UNTIL SATISFACTORY RED-LINE DRAWINGS HAVE BEEN PROVIDED.
 24. ALL ABANDONED WASTE AND SANITARY SEWER LINES NOT BEING USED SHALL BE FILLED WITH FLOWABLE FILL AND CAPPED AT THE MAN.
 25. ALL WATER METERS AND FIRE HYDRANTS REMOVED FROM THE SITE SHALL BE RETURNED TO THE CITY OF SAVANNAH WATER DISTRIBUTION DEPARTMENT.
 26. AFTER THE PROJECT HAS BEEN CONSTRUCTED/ AS-BUILT DRAWINGS MUST BE SUBMITTED TO THE CITY OF SAVANNAH ENGINEERING DEPARTMENT AS REQUIRED BY THE WATER AND SEWER PRIVATE DEVELOPMENT PROJECTS CLOSEOUT POLICY. THE SIZE OF THE DRAWINGS SHALL BE 24" X 36" AS-BUILT DRAWINGS SHALL HAVE A COORDINATE SYSTEM BASED ON THE GEORGIA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (NAD 83), WITH SUB-METER ACCURACY. ELEVATIONS SHOWN SHALL BE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). ALL MEASUREMENTS AND COORDINATES SHOWN SHALL IS THE U.S. SURVEY FOOT DEFINITION. COORDINATES SHALL BE SHOWN ON ALL DRAINAGE STRUCTURES, DETENTION FACILITIES, MANHOLES, VALVES, FIRE HYDRANTS, TEES AND BENDS.
 27. A RECORDED PLAT OF THE WATER AND SANITARY SEWER EASEMENTS SHALL BE PROVIDED WITH THE CLOSEOUT DOCUMENTS. THE WATER AND SANITARY SEWER EASEMENT SHALL BE A MINIMUM WIDTH OF 7'6" ON EITHER SIDE OF THE WATER AND/OR SEWER LINE.



ATLANTIC AVENUE (LOCAL)
50' R/W

MAXWELL-REDDICK & ASSOCIATES JOB NO. 2020-018

RIGHT-OF-WAY PERMIT NOTE:

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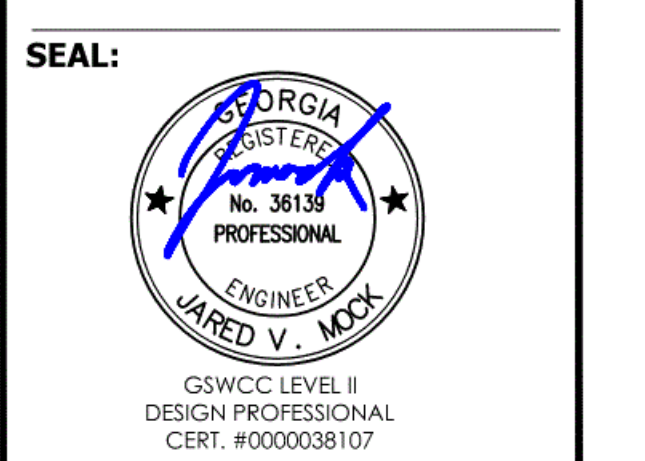
HORIZONTAL SCALE
1" = 10'

VOL. II SAVANNAH ARTS ACADEMY ADDITION
500 WASHINGTON AVENUE
SAVANNAH, GA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

CogdellMendralaArchitects
COGDELL & MENDRALA ARCHITECTS, PC
517 EAST CONGRESS STREET
SAVANNAH, GEORGIA 31401
tel 912.234.6318
fax 912.236.8414
cogdellmendrala.com



PROJECT CONSULTANTS:

CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
40 JOE KENNEDY BLVD.
STATESBORO, GA 30458

STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
400 E. JOHNNY MERCER BOULEVARD
SAVANNAH, GA 31410

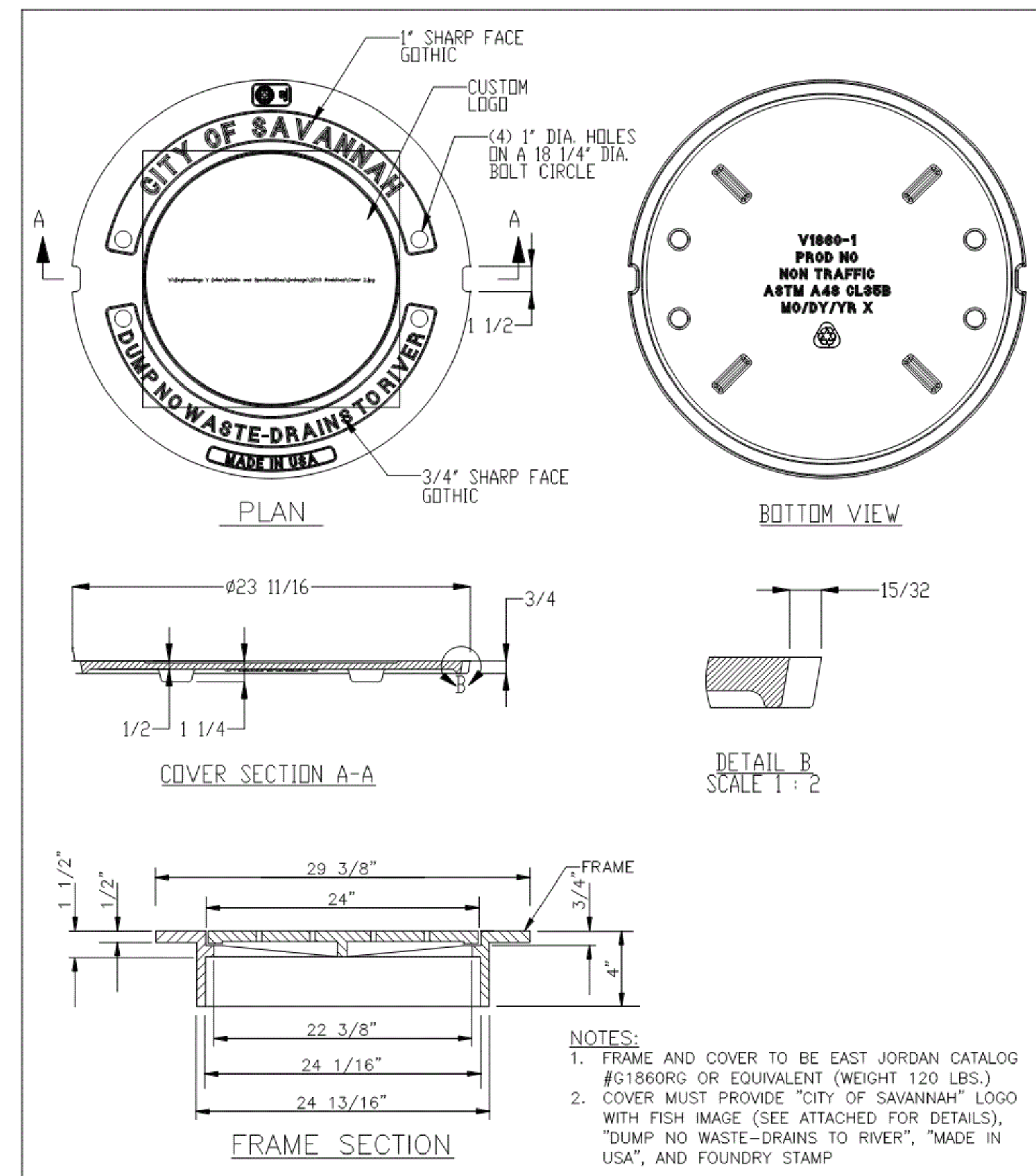
MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

KEY PLAN:

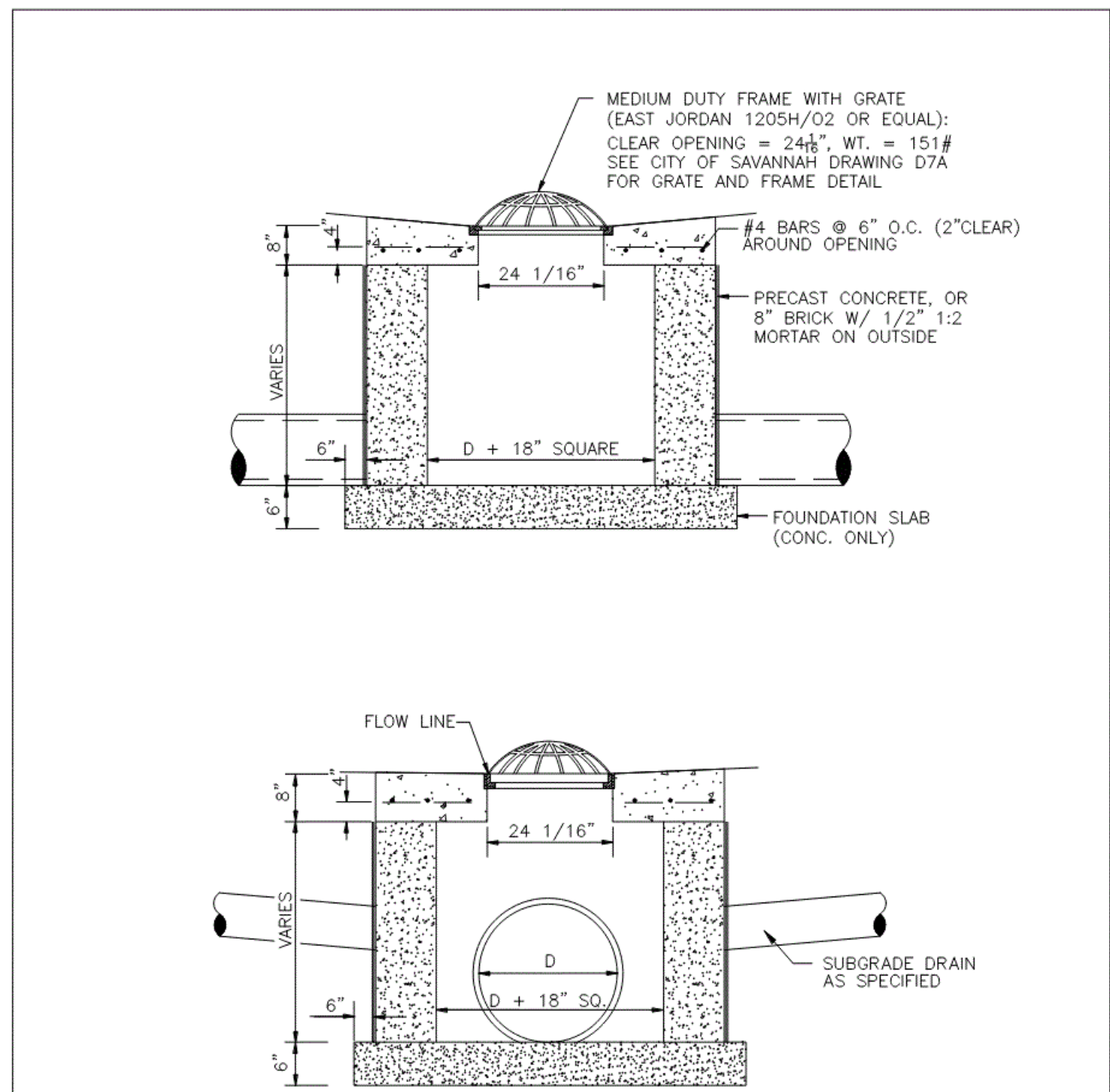
SHEET TITLE:
WATER DISTRIBUTION PLAN

REVISION SCHEDULE	
DATE	DESCRIPTION

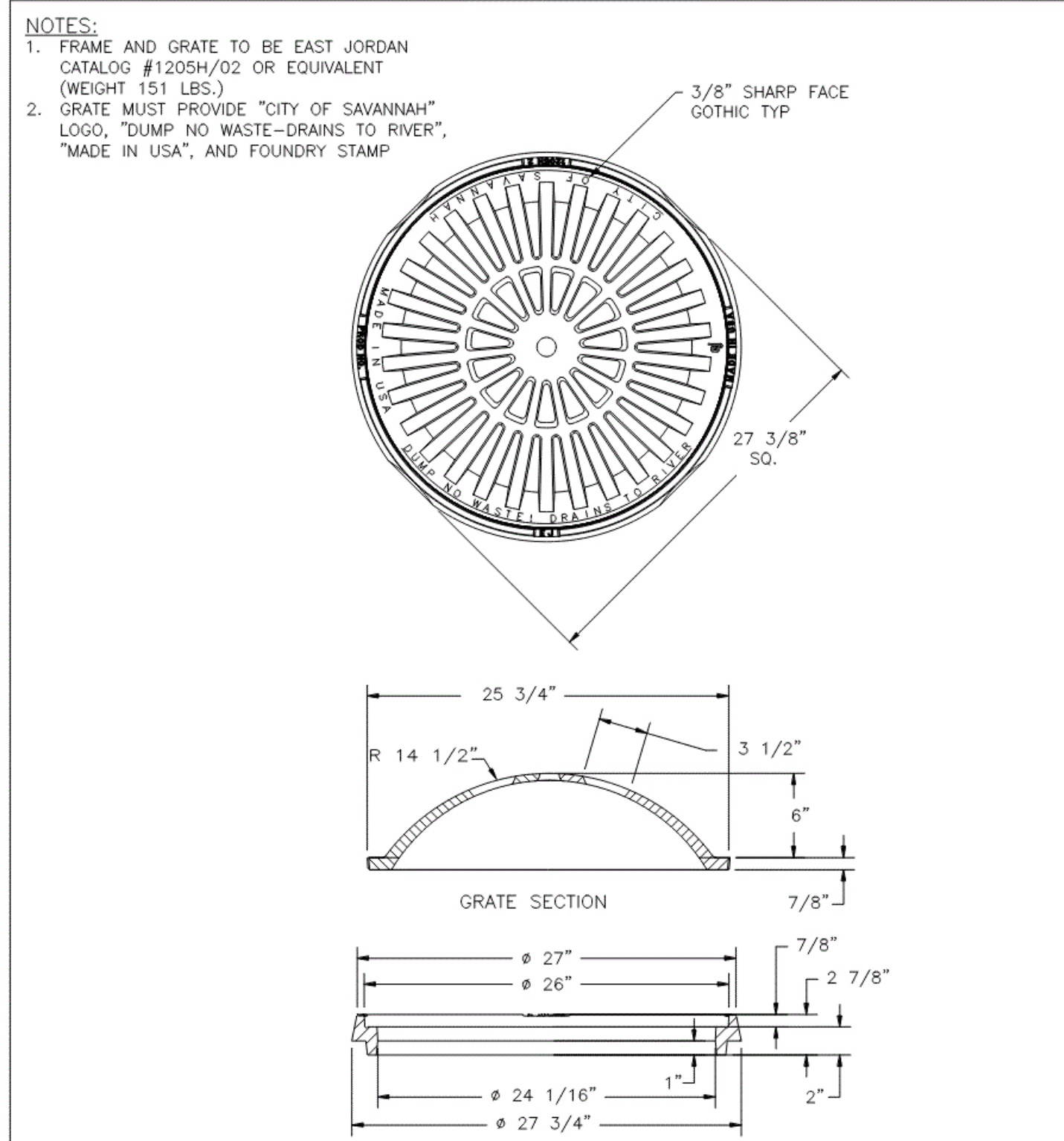
PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JWM
SCALE: AS SHOWN
SHEET: **C7.0**



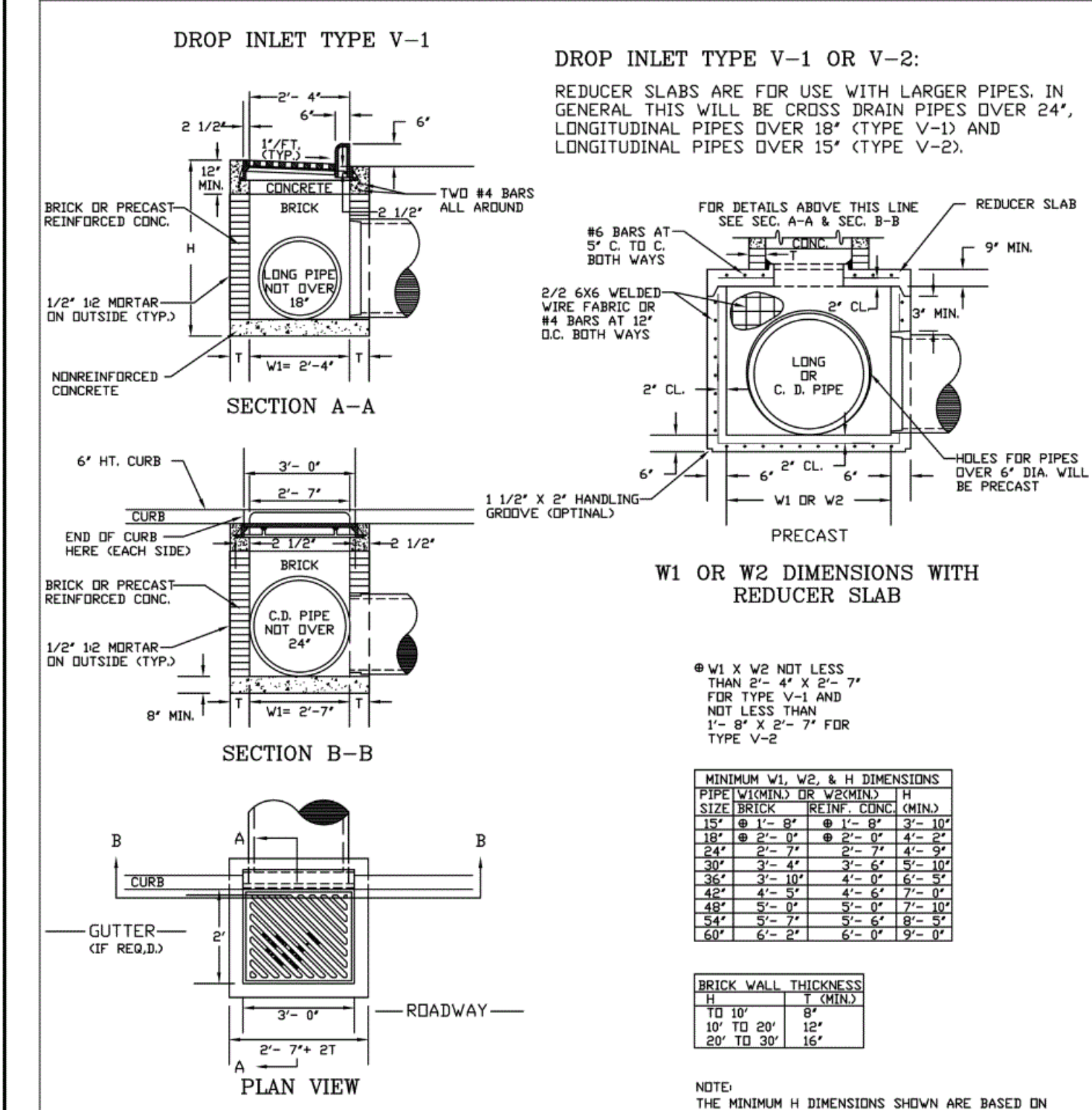
STANDARD CONSTRUCTION DETAILS
INLET FRAME AND COVER
SAVANNAH savannahga.gov
SCALE: N.T.S.
DATE: FEBRUARY 2019
PLATE NUMBER: D5
APPROVED: [Signature] CITY ENGINEER



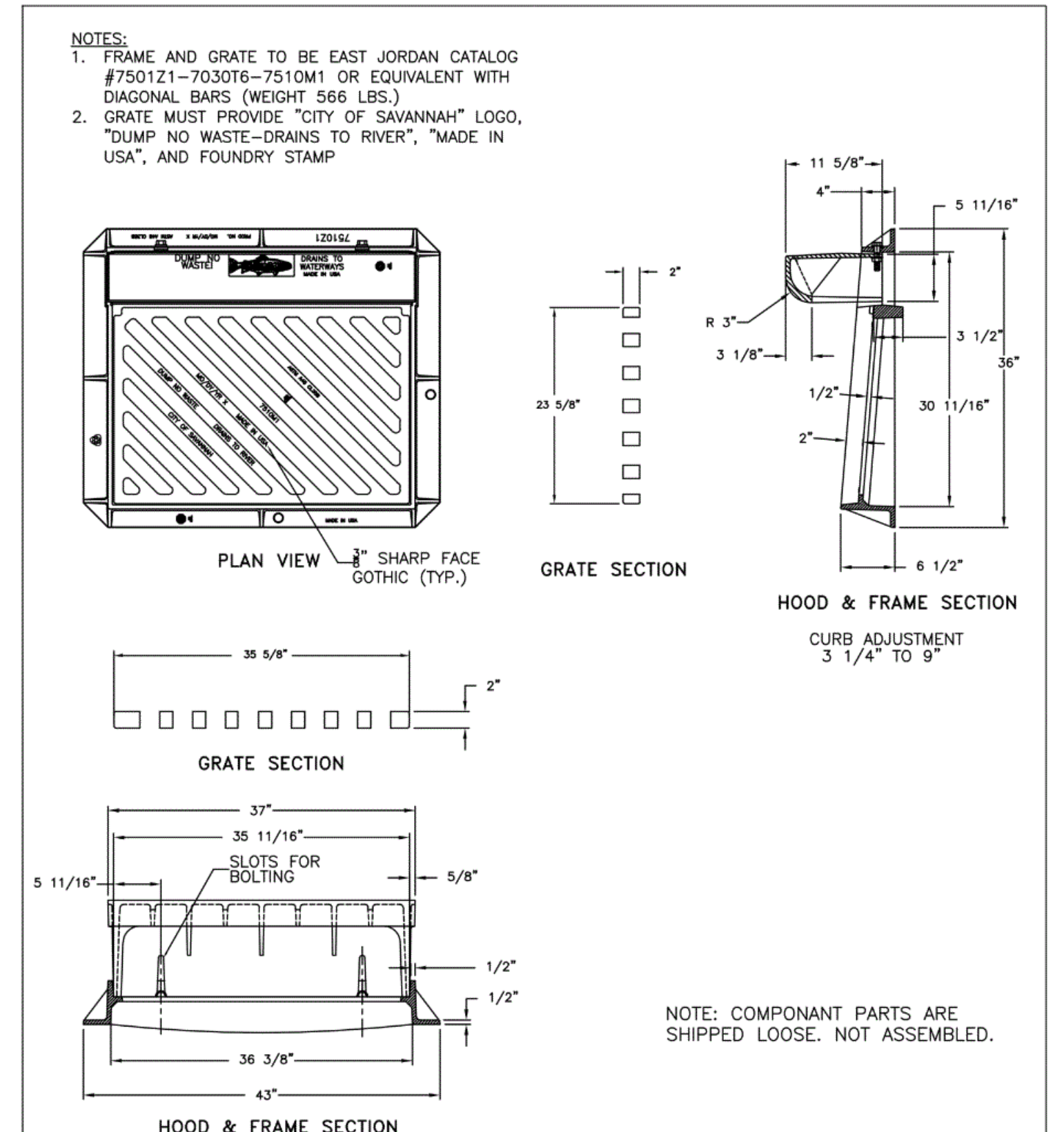
STANDARD CONSTRUCTION DETAILS
YARD INLET
SAVANNAH savannahga.gov
SCALE: N.T.S.
DATE: FEBRUARY 2019
PLATE NUMBER: D7
APPROVED: [Signature] CITY ENGINEER



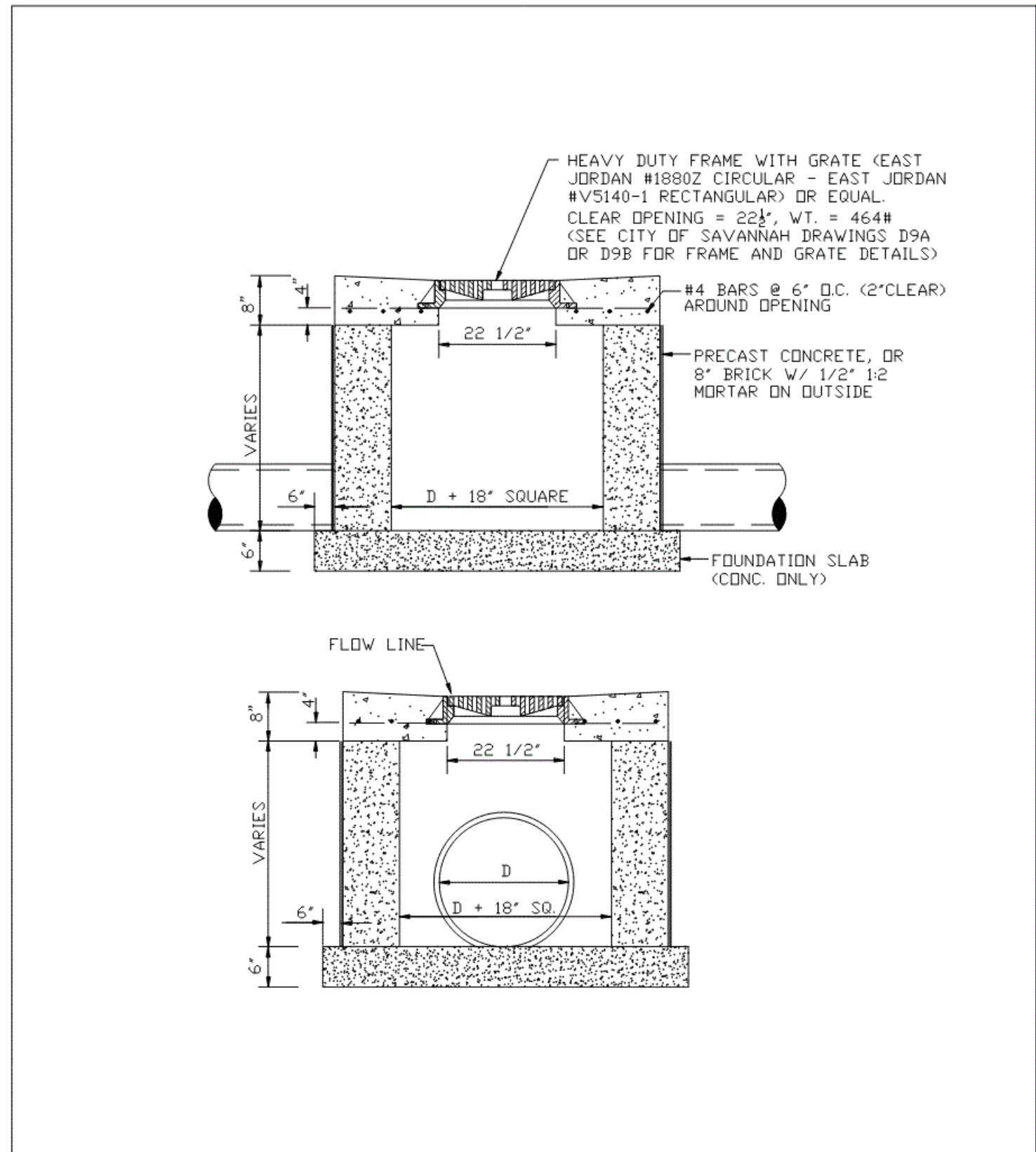
STANDARD CONSTRUCTION DETAILS
YARD INLET GRATE AND FRAME
SAVANNAH savannahga.gov
SCALE: N.T.S.
DATE: FEBRUARY 2019
PLATE NUMBER: D7A
APPROVED: [Signature] CITY ENGINEER



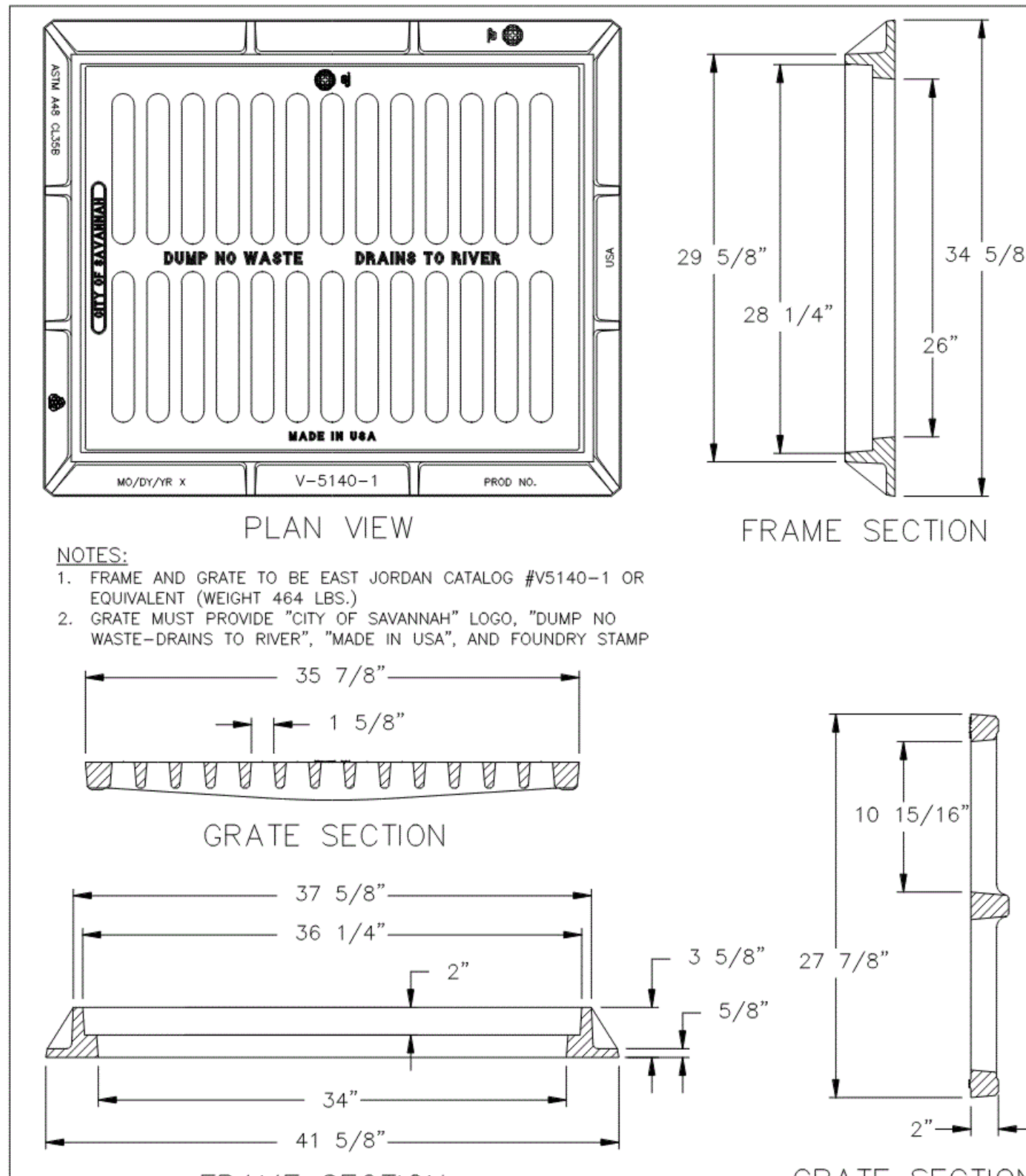
STANDARD CONSTRUCTION DETAILS
DROP INLET TYPE V-1 OR V-2
SAVANNAH savannahga.gov
SCALE: N.T.S.
DATE: FEBRUARY 2019
PLATE NUMBER: D8
APPROVED: [Signature] CITY ENGINEER



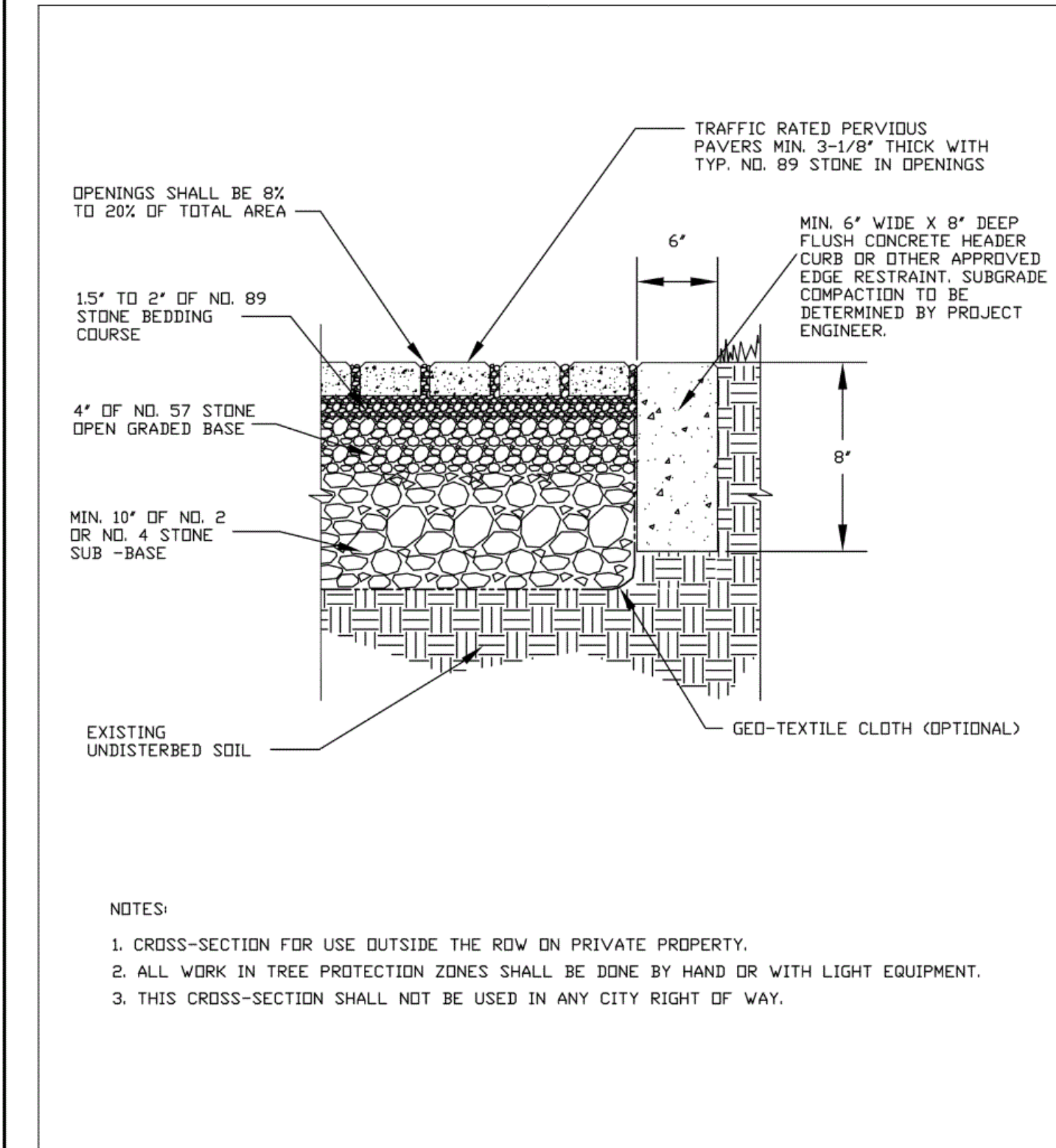
STANDARD CONSTRUCTION DETAILS
DROP INLET FRAME, GRATE AND CURB
SAVANNAH savannahga.gov
SCALE: N.T.S.
DATE: FEBRUARY 2019
PLATE NUMBER: D8A
APPROVED: [Signature] CITY ENGINEER



STANDARD CONSTRUCTION DETAILS
GRATE INLET DETAIL
SAVANNAH savannahga.gov
SCALE: N.T.S.
DATE: FEBRUARY 2019
PLATE NUMBER: D9
APPROVED: [Signature] CITY ENGINEER



STANDARD CONSTRUCTION DETAILS
RECTANGULAR GRATE INLET DETAIL
SAVANNAH savannahga.gov
SCALE: N.T.S.
DATE: FEBRUARY 2019
PLATE NUMBER: D9B
APPROVED: [Signature] CITY ENGINEER



STANDARD CONSTRUCTION DETAILS
PERVIOUS PAVERS FOR PARKING LOTS
SAVANNAH savannahga.gov
SCALE: N.T.S.
DATE: FEBRUARY 2019
PLATE NUMBER: D18
APPROVED: [Signature] CITY ENGINEER

VOL. II SAVANNAH ARTS ACADEMY ADDITION
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GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

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MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

KEY PLAN:

SHEET TITLE:
SITE DETAILS - 3

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JVM
SCALE: AS SHOWN
SHEET: C8.2

STANDARD CONSTRUCTION DETAILS
CURB AND GUTTER DETAILS
 CITY OF SAVANNAH
 SCALE: N.T.S.
 DATE: FEBRUARY 2009
 PLATE NUMBER: P02

STANDARD CONSTRUCTION DETAILS
SIDEWALK AND WALKWAY DETAILS
 CITY OF SAVANNAH
 SCALE: N.T.S.
 DATE: FEBRUARY 2009
 PLATE NUMBER: P03

STANDARD CONSTRUCTION DETAILS
HANDICAP RAMP
 CITY OF SAVANNAH
 SCALE: N.T.S.
 DATE: JANUARY 2009
 PLATE NUMBER: P06

STANDARD CONSTRUCTION DETAILS
GRANITE CURB DETAIL
 CITY OF SAVANNAH
 SCALE: N.T.S.
 DATE: FEBRUARY 2009
 PLATE NUMBER: P10

STANDARD CONSTRUCTION DETAILS
HANDICAP PARKING SIGN DETAIL
 CITY OF SAVANNAH
 SCALE: N.T.S.
 DATE: JANUARY 2009
 PLATE NUMBER: P14

STANDARD CONSTRUCTION DETAILS
ADA HANDICAP PARKING SPACE STRIPING DETAIL
 CITY OF SAVANNAH
 SCALE: N.T.S.
 DATE: FEBRUARY 2009
 PLATE NUMBER: P15

STANDARD CONSTRUCTION DETAILS
SANITARY SERVICE LATERAL
 CITY OF SAVANNAH
 SCALE: N.T.S.
 DATE: JAN 2017
 PLATE NUMBER: S2

STANDARD CONSTRUCTION DETAILS
TREE PROTECTION
 CITY OF SAVANNAH
 SCALE: N.T.S.
 DATE: JULY 2007
 PLATE NUMBER: T2

VOL. II SAVANNAH ARTS ACADEMY ADDITION
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BID NO#: C22-01

CogdelMendralaArchitects
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 517 EAST CONGRESS STREET
 SAVANNAH, GEORGIA 31401
 TEL 912.234.6318
 FAX 912.236.8414
 cogdelmendrala.com

SEAL:

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 40 JOE KENNEDY BLVD.
 STATESBORO, GA 30458

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DULOHERY WEEKS ENGINEERS
 7402 HODGSON MEMORIAL DRIVE,
 SUITE 100
 SAVANNAH, GA 31406

KEY PLAN:

SHEET TITLE:
SITE DETAILS - 4

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JVM
SCALE: AS SHOWN

SHEET: C8.3

NOTES:

- FOUNDATION, BEDDING AND HAUNCHING SHALL BE #57 STONE.
- INITIAL BACKFILL FOR GRAVITY SEWER SHALL BE CLASS II OR BETTER SELECT COMMON FILL.
- INITIAL BACKFILL FOR SANITARY FORCEMAIN SHALL BE CLASS III OR BETTER SELECT COMMON FILL.
- FINAL BACKFILL SHALL BE CLASS III OR BETTER COMMON FILL.
- SEE CITY OF SAVANNAH STANDARD SPECIFICATIONS SECTION 02554 PART 2.11 FOR MORE DETAILS.

STANDARD PIPE BEDDING

STANDARD CONSTRUCTION DETAILS	<p>CITY OF SAVANNAH WATER RESOURCES AND PUBLIC WORKS BUREAU Planning & Engineering</p>	SCALE: N.T.S. DATED: JAN 2017 PLATE NUMBER: S16
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NOTES:

- ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE CITY OF SAVANNAH'S LATEST CONSTRUCTION SPECIFICATIONS AND DETAILS. THE SYSTEM SHALL BE DESIGNED AND TESTED PER THE SPECIFICATIONS AND REQUIREMENTS MAINTAINED BY THE CITY ENGINEER.
- AN APPROVED WATER SUPPLY FOR FIRE PROTECTION, EITHER TEMPORARY OR PERMANENT, SHALL BE MADE AVAILABLE AS SOON AS COMBUSTIBLE MATERIAL ARRIVES ON THE SITE.
- ALL WATER USED FOR CONSTRUCTION SHALL BE METERED THROUGH AN APPROVED BACKFLOW-PREVENTION DEVICE AND FIRE HYDRANT METER OBTAINED FROM THE CONVEYANCE AND DISTRIBUTION DEPARTMENT.
- ALL ABANDONED SANITARY SEWER LINES SHALL BE PLUGGED.
- IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE SEWER LINES ARE PLACED WITHIN THE EASEMENTS WITH A MINIMUM 7'-6" AVAILABLE FROM PIPE CENTERLINE TO EASEMENT LINE.
- CONTACT THE UTILITIES PROTECTION CENTER (811 IN GEORGIA OR 1-800-282-7411) FOR LOCATION OF CITY SEWER LINES A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO DIGGING.
- CONTRACTOR SHALL NOTIFY RESIDENTS A MINIMUM OF 24 HOURS IN ADVANCE OF ANY WORK THAT MAY IMPACT THEM, INCLUDING BUT NOT LIMITED TO: PARKING STALL IMPACT, LOSS OF SERVICE, DRIVEWAY CUTS, REMOVAL/RELOCATION OF FENCES AND MAIL BOXES, SIDEWALK IMPACTS, ETC.

SANITARY SEWER GENERAL NOTES

STANDARD CONSTRUCTION DETAILS	<p>CITY OF SAVANNAH WATER RESOURCES AND PUBLIC WORKS BUREAU Planning & Engineering</p>	SCALE: N.T.S. DATED: JAN 2017 PLATE NUMBER: S17
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NOTES:

- CONCRETE: 28 DAY 3-4500 psi.
- REBAR: ASTM A615 GRADE 60.
- MESH: ASTM A185 GRADE 65.
- DESIGN: ACCESS BUILDING CODE - ASTM C.857 MINIMUM STRUCTURAL DESIGN LOADING FOR UNDERGROUND PRECAST CONCRETE UTILITY STRUCTURES.
- LOADS: H-20 TRUCK WHEEL w/30% IMPACT PER AASHTO.
- FILL w/CLEAN WATER PRIOR TO START UP OF SYSTEM.
- CONTRACTOR TO SUPPLY & INSTALL ALL PIPING AND SANITARY TEES. 2 DOUBLE-SWEEP CLEAN OUTS (FOR CLEANING TOWARD AND AWAY FROM TANK ON BOTH THE INLET AND OUTLET SIDES).
- GREY WATER ONLY, BLACK WATER SHALL BE CARRIED.
- THE LENGTH OF THE TANK SHALL BE ONE AND ONE HALF (1.5) TIMES THE WIDTH.
- IN UNPAVED AREAS, PROPERLY BED AND SET EDGE OF PRECAST CONCRETE COLLAR FLUSH WITH FINISHED GRADE. NO COLLAR IS REQUIRED IN PAVED AREAS. SET CLEANOUT FLUSH WITH PAVEMENT.

GRAVITY GREASE INTERCEPTOR

STANDARD CONSTRUCTION DETAILS	<p>CITY OF SAVANNAH WATER RESOURCES AND PUBLIC WORKS BUREAU Planning & Engineering</p>	SCALE: N.T.S. DATED: JAN 2017 PLATE NUMBER: S26
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VOL. II SAVANNAH ARTS ACADEMY ADDITION

500 WASHINGTON AVENUE
SAVANNAH, GA 31405

GMP CONSTRUCTION DOCUMENTS

FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

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517 EAST CONGRESS STREET
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tel 912.236.6318
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cogdel@mendrala.com

SEAL:

GSWCC LEVEL II
DESIGN PROFESSIONAL
CERT. #0000038107

PROJECT CONSULTANTS:

CIVIL ENGINEER
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40 JOE KENNEDY BLVD.
STATESBORO, GA 30458

STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
400 E. JOHNNY MERCER BOULEVARD
SAVANNAH, GA 31410

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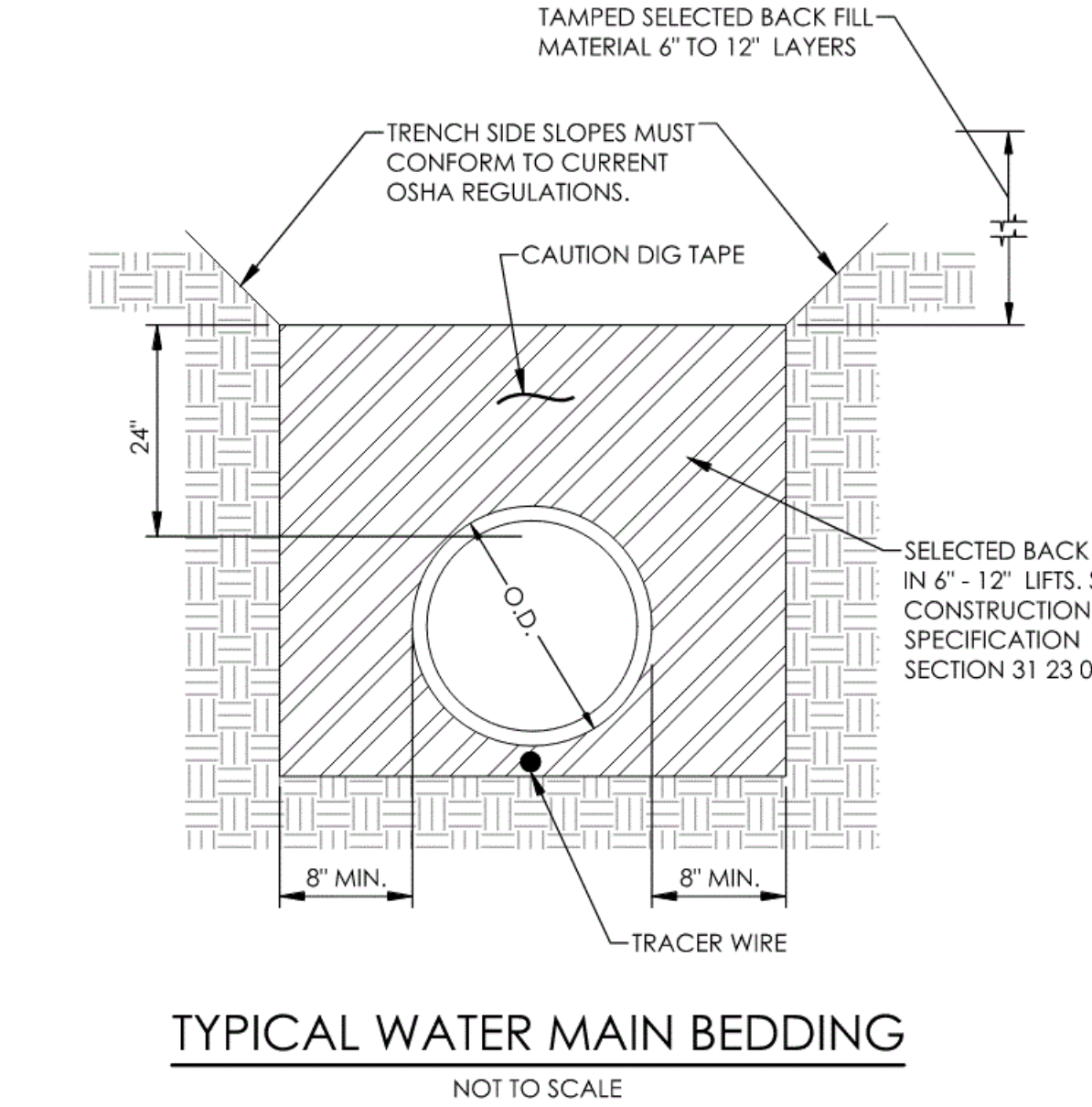
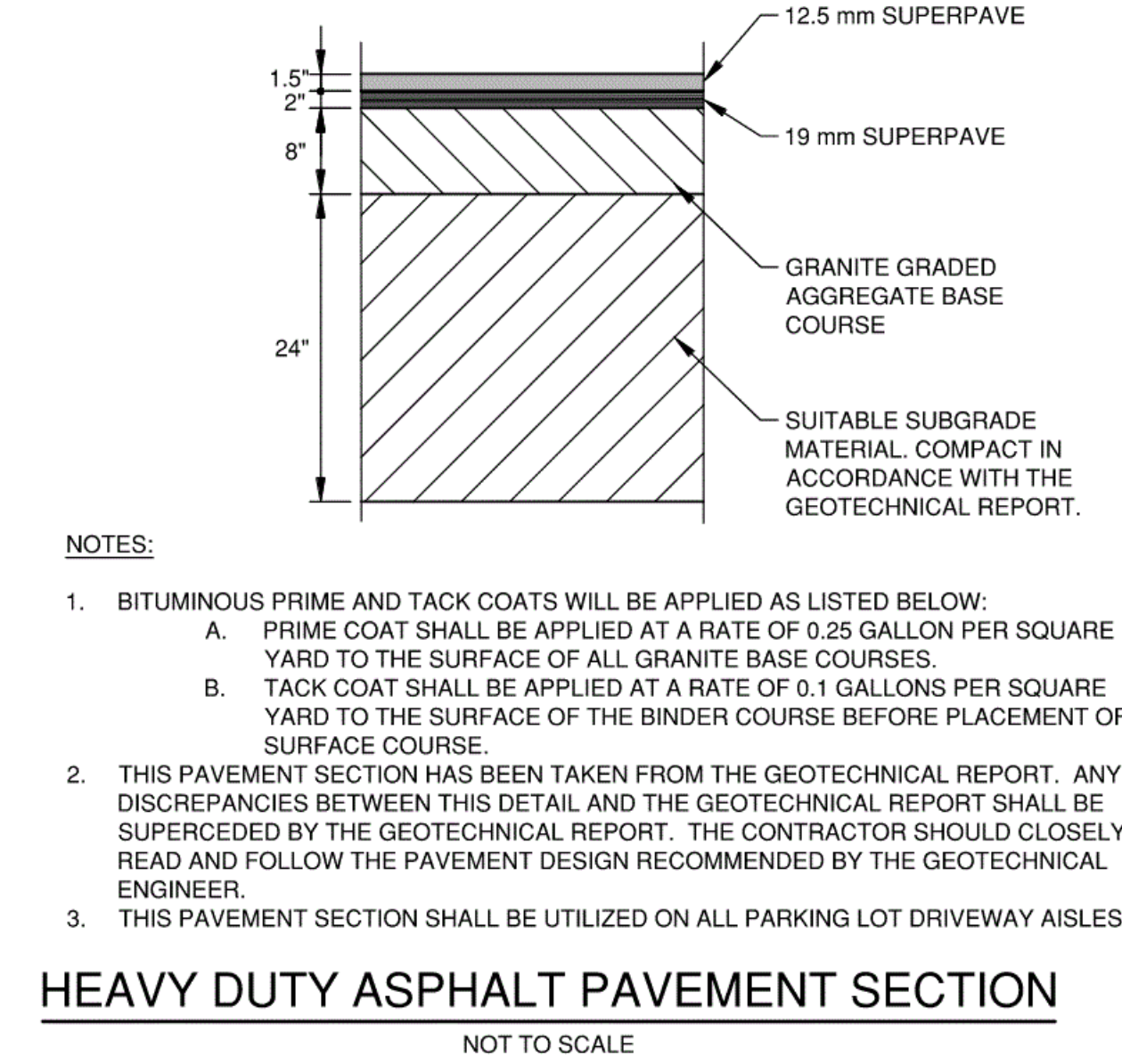
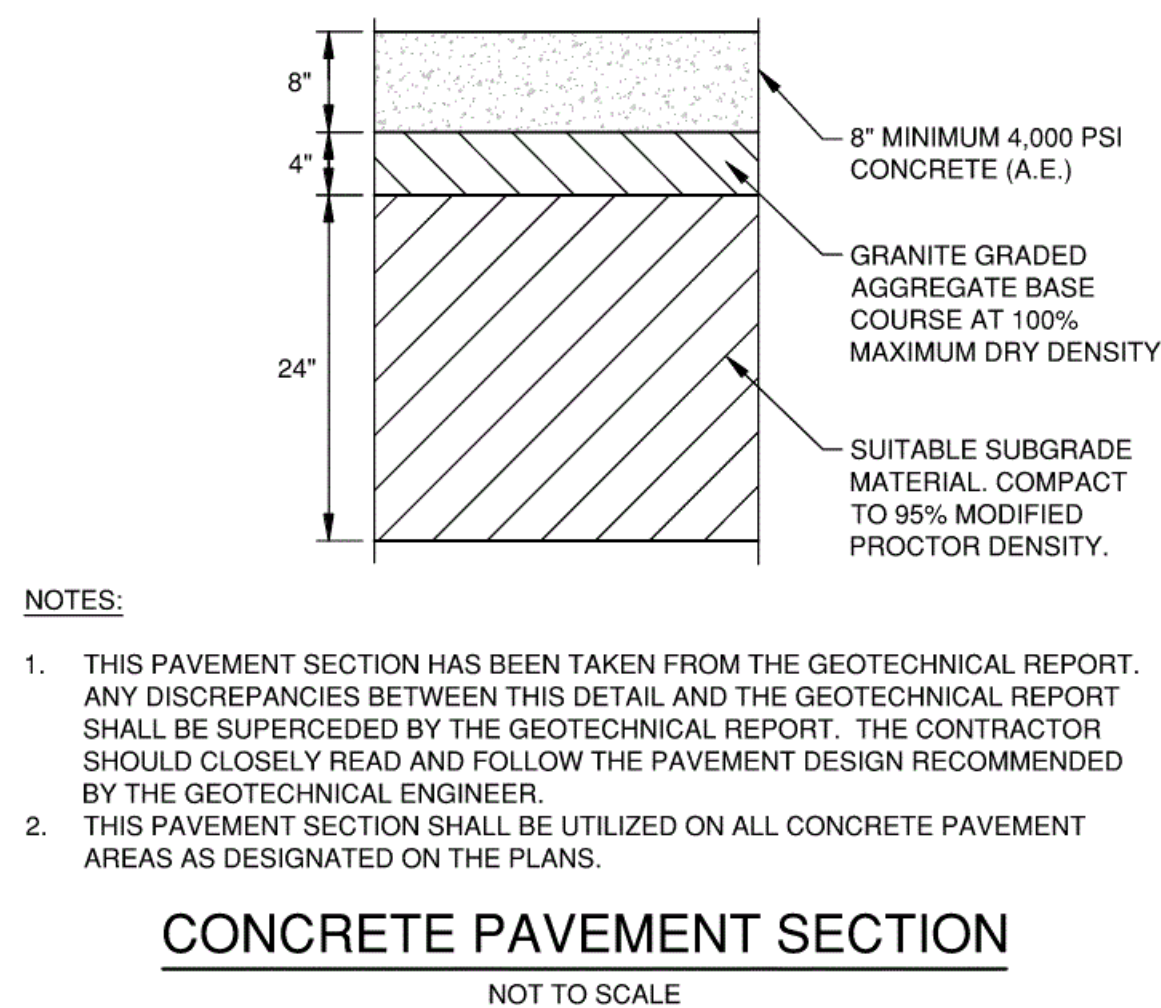
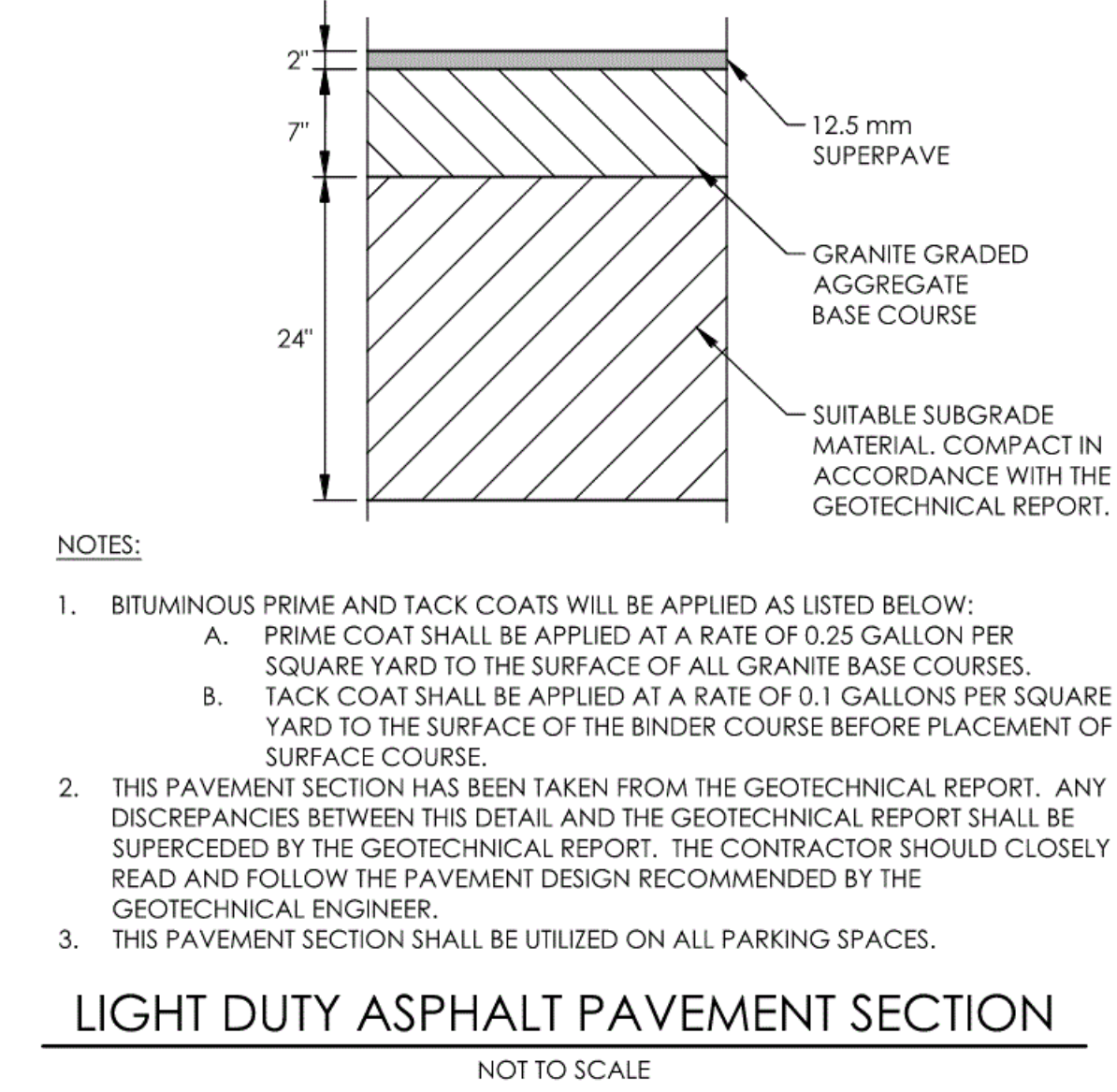
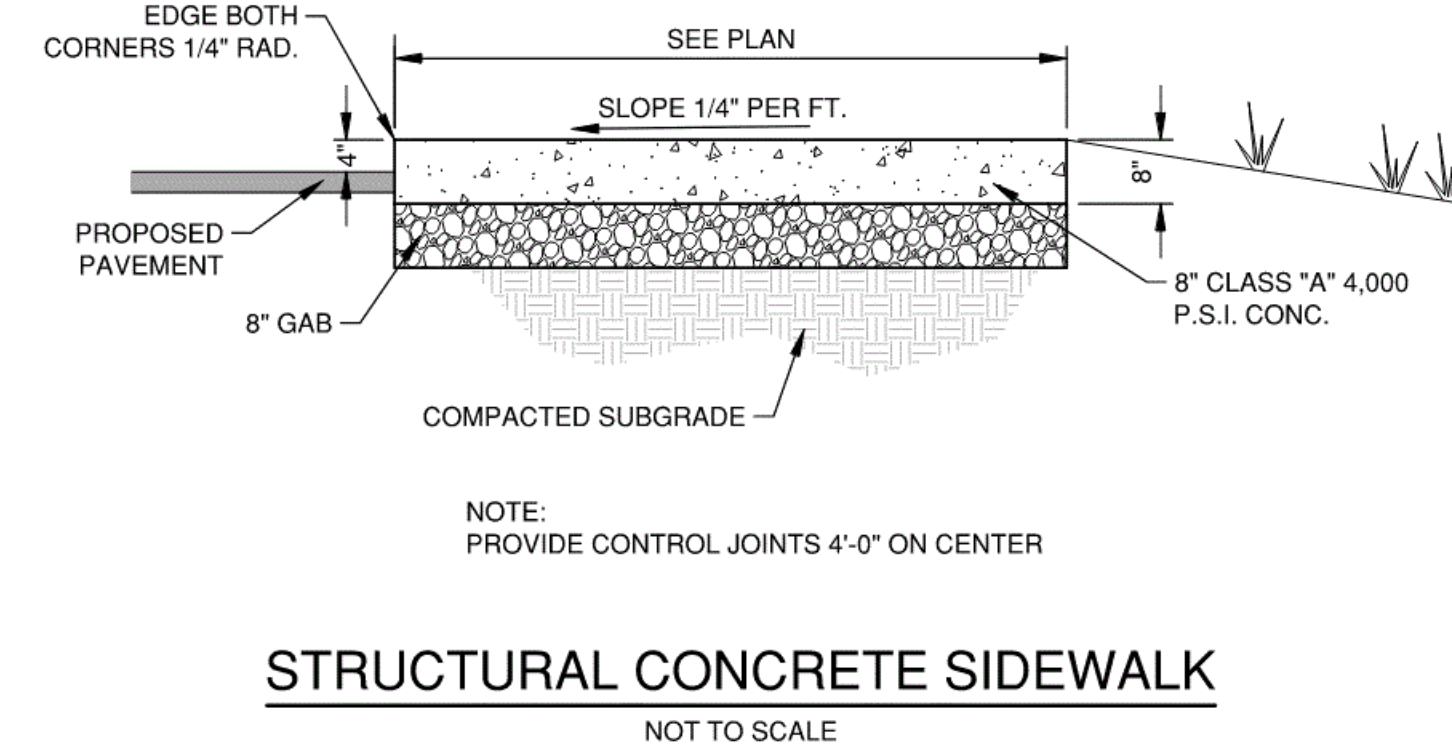
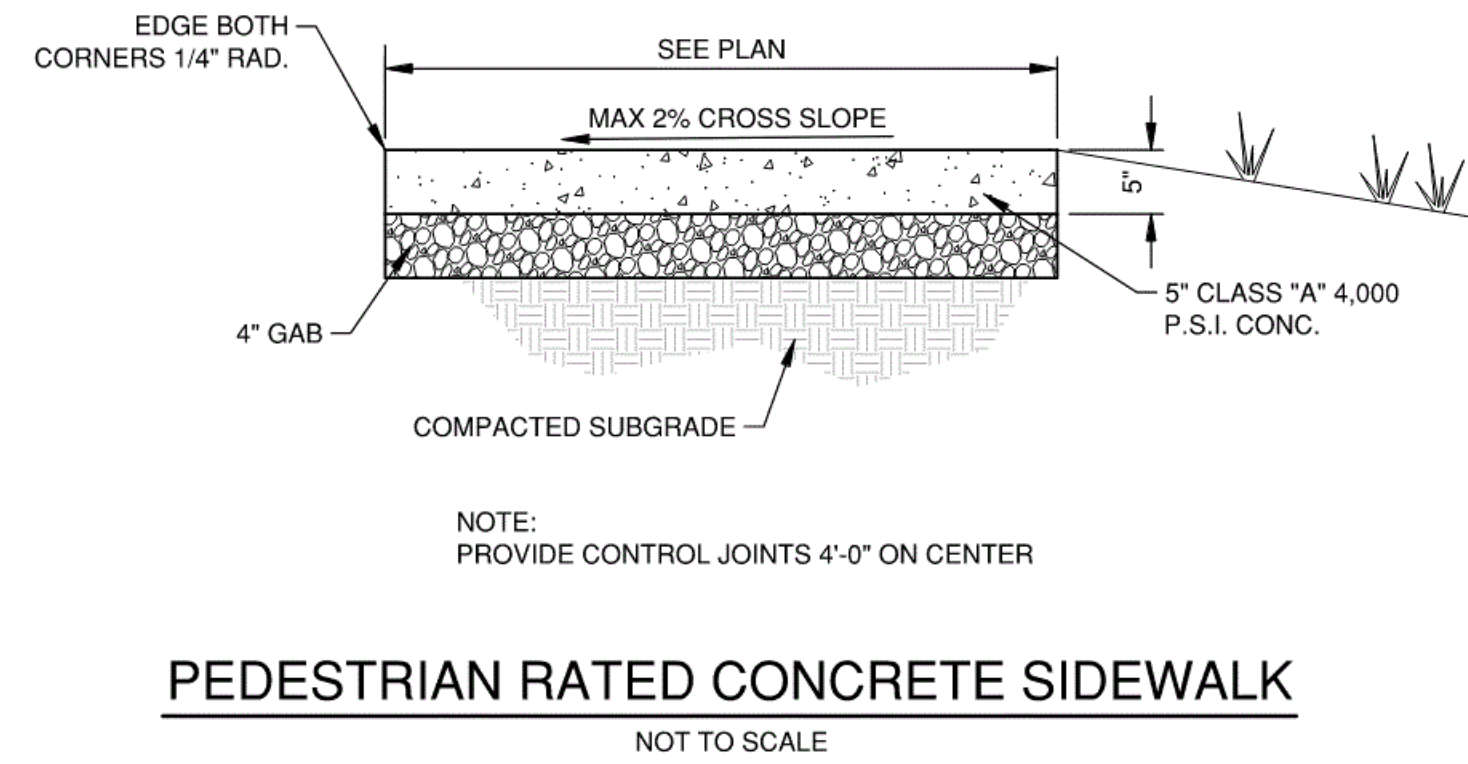
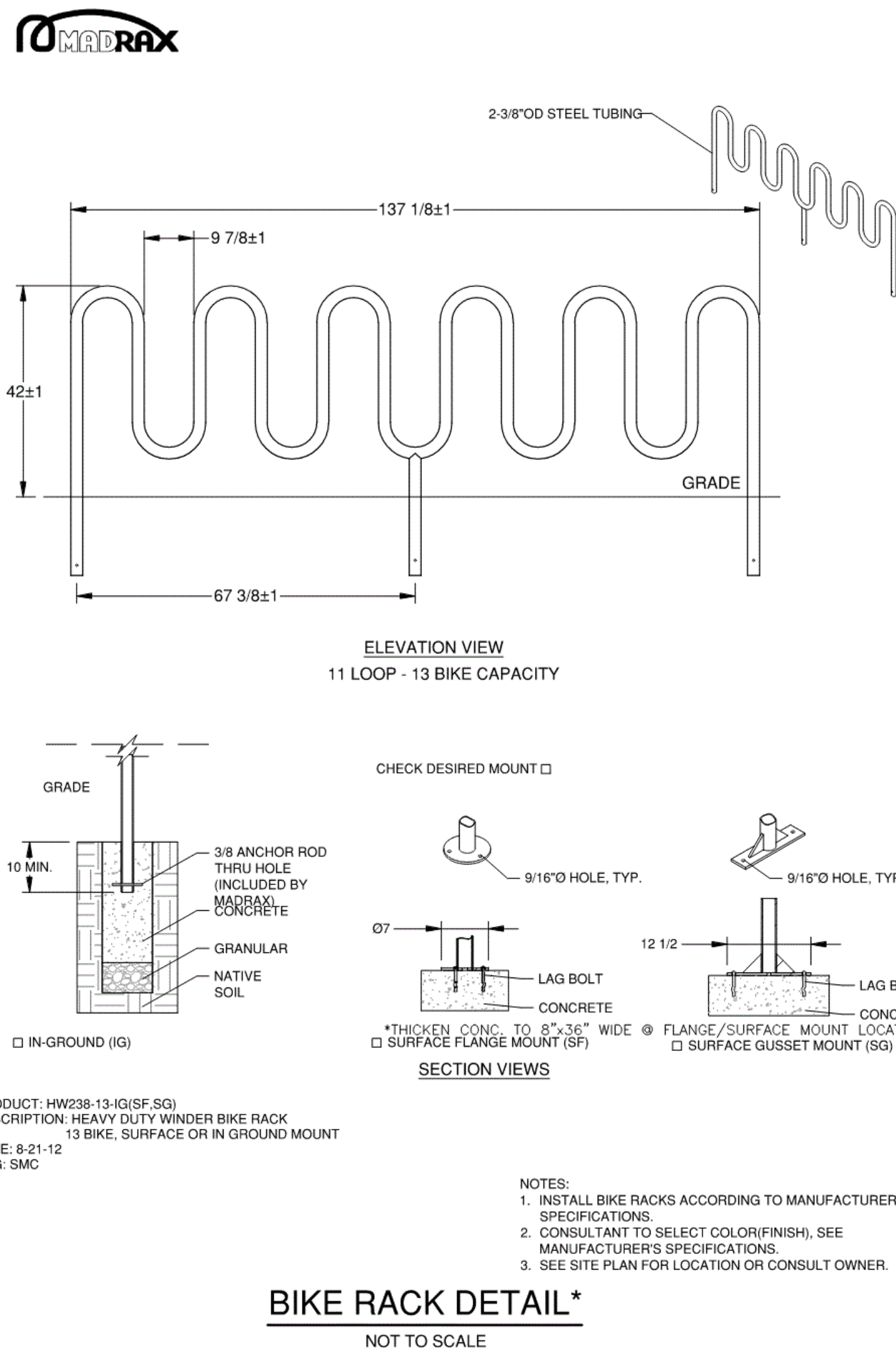
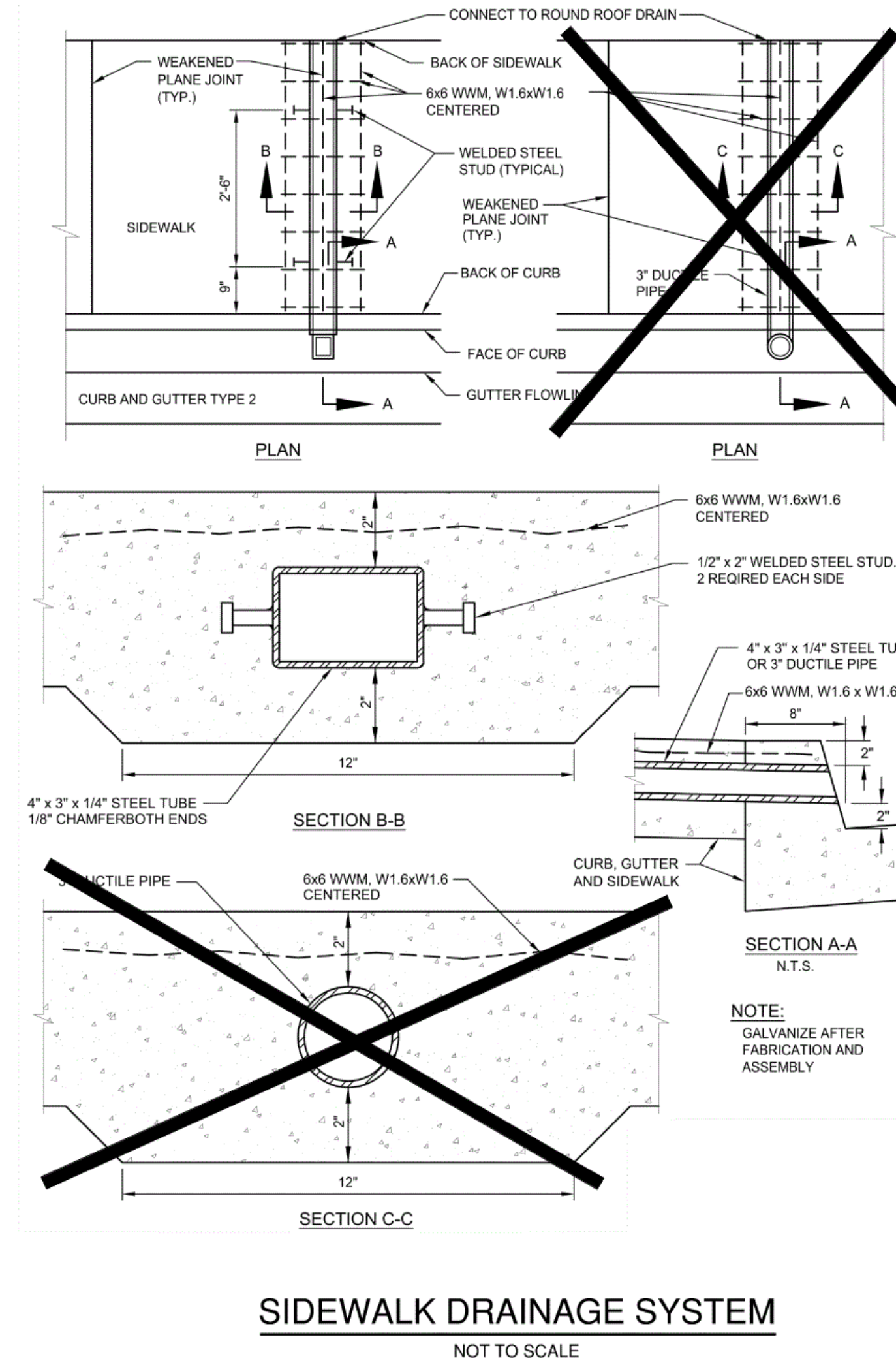
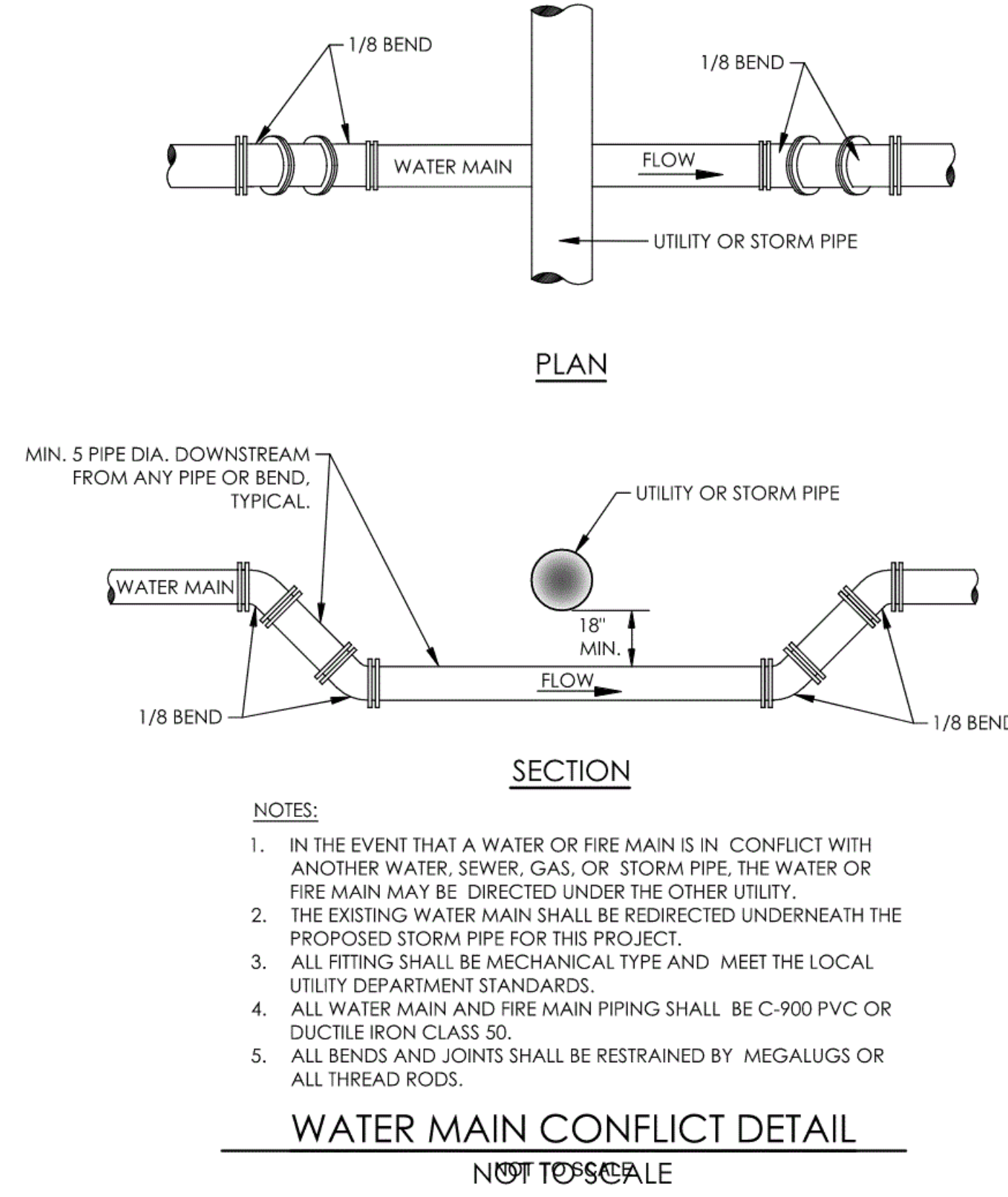
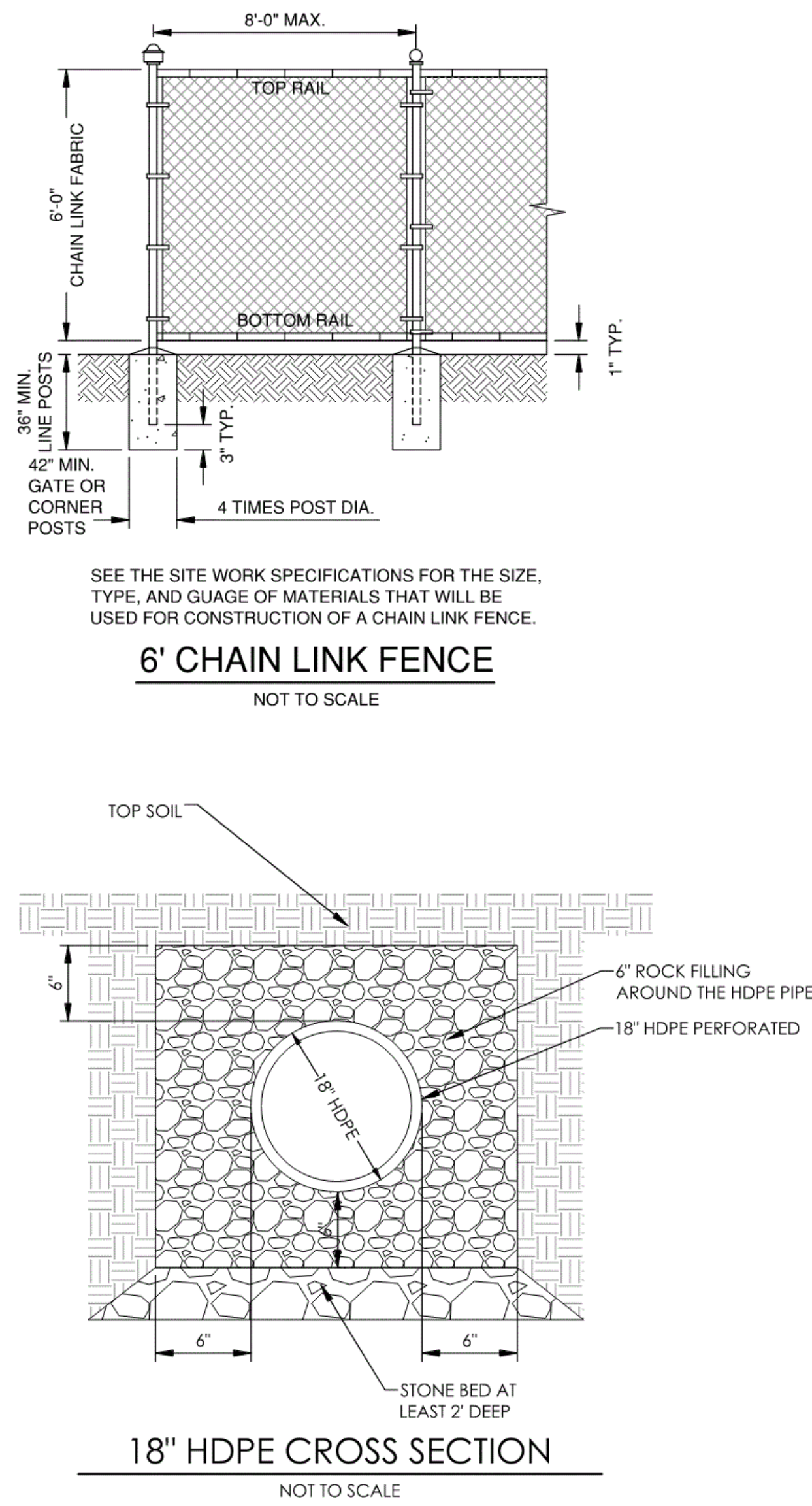
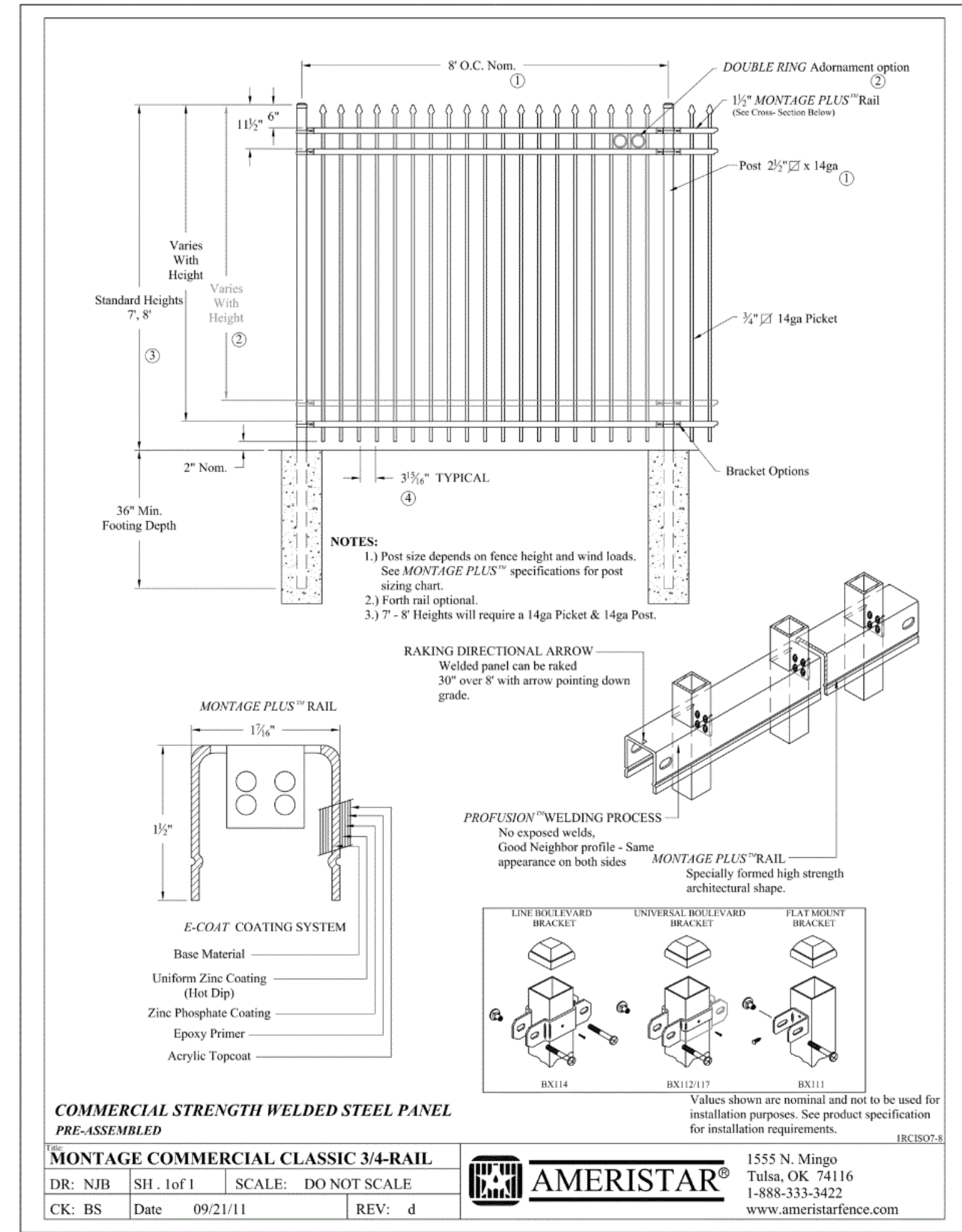
KEY PLAN:

SHEET TITLE:
SITE DETAILS - 5

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JWM
SCALE: AS SHOWN

SHEET: **C8.4**

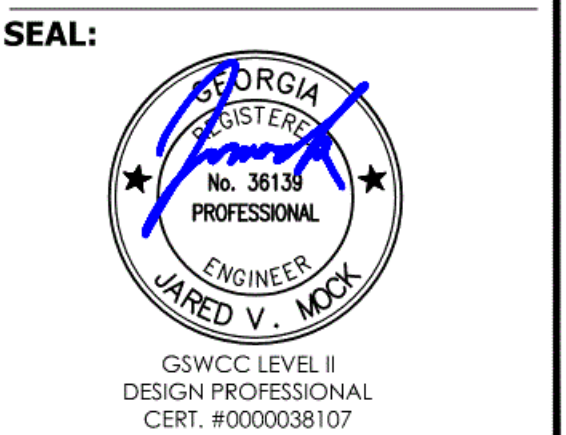


VOL. II SAVANNAH ARTS ACADEMY ADDITION
500 WASHINGTON AVENUE
SAVANNAH, GA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

CogdellMendralaArchitects
COGDELL & MENDRALA ARCHITECTS, PC
517 EAST CONGRESS STREET
SAVANNAH, GEORGIA 31401
tel 912.234.6318
fax 912.236.8414
cogdellmendrala.com



PROJECT CONSULTANTS:

CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
40 JOE KENNEDY BLVD.
STATESBORO, GA 30458

STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
400 E. JOHNNY MERCER BOULEVARD
SAVANNAH, GA 31410

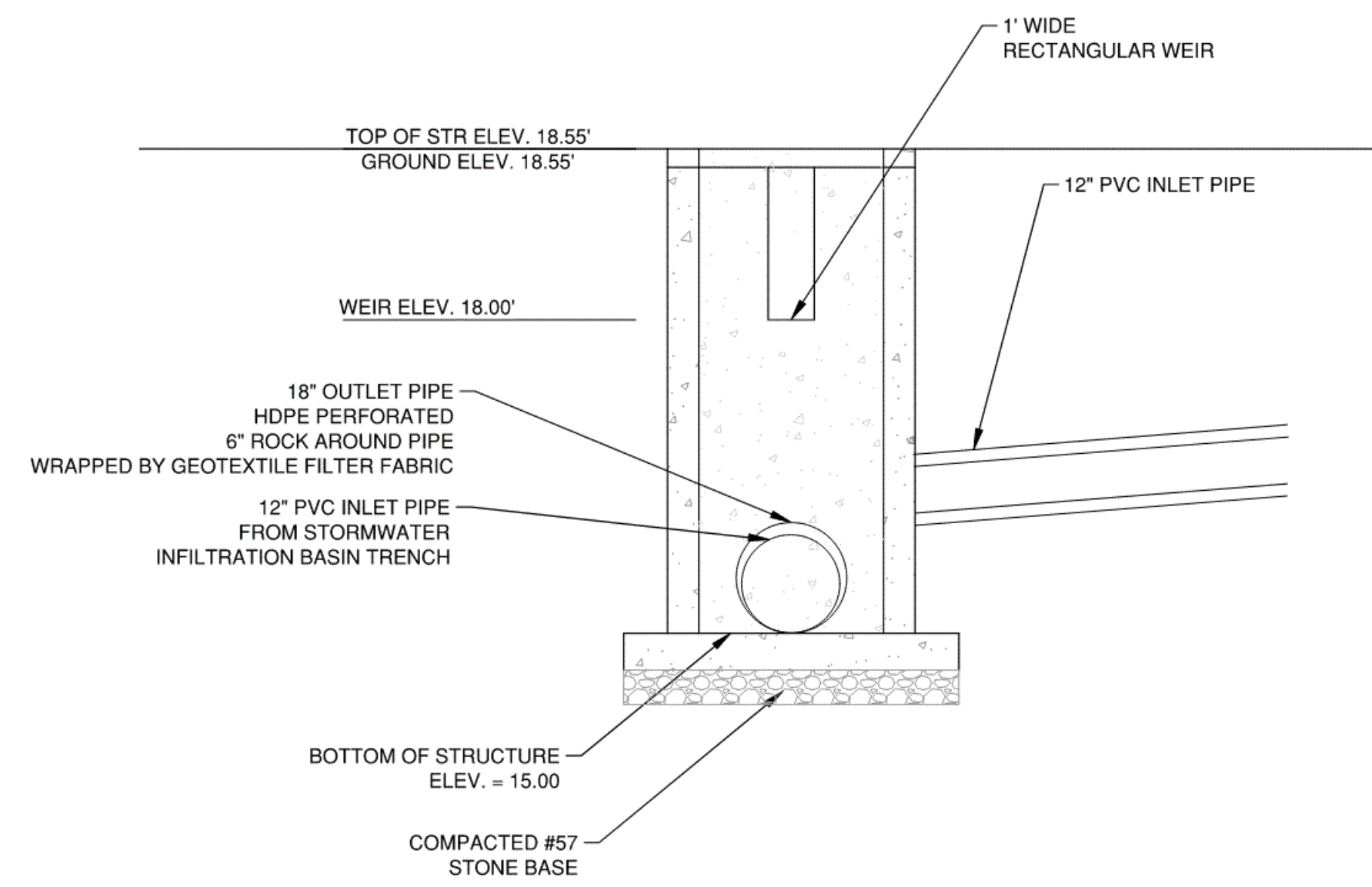
MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

KEY PLAN:

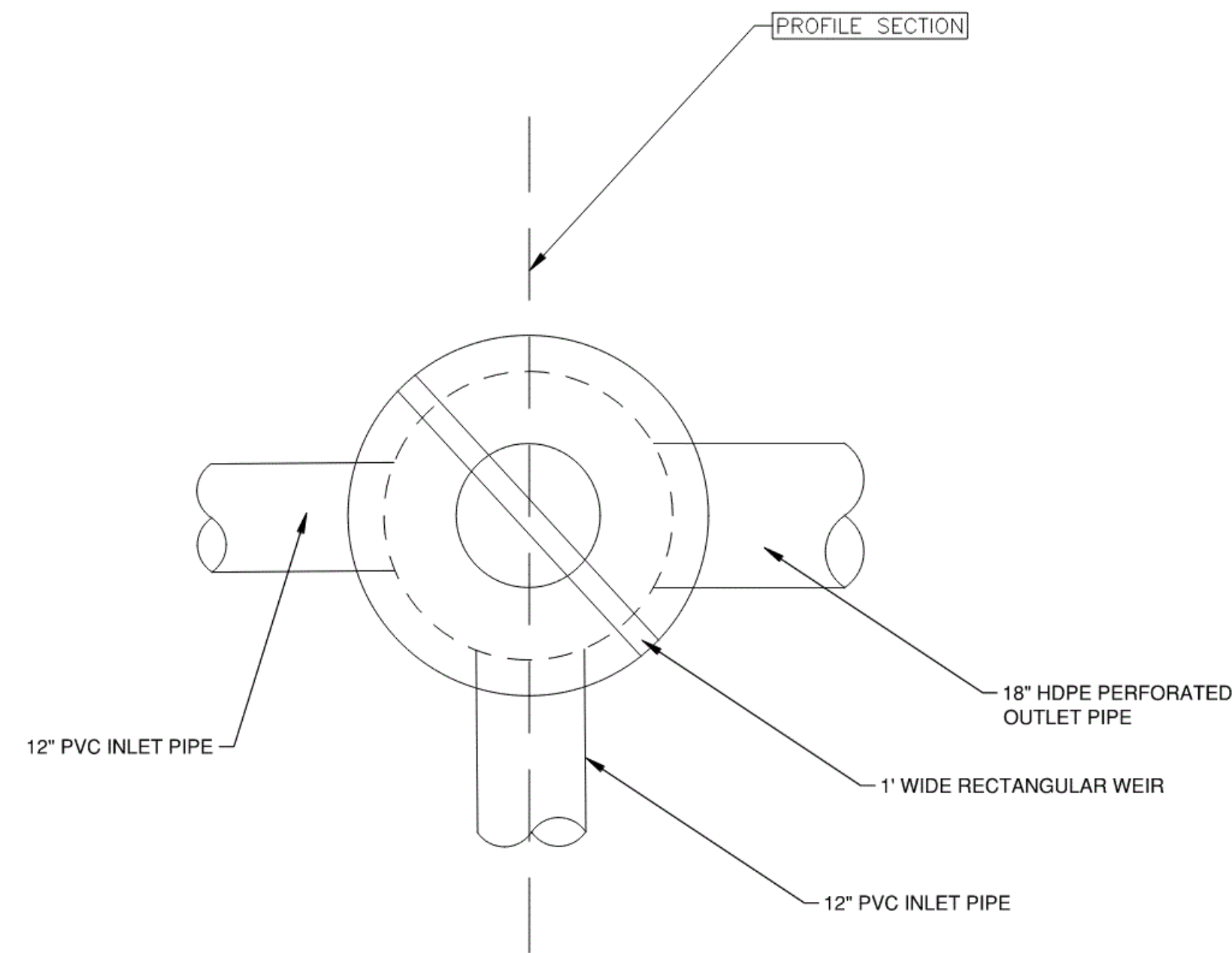
SHEET TITLE:
SITE DETAILS - 6

REVISION SCHEDULE	
DATE	DESCRIPTION

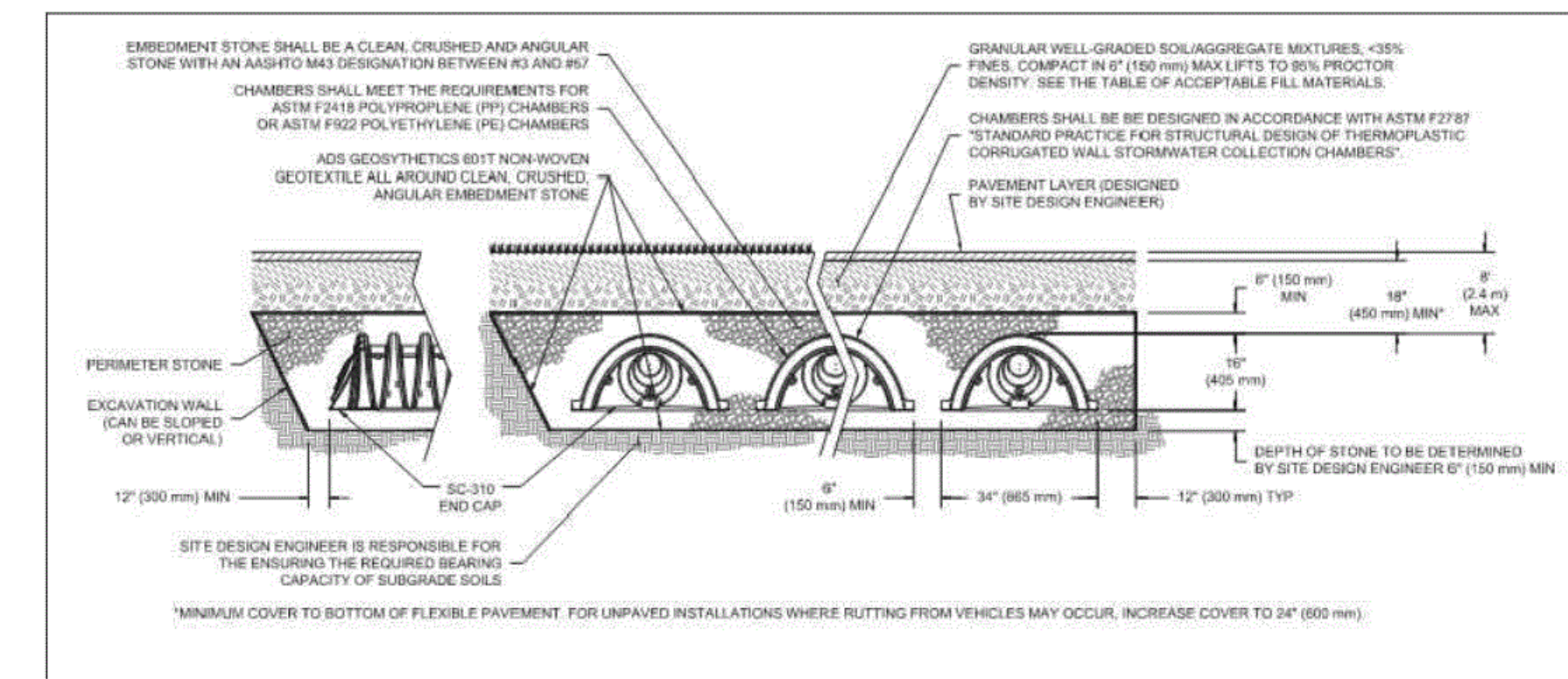
PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JVM
SCALE: AS SHOWN
SHEET: C8.5



CROSS SECTION OF STM STR 8.3
NOT TO SCALE

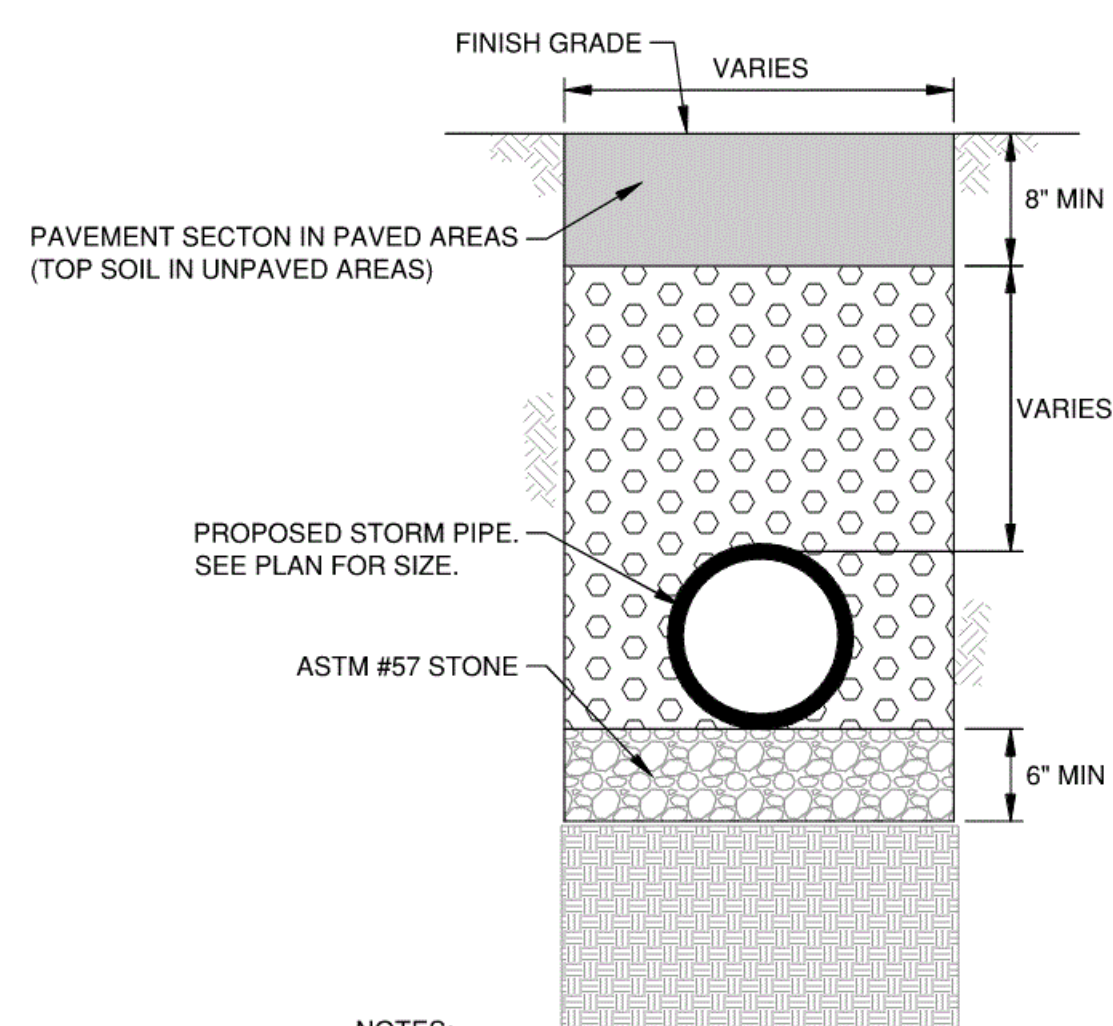


OVERHEAD VIEW OF STM STR 8.3
NOT TO SCALE

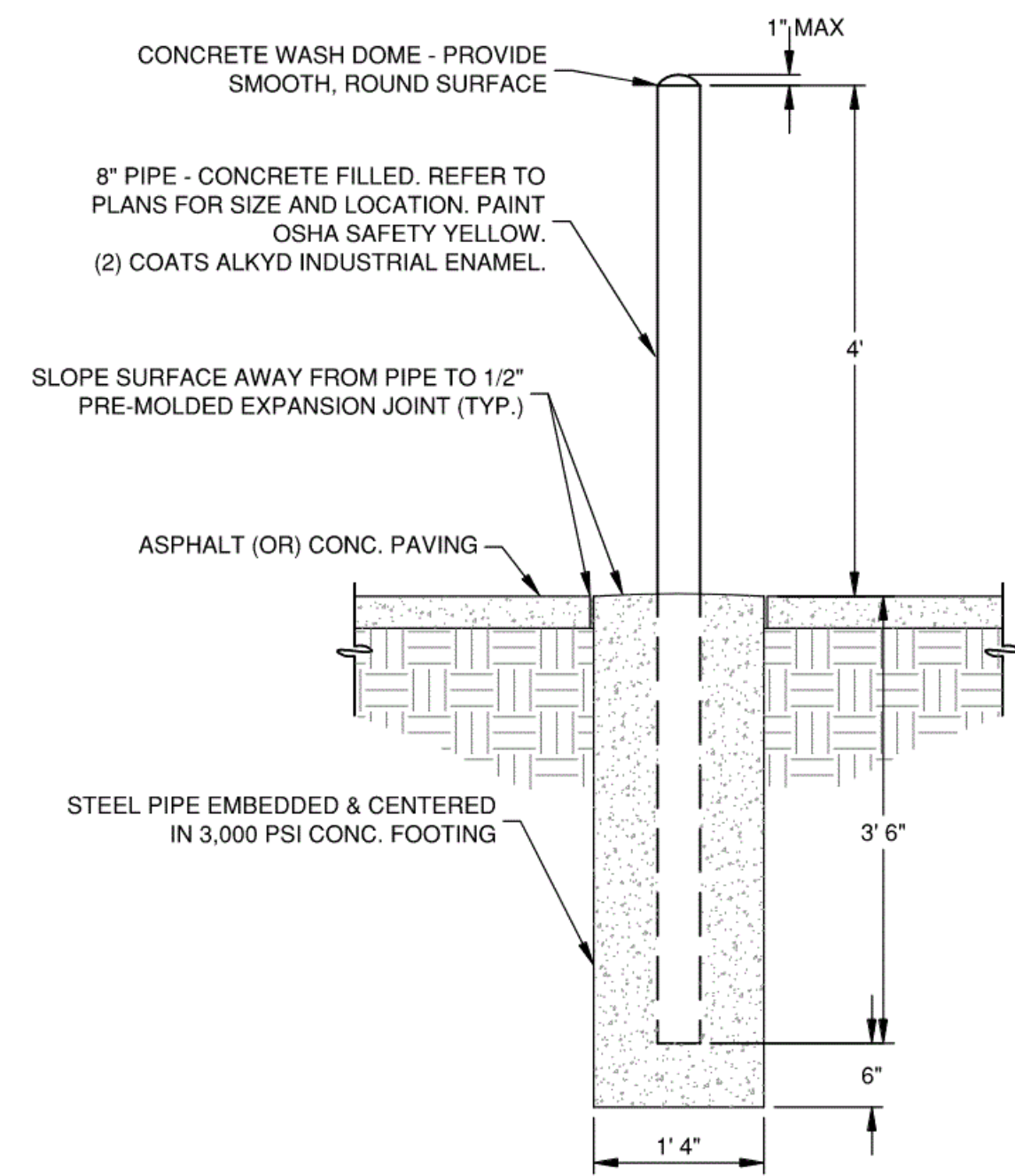


STORMTECH CHAMBER DETAIL MODEL SC-310*

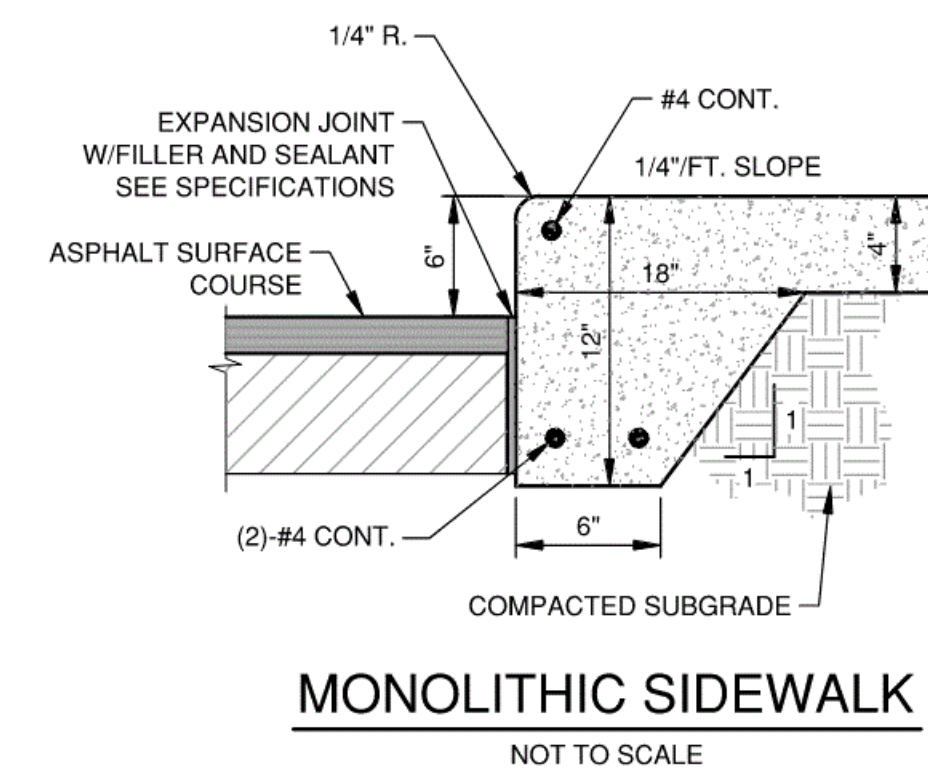
*CHAMBER SYSTEM AS SHOWN ABOVE OR ONE OF THE FOLLOWING COMPARABLE PRODUCTS:
 -TRITON INFILTRATION CHAMBER M6 (17.5 INCH TALL CHAMBER);
 -CULTECH RECHARGER 150XLHD (18.5 INCH TALL CHAMBER).



TYPICAL STORM PIPE BEDDING AND BACKFILL
NOT TO SCALE



TYPICAL BOLLARD DETAIL
NOT TO SCALE

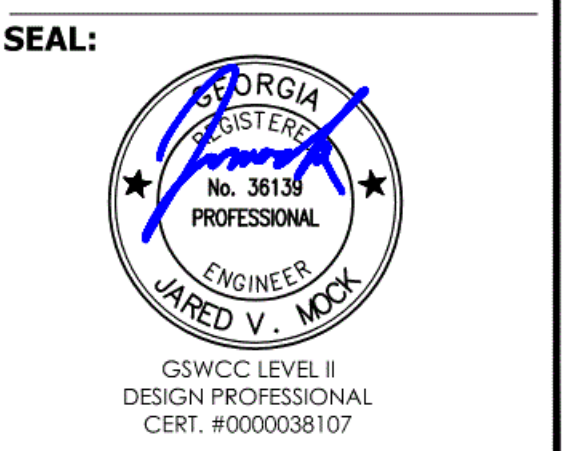


MONOLITHIC SIDEWALK
NOT TO SCALE



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

CogdelMendralaArchitects
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 517 EAST CONGRESS STREET
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 cogdel@mendrala.com




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 SAVANNAH, GA 31410
MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
 7402 HODGSON MEMORIAL DRIVE,
 SUITE 100
 SAVANNAH, GA 31406

KEY PLAN:

SHEET TITLE:
SITE DETAILS - 7

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JVM
SCALE: AS SHOWN
SHEET: **C8.6**



**MAXWELL-REDDICK
AND ASSOCIATES**

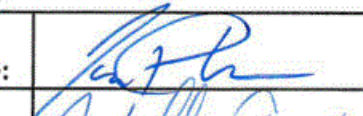
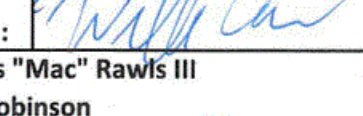
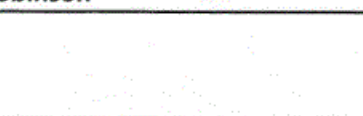
40 Joe Kennedy Blvd
Statesboro, GA 30458
Office: (912) 489-7112
Fax: (912) 208-3530

Date of Test: 25-Jun
Time of Test: 12:57 PM

Fire Hydrant Summary Spreadsheet

Name: Savannah Arts Academy
Location: 500 Washington Avenue Savannah, GA

Hydrant Number	Time of Day	Static Pressure	Dynamic Pressure	Test Gauge Diameter	Flow (GPM)	GPS Location	Comments
1	12:57	-	50	2.5"	1,190	32.045240, -81.092821	Dynamic Pressure Test (Flow Hydrant)
2	12:57	62	56	2.5"	-	32.045530, -81.093906	Static Pressure Test
3	1:08	-	53	2.5"	1,220	32.046958, -81.092841	Dynamic Pressure Test (Flow Hydrant)
4	1:08	61	58	2.5"	-	32.046612, -81.091486	Static Pressure Test
5				2.5"			Dynamic Pressure Test (Flow Hydrant)
6				2.5"			Static Pressure Test
7				2.5"			Dynamic Pressure Test (Flow Hydrant)
8				2.5"			Static Pressure Test
9				2.5"			Dynamic Pressure Test (Flow Hydrant)
10				2.5"			Static Pressure Test
11				2.5"			Dynamic Pressure Test (Flow Hydrant)
12				2.5"			Static Pressure Test

Tester Name:	Quincy Plummer	Tester Signature:	
Tester Name:	William Cone	Tester Signature:	
City of Savannah Water Department Witness:	Columbus "Mac" Rawls III	Witness Signature:	

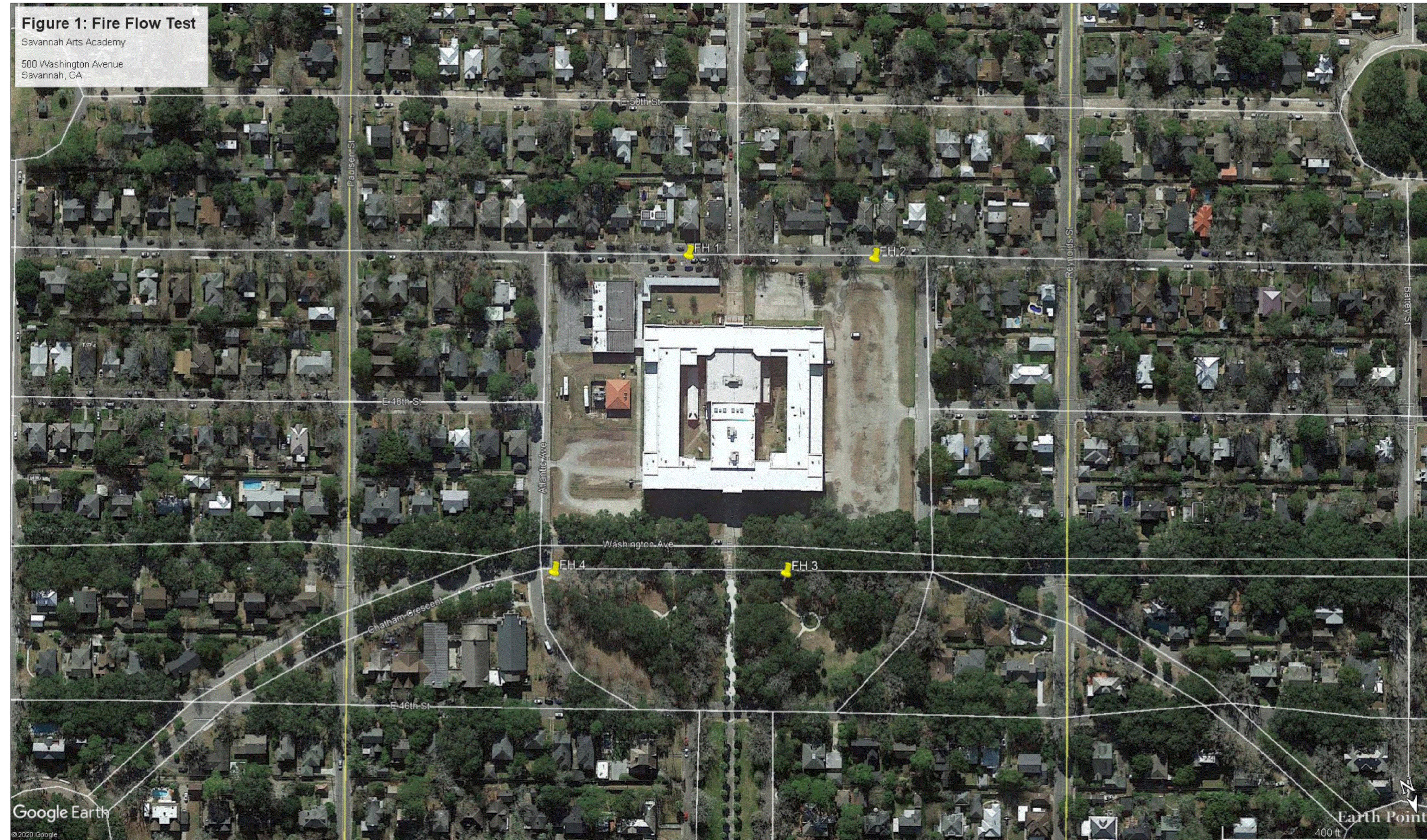


Figure 1: Fire Flow Test
Savannah Arts Academy
500 Washington Avenue
Savannah, GA

FIRE FLOW TEST DATA
NOT TO SCALE

**VOL. II SAVANNAH ARTS
ACADEMY ADDITION**
500 WASHINGTON AVENUE
SAVANNAH, GA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
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SUITE 100
SAVANNAH, GA 31406

KEY PLAN:

SHEET TITLE:
SITE DETAILS - 8

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JVM
SCALE: AS SHOWN
SHEET: **C8.7**

PLANT SCHEDULE*

BASE BID PATIO AND PARKING LOT

REQUIRED TREE AND LANDSCAPE QUALITY POINTS

1600 X 1.5 TOTAL SITE AREA = 2,400 REQUIRED TREE QUALITY POINTS
 400 X 1.5 TOTAL SITE AREA = 600 REQUIRED LANDSCAPE QUALITY POINTS
 1200 X 4 PARKING AREAS = 480 PARKING AREA TREE QUALITY POINTS

SYM	SCIENTIFIC	COMMON	QTY	SIZE	SPACING	NOTES	TQP	LQP
QV	Quercus virginiana	Live Oak	4	2.5" Caliper/12' Min.	as shown		360	
TD	Taxodium distichum	Bald Cypress	2	2.5" Caliper/12' Min.	as shown		180	
AR	Acer rubrum	Red Maple	1	2.5" Caliper/12' Min.	as shown		90	
CC	Cercis canadensis	Eastern Red Bud	4	1.5" Caliper/8' Height	as shown	Specimen Quality - vase shape	40	
LI	Lagettaea indica x fauriei 'Tuscarora'	Tuscarora Grape Myrtle - Standard	2	1.5" Caliper/10' Height	as shown	Specimen Quality - Single Trunk	20	
IV	Ilex vomitoria 'Nana'	Dwarf Yaupon Holly	26	1.5" Caliper/8' Height	as shown		26	
VS	Viburnum suspensum	Sandankwa Viburnum	77	3 Gallon	as shown		385	
PT	Pittosporum tobira 'variegatum'	Variegated Japanese Pittosporum	20	3 Gallon	as shown		100	
SB	Spartina bakeri	Sand Cord Grass	30	1 Gallon	as shown		30	
LM	Ligustrum lucidum 'Super Blue'	Super Blue Ligustrum	116	1 Gallon	as shown		116	

GROUND COVER/ANNUALS AREAS (300 sq. ft. location shown on plan): Plant selection (by owner) to be submitted to landscape architect for approval.

GRASSING Sod to be established to match existing grass on site for all un-planted disturbed areas unless area is labeled 'mulch'.

EXISTING TREE/LANDSCAPE QUALITY POINTS

TREE NUMBER	SPECIES	SIZE (DBH)**	% OF CANOPY ON SITE	POINTS
1	LIVE OAK	25	0.5	468.75
2	LIVE OAK	29	0.5	630.75
3	LIVE OAK	44	0.3	871.2
TOTAL				1970.7

ADDITIVE ALTERNATE PARKING LOT

REQUIRED TREE AND LANDSCAPE QUALITY POINTS

1600 X 1.8 TOTAL SITE AREA = 2,880 REQUIRED TREE QUALITY POINTS
 400 X 1.8 TOTAL SITE AREA = 720 REQUIRED LANDSCAPE QUALITY POINTS
 1200 X 1.2 PARKING AREAS = 1,440 PARKING TREE QUALITY POINTS

SYM	SCIENTIFIC	COMMON	QTY	SIZE	SPACING	NOTES	TQP	LQP
QV	Quercus virginiana	Live Oak	4	2.5" Caliper/12' Min.	as shown		360	
TD	Taxodium distichum	Bald Cypress	8	2.5" Caliper/12' Min.	as shown		720	
AR	Acer rubrum	Red Maple	5	2.5" Caliper/12' Min.	as shown		450	
LI	Lagettaea indica x fauriei 'Tuscarora'	Tuscarora Grape Myrtle - Standard	5	1.5" Caliper/10' Height	as shown	Specimen Quality - Single Trunk	50	
IC	Ilex cassine	Common Holly	4	1.5" Caliper/8' Height	as shown		40	
VS	Viburnum suspensum	Sandankwa Viburnum	147	3 Gallon	as shown		735	
IV	Ilex vomitoria 'Nana'	Dwarf Yaupon Holly	53	1 Gallon	as shown		53	
SB	Spartina bakeri	Sand Cord Grass	168	1 Gallon	as shown		168	

GRASSING Sod to be established to match existing grass on site for all un-planted disturbed areas unless area is labeled 'mulch'.

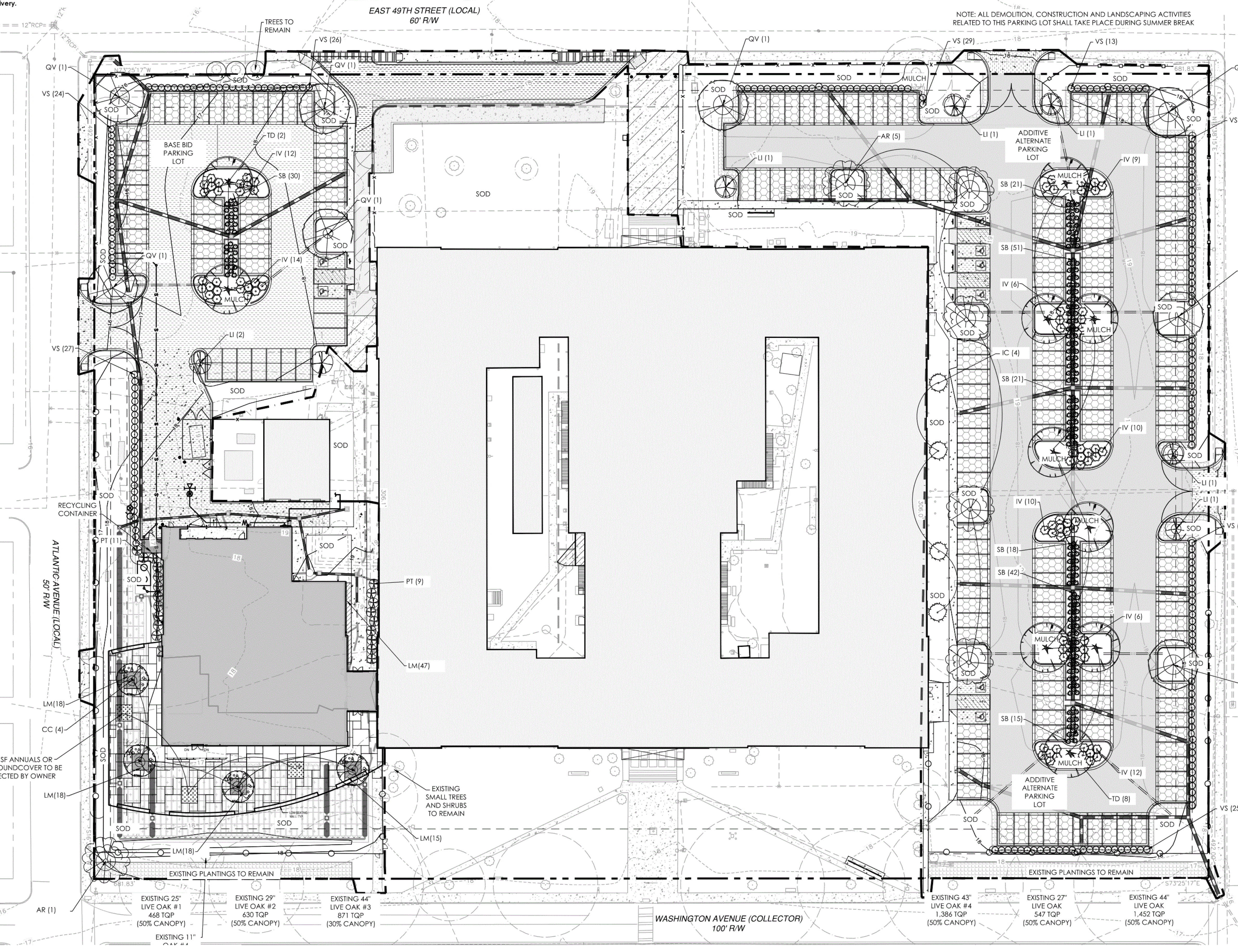
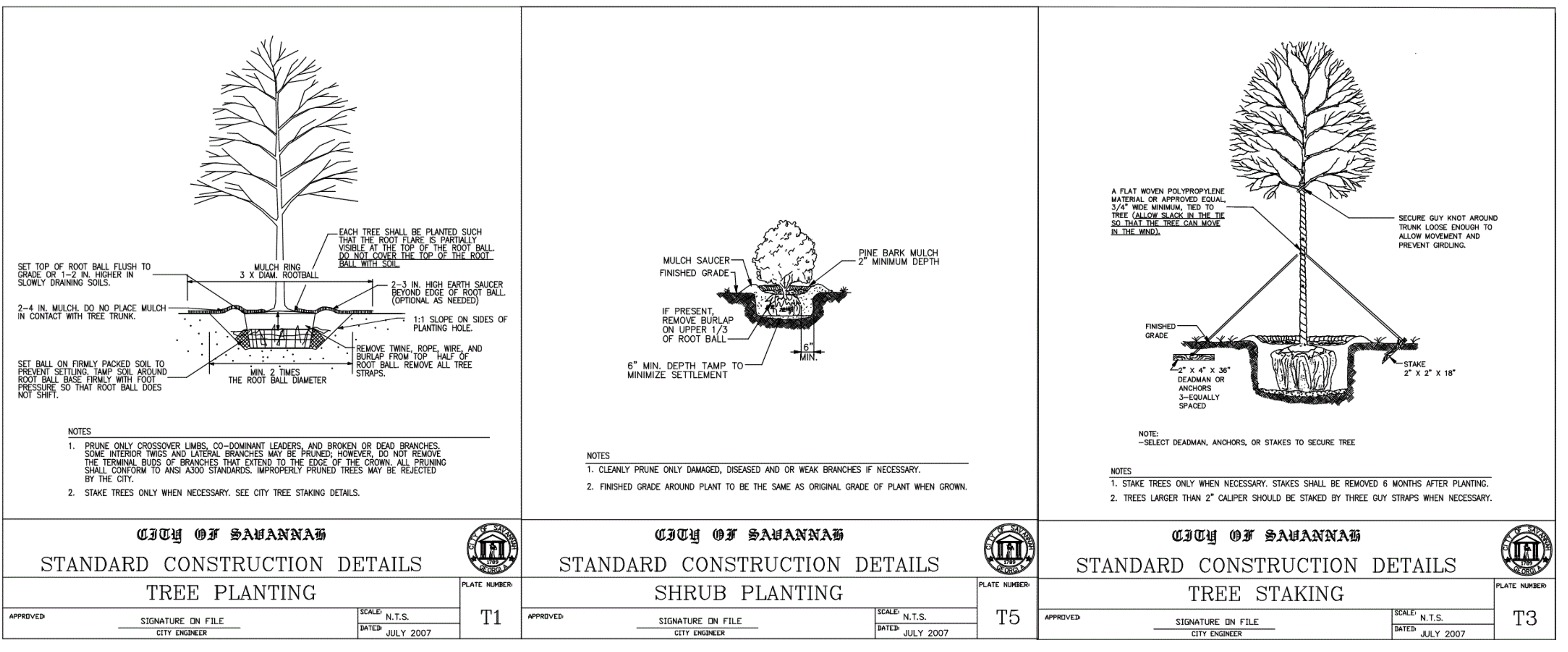
EXISTING TREE/LANDSCAPE QUALITY POINTS

TREE NUMBER	SPECIES	SIZE (DBH)**	% OF CANOPY ON SITE	POINTS
5	LIVE OAK	43	0.5	1386.75
6	LIVE OAK	27	0.5	546.75
7	LIVE OAK	44	0.5	1452
TOTAL				3385.5

*Photographic submittals are to be provided to the landscape architect of all trees, shrubs and groundcover at the nursery prior to purchase or delivery.

PLANTING NOTES

- CONTRACTOR SHALL BE KNOWLEDGEABLE OF ALL OTHER SITE IMPROVEMENTS PRIOR TO STARTING LANDSCAPE WORK AND SHALL PROMPTLY REPORT ANY DISCREPANCIES.
- CONTRACTOR SHALL USE CAUTION WHILE EXCAVATING TO AVOID DISTURBING ANY EXISTING UTILITIES. IF ANY ARE ENCOUNTERED, CONTRACTOR IS TO PROMPTLY ADVISE THE GENERAL CONTRACTOR, LANDSCAPE ARCHITECT, AND OWNER.
- GENERAL SITE CONTRACTOR SHALL PROVIDE SUBGRADE TO WITHIN +/- OF FINISH GRADE.
- LANDSCAPE CONTRACTORS ARE REQUIRED TO ATTEND A PRE-PLANTING MEETING WITH THE CITY OF SAVANNAH'S PARK AND TREE DEPARTMENT PRIOR TO THE START OF THE PROJECT. PLEASE CONTACT THE PARK AND TREE DEPARTMENT AT (912) 651-6816 TO SET UP THE MEETING.
- ALL PLANTING SHALL ADHERE TO THE STANDARDS AS SPECIFIED IN:
 - THE LANDSCAPE AND TREE ORDINANCE OF THE CITY OF SAVANNAH.
 - THE LANDSCAPE AND TREE ORNAMENT COMPLIANCE MANUAL OF THE CITY OF SAVANNAH.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL TREES, SHRUBS, GROUND COVER, VINES, AND SOD AS SHOWN ON LANDSCAPE PLAN. ALL PLANT MATERIALS SHALL CONFORM TO THE STANDARDS SET FORTH IN THE CURRENT EDITION OF "AMERICAN STANDARD FOR NURSERY STOCK", PUBLISHED BY THE ASSOCIATION OF NURSERMEN, 1250 17TH STREET, N.W., SUITE 500, WASHINGTON, D.C. 20005, (202) 739-2900.
- ALL PLANT MATERIAL SHALL HAVE A ONE-YEAR WARRANTY UPON ACCEPTANCE BY THE OWNER.
- PLANTS SHALL BE TYPICAL OF THE AREA, AND HAVE A NORMAL WELL-DEVELOPED BRANCHING STRUCTURE AND A VIGOROUS FIBROUS ROOT SYSTEM. PLANTS SHALL BE HEALTHY, VIGOROUS, AND FREE FROM INSECTS AND DISEASE. TREE TRUNKS SHALL BE STRAIGHT AND EXHIBIT GOOD TRUNK TAPER WITH LIMBS NOT LOWER THAN FOUR FEET ABOVE THE GROUND. BRANCHES, TRUNKS AND STEMS SHALL BE FIRM WITH NO INDICATION OF FUNGAL CANKERS, GALLS, INSECT BORERS, DIE BACK, FROST CRACKS, SUN SCALD, OR OTHER DEFECTS THAT WOULD CAUSE THE TREE TO DECLINE OR BECOME STRUCTURALLY UNSOUND. TREES SHALL BE DENSELY FOLIATED WHEN IN LEAF.
- ALL PLANTS SHALL BE COMMERCIAL GROWN UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE OF CHATHAM COUNTY (U.S. PLANT ZONE 8).
- ALL PLANTS SHALL BE EQUAL OR EXCEED THE MINIMUM SIZE AS SHOWN IN THE PLANT LIST, AND ALL METHODS OF PLANT MEASUREMENT SHALL CONFORM TO THE "AMERICAN STANDARD FOR NURSERY STOCK".
- CALIPER OF MULTITRUNK TREES SHALL BE DETERMINED BY MEASURING THE LARGEST TRUNK ONLY.
- PLANTS SHALL BE SUBJECT TO INSPECTION FOR CONFORMANCE TO SPECIFICATIONS, REQUIREMENTS, AND APPROVAL BY THE CITY OF SAVANNAH PARK AND TREE DEPARTMENT. SUCH APPROVAL SHALL NOT IMPAIR THE RIGHT OF INSPECTION AND REJECTION DURING PROGRESS OF THE WORK. ACCEPTANCE AT THE NURSERY, IN WHICH THE PLANT IS GROWING PRIOR TO TRANSPORTING, DOES NOT PRECLUDE REJECTION AT THE SITE FOR JUST CAUSE.
- ROOT SYSTEMS:
 - ALL TREES SHALL BE BALLED AND BURLAPPED (BBB) OR CONTAINER GROWN. NO BARE ROOT TREES SHALL BE ACCEPTABLE.
 - ALL SHRUBS SHALL BE BALLED (BBB) OR CONTAINER GROWN. NO BARE ROOT SHRUBS SHALL BE ACCEPTABLE.
 - THE MINIMUM SIZE OF BALLS, BALL DEPTHS, AND BALL DIAMETER SHALL CONFORM TO BALLING AND BURLAPPING SPECIFICATIONS AS SET FORTH IN THE "AMERICAN STANDARD FOR NURSERY STOCK".
 - ALL BALLED AND BURLAPPED PLANTS SHALL HAVE THE TOP OF THE BURLAP REMOVED FROM THE BALL AFTER THE POSITION OF THE PLANT IS STABILIZED. NO BURLAP SHALL BE REMOVED FROM UNDER THE BALL, AND ALL WIRE AND SURPLUS FROM THE TOP OF THE BALL SHALL BE REMOVED.
- SEEDING & SOODING:
 - ALL EXTERIOR GROUND AREAS NOT OCCUPIED BY BUILDINGS, STRUCTURES, PAVEMENT, PLANT MATERIAL, AND MULCH SHALL BE SEEDED OR SODDED IN AN ACCEPTABLE MANNER IN ACCORDANCE WITH THE CURRENT EDITION OF "AMERICAN STANDARD FOR NURSERY STOCK".
 - ALL SOOD SHALL BE COMMERCIAL GROWN UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE OF CHATHAM COUNTY (U.S. PLANT ZONE 8).
 - ALL SOOD SHALL BE LAYED WITHIN 48 HOURS AFTER BEING CUT AT THE NURSERY.
 - SOD SHALL BE LAYED OUT SO THAT NO HOLES OCCUR AND IN SUCH A MANNER THAT THE END JOINTS BETWEEN INDIVIDUAL SOD PIECES OF ADJOINING ROWS DO NOT COINCIDE.
 - SOD SHALL BE LAYED ON TOPSOIL AT THE REQUIRED FINISH GRADE AND SHALL BE FLUSH WITH ADJACENT PAVEMENT, CURBS, AND PLANTING BED EDGES.
- TOPSOIL:
 - CONTRACTOR SHALL PROVIDE A MINIMUM 3" DEPTH OF TOPSOIL IN ALL PLANTING AREAS, INCLUDING SODDED AREAS.
 - ALL TOPSOIL SHALL BE FREE FROM ROCKS, DEBRIS, NOXIOUS WEEDS, EXCESSIVE WEEDS, PLANT WASTE, SUBSOIL, HEAVY CLAY, ROOTS, STUMPS, AND ANY OTHER MATERIAL HARMFUL TO PLANT GROWTH.
 - TOPSOIL SHALL BE A NATURAL, FERTILE, SANDY LOAM POSSESSING CHARACTERISTICS COMMON TO PRODUCTIVE SOILS IN THE SOUTHEASTERN COASTAL REGION, AND IT SHALL NOT CONTAIN ANY TOXIC SUBSTANCES.
- PLANTING:
 - GROUND COVER SHALL BE PLANTED IN AN EQUILATERAL TRIANGULAR SPACING PATTERN AT THE ON-CENTER DISTANCES SHOWN ON THE PLAN LIST.
 - WHERE GROUND COVER RIBTS CURBS, PAVEMENT, SIGNS AND POLES, MINIMUM PLANTING DISTANCE SHALL BE 12" FROM CENTER OF PLANT TO SOD OBJECT.
 - GROUND COVER SHALL BE PLANTED A MINIMUM OF 14" FROM CENTER OF ALL TREES.
 - SHRUBS AND GRASSES SHALL BE PLANTED A MINIMUM OF 2' FROM THE CENTER OF ALL LARGE TREES.
 - SHRUBS AND TREES SHALL BE PLANTED A MINIMUM OF 36" FROM CURBS AT CAR PARKING AREAS TO ALLOW FOR OVERHANGING UNLESS WHEEL STOPS ARE PROVIDED.
 - NO LARGE OR MEDIUM TREE SPECIES SHALL BE PLANTED WITHIN TEN (10) FEET OF ANY UNDERGROUND UTILITY LINE OR UNDERNEATH ANY OVERHEAD POWER LINES. SMALL TREE SPECIES MUST MAINTAIN A MINIMUM FIVE (5) FOOT SEPARATION FROM UNDERGROUND UTILITY LINES.
 - TREES SHALL BE PLANTED AT PROPER DEPTH OR SHALL BE REJECTED AT TIME OF INSPECTION.
 - STAKE TREES ONLY WHEN NECESSARY. STAKING AND CUTTING SHALL FOLLOW THE CITY OF SAVANNAH'S PARK AND TREE DEPARTMENT SPECIFICATIONS WHEN USED.
- FERTILIZER:
 - CONTRACTOR SHALL PERFORM A SOIL TEST ON ALL PROPOSED LANDSCAPE AREAS BEFORE INSTALLING ANY PROPOSED PLANT MATERIAL.
 - IF A SOIL TEST DETERMINES THAT ADDITIONAL SOIL AMENDMENTS ARE REQUIRED, CONTRACTOR SHALL APPLY AN APPROPRIATE FERTILIZER IN CONFORMANCE WITH INSTRUCTIONS ON THE CONTAINER.
- MULCH:
 - ALL TREES AND SHRUBS SHALL BE MULCHED IMMEDIATELY FOLLOWING INSTALLATION WITH A MINIMUM 3" LAYER OF ACCEPTABLE MATERIAL.
 - ALL GROUND COVERS SHALL BE MULCHED IMMEDIATELY FOLLOWING INSTALLATION WITH A MINIMUM 1" LAYER OF ACCEPTABLE MATERIAL.
 - ACCEPTABLE MULCHING MATERIAL INCLUDES PINE NEEDLES, SHREDDED BARK, AND WOOD CHIPS.
- IRRIGATION:
 - ALL AREAS TO BE PLANTED, SEEDING, AND SODDED SHALL BE PROVIDED WITH AN AUTOMATIC IRRIGATION SYSTEM.
 - ALL PLANTS INCLUDING TREES, SHRUBS, AND GROUND COVER SHALL BE THOROUGHLY WATERED IMMEDIATELY FOLLOWING INSTALLATION.
 - ALL SEEDING AND SODDED AREAS SHALL BE THOROUGHLY WATERED IMMEDIATELY FOLLOWING INSTALLATION.
- MAINTENANCE:
 - CONTRACTOR SHALL INSPECT PLANTS ON A WEEKLY BASIS, MAINTAIN AND WATER ALL SEEDING AND SODDED AREAS AND PLANT MATERIALS, AND WEED, PRUNE, AND RE-MULCH PLANTING BEDS AS NECESSARY TO MAINTAIN HEALTHY GROWING CONDITIONS FOR ONE YEAR MAINTENANCE PERIOD AFTER SUBSTANTIAL COMPLETION.
 - OWNER IS RESPONSIBLE FOR ONGOING MAINTENANCE OF ALL PLANT MATERIAL UPON COMPLETION OF ONE YEAR MAINTENANCE PERIOD.
 - GUYING AND STAKING SHALL BE REMOVED NO LATER THAN 6 MONTHS AFTER INSTALLATION.
- PLANT ALTERNATE SUBSTITUTIONS:
 - ANY CHANGE IN PLANT QUANTITY, PLANT SPECIES, PLANT SIZE, OR PLANT LOCATION IS UNACCEPTABLE WITHOUT SPECIFIC APPROVAL OF THE PROJECT LANDSCAPE ARCHITECT AND THE LANDSCAPE ARCHITECT FOR THE CITY OF SAVANNAH.
 - PROJECT LANDSCAPE ARCHITECT WILL ASSIST IN LOCATING PLANTS AS NECESSARY.
- IRRIGATION NOTES:
 - CONTRACTOR SHALL PROVIDE AN AUTOMATIC IRRIGATION SYSTEM FOR ALL SEEDING AREAS, SODDED AREAS AND PLANT MATERIAL.
 - CONTRACTOR SHALL PROVIDE IRRIGATION DESIGN, ASSOCIATED AGENCY APPROVALS, LABOR, MATERIALS, EQUIPMENT, AND SERVICES TO COMPLETE THE IRRIGATION WORK. THE WORK SHALL BE LIMITED TO:
 - VERIFICATION OF ALL UNDERGROUND UTILITY LOCATIONS.
 - COORDINATION OF IRRIGATION WORK WITH THE WORK OF ALL RELATED TRADES AND SUBCONTRACTORS TO ASSURE SMOOTH PROGRESSION OF PROJECT.
 - PROTECTION AND/OR RESTORATION OF ALL EXISTING IMPROVEMENTS.
 - TRENCHING AND BACK FILLING FOR ALL PIPES, VALVES, AND DRAIN PITS SPECIFIED.
 - FURNISHING AND INSTALLING ALL MAIN LINES, LATERAL LINES, RISERS, FITTINGS, SPRAY HEADS, ROTOR HEADS, QUICK-COUPLING VALVES, GATE VALVES, CONTROL VALVES, CONTROLLERS, ELECTRIC WIRE, AND ALL NECESSARY SPECIALTY ITEMS AND ACCESSORIES.
 - FURNISHING AND INSTALLING ALL SLEEVES BENEATH WALKWAYS, ROADS, AND DRIVEWAYS WHERE REQUIRED.
 - REGULATING AND ADJUSTING ALL SPRAY HEADS, ROTOR HEADS, DRIP LINES, TIME SEQUENCE CONTROL DEVICES, AND SECTION VALVES.
 - TESTING OF IRRIGATION SYSTEM.
 - PROVIDING A WARRANTY ON THE IRRIGATION SYSTEM FOR ONE (1) YEAR AFTER ACCEPTANCE BY THE OWNER.
 - PROVIDING THAT WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF STATE AND LOCAL AGENCIES, INCLUDING LOCAL HEALTH CODES, PLUMBING CODES, AND ELECTRICAL CODES.
 - CONTRACTOR SHALL PROVIDE THE FOLLOWING SUBMITTALS:
 - DIAGRAMMATIC PLANS OF IRRIGATION SYSTEM TO LANDSCAPE ARCHITECT FOR INCLUSION IN AS-BUILT SET OF DRAWINGS.
 - PROPOSED IRRIGATION PLANS TO APPROPRIATE JURISDICTION FOR APPROVAL AND TO LANDSCAPE ARCHITECT FOR REVIEW PRIOR TO INSTALLATION.



MANDEL DESIGN
 LANDSCAPE ARCHITECTURE

1000 DE SAUVANNAH GEORGIA 31410 • 912.660.8900

GRAPHIC SCALE: 1"=30'-0"

30' 15' 0' 30'

EXISTING 25" LIVE OAK #1 468 TQP (50% CANOPY)
 EXISTING 29" LIVE OAK #2 630 TQP (50% CANOPY)
 EXISTING 44" LIVE OAK #3 871 TQP (30% CANOPY)
 EXISTING 11" LIVE OAK #4 1452 TQP (50% CANOPY)
 EXISTING 43" LIVE OAK #4 1386 TQP (50% CANOPY)
 EXISTING 27" LIVE OAK #4 546 TQP (50% CANOPY)
 EXISTING 44" LIVE OAK #4 1452 TQP (50% CANOPY)

VOL. II SAVANNAH ARTS ACADEMY ADDITION

500 WASHINGTON AVENUE SAVANNAH, GEORGIA 31405

SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM

GMP CONSTRUCTION DOCUMENTS

SCCPSS

FACILITY CODE: 1607
 FTE: 1000
 FUNDING: LOCAL EFFORT
 BID NO#: C22-01

CogdellMendrola Architects
 COGDELL & MENDROLA ARCHITECTS, PC
 517 EAST CONGRESS STREET
 SAVANNAH, GEORGIA 31401
 TEL: 912.234.6318
 FAX: 912.234.8414
 cogdellmendrola.com

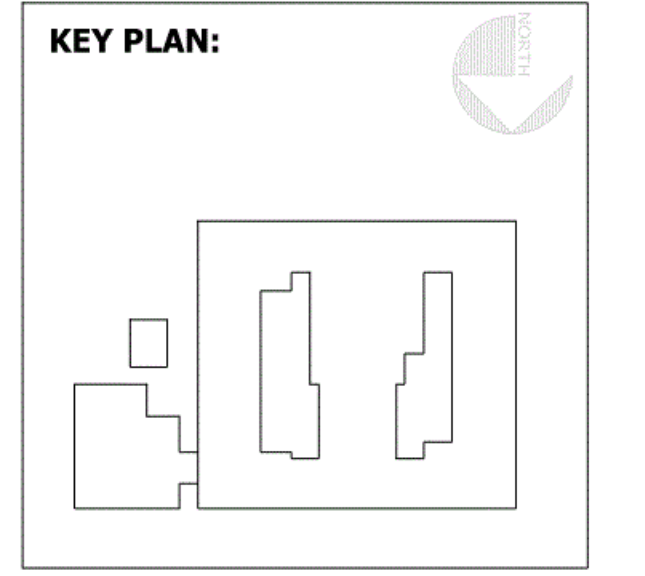
SEAL:

PROJECT CONSULTANTS:

CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
 40 JOE KENNEDY BLVD.
 STATESBORO, GA 30458

STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
 400 E. JOHNNY MERCER BOULEVARD
 SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
 7402 HODGSON MEMORIAL DRIVE,
 SUITE 100
 SAVANNAH, GA 31406



SHEET TITLE:
 PLANTING PLAN

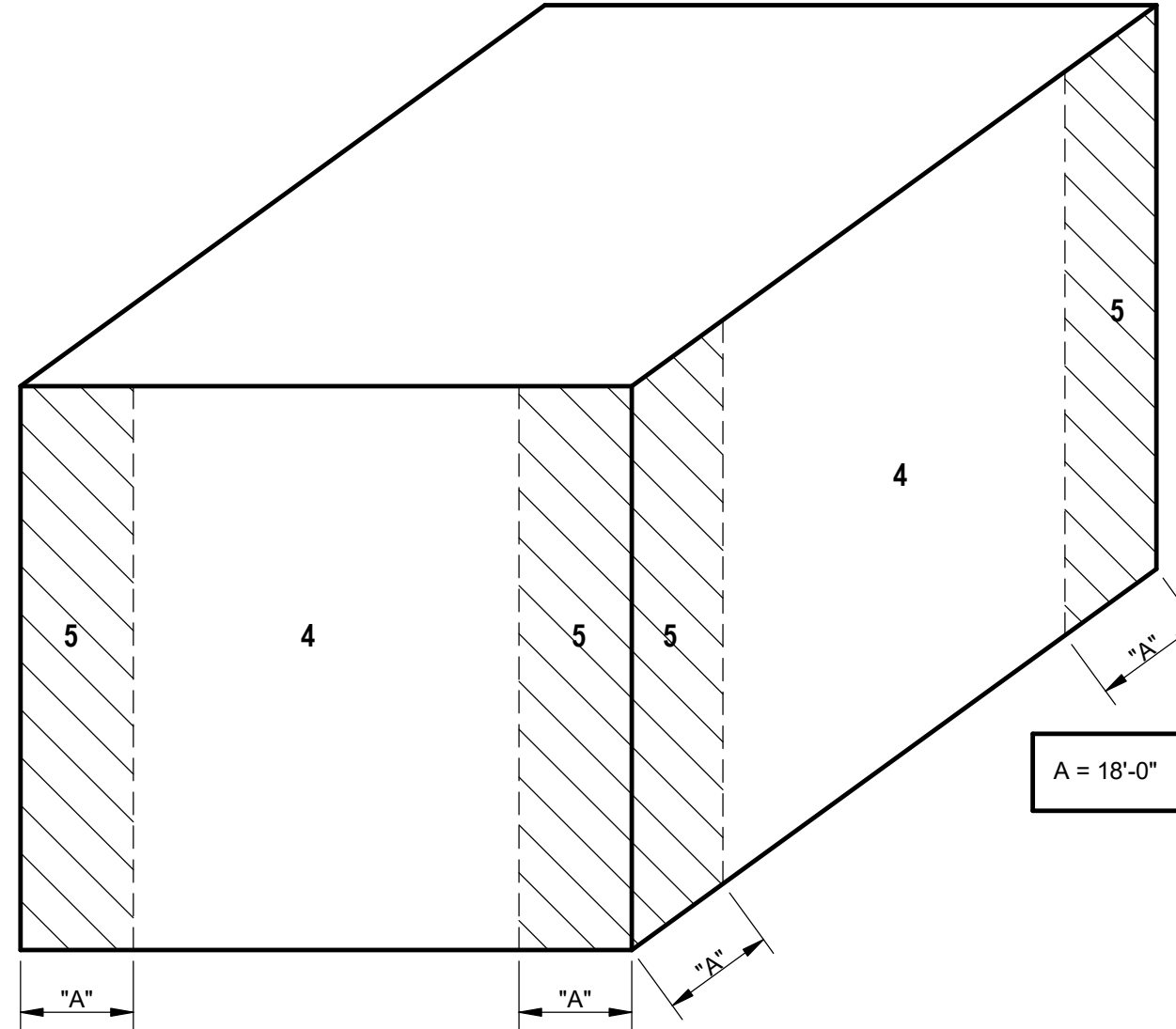
REVISION SCHEDULE

DATE	DESCRIPTION
04.05.21	REVISED PER CIVIL
06.28.21	REVISED PER CIVIL

PROJECT NO: 1916
 DATE: FEB 2022
 DRAWN BY: TNM
 SCALE: 1" = 30'-0"
 SHEET: **L1.0**

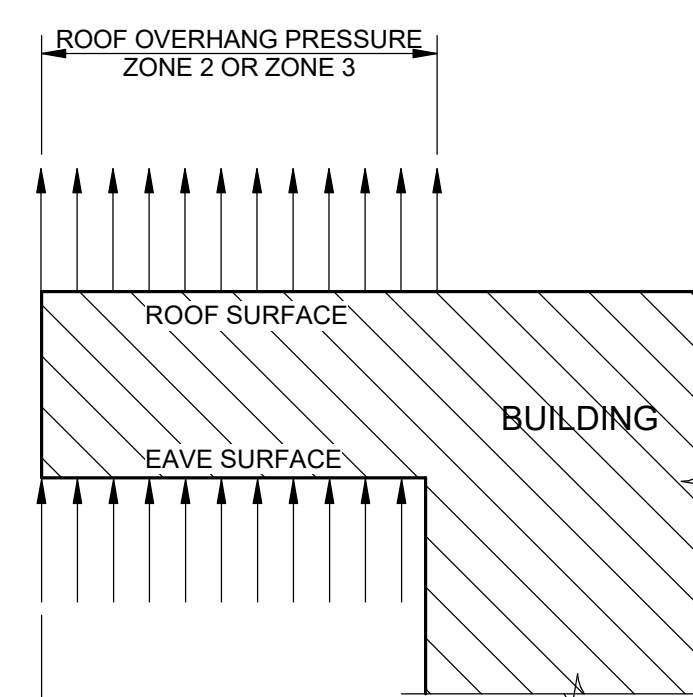
NOTES:

- ALL WIND LOADING SHOWN HEREIN ARE UNFACTORED BASED ON ASCE-7-16 BASIC WIND SPEED (3 SECOND GUST) WHICH IS EQUIVALENT TO IBC ULTIMATE DESIGN WIND SPEED.
- FOR STRENGTH DESIGN, USE WIND PRESSURES IN THE FOLLOWING COMBINATIONS:
 $1.2D + 1.6Lr + 0.5W$
 $1.2D + 1.0W + 0.5Lr$
 $0.9D + 1.0W$
- FOR ALLOWABLE STRESS DESIGN, USE WIND PRESSURES IN THE FOLLOWING COMBINATIONS:
 $D + 0.6W$
 $D + 0.45W + 0.75Lr$
 $0.6D + 0.6W$
 D = DEAD LOAD
 Lr = ROOF LIVE LOAD
 W = WIND LOAD
- OPTIONALLY, COMPONENTS AND CLADDING MANUFACTURERS CAN CALCULATE WIND PRESSURES AND GEOMETRY FOR ALL ZONES USING APPLICABLE PROCEDURES IN ASCE7-16. ALL DESIGNS SHALL BE COMPLETED USING THE LOAD COMBINATIONS IN CHAPTER 2 OF ASCE 7-16 AND CHAPTER 16 OF IBC 2018.

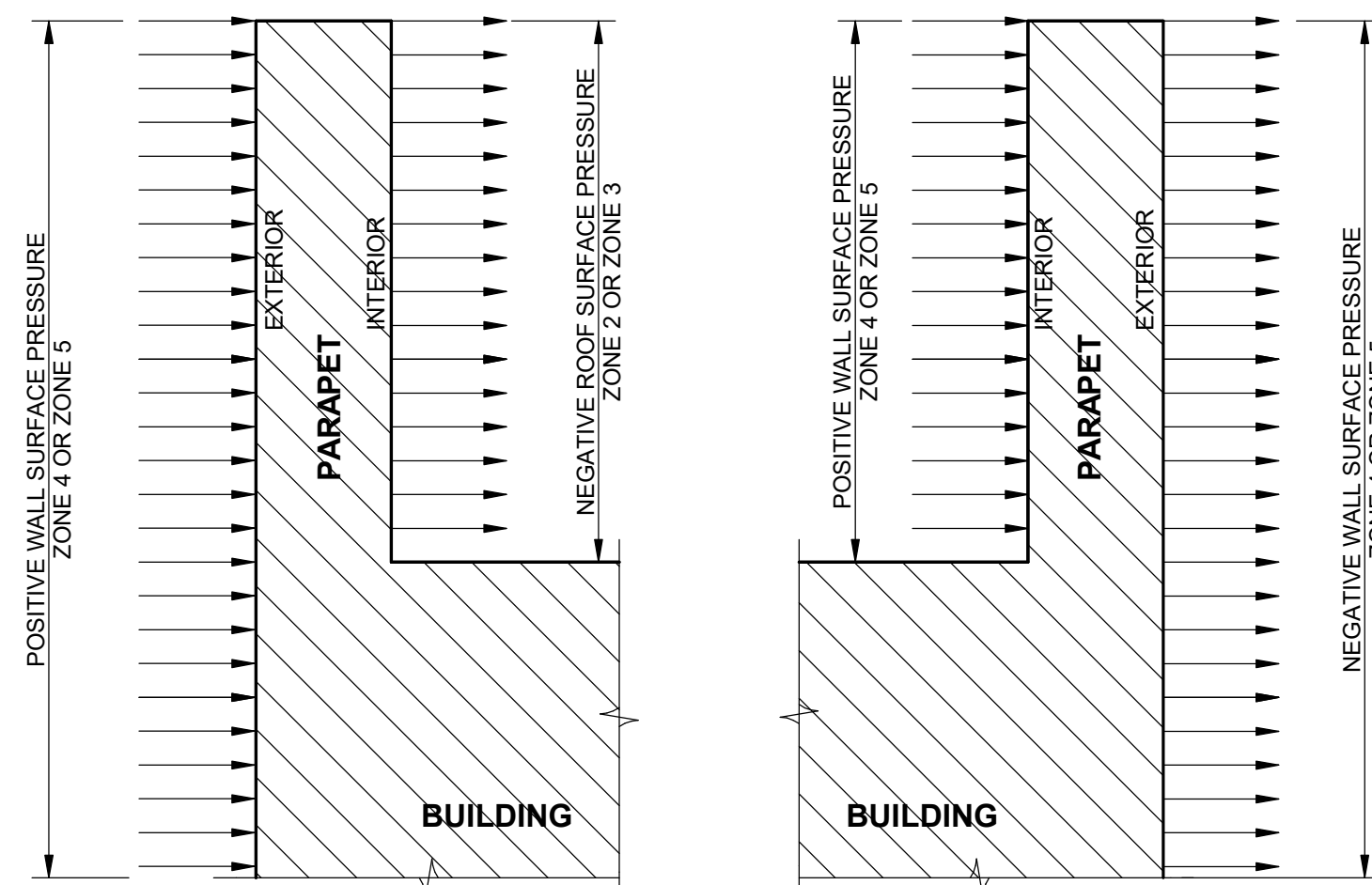


COMPONENTS AND CLADDING WALL AND EAVE SURFACE PRESSURES			
ZONE	TRIBUTARY AREA (SQFT)	PRESSURE (PSF)	
		POSITIVE	NEGATIVE
WALL & EAVE SURFACE 4	10	46.3	-50.2
	20	43.6	-48.3
	50	41.3	-45.6
	100	39.8	-43.6
	200	37.5	-41.3
	1000	34.7	-38.6
WALL & EAVE SURFACE EDGE 5	10	46.3	-61.8
	20	43.6	-57.1
	50	41.3	-52.1
	100	39.8	-48.0
	200	37.5	-43.6
	1000	34.7	-38.6

NOTE: FLAT ROOF IS SHOWN, BUT DIAGRAM IS SIMILAR AT ALL ROOF TYPES AND CONFIGURATIONS.

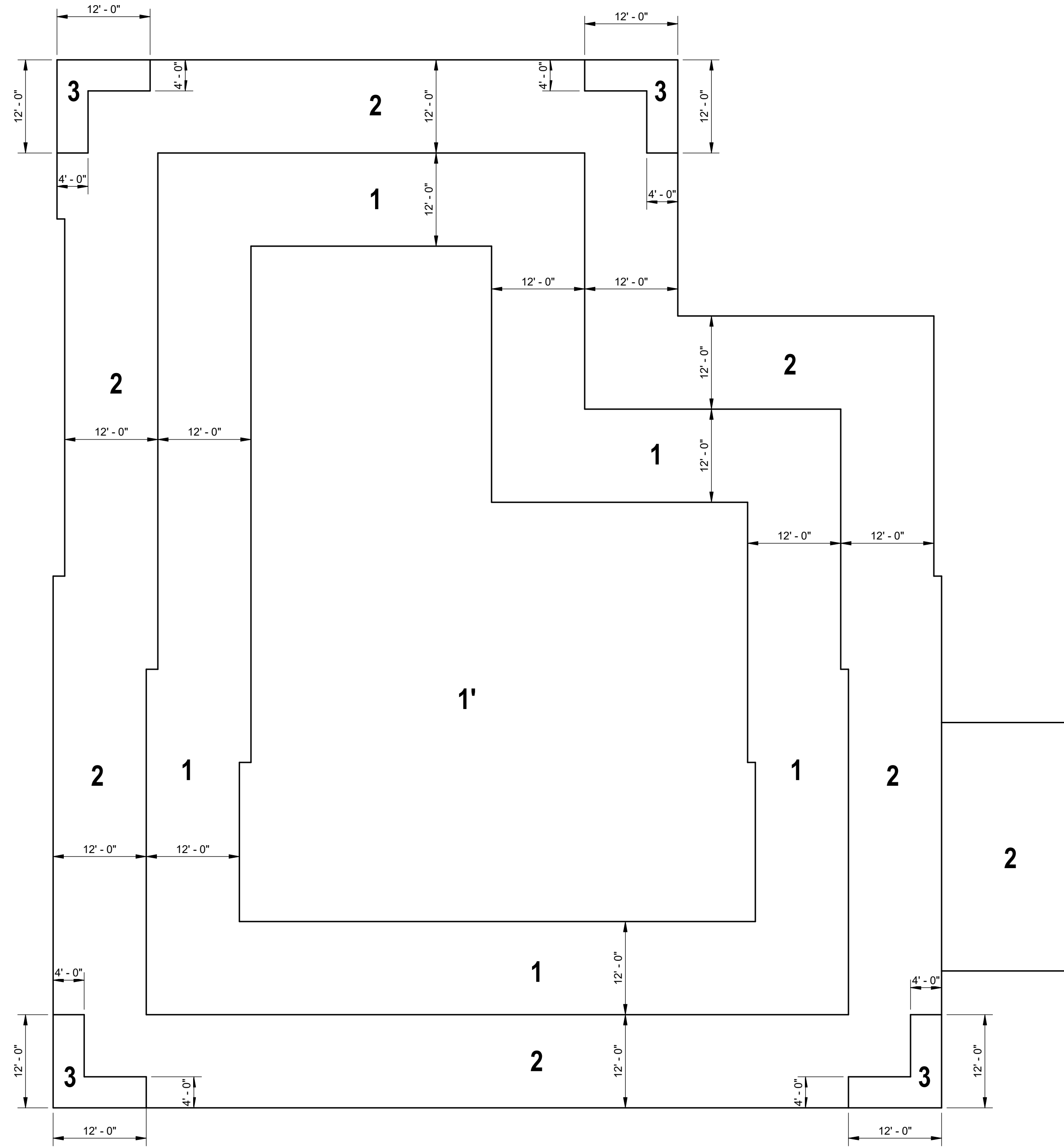


COMPONENTS AND CLADDING OVERHANG PRESSURE DIAGRAM



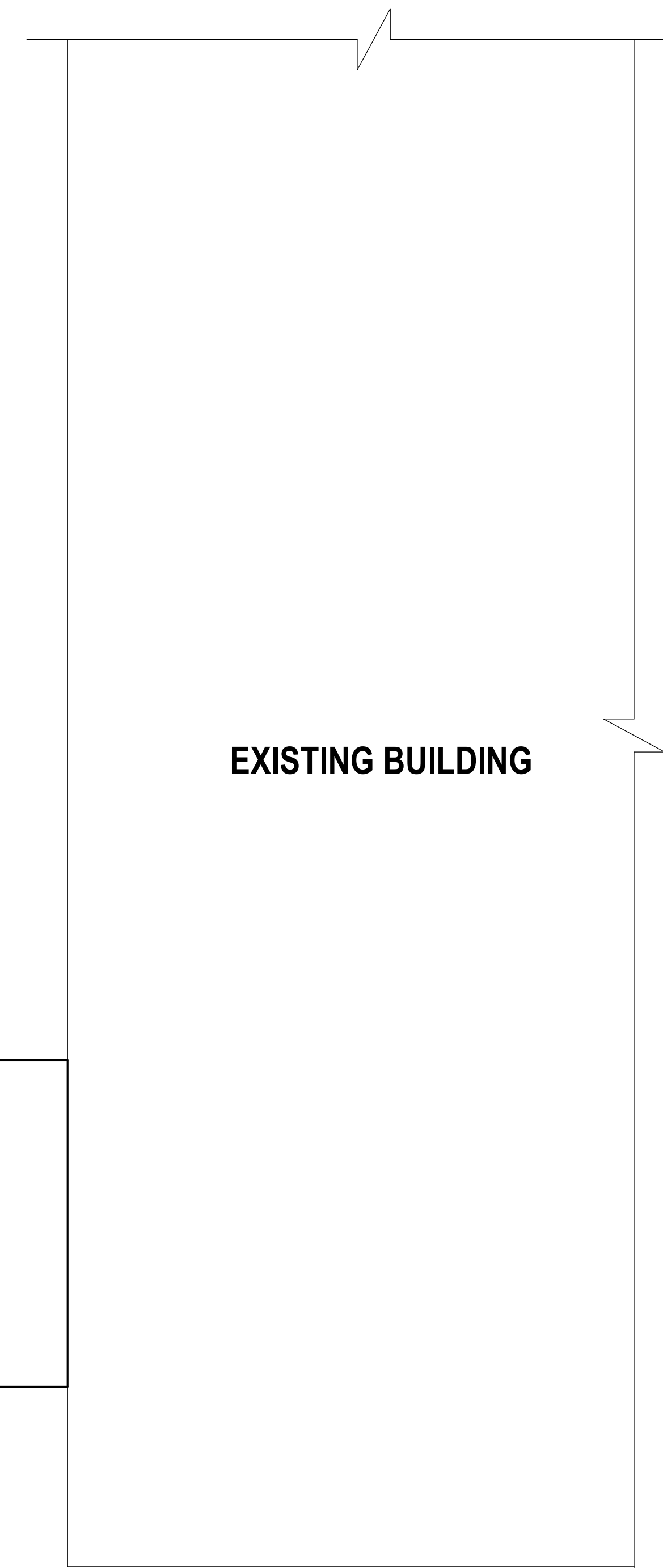
COMPONENTS AND CLADDING PARAPET DIAGRAM

COMPONENTS AND CLADDING PARAPET SURFACE PRESSURES				
ZONE	TRIBUTARY AREA (SQFT)	PRESSURE (PSF)		
		WINDWARD	INTERIOR	LEEWARD EXTERIOR
PARAPET SURFACE 4	10	59.7	-106.4	-50.2
	20	59.7	-100.0	-48.3
	50	53.3	-91.4	-45.6
	100	51.3	-84.9	-43.6
	200	48.3	-76.4	-41.3
	1000	44.8	-67.8	-38.6
PARAPET SURFACE EDGE 5	10	59.7	-145.0	-61.8
	20	59.7	-132.1	-57.1
	50	53.3	-115.0	-52.1
	100	51.3	-97.8	-49.0
	200	48.3	-84.9	-45.6
	1000	44.8	-67.8	-38.6



COMPONENTS AND CLADDING WIND PRESSURE ZONE DIAGRAM
SCALE: 3/32" = 1'-0"

COMPONENTS AND CLADDING ROOF SURFACE PRESSURES				
ZONE	TRIBUTARY AREA (SQFT)	PRESSURE (PSF)		
		POSITIVE	NEGATIVE	OVERHANG
1'	10	20.6	-46.3	-80.7
	20	19.5	-46.3	-78.5
	50	17.4	-46.3	-77.4
	100	16.3	-46.3	-76.4
	200	16.3	-38.9	-63.5
	1000	16.3	-31.3	-50.6
1	10	20.6	-80.7	-80.7
	20	19.5	-76.4	-78.5
	50	17.4	-67.8	-77.4
	100	16.3	-63.5	-76.4
	200	16.3	-59.2	-63.5
	1000	16.3	-50.6	-50.6
2	10	20.6	-106.4	-106.4
	20	19.5	-100.0	-97.8
	50	17.4	-91.4	-84.9
	100	16.3	-84.9	-76.4
	200	16.3	-76.4	-67.8
	1000	16.3	-67.8	-54.9
3	10	20.6	-145.0	-145.0
	20	20.6	-132.1	-130.0
	50	17.4	-115.0	-108.5
	100	16.3	-97.8	-91.4
	200	16.3	-84.9	-76.4
	1000	16.3	-67.8	-54.9

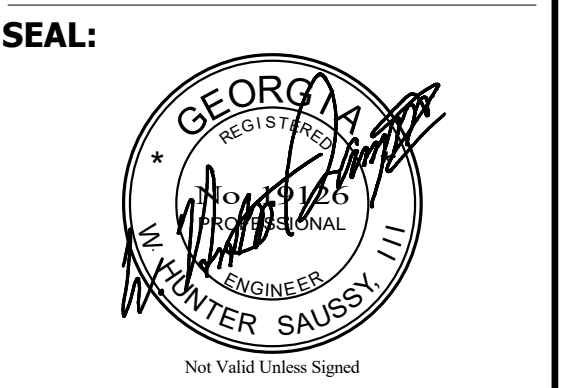


VOL. II SAVANNAH ARTS ACADEMY ADDITION
 500 WASHINGTON AVENUE
 SAVANNAH, GEORGIA 31405
 SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
 CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
 FTE: 1000
 FUNDING: LOCAL EFFORT
 BID NO#: C22-01

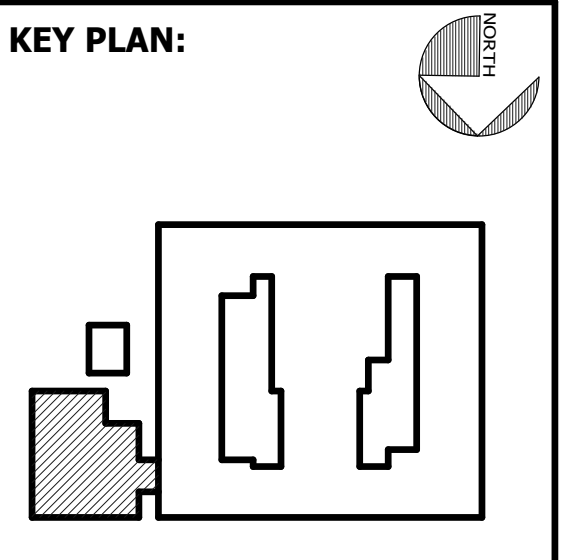
Cogdell Mendrala Architects
 COGDELL & MENDRALA ARCHITECTS, PC
 517 EAST CONGRESS STREET
 SAVANNAH, GEORGIA 31401
 tel 912.234.6318
 fax 912.236.8414
 cogdellmendrala.com



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MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
 7402 HODGSON MEMORIAL DRIVE,
 SUITE 100
 SAVANNAH, GA 31406



SHEET TITLE:
COMPONENTS AND CLADDING WIND PRESSURES

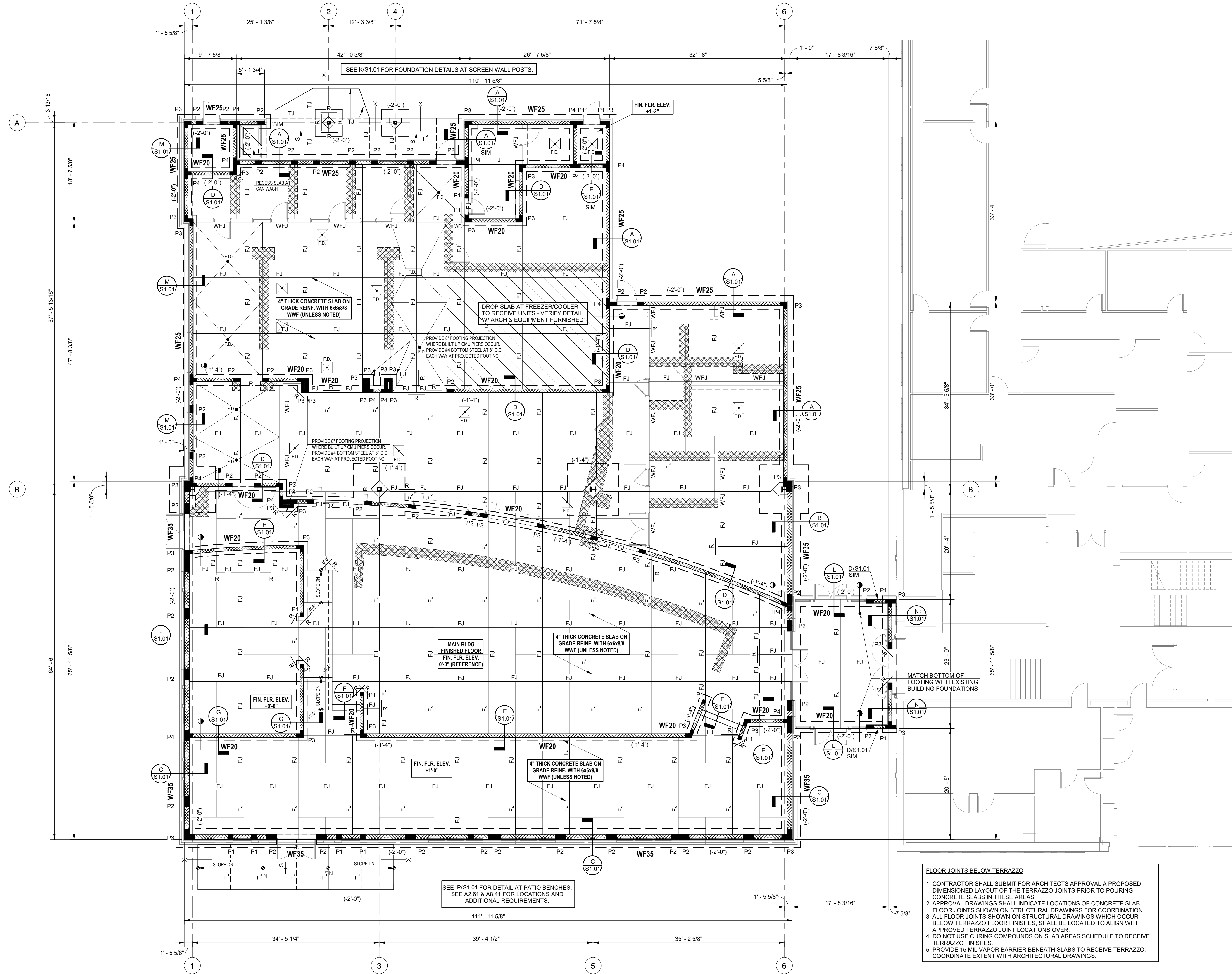
REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 20010
 DATE: FEB 2022
 DRAWN BY: JCG
 SCALE: As indicated
 SHEET: **S0.02**

SE SAUSSY ENGINEERING
 400 Johnny Mercer Boulevard • Suite E
 P.O. Box 30597 • Savannah, Georgia 31410
 Phone: (912) 898-8255 • Fax: (912) 898-1882
 PROJECT NO. 20010

\\192.168.1.110\Shared\JOBS 2020\01\HERS\2010-Savannah Arts Academy\Renovations & Addition\1-Revit\2010 Savannah Arts - RT19.M

2/16/2022 4:43:03 PM



FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

- FLOOR JOINTS BELOW TERRAZZO**
1. CONTRACTOR SHALL SUBMIT FOR ARCHITECTS APPROVAL A PROPOSED DIMENSIONED LAYOUT OF THE TERRAZZO JOINTS PRIOR TO POURING CONCRETE SLABS IN THESE AREAS.
 2. APPROVAL DRAWINGS SHALL INDICATE LOCATIONS OF CONCRETE SLAB FLOOR JOINTS SHOWN ON STRUCTURAL DRAWINGS FOR COORDINATION.
 3. ALL FLOOR JOINTS SHOWN ON STRUCTURAL DRAWINGS WHICH OCCUR BELOW TERRAZZO FLOOR FINISHES, SHALL BE LOCATED TO ALIGN WITH APPROVED TERRAZZO JOINT LOCATIONS OVER.
 4. DO NOT USE CURING COMPOUNDS ON SLAB AREAS SCHEDULE TO RECEIVE TERRAZZO FINISHES.
 5. PROVIDE 15 MIL VAPOR BARRIER BENEATH SLABS TO RECEIVE TERRAZZO. COORDINATE EXTENT WITH ARCHITECTURAL DRAWINGS.

VOL. II SAVANNAH ARTS ACADEMY ADDITION
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SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
CONSTRUCTION DOCUMENTS



SCCPSS

FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO #: C22-01

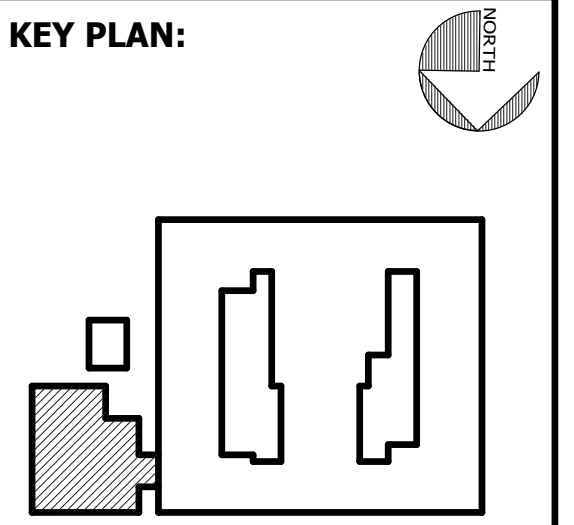
Cogdell Mendrala Architects
COGDELL & MENDRALA ARCHITECTS, PC
517 EAST CONGRESS STREET
SAVANNAH, GEORGIA 31401
tel 912.234.6318
fax 912.236.8414
cogdellmendrala.com



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SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406



SHEET TITLE:
FOUNDATION PLAN

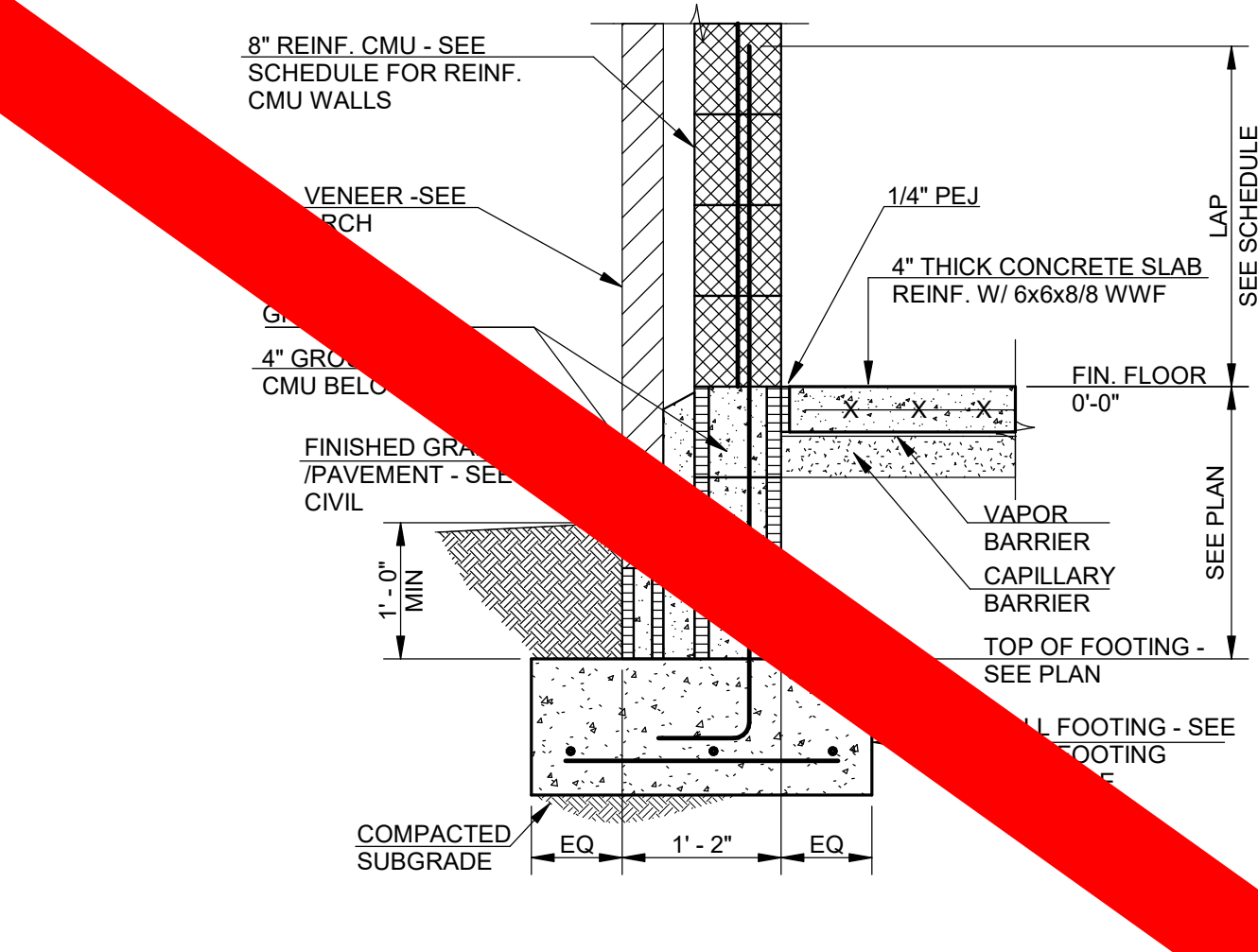
REVISION SCHEDULE	
DATE	DESCRIPTION

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DATE: FEB 2022
DRAWN BY: JCG
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SHEET: **S1.00**

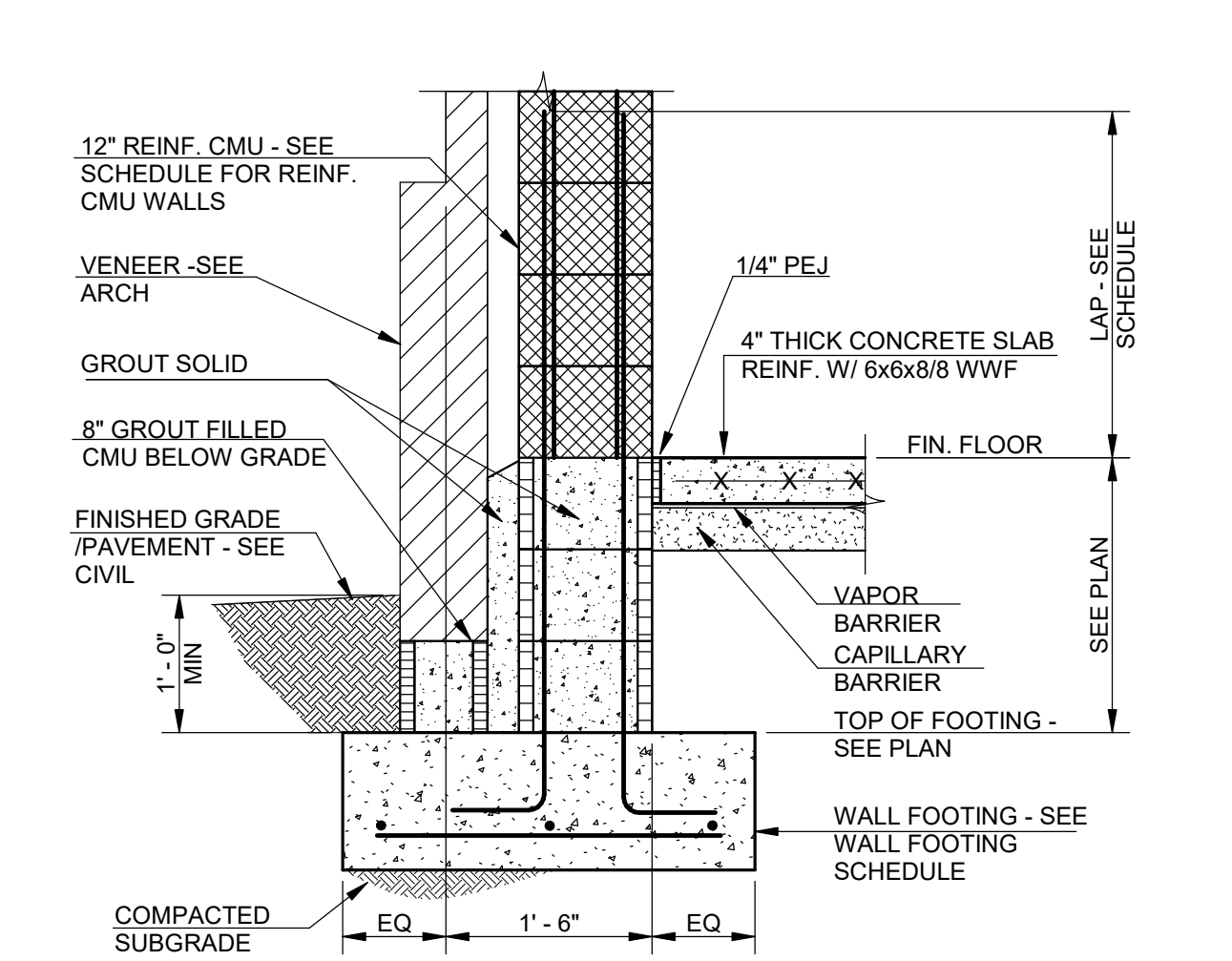
SE SAUSSY ENGINEERING
400 Johnny Mercer Boulevard • Suite E
P.O. Box 30597 • Savannah, Georgia 31410
Phone: (912) 898-8255 • Fax: (912) 898-1882
PROJECT NO. 20010

1/192,188.1.110\Shared\JOBS 2020\01\HERS\20010-Savannah Arts Academy Renovations & Addition\1-Revit\20010 Savannah Arts - RT19.1V

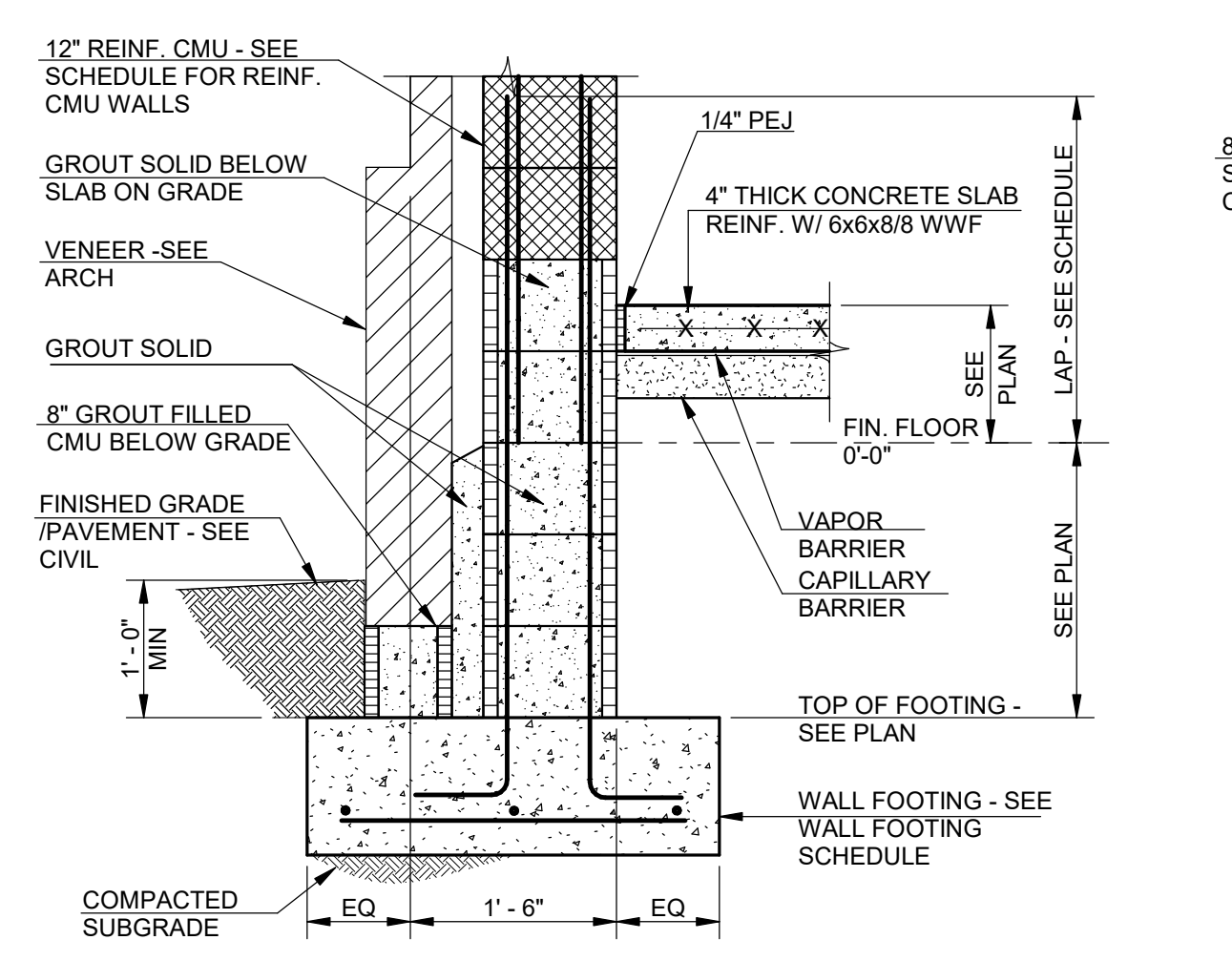
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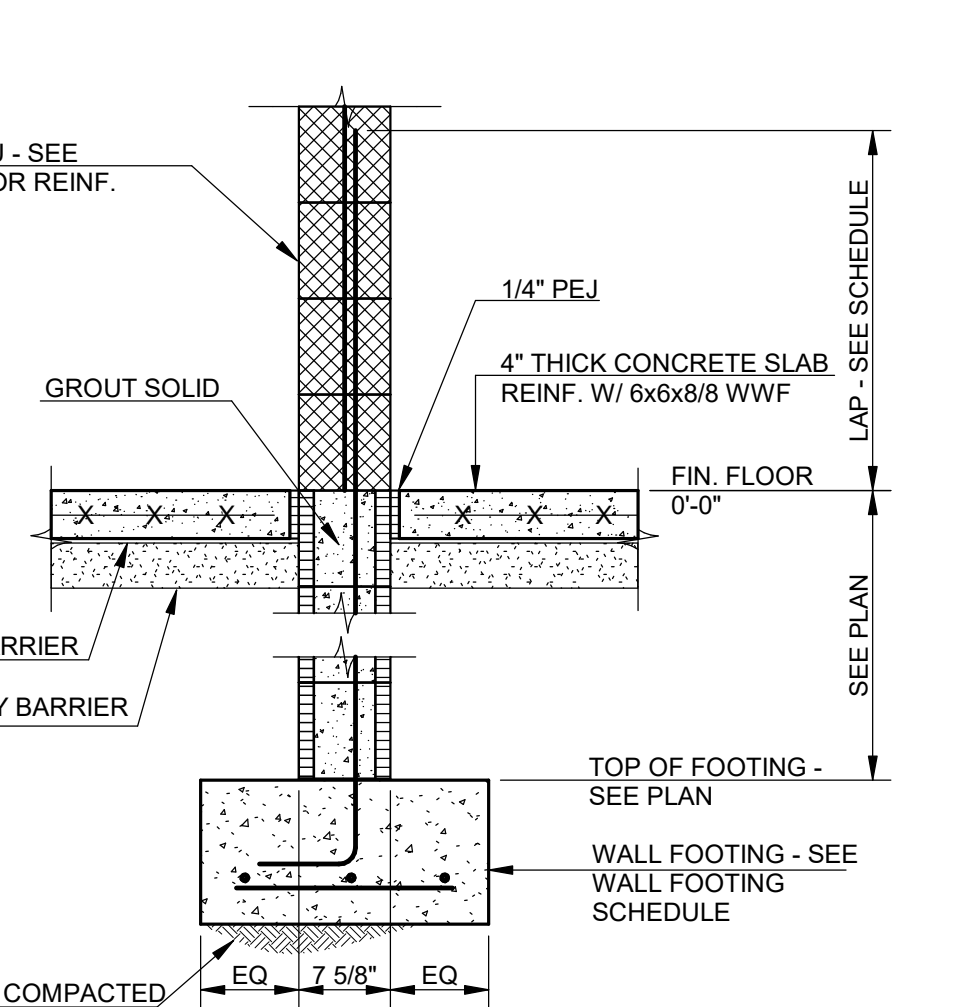
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S1.01



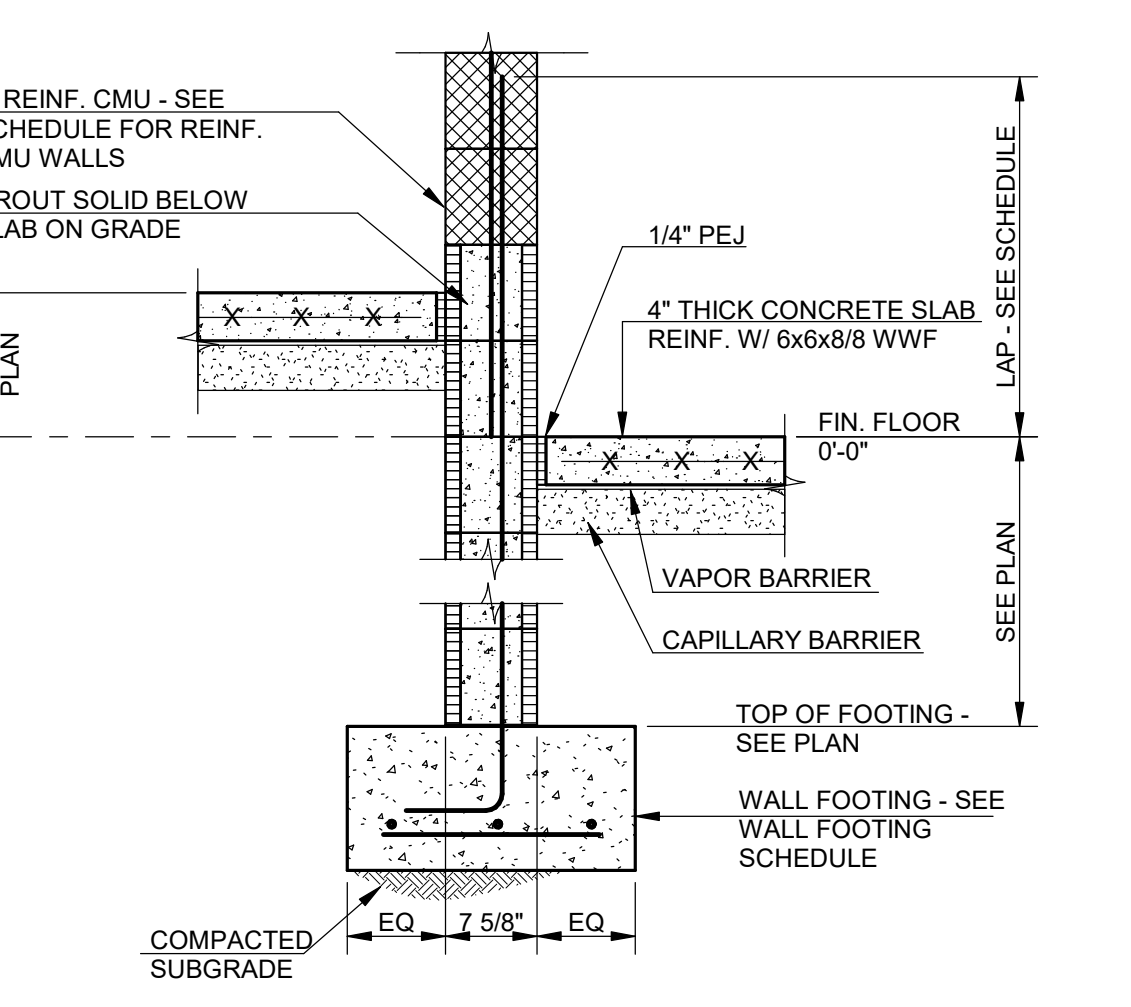
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S1.01



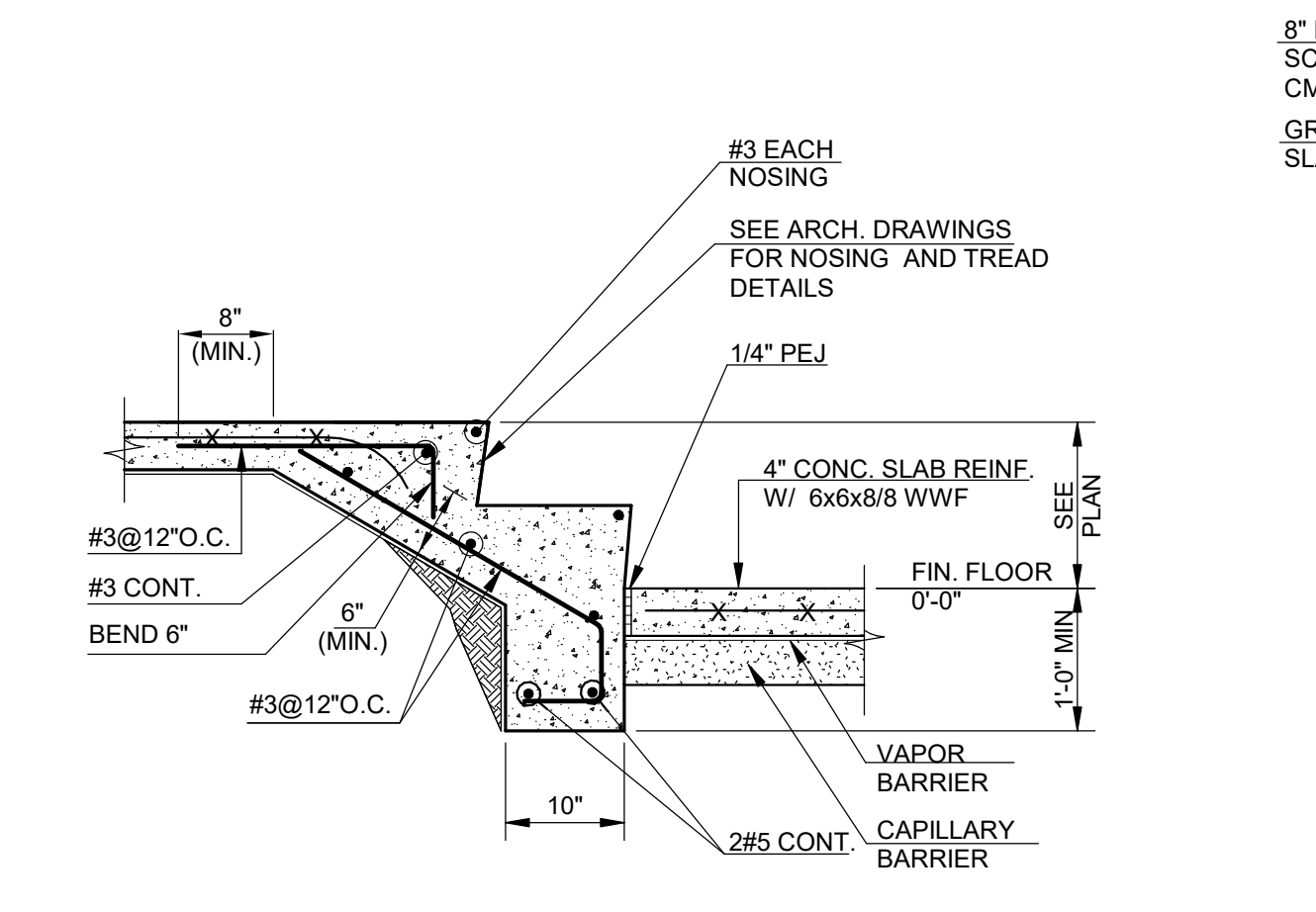
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S1.01



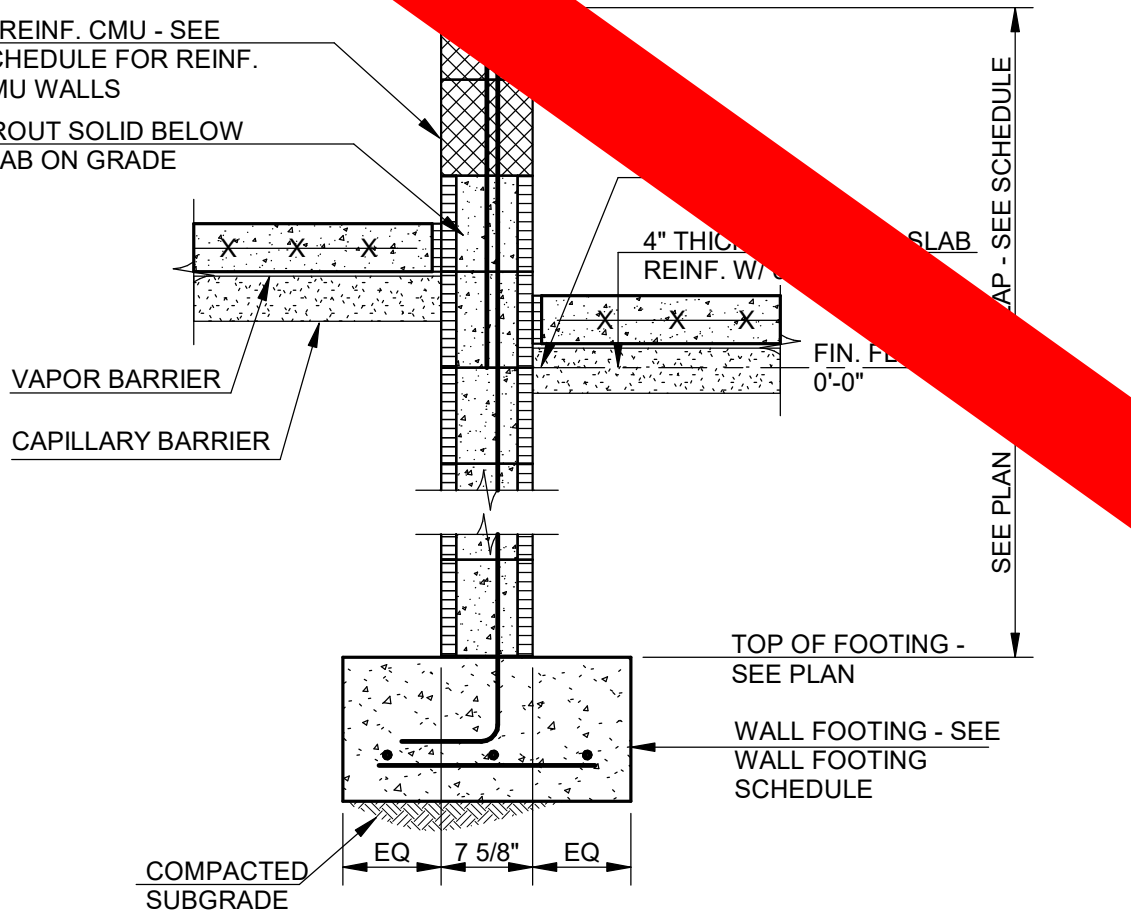
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S1.01



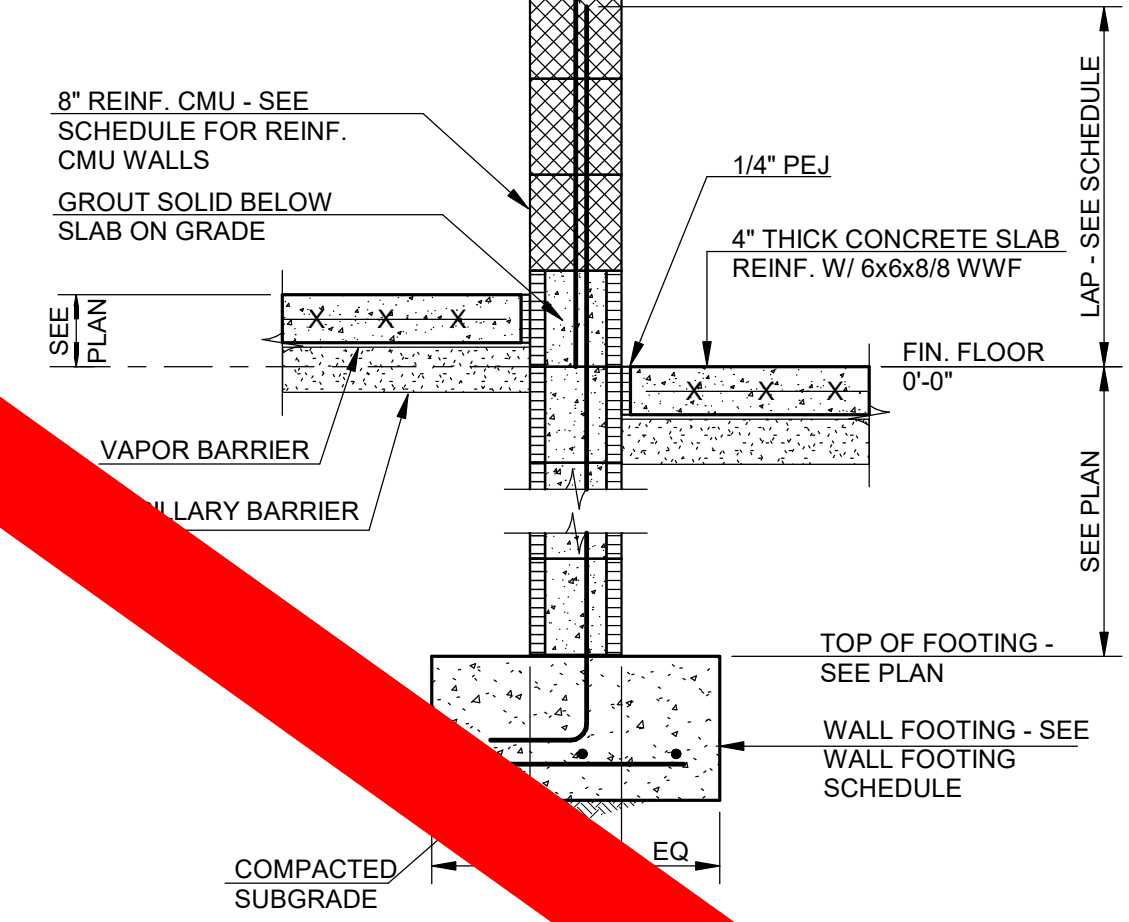
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S1.01



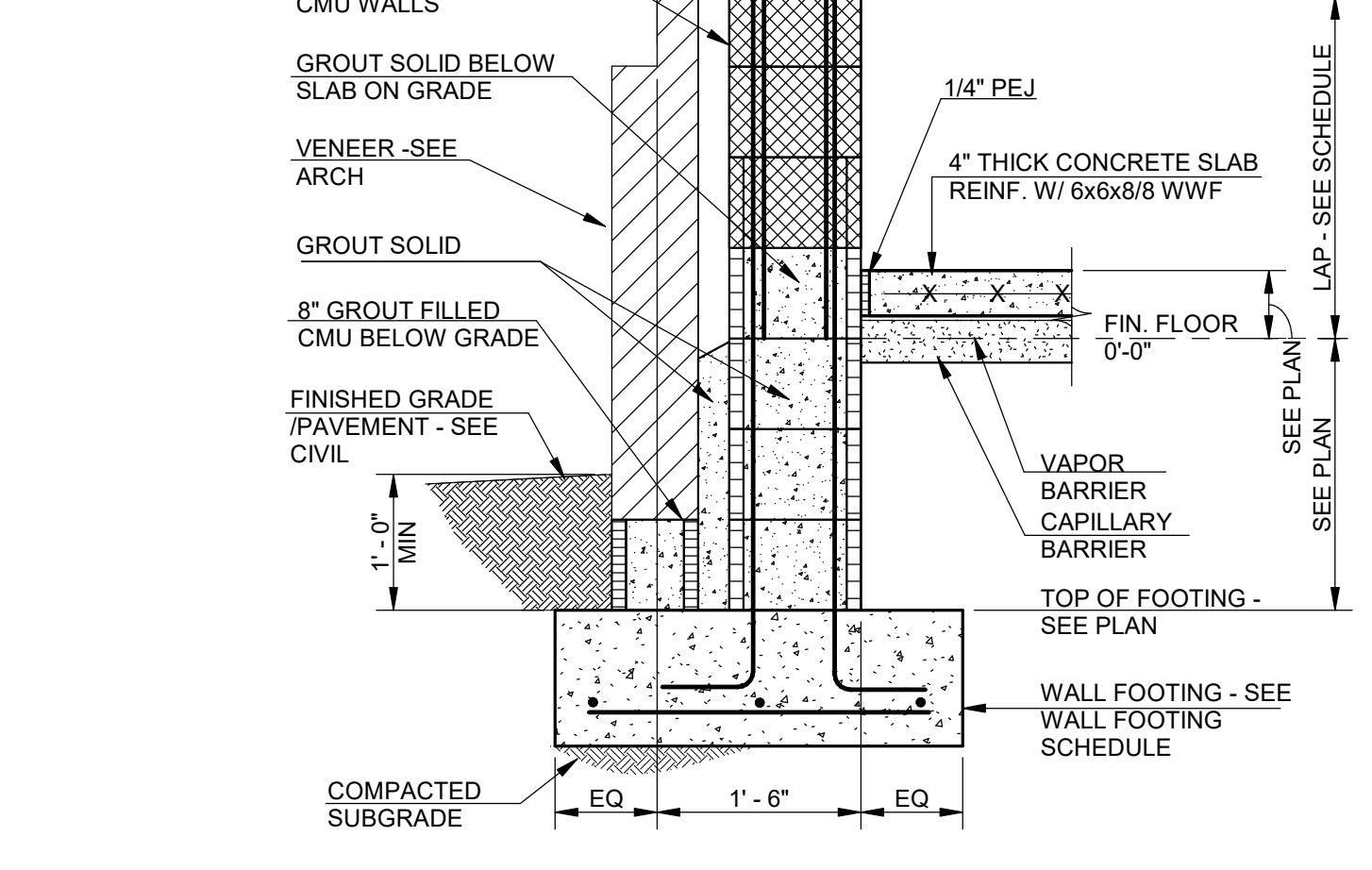
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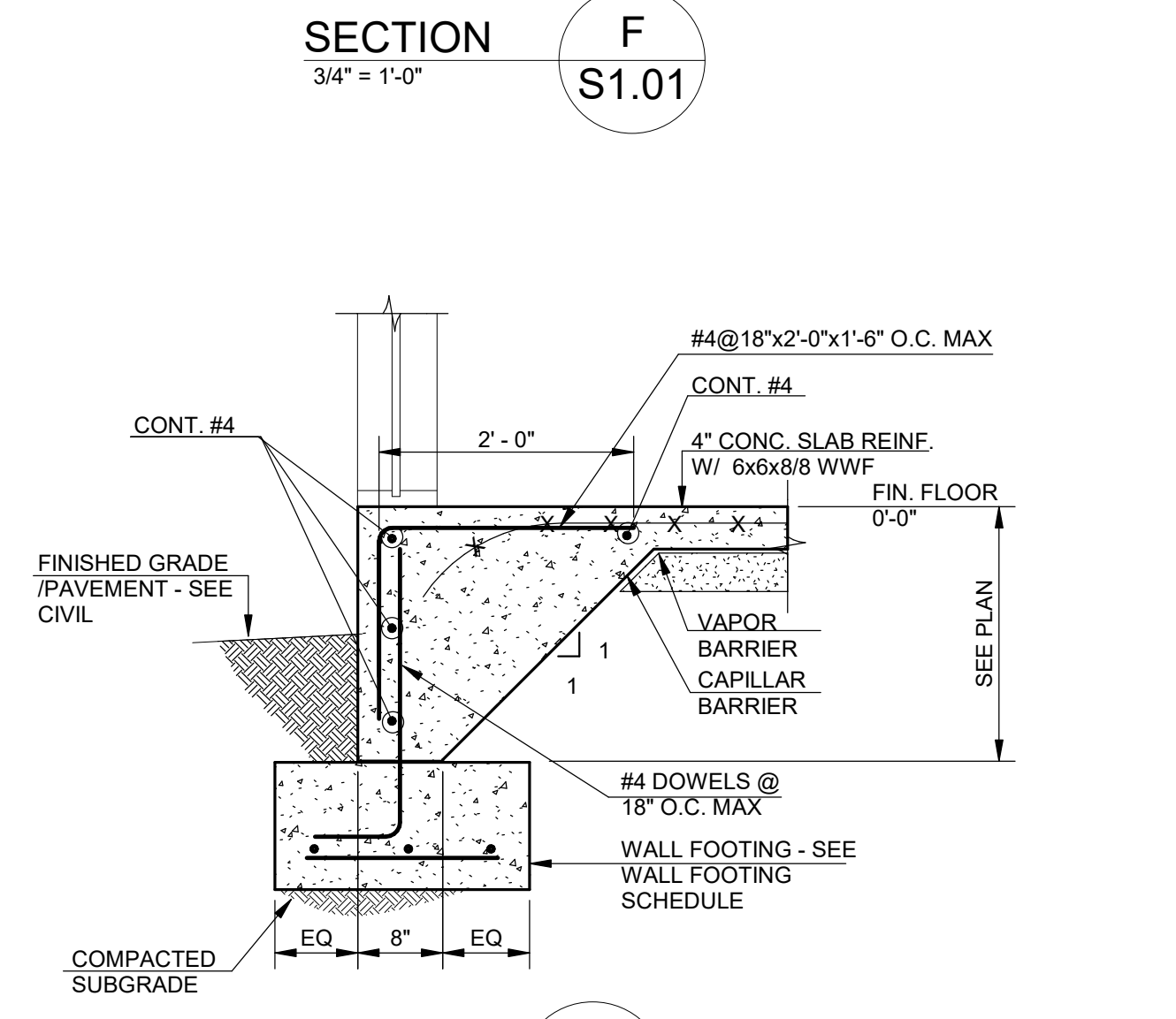
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S1.01



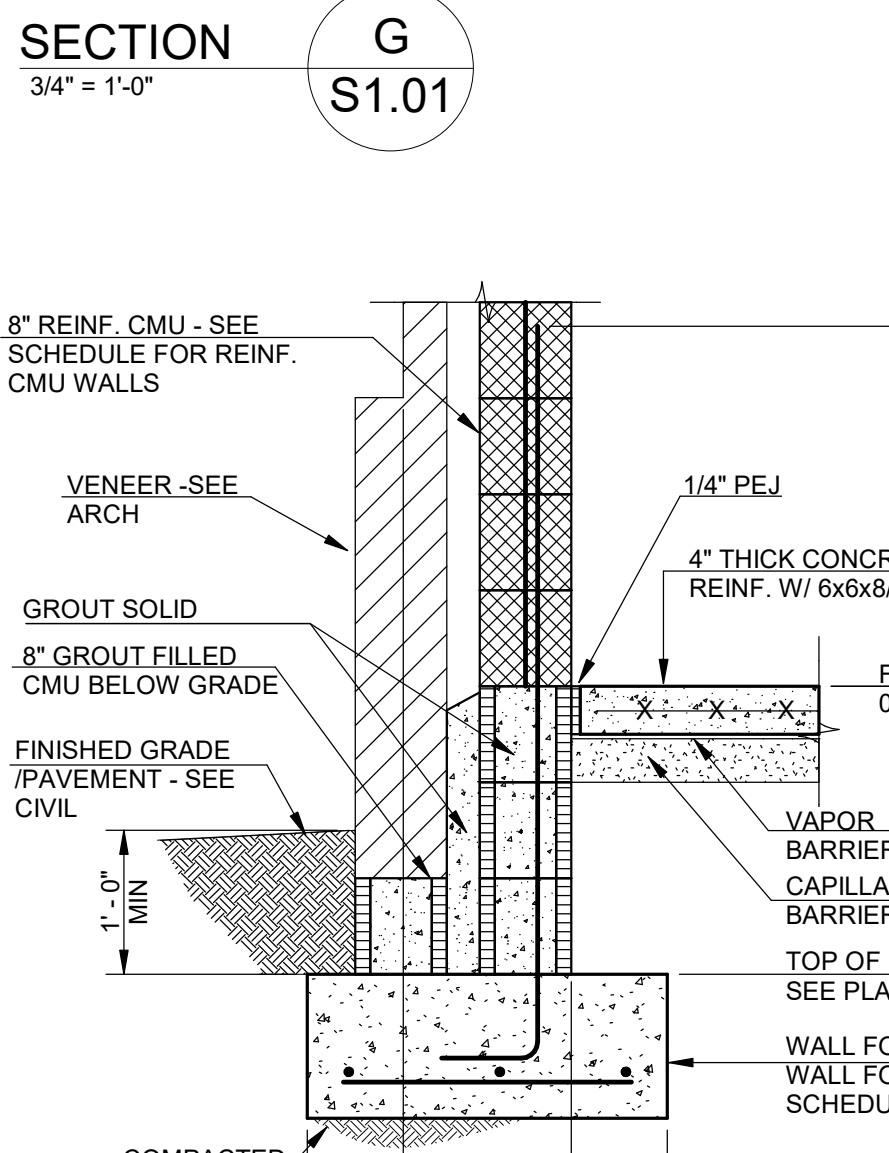
SECTION H
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S1.01



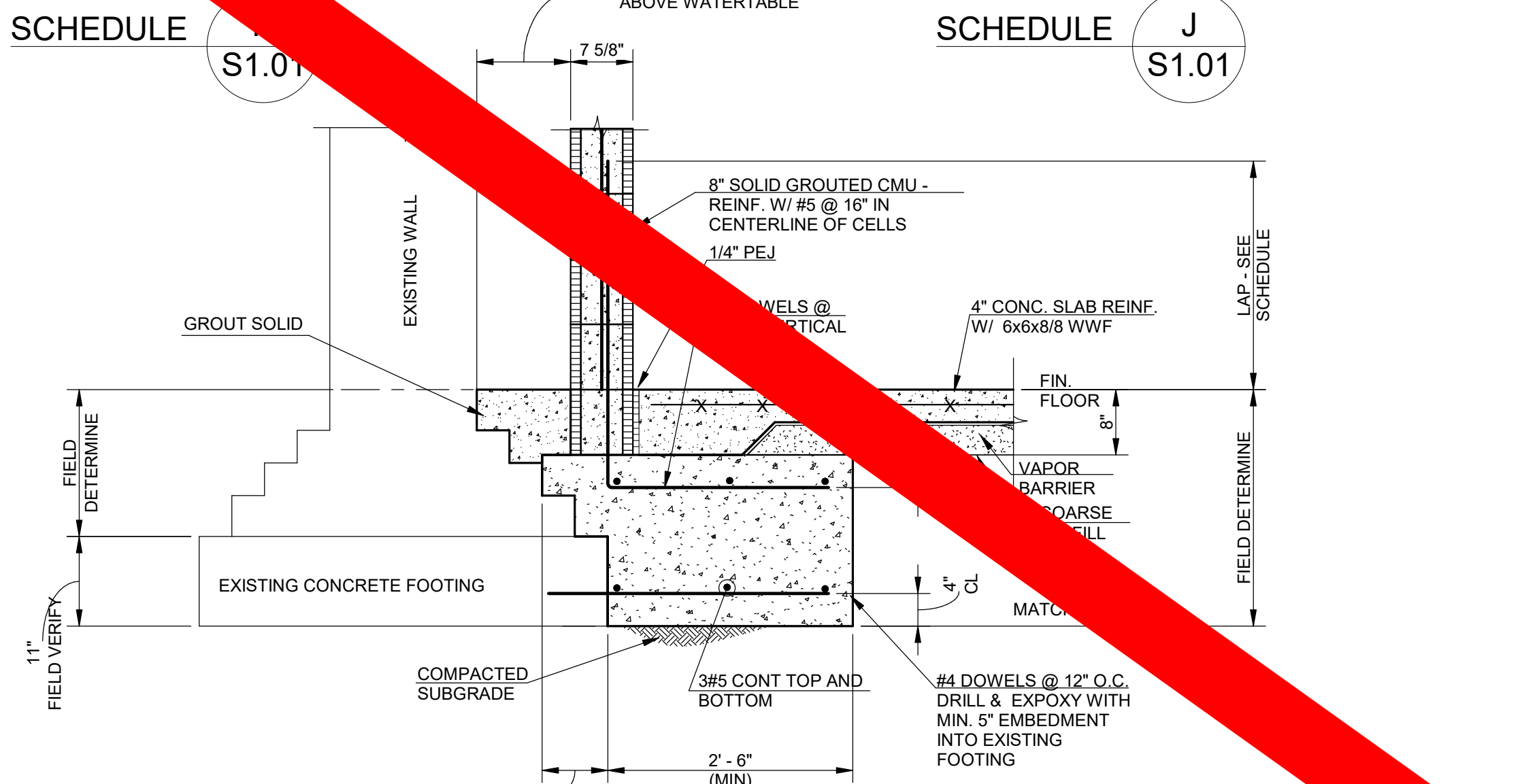
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S1.01



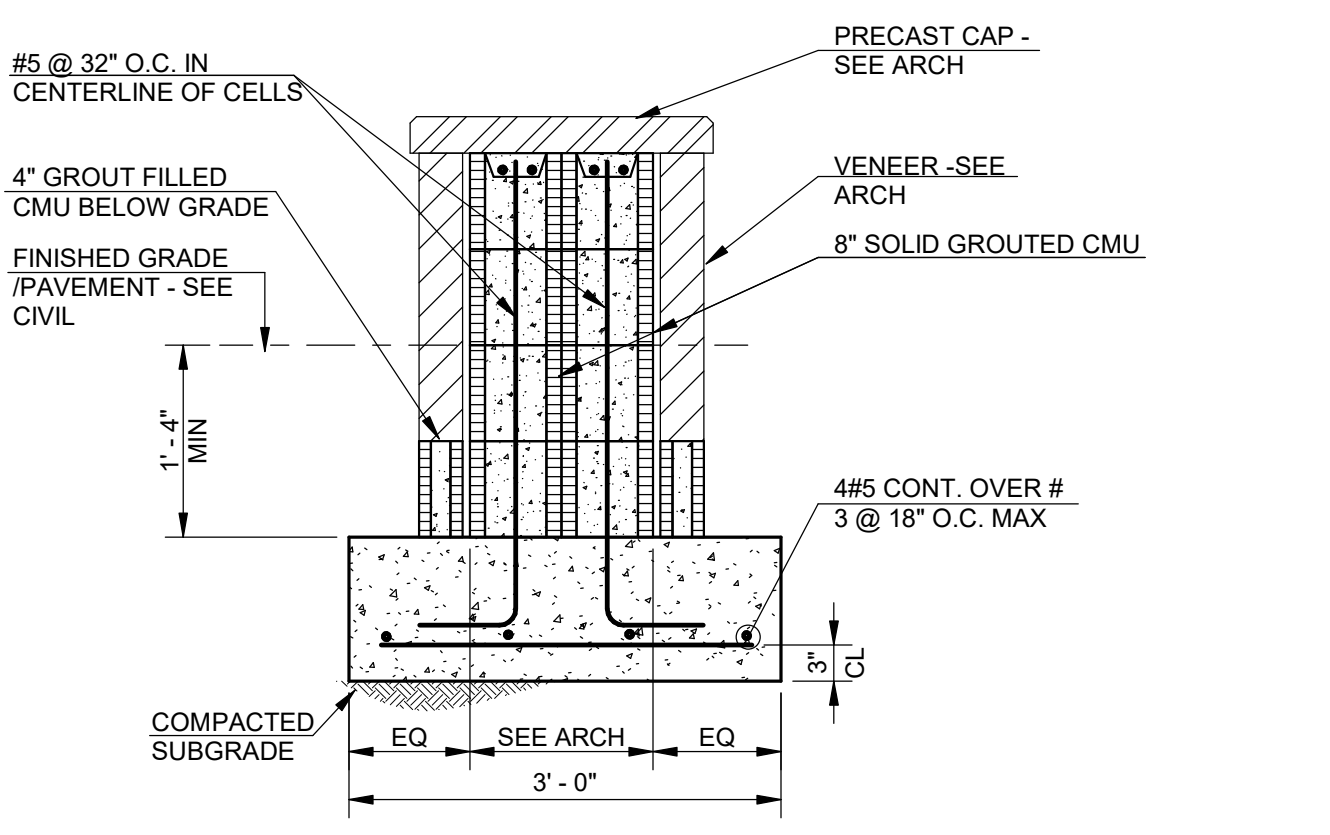
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S1.01



SECTION M
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S1.01

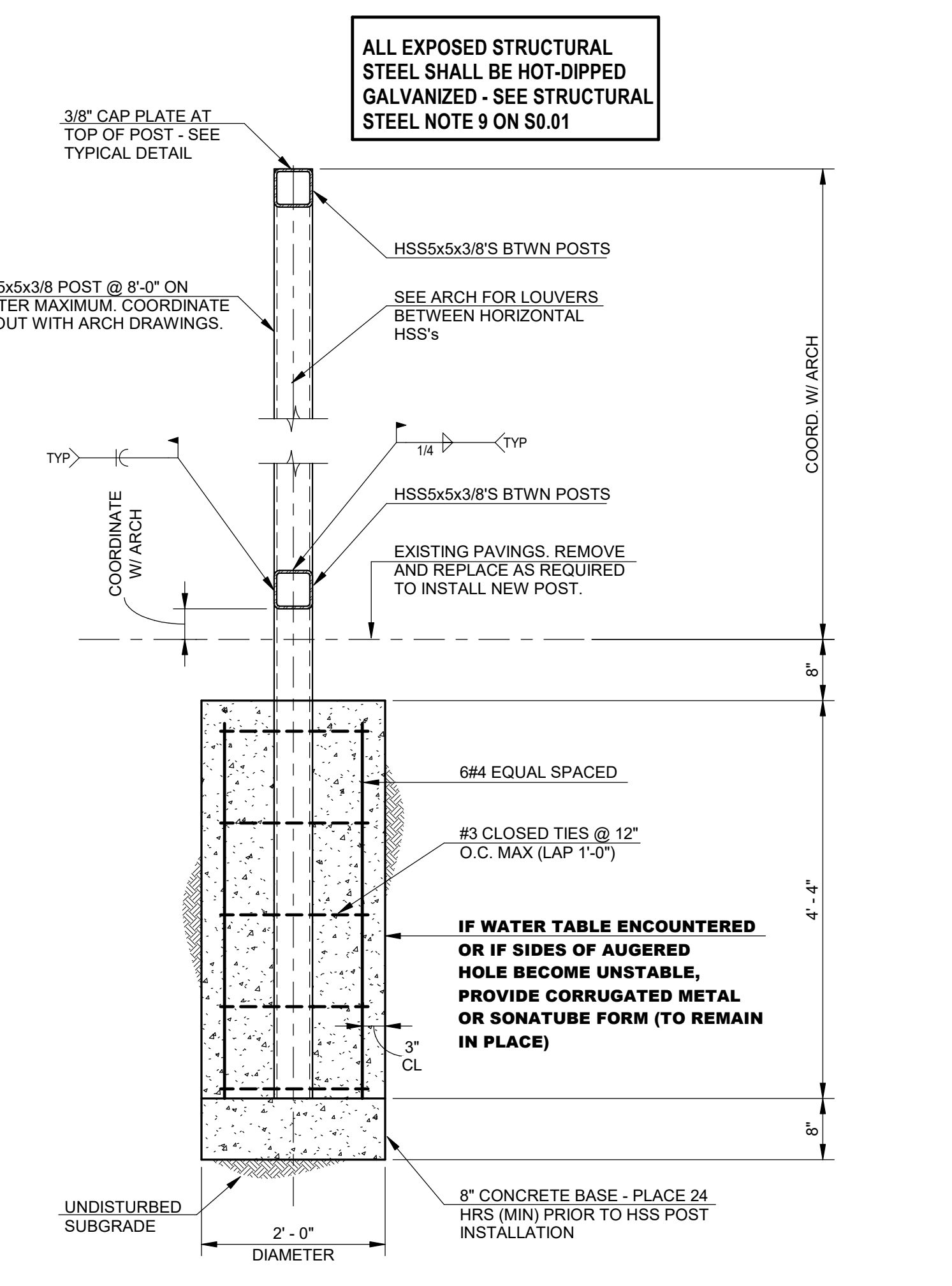


SECTION N
3/4" = 1'-0"
S1.01



DETAIL AT PATIO BENCHES

SECTION P
3/4" = 1'-0"
S1.01



TYPICAL DETAIL AT MECHANICAL SCREEN WALL POSTS
(COORDINATE NUMBER AND LAYOUT WITH ARCHITECTURAL DRAWINGS)

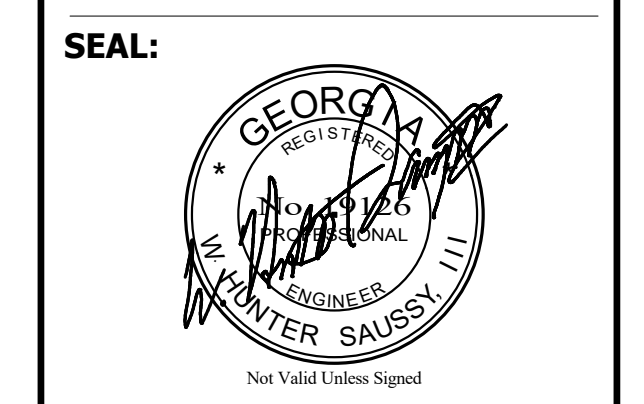
TYPICAL DETAIL K
S1.01

VOL. II SAVANNAH ARTS ACADEMY ADDITION
500 WASHINGTON AVENUE
SAVANNAH, GEORGIA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FUNDING: LOCAL EFFORT 1000
BID NO #: C22-01

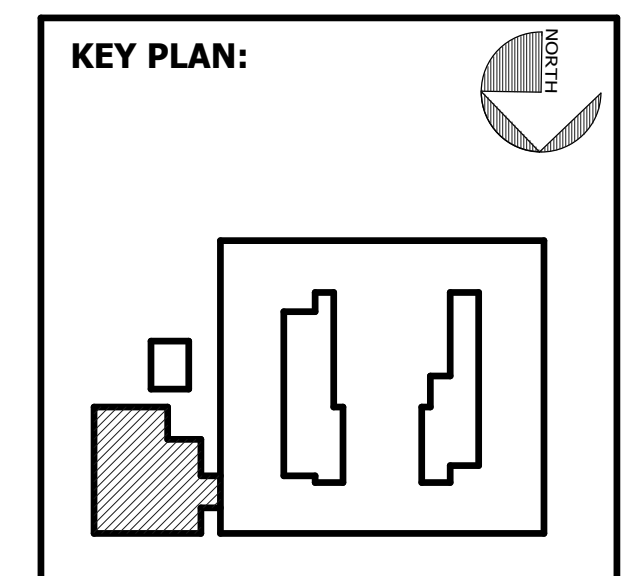
Cogdell Mendra Architects
COGDELL & MENDRALA ARCHITECTS, PC
517 EAST CONGRESS STREET
SAVANNAH, GEORGIA 31401
tel 912.234.6318
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cogdellmendrala.com



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7402 HODGSON MEMORIAL DRIVE,
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SHEET TITLE:
FOUNDATION SECTIONS

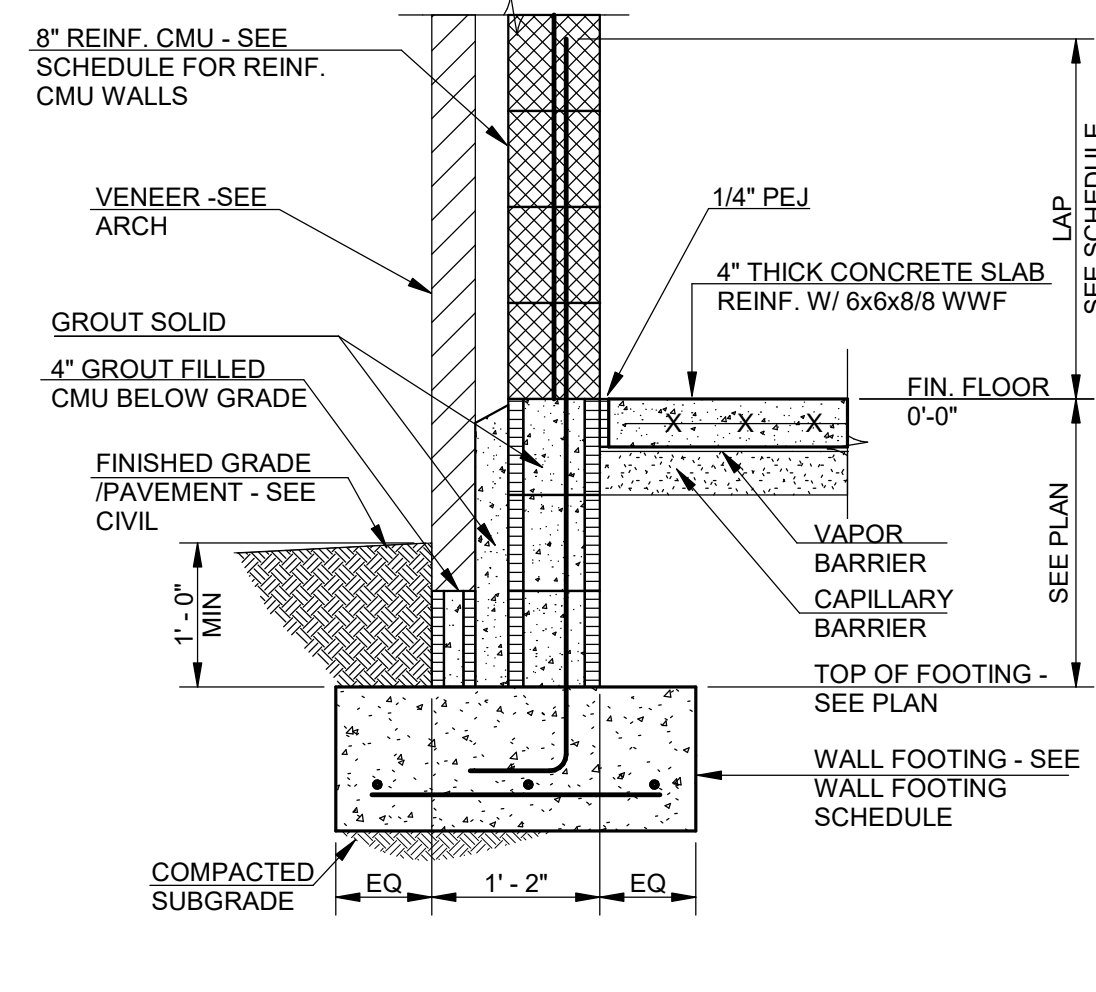
REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO. 20010
DATE: 1916
DRAWN BY: JCG
SCALE: 1'-0"
SHEET: S1.01

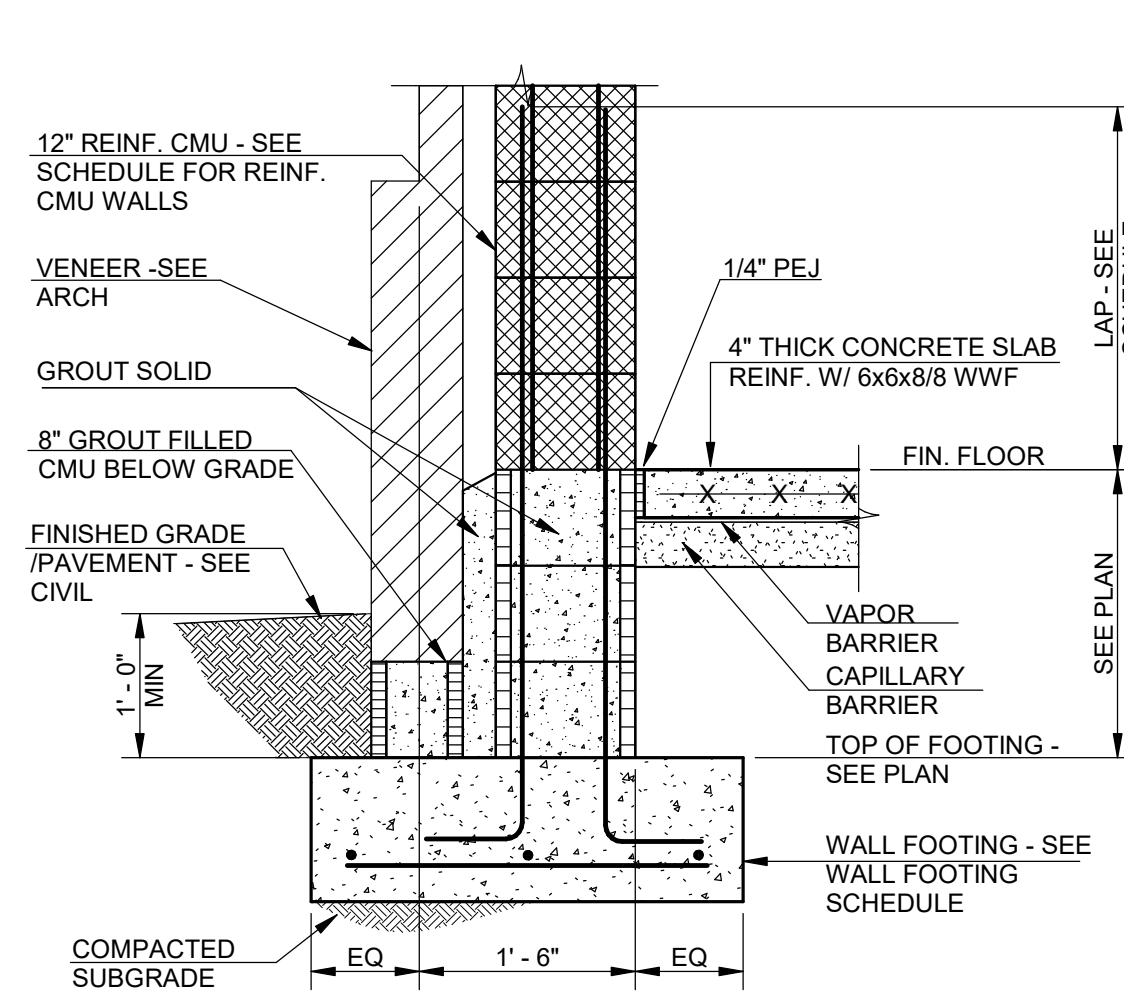
SAUSSY ENGINEERING
400 Johnny Mercer Boulevard • Suite E
P.O. Box 30597 • Savannah, Georgia 31410
Phone: (912) 898-8255 • Fax: (912) 898-1882
PROJECT NO. 20010

\\192.168.1.110\Shared\JOBS 2020\OT\HERS\20010-Savannah Arts Academy Renovations & Addition\1-Revit\20010 Savannah Arts - RT\19.04

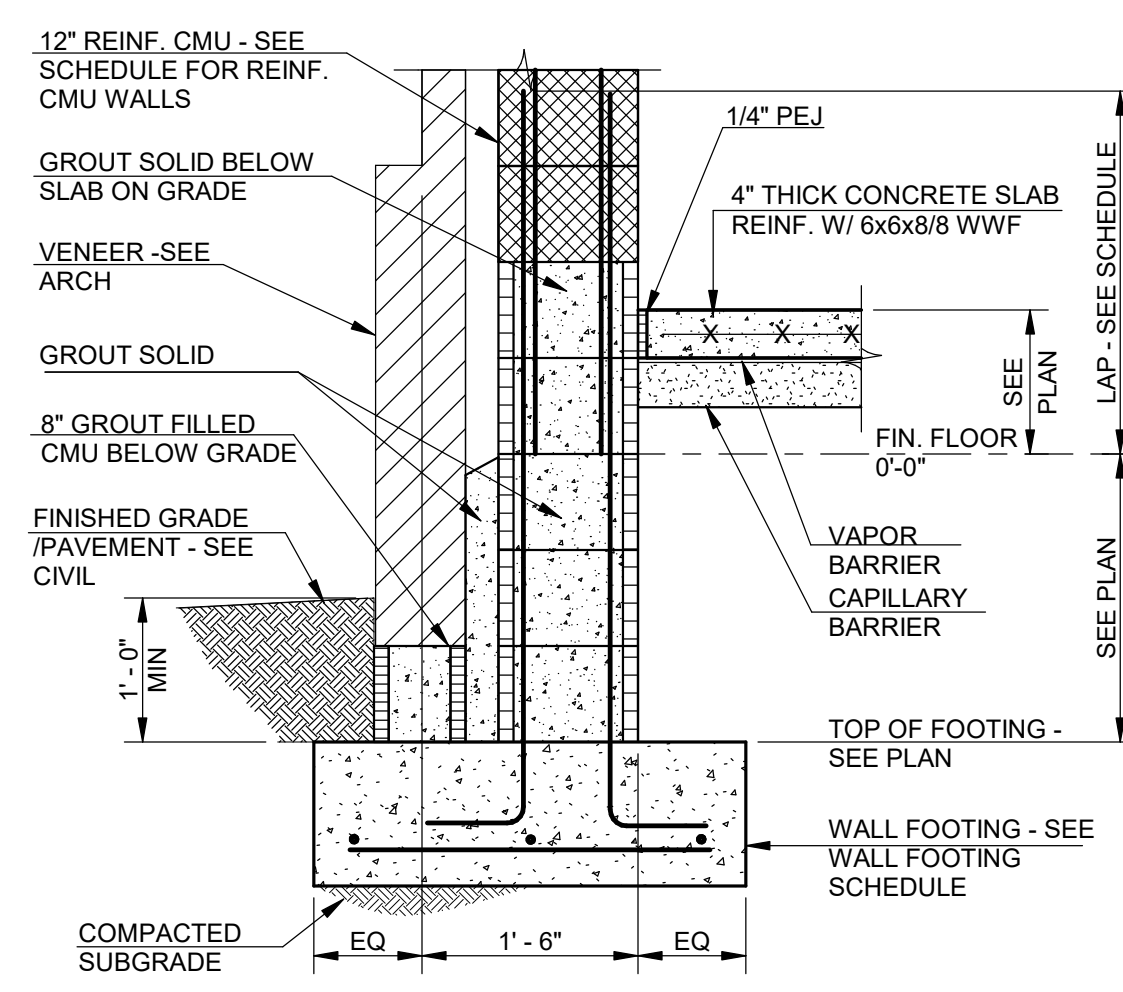
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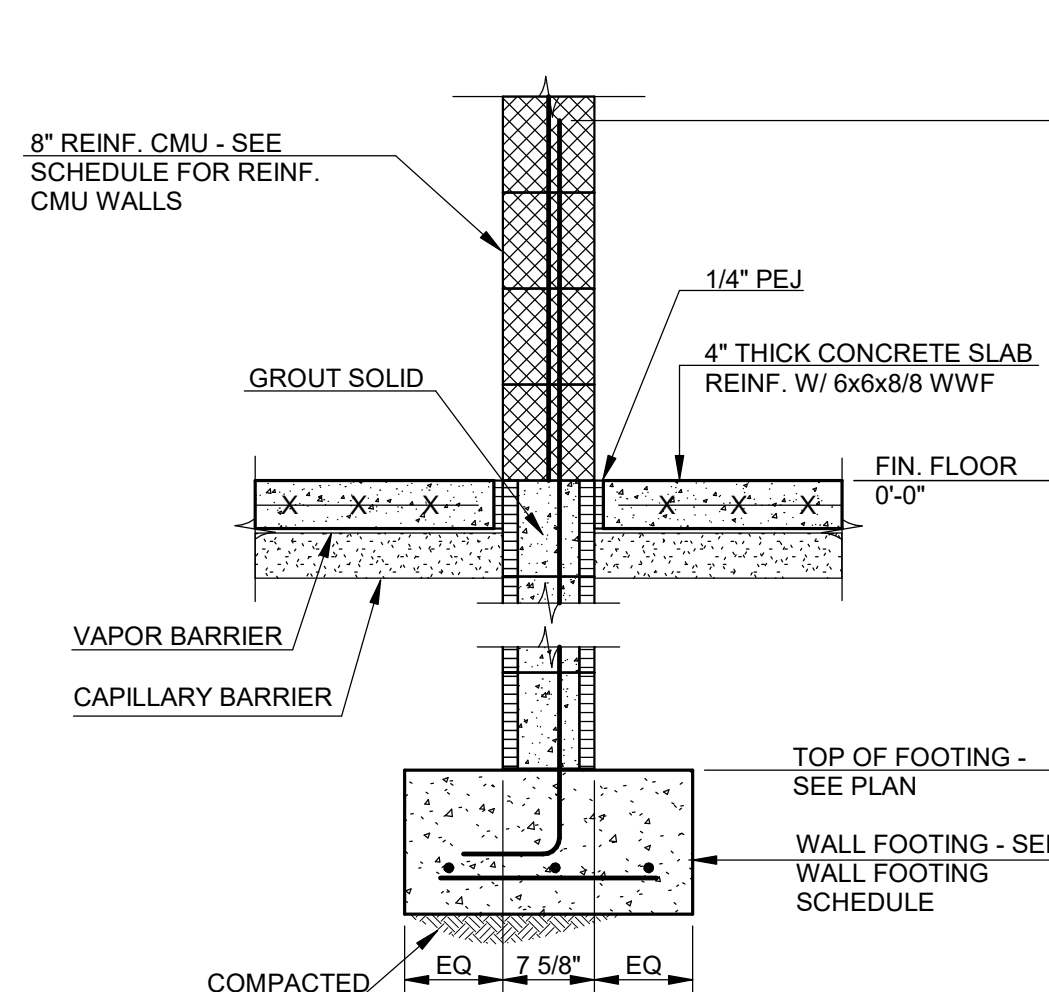
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S1.01



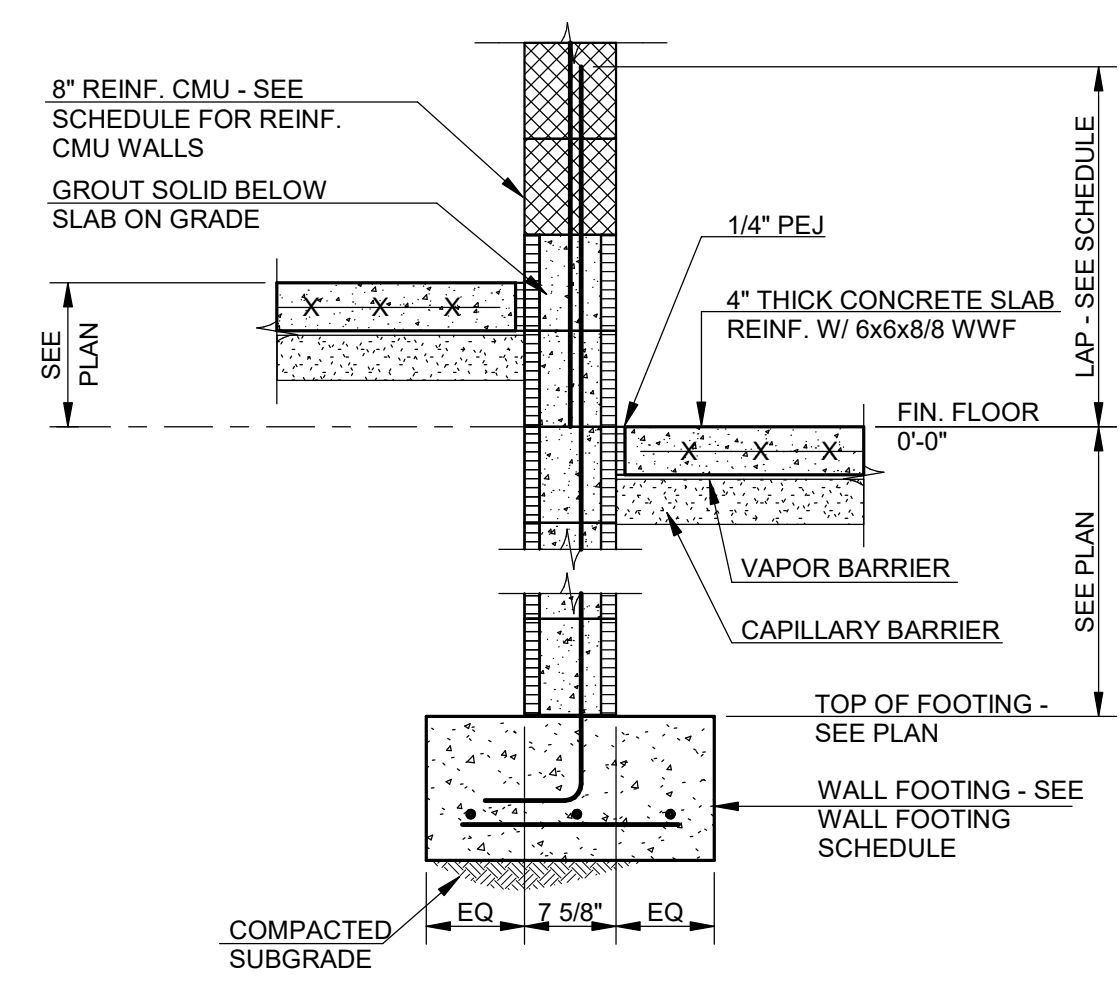
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S1.01



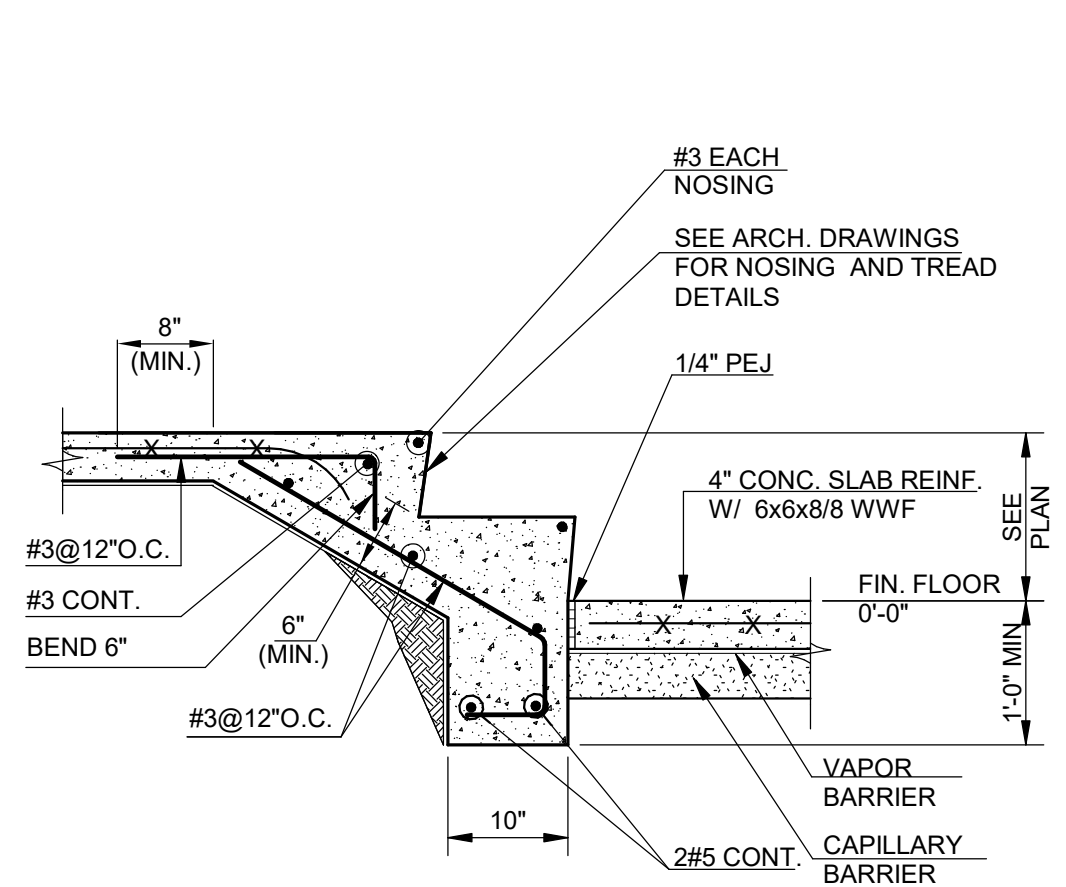
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S1.01



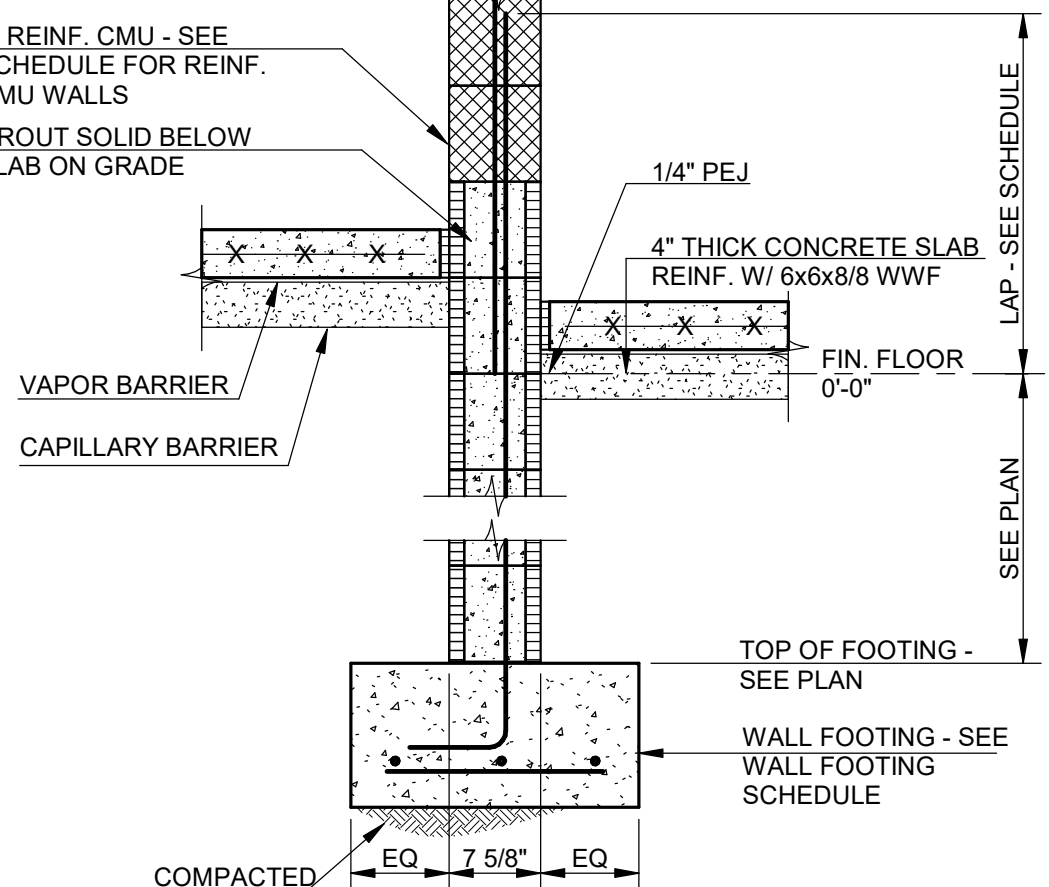
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S1.01



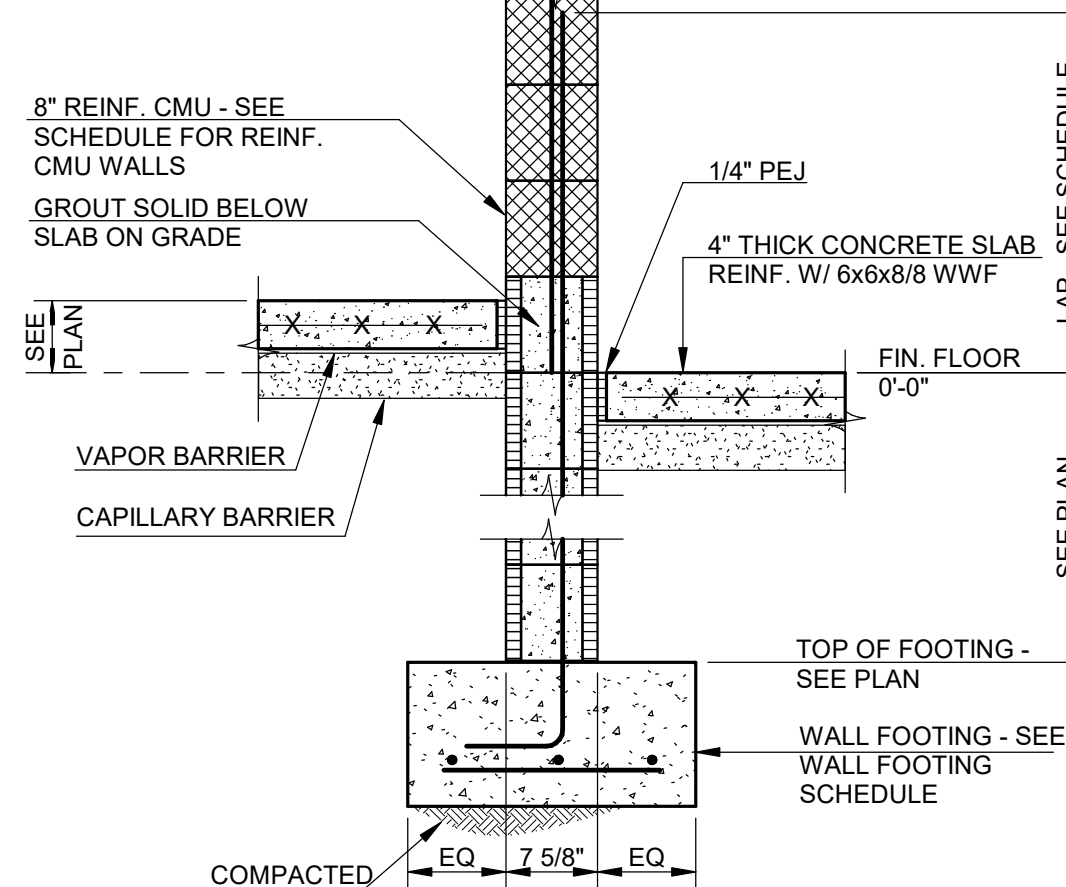
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S1.01



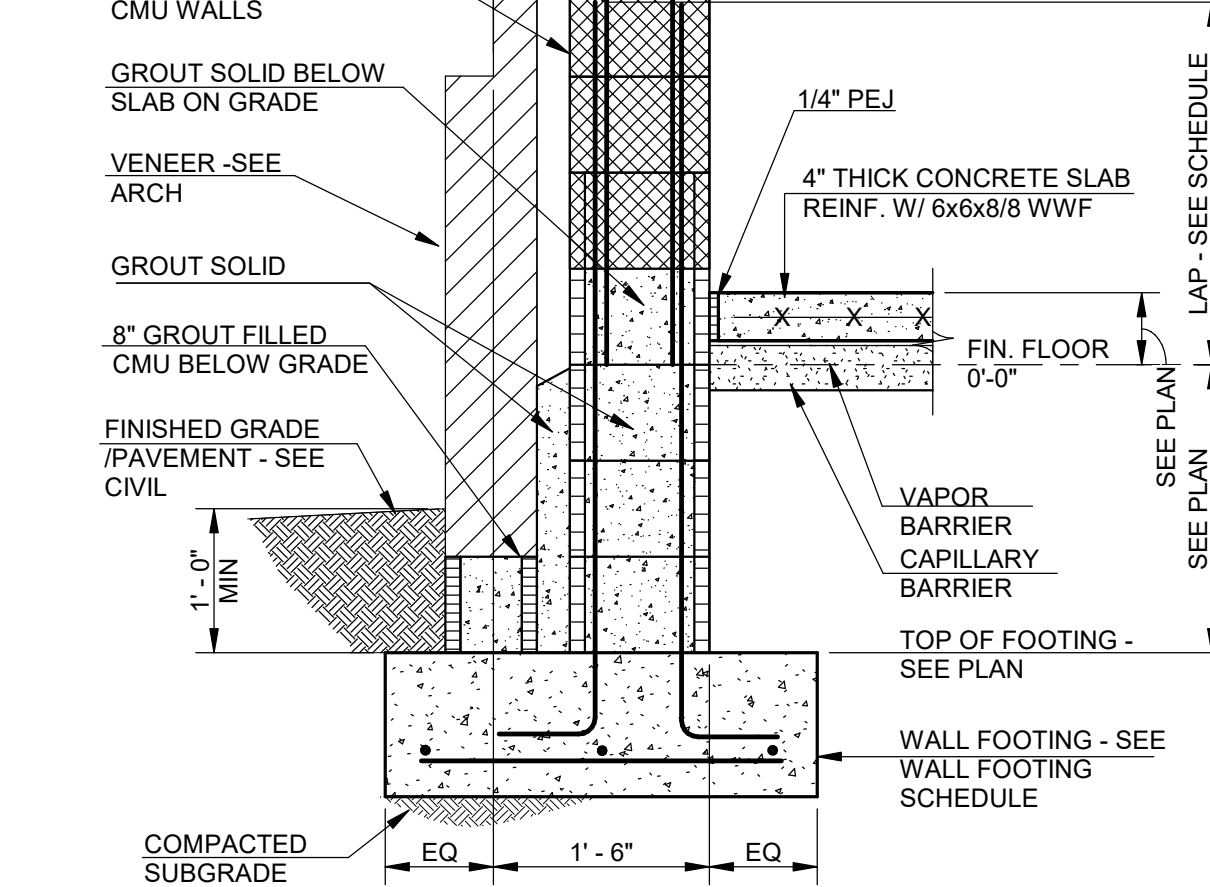
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S1.01



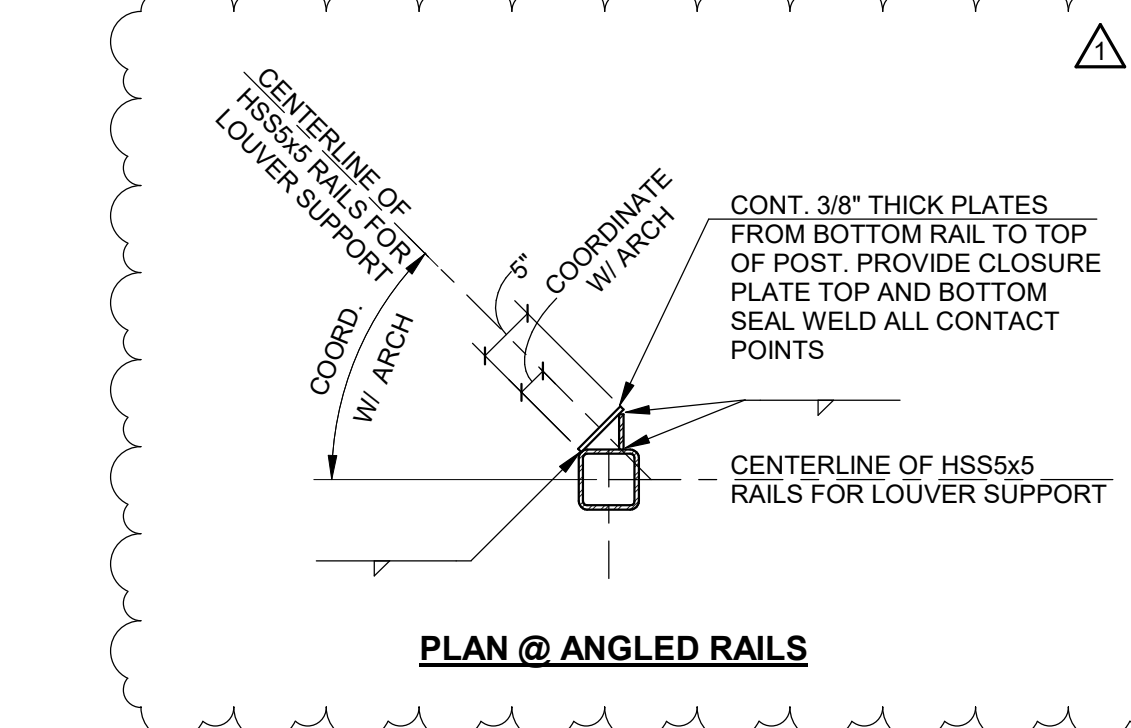
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S1.01



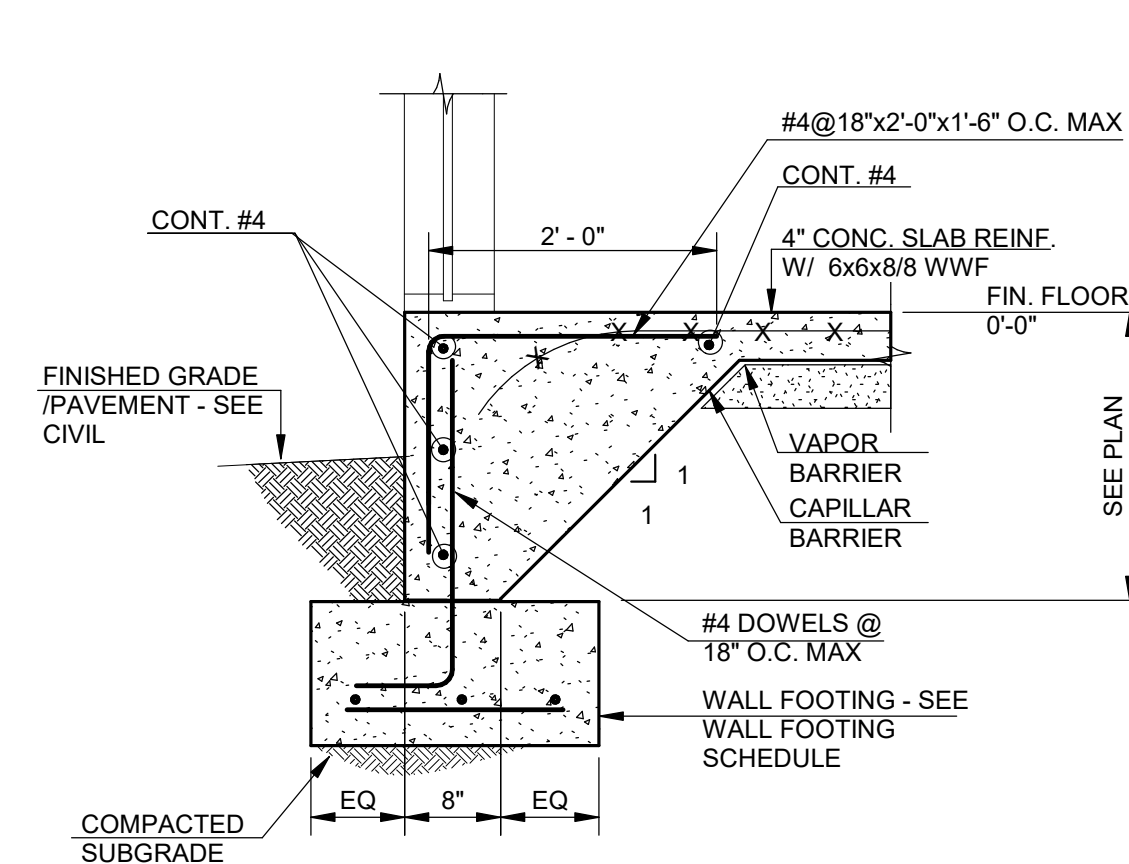
SECTION H
3/4" = 1'-0"
S1.01



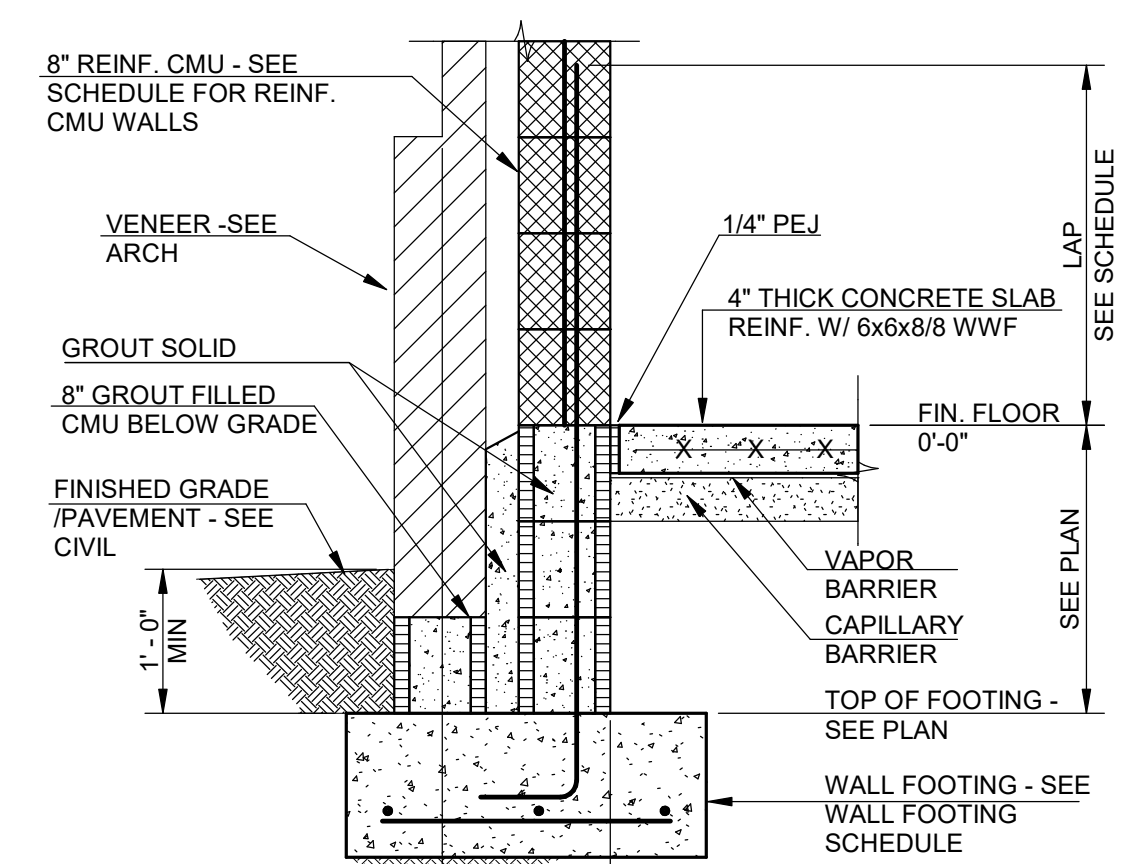
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S1.01



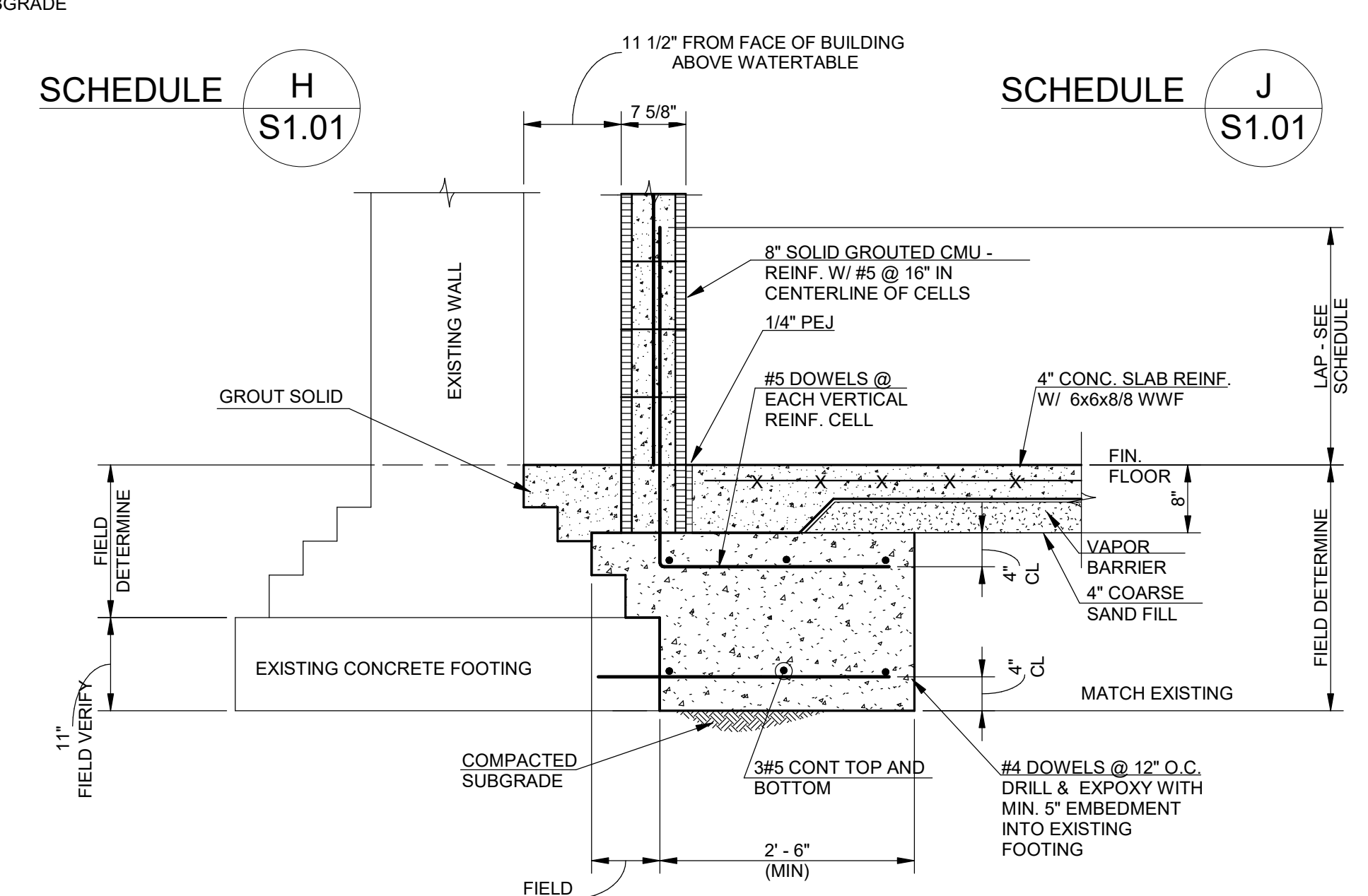
ALL EXPOSED STRUCTURAL STEEL SHALL BE HOT-DIPPED GALVANIZED - SEE STRUCTURAL STEEL NOTE 9 ON S0.01



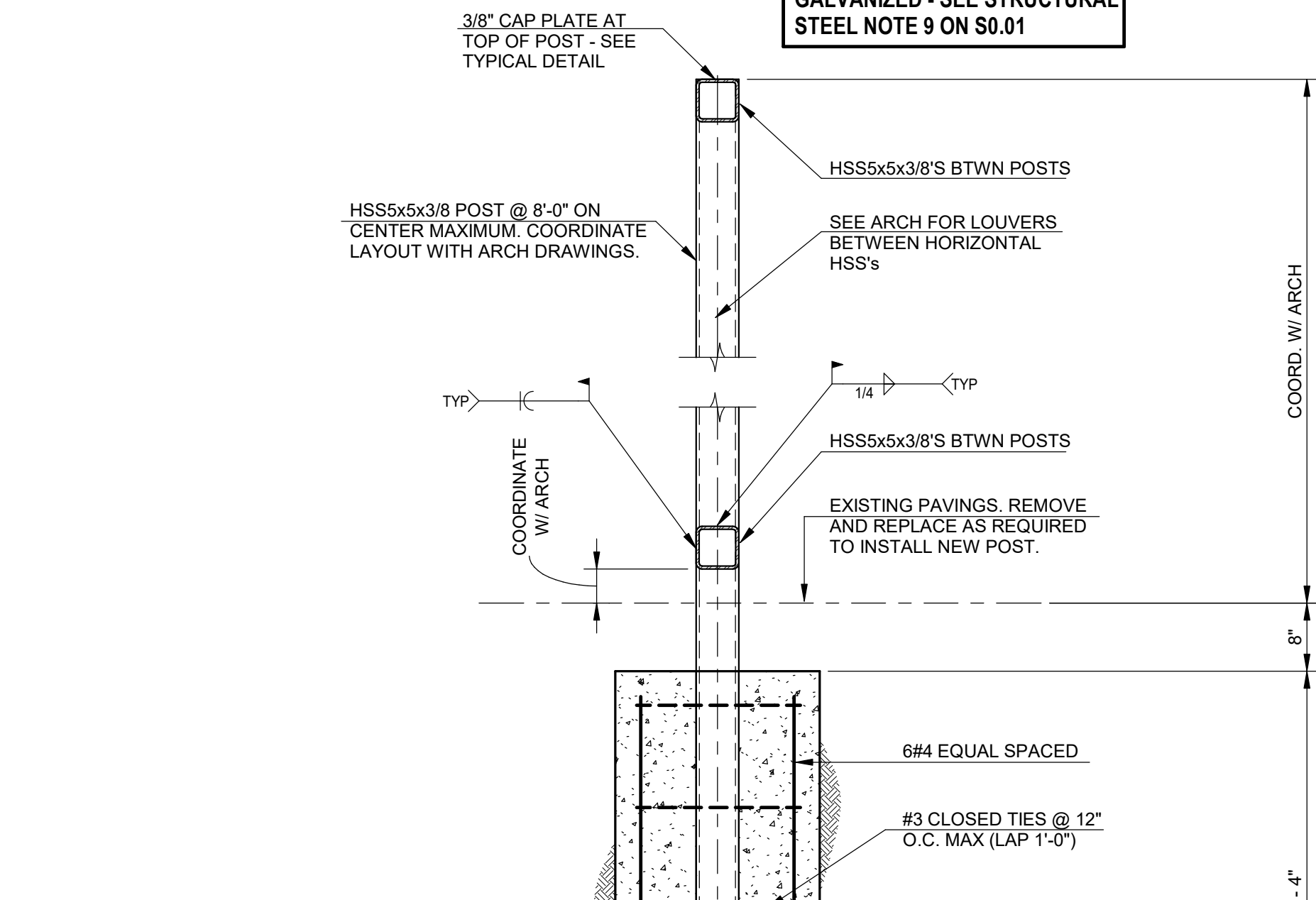
SECTION L
3/4" = 1'-0"
S1.01



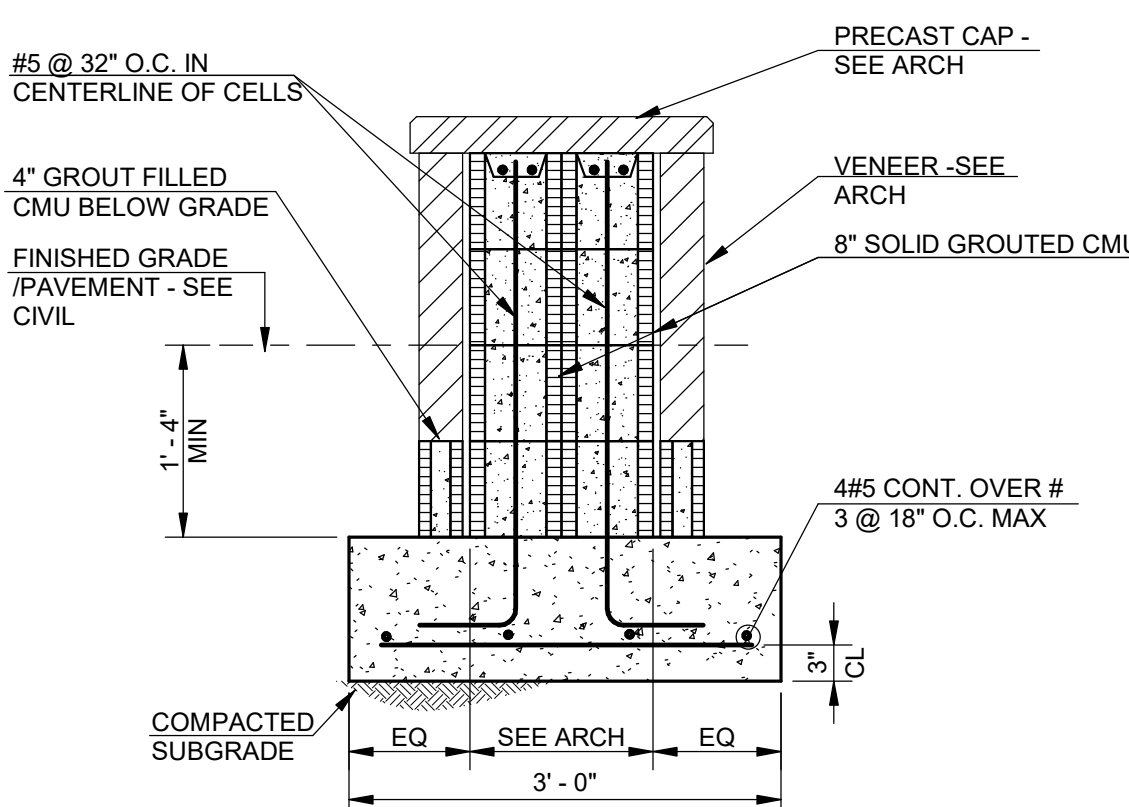
SECTION M
3/4" = 1'-0"
S1.01



SCHEDULE H
3/4" = 1'-0"
S1.01

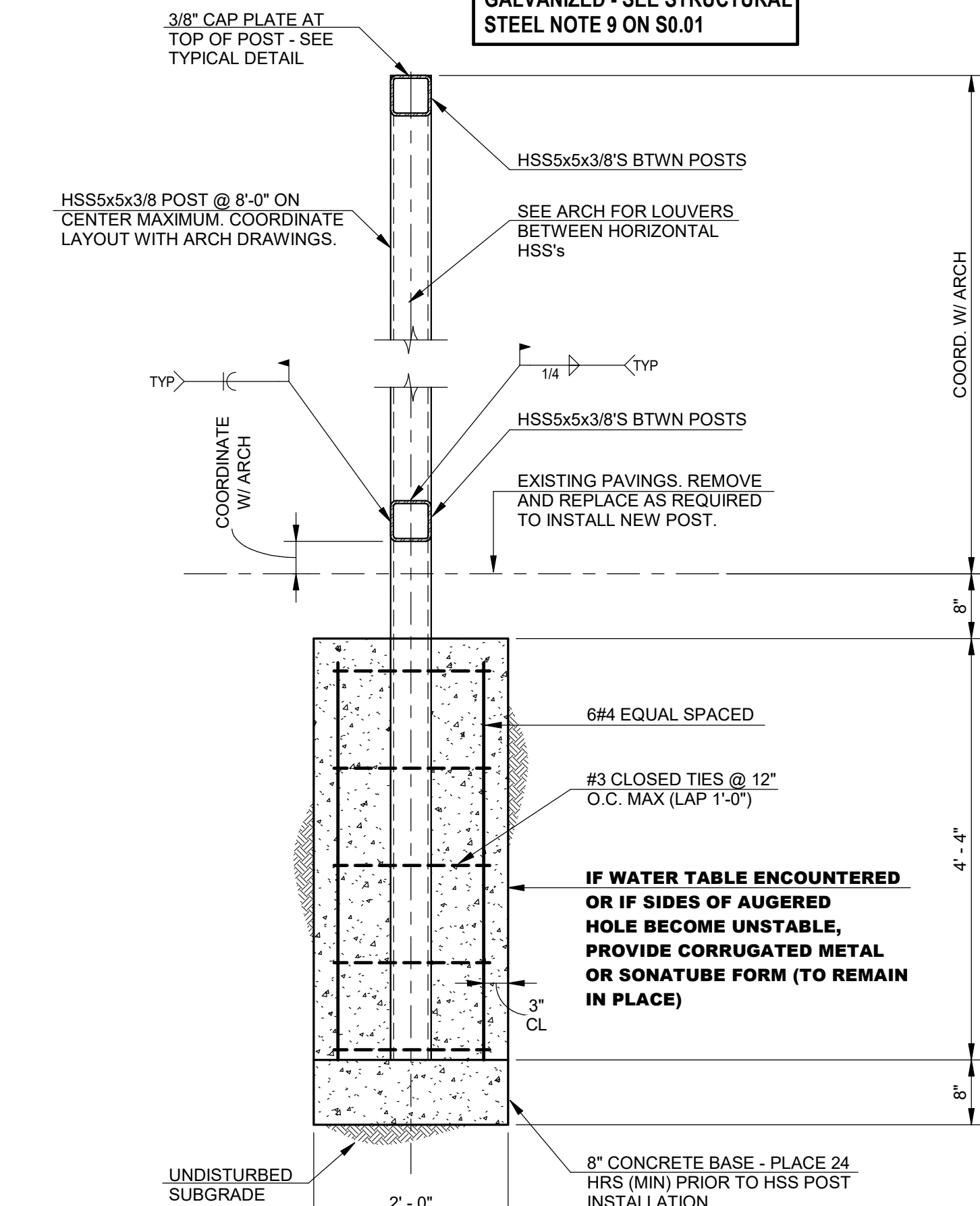


SCHEDULE J
3/4" = 1'-0"
S1.01



DETAIL AT PATIO BENCHES

SECTION P
3/4" = 1'-0"
S1.01



TYPICAL DETAIL AT MECHANICAL SCREEN WALL POSTS
(COORDINATE NUMBER AND LAYOUT WITH ARCHITECTURAL DRAWINGS)

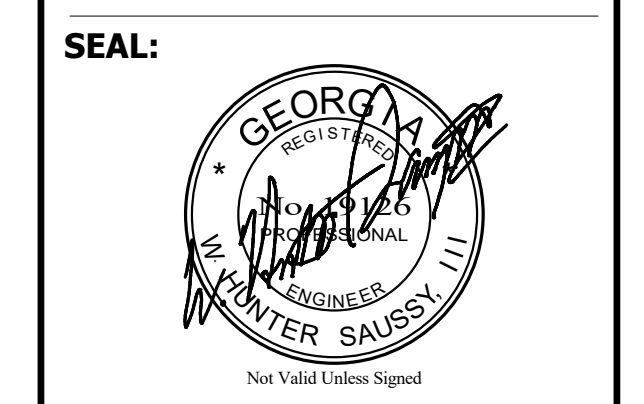
TYPICAL DETAIL K
S1.01

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CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO #: C22-01

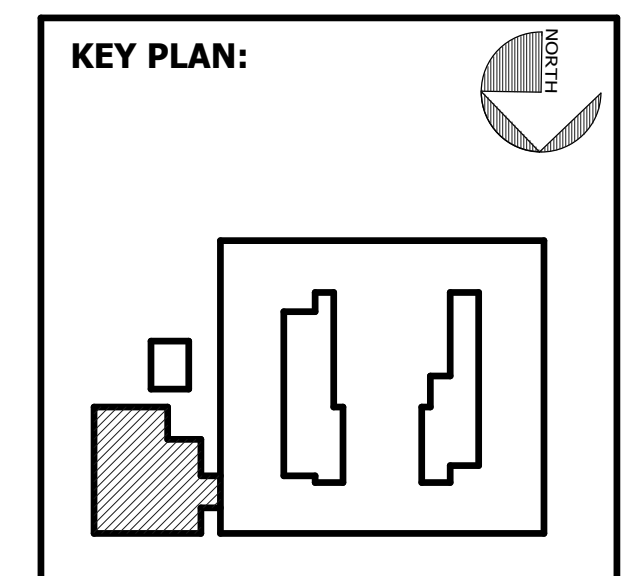
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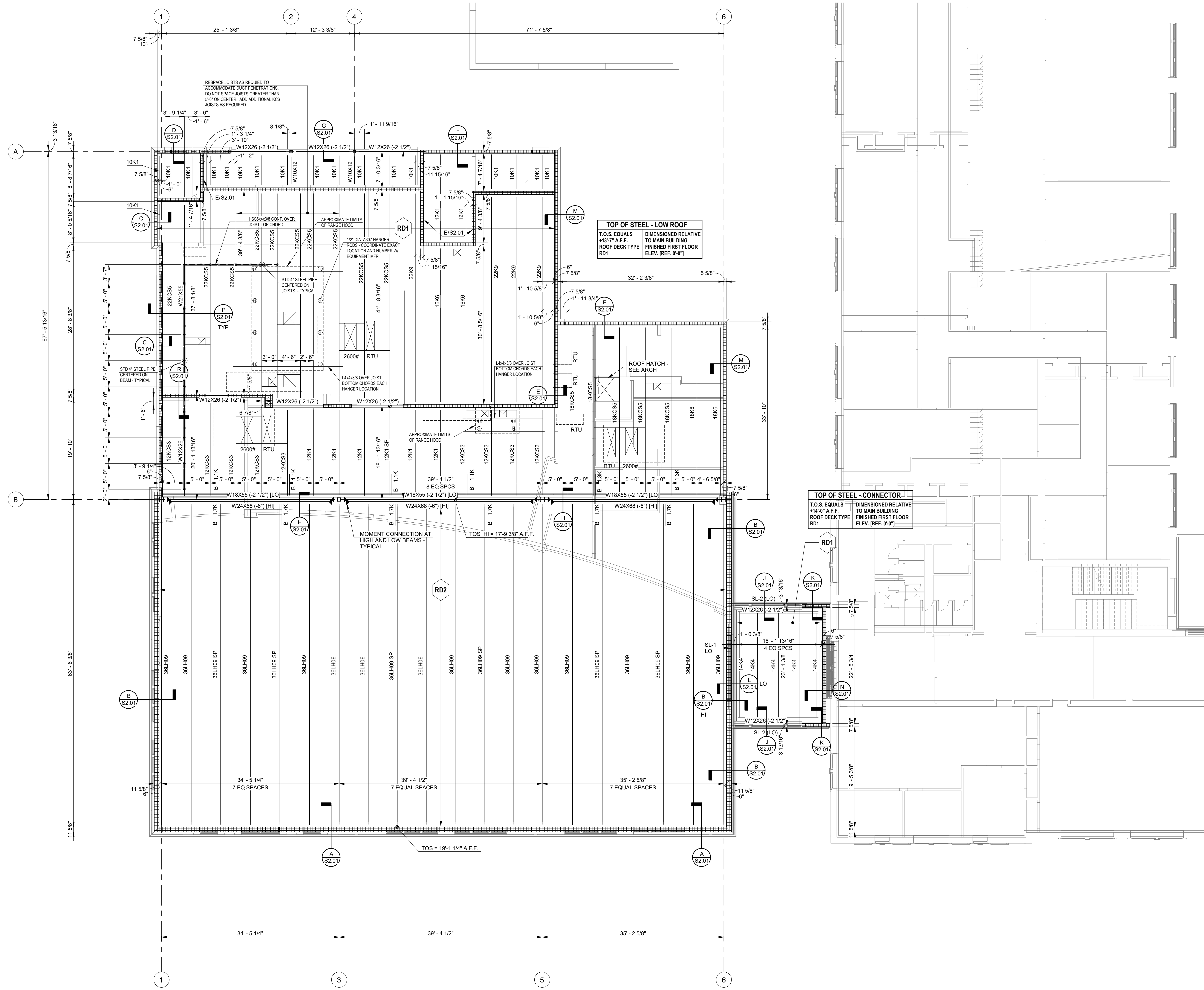


SHEET TITLE:
FOUNDATION SECTIONS

REVISION SCHEDULE	
DATE	DESCRIPTION
3/14/2022	Addendum #1

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JCG
SCALE: 3/4" = 1'-0"
SHEET: **S1.01**

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PROJECT NO. 20010

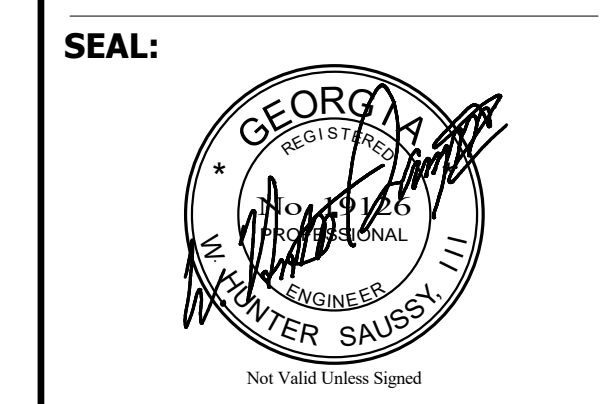


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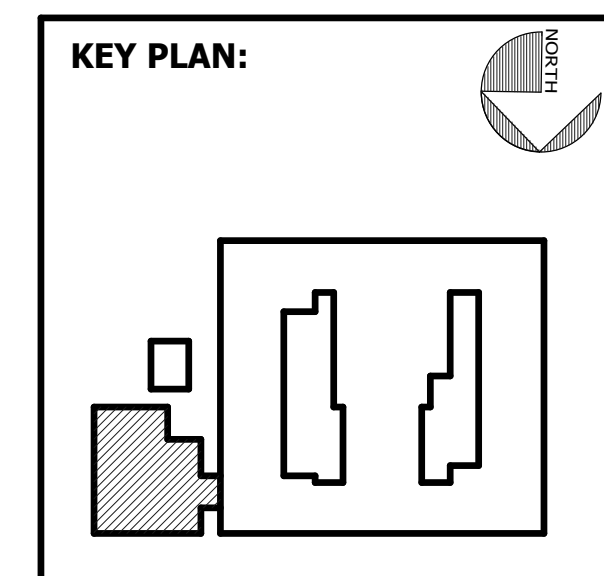
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SHEET TITLE:
ROOF FRAMING PLAN

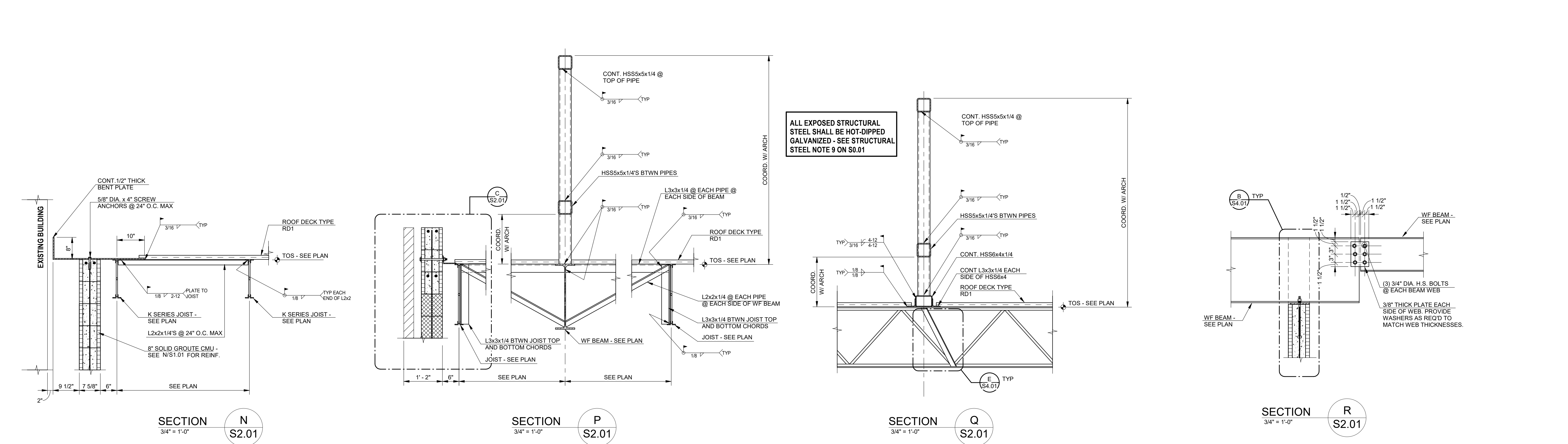
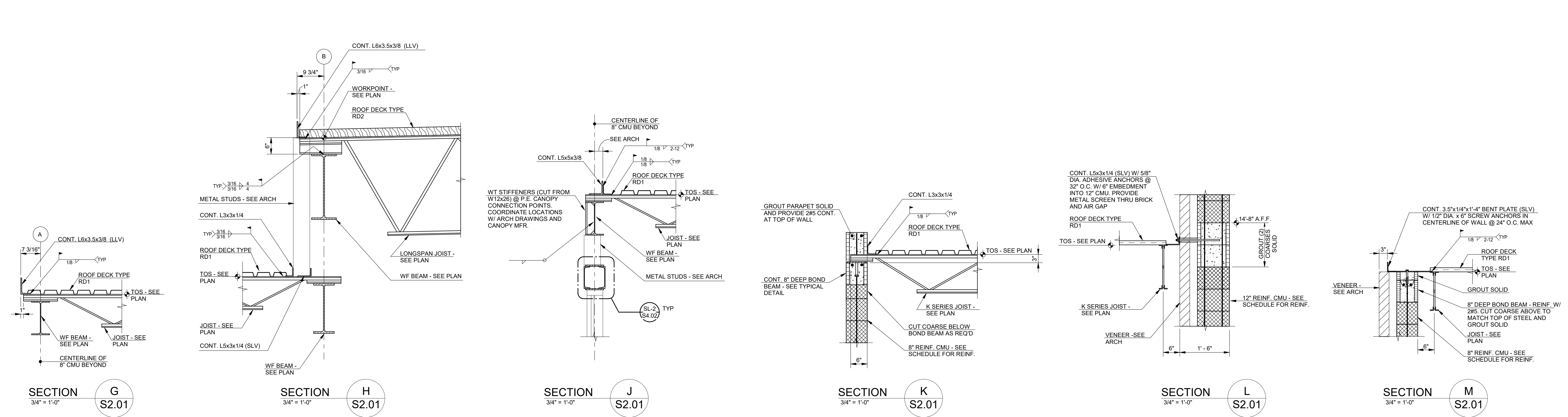
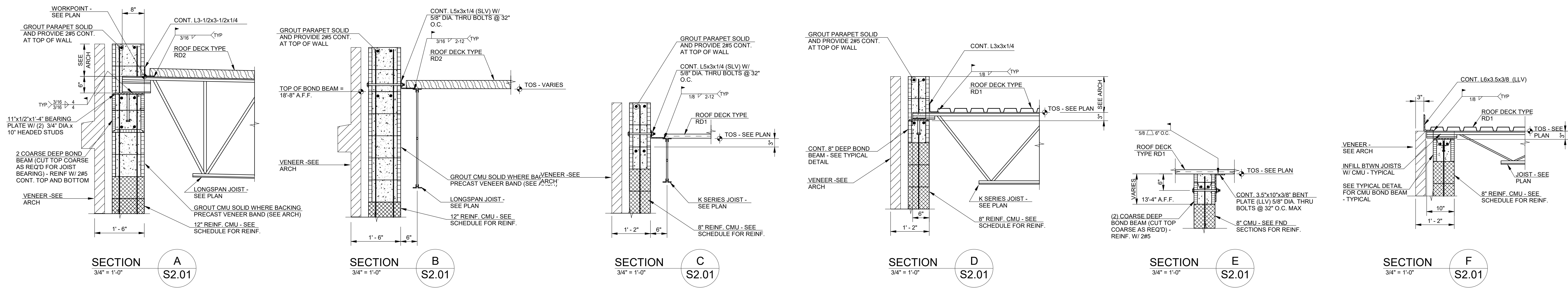
REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JCG
SCALE: 1/8" = 1'-0"
SHEET: **S2.00**

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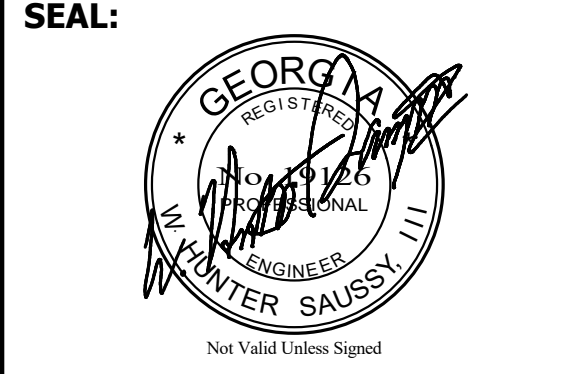
ALL EXPOSED STRUCTURAL STEEL SHALL BE HOT-DIPPED GALVANIZED - SEE STRUCTURAL STEEL NOTE 9 ON S0.01

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BID NO#: C22-01

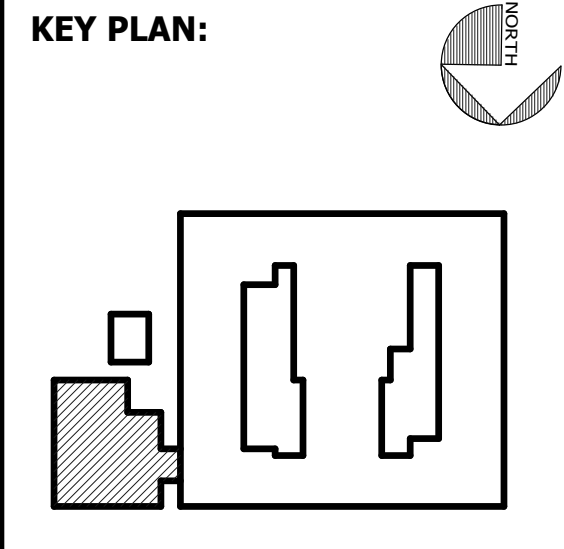
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SHEET TITLE:
ROOF FRAMING SECTIONS

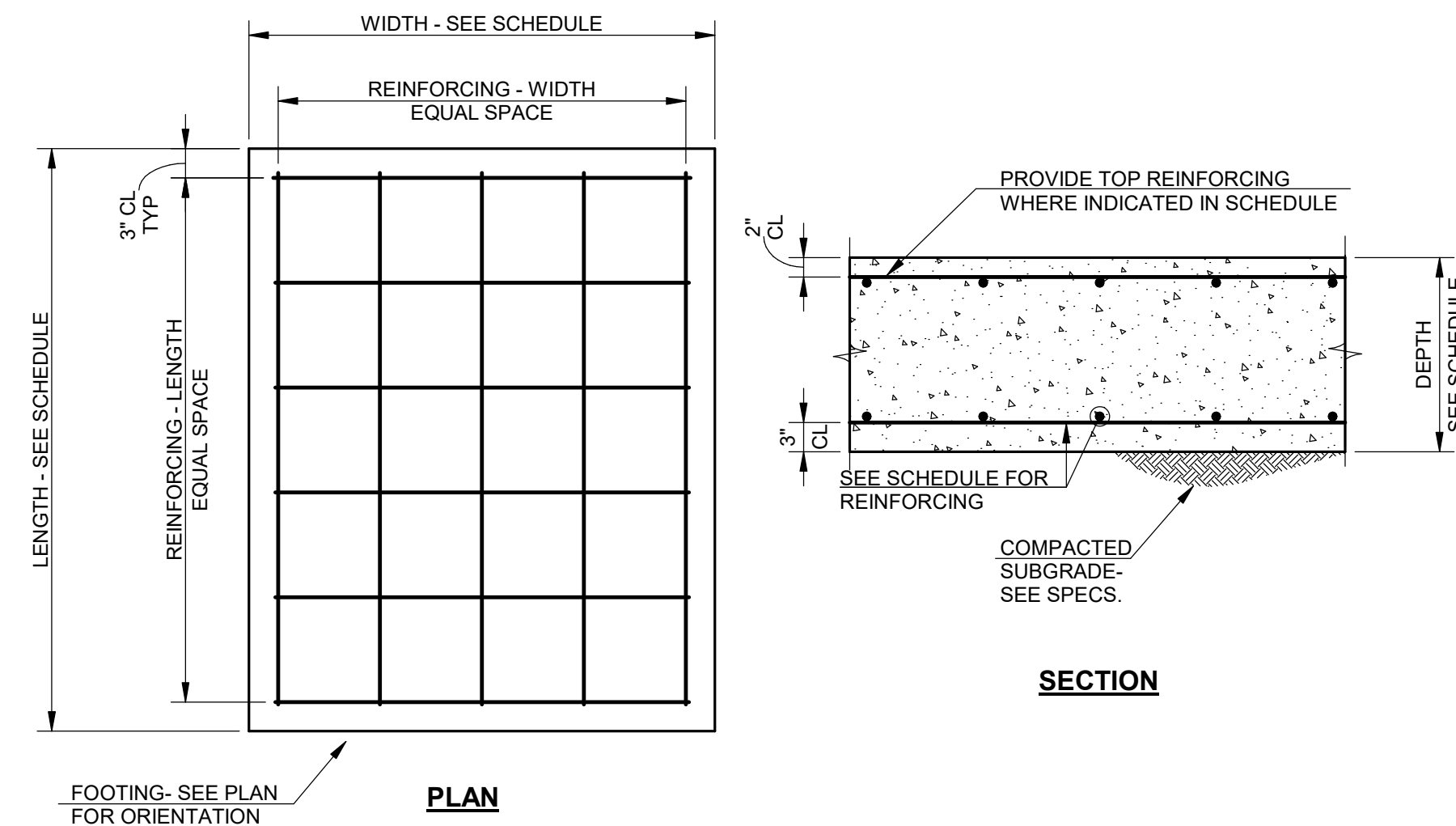
REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
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DRAWN BY: JCG
SCALE: 3/4" = 1'-0"
SHEET: **S2.01**

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COLUMN SCHEDULE - STEEL COLUMNS				
MARK	COLUMN SIZE	BASE PLATE TYPE	FOOTING TYPE	PIER
A-2	HSS6X6X3/8	BP1	F50	
A-4	HSS6X6X3/8	BP1	F50	
B-1	W10X60	BP3	F85	
B-3	HSS6X6X1/2	BP2	F95	
B-5	W10X60	BP3	F95	
B-6	W10X60	BP3	F90	

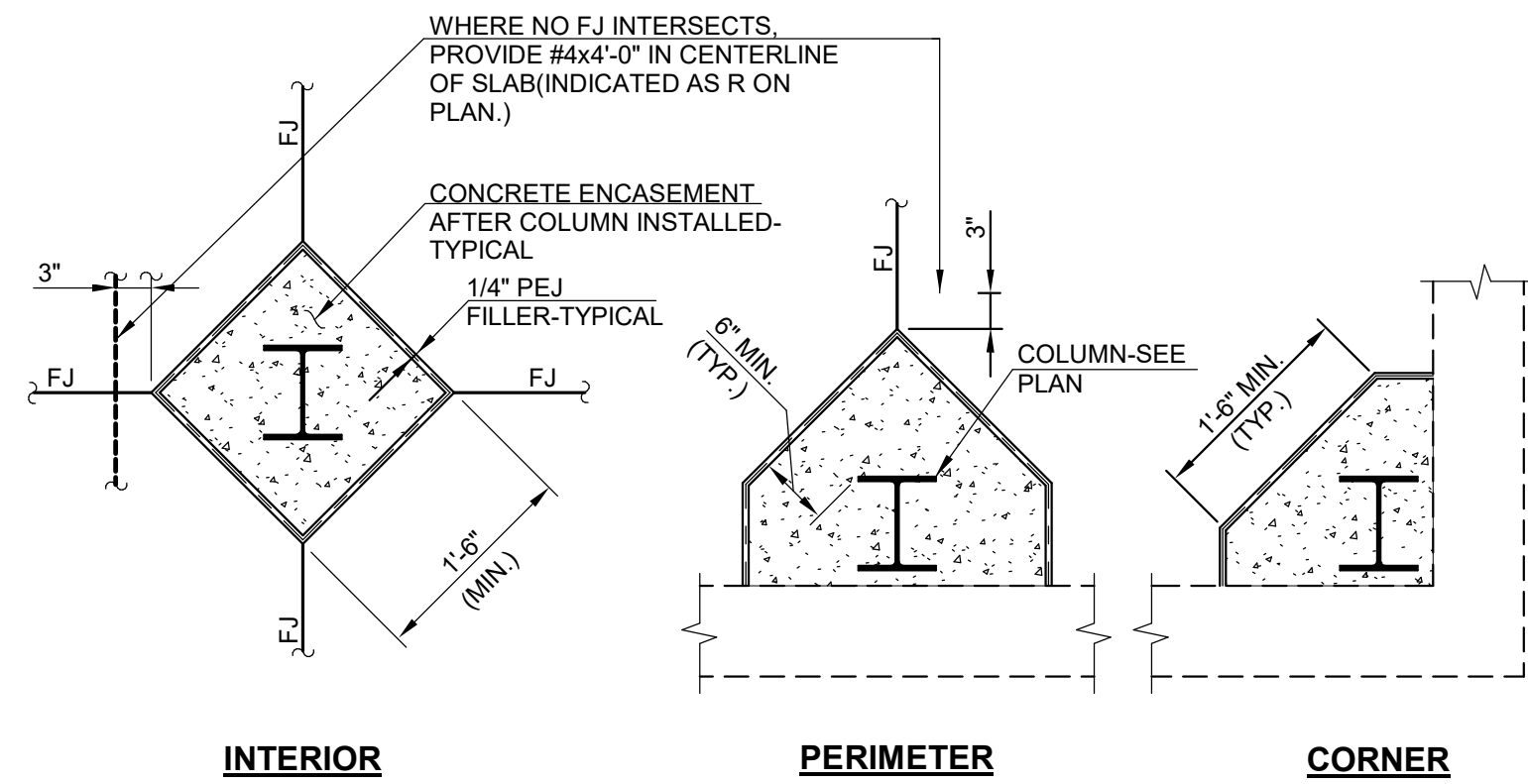
FOOTING SCHEDULE						
MARK	LENGTH	WIDTH	THICKNESS	REINFORCING - LENGTH	REINFORCING - WIDTH	NOTES
F50	5'-0"	5'-0"	1'-0"	6#5	6#5	
F85	8'-6"	8'-6"	2'-0"	9#6	9#6	
F90	9'-0"	9'-0"	2'-0"	10#7	10#7	
F95	9'-6"	9'-6"	2'-0"	10#7	10#7	



FOOTING SCHEDULE REINFORCING DETAIL

- NOTES:
 1. UNLESS NOTED, CENTER FOOTING ON COLUMN OR WALL(S).
 2. UNLESS NOTED IN COLUMN SCHEDULE OR PLAN, PROVIDE BOTTOM REINFORCING ONLY. MAINTAIN A MINIMUM OF 3" CLEAR FROM BOTTOM.
 3. IF TOP REINFORCING IS SCHEDULED, PROVIDE SCHEDULED REINFORCING IN TOP AND BOTTOM. AT BOTTOM MAT MAINTAIN 3" CLEAR FROM BOTTOM AND AT TOP MAT MAINTAIN 2" CLEAR FROM TOP.

TYPICAL DETAIL **A** S3.00

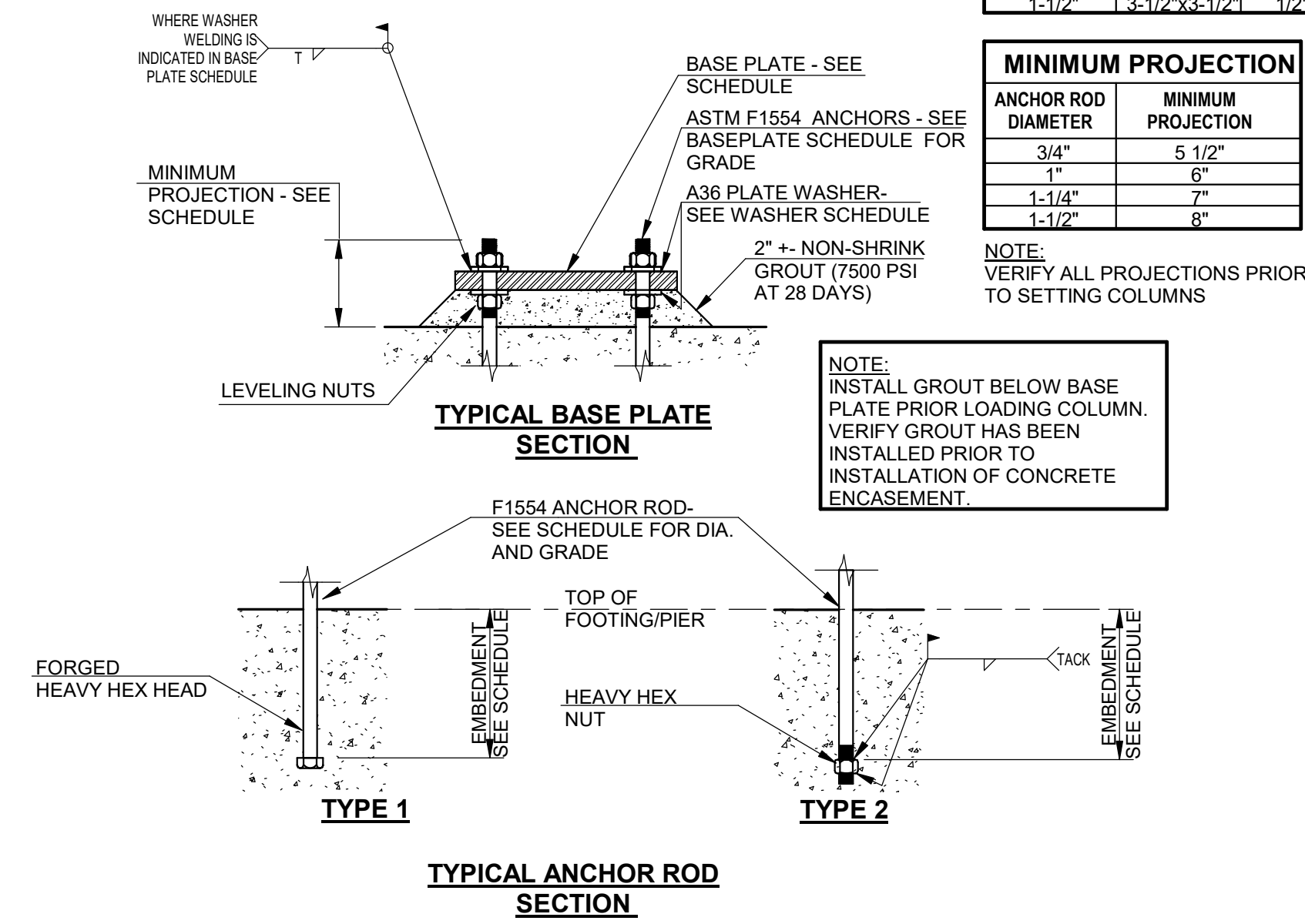


TYP. COLUMN ISOLATION JOINT DETAIL @ CONCRETE SLABS
(WF COLUMNS SHOWN; TS COLUMNS SAME)

TYPICAL DETAIL **D** S3.00

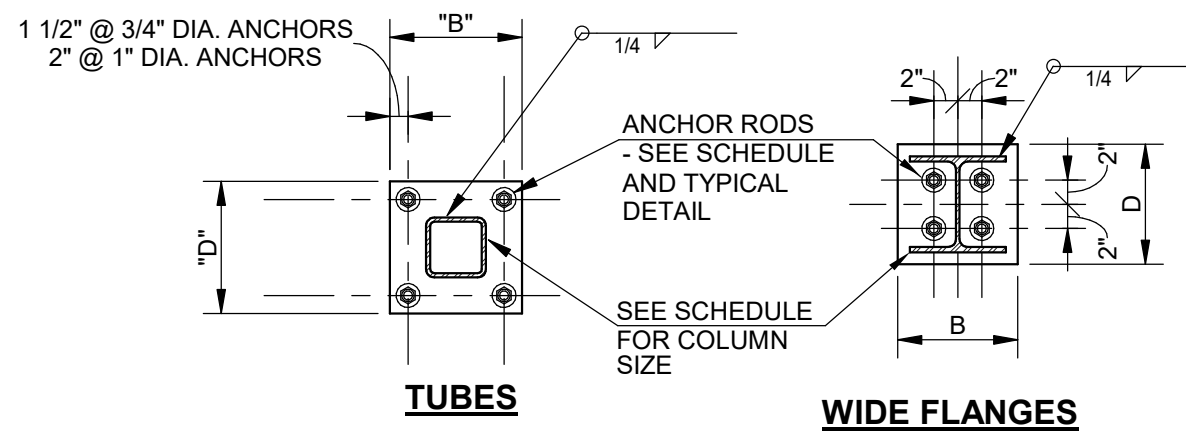
WASHER SCHEDULE			
ANCHOR ROD DIAMETER	WASHER SIZE	THICKNESS	FILLET WELD THICKNESS
3/4"	2"x2"	1/4"	3/16"
1"	2-1/2"x2-1/2"	3/8"	1/4"
1-1/4"	3"x3"	1/2"	5/16"
1-1/2"	3-1/2"x3-1/2"	1/2"	5/16"

MINIMUM PROJECTION	
ANCHOR ROD DIAMETER	MINIMUM PROJECTION
3/4"	5 1/2"
1"	6"
1-1/4"	7"
1-1/2"	8"



BASE PLATE SCHEDULE								
MARK	SIZE		THICKNESS	ANCHOR RODS		WELD WASHERS	NOTES	
	D	B		#	DIA.			
BP1	12"	12"	3/4"	4	3/4"	36	NO	
BP2	15"	15"	1"	4	1"	20"	36	YES
BP3	12"	12"	1"	4	1"	20"	36	YES

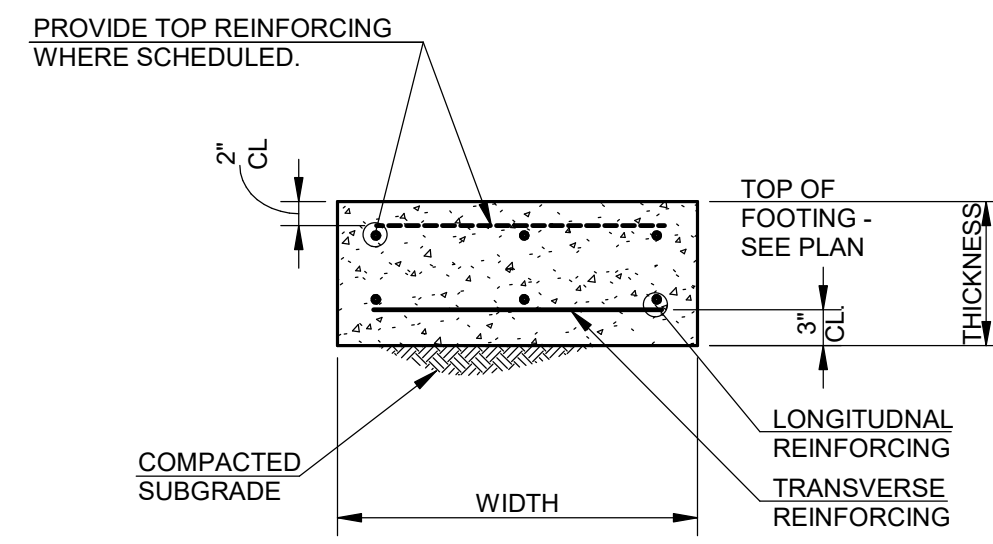
- NOTES:
 1. PROVIDE ANCHOR ROD HOLES SIZES IN BASEPLATES IN ACCORDANCE WITH TABLE 14-2 A.I.S.C. MANUAL OF STEEL CONSTRUCTION 13TH EDITION (EXCLUDE NOTE 3).
 2. ANCHOR RODS SHALL BE ASTM F1554 AND GRADE SHALL BE AS INDICATED IN SCHEDULE.
 3. SEE TYPICAL ANCHOR ROD DETAILS FOR WELD THICKNESS.
 4. WHERE BASEPLATE IS SUPPORTED ON CONCRETE PIER, MINIMUM ANCHOR ROD EMBEDMENT IS 12".



TYPICAL BASE PLATE DETAILS
(UNLESS DETAILED OTHERWISE)

SCHEDULE **B** S3.00

WALL FOOTING SCHEDULE						
MARK	WIDTH	THICKNESS	LONGITUDINAL REINFORCING - BOTTOM	TRANSVERSE REINFORCING - BOTTOM	LONGITUDINAL REINFORCING - TOP	TRANSVERSE REINFORCING - TOP
WF20	2'-0"	1'-0"	3#4 CONTINUOUS	#3 @ 18" O.C.		
WF25	2'-6"	1'-0"	3#5 CONTINUOUS	#3 @ 18" O.C.		
WF35	3'-6"	1'-0"	4#5 CONTINUOUS	#3 @ 18" O.C.		



SCHEDULED WALL FOOTING DETAIL

- NOTE:
 1. SEE FOUNDATION SECTIONS FOR DIMENSIONS RELATIVE TO WALL.
 2. PROVIDE DOWELS IN FOUNDATION SAME SIZE AND LOCATIONS AS VERTICAL WALL REINFORCING.

SCHEDULE **C** S3.00

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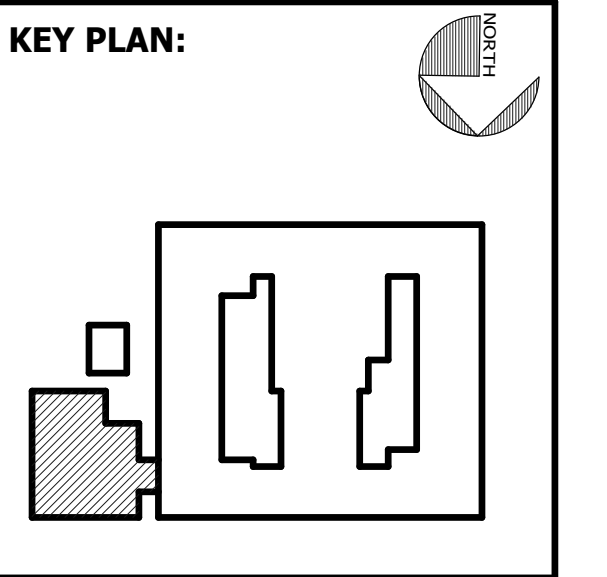


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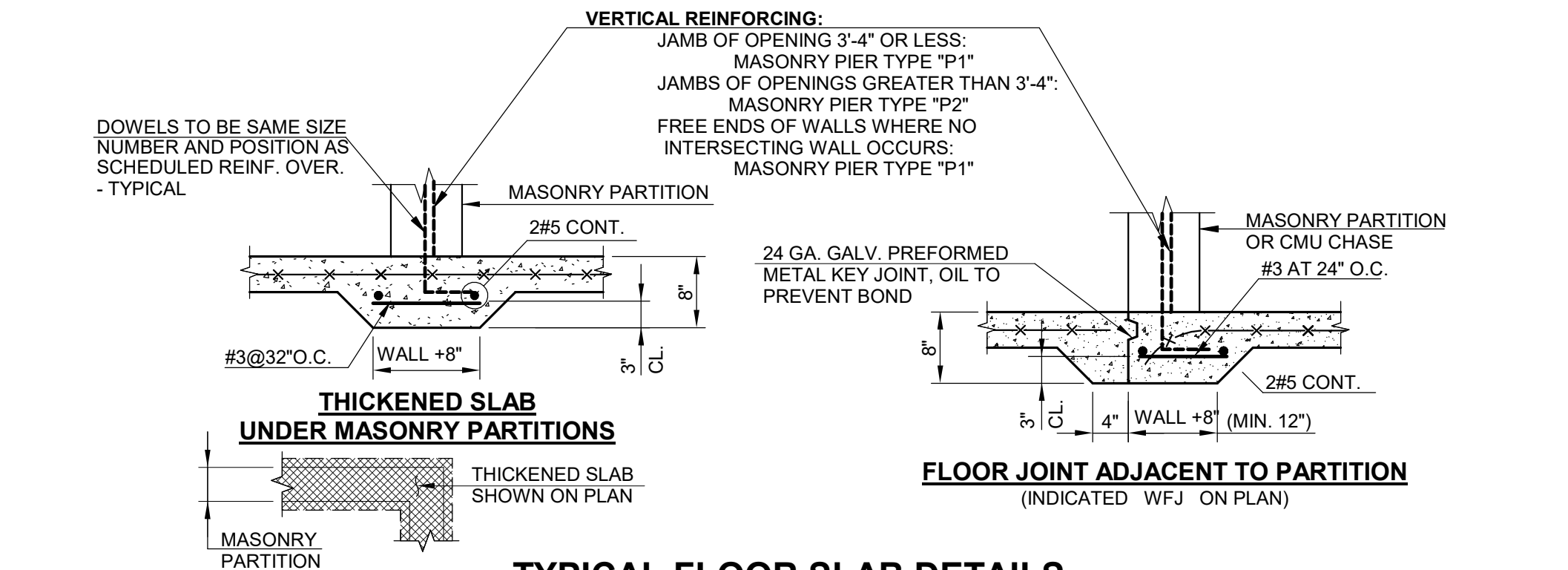
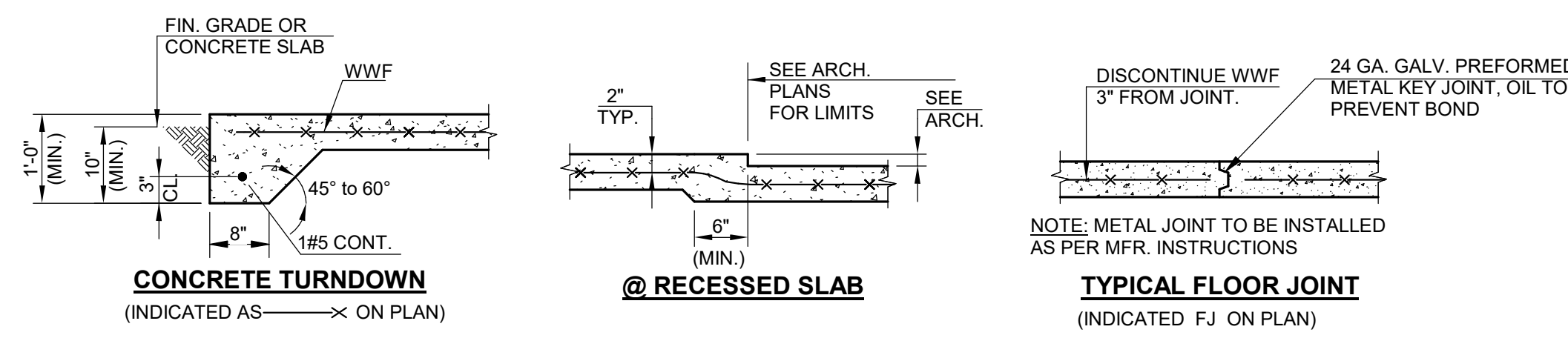


SHEET TITLE:
COLUMN AND FOUNDATION SCHEDULE

REVISION SCHEDULE	
DATE	DESCRIPTION

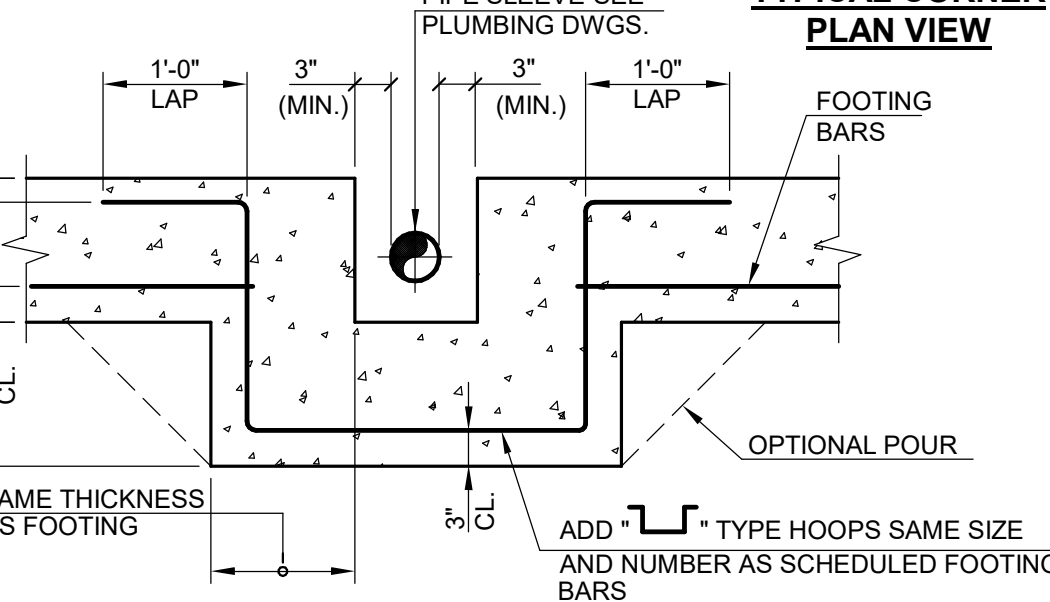
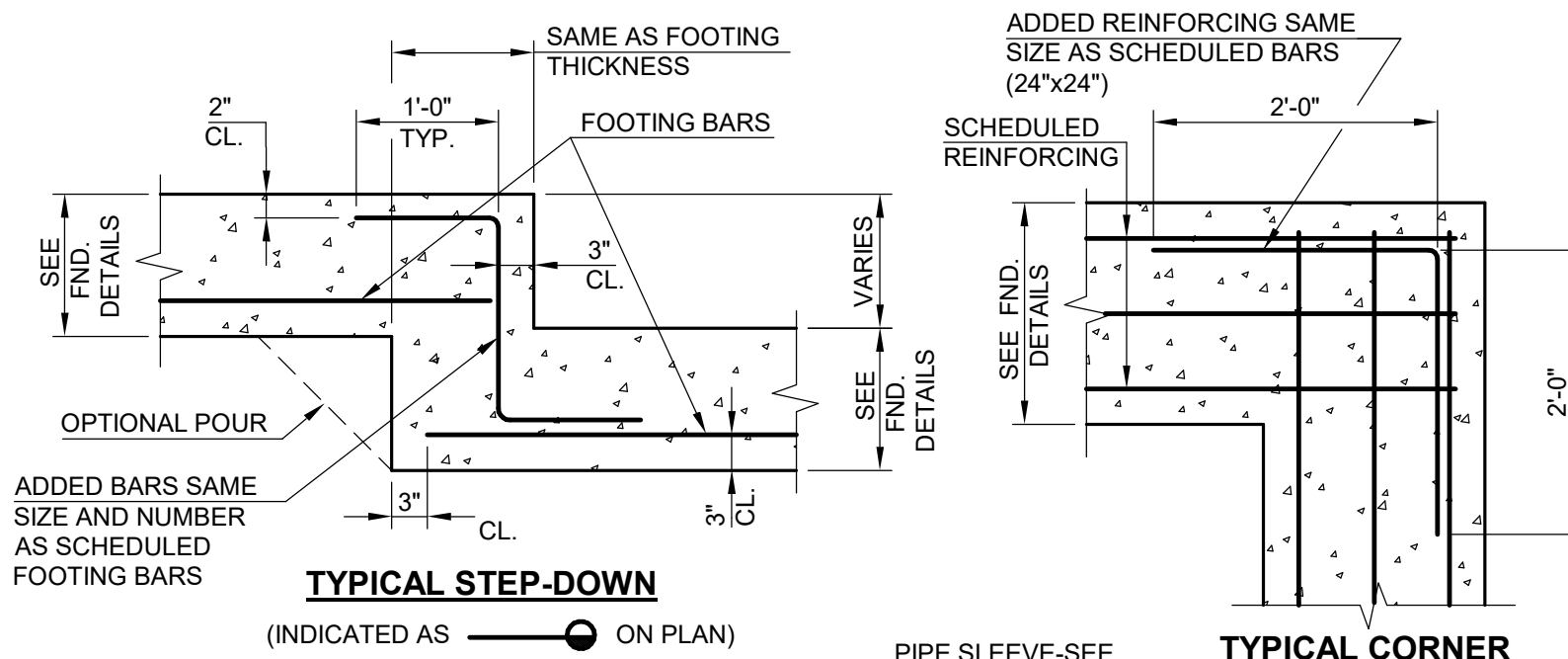
PROJECT NO: 20010
 DATE: FEB 2022
 DRAWN BY: JCG
 SCALE: As indicated
 SHEET: **S3.00**

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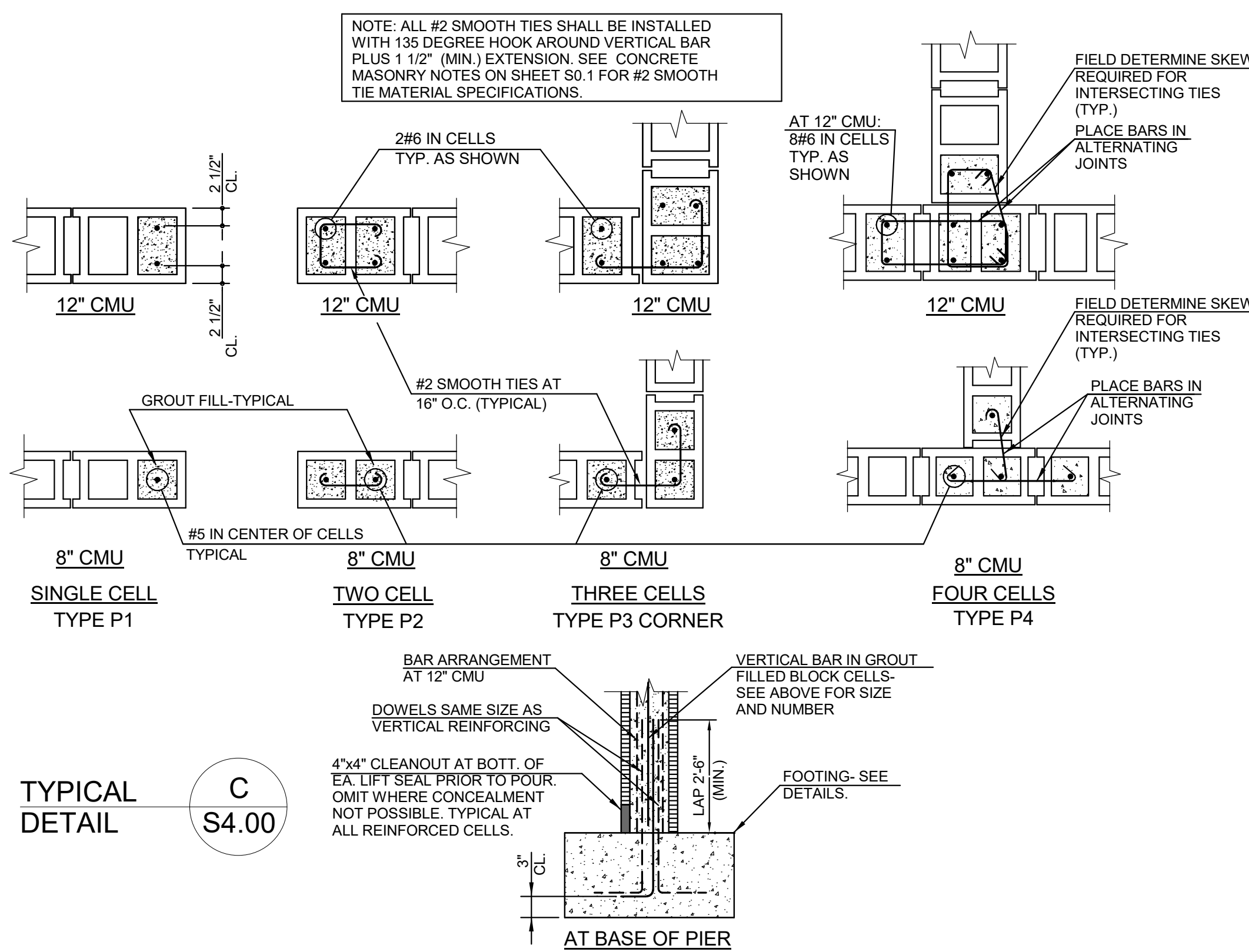
TYPICAL FLOOR SLAB DETAILS

TYPICAL DETAIL A S4.00



TYPICAL WALL FOOTING DETAILS

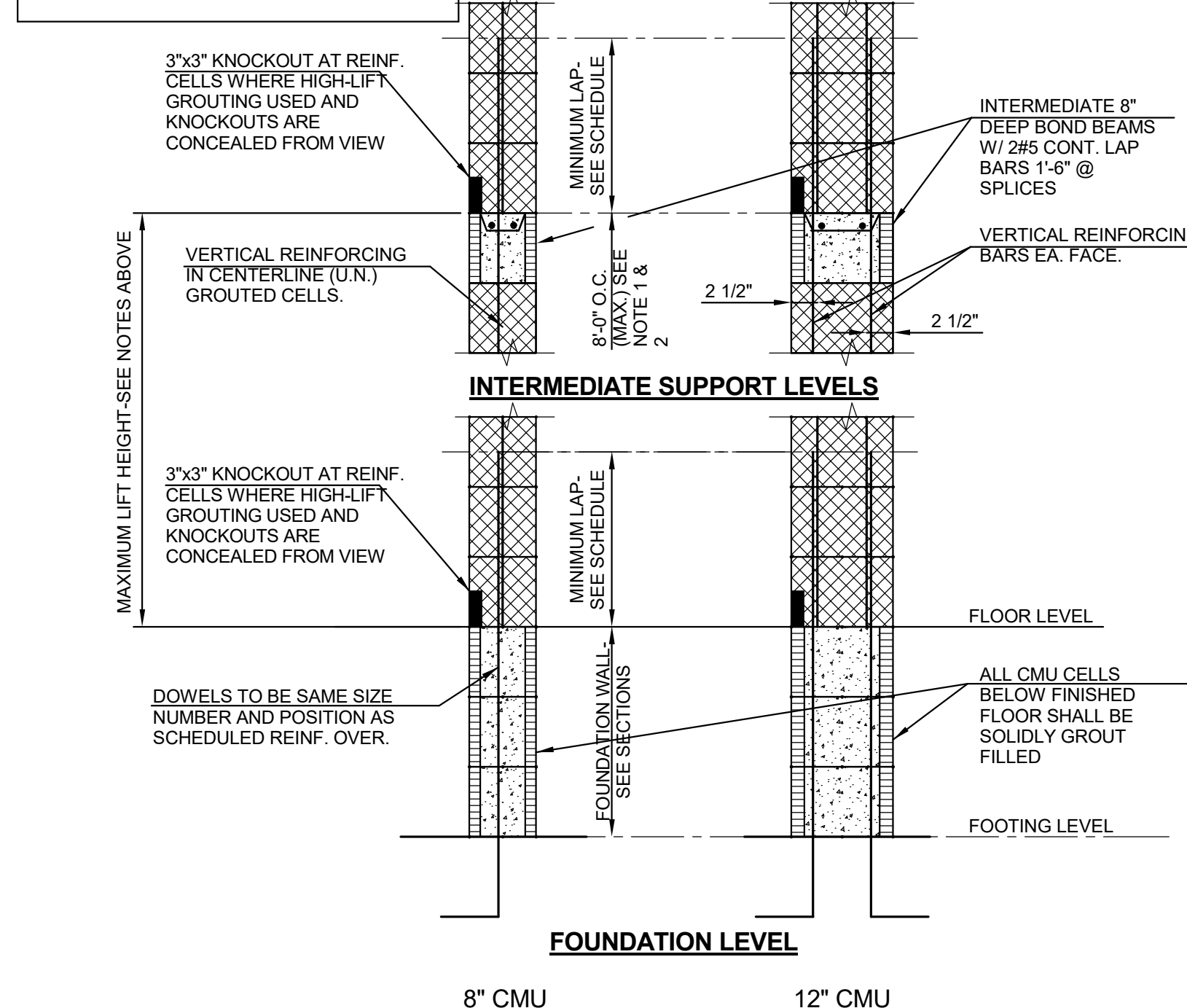
TYPICAL DETAIL B S4.00



TYPICAL DETAIL C S4.00

TYPICAL DETAILS FOR REINFORCED CONCRETE MASONRY PIERS

- GROUTING TECHNIQUES**
- UNLESS NOTED, ALL WALLS SHALL BE GROUTED USING "LOW-LIFT" GROUTING PROCEDURES.
 - HIGH-LIFT GROUTING PROCEDURES MAY BE USED ONLY WHERE 4"x4" REQUIRED KNOCKOUTS ARE EXPOSED TO VIEW.
 - IN EITHER PROCEDURE, THE MAXIMUM LIFT SHALL BE 8' AND SHALL COINCIDE WITH THE INTERMEDIATE BOND BEAMS.



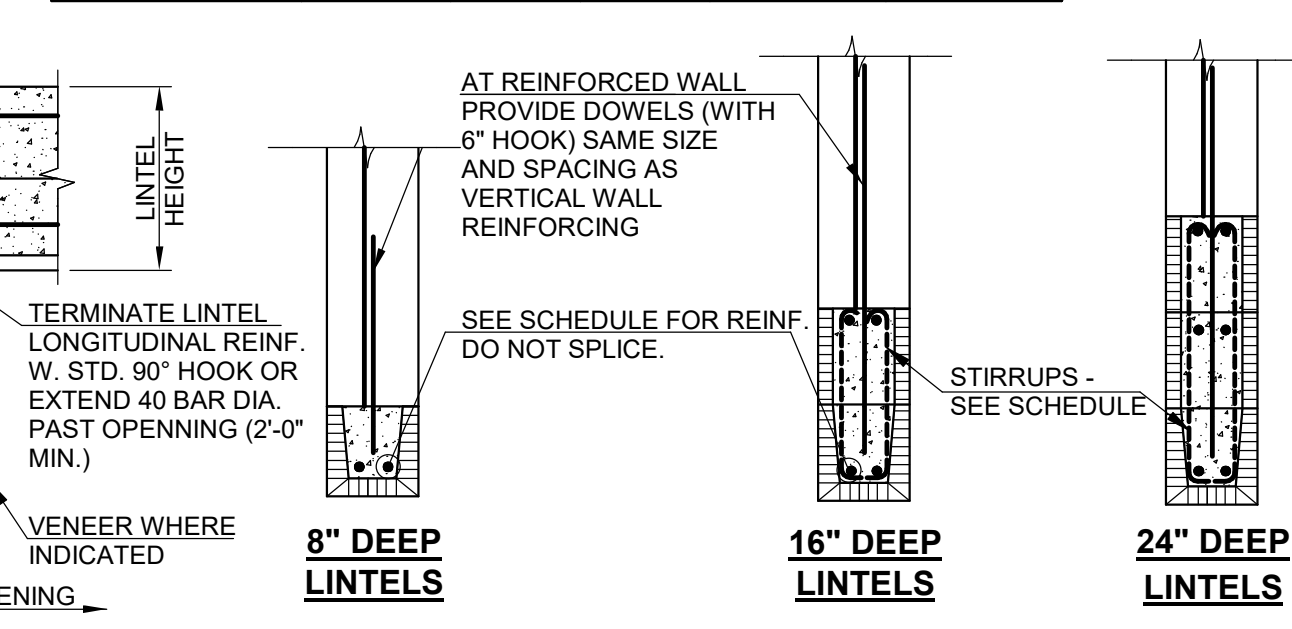
SCHEDULE D S4.00

STANDARD SCHEDULE FOR REINFORCED CONCRETE MASONRY WALLS

- UNLESS SPECIFICALLY DETAILED OR OTHERWISE SPECIFIED, REINFORCING SIZES AND SPACINGS SHOWN IN THE ABOVE SCHEDULE SHALL BE USED IN ALL WALLS.
- REINFORCING SCHEDULE IS ONLY APPLICABLE TO WALLS DESIGNATED ON STRUCTURAL DRAWINGS AS REINFORCED (CROSS HATCHED PER THE LEGEND ON SO.1).
- NON-LOAD BEARING PARTITIONS WALLS, NOT CROSS HATCHED ON STRUCTURAL DRAWINGS, REQUIRE NO VERTICAL REINFORCING EXCEPT AT DOOR AND WINDOW JAMBS PER ARCHITECTURAL DETAILS AND ADJACENT TO WALL CONTROL JOINTS. ALL PARTITIONS REQUIRE HORIZONTAL BOND BEAMS PER DETAIL ON SHEET S7.1.

CMU LITTEL SCHEDULE

OPENING WIDTH	HEIGHT	REINFORCING		BEARING EA. END	STIRRUP SPACING
		BOT. BARS	TOP BARS		
MAX. 3'-4"	8"	2#4	-	8"	-
MAX. 6'-0"	16"	2#6	-	16"	-
MAX. 8'-0"	16"	2#6	2#5	16"	#3@8"
MAX. 10'-0"	16"	2#7	2#6	16"	#3@8"
MAX. 12'-0"	24"	2#7	2#7	16"	#3@12"



- NOTES:**
- BEARING LENGTHS REFER TO CONCRETE MASONRY AND DO NOT INCLUDE APPLIED VENEERS.
 - WHERE CONCRETE MASONRY EXPOSED, 16" HIGH AND LARGER LITTELS SHALL BE CONSTRUCTED USING 8" DEEP CHANNEL BLOCK PLUS 8" DEEP SPANDREL BLOCK(S).
 - WHERE LITTEL BEARING IS ADJACENT TO A CMU CONTROL JOINT, OFFSET CONTROL JOINT OVER OPENING TO END OF LITTEL. PROVIDE ADDITIONAL MASONRY PIER TYPE P1 AT EACH SIDE OF CONTROL JOINT.
 - AT LITTELS SHARING CENTRAL PIER(S), PROVIDE CONTINUOUS LITTEL ACROSS MULTIPLE OPENINGS AS SCHEDULED FOR THE LARGEST SINGLE OPENING. PROVIDE TOP BARS EQUAL TO SCHEDULED BOTTOM BARS, AND REINFORCING IS TO BE CONTINUOUS ACROSS SHARED PIER(S), DO NOT SPLICE. WHERE CENTRAL PIER DOES NOT MEET MINIMUM BEARING, PROVIDE LITTEL SIZED TO SPAN BETWEEN PIERS MEETING MINIMUM BEARING REQUIREMENTS.

SCHEDULE E S4.00

SHOP DRAWINGS SHALL BE FURNISHED BY GENERAL CONTRACTOR INCLUDING WALL ELEVATIONS AND PLANS DETAILING FINAL LAYOUT OF ALL VERTICAL AND HORIZONTAL REINFORCING REQUIRED BY THIS SCHEDULE DETAILS AND GENERAL NOTES IN THESE DOCUMENTS.

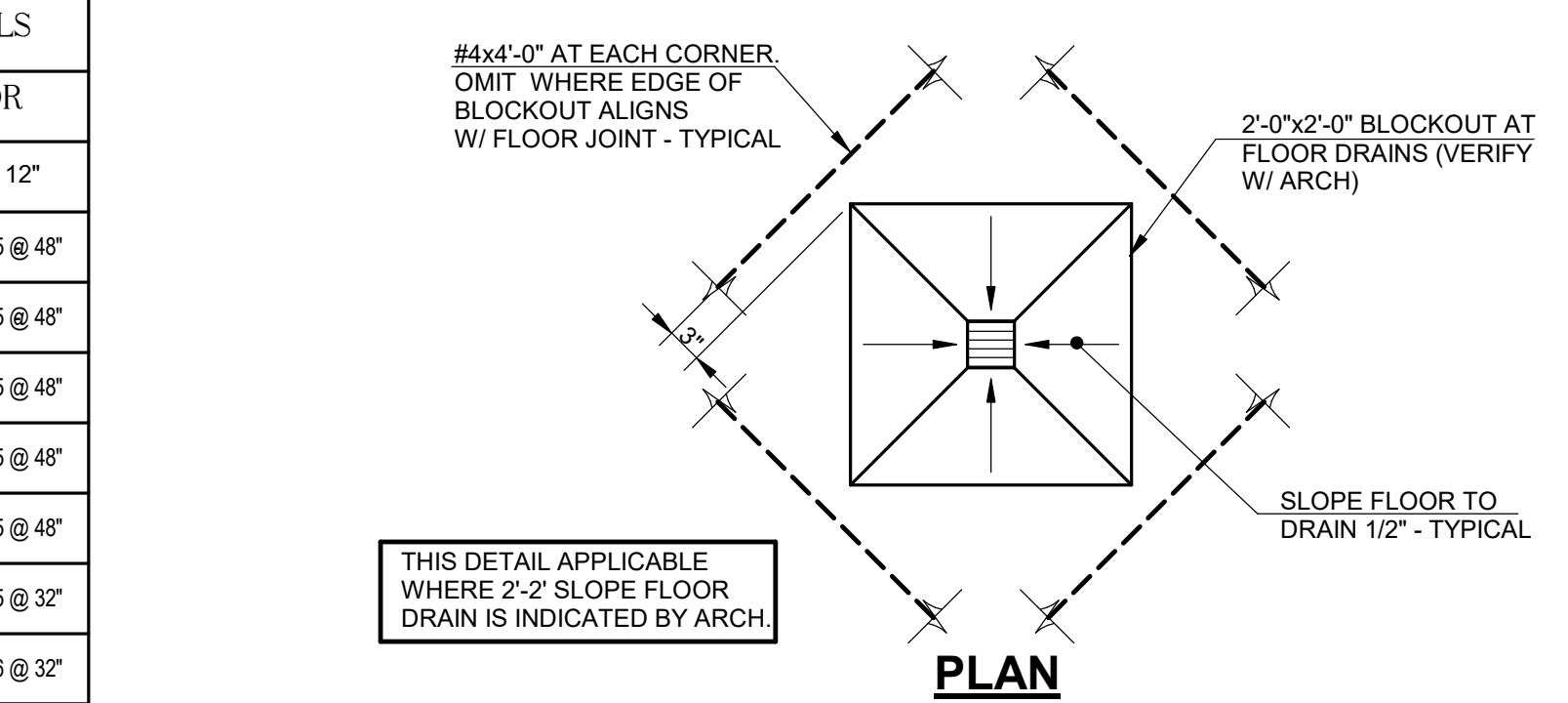
VERTICAL REINFORCING SCHEDULE

CLASS	EXPOSURE SEE NOTE (3)	LOAD BEARING WALLS				NON-LOAD BEARING WALLS			
		EXTERIOR	INTERIOR	EXTERIOR	INTERIOR	EXTERIOR	INTERIOR	EXTERIOR	INTERIOR
14'-0"	145 @ 32"	2#5 @ 48"	1#5 @ 48"	2#5 @ 48"	1#5 @ 32"	2#5 @ 48"	1#5 @ 48"	2#5 @ 48"	2#5 @ 48"
16'-0"	1#5 @ 24"	2#5 @ 48"	1#5 @ 32"	2#5 @ 48"	1#5 @ 24"	2#5 @ 48"	1#5 @ 48"	2#5 @ 48"	2#5 @ 48"
18'-0"	1#5 @ 16"	2#5 @ 48"	1#5 @ 16"	2#5 @ 48"	1#5 @ 24"	2#5 @ 48"	1#5 @ 48"	2#5 @ 48"	2#5 @ 48"
20'-0"	1#5 @ 16"	2#5 @ 32"	1#5 @ 24"	2#5 @ 48"	1#5 @ 16"	2#5 @ 32"	1#5 @ 48"	2#5 @ 48"	2#5 @ 48"
24'-0"	-	2#5 @ 24"	-	2#5 @ 32"	-	2#5 @ 24"	-	2#5 @ 48"	2#5 @ 48"
32'-0"	-	2#6 @ 16"	-	2#6 @ 16"	-	2#6 @ 16"	-	2#5 @ 32"	2#5 @ 32"
36'-0"	-	2#6 @ 8"	-	2#6 @ 16"	-	2#6 @ 8"	-	2#6 @ 32"	2#6 @ 32"

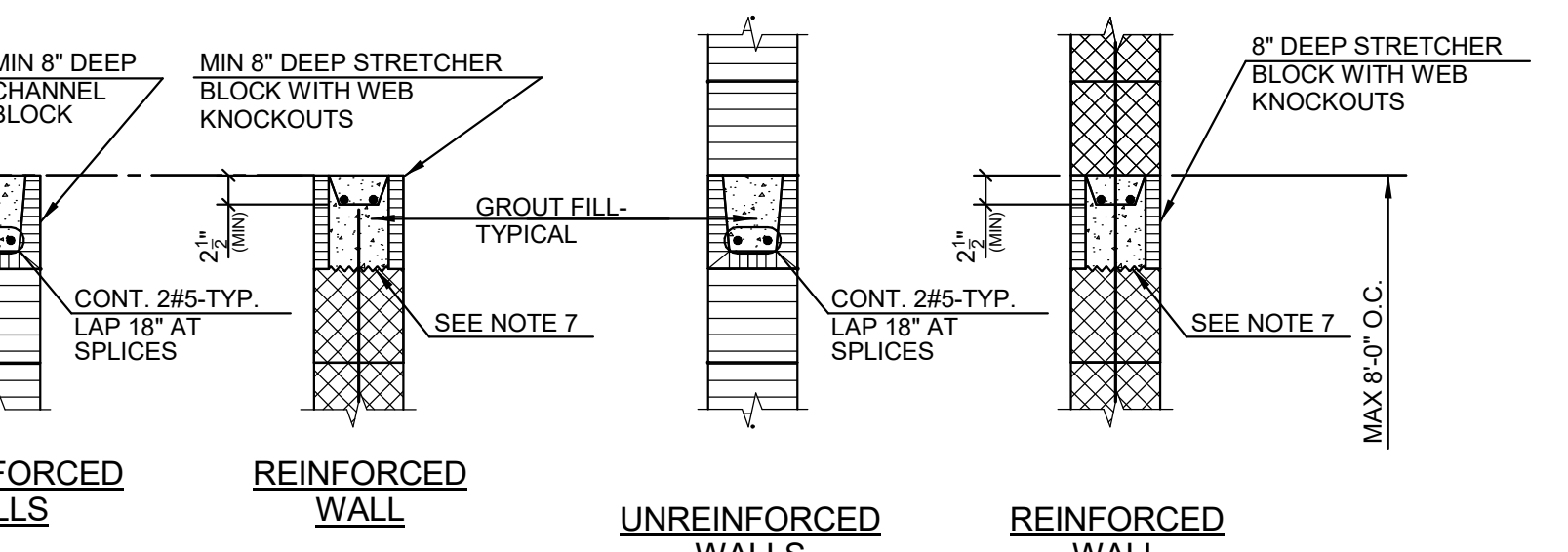
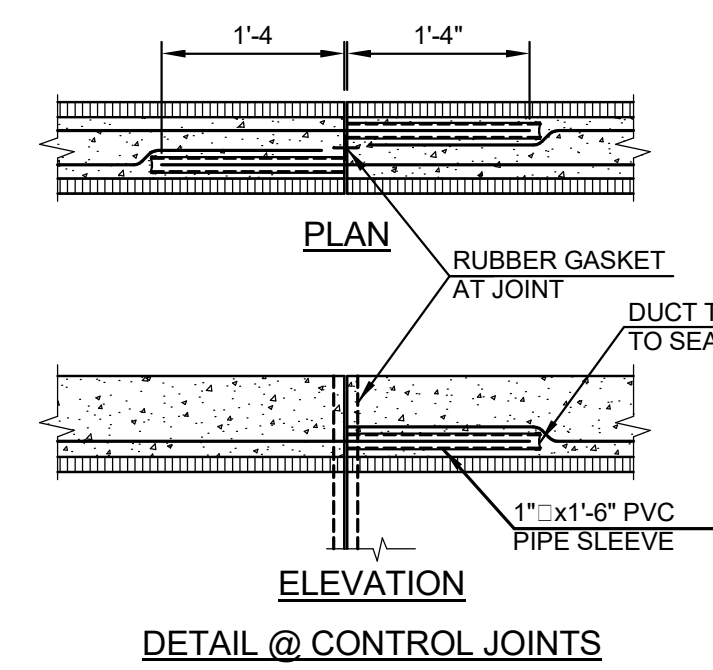
- NOTES:**
- INTERMEDIATE BOND BEAMS MAY BE ADJUSTED IN ELEV. WITHIN 8" MAX. INCREMENTS TO INCORPORATE INTO LITTELS OR BEARING LEVELS FOR JOISTS OR BEAMS. SEE STANDARD DETAILS.
 - WHEN FILLING CELLS MAX. LIFT PER POUR IS 8'-0" ALL REINF. MUST BE TIED IN PLACE PRIOR TO GROUTING.
 - SEE STANDARD DETAIL FOR REINF. CONC. MASONRY PIERS FOR ADDITIONAL BARS REQ'D AT JAMBS, CORNERS, ETC.
 - HEIGHT "H" IS THE MAX. DISTANCE BETWEEN LATERAL SUPPORTS PROVIDED BY FLOORS, ROOFS OR OTHER HORIZONTAL PLANES. WHERE WALL IS LATERALLY SUPPORTED AT INTERMEDIATE FLOOR OF ROOF LEVELS, THE REINFORCING SHALL BE THAT SCHEDULED FOR THE MAX. DISTANCE BETWEEN SUPPORTS. WHERE WALL CONTINUES ABOVE ROOF LEVEL (PARAPET), CONT. SCHEDULE REINFORCING FULL HEIGHT, U.N.
 - INTERIOR WALLS ARE THOSE IN WHICH NO PORTION BELOW HIGHEST ADJACENT ROOF IS EXPOSED TO WIND FORCES (EXTERIOR EXPOSURE). IF ANY PORTION OF A WALL SYSTEM IS EXPOSED TO THE EXTERIOR, IT SHALL BE CLASSIFIED "EXTERIOR" EXPOSURE FOR IT'S FULL HEIGHT AND REINF. ACCORDINGLY.

VERTICAL LAP SCHEDULE

BLOCK THICKNESS	REINFORCING			
	#4	#5	#6	#7
8" CMU	24"	30"	43"	60"
12" CMU	24"	32"	54"	63"



TYPICAL DETAIL H S4.00

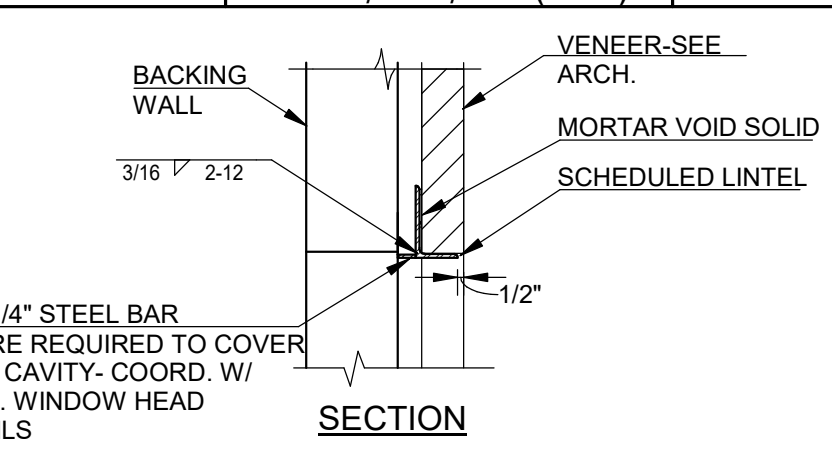


TYPICAL BOND BEAM DETAILS

- BOND BEAM NOTES:**
- ALL CMU WALLS (INTERIOR, EXTERIOR, BEARING OR NON-BEARING, REINFORCED OR UNREINFORCED), 6" THICK (NOMINAL) OR GREATER, SHALL HAVE A BOND BEAM AS DETAILED ABOVE AT THE TOP OF THE WALL.
 - WHERE WALL HEIGHTS EXCEEDS 10'-0", PROVIDE INTERMEDIATE BOND BEAMS AT MAXIMUM 8'-0" ON CENTER VERTICAL SPACING.
 - BOND BEAMS SHALL BE PROVIDED AT ALL JOIST BEARING ELEVATIONS AND WHERE DETAILED AT OTHER SPECIAL LOCATIONS OR AS SHOWN ON ARCHITECTURAL DRAWINGS.
 - LAP CONTINUOUS BOND BEAM REINFORCING 2'-0" AT SPLICES.
 - PROVIDE 2#5x30"x30" HORIZONTAL BARS AT CORNERS.
 - WHERE BOND BEAM INTERRUPTED BY OPENINGS, BEND REINFORCING 12" INTO REINFORCED JAMBS.
 - AT REINFORCED CMU WALLS, PROVIDE WIRE MESH POUR STOP BETWEEN REINFORCED CELLS.

SINGLE WYTHE BRICK LITTEL SCHEDULE

OPENING WIDTH	SIZE	BEARING EA. END
MAX. 4'-0"	L3-1/2x3-1/2x5/16	6"
MAX. 6'-0"	L4x3 1/2x5/16 (LLV)	8"
MAX. 8'-0"	L6x3 1/2x5/16 (LLV)	10"
MAX. 10'-0"	L6x3 1/2x5/16 (LLV)	12"



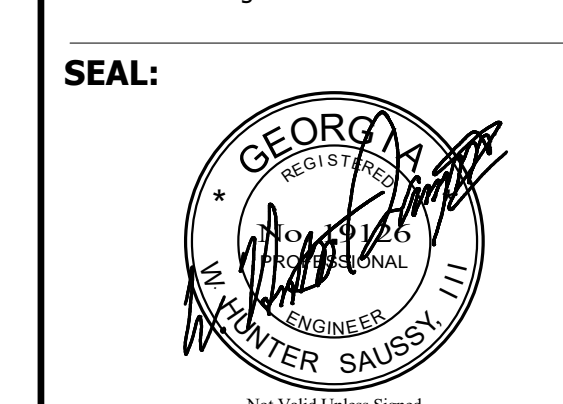
SCHEDULE G S4.00

VOL. II SAVANNAH ARTS ACADEMY ADDITION
500 WASHINGTON AVENUE
SAVANNAH, GEORGIA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

Cogdell Mendra Architects
COGDELL & MENDRALA ARCHITECTS, PC
517 EAST CONGRESS STREET
SAVANNAH, GEORGIA 31401
tel 912.234.6318
fax 912.236.8414
cogdellmendrala.com

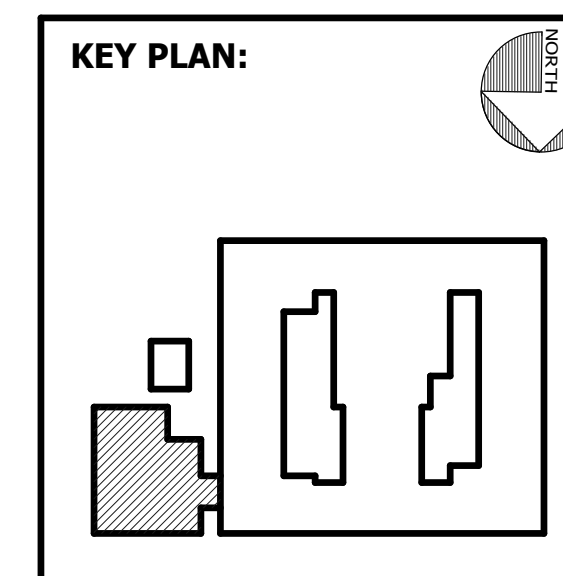


PROJECT CONSULTANTS:

CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
40 JOE KENNEDY BLVD.
STATESBORO, GA 30458

STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
400 E. JOHNNY MERCER BOULEVARD
SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406



SHEET TITLE:
TYPICAL DETAILS

REVISION SCHEDULE

DATE	DESCRIPTION

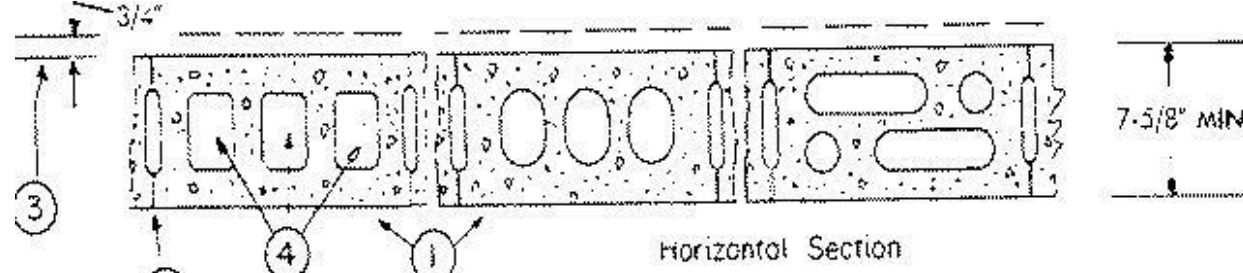
PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JCG
SCALE: 3/4" = 1'-0"
SHEET: **S4.00**

SAUSSY ENGINEERING
400 Johnny Mercer Boulevard • Suite E
P.O. Box 30597 • Savannah, Georgia 31410
Phone: (912) 898-8255 • Fax: (912) 898-1882
PROJECT NO. 20010

Design No. U905
March 17, 2015
Bearing Wall Rating — 2 HR
Nonbearing Wall Rating — 2 HR

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide B30V or B30V7.

*Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



1 Concrete Block* — Various design. Classification D-2 (2 Hr).

See Concrete Block category for list of eligible manufacturers.

2 Masonry — Block: full full of mortar, min. 3/8" thick, all of less than 3/16" and not more than 3/16" depth of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 10 percent (typical) the by cement volume. Vertical joints staggered.

3 Portland Cement Stucco or System Plaster — Add 1/2" to classification if used. Where conductive members are framed in wall, plaster or stucco must be applied on the face opposite bearing to achieve fire-resistance. Classification of 1-1/2 Hr. (Marked in concrete block item 1).

4 Loose Masonry Fill — If all one species and filled with loose dry expanded slag expanded clay or shale (Pasty-Kin Process), water repellent vermiculite masonry fill insulator, or silica-treated perlite stone fill insulator add 2 Hr to classification.

5 Foamed Plastic* — (Optional Not Shown) — 1-1/2 in. thick max. 4 wide sheathing attached to concrete blocks (Item 1).

ATLAS ROOFING CORP. — "EnergyShield Pro Wall Insulator" and "EnergyShield Pro 2 Wall Insulator"

CALLULE CONTROL & WATERPROOFING INC. — Type RD-380

HANTR PANELS — Type AC-500 & 100-390

MIX OPERATING LLC — "TDS-6002" "TDS-6010" "Thermashield-SP" "ECC-MANCO" "Thermashield-SP" "Dorashield-SP"

THE DOW CHEMICAL CO. — Type Thermal Shielding, Thermal Light Duty Insulation, Thermal Heavy Duty Insulation, Thermal Metal Building Shield, Thermal Insulation, Thermal Exterior Insulation, Thermal Plaster Insulation, Thermal Plus Line Panel and Thermal Heavy Duty Plus (HDP)

SA Building Units — As an alternate to Item 5, min. 1-in. thick polystyrene composite bonded panel insulation boards, non-48 by 96 in., with a face on one side and wood fiber board on the other.

REMA OPERATING LLC — "Thermashield-SP"

*Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

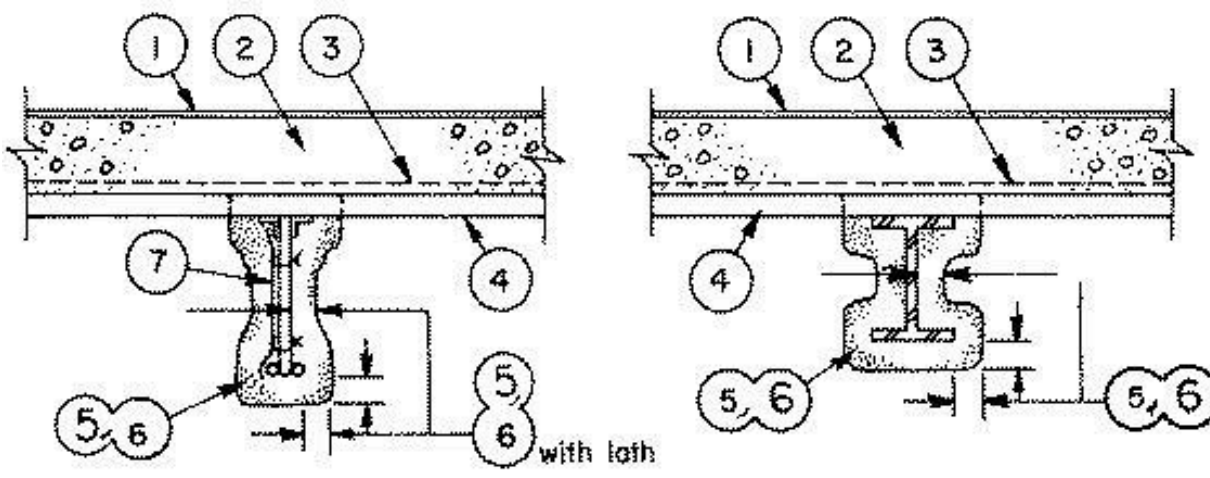
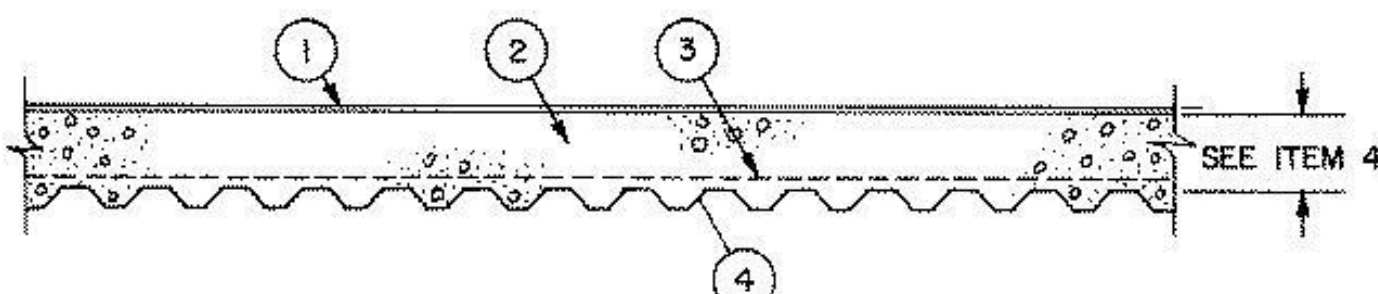
Design No. P902
December 10, 2020

Restrained Assembly Rating — 1, 1-1/2 and 2 Hr. (See Items 4, and 5 through 6C)
Unrestrained Assembly Rating — 0 Hr. (See Item 4)

Unrestrained Beam Rating — 1, 1-1/2 and 2 Hr. (See Items 5 through 6C)

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide B30V or B30V7.

*Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



Beam — W8x10, W8x16 or W8x28, min size. See Items 5 or 6.

Joist — 10K1, 12J4 or 14K4 min size. See Items 5 or 6. As alternate to steel beam. Joist girders (Not shown) 20 in. min depth and 13 lb/in ft min weight. As an alternate support, LH Series steel joists spanning no greater than 60 ft may be used. For spans greater than 60 ft, LH Series joists may be used provided that the deflection under their published total load shall not be greater than 1/312 of the joist span. When steel joists are used, bridging designed in accordance with SJI specifications is required at top and bottom chords.

1. Roof Covering* — Consisting of hot mopped or cold application materials compatible with insulation(s) described herein which provide Class A, B or C coverings. See Roofing Materials and Systems Directory-Roof Covering Materials (TEVT).

1A. In lieu of Item 1, — roof covering consisting of single-ply Roofing Membrane* that is either ballasted, adhered or mechanically attached as permitted under the respective manufacturer's Classification. See Fire Resistance Directory-Roofing Membranes (CHCI).

2. Cellular Concrete — 2.95 cu ft of stabilized preformed foam to 94 lb of Portland cement premixed with 6 gal of water. Cellular concrete to have a dry density of 31.5 (+ or -) 3.0 pcf and a 28-day compressive strength of 190 to 350 psi, as determined in accordance with ASTM C495-66.

2A. Insulating Concrete — Various types of insulating concrete prepared and applied in the thickness indicated:

A. Cellular Concrete — Floor or Roof Topping Mixture* — Foam concentrate mixed with water and Portland cement per manufacturer's specifications. Cast dry density and 28-day min compressive strength of 190 psi as determined in accordance with ASTM C495-66.

CELCORE INC — Type Celcore with cast dry density of 31 (+ or -) 3.0 pcf or Type Celcore MF with cast dry density of 29 (+ or -) 3.0 pcf.

CONCRECEL INTERNATIONAL INC — Cast dry density 38 (+ or -) 3.0 pcf.

ELASTIZELL CORP OF AMERICA — Type II, Mix #1 of cast dry density 39 (+ or -) 3.0 pcf, Mix #2 of cast dry density 40 (+ or -) 3.0 pcf, Mix #3 of cast dry density 47 (+ or -) 3.0 pcf.

AERIX INDUSTRIES — Cast dry density 37 (+ or -) 3.0 pcf.

SIPPLAST INC — Mix #1. Cast dry density 32 (+ or -) 3.0 pcf.

B. Perlite Concrete — 6 cu ft of Perlite Aggregate* to 94 lb of Portland cement and 1-1/2 pints of air entraining agent.

See Perlite Aggregate (CFX) category in Fire Resistance Directory for names of manufacturers.

C. Cellular Concrete — Roof Topping Mixture* — Foam Concentrate mixed with water, Portland Cement and UL Classified Vermiculite Aggregate per manufacturer's application instructions. Cast dry density of 33 (+ or -) 3.0 pcf and 28-day compressive strength of min 250 psi as determined in accordance with ASTM C495-66.

AERIX INDUSTRIES — Mix #3.

SIPPLAST INC — Mix #3.

D. Foamed Plastic* — (Not Shown) — Nom 24 by 48 by max 8 in. thick polystyrene foamed plastic insulation boards having a density of 1.0 (+ or -) 0.1 pcf. Encapsulated within cellular concrete topping. Each insulation board shall contain six nom 3 in. diam holes oriented in two rows of three holes each with the holes spaced 12 in. OC, transversely and 16 in. OC longitudinally. When foamed plastic is used, a min 1/8 in. thick slurry coat of cellular concrete, as measured to the top of the steel form unit corrugations, shall be employed. The cellular concrete topping thickness above foamed plastic shall be 2 in., min. The combined thickness of slurry coat plus concrete topping shall not be less than 2-3/8 in.

See Foamed Plastic* (BRYX) category in Building Materials Directory or Foamed Plastic* (CCVW) category in Fire Resistance Directory for list of manufacturers. Any polystyrene foamed plastic insulation boards meeting the above specifications and bearing the UL Classification Marking.

E. Foamed Plastic* — (Optional) — For use with cellular concrete. Max thickness 8 in. and containing both round and slotted holes.

SIPPLAST INC

VERMICULITE PRODUCTS INC

F. Foamed Plastic* — Nom 24 by 48 in., 48 by 96 in., 48 by 96 in. or 48 by 96 in. by max 8 in. thick polystyrene foamed plastic insulation boards with holes symmetrically placed having a max density of 2.0 pcf. For use only with cellular concrete roof topping mixture.

STARFOAM MFG INC

G. Foamed Plastic* — (Optional) — For Use With Cellular Concrete — Nominal 24 by 48 by max 14 in. thick expanded polystyrene foamed plastic insulation boards having a maximum density of 2.5 (+ or -) 0.1 pcf encapsulated within cellular concrete topping. Each insulation board shall contain eight min 2 in. diameter holes oriented in two rows of four holes each with the holes spaced 12 in. OC transversely and 12 in. OC longitudinally or six min 3 in. diameter holes oriented in two rows of three holes each with the holes spaced 12 in. OC transversely and 16 in. OC longitudinally. When foamed plastic is used, a min 1/8 in. thick slurry coat of cellular concrete, as measured to the top of the steel form unit corrugations, shall be employed. The cellular concrete topping thickness above foamed plastic shall be 2 in., min. The combined thickness of slurry coat plus concrete topping shall not be less than 2-3/8 in.

See Foamed Plastic* (BRYX) category in Building Materials Directory or Foamed Plastic* (CCVW) category in Fire Resistance Directory for list of manufacturers.

3. Welded Wire Fabric — 48 — 12/14 SWG. As an alternate, wire mesh made from No. 19 SWG galv steel wire twisted to form 2 in. hexagons, with straight No. 16 SWG galv steel wire woven into mesh 3 in. OC. Installed without attachment with longitudinal wires parallel to deck corrugations. Ends lapped 6 in.

4. Steel Floor and Form Units* — Noncomposite design, corrugated or fluted units.

Corrugated units, min 28 MSG galv steel. Welded to supports 14 in. OC with welding washers. When 9/16, 19/16 or 1 in. units are used, their loadings shall be limited to produce a 75 percent max bending stresses in the steel, and the Restrained Assembly Rating shall not exceed 1-1/2 Hr. Supports spaced not over 8 ft 0 in. OC. For corrugated steel form units less than or equal to 1-5/16 in. deep, the concrete (Item 2) thickness shall be 4-1/16 in., as measured from the surface of the concrete to the valley of the units. For corrugated steel form units greater than 1-5/16 in. deep, the concrete thickness shall be 2-3/4 in., as measured from the surface of the concrete to the top plane of the units.

Fluted units min 22 MSG galv steel 1-1/2 or 3 in. deep, 24 to 36 in. wide. Welded to supports at each side and not to exceed 12 in. OC between sides. Adjacent units button-pressed or welded together 36 in. OC along side joints. Supports spaced not over 8 ft 0 in. OC. For 1-1/2 and 3 in. deep fluted steel form units, the concrete (Item 2) thickness shall be 2-3/4 in. as measured from the surface of the concrete to the top plane of the units. Joint cover shall be 2 in. wide cloth adhesive tape applied following the contour of the steel form units. For 1-5/16 in. deep corrugated units with clear spans not more than 7 ft 6 in. the Unrestrained Assembly Rating is equal to the Restrained Assembly Rating.

CANAM GROUP INC — 36 in. wide Type P-3606 and P-3615 noncomposite; 24 in. wide Type P-2438, and P-2404 noncomposite; 36 in. wide Type, P-3606 and P-3615 composite; 24 in. wide Type P-2432 composite; 30 in. wide P-3012 form deck.

CANAM STEEL CORP — 36 in. wide Type P-3608 and P-3615 noncomposite; 24 in. wide Type P-2436, P-2404, P-2403, and P-2438 noncomposite; 36 in. wide Type, P-3608 and P-3615 composite; 24 in. wide Type P-2432 composite; 30 in. wide P-3012 form deck.

CANAM STEEL CORP — Types B, N, UFS, UFX, UFX-36.

CENTRIA, A DIVISION OF NCI GROUP, INC — Types 3, 21, 2"QL-99, 3" QL-99.

DECK WEST INC — 36 in. wide Type B-DW, BA-DW, 2-DW or 3-DW.

EPIC METALS CORP — Type Metricform.

MARLYN STEEL DECKS INC — Types B, EF, F, HF, N, NV, SF.

NEW MILLENNIUM BUILDING SYSTEMS L L C — Types 0.6 FD, 1.0FD, 1.5FD, 1.5FDR, 1.5FDI, 2.0FD, B, BI, F, N, NW32, NW32I, EHD, HD, S, SD, SDR. Units may be phosphated or galvanized.

ROOF DECK INC — Types A, B-1, B-2, EHD Multi-Rib or F.

VULCRAFT, DIV OF NUCOR CORP — Types 0.6C, 0.6CPR, 1.0C, 1.3C, 1.5C, 2C, 3C, 1.5B, 1.5BL, 3N, 3NI, 3.0PN, 3NL-32, 3NI-32, 3PLN-32, 32, 32B, B High Strength, BW High Strength.

Alternate Construction — Composite units of the same type listed above may be used provided allowable loading is calculated on the basis of noncomposite design.

5. Spray-Applied Fire Resistive Materials* — Applied by spraying with water, in one or more coats to the final thicknesses shown in the following table to beams or joists which are free of dirt, oil or scale. Use of adhesive is optional. Tamping is optional.

Restrained

Restrained Assembly Rating Hr	Unrestrained Beam Rating Hr	Min Thins on W6x16 Beam In.
1	1	3/4
1-1/2 or 2	1-1/2	1-1/16
2	2	1-3/8

Restrained Assembly Rating Hr	Unrestrained Beam Rating Hr	Min Thins on 10K1 Joist In.*
1	1	15/16
1-1/2 or 2	1-1/2	1-1/2
2	2	2-5/16

P902 Cont'd

*Protection material directly applied to joist following joist contours. As an alternate, metal lath (Item 7) or glass fiber mesh (Item 7A) secured to one side of joist to catch overspray when spraying following joist contours. Metal lath to be fully covered with protection material but with no min thickness requirements.

ISOLATEK INTERNATIONAL — Types D-CF, HP, II, or II HS. Type EBS or Type X adhesive/sealer optional. For Type D-CF, Type II, or Type II HS min avg density of 13 pcf with min individual value of 11 pcf. For Type HP, min avg and min ind densities of 22 and 19 pcf, respectively. For method of density determination, refer to Design Information Section.

6. Spray-Applied Fire Resistive Materials* — Applied by mixing with water and spraying in one or more coats to the beam or joist surfaces which are free of oil, dirt or loose scale to the thicknesses shown in the table below. Min average density of 15 pcf with min individual value of 14 pcf, respectively, for Types 300, 300AC, 300ES, 300HS, 300N, 3000, 3000ES and SS. For Types 400AC and 400ES min average and min individual density of 22 and 19 pcf, respectively. For method of density determination, see Design Information Section. Sprayed Material.

Restrained Assembly Rating Hr	Unrestrained Assembly Rating Hr	Min Thins W6x16 Beam In.	Min Thins 10K1 Joist In.*
1	1	7/16	15/16 (1-1/16)
1-1/2 or 2	1-1/2	3/4	1-1/2
2	2	1-1/16	1-13/16

*Spray-Applied Fire Resistive Materials directly applied to joist contours. As an alternate, metal lath or nonmetallic fabric mesh secured to one side of joist to catch overspray when spraying following joist contours. Metal lath to be fully covered with Spray-Applied Fire Resistive Materials but with no min thickness requirements.

BERLIN CO LTD — Types 300, 300ES, 300N or SB.

GREENTECH ASIA PACIFIC SDN BHD — Types 300, 300ES, or 300HS.

GREENTECH THERMAL INSULATION PRODUCTS MFG CO L L C — Types 300, 300AC, or 400AC.

ISOLATEK INTERNATIONAL — Types 300, 300AC, 300ES, 300HS, 300N, SB, 400AC, 400ES, 3000 or 3000ES.

NEWKEM PRODUCTS CORP — Types 300, 300ES, 300N, or SB.

6A. Spray-Applied Fire Resistive Materials* — As an alternate to Item 6 — Applied by mixing with water and spraying in one or more coats to the beam or joist surfaces which are free of oil, dirt or loose scale to the thicknesses shown in the table below. Min average density of 17.5 pcf with min individual value of 17 pcf for Type 280. Min average density of 17.5 pcf, with min individual value of 16 pcf for Type 300TW. Min average and min individual density of 25 and 22 pcf, respectively, for Type 400. For method of density determination, see Design Information Section. Sprayed Material.

Restrained Assembly Rating Hr	Unrestrained Assembly Rating Hr	Min Thins W6x16 Beam In.	Min Thins 10K1 Joist In.*
1	1	7/16	15/16 (1-1/16)
1-1/2 or 2	1-1/2	3/4	1-1/2
2	2	1-1/16	1-13/16

*Spray-Applied Fire Resistive Materials directly applied to joist contours. As an alternate, metal lath or nonmetallic fabric mesh secured to one side of joist to catch overspray when spraying following joist contours. Metal lath to be fully covered with Spray-Applied Fire Resistive Materials but with no min thickness requirements. When Type 280 is used for the 1 Hr. Rating, the thickness must be increased from 15/16 in. to 1-1/16 in.

GREENTECH ASIA PACIFIC SDN BHD — Type 400.

GREENTECH THERMAL INSULATION PRODUCTS MFG CO L L C — Type 400.

ISOLATEK INTERNATIONAL — Types 280, 300TW, or 400.

NEWKEM PRODUCTS CORP — Type 400.

6B Spray-Applied Fire Resistive Materials* — As an alternate to Item 6 and 6A — Spray applied in one or more coats to final thicknesses shown in the following table. Steel surfaces must be clean and free of dirt, loose scale and oil. Min avg and min ind density of 15/14 pcf respectively. Min avg and min ind density of 19/18 pcf respectively for Types 75P and 7HD. For method of density determination refer to Design Information Section.

Restrained Assembly Rating Hr	Unrestrained Beam Rating Hr	Min Thins on Beam In.	Min Thins on 12/4 or 14K4 Joist In.	No. Lath
1	1	1-3/8	—	—
1-1/2	1-1/2	1-1/4	1-3/4	1-7/8
2	1-1/2	1-3/8	1-7/8	2-1/4
2	2	1-5/8	2-1/4	1-7/8
				2-7/16

*Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

GCP APPLIED TECHNOLOGIES INC — Types MK-6HY, MK-6s, RG, Monokote Acoustic 1.

GCP KOREA INC — Types MK-6CBF, MK-6ED, MK-6HY, MK-6s, Monokote Acoustic 1.

PYROK INC — Type LD.

SOUTHWEST FIREPROOFING PRODUCTS CO — Types 4, 5, 5EF, 5GP, 5MD, 7GP, 7HD, 8EF, 8GP, 8MD, 9EF, 9GP, 9MD.

*Thickness applied to both sides of joist and lath. All surfaces of lath on both sides to be protected with the min required thickness of protection material.

7. Metal Lath — (Optional) — Metal lath may be used to facilitate the spray application of protection material on steel bar joists and trusses. The diamond mesh, 3/8 in. expanded steel lath, 1.7 to 3.4 lbs/sq yd is secured to one side of each steel joist with No. 18 SWG galv steel wire at joist web and bottom chord members, spaced 15 in. O.C. max. When used, the metal lath is to be fully covered with protection material with no min thickness requirements, unless specified.

7A. Non-Metallic Fabric Mesh — (Optional, Not Shown) — As an alternate to metal lath, glass fiber fabric mesh, weighing approximately 2.5 oz/sq yd, polypropylene fabric mesh, weighing approximately 1.25 oz/sq yd or equivalent, may be used to facilitate the spray application. The mesh is secured to one side of each joist web member. The method of attaching the mesh must be sufficient to hold the mesh and the spray-applied protection material in place during application until it has cured. An acceptable method to attach the mesh is by embedding the mesh in minimum 1/4 in. long beads of hot melted glue. The beads of glue shall be spaced a maximum of 12 in. O.C. along the top chord of the bar joist. Another method to secure the mesh is by 1-1/4 in. long by 1/2 in. wide hairpin clips formed from No. 18 SWG or heavier steel wire.

8. Bridging — (Not Shown) — Welded to top and bottom chord of each joist. Number, size and spacing of bridging angles per steel joist Institute specifications. Protection material thickness applied to the bridging bars shall be the same as required on joist, but is not required to exceed 1-3/4 in.

9. Foamed Plastic* — (Not Shown) — Optional — Rigid foamed plastic insulation, 2 by 4 ft boards, min thickness 2 in., max thickness 4 in. May be bonded to the membrane or installed without adhesion after final asphalt glaze coat has cooled. When applying more than one board, successive layers shall be installed over preceding layer without attachment. Covered with crushed stone or concrete pavers at a rate of 10 pcf min.

OWENS CORNING SCIENCE AND TECHNOLOGY, LLC — Min. thickness 2 in., Max. thickness 4 in.

THE DOW CHEMICAL CO

*Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

GENERAL UL ASSEMBLY NOTES

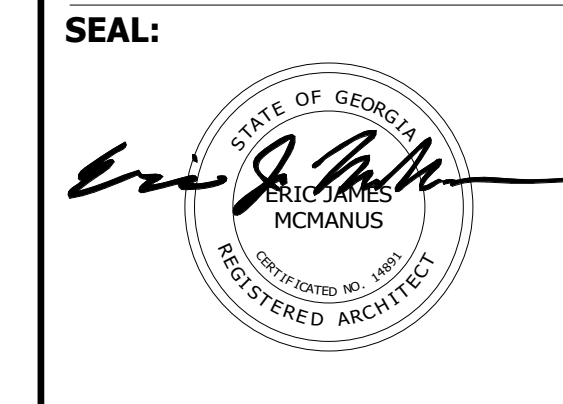
- UL ASSEMBLY LISTINGS AS SHOWN ARE PROVIDED FOR CONVENIENCE ONLY. REFER TO APPROPRIATE UL OR GA PUBLICATIONS FOR COMPLETE LISTINGS.
- COGDELL MENDRALA ARCHITECTS, PC IS NOT RESPONSIBLE FOR ANY ADDITIONS OR OMISSIONS TO ASSEMBLIES LISTED IN THIS DOCUMENT.

VOL. II SAVANNAH ARTS ACADEMY ADDITION
500 WASHINGTON AVENUE
SAVANNAH, GEORGIA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO #: C22-01

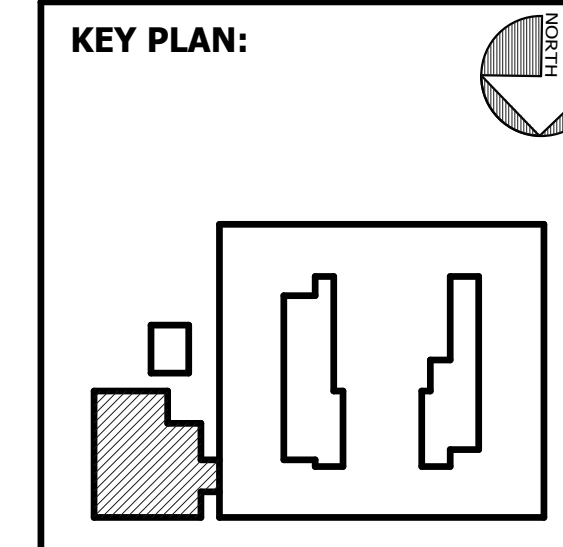
Cogdell Mendrala Architects
COGDELL & MENDRALA ARCHITECTS, PC
517 EAST CONGRESS STREET
SAVANNAH, GEORGIA 31401
tel 912.234.6318
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PROJECT CONSULTANTS:
CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
40 JOE KENNEDY BLVD.
STATESBORO, GA 30458

STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
400 E. JOHNNY MERCER BOULEVARD
SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406



SHEET TITLE: UL ASSEMBLIES

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: Author
SCALE: 1" = 50'-0"
SHEET: **LS0.01**

OCCUPANCY LOAD SCHEDULE						
NAME	OCCUPANT USE GROUP	AREA	OCC. LOAD FACTOR	SQ. FT. TYPE	FIXED OCC. LOAD	OCCUPANT LOAD
CAFETERIA						
MECH. ELEC. IDF, STORAGE	STORAGE/MECH.	2065	300	GROSS	N/A	7
KITCHEN	KITCHEN COMMERCIAL	3295	200	GROSS	N/A	14
OFFICE	BUSINESS	364	100	GROSS	N/A	4
LOCKER	ASSEMBLY LESS CONCENTRATED	204	50	GROSS	N/A	5
DINING	ASSEMBLY LESS CONCENTRATED	4520	15	NET	N/A	302
TOTAL						332

PLUMBING FIXTURES (IBC TABLE 2902.1)									
MINIMUM REQUIRED PLUMBING FIXTURES									
OCCUPANCY	WATER CLOSETS			LAVATORIES			TUBS / SHOWERS	DRINKING FOUNTAINS	OTHER (SERVICE SINK)
	M	U	W	M	W	M	W		
ASSEMBLY	3	<67%	3	1	1	0	0	1	1
GRAND TOTAL	6		2	0	1	1			
PROVIDED PLUMBING FIXTURES									
OCCUPANCY	WATER CLOSETS			LAVATORIES			TUBS / SHOWERS	DRINKING FOUNTAINS	OTHER (SERVICE SINK)
	M	U	W	M	W	M	W		
ASSEMBLY	2	3	6	3	4	0	0	4	2
GRAND TOTAL	11		7	0	4	0	4	2	

CODE REQUIREMENTS

OCCUPANCY GROUP CLASSIFICATION:
A2 - ASSEMBLY

CONSTRUCTION REQUIREMENTS:
TYPE OF CONSTRUCTION (AS ALLOWED BY IBC 504):
IBC TYPE IIB (IBC 506.3)
ASSEMBLY A2 ALLOWABLE AREA: 38,000 SF + 1,930SF (20 FRONTAGE INCREASE) = 39,930 SF
TOTAL ALLOWABLE AREA: 39,930 SF

SPRINKLER SYSTEM: PROJECT AREA FULLY SPRINKLERED.

OCCUPANCY LOAD: (LSC TABLE 7.3.1.2; IBC TABLE 1004.1.2)
ASSEMBLY - A2 OCCUPANCY LOAD: 332 PERSONS
TOTAL: 332 PERSONS

OCCUPANT LOAD FACTORS USED TO CALCULATE OCCUPANT LOADS ABOVE: (LSC TABLE 7.3.1.2; IBC TABLE 1004.1.2)
LESS CONCENTRATED / FIXED SEATING: 15 NSF/PERSON
KITCHENS: 100 GSF/PERSON
MECHANICAL, ELECTRICAL, DATA, STORAGE: 300 GSF/PERSON
LOCKER ROOM: 50 GSF/PERSON

GENERAL INFORMATION

PROPERTY ADDRESS: SAVANNAH ARTS ACADEMY CAFETERIA ADDITION
500 WASHINGTON AVENUE
SAVANNAH, GA. 31405

GROSS ENCLOSED PROJECT AREA: 14,061 SF TOTAL

APPLICABLE BUILDING CODES WITH GEORGIA AMENDMENTS: (LIST IS NOT INCLUSIVE)
I. International Building Code, 2018 Edition, with Georgia Amendments (2020)
II. International Fire Code, 2018 Edition, with Georgia Amendments (2020)
III. International Plumbing Code, 2018 Edition, with Georgia Amendments (2020)
IV. International Mechanical Code, 2018 Edition, with Georgia Amendments (2020)
V. International Fuel Gas Code, 2018 Edition, with Georgia Amendments (2020)
VI. National Electrical Code, 2017 Edition (No Georgia Amendments)
VII. International Energy Conservation Code, 2015 Edition, with Georgia Supplements and Amendments (2020)
VIII. Life Safety Code, NFPA 101, 2018 Edition with Georgia Amendments (2020)
IX. DOJ 2010 ADA Standards for Accessible Design

LIFE SAFETY LEGEND

◆ NUMBER IN DIAMOND INDICATES NUMBER OF OCCUPANTS IN ANY SPACE CALCULATED FROM LOAD FACTORS (LSC/IBC)

▨ SPACE CONSIDERED AS BEING UNOCCUPIED AND NOT INCLUDED WITH IN CALCULATIONS

▩ SPACE CONSIDERED AS BEING OCCUPIED AND INCLUDED IN CALCULATIONS

⊗ NUMBER IN OCTAGON INDICATES NUMBER OF ACTUAL OCCUPANTS IN SPACE

⊙ NUMBER IN CIRCLE INDICATES EGRESS CAPACITY OF OPENING

Ⓜ 20-MINUTE FIRE-RATED DOOR ASSEMBLY

Ⓨ 45-MINUTE FIRE-RATED DOOR ASSEMBLY

Ⓩ 1-HOUR FIRE-RATED DOOR ASSEMBLY

ⓐ 1-1/2 HOUR FIRE-RATED DOOR ASSEMBLY

ⓑ EXIT/AREA OF REFUGE LIGHT

ⓓ FIRE EXTINGUISHER CABINET

ⓔ FIRE EXTINGUISHER BRACKET

NOTE: REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL LIFE SAFETY INFORMATION

LIFE SAFETY DISTANCES

COMMON PATH OF TRAVEL (XX FT. MAX) 0'-3" COMMON PATH

DEAD END CORRIDOR (XX FT. MAX) 0'-3" DEAD END

TRAVEL DISTANCE

MAX DIAGONAL DISTANCE 0'-3" MAX. DIAGONAL

EXIT SEPARATION 0'-3" EXIT SEPARATION

LIFE SAFETY WALL RATINGS

NOTE: ALL WALL AND PARTITION RATINGS ARE SHOWN IN COLOR ON ALL LIFE SAFETY DRAWINGS. LIFE SAFETY DRAWINGS ARE NOT VALID UNLESS DEPICTED IN COLOR.

UL-RATED ONE-HOUR SEPARATION ASSEMBLY OR FIRE PARTITION, UNLESS OTHERWISE NOTED

UL-RATED TWO-HOUR SEPARATION ASSEMBLY OR FIRE PARTITION, UNLESS OTHERWISE NOTED

NON-RATED SMOKE-RESISTIVE SEPARATION ASSEMBLY OR PARTITION, UNLESS OTHERWISE NOTED

UL-RATED ONE-HOUR CEILING ASSEMBLY

UL-RATED TWO-HOUR CEILING ASSEMBLY

REFER TO BUILDING ELEVATIONS AND SECTIONS FOR EXTERIOR WALL TYPES AND MATERIALS.

ⓧ THIS SYMBOL DESIGNATES WALL TYPES. REFER TO SHEET A0.02 FOR MORE SPECIFIC INFORMATION REGARDING WALL TYPES.

ALL RATED WALLS OR SMOKE BARRIERS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH STENCILING ABOVE DECORATIVE CEILING OR CONCEALED SPACES WITH LETTERS A MINIMUM OF 3" HIGH ON A CONTRASTING BACKGROUND SPACED A MAXIMUM OF 12" O.C. WITH A MINIMUM OF ONE PER WALL OR BARRIER IN ACCORDANCE WITH MODIFICATIONS OF THE 2012 INTERNATIONAL FIRE CODE, 1203-3-04, CHAPTER 7 OF THE RULES AND REGULATIONS OF THE FIRE SAFETY COMMISSIONER. THE HOURLY RATING SHALL BE INCLUDED ON ALL RATED BARRIERS OR WALLS. WORKING SHALL BE AS FOLLOWS AS APPLICABLE: "1-HOUR FIRE (AND SMOKE BARRIER) PROTECT ALL OPENINGS."

LIFE SAFETY PLAN NOTES

① PROVIDE TEMPORARY SIGNAGE FOR DURATION OF PROJECT WITH THE FOLLOWING MESSAGE: "NO ACCESS TO EGRESS DURING CONSTRUCTION." SIGNAGE TO INCLUDE DIRECTIONAL ARROW AS SHOWN.

② CONSTRUCTION BARRIER

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SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
GMP CONSTRUCTION DOCUMENTS

SCCPSS

FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO #: C22-01

Cogdell Mendra Architects
COGDELL & MENDRALA ARCHITECTS, PC
517 EAST CONGRESS STREET
SAVANNAH, GEORGIA 31401
tel 912.234.6318
fax 912.236.8414
cogdellmendrala.com

SEAL:
Eric J. McManus
REGISTERED ARCHITECT

PROJECT CONSULTANTS:

CIVIL ENGINEER:
MAXWELL-REDDICK & ASSOCIATES
40 JOE KENNEDY BLVD.
STATESBORO, GA 30458

STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
400 E. JOHNNY MERCER BOULEVARD
SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

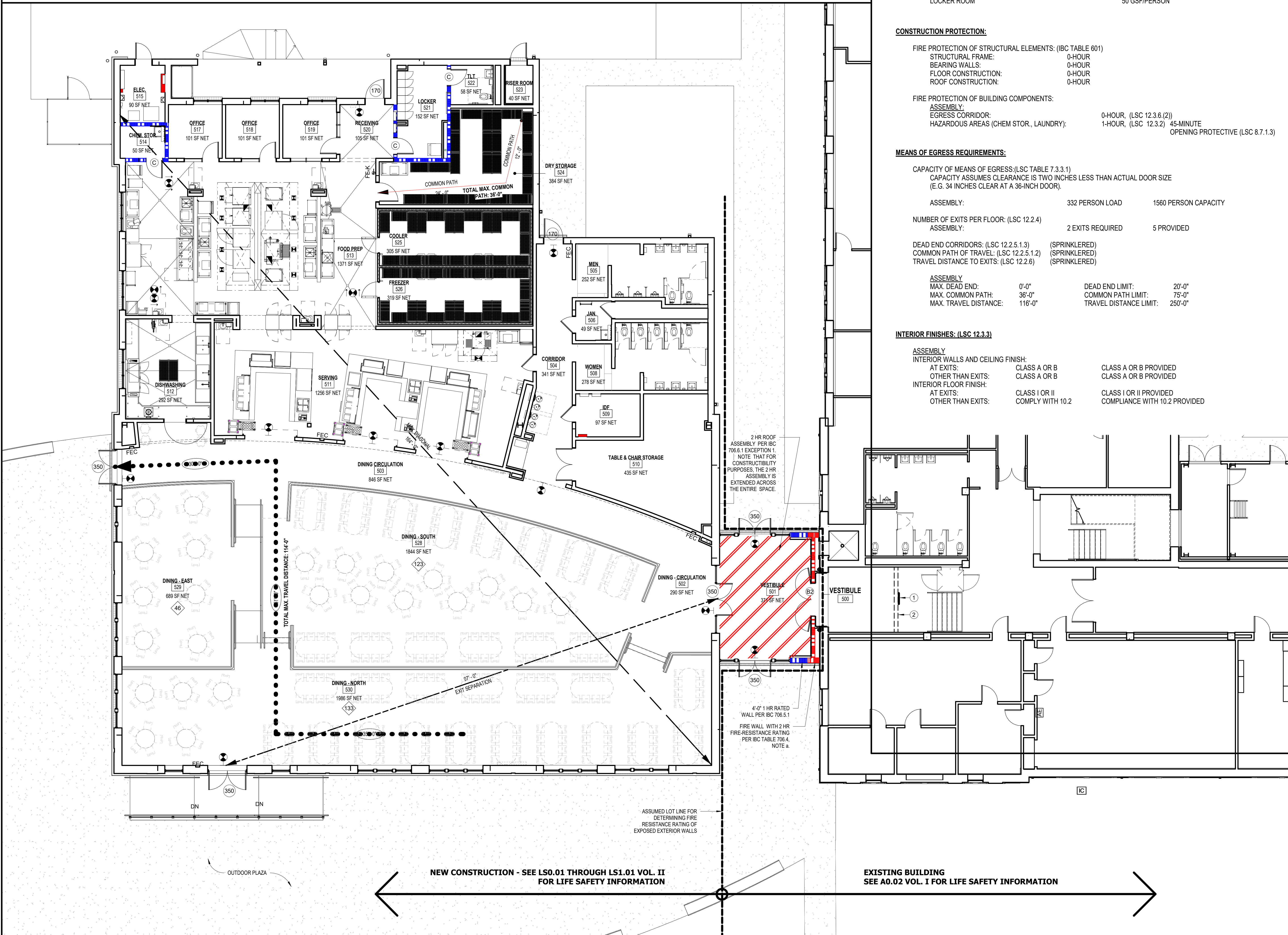
KEY PLAN:

SHEET TITLE:
LIFE SAFETY PLAN - CAFETERIA

REVISION SCHEDULE

DATE	DESCRIPTION

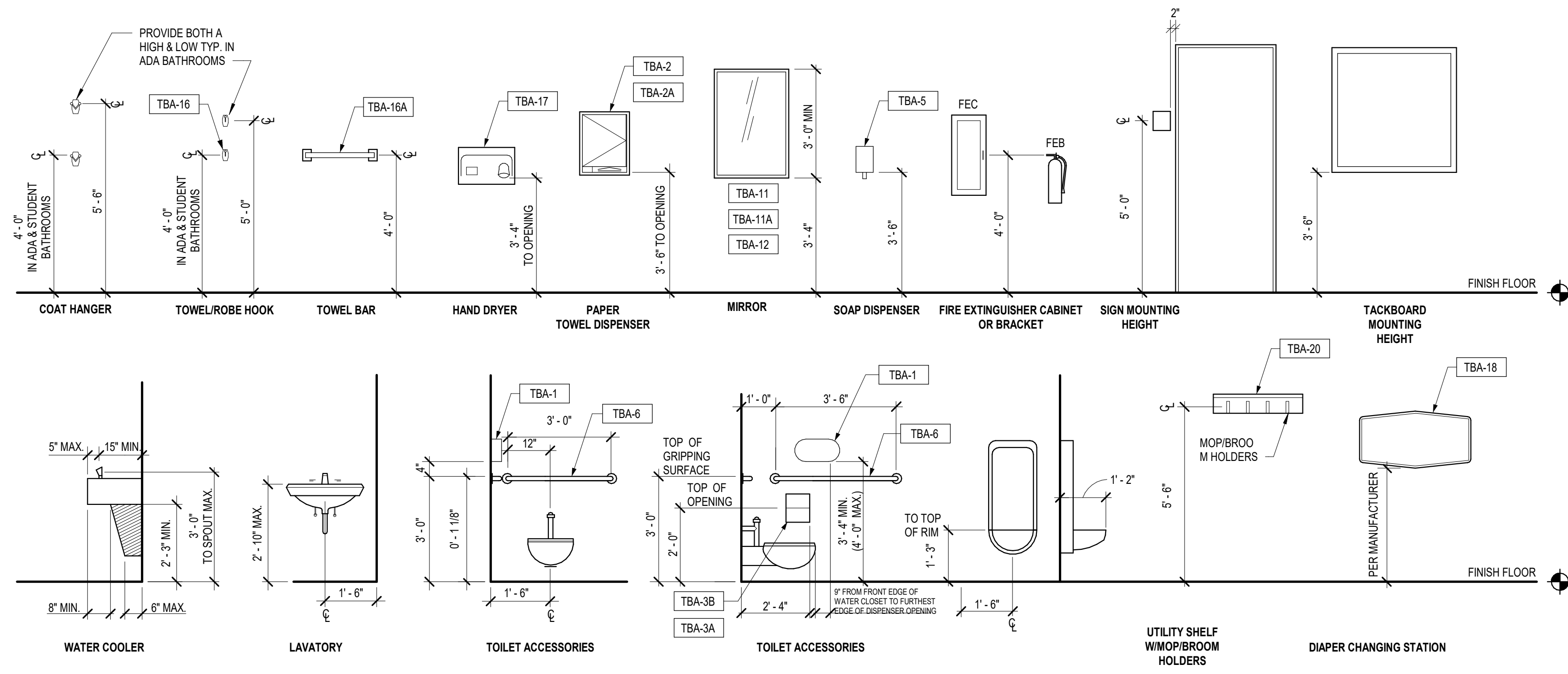
PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: RML/TLG
SCALE: As indicated
SHEET: **LS1.01**



1 LIFE SAFETY PLAN - CAFETERIA
LS1.01 1/8" = 1'-0"

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ADULT FACILITY MOUNTING HEIGHTS



NOTE: THESE ARE ADA **MAXIMUM** AND **MINIMUM** DIMENSIONS, COORDINATE FINAL MEASURING HEIGHTS WITH MANUFACTURER ADA REQUIREMENTS.
NOTE: SEE TOILET ACCESSORY SCHEDULE FOR TOILET AND BATH ACCESSORIES.

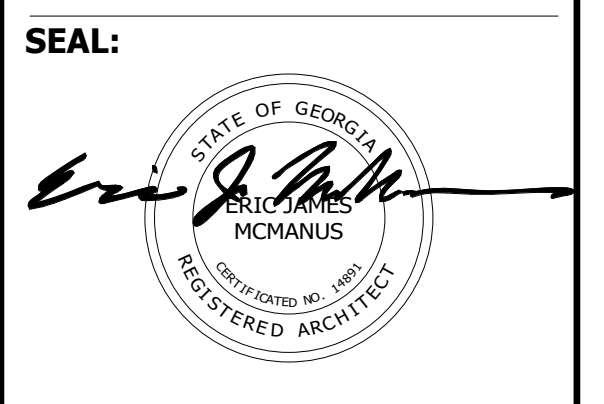
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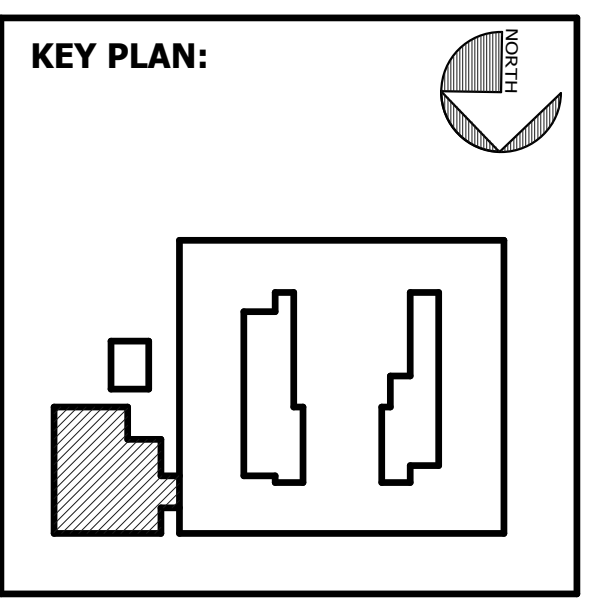


FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

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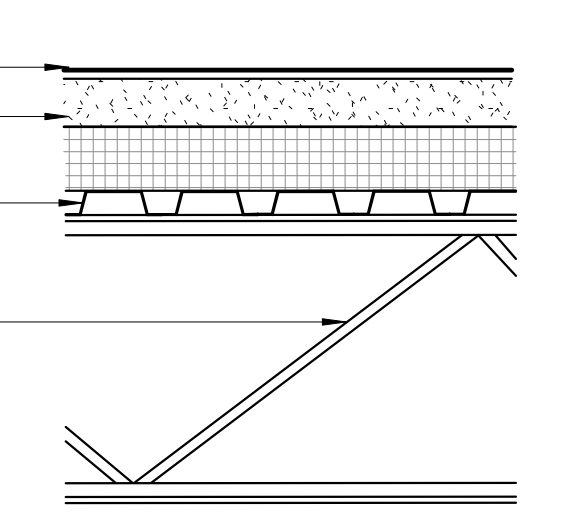
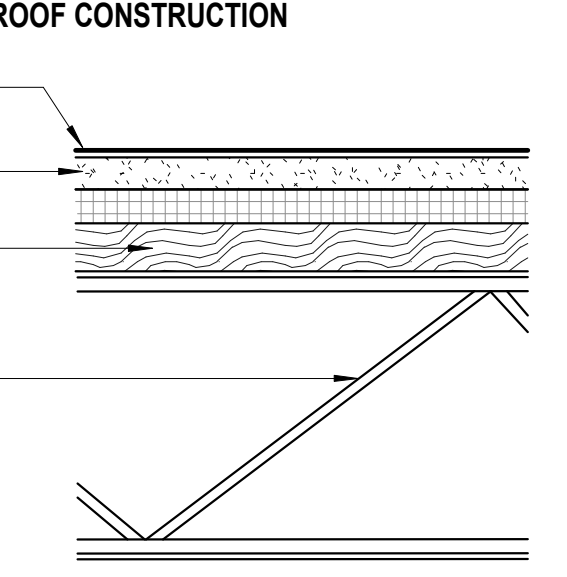
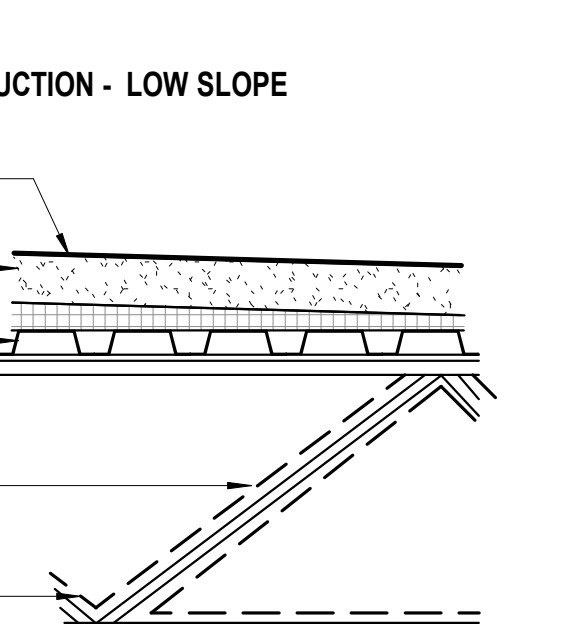


SHEET TITLE:
MOUNTING HEIGHTS AND DIMENSIONS

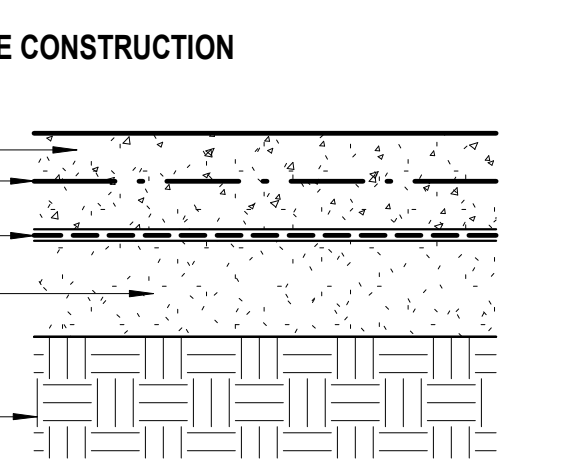
REVISION SCHEDULE	
DATE	DESCRIPTION

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DATE: FEB 2022
DRAWN BY: TLC
SCALE: 12" = 1'-0"
SHEET: **A0.02**

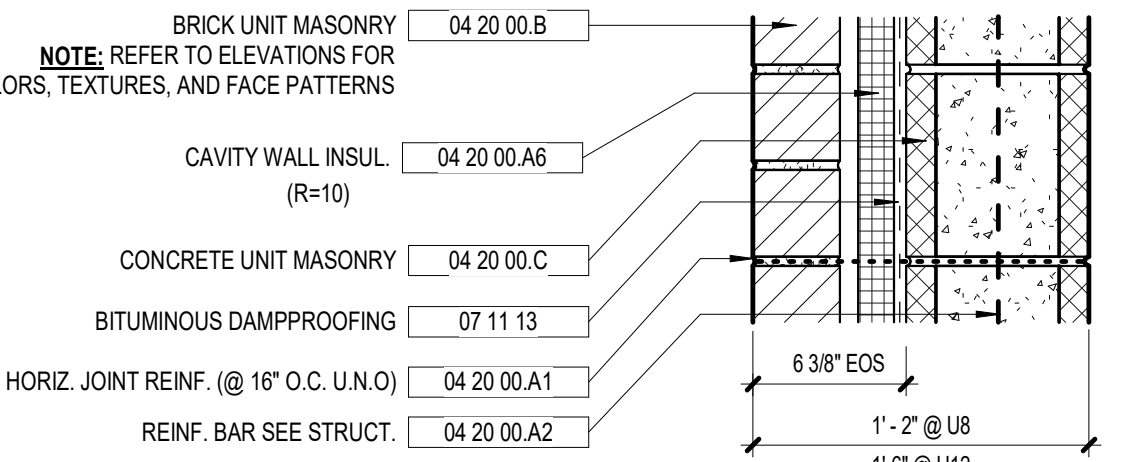
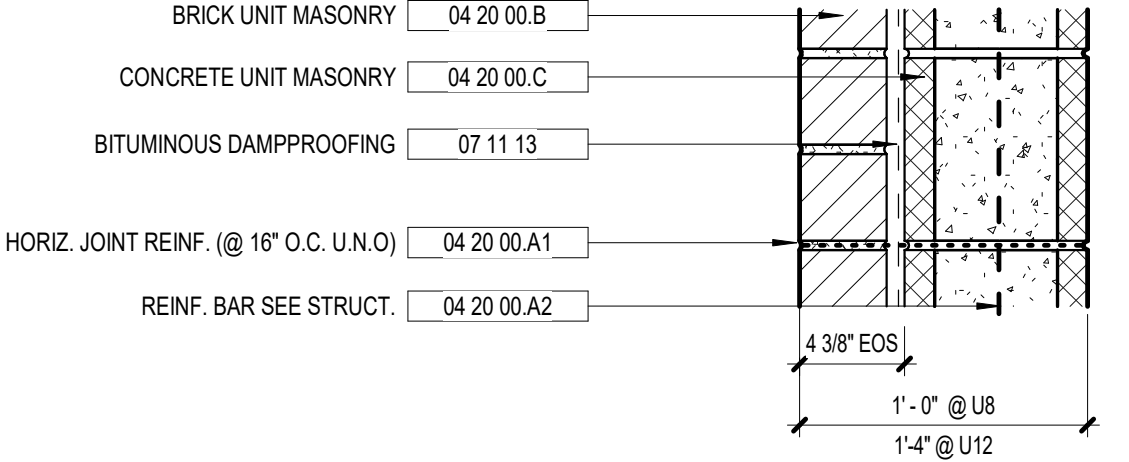
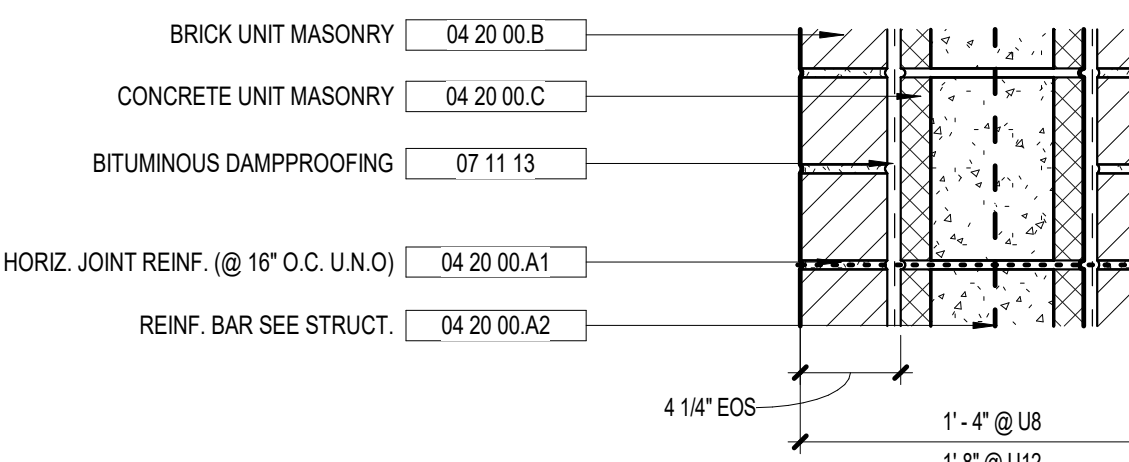
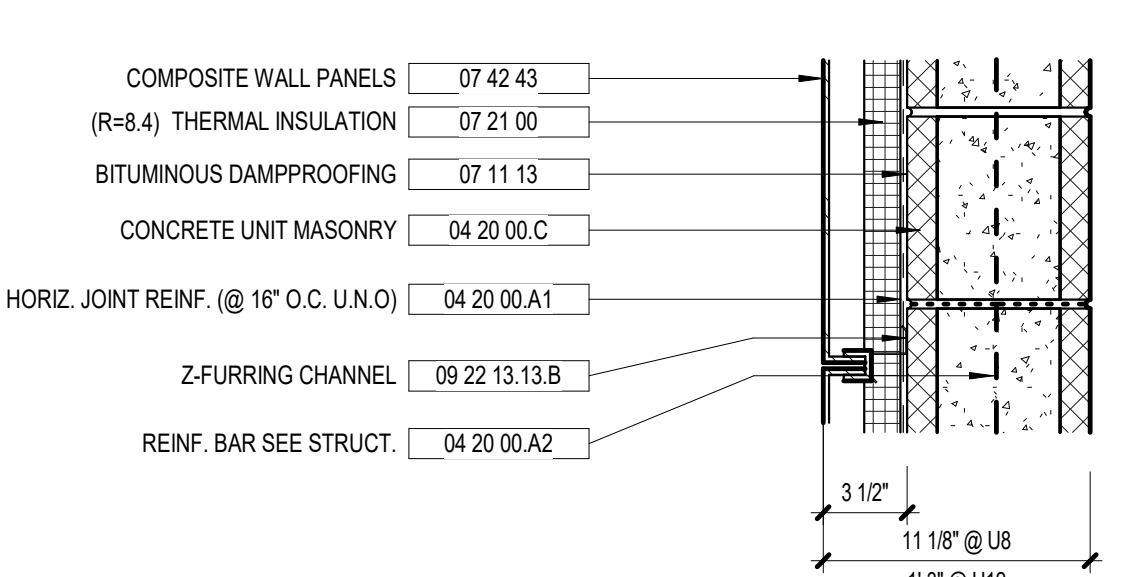
ROOF TYPES

DESCRIPTION	TAG	FIRE RATING REFERENCE
<p style="text-align: center;">TYPICAL LOW-SLOPE ROOF CONSTRUCTION</p> 	R1	
<p style="text-align: center;">TECTUM LOW-SLOPE ROOF CONSTRUCTION</p> 	R2	
<p style="text-align: center;">VESTIBULE ROOF CONSTRUCTION - LOW SLOPE</p> 	R3	2 HR UL DES #902

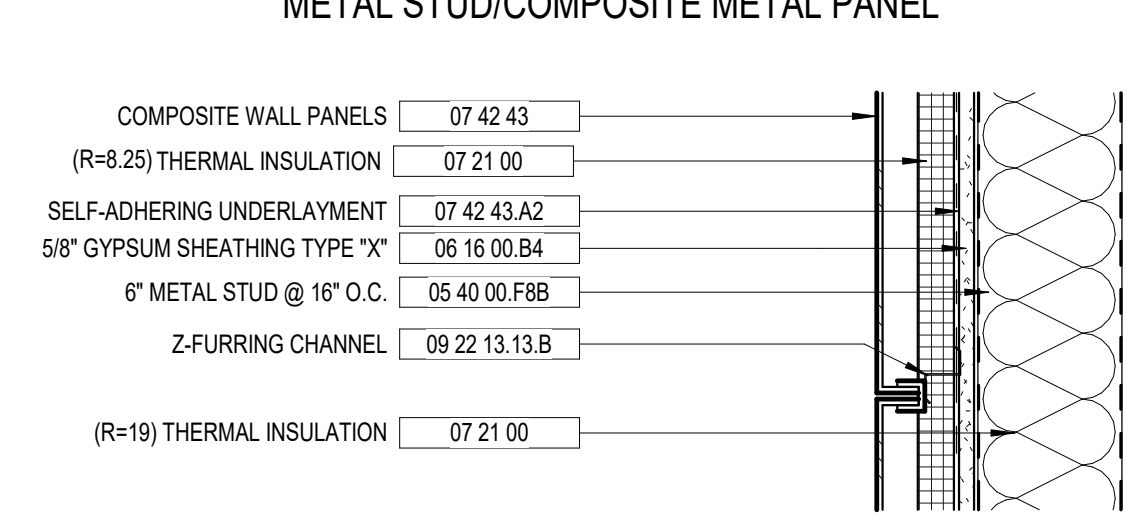
FLOOR TYPES

DESCRIPTION	TAG	FIRE RATING REFERENCE
<p style="text-align: center;">TYPICAL SLAB ON GRADE CONSTRUCTION</p> 	F1	

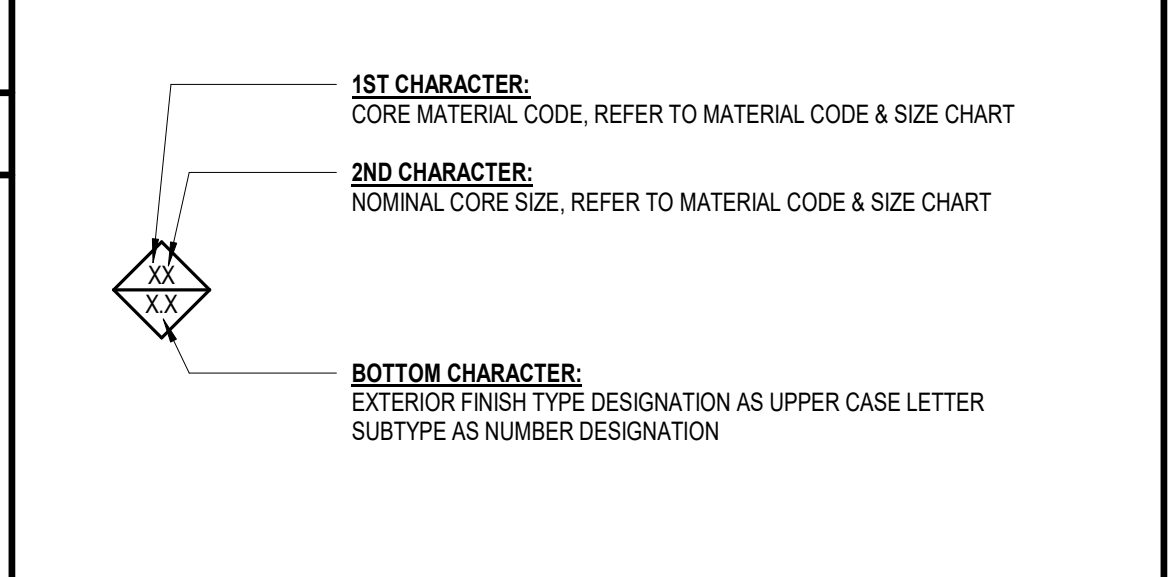
EXTERIOR WALL TYPES - CMU

DESCRIPTION	TAG	FIRE RATING REFERENCE
<p style="text-align: center;">CMU/FACE BRICK CAVITY WALL</p> 	U8 A.1	U12 A.1
<p style="text-align: center;">CMU/FACE BRICK CAVITY WALL W/OUT INSULATION</p> 	U8 A.2	U12 A.2
<p style="text-align: center;">CMU/FACE BRICK CAVITY WALL W/OUT INSULATION, BRICK EACH SIDE</p> 	U8 A.3	U12 A.3
<p style="text-align: center;">CMU/COMPOSITE METAL PANEL</p> 	U8 E.1	U12 E.1

EXTERIOR WALL TYPES - METAL STUD

DESCRIPTION	TAG	FIRE RATING REFERENCE
<p style="text-align: center;">METAL STUD/COMPOSITE METAL PANEL</p> 	M6 E.1	

EXTERIOR WALL TAG LEGEND




MATERIAL CODE & SIZE CHART

CORE MATERIAL CODE						
	METAL STUD	WOOD STUD	CMU	BRICK	CONCRETE	SHAFT
	M	W	U	B	C	S
# = NOMINAL CORE SIZE	1 (HAT CHANNEL)	1X FURRING STRIPS	-	-	-	-
2	1-5/8"	2X2	-	-	-	-
3	2-1/2"	2X3	-	-	-	2-1/2"
4	3-5/8"	2X4	4"	1 WYTHE	4"	4"
6	6"	2X6	6"	-	6"	6"
8	8"	2X8	8"	2 WYTHE	8"	-
10	10"	2X10	10"	-	10"	-
12	12"	2X12	12"	3 WYTHE	12"	-

GENERAL WALL TYPE NOTES

- THE CONSTRUCTION SYSTEMS AND PARTITION TYPES SHOWN INDICATE THE GENERAL CONSTRUCTION FEATURES OF THE CONSTRUCTION SYSTEMS TO BE PROVIDED. THEY ARE NOT INTENDED TO REPRESENT A COMPLETE LISTING OF SYSTEMS REQUIRED AND DO NOT NECESSARILY INDICATE ALL OF THE CONSTRUCTION REQUIREMENTS TO BE PROVIDED BY THE CONTRACT DOCUMENTS.
- REFERENCE FOR FIRE RESISTANCE AND SOUND RATINGS: CONCRETE MASONRY HANDBOOK, SOUND CONTROL GYPSUM ASSOCIATION, FIRE RESISTANCE DESIGN MANUAL, ELEVENTH EDITION, NCM: NATIONAL CONCRETE MASONRY ASSOCIATION NOTES, SA: SHNER AND ASSOCIATES, UL: UNDERWRITERS LABORATORIES, INC. FIRE RESISTANCE.
- REFER TO PLANS AND SECTIONS FOR CONSTRUCTION SYSTEMS, AND FOR LOCATIONS AND REQUIRED FIRE RATINGS OF THE RATED SYSTEMS. HORIZONTAL RATINGS SHALL EQUAL THAT SHOWN FOR THE WALLS ON THE FLOOR PLANS.
- RATED AND SMOKE RESISTIVE INTERIOR PARTITIONS SHALL EXTEND TO UNDERSIDE OF DECK, PARTITIONS ENCLOSING RESTROOMS & CLASSROOMS SHALL EXTEND TO UNDERSIDE OF DECK, UNLESS NOTED OTHERWISE. PARTITIONS ENCLOSING SPACES WITHOUT CEILINGS SHALL EXTEND TO UNDERSIDE OF DECK. NON-RATED INTERIOR PARTITIONS SHALL EXTEND TO MINIMUM ABOVE ANY ADJACENT CEILING, UNLESS NOTED OTHERWISE. SMOKE RESISTIVE PARTITIONS MAY HAVE GYP BD ON ONE SIDE ONLY FROM 4" MIN ABOVE ANY ADJACENT CEILING TO THE DECK ABOVE, UNLESS NOTED OTHERWISE.
- SEE LIFE SAFETY (LS) SHEET SERIES FOR DETAILS OF ULL DESIGN NO. ASSEMBLIES.
- PROVIDE SEALANT AT PERIMETER OF ALL SMOKE RESISTIVE PARTITIONS AND AT ALL PARTITIONS PENETRATIONS. PROVIDE ACOUSTICAL SEALANT AT PERIMETER OF ALL SOUND RATED PARTITION AND AT ALL PARTITION PENETRATIONS. IF PARTITION IS FIRE RATED, PROVIDE ULL LABELED FIRESTOPPING IN PLACE OF ACOUSTICAL SEALANT. AT PARTITIONS THAT ARE SOUND AND FIRE RATED, PROVIDE ACOUSTICAL SEALANT AT PARTITION PENETRATIONS THAT DO NOT REQUIRE FIRESTOPPING (EXAMPLE: GYPSUM BOARD PENETRATIONS WITH FIRE DAMPERS).
- PROVIDE FIRE RATED CMU (OR EQUIVALENT) WHERE PARTITION INDICATED TO BE FIRE RATED ON FLOOR PLANS. RATED PARTITION TO MEET CONSTRUCTION REQUIREMENTS OF FIRE RATING REFERENCE LISTED.
- WHERE METALWOOD PARTITION IS INDICATED TO BE FIRE RATED, PROVIDE MANUFACTURER'S PROPRIETARY GYPSUM BOARD (MEETING THE DESIGNATED FIRE REFERENCE LISTED). RATED PARTITION TO MEET CONSTRUCTION REQUIREMENTS OF RATING REFERENCE LISTED.
- REFER TO DETAILS FOR FIRE RATED TOP OF WALL DETAILS.
- REFER TO STRUCTURAL DRAWINGS FOR WALLS THAT ARE STRUCTURALLY REQUIRED TO EXTEND TO UNDERSIDE OF DECK.
- PROVIDE WEEPS AT BASE OF ALL WALLS AND COLUMNS WITH VENEER.
- AT CAVITY WALLS KEEP CAVITY CLEAR OF ALL MORTAR.
- PROVIDE DEFLECTION TRACK AT HEAD OF ALL METAL STUD PARTITIONS ATTACHED TO STRUCTURE ABOVE.
- GYPSUM BOARD NOTES:
 - PROVIDE MOISTURE RESISTANT GYPSUM BOARD WITHIN 24" OF ALL PLUMBING FIXTURES WHERE GYPSUM BOARD PARTITIONS ARE TO BE PROVIDED.
 - PROVIDE IMPACT RESISTANT GYPSUM BOARD TO 8'-0" ABOVE FINISHED FLOOR ON THE CORRIDOR SIDE OF GYPSUM WALLBOARD PARTITIONS IN ALL CLASSROOMS, CLASSROOM RESTROOMS, & CONNECTOR HALLS. GYP BD. NOT REQUIRED TO BE IMPACT RESISTANT WHERE INSTALLED BEHIND CASEWORK OR MILLWORK.
- CONCRETE MASONRY UNIT WALLS AND PARTITIONS, PROVIDE HORIZONTAL JOINT REINFORCEMENT, VERTICAL REINFORCEMENT, BOND BEAMS, GROUTING, AND ADDITIONAL REQUIREMENTS AS INDICATED BY STRUCTURAL DRAWINGS AND SPECIFICATIONS.
- SOUND ATTENUATION BLANKETS SHALL FILL CAVITY TO THE NEAREST 1/2" SIZE OF BLANKETS AVAILABLE (ROUNDED DOWN FROM THE CAVITY WIDTH).
- RESERVED.
- COMPOSITE METAL WALL PANELS ARE TO BE PROVIDED PER LISTED SPECIFICATION AND INSTALLED PER SPECIFICATION ASSOCIATED WITH METAL PANEL CLADDING SYSTEM ON SPECIFIC WALL TYPE.
- COLOR/TEXTURE AND FACE PATTERN OF INTERIOR OR EXTERIOR FACE MATERIAL MAY VARY. SEE SPECIFICATIONS AND DRAWINGS FOR CLARIFICATION.
- SEE FINISH SCHEDULE AND FLOOR PLANS FOR LOCATION OF APPLIED FINISHES (SUCH AS FURRING, CERAMIC TILE, WALL COVERING, ETC.) THAT MAY AFFECT THE PARTITION SURFACE AND CONSTRUCTION REQUIREMENTS.
- WHERE CERAMIC TILE IS SCHEDULED AT METAL STUD WALLS, PROVIDE CEMENTITIOUS BACKER UNITS, WHERE CERAMIC TILE IS NOT SCHEDULED TO BE FULL HEIGHT OF PARTITION, PROVIDE GYPSUM BOARD TYPE X @ RATED PARTITIONS @ THOSE PORTIONS OF THE PARTITION NOT SCHEDULED TO RECEIVE CERAMIC TILE, UNLESS NOTED OTHERWISE. CEMENTITIOUS BACKER UNIT TO BE THE SAME THICKNESS AS GYPSUM BOARD. PROVIDE MOISTURE RESISTANT GYPSUM BOARD WITHIN 24" OF ALL PLUMBING FIXTURES WHERE CERAMIC TILE IS NOT SCHEDULED.
- PROVIDE CLEAN SAND FILL IN ALL MASONRY CELLS SURROUNDING MECHANICAL ROOMS AND MUSIC CLASSROOMS.
- FURRING/SINGLE FACE SYSTEMS SHALL EXTEND TO 6" ABOVE FINISHED CEILING. IF CEILING IS TO BE LEFT EXPOSED, EXTEND SYSTEM TO UNDERSIDE OF STRUCTURE. SMOKE RESISTIVE AND FIRE-RATED PARTITIONS SHALL EXTEND TO STRUCTURE ABOVE.
- PROVIDE BULL-NOSE CMU CORNERS ON INTERIOR BLOCK WALLS AND COLUMN SURROUNDS WHERE THERE IS A PROTRUDING CORNER CONDITION.
- AT UNRATED STUD PARTITIONS NOTED TO EXTEND TO DECK WHERE A GYPSUM BOARD WALL FINISH ABUTS A GYPSUM BOARD CEILING FINISH, THE WALL FINISH IS NOT REQUIRED TO EXTEND BEYOND THE CEILING. AT PARTITIONS WITH INSULATION, INSTALL INSULATION NETTING ON UNFINISHED FACE OF STUD ABOVE CEILING.
- WHERE GYPSUM BOARD ABUTS CMU AT PARTITIONS AND CEILINGS, PROVIDE 1/4" JOINT FILLED WITH SEALANT OVER BACKER ROD.
- WHERE COLUMNS AND FIRESTOPPING INTERFERE WITH GYPSUM BOARD PARTITIONS, FRAME AROUND COLUMNS AS TIGHT AS POSSIBLE, UNLESS NOTED OTHERWISE.

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SEAL:



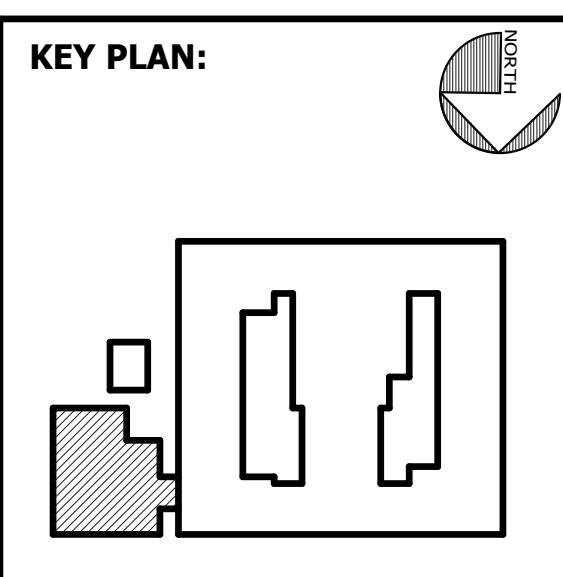
PROJECT CONSULTANTS:

CIVIL ENGINEER
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STATESBORO, GA 30458

STRUCTURAL ENGINEER:
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MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

KEY PLAN:



SHEET TITLE:
EXTERIOR CONSTRUCTION SYSTEMS

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: TLC
SCALE: As indicated

SHEET: **A0.03**

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CEILING TYPES		
DESCRIPTION	TAG	FIRE RATING REFERENCE
<p>GYPSUM BOARD ON METAL STUDS</p>	(X-X) GYP	
<p>ACOUSTICAL PANEL CEILING</p>	(X-X) APC	

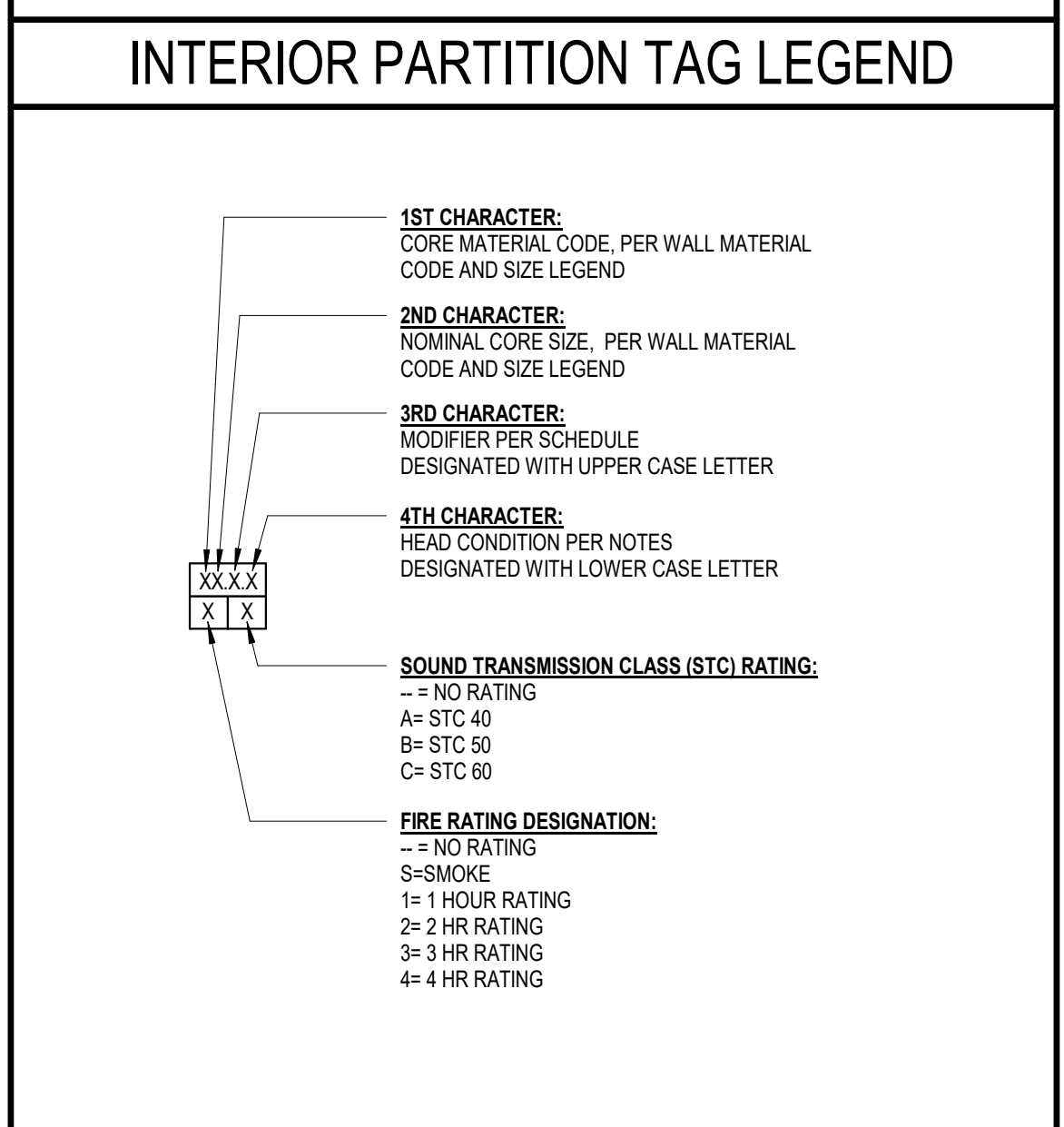
INTERIOR CMU PARTITIONS		
DESCRIPTION	TAG	FIRE RATING REFERENCE
<p>INTERIOR CMU PARTITION</p>	U4 U6 U8 U10 U12	UL DES U905

INTERIOR METAL STUD PARTITIONS		
DESCRIPTION	TAG	FIRE RATING REFERENCE
<p>INTERIOR METAL STUD PARTITION</p>	M1 M2 M3 M4 M6 M8 M10 M12	

- ### GENERAL WALL TYPE NOTES
- THE CONSTRUCTION SYSTEMS AND PARTITION TYPES SHOWN INDICATE THE GENERAL CONSTRUCTION FEATURES OF THE MAJORITY OF THE CONSTRUCTION SYSTEMS TO BE PROVIDED. THEY ARE NOT INTENDED TO REPRESENT A COMPLETE LISTING OF SYSTEMS REQUIRED AND DO NOT NECESSARILY INDICATE ALL OF THE CONSTRUCTION REQUIREMENTS TO BE PROVIDED BY THE CONTRACT DOCUMENTS.
 - REFERENCE FOR FIRE RESISTANCE AND SOUND RATINGS:
 CONCRETE MASONRY HANDBOOK, SOUND CONTROL, GYPSUM ASSOCIATION, FIRE RESISTANCE DESIGN MANUAL, ELEVENTH EDITION.
 NCMAC: NATIONAL CONCRETE MASONRY ASSOCIATION TEK NOTES.
 SK: SHIRNER AND ASSOCIATES
 UL: UNDERWRITERS LABORATORIES, INC., FIRE RESISTANCE
 - REFER TO PLANS AND SECTIONS FOR CONSTRUCTION SYSTEMS, AND FOR LOCATIONS AND REQUIRED FIRE RATINGS OF THE RATED SYSTEMS. HORIZONTAL RATINGS SHALL EQUAL THAT SHOWN FOR THE WALLS ON THE FLOOR PLANS.
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 - PROVIDE SEALANT AT PERIMETER OF ALL SMOKE RESISTIVE PARTITIONS AND AT ALL PARTITIONS PENETRATIONS. PROVIDE ACOUSTICAL SEALANT AT PERIMETER OF ALL SOUND RATED PARTITION AND AT ALL PARTITION PENETRATIONS. IF PARTITION IS FIRE RATED, PROVIDE U.L. LABELED FIRESTOPPING IN PLACE OF ACOUSTICAL SEALANT. AT PARTITIONS THAT ARE SOUND AND FIRE RATED, PROVIDE ACOUSTICAL SEALANT AT PARTITION PENETRATIONS THAT DO NOT REQUIRE FIRESTOPPING (EXAMPLE: DUCT PENETRATIONS WITH FIRE DAMPERS).
 - PROVIDE FIRE RATED CMU (OR EQUIVALENT) WHERE PARTITION INDICATED TO BE FIRE RATED ON FLOOR PLANS. RATED PARTITION TO MEET CONSTRUCTION REQUIREMENTS OF FIRE RATING REFERENCE LISTED.
 - WHERE METAL/WOOD PARTITION IS INDICATED TO BE FIRE RATED, PROVIDE MANUFACTURER'S PROPRIETARY GYPSUM BOARD MEETING THE DESIGNATED FIRE REFERENCE LISTED. RATED PARTITION TO MEET CONSTRUCTION REQUIREMENTS OF RATING REFERENCE LISTED.
 - REFER TO DETAILS () FOR FIRE RATED TOP OF WALL DETAILS.
 - REFER TO STRUCTURAL DRAWINGS FOR WALLS THAT ARE STRUCTURALLY REQUIRED TO EXTEND TO UNDERSIDE OF DECK.
 - PROVIDE WEEPS AT BASE OF ALL WALLS AND COLUMNS WITH VENEER.
 - AT CAVITY WALLS, KEEP CAVITY CLEAR OF ALL MORTAR.
 - PROVIDE DEFLECTION TRACK AT HEAD OF ALL METAL STUD PARTITIONS ATTACHED TO STRUCTURE ABOVE.
 - GYPSUM BOARD NOTES:
 a. PROVIDE MOISTURE RESISTANT GYPSUM BOARD WITHIN 24" OF ALL PLUMBING FIXTURES WHERE GYPSUM BOARD PARTITIONS ARE TO BE PROVIDED.
 b. PROVIDE IMPACT RESISTANT GYPSUM BOARD TO 8'-0" ABOVE FINISHED FLOOR ON THE CORRIDOR SIDE OF GYPSUM WALLBOARD PARTITIONS & IN ALL CLASSROOMS, CLASSROOM RESTROOMS, & CONNECTOR WALLS. GYP/BD NOT REQUIRED TO BE IMPACT RESISTANT WHERE INSTALLED BEHIND CASEWORK OR MILLWORK.
 - CONCRETE MASONRY UNIT WALLS AND PARTITIONS: PROVIDE HORIZONTAL JOINT REINFORCEMENT, VERTICAL REINFORCEMENT, BOND BEAMS, GROUTING, AND ADDITIONAL REQUIREMENTS AS INDICATED BY STRUCTURAL DRAWINGS AND SPECIFICATIONS.
 - SOUND ATTENUATION BLANKETS SHALL FILL CAVITY TO THE NEAREST 1/2" SIZE OF BLANKETS AVAILABLE (ROUNDED DOWN FROM THE CAVITY WIDTH).
 - RESERVED.
 - COMPOSITE METAL WALL PANELS ARE TO BE PROVIDED PER LISTED SPECIFICATION AND INSTALLED PER SPECIFICATION ASSOCIATED WITH METAL PANEL CLADDING SYSTEM ON SPECIFIC WALL TYPE.
 - COLOR, TEXTURE AND FACE PATTERN OF INTERIOR OR EXTERIOR FACE MATERIAL MAY VARY. SEE SPECIFICATIONS AND DRAWINGS FOR CLARIFICATION.
 - SEE FINISH SCHEDULE AND FLOOR PLANS FOR LOCATION OF APPLIED FINISHES (SUCH AS FURRING, CERAMIC TILE, WALL COVERING, ETC) THAT MAY AFFECT THE PARTITION SURFACE AND CONSTRUCTION REQUIREMENTS.
 - WHERE CERAMIC TILE IS SCHEDULED AT METAL STUD WALLS, PROVIDE CEMENTITIOUS BACKER UNITS. WHERE CERAMIC TILE IS NOT SCHEDULED TO BE FULL HEIGHT OF PARTITION, PROVIDE GYPSUM BOARD (TYPE X @ RATED PARTITIONS) @ THOSE PORTIONS OF THE PARTITION NOT SCHEDULED TO RECEIVE CERAMIC TILE, UNLESS NOTED OTHERWISE. CEMENTITIOUS BACKER UNIT TO BE THE SAME THICKNESS AS GYPSUM BOARD. PROVIDE MOISTURE RESISTANT GYPSUM BOARD WITHIN 24" OF ALL PLUMBING FIXTURES WHERE CERAMIC TILE IS NOT SCHEDULED.
 - PROVIDE CLEAN SAND FILL IN ALL MASONRY CELLS SURROUNDING MECHANICAL ROOMS AND MUSIC CLASSROOMS.
 - FURRED SINGLE FACE SYSTEMS SHALL EXTEND TO 6" ABOVE FINISHED CEILING. IF CEILING IS TO BE LEFT EXPOSED, EXTEND SYSTEM TO UNDERSIDE OF STRUCTURE. SMOKE RESISTIVE AND FIRE-RATED PARTITIONS SHALL EXTEND TO STRUCTURE ABOVE.
 - PROVIDE BULL-NOSE CMU CORNERS ON INTERIOR BLOCK WALLS AND COLUMN SURROUNDS WHERE THERE IS A PROTRUDING CORNER CONDITION.
 - AT UNRATED STUD PARTITIONS NOTED TO EXTEND TO DECK, WHERE A GYPSUM BOARD WALL FINISH ABUTS A GYPSUM BOARD CEILING FINISH, THE WALL FINISH IS NOT REQUIRED TO EXTEND BEYOND THE CEILING. AT PARTITIONS WITH INSULATION, INSTALL INSULATION NETTING ON UNFINISHED FACE OF STUD ABOVE CEILING.
 - WHERE GYPSUM BOARD ABUTS CMU AT PARTITIONS AND CEILINGS, PROVIDE 1/4" JOINT FILLED WITH SEALANT OVER BACKER ROD.
 - WHERE COLUMNS AND FIRESTOPPING INTERFERE WITH GYPSUM BOARD PARTITIONS, FRAME AROUND COLUMNS AS TIGHT AS POSSIBLE, UNLESS NOTED OTHERWISE.

MATERIAL CODE & SIZE CHART

CORE MATERIAL CODE						
	METAL STUD	WOOD STUD	CMU	BRICK	CONCRETE	SHAFT
	M	W	U	B	C	S
# NOMINAL CORE SIZE	1 (HAT CHANNEL)	1X FURRING STRIPS	-	-	-	-
2	1-5/8"	2X2	-	-	-	-
3	2-1/2"	2X3	-	-	-	2-1/2"
4	3-5/8"	2X4	4"	1 WYTHE	4"	4"
6	6"	2X6	6"	-	6"	6"
8	8"	2X8	8"	2 WYTHE	8"	-
10	10"	2X10	10"	-	10"	-
12	12"	2X12	12"	3 WYTHE	12"	-



MODIFIER	
MARK	DESCRIPTION
A.	5/8" GYPSUM WALL BOARD ONE SIDE OF PARTITION.
B.	5/8" GYPSUM WALL BOARD BOTH SIDES OF PARTITION.
C.	MULTI LAYER GYPSUM BOARD PER FIRE RATING ASSEMBLY.
D.	TILE ONE SIDE OF PARTITION.
E.	TILE TWO SIDES OF PARTITION.
F.	TILE ONE SIDE OF PARTION, NO FINISH ON OPP. SIDE.
G.	RESERVED.
H.	RESERVED.
I.	5/8" GYPSUM WALL BOARD ONE SIDE OF PARTITION, WITH SOUND ATTENUATION/ THERMAL INSULATION.
J.	5/8" GYPSUM WALL BOARD BOTH SIDES OF PARTITION, WITH SOUND ATTENUATION.
K.	MULTI LAYER GYPSUM BOARD PER FIRE RATING ASSEMBLY, WITH SOUND ATTENUATION.
L.	TILE ONE SIDE OF PARTITION, WITH SOUND ATTENUATION.
M.	TILE TWO SIDES OF PARTITION, WITH SOUND ATTENUATION.
N.	TILE ONE SIDE OF PARTION, NO FINISH ON OPP. SIDE, WITH SOUND ATTENUATION.
O.	RESERVED.
P.	RESERVED.
Q.	LAMINATED TILE ONE SIDE.
R.	LAMINATED TILE EACH SIDE.
S.	RESERVED.
T.	RESERVED.
U.	5/8" GYPSUM BOARD EACH SIDE, PROVIDE SHEATHING PER STRUCTURAL.
V.	SUBSTITUTE SINGLE LAYER OF GYPSUM BOARD WITH (2) 1/4" LAYERS OF GYPSUM BOARD AT CURVE.
W.	RUNNING BOND CMU CONSTRUCTION.
X.	STACKED BOND CMU CONSTRUCTION.
Y.	RUNNING BOND CMU W/ TILE ONE SIDE OF PARTITION.
Z.	RESERVED.
AA.	RESERVED.
BB.	RESERVED.

HEAD CONDITION	
MARK	DESCRIPTION
a.	EXTEND TO UNDERSIDE OF DECK
b.	EXTEND TO 4" ABOVE CEILING, MIN.
c.	PARTIAL HEIGHT PARTITION, EXTEND TO HEIGHT INDICATED. REFER TO INTERIOR DETAILS FOR WALL CAP DETAIL.
d.	EXTEND CMU TO 4" ABOVE CEILING. PROVIDE 3-5/8" METAL STUD FRAMING WITH 5/8" GYPSUM BOARD EACH SIDE UP TO UNDERSIDE OF DECK, WHERE CONDITION OCCURS AT AN UNCONDITIONED SPACE. PROVIDE R-18 BATT INSULATION WHERE CONDITION OCCURS AT RATED PARTITION. PROVIDE TYPE X GYP. BD.
e.	EXTEND WALL UP TO UNDERSIDE OF BEAM. REFER TO STRUCTURAL.
f.	EXTEND WALL UP TO UNDERSIDE OF GYPSUM CEILING.

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 GMP CONSTRUCTION DOCUMENTS

FACILITY CODE: 1607
FT: 1000
FUNDING: LOCAL EFFORT
BID NO #: C22-01

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 COGDELL & MENDRALA ARCHITECTS, PC
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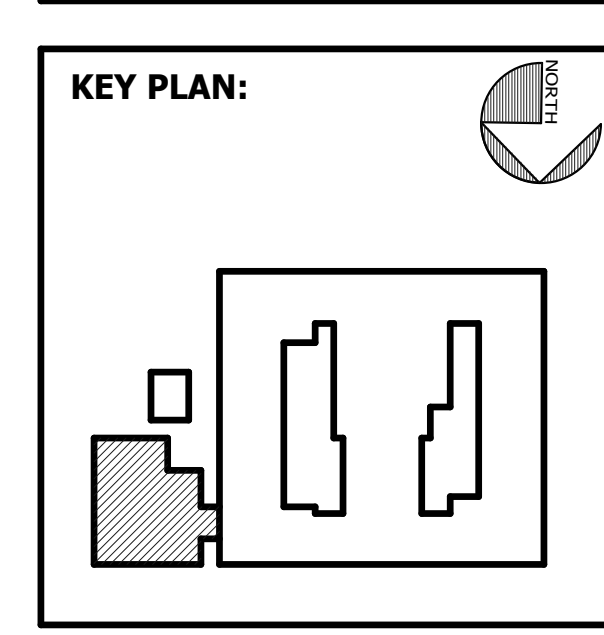
SEAL:

PROJECT CONSULTANTS:

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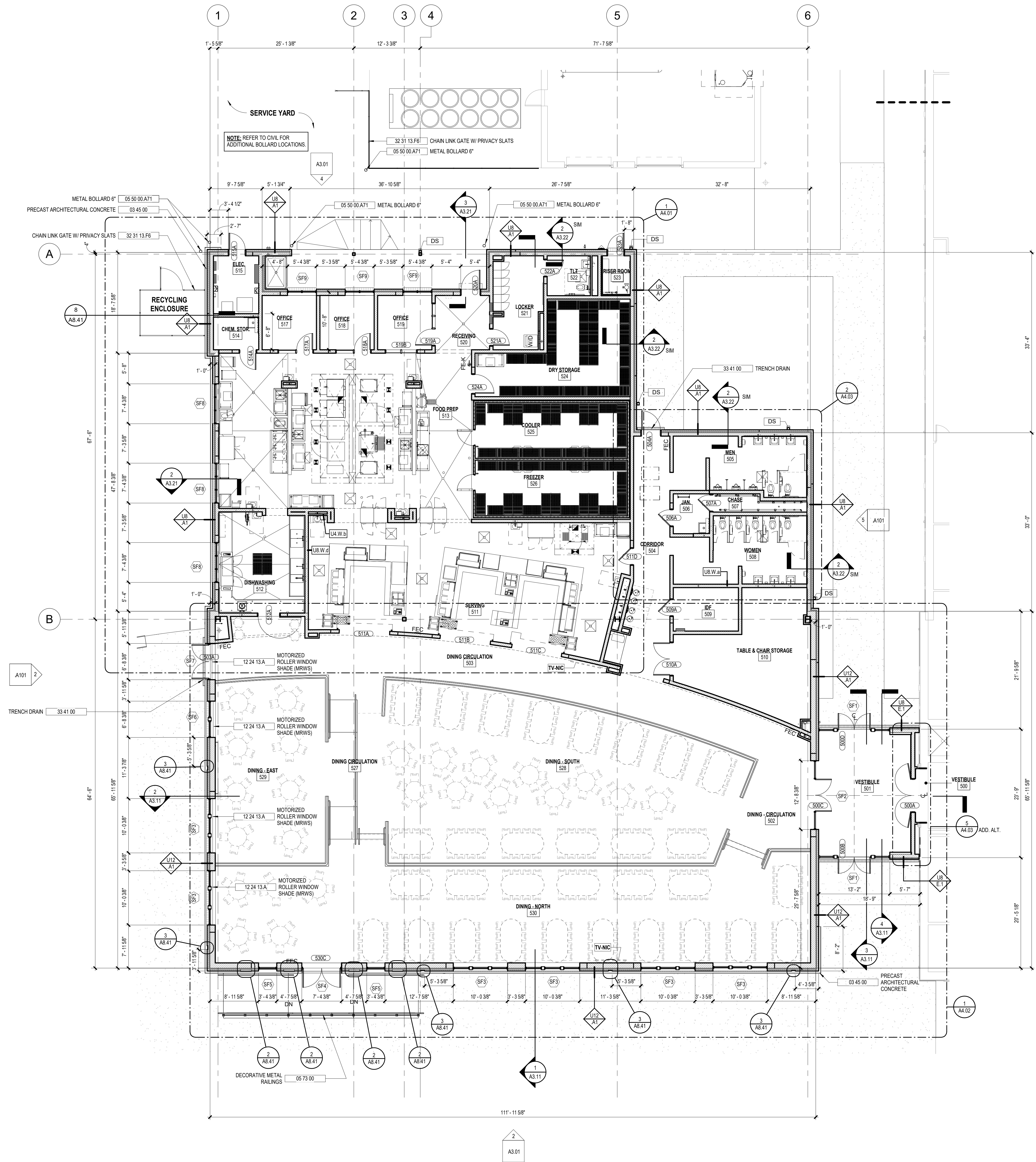
SHEET TITLE:
INTERIOR CONSTRUCTION SYSTEMS

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: TLC
SCALE: As indicated

SHEET: **A0.04**

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KEYNOTE LEGEND - BY SHEET

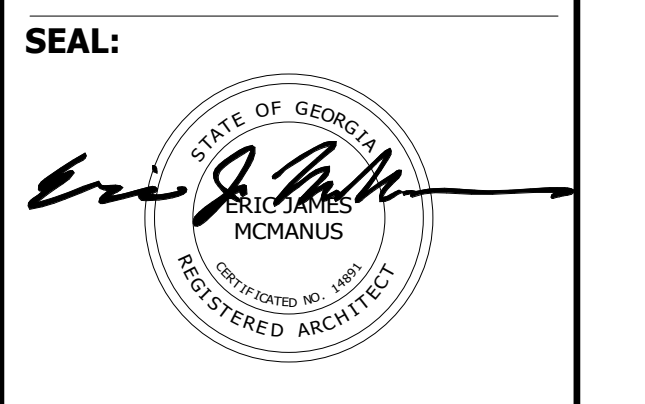
NO.	NOTE
03 45 00	PRECAST ARCHITECTURAL CONCRETE
05 50 00 A71	METAL BOLLARD 6"
05 73 00	DECORATIVE METAL RAILINGS
12 24 13 A	MOTORIZED ROLLER WINDOW SHADE (MRWS)
32 31 13 F6	CHAIN LINK GATE W/ PRIVACY SLATS
33 41 00	TRENCH DRAIN

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FACILITY CODE: 1607
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BID NO#: C22-01

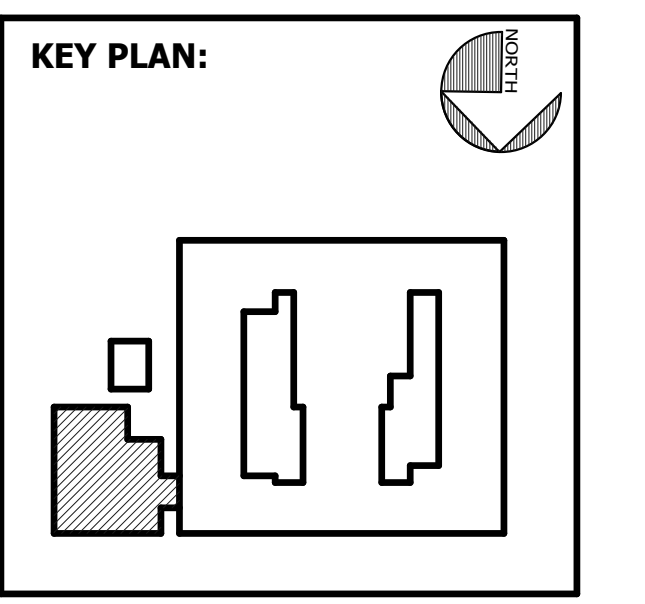
Cogdell Mendrala Architects
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SAVANNAH, GA 31406



SHEET TITLE:
CAFETERIA ADDITION FLOOR PLAN

REVISION SCHEDULE

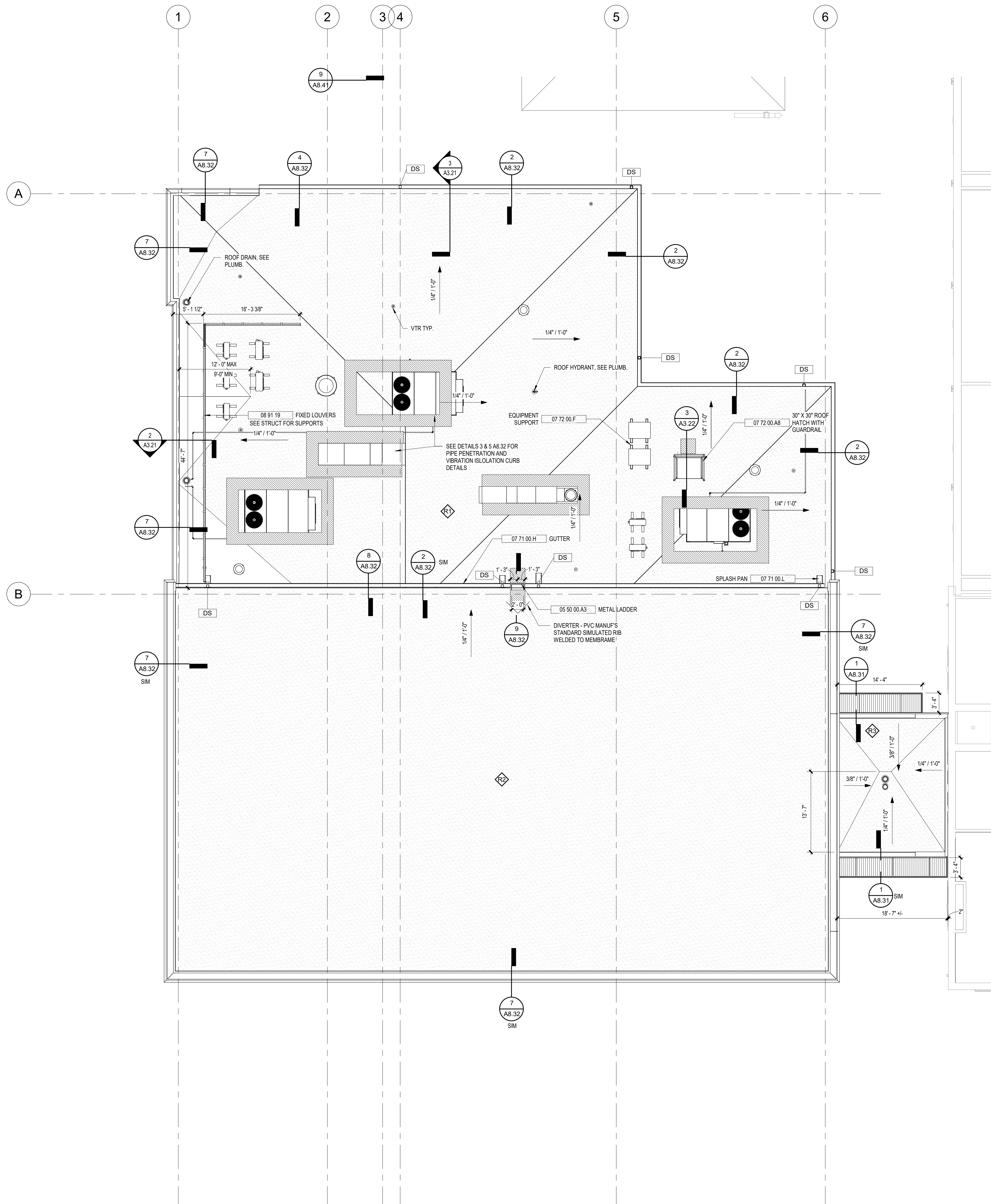
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: TLC
SCALE: 1/8" = 1'-0"
SHEET: **A2.04**

1 CAFETERIA ADDITION FLOOR PLAN
A2.04 1/8" = 1'-0"

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KEYNOTE LEGEND - BY SHEET

NO.	NOTE
05 50 00 A3	METAL LADDER
07 71 00 H	GUTTER
07 71 00 L	SPLASH PAN
07 72 00 A8	30" X 30" ROOF HATCH WITH GUARDRAIL
07 72 00 F	EQUIPMENT SUPPORT
08 91 19	FIXED LOUVERS

ROOF LEGEND

	07 54 19 POLYVINYLCHLORIDE (PVC) ROOFING
	07 54 19 POLYVINYLCHLORIDE (PVC) ROOFING WALKPAD
	EXHAUST FAN WITH MANUFACTURED CURB
	ROOF DRAIN
	VTR
	DS DOWNSPOUT, SIZE 4" X 6" U.N.O.
	SLOPE DIRECTION OF ROOF PITCH

GENERAL ROOF PLAN NOTES

- NOT ALL PENETRATIONS ARE SHOWN ON ROOF PLAN. NOTIFY ARCHITECT OF ANY PENETRATIONS NOT SHOWN ON ROOF PLAN TO COORDINATE FINAL LOCATIONS.
- WHERE SLOPE (XX" / 1'-0") IS NOT INDICATED, SLOPE ROOF MIN. 1/4" PER FOOT. PROVIDE SHOP DRAWINGS INDICATING ACTUAL SLOPES. (03 32) TO LVC INSTALLER TO FOLLOW APPROVED SHOP DRAWINGS.
- AT PENETRATIONS IN 07 54 19 POLYVINYLCHLORIDE (PVC) ROOFING, PROVIDE MANUFACTURER'S STANDARD FLASHING - TO BE INCLUDED IN WARRANTY.
- INSTALL ALL SHEET METAL FLASHINGS AT ROOF PENETRATIONS IN ACCORDANCE WITH SMACNA SHEET METAL MANUAL, CURRENT EDITION.
- ALL ROOF CURBS TO BE INSTALLED BY ROOFING CONTRACTOR.
- INSTALL CAST IRON BOOTS AT BOTTOM OF ALL DOWNSPOUTS TIED TO UNDERGROUND STORM PIPING. PAINT TO MATCH DOWNSPOUTS, SEE DETAIL ON A8 41.
- PROVIDE CRICKETS ON THE HIGH SIDE OF ALL CURBS EXCEEDING 30" IN WIDTH.
- PROVIDE 04 41 13 SPLASH PANS AT EACH LOCATION WHERE DOWNSPOUTS DRAIN ONTO LOW SLOPE ROOF.
- SEE SHEET A8 32 FOR TYPICAL PRE-FABRICATED CURB DETAIL.
- WHERE A NOTED DETAIL IS SHOWN FOR ONE CONDITION IT SHALL APPLY TO ALL SIMILAR AND LIKE CONDITIONS, UNLESS NOTED OTHERWISE.
- SLOPE ALL CRICKETS MINIMUM 1/2" PER FOOT, UNLESS NOTED OTHERWISE.
- REFER TO SHEETS A8 31 - A8 32 FOR TYPICAL ROOF DETAILS.
- INSTALL FLASHING AT ALL ROOF PENETRATIONS.
- GUTTERS SHALL BE SLOPED TOWARDS DOWNSPOUTS.
- DOWNSPOUTS SHALL BE #4" UNLESS NOTED OTHERWISE.
- PROVIDE ROOF PROTECTION PAD AT TOP AND BOTTOM OF ALL ROOF ACCESS LADDERS.
- TOPS OF ROOF CURBS TO BE LEVEL.

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FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO #: C22-01

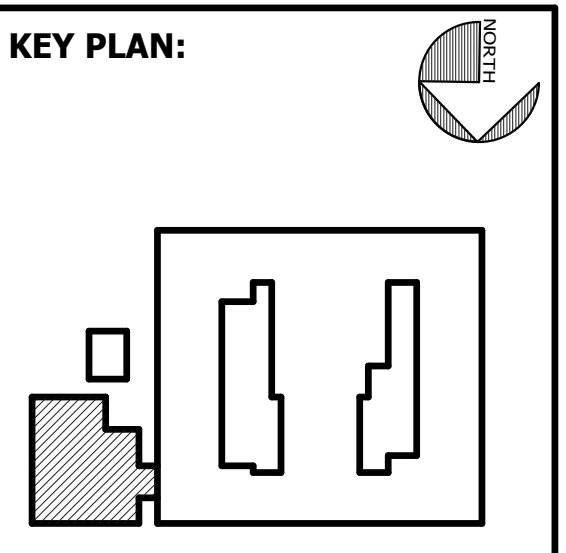
Cogdell Mendrala Architects
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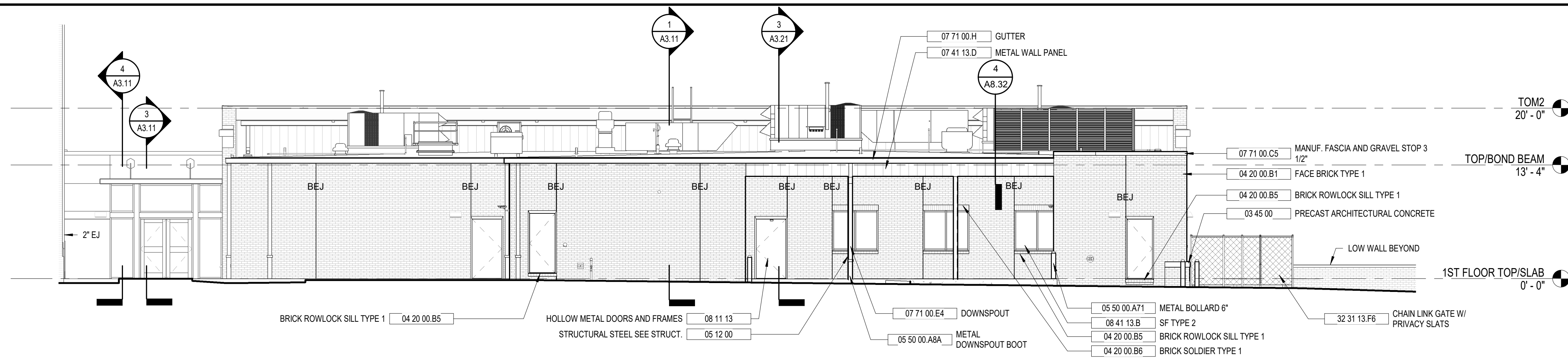
MECHANICAL & ELECTRICAL ENGINEER:
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SHEET TITLE:
CAFETERIA ADDITION ROOF PLAN

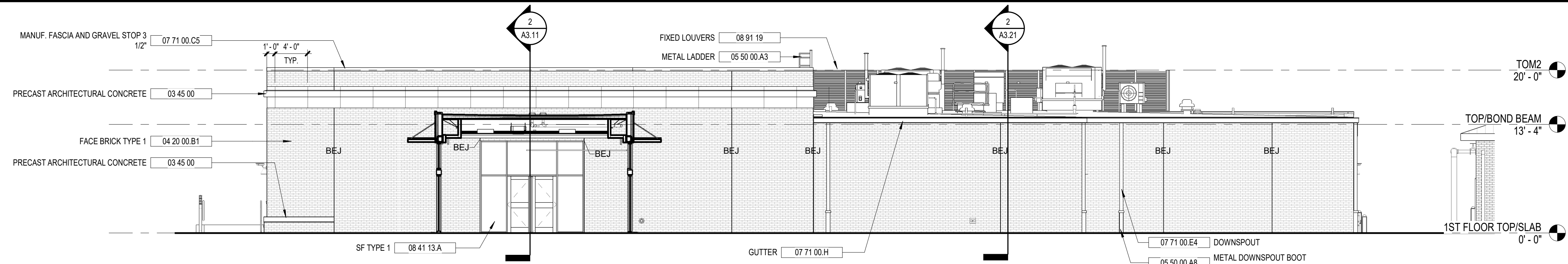
REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: RML
SCALE: 1/8" = 1'-0"
SHEET: **A2.05**



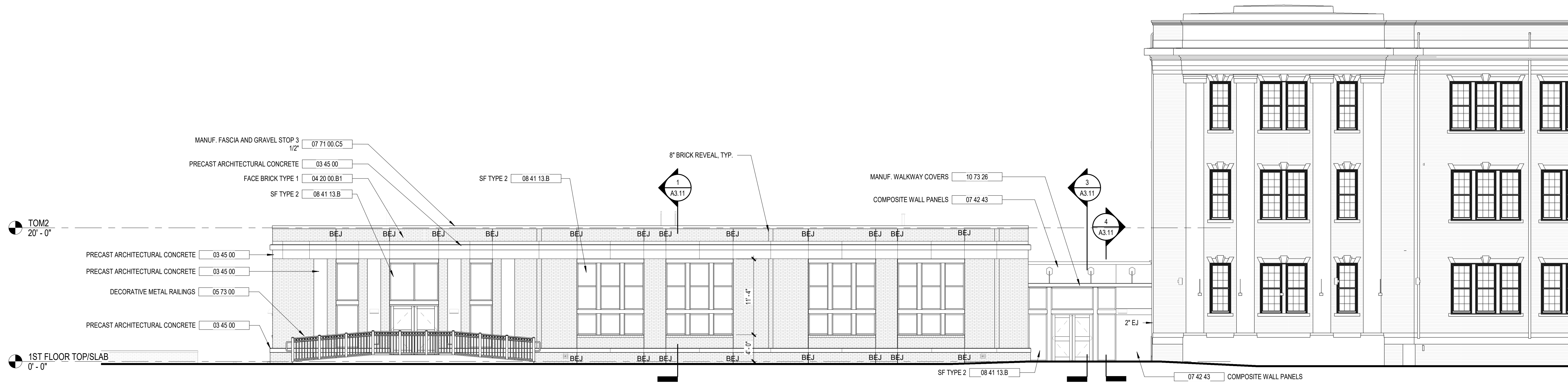
4 SOUTH ELEVATION

A3.01 1/8" = 1'-0"



3 WEST ELEVATION

A3.01 1/8" = 1'-0"



2 NORTH ELEVATION

A3.01 1/8" = 1'-0"



1 EAST ELEVATION

A3.01 1/8" = 1'-0"

KEYNOTE LEGEND - BY SHEET

NO.	NOTE
03 45 00	PRECAST ARCHITECTURAL CONCRETE
04 20 00 B1	FACE BRICK TYPE 1
04 20 00 B5	BRICK ROWLOCK SILL TYPE 1
04 20 00 B6	BRICK SOLDIER TYPE 1
05 12 00	STRUCTURAL STEEL SEE STRUCT.
05 50 00 A3	METAL LADDER
05 50 00 A8	METAL DOWNSPOUT BOOT W/ CLEANOUT
05 50 00 A8A	METAL DOWNSPOUT BOOT
05 50 00 A71	METAL BOLLARD 6"
05 73 00	DECORATIVE METAL RAILINGS
07 41 13 D	METAL WALL PANEL
07 42 43	COMPOSITE WALL PANELS
07 71 00 C5	MANUF. FASCIA AND GRAVEL STOP 3 1/2"
07 71 00 E4	DOWNSPOUT
07 71 00 H	GUTTER
08 11 13	HOLLOW METAL DOORS AND FRAMES
08 41 13 A	SF TYPE 1
08 41 13 B	SF TYPE 2
08 91 19	FIXED LOUVERS
10 73 26	MANUF. WALKWAY COVERS
32 31 13 F6	CHAIN LINK GATE W/ PRIVACY SLATS

GENERAL ELEVATION NOTES

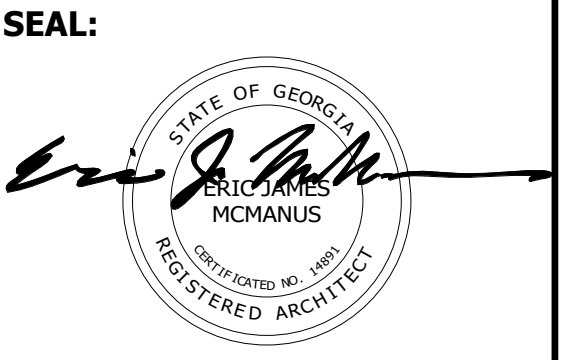
- FASCIA, SOFFIT PANELS, AND DOWNSPOUTS SHALL MATCH MANUFACTURED ROOF PANEL COLOR.
- PAINT DOWNSPOUT BOOTS TO MATCH DOWNSPOUTS.
- METAL COPING SHALL MATCH MANUFACTURED WALL PANEL COLOR.
- BRICK EXPANSION JOINTS SHALL BE INSTALLED PER THE BRICK INDUSTRY ASSOCIATION TECHNICAL NOTES 18A (BIA.ORG). REFER TO DETAIL _____ AND AS SHOWN ON ELEVATIONS.
- ALL BRICK TO BE BRICK COLOR #1, UNLESS NOTED OTHERWISE.
- ALL EXPOSED LINTELS, STRUCTURE, RAILINGS, ETC. TO BE PAINTED UNLESS PREFINISHED OR NOTED OTHERWISE.
- ALL LOUVERS UNDER DIVISION 23 SPECIFICATIONS TO BE PAINTED TO MATCH BRICK COLOR.
- GUTTERS SHALL MATCH MANUFACTURED ROOF PANEL COLOR.
- GUTTERS SHALL MATCH METAL ROOF EDGE TRIM.
- DOWNSPOUTS AND/OR CONDUCTOR HEADS SHALL MATCH MANUFACTURED WALL PANEL COLOR.
- DOWNSPOUTS SHALL MATCH BRICK COLOR.

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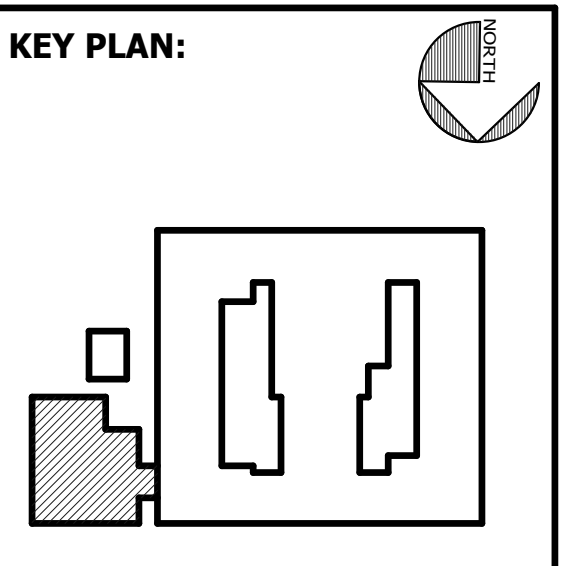
Cogdell Mendrala Architects
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SHEET TITLE:
CAFETERIA ADDITION EXTERIOR ELEVATIONS

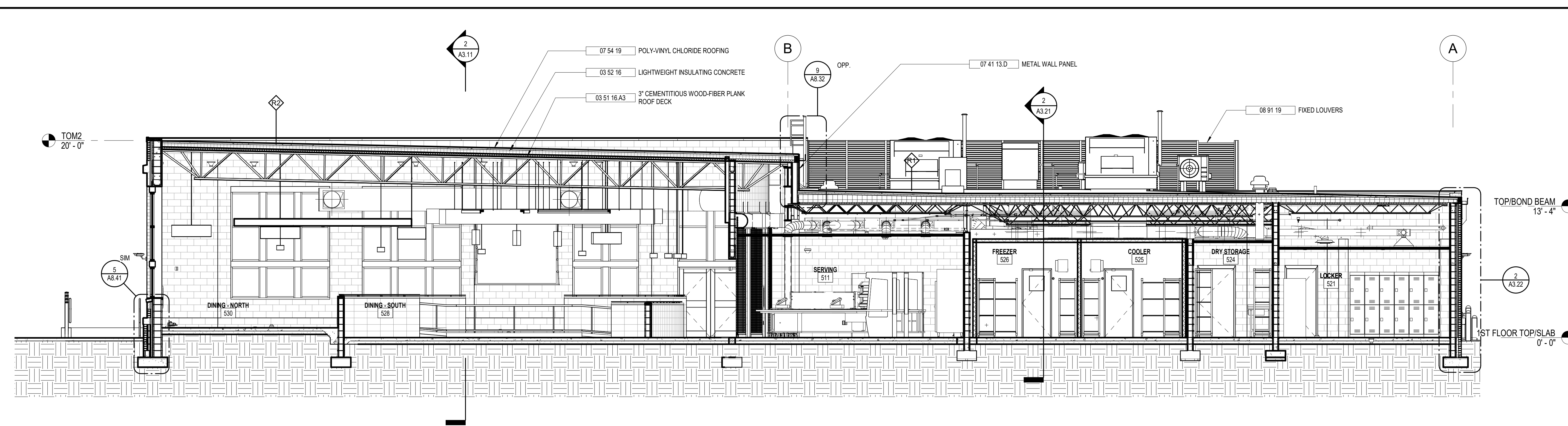
REVISION SCHEDULE

DATE	DESCRIPTION

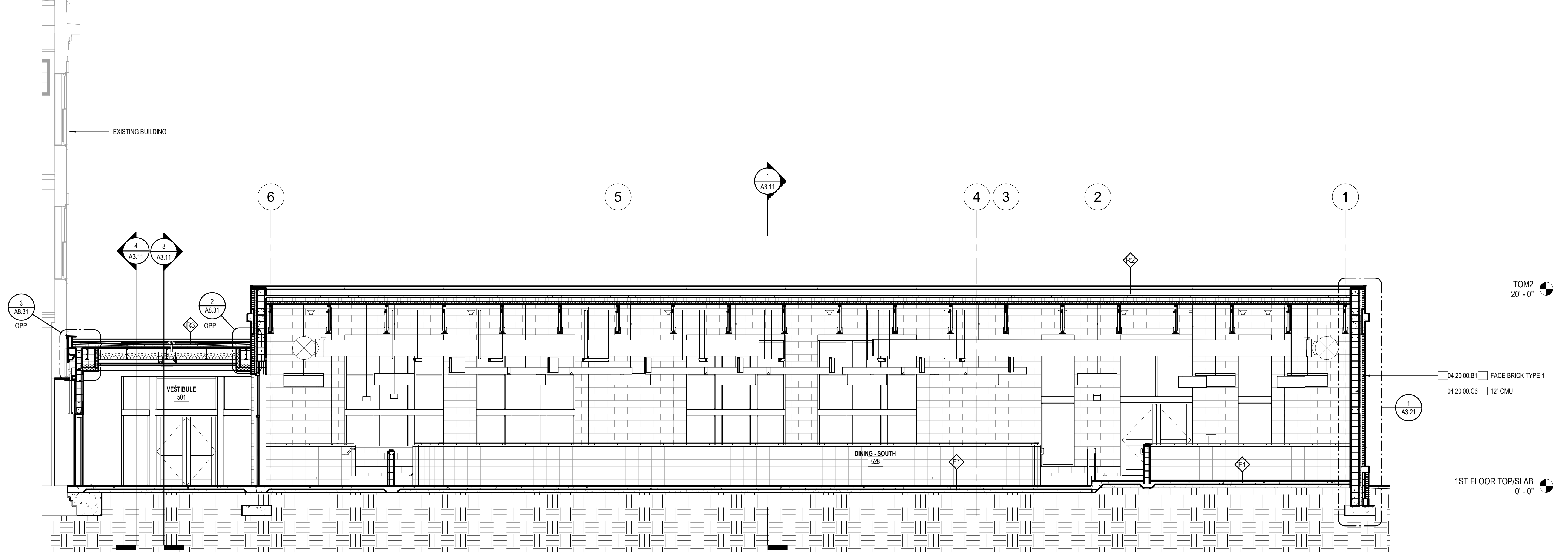
PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: EJM
SCALE: 1/8" = 1'-0"
SHEET: **A3.01**

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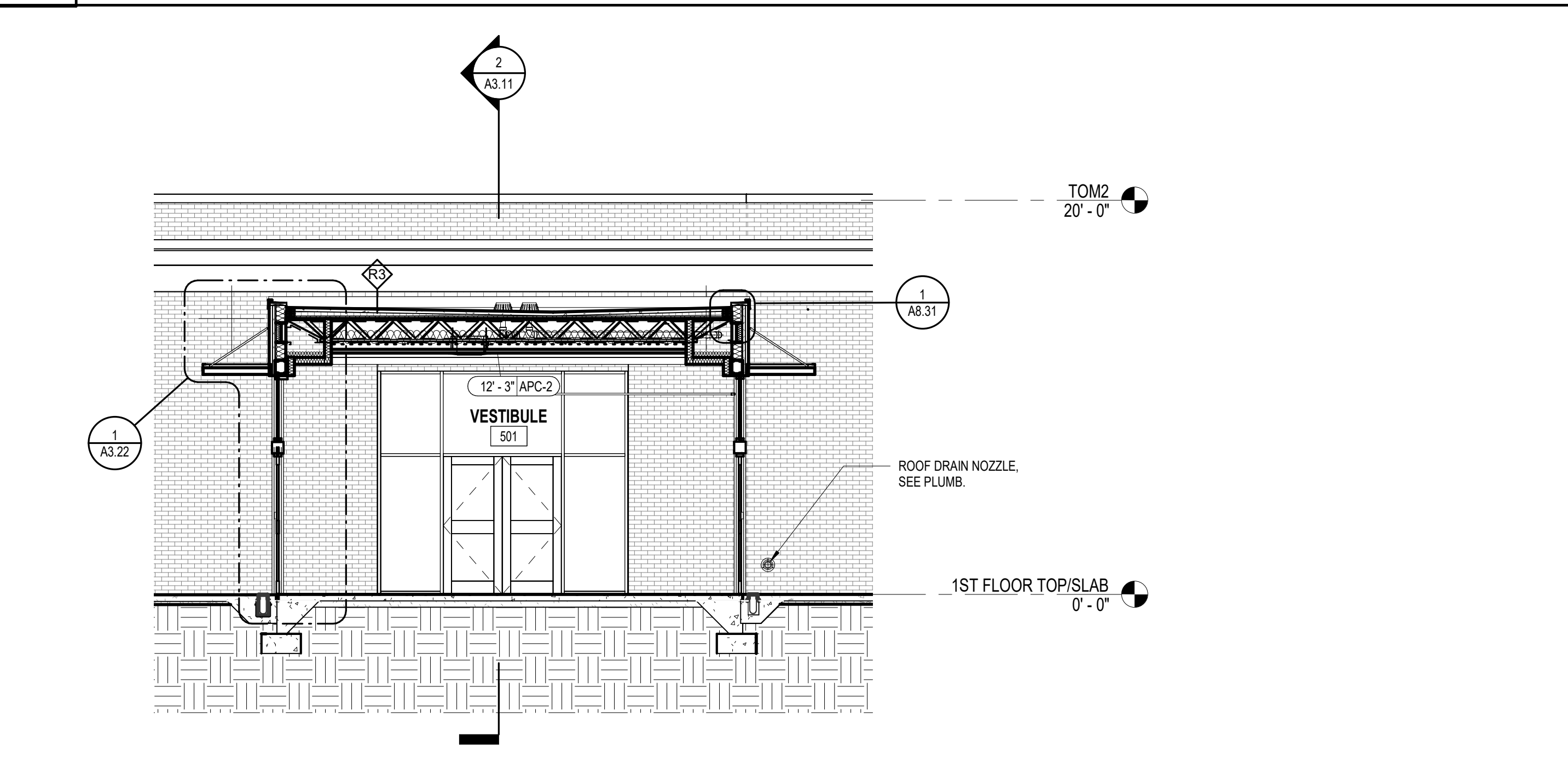
KEYNOTE LEGEND - BY SHEET	
NO.	NOTE
03 51 16 A3	3" CEMENTITIOUS WOOD-FIBER PLANK ROOF DECK
03 52 16	LIGHTWEIGHT INSULATING CONCRETE
04 20 00 B1	FACE BRICK TYPE 1
04 20 00 C6	12" CMU
07 41 13 D	METAL WALL PANEL
07 54 19	POLY-VINYL CHLORIDE ROOFING
08 91 19	FIXED LOUVERS



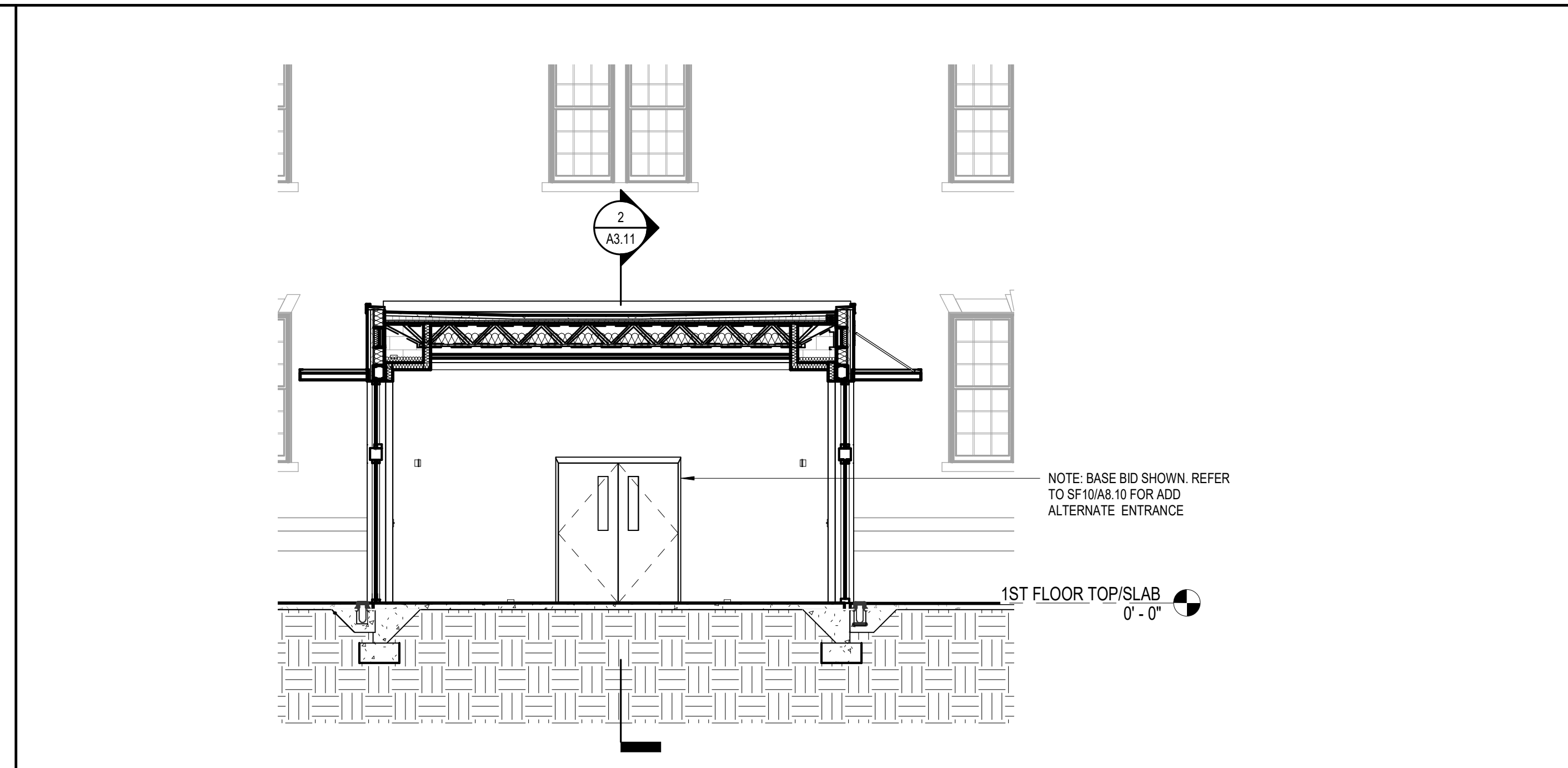
1 BUILDING SECTION 1
A3.11 3/16" = 1'-0"



2 BUILDING SECTION 2
A3.11 3/16" = 1'-0"



3 SECTION AT VESTIBULE LOOKING EAST
A3.11 3/16" = 1'-0"



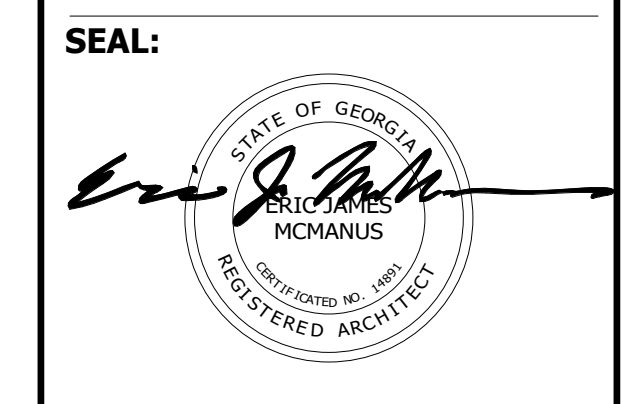
4 SECTION AT VESTIBULE LOOKING WEST
A3.11 3/16" = 1'-0"

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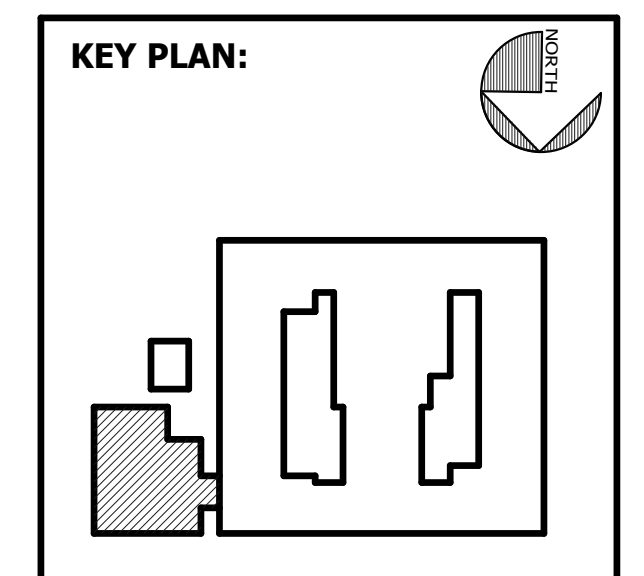


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SHEET TITLE:
CAFETERIA ADDITION BUILDING SECTIONS

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: RML
SCALE: 3/16" = 1'-0"
SHEET: **A3.11**

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KEYNOTE LEGEND - BY SHEET

NO.	NOTE
03 30 00 A	CAST-IN-PLACE CONCRETE
03 30 00 P4	PEJ - SEE STRUCT.
03 45 00	PRECAST ARCHITECTURAL CONCRETE
04 20 00 A1	HORIZ. JOINT REINF. (@ 16" O.C. U.N.O.)
04 20 00 A7	MORTAR CONTROL MATL.
04 20 00 A8	THROUGH WALL FLASHING
04 20 00 A10	WEEPS AT 32" O.C.
04 20 00 G5	MASONRY-FILL INSULATION
05 12 00	STRUCTURAL STEEL SEE STRUCT.
05 40 00 F5	3-5/8" METAL STUD
06 10 53 A2	WD. BLOCKING AS REQD.
06 10 53 F7	1/2" PL WOOD
07 54 19 B4	REINFORCED MEMB. LP & OVER PARAPET
07 71 00 C5	MANUF. FASCIA AND GRAVEL STOP 3 1/2"
08 91 19	FIXED LOUVERS


VOL. II SAVANNAH ARTS ACADEMY ADDITION
 500 WASHINGTON AVENUE
 SAVANNAH, GEORGIA 31405
 SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
 GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

Cogdell Mendrala Architects
 COGDELL & MENDRALA ARCHITECTS, PC
 517 EAST CONGRESS STREET
 SAVANNAH, GEORGIA 31401
 tel 912.234.6318
 fax 912.236.8414
 cogdelimendrala.com

SEAL:



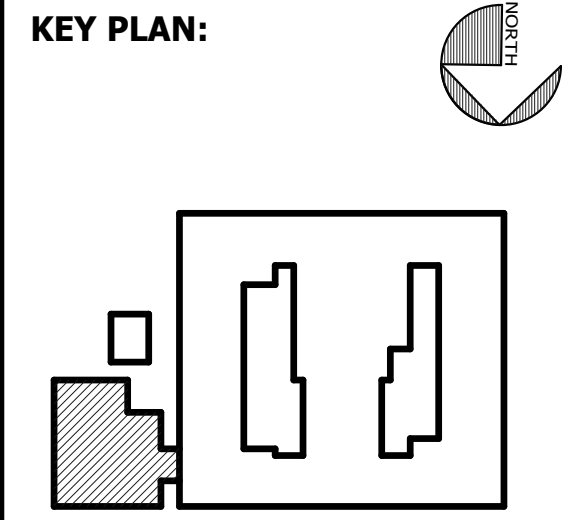
PROJECT CONSULTANTS:

CIVIL ENGINEER:
MAXWELL-REDDICK & ASSOCIATES
 40 JOE KENNEDY BLVD.
 STATESBORO, GA 30458

STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
 400 E. JOHNNY MERCER BOULEVARD
 SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
 7402 HODGSON MEMORIAL DRIVE,
 SUITE 100
 SAVANNAH, GA 31406

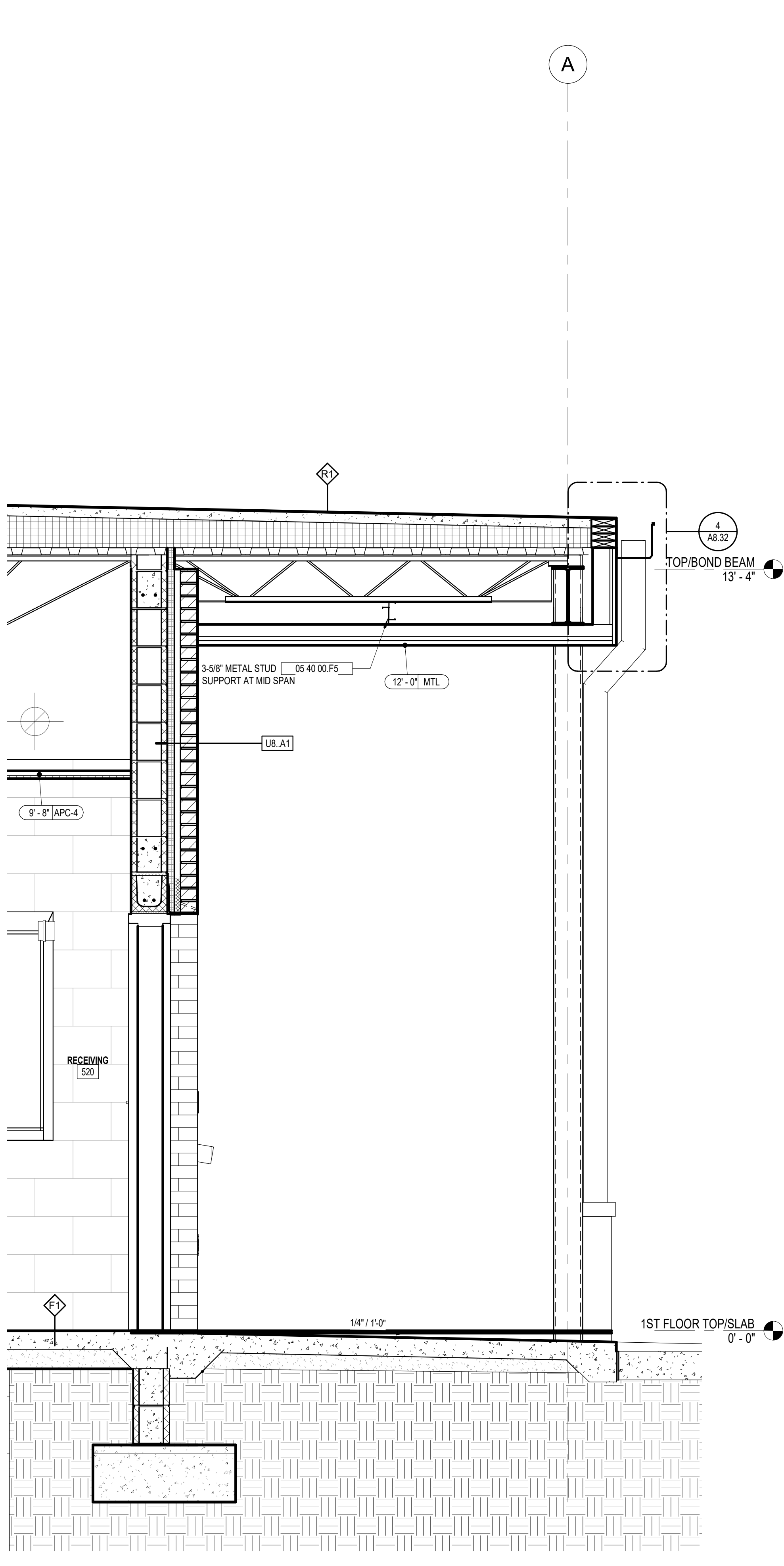
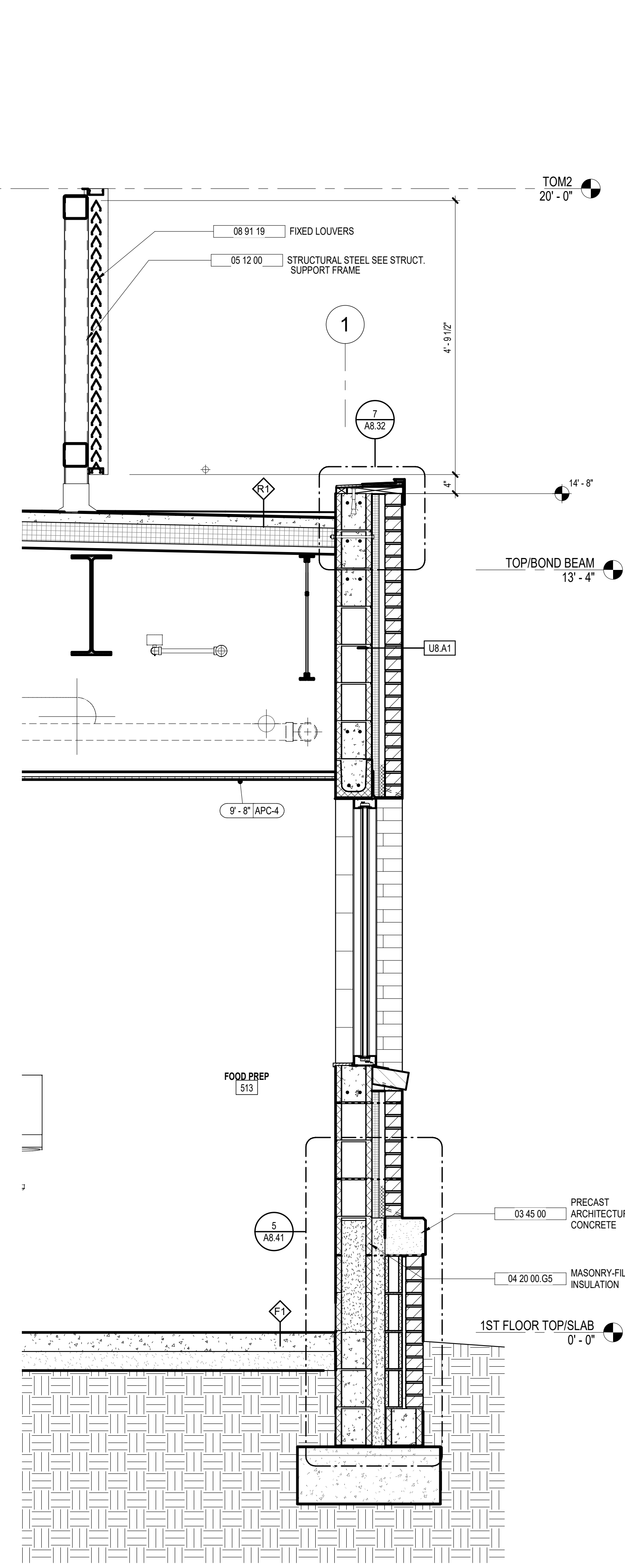
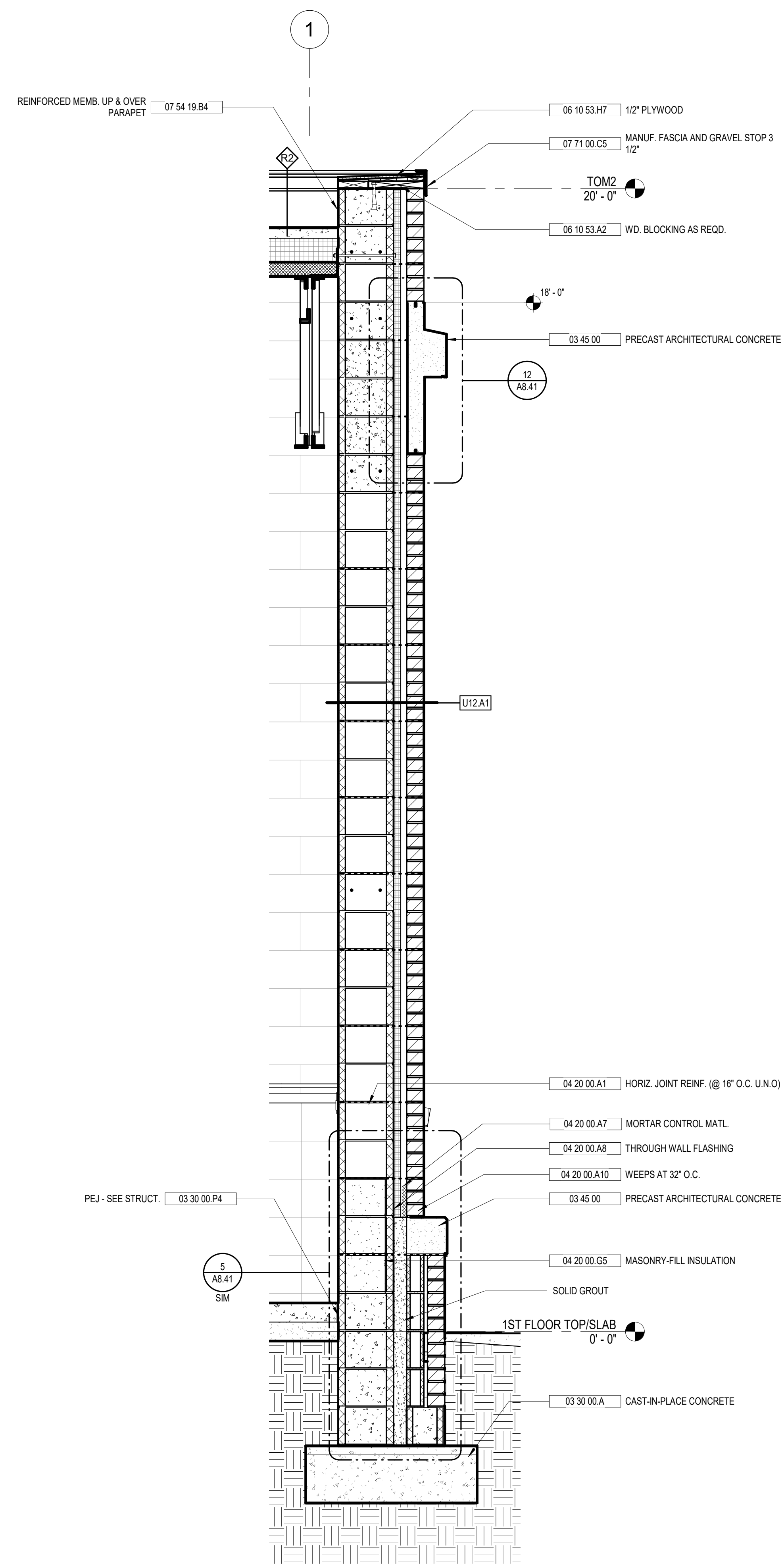
KEY PLAN:



SHEET TITLE:
CAFETERIA ADDITION WALL SECTIONS

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: RML
SCALE: 3/4" = 1'-0"
SHEET: **A3.21**



GENERAL SECTION NOTES

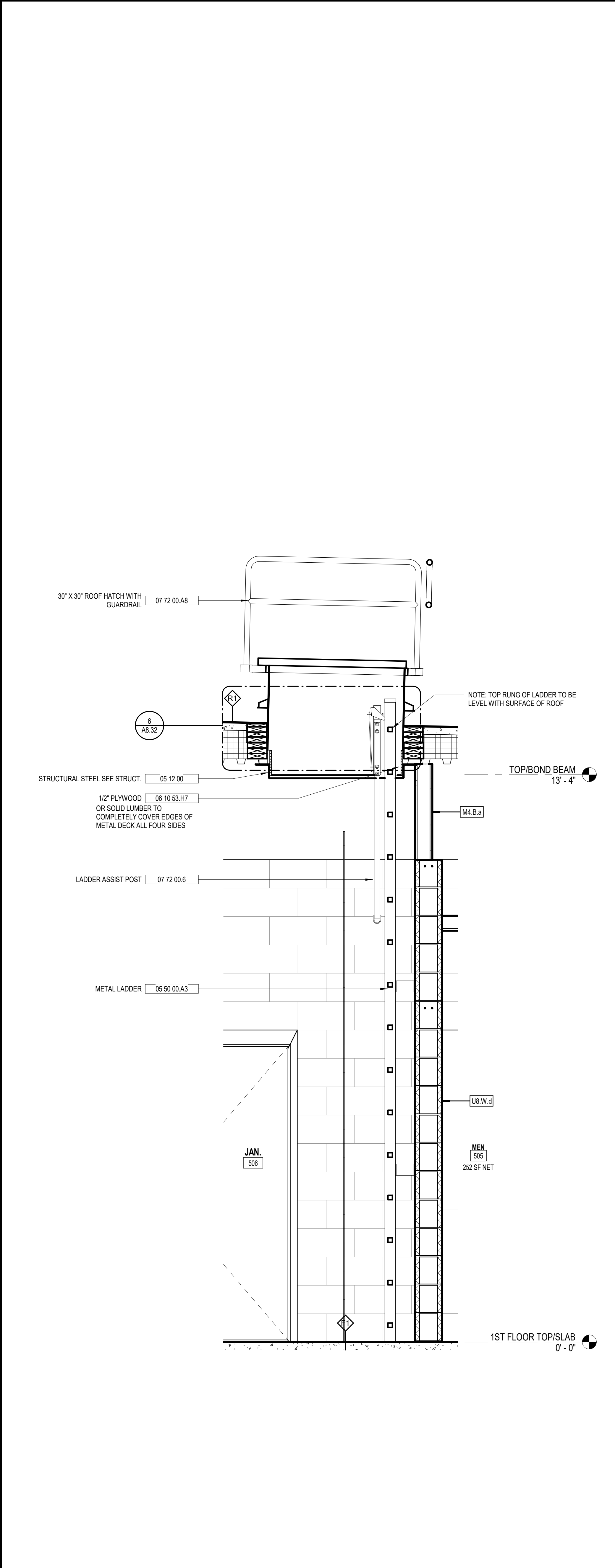
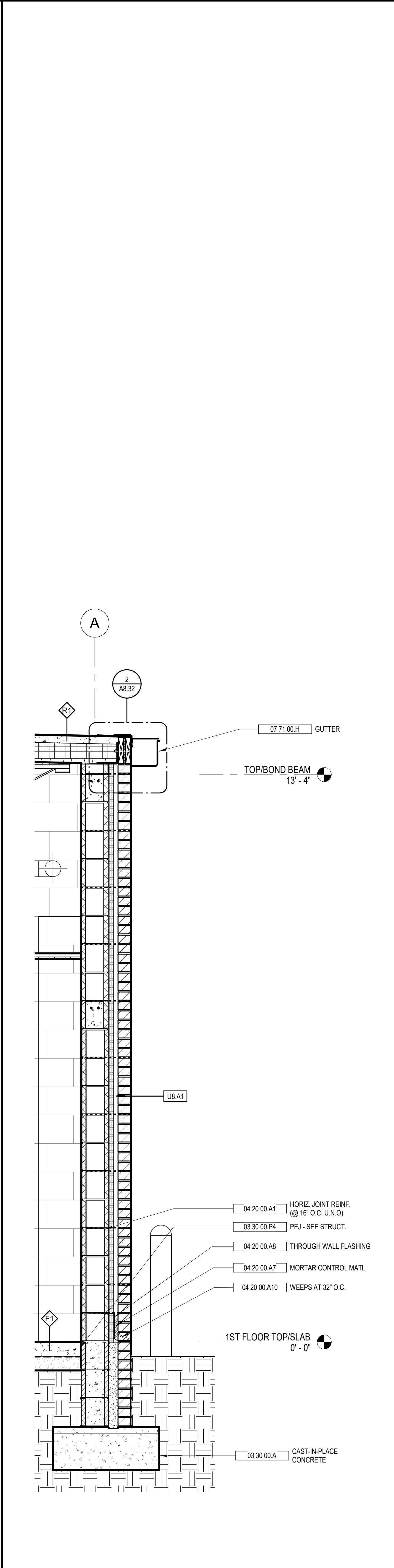
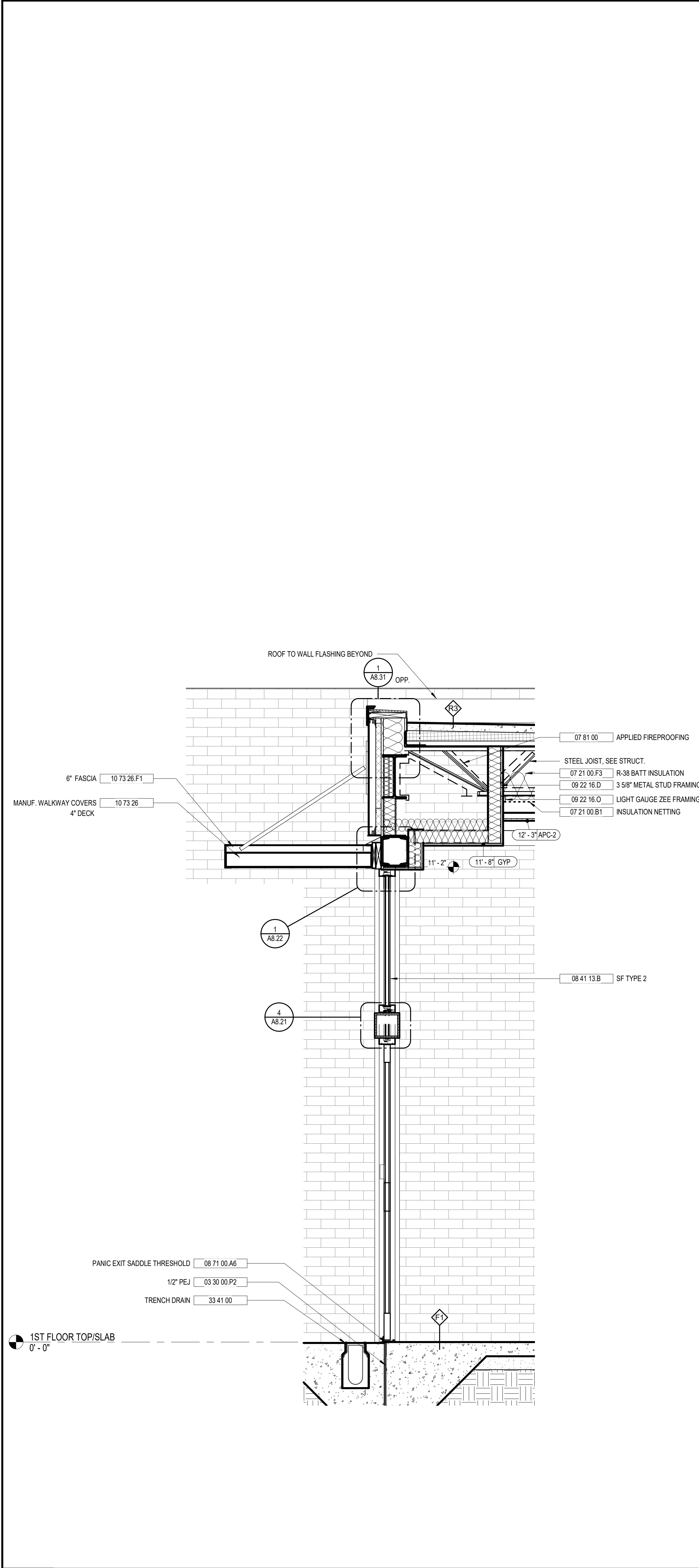
1 ALL LUMBER/BLOCKING IN CONTACT WITH MASONRY SHALL BE PRESSURE TREATED.

1 TYPICAL WALL SECTION
 A3.21 3/4" = 1'-0"

2 WALL SECTION AT KITCHEN
 A3.21 3/4" = 1'-0"

3 WALL SECTION AT LOADING DOCK
 A3.21 3/4" = 1'-0"

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KEYNOTE LEGEND - BY SHEET	
NO.	NOTE
03 30 00 A	CAST-IN-PLACE CONCRETE
03 30 00 P2	1/2\" PEJ
03 30 00 P4	PEJ - SEE STRUCT.
04 20 00 A1	HORIZ. JOINT REINF. (@ 16\" O.C. U.N.O)
04 20 00 A7	MORTAR CONTROL MATL.
04 20 00 A8	THROUGH WALL FLASHING
04 20 00 A10	WEEPS AT 32\" O.C.
05 12 00	STRUCTURAL STEEL SEE STRUCT.
05 50 00 A3	METAL LADDER
06 10 53 H7	1/2\" PLYWOOD
07 21 00 B1	INSULATION NETTING
07 21 00 F3	R-38 BATT INSULATION
07 71 00 H	GUTTER
07 72 00.6	LADDER ASSIST POST
07 72 00.A8	30\" X 30\" ROOF HATCH WITH GUARDRAIL
07 81 00	APPLIED FIREPROOFING
08 41 13.B	SF TYPE 2
08 71 00.A6	PANIC EXIT SADDLE THRESHOLD
08 22 16.D	3 5/8\" METAL STUD FRAMING
08 22 16.G	LIGHT GAUGE ZEE FRAMING
10 73 26	MANUF. WALKWAY COVERS
10 73 26.F1	FASCIA
33 41 00	TRENCH DRAIN

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 cogdel@mendrala.com

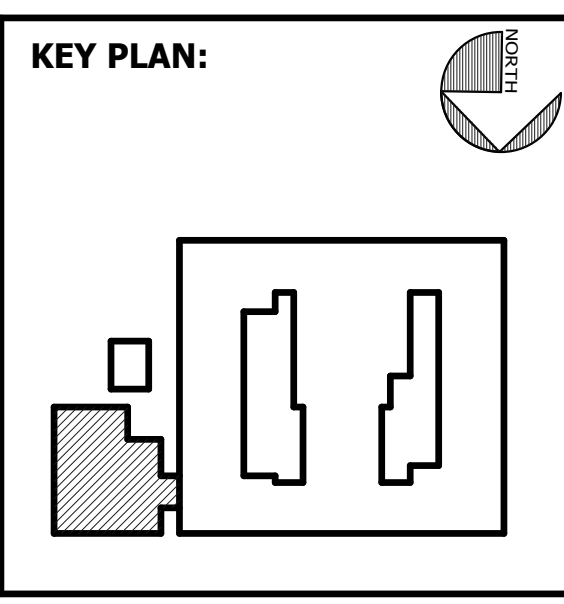
SEAL:

PROJECT CONSULTANTS:

CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
 40 JOE KENNEDY BLVD.
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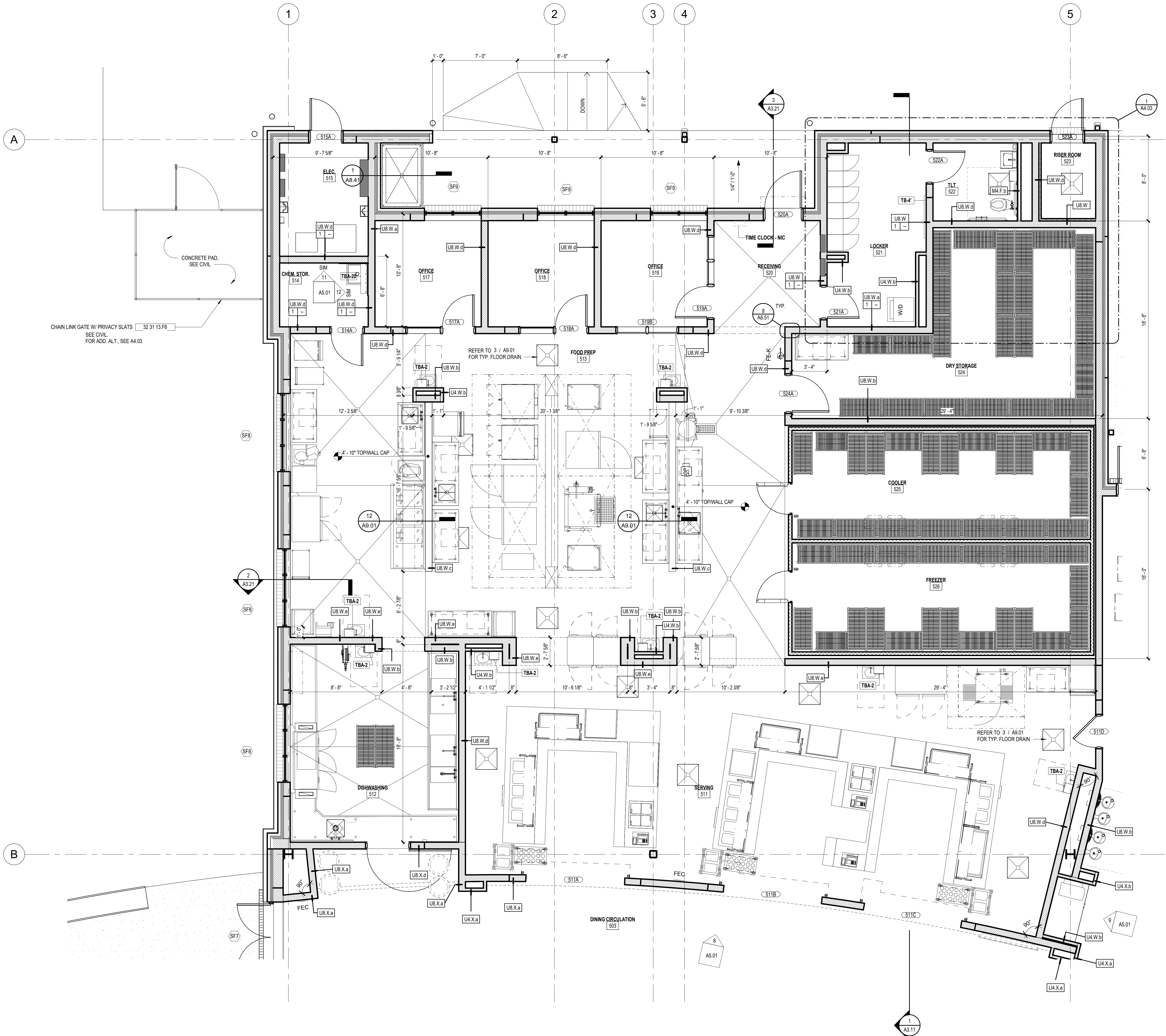
SHEET TITLE:
CAFETERIA ADDITION WALL SECTIONS

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
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DRAWN BY: RML
SCALE: 3/4" = 1'-0"
SHEET: **A3.22**

1	WALL SECTION AT VESTIBULE	2	WALL SECTION AT KITCHEN SOUTH	3	WALL SECTION AT ROOF ACCESS
A3.22	3/4" = 1'-0"	A3.22	3/4" = 1'-0"	A3.22	3/4" = 1'-0"

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KEYNOTE LEGEND - BY SHEET

NO.	NOTE
32 31 13 F6	CHAIN LINK GATE W/ PRIVACY SLATS

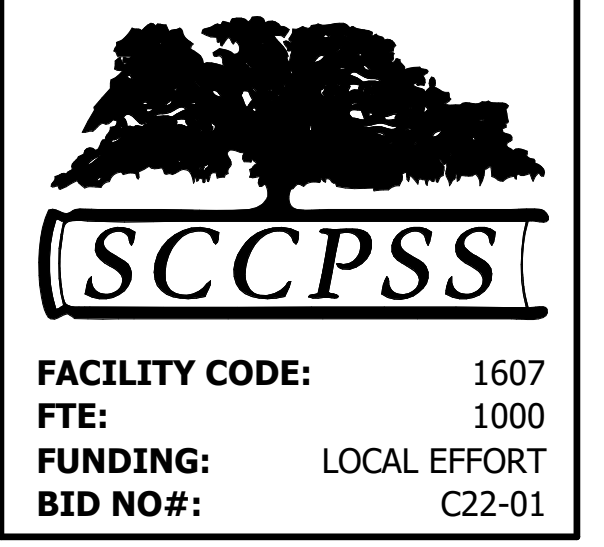
GENERAL ENLARGED PLAN NOTES

- WHERE A NOTE/DETAIL IS SHOWN FOR ONE CONDITION IT SHALL APPLY TO ALL SIMILAR AND LIKE CONDITIONS, UNLESS NOTED OTHERWISE.
- SEE LIFE SAFETY (L.S.) SHEET SERIES FOR LOCATION OF WALLS AND PARTITIONS TO PROVIDE FIRE OR SMOKE RESISTIVE SEPARATION.
- SEE SHEET A0.02 FOR TYPICAL TOILET AND BATH ACCESSORY MOUNTING HEIGHTS AND GRAB BAR LAYOUTS.
- SEE A2 SHEET SERIES FOR ADDITIONAL WALL TYPES.
- SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION ON WALL FINISHES.
- SEE FOOD SERVICE DRAWINGS FOR KITCHEN EQUIPMENT INFORMATION.
- SEE PLUMBING DRAWINGS FOR TYPICAL PLUMBING FIXTURE MOUNTING HEIGHTS.
- TOILET PAPER DISPENSERS MOUNTED ON HOPE STALL PARTITIONS ARE TO BE THRU-BOLTED WITH NON-REMOVABLE HEADS BOTH SIDES (TYPICAL).
- PROVIDE 32" MINIMUM CLEAR DOOR OPENING AT ALL ACCESSIBLE STALLS.
- PROVIDE UNDERLAVATORY GUARDS AT WALL MOUNTED LAVATORIES IN SINGLE USER AND GROUP RESTROOMS.
- SLOPE AREAS INDICATED TO FLOOR DRAINS AT 1/8" PER FOOT.

TBA LEGEND

- TBA-1 TOILET TISSUE DISPENSER
- TBA-1A TOILET TISSUE DISPENSER
- TBA-2 PAPER TOWEL DISPENSER
- TBA-2A PAPER TOWEL DISPENSER
- TBA-3 SANITARY NAPKIN DISPOSAL UNIT
- TBA-4 VENDOR
- TBA-5 SOAP DISPENSER
- TBA-6 GRAB BAR
- TBA-7 NOT USED
- TBA-8 NOT USED
- TBA-9 NOT USED
- TBA-10 NOT USED
- TBA-11 MIRROR UNIT
- TBA-12 NOT USED
- TBA-13 NOT USED
- TBA-14 NOT USED
- TBA-15 NOT USED
- TBA-16 ROBE HOOK
- TBA-17 HAND DRYER
- TBA-18 DIAPER CHANGING STATION
- TBA-19 NOT USED
- TBA-20 MOP RACK WITH SHELFS

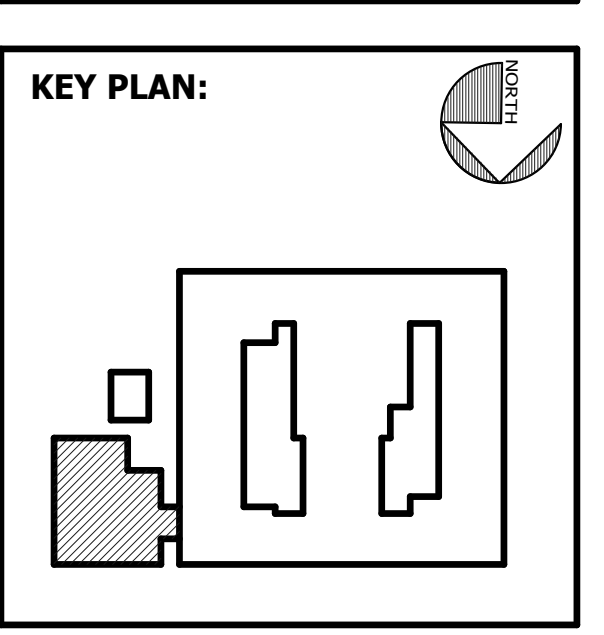
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 cogdelmendra.com

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 MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
 7402 HODGSON MEMORIAL DRIVE,
 SUITE 100
 SAVANNAH, GA 31406



SHEET TITLE:
ENLARGED PARTIAL FLOOR PLANS

REVISION SCHEDULE

DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: TLC
SCALE: As indicated
SHEET: **A4.01**

1 ENLARGED KITCHEN PLAN
 A4.01 1/4" = 1'-0"

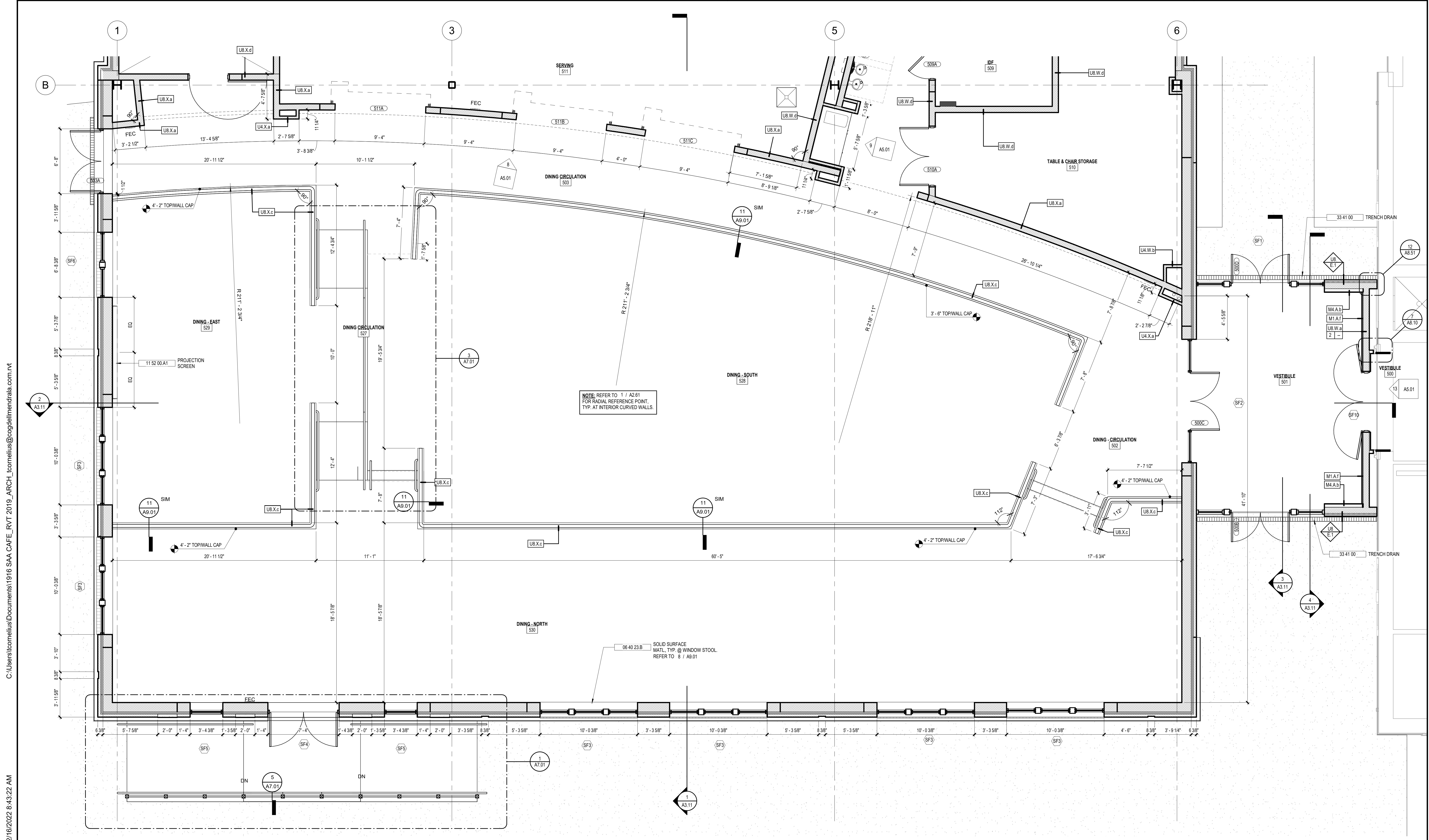
TBA LEGEND	
TBA-1	TOILET TISSUE DISPENSER
TBA-1A	TOILET TISSUE DISPENSER
TBA-2	PAPER TOWEL DISPENSER
TBA-2A	PAPER TOWEL DISPENSER
TBA-3	SANITARY NAPKIN DISPOSAL UNIT
TBA-4	VENDOR
TBA-5	SOAP DISPENSER
TBA-6	GRAB BAR
TBA-7	NOT USED
TBA-8	NOT USED
TBA-9	NOT USED
TBA-10	NOT USED
TBA-11	MIRROR UNIT
TBA-12	NOT USED
TBA-13	NOT USED
TBA-14	NOT USED
TBA-15	NOT USED
TBA-16	ROBE HOOK
TBA-17	HAND DRYER
TBA-18	DIAPER CHANGING STATION
TBA-19	NOT USED
TBA-20	MOP RACK WITH SHELF

GENERAL ENLARGED PLAN NOTES

- WHERE A NOTE/DETAIL IS SHOWN FOR ONE CONDITION IT SHALL APPLY TO ALL SIMILAR AND LIKE CONDITIONS, UNLESS NOTED OTHERWISE.
- SEE LIFE SAFETY (LS) SHEET SERIES FOR LOCATION OF WALLS AND PARTITIONS TO PROVIDE FIRE OR SMOKE RESISTIVE SEPARATION.
- SEE SHEET A0.02 FOR TYPICAL TOILET AND BATH ACCESSORY MOUNTING HEIGHTS AND GRAB BAR LAYOUTS.
- SEE A2 SHEET SERIES FOR ADDITIONAL WALL TYPES.
- SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION ON WALL FINISHES.
- SEE FOOD SERVICE DRAWINGS FOR KITCHEN EQUIPMENT INFORMATION.
- SEE PLUMBING DRAWINGS FOR TYPICAL PLUMBING FIXTURE MOUNTING HEIGHTS.
- TOILET PAPER DISPENSERS MOUNTED ON HOPE STALL PARTITIONS ARE TO BE THRU-BOLTED WITH NON-REMOVABLE HEADS BOTH SIDES (TYPICAL).
- PROVIDE 32" MINIMUM CLEAR DOOR OPENING AT ALL ACCESSIBLE STALLS.
- PROVIDE UNDERLAVATORY GUARDS AT WALL MOUNTED LAVATORIES IN SINGLE USER AND GROUP RESTROOMS.
- SLOPE AREAS INDICATED TO FLOOR DRAINS AT 1/8" PER FOOT.

KEYNOTE LEGEND - BY SHEET

NO.	NOTE
06 40 23.B	SOLID SURFACE MATL.
11 52 00.A1	PROJECTION SCREEN
33 41 00	TRENCH DRAIN



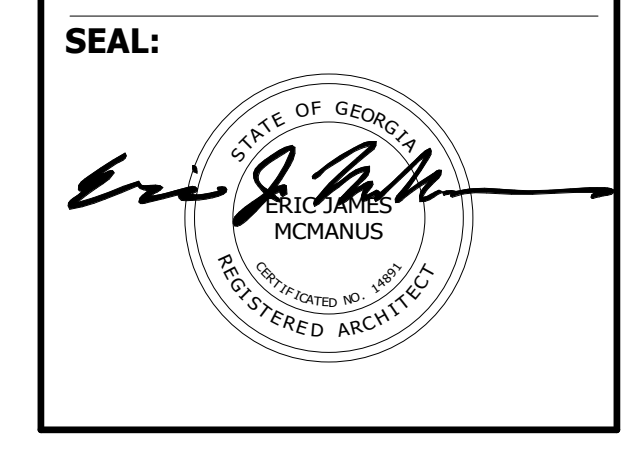
1 ENLARGED DINING PLAN
 A4.02 1/4" = 1'-0"

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 SAVANNAH, GEORGIA 31405
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GMP CONSTRUCTION DOCUMENTS

SCCPSS

FACILITY CODE: 1607
 FTE: 1000
 FUNDING: LOCAL EFFORT
 BID NO#: C22-01

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 COGDELL & MENDRALA ARCHITECTS, PC
 517 EAST CONGRESS STREET
 SAVANNAH, GEORGIA 31401
 tel 912.234.6318
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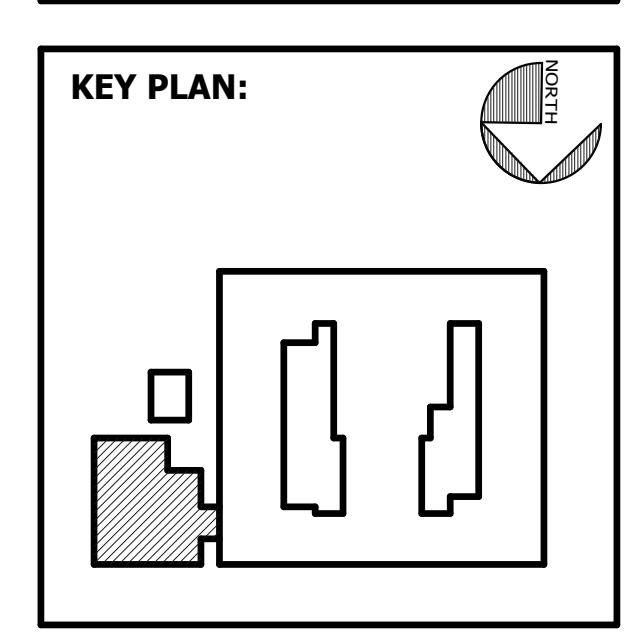


PROJECT CONSULTANTS:

CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
 40 JOE KENNEDY BLVD.
 STATESBORO, GA 30458

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 SAVANNAH, GA 31406



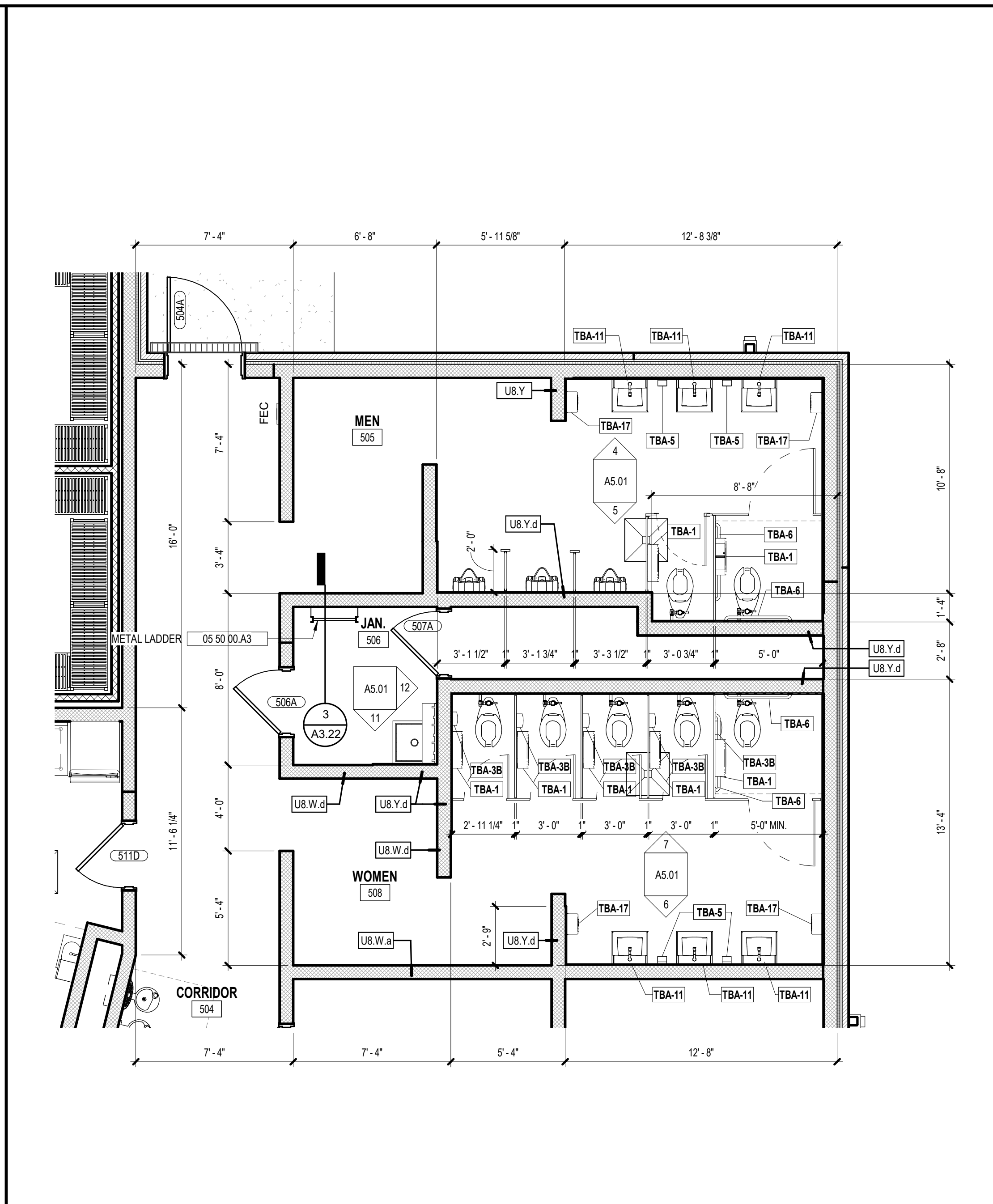
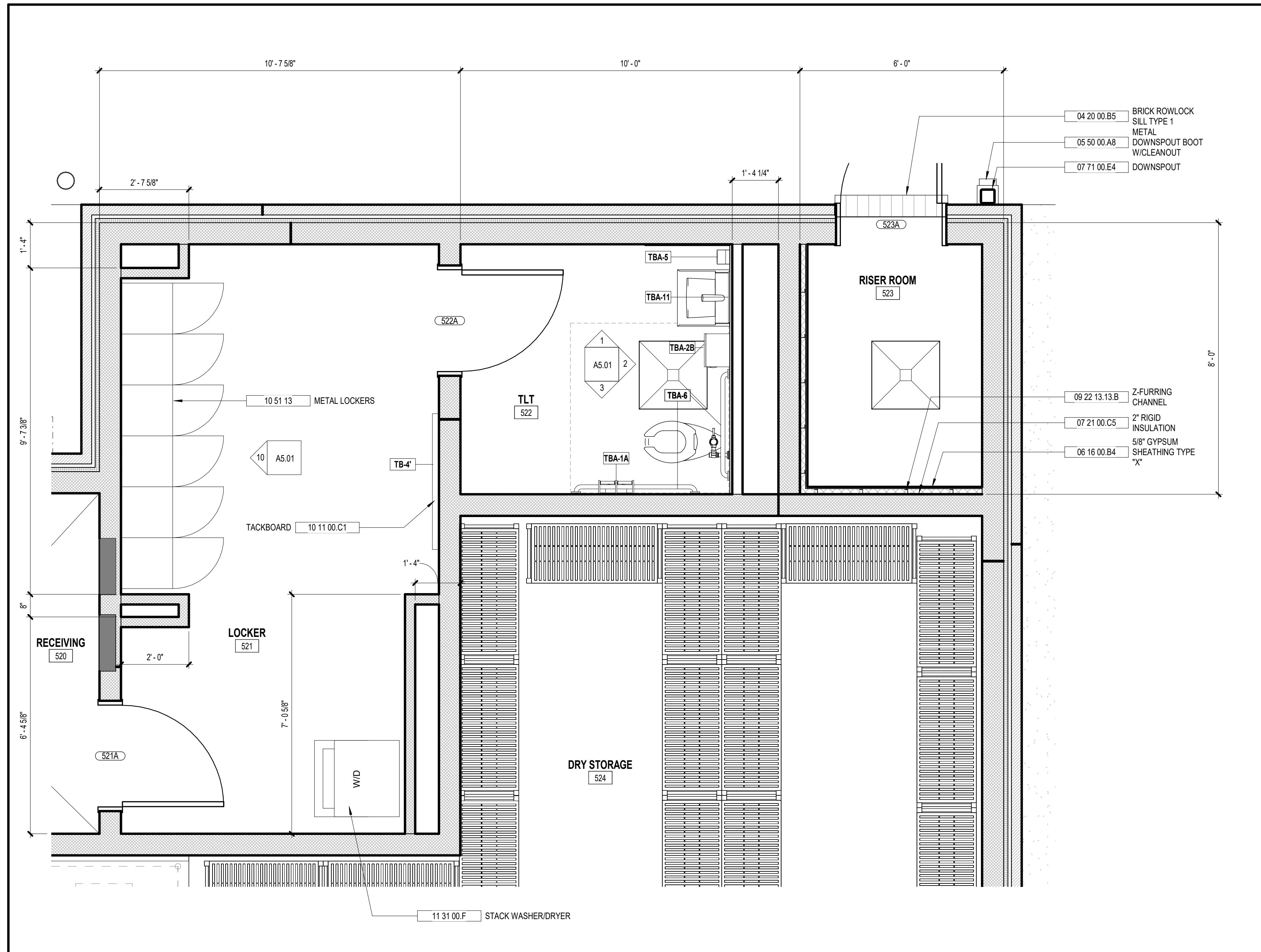
SHEET TITLE:
 ENLARGED PARTIAL FLOOR PLANS

REVISION SCHEDULE

DATE	DESCRIPTION

PROJECT NO: 1916
 DATE: FEB 2022
 DRAWN BY: TLC
 SCALE: As indicated
 SHEET: **A4.02**

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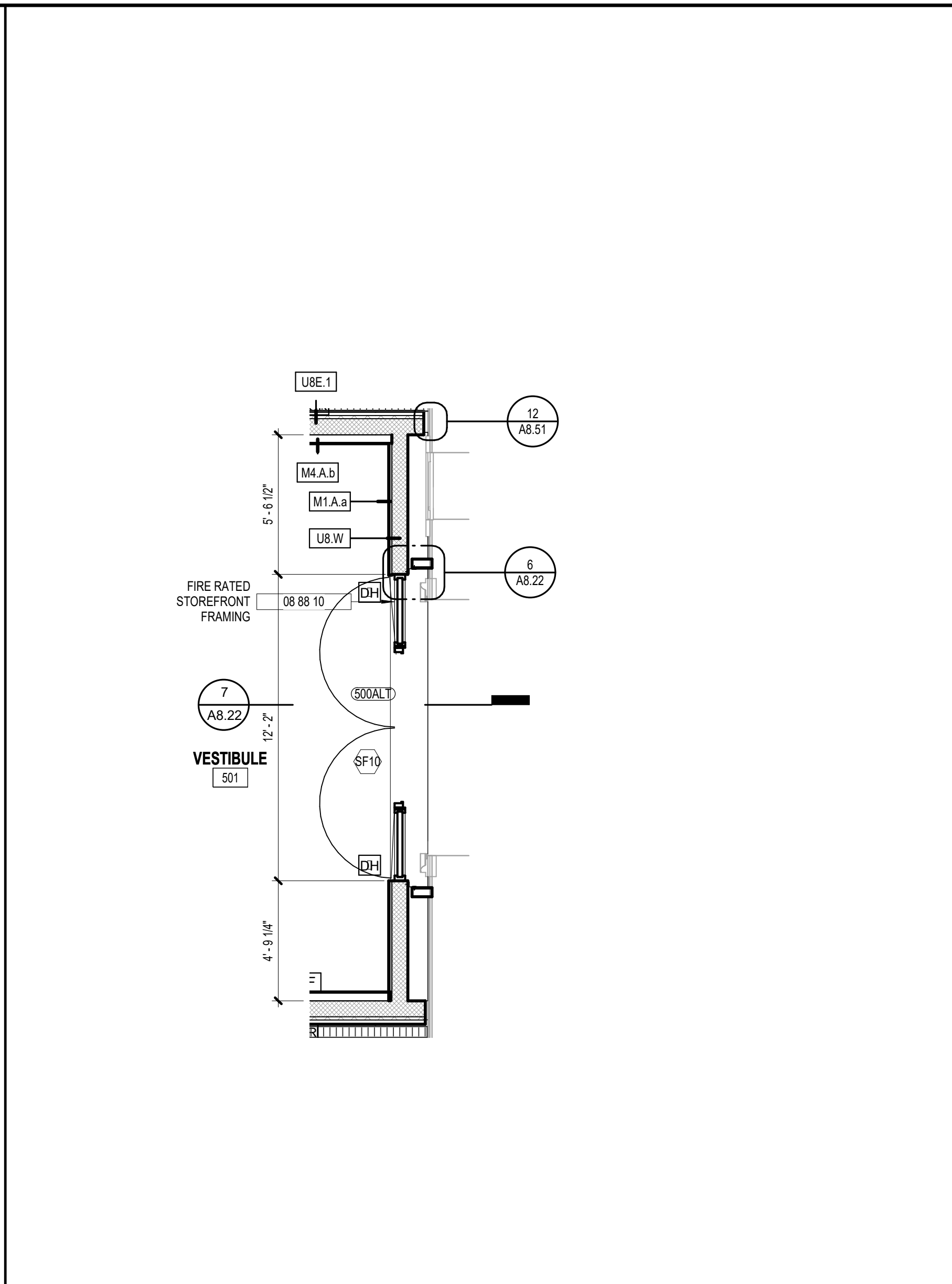
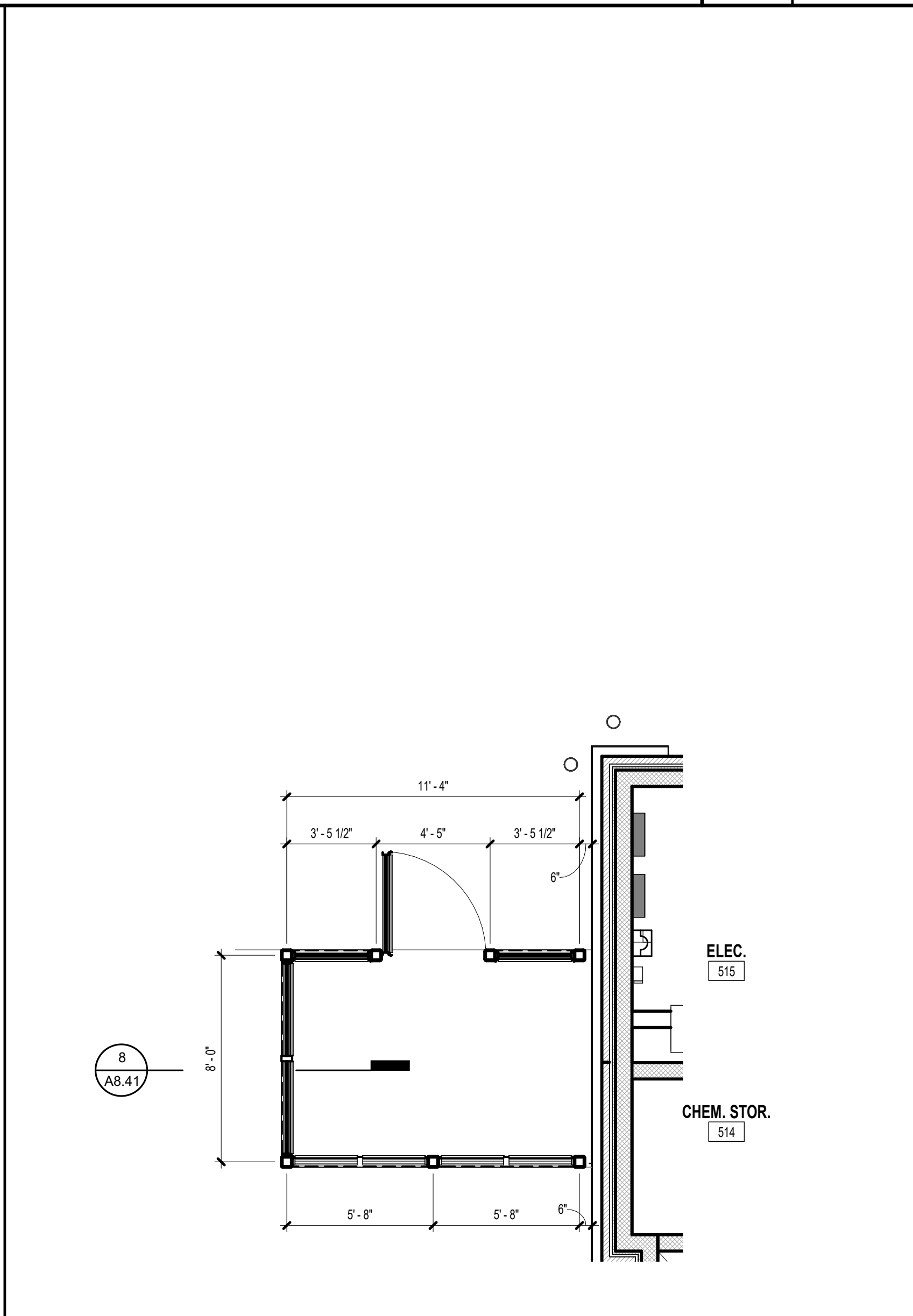
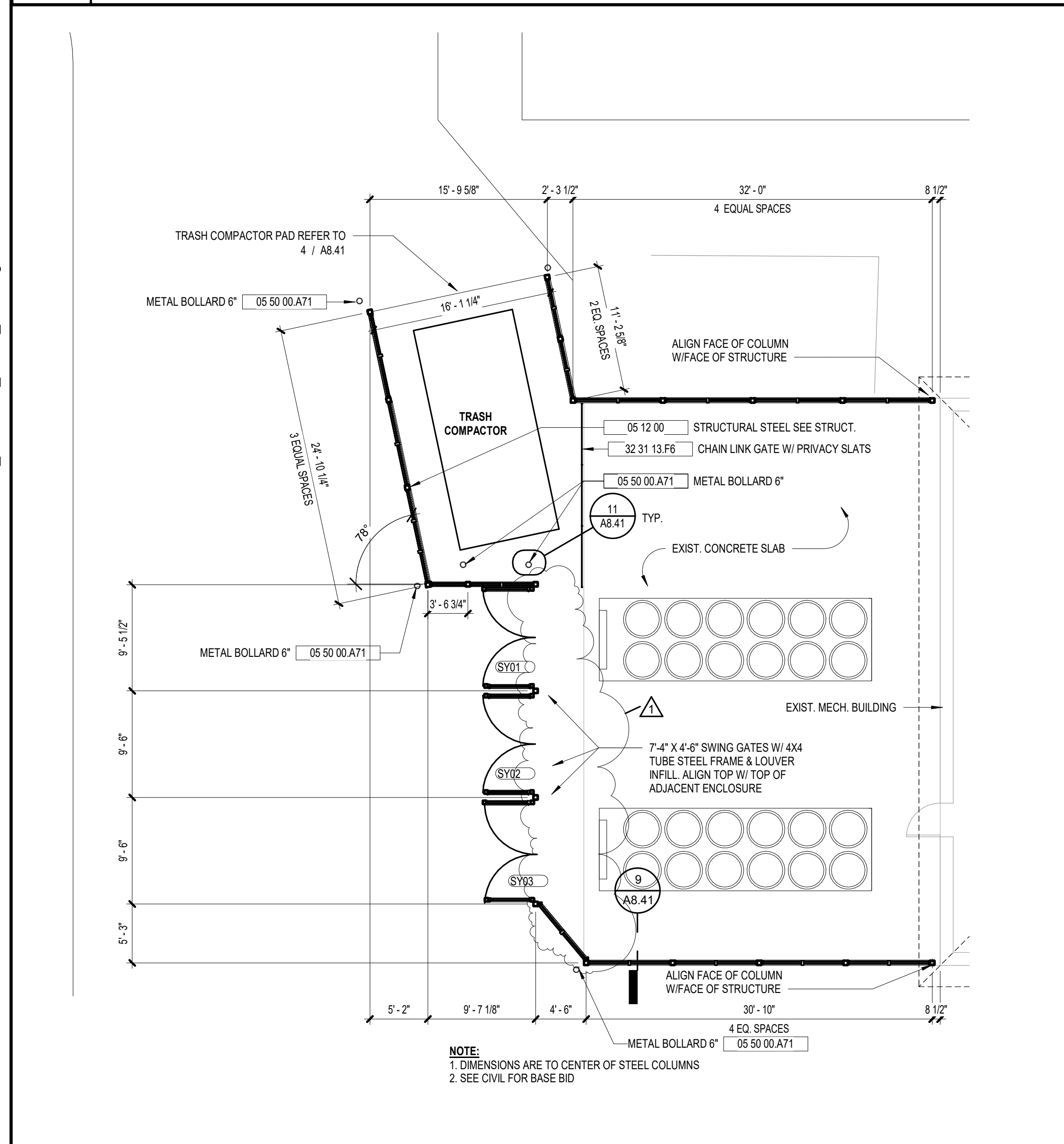


KEYNOTE LEGEND - BY SHEET	
NO.	NOTE
04 20 00 B5	BRICK ROWLOCK SILL TYPE 1
05 12 00	STRUCTURAL STEEL SEE STRUCT.
05 50 00 A3	METAL LADDER
05 50 00 A8	METAL DOWNSPOUT BOOT W/CLEANOUT
05 50 00 A71	METAL BOLLARD 6"
06 16 00 B4	5/8" GYPSUM SHEATHING TYPE "X"
07 21 00 C5	2" RIGID INSULATION
07 71 00 E4	DOWNSPOUT
08 88 10	FIRE RATED STOREFRONT FRAMING
09 22 13 B	Z-FURRING CHANNEL
10 11 00 C1	TACKBOARD
10 51 13	METAL LOCKERS
11 31 00 F	STACK WASHER/DRYER
32 31 13 F6	CHAIN LINK GATE W/ PRIVACY SLATS

GENERAL ENLARGED PLAN NOTES	
1	WHERE A NOTE/DETAIL IS SHOWN FOR ONE CONDITION IT SHALL APPLY TO ALL SIMILAR AND LIKE CONDITIONS UNLESS NOTED OTHERWISE.
2	SEE LIFE SAFETY (LS) SHEET SERIES FOR LOCATION OF WALLS AND PARTITIONS TO PROVIDE FIRE OR SMOKE RESISTIVE SEPARATION.
3	SEE SHEET A02 FOR TYPICAL TOILET AND BATH ACCESSORY MOUNTING HEIGHTS AND GRAB BAR LAYOUTS.
4	SEE A2 SHEET SERIES FOR ADDITIONAL WALL TYPES.
5	SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION ON WALL FINISHES.
6	SEE FOOD SERVICE DRAWINGS FOR KITCHEN EQUIPMENT INFORMATION.
7	SEE PLUMBING DRAWINGS FOR TYPICAL PLUMBING FIXTURE MOUNTING HEIGHTS.
8	TOILET PAPER DISPENSERS MOUNTED ON HOPE STALL PARTITIONS ARE TO BE THRU-BOLTED WITH NON REMOVABLE HEADS BOTH SIDES (TYPICAL).
9	PROVIDE 32" MINIMUM CLEAR DOOR OPENING AT ALL ACCESSIBLE STALLS.
10	PROVIDE UNDERLAVATORY GUARDS AT WALL MOUNTED LAVATORIES IN SINGLE USER AND GROUP RESTROOMS.
11	SLOPE AREAS INDICATED TO FLOOR DRAINS AT 1/8" PER FOOT.

1 ENLARGED LOCKER/TLT.
A4.03 1/2" = 1'-0"

2 ENLARGED GROUP RESTROOMS
A4.03 1/4" = 1'-0"



3 MECHANICAL YARD ENCLOSURE (ADD. ALT.)
A4.03 1/8" = 1'-0"

4 RECYCLING ENCLOSURE (ADD. ALT.)
A4.03 1/4" = 1'-0"

5 RATED OPENING AT VESTIBULE (ADD. ALT.)
A4.03 1/4" = 1'-0"

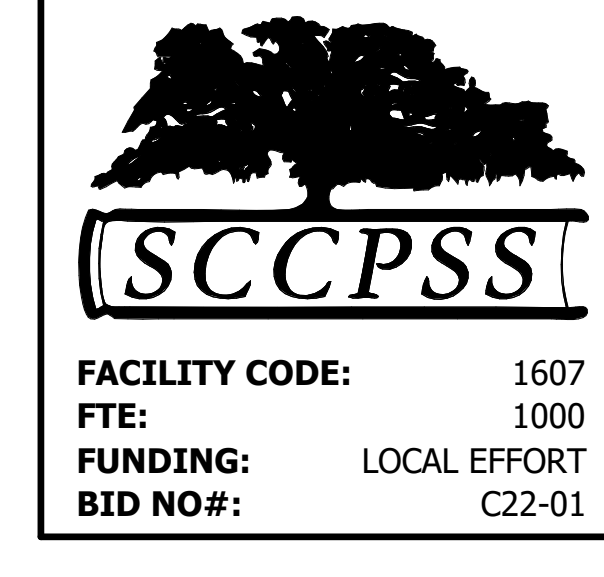
TBA LEGEND	
TBA-1	TOILET TISSUE DISPENSER
TBA-1A	TOILET TISSUE DISPENSER
TBA-2	PAPER TOWEL DISPENSER
TBA-2A	PAPER TOWEL DISPENSER
TBA-3	SANITARY NAPKIN DISPOSAL UNIT
TBA-4	VENDOR
TBA-5	SOAP DISPENSER
TBA-6	GRAB BAR
TBA-7	NOT USED
TBA-8	NOT USED
TBA-9	NOT USED
TBA-10	NOT USED
TBA-11	MIRROR UNIT
TBA-12	NOT USED
TBA-13	NOT USED
TBA-14	NOT USED
TBA-15	NOT USED
TBA-16	ROBE HOOK
TBA-17	HAND DRYER
TBA-18	DIAPER CHANGING STATION
TBA-19	NOT USED
TBA-20	MOP RACK WITH SHELF

REVISION SCHEDULE	
DATE	DESCRIPTION
3/14/22	ADD. NO. 1
FEB 2022	PERMIT/GMP

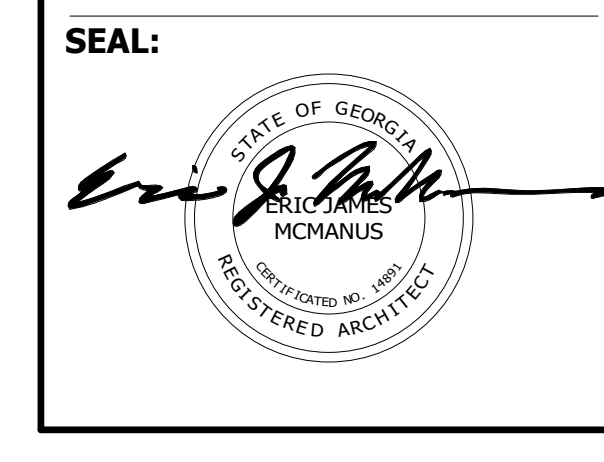
PROJECT NO:	1916
DATE:	FEB 2022
DRAWN BY:	RML/TLC
SCALE:	As Indicated

SHEET: **A4.03**

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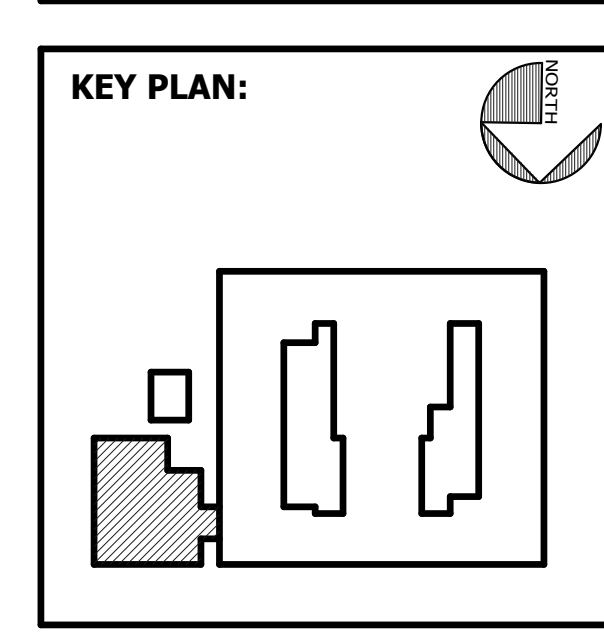


PROJECT CONSULTANTS:

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STATESBORO, GA 30458

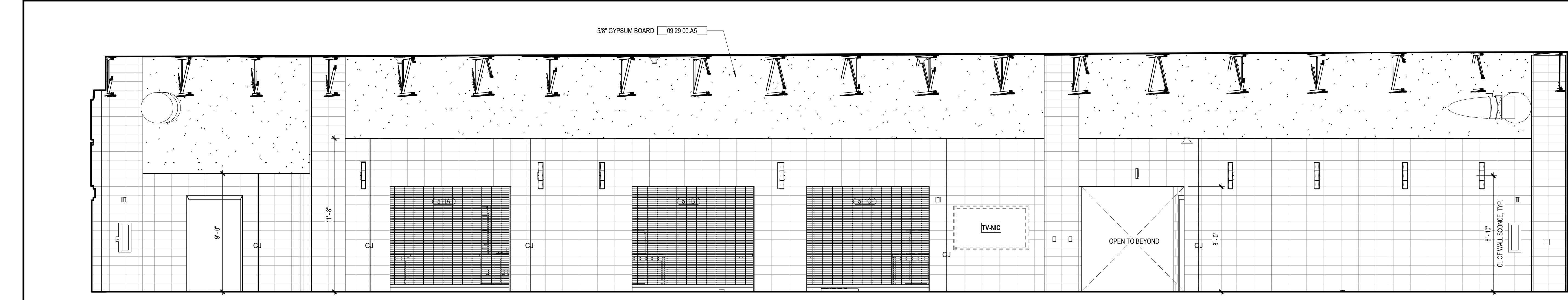
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SHEET TITLE:
ENLARGED PARTIAL FLOOR PLANS

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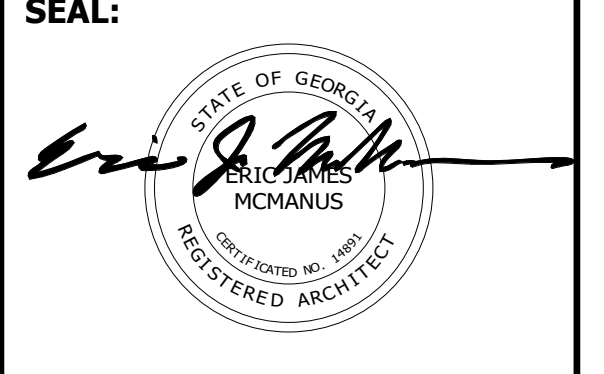
KEYNOTE LEGEND - BY SHEET	
NO.	NOTE
06 40 23 B7	SOLID SURFACE COUNTERTOP AND BACKPLASH
09 29 00 A5	5/8\"/>
09 30 00 A	CERAMIC TILING
10 14 00 E1	DIMENSIONAL LETTERING
10 21 13 A2	TOILET PARTITION
10 21 13 A3	URINAL SCREEN
10 51 13	METAL LOCKERS
22 40 00 A	DRINKING FOUNTAIN, SEE PLUMBING

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 FUNDING: LOCAL EFFORT
 BID NO #: C22-01

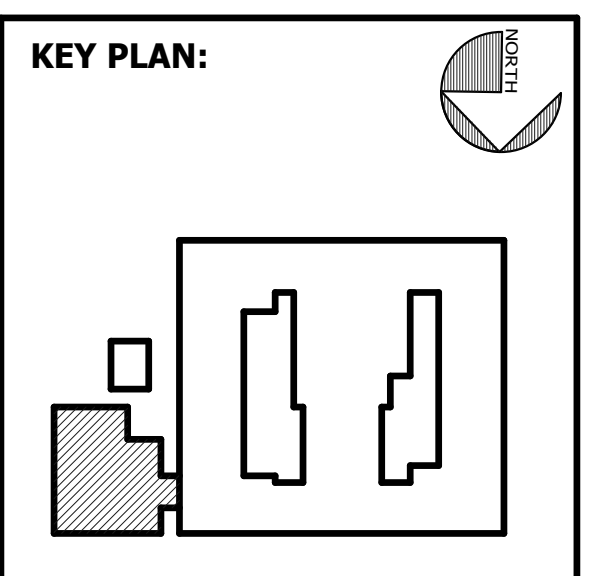
Cogdell Mendrala Architects
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PROJECT CONSULTANTS:
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STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
 400 E. JOHNNY MERCER BOULEVARD
 SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
 7402 HODGSON MEMORIAL DRIVE,
 SUITE 100
 SAVANNAH, GA 31406

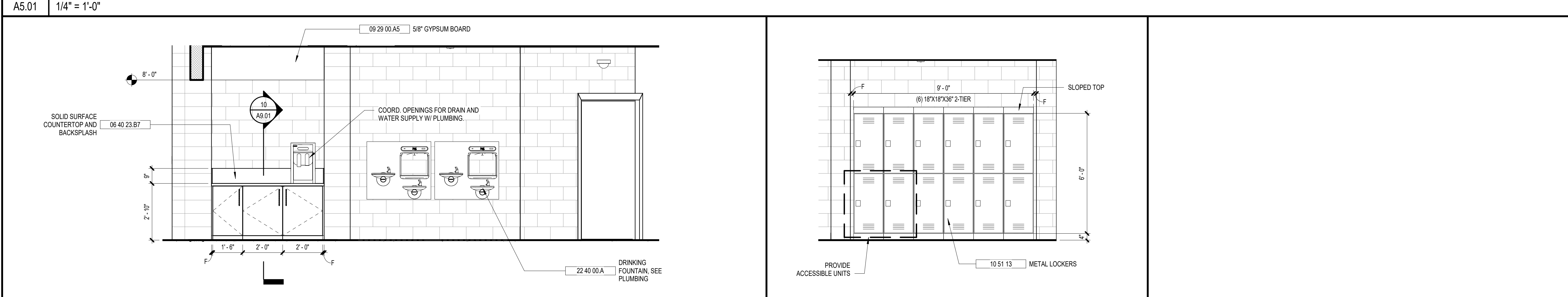


SHEET TITLE:
INTERIOR ELEVATIONS

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
 DATE: FEB 2022
 DRAWN BY: TLC
 SCALE: As indicated
SHEET: A5.01

8 CURVED WALL ELEVATION



GENERAL INTERIOR ELEVATION NOTES

- SEE PLUMBING DRAWINGS FOR TYPICAL PLUMBING FIXTURE MOUNTING HEIGHTS.
- PROVIDE 32" MINIMUM CLEAR DOOR OPENING AT ALL ACCESSIBLE STALLS.
- PROVIDE UNDERLAVATORY GUARDS AT ALL LAVATORIES DESIGNATED AS ADA ACCESSIBLE.
- REFER TO 1/4" FLOOR PLANS FOR LOCATIONS OF TOILET AND BATH ACCESSORY LOCATIONS.
- SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION ON WALL AND BASE FINISHES.
- REFER TO SHEET A0.02 FOR TYPICAL TOILET AND BATH ACCESSORY MOUNTING HEIGHTS AND GRAB BAR LAYOUTS.
- FILLER PANELS (F) SHALL BE EQUAL IN LENGTH AT CABINETS ADJACENT TO WALLS, AND MINIMUM 1 1/2" AT LOCATIONS ADJACENT TO ADJOINING CABINETS.
- TILE PATTERNS SHOWN ON RESTROOM ELEVATIONS ARE TO CONTINUE ON ALL WALLS WITHIN EACH RESTROOM.
- CAULK BETWEEN BACKSPLASH AND WALL, AND BETWEEN BACKSPLASH AND COUNTERTOP.

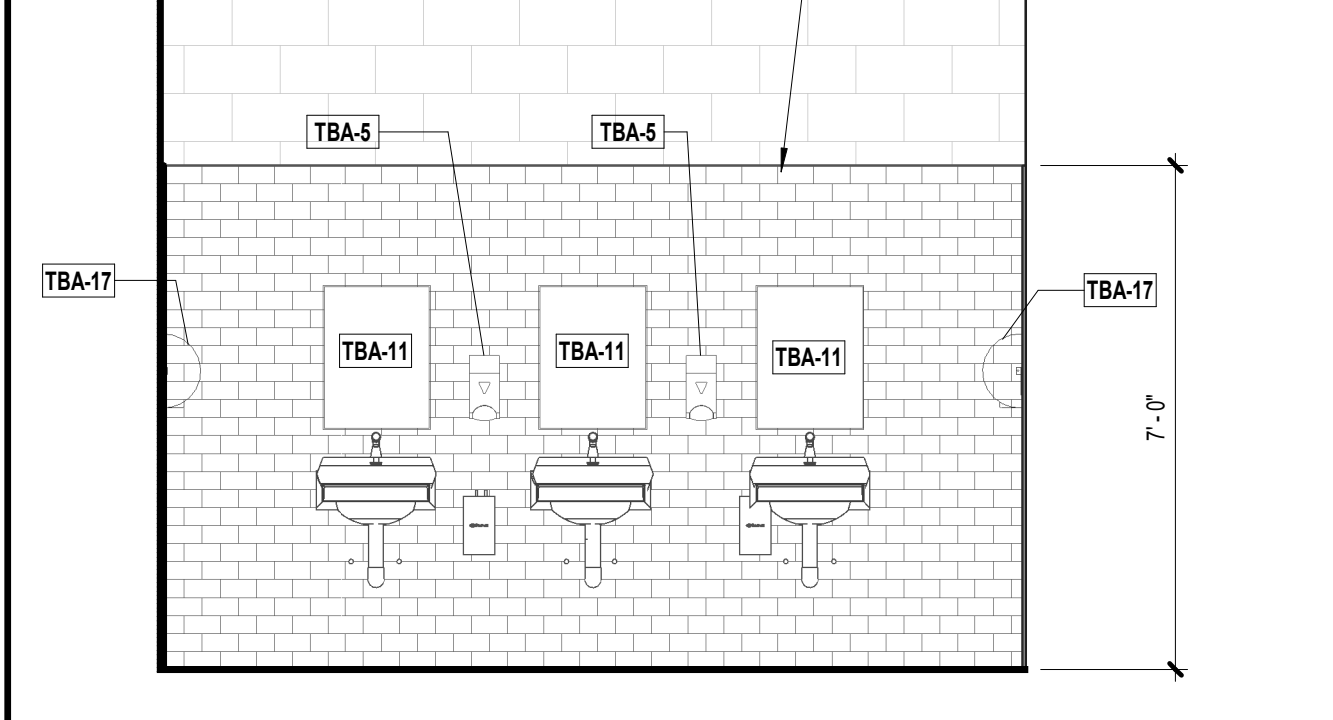
9 BEVERAGE COUNTER



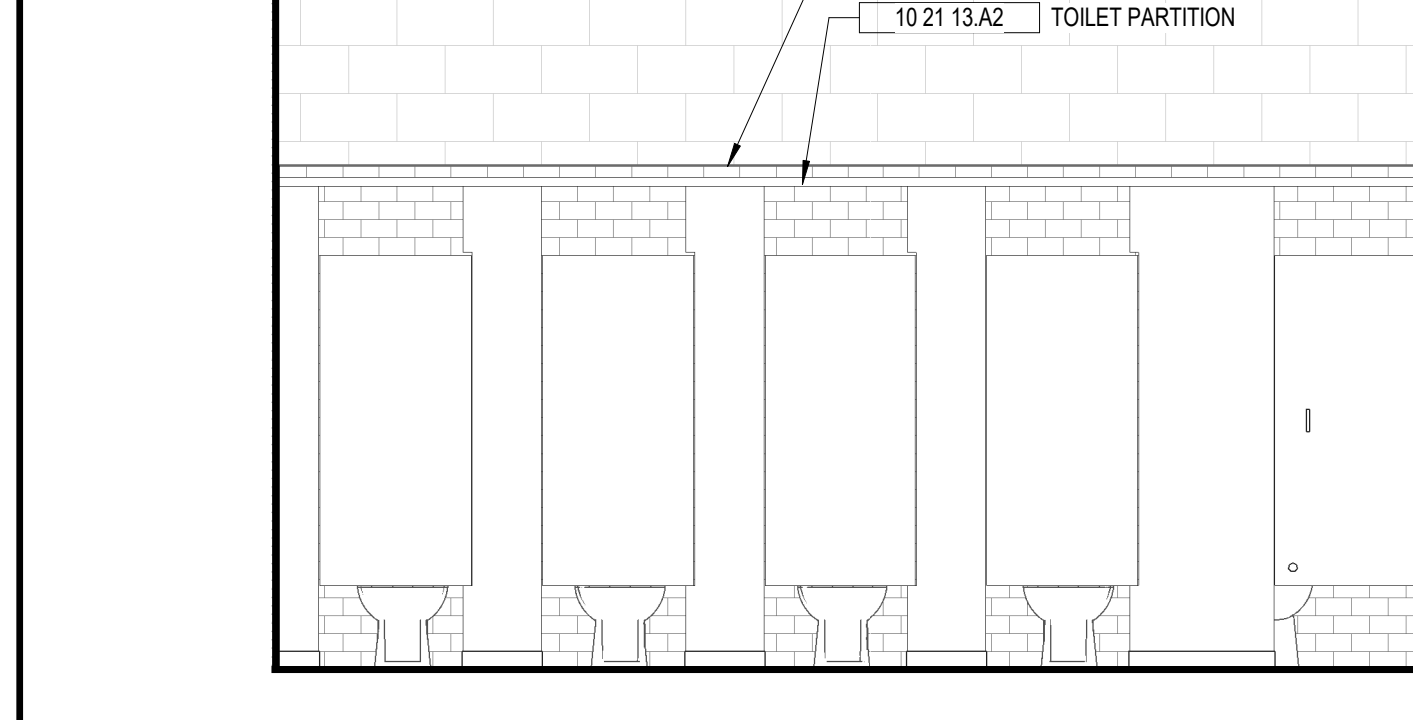
10 LOCKER ELEVATION



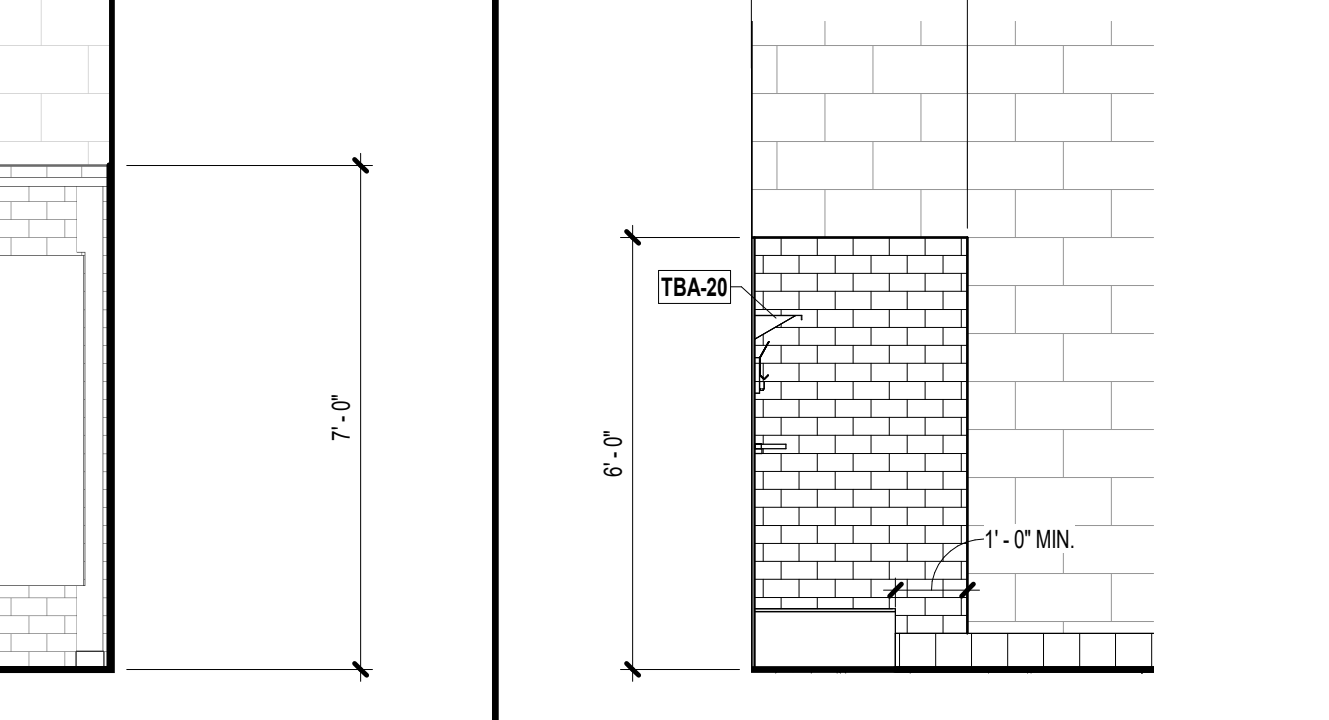
6 WOMEN - A



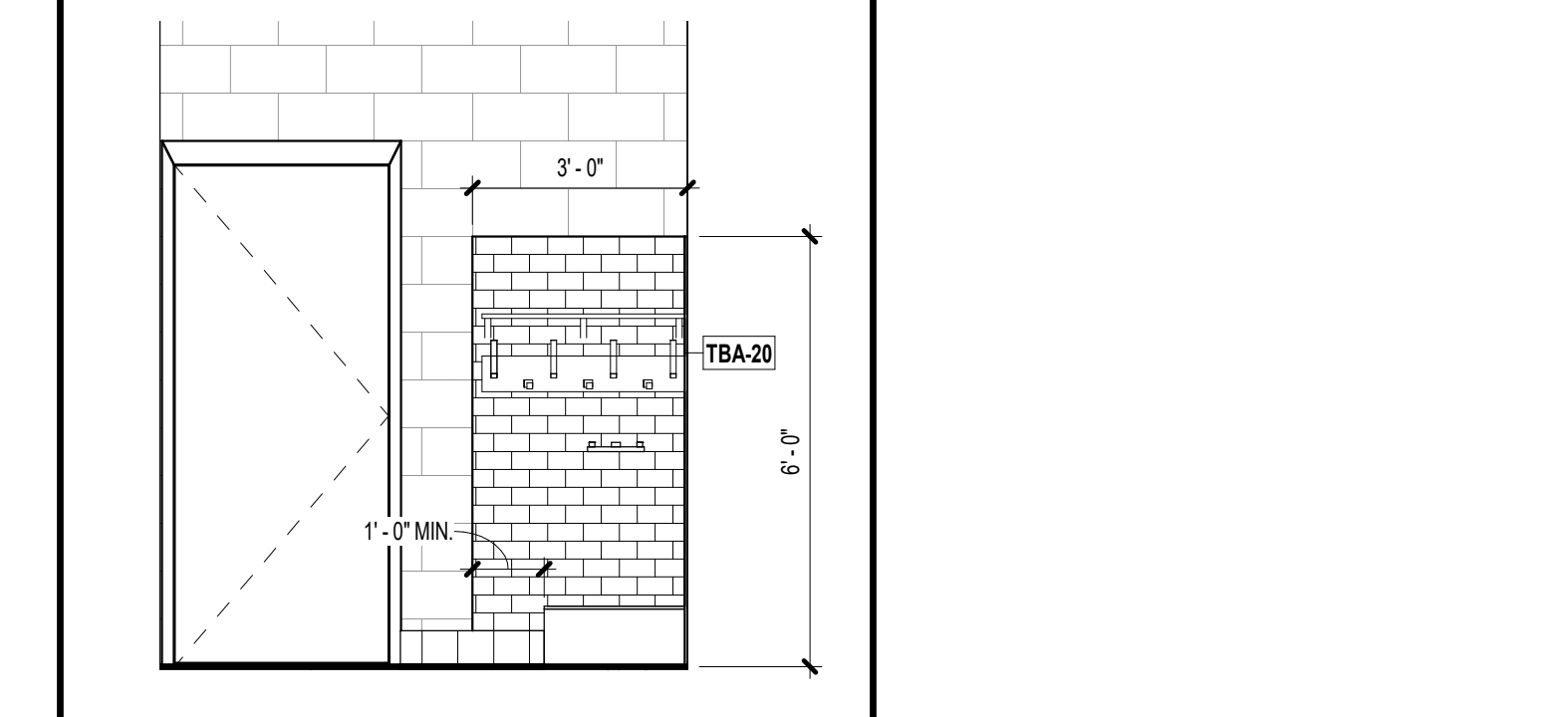
7 WOMEN - B



11 JAN. - A



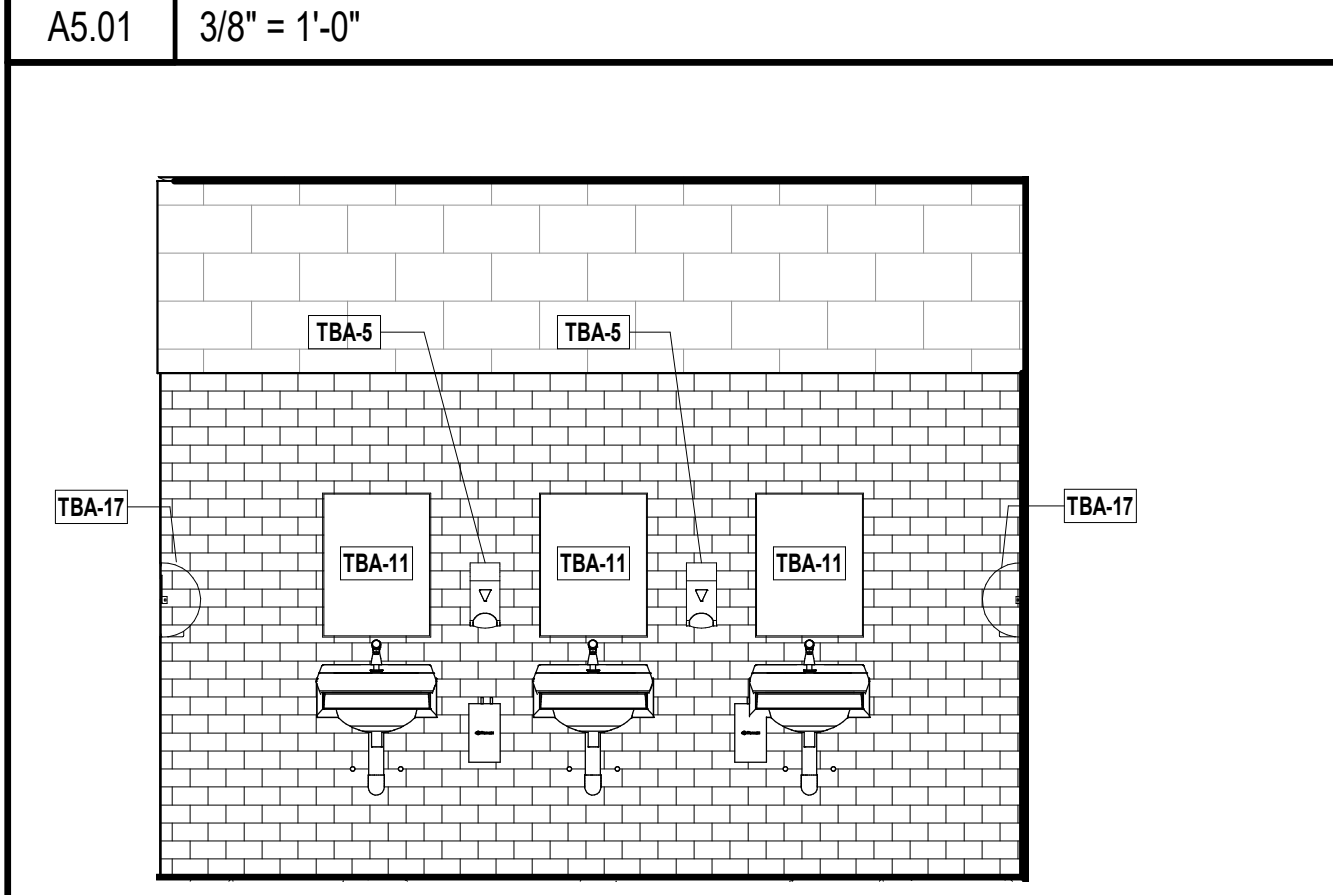
12 JAN. - B



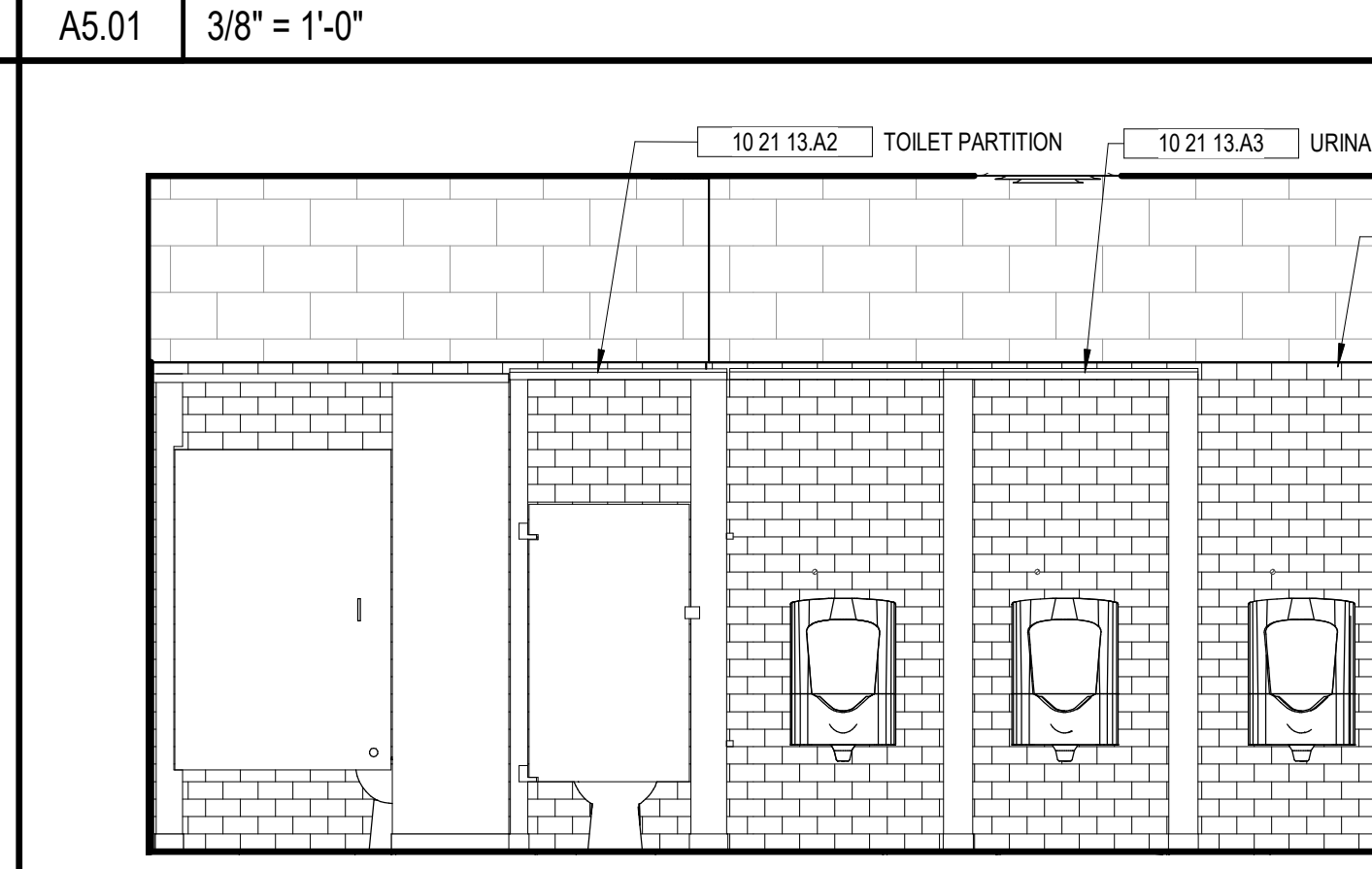
TBA LEGEND

- TBA-1 TOILET TISSUE DISPENSER
- TBA-1A TOILET TISSUE DISPENSER
- TBA-2 PAPER TOWEL DISPENSER
- TBA-2A PAPER TOWEL DISPENSER
- TBA-3 SANITARY NAPKIN DISPOSAL UNIT
- TBA-4 VENDOR
- TBA-5 SOAP DISPENSER
- TBA-6 GRAB BAR
- TBA-7 NOT USED
- TBA-8 NOT USED
- TBA-9 NOT USED
- TBA-10 NOT USED
- TBA-11 MIRROR UNIT
- TBA-12 NOT USED
- TBA-13 NOT USED
- TBA-14 NOT USED
- TBA-15 NOT USED
- TBA-16 ROBE HOOK
- TBA-17 HAND DRYER
- TBA-18 DIAPER CHANGING STATION
- TBA-19 NOT USED
- TBA-20 MOP RACK WITH SHELF

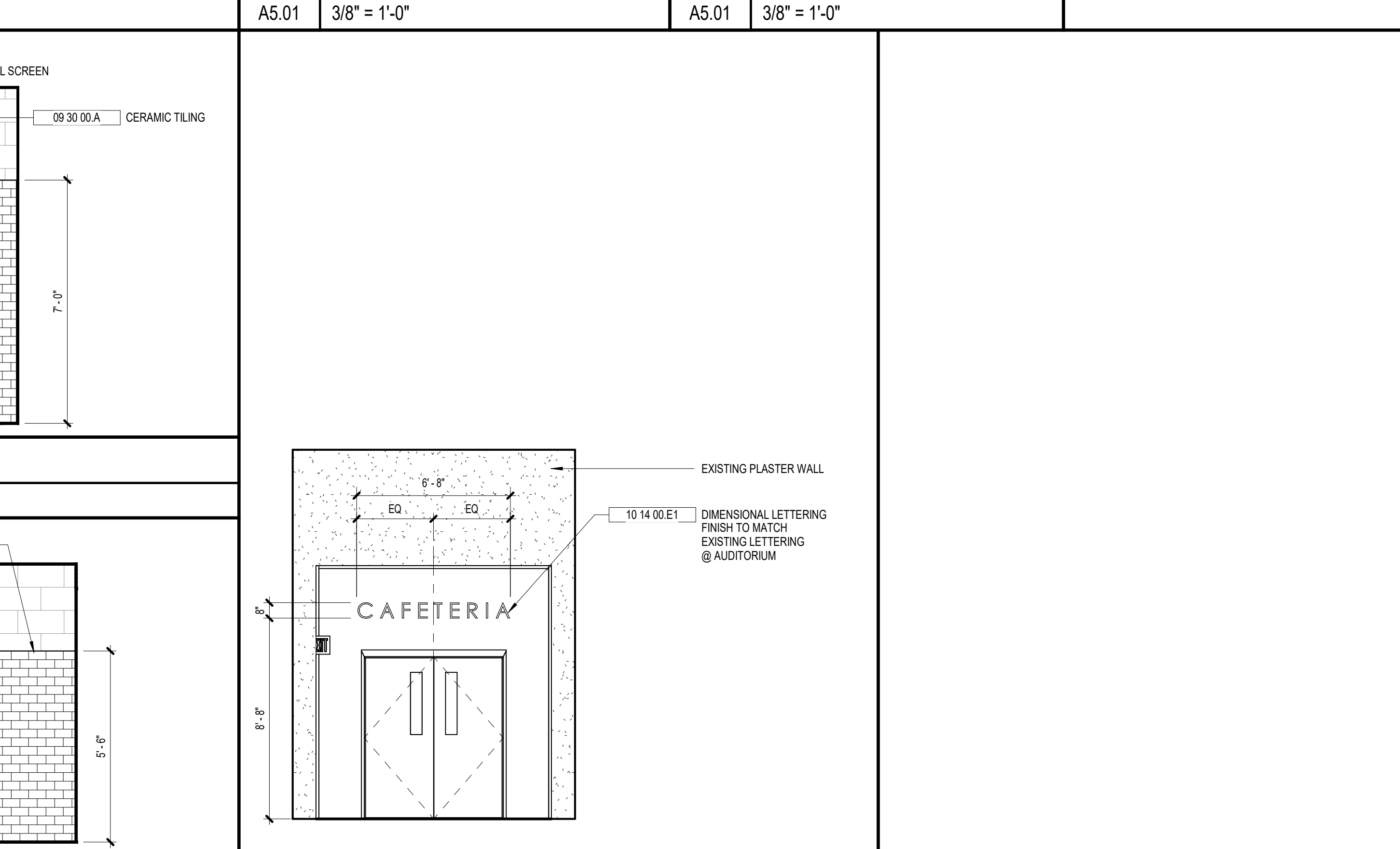
4 MEN - A



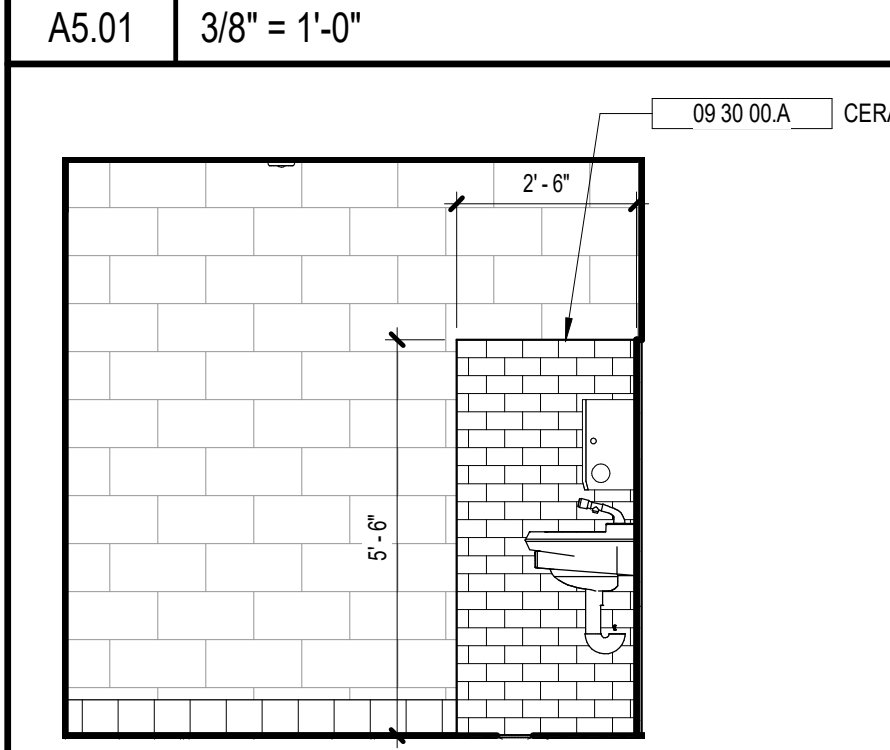
5 MEN - B



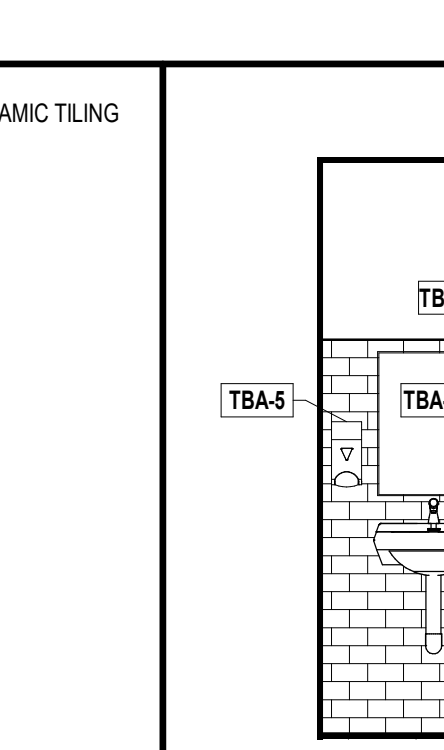
13 CAFETERIA ENTRANCE



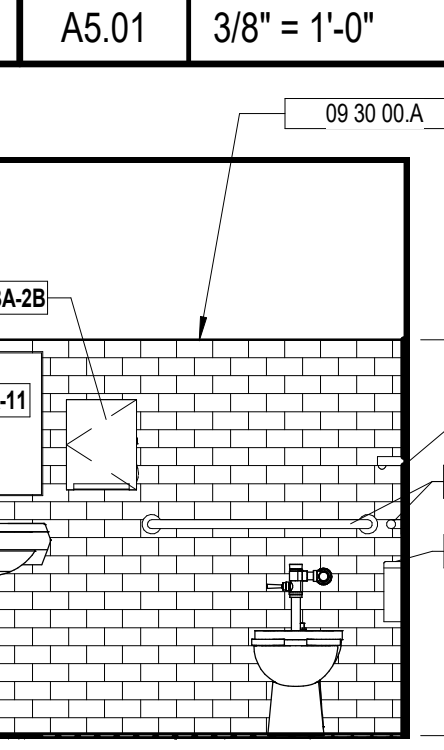
1 TLT. 122 - A



2 TLT. 122 - B

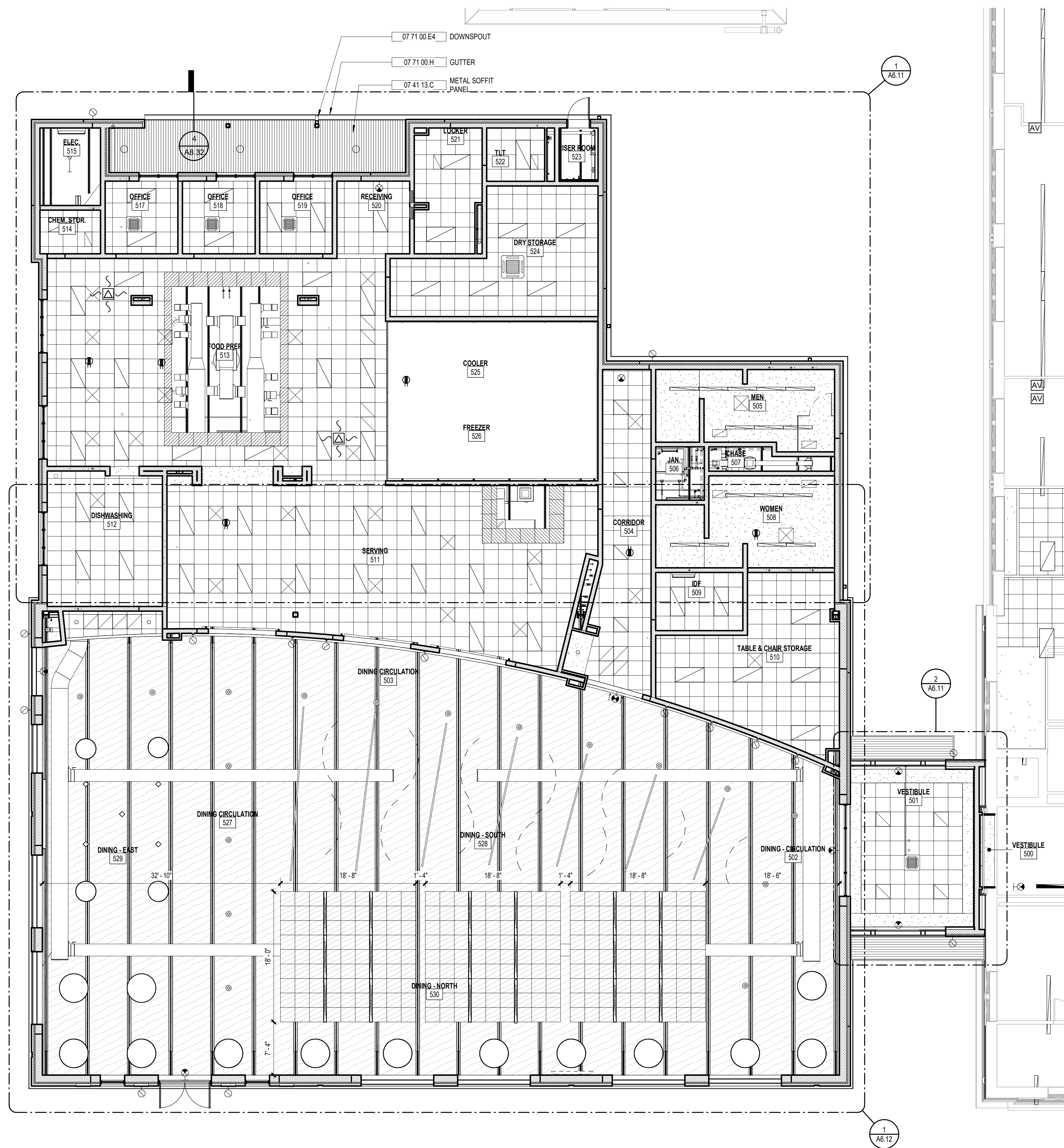


3 TLT. 122 - C



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KEYNOTE LEGEND - BY SHEET

NO.	NOTE
07 41 13 C	METAL SOFFIT PANEL
07 71 00 E4	DOWNSPOUT
07 71 00 H	GUTTER

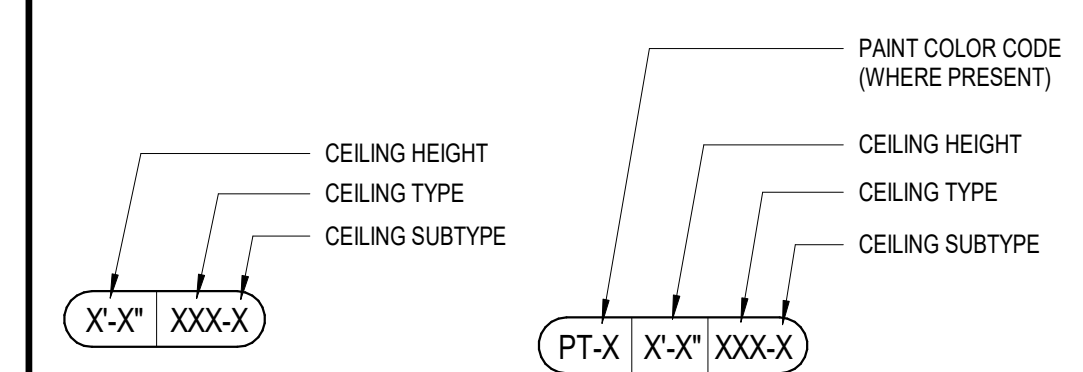
REFLECTED CEILING PLAN NOTES

1. THE LOCATION OF ALL MEP DEVICES TO BE INSTALLED ABOVE CEILING AND REQUIRING ACCESS SHALL BE COORDINATED SO THAT DEVICES ARE NOT INSTALLED ABOVE DRYWALL CEILINGS. NO ACCESS PANELS SHALL BE PERMITTED IN DRYWALL CEILINGS, UNLESS NOTED OTHERWISE. BULKHEAD DETAIL ON A6.01.
2. LOCATION OF FIRE SPRINKLERS NOT SHOWN.
3. SEE FLOOR PLANS FOR WALL/PARTITION TYPES.
4. SEE 'LS' SHEET DRAWINGS FOR LIFE SAFETY PLAN AND HOURLY SEPARATIONS.
5. INSTALL SOUND ATTENUATION BATTS OVER CEILINGS IN OFFICES, CONFERENCE ROOMS, SHOWER ROOMS, AND RESTROOMS.
6. REFER TO ELECTRICAL DRAWINGS/SPECIFICATIONS FOR LIGHT FIXTURE TYPES.
7. PARTITIONS ENCLOSING SPACES WITH NO FINISHED CEILING SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.

RCP LEGEND

- GYPSUM BOARD SOFFIT/CEILING
- 2' x 2' ACOUSTIC CEILING PANEL (APC)
- METAL SOFFIT
- CEMENTITIOUS WOOD FIBER DECK (CWFD)
- 2'X2' STAINLESS STEEL PANEL AND GRID
- 2'X2' SUSPENDED WOOD CEILING PANEL SYSTEM
- 2'X2' LIGHT FIXTURE
- 2'X2' LIGHT FIXTURE W/ EMERGENCY BALLAST
- 1' x 4' LED LIGHT FIXTURE
- 1' x 4' LIGHT FIXTURE W/ EMERGENCY BALLAST
- STRIP LIGHT FIXTURE
- STRIP LIGHT FIXTURE W/ EMERGENCY BALLAST
- PENDANT FIXTURE (VARIOUS SIZES/TYPES)
- ARC PENDANT FIXTURE
- WALL SCONCE
- CONTROL JOINT
- EMERGENCY EXIT LIGHT

CEILING TAG LEGEND

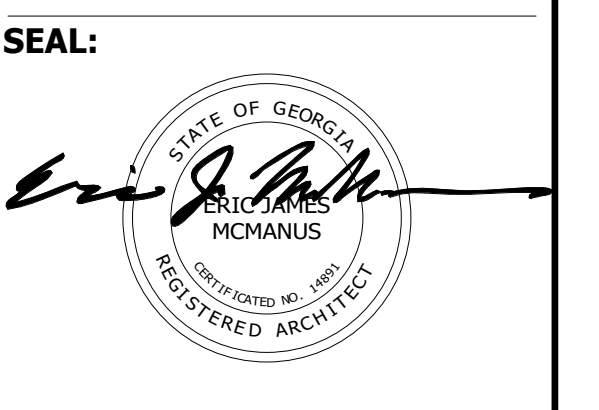


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 GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
 FTE: 1000
 FUNDING: LOCAL EFFORT
 BID NO #: C22-01

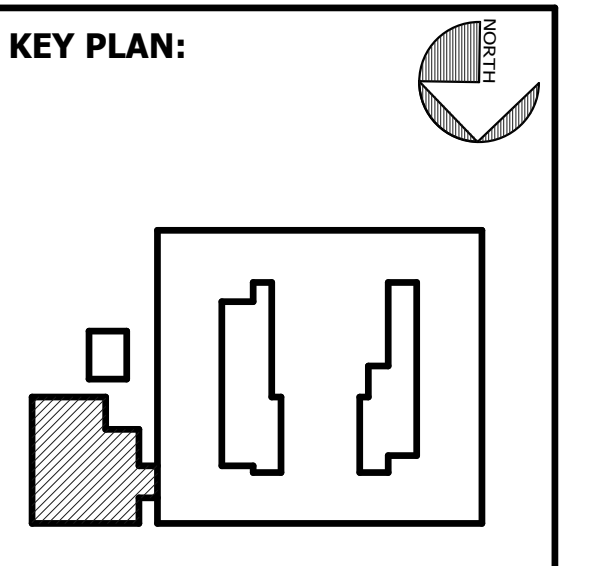
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MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
 7402 HODGSON MEMORIAL DRIVE,
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 SAVANNAH, GA 31406



SHEET TITLE:
 CAFETERIA ADDITION
 REFLECTED
 CEILING PLAN

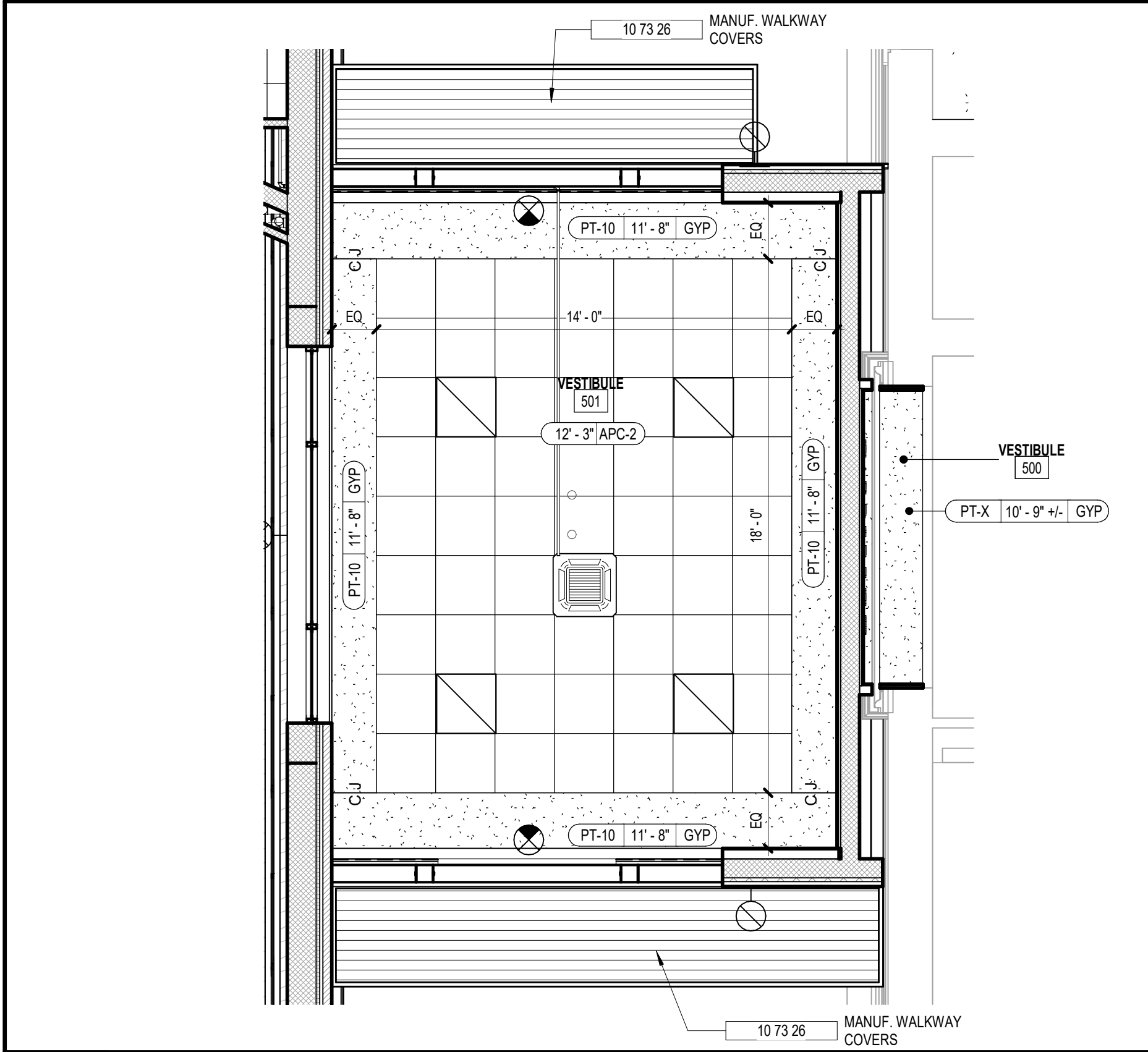
REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
 DATE: FEB 2022
 DRAWN BY: TLC
 SCALE: As indicated
SHEET: A6.04

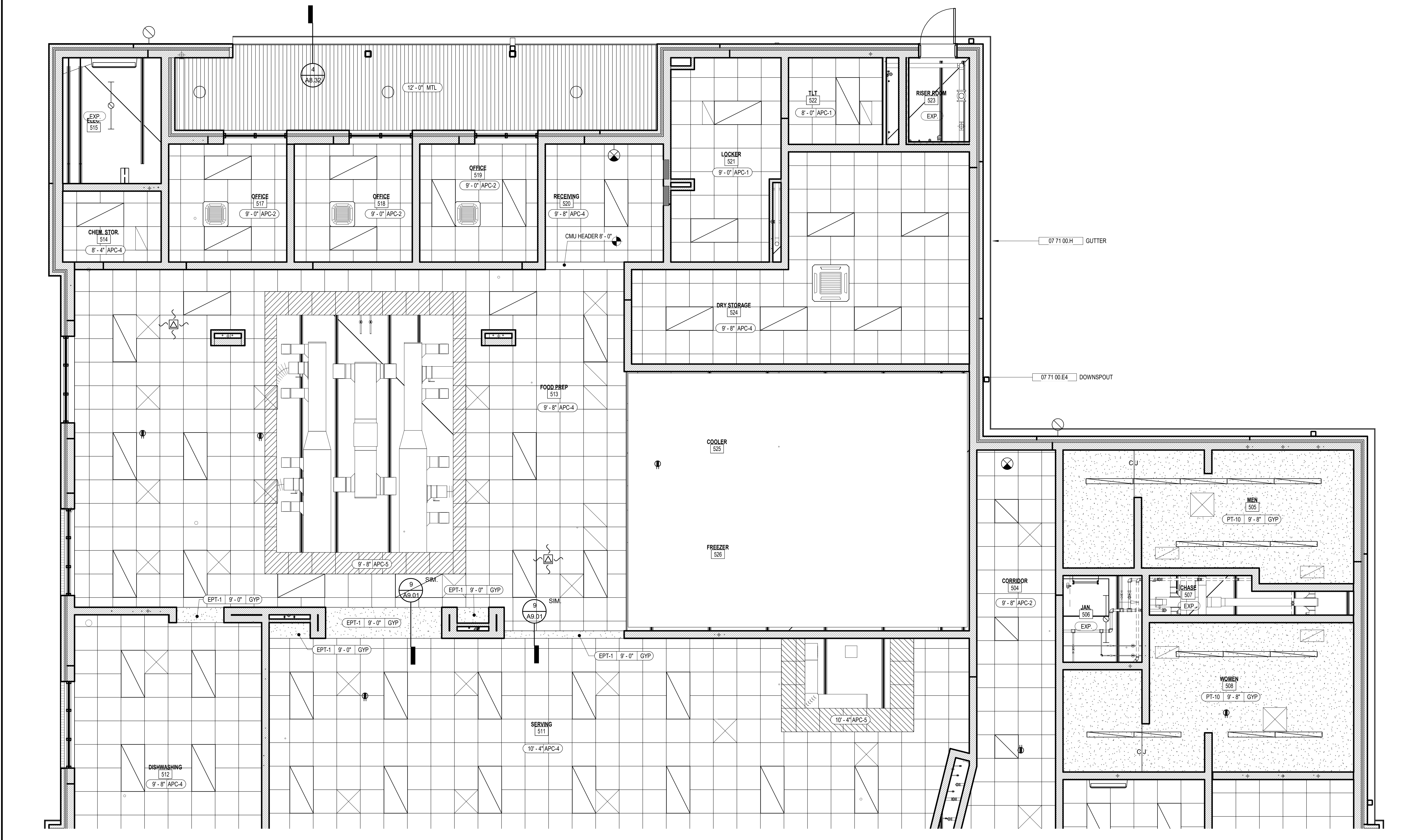
1 CAFETERIA REFLECTED CEILING PLAN

A6.04 1/8" = 1'-0"

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2 REFLECTED CEILING PLAN - VESTIBULE
A6.11 1/4" = 1'-0"



1 REFLECTED CEILING PLAN - KITCHEN
A6.11 1/4" = 1'-0"

KEYNOTE LEGEND - BY SHEET

NO.	NOTE
07 71 00 E4	DOWNSPOUT
07 71 00 H	GUTTER
10 73 26	MANUF. WALKWAY COVERS

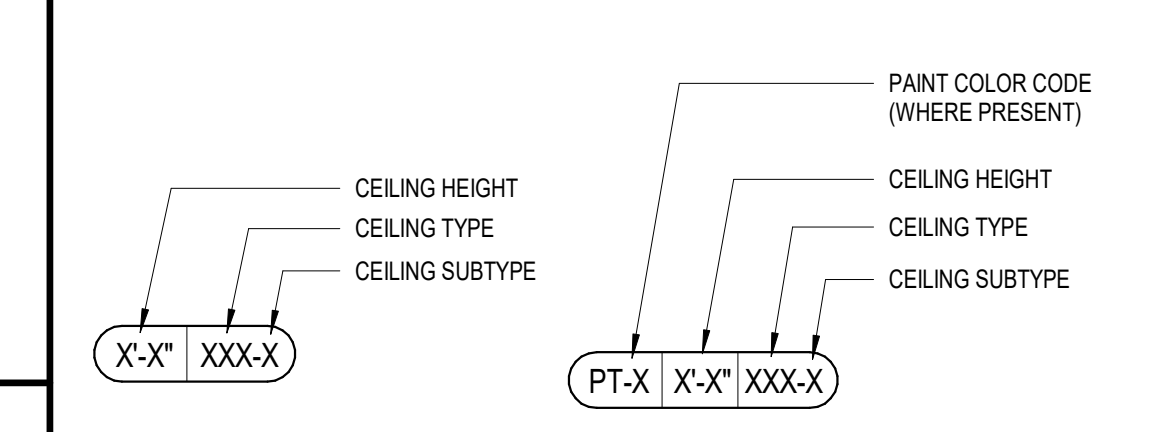
REFLECTED CEILING PLAN NOTES

- 1 THE LOCATION OF ALL MEP DEVICES TO BE INSTALLED ABOVE CEILINGS AND REQUIRING ACCESS SHALL BE COORDINATED SO THAT DEVICES ARE NOT INSTALLED ABOVE DRYWALL CEILINGS. NO ACCESS PANELS SHALL BE PERMITTED IN DRYWALL CEILINGS, UNLESS NOTED OTHERWISE.
- 2 ALL SOFFIT OR BULKHEAD DIMENSIONS ARE TO FACE OF FRAMING. REFER 'GYPSUM BOARD BULKHEAD DETAIL' ON A6.61.
- 3 LOCATION OF FIRE SPRINKLERS NOT SHOWN.
- 4 SEE FLOOR PLANS FOR WALLPARTITION TYPES.
- 5 SEE 'S' SHEET DRAWINGS FOR LIFE SAFETY PLAN AND HOURLY SEPARATIONS.
- 6 INSTALL SOUND ATTENUATION BATTS OVER CEILINGS IN OFFICES, CONFERENCE ROOMS, SHOWER ROOMS, AND RESTROOMS.
- 7 REFER TO ELECTRICAL DRAWINGS/SPECIFICATIONS FOR LIGHT FIXTURE TYPES.
- 8 PARTITIONS ENCLOSED SPACES WITH NO FINISHED CEILING SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.

RCP LEGEND

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- STRIP LIGHT FIXTURE W/ EMERGENCY BALLAST
- PENDANT FIXTURE (VARIOUS SIZES/TYPES)
- ARC PENDANT FIXTURE
- WALL SCONCE
- CONTROL JOINT
- EMERGENCY EXIT LIGHT

CEILING TAG LEGEND



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FACILITY CODE: 1607
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BID NO#: C22-01

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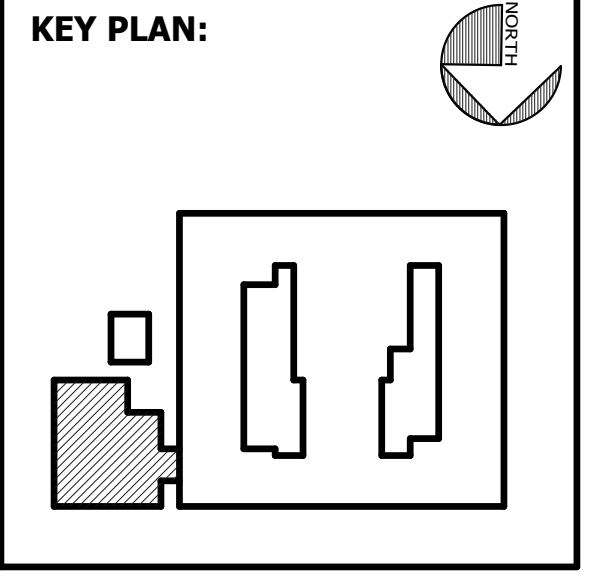
SEAL:

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SAVANNAH, GA 31406



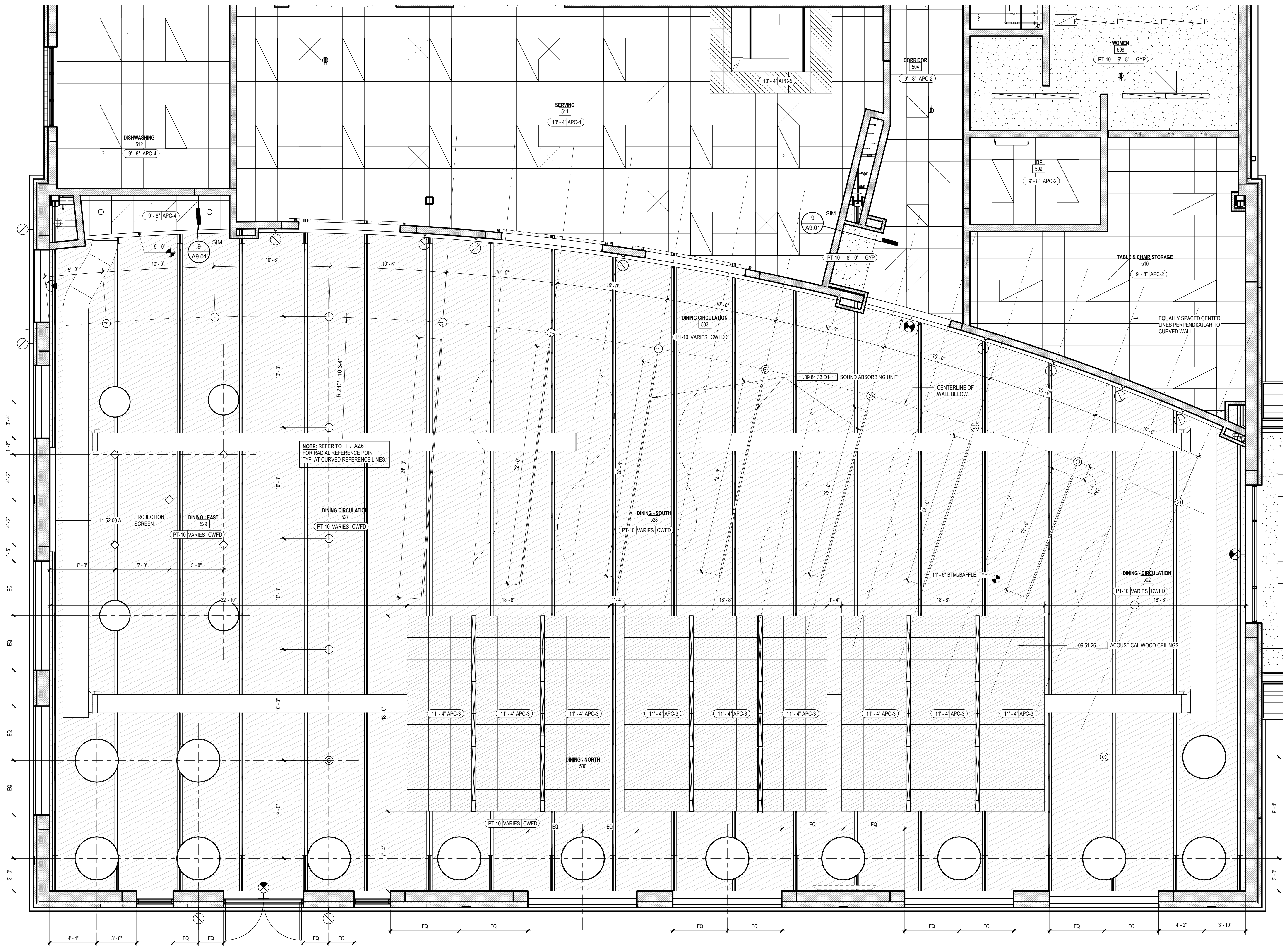
SHEET TITLE:
ENLARGED REFLECTED CEILING PLAN - KITCHEN & VESTIBULE

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: TLC
SCALE: As indicated

SHEET: **A6.11**

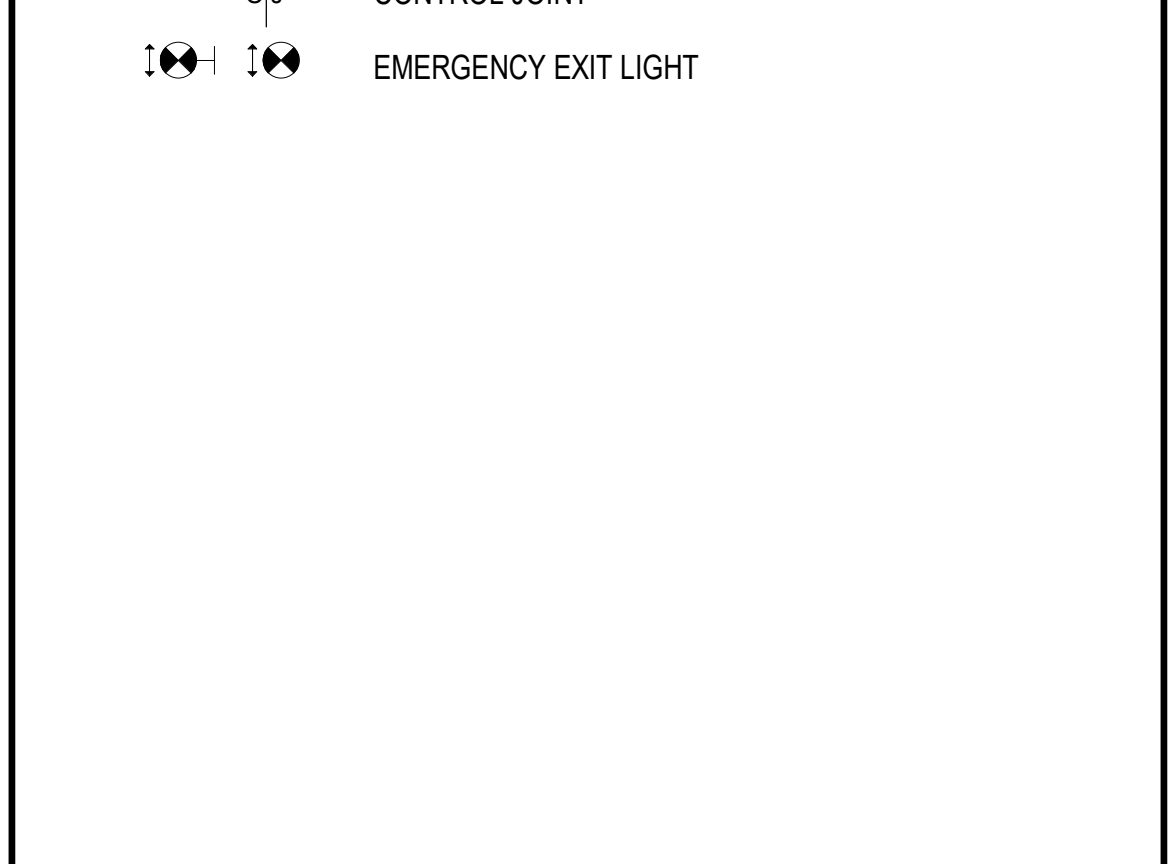
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KEYNOTE LEGEND - BY SHEET	
NO.	NOTE
09 51 26	ACOUSTICAL WOOD CEILINGS
09 84 33 D1	SOUND ABSORBING UNIT
11 52 00 A1	PROJECTION SCREEN

- ### REFLECTED CEILING PLAN NOTES
- THE LOCATION OF ALL MEP DEVICES TO BE INSTALLED ABOVE CEILINGS AND REQUIRING ACCESS SHALL BE COORDINATED SO THAT DEVICES ARE NOT INSTALLED ABOVE DRYWALL CEILINGS; NO ACCESS PANELS SHALL BE PERMITTED IN DRYWALL CEILINGS, UNLESS NOTED OTHERWISE.
 - ALL SOFFIT OR BULKHEAD DIMENSIONS ARE TO FACE OF FRAMING. REFER "GYPSUM BOARD BULKHEAD DETAIL" ON A6.01.
 - LOCATION OF FIRE SPRINKLERS NOT SHOWN.
 - SEE FLOOR PLANS FOR WALL/PARTITION TYPES.
 - SEE 'LS' SHEET DRAWINGS FOR LIFE SAFETY PLAN AND HOURLY SEPARATIONS.
 - INSTALL SOUND ATTENUATION BATTS OVER CEILINGS IN OFFICES, CONFERENCE ROOMS, SHOWER ROOMS, AND RESTROOMS.
 - REFER TO ELECTRICAL DRAWINGS/SPECIFICATIONS FOR LIGHT FIXTURE TYPES.
 - PARTITIONS ENCLOSING SPACES WITH NO FINISHED CEILING SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE.

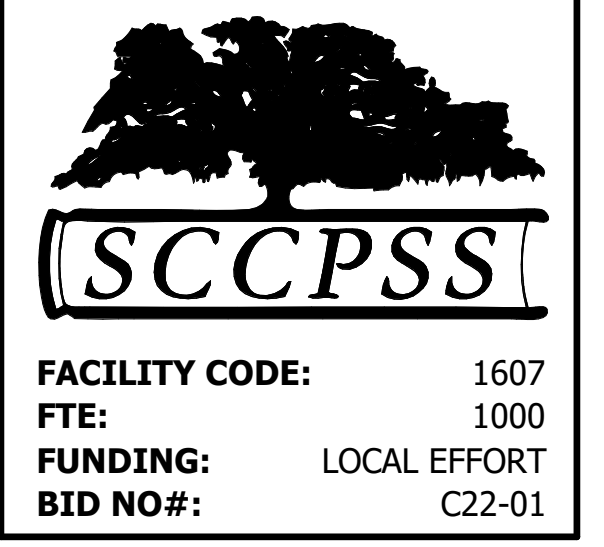
- ### RCP LEGEND
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 - 2' x 2' ACOUSTIC CEILING PANEL (APC)
 - METAL SOFFIT
 - CEMENTITIOUS WOOD FIBER DECK (CWFD)
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 - ARC PENDANT FIXTURE
 - WALL SCONCE
 - CONTROL JOINT
 - EMERGENCY EXIT LIGHT



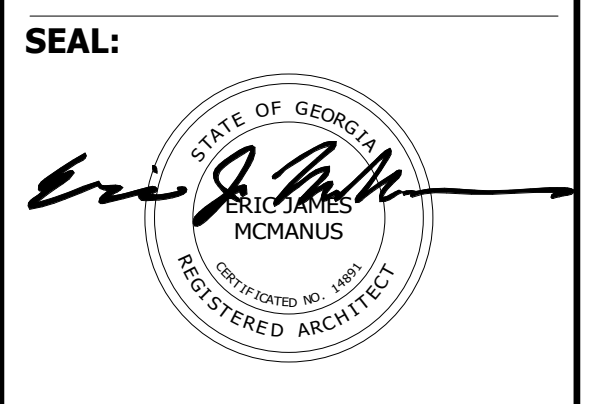
CEILING TAG LEGEND

CEILING HEIGHT (WHERE PRESENT)	PAINT COLOR CODE (WHERE PRESENT)
CEILING TYPE	CEILING HEIGHT
CEILING SUBTYPE	CEILING TYPE
CEILING SUBTYPE	CEILING SUBTYPE

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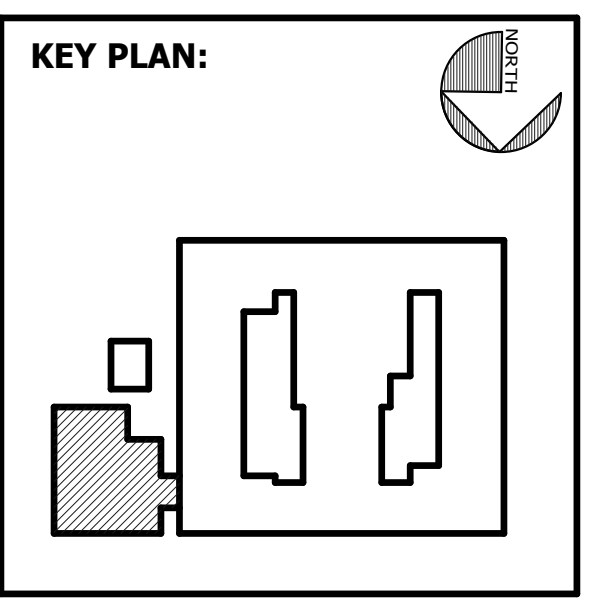


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MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
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SUITE 100
SAVANNAH, GA 31406



SHEET TITLE:
ENLARGED REFLECTED CEILING PLAN - DINING

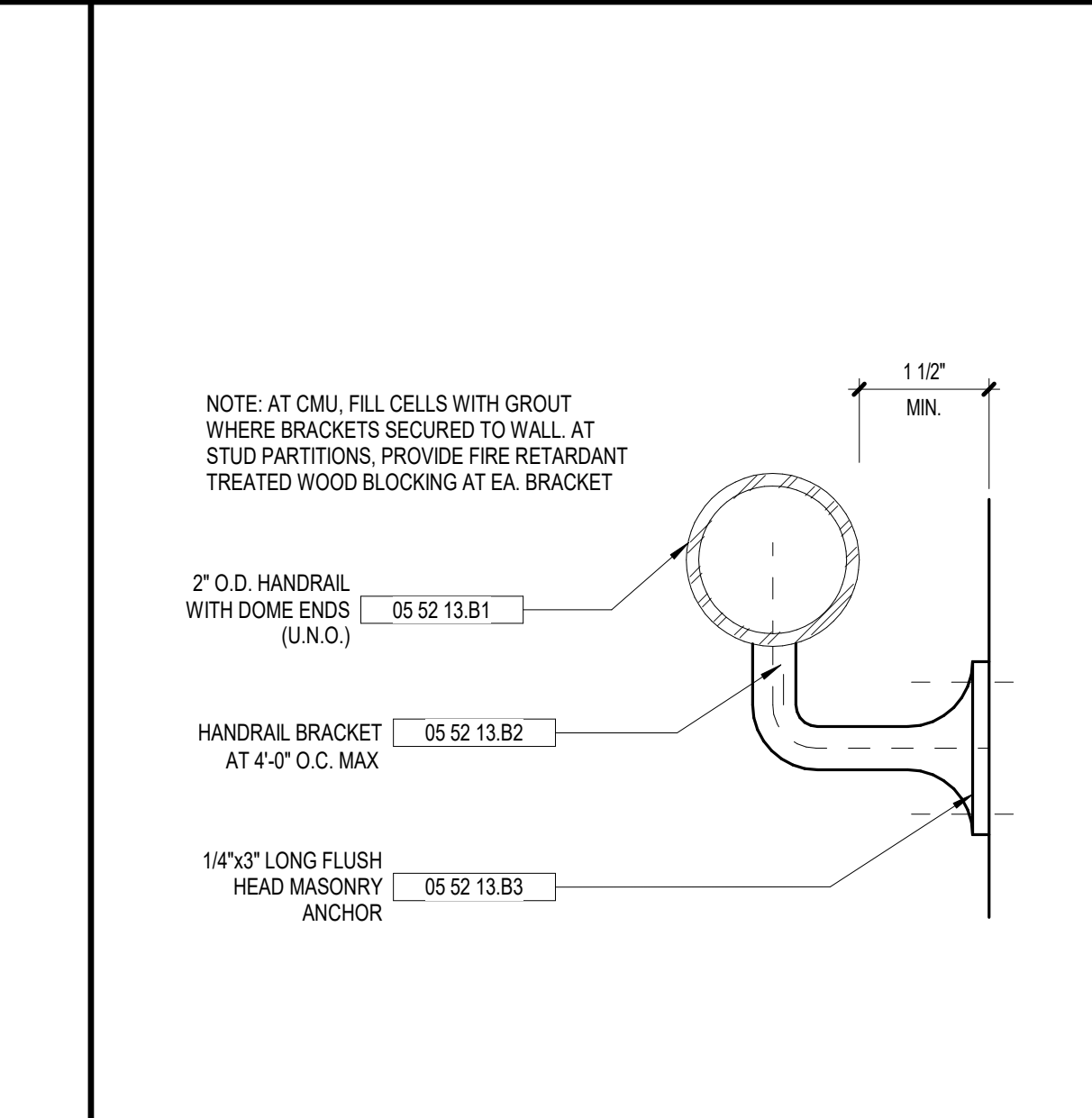
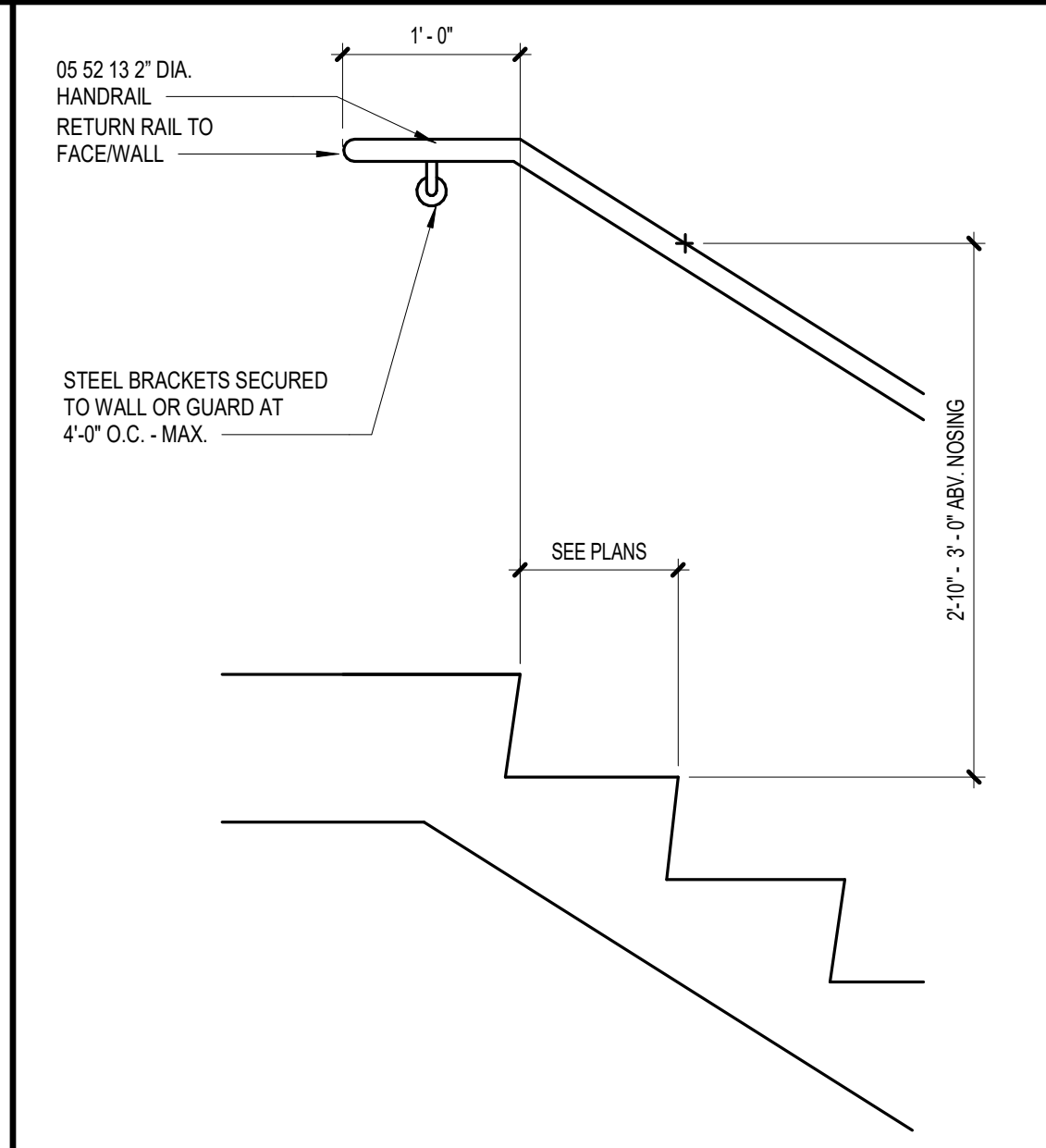
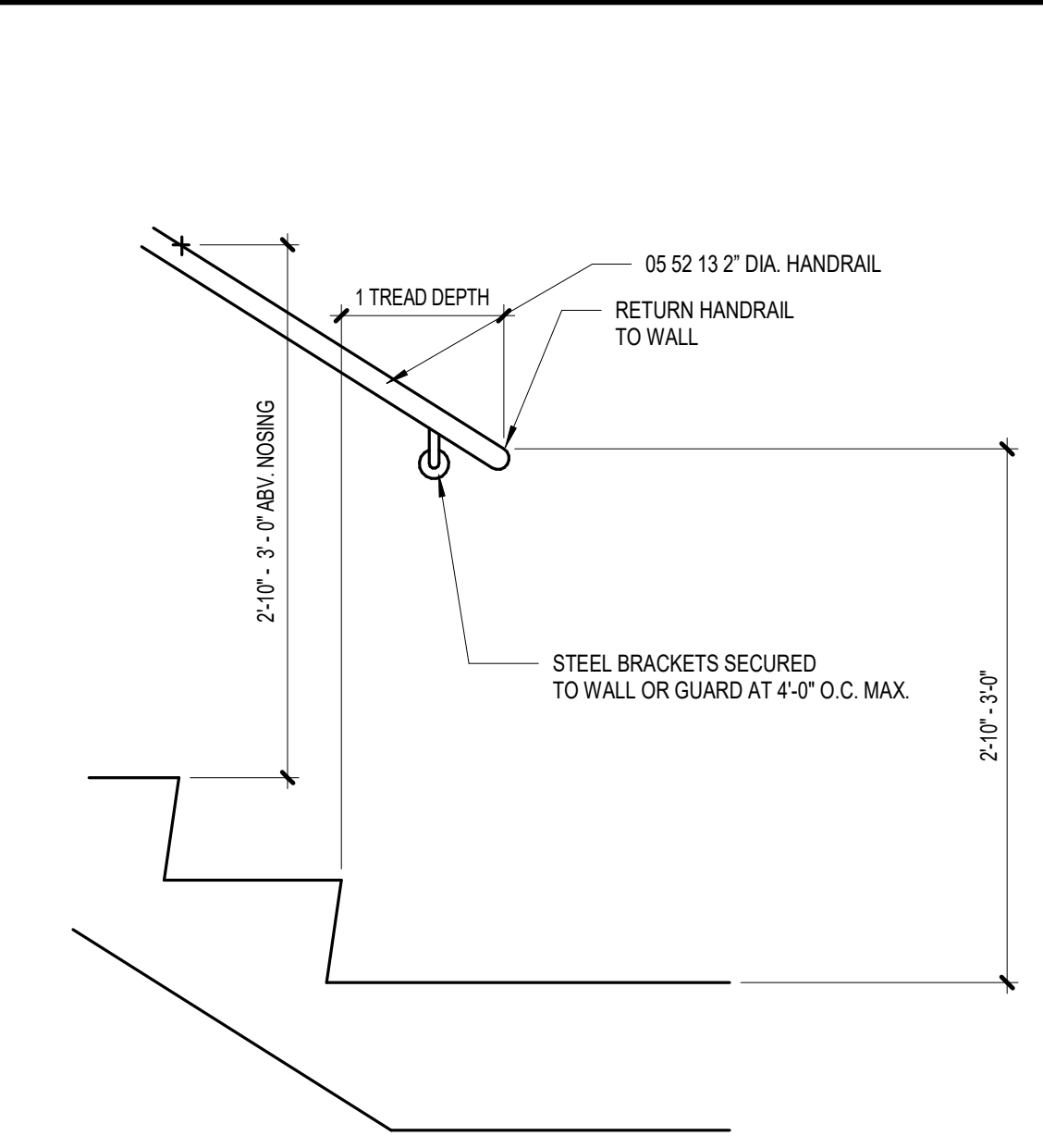
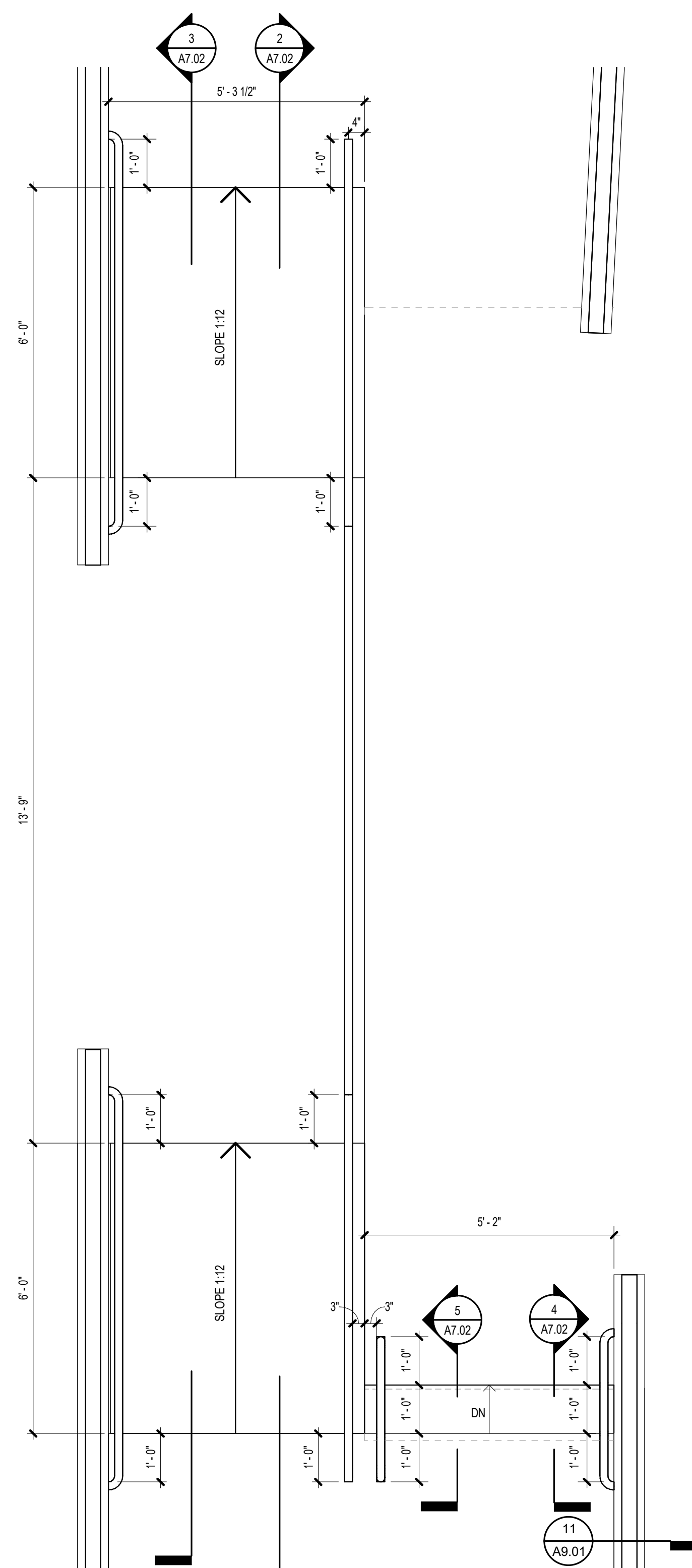
REVISION SCHEDULE

DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: TLC
SCALE: As indicated
SHEET: **A6.12**

1 REFLECTED CEILING PLAN - DINING
A6.12 1/4" = 1'-0"

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KEYNOTE LEGEND - BY SHEET	
NO.	NOTE
03 30 00 A	CAST-IN-PLACE CONCRETE
03 30 00 P2	1/2" PEJ
03 30 00 S4	4" DRAINABLE FILL SEE STRUCT.
03 45 00	PRECAST ARCHITECTURAL CONCRETE
05 52 13 B	PIPE AND TUBE RAILING
05 52 13 B1	2" O.D. HANDRAIL WITH DOME ENDS (U.N.O.)
05 52 13 B2	HANDRAIL BRACKET
05 52 13 B3	1 1/4" X 1" LONG FLUSH HEAD MASONRY ANCHOR
05 73 00	DECORATIVE METAL RAILINGS

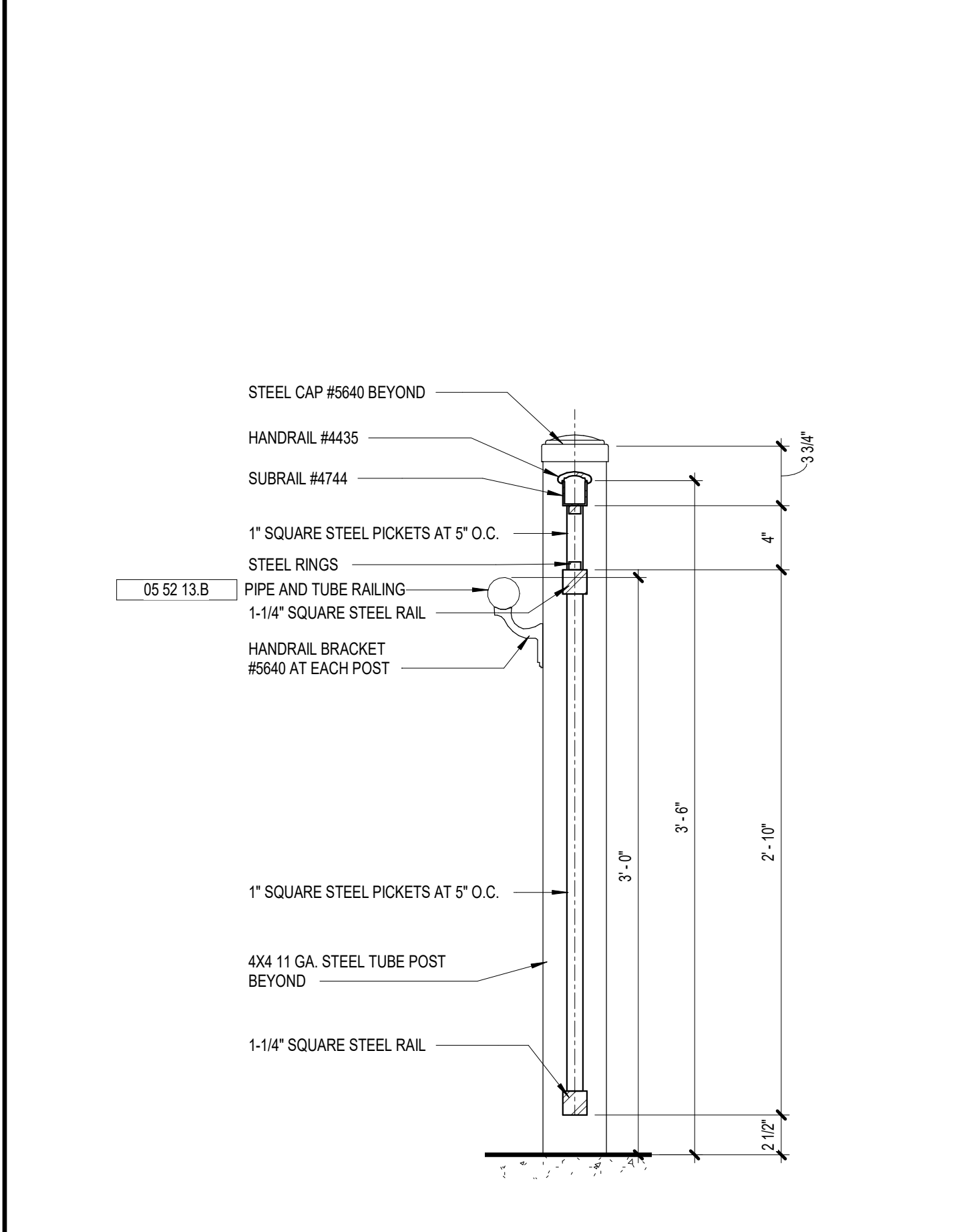
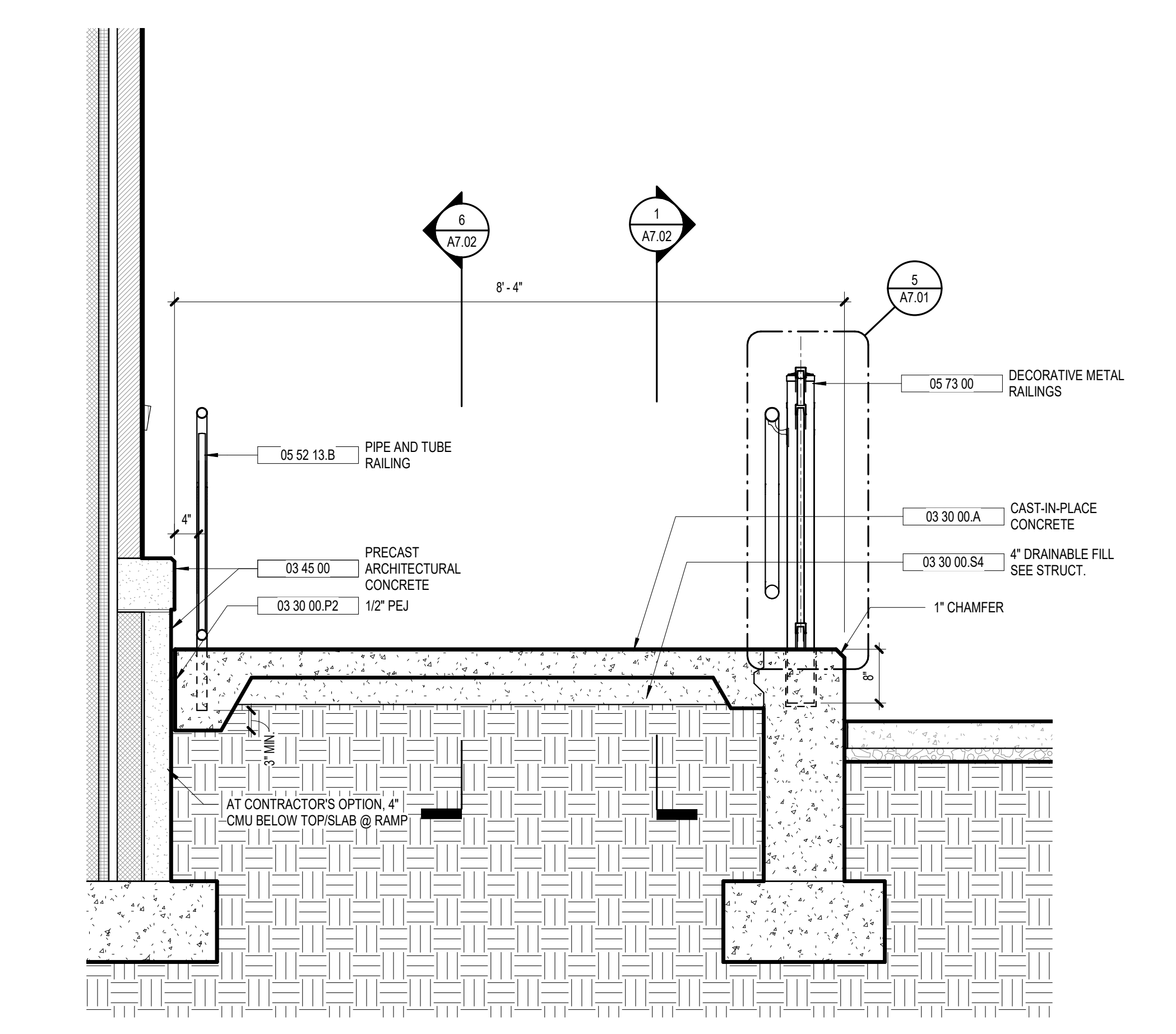
GENERAL STAIR NOTES

- CROSS SLOPE OF RAMP RUNS SHALL NOT BE STEEPER THAN 1:48
- RAMP RUNS SHALL NOT HAVE RUNNING SLOPE STEEPER THAN 1:12
- STAIR TREAD SURFACES SHALL NOT HAVE SURFACE STEEPER THAN 1:48
- ALL STEPS ON A FLIGHT OF STAIRS SHALL HAVE UNIFORM RISER HEIGHTS AND UNIFORM TREAD DEPTHS.

8 TYP. HANDRAIL DET. - FOOT
A7.01 1" = 1'-0"

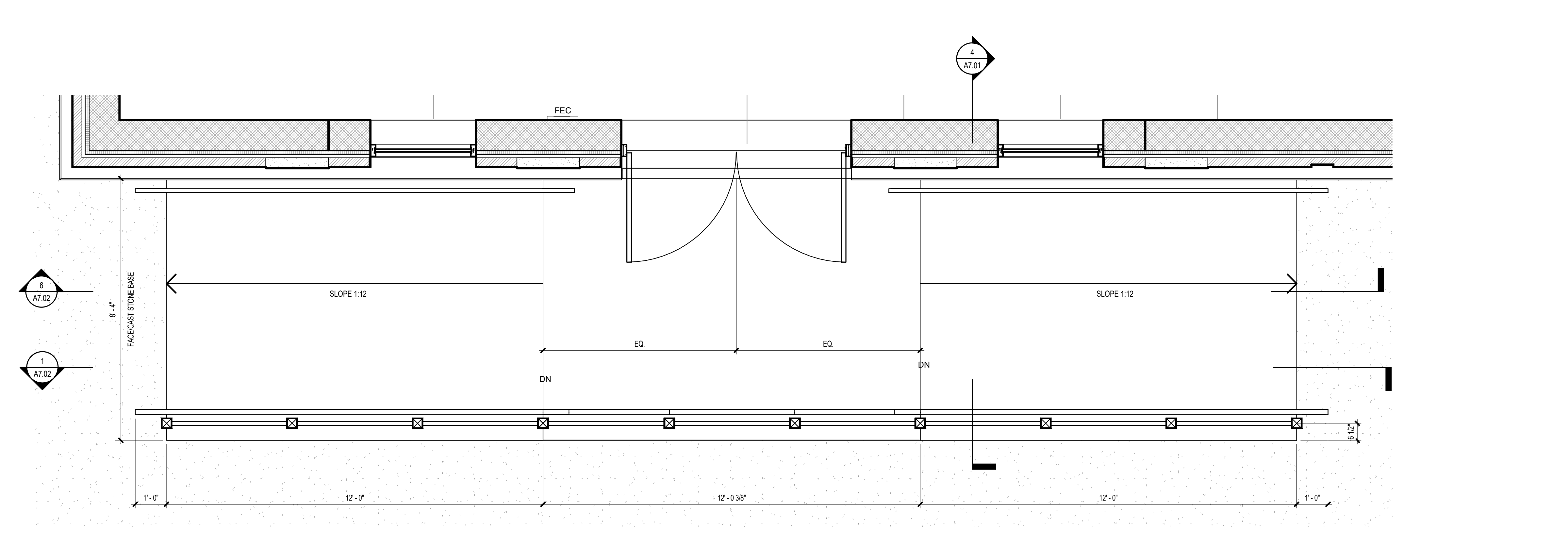
9 TYP. HANDRAIL DET. - HEAD
A7.01 1" = 1'-0"

10 TYP. HANDRAIL SUPPORT
A7.01 6" = 1'-0"



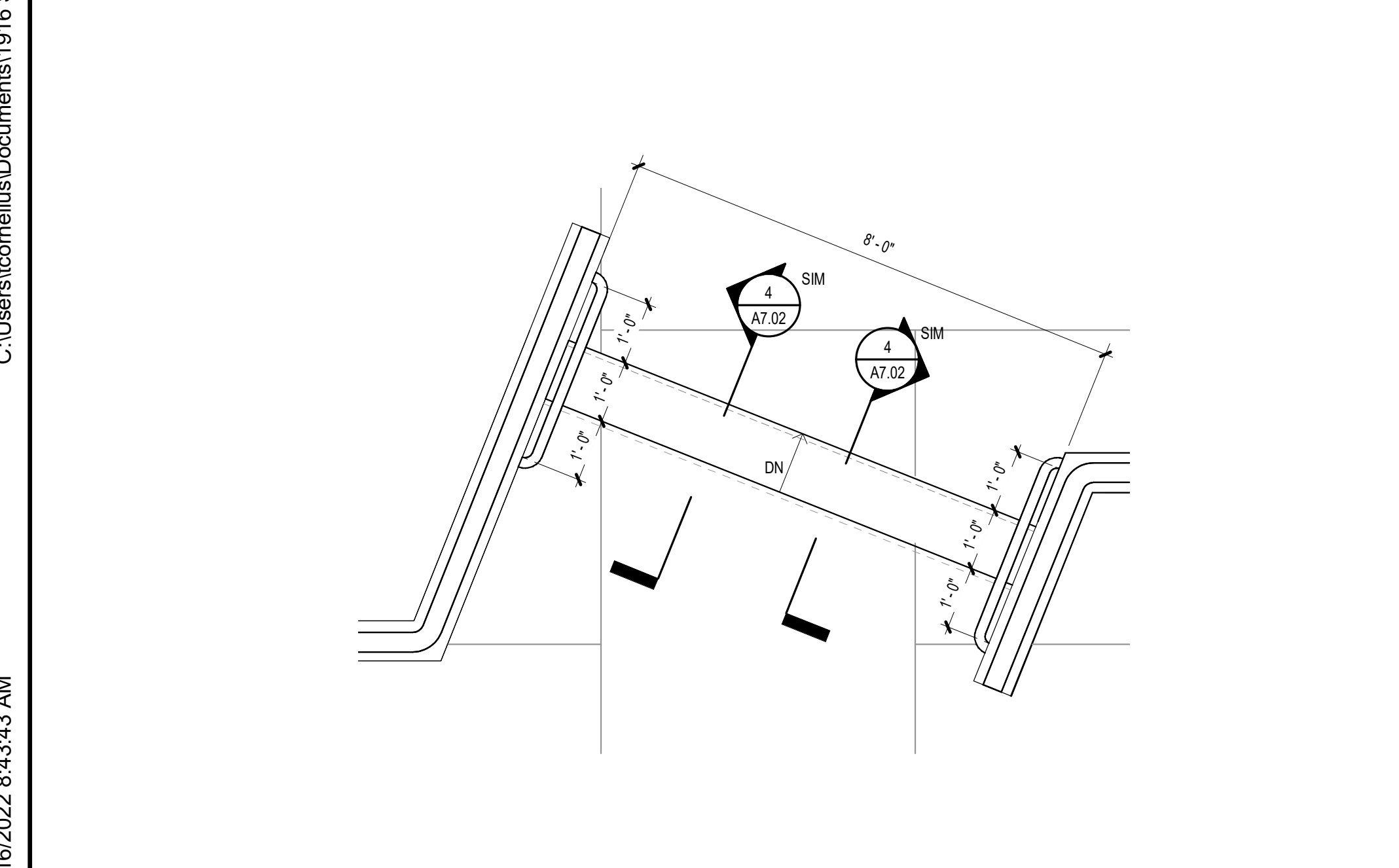
4 CROSS SECTION THRU EXTERIOR RAMP
A7.01 3/4" = 1'-0"

5 DECORATIVE RAILING SECTION
A7.01 1 1/2" = 1'-0"



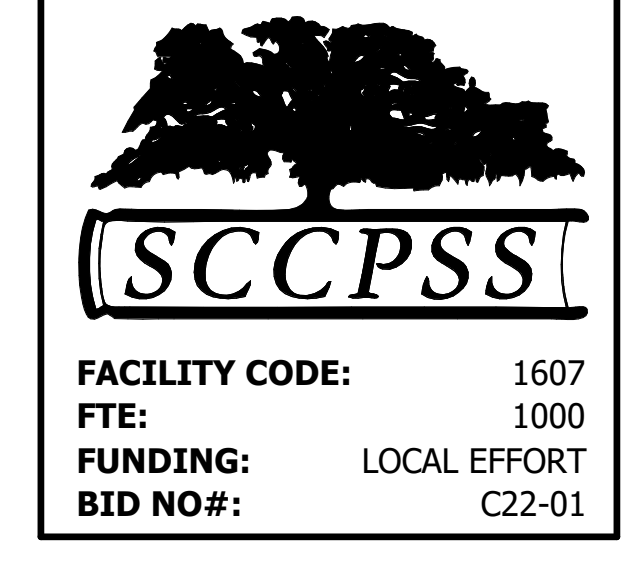
1 ENLARGED EXTERIOR RAMP PLAN
A7.01 1/2" = 1'-0"

3 ENLARGED STAIR/RAMP @ DINING CIRC. 127
A7.01 1/2" = 1'-0"

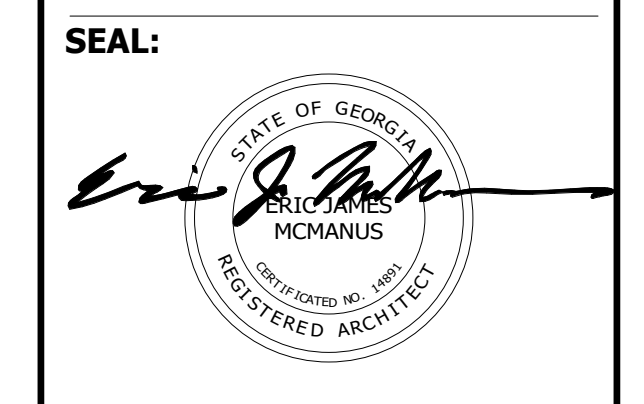


2 ENLARGED STAIR @ DINING CIRC. 102
A7.01 1/2" = 1'-0"

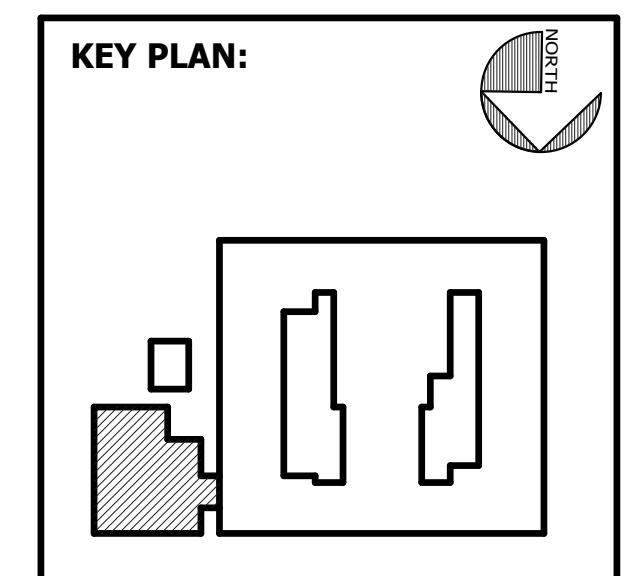
VOL. II SAVANNAH ARTS ACADEMY ADDITION
500 WASHINGTON AVENUE
SAVANNAH, GEORGIA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
GMP CONSTRUCTION DOCUMENTS



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SAVANNAH, GEORGIA 31401
tel 912.234.6318
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PROJECT CONSULTANTS:
CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
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STRUCTURAL ENGINEER:
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SAVANNAH, GA 31410
MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

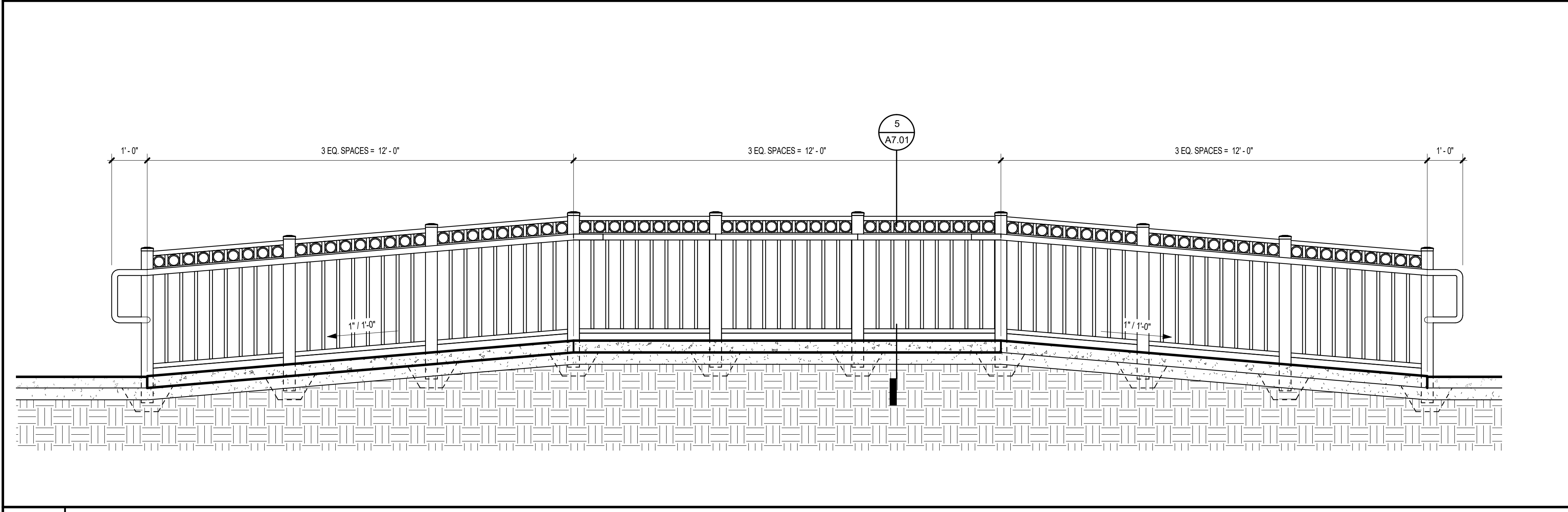


SHEET TITLE:
STAIR & RAMP
PLANS &
DETAILS

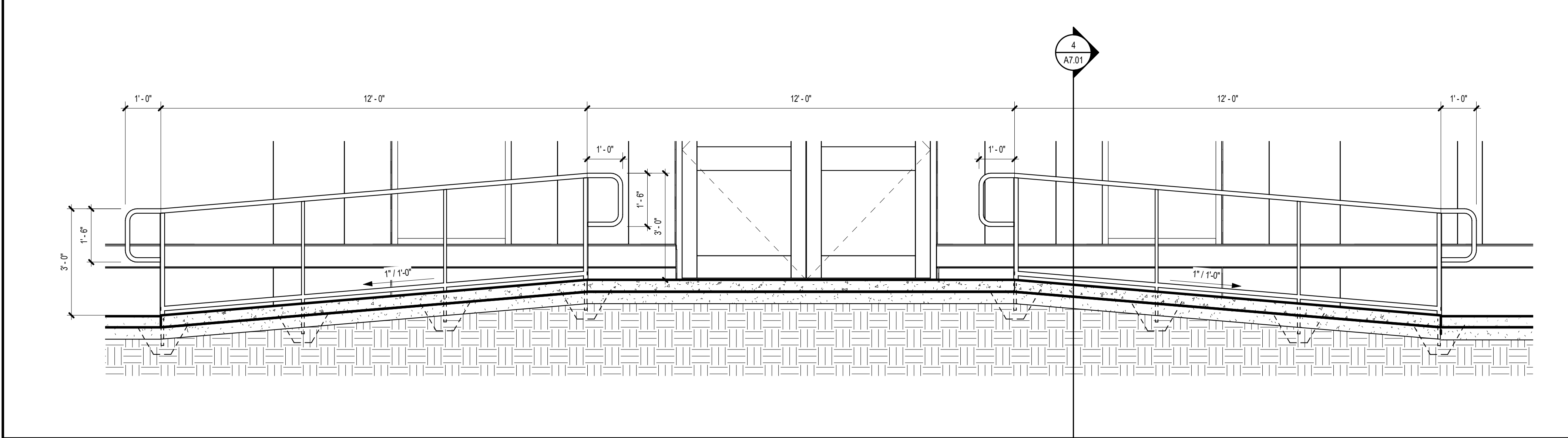
REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: TLC
SCALE: As indicated
SHEET: **A7.01**

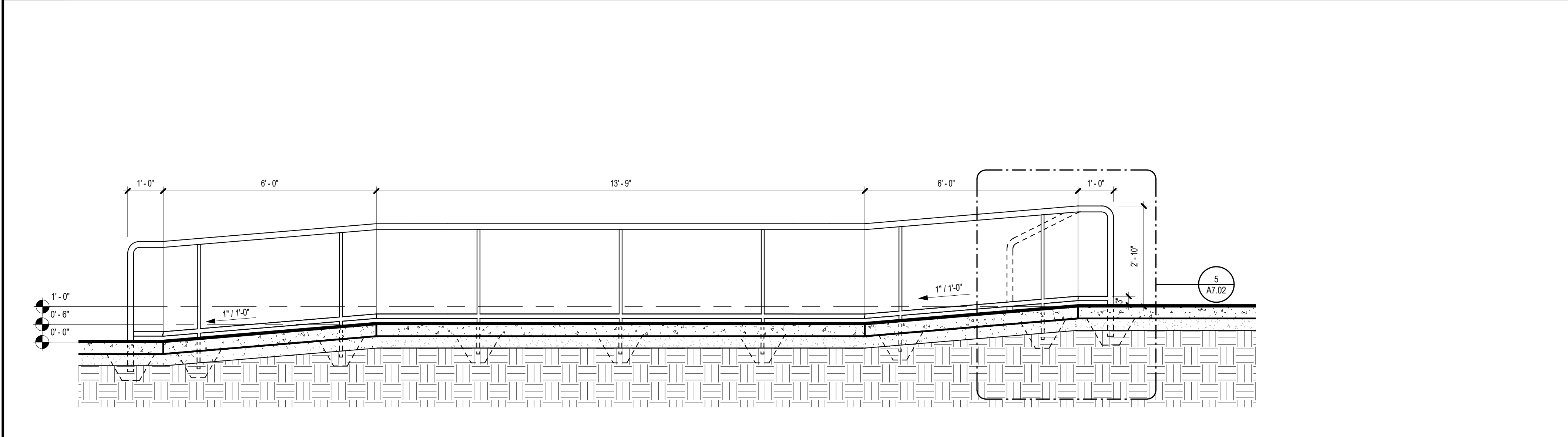
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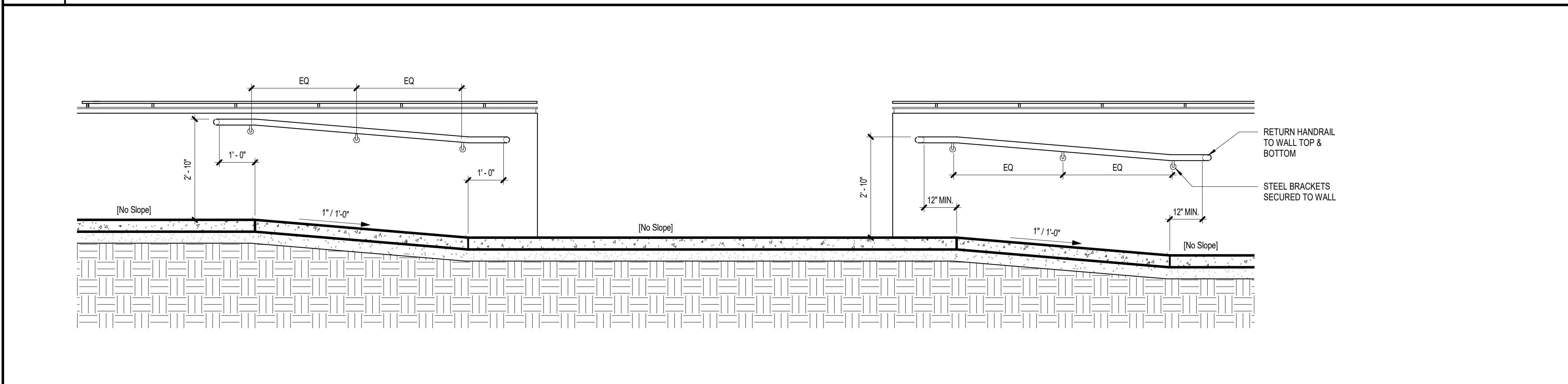
1 EXTERIOR RAMP - A
A7.02 1/2" = 1'-0"



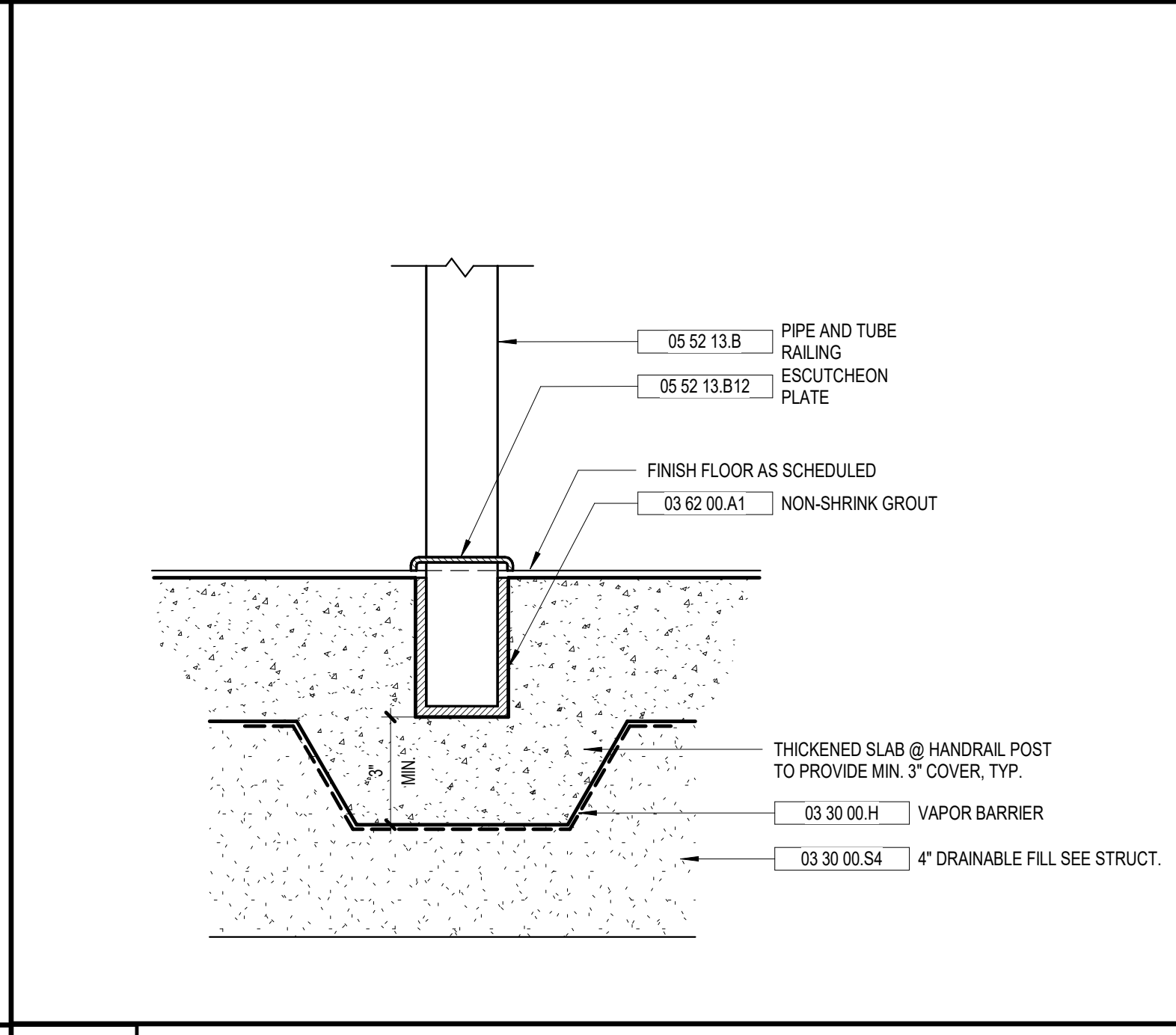
6 EXTERIOR RAMP - B
A7.02 1/2" = 1'-0"



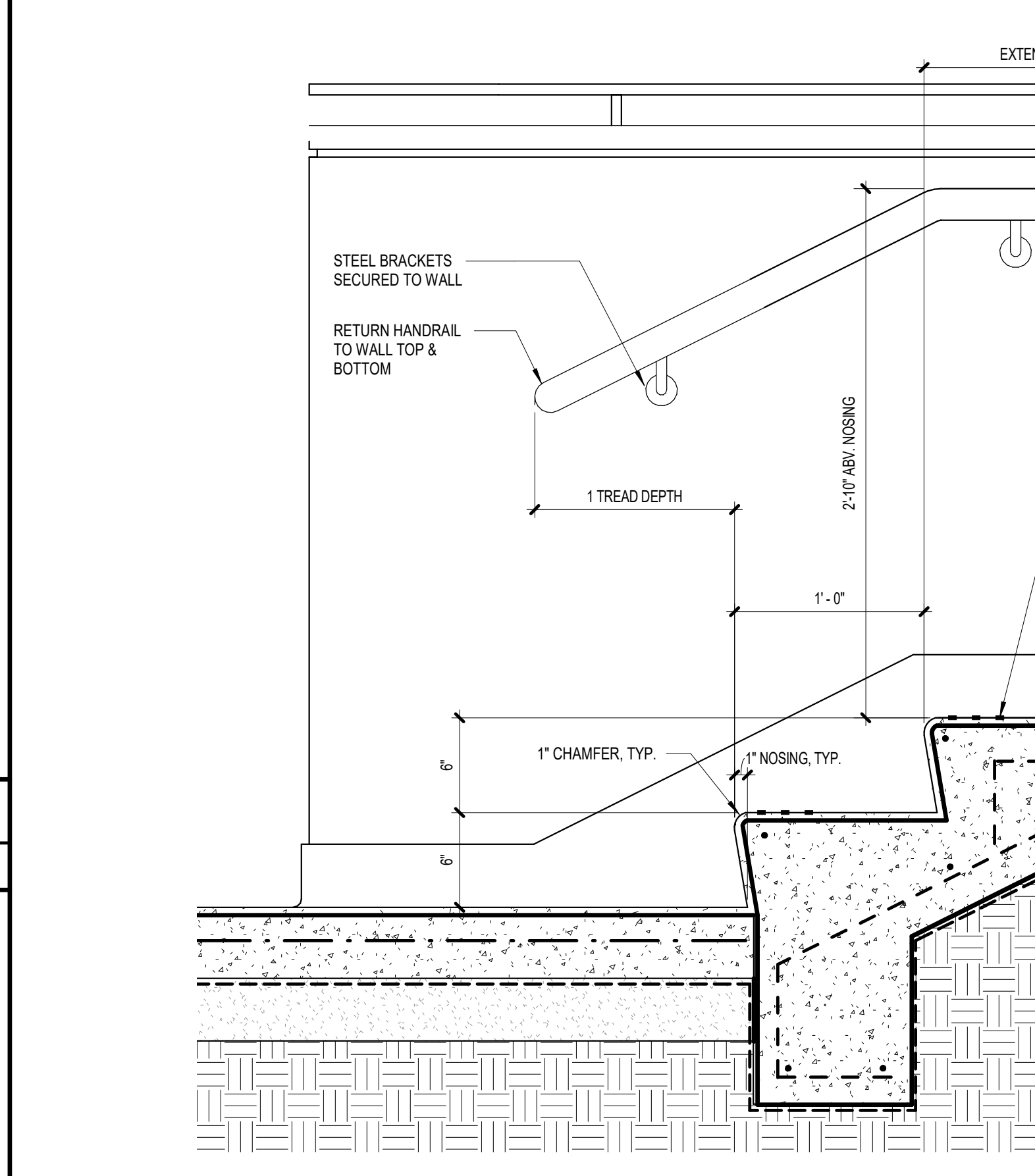
2 RAMP @ DINING CIRC. 127 A
A7.02 1/2" = 1'-0"



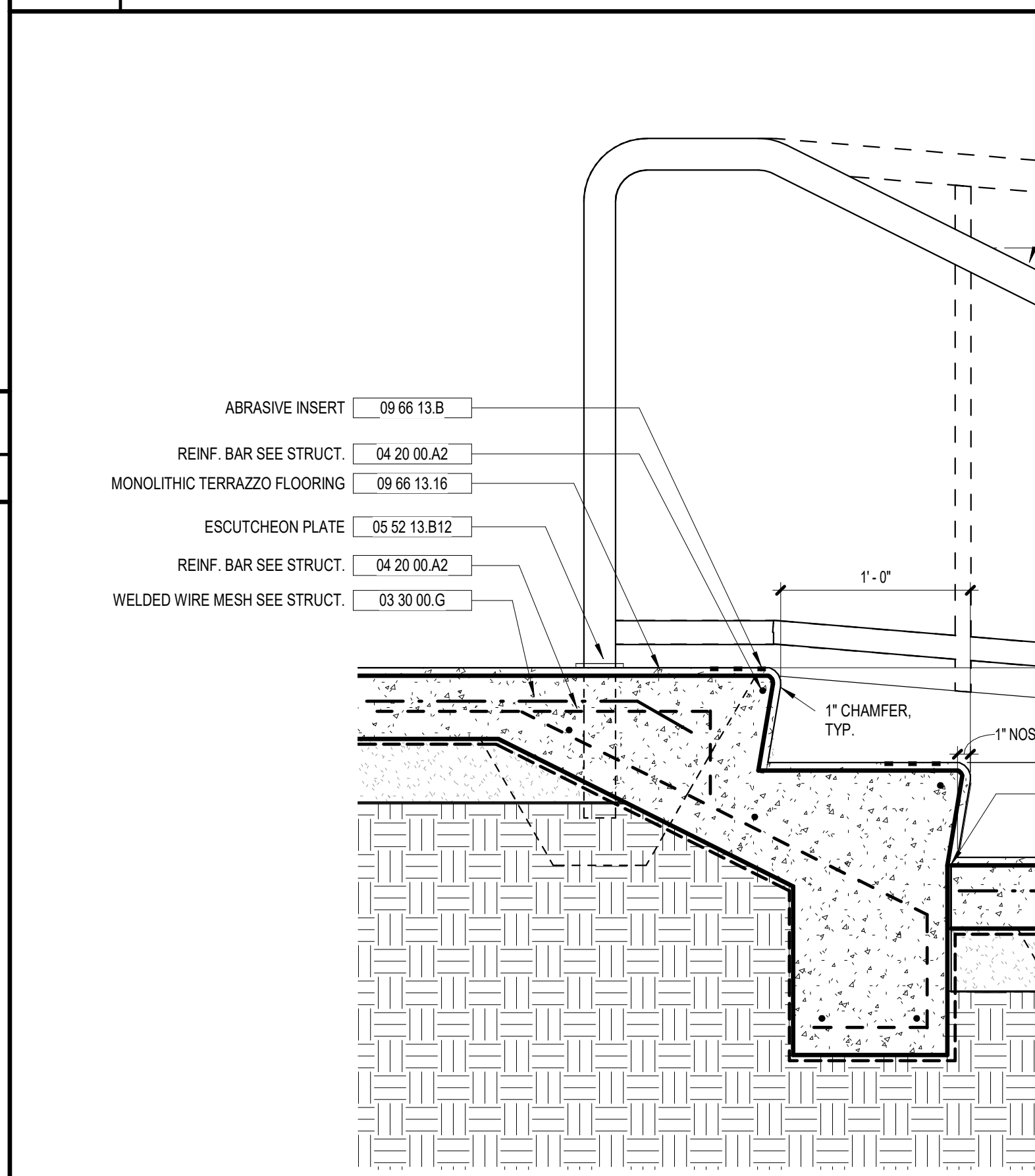
3 RAMP @ DINING CIRC. 127 B
A7.02 1/2" = 1'-0"



7 TYP. RAIL FLOOR MOUNTING
A7.02 3" = 1'-0"



4 STAIR @ DINING CIRC. 127 A
A7.02 1 1/2" = 1'-0"

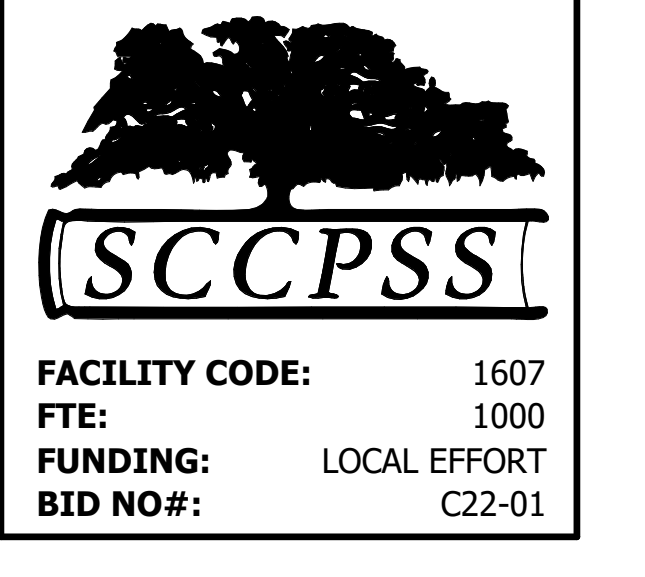


5 STAIR @ DINING CIRC. 127 B
A7.02 1 1/2" = 1'-0"

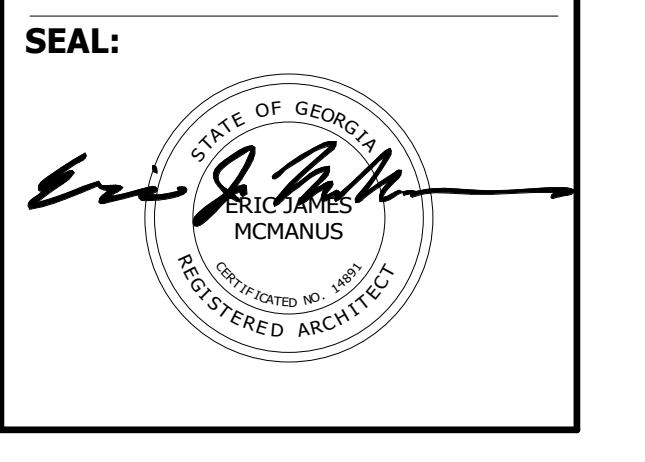
KEYNOTE LEGEND - BY SHEET

NO.	NOTE
03 30 00 B	CAST-IN-PLACE CONCRETE SEE STRUCT.
03 30 00 G	WELDED WIRE MESH SEE STRUCT.
03 30 00 H	VAPOR BARRIER
03 30 00 P1	1/4" PEJ
03 30 00 S4	4" DRAINABLE FILL SEE STRUCT.
03 62 00 A1	NON-SHRINK GROUT
04 20 00 A2	REINF. BAR SEE STRUCT.
05 52 13 B	PIPE AND TUBE RAILING
05 52 13 B5	2" DIAMETER METAL TUBE HANDRAIL
05 52 13 B12	ESCUTCHEON PLATE
09 66 13 16	MONOLITHIC TERRAZZO FLOORING
09 66 13 B	ABRASIVE INSERT
09 66 13 C	TERRAZZO COVE BASE

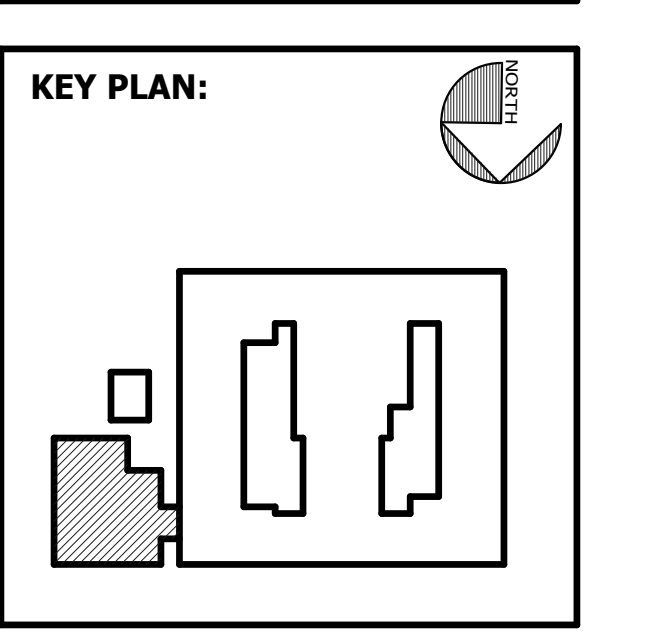
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DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406



SHEET TITLE:
STAIR & RAMP SECTIONS

REVISION SCHEDULE

DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: TLC
SCALE: As indicated
SHEET: **A7.02**

DOOR SCHEDULE

DOOR NO	FROM ROOM	TO ROOM	CONFIG	DOOR			FRAME			GLAZING	HARDWARE SET	LABEL	FRAME			HEAD DETAIL	JAMB DETAIL	SILL DETAIL	REMARKS
				HEIGHT	WIDTH	TYPE	MATERIAL	FINISH	TYPE				MATERIAL	FINISH					
500A	VESTIBULE	VESTIBULE	AI	7'-0"	6'-0"	N	Hollow Metal	Painted	LG-1	4.0	None	HM1	Hollow Metal	Painted	9/A8.10	7/A8.10	SEE SF ELEV.	OMIT IF ADD ALTERNATE IS ACCEPTED	
500B	VESTIBULE	VESTIBULE	AI	7'-0"	6'-0"	AL2	Aluminum	Anodized	IRG-1	4.0	None	SF1	Aluminum	Painted	SEE SF ELEV.	SEE SF ELEV.	SEE SF ELEV.		
500C	VESTIBULE	DINING - CIRCULATION	AI	7'-0"	6'-0"	AL2	Aluminum	Anodized	IRG-1	10.0	None	SF2	Aluminum	Painted	SEE SF ELEV.	SEE SF ELEV.	SEE SF ELEV.		
500D	VESTIBULE	VESTIBULE	AI	7'-0"	6'-0"	AL2	Aluminum	Anodized	IRG-1	4.0	None	SF1	Aluminum	Painted	SEE SF ELEV.	SEE SF ELEV.	SEE SF ELEV.		
503A	DINING CIRCULATION	DINING CIRCULATION	AI	7'-0"	6'-4"	AL2	Aluminum	Anodized	IRG-1	4.0	None	SF7	Aluminum	Painted	SEE SF ELEV.	SEE SF ELEV.	SEE SF ELEV.		
504A	CORRIDOR	CORRIDOR	SG	7'-0"	3'-6"	G	Hollow Metal	Painted	--	11.0	None	HM1	Hollow Metal	Painted	9/A8.10	5/A8.10	4/A8.10		
506A	JAN.	JAN.	SG	7'-0"	3'-0"	F	Hollow Metal	Painted	--	12.0	None	HM1	Hollow Metal	Painted	9/A8.10	10/A8.10	--		
507A	CHASE	CHASE	SG	7'-0"	3'-0"	F	Hollow Metal	Painted	--	12.0	None	HM1	Hollow Metal	Painted	9/A8.10	10/A8.10	--		
508A	IFP	IFP	SG	7'-0"	3'-0"	F	Hollow Metal	Painted	--	13.0	None	HM1	Hollow Metal	Painted	9/A8.10	10/A8.10	--		
510A	TABLE & CHAIR STORAGE	CORRIDOR	AI	7'-0"	6'-0"	F	Hollow Metal	Painted	--	15.0	None	HM1	Hollow Metal	Painted	9/A8.10	10/A8.10	--		
511A	SERVING	DINING CIRCULATION	AI	12'-0"	9'-4"	OCG								1/A8.10	2/A8.10	--			
511B	SERVING	DINING CIRCULATION	AI	12'-0"	9'-4"	OCG								1/A8.10	2/A8.10	--			
511C	SERVING	DINING CIRCULATION	AI	12'-0"	9'-4"	OCG								1/A8.10	2/A8.10	--			
511D	CORRIDOR	SERVING	AI	7'-0"	3'-0"	F	Hollow Metal	Painted	--	16.0	None	HM1	Hollow Metal	Painted	9/A8.10	10/A8.10	--		
512A	DISHWASHING	DINING CIRCULATION	AI	7'-0"	4'-0"	F	Hollow Metal	Painted	--	17.0	None	HM1	Hollow Metal	Painted	9/A8.10	10/A8.10	--		
514A	CHEM. STOR.	FOOD PREP	AI	7'-0"	3'-0"	F	Hollow Metal	Painted	--	18.0	None	HM1	Hollow Metal	Painted	9/A8.10	10/A8.10	--		
515A	ELEC.	ELEC.	SG	7'-0"	3'-0"	F	Hollow Metal	Painted	--	14.0	None	HM1	Hollow Metal	Painted	3/A8.10	5/A8.10	8/A8.10		
517A	FOOD PREP	OFFICE	SG	7'-0"	3'-0"	G	Wood	WBS	LG-1	19.0	None	HM2	Hollow Metal	Painted	9/A8.10	10/A8.10	12/A8.10		
518A	FOOD PREP	OFFICE	SG	7'-0"	3'-0"	G	Wood	WBS	LG-1	19.0	None	HM2	Hollow Metal	Painted	9/A8.10	10/A8.10	12/A8.10		
519A	RECEIVING	OFFICE	SG	7'-0"	3'-0"	G	Wood	WBS	LG-1	19.0	None	HM3	Hollow Metal	Painted	9/A8.10	10/A8.10	12/A8.10		
519B	OFFICE	FOOD PREP	BL	3'-10"	6'-0"	--	--	--	LG-1	None	None	HM4	Hollow Metal	Painted	11/A8.10	12/A8.10	12/A8.10		
520A	RECEIVING	LOCKER	SG	7'-0"	3'-6"	Metal	Painted	IRG-1	11.0	None	HM1	Hollow Metal	Painted	3/A8.10	5/A8.10	4/A8.10			
521A	RECEIVING	LOCKER	SG	7'-0"	3'-0"	F	Hollow Metal	Painted	--	20.0	None	HM1	Hollow Metal	Painted	9/A8.10	10/A8.10	--		
522A	LOCKER	TLT	SG	7'-0"	3'-0"	F	Hollow Metal	Painted	--	21.0	None	HM1	Hollow Metal	Painted	9/A8.10	10/A8.10	--		
523A	RISER ROOM	TLT	SG	7'-0"	3'-0"	F	Hollow Metal	Painted	--	14.0	None	HM1	Hollow Metal	Painted	3/A8.10	5/A8.10	8/A8.10		
524A	FOOD PREP	DRY STORAGE	SG	7'-0"	3'-6"	F	Hollow Metal	Painted	--	22.0	None	HM1	Hollow Metal	Painted	11/A8.10	10/A8.10	--		
530C	DINING - NORTH	DRY STORAGE	AI	7'-4"	7'-0"	AL2	Aluminum	IRG-1	4.0	None	SF7	Aluminum	Painted	SEE SF ELEV.	SEE SF ELEV.	SEE SF ELEV.			

DOOR SCHEDULE ADD ALTERNATE

DOOR NO	FROM ROOM	TO ROOM	CONFIG	HEIGHT	WIDTH	TYPE	MATERIAL	FINISH	GLAZING	HARDWARE SET	LABEL	TYPE	MATERIAL	FINISH	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	REMARKS
500ALT	VESTIBULE	VESTIBULE	AI	7'-0"	6'-0"	N	Hollow Metal	Painted	FRG		50 Minutes	HM1	Hollow Metal	Painted	SEE ELEV.	SEE ELEV.		

KEYNOTE LEGEND - BY SHEET

NO.	NOTE
12 21 13 B	HORIZONTAL LOUVER BLINDS (HLB)

GENERAL DOOR NOTES

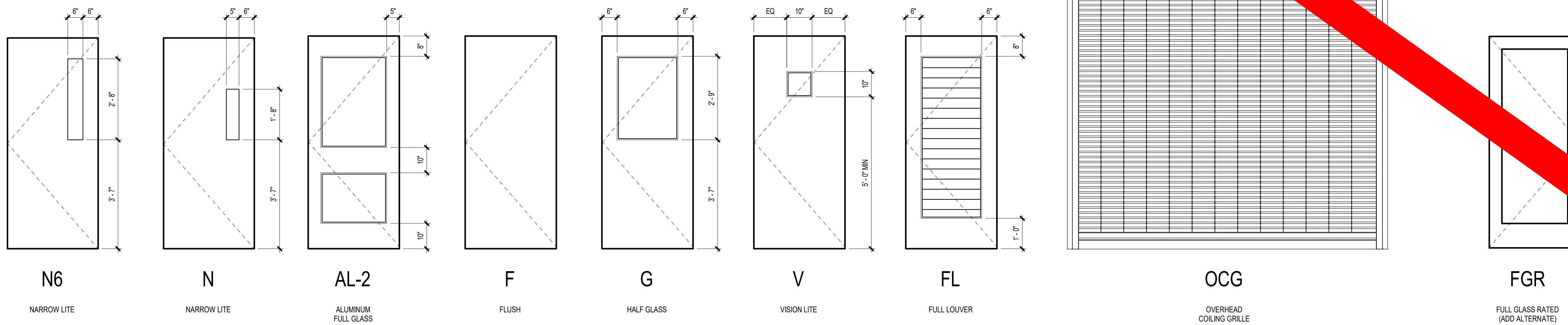
- SEE FLOOR PLANS AND ELEVATIONS FOR DOOR LOCATIONS AND FRAME LOCATIONS.
- OVERALL HORIZONTAL AND VERTICAL FRAME DIMENSIONS ARE TO MASONRY OPENINGS.
- VIEW LITES IN ALL NON-LABELLED INTERIOR DOORS SHALL BE LAMINATED CLEAR SAFETY GLASS, UNLESS NOTED OTHERWISE.
- VIEW LITES IN ALL FIRE RATED DOORS SHALL BE FIRE RATED GLASS, UNLESS NOTED OTHERWISE.
- EXTERIOR WINDOW AND STOREFRONT FRAMING SHALL BE PROVIDED WITH TEMPERED, LOW-E INSULATING GLASS UNITS, UNLESS NOTED OTHERWISE.
- INTERIOR WINDOW AND BORROW LIGHTS SHALL BE PROVIDED WITH LAMINATED CLEAR GLASS, UNLESS NOTED OTHERWISE.
- SEE FRAME ELEVATIONS FOR SILL HEIGHTS, AFF.
- CENTERLINE OF ALL EXIT DEVICES SHALL BE 37" AFF, UNLESS NOTED OTHERWISE.
- SILL PANS SHALL BE PROVIDED UNDER ALL EXTERIOR WINDOWS AND STOREFRONT NOT SITTING DIRECTLY ON FLOOR SLAB. WINDOWS AND STOREFRONT SITTING DIRECTLY ON FLOOR SLAB SHALL BE SET ON MANUFACTURER'S SUBSILL, SET IN FULL BED OF SEALANT.
- WHERE HORIZONTAL LOUVER BLINDS (HLB) ARE SCHEDULED AT TYPE 'G' DOORS, INSTALL AT DOOR LIGHT AND SIDE LITE, WHERE APPLICABLE.
- HORIZONTAL LOUVER BLINDS (HLB) AND ELECTRIC ROLLER WINDOW SHADES (ERWS) INSTALLED AT STOREFRONT WINDOW OPENINGS WHERE NOTED.
- PROVIDE CONDUIT FOR POWER AT ALL EXTERIOR DOORS FOR ACCESS CONTROL AND/OR DOOR POSITION SWITCHES. EXCEPT WHERE NOTED ELSEWHERE, ACCESS CONTROL DEVICES WILL BE INSTALLED BY OWNER.
- BRICK LITE/ ANGLER SHALL BE PAINTED.
- ALL NAILERS AND BLOCKING USED WITH MASONRY, CONCRETE OR METAL SHALL BE PRESSURE TREATED.

DOOR ABBREVIATIONS

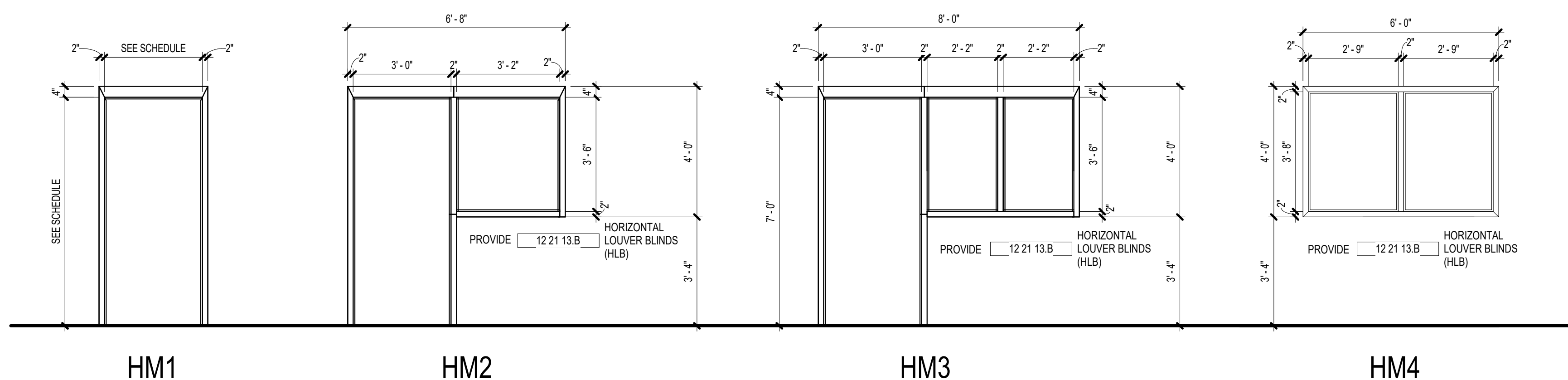
- AA ACTIVE/ACTIVE LEAF CONFIGURATION
- AL ACTIVE/INACTIVE LEAF CONFIGURATION
- BL BORROWED LITE
- SG SINGLE LEAF CONFIGURATION
- WBS WHITE BIRCH STAINED
- HPOF HIGH PERFORMANCE ORGANIC FINISH

GLAZING LEGEND

- TFG 08 80 00 CLEAR FULLY TEMPERED FLOAT GLASS
- LG-1 08 80 00 CLEAR LAMINATED FULLY TEMPERED FLOAT GLASS
- IRG-1 08 80 00 TEMPERED, LOW-E COATED CLEAR INSULATING GLASS
- FRG 08 88 13 FIRE RESISTANT GLASS



DOOR TYPE ELEVATIONS



HM FRAME ELEVATIONS

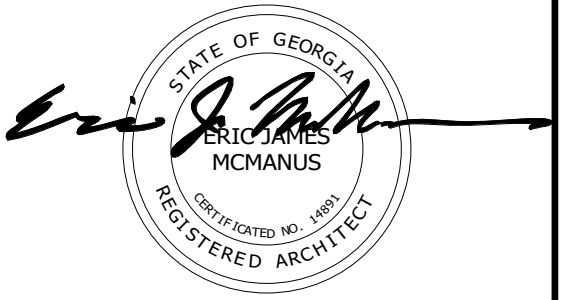
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 SAVANNAH, GEORGIA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO #: C22-01

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 fax 912.236.8414
 cogdellmendrala.com

SEAL:

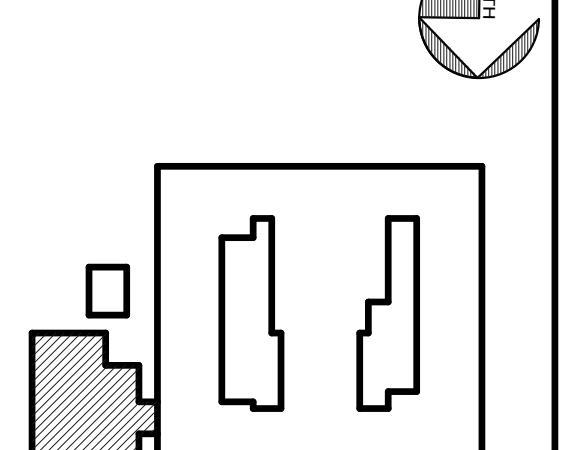


PROJECT CONSULTANTS:
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MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
 7402 HODGSON MEMORIAL DRIVE,
 SUITE 100
 SAVANNAH, GA 31406

KEY PLAN:



SHEET TITLE:
DOOR SCHEDULE, DOOR TYPES & HM FRAME ELEVATIONS

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT: 1916
DATE: FEB 2022
DRAWN BY: EJM
SCALE: As Indicated

SHEET: AC

DOOR NO	FROM ROOM	TO ROOM	CONFIG	DOOR			FRAME			GLAZING	HARDWARE SET	LABEL	TYPE	MATERIAL	FINISH	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	REMARKS
				HEIGHT	WIDTH	TYPE	MATERIAL	FINISH	TYPE										
500A	VESTIBULE	VESTIBULE	AI	7'-0"	6'-0"	N	Wood	WBS	LG-1	120	None	S2	Hollow Metal	Painted	9/A8.10	7/A8.10			
500B	VESTIBULE	VESTIBULE	AI	7'-0"	6'-0"	AL2	Aluminum	Anodized	IRG-1	4.0	None	SF1	Aluminum	Painted	SEE SF ELEV.	SEE SF ELEV.	SEE SF ELEV.		
500C	VESTIBULE	DINING - CIRCULATION	AI	7'-0"	6'-0"	AL2	Aluminum	Anodized	IRG-1	10.0	None	SF2	Aluminum	Painted	SEE SF ELEV.	SEE SF ELEV.	SEE SF ELEV.		
500D	VESTIBULE		AI	7'-0"	6'-0"	AL2	Aluminum	Anodized	IRG-1	4.0	None	SF1	Aluminum	Painted	SEE SF ELEV.	SEE SF ELEV.	SEE SF ELEV.		
500A	DINING CIRCULATION		AI	7'-0"	6'-4"	AL2	Aluminum	Anodized	IRG-1	4.0	None	SF7	Aluminum	Painted	SEE SF ELEV.	SEE SF ELEV.	SEE SF ELEV.		
504A	CORRIDOR		SG	7'-0"	3'-6"	G	Hollow Metal	Painted		11.0	None	HM1	Hollow Metal	Painted	9/A8.10	5/A8.10	4/A8.10		
506A	JAN.	CORRIDOR	SG	7'-0"	3'-0"	F	Hollow Metal	Painted		12.0	None	HM1	Hollow Metal	Painted	9/A8.10	10/A8.10	--		
507A	CHASE		SG	7'-0"	3'-0"	F	Hollow Metal	Painted		12.0	None	HM1	Hollow Metal	Painted	9/A8.10	10/A8.10	--		
508A	IBF	CORRIDOR	SG	7'-0"	3'-0"	F	Hollow Metal	Painted		13.0	None	HM1	Hollow Metal	Painted	9/A8.10	10/A8.10	--		
510A	TABLE & CHAIR STORAGE	CORRIDOR	AI	7'-0"	6'-0"	F	Hollow Metal	Painted		15.0	None	HM1	Hollow Metal	Painted	9/A8.10	10/A8.10	--		
511A	SERVING	DINING CIRCULATION	AI	12'-0"	9'-4"	OCG									1/A8.10	2/A8.10	--		
511B	SERVING	DINING CIRCULATION	AI	12'-0"	9'-4"	OCG									1/A8.10	2/A8.10	--		
511C	SERVING	DINING CIRCULATION	AI	12'-0"	9'-4"	OCG									1/A8.10	2/A8.10	--		
511D	CORRIDOR		SG	7'-0"	3'-0"	F	Hollow Metal	Painted		16.0	None	HM1	Hollow Metal	Painted	9/A8.10	10/A8.10	--		
512A	DISHWASHING	DINING CIRCULATION	SG	7'-0"	4'-0"	F	Hollow Metal	Painted		17.0	None	HM1	Hollow Metal	Painted	9/A8.10	10/A8.10	--		
514A	CHEM. STOR.	FOOD PREP	SG	7'-0"	3'-0"	F	Hollow Metal	Painted		18.0	None	HM1	Hollow Metal	Painted	9/A8.10	10/A8.10	--		
515A		ELEC.	SG	7'-0"	3'-0"	F	Hollow Metal	Painted		14.0	None	HM1	Hollow Metal	Painted	3/A8.10	5/A8.10	8/A8.10		
517A	FOOD PREP	OFFICE	SG	7'-0"	3'-0"	G	Wood	WBS	LG-1	19.0	None	HM2	Hollow Metal	Painted	9/A8.10	10/A8.10	12/A8.10		
518A	FOOD PREP	OFFICE	SG	7'-0"	3'-0"	G	Wood	WBS	LG-1	19.0	None	HM2	Hollow Metal	Painted	9/A8.10	10/A8.10	12/A8.10		
519A	RECEIVING	OFFICE	SG	7'-0"	3'-0"	G	Wood	WBS	LG-1	19.0	None	HM3	Hollow Metal	Painted	9/A8.10	10/A8.10	12/A8.10		
519B	OFFICE	FOOD PREP	BL	3'-10"	6'-0"	--	--	--	LG-1	None	None	HM4	Hollow Metal	Painted	11/A8.10	12/A8.10	12/A8.10		
520A	RECEIVING		SG	7'-0"	3'-6"	G	Hollow Metal	Painted	IRG-1	11.0	None	HM1	Hollow Metal	Painted	3/A8.10	5/A8.10	4/A8.10		
521A	RECEIVING	LOCKER	SG	7'-0"	3'-0"	F	Hollow Metal	Painted		20.0	None	HM1	Hollow Metal	Painted	9/A8.10	10/A8.10	--		
522A	LOCKER	TLT	SG	7'-0"	3'-0"	F	Hollow Metal	Painted		21.0	None	HM1	Hollow Metal	Painted	9/A8.10	10/A8.10	--		
523A	RISER ROOM		SG	7'-0"	3'-0"	F	Hollow Metal	Painted		14.0	None	HM1	Hollow Metal	Painted	3/A8.10	5/A8.10	8/A8.10		
524A	FOOD PREP	DRY STORAGE	SG	7'-0"	3'-6"	F	Hollow Metal	Painted		22.0	None	HM1	Hollow Metal	Painted	11/A8.10	10/A8.10	--		
530C	DINING - NORTH		AI	7'-4"	7'-0"	AL2	Aluminum	Anodized	IRG-1	4.0	None	SF7	Aluminum	Painted	SEE SF ELEV.	SEE SF ELEV.	SEE SF ELEV.		

DOOR SCHEDULE ADD ALTERNATE																			
DOOR NO	FROM ROOM	TO ROOM	CONFIG	DOOR			FRAME			GLAZING	HARDWARE SET	LABEL	TYPE	MATERIAL	FINISH	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	REMARKS
				HEIGHT	WIDTH	TYPE	MATERIAL	FINISH	TYPE										
500ALT	VESTIBULE	VESTIBULE		7'-0"	6'-0"														

KEYNOTE LEGEND - BY SHEET

NO.	NOTE
12 21 13 B	HORIZONTAL LOUVER BLINDS (HLB)

GENERAL DOOR NOTES

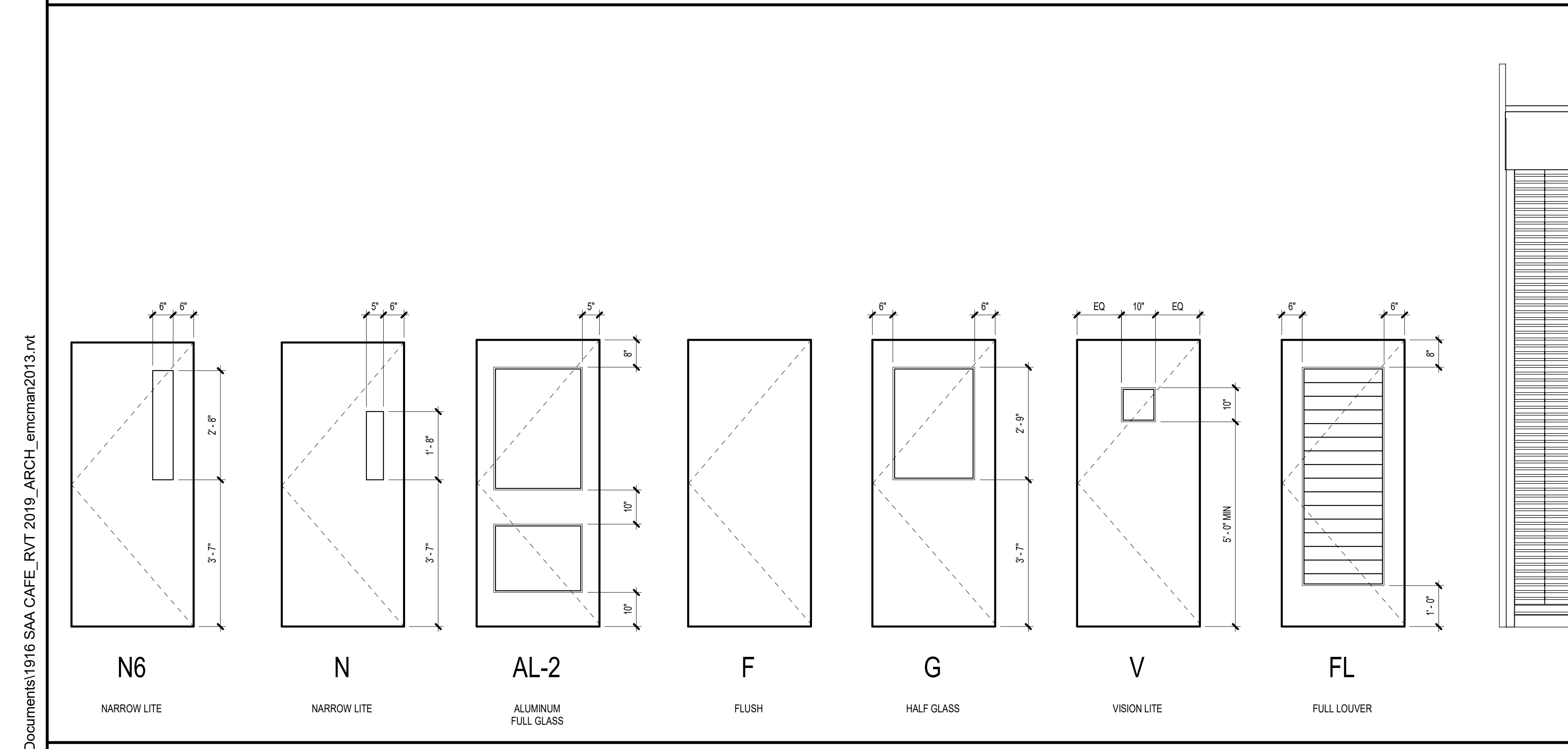
- SEE FLOOR PLANS AND ELEVATIONS FOR DOOR LOCATIONS AND FRAME LOCATIONS.
- OVERALL HORIZONTAL AND VERTICAL FRAME DIMENSIONS ARE TO MASONRY OPENINGS.
- VIEW LITES IN ALL NON-LABELLED INTERIOR DOORS SHALL BE LAMINATED CLEAR SAFETY GLASS, UNLESS NOTED OTHERWISE.
- VIEW LITES IN ALL FIRE RATED DOORS SHALL BE FIRE RATED GLASS, UNLESS NOTED OTHERWISE.
- EXTERIOR WINDOW AND STOREFRONT FRAMING SHALL BE PROVIDED WITH TEMPERED, LOW-E INSULATING GLASS UNITS, UNLESS NOTED OTHERWISE.
- INTERIOR WINDOW AND BORROW LIGHTS SHALL BE PROVIDED WITH LAMINATED CLEAR GLASS, UNLESS NOTED OTHERWISE.
- SEE FRAME ELEVATIONS FOR SILL HEIGHTS, AFF.
- CENTERLINE OF ALL EXIT DEVICES SHALL BE 37" AFF, UNLESS NOTED OTHERWISE.
- SILL PANS SHALL BE PROVIDED UNDER ALL EXTERIOR WINDOWS AND STOREFRONT NOT SITTING DIRECTLY ON FLOOR SLAB. WINDOWS AND STOREFRONT SITTING DIRECTLY ON FLOOR SLAB SHALL BE SET ON MANUFACTURER'S SUBSILL, SET IN FULL BED OF SEALANT.
- WHERE HORIZONTAL LOUVER BLINDS (HLB) ARE SCHEDULED AT TYPE "C" DOORS, INSTALL AT DOOR LIGHT AND SIDE LITE, WHERE APPLICABLE.
- HORIZONTAL LOUVER BLINDS (HLB) AND ELECTRIC ROLLER WINDOW SHADES (ERWS) INSTALLED AT STOREFRONT WINDOW OPENINGS WHERE NOTED.
- PROVIDE CONDUIT FOR POWER AT ALL EXTERIOR DOORS FOR ACCESS CONTROL AND/OR DOOR POSITION SWITCHES. EXCEPT WHERE NOTED ELSEWHERE, ACCESS CONTROL DEVICES WILL BE INSTALLED BY OWNER.
- BRICK LITE: ANGLES SHALL BE PAINTED.
- ALL NAILERS AND BLOCKING USED WITH MASONRY, CONCRETE OR METAL SHALL BE PRESSURE TREATED.

DOOR ABBREVIATIONS

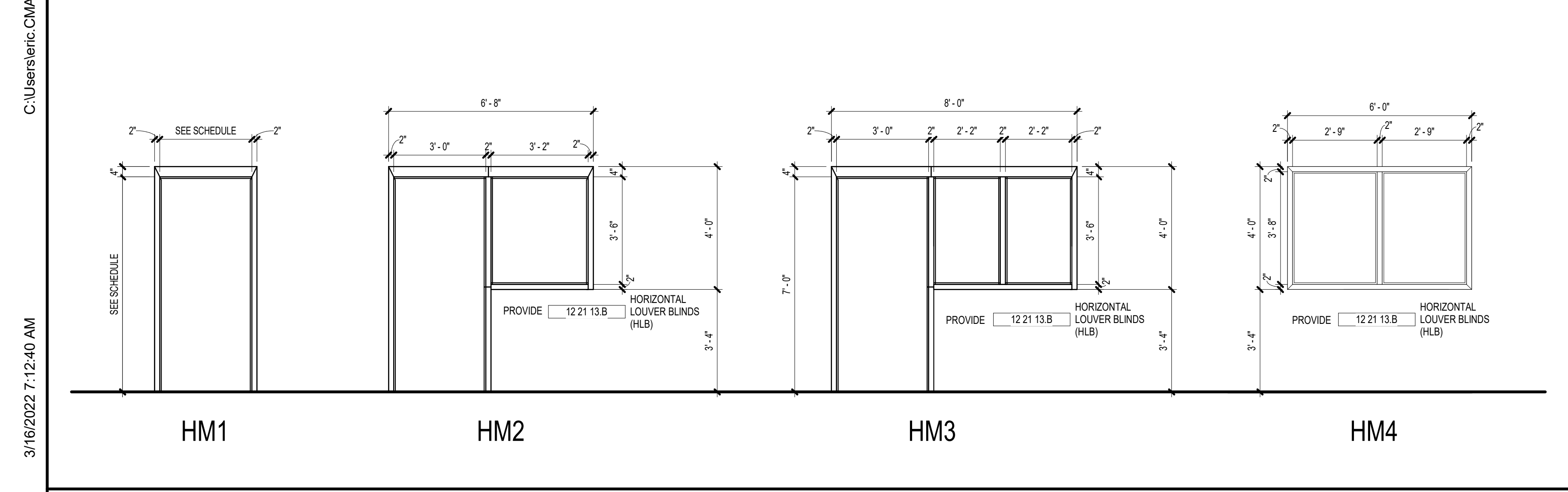
- AA ACTIVE/ACTIVE LEAF CONFIGURATION
- AL ACTIVE/INACTIVE LEAF CONFIGURATION
- BL BORROWED LITE
- SG SINGLE LEAF CONFIGURATION
- WBS WHITE BIRCH STAINED
- HPOF HIGH PERFORMANCE ORGANIC FINISH

GLAZING LEGEND

- TFG 08 80 00 CLEAR FULLY TEMPERED FLOAT GLASS
- LG-1 08 80 00 CLEAR LAMINATED FULLY TEMPERED FLOAT GLASS
- IRG-1 08 80 00 TEMPERED, LOW-E COATED CLEAR INSULATING GLASS
- FRG 08 88 13 FIRE RESISTANT GLASS



DOOR TYPE ELEVATIONS



HM FRAME ELEVATIONS

VOL. II SAVANNAH ARTS ACADEMY ADDITION
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 SAVANNAH, GEORGIA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
GMP CONSTRUCTION DOCUMENTS

SCCPSS
 FACILITY CODE: 1607
 FT: 1000
 FUNDING: LOCAL EFFORT
 BID NO #: C22-01

Cogdell Mendrala Architects
COGDELL & MENDRALA ARCHITECTS, PC
 517 EAST CONGRESS STREET
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 tel 912.234.6318
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 SUITE 100
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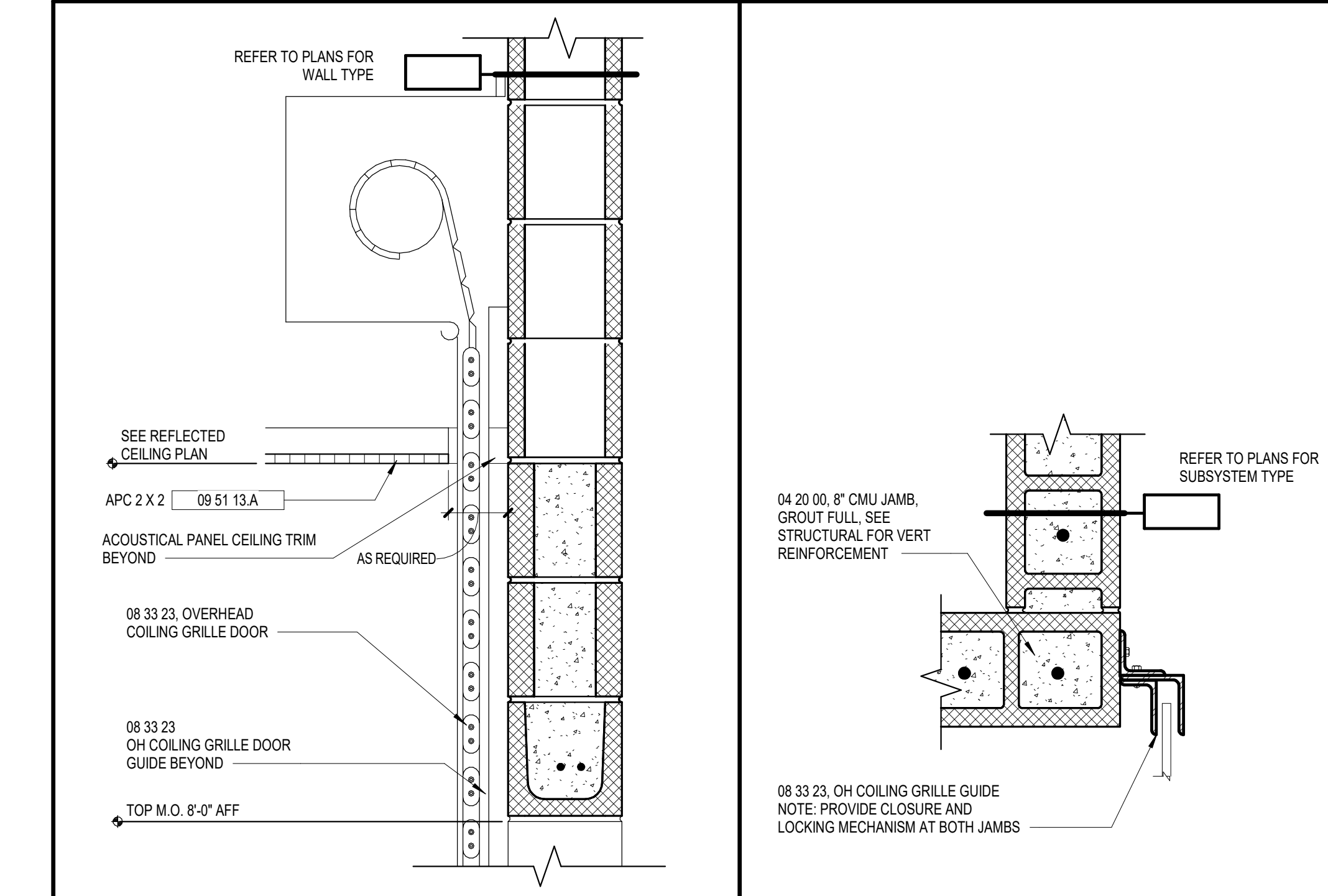
KEY PLAN:

SHEET TITLE:
DOOR SCHEDULE, DOOR TYPES & HM FRAME ELEVATIONS

REVISION SCHEDULE	
DATE	DESCRIPTION
3/14/22	ADD. NO. 1
FEB 2022	PERMIT/GMP

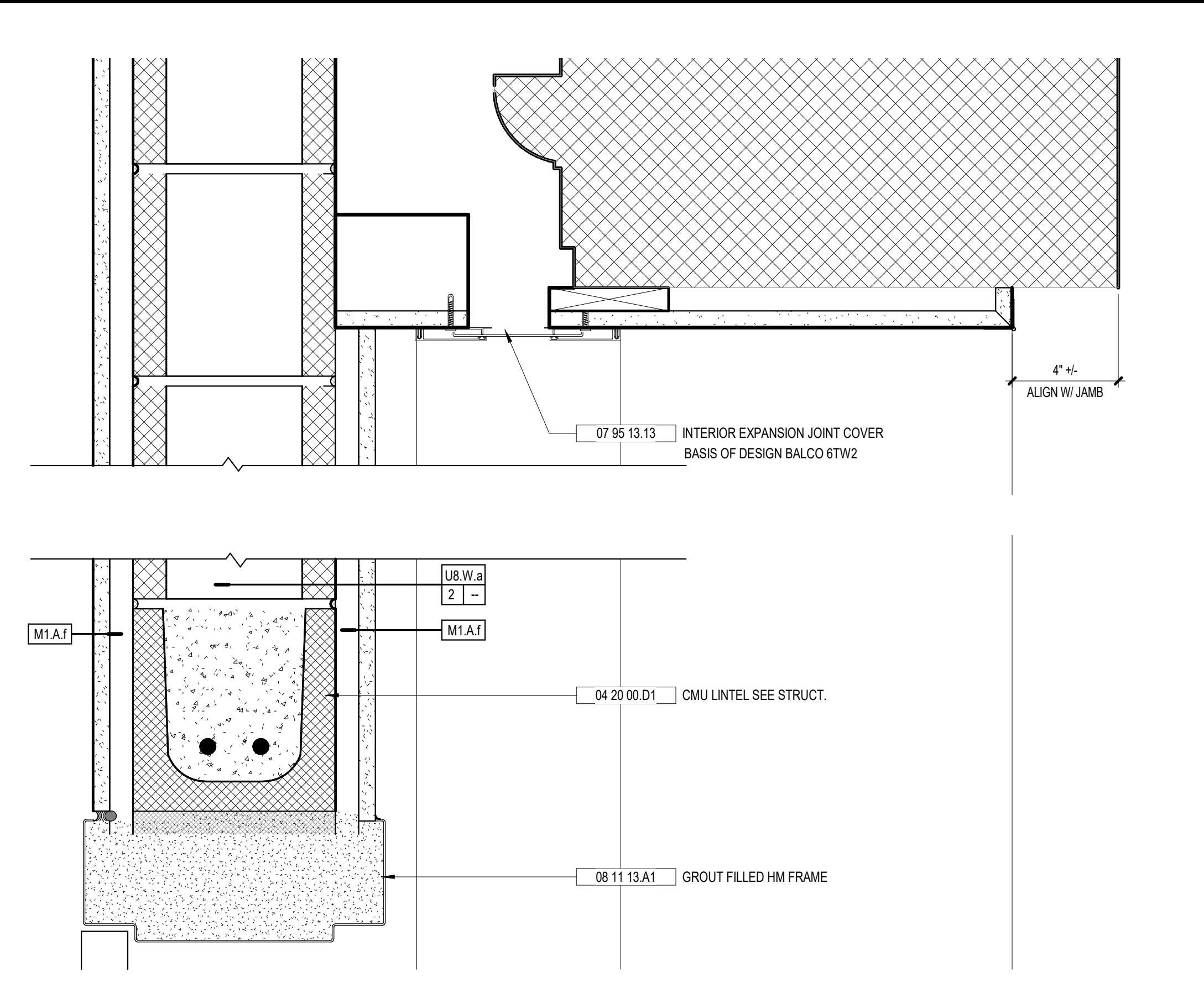
PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: EJM
SCALE: As indicated
SHEET: **A8.01**

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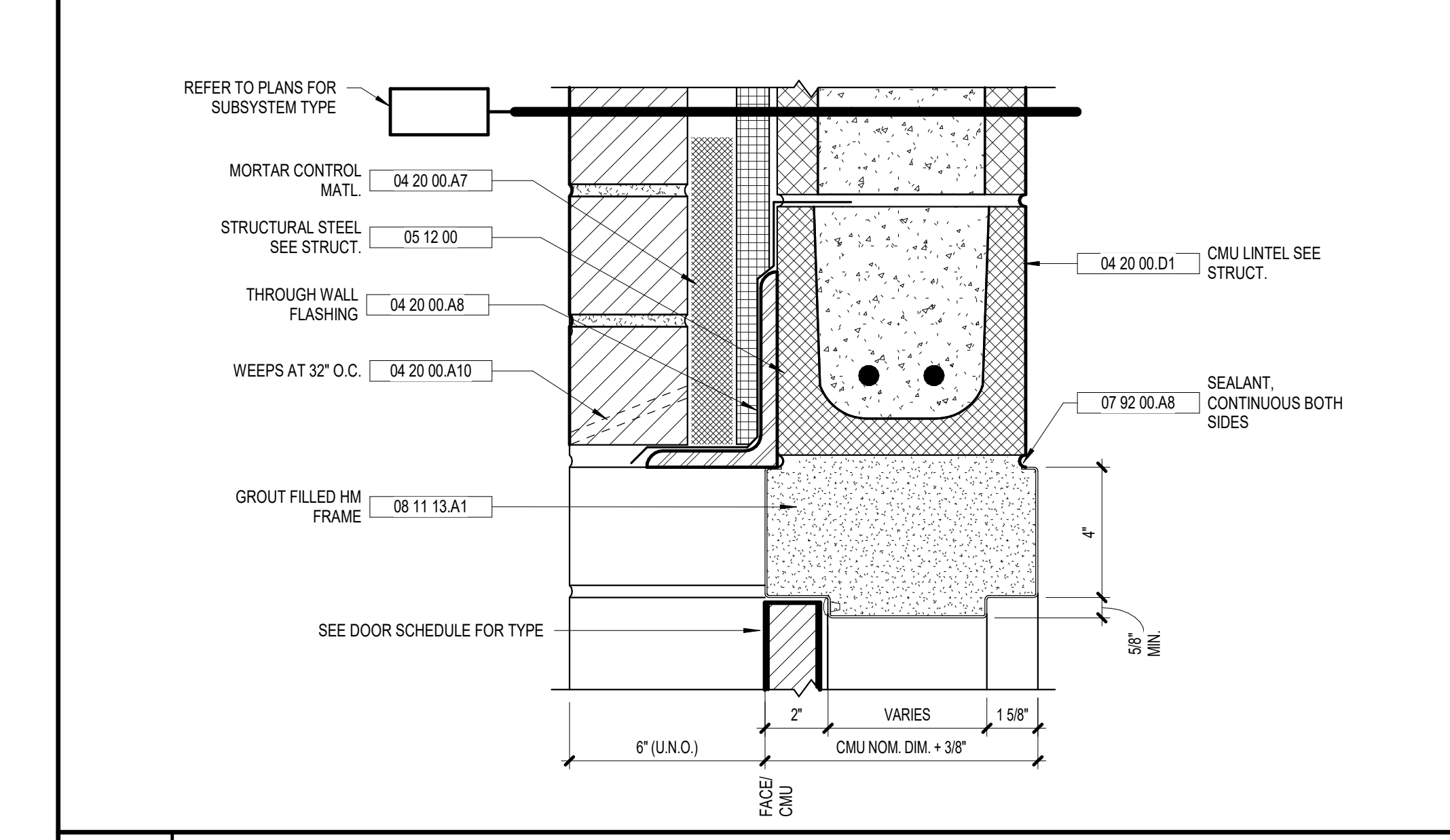
1 OH COILING GRILLE HEAD
A8.10 1 1/2" = 1'-0"

2 OH COILING GRILLE JAMB
A8.10 1 1/2" = 1'-0"

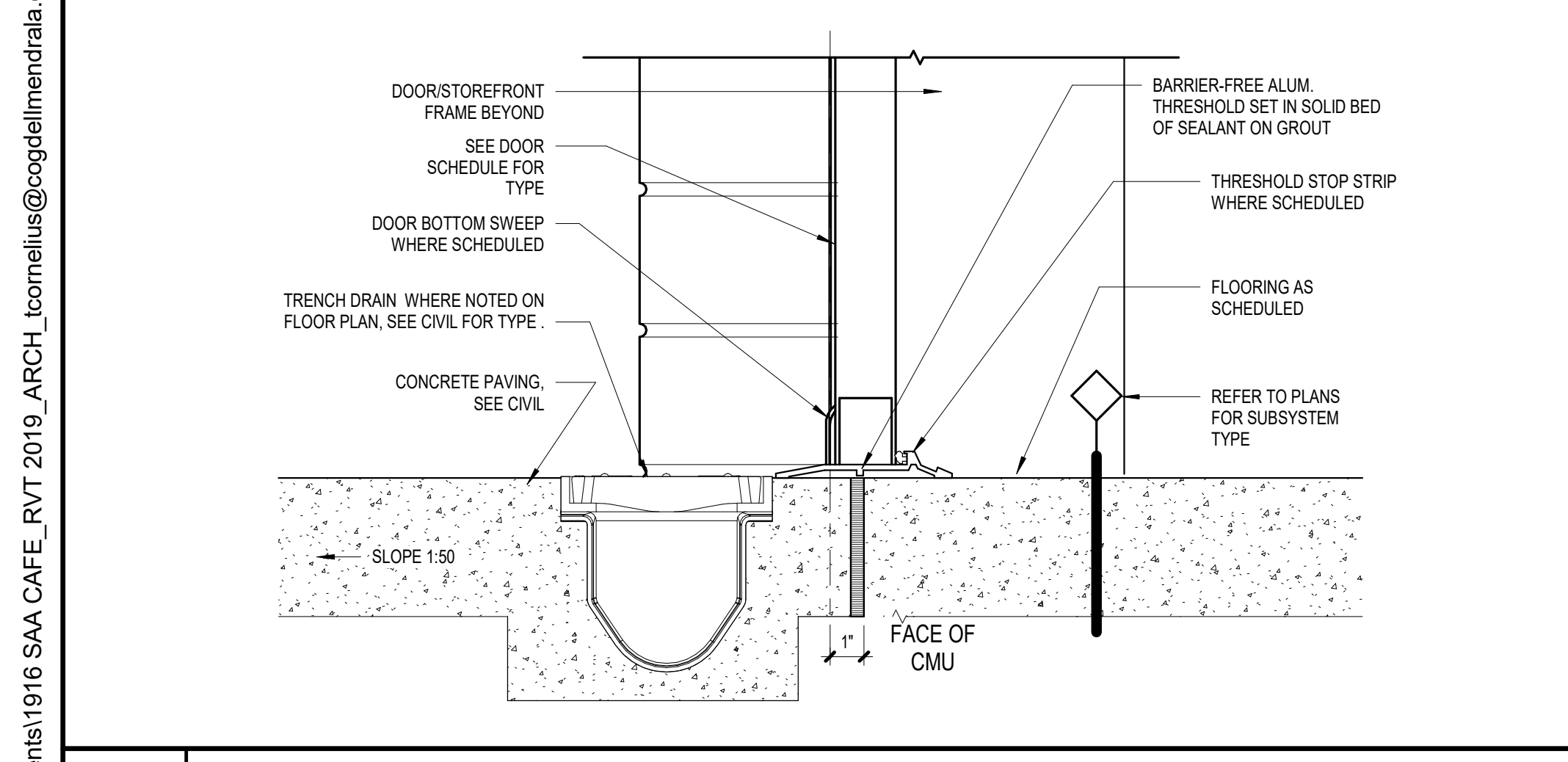


6 INT. HM DOOR HEAD @ EJ - BASE BID
A8.10 3" = 1'-0"

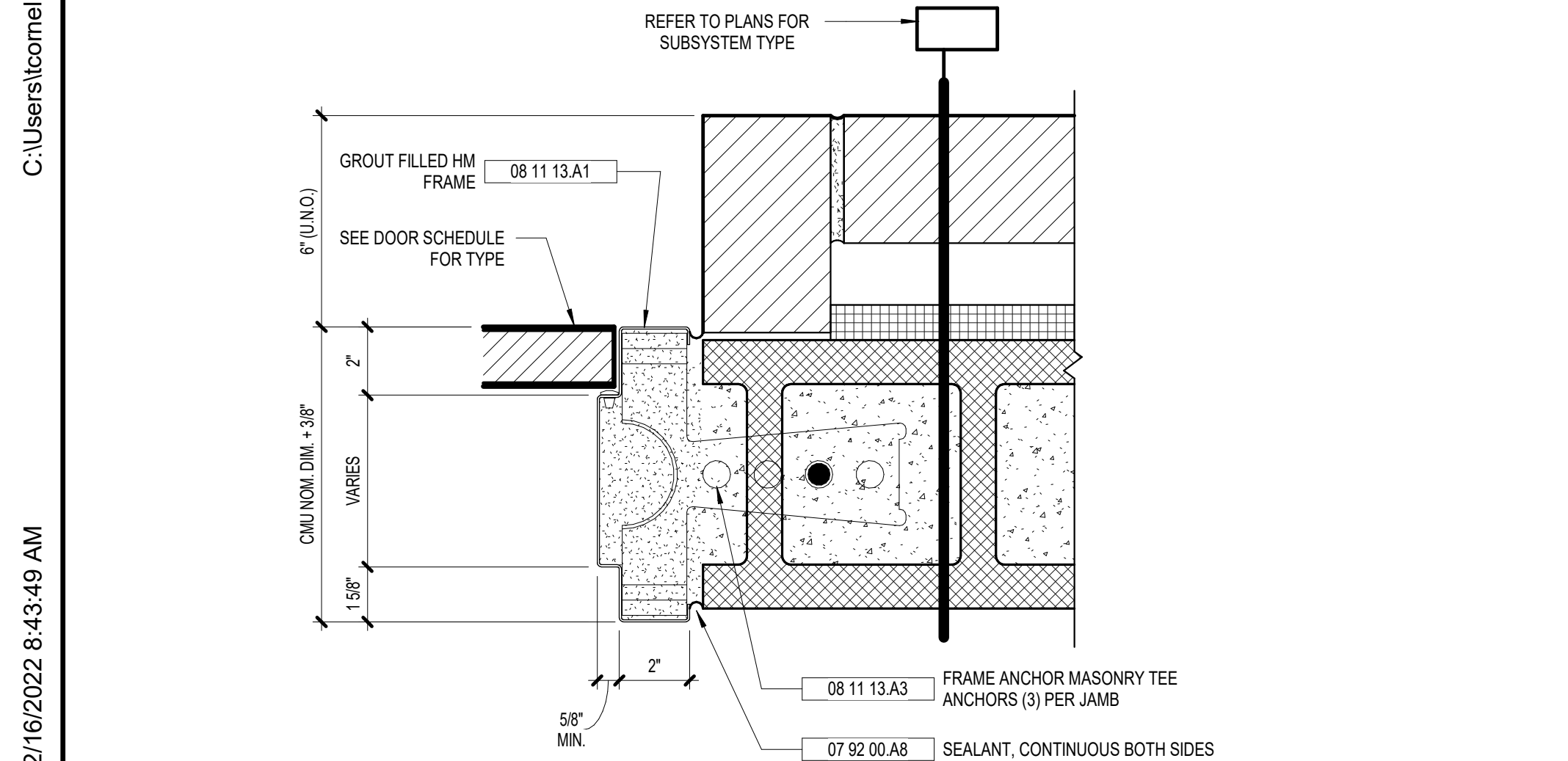
7 INT. HM DOOR JAMB @ EJ - BASE BID
A8.10 3" = 1'-0"



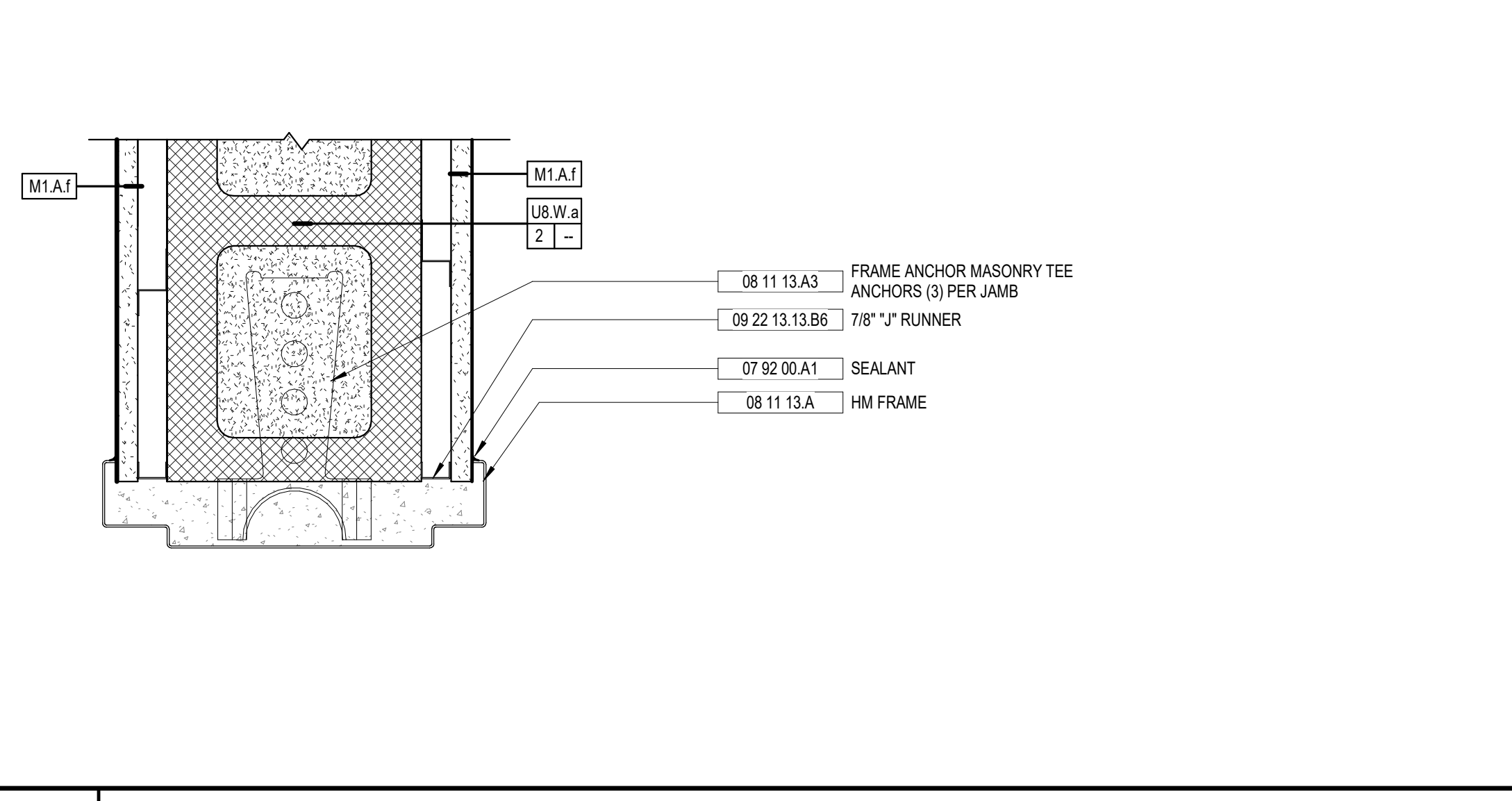
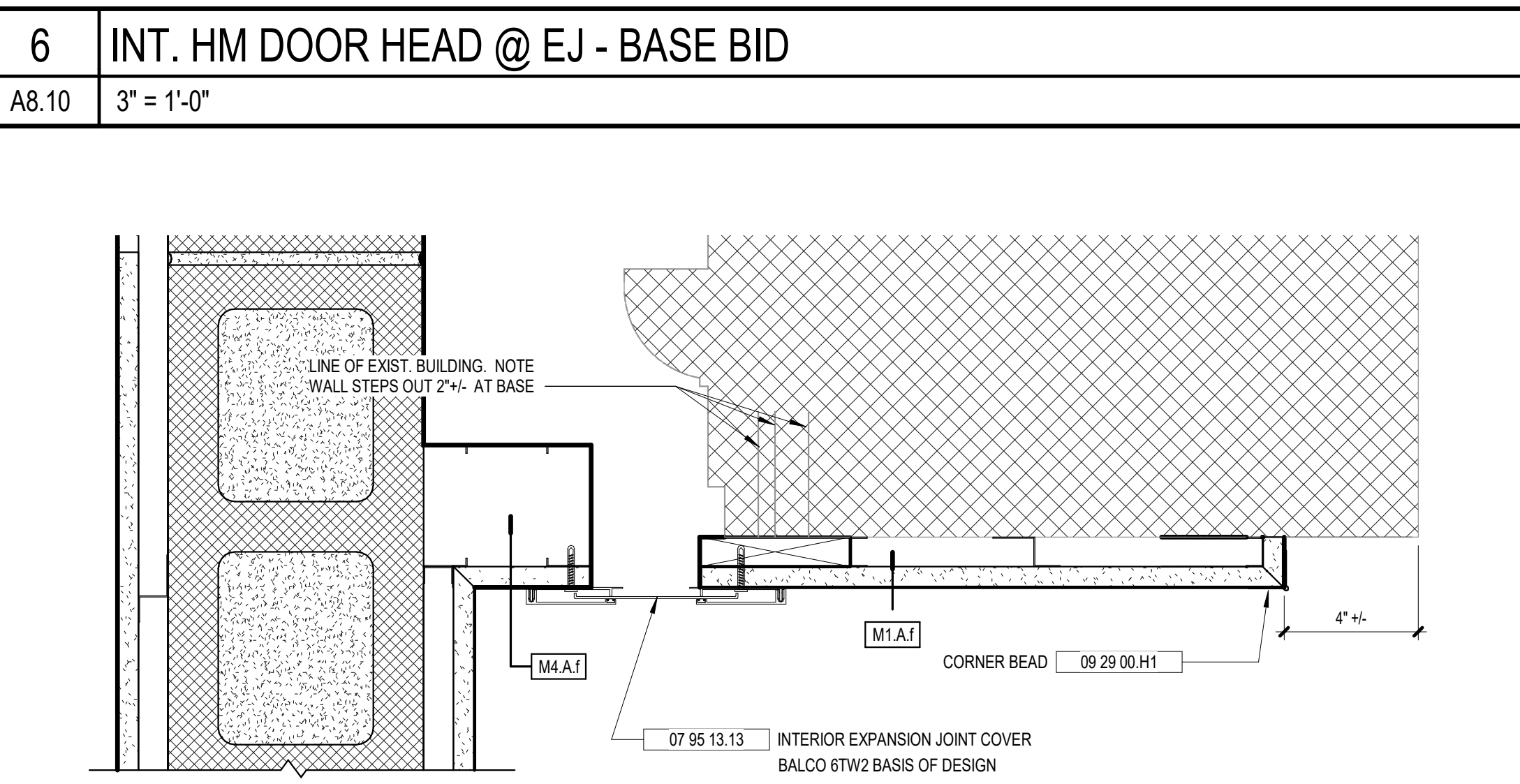
3 EXT. HM DOOR HEAD
A8.10 3" = 1'-0"



4 EXT. HM DOOR SILL
A8.10 3" = 1'-0"

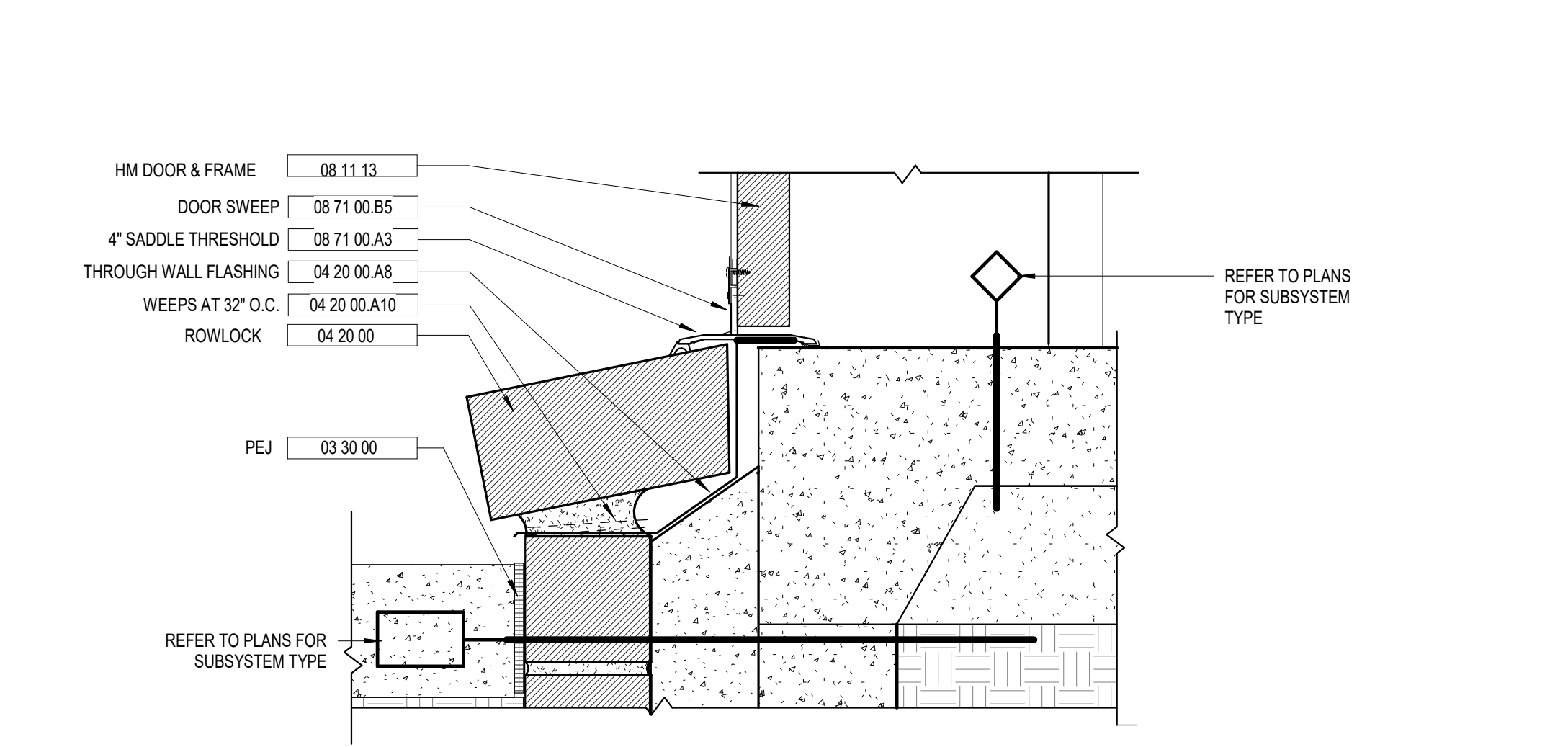


5 EXT. HM DOOR JAMB
A8.10 3" = 1'-0"

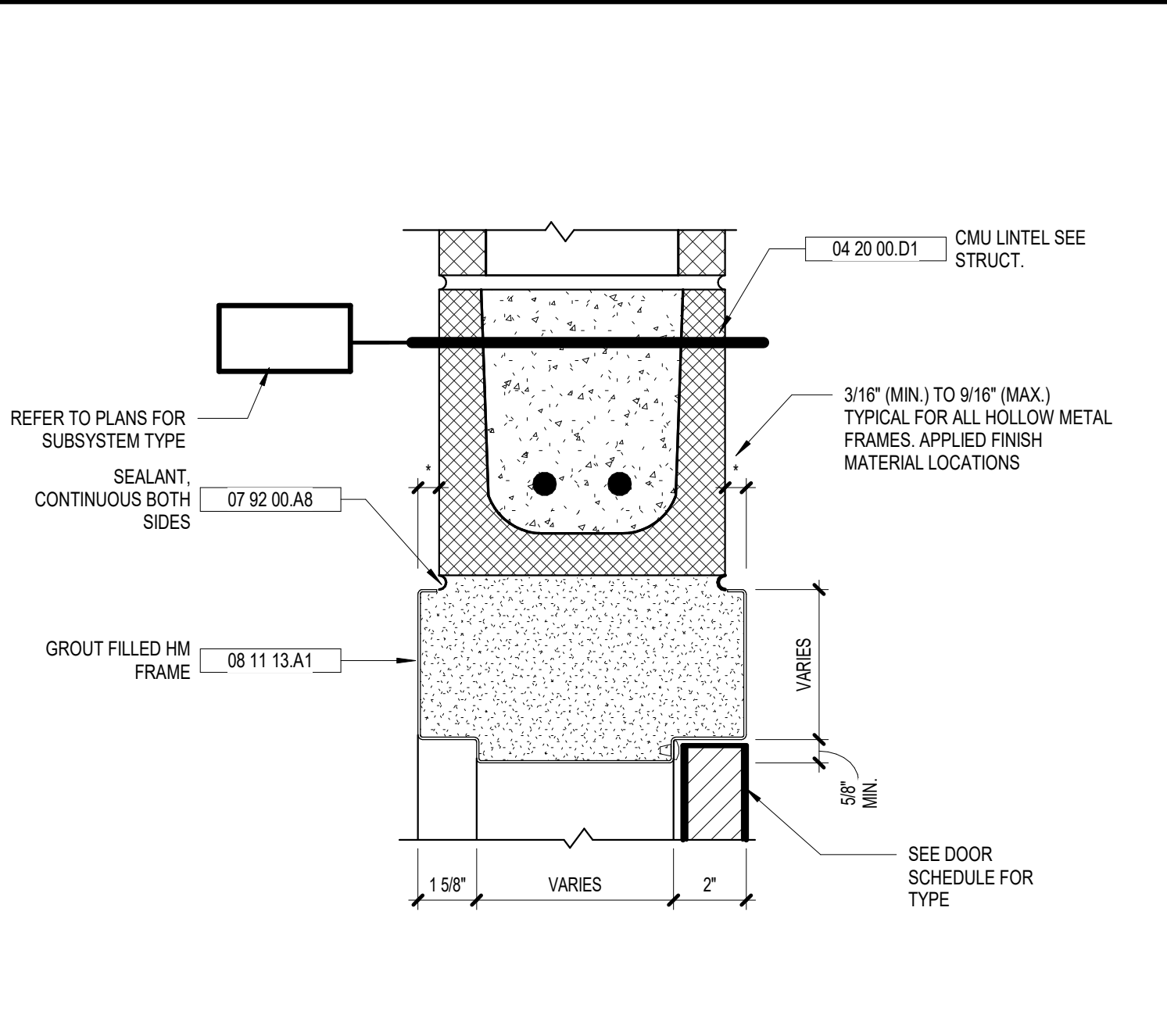


10 INT. HM DOOR JAMB
A8.10 3" = 1'-0"

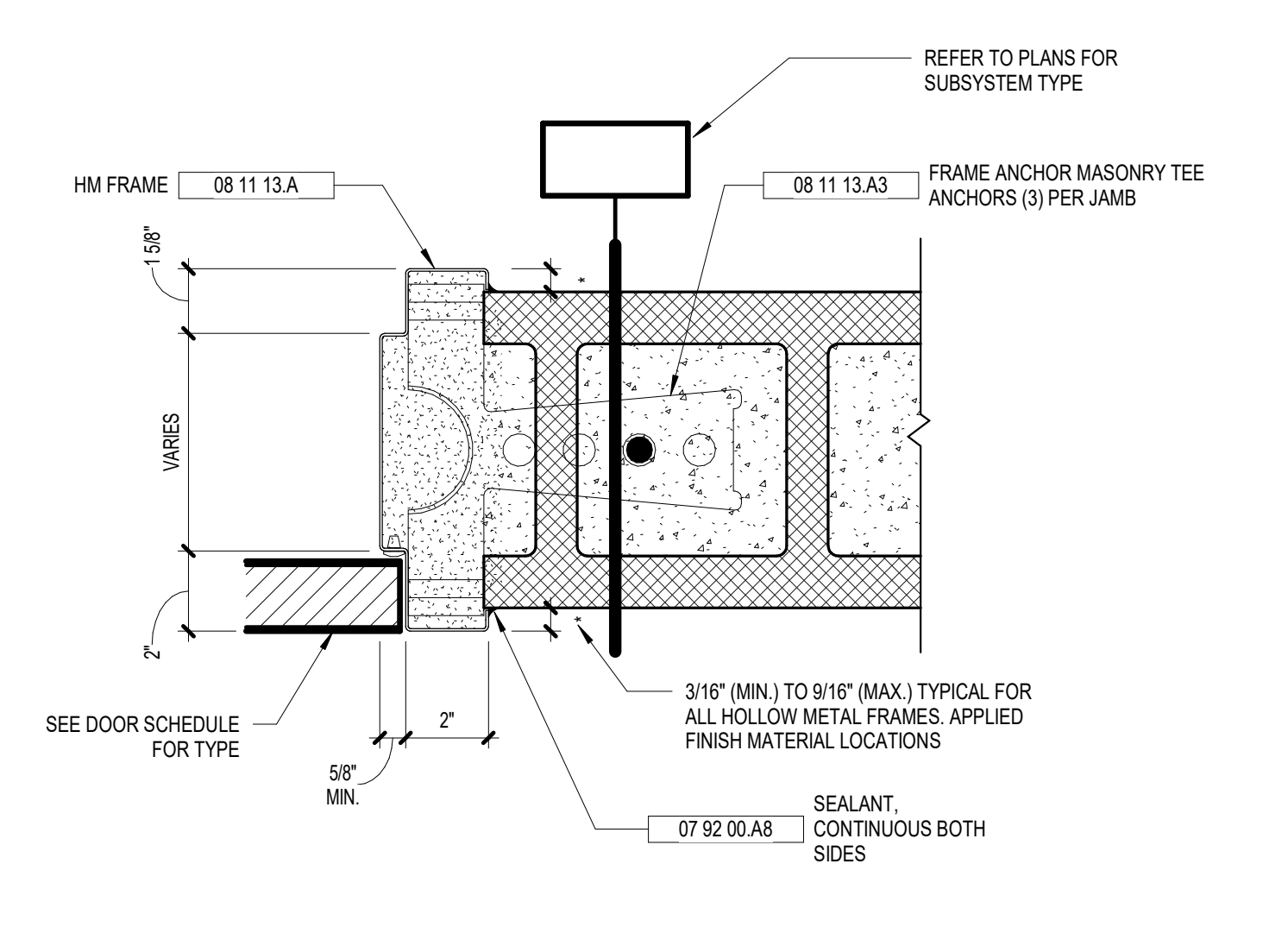
11 INT. HM WINDOW HEAD
A8.10 3" = 1'-0"



8 EXT. HM DOOR W/ BRICK SILL
A8.10 3" = 1'-0"



9 INT. HM DOOR HEAD
A8.10 3" = 1'-0"



12 INT. HM WINDOW JAMB/SILL
A8.10 3" = 1'-0"

KEYNOTE LEGEND - BY SHEET	
NO.	NOTE
04 20 00 A7	MORTAR CONTROL MATL.
04 20 00 A8	THROUGH WALL FLASHING
04 20 00 A10	WEEPS AT 32" O.C.
04 20 00 D1	CMU LINTEL SEE STRUCT.
05 12 00	STRUCTURAL STEEL SEE STRUCT.
07 92 00 A1	SEALANT
07 92 00 A8	SEALANT, CONTINUOUS BOTH SIDES
07 95 13 13	INTERIOR EXPANSION JOINT COVER
08 11 13 A	HM FRAME
08 11 13 A1	GROUT FILLED HM FRAME
08 11 13 A3	FRAME ANCHOR MASONRY TEE ANCHORS (3) PER JAMB
08 11 13 A4	GLASS STOP
08 71 00 A3	4" SADDLE THRESHOLD
08 71 00 B5	DOOR SWEEP
08 80 00	GLAZING
08 22 13 B6	7/8" J RUNNER
09 29 00 H1	CORNER BEAD
09 51 13 A	APC 2 X 2
12 21 13 B	HORIZONTAL LOUVER BLINDS (HLB)

GENERAL DOOR NOTES

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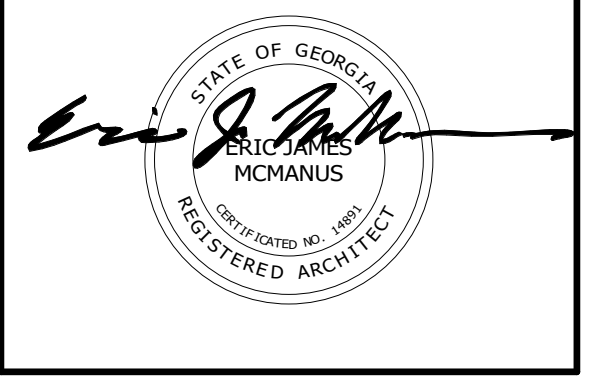
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SAVANNAH, GEORGIA 31405

GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FUNDING: 1000 LOCAL EFFORT
BID NO#: C22-01

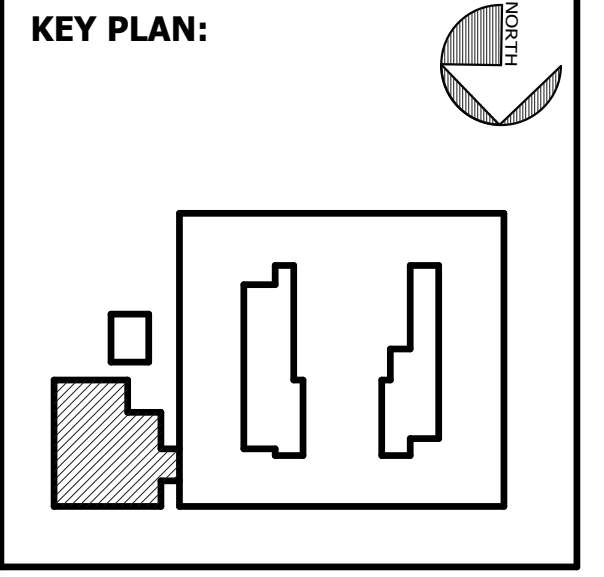
Cogdell Mendrala Architects
COGDELL & MENDRALA ARCHITECTS, PC
517 EAST CONGRESS STREET
SAVANNAH, GEORGIA 31401
tel 912.236.6318
fax 912.236.8414
cogdelmendra.com



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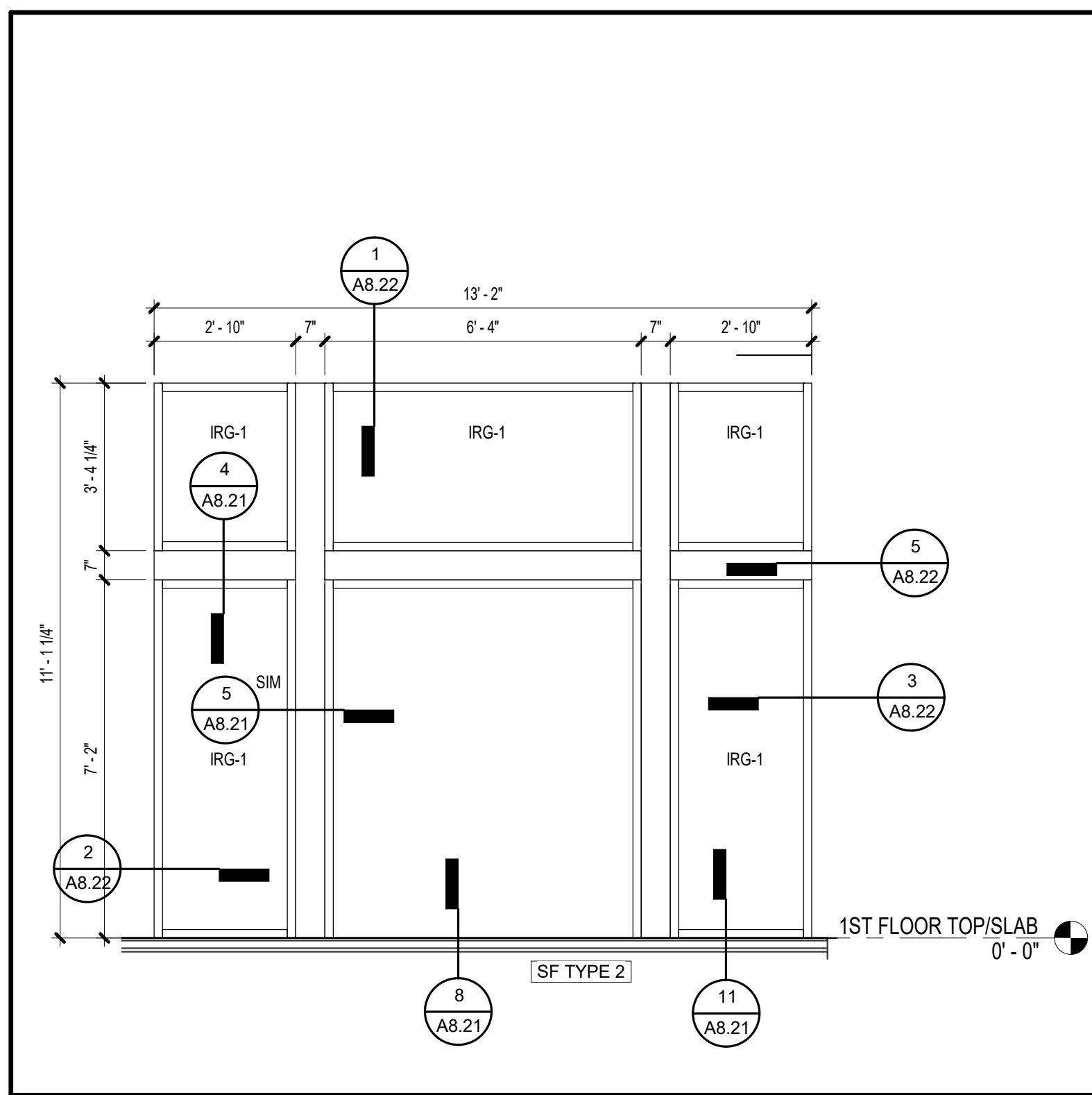
SHEET TITLE:
HM DOOR DETAILS

REVISION SCHEDULE	
DATE	DESCRIPTION

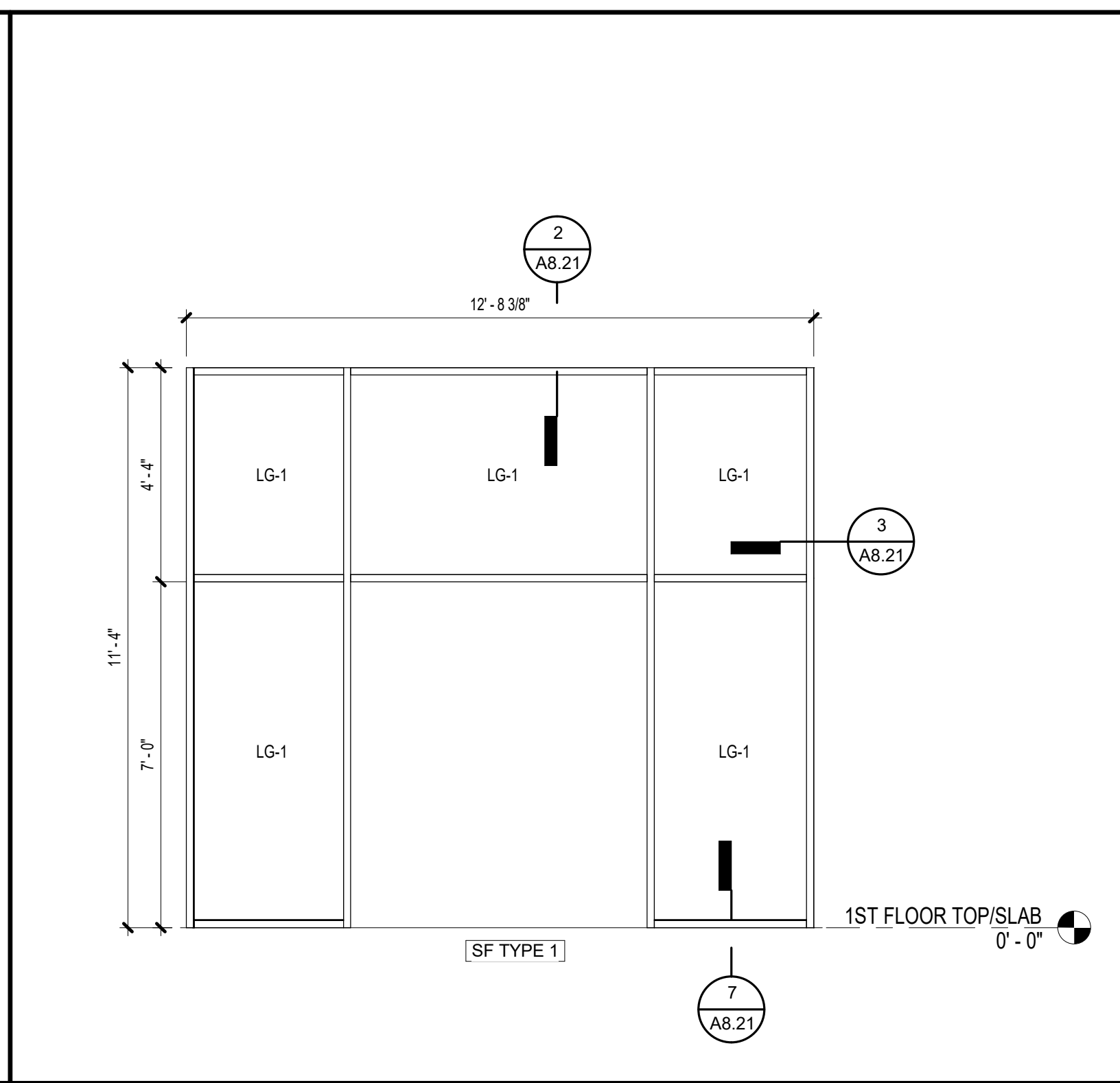
PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: TLC
SCALE: As indicated
SHEET: **A8.10**

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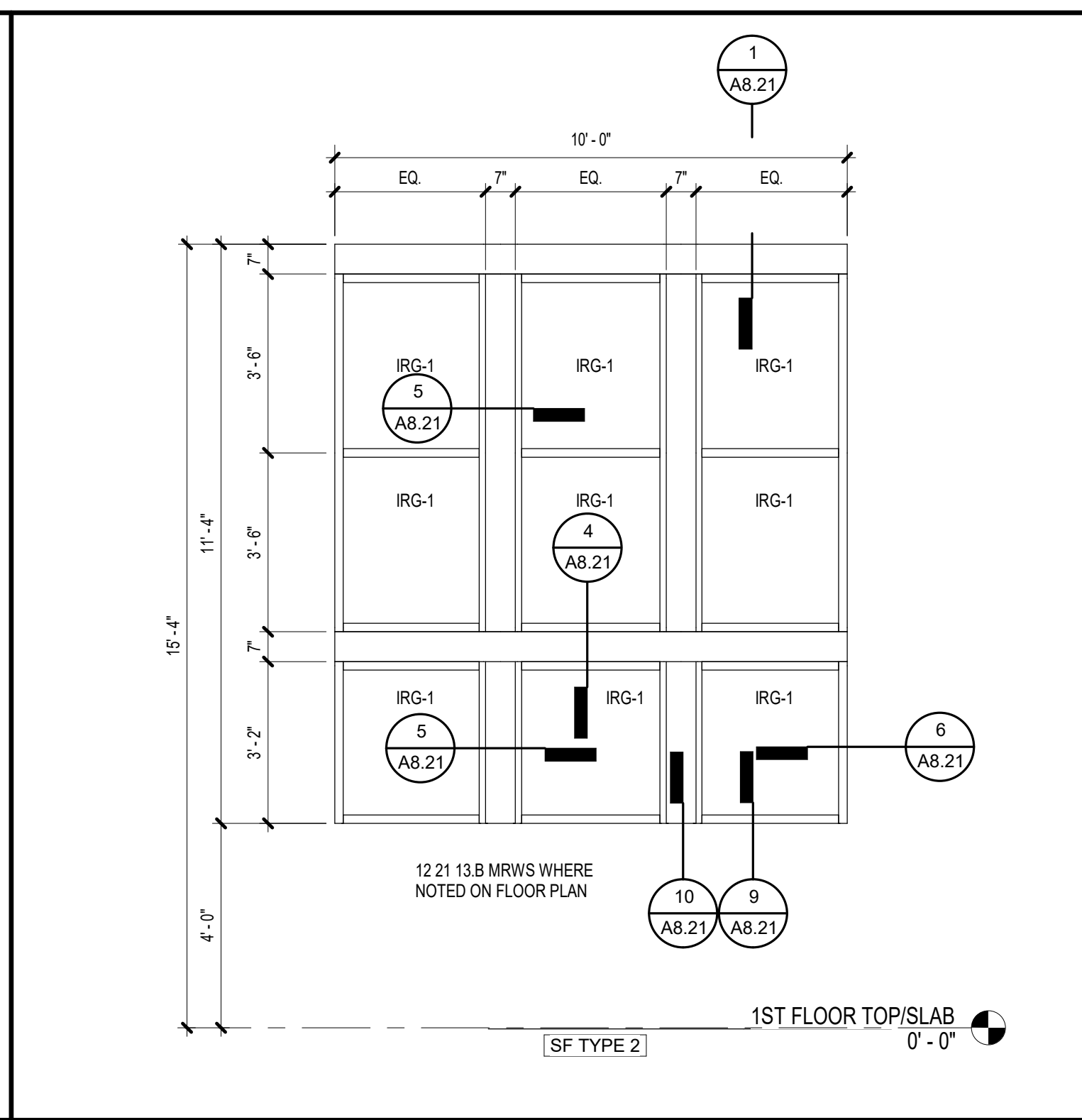
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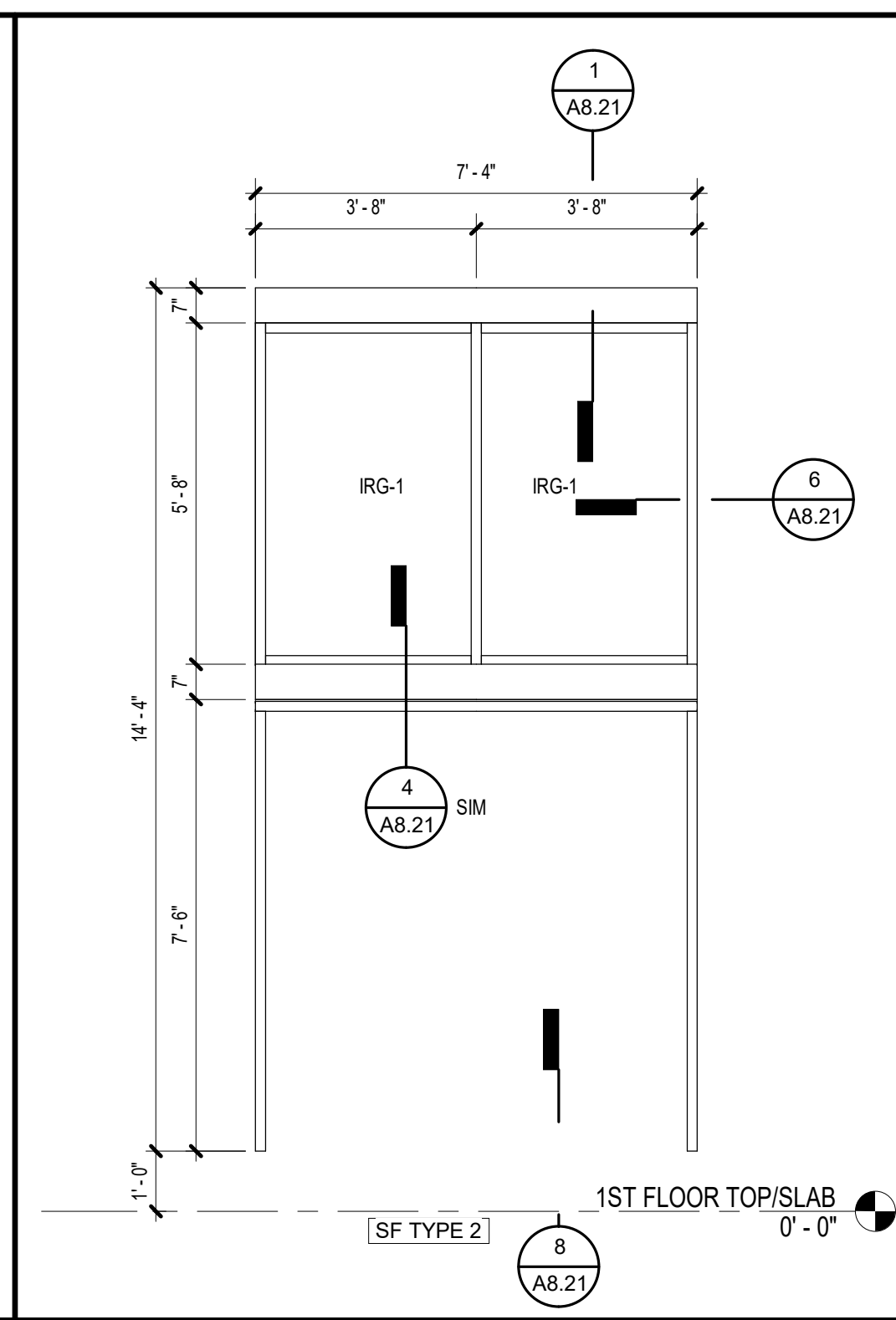
SF1 SF AT VESTIBULE
A8.11 3/8" = 1'-0"



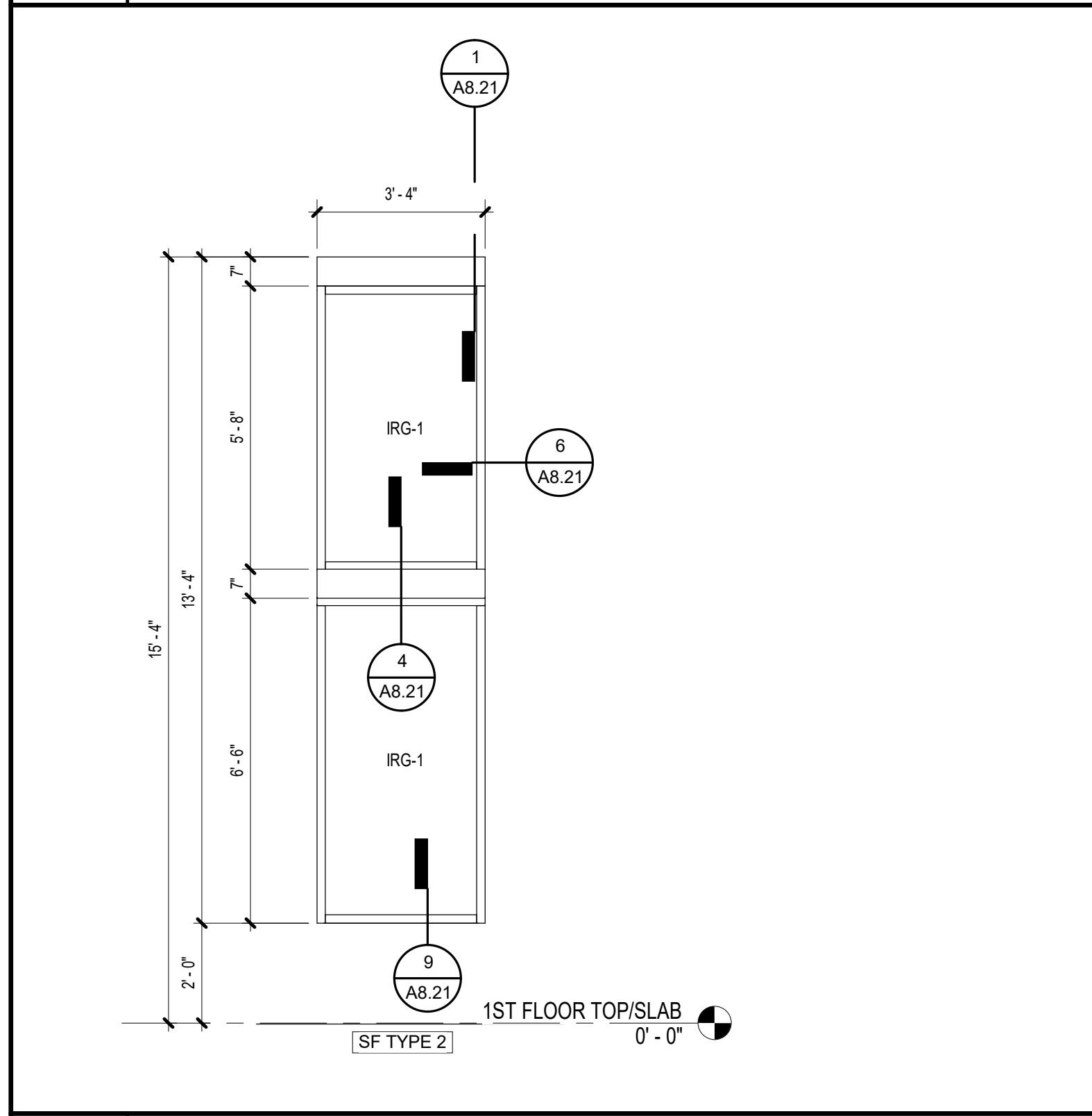
SF2 STOREFRONT AT CAFETERIA ENTRANCE
A8.11 3/8" = 1'-0"



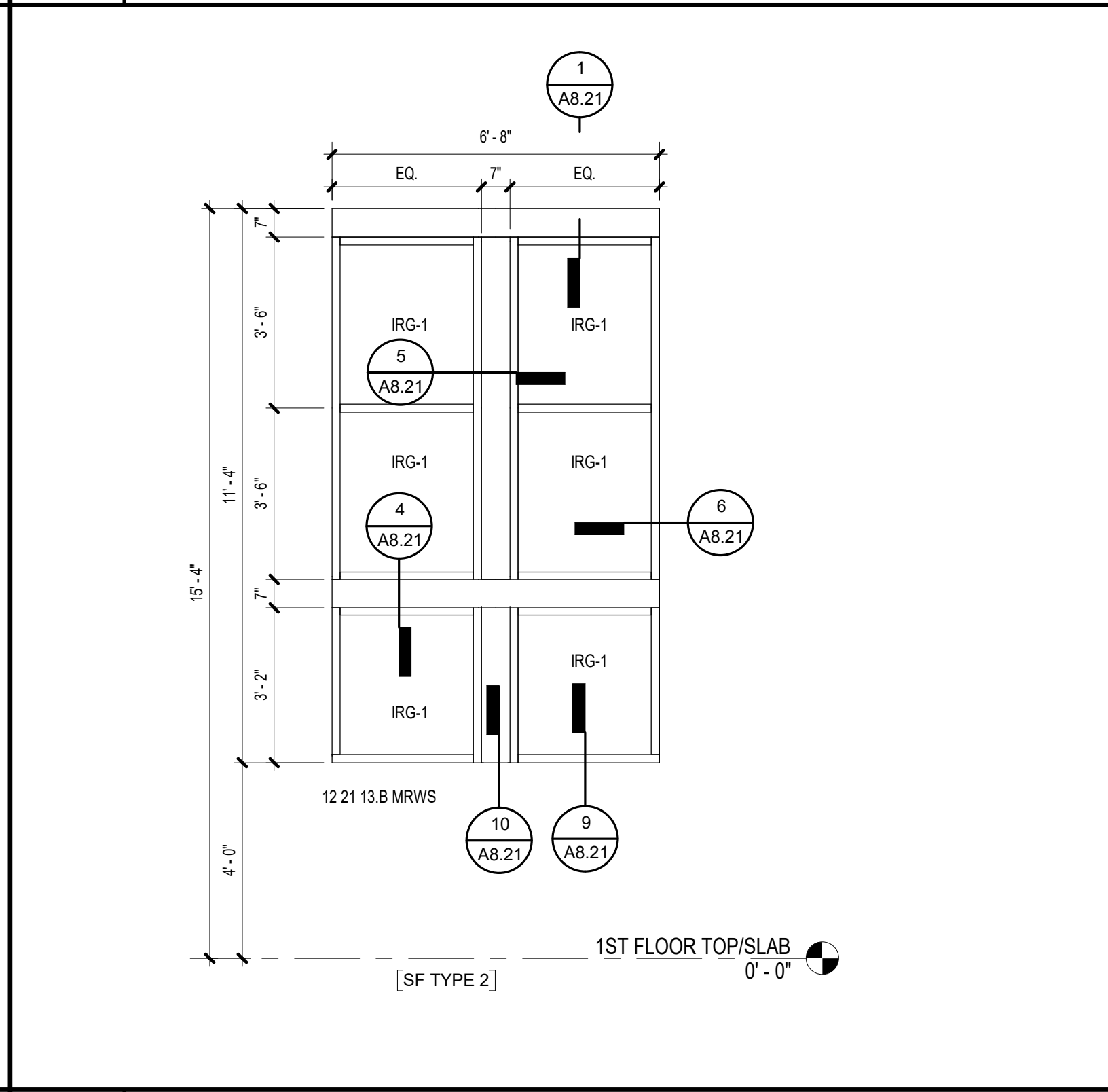
SF3 TRIPLE WINDOW
A8.11 3/8" = 1'-0"



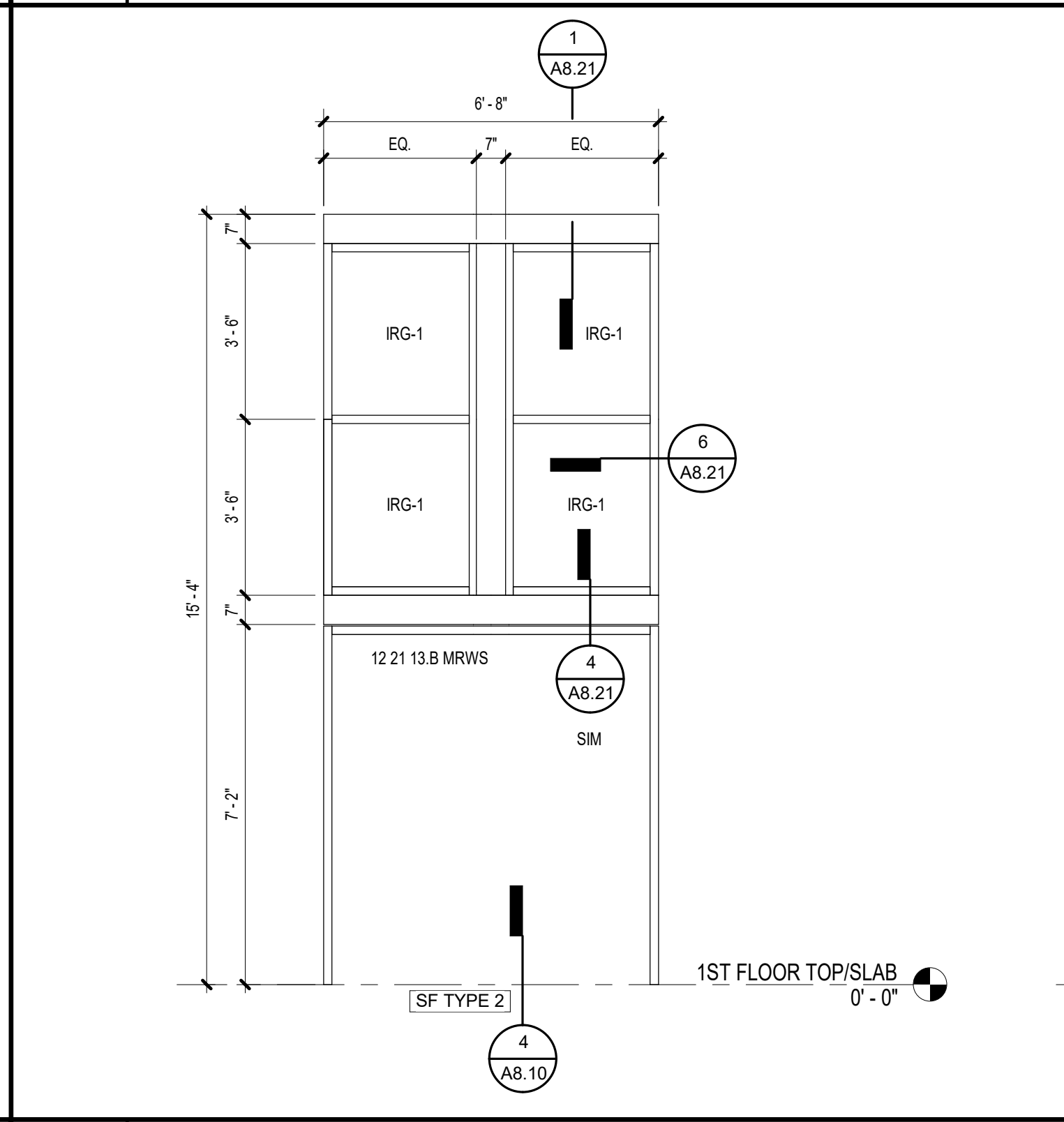
SF4 NORTH - DOUBLE DOOR
A8.11 3/8" = 1'-0"



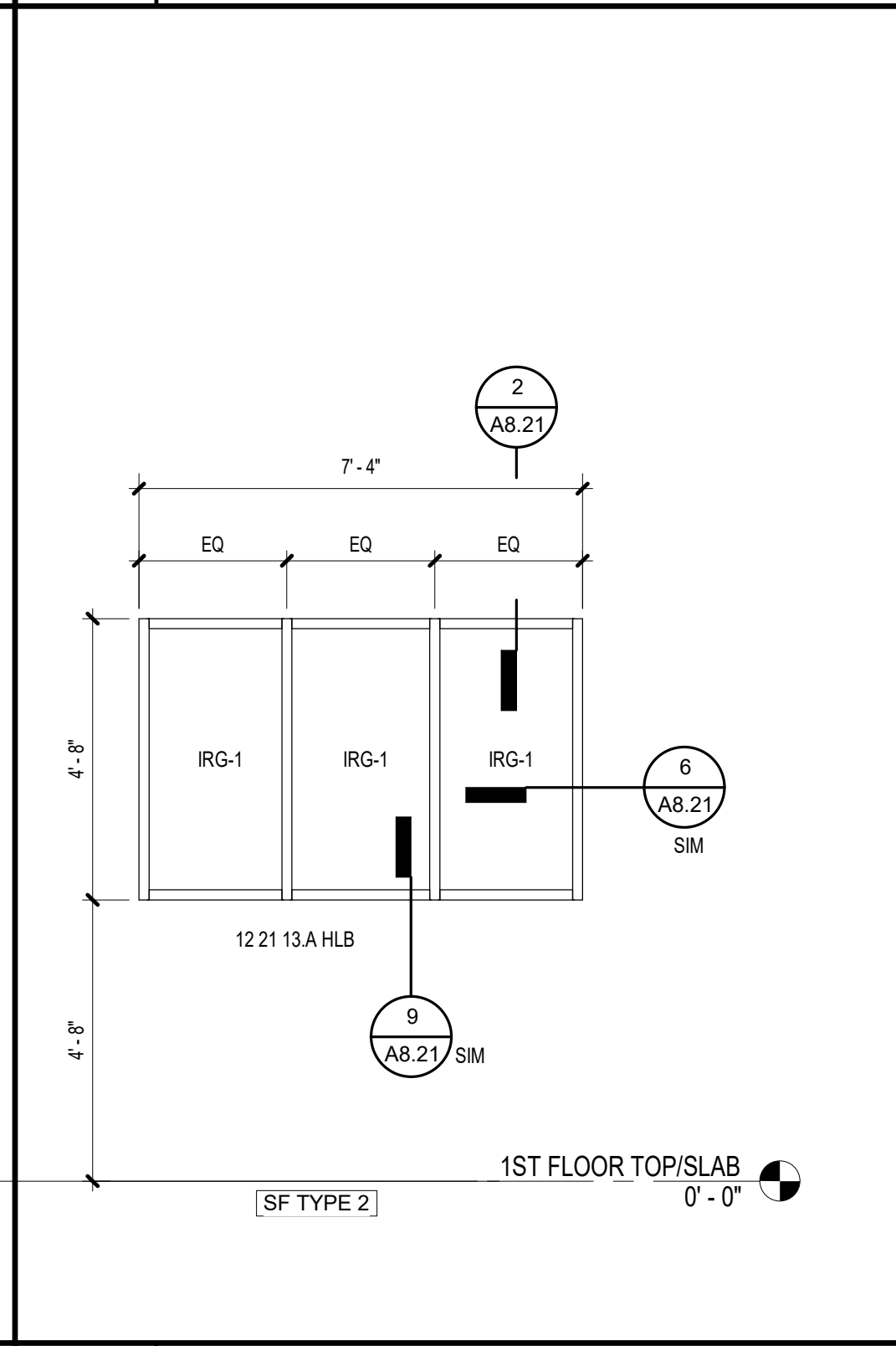
SF5 SINGLE WINDOW
A8.11 3/8" = 1'-0"



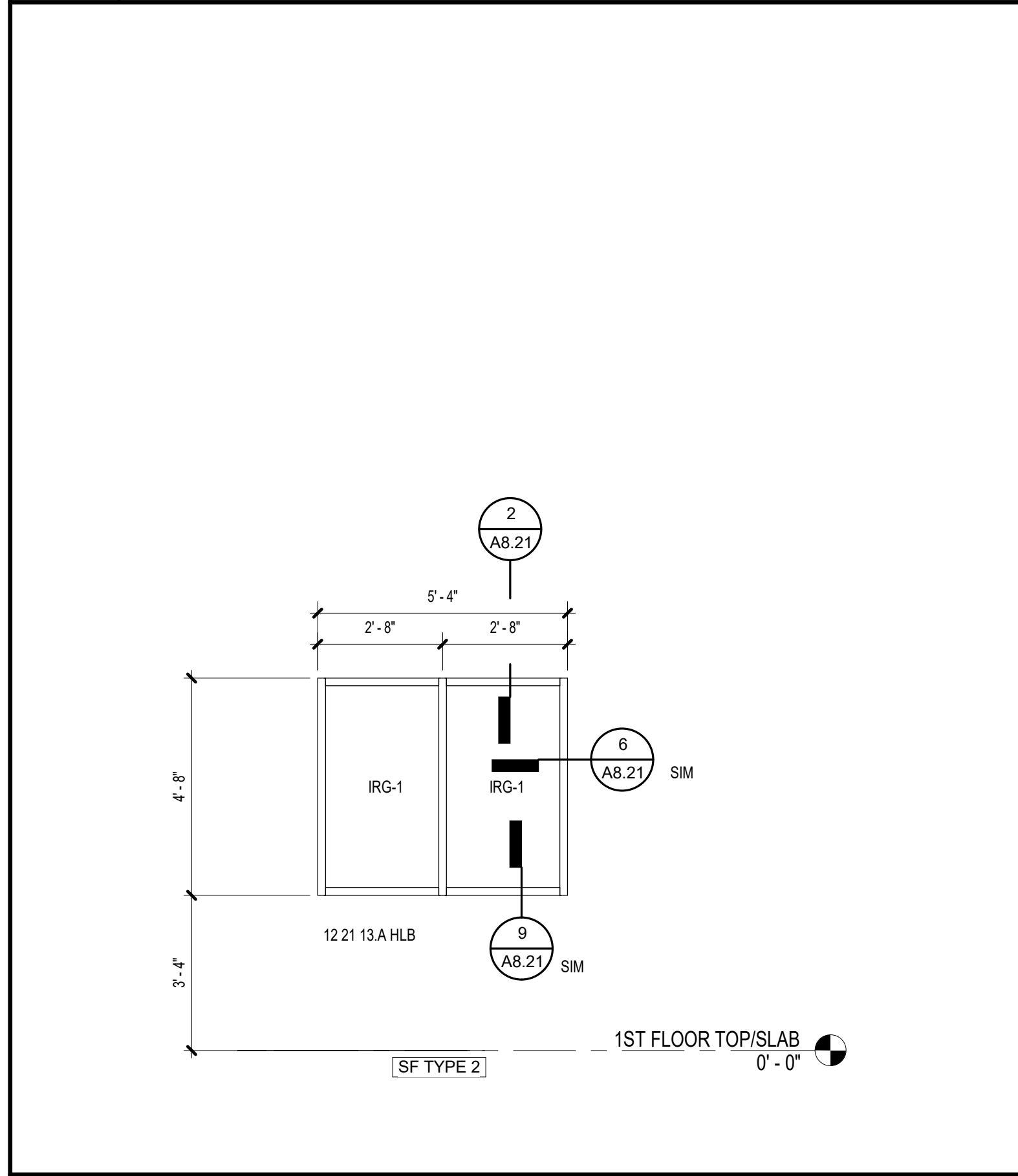
SF6 DOUBLE WINDOW
A8.11 3/8" = 1'-0"



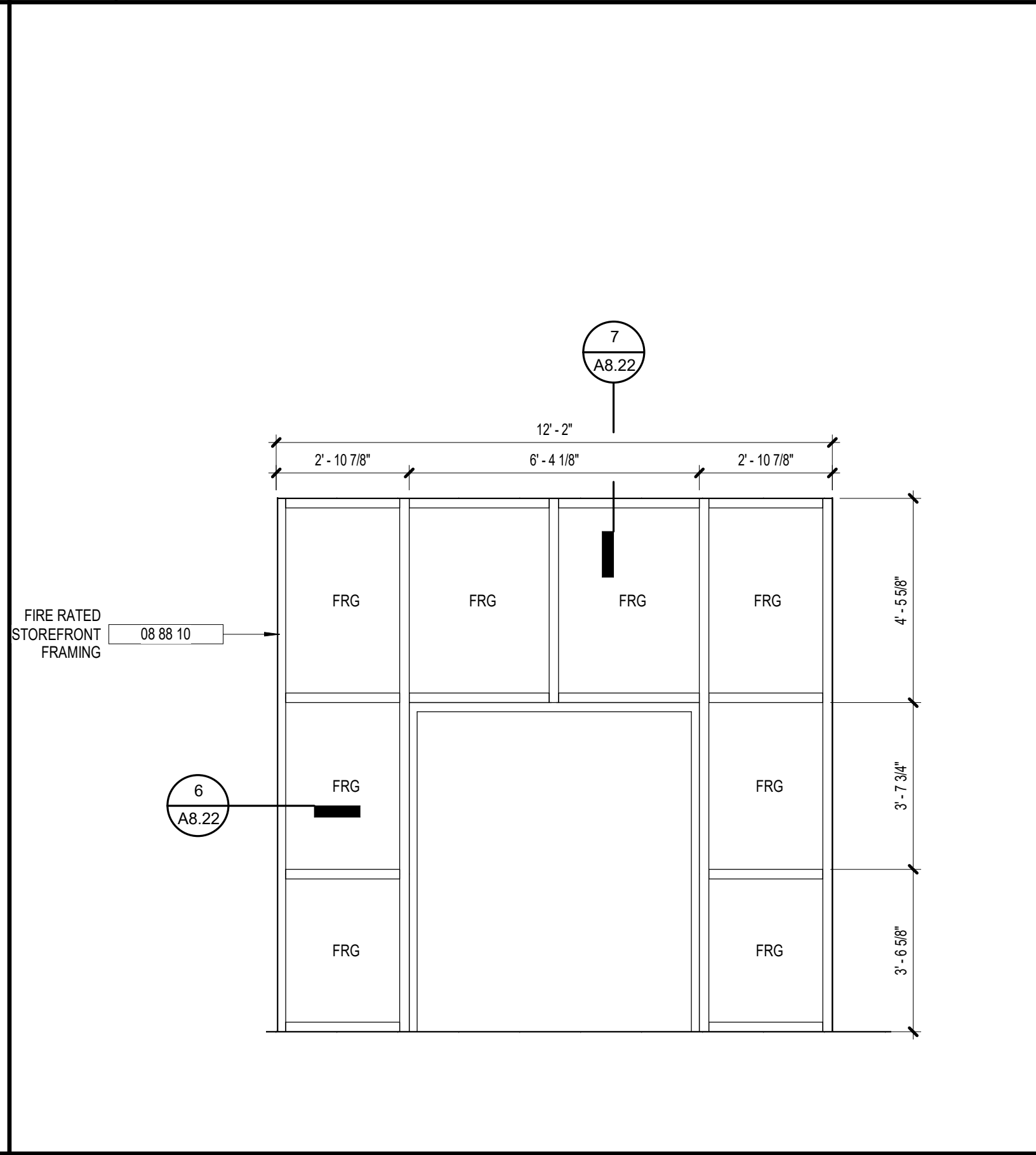
SF7 EAST - DOUBLE DOOR
A8.11 3/8" = 1'-0"



SF8 EAST - KITCHEN WINDOW
A8.11 3/8" = 1'-0"



SF9 SOUTH - KITCHEN WINDOW
A8.11 3/8" = 1'-0"



SF10 RATED SF AT ADD ALTERNATE
A8.11 3/8" = 1'-0"

KEYNOTE LEGEND - BY SHEET

NO.	NOTE
08 41 13 A	SF TYPE 1
08 41 13 B	SF TYPE 2
08 88 10	FIRE RATED STOREFRONT FRAMING

GLAZING LEGEND

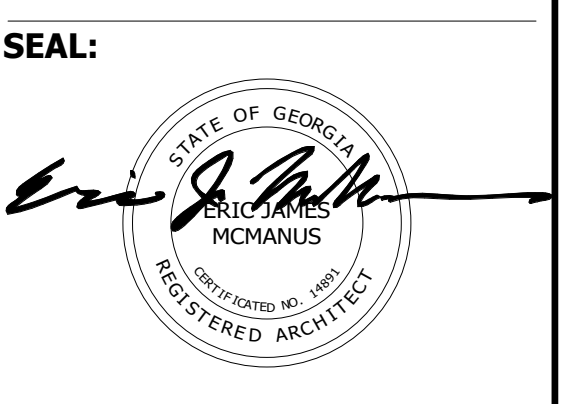
TFG	08 80 00 CLEAR FULLY TEMPERED FLOAT GLASS
LG-1	08 80 00 CLEAR LAMINATED FULLY TEMPERED FLOAT GLASS
IRG-1	08 80 00 TEMPERED, LOW-E COATED CLEAR INSULATING GLASS
FRG	08 88 13 FIRE RESISTANT GLASS

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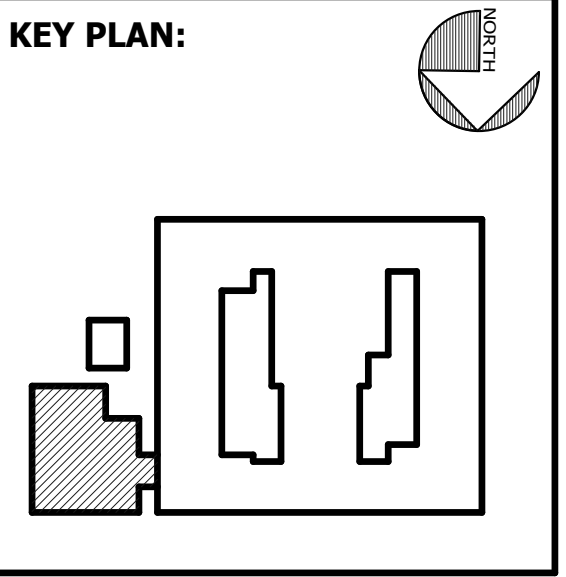
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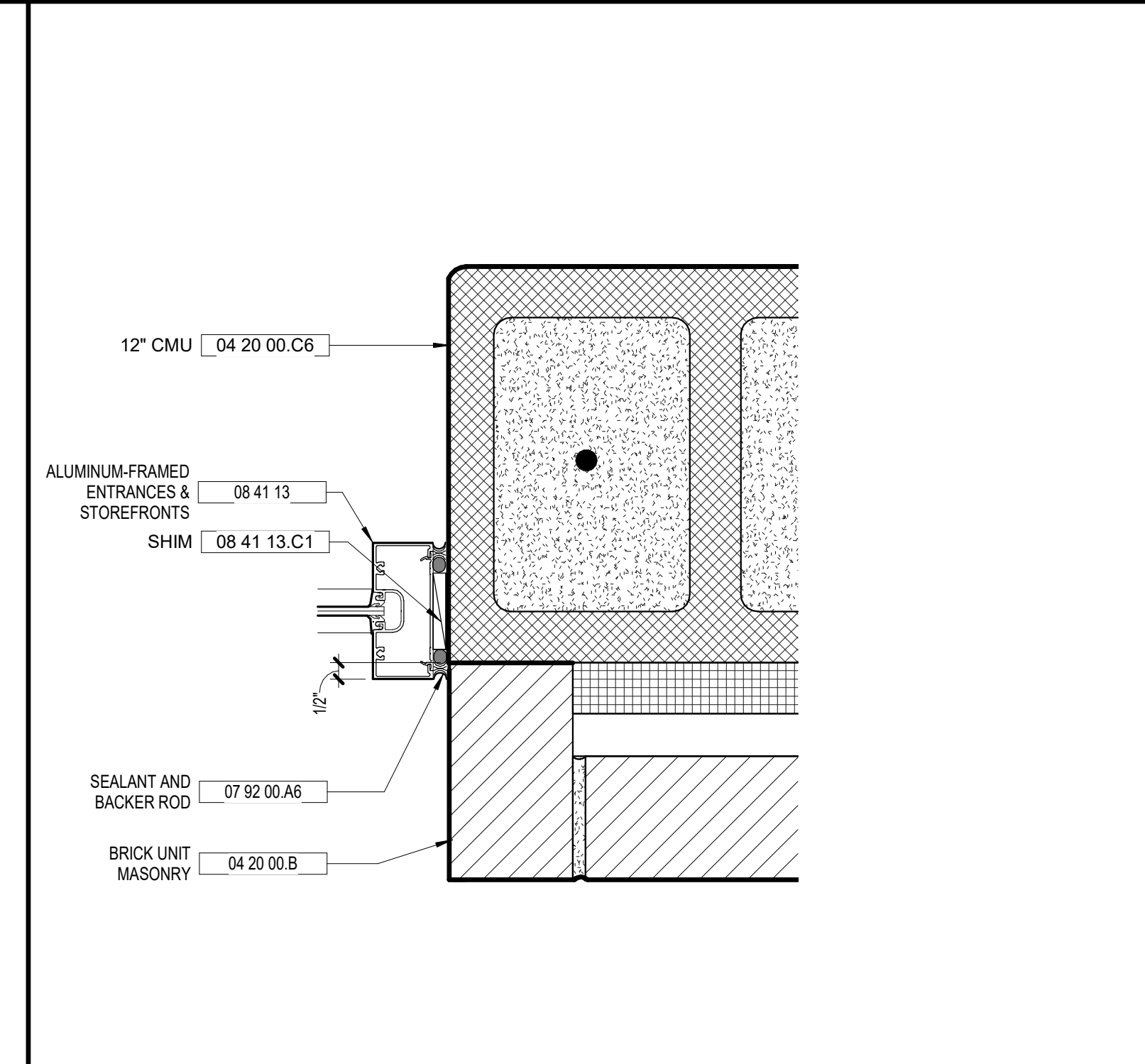
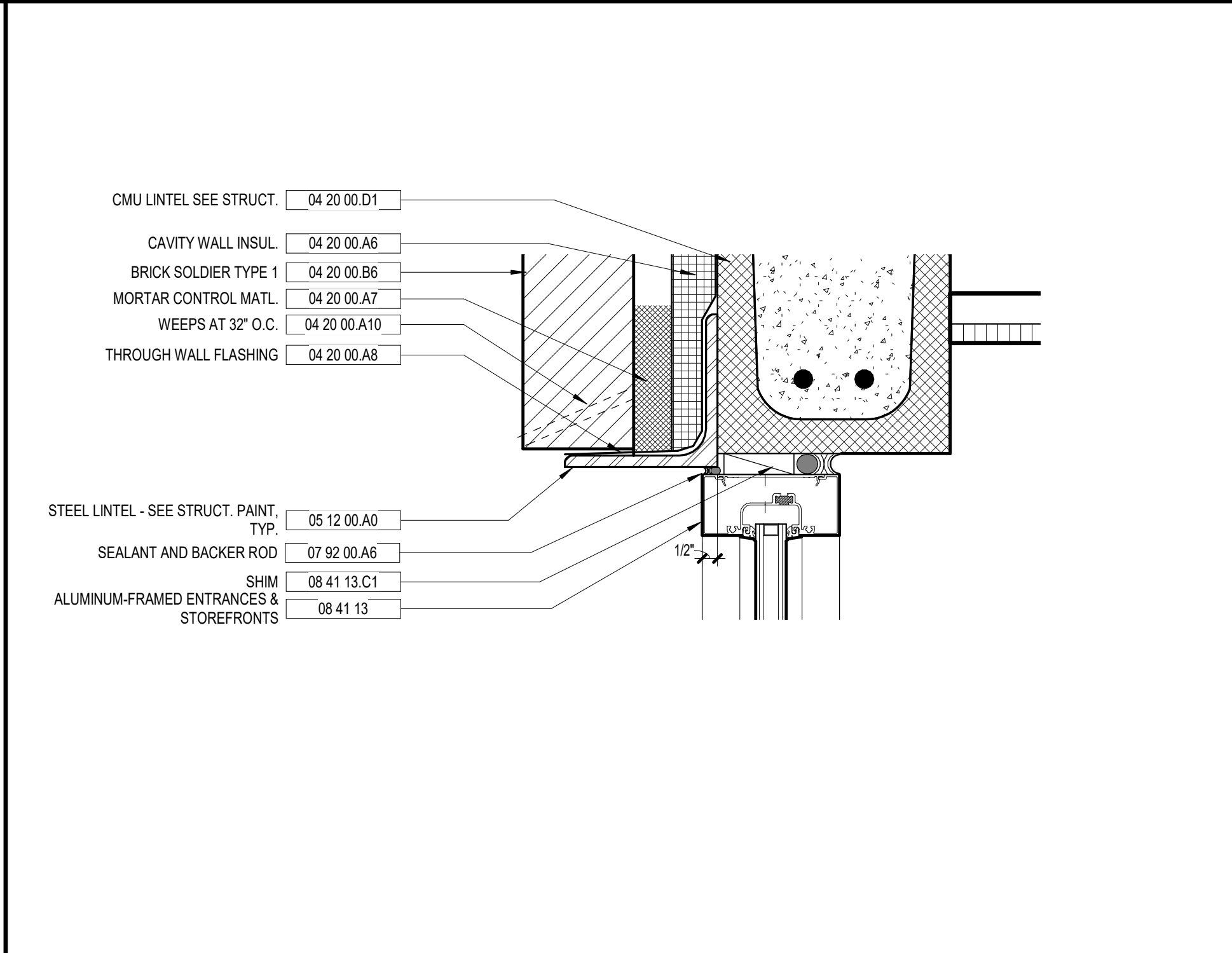
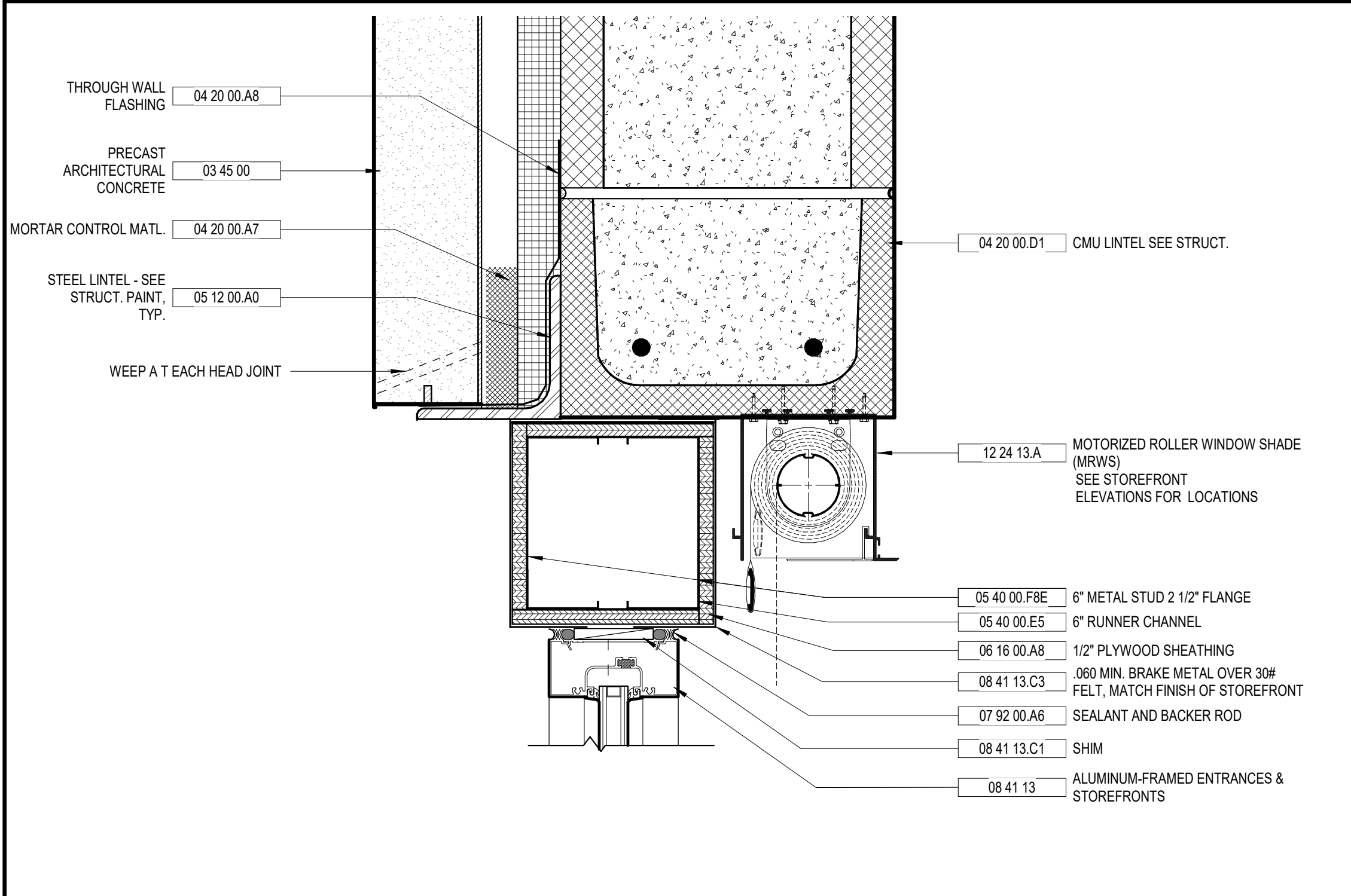


SHEET TITLE:
STOREFRONT ELEVATIONS

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: TLC
SCALE: As indicated
SHEET: **A8.11**

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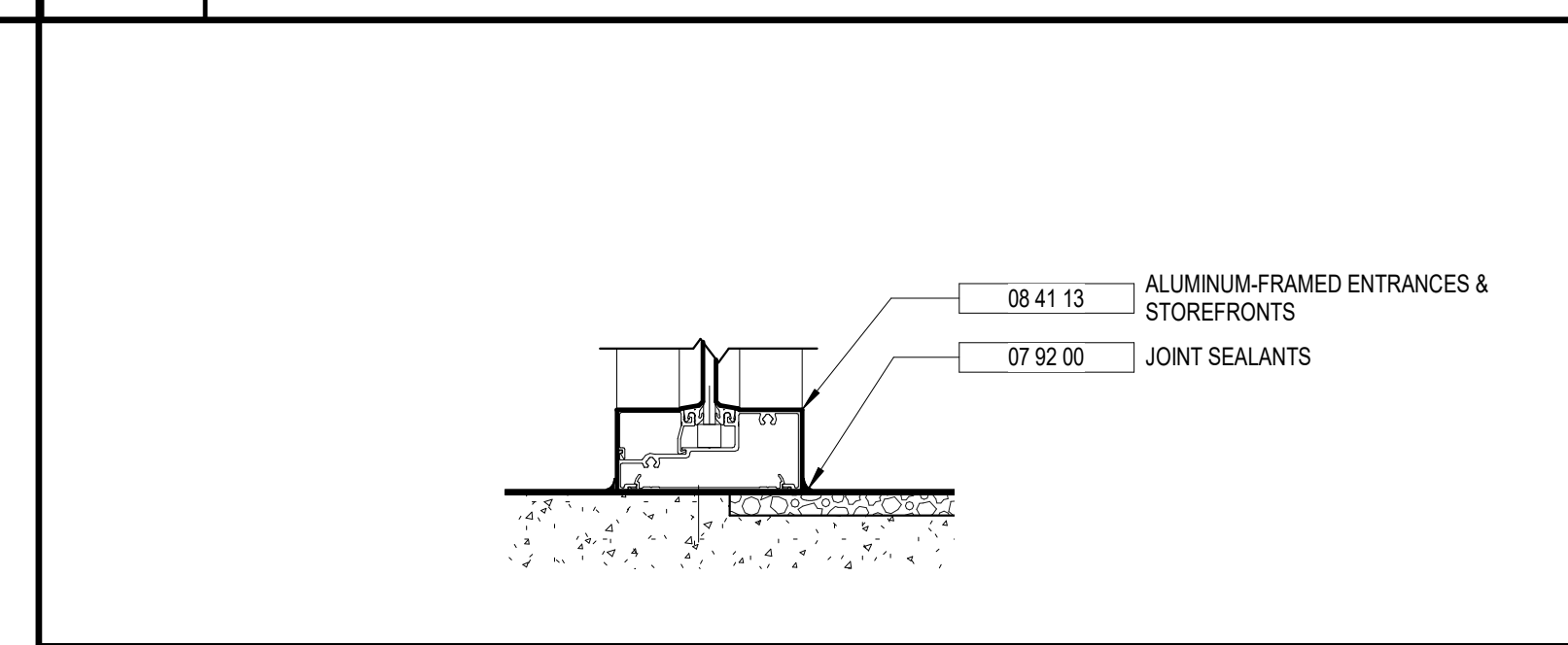
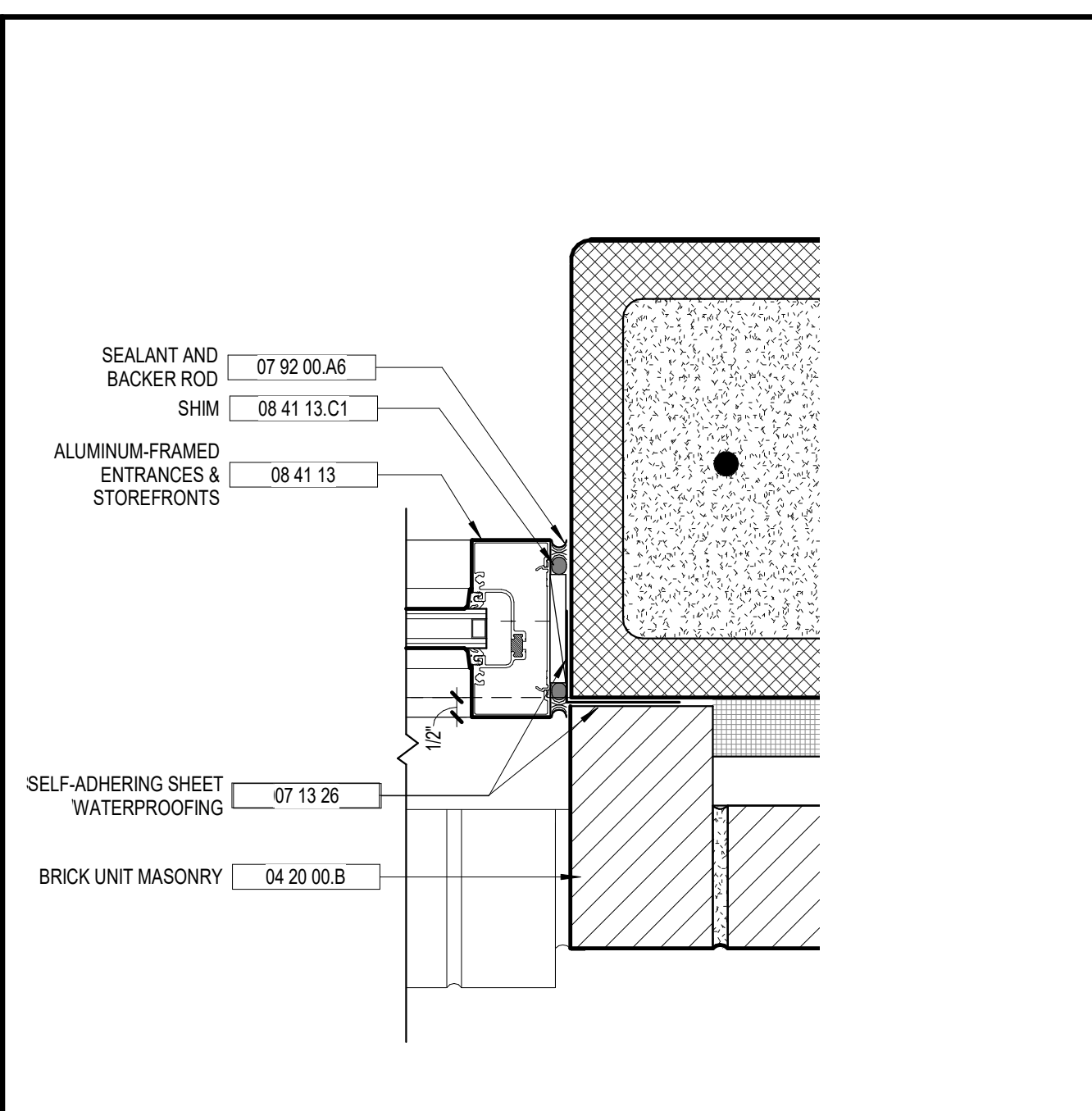
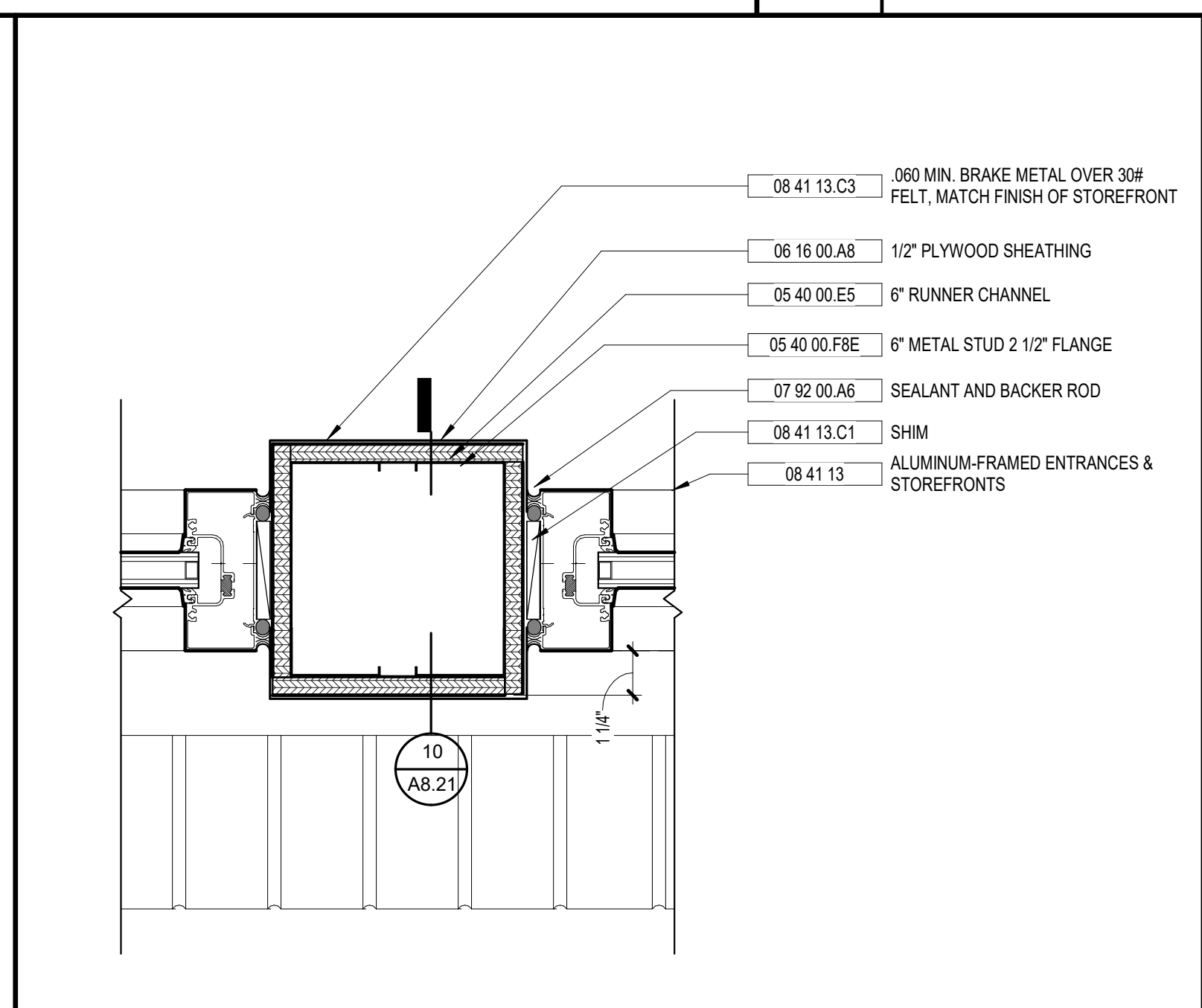
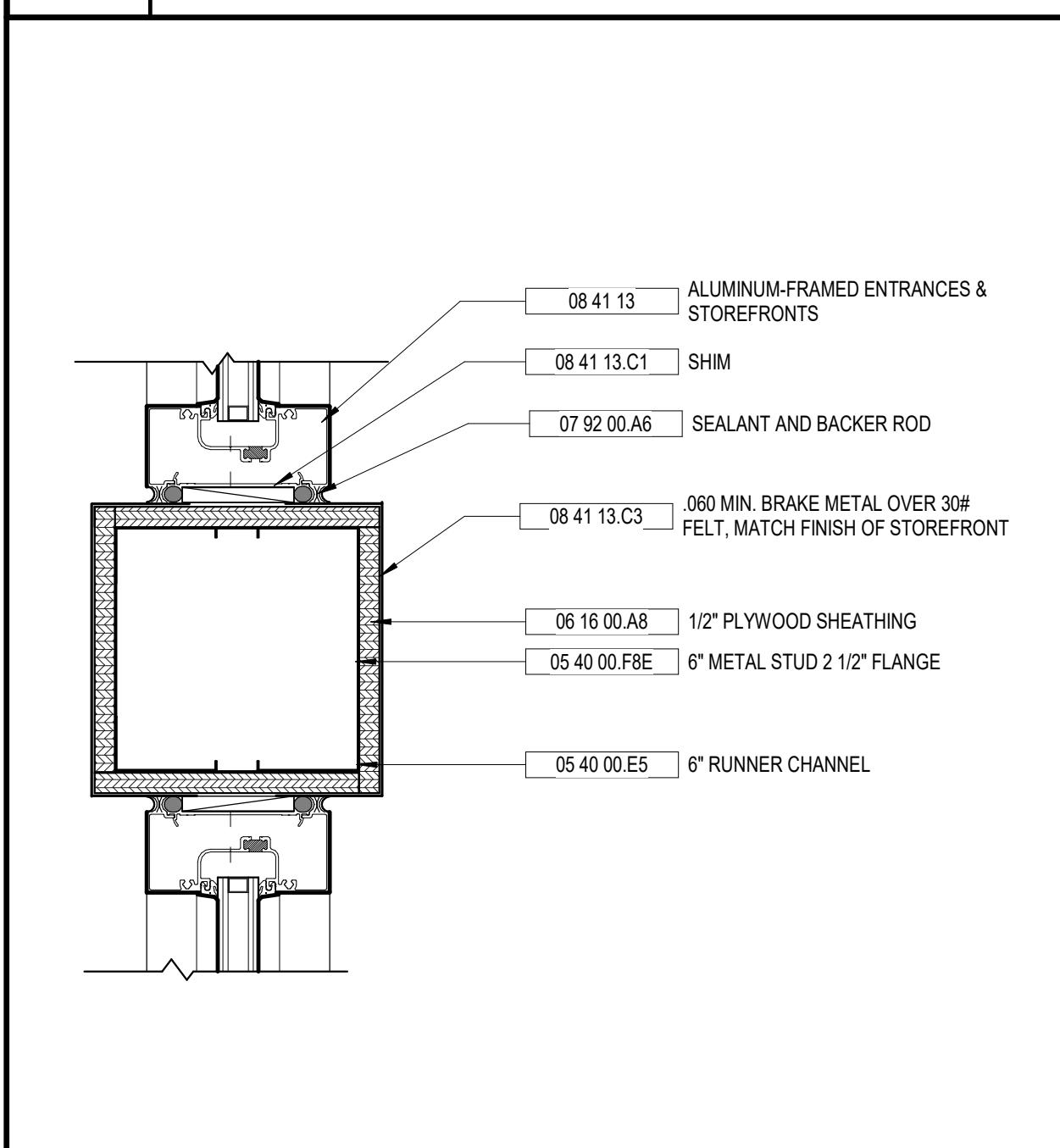


KEYNOTE LEGEND - BY SHEET	
NO.	NOTE
03 41 00	PRECAST STRUCTURAL CONCRETE
03 45 00	PRECAST ARCHITECTURAL CONCRETE
04 20 00.A6	CAVITY WALL INSUL.
04 20 00.A7	MORTAR CONTROL MATL.
04 20 00.A8	THROUGH WALL FLASHING
04 20 00.A10	WEEPS AT 32" O.C.
04 20 00.B	BRICK UNIT MASONRY
04 20 00.B6	BRICK ROWLOCK SILL TYPE 1
04 20 00.C6	12" CMU
04 20 00.D1	CMU LINTEL SEE STRUCT.
05 12 00.A0	STEEL LINTEL - SEE STRUCT. PAINT, TYP.
05 40 00.E5	6" RUNNER CHANNEL
06 16 00.FBE	6" METAL STUD 2 1/2" FLANGE
06 10 53.A1	P.T. WD. BLOCKING
06 16 00.A8	1/2" PLYWOOD SHEATHING
06 40 23.B6	SOLID SURFACE WINDOW STOOL
07 13.26	SELF-ADHERING SHEET WATERPROOFING
07 92 00	JOINT SEALANTS
07 92 00.A6	SEALANT AND BACKER ROD
07 92 00.A9	BACKER ROD WITH SEALANT CONTINUOUS BOTH SIDES
07 92 00.A13	CONTINUOUS SEALANT
08 41 13	ALUMINUM-FRAMED ENTRANCES & STOREFRONTS
08 41 13.C	STOREFRONT FRAMING
08 41 13.C1	SHIM
08 41 13.C3	.060 MIN. BRAKE METAL OVER 30# FELT, MATCH FINISH OF STOREFRONT
08 41 13.C5	SILL FLASHING, MATCH FINISH OF S.F.
12 24 13.A	MOTORIZED ROLLER WINDOW SHADE (MRWS)

1 STOREFRONT HEAD DETAIL AT BAND
 A8.21 3" = 1'-0"

2 STOREFRONT HEAD AT BRICK
 A8.21 3" = 1'-0"

3 JAMB AT CAFETERIA ENTRANCE
 A8.21 3" = 1'-0"

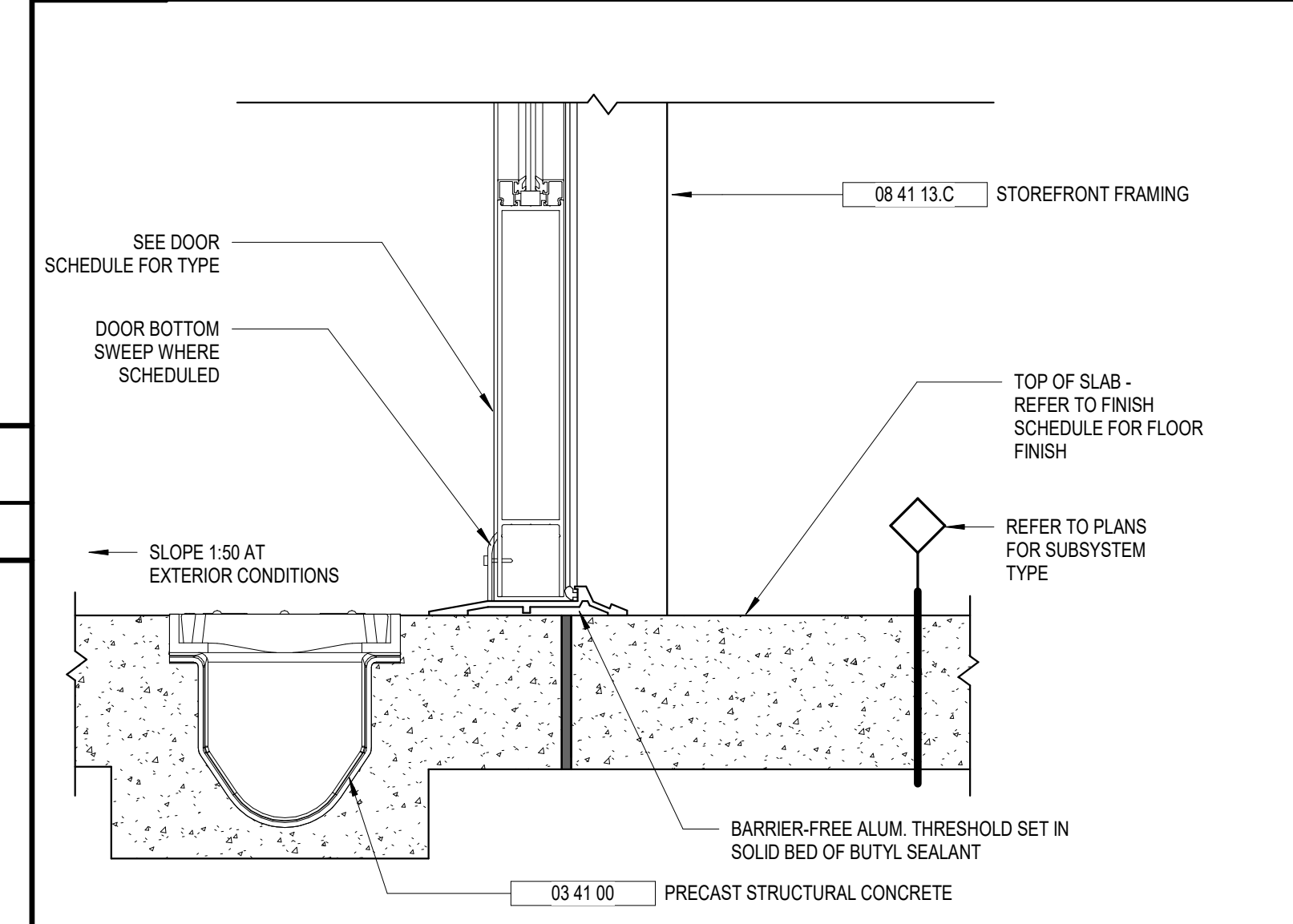


7 SILL AT CAFETERIA ENTRANCE
 A8.21 3" = 1'-0"

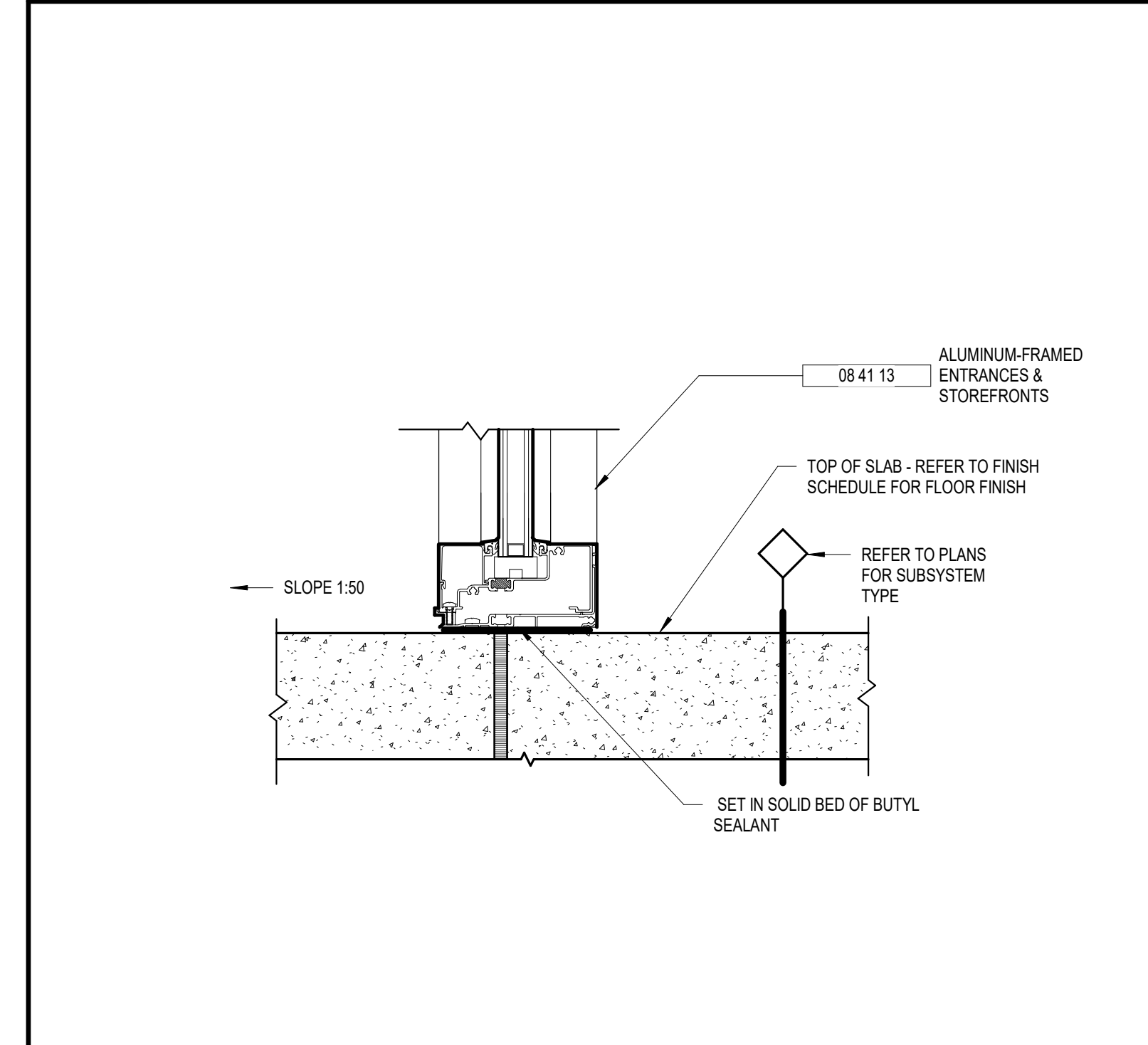
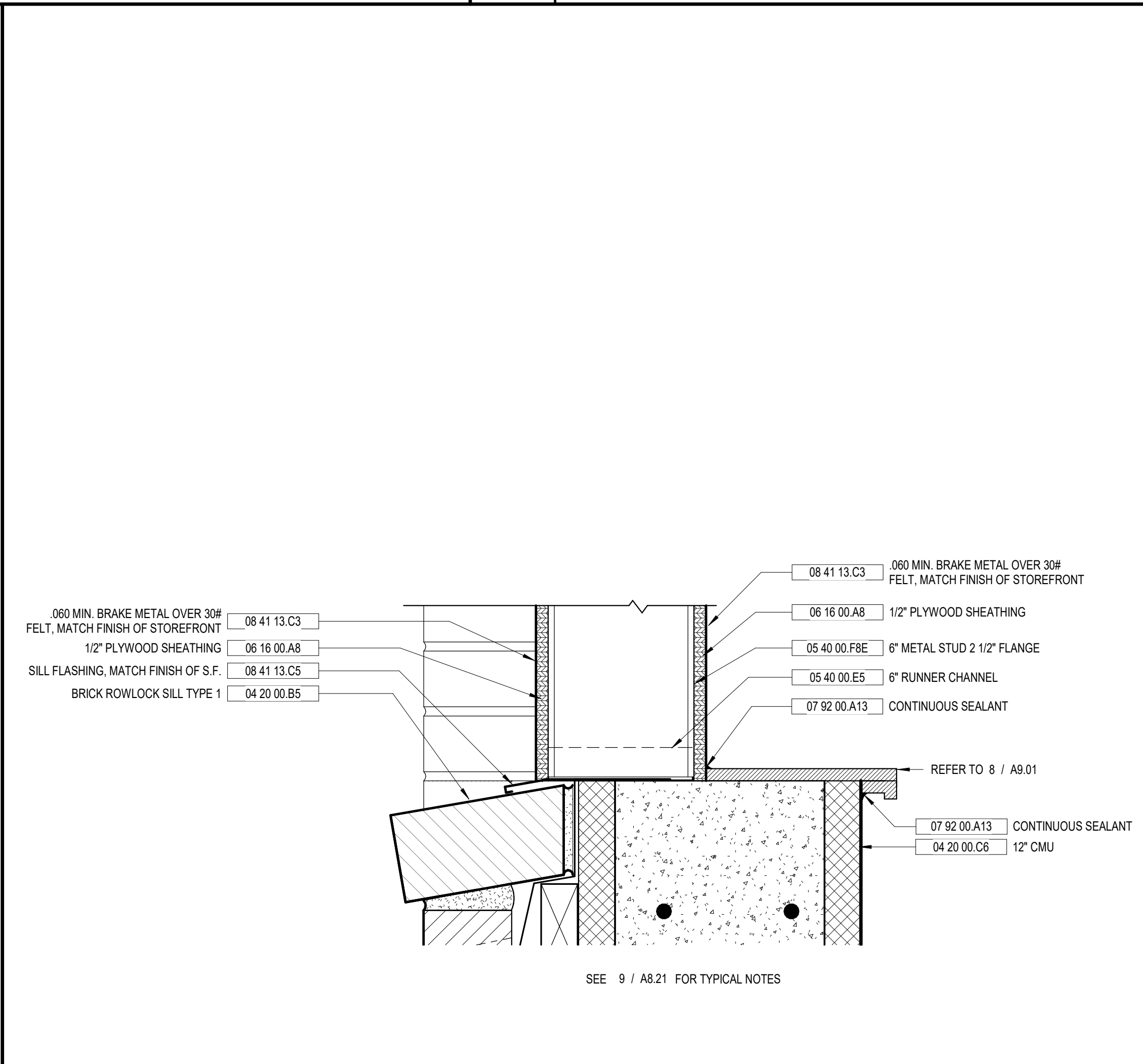
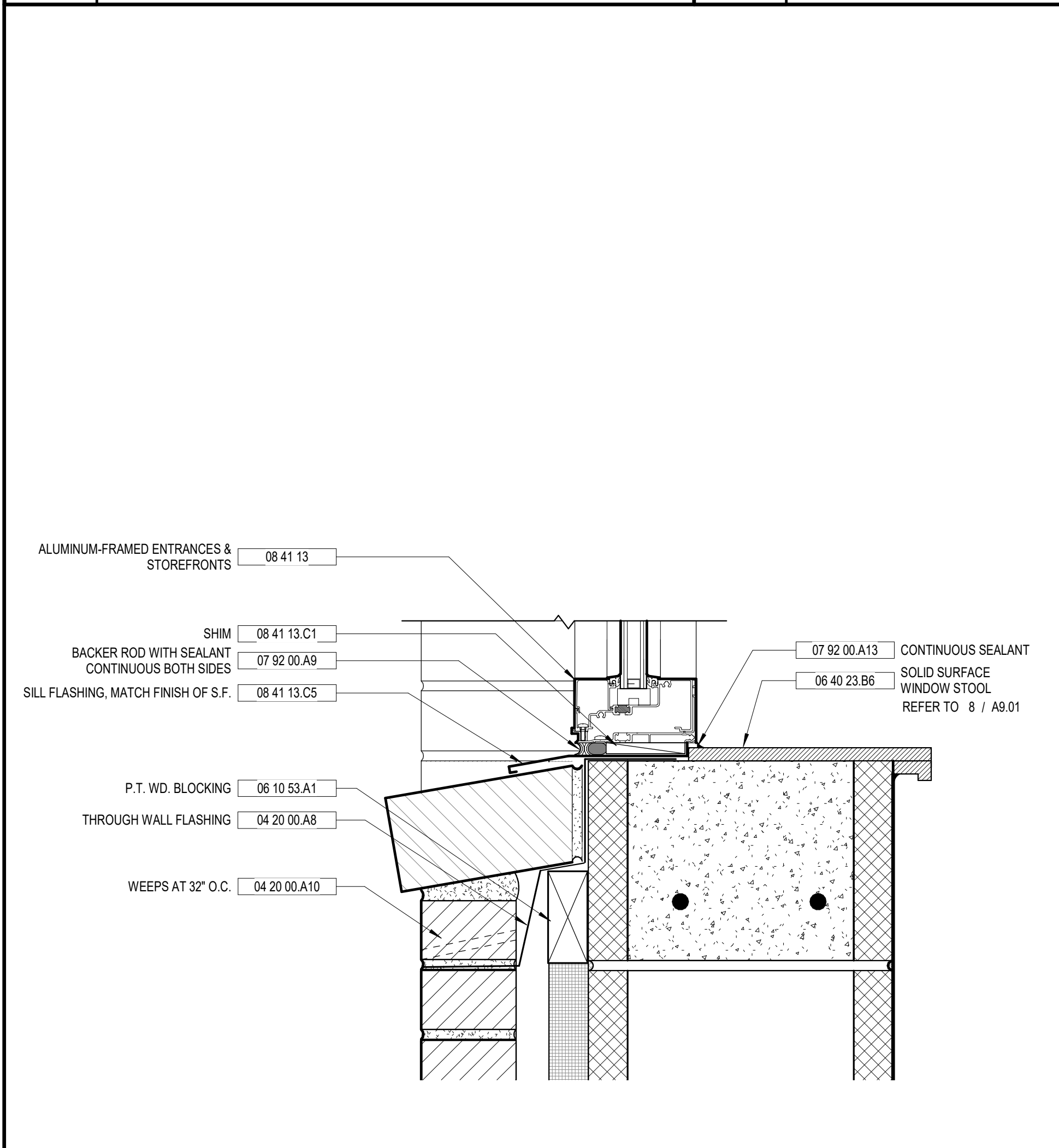
4 STOREFRONT HORIZ. MULL DETAIL
 A8.21 3" = 1'-0"

5 STOREFRONT VERT. MULL DETAIL
 A8.21 3" = 1'-0"

6 STOREFRONT JAMB DETAIL
 A8.21 3" = 1'-0"



8 STOREFRONT DOOR SILL DETAIL
 A8.21 3" = 1'-0"



9 STOREFRONT WINDOW SILL DETAIL
 A8.21 3" = 1'-0"

10 STOREFRONT SILL DETAIL AT 7" MULLION
 A8.21 3" = 1'-0"

11 STOREFRONT SILL DETAIL
 A8.21 3" = 1'-0"

GENERAL STOREFRONT NOTES

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 7402 HODGSON MEMORIAL DRIVE, SUITE 100 SAVANNAH, GA 31406

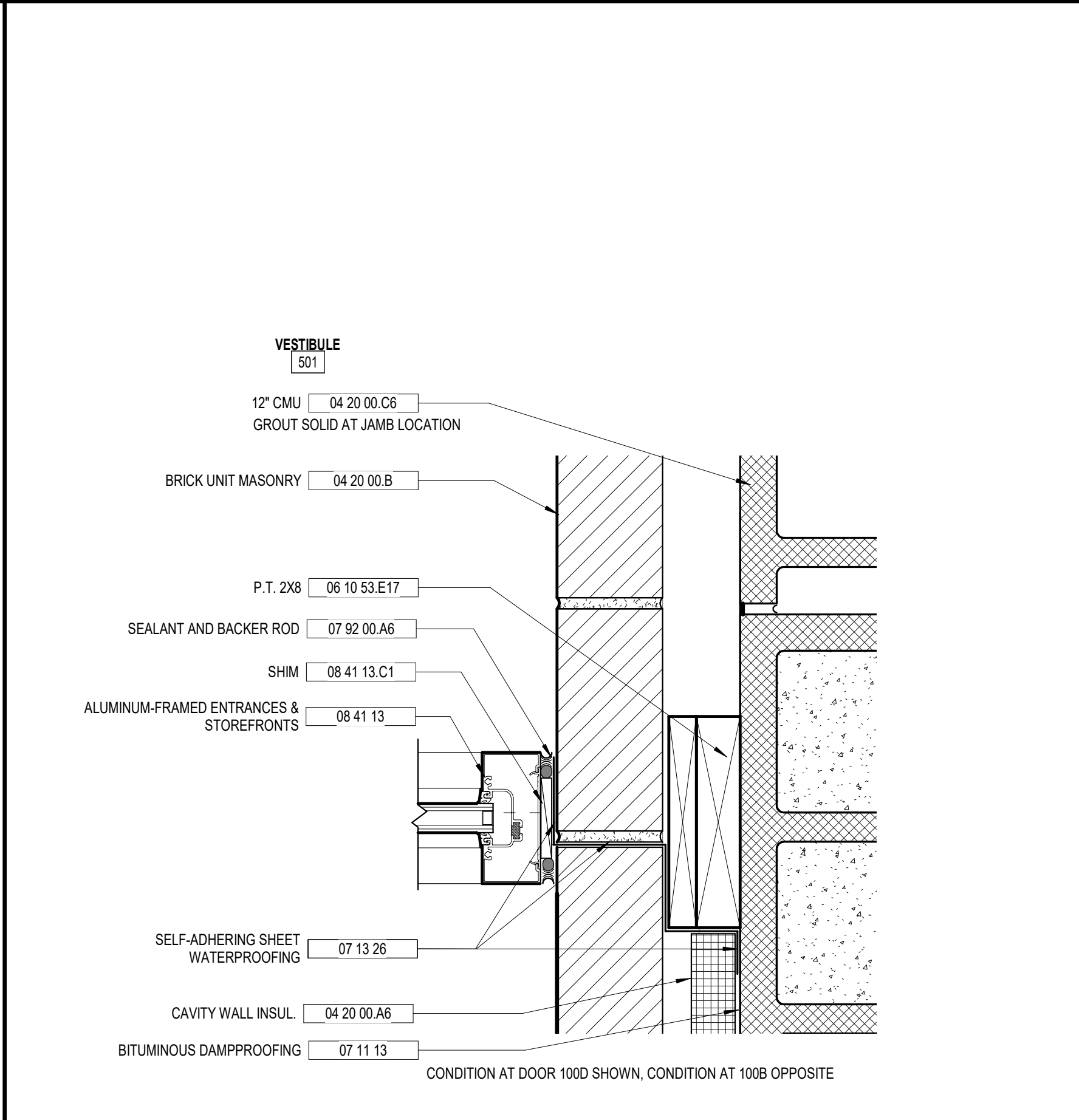
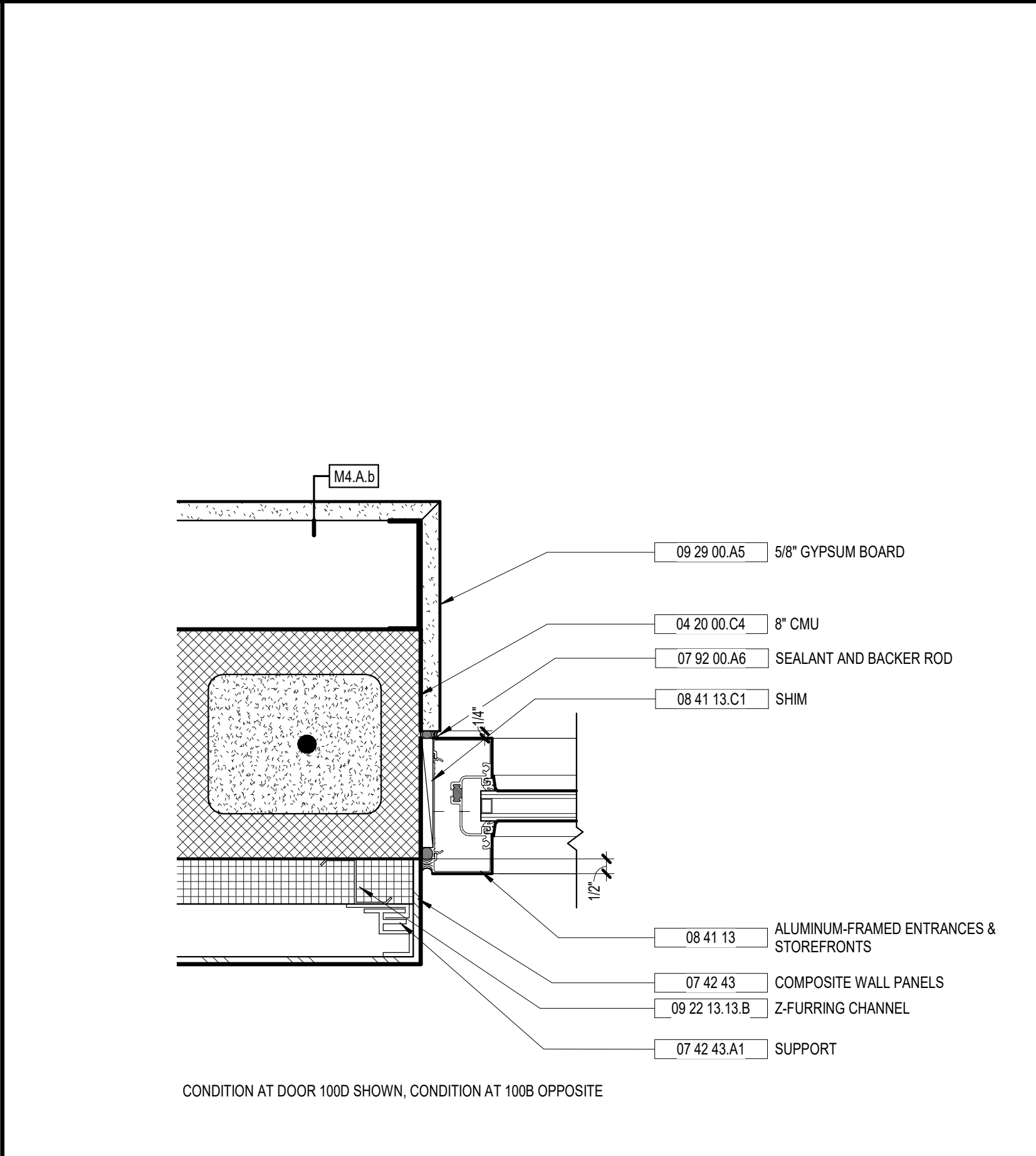
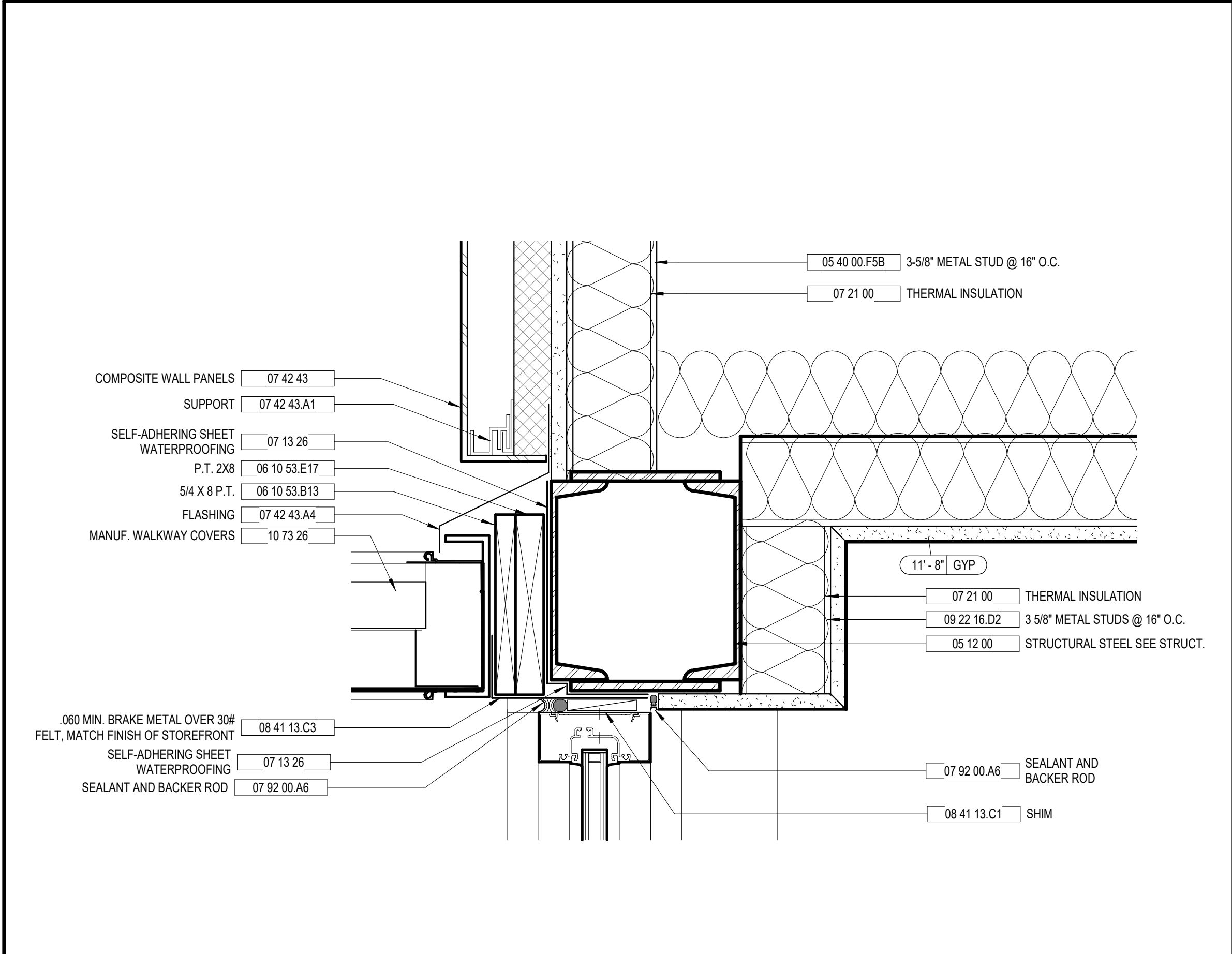
KEY PLAN:

SHEET TITLE:
STOREFRONT DETAILS

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
 DATE: FEB 2022
 DRAWN BY: TLC
 SCALE: 3" = 1'-0"
 SHEET: **A8.21**

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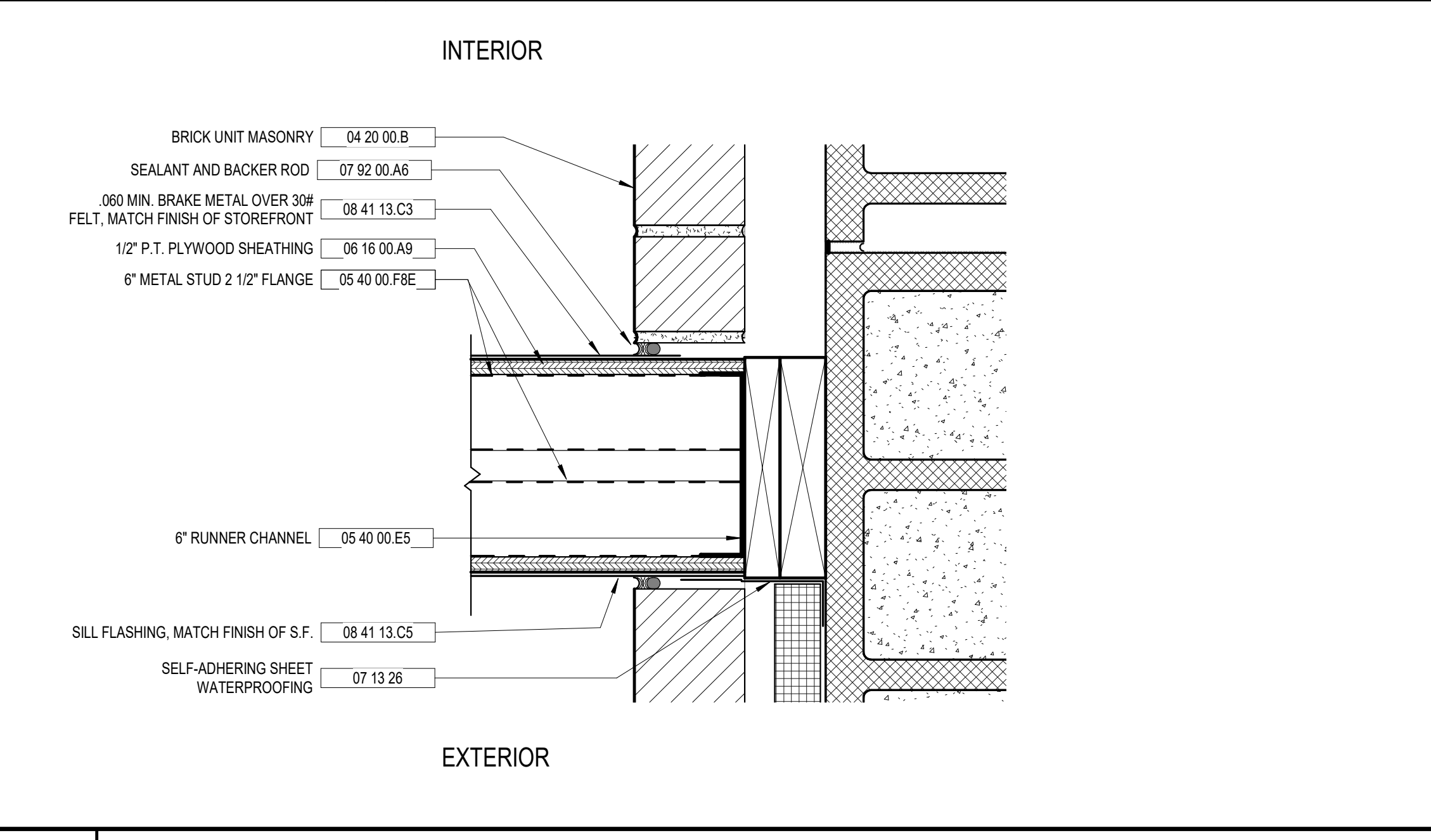
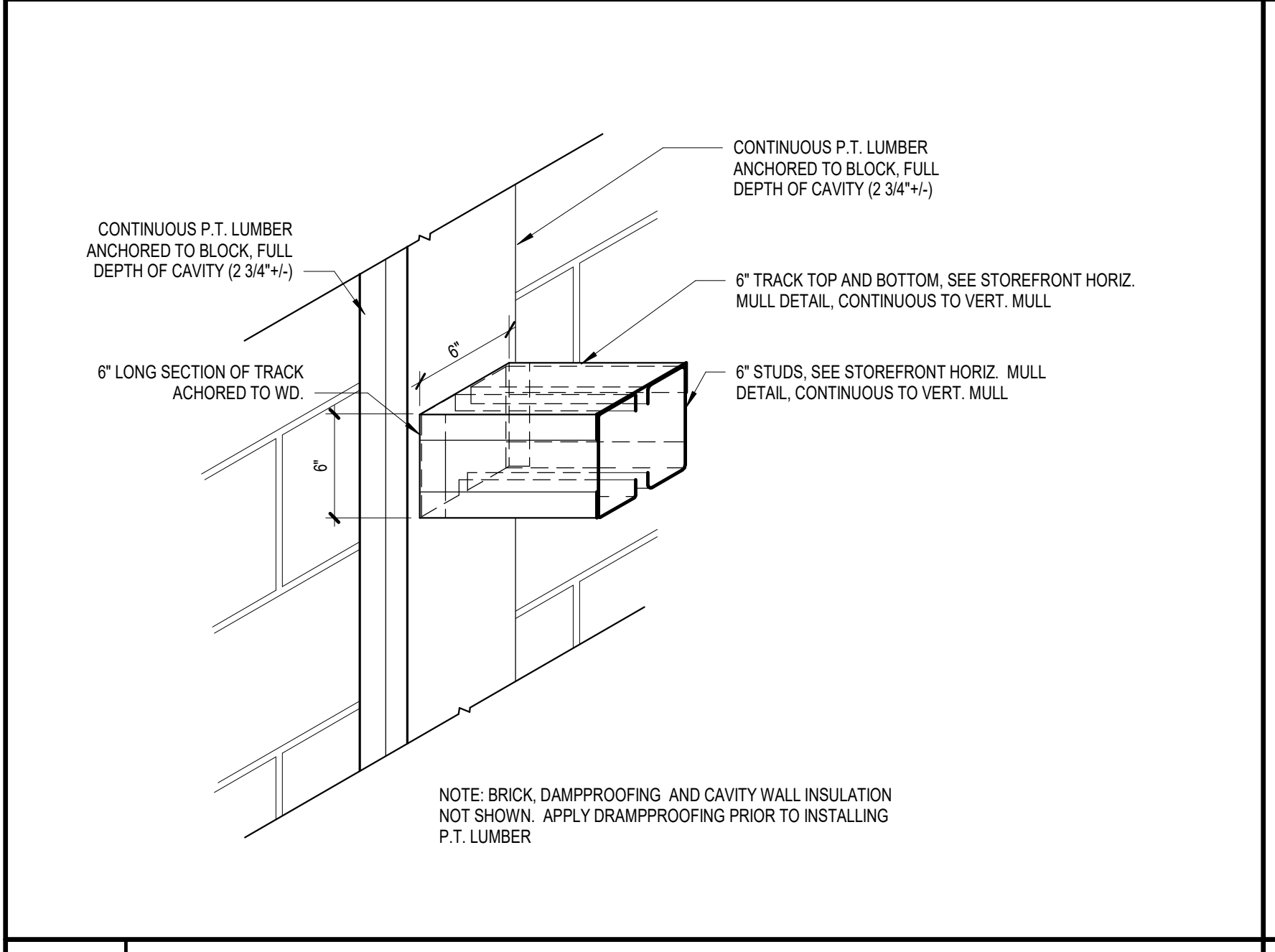


KEYNOTE LEGEND - BY SHEET	
NO.	NOTE
04 20 00.A6	CAVITY WALL INSUL.
04 20 00.B	BRICK UNIT MASONRY
04 20 00.C4	6\"/>

1 HEAD DETAIL, SF1
A8.22 3" = 1'-0"

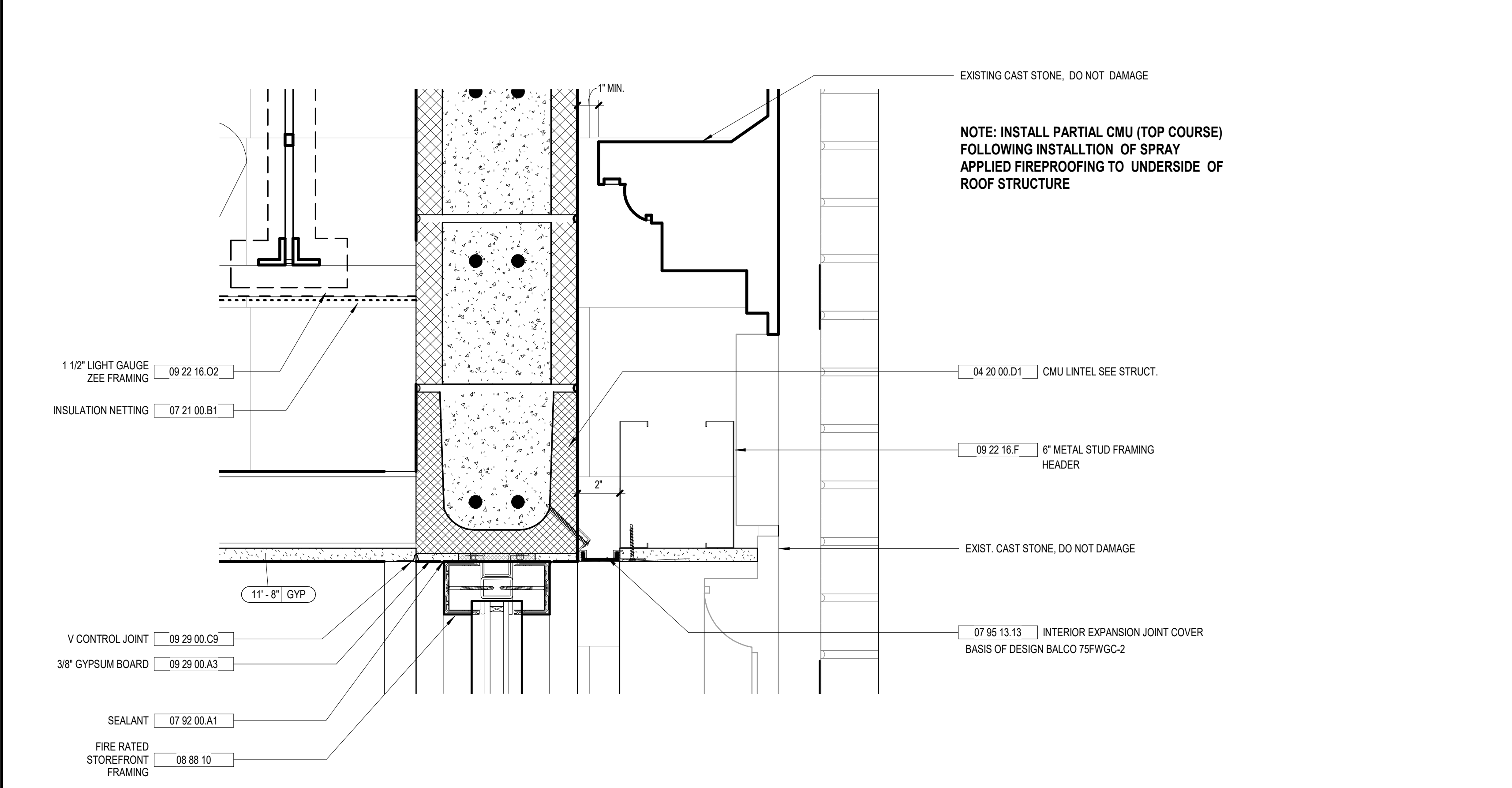
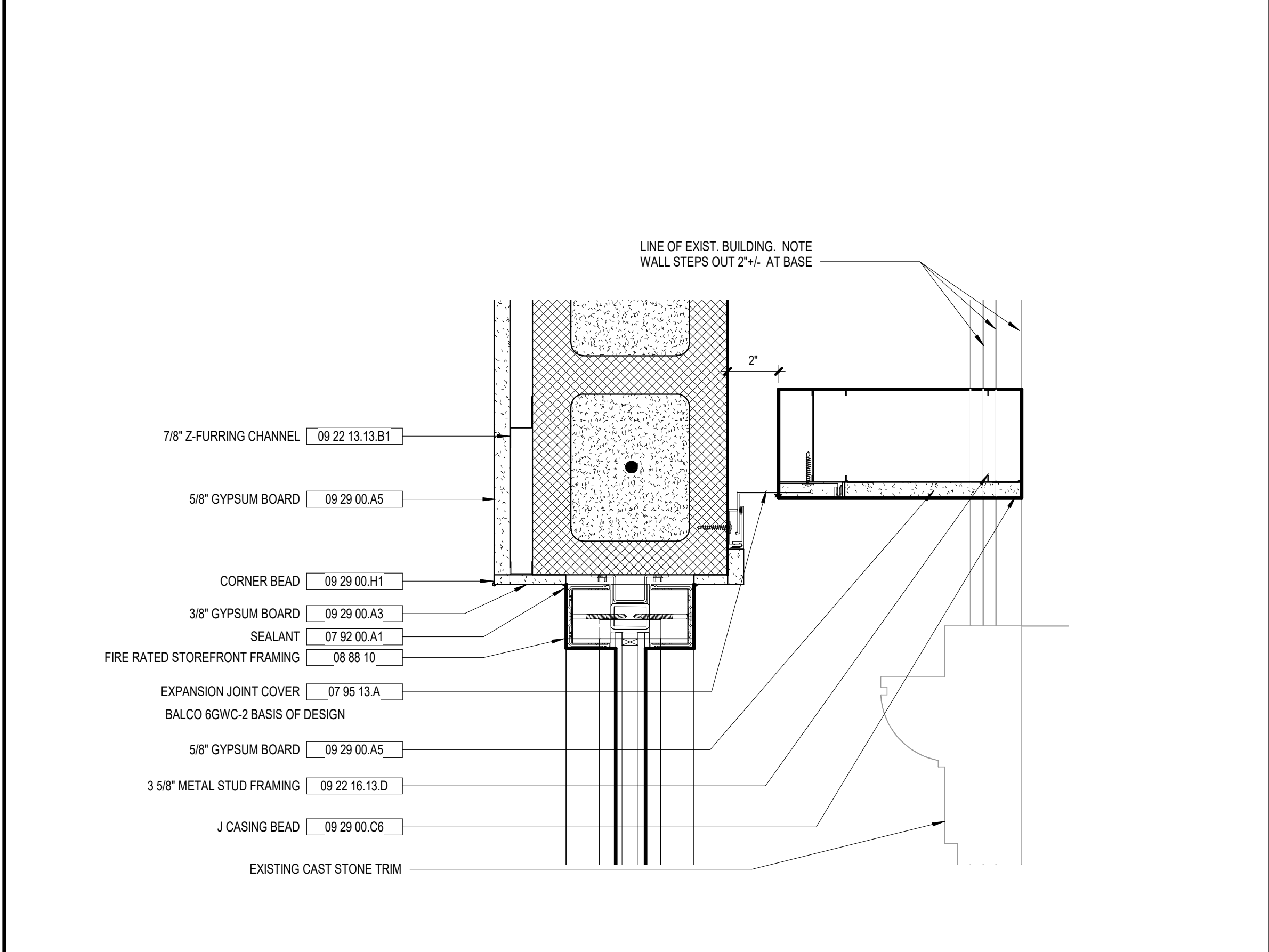
2 EAST JAMB AT SF1
A8.22 3" = 1'-0"

3 WEST JAMB SF01
A8.22 3" = 1'-0"



4 CONNECTION AT 7" MULL AT WEST JAMB, SF1
A8.22 1 1/2" = 1'-0"

5 DETAIL AT 7" MULL CONNECTION
A8.22 3" = 1'-0"



6 WALL TO WALL EXPANSION JOINT INT. ADD ALTERNATE
A8.22 3" = 1'-0"

7 HEAD DETAIL RATED STOREFRONT (ADD ALT.)
A8.22 3" = 1'-0"

GENERAL SECTION NOTES

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SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM

GMP CONSTRUCTION DOCUMENTS

FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

Cogdell Mendrala Architects
COGDELL & MENDRALA ARCHITECTS, PC
517 EAST CONGRESS STREET
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fax 912.236.8414
cogdellmendra.com

SEAL:

PROJECT CONSULTANTS:

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SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

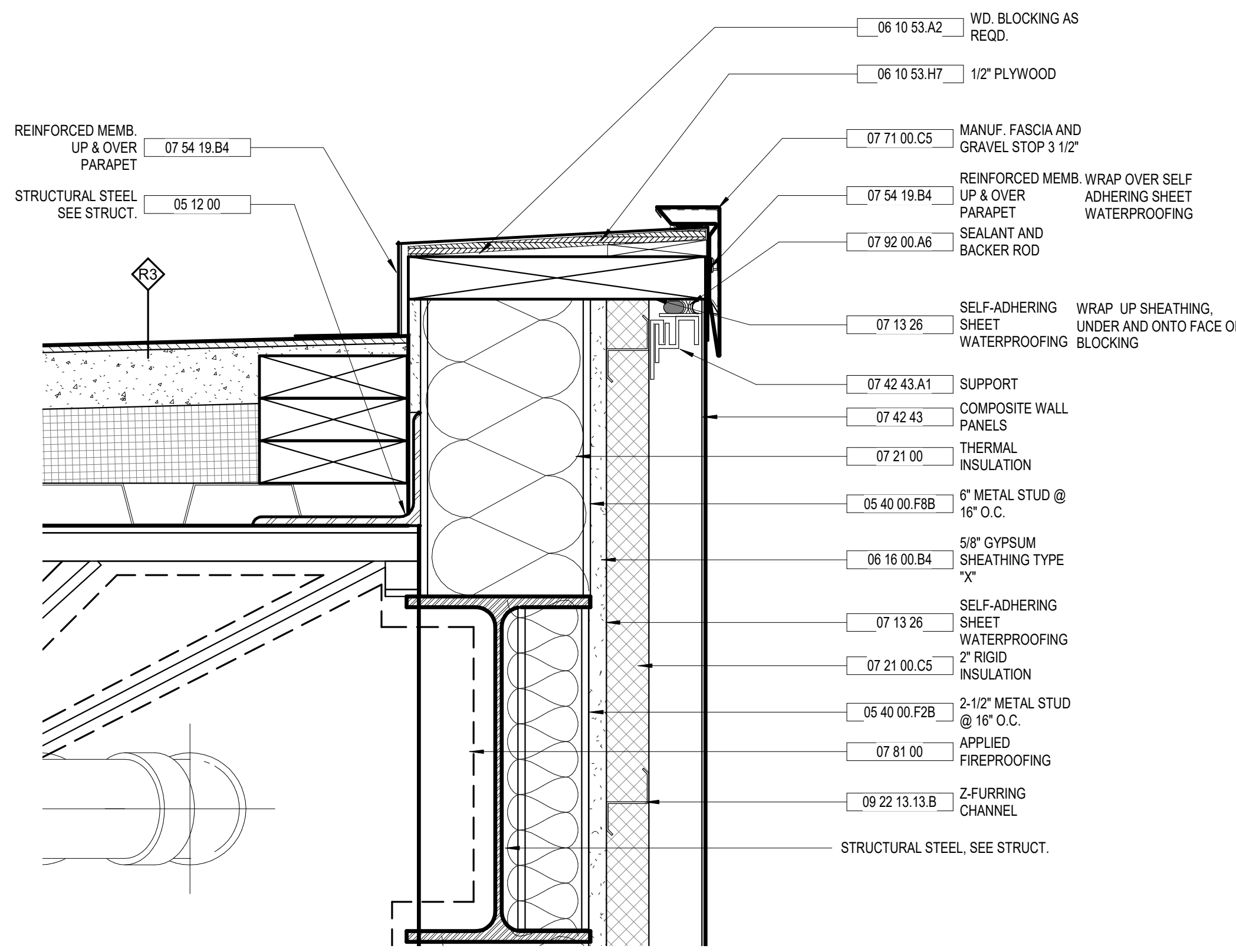
KEY PLAN:

SHEET TITLE:
STOREFRONT DETAILS

REVISION SCHEDULE	
DATE	DESCRIPTION

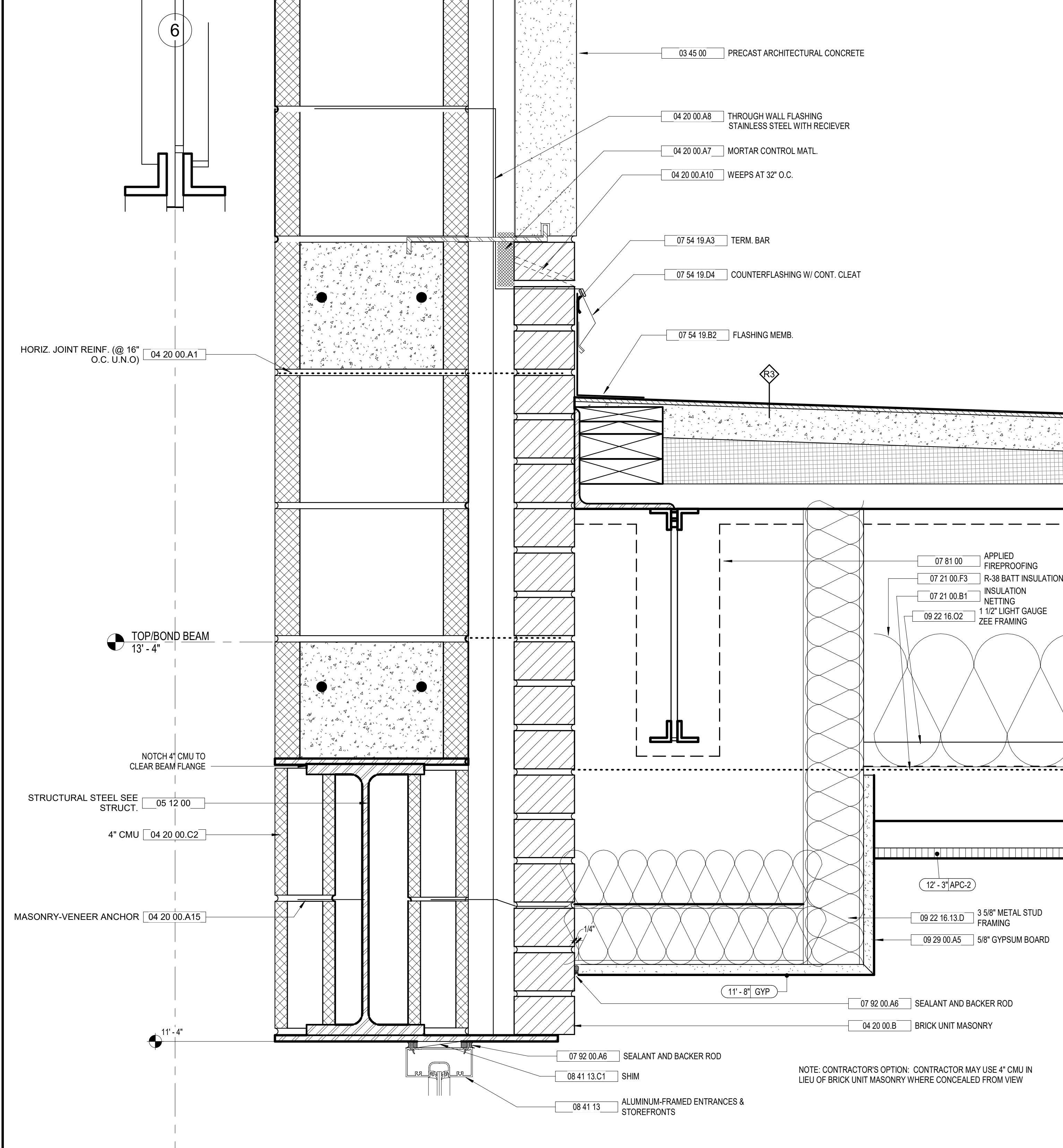
PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: RML
SCALE: As indicated

SHEET: **A8.22**



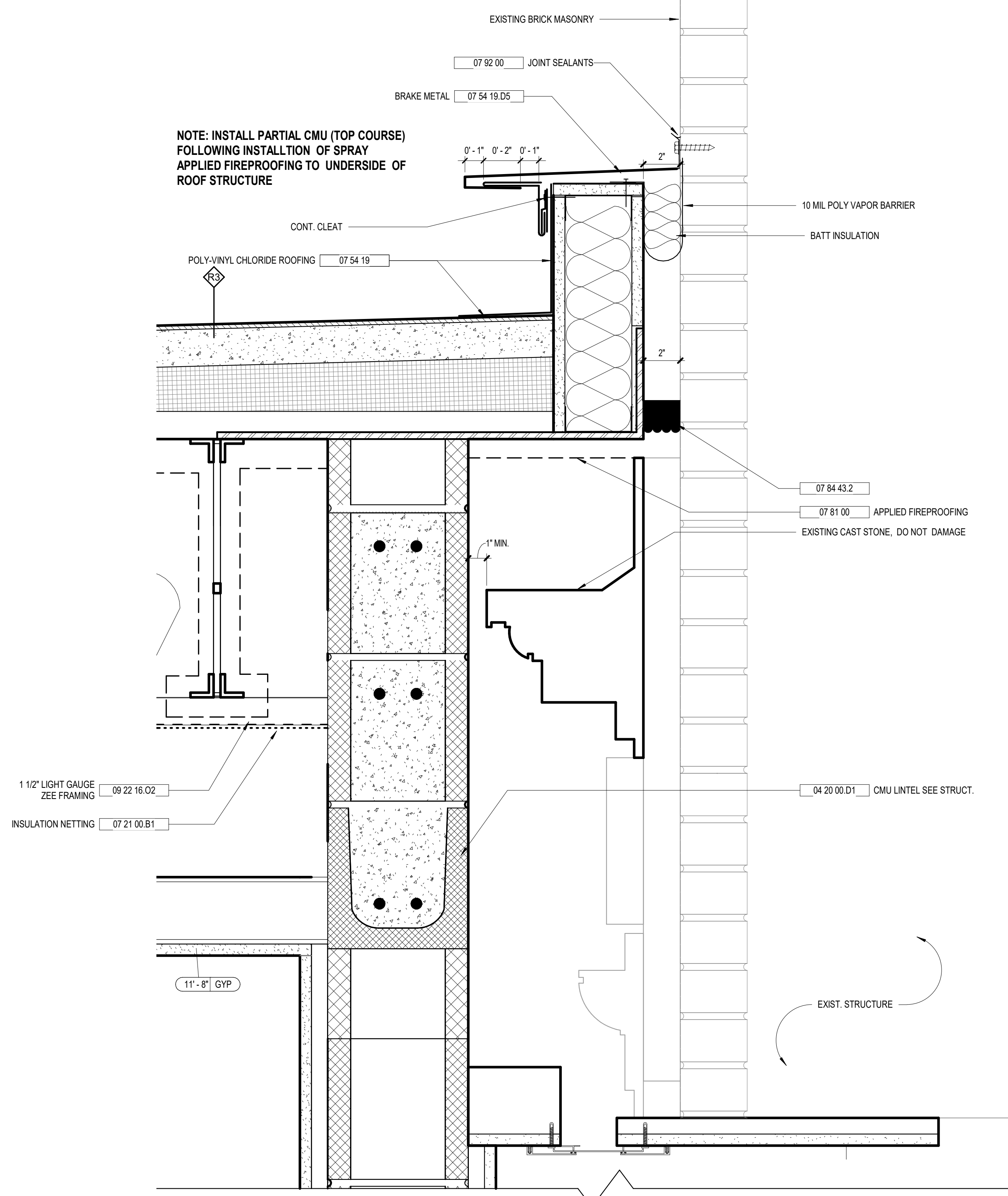
1 ROOF EDGE AT VESTIBULE

A8.31 3" = 1'-0"



2 VESTIBULE RAKE AT ADDITION

A8.31 3" = 1'-0"



3 VESTIBULE RAKE AT EXISTING BASE BID

A8.31 3" = 1'-0"

KEYNOTE LEGEND - BY SHEET

NO.	NOTE
03 45 00	PRECAST ARCHITECTURAL CONCRETE
04 20 00 A1	HORIZ. JOINT REINF. (Ø 16" O.C. U.N.O.)
04 20 00 A7	MORTAR CONTROL MATL.
04 20 00 A8	THROUGH WALL FLASHING
04 20 00 A10	WEEPS AT 32" O.C.
04 20 00 A15	MASONRY VENEER ANCHOR
04 20 00 B	BRICK UNIT MASONRY
04 20 00 C2	4" CMU
04 20 00 D1	CMU LINTEL SEE STRUCT.
06 12 00	STRUCTURAL STEEL SEE STRUCT.
06 40 00 F2B	2-1/2" METAL STUD @ 16" O.C.
06 40 00 F9B	6" METAL STUD @ 16" O.C.
06 10 53 A2	WD. BLOCKING AS REQD.
06 10 53 H7	1/2" PLYWOOD
06 16 00 B4	5/8" GYPSUM SHEATHING TYPE "X"
07 13 26	SELF-ADHERING SHEET WATERPROOFING
07 21 00	THERMAL INSULATION
07 21 00 B1	INSULATION NETTING
07 21 00 C5	2" RIGID INSULATION
07 21 00 F3	R-38 BATT INSULATION
07 42 43	COMPOSITE WALL PANELS
07 42 43 A1	SUPPORT
07 54 19	POLYVINYL CHLORIDE ROOFING
07 54 19 A3	TERM. BAR
07 54 19 B2	FLASHING MEMB.
07 54 19 B4	REINFORCED MEMB. UP & OVER PARAPET
07 54 19 D4	COUNTERFLASHING W/ CONT. CLEAT
07 54 19 D5	BRAKE METAL
07 71 00 C5	MANUF. FASCIA AND GRAVEL STOP 3 1/2"
07 81 00	APPLIED FIREPROOFING
07 81 00	JOINT SEALANTS
07 92 00 A6	SEALANT AND BACKER ROD
08 41 13	ALUMINUM-FRAMED ENTRANCES & STOREFRONTS
08 41 13 C1	SHIM
09 22 13 B	Z-FURRING CHANNEL
09 22 16 13 D	3/8" METAL STUD FRAMING
09 22 16 02	1 1/2" LIGHT GAUGE ZEE FRAMING
09 29 00 A5	5/8" GYPSUM BOARD

GENERAL SECTION NOTES

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SCCPSS
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 BID NO#: C22-01

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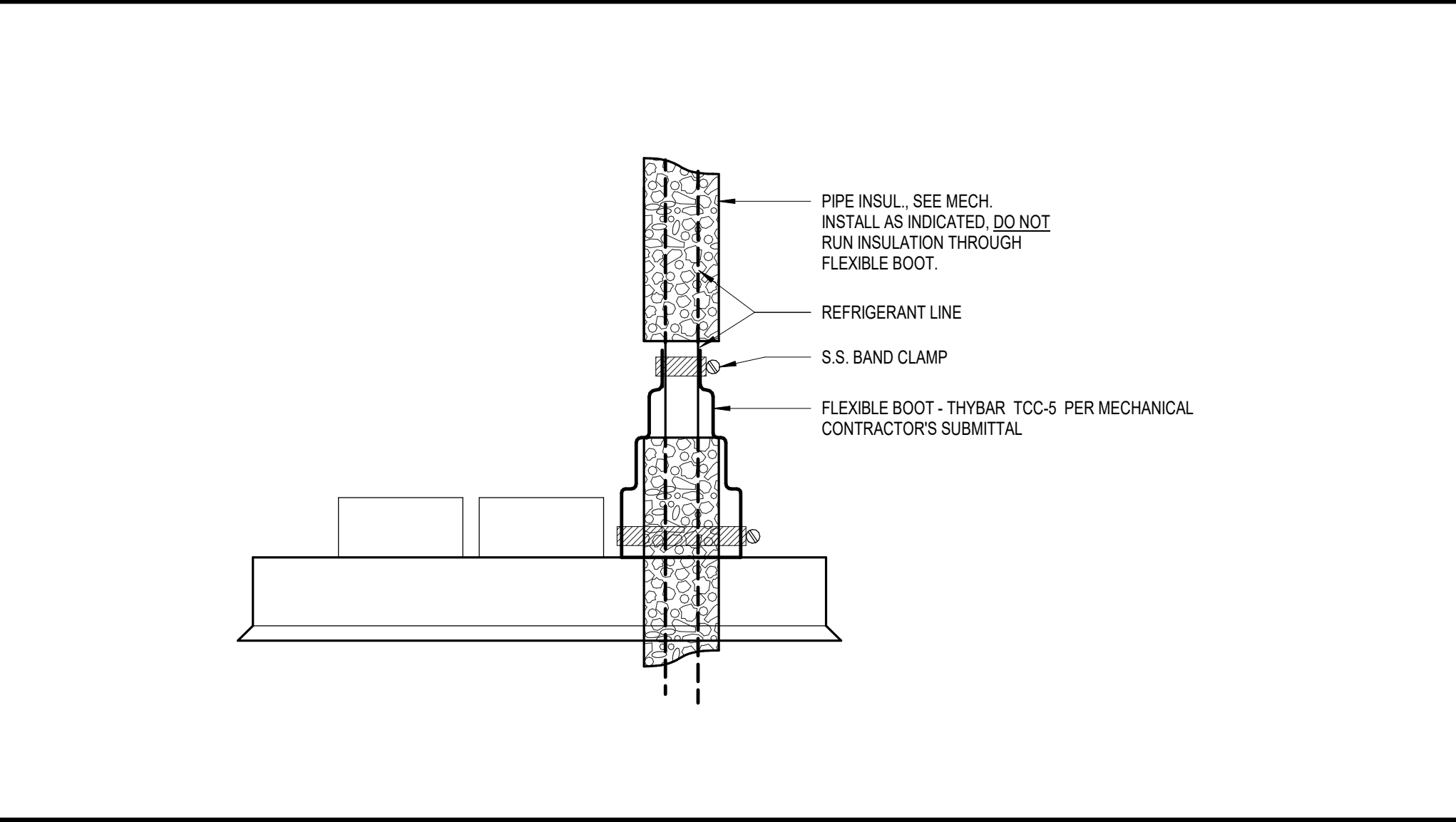
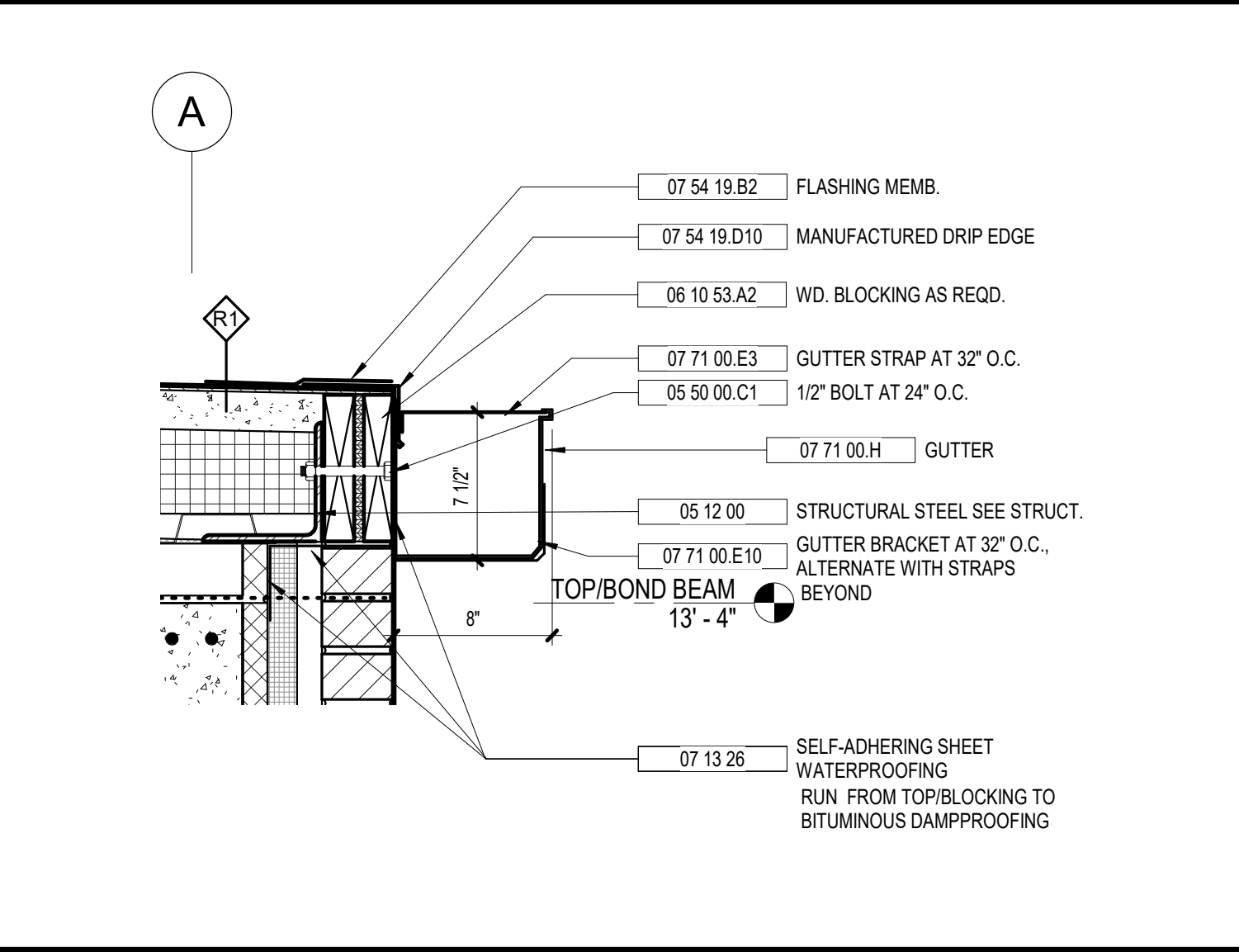
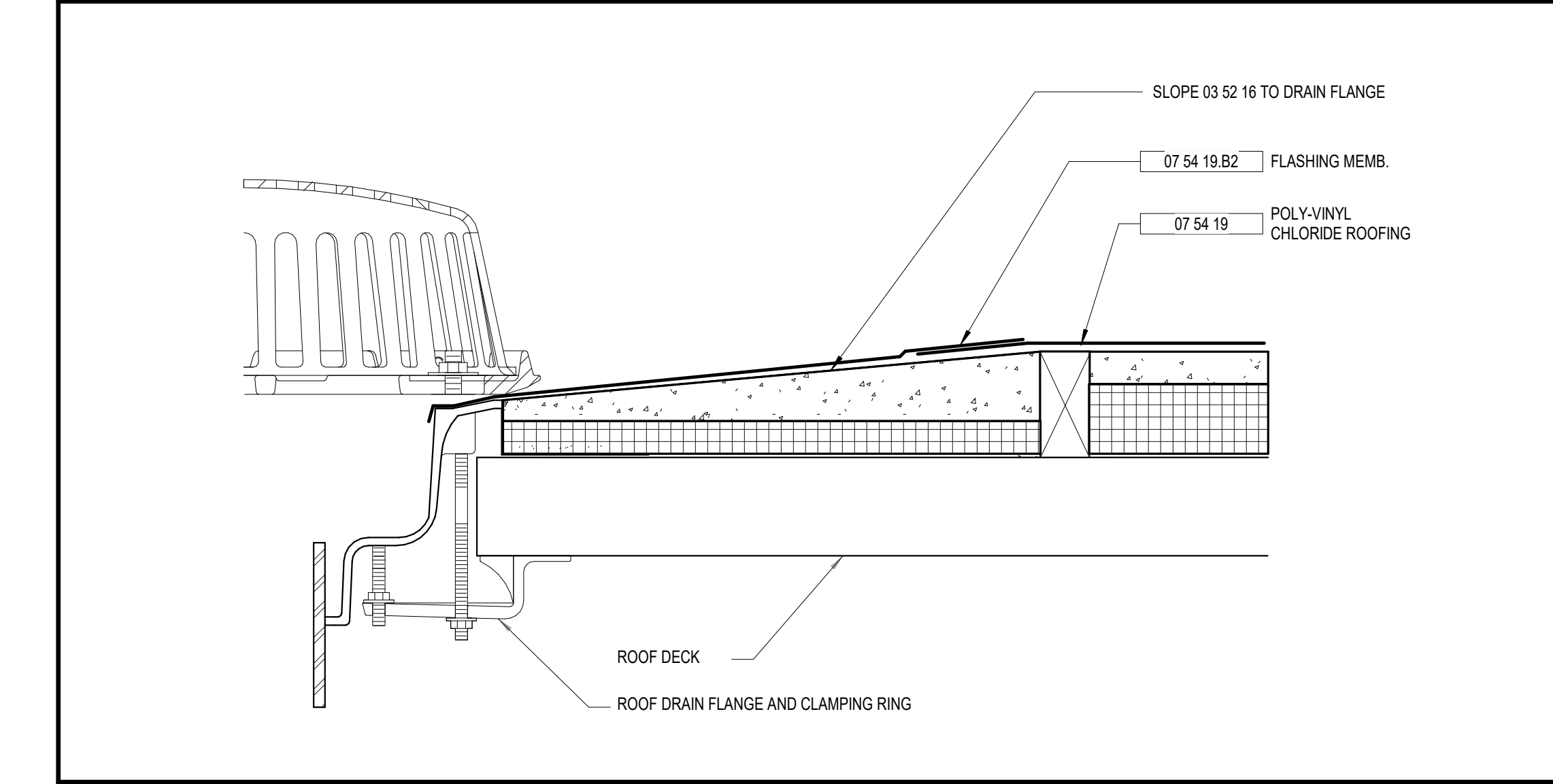
KEY PLAN:

SHEET TITLE:
ROOF DETAILS

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
 DATE: FEB 2022
 DRAWN BY: RML
 SCALE: 3" = 1'-0"
 SHEET: **A8.31**

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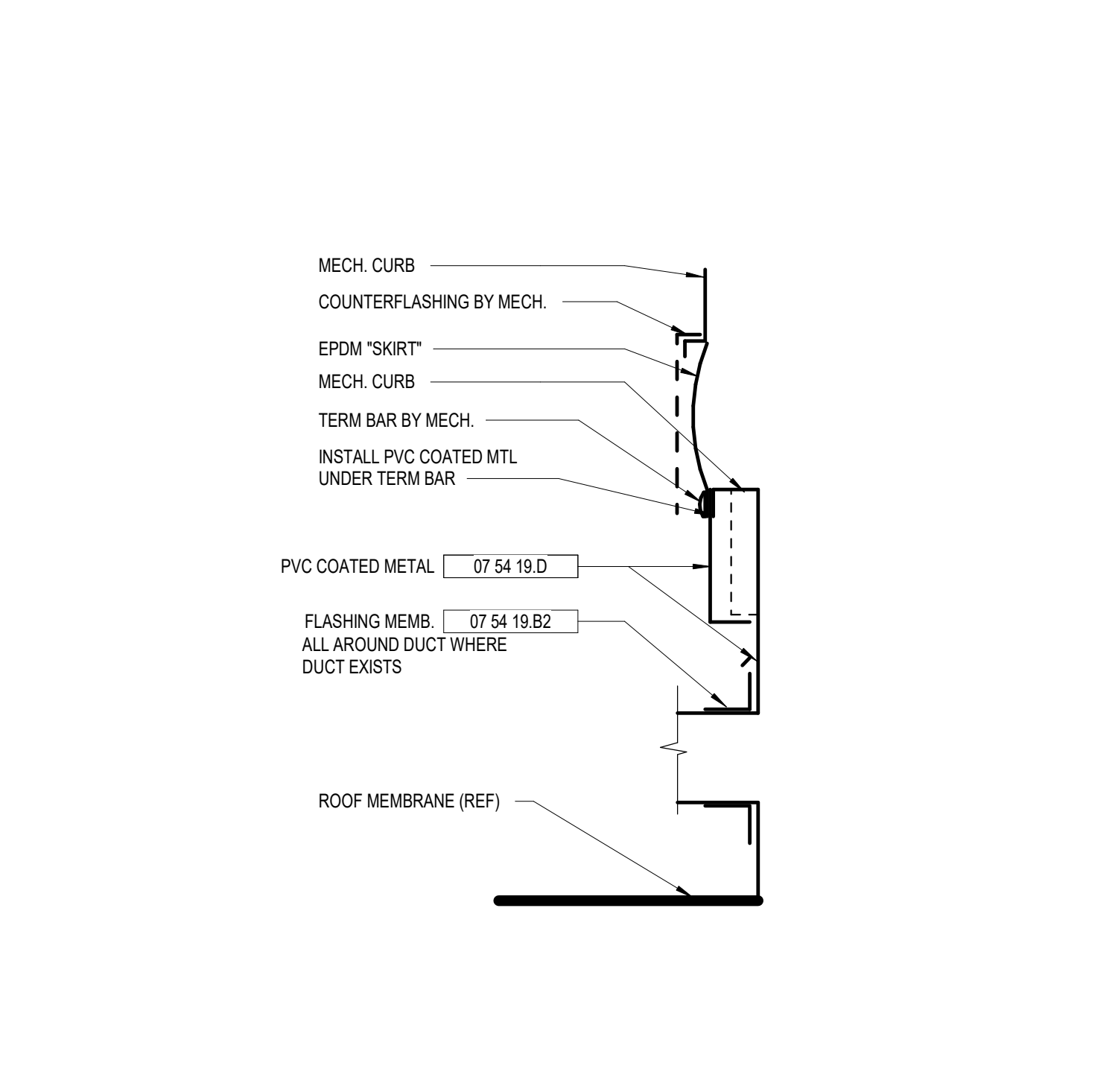
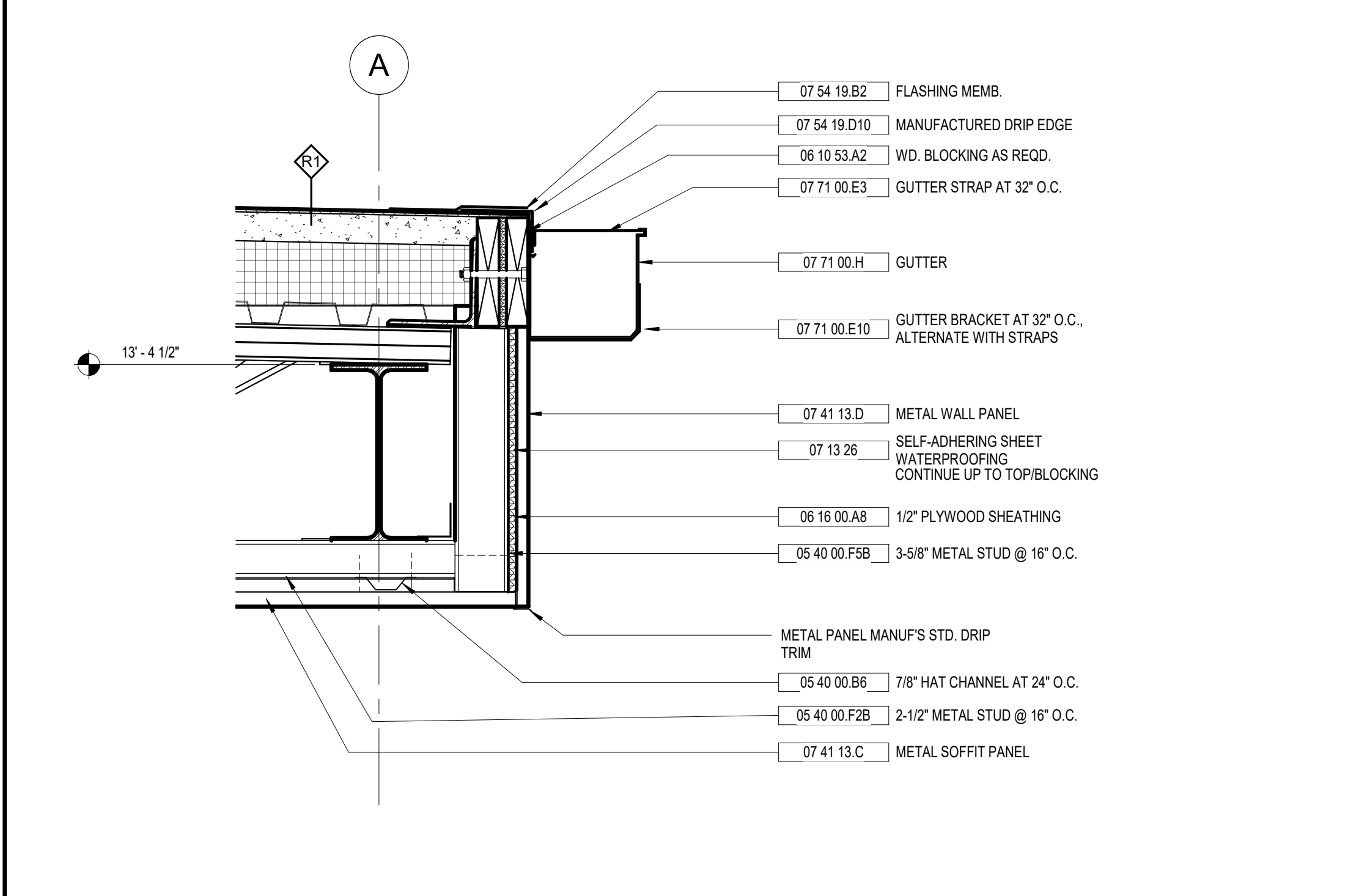


KEYNOTE LEGEND - BY SHEET	
NO.	NOTE
05 12 00	STRUCTURAL STEEL SEE STRUCT.
05 40 00 B6	7/8\"/>

1 ROOF DRAIN DETAIL
A8.32 3" = 1'-0"

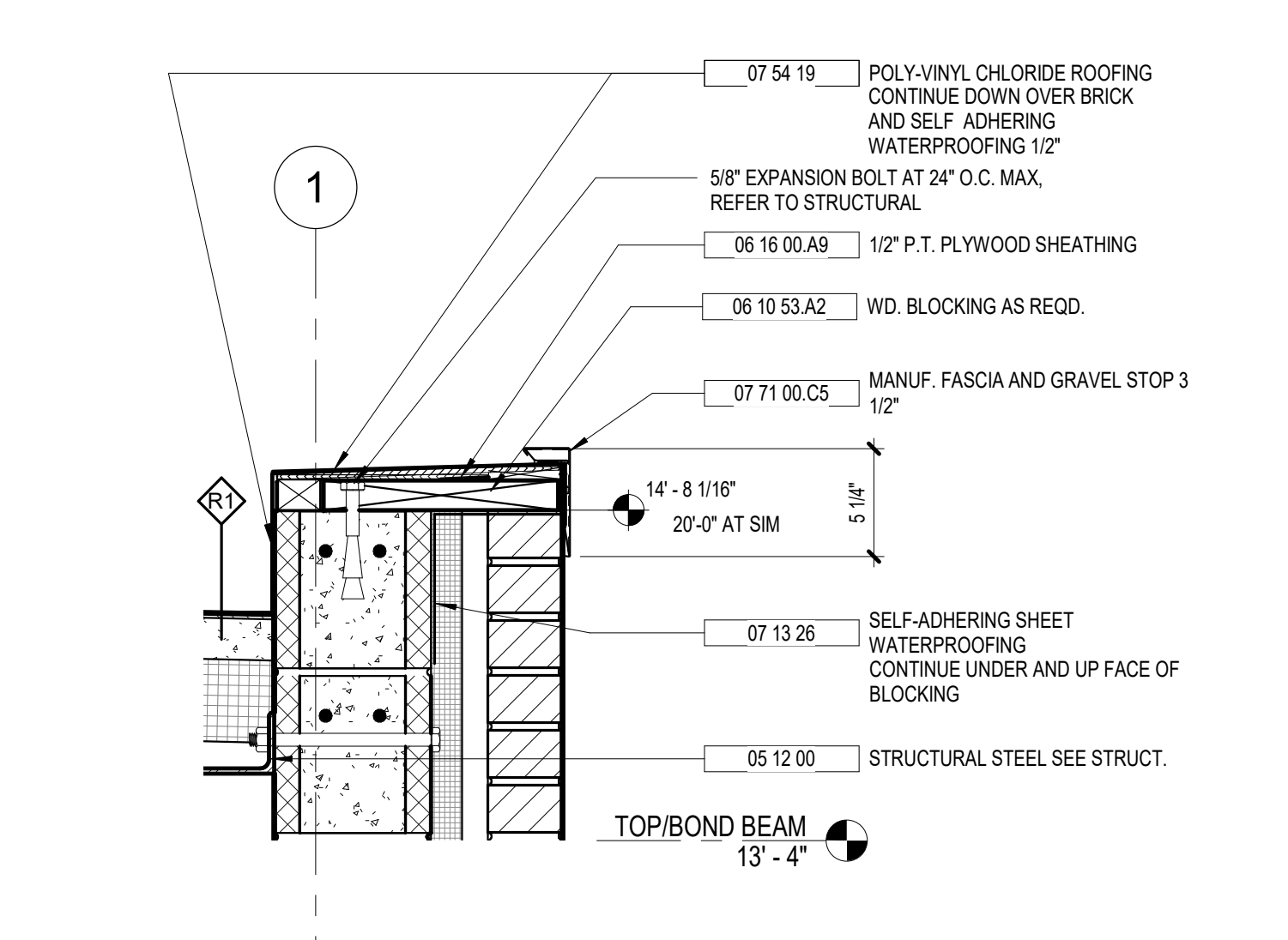
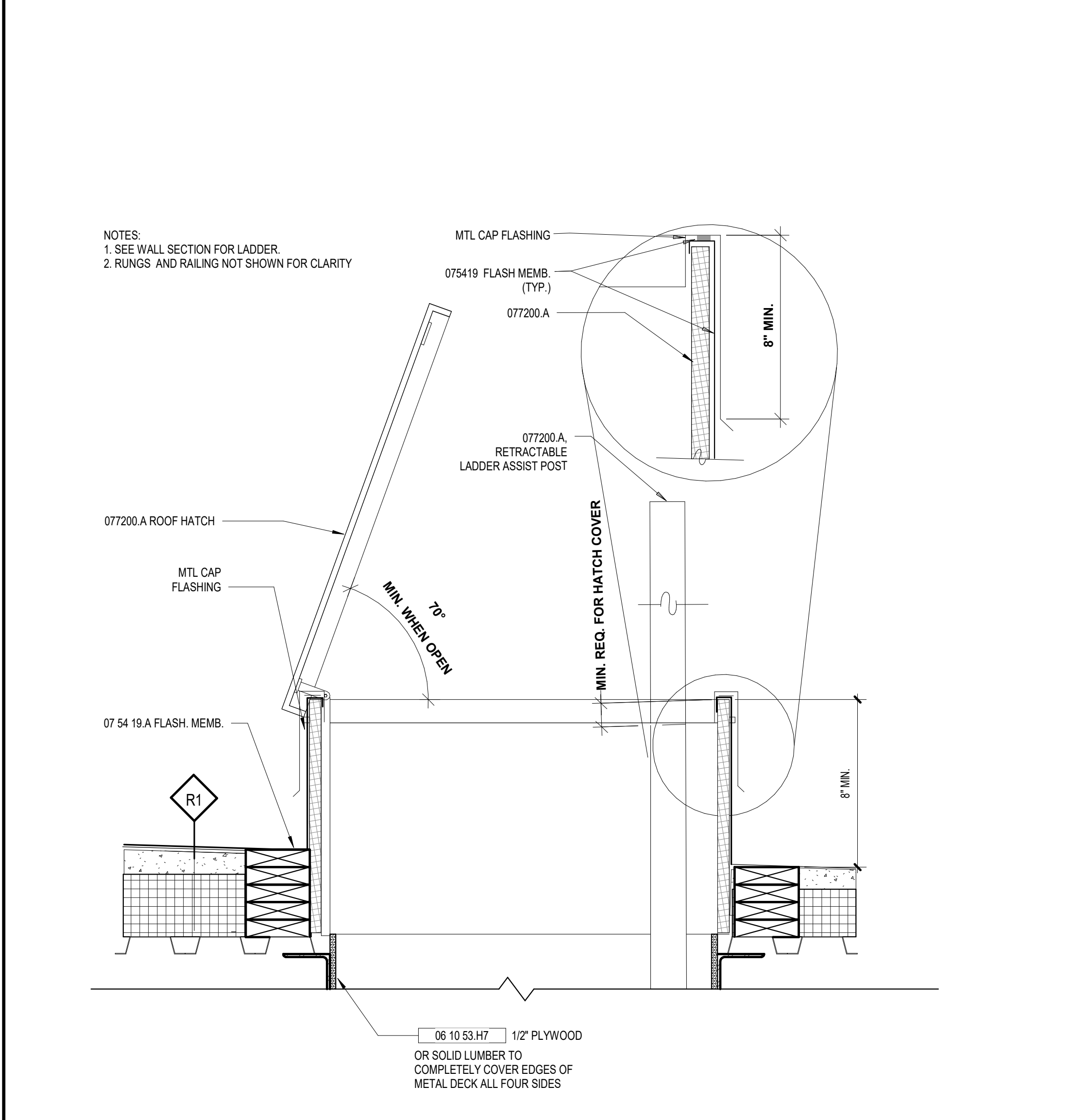
2 EAVE DETAIL AT GUTTER
A8.32 1 1/2" = 1'-0"

3 PIPE INSULATION AT ROOF PENETRATION
A8.32 3" = 1'-0"

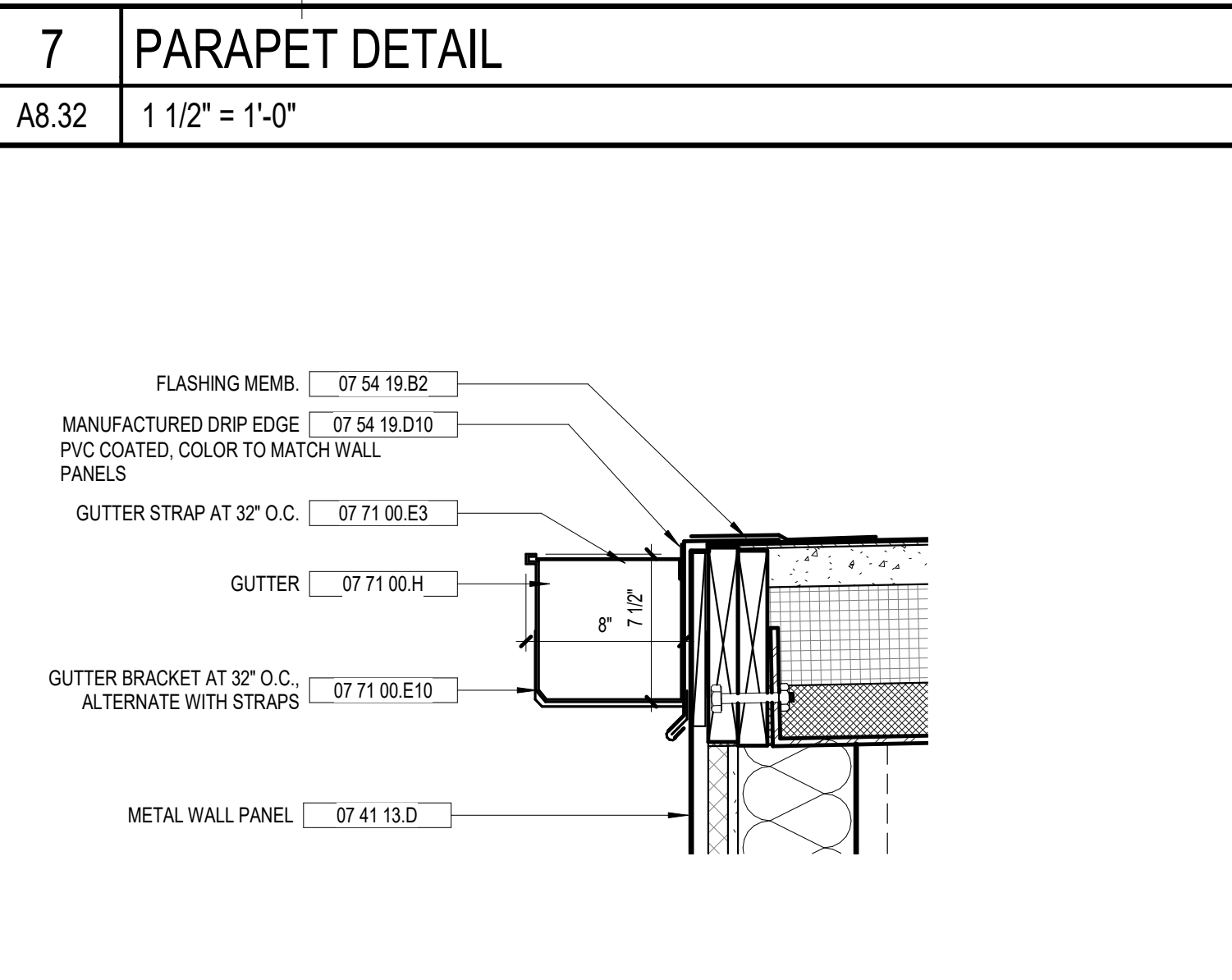


4 EAVE AT LOADING DOCK
A8.32 1 1/2" = 1'-0"

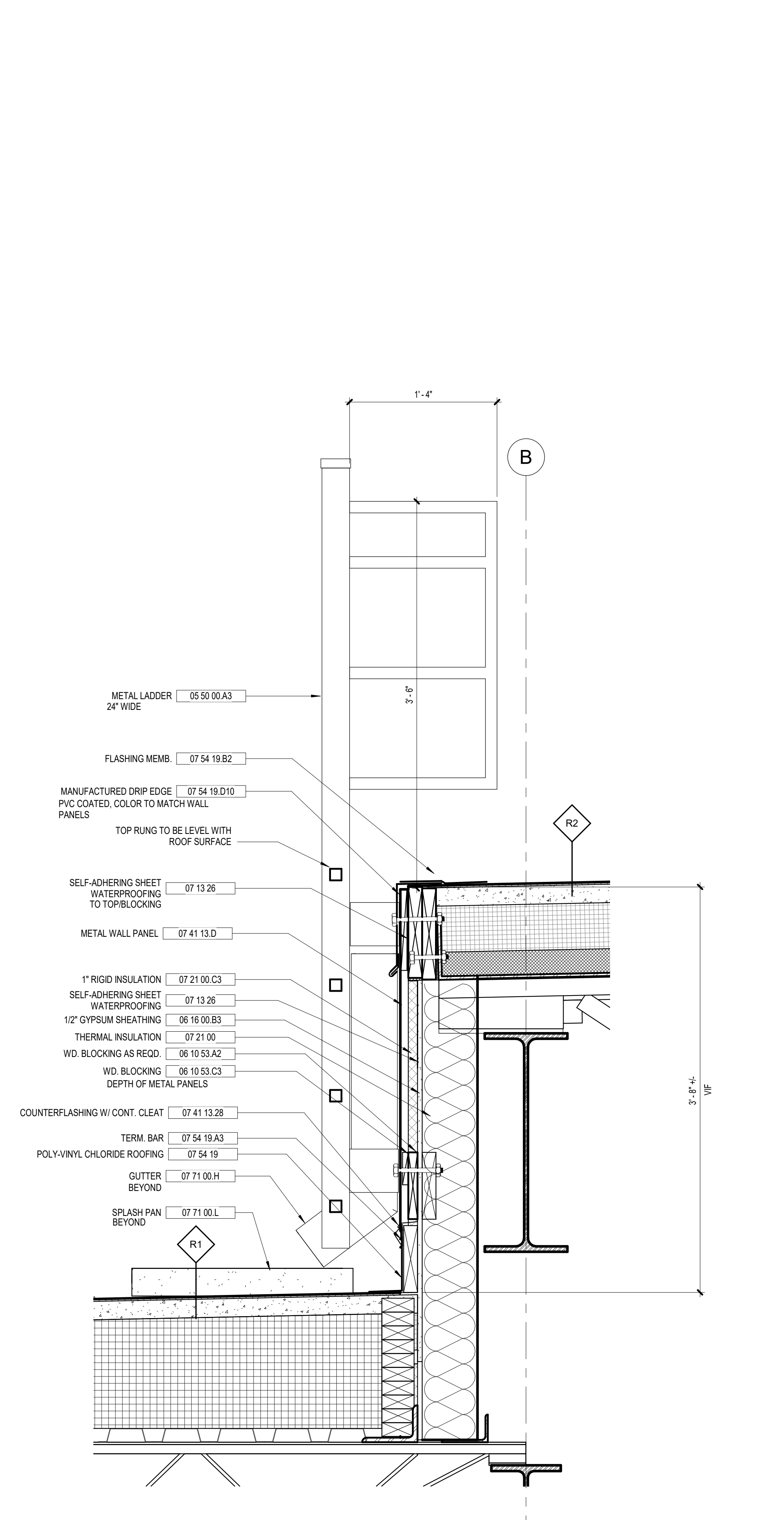
5 VIBRATION ISOLATION CURB DETAIL
A8.32 3" = 1'-0"



6 ROOF HATCH DETAIL
A8.32 1 1/2" = 1'-0"



8 GUTTER AT HI-LO
A8.32 1 1/2" = 1'-0"



9 DETAIL AT LADDER AT HI-LO
A8.32 1 1/2" = 1'-0"

GENERAL SECTION NOTES	
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FACILITY CODE: 1607
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BID NO#: C22-01

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MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE, SUITE 100 SAVANNAH, GA 31406

KEY PLAN:

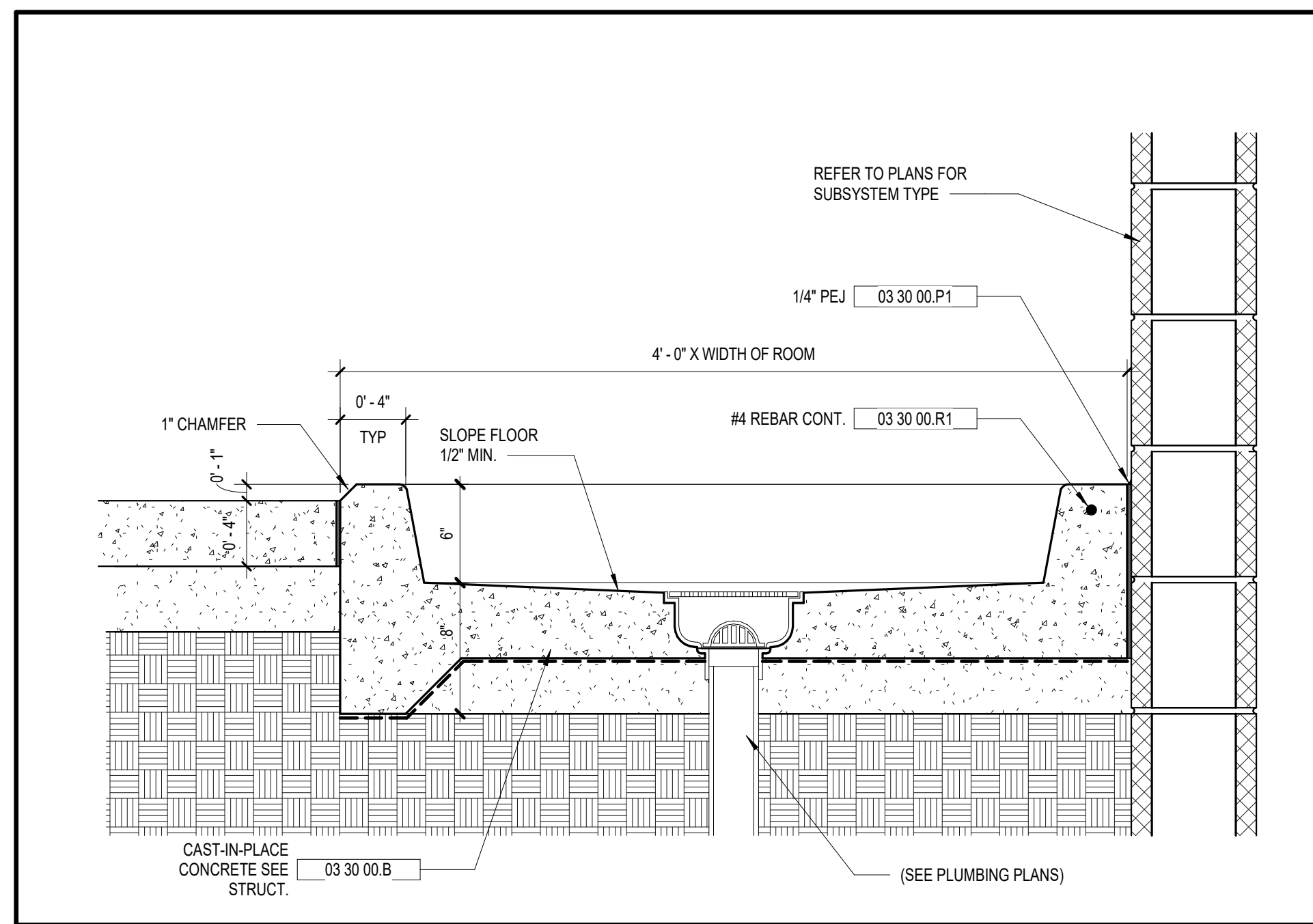
SHEET TITLE:
ROOF DETAILS

REVISION SCHEDULE	
DATE	DESCRIPTION

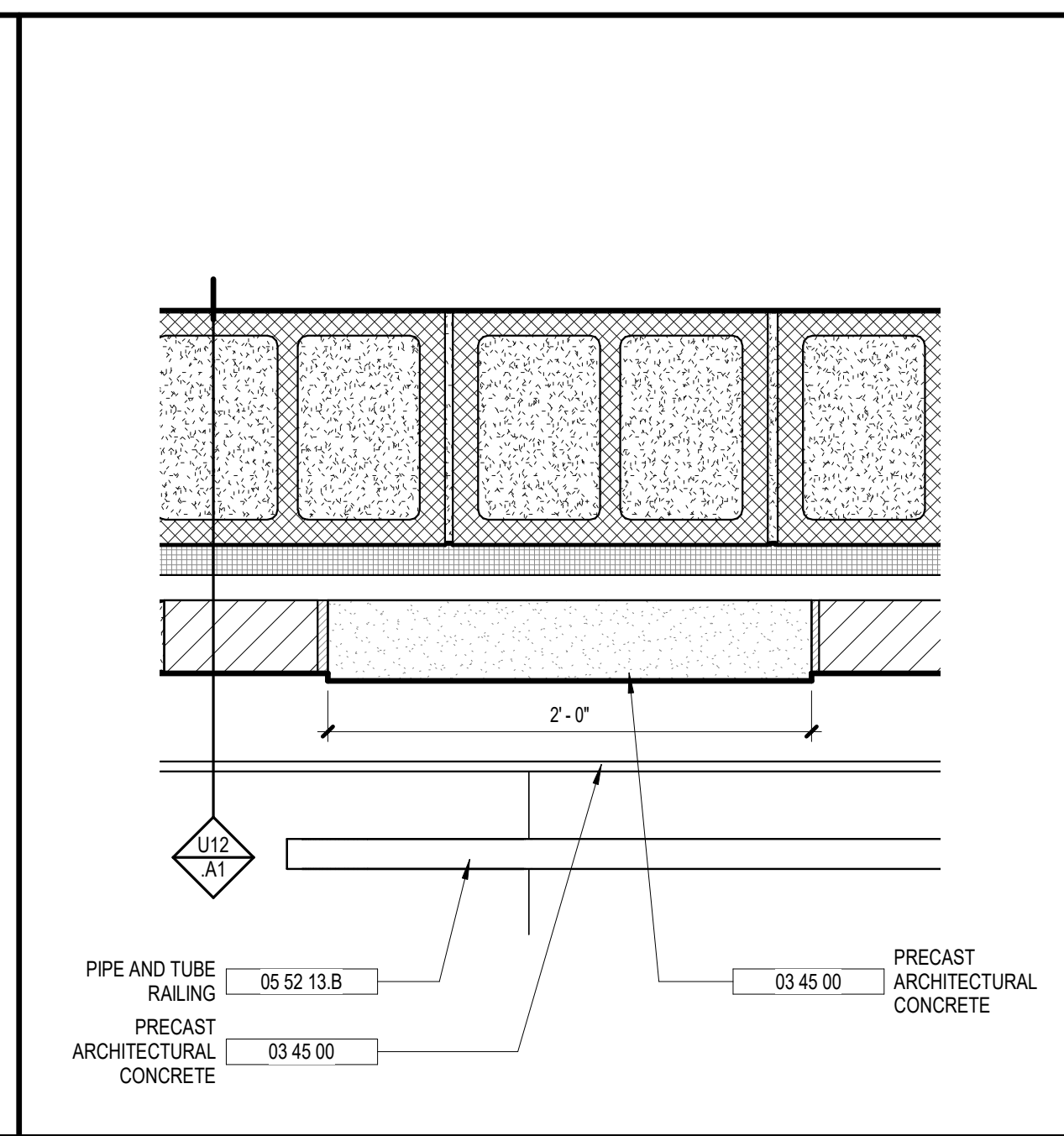
PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: RML
SCALE: As indicated
SHEET: **A8.32**

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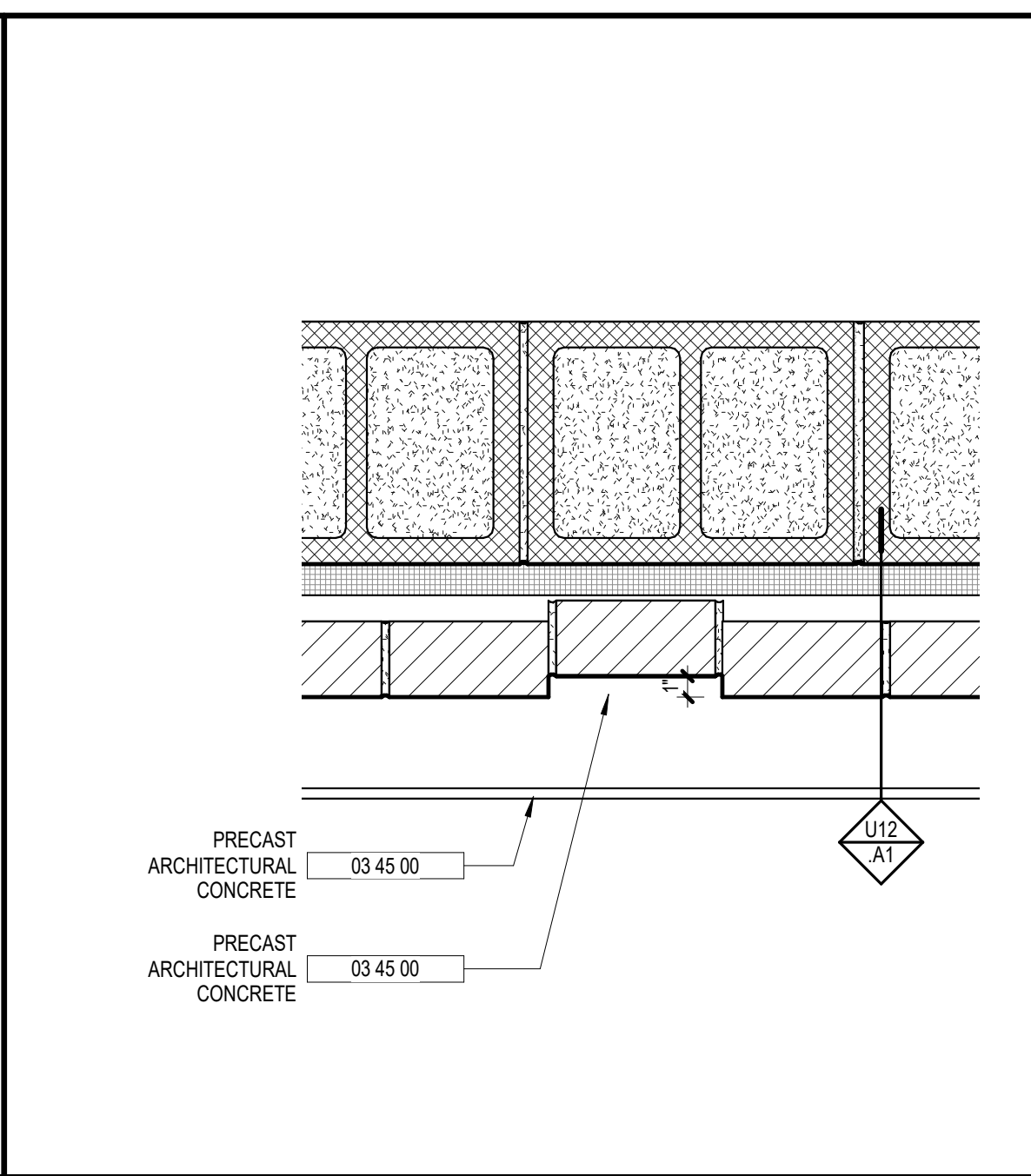
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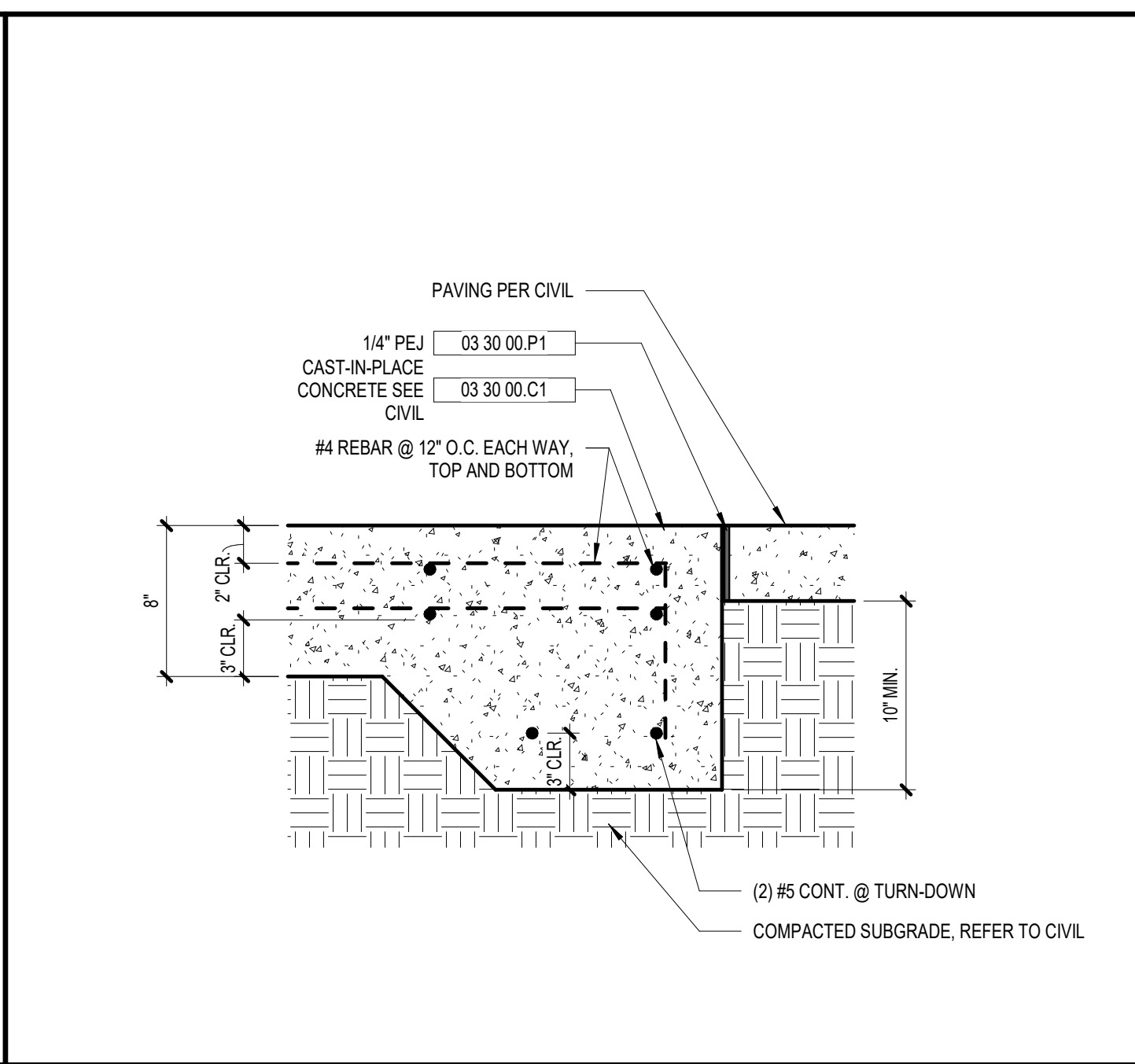
1 CAN WASH DETAIL
A8.41 1 1/2" = 1'-0"



2 PLAN DETAIL @ CAST STONE PILASTER
A8.41 1 1/2" = 1'-0"

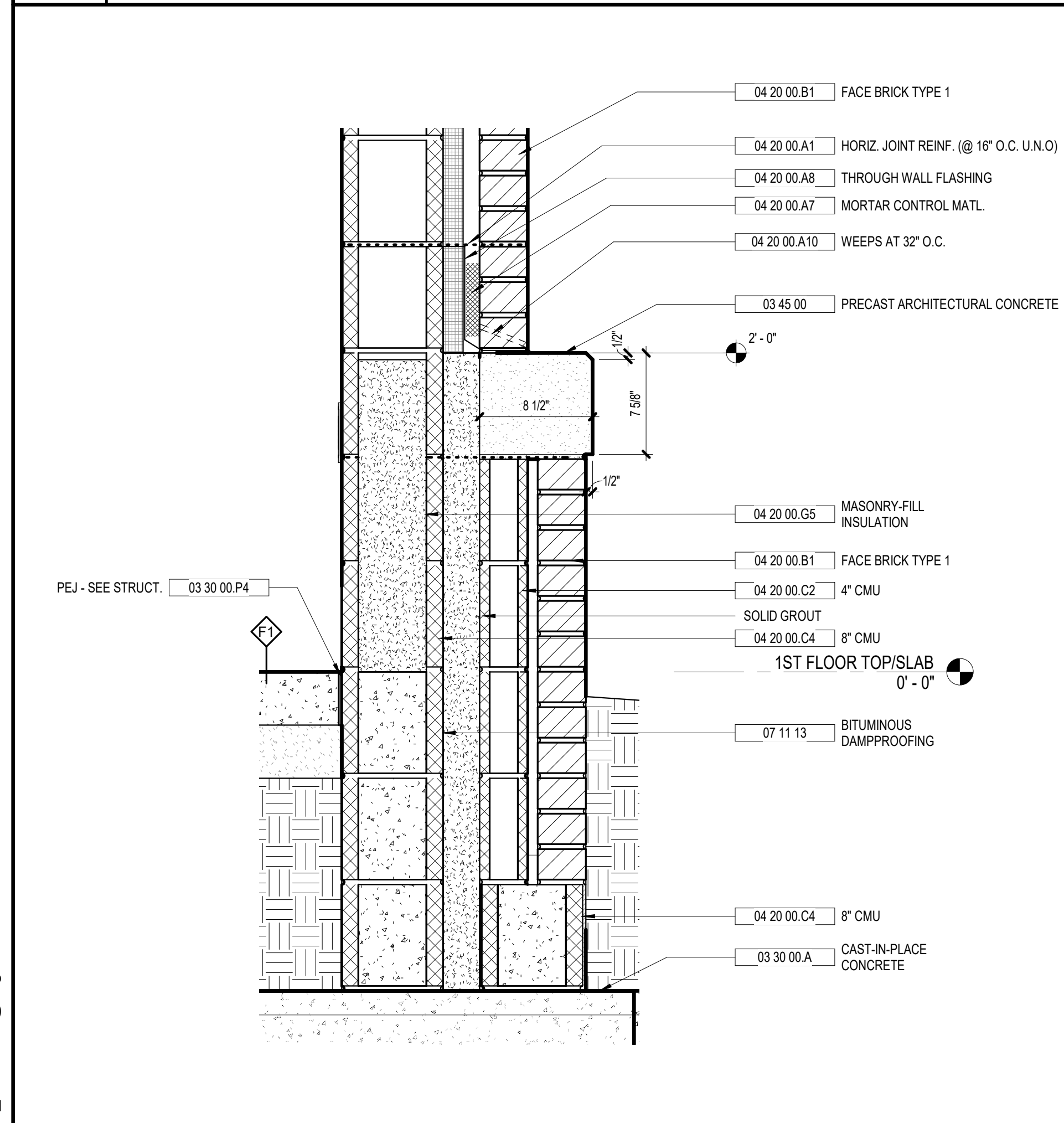


3 PLAN DETAIL @ RECESSED BRICK
A8.41 1 1/2" = 1'-0"

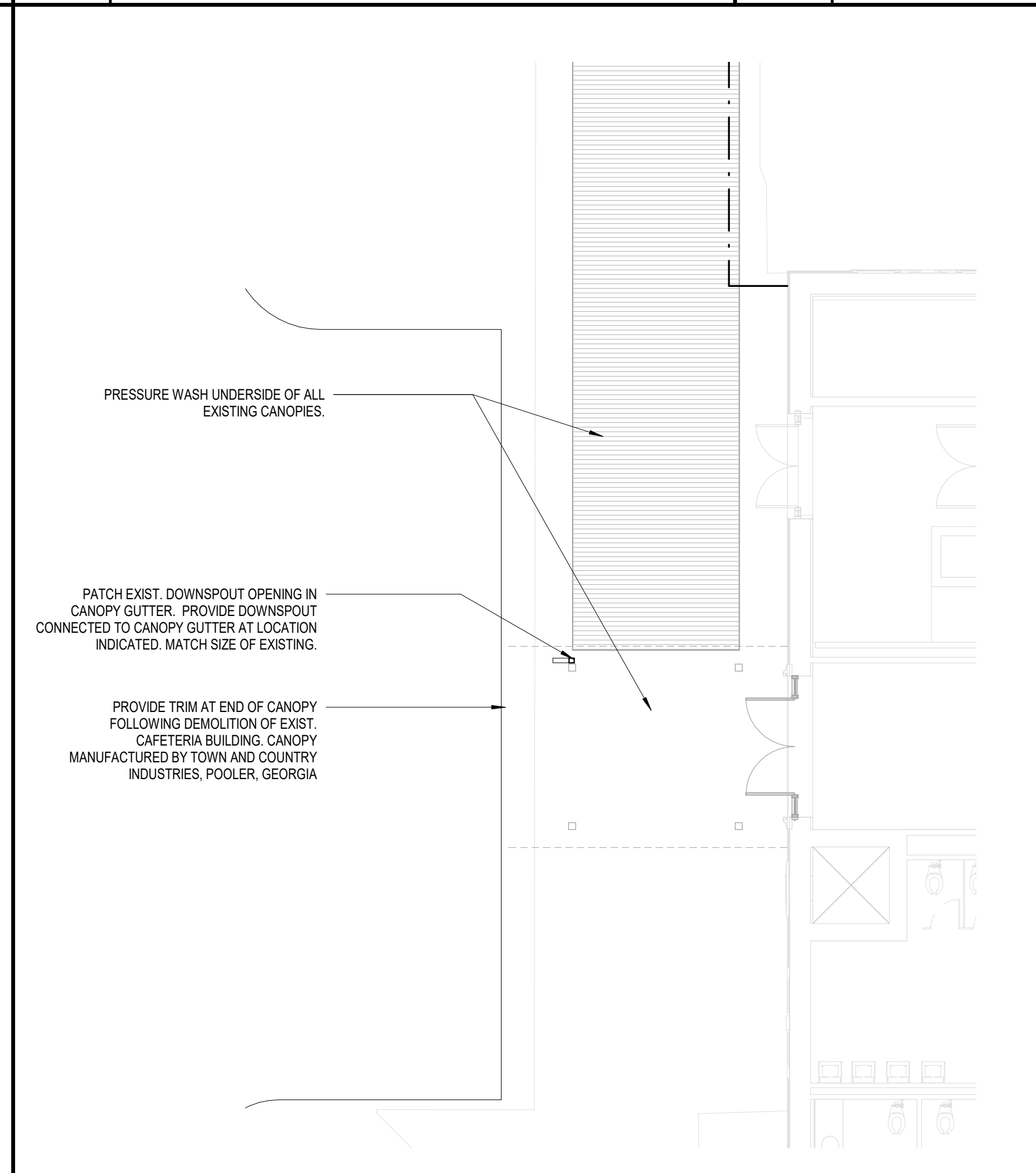


4 TRASH COMPACTOR PAD DETAIL
A8.41 1 1/2" = 1'-0"

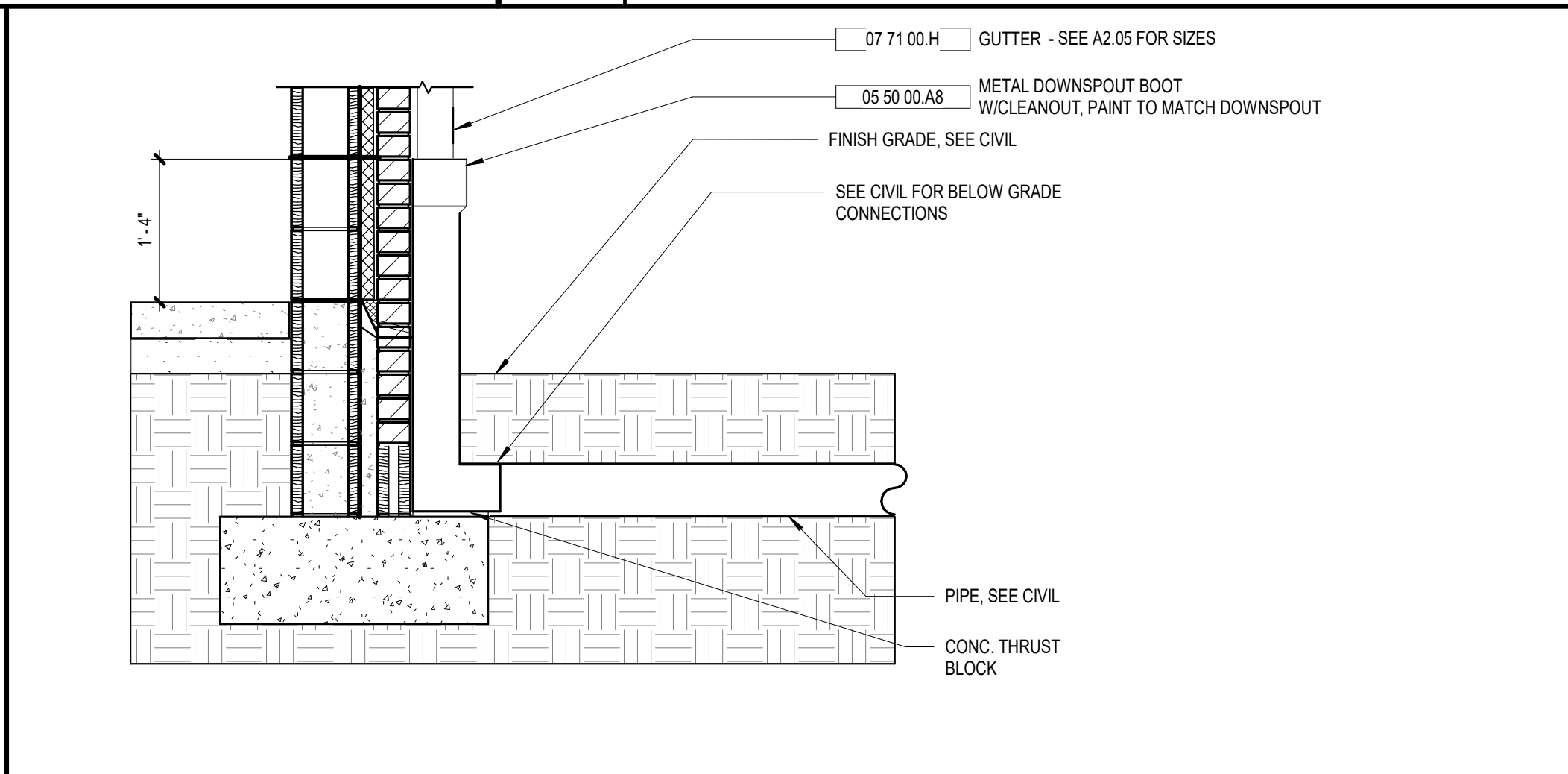
KEYNOTE LEGEND - BY SHEET	
NO.	NOTE
03 30 00 A	CAST-IN-PLACE CONCRETE
03 30 00 B	CAST-IN-PLACE CONCRETE SEE STRUCT.
03 30 00 C	CONC. FTG. SEE STRUCT.
03 30 00 C1	CAST-IN-PLACE CONCRETE SEE CIVIL
03 30 00 P1	1/4\" PEJ
03 30 00 P2	1/2\" PEJ
03 30 00 P4	PEJ - SEE STRUCT.
03 30 00 R1	#4 REBAR CONT.
03 45 00	PRECAST ARCHITECTURAL CONCRETE
04 20 00 A1	HORIZ. JOINT REINF. (@ 16\" O.C. U.N.O.)
04 20 00 A7	MORTAR CONTROL MATL.
04 20 00 A8	THROUGH WALL FLASHING
04 20 00 A10	WEEPS AT 32\" O.C.
04 20 00 B1	FACE BRICK TYPE 1
04 20 00 C2	4\" CMU
04 20 00 C4	8\" CMU
04 20 00 C7	4\" CMU WHERE CONCEALED
04 20 00 G5	MASONRY-FILL INSULATION
05 12 00	STRUCTURAL STEEL SEE STRUCT.
05 50 00 A8	METAL DOWNSPOUT BOOT
05 50 00 L	3/8\" S.S. DOWEL
05 52 13 B	PIPE AND TUBE RAILING
07 11 13	BITUMINOUS DAMPPROOFING
07 11 00 H	GUTTER
08 91 19	FIXED LOUVERS



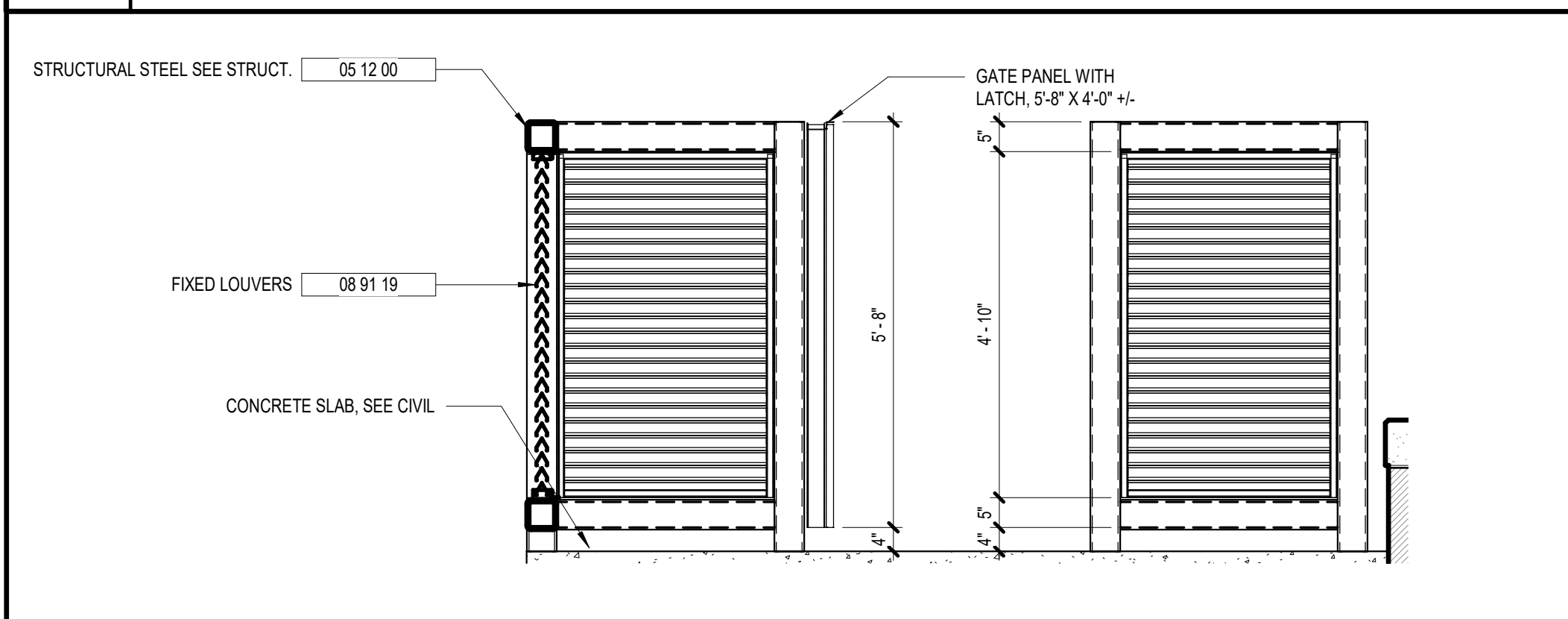
5 WALL BASE DETAIL
A8.41 1 1/2" = 1'-0"



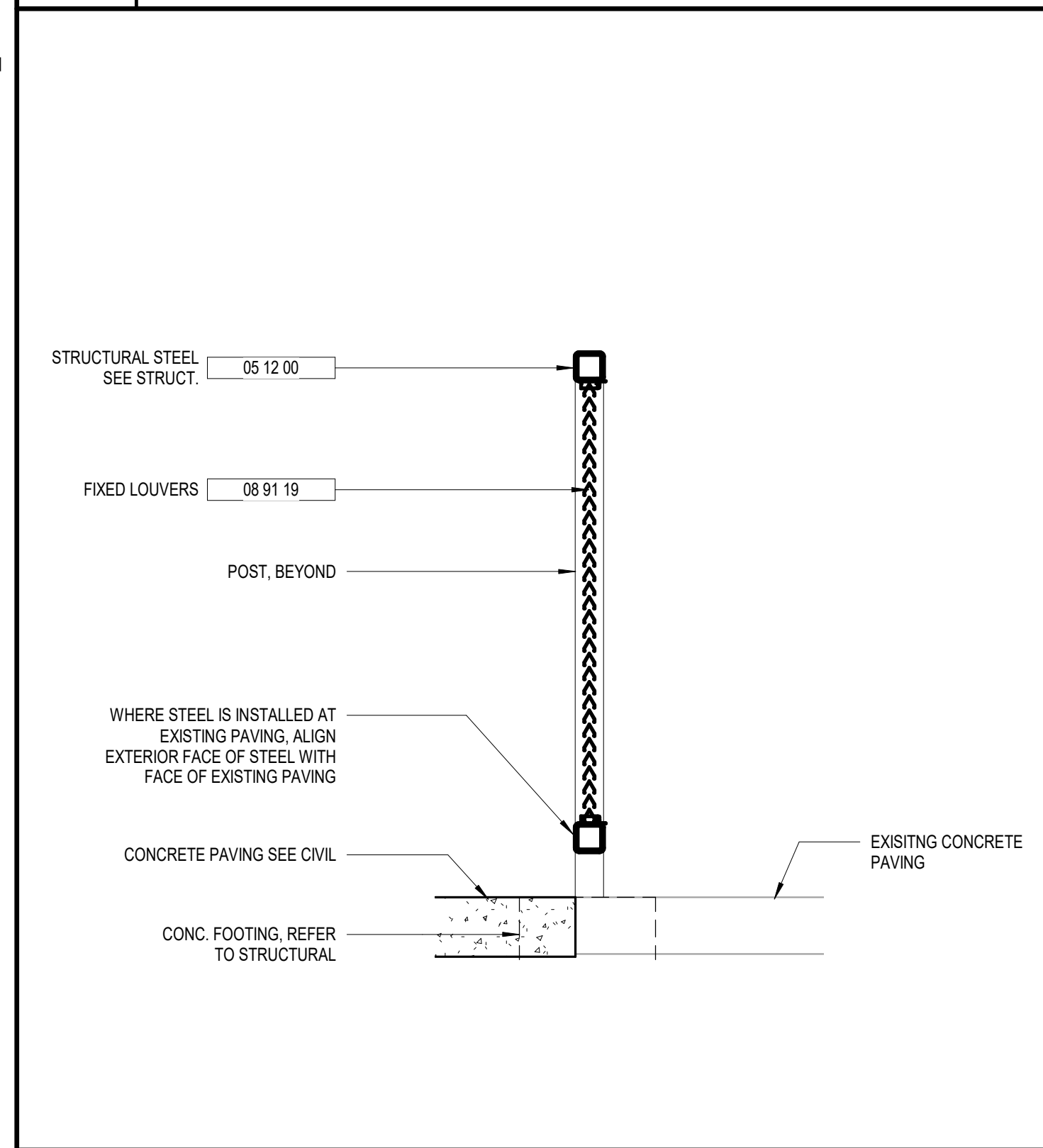
6 EXIST. CANOPY MODIFICATIONS
A8.41 1/8" = 1'-0"



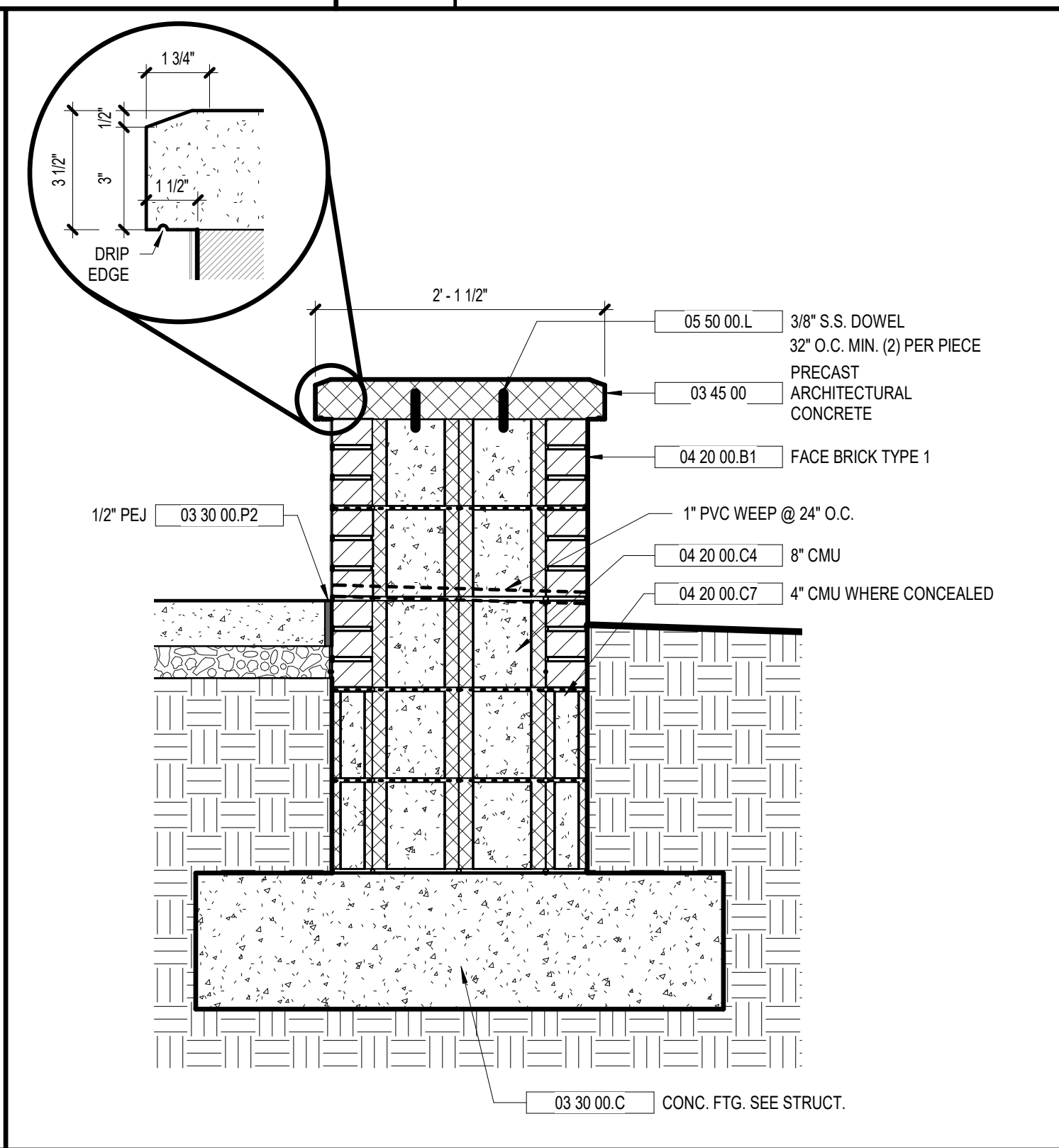
7 DOWNSPOUT BOOT DETAIL
A8.41 3/4" = 1'-0"



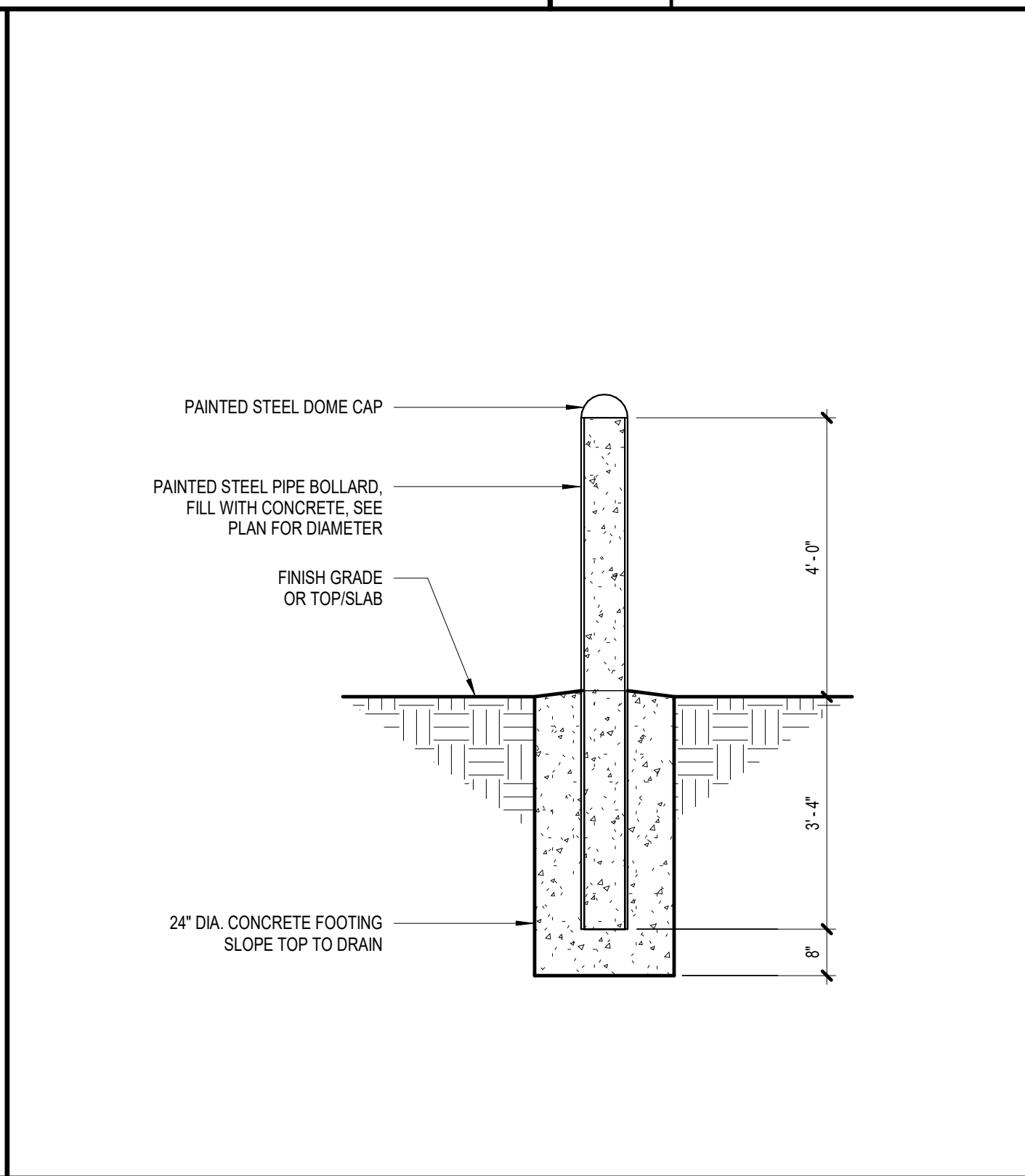
8 RECYCLING ENCLOSURE (ALTERNATE)
A8.41 1/2" = 1'-0"



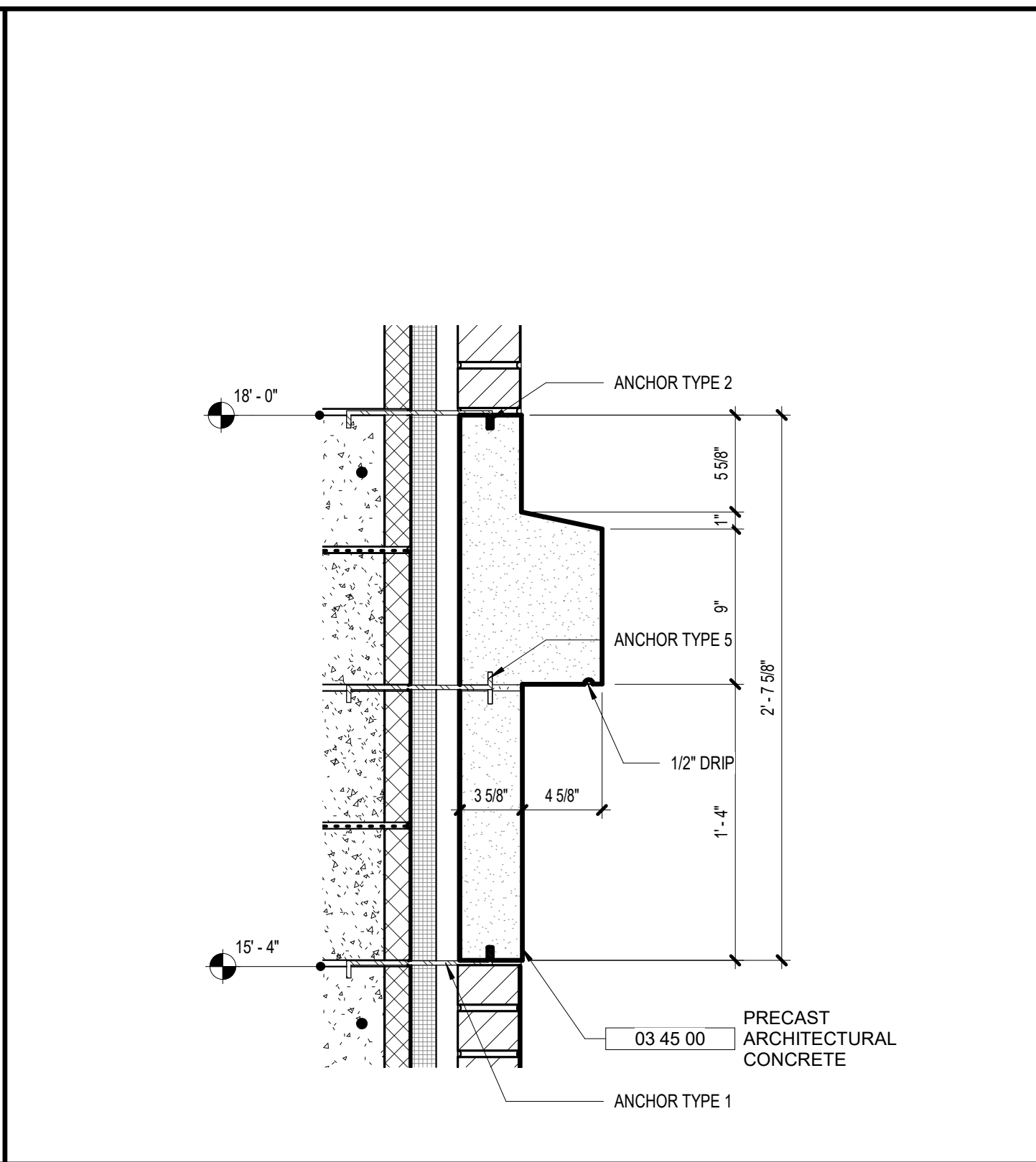
9 SECTION AT MECH YARD (ADD ALTERNATE)
A8.41 1/2" = 1'-0"



10 SECTION @ LOW WALL
A8.41 1" = 1'-0"



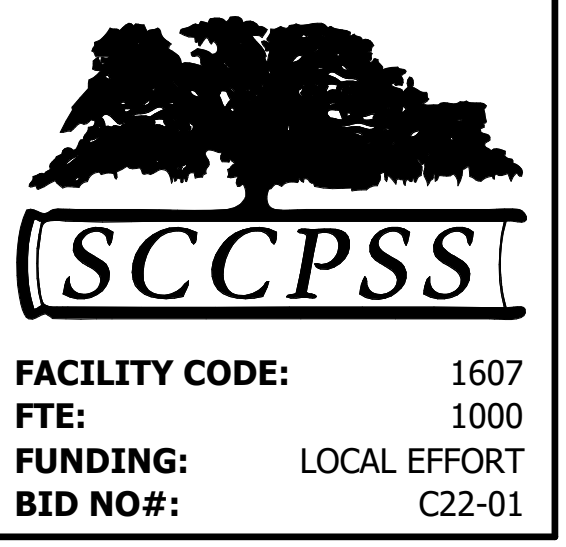
11 BOLLARD DETAIL
A8.41 1/2" = 1'-0"



12 PRECAST CONCRETE BAND DETAIL
A8.41 1 1/2" = 1'-0"

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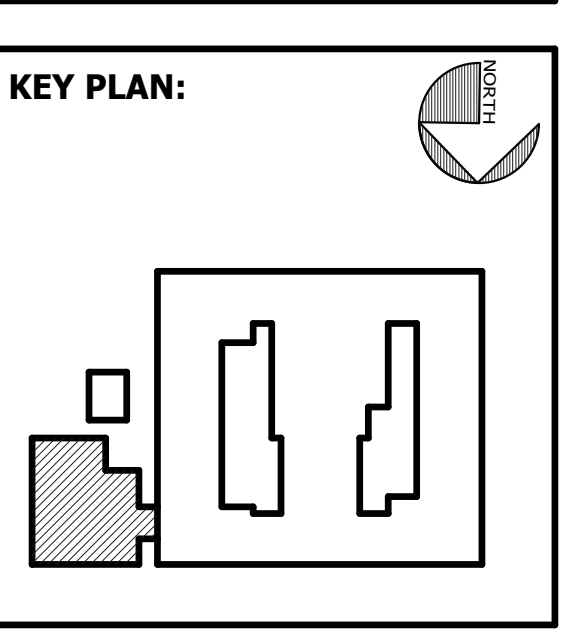
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SHEET TITLE:
EXTERIOR DETAILS

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: RML
SCALE: As indicated
SHEET: **A8.41**

ROOM FINISH SCHEDULE

NO	ROOM/SPACE	FLOOR	BASE	WALLS (BASED ON TRUE NORTH)				CLG	REMARKS
				SOUTH	WEST	NORTH	EAST		
500	VESTIBULE	VCT	VB	PT-X	--	PT-X	PT-X	PT-X	NOTE 4
501	VESTIBULE	CFT-2	VB	PT-6	PT-6	PT-6	PT-6	APC-2/PT-10	
502	DINING - CIRCULATION	TER-1,2,3	VB	PT-7	PT-10	PT-6	PT-6	PT-10	ADDITIVE ALTERNATE NO. 3, NOTE 1
503	DINING CIRCULATION	TER-1,2,3	VB	PT-7	PT-10	PT-6	PT-6	PT-10	ADDITIVE ALTERNATE NO. 3, NOTE 1
504	CORRIDOR	TER-1,2,3	VB	PT-6	PT-6	PT-6	PT-6	APC-2	ADDITIVE ALTERNATE NO. 3
505	MEN	CFT-1	COB-1	CWT-1/PT-6	CWT-1/PT-6	CWT-1/PT-6	CWT-1/PT-6	PT-10	
506	JAN.	CFT-1	COB-1	EPT-6	CWT-1EPT-6	CWT-1EPT-6	EPT-6	--	NOTE 3
507	CHASE	SC	--	--	--	--	--	--	
508	WOMEN	CFT-1	COB-1	CWT-1/PT-6	CWT-1/PT-6	CWT-1/PT-6	CWT-1/PT-6	PT-10	
509	IDF	LVT-1	VB	PT-1	PT-1	PT-1	PT-1	APC-2	
510	TABLE & CHAIR STORAGE	SC	VB	PT-6	PT-6	PT-6	PT-6	APC-2	
511	SERVING	CFT-2/TER-1,2,3	COB-3	EPT-1	EPT-1	EPT-7	EPT-1	APC-4/APC-5	
512	DISHWASHING	CFT-2	COB-3	EPT-1	EPT-1	EPT-1	EPT-1	APC-4	
513	FOOD PREP	CFT-2	COB-3	EPT-1	EPT-1	EPT-1	EPT-1	APC-4, SEPT-1	
514	CHEM. STOR.	CFT-2	COB-1,3	EPT-1	EPT-1	EPT-1	EPT-1	APC-4	
515	ELEC.	SC	--	--	--	--	--	--	
516	NOT USED	--	--	--	--	--	--	--	
517	OFFICE	CFT-3	COB-3	EPT-1	EPT-1	EPT-1	EPT-1	APC-2	
518	OFFICE	CFT-3	COB-3	EPT-1	EPT-1	EPT-1	EPT-1	APC-2	
519	OFFICE	CFT-3	COB-3	EPT-1	EPT-1	EPT-1	EPT-1	APC-2	
520	RECEIVING	CFT-2	COB-3	EPT-1	EPT-1	EPT-1	EPT-1	APC-4	
521	LOCKER	CFT-3	COB-3	EPT-1	EPT-1	EPT-1	EPT-1	APC-2	
522	TLT	CFT-2	COB-3	EPT-1	EPT-1	EPT-1	EPT-1	APC-2	
523	RISER ROOM	SC	--	--	--	--	--	--	
524	DRY STORAGE	CFT-2	COB-3	EPT-1	EPT-1	EPT-1	EPT-1	APC-4	
525	COOLER	CFT-2	COB-3	MFG STD	MFG STD	MFG STD	MFG STD	MFG STD	NOTE 2
526	FREEZER	CFT-2	COB-3	MFG STD	MFG STD	MFG STD	MFG STD	MFG STD	NOTE 2
527	DINING CIRCULATION	TER-1,2,3	VB	PT-6	PT-6	PT-6	PT-6	PT-10	ADDITIVE ALTERNATE NO. 3, NOTE 1
528	DINING - SOUTH	TER-1,2,3	VB	PT-6	PT-6	PT-6	PT-6	PT-10	ADDITIVE ALTERNATE NO. 3, NOTE 1
529	DINING - EAST	TER-1,2,3	VB	PT-6	PT-6	PT-6	PT-6	PT-10	ADDITIVE ALTERNATE NO. 3, NOTE 1
530	DINING - NORTH	TER-1,2,3	VB	PT-6	PT-10	PT-10	PT-8	PT-10/APC-3	ADDITIVE ALTERNATE NO. 3, NOTE 1

KEYNOTE LEGEND - BY SHEET

NO.	NOTE
04 20 00 04	8" CMU BOND BEAM
05 52 13 B	PIPE AND TUBE RAILING
06 10 53 A1	P.T. WD. BLOCKING
06 10 53 A11	P.T. 2X WD. BLOCKING
06 40 23 B	SOLID SURFACE MATL.
06 40 23 B2	THRESHOLD SOLID SURFACE MATL.
06 40 23 B3A	SOLID SURFACE MATERIAL SIDESPLASH
06 40 23 B5	SOLID SURFACE WINDOW STOOL
06 40 23 C1	3/4" PARTICLE BOARD
06 40 23 C4	3/4" PARTICLE BOARD DOOR W/ PULL
06 40 23 C6	3/4" PARTICLE BOARD ADJUSTABLE SHELF W/ SOLID NOSING
06 40 23 C8	3/4" PARTICLE BOARD BOTTOM W/ SOLID NOSING
06 40 23 C17	RECESSED METAL STANDARDS, TYP.
06 40 23 C21	1/2" PARTICLE BOARD BACK
06 40 23 C37	3/4" MARINE GRADE PLYWOOD
06 40 23 E2	2X P.T. SLEEPER TYP.
07 92 00 A13	CONTINUOUS SEALANT
08 41 13	ALUMINUM-FRAMED ENTRANCES & STOREFRONTS
09 22 16 13 D	3 5/8" METAL STUD FRAMING
09 29 00 A5	5/8" GYPSUM BOARD
09 30 00 A3	FLOOR TILING
09 30 00 A12	CERAMIC FLOOR TILING
09 30 00 A13	CERAMIC WALL TILING
09 30 00 A15	CERAMIC COVE BASE, CCB-1
09 30 00 A16	CERAMIC COVE BASE, CCB-2
09 30 00 C6	CRACK SUPPRESSION MEMBRANE
09 51 13 A	APC 2 X 2
09 65 19	RESILIENT TILE FLOORING
09 66 13 16	MONOLITHIC TERRAZZO FLOORING
09 66 13 A	DIVIDER STRIP
09 66 13 C	TERRAZZO COVE BASE

GENERAL FINISH NOTES

- ALL SOFFITS AND BULKHEADS TO RECEIVE PAINT ON FACE AND UNDERSIDE.
- REFLECTED CEILING PLANS SHOW CHANGE AND LOCATION OF MATERIALS.
- SEE FINISH PLANS (A9.21 - A9.31) FOR LOCATION OF ALL MATERIAL CHANGES AND PATTERNS.
- DOOR/BORROW LITE FRAME PAINT COLOR TO MATCH COLOR OF IMMEDIATELY ADJACENT WALL SURFACE.
- MAKE PAINT COLOR CHANGE ON INSIDE CORNERS OF DOOR FRAMES AND WALLS.
- EXPOSED FACE OF CMU AT SERVICE AREAS TO BE PAINTED TO MATCH BRICK.
- SEE INTERIOR ELEVATIONS FOR WALL TILE PATTERNS IN ALL SPACES RECEIVING TILE.
- SEE INTERIOR ELEVATIONS FOR ACOUSTICAL WALL PANEL TYPES AND LOCATIONS.
- EXPOSED EXTERIOR CMU SHALL BE PAINTED.
- ALL EXPOSED, UNREFINISHED EXTERIOR METAL SURFACES SHALL BE PAINTED.

FINISH LEGEND

VCT	VINYL COMPOSITE TILE
LVT	LUXURY VINYL TILE
CFT	CERAMIC FLOOR TILE
SC	SEALED CONCRETE
VB	VINYL BASE
CCB	CERAMIC COVE BASE
TCB	TERRAZZO COVE BASE
PT	PAINT
EPT	EPOXY PAINT
CWT	CERAMIC WALL TILE (PATTERN)
APC	ACOUSTICAL PANEL CEILING
CWFD	CEMENTITIOUS WOOD FIBER DECK

REMARKS

- ONLY EXPOSED ROOF STRUCTURE TO BE PAINTED. UNDERSIDE OF ROOF DECK SHALL NOT BE PAINTED.
- TILE FLOORING SHALL BE THICK SET OVER MUD BED.
- SEE DETAILS 11 & 12/A5.01 FOR EXTENT OF CWT AT MOP SINK.
- VCT, VB, AND PT TO MATCH EXISTING.

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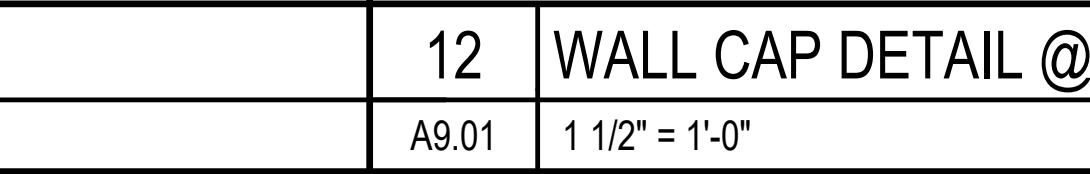
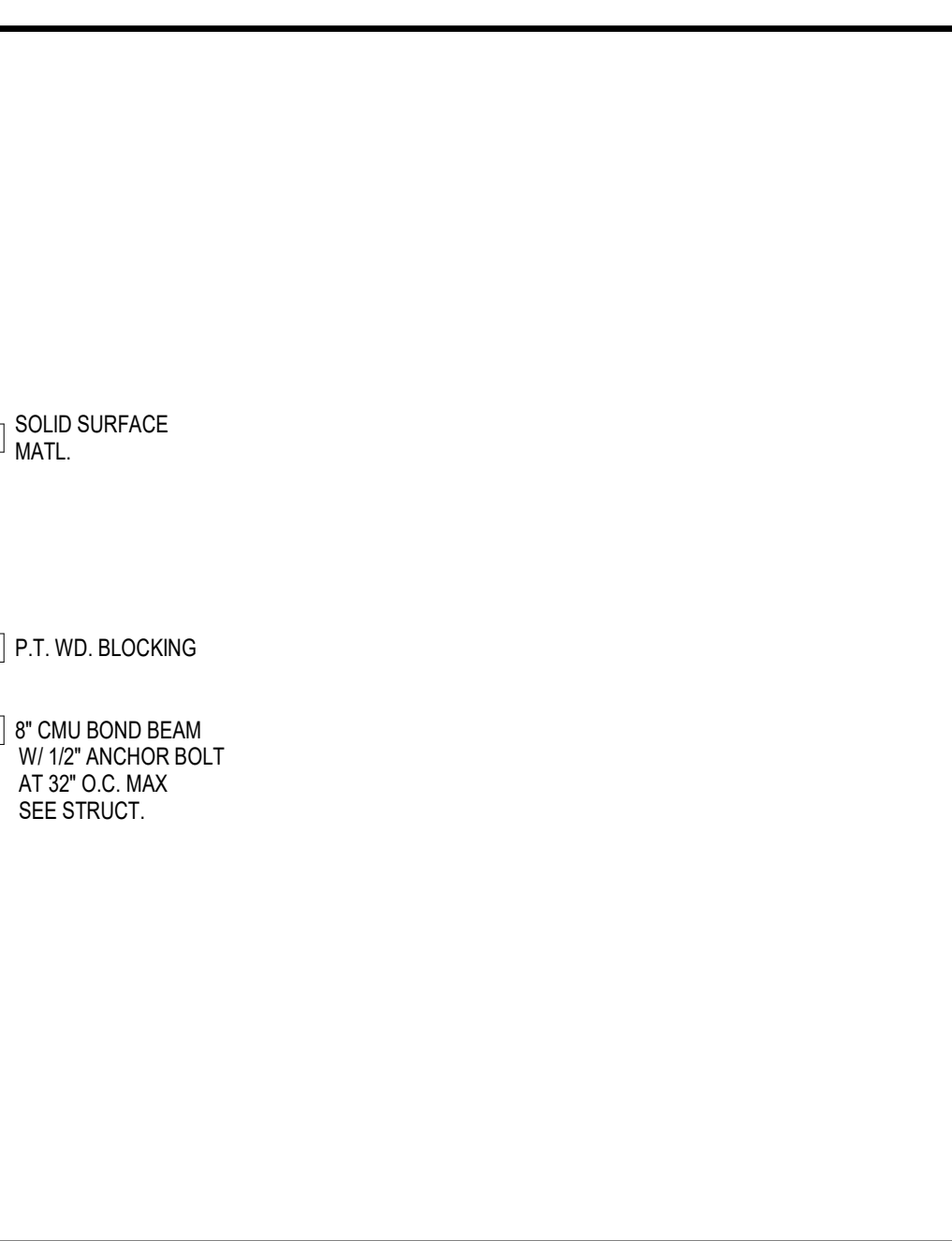
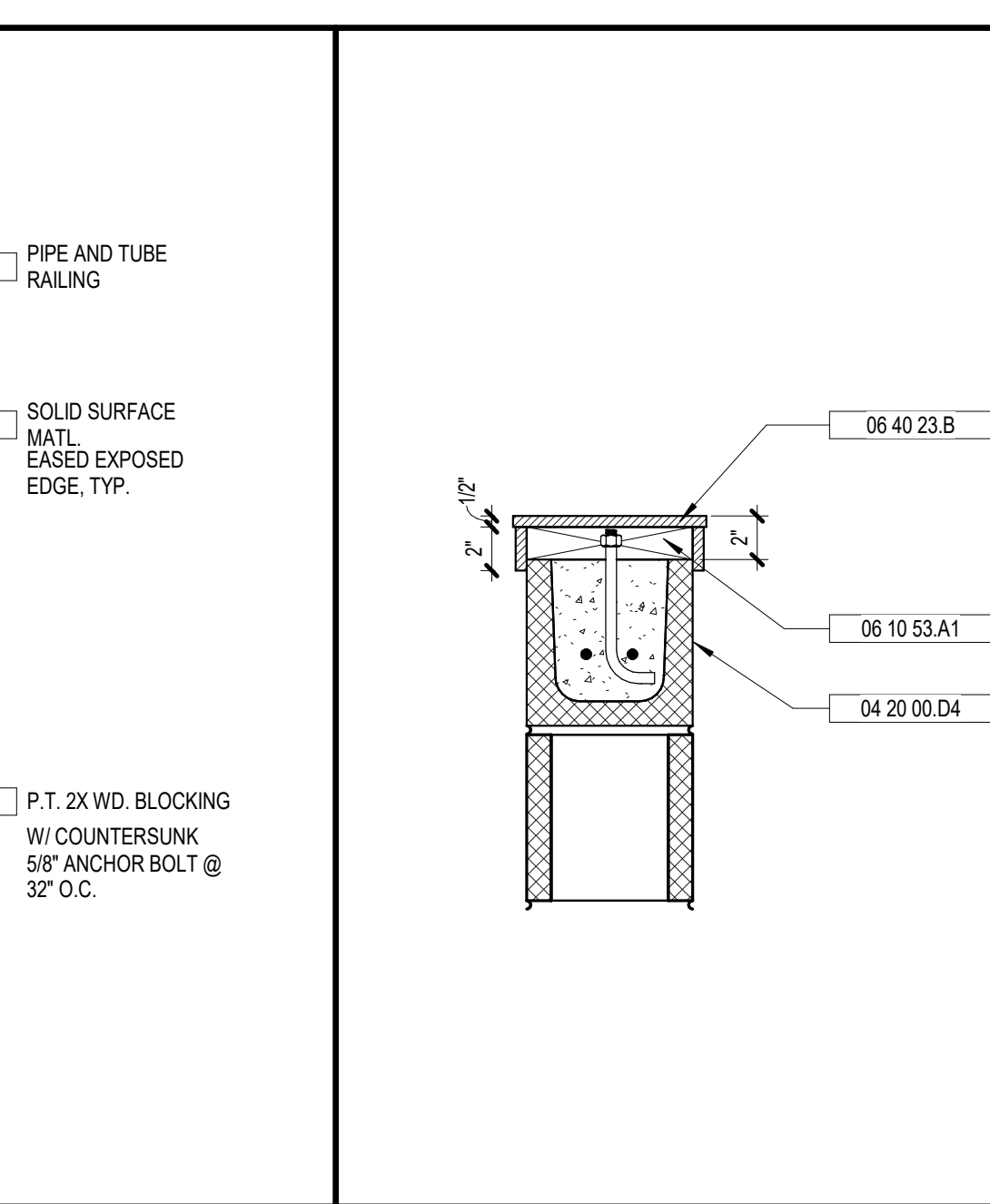
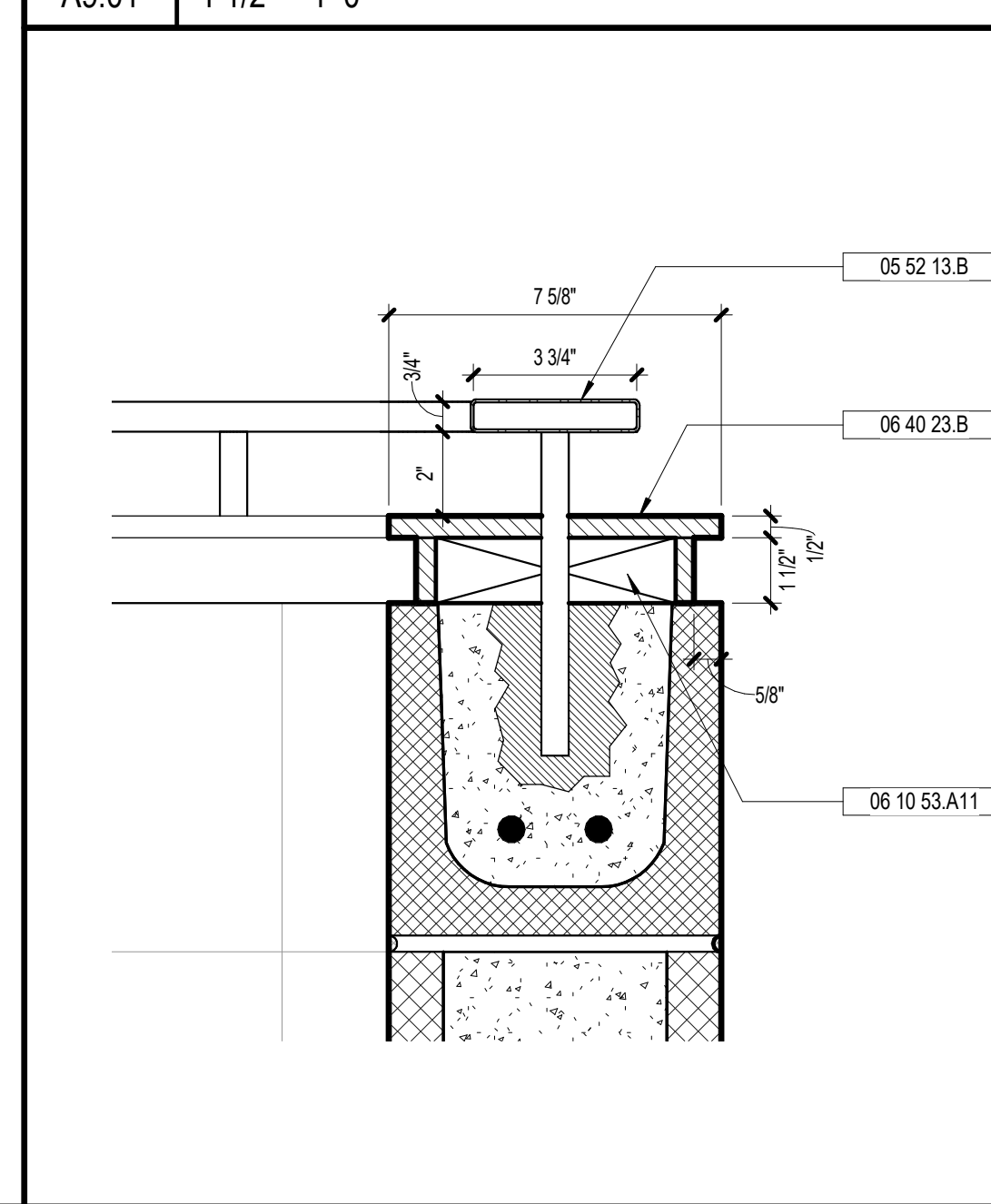
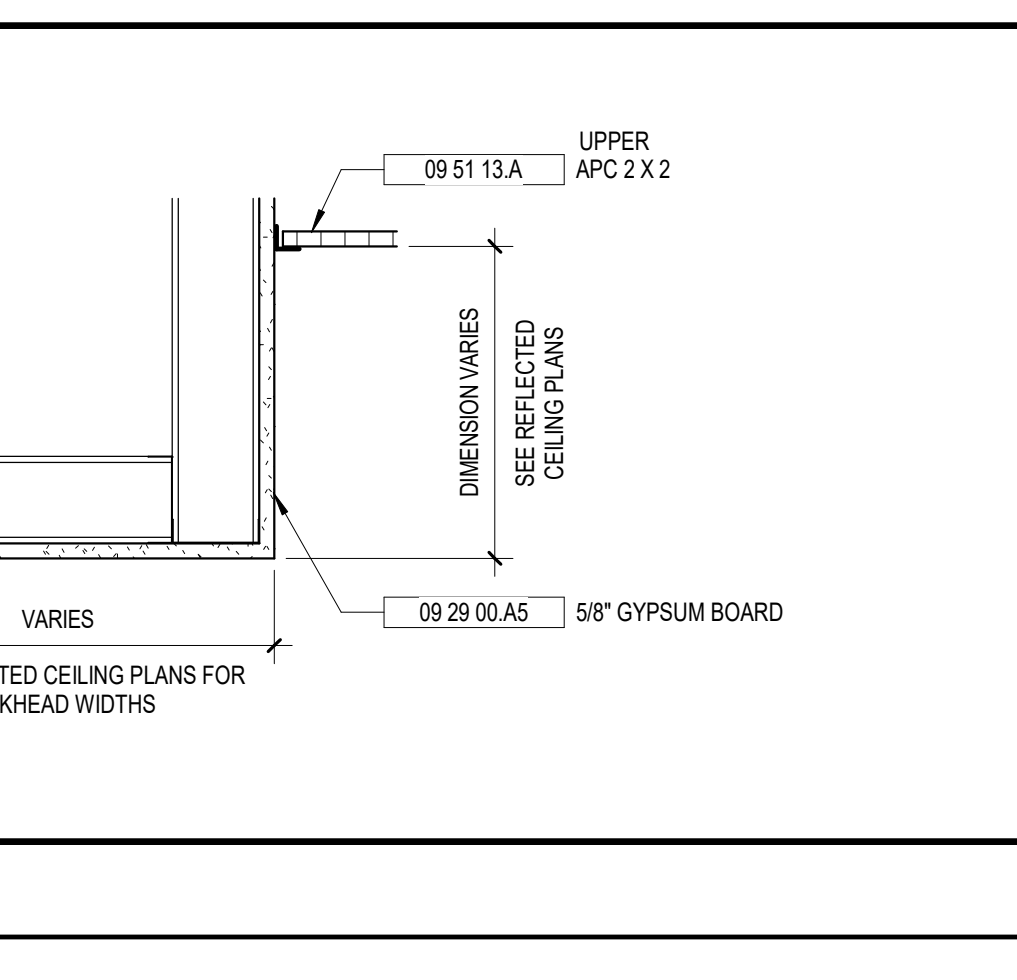
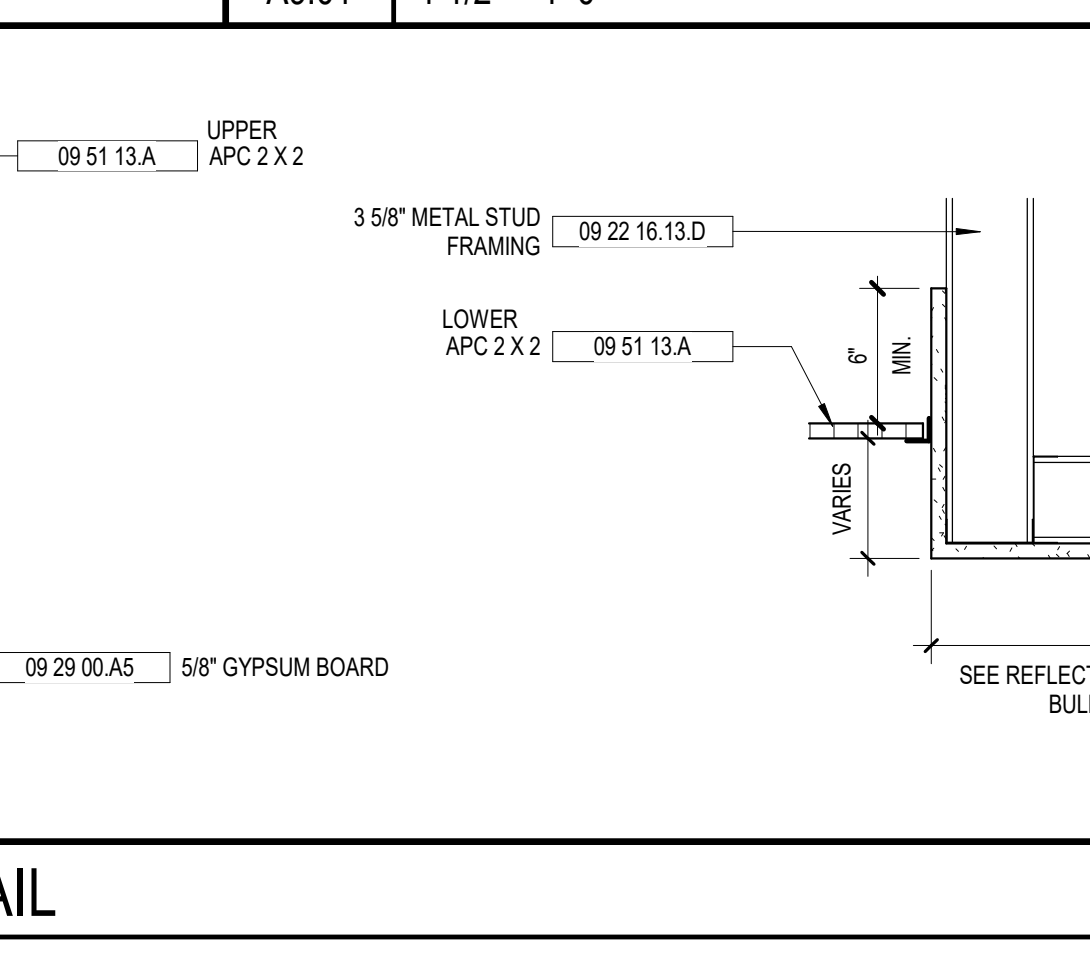
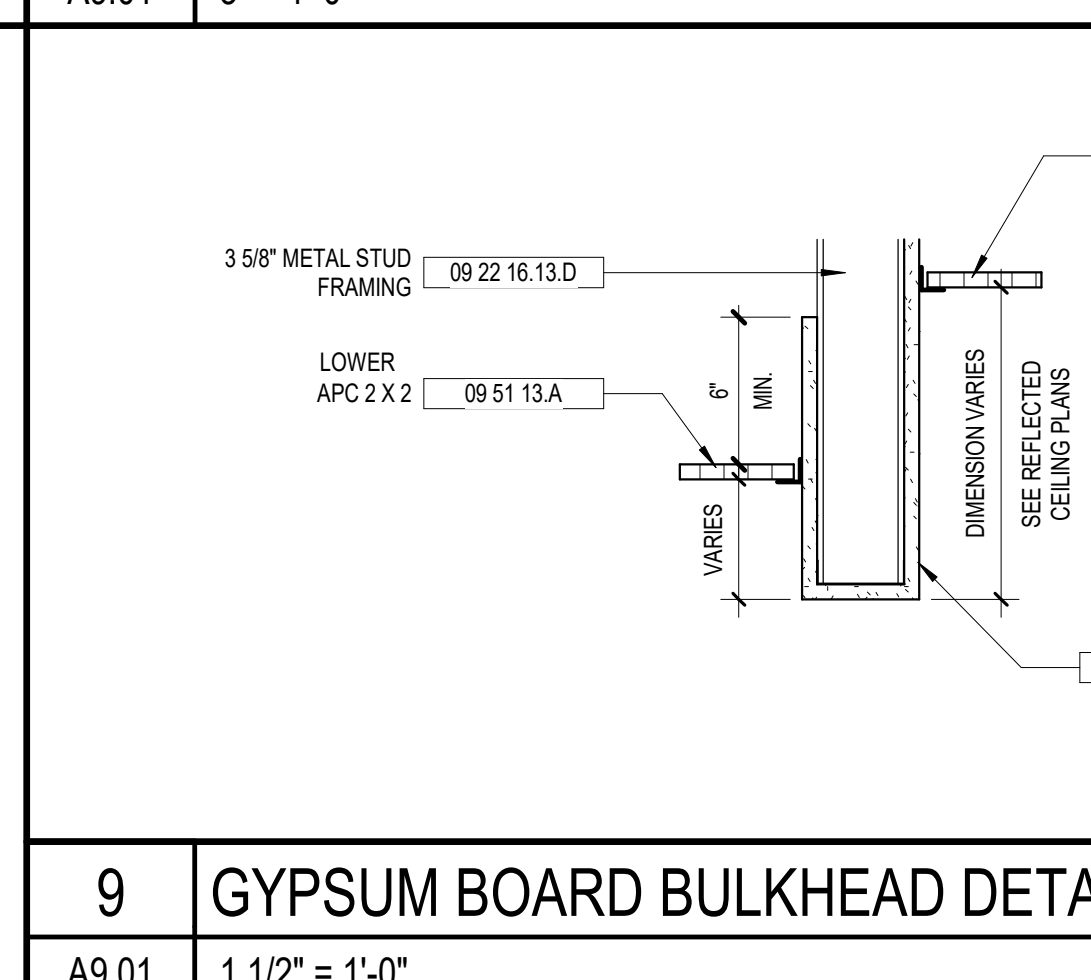
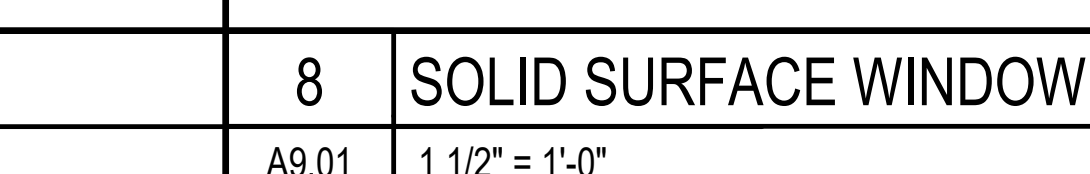
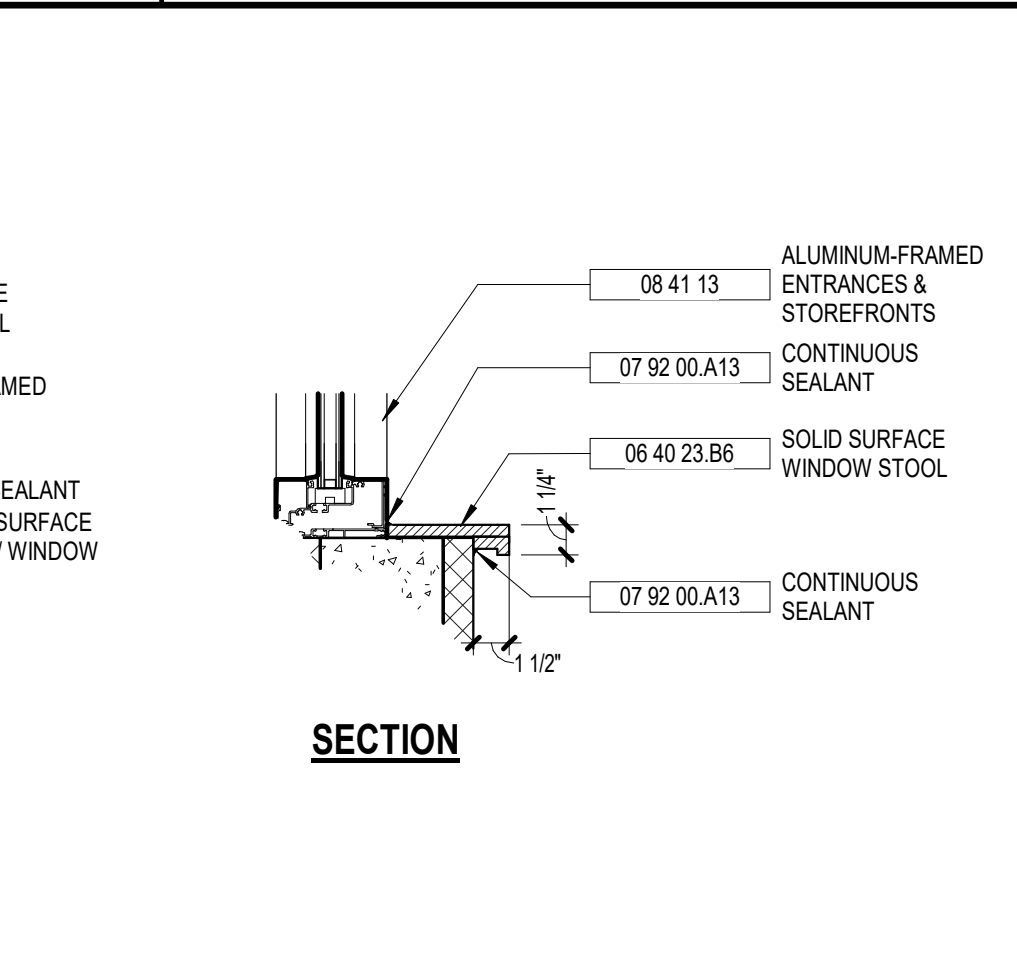
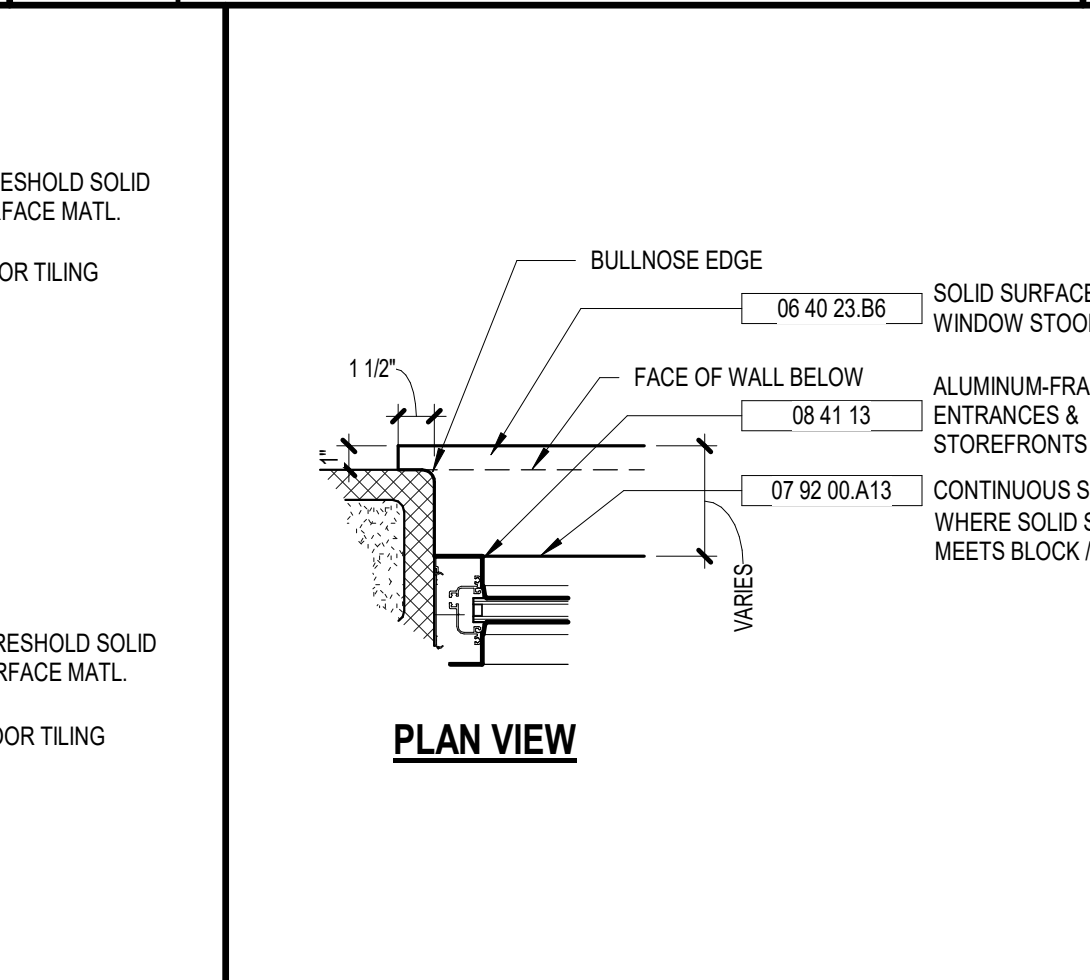
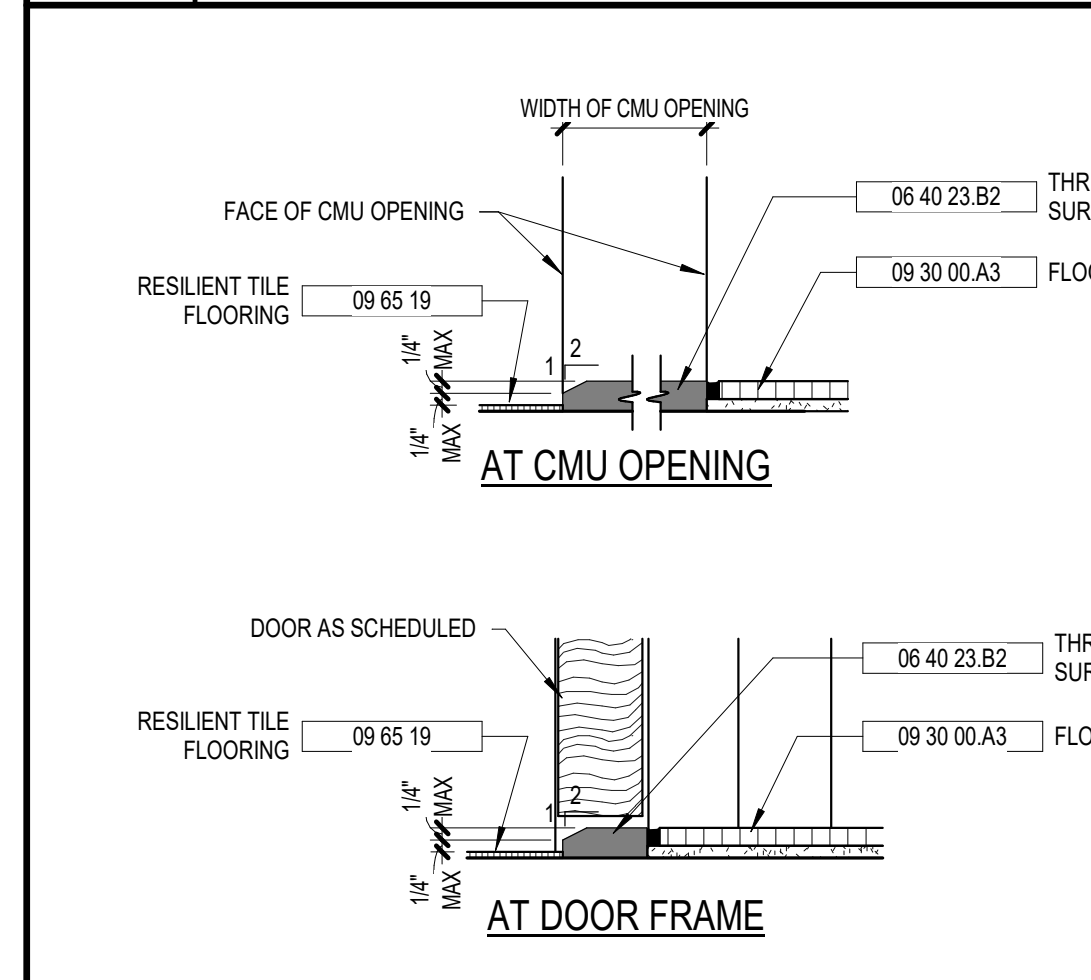
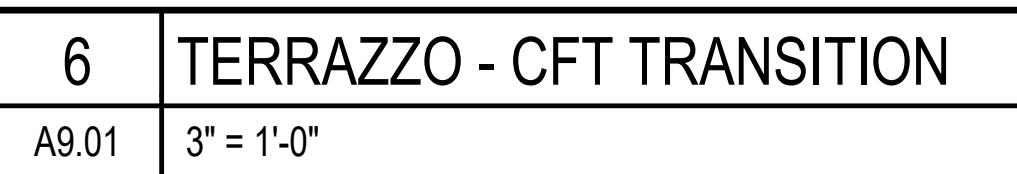
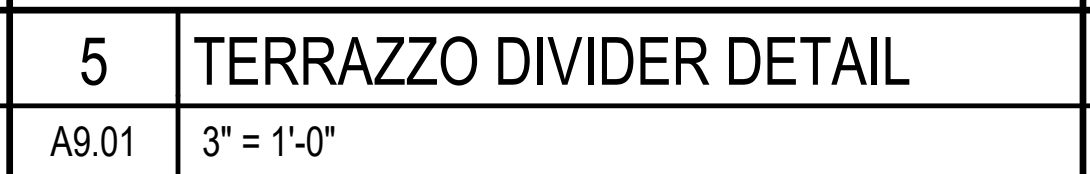
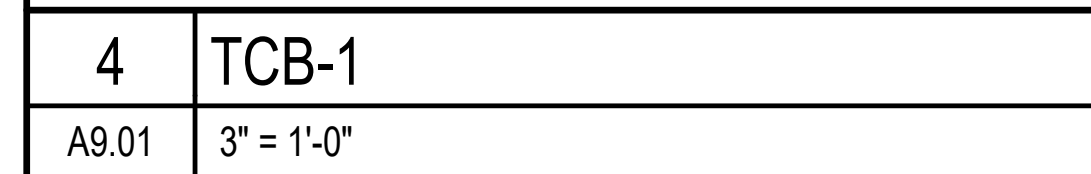
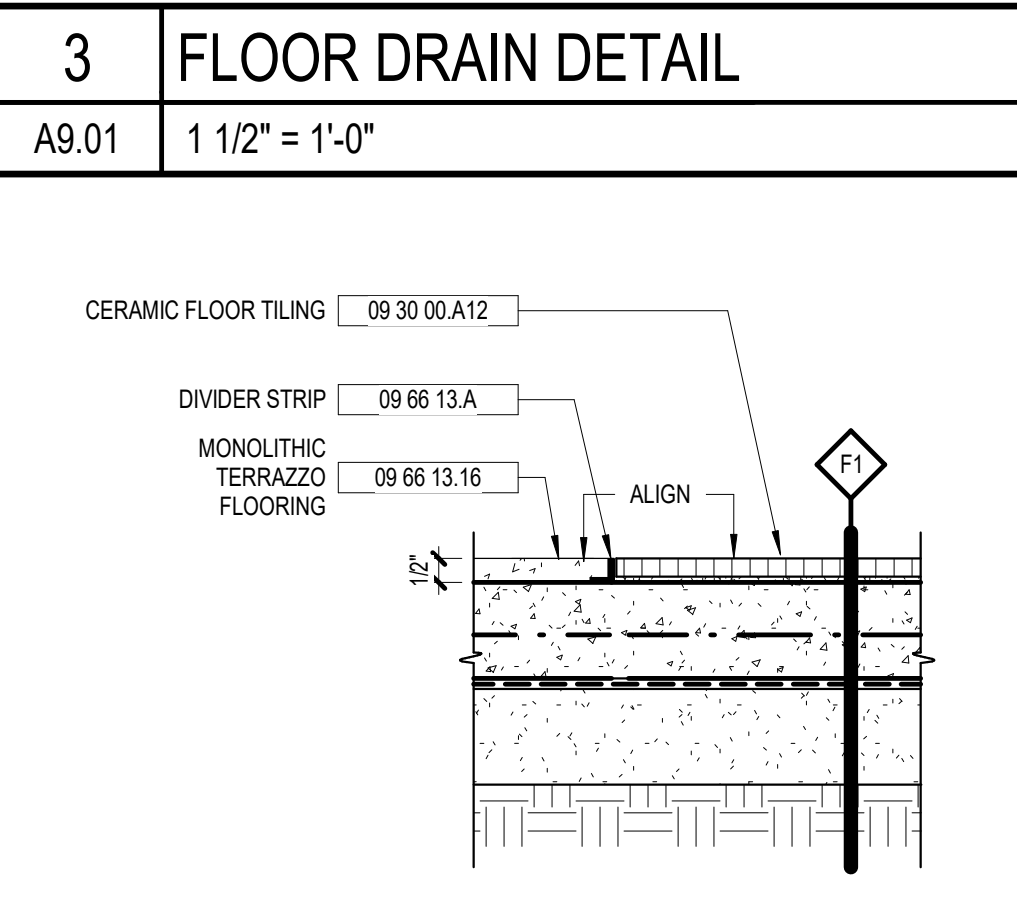
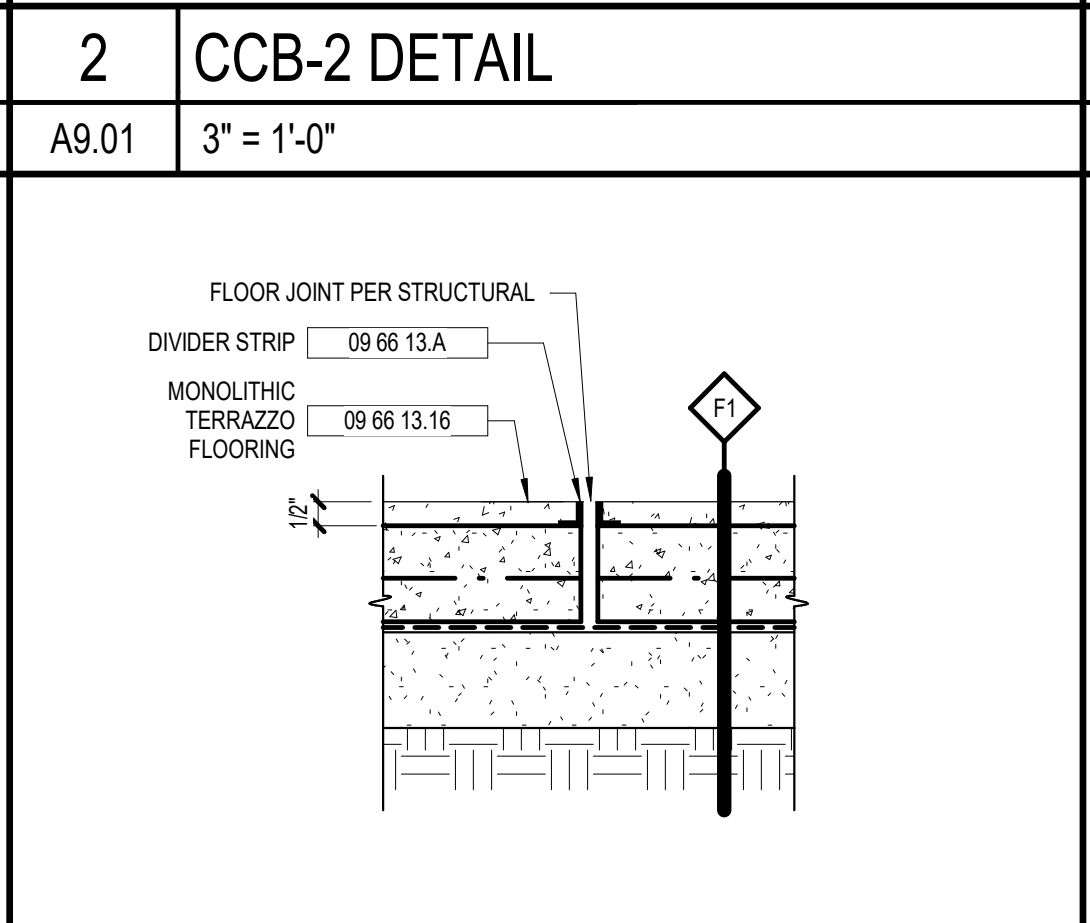
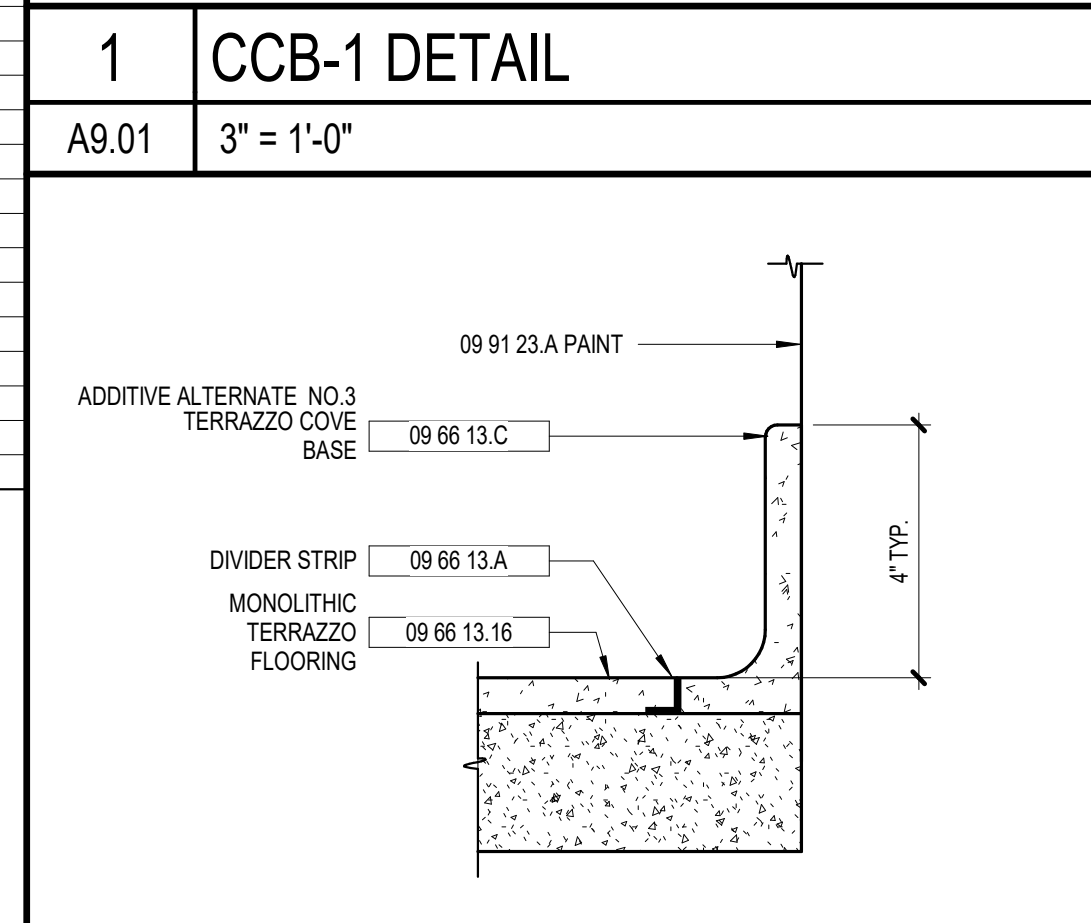
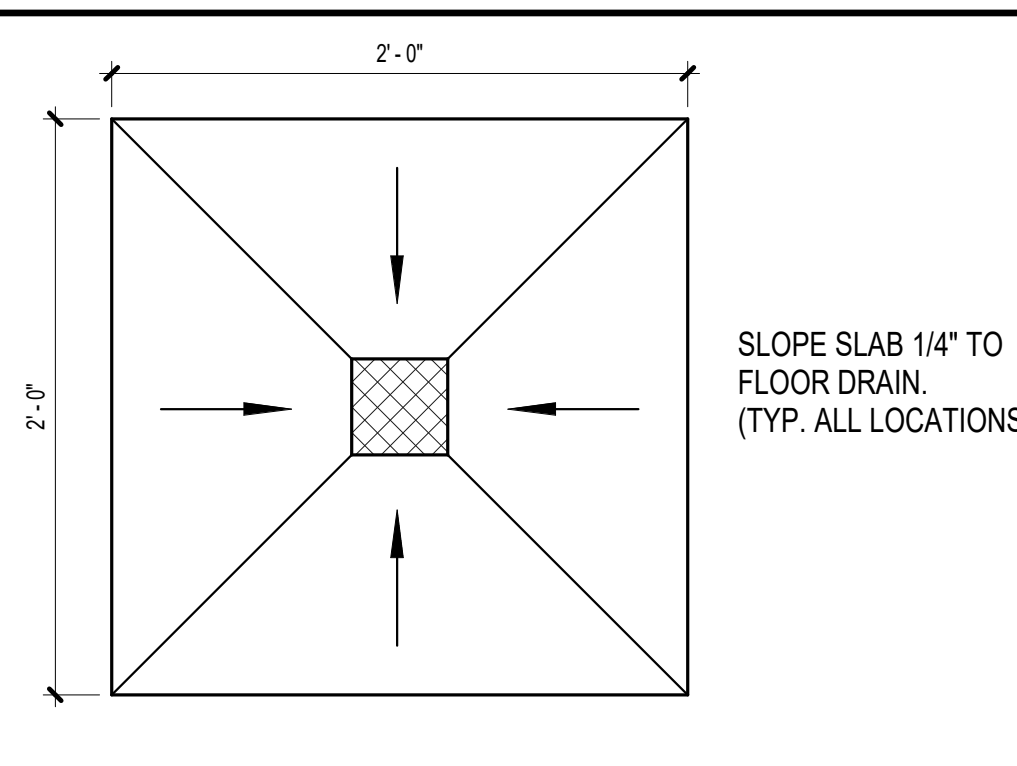
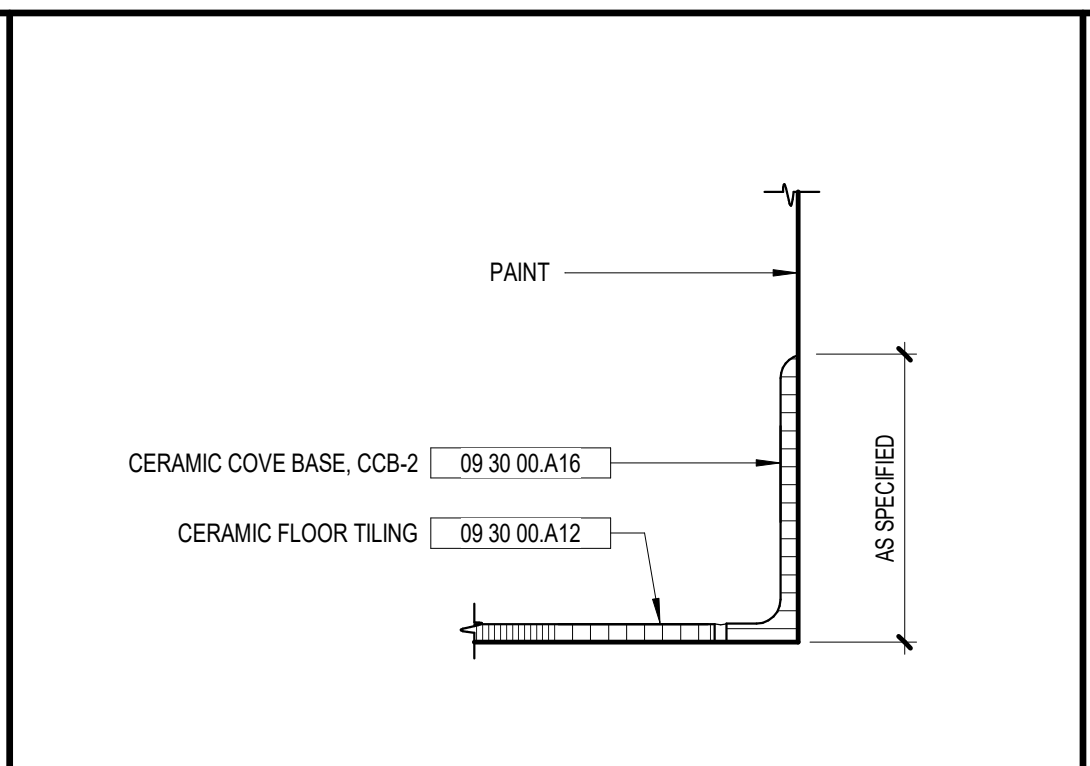
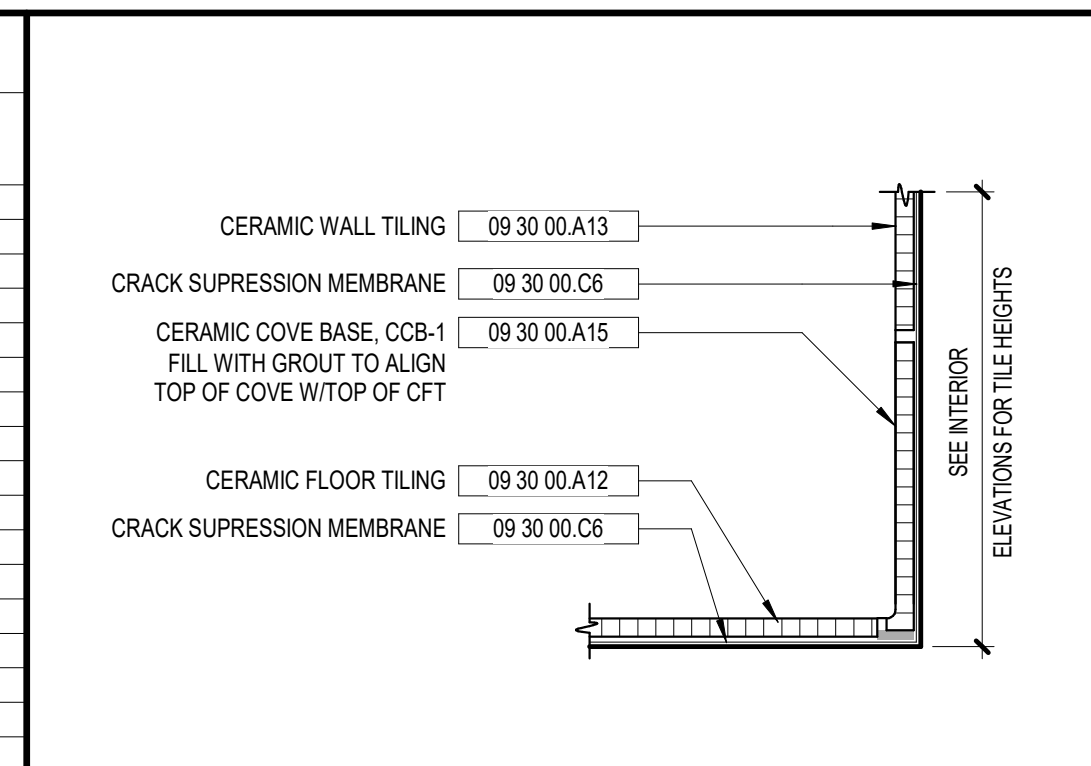
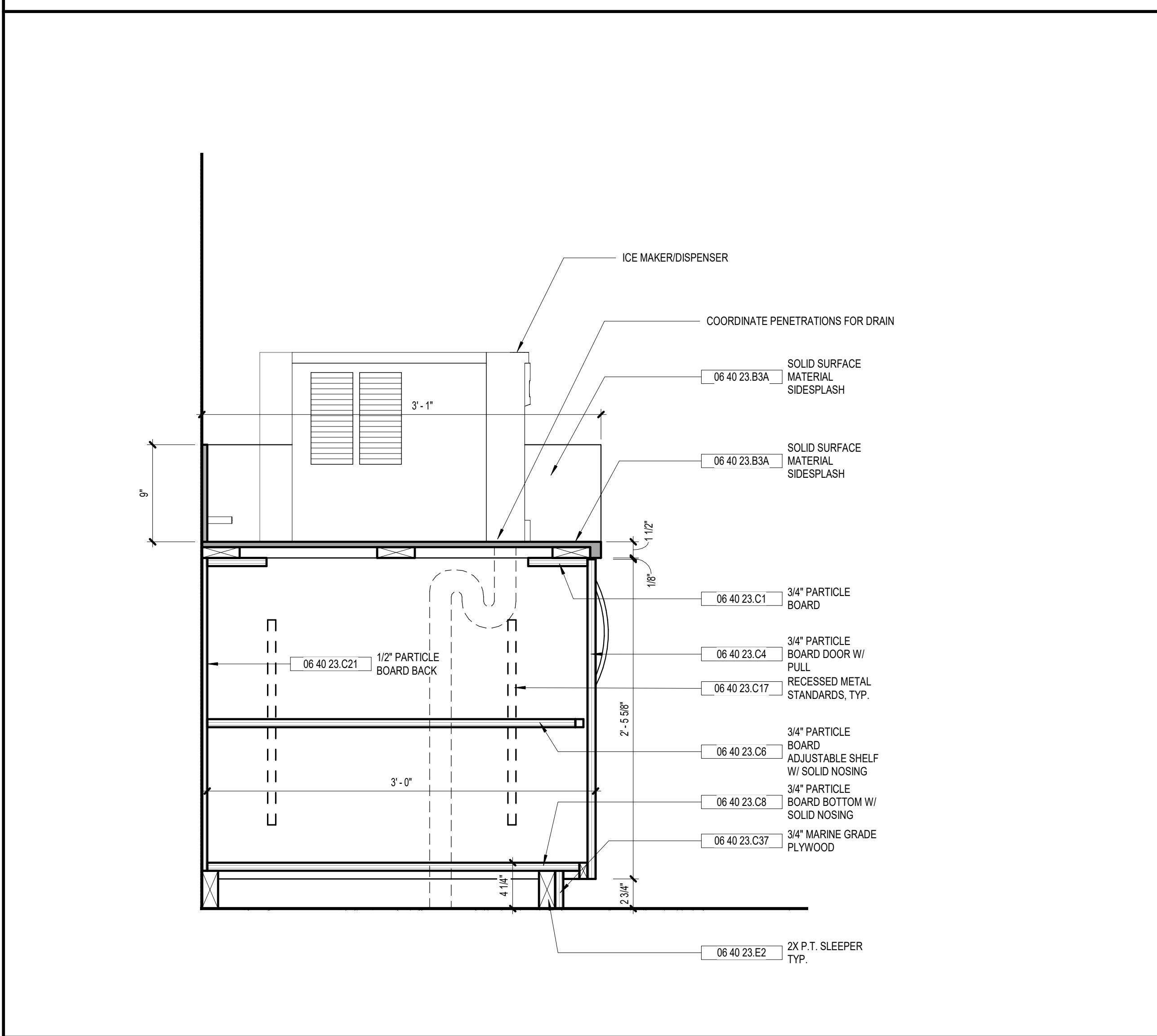
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SHEET TITLE:
FINISH SCHEDULE & INTERIOR DETAILS

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: TLC
SCALE: As indicated
SHEET: **A9.01**

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KEYNOTE LEGEND - BY SHEET

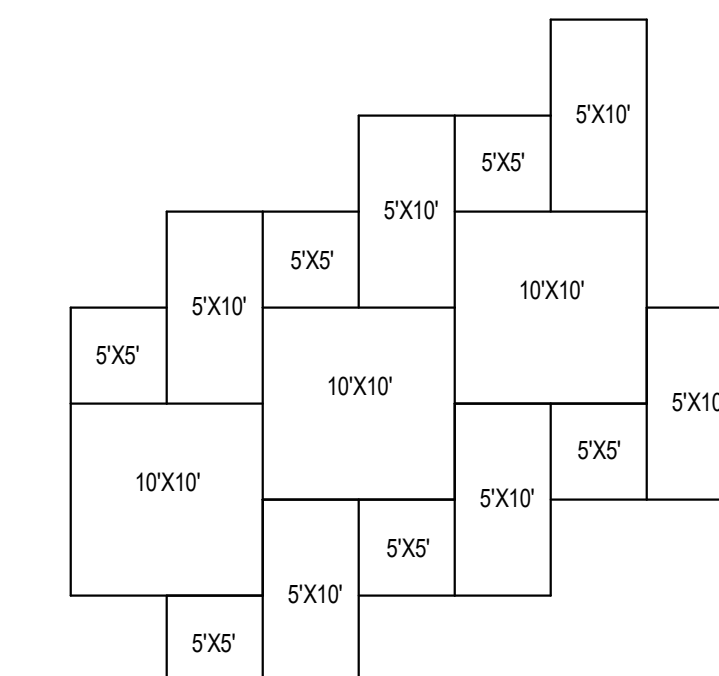
NO. NOTE

GENERAL FLOOR FINISH NOTES

- 1 REFER TO FINISH SCHEDULE FOR FLOORING MATERIALS
- 2 STANDARD BASE COLOR IS NOT SHOWN.
- 3 ONLY FLOOR PATTERNS ARE SHOWN.

FLOOR PATTERN LEGEND

- CFT-1
- TERRAZZO COLOR 1
- TERRAZZO COLOR 2
- TERRAZZO COLOR 3
- FLOOR JOINT. REFER TO STRUCTURAL



TYPICAL ASHLAR PATTERN

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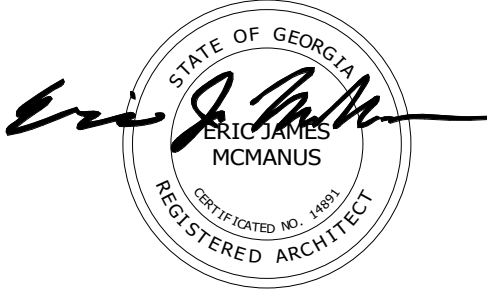


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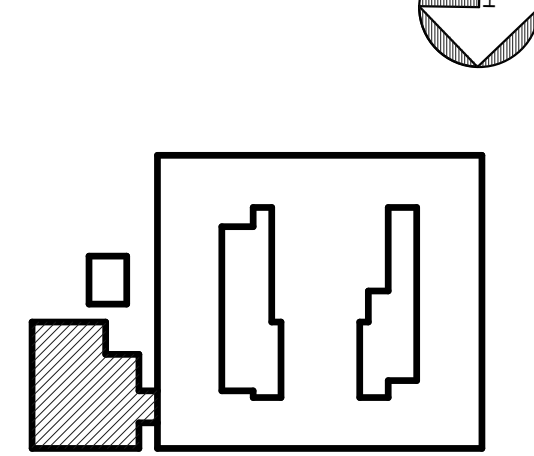
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KEY PLAN:



SHEET TITLE:
**CAFETERIA
FLOOR FINISH
PLANS**

REVISION SCHEDULE

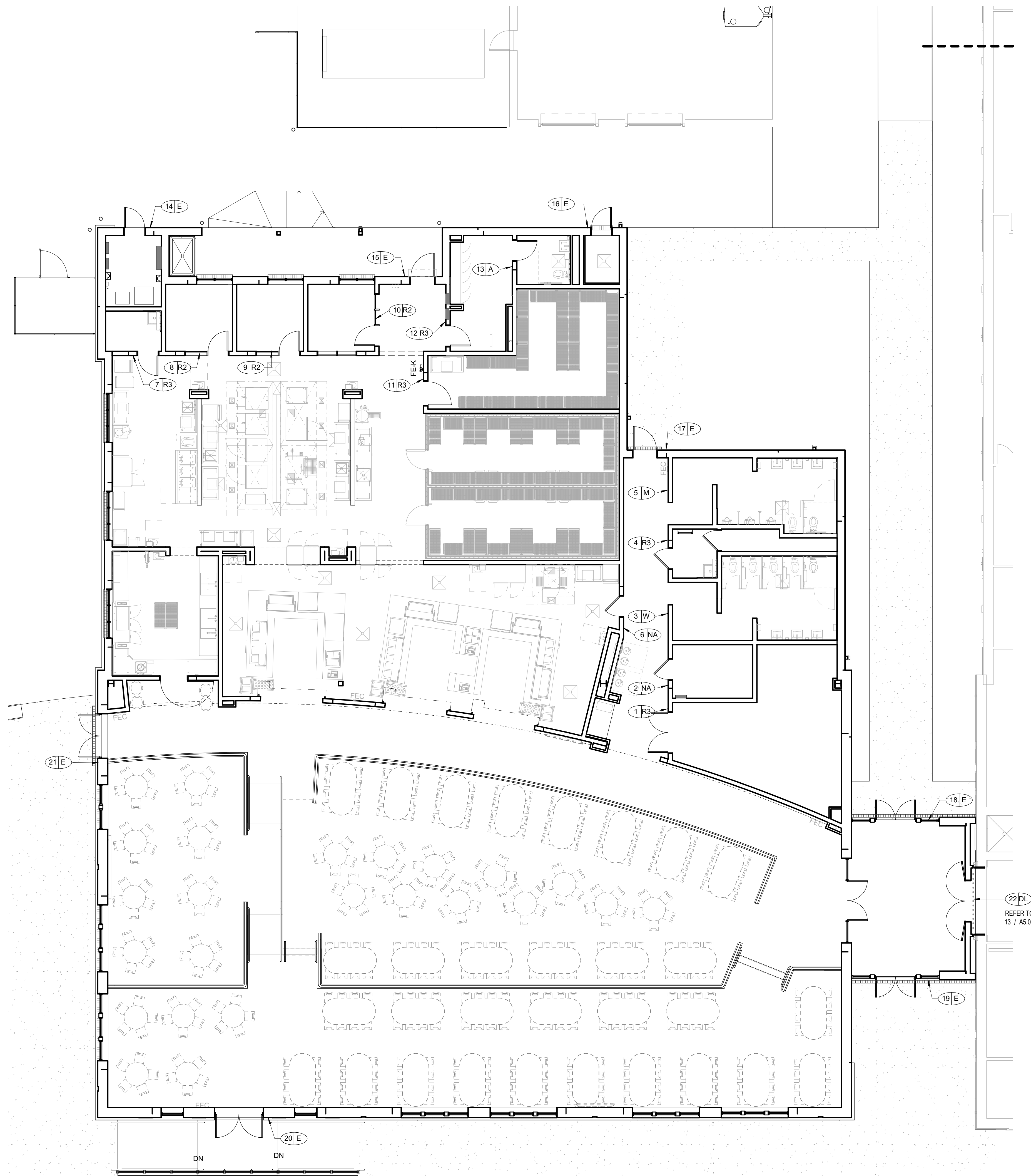
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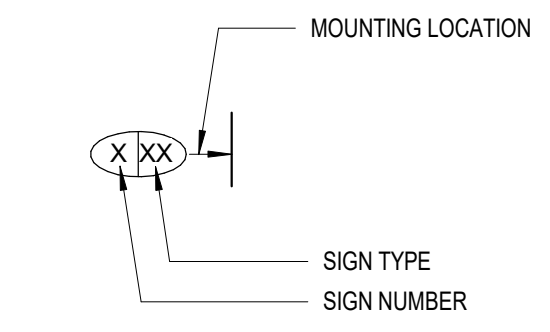
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SIGNAGE LEGEND



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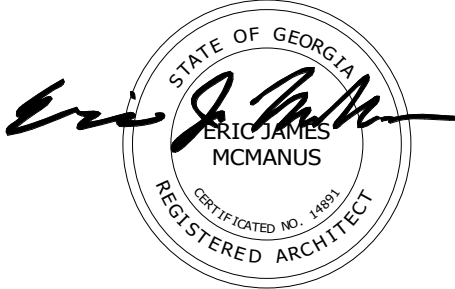
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
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FACILITY CODE: 1607
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FUNDING: LOCAL EFFORT
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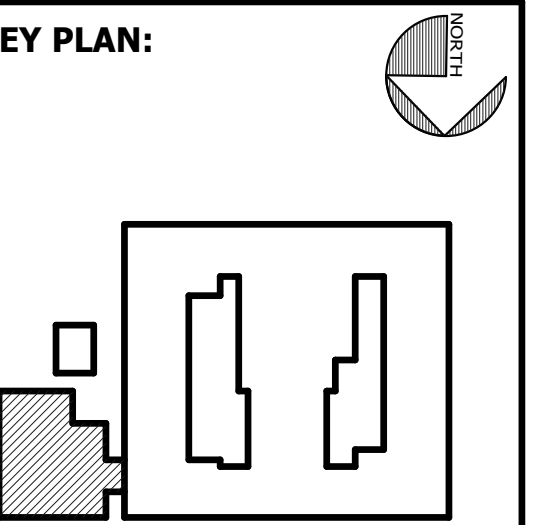
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KEY PLAN:



**SHEET TITLE:
SIGNAGE PLAN**

REVISION SCHEDULE

DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: TLC
SCALE: As indicated

SHEET: **A9.41**

FOODSERVICE GENERAL NOTES

- ITEMS OF FOODSERVICE EQUIPMENT SHALL BE FABRICATED AND INSTALLED IN STRICT ACCORDANCE WITH THE LATEST STANDARDS PUBLISHED BY THE NATIONAL SANITATION FOUNDATION (NSF) OR THE EQUIVALENT, IN STRICT COMPLIANCE WITH ALL APPLICABLE NATIONAL, STATE, AND/OR LOCAL CODES AND STANDARDS.
- WORK AND MATERIALS SHALL BE IN COMPLIANCE WITH REQUIREMENTS OF APPLICABLE CODES, ORDINANCES, AND REGULATIONS INCLUDING, BUT NOT LIMITED TO, THOSE OF THE NATIONAL FIRE PROTECTION ASSOCIATION, STATE FIRE MARSHAL, STATE BOARD OF HEALTH, LOCAL HEALTH CODES, ETC.
- ELECTRICALLY OPERATED AND/OR HEATED EQUIPMENT, FABRICATED OR OTHERWISE, SHALL CONFORM TO THE LATEST STANDARDS OF NATIONAL ELECTRICAL MANUFACTURERS' ASSOCIATION AND OF UNDERWRITERS LABORATORIES, INC. EQUIPMENT SHALL BEAR THE U.L. LABEL.
- STEAM HEATED EQUIPMENT SHALL BE MANUFACTURED IN ACCORDANCE WITH A.S.M.E. CODE REQUIREMENTS AND CARRY THE A.S.M.E. STAMP.
- NO EXTRA CHARGE WILL BE PAID FOR FURNISHING ITEMS REQUIRED BY REGULATIONS BUT NOT SPECIFIED OR SHOWN ON THE DRAWINGS.
- RULINGS AND INTERPRETATIONS OF ENFORCING AGENCIES SHALL BE CONSIDERED PART OF THE REGULATIONS.
- GENERAL CONTRACTOR TO SITE VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.

DISCLAIMER
 FOODSERVICE EQUIPMENT PLANS AND SPECIFICATIONS ARE INTENDED TO ILLUSTRATE TYPES AND ARRANGEMENTS INCLUDING SPACE AND UTILITY REQUIREMENTS, OF EQUIPMENT REQUIRED FOR THE PROJECT REGARDING THE DESIRED FUNCTION AND PRODUCT FLOW. THEY ARE INTENDED TO SERVE AS A REFERENCE TO THE LICENSED PROFESSIONAL ARCHITECT AND/OR ENGINEERS IN THE PREPARATION OF THEIR RESPECTIVE BID AND CONSTRUCTION DOCUMENTS. NO ARCHITECTURAL OR ENGINEERING DESIGN SERVICES ARE INTENDED OR ASSUMED.

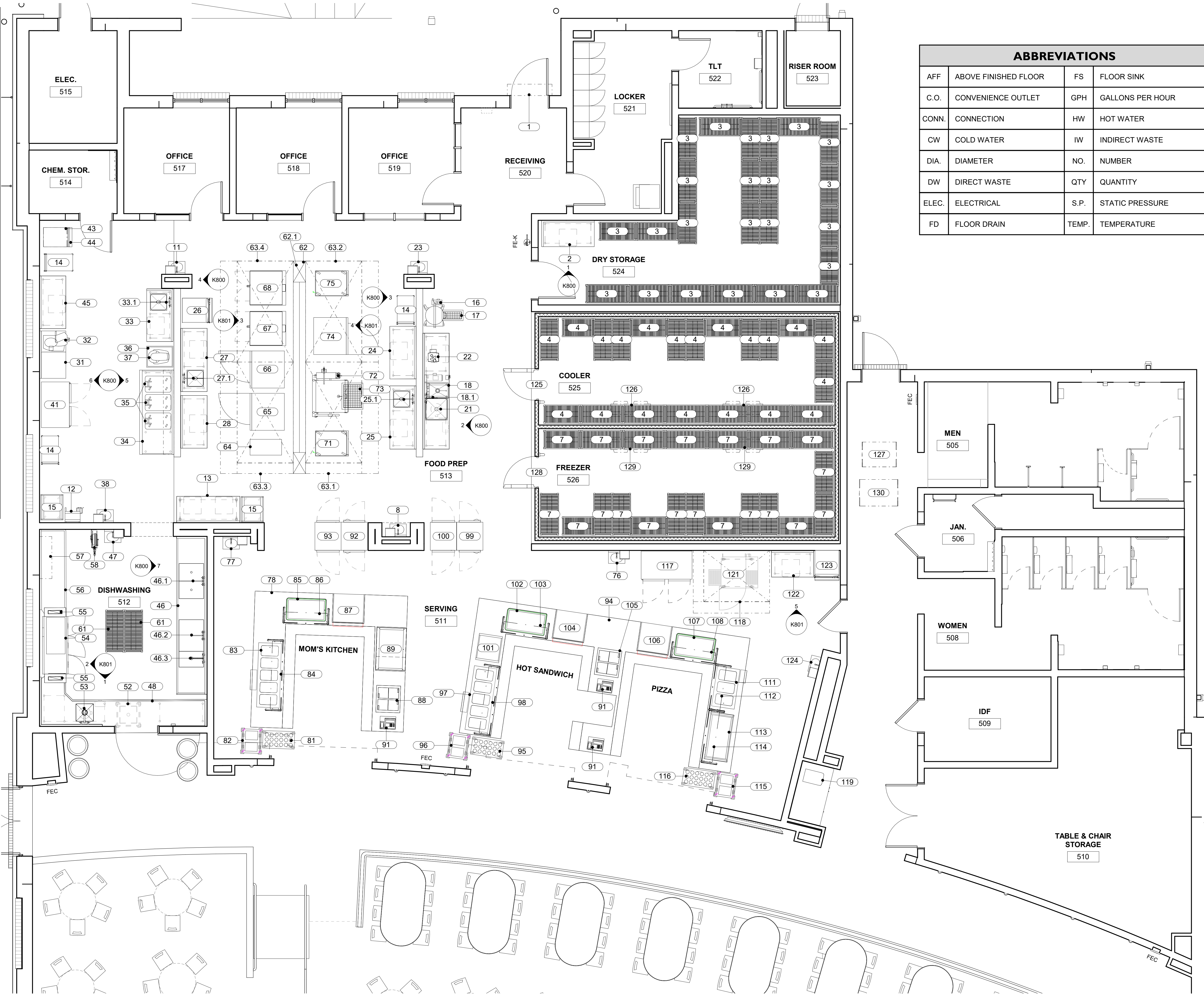
ERRORS AND OMISSIONS
 DESIGN DOCUMENTS INCLUDE DRAWINGS AND SPECIFICATIONS WHICH SHOULD BE REASONABLY CORRECT. HOWEVER, THEIR COMPLETE ACCURACY IS NOT GUARANTEED. SHOULD DISCREPANCIES OCCUR, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE FOODSERVICE CONSULTANT AND/OR PROJECT ARCHITECT/ENGINEER FOR THE CONFLICT TO BE CLARIFIED IN AN OFFICIAL REQUEST FOR INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE FOODSERVICE EQUIPMENT BIDDERS TO INFORM THE FOODSERVICE CONSULTANT OF ANY DISCREPANCIES FOUND WITHIN THESE DOCUMENTS TO INCLUDE: WRITTEN SPECIFICATIONS, DRAWINGS, OR SCHEDULES. TO ALLOW AN OPPORTUNITY FOR THE CONSULTANT TO PREPARE AN ADDENDUM TO CORRECT SUCH DISCREPANCIES. BIDDING ON A KNOWN DISCREPANCY WITH THE INTENTION OF EQUIPMENT SUBSTITUTION OR PRICE GOING THROUGH CHANGE ORDERS WILL NOT BE TOLERATED.

FOODSERVICE SHEET LIST

SHEET NO.	SHEET NAME
K100	FOODSERVICE EQUIPMENT PLAN
K101	FOODSERVICE ISOMETRIC VIEWS
K102	FOODSERVICE ISOMETRIC VIEW
K200	FOODSERVICE EQUIPMENT SCHEDULE
K201	FOODSERVICE EQUIPMENT SCHEDULE
K300	FOODSERVICE PLUMBING PLAN
K400	FOODSERVICE ELECTRICAL PLAN
K500	FOODSERVICE VENTILATION PLAN
K501	FOODSERVICE EXHAUST HOOD DETAILS
K502	FOODSERVICE EXHAUST HOOD DETAILS
K503	FOODSERVICE EXHAUST HOOD DETAILS
K504	FOODSERVICE EXHAUST HOOD DETAILS
K505	FOODSERVICE EXHAUST HOOD DETAILS
K506	FOODSERVICE EXHAUST HOOD DETAILS
K507	FOODSERVICE EXHAUST HOOD DETAILS
K508	FOODSERVICE EXHAUST HOOD DETAILS
K509	FOODSERVICE EXHAUST HOOD DETAILS
K510	FOODSERVICE EXHAUST HOOD DETAILS
K800	FOODSERVICE SPECIAL CONDITIONS PLAN
K801	FOODSERVICE WALK-IN COOLER / FREEZER DETAILS
K700	FOODSERVICE CUSTOM FABRICATION PLAN
K701	FOODSERVICE STANDARD DETAILS
K702	FOODSERVICE STANDARD DETAILS
K703	FOODSERVICE STANDARD DETAILS
K800	FOODSERVICE ELEVATIONS
K801	FOODSERVICE ELEVATIONS
K802	FOODSERVICE SERVING COUNTER DETAILS
K803	FOODSERVICE SERVING COUNTER DETAILS

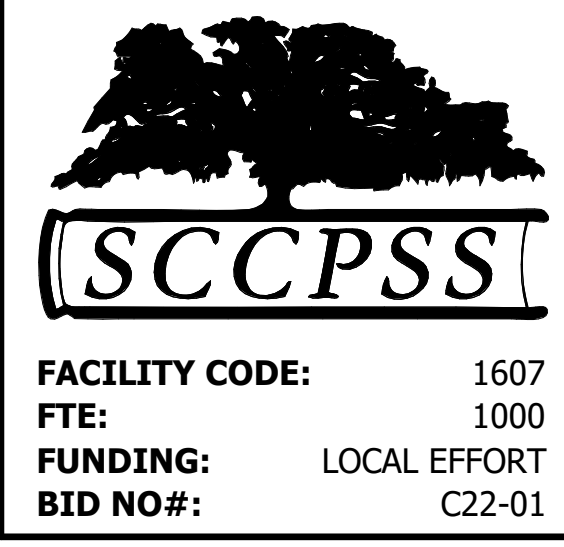
1 FOODSERVICE EQUIPMENT FLOOR PLAN
 K100 1/4" = 1'-0"

REMOTE REFRIGERATION CONDENSING UNITS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. ACTUAL LOCATION TO BE COORDINATED WITH ARCHITECTURAL PLANS AND BUILDING STRUCTURE, IN KEEPING WITH ALL REQUIREMENTS OF THE SPECIFICATIONS.



ABBREVIATIONS			
AFF	ABOVE FINISHED FLOOR	FS	FLOOR SINK
C.O.	CONVENIENCE OUTLET	GPH	GALLONS PER HOUR
CONN.	CONNECTION	HW	HOT WATER
CW	COLD WATER	IW	INDIRECT WASTE
DIA.	DIAMETER	NO.	NUMBER
DW	DIRECT WASTE	QTY	QUANTITY
ELEC.	ELECTRICAL	S.P.	STATIC PRESSURE
FD	FLOOR DRAIN	TEMP.	TEMPERATURE

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KEY PLAN:

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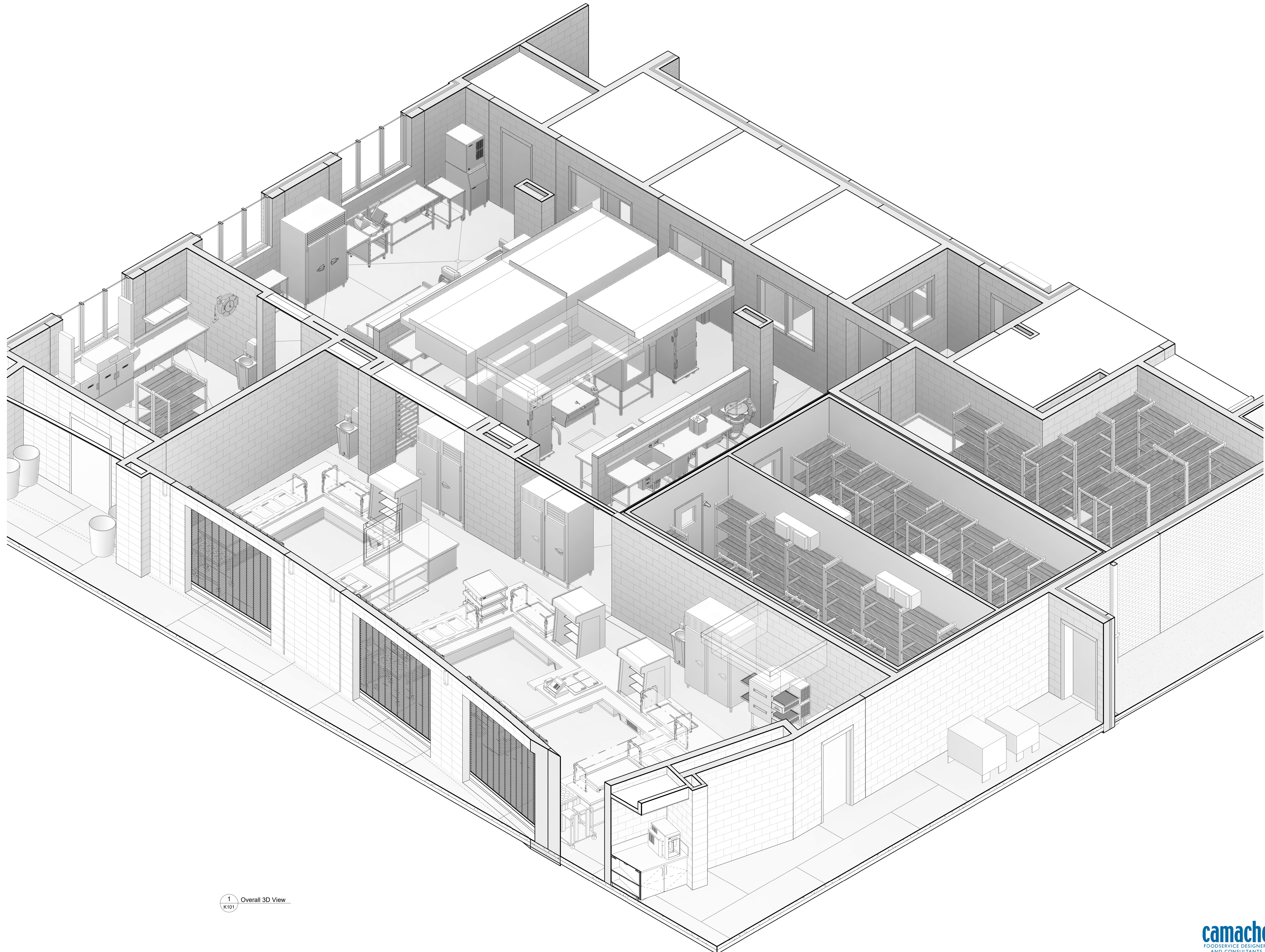
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DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: GAH
SCALE: 1/4" = 1'-0"
SHEET: **K100**



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1 Overall 3D View
K101

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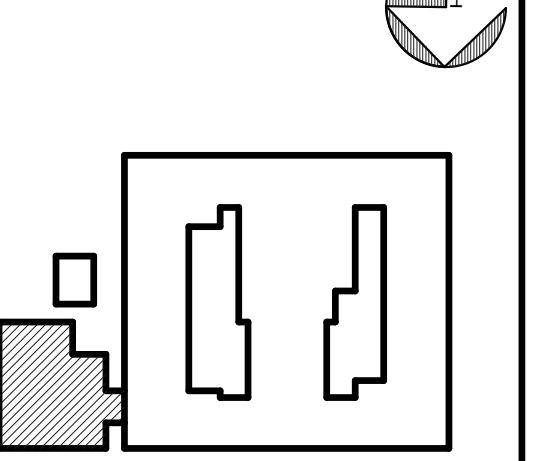
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**DULOHERY WEEKS
ENGINEERS**
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

KEY PLAN:



SHEET TITLE:
**FOODSERVICE
ISOMETRIC
VIEWS**

REVISION SCHEDULE	
DATE	DESCRIPTION

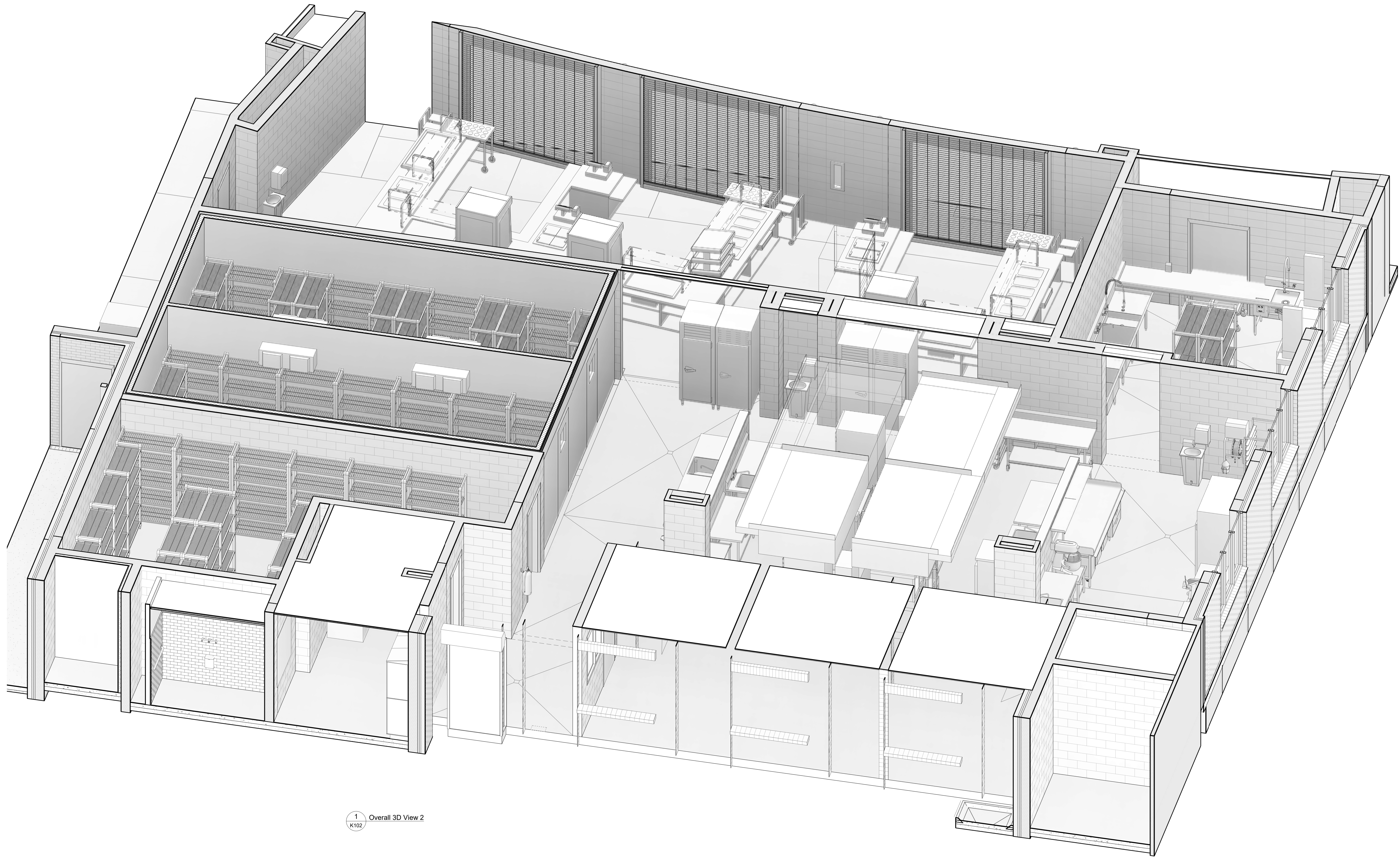
PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: Author
SCALE:

SHEET: **K101**



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1 Overall 3D View 2
K102

**VOL. II SAVANNAH ARTS
ACADEMY ADDITION**
500 WASHINGTON AVENUE
SAVANNAH, GEORGIA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
GMP CONSTRUCTION DOCUMENTS



SCCPSS

FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

Cogdell Mendrala Architects
COGDELL & MENDRALA ARCHITECTS, PC
517 EAST CONGRESS STREET
SAVANNAH, GEORGIA 31401
tel 912.234.6318
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SEAL:

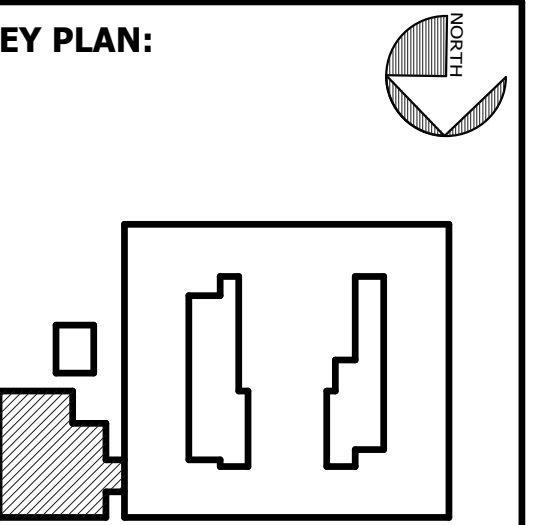
PROJECT CONSULTANTS:

CIVIL ENGINEER
**MAXWELL-REDDICK &
ASSOCIATES**
40 JOE KENNEDY BLVD.
STATESBORO, GA 30458

STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
400 E. JOHNNY MERCER BOULEVARD
SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
**DULOHERY WEEKS
ENGINEERS**
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

KEY PLAN:



SHEET TITLE:
**FOODSERVICE
ISOMETRIC
VIEW**

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: Author
SCALE:

SHEET: **K102**



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FOODSERVICE EQUIPMENT SCHEDULE

ITEM NO.	QTY.	DESCRIPTION	MANUFACTURER	MODEL	AMPS	HP	KW	VOLTS	PHASE	CONN. TYPE	NEMA	CW SIZE	HW SIZE	DW SIZE	IW SIZE	GAS SIZE	GAS MBTU/H	EQUIPMENT REMARKS	ITEM NO.
1	1	FLY FAN	BERNER	SHD07-1048A	7.5	3/4		120	1	DIRECT								SWITCH AT DOOR	1
2	1	WORK TABLE	TO BE FABRICATED	CUSTOM															2
3	23	DRY STORAGE SHELVING	CAMBRO	ESU SERIES															3
4	20	WALK-IN SHELVING	CAMBRO	ESU SERIES															4
5	1	SPARE NUMBER																	5
6	1	SPARE NUMBER																	6
7	20	WALK-IN SHELVING	CAMBRO	ESU SERIES															7
8	1	HAND SINK	ADVANCE TABCO	7-PS-90								1/2"	1/2"	1 1/2"					8
9	1	SPARE NUMBER																	9
10	1	SPARE NUMBER																	10
11	1	HAND SINK	ADVANCE TABCO	7-PS-90								1/2"	1/2"	1 1/2"					11
12	1	SPRAY SYSTEM	SPRAY MASTER	300-600WDF	20	2		120	1	CORD & PLUG			3/4"						12
13	1	MOBILE WORK TABLE	TO BE FABRICATED	CUSTOM															13
14	3	UTILITY CART	CAMBRO	BC230110															14
15	2	PAN RACK	CRES COR	207-UA-13A															15
16	1	VERTICAL CUTTER/MIXER	HOBART	HCM450-3	20			480	3	CORD & PLUG									16
17	1	FLOOR TROUGH	TO BE FABRICATED	CUSTOM									4"						17
18	1	VEG PREP TABLE W/ SINK	POWER SOAK	50PSP66L3B1 MODIFIED	8.4			120	1	DIRECT		3/4"	3/4"		2"				18
18.1	1	FAUCET	T&S BRASS	B-0231-CR-KIT								1/2"	1/2"						18.1
19	1	SPARE NUMBER																	19
20	1	SPARE NUMBER																	20
21	1	DISPOSER	SALVAJOR	200-SA-3-ARSS-LD	6.6	2		208	3	DIRECT		1/2"		2"					21
22	1	FOOD PROCESSOR	ROBOT COUP	R602VV	12			120	1	CORD & PLUG	5-15P								22
23	1	HAND SINK	ADVANCE TABCO	7-PS-90								1/2"	1/2"	1 1/2"					23
24	1	WORK TABLE	TO BE FABRICATED	CUSTOM															24
25	1	PREP TABLE W/ SINK	TO BE FABRICATED	CUSTOM											2"				25
25.1	1	FAUCET	T&S BRASS	B-0231-CR-KIT								1/2"	1/2"						25.1
26	1	HOLDING/PROOFING CABINET	WINSTON	HOV5-14UV	19.3			120	1	CORD & PLUG	5-20P								26
27	1	PREP TABLE W/ SINK	TO BE FABRICATED	CUSTOM											2"				27
27.1	1	FAUCET	T&S BRASS	B-0231-CR-KIT								1/2"	1/2"						27.1
28	1	WORK TABLE	TO BE FABRICATED	CUSTOM															28
29	1	SPARE NUMBER																	29
30	1	SPARE NUMBER																	30
31	1	SLICER TABLE	TO BE FABRICATED	CUSTOM															31
32	1	SLICER	BERKEL	X13AE-PLUS	8			120	1	CORD & PLUG	5-15P								32
33	1	PREP TABLE W/ SINK	TO BE FABRICATED	CUSTOM											2"				33
33.1	1	FAUCET	T&S BRASS	B-0231-CR-KIT								1/2"	1/2"						33.1
34	1	BAKER'S TABLE	TO BE FABRICATED	CUSTOM															34
35	3	INGREDIENT BINS	CAMBRO	IB44148															35
36	1	MIXER STAND	ADVANCE TABCO	MX-SS-302															36
37	1	20 QT. MIXER	HOBART	HL200-1STD	8			120	1	CORD & PLUG	5-15P							W/ BOWL, BEATER, WHIP	37
38	1	HAND SINK	ADVANCE TABCO	7-PS-90								1/2"	1/2"	1 1/2"					38
39	1	SPARE NUMBER																	39
40	1	SPARE NUMBER																	40
41	1	REFRIGERATOR	DELFIELD	GAR2NP-S	6			120	1	CORD & PLUG	5-15P								41
42	1	SPARE NUMBER																	42
43	1	ICE MACHINE	HOSHIZAKI	KM-520MAJ	11.7			120	1	DIRECT		1/2"			3/4"				43
44	1	ICE BIN	HOSHIZAKI	B-300PF											3/4"				44
45	1	WORK TABLE	TO BE FABRICATED	CUSTOM															45
46	1	POWER SOAK SINK	BI-LINE	VORTEX PPWS	0			120	0										46
46.1	1	FAUCET	T&S BRASS	B-0290								3/4"	3/4"						46.1
46.2	1	FAUCET	T&S BRASS	B-0290								3/4"	3/4"						46.2
46.3	1	PRE-RINSE UNIT	T&S BRASS	B-0133								1/2"	1/2"						46.3
47	1	HAND SINK	ADVANCE TABCO	7-PS-90								1/2"	1/2"	1 1/2"					47
48	1	SOILED DISH TABLE	FUTURE																48
48.1	1	PRE-RINSE FAUCET	FUTURE									1/2"	1/2"						48.1
49	1	SPARE NUMBER																	49
50	1	SPARE NUMBER																	50
51	1	SPARE NUMBER																	51
52	1	SILVER SOAK SINK	FUTURE															CASTERS	52
53	1	DISPOSER	FUTURE		6.6	2		208	3	DIRECT		1/2"		2"					53
54	1	DISHWASHER	FUTURE		30.6			480	3	DIRECT			1/2"		2"				54
54.1	1	BOOSTER HEATER	FUTURE		40.1		30	480	3	DIRECT									54.1
55	2	S/S DUCT	FUTURE																55
56	1	CLEAN DISHTABLE	FUTURE																56
57	1	WALL SHELF	FUTURE																57
58	1	HOSE REEL	T&S BRASS	B-7242-10								3/8"	3/8"						58
59	1	SPARE NUMBER																	59
60	1	SPARE NUMBER																	60

FOODSERVICE VENTILATION SCHEDULE

ITEM NO.	QTY.	DESCRIPTION	EXHAUST QTY.	EXHAUST WIDTH	EXHAUST DEPTH	EXHAUST CFM	EXHAUST S.P.	MU AIR QTY.	MU AIR WIDTH	MU AIR DEPTH	MU AIR CFM	MU AIR S.P.	VENTILATION REMARKS
55	2	S/S DUCT		4"	16"	0	0						
63.1	1	EXHAUST HOOD	1	18"	12"	2,214	0.82	2	11"	10"	664	0.1	
63.2	1	EXHAUST HOOD	1	18"	12"	1,803	0.82	2	9"	10"	541	0.1	
63.3	1	EXHAUST HOOD	1	18"	12"	1,792	0.82	2	9"	10"	538	0.1	
63.4	1	EXHAUST HOOD	1	18"	12"	1,792	0.82	2	9"	10"	538	0.1	
118	1	EXHAUST HOOD	1	13"	12"	1,610	0.81	1	16"	10"	966	0.1	

FOODSERVICE HOT WATER SCHEDULE - 110 DEGREE

ITEM NO.	QTY.	DESCRIPTION	HW TEMP.	HOT WATER GPH
8	1	HAND SINK	110 °F	
11	1	HAND SINK	110 °F	
18	1	VEG PREP TABLE W/ SINK		
23	1	HAND SINK	110 °F	
38	1	HAND SINK	110 °F	
47	1	HAND SINK	110 °F	
62	1	UTILITY DISTRIBUTION SYSTEM		
72	1	TILT SKILLET	110 °F	
76	1	HAND SINK	110 °F	
77	1	HAND SINK	110 °F	
124	1	HAND SINK	110 °F	
				0

FOODSERVICE HOT WATER SCHEDULE - 140 DEGREE

ITEM NO.	QTY.	DESCRIPTION	HW TEMP.	HOT WATER GPH
12	1	SPRAY SYSTEM	120 °F	
18.1	1	FAUCET	140 °F	32.73
25.1	1	FAUCET	140 °F	14.73
27.1	1	FAUCET	140 °F	14.73
33.1	1	FAUCET	140 °F	14.73
46.1	1	FAUCET	140 °F	0
46.2	1	FAUCET	140 °F	0
46.3	1	PRE-RINSE UNIT	140 °F	35
48.1	1	PRE-RINSE FAUCET	120 °F	45
54	1	DISHWASHER	180 °F	
58	1	HOSE REEL	140 °F	35
				191.91

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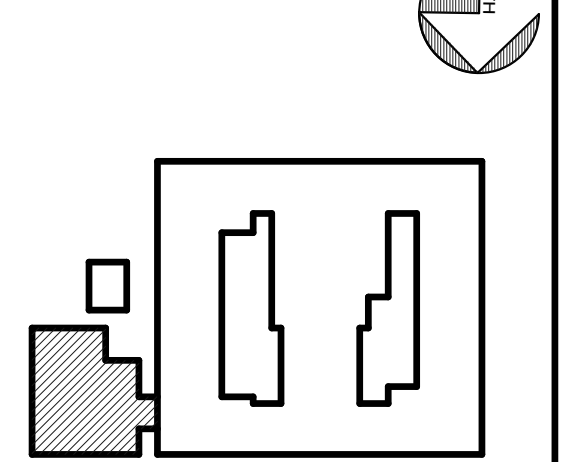
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KEY PLAN:



SHEET TITLE:
FOODSERVICE EQUIPMENT SCHEDULE

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: GAH
SCALE:

SHEET: **K200**



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FOODSERVICE EQUIPMENT SCHEDULE 2																			
ITEM NO.	QTY.	DESCRIPTION	MANUFACTURER	MODEL	AMPS	HP	KW	VOLTS	PHASE	CONN. TYPE	NEMA	CW SIZE	HW SIZE	DW SIZE	IW SIZE	GAS SIZE	GAS MBTU/H	EQUIPMENT REMARKS	ITEM NO.
61	2	MOBILE POT & PAN SHELF	CAMBRO	ESU SERIES															61
62	1	UTILITY DISTRIBUTION SYSTEM	GAYLORD	DH-IM-E3/E5-HC-SG-20.17	150			120/208	3	DIRECT		1"	1"						62
62.1	1	2ND ELECTRICAL CONNECTION	GAYLORD		225			480	3	DIRECT									62.1
63.1	1	EXHAUST HOOD	GAYLORD	ELX-GBDAV-BB-AV-144	20			120	1	DIRECT									63.1
63.2	1	EXHAUST HOOD	GAYLORD	ELX-GBDAV-BB-AV-144	20			120	1	DIRECT									63.2
63.3	1	EXHAUST HOOD	GAYLORD	ELX-GBDAV-BB-AV-144	20			120	1	DIRECT									63.3
63.4	1	EXHAUST HOOD	GAYLORD	ELX-GBDAV-BB-AV-144	20			120	1	DIRECT									63.4
64	1	RANGE	GARLAND	36ES15	29		6	208	1	DIRECT									64
65	1	COMBI OVEN	VULCAN	ABC7E	28.9			480	3	DIRECT		3/4"			1"				65
66	1	COMBI OVEN	VULCAN	ABC7E	28.9			480	3	DIRECT		3/4"			1"				66
67	1	CONVECTION OVEN	BLODGETT	MARK V-100-DBL	14			480	3	DIRECT									67
67.1	1	CONVECTION OVEN (2ND ELECTRICAL CONNECTION)			14			480	3	DIRECT									67.1
68	1	CONVECTION OVEN	BLODGETT	MARK V-100-DBL	14			480	3	DIRECT									68
68.1	1	CONVECTION OVEN (2ND ELECTRICAL CONNECTION)			14			480	3	DIRECT									68.1
69	1	SPARE NUMBER																	69
70	1	SPARE NUMBER																	70
71	1	HEAT & HOLD OVEN	CRES COR	RO-151-FW-UA-18DE	34		7.072	208	3	CORD & PLUG									71
72	1	TILT SKILLET	CLEVELAND RANGE	SEL-40-T1	21.7			18	480	3	DIRECT		1/2"	1/2"					72
73	1	FLOOR TROUGH	TO BE FABRICATED	CUSTOM											4"				73
74	1	COMBI OVEN	VULCAN	ABC7E	28.9			24	480	3	DIRECT		3/4"			1"			74
75	1	HEAT & HOLD OVEN	CRES COR	RO-151-FW-UA-18DE	34		7.072	208	3	CORD & PLUG									75
76	1	HAND SINK	ADVANCE TABCO	7-PS-90								1/2"	1/2"	1 1/2"					76
77	1	HAND SINK	ADVANCE TABCO	7-PS-90								1/2"	1/2"	1 1/2"					77
78	1	MOM'S KITCHEN COUNTER	DELFIELD	CUSTOM															78
79	1	SPARE NUMBER																	79
80	1	SPARE NUMBER																	80
81	1	FLATWARE CART	TO BE FABRICATED	CUSTOM															81
82	1	TRAY DISPENSER	DELFIELD	TT2-1014															82
83	1	DROP-IN HOT WELLS	DELFIELD	N8773-D	24			208	1	DIRECT					1/2"				83
84	1	SNEEZE GUARD	DELFIELD	DCFSFS															84
85	1	DROP-IN FROST TOP	DELFIELD	N8245P	2.4			120	1	CORD & PLUG	5-15P				1"				85
86	1	SNEEZE GUARD	DELFIELD	DCFSFS															86
87	1	BEVERAGE REFRIGERATOR	STRUCTURAL CONCEPTS	CO37R	15.33		1.48	120	1		5-20P								87
88	1	DROP-IN ICE CREAM FREEZER	DELFIELD	N227P	2.9	0.25	0.62	120	1	CORD & PLUG	5-15P								88
89	1	REFRIGERATED SALAD/SANDWICH DISPLAY	DELFIELD	F5PC48DP	7.9	1/3		120	1	CORD & PLUG	5-15P								89
90	1	SPARE NUMBER																	90
91	3	POS	BY OWNER		5		0.6	120	1	CORD & PLUG	5-15P								91
92	1	PASS-THRU HEATED CABINET	TRAUlsen	RHF132WP-FHS	7.8			208	1	CORD & PLUG	L14-20P								92
93	1	PASS-THRU REFRIGERATOR	TRAUlsen	RHT132WPUT-FHS	7.2			120	1	CORD & PLUG	5-15P								93
94	1	HOT SANDWICH/PIZZA COUNTER	DELFIELD	CUSTOM															94
95	1	FLATWARE CART	TO BE FABRICATED	CUSTOM															95
96	1	TRAY DISPENSER	DELFIELD	TT2-1014															96
97	1	DROP-IN HOT WELLS	DELFIELD	N8773-D	24			208	1	DIRECT					1/2"				97
98	1	SNEEZE GUARD	DELFIELD	DCFSFS															98
99	1	PASS-THRU HEATED CABINET	TRAUlsen	RHF132WP-FHS	7.8			208	1	CORD & PLUG	L14-20P								99
100	1	PASS-THRU REFRIGERATOR	TRAUlsen	RHT132WPUT-FHS	7.2			120	1	CORD & PLUG	5-15P								100
101	1	SANDWICH WARMER	HATCO	GR2SDS-24D	13.67			120	1	CORD & PLUG	5-20P								101
102	1	DROP-IN FROST TOP	DELFIELD	N8245P	2.4			120	1	CORD & PLUG	5-15P				1"				102
103	1	SNEEZE GUARD	DELFIELD	DCFSFS															103
104	1	BEVERAGE REFRIGERATOR	STRUCTURAL CONCEPTS	CO37R	15.33		1.48	120	1		5-20P								104
105	1	DROP-IN ICE CREAM FREEZER	DELFIELD	N227P	2.9	0.25	0.62	120	1	CORD & PLUG	5-15P								105
106	1	BEVERAGE REFRIGERATOR	STRUCTURAL CONCEPTS	CO37R	15.33		1.48	120	1		5-20P								106
107	1	DROP-IN FROST TOP	DELFIELD	N8245P	2.4			120	1	CORD & PLUG	5-15P				1"				107
108	1	SNEEZE GUARD	DELFIELD	DCFSFS															108
109	1	SPARE NUMBER																	109
110	1	SPARE NUMBER																	110
111	1	DROP-IN HOT WELLS	DELFIELD	N8745-D	15			208	1	DIRECT					1/2"				111
112	1	SNEEZE GUARD	DELFIELD	DCFSFS															112
113	1	PIZZA WARMER	HATCO	GR2S-48	5.8			120	1	CORD & PLUG	5-15P								113
114	1	SNEEZE GUARD	DELFIELD	DCFSFS															114
115	1	TRAY DISPENSER	DELFIELD	TT2-1014															115
116	1	FLATWARE CART	TO BE FABRICATED	CUSTOM															116
117	1	REFRIGERATOR	DELFIELD	GAR2P-S	6			120	1	CORD & PLUG	5-15P								117
118	1	EXHAUST HOOD	GAYLORD	ELX-GBDAV-AV-62	20			120	1	DIRECT									118
119	1	ICE MAKER/DISPENSER	FOLLETT	7C1100A	4.5			120	1	CORD & PLUG		1/4"							119
120	1	SPARE NUMBER																	120
121	1	PIZZA OVEN	LINCOLN	1132-000-U DOUBLE			10	208	3	DIRECT									121
121.1	1	PIZZA OVEN (TOP OVEN)	LINCOLN				10	208	3	DIRECT									121.1
122	1	WORK TABLE	TO BE FABRICATED	CUSTOM															122
123	1	HOLDING/PROOFING CABINET	WINSTON	HOV5-14UV	19.3			120	1	CORD & PLUG	5-20P								123
124	1	HAND SINK	ADVANCE TABCO	7-PS-90								1/2"	1/2"	1 1/2"					124
125	1	WALK-IN COOLER	CUSTOM		15			120	1	DIRECT									125
126	2	COOLER EVAPORATOR COIL	THERMO-KOOL	BEL0095AS6AMA	1.8			120	1	DIRECT					3/4"				126
127	1	COOLER CONDENSING UNIT	THERMO-KOOL	BCH0025MCACZ	16.4	2 1/2		208	3	DIRECT									127
128	1	WALK-IN FREEZER	CUSTOM		15			120	1	DIRECT									128
129	2	FREEZER EVAPORATOR COIL	THERMO-KOOL	BEL0100BS6EEA	10.1			208	1	DIRECT					3/4"				129
130	1	FREEZER CONDENSING UNIT	THERMO-KOOL	BCH0060LDACZ	11.9	6		208	3	DIRECT									130

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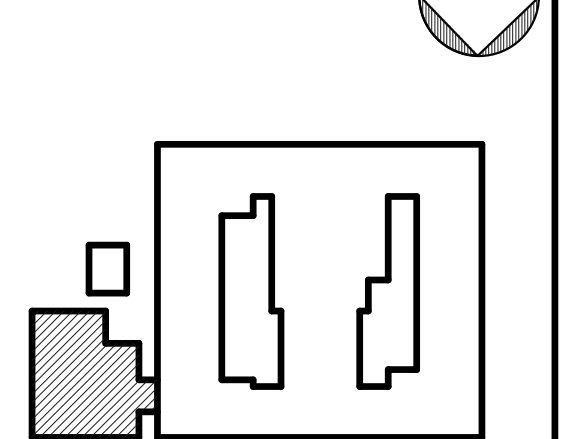
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KEY PLAN:



SHEET TITLE:
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DATE	DESCRIPTION

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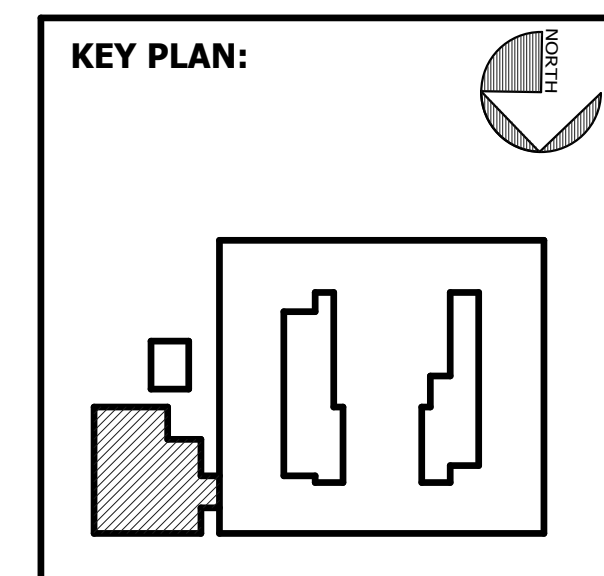
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400 E. JOHNNY MERCER BOULEVARD
SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406



SHEET TITLE:
FOODSERVICE PLUMBING PLAN

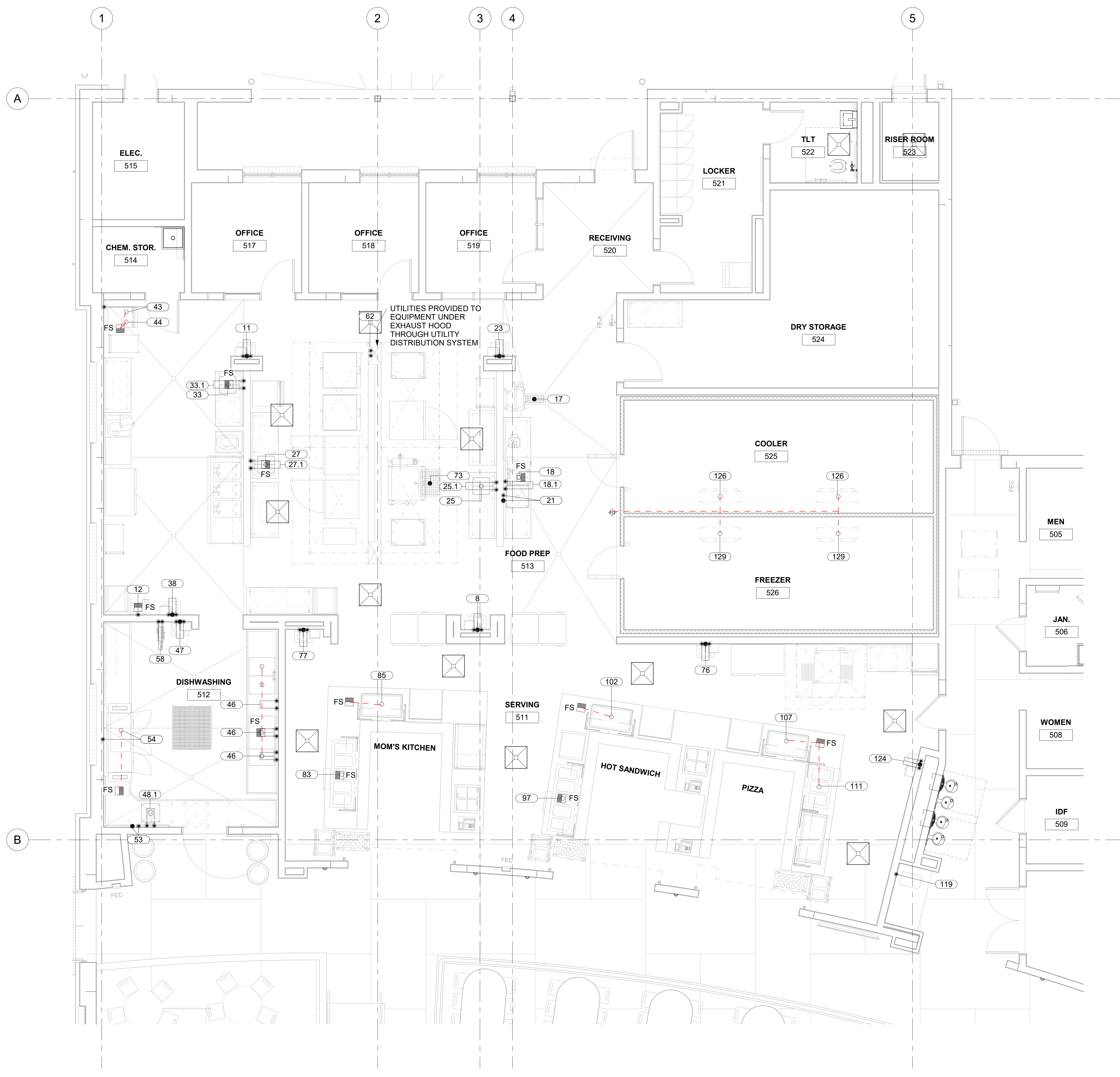
REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: Author
SCALE: 1/4" = 1'-0"
SHEET: **K300**

PLUMBING LEGEND	
●	HW-HOT WATER, OR CW-COLD WATER
●	DW-DIRECT WASTE
○	IW-INDIRECT WASTE
⊕	GAS
⊕	FD-FLOOR DRAIN
⊕	FS-FLOOR SINK
---	INDIRECT WASTE LINE
⊕	COMPRESSED AIR
⊕	STEAM SUPPLY
⊕	CONDENSATE RETURN

FOODSERVICE PLUMBING NOTES

- THIS PLUMBING PLAN AND COORDINATING SCHEDULE IS INTENDED TO SHOW ROUGH-IN LOCATIONS AND HEIGHTS, CONNECTION TYPES, POSITIONS, FIXTURE TYPES, AND LOAD REQUIREMENTS FOR FOODSERVICE EQUIPMENT SPECIFIED AND SCHEDULED FOR REUSE. THIS PLUMBING PLAN IS INTENDED TO SHOW PLUMBING REQUIREMENTS AND APPROXIMATE ROUGH-IN LOCATIONS ONLY. DO NOT USE FOR ACTUAL ROUGHING-IN. FOR FINAL ROUGH-IN LOCATIONS, SEE DIMENSIONED PLANS PROVIDED BY FOODSERVICE EQUIPMENT CONTRACTOR.
- UTILITY REQUIREMENTS INDICATED ARE TO SERVE AS A REFERENCE TO THE LICENSED PROFESSIONAL ARCHITECT AND/OR ENGINEER'S PREPARATION OF THEIR RESPECTIVE BID AND CONSTRUCTION DOCUMENTS. NO ARCHITECTURAL OR ENGINEERING DESIGN SERVICES ARE INTENDED OR ASSUMED. SEE PLUMBING ENGINEER/ARCHITECT'S DRAWINGS FOR ADDITIONAL INFORMATION.
- PRIOR TO EQUIPMENT INSTALLATION, THE FOODSERVICE EQUIPMENT CONTRACTOR SHALL CHECK UTILITY ROUGH-IN LOCATIONS, COORDINATE FIELD CONDITIONS, AND CALL TO THE ATTENTION OF THE GENERAL CONTRACTOR ANY DISCREPANCIES BETWEEN THE FOODSERVICE UTILITY PLANS, THE EQUIPMENT SPECIFIED, AND THE ROUGH-INS AS THEY OCCUR IN THE FIELD.
- SHOULD DISCREPANCIES OCCUR, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE FOODSERVICE CONSULTANT AND/OR PROJECT ARCHITECT/ENGINEER FOR THE CONFLICT TO BE CLARIFIED IN AN OFFICIAL REQUEST FOR INFORMATION.
- UTILITIES ARE BASED ON MANUFACTURER'S INFORMATION. ACTUAL ROUGHING-IN TO BE DETERMINED BY CODE REQUIREMENTS AND/OR MANUFACTURER'S DIRECTIONS.
- EXPOSED UTILITY LINES AND PIPES SHALL BE INSTALLED IN A WAY THAT DOES NOT OBSTRUCT OR PREVENT THE CLEANING OF FLOORS, WALLS, AND CEILING AREAS (2 INCHES OFF WALLS AND 6 INCHES MINIMUM OFF FLOORS).
- PLUMBING ENGINEER TO BE RESPONSIBLE FOR ALL CONCERNS AND ARRANGEMENTS REGARDING PENETRATIONS INTO THE FLOOR AND WALL. BUILDING OWNER TO APPROVE PRIOR TO CONSTRUCTION.
- PLUMBING ENGINEER TO LOCATE AREA DRAINS AS REQUIRED FOR GENERAL CLEANING OF THE FACILITY.
- PLUMBING COMPONENTS MUST NOT INTERFERE WITH THE OPERATION OF FOODSERVICE EQUIPMENT.
- WHEN APPLICABLE, PLUMBING CONTRACTOR TO INTERCONNECT DISHWASHER WITH BOOSTER HEATER/HEAT RECLAIMERS PER MANUFACTURER'S INSTRUCTIONS.
- WHEN APPLICABLE, PLUMBING CONTRACTOR TO INTERCONNECT WATER-WASH VENTILATORS WITH CONTROL PANELS AS PER MANUFACTURER'S INSTRUCTIONS.
- WHERE POSSIBLE, UTILITIES SHALL BE CONCEALED WITHIN BUILDING WALLS OR COLUMN CHASES, NOT RUN ALONG WALL FACE. DO NOT STUB OUT OF FLOOR AND RUN ON THE FACE OF THE WALL.
- ANY AND ALL EXPOSED PIPING OR FITTINGS TO BE STAINLESS STEEL, CHROME PLATED, OR ENCLOSED IN A CONCEALED, MOUNTED STAINLESS STEEL CHASE.
- ALL HORIZONTAL PIPING EXTENDED TO AND CONNECTED TO EQUIPMENT ITEMS SHALL BE AT THE HIGHEST PRACTICAL ELEVATION AND NOT LESS THAN 6" ABOVE THE FINISHED FLOOR (TO PROVIDE CLEARANCE FOR CLEANING).
- VENT PIPES TO BE CONCEALED IN WALLS OR COLUMN CHASES. USE LOOP VENTS FOR ISLAND FIXTURES, AS ALLOWED BY LOCAL CODES.
- LINES ROUTED THROUGH EQUIPMENT SHALL NOT INTERFERE WITH THE INTENDED USE OF OR SERVICING OF EQUIPMENT.
- DRINKING FOUNTAINS ARE BY PLUMBING TRADES. VERIFY UTILITY REQUIREMENTS WITH PLUMBING ENGINEER.
- FLOOR DRAINS, FUNNEL FLOOR DRAINS, FLOOR SINKS, ETC. LOCATED AT FOOD PREP SINKS, POT WASHING SINKS, AND DISHWASHERS MUST HAVE REMOVABLE BASKETS TO CATCH FOOD PARTICLES. FLOOR TROUGH DRAINS MUST ALSO BE PROVIDED WITH REMOVABLE BASKETS AND TO BE INSTALLED FLUSH WITH THE FINISHED FLOOR. NO RAISED FLOOR SINKS SHALL BE INSTALLED. ALL DRAINS IN FOODSERVICE AREAS TO BE RUN THROUGH GREASE TRAP UNLESS OTHERWISE ALLOWED BY LOCAL CODE.
- PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL THE FOLLOWING:**
- ALL PLUMBING WORK, LABOR, AND MATERIAL REQUIRED TO CONNECT THIS EQUIPMENT IS TO BE FURNISHED BY ELECTRICAL CONTRACTOR UNLESS SPECIFICALLY CALLED FOR IN FOODSERVICE DOCUMENTS. PLUMBING CONTRACTOR SHALL INCLUDE ROUGHING-IN TO POINTS INDICATED ON ROUGHING-IN PLANS. FINAL CONNECTIONS FROM ROUGH-IN POINTS TO EQUIPMENT REQUIRING THOSE CONNECTIONS, AND THE SUPPLYING OF ALL NECESSARY MATERIALS AND LABOR FOR THIS WORK EXCEPT AS HEREINAFTER NOTED.
- ALL WATER, WASTE AND STEAM SERVICE TO POINT OF ROUGH-IN AS SHOWN ON PLAN. ROUGH-IN OUTLETS TO STUB 4" OUT OF WALLS AT HEIGHT INDICATED FROM FINISHED FLOOR TO CENTERLINE OF SERVICE LINE. FLOOR ROUGH-INS TO STUB UP 3" ABOVE FINISHED FLOOR OR CURB. ALL FLOOR OPENINGS OR PENETRATIONS TO BE SEALED WATERTIGHT.
- FINAL CONNECTIONS TO EQUIPMENT, INCLUDING ALL MATERIALS (STOPS, LINE STRAINERS, TAILPIECES, VALVES, FILTERS, TRAPS, CHECK VALVES, PIPING OF SUPPLY AND WASTE LINES FROM BUILDING SERVICE TO ROUGH-IN, TUBING, ETC.) REQUIRED FOR A COMPLETE INSTALLATION.
- PRESSURE REDUCING AND/OR REGULATING VALVES FOR DISHWASHERS, BOOSTER HEATERS, OR AS OTHERWISE NOTED IN ALL FOODSERVICE AREAS.
- FLOOR SINKS, COMPLETE WITH TOP GRATES AND REMOVABLE SEDIMENT BUCKETS. FIXTURES TO BE SET FLUSH WITH FINISHED FLOOR, EXCEPT AS OTHERWISE NOTED.
- WASTE LINES, DIRECT OR INDIRECT, EXCEPT AS OTHERWISE NOTED. MINIMUM DIAMETER OF LINE SHALL BE AS INDICATED ON PLAN REGARDLESS OF CONNECTION, AND SHALL BE PITCHED DOWNWARD. MAINTAIN DRAIN LINES AS HIGH AS POSSIBLE (MINIMUM 6" CLEAR ABOVE FINISHED FLOOR) FOR SANITATION AND CLEANING. WASTE LINES SHALL HAVE ADEQUATE CLEAN-OUT PROVISIONS PER LOCAL CODES.
- INDIRECT CONDENSATE DRAINLINES FOR WALK-IN COOLER/FREEZER, PITCHED 4" PER 12" OF HORIZONTAL RUN AND TERMINATING IN A P-TRAP OVER A FLOOR SINK.
- INSULATION OF ALL DRAINLINES WITHIN FREEZER COMPARTMENTS.
- REQUIRED GREASE INTERCEPTORS, OUTSIDE THE BUILDING WHERE POSSIBLE. INDOOR GREASE INTERCEPTORS ARE TO BE RESET TO BE TOP OF THE FINISHED FLOOR UNLESS SPECIFIED OTHERWISE, AND REMOVAL OF COVER SHALL NOT INTERFERE WITH THE OPERATION OF FOODSERVICE EQUIPMENT. STRICT COORDINATION WITH EQUIPMENT AND LOCAL CODES REQUIRED IF GREASE INTERCEPTOR IS TO BE SET ABOVE THE FLOOR OR UNDER EQUIPMENT.
- FIRE SUPPRESSION GAS SHUT-OFF VALVE (SOLENOID, EITHER MANUAL OR ELECTRIC) AS SUPPLIED BY FIRE SUPPRESSION SYSTEM CONTRACTOR (IF GAS COOKING EQUIPMENT IS USED).
- VACUUM BREAKERS AS REQUIRED BY LOCAL, STATE, AND NATIONAL CODES.
- INSULATION ON HOT WATER AND CONDENSATE RETURN LINES WITHIN THE FOODSERVICE AREAS. SUCH LINES ARE TO BE COLOR-CODED ACCORDING TO LOCAL CODES.
- CLEAN OUT VALVES FOR STEAM AND CONDENSATE RETURN LINES.
- ITEMS NOT FURNISHED AS A STANDARD PART OF THE EQUIPMENT BY THE MANUFACTURER. FAUCETS PROVIDED BY FOODSERVICE EQUIPMENT CONTRACTOR AND FURNISHED LOOSE AS STANDARD BY EQUIPMENT MANUFACTURERS ARE TO BE MOUNTED AND PLUMBED COMPLETE UNDER THE PLUMBING CONTRACT.



1 FOODSERVICE PLUMBING PLAN
K300 1/4" = 1'-0"

IT IS THE INTENT OF THIS DRAWING TO SHOW PLUMBING CONNECTION POINTS. FOR FINAL ROUGH-IN DRAWINGS, SEE CONTRACTOR'S DETAIL SHOP DRAWINGS. ALLOWANCES SHALL BE MADE FOR TRIM, FITTINGS AND ACCESSORIES.





FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

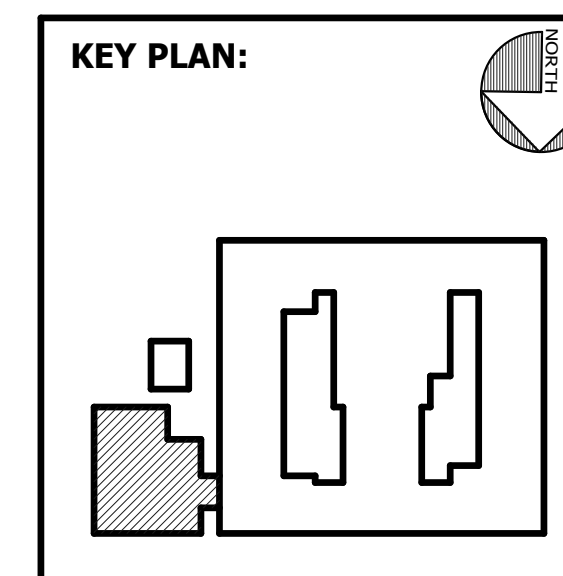
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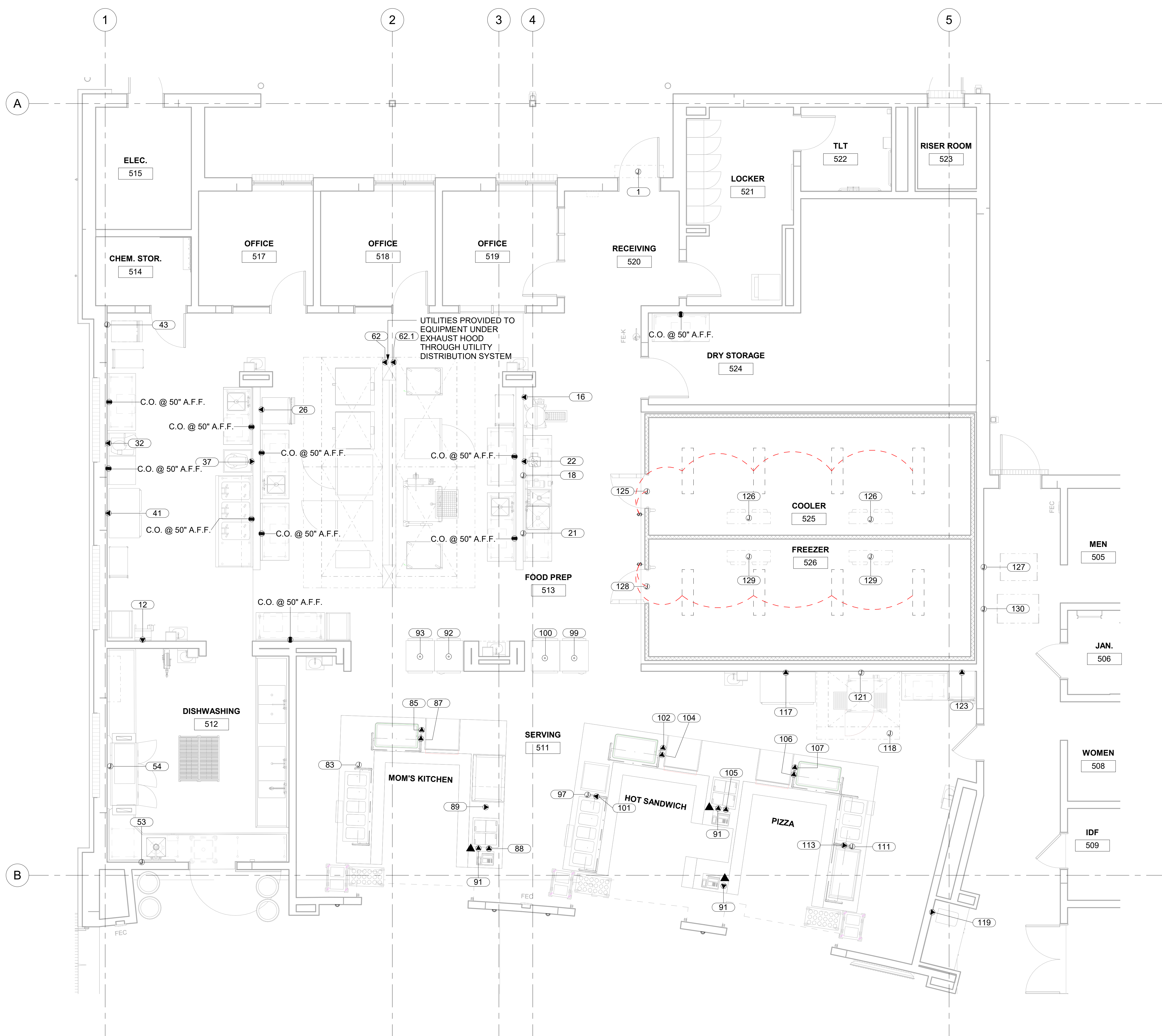
MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
 7402 HODGSON MEMORIAL DRIVE,
 SUITE 100
 SAVANNAH, GA 31406



SHEET TITLE:
FOODSERVICE ELECTRICAL PLAN

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: Author
SCALE: 1/4" = 1'-0"
SHEET: **K400**



1 FOODSERVICE ELECTRICAL PLAN
 K400 1/4" = 1'-0"

ELECTRICAL LEGEND	
▲	SPECIAL PURPOSE RECEPTACLE (DEDICATED CIRCUIT)
⊙	JUNCTION BOX
■	CONVENIENCE OUTLET (C.O.) - 16A/120/1
○	DROP RECEPTACLE (DOWN FROM ABOVE)
▲	STUB RECEPTACLE (UP FROM FLOOR)
▲	DATA CONNECTION
⊞	SWITCH

FOODSERVICE EQUIPMENT CONTRACTOR TO PROVIDE HEATER TAPE FOR WALK-IN FREEZER CONDENSATE DRAIN LINE WITH INSTALLATION BY ELECTRICAL CONTRACTOR.

REMOTE REFRIGERATION WIRING IS SHOWN FOR INFORMATIONAL PURPOSES ONLY. ACTUAL WIRING TO BE DETERMINED BY COMPRESSOR LOCATION AND BUILDING STRUCTURE, IN KEEPING WITH ALL REQUIREMENTS OF THE SPECIFICATIONS.

IT IS THE INTENT OF THIS DRAWING TO SHOW ELECTRICAL CONNECTION POINTS. FOR FINAL ROUGH-IN DRAWINGS, SEE CONTRACTOR'S DETAIL SHOP DRAWINGS. ALLOWANCES SHALL BE MADE FOR TRIM, FITTINGS AND ACCESSORIES.

FOODSERVICE ELECTRICAL NOTES

- THIS ELECTRICAL PLAN AND COORDINATING SCHEDULE IS INTENDED TO SHOW ROUGH-IN LOCATIONS AND HEIGHTS, CONNECTION TYPES, POSITIONS, FIXTURE TYPES, AND LOAD REQUIREMENTS FOR FOODSERVICE EQUIPMENT SPECIFIED AND SCHEDULED FOR REUSE. THIS ELECTRICAL PLAN IS INTENDED TO SHOW ELECTRICAL REQUIREMENTS AND APPROXIMATE ROUGH-IN LOCATIONS ONLY. DO NOT USE FOR ACTUAL ROUGHING-IN. FOR FINAL ROUGH-IN LOCATIONS, SEE DIMENSIONED PLANS PROVIDED BY FOODSERVICE EQUIPMENT CONTRACTOR.
- UTILITY REQUIREMENTS INDICATED ARE TO SERVE AS A REFERENCE TO THE LICENSED PROFESSIONAL ARCHITECT AND/OR ENGINEERS IN THE PREPARATION OF THEIR RESPECTIVE BID AND CONSTRUCTION DOCUMENTS. NO ARCHITECTURAL OR ENGINEERING DESIGN SERVICES ARE INTENDED OR ASSUMED. SEE ELECTRICAL ENGINEER/ARCHITECT'S DRAWINGS FOR ADDITIONAL INFORMATION.
- PRIOR TO EQUIPMENT INSTALLATION, THE FOODSERVICE EQUIPMENT CONTRACTOR SHALL CHECK UTILITY ROUGH-IN LOCATIONS, COORDINATE FIELD CONDITIONS, AND CALL TO THE ATTENTION OF THE GENERAL CONTRACTOR ANY DISCREPANCIES BETWEEN THE FOODSERVICE UTILITY PLANS, THE EQUIPMENT SPECIFIED, AND THE ROUGH-INS AS THEY OCCUR IN THE FIELD.
- SHOULD DISCREPANCIES OCCUR, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE FOODSERVICE CONSULTANT AND/OR PROJECT ARCHITECT/ENGINEER FOR THE CONFLICT TO BE CLARIFIED IN AN OFFICIAL REQUEST FOR INFORMATION.
- ELECTRICAL LOADS ARE BASED ON MANUFACTURER'S INFORMATION. MINIMUM CIRCUIT AMPACITY AND OVERCURRENT PROTECTION TO BE DETERMINED BY CODE REQUIREMENTS AND/OR MANUFACTURER'S DIRECTIONS.
- EXPOSED UTILITY LINES AND PIPES SHALL BE INSTALLED IN A WAY THAT DOES NOT OBSTRUCT OR PREVENT THE CLEANING OF FLOORS, WALLS, AND CEILING AREAS (2 INCHES OFF WALLS AND 6 INCHES MINIMUM OFF FLOORS).
- ELECTRICAL ENGINEER TO BE RESPONSIBLE FOR ALL CONCERNS AND ARRANGEMENTS REGARDING PENETRATIONS INTO THE FLOOR AND WALL. BUILDING OWNER TO APPROVE PRIOR TO CONSTRUCTION.
- ELECTRICAL ENGINEER TO LOCATE RECEPTACLES IN STORAGE AREA AS REQUIRED BY LOCAL BUILDING CODE.
- ELECTRICAL COMPONENTS MUST NOT INTERFERE WITH THE OPERATION OF FOODSERVICE EQUIPMENT.
- IT IS THE RESPONSIBILITY OF THE ELECTRICIAN TO REVIEW THE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ALL FOODSERVICE EQUIPMENT REQUIREMENT ELECTRICAL CONNECTIONS. SOME MAY REQUIRE MULTIPLE CONNECTIONS.
- REVIEW ALL GENERAL NOTES, SHEET QF100.

- ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL THE FOLLOWING:**
- ELECTRICAL ROUGH-IN
 - ALL ELECTRICAL WORK, LABOR, AND MATERIAL REQUIRED TO CONNECT THIS EQUIPMENT IS TO BE FURNISHED BY ELECTRICAL CONTRACTOR UNLESS SPECIFICALLY CALLED FOR IN FOODSERVICE DOCUMENTS. ELECTRICAL CONTRACTOR SHALL INCLUDE ROUGHING-IN TO POINTS INDICATED ON ROUGHING-IN PLANS. FINAL CONNECTIONS FROM ROUGH-IN POINTS TO EQUIPMENT REQUIRING THOSE CONNECTIONS, AND THE SUPPLYING OF ALL NECESSARY MATERIALS AND LABOR FOR THIS WORK EXCEPT AS HEREINAFTER NOTED.
 - ELECTRICAL BUILDING SERVICES INCLUDING BUT NOT LIMITED TO CONDUIT, WIRING, LINE AND DISCONNECT SWITCHES, SAFETY CUTOFFS AND FITTINGS, CONTROL PANELS, FUSES, BOXES AND FITTINGS REQUIRED FOR COMPLETE INSTALLATION (EXCEPT INTERNAL WIRING AS SPECIFIED OR INDICATED OTHERWISE ON DRAWINGS).
 - FINAL ELECTRICAL CONNECTIONS TO EQUIPMENT SHALL BE BY THE ELECTRICAL CONTRACTOR, INCLUDING ALL REQUIRED MATERIALS (SUCH AS LINE AND DISCONNECT SWITCHES, SAFETY CUTOFFS, CONTROL PANELS, FUSES, ELECTRICAL CONTROLS, FITTINGS, CONDUITS AND CONNECTIONS). ITEMS NOT FURNISHED AS A STANDARD PART OF THE EQUIPMENT BY THE MANUFACTURER ARE TO BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. STARTING SWITCHES PROVIDED BY FOODSERVICE EQUIPMENT CONTRACTOR AND FURNISHED LOOSE AS A STANDARD BY THE EQUIPMENT MANUFACTURER ARE TO BE MOUNTED AND WIRED COMPLETE UNDER THE ELECTRICAL CONTRACT.
 - FINAL CONNECTIONS, INCLUDING MOUNTING AND WIRING OF STARTERS AND SWITCHES FURNISHED AS PART OF THE EQUIPMENT (UNLESS OTHERWISE INDICATED ON DRAWINGS).
 - JUNCTION BOXES, ELECTRICAL OUTLETS, COVER PLATES, SWITCHES, ETC. NOT BUILT INTO FIXTURES OR EQUIPMENT. ALL RECEPTACLES, COVER PLATES, ETC. IN FOODSERVICE AREAS SHALL BE MOISTURE PROOF. ELECTRICIAN TO PROVIDE BRUSHED STAINLESS STEEL COVER PLATES AT ALL SERVICE AND CONVENIENCE OUTLETS.
 - PLUGS AND CORDS THAT ARE NEMA RATED AND UL APPROVED FOR MANUFACTURER AND FABRICATED EQUIPMENT.
 - SHUNT-TRIP CIRCUIT BREAKERS OR DISCONNECTS FOR FIRE SUPPRESSION SYSTEM SHUT-OFF FOR EQUIPMENT BENEATH VENTILATORS AS REQUIRED BY NFPA-96 AND LOCAL, STATE, AND NATIONAL CODES.
 - GFI RECEPTACLES AS REQUIRED BY LOCAL, STATE, AND NATIONAL CODES.
 - DISCONNECTS OR OTHER DEVICES AS MAY BE REQUIRED BY LOCAL, STATE, AND NATIONAL CODES.
 - ELECTRICIAN TO PROVIDE "TOMB STONE" STYLE HIGH IMPACT POLYCARBONATE OUTLET COVER WITH HINGED BASE AND WATER PROOF GASKET AT "2" AFF. PROVIDE TYPE OF OUTLET AS SHOWN ON PLAN. UNIT SHALL HAVE A MINIMUM OF TWO 3/4" CONDUITS ENTER THROUGH THE BOTTOM OF EACH BOX. ALIGN CONDUITS PARALLEL WITH TABLE OR CABINET.

- WHEN APPLICABLE, THE ELECTRICAL CONTRACTOR SHALL PROVIDE CIRCUIT AND WIRING, INSTALL ELECTRICAL COMPONENTS (PROVIDED BY THE FOODSERVICE EQUIPMENT CONTRACTOR), AND INTERWIRE BETWEEN THE FOLLOWING:**
- EXHAUST HOODS FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTOR WITH LIGHT FIXTURES, EMPTY CONDUIT TO JUNCTION BOX, AND PRE-WIRE PACKAGE. ELECTRICAL CONTRACTOR TO INTERCONNECT TO SWITCHES AND MAKE FINAL CONNECTIONS.
 - STAINLESS STEEL UTILITY CHASE SHALL BE FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTOR WITH HOLES CUT FOR RECEPTACLES AND CORD AND PLUG SETS LOOSE. ELECTRICAL CONTRACTOR TO INSTALL AND WIRE EACH RECEPTACLE ON UTILITY CHASE AND MAKE FINAL CONNECTIONS. ELECTRICAL CONTRACTOR TO CONNECT ALL CORD AND PLUG SETS TO EQUIPMENT.
 - FIRE SUPPRESSION SYSTEM FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTOR WITH APPLIANCE SHUT-OFF FEATURE. ELECTRICAL CONTRACTOR TO INTERCONNECT TO SHUNT TRIPS PER MANUFACTURER'S DIAGRAM SO AS TO SHUT OFF ALL EQUIPMENT UNDER HOODS WITH ACTIVATED POWER TO ALL ELECTRICALLY OPERATED COOKING EQUIPMENT UNDER HOODS TO BE FROM PANEL WHERE MAIN BREAKER IS INTERWIRED WITH THE FIRE SUPPRESSION SYSTEM AND/OR FIRE TERMINAL BLOCK IN THE UTILITY DISTRIBUTION SYSTEM SO THAT THE POWER SHUT-OFF IS ACHIEVED UPON EITHER MANUAL OR AUTOMATIC OPERATION OF THE FIRE SUPPRESSION SYSTEM. ALL INTERWIRING BY ELECTRICAL CONTRACTOR.
 - HOOD CONTROLS AND FIRE SUPPRESSION SYSTEMS EACH REQUIRE 24-HOUR EMERGENCY ELECTRICAL SERVICE.
 - ELECTRICAL CONTRACTOR TO PROVIDE CIRCUITS ON ROOF FOR EXHAUST/SUPPLY FANS. VERIFY UTILITIES REQUIRED WITH MECHANICAL CONTRACTOR AND LOCATION OF UNITS WITH GENERAL CONTRACTOR. FINAL CONNECTIONS BY ELECTRICAL CONTRACTOR.
 - DISHMACHINE SHALL BE FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTOR PRE-WIRED TO INTEGRAL CONTROL PANEL AND READY FOR FINAL CONNECTION BY ELECTRICAL CONTRACTOR.
 - DISHMACHINE SHALL BE FURNISHED WITH EXHAUST FAN CONTROL SWITCH BY FOODSERVICE EQUIPMENT CONTRACTOR. ELECTRICAL CONTRACTOR TO INTERCONNECT TO EXHAUST FAN SO THAT FAN OPERATES WHEN DISHMACHINE IS TURNED ON.
 - DISHMACHINE SHALL BE FURNISHED WITH LIMIT SWITCH BY FOODSERVICE EQUIPMENT CONTRACTOR. ELECTRICAL CONTRACTOR TO INTERCONNECT AND MAKE FINAL CONNECTIONS.
 - COLD STORAGE ROOMS SHALL BE FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTOR WITH PRE-WIRED LIGHT AND SWITCH AT DOOR PANEL. ELECTRICAL CONTRACTOR TO PROVIDE INTERCONNECTING WIRING TO EXTRA LIGHT FIXTURES AND MAKE FINAL CONNECTIONS.
 - REFRIGERATION SYSTEMS SHALL BE FURNISHED AND INSTALLED BY FOODSERVICE EQUIPMENT CONTRACTOR. DEFROST CONTROL WIRING BETWEEN FREEZER CONDENSING UNIT AND EVAPORATOR COIL SHALL BE BY ELECTRICAL CONTRACTOR. FINAL ELECTRICAL DROPS AND DISCONNECTS FOR CONDENSING UNITS AND EVAPORATOR COILS SHALL BE FURNISHED BY ELECTRICAL CONTRACTOR. DISPOSERS SHALL BE FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTOR WITH SOLENOID VALVE AND AUTO-REVERSING CONTROL CENTER WITH MAGNETIC STARTER AND START/STOP BUTTONS. INTERWIRING AND FINAL CONNECTION BY ELECTRICAL CONTRACTOR.
 - UTILITY DISTRIBUTION SYSTEM SHALL BE FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTOR PRE-WIRED AND READY FOR FINAL CONNECTION BY ELECTRICAL CONTRACTOR. FOODSERVICE EQUIPMENT CONTRACTOR TO FURNISH CORD AND PLUG SETS FOR INSTALLATION TO EQUIPMENT BY ELECTRICAL CONTRACTOR. ANY NECESSARY INTERWIRING AND FINAL CONNECTIONS TO THE EQUIPMENT SHALL BE BY THE ELECTRICAL CONTRACTOR.
 - AIR CURTAIN FAN TO BE FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTOR WITH DOOR SWITCH. ELECTRICAL CONTRACTOR TO PROVIDE MASTER SWITCH, INTERWIRE DOOR SWITCH, AND MAKE FINAL CONNECTIONS.



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

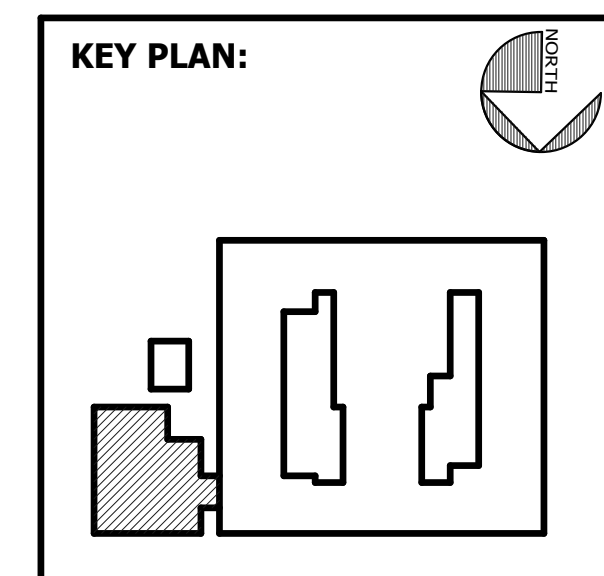
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SHEET TITLE:
FOODSERVICE VENTILATION PLAN

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: Author
SCALE: 1/4" = 1'-0"
SHEET: **K500**

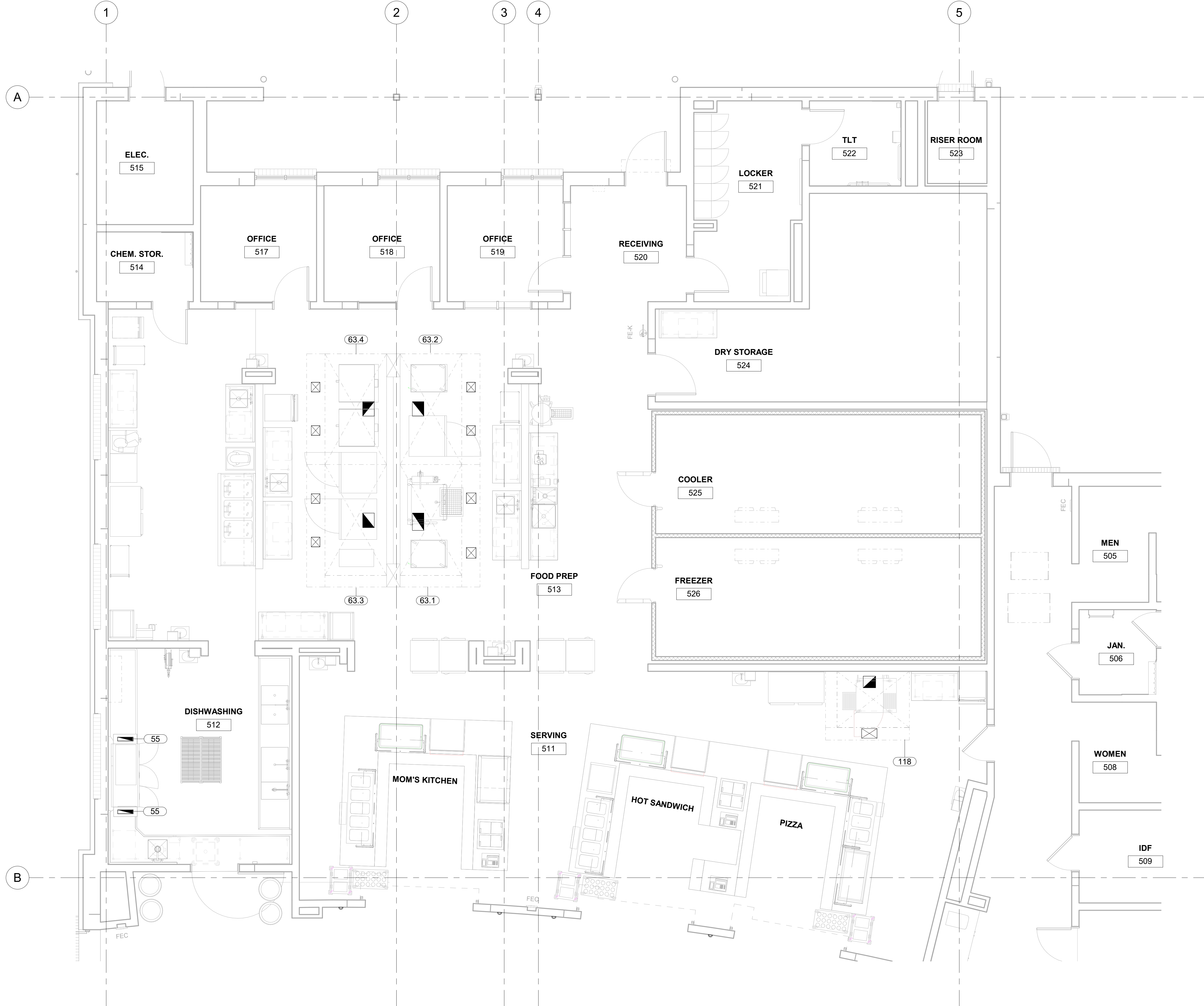
VENTILATION LEGEND	
	EXHAUST CONNECTION
	SUPPLY CONNECTION
	ROUND EXHAUST CONNECTION
	ROUND SUPPLY CONNECTION
	MANUAL FIRE SYSTEM PULL

FOODSERVICE VENTILATION SCHEDULE													
ITEM NO.	QTY.	DESCRIPTION	EXHAUST QTY.	EXHAUST WIDTH	EXHAUST DEPTH	EXHAUST CFM	EXHAUST S.P.	MU AIR QTY.	MU AIR WIDTH	MU AIR DEPTH	MU AIR CFM	MU AIR S.P.	VENTILATION REMARKS
55	2	S/S DUCT		4"	16"	0	0						
63.1	1	EXHAUST HOOD	1	18"	12"	2,214	0.82	2	11"	10"	664	0.1	
63.2	1	EXHAUST HOOD	1	18"	12"	1,803	0.82	2	9"	10"	541	0.1	
63.3	1	EXHAUST HOOD	1	18"	12"	1,792	0.82	2	9"	10"	538	0.1	
63.4	1	EXHAUST HOOD	1	18"	12"	1,792	0.82	2	9"	10"	538	0.1	
118	1	EXHAUST HOOD	1	13"	12"	1,610	0.81	1	16"	10"	966	0.1	

FOODSERVICE VENTILATION NOTES

- THIS VENTILATION PLAN AND COORDINATING SCHEDULE IS INTENDED TO SHOW VENTILATION LOCATIONS, CONNECTION TYPES, AND LOAD REQUIREMENTS FOR FOODSERVICE EQUIPMENT TYPES, AND LOAD REQUIREMENTS FOR FOODSERVICE EQUIPMENT SPECIFIED AND SCHEDULED FOR REUSE. THIS VENTILATION PLAN IS INTENDED TO SHOW VENTILATION REQUIREMENTS AND APPROXIMATE LOCATIONS ONLY. DO NOT USE FOR ACTUAL ROUGHING-IN. FOR FINAL ROUGH-IN LOCATIONS, SEE DIMENSIONED PLANS PROVIDED BY FOODSERVICE EQUIPMENT CONTRACTOR.
- UTILITY REQUIREMENTS INDICATED ARE TO SERVE AS A REFERENCE TO THE LICENSED PROFESSIONAL ARCHITECT AND/OR ENGINEERS IN THE PREPARATION OF THEIR RESPECTIVE BID AND CONSTRUCTION DOCUMENTS. NO ARCHITECTURAL OR ENGINEERING DESIGN SERVICES ARE INTENDED OR ASSUMED. SEE ELECTRICAL ENGINEER/ARCHITECT'S DRAWINGS FOR ADDITIONAL INFORMATION.
- PRIOR TO EQUIPMENT INSTALLATION, THE FOODSERVICE EQUIPMENT CONTRACTOR SHALL CHECK UTILITY ROUGH-IN LOCATIONS, COORDINATE FIELD CONDITIONS, AND CALL TO THE ATTENTION OF THE GENERAL CONTRACTOR ANY DISCREPANCIES BETWEEN THE FOODSERVICE UTILITY PLANS, THE EQUIPMENT SPECIFIED, AND THE ROUGH-INS AS THEY OCCUR IN THE FIELD. SHOULD DISCREPANCIES OCCUR, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE FOODSERVICE CONSULTANT AND/OR PROJECT ARCHITECT/ENGINEER FOR THE CONFLICT TO BE CLARIFIED IN AN OFFICIAL REQUEST FOR INFORMATION.
- GENERAL CONTRACTOR TO PROVIDE FINISHED SHAFTS AND OPENING THROUGH THE CEILING AND ROOF FOR EXHAUST AND MAKE-UP AIR DUCTS. OPENINGS AND SHAFTS TO BE SIZED AND LOCATED PER EQUIPMENT FLOOR PLAN AND ROUTED TO ALLOW FOR A MINIMUM OF TURNS AND CHANGES OF DIRECTION. SHAFTS AND OPENINGS FOR EXHAUST DUCTS TO BE CONSTRUCTED TO HAVE A MINIMUM TWO HOUR FIRE RATING, OR AS REQUIRED BY THE GOVERNING AUTHORITIES.
- ROOF PENETRATION(S) FOR EXHAUST AIR DUCT(S) TO BE FURNISHED WITH A CURB WITH ROOFING MATERIAL COVERED UP THE FACE SO ONLY THE TOP SURFACE REQUIRES WEATHERPROOFING. CURB HEIGHT TO BE A MINIMUM OF 6" HIGH, BUT IN ALL CASES HIGH ENOUGH TO MAKE THE DISCHARGE HEIGHT OF EXHAUST FAN(S) A MINIMUM OF 42" ABOVE THE FINISHED ROOF OR AS REQUIRED BY GOVERNING AUTHORITIES. GENERAL CONTRACTOR TO WEATHERPROOF ALL ROOF OPENINGS.
- ROOF PENETRATION(S) FOR MAKE-UP AIR DUCT(S) TO BE FURNISHED SIMILAR TO EXHAUST AIR DUCT PENETRATION(S). CURB FOR MAKE-UP AIR UNITS SHALL BE HIGH ENOUGH TO ALLOW 18" MINIMUM CLEARANCE BELOW ANY INTAKE AIR EXTENSIONS THAT BE REQUIRED.
- GENERAL CONTRACTOR TO PROVIDE PLATFORMS AND SLEEPERS ON ROOF FOR COMPRESSOR PADS. TOPS OF ALL PADS TO BE COVERED IN GALVANIZED SHEET METAL BY GENERAL CONTRACTOR. VERIFY SIZE WITH FOODSERVICE EQUIPMENT CONTRACTOR. VERIFY LOCATION OF PADS WITH ARCHITECT AND STRUCTURAL ENGINEER.
- ELECTRICAL CONTRACTOR TO PROVIDE POWER ON ROOF FOR THE CONNECTION OF ALL EXHAUST AND MAKE-UP AIR SYSTEM COMPONENTS. FURNISH NON-FUSED DISCONNECT SWITCHES FOR EACH UNIT SO THAT EACH PIECE OF EQUIPMENT CAN BE INDEPENDENTLY SWITCHED OFF ON THE ROOF. ALL ELECTRICAL LINES, CONNECTIONS, AND SWITCHES ON ROOF MUST BE WEATHERPROOFED. THIS WORK TO BE DONE BY THE ELECTRICAL CONTRACTOR UNDER THEIR CONTRACT WITH THE GENERAL CONTRACTOR.
- FOODSERVICE EQUIPMENT CONTRACTOR TO FURNISH MAGNETIC STARTERS AND THERMO-OVERLOAD PROTECTION FOR UNITS UNDER THEIR CONTRACT.
- ELECTRICAL CONTRACTOR TO PROVIDE, INSTALL, AND HOOK-UP SWITCH BOXES FOR OPERATING MAKE-UP AIR SYSTEMS. EQUIPMENT MANUFACTURER TO PROVIDE ELECTRICAL CONTRACTOR WITH WIRING DIAGRAM SHOWING CONNECTION OF UNITS. ELECTRICAL CONTRACTOR TO INTER-CONNECT EXHAUST AND MAKE-UP AIR FANS AND WIRE TO A SINGLE "ON-OFF" SWITCH WITH PILOT LIGHT.
- PLUMBING CONTRACTOR TO PROVIDE TO PROVIDE WATER LINES, GAS LINES, AND NECESSARY DRAIN LINES ON ROOF AND CONNECT TO ALL MAKE-UP AIR SYSTEM COMPONENTS AS REQUIRED FOR PROPER OPERATION OF UNITS. PLUMBER TO FURNISH READILY ACCESSIBLE SHUT-OFF VALVES IN GAS LINES TO EACH DUCT FURNACE AND IN WATER LINES TO EACH EVAPORATIVE COOLER. EVAPORATIVE COOLERS TO DRAIN TO ROOF DRAINS. ALL PIPING ON ROOF TO BE RUN WITH A MINIMUM OF 18" CLEARANCE BETWEEN PIPING AND FINISHED ROOF SURFACE. THIS WORK TO BE DONE BY THE PLUMBER UNDER THEIR CONTRACT WITH THE GENERAL CONTRACTOR. ALL WORK TO BE ACCOMPLISHED AS REQUIRED BY GOVERNING AUTHORITIES.

IT IS THE INTENT OF THIS DRAWING TO SHOW MECHANICAL CONNECTION POINTS. FOR FINAL ROUGH-IN DRAWINGS, SEE CONTRACTOR'S DETAIL SHOP DRAWINGS. ALLOWANCES SHALL BE MADE FOR TRIM, FITTINGS AND ACCESSORIES.



1 FOODSERVICE VENTILATION PLAN
 K500 1/4" = 1'-0"



GENERAL NOTES FOR VENTILATORS

PLUMBING (if applicable)

- 140°F min. to 180°F max. hot water required to Control Cabinet.
- Water flow pressure 40 psi min. to 80 psi max. at Control Cabinet.
- Ventilator drains must be connected to building drains as per local codes.
- Refer to drawing notes for total water consumption. Average cleaning cycle time: 3 minutes for light duty equipment, 5 minutes for medium duty equipment and 9 minutes for heavy duty equipment.

BACK FLOW PROTECTION (if applicable)

- A reduced pressure principle device back flow preventer is furnished within the Control Cabinet, as illustrated by the drawing, unless otherwise noted.

ELECTRICAL

- Provide dedicated electrical service to the ventilator control cabinet (if applicable) or locate Fan Start/Stop Switch in a convenient location. Refer to the wiring diagram for required voltage.
- If ventilators are equipped with light fixtures, provide a separate light circuit to the ventilator as shown on electrical plan.

EXHAUST VOLUME REQUIREMENTS

- Exhaust Volumes as shown on the drawings are determined by established Gaylord engineering methods, ASHRAE 90.1 2016, CA Title 24 2016, IECC 2015, and in accordance with the terms of the ventilator's listing. These air volume levels require that the make-up air be brought into the space in such a way that it does not negatively affect the ventilator. See the Make-up Air Requirements and the "Typical Design" drawing.
- Ventilator static pressure is noted on each ventilator plan view. Total duct system and other external static's must be added to the ventilator static for determining the total system static pressure drop. Static based on operation at mean sea level at kitchen ambient.

MAKE-UP AIR REQUIREMENTS

- Make-up air is critical to the performance of the ventilator.
- The total amount of make-up air (supply air) brought into the kitchen must be between 90% and 100% of the total exhaust volume. It should be brought in throughout the kitchen evenly for best results. See the "Typical Design" drawing.

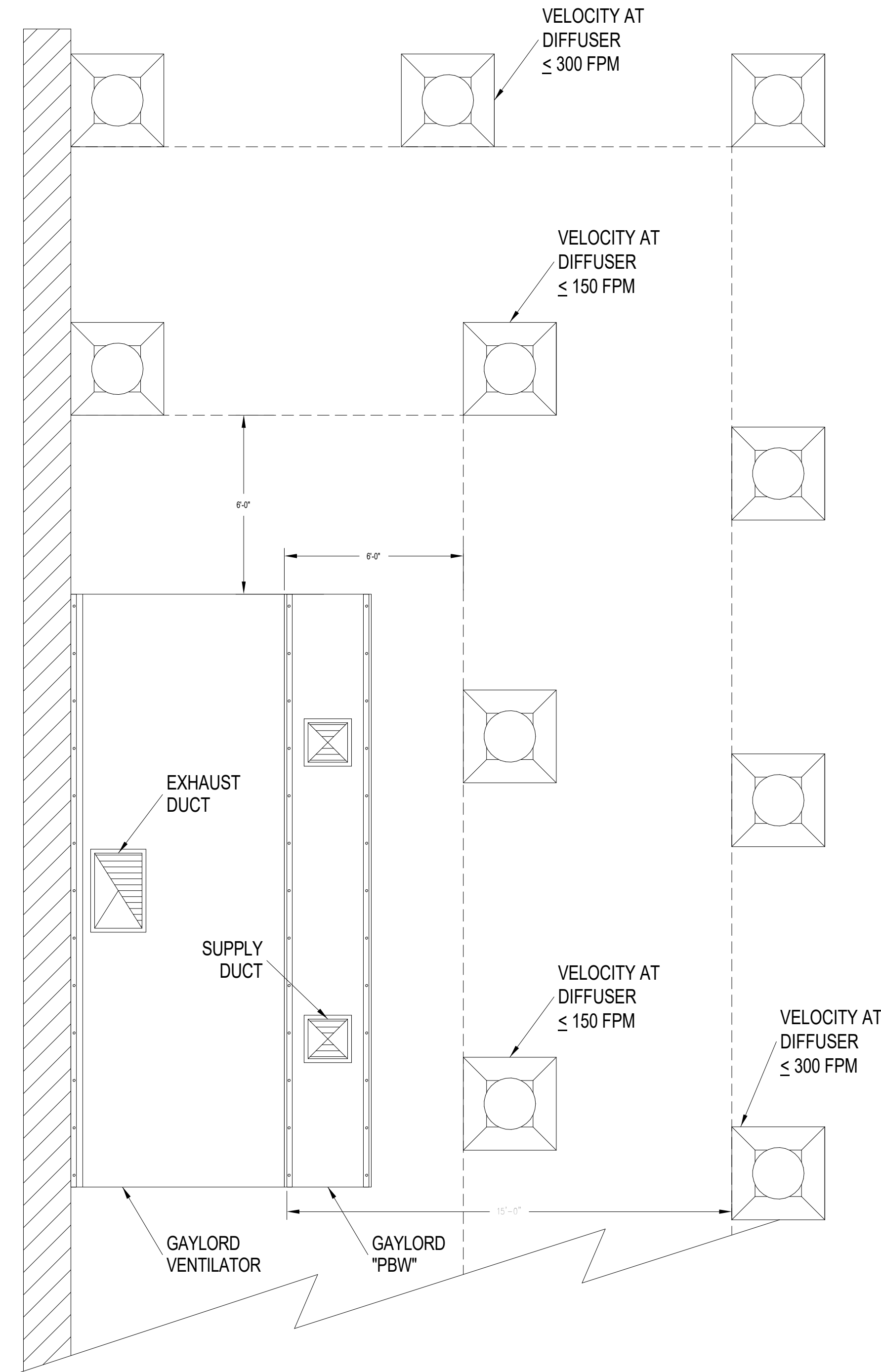
AIR FLOW RATES

- Exhaust and Supply Air Flow Rates were established under controlled laboratory conditions. Greater Exhaust and/or lesser Supply Air Flows may be required for complete vapor removal in specific installations.

INSTALLATION

- Ventilators to be installed in accordance with NFPA-96 and all other local applicable codes. Contractors must review applicable codes with code authorities before approving drawings for fabrication. Special attention must be given to code regulations relative to clearances from surrounding combustible and limited combustibles construction (walls, ceiling, etc.).

- Ventilators manufactured in multiple sections are factory pre-wired to a single connection point. Ventilator wiring is disconnected for shipment to be reconnected by electrical contractor.
 - Ventilators manufactured in multiple sections may have drains factory interconnected (see drawing) to a single outlet point. Ventilator plumbing is disconnected for shipment to be reconnected by plumbing contractor.
 - All ductwork beyond the ventilator duct take-off collar to be provided and installed by others, in accordance with applicable codes. Exhaust ducts must be continuously welded liquid tight.
 - All ventilators are equipped with hanging brackets. Hanging rods to be supplied by ventilator installer. Hanging weight of the ventilator(s) is noted on each drawing.
 - Ventilators manufactured in multiple sections are provided with bolts, clips, and all necessary hardware for reconnecting by the ventilator installer.
- CONSTRUCTION**
- Ventilators are manufactured in strict accordance with Gaylord specifications.
 - Ventilators constructed of 18 Ga. stainless steel, Type 300 series, No. 4 finish unless otherwise noted on drawings.
- FIRE EXTINGUISHING SYSTEM**
- Fire extinguishing system to be installed in accordance with NFPA-96. Refer to "FIRE PROTECTION SYSTEM NOTES" for information on supplier and installation.
 - Caution: Fire extinguishing system piping installed on the ventilator at job site should be coordinated with Gaylord to ensure piping does not interfere with the ventilator's operation/performance. Improper installation may void the Listings of the ventilator.
 - IMPORTANT NOTE:** NFPA-96 requires that all gas and electric cooking equipment, that is protected by surface fire protection, must automatically shut off upon activation of the fire extinguishing system.
 - IMPORTANT NOTE:** Most building departments require separate hood and fire protection permits prior to installation. The hood permit is typically obtained through the plan review department and the fire protection permit from the fire prevention bureau. It is the responsibility of the installing contractor to check with local building departments for their requirements and to obtain necessary permits.
- LIGHTING**
- Light fixtures in ventilators will provide less than 50 foot candles of light at the cooking surface as a standard, unless otherwise noted on Drawings. Confirm if this amount of light is acceptable with local health codes.
- FINISH CEILING**
- Exact floor to structural ceiling and floor to finish ceiling heights must be verified for ventilator design. Incorrect heights may cause the ventilator to not fit properly or comply with clearances specified in applicable codes and standards.



Gaylord Capture Performance Guarantee

Gaylord warrants the Capture Performance of the ventilator, only if the Exhaust Air Volumes are correct, per the Exhaust Air Volume Guidelines, and the Make-up Air Volumes are correct and the make-up air is delivered correctly, per the Make-up Air Delivery Guidelines as stated below.

Exhaust Air Volume Guidelines:

- The amount of air exhausted by the Gaylord Ventilator shall be between 100% and 110% of the values shown on the Plan View for the Exhaust Ducts for each ventilator

Make-up Air Delivery Guidelines:

- Gaylord "PBW" Plenum boxes shall be included for each ventilator
- The amount of make-up air delivered through the Gaylord "PBW" plenum boxes shall be between 90% and 100% of the values shown on the Plan View for the Supply Ducts for each ventilator
- The make-up air delivered using Gaylord "PBW" plenum boxes shall not exceed 60% of the exhaust volume of the ventilator
- Ceiling diffusers shall be at least 6'-0" from all sides of the ventilator and the velocity at the diffuser shall not exceed 150 Feet per Minute (FPM)
OR
Ceiling diffusers shall be 15'-0" from all sides of the ventilator and the velocity at the diffuser shall not exceed 300 Feet per Minute (FPM)
- The maximum velocity of the make-up air from Transfer Air, Diffusers, etc. shall not exceed 75 FPM at the ventilator lip
- Cross drafts from pass through windows, hallways, or other openings shall not exceed 50 FPM
- All forms of make-up air introduction (PBW, Transfer Air, Diffusers, etc.) must be evenly distributed around each ventilator to prevent unequal pressurization
- Kitchen pressurization shall not exceed -0.02"W.G. relative to the dining or adjacent spaces, as stated in NFPA-96 and ASHRAE Standard 154
- For more information on acceptable methods of Make-up Air Delivery reference ASHRAE Standard 154.

Following these guidelines will result in proper capture and containment at the ventilator and enact the Gaylord Capture Performance Guarantee. If jobsite conditions cannot accommodate these guidelines, consult factory for alternative design.

Gaylord recommends the kitchen temperature be kept between 74°F to 79°F with a dew point not exceeding 55°F to prevent excess condensation and or dripping in the hood over heavy steam producing equipment such as Steamers, Kettles, Dim Sum Counters, etc. If this is not possible, please consult the factory for increased air volume levels to prevent condensation buildup and potential dripping. Please refer to ASHRAE STD's 62.1-2010, 55-2010, and "The ASHRAE Guide for Buildings in Hot & Humid Climates" to address occupancy comfort and reduce the growth of pathogenic or allergenic organisms. It should be noted that exceeding these values can result in increased potential for unsanitary conditions.

THE GAYLORD VENTILATOR TESTING, LISTING AND COMPLIANCE REFERENCES:

IMPORTANT NOTE: Gaylord Ventilators are designed to meet the National codes listed below. Local codes may vary. Gaylord Industries must be notified in writing of local codes that may affect the ventilator design.

NATIONAL FIRE PROTECTION ASSOCIATION

The exhaust ventilator meets all requirements of the latest edition of NFPA-96.

SANITATION LISTING

The exhaust ventilator is listed to: NSF Standard #2 - "Food Service Equipment"

INTERNATIONAL & UNIFORM MECHANICAL CODE

The exhaust ventilator meets all requirements of IMC and UMC.

INTERTEK TESTING SERVICES

The exhaust ventilator is ETL Listed. *

* ETL listed exhaust ventilators are tested to standard: UL 710 - "Exhaust Hoods for Commercial Cooking Equipment".



APPROVAL NOTICE

Prior to releasing the ventilator for fabrication, this drawing must be signed by an authorized representative of the company ordering the equipment and returned to GAYLORD INDUSTRIES. By approving these drawings, the company ordering the equipment agrees to the general notes, accepts the equipment as shown, and has verified the following have been checked:

IMPORTANT

- All dimensions such as size and location, drain and hot water location, ceiling height, overall size of ventilator, clearances to beams and other obstructions.
- The location of the cooking equipment in relation to the ventilator is correct as shown for proper placement of the surface fire protection nozzles.

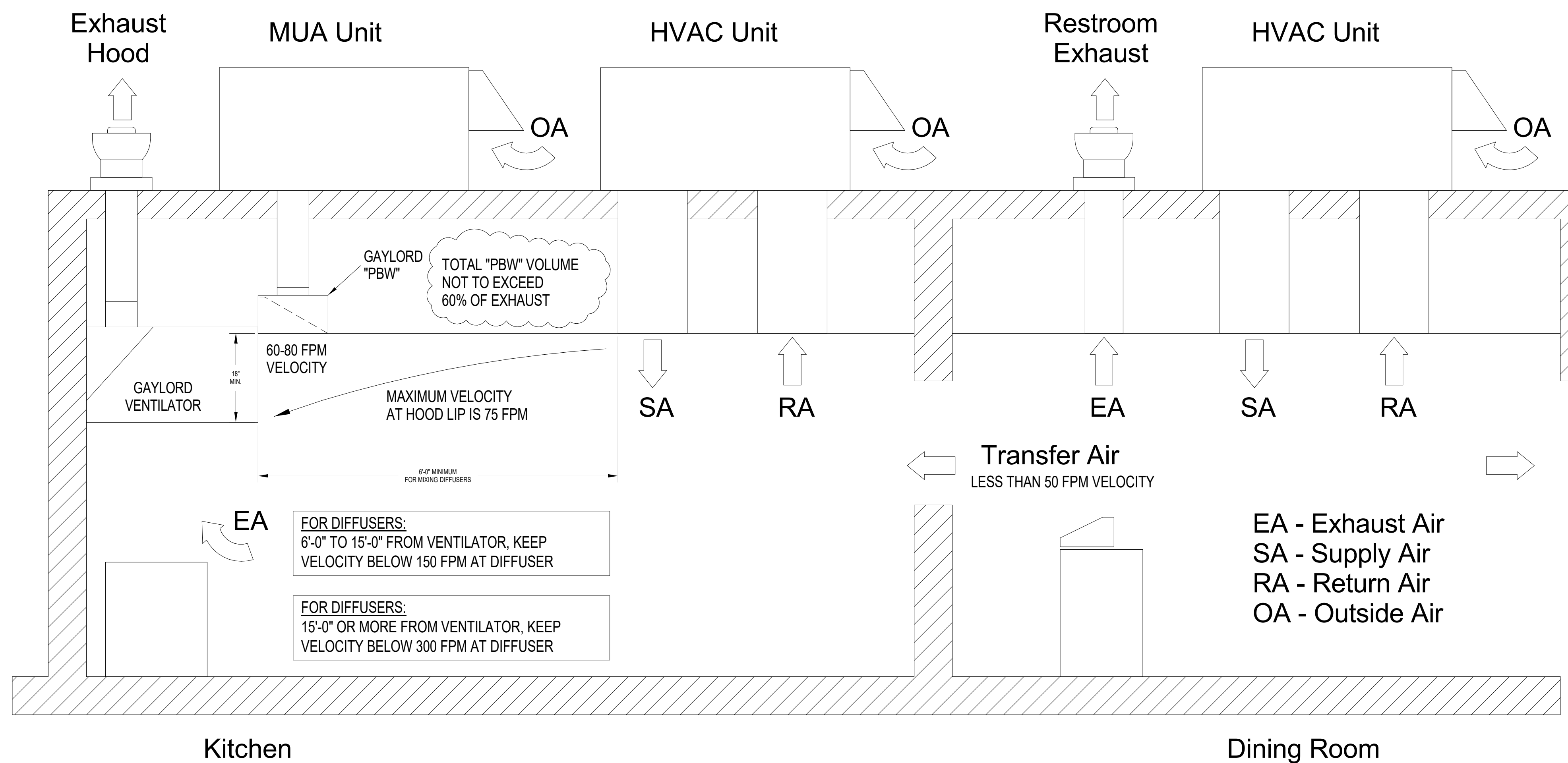
APPROVED FOR FABRICATION

Any changes in cooking equipment location, necessitating the relocation of the surface fire protection nozzles must be brought to the attention of GAYLORD INDUSTRIES in writing, prior to the kitchen being turned over to operating personnel.

Revise and Resubmit

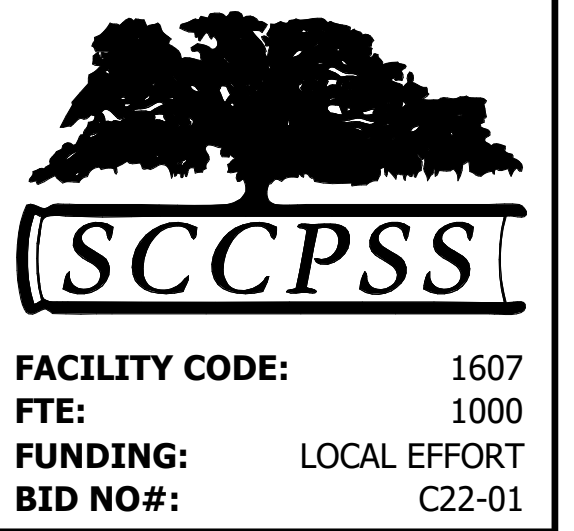
Without changes
With changes as shown

Signature _____ Date _____



TYPICAL DESIGN

VOL. II SAVANNAH ARTS ACADEMY ADDITION
500 WASHINGTON AVENUE
SAVANNAH, GEORGIA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
GMP CONSTRUCTION DOCUMENTS



Cogdell Mendrala Architects
COGDELL & MENDRALA ARCHITECTS, PC
517 EAST CONGRESS STREET
SAVANNAH, GEORGIA 31401
tel 912.234.6318
fax 912.236.8414
cogdellmendrala.com

SEAL:

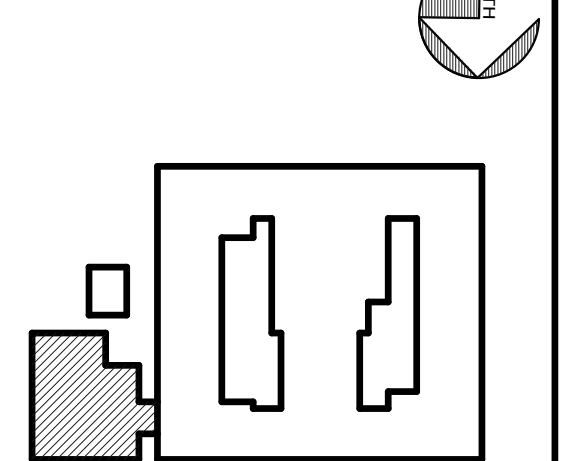
PROJECT CONSULTANTS:

CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
40 JOE KENNEDY BLVD.
STATESBORO, GA 30458

STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
400 E. JOHNNY MERCER BOULEVARD
SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

KEY PLAN:



SHEET TITLE: FOODSERVICE EXHAUST HOOD DETAILS

REVISION SCHEDULE

DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: Author
SCALE: 1/2" = 1'-0"

SHEET: **K501**



AIRVANTAGE DESIGN STRATEGY SHEET

DCV SYSTEM GENERAL NOTES

AIRVANTAGE DESIGN RECOMMENDATIONS:
 DESIGN ASSUMPTIONS: EXHAUST AND REPLACEMENT AIR VOLUMES SHALL ADJUST 1 FOR 1. MAKEUP AIR DELIVERY IS BY GAYLORD PERIMETER SUPPLY PLENUM OR NON-ASPIRATING DIFFUSERS AS SPECIFIED IN THE GAYLORD CAPTURE PERFORMANCE GUARANTEE. KITCHEN PRESSURE IS TO BE MAINTAINED AT 0 TO -0.02 INWG RELATIVE TO ADJACENT SPACES AND POSITIVE TO THE OUTSIDE AS PER INTERNATIONAL MECHANICAL CODE REQUIREMENTS. STANDARD DESIGN PBW AIRFLOWS ARE 60% OF THE EXHAUST OR STANDARD DESIGN DIFFUSER REPLACEMENT AIRFLOW IS 80% OF THE EXHAUST. CEILING DIFFUSERS ARE INSTALLED PER THE GAYLORD CAPTURE PERFORMANCE GUARANTEE. REPLACEMENT AIR STRATEGIES:

1. DIRECT CONTROLLER METHOD: DEDICATED MAKEUP AIR UNIT SUPPLYING AIR TO 1 OR MORE EXHAUST HOODS WITH 1 TO 3 EXHAUST FANS PER AIRVANTAGE COMMAND CENTER. MAKEUP AIRFLOWS ARE VFD CONTROLLED DIRECTLY.
2. VAV SUPPLY METHOD: DEDICATED MAKEUP AIR UNIT OR AIR HANDLING UNIT SUPPLYING DUCT STATIC PRESSURE CONTROLLED MAKEUP AIR TO ONE OR MORE VAVS. VAVS SUPPLYING AIR TO SINGLE HOODS ARE TO BE HOOD-CONTROLLED. NO MORE THAN 2 VAVS SERVING MULTIPLE HOOD SECTIONS, EITHER THROUGH PLENUM BOXES OR CEILING DIFFUSERS, ARE TO BE CONTROLLED BY THE COMMAND CENTER.
3. AREA PRESSURE METHOD: SHARED AREA REPLACEMENT AIRFLOW MANAGED BY ADJACENT SPACE/KITCHEN PRESSURE RELATIVE TO THE OUTSIDE OF THE BUILDING. UP TO 4 EXHAUST FANS MAY BE CONTROLLED BY A SINGLE AIRVANTAGE COMMAND CENTER. ALL REPLACEMENT DESIGN STRATEGIES ARE HANDLED BY THE MECHANICAL ENGINEER OF RECORD.
4. CUSTOM DESIGN METHOD, (T2): STRATEGY DESIGNED IN COMBINATION WITH THE MECHANICAL ENGINEER OF RECORD TO ACCOMPLISH SPECIFIC DESIGN CRITERIA. EX: MANAGING KITCHENS WITH OUTSIDE DOORS OR FENESTRATION.

SCOPE OF WORK RESPONSIBILITIES

MECHANICAL ENGINEER OF RECORD AND/OR THE MECHANICAL CONTRACTOR:

- PROVIDE GAYLORD INDUSTRIES WITH THE FOLLOWING INFORMATION AT THE START OF THE PROJECT SUBMITTAL DRAFTING PROCESS TO SUPPORT A SUCCESSFUL INSTALLATION OF THE DCV SYSTEM.
1. KITCHEN EXHAUST FAN DETAILS INCLUDING EXHAUST AND MAKEUP AIR FAN SCHEDULES THAT LIST FAN MOTOR VOLTAGE AND HORSEPOWER AND IDENTIFY WHICH EXHAUST HOODS ARE ASSOCIATED WITH EACH FAN.
 2. DETAILS OF THE MAKEUP AIR UNIT TYPE AND OPERATIONAL AIRFLOW RANGE.
 3. MECHANICAL DUCTWORK DETAILS OF KITCHEN EXHAUST AND MUA SYSTEM.
 4. CONFIRM THAT THE KITCHEN EXHAUST HOOD MAKEUP AIR CAN MODULATE TO AS LOW AS 30% OF DESIGN AIR FLOW.
 5. LOCATION OF THE VFDS FOR THE MAKEUP AIR AND EXHAUST FAN ASSOCIATED WITH THE KITCHEN EXHAUST HOODS.
 6. FOR SYSTEMS SPECIFIED WITH SMARTAIR VAV CONFIRM VAV UNIT SIZING, VAV PLACEMENT, AND INSTALLATION.

SCOPE OF WORK PERFORMED BY DCV CERTIFIED TECHNICIAN:

1. VERIFY THAT ALL FINAL CABLE CONNECTIONS TO THE AIRVANTAGE COMMAND CENTER ARE PROPERLY INSTALLED PRIOR TO THE DCV STARTUP PROCESS.
 2. VERIFY ANY CONTROL WIRING TO BMS, IF REQUIRED, IS PROPERLY INSTALLED PRIOR TO THE DCV STARTUP PROCESS.
 3. PERFORM THE COMPLETE STARTUP AND COMMISSIONING PROCESS OF THE DCV SYSTEM PER THE TECHNICAL MANUAL AND THE SUBMITTAL DRAWINGS ONCE ALL INSTALLATION OF THE EQUIPMENT AND WIRING IS CONFIRMED COMPLETE BY KEC.
- a) SET ALL HOOD SECTIONS TO DESIGN AIR FLOW PER APPROVED GAYLORD SUBMITTAL DRAWINGS.
 b) ADJUST THE VFD SET POINTS IF THE VFD(S) ARE PROVIDED BY GAYLORD; OR COORDINATE THE ADJUSTMENTS WITH THE CONTRACTOR PROVIDING THE VFD(S).
 c) VERIFY COMPLETE DCV SYSTEM FUNCTIONALITY PER SEQUENCE OF OPERATIONS, MAXIMIZE SYSTEM OPTIMIZATION, AND PROVIDE A COMMISSIONING REPORT.
- OPTIONAL: DCV CERTIFIED TECHNICIAN TO OVERSEE THE INSTALLATION OF THE SYSTEM THROUGH UP TO 3 SITE VISITS, IN ADDITION TO THE COMMISSIONING VISITS, TO EXPLAIN THE SYSTEM, ANSWER QUESTIONS FOR ALL TRADES INVOLVED WITH THE INSTALLATION OF THE DCV SYSTEM, AND ASSURE PROPER INSTALLATION AND COORDINATION. CONSULT FACTORY FOR PRICING.

SCOPE OF WORK PERFORMED BY PROJECT SUPERINTENDENT/MANAGER:

1. COORDINATE SYSTEM BALANCING WITH QUALIFIED TAB CONTRACTOR ONCE DCV CERTIFIED TECHNICIAN SETS HOOD OR HOOD AND SMARTAIR VAV DESIGN AIRFLOW RATES WHEN EQUIPPED.
2. COORDINATE ANY REQUIRED FAN AND/OR VAV ADJUSTMENTS.

SCOPE OF WORK PERFORMED BY KITCHEN EQUIPMENT CONTRACTOR (KEC):

1. INSTALL AIRVANTAGE COMMAND CENTER PER SPECIFIED DRAWING LOCATION(S) AND DCV INSTALLATION MANUAL GUIDELINES.
2. COORDINATION OF THE HIGH AND LOW VOLTAGE WIRING CONNECTIONS, VFD CABLING, ANY CONDUIT, AND CEILING OR WALL PENETRATIONS.

SCOPE OF WORK PERFORMED BY BUILDING CONTROLS CONTRACTOR, COORDINATED BY KEC:

- (IF PROJECT REQUIRES DCV SYSTEM TO CONNECT TO A BUILDING MANAGEMENT SYSTEM)
1. INSTALL LOW VOLTAGE WIRING FROM BACNET CONNECTIONS ON THE AIRVANTAGE COMMAND CENTER TO THE BMS PANEL FOR SYSTEM OPERATIONS, MOTOR SPEED DATA, AND ADDITIONAL INFORMATION.

SCOPE OF WORK PERFORMED BY ELECTRICAL CONTRACTOR, COORDINATED BY KEC:

- FOR THE WALL MOUNTED AIRVANTAGE COMMAND CENTER:
1. 120V, SINGLE-PHASE DEDICATED CIRCUIT TO AIRVANTAGE COMMAND CENTER.
 2. (1) RJ45 CABLE IN FLEX CONDUIT INTERFACING THE CONTROLLER WITH THE INDIVIDUAL HOOD SECTIONS.
 3. PROVIDE (1) OR MORE 3-PHASE SERVICE(S) FOR SUPPLY AND EXHAUST MOTORS AS DICTATED BY THE SYSTEM DESIGN.
 4. PROVIDE ALL WIRING NEEDED TO CONNECT HOOD FIRE PROTECTION SYSTEM TO AIRVANTAGE COMMAND CENTER PER WIRING SCHEMATICS.

FOR EACH GAYLORD HOOD PROVIDED WITH THE AIRVANTAGE SYSTEM:

1. (1) 120/240 VAC SINGLE-PHASE INPUT TO BE SHARED WITH THE HOOD CANOPY LIGHTING.
2. (1) RJ45 CABLE TO TRANSMIT RUNTIME DATA AND THE HOOD'S REQUIREMENT FOR AIR TO THE AIRVANTAGE COMMAND CENTER.
3. CONNECT LOW VOLTAGE WIRE BETWEEN HOOD SECTIONS PER WIRING SCHEMATICS.
4. CONNECT 120VAC SINGLE-PHASE WIRING BETWEEN HOOD SECTIONS PER WIRING SCHEMATICS.
5. PROVIDE ALL WIRING NEEDED TO CONNECT HOOD FIRE PROTECTION SYSTEM TO AIRVANTAGE COMMAND CENTER PER WIRING SCHEMATICS.

FOR EACH FAN MOTOR CONTROLLED BY THE AIRVANTAGE SYSTEM:

1. PROVIDE ALL LOW VOLTAGE MULTI-CONDUCTOR SHIELDED CABLING FROM AIRVANTAGE COMMAND CENTER TO THE ASSOCIATED VFD(S) PER WIRING SCHEMATICS.
2. PROVIDE ALL 3-PHASE WIRING TO VFD PER LOCAL AHJ AND CODE REQUIREMENTS AND MANUFACTURERS INSTRUCTIONS.
3. UPON COMPLETION OF WIRING THE DCV-AV SYSTEM, THE ELECTRICIAN MUST VERIFY PROPER FAN ROTATION OF EACH FAN MOTOR WITH THE VFD DRIVE ON AND OPERATING TO ENSURE PROPER FAN ROTATION.

SYSTEM VALUE SIGN-OFF

THE AIRVANTAGE SYSTEM MODULATES THE AIRFLOW THROUGH THE HOOD BASED ON THE COOKING DEMAND THROUGHOUT THE DAY. BY VARYING THE AIRFLOW ENERGY IS SAVED AND KITCHEN COMFORT IS IMPROVED. VARYING THE EXHAUST REQUIRES AN EXHAUST FAN POWERED BY A 3-PHASE INVERTER-DUTY MOTOR AND A VARIABLE FREQUENCY DRIVE (VFD). THE VFD VARIES THE SPEED OF THE MOTOR.

_____ I AFFIRM THAT 3-PHASE INVERTER-DUTY MOTORS HAVE BEEN OR WILL BE PROVIDED ON ALL EXHAUST FANS CONNECTED TO THE AIRVANTAGE SYSTEM. EACH VFD IS SIZED SPECIFICALLY TO THE VOLTAGE AND HORSEPOWER OF THE FAN MOTOR.

_____ I AFFIRM THE VFDS DEPICTED ON THE FOLLOWING SHEETS HAVE THE CORRECT VOLTAGE AND HORSEPOWER FOR EACH FAN MOTOR.

AS THE EXHAUST AIRFLOW VARIES, SO ALSO MUST THE REPLACEMENT AIRFLOW VARY. THERE ARE MULTIPLE METHODS TO DELIVER REPLACEMENT AIR. REGARDLESS OF THE METHOD OF MAKEUP AIR DELIVERY, THE SYSTEM MUST BE CAPABLE OF MODULATING REPLACEMENT AIR TO MAINTAIN AIR BALANCE IN THE SPACE. OFTEN THE ABILITY TO REDUCE THE REPLACEMENT AIR LIMITS THE TURNDOWN ON THE EXHAUST.

_____ I AFFIRM THAT THE REPLACEMENT AIR SYSTEM IS CAPABLE OF VARYING AIRFLOW IN RESPONSE TO VARIATIONS IN EXHAUST AIRFLOW. I ALSO ACKNOWLEDGE THAT ANY LIMITATIONS IN THE ABILITY OF THE REPLACEMENT AIR TO VARY CAN AFFECT THE AMOUNT THAT THE EXHAUST CAN TURN DOWN AND MAY ALSO IMPACT THE PERFORMANCE OF THE HOODS.

DATE: _____

SIGNED: _____

PRINTED NAME: _____

TITLE: _____

COMPANY: _____

FAILURE TO SIGN OFF MAY RESULT IN DELAY OF THE PROJECT

VOL. II SAVANNAH ARTS ACADEMY ADDITION
 500 WASHINGTON AVENUE
 SAVANNAH, GEORGIA 31405
 SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

Cogdell Mendrala Architects
 COGDELL & MENDRALA ARCHITECTS, PC
 517 EAST CONGRESS STREET
 SAVANNAH, GEORGIA 31401
 tel 912.234.6318
 fax 912.236.8414
 cogdellmendrala.com

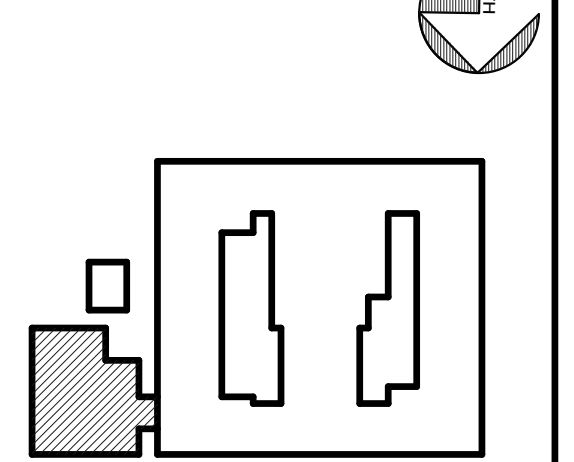
SEAL:

PROJECT CONSULTANTS:
 CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
 40 JOE KENNEDY BLVD.
 STATESBORO, GA 30458

STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
 400 E. JOHNNY MERCER BOULEVARD
 SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
 7402 HODGSON MEMORIAL DRIVE,
 SUITE 100
 SAVANNAH, GA 31406

KEY PLAN:

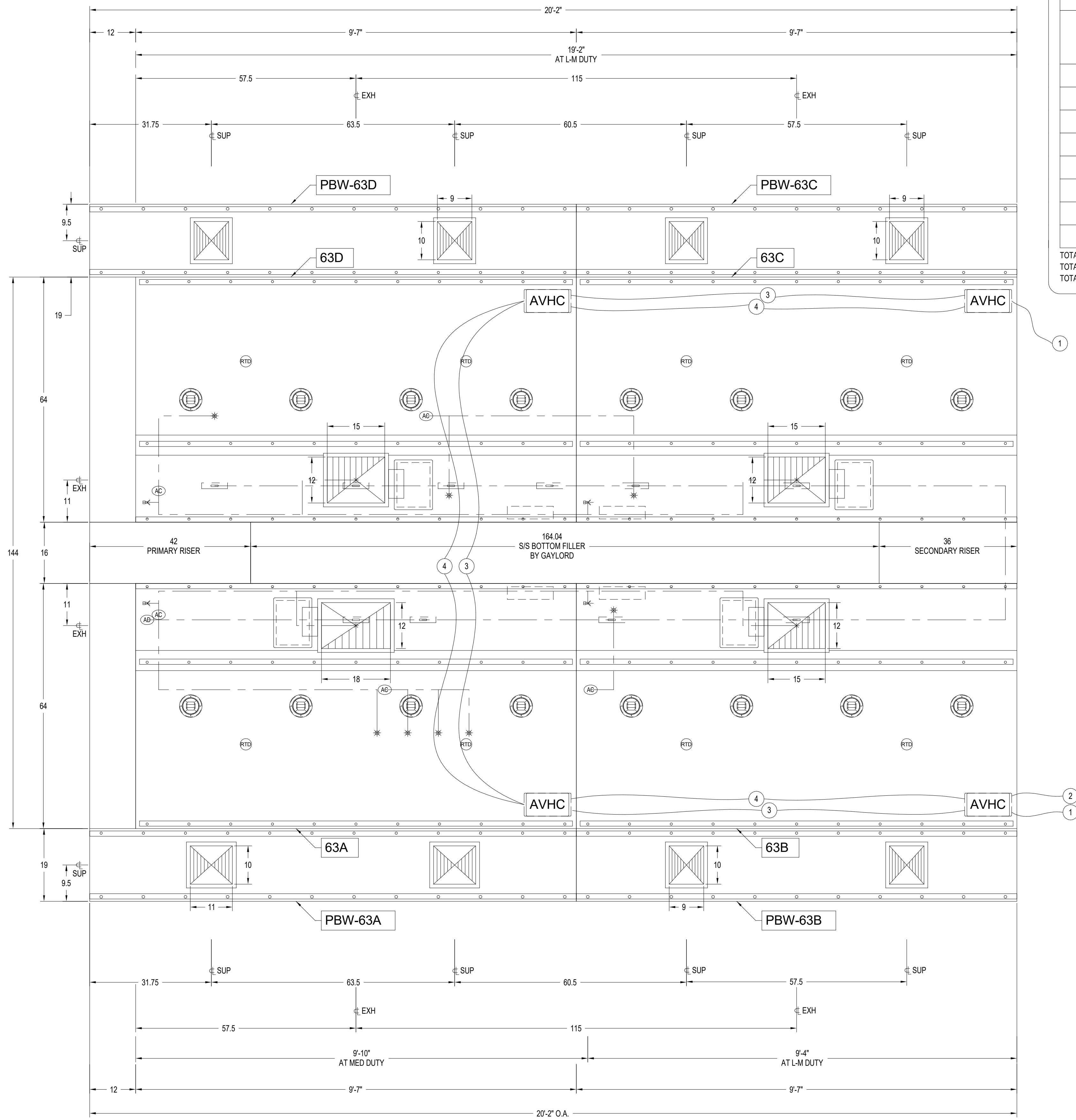


SHEET TITLE:
FOODSERVICE EXHAUST HOOD DETAILS

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: Author
SCALE: 1/2" = 1'-0"
SHEET: **K502**





PLAN VIEW

1 Hood Detail 3
K503 NOT TO SCALE

HOOD INFORMATION

ITEM NO.	MODEL	MAXIMUM SIZE			AIR FLOW REQUIREMENTS					APPROX. WEIGHT (LBS)		
		L (in)	D (in)	H (in)	S.P. TEST PORT (W.G.)	DUCT TYPE	DUCT QTY	DUCT S.P. (W.G.)	CFM (EACH)		SIZE L (in) D (in)	
63A	ELX	127	64	38	0.42	EXH	1	0.82	2214	18	12	1410
63B	ELX	115	64	38	0.3	EXH	1	0.82	1803	15	12	1310
63C	ELX	115	64	38	0.3	EXH	1	0.82	1792	15	12	799
63D	ELX	127	64	38	0.3	EXH	1	0.82	1792	15	12	899
PBW-63A	PBW	127	19	10.5		SUP	2	0.10	664	11	10	159
PBW-63B	PBW	115	19	10.5		SUP	2	0.10	541	9	10	144
PBW-63C	PBW	115	19	10.5		SUP	2	0.10	538	9	10	144
PBW-63D	PBW	127	19	10.5		SUP	2	0.10	538	9	10	159
TOTAL HOOD S.P.:		0.82										
TOTAL EXHAUST:		7801										
TOTAL SUPPLY:		4560										
APPROX. TOTAL WEIGHT: 5022												

VENTILATOR NOTES (NON-WATER WASH)

A/VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT AND LOCATION IN RELATION TO VENTILATOR PRIOR TO FABRICATION.
B/FRONT AND REAR MOUNTING BRACKETS HAVE .0625" HOLES. BRACKETS TO BE SUPPORTED WITHIN 12" OF EACH END OF EACH SECTION, WITH A MAXIMUM SPAN OF 72" BETWEEN SUPPORTS.
C/INTERIOR MOUNTING BRACKET(S) TO BE SUPPORTED WITHIN 36" OF EACH END OF EACH SECTION, WITH A MAXIMUM SPAN OF 72" BETWEEN SUPPORTS.

PBW PLENUM FEATURES

*REMOVABLE S/S PERFORATED PANEL(S)
*ALL EXPOSED SURFACES ARE STAINLESS STEEL

LIGHTING NOTE

THIS LIGHTING IN THIS VENTILATOR IS DESIGNED TO PROVIDE 50 FOOT CANDLES OF LIGHT AT THE COOKING SURFACE. IF 50 FOOT CANDLES OF LIGHTING IS PROVIDED IN THE SURROUNDING SPACE.

ELECTRICAL NOTES (DCV-AV)

- 1 (1) CAT 5 CABLE, FOR CONTROL(S), IN FLEXIBLE CONDUIT, EXTENDING 6' BEYOND END OF VENTILATOR BY GAYLORD. WIRED TO DCV CONTROL CABINET OR NEXT HOOD (IF APPLICABLE) BY ELECTRICAL CONTRACTOR.
- 2 (2) WIRES AND GROUND, FOR CONTROL(S) AND LIGHT(S), IN FLEXIBLE CONDUIT, EXTENDING 6' BEYOND END OF VENTILATOR BY GAYLORD. WIRED TO SUPPLY VOLTAGE BY ELECTRICAL CONTRACTOR.
- 3 (1) CAT 5 CABLE, FOR CONTROLS, IN FLEXIBLE CONDUIT FOR INTERCONNECTING SECTIONS. DISCONNECTED FOR SHIPPING. JOB SITE RECONNECTION BY ELECTRICAL CONTRACTOR.
- 4 (2) WIRES AND GROUND, FOR CONTROLS AND LIGHT(S), IN FLEXIBLE CONDUIT FOR INTERCONNECTING VENTILATOR SECTIONS BY GAYLORD. DISCONNECTED FOR SHIPPING. JOB SITE RECONNECTION BY ELECTRICAL CONTRACTOR.

FIRE PROTECTION SYSTEM NOTES ANSUL R-102-ASEFC

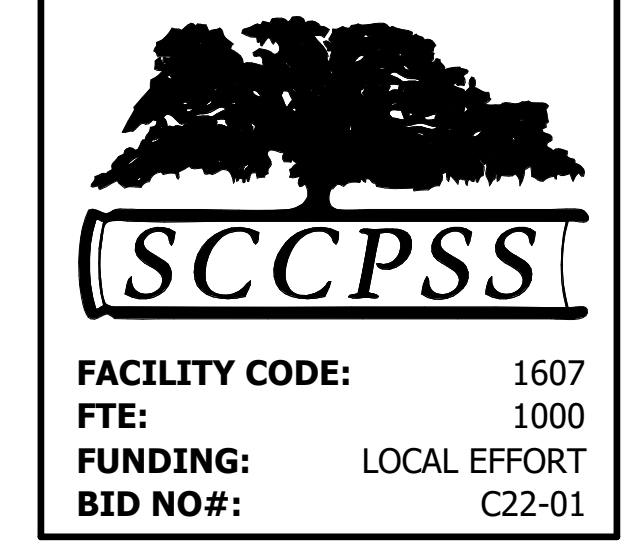
FP-1/LOCATION OF FIRE PROTECTION NOZZLES MUST BE VERIFIED IN RELATION TO THE COOKING EQUIPMENT, PRIOR TO VENTILATOR FABRICATION.
COMPLETE SYSTEM INCLUDING APPLIANCE DROPS, SURFACE MOUNTED DETECTOR BRACKETS, AND A STAINLESS STEEL CABINET ON THE END OF THE HOOD BY GAYLORD, WITH FIELD INSTALLATION BY GAYLORD.
ANSUL FIRE SYSTEM FACTORY INSTALLED IN A STAINLESS STEEL CABINET ON THE END OF THE HOOD, PRE-PIPED CHEMICAL LINES INCLUDING DUCT, PLENUM AND APPLIANCE DROPS WITH ALL NOZZLES INSTALLED PER COOKING EQUIPMENT ARRANGEMENT ON GAYLORD APPROVED DRAWINGS. ALL EXPOSED PIPING CHROME PLATED OR CHROME SLEEVED. INCLUDES FACTORY PRE-PIPED DETECTION LINES WITH SURFACE MOUNTED DETECTOR BRACKETS. CHEMICAL AND DETECTION LINES INTERCONNECTED TO TANK(S). INSTALLATION BY CERTIFIED FACTORY INSTALLERS.

- INCLUDES:
 - * TANK(S) AND RELEASE ASSEMBLY(S)
 - * CHEMICAL
 - * DETECTOR CABLE
 - * FUSIBLE LINKS WITH LINKAGE
 - * EXPELLANT GAS CARTRIDGE(S) (PROVIDED BY FIRE PROTECTION INSTALLER)
 - * (1) REMOTE MANUAL PULL STATION
 - * (1) GAS VALVE REQUIRED - REVIEW GAYLORD QUOTE TO DETERMINE IF PROVIDED BY GAYLORD.
 - * (1) MANUAL RESET RELAY PER FIRE SYSTEM, IF REQUIRED
 - * PLANS AND PERMITS (ON JOBS INSIDE OF THE UNITED STATES AND ON MARINE JOBS)
 - * PARTS AND INSTALLATION OF CHEMICAL AND DETECTION LINES FROM TANK(S) TO CONNECTION POINTS ON HOOD
 - * INSTALLATION OF TANKS AND RELATED COMPONENTS
 - * INSTALLATION OF DETECTOR CABLE AND FUSIBLE LINKS
 - * INSTALLATION OF REMOTE MANUAL PULL STATION
 - * JOB SITE REPOSITIONING OF NOZZLES AS PER GAYLORD APPROVED DRAWINGS, IF REQUIRED TO MEET SYSTEM DESIGN REQUIREMENTS
 - * TRIP TEST AND CERTIFICATION (ON JOBS INSIDE OF THE UNITED STATES AND NON-MARINE JOBS)

FIRE PROTECTION INLET NOTES

A/D IS THE ANSUL FUSE LINK DETECTOR CABLE INLET.
B/C IS THE ANSUL CHEMICAL TANK INLET.
* SEE ANSUL TANK DIAGRAM FOR DETAILS *

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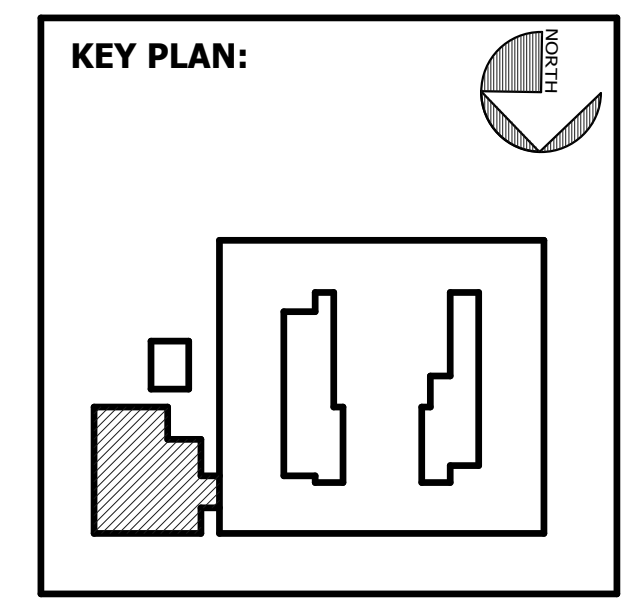
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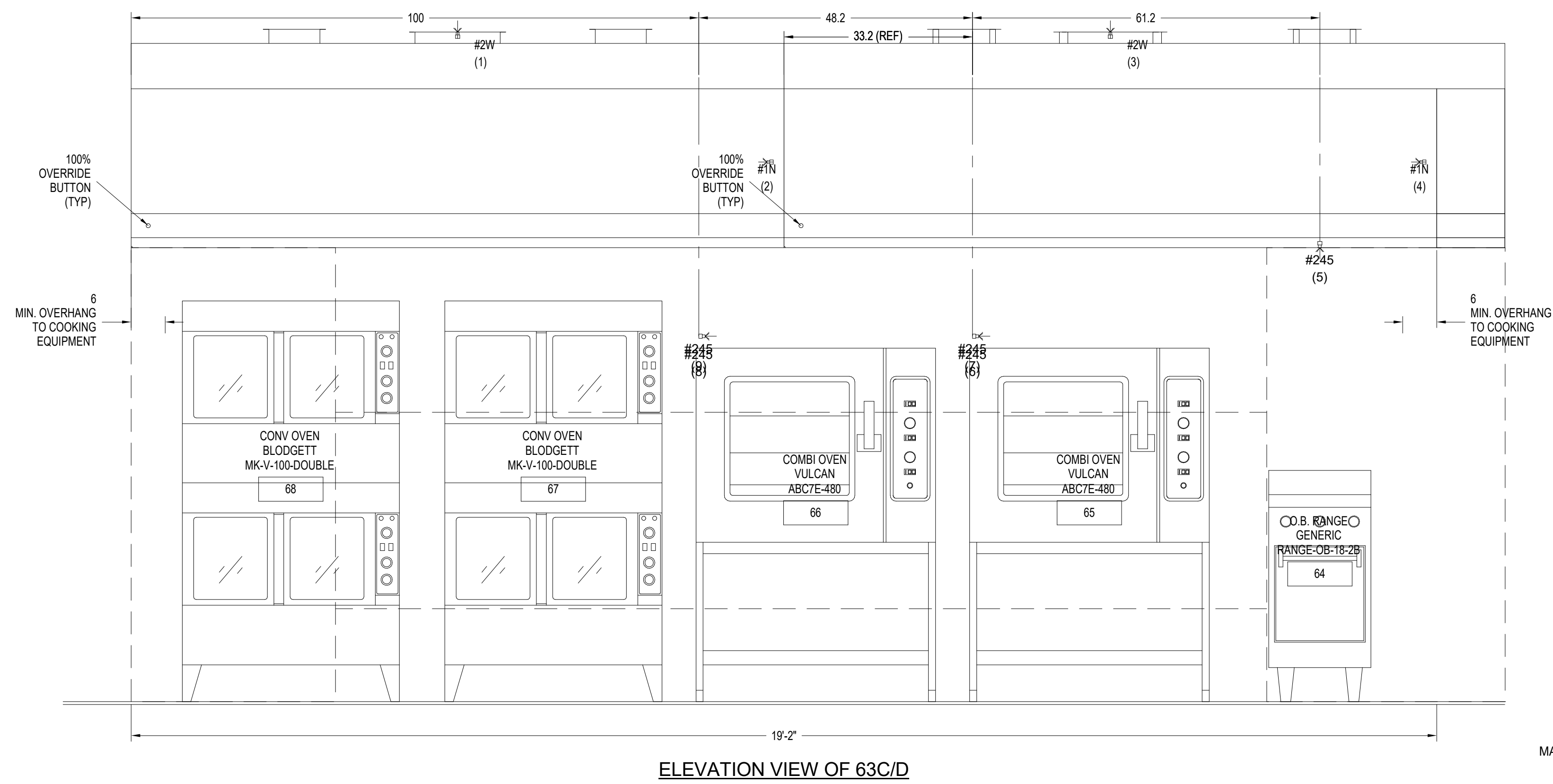


SHEET TITLE:
FOODSERVICE EXHAUST HOOD DETAILS

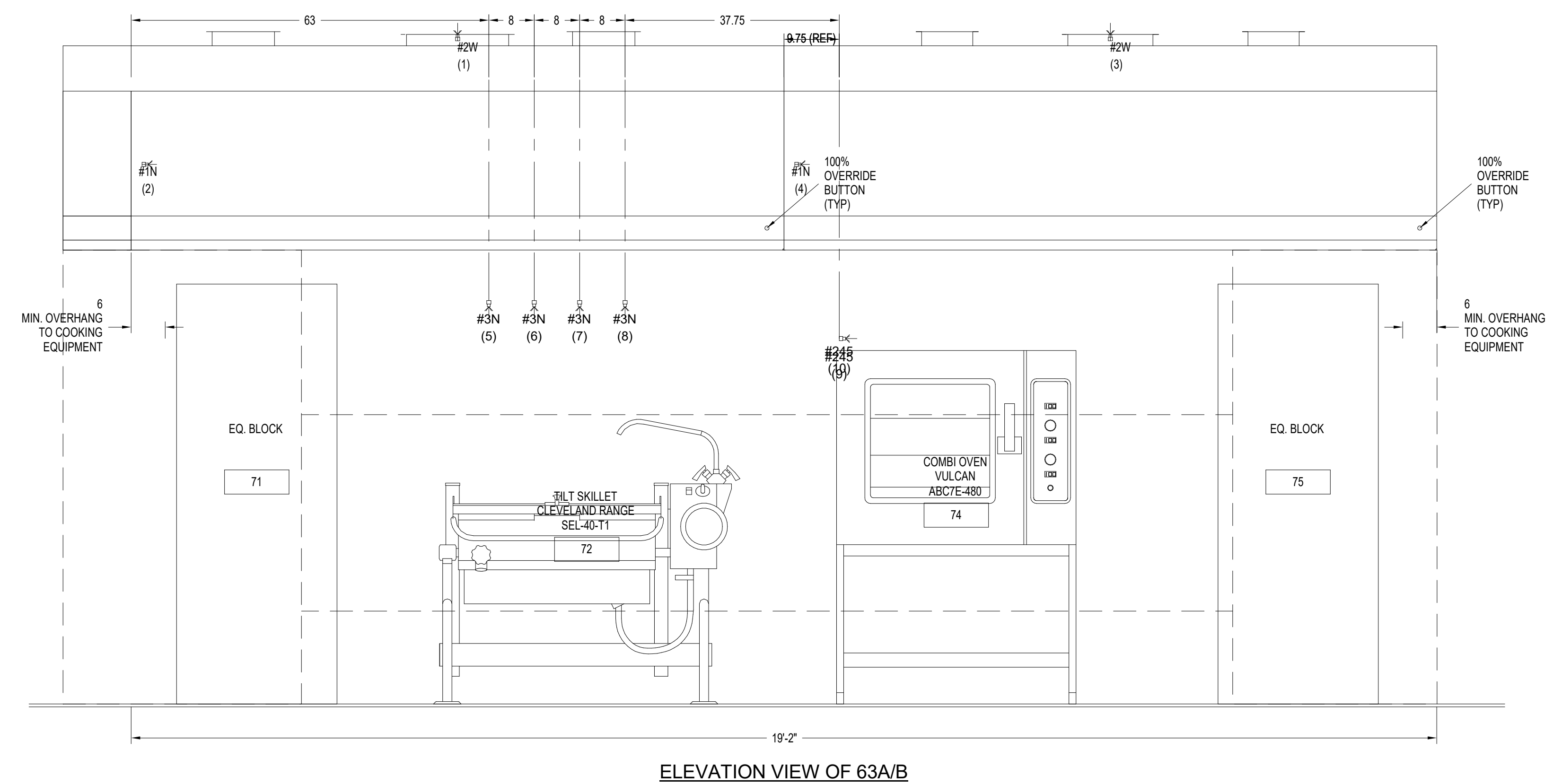
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DATE	DESCRIPTION

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SHEET: **K503**





WARNING: ANY CHANGES IN THE HOOD DESIGN OR MAKES/MODELS OF COOKING EQUIPMENT MAY AFFECT THE SIZE OF AND/OR REQUIRED AIRFLOWS FOR THE HOOD.
NOTE: COOKING EQUIPMENT MODEL, MANUFACTURER & LOCATION MUST BE VERIFIED FOR FIRE PROTECTION PRIOR TO FABRICATION.



1 Hood Detail 4
K504 NOT TO SCALE

VENTILATOR NOTES (NON-WATER WASH)

VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT AND LOCATION IN RELATION TO VENTILATOR PRIOR TO FABRICATION.

FRONT AND REAR MOUNTING BRACKETS HAVE 1/8" HOLES. BRACKETS TO BE SUPPORTED WITHIN 12" OF EACH END OF EACH SECTION, WITH A MAXIMUM SPAN OF 72" BETWEEN SUPPORTS.

INTERIOR MOUNTING BRACKET(S) TO BE SUPPORTED WITHIN 36" OF EACH END OF EACH SECTION, WITH A MAXIMUM SPAN OF 72" BETWEEN SUPPORTS.

PBW PLENUM FEATURES

*REMOVABLE S/S PERFORATED PANEL(S)
*ALL EXPOSED SURFACES ARE STAINLESS STEEL

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FIRE PROTECTION SYSTEM NOTES
ANSUL R-102-ASEFC

FP-1) LOCATION OF FIRE PROTECTION NOZZLES MUST BE VERIFIED IN RELATION TO THE COOKING EQUIPMENT, PRIOR TO VENTILATOR FABRICATION.

COMPLETE SYSTEM INCLUDING APPLIANCE DROPS, SURFACE MOUNTED DETECTION BRACKETS, AND A STAINLESS STEEL CABINET ON THE END OF THE HOOD BY GAYLORD, WITH FIELD INSTALLATION BY GAYLORD.

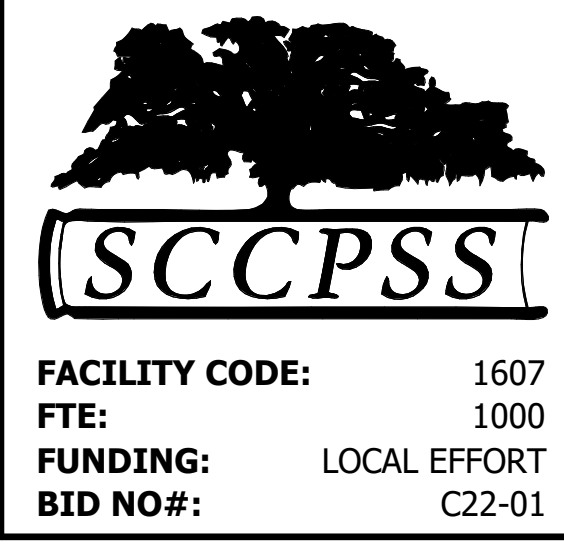
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INCLUDES:

- * TANK(S) AND RELEASE ASSEMBLY(S)
- * CHEMICAL
- * DETECTOR CABLE
- * FUSIBLE LINKS WITH LINKAGE
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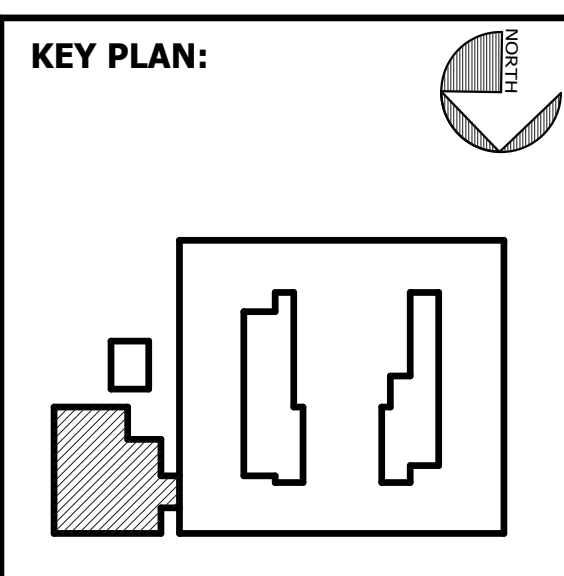
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SHEET TITLE:
FOODSERVICE EXHAUST HOOD DETAILS

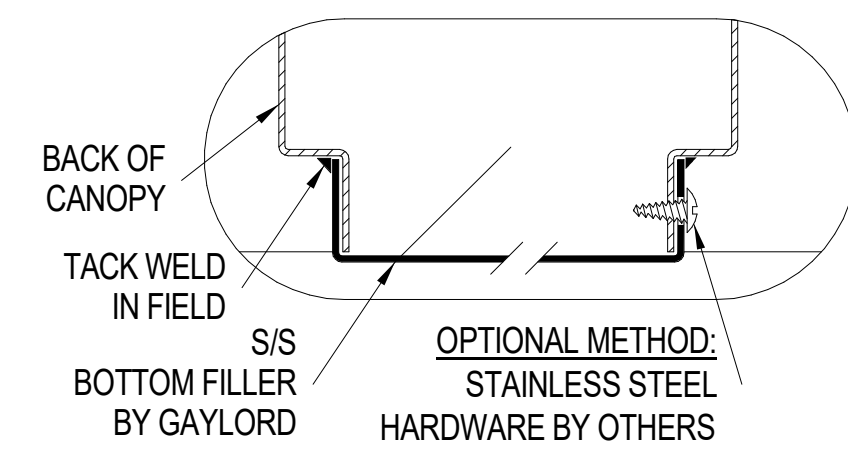
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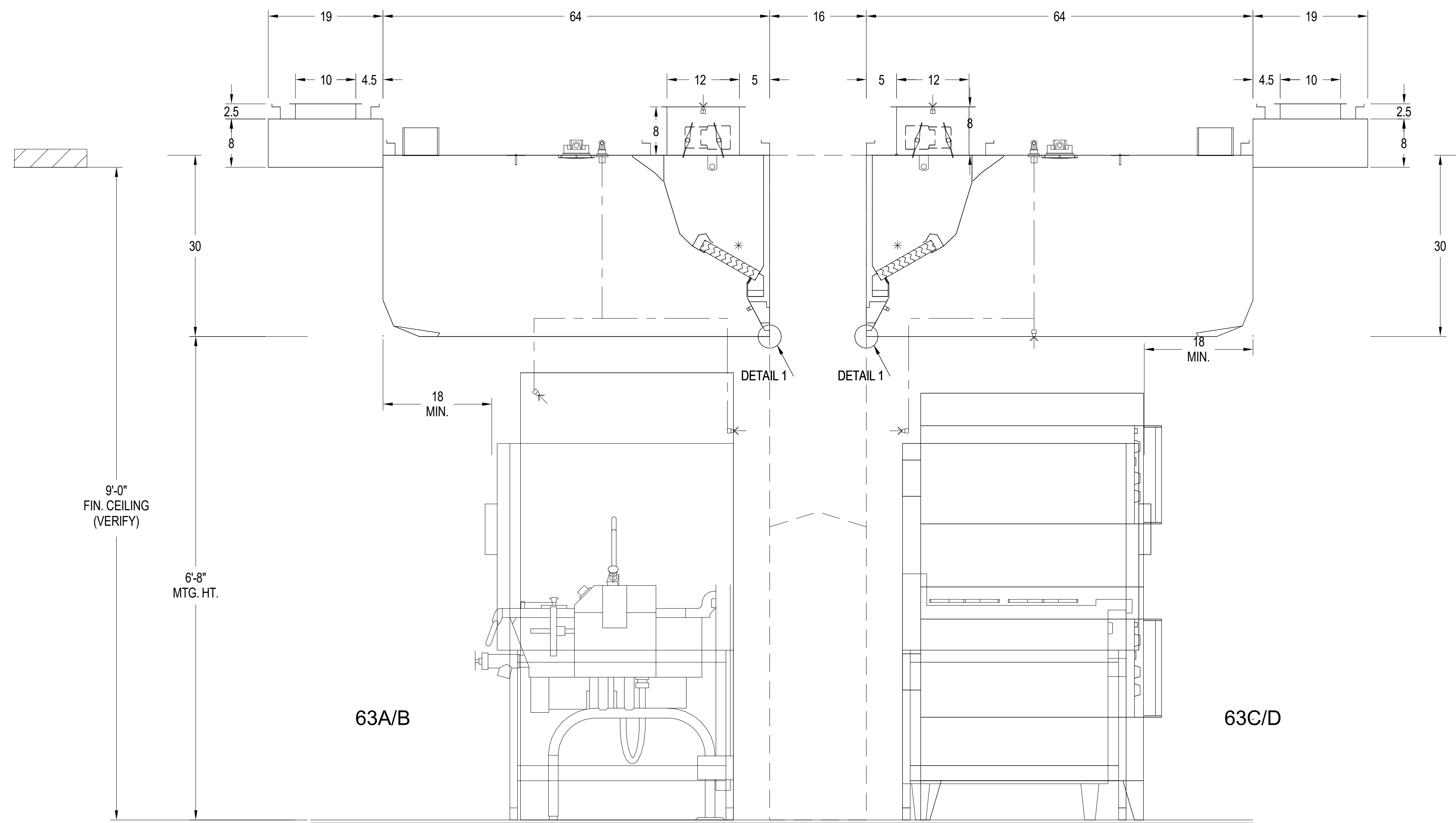


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DETAIL 1
S/S BOTTOM FILLER BY GAYLORD
INSTALLED BY OTHERS



SECTION VIEW

1 Hood Detail 5
K505 NOT TO SCALE

**VENTILATOR NOTES
(NON-WATER WASH)**

- A) VERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT AND LOCATION IN RELATION TO VENTILATOR PRIOR TO FABRICATION.
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ANSUL R-102-ASEFC**

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SCCPSS

FACILITY CODE: 1607
FTE: 1000
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BID NO#: C22-01

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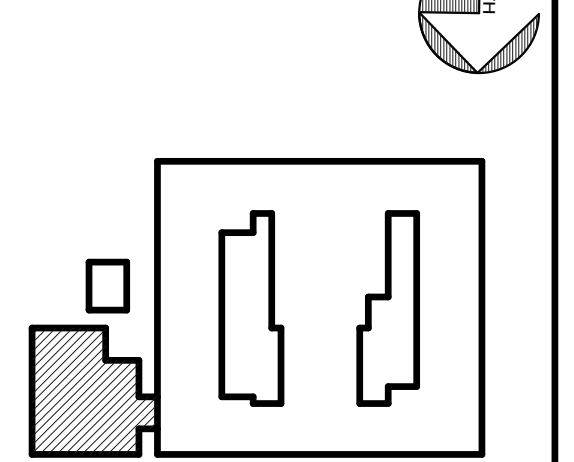
PROJECT CONSULTANTS:

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SUITE 100
SAVANNAH, GA 31406

KEY PLAN:



SHEET TITLE:
**FOODSERVICE
EXHAUST
HOOD DETAILS**

REVISION SCHEDULE	
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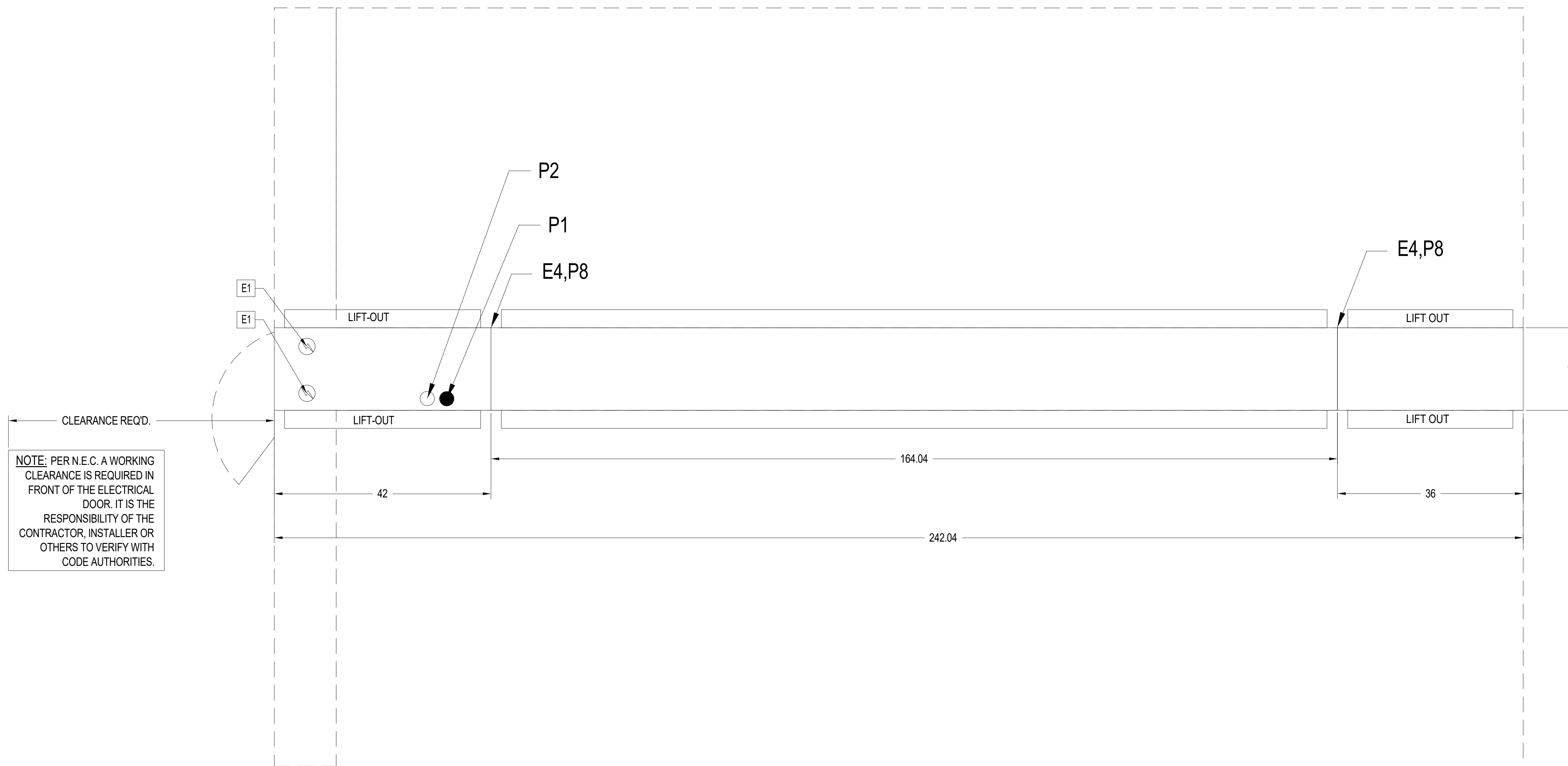
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PLAN VIEW

WIRING DATA FOR UDS AND VENTILATOR

- E1- (5 WIRE) 120/208 WYE/3PH 150 AMP MAIN SERVICE TO PRIMARY RISER BY ELECTRICAL CONTRACTOR.
(4 WIRE) 480 VOLT DELTA/EPH 225 AMP MAIN SERVICE TO PRIMARY RISER BY ELECTRICAL CONTRACTOR.
- E2- (3) WIRES AND GROUND, FOR DCA CONTROL, IN FLEXIBLE CONDUIT, BY GAYLORD. DISCONNECTED FOR SHIPPING. WIRED TO DISTRIBUTION BLOCK (DBF) IN UDS RISER BY ELECTRICAL CONTRACTOR.
- E3- (3 WIRE) 120/60/1 FROM FIRE SUPPRESSION SYSTEM MICROSWITCH TO TERMINAL BLOCK IN UDS FOR POWER SHUTDOWN (FIELD WIRED BY ELECTRICAL CONTRACTOR)
- E4- CONNECT ALL WIRES AT UDS FIELD JOINTS. TERMINAL BLOCKS ARE MARKED FOR APPROPRIATE CONNECTIONS (see Mechanical Plans for Field Joint Locations).
- E5- (3 WIRES) 120V/1 PH, CONNECT CONDUIT FROM UDS MTD. HOOD TO DISTRIBUTION BLOCK DBF, IN UDS RISER CONDUIT PROVIDED BY GAYLORD. (see UDS Wiring Diagram/HOOD LIGHTS).
- E6- CONNECT ELECTRICAL CORDS AND CONDUIT FROM THE DISTRIBUTOR RACEWAY TO COOKING EQUIPMENT. CORDS AND CONDUIT BY GAYLORD AND/OR OTHERS. CONNECTED IN FIELD BY OTHERS AS REQUIRED.

1 Hood Detail 6
K506 NOT TO SCALE

PLUMBING DATA FOR UDS AND VENTILATOR

- P1- 1" HOT WATER FROM ABOVE
- P2- 1" COLD WATER FROM ABOVE
- P3- N/A
- P6- N/A
- P7- N/A
- P8- CONNECT ALL PIPING AT UDS FIELD JOINTS. UNIONS ARE PROVIDED BY GAYLORD (see Mechanical Plans for Field Joint Locations).

THE FOLLOWING MUST BE VERIFIED BEFORE THIS UDS CAN BE RELEASED INTO PRODUCTION THE RESPONSIBLE PARTY MUST VERIFY FROM WHICH DIRECTION THE UTILITIES ARE TO ENTER THE UDS RISERS. CHECK THE APPROPRIATE BOXES BELOW.

- ELECTRICAL SERVICE FROM: CEILING, FLOOR, WALL
- PLUMBING SERVICE FROM: CEILING, FLOOR, WALL

** GAS MANIFOLD DESIGN CRITERIA **
INTERNATIONAL FUEL GAS CODE (IFGC) 2009
OR NATIONAL FUEL GAS CODE (NFPA-54) 2009

12.1.1 - LONGEST LENGTH METHOD
TABLE 12.6 SCHEDULE 40 METALLIC PIPE

GAS MANIFOLD CAPACITY IS AT 0.5 Psig OR LESS
UDS MANIFOLD, VALVES, AND FLEX HOSE PRESSURE DROP IS EQUAL TO OR LESS THAN 2.0" W.C. MAX.
GAS = 1000 BTU/FT³
GAS = 0.60 SPECIFIC GRAVITY

** GAS PIPE LENGTH MUST BE VERIFIED **
GAS PIPE LENGTH FROM THE BUILDING POINT OF DELIVERY TO THE UDS MAIN CONNECTION MUST BE VERIFIED PRIOR TO FABRICATION

CURRENT DESIGN INCLUDES:
*** FT OF BUILDING PIPE TO UDS BY OTHERS
20'-2" FT OF UDS PIPE BY GAYLORD
*** FT TOTAL

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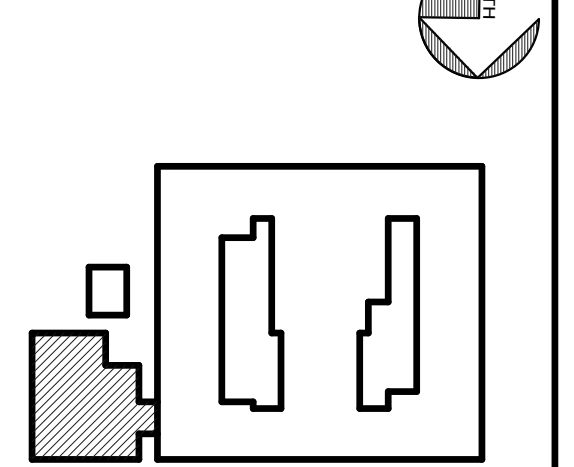
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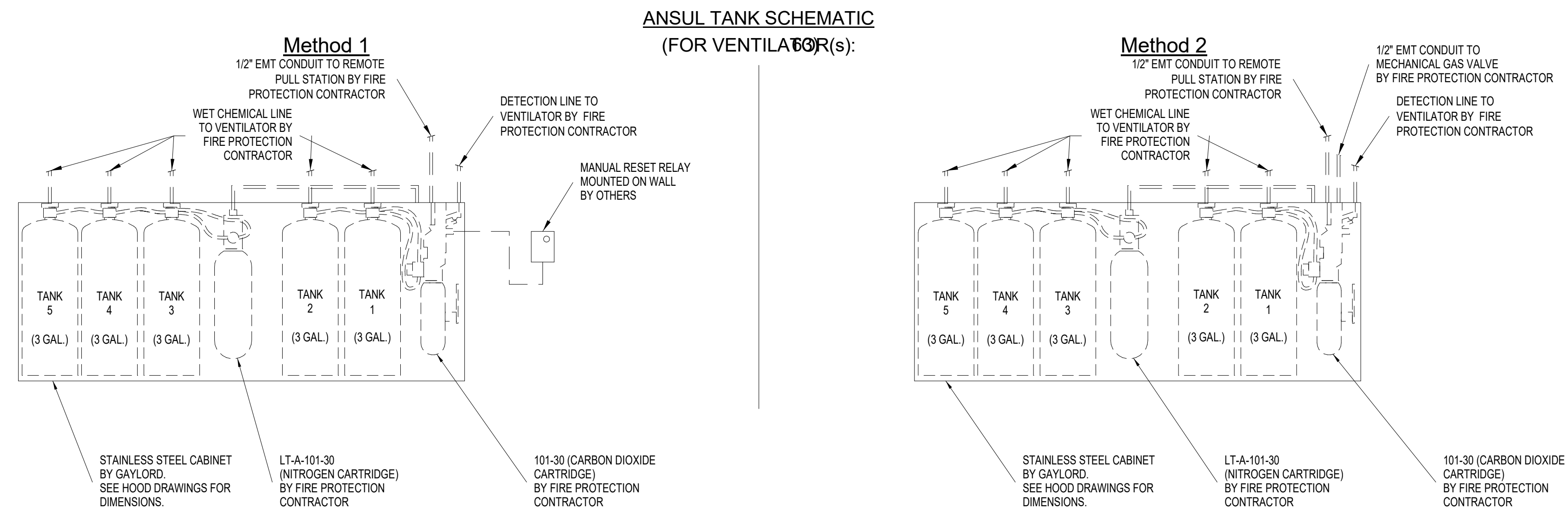
SHEET: **K506**



FOODSERVICE DESIGNERS AND CONSULTANTS

FIRE PROTECTION INFORMATION				
HOOD ITEM #	NOZZLE #	NOZZLE TYPE	NOZZLE FLOW POINTS	TANK #
63 AB	1	#2W	2	1
63 AB	2	#1N	1	1
63 AB	3	#2W	2	1
63 AB	4	#1N	1	1
63 AB	5	#3N	3	1
63 AB	6	#3N	3	2
63 AB	7	#3N	3	2
63 AB	8	#3N	3	2
63 AB	9	#245	2	3
63 AB	10	#245	2	3
63 CD	1	#2W	2	4
63 CD	2	#1N	1	4
63 CD	3	#2W	2	4
63 CD	4	#1N	1	4
63 CD	5	#245	2	4
63 CD	6	#245	2	5
63 CD	7	#245	2	5
63 CD	8	#245	2	5
63 CD	9	#245	2	5

1 Hood Detail 7
K507 NOT TO SCALE



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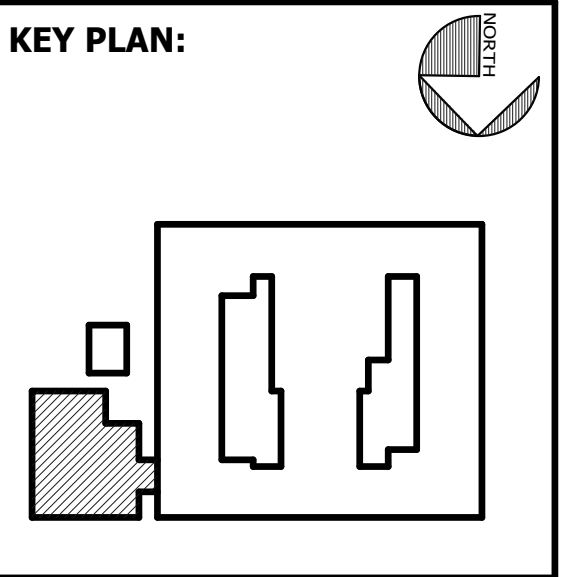


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SUITE 100
SAVANNAH, GA 31406



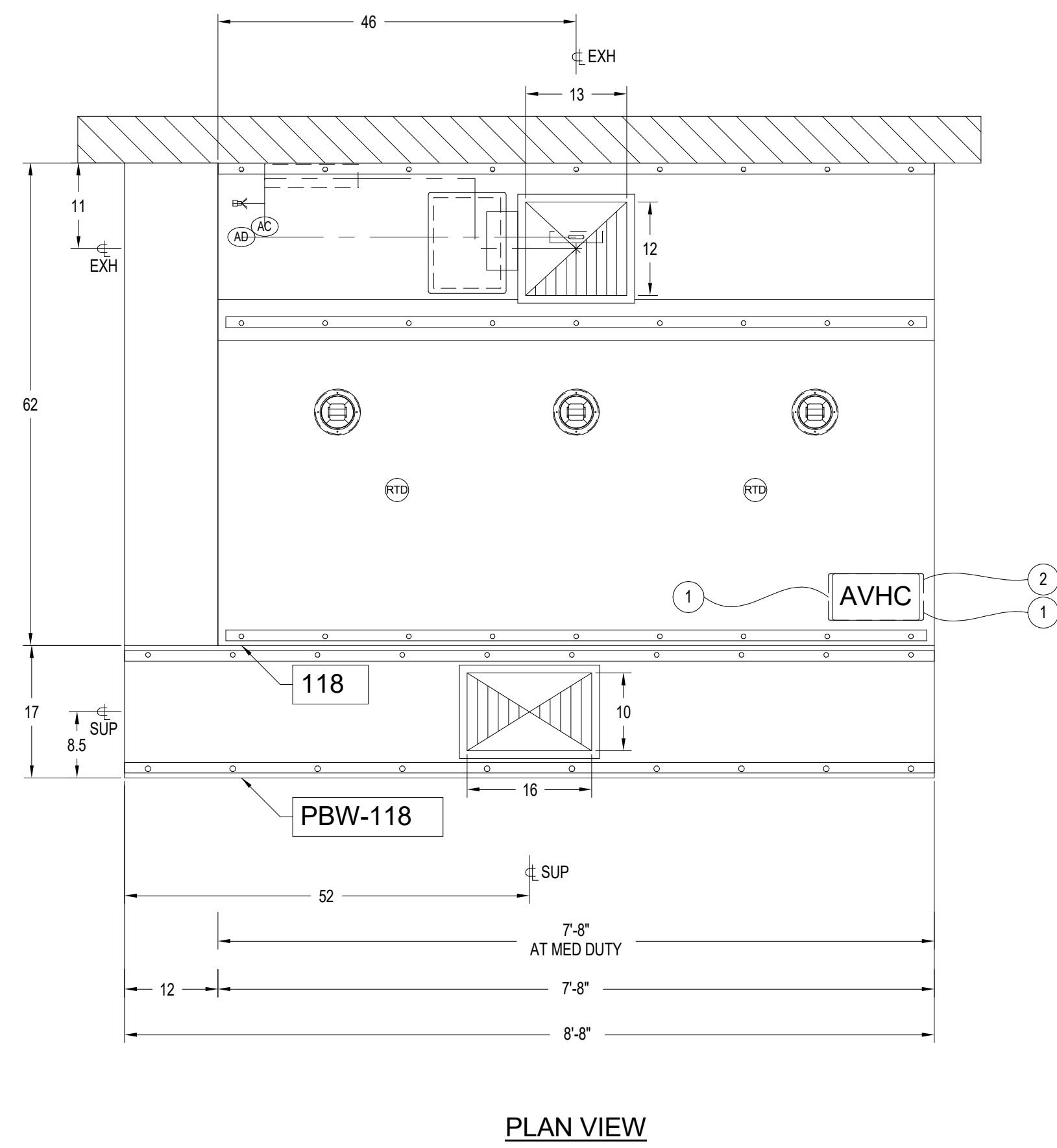
SHEET TITLE:
FOODSERVICE EXHAUST HOOD DETAILS

REVISION SCHEDULE	
DATE	DESCRIPTION

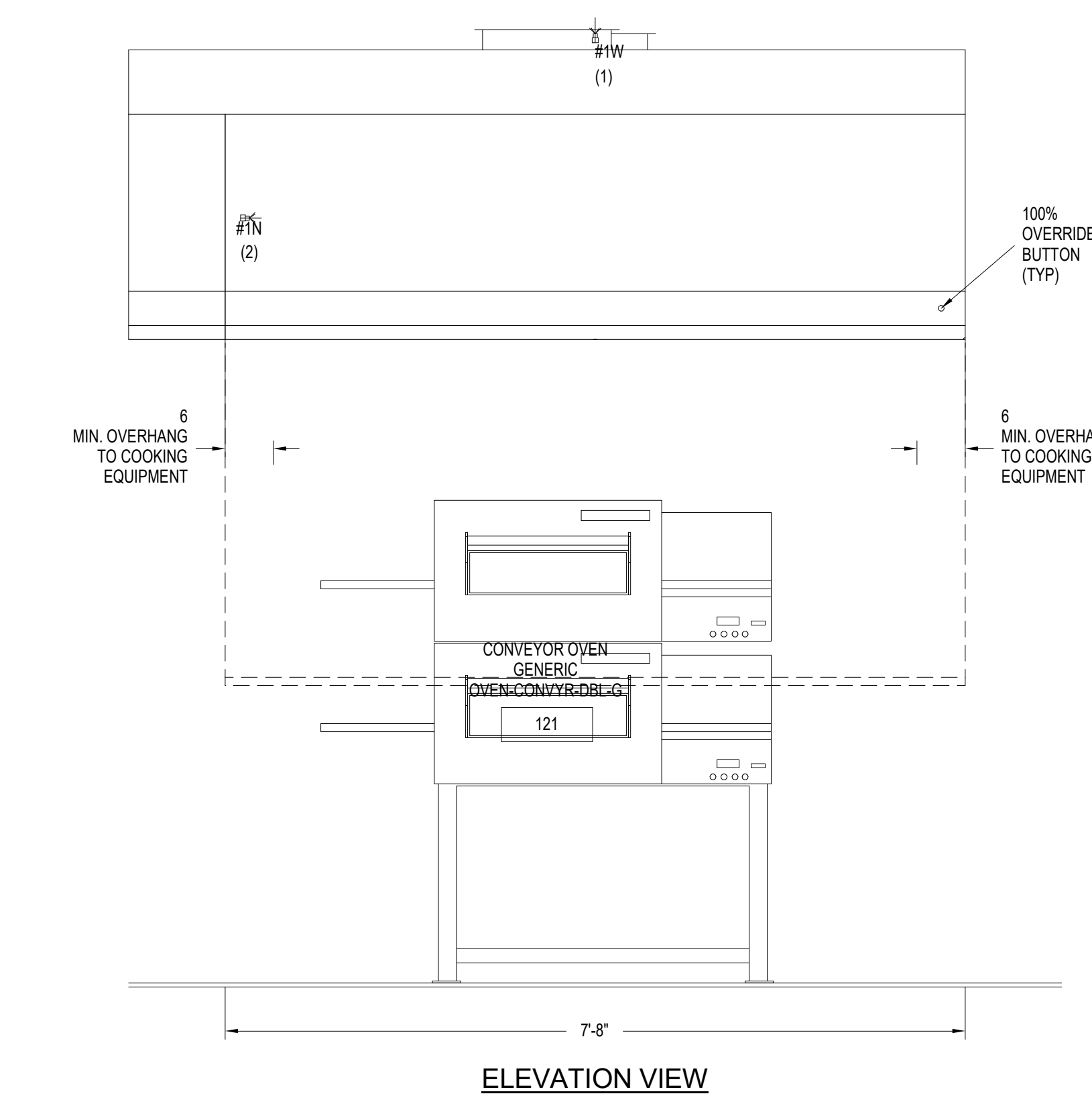
PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: Author
SCALE: 1" = 1'-0"

SHEET: K507



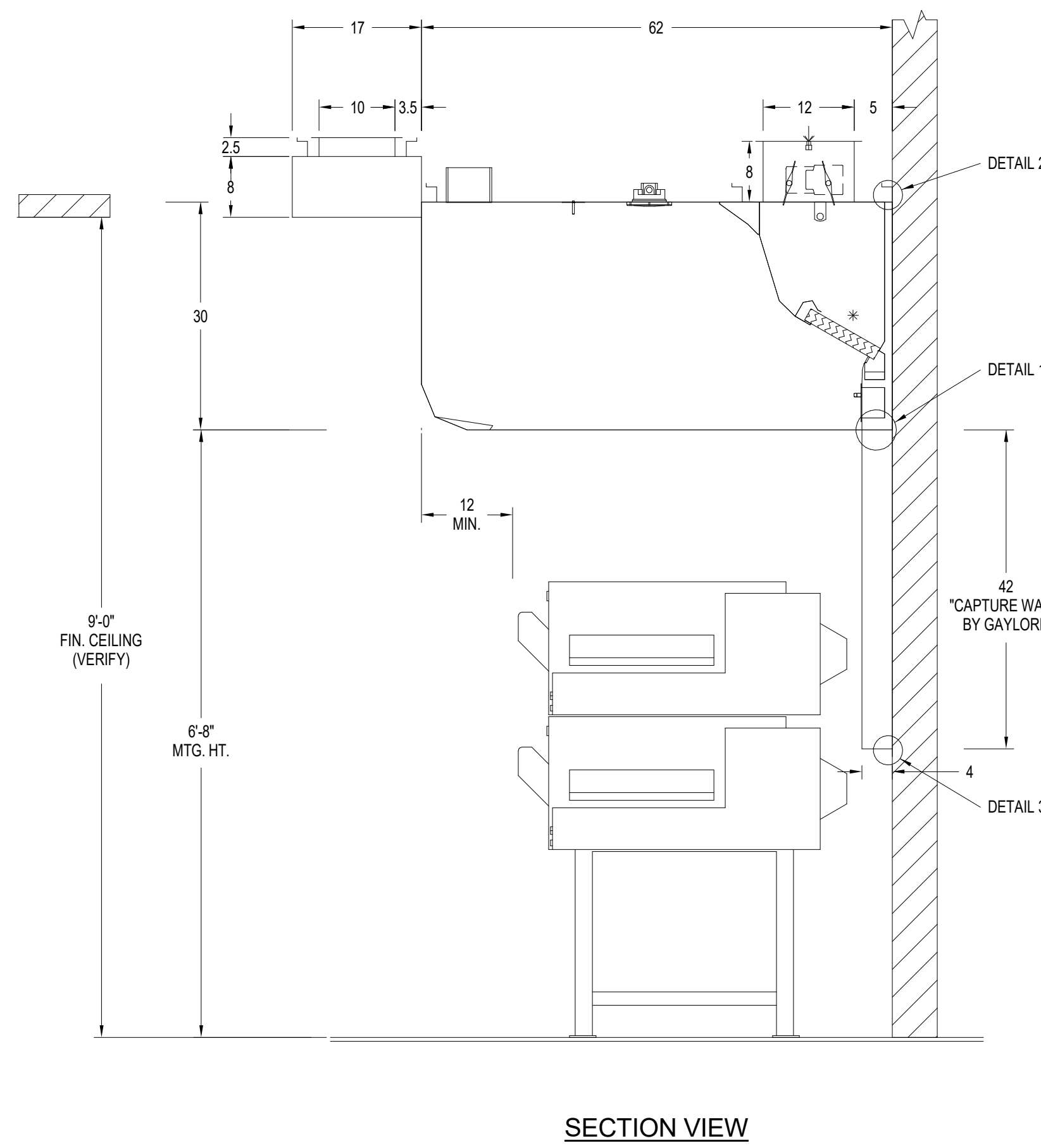
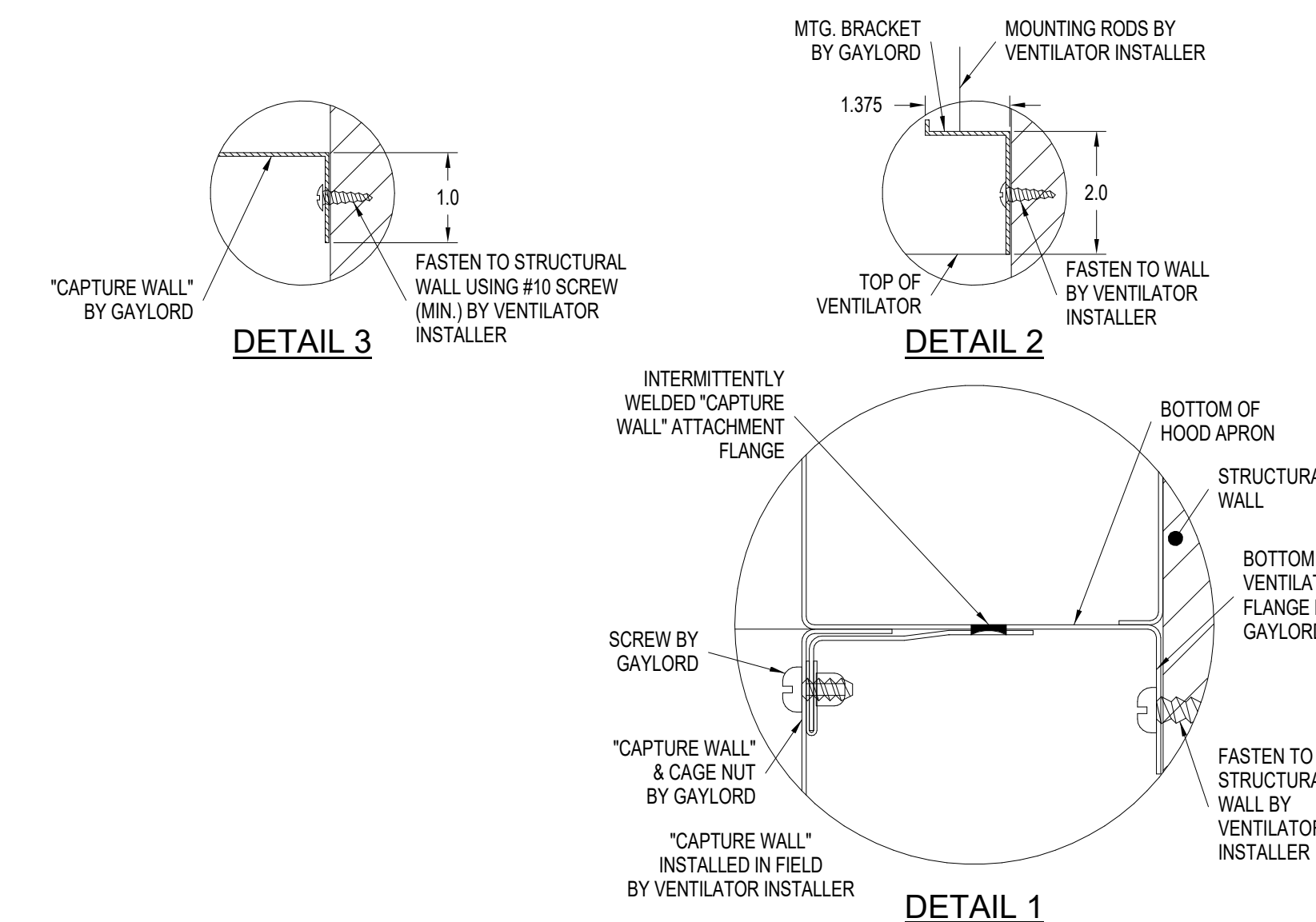


WARNING: ANY CHANGES IN THE HOOD DESIGN OR MAKES/MODELS OF COOKING EQUIPMENT MAY AFFECT THE SIZE OF AND/OR REQUIRED AIRFLOWS FOR THE HOOD.
NOTE: COOKING EQUIPMENT MODEL, MANUFACTURER & LOCATION MUST BE VERIFIED FOR FIRE PROTECTION PRIOR TO FABRICATION.



1 Hood Detail 8
K508 NOT TO SCALE

HOOD INFORMATION												
ITEM NO.	MODEL	MAXIMUM SIZE			AIR FLOW REQUIREMENTS						APPROX. WEIGHT (LBS)	
		L (in)	D (in)	H (in)	S.P. TEST PORT (TW.G.)	DUCT TYPE	QTY	DUCT S.P. (TW.G.)	CFM (EACH)	SIZE		
118	ELX	104	62	38	0.46	EXH	1	0.81	1610	13	12	727
PBW-118	PBW	104	17	10.5		SUP	1	0.10	966	16	10	130
TOTAL HOOD S.P.:					0.81							
TOTAL EXHAUST:					1610							
TOTAL SUPPLY:					966						APPROX. TOTAL WEIGHT: 1011	



VENTILATOR NOTES (NON-WATER WASH)

AVERIFY ALL MAKES AND MODELS OF COOKING EQUIPMENT AND LOCATION IN RELATION TO VENTILATOR PRIOR TO FABRICATION.

BF FRONT AND REAR MOUNTING BRACKETS HAVE .0025" HOLES. BRACKETS TO BE SUPPORTED WITHIN 12" OF EACH END OF EACH SECTION, WITH A MAXIMUM SPAN OF 72" BETWEEN SUPPORTS.

CF INTERIOR MOUNTING BRACKET(S) TO BE SUPPORTED WITHIN 38" OF EACH END OF EACH SECTION, WITH A MAXIMUM SPAN OF 72" BETWEEN SUPPORTS.

PBW PLENUM FEATURES

*REMOVABLE S/S PERFORATED PANEL(S)

*ALL EXPOSED SURFACES ARE STAINLESS STEEL.

LIGHTING NOTE

THIS LIGHTING IN THIS VENTILATOR IS DESIGNED TO PROVIDE 50 FOOT CANDLES OF LIGHT AT THE COOKING SURFACE. IF 50 FOOT CANDLES OF LIGHTING IS PROVIDED IN THE SURROUNDING SPACE.

ELECTRICAL NOTES (DCV-AV)

① (1) CAT 5 CABLE FOR CONTROL(S), IN FLEXIBLE CONDUIT, EXTENDING 6' BEYOND END OF VENTILATOR BY GAYLORD. WIRED TO DCV CONTROL CABINET OR NEXT HOOD (IF APPLICABLE) BY ELECTRICAL CONTRACTOR.

* LIGHT FIXTURES, VAPOR PROOF, U.L. LISTED, FURNISHED, INSTALLED AND WIRED BY GAYLORD.

② (2) WIRES AND GROUND, FOR CONTROL(S) AND LIGHT(S), IN FLEXIBLE CONDUIT, EXTENDING 6' BEYOND END OF VENTILATOR BY GAYLORD. WIRED TO SUPPLY VOLTAGE BY ELECTRICAL CONTRACTOR.

FIRE PROTECTION SYSTEM NOTES ANSUL R-102-ASEFC

FP-1 LOCATION OF FIRE PROTECTION NOZZLES MUST BE VERIFIED IN RELATION TO THE COOKING EQUIPMENT, PRIOR TO VENTILATOR FABRICATION.

COMPLETE SYSTEM INCLUDING APPLIANCE DROPS, SURFACE MOUNTED DETECTION BRACKETS, AND A STAINLESS STEEL CABINET ON THE END OF THE HOOD BY GAYLORD, WITH FIELD INSTALLATION BY GAYLORD.

ANSUL FIRE SYSTEM FACTORY INSTALLED IN A STAINLESS STEEL CABINET ON THE END OF THE HOOD, PRE-PIPED CHEMICAL LINES INCLUDING DUCT, PLENUM AND APPLIANCE DROPS WITH ALL NOZZLES INSTALLED PER COOKING EQUIPMENT ARRANGEMENT ON GAYLORD APPROVED DRAWINGS. ALL EXPOSED PIPING CHROME PLATED OR CHROME SLEEVED. INCLUDES FACTORY PRE-PIPED DETECTION LINES WITH SURFACE MOUNTED DETECTOR BRACKETS. CHEMICAL AND DETECTION LINES INTERCONNECTED TO TANK(S). INSTALLATION BY CERTIFIED FACTORY INSTALLERS.

INCLUDES:

- * TANK(S) AND RELEASE ASSEMBLY(S)
- * CHEMICAL
- * DETECTOR CABLE
- * FUSIBLE LINKS WITH LINKAGE
- * EXPELLANT GAS CARTRIDGE(S) (PROVIDED BY FIRE PROTECTION INSTALLER)
- * REMOTE MANUAL PULL STATION
- * (1) GAS VALVE REQUIRED. REVIEW GAYLORD QUOTE TO DETERMINE IF PROVIDED BY GAYLORD.
- * (1) MANUAL RESET RELAY PER FIRE SYSTEM, IF REQUIRED
- * PLANS AND PERMITS (ON JOBS INSIDE OF THE UNITED STATES AND NON-MARINE JOBS)
- * PARTS AND INSTALLATION OF CHEMICAL AND DETECTION LINES FROM TANK(S) TO CONNECTION POINTS ON HOOD
- * INSTALLATION OF TANKS AND RELATED COMPONENTS
- * INSTALLATION OF DETECTOR CABLE AND FUSIBLE LINKS
- * INSTALLATION OF REMOTE MANUAL PULL STATION
- * JOB SITE REPOSITIONING OF NOZZLES PER GAYLORD APPROVED DRAWINGS, IF REQUIRED TO MEET SYSTEM DESIGN REQUIREMENTS
- * TRIP TEST AND CERTIFICATION ON JOBS INSIDE OF THE UNITED STATES AND NON-MARINE JOBS

EXCLUDES:

- * UNION LABOR AND PREVAILING WAGE
- * INSTALLATION OF GAS VALVE(S)
- * ELECTRICAL DISCONNECTS
- * PARTS AND LABOR FOR ANY ELECTRICAL INTERCONNECTIONS
- * JOB SITE REPOSITIONING OF NOZZLES IF COOKING EQUIPMENT IS NOT INSTALLED PER GAYLORD APPROVED DRAWINGS
- * PLANS AND PERMITS ON JOBS OUTSIDE OF THE UNITED STATES AND ON MARINE JOBS
- * TRIP TEST AND CERTIFICATION ON JOBS OUTSIDE OF THE UNITED STATES AND ON MARINE JOBS
- * HANDHELD FIRE EXTINGUISHER(S)
- * INSPECTION AND SERVICING

FIRE PROTECTION INLET NOTES

(AD) IS THE ANSUL FUSE LINK DETECTOR CABLE INLET.

(AC) IS THE ANSUL CHEMICAL TANK INLET.

* SEE ANSUL TANK DIAGRAM FOR DETAILS *

"CAPTURE WALL" INSTALLATION DETAILS

- 1) INSTALL VENTILATOR.
- 2) REMOVE 2"x4" SHIPPING BLOCK FROM BOTTOM OF VENTILATOR.
- 3) SECURE BOTTOM VENTILATOR FLANGE TO STRUCTURAL WALL USING #10 SCREWS (MIN.) ON A MAXIMUM OF 32" CENTERS. (SEE DETAIL #1)
- 4) ATTACH "CAPTURE WALL" TO VENTILATOR USING SCREWS AND CAGE NUTS PROVIDED AT PRE-DRILLED LOCATIONS.
- 5) SECURE BOTTOM OF "CAPTURE WALL" TO STRUCTURAL WALL USING #10 SCREWS (MIN.) ON A MAXIMUM OF 32" CENTERS. (SEE DETAIL #3)
- 6) IF LOCAL JURISDICTION ALLOWS: INSTALLER TO APPLY SILICONE CAULK ON ALL JOINTS CONNECTING TO BUILDING WALL AND VERTICAL SEAMS (IF APPLICABLE).

VOL. II SAVANNAH ARTS ACADEMY ADDITION
 500 WASHINGTON AVENUE
 SAVANNAH, GEORGIA 31405
 SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
 GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FT#: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

Cogdell Mendra Architects
 COGDELL & MENDRA ARCHITECTS, PC
 517 EAST CONGRESS STREET
 SAVANNAH, GEORGIA 31401
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 cogdellmendra.com

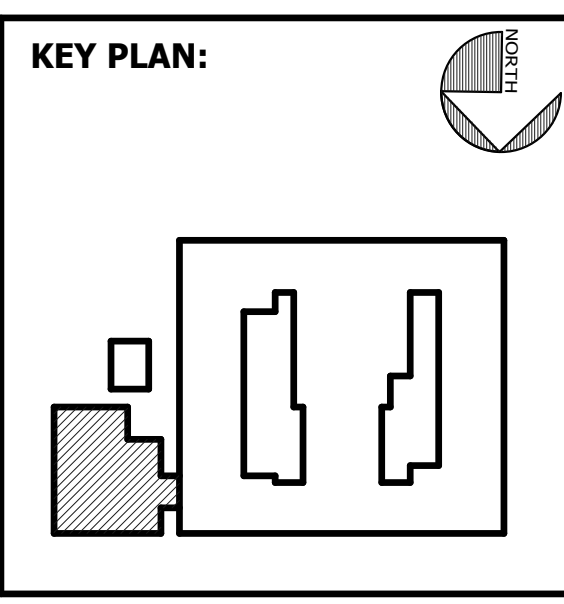
SEAL:

PROJECT CONSULTANTS:

CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
 40 JOE KENNEDY BLVD.
 STATESBORO, GA 30458

STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
 400 E. JOHNNY MERCER BOULEVARD
 SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
 7402 HODGSON MEMORIAL DRIVE,
 SUITE 100
 SAVANNAH, GA 31406

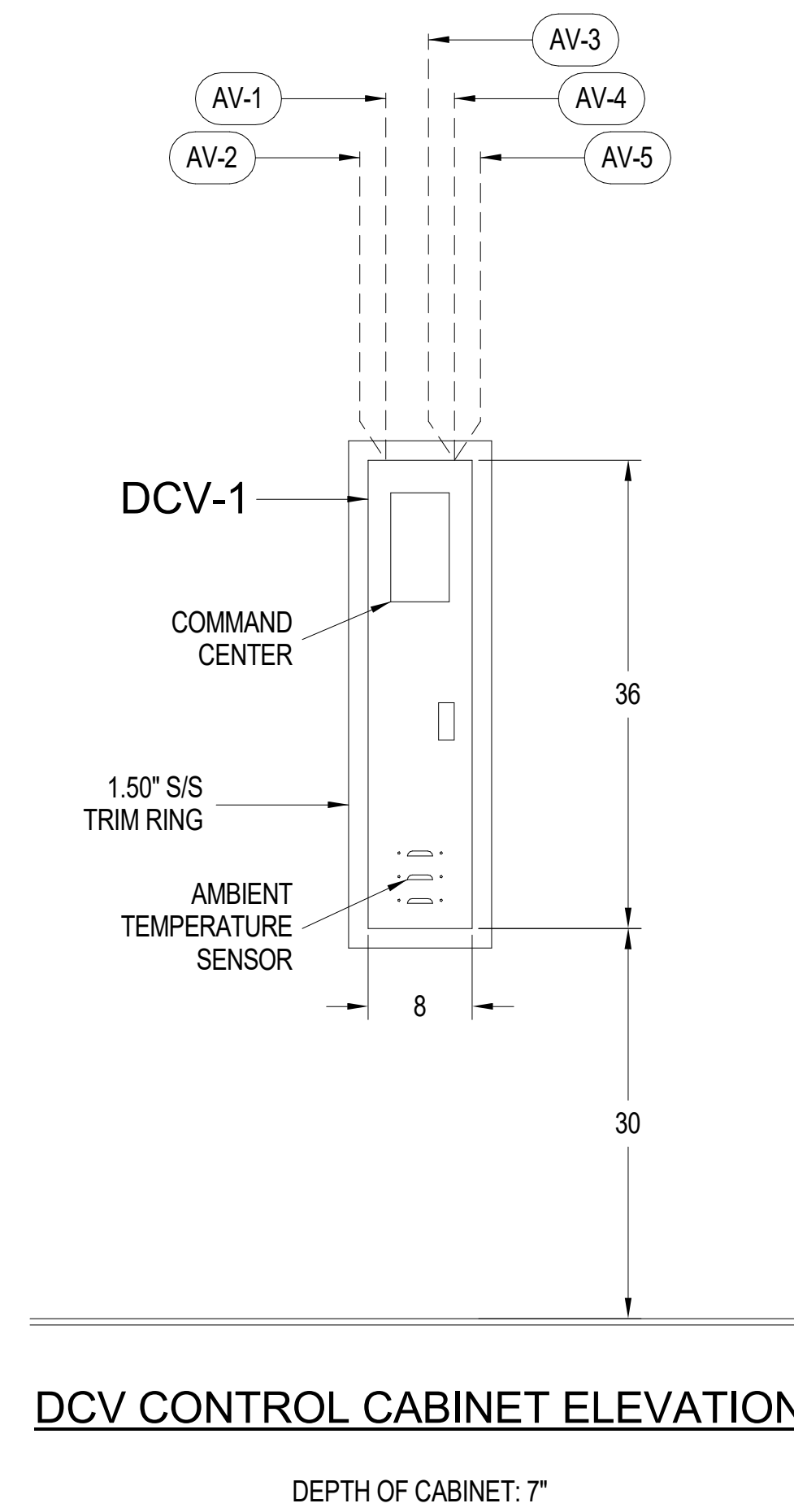
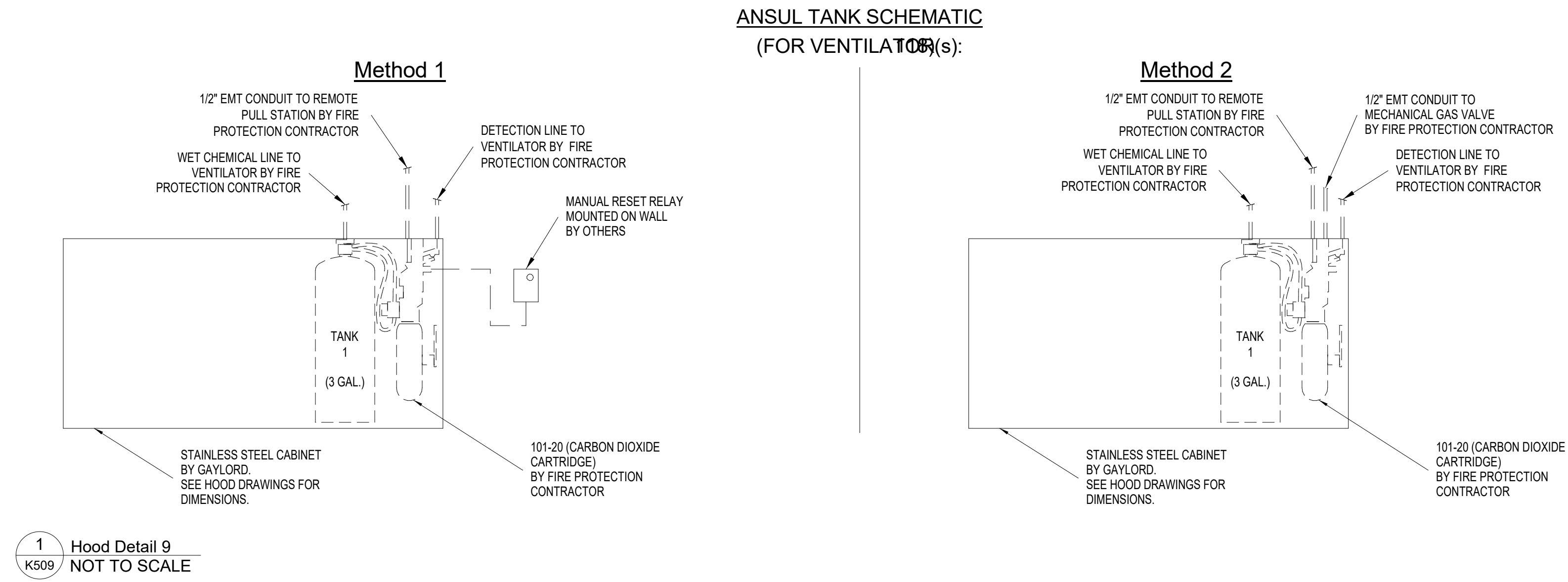


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FOODSERVICE EXHAUST HOOD DETAILS

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SHEET: **K508**





**2 Hood Detail 10
K509 NOT TO SCALE**

**DCV CONTROL CABINET
WIRING NOTES**

- AV-1 (2) WIRES AND GROUND FROM DCV CONTROL CABINET TO NON-INTERRUPTIBLE SUPPLY VOLTAGE SERVICE BY ELECTRICAL CONTRACTOR
- AV-2 (1) CAT 5 CABLE FROM DCV CONTROL CABINET TO 1ST HOOD AVHC BY ELECTRICAL CONTRACTOR.
- AV-3 (2) WIRES FROM DCV CONTROL CABINET TO FIRE SUPPRESSION SYSTEM MICRO SWITCHES BY ELECTRICAL CONTRACTOR.
- AV-4 (6) WIRE LOW VOLTAGE CABLE FROM DCV CONTROL CABINET TO EACH VFD BY ELECTRICAL CONTRACTOR.
- AV-5 N/A

**DCV CONTROL CABINET
INSTALLATION NOTES**

- DCV CONTROL CABINET MUST BE LOCATED WITHIN 50 FEET OF AND IN THE SAME KITCHEN AS THE HOODS IT WILL CONTROL.
- DCV CONTROL CABINET MUST BE LOCATED AT LEAST 2 FEET HORIZONTALLY FROM COOKING EQUIPMENT AND HEAT GENERATING APPLIANCES.



FACILITY CODE: 1607
FTE: 1000
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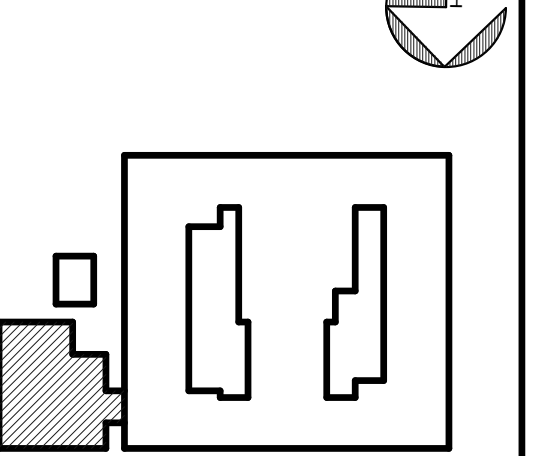
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MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

KEY PLAN:



**SHEET TITLE:
FOODSERVICE
EXHAUST
HOOD DETAILS**

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SHEET: **K509**



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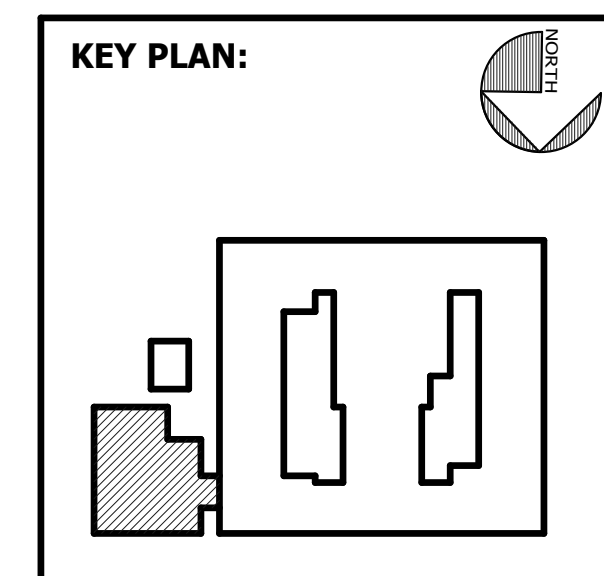
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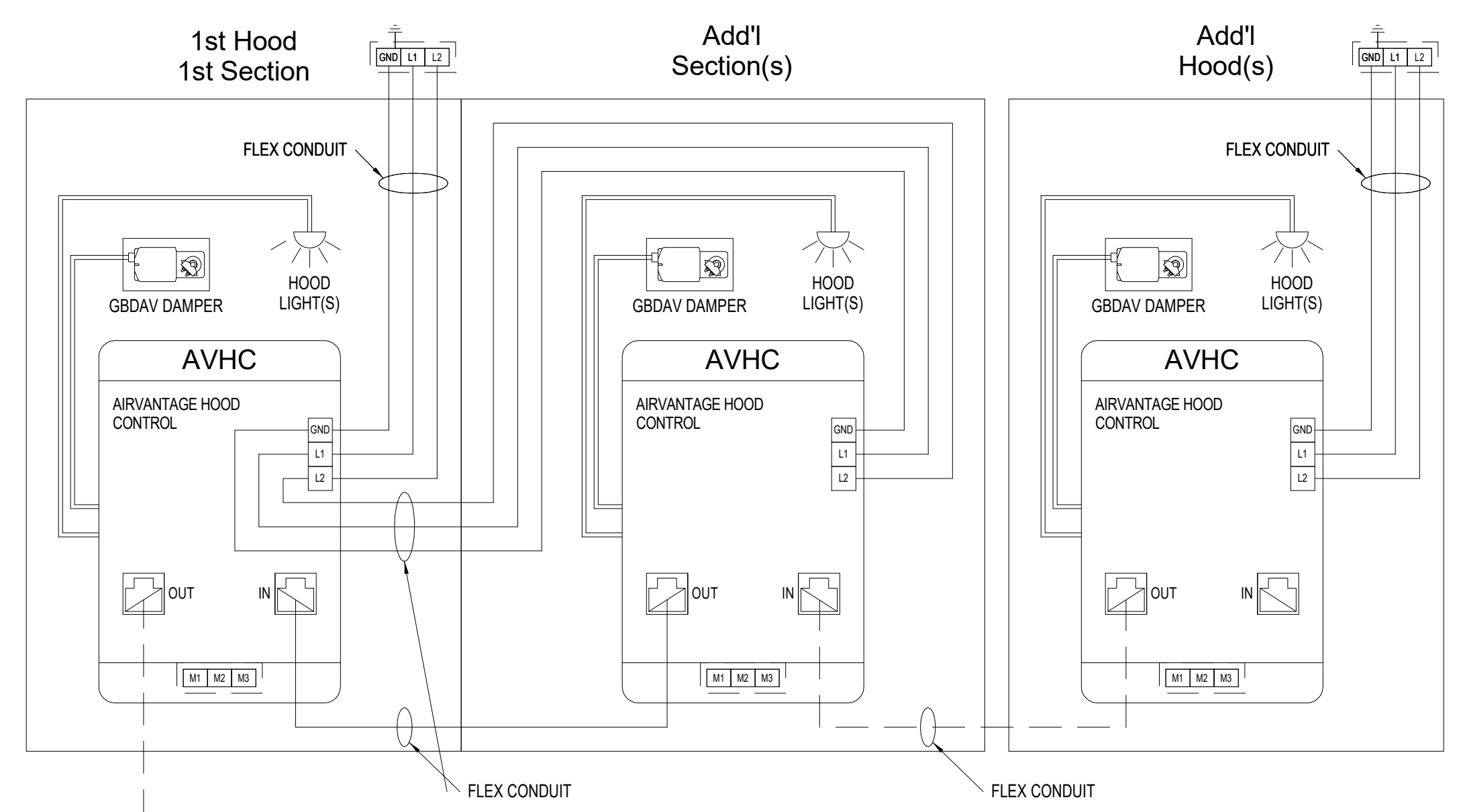
VFD BY OTHERS SPECIFICATION

- HARDWARE (MINIMUM VFD REQUIREMENTS)**
- WORKS WITH A 4-20 MA OR 2-10 V ANALOG INPUT.
 - PRODUCES A 24 VDC OR EQUIVALENT COMMON TO BE USED FOR REMOTE DRY CONTACT SWITCHING OF THE VFD(S). INDEPENDENT POWER SUPPLY ALSO ACCEPTED.
 - DRIVE TO MOTOR DISTANCE IS LESS THAN THE MAXIMUM SPECIFIED BY THE DRIVE MANUFACTURER.
 - DRIVE IS TO BE SIZED APPROPRIATELY FOR MOTOR RATED FLA AND VOLTAGE INPUTS.

DRIVE INPUTS FROM GAYLORD DCV COMMAND CENTER

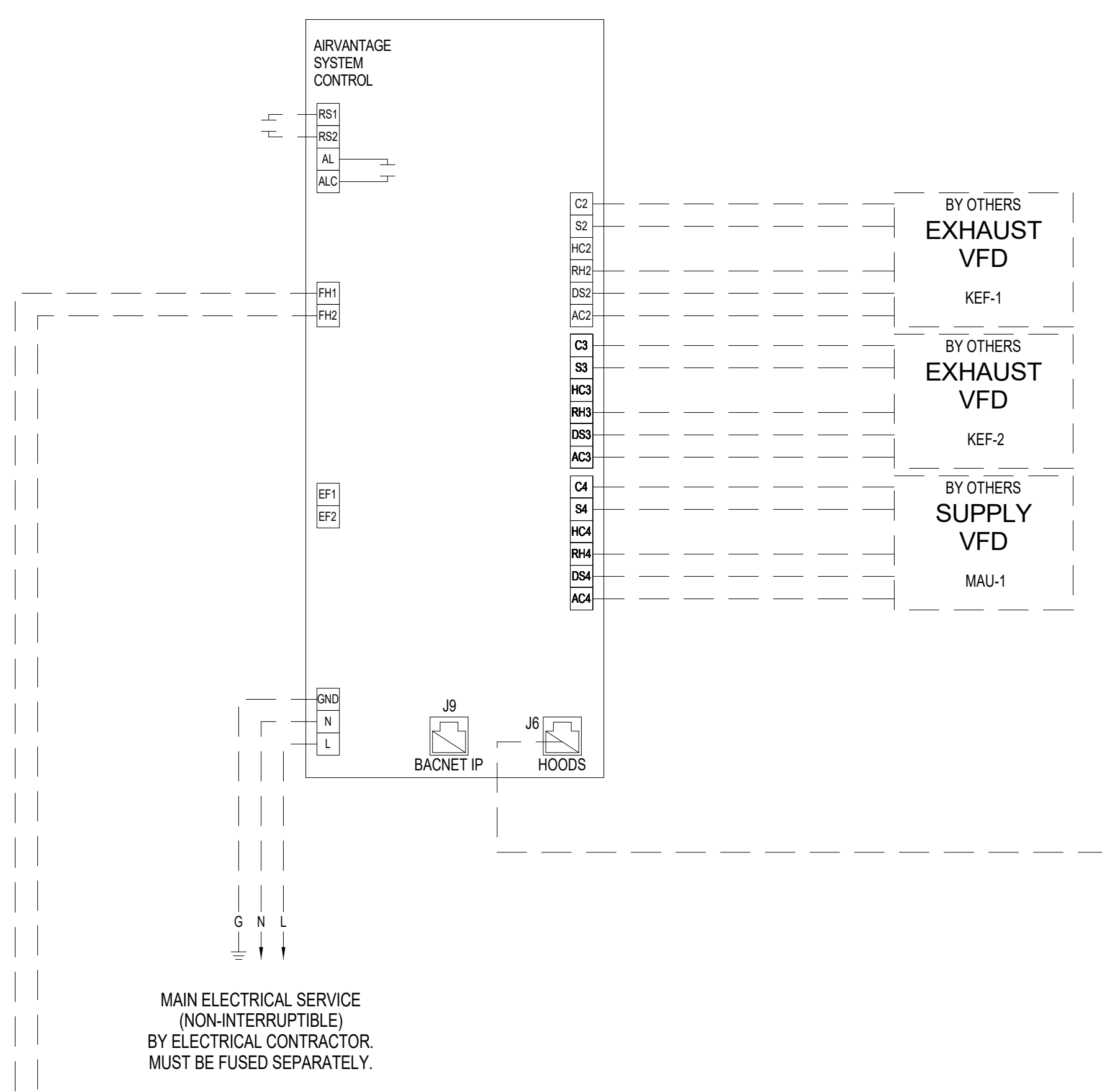
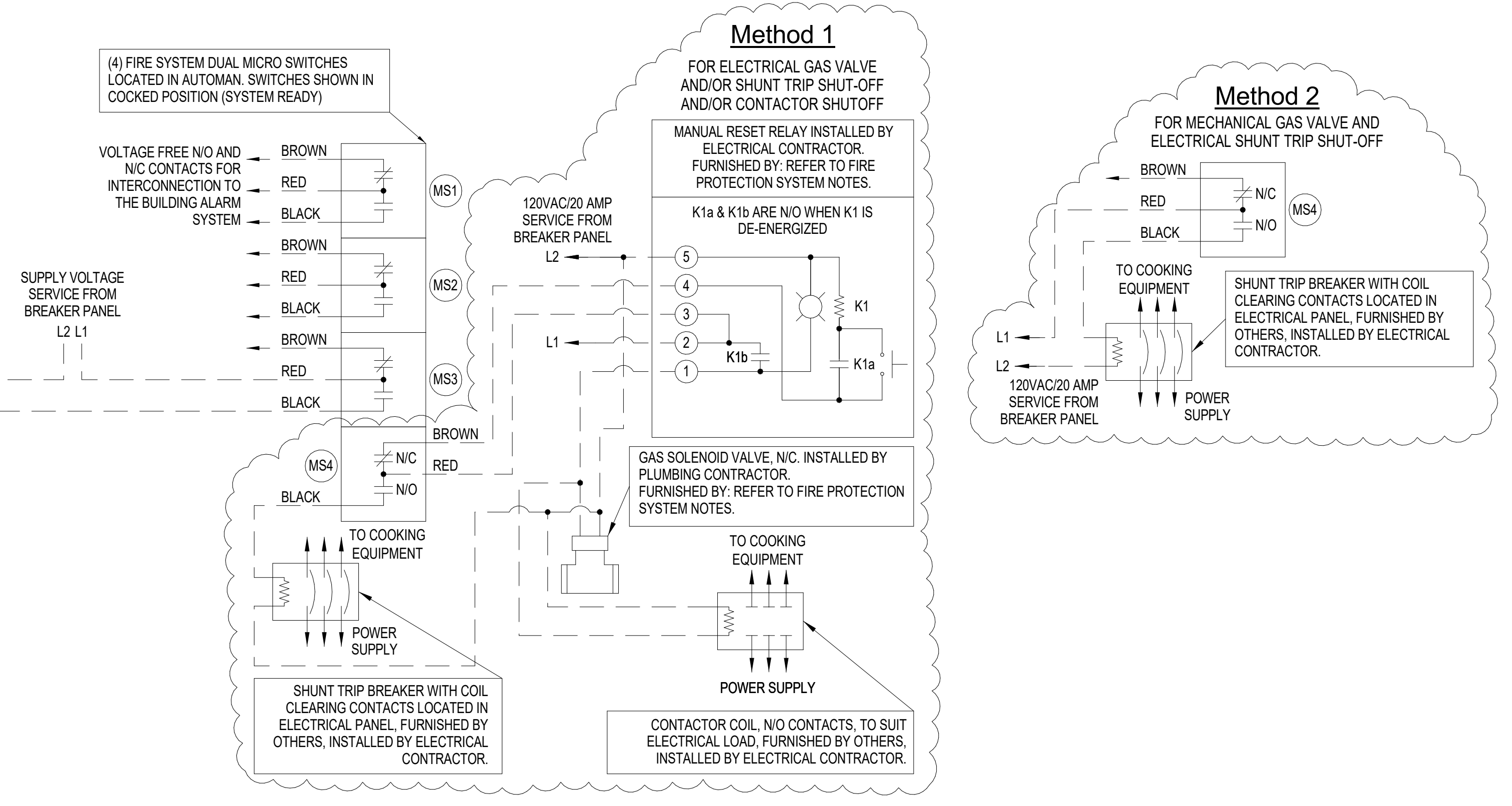
AS NOTED ON GAYLORD SUBMITTAL DRAWINGS UP TO FOUR VFD(S) MAY BE CONTROLLED THROUGH TERMINALS LABELED WITH AN ALPHANUMERIC, WHERE THE NUMBER CORRESPONDS TO A DISTINCT VFD (SEE TABLE 1). THE SYMBOL "H" IS SUBSTITUTED FOR THE NUMBER IN THE FOLLOWING.

- TERMINAL CH ACCEPTS A NOMINAL +24 VDC COMMON SIGNAL FROM AN EXHAUST FAN VFD.
- TERMINAL SH OUTPUTS SIGNAL PROVIDED BY THE COMMON VOLTAGE (AT CH) TO COMMAND THE EXHAUST FAN VFD TO RUN.
- TERMINAL RH# OUTPUTS SIGNAL PROVIDED BY THE COMMON VOLTAGE.
 - CH IS THE DEFAULT COMMON FOR RH#.
 - HCH IS AN ALTERNATE COMMON FOR RH#. IT IS TO BE USED WHEN THE VFD COMMAND POINTS FOR RUN AND RUN HIGH DO NOT SHARE A COMMON. THE TERMINAL JUMPER BETWEEN CH AND HCH MUST BE REMOVED TO SEPARATE THE VOLTAGE SOURCES.
- TERMINALS DSH AND HCH PROVIDE THE SPEED SIGNAL TO THE EXHAUST FAN VFD.
 - DSH IS 4-20 MA SIGNAL (OPTIONAL 2-10 V).
 - ACH IS THE ANALOG COMMON.



REFER TO HOOD DRAWINGS FOR REQUIRED INTERCONNECTIONS

TYPICAL FIRE SYSTEM WIRING DIAGRAM (ANSUL SHOWN)



MAIN ELECTRICAL SERVICE (NON-INTERRUPTIBLE) BY ELECTRICAL CONTRACTOR MUST BE FUSED SEPARATELY.

DCV CONTROL CABINET

~ SUPPLY VOLTAGE ~
120 VAC, 60Hz
1 AMP MAXIMUM CONNECTED LOAD

TRM	TERMINATION SCHEDULE	TYPE
L	MAIN POWER CONNECTION HOT	120 VAC
N	MAIN POWER CONNECTION NEUTRAL	0 VAC
FH1	FIRE SYSTEM INPUT HOT	120 VAC
FH2	FIRE SYSTEM NEUTRAL	0 VAC
RS1	REMOTE START +24V	24 VDC
RS2	REMOTE START COMMON	24 VDC
AL	ALARM CONTACT NO	VARIES
ALC	ALARM CONTACT COMMON	VARIES
J9	BACNET IP	CATS
J8	HOOD COMMUNICATION	CATS
EF1	COMMON FROM EXTERNAL CONTROLLER	24 VDC
EF2	EF RUN STATUS (NO)	24 VDC
C1	BINARY COMMON INPUT	VARIES
S1	BINARY OUTPUT (RUN)	VARIES
HC1	OPTIONAL COMMON FOR RH1	24 VDC
RH1	RUN HIGH (USES C1 COMMON)	VARIES
DS1	OUTPUT 2-10V (4-20mA FOR VFD ONLY)	VARIES
AC1	ANALOG COMMON	VARIES
C2	BINARY COMMON (INPUT)	24 VDC
S2	BINARY OUTPUT (RUN)	24 VDC
HC2	OPTIONAL COMMON FOR RH2	24 VDC
RH2	RUN HIGH (USES C2 COMMON)	24 VDC
DS2	OUTPUT 2-10V (4-20mA FOR VFD ONLY)	VARIES
AC2	ANALOG COMMON	VDC
C3	BINARY COMMON (INPUT)	24 VDC
S3	BINARY OUTPUT (RUN)	24 VDC
HC3	OPTIONAL COMMON FOR RH3	24 VDC
RH3	RUN HIGH (USES C3 COMMON)	24 VDC
DS3	OUTPUT 2-10V (4-20mA FOR VFD ONLY)	VARIES
AC3	ANALOG COMMON	VDC
C4	BINARY COMMON (RUN)	24 VDC
S4	BINARY OUTPUT (RUN)	24 VDC
HC4	OPTIONAL COMMON FOR RH4	24 VDC
RH4	RUN HIGH (USES C4 COMMON)	24 VDC
DS4	OUTPUT 2-10V (4-20mA FOR VFD ONLY)	VARIES
AC4	ANALOG COMMON	VDC
PA1	OUTPUT 2-10V FOR ECM ONLY	VARIES
NA1	ANALOG COMMON FOR ECM ONLY	VDC
PA2	OUTPUT 2-10V FOR ECM ONLY	VARIES
NA2	ANALOG COMMON FOR ECM ONLY	VDC
PA3	OUTPUT 2-10V FOR ECM ONLY	VARIES
NA3	ANALOG COMMON FOR ECM ONLY	VDC
PA4	OUTPUT 2-10V FOR ECM ONLY	VARIES
NA4	ANALOG COMMON FOR ECM ONLY	VDC

~ CONTROLLER TERMINATION SCHEDULE ~
VOLTAGE TO VARY

TRM	TERMINATION SCHEDULE	TYPE
L1	MAIN POWER CONNECTION HOT	120 VAC
L2	MAIN POWER CONNECTION NEUTRAL	0 VAC
IN	COMM FROM UPS/STREAM CONTROLLER	24 VDC
OUT	COMM TO DOWNSTREAM CONTROLLER	24 VDC
M1	AIR VOLUME NEUTRAL	24 VAC
M2	AIR VOLUME HOT	24 VAC
M3	AIR VOLUME SIGNAL 2-10V	VARIES

- FIELD WIRING BY OTHERS
- WIRING BY GAYLORD
- CAT 5 FIELD WIRING BY OTHERS
- CAT 5 WIRING BY GAYLORD

OUTPUT NUMBER	OUTPUT LABEL	OUTPUT TYPE	MIRROR (1, 2, 3, OR 4 SUPPLY (% OF EXHAUST))
1	NONE	None	N/A
2	KEF-1	Exhaust	N/A
3	KEF-2	Exhaust	100
4	MAU-1	Supply	Value

1 Hood Detail 11
K510 NOT TO SCALE

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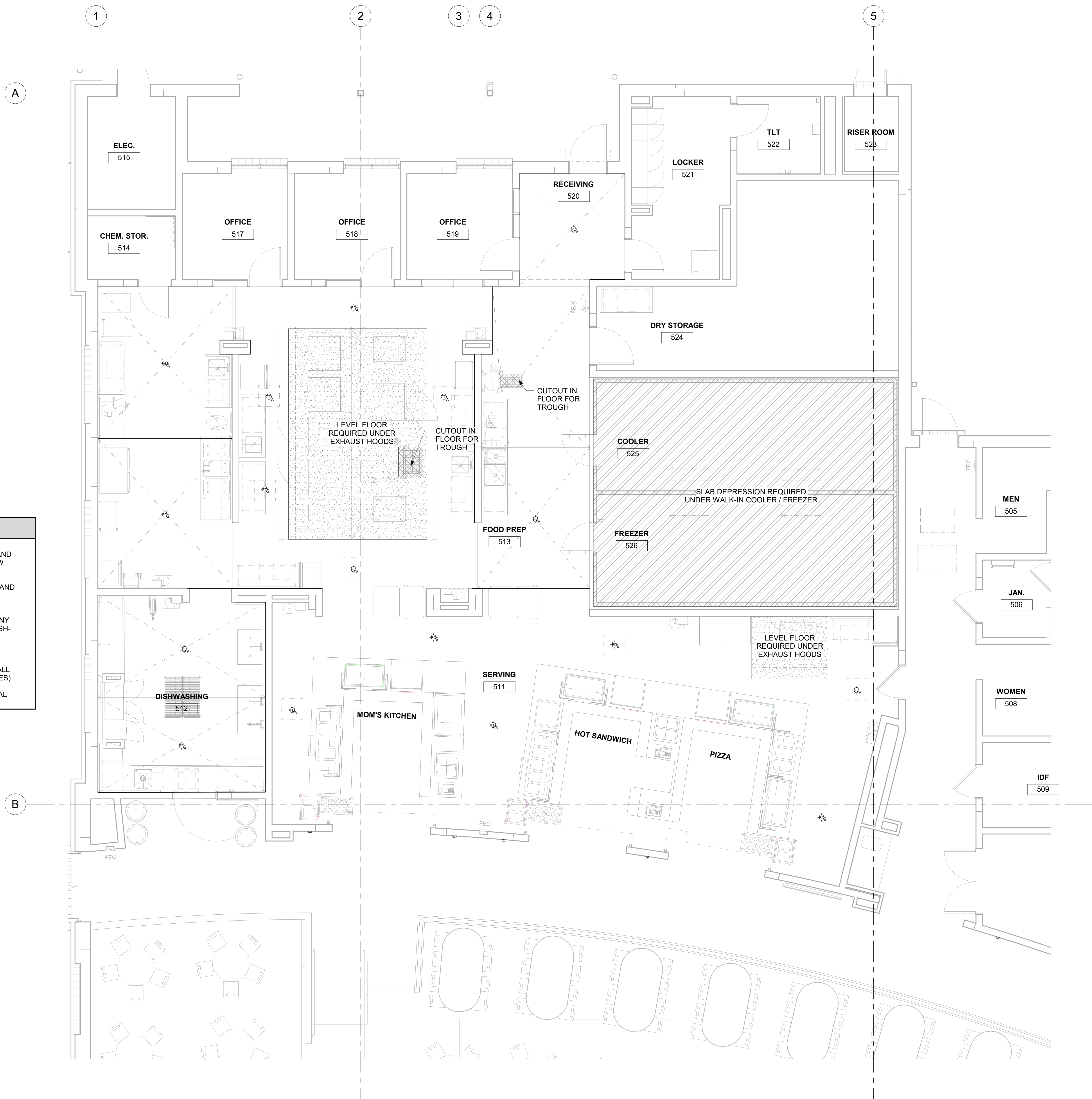
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SPECIAL CONDITIONS LEGEND	
	AREA FLOOR DRAIN
	SODA LINE CONDUIT
	CO2 LINE CONDUIT
	REFRIGERANT PIPING
	WALL BLOCKING
	FLOOR SLOPED TO DRAIN
	FLOOR DEPRESSION
	FLOOR CUTOUT
	FLOOR TO REMAIN LEVEL

FOODSERVICE SPECIAL CONDITIONS NOTES

- THIS SPECIAL CONDITIONS PLAN AND COORDINATING INFORMATION IS INTENDED TO HIGHLIGHT ARCHITECTURAL REQUIREMENTS FOR THE KITCHEN, THE FOODSERVICE EQUIPMENT SPECIFIED, AND THE EQUIPMENT SCHEDULED FOR REUSE. THIS SPECIAL CONDITIONS PLAN IS INTENDED TO SHOW ARCHITECTURAL REQUIREMENTS AND APPROXIMATE LOCATIONS ONLY.
- SPECIAL REQUIREMENTS INDICATED ARE TO SERVE AS A REFERENCE TO THE LICENSED PROFESSIONAL ARCHITECT AND/OR ENGINEERS IN THE PREPARATION OF THEIR RESPECTIVE BID AND CONSTRUCTION DOCUMENTS. NO ARCHITECTURAL OR ENGINEERING DESIGN SERVICES ARE INTENDED OR ASSUMED. SEE ARCHITECT'S DRAWINGS FOR ADDITIONAL INFORMATION.
- PRIOR TO EQUIPMENT INSTALLATION, THE FOODSERVICE EQUIPMENT CONTRACTOR SHALL COORDINATE FIELD CONDITIONS, AND CALL TO THE ATTENTION OF THE GENERAL CONTRACTOR ANY DISCREPANCIES BETWEEN THE FOODSERVICE PLANS, THE EQUIPMENT SPECIFIED, AND THE ROUGH-INS AS THEY OCCUR IN THE FIELD.
- SHOULD DISCREPANCIES OCCUR, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE FOODSERVICE CONSULTANT AND/OR PROJECT ARCHITECT/ENGINEER FOR THE CONFLICT TO BE CLARIFIED IN AN OFFICIAL REQUEST FOR INFORMATION.
- GENERAL CONTRACTOR TO PROVIDE AND INSTALL 6" CONDUITS FOR BEVERAGE SYSTEMS. IT SHALL BE WATER TIGHT AND HAVE AN 18" MINIMUM RADIUS (24" MINIMUM FOR COKE FREESTYLE MACHINES) WITH SWEEP BENDS. CONDUIT SLEEVES SHALL BE FLUSHED CLEAN AND CAPPED.
- WALL BLOCKING TO BE 3/4" FIRE RETARDANT PLYWOOD OR 16 GA. GALVANIZED METAL BY GENERAL CONTRACTOR.

REFRIGERATION PIPING IS SHOWN FOR INFORMATIONAL PURPOSES ONLY. ACTUAL LINE RUNS TO BE DETERMINED BY MANUFACTURER'S RECOMMENDATIONS, COMPRESSOR LOCATION, AND BUILDING STRUCTURE, IN KEEPING WITH ALL REQUIREMENTS OF THE SPECIFICATIONS.



1 FOODSERVICE SPECIAL CONDITIONS PLAN
K600 1/4" = 1'-0"

VOL. II SAVANNAH ARTS ACADEMY ADDITION
500 WASHINGTON AVENUE
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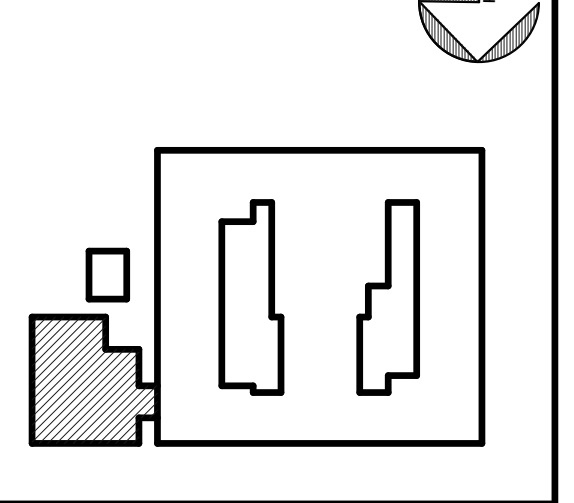
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KEY PLAN:



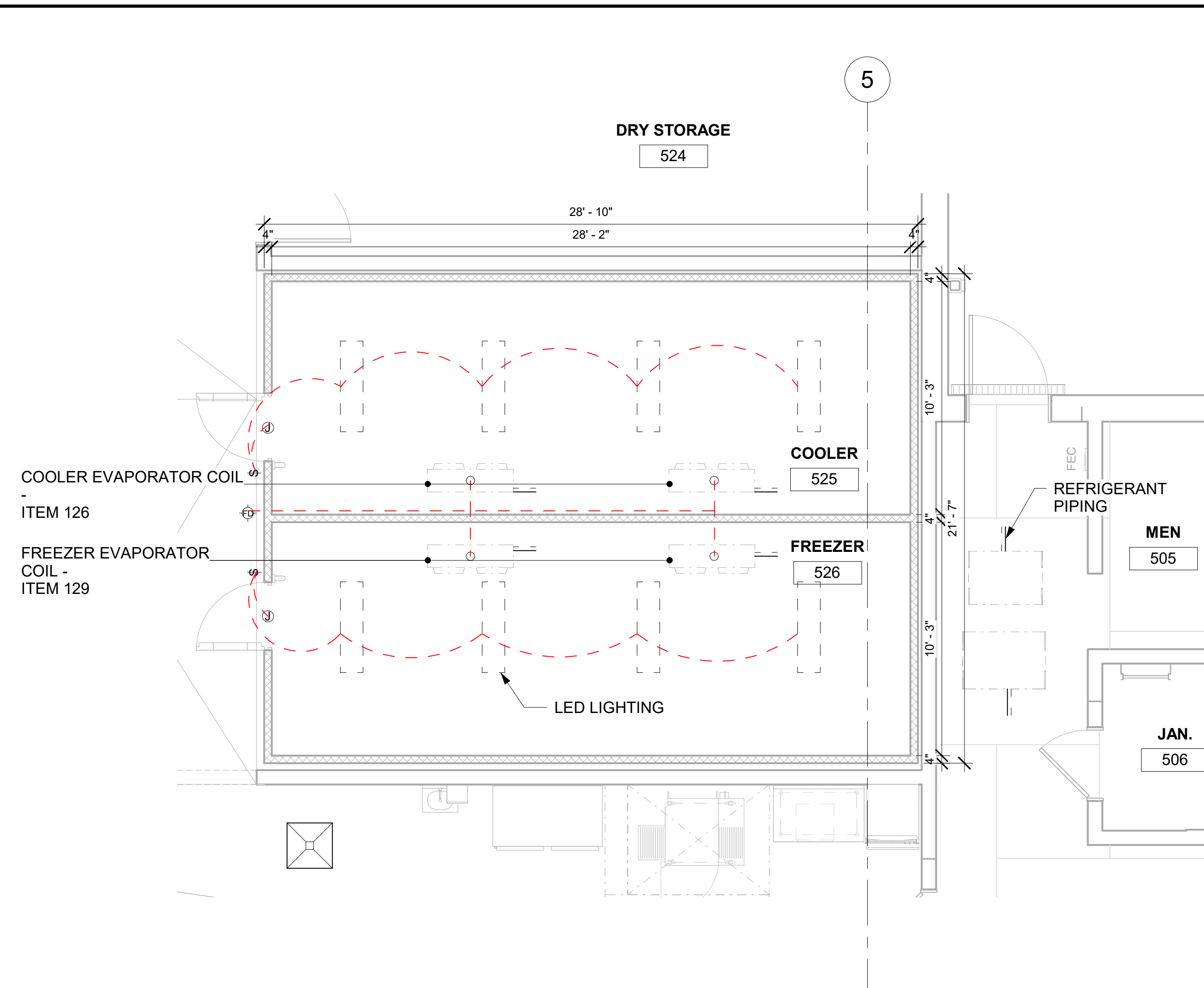
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FOODSERVICE SPECIAL CONDITIONS PLAN

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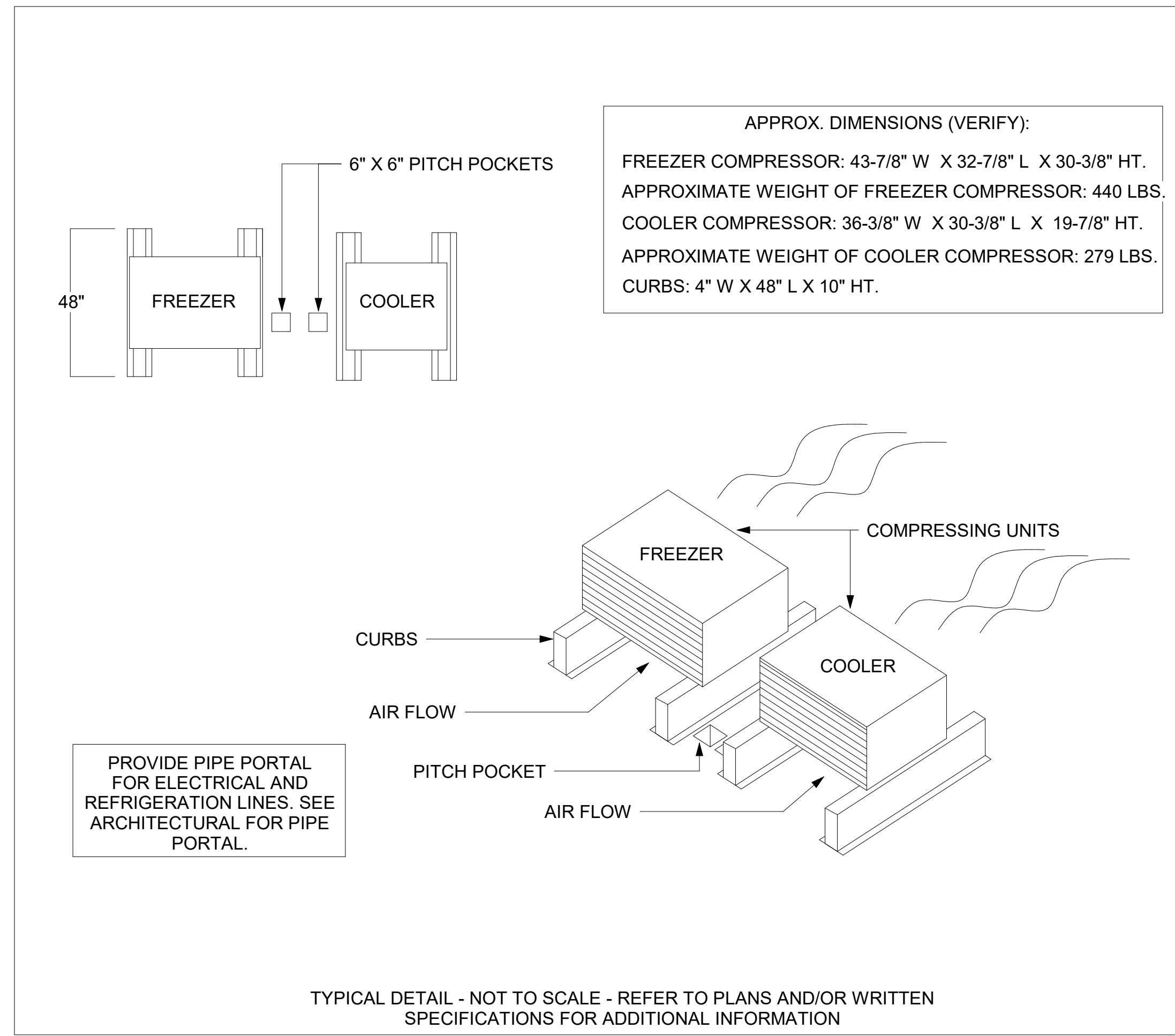
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DATE: FEB 2022
DRAWN BY: Author
SCALE: 1/4" = 1'-0"

SHEET: **K600**

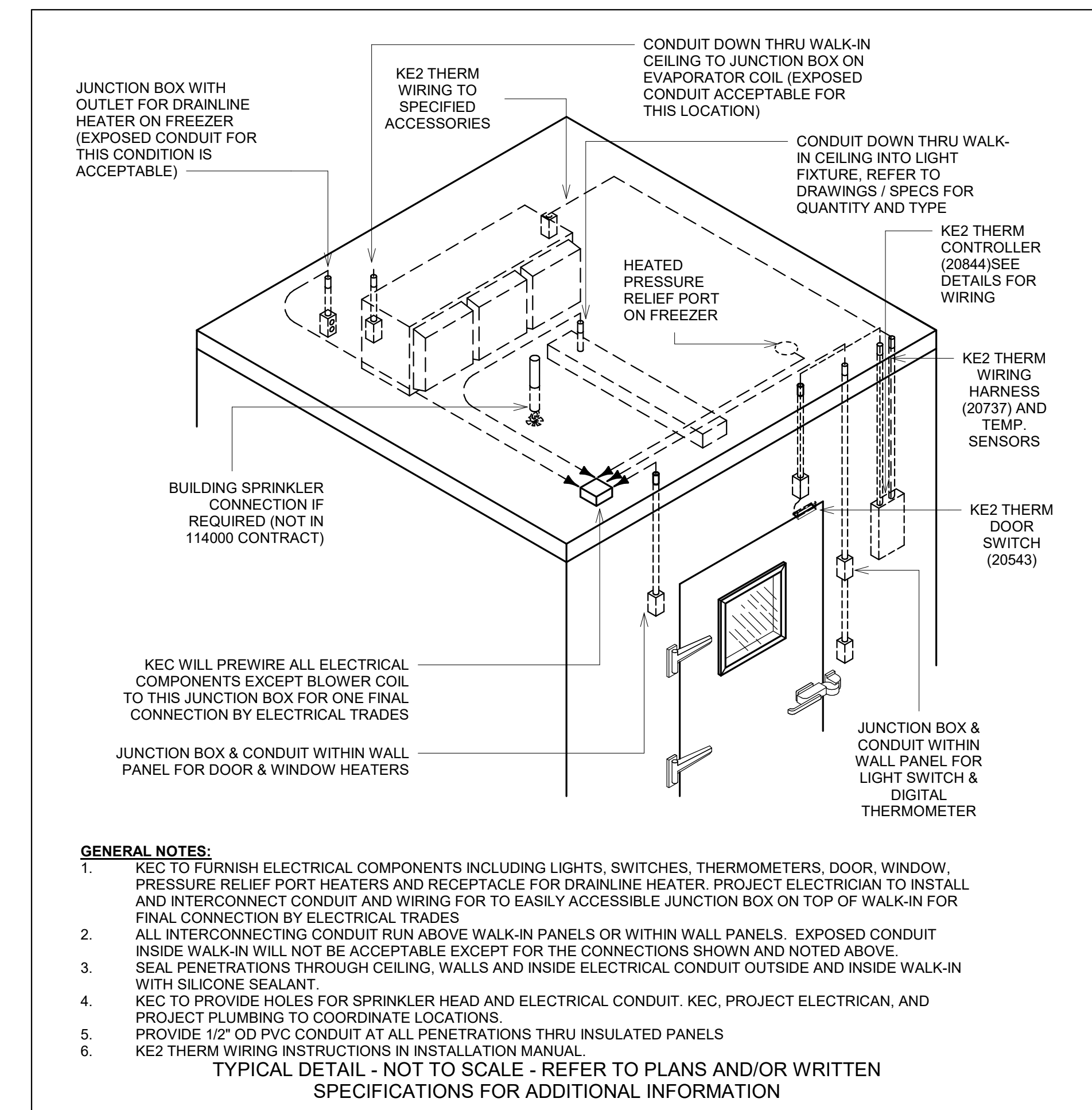




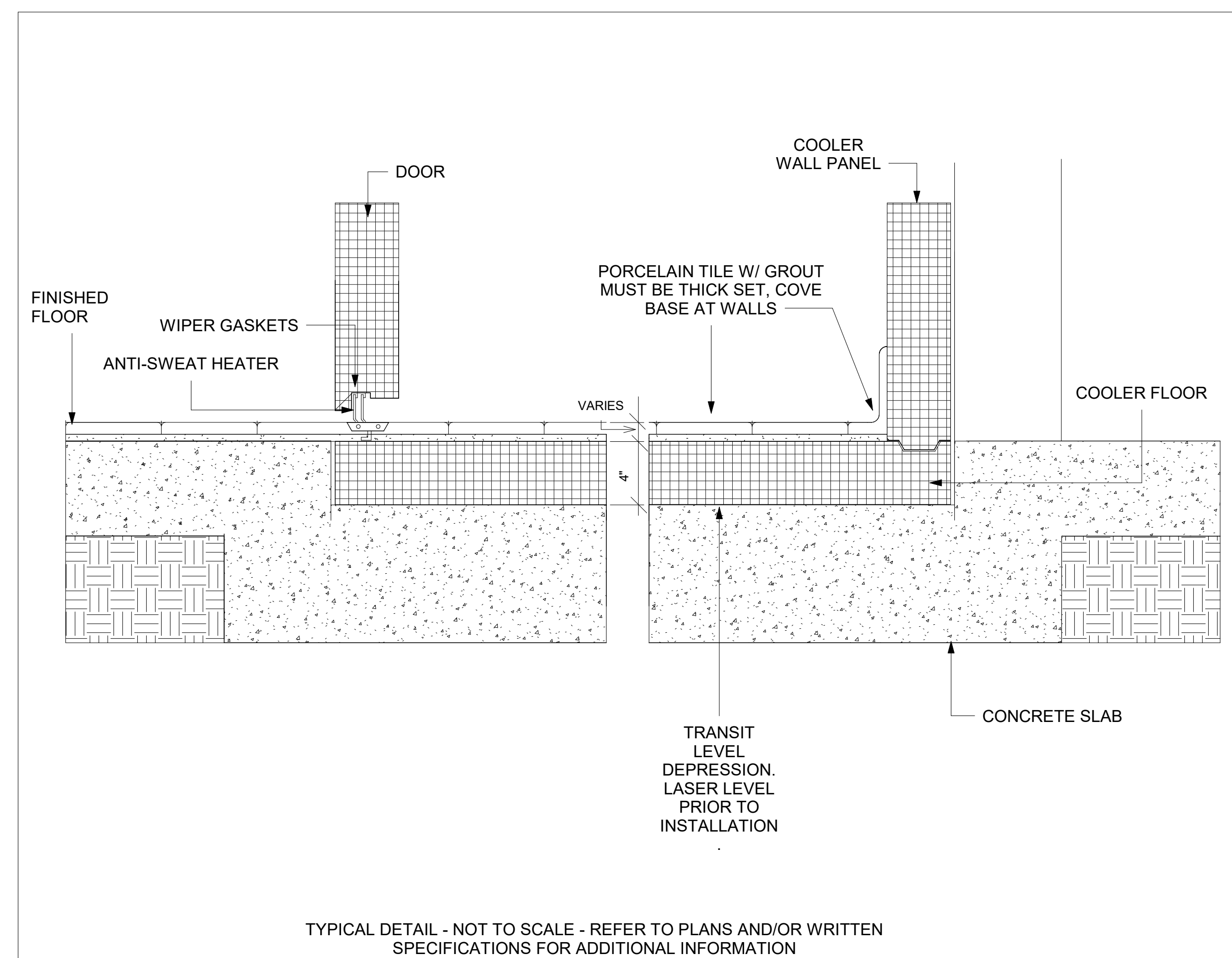
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K601 1/4" = 1'-0"



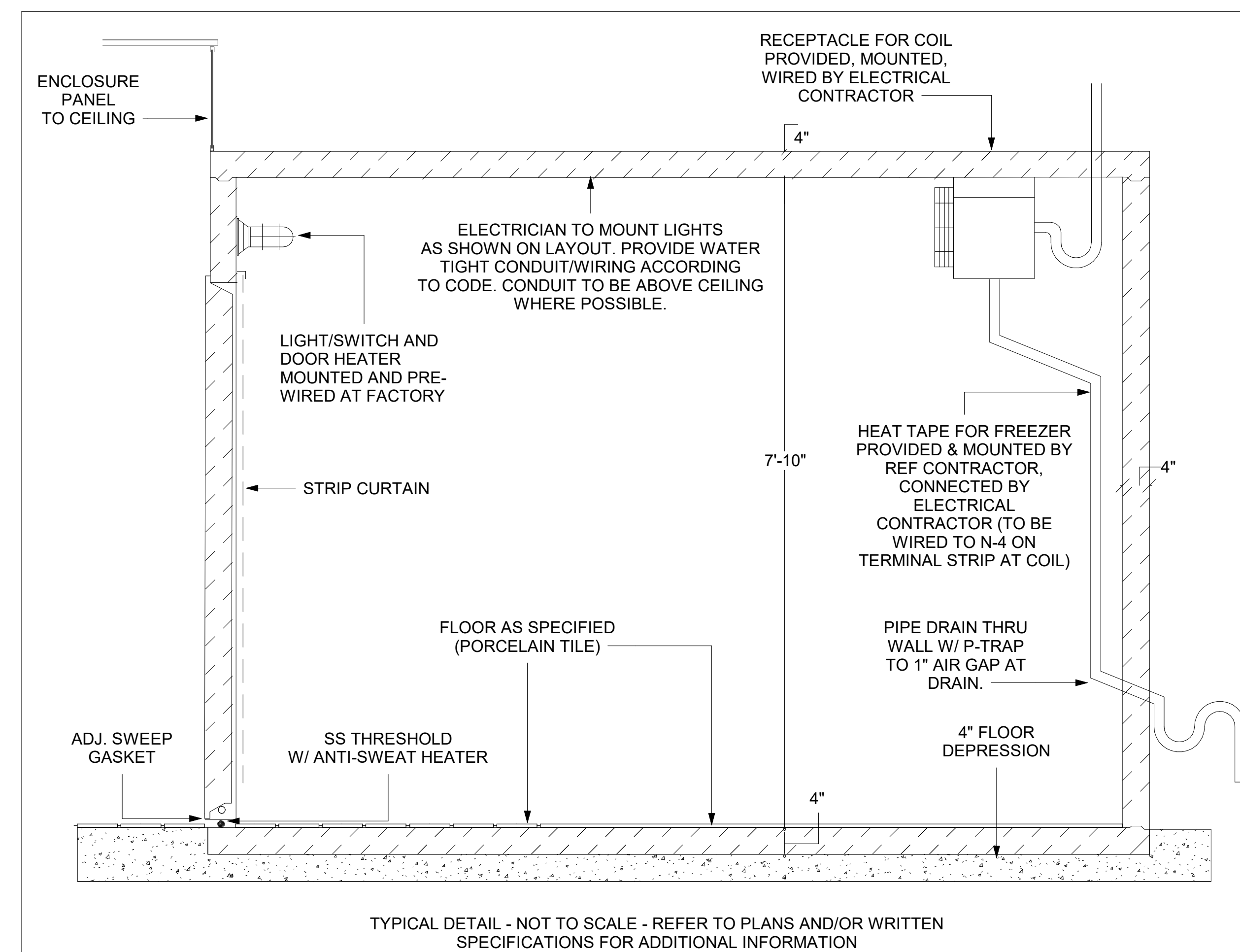
2 CONDENSING UNIT DETAIL
K601 NOT TO SCALE



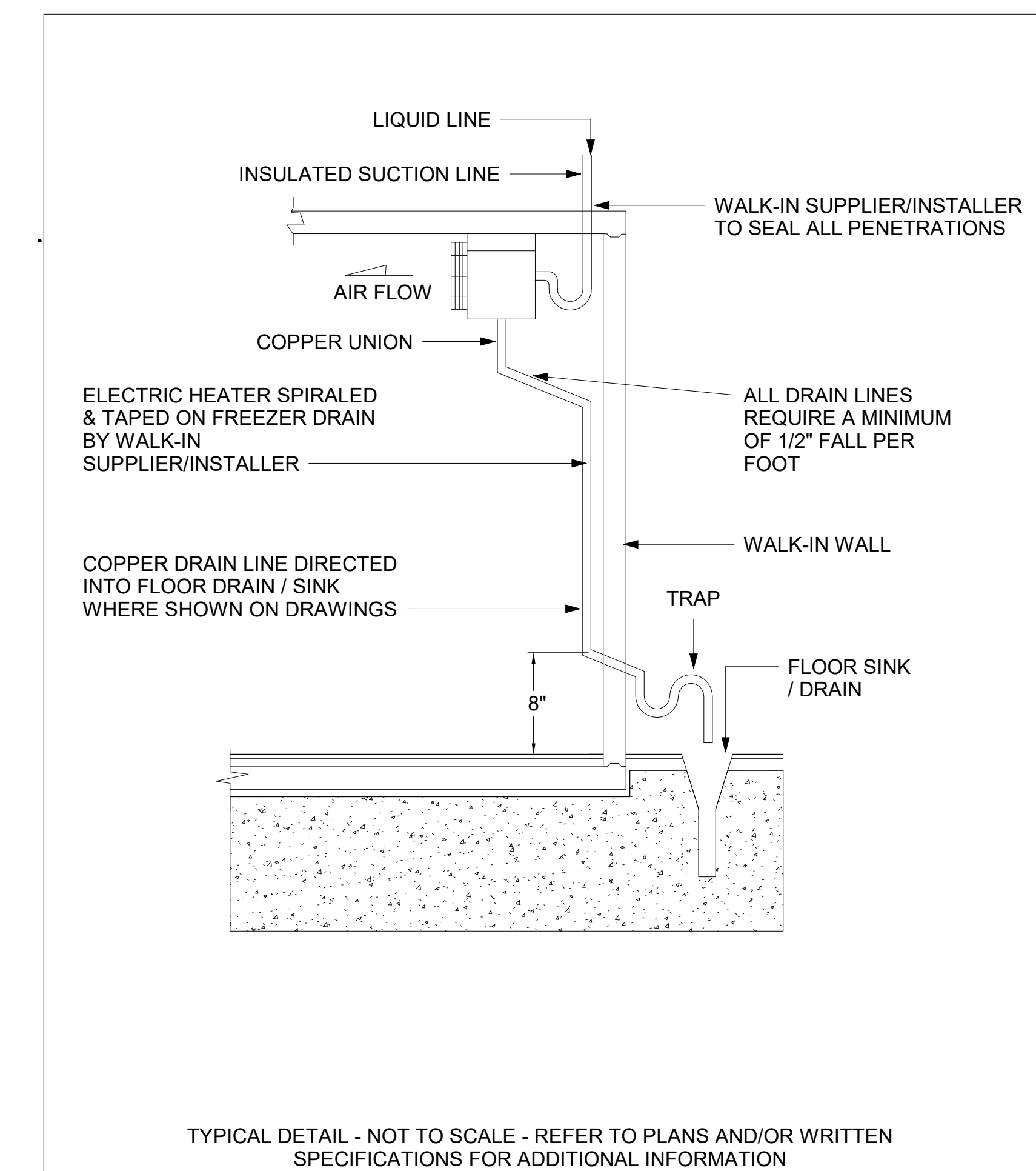
3 WALK-IN ISO DETAIL
K601 NOT TO SCALE



4 WALK-IN DETAIL - FLOOR W/ PORCELAIN TILE
K601 NOT TO SCALE



5 WALK-IN W/ FLOOR SECTION DETAIL
K601 NOT TO SCALE



6 EVAPORATOR COIL DETAIL
K601 NOT TO SCALE



SCCPSS

FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO #: C22-01

Cogdell Mendrala Architects
COGDELL & MENDRALA ARCHITECTS, PC
517 EAST CONGRESS STREET
SAVANNAH, GEORGIA 31401
tel 912.234.6318
fax 912.236.8414
cogdellmendrala.com

SEAL:

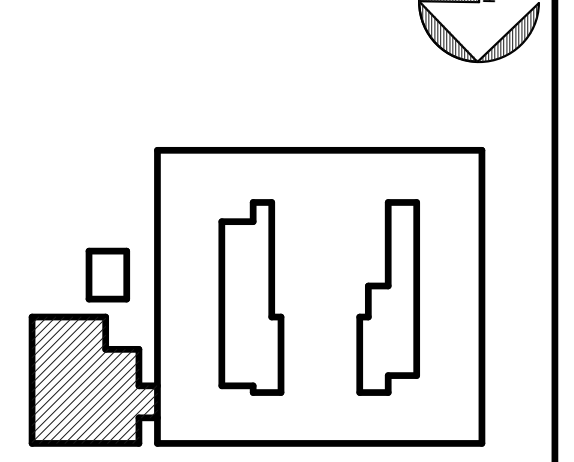
PROJECT CONSULTANTS:

CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
40 JOE KENNEDY BLVD.
STATESBORO, GA 30458

STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
400 E. JOHNNY MERCER BOULEVARD
SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

KEY PLAN:

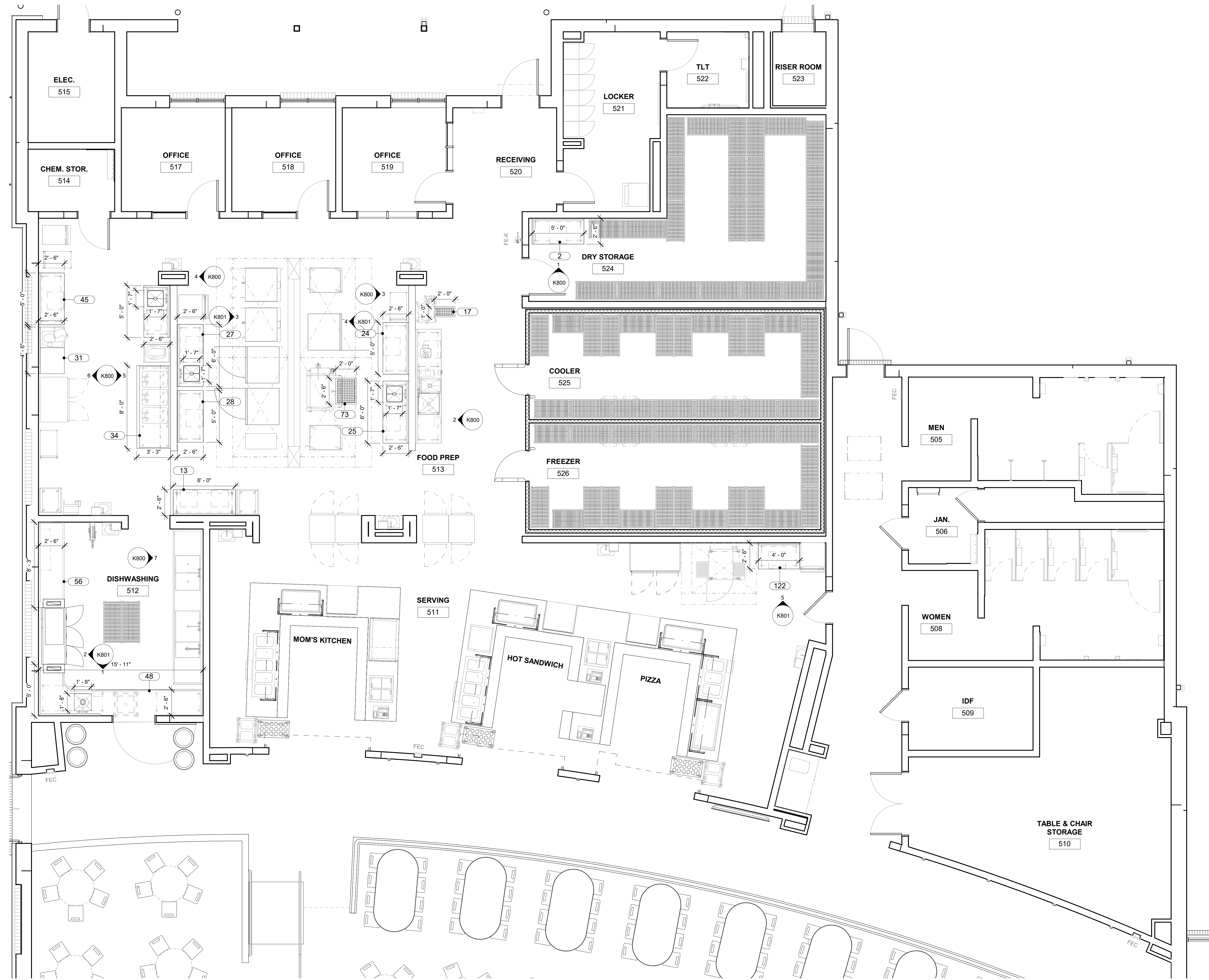


SHEET TITLE:
FOODSERVICE WALK-IN COOLER / FREEZER DETAILS

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: Author
SCALE: As indicated

SHEET: **K601**



1 FOODSERVICE CUSTOM FABRICATION PLAN
K700 1/4" = 1'-0"

VOL. II SAVANNAH ARTS ACADEMY ADDITION
500 WASHINGTON AVENUE
SAVANNAH, GEORGIA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
GMP CONSTRUCTION DOCUMENTS

SCCPSS
FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

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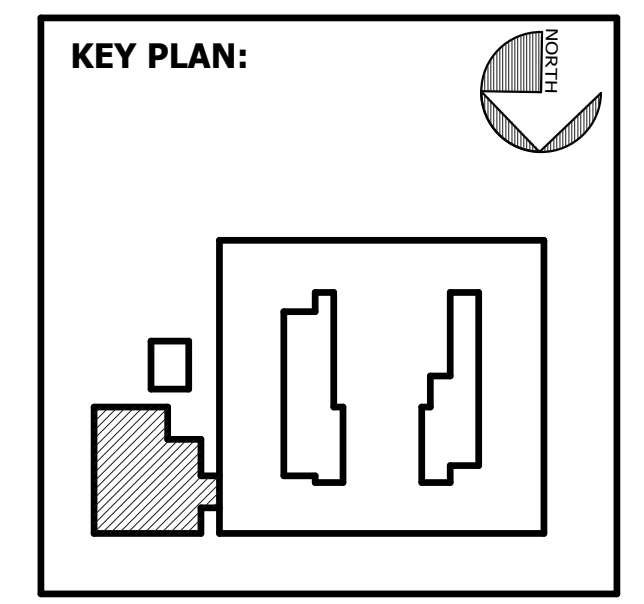
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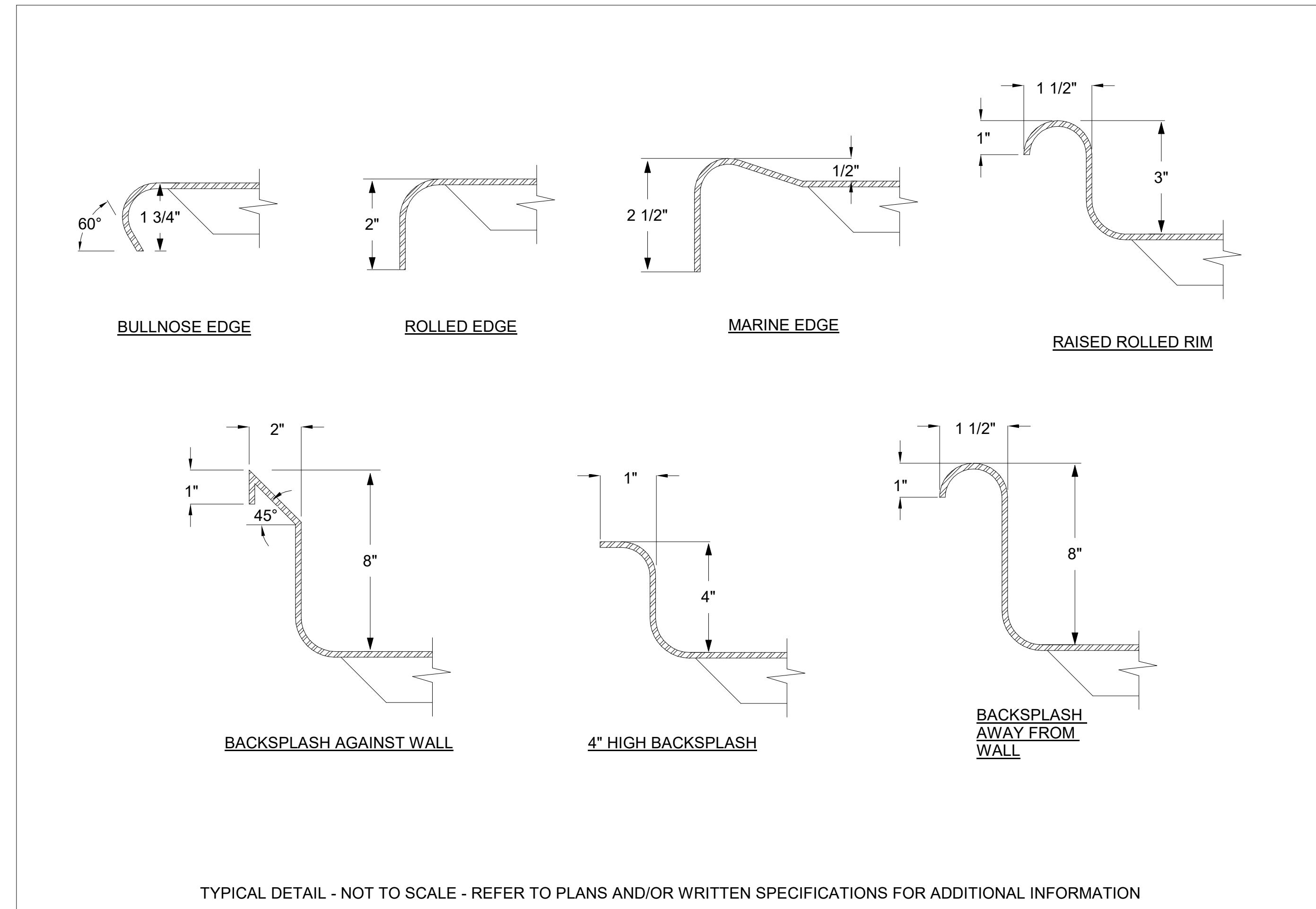


SHEET TITLE:
FOODSERVICE
CUSTOM
FABRICATION
PLAN

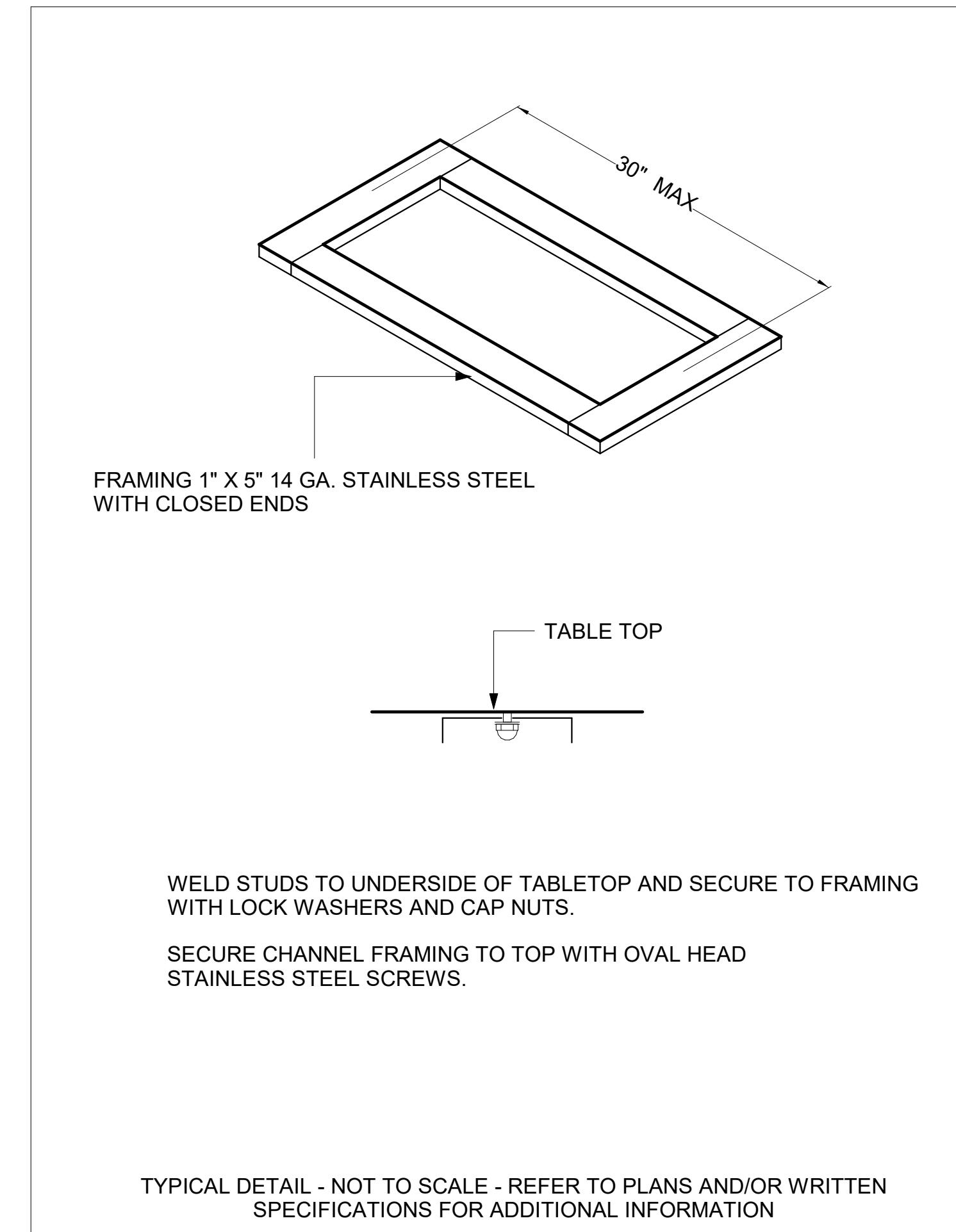
REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: Author
SCALE: 1/4" = 1'-0"
SHEET: **K700**

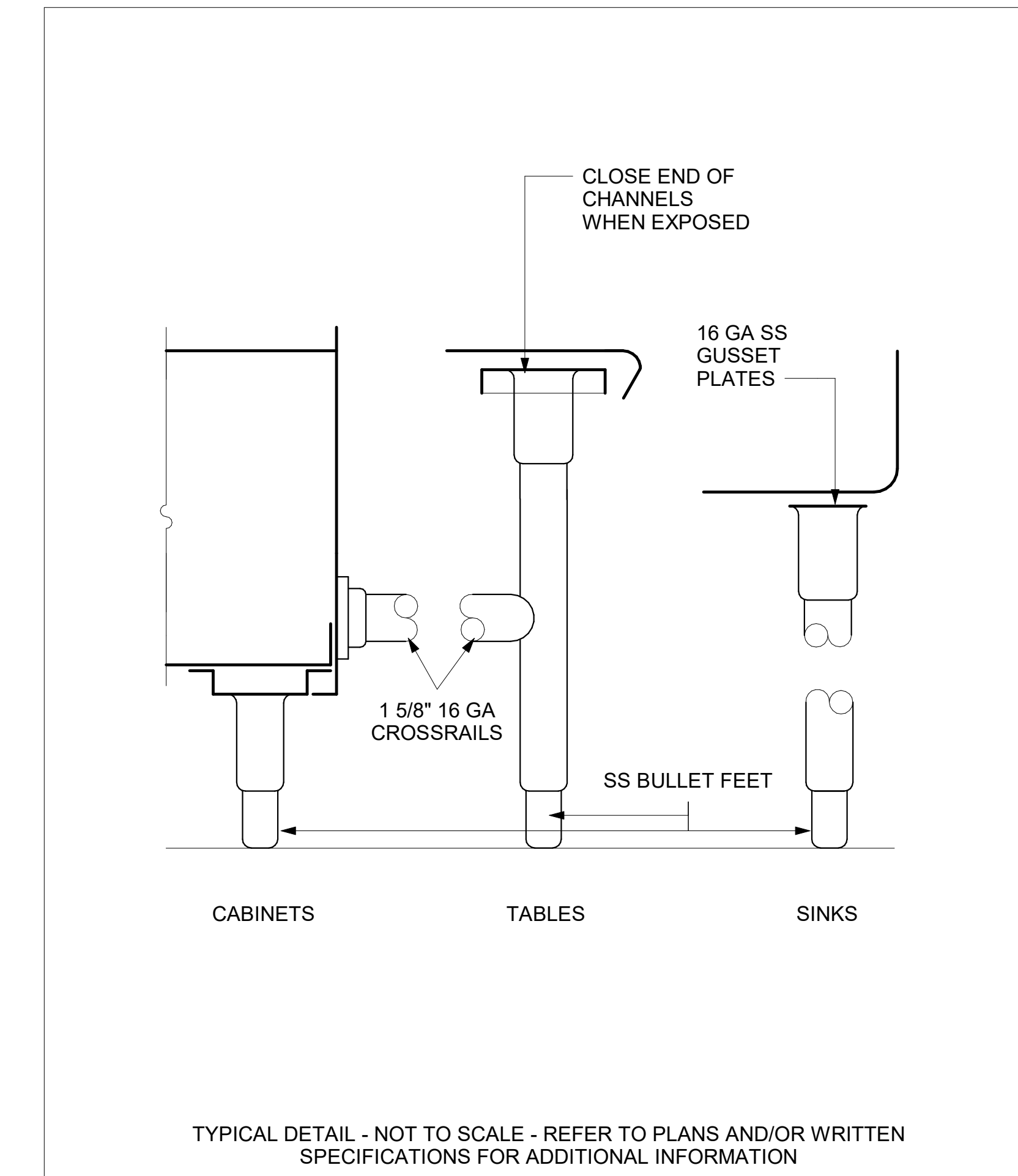




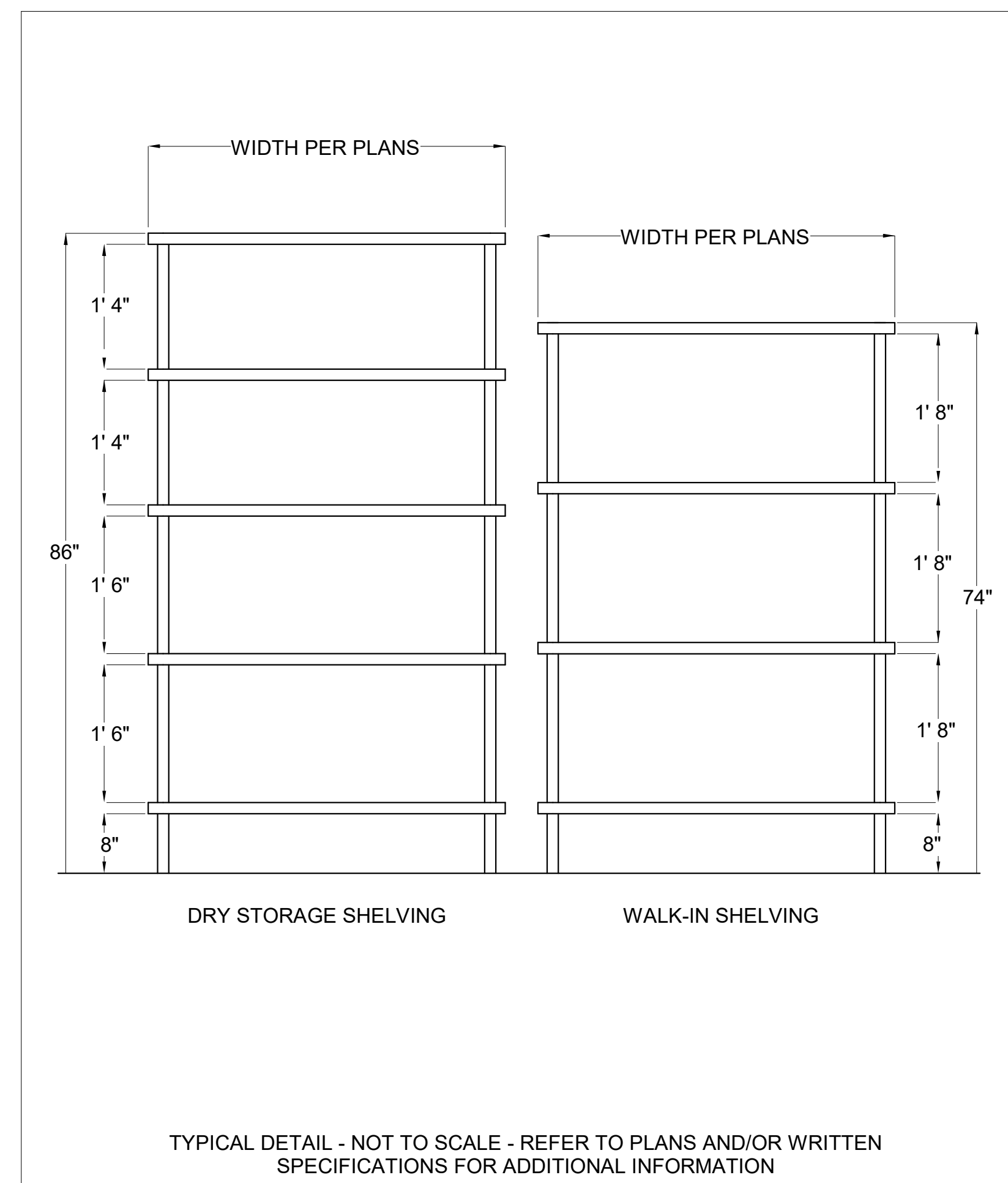
1 TABLE TOP CONSTRUCTION DETAIL
NOT TO SCALE



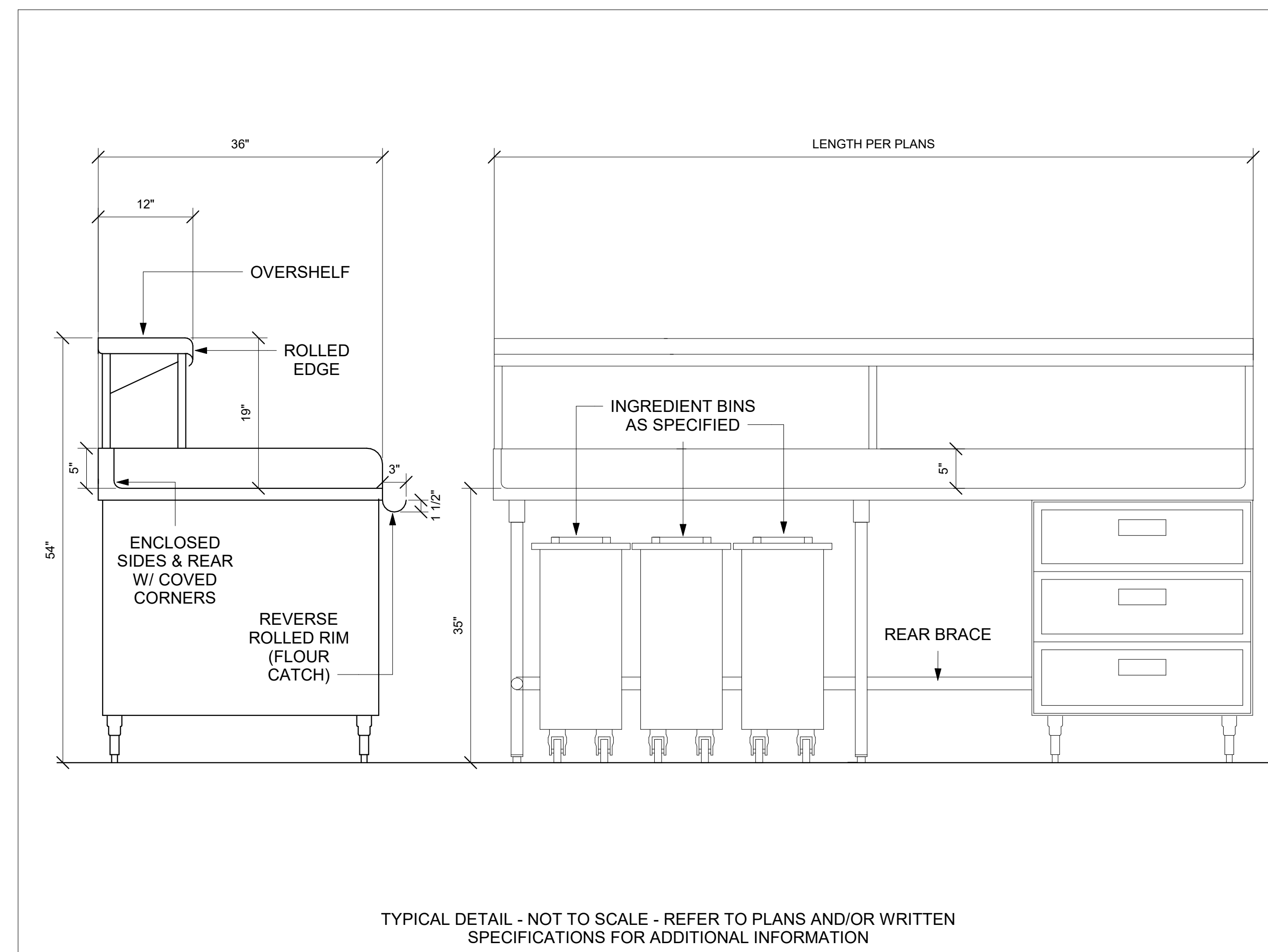
2 TABLE TOP BRACING DETAIL
NOT TO SCALE



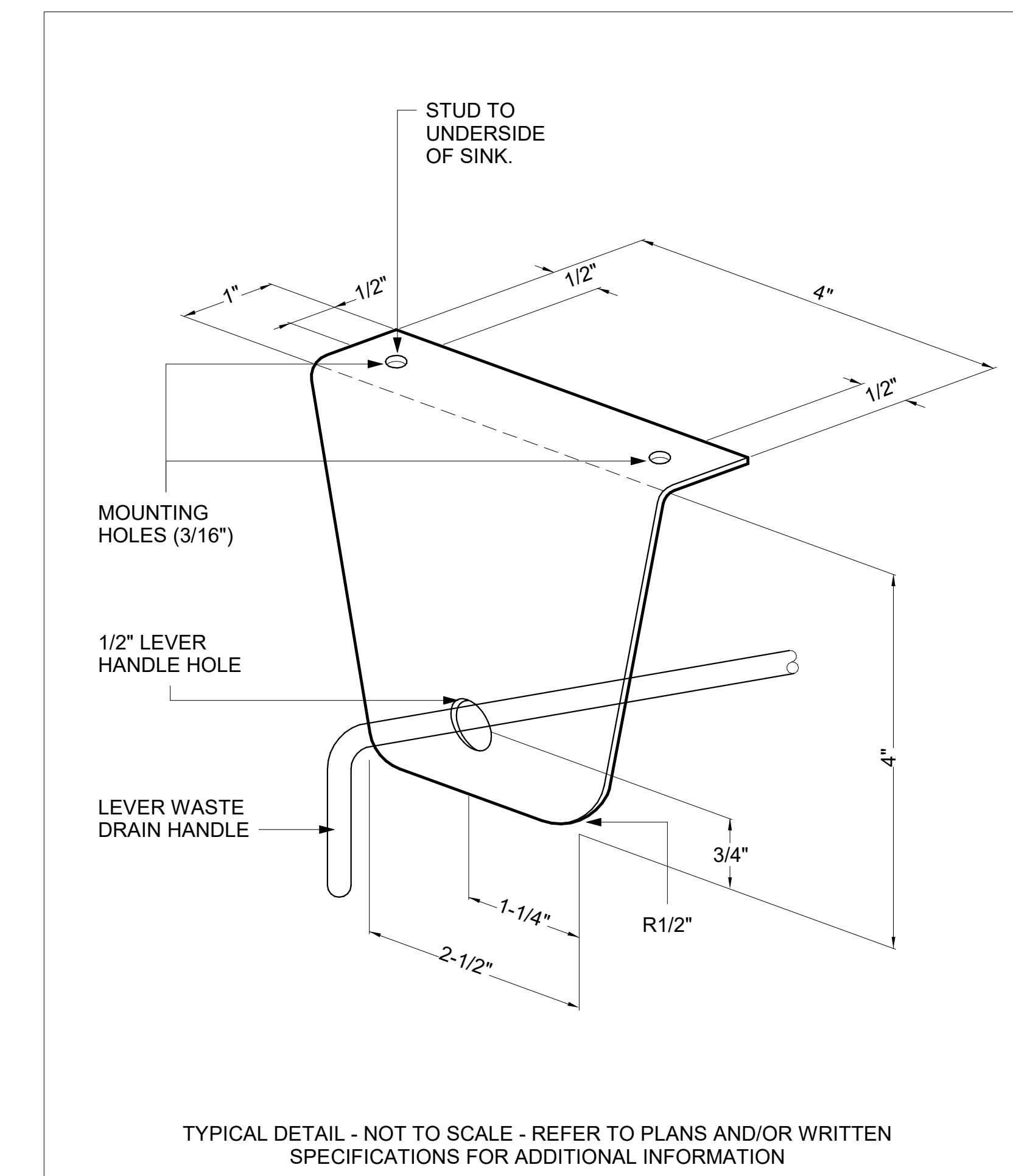
3 LEGS AND CROSS-BRACING DETAIL
NOT TO SCALE



4 SHELF SPACING DETAIL
NOT TO SCALE



5 BAKERS TABLE SECTION DETAIL
NOT TO SCALE



6 LEVER WASTE BRACKET DETAIL
NOT TO SCALE



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

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tel 912.234.6318
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SEAL:

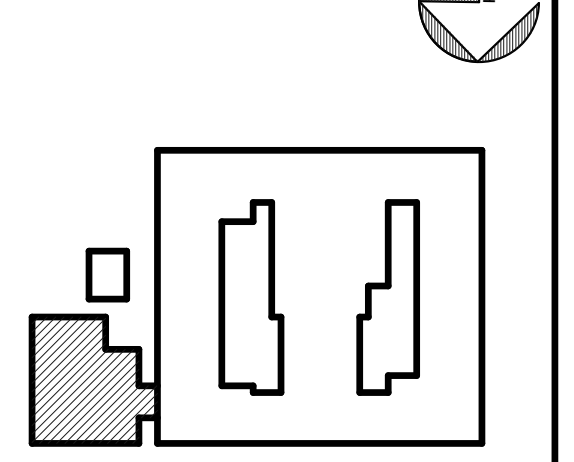
PROJECT CONSULTANTS:

CIVIL ENGINEER
**MAXWELL-REDDICK &
ASSOCIATES**
40 JOE KENNEDY BLVD.
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MECHANICAL & ELECTRICAL ENGINEER:
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ENGINEERS**
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

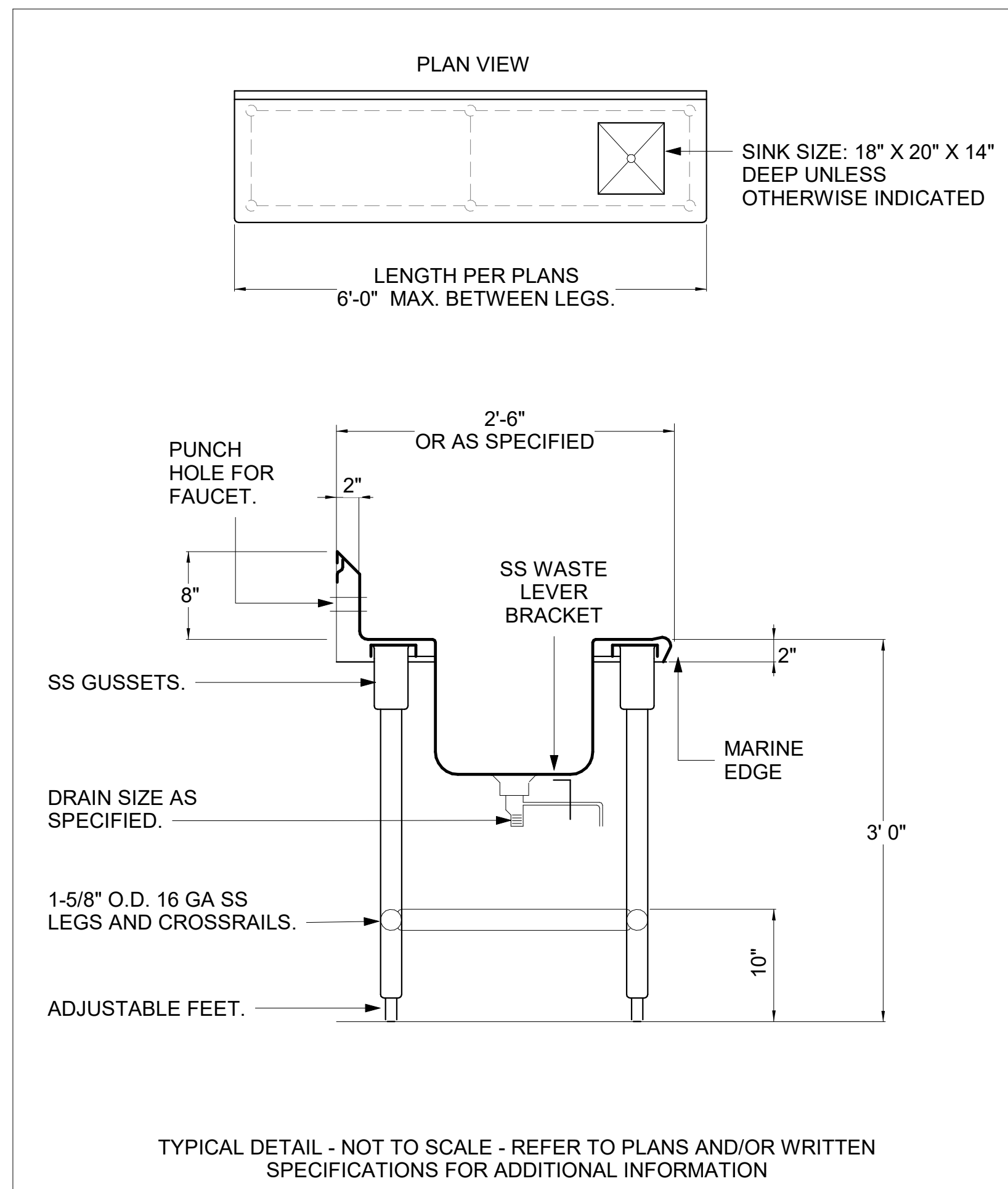
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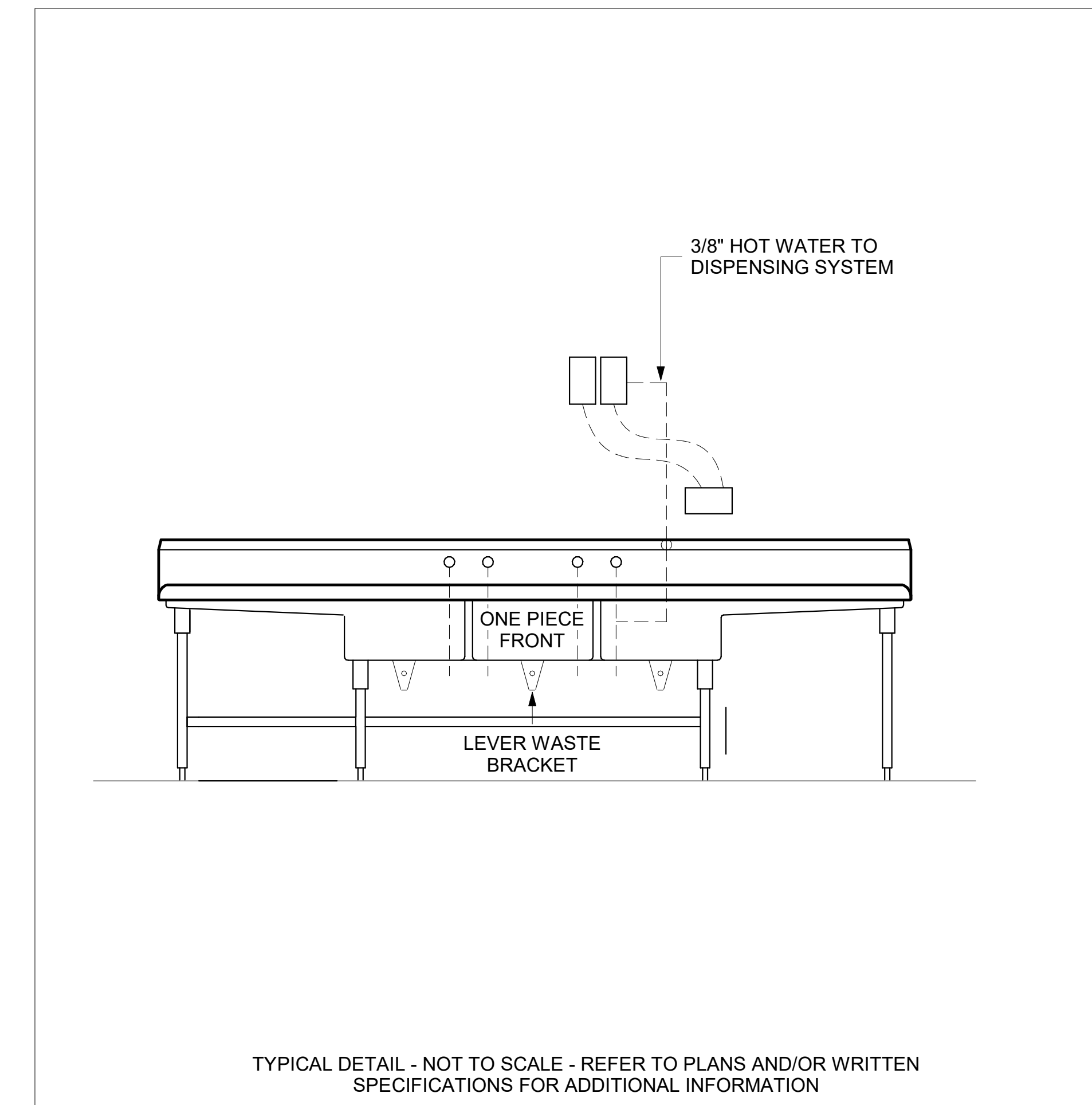
SHEET TITLE:
**FOODSERVICE
STANDARD
DETAILS**

REVISION SCHEDULE	
DATE	DESCRIPTION

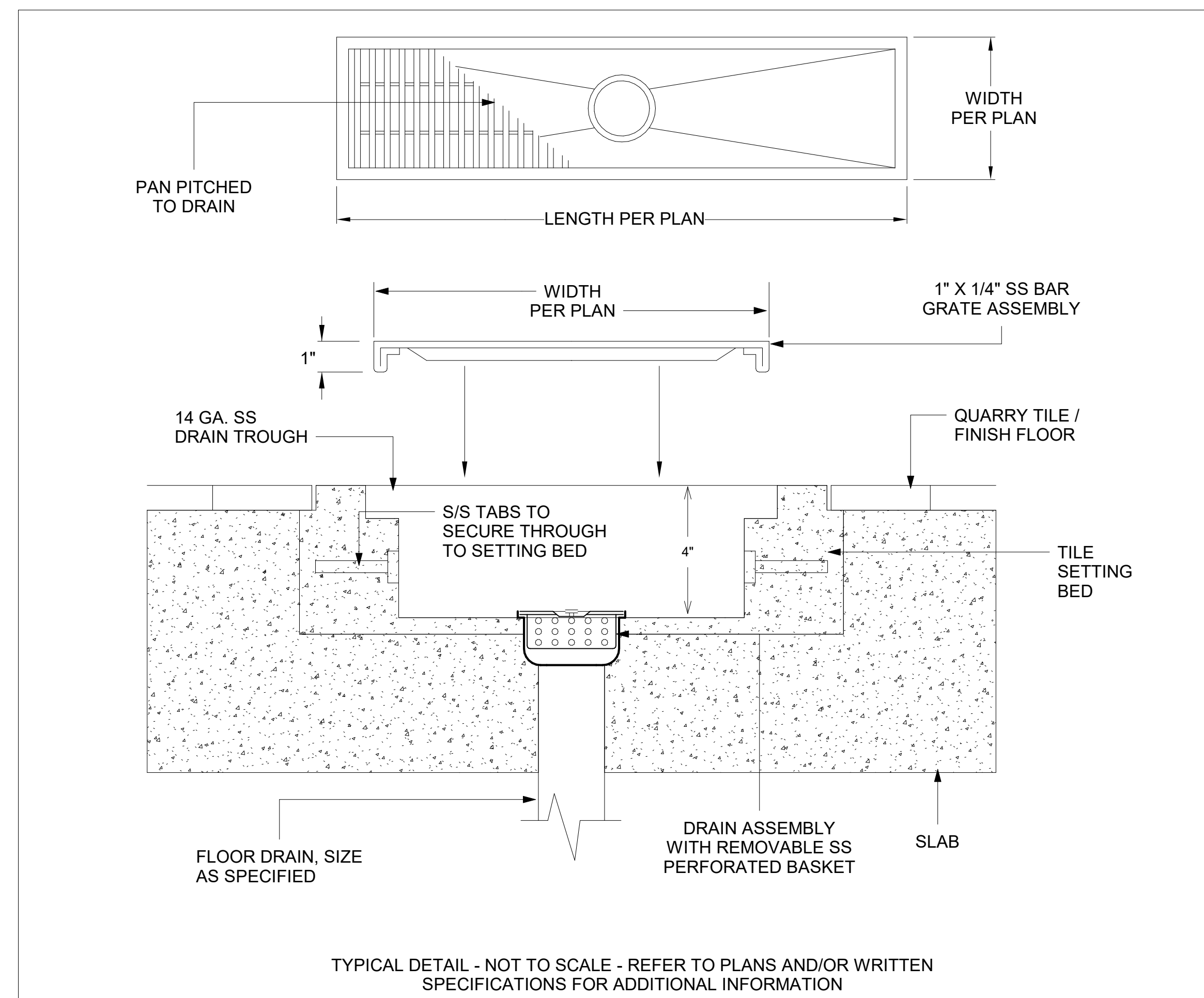
PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: Author
SCALE: As indicated
SHEET: **K701**



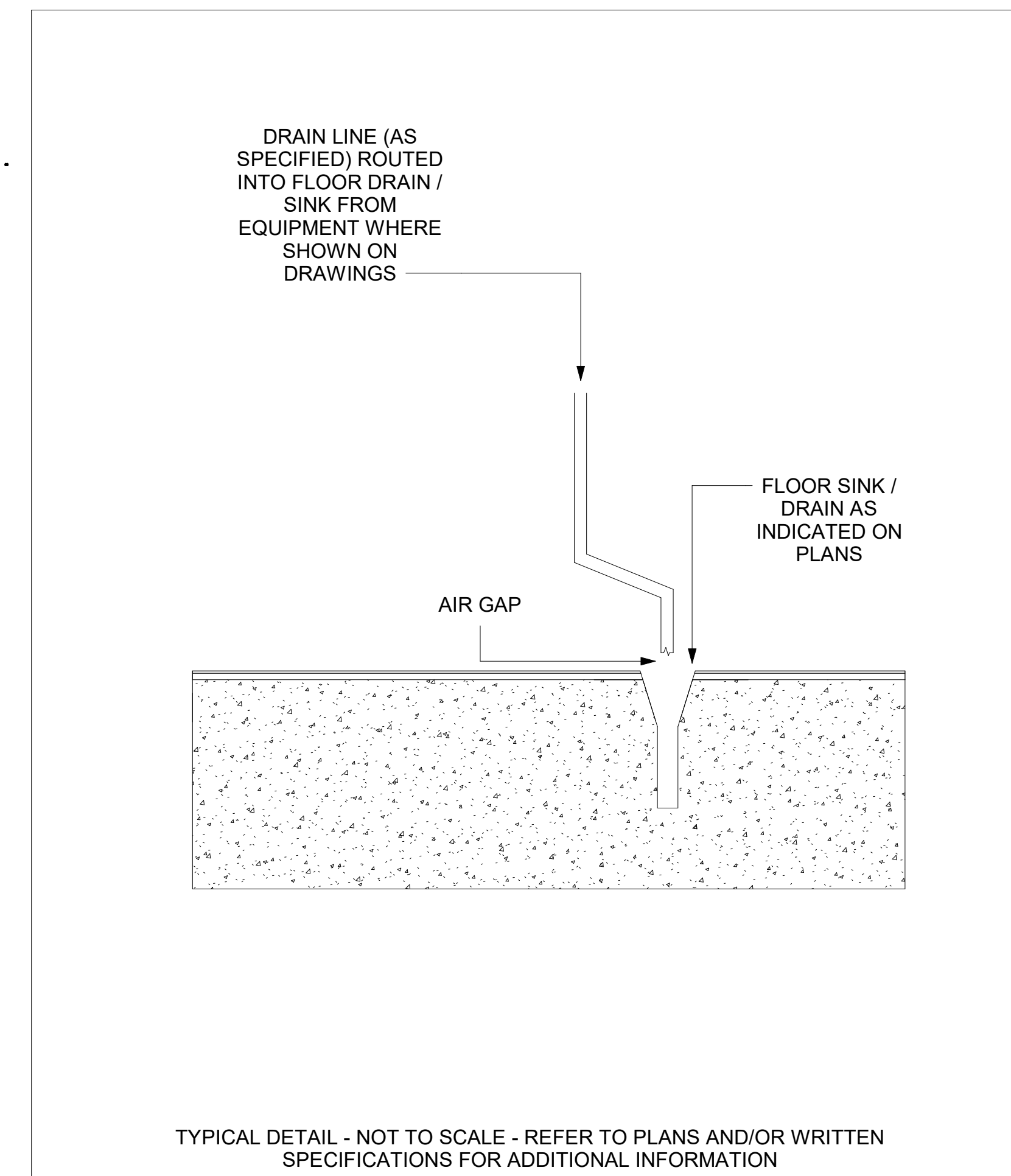
1 WORKTABLE W/ SINK DETAIL
NOT TO SCALE



2 3 COMPARTMENT SINK - CHEMICAL DISPENSING UNIT DETAIL
NOT TO SCALE



3 FLOOR TROUGH DETAIL
NOT TO SCALE



4 INDIRECT WASTE / AIR GAP DETAIL
NOT TO SCALE

**VOL. II SAVANNAH ARTS
ACADEMY ADDITION**
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SAVANNAH, GEORGIA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

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SAVANNAH, GEORGIA 31401
tel 912.234.6318
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cogdellmendrala.com

SEAL:

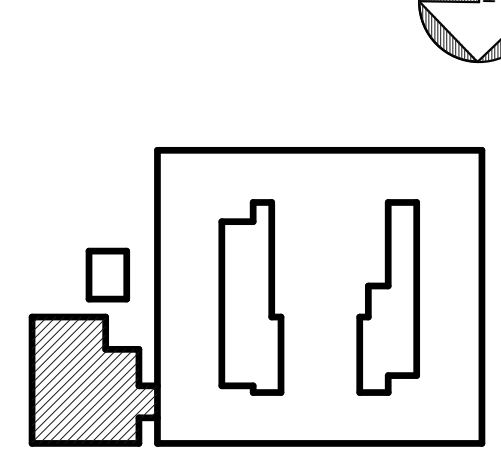
PROJECT CONSULTANTS:

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**MAXWELL-REDDICK &
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40 JOE KENNEDY BLVD.
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ENGINEERS**
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

KEY PLAN:

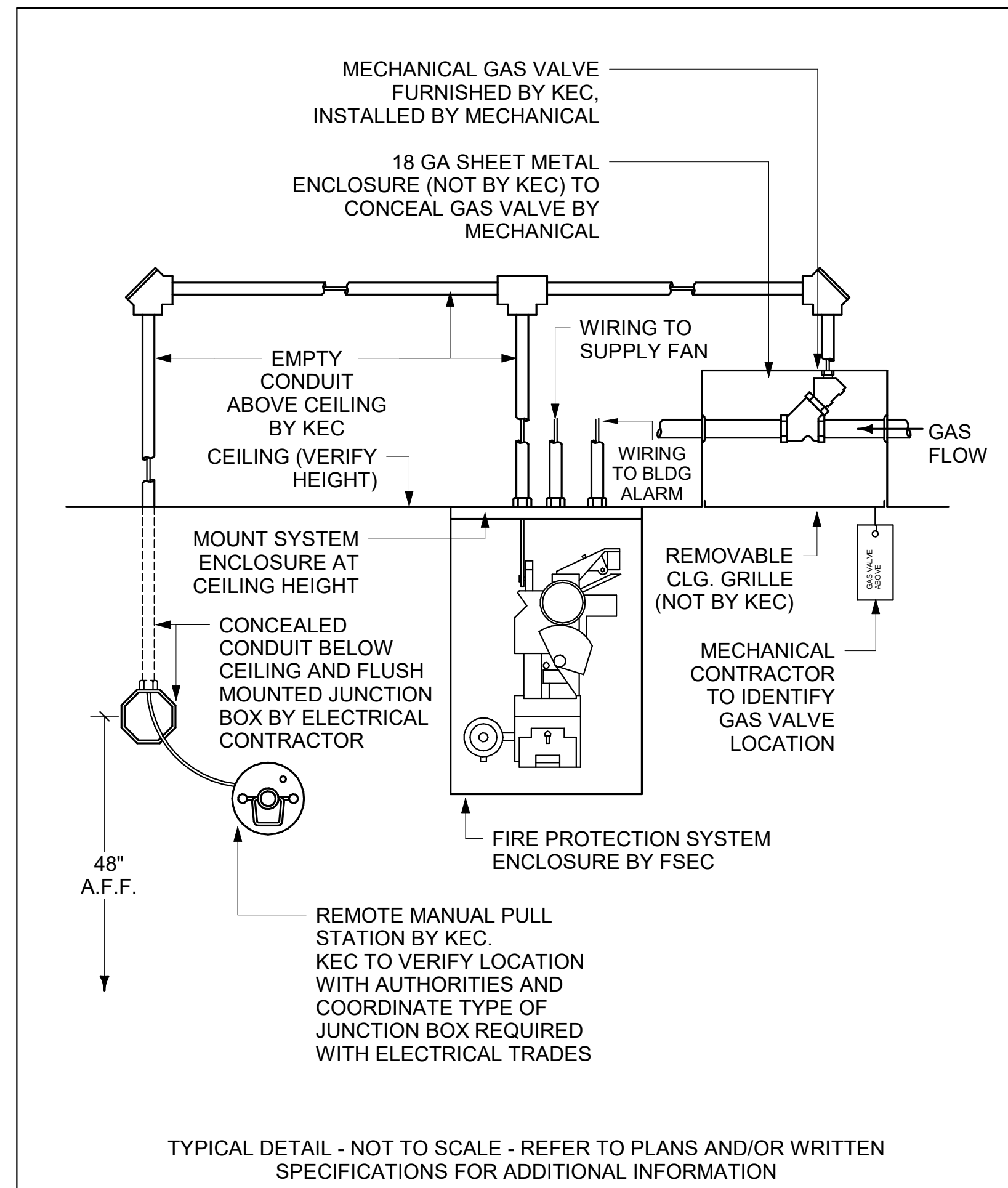


**SHEET TITLE:
FOODSERVICE
STANDARD
DETAILS**

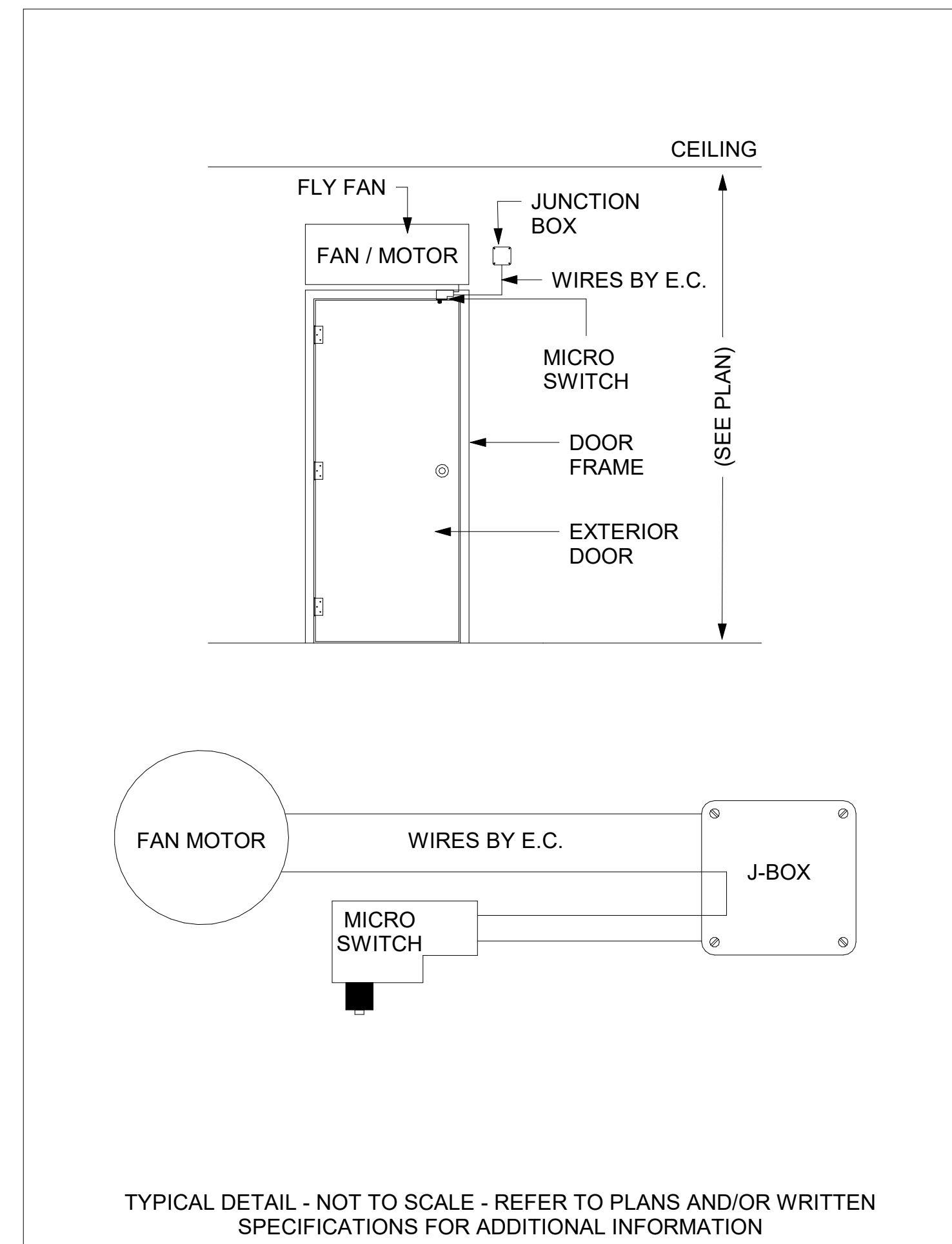
REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: Author
SCALE: As indicated
SHEET: **K702**

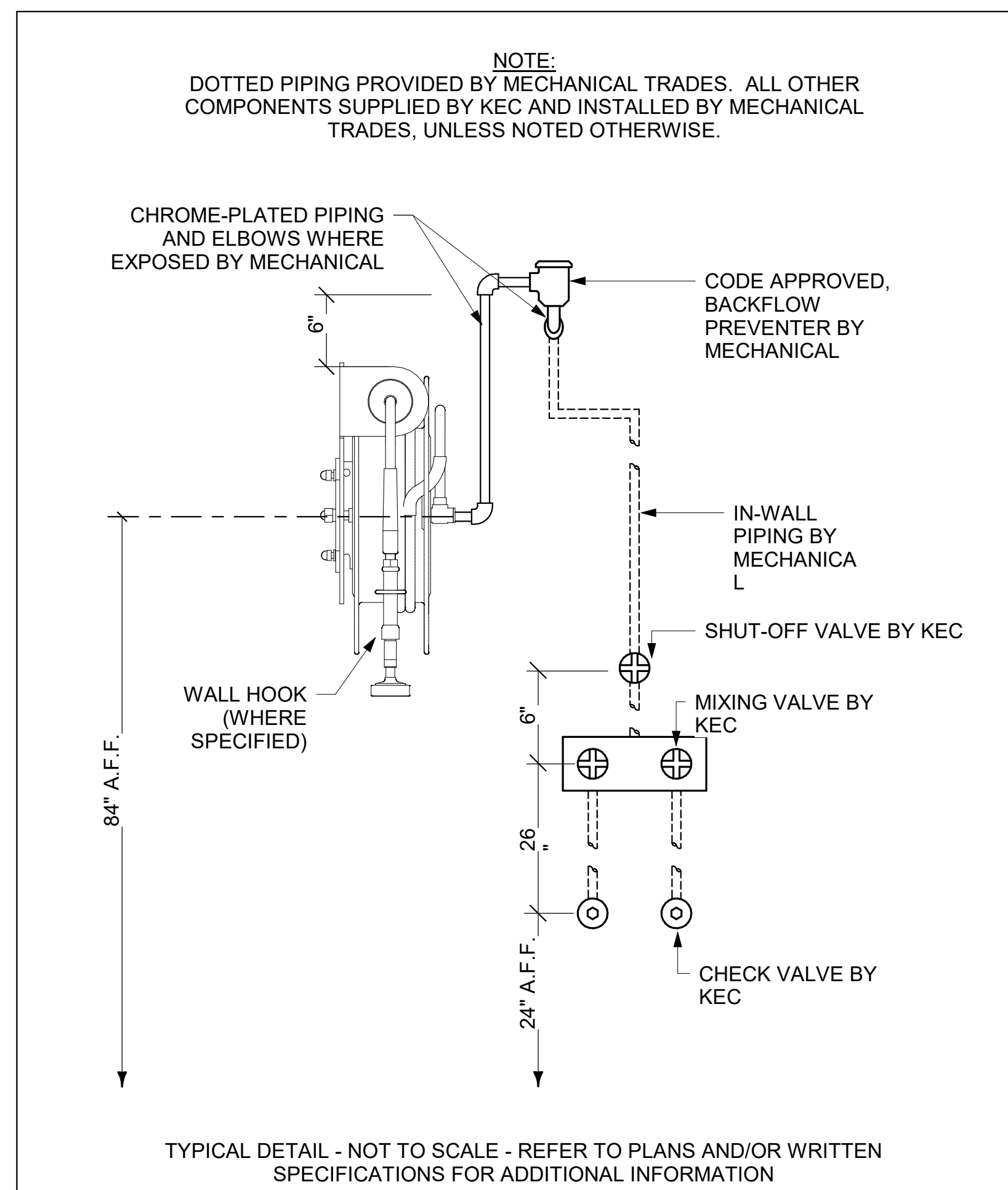




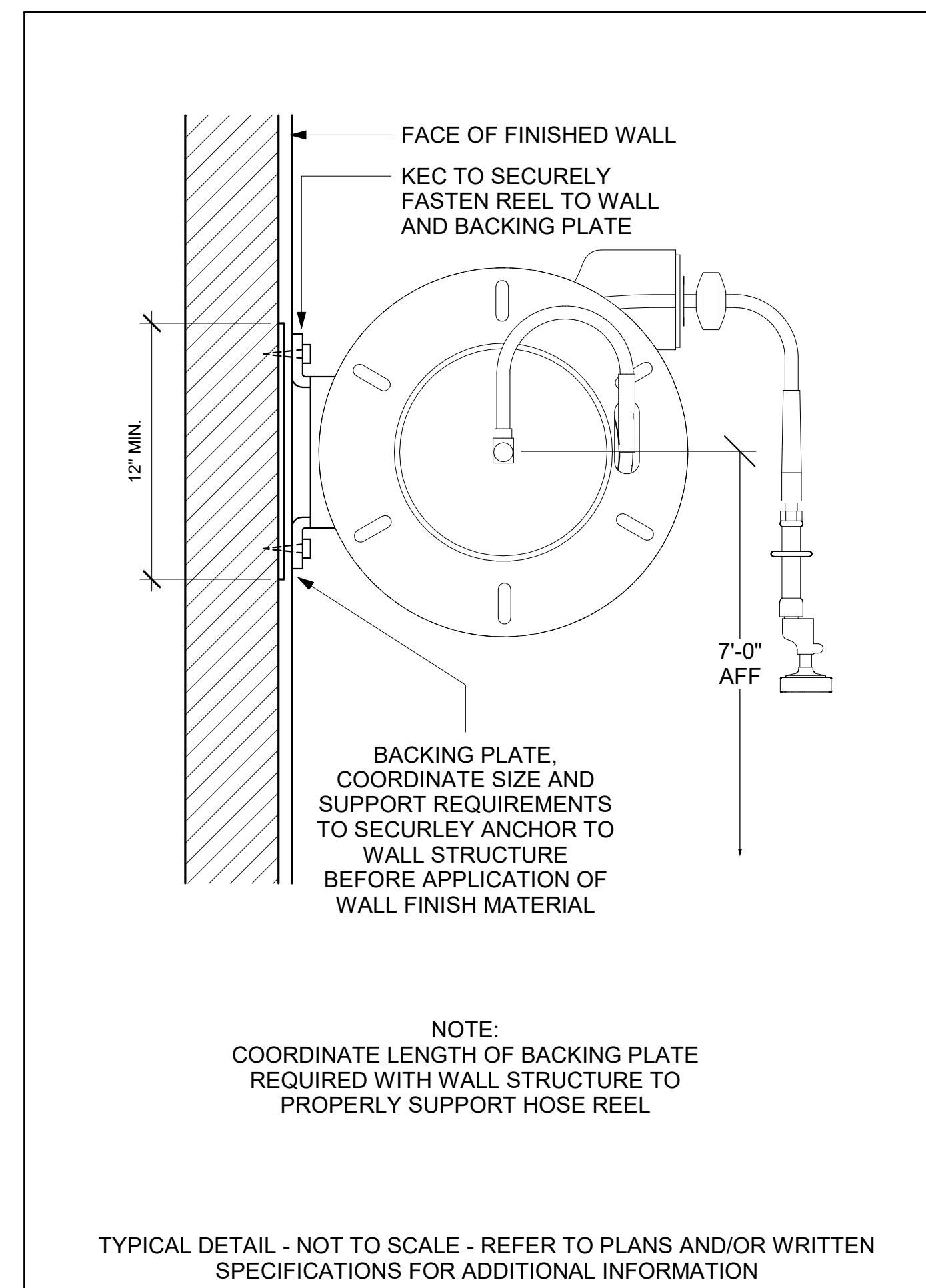
1 MANUAL PULL FIRE PROTECTION DETAIL
K703 NOT TO SCALE



2 FLY FAN DETAIL
K703 NOT TO SCALE



3 HOSE REEL MIXING VALVE DETAIL
K703 NOT TO SCALE



4 HOSE REEL MOUNTING DETAIL
K703 NOT TO SCALE

VOL. II SAVANNAH ARTS ACADEMY ADDITION
500 WASHINGTON AVENUE SAVANNAH, GEORGIA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO #: C22-01

Cogdell Mendrala Architects
COGDELL & MENDRALA ARCHITECTS, PC
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tel 912.234.6318
fax 912.236.8414
cogdel@mendrala.com

SEAL:

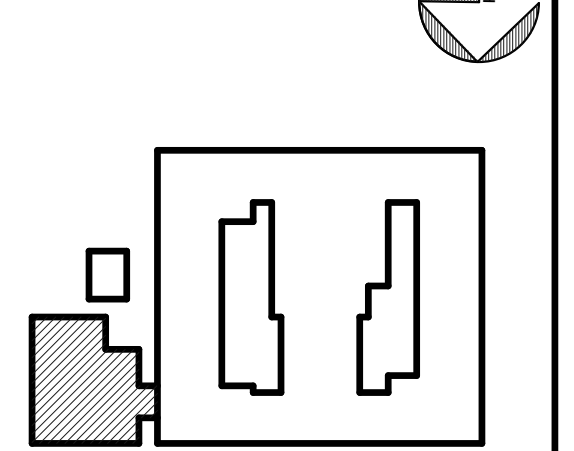
PROJECT CONSULTANTS:

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40 JOE KENNEDY BLVD.
STATESBORO, GA 30458

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DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406

KEY PLAN:



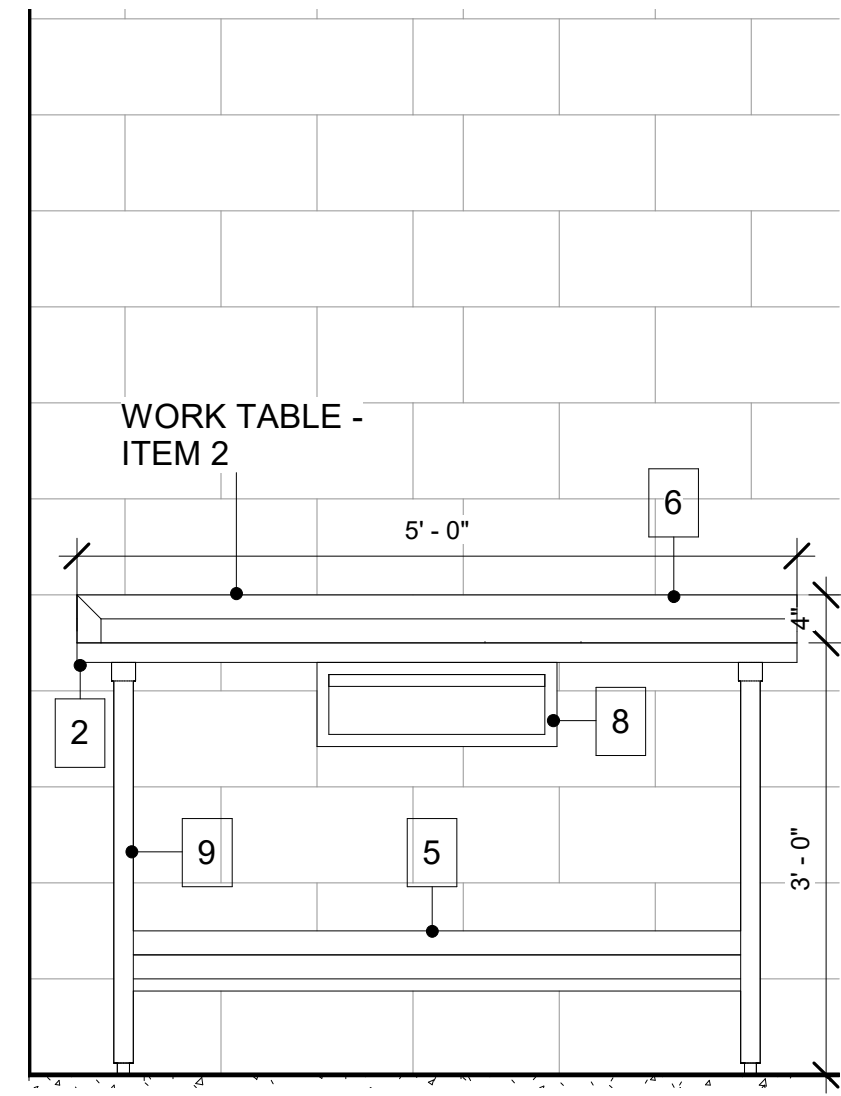
SHEET TITLE:
FOODSERVICE STANDARD DETAILS

REVISION SCHEDULE	
DATE	DESCRIPTION

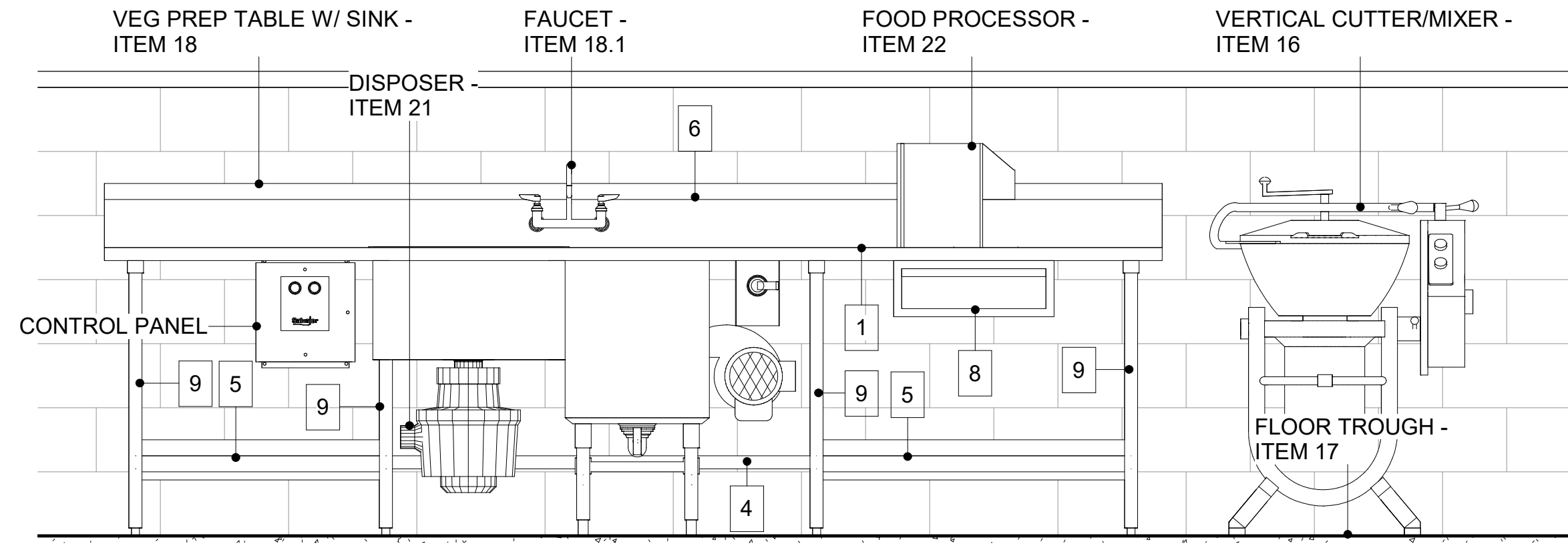
PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: Author
SCALE: As indicated

SHEET: **K703**

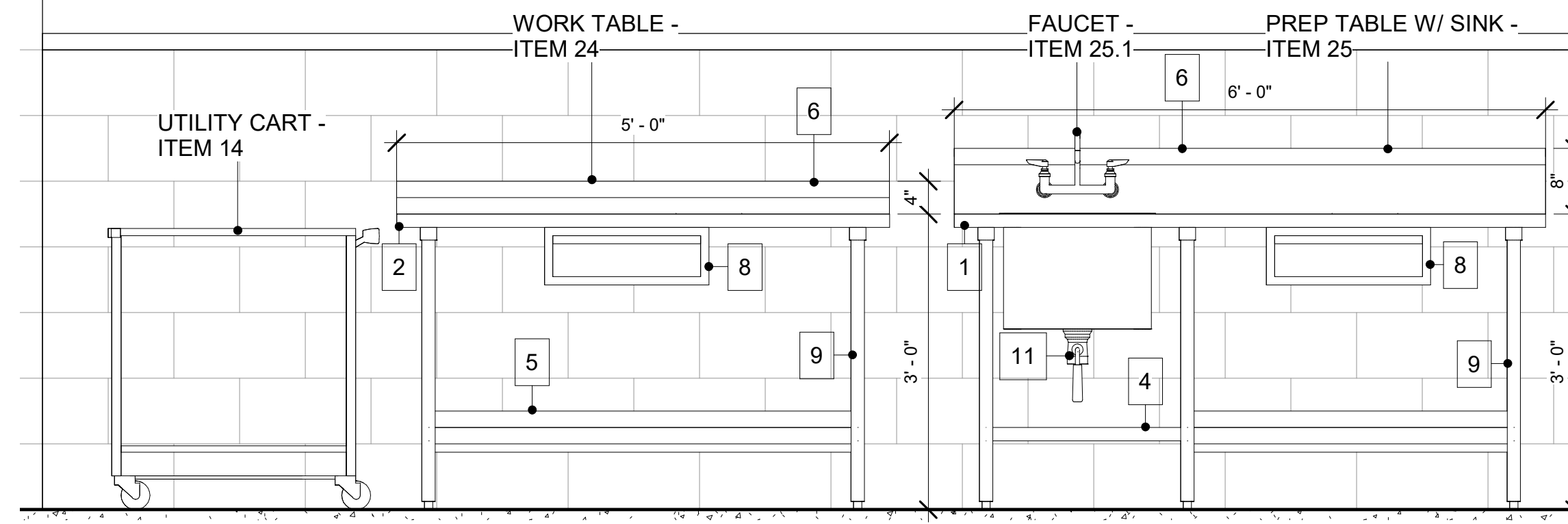
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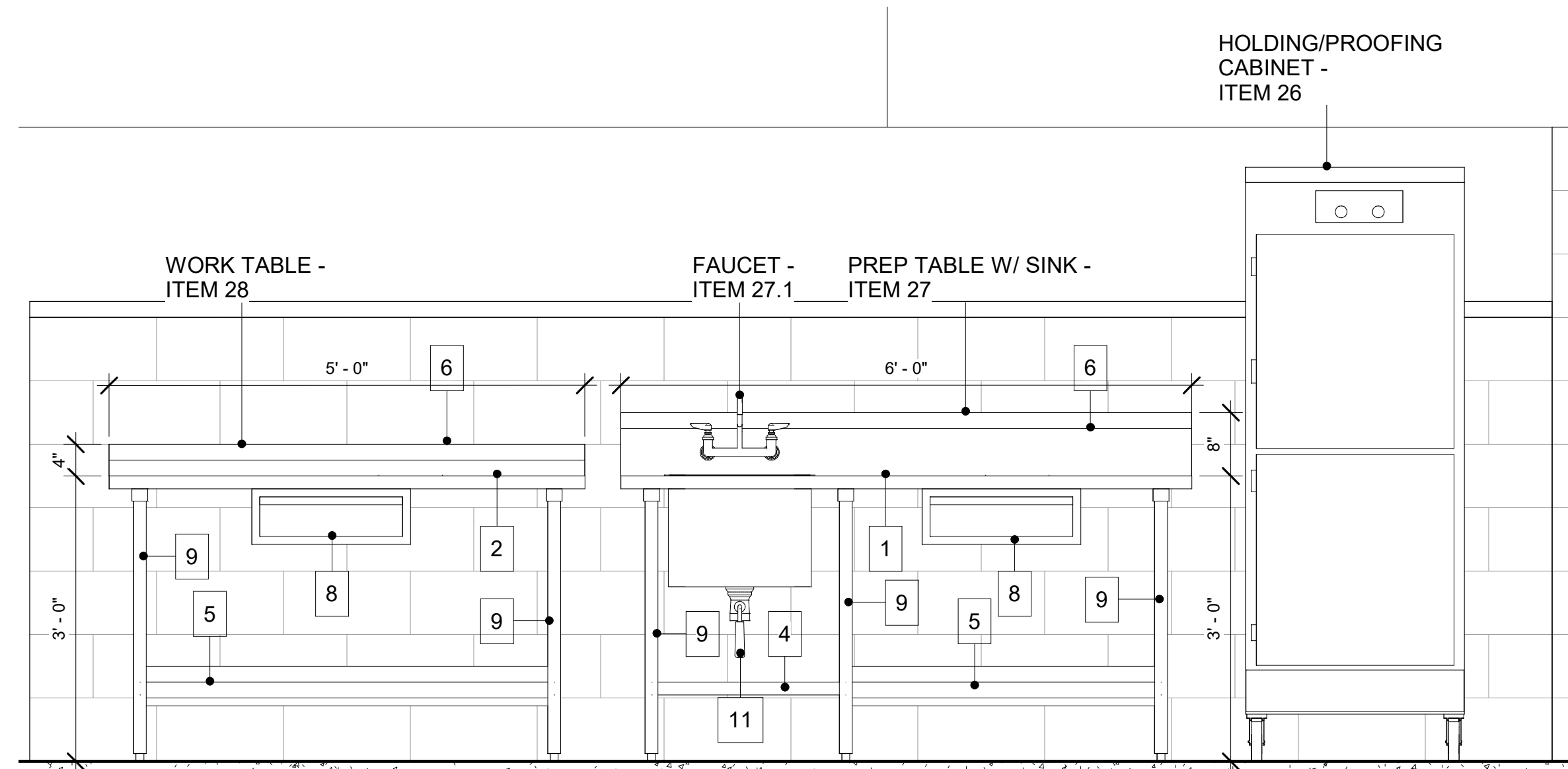
1 WORKTABLE - ITEM 2
3/4" = 1'-0"



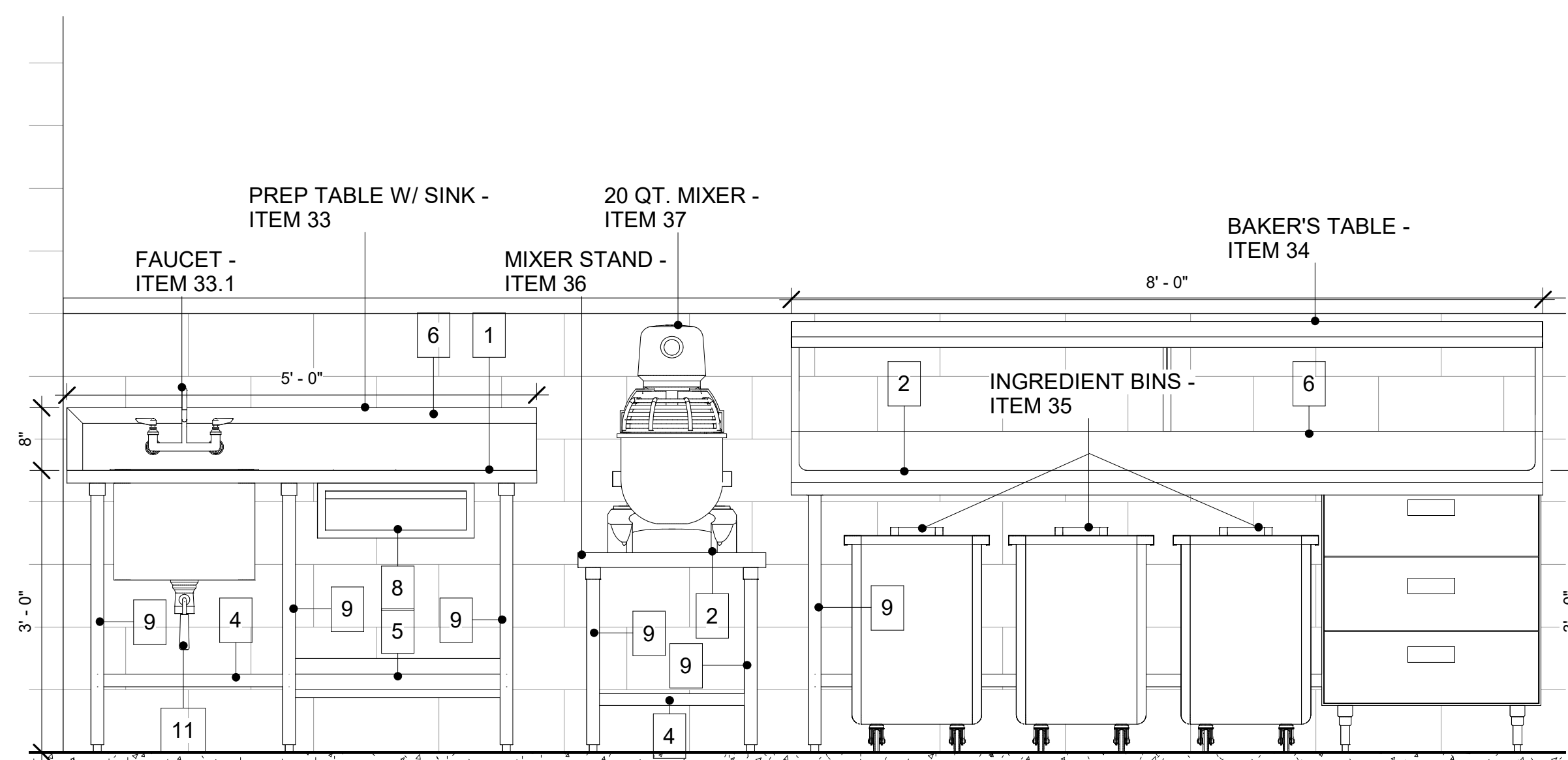
2 PREP TABLE W/ SINKS - ITEM 18
3/4" = 1'-0"



3 PREP TABLE W/ SINK - ITEM 25
3/4" = 1'-0"

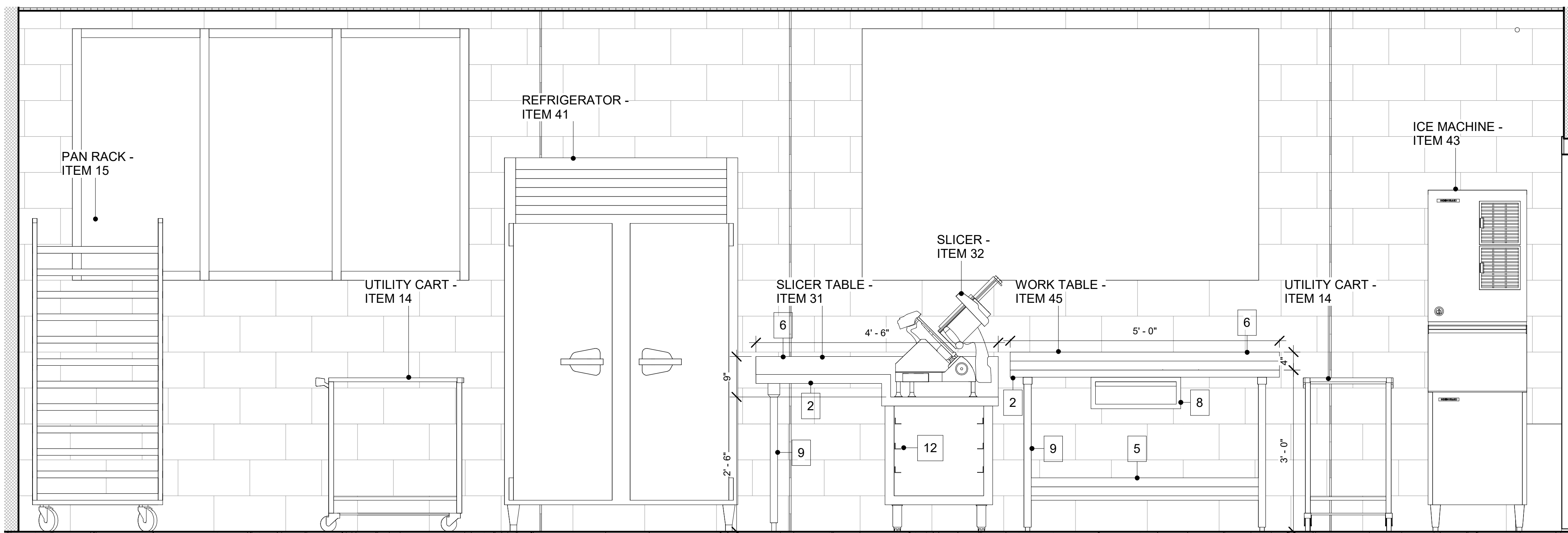


4 PREP TABLE W/ SINK - ITEM 27
3/4" = 1'-0"

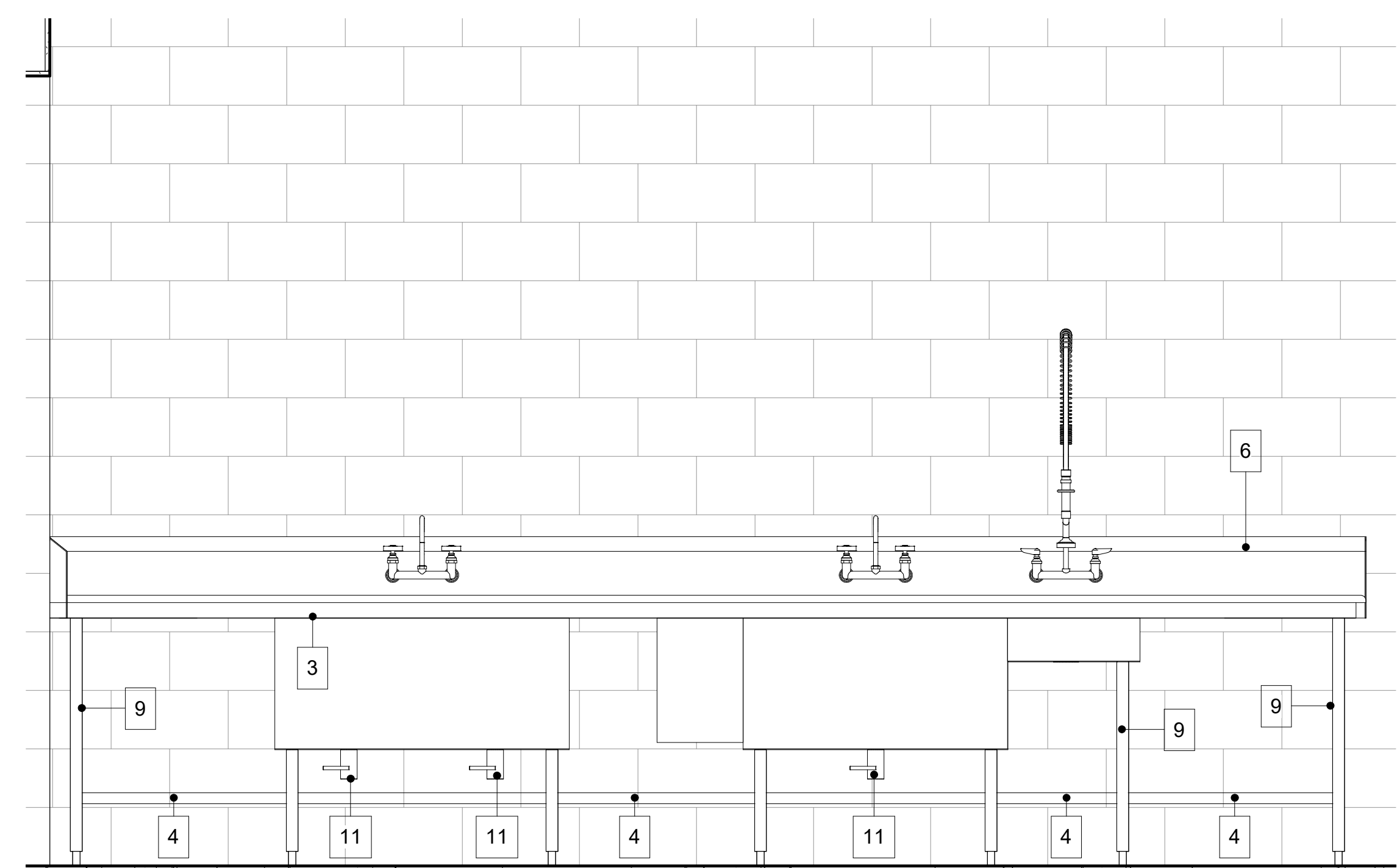


5 BAKER'S TABLE - ITEM 34
3/4" = 1'-0"

KEY NOTES	
1	STAINLESS STEEL COUNTER WITH MARINE EDGES
2	STAINLESS STEEL COUNTER WITH ROLLED EDGES
3	STAINLESS STEEL COUNTERTOP WITH 3" RAISED RIM
4	SIDE AND REAR CROSSRAILS
5	UNDERSHELF
6	BACKSPLASH
7	SIDE SPLASH
8	DRAWER
9	STAINLESS STEEL LEGS WITH ADJUSTABLE BULLET FEET
10	STAINLESS STEEL LEGS WITH CASTERS
11	LEVER WASTE
12	STAINLESS STEEL SLIDES FOR 18"x26" SHEET PANS.



6 PREP TABLE - ITEM 45
3/4" = 1'-0"



7 POT SINK - ITEM 46
3/4" = 1'-0"

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FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

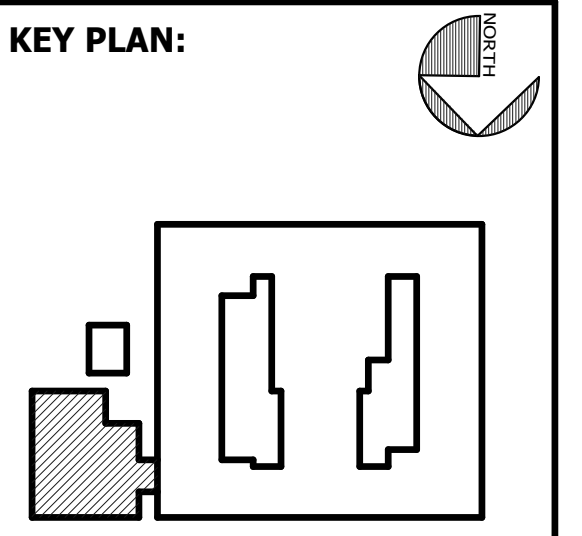
Cogdell Mendrala Architects
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SEAL:

PROJECT CONSULTANTS:
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40 JOE KENNEDY BLVD.
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SUITE 100
SAVANNAH, GA 31406



SHEET TITLE:
FOODSERVICE ELEVATIONS

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: Author
SCALE: As indicated

SHEET: **K800**





FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

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SEAL:

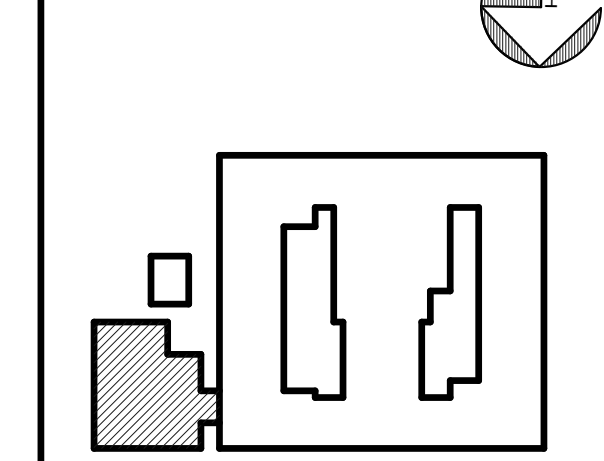
PROJECT CONSULTANTS:

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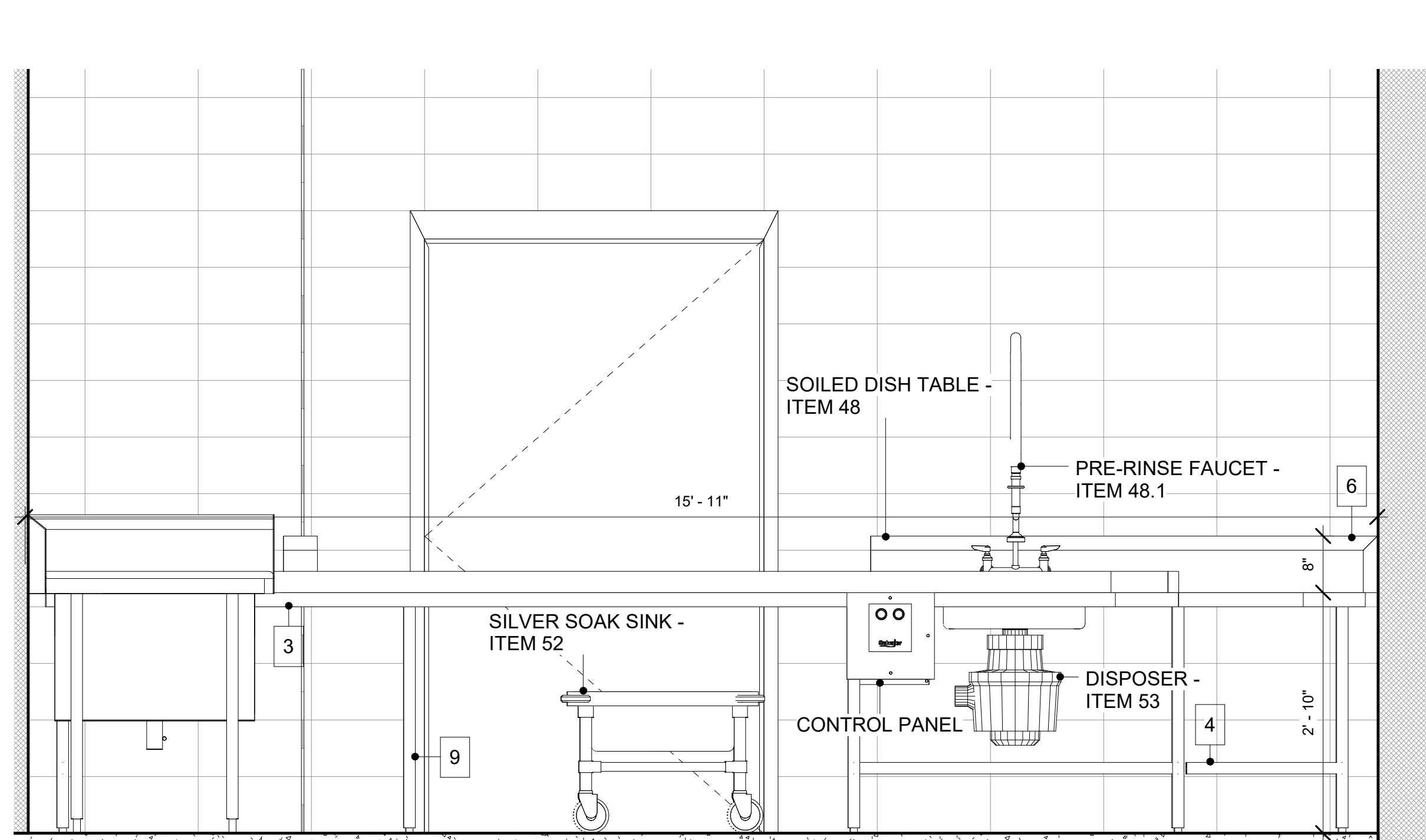
KEY PLAN:



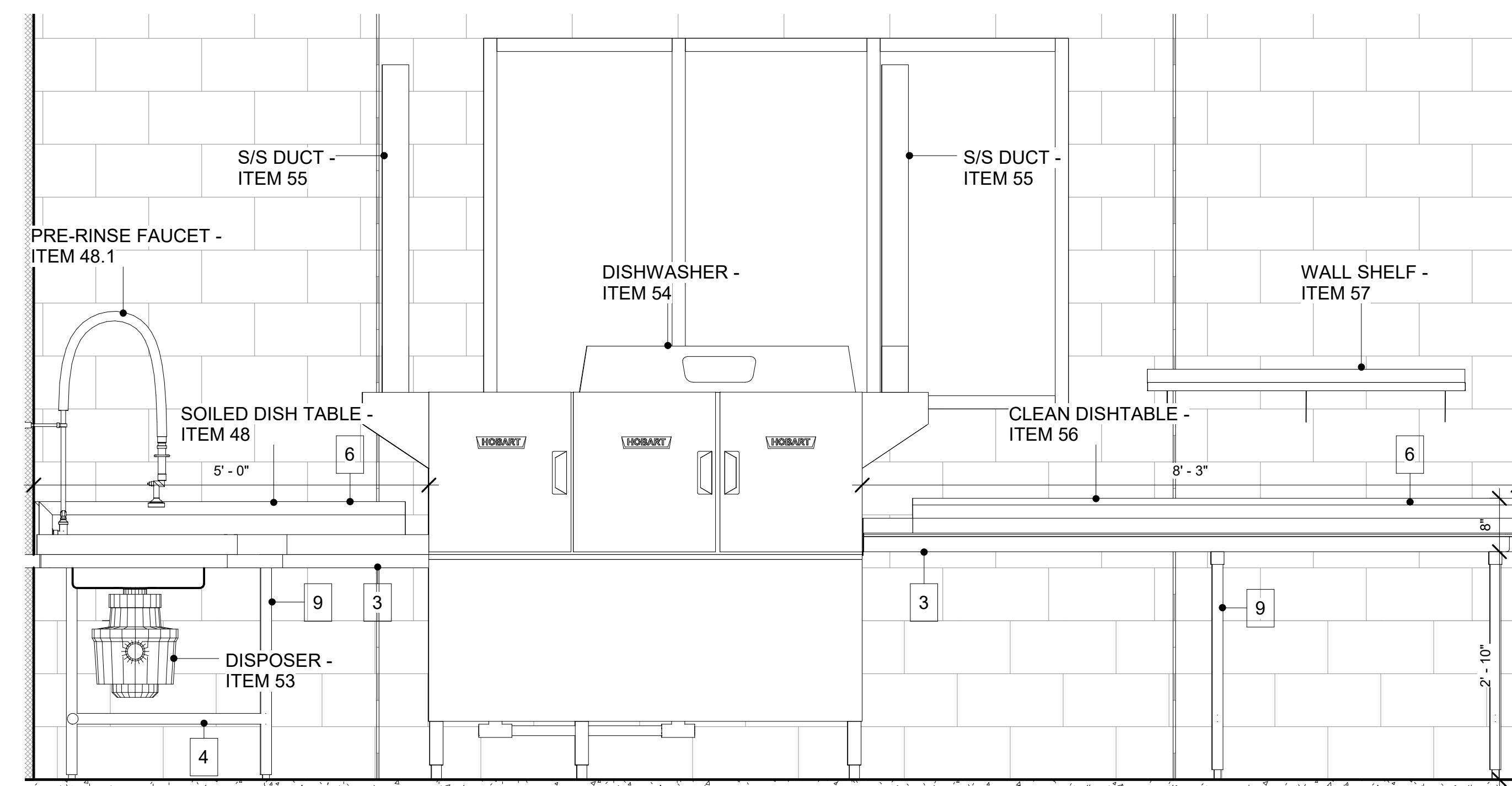
**SHEET TITLE:
FOODSERVICE
ELEVATIONS**

REVISION SCHEDULE	
DATE	DESCRIPTION

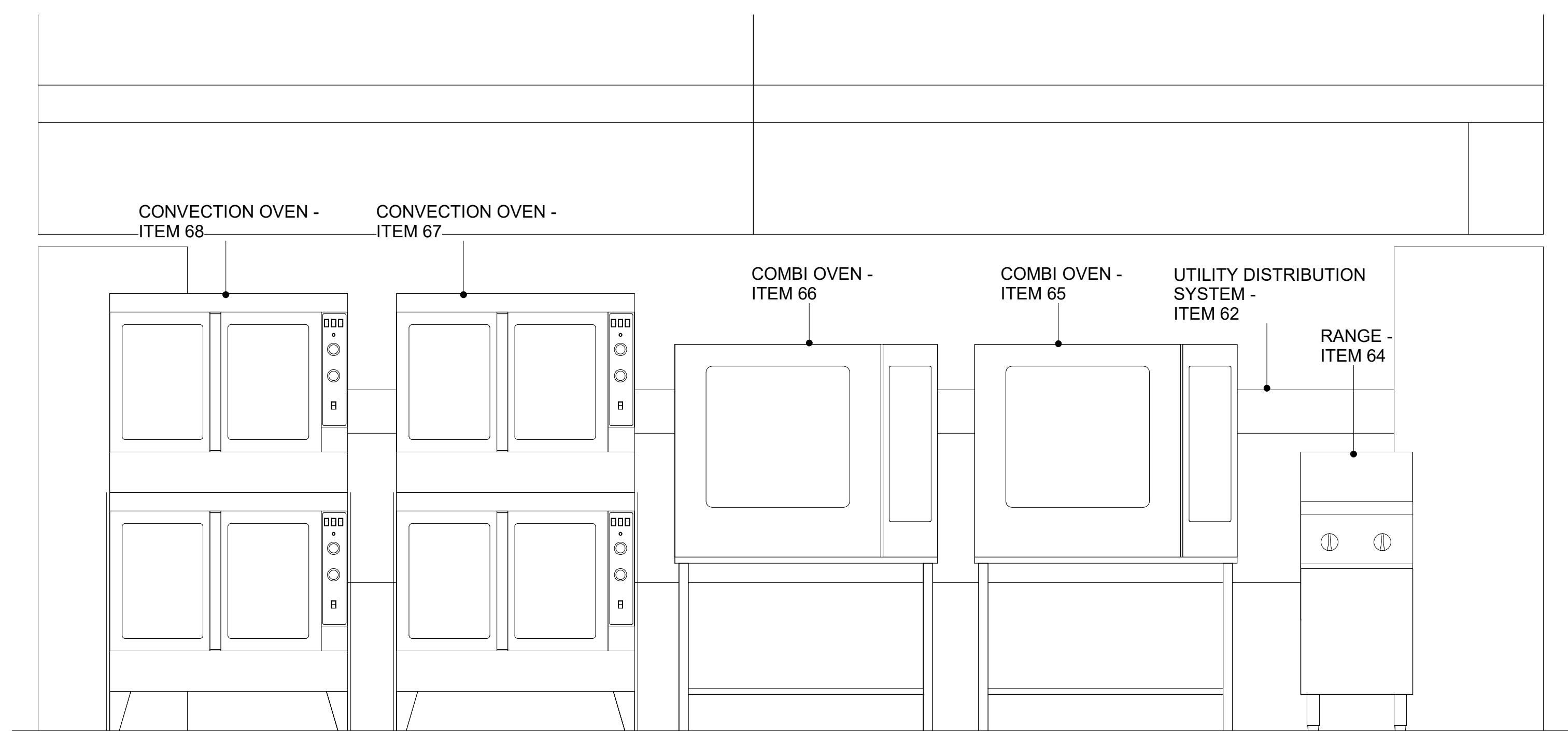
PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: Author
SCALE: As indicated
SHEET: **K801**



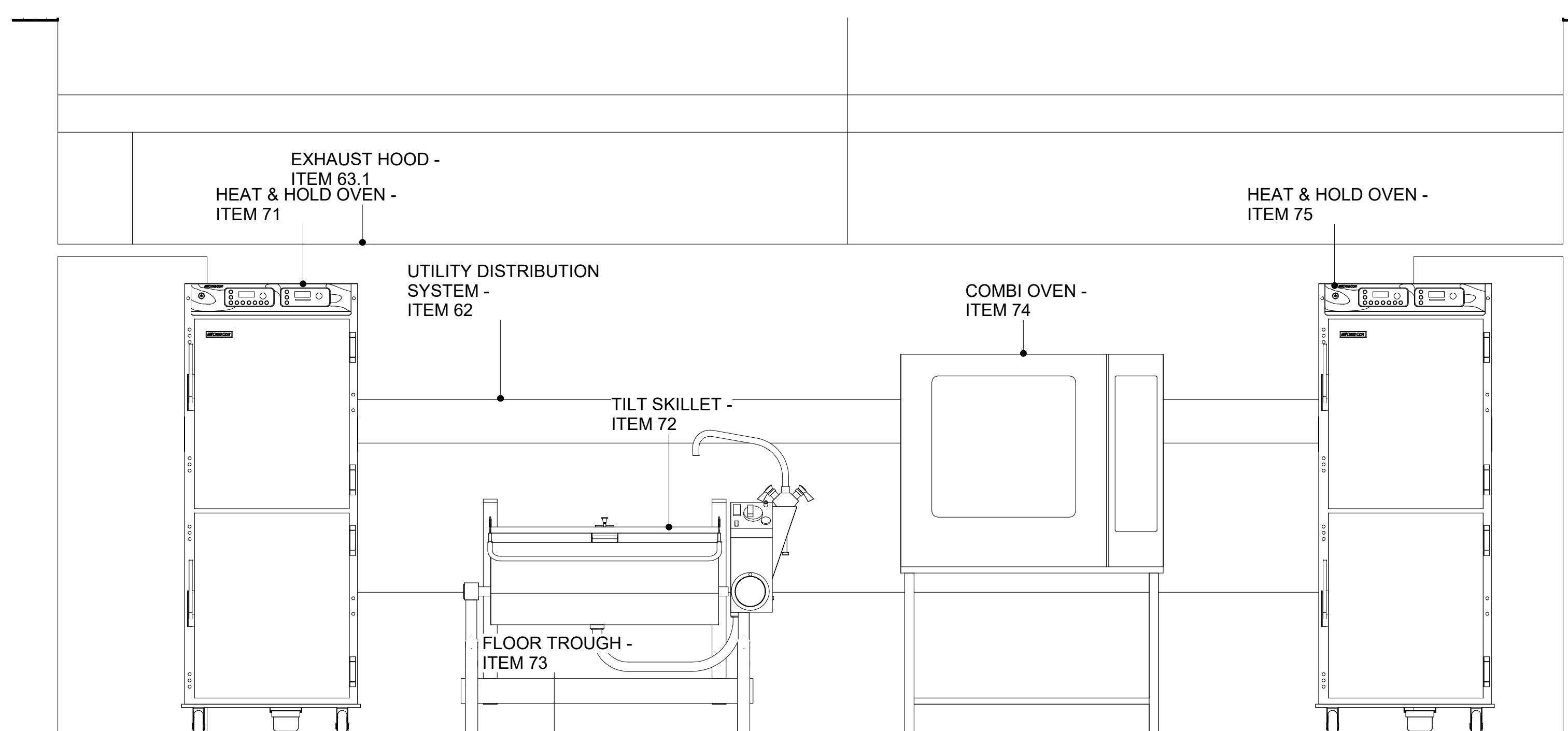
1
K801
SOILED DISHTABLE - ITEM 48
3/4" = 1'-0"



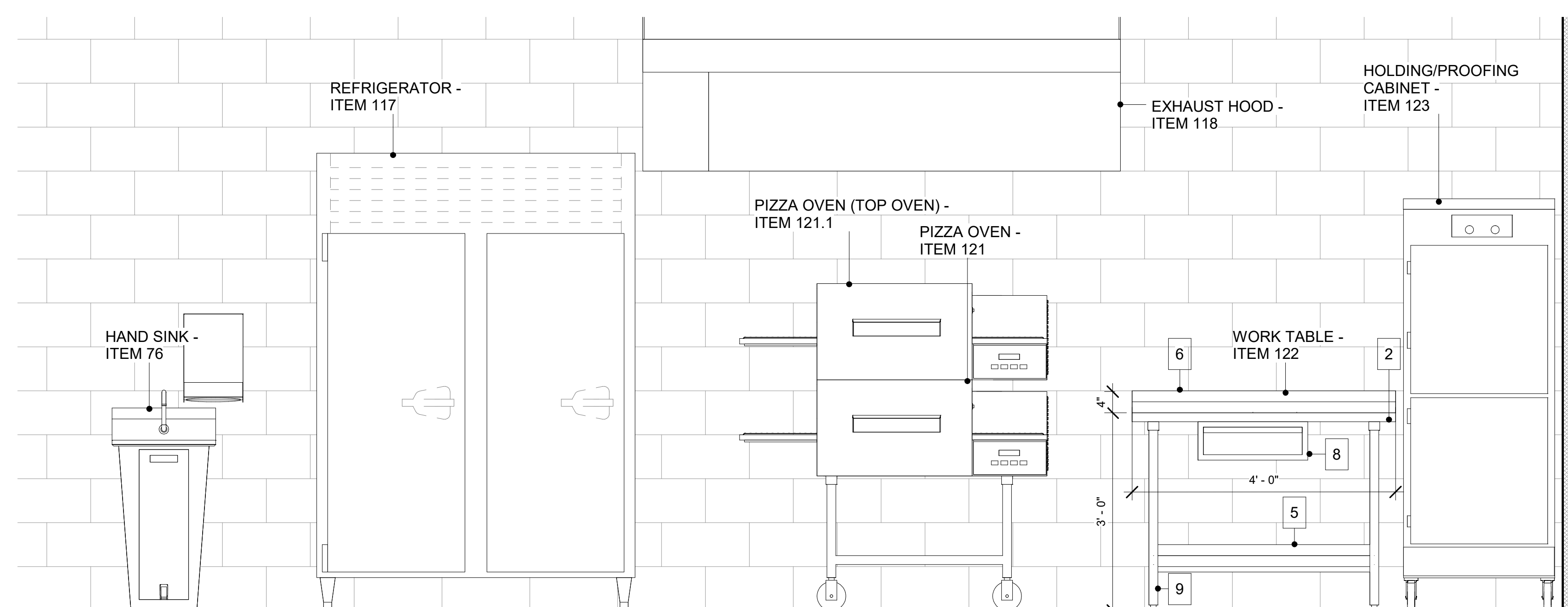
2
K801
CLEAN DISHTABLE - ITEM 56
3/4" = 1'-0"



3
K801
COOKLINE - 1
3/4" = 1'-0"



4
K801
COOKLINE - 2
3/4" = 1'-0"



5
K801
PREP TABLE - ITEM 122
3/4" = 1'-0"

KEY NOTES	
1	STAINLESS STEEL COUNTER WITH MARINE EDGES
2	STAINLESS STEEL COUNTER WITH ROLLED EDGES
3	STAINLESS STEEL COUNTERTOP WITH 3" RAISED RIM
4	SIDE AND REAR CROSSRAILS
5	UNDERSHELF
6	BACKSPLASH
7	SIDE SPLASH
8	DRAWER
9	STAINLESS STEEL LEGS WITH ADJUSTABLE BULLET FEET
10	STAINLESS STEEL LEGS WITH CASTERS
11	LEVER WASTE
12	STAINLESS STEEL SLIDES FOR 18"x26" SHEET PANS.



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PLUMBING FIXTURE SCHEDULE						
ITEM	DESCRIPTION	MINIMUM CONNECTION SIZE (INCHES)			MOUNTING HEIGHT REMARKS (ABOVE FLOOR)	
		HOT WATER	COLD WATER	WASTE		VENT
P-1A	WATER CLOSET	---	1"	3"	1-1/2"	15" RIM HT.
P-1B	WATER CLOSET - H.C.	---	1"	3"	1-1/2"	18" RIM HT.
P-2A	URINAL	---	3/4"	2"	1-1/2"	24" RIM HT.
P-2B	URINAL - H.C.	---	3/4"	2"	1-1/2"	17" RIM HT.
P-3A	LAVATORY - H.C.	1/2"	1/2"	1-1/4"	1-1/2"	34" RIM HT. - METERING FAUCET
P-3B	LAVATORY - H.C.	1/2"	1/2"	1-1/4"	1-1/2"	34" RIM HT. - SINGLE LEVER FAUCET
P-4	MOP SINK	1/2"	1/2"	3"	1-1/2"	FLOOR MTD. / 36" FAUCET HT.
P-5	WASHING MACHINE BOX	1/2"	1/2"	2"	1-1/2"	42" BOX HT.
P-6	CAN WASH FAUCET	3/4"	3/4"	---	---	36" FAUCET HT.
P-7	CONDENSATE BOX	---	---	2"	1-1/2"	42" BOX HT.
EW-C1	BILEVEL ELECTRIC WATER COOLER W/BOTTLE FILLER - H.C.	---	1/2"	1-1/2"	1-1/2"	42" & 34" ORIFICE HTS.

DOMESTIC WATER HEATER SCHEDULE						
ITEM	CAPACITY	RECOVERY	FUEL	ELECTRICAL CHARACTERISTICS	LOCATION	REMARKS
WH-C1	NO STORAGE 720 MBH INPUT	18.8 GPM @ 50°F RISE	GAS	SEE ELECTRICAL DWGS.	RISER ROOM 523	WALL RACK SYSTEM 4 UNITS
WH-C2	NO STORAGE 6.0 KW	0.75 GPM @ 55°F RISE	ELEC.	SEE ELECTRICAL DWGS.	RESTROOM 105	BELOW COUNTERTOP
WH-C3	NO STORAGE 3.0 KW	1.5 GPM @ 46°F RISE	ELEC.	SEE ELECTRICAL DWGS.	RESTROOM 105	BELOW COUNTERTOP
WH-C4	NO STORAGE 3.0 KW	1.5 GPM @ 46°F RISE	ELEC.	SEE ELECTRICAL DWGS.	RESTROOM 108	BELOW COUNTERTOP
WH-C5	NO STORAGE 6.0 KW	0.75 GPM @ 55°F RISE	ELEC.	SEE ELECTRICAL DWGS.	RESTROOM 108	BELOW COUNTERTOP

PUMP SCHEDULE							
PUMP No.	SERVICE	HP	GPM	DISCH HEAD (FT)	WATER HEATER	ELECTRICAL DATA	REMARKS
HWC-C1	HOT WATER CIRCULATION	1/3	2.0	10	WH-C1	SEE ELECTRICAL DWGS.	CONTROLLED BY AQUASTAT

PLUMBING LEGEND		
ABBREVIATION	SYMBOL	DESCRIPTION
HWR	---	HOT WATER RETURN PIPING
H	---	HOT WATER PIPING
T	---T---	TEMPERED HOT WATER PIPING
C	---	COLD WATER PIPING
G	---G---	NATURAL GAS PIPING
ST	---ST---	STORM DRAIN PIPING (ABOVE GROUND)
ST	-----ST-----	STORM DRAIN PIPING (BELOW GROUND)
OF	---OF---	OVERFLOW DRAIN PIPING
CA	---CA---	COMPRESSED AIR PIPING
S.W	---	SOIL AND WASTE PIPING
V	---	VENT PIPING
		SOLENOID VALVE
		SHUT-OFF VALVE
		SWING CHECK VALVE
		FLOW CONTROL
		CONNECT TO EXISTING
HB/E		HOSE BIBB (WALL BOX) FREEZE PROOF
HB/B		HOSE BIBB (WALL BOX) NON-FREEZE PROOF
HB/R		ROOF HYDRANT FREEZE PROOF
HB/I		HOSE BIBB (INTERIOR)
WCO		WALL CLEAN OUT
RD		ROOF DRAIN
FCO		FLOOR CLEAN OUT
GCO		GRADE CLEAN OUT
FD -''		FLOOR DRAIN - TYPE
FS -''		FLOOR SINK - TYPE
HA -''		WATER HAMMER ARRESTOR - SIZE
DSN		DOWNSPOUT NOZZLE
VTR		VENT THRU ROOF
VTS		VENT THRU SIDEWALL
WH		WATER HEATER
HWCP		HOT WATER CIRCULATOR PUMP
AC		AIR COMPRESSOR
RAD		REFRIGERATED AIR DRYER
AFF		ABOVE FINISH FLOOR
AFG		ABOVE FINISH GRADE
A/C		ABOVE CEILING
B/F		BELOW FLOOR
GPM		GALLONS PER MINUTE
PSI		POUNDS PER SQUARE INCH
U/G		UNDERGROUND
TYP.		TYPICAL
T-P		TRAP PRIMER
H.C.		HANDICAP ACCESSIBLE
GPH		GALLONS PER HOUR
CONN.		CONNECTION
ARCH.		ARCHITECTURAL
PRESS.		PRESSURE
W.C.		WATER COLUMN
DWGS.		DRAWINGS
CFH		CUBIC FEET PER HOUR

GENERAL PLUMBING NOTES

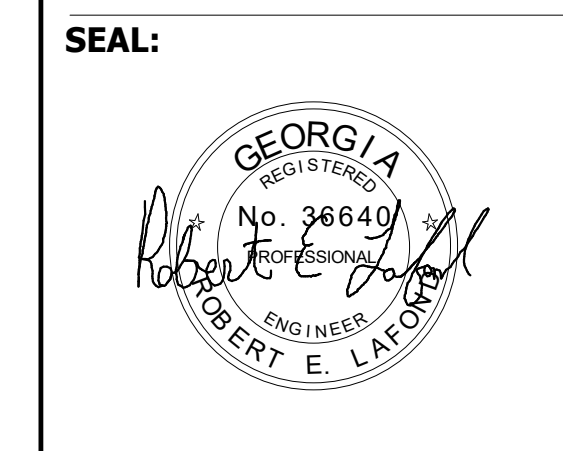
- ALL SITE UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. VERIFY EXACT LOCATION AND INVERT ELEVATION IN FIELD BEFORE BEGINNING WORK.
- ALL SUSPENDED PIPING SHALL BE SUPPORTED FROM FLOOR AND/OR ROOF STRUCTURAL MEMBERS. IN NO CASE SHALL PIPING BE SUSPENDED FROM FLOOR OR ROOF DECK LESS THAN 4" THICK CONCRETE.
- FIRE STOP ALL PENETRATIONS OF FIRE RATED ASSEMBLIES. REFER TO ARCHITECTURAL DRAWINGS FOR ASSEMBLY RATINGS.
- PIPING INSTALLED IN PLENUM SPACES SHALL MEET ASTM E-84, ASTM E-136 AND UL 723 STANDARDS FOR FLAME SPREAD AND SMOKE GENERATION. COORDINATE PLENUM LOCATIONS WITH MECHANICAL CONTRACTOR.
- COORDINATE ALL WORK WITH OTHER TRADES.
- PROVIDE INLINE TRAP SEAL DEVICES ON ALL FLOOR DRAINS NOT PROVIDED WITH TRAP PRIMERS
- PROVIDE DRAIN VALVES AT ALL LOW POINTS IN ALL WATER PIPING SYSTEMS.
- PIPING FROM TRAP PRIMERS TO DRAINS INSTALLED BELOW FLOOR SLAB SHALL BE TYPE L SOFT COPPER TUBING WITH NO JOINTS BELOW THE SLAB.
- ALL WATER, VENT, STORM, OVERFLOW, COMPRESSED AIR AND GAS PIPING SHALL BE INSTALLED ABOVE THE CEILING UNLESS NOTED OTHERWISE.
- ALL SOIL AND WASTE PIPING SHALL BE INSTALLED BELOW THE FLOOR UNLESS NOTED OTHERWISE.
- PROVIDE CLEANOUTS AT THE BASE OF ALL STORM DRAIN RISERS AND ALL SOIL AND WASTE PIPING OVER ONE STORY IN HEIGHT. ALL WALL CLEANOUTS SHALL BE INSTALLED AT 18" ABOVE FINISHED FLOOR.
- WALL HYDRANTS SHALL BE MOUNTED 1' - 6" ABOVE FINISHED GRADE.
- HOSE BIBBS SHALL BE MOUNTED 1' - 6" ABOVE FINISHED FLOOR.
- LOCATE ALL DRAINAGE PIPING AND CLEANOUTS CENTERED IN CORRIDORS UNLESS NOTED OTHERWISE. COORDINATE THE LOCATIONS OF CLEANOUTS WITH FLOOR PATTERN. ALL CLEANOUTS AT THE EXIT OF CORRIDORS SHALL BE TWO-WAY CLEANOUTS.
- ROUTE DRAIN AND HOT WATER SUPPLY PIPING TO UNDERCOUNTER DISHWASHERS FROM ADJACENT SINKS.
- ALL VENT TERMINALS SHALL BE LOCATED A MINIMUM OF 10 FEET FROM ANY DOOR, OPERABLE WINDOW, OR FRESH AIR INTAKE.
- WHERE MOUNTING HEIGHTS OF FIXTURES CONFLICT WITH THE FIXTURE HEIGHTS ON THE ARCHITECTURAL DRAWINGS, THE HEIGHTS SHOWN ON THE ARCHITECTURAL DRAWINGS SHALL TAKE PRECEDENCE.

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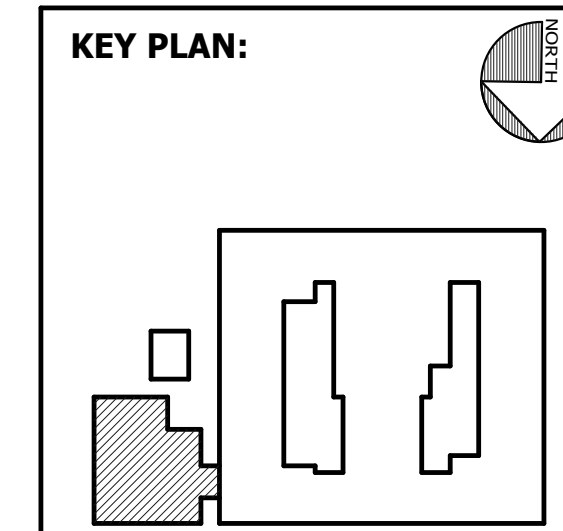


FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

Cogdell Mendrala Architects
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STRUCTURAL ENGINEER:
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7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406



SHEET TITLE:
PLUMBING
LEGEND &
SCHEDULES

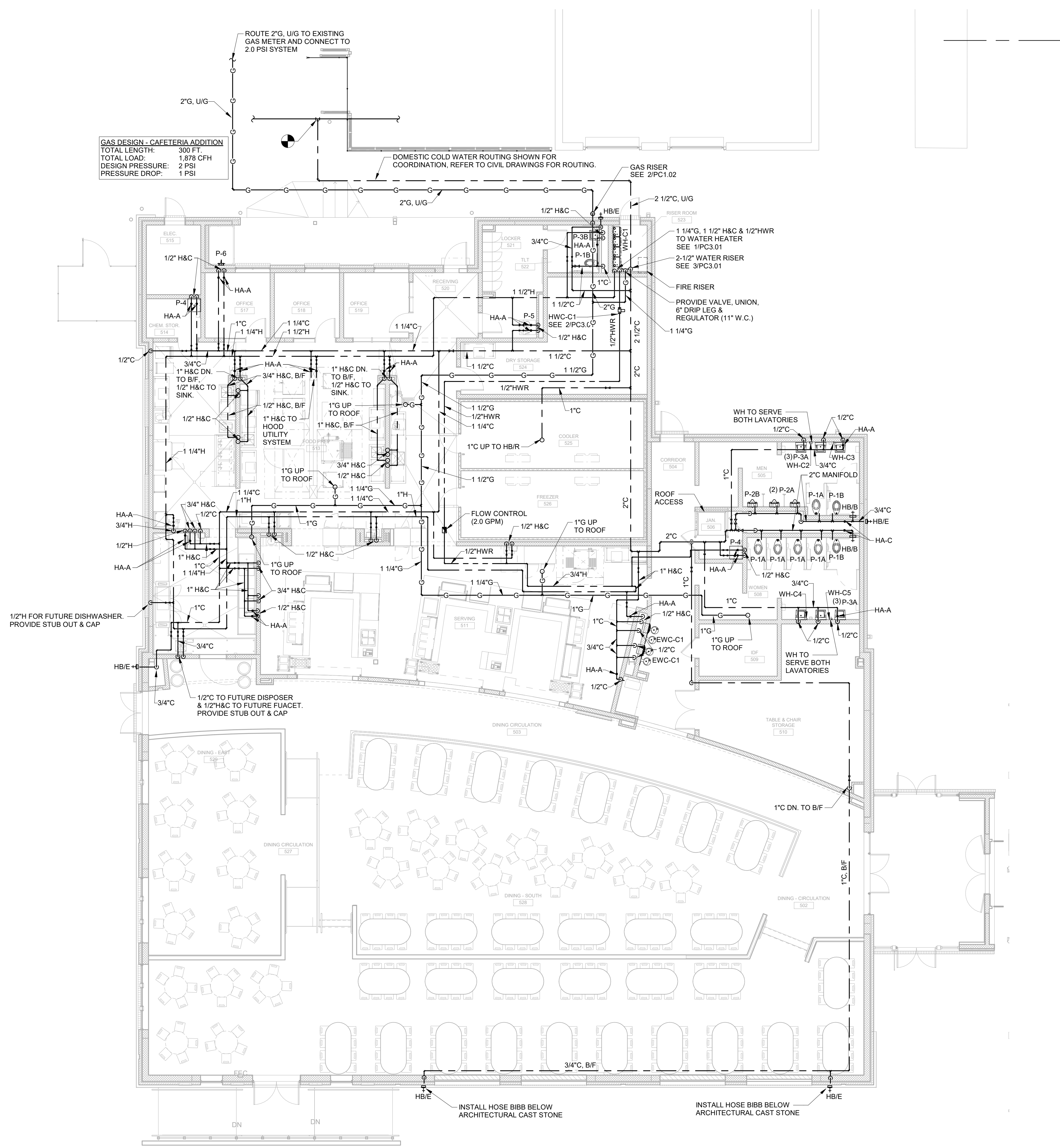
REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: BNW
SCALE: 12" = 1'-0"
SHEET: **PC0.01**



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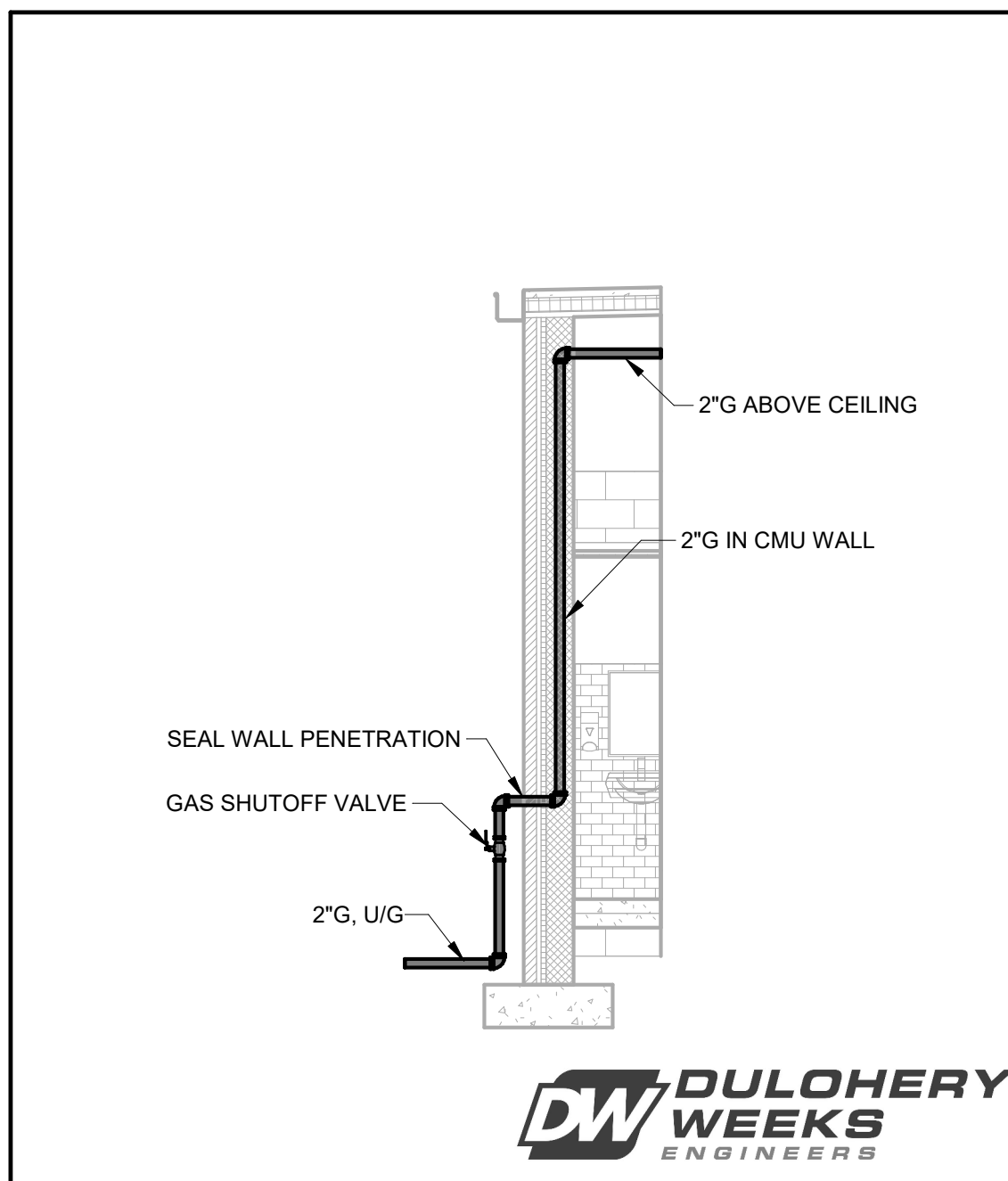
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GAS DESIGN - CAFETERIA ADDITION
 TOTAL LENGTH: 500 FT
 TOTAL LOAD: 1,878 CFH
 DESIGN PRESSURE: 2 PSI
 PRESSURE DROP: 1 PSI

DOMESTIC COLD WATER ROUTING SHOWN FOR COORDINATION. REFER TO CIVIL DRAWINGS FOR ROUTING.

GAS RISER SEE 2/PC1.02



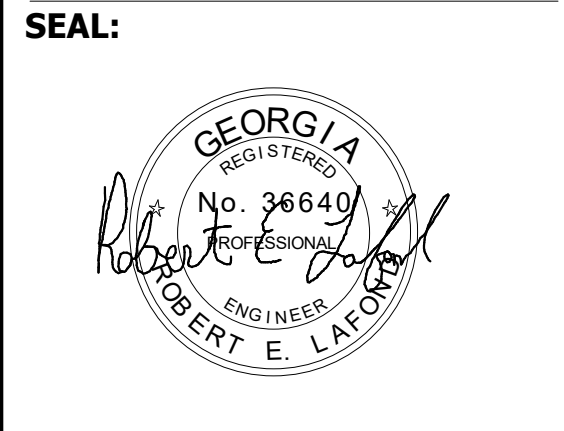
DW DULOHERY WEEKS ENGINEERS

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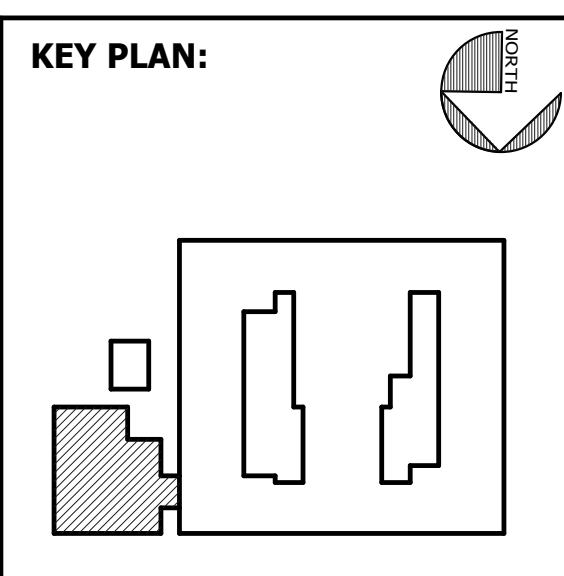


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FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

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 SAVANNAH, GA 31406



SHEET TITLE:
 HOT & COLD WATER FLOOR PLAN - CAFETERIA ADDITION

REVISION SCHEDULE	
DATE	DESCRIPTION

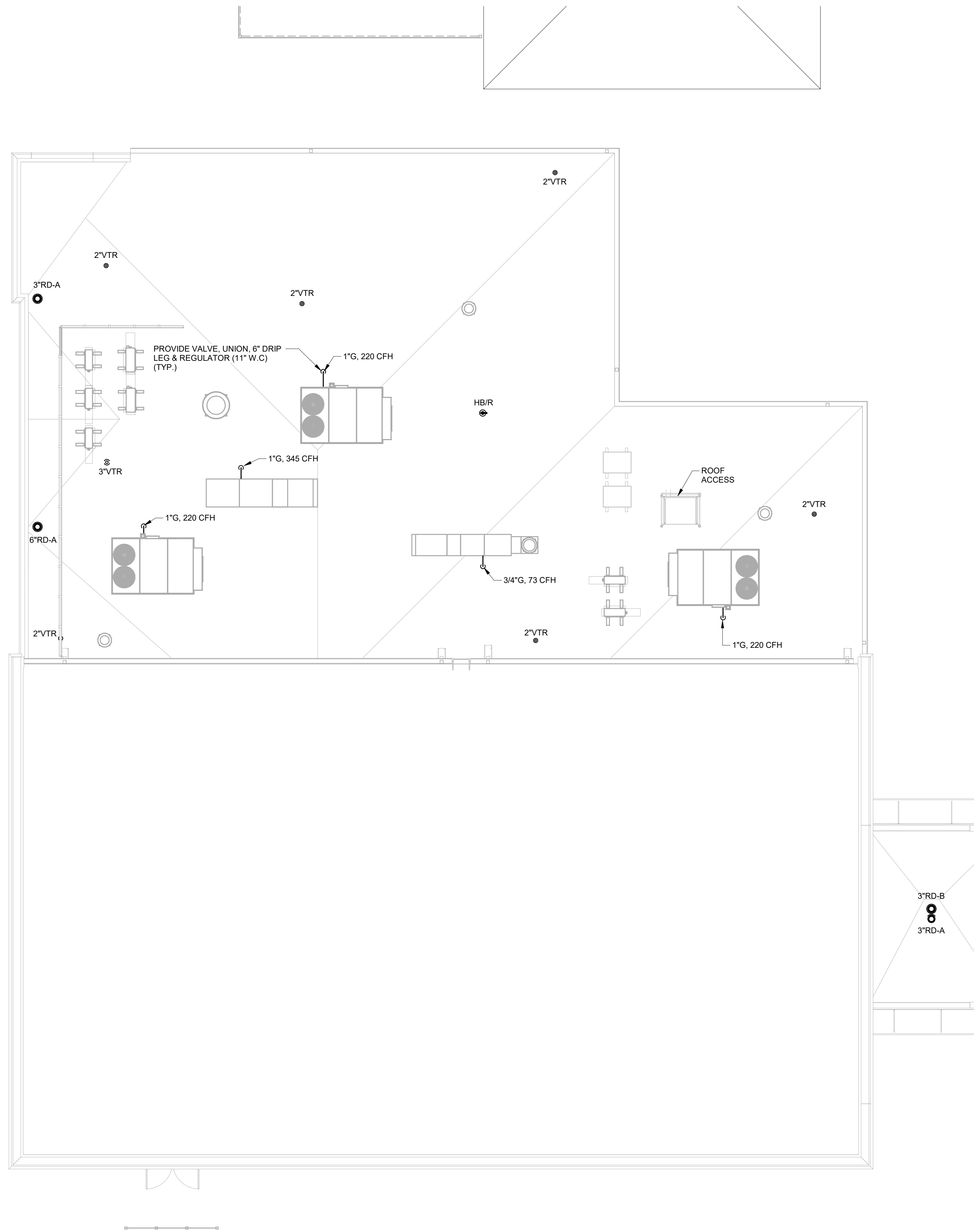
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DATE: FEB 2022
DRAWN BY: BMW
SCALE: 1/8" = 1'-0"
SHEET: **PC1.02**

1 HOT & COLD WATER FIRST FLOOR PLAN-CAFE
 PC1.02 1/8" = 1'-0"

2 GAS RISER
 PC1.02

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1 PLUMBING ROOF PLAN - CAFETERIA ADDITION
 PC2.01 1/8" = 1'-0"

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FACILITY CODE: 1607
FTE: 1000
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BID NO#: C22-01

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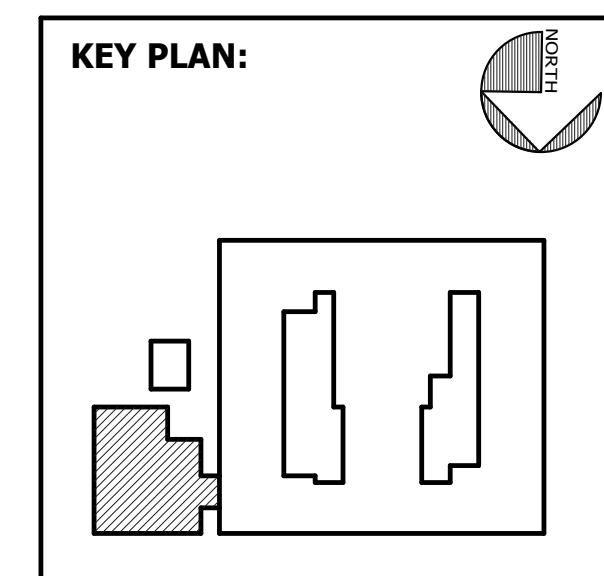


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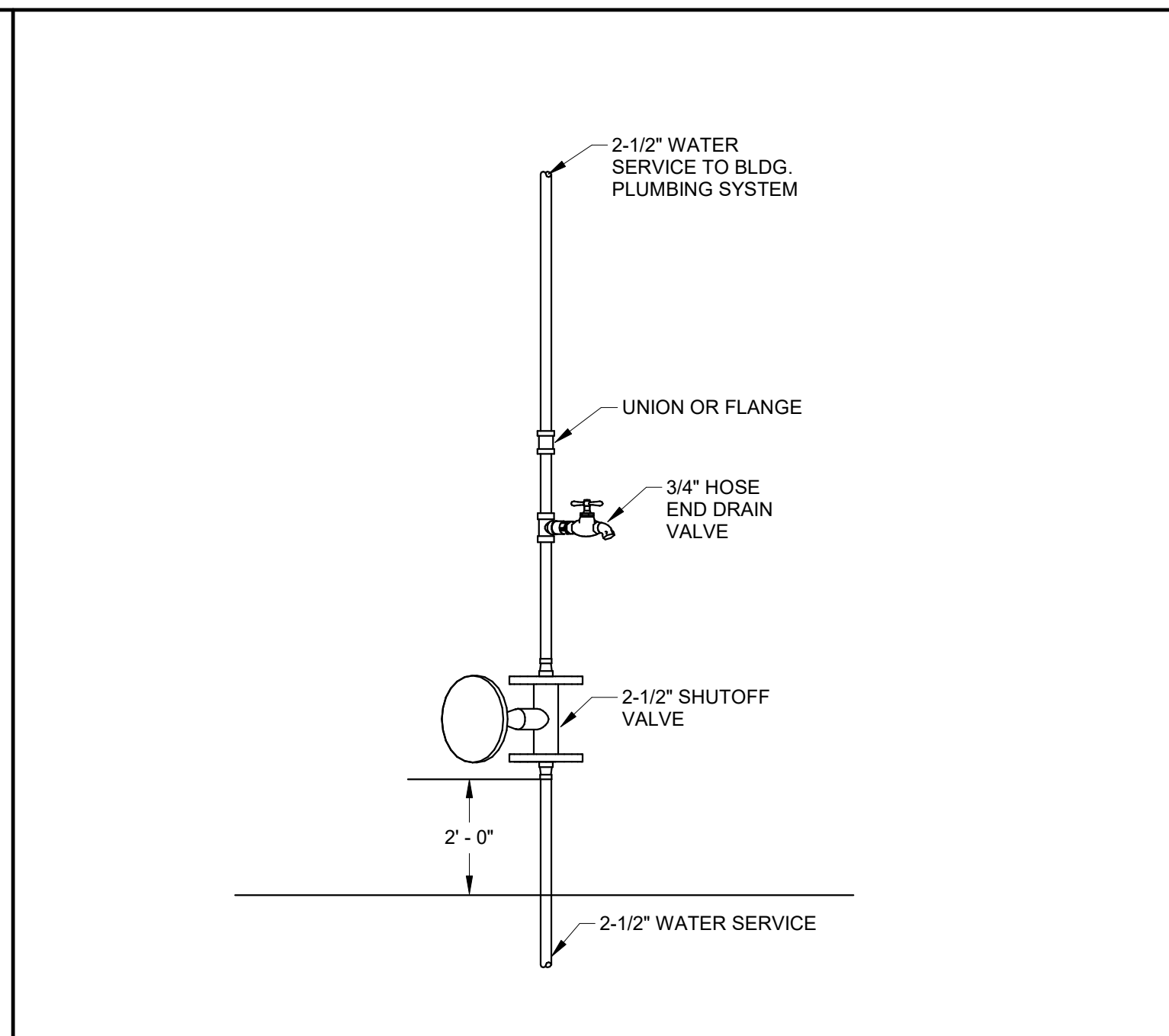
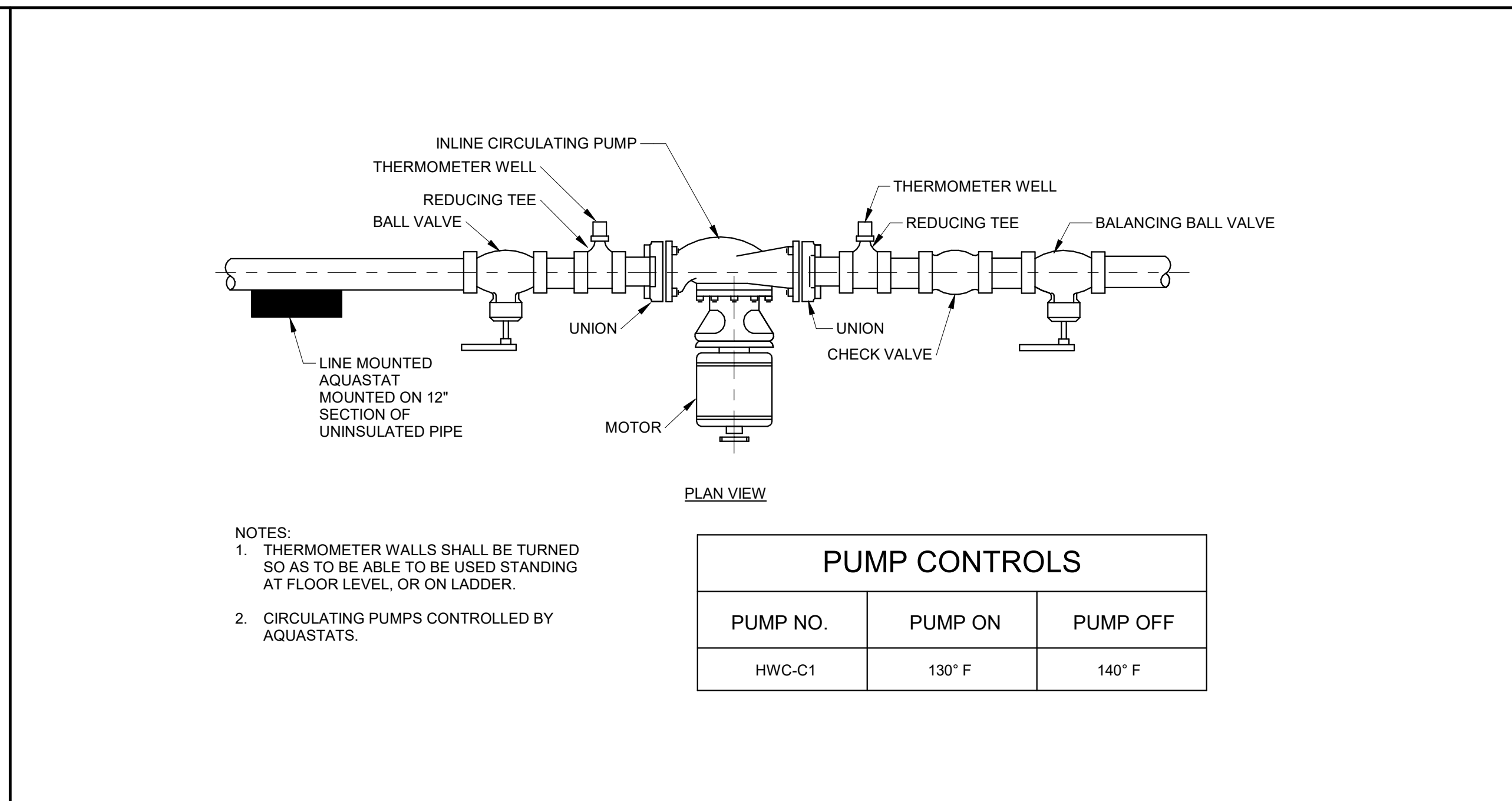
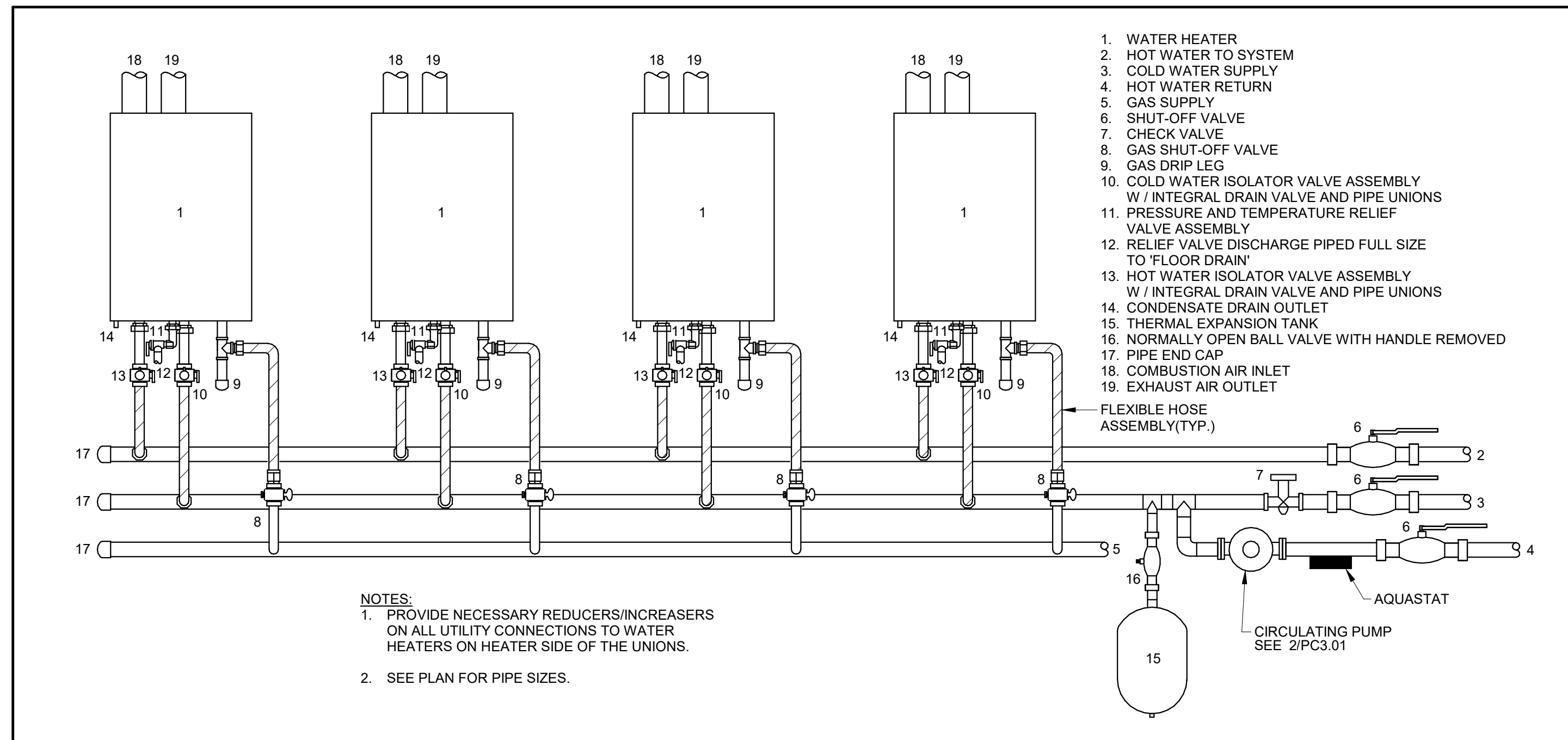


SHEET TITLE:
**PLUMBING
 ROOF PLAN -
 CAFETERIA
 ADDITION**

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: BMW
SCALE: 1/8" = 1'-0"
SHEET: **PC2.01**

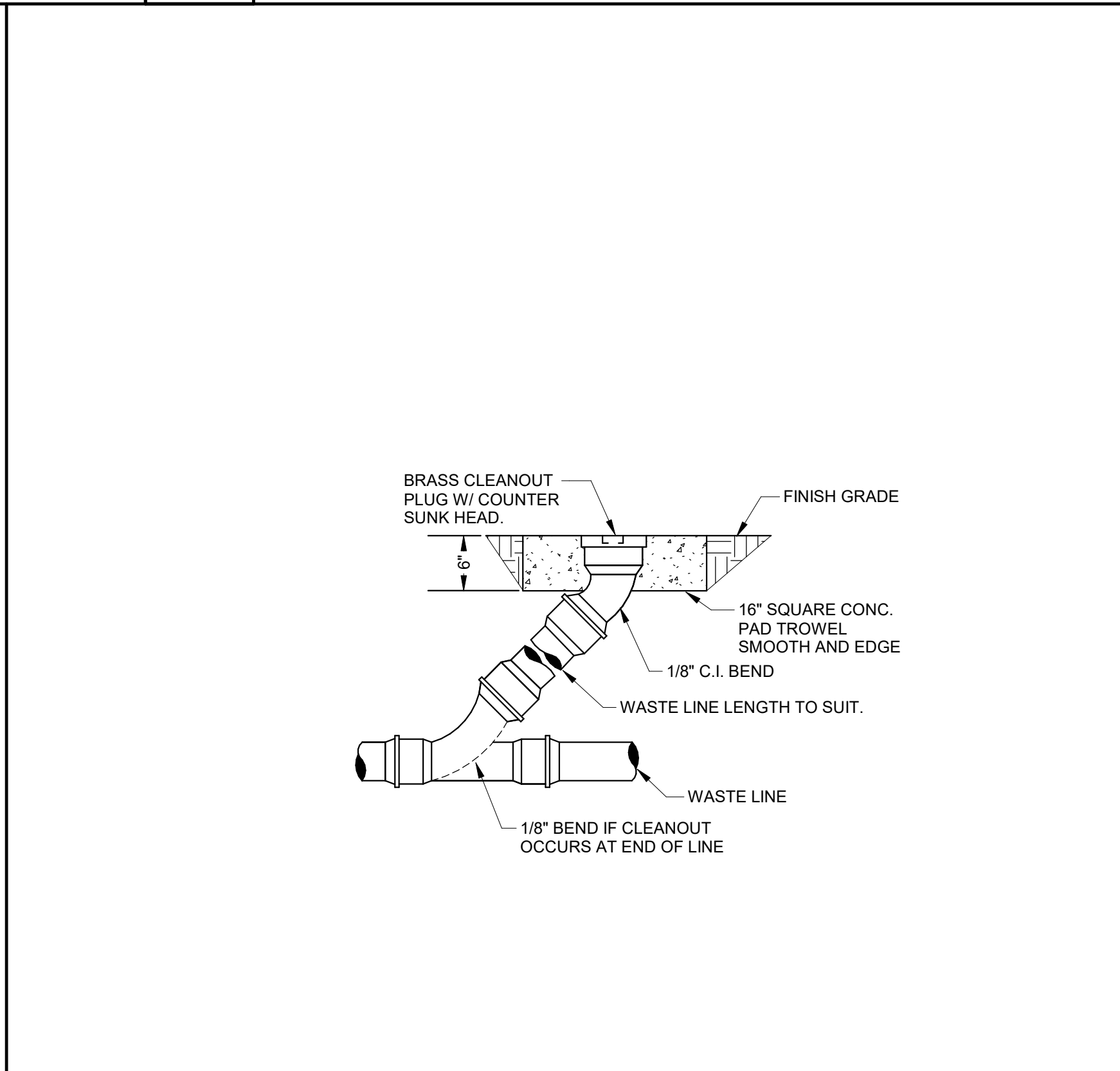
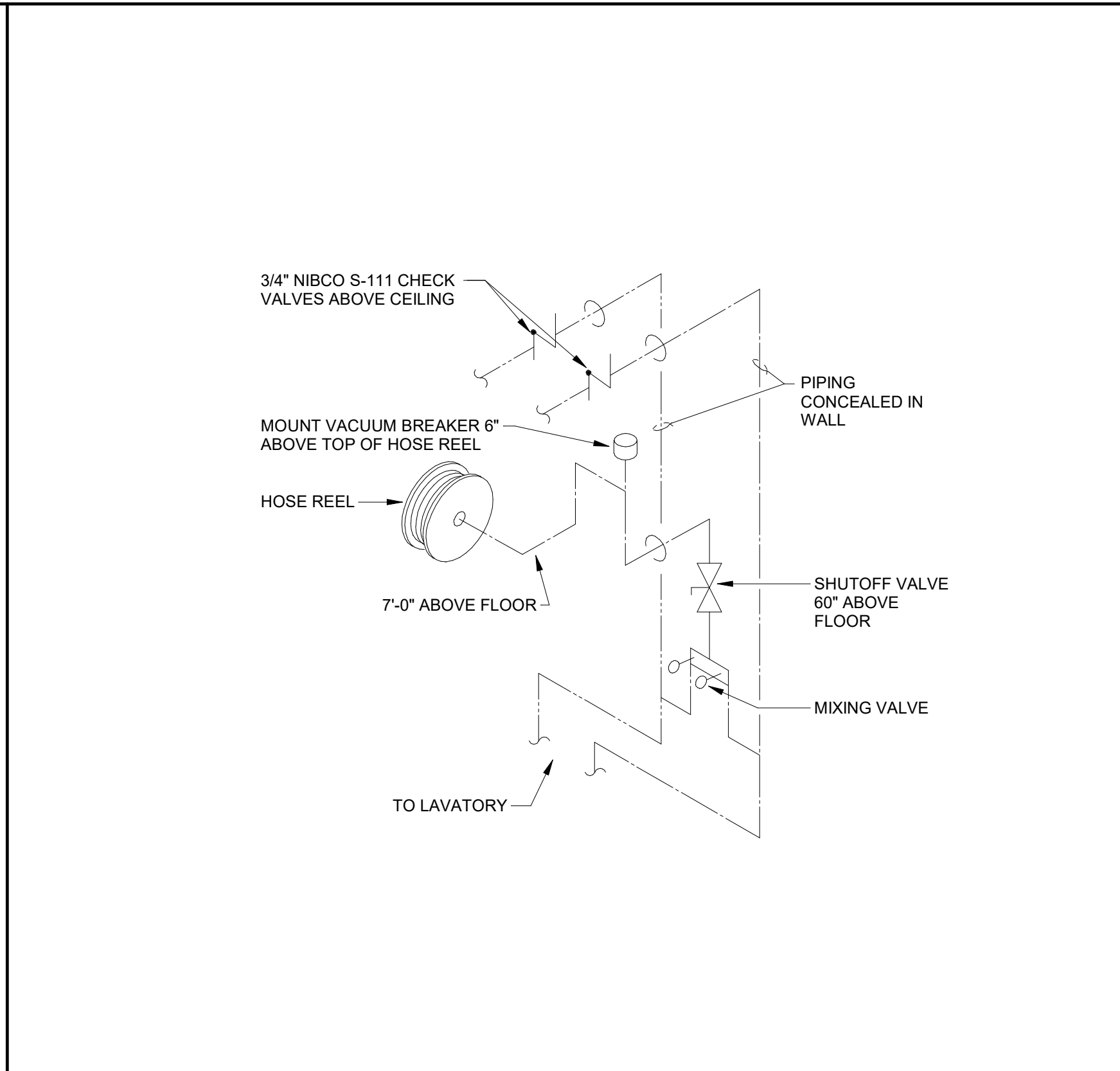
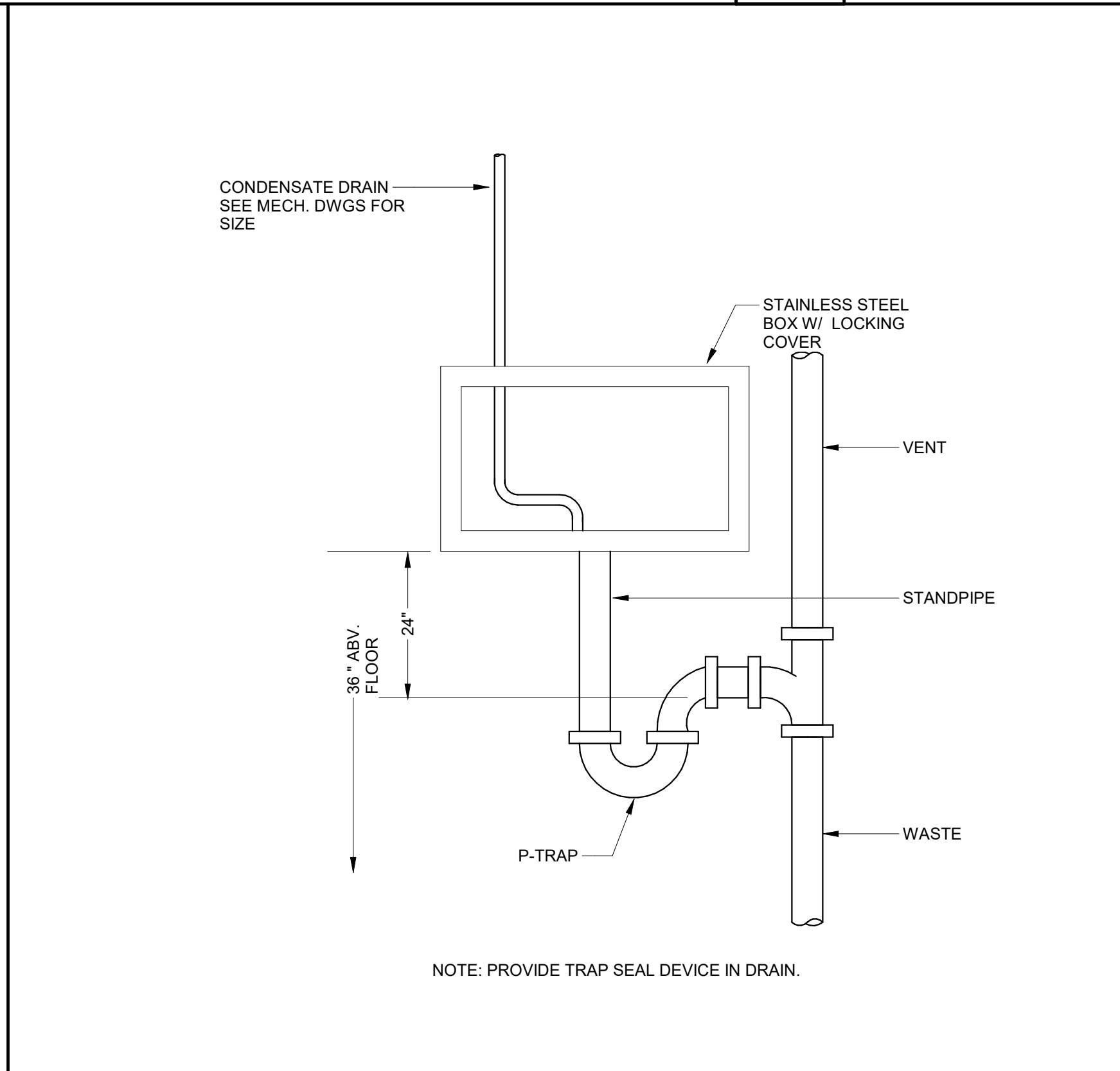
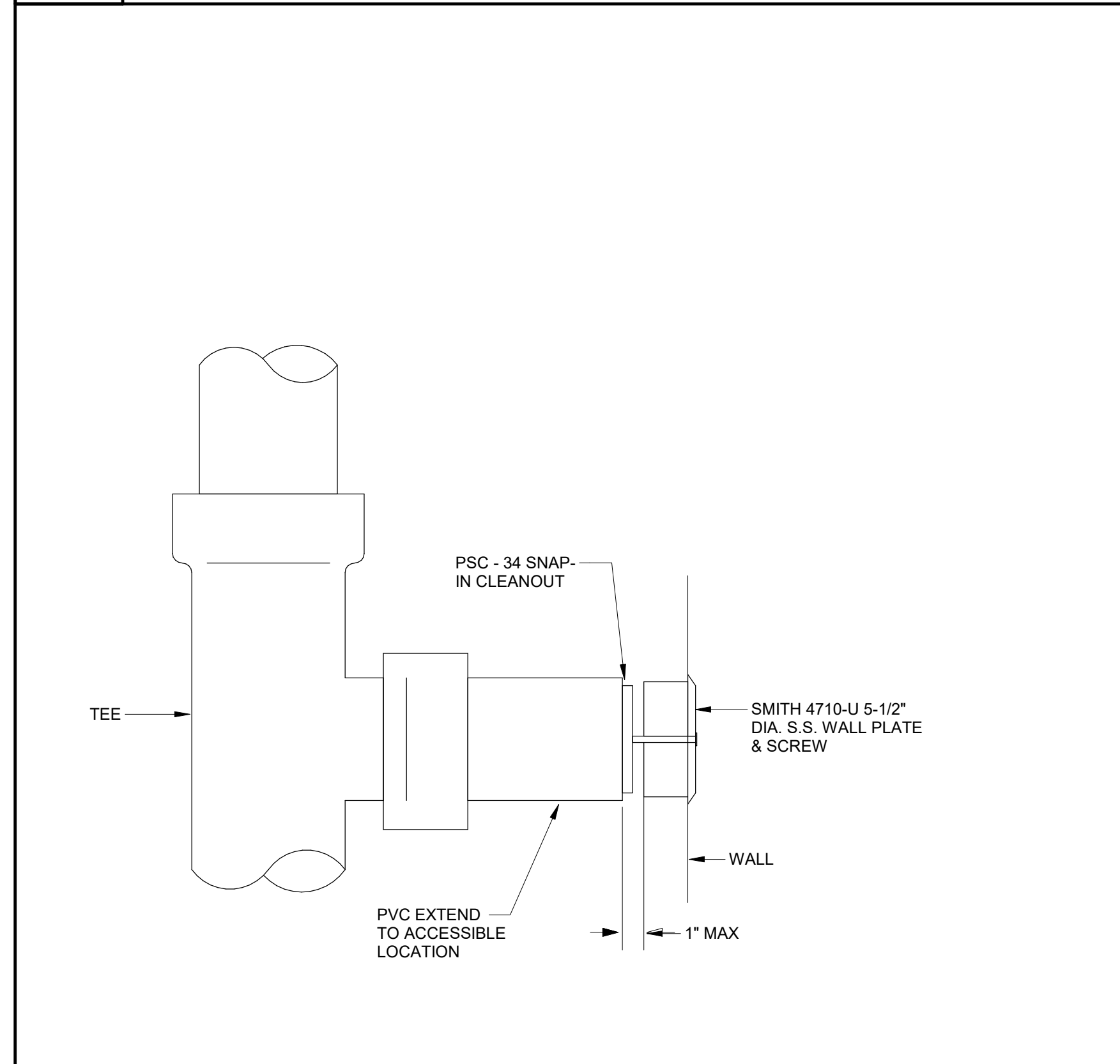
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1 MULTIPLE INSTANTANEOUS WATER DETAIL
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2 IN-LINE CIRCULATING PUMP
 PC3.01 NOT TO SCALE

3 WATER SERVICE RISER DETAIL
 PC3.01 NOT TO SCALE

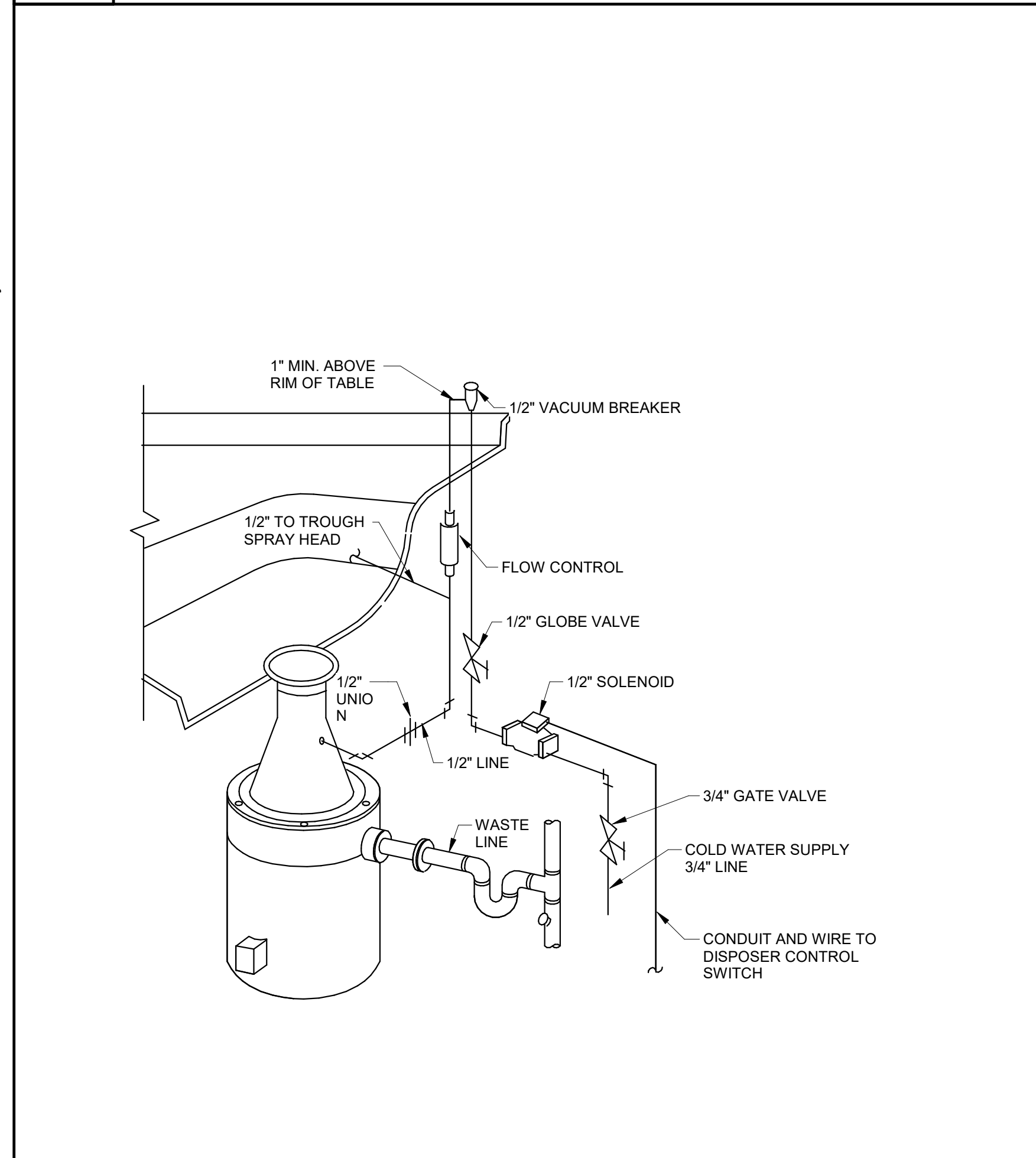


4 WALL CLEANOUT DETAIL
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5 CONDENSATE DRAIN BOX DETAIL
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6 HOSE REEL CONNECTION PIPING DETAIL
 PC3.01 NOT TO SCALE

7 CLEANOUT TO GRADE DETAIL
 PC3.01 NOT TO SCALE



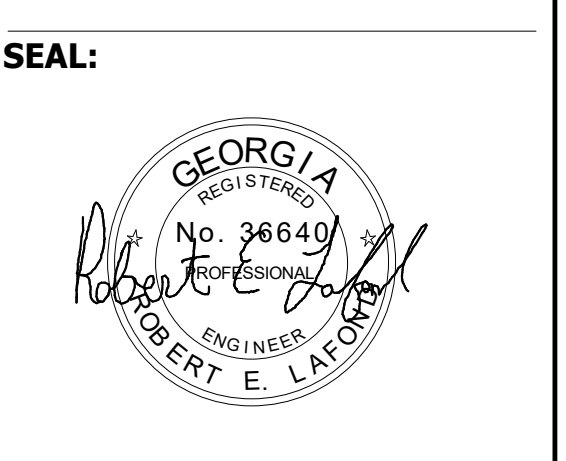
8 GARBAGE DISPOSAL
 PC3.01 12" = 1'-0"

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FACILITY CODE: 1607
 FTE: 1000
 FUNDING: LOCAL EFFORT
 BID NO#: C22-01

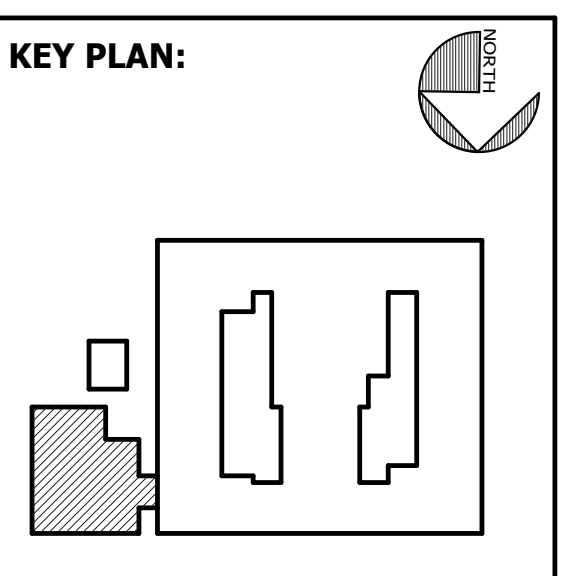
Cogdell Mendrala Architects
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 TEL 912.234.6318
 FAX 912.236.8414
 cogdellmendrala.com



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 STATESBORO, GA 30458

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MECHANICAL & ELECTRICAL ENGINEER:
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 7402 HODGSON MEMORIAL DRIVE,
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 SAVANNAH, GA 31406



SHEET TITLE:
PLUMBING DETAILS - CAFETERIA ADDITION

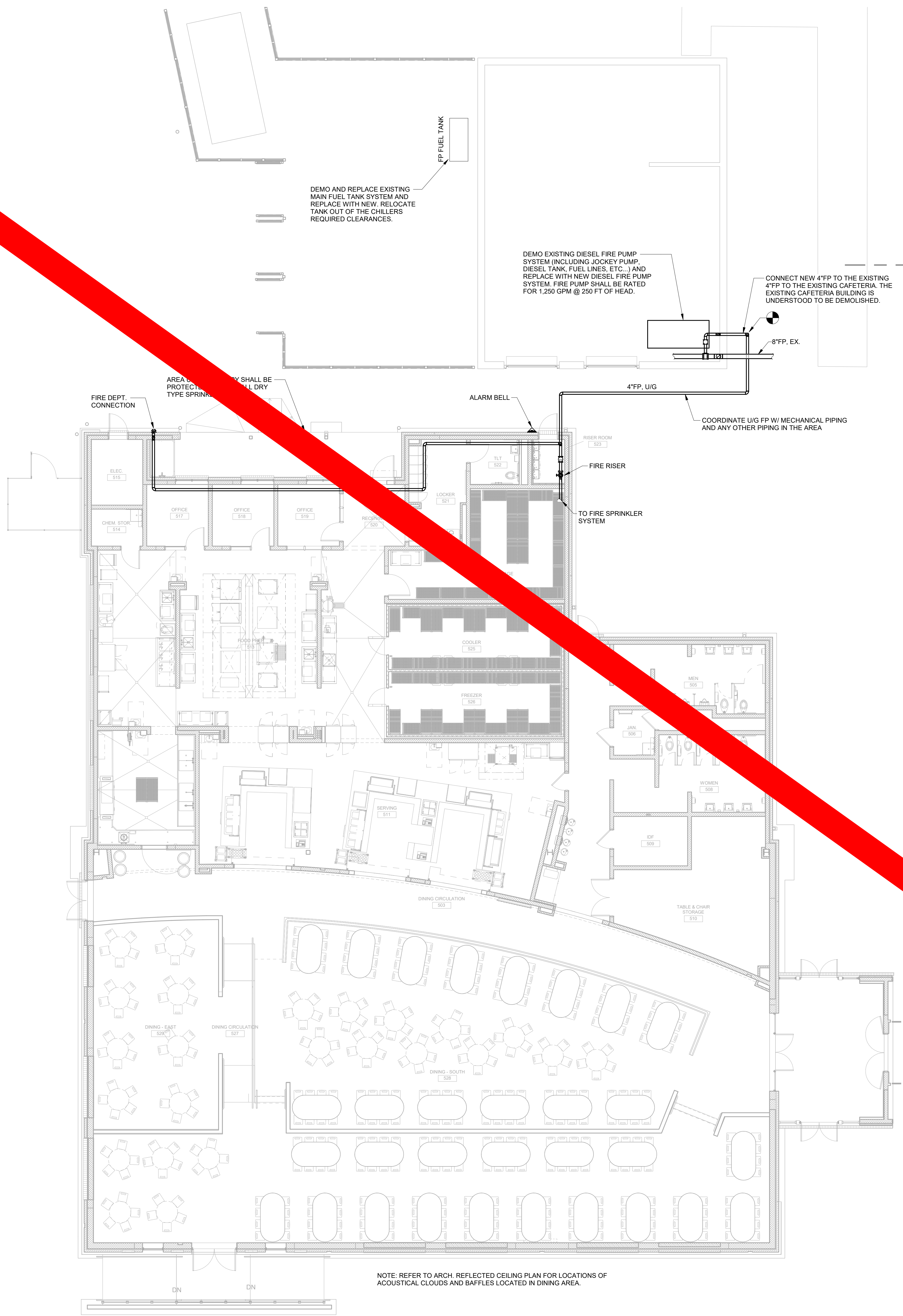
REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
 DATE: FEB 2022
 DRAWN BY: BMW
 SCALE: As indicated
 SHEET: **PC3.01**



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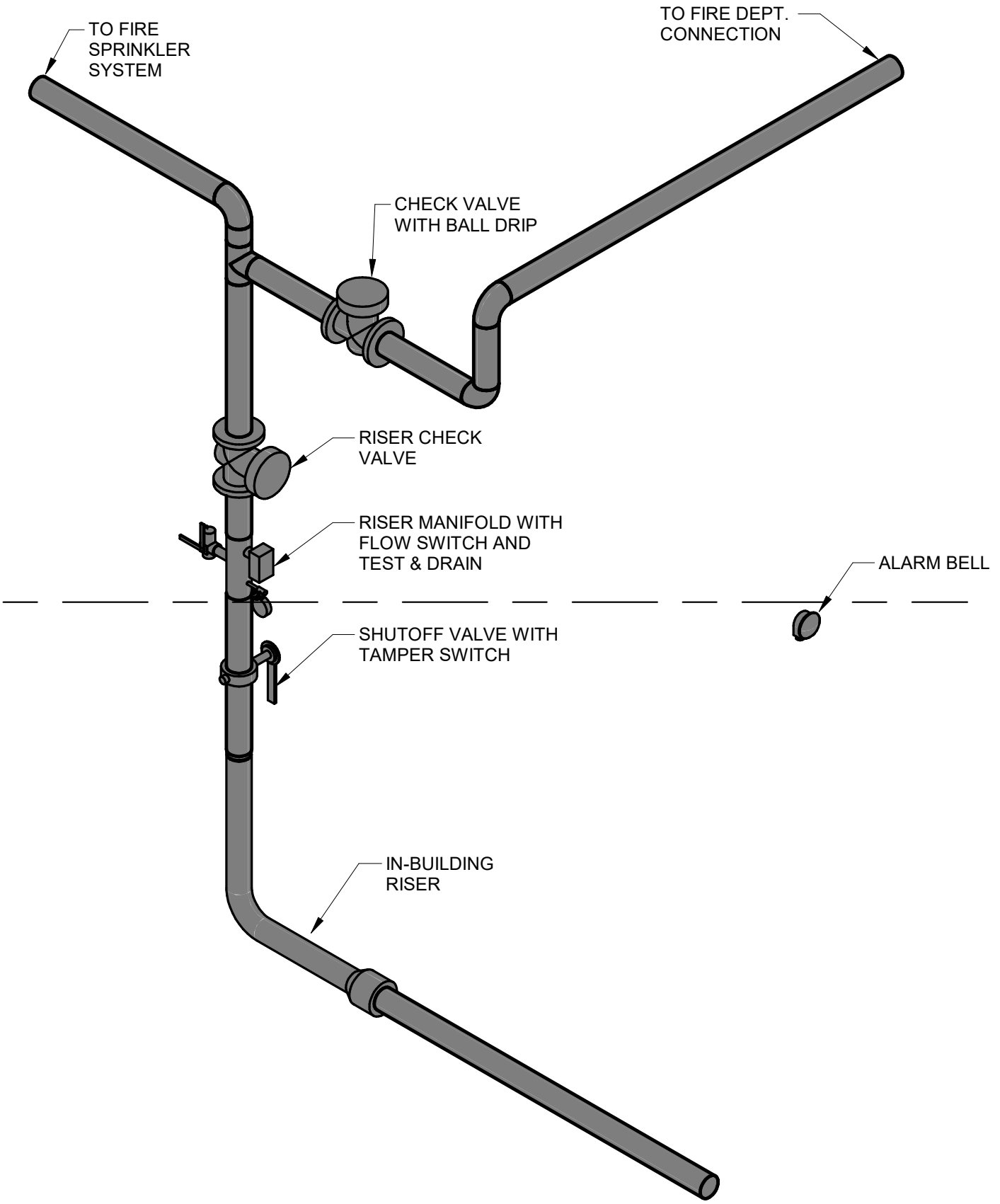
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NOTE: REFER TO ARCH. REFLECTED CEILING PLAN FOR LOCATIONS OF ACOUSTICAL CLOUDS AND BAFFLES LOCATED IN DINING AREA.

2 FIRE SERVICE RISER

FC1.01



WET PIPE SPRINKLER SYSTEM
 THE SPRINKLER SYSTEM WILL BE PROVIDED FOR THE ENTIRE BUILDING. THE SPRINKLER SYSTEM SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 13 AND THE DESIGN DATA BELOW. THE CONTRACTOR SHALL SUBMIT DESIGN CALCULATIONS AND PLANS TO THE AUTHORITY HAVING JURISDICTION FOR REVIEW AND APPROVAL. SPRINKLERS IN CEILING SHALL BE SEMI-RECESSED PENDANT HEADS UNLESS NOTED OTHERWISE.

HAZARD CLASSIFICATIONS AND DESIGN REQUIREMENTS
 HAZARD CLASSIFICATIONS FOR THIS BUILDING ARE LISTED BELOW IN THE SPRINKLER HAZARD CLASSIFICATIONS SCHEDULE.

HAZARD CATEGORY	DENSITY	AREA
LIGHT HAZARD	.10 GPM/SQ. FT.	1500 SQ. FT.
ORDINARY GROUP 1	.15 GPM/SQ. FT.	1500 SQ. FT.

THE CONTRACTOR SHALL LOCATE THE SYSTEM WITHIN THE INSULATED ENVELOPE OF THE BUILDING.
 THE EXTERIOR HOSE STREAM REQUIREMENT IS 250 GPM.
FIRE FLOW DATA
 FIRE FLOW DATA FOR THIS SITE: STATIC: 62 PSI RESIDUAL: 50 PSI FLOW RATE: 1,190 GPM

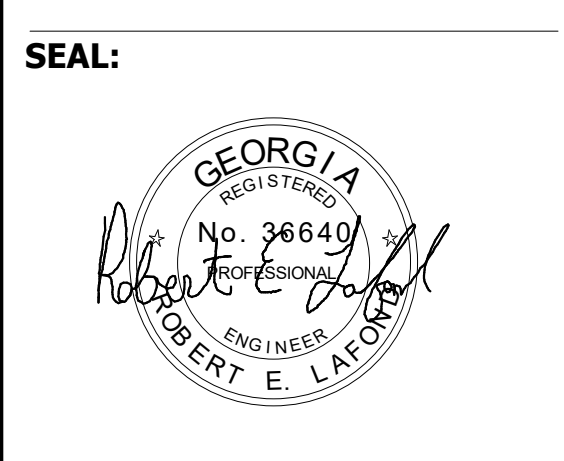
SPRINKLER HAZARD CLASSIFICATIONS	
FOR AREA	HAZARD CATEGORY
ALL AREAS AS NOTED BELOW	LIGHT HAZARD
MECHANICAL ROOM, CHEMICAL STORAGE, IDF, JANITORS, MEN WASH & LOCKER	ORDINARY HAZARD 1

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FACILITY CODE: 1607
 FTE: 1000
 FUNDING: LOCAL EFFORT
 BID NO#: C22-01

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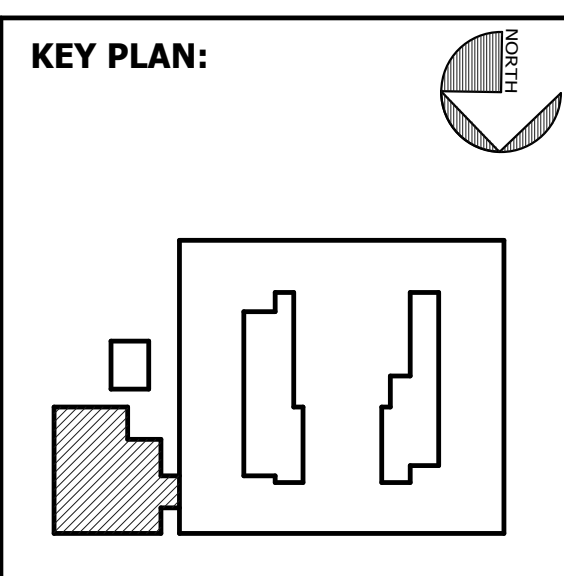


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 STATESBORO, GA 30458

STRUCTURAL ENGINEER:
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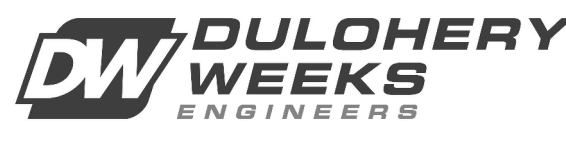
MECHANICAL & ELECTRICAL ENGINEER:
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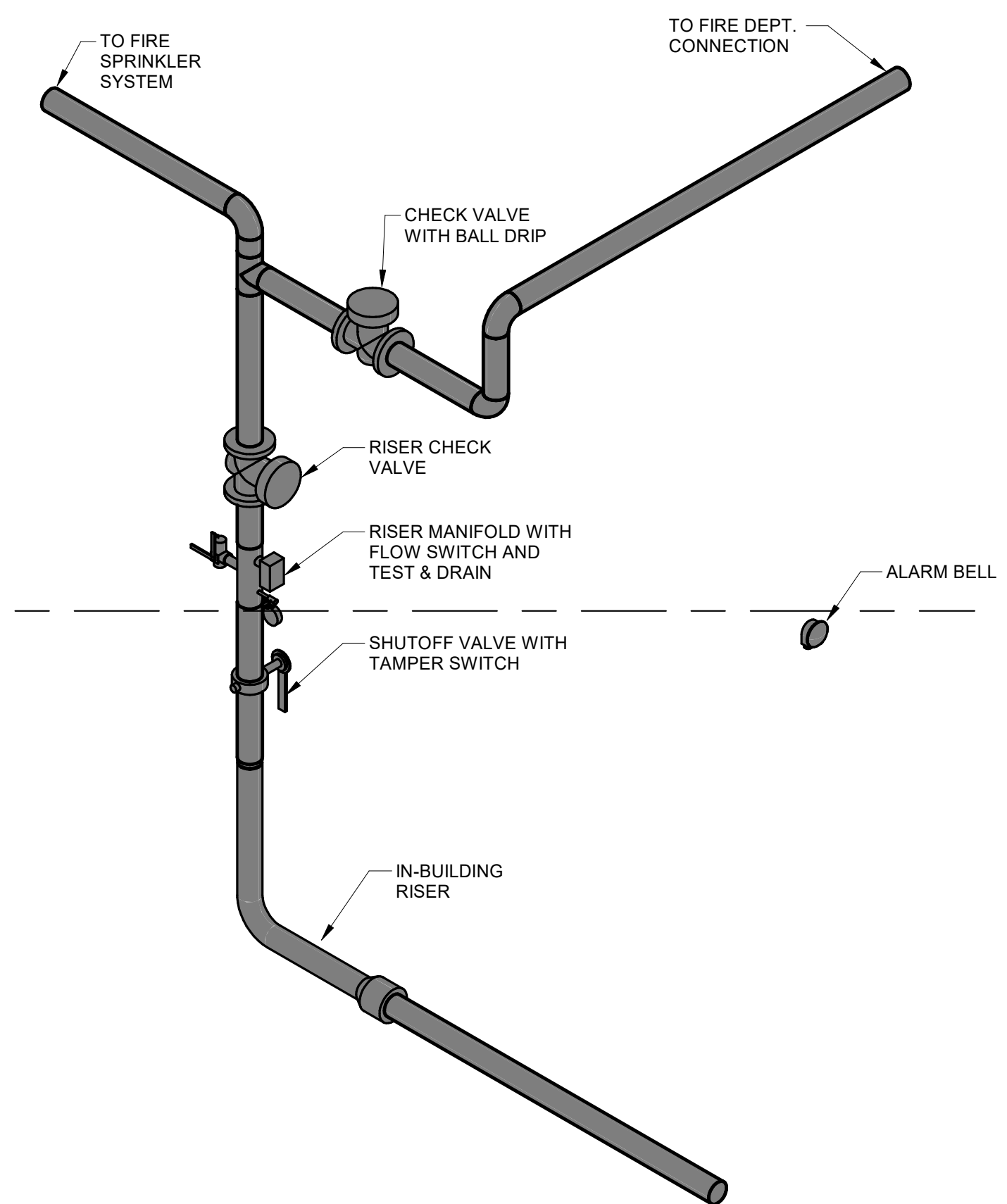
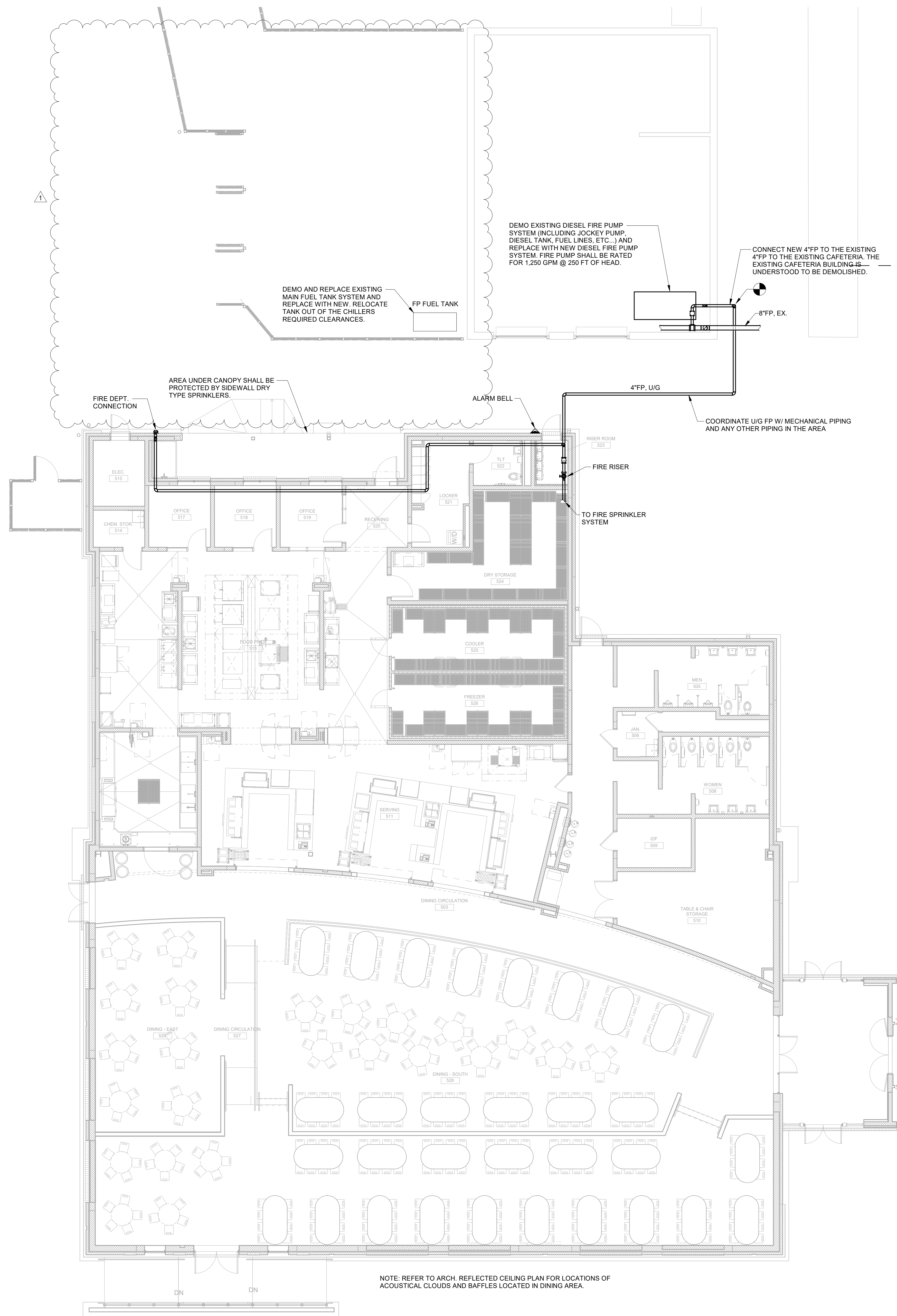
SHEET TITLE:
 FIRE PROTECTION PLAN - CAFETERIA ADDITION

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
 DATE: FEB 2022
 DRAWN BY: BMW
 SCALE: Indicated
SHEET: FC1.01



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2 FIRE SERVICE RISER

FC1.01

WET PIPE SPRINKLER SYSTEM

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HAZARD CLASSIFICATIONS AND DESIGN REQUIREMENTS

HAZARD CLASSIFICATIONS FOR THIS BUILDING ARE LISTED BELOW IN THE SPRINKLER HAZARD CLASSIFICATIONS SCHEDULE.

HAZARD CATEGORY	DENSITY	AREA
LIGHT HAZARD	.10 GPM/SQ. FT.	1500 SQ. FT.
ORDINARY GROUP 1	.15 GPM/SQ. FT.	1500 SQ. FT.

THE CONTRACTOR SHALL LOCATE THE SYSTEM WITHIN THE INSULATED ENVELOPE OF THE BUILDING.

THE EXTERIOR HOSE STREAM REQUIREMENT IS 250 GPM.

FIRE FLOW DATA

FIRE FLOW DATA FOR THIS SITE: STATIC: 62 PSI RESIDUAL: 50 PSI FLOW RATE: 1,190 GPM

SPRINKLER HAZARD CLASSIFICATIONS	
ROOM OR AREA	HAZARD CATEGORY
ALL AREAS EXCEPT AS NOTED BELOW	LIGHT HAZARD
MECHANICAL, ELECTRICAL, CHEMICAL STORAGE, IDF, JANITOR'S, KITCHEN, CAN WASH & LOCKER	ORDINARY HAZARD 1

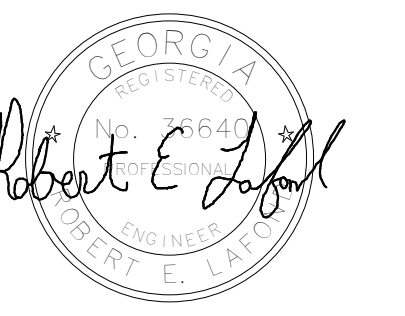
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FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
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SEAL:



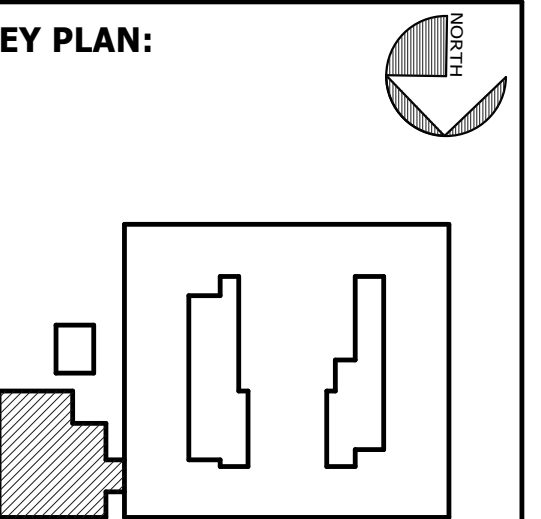
PROJECT CONSULTANTS:

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SAVANNAH, GA 31406

KEY PLAN:



SHEET TITLE:
FIRE PROTECTION PLAN - CAFETERIA ADDITION

REVISION SCHEDULE

DATE	DESCRIPTION
03/14/22	ADDENDUM #1

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: BMW
SCALE: As indicated

SHEET: **FC1.01**



1 FIRE PROTECTION FIRST FLOOR PLAN - CAFETERIA ADDITION

FC1.01 1/8" = 1'-0"

GENERAL MECHANICAL NOTES

- THE DRAWINGS SHOW THE GENERAL ARRANGEMENT AND LOCATIONS OF THE MECHANICAL WORK. THE CONTRACTOR SHALL COORDINATE THE MECHANICAL INSTALLATION WITH THE STRUCTURE AND ALL OTHER TRADES. PERFORM ALL WORK IN ACCORDANCE WITH 2018 INTERNATIONAL MECHANICAL CODE (IMC) WITH GEORGIA AMENDMENTS.
- REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF THE CEILING MOUNTED DEVICES.
- DUCTWORK SHOWN ON THE PLANS IS SIZED AND ROUTED BASED ON INFORMATION AVAILABLE DURING DESIGN PHASE FOR CEILING HEIGHTS, STRUCTURAL MEMBERS, ETC. ALL DUCT SIZES AND ROUTINGS MUST BE CONFIRMED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION AND INSTALLATION. WHERE CONFLICTS ARISE, REFER TO THE ENGINEER.
- REFER TO SENSOR MOUNTING DETAIL FOR MOUNTING HEIGHT.
- ALL SUPPLY AIR AND RETURN AIR DUCTWORK SHALL HAVE ONE LAYER OF TYPE 'A' DUCT WRAP. ALL EXPOSED DUCTWORK SHALL HAVE ONE LAYER OF TYPE 'A' DUCT LINER AND SHALL HAVE PAINT GRIP FINISH WITH COLOR SELECTED BY ARCHITECT. GENERAL EXHAUST AIR DUCTWORK SHALL NOT BE INSULATED. KITCHEN HOOD EXHAUST DUCTWORK SHALL BE WRAPPED WITH FIRE-RATED DUCT WRAP (SEE SECTION 232110).
- INCLUDE ALL REQUIRED REFRIGERANT PIPING ACCESSORIES AND INCREASE PIPE SIZES AS NEEDED FOR LONG LINE LENGTH APPLICATIONS.
- ROOF MOUNTED EQUIPMENT SHALL BE LOCATED 10 FEET MINIMUM FROM ROOF EDGE.
- DEVICES REQUIRED TO BE ACCESSIBLE SHALL NOT BE INSTALLED ABOVE DRYWALL CEILINGS. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF HARD CEILINGS.
- SMOKE DAMPERS SHALL BE ACTUATED BY CEILING MOUNTED SMOKE DETECTORS FURNISHED AND INSTALLED BY DIV. 28/27.
- ALL FIRE DAMPERS AND SMOKE DAMPERS (AS APPLICABLE) SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S UL LISTED DETAILS.

ROOF AIR CONDITIONER SCHEDULE

ITEM	AIRFLOW CFM		EXT. STATIC IN. WG	COOLING CAPACITY @ 95°F O.A.				GAS INPUT MBH	GAS OUTPUT MBH	REMARKS
	TOTAL	O.A.		TOTAL MBH	SENS. MBH	ENTERING AIR				
						DB °F	WB °F			
RAC-1	6,000	1,000	0.75	194	140	80	67	220	178	YORK AD DEHUM / SAV / 10.80 EER / 14.4 IEER
RAC-2	6,000	1,000	0.75	194	140	80	67	220	178	YORK AD DEHUM / SAV / 10.80 EER / 14.4 IEER
RAC-3	7,500	500	0.75	195	151	80	67	220	178	YORK AD DEHUM / SAV / 10.80 EER / 14.4 IEER

- REFER TO ELECTRICAL PLANS FOR POWER CONNECTIONS. REFER TO SPEC SECTION 235310 FOR FURTHER INFORMATION.
- INSTALL AN AIR TREATMENT DEVICE(S) IN ALL RAC UNITS.
- ALL UNITS RATED 54,000 BTU/HR AND ABOVE SHALL HAVE AN ECONOMIZER.

DUCTLESS HEAT PUMP SCHEDULE

ITEM	AIRFLOW CFM		EXT. STATIC IN. WG	COOLING CAPACITY @ 95°F O.A.				REMARKS
	TOTAL	O.A.		TOTAL MBH	SENS. MBH	ENTERING AIR		
						DB °F	WB °F	
DHP-15 DAH-15	380	---	---	9.0	6.0	80	67	MITSUBISHI TRANE NTXS / NTXC 20.0 SEER
DHP-16 DAH-16	380	---	---	9.0	6.0	80	67	MITSUBISHI TRANE NTXS / NTXC 20.0 SEER
DHP-17 DAH-17	380	---	---	9.0	6.0	80	67	MITSUBISHI TRANE NTXS / NTXC 20.0 SEER
DHP-18 DAH-18	420	---	---	16	11	80	67	MITSUBISHI TRANE NTXC / NTXS 20.0 SEER
DHP-19 DAH-19	650	---	---	18	12	80	67	MITSUBISHI TRANE TPKA / TRUZA 20.0 SEER
DHP-20 DAH-20	780	---	---	24	16	80	67	MITSUBISHI TRANE TPKA / TRUZA 20.5 SEER
DHP-21 DAH-21	875	---	---	24	18	80	67	MITSUBISHI TRANE NTXS / NTXC 20.5 SEER

- REFER TO ELECTRICAL PLANS FOR POWER CONNECTIONS. REFER TO SPEC SECTION 235310 / 236110 FOR FURTHER INFORMATION.
- INSTALL AN AIR TREATMENT DEVICE(S) IN ALL DAH UNITS.

FAN SCHEDULE

ITEM	AIRFLOW CFM	EXT. STATIC IN. WG	TYPE	MAX. SONE RATING	MAX. FAN RPM	MAX. MOTOR HP	REMARKS
EF-16	550	0.5	ROOF CENTRIFUGAL DIRECT DIVE	8.0	1608	1/10	GREENECK G EMCS CONTROL
EF-17	175	0.25	ROOF CENTRIFUGAL DIRECT DIVE	5.0	1200	1/10	GREENECK G EMCS CONTROL
EF-18	600	0.25	ROOF CENTRIFUGAL DIRECT DIVE	9.0	1700	1/10	GREENECK G EMCS CONTROL
KEF-1	7600 / 3000	1.5	ROOF CENTRIFUGAL DIRECT DRIVE UPBLAST	28.0	1123	5	GREENECK CUE HOOD SWITCH
KEF-2	1610 / 880	1.0	ROOF CENTRIFUGAL DIRECT DRIVE UPBLAST	14.5	1437	3/4	GREENECK CUE HOOD SWITCH

- REFER TO ELECTRICAL PLANS FOR POWER CONNECTIONS. REFER TO SPEC SECTION 233210 FOR FURTHER INFORMATION.

ELECTRIC HEATER SCHEDULE

ITEM	TYPE	CAPACITY KW	AIRFLOW CFM	CONTROL	REMARKS
EH-3	HEAVY DUTY WALL HEATER	4.8	100	INTEGRAL T-STAT	MARK AWH SURFACE MOUNT

- REFER TO ELECTRICAL PLANS FOR POWER CONNECTIONS. REFER TO SPEC SECTION 233110 FOR FURTHER INFORMATION.

MAKE-UP UNIT SCHEDULE

ITEM	AIRFLOW CFM		EST. STATIC IN. WG	GAS INPUT MBH	GAS OUTPUT MBH	MAX FAN HP	REMARKS
	MAX.	MIN.					
MAU-1	6840	2728	1.0	344.5	316.9	7.5	GREENHECK DGX
MAU-2	1450	800	1.0	73.0	67.2	1.5	GREENHECK DGX

- REFER TO ELECTRICAL PLANS FOR POWER CONNECTION. REFER TO SPEC SECTION 232510 FOR FURTHER INFORMATION.

AIR DISTRIBUTION SCHEDULE

DESIGNATION	DESCRIPTION
Q	6"x6" WALL EXHAUST GRILLE
R	8" ROUND NECK SQUARE CEILING DIFFUSER, FLANGE FRAME
T	8" ROUND NECK SQUARE CEILING DIFFUSER, LAY-IN
TA	8" ROUND NECK SQUARE CEILING DIFFUSER, LAY-IN
V	10" ROUND NECK SQUARE CEILING DIFFUSER, LAY-IN
W	12" ROUND NECK SQUARE CEILING DIFFUSER, LAY-IN
X	12" ROUND NECK SQUARE PERFORATED FACE CEILING DIFFUSER, LAY-IN
Y	1'x2' EGGRATE RETURN / EXHAUST GRILLE, LAY-IN PANEL
Z	1'x2' EGGRATE RETURN GRILLE, LAY-IN PANEL
ZA	2'x2' EGGRATE RETURN / EXHAUST GRILLE, LAY-IN PANEL

- REFER TO SPEC SECTION 232210 FOR FURTHER INFORMATION.

MECHANICAL LEGEND

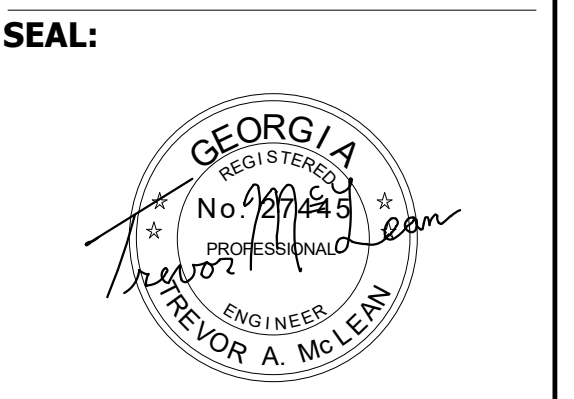
	SUPPLY AIR DUCT
	RETURN AIR DUCT OR EXHAUST DUCT
	DUCT TRANSITION
	X=DIFFUSER TYPE / Y=THROW
	Z=AIRFLOW, CFM
	MD MANUAL DAMPER
	MOTORIZED DAMPER
	VAVD VARIABLE AIR VOLUME DAMPER
	FD FIRE DAMPER
	SD SMOKE DAMPER
	TURNING VANES
	FLEXIBLE DUCT CONNECTION
	THERMOSTAT/TEMPERATURE SENSOR
	HUMIDISTAT/HUMIDITY SENSOR
	COMBO TEMP./HUMIDITY SENSOR
	DUCT SMOKE DETECTOR
	CONNECT TO EXISTING
	VSD VARIABLE SPEED DRIVE
	SAV STAGED AIR VOLUME
	DEHUM DEHUMIDIFICATION
	HP SPLIT SYSTEM HEAT PUMP
	AH SPLIT SYSTEM AIR HANDLER
	DHP DUCTLESS HEAT PUMP
	DAH DUCTLESS AIR HANDLER
	RAC ROOFTOP AIR CONDITIONER
	EH ELECTRIC HEATER
	EF EXHAUST FAN
	EMCS ENERGY MANAGEMENT CONTROL SYSTEM
	AD ACCESS DOOR
	TD TRANSFER DUCT
	Ø DIA DIAMETER
	OA OUTSIDE AIR
	UG UNDERGROUND
	W/ WITH
	AFF ABOVE FINISH FLOOR
	D HVAC DRAIN PIPING
	G GAS PIPING
	R REFRIGERANT PIPING

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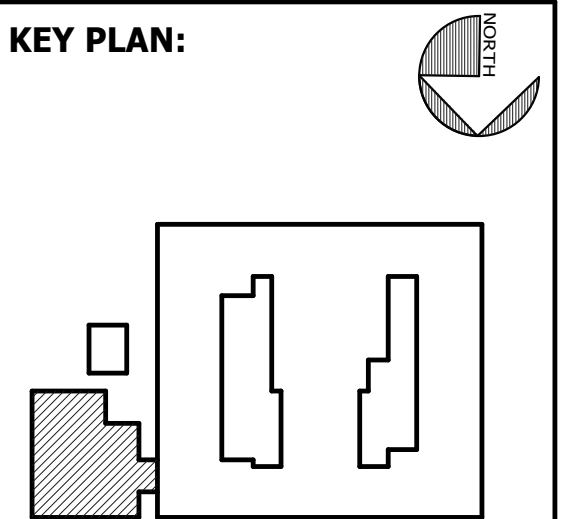


FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

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7402 HODGSON MEMORIAL DRIVE,
SUITE 100
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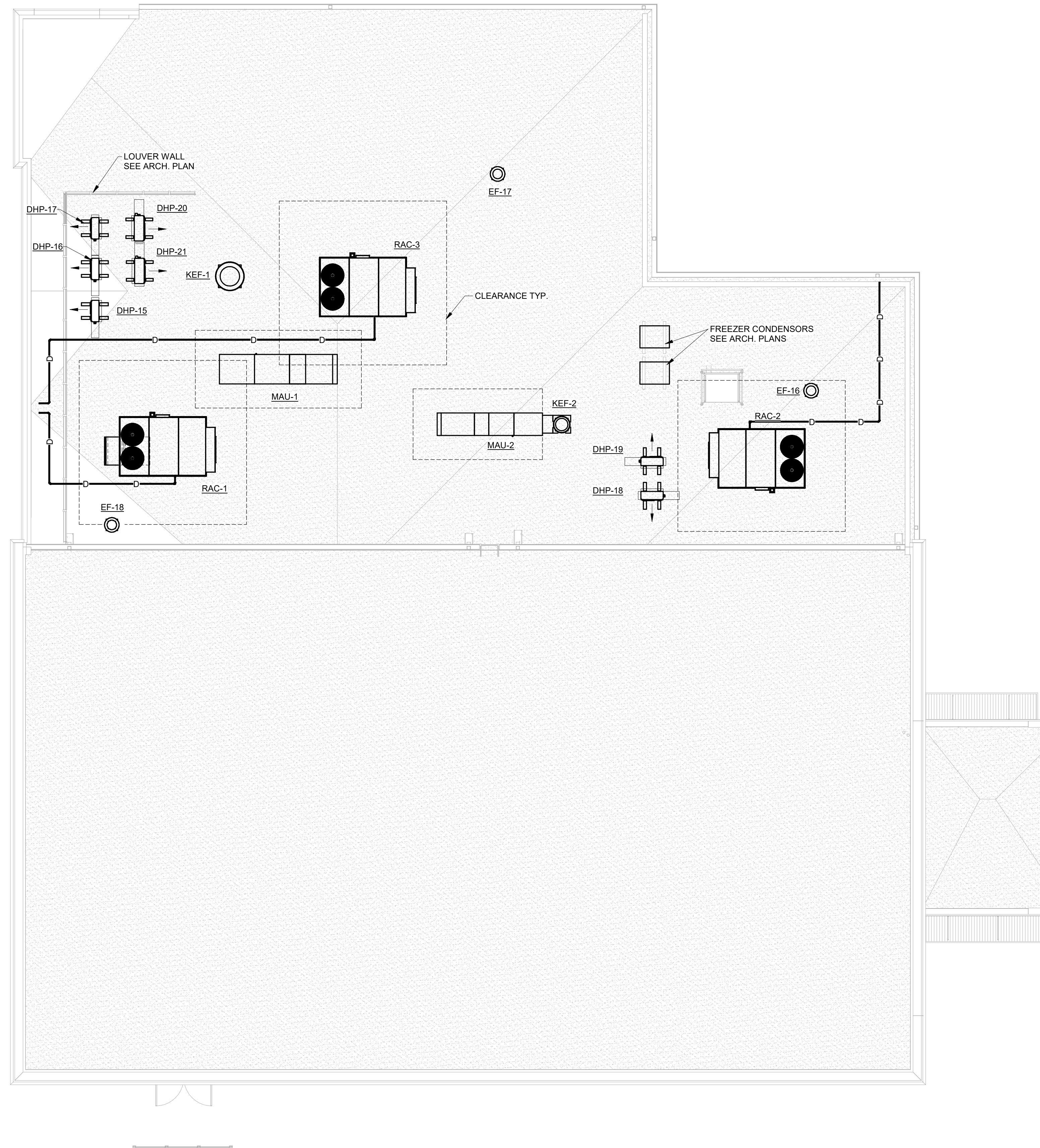


SHEET TITLE:
MECHANICAL LEGEND & SCHEDULES

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JML
SCALE: NTS
SHEET: **MC0.01**





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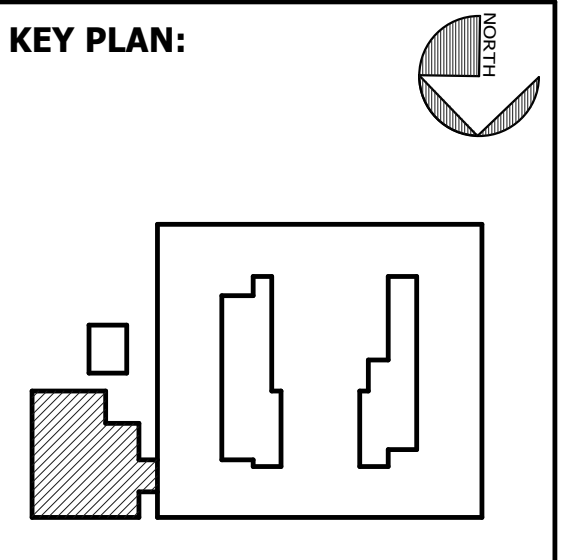
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SEAL:



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SHEET TITLE:
MECHANICAL
ROOF PLAN -
CAFETERIA
ADDITION

REVISION SCHEDULE	
DATE	DESCRIPTION

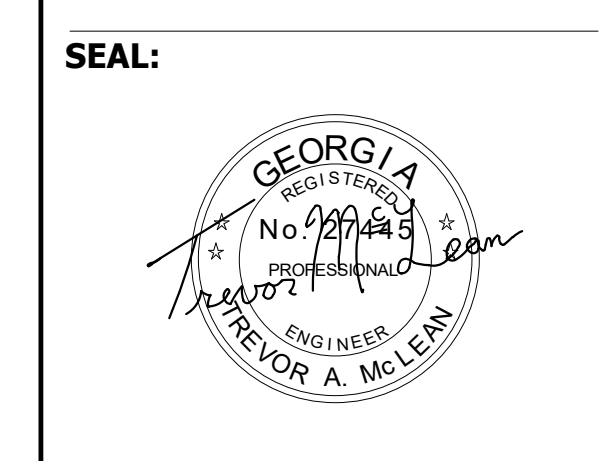
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DATE: FEB 2022
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FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

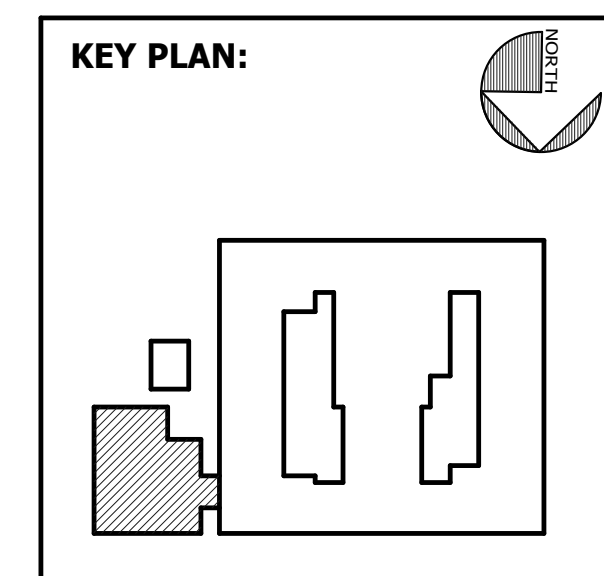
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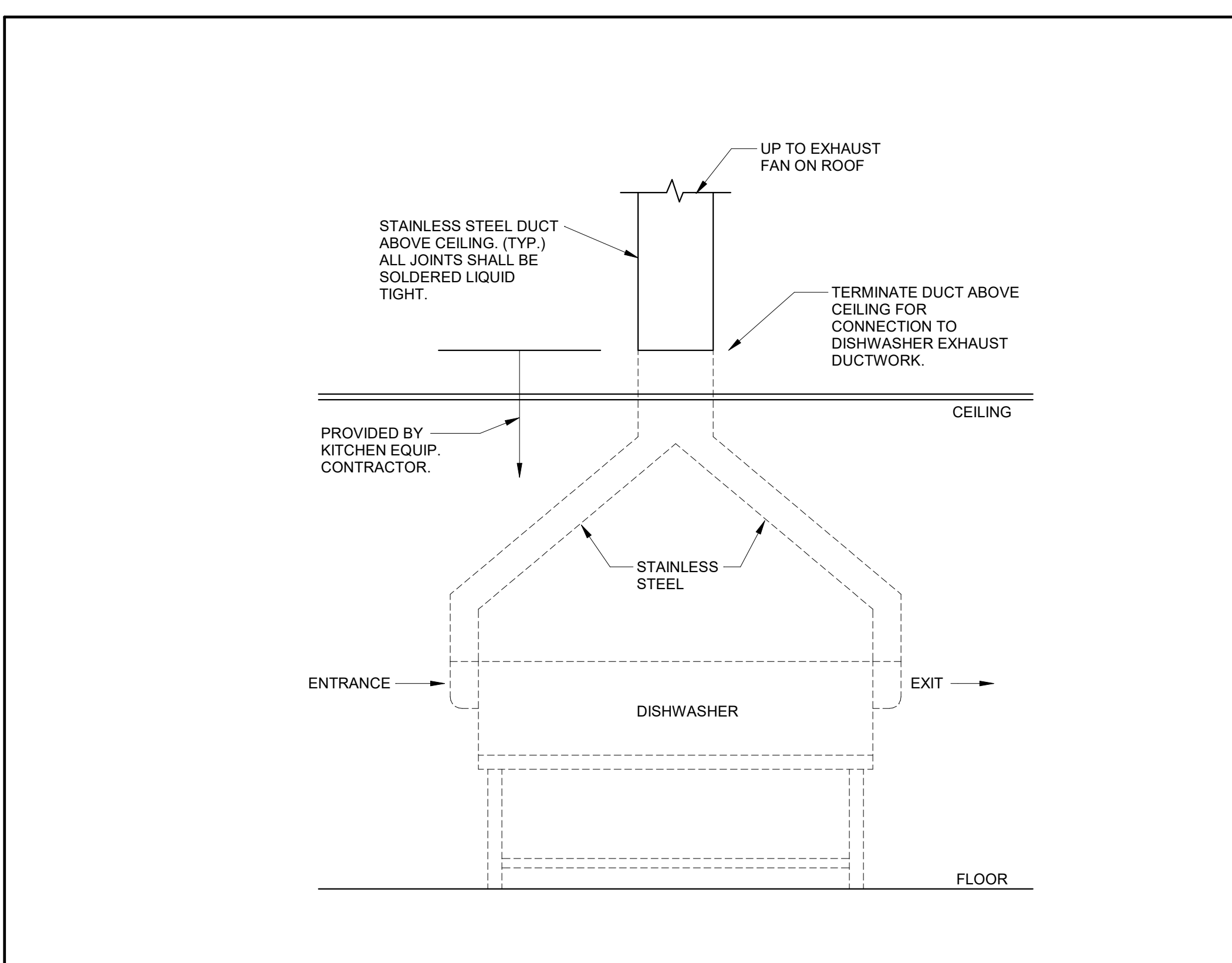


**SHEET TITLE:
MECHANICAL
DETAILS**

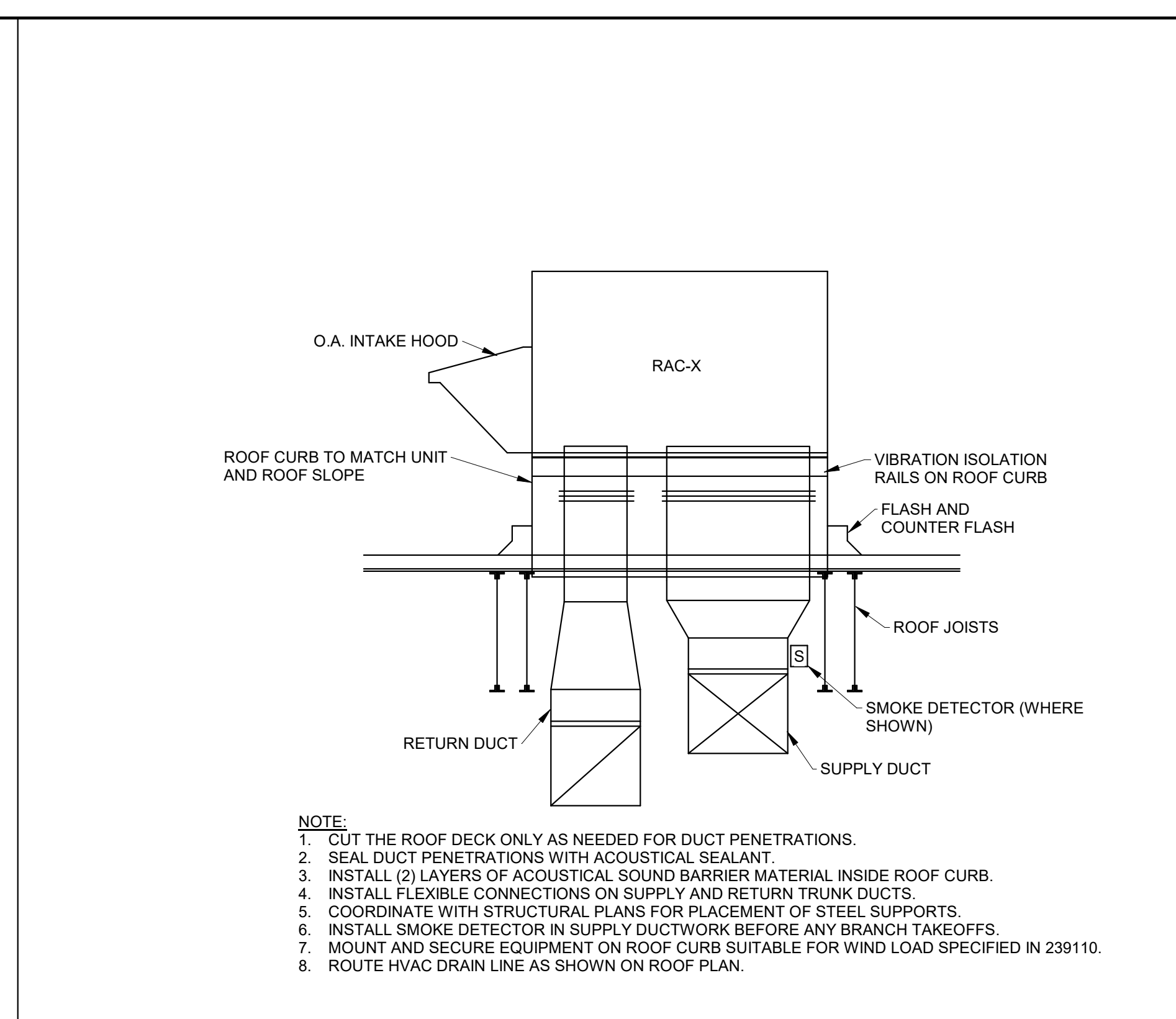
REVISION SCHEDULE

DATE	DESCRIPTION

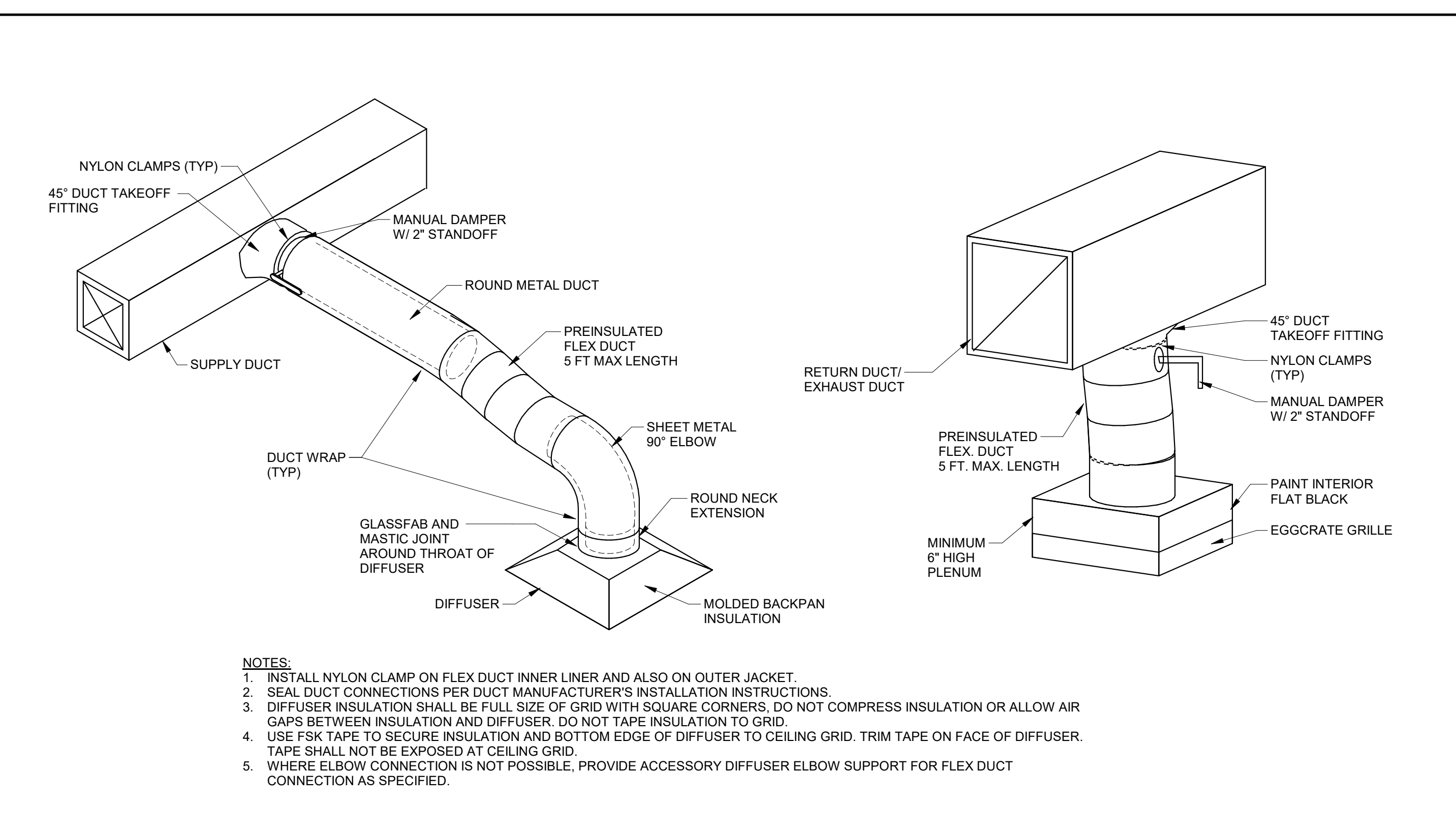
PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JML
SCALE: As indicated
SHEET: MC3.01



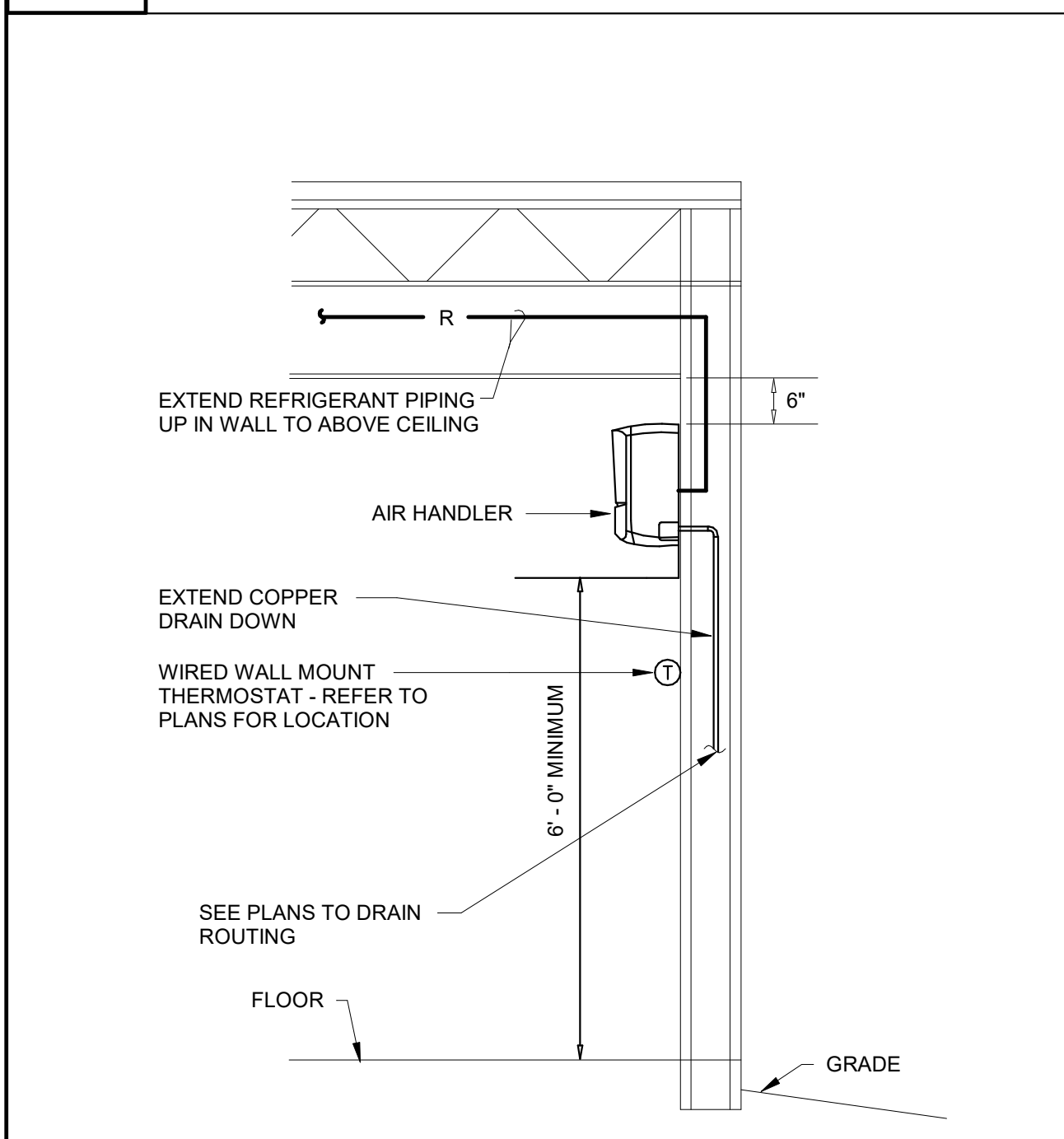
1 DISHWASHER HOOD DETAIL
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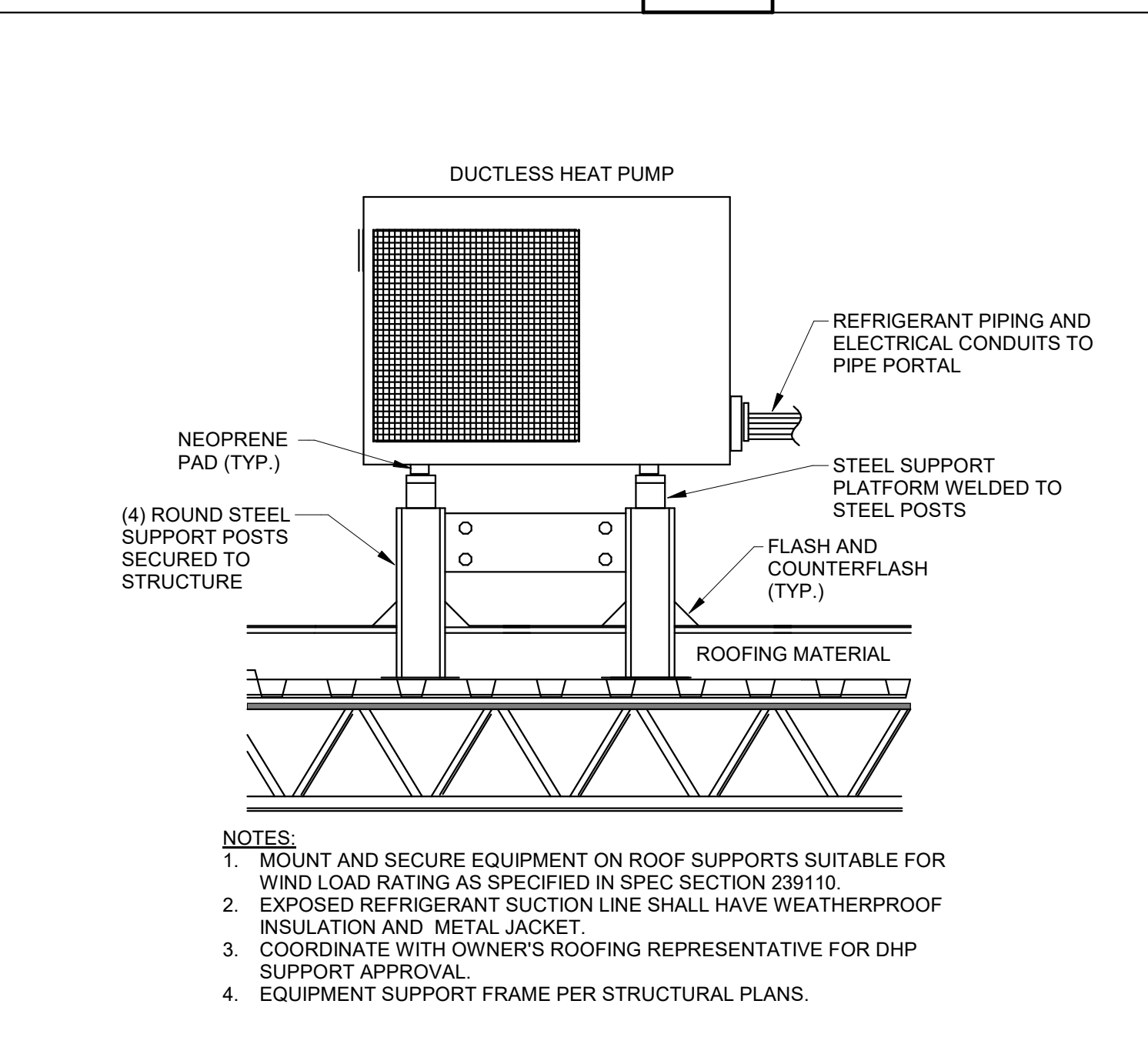
2 ROOF AIR CONDITIONER DETAIL
MC3.01 NOT TO SCALE



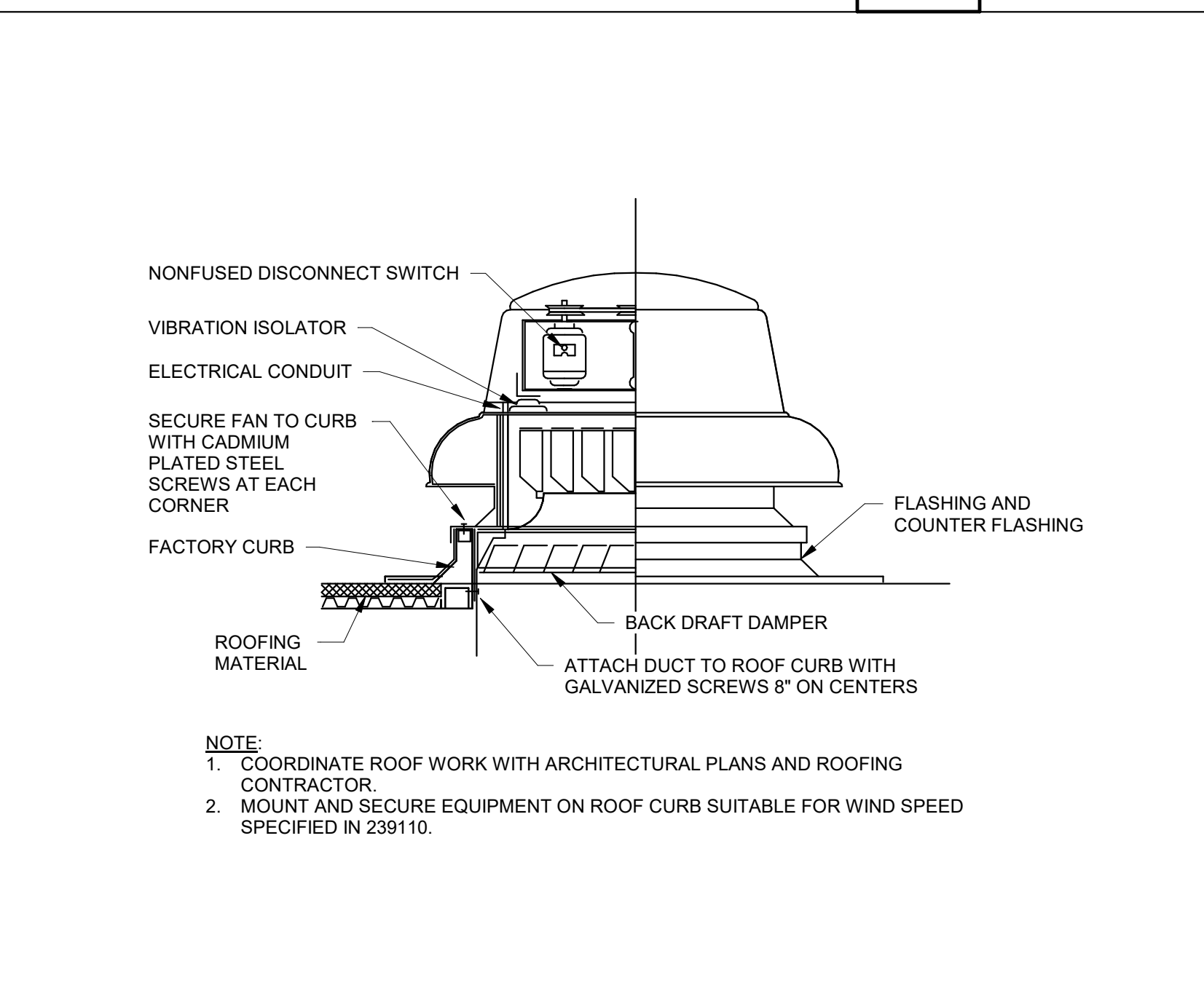
3 DIFFUSER / GRILLE DETAIL - RECTANGULAR TRUNKS
MC3.01 NOT TO SCALE



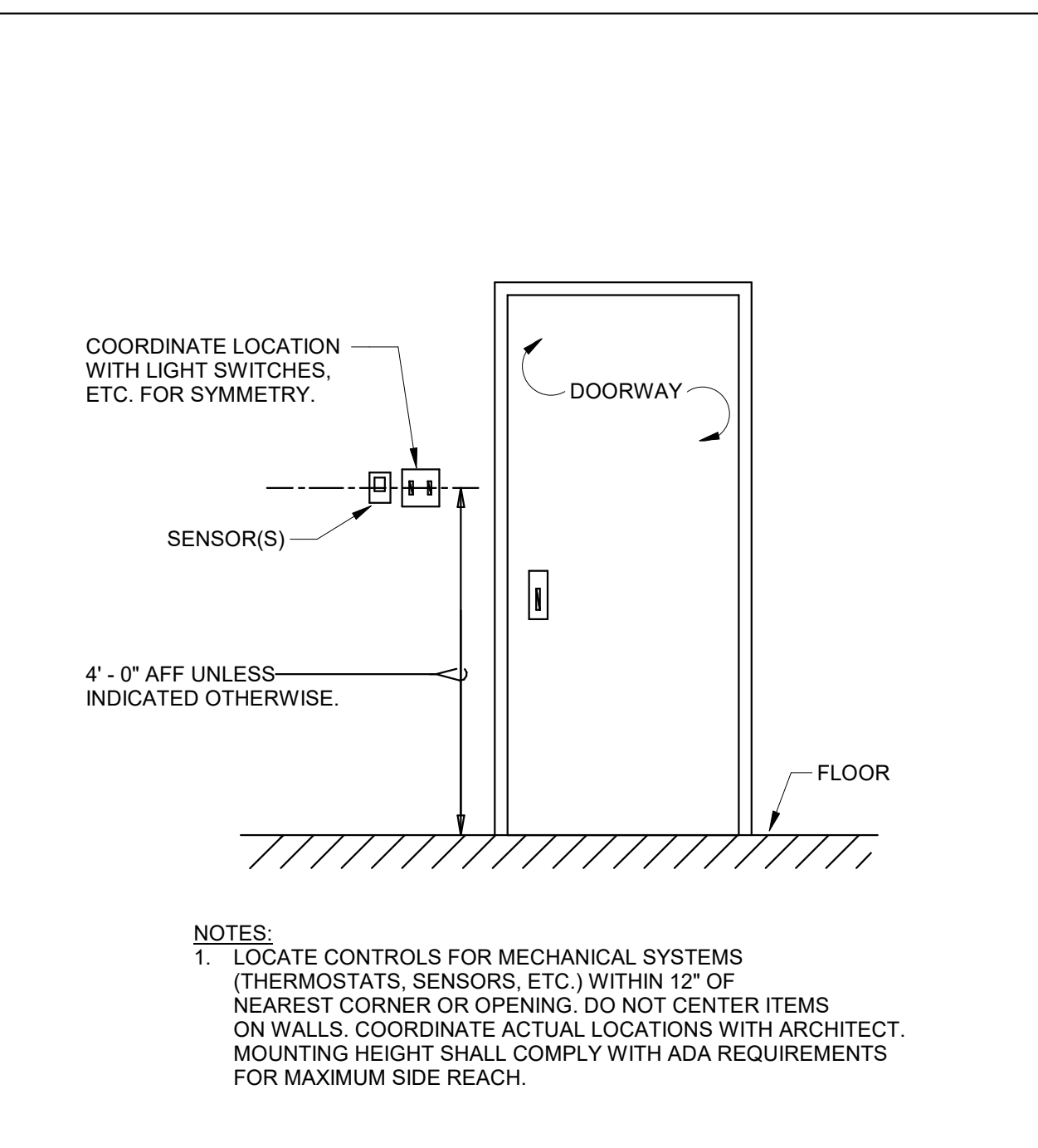
4 WALL DUCTLESS AIR HANDLER DETAIL
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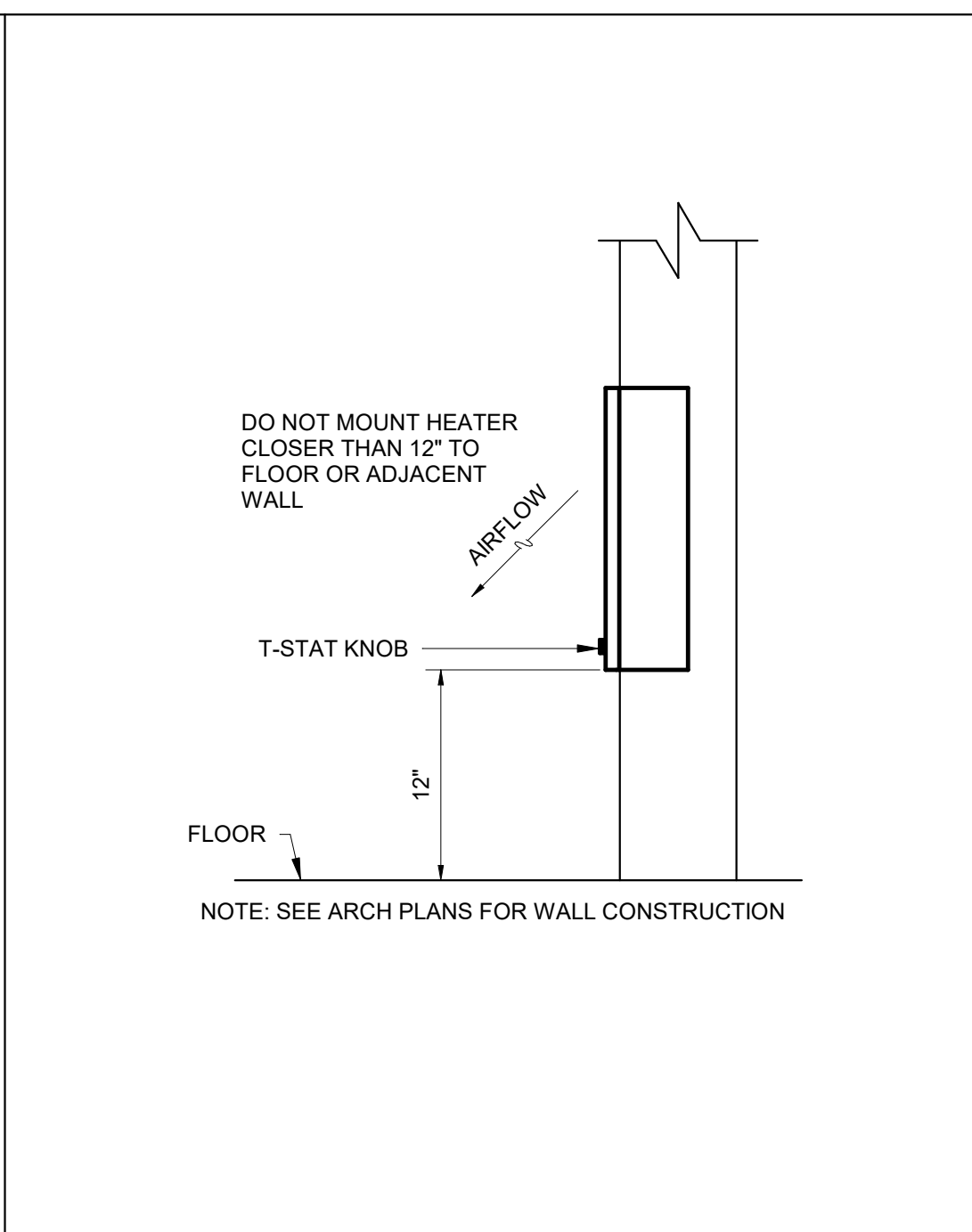
5 DUCTLESS HEAT PUMP DETAIL
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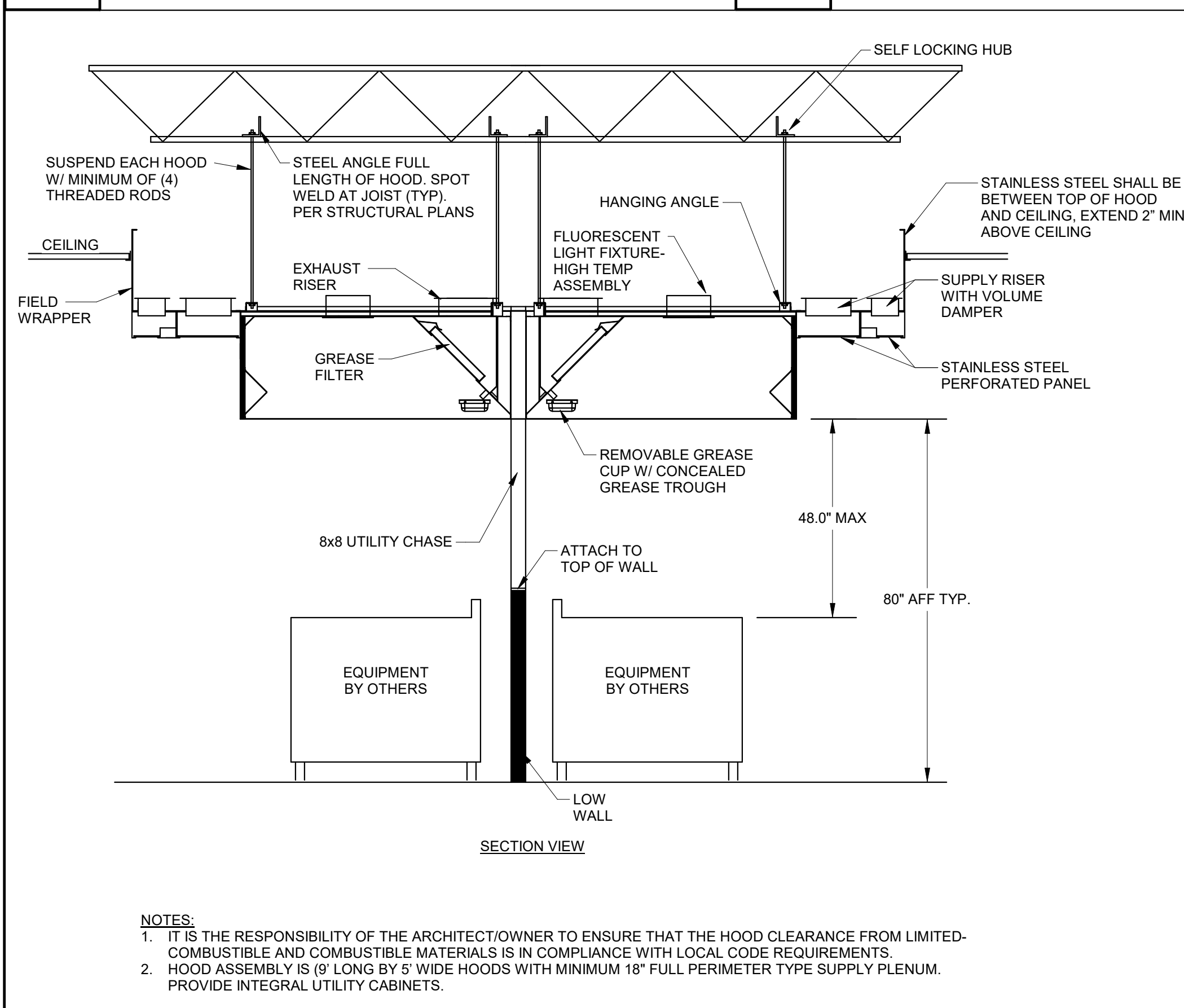
6 ROOF EXHAUST FAN DETAIL
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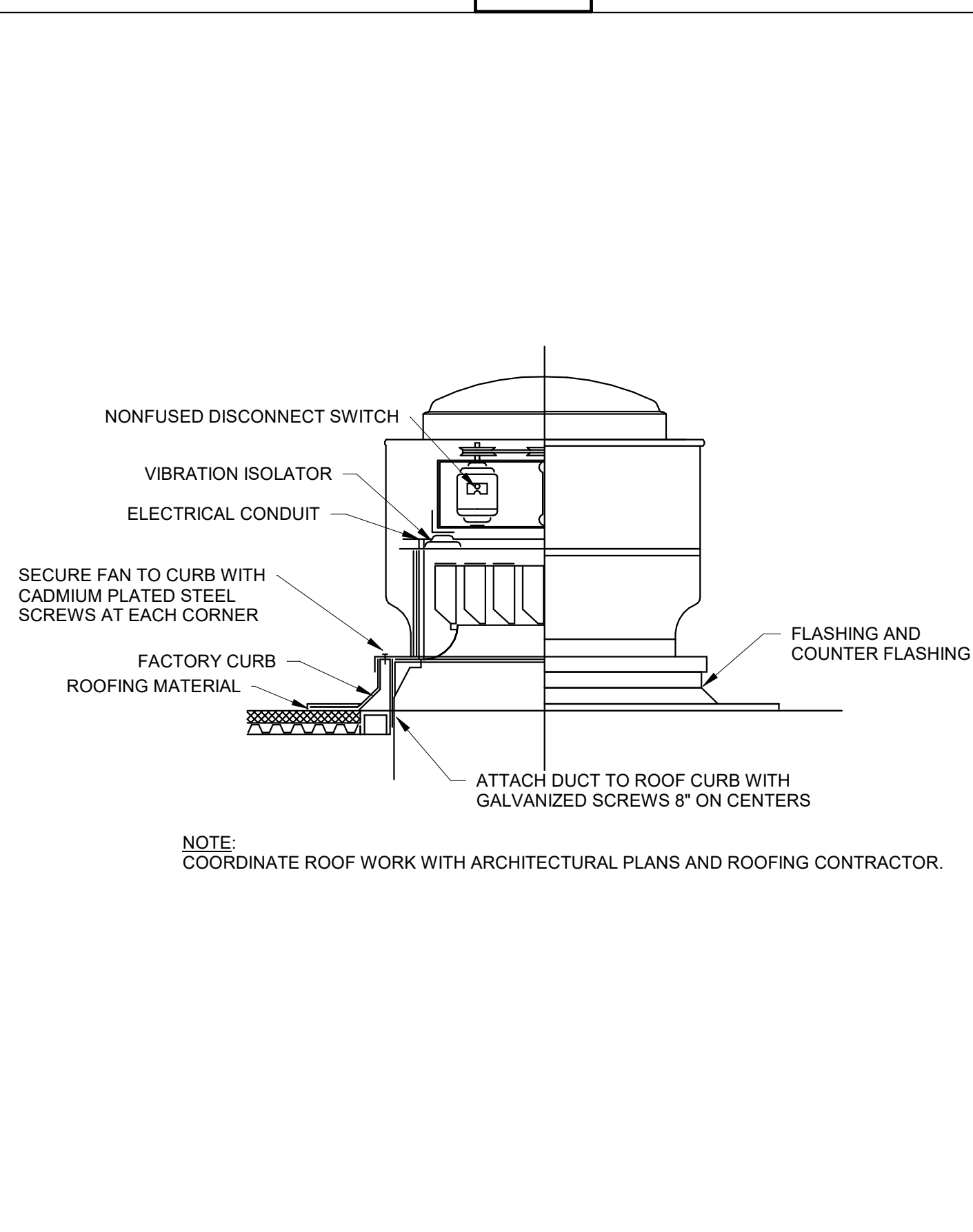
7 SENSOR MOUNTING DETAIL
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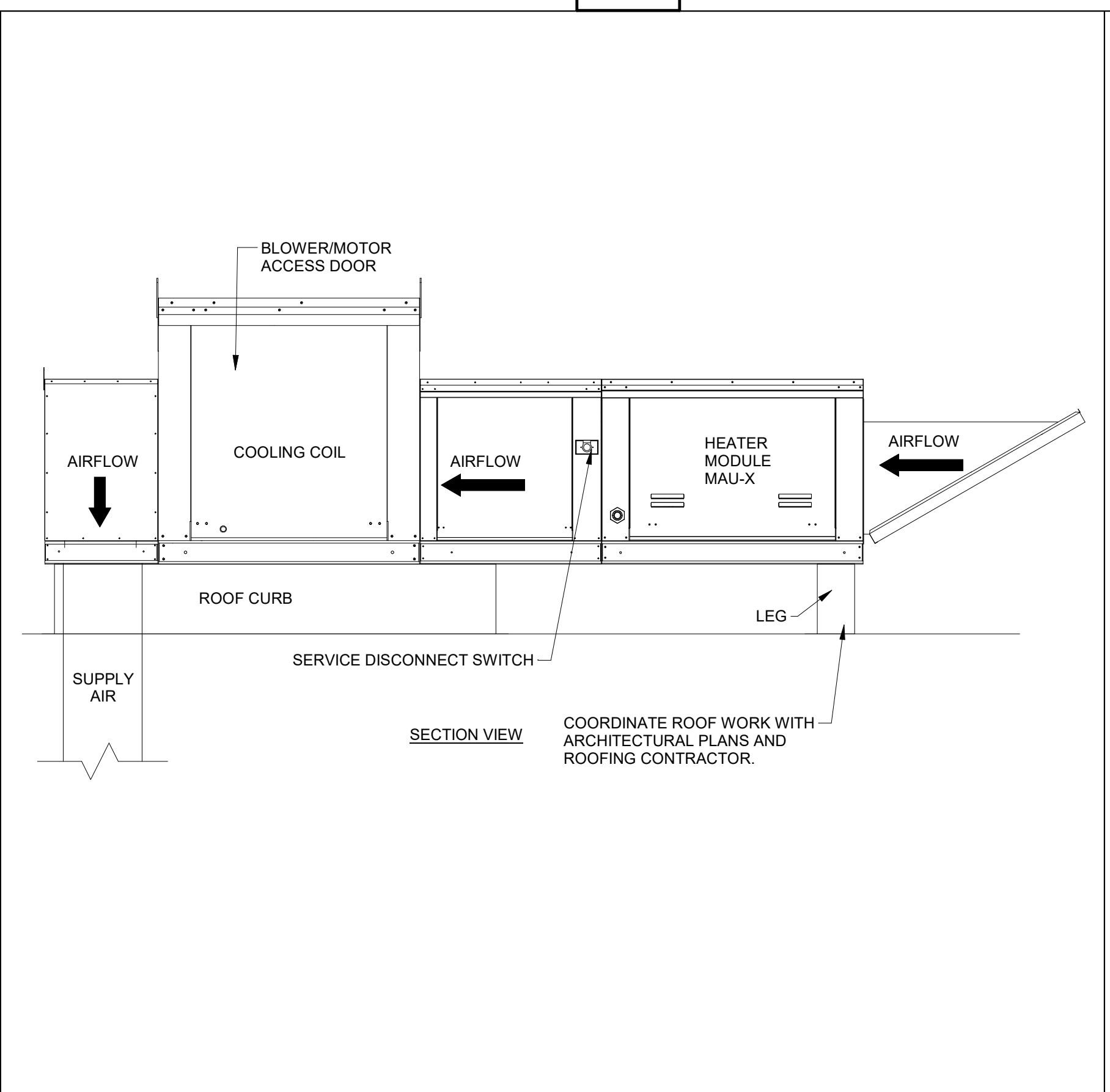
8 WALL HEATER RECESSED DETAIL
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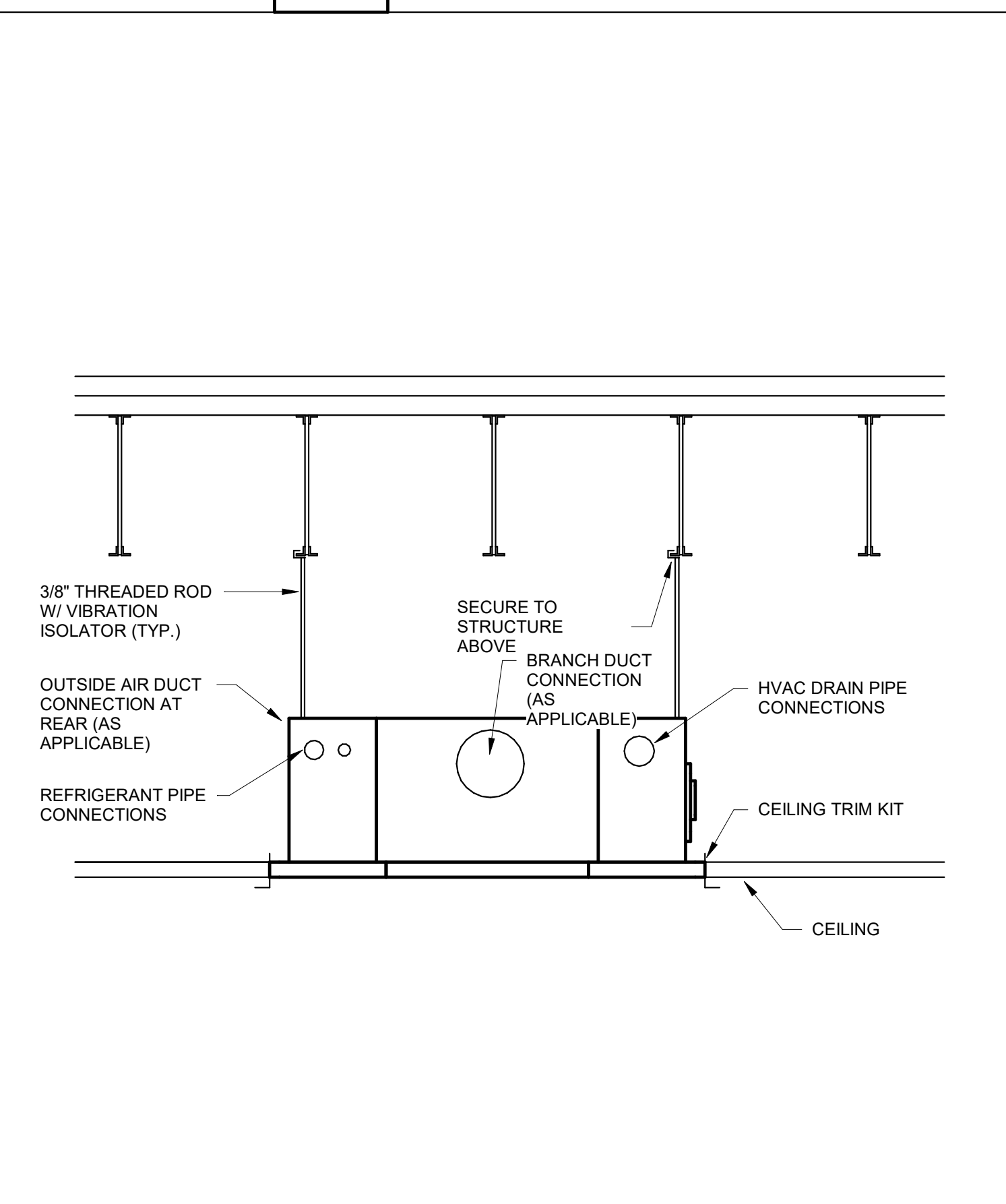
9 KITCHEN HOOD DETAIL
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10 ROOF EXHAUST FAN DETAIL
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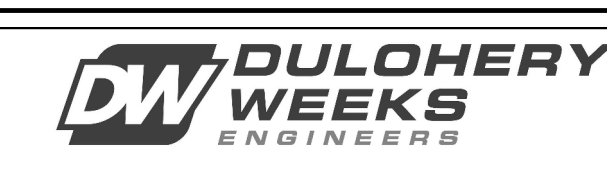


11 MAKEUP AIR UNIT DETAIL
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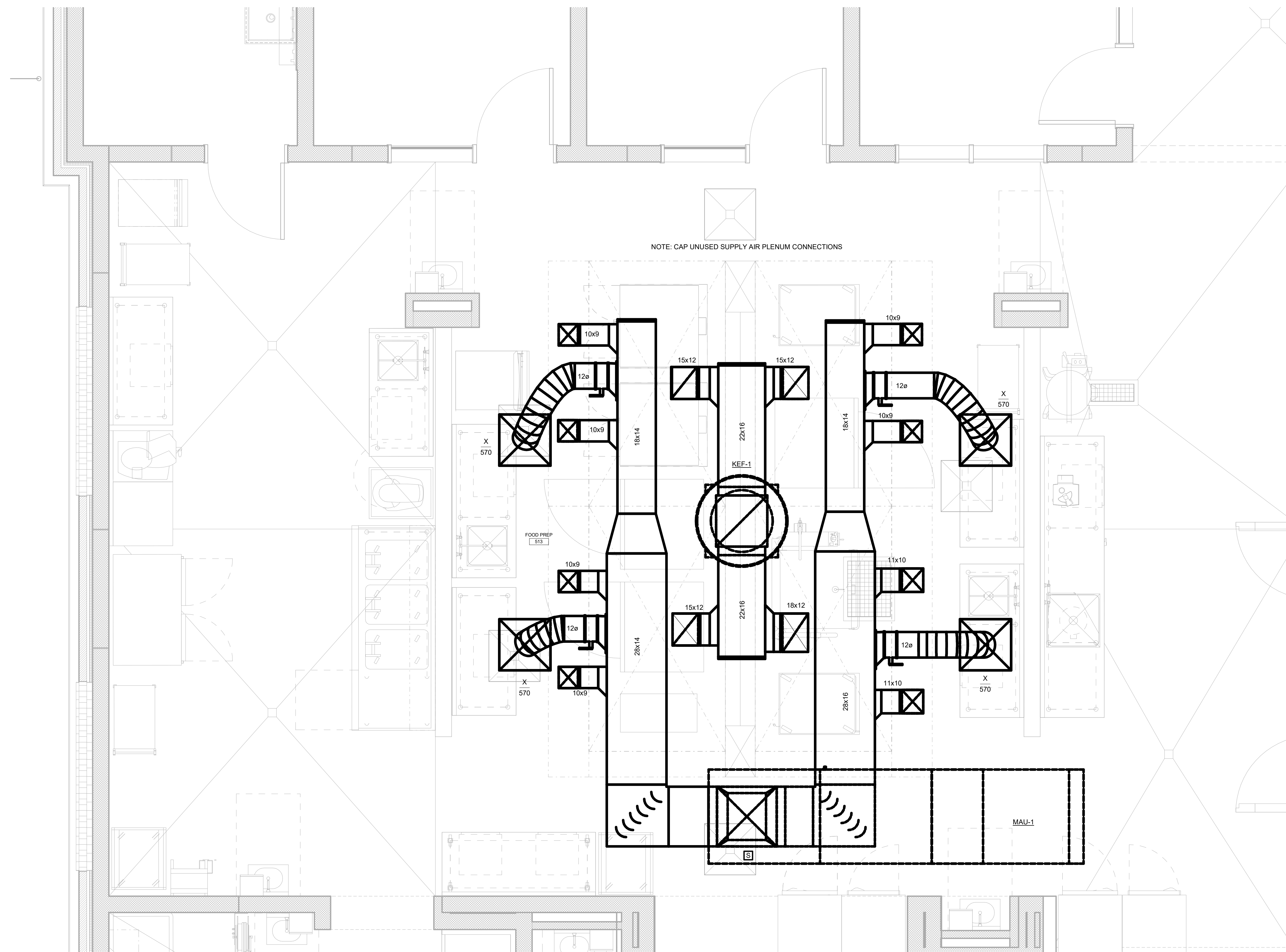
12 CEILING CASSETTE AIR HANDLER DETAIL
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BIM 360/20190115 Savannah Arts Academy Renovations/20190115-MECH.rvt
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BIM 360/20190115 Savannah Arts Academy Renovations/20190115-MECH.rvt

2/16/2022 7:38:50 PM



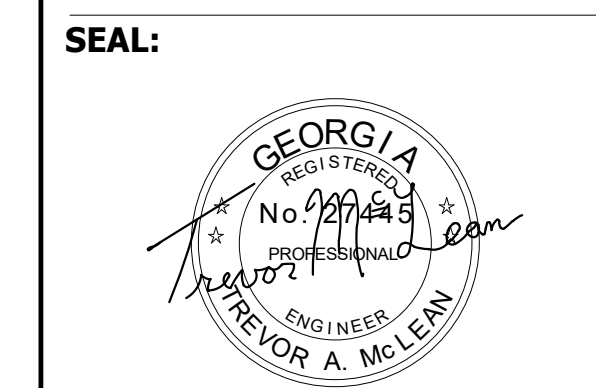
NOTE: CAP UNUSED SUPPLY AIR PLENUM CONNECTIONS

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FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

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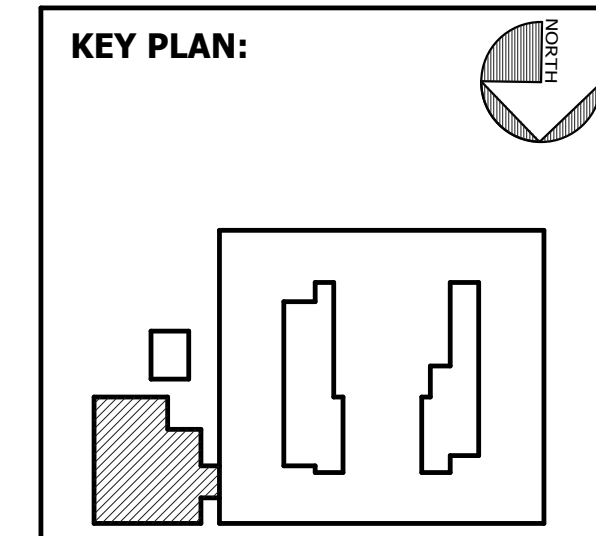


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SHEET TITLE:
MECHANICAL ENLARGED KITCHEN PLAN

REVISION SCHEDULE

DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: JML
SCALE: 1/2" = 1'-0"
SHEET: **MC4.01**



LEGEND:

LIGHTING FIXTURES:

UPPERCASE LETTER ADJACENT TO FIXTURE DENOTES DESIGNATION PER THE LIGHTING FIXTURE SCHEDULE. LOWERCASE LETTER DENOTES SWITCH/LEG. THE RESPECTIVE SWITCH WILL HAVE THE SAME DESTINATIONS. NUMERAL DENOTES BRANCH CIRCUIT CONNECTION.

REFER TO THE FIXTURE SCHEDULE FOR THE SPECIFIC FIXTURE INFORMATION.

- LIGHTING FIXTURE: LINEAR
- LIGHTING FIXTURE: LINEAR
- LIGHTING FIXTURE: LINEAR
- LIGHTING FIXTURE: STRIP
- LIGHTING FIXTURE: WALL MTD.
- DOWNLIGHT/SCONCE FIXTURE
- EXIT LIGHT: UNIVERSAL MTD.

DEVICE IDENTIFIER TAGS:

NUMERAL ADJACENT TO DEVICE DENOTES BRANCH CIRCUIT CONNECTION. IDENTIFIER TAGS ADJACENT TO DEVICES INDICATE:

- C** MOUNT ABOVE COUNTERTOP OR BACKSPASH, 9" ABOVE WORK SURFACE TO CENTER
- XX"** MOUNT DEVICE AT HEIGHT INDICATED
- WP** PROVIDE WEATHER-PROOF COVER

RECEPTACLES:

NOMINAL MOUNTING HEIGHT OF RECEPTACLES SHALL BE 18" TO CENTER, UNO, IF APPLICABLE. ADJUST SO DEVICE COVER IS IN THE CENTER OF MASONRY COURSE NEAREST THAT HEIGHT. THE HEIGHT ESTABLISHED SHALL GOVERN FOR ALL BOX INSTALLATIONS, WHERE INSTALLED IN MASONRY OR FRAMED WALLS.

ALL RECEPTACLES SHALL BE TAMPER RESISTANT TYPE:

- RECEPTACLE: DUPLEX
- RECEPTACLE: GROUND-FAULT-INTERRUPTING TYPE
- RECEPTACLE: QUADRUPLEX
- RECEPTACLE: POWER STATION QUADRUPLEX: TWO DUPLEX RECEPTACLES WITH TWO USB PORTS UNDER COMMON FACEPLATE.
- RECEPTACLE: DRYER, 30 AMP, 120/250 VOLT
- RECEPTACLE: SPECIAL PURPOSE, COORDINATE MOUNTING HEIGHT WITH SPECIFIED EQUIPMENT
- ELECTRIC WATER COOLER HARDWIRE POWER CONNECTION, LOCKABLE GFCI BREAKER
- HAND DRYER POWER CONNECTION: COORDINATE MOUNTING HEIGHT (W/ ARCHITECTURAL ELEVATIONS SEE HAND DRYER INSTALLATION DETAIL 1/E7.01.
- RECEPTACLE FOR CLOCK (RECESSED) AND CLOCK, COORDINATE MOUNTING HEIGHT & LOCATION WITH ARCHITECTURAL FLOOR PLAN AND ELEVATIONS
- RECEPTACLE: CEILING MOUNTED

SWITCHES:

MOUNTING HEIGHT OF SWITCHES SHALL BE 48" NOMINAL, ADJUSTED IN THE SAME MANNER AS SPECIFIED ABOVE. FOR RECEPTACLES, LOWERCASE LETTER INDICATES SWITCH/LEG CONNECTION. THE RESPECTIVE FIXTURE(S) WILL HAVE THE SAME DESIGNATION.

- S** SWITCH: SINGLE-POLE
- S₃** SWITCH: THREE-WAY TYPE
- S_a** SWITCH: SUBSCRIPT THAT INDICATES CORRESPONDING FIXTURES THAT SWITCH CONTROLS
- S_K** SWITCH: KEY-OPERATED
- S_O** SWITCH: OVERRIDE
- OS** OCCUPANCY SENSOR, CEILING MOUNTED
- DL** DAYLIGHT SENSOR, CEILING MOUNTED
- ES** SWITCHED EMERGENCY LIGHTING, DETAIL 1/EC6.03
- OS** OCCUPANCY SENSOR, CORNER MOUNTED
- PC** PHOTOCELL: LOCATE UNDER EAVES, FACING NORTH, AVOID ANY OTHER OUTSIDE LIGHT SOURCE

ELECTRICAL EQUIPMENT:

REFER TO ONE-LINE DIAGRAM AND EQUIPMENT CONNECTION SCHEDULE FOR LOAD DATA USED AS THE BASIS OF DESIGN AND REQUIRED CONNECTIONS. VERIFY LOAD AND LOCATION WITH EQUIPMENT CUT-SHEETS AND INSTALLER.

- SM** SWITCH: MOTOR RATED, WITHOUT OVERLOAD PROTECTION
- DISCONNECT SWITCH
- T** DRY-TYPE TRANSFORMER
- PANELBOARD: SURFACE MOUNTED
- XX-1** EQUIPMENT AS NOTED, SEE ABBREVIATIONS, THIS SHEET
- GROUND CONNECTION

BRANCH CIRCUITS:

CONDUCTOR COUNTS ARE SHOWN ON THE HOMERUNS ONLY. CONTRACTOR SHALL DETERMINE COUNTS FOR INTERMEDIATE RUNS BASED ON THE MANNER IN WHICH THE CIRCUIT ELEMENTS ARE CONNECTED. REFER TO THE SPECIFICATION SECTIONS 262010, 262080, & 262030 FOR SPECIAL REQUIREMENTS.

- BRANCH CIRCUIT: CONCEALED
- BRANCH CIRCUIT: CONCEALED IN FLOOR SLAB
- BRANCH CIRCUIT: EXPOSED
- "HOMERUN" TO PANEL: NUMBER OF HASH MARKS INDICATES QUANTITY OF #12 AWG UNGROUNDED CONDUCTORS IN 3/4" RACEWAY. GROUNDED CONDUCTORS (NEUTRALS) ARE NOT SHOWN. NUMBER OF ARROWHEADS DENOTES QUANTITY OF CIRCUITS INSTALLED. ONE DEDICATED NEUTRAL IS REQUIRED FOR EACH CIRCUIT INSTALLED. SEE SPECIFICATIONS. EACH CONDUCTOR SHALL BE MIN. #12 AWG UNLESS NOTED OTHERWISE. FOR MECHANICAL EQUIPMENT, SEE MECHANICAL EQUIPMENT RATINGS AND CONNECTIONS SCHEDULE FOR ELECTRICAL CHARACTERISTICS.
- LA-1,3,5**

FIRE ALARM:

- FIRE ALARM PULL STATION, WALL MOUNTED WITH OPERABLE PART OF THE DEVICE AT 42" AFF.
- FIRE ALARM SIGNAL, SPEAKER AND FLASHING LIGHT, 80" AFF TO THE BOTTOM OF THE LENS. "C" DESIGNATION INDICATES CEILING MOUNTED.
- FIRE ALARM STROBE LIGHT, 80" AFF TO THE BOTTOM OF THE LENS.
- FIRE ALARM STROBE LIGHT, CEILING MOUNTED.
- FIRE ALARM SIGNAL, HORN, 90" AFF TO THE TOP OF THE DEVICE. WEATHER PROOF.
- FIRE ALARM SMOKE DETECTOR, CEILING MOUNTED.
- FIRE ALARM DUCT SMOKE DETECTOR LOCATED IN HVAC DUCT.
- FIRE ALARM HEAT DETECTOR, 135 DEG. OPERATION.
- FIRE ALARM CARBON MONOXIDE DETECTOR.
- FIRE ALARM CONNECTION, HOOD EXTINGUISHING SYSTEM. SEE MECHANICAL DRAWINGS FOR LOCATION. INTERLOCK WITH SHUNT TRIP BREAKERS FOR EQUIPMENT UNDER HOOD.
- FIRE ALARM DOOR HOLDER, WALL MOUNTED. CONSULT ARCHITECTURAL DRAWINGS TO DETERMINE TYPE REQUIRED. PROVIDE POWER FROM NEAREST RECEPTACLE CIRCUIT AND CONNECT TO FIRE ALARM SYSTEM.
- TAMPER SWITCH, FURNISHED AND INSTALLED WITH SPRINKLER SYSTEM. INTERLOCK WITH FIRE ALARM SYSTEM BY ELECTRICAL.
- FLOW SWITCH, FURNISHED AND INSTALLED WITH SPRINKLER SYSTEM. INTERLOCK WITH FIRE ALARM SYSTEM BY ELECTRICAL.
- FIRE ALARM CONTROL PANEL, FLUSH RECESSED WALL MOUNTED.
- FIRE ALARM REMOTE LCD ANNUNCIATOR PANEL, FLUSH RECESSED WALL MOUNTED.
- FIRE ALARM REMOTE VOICE EVACUATION MICROPHONE FLUSH RECESSED WALL MOUNTED.
- ELECTRIC BELL, FURNISHED AND INSTALLED WITH SPRINKLER SYSTEM. INTERLOCK WITH FIRE ALARM SYSTEM BY ELECTRICAL.

INTRUSION DETECTION SYSTEM:

COORDINATE MOUNTING HEIGHTS, DEVICE LOCATIONS & POWER/CONTROL REQUIREMENTS WITH ARCHITECTURAL DRAWINGS AND SYSTEM INSTALLER.

- INTRUSION DETECTION DEVICE: WALL MTD.

MISCELLANEOUS COMPONENTS:

- JUNCTION BOX: MTD. ABOVE CEILING
- JUNCTION BOX: WALL MTD.

SPEAKER SYSTEM:

COORDINATE MOUNTING HEIGHTS, DEVICE LOCATIONS & POWER/CONTROL REQUIREMENTS WITH ARCHITECTURAL DRAWINGS AND SYSTEM INSTALLER.

- SPEAKER - SEE DRAWINGS AND SPECIFICATIONS FOR TYPE.
- INTERCOM SPEAKER: 2' X 2' SQUARE CEILING MOUNTED
- MICROPHONE JACK: WALL MOUNTED AT 18" AFF. UNO.
- ENHANCED STAFF PHONE: WALL MOUNTED 48" AFF

ROUGH-IN FOR LOW VOLTAGE SYSTEMS:

THE CONTRACTOR SHALL PROVIDE ROUGH-IN FOR ALL DEVICES AND WIRING. ROUGH-IN REQUIREMENTS ARE SPECIFIED IN SECTION 261010. VERIFY ADJACENCY TO CORRESPONDING POWER RECEPTACLES. OTHER DEVICES WHOSE LOCATIONS ARE NOT DEPENDENT ON RECEPTACLE PLACEMENT SHALL BE COORDINATED WITH SYSTEM INSTALLER.

- WALL MTD. TELECOMMUNICATION JUNCTION BOX AND CONDUIT ROUGH-IN TO NEAREST ACCESSIBLE CEILING
- WALL MTD. TELECOMMUNICATION JUNCTION BOX AND CONDUIT ROUGH-IN TO NEAREST ACCESSIBLE CEILING
- CEILING MTD. TELECOMMUNICATION JUNCTION BOX AND CONDUIT ROUGH-IN TO NEAREST ACCESSIBLE CEILING
- CEILING MTD. OR WALL MTD TELECOMMUNICATION JUNCTION BOX AND CONDUIT ROUGH-IN FOR OWNER PROVIDED CAMERAS TO NEAREST ACCESSIBLE CEILING
- AUDIO VISUAL OUTLET, SEE DETAIL 2/EC6.03

ACCESS CONTROL SYSTEMS

- SEE DETAIL FOR POWER, POWER DISCONNECT, LOW VOLTAGE CABLING, BOXES AND CONDUIT REQUIREMENTS. REFER TO ARCHITECTURAL PLANS AND DOOR SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- CARD READER
- DOOR POSITION SWITCH

CABLING COMPONENTS:

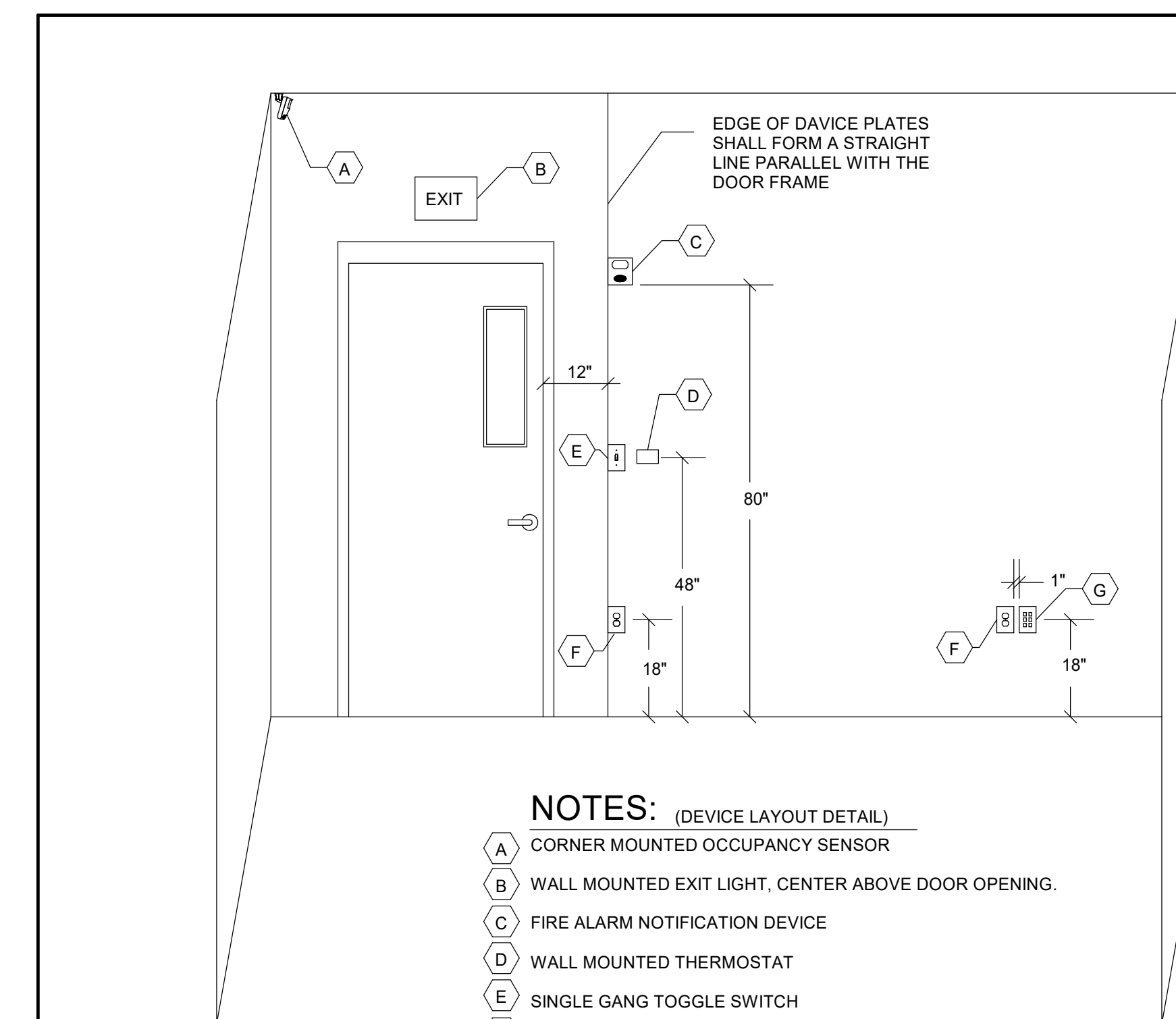
- CONDUIT SLEEVE: NUMBER & SIZE, (2)-2" FOR ALL CLASSROOMS, (1)-2" FOR ALL OFFICES. UNO
- CABLE TRAY: SIZE AS INDICATED, 18"W X 4"H TYP.

GENERAL NOTES:

- THE ELECTRICAL DRAWINGS ARE ONLY PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS FOR THEIR INTERRELATIONSHIP AND REQUIRED COORDINATION BETWEEN DISCIPLINES.
- WHERE COMPLETE BRANCH CIRCUIT WIRING IS NOT SHOWN, PROVIDE ACCORDING TO HOMERUNS SHOWN AND CORRESPONDING CIRCUIT NUMBERS ADJACENT TO THE DEVICE OR FIXTURE. REFER TO THE SPECIFICATIONS FOR THE WIRING METHODS. BRANCH CIRCUIT RATINGS SHALL BE BASED ON OVERCURRENT DEVICE RATINGS SHOWN IN THE PANEL SCHEDULES.
- REFER TO THE ELECTRICAL PANELBOARD SCHEDULES AND EQUIPMENT RATINGS & CONNECTIONS SCHEDULE FOR VOLTAGE, BRANCH CIRCUITS REQUIREMENTS. BREAKERS SIZES AND OTHER RELATED ELECTRICAL EQUIPMENT TO BE PROVIDED AND/OR INSTALLED BY THE ELECTRICAL CONTRACTOR.
- EACH DOOR SHALL HAVE ONE 34°C FROM DOOR FRAME TO DOOR CONTROLLER ENCLOSURE (ASSUME WITHIN 50' OF DOOR). ONE DEDICATED 20A, 120 VOLT CIRCUIT TO SAME CONTROLLER ENCLOSURE.

ABBREVIATIONS:

- | | |
|--|--|
| A AMPERES | MIN MINIMUM |
| AFB ABOVE FINISHED FLOOR | MOCPP MAXIMUM OVERCURRENT PROTECTION |
| AFG ABOVE FINISHED GRADE | MTD MOUNTED |
| AH AIR HANDLER | No. NUMBER |
| AIC AMPERE INTERRUPTING CAPACITY | NEC NATIONAL ELECTRIC CODE |
| ATU AIR TERMINAL UNIT | NTS NOT TO SCALE |
| AV AUDIO/VISUAL | PIV POST INDICATOR VALVE |
| AWG AMERICAN WIRE GAUGE | RGS RIGID GALVANIZED STEEL |
| BFG BELOW FINISHED GRADE | RTU ROOFTOP UNIT |
| B.E. BOTTOM EDGE | SF SUPPLY FAN |
| C. CONDUIT | SPD SURGE PROTECTION DEVICE |
| CU CONDENSING UNIT | SWBD SWITCHBOARD |
| DAH DUCTLESS AIR HANDLER | TGB TELECOMMUNICATIONS GROUND BUS |
| DHP DUCTLESS HEAT PUMP | TMGB TELECOMMUNICATIONS MAIN GROUND BUS |
| DIA. DIAMETER | TTW THROUGH-THE-WALL HEAT PUMP |
| ECB ENCLOSED CIRCUIT BREAKER | TYP TYPICAL |
| EF EXHAUST FAN | UH UNIT HEATER |
| EH ELECTRIC HEATER | UNO UNLESS NOTED OTHERWISE |
| EMCS ENERGY MANAGEMENT CONTROL UNIT | V VOLTAGE |
| FAAP FIRE ALARM ANNUNCIATOR PANEL | W WATTAGE |
| FACP FIRE ALARM CONTROL PANEL | W/ WITH |
| G GROUND | WH WATER HEATER |
| GFI GROUND-FAULT INTERRUPTING | WHP WALL-MOUNTED HEAT PUMP |
| HP HORSE POWER | WP WEATHER PROOF |
| HRVU HEAT RECOVERY VENTILATING UNIT | XFMR TRANSFORMER |
| HWCP HOT WATER CIRCULATING PUMP | |
| KCML KILO CIRCULAR MIL | |
| MAH MAKEUP AIR HEATER | |
| MB MAIN BREAKER | |
| MCA MINIMUM CIRCUIT AMPS | |



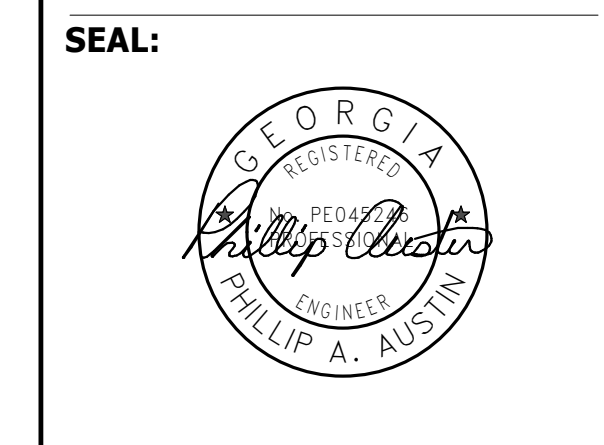
NOTES: (DEVICE LAYOUT DETAIL)

- A** CORNER MOUNTED OCCUPANCY SENSOR
- B** WALL MOUNTED EXIT LIGHT, CENTER ABOVE DOOR OPENING.
- C** FIRE ALARM NOTIFICATION DEVICE
- D** WALL MOUNTED THERMOSTAT
- E** SINGLE GANG TOGGLE SWITCH
- F** DUPLEX RECEPTACLE
- G** COMMUNICATIONS OUTLET

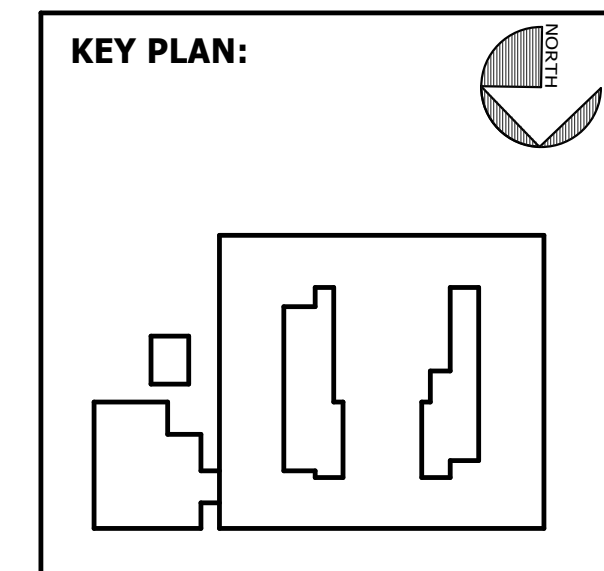


FACILITY CODE: 1607
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MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
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SHEET TITLE:
ELECTRICAL LEGEND - CAFETERIA ADDITION

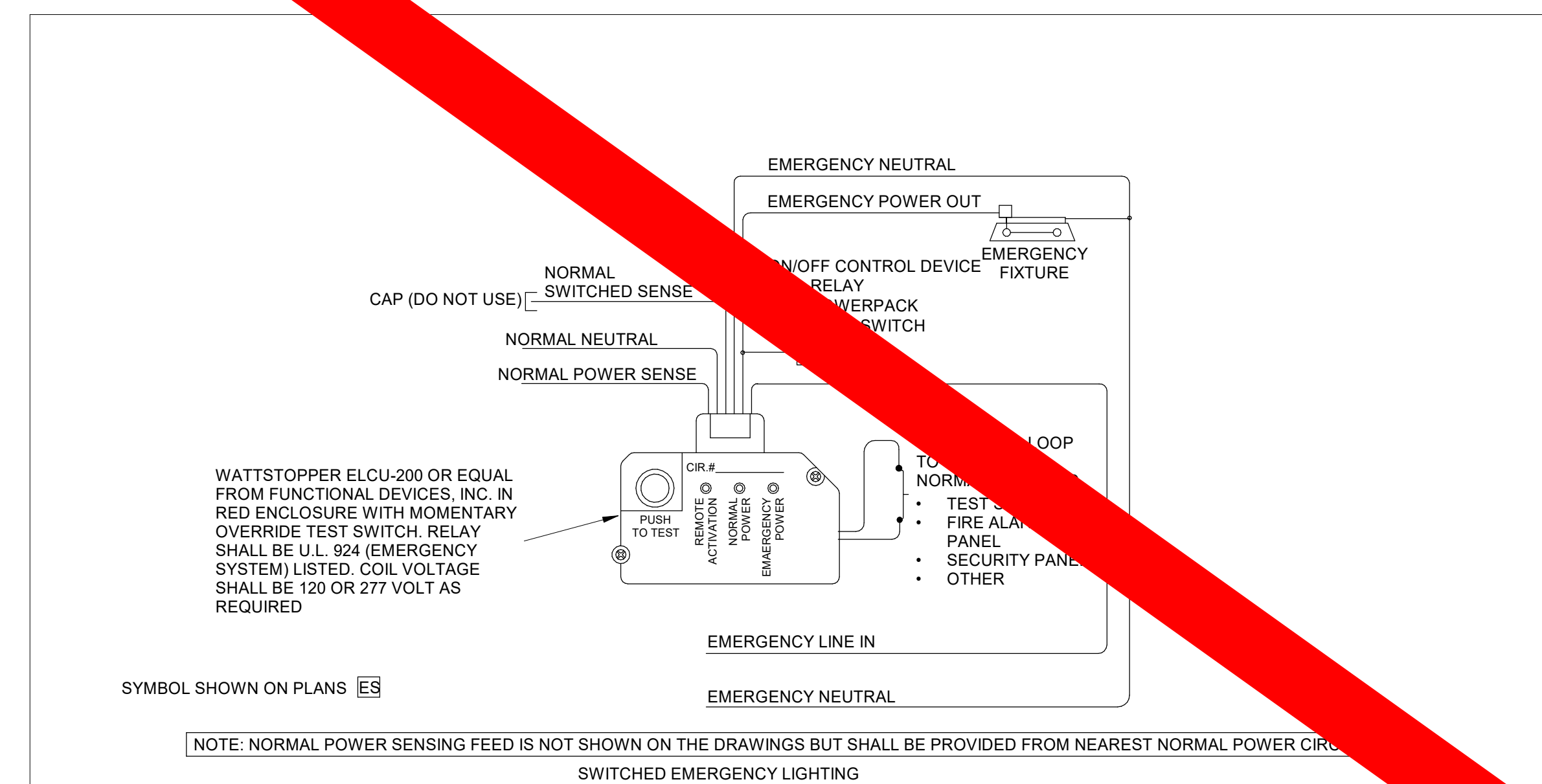
REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: PAA
SCALE: As indicated
SHEET: **EC0.01**

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LIGHTING FIXTURE SCHEDULE							
TYPE	DESCRIPTION	MANUFACTURER/SERIES	REFLECTOR/DIFFUSER	FINISH	MOUNTING	LAMPS	NOTES
A1	2'X4' FLAT PANEL	COLUMBIA CFP SERIES LITHONIA EPANL SERIES METALUX FPANEL SERIES CREE C-TR-C-PP SERIES	FROSTED ACRYLIC LENS	WHITE	RECESSED CEILING	LED: 5000 LUMENS, 3500K	
A2	2'X4' FLAT PANEL	COLUMBIA CFP SERIES LITHONIA EPANL SERIES METALUX FPANEL SERIES CREE C-TR-C-PP SERIES	FROSTED ACRYLIC LENS	WHITE	RECESSED CEILING	LED: 4000 LUMENS, 3500K	
B1	2'X4' RECESSED INDIRECT/DIRECT	COLUMBIA LCAT SERIES LITHONIA BLT SERIES METALUX CRUZE SERIES CREE CR SERIES	SMOOTH FROSTED ACRYLIC LENS	HOUSING AND EXPOSED PARTS - WHITE	RECESSED CEILING	LED: 4000 LUMENS, 3500K	
B2	2'X2' RECESSED INDIRECT/DIRECT	COLUMBIA LCAT SERIES LITHONIA BLT SERIES METALUX CRUZE SERIES CREE CR SERIES	SMOOTH FROSTED ACRYLIC LENS	HOUSING AND EXPOSED PARTS - WHITE	RECESSED CEILING	LED: 3000 LUMENS, 3500K	
C1	4" WIDE RECESSED LINEAR SLOT	LUMENWAVE MARK SLOTTED NEO-RAY DEFINED LUXILLUMINAIRE EOS SERIES	SMOOTH FROSTED ACRYLIC LENS	BLACK	RECESSED CEILING	LED: 750 LPF DOWN 3500K	
C2	4" WIDE RECESSED LINEAR SLOT	LUMENWAVE MARK SLOTTED NEO-RAY DEFINED LUXILLUMINAIRE EOS SERIES	SMOOTH FROSTED ACRYLIC LENS	BLACK	RECESSED CEILING	LED: 350 LPF DOWN 3500K	
E1	STRIP FIXTURE, 4 FOOT LENGTH, WITH LENS.	COLUMBIA MPS SERIES LITHONIA CLX SERIES METALUX SNLED SERIES CREE LS4C SERIES	FROSTED ACRYLIC LENS	HOUSING AND EXPOSED PARTS - WHITE	SURFACE	LED: 5000 LUMENS 3500K	
K1	6" DOWNLIGHT	ELITE HH6 SERIES LITHONIA LDN6 SERIES HALO HQ6 SERIES CREE SDL6 SERIES	OPEN SEMI-SPECULAR CLEAR ALZAK CONE, MEDIUM BEAM SPREAD.	WHITE	RECESSED CEILING	LED: 1500 LUMENS 3500K	
K2	6" THIN FORM DOWNLIGHT	ELITE LIGHTING LED RL675 SERIES LITHONIA WFS SERIES HALO HQ6 SERIES GREEN CREATIVE THINFIT 6 SERIES	OPEN SEMI-SPECULAR CLEAR ALZAK CONE, MEDIUM BEAM SPREAD.	WHITE	RECESSED CEILING	LED: 2000 LUMENS 3500K	
N1	DECORATIVE EXTERIOR SCENCE	ALW OUBE 300 LX SERIES OR PRIOR APPROVED EQUAL	GLOSS WHITE ACRYLIC	BY ARCHITECT	WALL-SURFACE	LED: 1000 LUMENS 4100K	
N2	EXTERIOR CANOPY LIGHT	LUMINAIRE ARV13 SERIES LITHONIA OLCFM SERIES FAL-SAFE TR11 SERIES VOIGT VLS SERIES	HEAVY GAUGE ALUMINUM, PRISMATIC POLYCARBONATE WITH MINIMUM 0.13" THICKNESS	BY ARCHITECT	WALL-SURFACE	LED: 1000 LUMENS 4100K	
P1	34" DRUM PENDANT	LUMETTA ACOUSTIC L2 DRUM SERIES LIGHTART EMPIRE SHADE SERIES OR PRIOR APPROVED EQUAL	WHITE ACRYLIC COVER	BY ARCHITECT	FIELD CUTTABLE BALL SWIVEL STERN WITH 1.75" DEEP CANOPY, 96" AFF	LED: 4000 LUMENS 3500K	
P2	48" DRUM PENDANT	LUMETTA ACOUSTIC L2 DRUM SERIES LIGHTART EMPIRE SHADE SERIES OR PRIOR APPROVED EQUAL	WHITE ACRYLIC COVER	BY ARCHITECT	FIELD CUTTABLE BALL SWIVEL STERN WITH 1.75" DEEP CANOPY, 99" AFF	LED: 5200 LUMENS 3500K	
P3	6" X 6" X 6" SQUARE PENDANT	ALW NOVA LARGE, SQUARE PENDANT SERIES OR PRIOR APPROVED EQUAL	HONEYCOMB LOUVER	SG SILVER GREY	FIELD ADJ. CABLE, RIGID/SWIVEL STERN 89" AFF	LED: 1000 LUMENS 3500K	
P4	4.5" X 12.2" ROUND PENDANT LIGHT	ALW CORE LX SERIES OR PRIOR APPROVED EQUAL	40 DEGREE REFLECTOR	SG SILVER GREY	ADJ. AIRCRAFT CABLE 8'-0" AFF NOTE 1	LED: 2000 LUMENS 3500K	
P5	ARC PENDANT	ALW CRESCENT MOONRING SERIES OR PRIOR APPROVED EQUAL	OPAL ACRYLIC LENS	GW GLOSS WHITE	ADJ. AIRCRAFT CABLE 127" AFF	LED: 4500 LUMENS 3500K	
P6	ARC PENDANT	ALW CRESCENT MOONRING SERIES OR PRIOR APPROVED EQUAL	OPAL ACRYLIC LENS	BY ARCHITECT	ADJ. AIRCRAFT CABLE 127" AFF	LED: 5600 LUMENS 3500K	
W1	DECORATIVE SCENCE	OCL BAMBOO SERIES OR PRIOR APPROVED EQUAL	GLOSS WHITE ACRYLIC	SILVER METALLIC	WALL-SURFACE	LED: 1400 LUMENS 3500K	
XA	SINGLE FACE EXIT	DUAL LITE CVD SERIES LITHONIA LE SERIES SURELITES OX SERIES EVENLITE OCCS SERIES	GREEN LETTERS "EXIT" AC ONLY	STENCIL FACE BRUSHED ALUMINUM	UNIVERSAL	LED	DIRECTION OF ARROWS AS INDICATED ON PLANS
XB	DOUBLE FACE EXIT	DUAL LITE CVD SERIES LITHONIA LE SERIES SURELITES OX SERIES EVENLITE OCCS SERIES	GREEN LETTERS "EXIT" AC ONLY	STENCIL FACE BRUSHED ALUMINUM	UNIVERSAL	LED	DIRECTION OF ARROWS AS INDICATED ON PLANS

NOTES:
1. TYPE P4 LIGHT FIXTURES ALONG CIRCULATION SHALL BE SUSPENDED TO 8'-0" AFF. THIS SHALL GOVERN THE HEIGHT OF ALL OTHER P4 FIXTURES.



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GMP CONSTRUCTION DOCUMENTS

FACILITY CODE: 1607
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BID NO#: C22-01

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SUITE 100
SAVANNAH, GA 31406

KEY PLAN:

SHEET TITLE:
LIGHTING FIXTURE SCHEDULE & DETAILS

REVISION SCHEDULE	
DATE	DESCRIPTION

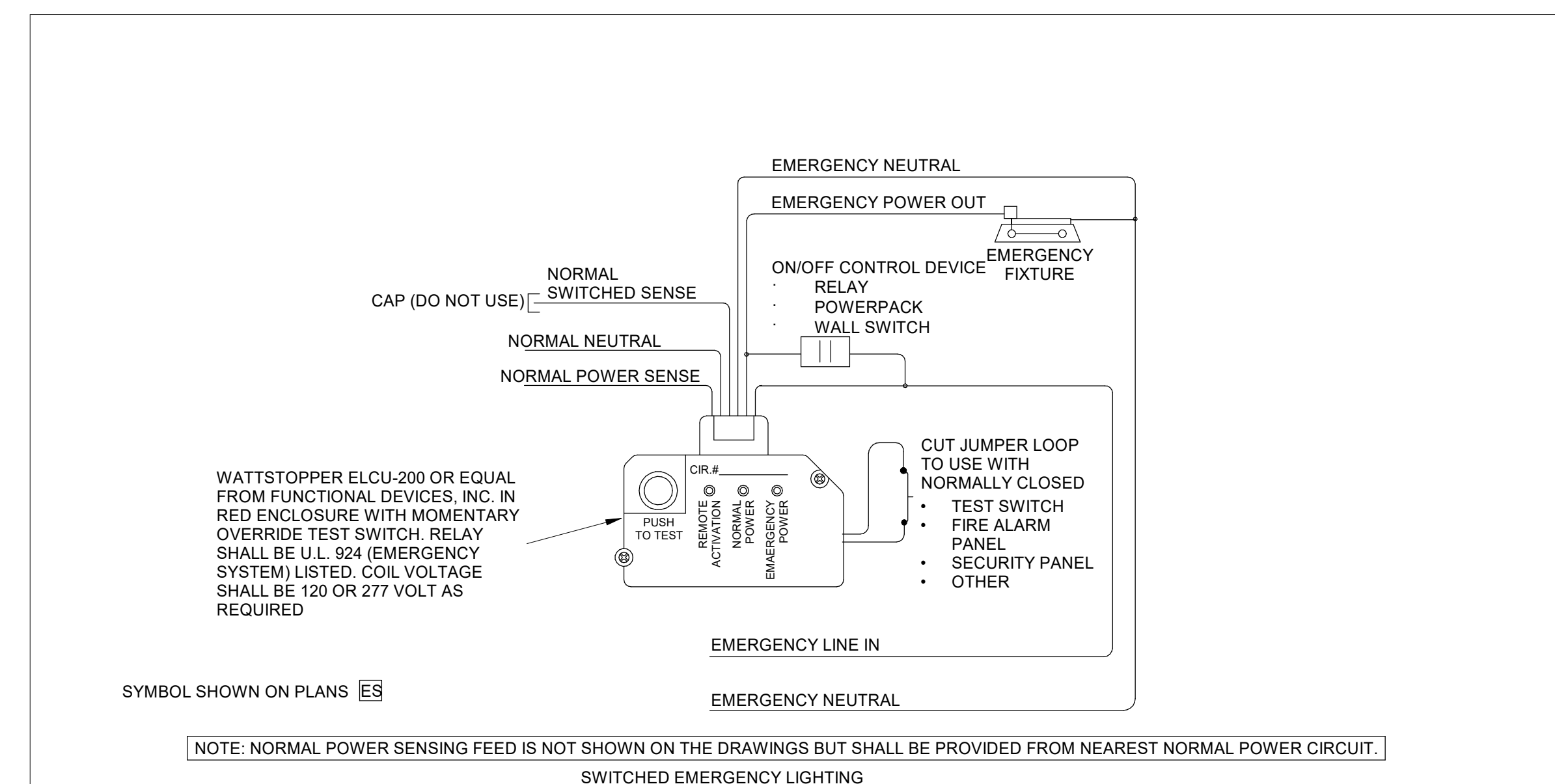
PROJECT: 1916
DATE: FEB 2022
DRAWN BY: PAA
SCALE: As Indicated
SHEET: ECC

1	LIGHT FIXTURE SCHEDULE	2	SWITCHED EMERGENCY LIGHTING
EC0.02	12" = 1'-0"	EC0.02	NOT TO SCALE

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LIGHTING FIXTURE SCHEDULE							
TYPE	DESCRIPTION	MANUFACTURER/SERIES	REFLECTOR/DIFFUSER	FINISH	MOUNTING	LAMPS	NOTES
A1	2'X4' FLAT PANEL	COLUMBIA CFP SERIES LITHONIA EPANL SERIES METALUX FPANEL SERIES CREE C-TR-C-PP SERIES	FROSTED ACRYLIC LENS	WHITE	RECESSED CEILING	LED: 5000 LUMENS, 3500K	
A2	2'X2' FLAT PANEL					LED: 4000 LUMENS, 3500K	
B1	2'X4' RECESSED INDIRECT/DIRECT	COLUMBIA LCAT SERIES LITHONIA BLT SERIES METALUX CRUZE SERIES CREE ZR SERIES	SMOOTH FROSTED ACRYLIC LENS	HOUSING AND EXPOSED PARTS - WHITE	RECESSED CEILING	LED: 4000 LUMENS, 3500K	
B2	2'X2' RECESSED INDIRECT/DIRECT					LED: 3000 LUMENS, 3500K	
C1	4' WIDE RECESSED LINEAR SLOT	LUMENWERX VIA4 SERIES MARK SLOT 4 SERIES NEORAY DIERNE SERIES LUXILLUMINAIRE EOS SERIES	SMOOTH FROSTED ACRYLIC LENS	BLACK	RECESSED CEILING	LED: 750 LPF DOWN 3500K	
C2						LED: 350 LPF DOWN 3500K	
E1	STRIP FIXTURE, 4 FOOT LENGTH, WITH LENS.	COLUMBIA MPS SERIES LITHONIA CLX SERIES METALUX SNLED SERIES CREE LS4C SERIES	SMOOTH FROSTED ACRYLIC LENS	HOUSING AND EXPOSED PARTS - WHITE	SURFACE	LED: 5000 LUMENS 3500K	
K1	6" DOWNLIGHT	ELITE HH6 SERIES LITHONIA LDN6 SERIES HALO HQ6 SERIES CREE SDL6 SERIES	OPEN SEMI-SPECULAR CLEAR ALZAK CONE, MEDIUM BEAM SPREAD.	RECESSED CEILING	RECESSED CEILING	LED: 1500 LUMENS 3500K	
K2	6" THIN FORM DOWNLIGHT	ELITE LIGHTING LED RL675 SERIES LITHONIA WFS SERIES HALO LCR6 SERIES GREEN CREATIVE THINFIT 6 SERIES	OPEN SEMI-SPECULAR CLEAR ALZAK CONE, MEDIUM BEAM SPREAD.	WHITE	RECESSED CEILING	LED: 2000 LUMENS 3500K	
N1	DECORATIVE EXTERIOR SCONCE	ALW OUBE 300 LX SERIES LUMICUBE 0735Q SERIES NLS TWL SERIES VOIGT PRAGMATIC SERIES OR PRIOR APPROVED EQUAL	GLOSS WHITE ACRYLIC	BY ARCHITECT	WALL-SURFACE	LED: 2000 LUMENS 4100K	
N2	EXTERIOR CANOPY LIGHT	LUMINAIRE ARV13 SERIES LITHONIA OLCFM SERIES FAIL-SAFE TR11 SERIES VOIGT VLS SERIES ECLIPSE EURO BULKHEAD SERIES	HEAVY GAUGE ALUMINUM, PRISMATIC POLYCARBONATE WITH MINIMUM 0.13" THICKNESS	BY ARCHITECT	WALL-SURFACE	LED: 1000 LUMENS 4100K	
P1	34" DRUM PENDANT	LUMETTA ACOUSTIC L2 DRUM SERIES LIGHTART EMPIRE SHADE SERIES LUXX BOX LX-VEC SERIES OR PRIOR APPROVED EQUAL	WHITE ACRYLIC COVER	BY ARCHITECT	FIELD CUTTABLE BALL SWIVEL STERN WITH 1.75" DEEP CANOPY, 96" AFF	LED: 4000 LUMENS 3500K	
P2	48" DRUM PENDANT	LUMETTA ACOUSTIC L2 DRUM SERIES LIGHTART EMPIRE SHADE SERIES LUXX BOX LX-VEC SERIES OR PRIOR APPROVED EQUAL	WHITE ACRYLIC COVER	BY ARCHITECT	FIELD CUTTABLE BALL SWIVEL STERN WITH 1.75" DEEP CANOPY, 99" AFF	LED: 5200 LUMENS 3500K	
P3	6" X 6" X 6" SQUARE PENDANT	ALW NOVA LARGE SQUARE PENDANT SERIES SPECTRUM C06115QXT SERIES NLS TCI SERIES OR PRIOR APPROVED EQUAL	HONEYCOMB LOUVER	SG SILVER GREY	FIELD ADJ. CABLE, RIGID/SWIVEL STERN, 89" AFF	LED: 1000 LUMENS 3500K	
P4	4.5" X 12.2" ROUND PENDANT LIGHT	ALW CORE LX SERIES SPECTRUM CF0412PC SERIES LINDSLEY TULE SERIES VOIGT PRAGMATIC SERIES OR PRIOR APPROVED EQUAL	40 DEGREE REFLECTOR	SG SILVER GREY	ADJ. AIRCRAFT CABLE, 8'-0" AFF, NOTE 1	LED: 2000 LUMENS 3500K	
P5	ARC PENDANT	ALW CRESCENT MOONRING SERIES BETA CALCO SQUIGGLE SERIES FORUM ARC SERIES OR PRIOR APPROVED EQUAL	OPAL ACRYLIC LENS	GW GLOSS WHITE	ADJ. AIRCRAFT CABLE, 127" AFF	LED: 4500 LUMENS 3500K	
P6	ARC PENDANT	ALW CRESCENT MOONRING SERIES BETA CALCO SQUIGGLE SERIES OR PRIOR APPROVED EQUAL	OPAL ACRYLIC LENS	BY ARCHITECT	ADJ. AIRCRAFT CABLE, 127" AFF	LED: 5600 LUMENS 3500K	
W1	DECORATIVE SCONCE	OCL BAMBOO SERIES VISA CB682 THEO SERIES OR PRIOR APPROVED EQUAL	GLOSS WHITE ACRYLIC	SILVER METALLIC	WALL-SURFACE	LED: 1400 LUMENS 3500K	
XA	SINGLE FACE EXIT	DUAL LITE CVD SERIES LITHONIA LE SERIES SURELITECX SERIES EVENLITE C00S SERIES	GREEN LETTERS "EXIT" AC ONLY	STENCIL FACE BRUSHED ALUMINUM	UNIVERSAL	LED	DIRECTION OF ARROWS AS INDICATED ON PLANS
XB	DOUBLE FACE EXIT						

NOTES:
1. TYPE P4 LIGHT FIXTURES ALONG CIRCULATION SHALL BE SUSPENDED TO 8'-0" AFF. THIS SHALL GOVERN THE HEIGHT OF ALL OTHER P4 FIXTURES.



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KEY PLAN:

SHEET TITLE:
LIGHTING FIXTURE SCHEDULE & DETAILS

REVISION SCHEDULE	
DATE	DESCRIPTION
03/24/22	ADDENDUM #4

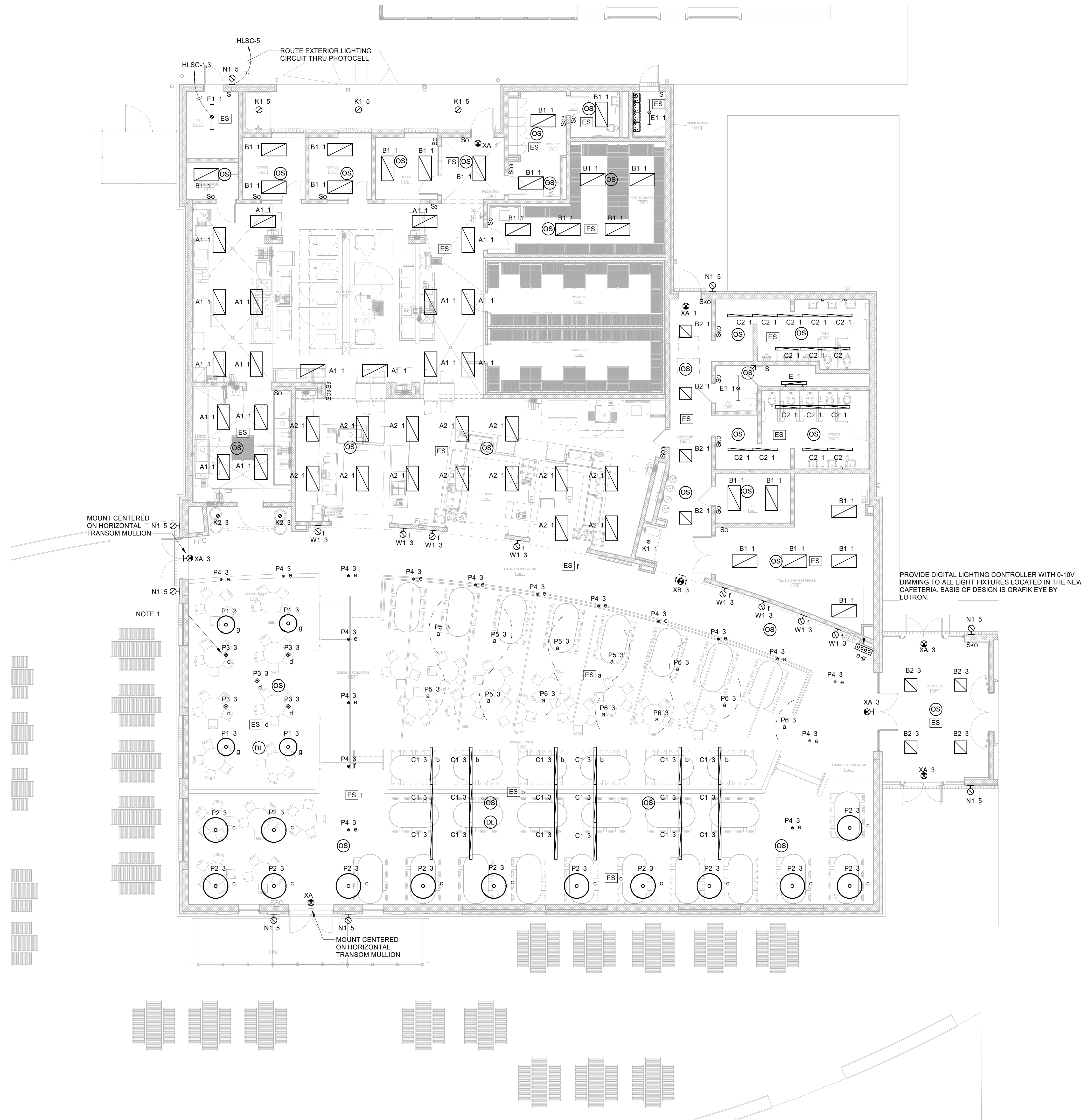
PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: PAA
SCALE: As indicated
SHEET: **EC0.02**

1 LIGHT FIXTURE SCHEDULE
EC0.02 12" = 1'-0"

2 SWITCHED EMERGENCY LIGHTING
EC0.02 NOT TO SCALE

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GENERAL NOTES:

1. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR DIMENSIONED LOCATIONS OF PENDANT MOUNTED LIGHT FIXTURES IN DINING AREAS.
2. LOCATE WALL MOUNTED CONTROLS, SWITCHES, ETC. WITHIN 12" OF NEAREST CORNER OR OPENING. DO NOT CENTER DEVICES ON WALLS. COORDINATE ACTUAL LOCATIONS WITH ARCHITECT. MOUNTING HEIGHT SHALL COMPLY WITH ADA REQUIREMENTS FOR MAXIMUM SIDE REACH.
3. COORDINATE EXACT LOCATIONS AND MOUNTINGS (FLANGE/LAY-IN) WITH ARCHITECTURAL CEILING PLAN AND SCHEDULES PRIOR TO ORDERING AND INSTALLING ANY FIXTURE.
4. EXIT LIGHTS ARE TO REMAIN UNSWITCHED.
5. ALL SPACES ARE TO BE CONTROLLED BY OCCUPANCY OR VACANCY SENSOR UNLESS SPECIFICALLY NOTED OTHERWISE. SEE DETAILS AND NOTES ON SHEET E0.2 FOR ADDITIONAL REQUIREMENTS.

NOTES:

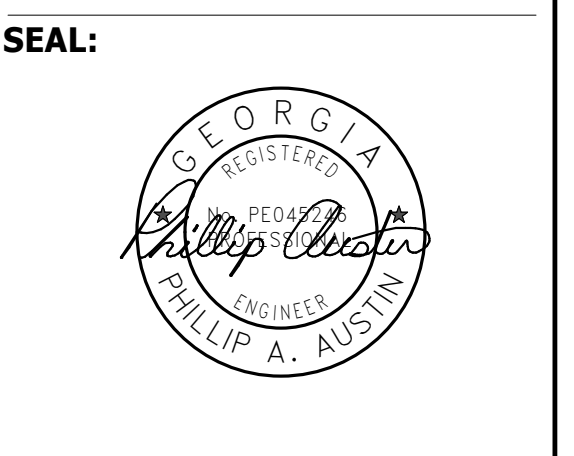
1. COORDINATE MOUNTING HEIGHT OF ALL TYPE 'P3' LIGHT FIXTURES WITH PROJECTION SCREEN.

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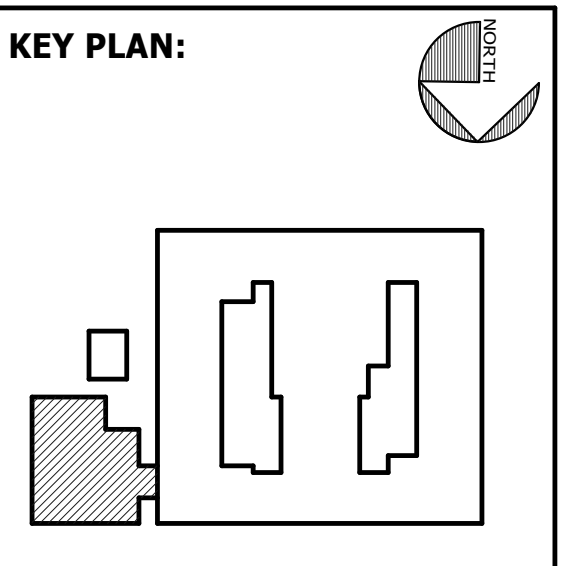


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SHEET TITLE:
**LIGHTING PLAN
- CAFETERIA
ADDITION**

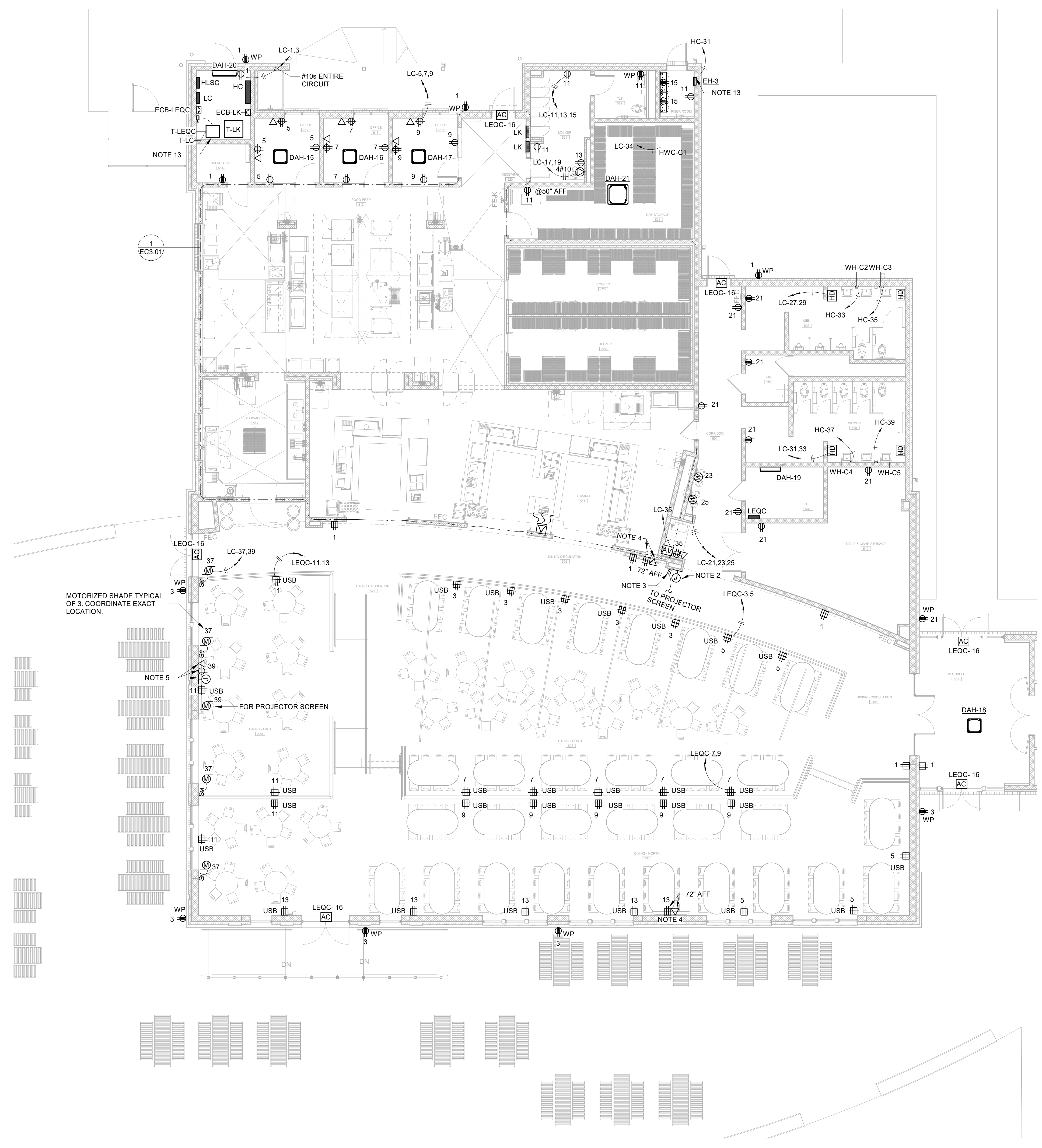
REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: PAA
SCALE: 1/8" = 1'-0"
SHEET: **EC1.01**



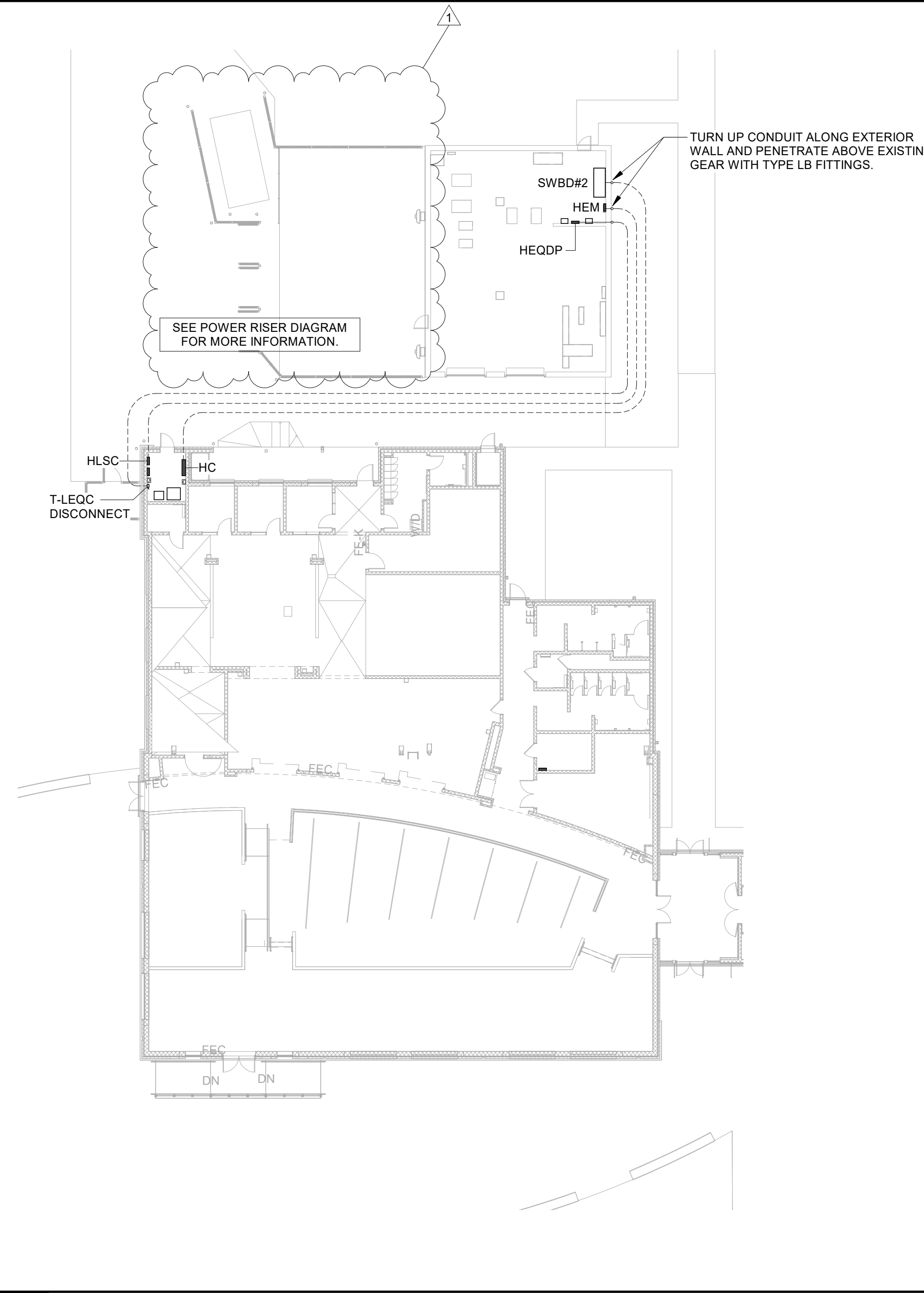
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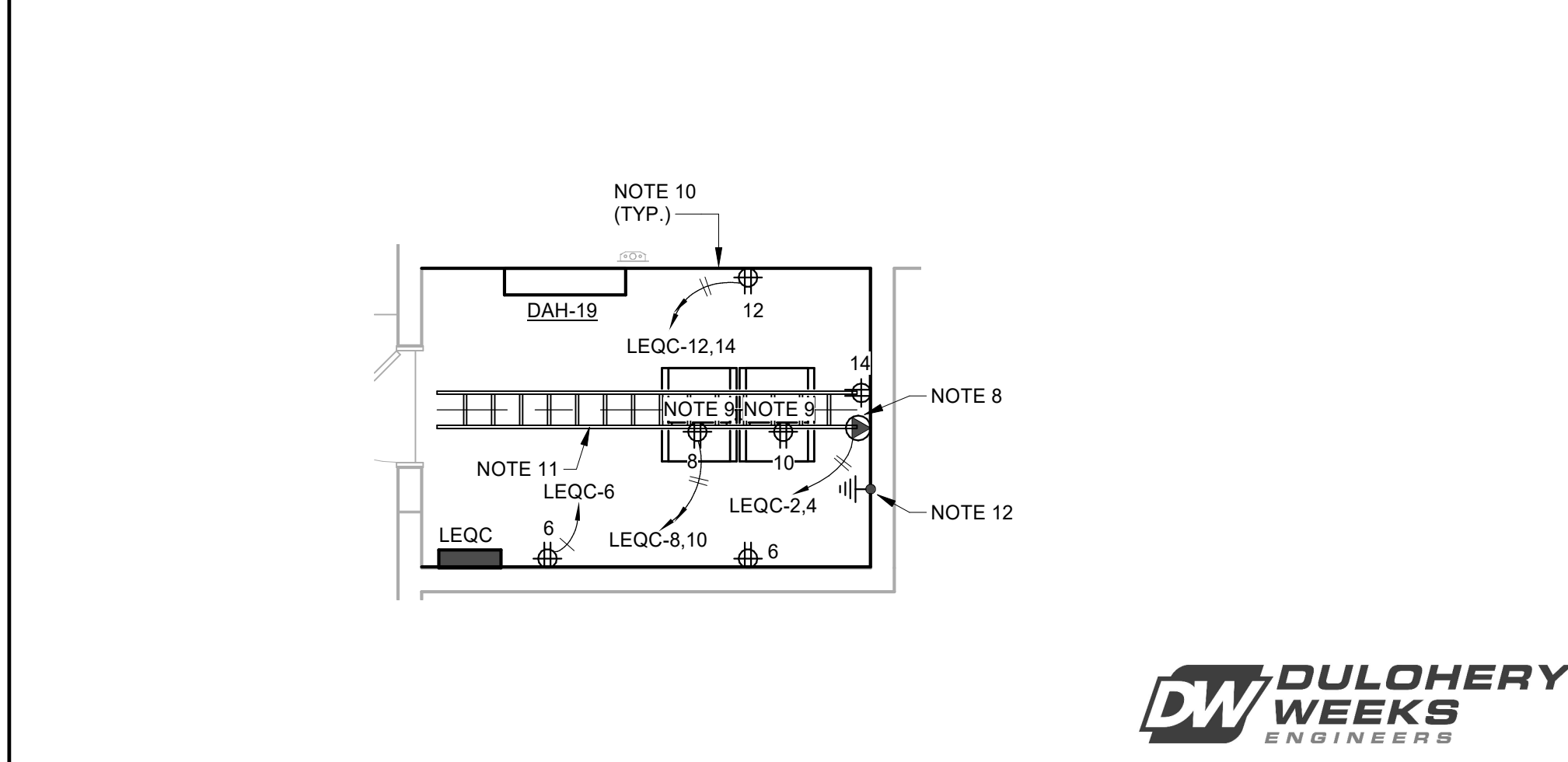
NOTES: (THIS SHEET ONLY)

1. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION OF NEW MONITOR WITH OWNER PRIOR TO ROUGH-IN. CONNECT RECEPTACLE TO EXISTING 120V PROJECTOR CIRCUIT.
2. PROVIDE JUNCTION BOX FOR MOTORIZED WINDOW SHADE WALL CONTROLLER.
3. THREE POSITION CENTER OFF SWITCH TO CONTROL MOTORIZED PROJECTION SCREEN.
4. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION OF NEW MONITOR WITH OWNER PRIOR TO ROUGH-IN.
5. POWER, DATA AND AV FOR PROJECTOR, COORDINATE LOCATION AND MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN.
6. NOTE NOT USED.
7. NOTE NOT USED.
8. PROVIDE #10 HOMERUN, 3/4" C. FOR FUTURE UPS POWER.
9. RECEPTACLE SHALL BE INSTALLED IN THE TELECOMMUNICATION RACK. COORDINATE EXACT LOCATION WITH TELECOMMUNICATION RACK INSTALLER.
10. PLYWOOD BACKBOARD: PROVIDE 3/4" THICK FIRE RETARDANT GRADE A/C PLYWOOD BACKBOARD. COAT PLYWOOD WITH TWO COATS LIGHT GRAY FIRE RETARDANT PAINT. FIRE RATING ON PLYWOOD SHALL NOT BE PAINTED OVER SO AT LEAST ONE MARKING SHALL BE VISIBLE ON EACH PIECE OF PLYWOOD. PROVIDE 3/4" X 3/4" ALUMINUM ANGLE FRAME AFTER PAINTING. PROVIDE OUTLET BOX EXTENSION RING AS REQUIRED FOR DEVICES INSTALLED IN WALLS RECEIVING PLYWOOD FOR FLUSH MOUNTING WITH WOOD SURFACE.
11. PROVIDE 18" WIDE LADDER RACK/CABLE TRAY AT 8'-0" AFF. CABLE TRAY SHALL BE SECURED TO WALL OR SECURELY SUSPENDED FROM CEILING STRUCTURE. PROVIDE LENGTH AND QUANTITY PER PLANS.
12. PROVIDE TELECOMMUNICATIONS EQUIPMENT GROUND BAR. BOND TO MAIN TELECOMMUNICATIONS GROUND BAR IN EXISTING MDF.
13. SEE RACK MOUNTED TRANSFORMER DETAIL, 4/EC6.01.
14. PROVIDE 20A MOTOR RATED SWITCH.



3 ELECTRICAL SITE PLAN

EC2.01 1" = 20'-0"



2 ENLARGED DATA ROOM

EC2.01 1/4" = 1'-0"

1 POWER PLAN - CAFETERIA ADDITION

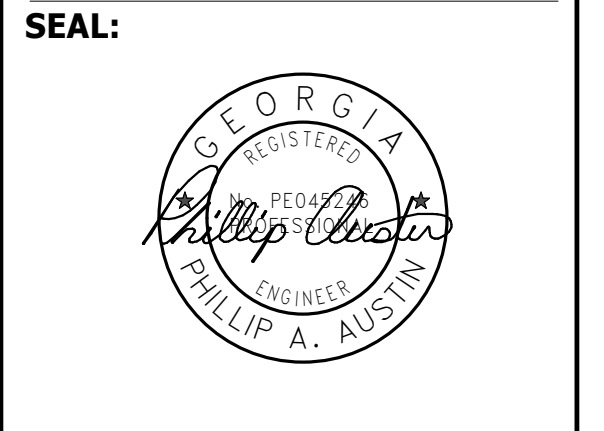
EC2.01 1/8" = 1'-0"

VOL. II SAVANNAH ARTS ACADEMY ADDITION
 500 WASHINGTON AVENUE
 SAVANNAH, GEORGIA 31405
SAVANNAH-CHATHAM COUNTY PUBLIC SCHOOL SYSTEM
GMP CONSTRUCTION DOCUMENTS



FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

Cogdell Mendrala Architects
 COGDELL & MENDRALA ARCHITECTS, PC
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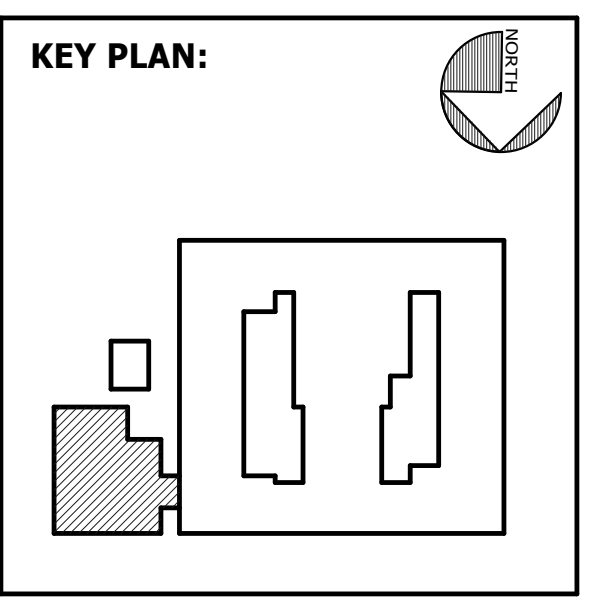


PROJECT CONSULTANTS:

CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
 40 JOE KENNEDY BLVD.
 STATESBORO, GA 30458

STRUCTURAL ENGINEER:
SAUSSY ENGINEERING
 400 E. JOHNNY MERCER BOULEVARD
 SAVANNAH, GA 31410

MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
 7402 HODGSON MEMORIAL DRIVE,
 SUITE 100
 SAVANNAH, GA 31406

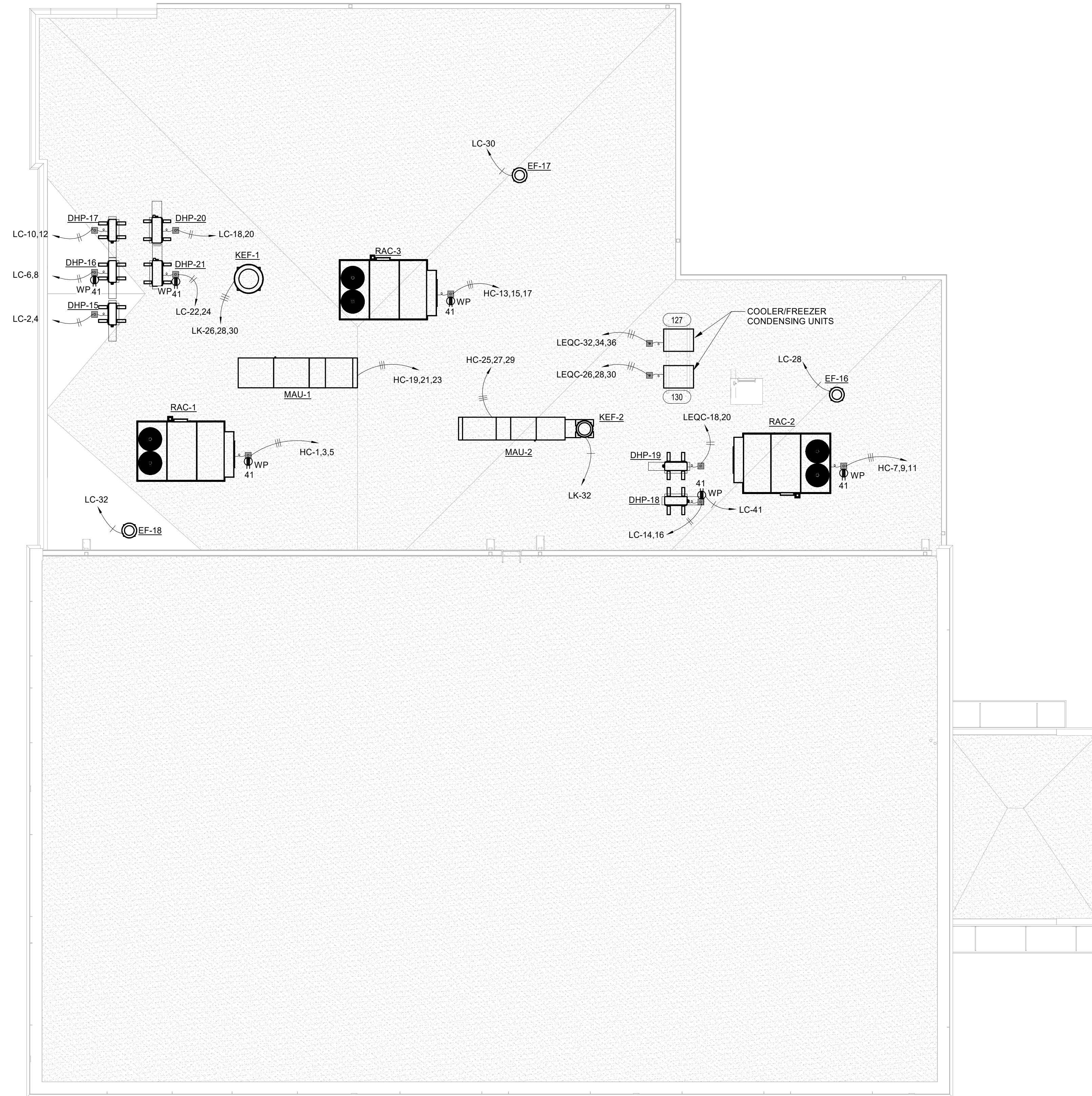


SHEET TITLE:
POWER PLAN - CAFETERIA ADDITION

REVISION SCHEDULE	
DATE	DESCRIPTION
03/14/22	ADDENDUM #1

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: PAA
SCALE: As indicated
SHEET: **EC2.01**





NOTES:

1. PROVIDE PEDESTAL FOR MOUNTING DISCONNECT AND WP DUPLEX GFCI EQUIPMENT. PEDESTAL SHALL BE MOUNTED ADJACENT THE ROOF TOP EQUIPMENT, WITHIN 6' OF UNIT WIRING COMPARTMENT. COORDINATE FINAL LOCATION WITH ARCHITECT, ROOFING INSTALLER AND MECHANICAL UNIT CLEARANCE REQUIREMENTS PRIOR TO ROUGH IN. DO NOT MOUNT RECEPTACLE AND UNIT DISCONNECT DIRECTLY ON EQUIPMENT HOUSING. PEDESTAL SHALL BE MAPA PRODUCTS "MPD-X-36/12" OR EQUAL, STAINLESS STEEL 4"x4", 11 GAUGE WITH GFCI OPTION. COORDINATE PEDESTAL CURBING OPTION WITH ROOFING INSTALLER. SEE SCHEDULE FOR DISCONNECT SIZE. PROVIDE PEDESTAL RECEPTACLE OPTION ONLY WHERE INDICATED.

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ACADEMY ADDITION**
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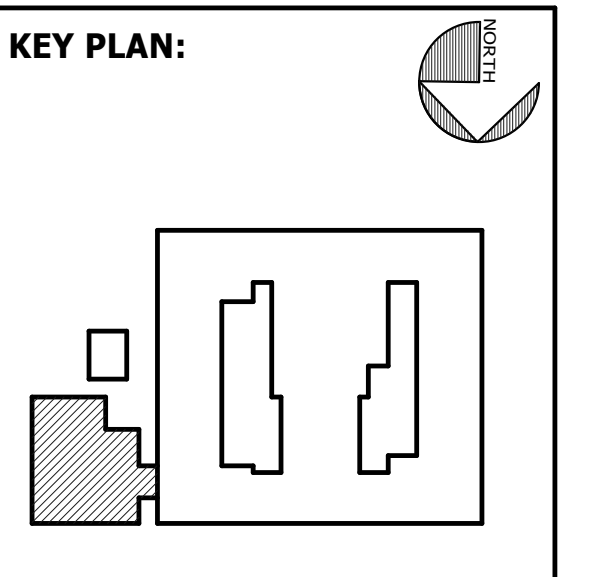
FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

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SEAL:



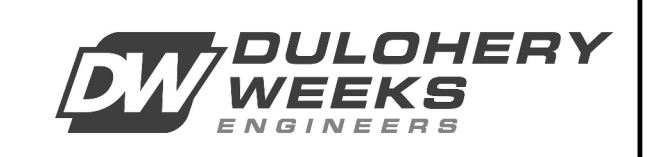
PROJECT CONSULTANTS:
CIVIL ENGINEER
MAXWELL-REDDICK & ASSOCIATES
40 JOE KENNEDY BLVD.
STATESBORO, GA 30458
STRUCTURAL ENGINEER:
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SUITE 100
SAVANNAH, GA 31406



SHEET TITLE:
**ELECTRICAL
ROOF PLAN -
CAFETERIA
ADDITION**

REVISION SCHEDULE	
DATE	DESCRIPTION

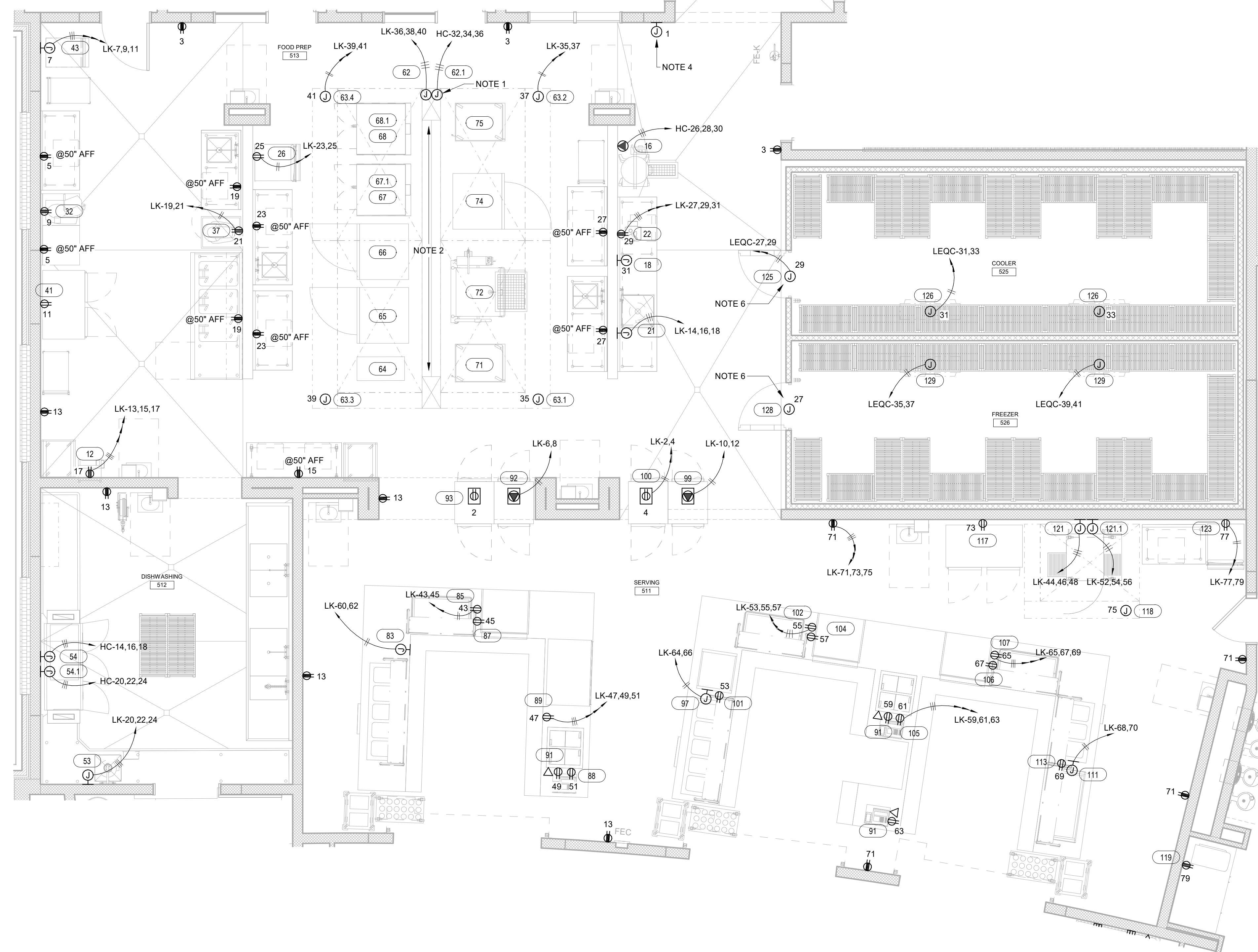
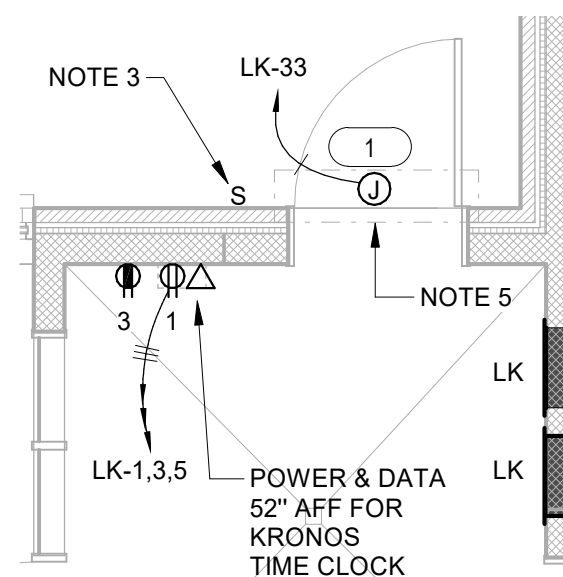
PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: PAA
SCALE: 1/8" = 1'-0"
SHEET: **EC2.02**



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KITCHEN EQUIPMENT RATINGS AND CONNECTIONS							
ITEM No.	DESCRIPTION	VOLT	PH	AMPS	BREAKER	DISCONNECT	WIRE SIZE
1	FLY FAN	120 V	1	7.2	20	BKR LOCK	2#12, #12G, 1/2"C.
12	SPRAY SYSTEM	120 V	1	12.5	20	5-20P	2#12, #12G, 1/2"C.
16	VERTICAL CUTTER/MIXER	480 V	3	10.0	20	L16-20P	3#10, #10G, 1/2"C.
18	VEG PREP TABLE WITH SINK	120 V	1	8.4	20	CKT BKR	2#12, #12G, 1/2"C.
21	DISPOSER	208 V	3	6.6	20	BKR LOCK	3#12, #12G, 1/2"C.
22	FOOD PROCESSOR	120 V	1	12.0	20	5-15P	2#12, #12G, 1/2"C.
26	HOLDING/PROOFING CABINET	120 V	1	19.3	20	5-20P	2#10, #10G, 1/2"C.
32	SLICER	120 V	1	5.4	20	5-15P	2#12, #12G, 1/2"C.
37	20 QT. MIXER	120 V	1	8.0	20	5-15P	2#12, #12G, 1/2"C.
41	REFRIGERATOR	120 V	1	8.2	20	5-15P	2#12, #12G, 1/2"C.
43	ICE MACHINE	120 V	1	11.7	20	BKR LOCK	2#12, #12G, 1/2"C.
53	DISPOSER	208 V	3	6.6	20	BKR LOCK	3#12, #12G, 1/2"C.
54	DISHWASHER	480 V	3	30.6	40	BKR LOCK	3#8, #10G, 3/4"C.
54.1	BOOSTER HEATER	480 V	3	36.1	50	BKR LOCK	3#6, #10G, 1"C.
62	UDS	208 V	3	84.7	150	CONNECT AT UDS	4#1/0, #6G, 2"C.
62.1	UDS	480 V	3	164.3	225	CONNECT AT UDS	4#4/0, #4G, 2-1/2"C.
63.1	EXHAUST HOOD	120 V	1	15.0	20	BKR LOCK	2#12, #12G, 1/2"C.
63.2	EXHAUST HOOD	120 V	1	15.0	20	BKR LOCK	2#12, #12G, 1/2"C.
63.3	EXHAUST HOOD	120 V	1	15.0	20	BKR LOCK	2#12, #12G, 1/2"C.
63.4	EXHAUST HOOD	120 V	1	15.0	20	BKR LOCK	2#12, #12G, 1/2"C.
64	RANGE	208 V	1	28.8	40	UDS	2#8, #10G, 3/4"C.
65	COMBI OVEN	480 V	3	28.9	40	UDS	3#8, #10G, 3/4"C.
66	COMBI OVEN	480 V	3	28.9	40	UDS	3#8, #10G, 3/4"C.
67	COMBI OVEN	480 V	3	14.0	20	UDS	3#10, #10G, 1/2"C.
67.1	COMBI OVEN	480 V	3	14.0	20	UDS	3#10, #10G, 1/2"C.
68	COMBI OVEN	480 V	3	14.0	20	UDS	3#10, #10G, 1/2"C.
68.1	COMBI OVEN	480 V	3	14.0	20	UDS	3#10, #10G, 1/2"C.
71	HEAT & HOLD OVEN	208 V	3	34.0	50	UDS VIA 15-50P	3#6, #10G, 1"C.
72	TILT SKILLET	480 V	3	21.7	30	UDS	3#10, #10G, 1/2"C.
74	COMBI OVEN	480 V	3	28.9	40	UDS	3#8, #10G, 3/4"C.
75	HEAT & HOLD OVEN	208 V	3	34.0	50	UDS VIA 15-50P	3#6, #10G, 1"C.
83	DROP-IN HOT WELLS	208 V	1	24.0	30	BKR LOCK	2#10, #10G, 1/2"C.
85	DROP-IN FROST TOP	120 V	1	2.4	20	5-15P	2#12, #12G, 1/2"C.
87	BEVERAGE REFRIGERATOR	120 V	1	15.3	20	5-20P	2#10, #10G, 1/2"C.
88	DROP-IN ICE CREAM FREEZER	120 V	1	2.9	20	5-15P	2#12, #12G, 1/2"C.
89	REFRIGERATED SALAD/SANDWICH DISPLAY	120 V	1	7.9	20	5-15P	2#12, #12G, 1/2"C.
91	POS	120 V	1	5.0	20	5-15P	2#12, #12G, 1/2"C.
92	PASS-THRU HEATED CABINET	208 V	1	7.8	20	L14-20P	3#12, #12G, 1/2"C.

KITCHEN EQUIPMENT RATINGS AND CONNECTIONS							
ITEM No.	DESCRIPTION	VOLT	PH	AMPS	BREAKER	DISCONNECT	WIRE SIZE
93	PASS-THRU REFRIGERATOR	120 V	1	7.2	20	5-15P	2#12, #12G, 1/2"C.
97	DROP-IN HOT WELLS	208 V	1	24.0	30	BKR LOCK	2#10, #10G, 1/2"C.
99	PASS-THRU HEATED CABINET	208 V	1	7.8	20	L14-20P	3#12, #12G, 1/2"C.
100	PASS-THRU REFRIGERATOR	120 V	1	7.2	20	5-15P	2#12, #12G, 1/2"C.
101	SANDWICH WARMER	120 V	1	13.7	20	5-20P	2#10, #10G, 1/2"C.
102	DROP-IN FROST TOP	120 V	1	2.4	20	5-15P	2#12, #12G, 1/2"C.
104	BEVERAGE REFRIGERATOR	120 V	1	15.3	20	5-20P	2#10, #10G, 1/2"C.
105	DROP-IN ICE CREAM FREEZER	120 V	1	2.9	20	5-15P	2#12, #12G, 1/2"C.
106	BEVERAGE REFRIGERATOR	120 V	1	15.3	20	5-20P	2#10, #10G, 1/2"C.
107	DROP-IN FROST TOP	120 V	1	2.4	20	5-15P	2#12, #12G, 1/2"C.
111	DROP-IN HOT WELLS	208 V	1	15.0	20	BKR LOCK	2#12, #12G, 1/2"C.
113	PIZZA WARMER	120 V	1	5.8	20	5-15P	2#12, #12G, 1/2"C.
117	REFRIGERATOR	120 V	1	8.2	20	5-15P	2#12, #12G, 1/2"C.
118	EXHAUST HOOD	120 V	1	15.0	20	BKR LOCK	2#12, #12G, 1/2"C.
119	ICE MAKER/DISPENSER	120 V	1	4.5	20	5-15P	2#12, #12G, 1/2"C.
121	PIZZA OVEN	208 V	3	27.8	40	BKR LOCK	3#8, #10G, 3/4"C.
121.1	PIZZA OVEN	208 V	3	27.8	40	BKR LOCK	3#8, #10G, 3/4"C.
123	HOLDING/PROOFING CABINET	120 V	1	19.3	20	5-20P	2#10, #10G, 1/2"C.
125	WALK-IN COOLER	120 V	1	15.0	20	BKR LOCK	2#12, #12G, 1/2"C.
126	COOLER EVAPORATOR COIL	120 V	1	1.8	15	BKR LOCK	2#12, #12G, 1/2"C.
127	COOLER CONDENSING UNIT	208 V	3	16.4	30	30A/3P/3R	3#10, #10G, 1/2"C.
128	WALK-IN FREEZER	120 V	1	15.0	20	BKR LOCK	2#12, #12G, 1/2"C.
129	FREEZER EVAPORATOR COIL	208 V	1	10.1	20	BKR LOCK	2#12, #12G, 1/2"C.
130	FREEZER CONDENSING UNIT	208 V	3	11.4	20	30A/3P/3R	3#10, #10G, 1/2"C.



GENERAL NOTES:

- ALL EXPOSED OUTLETS IN KITCHEN AND SERVING AREA SHALL BE CAST METAL AND WATER PROOF.
- ALL FLEXIBLE CONDUIT SHALL BE WATERPROOF.
- WHERE KITCHEN EQUIPMENT SHOP DRAWINGS CALL FOR DIRECT CONNECTION AND A RECEPTACLE IS SHOWN ON THE DRAWING, PROVIDE RECEPTACLE, PLUG, AND GROUND SET.
- PROVIDE EYS SEAL OFF FITTINGS AT ALL FREEZER AND COOLER PENETRATIONS.
- MAKE CONNECTION TO FREEZER/COOLER LIGHTS AND DOOR HEATERS AS REQUIRED BY UNIT MANUFACTURER.
- BEFORE ROUGHING IN ANY OUTLETS OR ORDERING ANY RECEPTACLES, PLUGS, CORD SETS, DISCONNECTS OR ANY ITEMS NECESSARY FOR THE CONNECTION OF KITCHEN EQUIPMENT, THE CONTRACTOR SHALL CONSULT THE SHOP DRAWINGS FOR THE EQUIPMENT ACTUALLY BEING FURNISHED UNDER THE CONTRACT OR BY THE OWNER FOR THE PROJECT AND SHALL PROVIDE AND INSTALL DEVICES, CIRCUITS AND ANY OTHER APPURTENANCES COMPATIBLE WITH THE EQUIPMENT FURNISHED SHALL BE PROVIDED AT NO COST TO THE OWNER.
- ALL EXPOSED CONDUITS SHALL BE GALVANIZED RIGID STEEL.
- PROVIDE CORD AND PLUG FOR EACH PIECE OF KITCHEN EQUIPMENT LOCATED BENEATH HOOD.
- CONNECT CORD SET OR PREWIRED FLEXIBLE CONDUIT PROVIDED WITH UDS TO EQUIPMENT TERMINALS FOR EACH PIECE OF KITCHEN EQUIPMENT. COORDINATE WITH UDS BEING INSTALLED.
- OUTLETS IN KITCHEN LOW WALLS SHALL BE MOUNTED HORIZONTAL.
- INTERLOCK RANGE HOOD FIRE SUPPRESSION SYSTEM WITH SHUNT TRIP BREAKERS SERVING EQUIPMENT UNDER THE HOOD, SUCH THAT UPON SYSTEM ACTIVATION ALL POWER IS SHUT OFF. RANGE HOOD EXHAUST FAN SHALL REMAIN ON AND MAKE-UP AIR SHALL BE SHUT OFF. ALSO INTERLOCK WITH FIRE ALARM SYSTEM SUCH THAT A GENERAL ALARM IS SOUNDED UPON SYSTEM ACTIVATION.

NOTES:

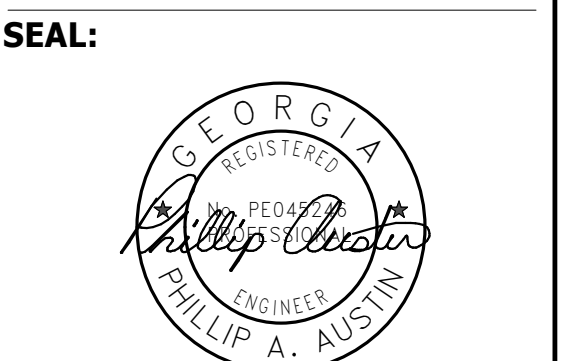
- MAKE FINAL CONNECTION TO UDS. MAKE CONNECTIONS TO FAN AND LIGHT SWITCHES IN UDS TO HOOD LIGHTS AND RANGE HOOD FANS ON ROOF. COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT BEING INSTALLED.
- CONNECT UDS ELECTRICAL FIELD JOINTS BY BOLTING BUS BARS AND/OR WIRING TOGETHER. CONNECT ALL CONTROL WIRING FIELD JOINT MOLDED CONNECTORS.
- DOORBELL PUSH BUTTON, MOUNT AT 42 IN. A.F.F. PROVIDE SQUARE D MODEL KR1RH13 WITH STAINLESS STEEL FACEPLATE.
- DOOR BELL, EDWARDS MODEL 340-3N5 120 VOLT GRAY BELL IN #348 EDWARDS BACK BOX. MOUNT AT 80 IN. A.F.F.
- PROVIDE SERVICE OUT OF WALL FOR FLY FAN, COORDINATE EXACT MOUNTING HEIGHT. INTERLOCK FAN WITH LIMIT SWITCH PROVIDED WITH UNIT SO THAT FAN WILL TURN ON WHEN DOOR IS OPEN AND TURN OFF WHEN DOOR IS CLOSED.
- CONNECT COOLER AND FREEZER TO INTRUSION DETECTION SYSTEM PER SCCPSS GUIDELINE DIVISION 11.

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FACILITY CODE: 1607
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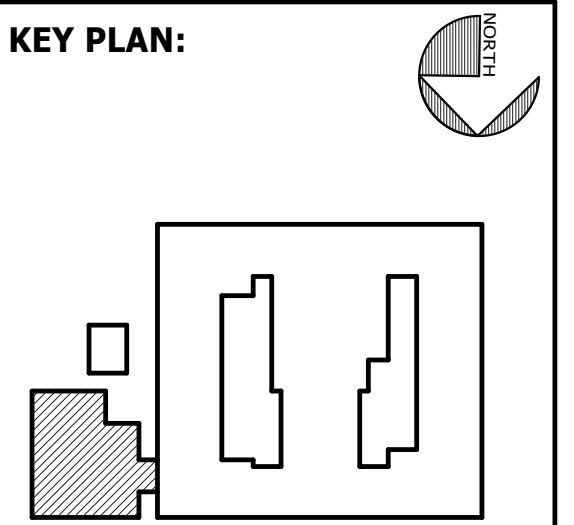
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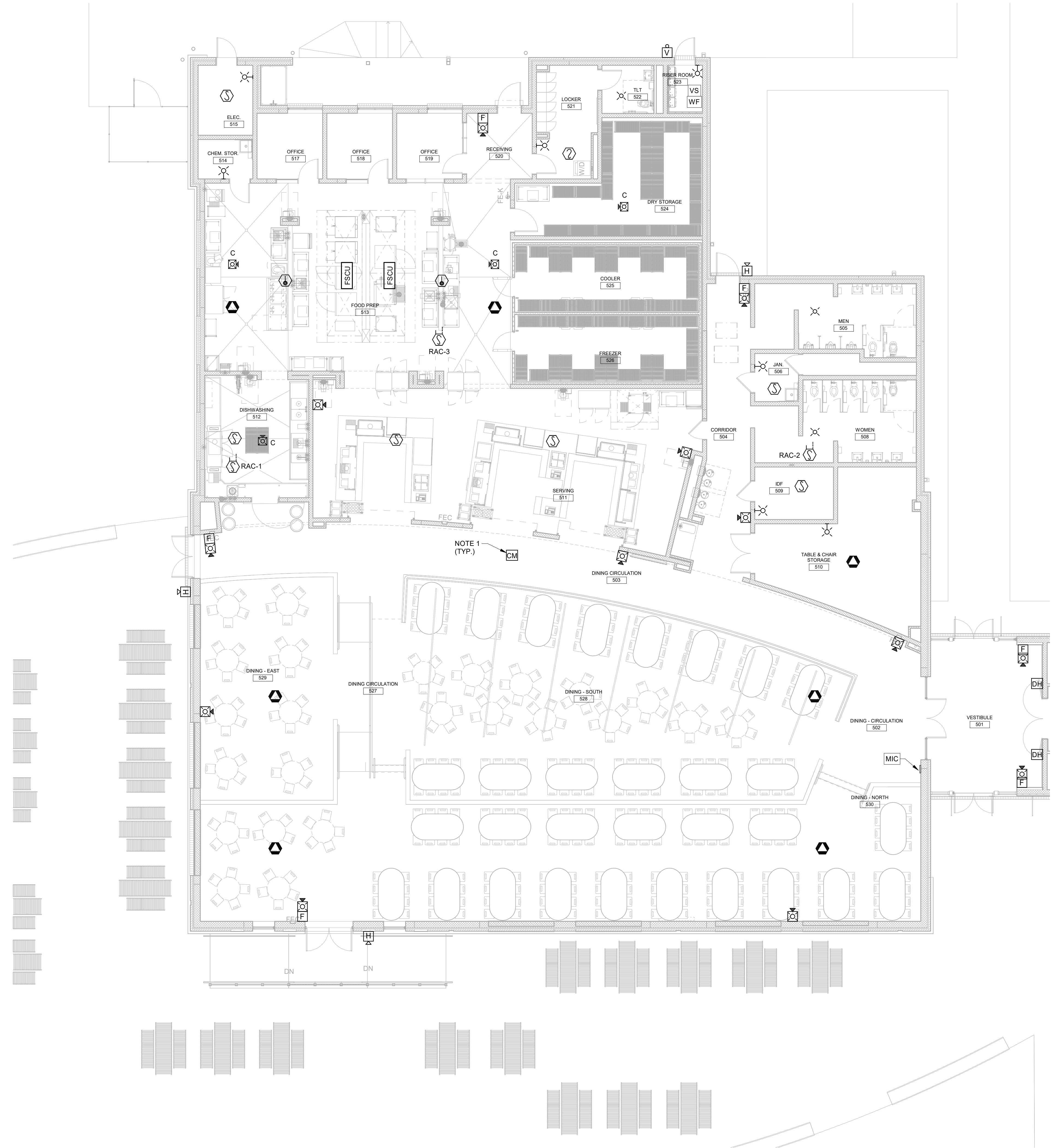


SHEET TITLE:
ENLARGED KITCHEN POWER PLAN

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: PAA
SCALE: 1/4" = 1'-0"
SHEET: **EC3.01**





GENERAL NOTES:

A. THE INTERCOM SYSTEM AND INTRUSION DETECTION SYSTEM SHOWN IN THE NEW CAFETERIA ADDITION SHALL BE AN EXTENSION OF THE SYSTEMS BEING REPLACED IN THE SCHOOL.

NOTES:

1. PROVIDE FIRE ALARM SYSTEM CONTROL MODULE AND CONNECT TO LIGHTING POWER PACK / ROOM CONTROLLER FOR OVERRIDE OF OCCUPANCY SENSORS DURING AN ALARM EVENT.
2. LOCATE WALL MOUNTED NOTIFICATION AND DETECTION DEVICES WITHIN 12" OF NEAREST CORNER OR OPENING. DO NOT CENTER DEVICES ON WALLS. COORDINATE ACTUAL LOCATIONS WITH ARCHITECT.

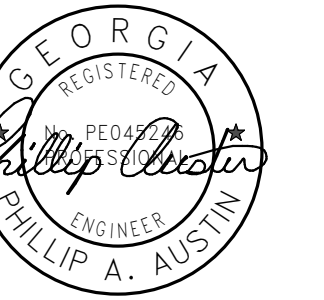
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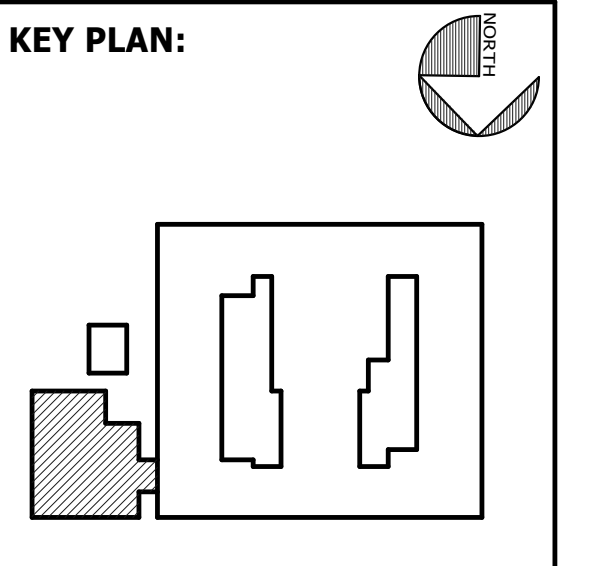
FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

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SEAL:



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SUITE 100
SAVANNAH, GA 31406



SHEET TITLE:
**FIRE ALARM
PLAN -
CAFETERIA
ADDITION**

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: PAA
SCALE: 1/8" = 1'-0"
SHEET: **EC4.01**



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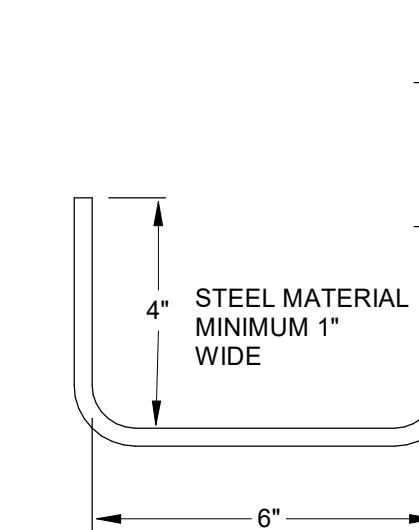


GENERAL NOTES:

- A. PROVIDE J-HOOKS AND D-RINGS ABOVE CEILINGS IN ALL SPACES WITHOUT CABLE TRAY. NO LOW VOLTAGE CABLE SHALL BE SUPPORTED BY CEILING GRID OR STRUCTURE WITHOUT USE OF J-HOOK OR D-RING.
- B. IN OPEN STRUCTURE AREAS AND IN SPACES WITH NON-ACCESSIBLE CEILINGS, LOW VOLTAGE CABLING SHALL BE ROUTED IN CONDUIT TO CABLE TRAY.
- C. CONDUIT SLEEVES: PROVIDE NUMBER & SIZE INDICATED: (1)-2" FOR ALL OFFICES AND OTHER SPACES, UNO.
- D. LOCATIONS OF WIRELESS ACCESS POINTS INDICATED ON PLANS.
- E. THE INTERCOM SYSTEM AND INTRUSION DETECTION SYSTEM SHOWN IN THE NEW CAFETERIA ADDITION SHALL BE AN EXTENSION OF THE SYSTEMS BEING REPLACED IN THE SCHOOL.

NOTES:

- A. ALL J-HOOKS SHALL BE SPACED NO MORE THAN 48 INCHES APART AND NO MORE THAN 12 INCHES FROM THE CORNER OF ANY SPACE.
- B. PROVIDE J-HOOKS NO MORE THAN 12 INCHES AWAY FROM CONDUIT SLEEVES.
- C. WHERE J-HOOKS ARE 2 OR MORE ROWS: SPACING BETWEEN THE ROWS SHALL BE 12 INCHES.
- D. CONDUIT SLEEVES SHALL BE AT THE SAME LEVEL AS THE ROWS OF J-HOOKS.
- E. FIRE SEAL AROUND ALL CONDUIT SLEEVES AS SHOWN IN CONDUIT PENETRATION DETAILS. SEE ARCHITECTURAL SHEET FOR REQUIRED RATINGS.
- F. COORDINATE THE EXACT LEVEL OF J-HOOKS AND CONDUIT SLEEVES WITH OTHER TRADES PRIOR TO ROUGHING.
- G. J-HOOKS SHALL NOT BE SUPPORTED BY GYPSUM WALL BOARD. J-HOOKS SHALL BE SUPPORTED BY BLOCK WALL OR STUD. SEE ARCHITECTURAL PLAN FOR WALL MATERIALS.
- H. ALL CABLING SHALL BE NEATLY BUNDLED UTILIZING VELCRO TIE WRAPS AT MINIMUM 5' INTERVALS.
- I. J-HOOKS SHALL SUPPORT CABLING FOR: FIRE ALARM, INTERCOM, DATA, TELEPHONE, CCTV, INTRUSION AND TELEVISION DISTRIBUTION.
- J. J-HOOKS SHALL SUPPORT A SINGLE SYSTEM - CABLING SHALL NOT BE INTERMINGLED.
- K. PROVIDE QUANTITY OF J-HOOKS AS REQUIRED FOR CABLING NOTED ON DRAWINGS. DO NOT EXCEED J-HOOK CAPACITY.



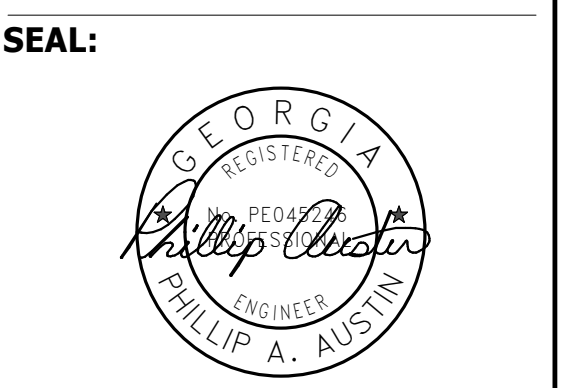
DW DULOHERY WEEKS ENGINEERS

VOL. II SAVANNAH ARTS ACADEMY ADDITION
500 WASHINGTON AVENUE
SAVANNAH, GEORGIA 31405
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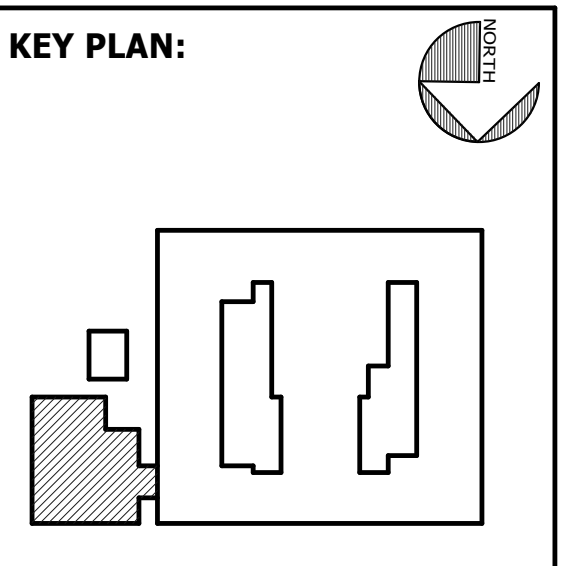


FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

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SAVANNAH, GA 31410
MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
7402 HODGSON MEMORIAL DRIVE,
SUITE 100
SAVANNAH, GA 31406



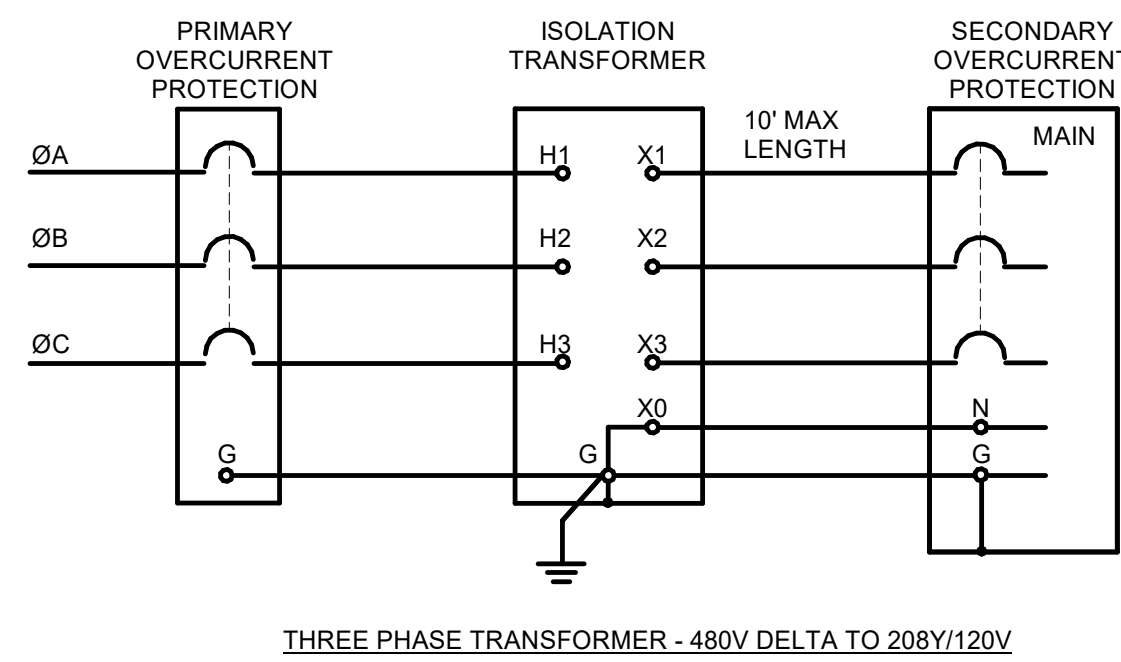
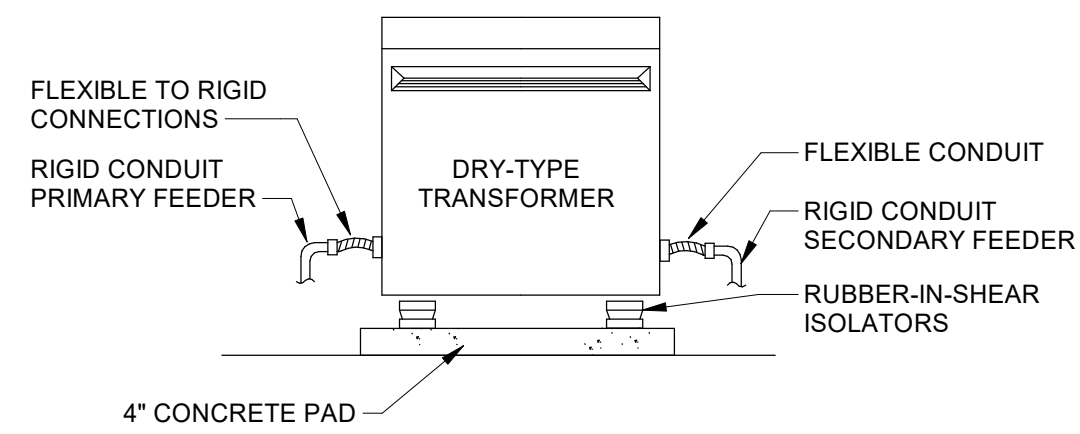
SHEET TITLE:
ELECTRICAL SYSTEMS PLAN - CAFETERIA ADDITION

REVISION SCHEDULE	
DATE	DESCRIPTION

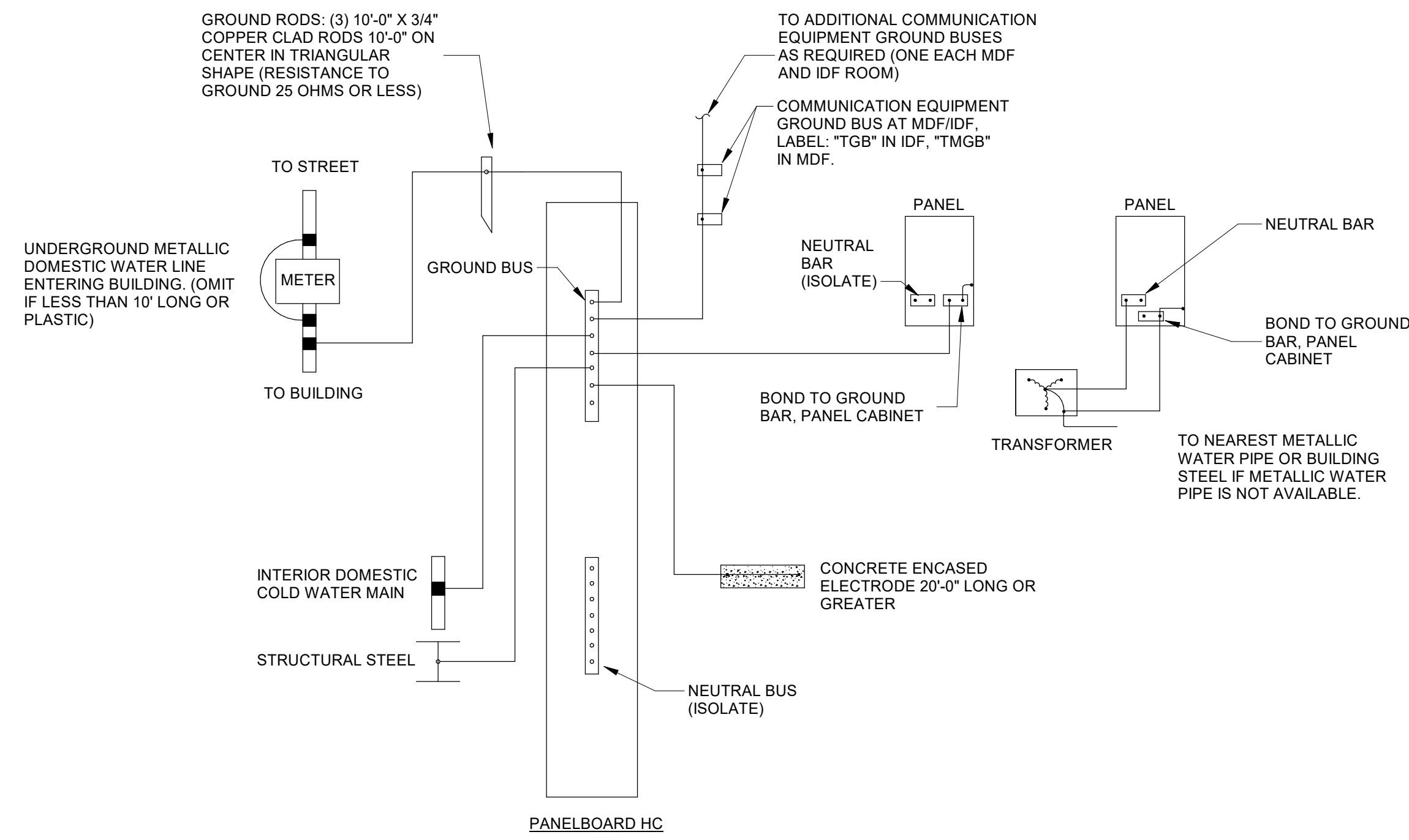
PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: PAA
SCALE: As indicated
SHEET: **EC5.01**

1 ELECTRICAL SYSTEMS PLAN - CAFETERIA ADDITION
EC5.01 1/8" = 1'-0"

2 J-HOOK DETAIL
EC5.01 NOT TO SCALE



THREE PHASE TRANSFORMER - 480V DELTA TO 208Y/120V



NOTES: (SERVICE GROUND DETAIL)

- A. PROVIDE TAGS AT EACH END OF EACH GROUND ROD. INTERIOR WATER PIPE AND BUILDING STEEL CONNECTION. LABEL END AT CONNECTION AS "SYSTEM GROUND - DO NOT REMOVE." LABEL END SWITCHBOARD MCB TO IDENTIFY OPPOSITE END.
- EXAMPLE: "GROUND RODS", "BUILDING STEEL", ETC.
- B. ALL ELECTRODE CONNECTIONS SHALL BE ACCESSIBLE. ALL ELECTRODE CONDUCTORS AND JUMPERS SHALL BE NO. 4/0 AWG.
- C. CONNECTIONS TO ROD, REINFORCING STEEL BARS, AND STRUCTURAL STEEL SHALL BE EXOTHERMIC WELD TYPE.
- D. CONNECTION TO PIPE ELECTRODES SHALL BE PRESSURE OR CLAMP TYPE.
- E. CONNECTION AT COMMUNICATION BUS SHALL BE MECHANICAL LUG TYPE.

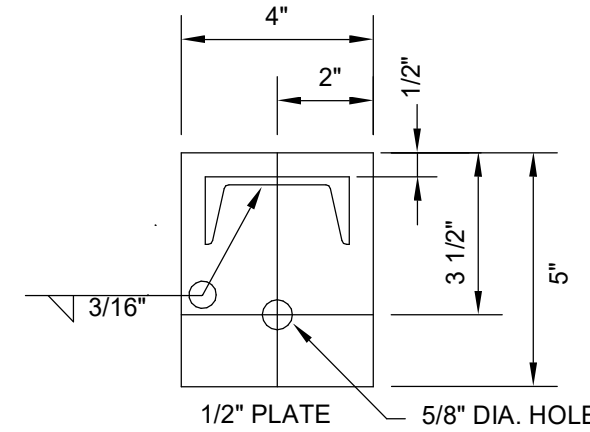
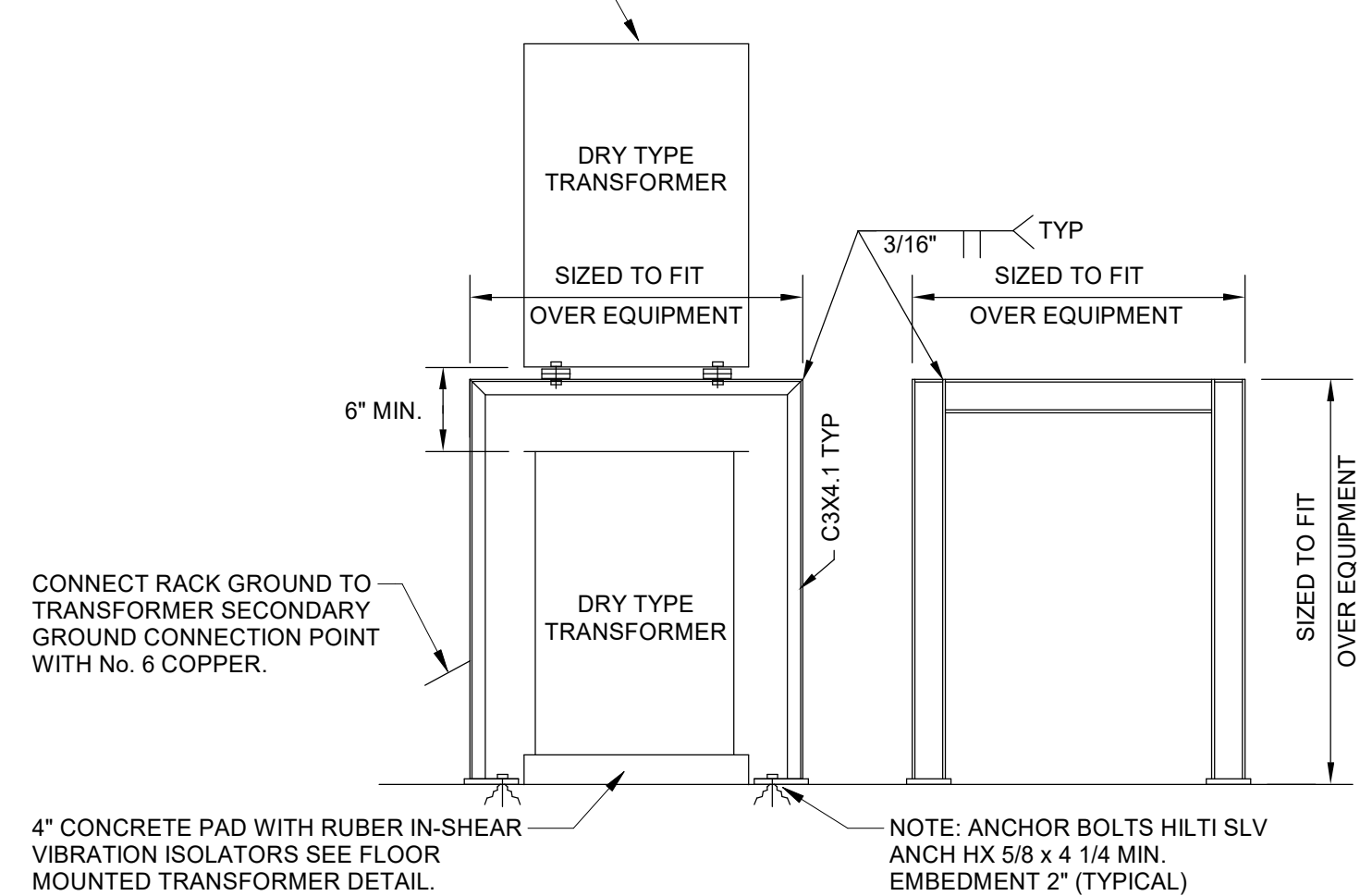
2 FLOOR MOUNTED TRANSFORMER

EC6.01 1/8" = 1'-0"

3 DRY TYPE TRANSFORMER CONNECTION

EC6.01 1/2" = 1'-0"

TOP TRANSFORMER SHALL BE SECURED TO RACK & BOTTOM TO FLOOR. PROVIDE 1" THICK LAMINATED CORK & NEOPRENE VIBRATION ISOLATING PADS AT FOUR CORNERS, EACH.



4 RACK MOUNTED TRANSFORMER

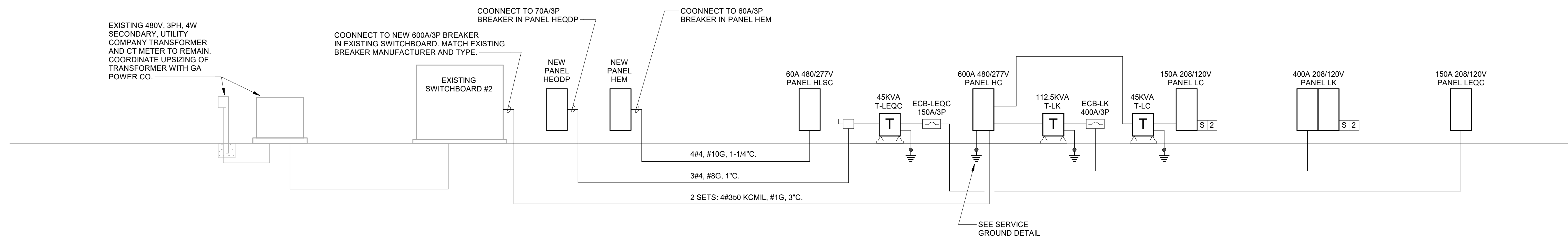
EC6.01 NOT TO SCALE

5 SERVICE GROUND DETAIL

EC6.01 1/8" = 1'-0"

DRY TYPE TRANSFORMER FEEDER SIZING - COPPER					
PRIMARY BREAKER	480 VOLT PRIMARY FEEDER	KVA	208 VOLT SECONDARY FEEDER	SECONDARY BREAKER	XFMR GROUND
30	4#10, 1/2" C	15	4#6, #8G, 1" C	50	1#8, 3/4" C
50	3#6, #10G, 3/4" C	30	4#1, #6G, 1-1/2" C	100	1#6, 3/4" C
70	3#4, #8G, 1" C	45	4#1/0, #6G, 2" C	150	1#6, 3/4" C
125	3#1, #6G, 1-1/2" C	75	4#4/0, #2G, 2-1/2" C	225	1#2, 3/4" C
175	3#2/0, #6G, 2" C	112.5	2 SETS: 4#3/0, #2G, 2" C	400	1#2, 3/4" C
225	3#4/0, #4G, 2" C	150	2 SETS: 4#350 KCMIL, #2/0G, 3" C	600	1#2/0, 3/4" C
350	3#500 KCMIL, #3G, 3" C	225	2 SETS: 4#600 KCMIL, #3/0G, 4" C	800	1#3/0, 3/4" C
450	2 SETS: 3#4/0, #2G, 2" C	300	4 SETS: 4#350 KCMIL, #3/0G, 3" C	1200	1#3/0, 3/4" C

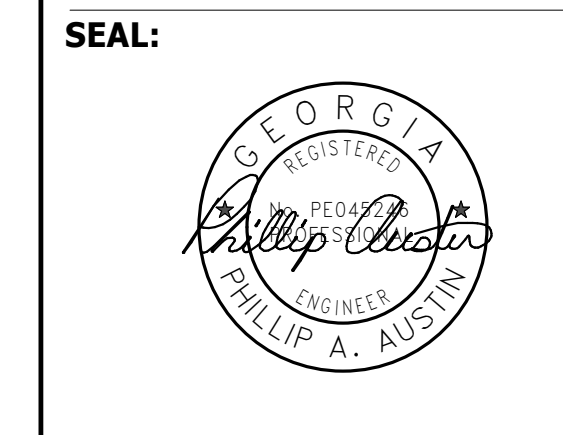
RISER DIAGRAM AND EQUIPMENT NOTES:
 S 2 SPD IN PANEL. PROVIDE 5-#1 CONDUCTORS IN 1-1/2" C FROM 60A/3P BREAKER IN SUPPLYING PANEL.



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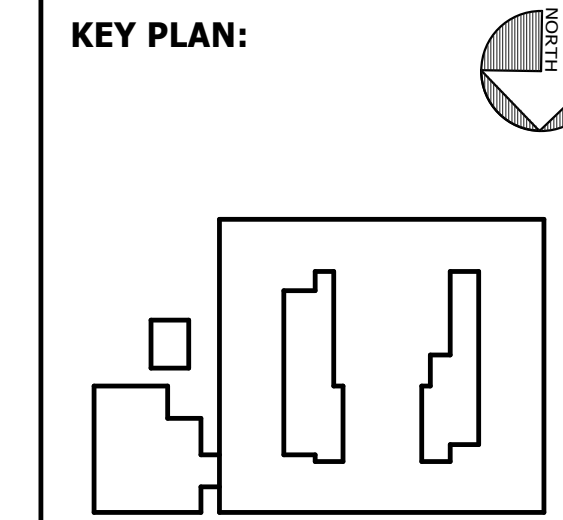
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MECHANICAL & ELECTRICAL ENGINEER:
DULOHERY WEEKS ENGINEERS
 7402 HODGSON MEMORIAL DRIVE, SUITE 100 SAVANNAH, GA 31406



SHEET TITLE:
POWER RISER DIAGRAM

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
 DATE: FEB 2022
 DRAWN BY: PAA
 SCALE: As indicated
 SHEET: **EC6.01**



PANEL: HC											
VOLTAGE: 480/277 WYE PHASE: 3 WIRES: 4 A.I.C. RATING: 17,163 MIN.			MAINS RATING: 600 A MAINS TYPE: MCB FED BY: SWBD#2			LOCATION: ELEC. 515 MOUNTING: SURFACE RATING: NEMA 1 TOTAL LOAD: 50985 VA					
CKT	TRIP	P	CIRCUIT DESCRIPTION	A	B	C	CIRCUIT DESCRIPTION	P	TRIP	CKT	
1	50 A	3	RAC-1	11085	39958		T-LK		3	175 A	2
3				11085	38126						4
5						11085	41793				6
7				11085	16814		T-LC		3	70 A	10
9	50 A	3	RAC-2			11085	15634				12
11						11085	15598				14
13				13302	8480						16
15	60 A	3	RAC-3		13302	8480	DISHWASHER (BKR LOCK)		3	40 A	18
17					13302	8480					20
19				3048	10000						22
21	25 A	3	MAU-1		3048	10000	BOOSTER HEATER (BKR LOCK)		3	50 A	24
23					3048	10000					26
25				831	2770						28
27	15 A	3	MAU-2		831	2770	CUTTER/MIXER (GFCI BKR)		3	20 A	30
29					831	2770					32
31	25 A	1	EH-3	4800	45519				3	225 A	34
33	30 A	1	WH-C2		6000	45519	UDS				36
35	20 A	1	WH-C3			3000	45519				38
37	20 A	1	WH-C4	3000	0		SHUNT TRIP ABOVE				40
39	30 A	1	WH-C5		6000	0	LIGHTING POWER SENSE		1	20 A	42
41	20 A	1	SPARE			0	SPARE		1	20 A	44
43	20 A	1	SPARE	0	0		SPARE		1	20 A	46
45	20 A	1	SPARE	0	0		SPARE				48
47	--	--	SPACE	0	0		SPACE				50
49	--	--	SPACE	0	0		SPACE				52
51	--	--	SPACE	0	0		SPACE				54
53	--	--	SPACE	0	0		SPACE				56
55	--	--	SPACE	0	0		SPACE				58
57	--	--	SPACE	0	0		SPACE				60
59	--	--	SPACE			0	SPACE				62
NOTES:				170693 VA	171880 VA	166512 VA					
				619 A	623 A	601 A					

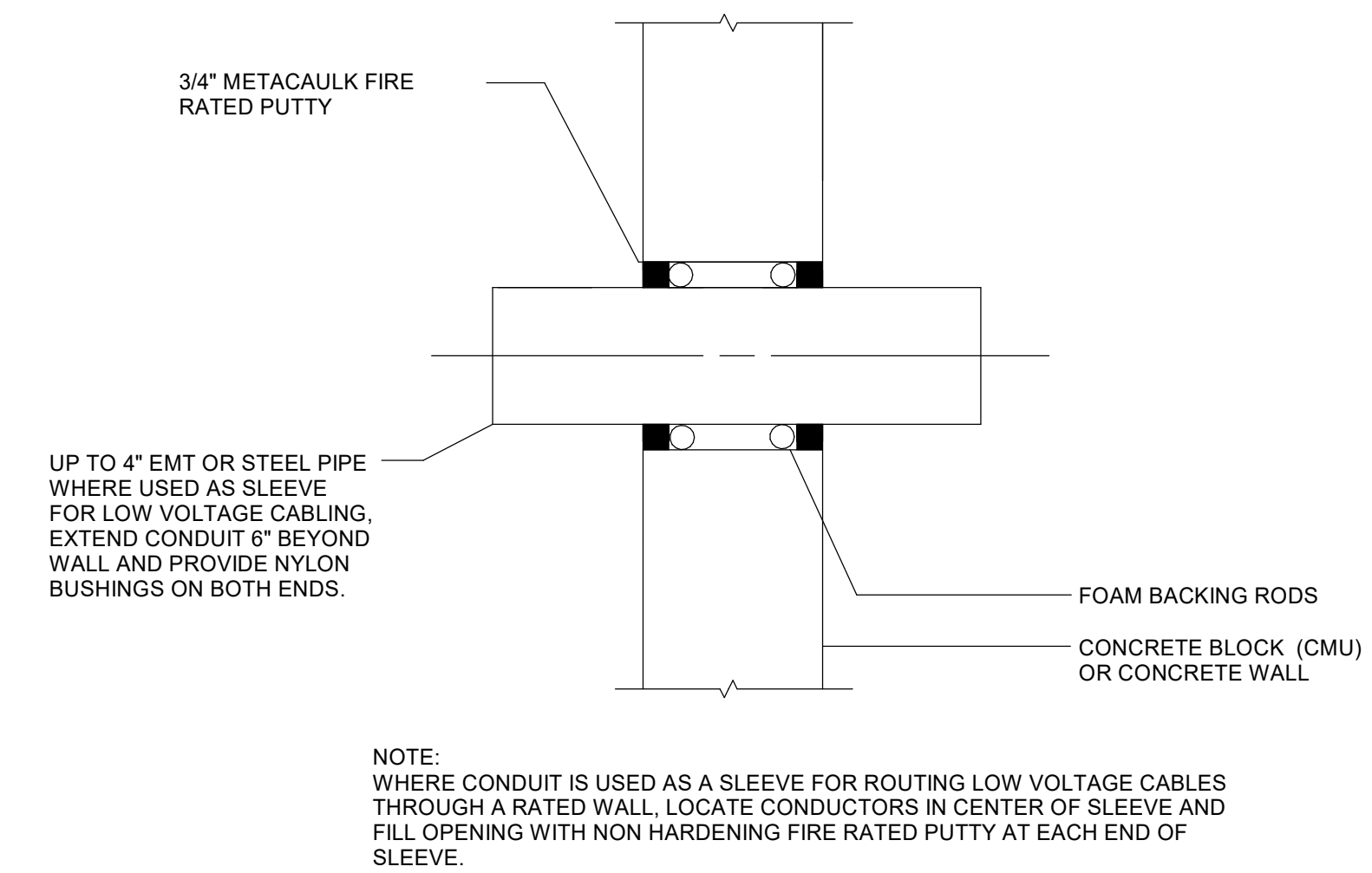
PANEL: HLSC											
VOLTAGE: 480/277 WYE PHASE: 3 WIRES: 4 A.I.C. RATING: 14,000			MAINS RATING: 60 A MAINS TYPE: MCB FED BY: HEM			LOCATION: ELEC. 515 MOUNTING: SURFACE RATING: NEMA 1 TOTAL LOAD: 6003 VA					
CKT	TRIP	P	CIRCUIT DESCRIPTION	A	B	C	CIRCUIT DESCRIPTION	P	TRIP	CKT	
1	20 A	1	LIGHTING	2815	0		SPACE		--	--	2
3	20 A	1	LIGHTING		2895	0	SPACE		--	--	4
5	20 A	1	EXTERIOR LIGHTING			318	0	SPACE		--	6
7	20 A	1	SPARE	0	0		SPACE				8
9	20 A	1	SPARE		0	0	SPACE				10
11	20 A	1	SPARE			0	0	SPACE			12
13	20 A	1	SPARE	0	0		SPACE				14
15	20 A	1	SPARE		0	0	SPACE				16
17	20 A	1	SPARE			0	0	SPACE			18
19	20 A	1	SPARE	0	0		SPACE				20
21	20 A	1	SPARE		0	0	SPACE				22
23	20 A	1	SPARE			0	0	SPACE			24
25	20 A	1	SPARE	0	0		SPACE				26
27	20 A	1	SPARE		0	0	SPACE				28
29	20 A	1	SPARE			0	0	SPACE			30
31	20 A	1	SPARE	0	0		SPACE				32
33	20 A	1	SPARE		0	0	SPACE				34
35	20 A	1	SPARE			0	0	SPACE			36
37	20 A	1	SPARE	0	0		SPACE				38
39	20 A	1	SPARE		0	0	SPACE				40
41	20 A	1	SPARE			0	0	SPACE			42
NOTES:				2815 VA	2895 VA	318 VA					
				12 A	12 A	1 A					

PANEL: LC													
VOLTAGE: 120/208 WYE PHASE: 3 WIRES: 4 A.I.C. RATING: 10,000			MAINS RATING: 150 A MAINS TYPE: MLO FED BY: T-LC			LOCATION: ELEC. 515 MOUNTING: SURFACE RATING: NEMA 1 TOTAL LOAD: 48045 VA							
CKT	TRIP	P	CIRCUIT DESCRIPTION	A	B	C	CIRCUIT DESCRIPTION	P	TRIP	CKT			
1	20 A	1	RECEPTACLE	900	936		DHP-15		2	15 A	2		
3	20 A	1	RECEPTACLE		1260	936					4		
5	20 A	1	RECEPTACLE			720	936		2	15 A	6		
7	20 A	1	RECEPTACLE	720	936						8		
9	20 A	1	RECEPTACLE			720	936				10		
11	20 A	1	RECEPTACLE			900	936		2	15 A	12		
13	20 A	1	WASHER	1500	1872		DHP-17				14		
15	20 A	1	GAS WATER HEATERS		1500	1872		DHP-18		25 A	16		
17	30 A	2	DRYER			2500	2080		2	30 A	18		
19				2500	2080						20		
21	20 A	1	RECEPTACLE		1620	2080		DHP-21		2	30 A	22	
23	20 A	1	EWV (GFCI BKR)(BKR LOCK)			1200	2080				24		
25	20 A	1	EWV (GFCI BKR)(BKR LOCK)	1200	504		WH-1		1	20 A	26		
27	20 A	1	HAND DRYER (BKR LOCK)		1500	166		EF-16		1	15 A	28	
29	20 A	1	HAND DRYER (BKR LOCK)			1500	166		EF-17		1	36 A	30
31	20 A	1	HAND DRYER (BKR LOCK)	1500	166			EF-18		1	15 A	32	
33	20 A	1	HAND DRYER (BKR LOCK)		1500	864		HW-C1		1	20 A	34	
35	20 A	1	RECEPTACLE			1500	0	SPARE		1	20 A	36	
37	20 A	1	MOTORIZED SHADES	2000	0						38		
39	20 A	1	PROJECTOR SCREEN		680	0		SPD		3	60 A	40	
41	20 A	1	ROOFTOP REC.			1080	0				42		
				16814 VA	15634 VA	15598 VA							
				140 A	130 A	130 A							

PANEL: LEQC												
VOLTAGE: 120/208 WYE PHASE: 3 WIRES: 4 A.I.C. RATING: 10,000			MAINS RATING: 150 A MAINS TYPE: MLO FED BY: ECB-LEQC			LOCATION: IDF 509 MOUNTING: SURFACE RATING: NEMA 1 TOTAL LOAD: 37713 VA						
CKT	TRIP	P	CIRCUIT DESCRIPTION	A	B	C	CIRCUIT DESCRIPTION	P	TRIP	CKT		
1	20 A	1	RECEPTACLE	1080	750		RECEPTACLE IDF		2	20 A	2	
3	20 A	1	RECEPTACLE		1800	750					4	
5	20 A	1	RECEPTACLE			1800	360		1	20 A	6	
7	20 A	1	RECEPTACLE	1800	180				1	20 A	8	
9	20 A	1	RECEPTACLE		1800	180			1	20 A	10	
11	20 A	1	RECEPTACLE			1800	180		1	20 A	12	
13	20 A	1	RECEPTACLE	1980	180				1	20 A	14	
15	20 A	1	SPARE		0	1080			1	20 A	16	
17	20 A	1	SPARE			0	1872		2	25 A	18	
19	20 A	1	SPARE	0	1872		DHP-19				20	
21	20 A	1	SPARE		0	0	SPACE		--	--	22	
23	20 A	1	SPARE			0	0	SPACE		--	24	
25	20 A	1	SPARE	0	1369						26	
27	20 A	1	WALK-IN FREEZER (BKR LOCK)		1800	1369		CONDENSING UNIT		3	20 A	28
29	20 A	1	WALK-IN COOLER (BKR LOCK)			1800	1369				30	
31	15 A	1	EVAP COIL (BKR LOCK)	216	1969						32	
33	15 A	1	EVAP COIL (BKR LOCK)		216	1969		CONDENSING UNIT		3	30 A	34
35	20 A	1	SPARE			1050	1969				36	
37	20 A	2	EVAP COIL (BKR LOCK)	1050	0						38	
39					1050	0		SPD		3	60 A	40
41	20 A	2	EVAP COIL (BKR LOCK)			1050	0				42	
				12447 VA	12015 VA	13251 VA						
				104 A	100 A	111 A						

PANEL: LK												
VOLTAGE: 120/208 WYE PHASE: 3 WIRES: 4 A.I.C. RATING: 10,000			MAINS RATING: 400 A MAINS TYPE: MLO FED BY: ECB-LK			LOCATION: RECEIVING 520 MOUNTING: FLUSH RATING: NEMA 1 TOTAL LOAD: 119877 VA						
CKT	TRIP	P	CIRCUIT DESCRIPTION	A	B	C	CIRCUIT DESCRIPTION	P	TRIP	CKT		
1	20 A	1	TIME CLOCK	360	864		PASS-THRU REFRIG. (GFCI BKR)		1	20 A	2	
3	20 A	1	RECEPTACLES		720	864		PASS-THRU REFRIG. (GFCI BKR)		1	20 A	4
5	20 A	1	RECEPTACLES			360	811				6	
7	20 A	1	ICE MACHINE (BKR LOCK)	1404	811				2	20 A	8	
9	20 A	1	SLICER		648	811		PASS-THRU CAB. (GFCI BKR)		2	20 A	10
11	20 A	1	REFRIGERATOR (GFCI BKR)			984	811				12	
13	20 A	1	RECEPTACLES	900	793						14	
15	20 A	1	RECEPTACLES		180	793		DISPOSER (BKR LOCK)		3	20 A	16
17	20 A	1	SPRAY SYSTEM			1500	793				18	
19	20 A	1	RECEPTACLES	360	793						20	
21	20 A	1	MIXER		960	793		DISPOSER (BKR LOCK)		3	20 A	22
23	20 A	1	RECEPTACLES			960	793				24	
25	20 A	1	HOLDING CAB. (GFCI BKR)	2316	2005						26	
27	20 A	1	RECEPTACLES		360</							

MECHANICAL EQUIPMENT CONNECTION SCHEDULE										
ITEM	ELECTRICAL CHARACTERISTICS					BREAKERS		FEEDER	DISCONNECT SW	REMARKS
	VOLTS	PHASE	KW	HP	MCA	MOCP	AMP			
DUCTLESS HEAT PUMP SCHEDULE										
DHP-15, DAH-15	208	1			9.0	15	15	2	2#12, #12G, 1/2"C	30A/2P/3R
DHP-16, DAH-16	208	1			9.0	15	15	2	2#12, #12G, 1/2"C	30A/2P/3R
DHP-17, DAH-17	208	1			9.0	15	15	2	2#12, #12G, 1/2"C	30A/2P/3R
DHP-18, DAH-18	208	1			18.0	25	25	2	2#10, #10G, 1/2"C	30A/2P/3R
DHP-19, DAH-19	208	1			18.0	25	25	2	2#10, #10G, 1/2"C	30A/2P/3R
DHP-20, DAH-20	208	1			20.0	30	30	2	2#10, #10G, 1/2"C	30A/2P/3R
DHP-21, DAH-21	208	1			20.0	30	30	2	2#10, #10G, 1/2"C	30A/2P/3R
MAKE-UP UNIT SCHEDULE										
MAU-1	480	3			14.1	25	25	3	3#10, #10G, 1/2"C	BY DIV. 23
MAU-2	480	3			4.0	15	15	3	3#12, #12G, 1/2"C	BY DIV. 23
ROOF AIR CONDITIONER SCHEDULE										
RAC-1	480	3			42.8	50	50	3	3#6, #10G, 3/4"C	60A/3P/3R
RAC-2	480	3			42.8	50	50	3	3#6, #10G, 3/4"C	60A/3P/3R
RAC-3	480	3			47.2	60	60	3	3#4, #10G, 1"C	60A/3P/3R
ELECTRIC HEATER SCHEDULE										
EH-3	277	1	4.8		21.6	25	25	1	3#10, 1/2"C	BY DIV. 23
FAN SCHEDULE										
EF-16	120	1		1/10	1.7	15	15	1	3#12, 1/2"C	BY DIV. 23
EF-17	120	1		1/10	1.7	15	15	1	3#12, 1/2"C	BY DIV. 23
EF-18	120	1		1/10	1.7	15	15	1	3#12, 1/2"C	BY DIV. 23
KEF-1	208	3		5	20.9	30	30	3	4#10, 1/2"C	BY DIV. 23
KEF-2	120	1		1/2	8.0	20	20	1	3#12, 1/2"C	BY DIV. 23
DOMESTIC WATER HEATER SCHEDULE										
WH-C1	120	1	0.5		5.3	20	20	1	2#12, 12G, 1/2"C	RECEPTACLE 1/3HP HWC (120V/20A)
WH-C2	277	1	6		27.0	30	30	1	2#10, 10G, 1/2"C	COMPACT 60A/2P
WH-C3	277	1	3		13.5	20	20	1	2#12, 12G, 1/2"C	COMPACT 30A/2P
WH-C4	277	1	3		13.5	20	20	1	2#12, 12G, 1/2"C	COMPACT 30A/2P
WH-C5	277	1	6		27.0	30	30	1	2#10, 10G, 1/2"C	COMPACT 60A/2P



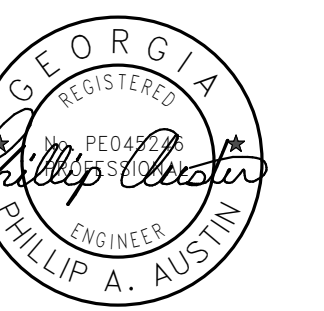
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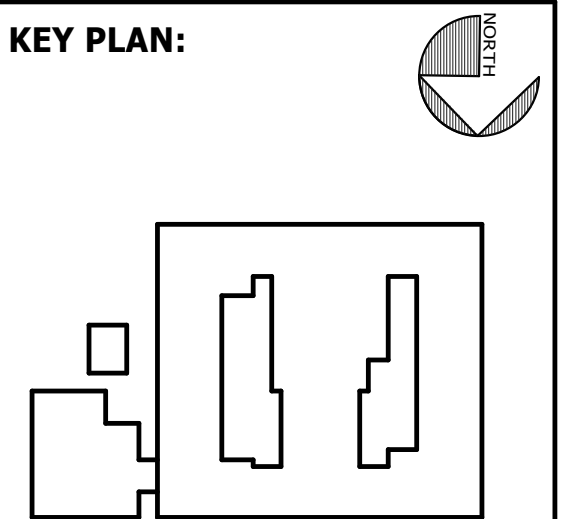
FACILITY CODE: 1607
FTE: 1000
FUNDING: LOCAL EFFORT
BID NO#: C22-01

Cogdell Mendrala Architects
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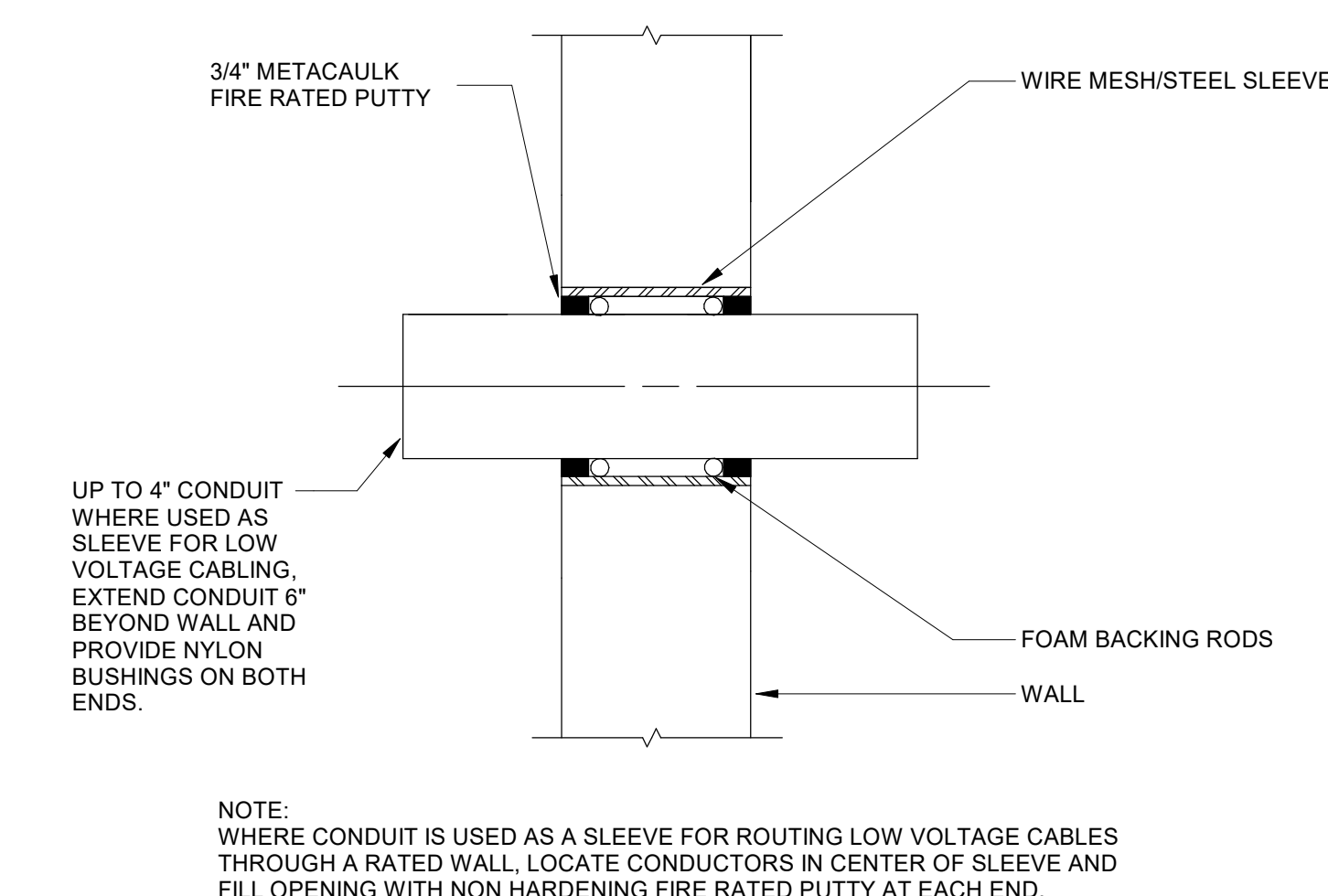
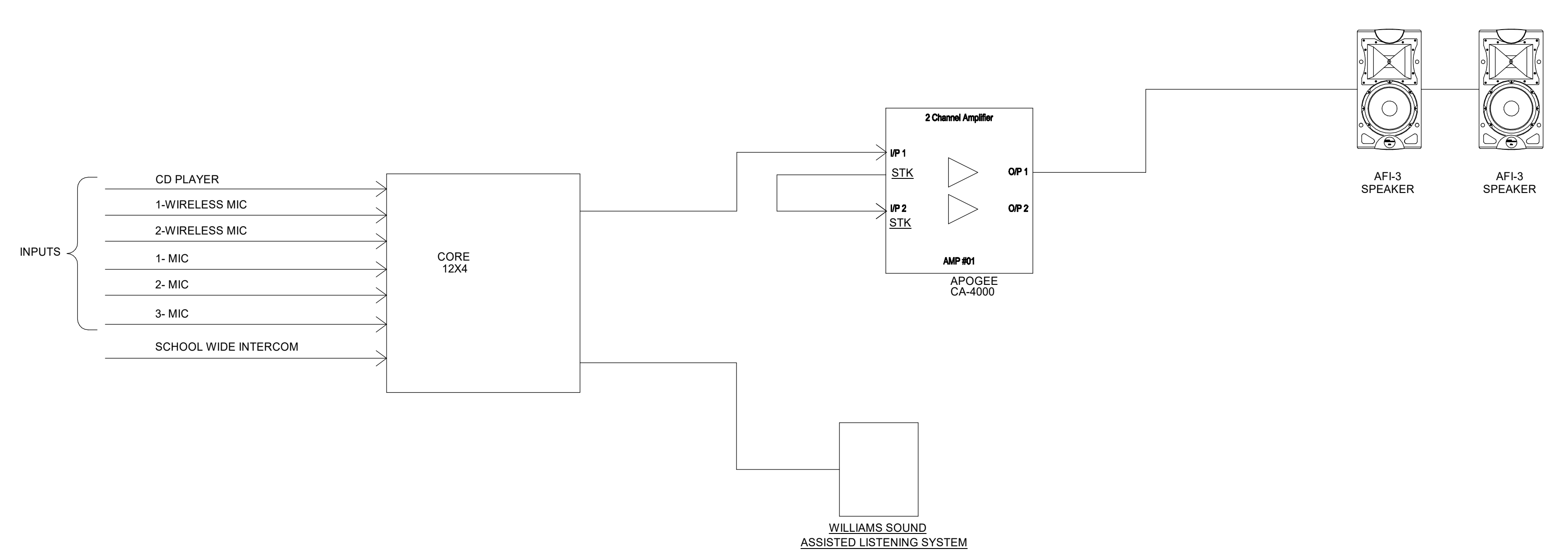
SHEET TITLE:
ELECTRICAL SCHEDULES & DETAILS

REVISION SCHEDULE	
DATE	DESCRIPTION

PROJECT NO: 1916
DATE: FEB 2022
DRAWN BY: PAA
SCALE: NOT TO SCALE
SHEET: **EC.03**



3 CONCRETE WALL PENETRATION
 EC6.03 NOT TO SCALE



4 GYPSUM WALLBOARD PENETRATION
 EC6.03 NOT TO SCALE

BIM 360/20190115 Savannah Arts Academy Renovations/20190115-ELEC.rvt
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2 CAFETERIA / MULTIPURPOSE P.A. SYSTEM SIGNAL FLOW DIAGRAM
 EC6.03 NOT TO SCALE

3 CONCRETE WALL PENETRATION
 EC6.03 NOT TO SCALE

4 GYPSUM WALLBOARD PENETRATION
 EC6.03 NOT TO SCALE