

*RENDERING FOR VISUAL REPRESENTATION ONLY. NOT TO BE USED AS A REFERENCE FOR CONSTRUCTION

275 NORTHSIDE DR, NW ATLANTA, GA 30014 404-257-1932

STRUCTURAL ENGINEER:

SDL 2300 WINDY RIDGE PKWAY SE, SUITE 675 SOUTH ATLANTA, GA 30339 (770) 850-1347

JUNIOR ACHIEVEMENT

4395 RIVER WATCH PARKWAY EVANS, GA 30809 **ISSUE FOR CONSTRUCTION** 02.03.2023

PROJECT DIRECTORY

OWNER/DEVELOPER:

JUNIOR ACHIEVEMENT OF GEORGIA

ARCHITECT/INTERIOR DESIGNER:

RULE JOY TRAMMELL + RUBIO, LLC. ARCHITECTURE + INTERIOR DESIGN 300 GALLERIA PKWY. SUITE 740 ATLANTA, GA 30339 770-661-1492 (PHONE)

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ELECTRICAL ENGINEER:

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MECHANICAL & PLUMBING ENGINEER:

PFA ENGINEERING, INC. 1201 BROAD STREET, STE 3A AUGUSTA, GA 30901 706-722-3959 706-990-9167

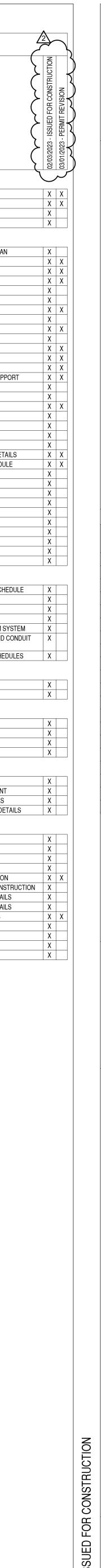
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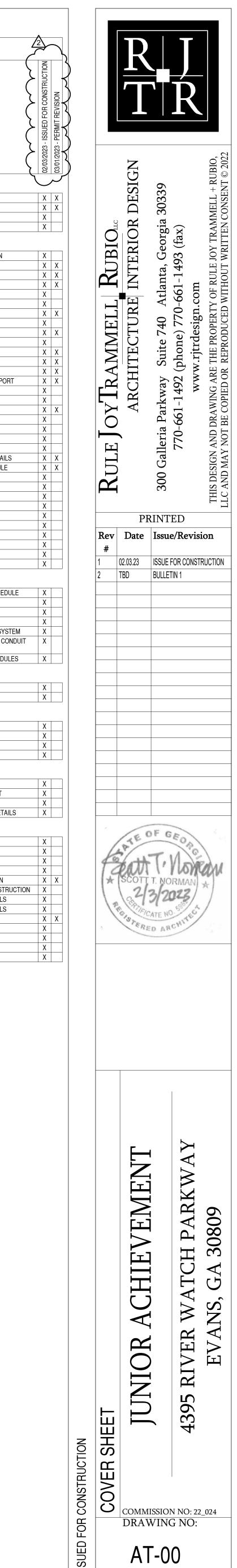
GENERAL CONTRACTOR:

MCKNIGHT CONSTRUCTION

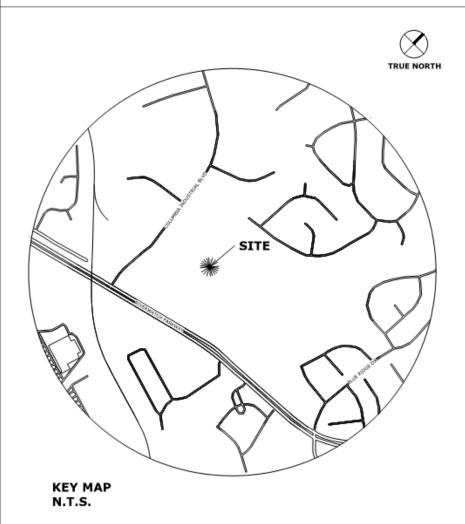
LOW VOLTAGE:

STAGE FRONT 1000 HOLCOMB WOODS PKWY, STE 116 ROSWELL, GA 30076 800-736-9242

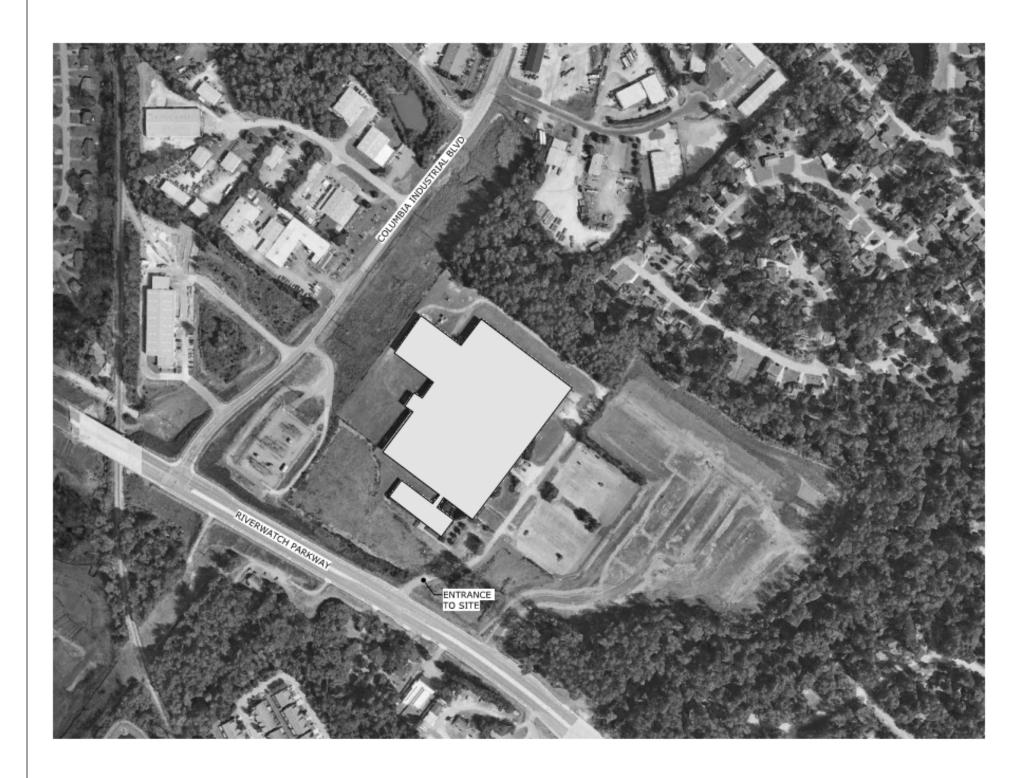




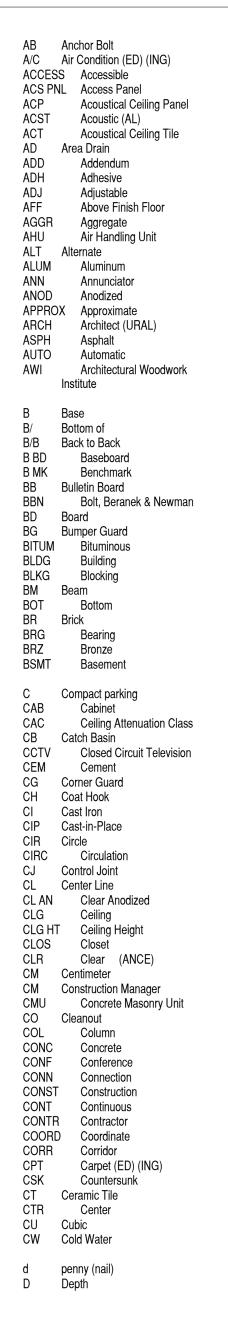
LOCATION MAP:



 \bigotimes TRUE NORTH



ABBREVIATIONS:



DBL DEG DEPT DF DIA DIAG DIFF DIM DISP DIV DL DN DP DR DS DTL DW DWG DWR	Double Degree Demolish Department Detail Drinking Fountain Diameter Diagonal Diffuser Dimension Dispenser Division Dead Load Down Damproofing Door Downspout Detail Dishwasher Drawing Drawer
E EA EDF EIFS EJ EL ELAST ELEC ELEV EMER ENCL ENGR EOS EP EQ EQUIP EPX ES ETC EWC EXH EXP EXP EXT	East Each Electric Drinking Fountain Exterior Insulation Finish System Expansion Joint Elevation Elevation Electric (AL) Elevator Energency Enclosure Engineer Entrance Electrical Outlet Edge of Slab Electrical Panel Equal Equipment Epoxy Emergency Shower Etcetera Electric Water Cooler Exhaust Existing Expansion Expansion Expansion Exterior
F/ F/F FA	Face of Face to Face Fire Alarm
GHM GL GLU LA GR GSF GT GWB GYP PI	Galvanized Hollow Metal Glass, Glazing M Glue Laminated Wood Grade Gross Square Foot(FEET) Grease Trap Gypsum Wall Board Gypsum LAS Gypsum Plaster
H HB HC HDBD HDW HDWD HM HO HORIZ HP HPC HPL	High Hose Bibb Hollow Core Handicap (PED) Hardboard Hardware Hardwood Hollow Metal Hold Open Horizontal (LY) High Point High Performance Coating High Pressure Laminate

HTR HV HVAC HW HYD	Heating Heater Homogeneous Vinyl Heating, Ventilation, Air Conditioning Hot Water Hydrant
ID IN INCANE INCL INSUL INT INTERN INV	Include(D), including Insulation Interior
JAN JAN CL JB JT	Janitor (CLOSET) O Janitor Closet Junction Box Joint
KD Kit Ko	Knockdown Kitchen Knockout
L LAM LAV LB(S) LEV LF LH LKR LL LNG LP LT LTG LVP LVP LVP LYR	Length Laminate Lavatory pound(s) Level Linear Foot (FEET) Left Hand Locker Live Load Longitude, longitudinal Low Point Light Lighting Low Voltage Panel Lightweight Concrete Layer
MACH MAINT MAS MATL MAX MDF MECH MEMB MEZZ MFR MIN MIR MIN MIR MIN MIR MIN MIR MIN MIR MIN MIR MIN MIN MIN MIN MIN MIN MIN MIN MIN MIN	Machine Maintenance Masonry Material Maximum Medium Density Fiberboard Mechanic (AL) Membrane Mezzanine Marufacturer Minimum Minute Mirror Miscellanious D Marker Board Moulding Masonry Opening Masonry Rough Opening Mounted Mounting Metal Mullion Movable
N N/A NIC NO NOM	North Not Applicable Not in Contract Number Nominal

HR Hour

HT Height

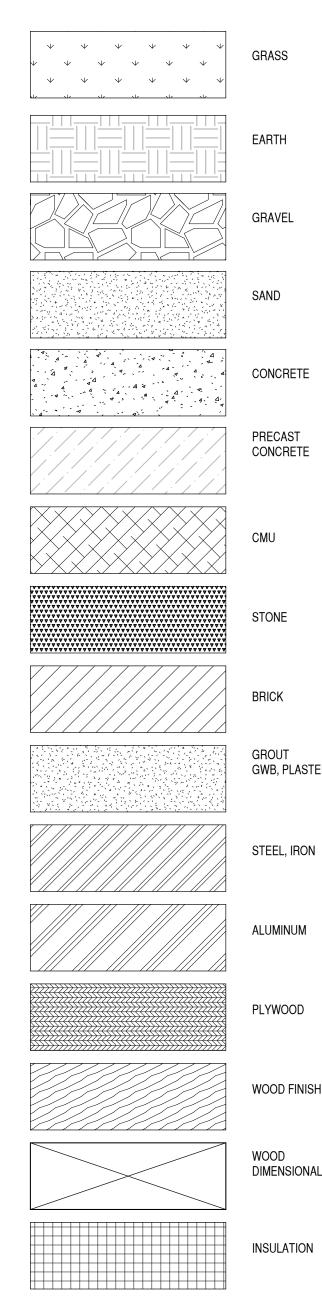
HTG Heating

NIC	Not in Contract
NO	Number
NOM	Nominal
NRC	Noise Reduction Coefficient
NSF	Net Square Foot (Feet)
NTS	Not to Scale
OA	Overall
OC	On Center
OD	Outside Diameter
OFD	Overflow Drain
OFF	Office

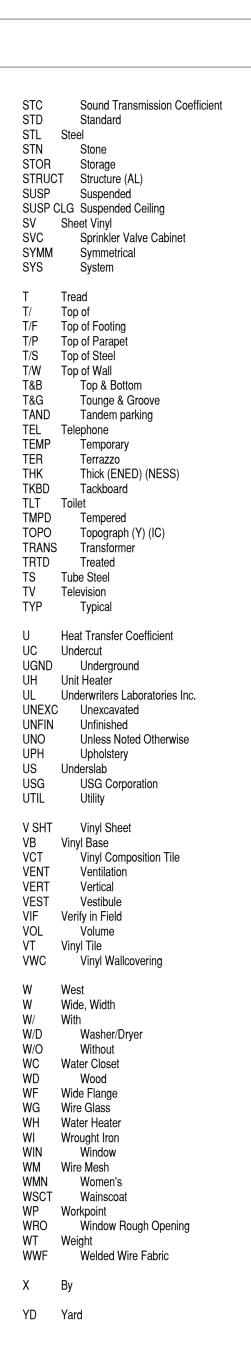
Opposite Hand Opening Opposite Overflow Scupper
Paint Public Address Particle Board Precast Precast Concrete Perpindicular Pegboard Plastic Laminate Plate Plastic Laminate Plumbing Plywood Panel Paint Polished Pair B Prefabricated Parking Project CRN Projection Screen Property Pounds per Square Foot Pounds per Square Inch Polished Stainless Steel Paint Partition Polyvinyl Chloride Paving
Quarry Tile Quantity
Measure of Thermal Resistance Radius Raised Access Floor(ING Riverbank Acoustical Laboratories Rubber Base Reinforced Concrete Reflected Ceiling Plan Reception Roof Drain Reference Reference Refrigerator Reinforce (ING) (MENT) Required Resilient Revise (D) (ION) Roofing Right Hand Rain Leader Room Rough Opening Right-of-Way
South Sound Attenuation Batts Sanitary Solid Core Schedule Sealed Concrete Solid Core Wood(Door) Section Service Square Foot (FEET) Shelving Shower Sheet Sheathing Similar Standpipe S) Specification(S) Speaker Square Square Inch Stainless Steel Stainless Steel Stainless Steel #4 Finish Stain

PR	OJECT DESCRIPTION		
		APPLICABLE CO	DES AND STANDARDS
PROJECT NAME	JA DISCOVERY CENTER AUGUSTA INTERIOR FIT-UP		
RJT+R COMMISSION NO.	22-024	BUILDING:	INTERNATIONAL BUIL
		FUEL GAS:	INTERNATIONAL FUE
JURISDICTION	STATE OF GEORGIA,	MECHANICAL:	INTERNATIONAL MEC
	6.1	PLUMBING:	INTERNATIONAL PLU
EXISTING USE CLASS	S-1	FIRE CODE:	INTERNATIONAL FIRE
PROPOSED	MIXED USE $\sqrt{\frac{2}{2}}$	ENERGY CONSERVATION:	INTERNATIONAL ENE
NFPA USE CLASS	S-1, A3, & B { 2018 jBC }	ELECTRICAL:	NATIONAL ELECTRIC
CONSTRUCTION TYPE	TYPE IIB (UNLIMITED AREA FOR 2B PER 507.2 / FULLY SPRINLERED	EGRESS & LIFE SAFETY:	NFPA 101 LIFE SAFET
	& 60 YARD BUFFER)	ACCESSIBILITY:	2010 ADA STANDARD
HIGH-RISE	NO		
SPRINKLERED	YES		
NUMBER OF FLOORS	1		
YEAR BUILT	1974	(*NOTE: ALL BACKFLOWS	MUST BE CURRENT W

MATERIAL & ARCHITECTURAL SYMBOLS:



SS	
	DRAWING TITLE
Ή	1 TITLE Scale:
/EL	ELEVATION SYMBOL
)	DRAWING NO
CRETE	INTERIOR ELEVATION SYMBOL
CAST CRETE	4 A1.1 2 SHEET NO
	SECTION SYMBOL
IE	DRAWING NO
К	SHEET NO
UT , PLASTER	DETAIL SYMBOL
il, Iron	DRAWING NO
IINUM	SHEET NO
VOOD	REVISION CLOUD SYMBOL
d finish	
d NSIONAL	

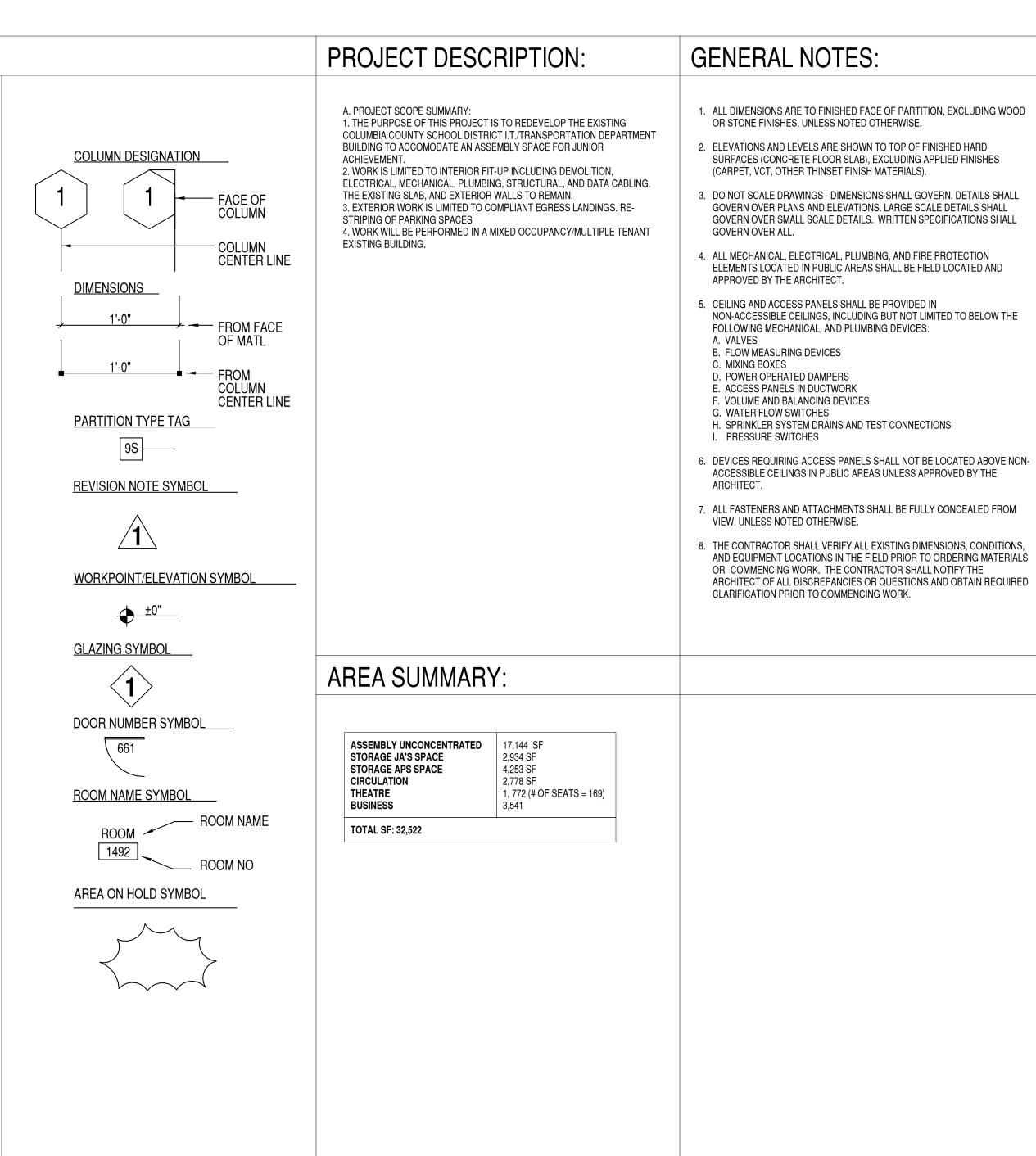


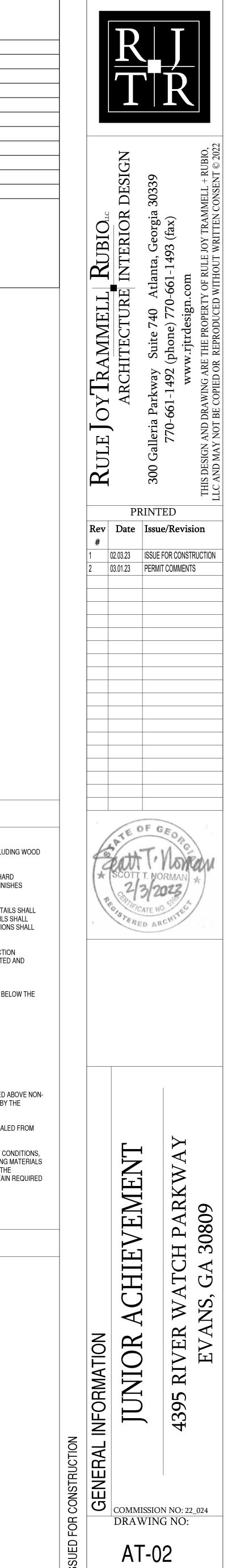
CODES & ORDINANCES

EFFECTIVE DATE

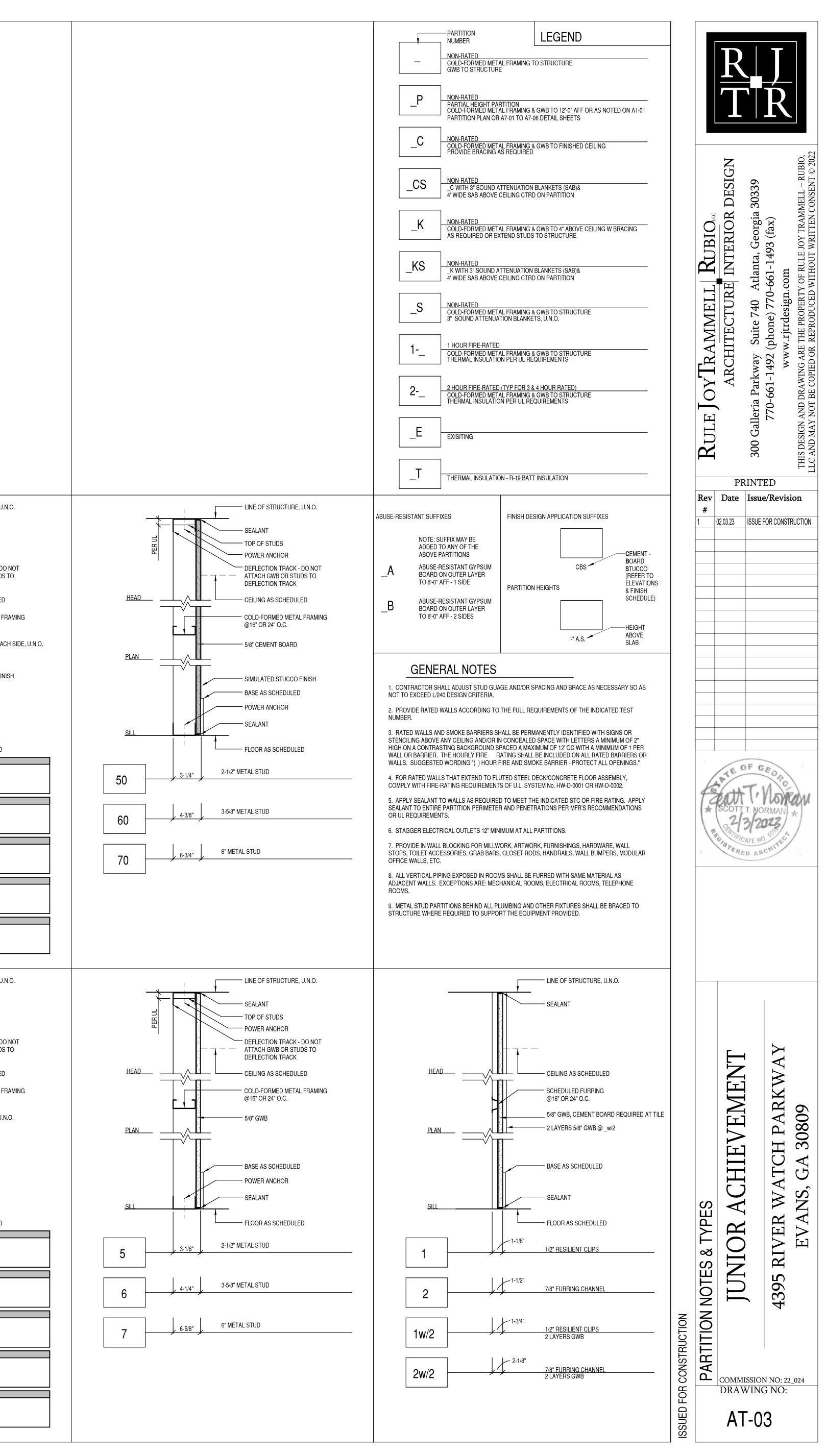
BUILDING:	INTERNATIONAL BUILDING CODE, 2018 EDITION WITH GA. STATE AMENDMENTS	2020
FUEL GAS:	INTERNATIONAL FUEL GAS CODE, 2018 EDITION WITH GA. STATE AMENDMENTS	2020
CHANICAL:	INTERNATIONAL MECHANICAL CODE, 2018 EDITION WITH GA. STATE AMENDMENT	2020
PLUMBING:	INTERNATIONAL PLUMBING CODE, 2018 EDITION WITH GA. STATE AMENDMENTS	2020
IRE CODE:	INTERNATIONAL FIRE CODE, 2018 EDITION WITH GA. STATE AMENDMENTS	2018
ERVATION:	INTERNATIONAL ENERGY CONSERVATION CODE, 2015 EDITION W/ GA. AMENDMENTS	2020
ECTRICAL:	NATIONAL ELECTRICAL CODE, 2020	2020
E SAFETY:	NFPA 101 LIFE SAFETY CODE, 2018 EDITION WITH GA. STATE AMENDMENTS	2018
ESSIBILITY:	2010 ADA STANDARDS FOR ACCESSIBILITY	2010

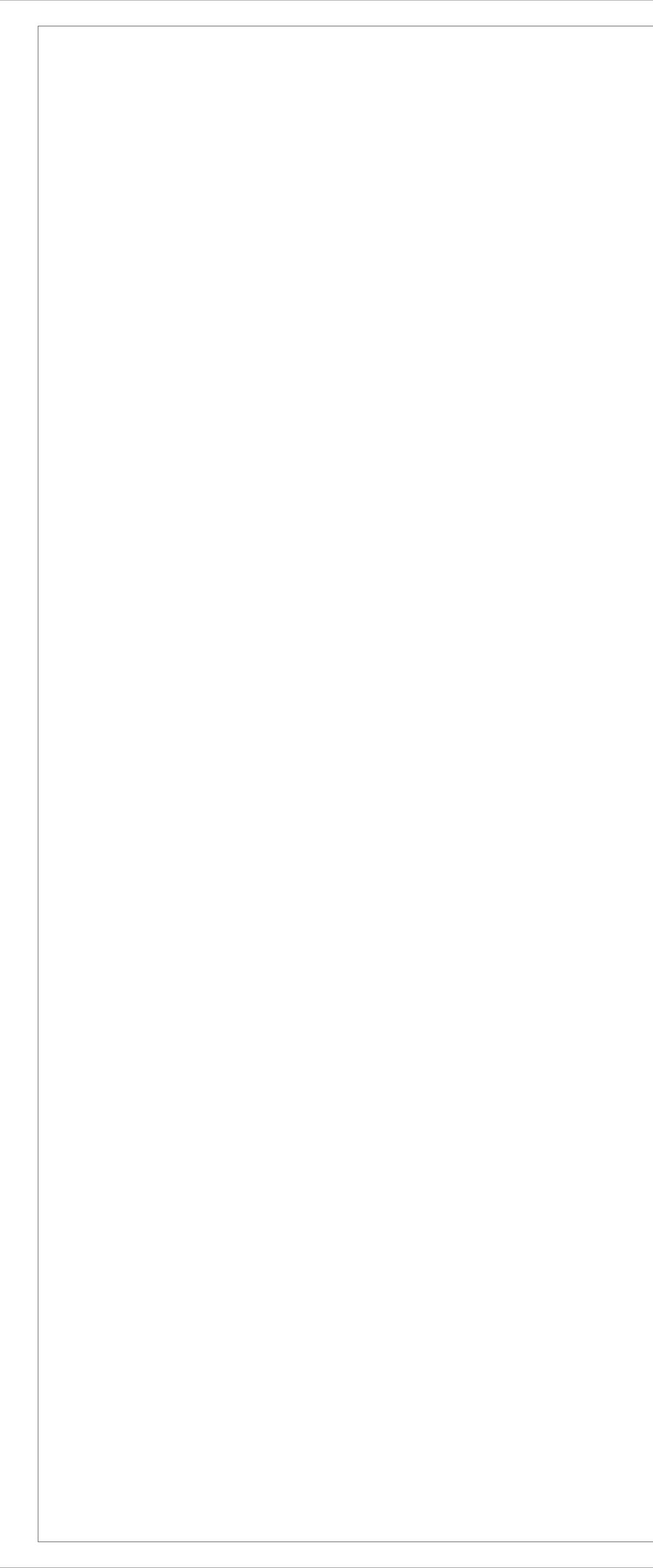
CKFLOW TEST.WS

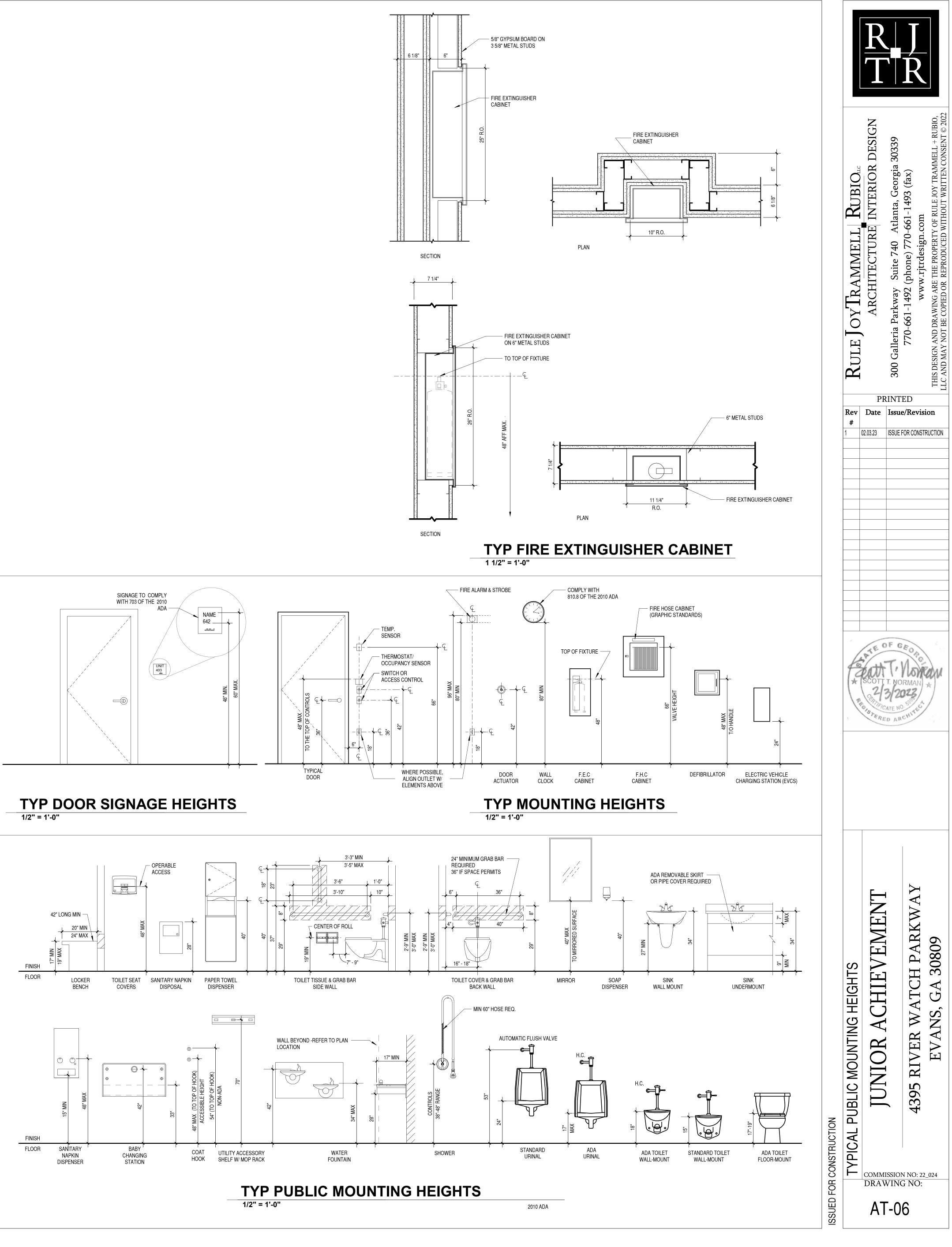


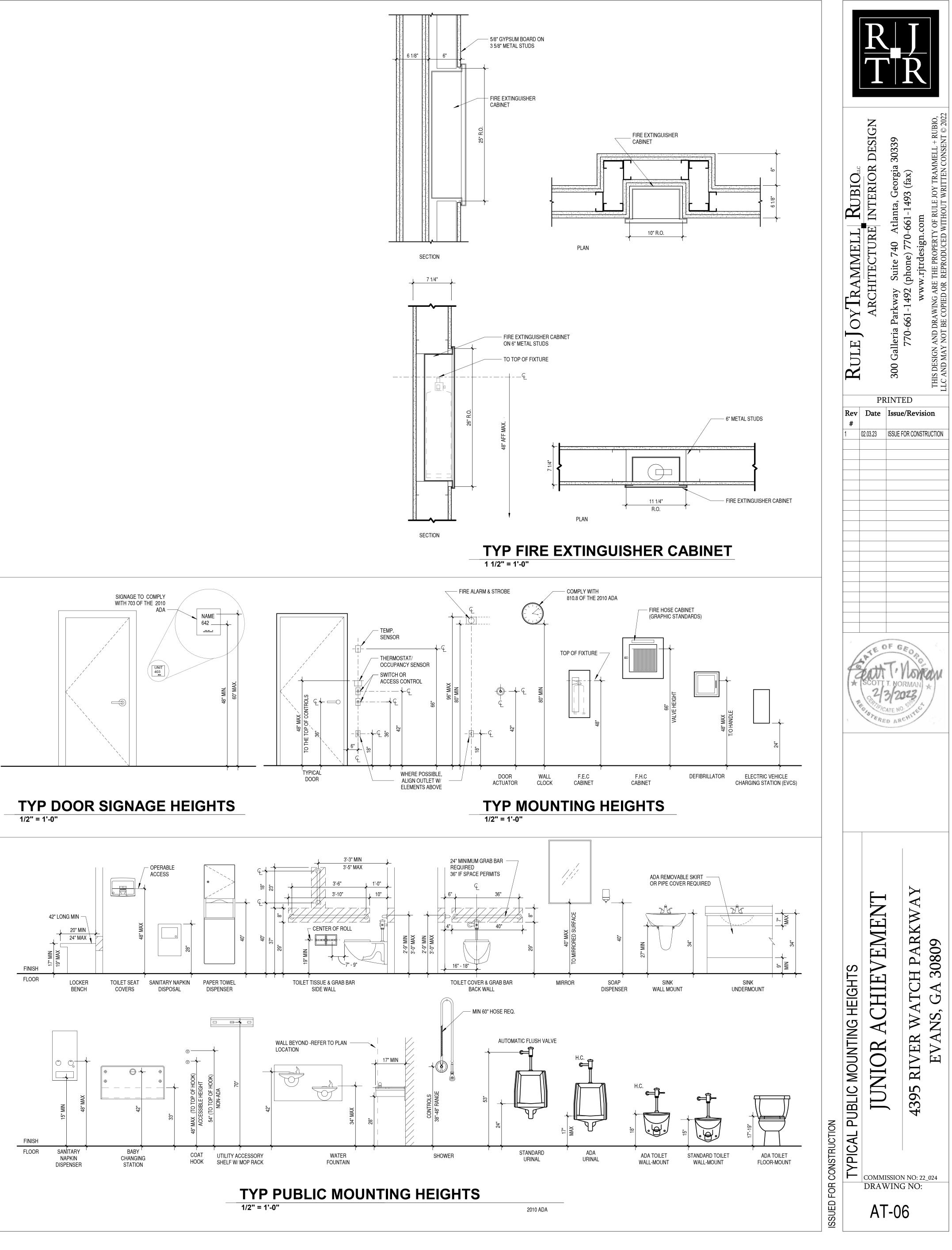


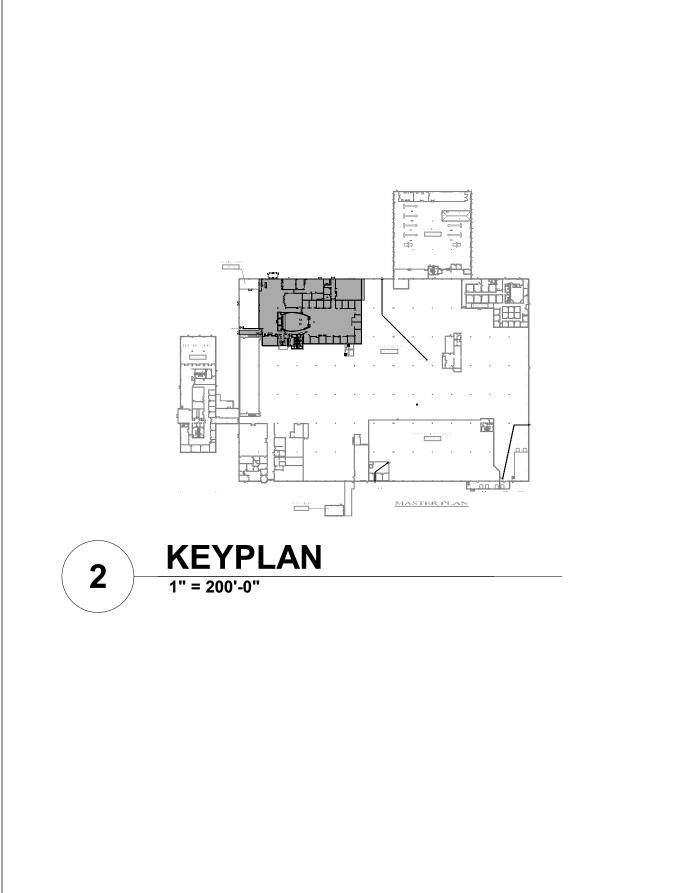
		NOTE: CEMENT BOARD ON ONE SIDE UNLESS OTHERWISS NOTED ON FINISH PLANS HEAD HEAD HEAD HEAD HEAD HEAD HEAD HEA
Image: construction of the constend of the construction of the construction	Image: construction of the construc	INPLOY INPLOY

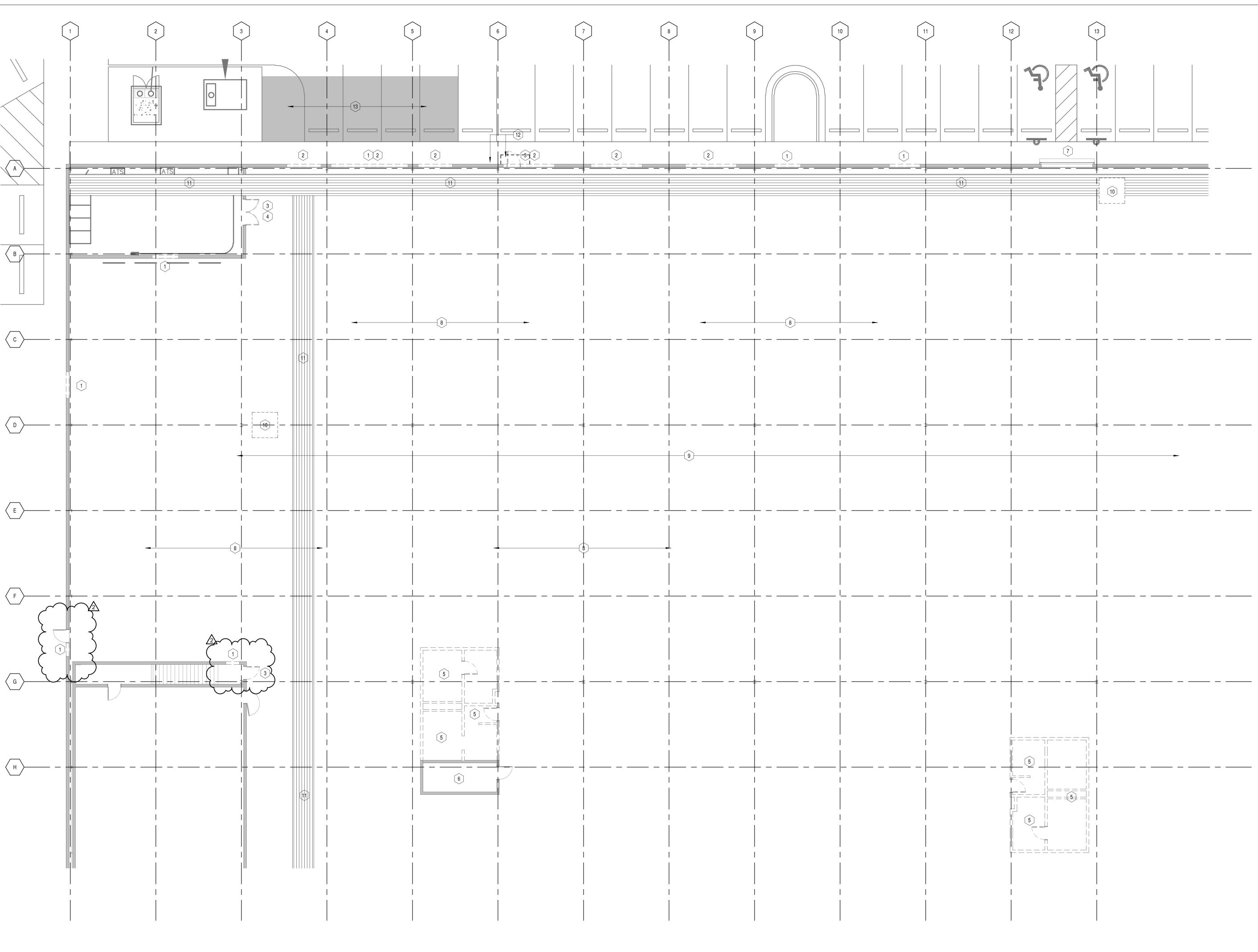














DEMO PLAN LEGEND:

= = = = = \Box ۱ 🎚

REA NOT IN CONTRACT	

EXISTING PARTITION TO REMAIN

DEMOLISHED PARTITION

EXISTING DOOR AND FRAME TO BE REMOVED / RELOCATED

EXISTING DOOR AND FRAME TO REMAIN

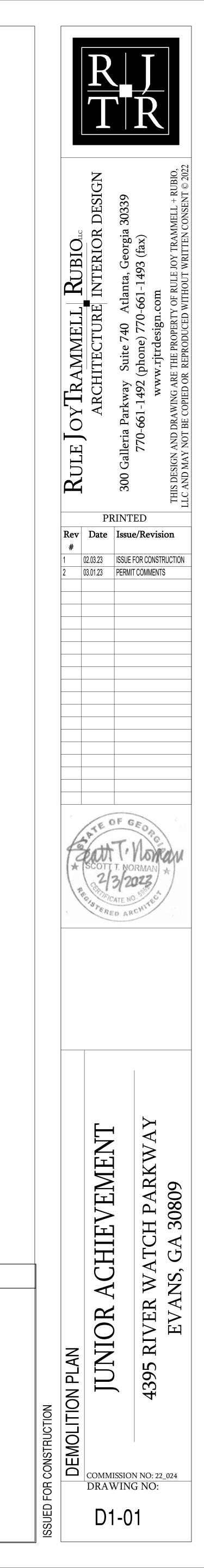
DEMO PLAN GENERAL NOTES:

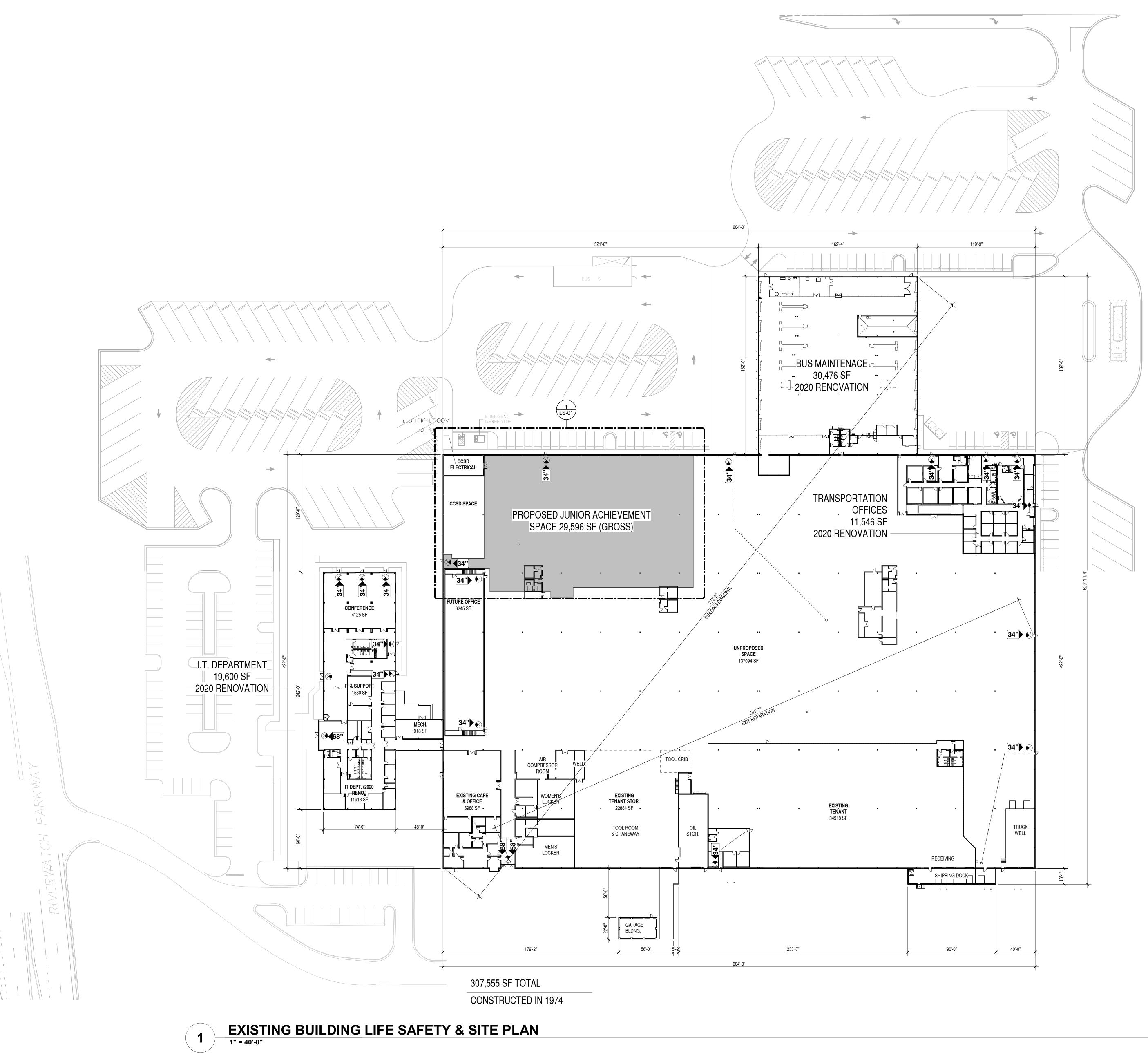
- 1. DEMOLITION IS NOT NECESSARILY LIMITED TO WHAT IS SHOWN ON THE DRAWINGS. THE INTENT OF THE DRAWINGS IS TO INDICATE THE GENERAL SCOPE OF DEMOLITION REQUIRED TO
- ADJACENT FINISH.
- FUNCTIONAL DURING THE ENTIRE TIME OF RENOVATION.
- DISTRIBUTION WITH NEW LAYOUT. 5. EXISTING CARPET AND BASE TO BE REMOVED. PREP FOR NEW FINISHES. REFER TO A4 SERIES.

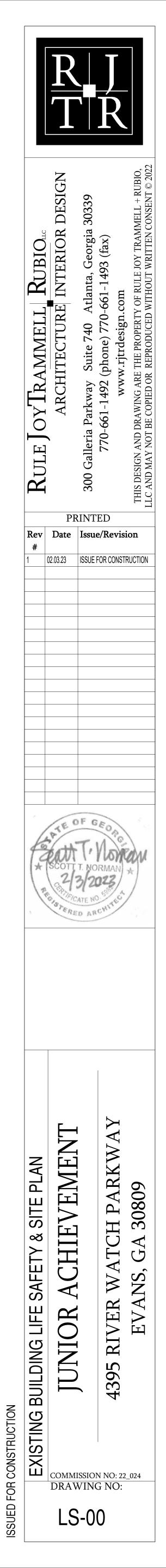
COMPLETE THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. CONTRACTOR SHOULD BE FAMILIAR WITH ALL PHYSICAL CONDITIONS OF SITE, PRIOR TO BIDDING WORK. 2. CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND/OR REPAIRING ANY DAMAGE CAUSED BY THE GENERAL CONSTRUCTION. REFINISH DAMAGED SURFACES TO MATCH EXISTING CONTRACTOR SHALL RETAIN ALL EXISTING FIRE ALARM DEVICES AND WIRING. TIE UP ALL WIRING FROM CEILING AND LEAVE IN PLACE. THE EXISTING FIRE ALARM SYSTEM SHALL REMAIN 4. REFER TO MECHANICAL PLANS FOR REUSE OR RELOCATION OF ANY ABOVE CEILING DUCTWORK, DIFFUSERS, GRILLES, SPRINKLER PIPES OR OTHER EQUIPMENT, AS REQUIRED FOR PROPER

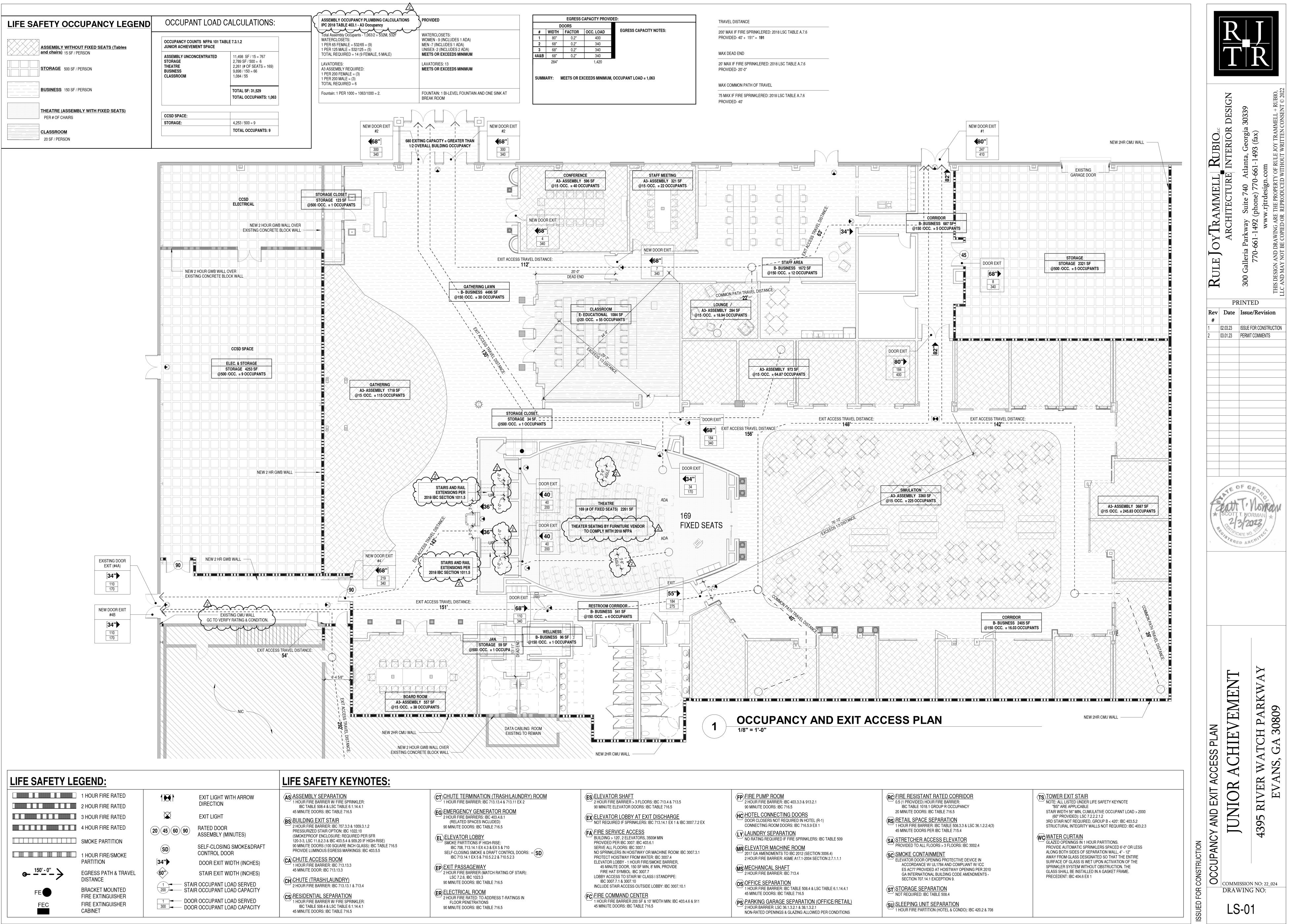
DEMO PLAN KEYNOTES:

- 1 NEW OPENING FOR SCHEDULED DOOR(S)
- 2 NEW OPENING FOR SCHEDULED CURTAIN / WINDOW WALL
- 3 DEMO EXISTING DOOR
- 4 INFILL DOOR OPENING, PREP FOR NEW FINISH
- 5 DEMO EXISTING RESTROOMS, REMOVE & CAP ALL PLUMBING FIXTURES, WALL & FLOOR TILE, LIGHTING. PREP FLOORING FOR NEW FINISHES
- (6) DATA CLOSET TO REMAIN IN PLACE
- (7) EXISTING GARAGE DOOR TO REMAIN
- [8] EXISTING CONCRETE / OIL SPILLS TO BE CLEANED AND TREATED/SEALED AS REQUIRED TO PREVENT FLOORING DELAMINATION (9) RELOCATE WATERLINE AT CEILING
- (10) OVERHEAD GAS HEATERS TO BE REMOVED, COORDINATE WITH OWNER ON STORAGE
- (11) EXISTING DATA RACEWAY TO REMAIN, COORDINATE WITH IT FOR ALL NEW INFRASTRUCTURE FIRE SEAL ALL WALL PENETRATIONS.
- (12) REMOVE EXISTING WALL SCONCE AND ENTRY CANOPY
- [13] DEMO EXISTING PARKING SPACES & CONCRETE. MAKE READY FOR NEW ENTRY SLAB, CURBS AND FOOTINGS AS REQUIRED. SEE STRUCTURAL

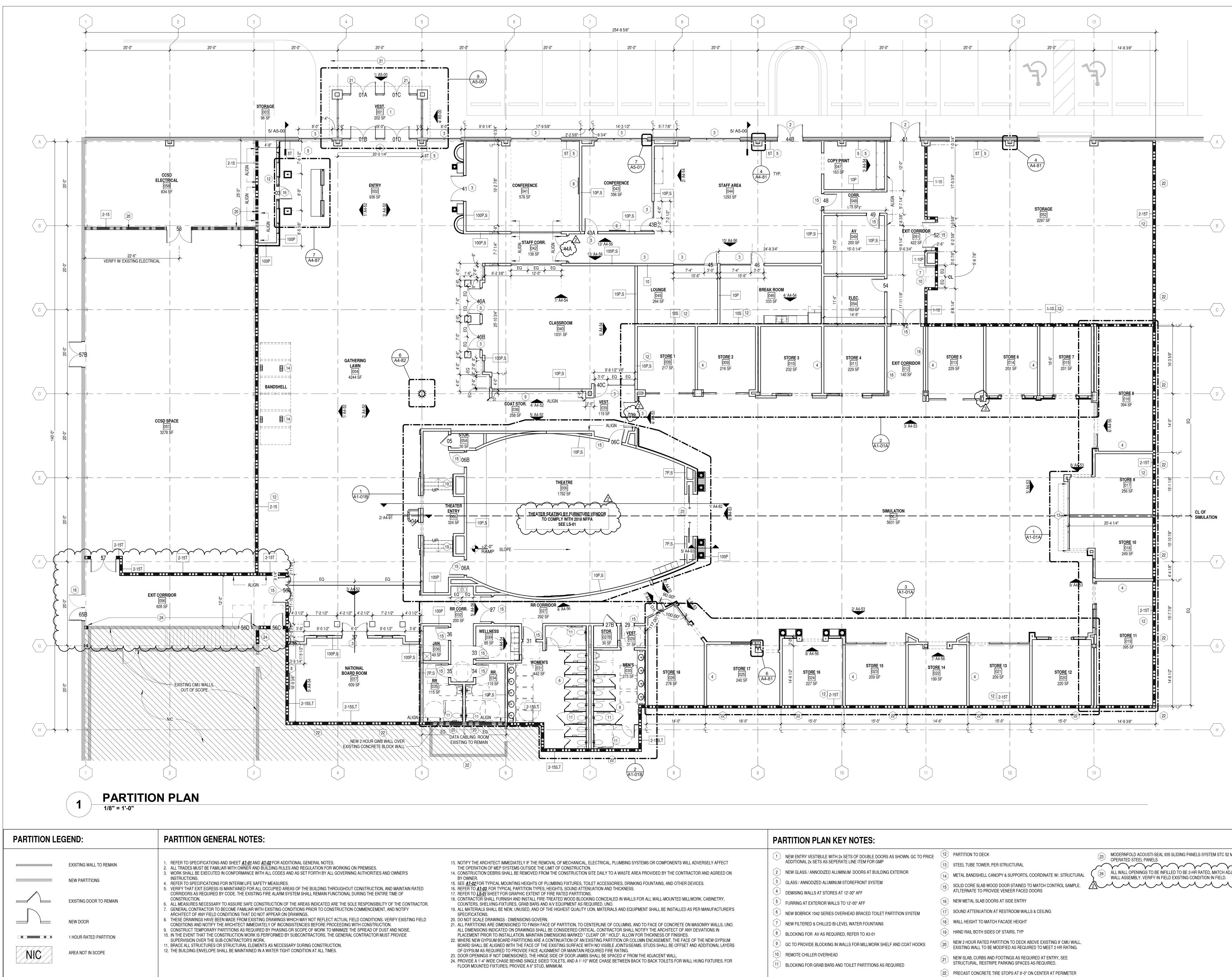






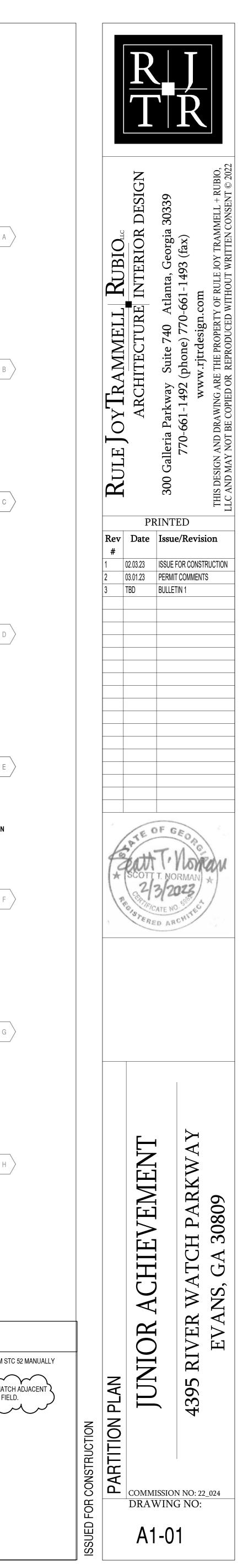


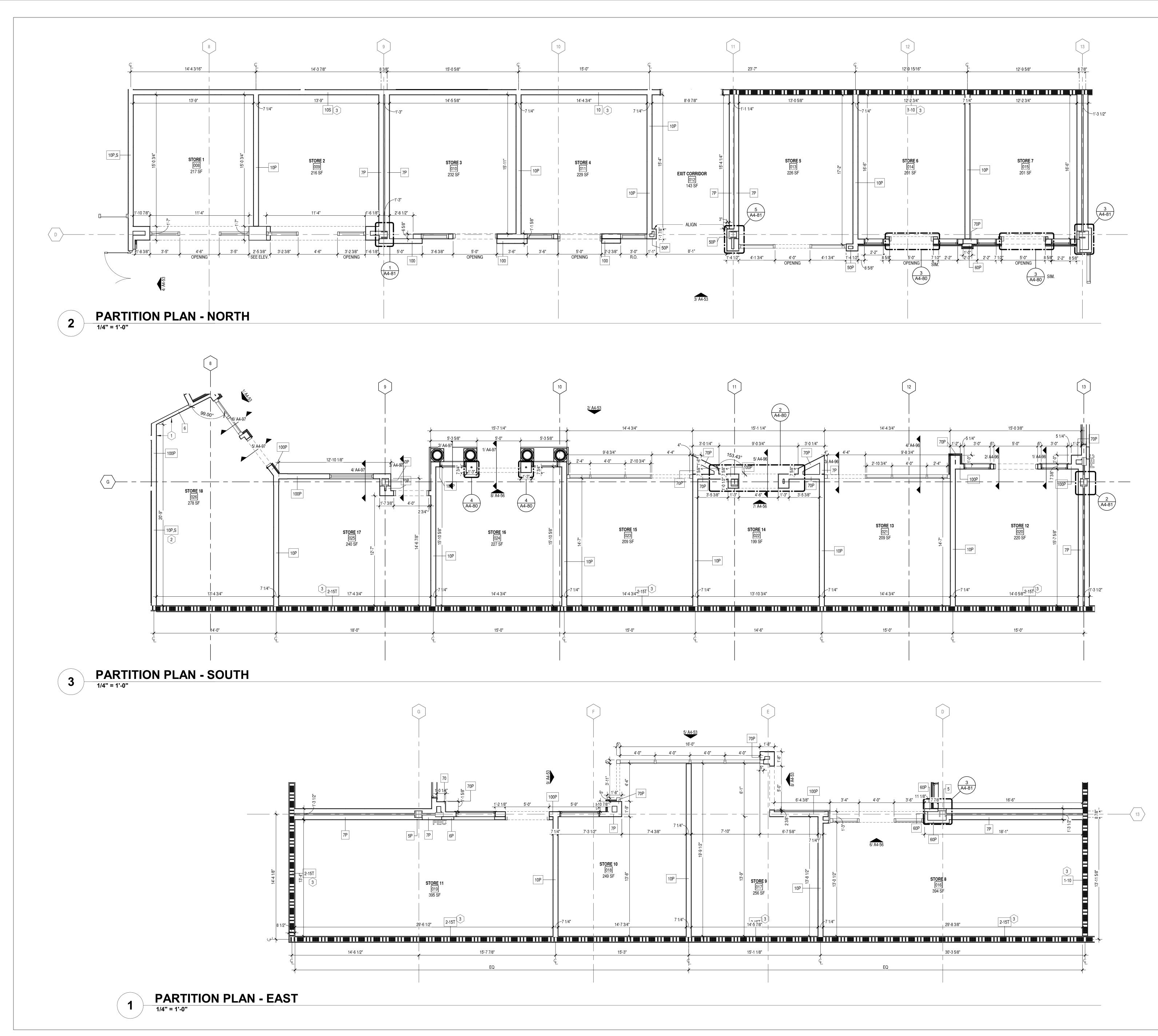
	(CT)CHUTE TERMINATION (TRASH/LAUNDRY) ROOM	ELEVATOR SHAFT	(FP)FIRE PUMP ROOM	BC >FIRE RESISTANT RATED CORRIDOR	TS TOWER EXIT STAIR
	1 HOUR FIRE BARRIER: IBC 713.13.4 & 713.11 EX 2	2 HOUR FIRE BARRIER > 3 FLOORS: IBC 713.4 & 713.5	2 HOUR FIRE BARRIER: IBC 403.3.3 & 913.2.1	0.5 (1 PROVIDED) HOUR FIRE BARRIER:	NOTE: ALL LISTED UNDER LIFE SAFETY KEYNOTE
		90 MINUTE ELEVATOR DOORS: IBC TABLE 716.5	90 MINUTE DOORS: IBC 716.5	IBC TABLE 1018.1 GROUP R OCCUPANCY	"BS" ARE APPLICABLE
	(EG)EMERGENCY GENERATOR ROOM		(HC)HOTEL CONNECTING DOORS	20 MINUTE DOORS: IBC TABLE 716.5	STAIR WIDTH 56" MIN, CUMULATIVE OCCUPANT LOAD > 2000
	2 HOUR FIRE BARRIERS: IBC 403.4.8.1	EX ELEVATOR LOBBY AT EXIT DISCHARGE	DOOR CLOSERS NOT REQUIRED IN HOTEL (R-1)	RETAIL SPACE SEPARATION	(60" PROVIDED): LSC 7.2.2.2.1.2 3RD STAIR NOT REQUIRED, GROUP B < 420': IBC 403.5.2
.1.2	(RELATED SPACES INCLUDED) 90 MINUTE DOORS: IBC TABLE 716.5	NOT REQUIRED IF SPRINKLERS: IBC 713.14.1 EX 1 & IBC 3007.7.2 EX	CONNECTING ROOM DOORS: IBC 716.5.9 EX 1	1 HOUR FIRE BARRIER: IBC TABLE 508.3.3 & LSC 36.1.2.2.4(3)	STRUCTURAL INTEGRITY WALLS NOT REQUIRED: IBC 403.2.3
		FA FIRE SERVICE ACCESS	(LY)LAUNDRY SEPARATION	45 MINUTE DOORS PER IBC TABLE 715.4	
	ELEVATOR LOBBY	BUILDING > 120', 2 ELEVATORS, 3500# MIN	NO RATING REQUIRED IF FIRE SPRINKLERS: IBC TABLE 509	STRETCHER ACCESS ELEVATOR	WATER CURTAIN
F HIGH-RISE) SS): IBC TABLE 716.5	SMOKE PARTITIONS IF HIGH-RISE:	PROVIDED PER IBC 3007: IBC 403.6.1		PROVIDED TO ALL FLOORS > 3 FLOORS: IBC 3002.4	
BC 403.5.5		SERVE ALL FLOORS: IBC 3007.1 NO SPRINKLERS IN HOISTWAY OR MACHINE ROOM: IBC 3007.3.1	MR ELEVATOR MACHINE ROOM		PROVIDE AUTOMATIC SPRINKLERS SPACED 6'-0" OR LESS ALONG BOTH SIDES OF SEPARATION WALL, 4" - 12"
	SELF-CLOSING SMOKE & DRAFT CONTROL DOORS: = (SD) IBC 713.14.1 EX 5 & 710.5.2.2 & 710.5.2.3	PROTECT HOISTWAY FROM WATER: IBC 3007.4	2017 GA AMENDMENTS TO IBC 2012 (SECTION 3006.4) 2 HOUR FIRE BARRIER: ASME A17.1-2004 SECTION 2.7.1.1.1		AWAY FROM GLASS DESIGNATED SO THAT THE ENTIRE
		ELEVATOR LOBBY - 1 HOUR FIRE/SMOKE BARRIER,		ELEVATOR DOOR OPENING PROTECTIVE DEVICE IN ACCORDANCE W/ UL1784 AND COMPLIANT W/ ICC	SURFACE OF GLASS IS WET UPON ACTIVATION OF THE
	EP EXIT PASSAGEWAY	45 MINUTE DOOR, 150 SF MIN, 8' MIN, PROVIDE	MECHANICAL SHAFT	ES AC77 PROVIDED AT HOISTWAY OPENING PER 2010	SPRINKLER SYSTEM WITHOUT OBSTRUCTION. THE
	2 HOUR FIRE BARRIER (MATCH RATING OF STAIR): LSC 7.2.6. IBC 1023.3	FIRE HAT SYMBOL: IBC 3007.7 LOBBY ACCESS TO STAIR W/ CLASS I STANDPIPE:	2 HOUR FIRE BARRIER: IBC 713.4	GA INTERNATIONAL BUILDING CODE AMENDMENTS -	GLASS SHALL BE INSTALLED IN A GASKET FRAME. PRECEDENT: IBC 404.6 EX 1
	90 MINUTE DOORS: IBC TABLE 716.5	IBC 3007.7.1 & 3007.10	OFFICE SEPARATION	SECTION 707.14.1 EXCEPTION 9.	
		INCLUDE STAIR ACCESS OUTSIDE LOBBY: IBC 3007.10.1	1 HOUR FIRE BARRIER: IBC TABLE 508.4 & LSC TABLE 6.1.14.4.1	(ST)STORAGE SEPARATION	
	ELECTRICAL ROOM	FIRE COMMAND CENTER	45 MINUTE DOORS: IBC TABLE 716.5	NOT REQUIRED: IBC TABLE 508.4	
:	2 HOUR FIRE RATED: TO ADDRESS T-RATINGS IN FLOOR PENETRATIONS	1 HOUR FIRE BARRIER 200 SF & 10' WIDTH MIN: IBC 403.4.6 & 911	(PS)PARKING GARAGE SEPARATION (OFFICE/RETAIL)		
1	90 MINUTE DOORS: IBC TABLE 716.5	45 MINUTE DOORS: IBC TABLE 716.5	2 HOUR BARRIER: LSC 36.1.3.2.1 & 38.1.3.2.1	SU SLEEPING UNIT SEPARATION	
			NON-RATED OPENINGS & GLAZING ALLOWED PER CONDITIONS	1 HOUR FIRE PARTITION (HOTEL & CONDO): IBC 420.2 & 708	



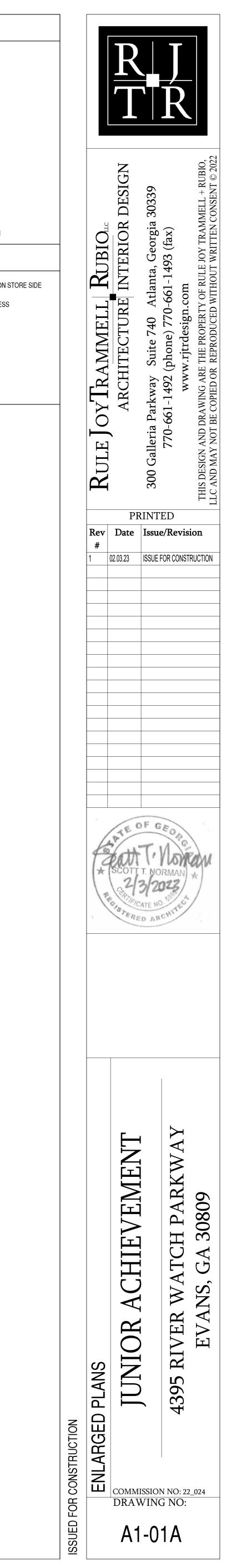
13. NOTIFY THE ARCHITECT IMMEDIATELY IF THE REMOVAL OF MECHANICAL, ELECTRICAL, PLUMBING SYSTEMS OR COMPONENTS WILL ADVERSELY AFFECT ADDIT NER'S 14. CONSTRUCTION DEBRIS SHALL BE REMOVED FROM THE CONSTRUCTION. 2 NEW GO 15. SEE AT-02; FOR TYPICAL MOUNTING HEIGHTS OF PLUMBING FIXTURES, TOILET ACCESSORIES, DRINKING FOUNTAINS, AND OTHER DEVICES. 3 GLASS AINTAIN RATED 16. REFER TO <u>15-01;</u> SHEET FOR GRAPHIC EXTENT OF FIRE RATED PARTITIONS. 6 NEW GO OF 17. REFER TO <u>15-01;</u> SHEET FOR GRAPHIC EXTENT OF FIRE RATED PARTITIONS. 0.00 NOT SCALL FURNISH AND INSTALL FIRE-THEATED WOOD BLOCKING CONCEALED IN WALLS FOR ALL WALL-MOUNTED MILLWORK, CABINETRY, COUNTERS, SHELVING-FIXTURES, GRAB BARS AND AV EQUIPMENT AS REQUIRED, UNO. 5 FURRI IVEXISTING FIELD 20. DO NOT SCALL DRAWINGS - DIMENSIONS GOVERN. 6 NEW E IVEXISTING FIELD 20. DO NOT SCALL DRAWINGS - DIMENSIONS GOVERN. 7 NEW F IVEXISTING FIELD 20. DO NOT SCALLE DRAWINGS - DIMENSIONS GOVERN. 7 NEW F IVEXISTING FIELD 20. DO NOT SCALL DRAWINGS - DIMENSIONS MARKED CONSIDERED CRITICAL. CONTRACTOR SHALL BE INSTALLED AS PER MANUFACTURER'S 6 NEW F IVEXISTING FIELD 20. DO NOT SCALLE DRAWINGS - DIMENSIONS MARKED CONSIDERED CRITICAL. CONTRACTOR SHALL BE INSTALLED AS PER MANUFACTURER'S 6 NEW F IVEXISTING FIELD			PARTITION
23. DOOR OPENINGS IF NOT DIMENSIONED, THE HINGE SIDE OF DOOR JAMBS SHALL BE SPACED 4" FROM THE ADJACENT WALL. 24. PROVIDE A 1'-4" WIDE CHASE BEHIND SINGLE SIDED TOILETS, AND A 1'-10" WIDE CHASE BETWEEN BACK TO BACK TOILETS FOR WALL HUNG FIXTURES. FOR	AINTAIN RATED OF HE CONTRACTOR. NOTIFY EXISTING FIELD NOISE.	 THE OPERATION OF MEP SYSTEMS OUTSIDE THE LIMIT OF CONSTRUCTION. 14. CONSTRUCTION DEBRIS SHALL BE REMOVED FROM THE CONSTRUCTION SITE DAILY TO A WASTE AREA PROVIDED BY THE CONTRACTOR AND AGREED ON BY OWNER. 15. SEE <u>A1-02</u> FOR TYPICAL MOUNTING HEIGHTS OF PLUMBING FIXTURES, TOILET ACCESSORIES, DRINKING FOUNTAINS, AND OTHER DEVICES. 16. REFER TO <u>A1-03</u> FOR TYPICAL PARTITION TYPES, HEIGHTS, SOUND ATTENUATION AND THICKNESS. 17. REFER TO <u>L5-01</u> SHEET FOR GRAPHIC EXTENT OF FIRE RATED PARTITIONS. 18. CONTRACTOR SHALL FURNISH AND INSTALL FIRE-TREATED WOOD BLOCKING CONCEALED IN WALLS FOR ALL WALL-MOUNTED MILLWORK, CABINETRY, COUNTERS, SHELVING-FIXTURES, GRAB BARS AND AV EQUIPMENT AS REQUIRED, UNO. 19. ALL MATERIALS SHALL BE NEW, UNUSED, AND OF THE HIGHEST QUALITY UON. MATERIALS AND EQUIPMENT SHALL BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS. 20. DO NOT SCALE DRAWINGS - DIMENSIONS GOVERN. 21. ALL PARTITIONS ARE DIMENSIONS GOVERN. 21. ALL PARTITIONS ARE DIMENSIONS GOVERN. 22. WHERE NEW GYPSUM BOARD DRAWINGS SHALL BE CONSIDERED CRITICAL. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DEVIATIONS IN PLACEMENT PRIOR TO INSTALLATION. MAINTAIN DIMENSIONS MARKED " CLEAR" OR "HOLD". ALLOW FOR THICKNESS OF FINISHES. 22. WHERE NEW GYPSUM BOARD PARTITIONS ARE A CONTINUATION OF AN EXISTING PARTITION OR COLUMN ENCASEMENT, THE FACE OF THE NEW GYPSUM BOARD PARTITIONS ARE A CONTINUATION OF AN EXISTING PARTITION OR COLUMN ENCASEMENT, THE FACE OF THE NEW GYPSUM BOARD PARTITIONS ARE A CONTINUATION OF AN EXISTING PARTITION OR COLUMN ENCASEMENT, THE FACE OF THE NEW GYPSUM BOARD PARTITIONS ARE A CONTINUATION OF AN EXISTING PARTITION OR COLUMN ENCASEMENT, THE FACE OF THE NEW GYPSUM BOARD PARTITIONS ARE A CONTINUATION OF AN EXISTING PARTITION OR COLUMN ENCASEMENT, THE FACE OF THE NEW GYPSUM BOARD DARD PARTITIONS ARE A CONTINUATION OF AN EXISTING PARTITION OR COLUMN ENCASEMENT, THE FACE OF THE NEW GYPSUM BOARD DARD PARTITIONS ARE A CONT	ADDITIONAL 2x 3 2 NEW GLASS / AN 3 GLASS / ANNOD 4 DEMISING WALL 5 FURRING AT EX 6 NEW BOBRICK 1 7 NEW FILTERED 8 BLOCKING FOR 9 GC TO PROVIDE 10 REMOTE CHILLE

RY VESTIBULE WITH 2X SETS OF DOUBLE DOORS AS SHOWN. GC TO PRICE	12	PARTITION TO DECK	23	MODERNFOLD ACOUSTI-SEAL 935 SLIDING PANELS SYSTEM STO
AL 2X SETS AS SEPERATE LINE ITEM FOR GMP	13	STEEL TUBE TOWER, PER STRUCTURAL	\sim	OPERATED STEEL PANELS
SS / ANNODIZED ALUMINUM DOORS AT BUILDING EXTERIOR	14	METAL BANDSHELL CANOPY & SUPPORTS, COORDINATE W/. STRUCTURAL	$\left(\begin{array}{c} 24 \end{array} \right)$	ALL WALL OPENINGS TO BE INFILLED TO BE 2-HR RATED, MATCH WALL ASSEMBLY, VERIFY IN FIELD EXISTING CONDITION IN FIEL
NNODIZED ALUMINUM STOREFRONT SYSTEM	15	SOLID CORE SLAB WOOD DOOR STAINED TO MATCH CONTROL SAMPLE.		
WALLS AT STORES AT 12'-00" AFF		ATLTERNATE TO PROVIDE VENEER FACED DOORS		
AT EXTERIOR WALLS TO 12'-00" AFF	16	NEW METAL SLAB DOORS AT SIDE ENTRY		
RICK 1042 SERIES OVERHEAD BRACED TOILET PARTITION SYSTEM	17	SOUND ATTENUATION AT RESTROOM WALLS & CEILING		
ERED & CHILLED BI-LEVEL WATER FOUNTAINS	18	WALL HEIGHT TO MATCH FACADE HEIGHT		
G FOR AV AS REQUIRED, REFER TO A3-01	19	HAND RAIL BOTH SIDES OF STAIRS, TYP		
OVIDE BLOCKING IN WALLS FOR MILLWORK SHELF AND COAT HOOKS	20	NEW 2 HOUR RATED PARTITION TO DECK ABOVE EXISTING 8' CMU WALL, EXISTING WALL TO BE MODIFIED AS REQUIRED TO MEET 2 HR RATING.		
CHILLER OVERHEAD	21	NEW SLAB, CURBS AND FOOTINGS AS REQUIRED AT ENTRY, SEE		
G FOR GRAB BARS AND TOILET PARTITIONS AS REQUIRED		STRUCTURAL. RESTRIPE PARKING SPACES AS REQUIRED.		

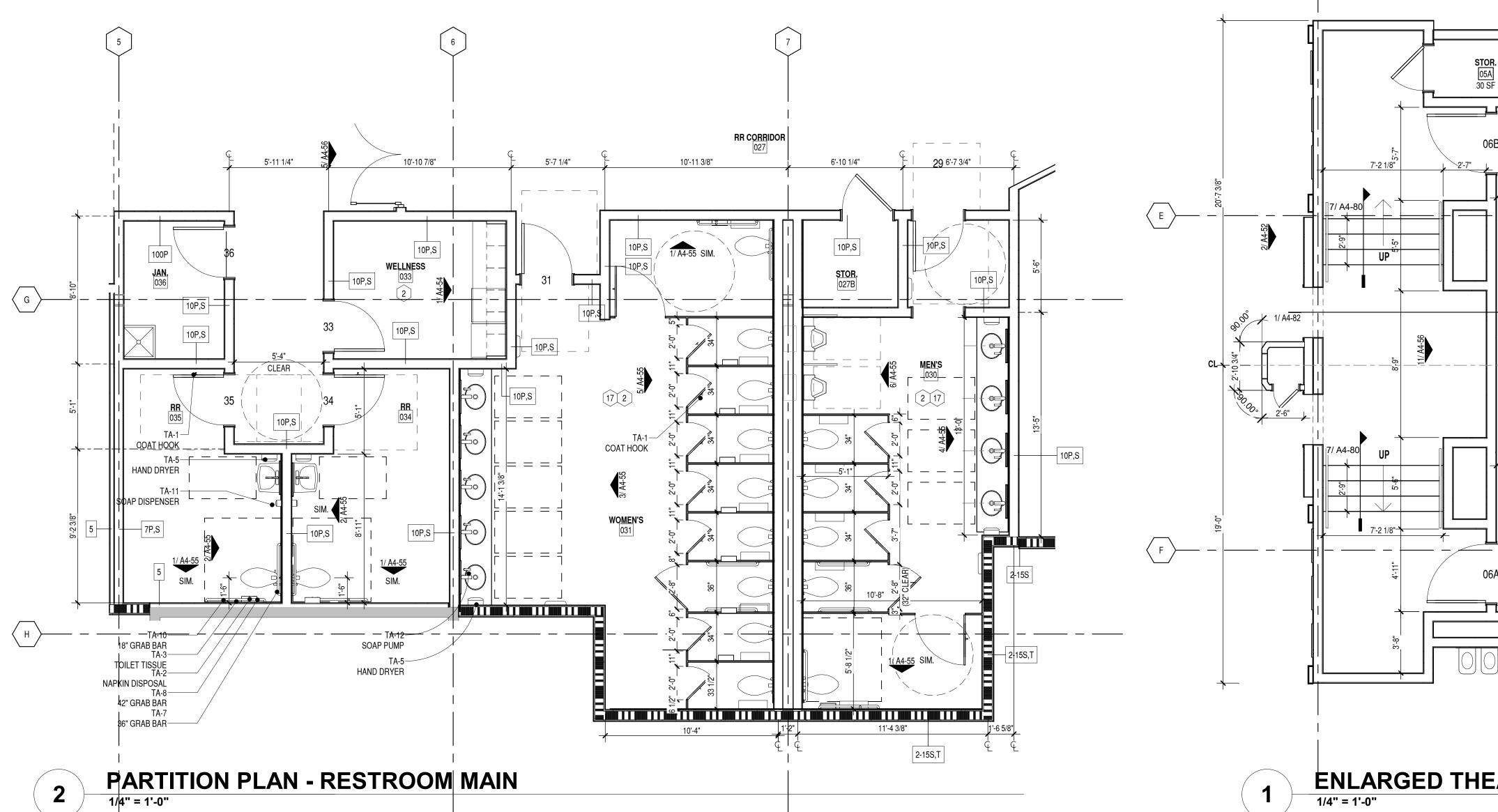




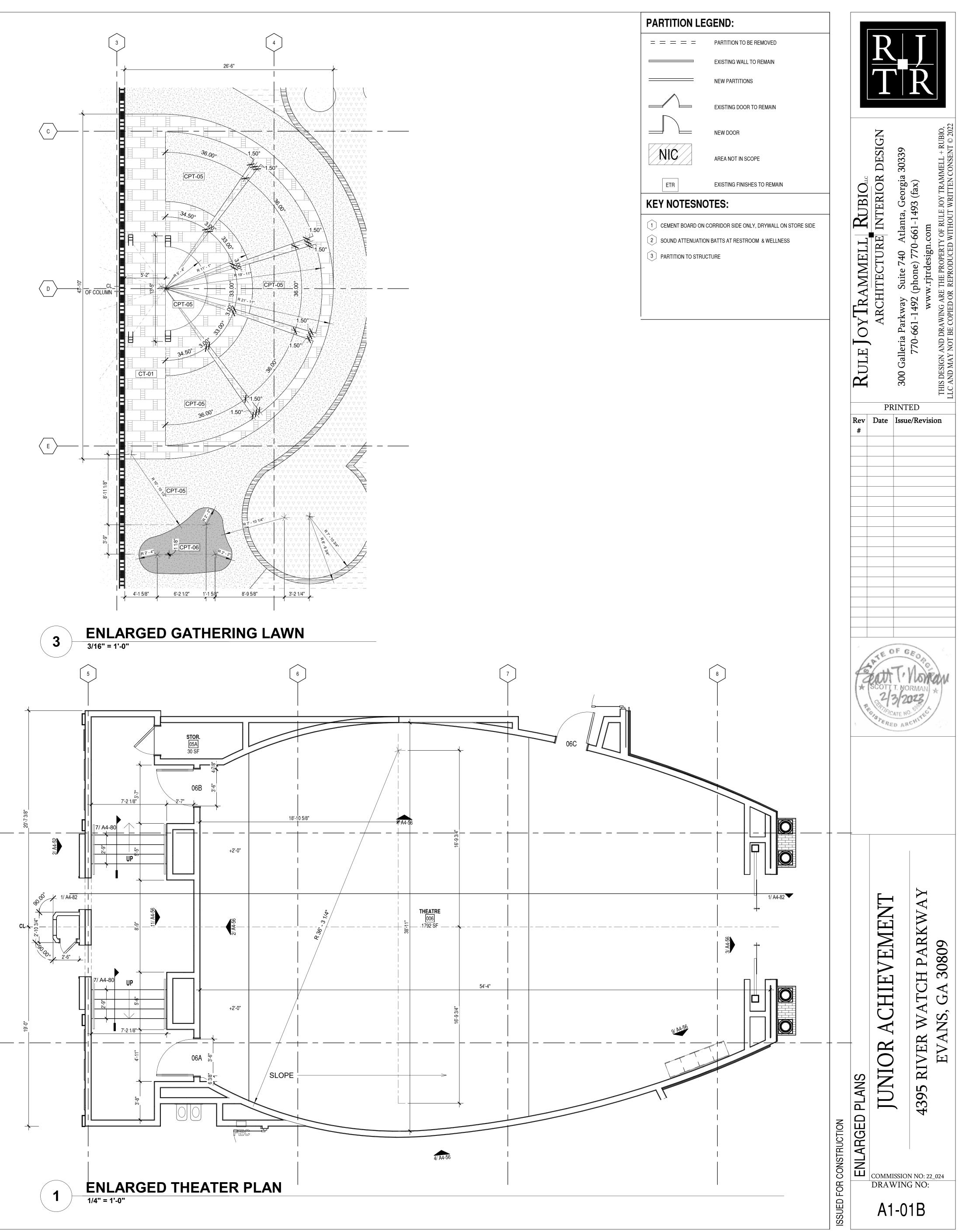
PARTITION LEGEND:				
= = = = =	PARTITION TO BE REMOVED			
	EXISTING WALL TO REMAIN			
	NEW PARTITIONS			
	EXISTING DOOR TO REMAIN			
	NEW DOOR			
NIC	AREA NOT IN SCOPE			
ETR	EXISTING FINISHES TO REMAIN			
KEY NOTESN	OTES:			
(1) CEMENT BOARD ON	I CORRIDOR SIDE ONLY, DRYWALL ON			
2 SOUND ATTENUATION	ON BATTS AT RESTROOM & WELLNES			
3 PARTITION TO STRU	JCTURE			

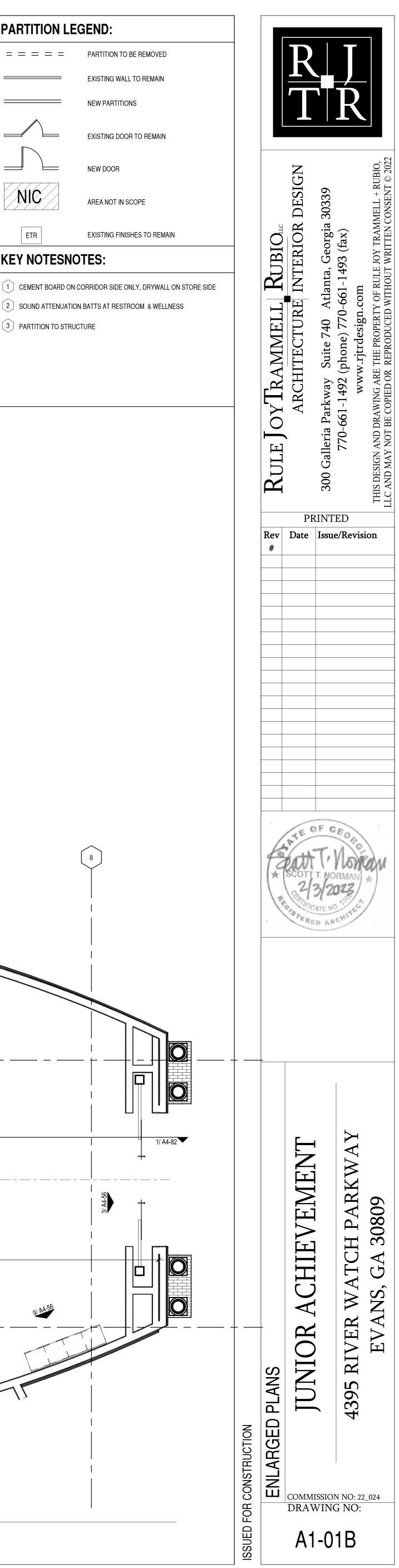


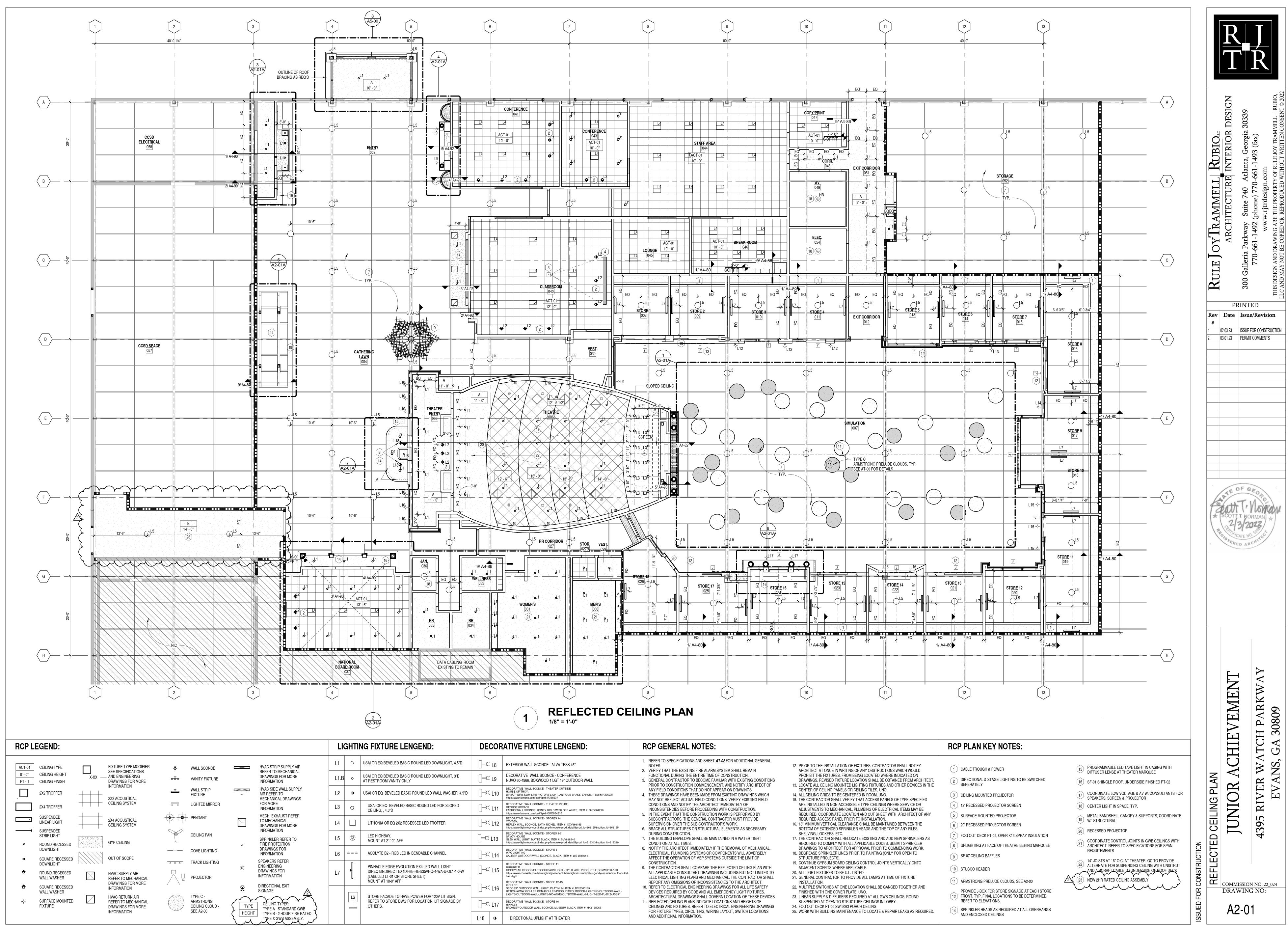
TAG:	MANUFACTURER:	PRODUCT TYPE:	PRODUCT NO.:	FINISH:	LOCATION:	
TA-1	BOBRICK	COAT HOOK	B-212	ALUMINUM	ALL RESTROOMS	INSTALL UNIT W
TA-2	BOBRICK	SANITARY NAPKIN DISPOSAL	B-270	SS		
TA-3	SAN JAMAR	SINGLE ROLL TP DISPENSER	TBD	BLACK PEARL		
TA-4	GEORGIA PACIFIC	DOUBLE ROLL TP DISPENSER	59209	TRANSLUCENT SMOKE		
TA-5	WORLD DRYER	HAND DRYER	VERDE DRI	SS		
TA-6	CASCADES TISSUE	PAPER TOWEL DISPENSER	C225	WHITE		
TA-7	ASI	GRAB BAR		SSS		36" LENGTH
TA-8	ASI	GRAB BAR		SSS		42" LENGTH
TA-9	BOBRICK	RECESSED TRASH	B-43644	SSS		
TA-10	ASI	GRAB BAR		SSS		18" LENGTH
TA-11	DEB STOKO	WALL MOUNTED SOAP DISPENSER	TBD (1 LITER)	WHITE		INSTA
TA-12		SOAP PUMP AT COUNTER				



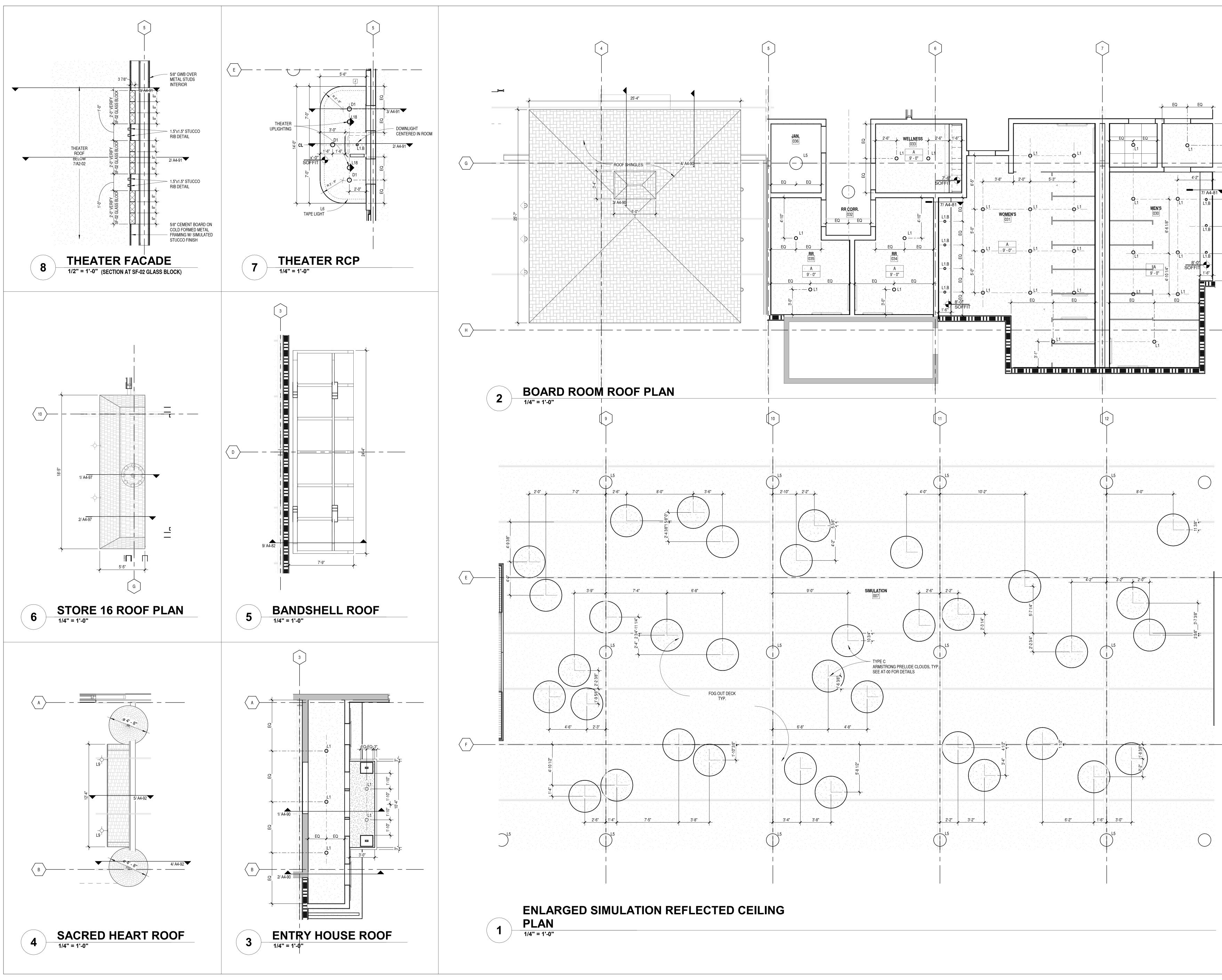


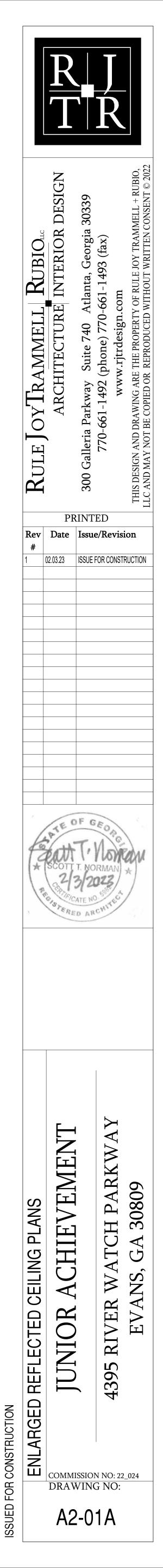






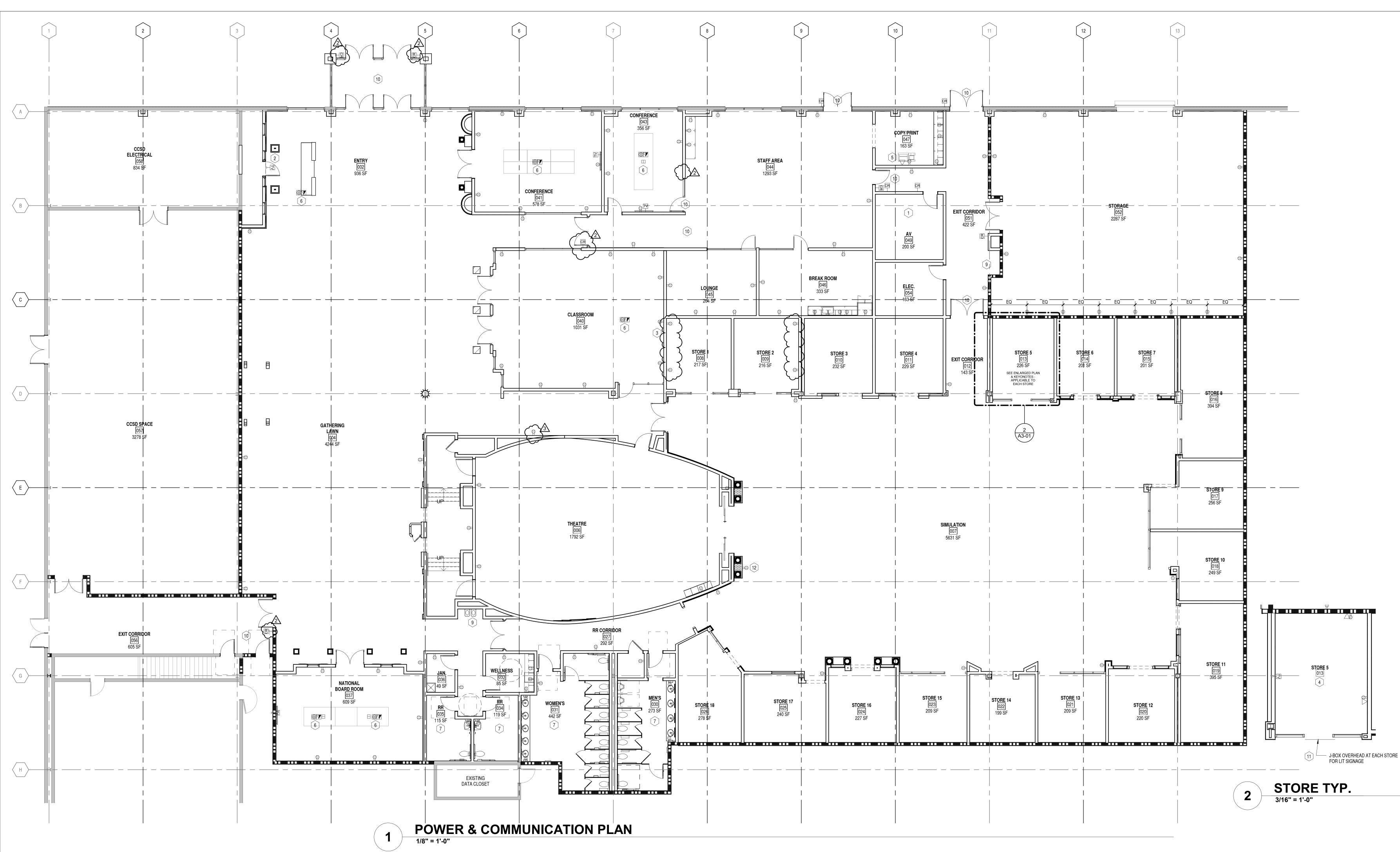
IG FIXTURE LENGEND:	DECORATIVE FIXTURE LENGEND:	RCP GENERAL NOTES:		RCP PLAN KEY NOTES:	
USAI OR EQ BEVELED BASIC ROUND LED DOWNLIGHT, 4.5"D	EXTERIOR WALL SCONCE - ALVA TESS 45"	1. REFER TO SPECIFICATIONS AND SHEET <u>AT-02</u> FOR ADDITIONAL GENERAL NOTES.	12. PRIOR TO THE INSTALLATION OF FIXTURES, CONTRACTOR SHALL NOTIFY	(1) CABLE TROUGH & POWER	PROGRAMMABLE LED TAPE LIGHT IN CASING W
USAI OR EQ BEVELED BASIC ROUND LED DOWNLIGHT, 3"D AT RESTROOM VANITY ONLY	DECORATIVE WALL SCONCE - CONFERENCE NUVO 60-4966, BOXWOOD 1 LGT 19" OUTDOOR WALL	 VERIFY THAT THE EXISTING FIRE ALARM SYSTEM SHALL REMAIN FUNCTIONAL DURING THE ENTIRE TIME OF CONSTRUCTION. GENERAL CONTRACTOR TO BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO CONSTRUCTION COMMENCEMENT, AND NOTIFY ARCHITECT OF 	ARCHITECT AT ONCE IN WRITING OF ANY OBSTRUCTIONS WHICH WOULD PROHIBIT THE FIXTURES. FROM BEING LOCATED WHERE INDICATED ON DRAWINGS. REVISED FIXTURE LOCATION SHALL BE OBTAINED FROM ARCHITECT. 13. LOCATE ALL CEILING MOUNTED LIGHTING FIXTURES AND OTHER DEVICES IN THE	DIRECTIONAL & STAGE LIGHTING TO BE SWITCHED SEPERATELY	DIFFUSER LENSE AT THEATER MARQUEE
USAI OR EQ BEVELED BASIC ROUND LED WALL WASHER, 4.5"D	DECORATIVE WALL SCONCE - THEATER OUTSIDE HOUSE OF TROY, DIRECT WIRE SLIM-LINE PICTURE LIGHT, ANTIQUE BRASS, LARGE, ITEM #: R336937 https://www.lumens.com/cart/?pid=R336937	 ANY FIELD CONDITIONS THAT DO NOT APPEAR ON DRAWINGS. 4. THESE DRAWINGS HAVE BEEN MADE FROM EXISTING DRAWINGS WHICH MAY NOT REFLECT ACTUAL FIELD CONDITIONS. VERIFY EXISTING FIELD 	 13. LOCATE ALL CEILING MOUNTED LIGHTING FIXTORES AND OTHER DEVICES IN THE CENTER OF CEILING PANELS OR CEILING TILES, UNO. 14. ALL CEILING GRIDS TO BE CENTERED IN ROOM, UNO. 15. THE CONTRACTOR SHALL VERIFY THAT ACCESS PANELS OF TYPE SPECIFIED 	3 CEILING MOUNTED PROJECTOR	COORDINATE LOW VOLTAGE & AV W. CONSULT SPEAKERS, SCREEN & PROJECTOR
USAI OR EQ BEVELED BASIC ROUND LED FOR SLOPED CEILING, , 4.5"D	DECORATIVE WALL SCONCE - THEATER INSIDE GEORGE KOVACS FABRIC WALL SCONCE, HONEY GOLD WITH OFF WHITE, ITEM #: GKO664210 https://www.lumens.com/cart/?pid=GKO664210	CONDITIONS AND NOTIFY THE ARCHITECT IMMEDIATELY OF INCONSISTENCIES BEFORE PROCEEDING WITH CONSTRUCTION. 5. IN THE EVENT THAT THE CONSTRUCTION WORK IS PERFORMED BY	ARE INSTALLED IN NON-ACCESSIBLE TYPE CEILINGS WHERE SERVICE OR ADJUSTMENTS TO MECHANICAL, PLUMBING OR ELECTRICAL ITEMS MAY BE REQUIRED. COORDINATE LOCATION AND CUT SHEET WITH ARCHITECT OF ANY	4 12' RECESSED PROJECTOR SCREEN	(18) CENTER LIGHT IN SPACE, TYP.
LITHONIA OR EQ 2X2 RECESSED LED TROFFER	L12 DECORATIVE WALL SCONCE - STORES 3-4 OXYGEN, REFLEX WALL SCONCE, SATIN NICKEL, ITEM #: OXY666155 https://www.lightology.com/index.php?module=prod_detail∏_id=666155&option_id=666155	 IN THE EVENT THAT THE CONSTRUCTION WORK IS PERFORMED BY SUBCONTRACTORS, THE GENERAL CONTRACTOR MUST PROVIDE SUPERVISION OVER THE SUB-CONTRACTOR'S WORK. BRACE ALL STRUCTURES OR STRUCTURAL ELEMENTS AS NECESSARY 	REQUIRED ACCESS PANEL PRIOR TO INSTALLATION. 16. 18" MINIMUM VERTICAL CLEARANCE SHALL BE MAINTAINED BETWEEN THE BOTTOM OF EXTENDED SPRINKLER HEADS AND THE TOP OF ANY FILES,	5 SURFACE MOUNTED PROJECTOR 6 20' RECESSED PROJECTOR SCREEN	(19) METAL BANDSHELL CANOPY & SUPPORTS, COC W/. STRUCTURAL
LED HIGHBAY, MOUNT AT 21'-0" AFF	DECORATIVE WALL SCONCE - STORES 3-7 SAVOY HOUSE GLEN WALL LIGHT, MATTE BLACK, ITEM #: SVY818340 https://www.lightology.com/index.php?module=prod_detail∏_id=818343&option_id=818340	 DURING CONSTRUCTION. THE BUILDING ENVELOPE SHALL BE MAINTAINED IN A WATER TIGHT CONDITION AT ALL TIMES. 	SHELVING, LOCKERS, ETC. 17. THE CONTRACTOR SHALL RELOCATE EXISTING AND ADD NEW SPRINKLERS AS REQUIRED TO COMPLY WITH ALL APPLICABLE CODES. SUBMIT SPRINKLER	7 FOG OUT DECK PT-05, OVER K13 SPRAY INSULATION	20 RECESSED PROJECTOR
ACOLYTE B2 - RGB LED IN BENDABLE CHANNEL	DECORATIVE WALL SCONCE - STORE 8 WAC LIGHTING CALIBER OUTDOOR WALL SCONCE, BLACK, ITEM #: WS-W36614	8. NOTIFY THE ARCHITECT IMMEDIATELY IF THE REMOVAL OF MECHANICAL, ELECTRICAL, PLUMBING SYSTEMS OR COMPONENTS WILL ADVERSELY AFFECT THE OPERATION OF MEP SYSTEMS OUTSIDE THE LIMIT OF	DRAWINGS TO ARCHITECT FOR APPROVAL PRIOR TO COMMENCING WORK. 18. DEGREASE SPRINKLER LINES PRIOR TO PAINTING (ONLY FOR OPEN TO STRUCTURE PROJECTS).	8 UPLIGHTING AT FACE OF THEATRE BEHIND MARQUEE 9 SF-07 CEILING BAFFLES	ARCHITECT. REFER TO SPECIFICATIONS FOR S REQUITEMENTS
PINNACLE EDGE EVOLUTION EX4 LED WALL LIGHT DIRECT/INDIRECT EX4DI-HE-HE-835VHO-4-WA-U-OL1-1-0-W (LABELED LT-01 ON STORE SHEET)	L15 DECORATIVE WALL SCONCE - STORE 11 COCOWEB GOODYEAR INDOOR/OUTDOOR BARN LIGHT - 22", BLACK, PRODUCT #: BGYW22BK-15B https://www.cocoweb.com/barn-lights/gooseneck-barn-lights/customizable-goodyear-indoor-outdoor-led- barn-light	CONSTRUCTION. 9. THE CONTRACTOR SHALL COMPARE THE REFLECTED CEILING PLAN WITH ALL APPLICABLE CONSULTANT DRAWINGS INCLUDING BUT NOT LIMITED TO ELECTRICAL LIGHTING PLANS AND MECHANICAL. THE CONTRACTOR SHALL	 CONTINUE GYPSUM BOARD CEILING CONTROL JOINTS VERTICALLY ONTO ADJACENT SOFFITS WHERE APPLICABLE. ALL LIGHT FIXTURES TO BE U.L. LISTED. GENERAL CONTRACTOR TO PROVIDE ALL LAMPS AT TIME OF FIXTURE 	10 STUCCO HEADER	14" JOISTS AT 16" O.C. AT THEATER. GC TO PRO ALTERNATE FOR SUSPENDING CEILING WITH U AND AIBCRAFT CABLE TO UNDEBSIDE OF BOOI
MOUNT AT 10-0" AFF	L16 DECORATIVE WALL SCONCE - STORE 12-15 KICHLER SED0 24" OUTDOOR WALL LIGHT, PLATINUM, ITEM #: BCI2305185 HTTPS://WWW.KICHLER.COM/KICHLER/PRODUCTS/OUTDOOR-LIGHTING/OUTDOOR-WALL-LIGHTS-NO-ARMS/OUTDOOR-WALL-1-LIGHT-LED-PL-D124A5B9/	REPORT ANY OMISSIONS OR INCONSISTENCIES TO THE ARCHITECT. 10. REFER TO ELECTRICAL ENGINEERING DRAWINGS FOR ALL LIFE SAFETY DEVICES REQUIRED BY CODE AND ALL EMERGENCY LIGHT FIXTURES.	INSTALLATION. 22. MULTIPLE SWITCHES AT ONE LOCATION SHALL BE GANGED TOGETHER AND FINISHED WITH ONE COVER PLATE, UNO.	 ARMSTRONG PRELUDE CLOUDS, SEE A2-00 PROVIDE J-BOX FOR STORE SIGNAGE AT EACH STORE FRONT, TYP. FINAL LOCATIONS TO BE DETERMINED. 	2 [23] NEW 2HR RATED CEILING ASSEMBLY
STORE FACADE TO HAVE POWER FOR 120V LIT SIGN. REFER TO STORE DWG FOR LOCATION. LIT SIGNAGE BY OTHERS.	DECORATIVE WALL SCONCE - STORE 16 HINKLEY BROMLEY OUTDOOR WALL SCONCE, MUSEUM BLACK, ITEM #: HKY1850631	ARCHITECTURAL DRAWINGS SHALL GOVERN LOCATION OF THESE DEVICES. 11. REFLECTED CEILING PLANS INDICATE LOCATIONS AND HEIGHTS OF CEILINGS AND FIXTURES. REFER TO ELECTRICAL ENGINEERING DRAWINGS FOR FIXTURE TYPES, CIRCUITING, WIRING LAYOUT, SWITCH LOCATIONS	 LINEAR SUPPLY & DIFFUSERS REQUIRED AT ALL GWB CEILINGS, ROUND SUSPENDED AT OPEN TO STRUCTURE CEILINGS IN LOBBY. FOG OUT DECK PT-05 SW 9063 PORCH CEILING WORK WITH BUILDING MAINTENANCE TO LOCATE & REPAIR LEAKS AS REQUIRED. 	REFER TO ELEVATIONS.	
	L18	AND ADDITIONAL INFORMATION.		AND ENCLOSED CEILINGS	











P & C LEGEND:

PLAN	ELEVATION	DESCRIPTION	PLAN	ELEVATION	DESCRIPTION
\Rightarrow	00	DUPLEX ELECTRICAL	•	0	CODE BLUE
	● ○ ○	DUPLEX ELECTRICAL (EMERGENCY)			DATA PORT
=	00	DUPLEX ELECTRICAL (GFCI)	—	0	NURSE CALL
	00	DUPLEX ELECTRICAL (USB)		0	NURSE CALL MASTER
-	000	QUAD ELECTRICAL	—P	0	PACS
		QUAD ELECTRICAL (EMERGENCY)		u .	TELEPHONE PORT
	00	QUAD ELECTRICAL (GFCI)			TELEPHONE / DATA PORT
	0	QUAD ELECTRICAL (USB)	—TV		TELEVISION COAX
۲	\bigcirc	FLOOR BOX	DB	0	DOOR BELL / CHIME
J		JUNCTION BOX	DB¢-	ļ.	DOOR BELL / CHIME W/ LIGHT FLASH
- ()	1	SWITCH	F⊲	\bigcirc	FIRE ALARM SPEAKER
\Leftrightarrow	1 1	SWITCH (DOUBLE)	F -		FIRE ALARM STROBE
#		SWITCH (3-WAY)	⊂∏FL	Ð	FIRE ALARM SPEAKER & STROBE
- \\	0	SWITCH (DIMMER)	\rightarrow	\bigcirc	SMOKE DETECTOR
T		THERMOSTAT	PF	0	FURNITURE POWER FEED

P & C GENERAL NOTES:

- I. REFER TO SPECIFICATIONS AND SHEET <u>AT-02</u> FOR ADDITIONAL GENERAL NOTES. CONSTRUCTION.
- INCONSISTENCIES REFORE PROCEEDING WITH CONSTRUCTI
- 6. BRACE ALL STRUCTURES OR STRUCTURAL ELEMENTS AS NECESSARY DURING CONSTRUCTION.
- CONSTRUCTION.
- FIRE STROBES, AND OTHER DEVICES.
- 10. FURNITURE IS SHOWN FOR REFERENCE ONLY. OR FINISHED FLOOR.
- VENDOR AND ELECTRICAL ENGINEER.
- GANGED, THEY SHALL BE INSTALLED WITH MINIMUM DISTANCE BETWEEN.

2. VERIFY THAT THE EXISTING FIRE ALARM SYSTEM SHALL REMAIN FUNCTIONAL DURING THE ENTIRE TIME OF GENERAL CONTRACTOR TO BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO CONSTRUCTION COMMENCEMENT, AND NOTIFY ARCHITECT OF ANY FIELD CONDITIONS THAT DO NOT APPEAR ON DRAWINGS 4. THESE DRAWINGS HAVE BEEN MADE FROM EXISTING DRAWINGS WHICH MAY NOT REFLECT ACTUAL FIELD CONDITIONS. VERIFY EXISTING FIELD CONDITIONS AND NOTIFY THE ARCHITECT IMMEDIATELY OF 5. IN THE EVENT THAT THE CONSTRUCTION WORK IS PERFORMED BY SUBCONTRACTORS, THE GENERAL CONTRACTOR MUST PROVIDE SUPERVISION OVER THE SUB-CONTRACTOR'S WORK.

7. THE BUILDING ENVELOPE SHALL BE MAINTAINED IN A WATER TIGHT CONDITION AT ALL TIMES. 8. NOTIFY THE ARCHITECT IMMEDIATELY IF THE REMOVAL OF MECHANICAL, ELECTRICAL, PLUMBING SYSTEMS OR COMPONENTS WILL ADVERSELY AFFECT THE OPERATION OF MEP SYSTEMS OUTSIDE THE LIMIT OF 9. REFER TO AT-01 FOR TYPICAL MOUNTING HEIGHTS OF ELECTRICAL ITEMS, LIGHT SWITCHES, THERMOSTATS,

11. ALL CRITICAL DIMENSIONS ARE TO BE FROM CENTER LINE OF OUTLETS, SWITCHES, ETC TO FACE OF PARTITION 12. ALL PROJECTORS, MONITORS AND AUDIO/VISUAL SCREEN DEVICES TO BE COORDINATED WITH OWNER, A/V 13. ADJACENT OUTLETS SHALL BE GANGED IN A SINGLE COVER PLATE WHEN POSSIBLE. IF THEY CANNOT BE 14. ALL OUTLETS DIMENSIONED AS TYPICAL ARE TYPICAL FOR ALL SIMILAR ROOMS AND CONDITIONS.

15. REFER TO REFLECTED CEILING PLAN FOR PLACEMENT OF CEILING MOUNTED EQUIPMENT REQUIRING POWER OR COMMUNICATION. 16. LOCATION OF FLOOR AND WALL POWER AND COMMUNICATION DEVICES FOR FURNITURE. EQUIPMENT AND MILLWORK TO BE COORDINATED IN THE FIELD WITH ARCHITECT, FURNITURE VENDOR AND OWNER TO APPROVE PRIOR TO INSTALLATION IF FIELD CONDITIONS DIFFER FROM DRAWINGS. 17. GC TO SUBMIT PLAN OF EXACT CORE LOCATIONS TO ARCHITECT FOR REVIEW / APPROVAL PRIOR TO CORING.

18. FOR DETAILS AND SPECIFICATIONS ON SWITCHES, PANEL BOXES, CIRCUITING, DUCT WORK, AIR SUPPLY DIFFUSERS, THERMOSTATS, SMOKE DETECTORS, EXIT SIGNS, SPEAKERS, EMERGENCY LIGHTING, NIGHT LIGHTING, PULL STATIONS, ETC, REFER TO SPECIFICATIONS, ELECTRICAL AND MECHANICAL DRAWINGS. 19. FLOOR OUTLETS SHALL BE FLUSH, UNO AND INSTALLED BY CONTRACTOR. IF DEVICES ARE IN CONFLICT WITH BUILDING STRUCTURE OR UTILITIES, CONTRACTOR TO NOTIFY ARCHITECT AND OBTAIN ALTERNATE LOCATION. ALL FLOOR CORE COVERS TO BE **DARK GRAY** UNO. FLOOR CORES THAT CORRESPOND WITH FURNITURE TO BE DIMENSIONED AND COORDINATED WITH FURNITURE VENDOR.

20. PROVIDE FIRE-STOPPING AT ALL FLOOR PENETRATIONS TO MEET APPLICABLE BUILDING CODES. 21. WALL-MOUNTED POWER & COMMUNICATION OUTLETS SHALL BE MOUNTED AT 1'-6" OC ABOVE FINISHED FLOOR, UNO AND SHALL BE SUPPORTED BY STUDS AT ALL LOCATIONS. 22. OUTLETS ABOVE COUNTER TOPS AND DESKTOPS SHALL BE MOUNTED HORIZONTALLY, UNO. 23. DO NOT PLACE OUTLETS BACK TO BACK AT OPPOSITE FACES OF THE SAME PARTITION. ALL DEVICES TO BE STAGGERED AND

ACOUSTICALLY SEALED. 24. THE COVER PLATE FINISH OF ALL WALL MOUNTED POWER AND COMMUNICATION DEVICES SHALL BE WHITE, UNO. REPLACE ANY EXISTING COVERS TO MATCH.

25. COORDINATE WITH FINISH PLAN FOR MOTORIZED WINDOW TREATMENTS, AND FLOOR PLAN FOR ELECTRIC OPERABLE PARTITIONS IF APPLICABLE.

26. COORDINATE POWER FOR ENTRY INTERCOMS, DOOR RELEASE BUTTONS, AD " PUSH TO OPEN" ACTUATORS, AND CARD READERS WITH SECURITY AND LOW VOLTAGE IF APPLICABLE.

P & C PLAN KEY NOTES:

POWER REQUIREMENTS PER IT CONSULTANT. SEPERATE AC UNIT TO BE PROVIDED IN I.T. ROOM

POWER AND DATA FOR TV MONITOR ABOVE RECEPTION DESK, LOCATION TO BE DETERMINED

3 COORDINATE AV / PROJECTOR CONTROLS WITH VENDOR

PROVIDE DROPS FOR SPECIFIED POWER & DATA AT STORES, FINAL DEVICE LOCATIONS & AV BY OWNER

COORDINATE POWER REQUIREMENTS WITH OWNER PROVIDED PRINTER / FAX / PLOTTER SPECIFICATIONS FOR OUTLET TYPES AND SIZES.

6 XRAY SLAB AT NEW FLOOR CORES, COORDINATE WITH MEP DRAWINGS POWER FOR HAND TOWELS, SOAP DISPENSERS, AND FAUCETS AS REQUIRED. FINAL SPECS TBD

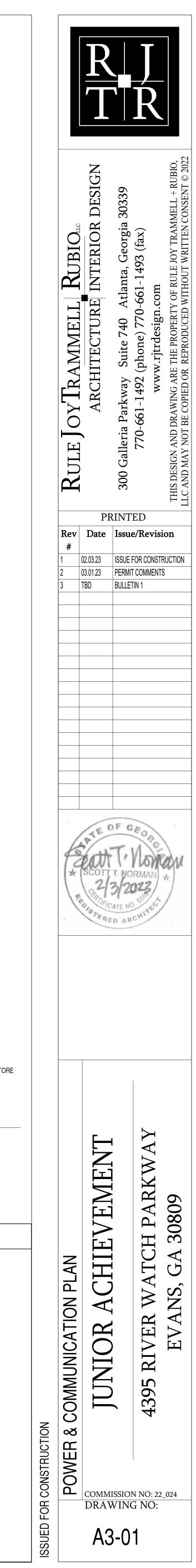
FOUNDERS WALL TV, PROVIDE BLOCKINBG. EXACT LOCATION TO BE DETERMINED 9 POWER AS REQUIRED FOR FOUNTAIN AND WATER BOTTLE FILLER

[10] ALL SECURITY REQUIREMENTS TO BE COORDINATED WITH SECURITY VENDOR

11 COORDINATE J-BOX AT EACH STOREFRONT FOR FUTURE LIT SIGNAGE

[12] POWER AND AV BOX FOR PODIUM, COORDINATE WITH AV DRAWINGS

P & C PLAN KEY NOTES CONTINUED:

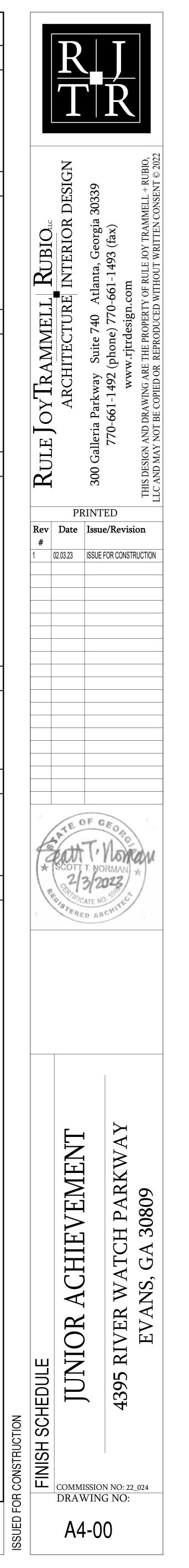


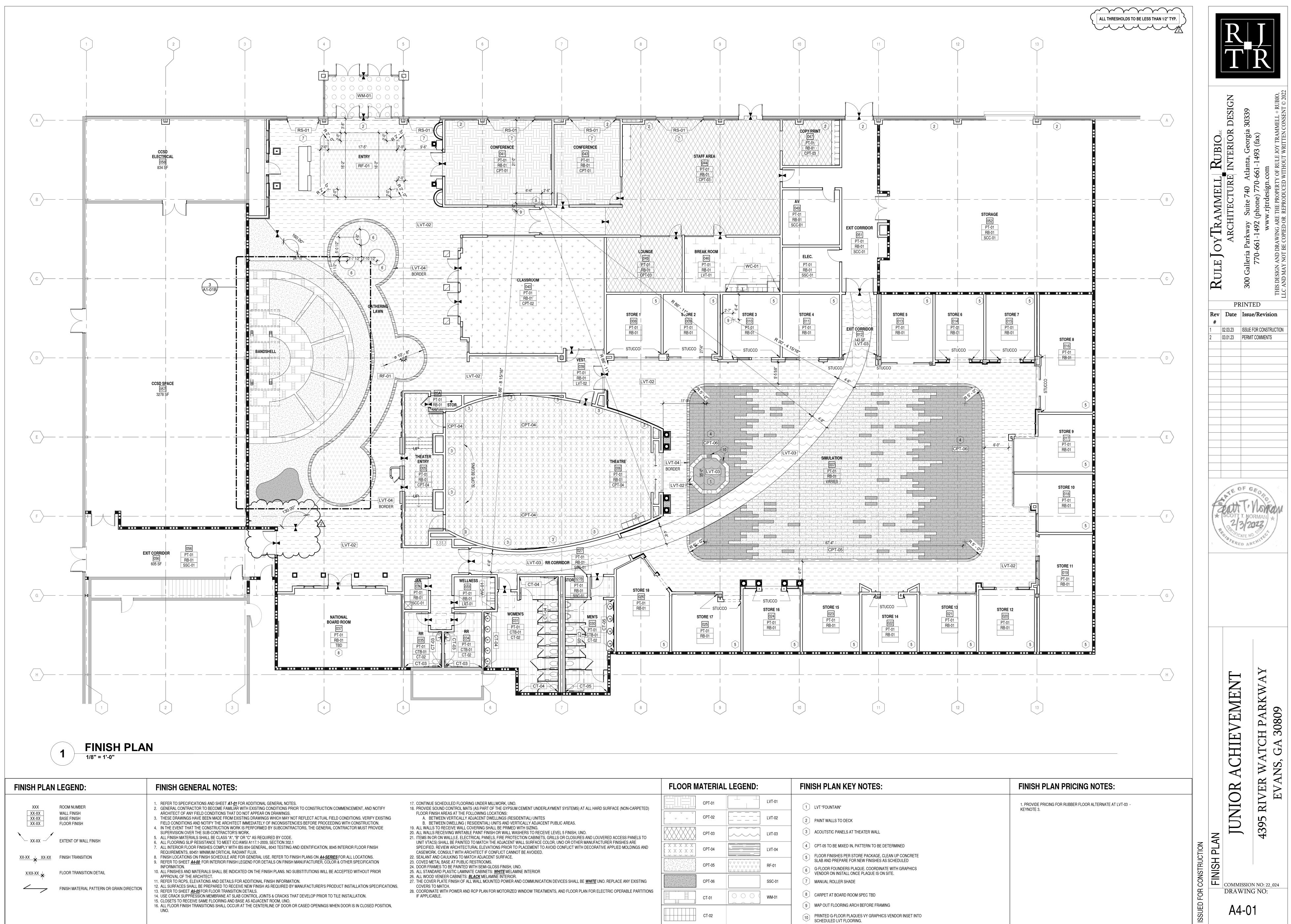
ACOUSTIC CEILING TILE (ACT)	CERAMIC / PORCELAIN TILE (CT)
ACT-01 MANUFACTURER: ARMSTRONG PRODUCT: ULTIMA SQ. LAY-IN #1910 (.70 NRC)	CT-01 MANUFACTURER: ARCHITESSA PRODUCT: BRICK WORLD SOHO
COLOR: WHITE SIZE: 24" X 24" 3/4"	COLOR / FINISH: COTTO SIZE: 3X12
GRID TYPE: GRID SIZE:	JOINT SIZE: INSTALLATION:
GRID COLOR: CONTACT: JODY TEETER PHONE / EMAIL: 700-262-5955 /JTTEETER@ARMSTRONG.COM	GROUT MFR: GROUT COLOR: CONTACT: KYMBERLEE BRASELTON
NOTES: WHERE NOTED ACT-02 MANUFACTURER: ARMSTRONG	PHONE / EMAIL: 404-670-4743 /KYMBERLEE@ARCHITESSA.COM NOTES: BANDSHELL
PRODUCT: #5443 SOUNDSCAPE SHAPES COLOR: WHITE (REFER TO SHEET A2-02)	CT-02 MANUFACTURER: TRINITY TILE PRODUCT: DEFINE
SIZE: 48" X 48" CIRCLE PANELS GRID TYPE: GRID SIZE:	COLOR / FINISH: HEATHER GRAY SIZE: 12X24 JOINT SIZE:
GRID COLOR: CONTACT: JODY TEETER	INSTALLATION: GROUT MFR:
PHONE / EMAIL: 700-262-5955 /JTTEETER@ARMSTRONG.COM NOTES: WHERE NOTED	GROUT COLOR: CONTACT: ELIZABETH CHAMBLEY PHONE / EMAIL: 770-865-5139 /ECHAMBLEY@TRINITYSURFACES.COM
CONCRETE COATING (CC)	NOTES: RESTROOMS CT-03 MANUFACTURER: CERAMIC TECHNICS
CC-01 MANUFACTURER: SCOFIELD	PRODUCT: MARRADO ART DECO COLOR / FINISH: BLUE LAGOON PEAK
PRODUCT: LITHOCHROME TINTURA STAIN COLOR / FINISH: 2626 LIGHT GRAY (2 LIGHT COATS) SIZE/INSTALLATION: LIGHT SAND FINISH/400 GRIT	SIZE: 2.5X10.5 JOINT SIZE: INSTALLATION:
CONTACT: JAMIE HUSTEY PHONE / EMAIL: 404-735-7184 /JAMIE.HUSTEY@SCOFIELD.COM	GROUT MFR: GROUT COLOR:
	CONTACT: KELLY BOWEN PHONE / EMAIL: 404-433-6997 /KBOWEN@CERAMICTECHNICS.COM
CARPET (CPT)	NOTES: UNISEX RESTROOMS CT-04 MANUFACTURER: CERAMIC TECHNICS CT-04 MANUFACTURER: CERAMIC TECHNICS
CPT-01 MANUFACTURER: SHAW PRODUCT: IN COMMON TILE	PRODUCT: STONEWORKS INDUSTRIAL REFLECTIONS OCEAN /NATURAL SIZE: 8"X24"
STYLE: 5T451 COLOR: TOGETHER COLOR 50210 SIZE:	JOINT SIZE: INSTALLATION:
BACKING: INSTALLATION: MONOTHILITHIC	GROUT MFR: GROUT COLOR: CONTACT: KELLY BOWEN
CONTACT: JESSA FINNEGAN PHONE / EMAIL: 404-558-1806 /JESSA.FINNEGAN@SHAWINC.COM	CONTACT: KELLY BOWEN PHONE / EMAIL: 404-433-6997 /KBOWEN@CERAMICTECHNICS.COM NOTES: WOMENS RESTROOMS
NOTES: CONFERENCE ROOM CPT-02 MANUFACTURER: SHAW	CT-05 MANUFACTURER: CERAMIC TECHNICS PRODUCT: STONEWORKS INDUSTRIAL REFLECTIONS
PRODUCT: WRITTEN TILE STYLE: 5T407	COLOR / FINISH: EMERALD /NATURAL SIZE: 8"X24"
COLOR: CONNECTION 05105 SIZE: BACKING:	JOINT SIZE: INSTALLATION: GROUT MFR:
INSTALLATION: MONOTHILITHIC CONTACT: JESSA FINNEGAN	GROUT COLOR: CONTACT: KELLY BOWEN
PHONE / EMAIL: 404-558-1806 /JESSA.FINNEGAN@SHAWINC.COM NOTES: CLASSROOM	PHONE / EMAIL: 404-433-6997 /KBOWEN@CERAMICTECHNICS.COM NOTES: MEN'S RESTROOMS
CPT-03 MANUFACTURER: SHAW PRODUCT: RETHREAD TILE	CERAMIC / PORCELAIN TILE BASE (CTB)
STYLE: 5T165 COLOR: GREY SLATE 64535 SIZE:	CTB-01 MANUFACTURER: TRINITY TILE
BACKING: INSTALLATION: HERRINGBONE	PRODUCT: DEFINE BULLNOSE COLOR / FINISH: HEATHER GRAY
CONTACT: JESSA FINNEGAN PHONE / EMAIL: 404-558-1806 /JESSA.FINNEGAN@SHAWINC.COM	SIZE: 3X12 JOINT SIZE: INSTALLATION:
NOTES: STAFF ROOMS CPT-04 MANUFACTURER: SHAW	GROUT MFR: GROUT COLOR:
PRODUCT: LANDING EDGE TILE STYLE: 5T375 COLOR: EXPANSIVE REEF 71870	CONTACT: ELIZABETH CHAMBLEY PHONE / EMAIL: 770-865-5139 /ECHAMBLEY@TRINITYSURFACES.COM
SIZE: 18X36 BACKING:	NOTES: RESTROOMS
INSTALLATION: ?? CONTACT: JESSA FINNEGAN	DECORATIVE FILM (DF)
PHONE / EMAIL: 404-558-1806 /JESSA.FINNEGAN@SHAWINC.COM NOTES: THEATRE	DF-01 MANUFACTURER: 3M COMMERCIAL GRAPHICS DIVISION PRODUCT: SCOTCHCAL
CPT-05 MANUFACTURER: SHAW PRODUCT: ENDLESS TILE	COLOR / FINISH: 7725-324 /FROSTED CRYSTAL SIZE: .075 MM, SEE ELEVATIONS
STYLE: 5T305 COLOR: NATURE 05326 SIZE:	CONTACT: BRYAN BAKER PHONE / EMAIL: 630-379-6 /BBAKER3@MMM.COM NOTES: STAFF AREAS, STOREFRONT THROUGHOUT. TYPE II. BY GRAPHICS VENDO
BACKING: INSTALLATION: MONOTHILITHIC	DECORATIVE HARDWARE (DH)
CONTACT: JESSA FINNEGAN PHONE / EMAIL: 404-558-1806 /JESSA.FINNEGAN@SHAWINC.COM	
NOTES: GATHERING LAWN, SIMULATION "LIGHT GREEN GRASS" CPT-06 MANUFACTURER: SHAW CPT-06 MANUFACTURER: SHAW	PRODUCT: DRAWER PULL, BP30596195 FINISH: BLACK
PRODUCT: ZONE TILE STYLE: 5T158 COLOR: GREEN 58300	SIZE: 6 15/16" L CONTACT: KARROLL BOYD PHONE / EMAIL: 770-362-6397 /KBOYD@RICHELIEU.COM
SIZE: BACKING:	NOTES: BREAKROOM, WELLNESS, 8/32" SCREW/NAIL NOT INCLUDED
INSTALLATION: MONOTHILITHIC CONTACT: JESSA FINNEGAN PHONE / EMAIL: 404-558-1806 /JESSA.FINNEGAN@SHAWINC.COM	EXTERIOR WINDOW SHUTTERS (EWS)
NOTES: PUTTING GREEN, SIMULATION "TURF"	EWS-1 MANUFACTURER: CUSTOM SHUTTER COMPANY OR EQ. PRODUCT: EXTERIOR WOODEN LOUVERED WESTERN RED CEDAR
	COLOR / FINISH: PAINTED TBD SIZE: MATCH WINDOW HEIGHT
	JOINT SIZE: INSTALLATION: GROUT MFR:
	GROUT COLOR: CONTACT:
	PHONE / EMAIL: NOTES: FIRE TREAT PRIOR TO PAINTING
	FINISH TRANSITION (FT)
	FT-01 MANUFACTURER: JOHNSONITE
	PRODUCT: COLOR / FINISH: SIZE / EDGE:
	INSTALLATION: CONTACT:
	PHONE / EMAIL: NOTES:
	FIBER CEMENT SIDING (FCS)
	FT-01 MANUFACTURER: ALLURA USA
	PRODUCT: FIBER CEMENT LAP SIDING, TRADITIONAL LAP COLOR / FINISH: SNOW /TRADITIONAL CEDAR
	SIZE / EDGE: 6" EXPOSURE (7 1/4") INSTALLATION: CONTACT:
	PHONE / EMAIL: NOTES: AT BOARDROOM

		URY VINYL TILE (LVT)			IZ AGGLOMERATE (QA)			
LVT-01	MANUFACTURER: PRODUCT: COLOR / FINISH:	0601V UNVEIL	QA-01	MANUFACTURER:	SILESTONE			
	SIZE / GAUGE: INSTALLATION:	9X36 /3 MM THICKNESS		PRODUCT: COLOR / FINISH:	SOLID SURFACE MIAMI WHITE 17		COLOR / FINIS	
NOTEO	PHONE / EMAIL:	JESSA FINNEGAN 404-558-1806 /JESSA.FINNEGAN@SHAWINC.COM		INSTALLATION:	3CM PACE PICKEL		TRI INSTALLATIO CONTAC	ON:
	BREAK ROOM MANUFACTURER:	SHAW 0515V SURFACE LVT	NOTES:	PHONE / EMAIL:	PPICKEL@CSENTINO.COM AKROOM, WELLNESS (EASED EDGE)	NOTES:	PHONE / EMA	
	COLOR / FINISH: SIZE / GAUGE:	CASHMERE 15114 18X36 /2.5 MM THICKNESS	QA-02		SOLID SURFACE	SF-11	MANUFACTURE PRODUC	CT: FIBER
	CONTACT:	BRICK INSTALL JESSA FINNEGAN 404-558-1806 /JESSA.FINNEGAN@SHAWINC.COM			ET. MARFIL PULIDO 3CM		COLOR / FINIS SIZE / GUAG TRI	GE:
		ILATION WALKWAYS		CONTACT:	PACE PICKEL PPICKEL@CSENTINO.COM		INSTALLATIO CONTAC	ON: CT:
LV1-03	PRODUCT: COLOR / FINISH:	4077V COMPOUND LVT AZURE 77436	NOTES:	RECEPTION DESK	& CONSOLE (EASED EDGE)	NOTES:		
	INSTALLATION:	24X24 /5 MM THICKNESS BRICK INSTALL JESSA FINNEGAN		RI	ESILIENT BASE (RB)	SF-12		CT: 6" MO
NOTES:		404-558-1806 /JESSA.FINNEGAN@SHAWINC.COM		MANUFACTURER:	· · · · ·		SIZE / GUAG TRI	GE: 6" DIA Rim:
	MANUFACTURER:	SHAW		PRODUCT: COLOR / FINISH:	TRADITIONAL WALL BASE 29 MOON ROCK		INSTALLATIO CONTAC PHONE / EMA	CT:
	COLOR / FINISH:	SURFACE 0515V GRAVEL 15530 24X24 /20 MM THICKNESS		SIZE: STYLE: CONTACT:	4" MARJORIE BOSELY	NOTES:	FIRE TREAT BEF	
	CONTACT:	BRICK INSTALL JESSA FINNEGAN 404-558-1806 /JESSA.FINNEGAN@SHAWINC.COM	NOTES:	PHONE / EMAIL:	404-550-3644 /MBOSLEY@JOHNSONITE.COM CEPT AT BASE CABINETS			(
NOTES:		G IN GATHERING LAWN		RF	SILIENT FLOOR (RF)		MANUFACTURE	
							PRODUC COLOR / FINIS	CT: MESC SH: CLIFF
				PRODUCT: COLOR / FINISH:	RT4103		SIZ JOINT SIZ INSTALLATIO	ZE:
		METAL (MTL)		SIZE / GUAGE: INSTALLATION: CONTACT:	ROLLS, TILES ELIZABETH CHAMBLEY		GROUT MF GROUT COLO	FR: OR:
MTL-01	MANUFACTURER: PRODUCT:	MATTE	NOTES:	PHONE / EMAIL:	770-856-5139 /ECHAMBLEY@TRINITYSURFACES.COM & SIMULATION AS NOTED			AIL:
	COLOR / FINISH: SIZE / GUAGE: INSTALLATION:					NOTES: ST-02		ER: ELDE
	CONTACT:				ECIALTY FINISH (SF)		PRODUC COLOR / FINIS	CT: VANTA SH: WHITE
IOTES:			SF-01		GAF OR EQUAL 3-TAB ARCHITECTURAL SHINGLES MULTI-DIMENSIONAL TBD		SIZ JOINT SIZ INSTALLATIO	ZE:
	DI /	ASTIC LAMINATE (PL)	——]	SIZE / GUAGE: TRIM:			GROUT MF GROUT COLO	FR: OR:
PL-01		. ,		INSTALLATION: CONTACT: PHONE / EMAIL:			CONTAC PHONE / EMA BUILDING EXTER	AIL:
	PRODUCT: COLOR / FINISH:	STANDARD PLASTIC LAMINATE WEATHERED ASH /8842-WR		GC TO PROVIDE C	OLOR BOARD FOR SELECTION		SIMUL	
	INSTALLATION: CONTACT:	VERTICAL SURFACES LESLIE GALIFIANAKIS 404-312-7633 /LESLIE.GALIFIANAKIS@FORMICA.COM	SF-02		MASONPRO OR SIM. 8" CROSS RIBBED GLASS BLOCK			
	BREAK, WELLNESS	S, STAFF		SIZE / GUAGE: TRIM:			PRODUC COLOR / FINIS	CT: EIFS SH: WILLI/
PL-02		FORMICA STANDARD PLASTIC LAMINATE DOVE WHITE /7197-58		INSTALLATION: CONTACT: PHONE / EMAIL:	1-800-659-4731, sales@masonpro.com		SIZ JOINT SIZ INSTALLATIO	ZE:
	INSTALLATION: CONTACT:	HORIZONTAL SURFACES LESLIE GALIFIANAKIS	NOTES:		blhost.com/wp-content/uploads/2013/05/GlassBlock_CrossRibbe	l-1.pdf	GROUT MF GROUT COLO	FR: OR: #403 V
OTES:	PHONE / EMAIL: BREAK, WELLNESS	404-312-7633 /LESLIE.GALIFIANAKIS@FORMICA.COM S, STAFF	SF-03	MANUFACTURER:				AIL:
		PAINT (PT)			FOREST GREEN/ WHITE 16"H, x 100.5"L, 30"D			
PT-01		SHERWIN WILLIAMS SEE SPECIFICATIONS		INSTALLATION: CONTACT:			COLOR / FINIS SIZ	SH: REFEI ZE:
	COLOR: FINISH:	SW7661 REFLECTION EGGSHELL	NOTES:	PHONE / EMAIL:			JOINT SIZ INSTALLATIO GROUT MF	ON:
	CONTACT: PHONE / EMAIL:		SF-04	PRODUCT:	MELTON CLASSICS GFRG COLUMNS - ROUND, TAPERED PLAIN TUSCAN		GROUT COLO CONTAC	OR: CT:
		SHERWIN WILLIAMS		COLOR / FINISH: SIZE / GUAGE: TRIM:	SEE PLANS & ELEVATIONS		PHONE / EMA BLACKENED BR	RICK, STOF
	COLOR:	SEE SPECIFICATIONS 7006 CEILING BRIGHT WHITE EGGSHELL		INSTALLATION: CONTACT:		STU-03	MANUFACTURE PRODUC COLOR / FINIS	CT: EIFS
	CONTACT: PHONE / EMAIL:		NOTES:	PHONE / EMAIL:			JOINT SIZ	ZE:
		SHERWIN WILLIAMS	SF-05	PRODUCT:	MELTON CLASSICS GFRG COLUMNS - SQUARE, TUSCAN SQUARE		INSTALLATIO GROUT MF	FR:
		SEE SPECIFICATIONS SW 9063 PORCH CEILING		COLOR / FINISH: SIZE / GUAGE: TRIM:	14' TALL x 12" DIAMETER /SEE PLANS & ELEVATIONS		GROUT COLO CONTAC PHONE / EMA	CT:
	CONTACT: PHONE / EMAIL:			INSTALLATION: CONTACT:			CONFERENCE 0	
		SHERWIN WILLIAMS	NOTES:	PHONE / EMAIL:			PRODUC COLOR / FINIS	CT: EIFS (SH: REFEI
	COLOR:	SEE SPECIFICATIONS SW 6147 PANDA WHITE SEMI-GLOSS	SF-07	MANUFACTURER:	ACOUFELT TETRA CEILING BAFFLES		SIZ JOINT SIZ INSTALLATIO	ZE:
	CONTACT: PHONE / EMAIL:			COLOR / FINISH: SIZE / GUAGE:	OREGANO		GROUT MF GROUT COLO	OR:
	ACCENTS MANUFACTURER:	SHERWIN WILLIAMS		TRIM: INSTALLATION: CONTACT:			CONTAC PHONE / EMA CLASSROOM 04	AIL:
	PRODUCT: COLOR:	SEE SPECIFICATIONS SW 6990 CAVIAR	NOTES:	PHONE / EMAIL:			MANUFACTURE	ER: MASTE
	FINISH: Contact: Phone / Email:	SEMI-GLOSS	[MANUFACTURER:	ACOUFELT TETRA CEILING BAFFLES		PRODUC COLOR / FINIS	CT: EIFS (SH: REFE
		RD ROOM, STORES 6/7		COLOR / FINISH: SIZE / GUAGE:	WASABI		SIZ JOINT SIZ INSTALLATIO	ZE:
	PRODUCT: COLOR:			TRIM: INSTALLATION:			GROUT MF GROUT COLO	FR: OR:
	FINISH: CONTACT: PHONE / EMAIL:		NOTES:	CONTACT: PHONE / EMAIL:			CONTAC PHONE / EMA CLASSROOM 04	AIL:
IOTES:				MANUFACTURER:	ACOUFELT SOLID WALL PANELS		MANUFACTURE	
PT-07	PRODUCT:	SHERWIN WILLIAMS SEE SPECIFICATIONS SW 7005 PURE WHITE		COLOR / FINISH: SIZE / GUAGE:	LIPSTICK RED		COLOR / FINIS SIZ	SH: REFER
	FINISH: CONTACT:	SEMI-GLOSS		TRIM: INSTALLATION:			JOINT SIZ	ZE:
	PHONE / EMAIL: ACCENTS		NOTES:	CONTACT: PHONE / EMAIL:			GROUT MF GROUT COLO CONTAC	OR:
PT-08	PRODUCT:	SHERWIN WILLIAMS SEE SPECIFICATIONS SW 7757 HIGH REFLECTIVE WHITE		MANUFACTURER:		NOTES:	PHONE / EMA THEATER, CLAS	AIL:
	FINISH: CONTACT:	SEMI-GLOSS		PRODUCT: COLOR / FINISH: SIZE / GUAGE:		STU-08		CT: EIFS (
OTES:	PHONE / EMAIL: ACCENTS			TRIM: INSTALLATION:			COLOR / FINIS SIZ JOINT SIZ	ZE:
PT-10		SHERWIN WILLIAMS SEE SPECIFICATIONS	NOTES:	CONTACT: PHONE / EMAIL:			INSTALLATIO GROUT MF	ON: FR:
	COLOR: FINISH:	SW 0016 BILLIARD GREEN SEMI-GLOSS		MANUFACTURER:			GROUT COLO CONTAC PHONE / EMA	CT:
101Ec.	CONTACT: PHONE / EMAIL: ACCENTS			PRODUCT: COLOR / FINISH: SIZE / GUAGE:		NOTES:		
	MANUFACTURER: PRODUCT:	SHERWIN WILLIAMS SEE SPECIFICATIONS		TRIM: INSTALLATION:			PRODUC COLOR / FINIS	CT: EIFS (SH: REFEI
	COLOR: FINISH:	SW 6234 UNCERTAIN GRAY SEMI-GLOSS		CONTACT: PHONE / EMAIL:			SIZ JOINT SIZ	ZE: ZE:
	CONTACT: PHONE / EMAIL: ACCENTS AT CON		NOTES:				INSTALLATIO GROUT MF GROUT COLO	FR: OR:
101E9;	AUVENTS AT CUN						CONTAC PHONE / EMA	CT:
						NOTES:	STORE 17	

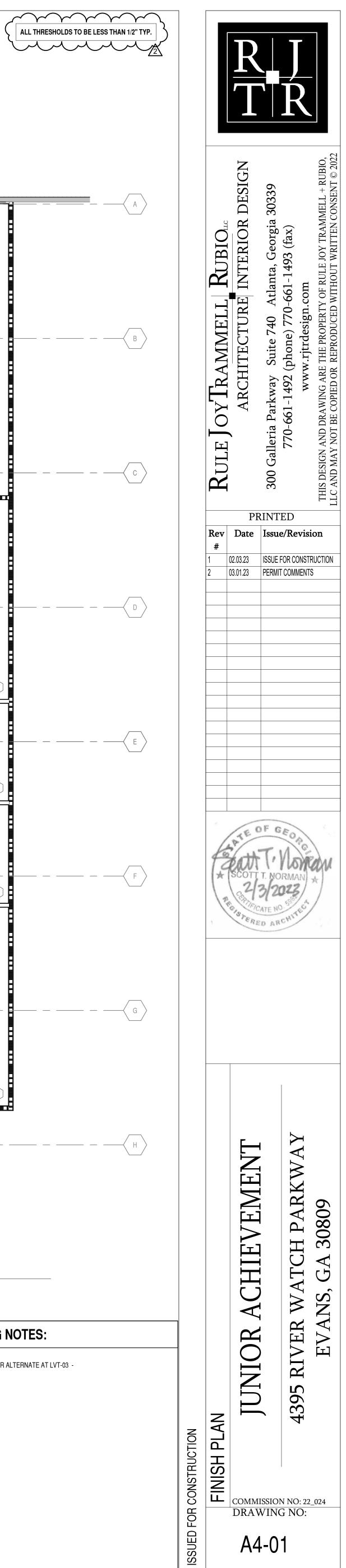
		WALL COVERING (WC)
HITECTURAL FIBERGLASS, INC. RGLASS HEMISPHERE DOME A-142	STU-12 MANUFACTURER: MASTER WALL INC. OR SIM. PRODUCT: EIFS (SMOOTH STUCCO)	WC-01 MANUFACTURER: COMMAND PRODUCT: JACQUARD WEAVE COLOR / FINISH: GLACIER
5", D 2'-10"	COLOR / FINISH: REFER TO SHERWIN WILLIAMS 7757 HIGH REFLECTIVE WHITE SIZE: JOINT SIZE:	WIDTH / REPEAT: 52 /54" WEIGHT: 20 OZ BACKING: OSNABURG
	GROUT GLOR:	INSTALLATION: CONTACT: HEATHER THAGARD PHONE / EMAIL: 404-281-0710 /HEATHER.THAGARD@NATIONAL
HITECTURAL FIBERGLASS, INC. RGLASS FINIAL DST-106	CONTACT: PHONE / EMAIL: NOTES: ACCENTS	
, H 8"	STU-14 MANUFACTURER: MASTER WALL INC. OR SIM. PRODUCT: EIFS (SMOOTH STUCCO)	WINDOW TREATMENT / DRAPERY (
	COLOR / FINISH: MATCH STU-23, MINUS PANELS SIZE: JOINT SIZE: INSTALLATION:	PRODUCT: MANUAL ROLLERSHADES COLOR: TBD, 5% OPENNESS WIDTH / REPEAT: SEE PLANS
AGE WOODWORKS ONTGOMERY BALLUSTER (M624)	GROUT MFR: GROUT COLOR: CONTACT:	CONTENT: BACKING: FINISH:
IT, SEE ELEVATION AM. X 24" TALL	PHONE / EMAIL: NOTES: VENETIAN PLASTER TYPE FINISH - STORE 8	INSTALLATION: FACE OF MULLION, PROVIDE ALUMINUM FASC CONTACT: CHERIE SIMMONS PHONE / EMAIL: (770) 519-0570 /CHERIE.SIMMONS@MECHOSHA
INTING	STU-15 MANUFACTURER: MASTER WALL INC. OR SIM. PRODUCT: EIFS (SMOOTH STUCCO) COLOR / FINISH: REFER TO SHERWIN WILLIAMS SW 9109 NATURAL LINEN	
	SIZE: JOINT SIZE: INSTALLATION:	WALK OFF MATT (WM)
STONE (ST)	GROUT MFR: GROUT COLOR: CONTACT: PHONE / EMAIL:	PRODUCT: WELCOME II 5T031 COLOR: STERLING 31557 WIDTH / REPEAT: 24" X 24"
QUITE FSTONE	NOTES: CONF. 041, STORE 18, THEATER: SIM SIDE, STU-17 MANUFACTURER: MASTER WALL INC. OR SIM.	CONTENT: BACKING: FINISH:
	PRODUCT: SILVER METALLIC SMOOTH STUCCO COLOR / FINISH: MASTERWALL METALLIC COTE OR SIM. IN POLISHED NICKEL SIZE:	INSTALLATION: CONTACT: PHONE / EMAIL:
	JOINT SIZE: INSTALLATION: GROUT MFR:	NOTES:
ENTRY, CONFERENCE 041 EORADO STONE TAGE 30	GROUT COLOR: CONTACT: PHONE / EMAIL:	WOOD (WD)
TE ELM	NOTES: REFER TO MANUFACTURE INSTALLATION INSTRUCTIONS FOR "SMOOTH LOOK" APPLICATION. STORES 1,2 & 13, 14, 15 STU-18 MANUFACTURER: MASTER WALL INC. OR SIM.	WD-02 MANUFACTURER: SURFACING SOLUTION PRODUCT: 383 SOLID WOOD TAMBOUR SPECIES:
	PRODUCT: EIFS (WOOD PANEL FINISH) COLOR / FINISH: REFER TO DUCHATEAU VERNAL VEROBE7-SS SIZE:	COLOR / FINISH: POPLAR SIZE: 3/4" WIDE SLATS 5/16" DEEP PROFILE:
	JOINT SIZE: INSTALLATION: GROUT MFR:	CONTACT: PHONE / EMAIL: JERAMY@SURFACINGSOLUTIONS.COM NOTES: STORE 17
D STUCCO / EIFS (STU)	GROUT COLOR: CONTACT: PHONE / EMAIL:	WD-03 MANUFACTURER: WEABER PRODUCT: S4S OAK BOARD
	NOTES: STORE 17 STU-19 MANUFACTURER: MASTER WALL INC. OR SIM. PRODUCT: EIFS (WOOD PANEL FINISH)	SPECIES: COLOR / FINISH: OAK SIZE: 1" X 10" X 8'
IAMSBURG LIGHT RED /CIFS BRICK	COLOR / FINISH: SEE NOTES /CIFS WOOD GRAIN TEX SIZE: JOINT SIZE:	PROFILE: CONTACT: PHONE / EMAIL:
WEATHERED VERSATEX 0.5	INSTALLATION: GROUT MFR: GROUT COLOR:	NOTES: RECEPTION DESK CONSOLE TOP
TER WALL INC. OR SIM.	CONTACT: PHONE / EMAIL: NOTES: REFER TO ARTISTRY HARDWOOD FLOORING WINDSOR COLLECTION EMERSON CO	DAK WS-01 MANUFACTURER: XXXX
ER TO YANKEE HILL BRICK: CAPITAL, IRON SPOT SM.	50150. RESTROOM CORRIDOR ENTRY STU-22 MANUFACTURER: MASTER WALL INC. OR SIM. PRODUCT: EIFS (SAVANNAH FINISH)	PRODUCT: COLOR / FINISH: SIZE / GUAGE:
	COLOR / FINISH: REFER TO SHERWIN WILLIAMS SW 7532 URBAN PUTTY SIZE: JOINT SIZE:	INSTALLATION: CONTACT: PHONE / EMAIL:
	INSTALLATION: GROUT MFR: GROUT COLOR:	NOTES: WOOD VENEER (WV)
DRES 6/7 TER WALL INC. OR SIM.	CONTACT: PHONE / EMAIL: NOTES: VENETIAN PLASTER TYPE FINISH, THEATER	WV-01 MANUFACTURER: VT INDUSTRIES PRODUCT: FIGT FUMED OAK
ER TO CHEROKEE BRICK: PROVIDENCE, MACON	STU-23 MANUFACTURER: MASTER WALL INC. OR SIM. PRODUCT: EIFS (SAVANNAH FINISH) COLOR / FINISH: "LIMESTONE PANELS" LOOK	COLOR / FINISH: /RIFT CUT SIZE / GUAGE: INSTALLATION:
	JOINT SIZE: JOINT SIZE: INSTALLATION:	CONTACT: DAN TULLY PHONE / EMAIL: 312-330-8819 /DTULLY@ARCHVENEERS.COM NOTES: ALL WOOD DOORS, U.N.O.
	GROUT MFR: GROUT COLOR: CONTACT:	WOOD ACCESSORIES (WA)
TER WALL INC. OR SIM. 5 (SMOOTH STUCCO) ER TO SHERWIN WILLIAMS 6990 CAVIAR	PHONE / EMAIL: NOTES: VENETIAN PLASTER TYPE FINISH - STORE 8 STU-24 MANUFACTURER: MASTER WALL INC. OR SIM.	WA-01 MANUFACTURER: WOODGRAIN MILLWORK PRODUCT: DM CM-1176 SOLID PINE CROWN MOLDING
	PRODUCT: EIFS (SAVANNAH FINISH) COLOR / FINISH: "CONCRETE" LOOK SIZE:	COLOR / FINISH: TO BE PAINTED SW 0016 BILLIARD GREEN SIZE / GUAGE: 5/8" X 4 7/8" INSTALLATION:
	JOINT SIZE: INSTALLATION: GROUT MFR:	CONTACT: PHONE / EMAIL: NOTES: FINISHED TO BE DISTRESSED
TER WALL INC. OR SIM.	GROUT COLOR: CONTACT: PHONE / EMAIL:	WA-02 MANUFACTURER: EKENA MILLWORK PRODUCT: UNFINISHED WOOD ALDER DIANE RECESSED COLOR / FINISH: TO BE PAINTED SW 0016 BILLIARD GREEN
(SMOOTH STUCCO) ER TO SHERWIN WILLIAMS 7719 FRESCO CREAM	NOTES: VENETIAN PLASTER TYPE FINISH - STORES 3-4 STU-25 MANUFACTURER: MASTER WALL INC. OR SIM.	SIZE / GUAGE: 5"X4"X10" INSTALLATION: CONTACT:
	PRODUCT: EIFS (SMOOTH STUCCO) COLOR / FINISH: REFER TO SW 7005 PURE WHITE SIZE:	PHONE / EMAIL: NOTES: FINISHED TO BE DISTRESSED WA-03 MANUFACTURER: ORNAMENTAL MOULDINGS
	JOINT SIZE: INSTALLATION: GROUT MFR: GROUT COLOR:	PRODUCT: 1644 WHITE HARDWOOD FLUTED CASING MOU COLOR / FINISH: TO BE PAINTED SW 0016 BILLIARD GREEN SIZE / GUAGE: 1/2"X4"X84"
TER WALL INC. OR SIM. (SMOOTH STUCCO)	CONTACT: PHONE / EMAIL: NOTES: STORE 5	INSTALLATION: CONTACT: PHONE / EMAIL:
ER TO SHERWIN WILLIAMS 6147 PANDA WHITE	- Notes. Stones	NOTES: FINISHED TO BE DISTRESSED
040		
TER WALL INC. OR SIM. (SMOOTH STUCCO) ER TO SHERWIN WILLIAMS SW 0016 BILLIARD GREEN		
TER WALL INC. OR SIM.		
(SMOOTH STUCCO) ER TO SHERWIN WILLIAMS 6234 UNCERTAIN GRAY		
	-	







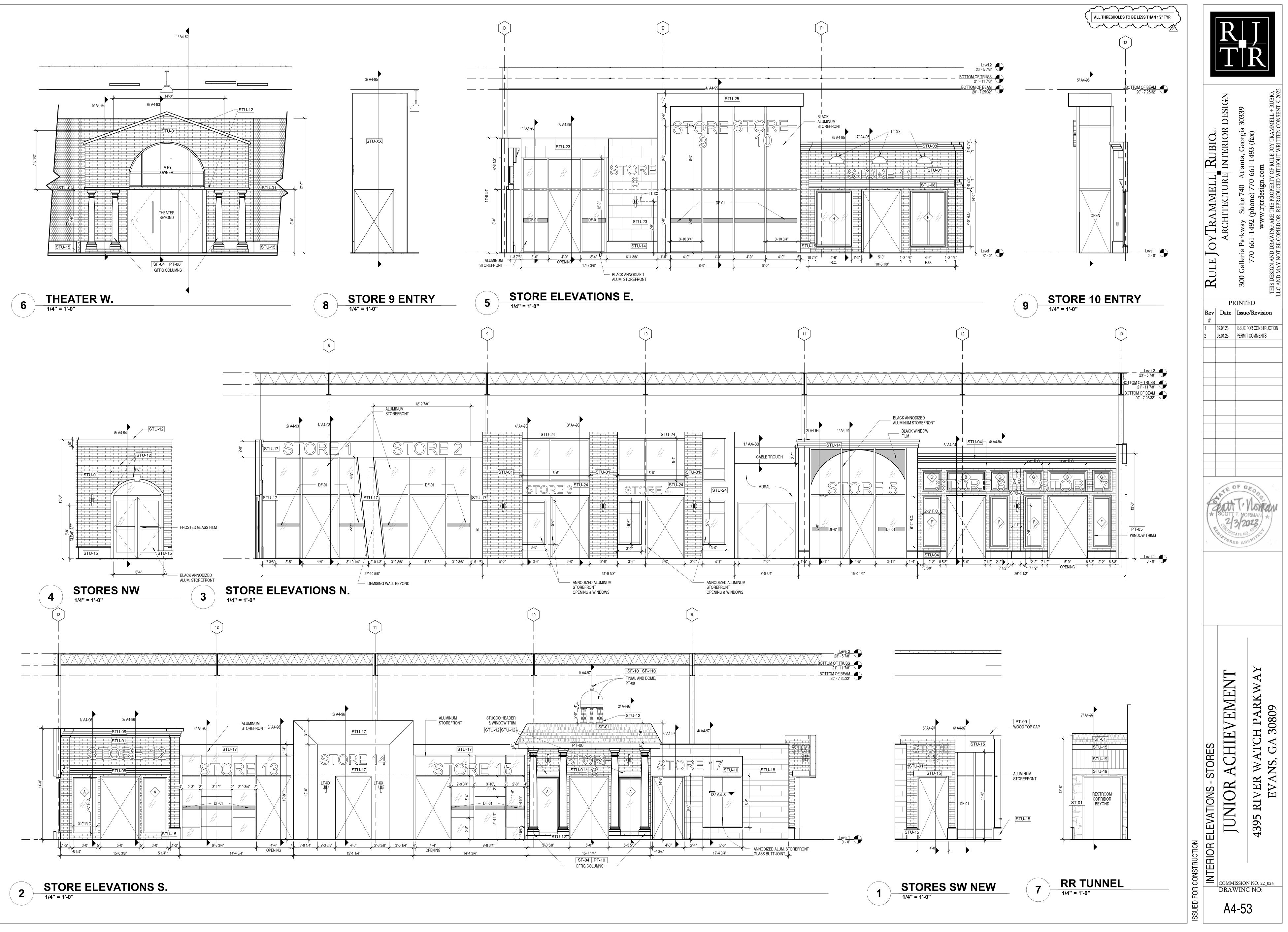
	FLOOR MATERIAL LEGEND:		
NOTIFY 18. PROVIDE SOUND CONTROL MATS (AS PART OF THE GYPSUM CEMENT UNDERLAYMENT SYSTEMS) AT ALL HARD SURFACE (NON-CARPETED) FLOOR FINISH AREAS AT THE FOLLOWING LOCATIONS: A. BETWEEN VERTICALLY ADJACENT DWELLINGS (RESIDENTIAL) UNITES B. BETWEEN DWELLING (RESIDENTIAL) UNITS AND VERTICALLY ADJACENT PUBLIC AREAS. ROVIDE 19. ALL WALLS TO RECEIVE WALL COVERING SHALL BE PRIMED WITH SIZING. 21. ITEMS IN OR ON WALL(I.E. ELECTRICAL PANELS, FIRE PROTECTION CABINETS, GRILLS OR CLOSURES AND LOUVERED ACCESS PANELS TO UNIT VTACS) SHALL BE PAINTED TO MATCH THE ADJACENT WALL SURFACE COLOR, UNO OR OTHER MANUFACTURER FINISHES ARE SPECIFIED. REVIEW ARCHITECTURAL ELEVATIONS PRIOR TO PLACEMENT TO AVOID CONFLICT WITH DECORATIVE APPLIED MOLDINGS AND CASEWORK. CONSULT WITH ARCHITECT CANNOT BE AVOIDED. S. 22. SEALANT AND CAULKING TO MATCH ADJACENT SURFACE. ITION CPT-04 IGN 23. COVED METAL BASE AT PUBLIC RESTROOMS. 24. DOOR FRAMES TO BE PAINTED WITH SEMI-GLOSS FINISH, UNO. CPT-05	D LOUVERED ACCESS PANELS TO INFACTURER FINISHES ARE CORATIVE APPLIED MOLDINGS AND INTE UNO. REPLACE ANY EXISTING OR ELECTRIC OPERABLE PARTITIONS	 PROVIDE SOUND CONTROL MATS (AS PART OF THE GYPSUM CEMENT UNDERLAYMENT SYSTEMS) AT ALL HARD SURFACE (NON-CARPETED) FLOOR FINISH AREAS AT THE FOLLOWING LOCATIONS: A. BETWEEN VERTICALLY ADJACENT DWELLINGS (RESIDENTIAL) UNITES B. BETWEEN DWELLING (RESIDENTIAL) UNITS AND VERTICALLY ADJACENT PUBLIC AREAS. I. ALL WALLS TO RECEIVE WALL COVERING SHALL BE PRIMED WITH SIZING. ALL WALLS RECEIVING WRITABLE PAINT FINISH OR WALL WASHERS TO RECEIVE LEVEL 5 FINISH, UNO. I. ITEMS IN OR ON WALL (I.E. ELECTRICAL PANELS, FIRE PROTECTION CABINETS, GRILLS OR CLOSURES AND LOUVERED ACCESS PANELS TO UNIT VTACS) SHALL BE PAINTED TO MATCH THE ADJACENT WALL SURFACE COLOR, UNO OR OTHER MANUFACTURER FINISHES ARE SPECIFIED. REVIEW ARCHITECTURAL ELEVATIONS PRIOR TO PLACEMENT TO AVOID CONFLICT WITH DECORATIVE APPLIED MOLDINGS AND CASEWORK. CONSULT WITH ARCHITECT IF CONFLICT CANNOT BE AVOIDED. SEALANT AND CAULKING TO MATCH ADJACENT SURFACE. COVED METAL BASE AT PUBLIC RESTROOMS. DOOR FRAMES TO BE PAINTED WITH SEMI-GLOSS FINISH, UNO. ALL WOOD VENEER CABINETS: <u>MHITE</u> MELAMINE INTERIOR ALL WOOD VENEER CABINETS: <u>BLACK</u> MELAMINE INTERIOR. THE COVER PLATE FINISH OF ALL WALL MOUNTED POWER AND COMMUNICATION DEVICES SHALL BE <u>WHITE</u> UNO. REPLACE ANY EXISTING COVERS TO MATCH. COORDINATE WITH POWER AND RCP PLAN FOR MOTORIZED WINDOW TREATMENTS, AND FLOOR PLAN FOR ELECTRIC OPERABLE PARTITIONS IF APPLICABLE. 	ey existing Ton. Rovide IISH S. Tion Prior Pecifications.



	FINISH PLAN KEY NOTES:	FINISH PLAN PRICING NOTES:
LVT-01	1 LVT "FOUNTAIN"	1. PROVIDE PRICING FOR RUBBER FLOOR ALTERNATE AT LVT-03 - KEYNOTE 3.
LVT-02	2 PAINT WALLS TO DECK	
LVT-03	3 ACOUTSTIC PANELS AT THEATER WALL	
LVT-04	4 CPT-05 TO BE MIXED IN, PATTERN TO BE DETERMINED	
RF-01	5 FLOOR FINISHES PER STORE PACKAGE, CLEAN UP CONCRETE SLAB AND PREPARE FOR NEW FINISHES AS SCHEDULED	
000.01	G-FLOOR FOUNDERS PLAQUE. COORDINATE WITH GRAPHICS VENDOR ON INSTALL ONCE PLAQUE IS ON SITE. MANUAL ROLLER SHADE	
SSC-01		
WM-01	8 CARPET AT BOARD ROOM SPEC TBD 9 MAP OUT FLOORING ARCH BEFORE FRAMING	
	PRINTED G-FLOOR PLAQUES VY GRAPHICS VENDOR INSET INTO SCHEDULIED LVT FLOOBING	

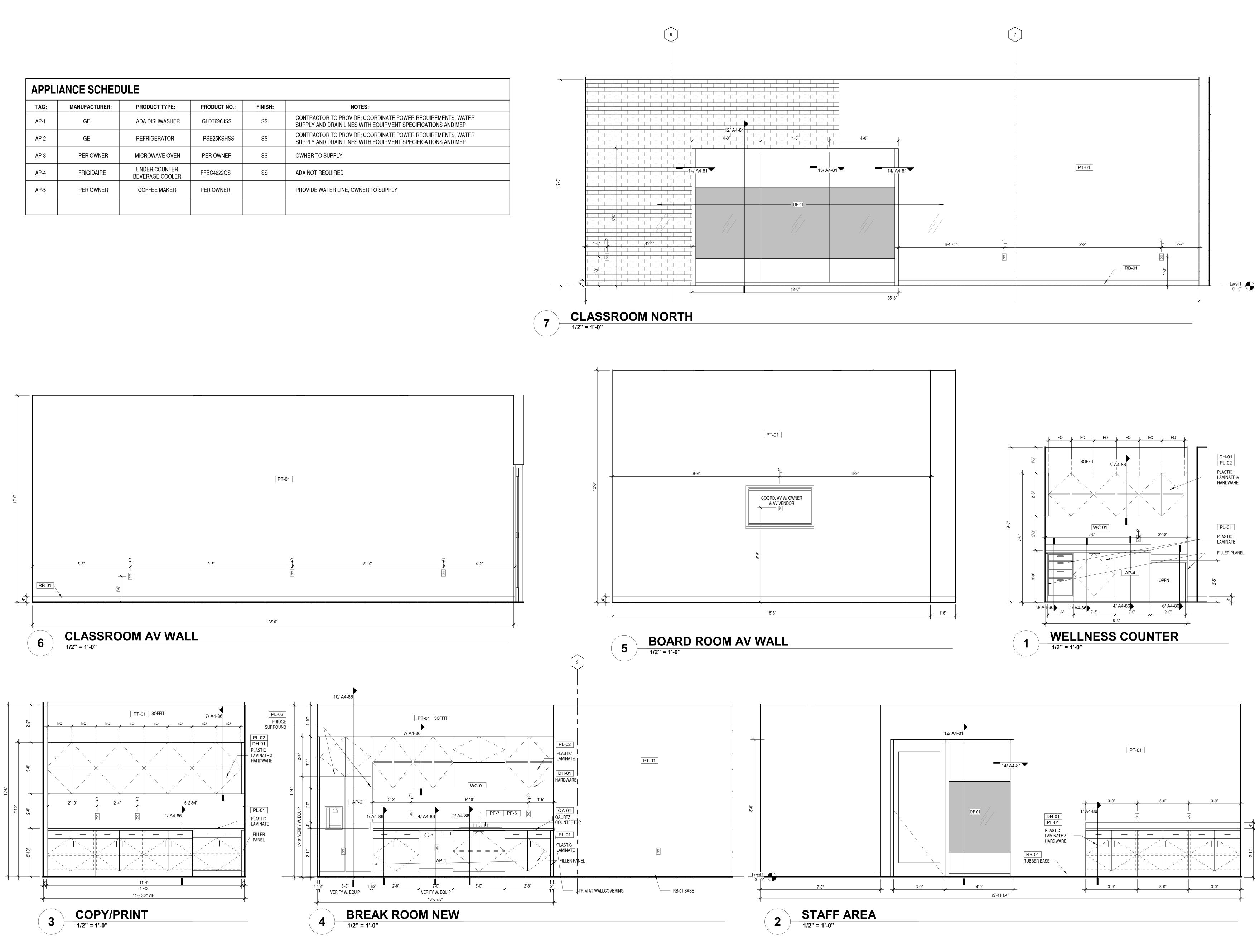


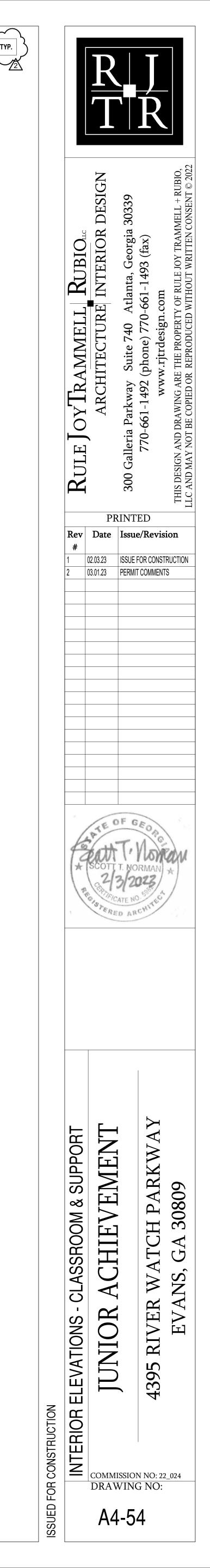


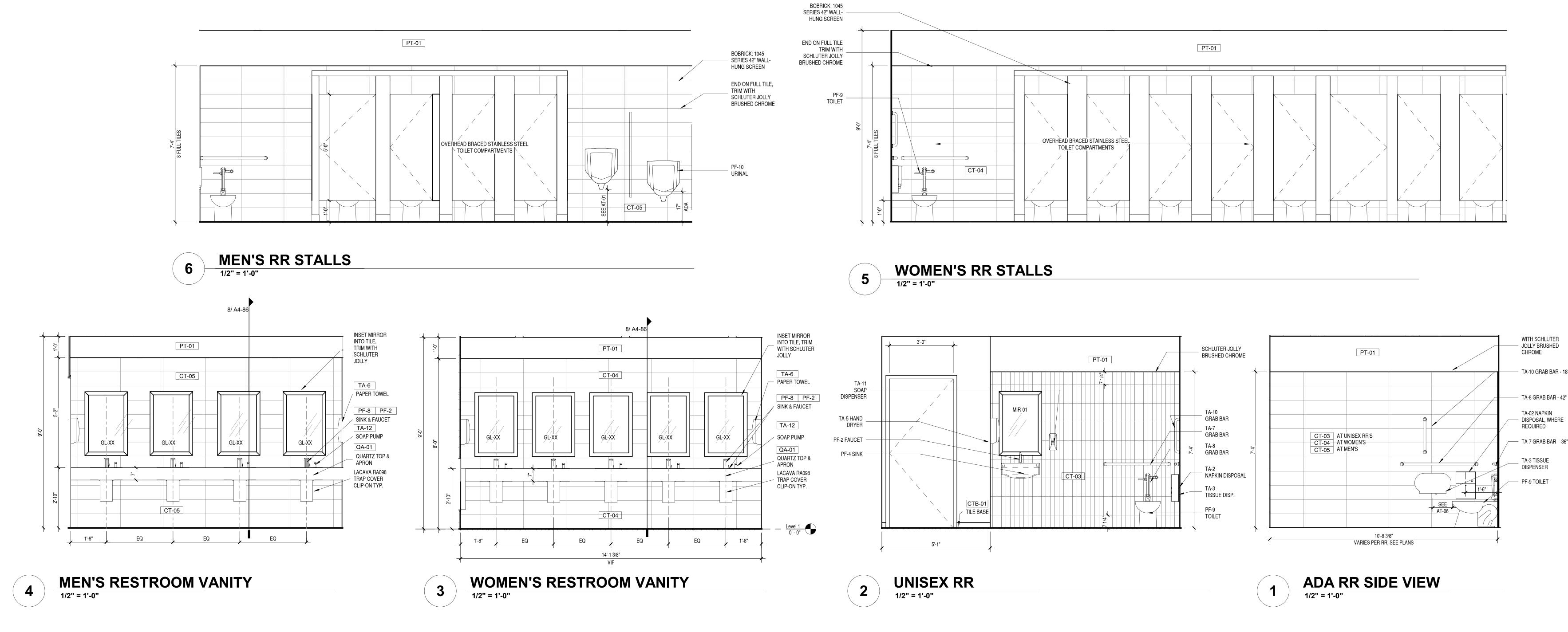


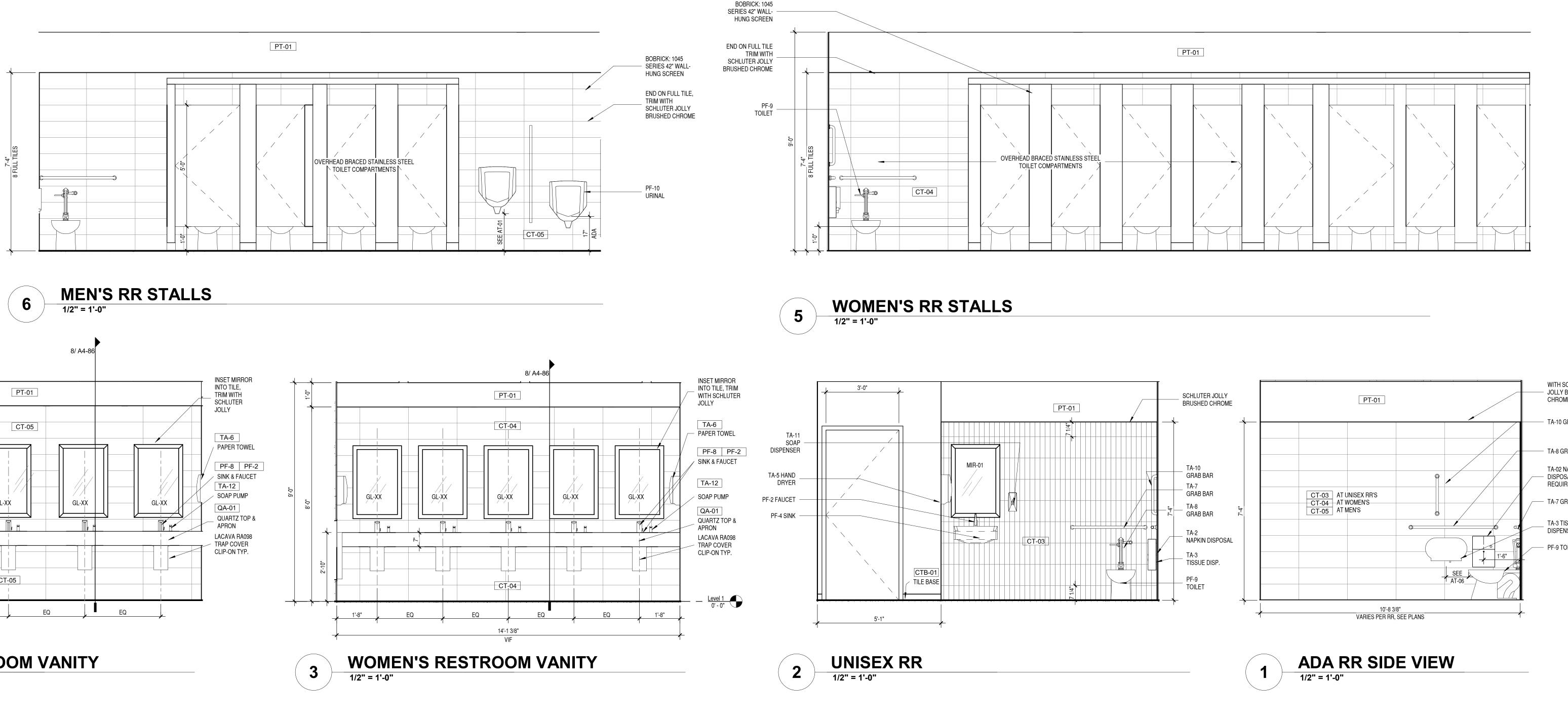


APPL	APPLIANCE SCHEDULE					
TAG:	MANUFACTURER:	PRODUCT TYPE:	PRODUCT NO.:	FINISH:	NOTES:	
AP-1	GE	ADA DISHWASHER	GLDT696JSS	SS	CONTRACTOR TO PROVIDE; COORDINATE SUPPLY AND DRAIN LINES WITH EQUIPMEN	
AP-2	GE	REFRIGERATOR	PSE25KSHSS	SS	CONTRACTOR TO PROVIDE; COORDINATE SUPPLY AND DRAIN LINES WITH EQUIPMEN	
AP-3	PER OWNER	MICROWAVE OVEN	PER OWNER	SS	OWNER TO SUPPLY	
AP-4	FRIGIDAIRE	UNDER COUNTER BEVERAGE COOLER	FFBC4622QS	SS	ADA NOT REQUIRED	
AP-5	PER OWNER	COFFEE MAKER	PER OWNER		PROVIDE WATER LINE, OWNER TO SUPPLY	

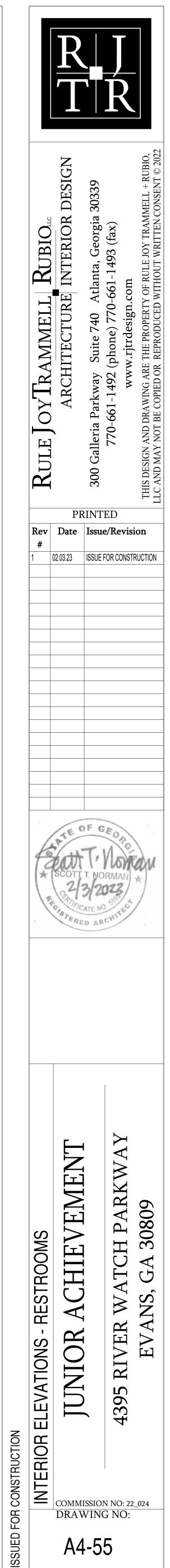






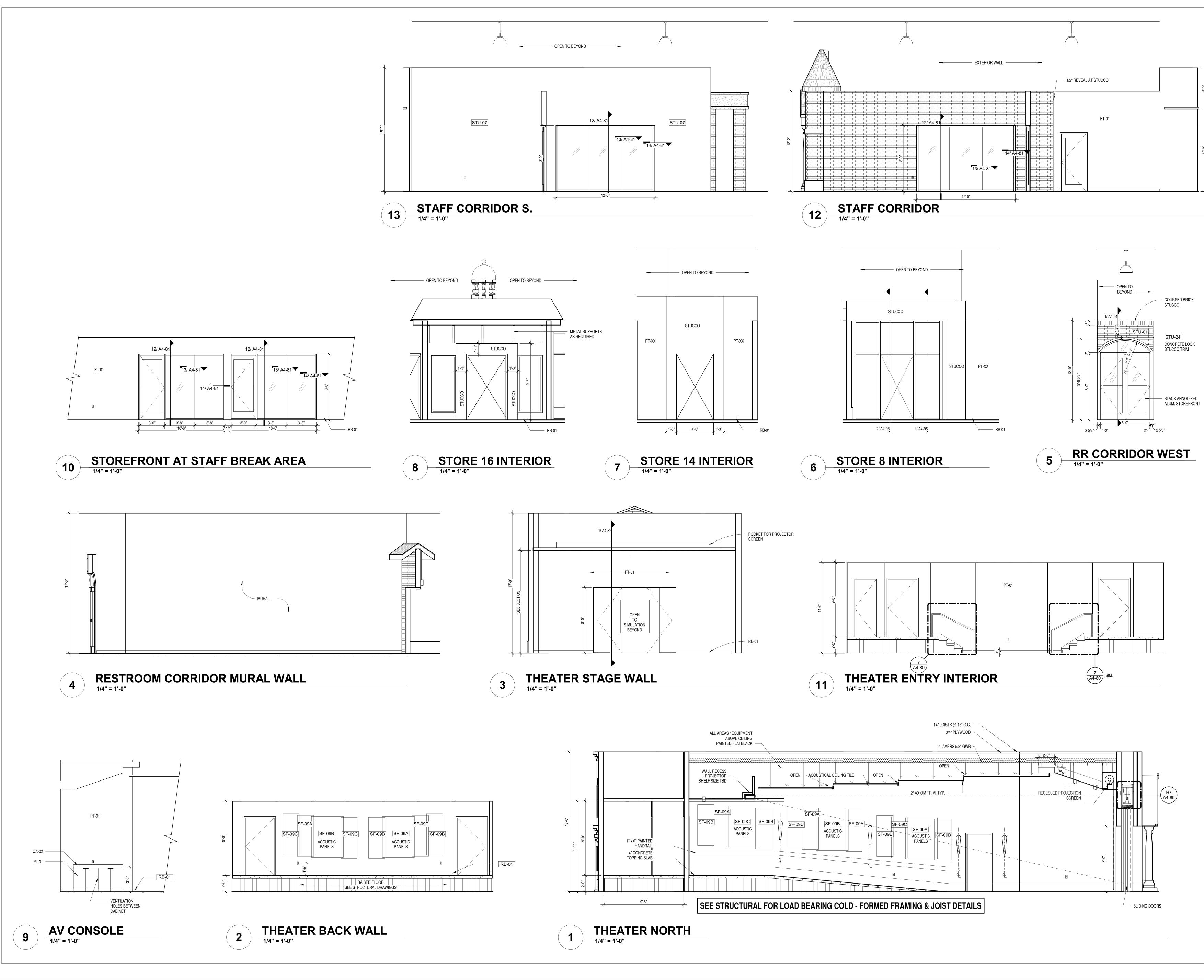


TAG:	MANUFACTURER:	PRODUCT TYPE:	PRODUCT NO.:	FINISH:	LOCATION:	NOTES:
TA-1	BOBRICK	COAT HOOK	B-212	ALUMINUM	ALL RESTROOMS	INSTALL UNIT W/ TOP OF HOOK AT 48" A.F.F. UNITS TO LOCATED BEHIND EACH STALL DOOR AND UNISEX RR I
TA-2	BOBRICK	SANITARY NAPKIN DISPOSAL	B-270	SS		
TA-3	SAN JAMAR	SINGLE ROLL TP DISPENSER	TBD	BLACK PEARL		
TA-4	GEORGIA PACIFIC	DOUBLE ROLL TP DISPENSER	59209	TRANSLUCENT SMOKE		
TA-5	WORLD DRYER	HAND DRYER	VERDE DRI	SS		
TA-6	CASCADES TISSUE	PAPER TOWEL DISPENSER	C225	WHITE		
TA-7	ASI	GRAB BAR		SSS		36" LENGTH
TA-8	ASI	GRAB BAR		SSS		42" LENGTH
TA-9	BOBRICK	RECESSED TRASH	B-43644	SSS		
TA-10	ASI	GRAB BAR		SSS		18" LENGTH
TA-11	DEB STOKO	WALL MOUNTED SOAP DISPENSER	TBD (1 LITER)	WHITE		INSTALL CENTER OF UNIT AT 48" A.F.F.
TA-12		SOAP PUMP AT COUNTER				

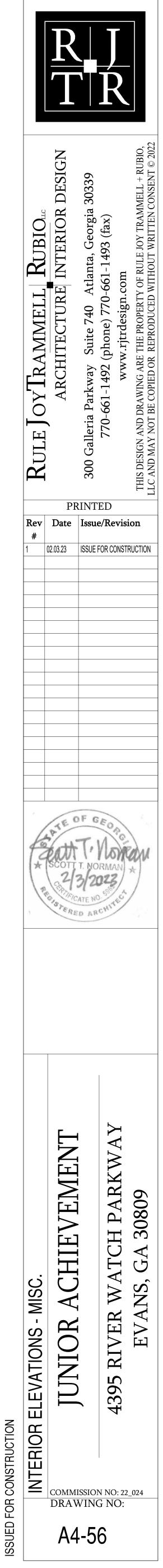


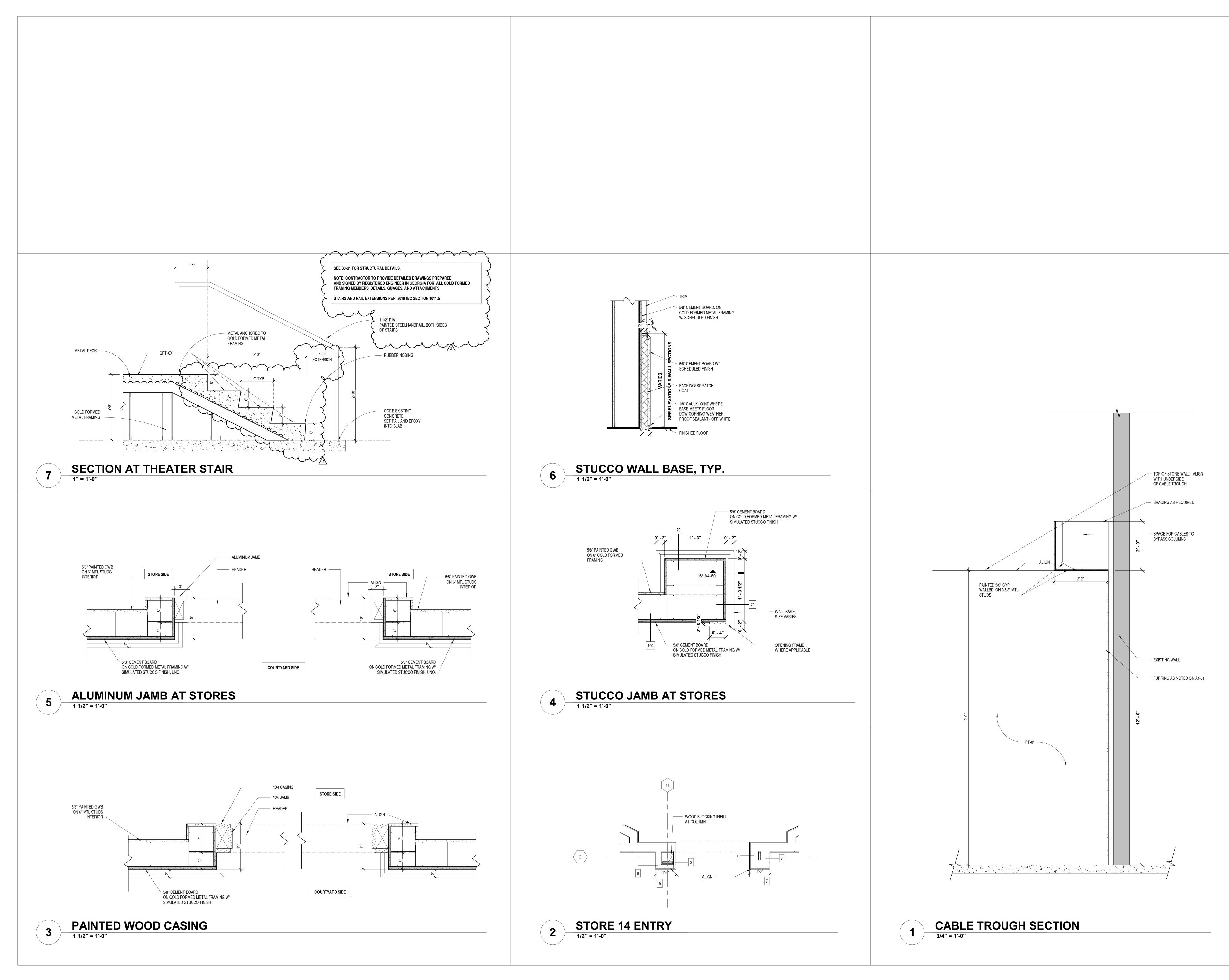
— TA-10 GRAB BAR - 18"

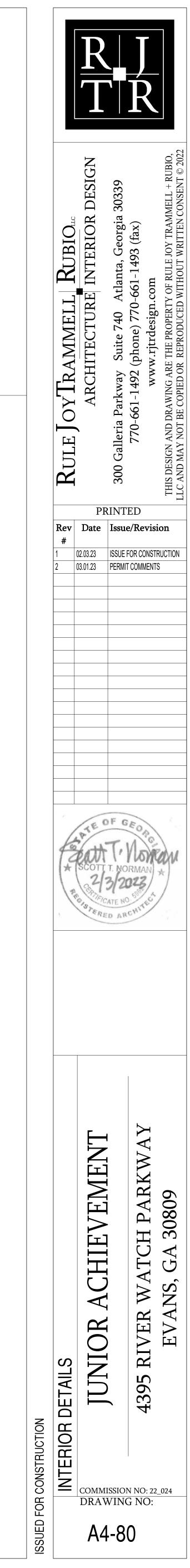
- TA-8 GRAB BAR - 42" - TA-7 GRAB BAR - 36"

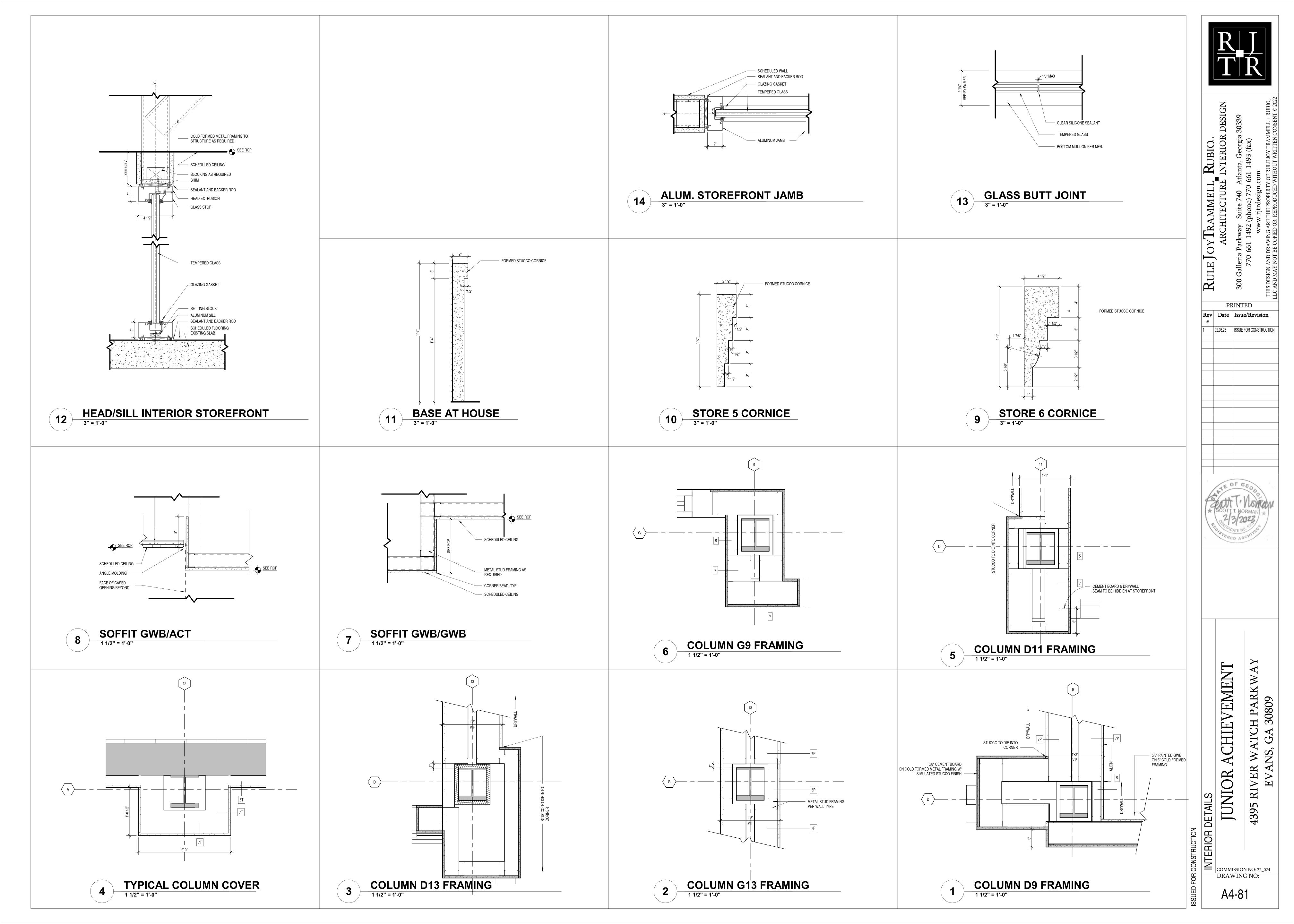


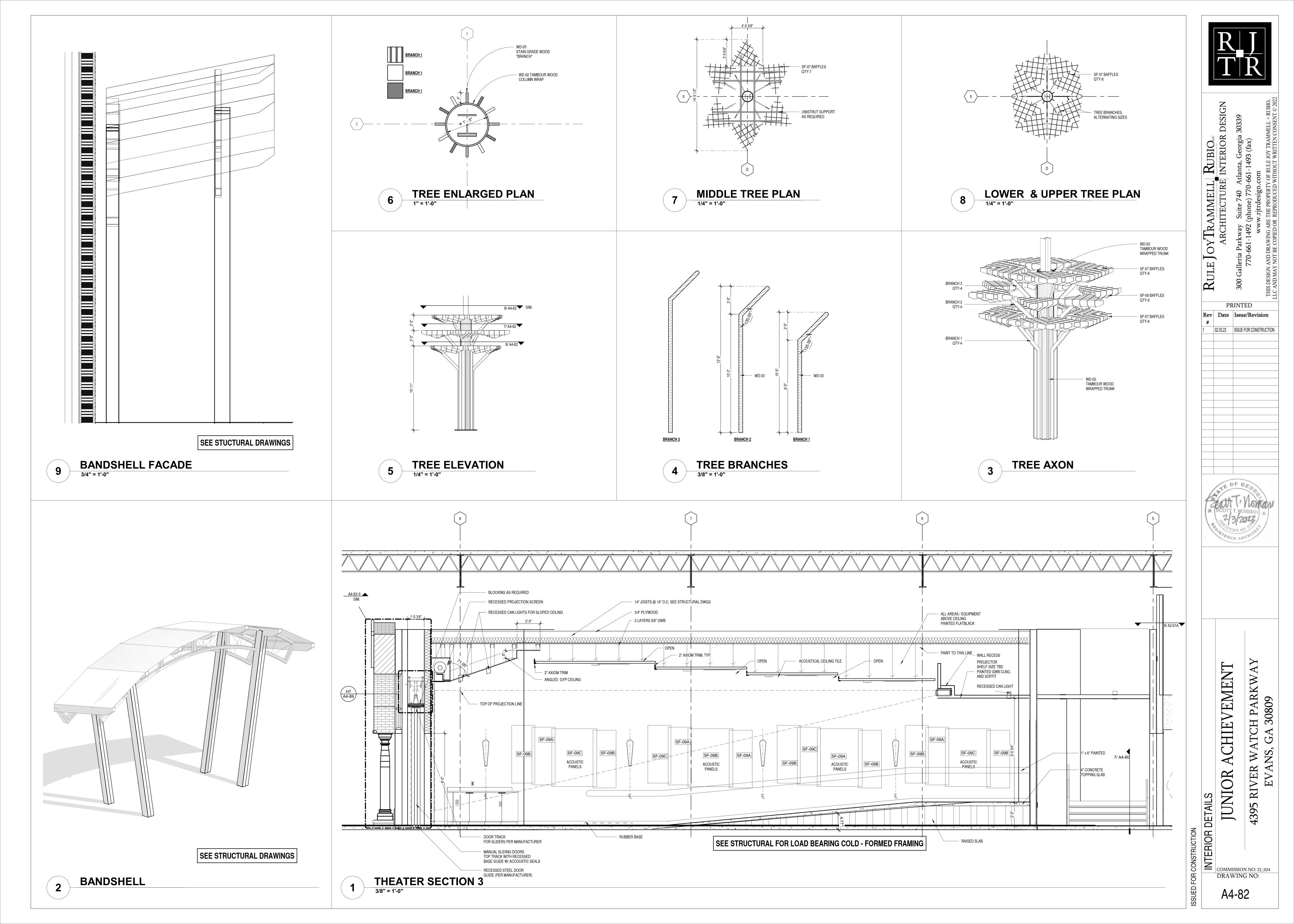


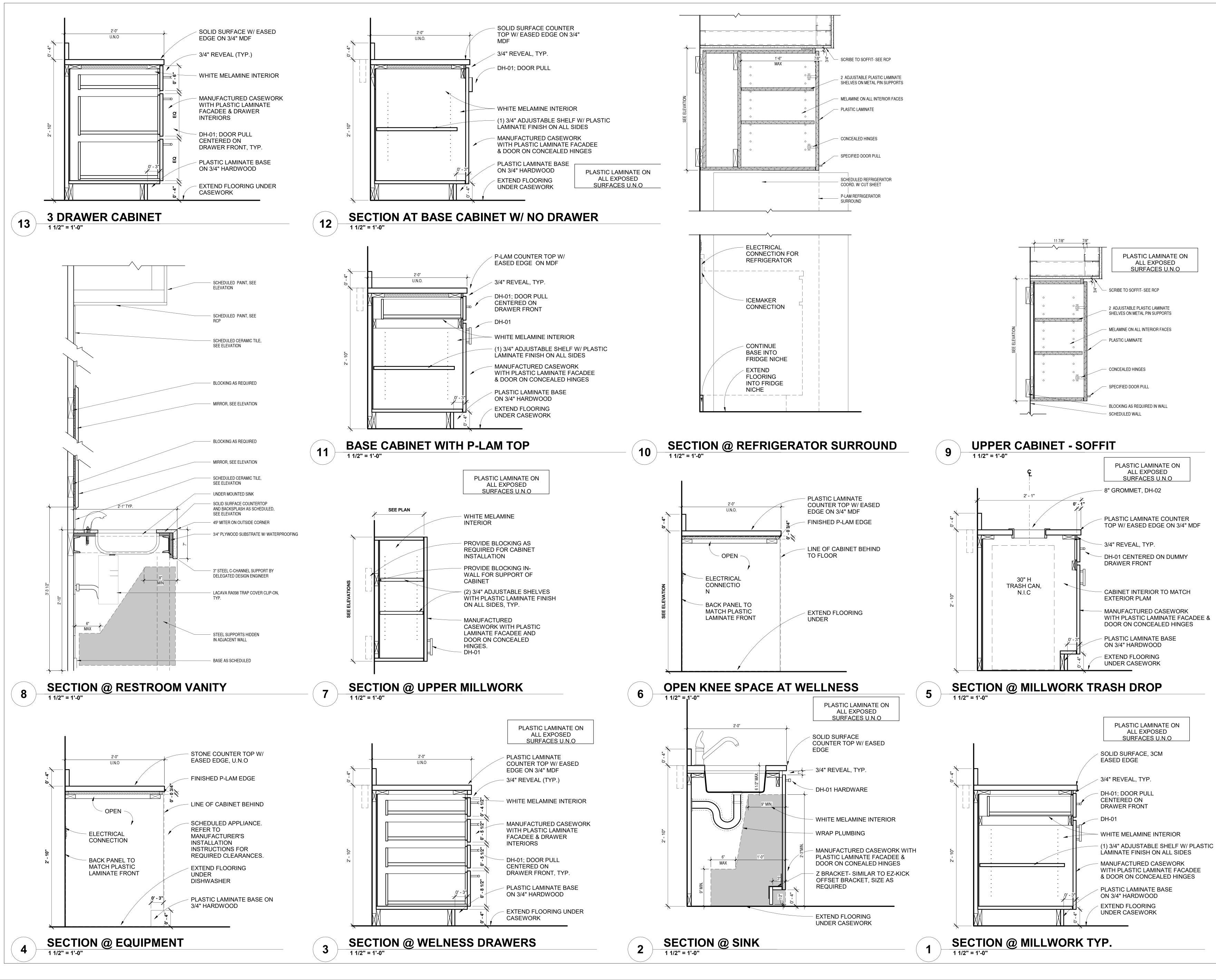


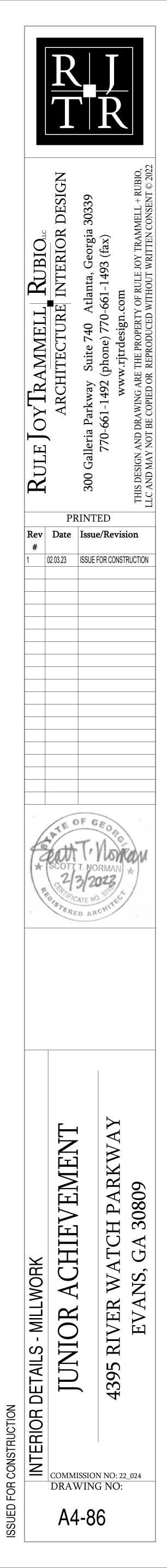


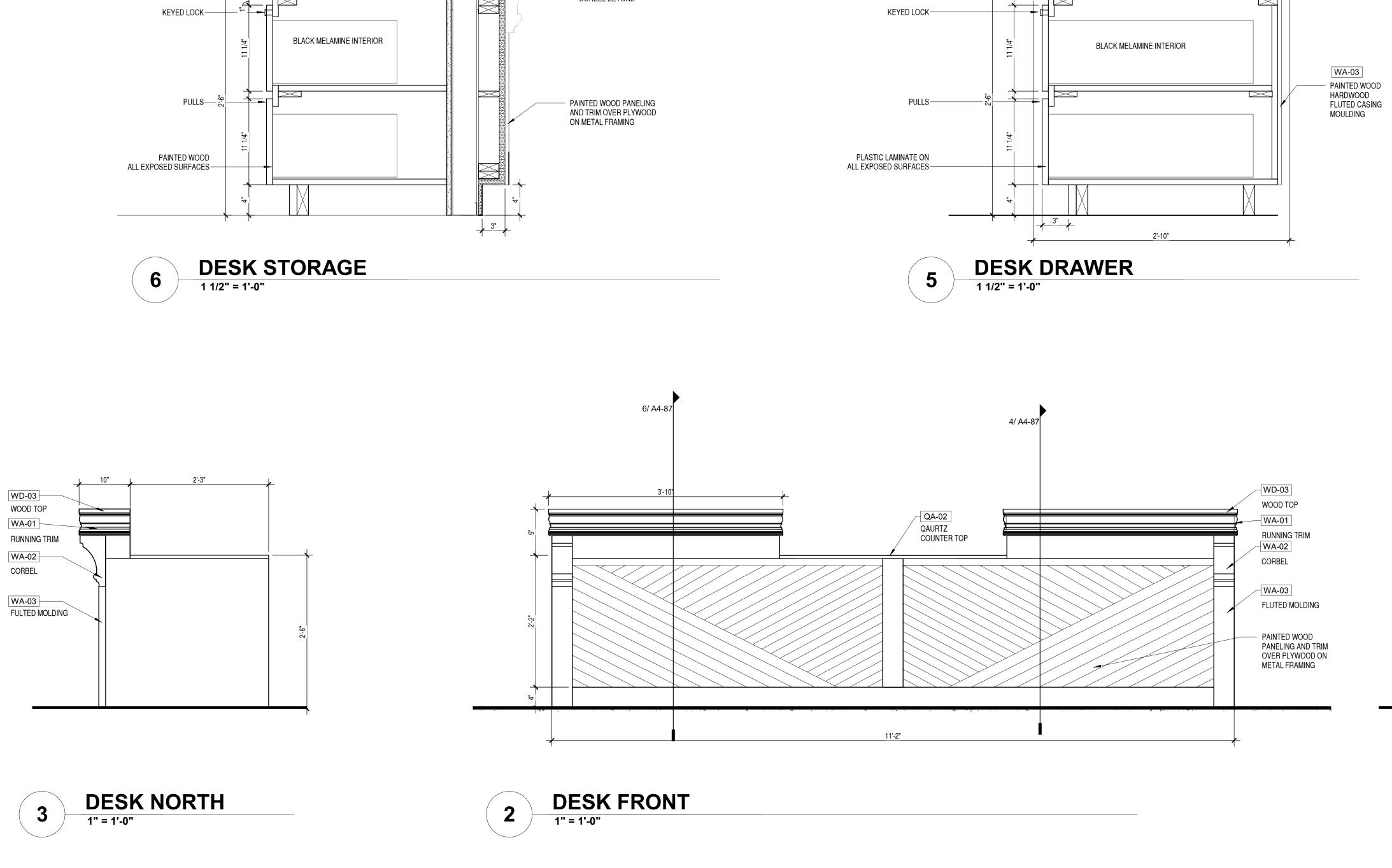




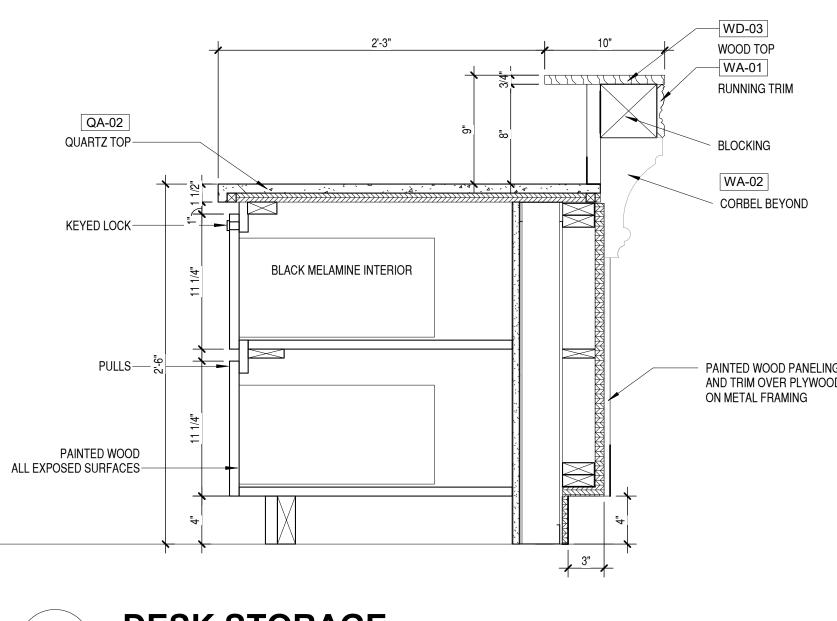


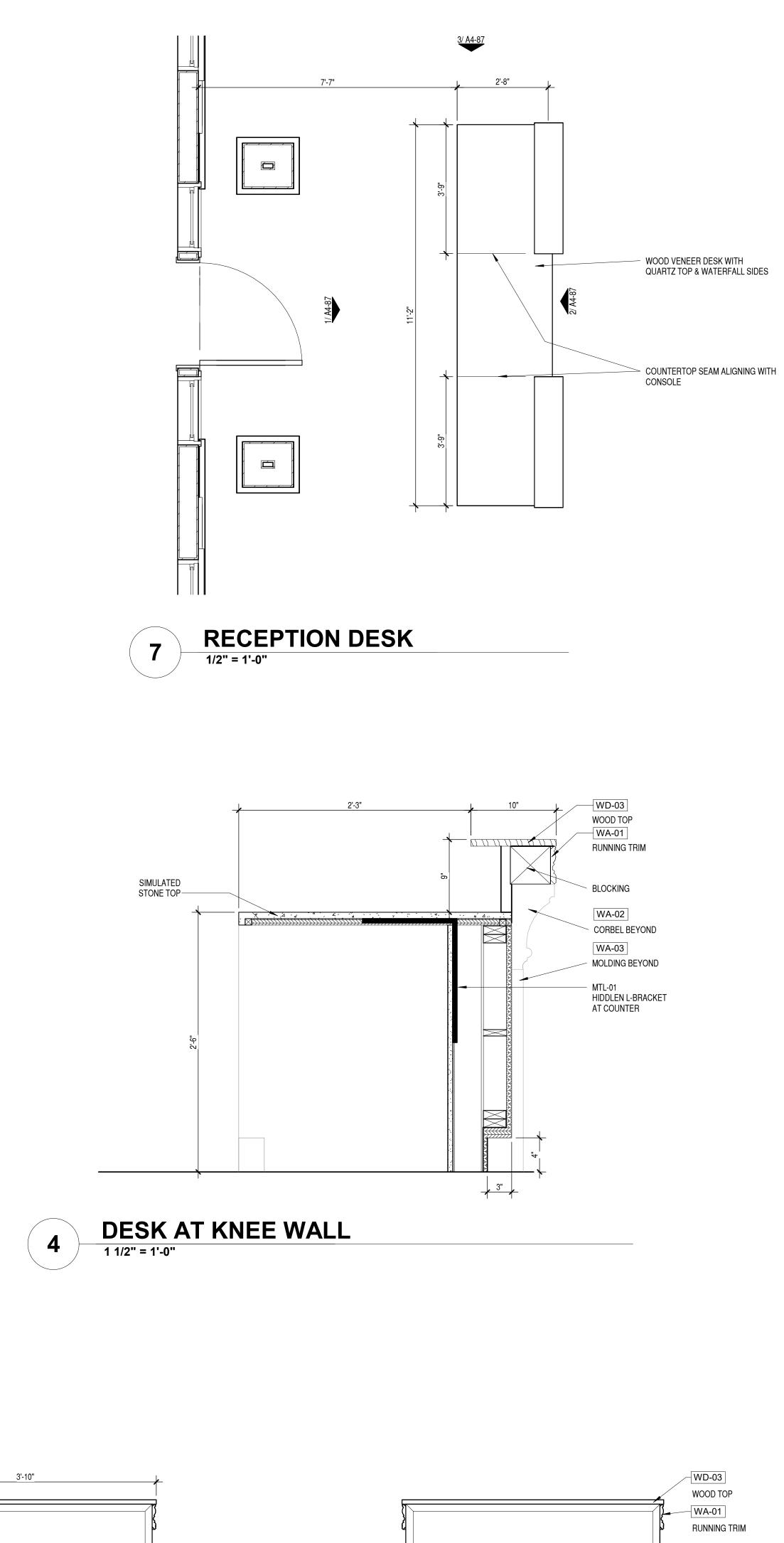


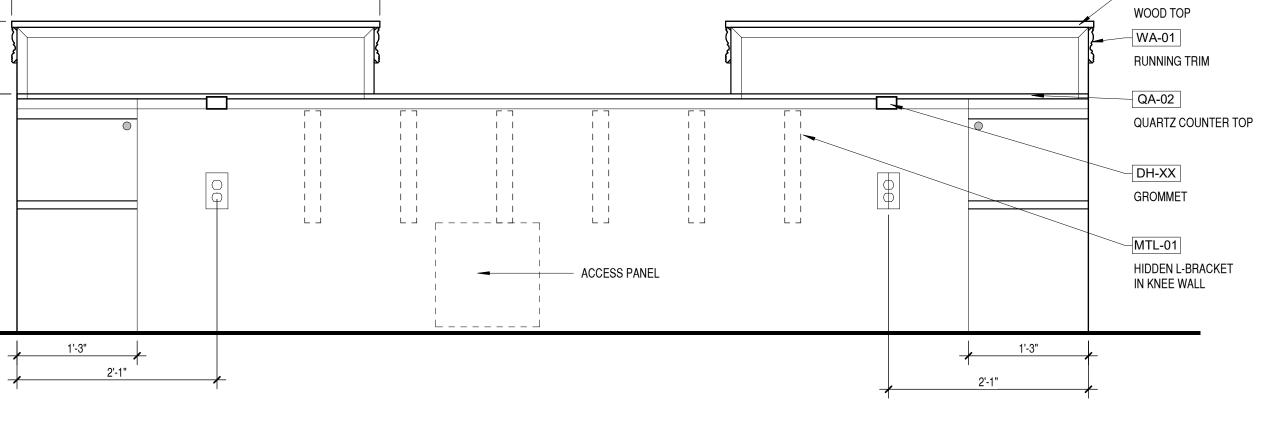




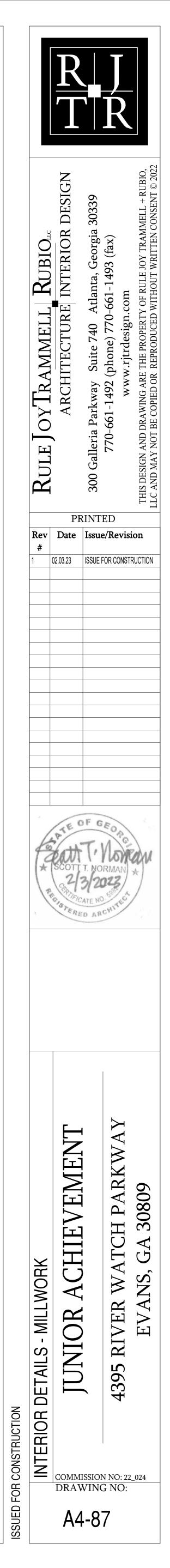
STONE TOP-----

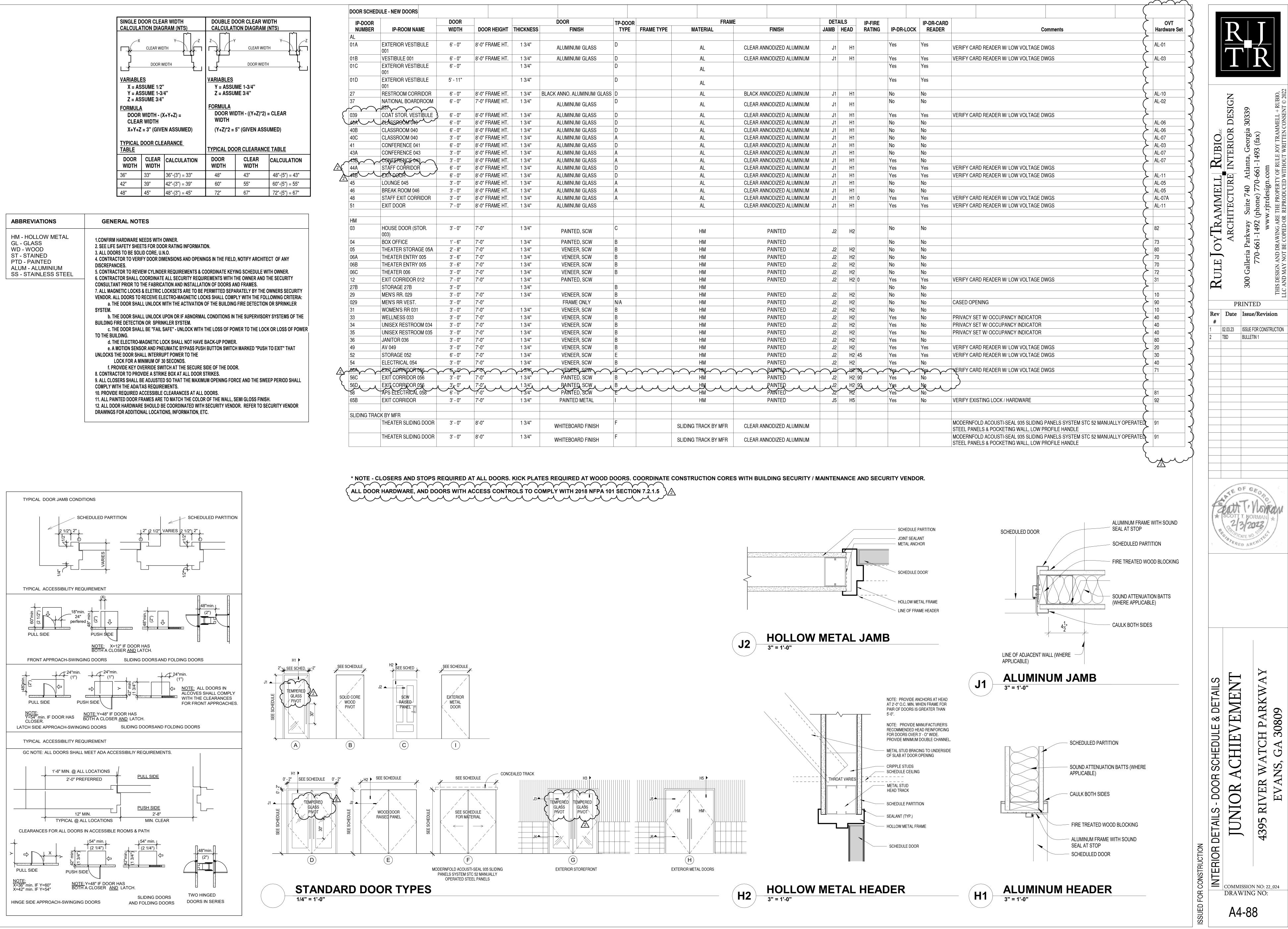




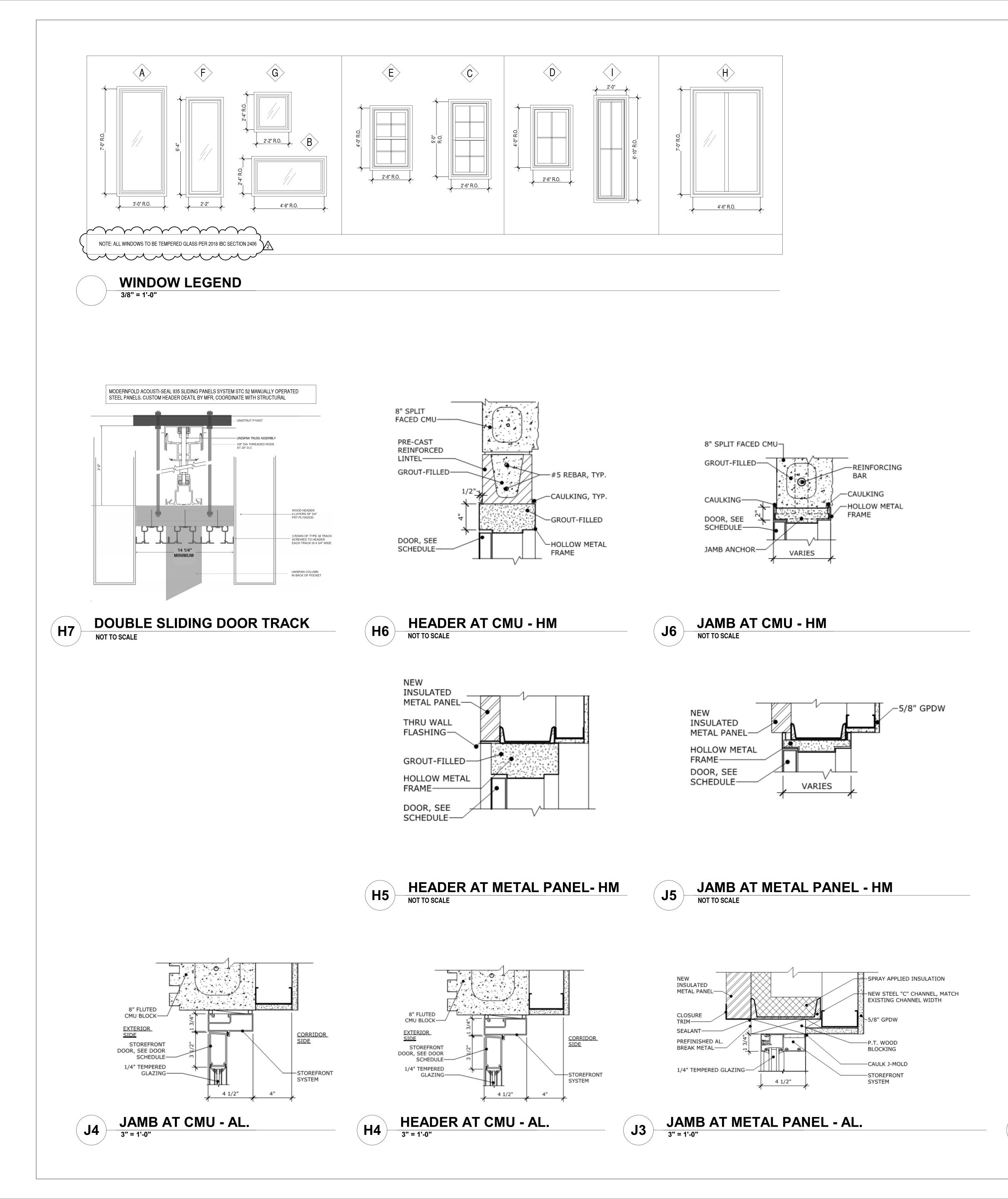


DESK BACK 1" = 1'-0"



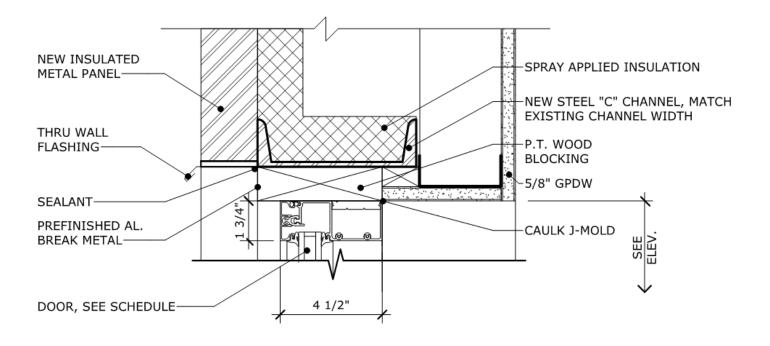


		DOOD			DOOD				
oor IBER	IP-ROOM NAME	Door Width	DOOR HEIGHT	THICKNESS	DOOR FINISH	TP-DOOR TYPE	FRAME TYPE	FRAME MATERIAL	
	EXTERIOR VESTIBULE	6' - 0"	8'-0" FRAME HT.	1 3/4"	ALUMINUM/ GLASS	D		AL	CLEAR ANI
	VESTIBULE 001	6' - 0"	8'-0" FRAME HT.	1 3/4"	ALUMINUM/ GLASS	D		AL	CLEAR ANI
	EXTERIOR VESTIBULE 001	6' - 0"		1 3/4"		D		AL	
	EXTERIOR VESTIBULE 001	5' - 11"		1 3/4"		D		AL	
	RESTROOM CORRIDOR	6' - 0"	8'-0" FRAME HT.	1 3/4"	BLACK ANNO. ALUMINUM/ GLASS	D		AL	BLACK ANI
\sim	NATIONAL BOARDROOM	6' - 0"	7'-0" FRAME HT.	1 3/4"	ALUMINUM/ GLASS	D		AL	CLEAR ANI
	COAT STOR. VESTIBULE	6' - 0"	8'-0" FRAME HT.	1 3/4"	ALUMINUM/ GLASS	D		AL	CLEAR AN
ノ	CLASSROOM 040	6' - 0"	8'-0" FRAME HT.	1 3/4"	ALUMINUM/ GLASS	D		AL	CLEAR ANI
	CLASSROOM 040	6' - 0"	8'-0" FRAME HT.	1 3/4"	ALUMINUM/ GLASS	D		AL	CLEAR ANI
	CLASSROOM 040	3' - 0"	8'-0" FRAME HT.	1 3/4"	ALUMINUM/ GLASS	A		AL	CLEAR ANI
	CONFERENCE 041	6' - 0"	8'-0" FRAME HT.	1 3/4"	ALUMINUM/ GLASS	D		AL	CLEAR AN
	CONFERENCE 043	3' - 0"	8'-0" FRAME HT.	1 3/4"	ALUMINUM/ GLASS	A		AL	CLEAR AN
\frown	CONFERENCE 043	3' - 0"	8'-0" FRAME HT.	1 3/4"	ALUMINUM/ GLASS	A		AL	CLEAR AN
	STAFF CORRIDOR	6' - 0"	8'-0" FRAME HT.	1 3/4"		D		AL	CLEAR AN
	EXTROOR	6' - 0"	8'-0" FRAME HT.	1 3/4"		D		AL	CLEAR AN
	LOUNGE 045	3' - 0"	8'-0" FRAME HT.	1 3/4"	ALUMINUM/ GLASS	A		AL	CLEAR AN
	BREAK ROOM 046	3' - 0"	8'-0" FRAME HT.	1 3/4"	ALUMINUM/ GLASS	A		AL	CLEAR AN
	STAFF EXIT CORRIDOR EXIT DOOR	3' - 0" 7' - 0"	8'-0" FRAME HT. 8'-0" FRAME HT.	1 3/4" 1 3/4"	ALUMINUM/ GLASS ALUMINUM/ GLASS	A		AL AL	CLEAR ANI CLEAR ANI
	HOUSE DOOR (STOR. 003)	3' - 0"	7'-0"	1 3/4"	PAINTED, SCW	С		НМ	
	BOX OFFICE	1' - 6"	7'-0"	1 3/4"	PAINTED, SCW	В		НМ	
	THEATER STORAGE 05A	2' - 8"	7'-0"	1 3/4"	VENEER, SCW	В		НМ	
	THEATER ENTRY 005	3' - 6"	7'-0"	1 3/4"	VENEER, SCW	В		НМ	
	THEATER ENTRY 005	3' - 6"	7'-0"	1 3/4"	VENEER, SCW	В		НМ	
	THEATER 006	3' - 0"	7'-0"	1 3/4"	VENEER, SCW	В		НМ	
	EXIT CORRIDOR 012	7' - 0"	7'-0"	1 3/4"	PAINTED, SCW			НМ	
	STORAGE 27B	3' - 0"		1 3/4"		В		НМ	
	MEN'S RR. 029	3' - 0"	7'-0"	1 3/4"	VENEER, SCW	В		HM	
	MEN'S RR VEST.	3' - 0"	7'-0"		FRAME ONLY	N/A		НМ	
	WOMEN'S RR 031	3' - 0"	7'-0"	1 3/4"	VENEER, SCW	В		HM	
	WELLNESS 033	3' - 0"	7'-0"	1 3/4"	VENEER, SCW	В		HM	
	UNISEX RESTROOM 034	3' - 0"	7'-0"	1 3/4"	VENEER, SCW	В		НМ	
	UNISEX RESTROOM 035	3' - 0"	7'-0"	1 3/4"	VENEER, SCW	В		НМ	
	JANITOR 036	3' - 0"	7'-0"	1 3/4"	VENEER, SCW	В		HM	
	AV 049	3' - 0"	7'-0"	1 3/4"	VENEER, SCW	В		НМ	
	STORAGE 052	6' - 0"	7'-0"	1 3/4"	VENEER, SCW	E		НМ	
	ELECTRICAL 054	3' - 0"	7'-0"	1 3/4"	VENEER, SCW	В		НМ	
\sim	EXH CORRIDOR 056	~6'-0"	7-0-	1/3/4	VENEERSOW	-F	\sim		$\sim\sim\sim$
1	EXIT CORRIDOR 056	3' - 0"	7'-0"	1 3/4"	PAINTED, SCW	В		HM	1
	EXIT CORRIDOR 056 APS ELECTRICAL 058	<u>3', 0"</u> 6' - 0"	7'-0"	1 3/4"	PAINTED, SCW	B	· · · · ·	HM	
	EXIT CORRIDOR	3' - 0"	7'-0"	1 3/4"	PAINTED METAL	1		HM	
	CK BY MFR	- *				-			
	THEATER SLIDING DOOR	3' - 0"	8'-0"	1 3/4"		F			
	THEATER SLIDING DOOR	3 - 0	8'-0"	1 3/4	WHITEBOARD FINISH			SLIDING TRACK BY MFR	CLEAR ANI

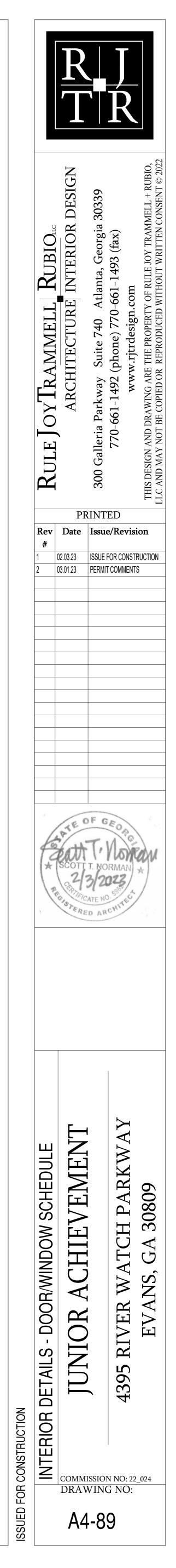


			WINDOW SCH	EDULE - NEW WIND	OWS
Type Mark	Rough Height	Rough Width	MAIN AREA	Comments	Description
A					
A	7' - 0"	3' - 0"	STORE 12		WOOD FRAMED FIXED SNGL WINDOW
A	7' - 0"	3' - 0"	STORE 12		WOOD FRAMED FIXED SNGL WINDOW
A	7' - 0"	3' - 0"	STORE 16		WOOD FRAMED FIXED SNGL WINDOW
A	7' - 0"	3' - 0"	STORE 16		WOOD FRAMED FIXED SNGL WINDOW
В	1	1	1		
В	2' - 4"	4' - 8"	STORE 6		WOOD FRAMED FIXED SNGL WINDOW
В	2' - 4"	4' - 8"	STORE 7		WOOD FRAMED FIXED SNGL WINDOW
С			11		, ,
С	5' - 0"	2' - 6"	ENTRY HOUSE		WOOD FRAMED, DOUBLE HUNG, PANED
С	5' - 0"	2' - 6"	ENTRY HOUSE		WOOD FRAMED, DOUBLE HUNG, PANED
D		1	1		
D	4' - 0"	2' - 6"	BOARD ROOM		WOOD FRAMED FIXED SNGL WINDOW, PANED
D	4' - 0"	2' - 6"	BOARD ROOM		WOOD FRAMED FIXED SNGL WINDOW, PANED
D	4' - 0"	2' - 6"	BOARD ROOM		WOOD FRAMED FIXED SNGL WINDOW, PANED
D	4' - 0"	2' - 6"	BOARD ROOM		WOOD FRAMED FIXED SNGL WINDOW, PANED
D	4' - 0"	2' - 6"	BOARD ROOM		WOOD FRAMED FIXED SNGL WINDOW, PANED
D	4' - 0"	2' - 6"	THEATER		WOOD FRAMED FIXED SNGL WINDOW, PANED
D	4' - 0"	2' - 6"	THEATER		WOOD FRAMED FIXED SNGL WINDOW, PANED
D	4' - 0"	2' - 6"	THEATER		WOOD FRAMED FIXED SNGL WINDOW, PANED
D	4' - 0"	2' - 6"	THEATER		WOOD FRAMED FIXED SNGL WINDOW, PANED
E	1	1			
E	4' - 0"	2' - 6"	ENTRY HOUSE		WOOD FRAMED, DOUBLE HUNG, PANED
E	4' - 0"	2' - 6"	ENTRY HOUSE		WOOD FRAMED, DOUBLE HUNG, PANED
E	4' - 0"	2' - 6"	ENTRY HOUSE		WOOD FRAMED, DOUBLE HUNG, PANED
F	1	1			
F	2' - 2"	6' - 4"	STORE 6		WOOD FRAMED FIXED SNGL WINDOW
F	2' - 2"	6' - 4"	STORE 6		WOOD FRAMED FIXED SNGL WINDOW
F	2' - 2"	6' - 4"	STORE 7		WOOD FRAMED FIXED SNGL WINDOW
F	2' - 2"	6' - 4"	STORE 7		WOOD FRAMED FIXED SNGL WINDOW
G		1			
G	1' - 2"	2' - 0"	BOARD ROOM		WOOD FRAMED FIXED SNGL WINDOW
G	2' - 4"	2' - 2"	STORE 6		WOOD FRAMED FIXED SNGL WINDOW
G	2' - 4"	2' - 2"	STORE 6		WOOD FRAMED FIXED SNGL WINDOW
G	2' - 4"	2' - 2"	STORE 7		WOOD FRAMED FIXED SNGL WINDOW
G	2' - 4"	2' - 2"	STORE 7		WOOD FRAMED FIXED SNGL WINDOW
Н	1	1	1 1		'
Н	7' - 0"	4' - 6"	STORE 11		WOOD FRAMED FRENCH CASEMENT (CENTER STILE
Н	7' - 0"	4' - 6"	STORE 11		WOOD FRAMED FRENCH CASEMENT (CENTER STILE
		,	·		
	6' - 10"	2' - 0"	ENTRY		WOOD FRAMED FIXED SNGL WINDOW, PANED
	6' - 10"	2' - 0"	ENTRY		WOOD FRAMED FIXED SNGL WINDOW, PANED
Grand total: 33	1	1			

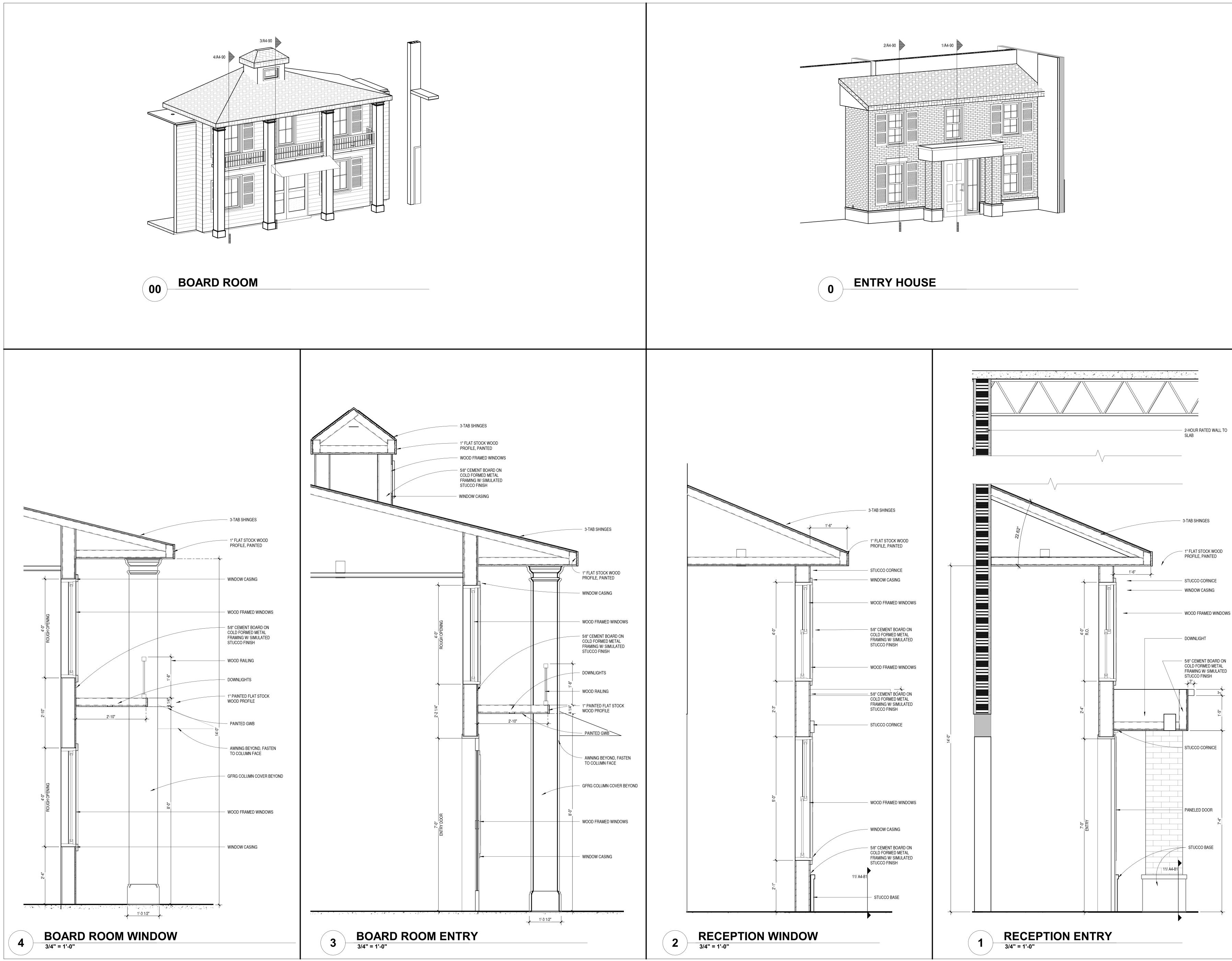
NOTE: ALL WINDOWS TO BE TEMPERED GLASS PER 2018 IBC SECTION 2406

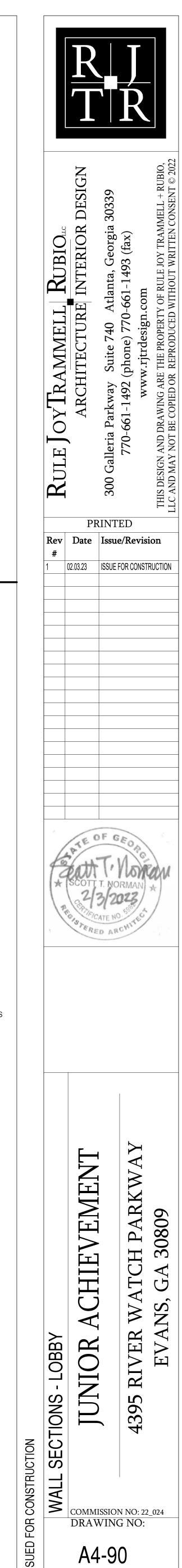


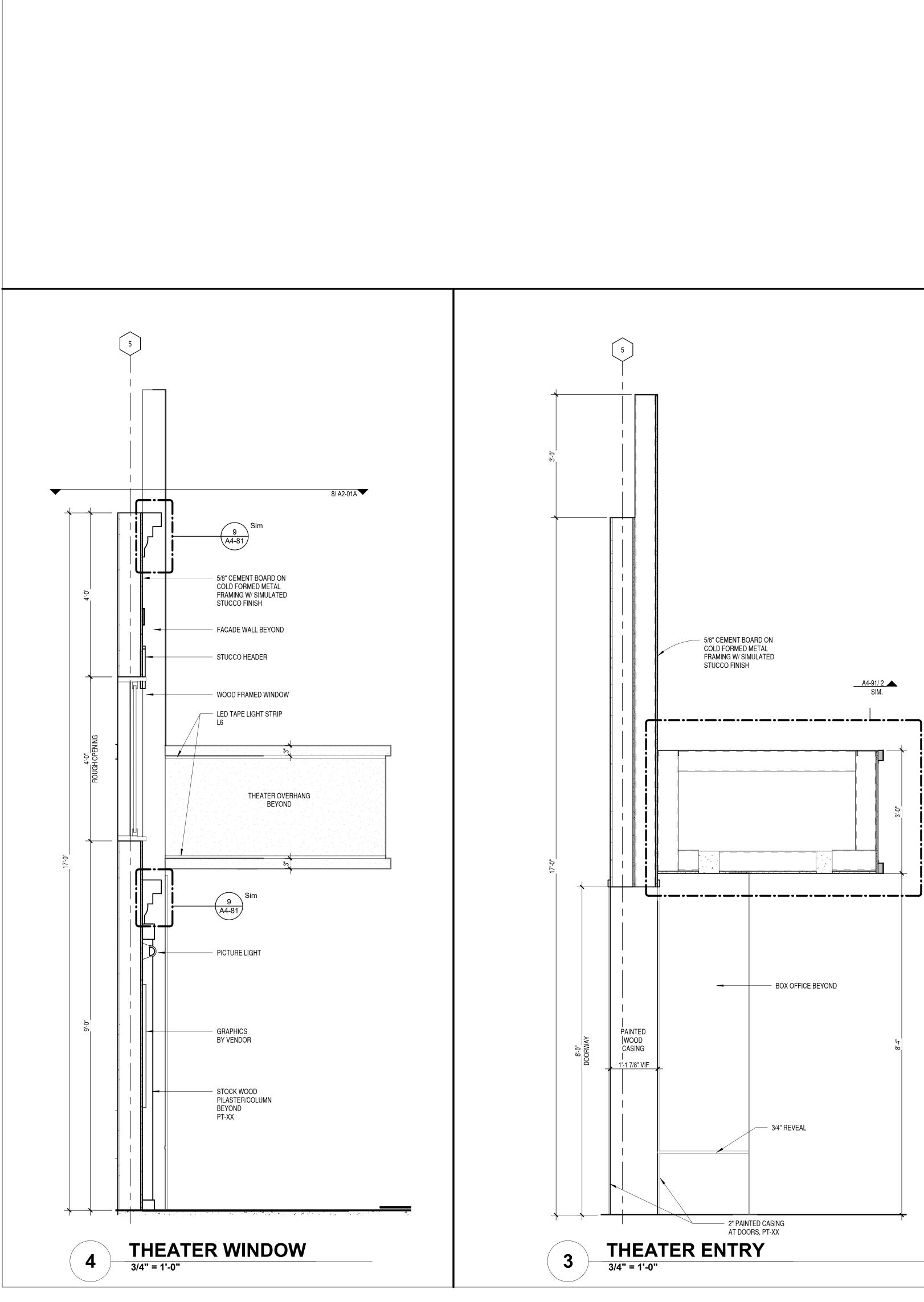


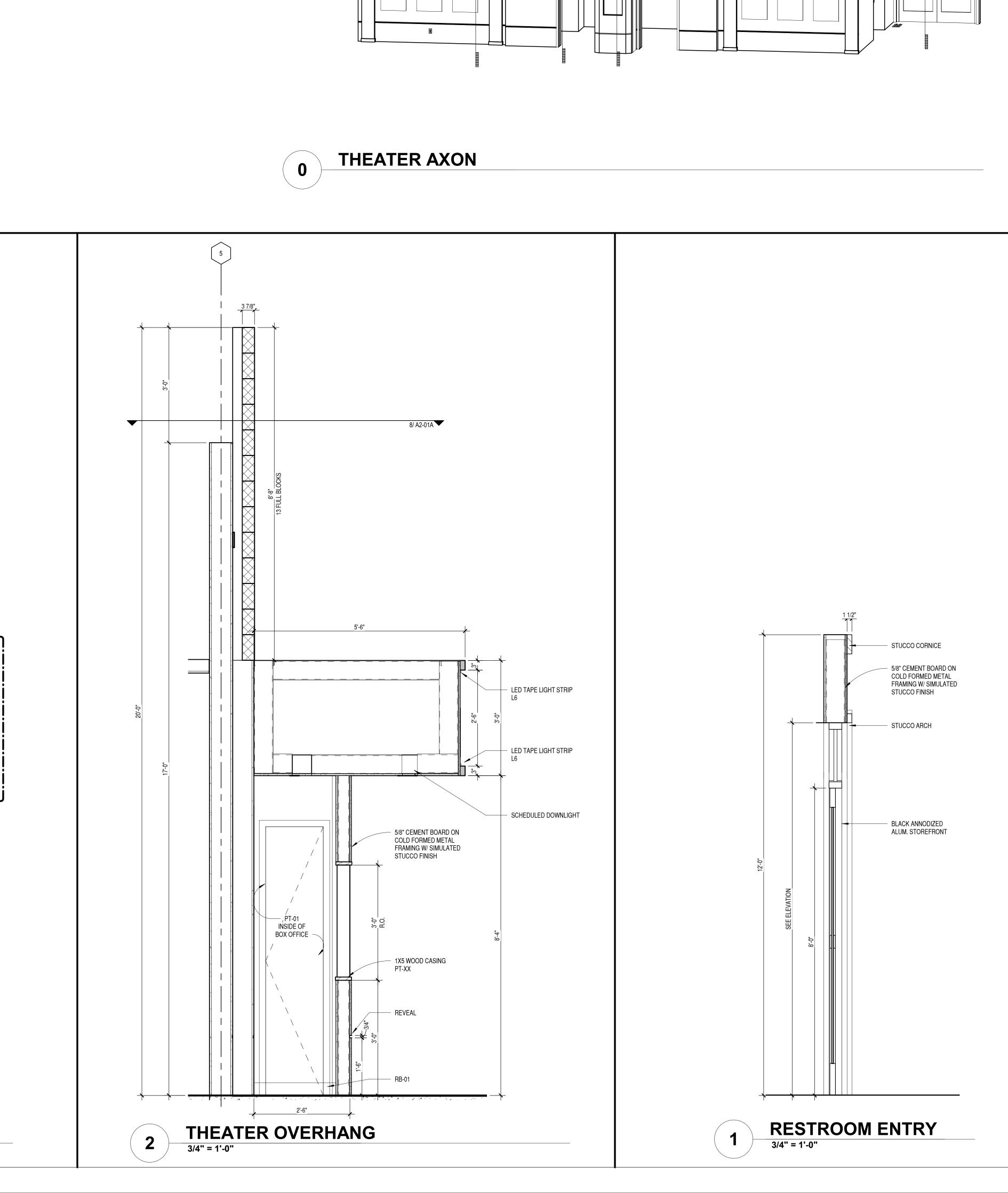


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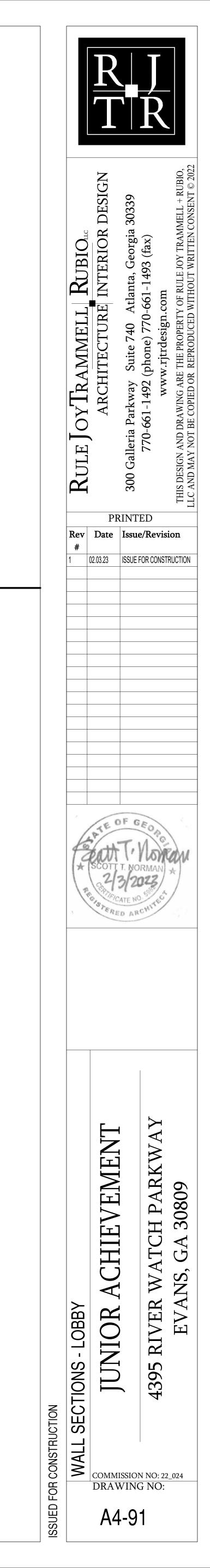


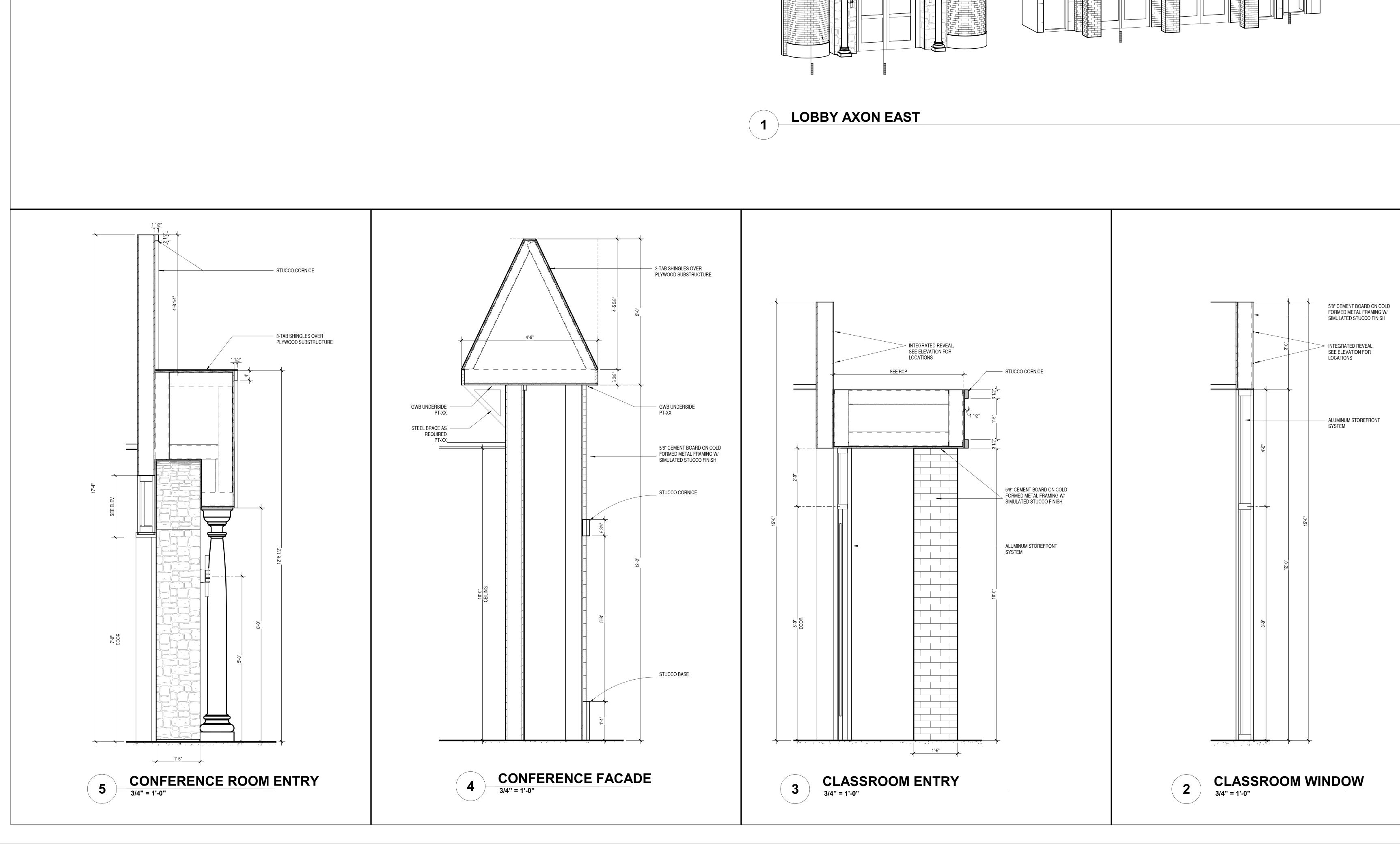


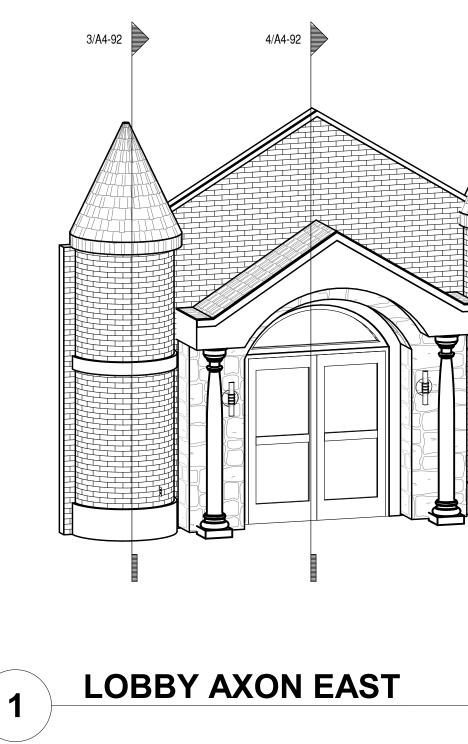


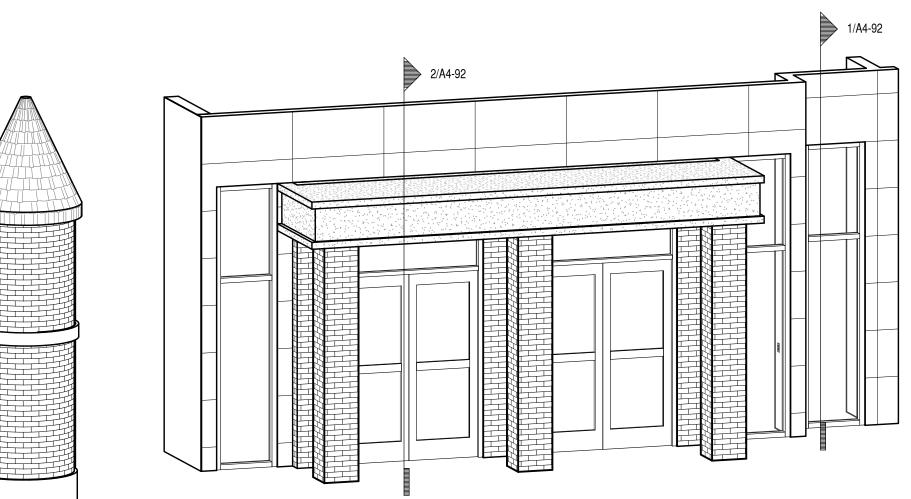


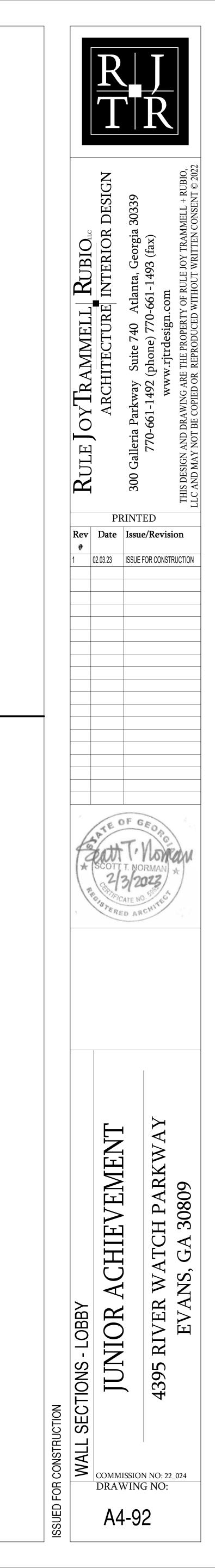


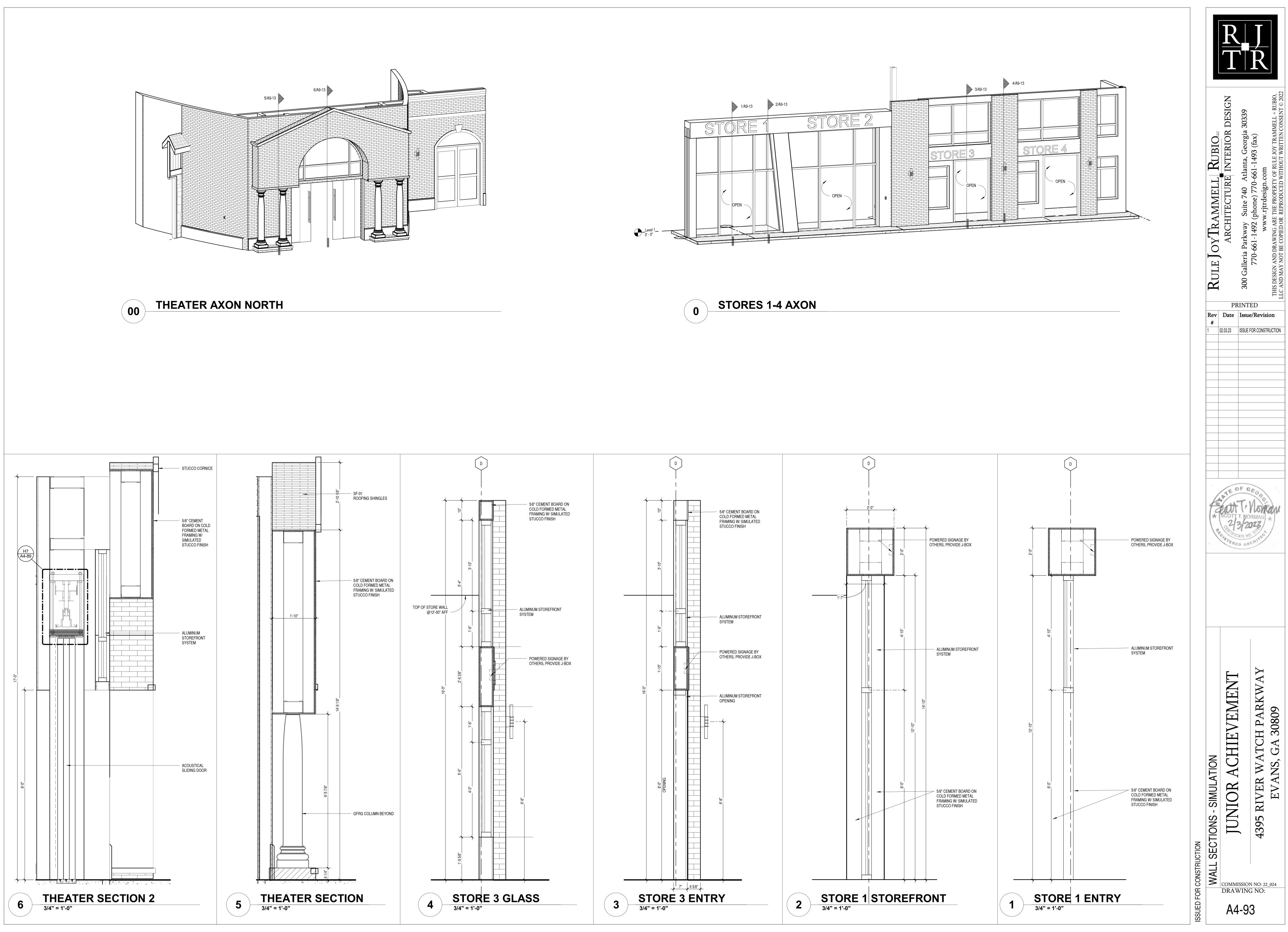




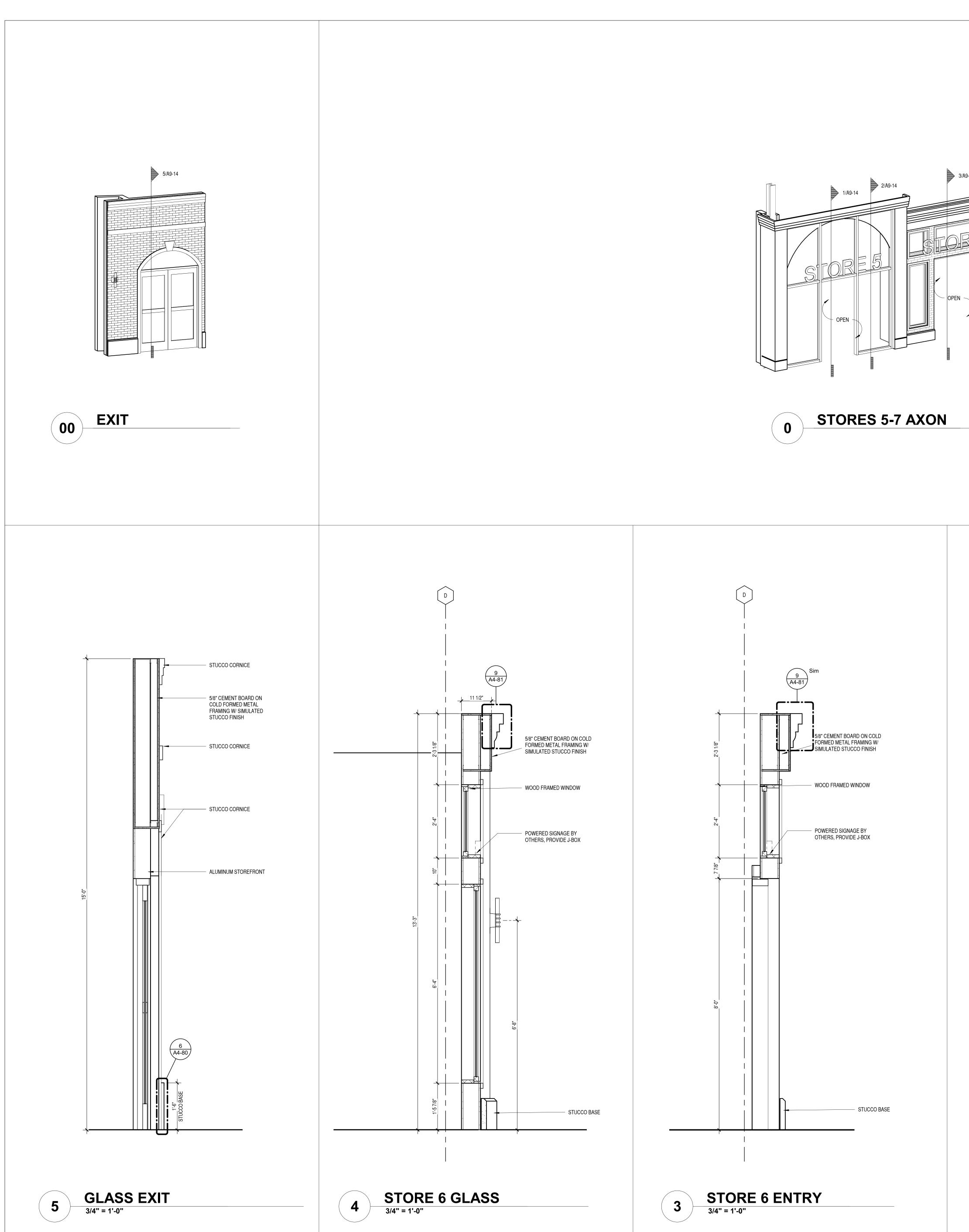


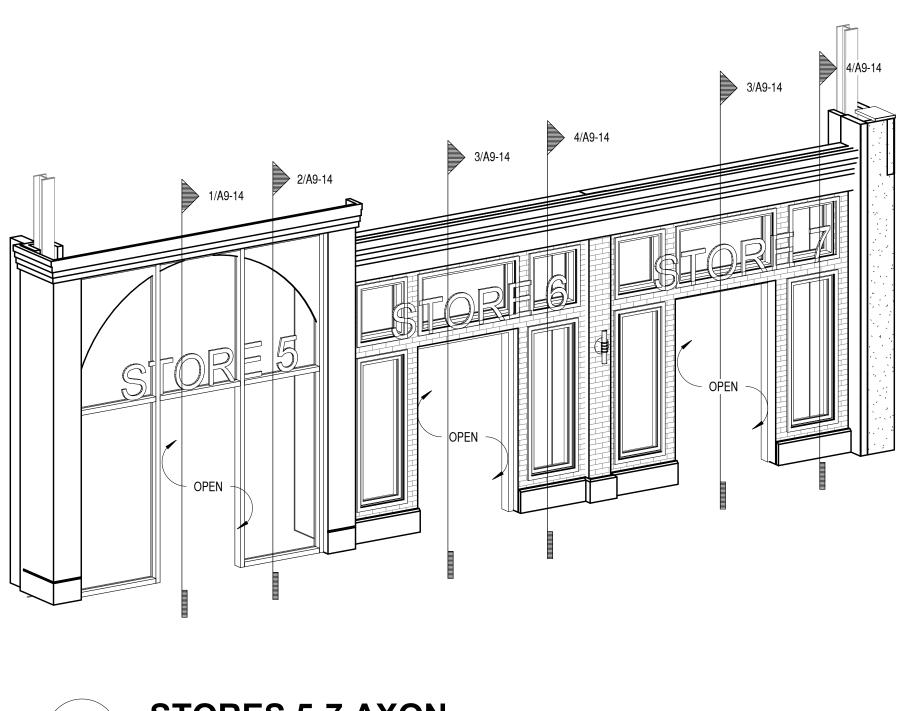






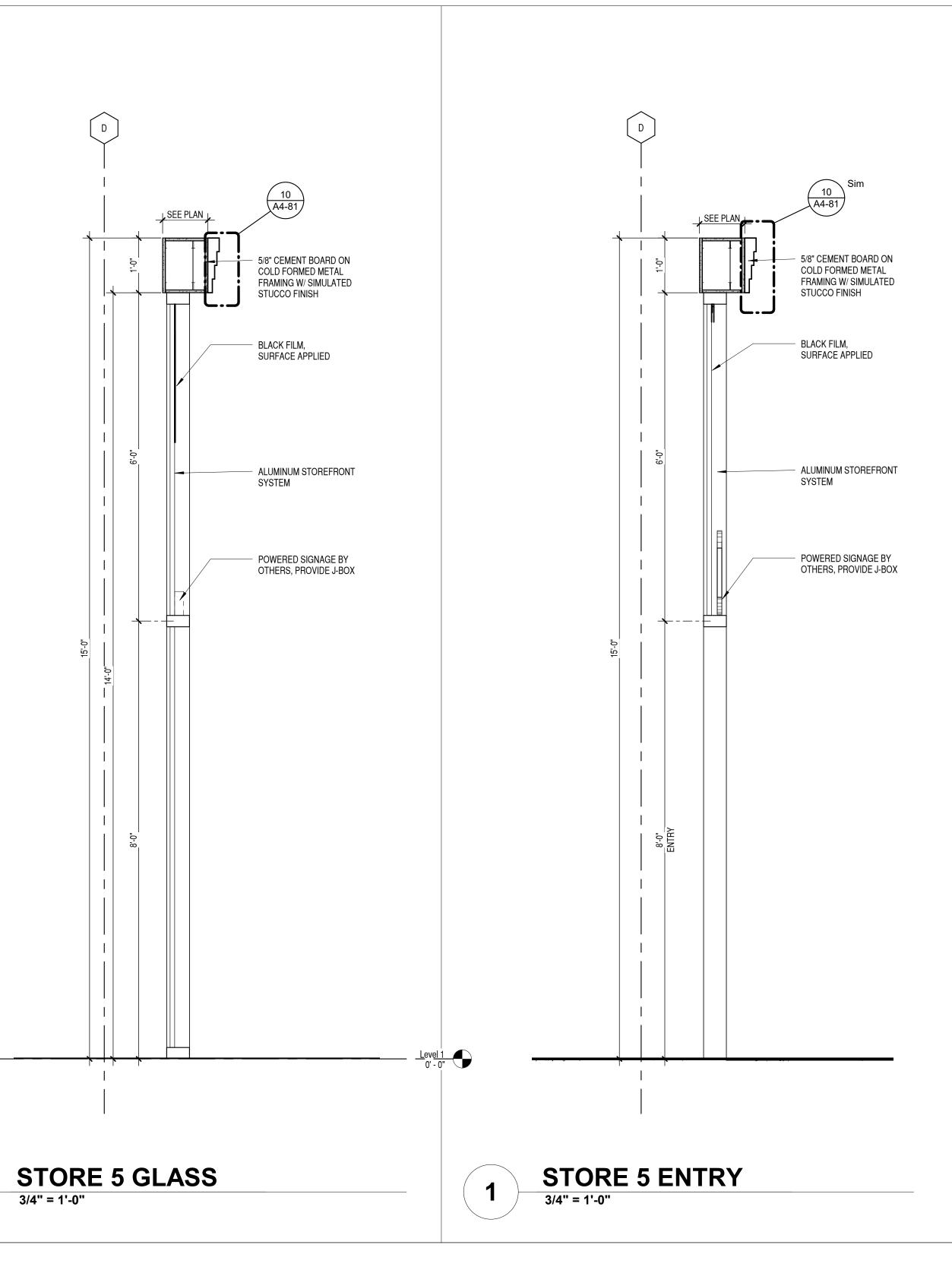


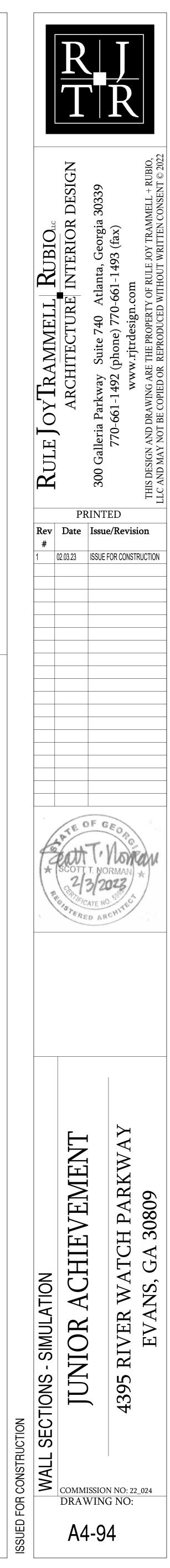




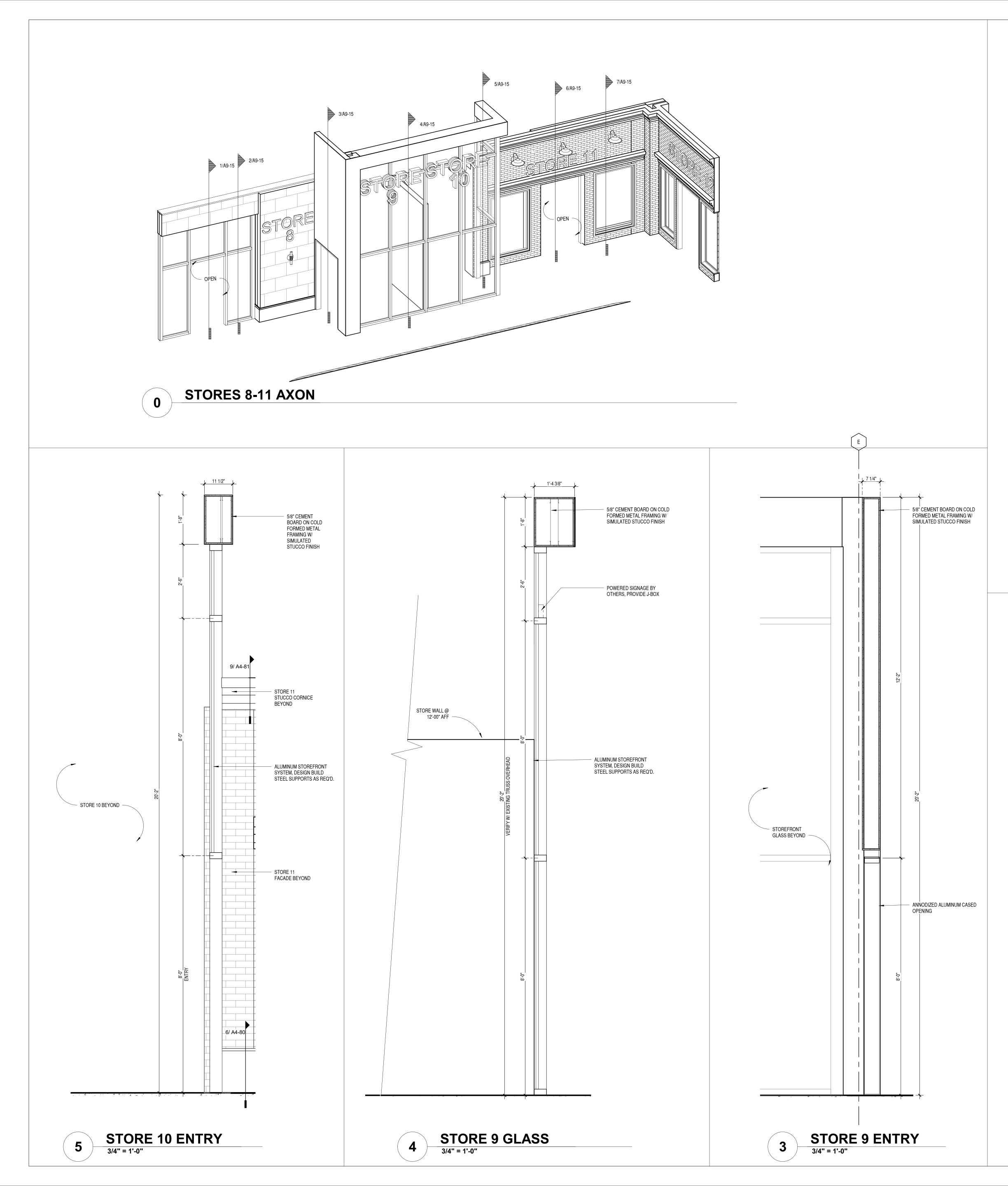
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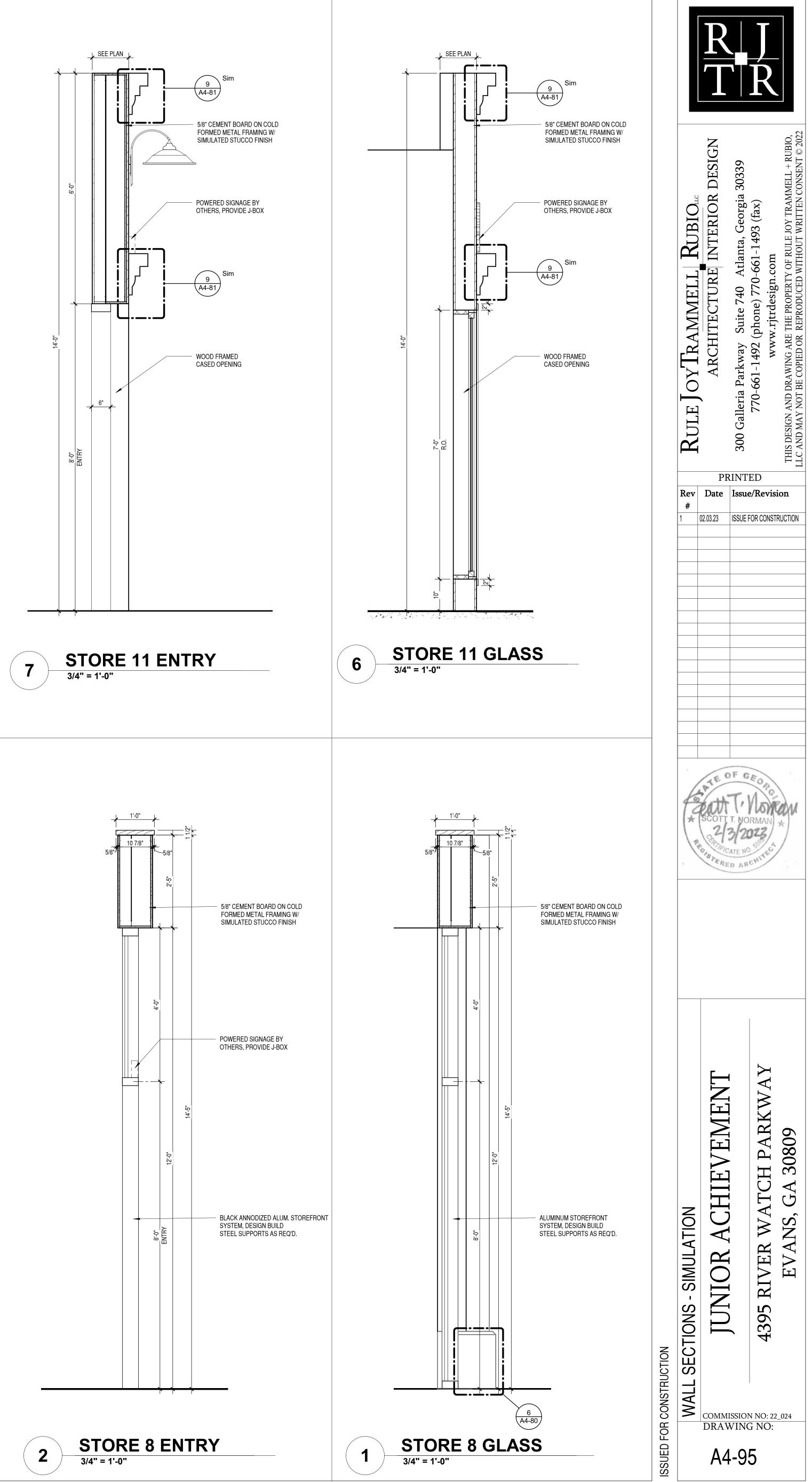


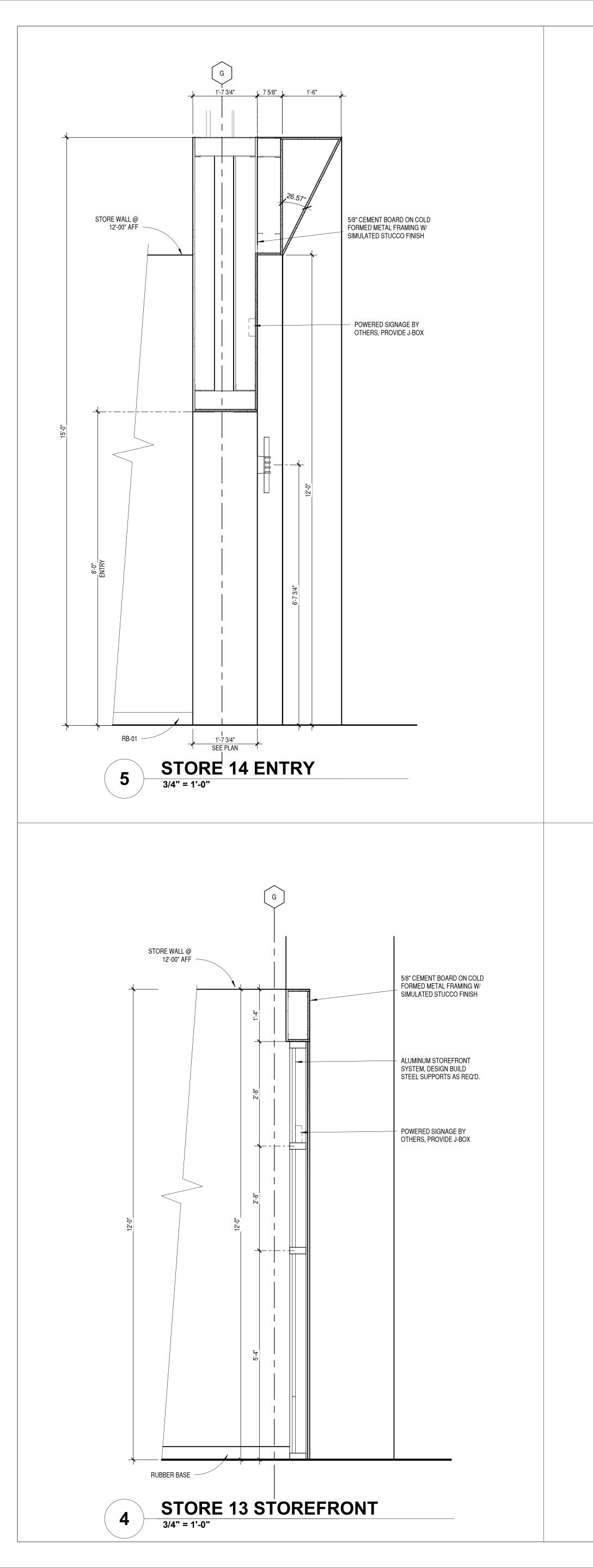


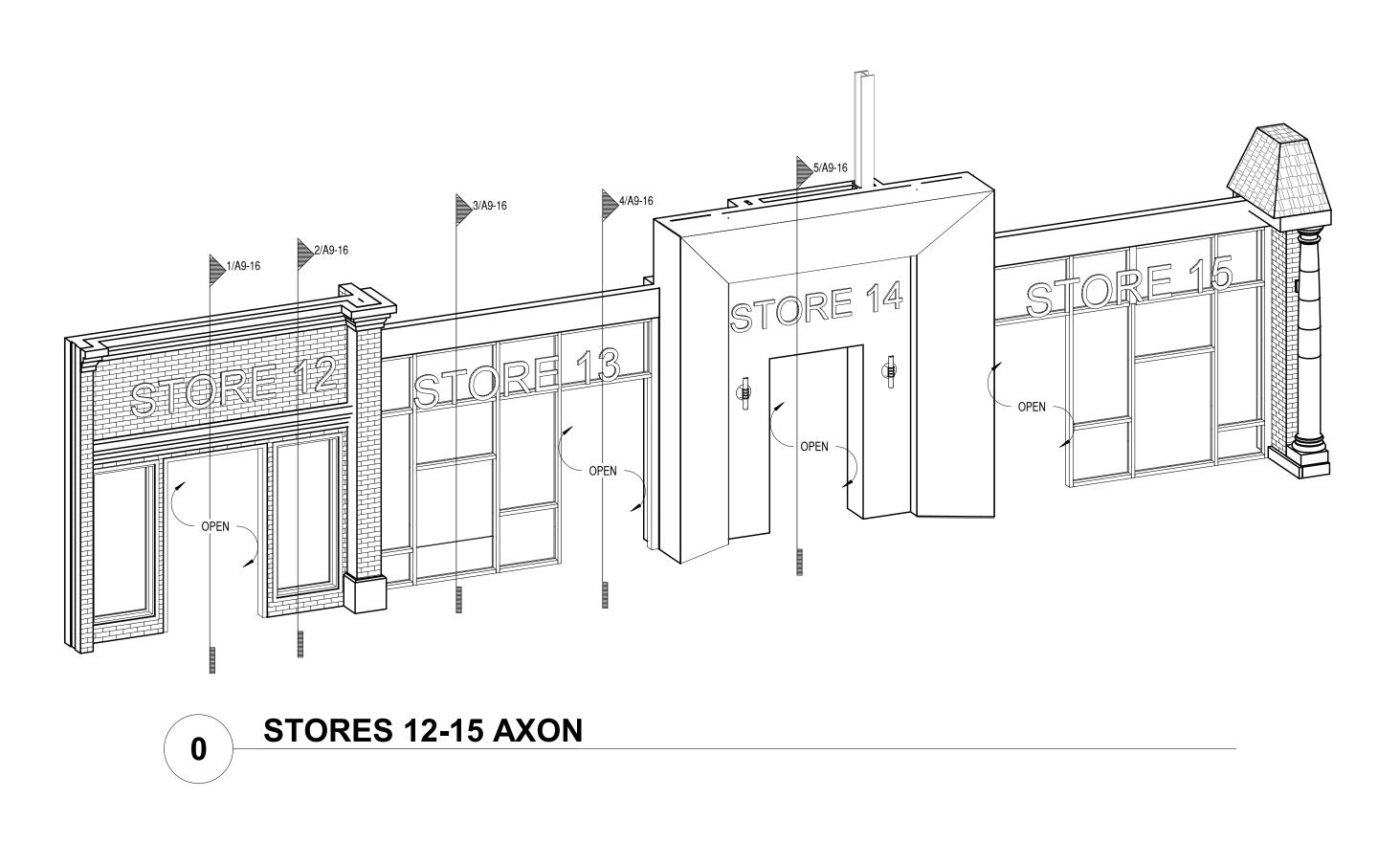


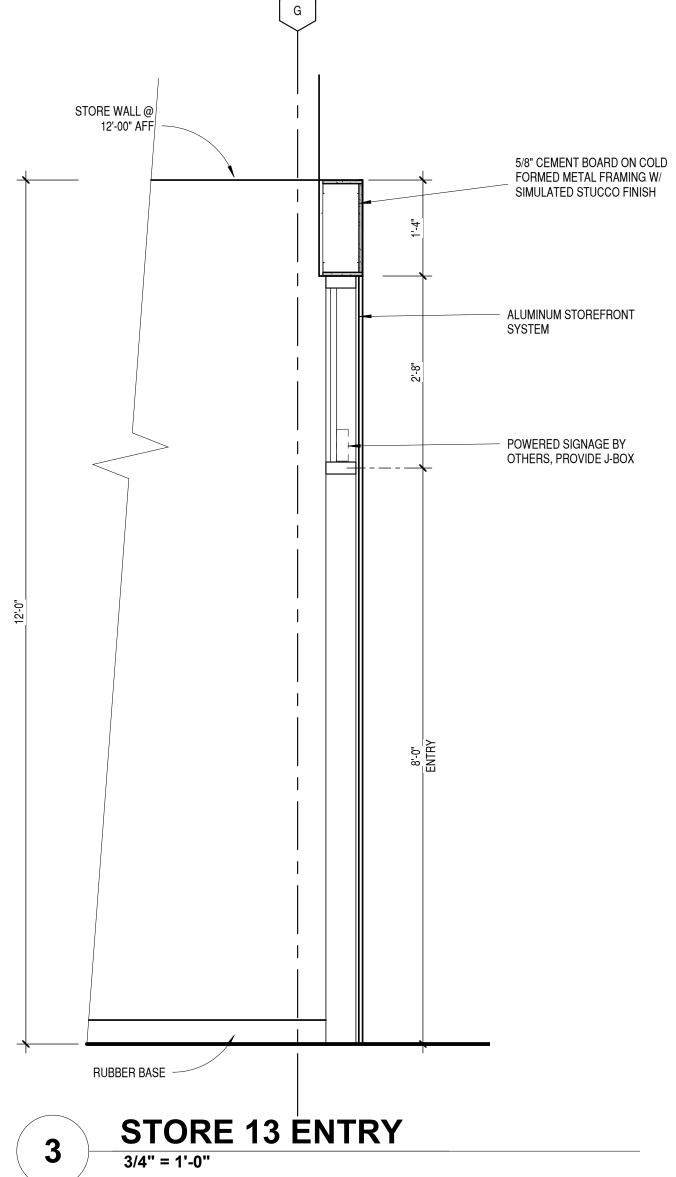
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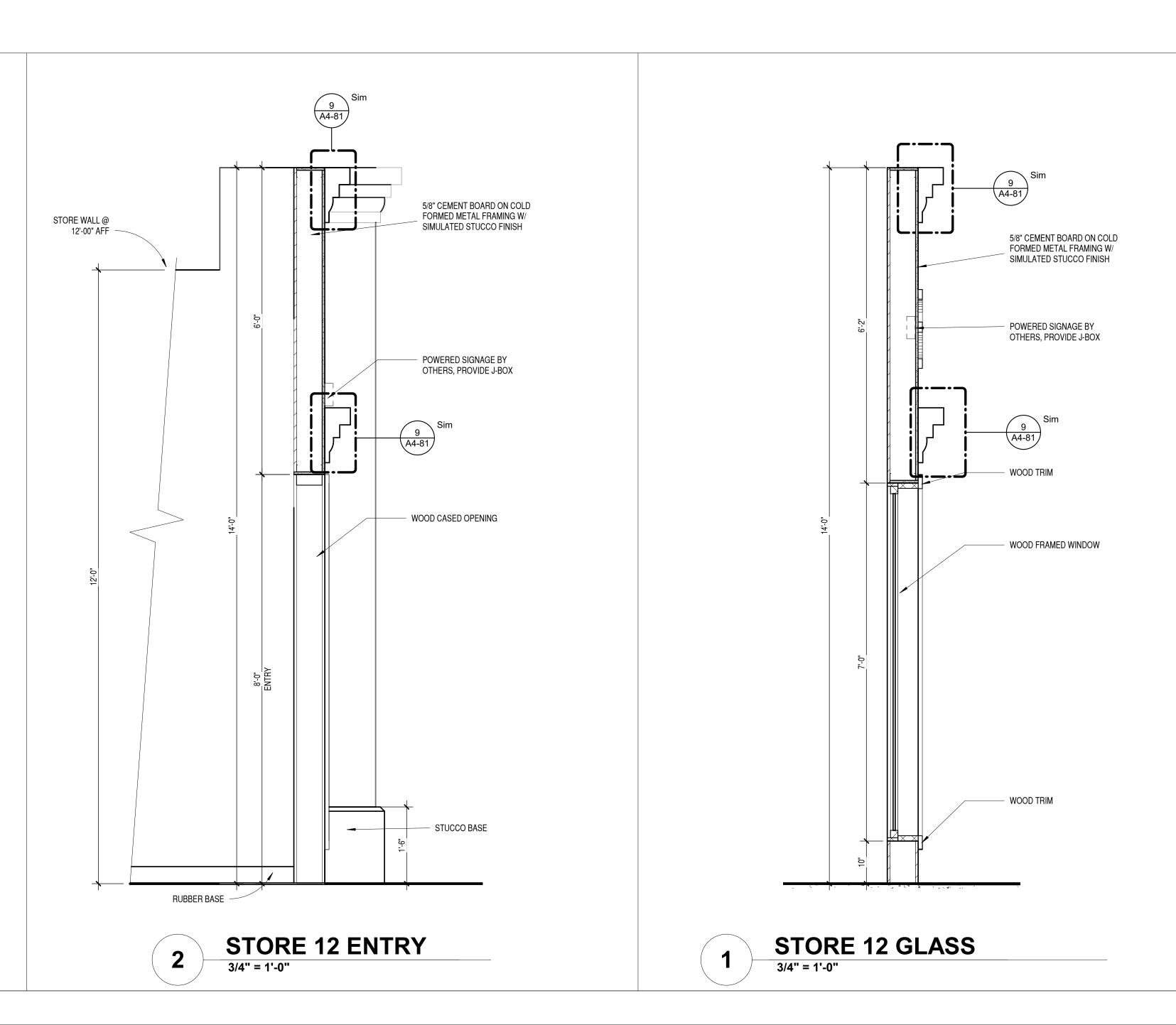


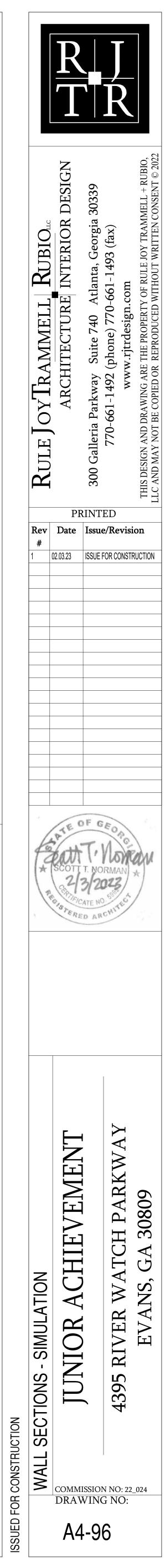




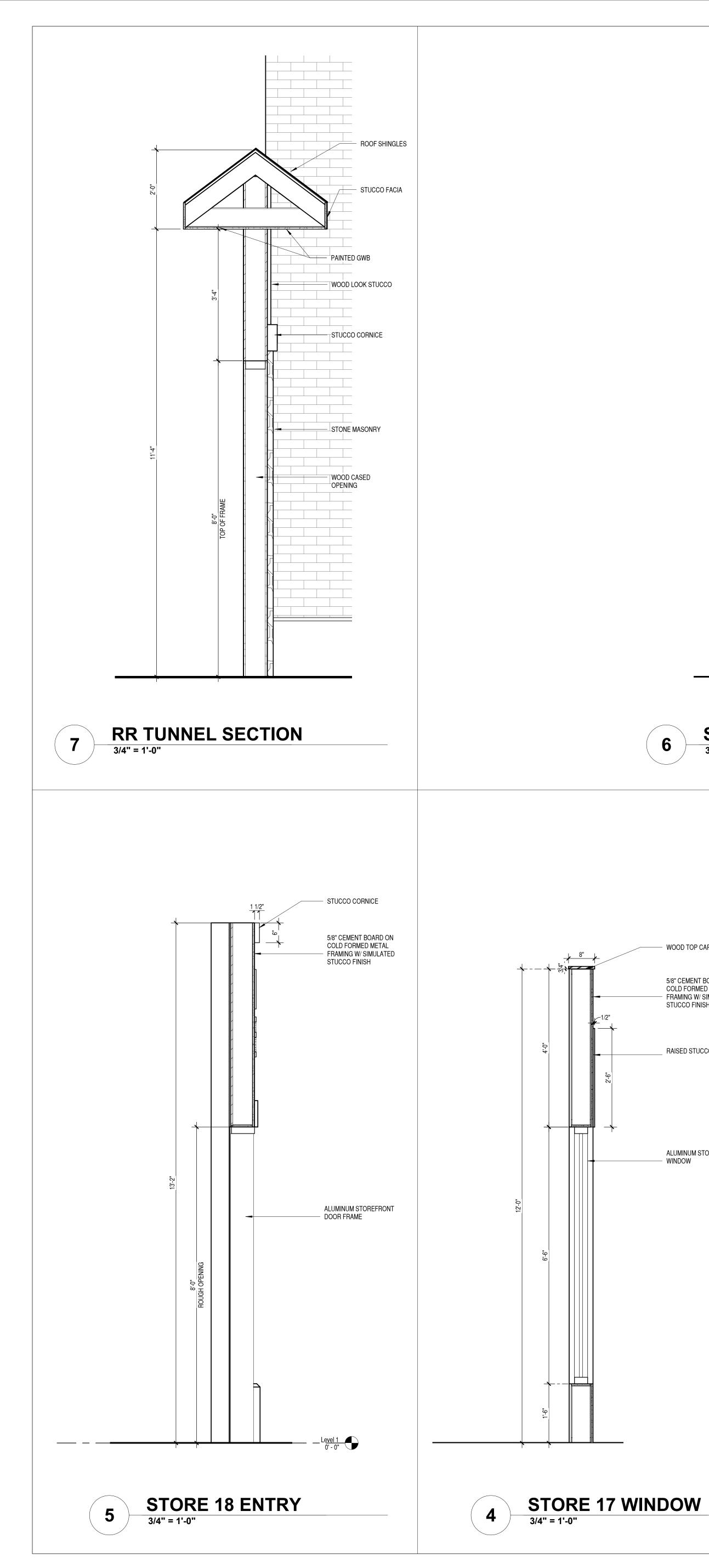


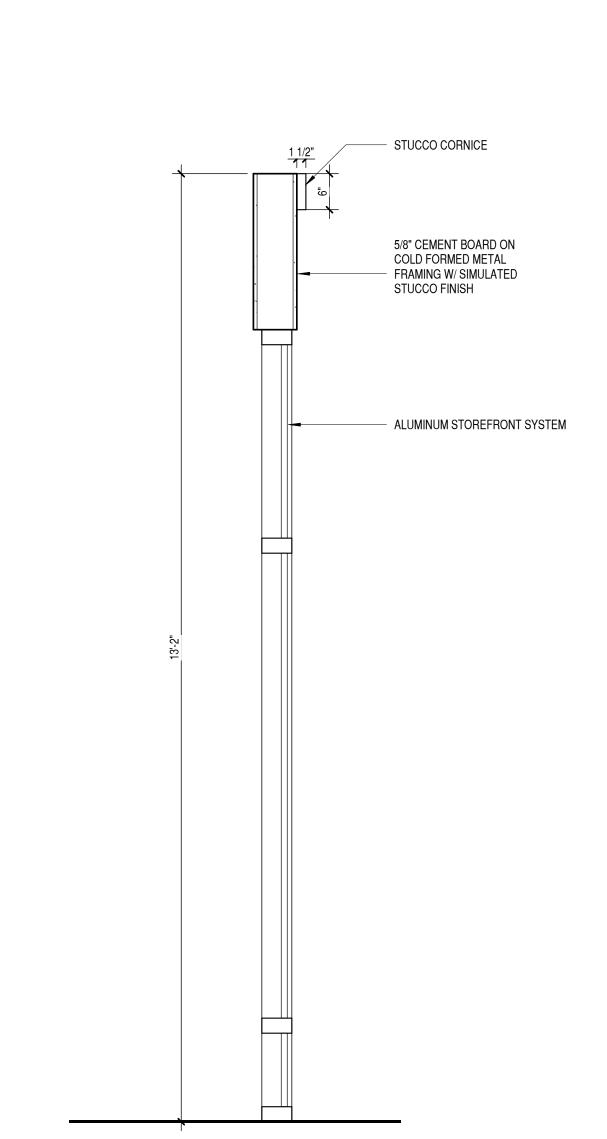






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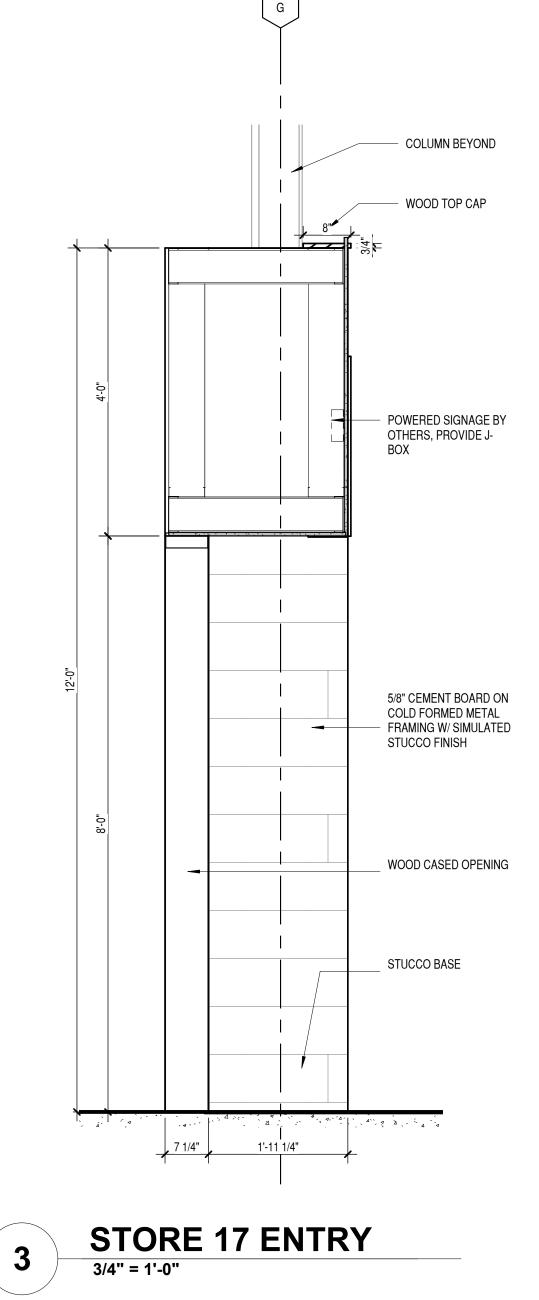
WOOD TOP CAP 5/8" CEMENT BOARD ON

COLD FORMED METAL FRAMING W/ SIMULATED STUCCO FINISH

RAISED STUCCO PANEL

ALUMINUM STOREFRONT

WINDOW



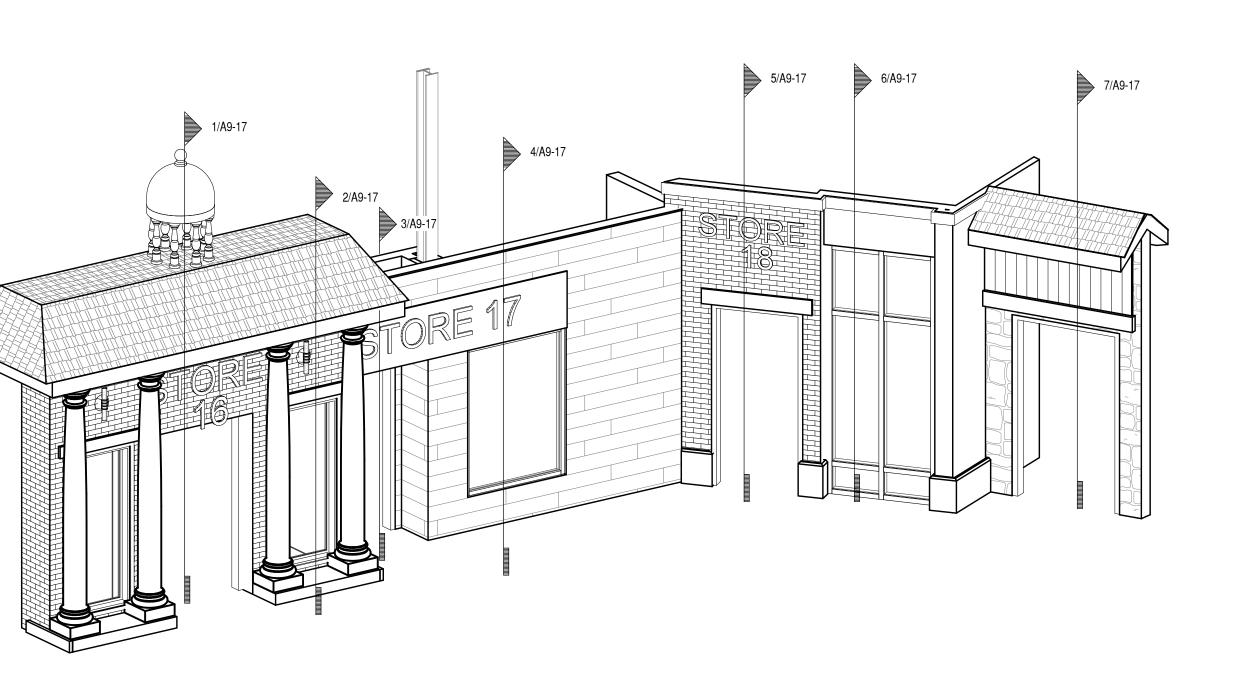
PAINTED GWB -----_____ PAINTED GWB

STEEL BRACE AS

REQUIRED

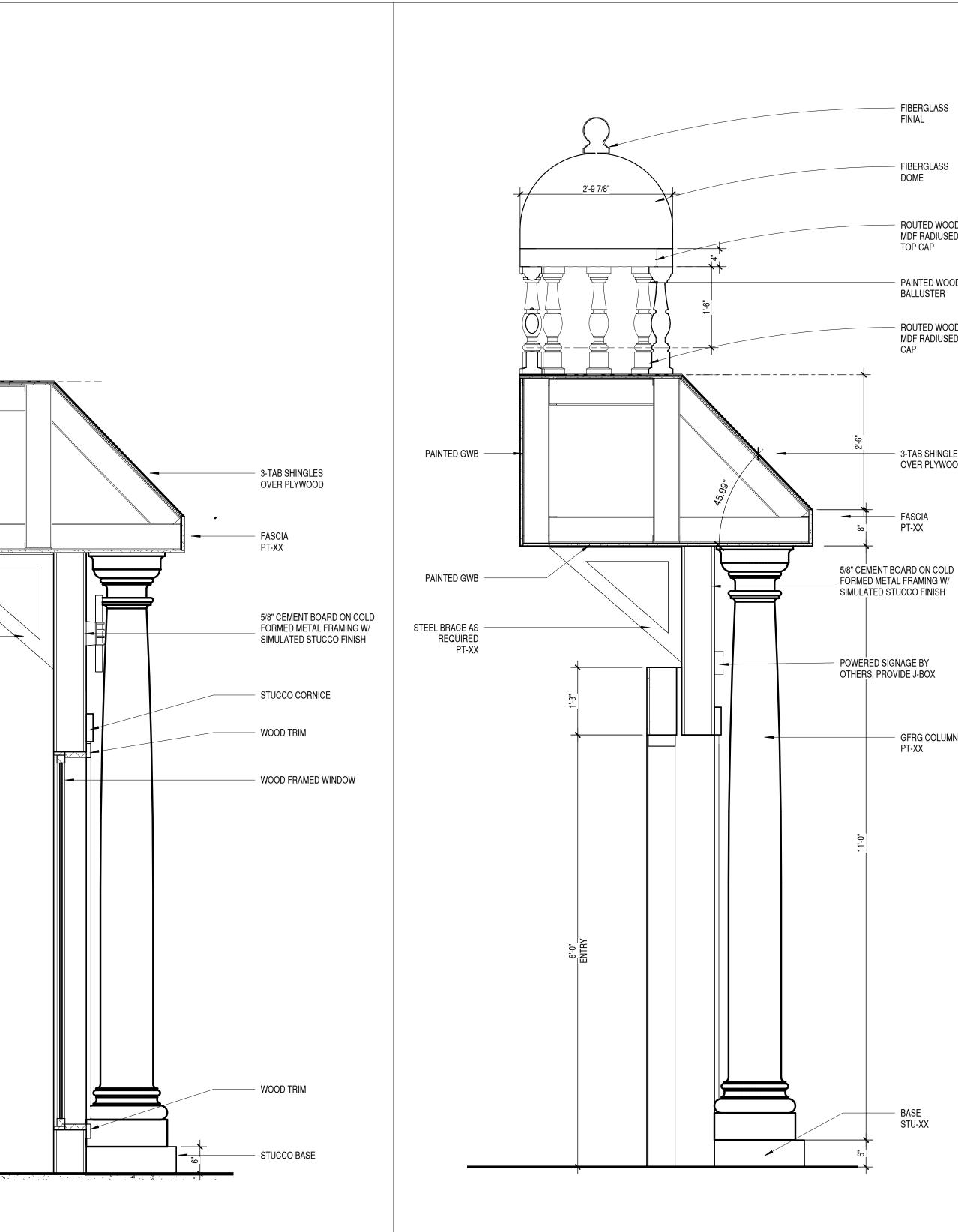
PT-XX





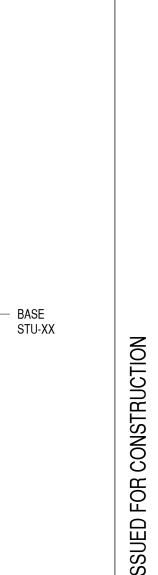
STORE 16-18 AXON

0)



STORE 16 ENTRY 3/4" = 1'-0"

(1)



ATION



PT-XX

— FASCIA

- 3-TAB SHINGLES OVER PLYWOOD

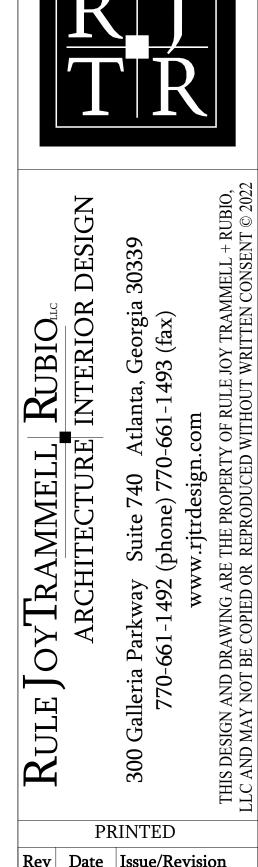
- ROUTED WOOD MDF RADIUSED TOP CAP

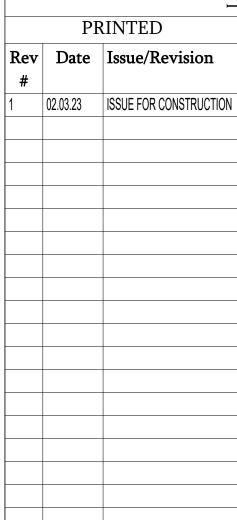
PAINTED WOOD BALLUSTER

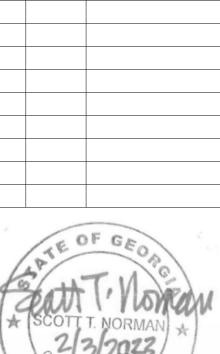
ROUTED WOOD MDF RADIUSED TOP CAP

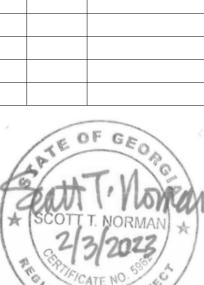
FIBERGLASS DOME



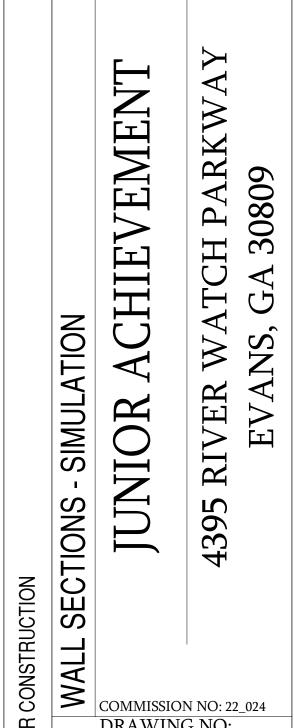






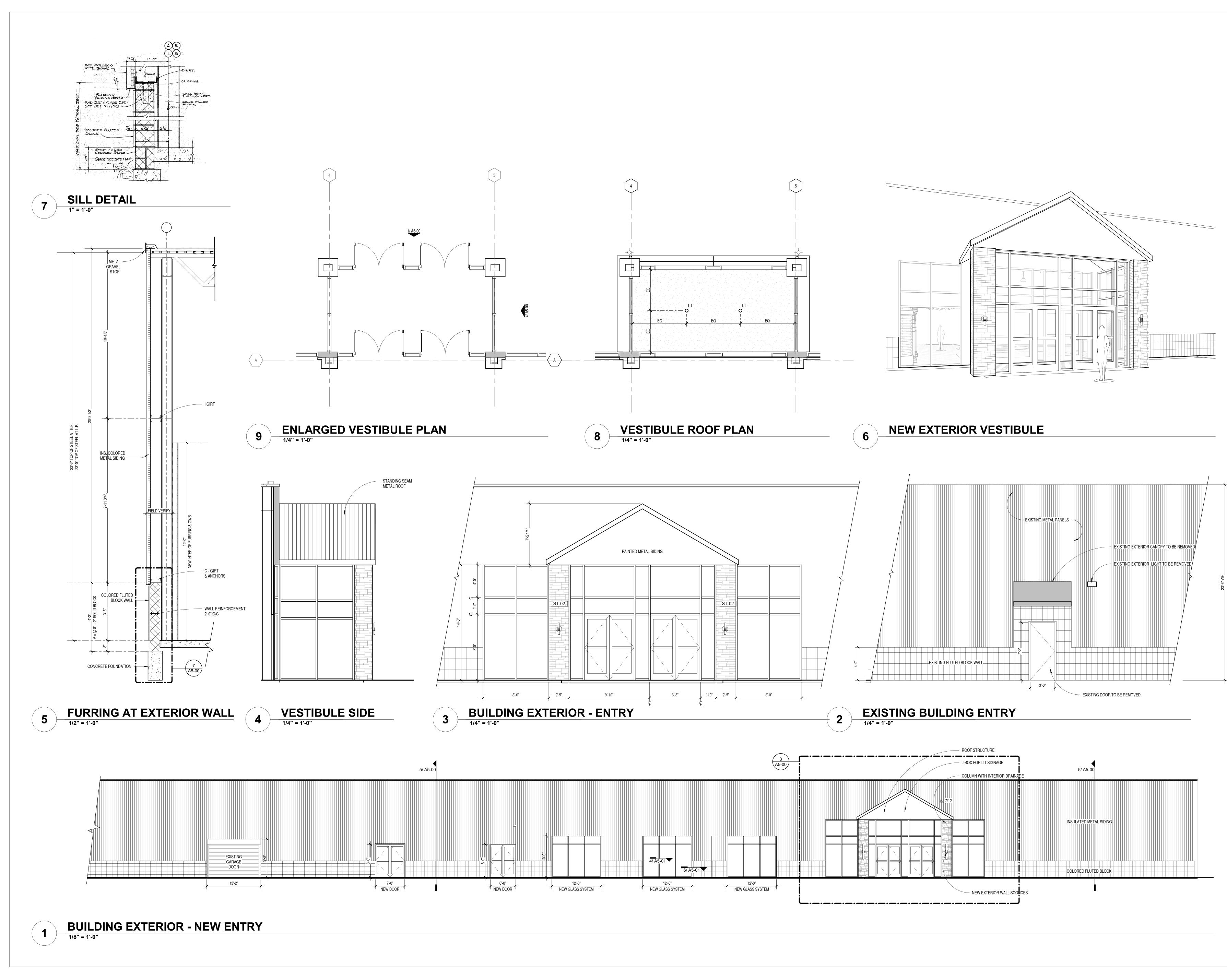


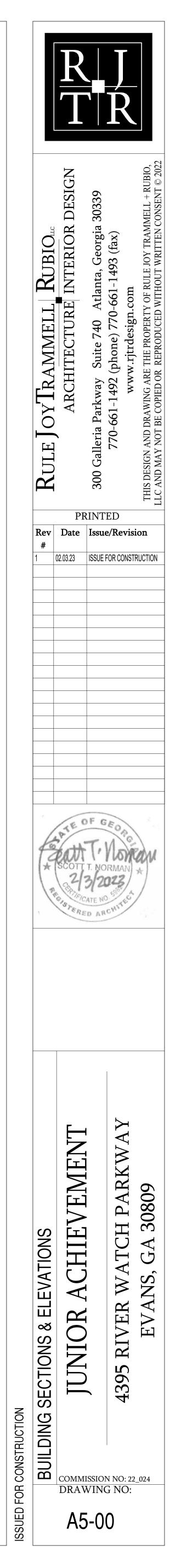


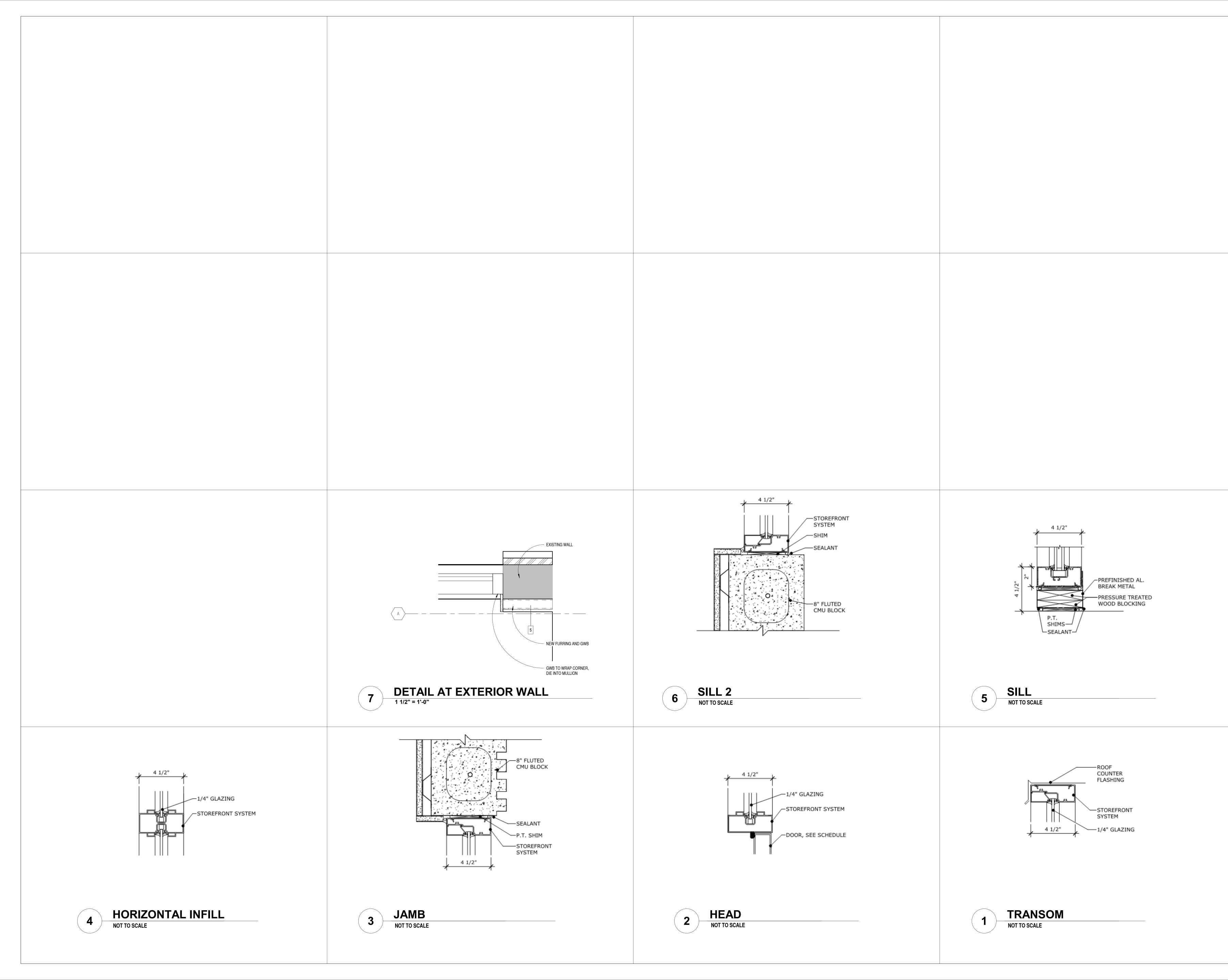


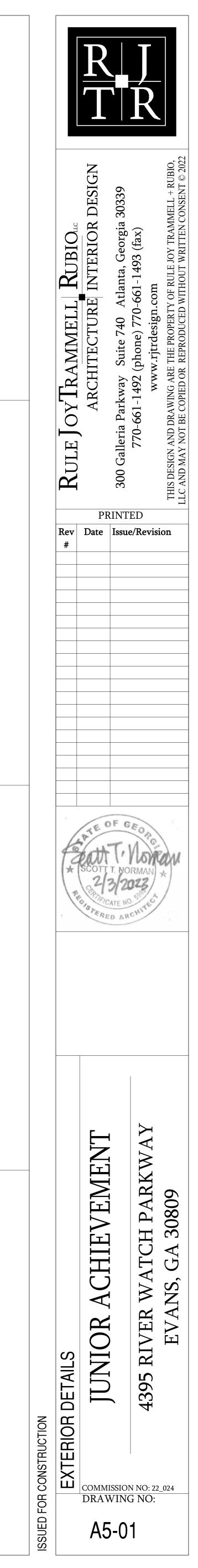
DRAWING NO:

A4-97









EGEND			FIXTURE SCHEDULE	
	LIGHTING AND POWER	TYPE	DESCRIPTION	MANUFACTURER
	CONDUIT RUN CONCEALED ABOVE CEILING OR IN WALL CONTAINING 3 NUMBER 12 CONDUCTORS UNLESS SHOWN OTHERWISE. HASH MARKS, IF SHOWN, INDICATE QUANTITY OF NUMBER 12 CONDUCTORS. WHERE DRAWING SPACE PROHIBITS HASH MARKS BEING SHOWN REFER TO CIRCUIT NUMBERS AND PROVIDE REQUIRED NUMBER OF CONDUCTORS PER CIRCUIT TYPE.	L1	RECESSED COMMERCIAL GRADE DOWNLIGHT WITH 4" APERTURE. FIXTURE SHALL BE CONSTRUCTED OUT OF 16 GAUGE GALVANIZED STEEL WITH SEMI-SPECULAR REFLECTOR AND WHITE FLANGE. FIXTURE SHALL BE CAPABLE OF BOTH FIELD ADJUSTABLE LUMENS (1K, 1.5K, 2K) AND COLOR TEMP (3K, 3.5K, 4K, 5K). SET LEVELS AS NOTED BELOW.	LITHONIA "LDN4" SERIES
_ · _ · ## · _ · _	CONDUIT RUN CONCEALED IN OR BELOW FLOOR SLAB, OR UNDERGROUND.		LAMPS: L.E.D., 13 WATTS, 1000 LUMENS (LOW), 3500°K DRIVER: MULTIVOLT, UNIVERSAL DIMMING BOTH WITH 0-10V AND LINE VOLTAGE	
	HOMERUN TO PANELBOARD, LETTER OR LETTERS INDICATE PANELBOARDS, NUMBERS INDICATE CIRCUIT NUMBERS.			
2-E O	L.E.D. LIGHTING FIXTURE, "2" INDICATES THE CIRCUIT NUMBER AND "E" THE FIXTURE TYPE. SEE FIXTURE SCHEDULE FOR DIMENSIONS AND MOUNTING TYPE.		RECESSED COMMERCIAL GRADE DOWNLIGHT WITH 3" APERTURE. FIXTURE SHALL BE CONSTRUCTED OUT OF 16 GAUGE GALVANIZED STEEL WITH SEMI-SPECULAR REFLECTOR AND WHITE FLANGE.	
0	EMERGENCY L.E.D. LIGHTING FIXTURE CONNECTED TO GENERATOR CIRCUIT. SEE FIXTURE SCHEDULE FOR DIMENSIONS, AND MOUNTING TYPE.	L1B	LAMPS: L.E.D., 14 WATTS, 1000 LUMENS, 3500°K DRIVER: MULTIVOLT, UNIVERSAL DIMMING BOTH WITH 0-10V AND LINE VOLTAGE	LITHONIA "LDN3" SERIES
	L.E.D. FIXTURE, SURFACE OR STEM MOUNTED.		DIMMING	
0	L.E.D. TROFFER FIXTURE. SEE FIXTURE SCHEDULE FOR DIMENSIONS AND MOUNTING TYPE.	L2	SAME AS TYPE "L1" EXCEPT WITH WALL WASH OPTICS.	LITHONIA "LDN4WW" SER
0	EMERGENCY L.E.D. TROFFER CONNECTED TO GENERATOR CIRCUIT. SEE FIXTURE SCHEDULE FOR DIMENSIONS, AND MOUNTING TYPE.	L3	SAME AS TYPE "L1" EXCEPT WITH SLOPE CEILING ADAPTER.	
Ю	L.E.D. LIGHTING FIXTURE, SURFACE WALL BRACKET MOUNTED. MOUNTING HEIGHT AS NOTED.	L4	2^{\prime} x 2^{\prime} RECESSED CEILING GRID TYPE FIXTURE WITH CENTER COUPLE CONCAVE REFRACTOR LENS.	LITHONIA "2ALL2 CTRF" S
\otimes	EXIT LIGHT JUNCTION BOX LOCATED ABOVE CEILING OR BELOW GRADE.		LAMPS: L.E.D., 29 WATTS, 3440 LUMENS, 3500°K DRIVER: MULTIVOLT, 0-10V DIMMING	
5 €	DUPLEX CONVENIENCE OUTLET, +18" TO CENTER LINE OF OUTLET UNLESS OTHERWISE NOTED. 5"		L.E.D. PENDANT MOUNTED CIRCULAR HIGH BAY FIXTURE, DIE-CAST ALUMINUM HOUSING, CLEAR TEMPERED GLASS, AND ACRYLIC FROSTED REFLECTOR. SAFETY	
⊕	INDICATES THE CIRCUIT NUMBER. DUPLEX CONVENIENCE OUTLET MOUNTED ABOVE COUNTER, AT +46" TO CENTERLINE OF OUTLET.	L5	CHAIN SHALL BE ATTACHED TO STRUCTURE AND HOUSING. BOTTOM OF FIXTURE SHALL BE MOUNTED AT 15'-0" TO FINISHED FLOOR. COORDINATE OVERALL STEM LENGTH WITH EXISTING STRUCTURE SLOPES THROUGHOUT THE BUILDING.	LITHONIA "JCBL" SERIES
÷ ₽	DUPLEX CONVENIENCE OUTLET, GFI TYPE. +18" TO CENTER LINE UNLESS OTHERWISE NOTED. "WP" WHERE SHOWN INDICATES WEATHER-RESISTENT DEVICE WITH METAL IN-USE		FIXTURE/PENDANT FINISH SHALL BE WHITE.	
	WEATHERPROOF COVER. DUPLEX CONVENIENCE OUTLET, GFI TYPE, MOUNTED ABOVE COUNTER AT +46" TO CENTERLINE		DRIVER: MULTI-VOLT, 0-10 DIMMING RECESSED CEILING LINEAR RGBW WITH SIDE BENDING (HORIZONTAL) ONE INCH	
∌	OF RECEPTACLE UNLESS NOTED OTHERWISE.	L6	WIDE CHANNEL. FIXTURE CAN BE EITHER TAPE/NEON STYLE LIGHT WITH MINIMUM 20FT RUN LENGTH IN PATTERN TO MATCH LAYOUT AS SHOWN ON LIGHTING PLAN. PROVIDE ALL ACCESSORIES AS DMX DECODER, TRANSFORMERS, ETC. AS NEEDED	LLI ARCH "LCC / LN" SERIE
⊕ ©	QUADRUPLEX RECEPTACLE, +18" TO CENTER LINE OF OUTLET UNLESS OTHERWISE NOTED.	LU	FOR COMPLETE WORKING FIXTURE LAMPS: L.E.D., 7 WATTS/FT, 171LM/FT (RGBW)	
	DUPLEX RECEPTACLE, ISOLATED GROUND TYPE, +18" TO CENTER LINE OF OUTLET UNLESS OTHERWISE NOTED.		DRIVER: MULTIVOLT, DMX DIMMING 4"W x 4'0"L LINEAR DIRECT/INDIRECT (50%UP / 50%DN) DISTRIBUTION FIXTURE TO BE	
+	DUPLEX RECEPTACLE, ISOLATED GROUND TYPE, +46" TO CENTER LINE OF OUTLET UNLESS OTHERWISE NOTED.	L7	SURFACE WALL MOUNTED WITH EXTRUDED ALUMINUM HOUSING AND WHITE FINISH. LAMPS: L.E.D., 8.5 WATT / FOOT, 1200 LUMENS / FOOT (600UP/600DN), 3500°K	MARK ARCHITECTURAL "S
+	QUADRUPLEX RECEPTACLE, ISOLATED GROUND TYPE, +18" TO CENTER LINE OF OUTLET UNLESS OTHERWISE NOTED.		DRIVER: MULTIVOLT, 0-10V DIMMING EXTERIOR WALL SCONCE WITH DIRECT/INDIRECT GRAZING OPTICS AND 8"W x 38"H x	
•	NEMA L5-30R ON WALL AT 48". 3#10 TO PANEL CIRCUIT AS SHOWN.	L8	4"D IP66 RATED HOUSING. MOUNT IN FIXTURE IN VERTICAL DIRECTION. COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECTURAL ELEVATIONS. FINISH TO BE DETERMINE BY ARCHITECT / OWNER	ECLIPSE "GALILEO - DEFE
$\mathbf{O}\mathbf{V}$	FLUSH FLOOR BOX WITH QUADRUPLEX RECEPTACLE AND TELECOMMUNICATION OUTLET. SEE SPECIFICATIONS FOR TYPE OF BOX.		LAMPS: L.E.D., 60 WATT, 5700 LUMENS, 4000°K DRIVER: MULTIVOLT, 0-10V DIMMING	SERIES WITH CTB OPTION
\$	SINGLE POLE TOGGLE SWITCH, +46" TO CENTER LINE MOUNTING HEIGHT.		DECORATIVE LANTERN STYLE WALL SCONCE WITH CLEAR BEVELED GLASS, SHORT SCROLL STYLE ARM. AND TEXTURED BLACK FINISH HOUSING / BLACKPLATE.	SATCO/NUVO "BOXWOOE
S S	THREE OR FOUR WAY SWITCH AS INDICATED. +46" TO CENTER LINE MOUNTING HEIGHT. LED DECORA STYLE DIMMER WITH ROCKER ON/OFF SWITCH AND SLIDE DIMMER ON SIDE OF	L9	LAMPS: A19 SCREW-IN L.E.D., 9 WATT, 800 LUMENS, 3000°K	60-4966" SERIES
¢	ROCKER. 0-10VDC CAPABLE DIMMER +3'-6" MOUNTING HEIGHT. LUTRON "DIVA 0-10V" OR EQUAL BY LEVITON, WATTSTOPPER, HUBBELL, OR COOPER. (NO ADDITIONAL POWER PACK REQUIRED). DIVISION 26 SHALL PROVIDE ALL ADDITONAL CONDUCTORS TO ALL FIXTURES CONNECTED FOR A PROPER 0-10VDC OPERATION. GRAY FINISH.	L10	WALL MOUNTED SLIM-LINE PICTURE LIGHT WITH ANTIQUE BRASS METAL HOUSING AND BACKPLATE. FIXTURE SHALL BE 24"W x 4.25"H x 7.5"D. LAMPS: FOUR(4) - E12 SCREW-IN L.E.D., 4 WATT, 500 LUMENS, 4000°K	HOUSE OF TROY "DSL24- SERIES
φ³	LED DECORA STYLE DIMMER WITH ROCKER ON/OFF SWITCH AND SLIDE DIMMER ON SIDE OF ROCKER. 0-10VDC CAPABLE THREE WAY DIMMER, +3'-6" MOUNTING HEIGHT. LUTRON "DIVA 0-10V" OR EQUAL BY LEVITON, WATTSTOPPER, HUBBELL, OR COOPER. (NO ADDITIONAL POWER PACK REQUIRED).	L12	WALL MOUNTED DECORATIVE SCONCE WITH MODERN SLEEK SATIN NICKEL FINISHED FLAT HOUSING.	OXYGEN "REFLEX - 3-504 SERIES
LV	LOW VOLTAGE SWITCH WALL MOUNTED IN SINGLE GANG BOX. +46" TO CENTER LINE MOUNTING HEIGHT. SEE LIGHTING CONTROL SCHEDULE SWITCH'S BUTTON QUANTITY, CONFIGURATION, AND OPERATION. PANELBOARD, SEE SCHEDULE.		LAMPS: TWO(2) - MR16 (GU10), 7 WATT/ 500 LUMENS (EACH), 3000°K (DIMMABLE) WALL MOUNTED DECORATIVE SCONCE WITH BELL STYLE BLACK FINISHED HOUSING.	
	DISCONNECT SWITCH, SIZE AS NOTED ON DRAWINGS. FUSED PER MANUFACTURER'S NAME PLATE DATA OF EQUIPMENT SERVED.	L13	LAMPS: ONE(1) - A19 (E26), 8 WATT/ 700 LUMENS, 3000°K (DIMMABLE)	LIGHT" SERIES
ψ	SINGLE OR DOUBLE POLE, MINIMUM 20 AMP MOTOR RATED ENCLOSED SWITCH WITH "LOCK-OUT" OPTION, MOUNTED NEAR EQUIPMENT BEING SERVED.		WALL MOUNTED DECORATIVE WALL SCONCE WITH CYLINDRICAL SILVER GRAY HOUSING PROVIDING UP/DOWN LIGHT 55DEG OPTIC DISTRIBUTION	
\bigcirc	MOTOR	L14	LAMPS: L.E.D., 7 WATT, 1000 LUMENS (TOTAL), 3000°K DRIVER: 120 VOLT. PHASE DIMMING	ALW "CORE 4 - CRU4" SE
EN	EMERGENCY OVERRIDE LIGHTING RELAY "NORMAL". SEE DETAIL 3/E1-00. LOCATION SHOWN TO INDICATE FIXTURES/SPACE BEING SERVED BY DEVICE. DEVICE SHALL BE LOCATED IN NEAREST		WALL MOUNTED DECORATIVE WALL SCONCE WITH 20IN "RLM" DOME SHAPE	
	ACCESSIBLE CEILING SPACE TO FIXTURE/SPACE. ELECTRICAL WATER COOLER, PROVIDE A DUPLEX RECEPTACLE AT WATER COOLER, CIRCUIT	L15	HOUSING AND GOOSENECK STYLE ARM. HOUSING AND ARM TO BE BLACK FINSIHED LAMPS: ONE(1) - A19 (E26), 8 WATT/ 700 LUMENS (EACH), 3000°K (DIMMABLE)	BASELITE "WS20" SERIES "E6" ARM SERIES
(* C)	SHALL BE GFCI PROTECTED. REFER TO DETAIL 2/E3-01 FOR ROUGH-IN.		WALL MOUNTED DECORATIVE SCONCE WITH MODERN SLEEK PLATINUM FINISHED	
ТВ	PROVIDE FIRE RATED 3/4"D x 4'0"H x (LENGTH AS SHOWN ON PLANS) GRADE A/C PLYWOOD BACKBOARD INSTALLED ON WALLS IN THIS SPACE WHERE INDICATED ON PLANS. CONTRACTOR SHALL PAINT FRONT SIDE AND ALL EDGES WITH GRAY FIRE RETARDANT PAINT. FIRE RATINGS ON PLYWOOD SHALL NOT BE PAINTED OVER SUCH RATING IS EACH PIECE OF PLYWOOD.	L16	BANDED METAL HOUSING AND PATTERN REFLECTIVE GLASS SHADE LAMPS: L.E.D., 30 WATT, 825 LUMENS, 3000°K DRIVER: 120 VOLT , PHASE DIMMING	KICHLER "SEDO - 49435PI SERIES
	OCCUPANCY SENSORS	1 17	WALL MOUNTED DECORATIVE WALL SCONCE WITH LATERN STYLE ALUMINUM HOUSING WITH 4-SIDED CLEAR GLASS SHADE.	HINKLEY "BROMLEY - 236
¢	SWITCH, WALL MOUNTED OCCUPANCY SENSOR (WATTSTOPPER PW-100 OR EQUAL). +46" TO CENTER LINE MOUNTING HEIGHT. DUAL TECHNOLOGY 360° OCCUPANCY SENSOR. CEILING MOUNTED. LITHONIA "CM PDT 9" SERIES	L17	LAMPS: THREE(3) - CHANDELIER (E12), 4 WATT/ 325 LUMENS (EACH), 3000°K (DIMMABLE)	SERIES
\mathbf{s}	OR EQUAL. PROVIDE ALL NECESSARY COMPONENTS TO INSURE PROPER OPERATION (POWER PACKS, SLAVE PACKS, ETC.)		MONOPOINT SURFACE MOUNTED TRACK HEAD STYLE SPOT LIGHT. FIXTURE TO BE MOUNTED ATOP "THEATER" ENTRANCE CANOPY TO UPLIGHT WALL. FIXTURE TO HAVE DIE-CAST ALUMINUM CYLINDRICAL HOUSING (BLACK FINISH) WITH FIELD	
\diamond	DUAL TECHNOLOGY OCCUPANCY SENSOR. CEILING MOUNTED AT CORNER UNLESS SHOWN OTHERWISE. LITHONIA "WV PDT 16 KIT SERIES OR EQUAL. PROVIDE ALL NECESSARY	L18	HAVE DIE-CAST ALUMINUM CYLINDRICAL HOUSING (BLACK FINISH) WITH FIELD ADJUSTABLE BEAM OPTICS. FIELD ADJUST OPTICS PER OWNER'S DISCRETION.	JUNO "R620L - W/ MONOF CANOPY" SERIES.
V	COMPONENTS TO INSURE PROPER OPERATION (POWER PACKS, SLAVE PACKS, ETC.)		EXISTING HIGH BAY WITHIN FACILITY TO BE RELOCATED FOR USE AS SHOWN.	
	DUAL TECHNOLOGY HALLWAY OCCUPANCY SENSOR. CEILING MOUNTED. LITHONIA "CM PDT 11" SERIES OR EQUAL. PROVIDE ALL NECESSARY COMPONENTS TO INSURE PROPER OPERATION (POWER PACKS, SLAVE PACKS, ETC.)	НВ	CONTRACTOR TO RMOVE "RELOC" CONNECTOR FROM FIXTURE IN ORDER TO REWIRE TO NEW CIRCUITRY AS SHOWN IN SPACE.	
$\langle \rangle$	DUAL TECHNOLOGY OCCUPANCY SENSOR, DIGITAL ADDRESSABLE TYPE. CEILING MOUNTED AT CORNER UNLESS SHOWN OTHERWISE, LITHONIA "nWV PDT 16 KIT SERIES OR EQUAL.		EXIT SIGN WITH LED LAMP SOURCE, RED PANEL COVER, DIE-CAST ALUMINUM	LITHONIA "LQC" SERIES
∽n ⊘Pn	PASSIVE INFRARED OCCUPANCY SENSOR FOR HIGH CEILING MOUNTING, DIGITAL ADDRESSABLE	\otimes	CONSTRUCTION, BRUSHED ALUMINUM FACE WITH BLACK HOUSING, UNIFORM LAMP DIFFUSER AND 120/277 VOLT INPUT.	SURE-LITE DUAL-LITE CHLORIDE EVENLITE
√n	TYPE. CEILING MOUNTED AT STRUCTURAL BEAM. LITHONIA "nCM 6" SERIES OR EQUAL.			
☑		NOTES	FIXTURES TO BE PROVIDED AS SPECIFIED. NO EQUALS.	
	SIGNAL, HORN AND STROBE LIGHT. +6'-10" MOUNTING HEIGHT TO CENTER OF DEVICE.			
	OF DEVICE			
я. Х	STROBE LIGHT, 6'-10" MOUNTING HEIGHT TO CENTER OF DEVICE.			
∭ SL	STROBE LIGHT, CEILING MOUNTED.			
F	PULL STATION. WALL MOUNTED +46" TO CENTER LINE MOUNTING HEIGHT. EXISTING FIRE ALARM CONTROL PANEL WITH VOICE EVACUATION OPTIONS TO REMAIN. EXISTING			CABL
FACP	FIRE ALARM PANEL IS NOTIFIER "NFS-320" SERIES.			CABL
	HEAT DETECTOR, CEILING MOUNTED.			1/2" "MC" 3#12 C
міс	VOICE EVACUATION REMOTE MICROPHONE.			
	INTRUSION ALARM			B-LINE #BA-13
	INTRUSION ALARM DETECTOR, INFRARED. CEILING MOUNTED UNIT. 50'-0" COVERAGE UNLESS OTHERWISE NOTED.			T-BAR BOX HANGER
Юк Я	INTRUSION ALARM, KEY PAD. +46" TO CENTER LINE MOUNTING HEIGHT.			Г
(Cp	INTRUSION ALARM CONTROL PANEL. LOW VOLTAGE BACKBOXES / OUTLETS (DIVISION 26 TO PROVIDE AND INSTALL ALL CONDUIT WITH,			

LOW VOLTAGE BACKBOXES / OUTLETS (DIVISION 26 TO PROVIDE AND INSTALL ALL CONDUIT WITH, PULLSTRINGS AND BACKBOXES) DATA OUTLET, SINGLE GANG BOX, FLUSH WALL MOUNTED AT +18" TO CENTER LINE OF OUTLET

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UNLESS NOTED OTHERWISE. STUB-OUT 1"C. TO CEILING SPACE ABOVE. DATA OUTLET, SINGLE GANG BOX, FLUSH WALL MOUNTED AT +46" TO CENTER LINE OF OUTLET

UNLESS NOTED OTHERWISE. STUB-OUT 1"C. TO CEILING SPACE ABOVE. CCTV CAMERA, SINGLE GANG BOX, FLUSH WALL MOUNTED OR CEILING MOUNTED. STUB-OUT 1"C. C TO ABOVE NEAREST ACCESSIBLE SPACE OR 6" BELOW EXPOSED CEILING. COORDINATE MOUNTING HEIGHT PRIOR TO ROUGH-IN WITH CAMERA VENDOR.

ACCESS CONTROL CREDENTIAL READER. SINGLE GANG BOX, FLUSH WALL MOUNTED BOX +46" TO ଡ଼ CENTER OF BOX. STUB-OUT 3/4"C. TO ABOVE NEAREST ACCESSIBLE CEILING OR 6" BELOW EXPOSED CEILING SPACE. DOOR CONTACT POSITION SENSOR LOCATION. SINGLE GANG BOX, FLUSH WALL MOUNTED AT TOP OF DOOR FRAME ON SECURE SIDE OF DOOR. COORDINATE EXACT LOCATION WITH ACCESS

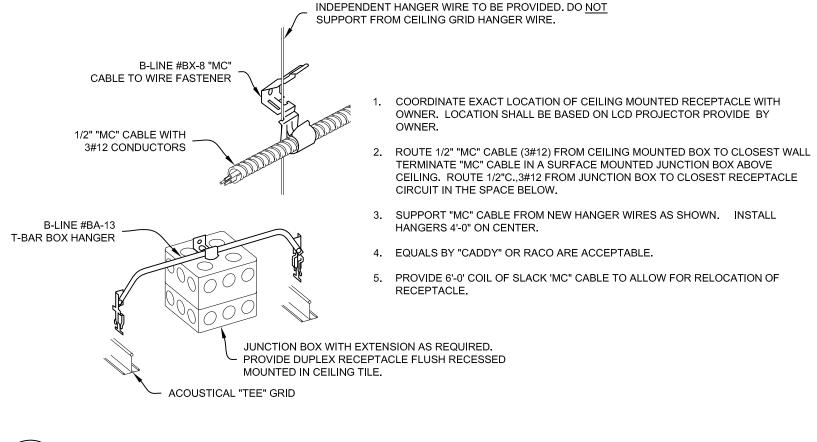
CONTROL SYSTEM VENDOR. STUB-OUT 3/4"C. TO ABOVE NEAREST ACCESSIBLE CEILING OR 6" BELOW EXPOSED CEILING SPACE. SINGLE GANG BOX FOR A/V USE, FLUSH WALL MOUNTED AT 96" UNLESS OTHERWISE NOTED ON PLAN. STUB-OUT 1"C., TO ACCESSIBLE CEILING OR WIRING CHASE.

DOUBLE GANG BOX FOR A/V USE, FLUSH WALL MOUNTED AT 60" UNLESS OTHERWISE NOTED ON മ PLAN. STUB-OUT 1"C., TO ACCESSIBLE CEILING OR WIRING CHASE.

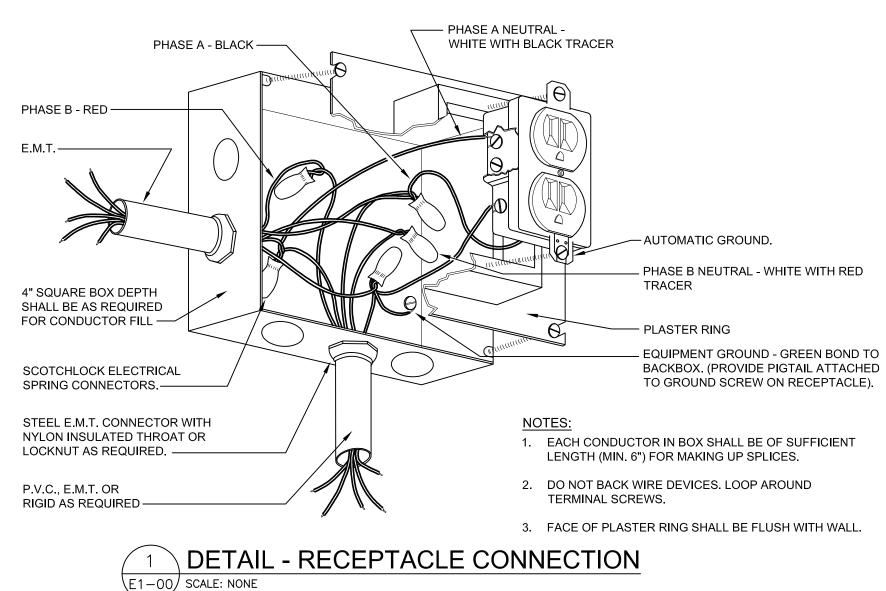
GENERAL NOTES:

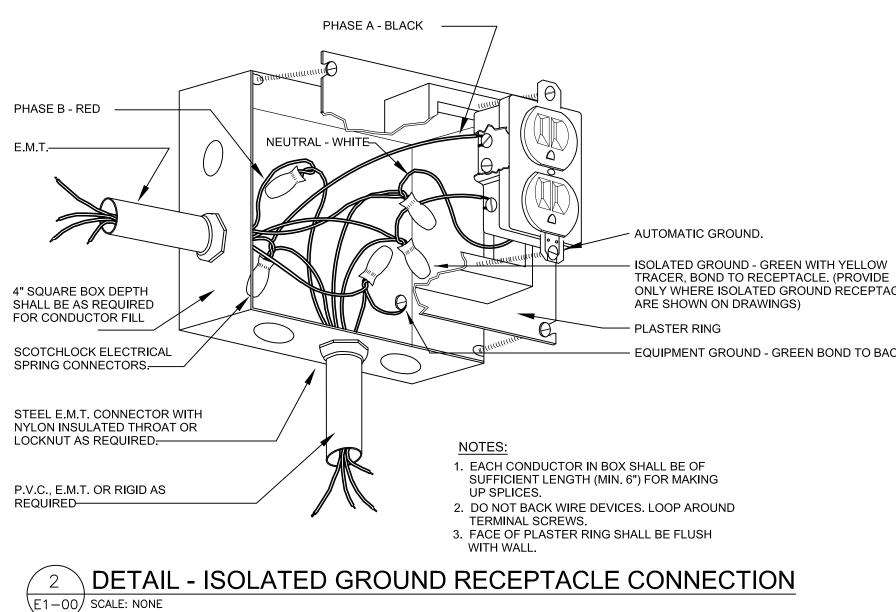
1. DO NOT SCALE DRAWINGS TO LOCATE EQUIPMENT OR OUTLETS.

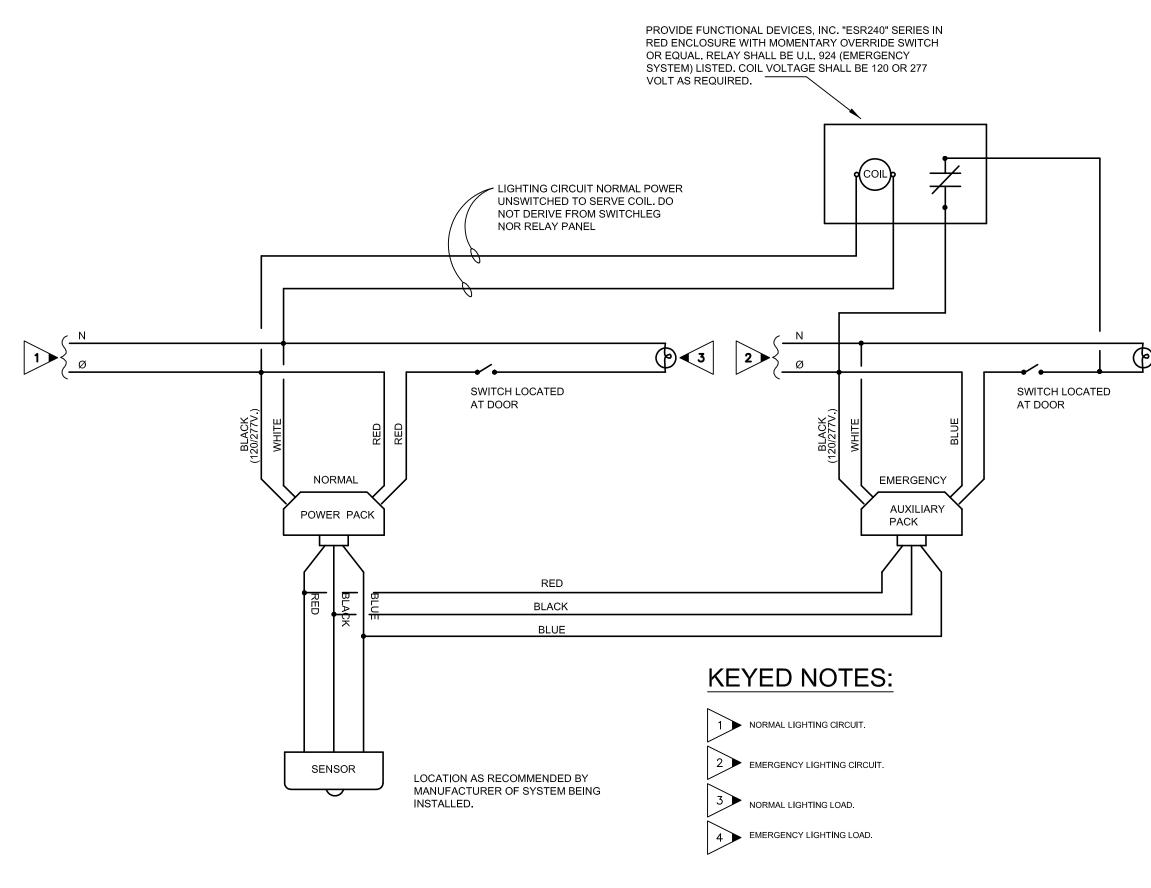
- 2. MOUNTING HEIGHTS AS INDICATED ON THE DRAWINGS SHALL BE FROM THE FINISHED FLOOR TO THE CENTER LINE OF THE OUTLET BOX. 3. THE ELECTRICAL DRAWINGS ARE ONLY A PART OF THE CONTRACT DOCUMENTS. ALL OF THE DRAWINGS AND SPECIFICATIONS MUST BE
- REVIEWED FOR THEIR INTERRELATIONSHIP AND REQUIRED COORDINATION BETWEEN DISCIPLINES. 4. 112 SYMBOL INDICATING ROOM OR SPACE NUMBER.
- 5. ALL CONDUIT ROUTED FROM DISCONNECT TO EXTERIOR HVAC UNITS SHALL BE ROUTED UNDERGROUND. TURN UP ADJACENT TO UNIT AND
- MAKE TRANSITION TO SEALTITE TO SERVE UNIT. CONDUIT SHALL BE. ROUTED CONCEALED IN WALL. 6. ALL FLUSH RECESSED OUTLET BOXES SHALL BE INSTALLED SUCH THAT FRONT EDGE OF BOX WILL NOT BE SET BACK OF THE FINISHED SURFACE MORE THAN 1/4" IN ORDER TO COMPLY WITH N.E.C. 314-20. SUPPORT OF OUTLET BOX BY RECEPTACLE AND COVERPLATE IS NOT
- ACCEPTABLE. 7. ALL CONDUIT, OUTLET BOXES, AND LOW VOLTAGE CABLING SHALL BE APPROPRIATELY SUPPORTED THROUGHOUT THE PROJECT. SUPPORT OF THESE ITEMS BY CEILING GRID OR GRID SUPPORT WIRES IS NOT ACCEPTABLE.
- 8. ALL EXTERIOR DISCONNECTS SHALL BE RATED NEMA 3R. ALL DISCONNECTS SHALL BE HEAVY DUTY TYPE, FUSIBLE, WITH EQUIPMENT GROUND BAR.
- 9. COORDINATE EXACT LOCATION OF ALL MECHANICAL AND PLUMBING EQUIPMENT WITH MECHANICAL AND PLUMBING CONTRACTOR PRIOR TO ROUGH IN. ADJUST LOCATION OF DISCONNECTING MEANS AND BRANCH CIRCUITRY AS REQUIRED. 10. PRIOR TO PROJECT COMPLETION, ELECTRICAL CONTRACTOR SHALL OBTAIN FINAL SPACE NUMBERS FROM OWNER AND/OR ARCHITECT.
- TYPEWRITTEN PANELBOARD DIRECTORIES SHALL REFLECT SPACE DESIGNATION OF EACH CIRCUIT. NO EXCEPTIONS. 11. REFER TO SPECIFICATIONS FOR HANGER SUPPORT WIRES REQUIRED FOR FIXTURES.
- 12. PROVIDE CONCRETE HOUSEKEEPING CURB AT ALL TRANSFORMERS AND PANELBOARDS.
- 13. PRIOR TO ROUGH-IN OF OUTLETS, COORDINATE AN ON SITE MEETING TO REVIEW EXACT LOCATIONS WITH FURNITURE PLAN. 14. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH PULL STRINGS WITH ID TAG INDICATING TERMINATION LOCATION. LABEL AT EACH END.
- ALL STUB OUT CONDUITS SHALL BE MARKED. 15. ELECTRICAL CONTRACTOR SHALL WARRANTY ALL EQUIPMENT AND INSTALLATION OF SUCH FOR TWO (2) YEARS FROM DATE OF PROJECT ACCEPTANCE. WARRANTY APPLIES TO ENTIRE ELECTRICAL CONTRACTOR'S SCOPE.
- 16. ROUTE NEUTRAL CONDUCTOR DOWN TO SWITCH BOX CONTAINING WALL MOUNTED OCCUPANCY SENSORS, CAP OFF CONDUCTOR IF NOT NEEDED.
- 17. REFER TO SPECIFICATIONS SECTION 16075 FOR LABELING OF ALL JUNCTION BOX COVERS AS WELL AS I.D. TAGS FOR DISCONNECTS AND PANELBOARDS. PROVIDE ENGRAVED I.D. TAGS ON TEE GRID. CEILINGS DIRECTLY BELOW EACH EMERGENCY OVERRIDE LIGHTING RELAY AND EACH OCCUPANCY SENSOR POWER PACK.
- 18. ALL RECEPTACLES AND SWITCHES SHALL BE SIDEWIRED. CONTRACTOR MY ELECT TO USE FACTORY TERMINATED MALE / FEMALE QUICK CONNECTS. (P&S "PLUGTAIL" OR EQUAL). SEE SPECIFICATION SECTION 16140.
- 19. ALL LOW VOLTAGE CONDUCTORS NOT IN CONDUIT SHALL <u>BE PLENUM RATED</u>. ALL TY-WRAPS SUPPORTING SUCH SHALL BE PLENUM RATED. PROVIDE J-HOOKS AND SUPPORT MEANS AS REQUIRED.



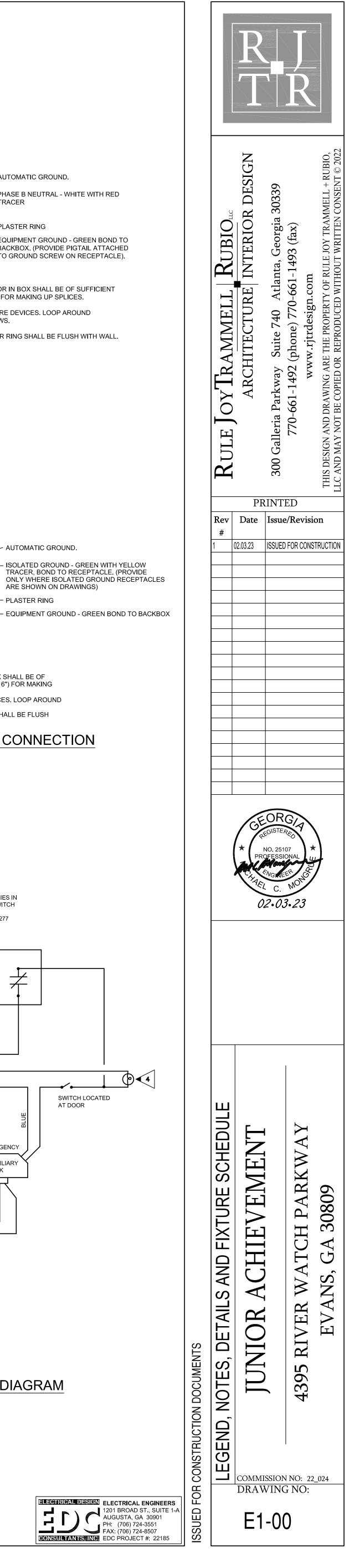
4 DETAIL - CEILING MOUNTED RECEPTACLE E1-00 SCALE: NONE

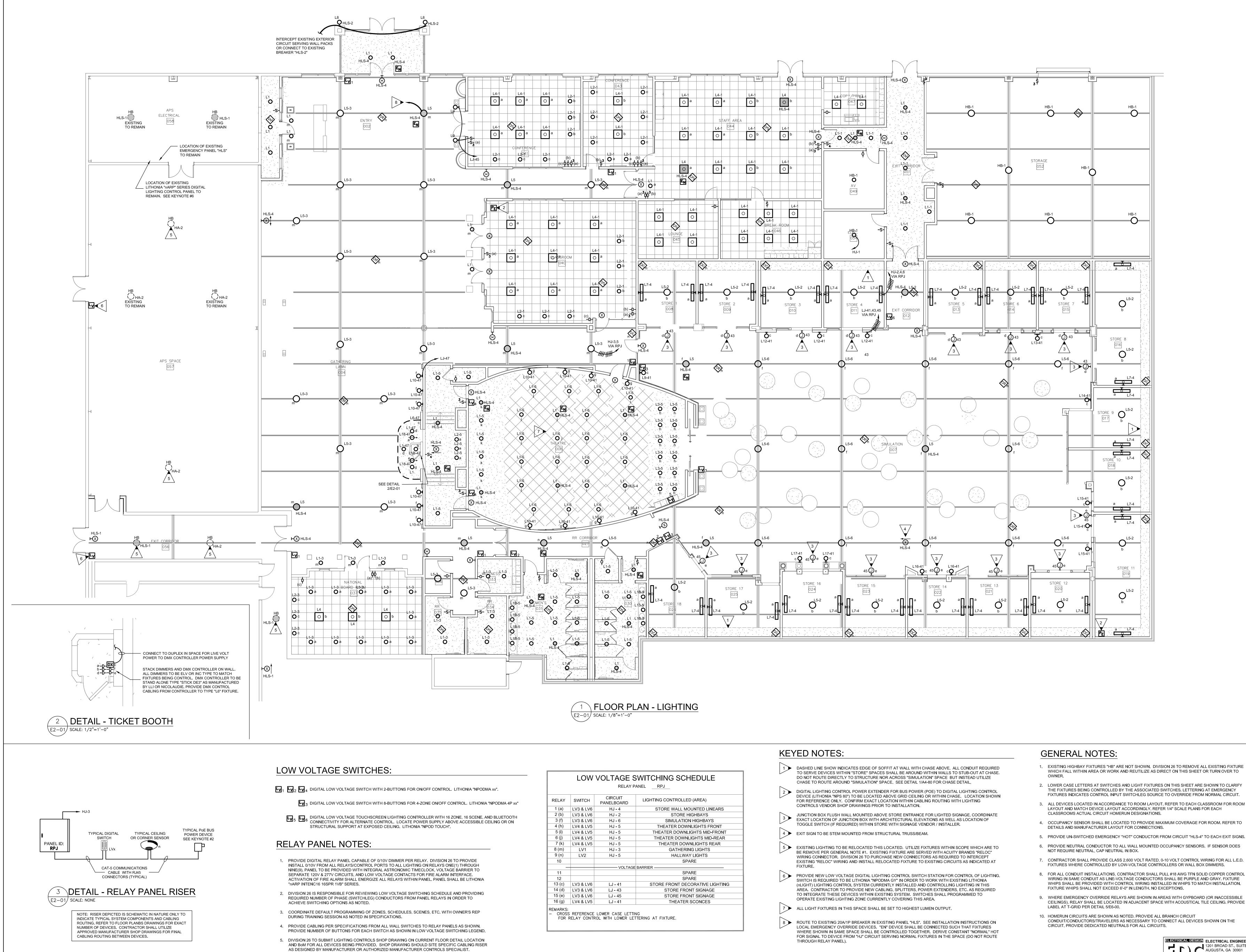






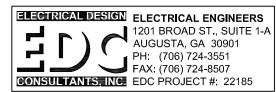
○ OCCUPANCY SENSOR - EMERGENCY RELAY WIRING DIAGRAM E1-00 SCALE: NONE

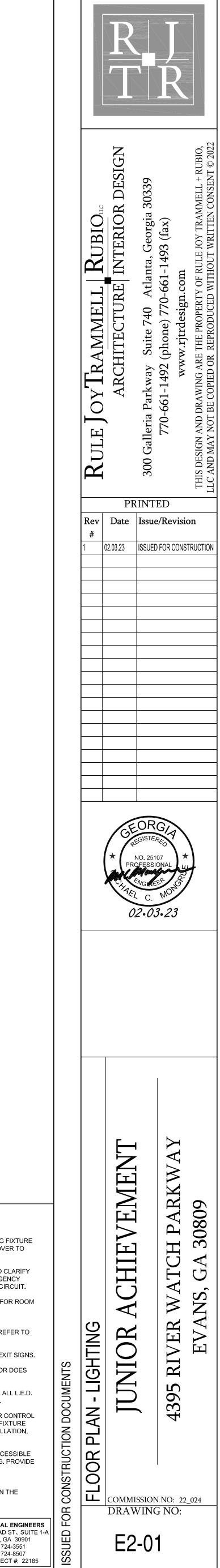


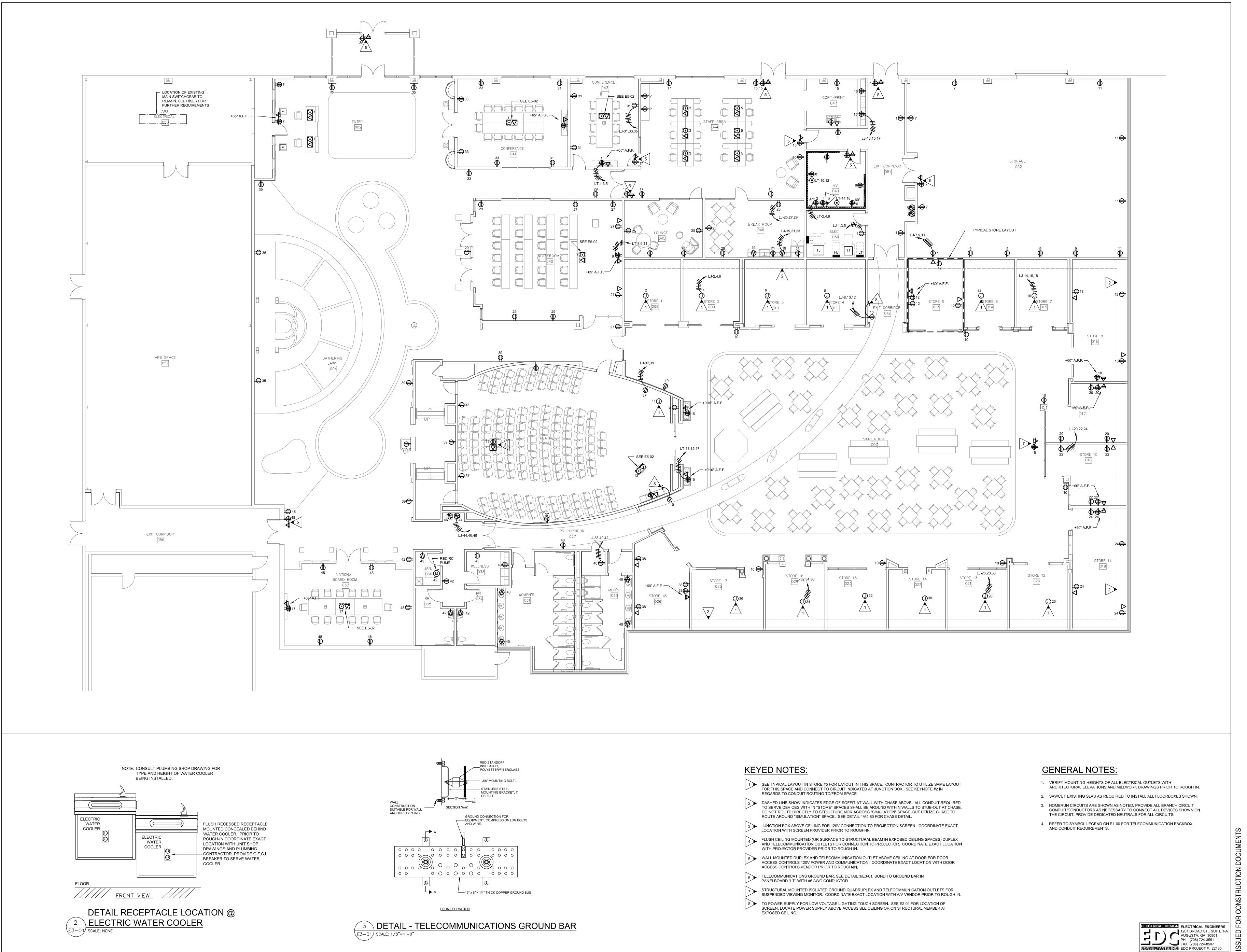


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		LOW	VOLTAGE S	SWITCHING SCHEDULE	
UTTONS FOR ON/OFF CONTROL. LITHONIA "NPODMA xx".			RELAY P	ANEL <u>RPJ</u>	
UTTONS FOR 4-ZONE ON/OFF CONTROL. LITHONIA "NPODMA 4P xx"	RELAY	SWITCH	CIRCUIT PANELBOARD	LIGHTING CONTROLLED (AREA)	
	1 (a)	LV3 & LV6	HJ - 4	STORE WALL MOUNTED LINEARS	
IGHTING CONTROLLER WITH 16 ZONE, 16 SCENE, AND BLUETOOTH	2 (b)	LV3 & LV6	HJ - 2	STORE HIGHBAYS	
DL. LOCATE POWER SUPPLY ABOVE ACCESSIBLE CEILING OR ON	3 (f)	LV3 & LV6	HJ - 6	SIMULATION HIGHBAYS	
ILING. LITHONIA "NPOD TOUCH".	4 (h)	LV4 & LV5	HJ - 5	THEATER DOWNLIGHTS FRONT	
	5 (i)	LV4 & LV5	HJ - 5	THEATER DOWNLIGHTS MID-FRONT	
	6 (j)	LV4 & LV5	HJ - 5	THEATER DOWNLIGHTS MID-REAR	
	7 (k)	LV4 & LV5	HJ - 5	THEATER DOWNLIGHTS REAR	
	8 (m)	LV1	HJ - 3	GATHERING LIGHTS	
	9 (n)	LV2	HJ - 5	HALLWAY LIGHTS	
DIMMER PER RELAY. DIVISION 26 TO PROVIDE	10			SPARE	
TO ALL LIGHTING ON RELAYS ONE(1) THROUGH TRONOMIC TIMECLOCK. VOLTAGE BARRIER TO	-		VOLTAGE	BARRIER	
GE CONTACTS FOR FIRE ALARM INTERFACE.	11			SPARE	
ELAYS WITHIN PANEL. PANEL SHALL BE LITHONIA	12			SPARE	
	13 (c)	LV3 & LV6	LJ - 41	STORE FRONT DECORATIVE LIGHTING	
VOLTAGE SWITCHING SCHEDULE AND PROVIDING	14 (d)	LV3 & LV6	LJ - 43	STORE FRONT SIGNAGE	
CTORS FROM PANEL RELAYS IN ORDER TO	15 (e)	LV3 & LV6	LJ - 45	STORE FRONT SIGNAGE	
	16 (g)	LV4 & LV5	LJ - 41	THEATER SCONCES	
CHEDULES, SCENES, ETC. WITH OWNER'S REP TIONS.		S REFERENCE	LOWER CASE LETTI ROL WITH LOWER LE	NG TTERING AT FIXTURE.	
WALL SWITCHES TO RELAY PANELS AS SHOWN.					

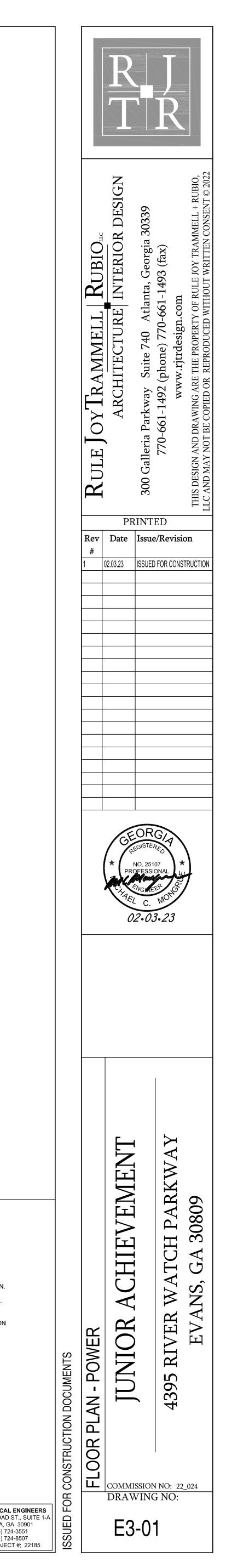
- 1. EXISTING HIGHBAY FIXTURES "HB" ARE NOT SHOWN. DIVISION 26 TO REMOVE ALL EXISTING FIXTURE WHICH FALL WITHIN AREA OR WORK AND REUTILIZE AS DIRECT ON THIS SHEET OR TURN OVER TO
- 2. LOWER CASE LETTERS AT SWITCHES AND LIGHT FIXTURES ON THIS SHEET ARE SHOWN TO CLARIFY THE FIXTURES BEING CONTROLLED BY THE ASSOCIATED SWITCHES. LETTERING AT EMERGENCY FIXTURES INDICATES CONTROL INPUT SWITCHLEG SOURCE TO OVERRIDE FROM NORMAL CIRCUIT.
- LAYOUT AND MATCH DEVICE LAYOUT ACCORDINGLY. REFER 1/4" SCALE PLANS FOR EACH CLASSROOMS ACTUAL CIRCUIT HOMERUN DESIGNATIONS. 4. OCCUPANCY SENSOR SHALL BE LOCATED TO PROVIDE MAXIMUM COVERAGE FOR ROOM. REFER TO
- 5. PROVIDE UN-SWITCHED EMERGENCY "HOT" CONDUCTOR FROM CIRCUIT "HLS-4" TO EACH EXIT SIGNS.
- 6. PROVIDE NEUTRAL CONDUCTOR TO ALL WALL MOUNTED OCCUPANCY SENSORS. IF SENSOR DOES
- 7. CONTRACTOR SHALL PROVIDE CLASS 2,600 VOLT RATED, 0-10 VOLT CONTROL WIRING FOR ALL L.E.D.
- 8. FOR ALL CONDUIT INSTALLATIONS, CONTRACTOR SHALL PULL #18 AWG TFN SOLID COPPER CONTROL WIRING IN SAME CONDUIT AS LINE-VOLTAGE CONDUCTORS SHALL BE PURPLE AND GRAY. FIXTURE WHIPS SHALL BE PROVIDED WITH CONTROL WIRING INSTALLED IN WHIPS TO MATCH INSTALLATION. FIXTURE WHIPS SHALL NOT EXCEED 6'-0" IN LENGTH, NO EXCEPTIONS.
- 9. WHERE EMERGENCY OVERRIDE RELAYS ARE SHOWN IN AREAS WITH GYPBOARD (OR INACCESSIBLE CEILINGS), RELAY SHALL BE LOCATED IN ADJACENT SPACE WITH ACOUSTICAL TILE CEILING. PROVIDE
- 10. HOMERUN CIRCUITS ARE SHOWN AS NOTED. PROVIDE ALL BRANCH CIRCUIT CONDUIT/CONDUCTORS/TRAVELERS AS NECESSARY TO CONNECT ALL DEVICES SHOWN ON THE CIRCUIT. PROVIDE DEDICATED NEUTRALS FOR ALL CIRCUITS.

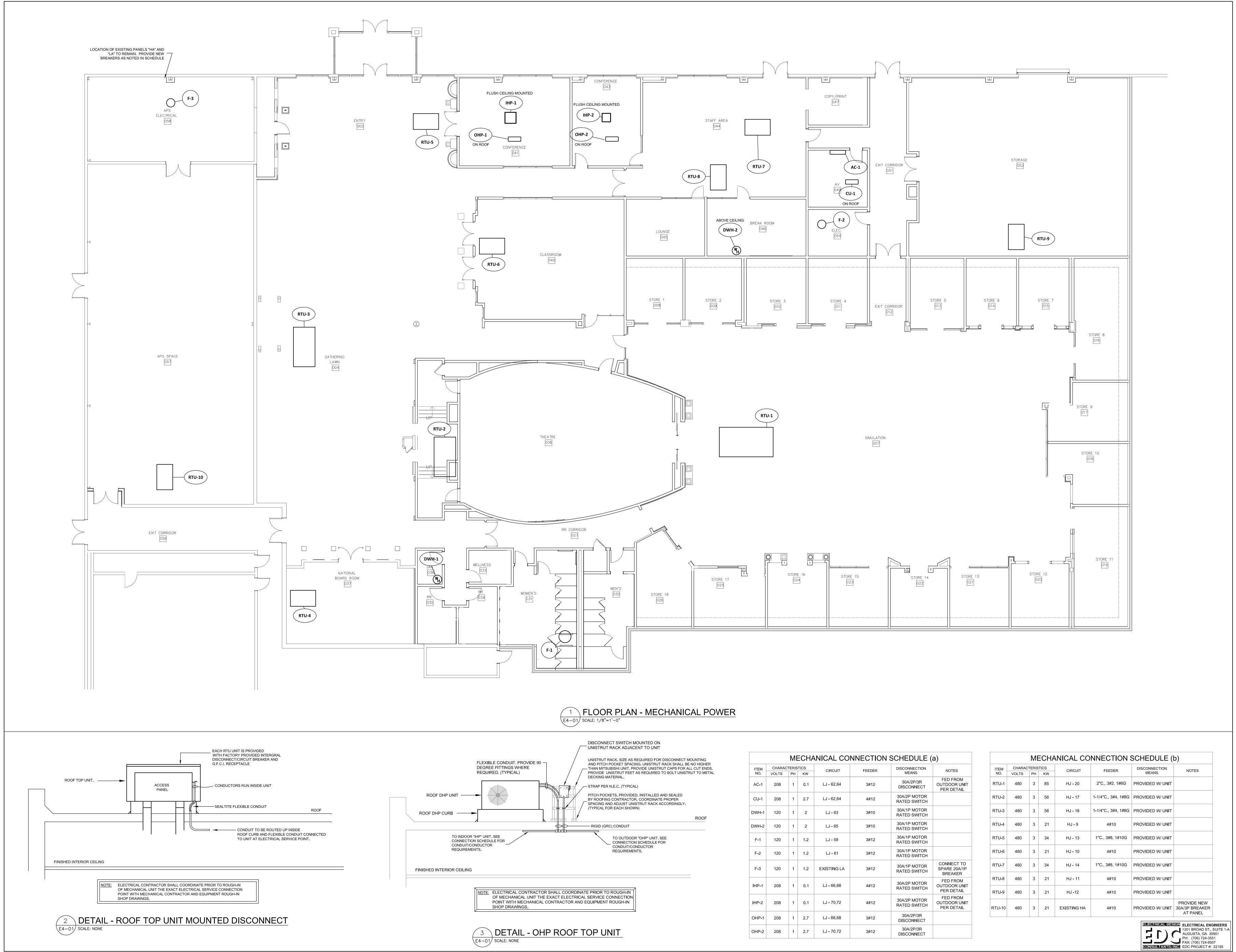






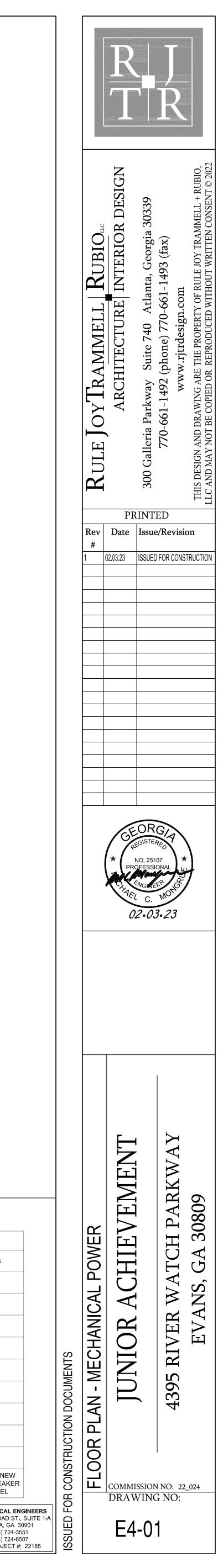
- CONDUIT/CONDUCTORS AS NECESSARY TO CONNECT ALL DEVICES SHOWN ON

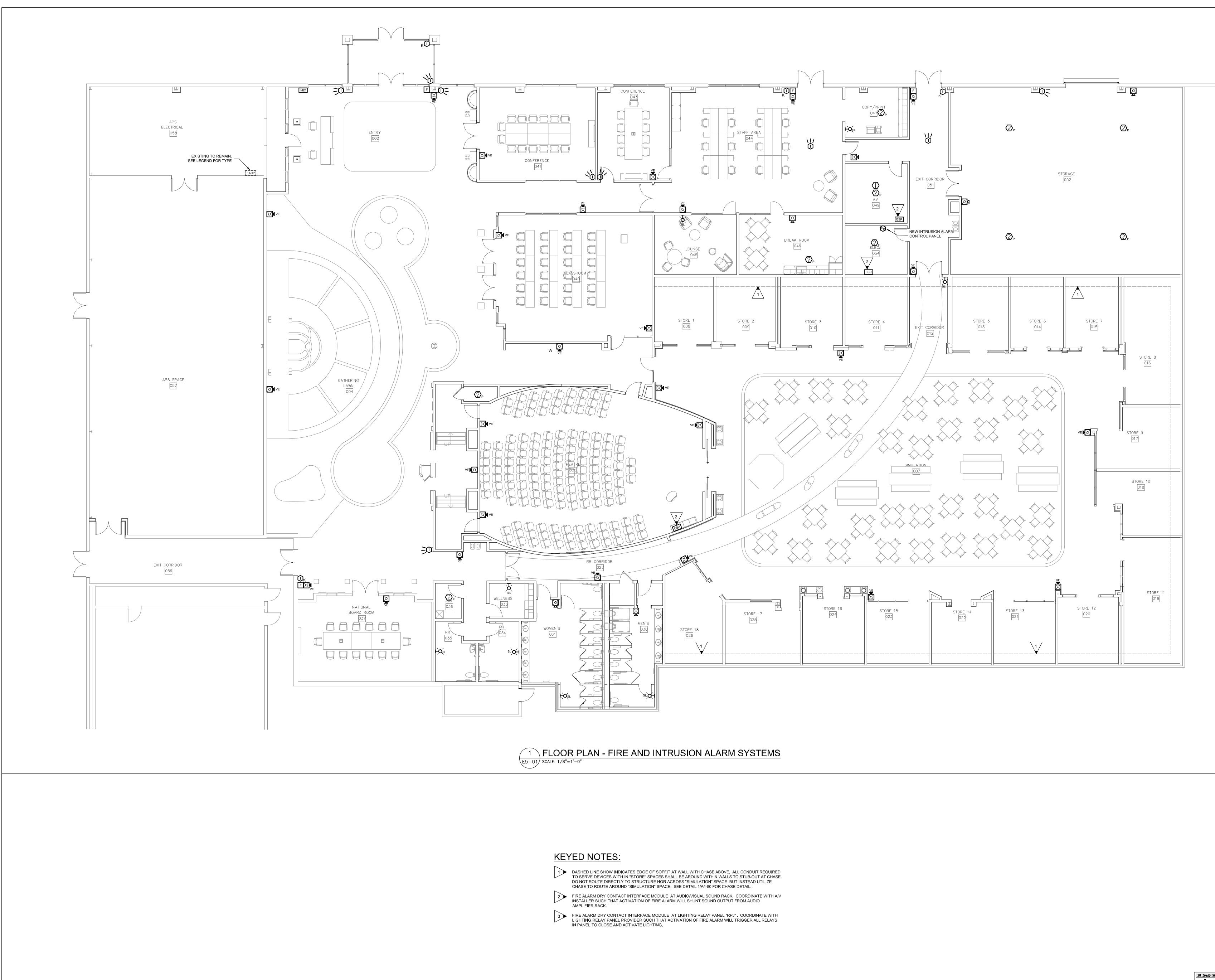


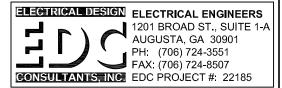


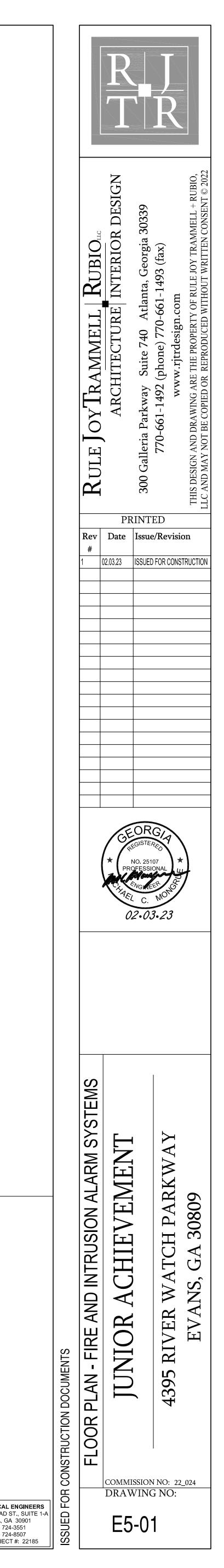
ME	ECHA	ANICAL CO	NNECTION	SCHEDULE (a)
ERIS PH	TICS KW	CIRCUIT	FEEDER	DISCONNECTION MEANS	NOTES
1	0.1	LJ - 62,64	3#12	30A/2P/3R DISCONNECT	FED FROM OUTDOOR UNIT PER DETAIL
1	2.7	LJ - 62,64	4#12	30A/2P MOTOR RATED SWITCH	
1	2	LJ - 63	3#10	30A/1P MOTOR RATED SWITCH	
1	2	LJ - 65	3#10	30A/1P MOTOR RATED SWITCH	
1	1.2	LJ - 59	3#12	30A/1P MOTOR RATED SWITCH	
1	1.2	LJ - 61	3#12	30A/1P MOTOR RATED SWITCH	
1	1.2	EXISTING LA	3#12	30A/1P MOTOR RATED SWITCH	CONNECT TO SPARE 20A/1P BREAKER
1	0.1	LJ - 66,68	4#12	30A/2P MOTOR RATED SWITCH	FED FROM OUTDOOR UNIT PER DETAIL
1	0.1	LJ - 70,72	4#12	30A/2P MOTOR RATED SWITCH	FED FROM OUTDOOR UNIT PER DETAIL
1	2.7	LJ - 66,68	3#12	30A/2P/3R DISCONNECT	
1	2.7	LJ - 70,72	3#12	30A/2P/3R DISCONNECT	

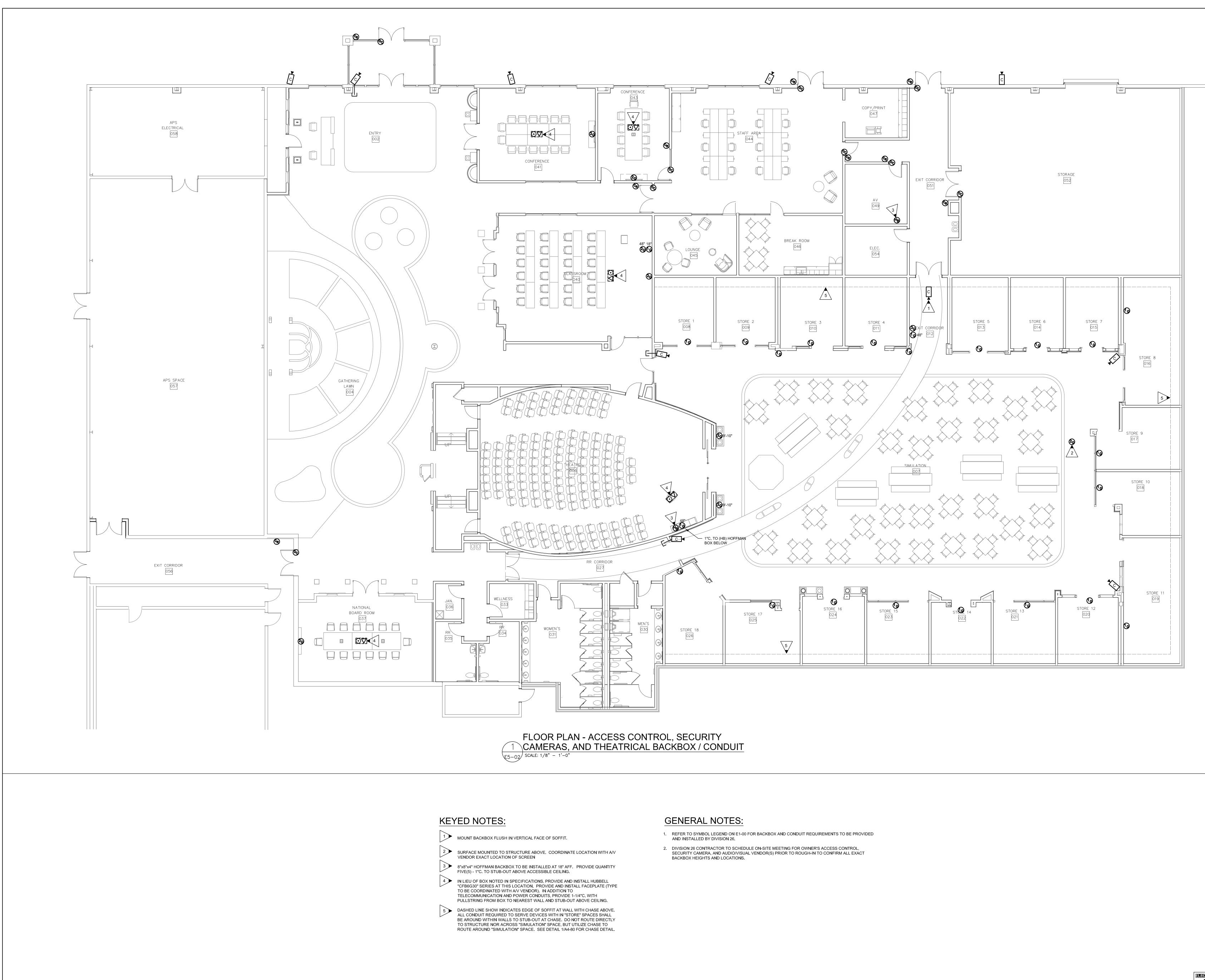
		ME	ECHA	ANICAL CO	NNECTION	SCHEDULE (b)
ITEM	CHARAC	TERIS	TICS	CIRCUIT	FEEDER	DISCONNECTION	NOTES
NO.	VOLTS	PH	KW			MEANS	
RTU-1	480	3	85	HJ - 20	2"C., 3#2, 1#6G	PROVIDED W/ UNIT	
RTU-2	480	3	56	HJ - 17	1-1/4"C., 3#4, 1#8G	PROVIDED W/ UNIT	
RTU-3	480	3	56	HJ - 18	1-1/4"C., 3#4, 1#8G	PROVIDED W/ UNIT	
RTU-4	480	3	21	HJ - 9	4#10	PROVIDED W/ UNIT	
RTU-5	480	3	34	HJ - 13	1"C., 3#8, 1#10G	PROVIDED W/ UNIT	
RTU-6	480	3	21	HJ - 10	4#10	PROVIDED W/ UNIT	
RTU-7	480	3	34	HJ - 14	1"C., 3#8, 1#10G	PROVIDED W/ UNIT	
RTU-8	480	3	21	HJ - 11	4#10	PROVIDED W/ UNIT	
RTU-9	480	3	21	HJ -12	4#10	PROVIDED W/ UNIT	
RTU-10	480	3	21	EXISTING HA	4#10	PROVIDED W/ UNIT	PROVIDE NE 30A/3P BREAK AT PANEL



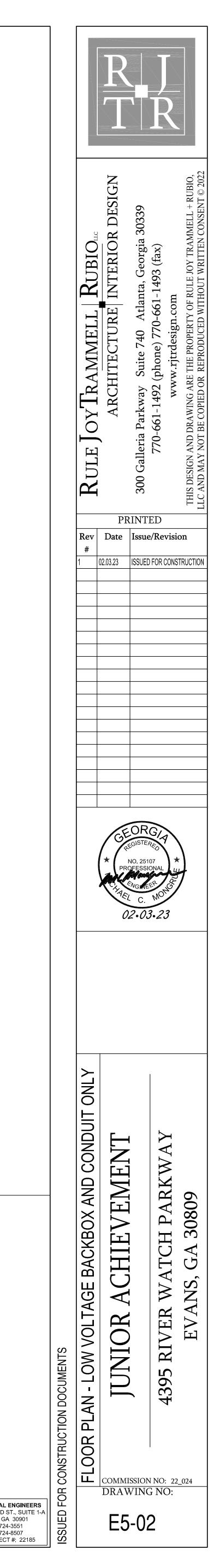






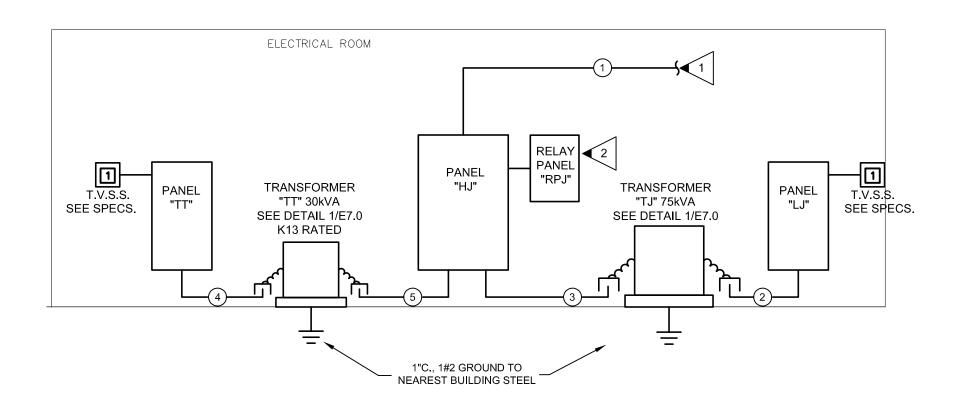






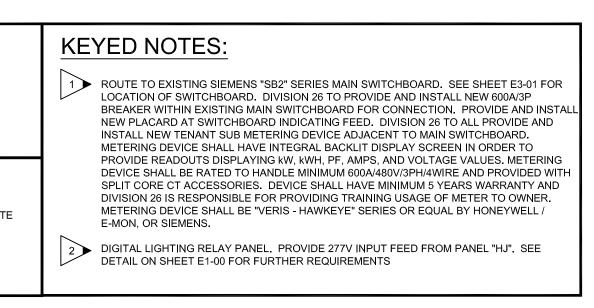
							PA	$\overline{\left \right }$	١E	L	Η	J					
VOLTAGE	480	/277					MAI	N A	MPS		6	00			LOCA	ATION	ELECTRICAL ROOM
PHASE		3						、 D	ATING		22	000			MOUI	NTING	SURFACE
WIRE		4					A.I.C	<u>л</u> п.	ATING		ΖΖ,	000			M/	AIN	BREAKER
SERVING			(KVA)		BREAK		скт			СКТ		REAKER			(KVA)		SERVING
JEIVING	LTS	REC	HVAC	MISC	AMPS	Ρ	NO.			NO.	P	AMPS	LTS	REC	HVAC	MISC	SERVING
STAFF/CONF LIGHTS	2.8				20	1	1			2	1	20	2.9				STORE HIGHBAYS LIGHTS
GATHERING/BOARD LGTS	3.0				20	1	3			4	1	20	1.3				STORE WALL LIGHTS
THEATRE/RR LIGHTS	1.2				20	1	5			6	1	20	2.1				SIMULATION LIGHTS
SPARE					30	3	7		+	8	3	30					SPARE
									++	-							
RTU-4			21.6		30	3	9	-		10	3	30			21.6		RTU-6
										_							
						_				-	<u> </u>						
RTU-8			21.6		30	3	11		+	12	3	30			21.6		RTU-9
									+	-							
RTU-5			34		45	3	13			14	3	45			34.0		RTU-7
										-							
TRANSFORMER "TT"		15			50	3	15			16	3	60					SPARE
																	SI / IKE
										_							
RTU-2			56.5		80	3	17		+ +	18	3	80			56.5		RTU-3
									++	-							
TRANSFORMER "TJ"		60			100	3	19			20	3	125			85		RTU-1
										-							
									+	-							
									•	-	-						
										-							

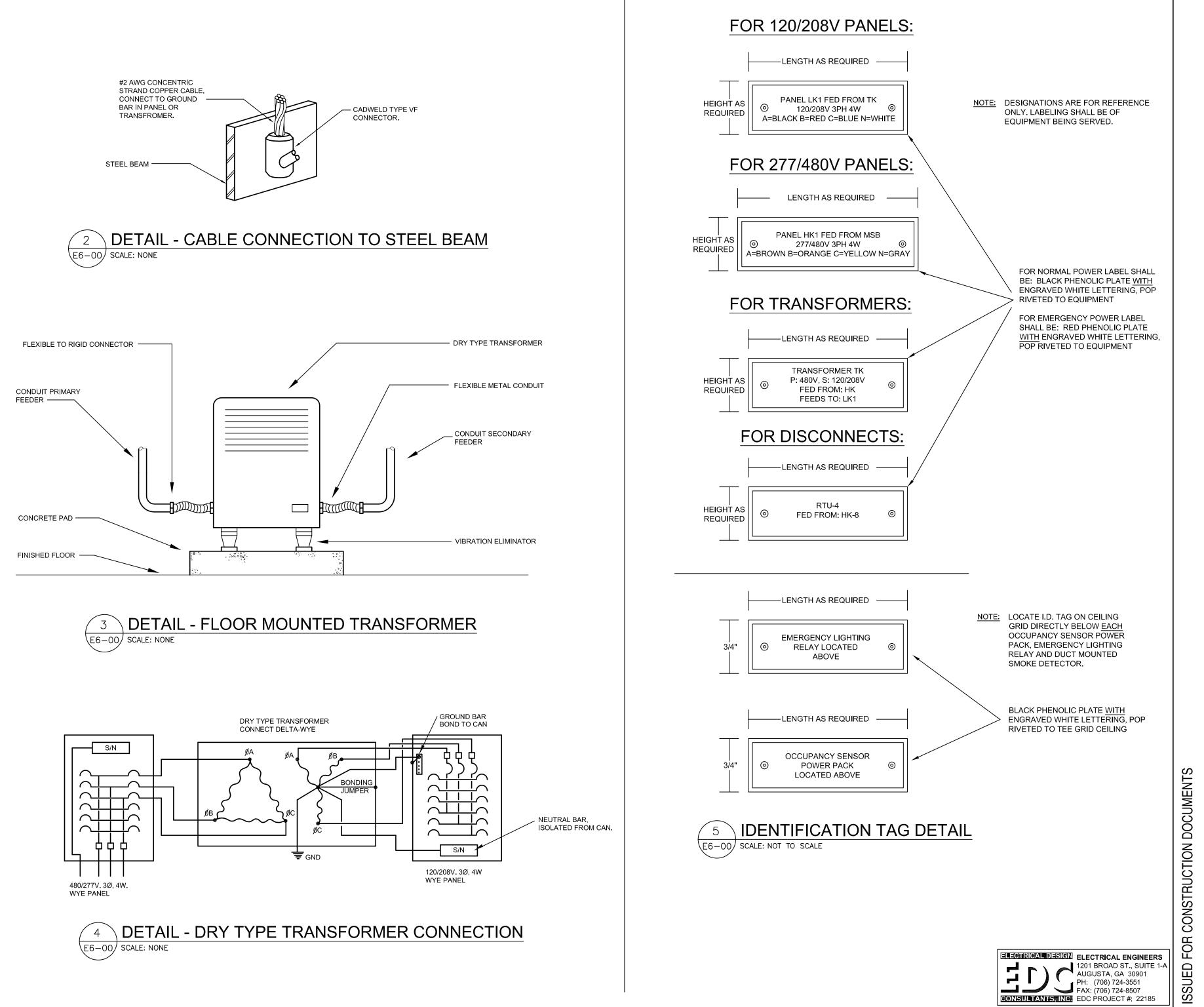
	FEEI	DER SC	HEDULE	TVSS LEGEND: SEE SPECIFICATION FOR DETAILS
DESIGNATION	AMPERES		COPPER (CU)	DISTRIBUTION PANELS (120/208 VOLTS, 3 PHASE)
DESIGNATION		CONDUIT	CONDUCTORS	
1	600A	2 - 4"	4#350MCM 1#1G (IN EACH)	
2	225A	2-1/2"	4#4/0, 1#2GND	
3	100A	1-1/2"	3#2, 1#8GND	<u>GENERAL NOTES:</u>
4	100A	1-1/2"	3#2, 1#2/0, 2#8GND	1. CONTRACTOR SHALL CONFIRM ALL PANELBOARDS ARE PROVIDED WITH APPROPRIATE LUGS (SIZE AND QUANTITY) TO ACCEPT THE FEEDERS SHOWN ABOVE. PROVIDE
5	50A	1"	3#8, 1#10GND	COORDINATION LETTER WITH SUBMITTALS NOTING SUCH.



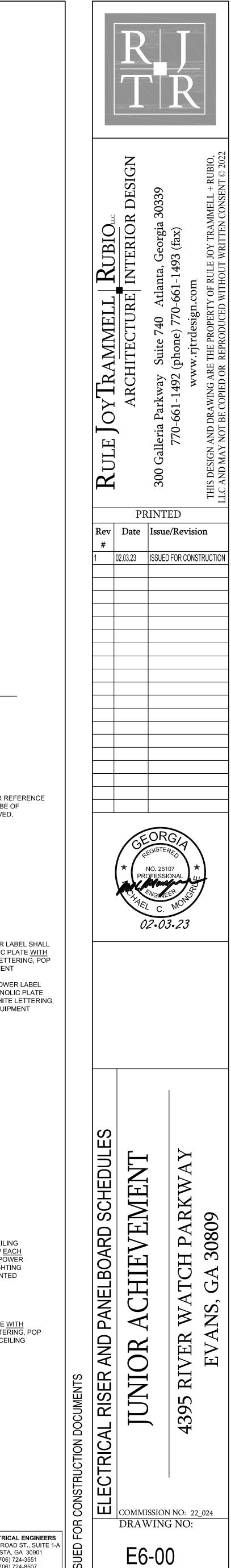
1 ELECTRICAL RISER DIAGRAM E6-00 SCALE: NONE

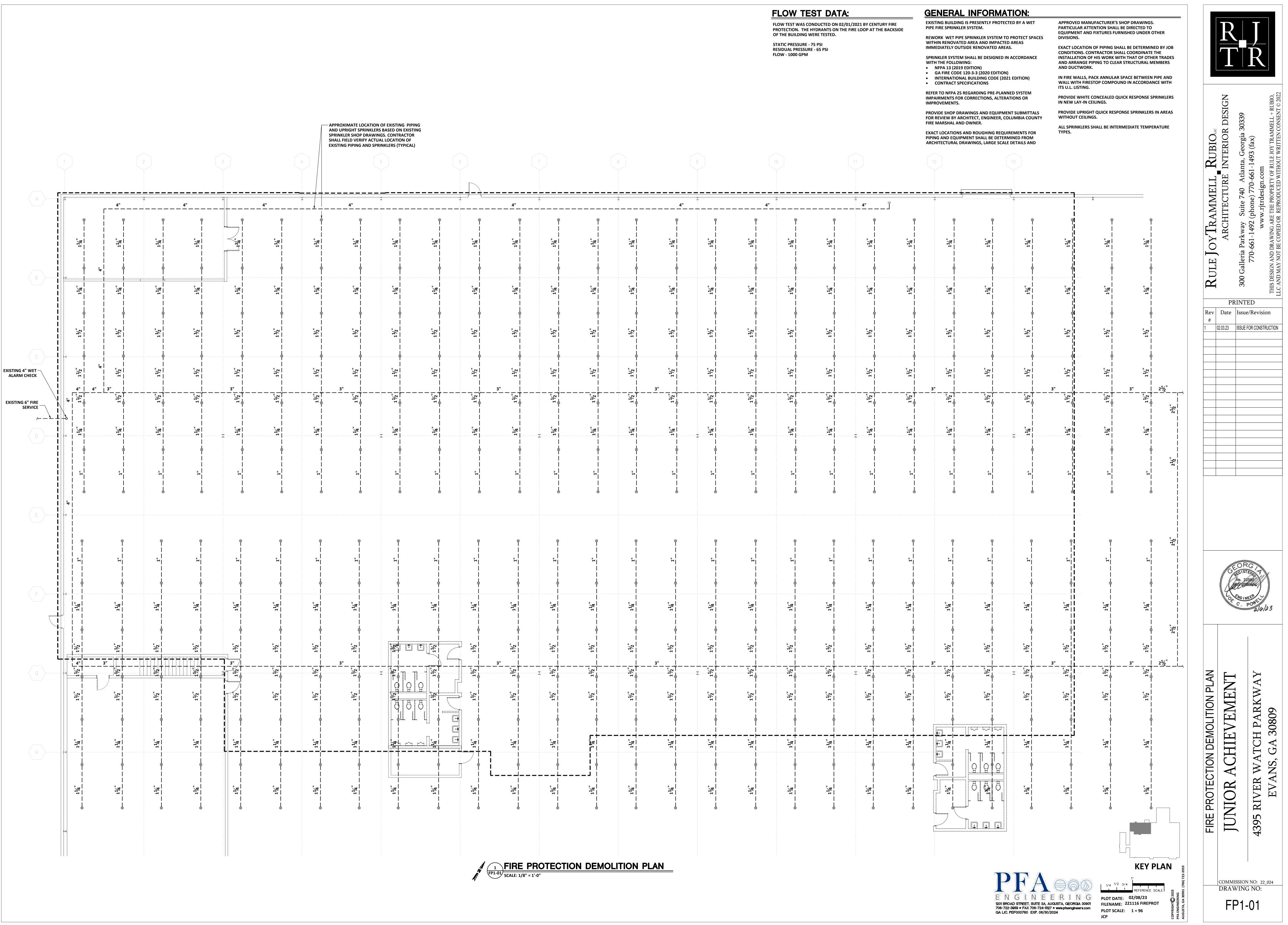
							P	A١		E			J					
VOLTAGE	208	/120						IN A				2	25			LOCA		ELECTRICAL ROOM
PHASE		 3	-														ITING	SURFACE
WIRE		5 4	-				A.I.0	C. R	ATIN	٩G		10,	000			MA		BREAKER
																		BREAKER
		LOAD	(KVA)		BREAK	R					0./T	B	REAKER		LOAD	(KVA)		
SERVING	LTS	1	HVAC	1	AMPS	P	CKT NO.				CKT NO.	P	AMPS	LTS	1	HVAC	MISC	SERVING
ELEC/CORRIDOR		1.2			20	1	1				2	1	20		1.0			STORE #1
WATER COOLER				0.4	20*	1	3	1+			4	1	20		1.0			STORE #2
WATER COOLER				0.4	20*	1	5	1+	_		6	1	20		1.0			STORE #3
STORAGE		0.8			20	1	7	1+		+	8	1	20		1.0			STORE #4
STORAGE		0.8			20	1	9	1+	-	+	10	1	20		1.8			SIMULATION
STORAGE		0.8			20	1	11	1+		+	12	1	20		1.0			STORE #5
COPIER				0.9	20	1	13	1+		+	14	1	20		1.0			STORE #6
COPY PRINT / STAFF		1.6			20	1	15]+	-	+	16	1	20		1.0			STORE #7
STAFF AREA		1.0			20	1	17	1+		+	18	1	20		1.0			STORE #8
BREAK RM COUNTER		0.4			20	1	19	1-+-	_	+	20	1	20		1.0			STORE #9
DISHWASHER				1.2	20*	1	21	1+	-	+	22	1	20		1.0			STORE #10
REFRIGERATOR				1.1	20*	1	23	1+	_	+	24	1	20		1.0			STORE #11
BREAK RM / LOUNGE		1.4			20	1	25	1+	_	+	26	1	20		1.0			STORE #12
CLASSROOM		1.0			20	1	27	1+		+	28	1	20		1.0			STORE #13
CLASSROOM		1.0			20	1	29	1+		+	30	1	20		1.0			STORE #14
CONFERENCE		1.0			20	1	31	1-		+	32	1	20		1.0			STORE #15
CONFERENCE		1.0			20	1	33	1-		+	34	1	20		1.0			STORE #16
ENTRY / GATHERING		1.2			20	1	35	1+	_	-	36	1	20		1.0			STORE #17
THEATRE		1.2			20	1	37	1-		+	38	1	20		1.0			STORE #18
THEATRE ENTRANCE		1.0			20	1	39	1-		+	40	1	20		1.2			GANG TOILETS / WELLNESS
SIM DECORATIVE LIGHTS	0.4				20	1	41	1+	_	-	42	1	20		1.2			JANITOR / TOILETS
STORE SIGNAGE	1.8				20	1	43	1+		+	44	1	20*				0.4	WATER COOLER
STORE SIGNAGE	1.8				20	1	45	1+	-	+	46	1	20*				0.4	WATER COOLER
THEATER ENTRY LIGHTS	0.5				20	1	47	1-	_	+	48	1	20		1.2			BOARD ROOM
SPARE					20	1	49	1+	_	+	50	1	20					SPARE
SPARE					20	1	51	1-	_	+	52	1	20					SPARE
SPARE					20		53	1_		+	54							SPARE
SPARE					20	1	55	1.	_	+	56		20					SPARE
SPARE					20	1	57	1_	-	_	58		20					SPARE
F-1			1.2		20	1	59	1_	_	+	60		20					SPARE
F-2			1.2		20	1		14		_	62					2.8		AC-1 / CU-1
DWH-1			2.0		30	1		1_	-	_	64	-				2.0		,
DWH-2			2.0		30	1	65	1		-	66	2	20			2.8		IHP-1 / OHP-1
T.V.S.S.			2.0		40	3		┨_┢_		\downarrow	68	<u> </u>	20			2.0		
1. 1.0.0.					10		69	1_	_	_	70	2	20			2.8		IHP-2 / OHP-2
							71	1		-	70	<u> </u>	20			2.0		
							, 1	┨_┢_	_	\perp	74	-						
								┤⊥	_	_	76							
								┤⊥		-	78							
								┤╻		\perp	80							
								1_		\perp	80							
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L	I	I	1	1	1		1	1		_		[1	1	1	1		



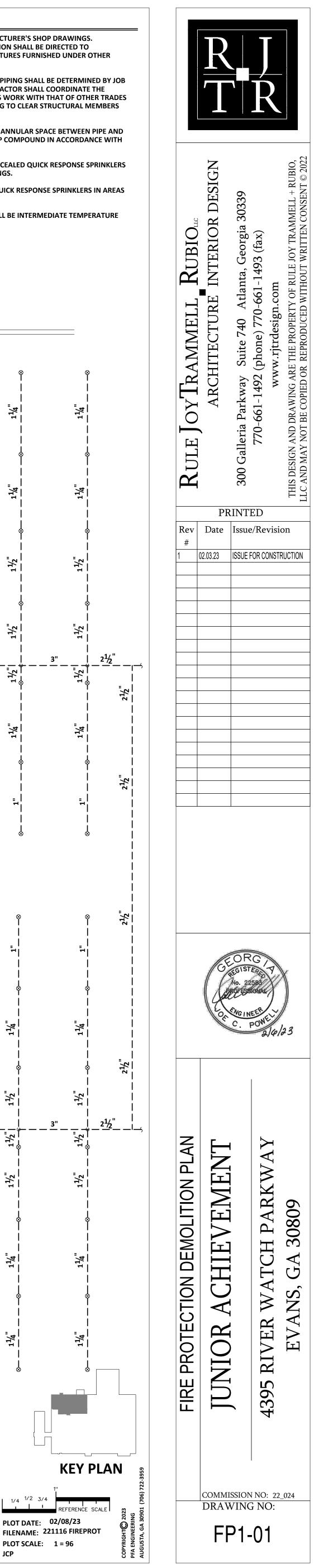


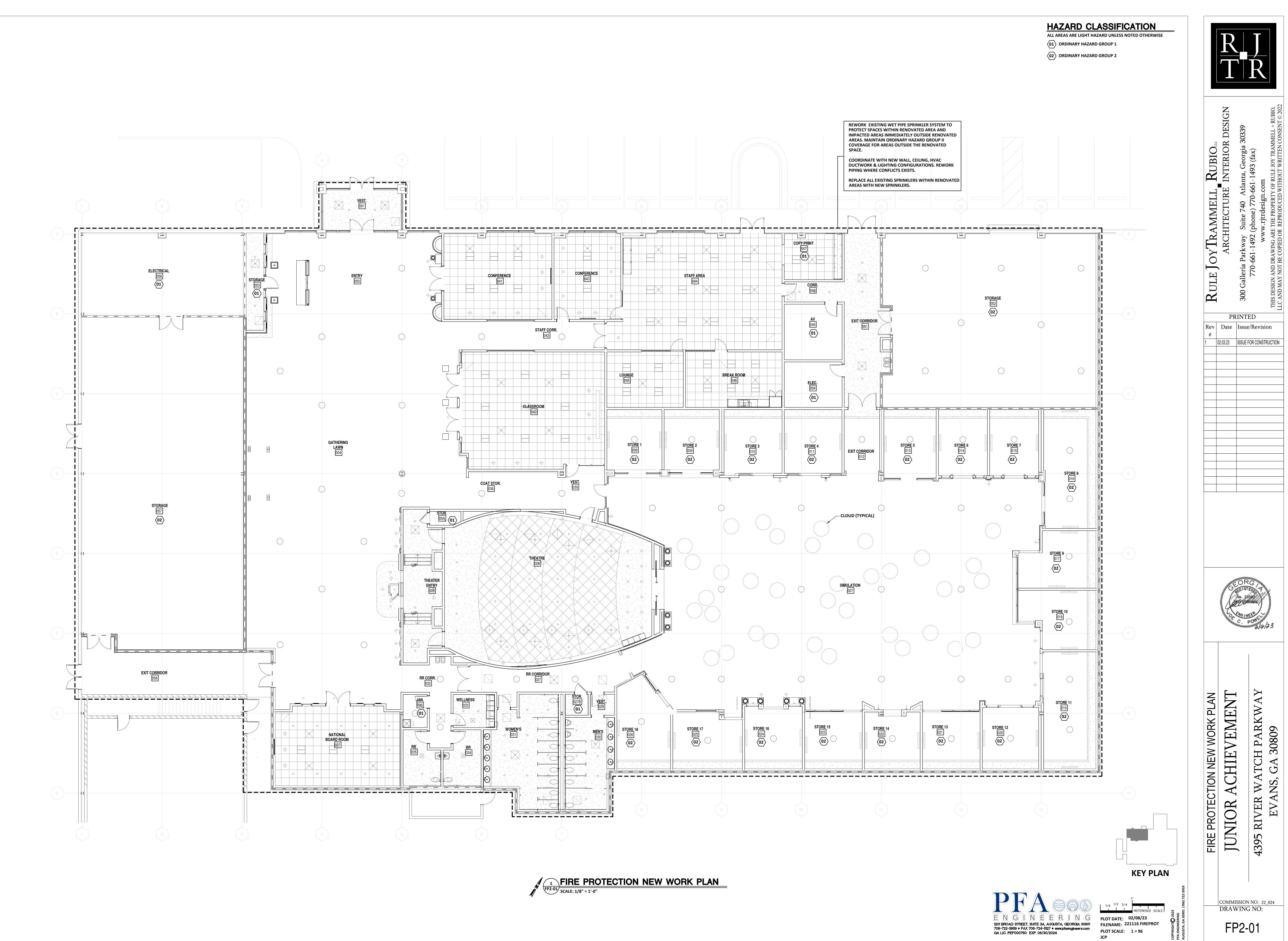
Г.				1													
							P P	$\gamma \mid $	ΛF								
VOLTAGE	208	/120					MAI	ΝA	MPS		10	00			LOCA	ATION	ELECTRICAL ROOM
PHASE		3									10				NOU	NTING	SURFACE
WIRE		4					A.I.C	. KA	ATING		10,0	000			M	AIN	BREAKER
												!					
		LOAD	(KVA)	-	BREAK	ER	скт			скт	BF	REAKER		LOAD	(KVA)		
SERVING	LTS	REC	HVAC	MISC	AMPS	Р	NO.			NO.	Ρ	AMPS	LTS	REC	HVAC	MISC	SERVING
CONFERENCE ROOMS		1.5			20	1	1			2	1	20		0.8			DATA RACK
STAFF FLOOR		1.1			20	1	3		•	4	1	20		0.8			DATA RACK
STAFF FLOOR		1.1			20	1	5		+	6	1	20		0.5			A/V RACK
ENTRY DESKS		1.3			20	1	7	-∳	+	8	1	20		0.6			A/V WALL
CLASSROOM		1.5			20	1	9		─┼─	10	2	30					SPARE
THEATER PROJECTOR/SCR		1.4			20	1	11	1	+-+	12							
THEATER FLOOR		0.8			20	1	13		+	14	2	30					SPARE
SIMULATION SCREENS		1.1			20	1	15		───	16							
BOARD ROOM		0.8			20	1	17	1	┼	18	1	20					SPARE
SPARE					20	1	19	-∳	+	20	3	40					T.V.S.S.
SPARE					20	1	21		───	22							
SPARE					20	1	23		+++	24							
SPACE							25	-∳	+	26							SPACE
SPACE							27	1		28							SPACE
SPACE							29		++	30							SPACE
SPACE							31	-∳	+	32							SPACE
SPACE							33		─┼─	34							SPACE
SPACE							35		+-+	36							SPACE
SPACE							37		+	38							SPACE
SPACE							39	<u> </u>	•	40							SPACE
SPACE							41			42							SPACE

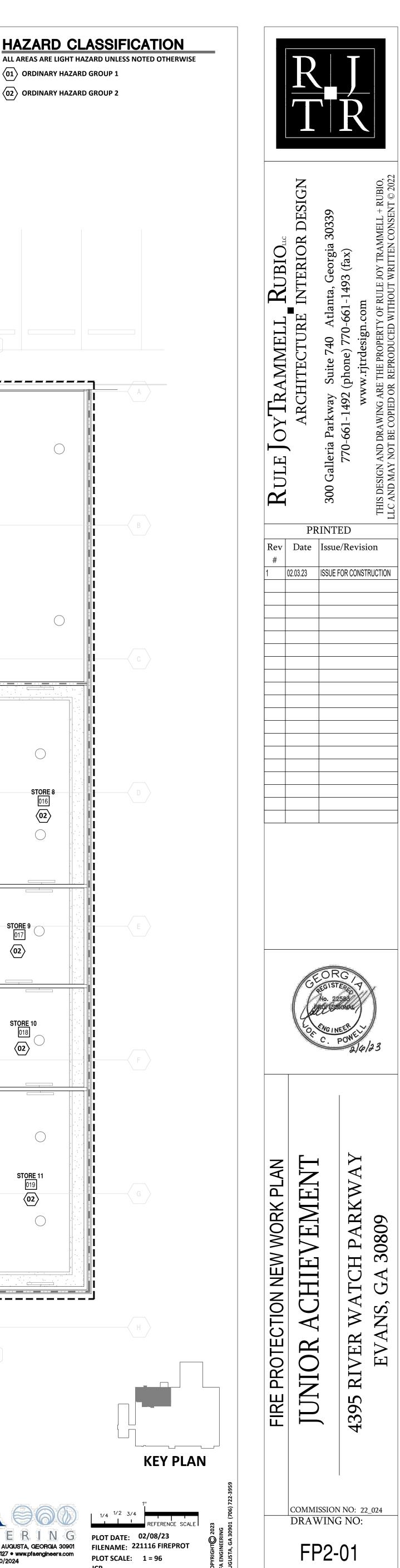


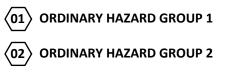


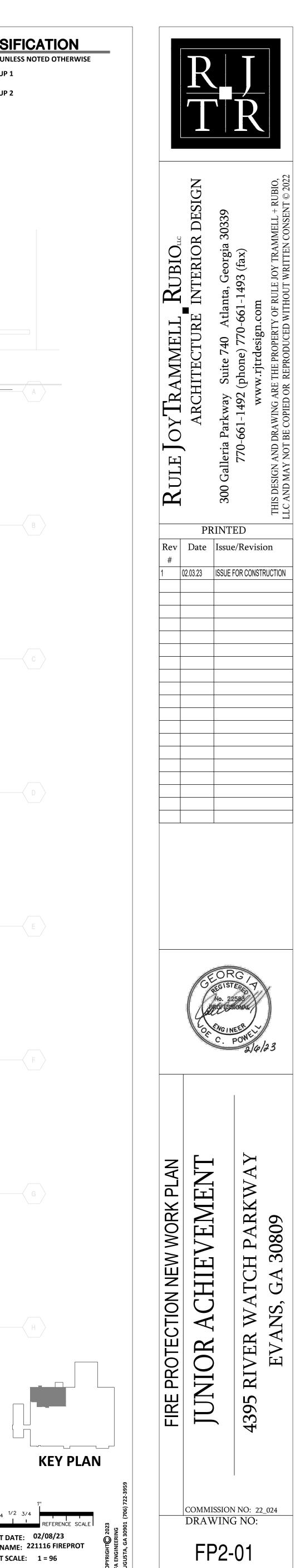




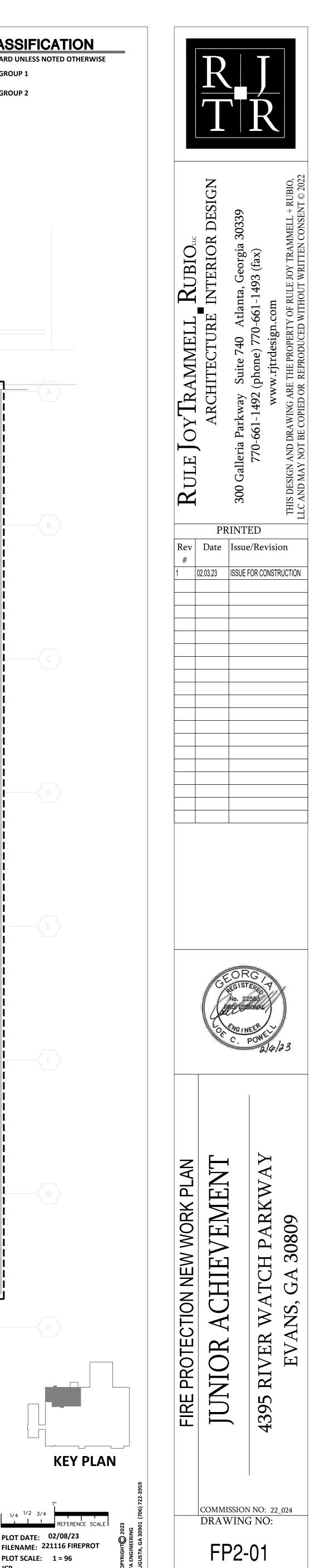


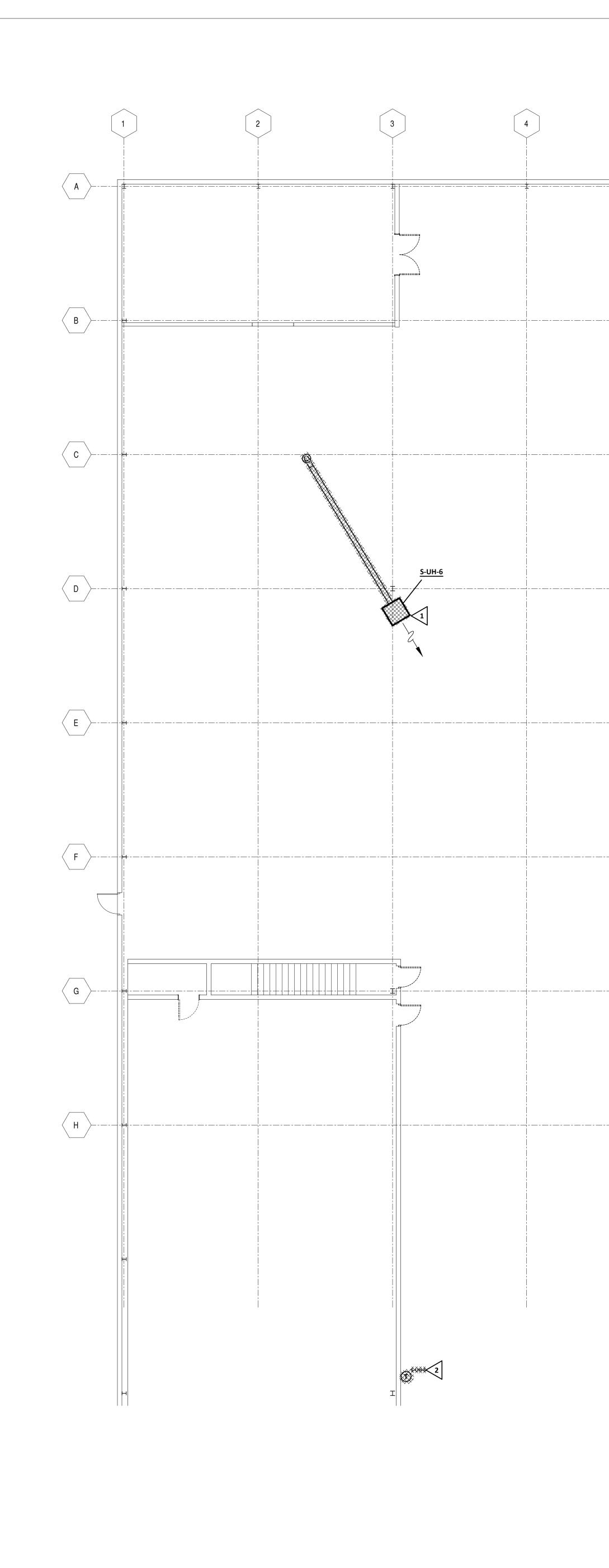


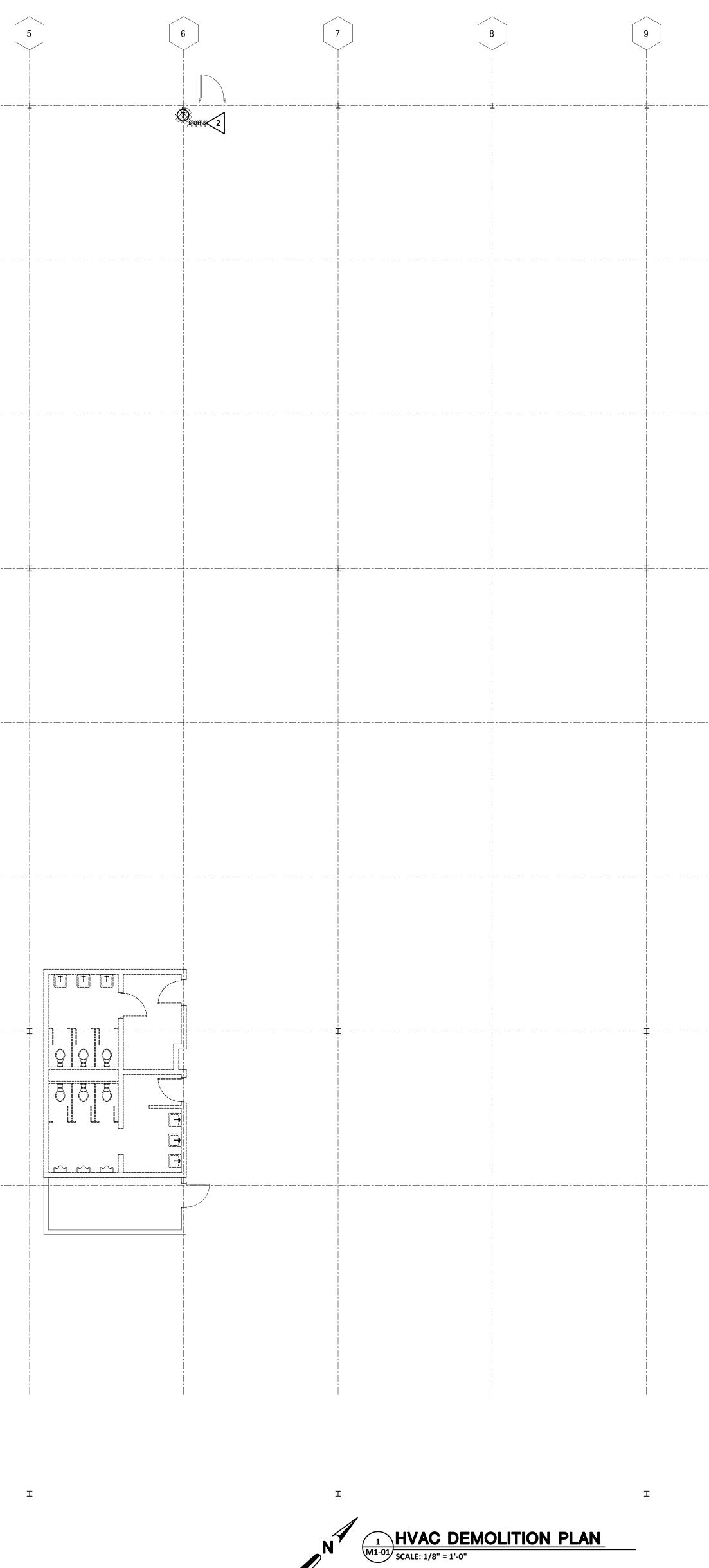












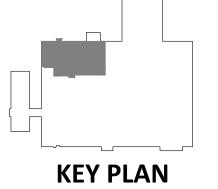


DEMOLITION NOTES (THIS SHEET ONLY):

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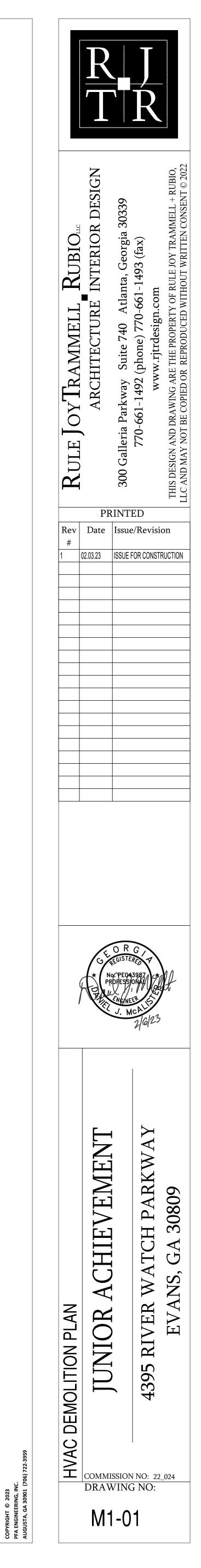
1 REMOVE AND STORE EXISTING UNIT HEATER FOR USE IN NEW WORK. REMOVE VENT AND COMBUSTION AIR DUCTS. CAP EXISTING ROOF TERMINATION. SEE NEW WORK PLAN.

2 REMOVE EXISTING THERMOSTAT FOR USE IN NEW WORK. SEE NEW WORK PLAN.

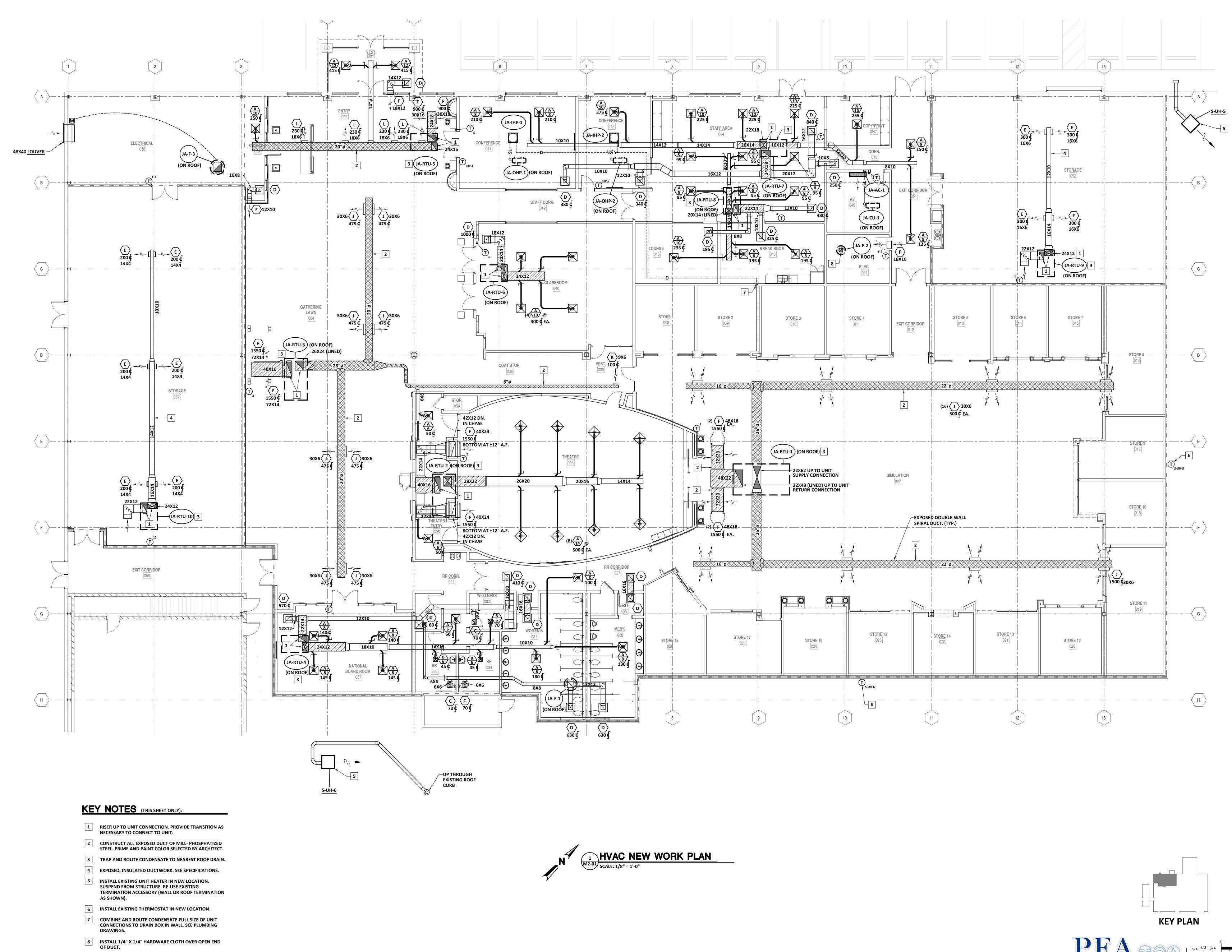




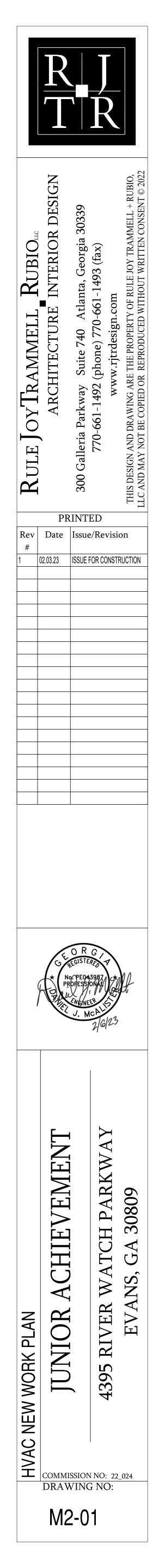
Ι



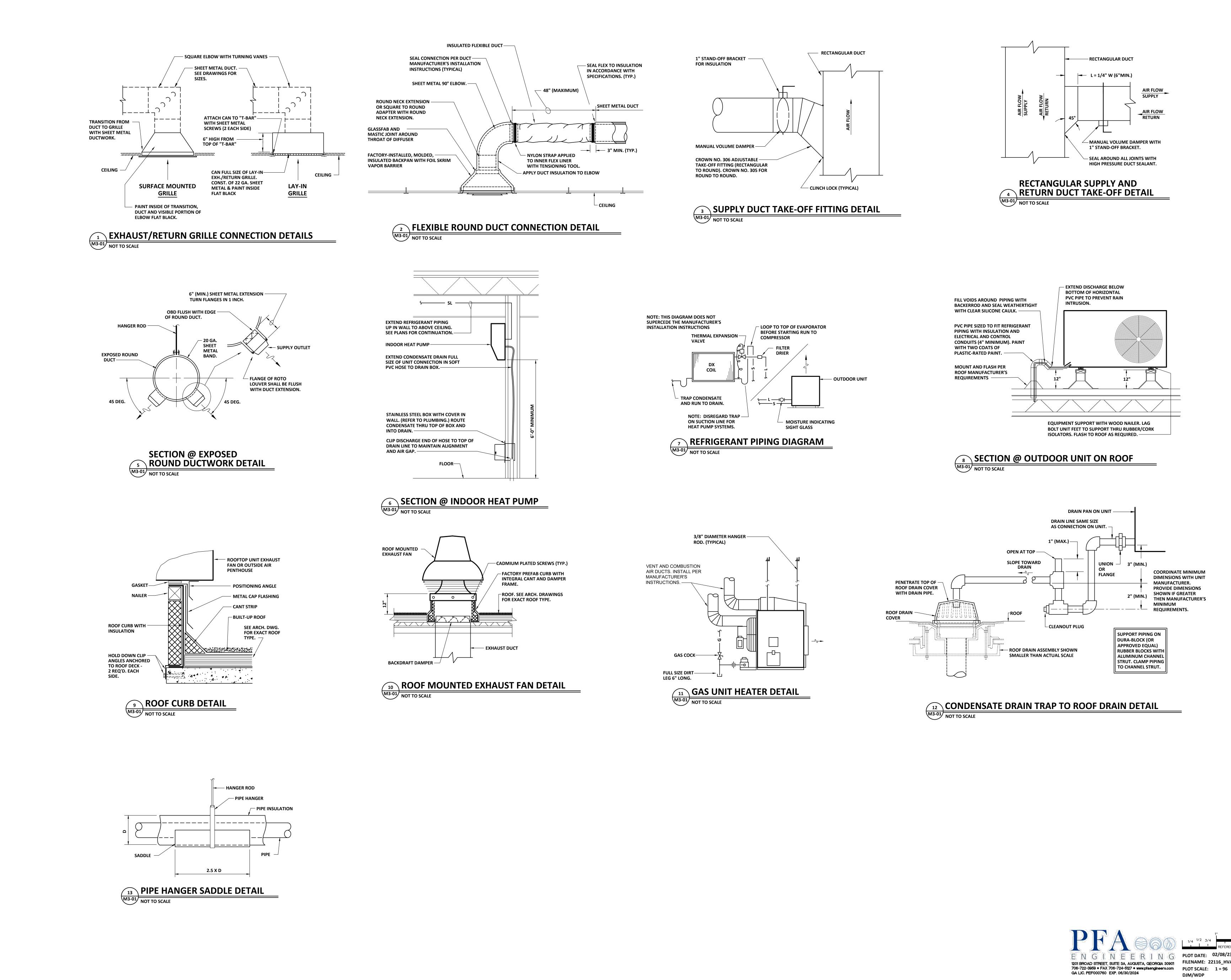
RENCE SCAL



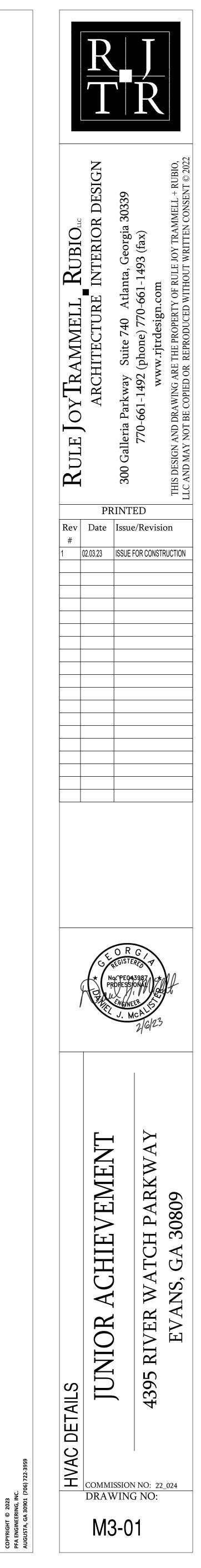
ERENĊE SCALI E N G I N E E R I N G 1201 BROAD STREET, SUITE 3A, AUGUSTA, GEORGIA 30901 706-722-3959 * FAX 706-724-5127 * www.pfaengineers.com GA LIC. PEF000760 EXP. 06/30/2024 PLOT DATE: 02/08/23 FILENAME: 22116_HVAC PLOT SCALE: 1 = 96 DJM/WDP DJM/WDP



COF PFA AU(



PLOT DATE: FILENAME: 22116_HVAC



	ΗΕΔΤ	PIIMP	SCHEDUL	F
 INDUUN	псаі	FUIVIF	JUNEDUL	

ITEM	SUPPLY	FAN	DRIVE	COOLING	CAP. MBH (1)	TRANE MODEL	REMARKS
	CFM	W	DRIVE	SENSIBLE	TOTAL	NO.	REWARKS
JA-IHP-1	425	90	DIRECT	12.5	17.7	NTXCKS18	(2)
JA-IHP-2	300	50	DIRECT	8.8	12.0	NTXCKS12	(2)

COOLING ITEM MBH JA-OHP-1 17.7 JA-OHP-2 12.0

(1) RATINGS IN ACCORDANCE WITH APPROPRIATE A.H.R.I. STANDARD.

(1) RATINGS IN ACCORDANCE WITH APPROPRIATE A.H.R.I. STANDARD.

(2) 2' X 2' NOM. 4-WAY CEILING CASSETTE INDOOR AIR HANDLING UNIT. PROVIDE WITH ELECTRICAL DISCONNECT MEANS, WASHABLE FILTER, AND WALL CONTROLLER.

	INDOOR A/C UNIT SCHEDULE													
ITEM	SUPPLY	FAN	DRIVE	COOLING	CAP. MBH (1)	TRANE MODEL	REMARKS							
	CFM	W	DRIVE	SENSIBLE	TOTAL	NO.	REWIARKS							
JA-AC-1	375	105	DIRECT	13.1	18.0	TPKA0A018	(2)							

(1) RATINGS IN ACCORDANCE WITH APPROPRIATE A.H.R.I. STANDARD.

(2) HIGH-WALL INDOOR AIR HANDLING UNIT. PROVIDE WITH ELECTRICAL DISCONNECT MEANS, WASHABLE FILTER, AND WALL CONTROLLER.

	PACKAGED HEATING & AIR CONDITIONING UNIT SCHEDULE														
	NOM.	SUPPLY	ESP	OA	COOLING CAP. MBH		HEA	TING							
ITEM	TONS	CFM	(IN. WG)	CFM	SENS./TOT. (1)	SEER	ĸw	STAGES	CARRIER MODEL NO.	REMARKS					
JA-RTU-1	20	8000	0.70	1800	190.0/240.0	18.0 IEER	68.9	2	50LC24	(2)(3)(4)					
JA-RTU-2	10	4000	0.7	900	95.0/115.0	20.0 IEER	38.3	2	50LC12	(2)(3)(4)					
JA-RTU-3	10	4000	0.7	900	95.0/115.0	20.0 IEER	38.3	2	50LC12	(2)(3)(4)					
JA-RTU-4	3	1200	0.5	150	24.8/32.9	16.0	12.9	2	50GC04	(2)(4)					
JA-RTU-5	5	2000	0.5	200	43.0/60.0	16.0	22.0	2	50GC06	(2)(3)(4)					
JA-RTU-6	3	1200	0.5	200	24.8/32.9	16.0	12.9	2	50GC04	(2)(4)					
JA-RTU-7	5	2000	0.5	200	43.0/60.0	16.0	22.0	2	50GC06	(2)(3)(4)					
JA-RTU-8	3	1200	0.5	200	24.8/32.9	16.0	12.9	2	50GC04	(2)(4)					
JA-RTU-9	3	1200	0.5	0	24.8/32.9	16.0	12.9	2	50GC04	(2)					
JA-RTU-10	3	1200	0.5	0	24.8/32.9	16.0	12.9	2	50GC04	(2)					

(1) RATINGS IN ACCORDANCE WITH APPROPRIATE A.H.R.I. STANDARD.

(2) ROOFTOP PACKAGED ELECTRIC/ELECTRIC UNIT WITH HOT GAS REHEAT DEHUMIDIFICATION, PHASE LOSS ALARM, DIRTY FILTER SENSOR, CONDENSATE OVERFLOW SWITCH, 2" THICK MERV-8 FILTERS, POWERED

CONVENIENCE OUTLET, AND ELECTRICAL DISCONNECT MEANS. (3) PROVIDE WITH COMPARATIVE ENTHALPY ECONOMIZER AND BAROMETRIC RELIEF DAMPER.

(4) PROVIDE WITH BIPOLAR IONIZATION UNIT AS SPECIFIED.

		AIR I	DISTRIBUTIO	N SCHEDUI	.E	
MARK	ТҮРЕ	NECK (1) CONNECTION	FINISH	OBD	PRICE NO. UNLESS NOTED	REMARKS (2)
$\begin{pmatrix} A \\ 6 \end{pmatrix}$	CEILING DIFFUSER	6"ø	MANUFACTURER'S STANDARD FINISH	NO	SCD-4C	24 X 24 PANEL (3)
A 8	CEILING DIFFUSER	8"ø	MANUFACTURER'S STANDARD FINISH	NO	SCD-4C	24 X 24 PANEL (3)
A 10	CEILING DIFFUSER	10"ø	MANUFACTURER'S STANDARD FINISH	NO	SCD-4C	24 X 24 PANEL (3)
A 12	CEILING DIFFUSER	12"ø	MANUFACTURER'S STANDARD FINISH	NO	SCD-4C	24 X 24 PANEL (3)
A 14	CEILING DIFFUSER	14"ø	MANUFACTURER'S STANDARD FINISH	NO	SCD-4C	24 X 24 PANEL (3)
$\begin{pmatrix} B \\ 6 \end{pmatrix}$	CEILING DIFFUSER	6"ø	MANUFACTURER'S STANDARD FINISH	NO	SCD	12 X 12 PANEL (3)
C	CEILING RETURN/EXHAUST	10" X 10"	MANUFACTURER'S STANDARD FINISH	NO	80	12 X 12 PANEL WITH BORDER FRAME
	CEILING RETURN/EXHAUST	22" X 22"	MANUFACTURER'S STANDARD FINISH	NO	80	24 X 24 PANEL WITH BORDER FRAME
F	RETURN GRILLE	SEE PLANS	MANUFACTURER'S STANDARD FINISH	NO	535	45° DEFLECTION 1/2" BLADE SPACING
L	HIGH-CAPACITY DRUM LOUVER	30" X 6"	(4)	YES	HCD	W/ SURFACE MOUNT BORDER
К	HIGH-CAPACITY DRUM LOUVER	9" X 6"	(4)	YES	HCD	W/ SURFACE MOUNT BORDER
L	HIGH-CAPACITY DRUM LOUVER	18" X 6"	(4)	YES	HCD	W/ SURFACE MOUNT BORDER
LOUVER	STATIONARY LOUVER	SEE PLANS	(4)	NO	GREENHECK ESD-635	FLANGE FRAME BIRDSCREEN

(1) DUCT RUNOUT SIZE SAME AS NECK CONNECTION SIZE, UNLESS NOTED OTHERWISE.

(2) PROVIDE LAY-IN TYPE FOR T-BAR CEILINGS AND SURFACE TYPE FOR ALL OTHER CEILINGS. REFER TO ARCHITECTURAL FINISH SCHEDULE FOR CEILING TYPES.

(3) PROVIDE WITH REMOVABLE CORE (RC) AND MOLDED, INSULATED BACKPAN WITH FOIL SKRIM VAPOR BARRIER.

(4) BAKED ENAMEL FINISH. COLOR AS SELECTED BY ARCHITECT.

	Т
ITEM	
JA-CU-1	

(1) RATINGS IN ACCORDANCE WITH APPROPRIATE A.H.R.I. STANDARD.

		OUTDO	OR HEAT I	PUMP SCH	EDULE		
G CAP.	EER	HEATING	CAP. MBH (1)	CC	OP (1)	TRANE	REMARKS
6H (1)	LLN	н	LO	н	LO	MODEL NO.	REIVIARKS
7	12.5	19.7	12.9	3.0	2.6	NTXSKS18	
.0	13.0	13.0	8.9	2.9	2.3	NTXSKS12	

REFRIGERANT PIPE SCHEDULE												
INDOOR UNIT	OUTDOOR UNIT	SUCTION LINE OD (IN.)	LIQUID LINE OD (IN.)	REMARKS								
JA-IHP-1	JA-OHP-1			(1)								
JA-IHP-2	JA-OHP-2	3/8	1/4	(1)								
JA-AC-1	JA-CU-1			(1)								

BY EQUIPMENT MANUFACTURER FROM FIELD-OBTAINED DIMENSIONS.

-- OUTDOOR CONDENSING UNIT SCHEDULE --MANUFACTURER MODEL NO. COOLING CAPACITY EER SEER REMARKS MRH (1)

			NODEL NO.	
18.0	10.5	19.5	TRUYA018	(2)

(2) PROVIDE WITH LOW-AMBIENT COOLING CAPABILITY TO 0°F.

				FAN SO	CHEDU	ILE			
ITEM	LOCATION	CFM	ESP (IN. WG)	HP	RPM	MAX. RPM	MAX. SONES	GREENHECK MODEL NO.	REMARKS
JA-F-1	ROOF	1460	0.25	1/2	970	1200	8.0	G-140-VG	(1)(2)(4)
JA-F-2	ROOF	400	0.25	1/12	1250	1300	6.5	G-095-G	(1)(3)
JA-F-3	ROOF	4000	0.25	2	550	900	8.0	G-240-VG	(1)(3)

(1) COMPLETE WITH BACKDRAFT DAMPER, ROOF CURB, BIRDSCREEN, SPEED CONTROLLER, AND DISCONNECT MEANS.

(2) PROVIDE WITH E.C. MOTOR

(3) CONTROL WITH THERMOSTAT SET AT 85° (ADJ.).

(4) CONTROL WITH FACILITY MANAGEMENT SYSTEM.

FMS			0	JTPU	TS					IN	PU	ΓS								SO	TWA	RE						
INPUT/OUTPUT		BIN	ARY		ANA	ALOG		BIN	ARY	,		AN	IALC)G			ALA	RM		DDC		EN	NERC	GY I	MGN	ит.		
SUMMARY TYPICAL PACKAGED AIR CONDITIONING UNIT	START/STOP	ENABLE/DISABLE	OPEN/CLOSE	SETPOINT ADILIST	DDC CONTROL		DIFF. PRESSURE SWITCH	AUX. CONTACT	ALARM CONTACT	PULSE CONTACT	CONCENTRATION (PPM)	TEMPERATURE	RELATIVE HUMIDITY	PRESSURE	VOLUME (CFM)	STATUS/INTERLOCK	HI/LO LIMIT	RUN TIME TOTALIZATION	PROPORTIONAL	PROP. + INTEGRAL	TIME SCHEDULE S/S	OPTIMUM START/STOP	DAY/NIGHT SETBACK	DEMAND LIMIT/CYCLE	RESET OPTIMIZATION	ECONOMIZER	FAN SYNCHRONIZATION	NOTES
ROOM TEMPERATURE												X																
ROOM TEMPERATURE OFFSET												X																
ROOM HUMIDITY													X															
ROOM CO2											X																	
MIXED AIR TEMPERATURE												X																
SUPPLY AIR TEMPERATURE												X																
SUPPLY FAN	X							X								X												
COOLING STAGE 1	X																											
COOLING STAGE 2	X																											
COOLING STAGE 3 (1)	X																											
HEAT STAGE 1	X																											
HEAT STAGE 2	X																											
ECONOMIZER DAMPERS (2)		X																										
REVERSING VALVE (DEHUM) (1)			X																									
BIPOLAR IONIZATION UNIT STATUS								X								Τ												

(1) WHERE APPLICABLE. (2) ECONOMIZER UNITS ONLY.

FMS			C	UTF	PUT	S					IN	PUT	٢S								sc	DFTW/	ARE						
INPUT/OUTPUT		BIN	ARY	,	Þ	ANA	LOG		BI	INA	RY		A	NA	LOG	ì		ALA	RM		DDC	;	E	NEF	RGY	MG	MT.		
SUMMARY																													
		BLE			ADJUST			RE SWITCH	F	ACT	C		ш	AIDITY		(SLOCK		TOTALIZATION	AL	ßRAL	1E C/C		SETRACK				SYNCHRONIZATION	
TYPICAL DUCTLESS SPLIT SYSTEM HEAT PUMP	START/STOP	ENABLE/DISABLE	OPEN/CLOSE		SETPOINT ADJ	DDC CONTROI		DIFF. PRESSURE	AUX. CONTACT	ALARM CONTACT	PULSE CONTACT		TEMPERATURE	RELATIVE HUMIDITY	PRESSURE	VOLUME (CFM)	STATUS/INTERLOCK	HI/LO LIMIT	RUN TIME TO	PROPORTIONAL	PROP. + INTEGRAL	TIME SCHEDLILE S/S				BESET ODTIMI	ECONOMIZER	FAN SYNCHRC	NOTES
ROOM TEMPERATURE													Χ					X					+	+					(1)

(1) TEMPERATURE POINT FOR INFORMATION ONLY. CONTROL SHALL BE BY THERMOSTAT FURNISHED BY UNIT MANUFACTURER.

FMS			0	UTPU	ГS					IN	IPU'	ГS								S	OFTV	VAF	RE						
INPUT/OUTPUT		BIN	ARY			LOG		B		RY		ļ			G		ALA	RM		DD	c		EN	ERC	SY N	/IGI	ит.		
SUMMARY		ш		at l			SWITCH		E		NG RELAY		ЫТУ			оск		TOTALIZATION		AL		s/s	τ/stop	BACK	CYCLE	VIION		IZATION	
MISCELLANEOUS	START/STOP	ENABLE/DISABLE	OPEN/CLOSE	SETPOINT ADJUST	DDC CONTROL		DIFF. PRESSURE	AUX. CONTACT	ALARM CONTACT	PULSE CONTACT	CURRENT SENSING	TEMPERATURE	RELATIVE HUMIDITY	PRESSURE	VOLUME (CFM)	STATUS/INTERLOCK	HI/LO LIMIT	RUN TIME TOTA	PROPORTIONAL	PROP. + INTEGRAL		TIME SCHEDULE S/S	OPTIMUM START/STOP	DAY/NIGHT SETBACK	DEMAND LIMIT/CYCLE	RESET OPTIMIZATION	ECONOMIZER	FAN SYNCHRONIZATION	NOTES
TYPICAL EXHAUST FAN	X										Χ											X							
OUTSIDE AIR TEMPERATURE												Χ																	
OUTSIDE AIR HUMIDITY													X																
UNIT HEATERS		X																											

(1) REFRIGERANT PIPE SIZES INDICATED ARE FOR ESTIMATING PURPOSES ONLY. EXACT SIZES AND ACCESSORIES REQUIRED SHALL BE DETERMINED

	HVAC LEGEND
SYMBOL	DESCRIPTION
SL	REFRIGERANT SUCTION / LIQUID
D	CONDENSATE DRAIN
T	THERMOSTAT 4'-6" A.F.
S _{co}	CARBON MONOXIDE SENSOR/ALARM
\$	WALL SWITCH
FD	FIRE DAMPER
F/SD	FIRE / SMOKE DAMPER
OBD	OPPOSED BLADE DAMPER
BDD	BACKDRAFT DAMPER
¢ or CFM	CUBIC FEET PER MINUTE
	— DETAIL NO — 1/M-1 — SHEET NO
\square	SUPPLY DIFFUSER
	RETURN OR EXHAUST GRILLE
	MANUAL VOLUME DAMPER
	MOTOR OPERATED DAMPER
	FLEXIBLE DUCT CONNECTION
	LINED DUCT (SIZE SHOWN IS METAL SIZE)
	FLAT-OVAL OR ROUND DOUBLE WALL ACOUSTIC DUCT
	AIR EXTRACTOR
	SQUARE ELL WITH SINGLE THICK TURNING VANES
A 8	AIR DEVICE NECK CONNECTION SIZE
A.F.	ABOVE FLOOR
RET.	RETURN (AIR - DUCT)
EXH.	EXHAUST
ø	DIAMETER
	RATED PARTITION, SEE ARCH.
	DEMOLITION EXTENTS (DEMO. PLANS ONLY)
NOM.	NOMINAL
EAT	ENTERING AIR TEMPERATURE
LAT	LEAVING AIR TEMPERATURE
ESP	EXTERNAL STATIC PRESSURE
DB	DRY BULB
WB	WET BULB
НР	HORSEPOWER
МВН	THOUSAND BTU'S PER HOUR
REFRIG.	REFRIGERANT
EER	ENERGY EFFICIENCY RATIO
SEER	SEASONAL ENERGY EFFICIENCY RATIO
СОР	COEFFICIENT OF PERFORMANCE
OA	OUTSIDE AIR
OD	OUTSIDE DIAMETER
FPM	FEET PER MINUTE

HVAC NOTES:

NOT ALL EXISTING WORK IS SHOWN, AND THAT SHOWN IS IN ITS APPROXIMATE LOCATION AND ARRANGEMENT. EXACT LOCATION, ARRANGEMENT, AND SIZES SHALL BE VERIFIED ON THE JOB BEFORE STARTING ANY NEW WORK.

INSTALL PIPING AND DUCTWORK IN EQUIPMENT ROOMS ADJACENT TO WALLS AND CEILINGS WHERE POSSIBLE TO PROVIDE MAXIMUM ROOM CLEARANCE.

COORDINATE THE INSTALLATION OF WORK UNDER THIS DIVISION WITH THAT OF OTHER TRADES TO PROVIDE THE BEST ARRANGEMENT OF PIPING, DUCTWORK, AND EQUIPMENT.

PIPING, DUCTWORK, AND EQUIPMENT IS SHOWN IN ITS GENERAL LOCATION UNLESS DIMENSIONED. ARRANGE PIPING AND DUCTWORK TO CLEAR STRUCTURAL MEMBERS, PIPING AND LIGHT FIXTURES.

EXACT LOCATION OF GRILLES AND CEILING OUTLETS SHALL BE DETERMINED ON THE JOBSITE. COORDINATE WITH LIGHTS, SPRINKLER HEADS, AND OTHER CEILING APPURTENANCES TO PROVIDE A UNIFORM AND SYMMETRICAL APPEARANCE. REFER TO ARCHITECTURAL AND ELECTRICAL DRAWINGS AND DETAILS.

ALL PIPING SHALL BE CONCEALED, UNLESS NOTED OTHERWISE.

PROVIDE FLEXIBLE DUCT CONNECTIONS TO ALL AIR HANDLING EQUIPMENT.

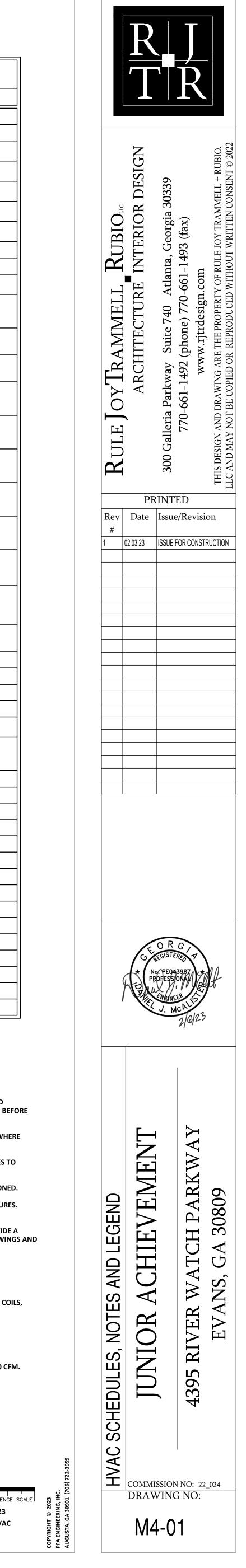
PROVIDE ACCESS DOORS IN DUCTWORK FOR ALL FIRE AND SMOKE DAMPERS, DUCT-MOUNTED COILS, AND CONTROL DEVICES.

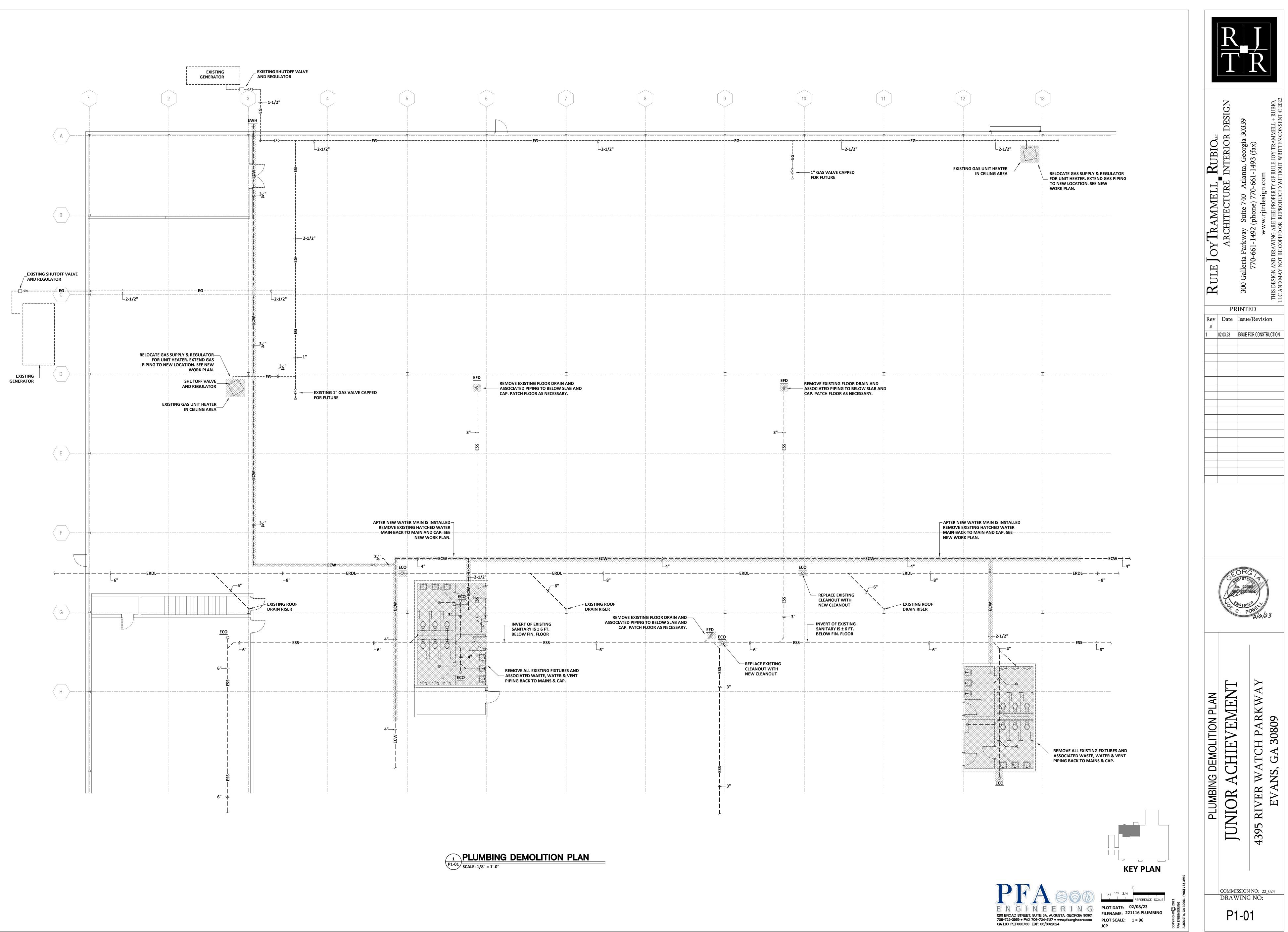
PROVISIONS SHALL BE MADE FOR DRAINING ALL OUTSIDE LINES SUBJECT TO FREEZING.

SLOPE DRAIN LINES TOWARD DRAIN WITH A MINIMUM SLOPE OF 1/4" PER FOOT. PROVIDE SMOKE DETECTOR SHUTDOWN CONTROLS FOR ALL HVAC SYSTEMS IN EXCESS OF 2000 CFM.

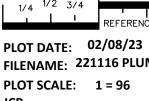


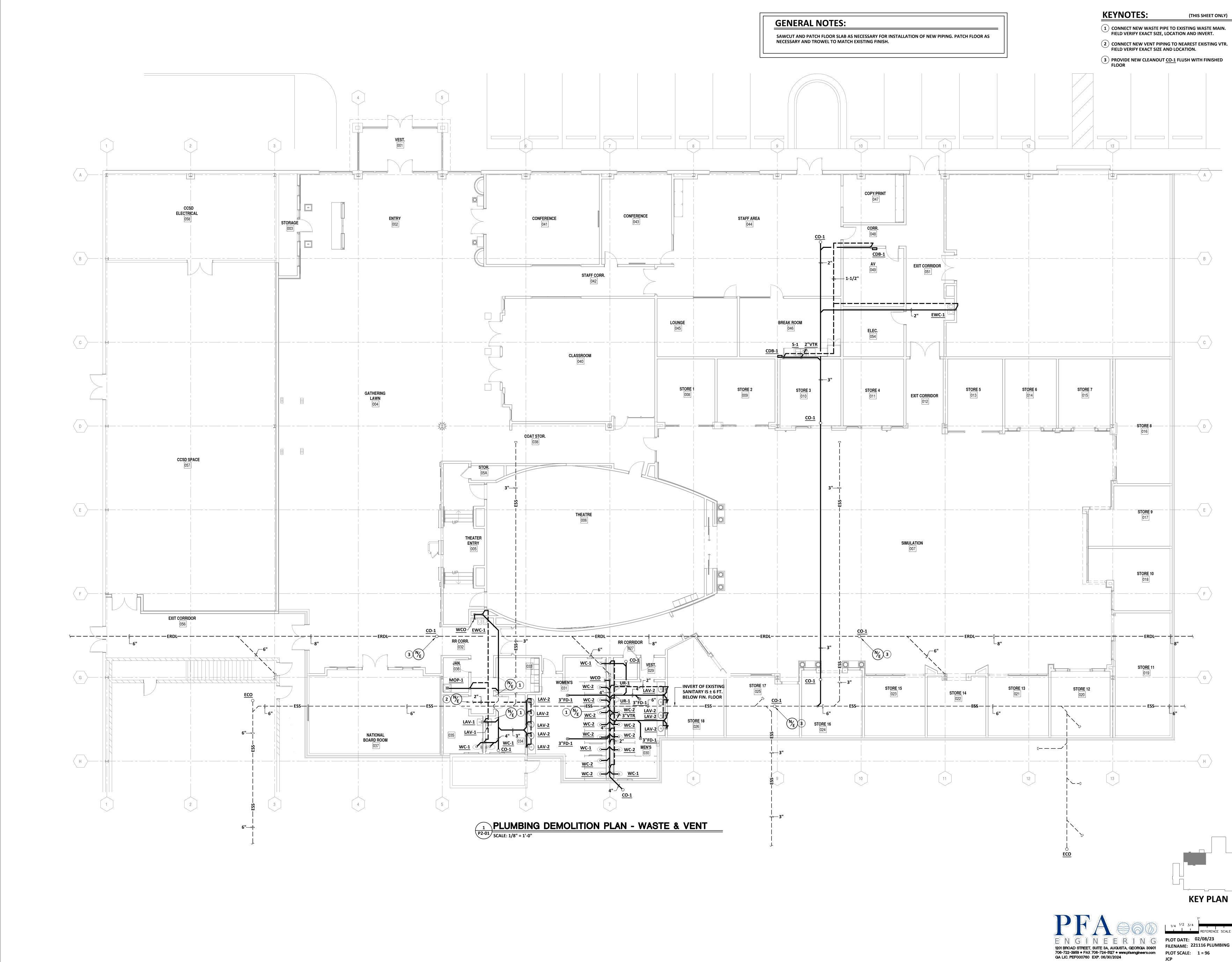
DJM/WDP











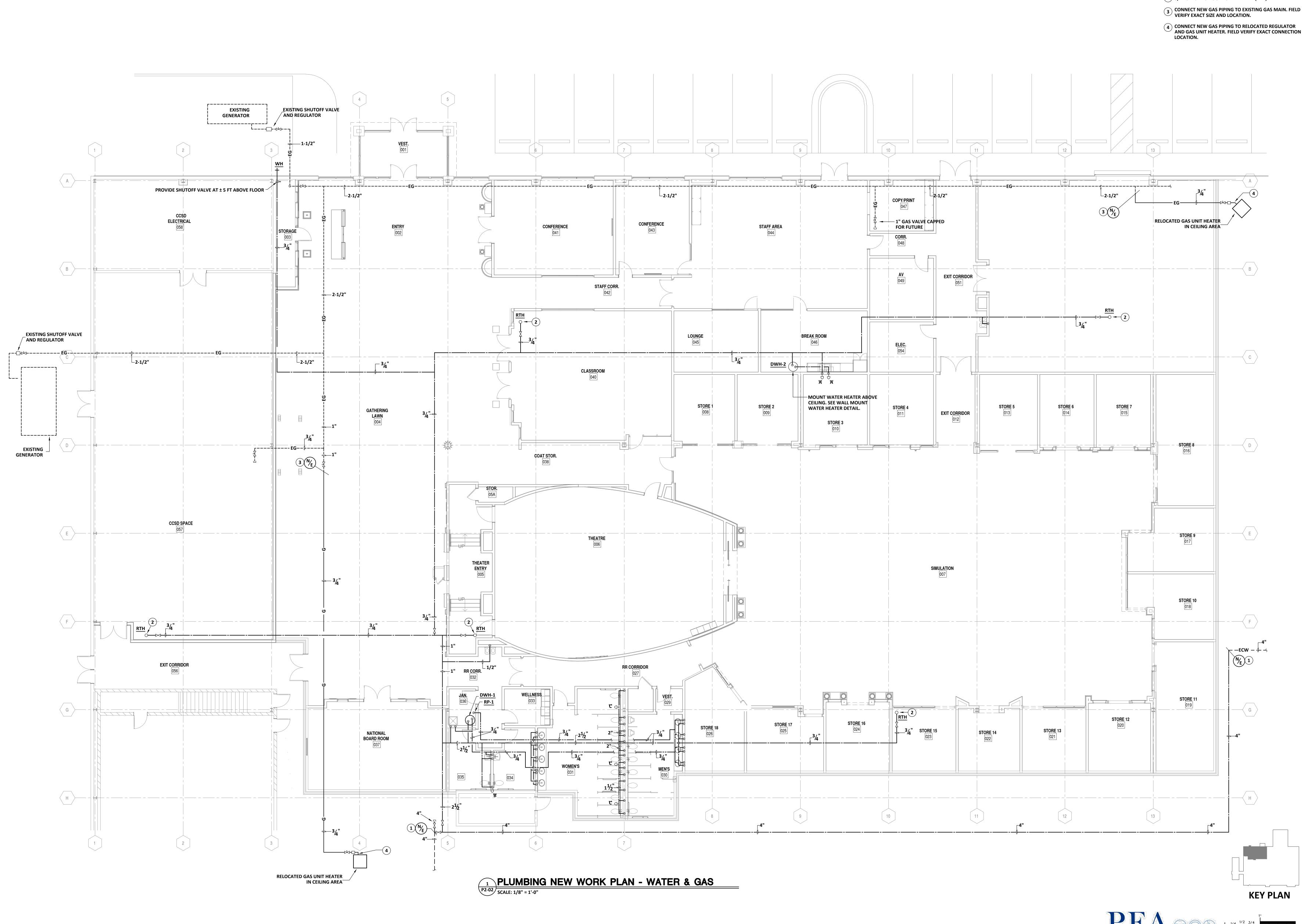


DESIGN MMELL + RUBIO, I CONSENT © 2022 AMMELL RUBIO Y OF RULE JOY TRAM Atlanta, Georgia 5 -661-1493 (fax) JCED С 9 JOYTRAM Archite ha) G ARE Parkway -661-1492 THIS DESIGN AND DRAWIN LLC AND MAY NOT BE COP leria 770-ULE K PRINTED Rev Date Issue/Revision # 02.03.23 ISSUE FOR CONSTRUCTION - WASTE & VENT EMENT ARKW 30809 PLAN TCH Γī H WORK Γ. \geq 4395 RIVER EVA PLUMBING NEW V JUNIOR COMMISSION NO: 22_024 DRAWING NO:

P2-01

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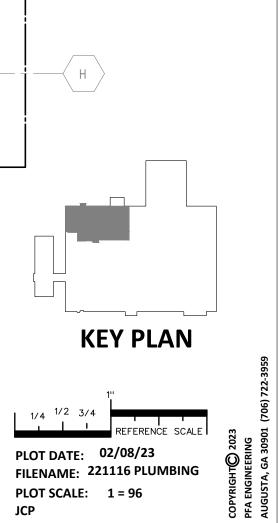
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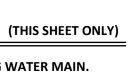


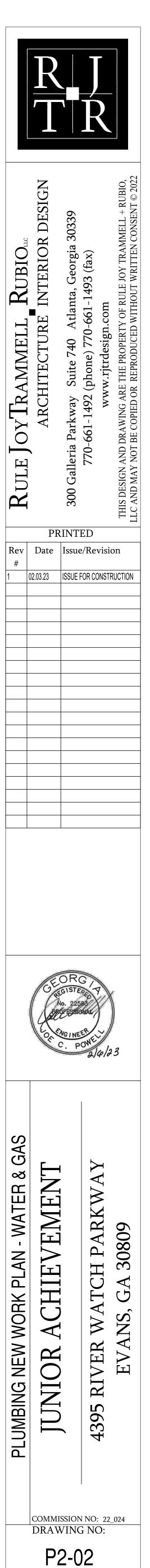


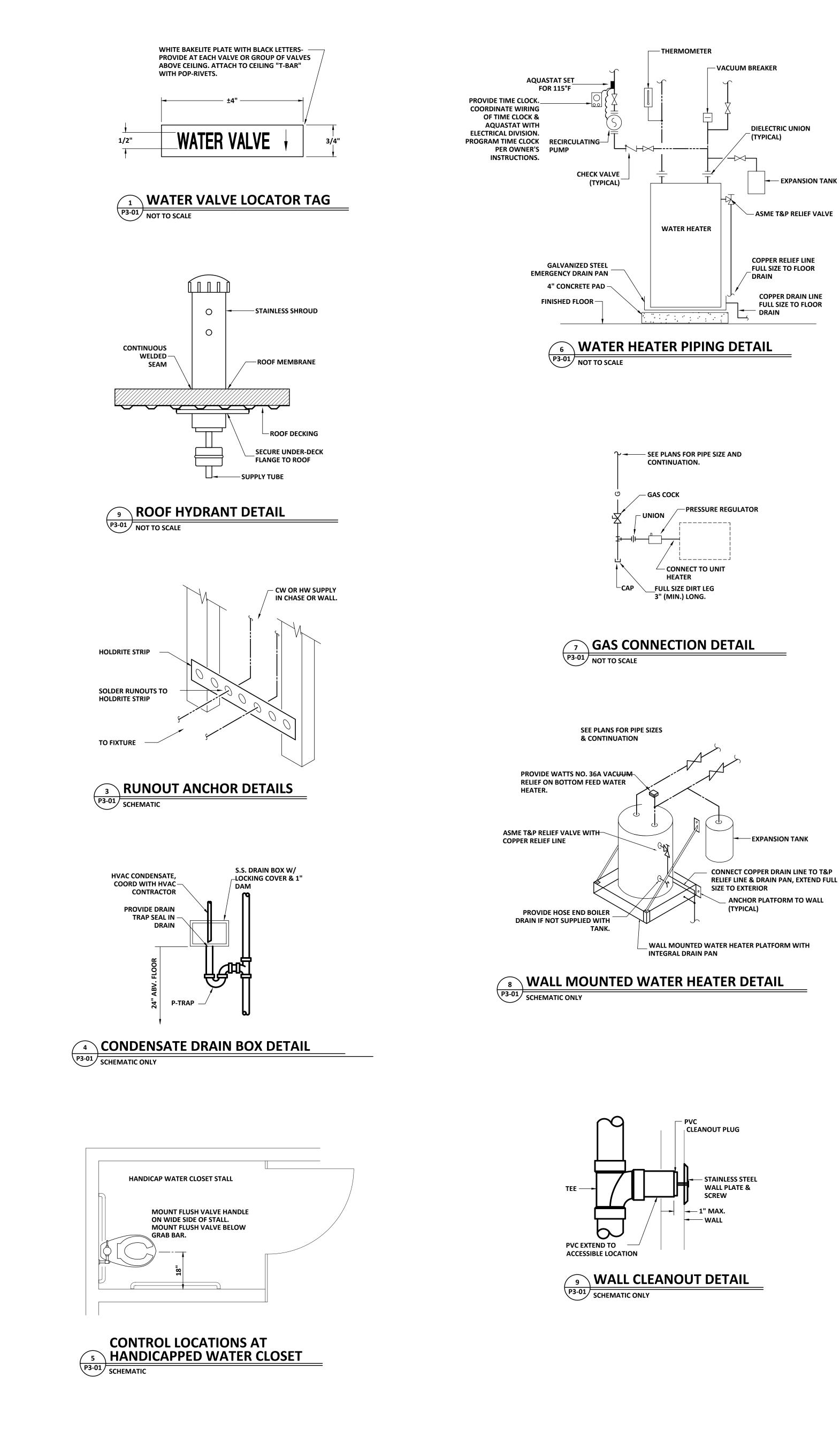
- **1** CONNECT NEW WATER PIPING TO EXISTING WATER MAIN. FIELD VERIFY EXACT SIZE AND LOCATION.
- 2) 3/4" CW UP TO ROOF TOP HYDRANT (RTH).











GENERAL PLUMBING NOTES

NOT ALL EXISTING WORK IS SHOWN AND THAT SHOWN IS IN ITS APPROXIMATE LOCATION AND ARRANGEMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATIONS, ARRANGEMENTS, SIZES AND CONDITIONS AND IN CASE OF DISCREPANCY TO CONTACT THE ARCHITECT FOR RELOCATION AND REMOVAL OF SAID ELEMENTS IN ACCORDANCE WITH THE BASIC INTENTIONS INDICATED BY THE DRAWINGS AND DETAILS. NOT ALL EXISTING WORK IS SHOWN AND THAT SHOWN IS IN ITS APPROXIMATE LOCATION AND ARRANGEMENT. EXACT LOCATION, ARRANGEMENT, AND SIZES SHALL BE VERIFIED ON THE JOB BEFORE PROCEEDING WITH ANY NEW WORK. EXACT LOCATIONS AND ROUGHING REQUIREMENTS FOR ALL FIXTURES AND EQUIPMENT SHALL BE DETERMINED FROM ARCHITECTURAL DRAWINGS. LARGE SCALE ARCHITECTURAL DETAILS AND APPROVED MANUFACTURER'S SHOP DRAWINGS. PARTICULAR ATTENTION SHALL BE DIRECTED TO FIXTURES OR EQUIPMENT FURNISHED UNDER OTHER DIVISIONS. EXERCISE CARE SO AS NOT TO CUT ANY EXISTING UTILITIES OR SERVICES. WHERE AN EXISTING UTILITY LINE OR SERVICE LINE IS CUT IT SHALL BE REPAIRED TO "LIKE-NEW" CONDITION. INTERRUPTION OF SERVICE SHALL NOT BE MADE WITHOUT PRIOR WRITTEN PERMISSION OF THE OWNER. EXACT LOCATIONS AND ROUGHING REQUIREMENTS FOR ALL FIXTURES AND EQUIPMENT SHALL BE DETERMINED FROM ARCHITECTURAL DRAWINGS, LARGE SCALE ARCHITECTURAL DETAILS AND APPROVED MANUFACTURER'S SHOP DRAWINGS. INVERT ELEVATIONS SHOWN SHALL BE VERIFIED ON THE JOB BEFORE INSTALLING ANY NEW PIPE. INSTALL TEST-TEES WHEN THE SANITARY SEWER SYSTEM IS TO BE TESTED IN SECTIONS. PIPING IS SHOWN IN ITS GENERAL LOCATION (UNLESS DIMENSIONED). REFER TO ARCHITECTURAL FINISH SCHEDULE AND ELEVATIONS FOR DETAILS OF FLOORS WHERE FLOOR DRAINS AND CLEANOUTS ARE LOCATED. PROVIDE SLEEVES FOR PIPES PASSING THRU FLOORS, MASONRY WALLS AND FIRE OR SMOKE PARTITIONS. PACK ANNULAR SPACE BETWEEN PIPE WITH MATERIAL APPROVED IN U.L. BUILDING DIRECTORY. COORDINATE LOCATIONS OF FLOOR DRAINS AND CLEANOUTS IN MECHANICAL ROOMS WITH HVAC EQUIPMENT. PROVIDE DRAIN TRAP SEALS FOR ALL HUB DRAINS, FLOOR DRAINS & FLOOR SINKS. VENT TERMINALS SHALL NOT BE LOCATED WITHIN 10' OF FRESH AIR INTAKE. COORDINATE WITH APPROPRIATE TRADE. CENTER CLEANOUTS IN ALL CORRIDORS.

	PLUMBI	NG LEGEN	D
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTI
	WASTE OR SANITARY SEWER	— — ESS — —	EXISTING WASTE OR SAN
	VENT	EHW	EXISTING HOT WATER
	COLD WATER	ECW	EXISTING COLD WATER
	HOT WATER	EG	EXISTING NATURAL GAS
	HOT WATER CIRCULATING	<u>ECO</u> ()	EXISTING CLEANOUT
G	NATURAL GAS	EFD \oplus — —	EXISTING FLOOR DRAIN
	SHUTOFF VALVE	— — ERDL— —	EXISTING ROOF DRAIN PI
PDI'X' <u> </u>	WATER HAMMER ARRESTOR	<u>EWH</u> +	EXISTING WALL HYDRAN
N/E	NEW WORK CONNECTION TO EXISTING WORK	<u>FD</u> \oplus (FLOOR DRAIN

DESCRIPTION

ISTING WASTE OR SANITARY SEWER

ISTING NATURAL GAS

ISTING ROOF DRAIN PIPING

STING WALL HYDRANT

SYMBOL	FIXTURE	WASTE CONN. BRANCH	VENT	COLD WATER		RIM HGT.	BASIS OF DESIGN
WC-1	WATER CLOSET (A.D.A. ADULT)	4" 4"	2"	1"	-	18"	ZURN Z5665-BWL1 WATER CLOSET ZURN Z6000AV -HET FLUSH VALVE CENTOCO 500STSCCSS WHITE SEAT
WC-2	WATER CLOSET	4" 4"	2"	1"	-	18"	ZURN Z5665-BWL1 WATER CLOSET ZURN Z6000AV -HET FLUSH VALVE CENTOCO 500STSCCSS WHITE SEAT
UR-1	URINAL (ADA)	2" 2"	1-1/2"	3/4"	-	17"	ZURN Z5755 URINAL ZURN Z6003AV -EWS FLUSH VALVE ZURN Z1222 CARRIER
LAV-1	LAVATORY (WALL HUNG)(ADA)	1-1/4" 2"	1-1/2"	1/2"	1/2"		ZURN Z5340 LAVATORY, ZURN Z81000-XL FAUCET, MCGUIRE 155A GRID DRAIN ZURN Z1231-79 CARRIER
LAV-2	LAVATORY (UNDERMOUNT) (A.D.A. ADULT)	1-1/4" 2"	1-1/2"	1/2"	1/2"	UNDER MOUNT	ZURN Z5220 LAVATORY ZURN Z81000-XL FAUCET, MCGUIRE 155A GRID DRAIN
EWC-1	ELECTRIC WATER COOLER (A.D.A.)	1-1/4" 2"	1-1/2"	1/2"	-	APRON BOTTOM 27"	ELKAY LMABFTL8WSSK WITH BOTTLE FILLER
S-1	SINK (A.D.A.)	1-1/2" 2"	1-1/2"	1/2"	1/2"	UNDER MOUNT	MOEN GS18161 SINK MOEN 7565 SERIES FAUCET, McGUIRE 151A DRAINS
MOP-1	MOP SINK	3" 3"	2"	1/2"	1/2"	FAUCET @ 36" A.F.	FIAT MSB 2424, 832-AA, 889-CC, FIAT 830AA FAUCET, MSG 2424 WALL GUA
CDB-1	CONDENSATE DRAIN BOX	2" 2"	1-1/2"	-	-	-	ACORN M8200-E510 BOX WITH 1" DAM, LOCKING COVER, 2" DRAIN & 1-1/2" HOLE IN TOP
WH	WALL HYDRANT	-	-	3/4"	-	-	WOODFORD 27
RTH	ROOF TOP HYDRANT	-	-	3/4"	-	-	MAPA MPH-24FP
CO-1	CLEANOUT (INTERIOR)	-	-	-	-	-	SMITH 4031
wco	WALL CLEANOUT	-	-	-	-	-	SMITH 4710
FD-1	FLOOR DRAIN (GENERAL)	-	-	-	-	-	SMITH 2005L (2)

PLUMBING FIXTURE SCHEDULE KEYNOTES

(1) PROVIDE "TRUEBRO LAV GUARD" PROTECTIVE PIPE COVERS ON WASTE AND SUPPLY PIPING.

(2) PROVIDE 7" STRAINER ON 3" DRAINS AND 9" STRAINER ON 4" DRAINS. PROVIDE ROUND TOP FOR ALL FLOOR DRAINS.

(3) PROVIDE DRAIN TRAP SEAL EQUAL TO MIFAB MI-GARD.

DOMESTIC WATER HEATER SCHEDULE									
ITEM	SOURCE	INPUT	RECOVERY (GPH @ 60F RISE)	STORAGE (GALLONS)	INLET/OUTLET (INCHES)	BASIS OF DESIGN MODEL NO.			
DWH-1	ELECTRICITY	2 KW	15	14	3/4	A.O. SMITH DEL-20	(1)		
DWH-2	ELECTRICITY	2 KW	6	14	3/4	A.O. SMITH DEL-10	(1) (2)		
SCHEDUL	E NOTES:								

SCHEDULE NOTES:

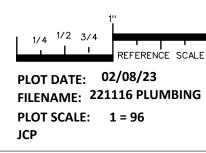
(1) PROVIDE EXPANSION TANK EQUAL TO AMTROL ST-5 WITH 2.2 GAL ACCEPTANCE.

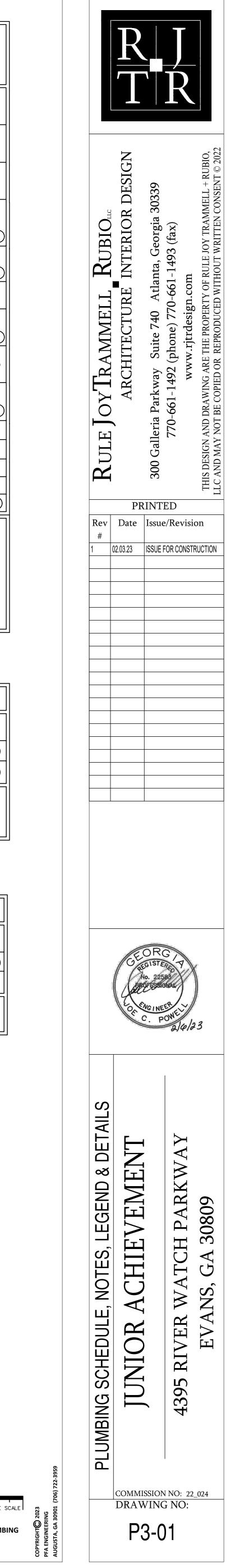
(2) PROVIDE MOUNT EQUAL TO HOLDRITE 30-SWHP-WM.

		1		1		
ITEM	SERVICE	FLOW RATE (GPM)	HEAD (FT)	НР	BASIS OF DESIGN MODEL NO.	
RP-1	CIRCULATING HOT WATER RETURN	2	13	1/12	B&G NBF-22B	

(1) PROVIDE AQUASTAT EQUAL TO TACO 563-2 & TIME CLOCK EQUAL TO TACO 265-3.







A. GENERAL ----

- 1. NO PROVISION OF ANY REFERENCED STANDARD SPECIFICATION, MANUAL OR CODE (WHETHER OR NOT SPECIFICALLY INCORPORATED BY REFERENCE IN THE CONTRACT DOCUMENTS) SHALL BE EFFECTIVE TO CHANGE THE DUTIES AND RESPONSIBILITIES OF OWNER, CONTRACTOR, ENGINEER, SUPPLIER, OR ANY OF THEIR CONSULTANTS, AGENTS, OR EMPLOYEES FROM THOSE SET FORTH IN THE CONTRACT DOCUMENTS. NOR SHALL IT BE EFFECTIVE TO ASSIGN TO THE STRUCTURAL ENGINEER OR ANY OF THE STRUCTURAL ENGINEER'S CONSULTANTS, AGENTS, OR EMPLOYEES ANY DUTY OR AUTHORITY TO SUPERVISE OR DIRECT THE FURNISHING OR PERFORMANCE OF THE WORK OR ANY DUTY OR AUTHORITY TO UNDERTAKE RESPONSIBILITIES CONTRARY TO THE PROVISIONS OF THE CONTRACT DOCUMENTS.
- 2. CONTRACT DOCUMENTS INCLUDE, BUT ARE NOT LIMITED TO, THE STRUCTURAL DOCUMENTS, BUT DO NOT INCLUDE SHOP DRAWINGS, VENDOR DRAWINGS, OR MATERIAL PREPARED AND SUBMITTED BY THE CONTRACTOR.
- 3. REFERENCE TO STANDARD SPECIFICATIONS OF ANY TECHNICAL SOCIETY. ORGANIZATION OR ASSOCIATION OR TO CODES OF LOCAL OR STATE AUTHORITIES, SHALL MEAN THE LATEST STANDARD, CODE, SPECIFICATION OR TENTATIVE SPECIFICATION ADOPTED AT THE DATE OF TAKING BIDS, UNLESS SPECIFICALLY STATED OTHERWISE,
- 4. CONTRACT DOCUMENTS SHALL GOVERN IN THE EVENT OF A CONFLICT WITH THE CODE OF PRACTICE OR SPECIFICATIONS OF ACI, PCI, AISC, SJI OR OTHER STANDARDS. WHERE A CONFLICT OCCURS WITHIN THE CONTRACT DOCUMENTS, THE STRICTEST REQUIREMENT SHALL 5. MAXIMUM ESTIMATED DEFLECTIONS (IN INCHES) GOVERN.
- 5. MATERIAL, WORKMANSHIP, AND DESIGN SHALL CONFORM TO THE REFERENCED BUILDING CODE.
- 6. CONTRACTOR SHALL COORDINATE THE STRUCTURAL DOCUMENTS WITH THE ARCHITECTURAL MECHANICAL, ELECTRICAL, PLUMBING AND CIVIL DOCUMENTS. ARCHITECT/STRUCTURAL ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY OR OMISSION. FOR DIMENSIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS SEE THE ARCHITECTURAL DRAWINGS.
- 7. CONTRACTOR SHALL OBTAIN AND COORDINATE EDGE OF SLAB DIMENSIONS, OPENING LOCATIONS AND DIMENSIONS, DEPRESSED SLAB LOCATIONS AND EXTENTS, SLAB SLOPES, CURB LOCATIONS, AND CMU WALL LOCATIONS. ARCHITECT/STRUCTURAL ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY OR OMISSION.
- 8. CONTRACTOR SHALL VERIFY EXISTING DIMENSIONS, ELEVATIONS, AND SITE CONDITIONS BEFORE STARTING WORK. ARCHITECT/STRUCTURAL ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY
- 9. CONTRACTOR SHALL VERIFY THAT MISCELLANEOUS FRAMING SHOWN ON THE STRUCTURAL DRAWINGS FOR MECHANICAL EQUIPMENT, OWNER-FURNISHED ITEMS, PARTITIONS, ETC. IS CONSISTENT WITH THE REQUIREMENTS OF SUCH ITEMS. CONTRACTOR SHALL VERIFY EQUIPMENT WEIGHTS, REQUIRED OPENING SIZES AND LOCATIONS IDENTIFIED ON THE STRUCTURAL DRAWINGS ARE IN AGREEMENT WITH FINAL ARCHITECTURAL AND MECHANICAL SHOP DRAWINGS AND SUBMITTALS.
- 10. CONTRACTOR HAS SOLE RESPONSIBILITY FOR MEANS, METHODS, SAFETY, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION. CONTRACTOR HAS SOLE RESPONSIBILITY TO COMPLY WITH ALL OSHA REGULATIONS.
- 11. THE STRUCTURE IS STABLE ONLY IN ITS COMPLETED FORM. TEMPORARY SUPPORTS REQUIRED FOR STABILITY DURING ALL INTERMEDIATE STAGES OF CONSTRUCTION SHALL BE DESIGNED, FURNISHED, AND INSTALLED BY THE CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTABILITY ANALYSIS. AND ERECTION PROCEDURES. INCLUDING DESIGN AND ERECTION OF FALSEWORK, TEMPORARY BRACING, ETC.
- 12. REPRODUCTION OF STRUCTURAL DRAWINGS FOR SHOP DRAWINGS IS NOT PERMITTED
- 13. SUBMIT SHOP DRAWINGS WHICH ADEQUATELY DEPICT THE STRUCTURAL ELEMENTS AND CONNECTIONS SHOWN IN THE CONTRACT DOCUMENTS. REVIEW OF SHOP DRAWINGS SHALL BE FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS REGARDING ARRANGEMENT AND SIZES OF MEMBERS AND THE CONTRACTOR'S INTERPRETATION OF THE DESIGN LOADS AND CONTRACT DOCUMENT DETAILS. REVIEW OF SUBMITTALS OR SHOP DRAWINGS BY THE ARCHITECT / STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF THE SOLE RESPONSIBILITY TO REVIEW AND CHECK ALL SUBMITTALS AND SHOP DRAWINGS BEFORE SUBMITTING TO THE STRUCTURAL ENGINEER. REVIEW OF SUBMITTALS OR SHOP DRAWINGS BY THE ARCHITECT / STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF FULL RESPONSIBILITY FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS. CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS.
- 14. WHERE A SECTION OR DETAIL IS SHOWN OR DETAILED FOR ONE CONDITION. IT SHALL APPLY TO ALL SIMILAR AND LIKE CONDITIONS. DETAILS LABELED "TYPICAL" OR "TYP." ON THE STRUCTURAL DRAWINGS APPLY TO ALL SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR. THE CONTRACTOR SHALL CONSIDER ALL OF THE CONTRACT DOCUMENTS IN DETERMINING SIMILAR AND LIKE CONDITIONS.
- 15. STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR THE DESIGN OF STEEL STAIRS, HANDRAILS, CURTAIN WALL/WINDOW WALL SYSTEMS, COLD-FORMED METAL FRAMING, OR OTHER SYSTEMS NOT SHOWN IN THE STRUCTURAL DOCUMENTS. STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR THE CONNECTION OF THESE SYSTEMS TO THE STRUCTURE. SUCH SYSTEMS SHALL BE DESIGNED BY AN ENGINEER LICENSED IN THE PROJECT STATE AND SHALL BE FURNISHED AND INSTALLED BY OTHERS AS REQUIRED BY OTHER PORTIONS OF THE CONTRACT DOCUMENTS.
- 16. USE ONLY DIMENSIONS INDICATED ON THE CONTRACT DOCUMENTS. DO NOT SCALE DRAWINGS OR MEASURE OBJECTS IN ELECTRONIC FILES. NOTIFY STRUCTURAL ENGINEER AND ARCHITECT OF ANY DISCREPANCIES.
- 17. THE OWNER SHALL ESTABLISH A PERIODIC MAINTENANCE PROGRAM TO PROTECT THE STRUCTURE FROM DETERIORATION. THE MAINTENANCE PROGRAM IS THE RESPONSIBILITY OF THE OWNER AND SHOULD INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING:
 - PAINTING OF EXPOSED STEEL THAT IS NOT GALVANIZED. INSPECTION AND MAINTENANCE OF PROTECTIVE COATINGS, SEALANTS, CAULKED JOINTS, EXPANSION JOINTS, AND CONTROL JOINTS. REPAIR OF SPALLS AND CRACKS IN CONCRETE ELEMENTS.
 - REPAIR AND RESTORATION OF CORRODED ELEMENTS. CLEANOUT OF DRAINS INCLUDING ALL ROOF AND TRENCH DRAINS AND SCUPPERS. CLEANING OF STRUCTURAL ELEMENTS EXPOSED TO HARSH CHEMICALS INCLUDING
 - DE-ICING CHEMICALS. REPLACEMENT OF WORN BEARING PADS
- 18. IN THE EVENT THAT CAD FILES OR BIM FILES ARE PROVIDED TO THE CONTRACTOR, NO WARRANTIES, EXPRESSED OR IMPLIED, ARE MADE WITH RESPECT TO THIS FORM OF THE STRUCTURAL DRAWINGS, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IT IS UNDERSTOOD THAT THE USER MAKES USE OF THIS FORM OF THE STRUCTURAL DRAWINGS AT THE USER'S SOLE RISK AND THAT THE CAD OR BIM FILES ARE PROVIDED "AS IS" WITHOUT WARRANTIES OF ANY KIND. THE STRUCTURAL ENGINEER HAS NO OBLIGATION TO OR THROUGH THE USER FOR USE OF THIS FORM OF THE DRAWINGS, INCLUDING ANY OBLIGATION OR LIABILITY FOR THE ACCURACY OF THE INFORMATION FURNISHED VIA THE ELECTRONIC FORM. IN ADDITION TO AND NOTWITHSTANDING THE FOREGOING, IN NO EVENT SHALL THE STRUCTURAL ENGINEER BE LIABLE FOR ANY CONSEQUENTIAL OR SPECIAL DAMAGES OR FOR ANY LOSS OF PROFITS SUSTAINED BY USER IN CONNECTION WITH OR ARISING OUT OF THE USE OF CAD OR BIM FORMS OF THE DRAWINGS. IN ALL CASES, THE HARD COPY OF THE STRUCTURAL DRAWINGS SUPERSEDES ANY CAD OR BIM FILES.

B. CODE/DESIGN CRITERIA

- 1. STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE, 2018 EDITION, WITH GEORGIA STATE AMENDMENTS.
- 2. GRAVITY LOADS

2.1	UNIFORM FLOOR LIVE LOADS (REDUCED	AS ALLOWED BY	THE	BUILDING CODE):
	SIMULATION SPACE	100	PSF	(NON-REDUCIBLE)
	GATHERING LAWN	100	PSF	(NON-REDUCIBLE)
	DINING AREAS	100	PSF	(NON-REDUCIBLE)
	THEATER	60	PSF	(NON-REDUCIBLE)
	STAGES/PLATFORMS	150	PSF	(NON-REDUCIBLE)
	CORRIDORS	100	PSF	
	CLASSROOMS	40	PSF	
	OFFICES (INCLUDES PARTITIONS)	50 + 15	PSF	
	MECHANICAL ROOMS	125	PSF	(NON-REDUCIBLE)
	STORAGE (LIGHT/HEAVY)	125/250	PSF	(NON-REDUCIBLE)

2.2 UNIFORM ROOF LIVE LOADS (REDUCED AS ALLOWED BY THE BUILDING CODE): ROOF 20 PSF

ROUND	SNOW LOAD,	Pg	5 PSF
AIN RAIN	INTENSITY,	i	4 IN/HR

PONDING AND DRIFT EFFECTS HAVE BEEN INCLUDED IN THE DESIGN.

3. WIND LOADS:

- BASIC DESIGN WIND SPEED, V ALLOWABLE STRESS DESIGN WIND SPEED, V EXPOSURE RISK CATEGORY INTERNAL PRESSURE COEFFICIENT, GCpi
- 4. EARTHQUAKE LOADS:

RISK CATEGORY SEISMIC IMPORTANCE FACTOR, I MAPPED SPECTRAL RESPONSE ACCELERATION Ss S1 SITE CLASS

DESIGN SPECTRAL RESPONSE ACCELERATION Sds Sd1 SEISMIC DESIGN CATEGORY

THE LATERAL LOAD RESISTING SYSTEM OF

NOT BEING REDUCED.

LIVE LOAD ----ROOF MEMBERS: L/360 FLOOR MEMBERS: L/360

WHERE, L = SPAN LENGTH (IN INCHES) BE CANTILEVERS, L IS TWICE THE LENGTH OF

- 6. SPECIAL INSPECTION REPORTS AND A FINAL RE 1704.2.4 OF THE BUILDING CODE SHALL BE SUE PRIOR TO THE TIME THAT PHASE OF THE WORK
- 7. NO PROVISIONS HAVE BEEN MADE FOR FUTURE HO
- C. DEFERRED STRUCTURAL SUBMITTALS
- 1. DEFERRED SUBMITTALS, AS DEFINED BY THE BU THE BUILDING OFFICIAL BY THE CONTRACTOR. SIGNED AND SEALED BY A LICENSED ENGINEER
- 2. THE STRUCTURAL ENGINEER IS NOT RESPONSIBL SUBMITTAL COMPONENTS OR THE CONNECTION TO OF THE COMPONENTS AND THE CONNECTION TO T SPECIALTY ENGINEER WHO SHALL BE ENGAGED BY SUPPLIER OF THE COMPONENTS AS PART OF THE
- 3. THE CONTRACTOR SHALL SUBMIT THE DEFERRED STRUCTURAL ENGINEER FOR REVIEW. AFTER REVI ENGINEER THE CONTRACTOR SHALL SUBMIT THE OFFICIAL PER SECTION 107.3 OF THE BUILDING
- 4. THE ITEMS LISTED BELOW ARE IDENTIFIED AS ARCHITECTURAL, MECHANICAL, ELECTRICAL, PL SPECIFICATIONS FOR ADDITIONAL DEFERRED SUB ASSOCIATED WITH THE PREPARATION OF THE DE SPECIALTY ENGINEERS DESIGN FEES, SHALL BE CONTRACTOR.

SHORING AND UNDERPINNING TEMPORARY BRACING / SHORING FOR THE STAB CONSTRUCTION CONCRETE FORMWORK

STRUCTURAL STEEL CONNECTIONS AS DEFINED STEEL JOIST AND JOIST GIRDERS METAL STAIRS, LANDINGS, HANDRAILS, AND COLD FORMED METAL FRAMING COLD FORMED METAL FRAMING TRUSSES EXTERIOR BUILDING SIGNAGE

SEISMIC ANCHORAGE OF ARCHITECTURAL COMPO SEISMIC ANCHORAGE OF MECHANICAL, ELECTR ANCHORAGE OF EXTERIOR ARCHITECTURAL, MED ATTACHMENT OF ROOFTOP EQUIPMENT, PIPING

STRUCTURE GLAZING SYSTEMS (e.g., CURTAIN WALL, WIN SLOTTED CHANNEL STRUT FRAMING (e.g., UN PREFABRICATED / PRE-ENGINEERED ARCHITEC OTHER ELEMENTS INDICATED SPECIFICALLY IN

5. DEFERRED SUBMITTAL COMPONENTS SHALL BE DES THE APPLICABLE BUILDING CODE WITH DESIGN STRUCTURAL NOTES.

BUILDING MAINTENANCE SYSTEMS

D. FOUNDATION -----

- 1. FOUNDATION DESIGN IS BASED ON THE INFORMA STRUCTURAL DRAWINGS PREPARED BY CUNNINGHAM IS NOT RESPONSIBLE FOR SUBSURFACE CONDITI DIFFERENT FROM THOSE ASSUMED FOR DESIGN.
- 2. STRUCTURAL TESTING/INSPECTION AGENCY SHAL
- 3. NEW SPREAD FOOTINGS SHALL BEAR ON SOIL CAR
- E. REINFORCEMENT -----
- 1. REINFORCING STEEL SHALL CONFORM TO ASTM A
- 2. WELDED WIRE FABRIC SHALL CONFORM TO ASTM
- LAPS OF 8".
- SUBMIT SHOP DRAWINGS WHICH ADEQUATELY DEPI PLACEMENT. WRITTEN DESCRIPTION OF REINFORG ELEVATIONS, AND DETAILS IS NOT ACCEPTABLE
- 4. PROVIDE DOWELS FROM FOUNDATIONS THE SAME OR COLUMN REINFORCING, UNLESS NOTED OTHERW
- 5. PLACE REINFORCEMENT AS FOLLOWS, UNLESS NOT
- 5.1 CAST-IN-PLACE (NON POST-TENSIONED) CO PERMANENTLY EXPOSED TO EARTH: CAST AGAINST THE EARTH

EXPOSED TO EARTH OR WEATHER: FOR BARS LARGER THAN A NO. 5 BAR

NO. 5 BARS OR SMALLER NOT EXPOSED TO WEATHER OR IN CONTAC WALLS

SLABS	
COLUMN TIES	
BEAM/GIRDER	STIRRUPS

5.2 MASONRY CONCRETE REINFORCEMENT COVER MASONRY REINFORCING STEEL SHALL BE UNLESS NOTED OTHERWISE. IF REINFORG

OTHER THAN THE CENTER OF THE CELL, BETWEEN REINFORCING AND OUTSIDE FAC

- 6. REINFORCEMENT SHALL BE SPLICED ONLY AT LOC STRUCTURAL DOCUMENTS, EXCEPT REINFORCEMENT AT LOCATIONS DETERMINED BY CONTRACTOR. SPL APPROVED IN WRITING BY THE STRUCTURAL ENGI SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWIS
 - CONCRETE REINFORCEMENT: CLASS B MASONRY REINFORCEMENT: SEE REINF

STRUCTURAL NOTES

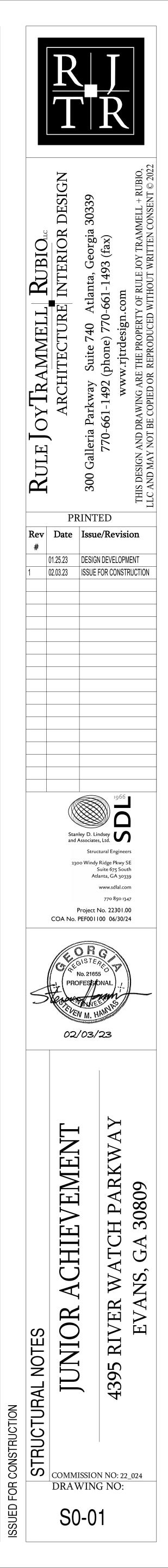
	F. CAST-IN-PLACE CONCRETE	4. CONNECTIONS:
120 MPH asd 93 MPH B	1. CONCRETE WORK SHALL CONFORM TO ACI 318 AND CRSI STANDARDS.	4.1 STEEL CONNECTIONS SHALL BE DETAILED BASED ON THE DESIGN INFORMATION PROVIDED IN THE CONTRACT DOCUMENTS. DEVIATION FROM THE CONNECTION DETAILS DEPICTED IN THE CONTRACT DOCUMENTS SHALL NOT BE PERMITTED WITHOUT ADVANCE
III +/-0.18	 CONCRETE SHALL HAVE THE FOLLOWING PROPERTIES: 2.1 NORMAL WEIGHT STRUCTURAL CONCRETE: 	WRITTEN PERMISSION FROM THE STRUCTURAL ENGINEER. 4.2 THE SERVICES OF A CONNECTION DESIGN SPECIALTY ENGINEER (CDSE) SHALL BE
III 1.25 PARAMETERS: 0.268 g	MIN. 28-DAY MAX. MAX. EXPOSURE COMPRESSIVE W/C AGGREGATE CLASS STRENGTH, F'C RATIO SIZE	INCLUDED IN THE CONTRACTOR'S SCOPE OF SERVICES. THE CDSE SHALL BE LICENSED IN THE PROJECT STATE. THE CDSE IS RESPONSIBLE FOR REVIEWING THE STEEL SHOP DRAWINGS TO ENSURE THAT ALL CONNECTION DESIGN DETAILS HAVE BEEN CORRECTLY SHOWN ON THE SHOP DRAWINGS; AND, THE CDSE SHALL SUBMIT A SIGNED AND SEALED LETTER, WITH EACH SHOP DRAWING SUBMITTAL, CONFIRMING THE ABOVE REVIEW.
0.096 g D PARAMETERS: 0.283 g 0.153 g C	FOOTINGSC14,000PSI0.5511/2"INTERIOR SLABS-ON-GRADEC14,000PSI0.481"EXTERIOR SLABS-ON-GRADEF2,C14,500PSI0.451"ALL NORMAL WEIGHT CONCRETE SHALL BE CONSIDERED TO BE IN EXPOSURE CLASSF0, S0, W0, AND CO ACCORDING TO ACI 318 UNLESS NOTED OTHERWISE ABOVE ORF1 OFWHERE ON THE OTHERWISE ABOVE OR	4.3 STANDARD SHEAR CONNECTIONS: 4.3.1 STANDARD SHEAR CONNECTIONS SHALL BE DETAILED AS DOUBLE-ANGLE, SINGLE-PLATE, SINGLE-ANGLE, OR TEE CONNECTIONS IN ACCORDANCE WITH CONNECTION TABLES IN PART 10 OF THE "STEEL CONSTRUCTION MANUAL". THE CDSE SHALL SUBMIT SIGNED AND SEALED CALCULATIONS FOR ALL SHEAR
THE BASE BUILDING STRUCTURE IS	ELSEWHERE ON THE STRUCTURAL DRAWINGS 2.2 LIGHTWEIGHT STRUCTURAL CONCRETE: (110-120 PCF FRESH UNIT WEIGHT/107-116 PCF AIR-DRIED UNIT WEIGHT)	CONNECTIONS THAT CANNOT BE DETAILED COMPLETELY FROM THE ABOVE MANUAL FOR REVIEW BY THE STRUCTURAL ENGINEER. 4.3.2 CONNECTIONS SHALL BE DETAILED TO CARRY A MINIMUM AXIAL LOAD OF
ARE AS FOLLOWS: DEAD + LIVE LOAD	MIN. 28-DAY MAX. EXPOSURE COMPRESSIVE AGGREGATE	4.4 FOR WELDED CONNECTIONS, USE PREQUALIFIED WELDED JOINTS IN ACCORDANCE WITH
L/240 L/240	CLASS STRENGTH, F'C SIZE SLABS ON FORM DECK 3,000 PSI 1"	AISC AND THE STRUCTURAL WELDING CODE OF THE AMERICAN WELDING SOCIETY. "NON-PREQUALIFIED JOINTS" SHALL BE QUALIFIED PRIOR TO FABRICATION.
TWEEN CENTERLINES OF SUPPORTS. FOR THE CANTILEVER.	INTERIOR TOPPING SLABS4,000 PSI3/4"EXTERIOR TOPPING SLABSF1,C14,000 PSI3/4"	4.5 THE REQUIRED REACTION USING LRFD LOAD COMBINATIONS SHALL BE AS SHOWN ON THE STRUCTURAL DRAWINGS. IF REACTIONS ARE NOT SHOWN: FOR BEAMS W10 AND SMALLER: 10 KIP SHEAR CAPACITY
PORT IN ACCORDANCE WITH SECTION BMITTED TO THE BUILDING OFFICIAL IS APPROVED FOR OCCUPANCY.	ALL LIGHTWEIGHT CONCRETE SHALL BE CONSIDERED TO BE IN EXPOSURE CLASS FO, SO, WO, AND CO ACCORDING TO ACI 318 UNLESS NOTED OTHERWISE ABOVE OR ELSEWHERE ON THE STRUCTURAL DRAWINGS 3. CONCRETE MIX REQUIREMENTS	FOR BEAMS W12 AND LARGER: CONTACT THE STRUCTURAL ENGINEER 4.6 STEEL CONNECTIONS NOT SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS SHALL BE DESIGNED BY THE CDSE WITH THE EXCEPTION OF SIMPLE SHEAR CONNECTIONS AS DESCRIBED IN SECTION 4.3. THE CDSE SHALL SUBMIT SIGNED AND
ORIZONTAL OR VERTICAL EXPANSION.	3.1 ALL CONCRETE SHALL BE PROPORTIONED TO COMPLY WITH ACI 318 CHAPTER 19 IN ACCORDANCE WITH THE EXPOSURE CLASS INDICATED. WHERE REQUIREMENTS INDICATED DIFFER FROM REQUIREMENTS OF CHAPTER 19, THE STRICTER REQUIREMENT SHALL APPLY.	 SEALED CALCULATIONS FOR ALL SUCH CONNECTIONS. THE CDSE SHALL USE THE UNIFORM FORCE METHOD WHEN APPLICABLE FOR ALL BRACE AND TRUSS TYPE CONNECTION DESIGNS. 4.7 REVIEW OF THE SHOP DRAWINGS AND/OR CONNECTION CALCULATIONS BY THE CONTRACTOR AND OPPER OF THE FULL
ILDING CODE, SHALL BE SUBMITTED TO THE DEFERRED SUBMITTALS SHALL BE IN THE PROJECT STATE.	3.2 CONCRETE SHALL BE CONSIDERED EXTERIOR CONCRETE IF THE CONCRETE IS PERMANENTLY EXPOSED TO THE WEATHER OR MOISTURE OR IF IT IS IN AN UNCONDITIONED SPACE IN ITS COMPLETED CONFIGURATION.	STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR AND CDSE OF THE FULL RESPONSIBILITY FOR THE DESIGN AND ADEQUACY OF SUCH CONNECTIONS. 5. COMPOSITE FLOOR MEMBERS ARE DESIGNED TO BE UNSHORED UNLESS OTHERWISE NOTED.
E FOR THE DESIGN OF THE DEFERRED THE STRUCTURE. THE STRUCTURAL DESIGN HE STRUCTURE IS DELEGATED TO A Y THE CONTRACTOR, VENDOR, AND / OR	 3.3 ALL CONCRETE SHALL SATISFY BOTH THE SPECIFIED MAXIMUM WATER TO CEMENT RATIO AND THE MINIMUM COMPRESSIVE STRENGTH, F'C, REQUIREMENTS. 4. PIPES OR DUCTS SHALL NOT EXCEED ONE-THIRD THE SLAB OR WALL THICKNESS UNLESS 	THE WEIGHT OF THE WET CONCRETE WILL RESULT IN DEFLECTIONS OF THE SUPPORTING STEEL DECK, BEAMS, AND GIRDERS. ALL OVERRUNS OF CONCRETE QUANTITIES ARE TO BE ANTICIPATED AND INCLUDED IN THE CONTRACTOR'S BID. THE CONTRACTOR SHALL COORDINATE EMBEDDED ITEMS REQUIRED FOR ARCHITECTURAL, STRUCTURAL, AND MECHANICAL ELEMENTS. CONCRETE FLOORS UTILIZING UNSHORED CONSTRUCTION SHALL BE
DEFERRED SUBMITTAL PROCESS.	SPECIFICALLY DETAILED. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATION OF SLEEVES, ACCESSORIES, ETC.	SCREEDED LEVEL. 6. SIZE AND SPACING OF CONDUITS IN COMPOSITE SLABS SHALL COMPLY WITH THE
IEW BY THE ARCHITECT / STRUCTURAL REVIEWED SUBMITTAL TO THE BUILDING G CODE.	5. REFER TO ARCHITECTURAL DRAWINGS FOR MOLDS, GROOVES, ORNAMENTS, CLIPS OR GROUNDS REQUIRED TO BE ENCASED IN CONCRETE AND FOR LOCATION OF ALL CONCRETE FINISHES AND SLAB DEPRESSIONS.	REQUIREMENTS OF ASCE 3-91, UNLESS NOTED OTHERWISE ON DRAWINGS. 7. THE CAMBER OF STEEL MEMBERS SHALL BE VERIFIED IN THE SHOP AND THE FIELD
DEFERRED SUBMITTALS. REFER TO THE UMBING, AND CIVIL DRAWINGS AND BMITTAL COMPONENTS. ALL COSTS FERRED SUBMITTAL, INCLUDING THE	6. CONSTRUCTION JOINT LOCATIONS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER. NO HORIZONTAL CONSTRUCTION JOINTS ARE PERMITTED EXCEPT THOSE SHOWN ON THE STRUCTURAL DRAWINGS.	8. THE STRUCTURAL STEEL MEMBERS HAVE NOT BEEN DESIGNED TO ACCOMMODATE THE TORSION RESULTING FROM THE ECCENTRIC LOADING OF THE PRECAST PANELS, CURTAINWALL SYSTEMS, LIGHT GAUGE METAL FRAMING, ETC. SUPPLEMENTAL SECONDARY BRACING SHALL BE DESIGNED AND PROVIDED BY THE SUPPLIER TO ELIMINATE TORSION.
THE RESPONSIBILITY OF THE	7. DEFECTIVE AREAS IN CONCRETE INCLUDING, BUT NOT LIMITED TO, HONEY-COMBING, SPALLS, AND CRACKS WITH WIDTHS EXCEEDING 0.01 INCH SHALL BE REPAIRED. EXTENT OF DEFECTIVE AREA TO BE DETERMINED BY THE STRUCTURAL ENGINEER.	9. ALL STEEL EXPOSED TO WEATHER OR MOISTURE SHALL BE GALVANIZED, UNLESS OTHERWISE DIRECTED BY THE ARCHITECT.
BILITY OF THE STRUCTURE DURING	8. CONSTRUCTION JOINTS IN FLOORS SHALL BE LOCATED WITHIN THE MIDDLE THIRD OF SPANS OF SLABS, BEAMS, AND GIRDERS. JOINTS IN GIRDERS SHALL BE OFFSET A MINIMUM DISTANCE OF TWO TIMES THE WIDTH OF INTERSECTING BEAMS.	10. STABILITY BRACING: THE STABILITY OF STRUCTURAL STEEL ELEMENTS INCLUDING INDIVIDUAL HOT-ROLLED STEEL SHAPES AND FABRICATED TRUSSES IS PROVIDED BY THE FOLLOWING ELEMENTS AS INDICATED AND DETAILED IN THE STRUCTURAL CONTRACT
IN STRUCTURAL NOTE SECTION H GUARDRAILS	G. CONCRETE MASONRY	DOCUMENTS. THESE ELEMENTS SHALL BE COMPLETE AS SHOWN IN THE STRUCTURAL CONTRACT DOCUMENTS BEFORE ANY TEMPORARY MEANS AND METHODS REQUIRED FOR ERECTION ARE REMOVED.
ONENTS	 CONCRETE MASONRY WORK SHALL CONFORM TO TMS 402/602, BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES. 	STEEL FLOOR DECK WITH CONCRETE AT 28 DAY STRENGTH STEEL ROOF DECK DIAPHRAGM BRACING
ICAL, AND PLUMBING COMPONENTS CH., ELEC., AND PLUMBING EQUIPMENT , & DUCTWORK TO THE UNDERLYING	2. MINIMUM COMPRESSIVE STRENGTH OF CONCRETE MASONRY SHALL BE F'M = 2,000 PSI.	STEEL JOISTS AND / OR JOIST GIRDERS WITH ASSOCIATED BOTTOM CHORD EXTENSION STEEL JOISTS AND / OR JOIST GIRDERS COLD FORMED STEEL TRUSSES WITH METAL DECK AND / OR PLYWOOD SHEETING
NDOW WALL, AND STOREFRONT SYSTEMS) ISTRUT)	3. MORTAR SHALL BE TYPE S AND SHALL COMPLY WITH THE BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY.	STRUCTURAL STEEL BRACING AND KICKERS 11. THE WALL THICKNESS OF ROLLED HSS MEMBERS SHOWN ON THE PLANS IS THE MINIMUM
TURAL ELEMENTS AND STRUCTURES N THE CONTRACT DOCUMENTS	4. CONCRETE MASONRY UNITS SHALL BE GROUTED WITH 2,500 PSI COARSE GROUT AS SHOWN IN THE STRUCTURAL DOCUMENTS. GROUT SHALL CONFORM TO ASTM C476.	THICKNESS REQUIRED FOR STRUCTURAL PURPOSES. THE CONTRACTOR SHALL INCREASE THE WALL THICKNESS OR EMPLOY OTHER CONSTRUCTION MEANS AS REQUIRED TO PREVENT DISTORTION, WARPING, OR OIL-CANNING OF THE HSS CROSS SECTION.
SIGNED FOR THE LOADS AS DEFINED BY DATA DEFINED IN THE SECTION B OF THE	 PROVIDE HORIZONTAL JOINT REINFORCEMENT WITH NO. 9 GAGE LONGITUDINAL WIRES AT 16" VERTICALLY, UNLESS NOTED OTHERWISE. PROVIDE SPECIAL ACCESSORIES FOR CORNERS, INTERSECTIONS, ETC. 	I. STEEL DECK
	 PROVIDE OPEN BOTTOM BEAM BLOCK UNITS WITH 3" DEEP MINIMUM WEB OPENINGS AT HORIZONTAL REINFORCEMENT LOCATIONS. A MINIMUM CLEAR SPACE OF ONE BAR DIAMETER SHALL BE PROVIDED BETWEEN THE REINFORCING BARS AND THE FACE OF MASONRY UNITS. PROVIDE CONTRACTION (CONTROL) JOINTS IN ALL CONCRETE MASONRY WALLS AT 	 STEEL DECK SHALL BE PLACED OVER MULTIPLE SPANS WHEREVER POSSIBLE. WHERE SINGLE SPAN DECK IS REQUIRED, THE CONTRACTOR SHALL DRAW SPECIFIC ATTENTION TO THOSE LOCATIONS ON THE SHOP DRAWINGS.
TION PROVIDED IN THE EXISTING M-LIMP COMPANY. STRUCTURAL ENGINEER ONS ENCOUNTERED IN THE FIELD	LOCATIONS APPROVED BY THE ARCHITECT AT A MAXIMUM SPACING OF 1.5 TIMES THE WALL HEIGHT OR 25'-0", WHICHEVER IS LESS. THE DISTANCE TO THE FIRST CONTRACTION JOINT FROM CORNERS OR INTERSECTING WALLS IS LIMITED TO HALF OF THE ABOVE VALUE.	2. SUBMIT SHOP DRAWINGS SHOWING THE STEEL DECK PROFILE, GAGE, PHYSICAL PROPERTIES, AND LAYOUT. THE SUBMITTAL SHALL INCLUDE ALL ACCESSORIES AND INSTALLATION DETAILS. IF DECK OTHER THAN THE BASIS OF DESIGN IS PROVIDED, THE SUBMITTAL SHALL INCLUDE LOAD TABLES DEMONSTRATING THE DECK MEETS OR EXCEEDS THE BASIS OF DESIGN. THE LOAD TABLES SHALL BE IN ACCORDANCE WITH THE STEEL DECK INSTITUTE
L CERTIFY THE BEARING MEDIUM. PABLE OF SUPPORTING 3,000 PSF.	8. PROVIDE DOVETAIL ANCHORS AT 16" C/C, UNLESS NOTED OTHERWISE, WHERE MASONRY WALLS ABUT CONCRETE SURFACES OR STRUCTURAL STEEL MEMBERS.	(SDI) REQUIREMENTS 3. ROOF DECK:
	9. SUBMIT WRITTEN CONSTRUCTION PROCEDURES PRIOR TO THE START OF MASONRY CONSTRUCTION.	3.1 DECK SHALL BE A MINIMUM OF 20 GAGE, GALVANIZED.
615, GRADE 60, UNLESS NOTED OTHERWISE.	10. MINIMUM VERTICAL WALL REINFORCEMENT SHALL BE #5@32",FOR INTERIOR WALLS AND #5@16", FOR EXTERIOR WALLS, UNLESS NOTED OTHERWISE.	4. NON-COMPOSITE FORM DECK:4.1 DECK SHALL BE A MINIMUM OF 26 GAGE, GALVANIZED.
A1064 AND HAVE MINIMUM SIDE AND END	H. STRUCTURAL STEEL	4.2 NON-COMPOSITE FLOOR DECK IS DESIGNED TO BE UNSHORED UNLESS NOTED OTHERWISE ON THE CONTRACT DOCUMENTS. CONTRACTOR IS RESPONSIBLE FOR
ICT THE REINFORCING BAR SIZES AND CEMENT WITHOUT ADEQUATE SECTIONS,	 STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED ACCORDING TO THE ANSI/AISC 360 "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" AND THE AISC 303 "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES". 	SHORING DECK OR INCREASING DECK GAGE WHERE THE DECK CLEAR SPAN EXCEEDS THE SDI MAXIMUM UNSHORED CLEAR SPAN CONSIDERING THE LAYOUT OF THE DECK. ANY SUCH AREA OF SHORING OR INCREASED DECK GAGE SHALL BE NOTED ON THE SHOP DRAWINGS AND APPROVED BY THE STRUCTURAL ENGINEER.
SIZE AND NUMBER AS THE VERTICAL WALL WISE.	2. STRUCTURAL STEEL SHALL BE OF THE FOLLOWING GRADE UNLESS NOTED OTHERWISE ON DRAWINGS:	5. CONCRETE SLABS ON METAL DECK 5.1 FLOOR SLABS ARE TO BE FINISHED LEVEL TO THE FLATNESS AND LEVELNESS
TED OTHERWISE: ONCRETE REINFORCEMENT COVER 3" CLEAR	W AND WT-SHAPES ASTM A992, GRADE 50 SQUARE/RECTANGULAR HSS ASTM A500, GRADE C OR ASTM A1085 ROUND HSS ASTM A500, GRADE C OR ASTM A1085 ROUND PIPE ASTM A53, GRADE B OTHER STEEL SHAPES (CHANNELS, ASTM A36 ANGLES, PLATES, AND ROUND ROD)	 REQUIREMENTS OF ACI 301, ACI 117, AND ACI 302.1. THE WEIGHT OF THE WET CONCRETE WILL CAUSE DEFLECTIONS OF THE STEEL FRAMING, THUS, CONCRETE OVERRUNS ARE TO BE ANTICIPATED AND INCLUDED IN THE CONTRACTOR'S BASE BID. 5.2 COORDINATE EMBEDDED ITEMS REQUIRED FOR ARCHITECTURAL, STRUCTURAL, AND MEP ELEMENTS.
R 2" CLEAR	3. BOLTS, ANCHOR RODS, AND HEADED STUDS:	J. COLD-FORMED METAL STUDS
1-1/2" CLEAR CT WITH EARTH:	3.1 ALL BOLTS SHALL BE GROUP A OR GROUP B HIGH STRENGTH BOLTS WITH A 3/4" MINIMUM DIAMETER. THE FOLLOWING CONNECTIONS SHALL BE SLIP CRITICAL:	1. COLD-FORMED STEEL DESIGN, FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH
3/4" CLEAR 3/4" CLEAR 1-1/2" CLEAR 1-1/2" CLEAR	SHEAR CONNECTIONS IN MOMENT CONNECTIONS WITH WELDED JOINTS (MOMENT FRAMES, CANTILEVERS, ETC.) FIELD MODIFIED CONNECTIONS HANGERS CONNECTIONS IN BRACED FRAMES	AISI S100 "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS". 2. DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS AND THEIR CONNECTIONS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. SUBMIT SHOP DRAWINGS SEALED BY AN
PLACED IN THE CENTER OF CMU CELLS, CING STEEL IS NOTED TO BE PLACED PLACE BAR TO ACHIEVE 2" CLEAR COVER CE OF CMU BLOCK.	OTHER CONNECTIONS AS NOTED IN THE DRAWINGS ALL OTHER CONNECTIONS MAY BE BEARING TYPE. BOLT SHEAR STRENGTH SHALL BE DETERMINED IN ACCORDANCE WITH TABLES 7-1 OR 7-3 AS APPLICABLE IN THE AISC "STEEL CONSTRUCTION MANUAL".	ENGINEER LICENSED IN THE PROJECT STATE. SHOP DRAWINGS SHALL INCLUDE PLACING DRAWINGS FOR FRAMING MEMBERS SHOWING SIZE AND GAGE DESIGNATIONS, NUMBER, TYPE, LOCATION AND SPACING. INDICATE SUPPLEMENTAL STRAPPING, BRACING, SPLICES, BRIDGING, ACCESSORIES AND DETAILS REQUIRED FOR PROPER INSTALLATION. REVIEW OF SHOP DRAWINGS SHALL BE FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS REGARDING ARRANGEMENT AND SIZES OF MEMBERS AND THE CONTRACTOR'S INTERPRETATION OF THE
CATIONS SHOWN OR NOTED IN THE T MARKED "CONTINUOUS" CAN BE SPLICED LICES AT OTHER LOCATIONS SHALL BE INEER. REINFORCING STEEL SPLICES	 3.2 ANCHOR RODS SHALL CONFORM TO ASTM F1554, GRADE 36, UNLESS NOTED OTHERWISE. 3.3 HEADED STUDS SHALL BE 3/4" DIAMETER, UNLESS NOTED OTHERWISE, AND SHALL CONFORM TO AWS D1.1. LENGTH OF STUD PRIOR TO INSTALLATION SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWING: 	 DESIGN LOADS AND CONTRACT DOCUMENT DETAILS. SUCH REVIEW SHALL NOT RELIEVE THE CONTRACTOR OF FULL RESPONSIBILITY FOR THE DESIGN OF THE COLD-FORMED STEEL STRUCTURAL MEMBERS AND THEIR CONNECTIONS. COLD-FORMED STEEL WALL SYSTEMS SHALL BE DESIGNED TO ACCOMMODATE DIFFERENTIAL
SE: TENSION LAP - SEE REINFORCING LAP LENGTH SCHEDULE FORCING LAP LENGTH SCHEDULE	COMPOSITE BEAMS: 3-7/8" LONG HEADED STUDS (FOR 5 1/4" SLABS) 4-7/8" LONG HEADED STUDS (FOR 6-1/4" SLABS) BEAMS SUPPORTING CMU: 6" MISCELLANEOUS EMBEDS: SEE CONTRACT DRAWINGS	LIVE LOAD DEFLECTIONS BETWEEN FLOORS.

K. POST-INSTALLED ANCHORS AND REINFORCING STEEL

- 1. POST-INSTALLED ANCHORS AND REINFORCING STEEL SHALL ONLY BE USED WHERE SPECIFIED ON THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE STRUCTURAL ENGINEER PRIOR TO INSTALLING POST-INSTALLED ANCHORS OR REINFORCING STEEL IN PLACE OF MISSING OR MISPLACED CAST-IN-PLACE ANCHORS OR REINFORCING STEEL.
- ANCHORS AND REINFORCING STEEL SHALL BE INSTALLED PER THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPII)
- 3. SUBSTITUTION REQUESTS FOR PRODUCTS OTHER THAN THOSE SPECIFIED BELOW SHALL BE SUBMITTED BY THE CONTRACTOR TO THE STRUCTURAL ENGINEER ALONG WITH CALCULATIONS THAT ARE SIGNED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER. THE CALCULATIONS SHALL DEMONSTRATE THAT THE SUBSTITUTED PRODUCT IS CAPABLE OF ACHIEVING EQUIVALENT PERFORMANCE VALUES (MINIMUM) OF THE SPECIFIED PRODUCT USING THE APPROPRIATE DESIGN PROCEDURE AND/OR STANDARD(S) AS REQUIRED BY THE BUILDING CODE.
- 4. THE CONTRACTOR SHALL ARRANGE ONSITE INSTALLATION TRAINING BY THE MANUFACTURER FOR EACH PRODUCT TO BE INSTALLED. SUBMIT TO THE STRUCTURAL ENGINEER DOCUMENTATION CONFIRMING TRAINING OF ALL PERSONNEL WHO WILL BE INSTALLING PRODUCTS. TRAINING AND DOCUMENTATION SHALL OCCUR PRIOR TO COMMENCEMENT OF PRODUCT INSTALLATION. INSTALLATION OF ADHESIVE ANCHOR PRODUCTS IN HORIZONTAL OR UPWARDLY INCLINED ORIENTATION RESISTING SUSTAINED TENSION LOADS SHALL BE CONDUCTED BY AN INSTALLER CERTIFIED IN ACCORDANCE WITH THE ACI/CRSI ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM. PROOF OF CERTIFICATION SHALL BE MAINTAINED AT THE JOB SITE.
- 5. ANCHOR CAPACITY IS DEPENDENT UPON SPACING BETWEEN ADJACENT ANCHORS, CONCRETE STRENGTH AND PROXIMITY OF ANCHORS TO EDGE OF CONCRETE. INSTALL ANCHORS IN ACCORDANCE WITH SPACING AND EDGE CLEARANCES INDICATED ON THE DRAWINGS. IF NO SPACING OR EDGE DISTANCES ARE SPECIFIED ON THE STRUCTURAL DRAWINGS. REFER TO APPLICABLE EVALUATION REPORT FOR CRITICAL SPACING AND EDGE DISTANCES.
- 6. EXISTING REINFORCING BARS IN THE CONCRETE STRUCTURE MAY CONFLICT WITH SPECIFIC ANCHOR OR REINFORCING LOCATIONS. THE CONTRACTOR SHALL REVIEW THE EXISTING STRUCTURAL DRAWINGS AND SHALL UNDERTAKE TO LOCATE THE POSITION OF THE REINFORCING BARS AT THE LOCATIONS OF THE CONCRETE ANCHORS OR REINFORCING, BY FERROSCAN, GPR, X-RAY, CHIPPING OR OTHER MEANS IN ORDER TO AVOID CONFLICT WITH INSTALLATION. THE CONTRACTOR SHALL NOT DAMAGE ANY REINFORCING STEEL PRIOR TO CONSULTING WITH THE STRUCTURAL ENGINEER.
- 7. UNLESS NOTED OTHERWISE, THE MINIMUM EMBEDMENT OF EXPANSION AND SCREW ANCHORS SHALL BE 6 TIMES THE ANCHOR DIAMETER, THE MINIMUM EMBEDMENT FOR ADHESIVE ANCHORS SHALL BE 12 TIMES THE ANCHOR DIAMETER, AND THE MINIMUM EMBEDMENT FOR ADHESIVE REINFORCING SHALL BE 12 BAR DIAMETERS. 8. ADHESIVE ANCHOR INSERT SHALL BE:
 - INTERIOR NON-CORROSIVE ENVIRONMENTS: ASTM F1554 Gr. 36 ALL-THREAD ROD EXTERIOR NON-CORROSIVE ENVIRONMENTS: ASTM F1554 Gr. 36 ALL-THREAD ROD HOT-DIPPED GALVANIZED PER ASTM B695, CLASS 65, TYPE I CORROSIVE ENVIRONMENTS: ASTM A193 GR. B8M TYPE 316 ALL-THREAD ROD
- 9. MECHANICAL AND SCREW ANCHORS IN EXTERIOR NON-CORROSIVE ENVIRONMENTS SHALL BE HOT-DIPPED GALVANIZED PER ASTM B695, CLASS 65, TYPE I
- 10. ADHESIVE ANCHORS AND REINFORCING STEEL CAPACITY IS DEPENDENT UPON INSTALLATION CONDITIONS. THE FOLLOWING INSTALLATION CONDITIONS HAVE BEEN ASSUMED: HOLES DRILLED WITH HAMMER DRILL WITH CARBIDE TIPPED DRILL BIT DRY HOLE
- CONCRETE CURED FOR A MINIMUM OF 21 DAYS TEMPERATURE CATEGORY B (110 DEG. F LONG TERM AND 130 DEG. F SHORT TERM)
- IF THESE CONDITIONS DO NOT EXIST, THE CONTRACTOR SHALL SUBMIT ALTERNATE DRILLING METHODS AND MANUFACTURER BOND DATA FOR THE CONDITIONS BEING INSTALLED. 11. POST-INSTALLED ANCHORS AND REINFORCING INSTALLED INTO CONCRETE SHALL BE AS INDICATED BELOW.
- 11.1 MECHANICAL AND SCREW ANCHORS FOR USE IN CONCRETE SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN CRACKED CONCRETE IN ACCORDANCE WITH ACI 355.2 AND ICC-ES AC193.
 - 11.1.1 EXPANSION ANCHORS SHALL BE ONE OF THE FOLLOWING, U.N.O.: SIMPSON STRONG-TIE STRONG-BOLT 2 (ICC ESR-3037)
 - HILTI KWIK BOLT-TZ2 (ICC ESR-4266) DEWALT POWER-STUD+ SD2 (ICC ESR-2502)
 - 11.1.2 SCREW ANCHORS SHALL BE ONE OF THE FOLLOWING, U.N.O.: SIMPSON STRONG-TIE TITEN-HD (ICC ESR-2713)
 - HILTI KWIK HUS-EZ (ICC ESR-3027) DEWALT SCREW-BOLT+ (ICC ESR-3889
- 11.1.3 SHALLOW EMBEDMENT ANCHORS (<3/4") SHALL BE ONE OF THE FOLLOWING, U.N.O.: HILTI HDI-P-TZ (ICC ESR-4236)
 - DEWALT MINI-UNDERCUT+ (ICC ESR-3912)
- 11.2 ADHESIVE ANCHORS FOR USE IN CONCRETE SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN CRACKED CONCRETE IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC308 AND THE ICC-ES EVALUATION SERVICES REPORT SHALL SHOW COMPLIANCE WITH THE BUILDING CODE STATED IN SECTION B OF THESE STRUCTURAL NOTES. 11.2.1 ADHESIVE ANCHORS SHALL BE ONE OF THE FOLLOWING, U.N.O.:
 - SIMPSON STRONG-TIE SET-XP (ICC ESR-2508) HILTI HIT-RE 500 v3 SLOW CURE (ICC ESR-3814) HILTI HIT-HY 200 FAST CURE (ICC ESR-3187)
 - DEWALT PURE110+ (ICC ESR-3298) RED HEAD EPCON C6+ (ICC ESR-3577)

11.3 ADHESIVE FOR INSTALLING REINFORCING STEEL IN EXISTING CONCRETE SHALL BE QUALIFIED IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC308 AND THE ICC-ES EVALUATION SERVICES REPORT SHALL SHOW COMPLIANCE WITH THE BUILDING CODE STATED IN SECTION B OF THESE STRUCTURAL NOTES. 11.3.1 ADHESIVE SHALL BE ONE OF THE FOLLOWING, U.N.O.:

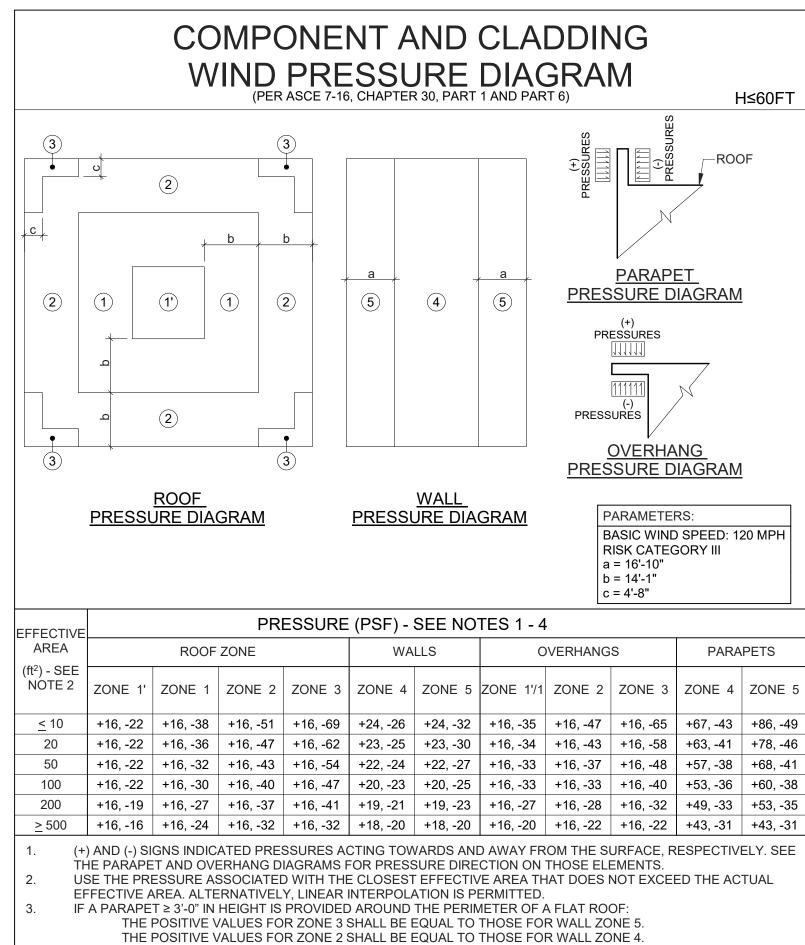
- SIMPSON STRONG-TIE "SET-XP" (ICC-ES ESR-2508) HILTI HIT-RE 500 v3 SLOW CURE (ICC ESR-3814) DEWALT PURE110+ (ICC ESR-3298)
 - RED HEAD EPCON C6+ (ICC ESR-3577)
- 12. POST-INSTALLED ANCHORS INSTALLED INTO SOLID GROUTED CONCRETE MASONRY CELLS SHALL BE AS INDICATED BELOW. DO NOT INSTALL ANCHORS INTO HOLLOW HEAD JOINTS OR TEE JOINTS BETWEEN MASONRY BLOCKS.
- 12.1 MECHANICAL AND SCREW ANCHORS SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ICC-ES AC01 AND AC106, RESPECTIVELY. 12.1.1 EXPANSION ANCHORS SHALL BE ONE OF THE FOLLOWING, U.N.O. SIMPSON STRONG-TIE STRONG-BOLT2 (IAPMO-UES ER-240)
 - HILTI KWIK BOLT-TZ2 (ICC ESR-4561) DEWALT POWER-STUD+ SD1 (ICC ESR-2966)
 - 12.1.2 SCREW ANCHORS SHALL BE ONE OF THE FOLLOWING, U.N.O.: SIMPSON STRONG-TIE TITEN-HD (ICC ESR-1056)
 - HILTI KWIK HUS-EZ (ICC ESR-3056) DEWALT SCREW-BOLT+ (ICC-ES ESR-4042)
- 12.2 ADHESIVE ANCHORS SHALL HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ICC-ES AC58 12.2.1 ADHESIVE ANCHORS SHALL BE ONE OF THE FOLLOWING, U.N.O.:
 - SIMPSON STRONG-TIE "SET-XP" (IAPMO-UES ER-265) HILTI HIT-HY 270 (ICC ESR-4143 DEWALT AC100+ GOLD (ICC ESR-3200)
- 13. POST-INSTALLED ANCHORS INSTALLED INTO HOLLOW CONCRETE MASONRY SHALL BE AS INDICATED BELOW:
- 13.1 SCREW ANCHORS SHALL HAVE BEEN TESTED AND QUALIFIED IN ACCORDANCE WITH ICC-ES AC106.
- 13.1.1 SCREW ANCHORS SHALL BE ONE OF THE FOLLOWING, U.N.O.: DEWALT TAPPER + (ICC ESR 3196) SIMPSON STRONG-TIE TITEN-HD (ICC ESR-1056) HILTI KWIK-CON II (ICC ESR-NOT AVAILABLE)
- 13.2 ADHESIVE ANCHORS WITH SCREEN TUBES SHALL BE TESTED AND QUALIFIED IN ACCORDANCE WITH ICC-ES AC58 OR AC60, AS APPROPRIATE. SCREEN TUBES SHALL BE USED AS RECOMMENDED BY THE ADHESIVE MANUFACTURER 13.2.1 ADHESIVE ANCHORS SHALL BE ONE OF THE FOLLOWING, U.N.O.: SIMPSON STRONG-TIE "SET-XP" (IAPMO-UES ER-265)
 - HILTI HIT-HY 270 (ICC ESR-4143) DEWALT AC100+ GOLD (ICC ESR-3200)



r		
	SONRY UNIT WALL	
LAP	LENGTH SCHEDUL	E (1)
	PRESSION LAP SPLICE LI 60 (2) UNCOATED BARS (
	LAP LE	ENGTH
BAR SIZE (4)	CASE A (5)	CASE B (5)
#3	15	27
#4	20	36
#5	25	45
#6	30	54
#7	35	63
#8	40	72
#9	46	82
NOTES:		
	HS ARE BASED ON SECT	ION 2107 OF THE
BUILDING CODE. 2. MULTIPLY ABOVE L	AP LENGTHS BY 1.25 FOF	R GRADE 75
REINFORCING STEE		

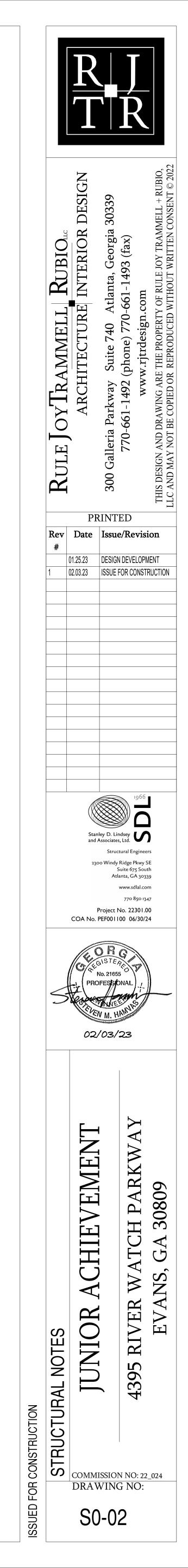
- REINFORCING STEEL. . MULTIPLY ABOVE LAP LENGTHS BY 1.50 FOR EPOXY COATED BARS. . REINFORCEMENT LARGER THAN #9 SHALL BE SPLICED USING
- MECHANICAL CONNECTIONS. 5. USE CASE B UNLESS NOTED OTHERWISE ON PLANS OR DETAILS.

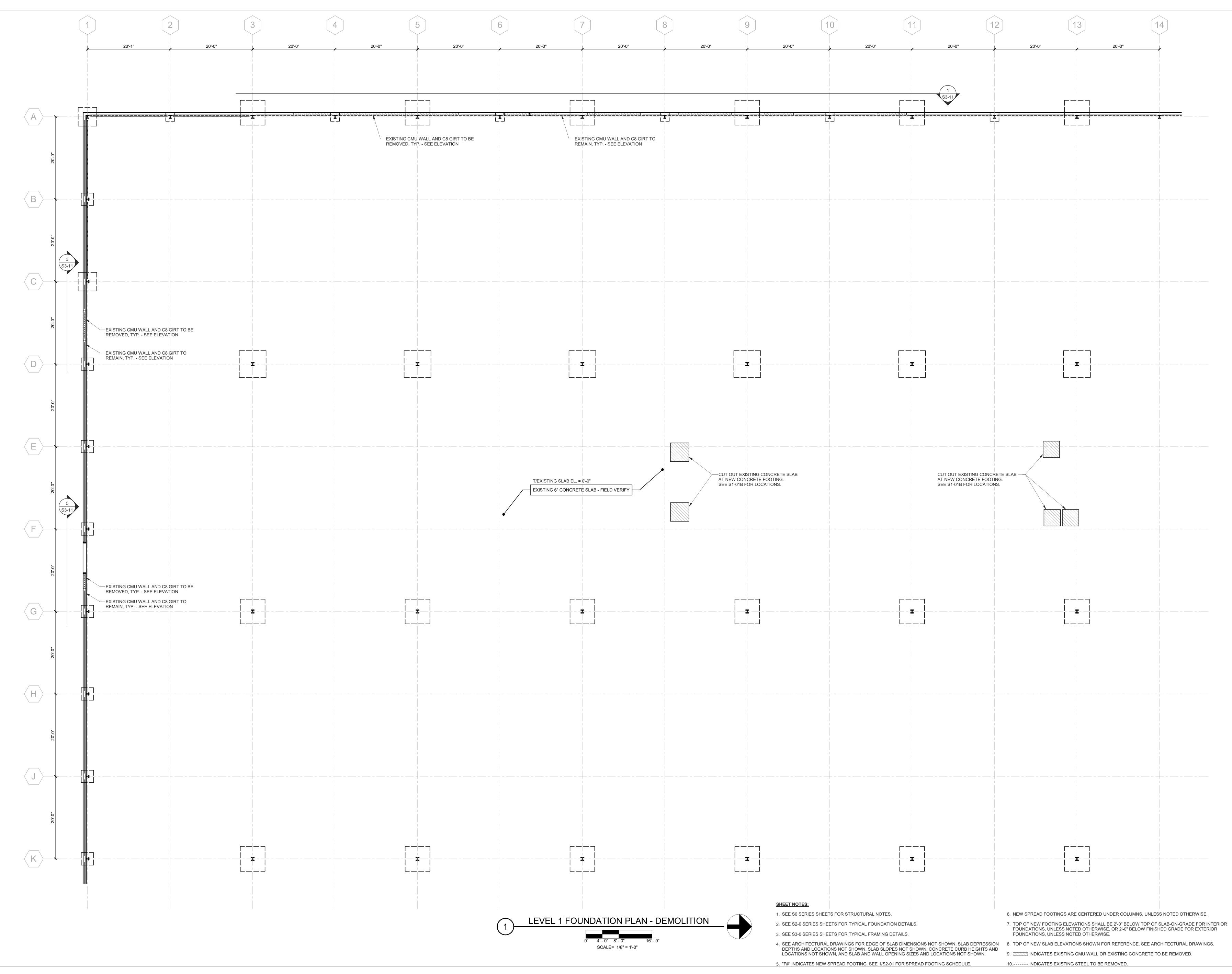
		LAP SPLIC BARS, f'c =		
BAR SIZE	LAP CLASS	T(CA	ENGTH PI DP BARS (TEGORY	6) (2)
#3	A B	1 32 42	2 22 28	3 13 17
#4	A B	43 56	29 37	17 23
#5	A B	54 70	36 47	22 28
#6	A B	64 84	43 56	26 34
#7	A B	94 122	63 81	38 49
#8	A B	107 139	72 93	43 56
#9	A B	121 157	81 105	49 63
#10	A B	136 177	91 118	55 71
#11	A B	151 196	101 131	61 79
		LAP SPLIC BARS, f'c =		
BAR SIZE	LAP CLASS	TC CA	ENGTH PI DP BARS (TEGORY	6) (2)
#3	A	1 21	2 14	3 12
#3	B	26 28	18 19	12 12
#5	B	37 35	25 24	15 14
#6	B 46 A 42		31 28	18 17
#7	B A	55 61	37 41	22 25
#8	B	80 70	53 47	32 28
#9	B	91 79	61 53	37 32
#10	B	103 89	69 59	41 36
#11	B A	116 99	77 66	47 40
	B LAP	128 NOTES:	86	52
		LAP SPLIC AND 12.2. CATEGOF	3.	
		CATEG	ORY 1	- CC
		CATEG	ORY 2	- CC SP TH
	4. 5. 6.	CATEG MINIMUM MULTIPLY MULTIPLY TOP BARS 12 INCHES LENGTH C COMPRES MINIMUM	LAP SPLIC ABOVE L ARE DEF ARE DEF OF FRES DR SPLICE SSION LAF	AP LEN AP LEN FINED / SH CON E. PS FOR

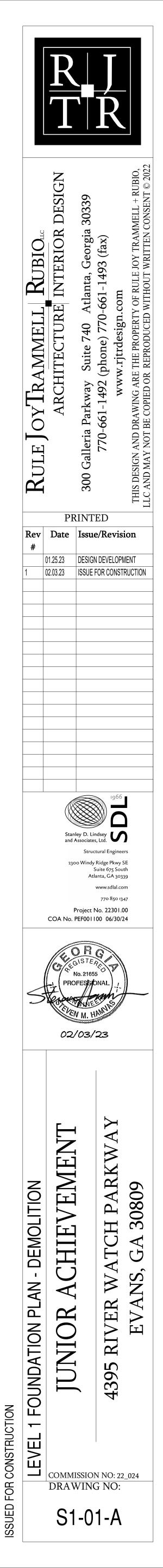


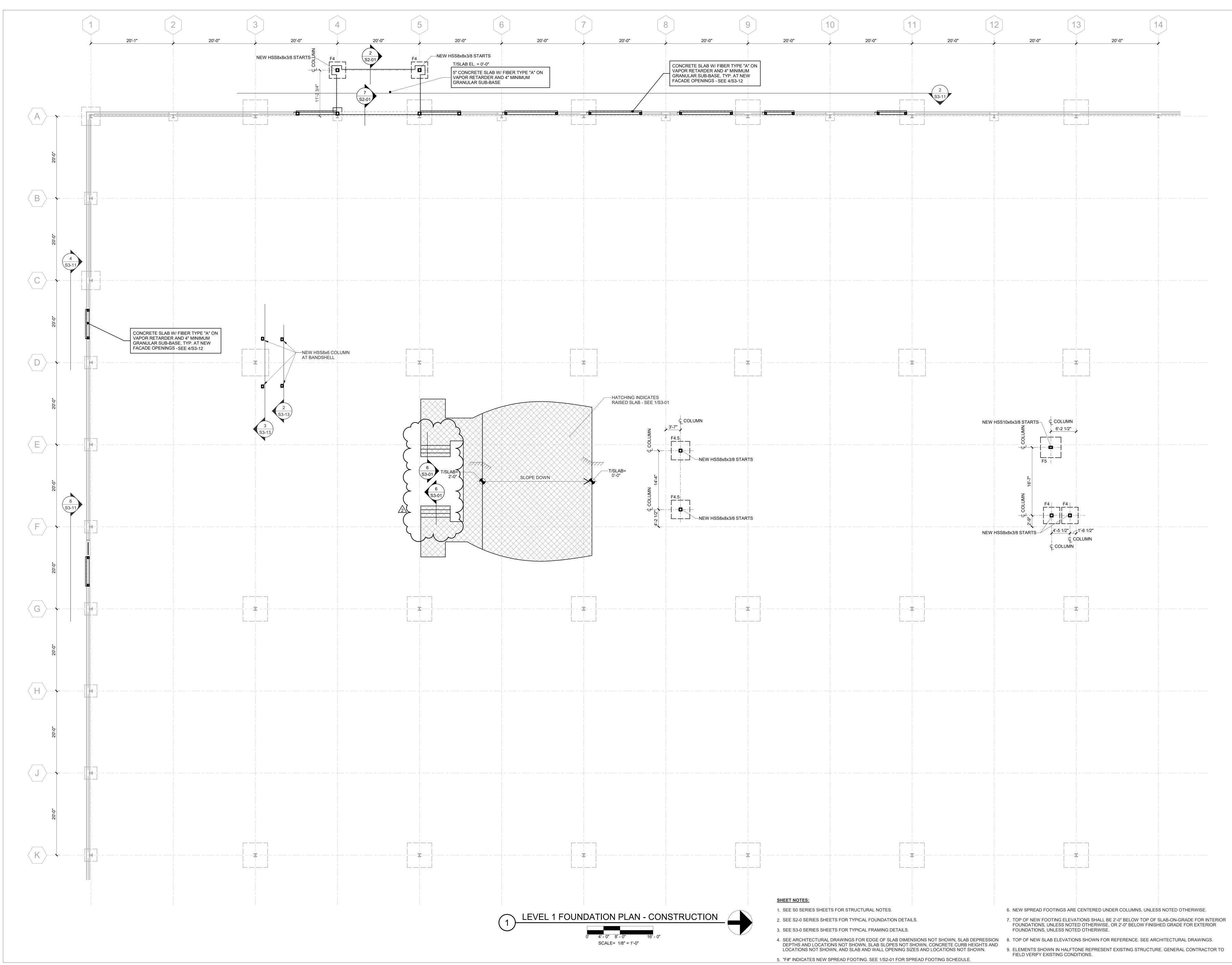
THE WIND PRESSURES USED TO DESIGN ANY DEFERRED SUBMITTAL ELEMENT SHALL BE CALCULATED BY THE REGISTERED PROFESSIONAL ENGINEER DESIGNING THOSE ELEMENTS. NOTIFY THE STRUCTURAL ENGINEER OF ANY DISCREPANCIES.

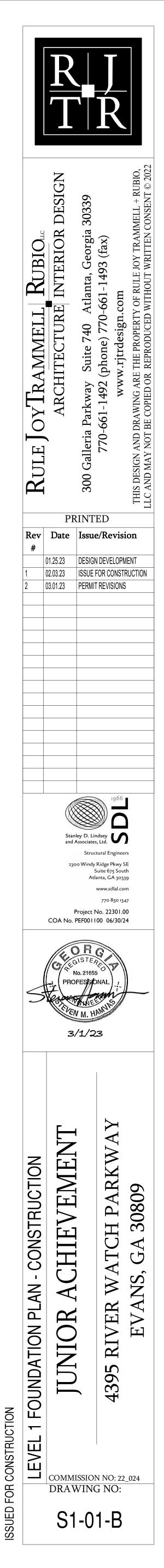
						REINFO	ORCIN	G LAP LE	NGTH	SCHEDU	JLE								
ΓΗS, (INCHI i; NORMAL·								THS, (INCHI si; NORMAL								HS, (INCHI ; NORMAL			
PER SPACI			. ,			,	· •	PER SPACI			()					ER SPACI			()
(6) ((2) 3		THER BAF TEGORY 2		BAR SIZE	LAP CLASS		OP BARS ATEGOR			THER BAP ATEGORY		BAR SIZE	LAP CLASS		OP BARS (ATEGORY 2			THER BAI ATEGORY 2	
13 17	25 32	17 22	12 13	#3	A B	28 36	19 24	12 15	22 28	15 19	12 12	#3	A B	25 33	17 22	12 13	19 25	13 17	12 12
17 23	33 43	22 29	13 17	#4	A B	37 48	25 32	15 20	29 37	19 25	12 15	#4	A B	33 43	22 29	14 18	26 33	17 22	12 14
22 28	41 54	28 36	17 22	#5	A B	47 60	31 40	19 24	36 47	24 31	15 19	#5	A B	42 54	28 36	17 22	32 42	22 28	13 17
26 34	50 64	33 43	20 26	#6	A B	56 72	37 48	22 29	43 56	29 37	17 22	#6	A B	50 65	33 43	20 26	38 50	26 33	16 20
38 49	72 94	48 63	29 38	#7	A B	81 106	54 70	33 42	63 81	42 54	25 33	#7	A B	73 94	49 63	29 38	58 73	37 49	23 29
43 56	82 107	55 72	33 43	#8	A B	93 121	62 80	37 48	71 93	48 62	29 37	#8	A B	83 108	55 72	33 43	64 83	43 55	26 33
49 63	93 121	62 81	38 49	#9	A B	105 136	70 91	42 55	81 105	54 70	33 42	#9	A B	94 122	63 81	38 49	72 94	48 63	29 38
55 71	105 136	70 91	42 55	#10	A B	118 153	79 102	47 62	91 116	61 79	37 47	#10	A B	105 137	70 91	42 55	81 105	54 70	33 42
61 79	116 151	78 101	47 61	#11	A B	131 170	87 113	53 68	101 131	67 87	41 53	#11	A B	117 152	76 101	47 61	90 117	60 78	36 47
THS, (INCHI				T	ENSION L	AP SPLIC BARS, f'c	CE LENG =8,000ps	THS, (INCHI si; NORMAL-	ES) FOR (WEIGHT	GRADE 60 CONCRET	(4) E (5)					HS, (INCHI i; NORMAL			
PER SPACI	1		()	BAR LAP TOP BAR							()	BAR	LAP			ER SPACI	1		()
(6) (2)			(2)	SIZE CLASS CATEGORY (2) CATEGORY (2) SIZ		SIZE	CLASS		OP BARS (ATEGORY	(Ź)		THER BAI	(2)						
3 12 12	16 21	2 12 14	3 12 12	#3	A B	20 26	2 13 17	3 12 12	15 20	2 12 13	3 12 12	#3	A B	18 23	2 12 16	3 12 12	14 18	2 12 12	3 12 12
12 12 15	21 22 28	14 15 19	12 12 12	#4	A B	26 34	18 23	12 12 14	20 20 26	14 18	12 12 12	#4	AB	23 24 31	16 21	12 12 12	18 18 24	12 12 16	12 12 12
14	27 35	18 24	12 14	#5	AB	33 43	22 29	13 17	25 33	17 22	12 13	#5	AB	30 38	20 26	12 16	23 30	15 20	12 12
17 22	33 42	22 28	13 17	#6	A B	40 51	26 34	16 21	30 40	20 26	12 16	#6	AB	35 46	24 31	14 19	27 35	18 24	12 14
25 32	47 61	32 41	19 25	#7	A B	58 75	38 50	23 30	44 58	30 38	18 23	#7	A B	51 67	34 45	21 27	40 51	27 34	16 21
28 37	54 70	36 47	22 28	#8	A B	66 85	44 57	26 34	51 66	34 44	20 26	#8	A B	59 76	39 51	24 31	45 59	30 39	18 24
32 41	61 79	41 53	25 32	#9	A B	74 96	49 64	30 39	57 74	38 49	23 30	#9	A B	66 86	44 57	27 35	51 66	34 44	21 27
36 47	69 89	46 59	28 36	#10	A B	83 108	56 72	34 44	64 83	43 56	26 34	#10	A B	75 97	50 65	30 39	57 75	38 50	23 30
40 52	76 99	51 66	31 40	#11	A B	93 120	62 80	37 48	71 93	48 62	29 37	#11	A B	83 108	55 72	33 43	64 83	43 55	26 33
ITIONS: (SE - CODE - CODE SPLIC THAN - CODE CLEA ICE SHALL LAP LENGT	EE ADJAC 12.2.2 OT 12.2.2 - C ED NOT L db. 12.2.3 - C R SPACINI NOT BE L THS BY 1.2	ENT FIGU HER CAS ELEAR SPA ESS THAN G NOT LE ESS THAN 25 FOR GF	1 SECTION RES FOR A ES - DOES ACING OF B VER NOT LE SS THAN 40 VER NOT LE SS THAN 40 VER NOT LE SS THAN 40 VER NOT LE SS THAN 40 VER NOT LE ST NOT	DDITIONAL NOT MEET ARS BEINC CLEAR COV ESS THAN Ib. 3. INFORCING	INFORM/ CATEGO DEVELC (ER NOT I 2db AND 1 G STEEL.	ATION) RY 2 OR 3 PED OR LESS					CATEGOR	PF ETE 2db RY 3 F	-		STAGGER		AR SPACI	NG	
FINED AS	HORIZON	TAL REINF	FORCEMEN E MEMBER	T SO PLAC	ED THAT	-				> = 2db				0	•	ABOVE	N COLUM	N	

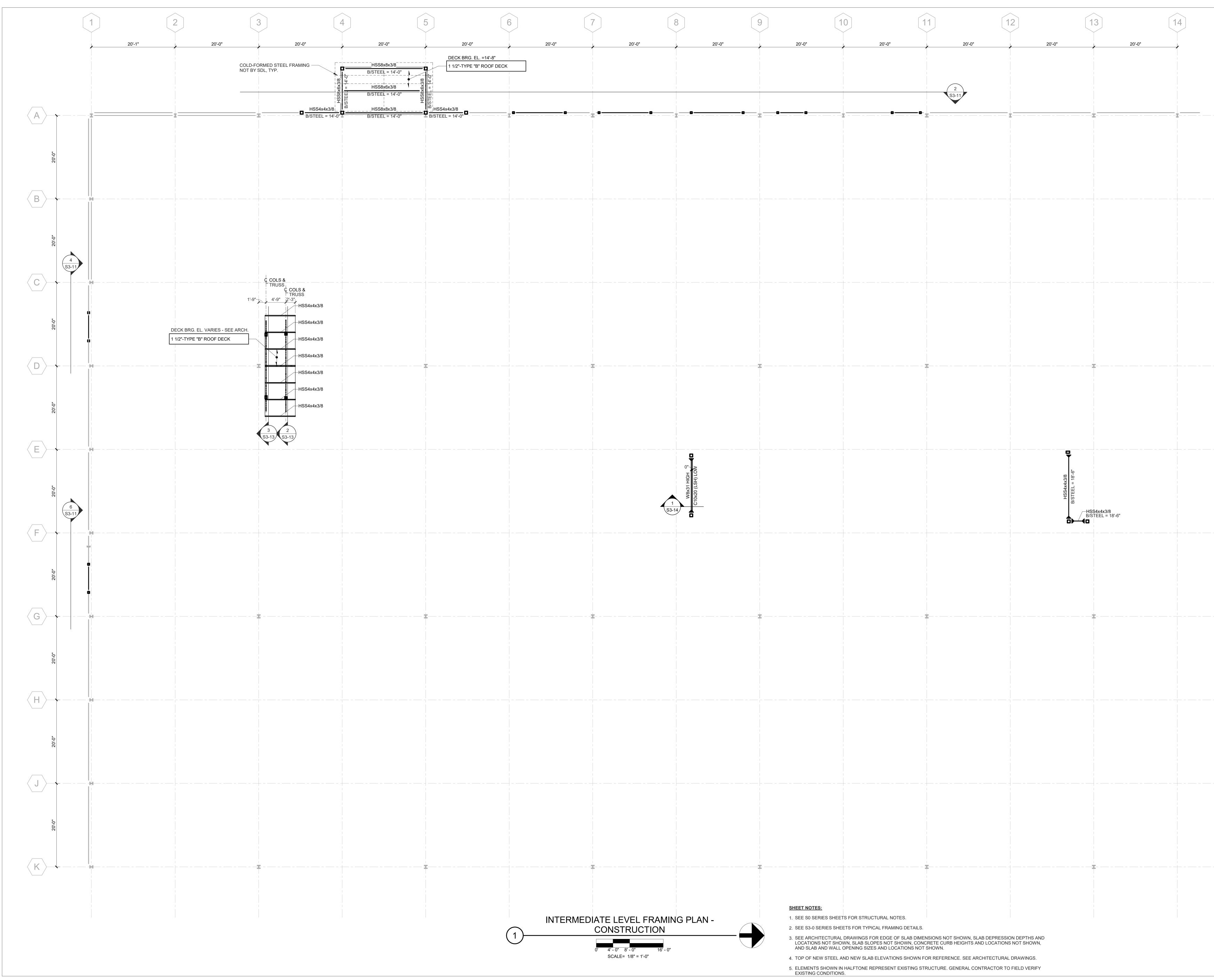


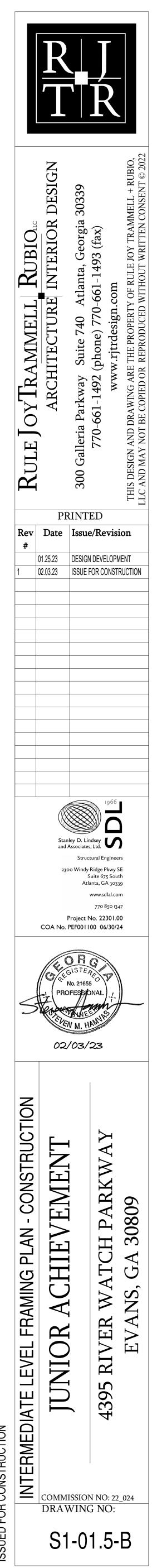




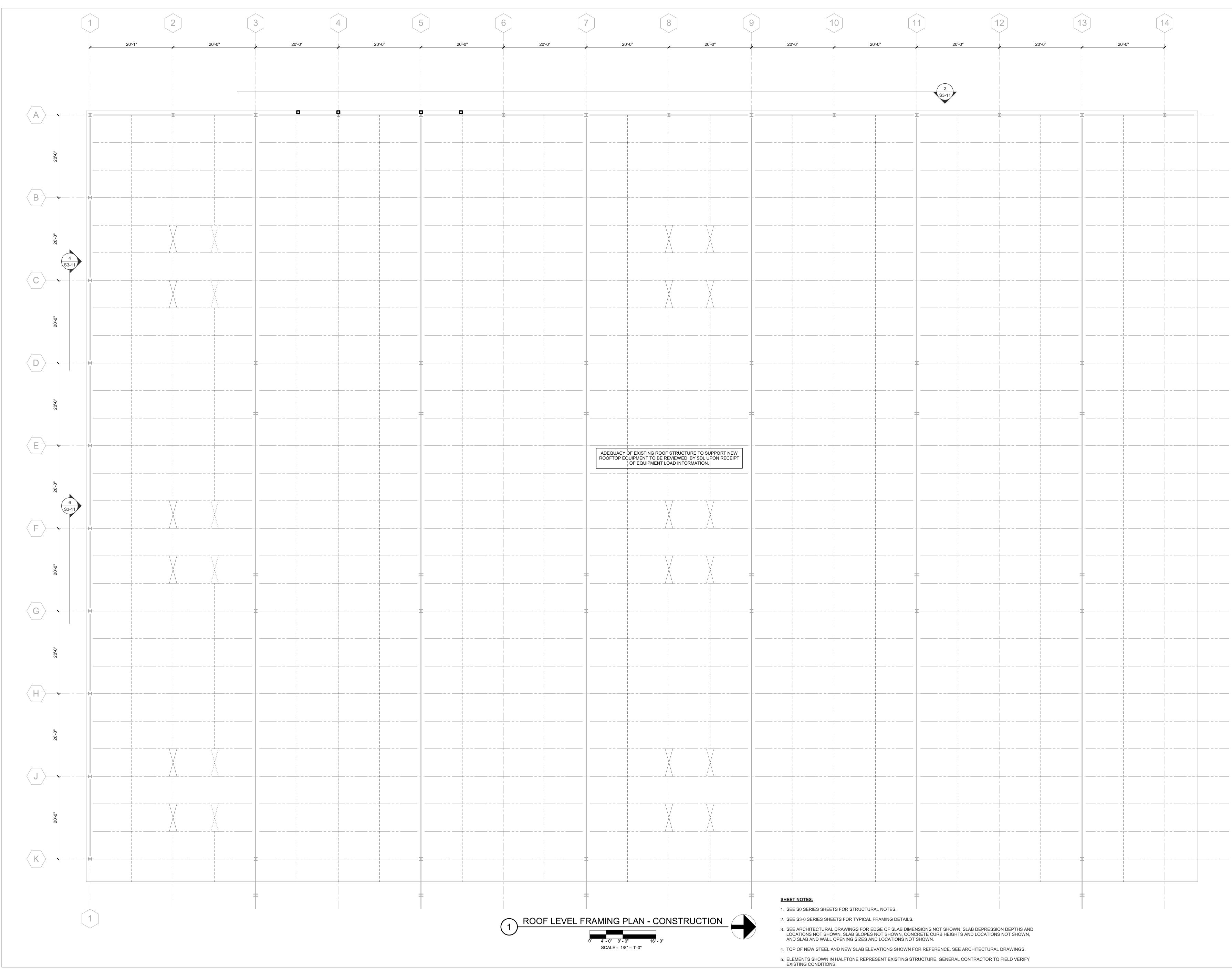


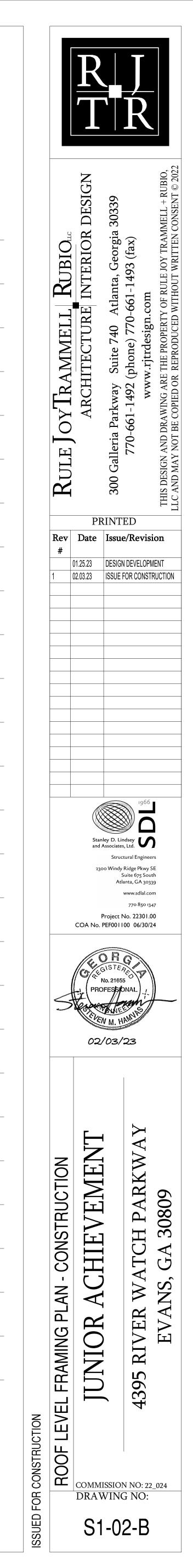




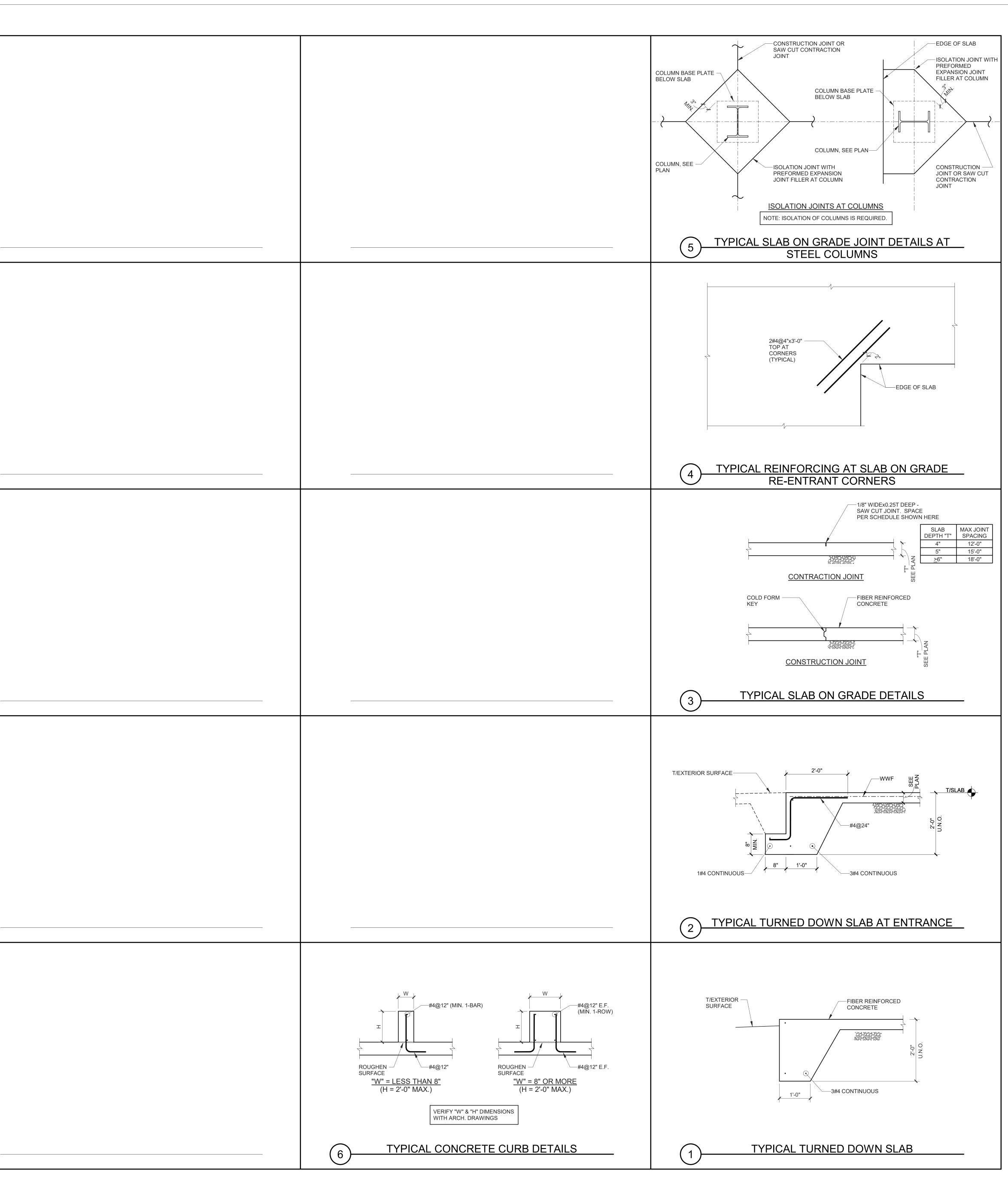


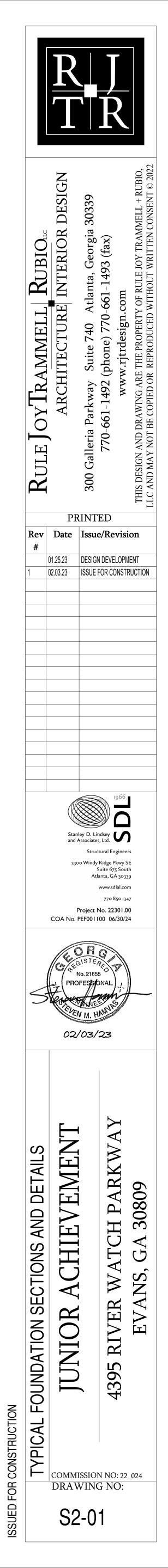
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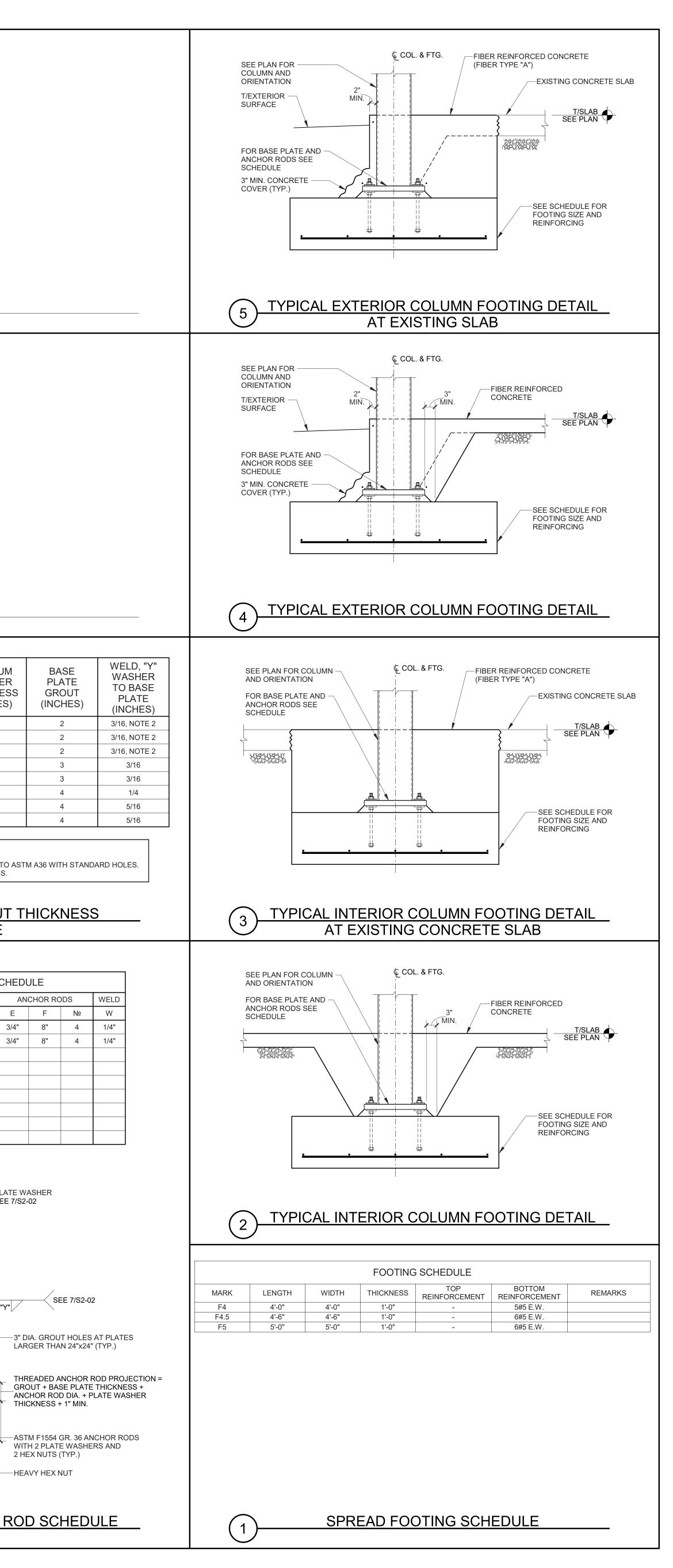


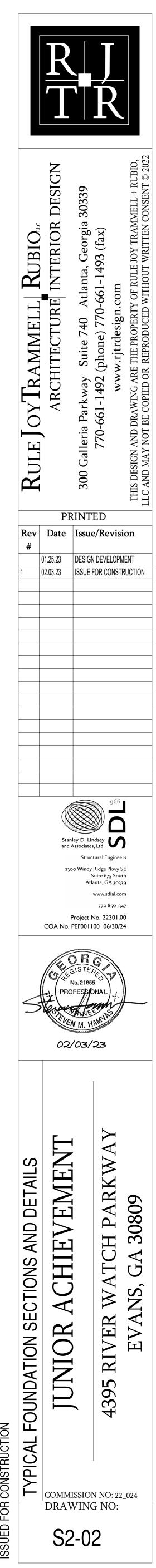
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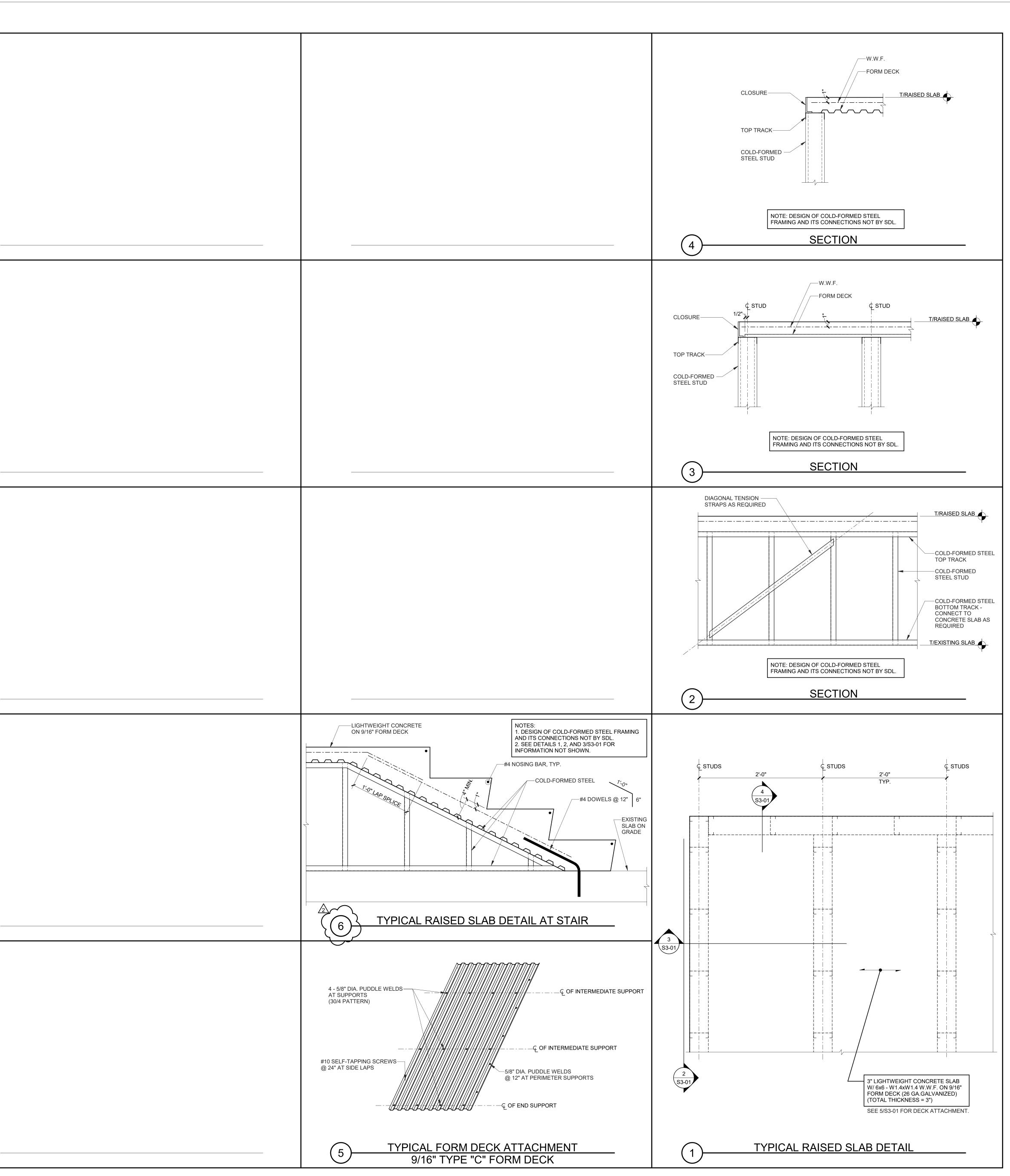


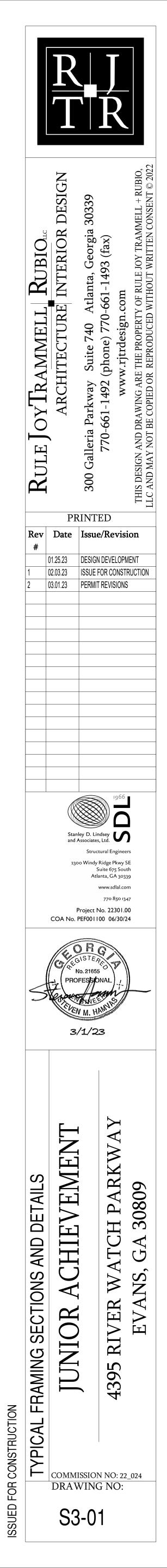
ANCHOR ROD	MAXIMUM HOLE	MINIM WASH WIDT	IER	MINI	HER
(INCHES) 3/4	DIAMETER (INCHES) 1 5/16	(INCHI NOTE	ES) E 1	THICK (INCI	HES)
7/8 1 1 1/4	1 9/16 1 7/8 2 1/8	2 1/2 3 3 1/2		5/ 3/ 1/	/8
1 1/2 1 3/4 2	2 3/8 2 7/8 3 1/4	4 4 1/2 5	2	1/ 5/ 3/	/8
2 1/2	3 3/4 <u>S</u> :	5 1/2	<u> </u>	7/	/8
1. PF 2. W	ROVIDE SQUAR ELDS ARE NOT	E PLATE WASH REQUIRED FC	IERS CON R GRAVI	NFORMIN TY COLUI	G TO A MNS.
7	PLATE	<u>WASHE</u>	<u>ER &</u> Sche	<u>GRO</u> EDUL	<u>UT</u> E
	DACI	E PLATE & A			80U
COLUMN SIZE	A	BASE PLA B C	ATE D1	D2	E
HSS10x6 HSS8x8	3/4" 3/4"	12" 18" 16" 16"	4" 6"	7" 6"	3/4
		"C"			
	1-				-PLATE SEE 7
	۳ ۳ –			"D1" - "D1"	
			-		► "Y"
GROUT - SEE 7/S2-02	"W"				
SEE 7/S2-02					
		Ц.			
	ASE PLA) ΔΝμ	СНО	2 P

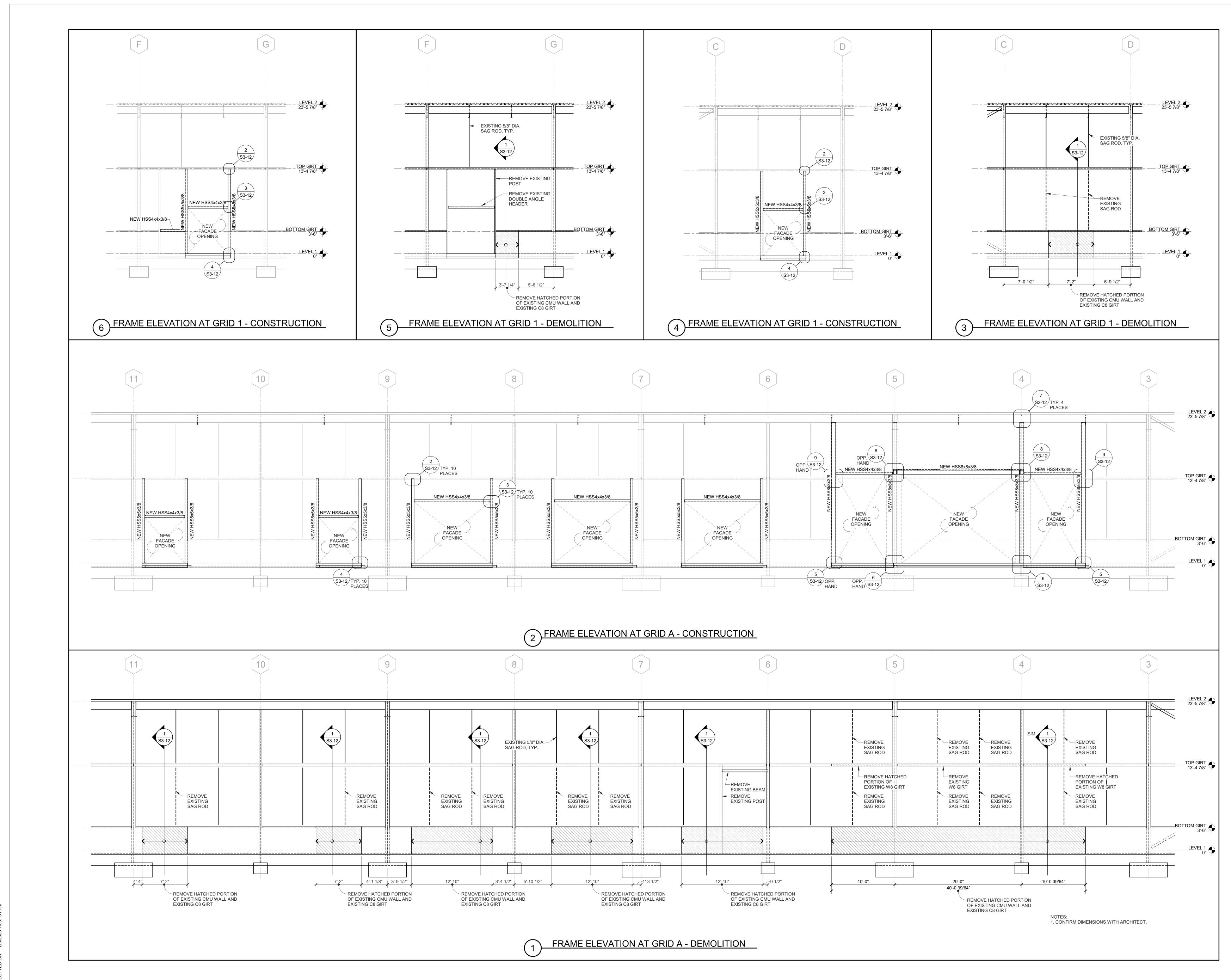


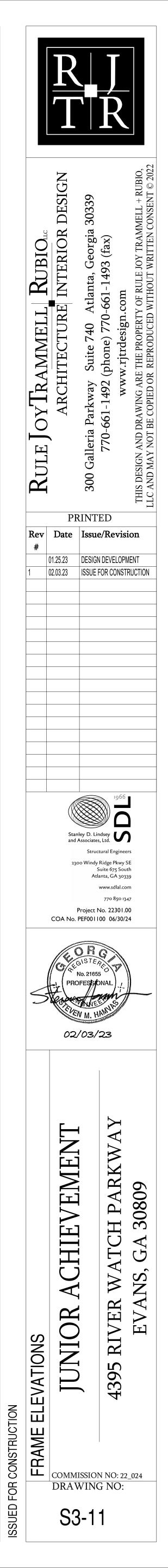


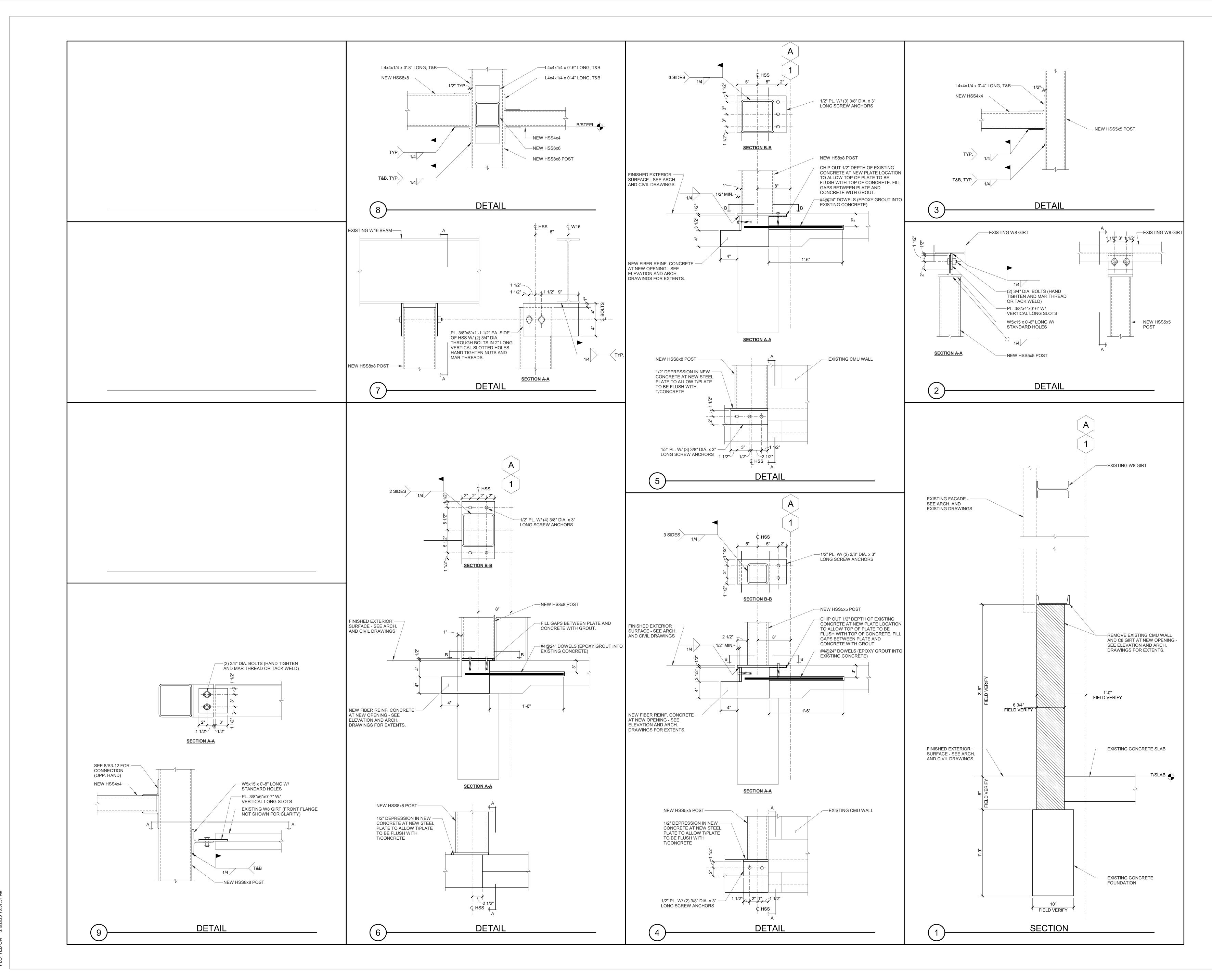
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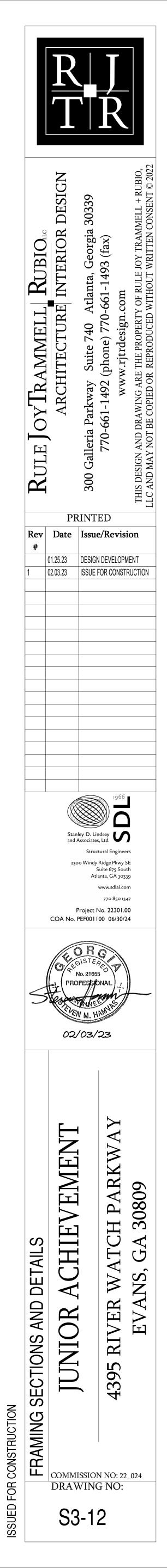


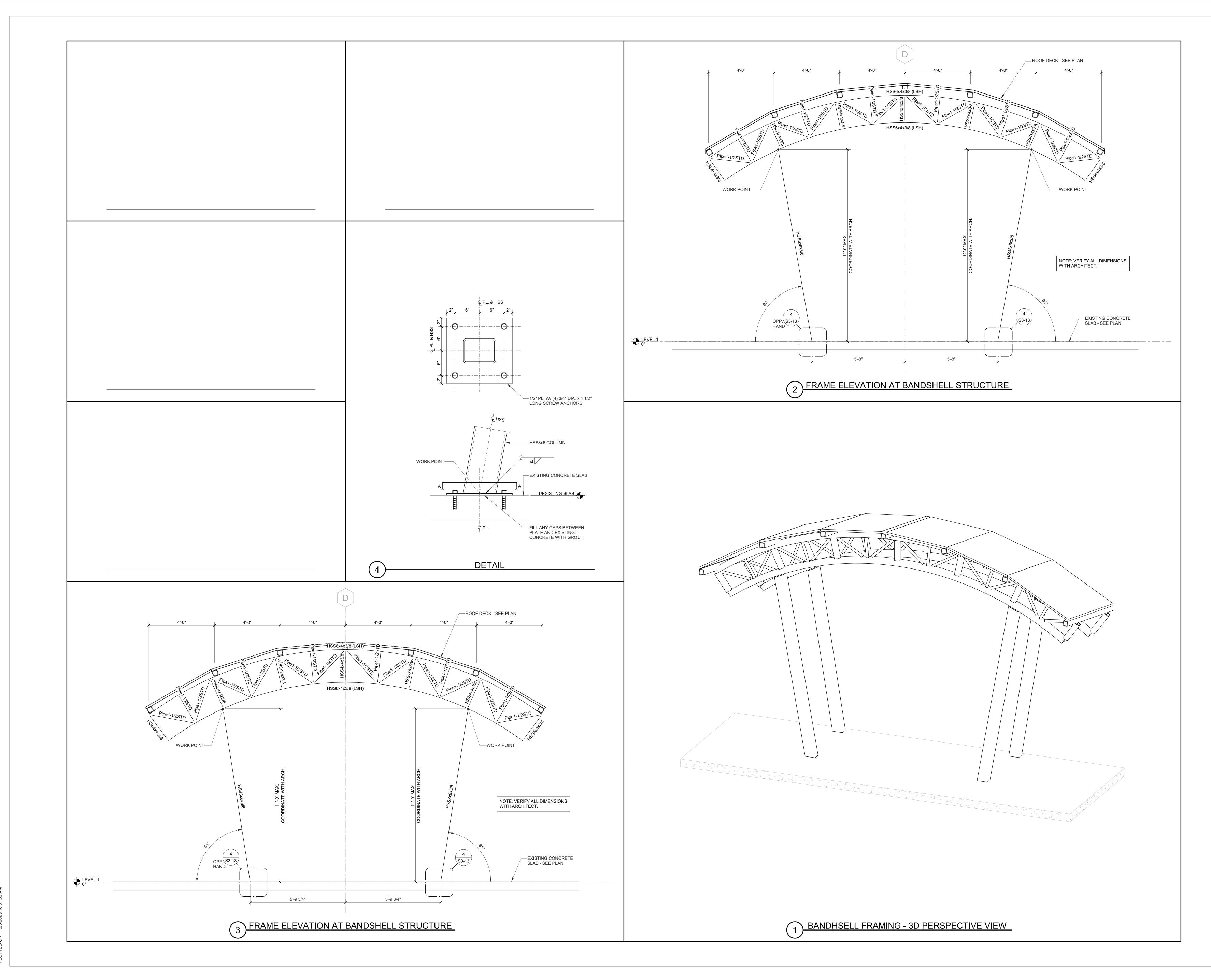


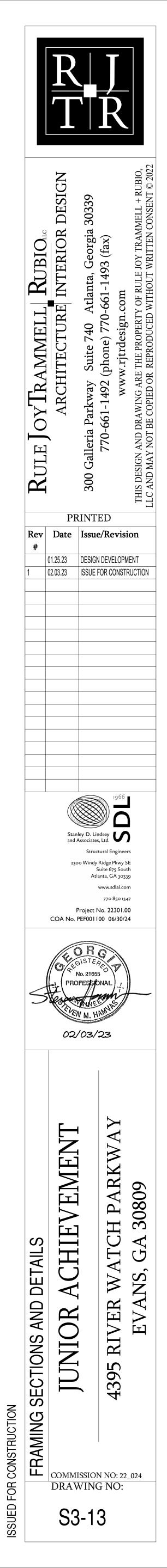












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