# COMPREHENSIVE MODERNIZATION OF W.C. ERVIN TOWERS, GA00100072 CONSTRUCTION DOCUMENTS

# 1365 LANEY WALKER BLVD AUGUSTA GEORGIA 30901

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#### **NOTES**

BUILDING SHALL REMAIN OCCUPIED CONTRACTOR IS ADVISED THAT THE AUGUSTA HOUSING AUTHORITY FINDS IT NECESSARY THAT CERTAIN FLOORS SHALL REMAIN OCCUPIED THROUGHOUT THE PROJECT RENOVATION PERIOD. THE NUMBER OF OCCUPIED FLOORS SHALL BE DETERMINED BY THE NUMBER OF ALTERNATES ACCEPTED. OWNER ACKNOWLEDGES SHUTDOWNS TO WATER, SANITARY WASTE AND ELECTRICAL POWER SHALL BE NECESSARY AND FREQUENT. CONTRACTOR SHAL PROVIDE THE BUILDING MANAGER WITH UPDATES TO THE SHUTDOWN SCHEDULE ON A DAILY BASIS. IN NO CIRCUMSTANCE SHALL ANY APARTMENT BE WITHOUT WATER, SANITARY WASTE OR ELECTRICITY FOR A PERIOD LASTING MORE THAN FOUR HOURS.

# Cheatham Fletcher Scott ARCHITECTS + DESIGNERS

**DATE OF ISSUE:** 

DATE: 1/10/2023

**ARCHITECT & INTERIOR DESIGNER** 

STRUCTURAL ENGINEER

**MECHANICAL & PLUMBING ENGINEER** 

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#### A.C.M. LEGEND

ALL FLOORING TILE AND MASTIC TO BE REMOVED AND DISPOSED OF AS ACM WASTE. THIS INCLUDES 12"X12", 9"X9" AND CERAMIC TILE. (APPROXIMATELY — 5,598 SF)

BLACK PIPE MASTIC TO BE REMOVED FROM WATERLINES WITHIN WALLS AND DISPOSED OF BY ASBESTOS ABATEMENT CONTRACTOR AS A.C.M. WASTE. FOR APPROXIMATE LOCATIONS AND QUANTITIES REFERENCE THE 1ST FLOOR PLUMBING AND WATER DEMO PLAN P101 AND P100

HARD PIPE ELBOWS AND JOINTS LONG WITH BLACK PIPE MASTIC ALONG CEILING IN SHOP AREA TO BE DISPOSED OF A.C.M. WASTE.

#### A.C.M. KEYED NOTES:

ALL DRYWALL/JOINT COMPOUND TO BE REMOVED AND DISPOSED OF BY ASBESTOS ABATEMENT CONTRACTOR AS A.C.M. WASTE. ALL EXTERIOR WALL WHICH CONSIST OF PLASTER ARE NOT TO BE DISTURBED.

== DENOTES DRYWALL / JOINT LOCATIONS

ABOVE DROPPED CEILING IN OFFICES AND HALLWAY, BLACK PIPE AND HVAC DUCT MASTIC TO BE REMOVED AND DISPOSED OF AS A.C.M. WASTE. FOR APPROXIMATE LOCATION AND QUANTITIES REFERENCE THE 1ST FLOOR HVAC DEMO PLAN M100

SINKS CONTAINING ACM GRAY UNDERCOATING TO BE REMOVED AND DISPOSED OF AS A.C.M. WASTE. (2 SINKS)

ACM TRANSOM PANELS UNDER WINDOWS LOCATED, NOT TO BE ABATED.

#### **GENERAL NOTES**

- ALL QUANTITIES AND DIMENSIONS (IF SHOWN) SHALL BE FIELD VERIFIED PRIOR TO BIDDING.
- 2. ALL PIPE, HVAC, ECT. ARE SHOWN APPROXIMATE, AND SHALL BE FIELD VERIFIED PRIOR TO BIDDING.
- WHEN REMOVAL OF FLOOR COVERINGS IS DESIGNATED, IT SHALL ALSO MEAN ALL COVE BASE AND ASSOCIATED MASTICS (ON FLOOR AND WALL) TO BE REMOVED.
- 4. ALL PARTITIONS, SHELVING, CABINETS, ECT. INSTALLED OVER ASBESTOS FLOOR TILE SHALL BE REMOVED IN ORDER TO EXPOSE ASBESTOS FLOOR TILE FOR ABATEMENT.
- 5. ABATEMENT OF FIRST FLOOR SHALL BE INCLUDED IN BASE BID.



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SEALS

PROJECT TITLE
W.C. ERVIN
TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

FIRST FLOOR ASBESTOS ABATEMENT PLAN

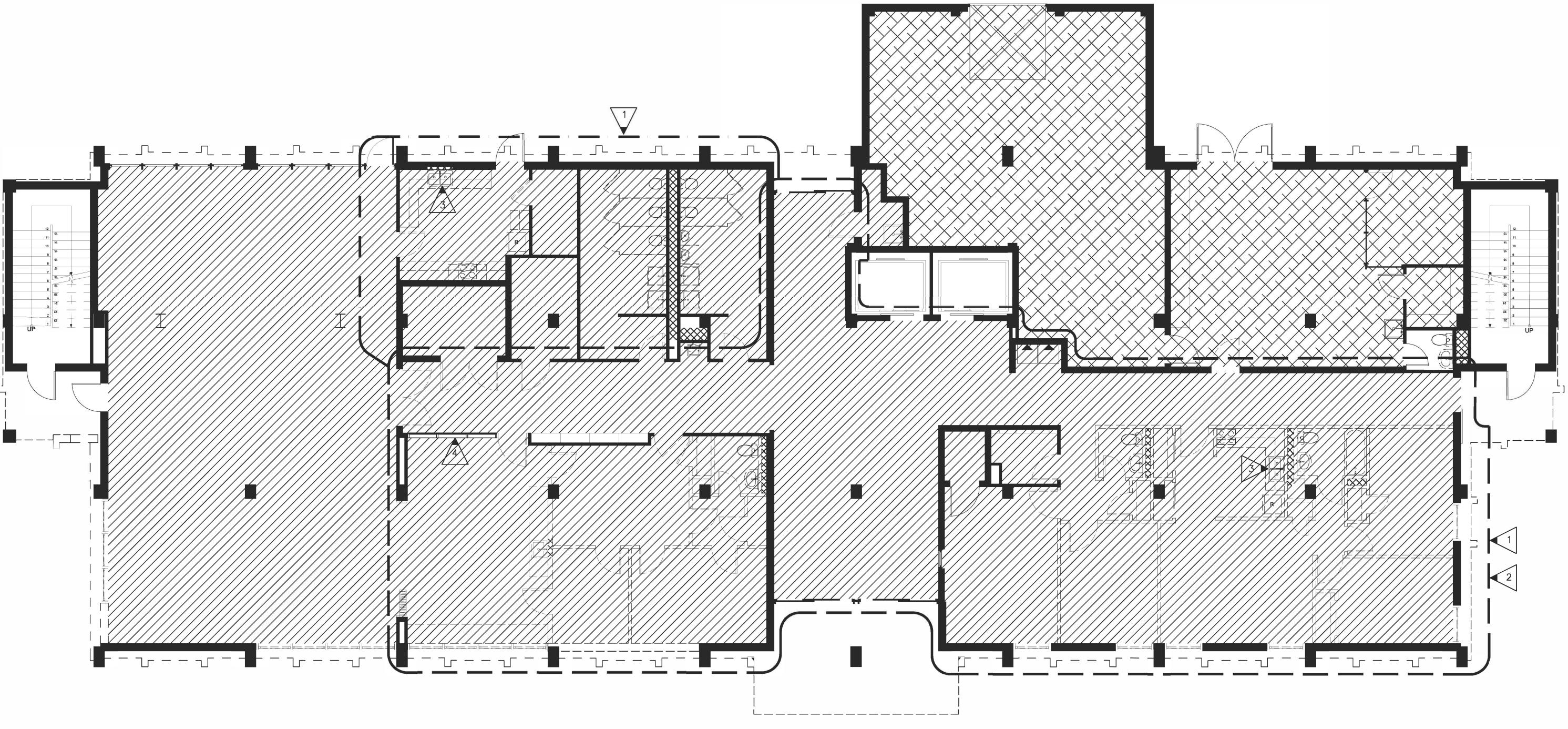
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12/08/2022 ISSUE

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PROJECT NO: 1543-105
FILE: 20221006 ERVIN TOWERS

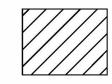
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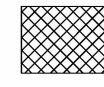


#### A.C.M. LEGEND



FLOOR TILE AND MASTIC TO BE REMOVED AND DISPOSED OF AS ACM WASTE. 12"X12" AND 9"X9" - 2 LAYERS MAY BE PRESENT IN SOME AREAS CONTAINING 12" X 12".

(APPROXIMATELY - 7,200 SF)



BLACK PIPE MASTIC TO BE REMOVED FROM PIPING WITHIN WALLS AND DISPOSED OF BY ASBESTOS ABATEMENT CONTRACTOR AS A.C.M. WASTE. REFERENCE PLUMBING AND WATER DEMO P102 AND P111.

#### A.C.M. KEYED NOTES:



ALL DRYWALL/JOINT COMPOUND TO BE REMOVED AND DISPOSED OF BY ASBESTOS ABATEMENT CONTRACTOR AS A.C.M. WASTE. ALL EXTERIOR WALL WHICH CONSIST OF PLASTER ARE NOT TO BE DISTURBED.

=== DENOTES DRYWALL / JOINT LOCATIONS



HARD PIPE JOINTS/ ELBOWS TO BE REMOVED AND DISPOSED OF BY ASBESTOS ABATEMENT CONTRACTOR AS A.C.M. WASTE.



ALL CEILING TEXTURE TO BE REMOVED AND DISPOSED OF AS ACM WASTE. (APPROXIMATELY - 7,200 SF)

#### **GENERAL NOTES**

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- 2. ALL PIPE, HVAC, ECT. ARE SHOWN APPROXIMATE, AND SHALL BE FIELD VERIFIED PRIOR TO BIDDING.
- 3. WHEN REMOVAL OF FLOOR COVERINGS IS DESIGNATED, IT SHALL ALSO MEAN ALL COVE BASE AND ASSOCIATED MASTICS (ON FLOOR AND WALL) TO BE REMOVED.
- 4. ALL PARTITIONS, SHELVING, CABINETS, ECT. INSTALLED OVER ASBESTOS FLOOR TILE SHALL BE REMOVED IN ORDER TO EXPOSE ASBESTOS FLOOR TILE FOR ABATEMENT.
- 5. NUMBER OF APARTMENT FLOORS TO BE ABATED SHALL BE DETERMINED BY THE NUMBER OF ALTERNATES ACCEPTED. SEE SPECIFICATION SECTION 021300.

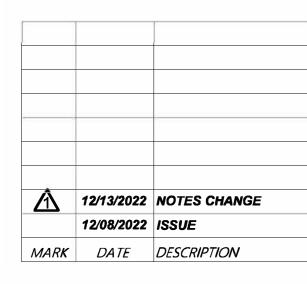
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# W.C. ERVIN TOWERS

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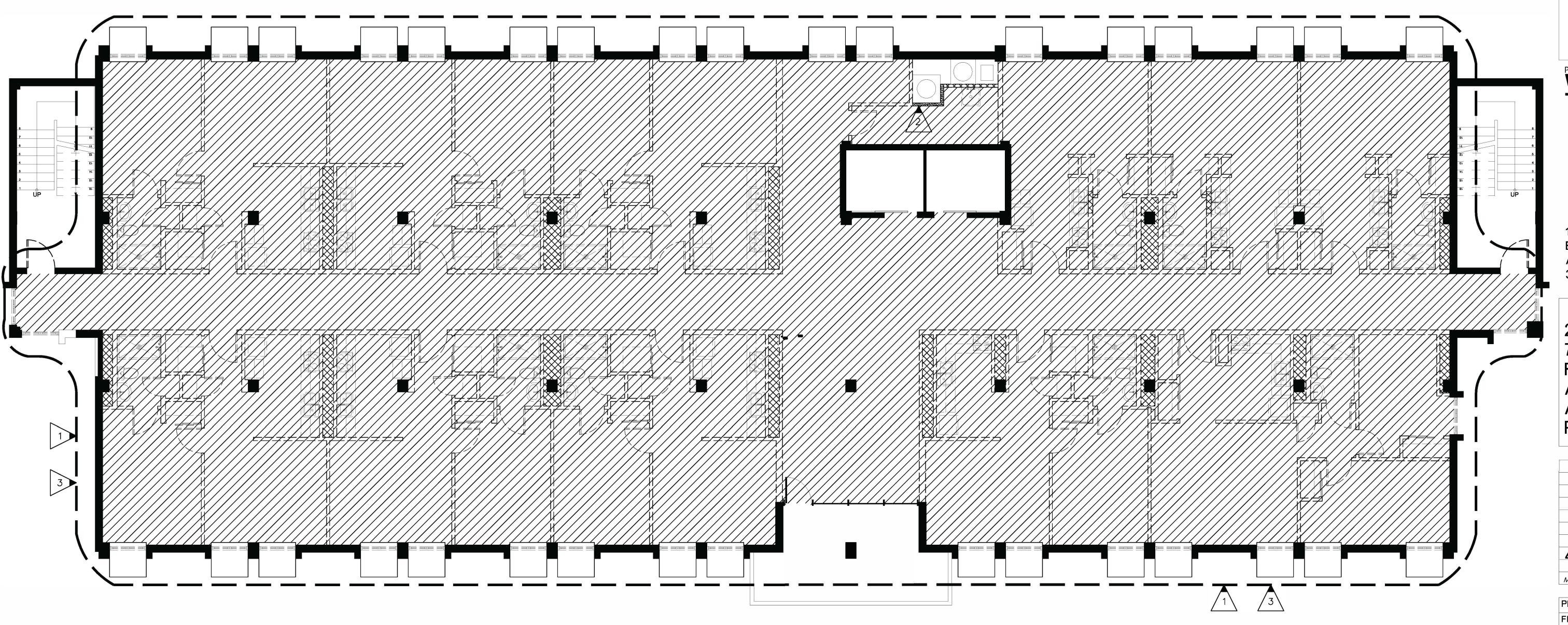
2ND/ 4TH/ 5TH/ 7TH/ 8TH & 10TH FLOOR ASBESTOS ABATEMENT PLAN



PROJECT NO: 1543-105
FILE: 20221006 ERVIN TOWERS

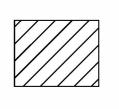
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**AB101** 



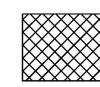
# Cheatham Fletcher Scott ARCHITECTS + DESIGNERS





FLOOR TILE AND MASTIC TO BE REMOVED AND DISPOSED OF AS ACM WASTE. 12"X12" AND 9"X9" - 2 LAYERS MAY BE PRESENT IN SOME AREAS CONTAINING 12" X 12".

(APPROXIMATELY - 7,221 SF)



BLACK PIPE MASTIC TO BE REMOVED FROM PIPING WITHIN WALLS AND DISPOSED OF BY ASBESTOS ABATEMENT CONTRACTOR AS A.C.M. WASTE. REFERENCE PLUMBING AND WATER DEMO P102 AND P111. A.C.M. KEYED NOTES:



ALL DRYWALL/JOINT COMPOUND TO BE REMOVED AND DISPOSED OF BY ASBESTOS ABATEMENT CONTRACTOR AS A.C.M. WASTE. ALL EXTERIOR WALL WHICH CONSIST OF PLASTER ARE NOT TO BE DISTURBED.

□□□□ DENOTES DRYWALL / JOINT LOCATIONS



HARD PIPE JOINTS/ ELBOWS TO BE REMOVED AND DISPOSED OF BY ASBESTOS ABATEMENT CONTRACTOR AS A.C.M. WASTE.

DENOTES HARD PIPE LOCATIONS

ALL CEILING TEXTURE TO BE REMOVED AND DISPOSED OF AS ACM WASTE. (APPROXIMATELY - 7,221 SF)

#### **GENERAL NOTES**

- ALL QUANTITIES AND DIMENSIONS (IF SHOWN) SHALL BE FIELD VERIFIED PRIOR TO BIDDING.
- 2. ALL PIPE, HVAC, ECT. ARE SHOWN APPROXIMATE, AND SHALL BE FIELD VERIFIED PRIOR TO BIDDING.
- 3. WHEN REMOVAL OF FLOOR COVERINGS IS DESIGNATED, IT SHALL ALSO MEAN ALL COVE BASE AND ASSOCIATED MASTICS (ON FLOOR AND WALL) TO BE
- 4. ALL PARTITIONS, SHELVING, CABINETS, ECT. INSTALLED OVER ASBESTOS FLOOR TILE SHALL BE REMOVED IN ORDER TO EXPOSE ASBESTOS FLOOR TILE FOR
- 5. NUMBER OF APARTMENT FLOORS TO BE ABATED SHALL BE DETERMINED BY THE NUMBER OF ALTERNATES ACCEPTED. SEE SPECIFICATION SECTION 021300.

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SEALS

W.C. ERVIN TOWERS

1365 LANEY WALKER AUGUSTA, GEORGIA 30901

3RD/ 6TH/ 9TH FLOOR **ASBESTOS ABATEMENT** PLAN

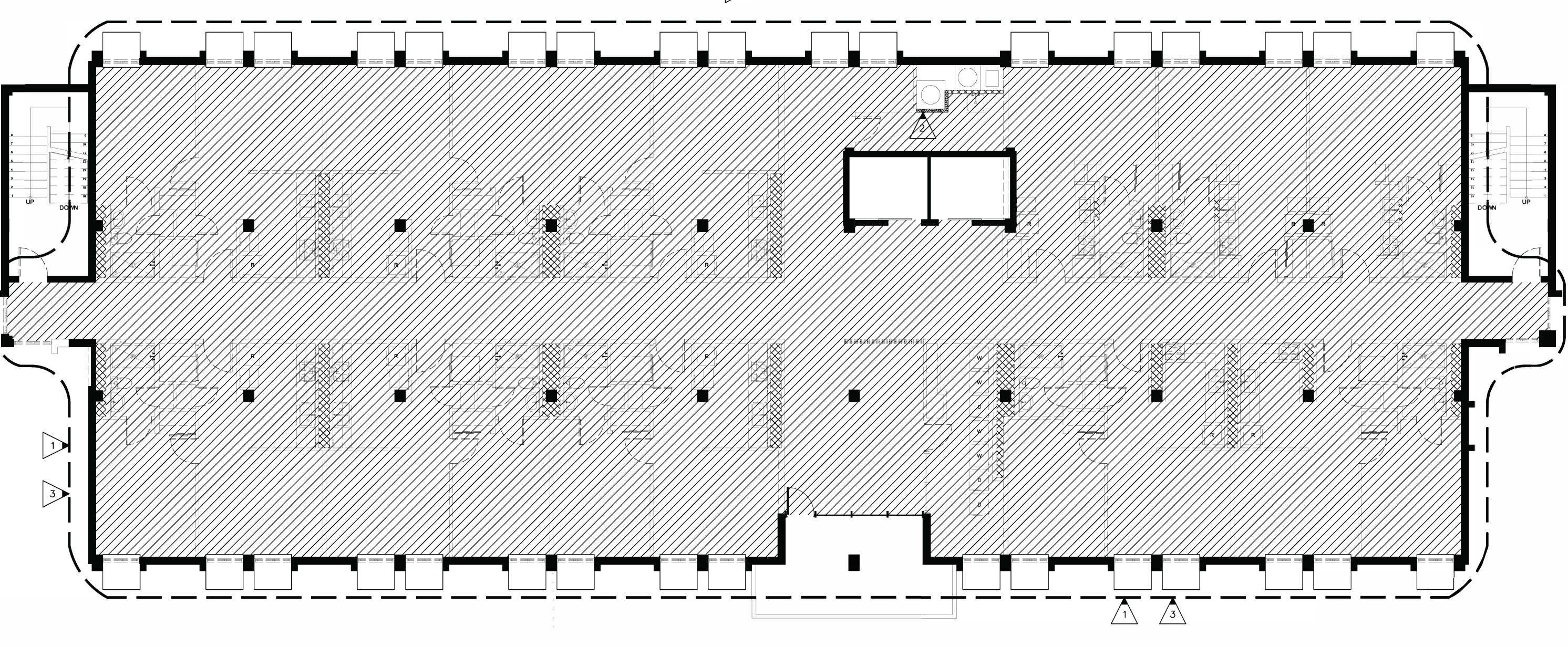
12/13/2022 NOTES CHANGE 12/08/2022 ISSUE MARK DATE DESCRIPTION

PROJECT NO: 1543-105

FILE: 20221006 ERVIN TOWERS

**DRAWN BY: LC** CHK'D BY:

**AB102** 



#### **GENERAL NOTES**

THE FOLLOWING NOTES SHALL SUPPLEMENT THE DRAWINGS AND CONTRACT DOCUMENTS. WHERE ARTICLES OR PARAGRAPHS IN SPECIFICATIONS AND/OR DRAWINGS ARE SUPPLEMENTED BY ONE OR MORE OF THE FOLLOWING NOTES, THE PROVISIONS OF SUCH ARTICLE. PARAGRAPH AND/OR DETAIL SHALL REMAIN IN EFFECT AND THE SUPPLEMENTAL NOTE SHALL BE CONSIDERED AS ADDED THERETO. IF THERE IS A CONFLICT OR AMBIGUITY CREATED BY A NOTE, THE MORE STRINGENT REQUIREMENT SHALL APPLY.

IS IMPORTANT THAT ALL PARTIES UNDERSTAND THAT CONSTRUCTION DOCUMENTS ARE NOT INTENDED TO BE A COMPLETE SET OF INSTRUCTION ON HOW TO CONSTRUCT A BUILDING. CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES AND SITE SAFETY PRECAUTIONS ARE ASSIGNED RESPONSIBILITIES OF THE CONTRACTOR.

#### GENERAL REQUIREMENTS

GENERAL CONTRACTORS, SUB-CONTRACTORS MANUFACTURERS, SUPPLIERS: CAREFULLY AND THOROUGHLY REVIEW THESE GENERAL NOTES. IT IS YOUR RESPONSIBILITY TO KNOW AND ADHERE TO THESE REQUIREMENTS. 2. THE DRAWINGS AND SPECIFICATIONS ARE SEPARATED INTO DISCIPLINES FOR THE CONVENIENCE OF THE ARCHITECT AND THE

ATTENTION ALL USERS OF THESE DRAWINGS.

ONTRACTOR. THE SEPARATIONS USED HEREIN ARE USED ONLY FOR THE PURPOSES OF CONVENIENCE AND REFERENCE. AND IN NO INTENT OF ANY PART OF THE DRAWINGS, OR OF THE DRAWINGS AND SPECIFICATIONS AS A WHOLE. THE FACT THAT THE DRAWINGS ARE SEPARATED IN NO WAY SUGGESTS THAT THE WORK IS NOT TO BE CONSTRUCTED AS A COMPLETE, INTEGRATED AND UNIFIED WHOLE.

CONSTRUCTION MEANS, METHODS ECHNIQUES, SEQUENCES, PROCEDURES AND COORDINATION OF ALL PORTIONS OF THE WORK. THE GENERAL CONTRACTOR SHALL DETERMINE HOW THE WORK WILL BE DIVIDED INTO SEPARATE TRADES, HOW THE WORK WILL BID AND PURCHASED AND HOW THE PURCHASED PRODUCTS AND SYSTEMS WILL BE COORDINATED AND INCORPORATED INTO THE

4. ALL SUB-CONTRACTORS SHALL SUBMIT SHOP

SOLELY RESPONSIBLE FOR AND HAVE CONTROL

DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR SUBMITTALS AS REQUIRED FOR ARCHITECTS APPROVAL PRIOR COMMENCING ANY WORK. THE CONTRACTOR WILL DETERMINE AND VERIFY MATERIALS, FIELD MEASUREMENTS AND FIELD CONSTRÚCTION CRITERIA RELATED THERETO AND WILL CHECK COORDINATE THE CONTAINED WITHIN SUBMITTALS WITH THE REQUIREMENTS OF THE WORK AND OF THE CONTRACT DOCUMENTS PRIOR TO APPROVING AND SUBMITTING SHOP DRAWINGS. PRODUCT DATA. SAMPLES AND SIMILAR SUBMITTALS TO THE ARCHITECT FOR REVIEW FOR CONFORMANCE.

5. THE DRAWINGS AND SPECIFICATIONS ARE PROVIDED TO DESCRIBE THE CONCEPT OF AN INSTALLATION AND SPECIFIES THE PRODUCTS OR SYSTEMS ADVERTISED OR KNOWN TO BE CONCEPTUALLY EQUAL IN QUALITY. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR DETERMINING AND DEFINING SPECIFICALLY HOW THE CONCEPTUALLY EQUAL BUT NOMINALLY DIFFERENT PRODUCTS OR SYSTEMS THAT HAVE BEEN CHOSEN FOR USE IN HE PROJECT WILL BE INCORPORATED INTO

6. THE ARCHITECT'S DRAWINGS WILL MOST LIKELY BE IN CONFLICT WITH THE SELECTED EQUIPMENT AND REQUIRED CLEARANCES TO THAT COORDINATION IS FXTFNT NECESSARY AND ADVISABLE. THE CONTRACTOR IS SPECIFICALLY DIRECTED TO PROVIDE SKETCHES FOR RESOLUTION OF SUCH PREDICTABLE CONFLICTS PRIOR TO ANY REQUEST FOR INFORMATION OR CLARIFICATION FROM THE ARCHITECT.

7. EVERY EFFORT HAS BEEN MADE TO MAKE CONCISE AND COORDINATED, TO DEFINE WORK IN THE MOST LOGICAL PLACE AND TO ELIMINATE REDUNDANCY. DO NOT PRESUME THAT YOUR SCOPE OF WORK IS SINGULARLY DEFINED. YOUR SCOPE OF WORK IS DEFINED THROUGHOUT THE ENTIRE SET OF DRAWINGS AND SPECIFICATIONS AND IS NOT CONTAINED IN JUST ONE SERIES OF DRAWINGS OR DIVISION OF SPECIFICATIONS, YOU MUST REVIEW THE ENTIRE SET OF CONTRACT DOCUMENTS TO DETERMINE YOUR SCOPE OF WORK.

THE DRAWINGS AND SPECIFICATIONS INCLUDING DRAWINGS PREPARED BY SPECIFIC ENGINEERING DISCIPLINES (SUCH AS CIVIL STRUCTURAL, MECHANICAL, ELECTRICAL, ETC. ARE COMPLEMENTARY; ITEMS SHOWN IN ANY ONE LOCATION IN THE DRAWINGS SHALL BE CONSIDERED TO BE REQUIREMENTS OF THE CONTRACT FOR CONSTRUCTION. IN THE EVENT OF AN INCONSISTENCY BETWEEN THE DRAWINGS AND SPECIFICATIONS, OR WITHIN EITHER DOCUMENT, THE CONTRACTOR SHALL SEEK CLARIFICATION OR INTERPRETATION FROM THE ARCHITECT PRIOR TO BIDDING. WHERE INCONSISTENCIES ARE NOT CLARIFIED PRIOR TO BIDDING, AND WHERE THE ACTUAL SOLUTION OR INTENT CANNOT BE REASONABLY INFERRED, THE CONTRACTOR SHALL PROVIDE

. MECHANICAL AND ELECTRICAL DRAWINGS SHOW INFORMATION IN A DIAGRAMMATIC FASHION WITHOUT DIMENSIONING. THE GENERAL CONTRACTOR IS TO COORDINATE THE LOCATIONS OF ALL M.E. EQUIPMENT WITH RESPECT TO THE ARCHITECTURAL AND STRUCTURAL DETAILING OF SHAFTS, CHASES,

THE BETTER QUALITY OR GREATER QUANTITY

10. THE CONTRACTOR AND ALL SUB-CONTRACTORS SHALL VISIT THE SITE AND BECOME FAMILIAR WITH SITE CONDITIONS AS THEY MAY AFFECT CARRYING OUT THE WORK AS DESCRIBED IN THESE CONTRACT CONTRACTOR SHALL DOCUMENTS. THE INVESTIGATE, VERIFY, AND BE RESPONSIBLE FOR ALL CONDITIONS OF THE PROJECT, AND NOTIFY THE ARCHITECT OF ANY CONDITIONS THAT REQUIRE MODIFICATION BEFORE

11. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING LL UTILITY LINES. LOCATIONS SHOWN ARE APPROXIMATE. REPAIR ALL DAMAGE TO LINES CAUSED BY CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.

PROCEEDING WITH THE WORK

CÓORDINATING THE ROUTING OF THEIR WORK WITH OTHER TRADES IS ESSENTIAL. EXPENSE FOR THE REMOVAL AND RELOCATION SHALL BE AT THE EXPENSE OF THE CONTRACTOR AND NOT OF THE OWNER.

CONTRACTORS ARE REMINDED THAT

13. ALL PERSONS DIRECTLY OR INDIRECTLY ASSOCIATED WITH THE PROJECT SHALL BE FAMILIAR WITH THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT, AND IMPLEMENT THOSE RULES AS THEY APPLY TO THIS PROJECT.

14. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, EQUIPMENT, LABOR, AND SERVICES NECESSARY TO COMPLETE THE WORK. 15. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH THE BUILDING CODE &

LOCAL AMENDMENTS. 16. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL TRADES AND THE PREVENTION OF CONFLICT BETWEEN ALL TRADES.

7. WHERE APPLICABLE, PRIOR TO BEGINNING ANY WORK, THE CONTRACTOR SHALL CONDUCT A WALK THROUGH INSPECTION WITH THE OWNER TO DETERMINE IN WRITING CONDITION OF THE WORK ALREADY IN PLACE THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING OR REPLACING EQUIPMENT PRESENTLY IN PLACE THAT IS DAMAGED DURING CONSTRUCTION

OF ORDERED MATERIALS OR ITEMS NECESSARY COMPLETE THE PROJECT WITH PROJECTED ELIVERY DATE GREATER THAN FOUR WEEKS

1. PROVIDE AND INSTALL ALL BLOCKING STIFFENERS, BRACING, BACK-UP PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK AND OF ALL FLOOR MOUNTED OR SUSPENDED MECHANICAL AND ELECTRICAL EQUIPMENT.

COORDINATE METAL STUD GAUGE WITH PRE-APPROVED EQUIPMENT ANCHORAGE. WHERE A DISCREPANCY OCCURS, THE MORE STRINGENT REQUIREMENT SHALL GOVERN. PROVIDE SOLID BLOCKING WITHIN PARTITIONS AT ALL LOCATIONS WHERE ITEMS

WILL BE MOUNTED ON PARTITIONS INCLUDING. BUT NOT LIMITED TO: ACCESSORIES CASEWORK TRIM. FLASHING. WALL MOUNTED EQUIPMENT, TACK/BULLETIN/MARKER BOARDS, THERE SHALL BE NO BACK-TO-BACK

EXCEPT WHERE SPECIFICALLY SHOWN. PROVIDE ACOUSTIC (SOUND) SEALANT AT NON-RATED WALLS AND FIRE-RATED SEALANT T SMOKE PARTITION AND AS REQUIRED BY PROVIDE SLIP JOINT CONNECTIONS AT

ELECTRICAL TELEPHONE, OR OTHER OUTLETS,

PARTITIONS THAT EXTEND TO STRUCTURE ABOVE. PROVIDE BRACING ABOVE AS REQUIRED. REFERT TO STRUCTURAL REQUIRED. STRUCTURAL DRAWINGS AND TO SLIP JOINT DETAILS. ASSUME LEVEL 4 FINISH FOR ALL GYPSUM

BOARD PARTITIONS, UNLESS NOTED OTHERWISE . IT IS THE INTENT OF THE DESIGN THAT AI METAL STUD PARTITIONS BE OF SUFFICIENT TO ADEQUATELY ENCLOSE PIPING CONDUITS, AND RECESSED EQUIPMENT NOTIFY THE ARCHITECT OF AN

DISCREPANCIES WITH THIS INTENT. PROVIDE 24" X 24" ACCESS PANELS IN PARTITIONS WHERE REQUIRED FOR MECHANICAL EQUIPMENT EXCEPT WHERE

SIZES ARE OTHERWISE NOTED.

CONSTRUCTION NOTES CONSTRUCTION, PROVIDE SURFACE SITE DEWATERING BY TEMPORARY DITCHING SUMPING OR OTHER APPROVED METHODS TO STOP SURFACE WATER FROM RUNNING INTO FOOTING TRENCHES AND OTHER EXCAVATIONS. TEMPORARY MEASURES SHALL BE MAINTAINED UNTIL PERMANENT DRAINAGE SYSTEMS DITCHES, SWALES, CULVERTS, CATCH BASINS,

> REQUIREMENTS OF DOCUMENTS WITHOUT ADDED EXPENSE TO THE . IF APPLICABLE PER BUILDING CODE, ALL WOOD BLOCKING SHALL BE FIRE-RETARDANT

TC.) ARF INSTALLED. ALL WORK DAMAGED BY

RAIN SHALL BE CORRECTED TO THE ORIGINAL

ALL WOOD MEMBER IN CONTACT WITH CONCRETE, MASONRY, OR IN WET LOCATIONS, INCLUDING FRAMING, BLOCKING, PLYWOOD OR SEAL AROUND ALL PENETRATIONS THROUGH EXISTING AND PROPOSED FIRE RATED PARTITIONS. PROVIDE UL APPROVED FIRE STOP

SYSTEM TO MEET REQUIRED RATING. 5. MAINTAIN RATING AT ALL BLOCKOUTS FOR ALL EXTINGUISHERS AND ACCESSORIES THAT ARE TO BE INSTALLED IN RATED WALLS.

PROVIDE GYPSUM BOARD CONTROL JOINTS IN PARTITIONS AND CEILINGS AT 30'-0" MAX. SPACING. COORDINATE TO MEET FIRE RESISTIVE RATINGS OF THE ASSEMBLY, FIRESTOP JOINTS AT RATED PARTITIONS. SUB-CONTRACTOR MUST PROVIDE A SUBMITTAL FOR

. CAULK ALL JOINTS OR CRACKS WHICH OCCUR MATERIALS OR PRODUCTS THAT ARE WHERE DISSIMILAR MATERIALS INTERSECT PERPENDICULAR TO EACH OTHER AND WHERE THE INTERSECTION IS EXPOSED TO VIEW, UNLESS INDICATED OTHERWISE ON THE

SOFFITS, SHAFTS, CHASES AND CEILING AREAS PER RÉQUIREMENTS OF THE APPLICABLE 9. PROVIDE CONTINUOUS PERIMETER BUILDING 18. CONTRACTOR SHALL SUBMIT CONFIRMATION INSULATION AT ALL EXTERIOR WALLS FROM SLAB TO ROOF DECK

FIREBLOCK ALL CONCEALED SPACES

THE ARCHITECTURAL AND STRUCTURAL

DRAWINGS BOTH DESCRIBE VARIOUS FLOOR SLAB SLOPE REQUIREMENTS, RECESSES, AND CONDITIONS. USE BOTH SETS DRAWINGS WHEN INSTALLING THE FLOOR SLAB. . GROUT CMU CENTER SCORE JOINT SIMILAR TO OTHER ADJACENT JOINTS. 2. WHERE APPLICABLE, CMU JOINTS SHALL BE

CONTRACTOR SHALL PREPARE MASONRY WALLS TO MEET AL REQUIREMENTS OF THE FINISH INSTALLER AND MANUFACTURER TO ENSURE THAT ALL MATERIAL AND INSTALLATION WARRANTIES WILL BE IN EFFECT.

SHALLOW CONCAVE JOINTS IN ALL TOILET

REINFORCING MAY NOT BE SHOWN IN SOME DETAILS FOR CLARITY. IT SHALL BE INSTALLED IN ALL CMU JOINTS WHETHER SHOWN OR NOT 15. ALL FLASHING IS TO BE OVERLAPPED AT JOINTS 4" MINIMUM AND SEALED WATERTIGHT. CONTRACTOR SHALL ARRANGE FOR

ARCHITECT TO BE PRESENT TO OBSERVE ALL

FLASHING INSTALLATION PRIOR TO BEING COVERED BY NEW CONSTRUCTION. 17. ALL VERTICAL AND HORIZONTAL PIPES, CONDITIES DUCTS F AREAS THROUGHOUT THE BUILDING SHALL BE FURRED IN TO MATCH THE ROOM FINISH, UNLESS OTHERWISE NOTED.

18. WHERE MECHANICAL WORK PENETRATES ANY COMPONENT OF A FIRE-RATED ASSEMBLY, PROVIDE THE APPROPRIATE FIRE AND/OR SMOKE DAMPERS. IF IT IS NOT CLEAR WHETHER DUCTWORK PENETRATES A PORTION OF THE RATED ASSEMBLY, OBTAIN CLARIFICATION FROM THE ARCHITECT PRIOR TO BIDDING. SEAL AROUND ALL PENETRATIONS THROUGH AROUND ALL PENETRATIONS THROUGH PROPOSED FIRE RATED PARTITIONS. PROVIDE APPROVED FIRESTOP SYSTEM TO MEET

19. IF APPLICABLE PER BUILDING CODE, THE

FIRE SPRINKLER SYSTEM WILL BE DESIGNED BY
THE INSTALLING SUB-CONTRACTOR THE INSTALLING SUB-CONTRACTOR. THE GENERAL CONTRACTOR SHALL COORDINATE LAYOUT, CLEARANCES, AND LOCATION OF HEAD HEIGHTS WITH THE STRUCTURE, MECHANICAL DUCTWORK, ELECTRICAL LIGHTING, DRAINAGE PIPING, AND THE ARCHITECTURAL REFLECTED CEILING PLANS. THE SPRINKLER DESIGN MUST E COORDINATED WITH THE PROVISIONS OF ALI ENGINEERING AND ARCHITECTURAL DOCUMENTS AND SHOULD NOT RELY SOLEY ON ONE SERIES OF DRAWINGS OR ONE DISCIPLINE. CONTRACTOR SHALL ADJUST OR ADD FIRE SPRINKLER HEADS TO ACCOMODATE PARTITION LAYOUT. HEAD SPACING AND PLACEMENT SHALL CODE REQUIREMENTS. SUB-CONTRACTOR SHALL COORDINATE ANY SPRINKLER HEAD LAYOUT CONFLICTS WITH THE

INSTALLATION USE HORIZONTAL STRAPPING AS PER MANUFACTURER'S RECOMMENDATION WHERE DENSGLASS OR GYP BOARD IS USED AS EXTERIOR SHEATHING.

BUILDING SHALL REMAIN OCCUPIED

CONTRACTOR IS ADVISED THAT THE AUGUSTA HOUSING AUTHORITY FINDS IT NECESSARY THAT CERTAIN FLOORS SHALL REMAIN OCCUPIED THROUGHOUT THE PROJECT RENOVATION PERIOD. THE NUMBER OF OCCUPIED FLOORS SHALL BE DETERMINED BY THE NUMBER OF ALTERNATES ACCEPTED. OWNER ACKNOWLEDGES SHUTDOWNS TO WATER, SANITARY WASTE AND ELECTRICAL POWER SHALL BE NECESSARY AND FREQUENT. CONTRACTOR SHALL PROVIDE THE BUILDING MANAGER WITH UPDATES TO THE SHUTDOWN SCHEDULE ON A DAILY BASIS. IN NO CIRCUMSTANCE SHALL ANY APARTMENT BE WITHOUT WATER, SANITARY WASTE OR ELECTRICITY FOR A PERIOD LASTING MORE THAN FOUR HOURS.

#### DRAWINGS AND DIMENSIONS

1. **DO NOT SCALE THE DRAWINGS**. THE GENERAL CONTRACTOR, SUBCONTRACTORS AND ALL EMPLOYEES ON THIS PROJECT SHALI NOT SCALE THE DRAWINGS TO DETERMINE DISTANCES NOT DIMENSIONED ON THE DRAWINGS. IF FURTHER DIMENSIONING REQUIRED IT SHALL BE REQUESTED IN WRITING BY THE GENERAL CONTRACTOR AND ANSWERED IN WRITING BY THE ARCHITECT.

THE ARCHITECT'S DIMENSIONS MUST BE THOROUGHLY EXAMINED AND VERIFIED BY THE CONTRACTOR PREPARING THE PLAN FOR ROCURING AND PLACING THE WORK BECAUSE OF THE VARIABLE IN AVAILABLE PRODUCTS AND CONSTRUCTION TECHNIQUES. COLUMN GRIDS AND BUILDING LIMITS MAY BE USED LITERALLY AS LONG AS THEY HAVE BEEN VERIFIED BY THE CONTRACTOR'S SURVEYOR.

ALL DIMENSIONS ON PLANS ARE TO FACE OF BLOCK OR TO FACE OF STUD UNLESS NOTED

PREPARED

DIMENSIONS AND PRODUCT CONFIGURATIONS OR DETAILS OF SPECIFIC MANUFACTURERS TYPICALLY THE FIRST MANUFACTURER LISTER INDER "ACCEPTABLE MANUFACTURERS" IN THE SPECIFICATIONS). DIMENSIONS AND DETAILS OR SPECIFIC PRODUCTS MAY CHANGE BEFORE THEY ARE ACTUALLY INCORPORATED INTO THE WORK, AND PRODUCTS BY OTHER MANUFACTURERS MAY ALSO BE ACCEPTABLE. HEREFORE, ACTUAL INSTALLATION DETAILS AND DIMENSIONS MAY DIFFER FROM THOSE SHOWN. CONTRACTOR SHALL VERIFY INSTALLATION REQUIREMENTS FOR ALL PRODUCTS TO BE INCORPORATED IN THE WORK

(INCLUDING PARTITION THICKNESSES FOR

RECESSED OR SEMI-RECESSED PRODUCTS).

AND IS RESPONSIBLE FOR ACCOMMODATING COORDINATING CHANGES TO OTHER

NECESSARY BECAUSE OF THESE DIFFERENCES. 5. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE ARCHITECT IMMEDIATELY SHOULD ANY DISCREPANCIES BE FOUND IN THE DRAWINGS AND SPECIFICATIONS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL FIELD CONDITIONS AND DIMENSIONS AS THEY RELATE TO THIS PROJECT. SHOULD DISCREPANCIES EXIST BETWEEN THE WORK INDICATED AND ACTUAL FIELD CONDITIONS NOTIFY THE ARCHITECT

7. ACTUAL CONTRACT LIMITS ARE TO BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE OWNER BEFORE ACTUAL CONSTRUCTION WORK BEGINS. ANY INDICATION OF PROJECT LIMITS OR LINES OF DEMARCATION ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR, AND ARE NOT TO BE TAKEN

PRIOR TO PROCEEDING WITH THE WORK.

8. SEE GENERAL NOTES ON ALL 'A' SERIES DRAWINGS FOR INFORMATION RELATED TO PLANS AND DETAILS ON THOSE SHEETS. 9. THE TERM "ALIGN" REFERS TO LOCATING DIFFERENT COMPONENTS OF CONSTRUCTION

TO PROVIDE A FLUSH FINISH SURFACE.

). THE CONTRACTORS SHALL VEIFY ALL DIMENSIONS, GRADES, PITCH AND OTHER CONDITIONS BY TAKING MEASUREMENTS PRIOR ORDERING MATERIALS OR DOING WORK ISCREPANCIES SHALL BE REFERRED TO THE ARCHITECT FOR ADDITIONAL INSTRUCTIONS. HE CONTRACTOR SHALL BE RESPONSIBLE FOR THESE MEASUREMENTS. NO CONSIDERATION WILL BE GIVEN TO ANY CLAIM BASED ON DIFFERENCES BETWEEN THE DRAWINGS OR

SITUATION WHICH MUST BE CONFIRMED PRIOR TO PROCEEDING WITH THE WORK, FABRICATION OF EQUIPMENT, OR ORDERING MATERIAL

SPECIFICATIONS AND ACTUAL MEASUREMENTS.

. WHERE A DETAIL OR SECTION IS SHOWN FOR ONE CONDITION, IT SHALL APPLY TO ALL LIKE OR SIMILAR CONDITIONS OR LOCATIONS. A DETAIL FOR EVERY CONDITION IS NOT

PROVIDED, THERE ARE ADEQUATE DETAILS FOR SIMILAR AND LIKE CONDITIONS THAT ARE TYPICAL IN NATURE AND SHALL BE USED AS GUIDES FOR DETERMINING HOW SPECIFIC CONDITION SHOULD BE CONSTRUCTED WHAT WILL PRODUCE RESULTS ACCEPTABLE TO THE

THE USE OF MATERIAL AND REFERENCE SYMBOLS FOR MATERIAL IDENTIFICATION AND FOR KEYING LOCATIONS WHERE SECTIONS AND DETAILS ARE DRAWN ARE PROVIDED AS A MATTER OF CONVENIENCE. THE LACK OF USE OF A MATERIAL SYMBOL OR REFERENCE SYMBOL FOR ANY LOCATION SHALL NOT DELETE HE REQUIREMENT FOR CONSTRUCTION OF THAT CONDITION TO BE IN ACCORDANCE WITH THE DETAILS OR SECTIONS THAT APPLY TO OR ARE LIKE OR SIMILAR TO THAT CONDITION.

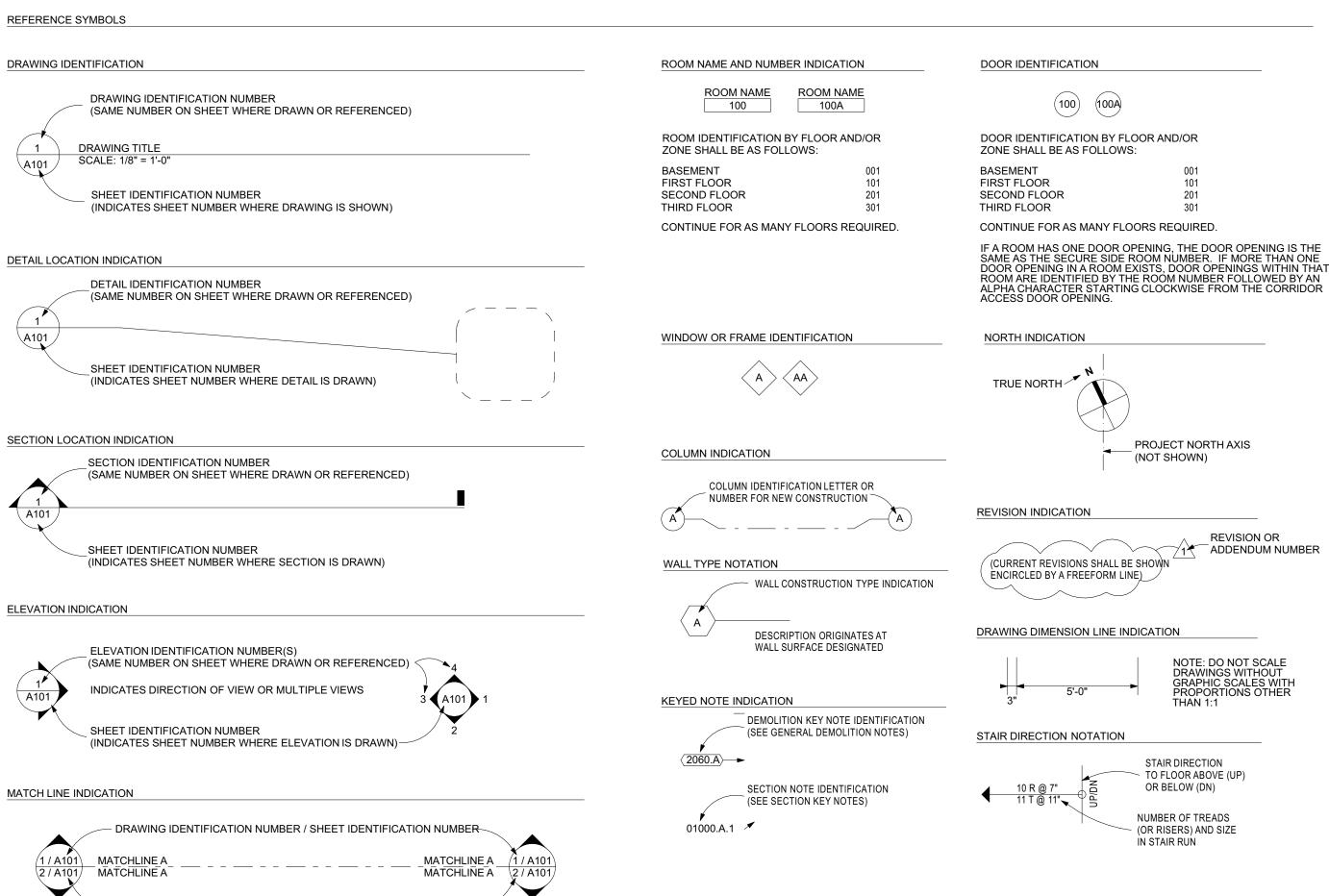
CEILING PLAN FOR EXACT LOCATIONS OF ALL CEILING FIXTURES. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR COMPLETE CONSTRUCTION REQUIREMENTS.

ELECTRICAL DRAWINGS SHOW EXPOSED DUCTWORK IS TO BE INSTALLED AT A ELEVATION IN A CONTROLLED PATTERN. THE CONTRACTOR MUST RELY ON ALL 20. IF APPLICABLE, AT RAINSCREEN PANEL OF THESE DISCIPLINES TO COMPLETE THE WORK AND SHOULD NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.

> THE GENERAL CONTRACTOR SHALI COORDINATE THE WORK OF ALL TRADES INSTALLING THEIR RESPECTIVE EQUIPMENT IN CEILING PLENUMS. MECHANICAL ELECTRICAL, STRUCTURAL, AND SPRINKLER SYSTEMS ALL SHARE THIS SAME SPACE. EACH SUB CONTRACTOR IS TO REVIEW THE REQUIREMENTS OF THEIR WORK WITH THE AWARENESS OF THE OTHER TRADES THAT NEED TO SHARE THESE SPACES AND MUST NOT ASSUME THAT THEIR INSTALLATION HAS BEEN CONSIDERED IN THE DESIGN AND SHOP

DRAWINGS OF THE OTHER TRADES. 18. ALL DOORS TO BE LOCATED 4" OFF ADJACENT CMU OR METAL STUD WALL UNLESS

DIMENSIONED OTHERWISE ON THE PLAN.



TOWEL

DISPENSOR

AND WASTE

AND WALL BRACKET

WATER CLOSET

RECEPTACLE

WASTE

RECEPTACLE

- DRAWING IDENTIFICATION NUMBER / SHEET IDENTIFICATION NUMBER

**EXISTING DOOR SWING** 

SWING INDICATION INDICATION (TO BE REMOVED)

NOTES: 1. MOUNTING HEIGHTS SHOWN ARE PROPOSED FOR ALL ACCESSORIES AND FIXTURES REQUIRED.

UNLESS OTHERWISE NOTED OR DIMENSIONED ON DRAWINGS FOR SPECIFIC CONDITIONS.

3. OPERABLE CONTROLS SHALL FALL WITHIN FORWARD REACH RANGES REQUIRED BY CODE REGULATIONS

SANITARY

NAPKIN

RECEPTICLE

THERMOSTAT ELECTRIC DUPLEX,

PHONE, OR TV

**OUTLET WITH** 

LIGHT SWITCH

MOP STRIP

AND SHELF

SANITARY

NAPKIN

DISPENSER

SEAT

COVER

DISPENSER

OR PLAQUE

3'-0" ▶

7"-9" (TYP)

WATER CLOSET

TOWEL

DISPENSER

SIGNAGE FIRE EXTINGUISHER FIRE EXTINGUISHER

SANITARY

DISPENSER

NAPKIN

CABINET

LINE OF WALL

FXISTING DOOR

2. REFER TO LIFE SAFETY PLANS FOR CODE REQUIREMENTS

FIRE ALARM

PULL BOX (ABOVE)

**DUPLEX OUTLET** 

(B.F. / TYP HEIGHT)

TISSUF

DISPENSER

4. B.F. REFERS TO A BARRIER FREE MOUNTING 5. F.A. REFERS TO A FRONT APPROACH MOUNTING

SOAP

DISPENSER

SWITCH

 $\Box$ 

PAPFR

HOLDER

SHOWER HEAD TOILET

AND VALVES

DOOR SWING INDICATION

NEW DOOR SWING

INDICATION

TYPICAL MOUNTING HEIGHTS

<u>15" A.F.F. MIN</u>



PROJECT TITLE

**COMPREHENSIVE MODERNIZATION** OF W.C. ERVIN

1365 LANEY WALKER BLVD **AUGUSTA. GEORGIA 30901** 

**GENERAL** NOTES & **INFORMATION** 

-SEE NOTES OR SPECS-

MIRROR AND

VANITY COUNTER

STATION

FULL LENGTH MIRROR

LINE OF WALL

ELECT. OUTLET

(SEE BELOW)

NOTE: ANY ELEC. OUTLE

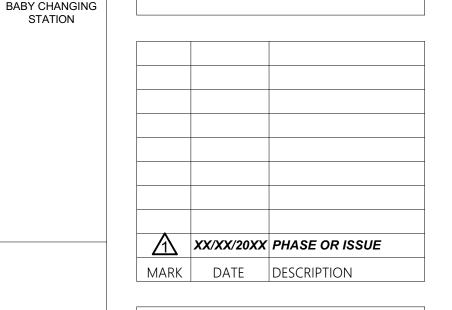
ROOMS TO BE MOUNTED

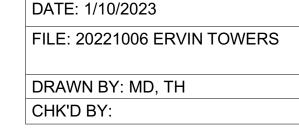
33" TO 36" AFF

NEAR SINKS IN B.F. TOILET

AND SINK

MIRROR

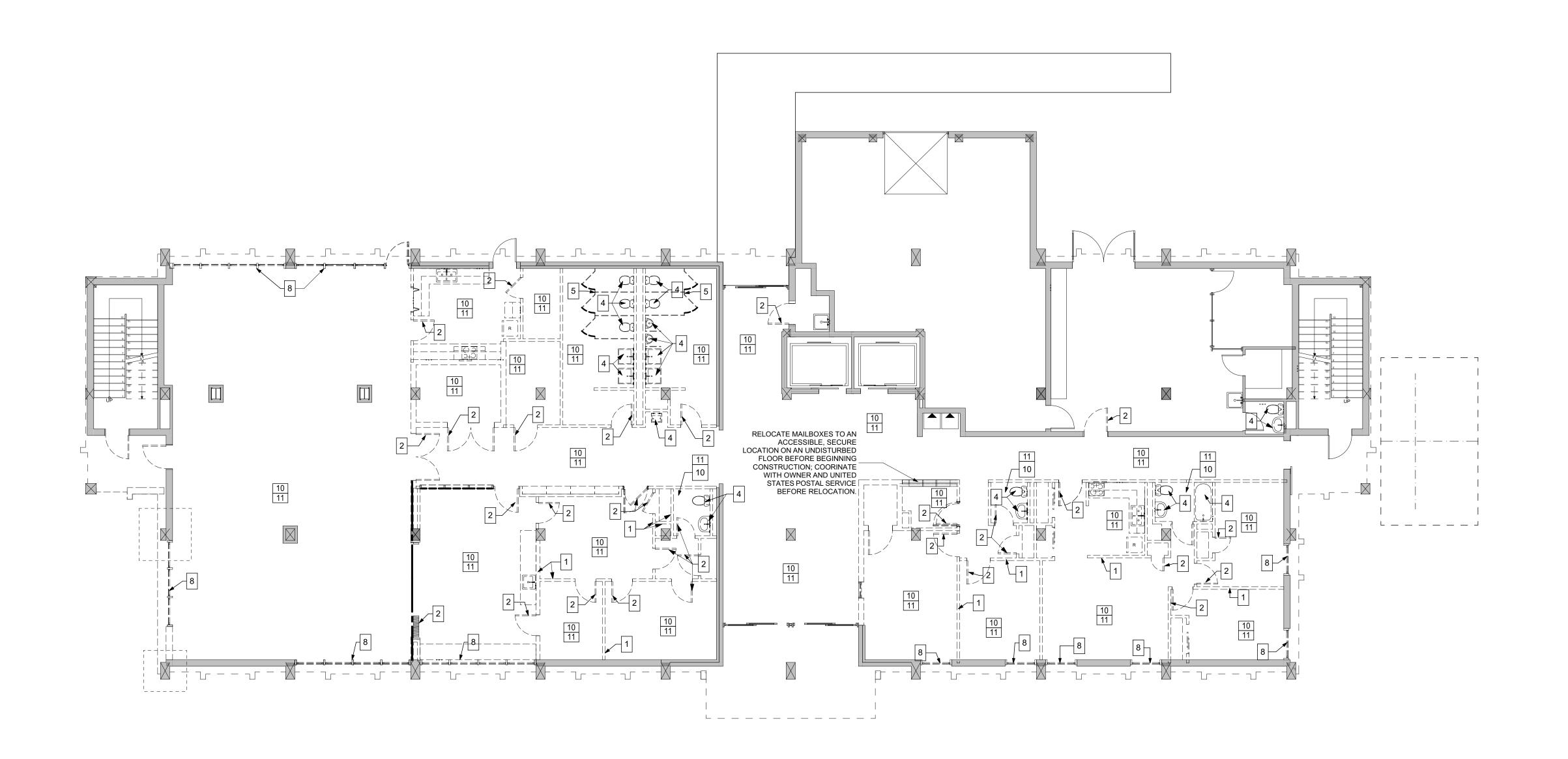




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CFS

Cheatham Fletcher Scott

420 Eighth St, Augusta, Georgia 30901 P: 706-724-2668 W: cfsarchitects.com

SEALS

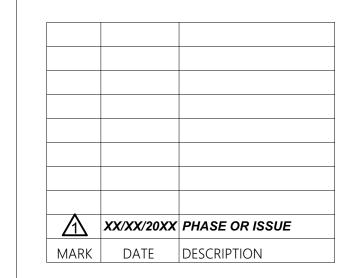


PROJECT TITLE

COMPREHENSIVE MODERNIZATION OF W.C. ERVIN TOWERS, GA001000072

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

FIRST FLOOR DEMOLITION PLAN



DATE: 1/10/2023

FILE: 20221006 ERVIN TOWERS

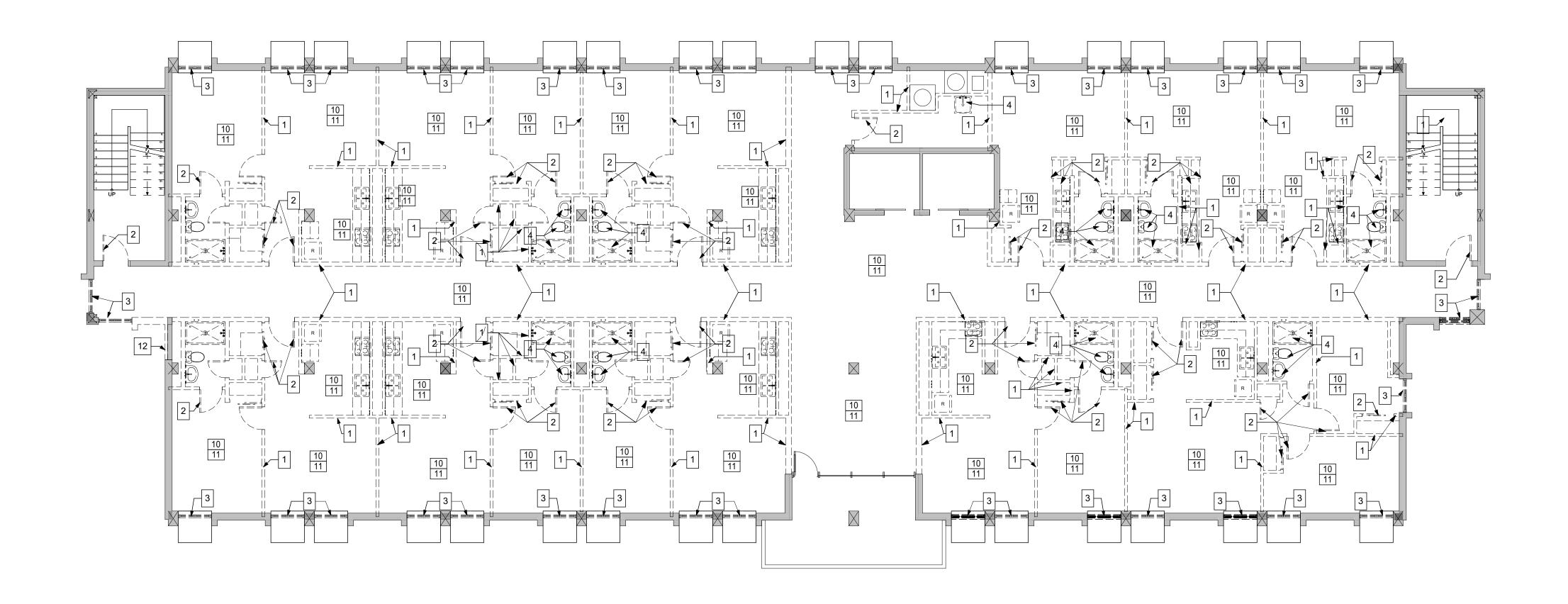
DRAWN BY: MD, TH

**D101** 

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ARCHITECTS + DESIGNERS

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SEALS

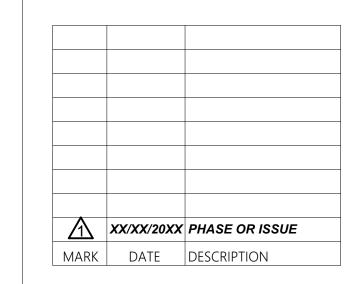


PROJECT TITLE

COMPREHENSIVE MODERNIZATION OF W.C. ERVIN TOWERS, GA001000072

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

TYPICAL
DEMOLITION
PLAN TYPE A2ND, 4TH, 5TH,
7TH, 8TH & 10TH
FLOORS



DATE: 1/10/2023

FILE: 20221006 ERVIN TOWERS

DRAWN BY: MD, TH CHK'D BY:

D102

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ALL EQUIPMENT TO BE REMOVED AND RETAINED BY THE OWNER SHALL BE TAGGED ACCORDINGLY AND SHALL NOT BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE. THE CONTRACTOR WILL BE RESPONSIBLE TO NOTIFY THE OWNER IF THE EQUIPMENT IS NOT REMOVED AND PROVIDE PROTECTION UNTIL IT IS REMOVED.		8	DIRECTION ON ALL PIPING AND WIRING.  REMOVE EXISTING STOREFRONT SYSTEM, AND ALL ASSOCIATED BLOCKING.
REMOVE ALL EXISTING FLOOR FINISHES AND BASE. LEVEL FLOOR AND PROVIDE SMOOTH CLEAN SURFACE FOR INSTALLATION OF NEW FLOOR FINISH.		9	REMOVE PORTION OF EXISTING WALL FOR INSTALLATION OF NEW DOOR AND FRAME. PROVIDE SMOOTH, CLEAN SURFACES FOR NEW CONSTRUCTION.
REMOVE ALL EXISTING ACOUSTICAL CEILING TILES AND SUSPENDED CEILING GRID, COMPLETE. CONSULT MECHANICAL AND ELECTRICAL DRAWINGS FOR WORK IN THIS AREA PRIOR TO DEMOLITION ACTIVITIES. PREPARE AREA FOR NEW CONSTRUCTION.		10	REMOVE EXISTING FLOOR FINISHES AND BASE. LEVEL FLOOR AND PROVIDE SMOOTH CLEAN SURFACE FOR INSTALLATION OF NEW FLOOR FINISH. SEE FINISH PLANS.
REMOVE ALL EXISTING BLINDS AND WINDOW TREATMENTS THROUGHOUT	WALL LEGEND	11	REMOVE EXISTING CEILING (ACOUSTICAL TILES AND GRID AND/OR GYPSUM), COMPLETE. CONSULT MECHANICAL
BUILDING, TO INCLUDE ALL HARDWARE, COMPLETE.  REMOVE ALL EXISTING CHAIR RAIL THROUGHOUT BUILDING. PROVIDE	EXISTING WALLS TO REMAIN.		DRAWINGS FOR WORK IN THIS AREA PRIOR TO DEMOLITION ACTIVITIES. PREPARE AREA FOR NEW CONSTRUCTION.
SMOOTH CLEAN SURFACE FOR NEW FINISHES.	= $=$ $=$ $=$ EXISTING TO BE REMOVED.	12	REMOVE BRICK VENEER



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SEALS

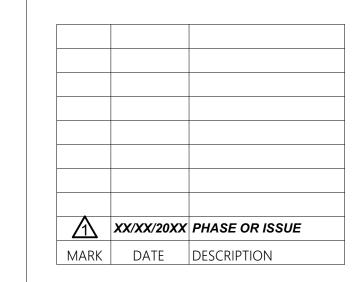


PROJECT TITLE

**COMPREHENSIVE MODERNIZATION** W.C. ERVIN TOWERS, GA001000072

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

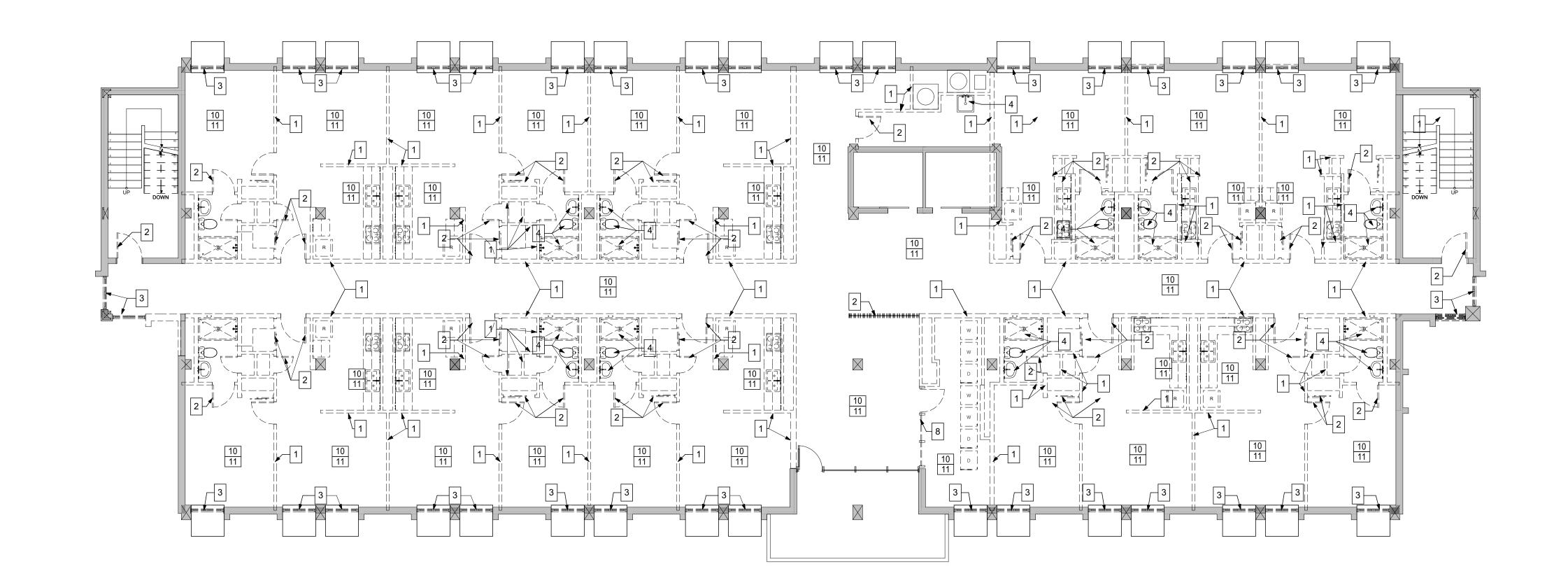
TYPICAL DEMOLITION PLAN TYPE B -3RD, 6TH & 9TH FLOORS



DATE: 1/10/2023 FILE: 20221006 ERVIN TOWERS DRAWN BY: MD, TH

CHK'D BY:

**D103** 



		GEORGIA CODE REFERENCE (	GUIDE						
APPLICABLE COMMERCIAL CODE	ES	FIRE RESISTANCE RATINGS REQUIRED (PER IBC TBALE 601)	REQUIRED	SPECIFIED	LEGEND OF SYMBOLS				
2018 INTERNATIONAL BUILDING (	CODE W/ GEORGIA AMENDMENTS (IBC)	PRIMARY STRUCTURAL FRAME	2 HRS	EXIST.	EXIST. # RATE		D ODENING		
2018 NFPA 101, LIFE SAFETY CODE W/ GEORGIA AMENDMENTS (NFPA 101)		INTERIOR BEARING WALLS 2		EXIST.	<b>"</b>	RATED OPENING			
018 INTERNATIONAL FIRE CODE	W/ NO AMENDMENTS (IFC)	EXTERIOR BEARING WALLS	2 HRS	EXIST.	<b>←</b>	PATH OF EGRE	ESS		
018 INTERNATIONAL MECHANIC	AL CODE W/ GEORGIA AMENDMENTS (IMC)			0 HRS		2 HR-RATED S	MOKE/FIRE PAR	RTITION	
018 INTERNATIONAL ENERGY C	ONSERVATION CODE W/ GEORGIA AMENDMENTS (IECC)	INTERIOR NONBEARING WALLS/PARTITIONS	0 HRS		F.F. 4		WIGHT INCE I ARTHRON		
020 NATIONAL ELECTRICAL COL	DE W/ GEORGIA AMENDMENTS (NEC)	EXTERIOR NONBEARING WALLS/PARTITIONS	0 HRS	EXIST.		FIRE EXTINGUISHER - CABINET MOUNTED			
018 INTERNATIONAL PLUMBING	CODE W/ GEORGIA AMENDMENTS (IPC)	FLOOR CONSTRUCTION	2 HRS	EXIST.					
2018 INTERNATIONAL FUEL GAS CODE W/ GEORGIA AMENDMENTS (IFGC)		ROOF CONSTRUCTION	1 HRS	EXIST.	_	FIRE EXTINGUIS			
EORGIA HANDICAPPED ACCESSIBILITY LAW 120-3-20		OTHER FIRE PROTECTION REQUIREMENTS	REQUIRED	QUANTITY		BRACKET MOUN	NIED		
MERICAN WITH DISABILITY ACT	(ADA), 2010 EDITION	STANDPIPES	YES		EXIT SIGN				
UILDING CLASSIFICATION		DRAFT STOPPING	NO						
OCCUPANCY CLASSIFICATION	EXISTING APARTMENT BUILDING	FIREBLOCKING	NO		PLUMBING REQUIREMENTS (IP	C TABLE 403.1)	REQ./MAX.	BY DESIGN	
	LSC TABLE 7.3.1.2, LSC CH. 31	PORTABLE FIRE EXTINGUISHERS	YES	2/FLOOR	FIRST FLOOR				
OCCUPANT LOAD	1ST FLOOR MEETING ROOM = 214 OCCUP @ 7SF/OCCUP. REMAINDER OF 1ST FLOOR - BUSINESS = 39 OCCUP @ 150SF/OCCUP.	FIRE ALARM SYSTEM (LSC 38.3.4.1 (2))	YES		ELECTRIC WATER COOLER		2	2	
	40 OCCUP/FLOORS 2-10 (LSC) = 360 OCCUP. @ 200SF/OCCUP.				SERVICE SINK		1 ON 1ST FL.	1/ FLOOR	
	LSC TABLE 7.3.1.2, LSC CH. 6	EGRESS REQUIREMENTS (LSC 7.3.1.2, LSC TABLE A.7.6)	REQ./MAX.	BY DESIGN	TOILETS		5	5	
WIII DINO CONOTDUOTION TYD	- ID (IDO)	REQUIRED STAIRWAY WIDTH (LSC TABLE 7.2.2.2.1.1 (a))	36 IN.	48 IN.	LAVATORIES		2	5	
BUILDING CONSTRUCTION TYPE	= IB (IBC) IBC TABLE 601, IBC CH. 6	COMMON PATH OF EGRESS LIMIT (TABLE A.76)	50 FT.	48 FT.	APARTMENT FLOORS				
PRINKLER SYSTEM REQUIRED	YES	DEAD END CORRIDOR LIMIT (TABLE A.7.6)	50 FT.	15 FT.	TOILETS		1 / DWELLING	1 / DWELLIN	
LLOWABLE BUILDING AREA	UNLIMITED	TRAVEL DISTANCE LIMIT (TABLE A.7.6)	325 FT.	171 FT.	LAVATORIES		1 / DWELLING	1 / DWELLIN	
LLOWABLE BUILDING HEIGHT	IBC TABLE 506.2, IBC CH. 5 180'-0" (12 STORIES) ALLOWED 109'-0" (10 STORIES) BY DESIGN				BATHTUB/SHOWER KITCHEN SINK		1 / DWELLING 1 / DWELLING	1 / DWELLIN 1 / DWELLIN	
	IBC TABLE 504.3, IBC CH. 5				AUTOMATIC CLOTHES WASHE	R	1 / 20 UNITS	1 / 11 UNITS	



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SEALS

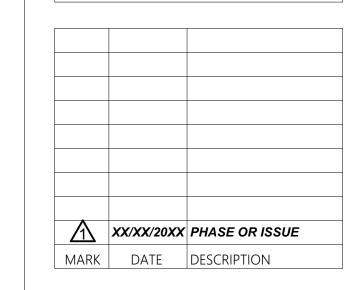


PROJECT TITLE

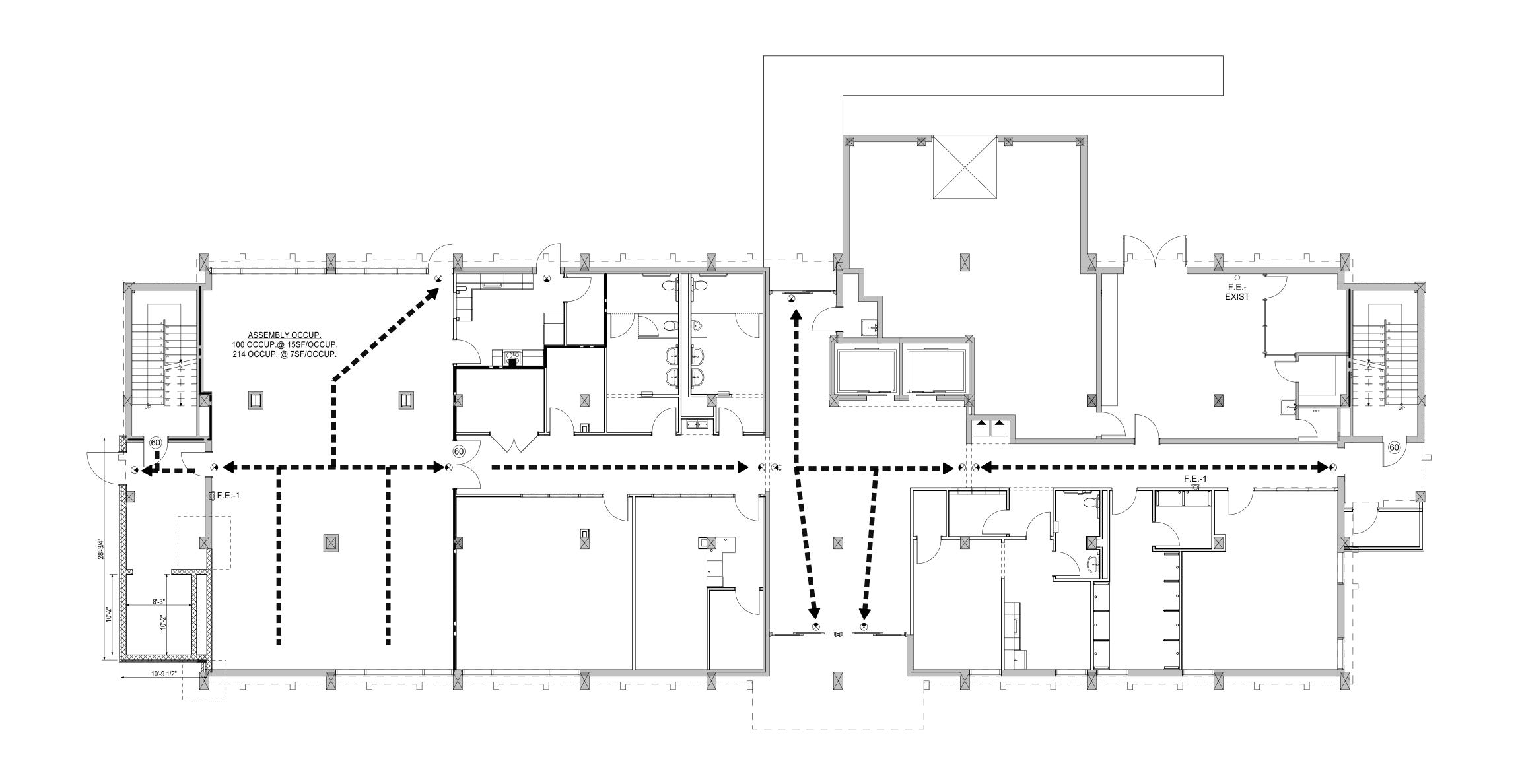
**COMPREHENSIVE MODERNIZATION** OF W.C. ERVIN TOWERS, GA001000072

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

FIRST FLOOR LIFE SAFETY PLAN



DATE: 1/10/2023 FILE: 20221006 ERVIN TOWERS DRAWN BY: MD, TH CHK'D BY:



		GEORGIA CODE REFERENCE (	GUIDE					
APPLICABLE COMMERCIAL CODE	ES .	FIRE RESISTANCE RATINGS REQUIRED (PER IBC TBALE 601)	REQUIRED	SPECIFIED	LEGEND OF SYMBOLS			
2018 INTERNATIONAL BUILDING (	CODE W/ GEORGIA AMENDMENTS (IBC)	PRIMARY STRUCTURAL FRAME	2 HRS	EXIST.	(#)	RATED OPENII	NC	
2018 NFPA 101, LIFE SAFETY COD	DE W/ GEORGIA AMENDMENTS (NFPA 101)	INTERIOR BEARING WALLS	2 HRS	EXIST.	#	RATED OPENII	NG	
2018 INTERNATIONAL FIRE CODE	W/ NO AMENDMENTS (IFC)	EXTERIOR BEARING WALLS	2 HRS	EXIST.	<b>←</b>	PATH OF EGRI	ESS	
018 INTERNATIONAL MECHANIC	AL CODE W/ GEORGIA AMENDMENTS (IMC)					2 HR-RATED S	SMOKE/FIRE PAR	RTITION
018 INTERNATIONAL ENERGY C	ONSERVATION CODE W/ GEORGIA AMENDMENTS (IECC)	INTERIOR NONBEARING WALLS/PARTITIONS	0 HRS	0 HRS		2111(10(125)		
020 NATIONAL ELECTRICAL COD	DE W/ GEORGIA AMENDMENTS (NEC)	EXTERIOR NONBEARING WALLS/PARTITIONS	0 HRS	EXIST.	F.E1	FIRE EXTINGUIS CABINET MOUN		
018 INTERNATIONAL PLUMBING	CODE W/ GEORGIA AMENDMENTS (IPC)	FLOOR CONSTRUCTION	2 HRS	EXIST.		CABINET WOON		
2018 INTERNATIONAL FUEL GAS CODE W/ GEORGIA AMENDMENTS (IFGC)		ROOF CONSTRUCTION	1 HRS	EXIST.	F.E2	FIRE EXTINGUIS		
SEORGIA HANDICAPPED ACCESS	SIBILITY LAW 120-3-20	OTHER FIRE PROTECTION REQUIREMENTS	REQUIRED	QUANTITY		BRACKET MOUI	NIED	
AMERICAN WITH DISABILITY ACT (ADA), 2010 EDITION		STANDPIPES	YES		EXIT SIGN			
UILDING CLASSIFICATION		DRAFT STOPPING	NO		_			
OCCUPANCY CLASSIFICATION	EXISTING APARTMENT BUILDING	FIREBLOCKING	NO		PLUMBING REQUIREMENTS (IPC TABLE 403.1)		REQ./MAX.	BY DESIGN
	LSC TABLE 7.3.1.2, LSC CH. 31	PORTABLE FIRE EXTINGUISHERS	YES	2/FLOOR	FIRST FLOOR			
OCCUPANT LOAD	1ST FLOOR MEETING ROOM = 214 OCCUP @ 7SF/OCCUP. REMAINDER OF 1ST FLOOR - BUSINESS = 39 OCCUP @ 150SF/OCCUP.	FIRE ALARM SYSTEM (LSC 38.3.4.1 (2))	YES		ELECTRIC WATER COOLER	R	2	2
	40 OCCUP/FLOORS 2-10 (LSC) = 360 OCCUP. @ 200SF/OCCUP.				SERVICE SINK		1 ON 1ST FL.	1/ FLOOR
	LSC TABLE 7.3.1.2, LSC CH. 6	EGRESS REQUIREMENTS (LSC 7.3.1.2, LSC TABLE A.7.6)	REQ./MAX.	BY DESIGN	TOILETS		5	5
		REQUIRED STAIRWAY WIDTH (LSC TABLE 7.2.2.2.1.1 (a))	36 IN.	48 IN.	LAVATORIES		2	5
BUILDING CONSTRUCTION TYPE	E IB (IBC) IBC TABLE 601, IBC CH. 6	COMMON PATH OF EGRESS LIMIT (TABLE A.76)	50 FT.	48 FT.	APARTMENT FLOORS			
SPRINKLER SYSTEM REQUIRED		DEAD END CORRIDOR LIMIT (TABLE A.7.6)	50 FT.	15 FT.	TOILETS		1 / DWELLING	
LLOWABLE BUILDING AREA	UNLIMITED	TRAVEL DISTANCE LIMIT (TABLE A.7.6)	325 FT.	171 FT.	LAVATORIES		1 / DWELLING	1 / DWELLING
	IBC TABLE 506.2, IBC CH. 5 180'-0" (12 STORIES) ALLOWED				BATHTUB/SHOWER		1 / DWELLING	1 / DWELLING
LLOWABLE BUILDING HEIGHT	109'-0" (12 STORIES) ALLOWED 109'-0" (10 STORIES) BY DESIGN				KITCHEN SINK		1 / DWELLING	1 / DWELLING
	IBC TABLE 504.3, IBC CH. 5				AUTOMATIC CLOTHES WAS	SHER	1 / 20 UNITS	1 / 11 UNITS



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SEALS

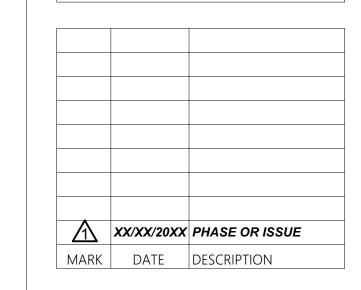


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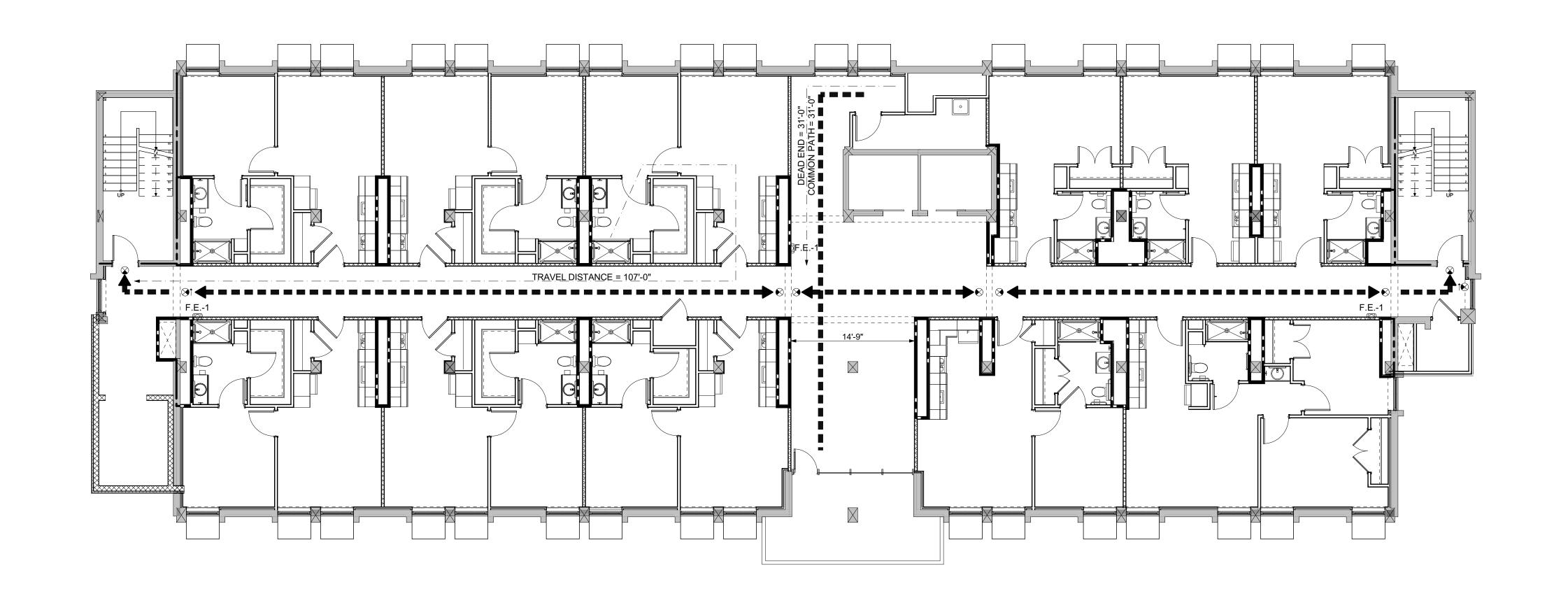
# **COMPREHENSIVE MODERNIZATION** OF W.C. ERVIN TOWERS, GA001000072

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

TYPICAL LIFE SAFETY PLAN TYPE A- 2ND, 4TH, 5TH, 7TH, 8TH & 10TH FLOORS



DATE: 1/10/2023 FILE: 20221006 ERVIN TOWERS DRAWN BY: MD, TH CHK'D BY:



		GEORGIA CODE REFERENCE (	GUIDE					
APPLICABLE COMMERCIAL CODE	ES .	FIRE RESISTANCE RATINGS REQUIRED (PER IBC TBALE 601)	REQUIRED	SPECIFIED	LEGEND OF SYMBOLS			
2018 INTERNATIONAL BUILDING (	CODE W/ GEORGIA AMENDMENTS (IBC)	PRIMARY STRUCTURAL FRAME	2 HRS	EXIST.	(#)	RATED OPENII	NC	
2018 NFPA 101, LIFE SAFETY COD	DE W/ GEORGIA AMENDMENTS (NFPA 101)	INTERIOR BEARING WALLS	2 HRS	EXIST.	#	RATED OPENII	NG	
2018 INTERNATIONAL FIRE CODE	W/ NO AMENDMENTS (IFC)	EXTERIOR BEARING WALLS	2 HRS	EXIST.	<b>←</b>	PATH OF EGRI	ESS	
018 INTERNATIONAL MECHANIC	AL CODE W/ GEORGIA AMENDMENTS (IMC)					2 HR-RATED S	SMOKE/FIRE PAR	RTITION
018 INTERNATIONAL ENERGY C	ONSERVATION CODE W/ GEORGIA AMENDMENTS (IECC)	INTERIOR NONBEARING WALLS/PARTITIONS	0 HRS	0 HRS		2111(10(125)		
020 NATIONAL ELECTRICAL COD	DE W/ GEORGIA AMENDMENTS (NEC)	EXTERIOR NONBEARING WALLS/PARTITIONS	0 HRS	EXIST.	F.E1	FIRE EXTINGUIS CABINET MOUN		
018 INTERNATIONAL PLUMBING	CODE W/ GEORGIA AMENDMENTS (IPC)	FLOOR CONSTRUCTION	2 HRS	EXIST.		CABINET WOON		
2018 INTERNATIONAL FUEL GAS CODE W/ GEORGIA AMENDMENTS (IFGC)		ROOF CONSTRUCTION	1 HRS	EXIST.	F.E2	FIRE EXTINGUIS		
SEORGIA HANDICAPPED ACCESS	SIBILITY LAW 120-3-20	OTHER FIRE PROTECTION REQUIREMENTS	REQUIRED	QUANTITY		BRACKET MOUI	NIED	
AMERICAN WITH DISABILITY ACT (ADA), 2010 EDITION		STANDPIPES	YES		EXIT SIGN			
UILDING CLASSIFICATION		DRAFT STOPPING	NO		_			
OCCUPANCY CLASSIFICATION	EXISTING APARTMENT BUILDING	FIREBLOCKING	NO		PLUMBING REQUIREMENTS (IPC TABLE 403.1)		REQ./MAX.	BY DESIGN
	LSC TABLE 7.3.1.2, LSC CH. 31	PORTABLE FIRE EXTINGUISHERS	YES	2/FLOOR	FIRST FLOOR			
OCCUPANT LOAD	1ST FLOOR MEETING ROOM = 214 OCCUP @ 7SF/OCCUP. REMAINDER OF 1ST FLOOR - BUSINESS = 39 OCCUP @ 150SF/OCCUP.	FIRE ALARM SYSTEM (LSC 38.3.4.1 (2))	YES		ELECTRIC WATER COOLER	R	2	2
	40 OCCUP/FLOORS 2-10 (LSC) = 360 OCCUP. @ 200SF/OCCUP.				SERVICE SINK		1 ON 1ST FL.	1/ FLOOR
	LSC TABLE 7.3.1.2, LSC CH. 6	EGRESS REQUIREMENTS (LSC 7.3.1.2, LSC TABLE A.7.6)	REQ./MAX.	BY DESIGN	TOILETS		5	5
		REQUIRED STAIRWAY WIDTH (LSC TABLE 7.2.2.2.1.1 (a))	36 IN.	48 IN.	LAVATORIES		2	5
BUILDING CONSTRUCTION TYPE	E IB (IBC) IBC TABLE 601, IBC CH. 6	COMMON PATH OF EGRESS LIMIT (TABLE A.76)	50 FT.	48 FT.	APARTMENT FLOORS			
SPRINKLER SYSTEM REQUIRED		DEAD END CORRIDOR LIMIT (TABLE A.7.6)	50 FT.	15 FT.	TOILETS		1 / DWELLING	
LLOWABLE BUILDING AREA	UNLIMITED	TRAVEL DISTANCE LIMIT (TABLE A.7.6)	325 FT.	171 FT.	LAVATORIES		1 / DWELLING	1 / DWELLING
	IBC TABLE 506.2, IBC CH. 5 180'-0" (12 STORIES) ALLOWED				BATHTUB/SHOWER		1 / DWELLING	1 / DWELLING
LLOWABLE BUILDING HEIGHT	109'-0" (12 STORIES) ALLOWED 109'-0" (10 STORIES) BY DESIGN				KITCHEN SINK		1 / DWELLING	1 / DWELLING
	IBC TABLE 504.3, IBC CH. 5				AUTOMATIC CLOTHES WAS	SHER	1 / 20 UNITS	1 / 11 UNITS



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SEALS

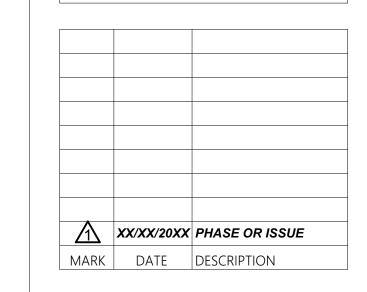


PROJECT TITLE

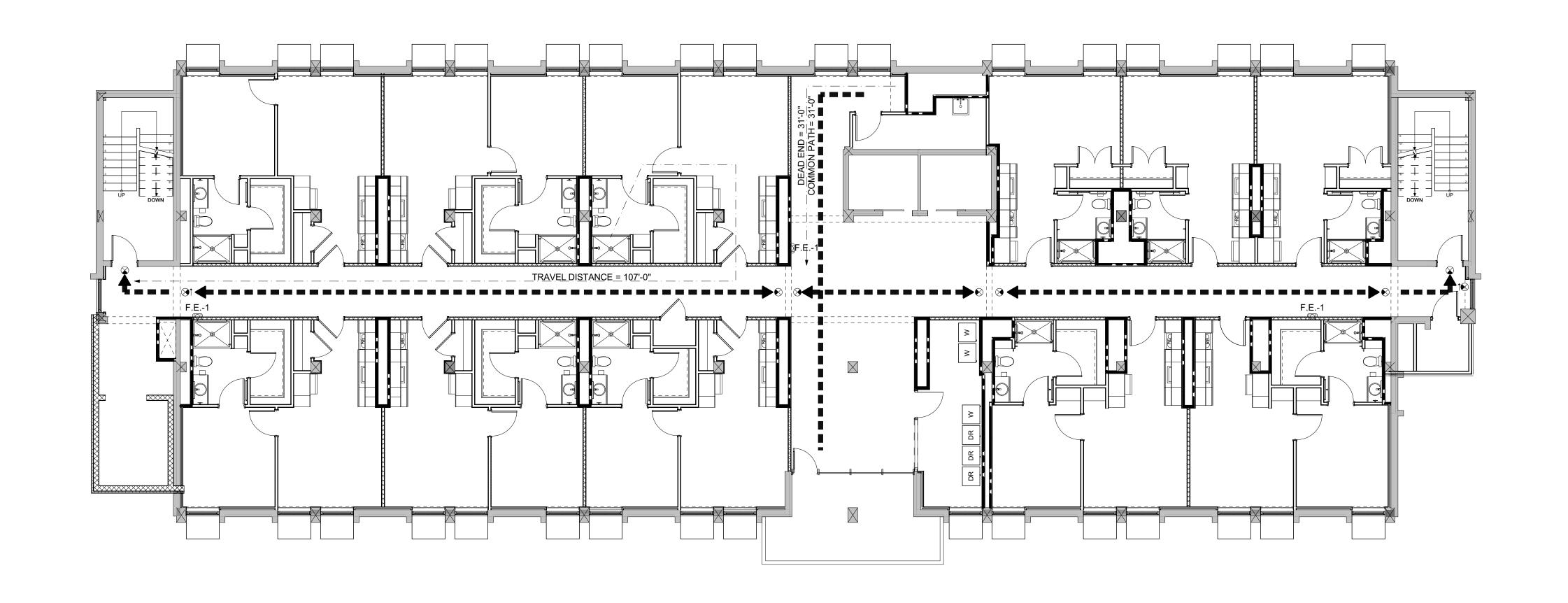
# COMPREHENSIVE **MODERNIZATION** OF W.C. ERVIN TOWERS, GA001000072

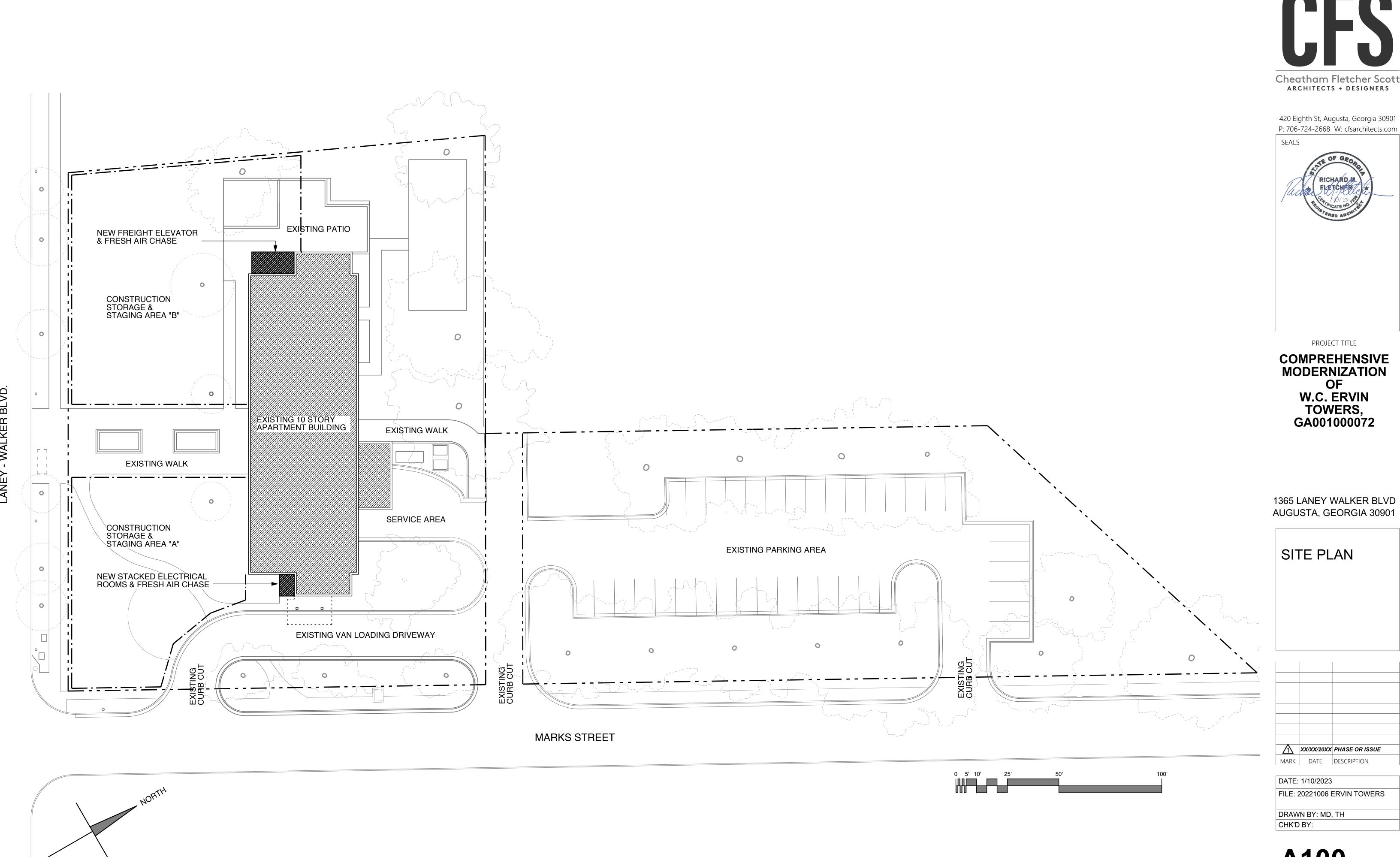
1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

TYPICAL LIFE SAFETY PLAN TYPE B - 3RD, 6TH & 9TH FLOORS



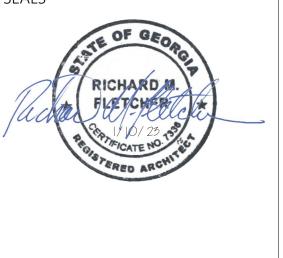
DATE: 1/10/2023 FILE: 20221006 ERVIN TOWERS DRAWN BY: MD, TH CHK'D BY:





Cheatham Fletcher Scott ARCHITECTS + DESIGNERS

420 Eighth St, Augusta, Georgia 30901



PROJECT TITLE

**COMPREHENSIVE MODERNIZATION** OF W.C. ERVIN TOWERS, GA001000072

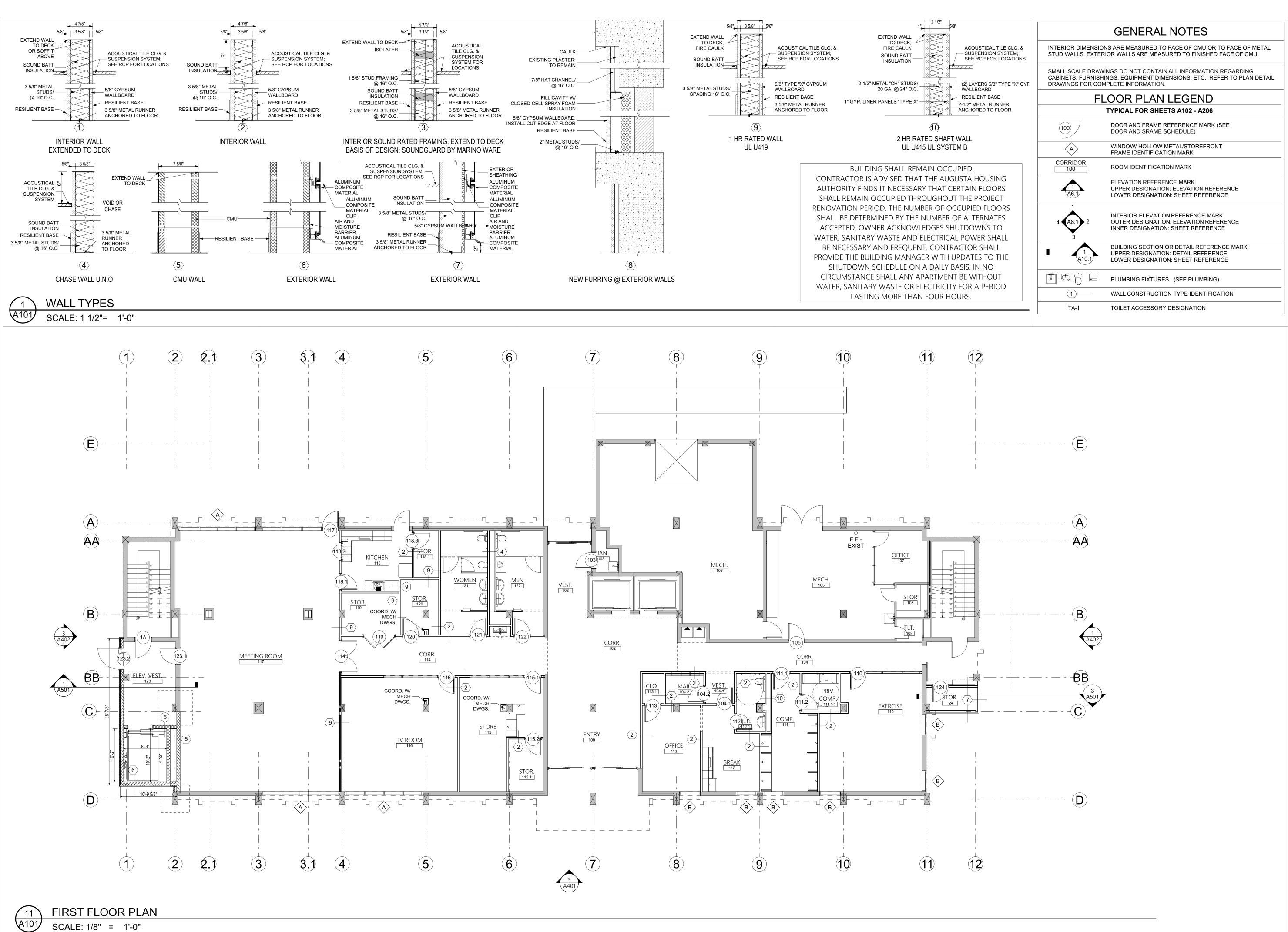
1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

SITE PLAN



DATE: 1/10/2023

DRAWN BY: MD, TH



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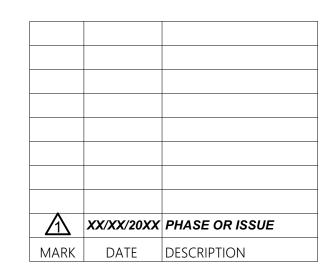


PROJECT TITLE

COMPREHENSIVE MODERNIZATION OF W.C. ERVIN TOWERS, GA001000072

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

FIRST FLOOR PLAN



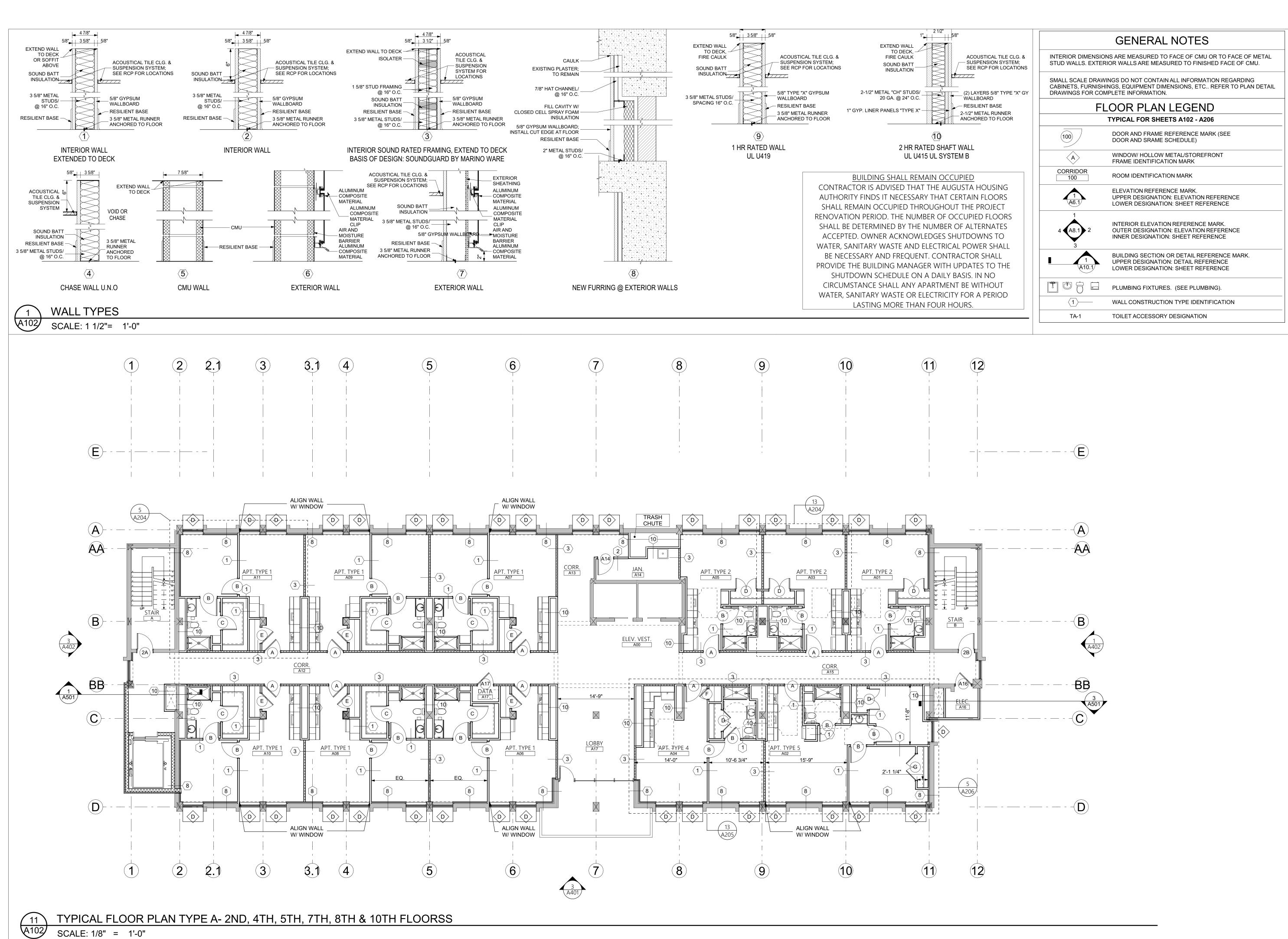
DATE: 1/10/2023

FILE: 20221006 ERVIN TOWERS

DRAWN BY: MD, TH

A101

CHK'D BY:



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SEALS

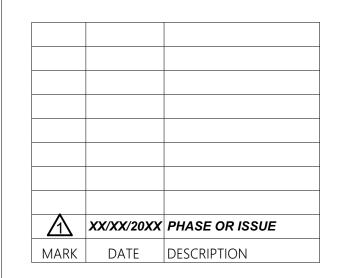


PROJECT TITLE

COMPREHENSIVE MODERNIZATION OF W.C. ERVIN TOWERS, GA001000072

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

TYPICAL FLOOR PLAN TYPE A-2ND, 4TH, 5TH, 7TH, 8TH & 10TH FLOORS



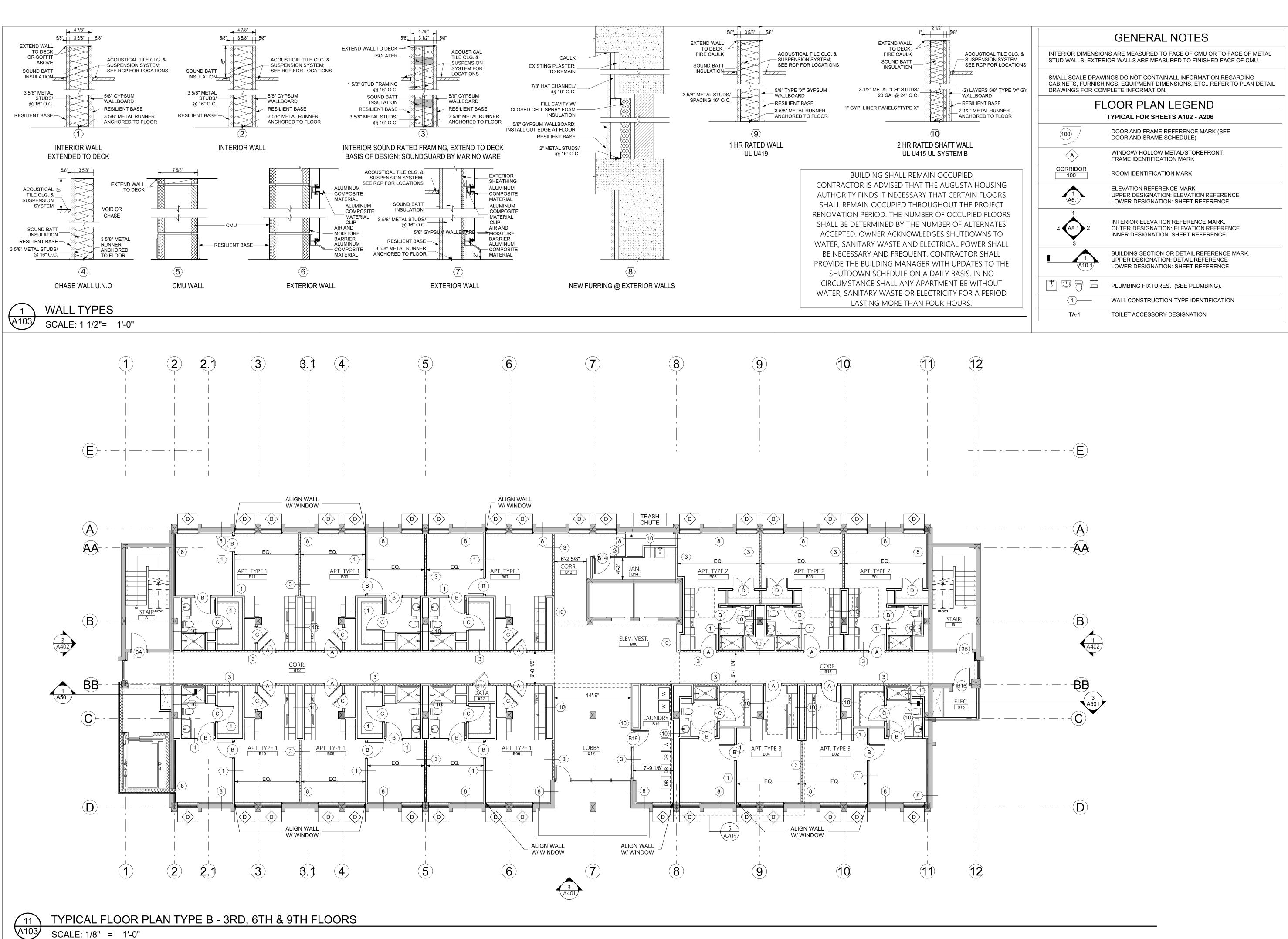
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FILE: 20221006 ERVIN TOWERS

DRAWN BY: MD, TH

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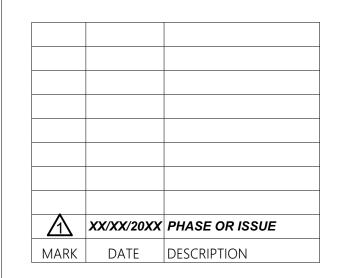


PROJECT TITLE

COMPREHENSIVE MODERNIZATION OF W.C. ERVIN TOWERS, GA001000072

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

TYPICAL FLOOR PLAN TYPE B -3RD, 6TH & 9TH FLOORS



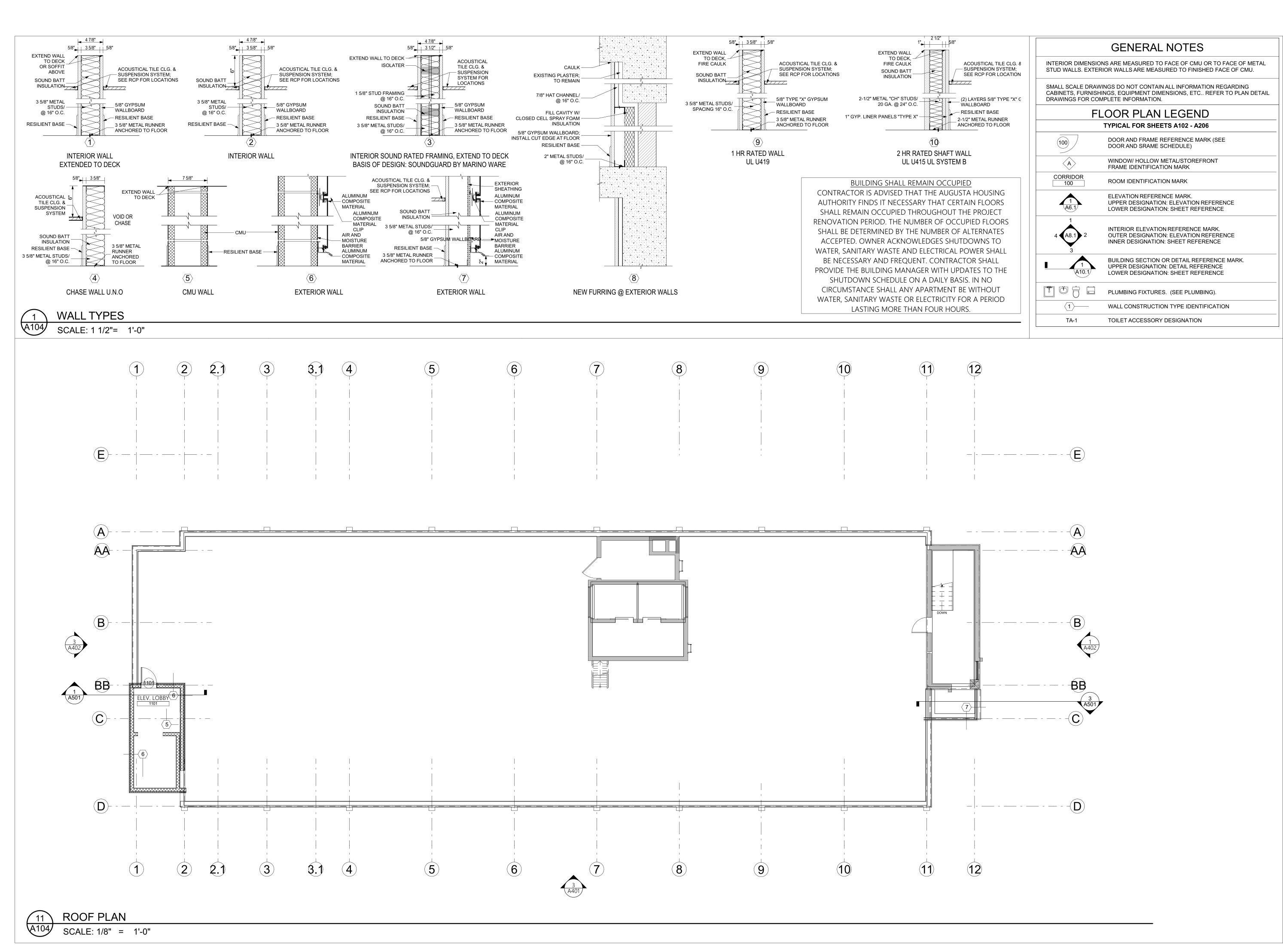
DATE: 1/10/2023

FILE: 20221006 ERVIN TOWERS

DRAWN BY: MD, TH

A103

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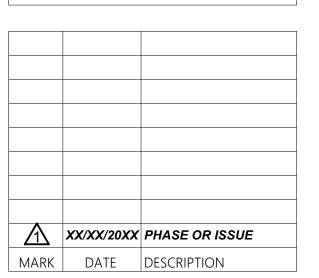


PROJECT TITLE

COMPREHENSIVE MODERNIZATION OF W.C. ERVIN TOWERS, GA001000072

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

ROOF PLAN



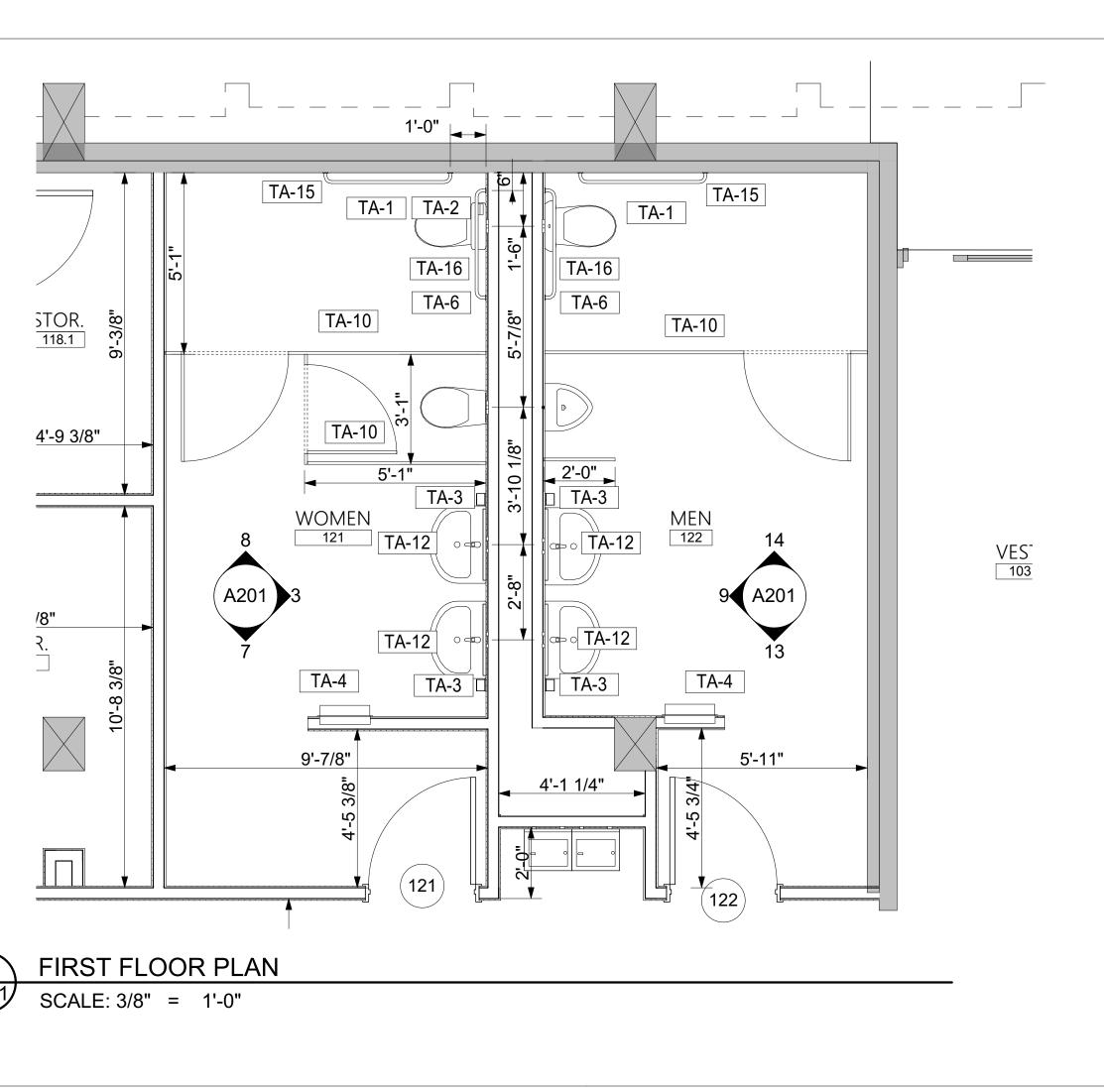
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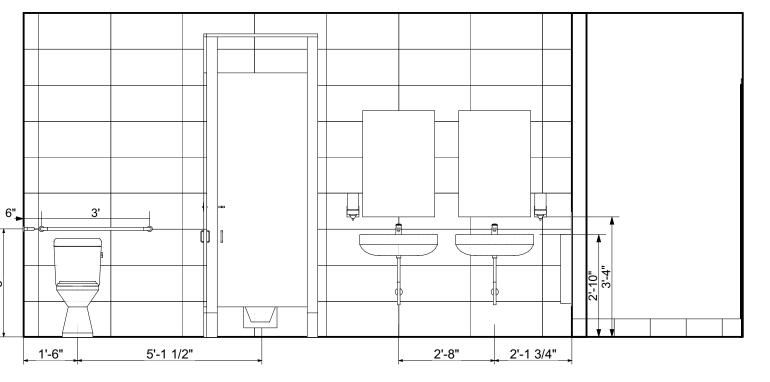
FILE: 20221006 ERVIN TOWERS

DRAWN BY: MD, TH

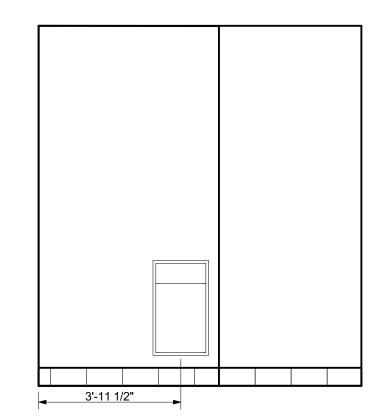
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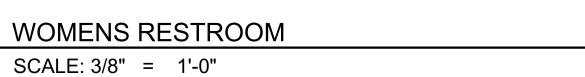
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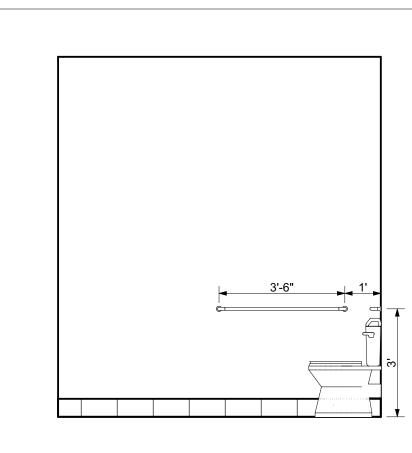




WOMENS RESTROOM SCALE: 3/8" = 1'-0"







WOMENS RESTROOM SCALE: 3/8" = 1'-0"

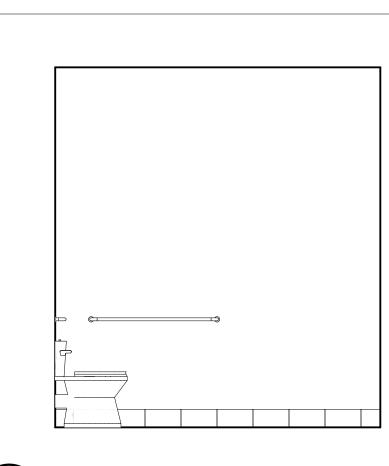
2'-7 1/2"\_\_\_\_\_3'-10 3/4"\_\_\_\_

MENS RESTROOM SCALE: 3/8" = 1'-0"

MENS RESTROOM

SCALE: 3/8" = 1'-0"

4'-3/4"



SCALE: 3/8" = 1'-0"

MENS RESTROOM

**TOILET ACCESSORIES** MODEL NO. MARK DESCRIPTION MANUFACTURER **TOILET TISSUE DISPENSER** AMERICAN SPECIALTIES, INC. TA-2 FEMININE NAPKIN DISPOSAL AMERICAN SPECIALTIES, INC. AMERICAN SPECIALTIES, INC. SOAP DISPENSER RECESSED TOWEL/WASTE AMERICAN SPECIALTIES, INC. TOILET TISSUE ROLL HOLDER AMERICAN SPECIALTIES, INC. 7314 TOWEL RING AMERICAN SPECIALTIES, INC. 7306 18" TOWEL BAR AMERICAN SPECIALTIES, INC. 24" TOWEL BAR AMERICAN SPECIALTIES, INC. 7307-24 SHOWER ROD/FLANGES AMERICAN SPECIALTIES, INC. 1204-1,1204-2 TA-10 DOUBLE ROBE HOOK AMERICAN SPECIALTIES, INC. 7312 24"x32" FRAMLESS MIRROR AMERICAN SPECIALTIES, INC. 24"x36"STAINLESS STEEL MIRROR AMERICAN SPECIALTIES, INC. 20650-B2436 TA-13 6"X 24" MOUNTED SHELF AMERICAN SPECIALTIES, INC. TA-14 24" GRAB BARS AMERICAN SPECIALTIES, INC. 3701-24 42" GRAB BARS AMERICAN SPECIALTIES, INC. 3701-42 36" GRAB BARS 3701-36 AMERICAN SPECIALTIES, INC. HOOK WITH BUMPER AMERICAN SPECIALTIES, INC. 0714 TA-18 48" GRAB BARS AMERICAN SPECIALTIES, INC. 3701-48 GENERAL NOTES:

1. ALL METAL FINISHES TO BE SATIN NICKLE. 2. PROVIDE BLOCKING FOR ALL TOILET ACCESSORIES/GRAB BARS/HANDRAILS

APPLIANCE SCHEDULE							
MARK	DESCRIPTION	APPROX. SIZE					
AP-1	REFRIDGERATOR	29"W x 33"D x 63"H					
AP-2	OVEN/RANGE (ELECTRIC)(24"W)	24"W					
AP-3	RANGE HOOD	24"W					
AP-4	LAUNDRY - WASHING MACHINE	27"W					
AP-5	LAUNDRY - DRYER	27"W					
AP-6	OVEN/RANGE (ELECTRIC)(30"W)	30"W					
AP-7	RANGE HOOD	30"W					
OFNEDAL NOTES:							

GENERAL NOTES: 1. APPLIANCES WILL BE OWNER PURCHASED WITH ALLOWANCE FROM GC. 2. APPLIANCES ARE TO BE CONTRACTOR INSTALLED (INCLUDES ADJUSTING DOOR SWINGS ON REFRIGERATORS WHERE NECESSARY).

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ARCHITECTS + DESIGNERS

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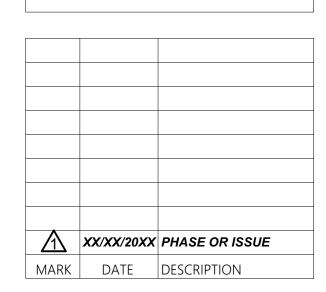
SEALS



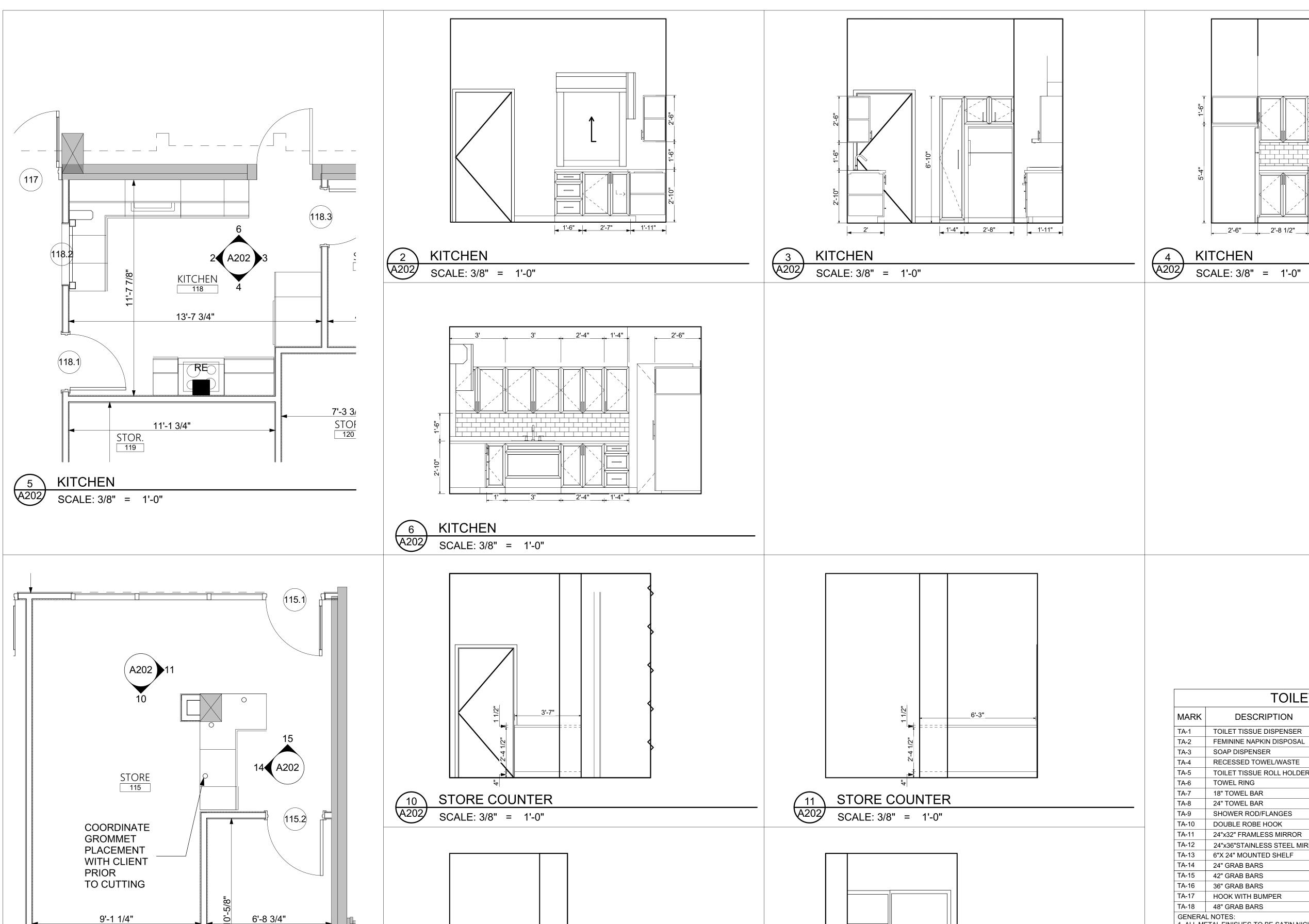
PROJECT TITLE W.C. ERVIN TOWERS, GA001000072

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

ENLARGED PLAN - FIRST FLOOR



DATE: 1/10/2023 FILE: 20221006 ERVIN TOWERS DRAWN BY: MD, TH CHK'D BY:



2'-6" 2'-6" 1'-4"

Cheatham Fletcher Scott ARCHITECTS + DESIGNERS

420 Eighth St, Augusta, Georgia 30901 P: 706-724-2668 W: cfsarchitects.com

SEALS



PROJECT TITLE W.C. ERVIN TOWERS, GA001000072

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

ENLARGED PLAN - FIRST FLOOR

XX/XX/20XX PHASE OR ISSUE MARK DATE DESCRIPTION

DATE: 1/10/2023 FILE: 20221006 ERVIN TOWERS DRAWN BY: MD, TH CHK'D BY:

**A202** 



APPLIANCE SCHEDU	JLE
DESCRIPTION	

MARK	DESCRIPTION	APPROX. SIZE
AP-1	REFRIDGERATOR	29"W x 33"D x 63"H
AP-2	OVEN/RANGE (ELECTRIC)(24"W)	24"W
AP-3	RANGE HOOD	24"W
AP-4	LAUNDRY - WASHING MACHINE	27"W
AP-5	LAUNDRY - DRYER	27"W
AP-6	OVEN/RANGE (ELECTRIC)(30"W)	30"W
AP-7	RANGE HOOD	30"W

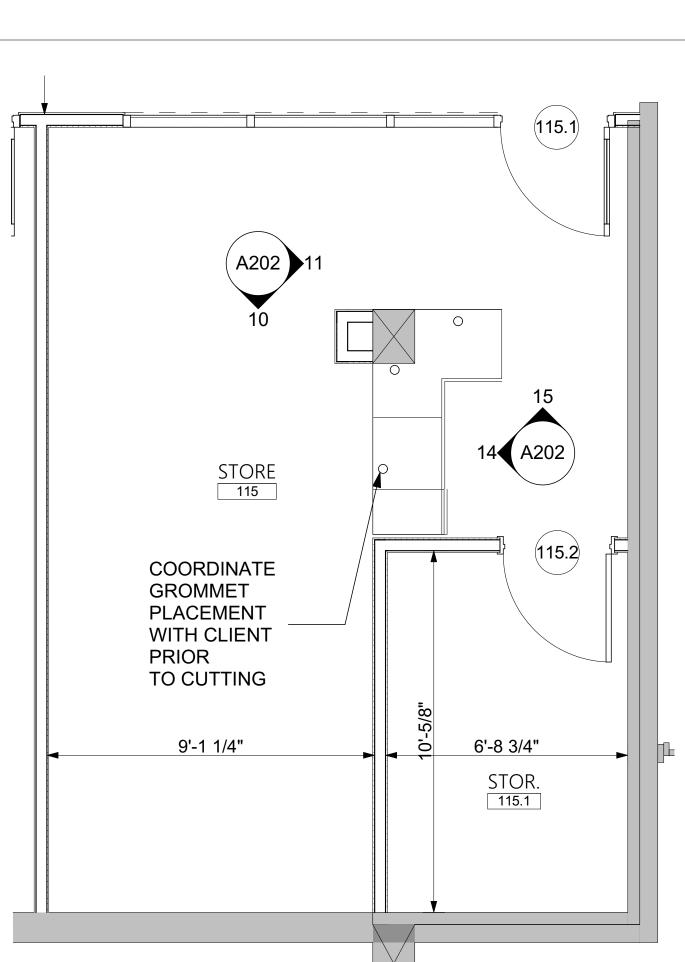
GENERAL NOTES:

STORE COUNTER

SCALE: 3/8" = 1'-0"

15

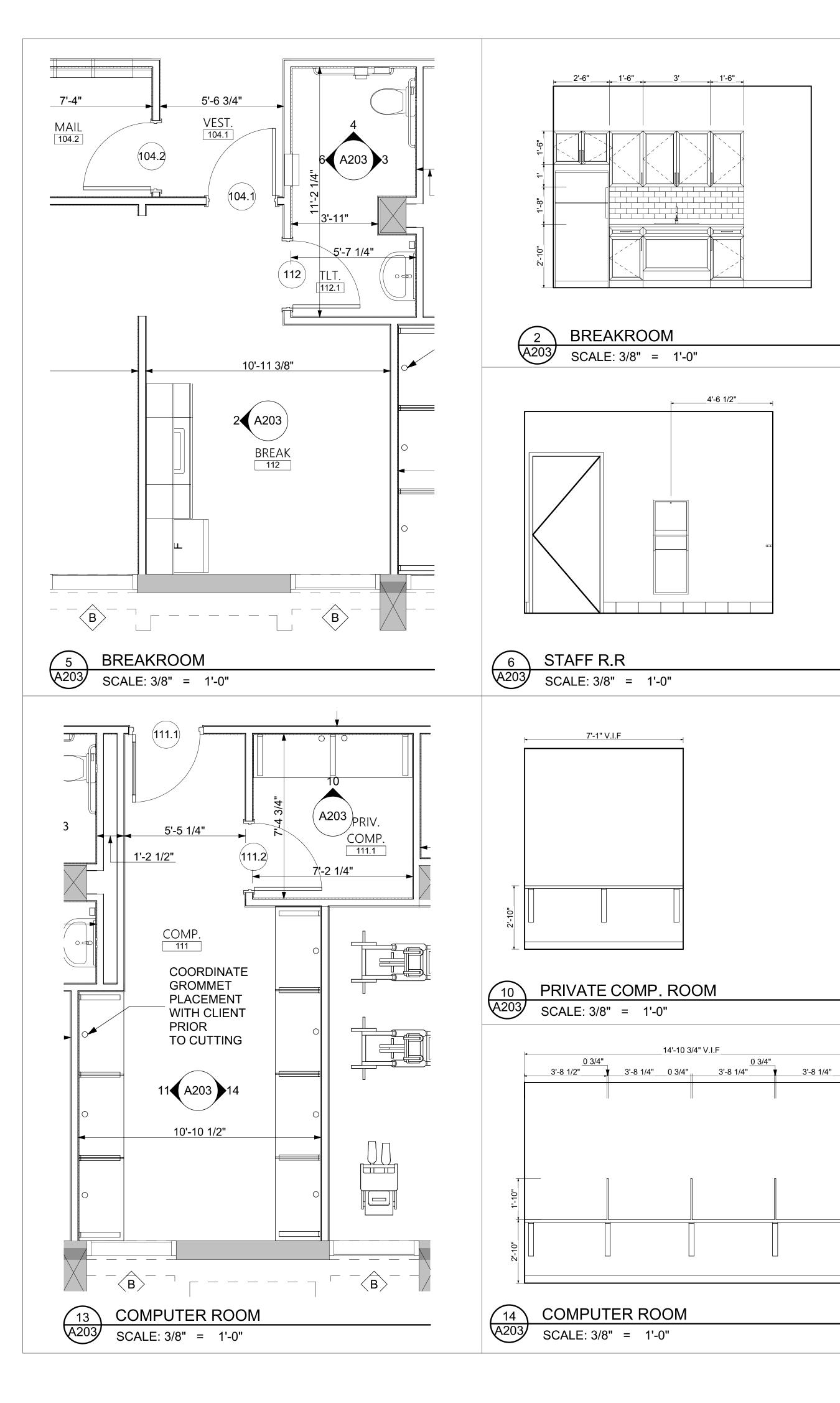
 APPLIANCES WILL BE OWNER PURCHASED WITH ALLOWANCE FROM GC.
 APPLIANCES ARE TO BE CONTRACTOR INSTALLED (INCLUDES ADJUSTING DOOR SWINGS ON REFRIGERATORS WHERE NECESSARY).

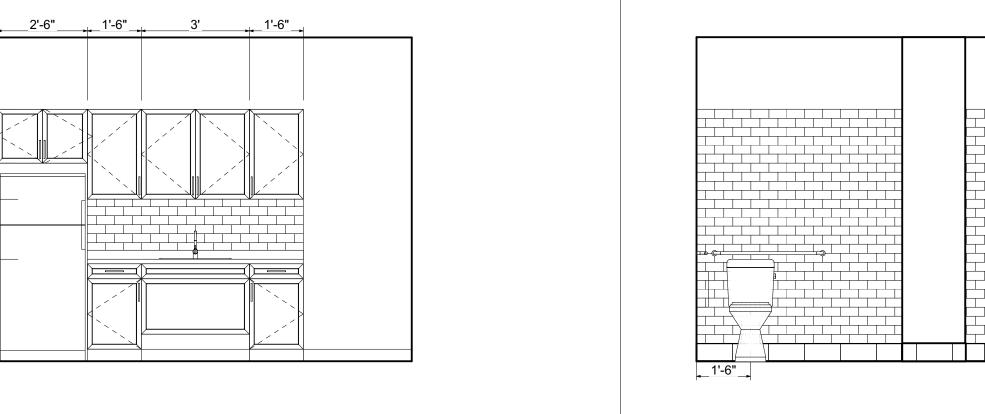


STORE COUNTER

SCALE: 3/8" = 1'-0"

STORE COUNTER SCALE: 3/8" = 1'-0"





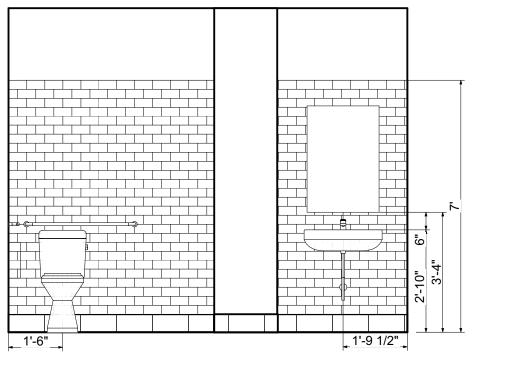
BREAKROOM

7'-1" V.I.F

14'-10 3/4" V.I.F

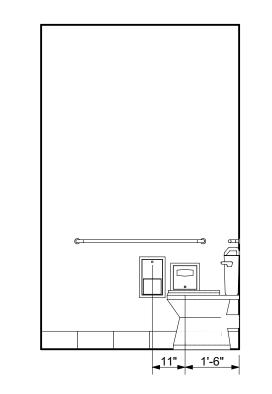
SCALE: 3/8" = 1'-0"

4'-6 1/2"



STAFF R.R

SCALE: 3/8" = 1'-0"



STAFF R.R

MARK

TA-1

TA-3

TA-7

TA-9

TA-10

TA-11

TA-13

TA-14

TA-15

TA-16

TA-17

TA-18

MARK

AP-3

AP-5

AP-7

GENERAL NOTES:

DESCRIPTION

DESCRIPTION

OVEN/RANGE (ELECTRIC)(24"W)

LAUNDRY - WASHING MACHINE

OVEN/RANGE (ELECTRIC)(30"W)

REFRIDGERATOR

LAUNDRY - DRYER

REFRIGERATORS WHERE NECESSARY).

RANGE HOOD

RANGE HOOD

TOILET TISSUE DISPENSER

SCALE: 3/8" = 1'-0"

### PROJECT TITLE W.C. ERVIN TOWERS, GA001000072

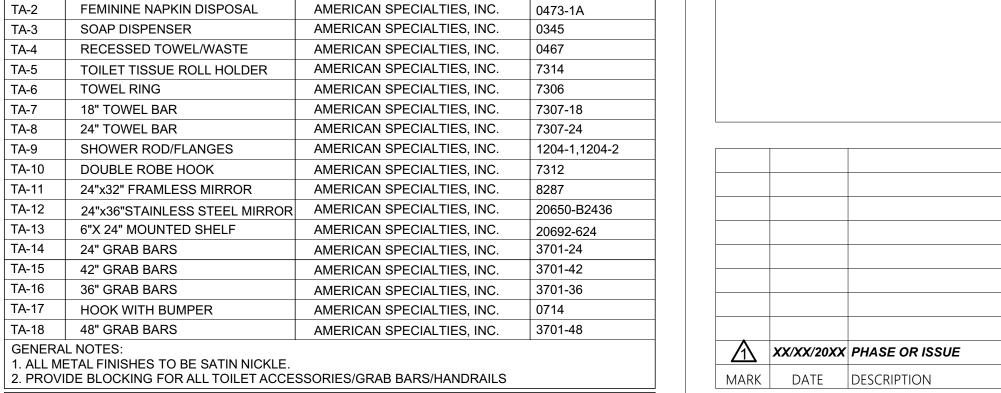
Cheatham Fletcher Scott ARCHITECTS + DESIGNERS

420 Eighth St, Augusta, Georgia 30901 P: 706-724-2668 W: cfsarchitects.com

SEALS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

**ENLARGED** PLANS - FIRST **FLOOR** 



APPROX. SIZE

29"W x 33"D x 63"H

27"W

27"W

MODEL NO.

**TOILET ACCESSORIES** 

APPLIANCE SCHEDULE

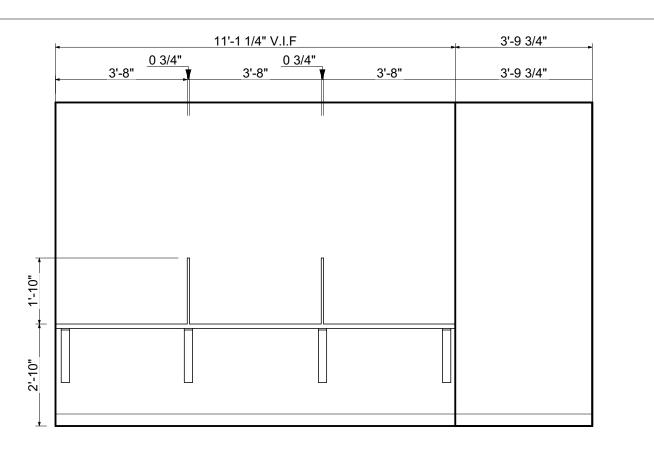
1. APPLIANCES WILL BE OWNER PURCHASED WITH ALLOWANCE FROM GC.
2. APPLIANCES ARE TO BE CONTRACTOR INSTALLED (INCLUDES ADJUSTING DOOR SWINGS ON

MANUFACTURER

AMERICAN SPECIALTIES, INC.

DATE: 1/10/2023 FILE: 20221006 ERVIN TOWERS DRAWN BY: MD, TH CHK'D BY:

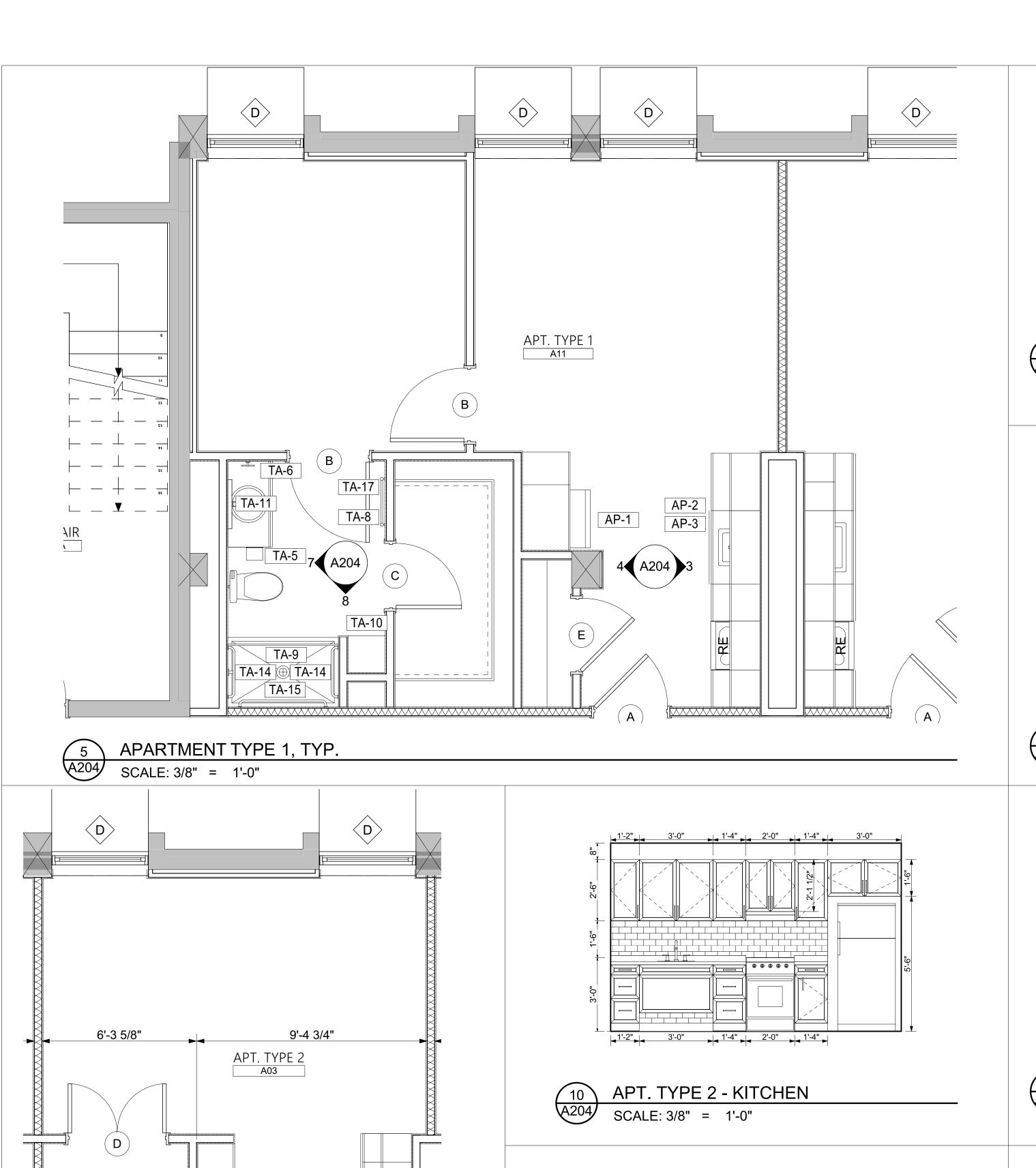
**A203** 



**COMPUTER ROOM** SCALE: 3/8" = 1'-0"

7'-1" V.I.F

PRIVATE COMPUTER ROOM SCALE: 3/8" = 1'-0"



AP-2 AP-3

TA-14 TA-8

TA-13

TA-6

\* **1** TA-17

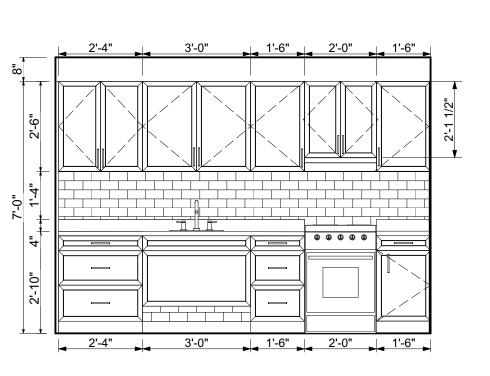
15 TA-10

TA-9

APARTMENT TYPE 2, TYP.

TA-14 (m) TA-14

SCALE: 3/8" = 1'-0"

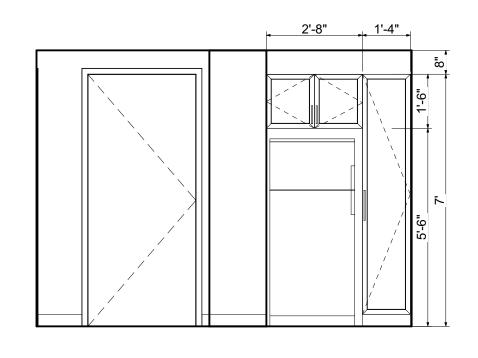


APT. TYPE 1 - KITCHEN A204 SCALE: 3/8" = 1'-0"

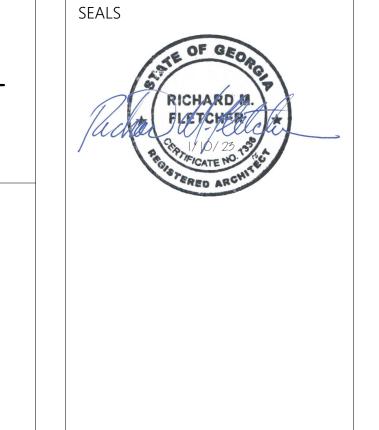
3'-5"

APT. TYPE 1 - BATHROOM

SCALE: 3/8" = 1'-0"



APT. TYPE 1 - KITCHEN SCALE: 3/8" = 1'-0"



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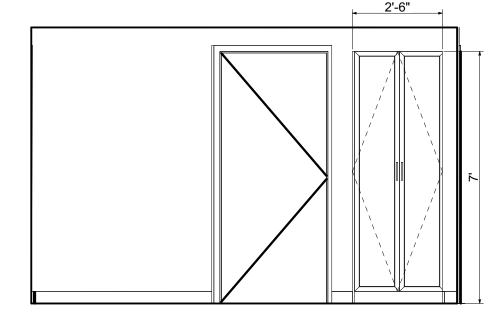
420 Eighth St, Augusta, Georgia 30901 P: 706-724-2668 W: cfsarchitects.com

PROJECT TITLE W.C. ERVIN TOWERS, GA001000072

1365 LANEY WALKER

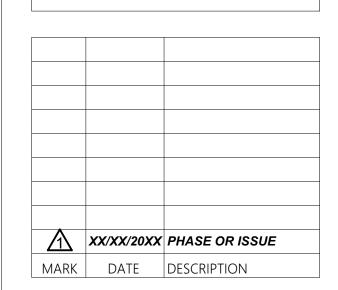
APT. TYPE 1 - BATHROOM

SCALE: 3/8" = 1'-0"



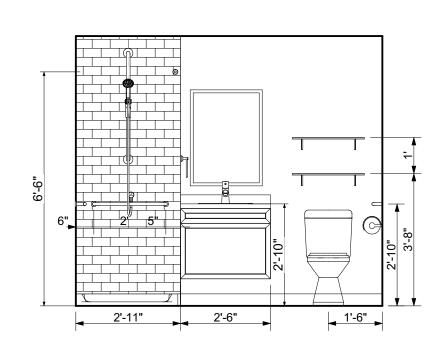
TYP. APT B - KITCHEN EAST SCALE: 3/8" = 1'-0"

BLVD AUGUSTA, GEORGIA 30901 ENLARGED PLAN **TOILET ACCESSORIES** - TYPICAL APT. 1 & 2

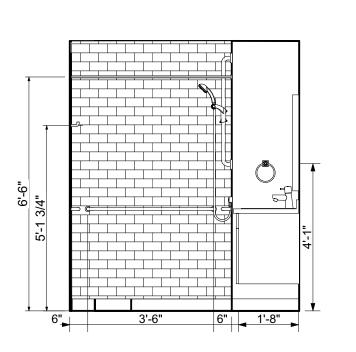


DATE: 1/10/2023 FILE: 20221006 ERVIN TOWERS DRAWN BY: MD, TH CHK'D BY:

**A204** 



APT. TYPE 2 - BATHROOM SCALE: 3/8" = 1'-0"



APT. TYPE 2 - BATHROOM SCALE: 3/8" = 1'-0"

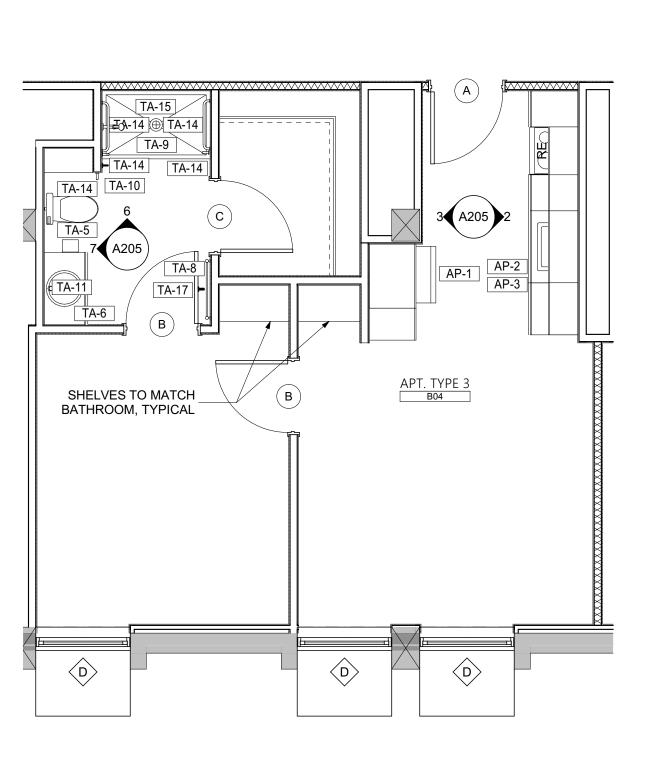
TOILLTAGOLOGOTTILO							
MARK	DESCRIPTION	MANUFACT	URER	MODEL NO.			
TA-1	TOILET TISSUE DISPENSER	AMERICAN SPECIAL	ΓΙΕS, INC.	0030			
TA-2	FEMININE NAPKIN DISPOSAL	AMERICAN SPECIAL	ΓIES, INC.	0473-1A			
TA-3	SOAP DISPENSER	AMERICAN SPECIAL	ΓIES, INC.	0345			
TA-4	RECESSED TOWEL/WASTE	AMERICAN SPECIAL	ΓIES, INC.	0467			
TA-5	TOILET TISSUE ROLL HOLDER	AMERICAN SPECIAL	ΓIES, INC.	7314			
TA-6	TOWEL RING	AMERICAN SPECIAL	ΓIES, INC.	7306			
TA-7	18" TOWEL BAR	AMERICAN SPECIAL	ΓIES, INC.	7307-18			
TA-8	24" TOWEL BAR	AMERICAN SPECIAL	ΓIES, INC.	7307-24			
TA-9	SHOWER ROD/FLANGES	AMERICAN SPECIAL	ΓIES, INC.	1204-1,1204-2			
TA-10	DOUBLE ROBE HOOK	AMERICAN SPECIAL	ΓIES, INC.	7312			
TA-11	24"x32" FRAMLESS MIRROR	AMERICAN SPECIAL	ΓIES, INC.	8287			
TA-12	24"x36"STAINLESS STEEL MIRROR	AMERICAN SPECIAL	ΓIES, INC.	20650-B2436			
TA-13	6"X 24" MOUNTED SHELF	AMERICAN SPECIAL	ΓIES, INC.	20692-624			
TA-14	24" GRAB BARS	AMERICAN SPECIAL	ΓIES, INC.	3701-24			
TA-15	42" GRAB BARS	AMERICAN SPECIAL	ΓIES, INC.	3701-42			
TA-16	36" GRAB BARS	AMERICAN SPECIAL	ΓIES, INC.	3701-36			
TA-17	HOOK WITH BUMPER	AMERICAN SPECIAL	ΓIES, INC.	0714			
TA-18	48" GRAB BARS	AMERICAN SPECIAL	ΓΙΕS, INC.	3701-48			
GENERAL NOTES:  1. ALL METAL FINISHES TO BE SATIN NICKLE.  2. PROVIDE BLOCKING FOR ALL TOILET ACCESSORIES/GRAB BARS/HANDRAILS							
	APPLIAN	ICE SCHED	JLE				
MARK	DESCRIPTION		API	PROX. SIZE			

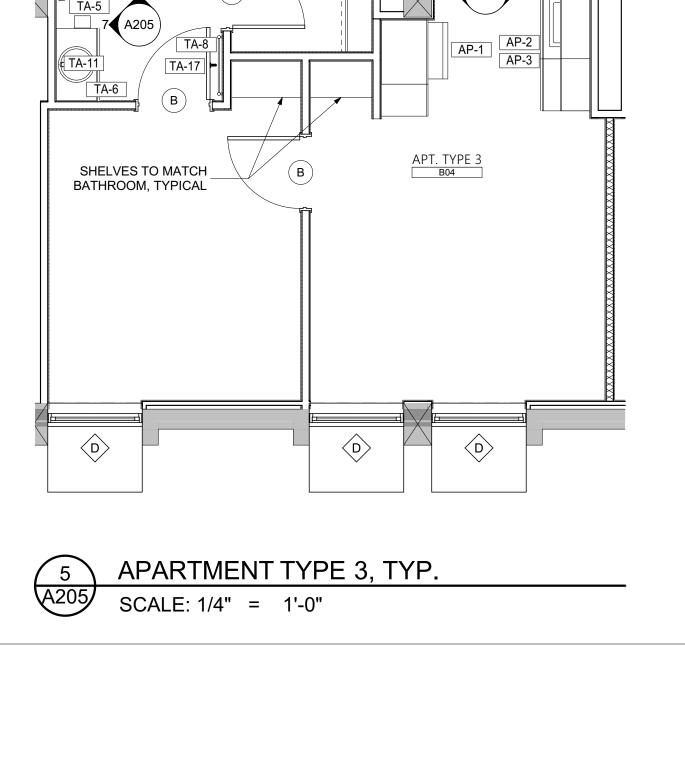
MARK	DESCRIPTION	APPROX. SIZE			
AP-1	REFRIDGERATOR	29"W x 33"D x 63"H			
AP-2	OVEN/RANGE (ELECTRIC)(24"W)	24"W			
AP-3	RANGE HOOD	24"W			
AP-4	LAUNDRY - WASHING MACHINE	27"W			
AP-5	LAUNDRY - DRYER	27"W			
AP-6	OVEN/RANGE (ELECTRIC)(30"W)	30"W			
AP-7	RANGE HOOD	30"W			
CENEDAL NOTES:					

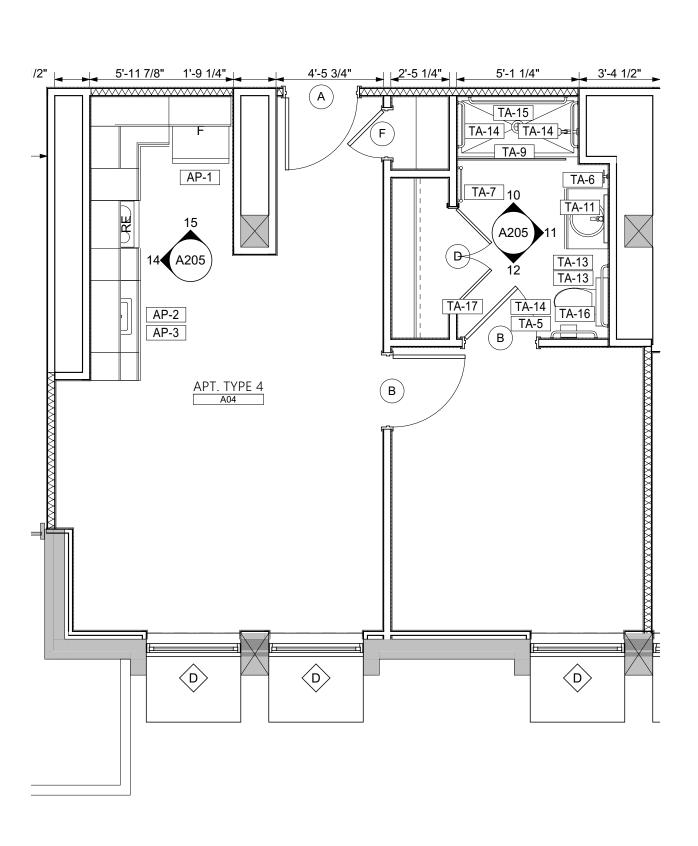
GENERAL NOTES:

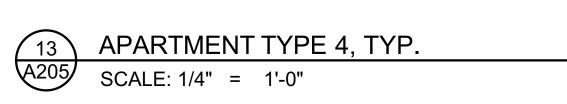
1. APPLIANCES WILL BE OWNER PURCHASED WITH ALLOWANCE FROM GC.

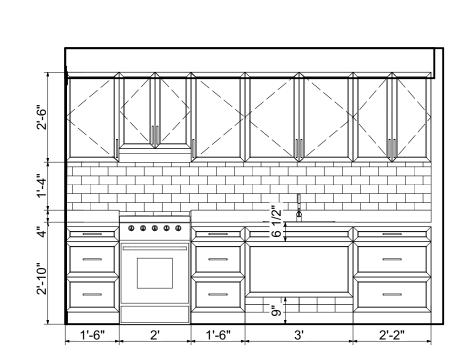
2. APPLIANCES ARE TO BE CONTRACTOR INSTALLED (INCLUDES ADJUSTING DOOR SWINGS ON REFRIGERATORS WHERE NECESSARY).











APT. TYPE 3 - KITCHEN SCALE: 3/8" = 1'-0"

APT. TYPE 3 - BATHROOM

APT. TYPE 4 - BATHROOM

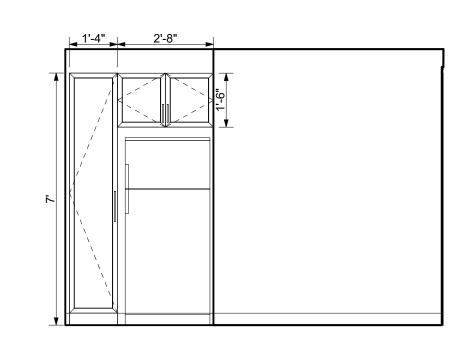
1'-2" 3' 1'-4" 2' 1'-4" 1'-9" 1'-2 1/2"

APT. TYPE 4 - KITCHEN

SCALE: 3/8" = 1'-0"

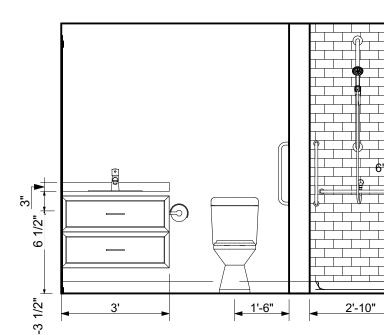
SCALE: 3/8" = 1'-0"

SCALE: 3/8" = 1'-0"



APT. TYPE 3 - KITCHEN

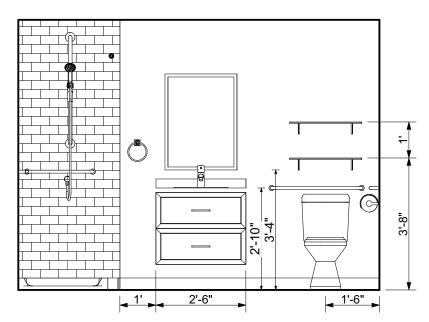
SCALE: 3/8" = 1'-0"



APT. TYPE 3 - BATHROOM SCALE: 3/8" = 1'-0"

1'-6" 2'-10"

SCALE: 3/8" = 1'-0"



	TOILET A	ACCESSORIES	
MARK	DESCRIPTION	MANUFACTURER	MODEL NO.
TA-1	TOILET TISSUE DISPENSER	AMERICAN SPECIALTIES, INC.	0030
TA-2	FEMININE NAPKIN DISPOSAL	AMERICAN SPECIALTIES, INC.	0473-1A
TA-3	SOAP DISPENSER	AMERICAN SPECIALTIES, INC.	0345
TA-4	RECESSED TOWEL/WASTE	AMERICAN SPECIALTIES, INC.	0467
TA-5	TOILET TISSUE ROLL HOLDER	AMERICAN SPECIALTIES, INC.	7314
TA-6	TOWEL RING	AMERICAN SPECIALTIES, INC.	7306
TA-7	18" TOWEL BAR	AMERICAN SPECIALTIES, INC.	7307-18
TA-8	24" TOWEL BAR	AMERICAN SPECIALTIES, INC.	7307-24
TA-9	SHOWER ROD/FLANGES	AMERICAN SPECIALTIES, INC.	1204-1,1204-2
TA-10	DOUBLE ROBE HOOK	AMERICAN SPECIALTIES, INC.	7312
TA-11	24"x32" FRAMLESS MIRROR	AMERICAN SPECIALTIES, INC.	8287
TA-12	24"x36"STAINLESS STEEL MIRROR	AMERICAN SPECIALTIES, INC.	20650-B2436
TA-13	6"X 24" MOUNTED SHELF	AMERICAN SPECIALTIES, INC.	20692-624
TA-14	24" GRAB BARS	AMERICAN SPECIALTIES, INC.	3701-24
TA-15	42" GRAB BARS	AMERICAN SPECIALTIES, INC.	3701-42
TA-16	36" GRAB BARS	AMERICAN SPECIALTIES, INC.	3701-36
TA-17	HOOK WITH BUMPER	AMERICAN SPECIALTIES, INC.	0714
TA-18	48" GRAB BARS	AMERICAN SPECIALTIES, INC.	3701-48
GENERA	NOTES:		

 1. ALL METAL FINISHES TO BE SATIN NICKLE.
 2. PROVIDE BLOCKING FOR ALL TOILET ACCESSORIES/GRAB BARS/HANDRAILS APPLIANCE SCHEDULE

MARK	DESCRIPTION	APPROX. SIZE
<b>λ</b> P-1	REFRIDGERATOR	29"W x 33"D x 63"H
\P-2	OVEN/RANGE (ELECTRIC)(24"W)	24"W
\P-3	RANGE HOOD	24"W
\P-4	LAUNDRY - WASHING MACHINE	27"W
\P-5	LAUNDRY - DRYER	27"W
<b>∖</b> P-6	OVEN/RANGE (ELECTRIC)(30"W)	30"W
\P-7	RANGE HOOD	30"W
GENERA	L NOTES:	

1. APPLIANCES WILL BE OWNER PURCHASED WITH ALLOWANCE FROM GC. 2. APPLIANCES ARE TO BE CONTRACTOR INSTALLED (INCLUDES ADJUSTING DOOR SWINGS ON REFRIGERATORS WHERE NECESSARY).

APT. TYPE 4 - BATHROOM

SCALE: 3/8" = 1'-0"

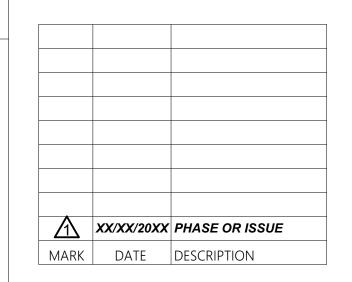
Cheatham Fletcher Scott ARCHITECTS + DESIGNERS 420 Eighth St, Augusta, Georgia 30901 P: 706-724-2668 W: cfsarchitects.com

SEALS

# PROJECT TITLE W.C. ERVIN TOWERS, GA001000072

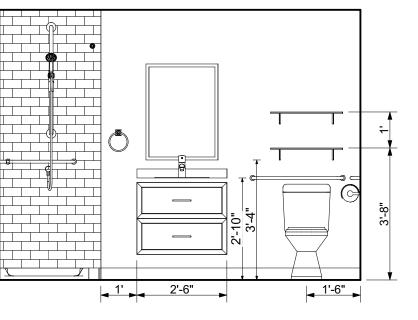
1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

ENLARGED PLAN - TYPICAL APT 3 & 4



DATE: 1/10/2023 FILE: 20221006 ERVIN TOWERS DRAWN BY: MD, TH CHK'D BY:

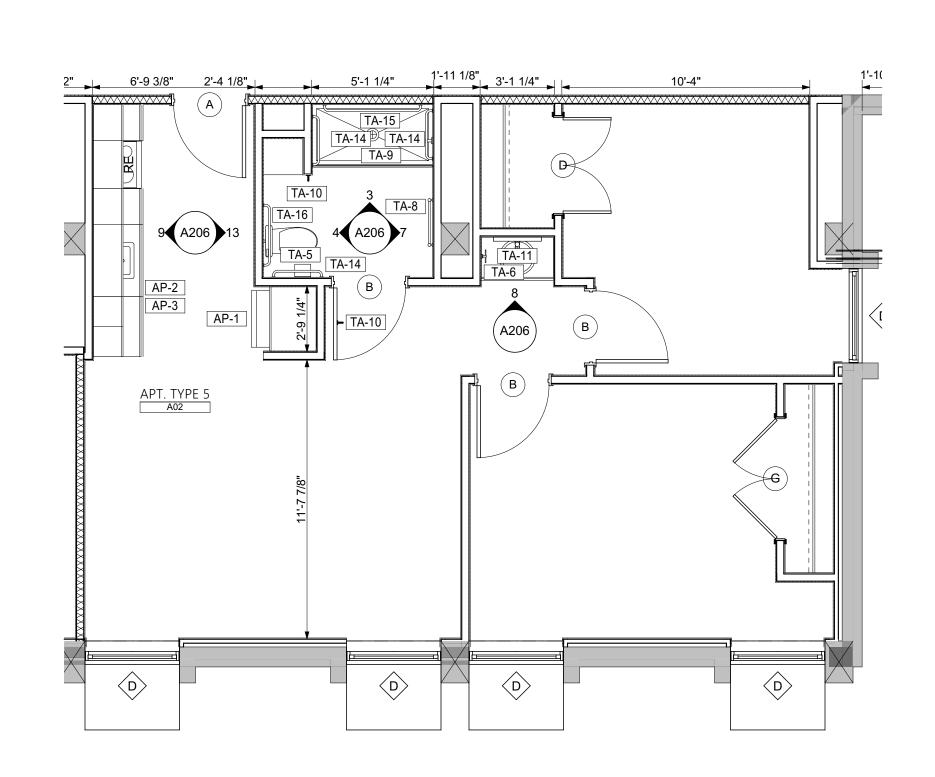
**A205** 



APT. TYPE 4 - BATHROOM

1'-11 3/4" 2'-7" 2'-7 3/4"

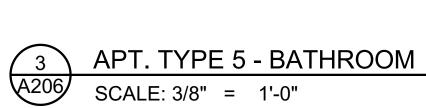
APT. TYPE 4 - KITCHEN SCALE: 3/8" = 1'-0"

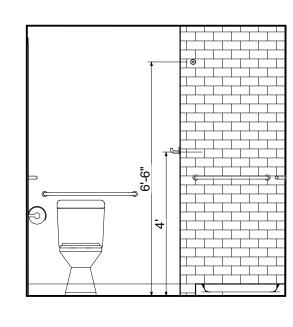


APARTMENT TYPE 5, TYP.

SCALE: 1/4" = 1'-0"

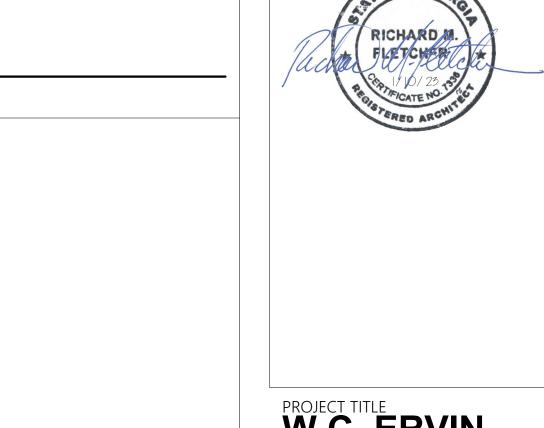
Z-3" EQ. EQ. EQ. EQ.





3' V.I.F

4 APT. TYPE 5 - BATHROOM
A206 SCALE: 3/8" = 1'-0"



SEALS

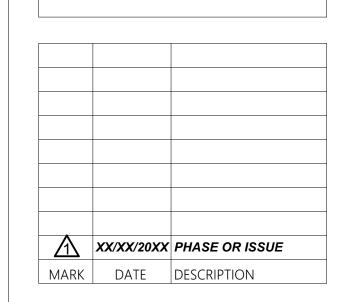


Cheatham Fletcher Scott
ARCHITECTS + DESIGNERS

420 Eighth St, Augusta, Georgia 30901 P: 706-724-2668 W: cfsarchitects.com

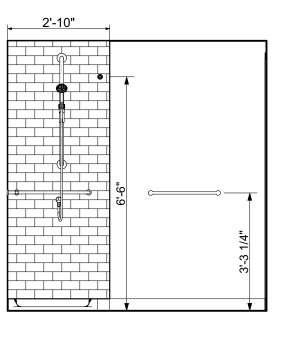
1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

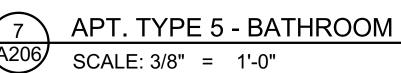
ENLARGED PLAN - TYPICAL APT 5

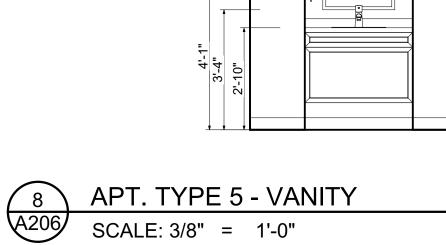


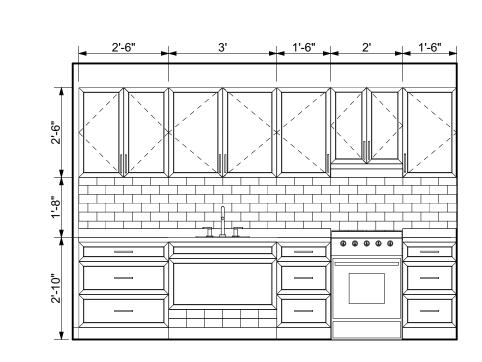
DATE: 1/10/2023
FILE: 20221006 ERVIN TOWERS
DRAWN BY: MD, TH
CHK'D BY:

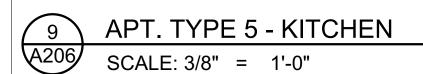
**A206** 

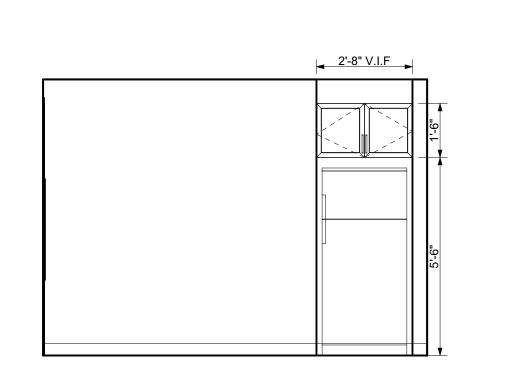


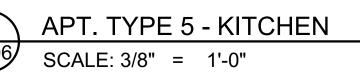


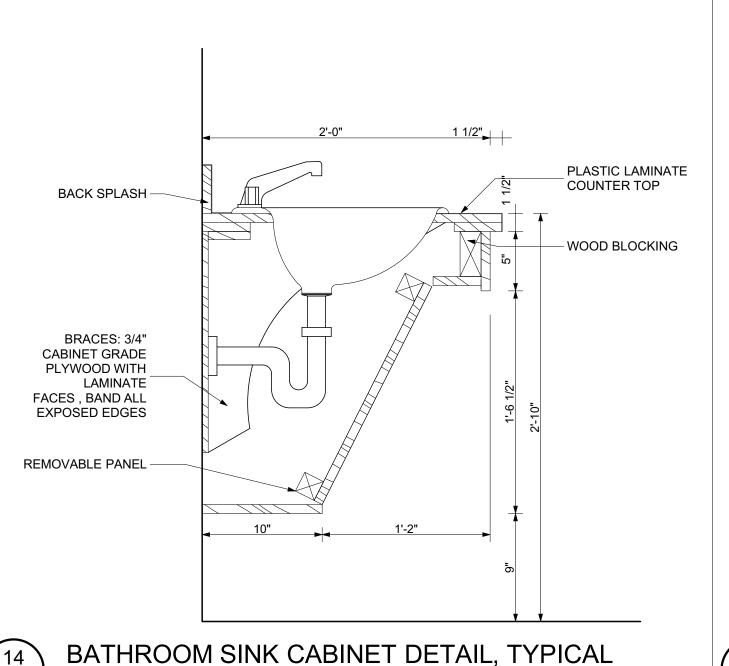




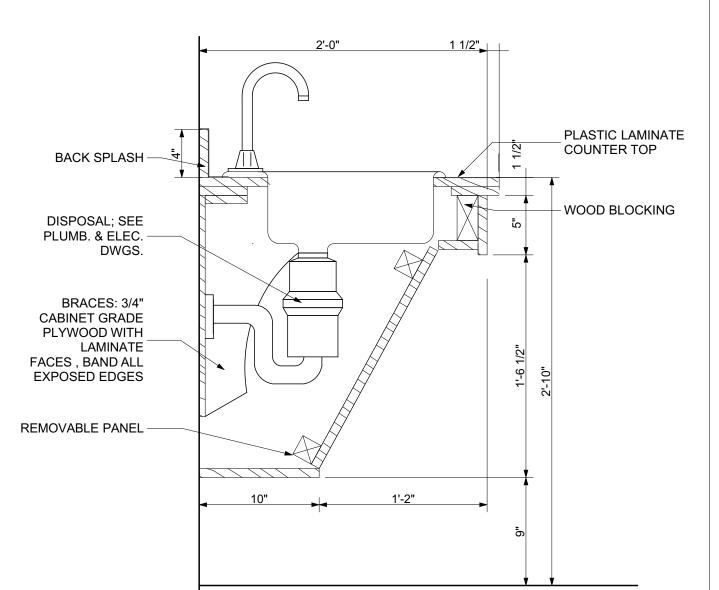








SCALE: 1 1/2"= 1'-0"

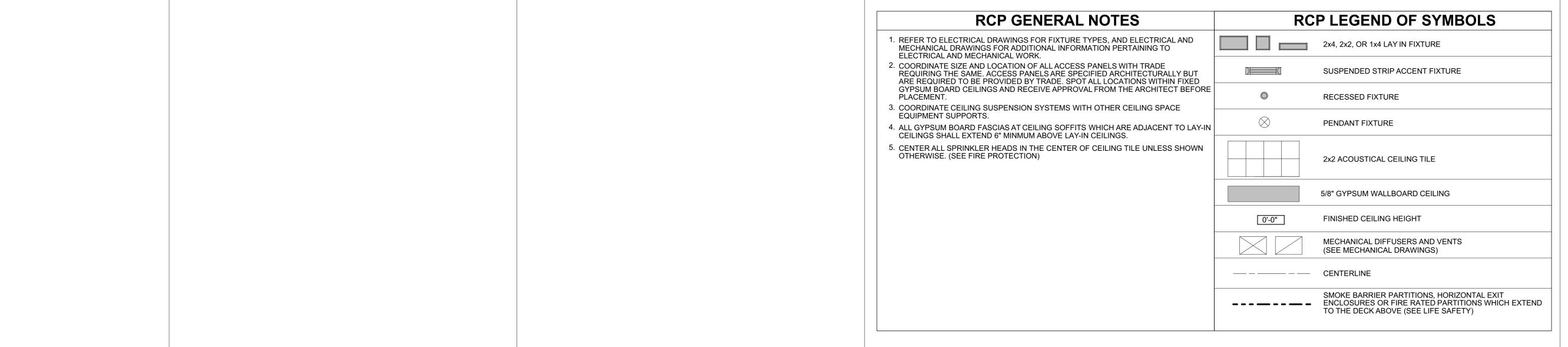


		, , , , , , , , , , , , , , , , , , ,	
15	KITCHEN S	INK CABINET DETAIL, TYPICAL	
A206	SCALE: 1 1/2"=	= 1'-0"	

MARK	DESCRIPTION	MANUFACTURER	MODEL NO.					
TA-1	TOILET TISSUE DISPENSER	AMERICAN SPECIALTIES, INC.	0030					
TA-2 FEMININE NAPKIN DISPOSAL AMERICAN SPECIALTIES, INC. 0473-1A								
TA-3	SOAP DISPENSER	AMERICAN SPECIALTIES, INC.	0345					
TA-4	RECESSED TOWEL/WASTE	AMERICAN SPECIALTIES, INC.	0467					
TA-5	TOILET TISSUE ROLL HOLDER	AMERICAN SPECIALTIES, INC.	7314					
TA-6	TOWEL RING	AMERICAN SPECIALTIES, INC.	7306					
TA-7	18" TOWEL BAR	AMERICAN SPECIALTIES, INC.	7307-18					
TA-8	24" TOWEL BAR	AMERICAN SPECIALTIES, INC.	7307-24					
TA-9	SHOWER ROD/FLANGES	AMERICAN SPECIALTIES, INC.	1204-1,1204-2					
TA-10	DOUBLE ROBE HOOK	AMERICAN SPECIALTIES, INC.	7312					
TA-11 24"x32" FRAMLESS MIRROR AMERICAN SPECIALTIES, INC. 8287								
TA-12 24"x36"STAINLESS STEEL MIRROR AMERICAN SPECIALTIES, INC. 20650-B2436								
TA-13 6"X 24" MOUNTED SHELF AMERICAN SPECIALTIES, INC. 20692-624								
TA-14	24" GRAB BARS	AMERICAN SPECIALTIES, INC.	3701-24					
TA-15	42" GRAB BARS	AMERICAN SPECIALTIES, INC.	3701-42					
TA-16	36" GRAB BARS	AMERICAN SPECIALTIES, INC.	3701-36					
TA-17	HOOK WITH BUMPER	AMERICAN SPECIALTIES, INC.	0714					
TA-18	48" GRAB BARS	AMERICAN SPECIALTIES, INC.	3701-48					
1. ALL ME	L NOTES: ETAL FINISHES TO BE SATIN NICKLE. DE BLOCKING FOR ALL TOILET ACCE:	SSORIES/GRAB BARS/HANDRAILS						

**TOILET ACCESSORIES** 

APPLIANCE SCHEDULE								
MARK	DESCRIPTION	APPROX. SIZE						
AP-1	REFRIDGERATOR	29"W x 33"D x 63"H						
AP-2	OVEN/RANGE (ELECTRIC)(24"W)	24"W						
AP-3	RANGE HOOD	24"W						
AP-4	LAUNDRY - WASHING MACHINE	27"W						
AP-5	LAUNDRY - DRYER	27"W						
AP-6	OVEN/RANGE (ELECTRIC)(30"W)	30"W						
AP-7	RANGE HOOD	30"W						
GENERA 1. APPLIA 2. APPLIA	L NOTES: ANCES WILL BE OWNER PURCHASED WITH ALLOWANCE ANCES ARE TO BE CONTRACTOR INSTALLED (INCLUDES ERATORS WHERE NECESSARY).							





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SEALS

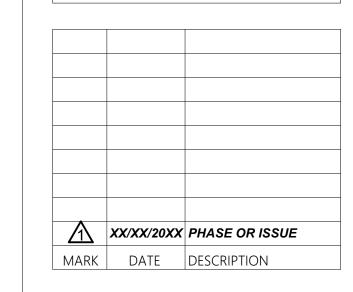


PROJECT TITLE

COMPREHENSIVE MODERNIZATION OF W.C. ERVIN TOWERS, GA001000072

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

FIRST FLOOR REFLECTED CEILING PLAN



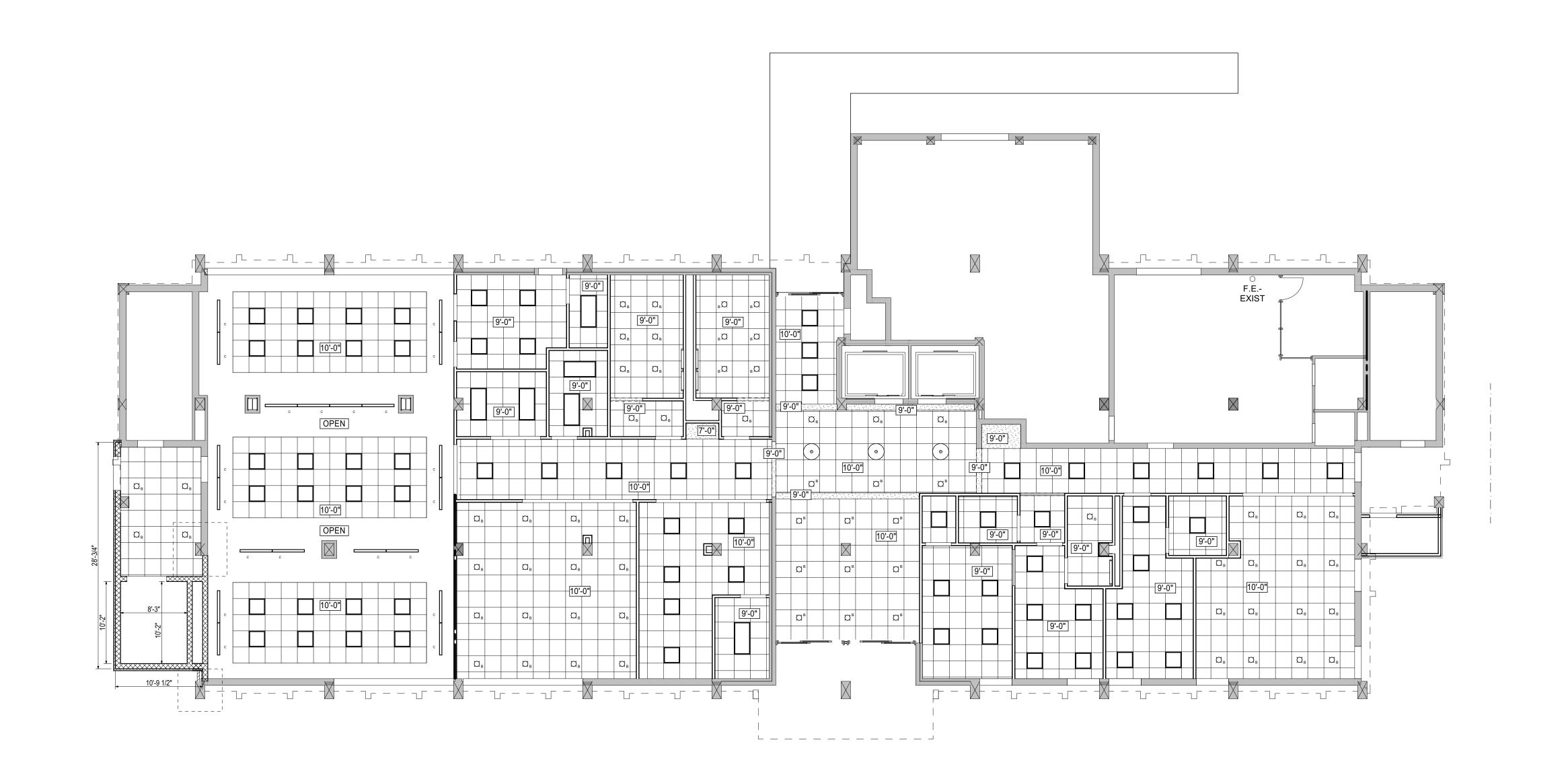
DATE: 1/10/2023

FILE: 20221006 ERVIN TOWERS

DRAWN BY: MD, TH

A301

CHK'D BY:







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SEALS

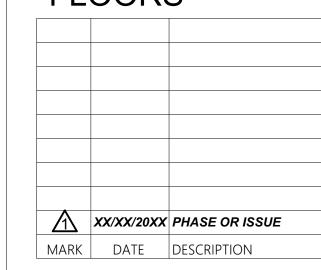


PROJECT TITLE

COMPREHENSIVE MODERNIZATION OF W.C. ERVIN TOWERS, GA001000072

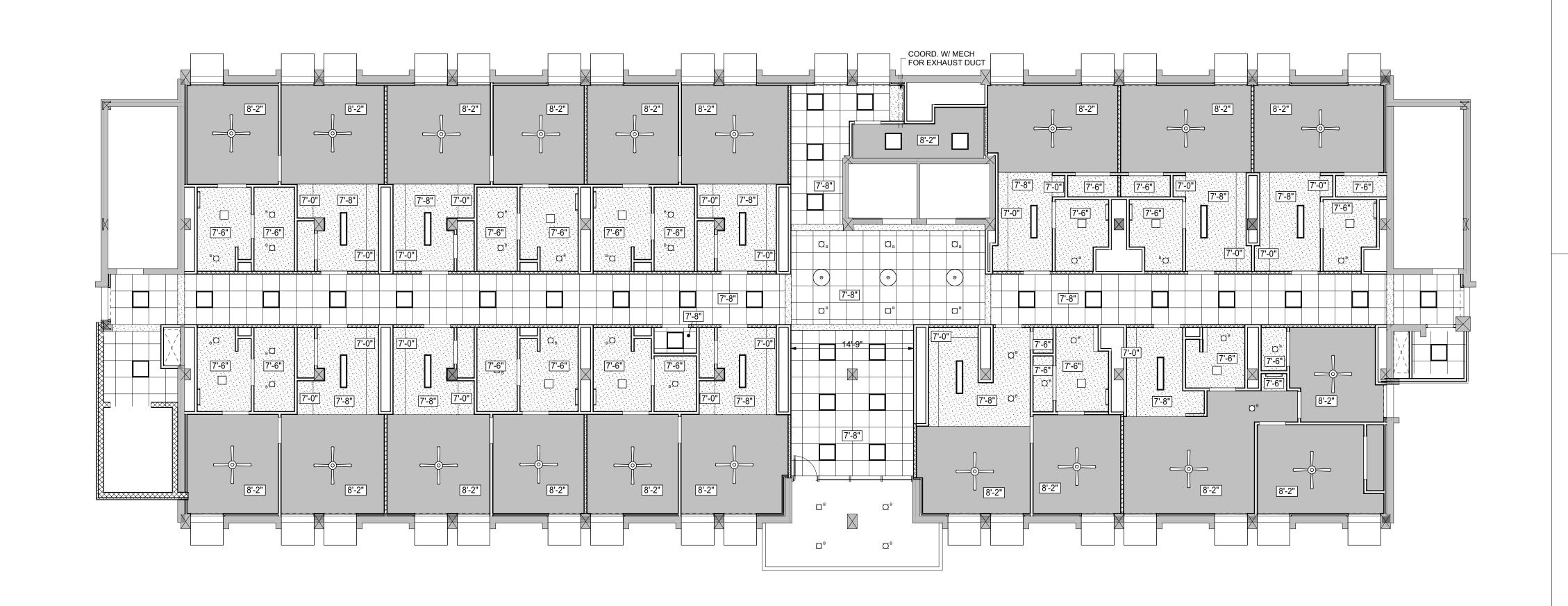
1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

TYPICAL
REFLECTED
CEILING PLAN
TYPE A- 2ND,
4TH, 5TH, 7TH,
8TH & 10TH
FLOORS



DATE: 1/10/2023
FILE: 20221006 ERVIN TOWERS

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SEALS

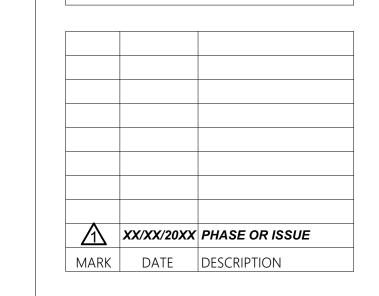


PROJECT TITLE

COMPREHENSIVE MODERNIZATION OF W.C. ERVIN TOWERS, GA001000072

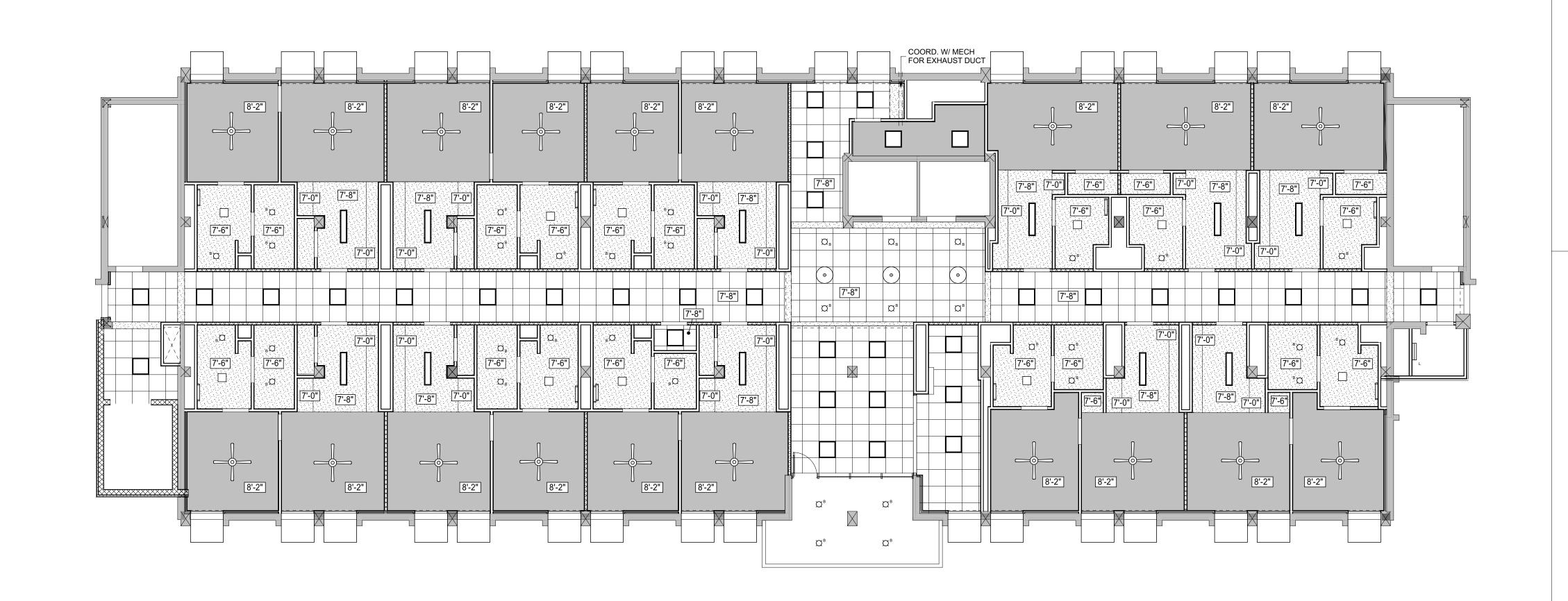
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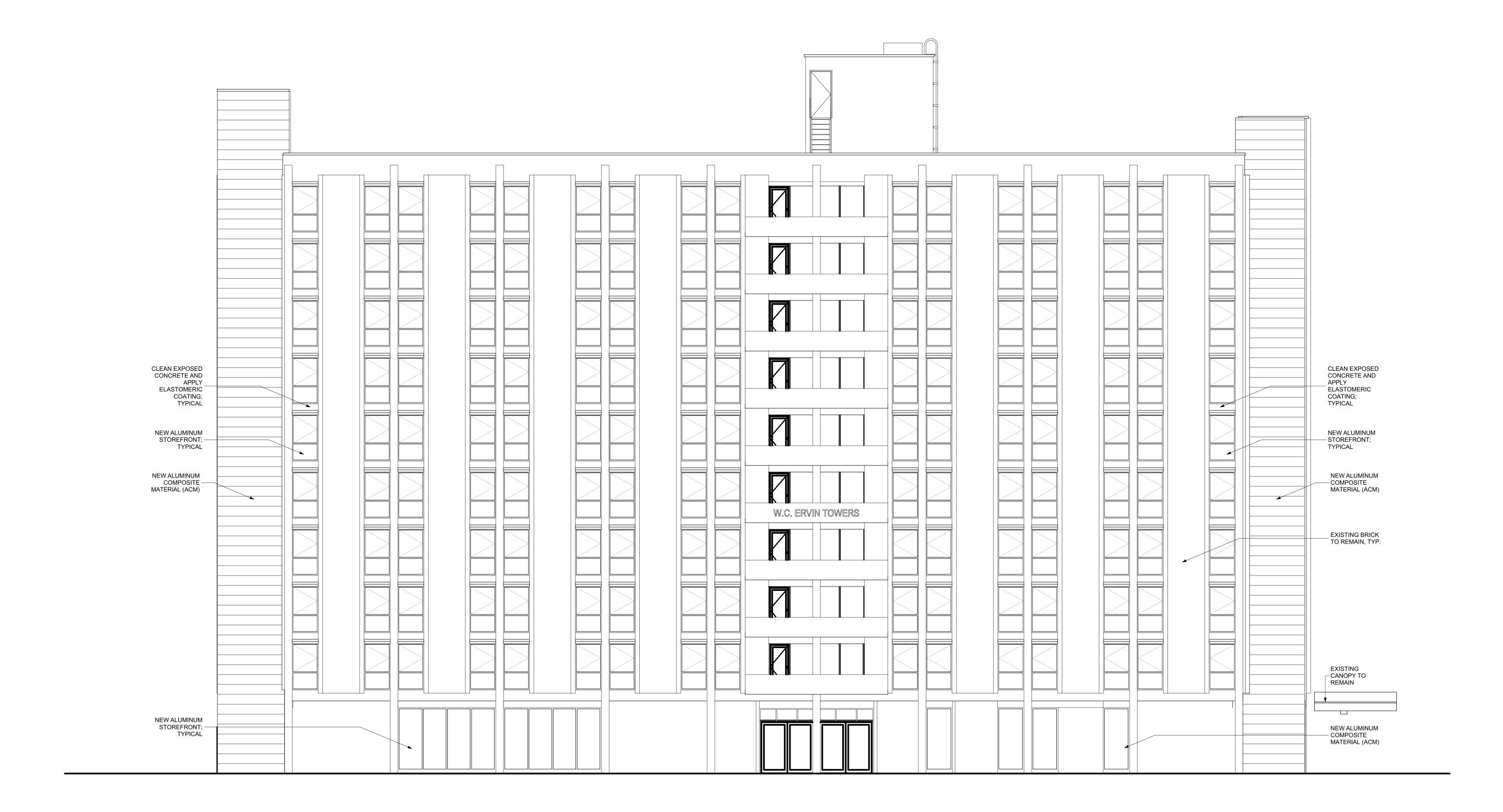
TYPICAL
REFLECTED
CEILING PLAN
TYPE B - 3RD,
6TH & 9TH
FLOORS



DATE: 1/10/2023
FILE: 20221006 ERVIN TOWERS

DRAWN BY: MD, TH







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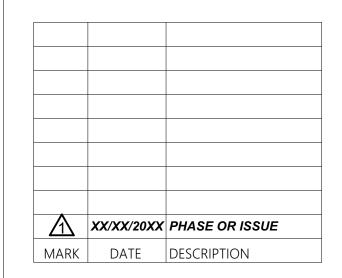
SEALS



# PROJECT TITLE W.C. ERVIN TOWERS, GA001000072

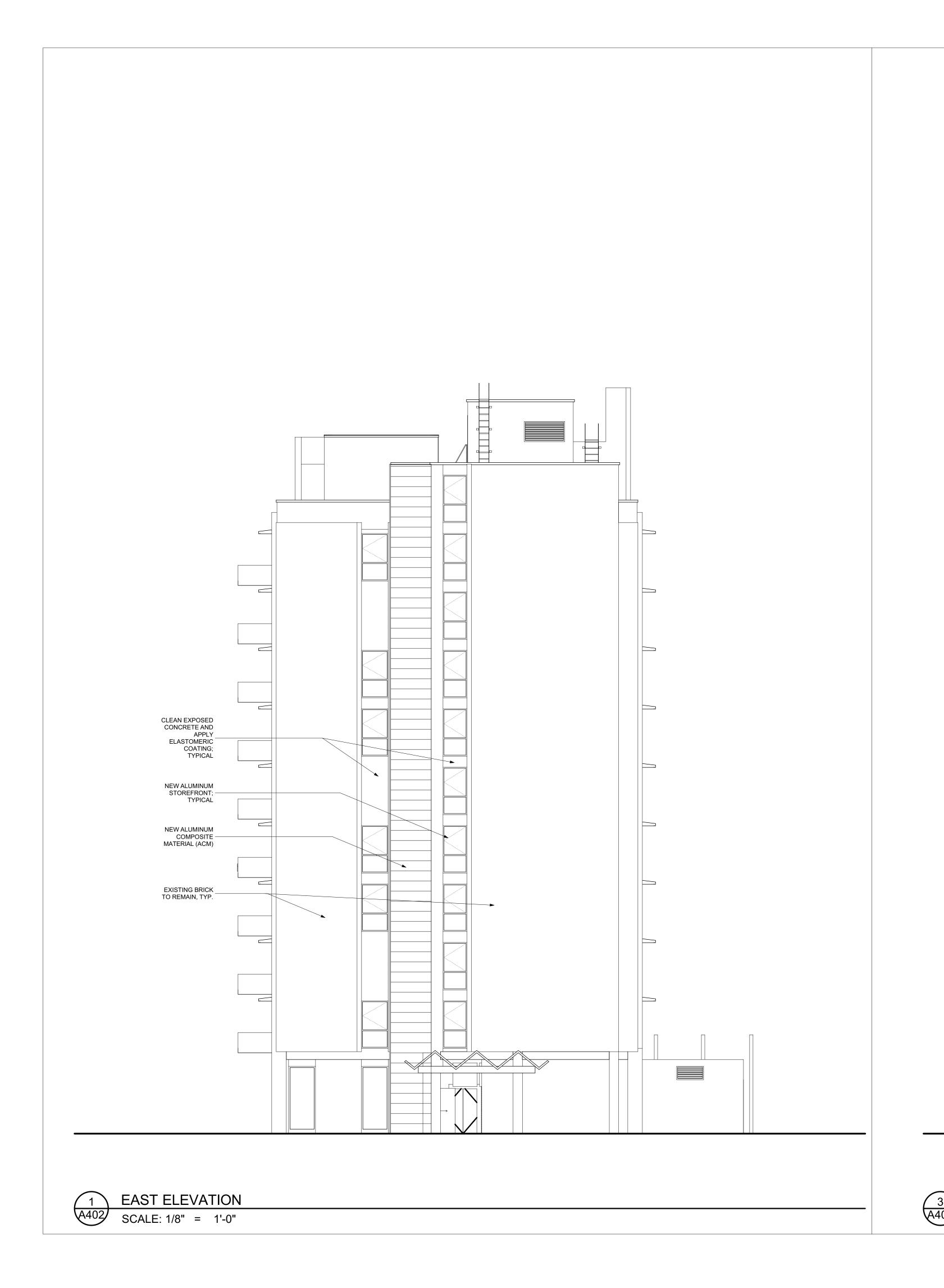
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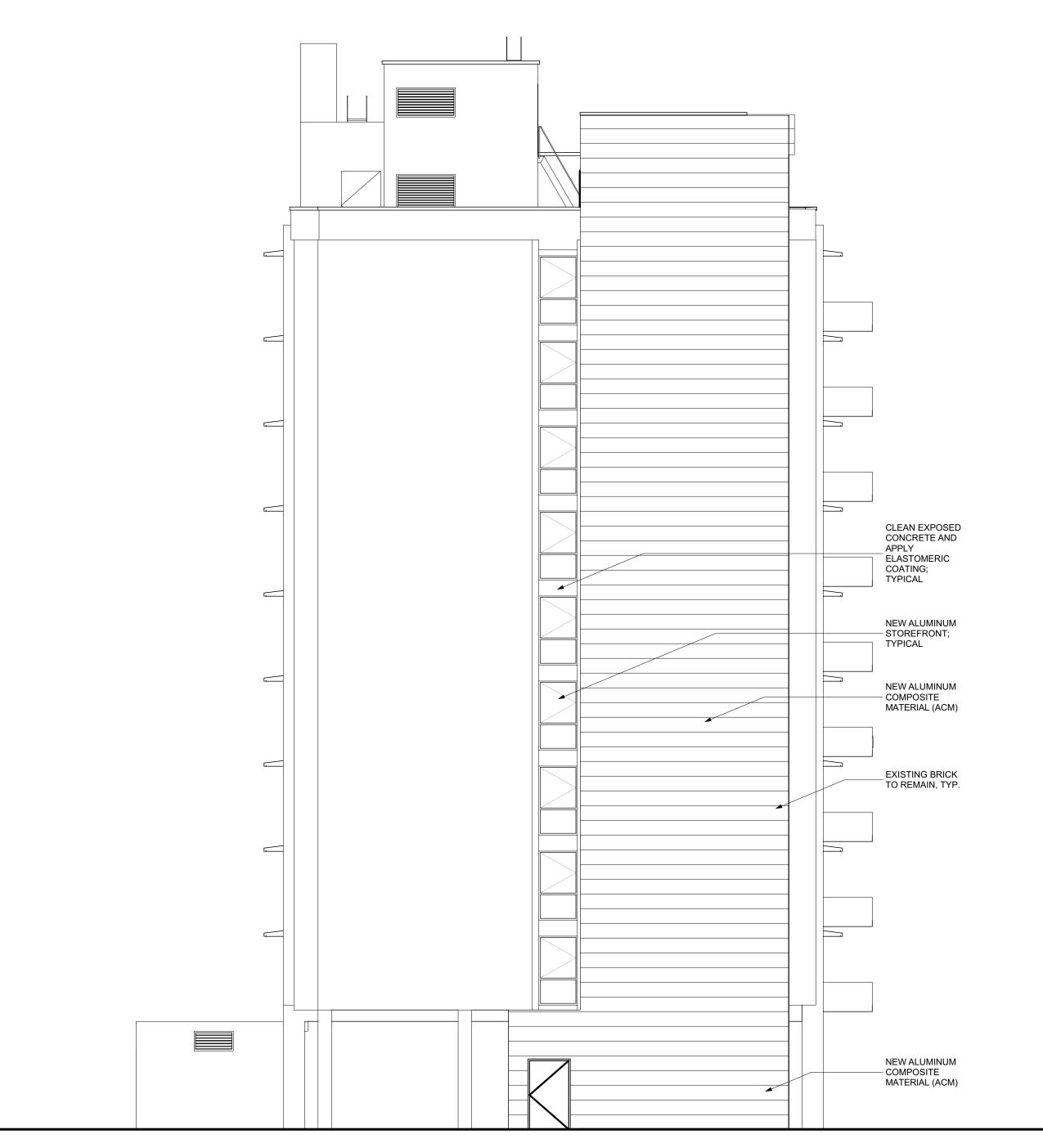
EXTERIOR ELEVATIONS

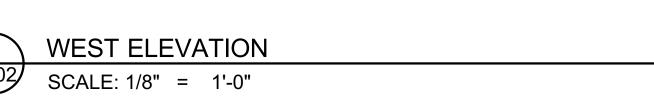


DATE: 1/10/2023 FILE: 20221006 ERVIN TOWERS DRAWN BY: MD, TH

CHK'D BY:









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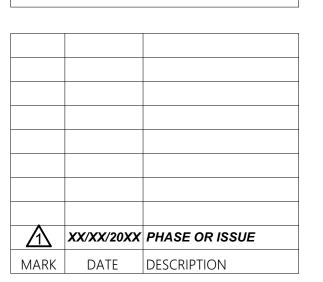
SEALS



W.C. ERVIN TOWERS, GA001000072

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

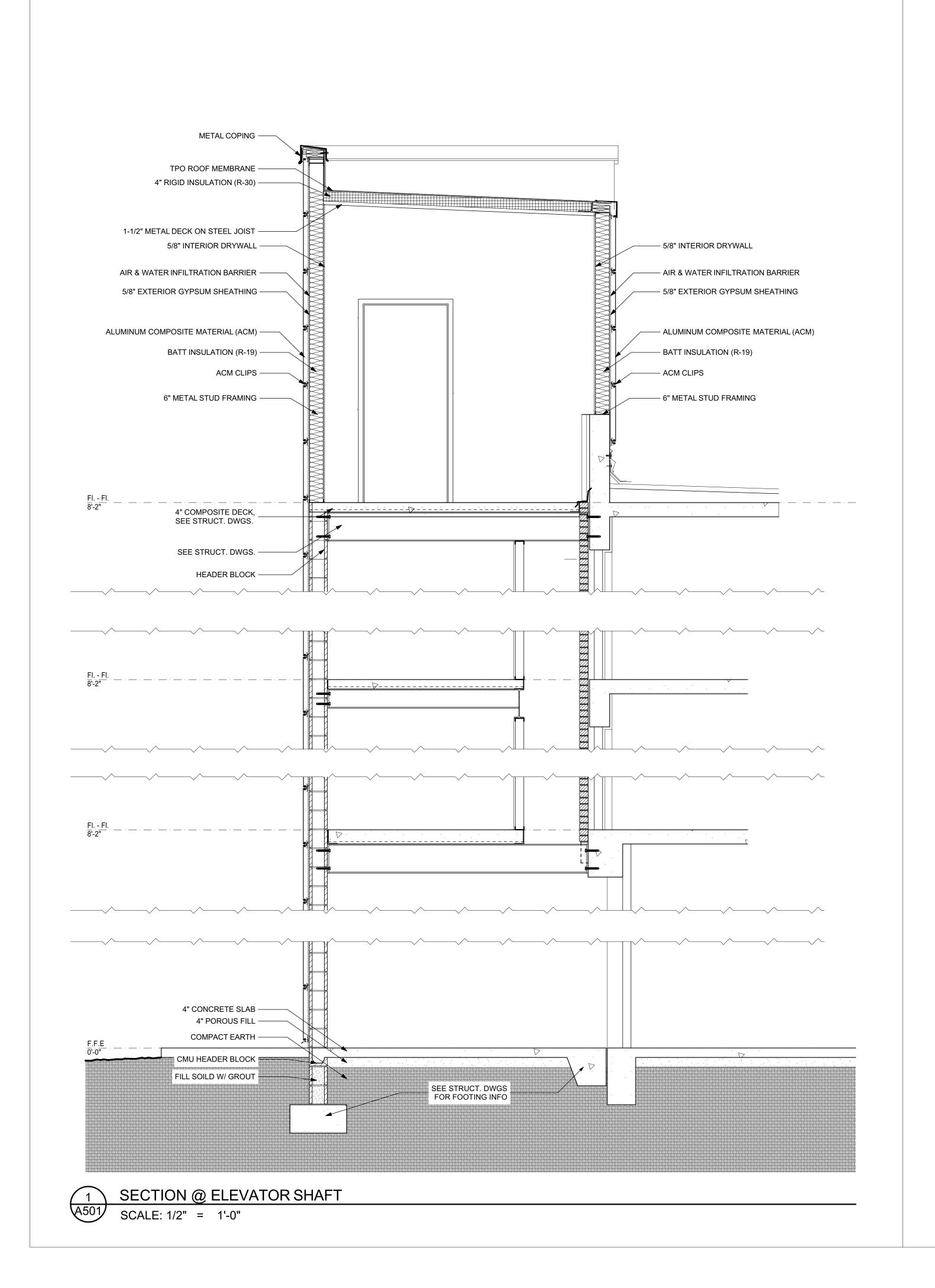
EXTERIOR ELEVATIONS

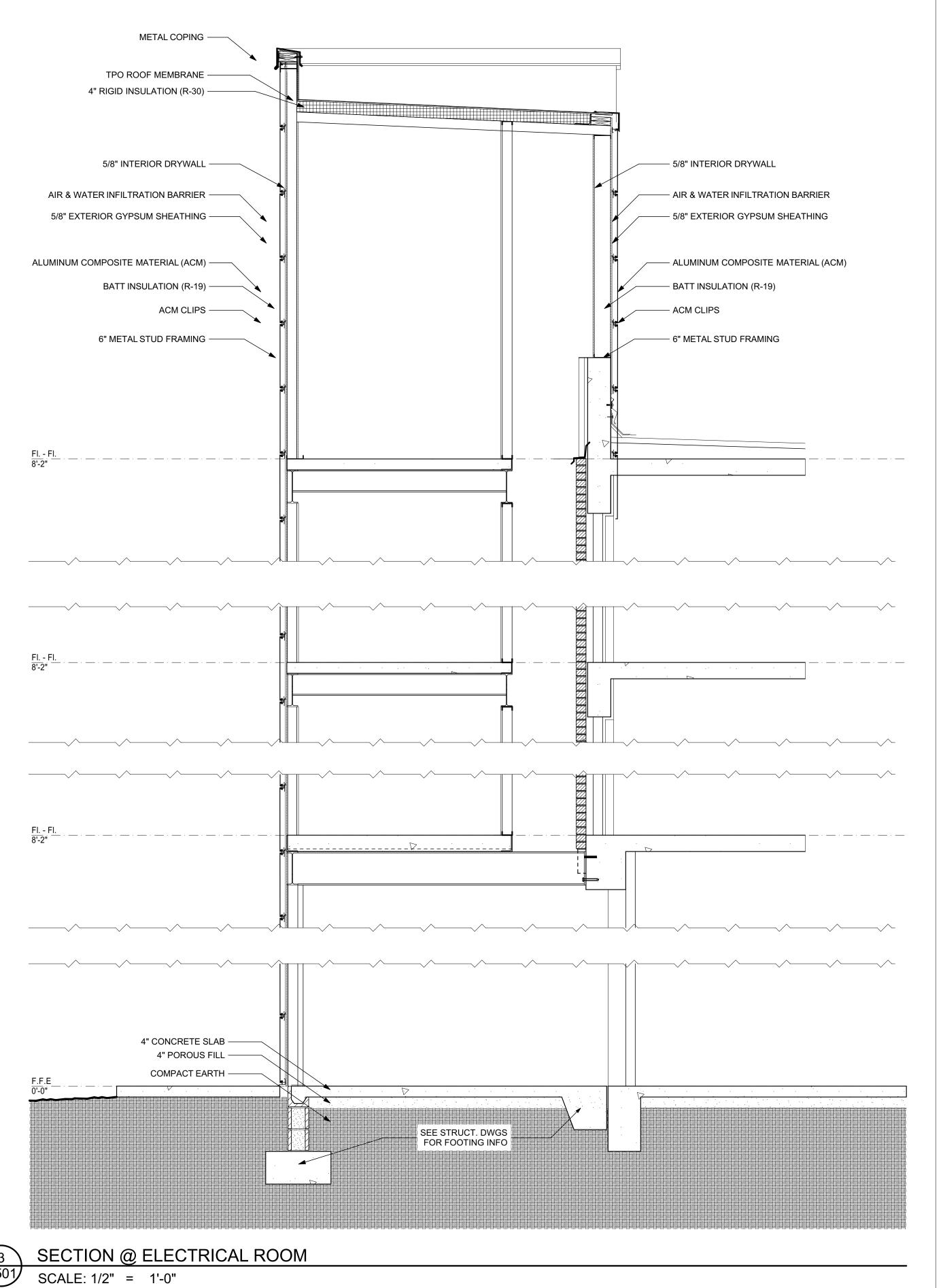


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FILE: 20221006 ERVIN TOWERS

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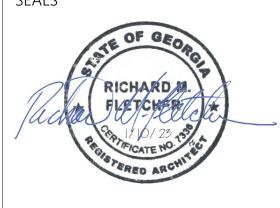




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SEALS



W.C. ERVIN TOWERS, GA001000072

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

BUILDING SECTIONS

XX/XX/20XX PHASE OR ISSUE

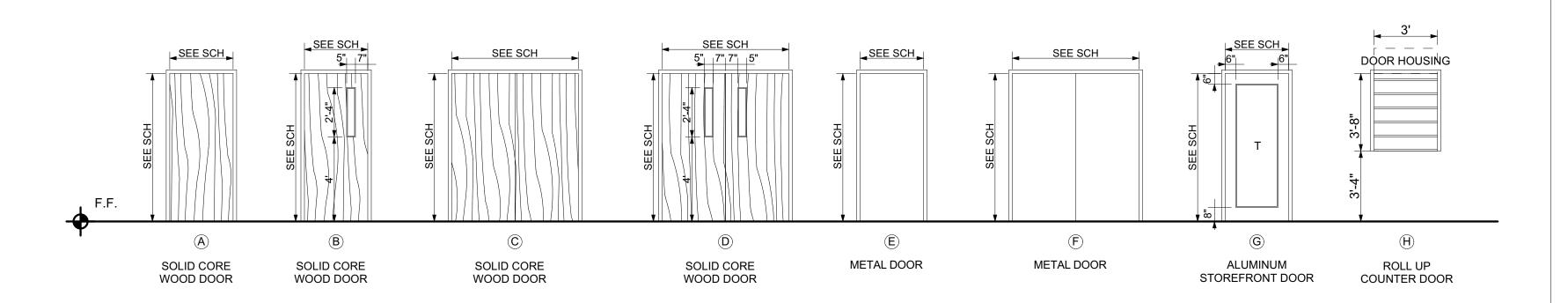
MARK DATE DESCRIPTION

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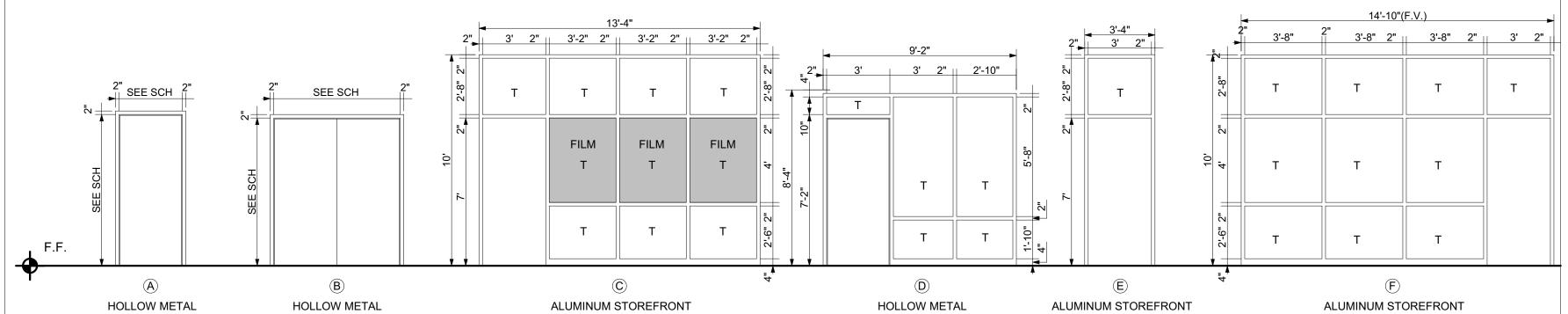
FILE: 20221006 ERVIN TOWERS

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MARK	ROOM LOCATION	DOOR			FRAME DETAIL				FIRE	NOTES		
/IAINN	NUMBER	LOCATION	TYPE	W	HT	THK	TYPE	HEAD	JAMB	SILL	RATING	NOTES
1A	123	ELEV. VEST.	Α	3'	7'	1 3/4"	Α					
2A	Α	STAIR	Α	3'	7'	1 3/4"	Α					
2B	В	STAIR	Α	3'	7'	1 3/4"	Α					
3A	Α	STAIR	Α	3'	7'	1 3/4"	Α					
3B	В	STAIR	Α	3'	7'	1 3/4"	Α					
103	103	VEST.	Α	3'	7'	1 3/4"	Α					
104.1	104.1	VEST.	Α	3'	7'	1 3/4"	Α					
104.2	104.2	MAIL	Α	3'	7'	1 3/4"	Α					
105	105	MECH.	Α	3'	7'	1 3/4"	Α					
110	110	EXERCISE	G	3'	7'	1 3/4"	С					
111.1	111	COMP.	G	3'	7'	1 3/4"	Е					
111.2	111.1	PRIV. COMP.	Α	3'	7'	1 3/4"	Α					
112	112.1	TLT.	Α	3'	7'	1 3/4"	Α					
113	113	CLO.	Α	3'	7'		Α					
114	114	CORR.	D	6'	7'		В				60 MIN.	
115.1	115	STORE	G	3'	7'	1 3/4"	С					
115.2	115.1	STOR.	Α	3'	7'	1 3/4"	Α					
116	116	TV ROOM	G	3'	7'	1 3/4"	С					
117	117	MEETING ROOM	G	3'	7'	1 3/4"	F					
118.1	118	KITCHEN	Α	3'	7'		Α					
118.2	118	KITCHEN	Н	3'	4'	1.75"						
118.3	118	KITCHEN	Α	3'	7'	1 3/4"	Α					
119	114	CORR.	С	6'	7'	1 3/4"						
120	120	STOR.	A	3'	7'	1 3/4"						
121	121	WOMEN	Α	3'	7'	1 3/4"						
122	122	MEN	Α	3'	7'	1 3/4"						
123.1	123	ELEV. VEST.	В	3'	7'	1 3/4"						
123.2	123	ELEV. VEST.	E	4'	7'	1 3/4"						
124	124	STOR.	E	3'	7'	1 3/4"						
1101	1101	ELEV. LOBBY	E	3'	7'	1 3/4"						
A14	A14	JAN.	A	3'	7'	1 3/4"						
A16	A15	ELEC.	A	3'	7'	1 3/4"						
A17	A12	DATA	Α	3'	7'	1 3/4"	-					
B14	B14	JAN.	Α	3'	7'	1 3/4"	Α					
B16	B15	ELEC.	Α	3'	7'	1 3/4"						
B17	B17	DATA	A	3'	7'	1 3/4"	· =					
A	A06	APT. ENTRY DOORS	A	3'	7'	1 3/4"	Α					
 B	, ,55	APT. BED/BATH ROOMS		3'	7'	1 3/4"						
С		APT. CLOSET	A	3'	7'	1 3/4"						
D		APT. CLOSET	C		6'-8"	1 1/4"						
E		APT. CLOSET	A	3'	7'	1 3/4"						
F		APT. CLOSET	A	2'	7'	1 3/4"						
G		APT. CLOSET	C	 5'	6'-8"	1 1/4"						



3 DOOR TYPES A601 SCALE: 1/4" = 1'-0"



8 FRAME TYPES
A601 SCALE: 1/4" = 1'-0"

CFS

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ARCHITECTS + DESIGNERS

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CEALC

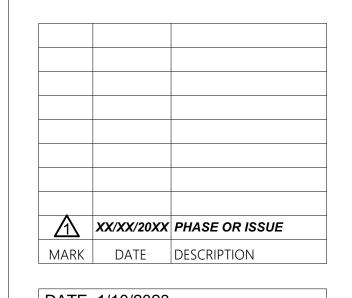


PROJECT TITLE

COMPREHENSIVE MODERNIZATION OF W.C. ERVIN TOWERS, GA001000072

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

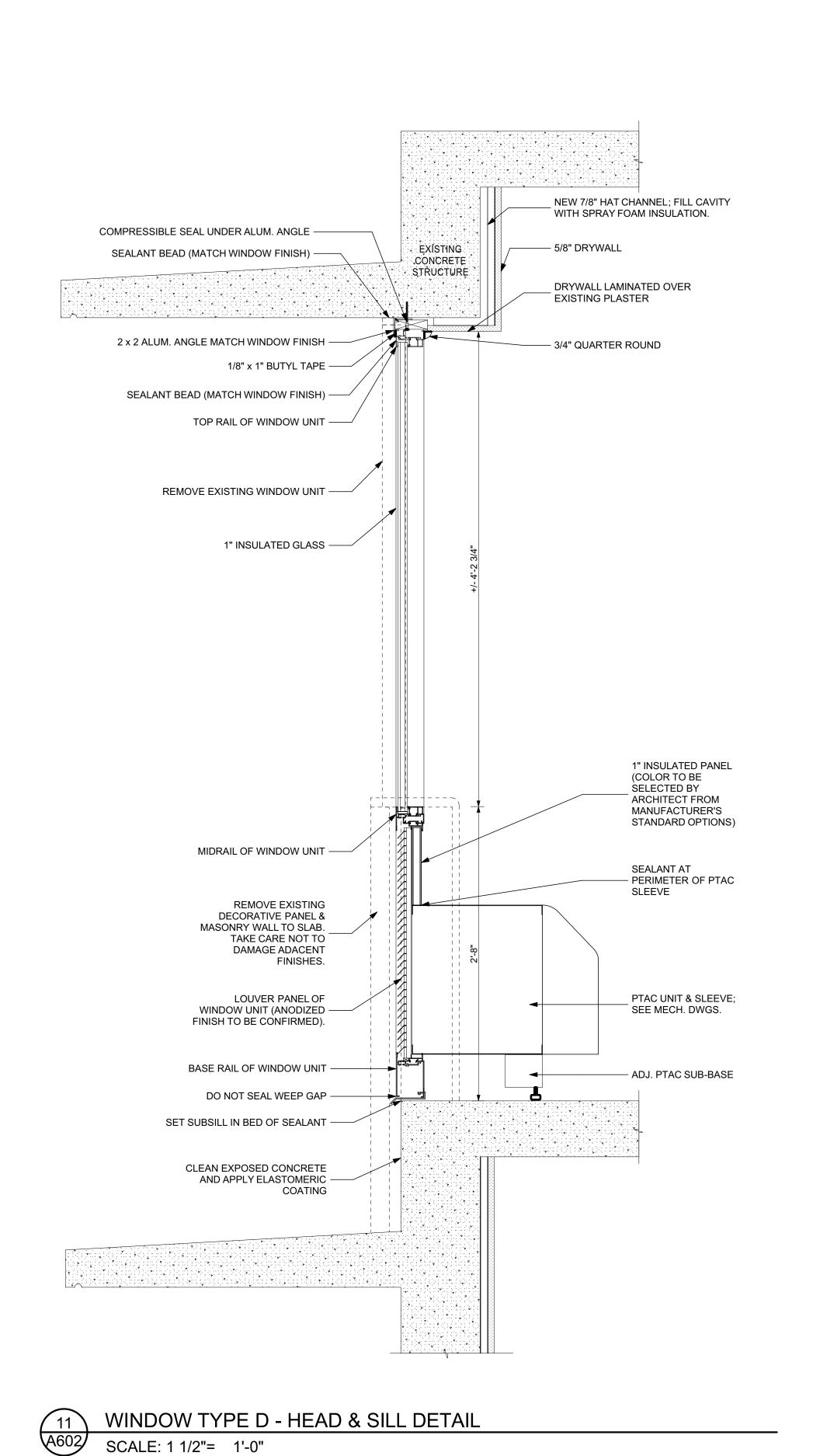
DOOR SCHEDULE & TYPES

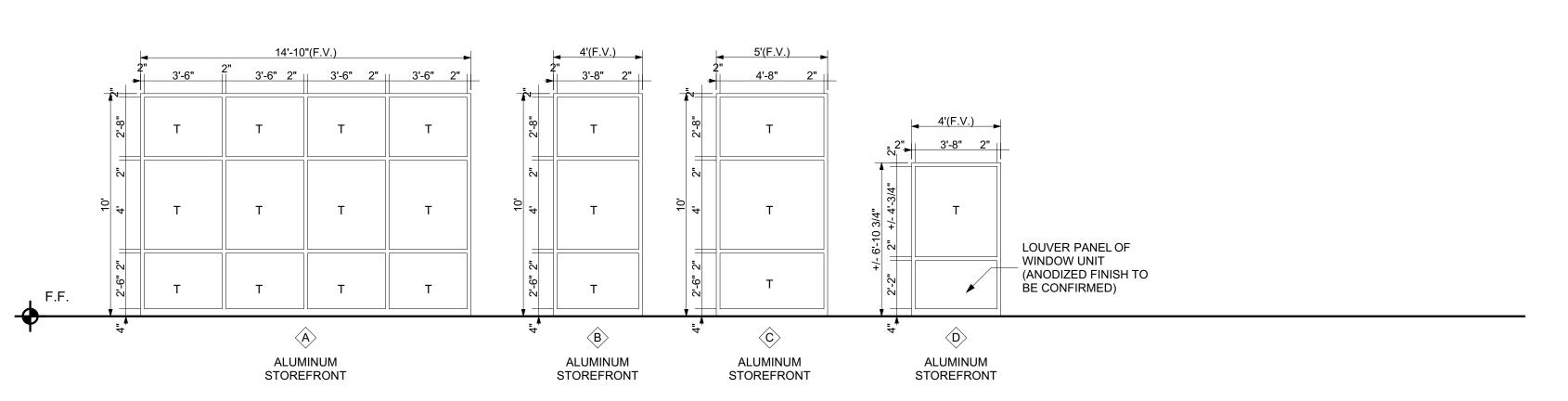


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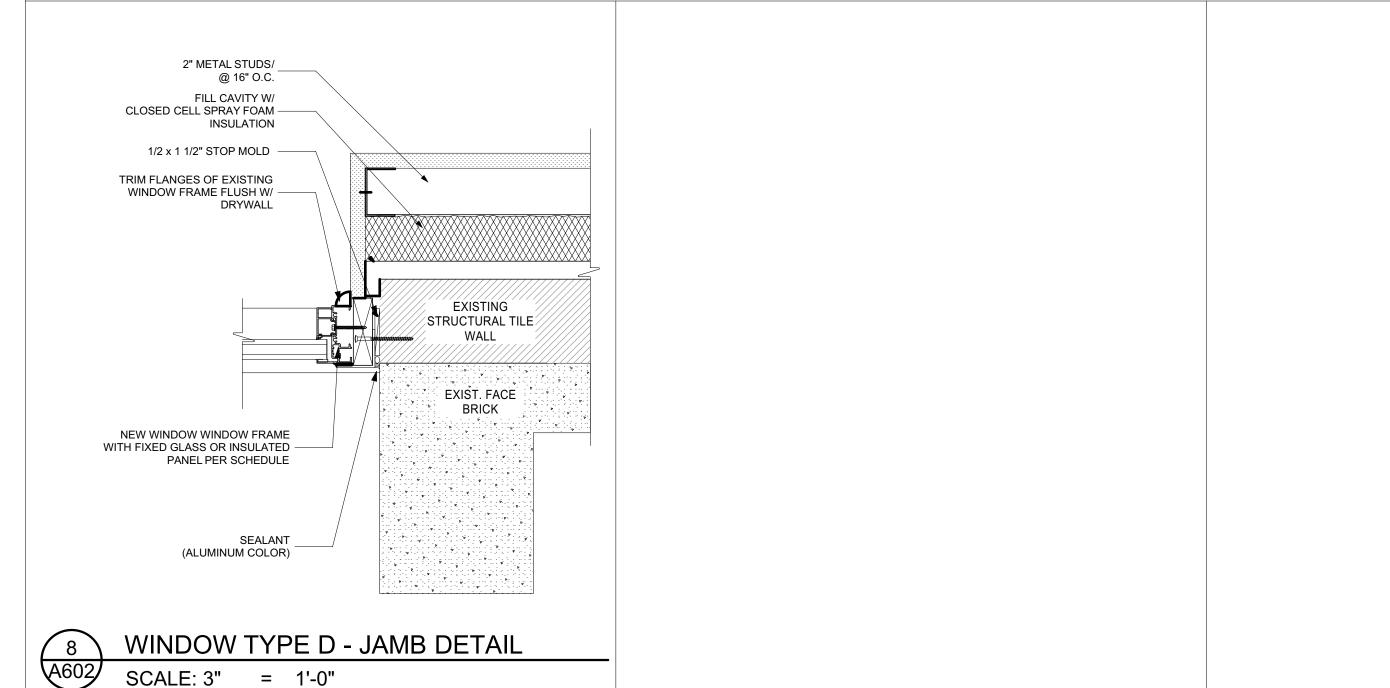
FILE: 20221006 ERVIN TOWERS

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3 FRAME TYPES
A602 SCALE: 1/4" = 1'-0"

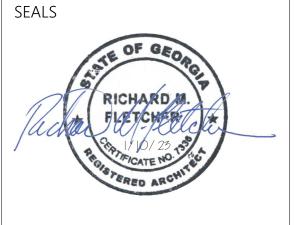


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CEALC

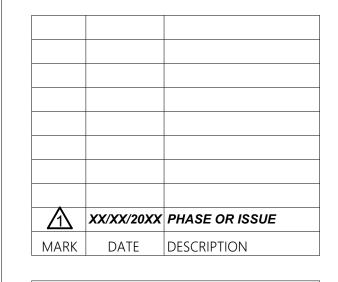


PROJECT TITLE

COMPREHENSIVE MODERNIZATION OF W.C. ERVIN TOWERS, GA001000072

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

WINDOW TYPES & DETAILS

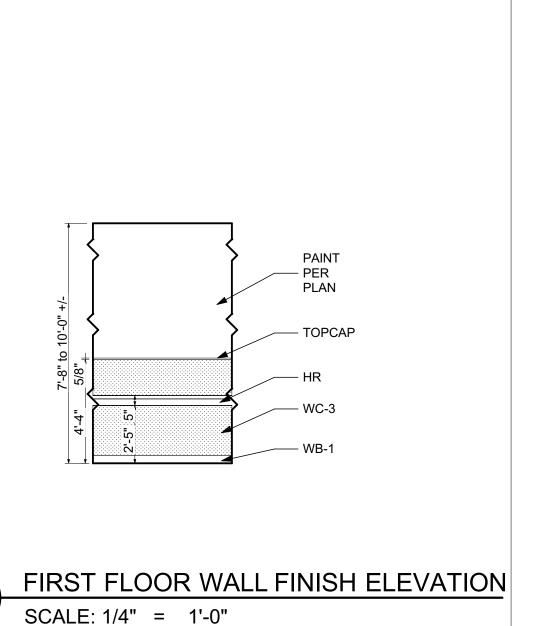


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CHK'D BY:



WC-2, ALL SIDES; 8' H

WC-2, ALL SIDES; 8' H

MEETING ROOM

₩C-2,

C1>C1> C1> B' H

ALL

SIDES;

LVT-1 WB-1

TV ROOM



#### **GENERAL NOTES:**

1. ALL APARTMENT KITCHEN CASEWORK TO BE PL-1. 2. ALL APARTMENT BATHROOM CASEWORK TO BE PL-3. 3. ALL APARTMENT COUNTER TOPS TO BE PL-2.

PT-1,WC-3

ALL SIDES

ENTRY 100

PT-3,TL-2

STORE 115

4. ALL HARD CEILINGS TO BE PAINTED PT-5. 5. ALL DOOR FRAMES TO BE PT-4, UNLESS OTHERWISE NOTED. 6. USE FLOOR LEVELER TO FEATHER LVT-1 & LVT-2 FOR BARRIER FREE TRANSITIONS TO TL-1. ONCE FEATHERED RE-EVALUATE TRANSITION STRIP PROFILES. CONFIRM SELECTION W/ INTERIOR DESIGNERS. 7. ALL EXPOSED WALL CORNERS IN COMMON AREAS TO BE PROTECTED WITH

CORNER GUARDS. 8. ALL HANDRAILS TO BE PROPERLY BLOCKED/BACKED FOR STABILITY. 9. HANDRAILS TO HAVE RETURNS WHEN STOPPING AND STARTING RUNS.

10.HANDRAILS TO UTILIZE INSIDE AND OUTSIDE CORNERS WHEN TRANSITIONING AROUND CORNERS. 11.RIGID WALL PANELS TO HAVE SPECIFIED TOP CAP AND VERTICAL DIVIDER BARS. 12. ALL EXISTING CEILINGS TO BE SCRAPED AND PROPERLY CLEANED PRIOR TO PAINTING.

13. MAKE ALL FLOORING TRANSITIONS CENTERED ON CLOSED DOOR PANEL. 14. PT-1 FOR COMMON CORRIDORS UNLESS OTHERWISE NOTED. 15. WC-4 (DINOC FILM) TO RECOVER EXISTING BLUE PANELS IN ELEVATOR CABS.

\*NO NEW FINISHES

MECH. 106

\*NO NEW

FINISHES

#### TRANSITION STRIPS

#### FLOOR TRANSITIONS

T1 (tile to LVT) MANUFACTURER:TARKETT SERIES: CTA-XX-K WHEELED TRAFFIC TRANSITION COLOR: 283 TOAST

T2 (rubber to LVT) MANUFACTURER: TARKETT SERIES: SLT-XX-B SLIM LINE TRANSITION COLOR: 283 TOAST \*contractor to verify size w/

designer T3 (walk-off carpet to tile) MANUFACTURER:TARKETT SERIES:CCA-XX COLOR:283 TOAST \*contractor to verify size w/ designer

T4 (walk-off carpet to <u>concrete)</u> MANUFACTURER:TARKETT SERIES:CTA-XX-JL COLOR:283 TOAST \*contractor to verify size w/

designer

F.E.-

**EXIST** 

MECH. 105

\*NO NEW

FINISHES

\*NO NEW

FINISHES

\*NO NEW

**FINISHES** 

#### T5 (LVT to Concrete) MANUFACTURER: TARKETT SERIES:SCC-XX-A COVE COLOR:283 TOAST \*contractor to verify size w/

#### WALL TRANSITIONS

T6 (End Transition for TL-3) MANUFACTURER:SCHLUTER SYSTEMS SERIES: SCHIENE E100 COLOR: STAINLESS STEEL 304 \*for all exposed tile edges in kitchens

T7 (transition from floor to wall tile) MANUFACTURER:SCHLUTER SYSTEMS

SERIES:DILEX COLOR: BRUSHED ANTIQUE BRONZE

PL-1 (Casework & Doors) MANUFACTURER: WILSONART SERIES: STANDARD LAMINATE

PL-2 (Counter tops) MANUFACTURER: WILSONART SERIES:HD LAMINATE COLOR:BAINBROOK GREY 1863K-55 FINISH:GLAZE FINISH PL-3 (Casework) MANUFACTURER: WILSONART

COLOR:GREY 1500-60 FINISH:MATTE FINISH PL-4 (Computer room Casework) MANUFACTURER: WILSONART SERIES:STANDARD LAMINATE

#### WALL COVERINGS & PANELS- WC

WC-1 (Shower Walls) MANUFACTURER: ALTRO SERIES: TEGULIS SIZE: 3" X 6" SUBWAY TILE DESIGN ON 8' SHEET COLOR: ALTRO WHITEROCK; STANDARD INSTALL: SEE SPEC FOR TRIMS AND CAPS

WC-2 (Common Area Corridors) MANUFACTURER:INPRO SERIES: PALLADIUM PATTERNS RIGID SHEET MATERIAL:PVC THICKNESS: .040" COLOR: WVN-01 WOVEN MINT TOP CAP: RICOCHET 5/8" SEAGRASS

WC-3 (Common Area Corridors)
MANUFACTURER:INPRO SERIES: PALLADIUM RIGID SHEET MATERIAL:PVC THICKNESS: .040"

COLOR:SEAGRASS 0230 TOP CAP: RICOCHET 5/8" SEAGRASS WC-4 (Elevator panels) MANUFACTURER:3M DINOC

SERIES: Quickship 3

MODEL: DW-1874MT

\*Wood grain matches PL-1

**BATHROOM PARTITIONS- BP (First** Floor Restrooms)

BP-1 MANUFACTURER: HINY HIDERS COLOR: NICKEL FINISH: ROTARY BRUSHED

#### HAND RAILS

MANUFACTURER:INPRO SERIES:1000 HANDRAIL MATERIAL: RIGID VINYL COLOR: WASHED WALNUT

#### **CORNER GUARDS**

<u>C1</u> MANUFACTURER:INPRO SERIES:160 HIGH IMPACT CORNER GUARD COLOR: SEAGRASS 0230

MANUFACTURER:INPRO SERIES:160 HIGH IMPACT CORNER GUARD COLOR: CLAM SHELL 0154

#### FINISH LEGEND

PORCELAIN TILE - TL

MANUFACTURER:

SERIES: VENICE

COLOR: RIALTO GRIP

ER dist. by TEC-ARTE

COLOR: RIALTO GRIP

GROUT:CUSTOM BUILDING

PRODUCTS; #543 DRIFTWOOD;

INSTALLATION: VERTICAL STACK

TL-3 (Kitchen Backsplash & Staff

MANUFACTURER: DALTILE

SERIES: COLOR WHEEL

SIZE: 3X6 SUBWAY TILE

COLOR: 0190 ARCTIC WHITE

GROUT:CUSTOM BUILDING

INSTALLATION: BRICKLAY

MANUFACTURER: TARKETT

MANUFACTURER: TARKETT

SERIES: CONTOUR; PCWR

COLOR: 0977 ARROWROOT

INSTALLATION: REFER TO FLOOR

WOVEN REED; 32 MIL

SERIES: ID LATITUDE WOOD;

INSTALLATION: REFER TO FLOOR

PRODUCTS; #642 ASH; EPOXY

SERIES: VENICE

GROUT:CUSTOM BUILDING

PRODUCTS; #543 DRIFTWOOD;

INSTALLATION: REFER TO FLOOR

MANUFACTURER:UNICOMSTARK

SIZE:24X24

PATTERN PLAN

<u>TL-2 (Wall)</u>

SIZE:12X24

CLASSICS:

LUXURY VINYL TILE - LVT

LVT-1 (Field)

PLWD 4694; 20 MIL.

COLOR:SCOUT

PATTERN PLANS

LVT-2 (Accent)

SIZE:6X36

PATTERN PLANS

SIZE:6x48

FINISH: GLOSSY

UNICOMSTARKER dist. by TEC-

PT-1 (Field) MANUFACTURER: SHERWIN WILLIAMS COLOR: SW 6191 CONTENTED FINISH: SATIN

PAINT - PT

PT-2 (Existing store front - apartment floors) MANUFACTURER: SHERWIN WILLIAMS COLOR: SW7048 URBANE BRONZE FINISH: SEMI-GLOSS PT-3 (Field)

MANUFACTURER: BENJAMIN MOORE COLOR: OC-18 DOVE WING FINISH: SATIN PT-4 (Frames for match to PT-3) MANUFACTURER:BENJAMIN MOORE

COLOR: OC-18 DOVE WING FINISH: SEMI-GLOSS PT-5 (Hard Ceiling) MANUFACTURER: SHERWIN WILLIAMS COLOR: SW 7757 HIGH REFLECTIVE

WHITE FINISH: FLAT SOLID SURFACE-SS

MANUFACTURER: CORIAN SOLID SURFACE \*contractor to verify size w/ COLOR: LINEN

#### PLASTIC LAMINATE - PL

COLOR: PINNACLE WALNUT 7992-38 FINISH: FINE VELVET FINISH

SERIES:STANDARD LAMINATE

COLOR:ORGANIC COTTON 4945 FINISH:MATTE FINISH

RUBBER SHEET FLOORING - RSF MANUFACTURER: ALTRO SERIES:ALTRO AQUARIUS COLOR:LIGHTHOUSE PX2001 INSTALLATION: TURN UP 4" ON

WALK OFF CARPET- WCP

MANUFACTURER:MILLIKEN SERIES:OBEX CUTX COLOR:FZX5-27 FIZZ; GREY INSTALLATION: REFER TO FLOOR PATTERN PLANS

#### CONCRETE-SC

#### <u>SC-1</u> SEALED CONCRETE

#### **WB-WALL BASE**

MANUFACTURER: TARKETT STYLE: TIGHTLOCK RESILIENT 4 3/8" RUBBER WALL BASE COLOR: 283 TOAST

MANUFACTURER: DALTILE SERIES: PORTFOLIO SIZE: 6"X12" COVE BASE COLOR: ASH GREY PF04 GROUT: CUSTOM BUILDING PRODUCTS; #543 DRIFTWOOD; EPOXY

WB-3 MANUFACTURER: ALTRO SERIES: ALTRO AQUARIUS COLOR: LIGHTHOUSE PX2001 INSTALLATION: TURN UP 4" ON WALL

Cheatham Fletcher Scott ARCHITECTS + DESIGNERS

420 Eighth St, Augusta, Georgia 30901

P: 706-724-2668 W: cfsarchitects.com

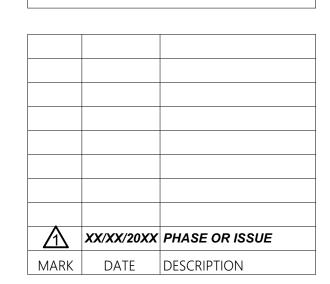


PROJECT TITLE

**COMPREHENSIVE MODERNIZATION** OF W.C. ERVIN TOWERS, GA001000072

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

FIRST FLOOR FINISH PLAN

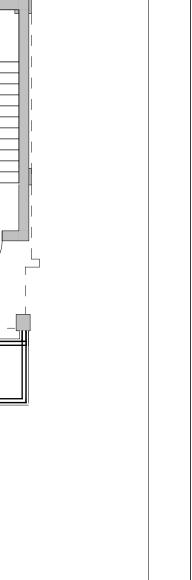


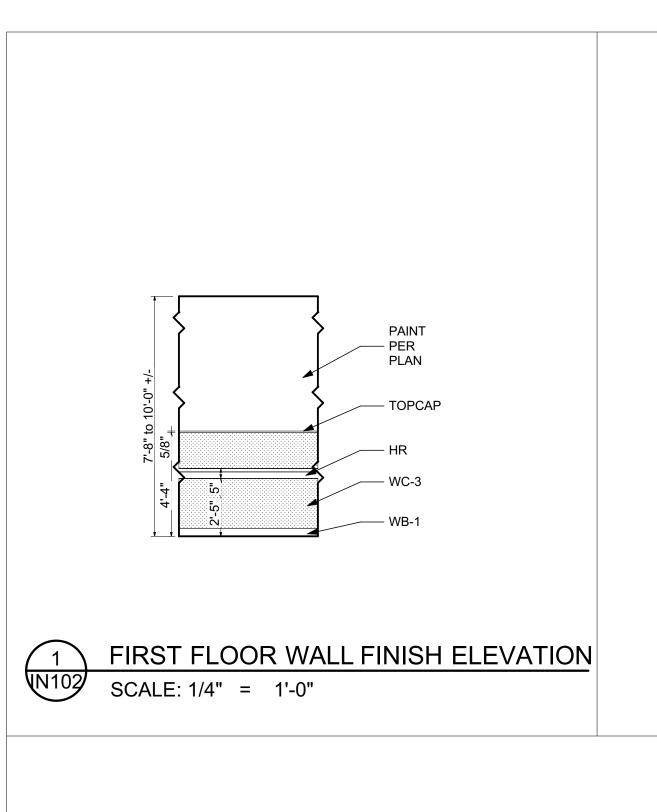
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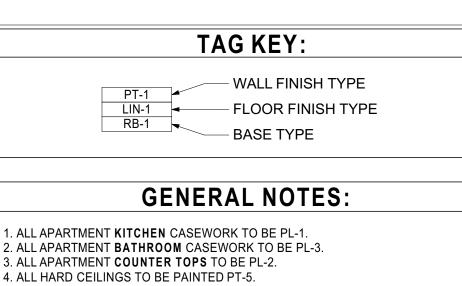
DRAWN BY: MD, TH CHK'D BY:

**IN101** 









2. ALL APARTMENT BATHROOM CASEWORK TO BE PL-3. 3. ALL APARTMENT COUNTER TOPS TO BE PL-2. 4. ALL HARD CEILINGS TO BE PAINTED PT-5. 5. ALL DOOR FRAMES TO BE PT-4, UNLESS OTHERWISE NOTED. 6. USE FLOOR LEVELER TO FEATHER LVT-1 & LVT-2 FOR BARRIER FREE TRANSITIONS TO TL-1. ONCE FEATHERED RE-EVALUATE TRANSITION STRIP PROFILES. CONFIRM

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designer T3 (walk-off carpet to tile) MANUFACTURER:TARKETT SERIES:CCA-XX COLOR:283 TOAST \*contractor to verify size w/ designer

T4 (walk-off carpet to <u>concrete)</u> MANUFACTURER:TARKETT SERIES:CTA-XX-JL COLOR:283 TOAST \*contractor to verify size w/ designer

T5 (LVT to Concrete) MANUFACTURER: TARKETT SERIES:SCC-XX-A COVE COLOR:283 TOAST \*contractor to verify size w/ designer

#### **WALL TRANSITIONS**

T6 (End Transition for TL-3) MANUFACTURER:SCHLUTER SYSTEMS

SERIES: SCHIENE E100 COLOR: STAINLESS STEEL 304 \*for all exposed tile edges in kitchens

T7 (transition from floor to wall tile) MANUFACTURER:SCHLUTER SYSTEMS SERIES:DILEX

COLOR: BRUSHED ANTIQUE BRONZE \*contractor to verify size w/

PL-1 (Casework & Doors) MANUFACTURER: WILSONART SERIES: STANDARD LAMINATE FINISH: FINE VELVET FINISH

PL-2 (Counter tops) MANUFACTURER: WILSONART SERIES:HD LAMINATE COLOR:BAINBROOK GREY 1863K-55 FINISH:GLAZE FINISH

WC-1 (Shower Walls) MANUFACTURER: ALTRO SERIES: TEGULIS SIZE: 3" X 6" SUBWAY TILE DESIGN ON 8' SHEET COLOR: ALTRO WHITEROCK; STANDARD INSTALL: SEE SPEC FOR TRIMS AND CAPS

WC-2 (Common Area Corridors) MANUFACTURER:INPRO SERIES: PALLADIUM PATTERNS RIGID SHEET MATERIAL:PVC THICKNESS: .040" COLOR: WVN-01 WOVEN MINT TOP CAP: RICOCHET 5/8" SEAGRASS

WC-3 (Common Area Corridors)
MANUFACTURER:INPRO SERIES: PALLADIUM RIGID SHEET MATERIAL:PVC THICKNESS: .040" COLOR:SEAGRASS 0230 TOP CAP: RICOCHET 5/8" SEAGRASS

MANUFACTURER:3M DINOC SERIES: Quickship 3 MODEL: DW-1874MT \*Wood grain matches PL-1

WC-4 (Elevator panels)

**BATHROOM PARTITIONS- BP (First** Floor Restrooms)

BP-1 MANUFACTURER: HINY HIDERS COLOR: NICKEL FINISH: ROTARY BRUSHED

#### HAND RAILS

MANUFACTURER:INPRO SERIES:1000 HANDRAIL MATERIAL: RIGID VINYL COLOR: WASHED WALNUT

#### **CORNER GUARDS**

C1 MANUFACTURER:INPRO SERIES:160 HIGH IMPACT CORNER GUARD COLOR: SEAGRASS 0230

MANUFACTURER:INPRO SERIES:160 HIGH IMPACT CORNER GUARD COLOR: CLAM SHELL 0154

#### **FINISH LEGEND**

PORCELAIN TILE - TL

TL-1(Field) MANUFACTURER:

SIZE:24X24

PATTERN PLAN

<u>TL-2 (Wall)</u>

SIZE:12X24

CLASSICS:

LUXURY VINYL TILE - LVT

LVT-1 (Field)

PLWD 4694; 20 MIL.

COLOR:SCOUT

PATTERN PLANS

LVT-2 (Accent)

SIZE:6X36

PATTERN PLANS

SIZE:6x48

SERIES: VENICE

COLOR: RIALTO GRIP

ER dist. by TEC-ARTE

COLOR: RIALTO GRIP

GROUT:CUSTOM BUILDING

PRODUCTS; #543 DRIFTWOOD;

INSTALLATION: VERTICAL STACK

TL-3 (Kitchen Backsplash & Staff

MANUFACTURER: DALTILE

SERIES: COLOR WHEEL

SIZE: 3X6 SUBWAY TILE

FINISH: GLOSSY

COLOR: 0190 ARCTIC WHITE

GROUT:CUSTOM BUILDING

INSTALLATION: BRICKLAY

MANUFACTURER: TARKETT SERIES: ID LATITUDE WOOD;

MANUFACTURER: TARKETT

SERIES: CONTOUR; PCWR

COLOR: 0977 ARROWROOT

INSTALLATION: REFER TO FLOOR

WOVEN REED; 32 MIL

INSTALLATION: REFER TO FLOOR

PRODUCTS; #642 ASH; EPOXY

SERIES: VENICE

GROUT:CUSTOM BUILDING

PRODUCTS; #543 DRIFTWOOD;

INSTALLATION: REFER TO FLOOR

MANUFACTURER:UNICOMSTARK

UNICOMSTARKER dist. by TEC-

PT-1 (Field) MANUFACTURER: SHERWIN WILLIAMS COLOR: SW 6191 CONTENTED FINISH: SATIN

PAINT - PT

PT-2 (Existing store front - apartment floors) MANUFACTURER: SHERWIN WILLIAMS COLOR: SW7048 URBANE BRONZE FINISH: SEMI-GLOSS PT-3 (Field)

MANUFACTURER:BENJAMIN MOORE COLOR: OC-18 DOVE WING FINISH: SATIN PT-4 (Frames for match to PT-3) MANUFACTURER:BENJAMIN MOORE

COLOR: OC-18 DOVE WING FINISH: SEMI-GLOSS PT-5 (Hard Ceiling) MANUFACTURER: SHERWIN WILLIAMS COLOR: SW 7757 HIGH REFLECTIVE

WHITE FINISH: FLAT SOLID SURFACE-SS

MANUFACTURER: CORIAN SOLID SURFACE COLOR: LINEN

#### PLASTIC LAMINATE - PL

COLOR: PINNACLE WALNUT 7992-38

PL-3 (Casework)

MANUFACTURER: WILSONART SERIES:STANDARD LAMINATE COLOR:GREY 1500-60 FINISH:MATTE FINISH PL-4 (Computer room Casework) MANUFACTURER: WILSONART SERIES:STANDARD LAMINATE COLOR:ORGANIC COTTON 4945

#### WALL COVERINGS & PANELS- WC

FINISH:MATTE FINISH

RUBBER SHEET FLOORING - RSF MANUFACTURER: ALTRO SERIES:ALTRO AQUARIUS COLOR:LIGHTHOUSE PX2001 INSTALLATION: TURN UP 4" ON

#### WALK OFF CARPET- WCP

MANUFACTURER:MILLIKEN SERIES:OBEX CUTX COLOR:FZX5-27 FIZZ; GREY INSTALLATION: REFER TO FLOOR PATTERN PLANS

#### CONCRETE-SC

#### <u>SC-1</u> SEALED CONCRETE

#### **WB-WALL BASE**

MANUFACTURER: TARKETT STYLE: TIGHTLOCK RESILIENT 4 3/8" RUBBER WALL BASE COLOR: 283 TOAST

MANUFACTURER: DALTILE SERIES: PORTFOLIO SIZE: 6"X12" COVE BASE COLOR: ASH GREY PF04 GROUT: CUSTOM BUILDING PRODUCTS; #543 DRIFTWOOD; EPOXY

WB-3 MANUFACTURER: ALTRO SERIES: ALTRO AQUARIUS COLOR: LIGHTHOUSE PX2001 INSTALLATION: TURN UP 4" ON WALL

Cheatham Fletcher Scott ARCHITECTS + DESIGNERS

420 Eighth St, Augusta, Georgia 30901 P: 706-724-2668 W: cfsarchitects.com

SEALS

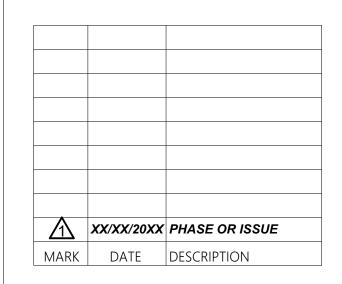


PROJECT TITLE

**COMPREHENSIVE MODERNIZATION** OF W.C. ERVIN TOWERS, GA001000072

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

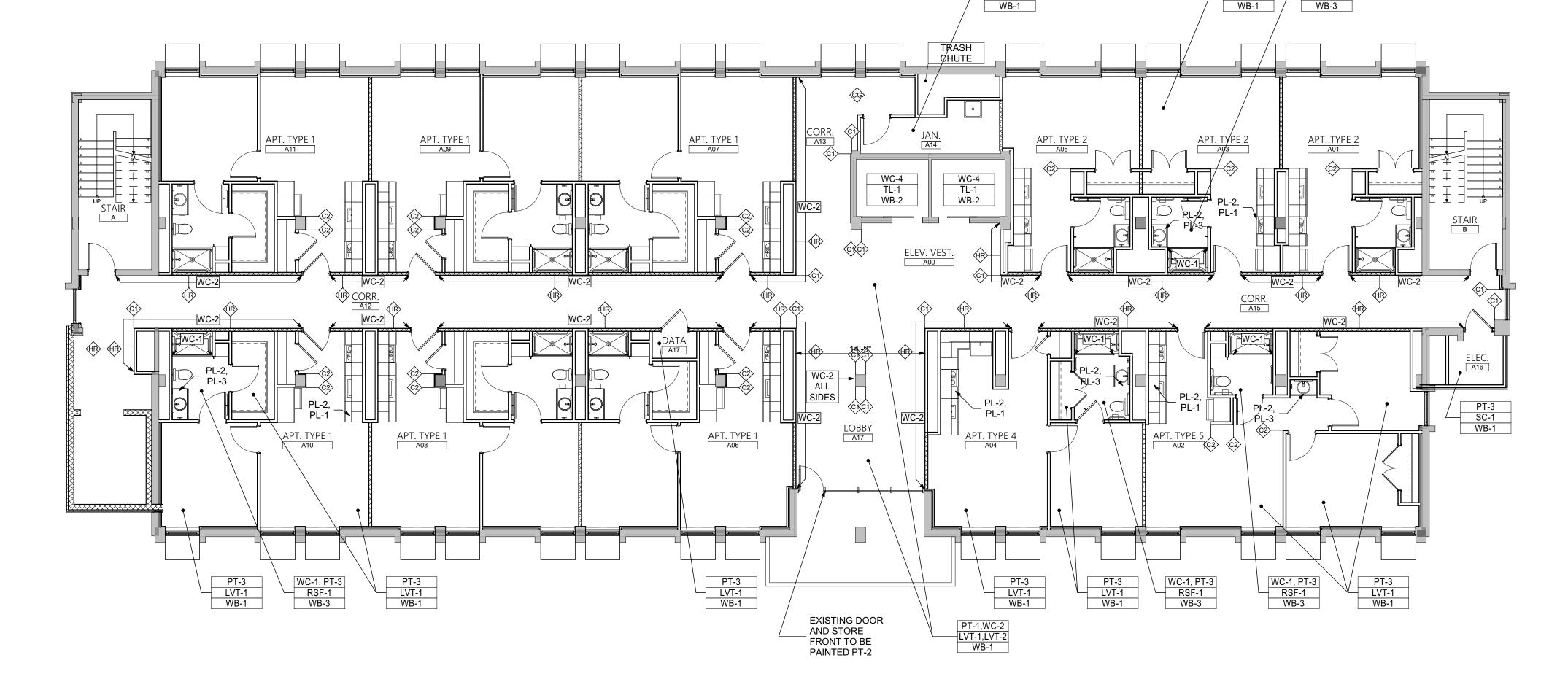
TYPICAL FINISH PLAN TYPE A-2ND, 4TH, 5TH, 7TH, 8TH & 10TH **FLOORS** 

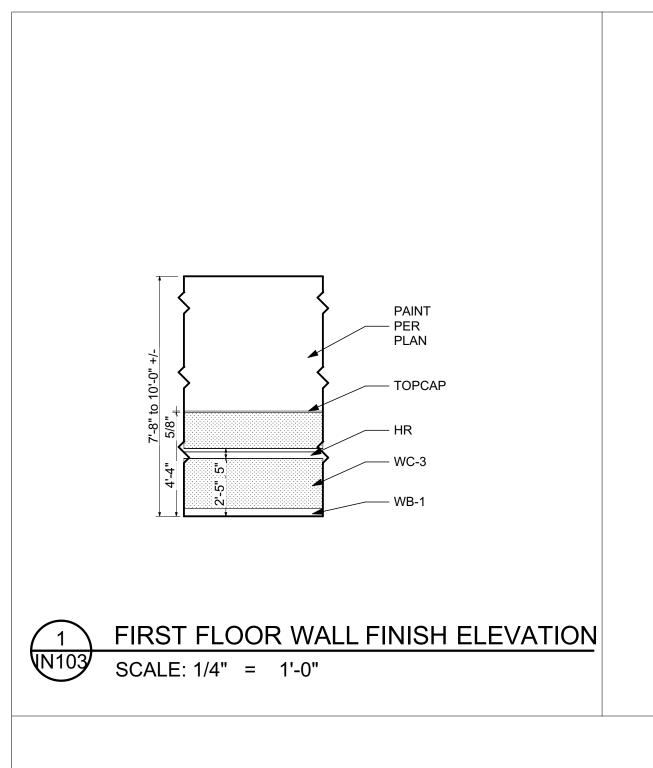


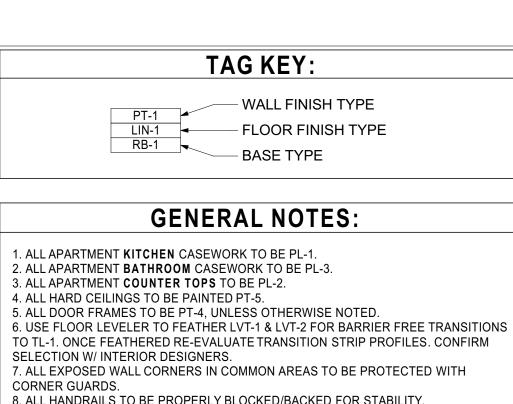
DATE: 1/10/2023 FILE: 20221006 ERVIN TOWERS

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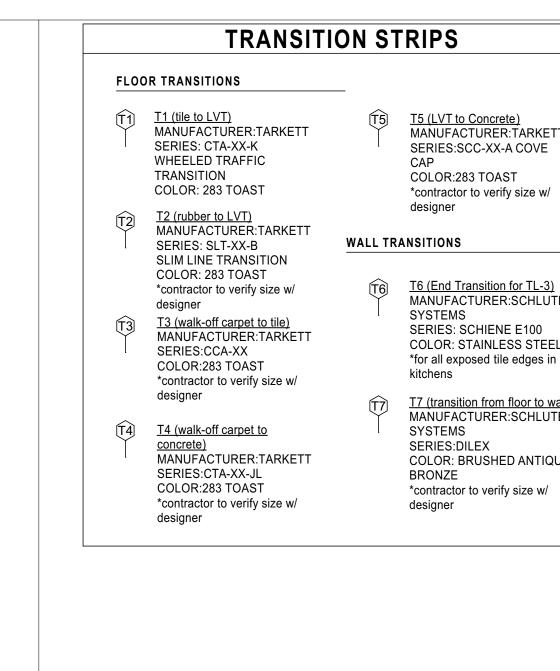
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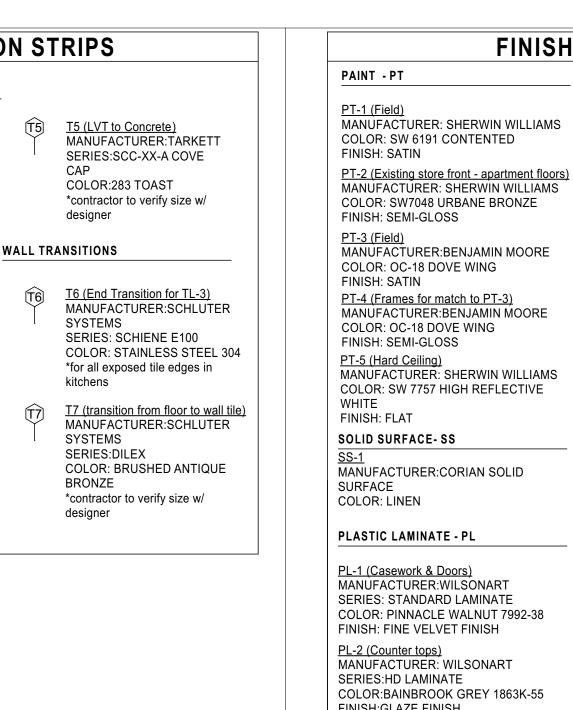


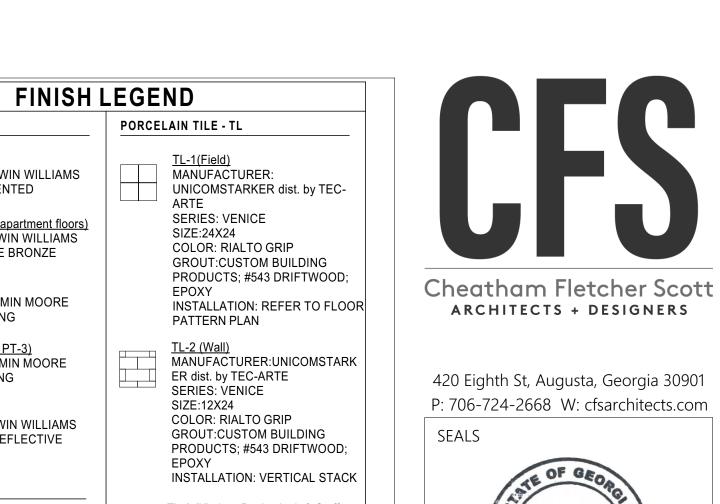




8. ALL HANDRAILS TO BE PROPERLY BLOCKED/BACKED FOR STABILITY. 9. HANDRAILS TO HAVE RETURNS WHEN STOPPING AND STARTING RUNS. 10.HANDRAILS TO UTILIZE INSIDE AND OUTSIDE CORNERS WHEN TRANSITIONING AROUND CORNERS. 11.RIGID WALL PANELS TO HAVE SPECIFIED TOP CAP AND VERTICAL DIVIDER BARS. 12. ALL EXISTING CEILINGS TO BE SCRAPED AND PROPERLY CLEANED PRIOR TO 13. MAKE ALL FLOORING TRANSITIONS CENTERED ON CLOSED DOOR PANEL. 14. PT-1 FOR COMMON CORRIDORS UNLESS OTHERWISE NOTED. 15. WC-4 (DINOC FILM) TO RECOVER EXISTING BLUE PANELS IN ELEVATOR CABS.







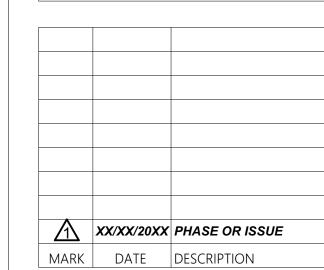
P: 706-724-2668 W: cfsarchitects.com RICHARD FILETCHER

PROJECT TITLE

**COMPREHENSIVE MODERNIZATION** OF W.C. ERVIN TOWERS, GA001000072

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

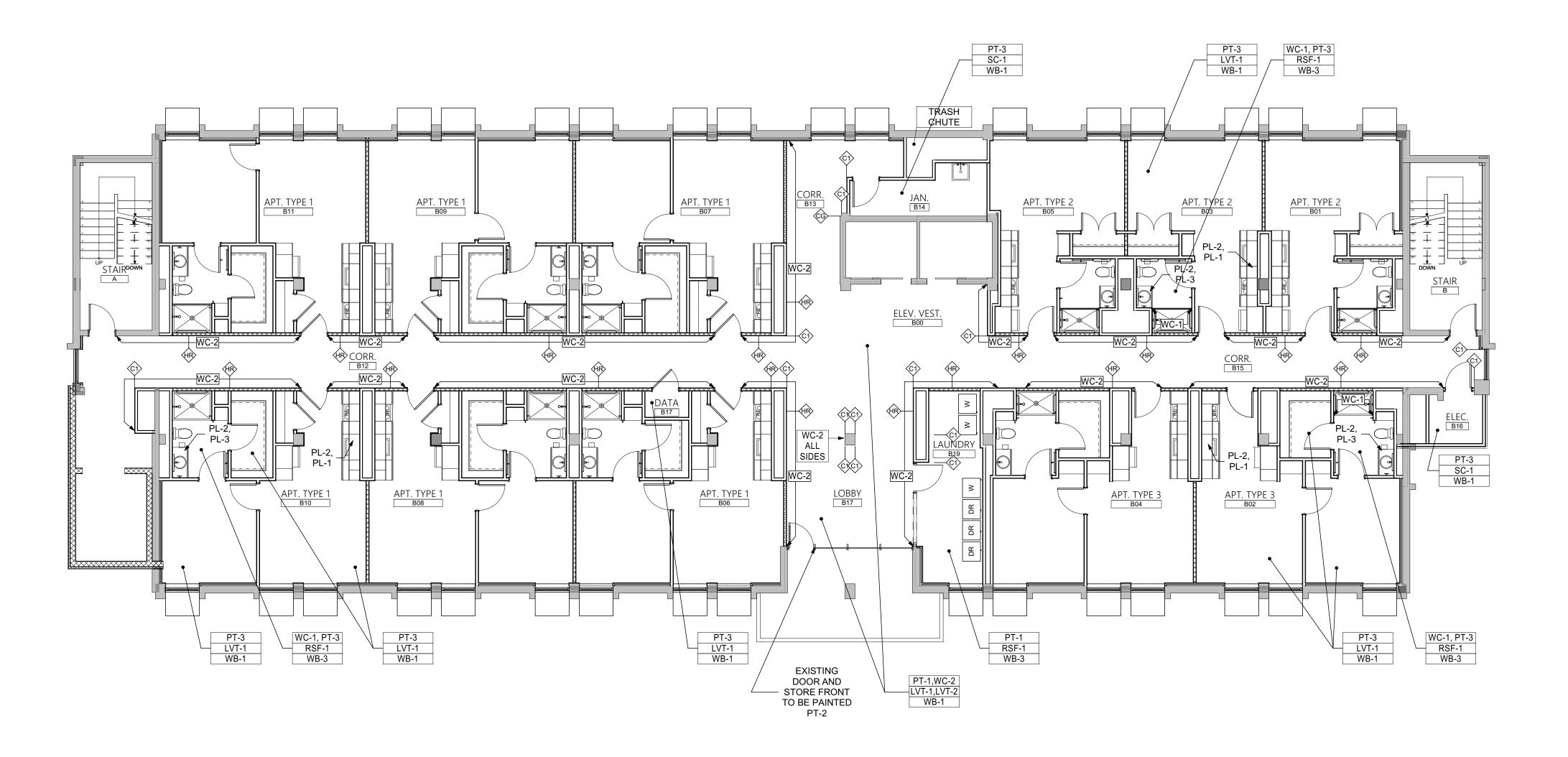
TYPICAL FINISH PLAN TYPE B -3RD, 6TH & 9TH **FLOORS** 



DATE: 1/10/2023 FILE: 20221006 ERVIN TOWERS

DRAWN BY: MD, TH CHK'D BY:

**IN103** 



PAINTING.

PT-4 (Frames for match to PT-3) MANUFACTURER:BENJAMIN MOORE COLOR: OC-18 DOVE WING MANUFACTURER: SHERWIN WILLIAMS COLOR: SW 7757 HIGH REFLECTIVE TL-3 (Kitchen Backsplash & Staff MANUFACTURER: CORIAN SOLID MANUFACTURER: DALTILE SERIES: COLOR WHEEL CLASSICS: SIZE: 3X6 SUBWAY TILE COLOR: 0190 ARCTIC WHITE FINISH: GLOSSY GROUT:CUSTOM BUILDING MANUFACTURER: WILSONART PRODUCTS; #642 ASH; EPOXY SERIES: STANDARD LAMINATE INSTALLATION: BRICKLAY COLOR: PINNACLE WALNUT 7992-38 FINISH: FINE VELVET FINISH LUXURY VINYL TILE - LVT MANUFACTURER: WILSONART LVT-1 (Field) COLOR:BAINBROOK GREY 1863K-55 MANUFACTURER: TARKETT SERIES: ID LATITUDE WOOD; FINISH:GLAZE FINISH PLWD 4694; 20 MIL. PL-3 (Casework) COLOR:SCOUT MANUFACTURER: WILSONART SIZE:6x48 SERIES:STANDARD LAMINATE INSTALLATION: REFER TO FLOOR COLOR:GREY 1500-60 PATTERN PLANS FINISH:MATTE FINISH LVT-2 (Accent) PL-4 (Computer room Casework) MANUFACTURER: TARKETT MANUFACTURER: WILSONART SERIES: CONTOUR; PCWR SERIES:STANDARD LAMINATE WOVEN REED; 32 MIL COLOR:ORGANIC COTTON 4945 COLOR: 0977 ARROWROOT FINISH:MATTE FINISH SIZE:6X36 INSTALLATION: REFER TO FLOOR WALL COVERINGS & PANELS- WC PATTERN PLANS WC-1 (Shower Walls) RUBBER SHEET FLOORING - RSF MANUFACTURER: ALTRO SERIES: TEGULIS SIZE: 3" X 6" SUBWAY TILE DESIGN ON 8' MANUFACTURER: ALTRO SHEET SERIES:ALTRO AQUARIUS COLOR: ALTRO WHITEROCK; STANDARD COLOR:LIGHTHOUSE PX2001 INSTALLATION: TURN UP 4" ON INSTALL: SEE SPEC FOR TRIMS AND CAPS WC-2 (Common Area Corridors) MANUFACTURER:INPRO WALK OFF CARPET- WCP SERIES: PALLADIUM PATTERNS RIGID SHEET MANUFACTURER: MILLIKEN MATERIAL:PVC THICKNESS: .040" SERIES:OBEX CUTX COLOR:FZX5-27 FIZZ; GREY COLOR: WVN-01 WOVEN MINT TOP CAP: RICOCHET 5/8" SEAGRASS INSTALLATION: REFER TO FLOOR PATTERN PLANS WC-3 (Common Area Corridors)
MANUFACTURER:INPRO CONCRETE-SC SERIES: PALLADIUM RIGID SHEET MATERIAL:PVC <u>SC-1</u> SEALED CONCRETE THICKNESS: .040" COLOR:SEAGRASS 0230 TOP CAP: RICOCHET 5/8" SEAGRASS **WB-WALL BASE** WC-4 (Elevator panels) MANUFACTURER:3M DINOC SERIES: Quickship 3 MANUFACTURER: TARKETT STYLE: TIGHTLOCK RESILIENT 4 3/8" MODEL: DW-1874MT \*Wood grain matches PL-1 RUBBER WALL BASE COLOR: 283 TOAST **BATHROOM PARTITIONS- BP (First** Floor Restrooms) MANUFACTURER: DALTILE SERIES: PORTFOLIO BP-1 MANUFACTURER: HINY HIDERS SIZE: 6"X12" COVE BASE COLOR: ASH GREY PF04 COLOR: NICKEL GROUT: CUSTOM BUILDING PRODUCTS; FINISH: ROTARY BRUSHED #543 DRIFTWOOD; EPOXY WB-3 MANUFACTURER: ALTRO SERIES: ALTRO AQUARIUS HAND RAILS MANUFACTURER:INPRO COLOR: LIGHTHOUSE PX2001 SERIES:1000 HANDRAIL INSTALLATION: TURN UP 4" ON WALL MATERIAL: RIGID VINYL COLOR: WASHED WALNUT **CORNER GUARDS** C1 MANUFACTURER:INPRO SERIES:160 HIGH IMPACT CORNER GUARD COLOR: SEAGRASS 0230 MANUFACTURER:INPRO SERIES:160 HIGH IMPACT CORNER GUARD COLOR: CLAM SHELL 0154

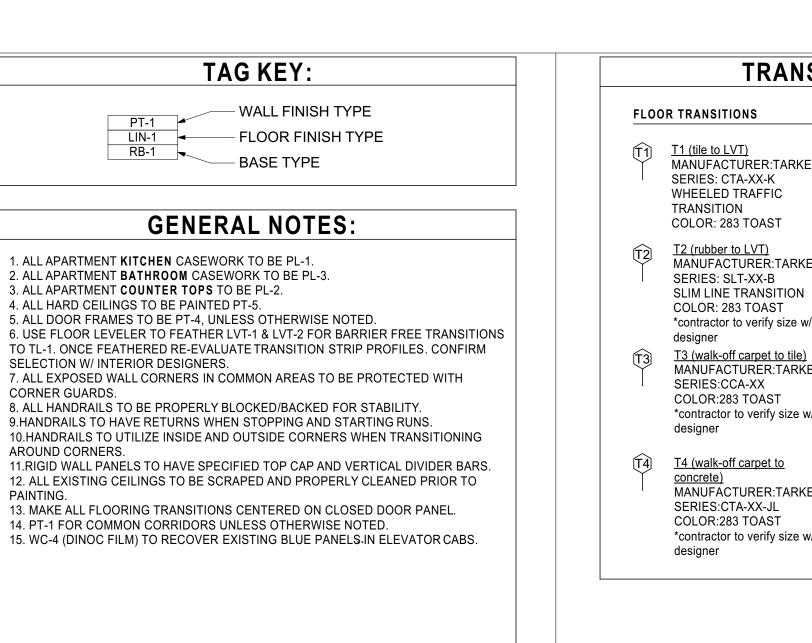
TYPICAL FINISH PLAN TYPE B - 3RD & 6TH FLOORS

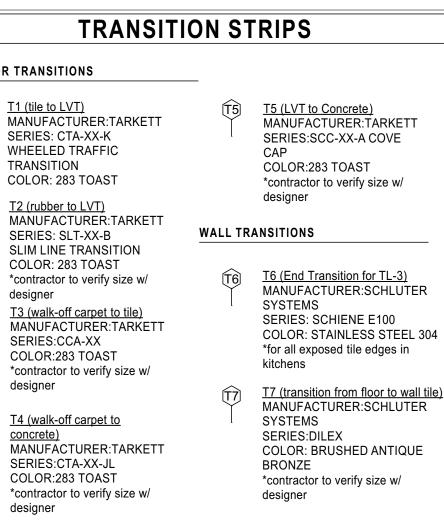
SCALE: 1/8" = 1'-0"

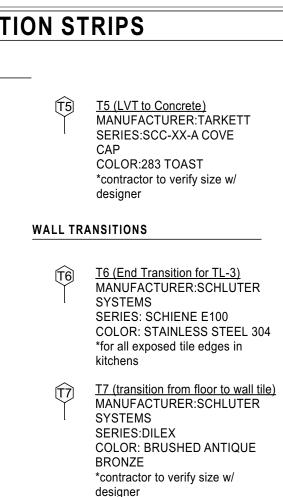
#### TAG KEY: - WALL FINISH TYPE - FLOOR FINISH TYPE **GENERAL NOTES:** 1. ALL APARTMENT KITCHEN CASEWORK TO BE PL-1. 2. ALL APARTMENT **BATHROOM** CASEWORK TO BE PL-3. 3. ALL APARTMENT COUNTER TOPS TO BE PL-2. 4. ALL HARD CEILINGS TO BE PAINTED PT-5. 5. ALL DOOR FRAMES TO BE PT-4, UNLESS OTHERWISE NOTED. 6. USE FLOOR LEVELER TO FEATHER LVT-1 & LVT-2 FOR BARRIER FREE TRANSITIONS TO TL-1. ONCE FEATHERED RE-EVALUATE TRANSITION STRIP PROFILES. CONFIRM SELECTION W/ INTERIOR DESIGNERS. 7. ALL EXPOSED WALL CORNERS IN COMMON AREAS TO BE PROTECTED WITH CORNER GUARDS. 8. ALL HANDRAILS TO BE PROPERLY BLOCKED/BACKED FOR STABILITY. 9. HANDRAILS TO HAVE RETURNS WHEN STOPPING AND STARTING RUNS. 10.HANDRAILS TO UTILIZE INSIDE AND OUTSIDE CORNERS WHEN TRANSITIONING AROUND CORNERS. 11.RIGID WALL PANELS TO HAVE SPECIFIED TOP CAP AND VERTICAL DIVIDER BARS. 12. ALL EXISTING CEILINGS TO BE SCRAPED AND PROPERLY CLEANED PRIOR TO

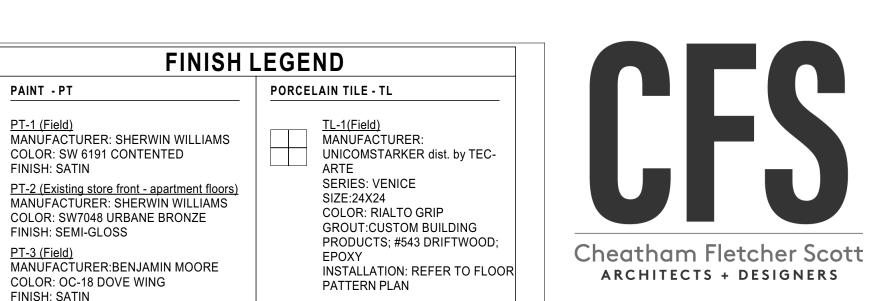
PAINTING.

14. PT-1 FOR COMMON CORRIDORS UNLESS OTHERWISE NOTED.









<u>TL-2 (Wall)</u> MANUFACTURER:UNICOMSTARK ER dist. by TEC-ARTE 420 Eighth St, Augusta, Georgia 30901 SERIES: VENICE P: 706-724-2668 W: cfsarchitects.com SIZE:12X24 COLOR: RIALTO GRIP GROUT:CUSTOM BUILDING SEALS

INSTALLATION: VERTICAL STACK TL-3 (Kitchen Backsplash & Staff

PRODUCTS; #543 DRIFTWOOD;

MANUFACTURER: DALTILE SERIES: COLOR WHEEL CLASSICS: SIZE: 3X6 SUBWAY TILE COLOR: 0190 ARCTIC WHITE FINISH: GLOSSY GROUT:CUSTOM BUILDING PRODUCTS; #642 ASH; EPOXY INSTALLATION: BRICKLAY

LUXURY VINYL TILE - LVT

MANUFACTURER: TARKETT SERIES: ID LATITUDE WOOD; PLWD 4694; 20 MIL. COLOR:SCOUT SIZE:6x48 INSTALLATION: REFER TO FLOOR PATTERN PLANS

WOVEN REED; 32 MIL

COLOR: 0977 ARROWROOT

INSTALLATION: REFER TO FLOOR

LVT-2 (Accent)

SIZE:6X36

PATTERN PLANS

FINISH:MATTE FINISH PL-4 (Computer room Casework) MANUFACTURER: WILSONART SERIES:STANDARD LAMINATE COLOR:ORGANIC COTTON 4945 FINISH:MATTE FINISH

WALL COVERINGS & PANELS- WC

PT-4 (Frames for match to PT-3)

COLOR: OC-18 DOVE WING

FINISH: SEMI-GLOSS

SOLID SURFACE- SS

PLASTIC LAMINATE - PL

PL-1 (Casework & Doors)

MANUFACTURER: WILSONART

SERIES: STANDARD LAMINATE

MANUFACTURER: WILSONART

MANUFACTURER: WILSONART

SERIES:STANDARD LAMINATE

FINISH: FINE VELVET FINISH

PL-2 (Counter tops)

SERIES:HD LAMINATE

FINISH:GLAZE FINISH

COLOR:GREY 1500-60

PL-3 (Casework)

SHEET

SHEET

MATERIAL:PVC

THICKNESS: .040"

COLOR:SEAGRASS 0230

WC-4 (Elevator panels) MANUFACTURER:3M DINOC

SERIES: Quickship 3

MODEL: DW-1874MT \*Wood grain matches PL-1

Floor Restrooms)

COLOR: NICKEL

HAND RAILS

**CORNER GUARDS** 

TOP CAP: RICOCHET 5/8" SEAGRASS

**BATHROOM PARTITIONS- BP (First** 

MANUFACTURER:INPRO

SERIES:1000 HANDRAIL

MATERIAL: RIGID VINYL COLOR: WASHED WALNUT

C1 MANUFACTURER:INPRO

SERIES:160 HIGH IMPACT CORNER GUARD COLOR: SEAGRASS 0230

MANUFACTURER:INPRO SERIES:160 HIGH IMPACT

COLOR: CLAM SHELL 0154

CORNER GUARD

BP-1 MANUFACTURER: HINY HIDERS

FINISH: ROTARY BRUSHED

COLOR: PINNACLE WALNUT 7992-38

COLOR:BAINBROOK GREY 1863K-55

PT-5 (Hard Ceiling)

WHITE

SURFACE

COLOR: LINEN

FINISH: FLAT

MANUFACTURER:BENJAMIN MOORE

MANUFACTURER: SHERWIN WILLIAMS

COLOR: SW 7757 HIGH REFLECTIVE

MANUFACTURER: CORIAN SOLID

WC-1 (Shower Walls) RUBBER SHEET FLOORING - RSF MANUFACTURER: ALTRO SERIES: TEGULIS SIZE: 3" X 6" SUBWAY TILE DESIGN ON 8' MANUFACTURER: ALTRO SERIES:ALTRO AQUARIUS COLOR: ALTRO WHITEROCK; STANDARD COLOR:LIGHTHOUSE PX2001 INSTALLATION: TURN UP 4" ON INSTALL: SEE SPEC FOR TRIMS AND CAPS WC-2 (Common Area Corridors) MANUFACTURER:INPRO WALK OFF CARPET- WCP

SERIES: PALLADIUM PATTERNS RIGID MANUFACTURER: MILLIKEN MATERIAL:PVC THICKNESS: .040" SERIES:OBEX CUTX COLOR:FZX5-27 FIZZ; GREY COLOR: WVN-01 WOVEN MINT TOP CAP: RICOCHET 5/8" SEAGRASS INSTALLATION: REFER TO FLOOR PATTERN PLANS WC-3 (Common Area Corridors)
MANUFACTURER:INPRO CONCRETE-SC SERIES: PALLADIUM RIGID SHEET

<u>SC-1</u> SEALED CONCRETE

MANUFACTURER: TARKETT STYLE: TIGHTLOCK RESILIENT 4 3/8"

**WB-WALL BASE** 

RUBBER WALL BASE COLOR: 283 TOAST MANUFACTURER: DALTILE SERIES: PORTFOLIO SIZE: 6"X12" COVE BASE

COLOR: ASH GREY PF04

#543 DRIFTWOOD; EPOXY

WB-3 MANUFACTURER: ALTRO SERIES: ALTRO AQUARIUS COLOR: LIGHTHOUSE PX2001 INSTALLATION: TURN UP 4" ON WALL

GROUT: CUSTOM BUILDING PRODUCTS;

MANUFACTURER: TARKETT SERIES: CONTOUR; PCWR

> **COMPREHENSIVE MODERNIZATION** OF W.C. ERVIN GA001000072

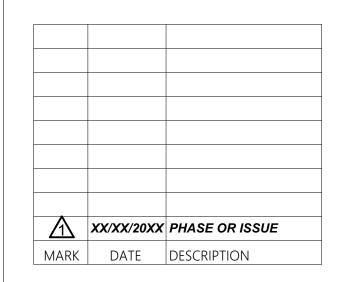
PROJECT TITLE

RICHARD M.

FILETCHER

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

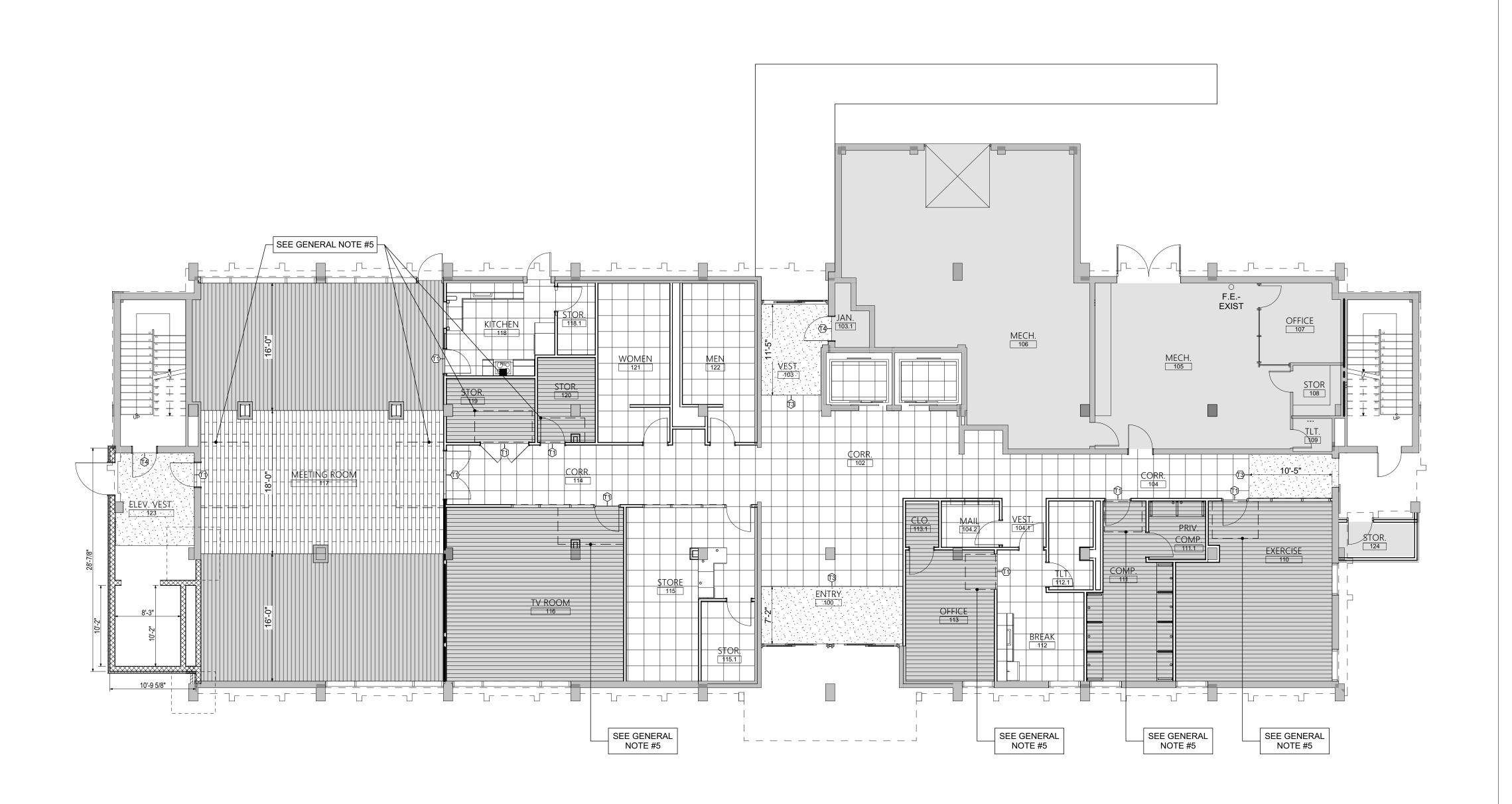
FIRST FLOOR PATTERN PLAN

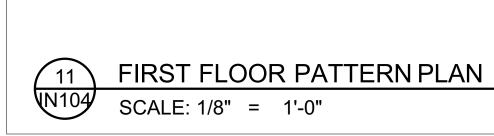


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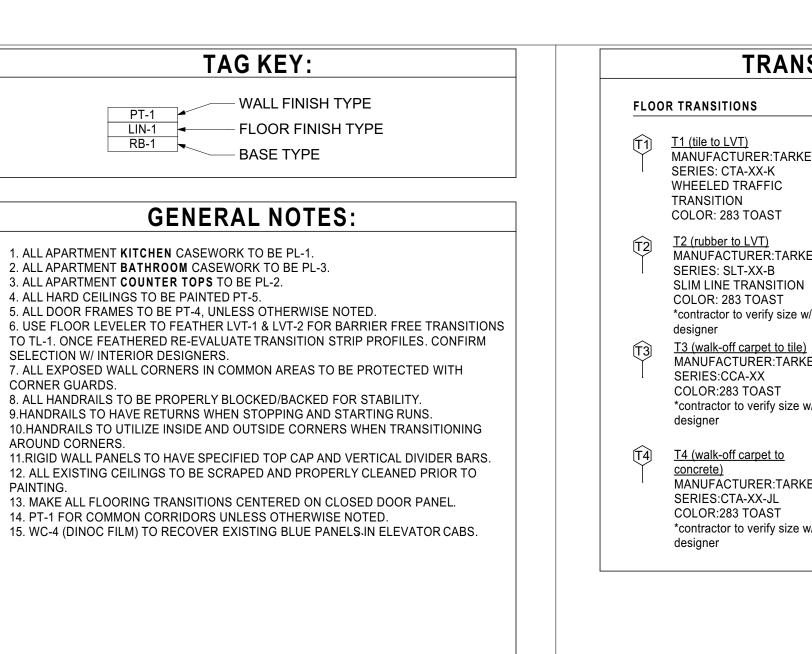
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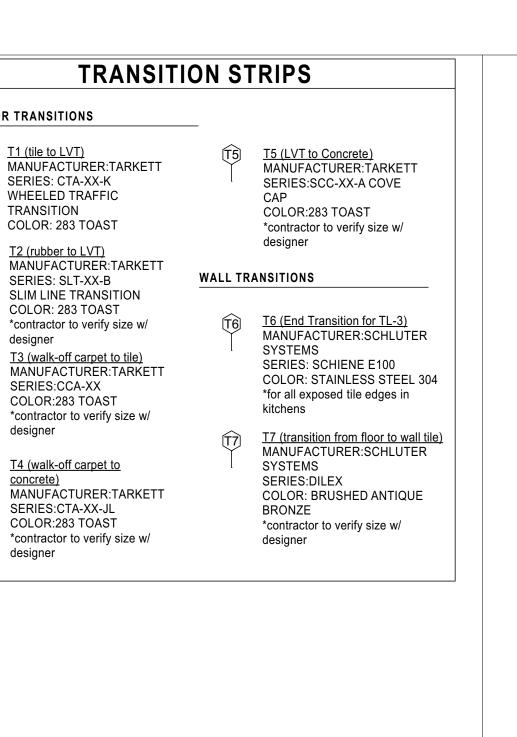
**IN104** 





#### TAG KEY: - WALL FINISH TYPE - FLOOR FINISH TYPE **GENERAL NOTES:** 1. ALL APARTMENT KITCHEN CASEWORK TO BE PL-1. 2. ALL APARTMENT **BATHROOM** CASEWORK TO BE PL-3. 3. ALL APARTMENT COUNTER TOPS TO BE PL-2. 4. ALL HARD CEILINGS TO BE PAINTED PT-5. 5. ALL DOOR FRAMES TO BE PT-4, UNLESS OTHERWISE NOTED. 6. USE FLOOR LEVELER TO FEATHER LVT-1 & LVT-2 FOR BARRIER FREE TRANSITIONS TO TL-1. ONCE FEATHERED RE-EVALUATE TRANSITION STRIP PROFILES. CONFIRM SELECTION W/ INTERIOR DESIGNERS. 7. ALL EXPOSED WALL CORNERS IN COMMON AREAS TO BE PROTECTED WITH CORNER GUARDS. 8. ALL HANDRAILS TO BE PROPERLY BLOCKED/BACKED FOR STABILITY. 9. HANDRAILS TO HAVE RETURNS WHEN STOPPING AND STARTING RUNS. 10.HANDRAILS TO UTILIZE INSIDE AND OUTSIDE CORNERS WHEN TRANSITIONING AROUND CORNERS. 11.RIGID WALL PANELS TO HAVE SPECIFIED TOP CAP AND VERTICAL DIVIDER BARS. 12. ALL EXISTING CEILINGS TO BE SCRAPED AND PROPERLY CLEANED PRIOR TO PAINTING. 13. MAKE ALL FLOORING TRANSITIONS CENTERED ON CLOSED DOOR PANEL. 14. PT-1 FOR COMMON CORRIDORS UNLESS OTHERWISE NOTED.





PAINT - PT

PT-1 (Field)

PT-3 (Field)

FINISH: SATIN

PT-5 (Hard Ceiling)

MANUFACTURER: CORIAN SOLID

PLASTIC LAMINATE - PL

PL-1 (Casework & Doors)

MANUFACTURER: WILSONART

SERIES: STANDARD LAMINATE

MANUFACTURER: WILSONART

MANUFACTURER: WILSONART

SERIES:STANDARD LAMINATE

PL-4 (Computer room Casework)

MANUFACTURER: WILSONART

SERIES:STANDARD LAMINATE

COLOR:ORGANIC COTTON 4945

WALL COVERINGS & PANELS- WC

SIZE: 3" X 6" SUBWAY TILE DESIGN ON 8'

COLOR: ALTRO WHITEROCK; STANDARD

INSTALL: SEE SPEC FOR TRIMS AND CAPS

SERIES: PALLADIUM PATTERNS RIGID

FINISH: FINE VELVET FINISH

PL-2 (Counter tops)

SERIES:HD LAMINATE

FINISH:GLAZE FINISH

COLOR:GREY 1500-60

FINISH:MATTE FINISH

FINISH:MATTE FINISH

WC-1 (Shower Walls)

SERIES: TEGULIS

SHEET

SHEET

MATERIAL:PVC

THICKNESS: .040"

MATERIAL:PVC

THICKNESS: .040" COLOR:SEAGRASS 0230

WC-4 (Elevator panels) MANUFACTURER:3M DINOC

SERIES: Quickship 3

MODEL: DW-1874MT \*Wood grain matches PL-1

Floor Restrooms)

COLOR: NICKEL

HAND RAILS

**CORNER GUARDS** 

MANUFACTURER: ALTRO

WC-2 (Common Area Corridors) MANUFACTURER:INPRO

COLOR: WVN-01 WOVEN MINT TOP CAP: RICOCHET 5/8" SEAGRASS

WC-3 (Common Area Corridors)
MANUFACTURER:INPRO

SERIES: PALLADIUM RIGID SHEET

TOP CAP: RICOCHET 5/8" SEAGRASS

**BATHROOM PARTITIONS- BP (First** 

MANUFACTURER:INPRO

SERIES:1000 HANDRAIL

MATERIAL: RIGID VINYL COLOR: WASHED WALNUT

<u>C1</u> MANUFACTURER:INPRO SERIES:160 HIGH IMPACT CORNER GUARD COLOR: SEAGRASS 0230

MANUFACTURER:INPRO SERIES:160 HIGH IMPACT

COLOR: CLAM SHELL 0154

CORNER GUARD

BP-1 MANUFACTURER: HINY HIDERS

FINISH: ROTARY BRUSHED

PL-3 (Casework)

COLOR: PINNACLE WALNUT 7992-38

COLOR:BAINBROOK GREY 1863K-55

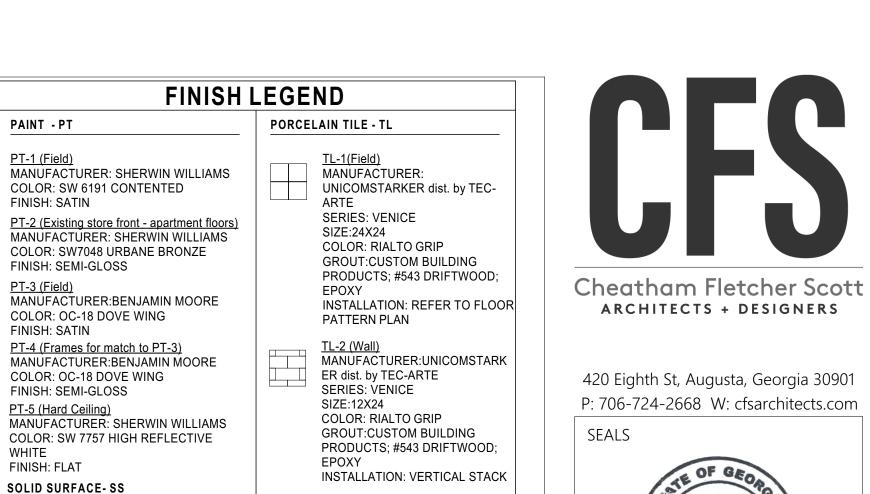
WHITE

SURFACE

COLOR: LINEN

FINISH: FLAT

FINISH: SATIN



TL-3 (Kitchen Backsplash & Staff

MANUFACTURER: DALTILE

SERIES: COLOR WHEEL

SIZE: 3X6 SUBWAY TILE

COLOR: 0190 ARCTIC WHITE

GROUT:CUSTOM BUILDING

INSTALLATION: BRICKLAY

MANUFACTURER: TARKETT SERIES: ID LATITUDE WOOD;

MANUFACTURER: TARKETT

SERIES: CONTOUR; PCWR

COLOR: 0977 ARROWROOT

MANUFACTURER: ALTRO

SERIES:ALTRO AQUARIUS

COLOR:LIGHTHOUSE PX2001 INSTALLATION: TURN UP 4" ON

MANUFACTURER:MILLIKEN

COLOR:FZX5-27 FIZZ; GREY

INSTALLATION: REFER TO FLOOR

SERIES:OBEX CUTX

PATTERN PLANS

<u>SC-1</u> SEALED CONCRETE

MANUFACTURER: TARKETT STYLE: TIGHTLOCK RESILIENT 4 3/8"

GROUT: CUSTOM BUILDING PRODUCTS;

INSTALLATION: REFER TO FLOOR

WOVEN REED; 32 MIL

INSTALLATION: REFER TO FLOOR

PRODUCTS; #642 ASH; EPOXY

CLASSICS:

LUXURY VINYL TILE - LVT

LVT-1 (Field)

PLWD 4694; 20 MIL.

COLOR:SCOUT

PATTERN PLANS

LVT-2 (Accent)

SIZE:6X36

WALK OFF CARPET- WCP

CONCRETE-SC

**WB-WALL BASE** 

RUBBER WALL BASE COLOR: 283 TOAST

MANUFACTURER: DALTILE SERIES: PORTFOLIO

SIZE: 6"X12" COVE BASE COLOR: ASH GREY PF04

#543 DRIFTWOOD; EPOXY

WB-3 MANUFACTURER: ALTRO SERIES: ALTRO AQUARIUS

COLOR: LIGHTHOUSE PX2001

INSTALLATION: TURN UP 4" ON WALL

PATTERN PLANS

RUBBER SHEET FLOORING - RSF

SIZE:6x48

FINISH: GLOSSY

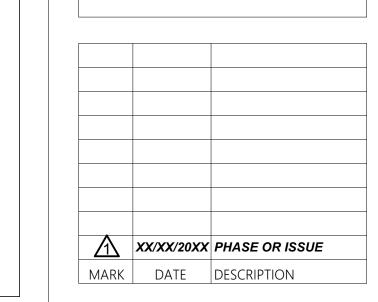
420 Eighth St, Augusta, Georgia 30901 P: 706-724-2668 W: cfsarchitects.com RICHARD M. FLETCHER!

PROJECT TITLE

**COMPREHENSIVE MODERNIZATION** OF W.C. ERVIN

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

**TYPICAL** PATTERN PLAN TYPE A- 2ND, 4TH, 5TH, 7TH, 8TH & 10TH **FLOORS** 

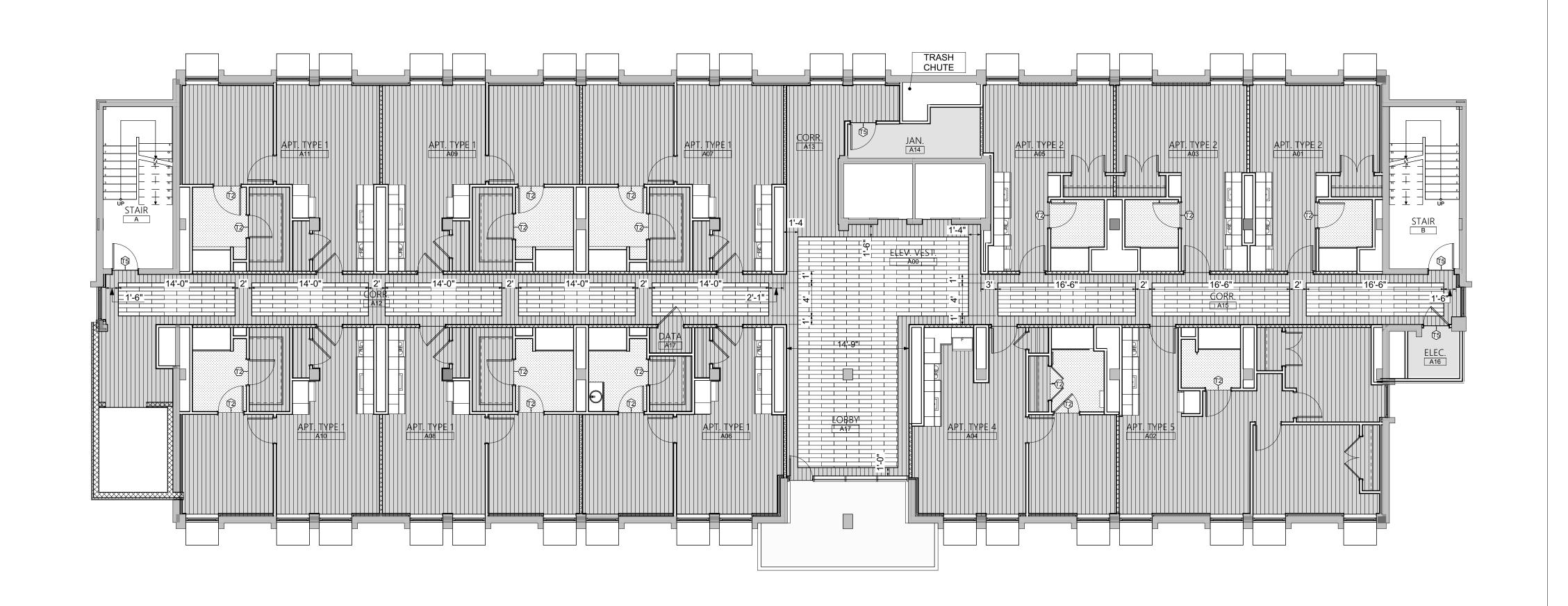


DATE: 1/10/2023 FILE: 20221006 ERVIN TOWERS

**IN105** 

DRAWN BY: MD, TH

CHK'D BY:



TYPICAL FLOOR PATTERN PLAN TYPE A- 2ND, 4TH, 5TH, 7TH, 8TH & 10TH FLOORS

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

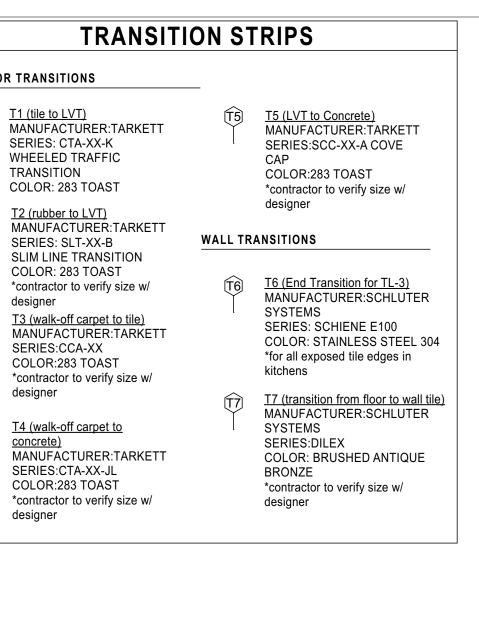
#### **GENERAL NOTES:** 1. ALL APARTMENT KITCHEN CASEWORK TO BE PL-1. 2. ALL APARTMENT **BATHROOM** CASEWORK TO BE PL-3. 3. ALL APARTMENT COUNTER TOPS TO BE PL-2. 4. ALL HARD CEILINGS TO BE PAINTED PT-5. 5. ALL DOOR FRAMES TO BE PT-4, UNLESS OTHERWISE NOTED. 6. USE FLOOR LEVELER TO FEATHER LVT-1 & LVT-2 FOR BARRIER FREE TRANSITIONS TO TL-1. ONCE FEATHERED RE-EVALUATE TRANSITION STRIP PROFILES. CONFIRM SELECTION W/ INTERIOR DESIGNERS. 7. ALL EXPOSED WALL CORNERS IN COMMON AREAS TO BE PROTECTED WITH CORNER GUARDS. 8. ALL HANDRAILS TO BE PROPERLY BLOCKED/BACKED FOR STABILITY. 9. HANDRAILS TO HAVE RETURNS WHEN STOPPING AND STARTING RUNS. 10.HANDRAILS TO UTILIZE INSIDE AND OUTSIDE CORNERS WHEN TRANSITIONING AROUND CORNERS. 11.RIGID WALL PANELS TO HAVE SPECIFIED TOP CAP AND VERTICAL DIVIDER BARS. 12. ALL EXISTING CEILINGS TO BE SCRAPED AND PROPERLY CLEANED PRIOR TO PAINTING. 13. MAKE ALL FLOORING TRANSITIONS CENTERED ON CLOSED DOOR PANEL. 14. PT-1 FOR COMMON CORRIDORS UNLESS OTHERWISE NOTED. 15. WC-4 (DINOC FILM) TO RECOVER EXISTING BLUE PANELS IN ELEVATOR CABS.

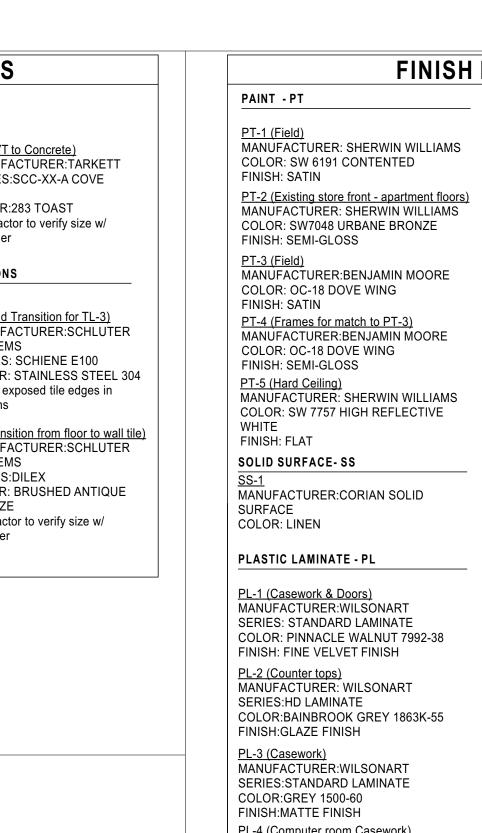
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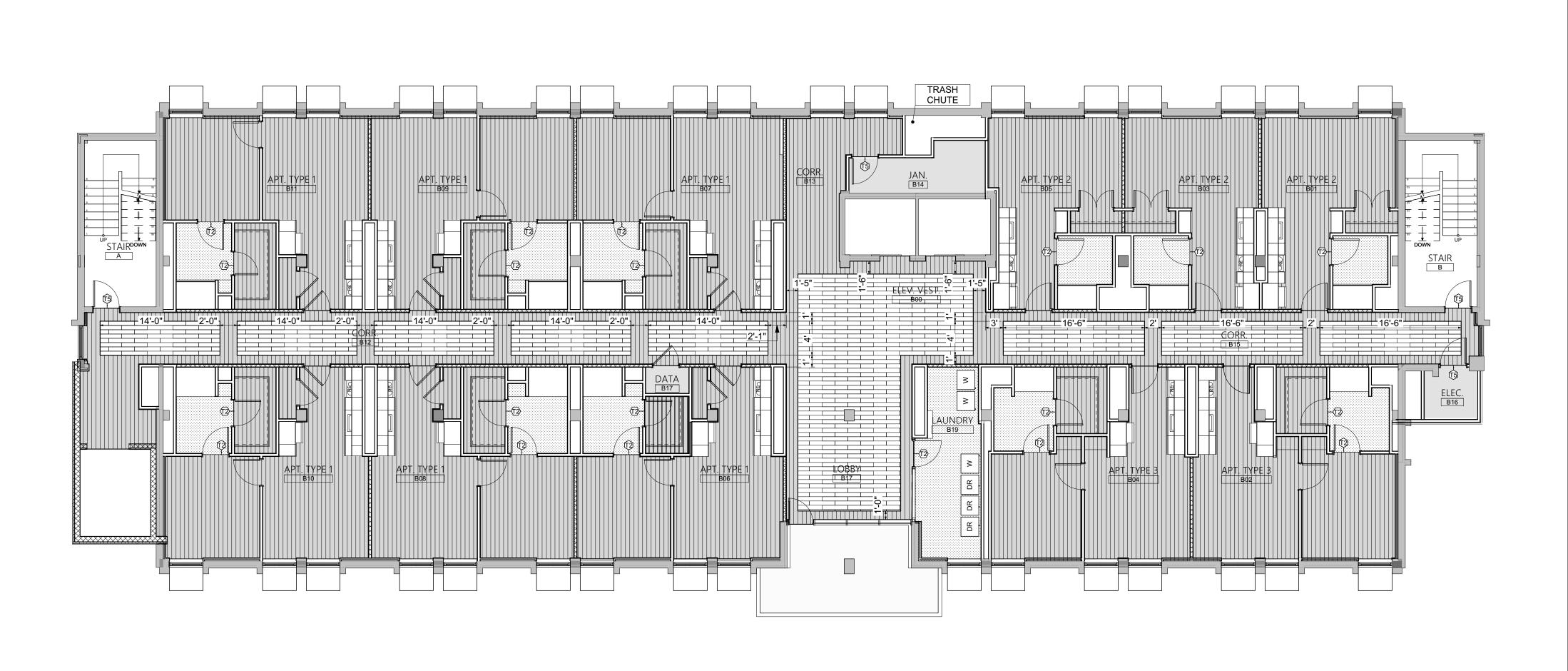
- WALL FINISH TYPE

- FLOOR FINISH TYPE

# FLOOR TRANSITIONS









T4 (walk-off carpet to <u>concrete)</u> MANUFACTURER:TARKETT SERIES:CTA-XX-JL COLOR:283 TOAST \*contractor to verify size w/ designer

T1 (tile to LVT)

TRANSITION

SERIES: CTA-XX-K

WHEELED TRAFFIC

COLOR: 283 TOAST

SERIES: SLT-XX-B

COLOR: 283 TOAST

SERIES:CCA-XX

COLOR:283 TOAST

designer

designer

T2 (rubber to LVT)

PL-4 (Computer room Casework) MANUFACTURER: WILSONART SERIES:STANDARD LAMINATE COLOR:ORGANIC COTTON 4945

WALL COVERINGS & PANELS- WC

FINISH:MATTE FINISH

WC-1 (Shower Walls) MANUFACTURER: ALTRO SERIES: TEGULIS SIZE: 3" X 6" SUBWAY TILE DESIGN ON 8' SHEET COLOR: ALTRO WHITEROCK; STANDARD INSTALL: SEE SPEC FOR TRIMS AND CAPS WC-2 (Common Area Corridors)

MANUFACTURER:INPRO SERIES: PALLADIUM PATTERNS RIGID SHEET MATERIAL:PVC THICKNESS: .040" COLOR: WVN-01 WOVEN MINT TOP CAP: RICOCHET 5/8" SEAGRASS WC-3 (Common Area Corridors)
MANUFACTURER:INPRO SERIES: PALLADIUM RIGID SHEET

MATERIAL:PVC THICKNESS: .040" COLOR:SEAGRASS 0230 TOP CAP: RICOCHET 5/8" SEAGRASS

\*Wood grain matches PL-1 **BATHROOM PARTITIONS- BP (First** Floor Restrooms)

BP-1 MANUFACTURER: HINY HIDERS COLOR: NICKEL FINISH: ROTARY BRUSHED

WC-4 (Elevator panels) MANUFACTURER:3M DINOC

SERIES: Quickship 3

MODEL: DW-1874MT

HAND RAILS

MANUFACTURER:INPRO SERIES:1000 HANDRAIL MATERIAL: RIGID VINYL COLOR: WASHED WALNUT

**CORNER GUARDS** <u>C1</u> MANUFACTURER:INPRO

> CORNER GUARD COLOR: SEAGRASS 0230 MANUFACTURER:INPRO SERIES:160 HIGH IMPACT CORNER GUARD

COLOR: CLAM SHELL 0154

SERIES:160 HIGH IMPACT

MANUFACTURER: UNICOMSTARKER dist. by TEC-SERIES: VENICE SIZE:24X24

PORCELAIN TILE - TL

COLOR: RIALTO GRIP GROUT:CUSTOM BUILDING PRODUCTS; #543 DRIFTWOOD; INSTALLATION: REFER TO FLOOR PATTERN PLAN

<u>TL-2 (Wall)</u> MANUFACTURER:UNICOMSTARK ER dist. by TEC-ARTE SERIES: VENICE SIZE:12X24

COLOR: RIALTO GRIP GROUT:CUSTOM BUILDING PRODUCTS; #543 DRIFTWOOD; INSTALLATION: VERTICAL STACK

TL-3 (Kitchen Backsplash & Staff

MANUFACTURER: DALTILE SERIES: COLOR WHEEL CLASSICS: SIZE: 3X6 SUBWAY TILE COLOR: 0190 ARCTIC WHITE FINISH: GLOSSY GROUT:CUSTOM BUILDING PRODUCTS; #642 ASH; EPOXY INSTALLATION: BRICKLAY

LUXURY VINYL TILE - LVT

LVT-1 (Field) MANUFACTURER: TARKETT SERIES: ID LATITUDE WOOD; PLWD 4694; 20 MIL. COLOR:SCOUT SIZE:6x48 INSTALLATION: REFER TO FLOOR PATTERN PLANS

LVT-2 (Accent) MANUFACTURER: TARKETT SERIES: CONTOUR; PCWR WOVEN REED; 32 MIL COLOR: 0977 ARROWROOT SIZE:6X36 INSTALLATION: REFER TO FLOOR

PATTERN PLANS RUBBER SHEET FLOORING - RSF

> MANUFACTURER: ALTRO SERIES:ALTRO AQUARIUS COLOR:LIGHTHOUSE PX2001 INSTALLATION: TURN UP 4" ON

WALK OFF CARPET- WCP

MANUFACTURER:MILLIKEN SERIES:OBEX CUTX COLOR:FZX5-27 FIZZ; GREY INSTALLATION: REFER TO FLOOR PATTERN PLANS

CONCRETE-SC

<u>SC-1</u> SEALED CONCRETE

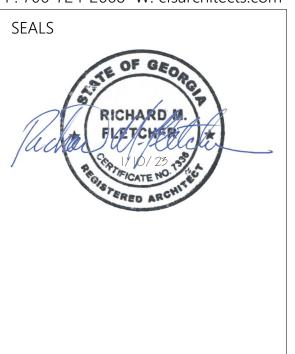
**WB-WALL BASE** 

MANUFACTURER: TARKETT STYLE: TIGHTLOCK RESILIENT 4 3/8" RUBBER WALL BASE COLOR: 283 TOAST

MANUFACTURER: DALTILE SERIES: PORTFOLIO SIZE: 6"X12" COVE BASE COLOR: ASH GREY PF04 GROUT: CUSTOM BUILDING PRODUCTS; #543 DRIFTWOOD; EPOXY

WB-3 MANUFACTURER: ALTRO SERIES: ALTRO AQUARIUS COLOR: LIGHTHOUSE PX2001 INSTALLATION: TURN UP 4" ON WALL Cheatham Fletcher Scott ARCHITECTS + DESIGNERS

420 Eighth St, Augusta, Georgia 30901 P: 706-724-2668 W: cfsarchitects.com

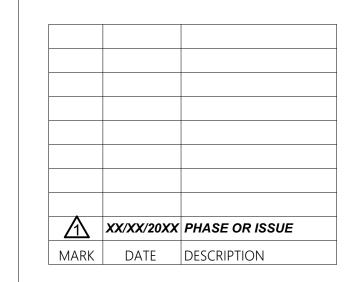


PROJECT TITLE

**COMPREHENSIVE MODERNIZATION** OF W.C. ERVIN

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

**TYPICAL** PATTERN PLAN TYPE B - 3RD, 6TH & 9TH **FLOORS** 



DATE: 1/10/2023 FILE: 20221006 ERVIN TOWERS

DRAWN BY: MD, TH CHK'D BY:

**IN106** 



TYPICAL FLOOR PATTERN PLAN TYPE B - 3RD, 6TH & 9TH FLOORS

#### **SPECIFICATIONS:**

DESIGN CRITERIA: BUILDING CRITERIA - 2018 GEORGIA BUILDING CODE

#### DESIGN LOADS:

20 PSF ROOF DEAD LOAD 20 PSF ROOF LIVE LOAD ROOF JOIST NET UPLIFT 10 PSF

FLOOR DEAD LOAD 50 PSF SLAB + 10 PSF FLOOR LIVE LOAD 50 PSF OFFICES 100 PSF CORRIDORS, EXITS

GROUND SNOW LOAD SNOW EXPOSURE FACTOR, Ce 1.0 IMPORTANCE FACTOR 1.2

WIND VELOCITY, Vult = 121 MPHVasd = 93.7 MPH

RISK CATEGORY III EXPOSURE B

THERMAL FACTOR, Ct 1.0

BUILDING IS DESIGNED AS PARTIALLY ENCLOSED INTERNAL PRESSURE COEFFICIENT, +/- 0.18

IMPORTANCE FACTOR 1.25 RISK CATEGORY III SEISMIC DESIGN CATEGORY C

SITE CLASS C (REF REPORT) (FA 1.200 FV 1.75) DESIGN BASE SHEAR (KIPS) = 50 RESPONSE COEFF = 0.121RESPONSE MOD FACTOR, R = 2.5

SS = 26.5%G, S1 = 09.7%G

SDS = 28.1%G, SD1 = 15.5%G

ANALYSIS: EQUIVALENT LATERAL FORCE PROCEDURE

ALLOWABLE BEARING PRESSURE = 2000 PSF (ASSUMED)

- 1. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, SHOP DRAWINGS AND SPECIFICATIONS.
- GENERAL CONTRACTOR SHALL REVIEW AND STAMP ALL SHOP DRAWINGS BEFORE SUBMITTAL FOR APPROVAL. SHOP DRAWINGS, REVIEWED BY THE GENERAL CONTRACTOR, FOR REINFORCING, JOIST, DECK, STRUCTURAL MEMBERS AND STRUCTURAL STEEL SHALL BE SUBMITTED TO THE ARCHITECT AND A STAMPED APPROVAL RECEIVED PRIOR TO FABRICATION. ERECTION SHALL BE MADE FROM 2500 PSI APPROVED SHOP DRAWINGS ONLY.
- 3. FABRICATOR SHALL HIGHLIGHT CHANGES MADE IN SHOP DRAWINGS WHICH DO NOT COMPLY WITH THE DESIGN DRAWINGS.
- 4. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION BEFORE PROCEEDING WITH THE AFFECTED PART OF WORK.
- 5. A RECORD SET OF SHOP DRAWINGS SHALL BE KEPT IN THE FIELD BY THE GENERAL CONTRACTOR.
- 6. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECT'S PLANS BEFORE STARTING WORK.
- 7. VERIFY ALL MECHANICAL EQUIPMENT WEIGHTS, LOCATIONS AND ASSOCIATED OPENINGS WITH MECHANICAL CONTRACTOR. NOTIFY ENGINEER IF ACTUAL WEIGHT EXCEEDS THE DESIGN WEIGHT SHOWN ON THE DRAWINGS.
- 8. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY BRACING, SHORING, GUYING, ETC AND OTHER METHODS TO PREVENT EXCESSIVE STRESSES DURING CONSTRUCTION. THESE PROVISIONS ARE TO REMAIN IN PLACE UNTIL SUFFICIENT PERMANENT MEMBERS ARE CONSTRUCTED TO INSURE THE SAFETY OF THE STRUCTURE.
- 9. UNLESS OTHERWISE NOTED, DETAILS SHOWN ON ANY DRAWING ARE TO BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS.

#### FOUNDATIONS / SOILS:

- 1. ALL FOOTINGS SHALL BEAR ON UNDISTURBED EARTH OR ENGINEERED FILL AT ELEVATIONS SHOWN ON PLANS AND DETAILS.
- 2. ALL FOOTINGS, OR PORTIONS THEREOF BELOW GRADE, MAY BE EARTH FORMED BY NEAT EXCAVATIONS.
- 3. FOOTINGS SHALL BE CENTERED ON WALLS UNLESS NOTED OTHERWISE.
- 4. PREPARATION OF THE SITE. INCLUDING INITIAL UNDERCUTTING. FILL/ BACKFILL MATERIAL, FILL/ BACKFILL PLACEMENT, AND COMPACTION SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. ALL SITE WORK SHALL BE UNDER THE DIRECTION OF A QUALIFIED GEOTECHNICAL ENGINEER OR SOILS TECHNICIAN.
- 5. PROXIMITY OF UTILITY TRENCHES TO THE BUILDING FOUNDATION SYSTEM SHALL BE AS APPROVED BY THE ARCHITECT AND/ OR SOILS ENGINEER TO INSURE THE INTEGRITY OF THE BEARING SOILS.

CMU REINI	F SPLICE TABLE
SIZE	MIN LAP DIST
#3	19"
#4	26"
<b>#</b> 5	32"
#6	38"
<b>#</b> 7	49"
#8	63"

#### **CONCRETE:**

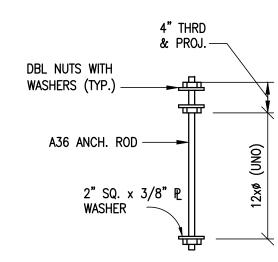
- 1. CONCRETE SHALL HAVE THE MINIMUM STRENGTH AND MEET THE PROPERTIES AS DESCRIBED BELOW FOR THE VARIOUS CLASSES OF
- 2. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE CURRENT "ACI MANUAL OF CONCRETE PLACEMENT"
- 3. PORTLAND CEMENT SHALL CONFORM TO ASTM C150, TYPE I OR II.
- 4. ALL AGGREGATE FOR NORMAL WEIGHT CONCRETE SHALL MEET ASTM C33.
- 5. ALL REINFORCING SHALL MEET ASTM A615, GRADE 60.
- 6. ALL REINFORCING SHALL BE DETAILED, FABRICATED AND PLACED PER CRSI AND ACI STANDARDS, INCLUDING CONCRETE COVER AND BAR SUPPORTS (DESIRED METHOD OF SUPPORTING TOP BARS IN THICK MATS SHALL BE VERIFIED WITH ENGINEER.) PROVIDE CORNER BARS AT ALL FOOTINGS AND WALL INTERSECTIONS TO MATCH HORIZONTAL REINFORCING IN SIZE AND SPACING. AT INTERSECTIONS OF CONTINUOUS SPREAD FOOTINGS EXTEND ALL BARS TO THE FAR SIDE OF INTERSECTING FOOTING. LAP BARS AT ALL SPLICES, INCLUDING CORNER BARS AND DOWELS, 40 BAR DIAMETERS. LAP WWF 6" OR ONE FULL MESH, WHICHEVER IS GREATER.
- 7. CONCRETE PROTECTION FOR REINFORCING: 3" AT FOOTINGS, 2" AT FORMED SURFACES LATER EXPOSED TO SOIL.
- 8. ALUMINUM SHALL NOT BE EMBEDDED IN ANY CONCRETE.
- 9. NO HOLES OR OPENINGS THROUGH FOUNDATION WALL AND/OR FOOTINGS WITHOUT ENGINEERS APPROVAL.
- 10. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 3/4".
- 11. CONTINUOUS FOOTINGS AND FLOOR SLABS SHALL HAVE KEYED CONSTRUCTION JOINTS SPACED AT 60'-0" MAX ON CENTER EACH WAY.
- 12. UNLESS SPECIFIED OTHERWISE THE CONTRACTOR SHALL PLACE SLAB JOINTS SUCH THAT CONTROL JOINTS ARE SPACED APPROXIMATELY 24 TO 36 TIMES THE SLAB THICKNESS. THIS IS BASED ON RECOMMENDATIONS PER ACI. SLAB AREAS SHALL ALSO BE LIMITED TO 400 SQUARE FEET. THE LENGTH TO WIDTH RATIO OF A JOINTED SECTION OF SLAB SHALL NOT EXCEED 1-1/2.

- 1. STRUCTURAL STEEL SHALL MEET THE LATEST AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".
- 2. ALL WIDE FLANGE SHAPES SHALL MEET ASTM A992, Fy = 50 KSI. ALL PLATES, CHANNELS, AND ANGLES SHALL MEET ASTM A36, Fy = 36 KSI.
- 3. ALL PIPES SHALL MEET ASTM A53, GRADE B, Fy = 35 KSI. ALL TUBE STEEL SHALL MEET ASTM A500, GRADE B, Fy = 46 KSI.
- 4. ALL BOLTS SHALL MEET ASTM A325 HIGH STRENGTH, WITH WASHERS AS REQUIRED, EXCEPT ANCHOR RODS WHICH SHALL MEET ASTM A36 (UNO).
- 5. WELDING SHALL CONFORM TO THE STANDARDS SET FORTH IN THE AWS PUBLICATION "WELDING IN BUILDING CONSTRUCTION".
- 6. ALL FIELD AND SHOP CONNECTIONS TO HAVE FILLET WELDS MEETING THE REQUIREMENTS SET FORTH BY AWS D1.1 UNLESS NOTED AS BOLTED
- 7. ALL FIELD WELDS TO BE WITH E70XX ELECTRODES.
- 8. ALL ERECTION DRAWINGS SHALL SHOW ALL FIELD WELDS REQUIRED.
- 9. ELEVATIONS FOR TOP OF STEEL NOTED ON DRAWINGS. BEAM FRAME FLUSH AT TOP UNLESS NOTED (+/-).
- 10. STEEL FRAMES ARE NOT "SELF-SUPPORTING." ADEQUATE TEMPORY SUPPORT SHALL BE PROVIDED BY THE CONTRACTOR UNTIL REQUIRED ELEMENTS OR CONNECTIONS ARE IN PLACE.
- 11. WHEN NOT SPECIFICALLY DETAILED ON THE DESIGN DRAWINGS PROVIDE THE FOLLOWING BEAM CONNECTIONS:
- 11.1. WHERE BEAM REACTIONS ARE SHOWN, CONNECTIONS SHALL DEVELOP THE REACTION GIVEN.
- WHEN BEAM REACTIONS ARE NOT SHOWN, CONNECTIONS SHALL BE DESIGNED TO SUPPORT ONE HALF THE TOTAL UNIFORM LOAD CAPACITY SHOWN IN THE ALLOWABLE UNIFORM LOAD TABLES, TABLE 3-6 OF THE AISC MANUAL, FOR THE GIVEN BEAM, SPAN, AND GRADE OF STEEL
- 12. LOADS SHOWN ON PLANS ARE ASD UNLESS NOTED OTHERWISE.

#### CONCRETE MIX DESIGN W/C RATIO | MIX TYPE | SUPER P | SLUMP COMMENT LOCATION CMU FILL 8" - 11" COARSE GROUT (ASTM C476) N/A 3000 PSI | REQUIRED SLAB-ON-GRADE N/A 4" SLAB **FOUNDATIONS** 3000 PSI N/A 4" MAX 4000 PSI | REQUIRED | .49 MAX ELEV SLAB N/A 3" SLAB

#### MASONRY:

- 1. HOLLOW CONCRETE BLOCK (MASONRY) UNITS SHALL CONFORM TO ASTM C90. LIGHTWEIGHT, TYPE N-1 WITH A MINIMUM COMPRESSIVE STRENGTH OF 1900 PSI ON THE NET AREA (f'm = 1500 PSI).
- 2. ALL MORTAR FOR USE IN MASONRY SHALL CONFORM TO ASTM C270, TYPE S. ALL GROUT FOR USE IN MASONRY SHALL CONFORM TO ASTM C476, MIN 2500 PSI AND NOT LESS THAN A 6-1/2 SACK MIX.
- 3. REINFORCING BARS SHALL MEET ASTM A615, GRADE 60.
- 4. PROVIDE AT LEAST 2 VERTICAL BARS AT EACH END, CORNERS, AND INTERSECTION OF ALL WALLS. SEE WALL SECTIONS FOR TYPICAL VERTICAL
- 5. BOND BEAM BLOCKS SHALL MEAN OPEN BOTTOM LINTELS UNLESS NOTED OTHERWISE. PROVIDE METAL LATH IN JOINTS BELOW BOTTOM OF BOND BEAM OVER THOSE CELLS THAT ARE NOT GROUT FILLED.
- 6. VERTICAL AND HORIZONTAL REINFORCING SHALL BE CONTINUOUS AND LAPPED (REF SPLICE TABLE THIS SHT)
- 7. PROVIDE A MINIMUM OF 1/2" GROUT BETWEEN MAIN REINFORCING AND 8. PROVIDE STANDARD GAGE TRUSS TYPE JOINT REINFORCEMENT AT 16" OC FOR
- TYPICAL HORIZONTAL REINFORCING, UNLESS NOTED OTHERWISE.
- 9. GROUT FILL ALL CELLS IN WALLS BELOW GRADE. SLUSH JOINT BETWEEN MASONRY WYTHES BELOW GRADE.
- 10. ALL CMU SHALL BE LAID IN RUNNING BOND PATTERN.
- 11. GROUT FILL ALL CELLS THAT CONTAIN REINFORCING.



TYPICAL ANCHOR ROD

#### METAL STUD FRAMING:

- 1. ALL COLD-FORMED STEEL FRAMING SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND IN ACCORDANCE WITH THE LATEST EDITION OF "SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" BY THE AMERICAN IRON AND STEEL INSTITUTE. STEEL FOR 14 AND 16 GA STUDS SHALL HAVE A MINIMUM YIELD STRENGTH OF 50 KSI. STEEL FOR ALL 18 AND 20 GA. STUDS AND JOISTS, AND FOR ALL GA. OF TRACK, ACCESSORIES AND BRIDGING SHALL HAVE A MINIMUM YIELD STRENGTH OF 33 KSI. STEEL SHALL BE GALVANIZED AND SHALL HAVE A MINIMUM G-60 COATING.
- 2. EXTERIOR WALL STUDS ARE AS A MINIMUM SHALL BE THE SIZE AS INDICATED BELOW. SPACE ALL WALL STUDS AT 16" O.C. MINIMUM SECTION PROPERTIES FOR STUDS SHALL BE:

#### NON-LOAD BEARING WALL STUD PROPERTIES:

600S162-43 (18 GA)

**LOAD BEARING WALL STUD PROPERTIES:** 

600S162-54 (16 GA)

- 3. PROVIDE DEEP LEG DEFLECTION TRACK AT STUD TO STRUCTURAL FRAME CONNECTIONS.
- 4. FOR METAL STUD SIZES NOT SPECIFICALLY LISTED REFERENCE CURTAIN WALL/ LIGHT GAGE STRUCTURAL FRAMING PRODUCTS MANUAL BY DIETRICH INDUSTRIES, INC. (ICBO #4784P)
- 5. ATTACH RUNNER TO FLOOR SLAB WITH 1/2" ANCHORS SPACED AT 48" OC MIN
- 6. PROVIDE COLD ROLLED CHANNEL LATERAL STUD BRACING AS REQUIRED. ATTACH LATERAL STUD BRACING TO EACH STUD AS RECOMMENDED BY METAL STUD MANUFACTURER.
- 7. POSITION STEEL STUDS VERTICALLY IN RUNNERS AND ANCHOR EACH STUD TO RUNNERS WITH FOUR #8-18 SCREWS, TWO TOP AND TWO AT BOTTOM WITH ONE SCREW IN EACH FLANGE MIN.
- 8. ALL STUDS SHALL HAVE STANDARD PRE PUNCHED HOLES IN WEBS. PRE PUNCHED HOLES SHALL NOT BE LOCATED WITHIN 10 INCHES OF THE STUD SUPPORT LOCATIONS.
- 9. USE FLUX COVERED, MILD STEEL ELECTRODES AWS E-6012, E-6013, OR E-7014 FOR WELDING STEEL STUDS. ALL WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AWS PROCEDURES. CONSULT MANUFACTURER FOR EQUIPMENT RECOMMENDATIONS AND PROPER ELECTRODE SELECTION. TOUCH UP WELDED AREAS WITH A ZINC RICH PAINT.
- 10. MEMBER CONFIGURATIONS & CONNECTIONS SHOWN ON THE DRAWINGS ARE SCHEMATIC & ARE INTENDED ONLY TO SHOW RELATIONSHIPS OF MEMBERS & INFORMATION FOR PRICING & BIDDING PURPOSES.
- 11. CONTRACTOR/FABRICATOR IS RESPONSIBLE FOR THE DESIGN & DETAILING OF ALL LIGHTGAGE STEEL FRAMING & SHALL RETAIN A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF WHERE THE PROJECT IS LOCATED TO PERFORM SUCH. THE ENGINEER SHALL SEAL & SIGN BOTH CALCULATIONS & SHOP DRAWINGS. UPON COMPLETION OF THE LIGHTGAGE FRAMING ERECTION THE ENGINEER SHALL FURNISH A LETTER STATING THAT THE LIGHTGAGE FRAMING WAS INSTALLED IN ACCORDANCE WITH THE APPROVED SHOP DRAWINGS.
- 12. SUBMIT CALCULATIONS & SHOP DRAWINGS FOR DETAILS, FABRICATIONS, & ERECTION OF LIGHTGAGE STEEL FRAMING:
- 12.1. COORDINATE CALCULATIONS WITH SHOP DRAWINGS. 12.2. DRAWINGS SHALL CLEARLY INDICATE LOCATION OF DETAILS FOR ERECTION. 12.3. DRAWINGS SHALL INCLUDE LAYOUT, SPACING, TYPE, MATERIAL MEMBER PROPERTIES, & ALL DETAILS OF CONNECTIONS INCLUDING TYPE, SIZE, & SPACING OF CONNECTORS.
- 12.4. PROVIDE CALCULATIONS FOR ALL TYPICAL & NON-TYPICAL CONNECTIONS & FOR ATTACHMENT TO PRIMARY STRUCTURAL FRAME.
- 13. SHOP DRAWINGS SHALL BE REVIEWED BY THE CONTRACTOR PRIOR TO SUBMISSION & SHALL BEAR THE CONTRACTOR'S STAMP ACCEPTING RESPONSIBILITY FOR DIMENSIONS. QUANTITIES & COORDINATION WITH THE OTHER
- 14. FLOOR OR ROOF JOISTS & RAFTERS SHALL HAVE SOLID BLOCKING, A FITTED CS TYPE CLOSURE OR JOIST SECTION, PLACED BETWEEN OUTER JOISTS, OVER ALL INTERIOR SUPPORTS, ADJACENT TO OPENINGS & @ 8'-0" OC MAXIMUM. BETWEEN SOLID BLOCKING PROVIDE STRAP BRACING OF 1 ½"x20 GA STRAPS. JOIST BRIDGING SHALL BE PROVIDED AT MID-SPAN OR @ 8'-0" OC MAXIMUM FOR SPANS EXCEEDING 15'-0".
- 15. WHERE STUDS FRAME TO STRUCTURAL FLOOR OR ROOF MEMBERS SUBJECT TO DEFLECTION FROM TRANSIENT OR LIVE LOADING, EITHER A DEEP LEG DOUBLE TRACK OR A "Z" CLIP ASSEMBLY SHALL BE PROVIDED @ THE TOP RUNNER TO ACCOMMODATE VERTICAL STRUCTURAL MOVEMENT, FAILURE TO PROVIDE TOP CONNECTIONS CAPABLE OF ACCOMMODATING MOVEMENT MAY RESULT IN CRUSHING & BUCKLING OF THE STUD MEMBERS & DAMAGE TO ARCHITECTURAL COMPONENTS OR FINISHES.
- 16. FASTENING OF COMPONENTS SHALL BE BY SELF-DRILLING SCREWS.
- 17. SCREWED CONNECTIONS: 17.1. FASTENERS SHALL BE SELF-DRILLING SCREWS BY BUILDEX, COMPASS,
- GRABBER OR APPROVED EQUAL WITH THE CAPACITIES NECESSARY FOR THE REQUIRED DESIGN LOADINGS FOR ALL FRAMING MEMBERS PER MANUFACTORY'S RECOMMENDATIONS. 17.2. MINIMUM SCREW SIZE IS #6.
- 17.3. SCREWS SHALL CONFORM TO ASTM C1513 & C954.
- 17.4. A MINIMUM OF (3) EXPOSED THREADS SHALL PENETRATE THROUGH ALL
- JOINED MATERIALS.
- CORROSION-RESISTENT CADMIUM-PLATED SCREWS SHALL BE USED FOR SCREWS ATTACHING METAL LATH, MASONRY TIES, & OTHER EXTERIOR MATERIALS.

#### STRUCTURAL DRAWINGS

- S101 SPECIFICATIONS
- S201 FOUNDATION PLANS S202 FLOOR FRAMING PLANS

S203 ROOF FRAMING PLANS

- S301 FOUNDATION DETAILS
- S302 FRAMING DETAILS

<u>ABBREVIATIONS:</u> ARCHITECTURAL BOTTOM CHORD \_ BUILDING BEARING BRG \_ BOTTOM CENTER TO CENTER CLEAR COVER COL COLUMN CONT CONTINUOUS DET DETAIL DRAWING EACH EACH FACE **ELEVATION** ELEV EQ EQUAL EACH WAY EXIST EXISTING EXPANSION ANCHOR EXP ANCH EXP JT EXPANSION JOINT FFE FINISHED FLOOR ELEVATION FACE OF CONCRETE F0C FOM FACE OF MASONRY F<sub>0</sub>S FACE OF STEEL GALVANIZED HORIZONTAL HSB HIGH STRENGTH BOLT JST JOIST \_ LONG LEG HORIZONTAL LLH LLV LONG LEG VERTICAL LONG LEG BACK TO BACK MAXIMUM MECHANICAL MASONRY OPENINGS MINIMUM NOT IN CONTACT NOT TO SCALE ON CENTER OUT-TO-OUT REFERENCE

REINFORCE

REQUIRED

SECTION

SHEET

SIMILAR

TOP OF WALL

WORKING POINT

TYPICAL

VERTICAL

STANDARD

TOP OF FOOTINGS

UNLESS NOTED OTHERWISE

WELDED WIRE FABRIC

TOP OF MASONRY

TOP OF STEEL

REQ'D

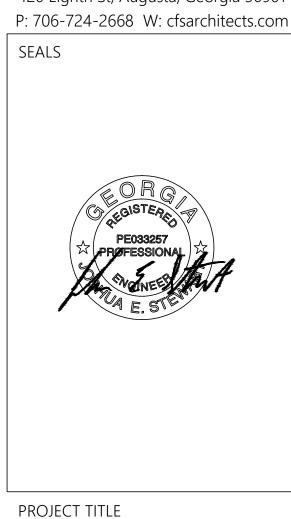
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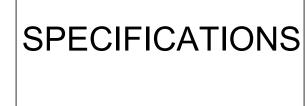
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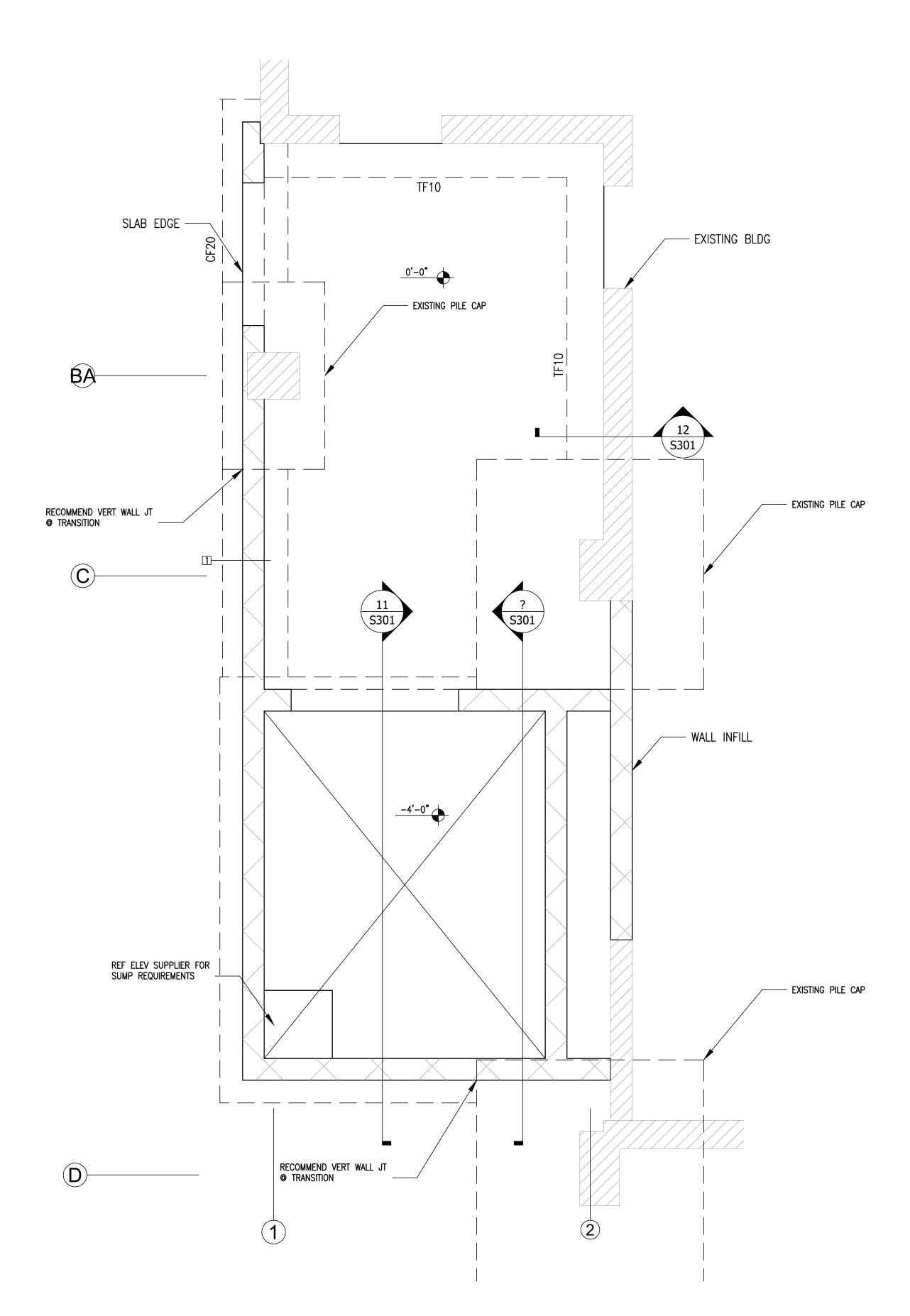
# W.C. ERVIN

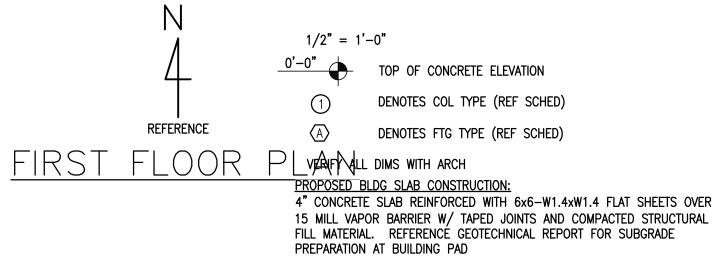
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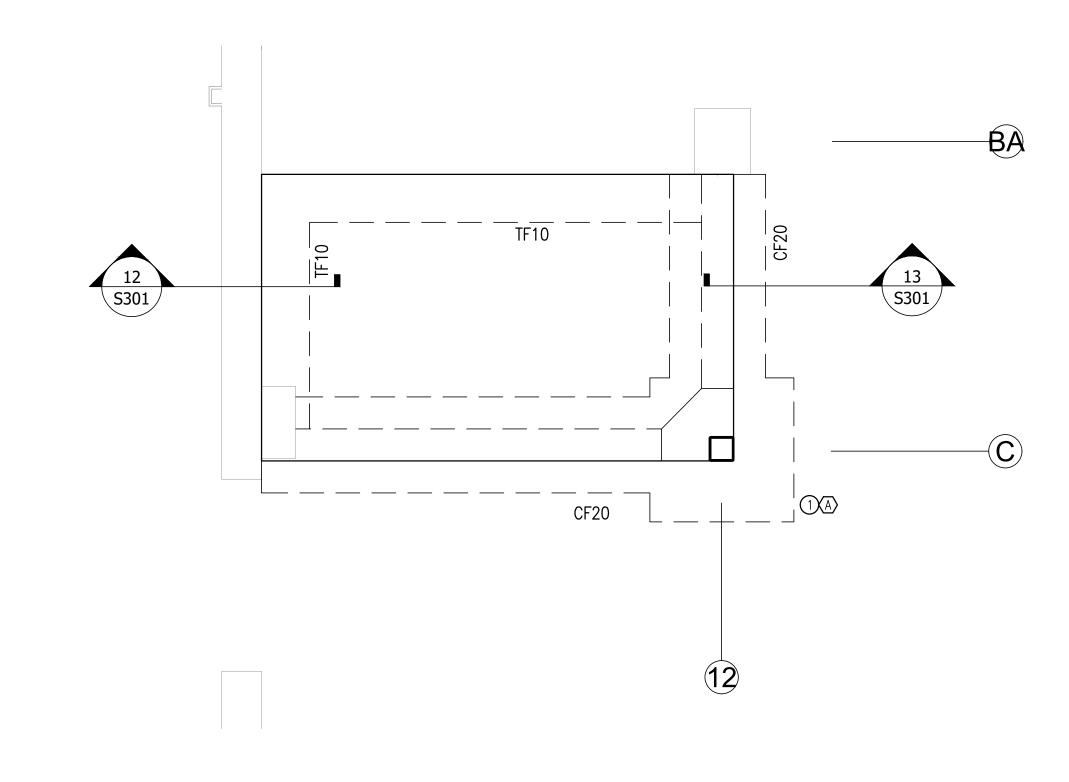


$\triangle$	XX/XX/20XX	PHASE OR ISSUE
MARK	DATE	DESCRIPTION

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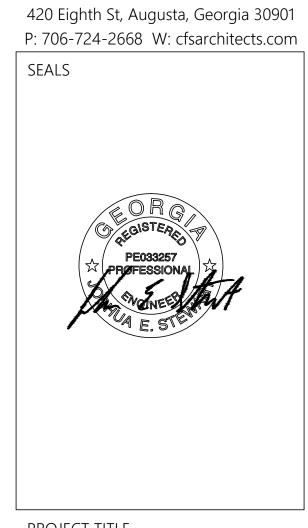




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MARK	F0	OTING SIZ	ĽE		REINFO	RCING					COM	MENT	
IMICILITY	W	L	Н	LONGIT	UDINAL	JDINAL TRANSVERSE				COMI	IVILINI		
TF10	1'-0"	CONT	16"	2-	-#5	#3	<b>@</b> 48"	oc					
CF20	2'-0"	CONT	12"	2-	-#5	#3	#3 @ 48" OC		TYP @ PERIMETER				
Α	4'-0"	4'-0"	12"	4-	-#5		4-#5						
(	CMU WALL REINFORCING SCHEDULE												
WALL TYPE	WALL TI	HICKNESS	VERT	WALL REINF	ALL REINF HORIZ WALL REINF ENDWALL REIN			IF	СОМ	MENTS			
1	l	8"	#6	@ 48"OC	48" OC #6 @ 48" O		" O.C. (4) #6				D BEARING UNO		_
	COLUMN SCHEDULE												
MARK		COLUI	VIN SIZE		BASE	PLATE		AN	NCHOF	RS	СОМ	MENTS	
1		HSS	6x6x <del>1</del>		₹"x12	2"x1-0"		(4) <sup>3</sup> / <sub>4</sub> "	'x9" E	EMBED			

FLOOR FRAMING PLANS

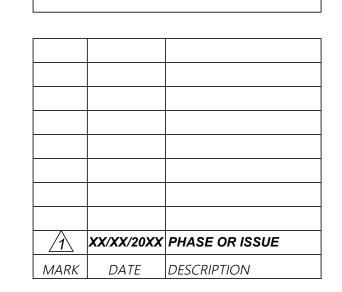




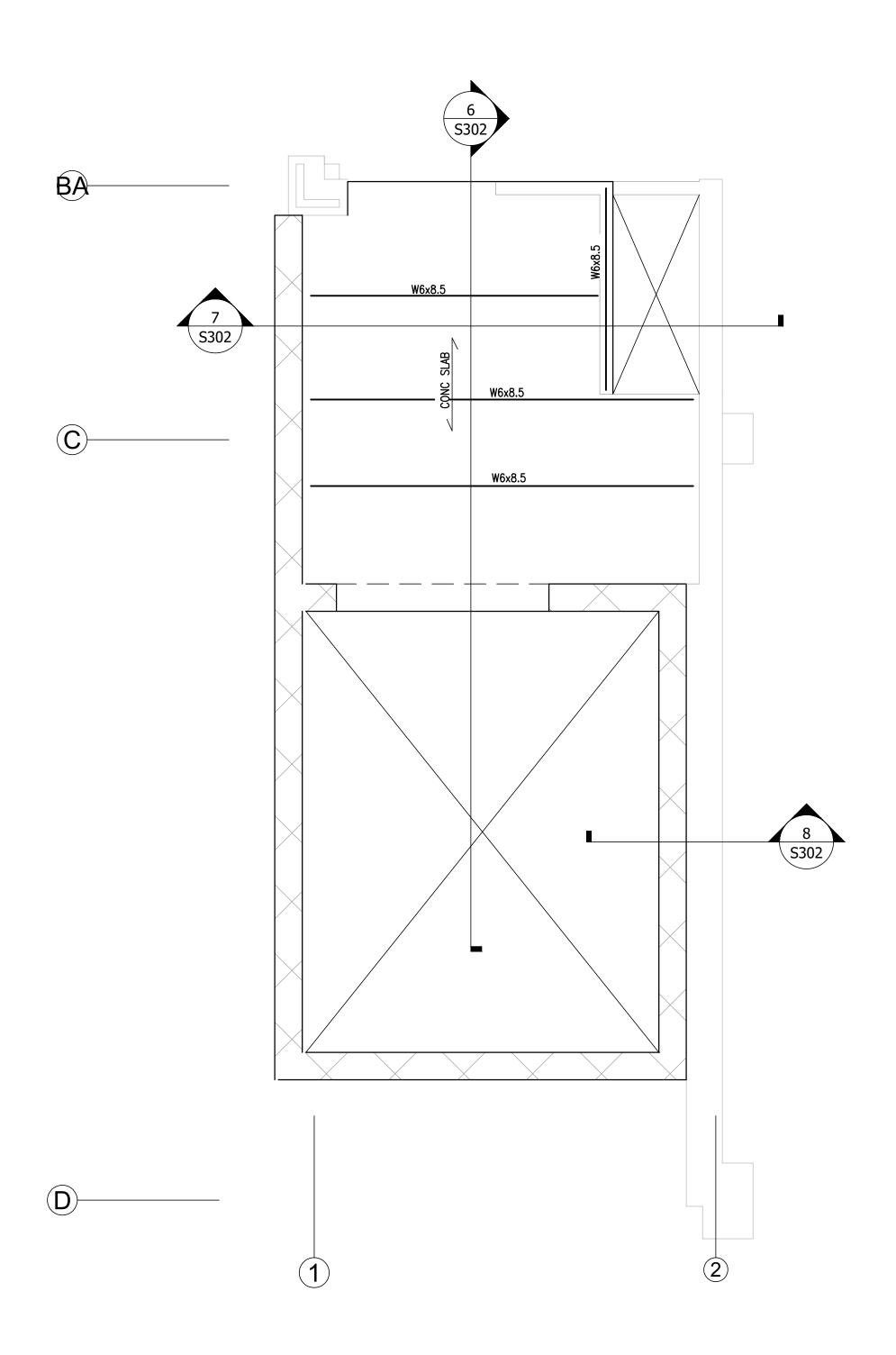
PROJECT TITLE
W.C. ERVIN
TOWERS

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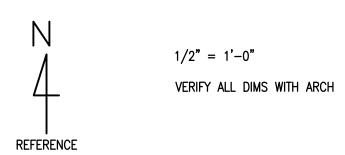
FOUNDATION PLANS



PROJECT NO: 20XXXXXX FILE: 20221006 ERVIN TOWERS DRAWN BY: ACE CHK'D BY: JES

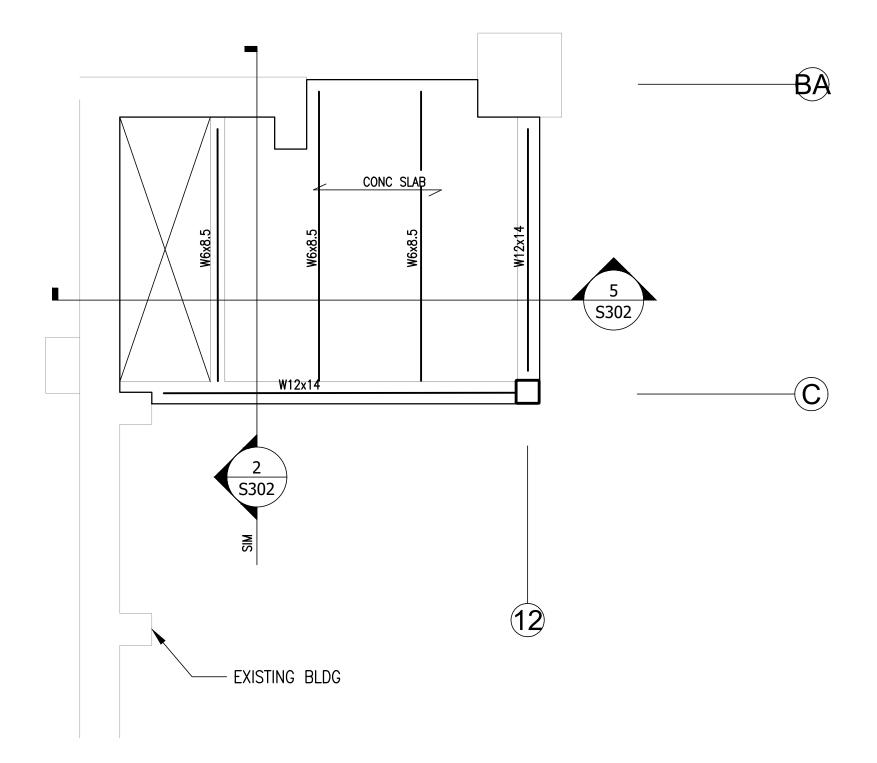


# FIRST FLOOR PLAN



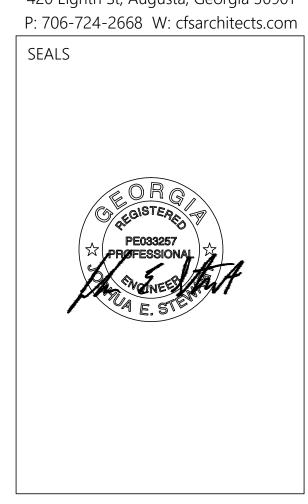
TYPICAL FLOOR CONSTRUCTION:

3" (2 1/2" CLEAR) NW CONCRETE OVER 9/16"-22 GA GALV FORM METAL DECK. REINFORCE SLAB W/ 6x6-W1.4xW1.4 FLAT SHEETS SUPPORTED ON BOLSTER CHAIRS. SET FLAT SHEETS 1 1/8" ABOVE DECK. REFERENCE ARCHITECTURAL FOR UL DESIGN NO.





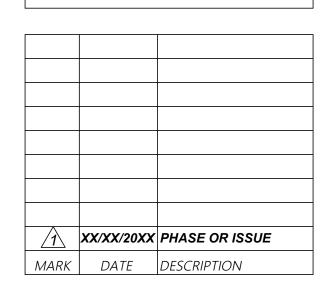
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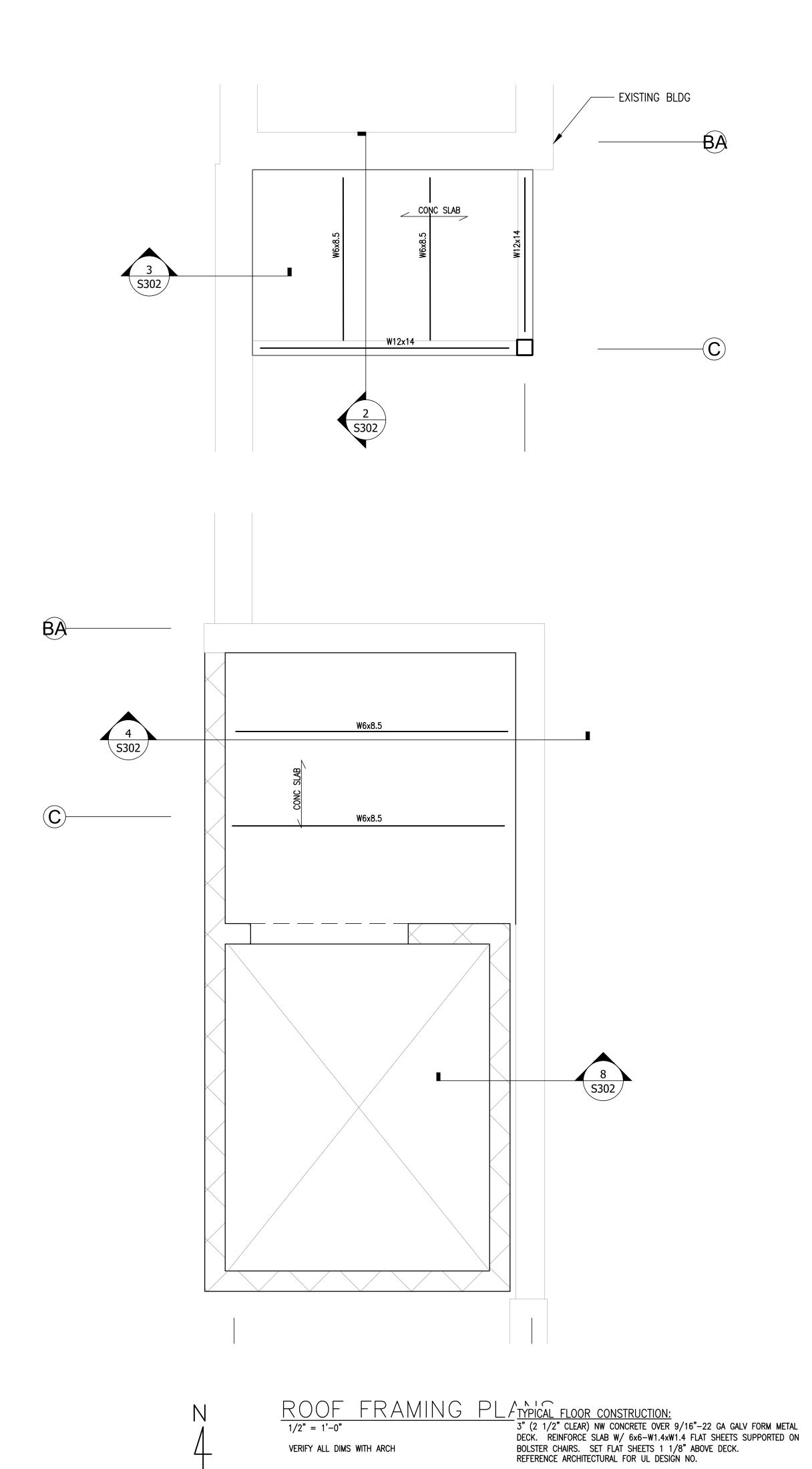
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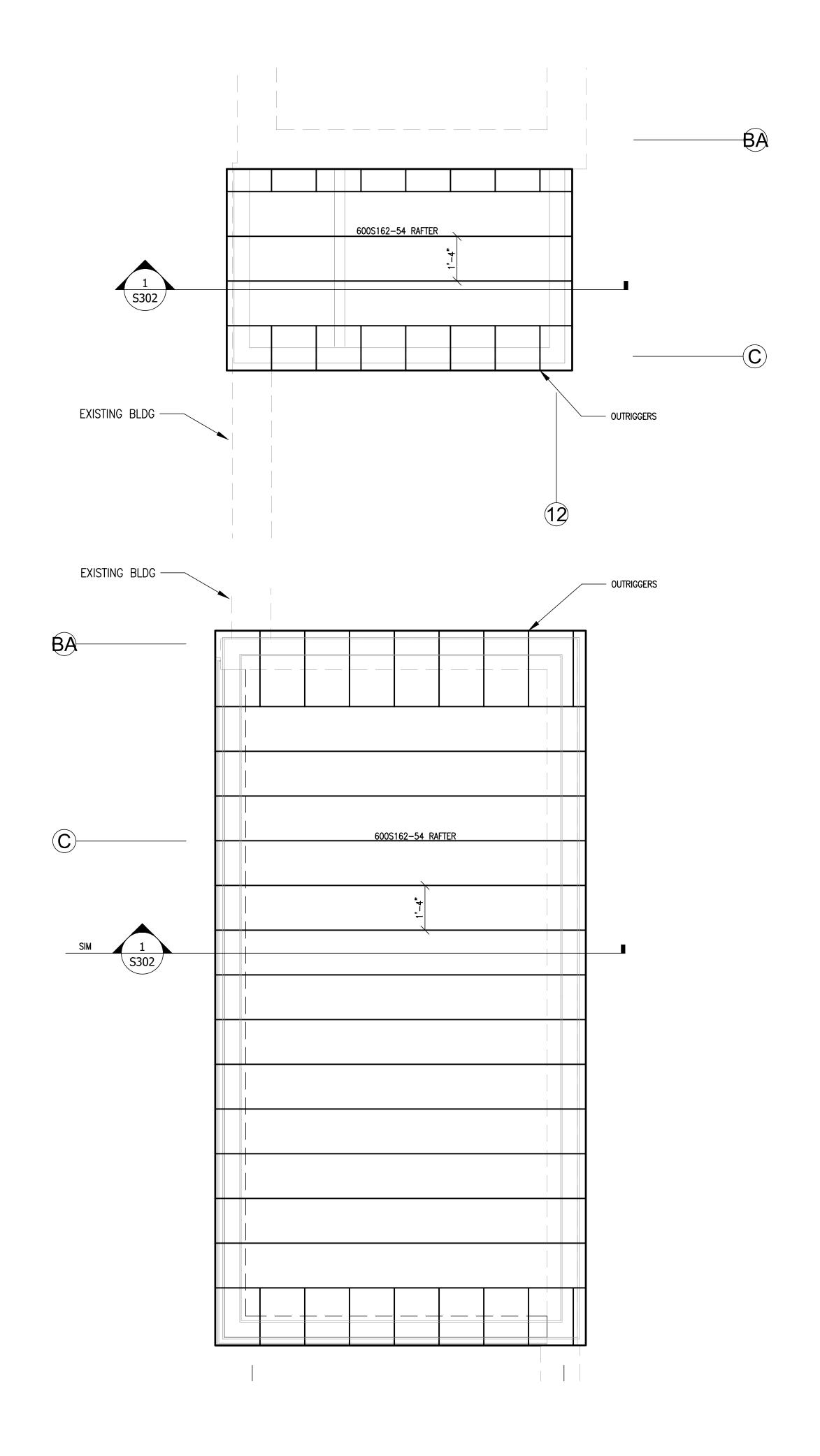
FLOOR FRAMING PLANS



PROJECT NO: 20XXXXXX FILE: 20221006 ERVIN TOWERS DRAWN BY: ACE CHK'D BY: JES



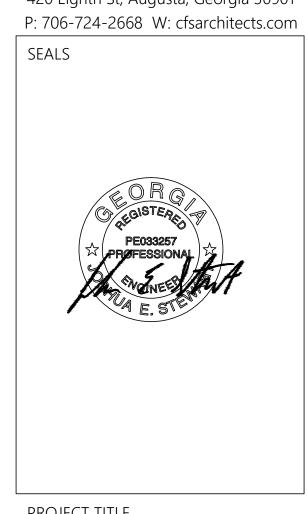
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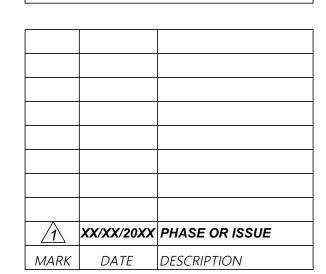
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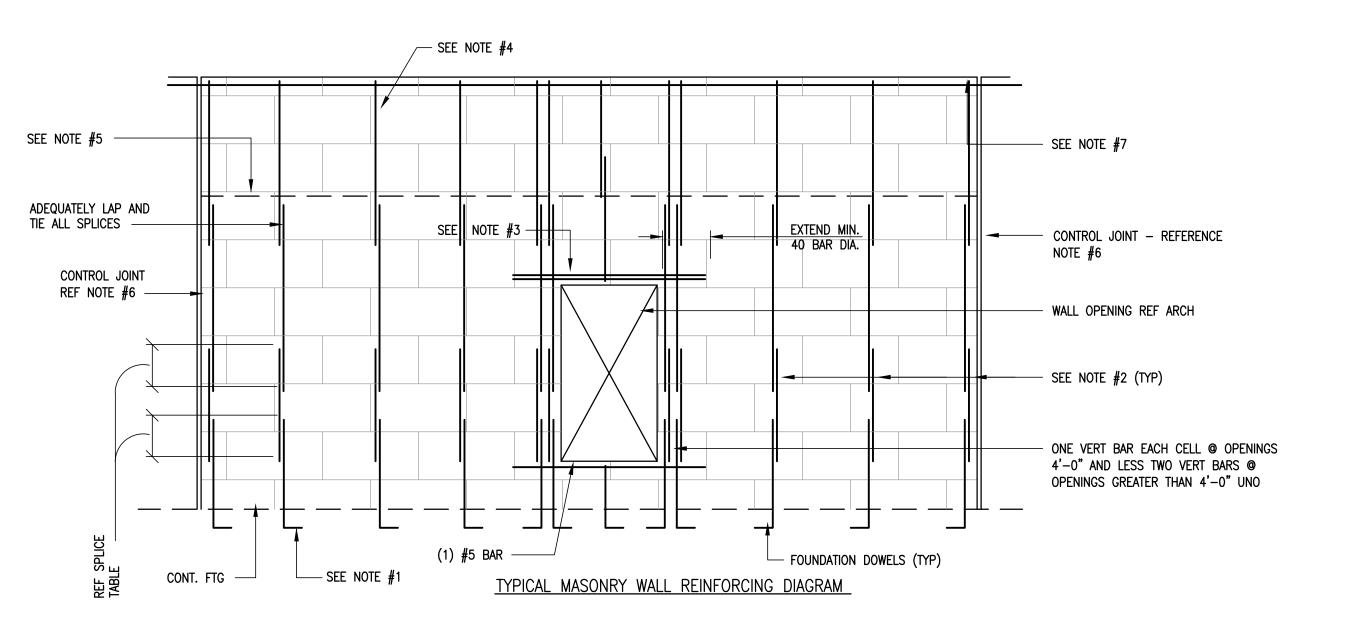
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ROOF FRAMING PLANS



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#### MASONRY WALL REINFORCING NOTES:

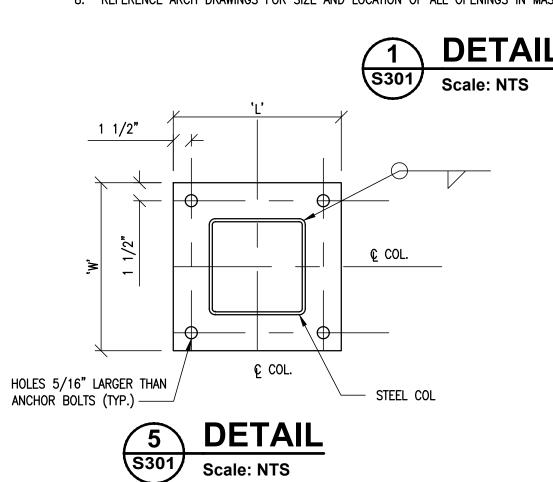
- 1. VERTICAL WALL REINFORCING SHALL ALIGN WITH VERTICAL FOUNDATION DOWELS. DOWELS SHALL BE PLACED IN CENTER OF CMU WALL WITH ACI STANDARD HOOK. PLACE HOOKS DIRECTLY ON TOP OF BOTTOM LAYER OF FOOTING REINFORCING.
- 2. TYPICAL VERTICAL WALL REINFORCEMENT SHALL BE PLACED IN CENTER OF WALL. GROUT CELLS FULL THAT CONTAIN REINFORCEMENT. FOR CLARITY, ALL VERTICAL AND HORIZONTAL REINFORCING IS SHOWN CONTINUOUS, HOWEVER VERTICAL REINF SHALL BE LAPPED AND SPLICED TO ACCOMMODATE MAXIMUM GROUT LIFTS OF 4'-0" AND HORIZONTAL BARS SHALL BE LAPPED AND SPLICED AS REQUIRED. ALL VERTICAL BARS SHALL BE ACCURATELY LOCATED WITHIN THE CELL WITH REBAR POSITIONERS PRIOR TO PLACING GROUT IN CELLS. REF SPLICE TABLE FOR ALL LAPS UNLESS NOTED OTHERWISE.
- 3. REF LINTED DETAIL 2/S5.1
- 4. ALL VERTICAL REINFORCING SHALL STOP 2" CLEAR FROM TOP OF WALL UNLESS NOTED OTHERWISE.
- 5. REF SCHED FOR WALL REINF
- 6. MASONRY CONTROL JOINTS SHALL BE DISCONTINUOUS AT ALL BOND BEAMS AND SHALL NOT EXTEND BELOW GRADE.
- 7. REFERENCE PLANS, SECTIONS, AND DETAILS FOR SIZE AND LOCATION OF BOND BEAMS AND QUANTITY OF REINFORCING. PROVIDE CORNER BARS AT ALL BOND BEAM INTERSECTIONS TO MATCH HORIZONTAL REINF
- 8. REFERENCE ARCH DRAWINGS FOR SIZE AND LOCATION OF ALL OPENINGS IN MASONRY WALLS.

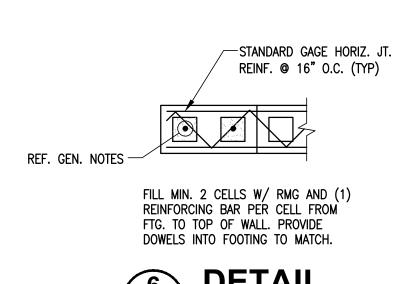
CONT FTG REINF

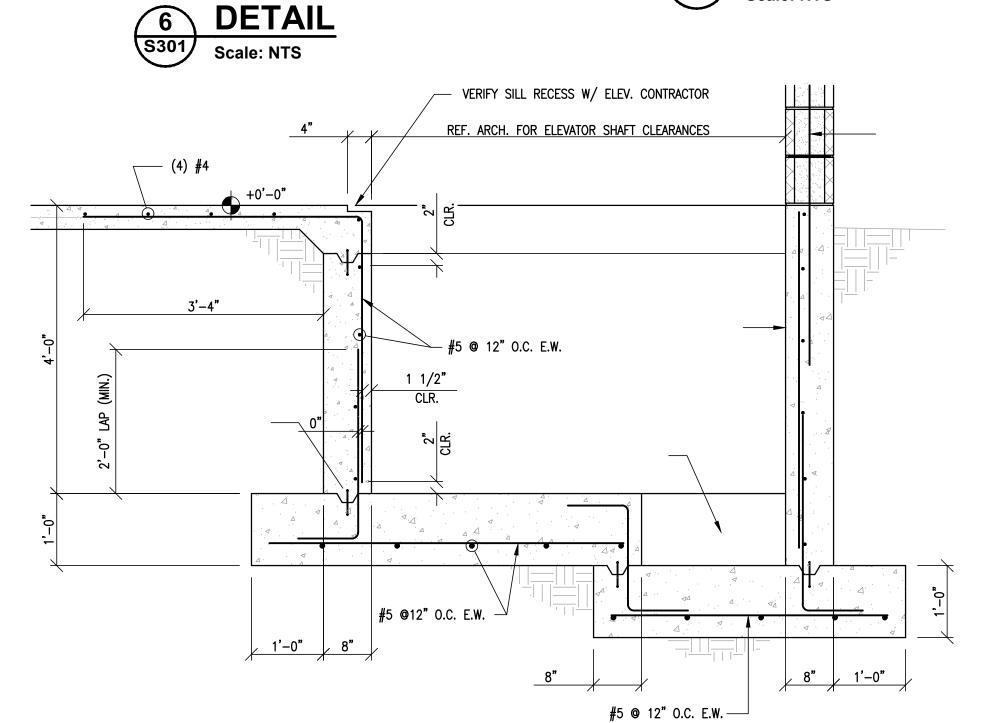
BENT CORNER REINF, MATCH CONT FTG REINF

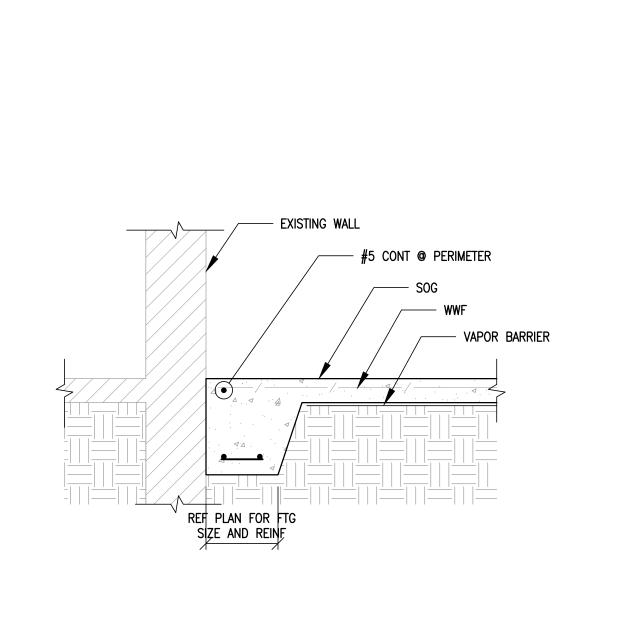
TYPICAL FTG CORNER REINF

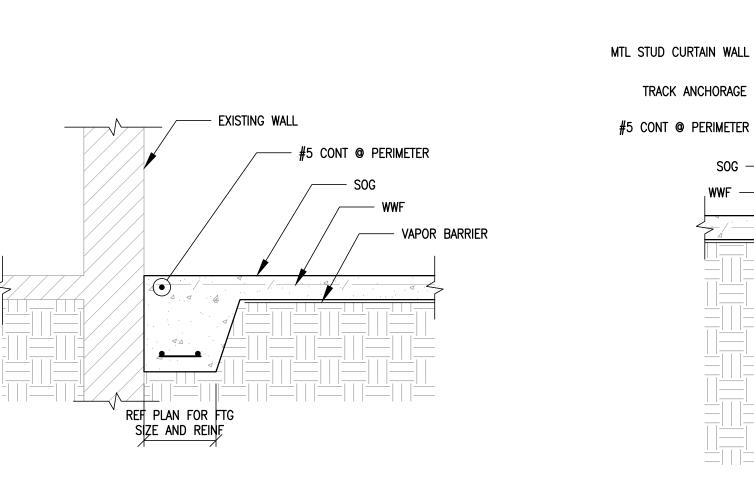
10 DETAIL

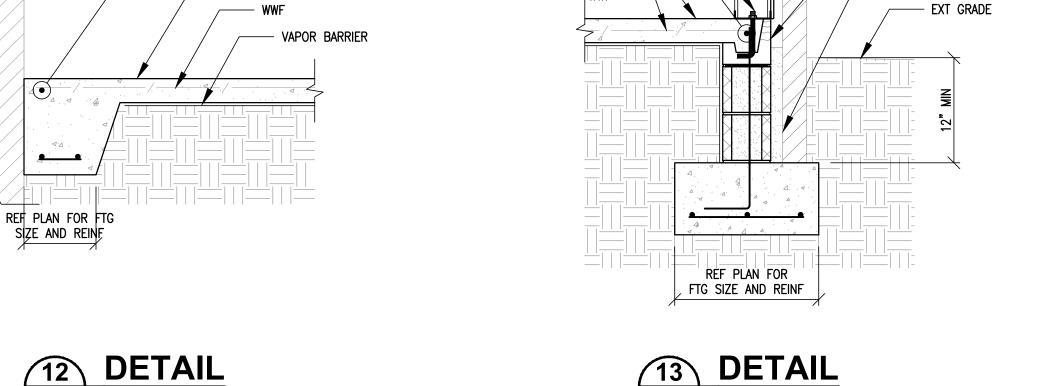






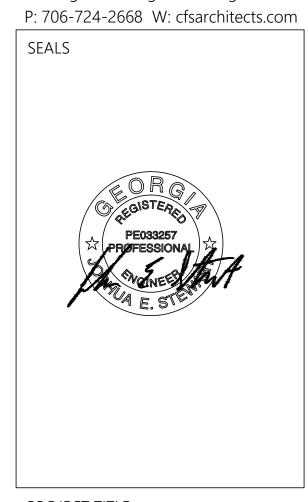








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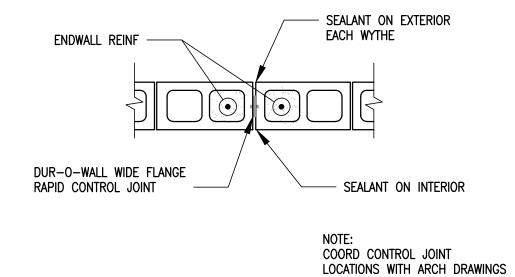
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FOUNDATION **DETAILS** 

 SLUSH JT BTWN WYTHES BELOW GRADE / XX/XX/20XX PHASE OR ISSUE MARK DATE DESCRIPTION

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**S301** 



DETAIL
Scale: NTS

S301 Scale: NTS

VENEER

- CMU HEADER BLOCK

VERTICAL REBAR POSITIONER @ 48"

O.C. AT EACH REINFORCED

CELL (HOT DIPPED GALV.)

TYPICAL REINF POSITIONER

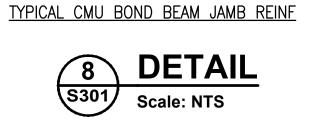
4 DETAIL

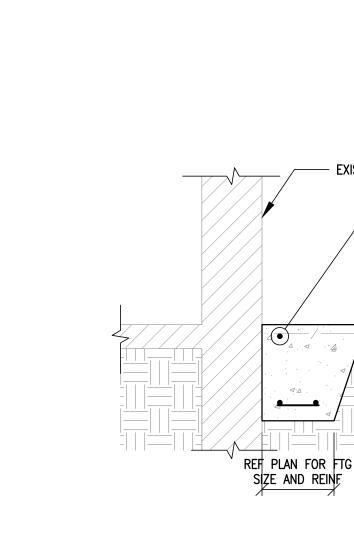
REF WALL TYPE SCHED FOR ENDWALL REINF, PROVIDE DOWELS INTO FTG TO MATCH TYPICAL REINF @ CONTROL JOINTS

INSIDE Ø MUST

BE A MIN 4db

- INSIDE Ø MUST BE MIN. 4db





#4 @ 16" OC

S <= 10'-0"

CONVENTIONAL LINTELS

VERT JAMB STEEL SHALL BE CONT THROUGH LINTEL BEARING, TYP

CONVENTIONAL LINTELS MUST BE SHORED UNTIL GROUT HAS CURED FOR 7 DAYS

SEE MASONRY OPENING DETAIL FOR JAM REINF REQUIREMENTS

DEPTH REFERS TO THE GROUTED DEPTH ABOVE THE OPENING

WHEN FORMED EDGE IS STRIPPED,

TOP) DO NOT TOOL.

✓ PREFORMED METAL KEYWAY

TYPICAL CONSTRUCTION JOINT

SAWCUTTING SHALL BE PERFORMED 4-8 HOURS

TYPICAL CONTROL JOINT "CJ"

AFTER PLACING CONCRETE.

7 DETAIL

Scale: NTS

LIGHTLY GRIND. (DEBURR EDGE @

NOTE: FILL JOINT IF CRACK IS

END WALL REINF ----

LINTELS SHALL EXTEND 16" PAST EA SIDE OF OPENINGS

REF ARCH FOR OPENING SIZES AND LOCATIONS

S <= 10'-0"

MIN. (3) BARS, ONE PER CELL

HORIZ. BAR

TYP CORNER CMU REINF.

DETAIL

BOND BEAM W/ HORIZ

REINF, REF WALL TYPE

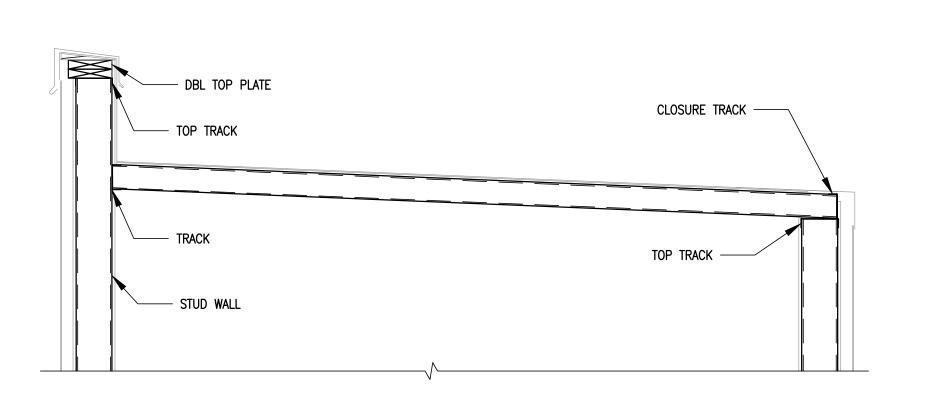
SCHED FOR SPC











1 DETAIL S302 Scale: 3/4"=1'-0"

PERIMETER ANGLE

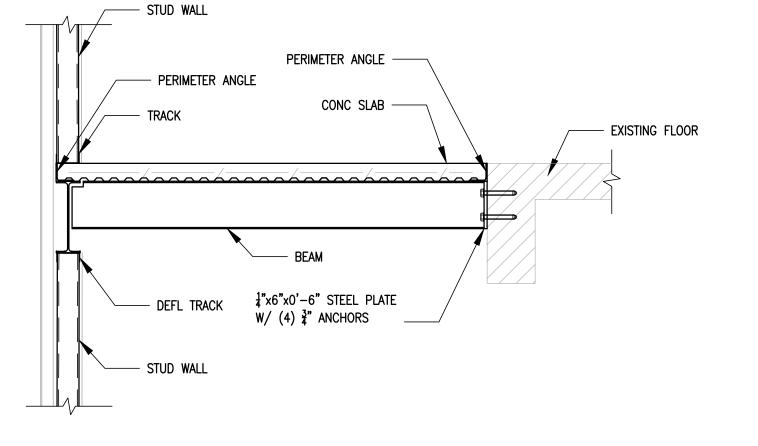
CONC SLAB ---

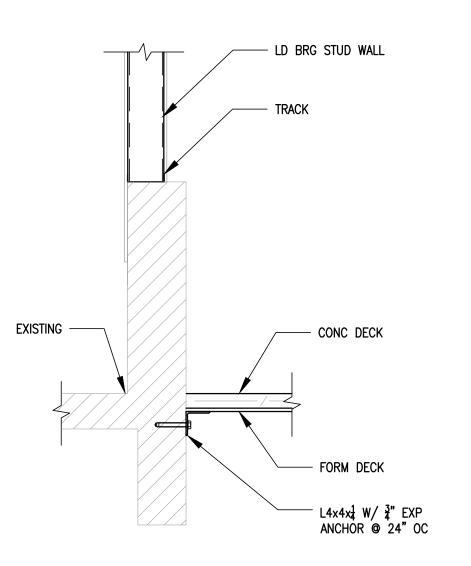
- EXISTING FLOOR

- PERIMETER ANGLE

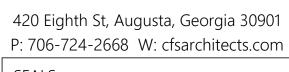
8" CMU —

3" BOND BEAM ——

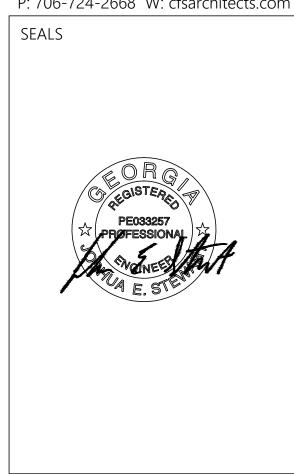




3 DETAIL S302 Scale: 3/4"=1'-0"



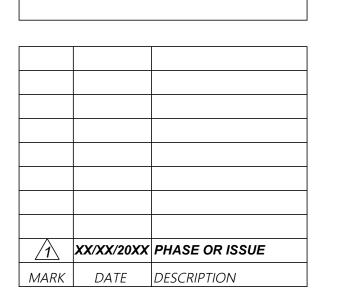
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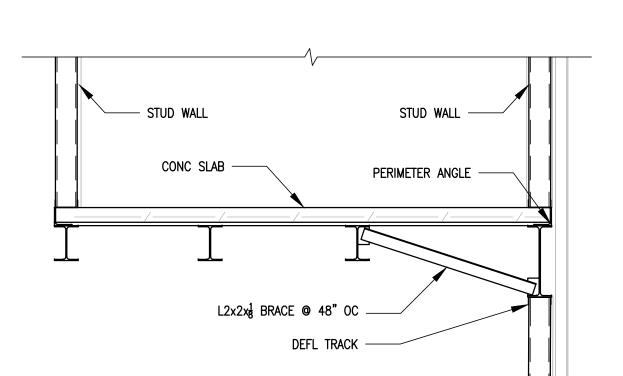
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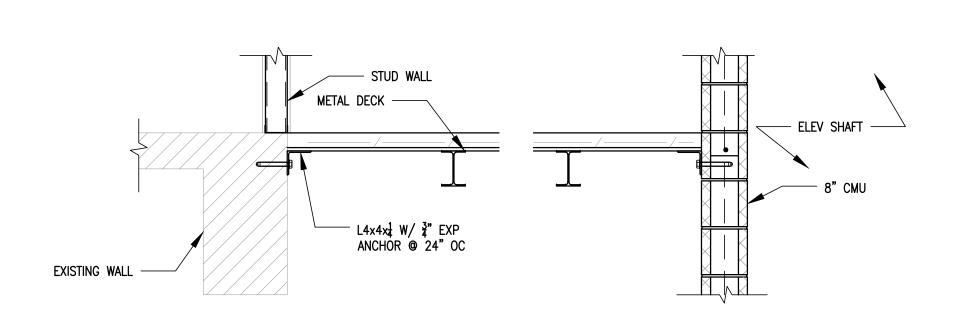




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2 DETAIL S302 Scale: 3/4"=1'-0"



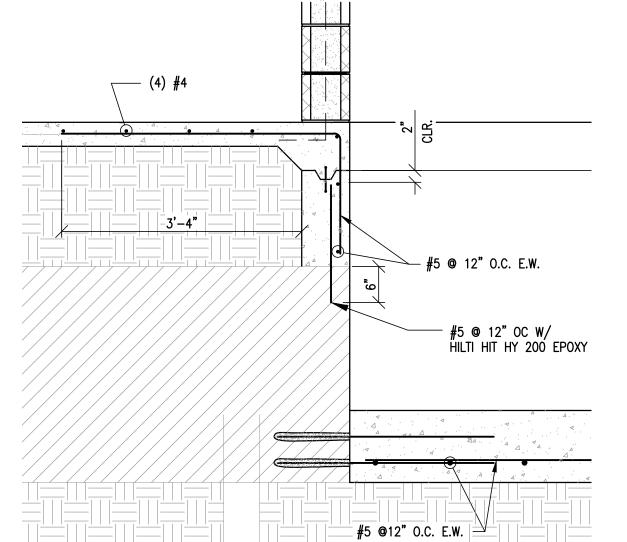


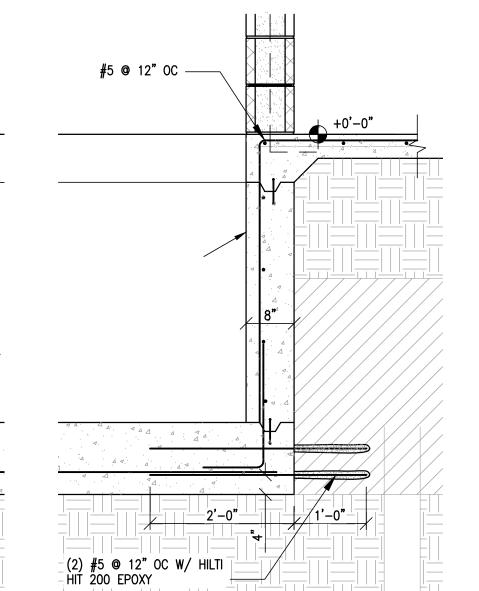
6 DETAIL
S302 Scale: 3/4"=1'-0"

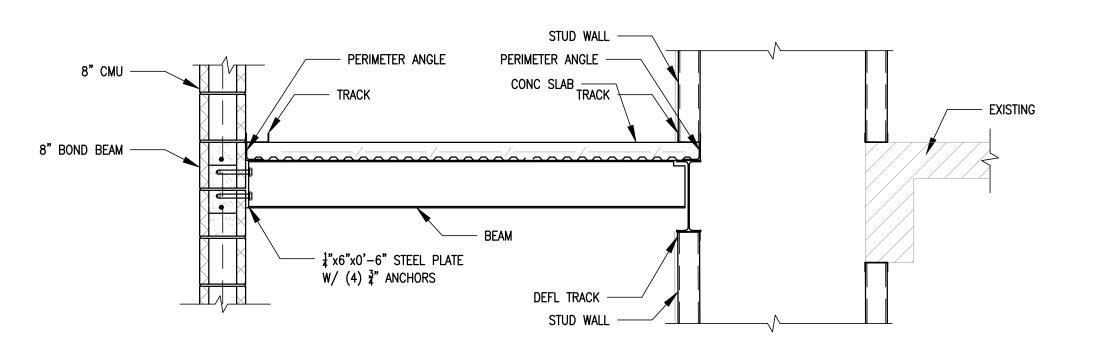


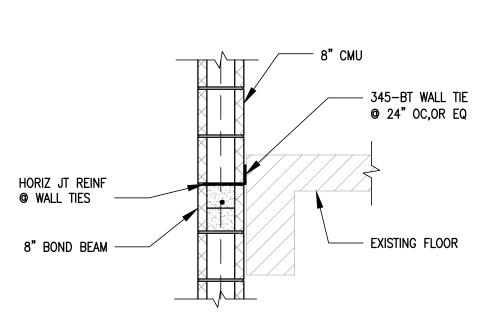
 $\frac{1}{4}$ "x6"x0'-6" STEEL PLATE W/ (4)  $\frac{3}{4}$ " ANCHORS









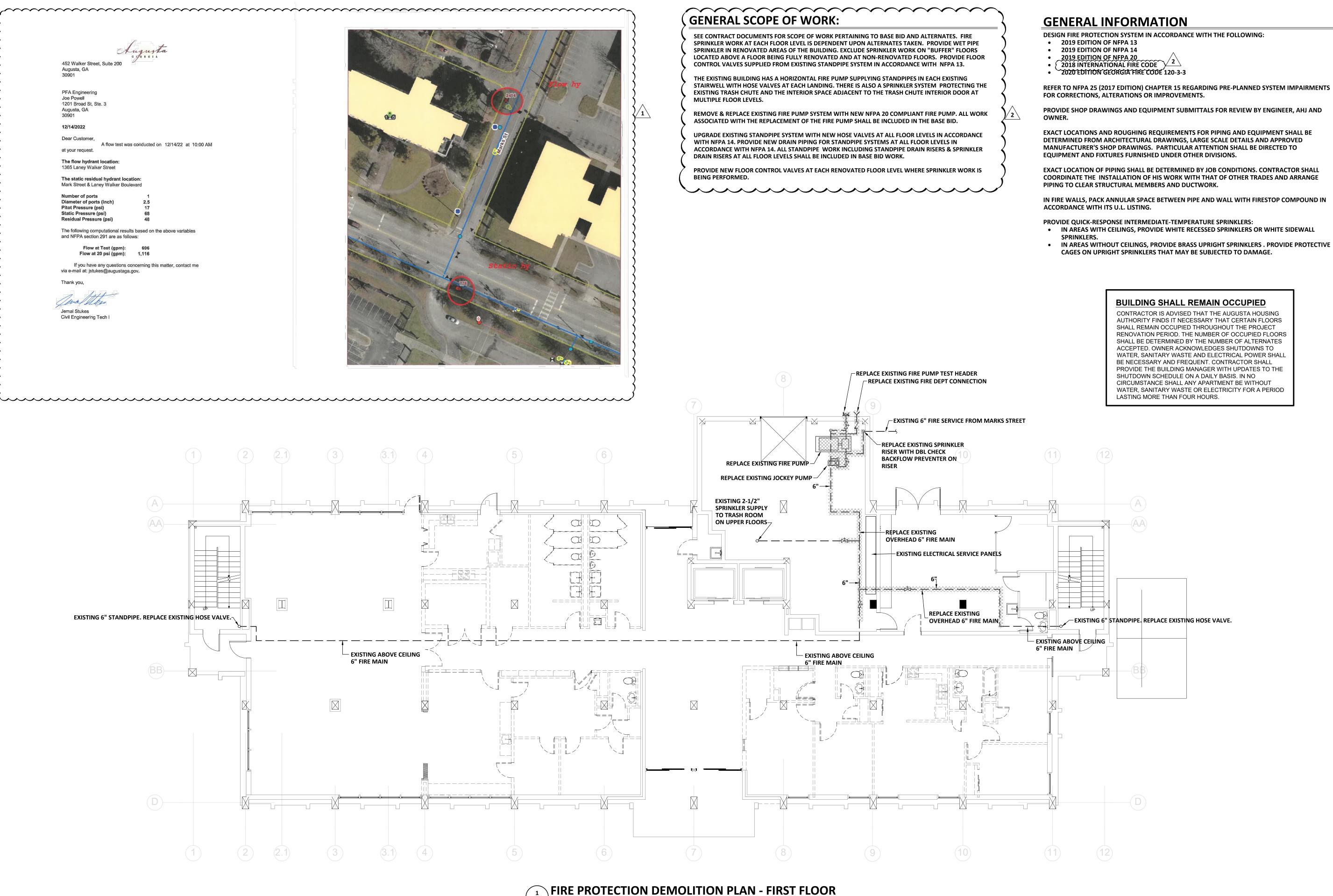


EXISTING FLOOR









FP100 SCALE: 1/8" = 1'-0"

**EXACT LOCATIONS AND ROUGHING REQUIREMENTS FOR PIPING AND EQUIPMENT SHALL BE** 

**EXACT LOCATION OF PIPING SHALL BE DETERMINED BY JOB CONDITIONS. CONTRACTOR SHALL** COORDINATE THE INSTALLATION OF HIS WORK WITH THAT OF OTHER TRADES AND ARRANGE

IN FIRE WALLS, PACK ANNULAR SPACE BETWEEN PIPE AND WALL WITH FIRESTOP COMPOUND IN



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FIRE **PROTECTION DEMOLITION** PLAN - FIRST FLOOR

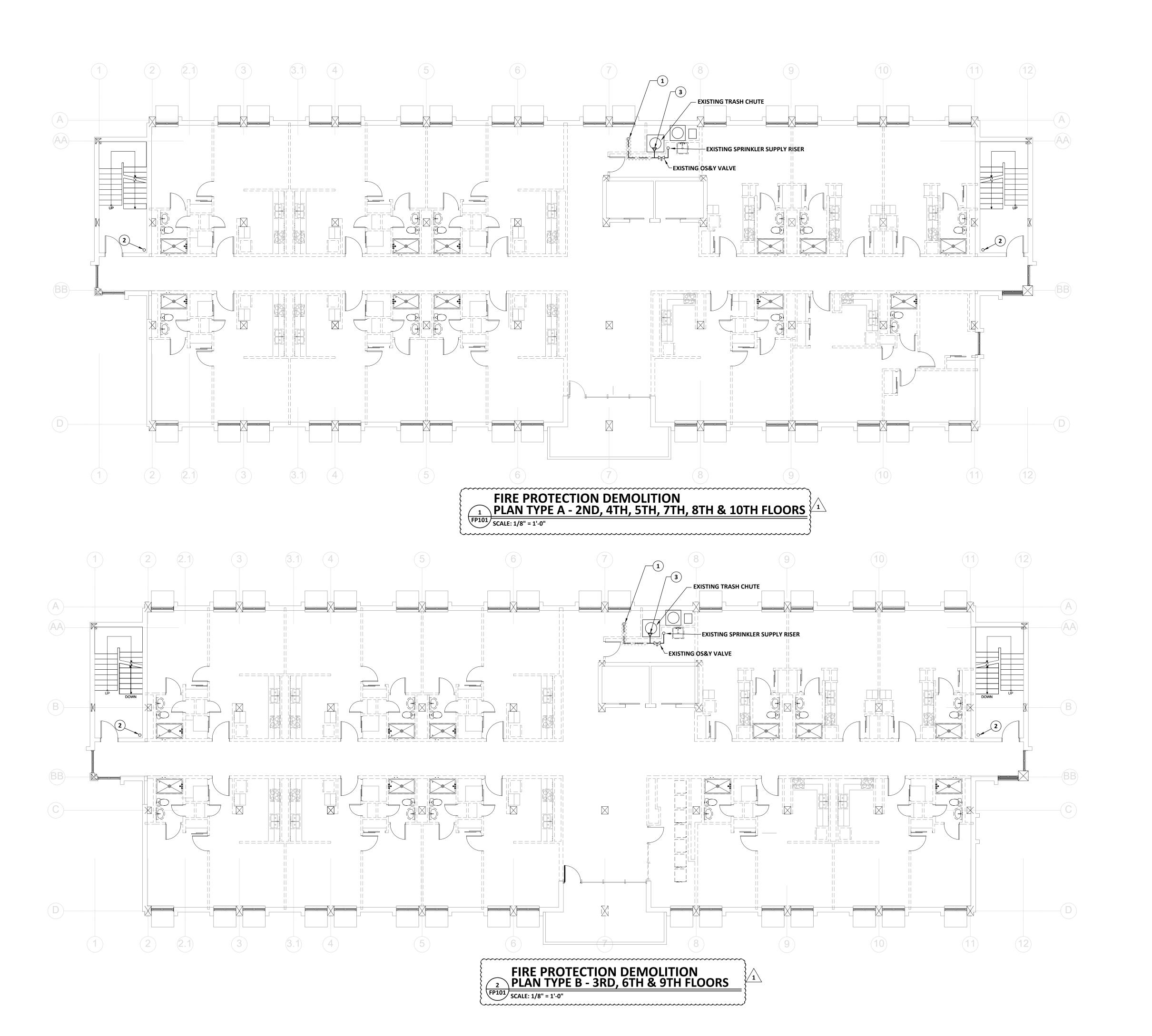
<u>1</u>	12/23/2022	ADDENDUM
<b>2</b>	1/10/2023	ADDENDUM
MARK	DATE	DESCRIPTION

PROJECT NO: FILE: 20221006 ERVIN TOWERS

DRAWN BY: JCP CHK'D BY: JCP

PLOT DATE: 01/10/23 FILENAME: 20080FP1 PLOT SCALE: 1 = 96

FP100



**DEMOLITION KEYNOTES:** 

(THIS SHEET ONLY)

1 REMOVE EXISTING UPRIGHT SPRINKLER AND ASSOCIATED PIPING BACK TO TEE SUPPLY IN SPRINKLER IN CHUTE.

2 EXISTING 6" STANDPIPE. REPLACE EXISTING HOSE VALVE.

3 REPLACE EXISTING SIDEWALL SPRINKLER IN TRASH CHUTE AT FLOORS 2, 4, 6, 8

EXISTING 6" STANDPIPE
WITH OS&Y VALVE AT BASE

FIRE PROTECTION

DEMOLITION PLAN - ROOF LEVEL

FP101 SCALE: 1/8" = 1'-0"

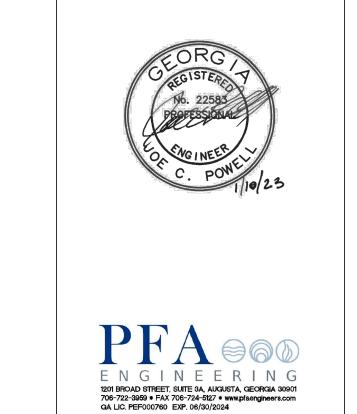
-AA

(4) REPLACE THE THREE EXISTING HOSE VALVES AT ROOF



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FIRE PROTECTION **DEMOLITION** PLAN TYPE A & B FLOORS 2-6

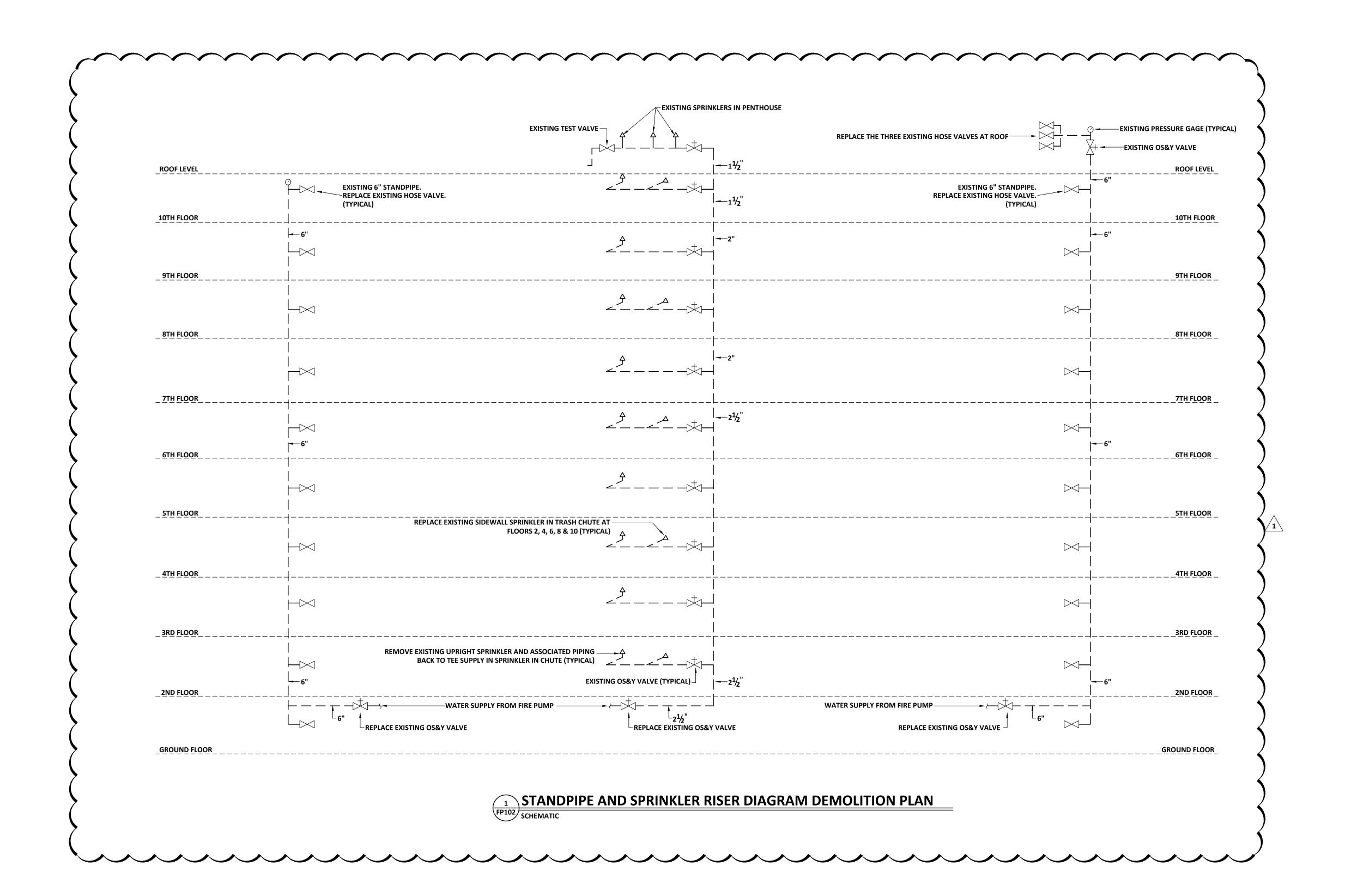
1	1/10/2023	ADDENDUM
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ЛARK	DATE	DESCRIPTION

PROJECT NO: FILE: 20221006 ERVIN TOWERS

DRAWN BY: JCP CHK'D BY: JCP

FP101

PLOT DATE: 01/10/23 FILENAME: 20080FP1 PLOT SCALE: 1 = 96
JCP





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STANDPIPE AND SPRINKLER RISER DIAGRAM DEMOLITION PLAN

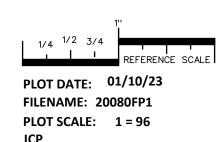
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MARK	DATE	DESCRIPTION

PROJECT NO:

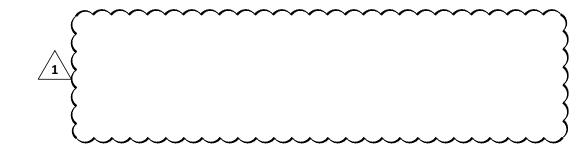
FILE: 20221006 ERVIN TOWERS

DRAWN BY: JCP

CHK'D BY: JCP



FP102



#### **HAZARD CLASSIFICATION**

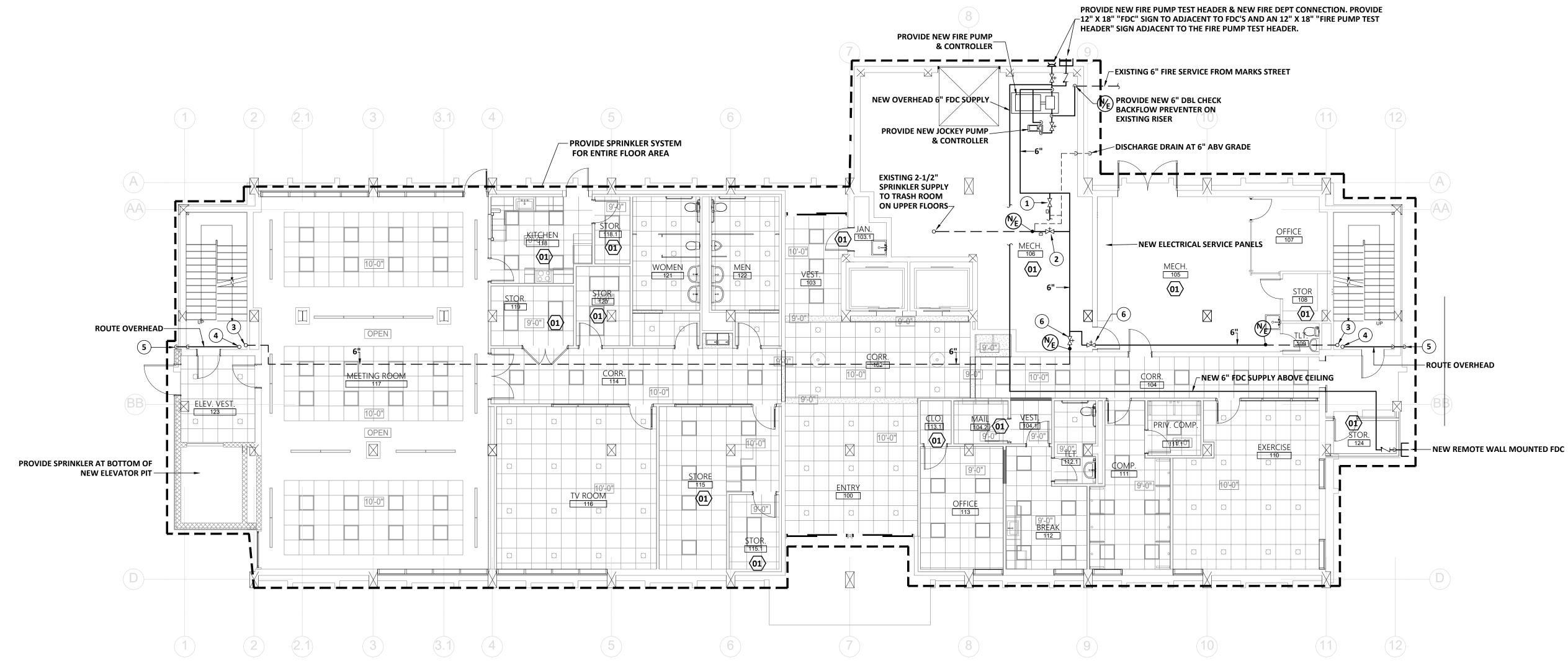
ALL AREAS SHALL BE REGARDED AS LIGHT HAZARD UNLESS NOTED OTHERWISE

**01** ORDINARY HAZARD-GROUP 1

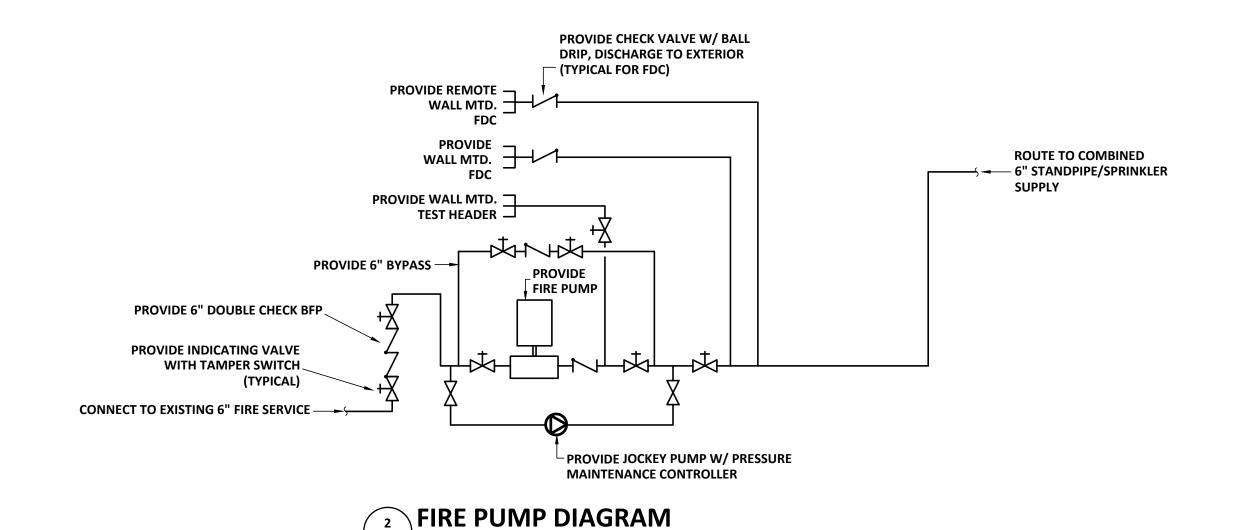
#### **NEW WORK KEYNOTES:**

(THIS SHEET ONLY)

- 1 PROVIDE NEW FLOOR CONTROL VALVE WITH TAMPER SWITCH, FLOW SWITCH AND TEST & DRAIN ASSEMBLY FOR FIRST FLOOR.
- PROVIDE NEW FLOOR CONTROL VALVE WITH TAMPER SWITCH, FLOW SWITCH AND TEST & DRAIN ASSEMBLY FOR EXISTING TRASH ROOM SPRINKLER SYSTEM.
- 3 EXISTING 6" STANDPIPE. REPLACE EXISTING 2-1/2" HOSE VALVE WITH NEW 2-1/2" PRESSURE REGULATING HOSE VALVE.
- 4 PROVIDE NEW COMBINED 3" DRAIN RISER FOR STANDPIPE TESTING SPRINKLER DRAIN. ROUTE TO UPPER FLOORS.
- (5) DISCHARGE DRAIN AT 6" ABOVE GRADE
- (6) PROVIDE NEW INDICATING VALVE WITH TAMPER SWITCH.

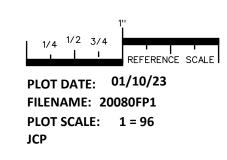


FIRE PROTECTION NEW WORK PLAN - FIRST FLOOR FP200 SCALE: 1/8" = 1'-0"



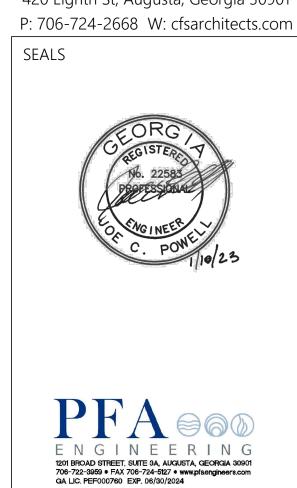
FP200 SCHEMATIC

FIRE PUMP SCHEDULE							
ITEM	RATED FLOW (GPM)	PRESSURE @ RATED FLOW (PSI)	HORSEPOWER	R.P.M.	PUMP MODEL		
FIRE PUMP	750	95	60	3550	AC 8100 6X6X9F HORIZONTAL SPLIT CASE PUMP WITH CONTROLLER AND EMERGENCY TRANSFER SWITCH		





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W.C. ERVIN TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

FIRE PROTECTION **NEW WORK** PLAN - FIRST FLOOR

1	1/10/2023	ADDENDUM	
MARK	DATE	DESCRIPTION	

PROJECT NO: FILE: 20221006 ERVIN TOWERS

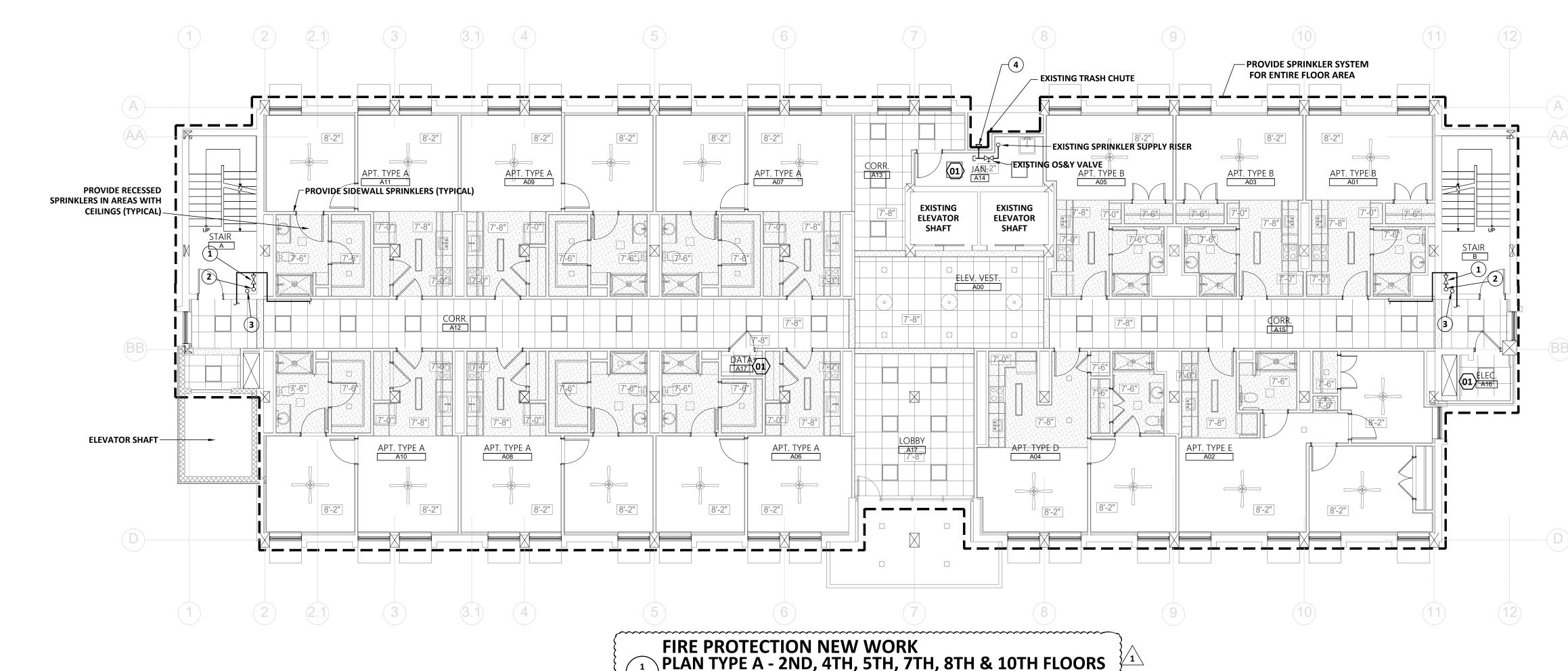
DRAWN BY: JCP CHK'D BY: JCP

**FP200** 

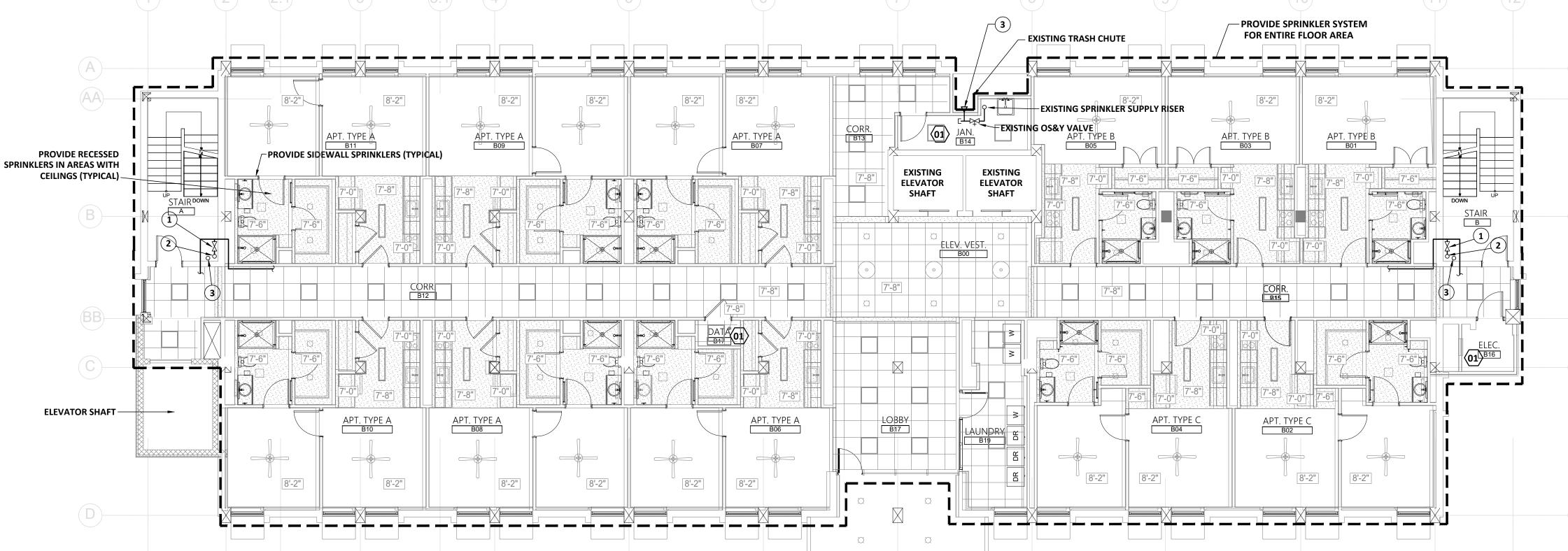


ALL AREAS SHALL BE REGARDED AS LIGHT HAZARD UNLESS NOTED OTHERWISE

(01) ORDINARY HAZARD-GROUP 1



FP201 SCALE: 1/8" = 1'-0"



FIRE PROTECTION NEW WORK
PLAN TYPE B - 3RD, 6TH & 9TH FLOORS

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

#### **NEW WORK KEYNOTES:**

(THIS SHEET ONLY)

- PROVIDE NEW FLOOR CONTROL VALVE WITH TAMPER SWITCH, FLOW SWITCH AND TEST & DRAIN ASSEMBLY.
- 2 EXISTING 6" STANDPIPE. REPLACE EXISTING 2-1/2" HOSE VALVE WITH NEW 2-1/2" PRESSURE REGULATING HOSE VALVE.
- 3 PROVIDE NEW COMBINED 3" DRAIN RISER FOR STANDPIPE TESTING AND SPRINKLER DRAIN. ROUTE TO ALL FLOORS.

  4 REPLACE EXISTING SIDEWALL SPRINKLER IN TRASH CHUTE AT FLOORS 2, 4, 6, 8
- 5 REPLACE THE THREE EXISTING HOSE VALVES WITH NEW 2-1/2" PRESSURE REGULATING HOSE VALVES AT ROOF.



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C. POWE

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110/23

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PROJECT TITLE

W.C. ERVIN

**TOWERS** 

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

PROVIDE DRAIN CONNECTION AT ALL FLOORS FOR FLOOR CONTROL VALVES. PLUG TEE IF UNUSED. PROVIDE FLOW SWITCH & PRESSURE GAUGE **PROVIDE INSPECTORS TEST/DRAIN VALVE ASSEMBLY** PROVIDE INDICATING VALVE WITH TAMPER SWITCH, PROVIDE SIGN WITH HYDRAULIC DATA INDICATING FLOOR/AREA SERVED REPLACE EXISTING 2-1/2" HOSE VALVE WITH NEW 2-1/2" PRESSURE REGULATING HOSE VALVE AT EACH STAIR LANDING PROVIDE DRAIN WITH A 3-IN. X 2-1/2-IN. TEE WITH A FEMALE-THREADED, SWIVEL FITTING HAVING NATIONAL HOSE STANDARD THREADS AND A PLUG FOR HOSE VALVE TESTING AS REQUIRED BY NFPA 14. **EXISTING 6" STANDPIPE** -PROVIDE NEW 3" DRAIN

EXISTING 6" STANDPIPE
WITH OS&Y VALVE AT BASE

NEW WORK PLAN - ROOF LEVEL

FIRE PROTECTION

FP201 SCALE: 1/8" = 1'-0"

-BB

STANDPIPE & FLOOR CONTROL VALVE DETAIL

SCALE: NONE

FIRE
PROTECTION
NEW WORK
PLAN TYPE A & B
FLOORS 2-6

MARK DATE DESCRIPTION

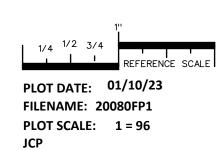
PROJECT NO:

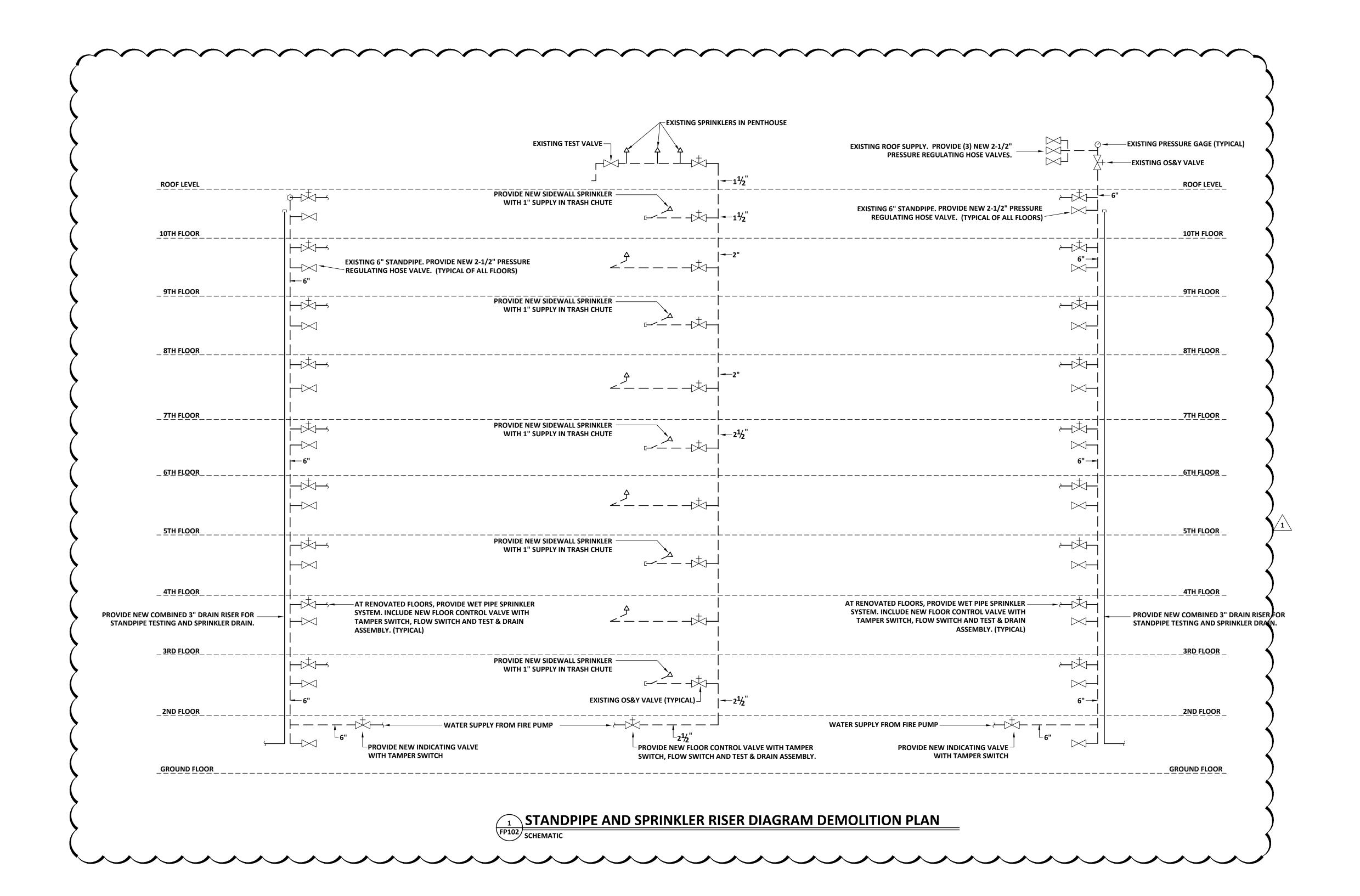
FILE: 20221006 ERVIN TOWERS

DRAWN BY: JCP

FP201

CHK'D BY: JCP







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1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

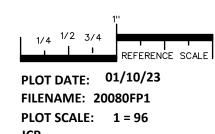
STANDPIPE AND SPRINKLER RISER DIAGRAM DEMOLITION PLAN

1	1/10/2023	ADDENDUM
MARK	DATE	DESCRIPTION

PROJECT NO:

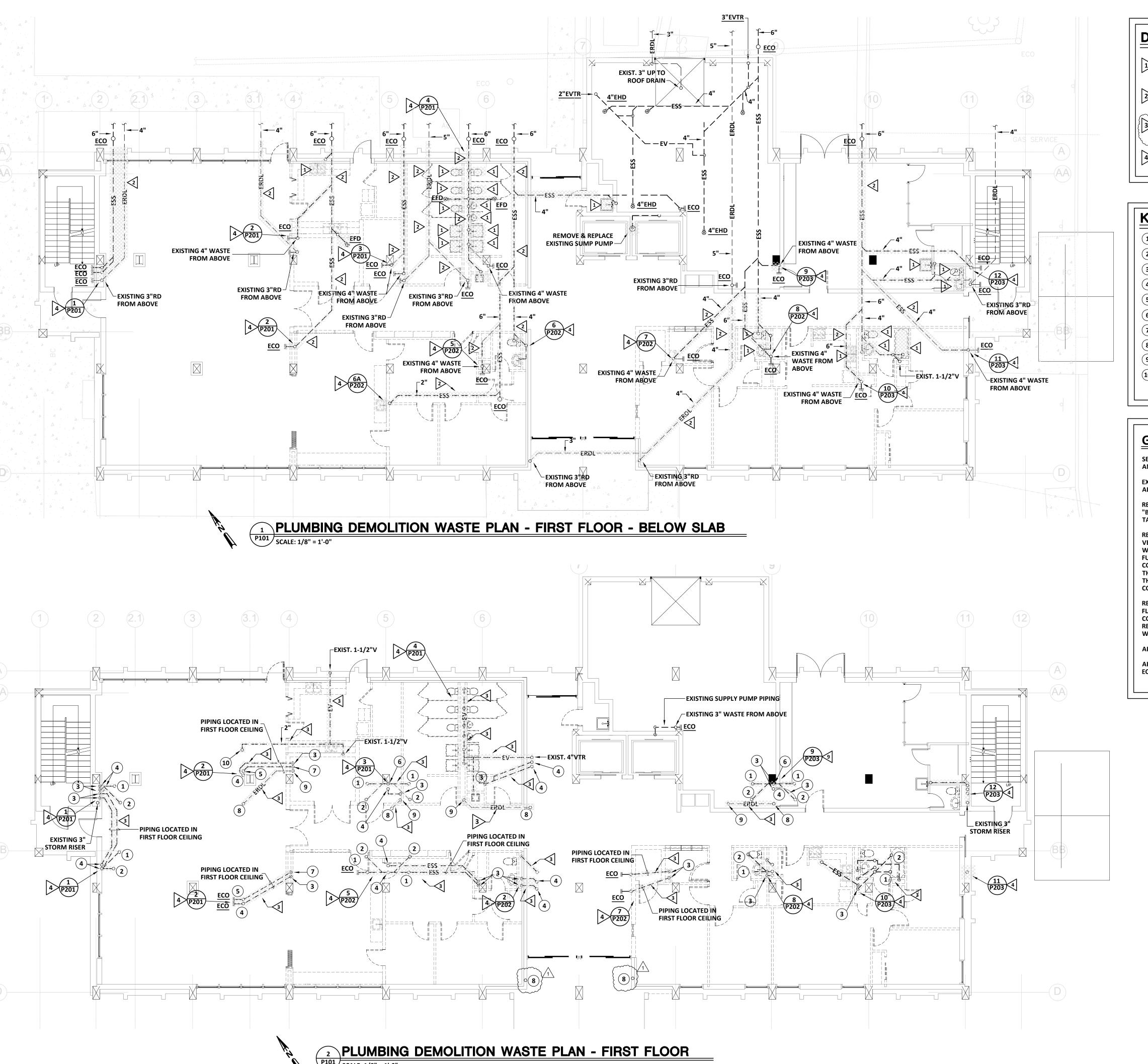
FILE: 20221006 ERVIN TOWERS

DRAWN BY: JCP



**FP202** 

CHK'D BY: JCP



#### **DEMOLITION KEYNOTES:**

(THIS SHEET OF

REMOVE & REPLACE EXISTING FIXTURE AND ASSOCIATED WASTE, WATER, AND VENT PIPING TO BEHIND WALL, ABOVE CEILING, BELOW FLOOR AND CAP.

REMOVE & REPLACE EXISTING BELOW SLAB WASTE & STORM PIPING. DEMO EXISTING PIPING AFTER NEW PIPING IS INSTALLED AND IN SERVICE.

REMOVE & REPLACE EXISTING ABOVE CEILING & RISERS DOWN TO SLAB PIPING. DEMO EXISTING PIPING AFTER NEW PIPING IS INSTALLED AND IN SERVICE.

4 REMOVE AND REPLACE EXISTING WASTE & VENT PIPING AND

#### **KEYNOTES:**

(THIS SHEET ONLY)

1 EXISTING 4" WASTE UP TO WATER CLOSET ABOVE.

(2) EXISTING 3" WASTE UP TO SHOWER DRAIN ABOVE.

3 EXISTING 4" WASTE DOWN.

4 EXISTING 4" WASTE FROM ABOVE.

5 EXISTING 3' WASTE FROM ABOVE.

(6) EXISTING 4" WASTE FROM ABOVE AND DOWN.

7 EXISTING 3" WASTE DOWN.

8 EXISTING 3" ROOF DRAIN FROM ABOVE.

(9) EXISTING 3" ROOF DRAIN DOWN.

(10) EXISTING 3" VENT UP.

#### **GENERAL PLUMBING SCOPE OF WORK:**

SEE CONTRACT DOCUMENTS FOR SCOPE OF WORK PERTAINING TO BASE BID AND ALTERNATES.

EXACT NEW TO EXISTING CONNECTION LOCATION IS DEPENDENT UPON ALTERNATES TAKEN.

REMOVE AND REPLACE EXISTING PIPING ON FLOORS BEING RENOVATED AND "BUFFER" FLOORS ABOVE. DEMOLITION IS DEPENDENT UPON ALTERNATES TAKEN. .

REWORK WASTE, VENT AND STORM PIPING AT EACH FLOOR. EXTEND WASTE, VENT AND STORM PIPING UP 12" TO FLOOR ABOVE AND CONNECT TO EXISTING WASTE, VENT AND STORM PIPING IN FLOOR ABOVE. ALSO ROUGH-IN FOR FUTURE WATER CLOSETS, SHOWERS, LAVATORIES AND SINKS IN FLOOR ABOVE. CONNECTIONS SHALL BE MADE AND ROUGH-INS SHALL BE PERFORMED ABOVE THE HIGHEST FLOOR THAT IS RENOVATED SUCH THAT RE-ENTRY INTO A FLOOR THAT HAS BEEN RENOVATED WILL NOT BE REQUIRED FOR FUTURE CONNECTIONS.

REWORK WATER PIPING AT EACH FLOOR. EXTEND WATER PIPING UP 12" TO FLOOR ABOVE AND CONNECT TO EXISTING WATER PIPING IN FLOOR ABOVE. CONNECTIONS SHALL BE MADE ABOVE THE HIGHEST FLOOR THAT IS RENOVATED SUCH THAT RE-ENTRY INTO A FLOOR THAT HAS BEEN RENOVATED WILL NOT BE REQUIRED FOR FUTURE CONNECTIONS.

ALL NATURAL GAS PIPING WORK SHALL BE INCLUDED IN THE BASE BID.

ALL WORK AT THE ROOF LEVEL AND ALL WORK ASSOCIATED WITH ROOF EQUIPMENT SHALL BE INCLUDED IN THE BASE BID.

#### **BUILDING SHALL REMAIN OCCUPIED**

CONTRACTOR IS ADVISED THAT THE AUGUSTA HOUSING AUTHORITY FINDS IT NECESSARY THAT CERTAIN FLOORS SHALL REMAIN OCCUPIED THROUGHOUT THE PROJECT RENOVATION PERIOD. THE NUMBER OF OCCUPIED FLOORS SHALL BE DETERMINED BY THE NUMBER OF ALTERNATES ACCEPTED. OWNER ACKNOWLEDGES SHUTDOWNS TO WATER, SANITARY WASTE AND ELECTRICAL POWER SHALL BE NECESSARY AND FREQUENT. CONTRACTOR SHALL PROVIDE THE BUILDING MANAGER WITH UPDATES TO THE SHUTDOWN SCHEDULE ON A DAILY BASIS. IN NO CIRCUMSTANCE SHALL ANY APARTMENT BE WITHOUT WATER, SANITARY WASTE OR ELECTRICITY FOR A PERIOD LASTING MORE THAN FOUR HOURS. IN NO CIRCUMSTANCE SHALL ANY APARTMENT BE WITHOUT NATURAL GAS FOR A PERIOD LASTING MORE THAN FOUR HOURS.

PLOT DATE: 01/10/23

FILENAME: 20080P1
PLOT SCALE: 1 = 96

MFJ/RWW



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ARCHITECTS + DESIGNERS

SEALS





### W.C. ERVIN TOWERS

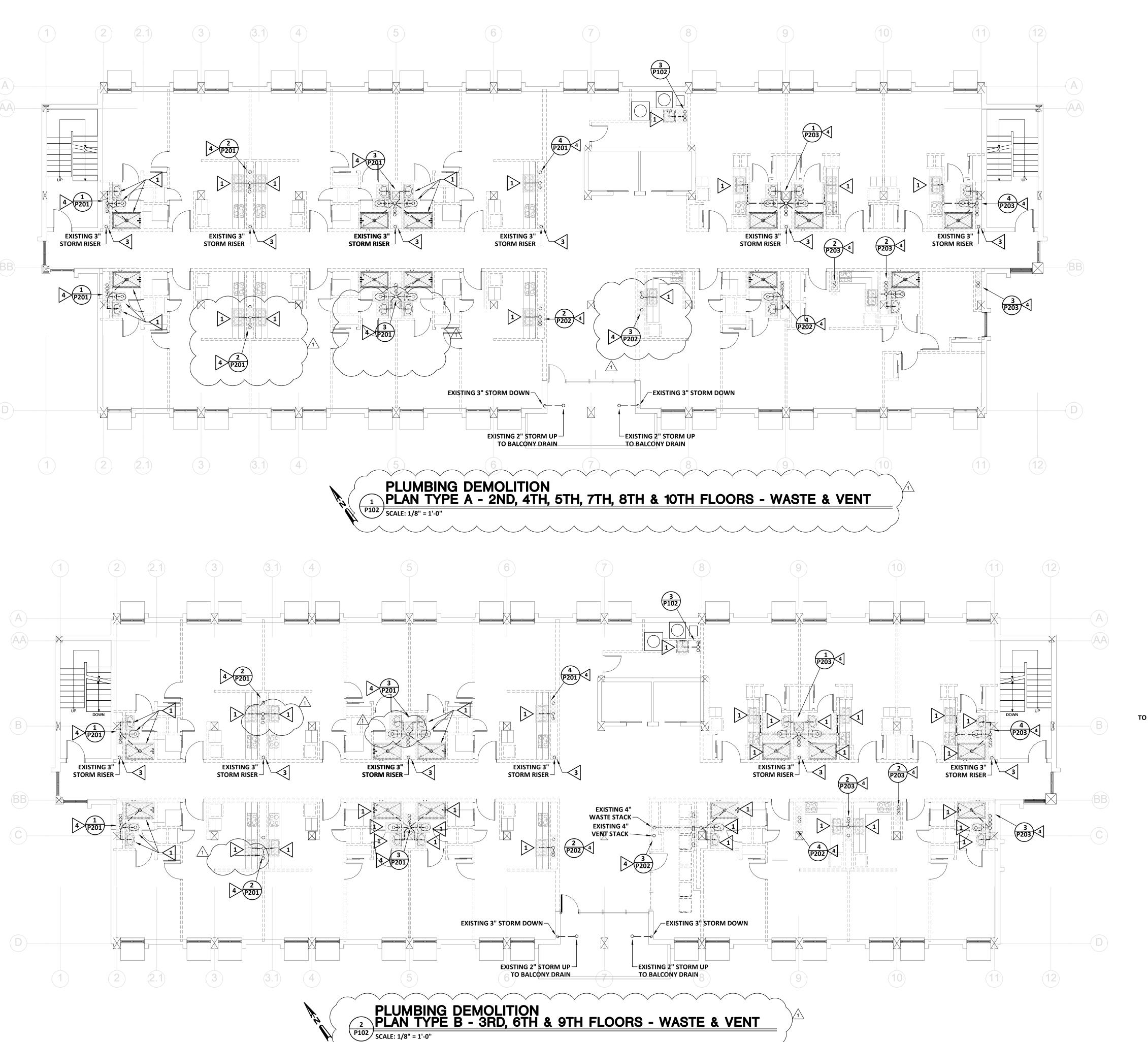
1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

PLUMBING DEMOLITION WASTE PLAN -FIRST FLOOR PLAN

<u>1</u>	1/10/2023	ADDENDUM
MARK	DATE	DESCRIPTION

PROJECT NO: FILE: 20221006 ERVIN TOWERS

DRAWN BY: MFJ/RWW
CHK'D BY: JCP



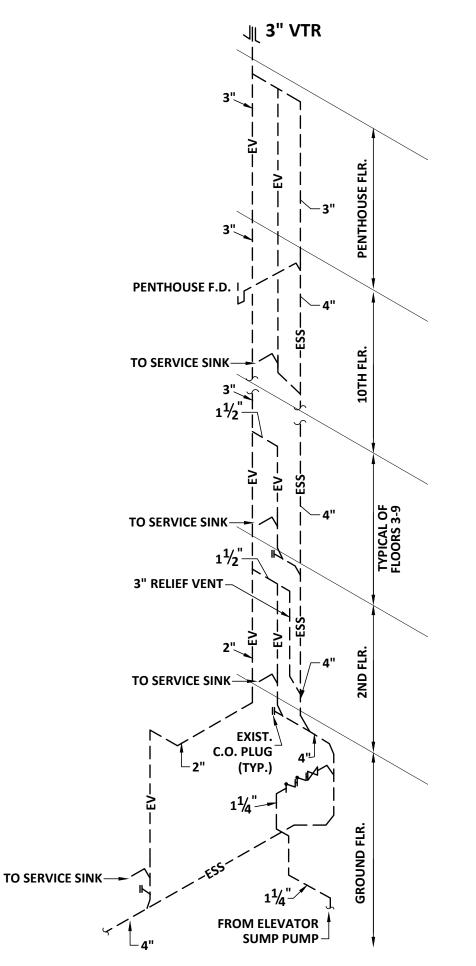
# DEMOLITION KEYNOTES: (THIS SHEET ONLY) 1 REMOVE & REPLACE EXISTING FIXTURE AND ASSOCIATED WASTE, WATER, AND VENT PIPING TO BEHIND WALL, ABOVE CEILING, BELOW FLOOR AND CAP. 2 OMIT. 3 REMOVE & REPLACE EXISTING STORM RISERS.

4> REMOVE AND REPLACE EXISTING WASTE & VENT PIPING AND RISERS.



#### **GENERAL DEMOLITION NOTE:**

REMOVE AND REPLACE EXISTING PIPING ON FLOORS BEING RENOVATED AND "BUFFER" FLOORS ABOVE. DEMOLITION IS DEPENDENT UPON ALTERNATES TAKEN. . CAP WASTE, WATER AND VENT RUNOUTS ON EXISTING RISERS LOCATED AT 12" ABOVE "BUFFER" FLOORS WHERE DEMOLITION BUT NO RENOVATION OCCURS.



### WASTE RISER DEMOLITION - #13 SCHEMATIC

# THE FOLLOWING DEMOLITION NOTE PERTAINS TO ALL RISERS:

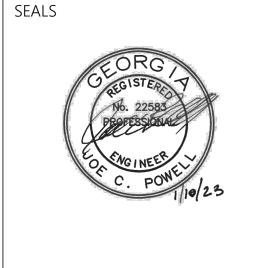
REMOVE AND REPLACE EXISTING PIPING ON FLOORS BEING RENOVATED AND "BUFFER" FLOORS ABOVE. DEMOLITION IS DEPENDENT UPON ALTERNATES TAKEN. . CAP WASTE, WATER AND VENT RUNOUTS ON EXISTING RISERS LOCATED AT 12" ABOVE "BUFFER" FLOORS WHERE DEMOLITION BUT NO RENOVATION OCCURS.

PLOT DATE: 01/10/23

FILENAME: 20080P1
PLOT SCALE: 1 = 96

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### W.C. ERVIN TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

PLUMBING DEMOLITION WASTE & VENT PLAN TYPE A & B FLOORS 2-10

1	1/10/2023	ADDENDUM
MARK	DATE	DESCRIPTION

PROJECT NO:

FILE: 20221006 ERVIN TOWERS

DRAWN BY: MFJ/RWW

CHK'D BY: JCP

#### **BUILDING SHALL REMAIN OCCUPIED**

CONTRACTOR IS ADVISED THAT THE AUGUSTA HOUSING AUTHORITY FINDS IT NECESSARY THAT CERTAIN FLOORS SHALL REMAIN OCCUPIED THROUGHOUT THE PROJECT RENOVATION PERIOD. THE NUMBER OF OCCUPIED FLOORS SHALL BE DETERMINED BY THE NUMBER OF ALTERNATES ACCEPTED. OWNER ACKNOWLEDGES SHUTDOWNS TO WATER, SANITARY WASTE AND ELECTRICAL POWER SHALL BE NECESSARY AND FREQUENT. CONTRACTOR SHALL PROVIDE THE BUILDING MANAGER WITH UPDATES TO THE SHUTDOWN SCHEDULE ON A DAILY BASIS. IN NO CIRCUMSTANCE SHALL ANY APARTMENT BE WITHOUT WATER, SANITARY WASTE OR ELECTRICITY FOR A PERIOD LASTING MORE THAN FOUR HOURS. IN NO CIRCUMSTANCE SHALL ANY APARTMENT BE WITHOUT NATURAL GAS FOR A PERIOD LASTING MORE THAN FOUR HOURS.

#### **GENERAL DEMOLITION NOTE:**

REMOVE AND REPLACE EXISTING PIPING ON FLOORS BEING RENOVATED AND "BUFFER" FLOORS ABOVE. DEMOLITION IS DEPENDENT UPON ALTERNATES TAKEN. . CAP WASTE, WATER AND VENT RUNOUTS ON EXISTING RISERS LOCATED AT 12" ABOVE "BUFFER" FLOORS WHERE DEMOLITION BUT NO RENOVATION OCCURS.

### **KEYNOTES:**

REMOVE & REPLACE EXISTING FIXTURE AND ASSOCIATED WASTE, WATER, AND VENT PIPING TO BEHIND WALL, ABOVE CEILING, BELOW FLOOR AND CAP.

\_\_\_\_\_\_

(THIS SHEET ONLY)

2 REMOVE & REPLACE EXISTING ABOVE CEILING WATER PIPING BACK TO MAIN AND CAP.



PFA

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SEALS

PROPERSON

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PROJECT TITLE
W.C. ERVIN
TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

PLUMBING DEMOLITION FIRST FLOOR PLAN - WATER

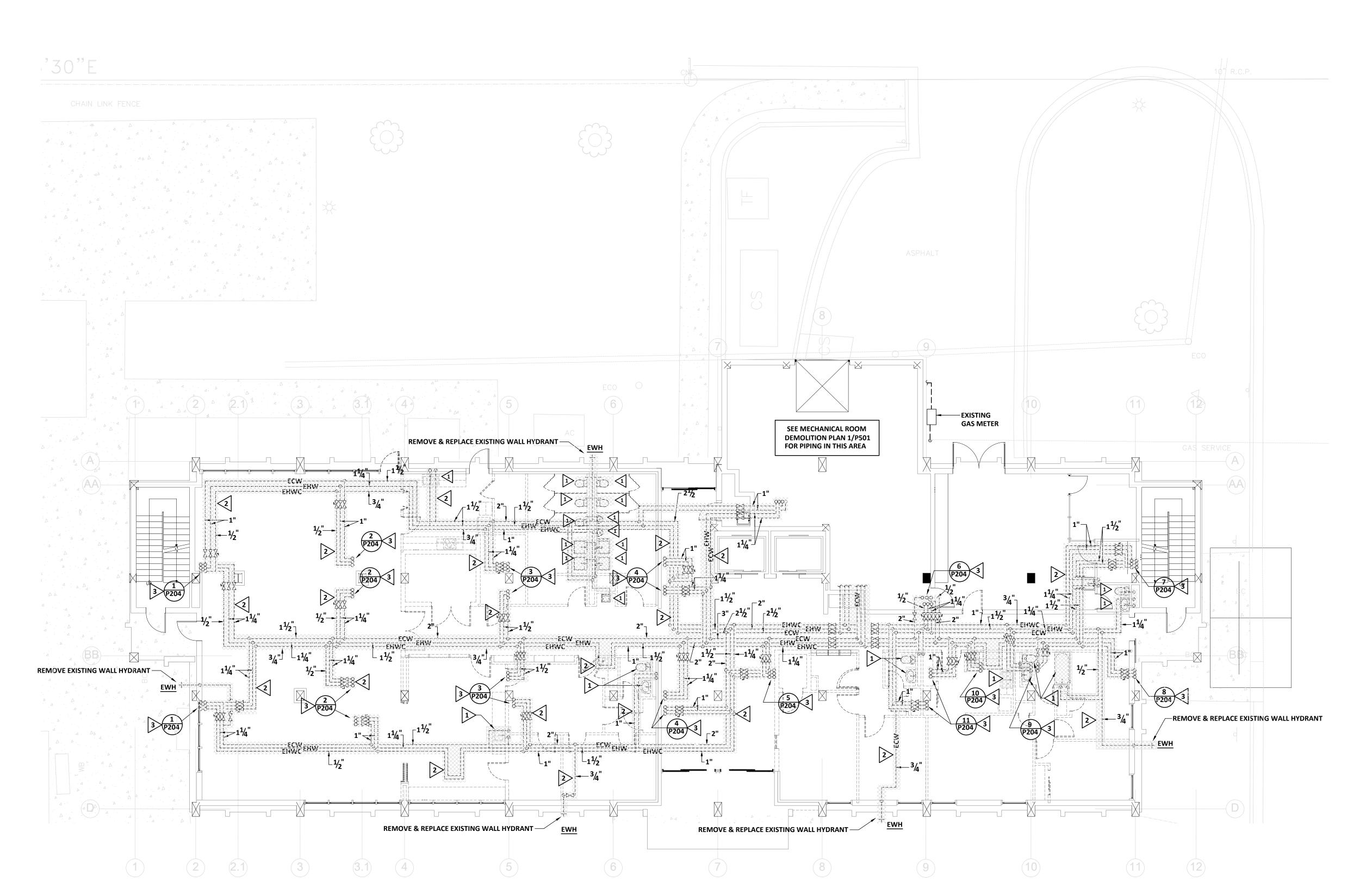
<u> </u>	1/10/2023	ADDENDUM
MARK	DATE	DESCRIPTION

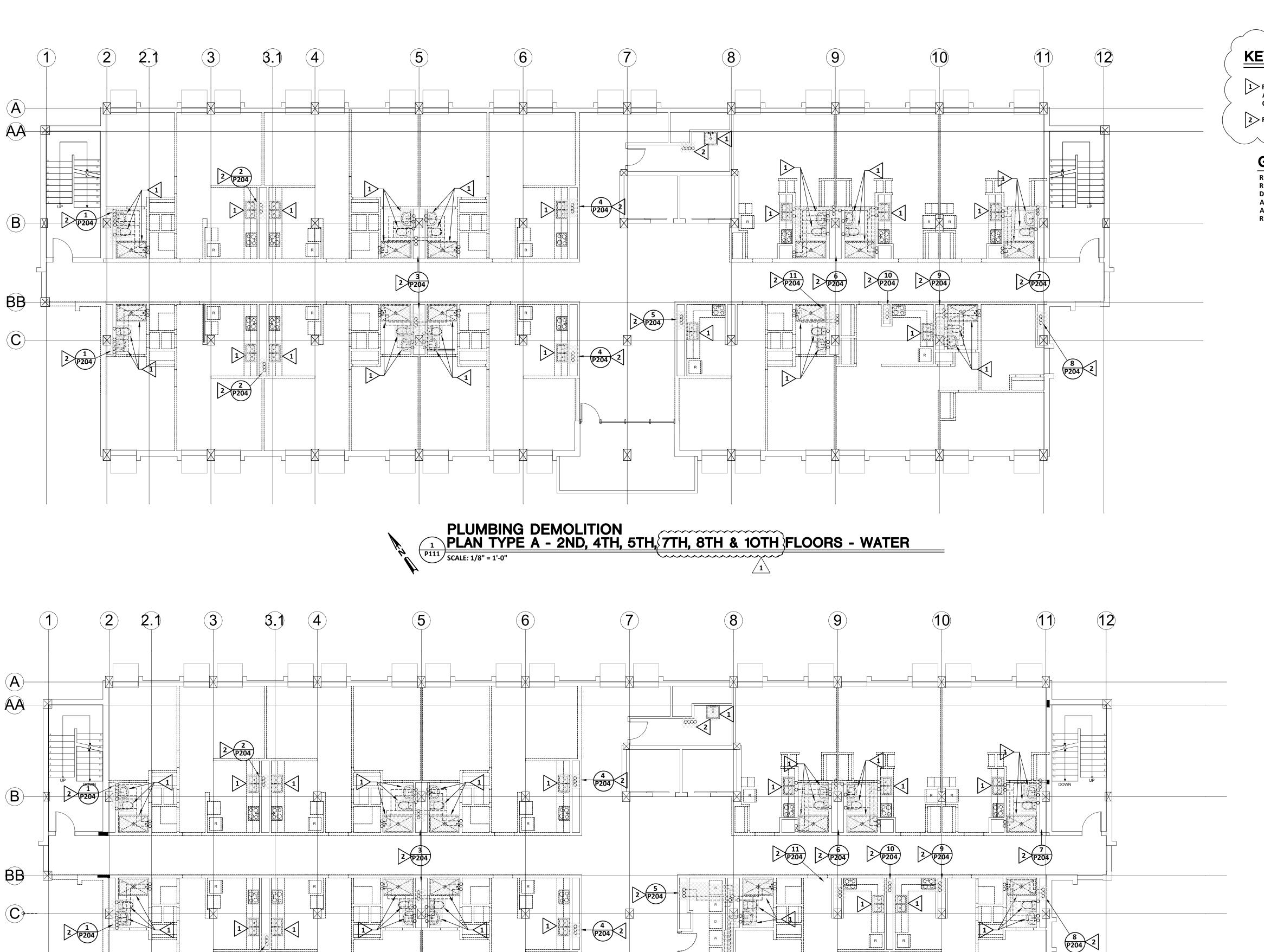
PROJECT NO: FILE: 20221006 ERVIN TOWERS

DRAWN BY: MFJ/RWW
CHK'D BY: JCP

PLOT DATE: 01/10/23 FILENAME: 20080P2

PLOT SCALE: 1 = 96 MFJ/RWW





2 P204

**KEYNOTES:** 

(THIS SHEET ONLY)

1 REMOVE & REPLACE EXISTING FIXTURE AND ASSOCIATED WASTE, WATER, AND VENT PIPING TO BEHIND WALL, ABOVE CEILING, BELOW FLOOR AND CAP.

2> REMOVE AND REPLACE ALL EXISTING PIPING AND RISERS.

#### **GENERAL DEMOLITION NOTE:**

REMOVE AND REPLACE EXISTING PIPING ON FLOORS BEING RENOVATED AND "BUFFER" FLOORS ABOVE. DEMOLITION IS DEPENDENT UPON ALTERNATES TAKEN. . CAP WASTE, WATER AND VENT RUNOUTS ON EXISTING RISERS LOCATED AT 12" ABOVE "BUFFER" FLOORS WHERE DEMOLITION BUT NO RENOVATION OCCURS.



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SEALS

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PROFESSIONAL



PROJECT TITLE
W.C. ERVIN
TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

PLUMBING DEMOLITION WATER PLAN TYPE A & B FLOORS 2-10

<u>1</u>	1/10/2023	ADDENDUM
MARK	DATE	DESCRIPTION

PROJECT NO: FILE: 20221006 ERVIN TOWERS

DRAWN BY: MFJ/RWW
CHK'D BY: JCP

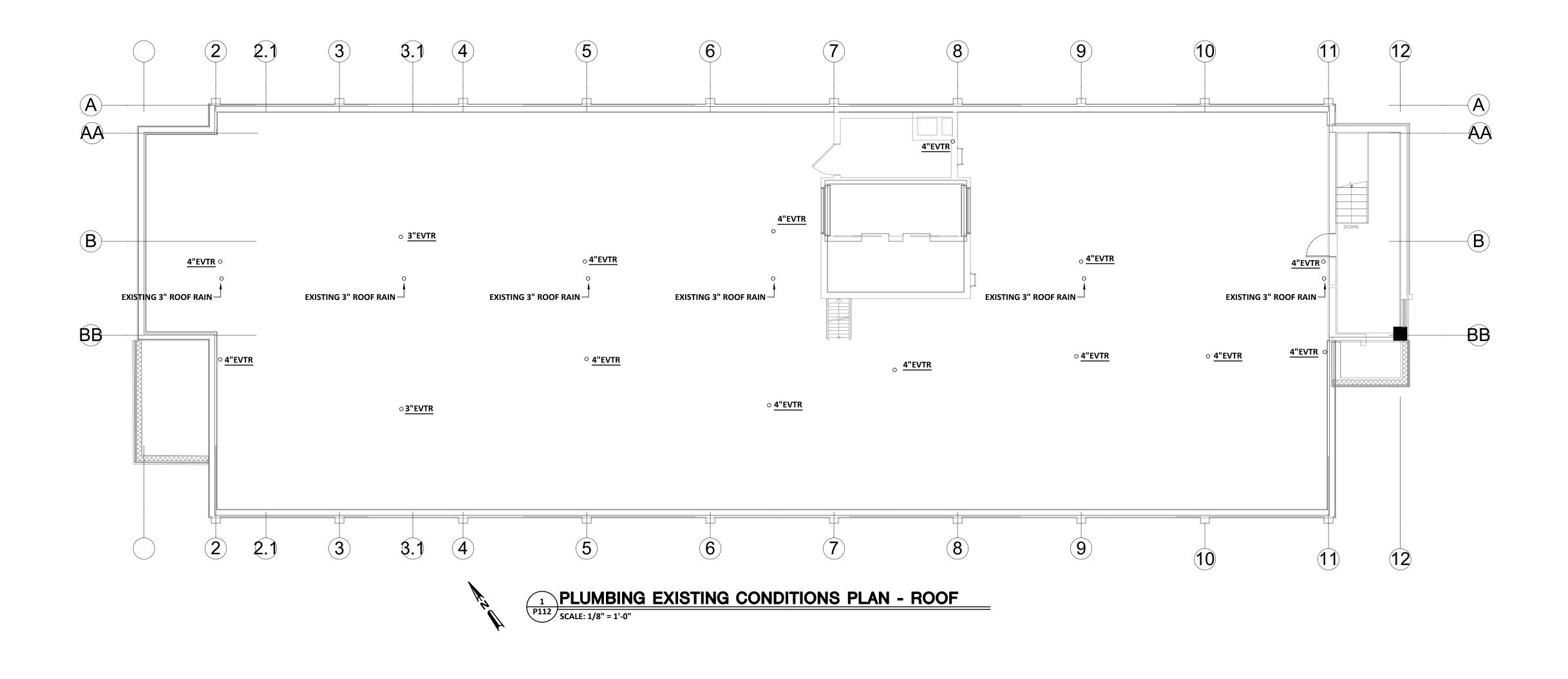
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PLOT SCALE: 1 = 96 MFJ/RWW P111

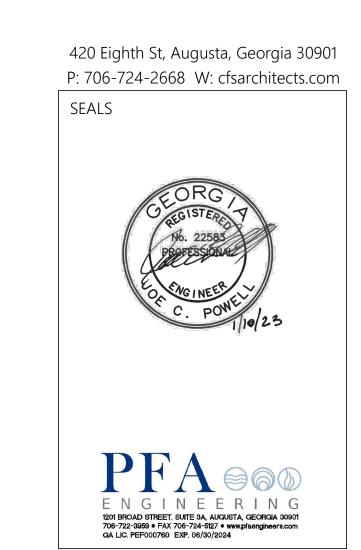
PLUMBING DEMOLITION & 9TH FLOORS - WATER

Plumbing Demolition & 9TH FLOORS - WATER

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



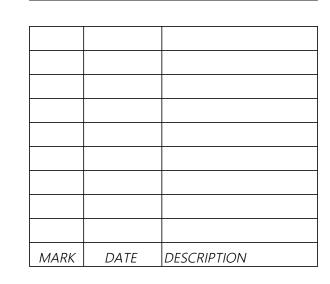




PROJECT TITLE
W.C. ERVIN
TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

PLUMBING EXISTING CONDITIONS ROOF PLAN



PROJECT NO:

FILE: 20221006 ERVIN TOWERS

DRAWN BY: MFJ/RWW

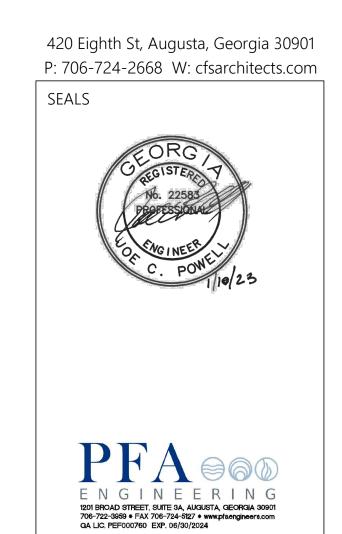
CHK'D BY: JCP

PLOT DATE: 01/10/23
FILENAME: 20080P2
PLOT SCALE: 1 = 96
MFJ/RWW



#### THE FOLLOWING **DEMOLITION NOTE** PERTAINS TO ALL RISERS:

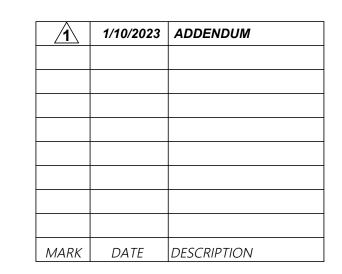
REMOVE AND REPLACE EXISTING PIPING ON FLOORS BEING RENOVATED AND "BUFFER" FLOORS ABOVE. DEMOLITION IS DEPENDENT UPON ALTERNATES
TAKEN. . CAP WASTE, WATER AND VENT
RUNOUTS ON EXISTING RISERS LOCATED AT 12" ABOVE "BUFFER" FLOORS WHERE DEMOLITION BUT NO RENOVATION OCCURS.



# PROJECT TITLE W.C. ERVIN TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

**PLUMBING** DEMOLITION WASTE RISERS



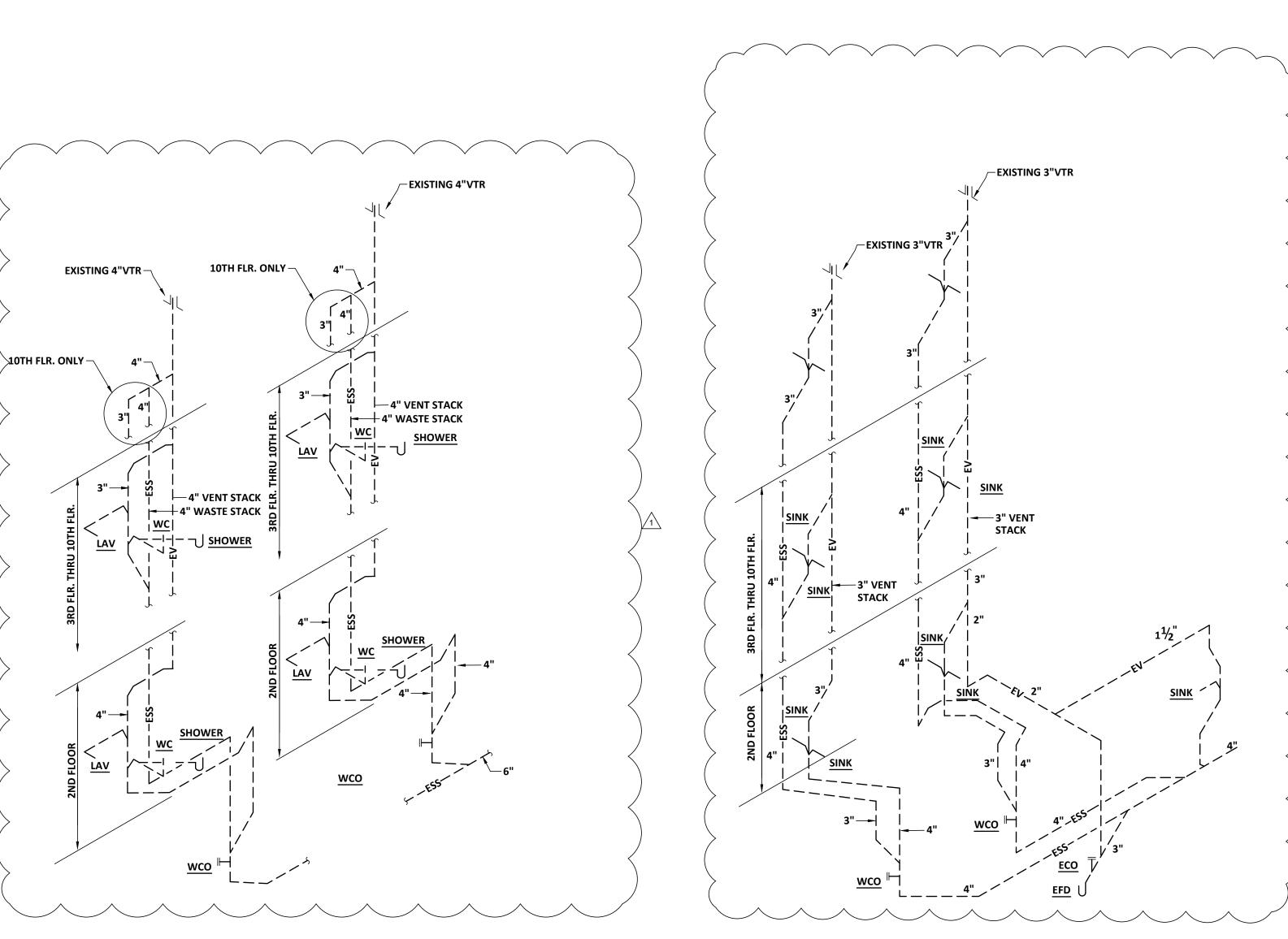
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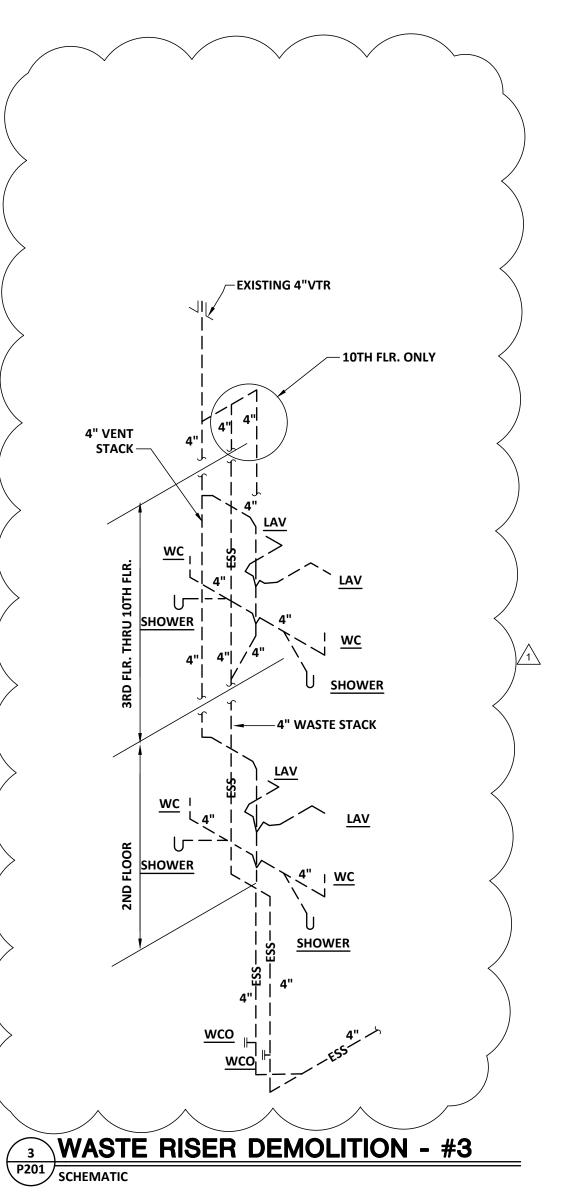
P201

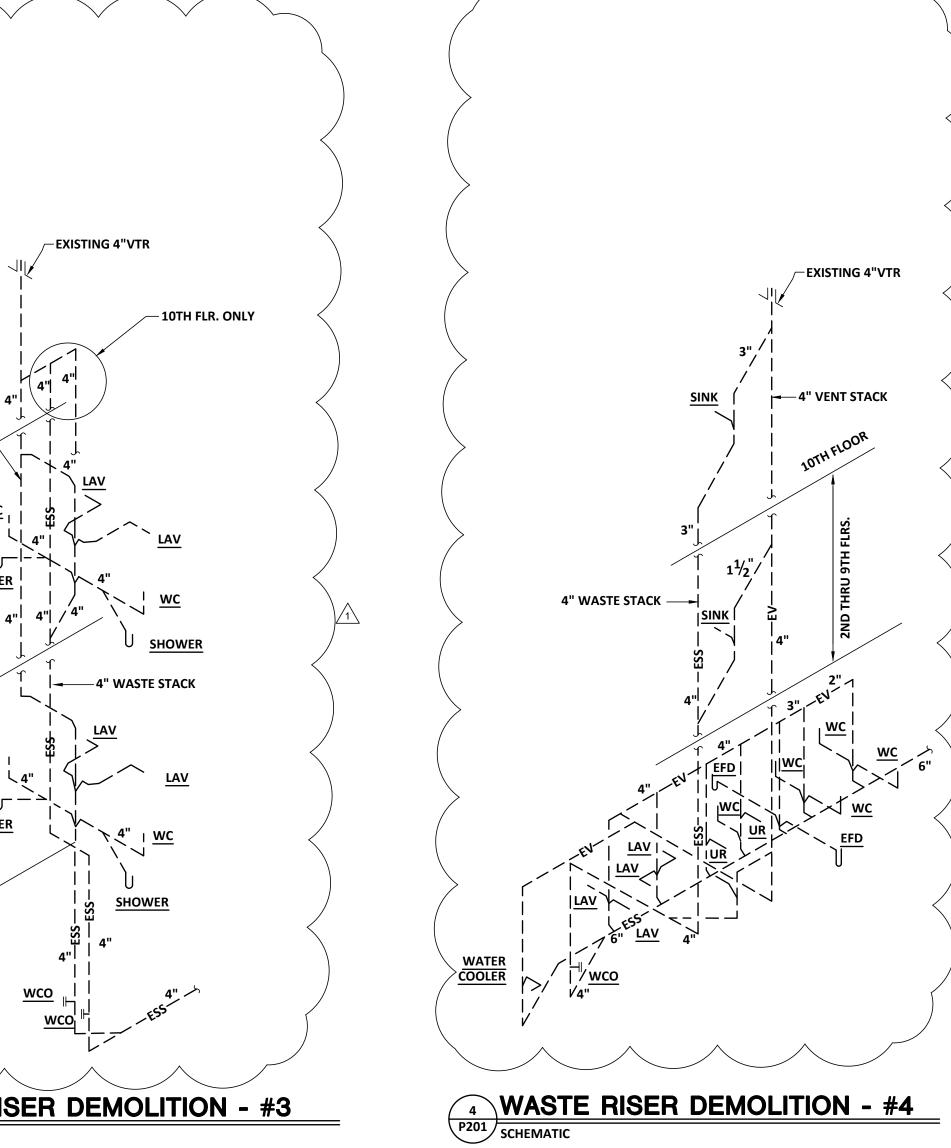
PLOT DATE: 01/10/23
FILENAME: 20080P1

PLOT SCALE: 1 = 96

MFJ/RWW



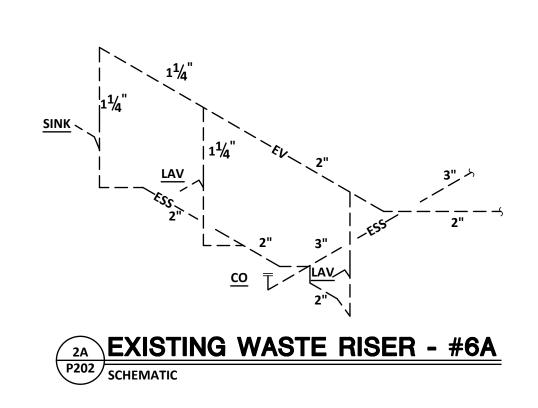


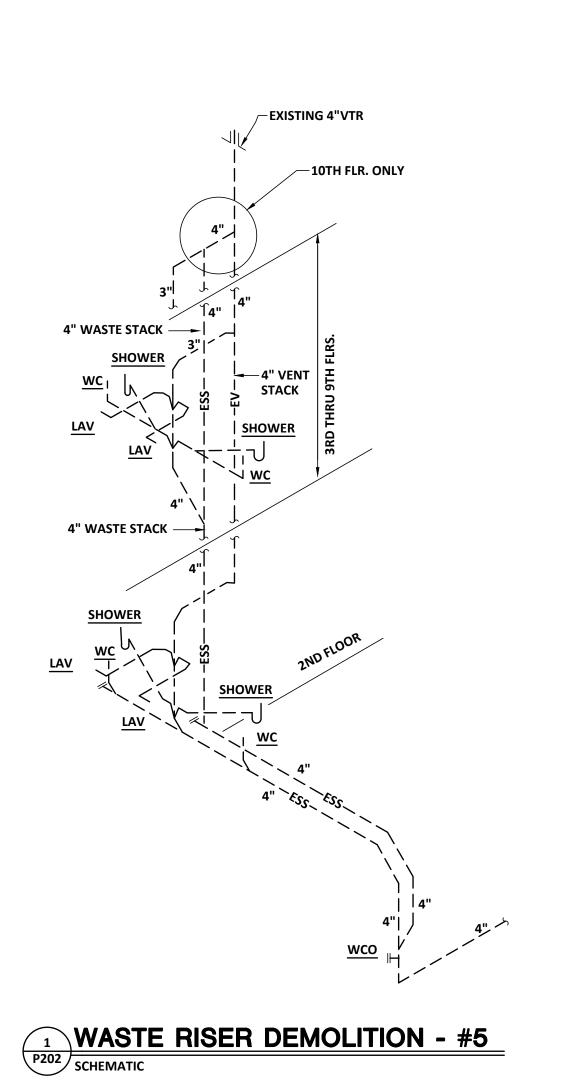


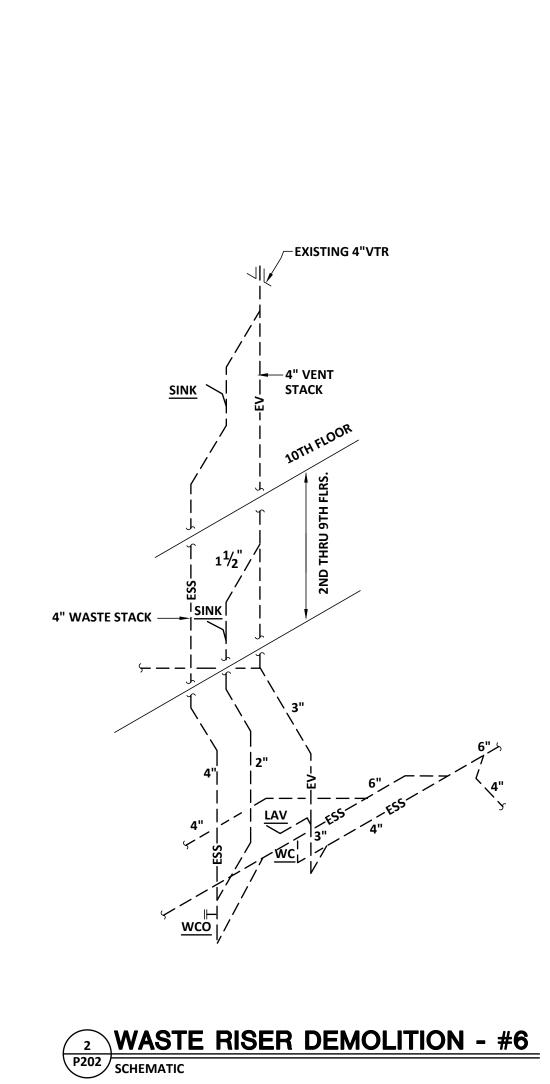


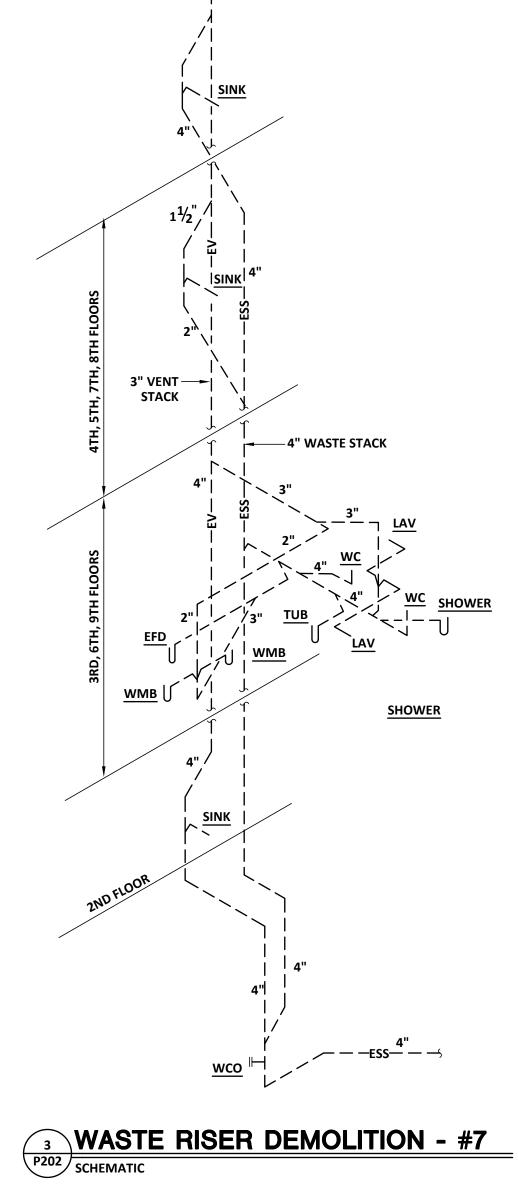
P201 SCHEMATIC



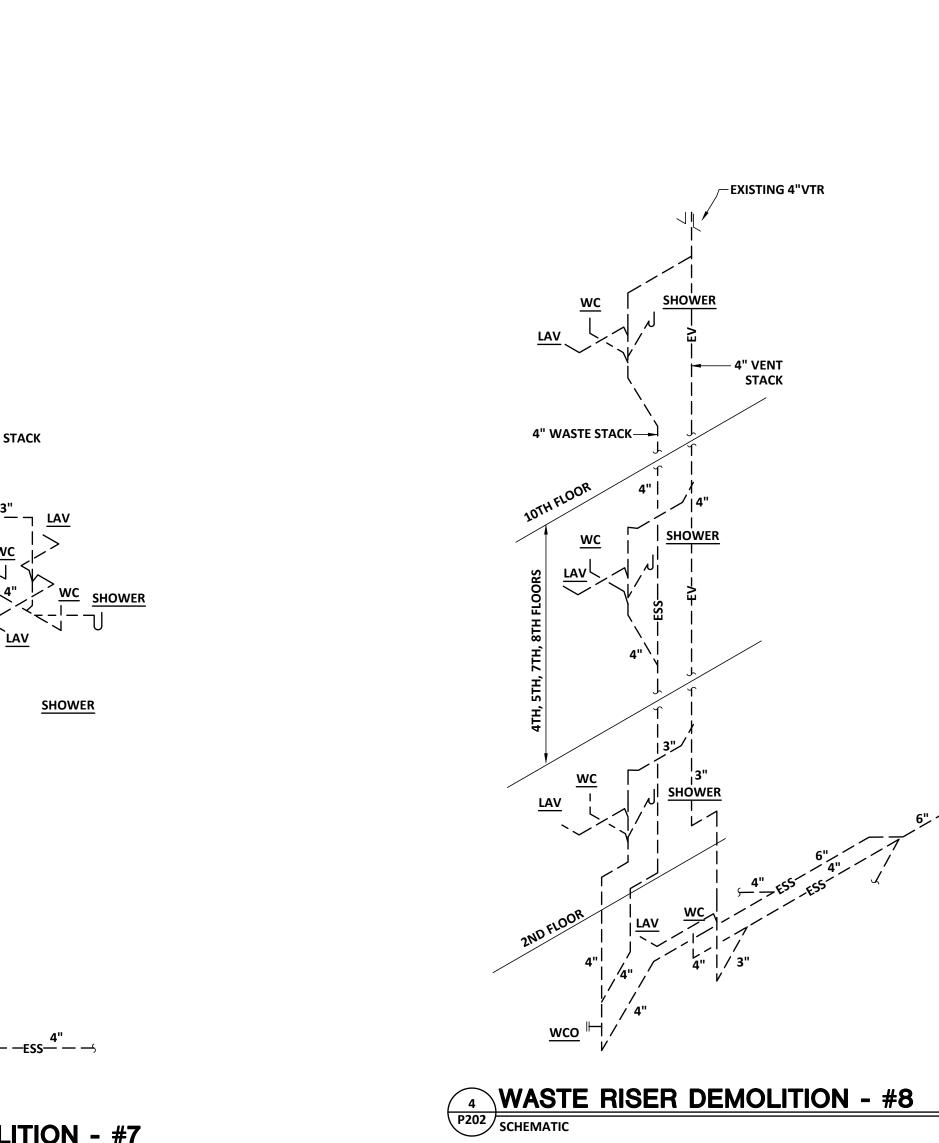








\_EXISTING 4"VTR





420 Eighth St, Augusta, Georgia 30901

THE FOLLOWING

**DEMOLITION NOTE** 

PERTAINS TO ALL

REMOVE AND REPLACE EXISTING PIPING ON FLOORS BEING RENOVATED AND

"BUFFER" FLOORS ABOVE. DEMOLITION

IS DEPENDENT UPON ALTERNATES
TAKEN. . CAP WASTE, WATER AND VENT
RUNOUTS ON EXISTING RISERS LOCATED

AT 12" ABOVE "BUFFER" FLOORS WHERE DEMOLITION BUT NO RENOVATION OCCURS.

**RISERS:** 

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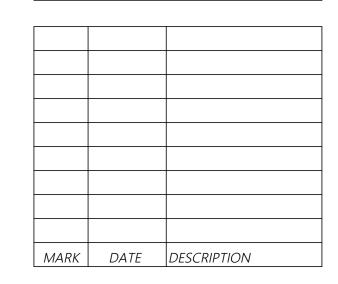
ENGINEERING

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PROJECT TITLE
W.C. ERVIN
TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

PLUMBING DEMOLITION WASTE RISERS



PROJECT NO:

FILE: 20221006 ERVIN TOWERS

DRAWN BY:

CHK'D BY:

PLOT DATE: 01/10/23
FILENAME: 20080P1
PLOT SCALE: 1 = 96
MFJ/RWW



#### THE FOLLOWING **DEMOLITION NOTE** PERTAINS TO ALL **RISERS:**

REMOVE AND REPLACE EXISTING PIPING ON FLOORS BEING RENOVATED AND "BUFFER" FLOORS ABOVE. DEMOLITION IS DEPENDENT UPON ALTERNATES TAKEN. . CAP WASTE, WATER AND VENT RUNOUTS ON EXISTING RISERS LOCATED AT 12" ABOVE "BUFFER" FLOORS WHERE DEMOLITION BUT NO RENOVATION OCCURS.

EXISTING 4"VTR

4" WASTE STACK







# PROJECT TITLE W.C. ERVIN TOWERS

#### 1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

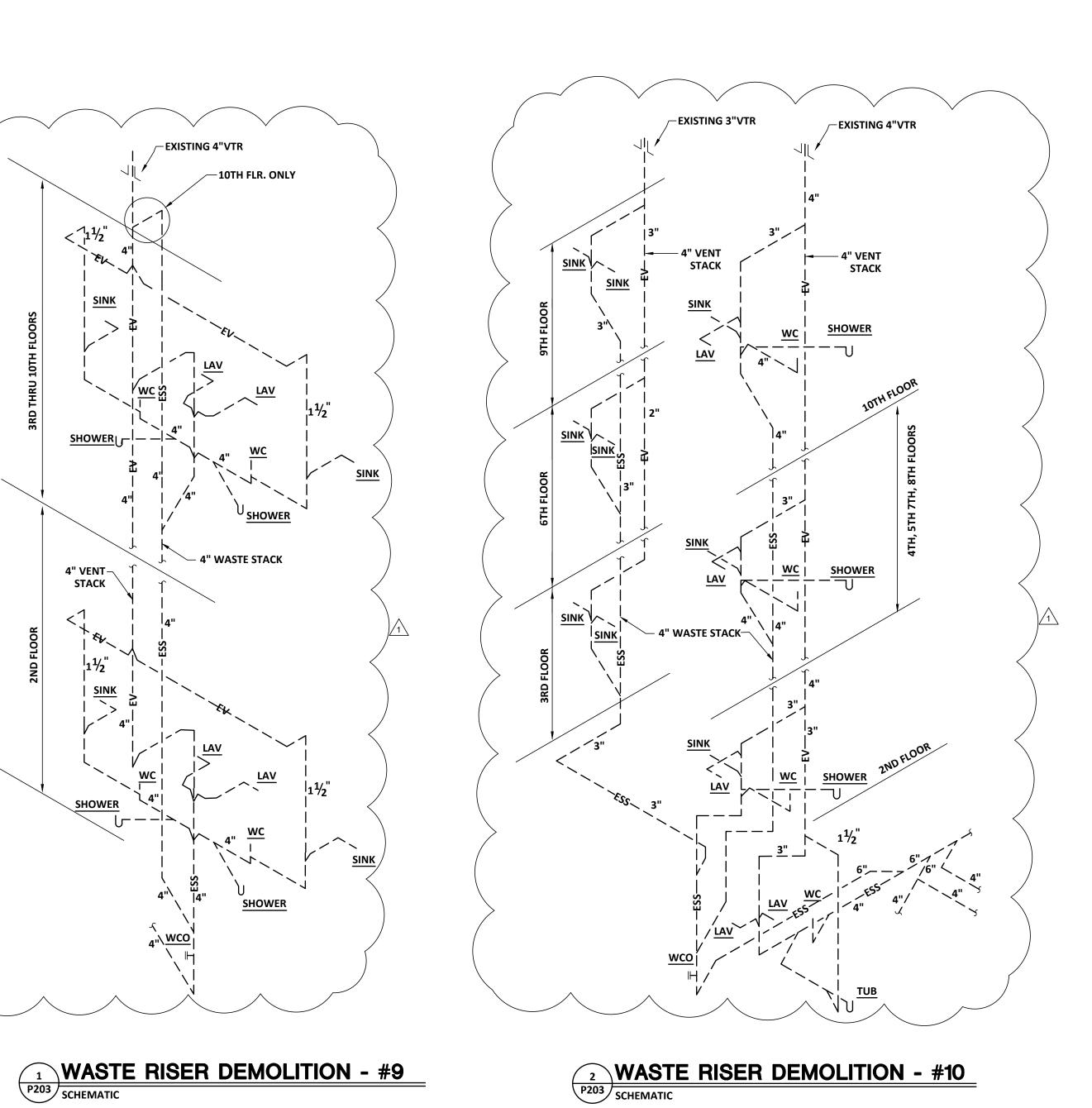
### PLUMBING DEMOLITION WASTE RISERS

1	1/10/2023	ADDENDUM
MARK	DATE	DESCRIPTION

PROJECT NO: FILE: 20221006 ERVIN TOWERS DRAWN BY:

CHK'D BY:

**P203** 

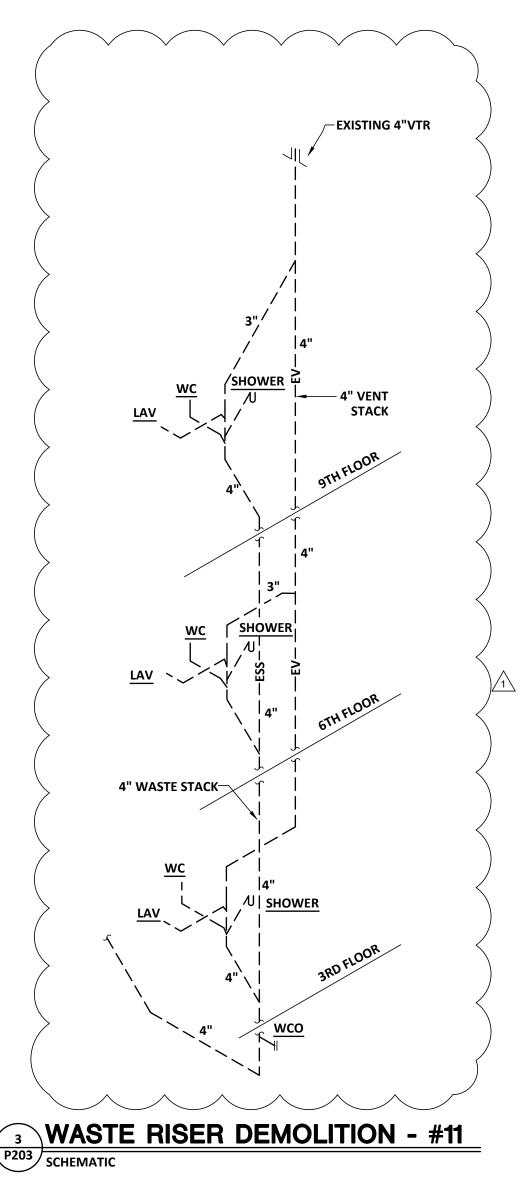


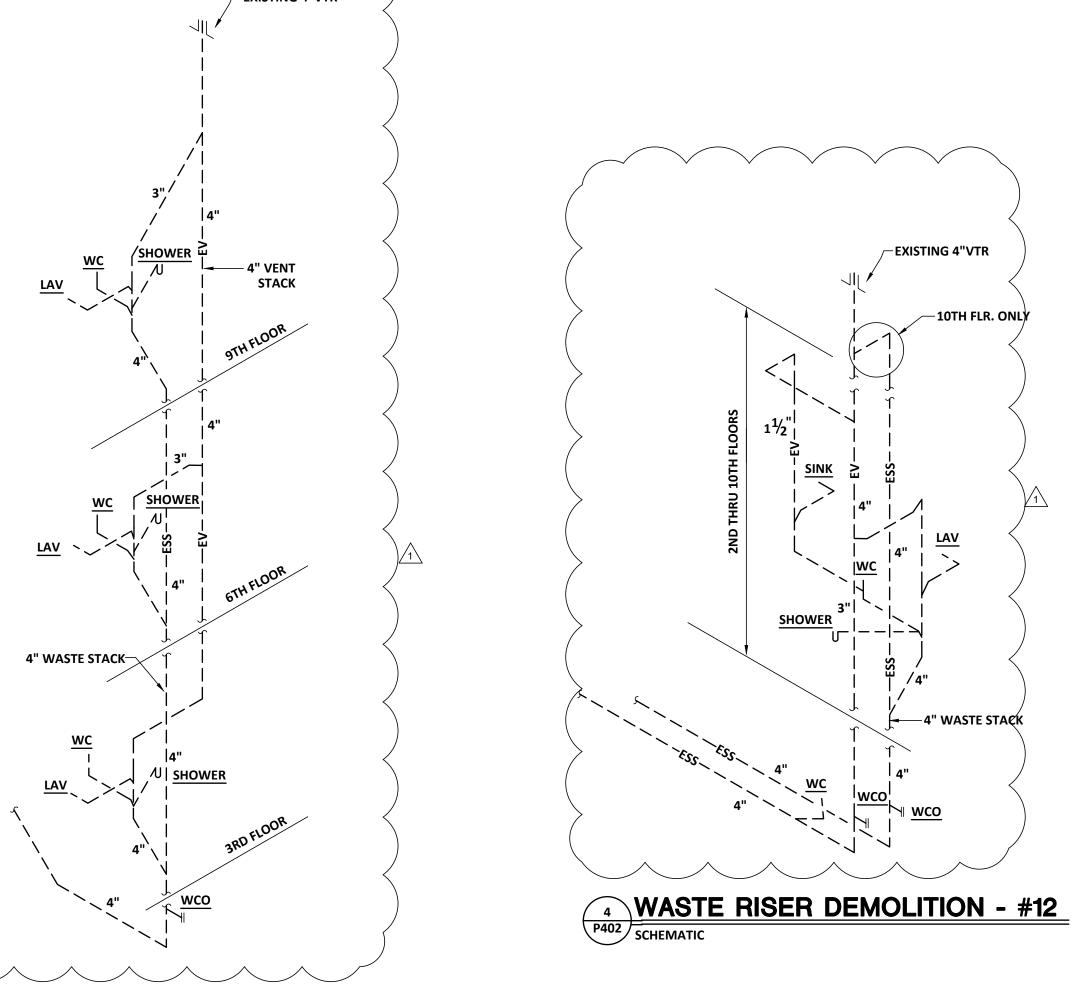
-10TH FLR. ONLY

— 4" WASTE STACK

<u>SINK</u>

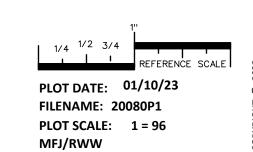
4" VENT — STACK

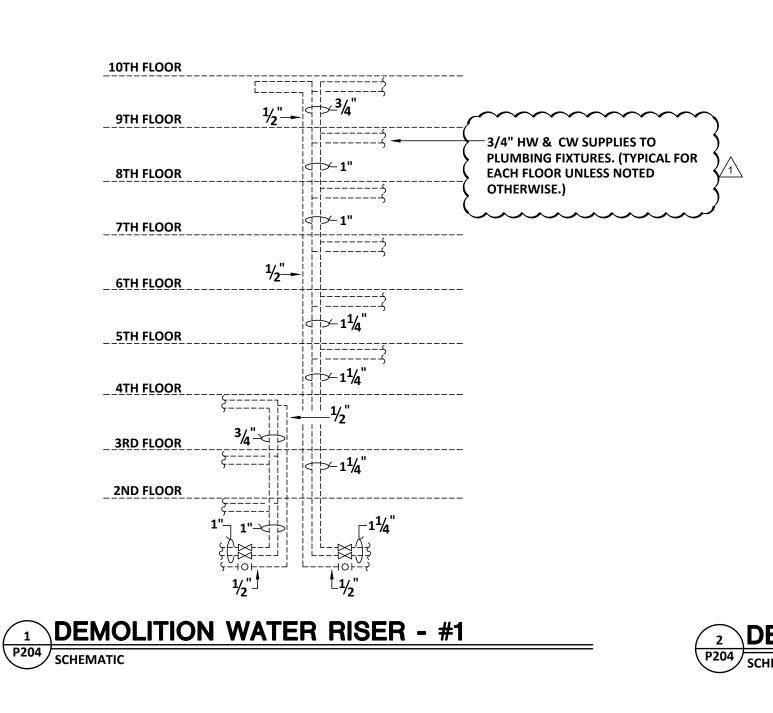






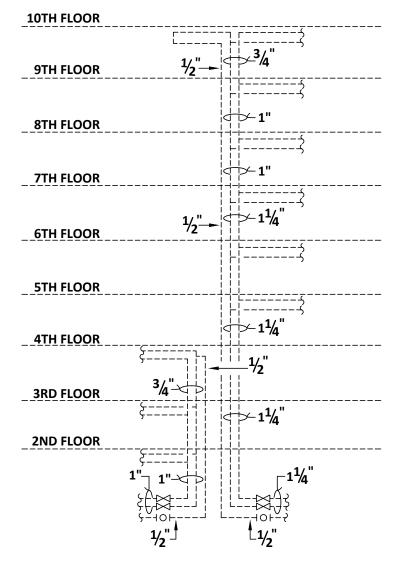
WASTE RISER DEMOLITION - #10
SCHEMATIC





\_\_1" HW & 1" CW

\_\_1/2" HW & 1/2" CW



**10TH FLOOR** 

9TH FLOOR

**8TH FLOOR** 

7TH FLOOR

6TH FLOOR

**5TH FLOOR** 

4TH FLOOR

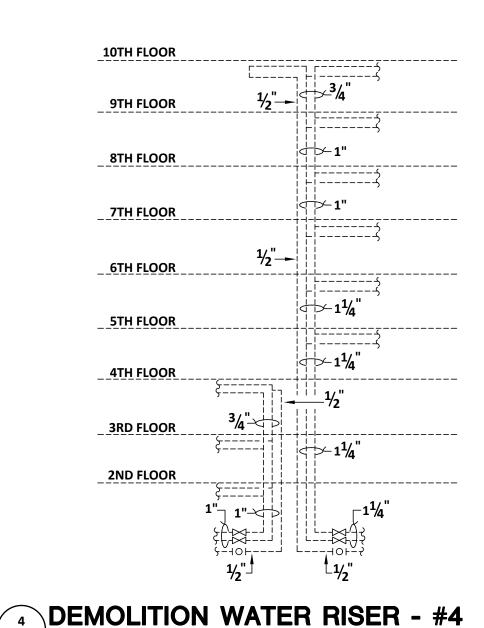
3RD FLOOR

2ND FLOOR

P204 SCHEMATIC

SCHEMATIC

## **10TH FLOOR** 9TH FLOOR **8TH FLOOR** 7TH FLOOR 1/2"--6TH FLOOR **5TH FLOOR** 3RD FLOOR 2ND FLOOR



P204 SCHEMATIC

**10TH FLOOR** 

9TH FLOOR

**8TH FLOOR** 

7TH FLOOR

6TH FLOOR

5TH FLOOR

4TH FLOOR

3RD FLOOR

P204 SCHEMATIC

10TH FLOOR

9TH FLOOR

8TH FLOOR

7TH FLOOR

6TH FLOOR

5TH FLOOR

4TH FLOOR

3RD FLOOR

2ND FLOOR

**DEMOLITION WATER RISER - #8** 

**1"** 

**1"** 

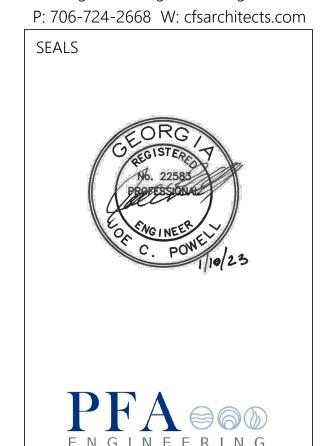
**1**½"

### THE FOLLOWING **DEMOLITION NOTE** PERTAINS TO ALL RISERS:

**REMOVE AND REPLACE EXISTING PIPING** ON FLOORS BEING RENOVATED AND "BUFFER" FLOORS ABOVE. DEMOLITION IS DEPENDENT UPON ALTERNATES TAKEN. . CAP WASTE, WATER AND VENT **RUNOUTS ON EXISTING RISERS LOCATED** AT 12" ABOVE "BUFFER" FLOORS WHERE **DEMOLITION BUT NO RENOVATION** OCCURS.



420 Eighth St, Augusta, Georgia 30901



PROJECT TITLE W.C. ERVIN **TOWERS** 

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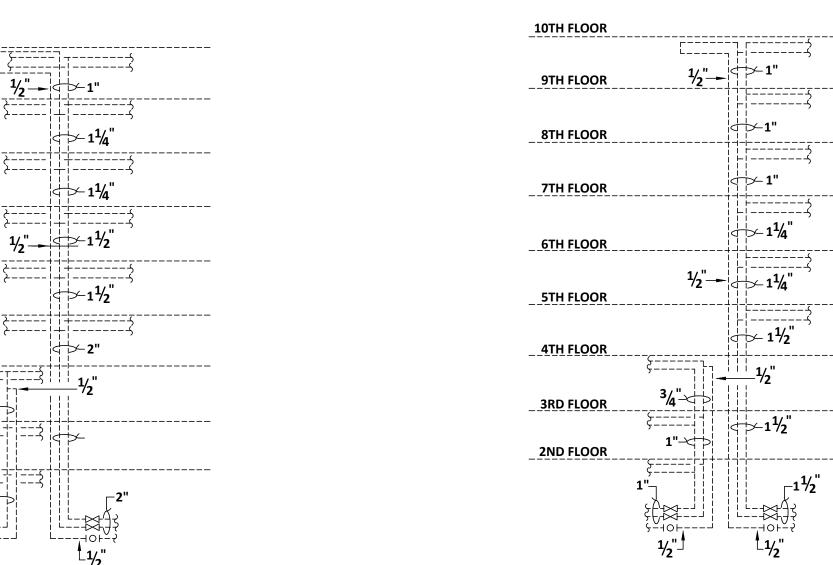
**PLUMBING** DEMOLITION WATER RISERS

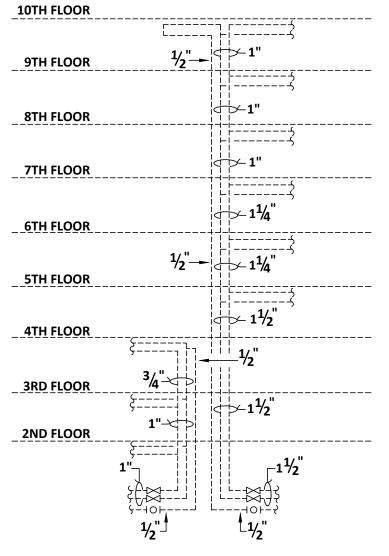
<u>1</u>	1/10/2023	ADDENDUM
MARK	DATE	DESCRIPTION

PROJECT NO: FILE: 20221006 ERVIN TOWERS DRAWN BY: MFJ

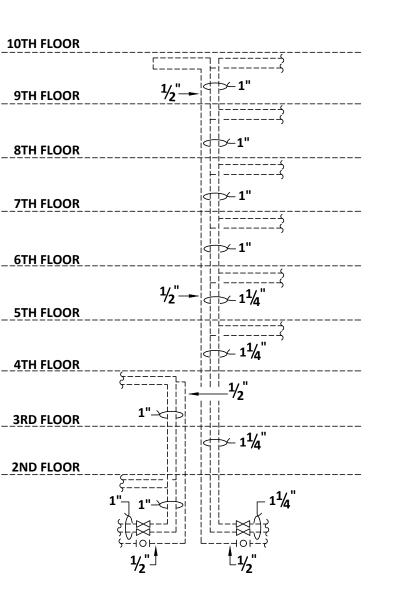
CHK'D BY: JCP

**DEMOLITION WATER RISER - #3 DEMOLITION WATER RISER - #2** P204 SCHEMATIC





DEMOLITION WATER RISER - #7



**DEMOLITION WATER RISER - #11** P204 SCHEMATIC

\_1<u>1</u>/4" 7TH FLOOR \_\_\_1/2" HW & 1/2" CW 6TH FLOOR **→** 1" HW & 1" CW **5TH FLOOR →** 1/2" HW & 1/2" CW 4TH FLOOR 1/2" HW & 1/2" CW 2ND FLOOR 1/2" HW & 1/2" CW -5 DEMOLITION WATER RISER - #5 P204 SCHEMATIC **10TH FLOOR** 9TH FLOOR **8TH FLOOR** 

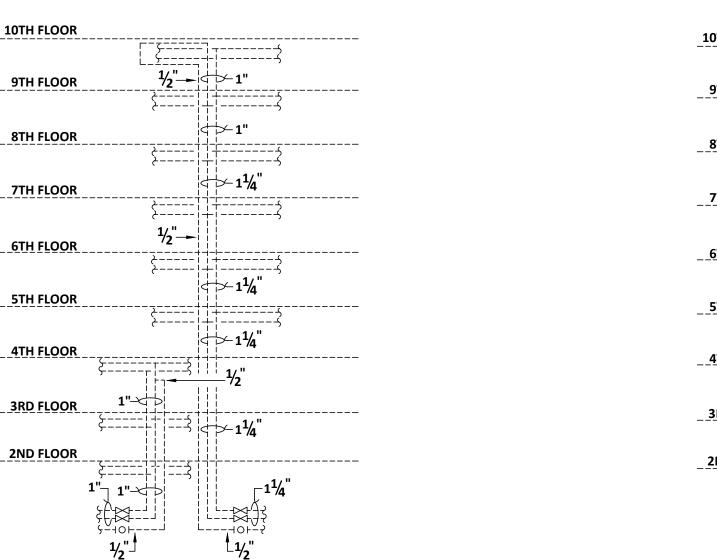
**DEMOLITION WATER RISER - #9** 

P204 SCHEMATIC

**10TH FLOOR** 

9TH FLOOR

8TH FLOOR



**10TH FLOOR** 9TH FLOOR 8TH FLOOR 7TH FLOOR 6TH FLOOR 5TH FLOOR 4TH FLOOR 3RD FLOOR 2ND FLOOR

**DEMOLITION WATER RISER - #6** 

**DEMOLITION WATER RISER - #10** 

PLOT DATE: 01/10/23 FILENAME: 20080P2 PLOT SCALE: 1 = 96

NOTE: RISER DIAGRAMS ARE SCHEMATIC ONLY AND ARE NOT SCALE

 $\sim\sim\sim\sim$ 

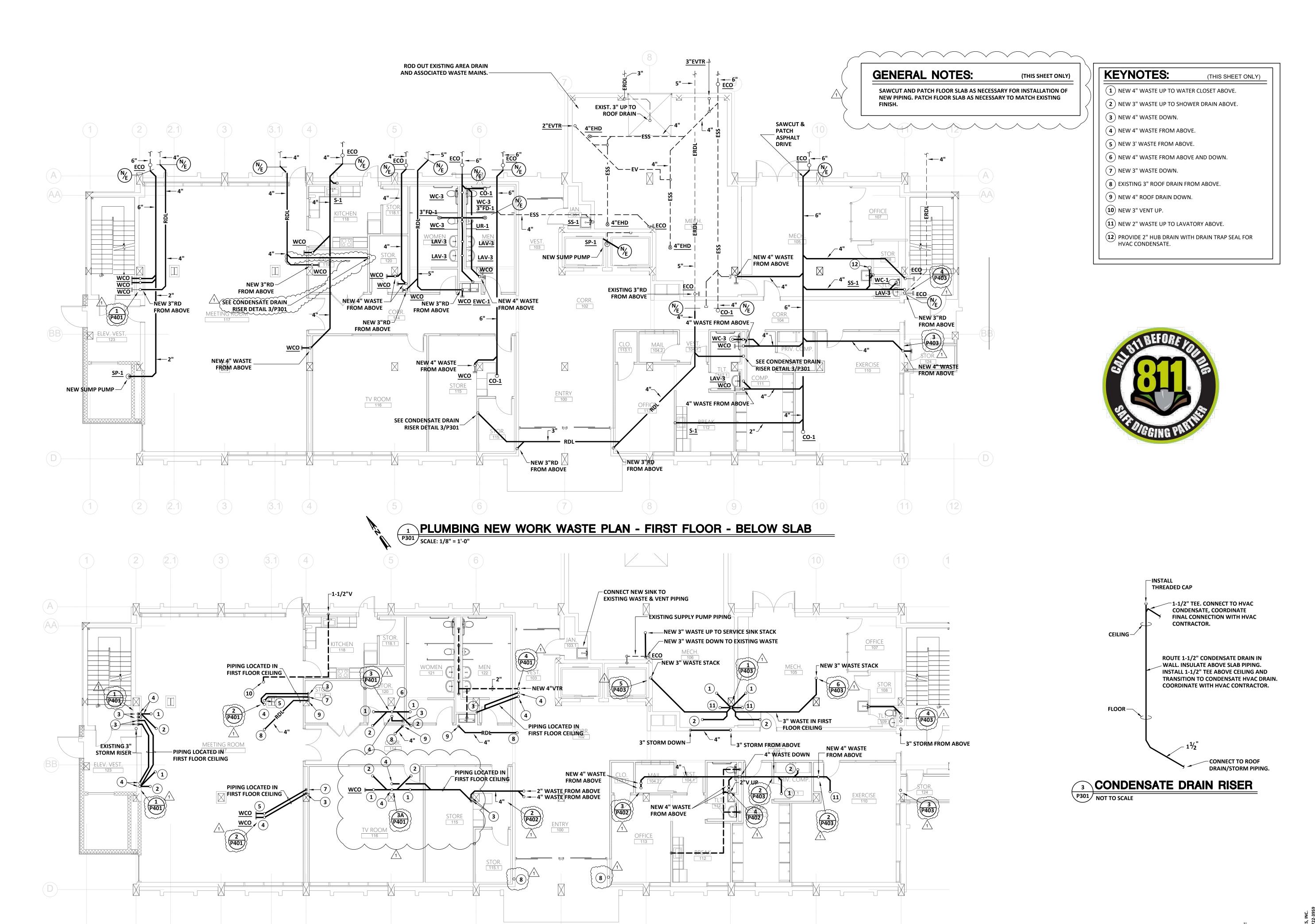
-1/2" HW & CW SUPPLIES TO MOP

SINK. (TYPICAL FOR RISER #12)

P204 SCHEMATIC

\$-**\** 

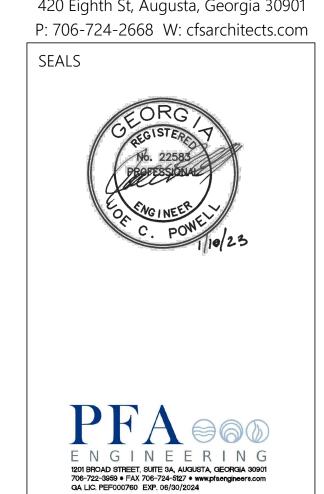
**DEMOLITION WATER RISER - #12** 



PLUMBING NEW WORK WASTE PLAN - FIRST FLOOR

Cheatham Fletcher Scott
ARCHITECTS + DESIGNERS

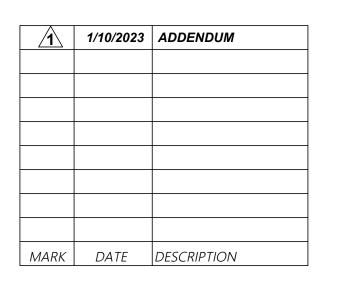
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PLUMBING NEW WORK WASTE PLAN - FIRST FLOOR PLAN



PROJECT NO:

FILE: 20221006 ERVIN TOWERS

DRAWN BY: MFJ/RWW

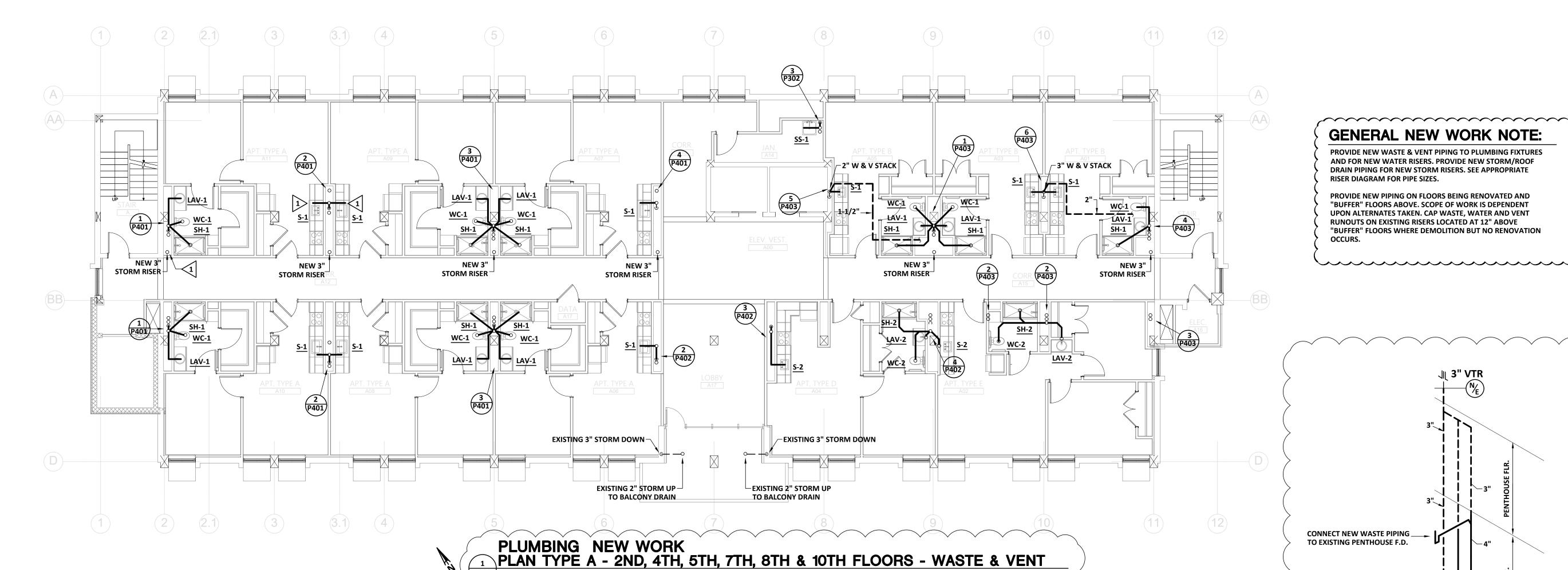
CHK'D BY: JCP

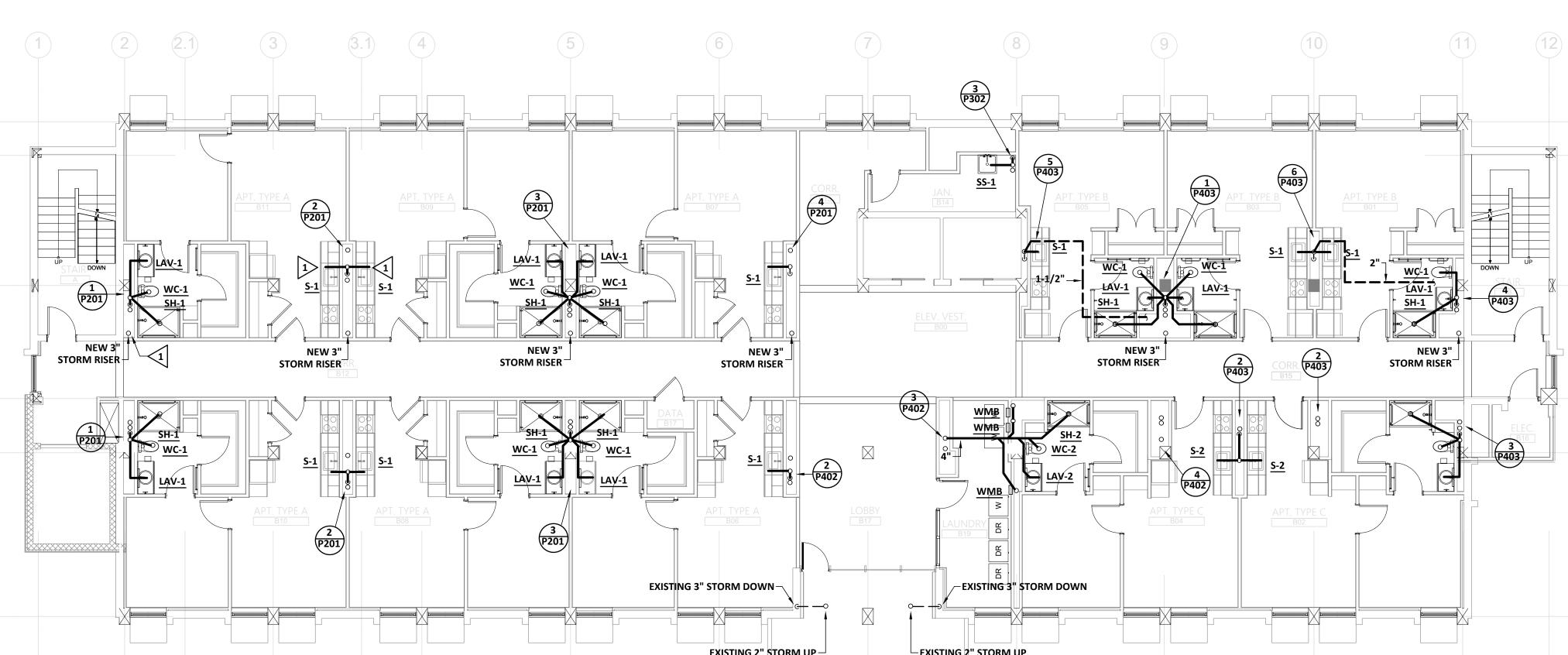
P301

PLOT DATE: 01/10/23

FILENAME: 20080P1
PLOT SCALE: 1 = 96

MFJ/RWW







TO SERVICE SINK-

TO SERVICE SINK

TO SERVICE SINK

3" RELIEF VENT

TO SERVICE SINK

TO SERVICE SINK-

P302 SCHEMATIC

C.O. PLUG " (TYP.)

FROM ELEVATOR

WASTE RISER NEW WORK - #13

PLOT DATE: 01/10/23 FILENAME: 20080P1 PLOT SCALE: 1 = 96

MFJ/RWW

11/2"-

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SEALS



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PROJECT TITLE W.C. ERVIN **TOWERS** 

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PLUMBING NEW WORK WASTE & **VENT PLAN** TYPE A & B FLOORS 2-10

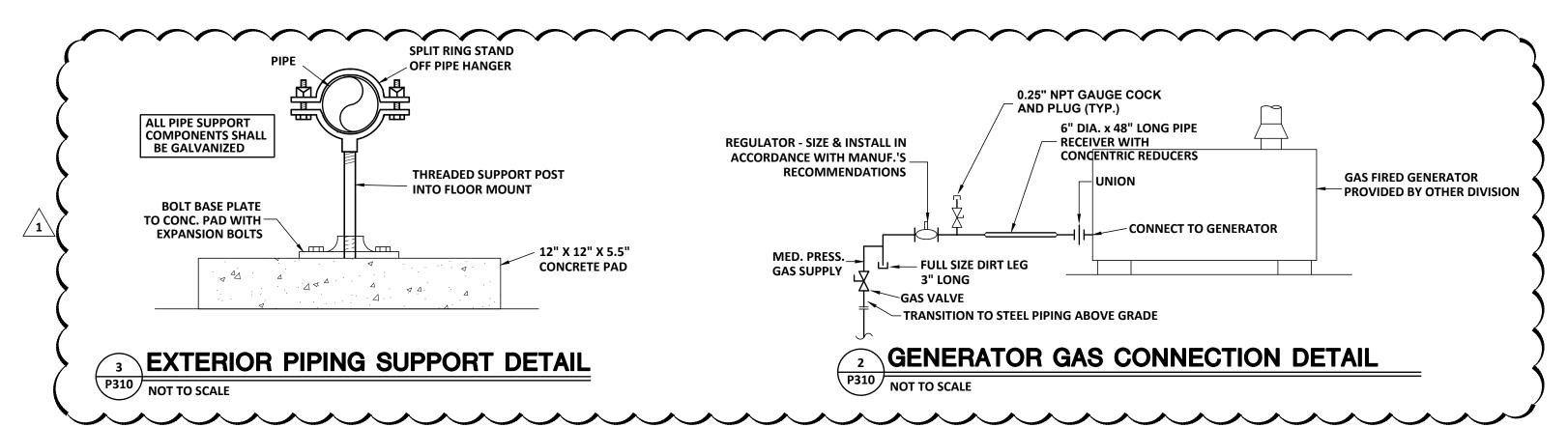
1/10/2023 | ADDENDUM MARK DATE DESCRIPTION

PROJECT NO: FILE: 20221006 ERVIN TOWERS DRAWN BY: MFJ/RWW CHK'D BY: JCP

**P302** 

EXISTING 2" STORM UP-EXISTING 2" STORM UP TO BALCONY DRAIN TO BALCONY DRAIN PLUMBING NEW WORK

PLAN TYPE B - 3RD, 6TH & 9TH FLOORS - WASTE & VENT





#### **KEYNOTES:**

(THIS SHEET ONLY)

- 1 ROUTE 2" CW, 2" HW & 1/2" HWR SUPPLIES UP TO FLOOR ABOVE. SET BALANCE VALVE TO FLOW 0.5 GPM.
- 2 ROUTE 1-1/2" CW, 1-1/2" HW & 1/2" HWR SUPPLIES UP TO FLOOR ABOVE. SET BALANCE VALVE TO FLOW 0.5 GPM.
- ROUTE 1-1/4" CW, 1-1/4" HW & 1/2" HWR SUPPLIES UP TO FLOOR ABOVE. SET BALANCE VALVE TO FLOW 0.5 GPM.
- ROUTE 1" CW, 1" HW & 1/2" HWR SUPPLIES UP TO FLOOR ABOVE. SET BALANCE VALVE TO FLOW 0.5 GPM.
- (5) 1"HW AND 3/4" SUPPLIES UP TO FLOOR ABOVE.



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PROJECT TITLE

W.C. ERVIN

**TOWERS** 

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

PLUMBING NEW WORK FIRST FLOOR PLAN -WATER

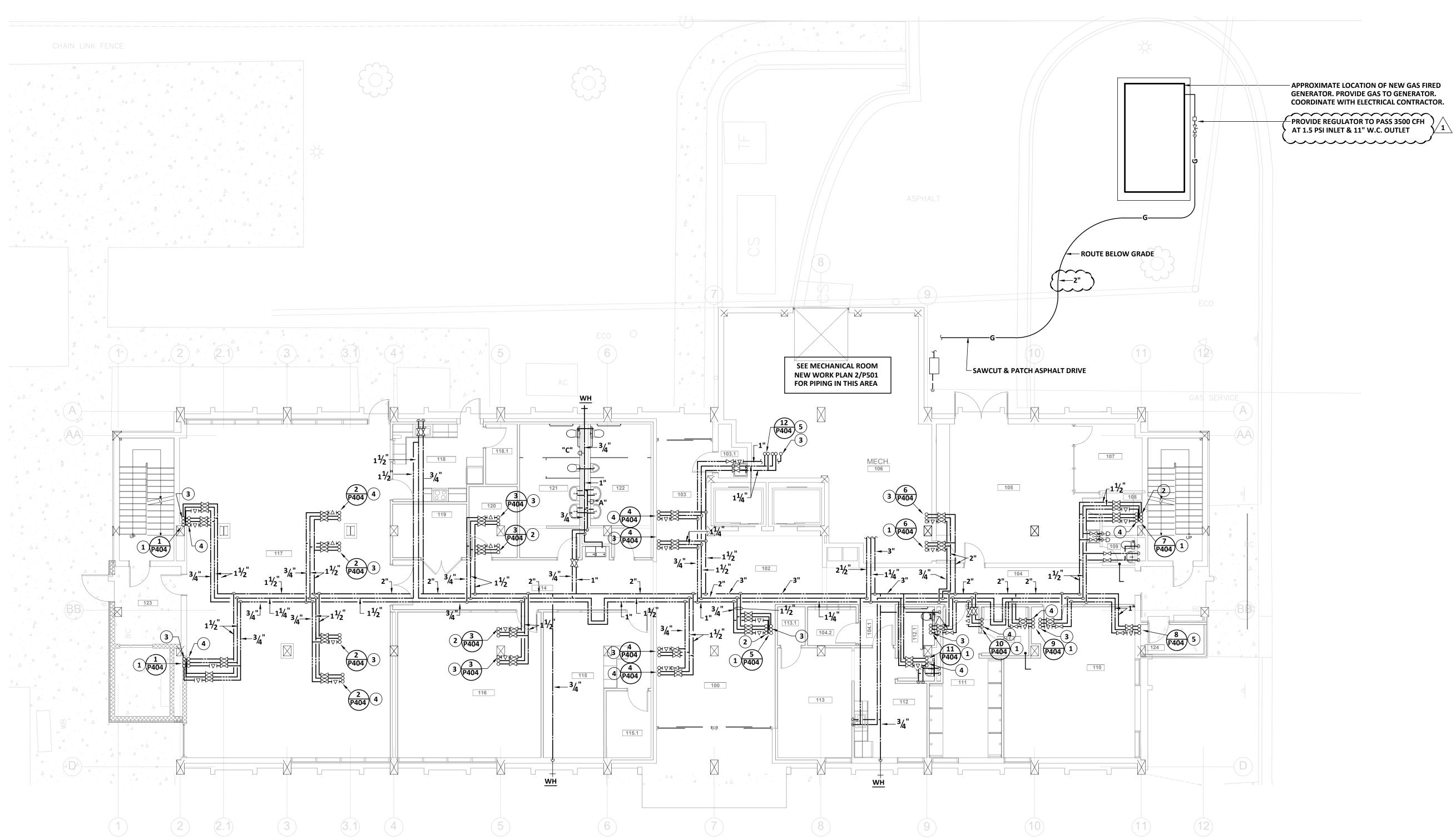
<u> 1</u>	1/10/2023	ADDENDUM
MARK	DATE	DESCRIPTION

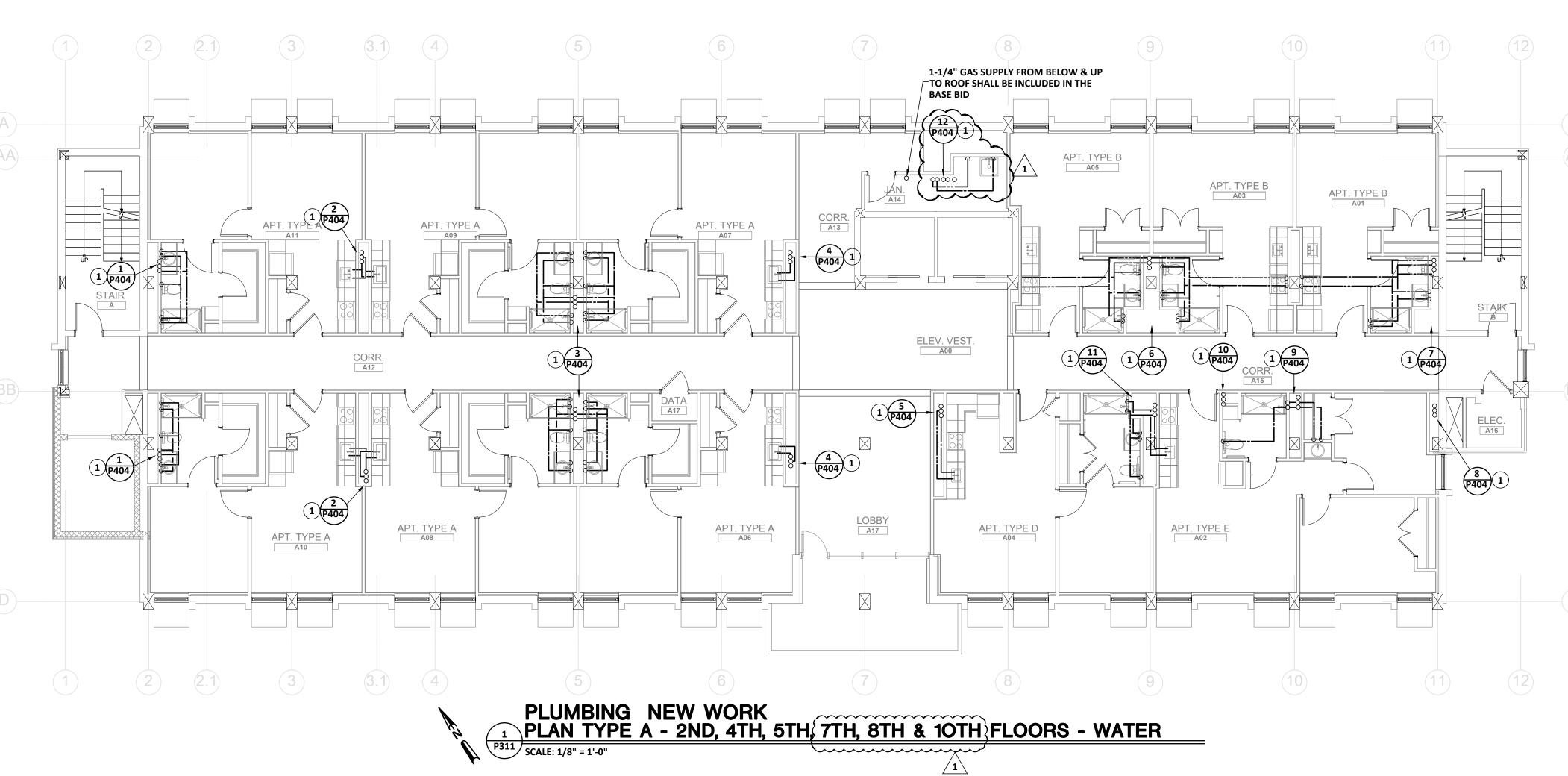
PROJECT NO: FILE: 20221006 ERVIN TOWERS

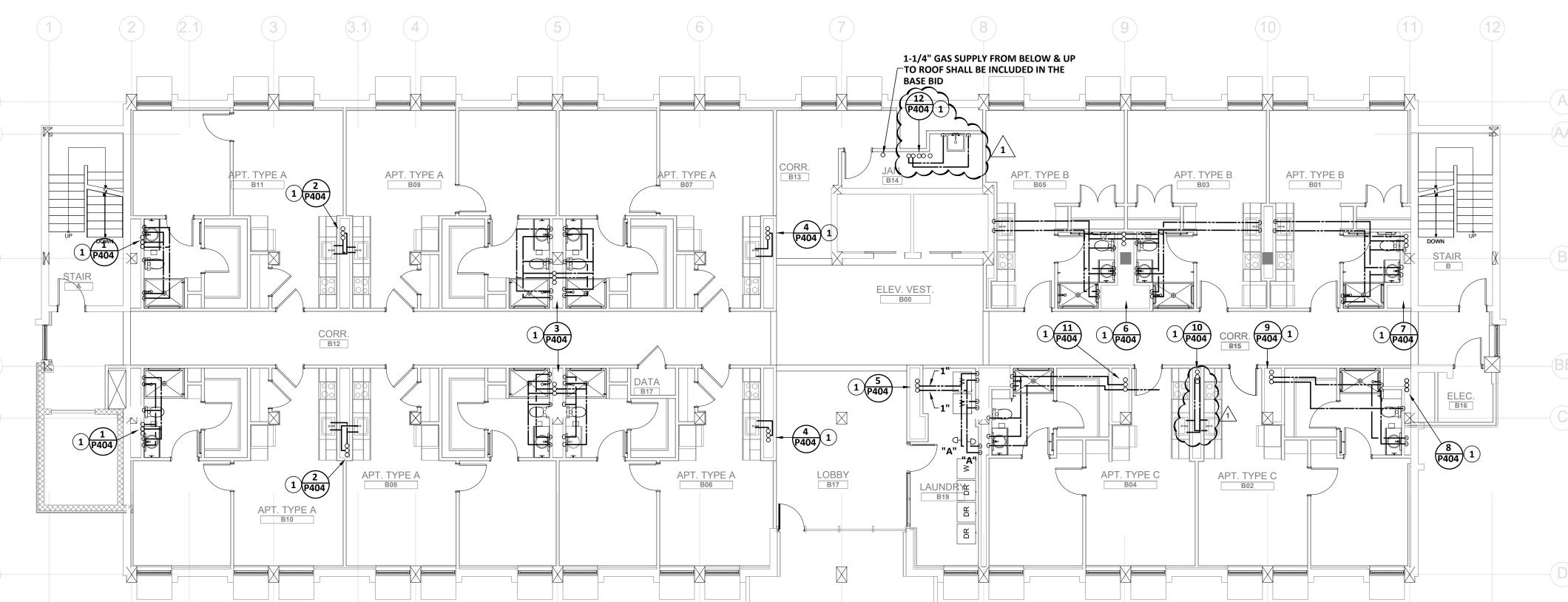
DRAWN BY: MFJ/RWW
CHK'D BY: JCP

PLOT DATE: 01/10/23 FILENAME: 20080P2

PLOT SCALE: 1 = 96 MFJ/RWW







PLUMBING NEW WORK PLAN TYPE B - 3RD, 6TH & 9TH FLOORS WATER

my manual of the second

P311 SCALE: 1/8" = 1'-0"

**KEYNOTES:** 

(THIS SHEET ONLY)

PROVIDE NEW COLD WATER, HOT WATER & HOT WATER RETURN PIPING TO PLUMBING FIXTURES AND FOR NEW WATER RISERS. SEE APPROPRIATE WATER RISER DIAGRAM FOR PIPE SIZES.

2 ROUTE 1-1/4" GAS SUPPLY UP TO ROOF. WORK SHALL BE INCLUDED IN THE BASE BID.

(3)1-1/4" GAS SUPPLY FROM BELOW. WORK SHALL BE INCLUDED IN THE BASE BID.

4 ROUTE 3/4" CW UP TO ROOF TOP HYDRANT. WORK SHALL BE INCLUDED IN THE BASE BID.

(5) ROUTE 3/4" CW SUPPLY DOWN TO 9TH FLOOR AND CONNECT TO COLD WATER SUPPLY. WORK SHALL BE INCLUDED IN THE BASE

#### **GENERAL NEW WORK NOTE:**

PROVIDE NEW PIPING ON FLOORS BEING RENOVATED AND "BUFFER" FLOORS ABOVE. SCOPE OF WORK IS DEPENDENT **UPON ALTERNATES TAKEN. . CAP WASTE, WATER AND VENT** RUNOUTS ON EXISTING RISERS LOCATED AT 12" ABOVE "BUFFER" FLOORS WHERE DEMOLITION BUT NO RENOVATION OCCURS.

**PLUMBING PART PLAN - 10TH FLOOR** 

P312 SCALE: 1/8" = 1'-0"



Cheatham Fletcher Scott ARCHITECTS + DESIGNERS

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### PROJECT TITLE W.C. ERVIN **TOWERS**

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PLUMBING NEW WORK WATER PLAN TYPE A & B FLOORS 2-10

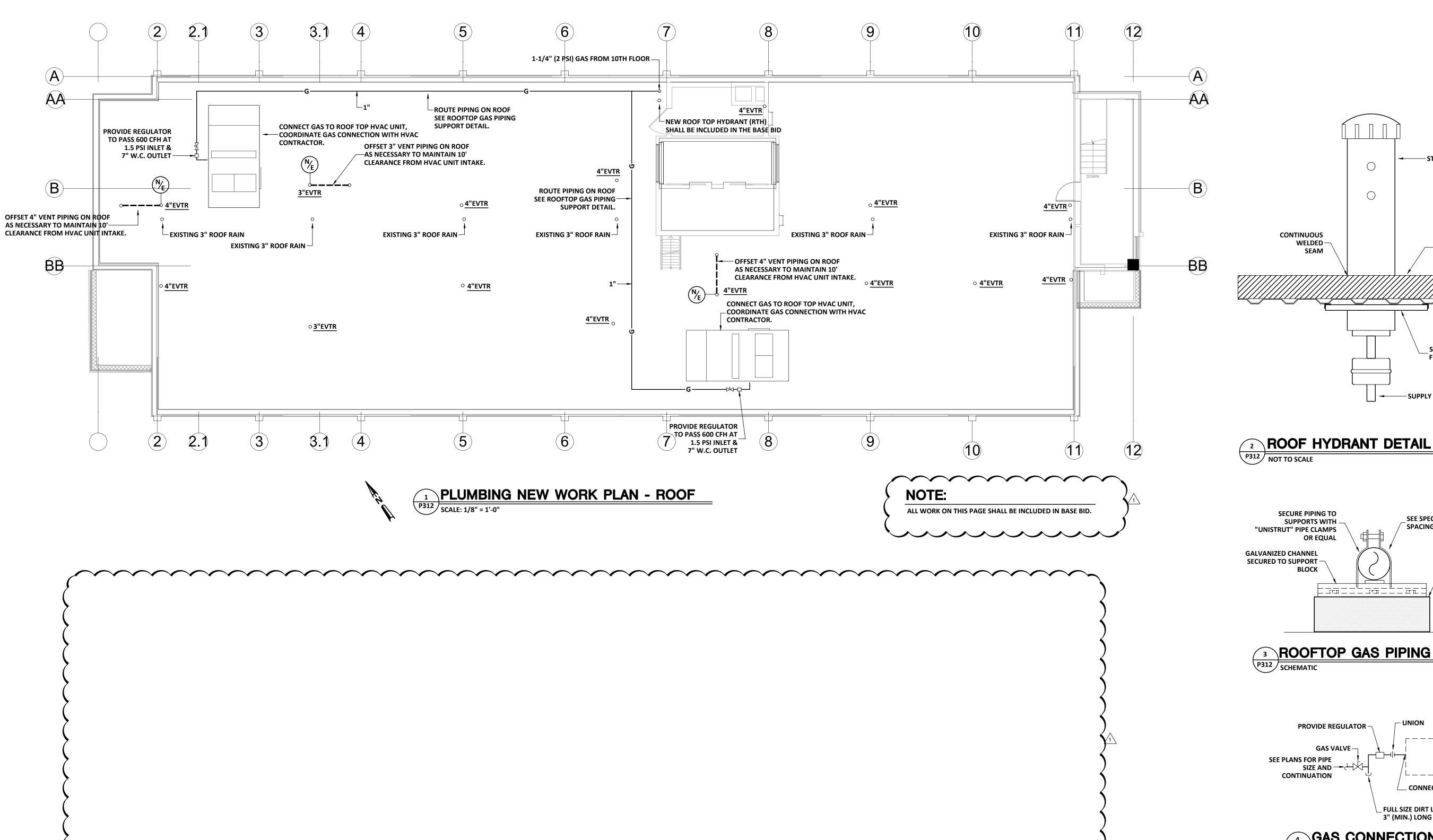
<u> 1</u>	1/10/2023	ADDENDUM	
MARK	DATE	DESCRIPTION	

PROJECT NO: FILE: 20221006 ERVIN TOWERS

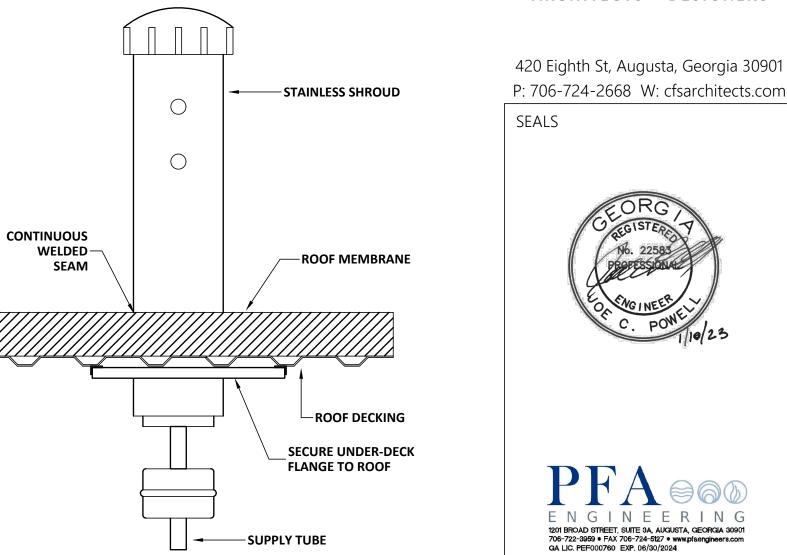
DRAWN BY:MFJ/RWW CHK'D BY: JCP

P311

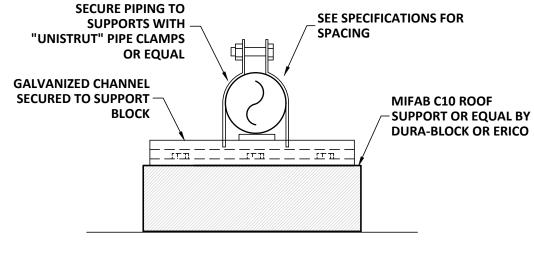
PLOT DATE: 01/10/23 FILENAME: 20080P2 PLOT SCALE: 1 = 96 MFJ/RWW



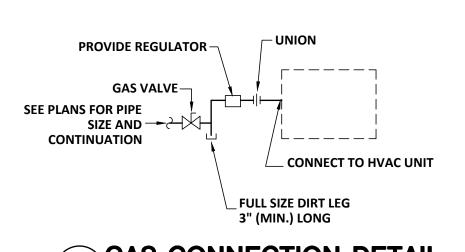




W.C. ERVIN TOWERS



ROOFTOP GAS PIPING SUPPORT



**GAS CONNECTION DETAIL** P312 NOT TO SCALE

> PLOT DATE: 01/10/23 FILENAME: 20080P2 PLOT SCALE: 1 = 96

MFJ/RWW

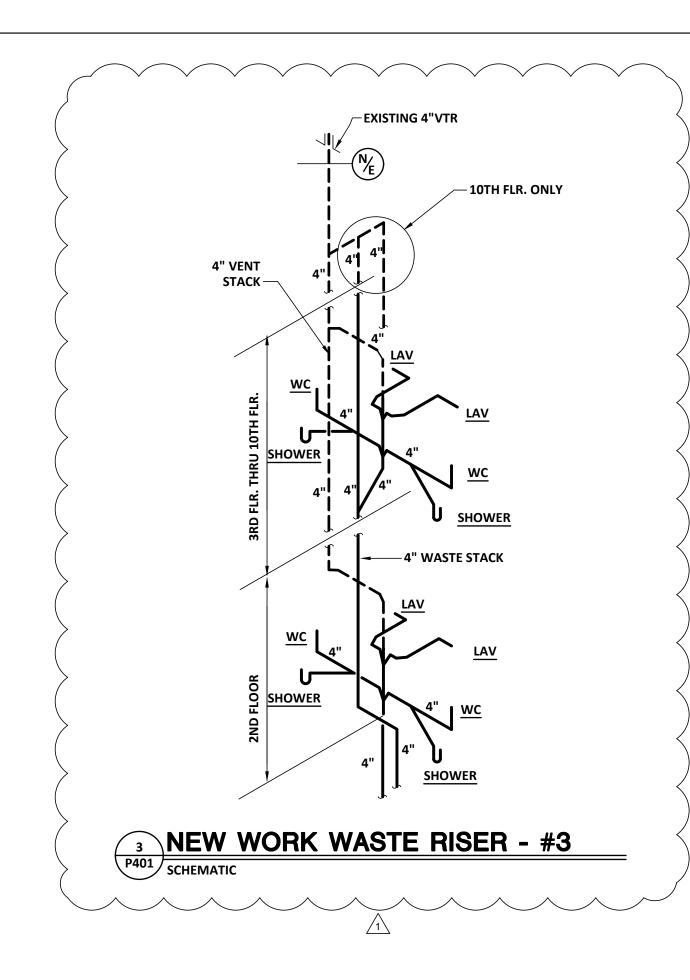
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PLUMBING NEW **WORK PLAN** FLOORS ROOF

$\hat{1}$	1/10/2023	ADDENDUM
MARK	DATE	DESCRIPTION

PROJECT NO: FILE: 20221006 ERVIN TOWERS DRAWN BY: MFJ/RWW

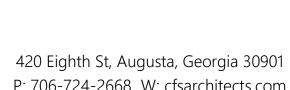
CHK'D BY: JCP





#### THE FOLLOWING **NOTE PERTAINS** TO ALL RISERS:

REMOVE AND REPLACE EXISTING PIPING ON FLOORS BEING RENOVATED AND "BUFFER" FLOORS ABOVE. NEW WORK IS DEPENDENT UPON ALTERNATES TAKEN. PROVIDE NEW PIPING ON FLOORS BEING RENOVATED AND CONNECT TO EXISTING RISERS AT 12" ABOVE "BUFFER" FLOORS WHERE DEMOLITION BUT NO **RENOVATION OCCURS. ROUGH-IN FOR FUTURE WATER CLOSETS, SHOWERS,** LAVATORIES AND SINKS IN FLOOR **ABOVE. CONNECTIONS SHALL BE MADE** AND ROUGH-INS SHALL BE PERFORMED ABOVE THE HIGHEST FLOOR THAT IS RENOVATED SUCH THAT RE-ENTRY INTO A FLOOR THAT HAS BEEN RENOVATED WILL NOT BE REQUIRED FOR FUTURE CONNECTIONS.



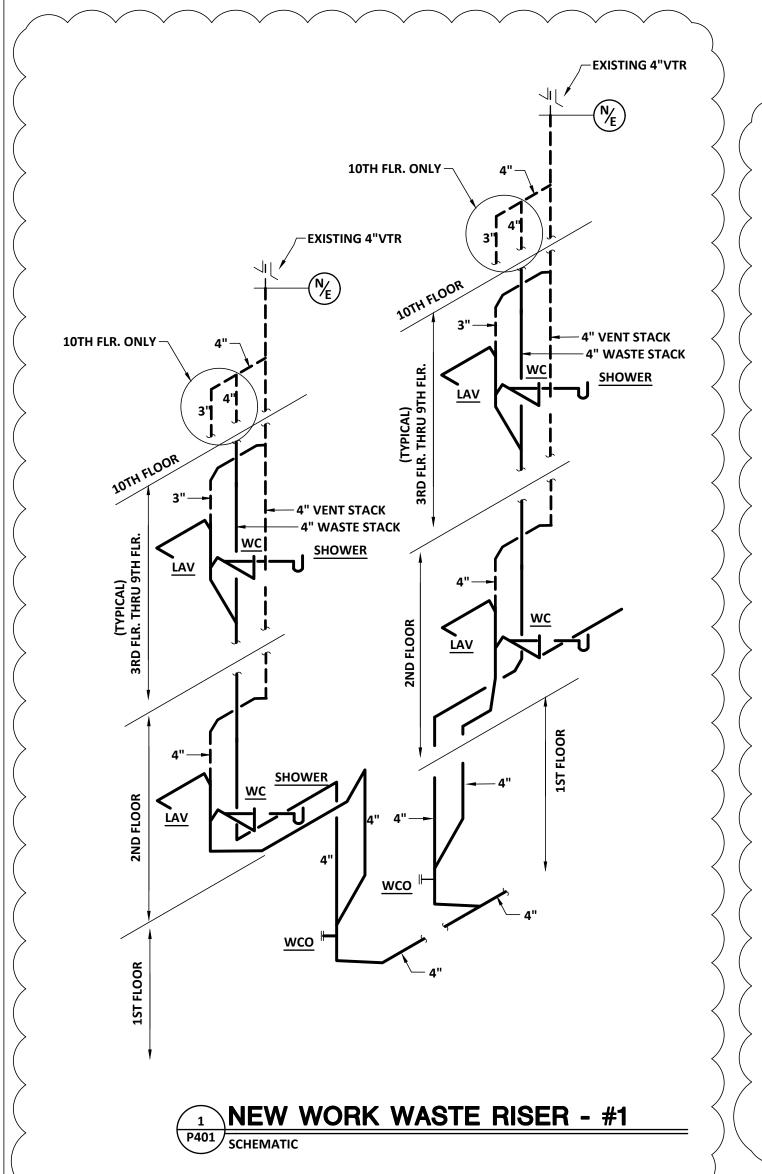
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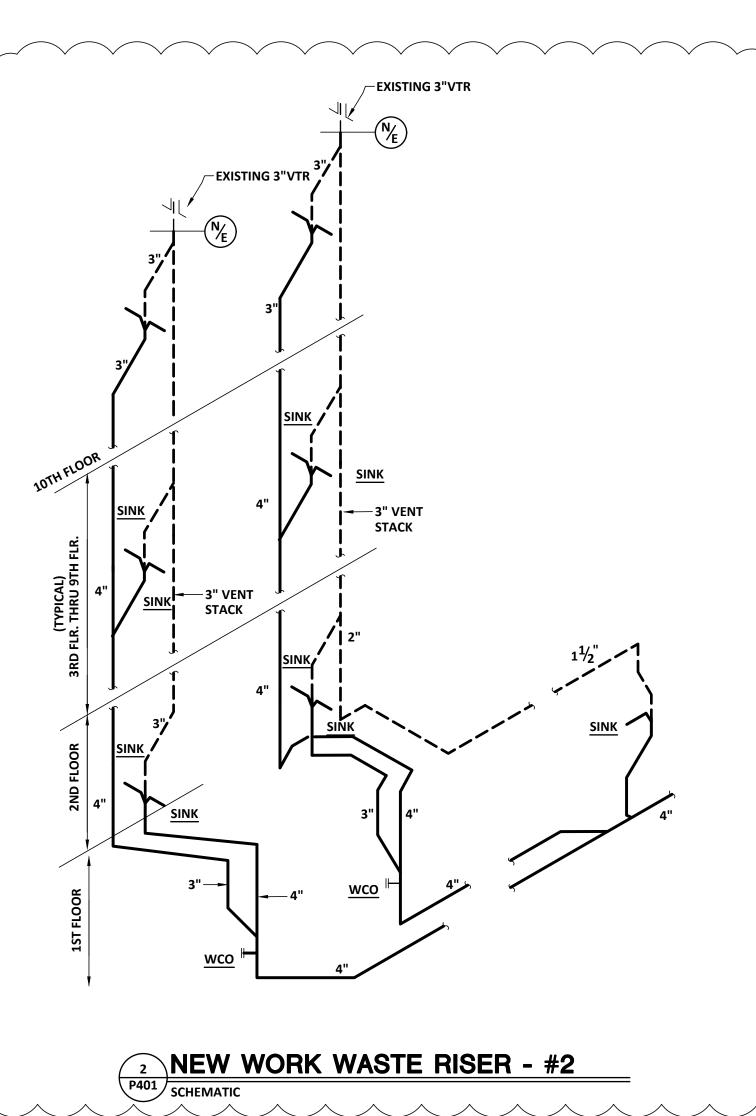
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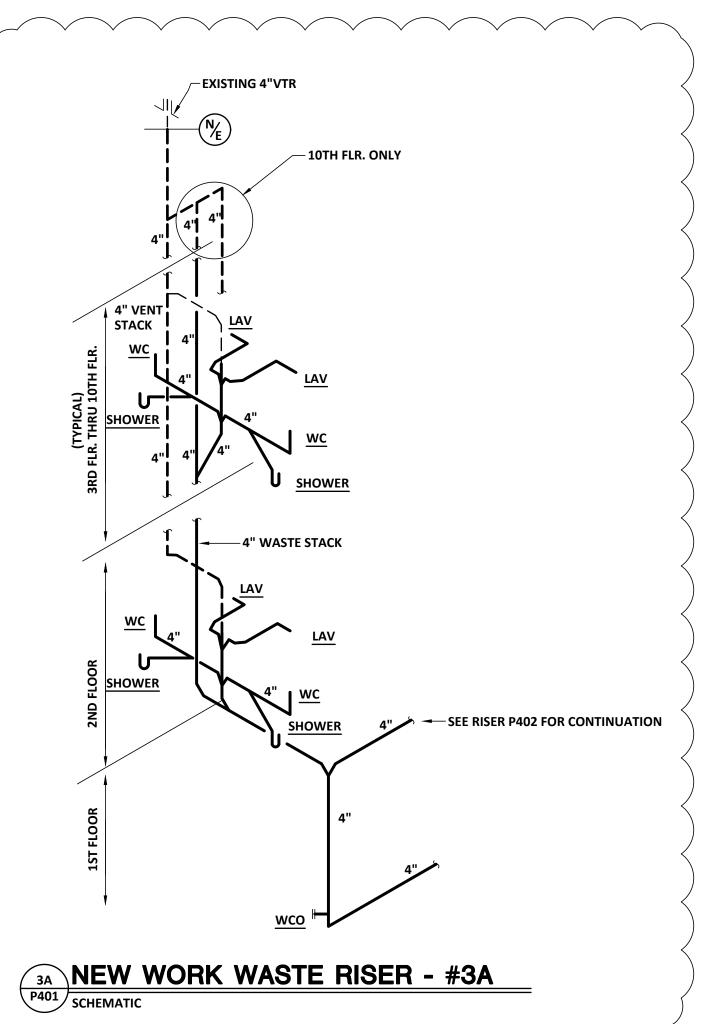


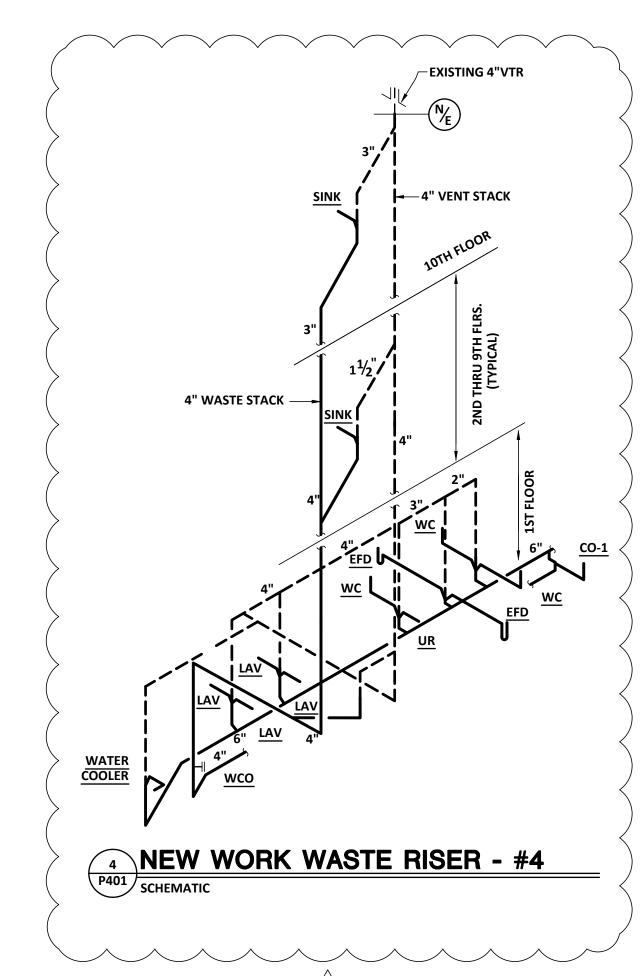


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PLUMBING NEW **WORK WASTE RISERS** 

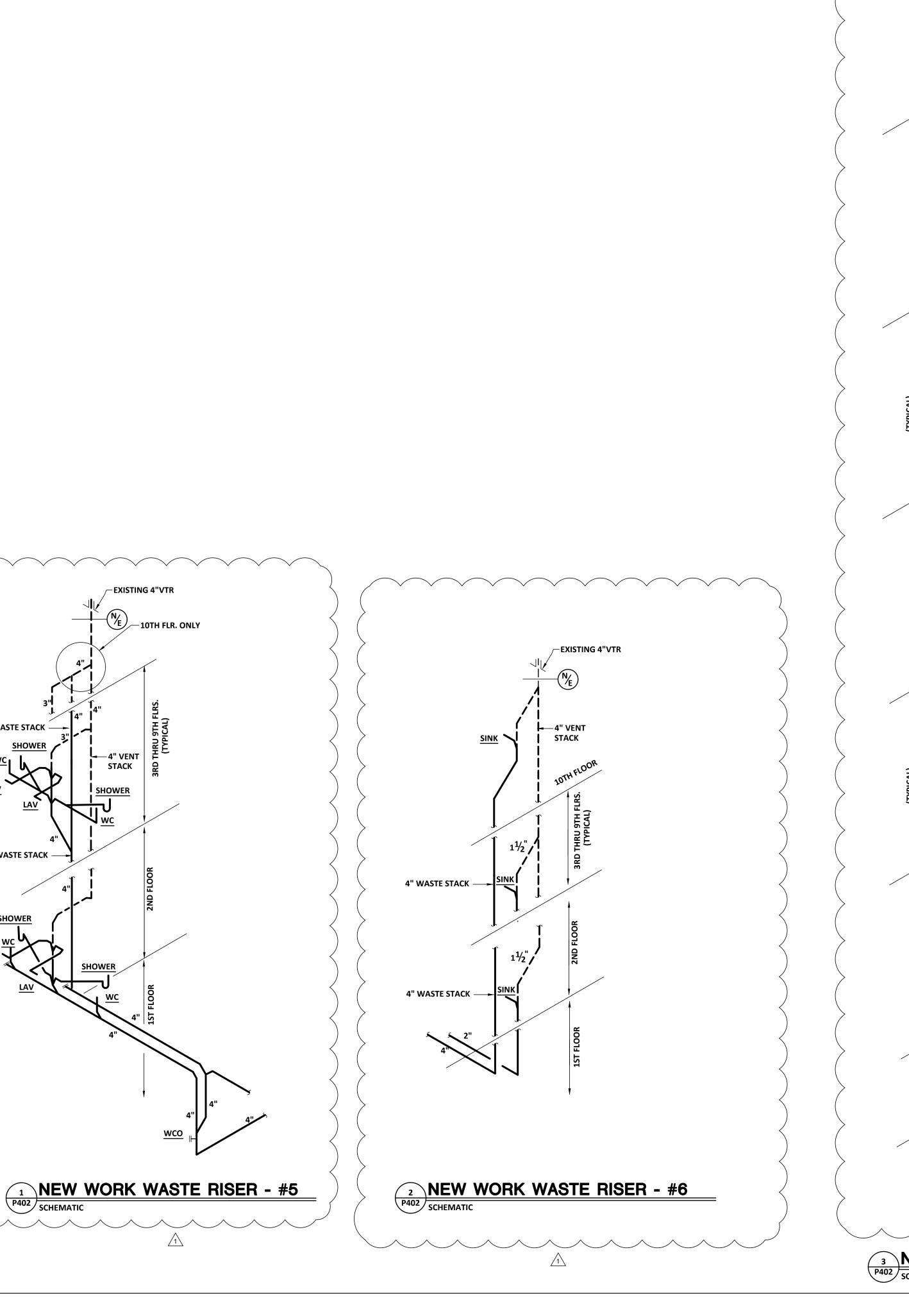
1	1/10/2023	ADDENDUM
MARK	DATE	DESCRIPTION

PROJECT NO: FILE: 20221006 ERVIN TOWERS

DRAWN BY: CHK'D BY:

PLOT DATE: 01/10/23 FILENAME: 20080P1 PLOT SCALE: 1 = 96

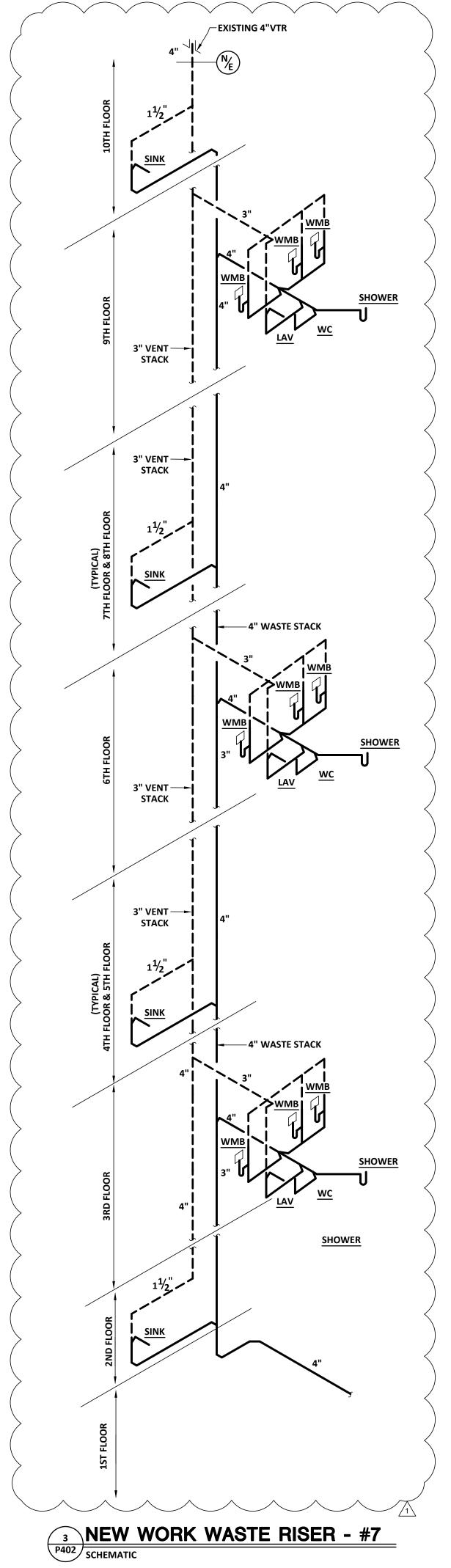
MFJ/RWW

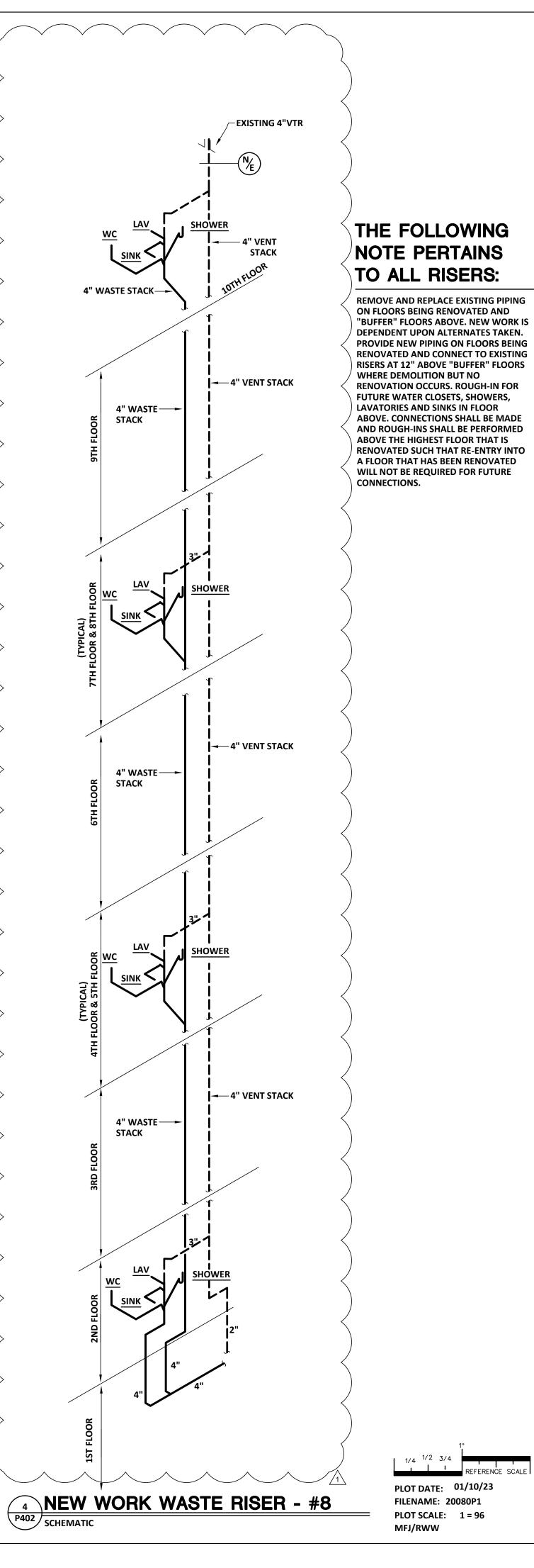


4" WASTE STACK

4" WASTE STACK -

-4" VENT STACK







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# PROJECT TITLE W.C. ERVIN TOWERS

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PLUMBING NEW **WORK WASTE RISERS** 

$\boxed{1}$	1/10/2023	ADDENDUM
MARK	DATE	DESCRIPTION

PROJECT NO: FILE: 20221006 ERVIN TOWERS

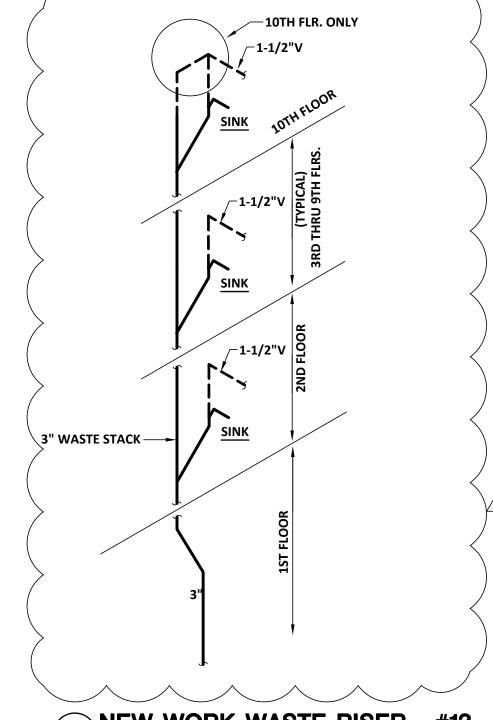
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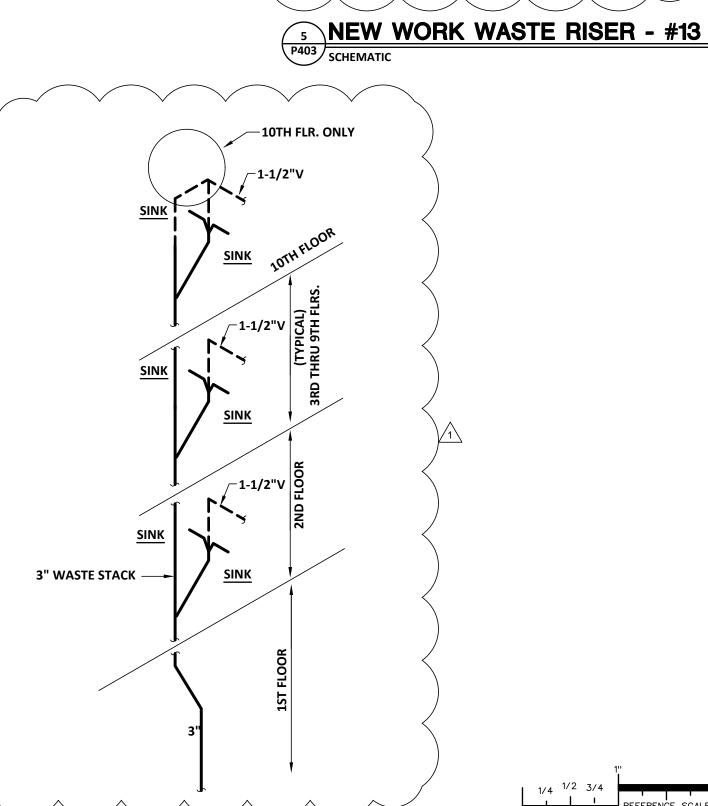
## \_EXISTING 4"VTR **→** 4" VENT STACK **─10TH FLR. ONLY** 10TH FLR. ONLY-4" WASTE STACK-**→** 4" VENT STACK 4" WASTE STACK 4" WASTE STACK— 4" VENT STACK EXISTING 4"VTR 4" WASTE STACK-—10TH FLR. ONLY **→** 4" VENT STACK 4" WASTE \_ STACK **→** 4" WASTE STACK 4" VENT STACK 4" WASTE STACK— **4" VENT STACK** SHOWER 4" WASTE STACK-**SHOWER -**—4" WASTE STACK 4" VENT STACK 4" WASTE \_ STACK **SHOWER** 4" WASTE \_ STACK wco SHOWER NEW WORK WASTE RISER - #11 P403 SCHEMATIC NEW WORK WASTE RISER - #10 P403 SCHEMATIC NEW WORK WASTE RISER - #9 P403 SCHEMATIC P403 SCHEMATIC

### THE FOLLOWING **NOTE PERTAINS**

TO ALL RISERS:

REMOVE AND REPLACE EXISTING PIPING ON FLOORS BEING RENOVATED AND "BUFFER" FLOORS ABOVE. NEW WORK IS DEPENDENT UPON ALTERNATES TAKEN. PROVIDE NEW PIPING ON FLOORS BEING RENOVATED AND CONNECT TO EXISTING RISERS AT 12" ABOVE "BUFFER" FLOORS WHERE DEMOLITION BUT NO RENOVATION OCCURS. ROUGH-IN FOR **FUTURE WATER CLOSETS, SHOWERS,** LAVATORIES AND SINKS IN FLOOR ABOVE. CONNECTIONS SHALL BE MADE AND ROUGH-INS SHALL BE PERFORMED ABOVE THE HIGHEST FLOOR THAT IS RENOVATED SUCH THAT RE-ENTRY INTO A FLOOR THAT HAS BEEN RENOVATED WILL NOT BE REQUIRED FOR FUTURE CONNECTIONS.





\_EXISTING 4"VTR

—10TH FLR. ONLY

4" WASTE STACK

-4" WASTE STACK

N/E

TO SINK

1-1/2" VENT TO SINK

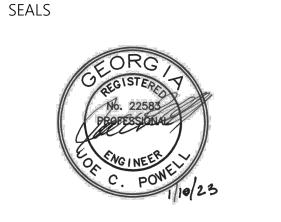
SHOWER

NEW WORK WASTE RISER - #12



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PLUMBING NEW **WORK WASTE RISERS** 

1	1/10/2023	ADDENDUM	
MARK	DATE	DESCRIPTION	

PROJECT NO: FILE: 20221006 ERVIN TOWERS

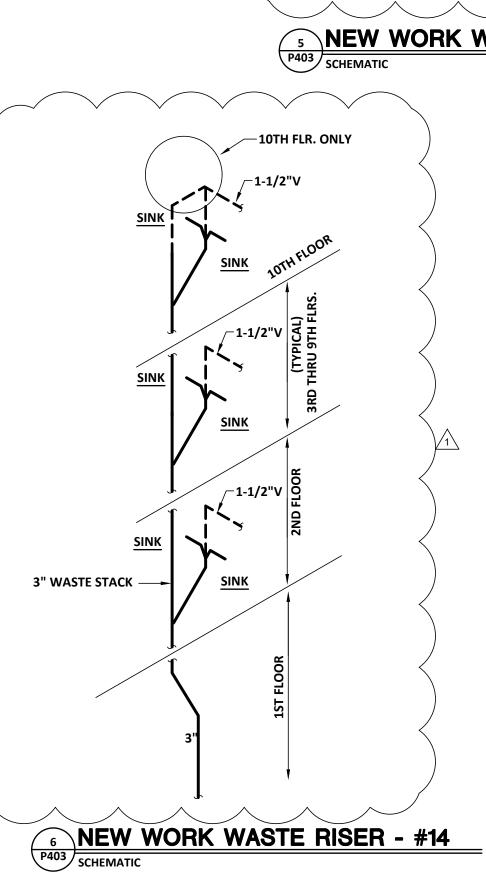
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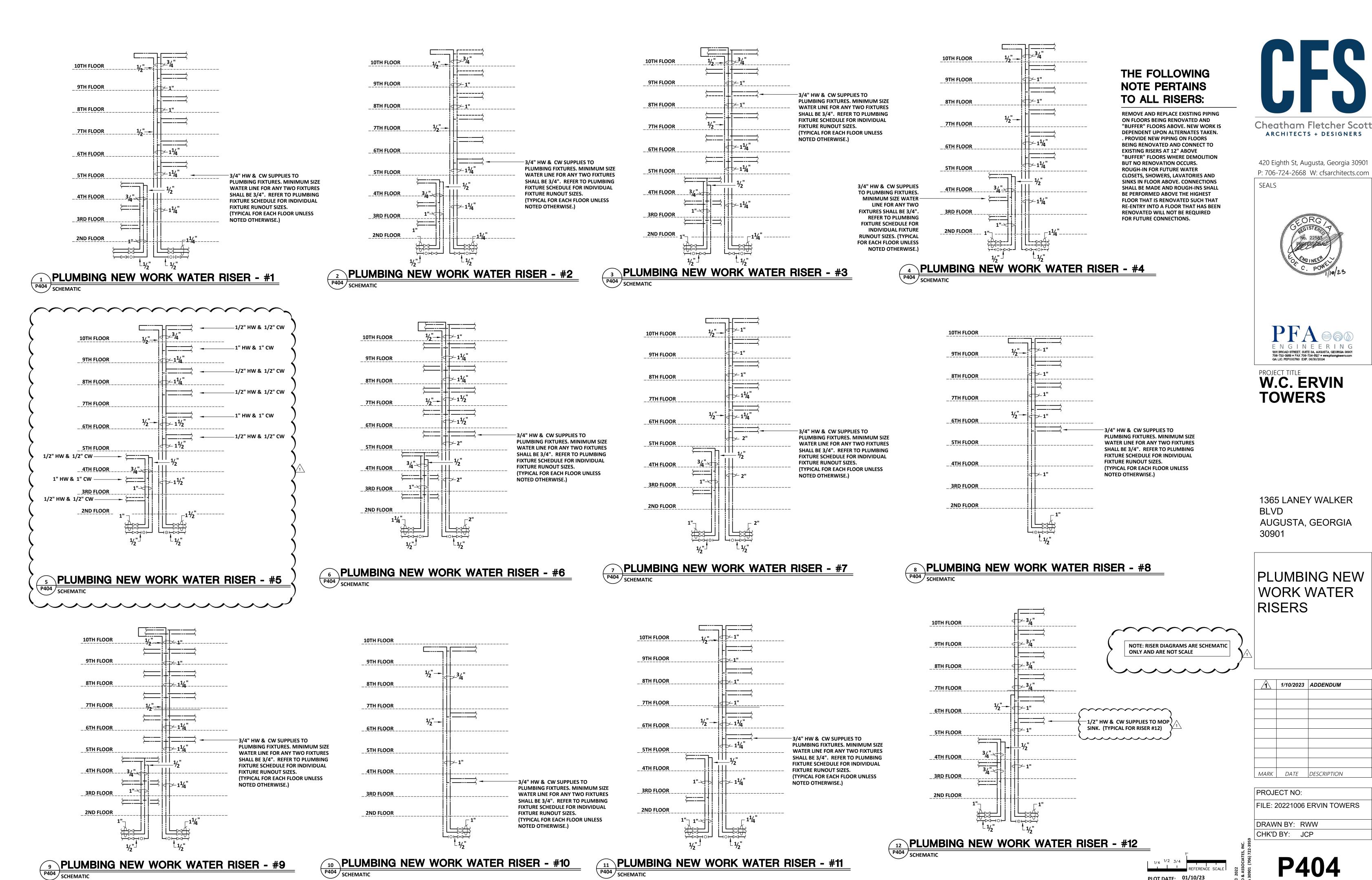
PLOT DATE: 01/10/23

FILENAME: 20080P1

PLOT SCALE: 1 = 96

MFJ/RWW





**PLUMBING NEW WORK WATER RISER - #11** 

P404 SCHEMATIC

9 PLUMBING NEW WORK WATER RISER - #9

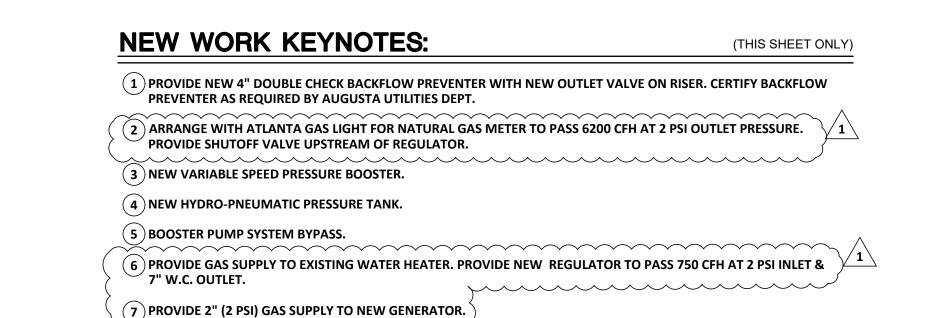
P404 SCHEMATIC

P404 REFERENCE SCALE PLOT DATE: 01/10/23

FILENAME: 20080P2 PLOT SCALE: 1 = 96

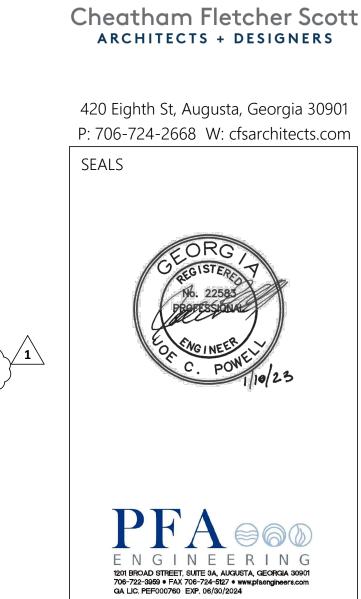
#### **DEMOLITION KEYNOTES:** (THIS SHEET ONLY) 1> REMOVE EXISTING WATER PIPING AS NOTED. 2> REMOVE EXISTING DOMESTIC WATER PRESSURE BOOSTING PUMPS, PIPING MOUNTING PADS AND CONTROLS. 3> REMOVE EXISTING HOT WATER RETURN CIRCULATING PUMP. 4> EXISTING HOT WATER RETURN CIRCULATING PUMP TO REMAIN. 5 REPLACE EXISTING 4" DOUBLE CHECK BACKFLOW PREVENTER ON RISER. 6> REPLACE EXISTING HOT WATER RETURN CIRCULATING PUMP.

#### **BUILDING SHALL REMAIN OCCUPIED** CONTRACTOR IS ADVISED THAT THE AUGUSTA HOUSING AUTHORITY FINDS IT NECESSARY THAT CERTAIN FLOORS SHALL REMAIN OCCUPIED THROUGHOUT THE PROJECT RENOVATION PERIOD. THE NUMBER OF OCCUPIED FLOORS SHALL BE DETERMINED BY THE NUMBER OF ALTERNATES ACCEPTED. OWNER ACKNOWLEDGES SHUTDOWNS TO WATER, SANITARY WASTE AND ELECTRICAL POWER SHALL BE NECESSARY AND FREQUENT. CONTRACTOR SHALL PROVIDE THE BUILDING MANAGER WITH UPDATES TO THE SHUTDOWN SCHEDULE ON A DAILY BASIS. IN NO CIRCUMSTANCE SHALL ANY APARTMENT BE WITHOUT WATER, SANITARY WASTE OR ELECTRICITY FOR A PERIOD LASTING MORE THAN FOUR HOURS.



8 PROVIDE NEW HOT WATER RETURN CIRCULATING PUMP RP-1. CONNECT TO EXISTING PIPING. PROVIDE UNIONS

 $^\prime$  AND PRESSURE GAUGES AT INLETS AND OUTLETS OF PUMP. PROVIDE NON-SLAM CHECK VALVE ON PUMP OUTLET.





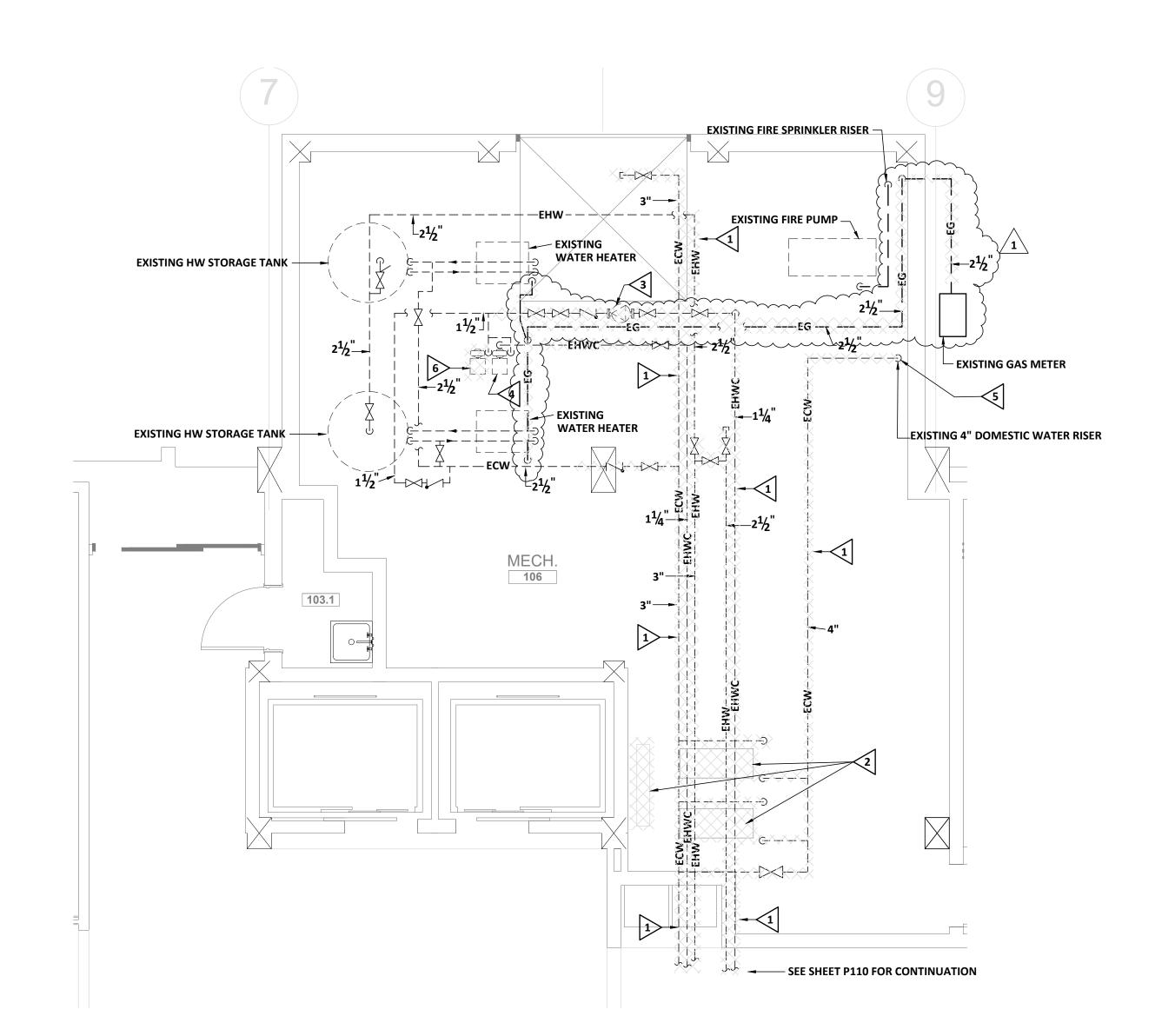
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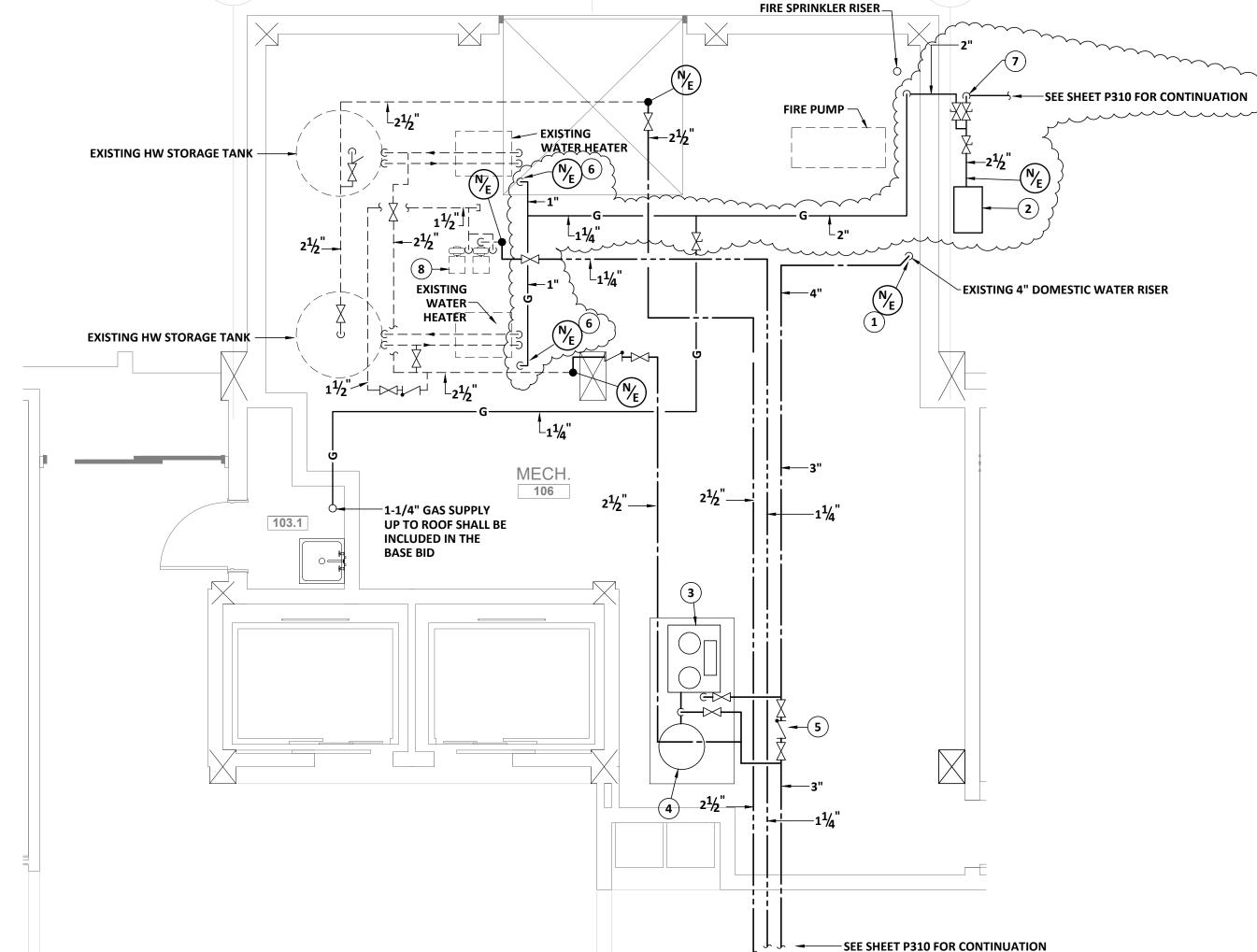
**PLUMBING MECHANICAL ROOM PLAN** 

1	1/10/2023	ADDENDUM
MARK	DATE	DESCRIPTION

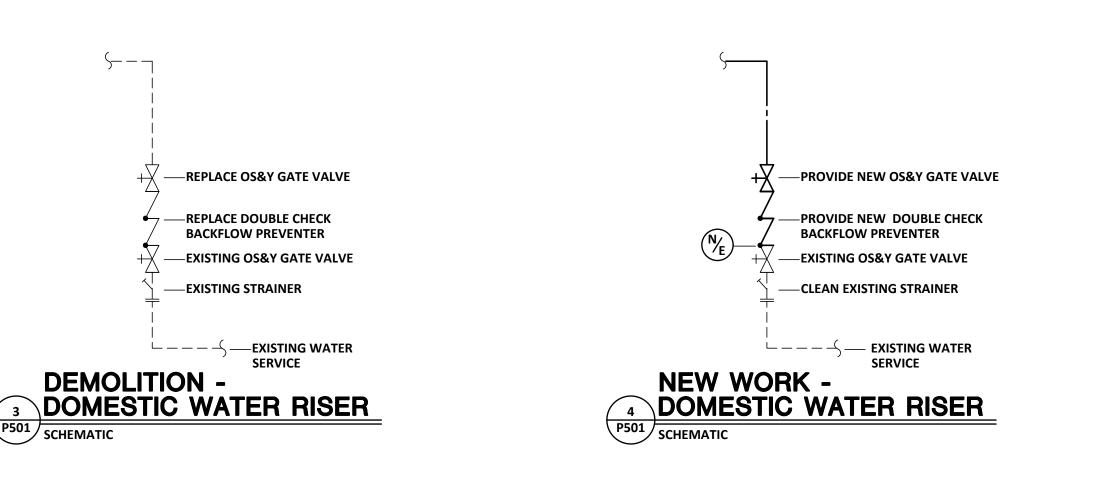
PROJECT NO: FILE: 20221006 ERVIN TOWERS DRAWN BY: MFJ

CHK'D BY: JCP



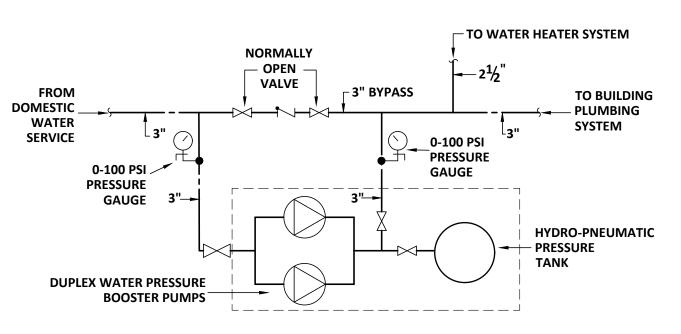


PLUMBING NEW WORK PLAN - FIRST FLOOR MECHANICAL ROOM - WATER P501 SCALE: 1/4" = 1'-0"



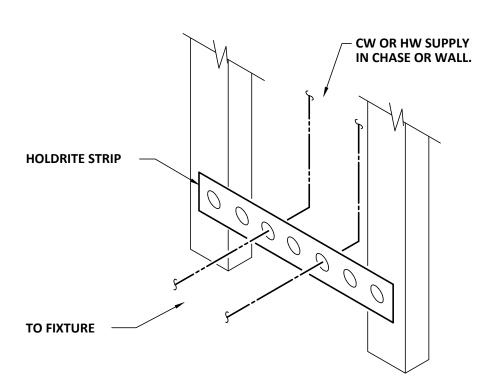
1 PLUMBING DEMOLITION PLAN - FIRST FLOOR MECHANICAL ROOM - WATER

P501 SCALE: 1/4" = 1'-0"

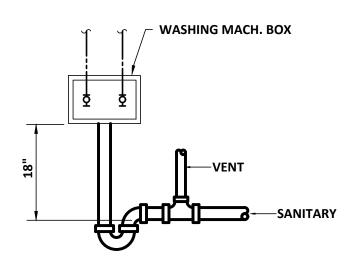


P501 SCHEMATIC

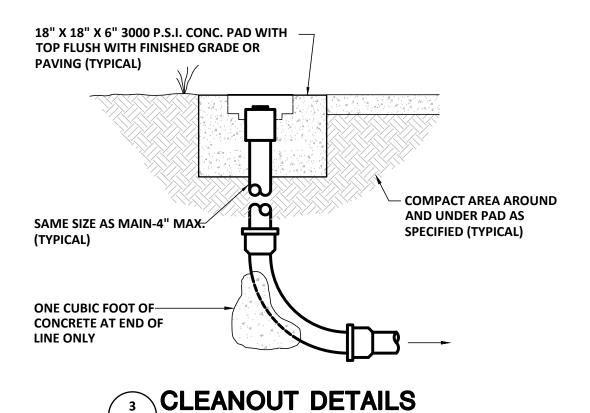
WATER PRESSURE BOOSTER SYSTEM KEY PLAN
NOT TO SCALE PLOT DATE: 01/10/23 FILENAME: 20080P2 PLOT SCALE: 1 = 48

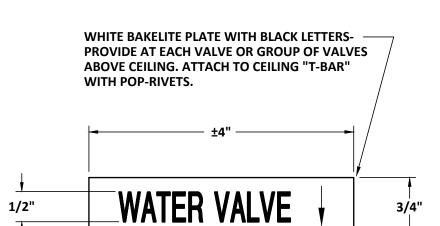


RUNOUT ANCHOR DETAILS



WASHING MACHINE BOX DETAIL P601 SCHEMATIC ONLY





P601 SCHEMATIC ONLY

WATER VALVE LOCATOR TAG P601 NOT TO SCALE

#### **GENERAL PLUMBING NOTES**

THE LOCATIONS OF EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

EXERCISE CARE SO AS NOT TO CUT OR INTERRUPT ANY EXISTING UTILITIES OR SERVICES. WHERE AN EXISTING UTILITY LINE OR SERVICE LINE IS CUT OR INTERRUPTED, IT SHALL BE REPAIRED TO "LIKE-NEW" CONDITION. INTERRUPTION OF UTILITIES 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).

EXACT LOCATION SHALL BE DETERMINED BY JOB CONDITIONS. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF HIS WORK WITH THAT OF OTHER TRADES AND ARRANGE PIPING TO CLEAR STRUCTURAL MEMBERS AND DUCTWORK. RISERS FOR FIXTURES, UNLESS OTHERWISE NOTED, SHALL BE CONCEALED IN WALLS OR PIPE CHASES.

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.

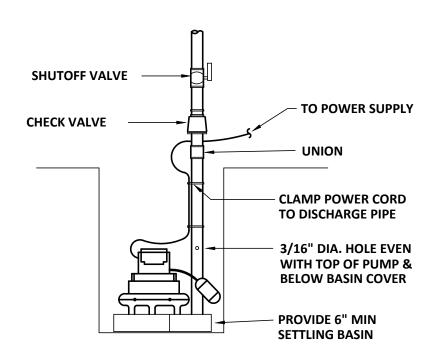
	WATER PRESSURE BOOSTER SCHEDULE							DULE
ITEM	SYSTEM TYPE	PUMP G.P.M.	PUMP HEAD. FT.	PRESSURE TANK GAL.	PUMP HP.	HEADER SIZE	DELIVERY PRESS. PSI	BASIS OF DESIGN MODEL NO.
WPB-1	DUPLEX (1)	100	140 (2)	60	3 (3)	3"	60	HYFAB MVP-630 WITH FX-60V TANK, MVP-TC-3 END CAP, MVP-FTC-3C FLEX CONNECTIONS

(1) LAG PUMP SEQUENCING SHALL BE BASED ON LOW SYSTEM PRESSURE.

(2) TOTAL DYNAMIC HEAD OF EACH PUMP BASED ON A SUCTION SUPPLY PRESSURE OF 35 PSI MIN

(3) EACH PUMP

			1					
PLUMBING LEGEND								
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION					
——ESS ——	EXIST. SOIL, WASTE, OR SANITARY SEWER	——ECW ——	EXISTING COLD WATER					
— —EV— — —	EXIST. VENT	— — EHW — —	EXISTING HOT WATER					
	WASTE OR SANITARY SEWER	— — EHWR— —	EXISTING HOT WATER RECIRCULATING					
	VENT PIPING		COLD WATER					
PDI'X' <u></u>	WATER HAMMER ARRESTOR		HOT WATER					
N/E	NEW WORK CONNECTION TO EXISTING WORK		SHUTOFF VALVE					
<u>еwн</u> +	EXISTING WALL HYDRANT	<u>co</u>	CLEANOUT					
<u>EFD</u> <b></b>	EXISTING FLOOR DRAIN	<u>ECO</u>	EXISTING CLEANOUT					
——RDL——	ROOF DRAIN LEADER	— — –EG— — –	EXISTING NATURAL GAS					
— —ERDL— —	EXISTING ROOF DRAIN LEADER	——-G——	NATURAL GAS					



NOTE: THIS DETAIL IS A SCHEMATIC ONLY. **COORDINATE INSTALLATION WITH ACTUAL** JOB CONDITIONS.

SUMP PUMP INSTALLATION DETAIL P601 SCHEMATIC ONLY

	PI	UMRIN	NG F	ΊΧΤΙ	JRF	SCH	IEDULE
SYMBOL	FIXTURE	WASTE CONN.	VENT	COLD	HOT WATER	RIM HGT.	BASIS OF DESIGN FIXTURE
WC-1	WATER CLOSET	BRANCH 4" 4"	2"	1/2"	-	17"	KOHLER K-3609 BEMIS 7300EC 000 WHITE SEAT
WC-2	WATER CLOSET (ADA)	4"	2"	1/2"	-	17"	KOHLER K-3609 BEMIS 7300EC 000 WHITE SEAT
WC-3	WATER CLOSET (ADA) (PUBLIC TOILET)	4" 4"	2"	1/2"	-	17"	KOHLER K-3609 BENEKE 527-SS WHITE SEAT
UR-1	URINAL (A.D.A. ADULT)	2"	1-1/2"	3/4"	-	17"	KOHLER K-5016-ET, SLOAN 186-0.5 FLUSH VALVE
LAV-1	LAVATORY (DECK MOUNT)	1-1/4"	1-1/2"	1/2"	1/2"	DECK	KOHLER K-2196 DELTA 520M-MPU-DST WITH POP UP D
LAV-2	LAVATORY (DECK MOUNT) (ADA)	1-1/4"	1-1/2"	1/2"	1/2"	DECK	KOHLER K-2196 DELTA 520M-MPU-DST WITH POP UP D
LAV-3	LAVATORY (WALL HUNG (ADA)	1-1/4"	1-1/2"	1/2"	1/2"	APRON BOTTOM 29"	KOHLER K-2032 DELTA 501M-DST FAUCET McGUIRE 155A GRID DRAIN
SH-1	SHOWER	2"	1-1/2"	1/2"	1/2"	2	FREEDOM APF6232BFPANC, DELTA T13220 SHOWER VALVE & HEAD DELTA R10000-UNWS VALVE BODY
SH-2	SHOWER (ADA)	2"	1-1/2"	1/2"	1/2"	3	FREEDOM APF5430BFPANLR, DELTA T13220 SHOWER VALVE DELTA R10000-UNWS VALVE BODY DELTA 52001-DS SLIDE BAR WITH HAND SHOWER
S-1	SINGLE SINK	1-1/2"	1-1/2"	1/2"	1/2"	DECK	JUST SL-1921-AGR 18 GA., DELTA 120 LF FAUCET, McGUIRE 151A DRAIN INSINKERATOR BADGER 5
S-2	SINGLE SINK (ADA)	2"	1-1/2"	1/2"	1/2"	DECK	JUST SL-ADA-1921-AGR 6"DEEP,18GA DELTA 120 LF FAUCET, McGUIRE 151A DRAIN INSINKERATOR BADGER 5
WMB	WASHING MACHINE BOX	2"	2"	1/2"	1/2"	36"	OATEY 37602

#### PLUMBING FIXTURE SCHEDULE KEYNOTES

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

2"

1-1/2" | 1-1/2" | 1/2" | 1/2"

3/4"

3/4"

1-1/4" 1-1/2" 1/2"

2 BOTTOM OF SHOWER FACE 6'-0" A.F.

SS-1

WH

SERVICE SINK

EWC-1 | ELECTRIC WATER COOLER

WCO WALL CLEANOUT

FD-1 FLOOR DRAIN

ROOF TOP HYDRANT

CLEANOUT (PLUG TYPE)

**WALL HYDRANT** 

- 3 SEE DETAIL FOR MOUNTING HEIGHT
- 4 PROVIDE DRAIN TRAP SEAL DEVICE EQUAL TO MIFAB MI-GUARD.

D	OMESTIC HOT	WATER	RETURN	PUN	MP SCHEDULE
ITEM	SERVICE	FLOW RATE (GPM)	HEAD (FT)	НР	BASIS OF DESIGN MODEL NO.
RP-1	CIRCULATING HOT WATER RETURN	25	30	1/2	B&G E-1535 1.25AAC END SUCTION PUMP

	SUMP PUMP SCHEDULE							
ITEM	SERVICE	FLOW RATE (GPM)	HEAD (FT)	HP.	BASIS OF DESIGN MODEL NO.			
SP-1	ELEVATOR SUMP PUMP	50	20	0.5	STANCOR SE-50 OIL MINDER PUMP SYSTEM WITH CONTROL PANEL, JUNCTION BOX, FLOAT SWITCHES AND OIL SENSING PROBE			



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SEALS

ADVANCE TABCO T9-1-24 S.S. SINK

& DRAIN, T&S B-2414 FAUCET

APRON ELKAY EZOOTL8WSLK

**SMITH 4292** 

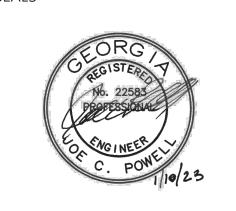
WATTS FD9

**WOODFORD 27** 

MAPA MPH-24FP

DELTA 520M-MPU-DST WITH POP UP DRAIN

**DELTA 520M-MPU-DST WITH POP UP DRAIN** 

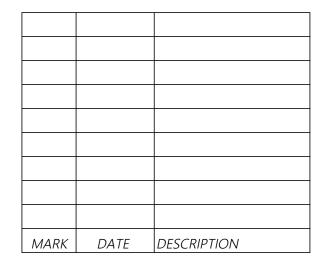




# W.C. ERVIN TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

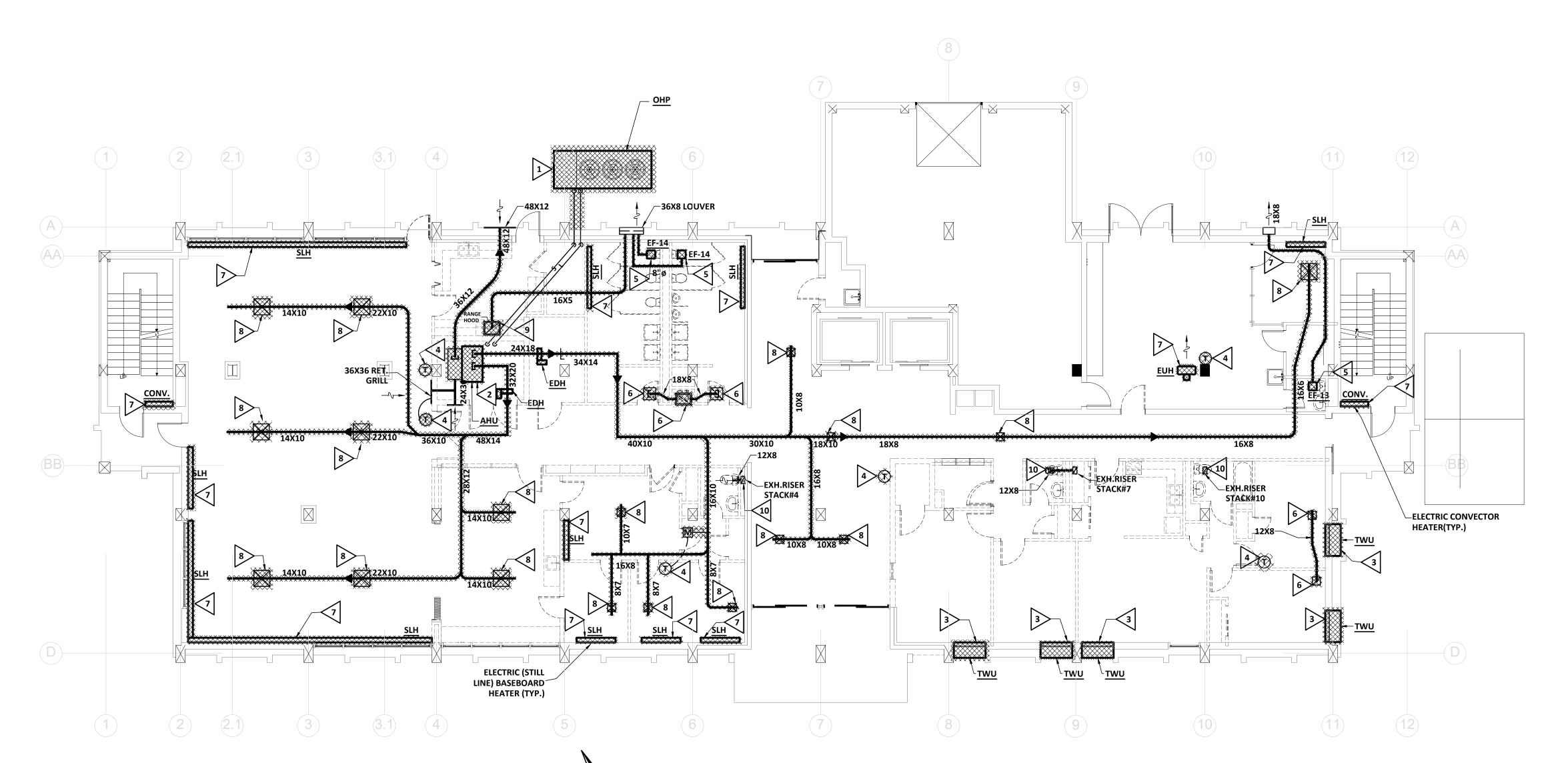
PLUMBING SCHEDULE & DETAILS



PROJECT NO: FILE: 20221006 ERVIN TOWERS DRAWN BY: RWW

CHK'D BY: JCP

PLOT DATE: 01/10/23 FILENAME: 20080P1 **PLOT SCALE:** 1 = 96 MFJ/RWW



1 HVAC DEMOLITION PLAN - FIRST FLOOR

M100 SCALE: 1/8" = 1'-0"

#### BUILDING SHALL REMAIN OCCUPIED

CONTRACTOR IS ADVISED THAT THE AUGUSTA HOUSING AUTHORITY FINDS IT NECESSARY THAT CERTAIN FLOORS SHALL REMAIN OCCUPIED THROUGHOUT THE PROJECT RENOVATION PERIOD. THE NUMBER OF OCCUPIED FLOORS SHALL BE DETERMINED BY THE NUMBER OF ALTERNATES ACCEPTED. OWNER ACKNOWLEDGES SHUTDOWNS TO WATER, SANITARY WASTE AND ELECTRICAL POWER SHALL BE NECESSARY AND FREQUENT. CONTRACTOR SHALL PROVIDE THE BUILDING MANAGER WITH UPDATES TO THE SHUTDOWN SCHEDULE ON A DAILY BASIS. IN NO CIRCUMSTANCE SHALL ANY APARTMENT BE WITHOUT WATER, SANITARY WASTE OR ELECTRICITY FOR A PERIOD LASTING MORE THAN FOUR HOURS.

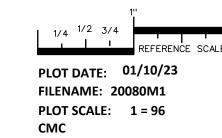
#### **GENERAL HVAC SCOPE OF WORK:**

SEE CONTRACT DOCUMENTS FOR SCOPE OF WORK PERTAINING TO BASE BID AND ALTERNATES.

SCOPE OF WORK PERTAINING TO GENERAL BUILDING HVAC SYSTEMS SUCH AS EXHAUST FANS AND DEDICATED OUTSIDE AIR UNITS (INCLUDING NEW FRESH AIR RISER AND GRILLES) SHALL BE INCLUDED IN THE BASE BID.

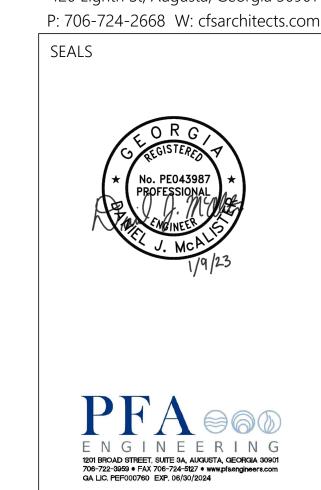
### **DEMOLITION NOTES** (THIS SHEET ONLY):

- 1 REMOVE EXISTING OUTDOOR HEAT PUMP UNIT AND ASSOCIATED PIPING, WIRING, CONTROLS, AND ACCESSORIES.
- REMOVE EXISTING INDOOR AIR HANDLING UNIT AND ASSOCIATED DUCTWORK, PIPING ,CONTROLS, ELECTRIC DUCT HEATERS, RETURN GRILLE, INSULATION, AND
- REMOVE EXISTING THROUGH-WALL HEAT PUMP UNIT AND ASSOCIATED WIRING, CONTROLS, WALL SLEEVE, AND ACCESSORIES.
- REMOVE EXISTING THERMOSTAT, WIRING, AND ACCESSORIES.
- 5 REMOVE EXISTING EXHAUST FAN, DUCTWORK, HANGERS, CONTROLS, AND ACCESSORIES.
- 6 REMOVE EXISTING TRANSFER GRILLE, DUCTWORK, AND **ACCESSORIES.**
- 7 REMOVE EXISTING ELECTRIC HEATER, AND ASSOCIATED CONTROLS, WIRING, AND ACCESSORIES.
- REMOVE EXISTING SUPPLY DIFFUSER AND ASSOCIATED DUCTWORK, INSULATION , HANGERS, AND ACCESSORIES.
- 9 REMOVE EXISTING RANGE HOOD AND ASSOCIATED EXHAUST DUCTWORK, HANGERS, AND ACCESSORIES.
- REMOVE EXISTING EXHAUST GRILLE AND EXHAUST RISER UP TO FLOOR ABOVE. SEE RISER DIAGRAM.





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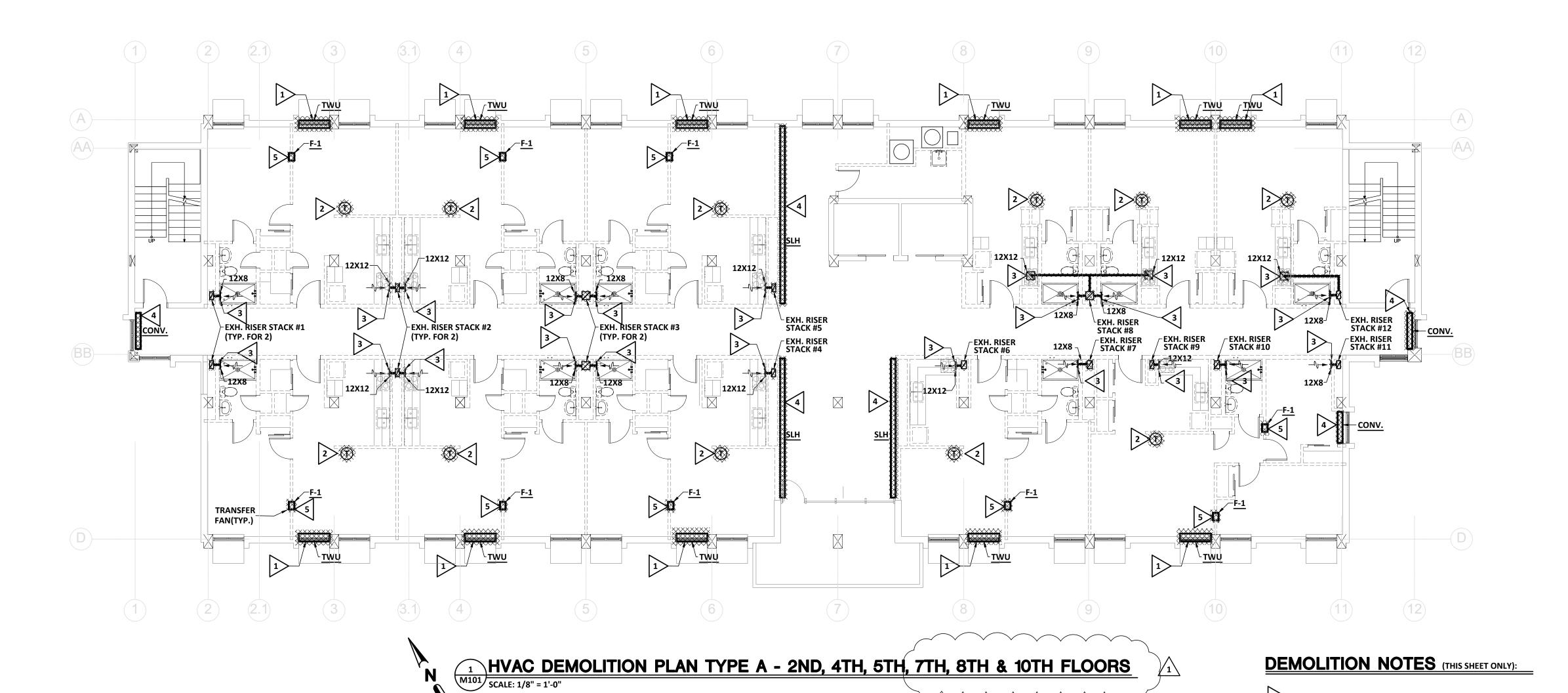
1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

**HVAC** DEMOLITION PLAN - FIRST FLOOR

MARK	DATE	DESCRIPTION

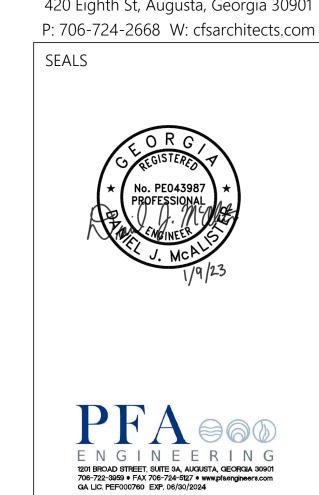
PROJECT NO: FILE: 20221006 ERVIN TOWERS

DRAWN BY: CMC CHK'D BY: DJM





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# PROJECT TITLE W.C. ERVIN TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

**HVAC** DEMOLITION PLAN TYPE A -2ND, 4TH, 5TH & 7TH FLOORS

1	1/10/2023	ADDENDUM
MARK	DATE	DESCRIPTION

PROJECT NO: FILE: 20221006 ERVIN TOWERS DRAWN BY: CMC

CHK'D BY: DJM

PLOT DATE: 01/10/23 FILENAME: 20080M1 PLOT SCALE: 1 = 96

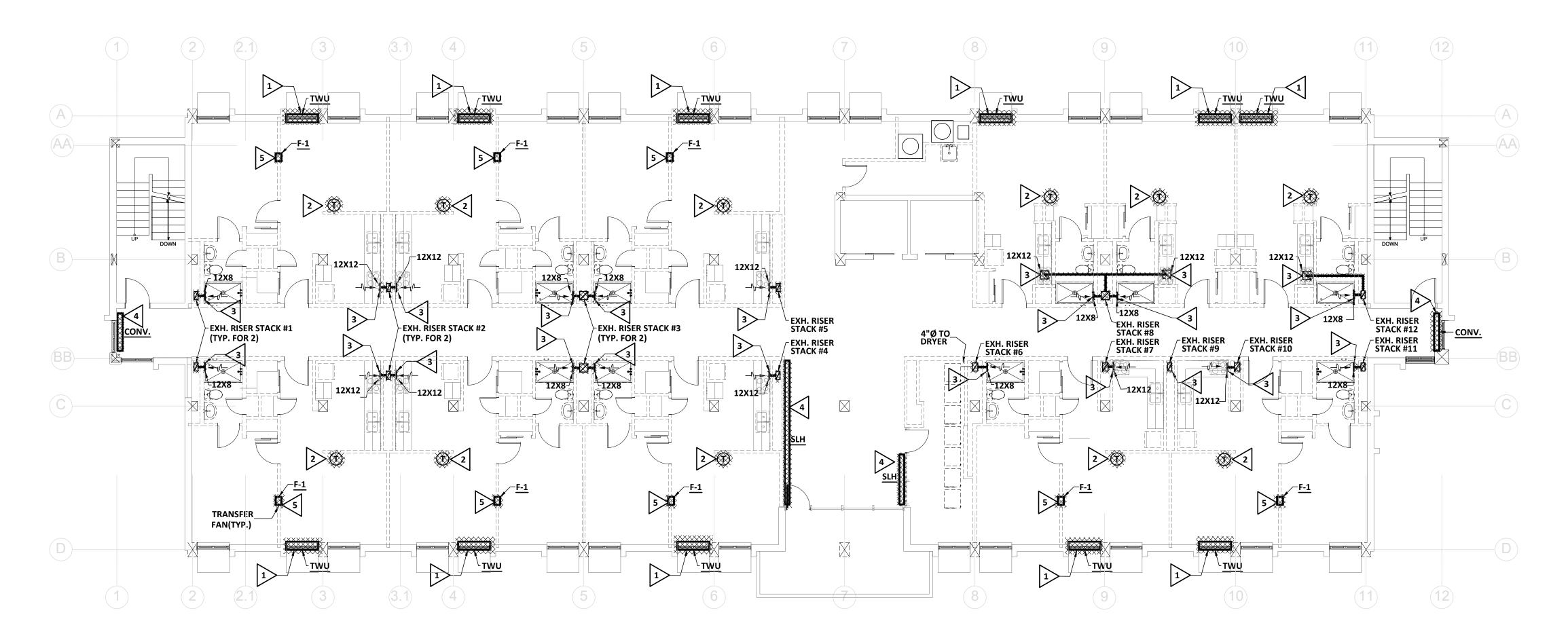
REMOVE EXISTING THROUGH-WALL HEAT PUMP UNIT AND ASSOCIATED WIRING, CONTROLS, WALL SLEEVE, AND ACCESSORIES.

REMOVE EXISTING EXHAUST GRILLE AND EXHAUST RISER UP TO FLOOR ABOVE. SEE RISER DIAGRAM.

4 REMOVE EXISTING ELECTRIC HEATER AND ASSOCIATED CONTROLS, WIRING, AND ACCESSORIES.

2 REMOVE EXISTING THERMOSTAT, WIRING, AND ACCESSORIES.

FEMOVE EXISTING TRANSFER FAN, CONTROLS, WIRING, AND ACCESSORIES.



HVAC DEMOLITION PLAN TYPE B - 3RD, 6TH & 9TH FLOORS

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



REMOVE EXISTING THROUGH-WALL HEAT PUMP UNIT AND ASSOCIATED WIRING, CONTROLS, WALL SLEEVE, AND ACCESSORIES.

2 REMOVE EXISTING THERMOSTAT, WIRING, AND ACCESSORIES.

REMOVE EXISTING EXHAUST GRILLE AND EXHAUST RISER UP TO FLOOR ABOVE. SEE RISER DIAGRAM.

4 REMOVE EXISTING ELECTRIC HEATER AND ASSOCIATED CONTROLS, WIRING, AND ACCESSORIES.

5 REMOVE EXISTING TRANSFER FAN, CONTROLS, WIRING, AND ACCESSORIES.



PERALS

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SEALS

Ro. PE043987

PROFESSIONAL

MCA

J. MCA

W.C. ERVIN TOWERS

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706-722-3959 • FAX 706-724-5127 • www.pfaengineers.com
QA LIC. PEF000760 EXP. 06/30/2024

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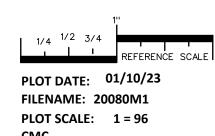
HVAC DEMOLITION PLAN TYPE B -3RD & 6TH FLOORS

1	1/10/2023	ADDENDUM
MARK	DATE	DESCRIPTION

PROJECT NO:

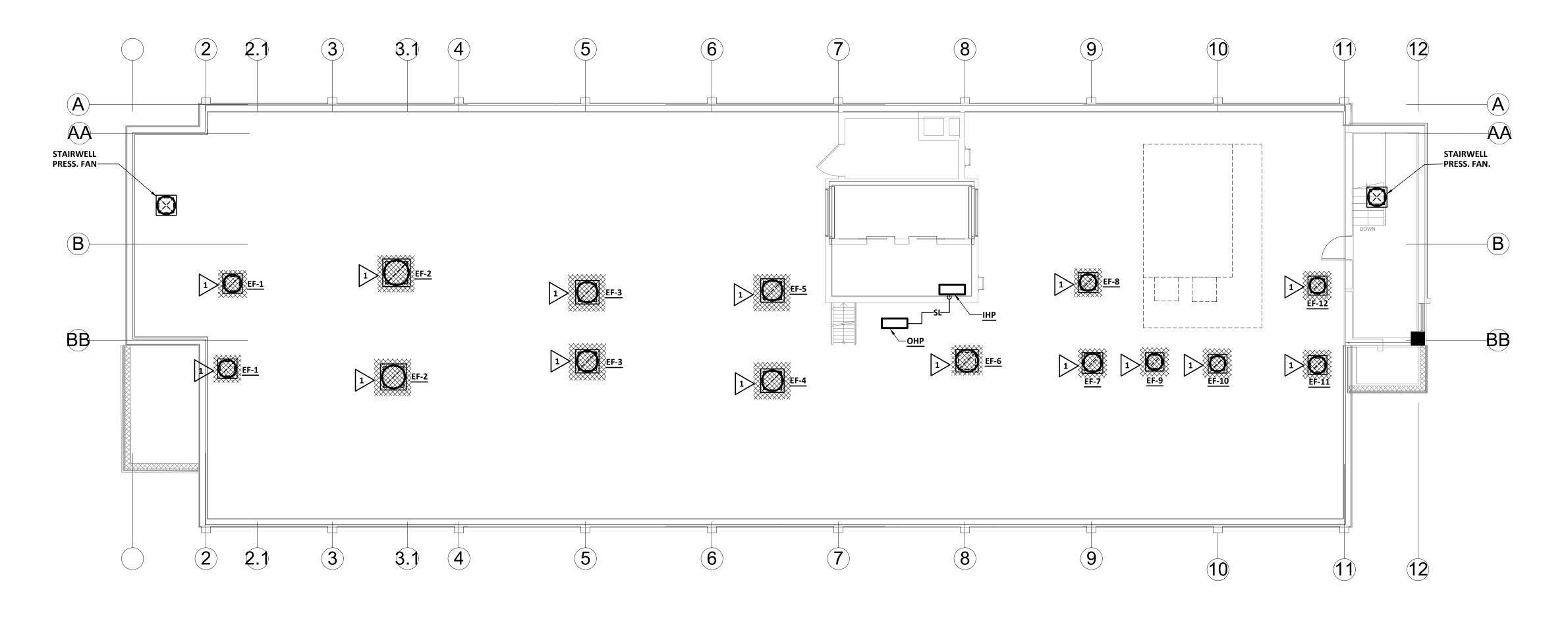
FILE: 20221006 ERVIN TOWERS

DRAWN BY: CMC



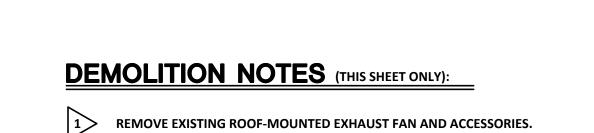
M102

CHK'D BY: DJM



N 1 HVAC DEMOLITION PLAN - ROOF

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





PFA

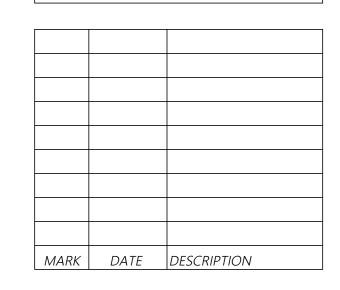
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PROJECT TITLE
W.C. ERVIN
TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

HVAC DEMOLITION PLAN - ROOF

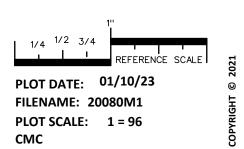


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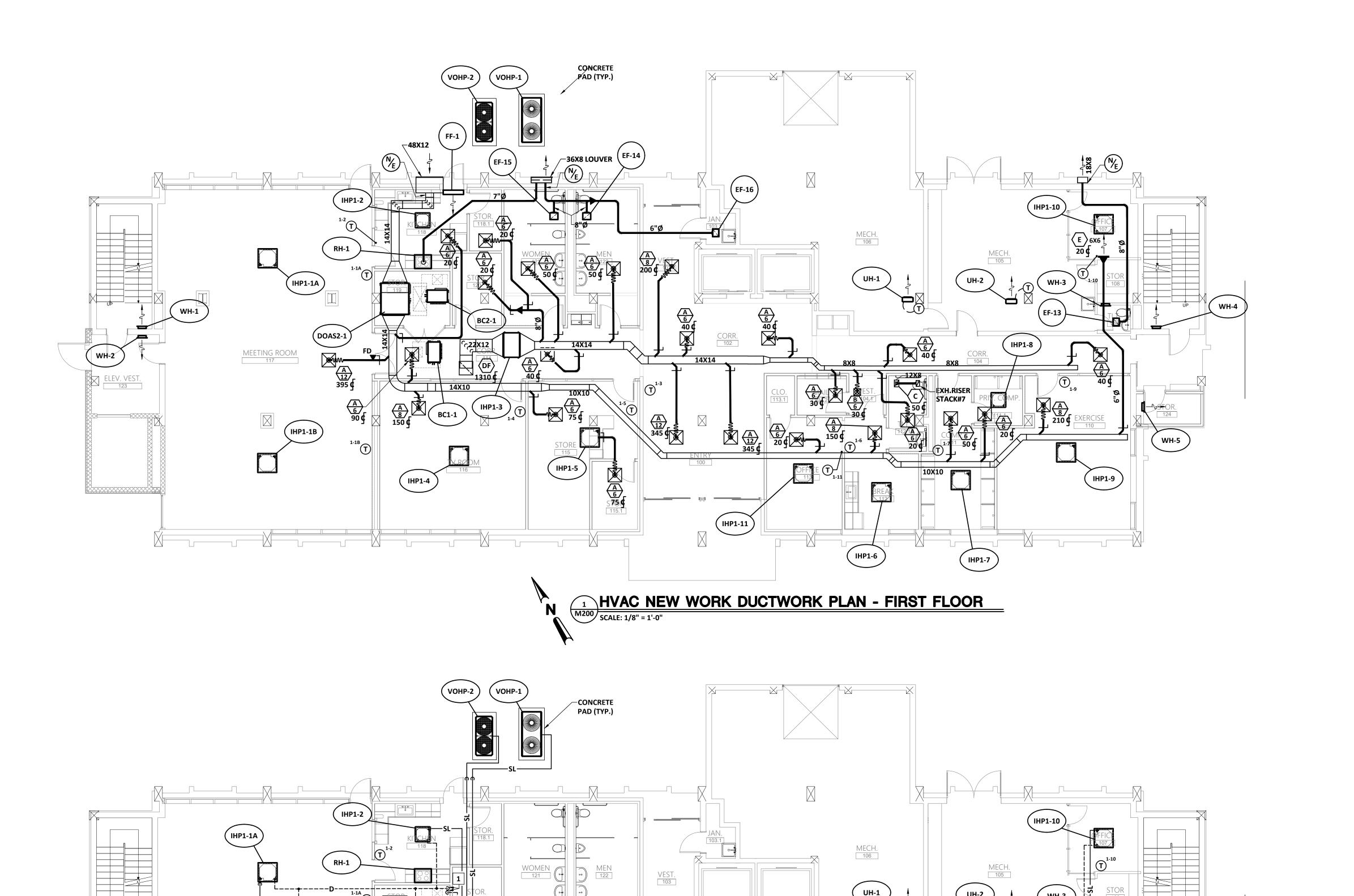
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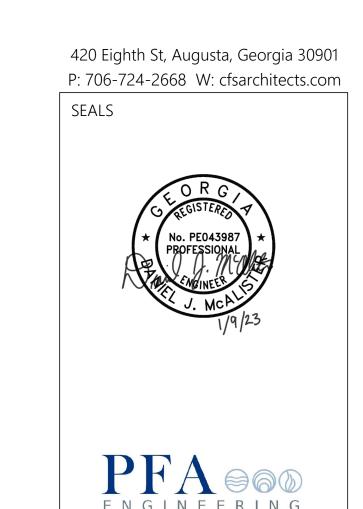


M103



(DOAS2-1)

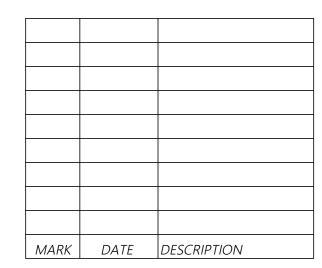




PROJECT TITLE
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TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

HVAC NEW WORK PLANS -FIRST FLOOR



PROJECT NO:

FILE: 20221006 ERVIN TOWERS

DRAWN BY: CMC

M200

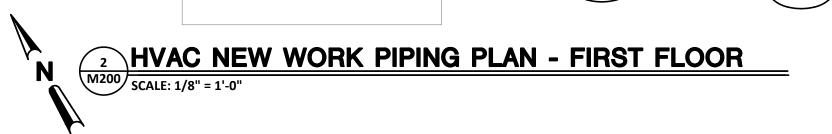
CHK'D BY: DJM

KEY NOTES (THIS SHEET ONLY):

- ROUTE CONDENSATE FULL SIZE OF UNIT CONNECTION AND CONNECT TO PLUMBING DRAIN PIPE ABOVE CEILING. SEE PLUMBING DRAWINGS.
- ROUTE CONDENSATE FULL SIZE OF UNIT CONNECTION AND DISCHARGE INTO HUB DRAW. SEE PLUMBING DRAWINGS.

PLOT DATE: 01/10/23 FILENAME: 20080M2

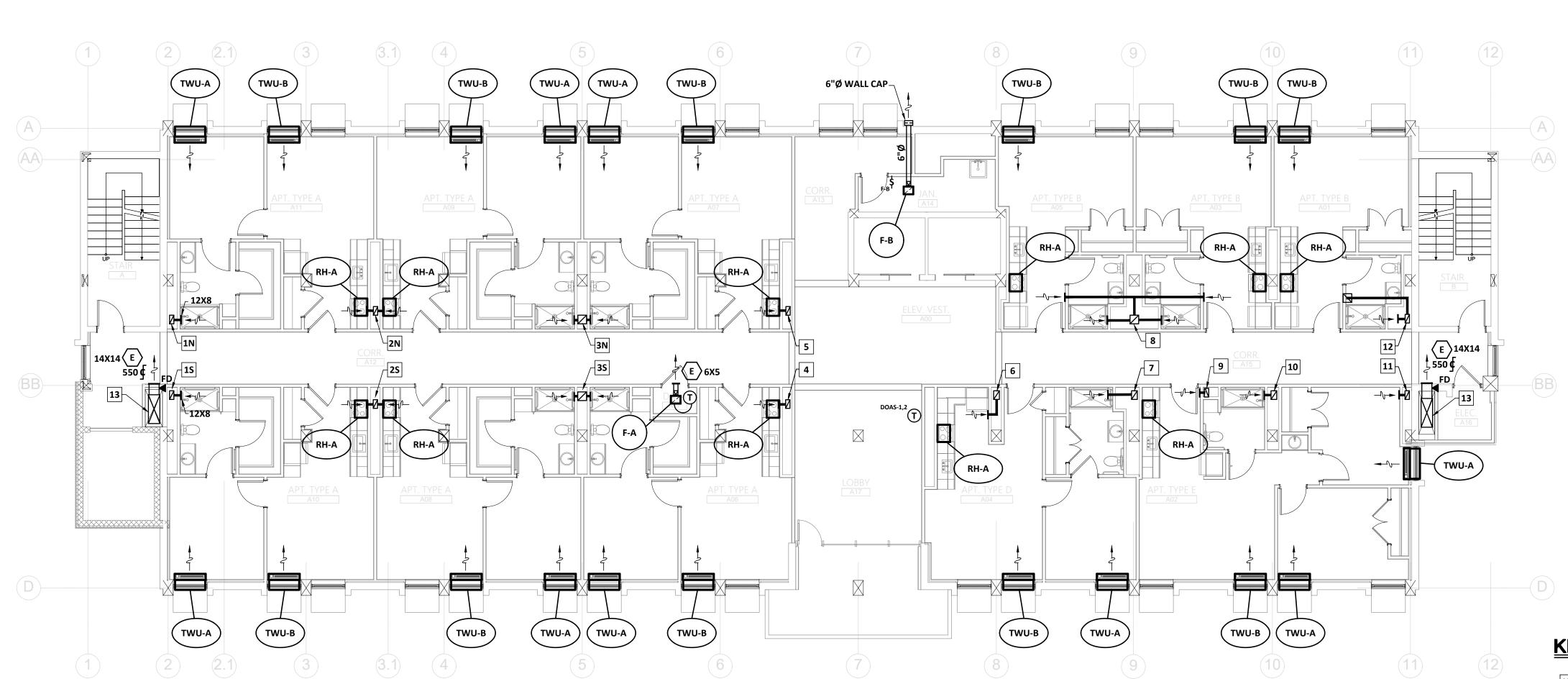
PLOT SCALE: 1 = 96 CMC



(IHP1-6

ENTRY 100 (IHP1-8

(IHP1-7







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PROJECT TITLE
W.C. ERVIN
TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

**HVAC NEW** 

4TH & 5TH

FLOORS

**WORK PLAN** 

TYPE A - 2ND,

KEY NOTES (THIS SHEET ONLY):

EXHAUST RISER UP TO <u>EF-1S</u>. SEE RISER DIAGRAM.

EXHAUST RISER UP TO <u>EF-2N</u>. SEE RISER DIAGRAM. EXHAUST RISER UP TO <u>EF-2S</u>. SEE RISER DIAGRAM.

EXHAUST RISER UP TO <u>EF-3S</u>. SEE RISER DIAGRAM.

EXHAUST RISER UP TO <u>EF-4</u>. SEE RISER DIAGRAM.

EXHAUST RISER UP TO <u>EF-9</u>. SEE RISER DIAGRAM. EXHAUST RISER UP TO <u>EF-10</u>. SEE RISER DIAGRAM.

EXHAUST RISER UP TO <u>EF-11</u>. SEE RISER DIAGRAM.

EXHAUST RISER UP TO EF-1N. SEE RISER DIAGRAM.

EXHAUST RISER UP TO <u>EF-3N</u>. SEE RISER DIAGRAM.

EXHAUST RISER UP TO <u>EF-5</u>. SEE RISER DIAGRAM.

EXHAUST RISER UP TO <u>EF-6</u>. SEE RISER DIAGRAM.

EXHAUST RISER UP TO  $\underline{\text{EF-7}}$ . SEE RISER DIAGRAM.

EXHAUST RISER UP TO <u>EF-8</u>. SEE RISER DIAGRAM.

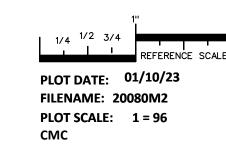
EXHAUST RISER UP TO <u>EF-12</u>. SEE RISER DIAGRAM.

MARK DATE DESCRIPTION

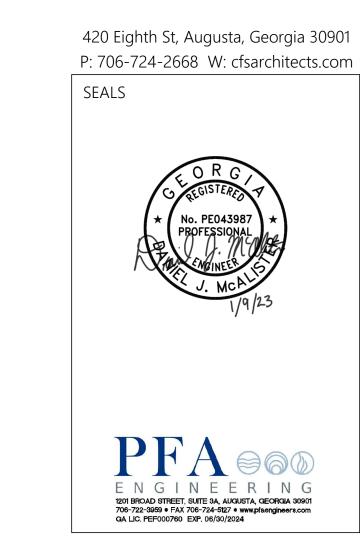
1/10/2023 ADDENDUM

PROJECT NO: FILE: 20221006 ERVIN TOWERS DRAWN BY: CMC

CHK'D BY: DJM







## W.C. ERVIN TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

## HVAC NEW WORK PLAN TYPE B - 3RD & 6TH FLOORS

EXHAUST RISER UP TO <u>EF-1S</u>. SEE RISER DIAGRAM.

EXHAUST RISER UP TO <u>EF-2N</u>. SEE RISER DIAGRAM.

EXHAUST RISER UP TO EF-2S. SEE RISER DIAGRAM.

EXHAUST RISER UP TO EF-3N. SEE RISER DIAGRAM.

EXHAUST RISER UP TO <u>EF-3S</u>. SEE RISER DIAGRAM.

EXHAUST RISER UP TO <u>EF-4</u>. SEE RISER DIAGRAM.

EXHAUST RISER UP TO <u>EF-5</u>. SEE RISER DIAGRAM.

EXHAUST RISER UP TO <u>EF-6</u>. SEE RISER DIAGRAM.

EXHAUST RISER UP TO <u>EF-7</u>. SEE RISER DIAGRAM.

EXHAUST RISER UP TO <u>EF-8</u>. SEE RISER DIAGRAM.

EXHAUST RISER UP TO <u>EF-9</u>. SEE RISER DIAGRAM.

EXHAUST RISER UP TO <u>EF-10</u>. SEE RISER DIAGRAM.

EXHAUST RISER UP TO <u>EF-11</u>. SEE RISER DIAGRAM.

EXHAUST RISER UP TO <u>EF-12</u>. SEE RISER DIAGRAM.

ROUTE CONDENSATE FULL SIZE OF UNIT CONNECTION, CONCEALED IN WALL, TO WASHER DRAIN BOX BY PLUMBING. SEE PLUMBING DRAWINGS.

PLOT DATE: 01/10/23
FILENAME: 20080M2
PLOT SCALE: 1 = 96

OUTSIDE AIR RISER. SEE RISER DIAGRAM.

<u>1</u>	1/10/2023	ADDENDUM
MARK	DATE	DESCRIPTION

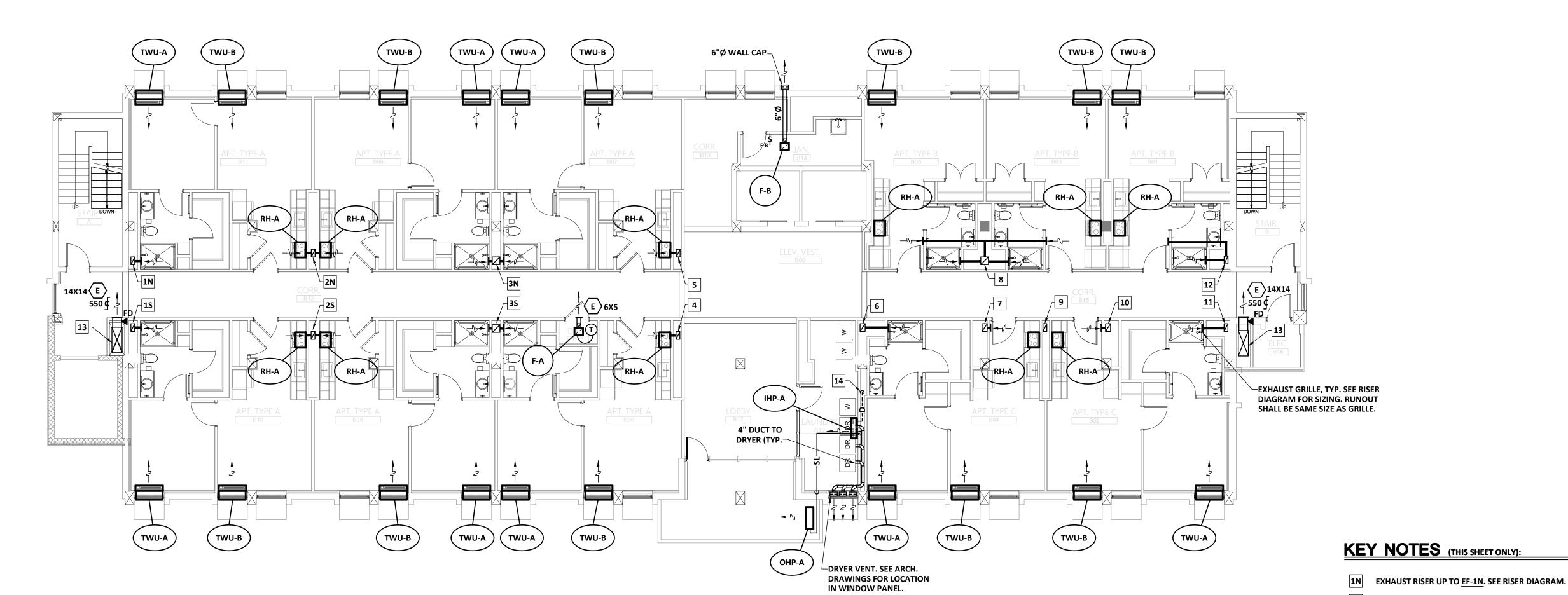
PROJECT NO:

FILE: 20221006 ERVIN TOWERS

DRAWN BY: CMC

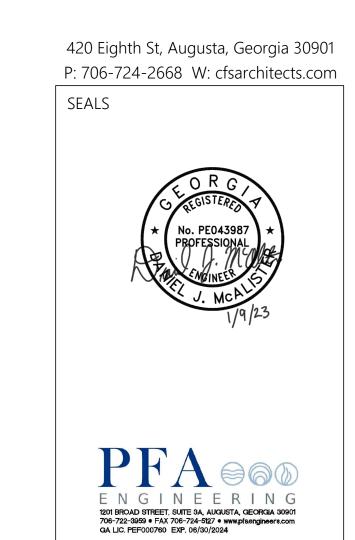
M202

CHK'D BY: DJM



N 1 HVAC NEW WORK PLAN TYPE B - 3RD, 6TH & 9TH FLOORS
SCALE: 1/8" = 1'-0"





PROJECT TITLE
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TOWERS

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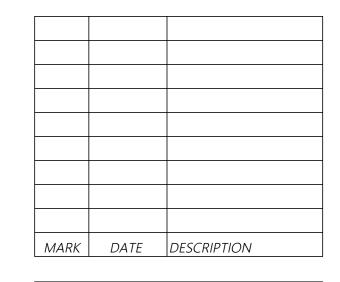
HVAC NEW WORK PLAN -ROOF

16X40 SUPPLY DOWN. SEE RISER DIAGRAM AND FLOOR PLANS.

2 ROUTE CONDENSATE FULL SIZE OF UNIT CONNECTION TO ROOF DRAIN. SEE DETAIL.

PLOT DATE: 01/10/23
FILENAME: 20080M2

PLOT SCALE: 1 = 96 CMC

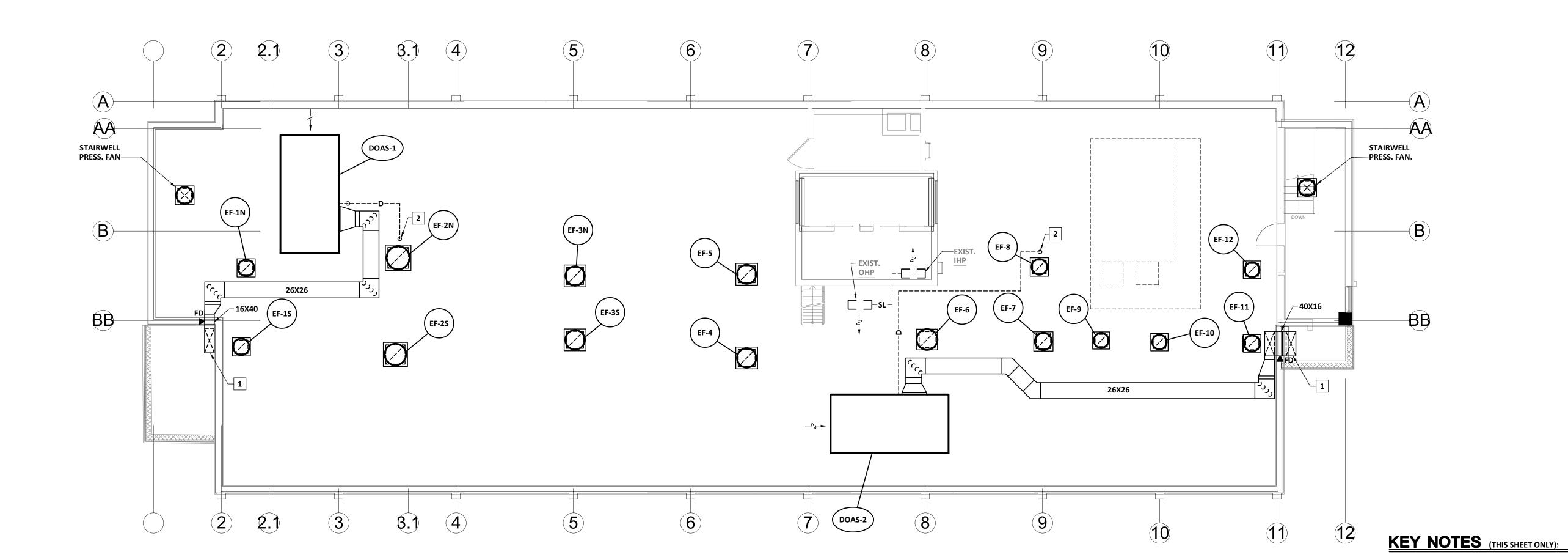


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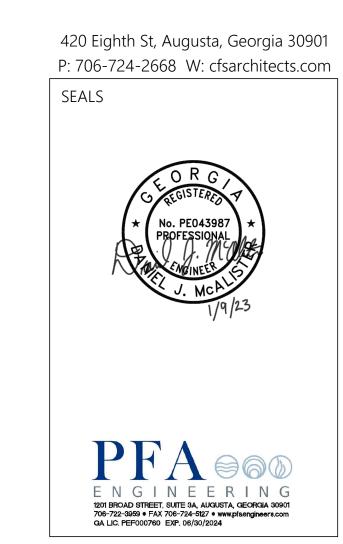
**M203** 



N 1 HVAC NEW WORK PLAN - ROOF

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





W.C. ERVIN TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

HVAC RISER DIAGRAM

<u>1</u>	1/10/2023	ADDENDUM
MARK	DATE	DESCRIPTION

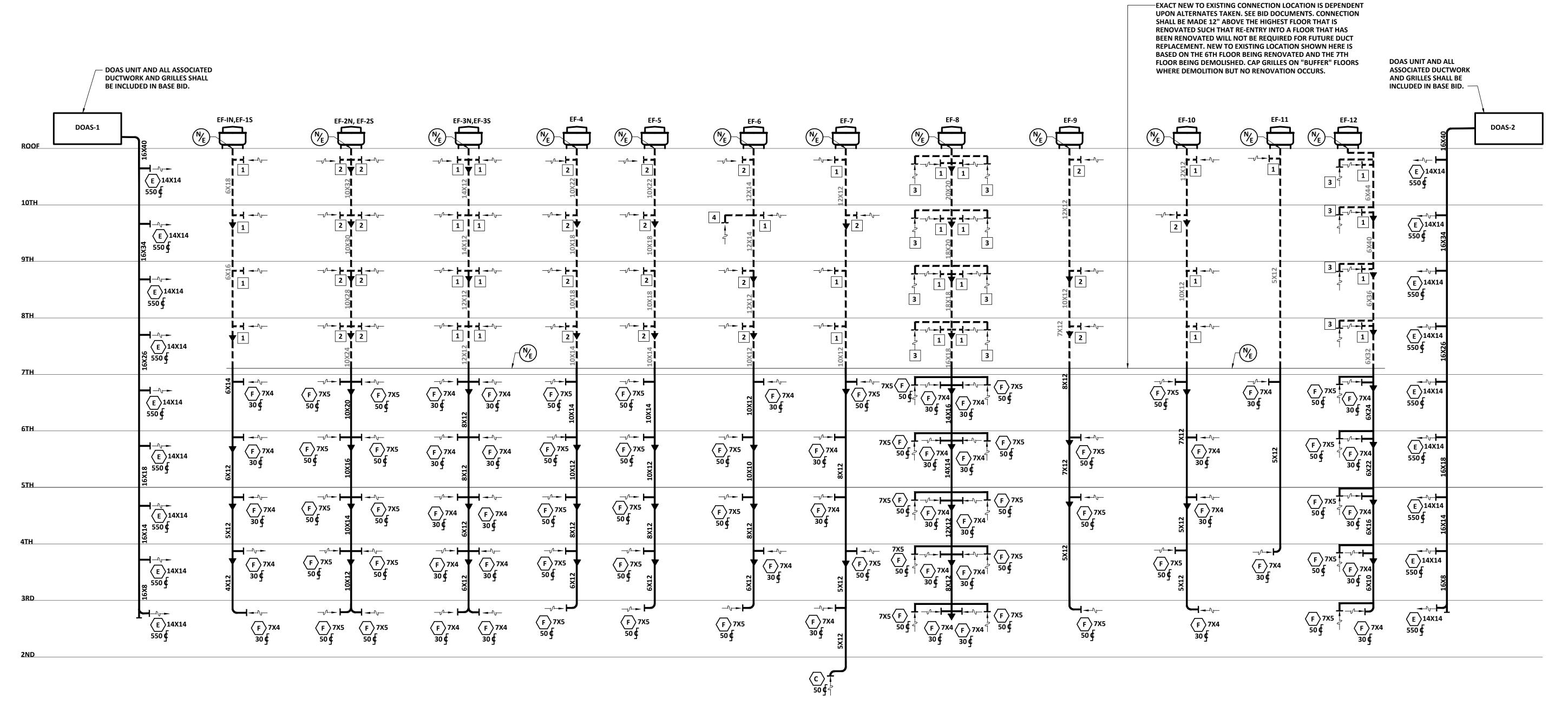
PROJECT NO:

FILE: 20221006 ERVIN TOWERS

DRAWN BY: CMC
CHK'D BY: DJM

M300

PLOT DATE: 01/10/23
FILENAME: 20080M2
PLOT SCALE: 1 = 96

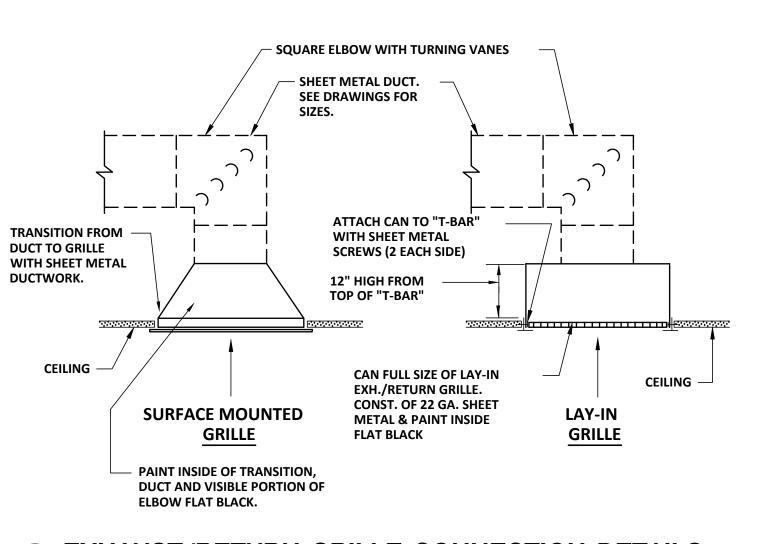


HVAC RISER DIAGRAM

NOT TO SCALE

EXISTING EXHAUST GRILLE SCHEDULE											
SYMBOL	SIZE	CFM (1)	AREA SERVED	ARRANGE- MENT							
1	12X8	30	ВАТН	WALL							
2	12X12	50	KITCHEN	WALL							
3	12X12	50	KITCHEN	CEILING							
4	MVD	100	LAUNDRY	WALL							

(1) BALANCE EXISTING GRILLE TO AIRFLOW SHOWN.



## EXHAUST/RETURN GRILLE CONNECTION DETAILS NOT TO SCALE

DRYER VENT WALL CAP DETAIL

ATTACH TO WALL WITH

**LEAD ANCHORS (TYP.)** 

24 GA. SHEET

**BACKDRAFT** 

**DAMPER** 

**METAL VENT CAP** 

M301 NOT TO SCALE

**FACTORY SUB-BASE** 

**COORDINATED WITH** 

ARCH. DETAILS AND SHAL BE FULL HEIGHT BETWEEN

FLOOR AND BOTTOM OF

**RETURN AIR PATH BELOW** 

**ELECT. RECEPTACLE REFER** 

TO ELECTRICAL DRAWINGS.

M301 NOT TO SCALE

9 THRU-WALL UNIT DETAILS

UNIT. DO NOT BLOCK

**HEIGHT SHALL BE** 

– DRYER VENT.

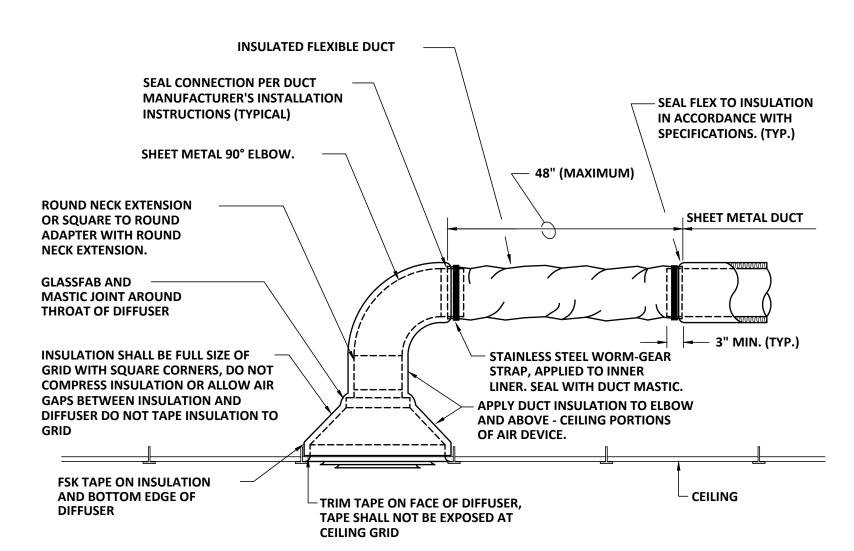
**SEE PLANS** 

FOR SIZE.

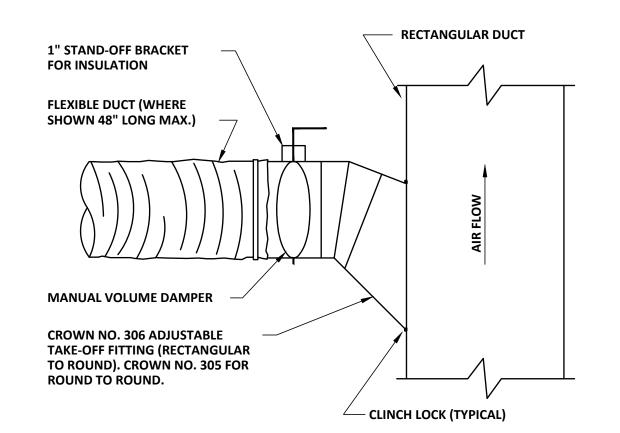
**CENTER LINE** 

SAME AS DRYER

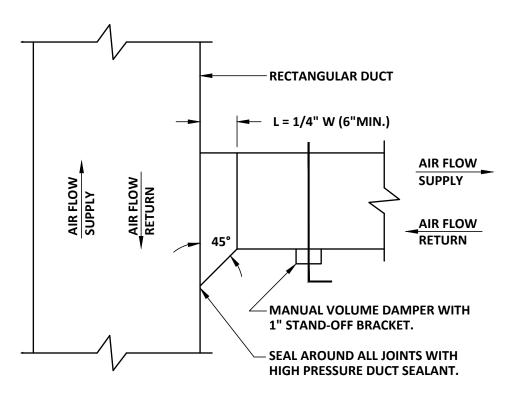
VENT CONNECTION ABOVE FLOOR.











RECTANGULAR SUPPLY AND RETURN DUCT TAKE-OFF DETAIL

NOT TO SCALE

**WELD ANGLE IRON** 

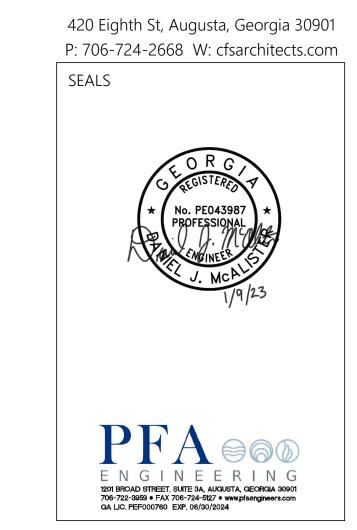
TO PIPE OR ANGLE.

**SUPPORT LEGS WELD** 

TO ANGLE TYPICAL

— BUILT UP ROOF

(TYPICAL)

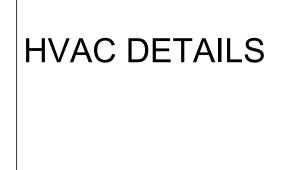


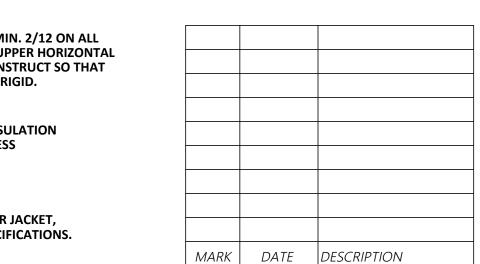
Cheatham Fletcher Scott

ARCHITECTS + DESIGNERS

## W.C. ERVIN TOWERS

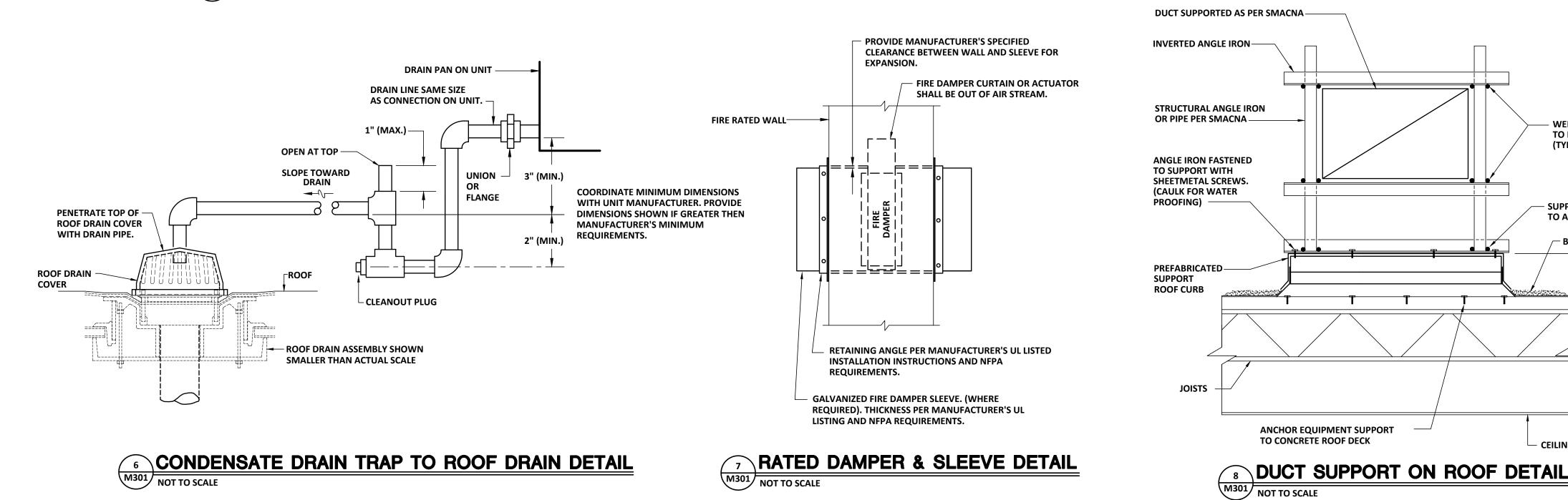
1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

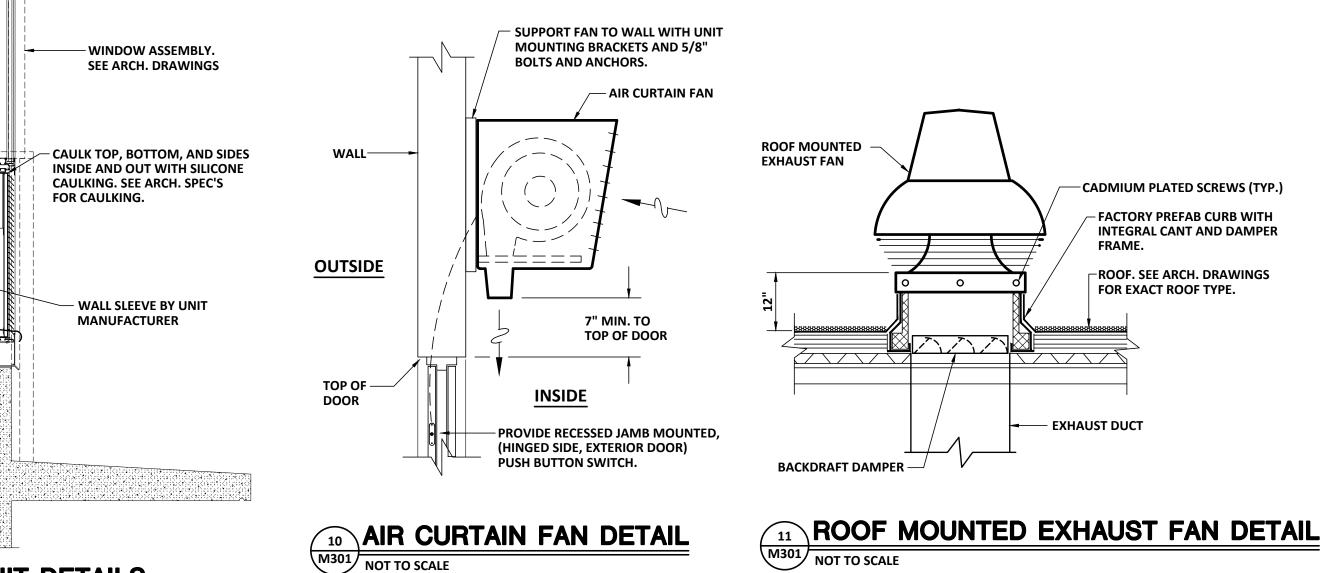


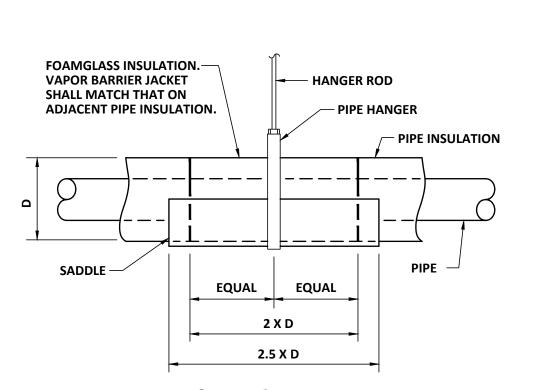


	PROJECT NO:								
1									
	FILE: 20221006 ERVIN TO	OWFRS							
	1 122. 2022 1000 21(1)	3 TT L. (0							
	DRAWN BY: CMC								
	DIVAVIADI. CIVIC								
	CHKID BAY D IM								
	CHK'D BY: DJM								

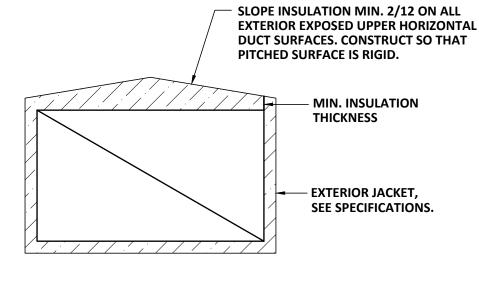
PLOT DATE: 01/10/23
FILENAME: 20080M3
PLOT SCALE: 1 = 96













RANGEHOOD SCHEDULE												
ITEM	F.A	<b>N</b>	- FILTER TYPE	BROAN MODEL NO.	REMARKS							
	WATTS	RPM	TILIER TIFE	DROAN WODEL NO.								
RH-1	240	2850	ALUMINUM MESH	413000	(1)(2)							
RH-A	240	2850	HI. EFF. CHARCOAL	412400	(1)(3)							

- (1) TYPICAL ITEM. REFER TO PLANS AND BID ALTERNATES FOR QUANTITY. LABEL IN ACCORDANCE WITH OWNER'S LABELING SCHEME.
- (2) UL-LISTED, 30" WIDE, DUCTED RESIDENTIAL RANGEHOOD. PROVIDE WITH TWO-SPEED SWITCH, 75W LIGHT BULB, AND COLOR AS SELECTED BY ARCHITECT. PROVIDE WITH ACCUREX (OR APPROVED EQUAL) FIRE PROTECTION SYSTEM FOR RESIDENTIAL RANGE IN COMMERCIAL APPLICATION. SEE SPECIFICATIONS.
- (3) UL-LISTED, 24" WIDE, RE-CIRCULATING (NON-DUCTED) RESIDENTIAL RANGEHOOD. PROVIDE WITH TWO-SPEED SWITCH, 75W LIGHT BULB, AND COLOR AS SELECTED BY ARCHITECT.

1753.4	SUPPLY	ESP	FAN	COOLING	CAP. MBH (1)	HEATING	SERVED	MITSUBISHI/TRANE	DENANDIC
ITEM	CFM	(IN. WG)	WATTS	SENSIBLE	TOTAL	CAP. MBH (1)	ВҮ	MODEL NO.	REMARKS
IHP1-1A	810		40	21.0	30.0	34.0	BC1-1	TPLFYP030	(5) (6)
IHP1-1B	810		40	21.0	30.0	34.0	BC1-1	TPLFYP030	(5) (6)
IHP1-2	330		20	8.5	12.0	13.5	BC1-1	TPLFYP012	(4) (6)
IHP1-3	1310	0.6	250	43.0	48.0	54.0	BC1-1	TPEFYP048	(2)(6)
IHP1-4	810		40	19.0	24.0	27.0	BC1-1	TPLFYP024	(5) (6)
IHP1-5	600		30	6.4	8.0	9.0	BC1-1	TPLFYP008	(5) (6)
IHP1-6	810		40	21.0	30.0	34.0	BC1-1	TPLFYP030	(5) (6)
IHP1-7	810		40	14.0	18.0	20.0	BC1-1	TPLFYP018	(5) (6)
IHP1-8	280		20	4.0	5.0	5.6	BC1-1	TPLFYP005	(4) (6)
IHP1-9	810		40	21.0	30.0	34.0	BC1-1	TPLFYP030	(5) (6)
IHP1-10	280		20	4.0	5.0	5.6	BC1-1	TPLFYP005	(4) (6)
IHP1-11	280		20	4.0	5.0	5.6	BC1-1	TPLFYP005	(4) (6)

- (1) RATINGS IN ACCORDANCE WITH APPROPRIATE A.H.R.I. STANDARD.
- (2) DUCTED (CONCEALED) INDOOR AIR HANDLING UNIT. PROVIDE WITH ELECTRICAL DISCONNECT MEANS, WASHABLE FILTER, AND WALL
- (3) DEDICATED OUTSIDE AIR, DUCTED INDOOR AIR HANDLING UNIT. PROVIDE WITH ELECTRICAL DISCONNECT MEANS, WASHABLE FILTER,
- (4) 2' X 2' NOM. 4-WAY CEILING CASSETTE INDOOR AIR HANDLING UNIT. PROVIDE WITH ELECTRICAL DISCONNECT MEANS, WASHABLE FILTER, AND WALL CONTROLLER.
- (5) 3' X 3' NOM. 4-WAY CEILING CASSETTE INDOOR AIR HANDLING UNIT. PROVIDE WITH ELECTRICAL DISCONNECT MEANS, WASHABLE FILTER, AND WALL CONTROLLER.
- (6) PROVIDE AND INSTALL WITH BIPOLAR IONIZATION UNIT. SEE SPECIFICATIONS.

	VRF OUTDOOR HEAT PUMP SCHEDULE												
ITEM	COOLING CAP. MBH (1)	IEER (1)	EER (1)	HEATING (1) CAP. MBH	COP (1)	TRANE MODEL NO.	REMARKS						
VOHP-1	168.0	21.0	10.5	188.0	3.3	TURYP168							
VOHP-2	120.0	23.0	12.0	135.0	3.6	TURYP120							

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

BRANCH CONTROLLER SCHEDULE										
ITEM	NO. OF PORT SETS	SERVED FROM	TRANE MODEL NO.	REMARKS						
BC1-1	16	VOHP-1	TCMBM1016	(1)						
BC2-1	6	VOHP-2	TCMBG0106	(1)						

(1) REFRIGERANT PIPE SIZES AND ACCESSORIES REQUIRED SHALL BE DETERMINED BY EQUIPMENT MANUFACTURER FROM FIELD OBTAINED DIMENSIONS.

		AIR D	ISTRIBUTIO	N SCHEDU	LE	
MARK	ТҮРЕ	NECK (1) CONNECTION	FINISH	OBD	PRICE NO. UNLESS NOTED	REMARKS (2)
$\left\langle \begin{array}{c} A \\ 6 \end{array} \right\rangle$	CEILING DIFFUSER	6"ø	MANUFACTURER'S STANDARD FINISH	NO	SCD-4C	24 X 24 PANEL (3)
(A)	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)
B 6	CEILING DIFFUSER	6"ø	MANUFACTURER'S STANDARD FINISH	NO	SCD	12 X 12 PANEL (3)
B 8	CEILING DIFFUSER	8"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
D	CEILING RETURN/EXHAUST	22" X 22"	MANUFACTURER'S STANDARD FINISH	NO	80	24 X 24 PANEL WITH BORDER FRAME
DF	CEILING RETURN/EXHAUST	22" X 22"	MANUFACTURER'S STANDARD FINISH	NO	80FF	24 X 24 PANEL WITH BORDER FRAME AND 2" FILTER
E	SUPPLY REGISTER	SEE PLANS	MANUFACTURER'S STANDARD FINISH	YES	520D	DOUBLE DEFLECTION 3/4" BLADE SPACING
F	RETURN GRILLE	SEE PLANS	MANUFACTURER'S STANDARD FINISH	YES	535	45° DEFLECTION 1/2" BLADE SPACING

- (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

ELECTRIC HEATER SCHEDULE										
ITEM	LOCATION	WATTS	Q-MARK MODEL NO.	REMARKS						
UH-1	МЕСН	5000	MUH SERIES	(1)						
UH-1	МЕСН	5000	MUH SERIES	(1)						
WH-1	STAIR	1800	AWH SERIES	(2)						
WH-2	VESTIBULE	1800	AWH SERIES	(2)						
WH-3	TOILET	1800	AWH SERIES	(2)						
WH-4	STAIR	1800	AWH SERIES	(2)						
WH-5	STORAGE	1800	AWH SERIES	(2)						

- (1) PROVIDE WITH WALL BRACKET AND REMOTE THERMOSTAT.
- (2) PROVIDE WITH SURFACE MOUNT OR RECESSED MOUNT FRAME AS DEPICTED ON THE DRAWINGS. PROVIDE WITH INTEGRAL THERMOSTAT.

	INDOOR HEAT PUMP SCHEDULE											
ITEM	SUPPLY CFM	SUPPLY	FAN	DRIVE	COOLING	CAP. MBH (1)	TRANE MODEL	REMARKS				
ITEM		CFM WATTS	DUIVE	SENSIBLE	TOTAL	NO.	REIVIARES					
IHP-B	500	30	DIRECT	10.9	14.0	NTXSST15	(2)					

- (1) RATINGS IN ACCORDANCE WITH APPROPRIATE A.H.R.I. STANDARD.
- (2) HIGH-WALL INDOOR AIR HANDLING UNIT. PROVIDE WITH WASHABLE FILTER AND WIRED CONTROLLER.

	OUTDOOR HEAT PUMP SCHEDULE											
ITEM	COOLING CAP.	OOLING CAP.  MBH (1)  EER	HEATING	HEATING CAP. MBH (1) COP		OP (1)	TRANE	REMARKS				
ITEIVI	MBH (1)		н	LO	ні	LO	MODEL NO.	REIVIARRS				
ОНР-А	14.0	13.0	18.0	12.2	3.3	2.6	NTXWST15					

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

	REFRIC	GERANT P	IPE SCHEDU	LE
INDOOR UNIT	OUTDOOR UNIT	SUCTION LINE OD (IN.)	LIQUID LINE OD (IN.)	REMARKS
IHP-A	ОНР-А	1/2	1/4	(1)

(1) REFRIGERANT PIPE SIZES INDICATED ARE FOR ESTIMATING PURPOSES ONLY. EXACT SIZES AND ACCESSORIES REQUIRED SHALL BE DETERMINED BY EQUIPMENT MANUFACTURER FROM FIELD-OBTAINED DIMENSIONS.

SYMBOL	DESCRIPTION
<b>▼</b> FD	FIRE DAMPER
<b>▼</b> F/SD	FIRE / SMOKE DAMPER
<b>⋖</b> SD	SMOKE DAMPER
or C.F.M.	CUBIC FEET PER MINUTE
1 M-1	— DETAIL NO. <del>1/M</del> -1 — SHEET NO. ———
$\boxtimes$	SUPPLY DIFFUSER
	RETURN OR EXHAUST GRILLE
or MVD	MANUAL VOLUME DAMPER
	MOTOR OPERATED DAMPER
	FLEXIBLE DUCT CONNECTION
	FLAT - OVAL OR ROUND ACOUSTIC DUCT
	LINED DUCT (SIZE SHOWN IS METAL SIZE)
	FABRIC DUCT
——————————————————————————————————————	REFRIGERANT SUCTION / LIQUID
——н с	REFRIGERANT HOT GAS
D	CONDENSATE DRAIN
T	THERMOSTAT 4'-6" A.F.
\$	WALL SWITCH
C.P.	CONTROL PANEL
	SQUARE ELL WITH SINGLE THICK TURNING VANES
(A)	— AIR DEVICE — NECK CONNECTION SIZE
A.F.F.	ABOVE FINISHED FLOOR
S.S.	STAINLESS STEEL
EXH.	EXHAUST
Ø	DIAMETER
F/O	FLAT - OVAL
TYP.	TYPICAL
D.D.C.	DIRECT DIGITAL CONTROLLER
	RATED PARTITION, SEE ARCH.

## **HVAC NOTES:**

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

COORDINATE THE INSTALLATION OF THIS WORK WITH THAT OF OTHER TRADES TO PROVIDE THE BEST ARRANGEMENT OF PIPING, DUCTWORK, AND EQUIPMENT. REFER TO PLUMBING AND ELECTRICAL DRAWINGS.

PIPING, DUCTWORK, AND EQUIPMENT IS SHOWN IN ITS GENERAL LOCATION, UNLESS DIMENSIONED. EXACT LOCATION SHALL BE DETERMINED BY THE LOCATION OF OTHER **EQUIPMENT, AND TO PROVIDE SERVICE CLEARANCE.** 

ARRANGE PIPING AND DUCTWORK TO CLEAR STRUCTURAL MEMBERS, PLUMBING, PIPING AND LIGHT FIXTURES.

EXACT LOCATION OF GRILLES AND CEILING OUTLETS SHALL BE DETERMINED ON THE JOB. COORDINATE WITH LIGHTS AND ARCHITECTURAL REQUIREMENTS TO PROVIDE A UNIFORM AND SYMMETRICAL APPEARANCE. REFER TO ARCHITECTURAL AND ELECTRICAL DRAWINGS AND DETAILS.

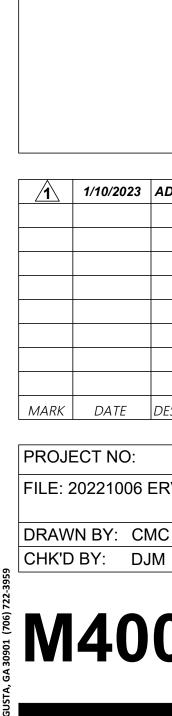
ALL PIPING SHALL BE CONCEALED, UNLESS NOTED OTHERWISE.

PROVIDE FLEXIBLE DUCT CONNECTIONS TO ALL AIR HANDLING EQUIPMENT.

PROVIDE ACCESS DOORS IN DUCTWORK FOR ALL FIRE AND SMOKE DAMPERS, AND **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.

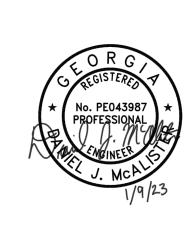


PLOT DATE: 01/10/23 FILENAME: 20080M3 PLOT SCALE: 1 = 96



420 Eighth St, Augusta, Georgia 30901 P: 706-724-2668 W: cfsarchitects.com

SEALS





## PROJECT TITLE W.C. ERVIN **TOWERS**

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

SCHEDULES

1	1/10/2023	ADDENDUM
MARK	DATE	DESCRIPTION

PROJECT NO: FILE: 20221006 ERVIN TOWERS DRAWN BY: CMC

		TH	RU WA	LL H	EAT PU	MP S	CHED	ULE	
ITEM	SIZE	CFM	COOLING CAP. MBH	EER	HEATING CAP. MBH	СОР	ELEC. HEAT (KW)	AMANA MODEL NO.	REMARKS
TWU-A	07	340	7.0	12.0	6.8	3.4	1.3	PTH07_G	(1)(2)(3)
TWU-B	09	330	9.0	12.0	8.1	3.4	1.3	PTH09_G	(1)(2)(3)

- (1) PROVIDE WITH ELECTRICAL SUB-BASE, WALL SLEEVE, AND EXTRUDED ALUMINUM OUTDOOR GRILLE. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- (2) PROVIDE AND INSTALL WITH BIPOLAR IONIZATION UNIT. SEE SPECIFICATIONS.
- (3) TYPICAL ITEM. REFER TO PLANS AND BID ALTERNATES FOR QUANTITY. LABEL IN ACCORDANCE WITH OWNER'S LABELING SCHEME.

FMS			O	UT	PUT	S					IN	PUT	s								S	OFT	WAI	RE						
INPUT/OUTPUT		BIN	ARY	,	-	NA	LOG		BIN	NAR	Y		Δ	NA	LOG	ć	, 	ALA	RM		DD	C		EN	ERG	SY N	1GN	1T.		
SUMMARY																														
		BLE			ADJUST	1		RE SWITCH	<u></u>	ACT	CT	ISING RELAY	щ	MIDITY		Л)	RLOCK		TALIZATION		GRAL		ILE S/S	ART/STOP	SETBACK	IT/CYCLE	IZATION		ONIZATION	
MISCELLANEOUS	START/STOP	ENABLE/DISABLE	OPEN/CLOSE		SETPOINT AD.	DDC CONTROL		DIFF. PRESSURE	AUX. CONTACT	ALARM CONTACT	PULSE CONTACT	CURRENT SENSING	TEMPERATURE	RELATIVE HUMIDITY	PRESSURE	VOLUME (CFM)	STATUS/INTERLOCK	ні/го гіміт	RUN TIME TOTALIZATION	PROPORTIONAL	PROP. + INTEGRAL		TIME SCHEDULE	<b>OPTIMUM START/STOP</b>	DAY/NIGHT S	DEMAND LIMIT/CYCLE	RESET OPTIMIZ	ECONOMIZER	FAN SYNCHRONIZATION	NOTES
TYPICAL EXHAUST FAN	X								1			X											X							
TYPICAL VRF SYSTEM																														(1)

(1) PROVIDE WITH BACNET INTERFACE. INTEGRATE TYPICAL UNIT OPERATING STATUS, ALARM STATUS, TEMPERATURE SETPOINTS, AND ROOM TEMPERATURE AND HUMIDITY. ADDITIONALLY, PROVIDE A LINK TO THE VRF SYSTEM WEB INTERFACE.

FMS				R	EAD	)								R	ΈΑΙ	D/W	/RIT	ΓE							FI	MS SC	<b>DFTW</b>	/AR	·Ε					
INPUT/OUTPUT SUMMARY		DI	IGIT	AL			A	NAI	LOG	i			DIC	SITA	AL		-	ANA	LOG	ì		ALA	ARM		D	DDC		EN	IERG	SY N	MGN	ит.		
TYPICAL DOAS (1)	START/STOP	ENABLE/DISABLE	OPEN/CLOSE	DIFF. PRESSURE SWITCH	CURRENT SENSING RELAY	ALARM STATUS	IEMPERALORE	% COMMAND	VOLUME (CFM)	SPEED	RELATIVE HUMIDITY	DIFF. PRESSURE SWITCH	STATUS	ALARM CONTACT	PULSE CONTACT	<b>CURRENT SENSING RELAY</b>	TEMPERATURE	RELATIVE HUMIDITY	PRESSURE	VOLUME (CFM)	STATUS/INTERLOCK	HI/LO LIMIT	RUN TIME TOTALIZATION	ININOITHOODOG	PROPORTIONAL	PROP. + INTEGRAL	TIME SCHEDULE S/S	OPTIMUM START/STOP	DAY/NIGHT SETBACK	DEMAND LIMIT/CYCLE	RESET OPTIMIZATION	ECONOMIZER	FAN SYNCHRONIZATION	NOTES
COLD COIL SETPOINT TEMPERATURE																	X														X			
UNOCCUPIED TEMP SETPOINT																	X												X					
UNOCCUPIED HUMIDITY SETPOINT																	$\overline{}$	X											X					
OA TEMPERATURE							<b>(</b>																											
OA HUMIDITY							Ī				X																							
SUPPLY TEMPERATURE SETPOINT																	X														X			
OCCUPANCY INPUT													X				-										X							
SHUTDOWN ALARM													X								X						1							
OA INTAKE DAMPER			X																								X							
SUPPLY FAN	X				X				X	X																								
OA FILTER STATUS				X																														
CONDENSER STAGE (%)								X																										
SUPPLY TEMP. AFTER EVAP. COIL						)	<																											
ELECTRIC HEAT	X						<																											
SUPPLY TEMP. AFTER HEATER							<																											
HGRH REVERSING VALVE							$\overline{}$	X																										
DRAIN PAN ALARM						X																												

(1) SCHEDULED POINTS ARE FOR INTEGRATION VIA BACNET INTERFACE. FMS SHALL ONLY CONTROL WRITEABLE POINTS INDICATED AND PROVIDE ADDITIONAL SOFTWARE AS REQUIRED PER SEQUENCE OF OPERATION (OCCUPANCY SCHEDULE, RESET OPTIMIZATION, ETC.). SENSORS SHALL BE PROVIDED AND COORDINATED WITH THE MANUFACTURER PRIOR TO ORDERING EQUIPMENT. NO ADDITIONAL SENSORS ARE SPECIFIED OR REQUIRED BY THE FMS CONTRACTOR. INCORPORATE ALL POINTS ONTO GRAPHICS PAGE.

	DEDICATED OUTDOOR AIR UNIT SCHEDULE														
		SUPPLY		COOLING	HOT GAS		N.A	ATURAL GAS HEA	т	GREENHECK					
ITEM	CFM	ESP (IN. WG)	FAN HP	COIL LAT (°F) DB/WB	REHEAT CAP. (MBH)	ISMRE	OUTPUT MBH	TURNDOWN RATIO	EFF. (%)	MODEL NO.	REMARKS				
DOAS-1	4950	0.75	2 @ 2	50.2/49.8	170.0	4.3	480	16:1	80.0	RV-75-40I-O-F1	(1)(2)				
DOAS-2	4950	0.75	2 @ 2	50.2/49.8	170.0	4.3	480	16:1	80.0	RV-75-40I-O-F1	(1)(2)				

(1) PACKAGED DEDICATED OUTDOOR AIR UNIT COMPLETE WITH DIRECT DRIVE PLENUM SUPPLY FAN WITH FACTORY-MOUNTED VARIABLE FREQUENCY DRIVE, INDIRECT GAS HEAT EXCHANGER, INVERTER SCROLL COMPRESSOR(S), MODULATING HOT GAS REHEAT, E.C. LEAD CONDENSER FAN, AND 2" PLEATED MERV 8 FILTERS.

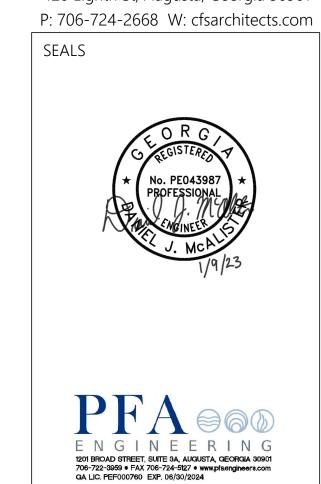
SUMMER WINTER DB / WB (°F) DB (°F) 22.0 (2) OUTDOOR AIR ENTERING UNIT 97.1/79.4

			F	AN S	CHEDU	ILE			
ITEM	LOCATION	CFM	ESP (IN. WG)	НР	RPM	MAX. RPM	MAX. SONES	GREENHECK MODEL NO.	REMARKS
EF-1N	ROOF	270	0.35	1/10	1550	1725	7.5	G-120-VG	(1)(6)
EF-1S	ROOF	270	0.35	1/10	1550	1725	7.5	G-120-VG	(1)(6)
EF-2N	ROOF	900	0.35	1/4	1110	1200	7.5	G-120-VG	(1)(6)
EF-2S	ROOF	900	0.35	1/4	1110	1200	7.5	G-120-VG	(1)(6)
EF-3N	ROOF	540	0.35	1/10	1680	1725	8.5	G-090-VG	(1)(6)
EF-3S	ROOF	540	0.35	1/10	1680	1725	8.5	G-090-VG	(1)(6)
EF-4	ROOF	450	0.35	1/10	1535	1725	7.5	G-090-VG	(1)(6)
EF-5	ROOF	450	0.35	1/10	1535	1725	7.5	G-090-VG	(1)(6)
EF-6	ROOF	590	0.35	1/4	1140	1725	5.0	G-100-VG	(1)(6)
EF-7	ROOF	380	0.35	1/10	1450	1725	7.0	G-090-VG	(1)(6)
EF-8	ROOF	1440	0.35	1/2	1020	1200	8.0	G-140-VG	(1)(6)
EF-9	ROOF	300	0.35	1/10	1620	1725	8.0	G-080-VG	(1)(6)
EF-10	ROOF	330	0.35	1/10	1375	1725	6.5	G-090-VG	(1)(6)
EF-11	ROOF	90	0.35	1/4	960	1725	3.5	G-097-VG	(1)(6)
EF-12	ROOF	270	0.35	1/10	1550	1725	7.5	G-097-VG	(1)(6)
EF-13	TOILET	50	0.25	15 W	815	900	1.5	SP-B80	(2)(3)
EF-14	TOILET	140	0.25	25 W	690	900	2.0	SP-A200	(2)(3)
EF-15	TOILET	140	0.25	25 W	690	900	2.0	SP-A200	(2)(3)
EF-16	JANITOR	50	0.25	15 W	815	900	1.5	SP-B80	(2)(4)
FF-1	KITCHEN	1375		1/2				MARS STD236	(7)
F-A	DATA	50	0.25	15 W	815	900	1.5	SP-B80	(2)(5)(8)
F-B	JANITOR	75	0.25	15 W	875	900	1.0	SP-A90	(2)(5)(8)

- (1) COMPLETE WITH BACKDRAFT DAMPER, ROOF CURB ADAPTER, BIRDSCREEN, (SPEED CONTROLLER), AND DISCONNECT MEANS.
- (2) COMPLETE WITH BACKDRAFT DAMPER, HANGING BRACKETS, METAL CEILING GRILLE, (SPEED CONTROLLER), AND DISCONNECT MEANS.
- (3) SWITCH WITH ROOM LIGHTS. FURNISH CONTACTORS AS REQUIRED.
- (4) CONTROL WITH WALL SWITCH.
- (5) CONTROL WITH THERMOSTAT SET AT 75° (ADJ.).
- (6) CONTROL WITH FACILITY MANAGEMENT SYSTEM.
- (7) CONNECT TO JAMB MOUNTED DOOR SWITCH. LOCATE SWITCH ON HINGE SIDE OF EXTERIOR DOOR.
- (8) TYPICAL ITEM. REFER TO PLANS AND BID ALTERNATES FOR QUANTITY. LABEL IN ACCORDANCE WITH OWNER'S LABELING SCHEME.



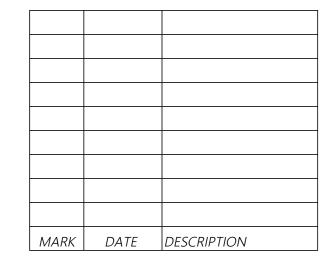
420 Eighth St, Augusta, Georgia 30901



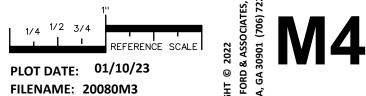
W.C. ERVIN TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

HVAC SCHEDULES

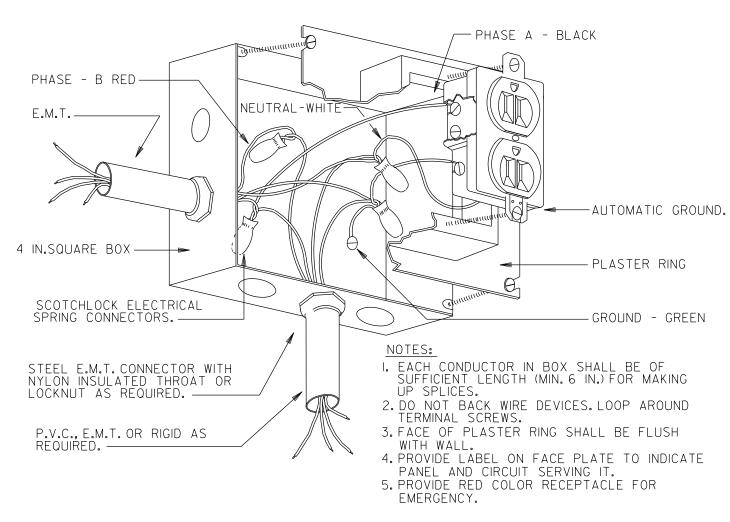


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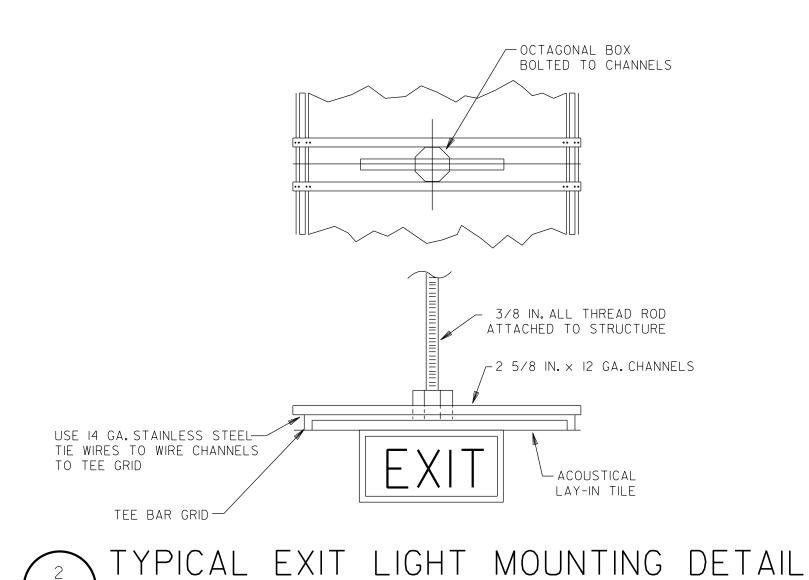


PLOT SCALE: 1 = 96

CHK'D BY: DJM







## EIOI NOT TO SCALE

## GENERAL NOTES:

- A. ALL FLUSH RECESSED OUTLET BOXES SHALL BE INSTALLED SUCH THAT FRONT EDGE OF THE BOX WILL NOT BE SET BACK OF THE FINISHED SURFACE MORE THAN 1/4 IN. IN ORDER TO COMPLY WITH N.E.C. 314-20. SUPPORT OF OUTLET BOX BY RECEPTACLE AND COVERPLATE IS NOT ACCEPTABLE. CAREFULLY COORDINATE ROUGH-IN WITH BLOCK MASONS AND GROUT-IN CELL CONTAINING OUTLET BOX.
- B. ALL CABLE TV, VOICE, AND DATA SYSTEM CABLING, DEVICES AND TERMINATIONS AT OUTLETS AND BACKBOARD OR CABINET INCLUDED IN CONTRACT. ELECTRONICS BY OTHERS.
- C. DO NOT SCALE DRAWINGS TO LOCATE EQUIPMENT OR OUTLETS.
  MOUNTING HEIGHTS AS INDICATED ON THE DRAWINGS SHALL BE
  FROM THE FINISHED FLOOR TO THE CENTER LINE OF THE OUTLET
  BOX.
- D. 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.

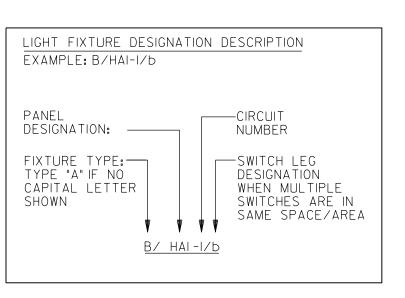
## BUILDING TO REMAIN OCCUPIED.

CONTRACTOR IS ADVISED THAT THE AUGUSTA HOUSING AUTHORITY FINDS IT NECESSARY THAT CERTAIN FLOORS SHALL REMAIN OCCUPIED THROUGHOUT THE PROJECT RENOVATION PERIOD. THE NUMBER OF OCCUPIED FLOORS SHALL BE DETERMINED BY THE NUMBER OF ALTERNATES ACCEPTED. OWNER ACKNOWLEDGES SHUTDOWNS TO WATER, SANITARY WASTE, AND ELECTRICAL POWER SHALL BE NECESSARY AND FREQUENT. CONTRACTOR SHALL PROVIDE THE BUILDING MANAGER WITH UPDATES TO THE SHUTDOWN SCHEDULE ON A DAILY BASIS. IN NO CIRCUMSTANCE SHALL ANY APARTMENT BE WITHOUT WATER, SANITARY WASTE, OR ELECTRICITY FOR A PERIOD LASTING MORE THAN FOUR HOURS.

SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ALL PHASING OF WORK AND ALTERNATES. NEW ELECTRICAL ROOM RISER AND DISTRIBUTION GEAR IN BASE BID. SEE E501AND E502.

/PE UA	DESCRIPTION  4 FT. FLUSH MOUNTED LINEAR FIXTURE, ACRYLIC MATTE WHITE SHADE. DAMP LOCATION	MANUFACTURER LITHONIA "LED SATURN
	LISTED.	LINEAR" SER.
	LAMPS: LED, 2800 LUMENS, 36 WATTS, 4000 DEGREE K DRIVER: UNV. VOLT	
UB	COMMERCIAL DOWNLIGHT, RECESSED SELF FLANGED, 6 IN. APERTURE CLEAR SPECULAR LOW IRIDESCENT REFLECTOR; ACCESS FROM BELOW OR ABOVE CEILING; STANDARD 0-10 DIMMING.	LITHONIA "LDN6" SER. PRESCOLITE "LF6LED" SER., PORTFOLIO "LD6
	LAMPS: LED, 1500 LUMENS, 18 WATTS, 3000 DEGREE K DRIVER: UNV. VOLT	SER., CREE "SDL6" SER ELITE HH6
UC	13" LED FLUSH MOUNTED SQUARE, MILK-WHITE ACRYLIC DIFFUSER, BRUSHED NICKEL FINISH.	LITHONIA "LED SATURN SER.
	LAMPS: LED, 1232 LUMENS, 17 WATTS, 3000 DEGREE K DRIVER: UNV. VOLT	
UD	2 FT. CYLINDER LINEAR VANITY FIXTURE; SWITCHABLE WHITE COLOR TEMPERATURE; ACRYLIC DIFFUSER PROVIDING SOFT GLOW ILLUMINATION	ACUITY "FMVCCLS" SE OXYGEN ADELPHI SER
	LAMPS: LED, 1700 LUMENS, 18 WATTS, 3000 DEGREE K DRIVER: UNV. VOLT	
UF	54" LOW PROFILE CEILING FAN W/ LIGHT KIT. FRESH WHITE FINISH. MODEL #: 59371.	HUNTER "ADVOCATE"
	LAMPS: LED, 1700 LUMENS, 34 WATTS, 3000 DEGREE K DRIVER: 120V	
Α	LED DECORATIVE FLUSH MOUNTED FIXTURE, OPAL/BRASS FINISH. ITEM #: 700FMVGOOR-LED930.	TECH LIGHTING "VIAGG FLUSH MOUNT"
	LAMPS: 5 X LED G9 BI-PIN, 1962 LUMENS, 4.5 WATTS (PER LAMP), 3000 DEGREE K DRIVER: 120V	
В	COMMERCIAL DOWNLIGHT, RECESSED SELF FLANGED, 6 IN. APERTURE CLEAR SPECULAR LOW IRIDESCENT REFLECTOR; ACCESS FROM BELOW OR ABOVE CEILING; STANDARD 0-10 DIMMING.	LITHONIA "LDN6" SER PRESCOLITE "LF6LED" SER., PORTFOLIO "LD6 SER., CREE "SDL6" SER
	LAMPS: LED, 1500 LUMENS, 18 WATTS, 3000 DEGREE K DRIVER: UNV. VOLT	ELITE HH6
С	4 FT LED STRIPLIGHT, WITH FROSTED DIFFUSE LENS, PENDANT MOUNTED, STANDARD 0-10 DIMMING. SUSPEND FIXTURE TO BE 10'-0" A.F.F. ENDCAPS COME STANDARD WITH 7/8" KNOCK OUT FOR CONTINUOUS MOUNTING.	LITHONIA "CLX" SER., COLUMBIA "MPS" SEF METALUX "SNL" SER.,
	LAMPS: LED, 3000 LUMENS, 19 WATTS, 3000 DEGREE K DRIVER: UNV. VOLT	LUMAX "CNLED" SER.
D	2 FT. X 2 FT. RECESSED EDGE LIT FLAT PANEL; ALUMINUM FRAME CONSTRUCTION; SATIN WHITE LENS FOR FULLY LUMINOUS APPEARANCE	LITHONIA "EPANL" SE METALUX "FP" SER. ELITE FPL COLUMBIA
	LAMPS: LED, 2000 LUMENS, 19 WATTS, 3000 DEGREE K DRIVER: UNV. VOLT	CFP
F	2 FT. X 4 FT. RECESSED EDGE LIT FLAT PANEL; ALUMINUM FRAME CONSTRUCTION; SATIN WHITE LENS FOR FULLY LUMINOUS APPEARANCE	LITHONIA "EPANL" SE METALUX "FP" SER. ORACLE FPL SERIES
	LAMPS: LED, 3000 LUMENS, 29 WATTS, 3000 DEGREE K DRIVER: UNV. VOLT	
G	2 FT. VANITY FIXTURE; ACRYLIC DIFFUSER PROVIDING SOFT EVEN ILLUMINATION; SATIN NICKEL FINISH. ITEM #: TEC1648767.	TECH LIGHTING "LYNK BATH BAR"
	LAMPS: LED, 1300 LUMENS, 24 WATTS, 3000 DEGREE K, 90 CRI DRIVER: 120V	
Н	18" LED FLUSH MOUNTED FIXTURE, WALNUT FRAME, FROSTED POLYMER SHADE. ITEM #: CRN1849198.	CERNO "PLURA FLUSHMOUNT"
	LAMPS: LED, 1690 LUMENS, 20 WATTS, 2700 DEGREE K DRIVER: UNV. VOLT	
I	2 FT. LED WALL MOUNTED FIXTURE, IMPACT LINEAR FACETED REFRACTOR, DIECAST END CAPS. MOUNT WALL BRACKET AT 7'-0" A.F.F.	LITHONIA "WL2" SER., EQUALS BY COOPER, HUBBELL
	LAMPS: LED, 2200 LUMENS, 21 WATTS, 3000 DEGREE K DRIVER: UNV. VOLT	
OA	BUILDING MOUNTED WALL PACK WITH RUGGED CAST-ALUMINUM HOUSING AND POLYCARBONATE DIFFUSER; WET LISTED.	LITHONIA "OLWP" SEF EQUALS BY COOPER, HUBBELL
	LAMPS: LED, 1414 LUMENS, 23 WATTS, 4000 DEGREE K DRIVER: UNV. VOLT	
ОВ	COMMERCIAL DOWNLIGHT, RECESSED SELF FLANGED, 6 IN. APERTURE CLEAR SPECULAR LOW IRIDESCENT REFLECTOR; WET LISTED.	LITHONIA "LDN6" SER PRESCOLITE "LF6LED" SER., PORTFOLIO "LD6
	LAMPS: LED, 1500 LUMENS, 18 WATTS, 4000 DEGREE K DRIVER: UNV. VOLT	SER., CREE "SDL6" SER ELITE HH6
$\otimes$	LED THERMOPLASTIC EXIT, IMPACT/SCRATCH RESISTANT AND CORROSION PROOF; TOP, END, OR BACK MOUNTING STANDARD. (PROVIDE 90 MIN. BACK-UP BATTERY).	COMPASS "CE" SER., LITHONIA "LHQM LED SER., SURELITES "LPX"
$\otimes$	LAMPS: LED (2), 3 WATTS BALLAST: UNV. VOLT	SER.

NOTES:
I. CONTRACTOR TO VERIFY ALL VOLTAGES, GRID AND CEILING TYPES WITH THE ARCHITECT AND COORDINATE FIXTURE DIMENSION SIZE TO ENSURE A PROPER FIT IN ALL CEILING TYPES PRIOR TO ORDERING.



PROVIDE ALL BRANCH CIRCUIT CONDUIT/CONDUCTORS AS NECESSARY TO CONNECT ALL DEVICES SHOWN ON THE CIRCUIT. PROVIDE DEDICATED NEUTRALS FOR ALL CIRCUITS. (STRIPED NEUTRAL WITH PHASE COLOR STRIPING)

	ELECTRICAL LEGEND
	CONDUIT RUN CONCEALED ABOVE CEILING OR IN WALL, HASH MARKS INDICATE NUMBER OF CONDUCTORS. (3 WIRE UNLESS SHOWN)
#H	CONDUIT RUN CONCEALED BELOW FLOOR SLAB, OR UNDERGROUND.
A-2,4	HOMERUN TO PANELBOARD, LETTER OR LETTERS INDICATE PANELBOARD. NUMBERS INDICATES CIRCUIT NUMBERS.
0 0	LIGHT FIXTURE, SEE LIGHTING FIXTURE SCHEDULE FOR MOUNTING AND TYPE. HASH MARK IN FIXTURE DENOTES EMERGENCY SWITCHED FIXTURE CONTROLLED BY EMERGENCY LIGHTING RELAY. HASH MARK DENOTES NGHTLIGHT FIXTURE, UNSWTICHED POWERED FROM EMERGENCY CIRCUIT
9 9 9	LIGHTING FIXTURE, WALL BRACKET MOUNTED. (SEE ARCHITECTURAL FOR MOUNTING HEIGHT.)  JUNCTION BOX FLUSH WALL MOUNTED, 18 IN. TO CENTER LINE UNLESS OTHERWISE NOTED.  JUNCTION BOX LOCATED ABOVE CEILING.
$\ominus$	SIMPLEX OUTLET TO SERVE MICROWAVE.
$\bigoplus$	DUPLEX CONVENIENCE OUTLET, 18 IN. ABOVE FLOOR UNLESS OTHERWISE NOTED.
₩P <del>()</del>	DUPLEX CONVENIENCE OUTLET, GFITYPE. 8 IN. ABOVE COUNTER TOP OR 42 IN. MOUNTING HEIGHT  DUPLEX CONVENIENCE OUTLET, GFITYPE. 18 IN. MOUNTING HEIGHT. "WP" WHERE SHOWN INDICATES WEATHERPROOF. PROVIDE METAL IN-USE WEATHERPROOF COVERPLATE.
	QUADRUPLEX CONVENIENCE OUTLET.18 IN. TO CENTERLINE UNLESS OTHERWISE NOTED. SPECIAL RECEPTACLE TO SUIT EQUIPMENT FURNISHED.SEE SPECIFICATIONS FOR LOCKING
\$	RECEPTACLE REQUIRED AT THRU-WALL UNITS.
Ŷ \$₃	SINGLE POLE TOGGLE SWITCH, 42 IN. MOUNTING HEIGHT.  THREE OR FOUR WAY SWITCH AS INDICATED, 42 IN. MOUNTING HEIGHT.
ф	O-IO VOLT SLIDE TYPE DIMMER, 42 IN. ABOVE FLOOR. (MANUAL ON TO 50%, DIM I- 100%, AUTO OFF PER IECC 2015.)
þ₃	THREE WAY 0-10 VOLT SLIDE TYPE DIMMER, 42 IN. ABOVE FLOOR. (MANUAL ON TO 50%, DIM I- 100%, AUTO OFF PER IECC 2015.)
ķ	KEY SWITCH TO USE "CYLINDER" TYPE KEY. 42 IN. A.F.F. MOUNTING HEIGHT.
\$ <sub>M</sub>	MANUAL MOTOR RATED SWITCH.
_	PANELBOARD, SEE SCHEDULE.
M	MOTOR
<u> </u>	DISCONNECT SWITCH, SIZE AS NOTED ON DRAWINGS.
DPE	PHOTOELECTRIC CONTROLLED CONTACTOR.
	WALL MOUNTED CAMERA.COORDINATE MOUNTING HEIGHT WITH ARCHITECTURAL."WP" WHERE SHOWN INDICATES WEATHERPROOF.
	TELEPHONE/DATA/TELEVISION SYSTEMS
	COMBINATION COMPUTER AND TELEPHONE OUTLET, 18 IN. TO CENTER LINE OF OUTLET UNLESS NOTED OTHERWISE.(2 DATA, ITEL). SEE DETAIL 1/E602.
A 📂	COMBINATION COMPUTER AND TELEPHONE OUTLET, 18 IN. TO CENTER LINE OF OUTLET UNLESS NOTED OTHERWISE. (IDATA, ITEL). SEE DETAIL 4/E602.
<b>&gt;</b>	COMBINATION TELEPHONE AND COMPUTER OUTLET, FLUSH WALL MOUNTED AT 8 IN. ABOVE COUNTER TOP OR 42 IN. ABOVE FLOOR. SEE DETAIL 1/E602.
AP	WIRELESS ACCESS POINT.
<b>ூ</b> ⊤B	TELEVISION OUTLET, 18 IN. TO CENTER LINE OF OUTLET UNLESS NOTED OTHERWISE.  PLYWOOD BACKBOARD, "TB" INDICATES TELEPHONE BOARD.
— J —	5 IN.NON-METALLIC HANGER FOR LOW VOLTAGE CABLING (ARLINGTON INDUSTRIES
	"THE LOOP" MODEL TL50). SEE WIRE MANAGEMENT NOTES ON E602 FOR MORE INFORMATION.  LIGHTING CONTROL SENSORS
③ <sub>v</sub>	COMBINATION 360 DEGREE, ULTRASONIC AND PASSIVE INFRARED SENSOR (WATT STOPPER "DT-300", GREENGATE, NOVITAS, HUBBELL, LEVITON, SENSOR SWITCH). ("V" INDICATES VACANCY SENSOR).
$\langle$	PASSIVE INFRARED SENSOR (WATT STOPPER "WPIR", GREENGATE, NOVITAS, HUBBELL, LEVITON, SENSOR SWITCH).
\$0	WALL MOUNTED SENSOR SWITCH, 42 IN. MOUNTING HEIGHT (WATTSTOPPER DW-100, GREENGATE, NOVITAS, HUBBELL, LEVITON, SENSOR SWITCH).
	FIRE ALARM SYSTEM (VOICE EVAC TYPE WITH ELEVATOR FIRE PHONE)
FACP	FIRE ALARM CONTROL PANEL, SURFACE MOUNTED.
FAA	FIRE ALARM ANNUNCIATOR, FLUSH MOUNTED.  FIRE ALARM REMOTE ELEVATOR INTERFACE MODULE.
ESR FSCU	FIRE ALARM CONNECTION, HOOD EXTINGUISHING SYSTEM. SEE MECHANICAL DRAWINGS FOR
	LOCATION. INTERLOCK WITH SHUNT TRIP BREAKERS FOR EQUIPMENT UNDER HOOD.  SPEAKER AND FLASHING LIGHT. 80 IN. ABOVE FLOOR TO THE BOTTOM OF THE LENS.
Š	("WP" INDICATES WEATHERPROOF.)
Ž E	STROBE LIGHT, 80 IN. ABOVE FLOOR TO THE BOTTOM OF THE LENS.
F ::	FIRE ALARM PULL STATION. WALL MOUNTED 42 IN. ABOVE FLOOR.  FIRE ALARM DUCT SMOKE DETECTOR LOCATED IN HVAC SUPPLY DUCT. PROVIDE IN UNITS
⟨S⟩	2000 CFM AND GREATER.  SLEEPING ROOM SMOKE DETECTOR, CEILING MOUNTED, SLEEPING ROOM SMOKE DETECTORS
(2) <sub>5 A</sub>	SHALL HAVE AN INTEGRAL STROBE LIGHT FOR ACCESSIBLE UNITS. ALSO IN UNITS WITH MORE THAN ONE ROOM THE SMOKE DETECTORS SHALL BE INTERLOCKED SO THAT WHEN ONE

[F]	FIRE ALARM PULL STATION. WALL MOUNTED 42 IN. ABOVE FLOOR.
2	FIRE ALARM DUCT SMOKE DETECTOR LOCATED IN HVAC SUPPLY DUCT.PROVIDE IN UNITS 2000 CFM AND GREATER.
(2) <sub>SA</sub>	SLEEPING ROOM SMOKE DETECTOR, CEILING MOUNTED. SLEEPING ROOM SMOKE DETECTORS SHALL HAVE AN INTEGRAL STROBE LIGHT FOR ACCESSIBLE UNITS. ALSO IN UNITS WITH MORE THAN ONE ROOM THE SMOKE DETECTORS SHALL BE INTERLOCKED SO THAT WHEN ONE ACTIVATES THEY BOTH ACTIVATE. 120V, 9V LITHIUM BATTERY BACK-UP. THESE SLEEPING ROOM SMOKE DETECTORS ARE NOT TIED TO THE OVERALL BUILDING SYSTEM.
② <sub>P</sub>	SMOKE DETECTOR, PHOTOELECTRIC TYPE.
<b>△</b> co	CARBON MONOXIDE DETECTOR, CEILING MOUNTED.
<b>(1</b> )	HEAT DETECTOR, 135 DEGREE OPERATION.
VS	TAMPER SWITCH, FURNISHED AND INSTALLED WITH SPRINKLER SYSTEM. INTERLOCK WITH FIRE ALARM SYSTEM BY ELECTRICAL.
WF	FLOW SWITCH, FURNISHED AND INSTALLED WITH SPRINKLER SYSTEM. INTERLOCK WITH FIRE ALARM SYSTEM BY ELECTRICAL.
FP	FIREMAN PHONE JACK.
,	ACCESS CONTROL SYSTEM
©	ACCESS CONTROL PROXIMITY READER. COORDINATE MOUNTING HEIGHT WITH OWNER PRIOR TO ROUGH-IN.

I. ALL MOUNTING HEIGHTS ARE FROM FINISHED FLOOR TO CENTERLINE OF OUTLET OR DEVICE. 2. ALL RECEPTACLES SHALL BE TAMPER RESISTANT (TYPE "TR").



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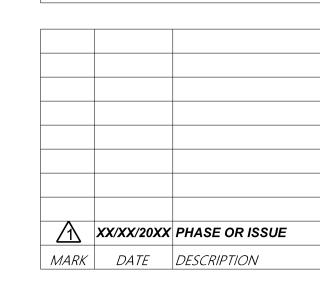
SEALS



## W.C. ERVIN TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

ELECTRICAL LEGEND, SCHEDULES, AND DETAILS



DATE: 1/10/2023

FILE: 20221006 ERVIN TOWERS

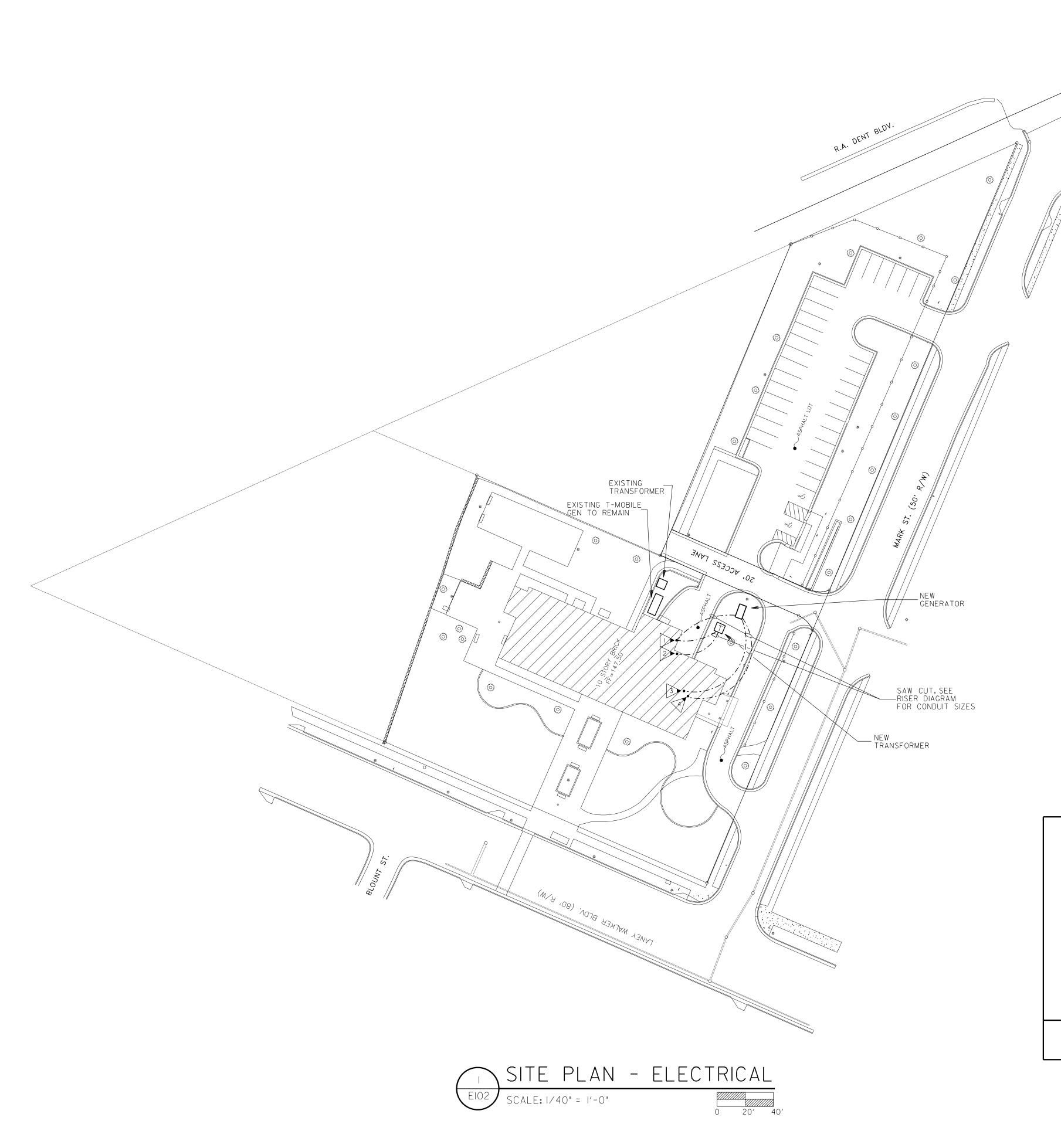
DRAWN BY: TW CHK'D BY: JM

ELECTRICAL DESIGN

ELONG

ELON

175 NEW ST.,STE.1 MACON, GA 31201 EDC\* M21054



## KEYED NOTES: (THIS SHEET ONLY)

ROUTE TO NEW FIRE PUMP CONTROLLER. REFER TO 1/E502 FOR BRANCH CIRCUITRY REQUIREMENTS. COORDINATE EXACT LOCATION WITH PLUMBING. ROUTE TO NEW SWITCHGEAR "MSG/MSG2". REFER TO 1/E502 FOR BRANCH CIRCUITRY REQUIREMENTS. REFER TO 1/E301FOR EXACT LOCATION OF SWITCHGEAR.

ROUTE TO NEW EMEQ ATS.REFER TO 1/E502 FOR BRANCH CIRCUITRY REQUIREMENTS.REFER TO 1/E301FOR EXACT LOCATION OF ATS.

ROUTE TO NEW EMLS ATS. REFER TO 1/E502 FOR BRANCH CIRCUITRY REQUIREMENTS. REFER TO 1/E301FOR EXACT LOCATION OF ATS.

## GENERAL NOTES: (THIS SHEET ONLY)

- A. SURVEY AND SITE INFORMATION PROVIDED BY OTHERS. VERIFY ALL CONDITIONS ON SITE AND WITH OFFICAL SURVEYS AND OTHER TRADES.
- B. CALL UNDERGROUND UTILITY CENTER AND VERIFY ALL UNDERGROUND UTILITIES.
- C. UNDERGROUND CONDUIT SHALL BE SCHEDULE 40 PVC.
- D. CONTRACTOR SHALL STAKE-OFF ALL EXISTING UTILITIES PRIOR TO ROUGH-IN. ALL NEW INSTALLATION SHALL BE COORDINATED WITH EXISTING UTILITY LOCATIONS.
- E. PROVIDE HAND-HOLES AS REQUIRED BY NEC FOR UNDERGROUND FEEDERS
- F. PROVIDE 120V POWER TO ALL ELECTRONIC WATER METERS. SEE PLUMBING AND CIVIL DRAWING FOR QUANTITIES AND LOCATIONS.
- G. ALL EXISTING SITE LIGHTING TO REMAIN. REFEED FROM NEW DISTRIBUTION GEAR SHOWN WITHOUT NIGHT TIME INTERRUPTION.

# GENERAL NOTES - LOCATION OF UTILITY COMPANY PAD MOUNTED TRANSFORMER:

- I. TRANSFORMER PAD LOCATIONS SHALL BE A MINIMUM OF 10 FT.-O IN. FROM ANY BUILDING OVERHANGS, CANOPIES, EXTERIOR WALLS, BALCONY, EXTERIOR STAIRS AND OR WALKWAYS CONNECTED TO THE BUILDING.
- 2. TRANSFORMER PAD EDGE SHALL BE NO LESS THAN 14 FT.-O IN. FROM ANY DOOR WAY.
- 3. TRANSFORMER PAD EDGE SHALL BE NO LESS THAN 10 FT.-O IN. FROM ANY WINDOWS OR OTHER OPENINGS.
- 4. IF THE BUILDING HAS ON OVERHANG THE 10 FT.-O IN. CLEARANCE SHALL BE MEASURED FROM A POINT BELOW THE EDGE OF THE OVERHANG ONLY IF THE BUILDING IS 3 STORIES OR LESS. IF THE BUILDING IS 4 STORIES OR MORE 10 FT.-O IN. SHALL BE MEASURED FROM THE OUTSIDE BUILDING WALL.
- 5. FIRE ESCAPES, OUTSIDE STAIRS, AND COVERED WALKWAYS ATTACHED TO OR BETWEEN BUILDINGS, SHALL BE CONSIDERED PART OF THE BUILDING.

NOTE: THIS INFORMATION HAS BEEN OBTAINED FROM THE NFPA SECTION 450-27 AND THE OFFICE OF INSURANCE AND SAFETY FIRE COMMISSIONER CHAPTER 120-3-3.

PROVIDE ALL BRANCH CIRCUIT CONDUIT/CONDUCTORS AS NECESSARY TO CONNECT ALL DEVICES SHOWN ON THE CIRCUIT. PROVIDE DEDICATED NEUTRALS FOR ALL CIRCUITS. (STRIPED NEUTRAL WITH PHASE COLOR STRIPING)



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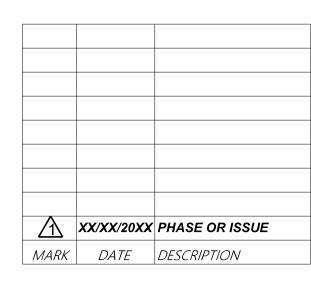
SEALS



# W.C. ERVIN TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

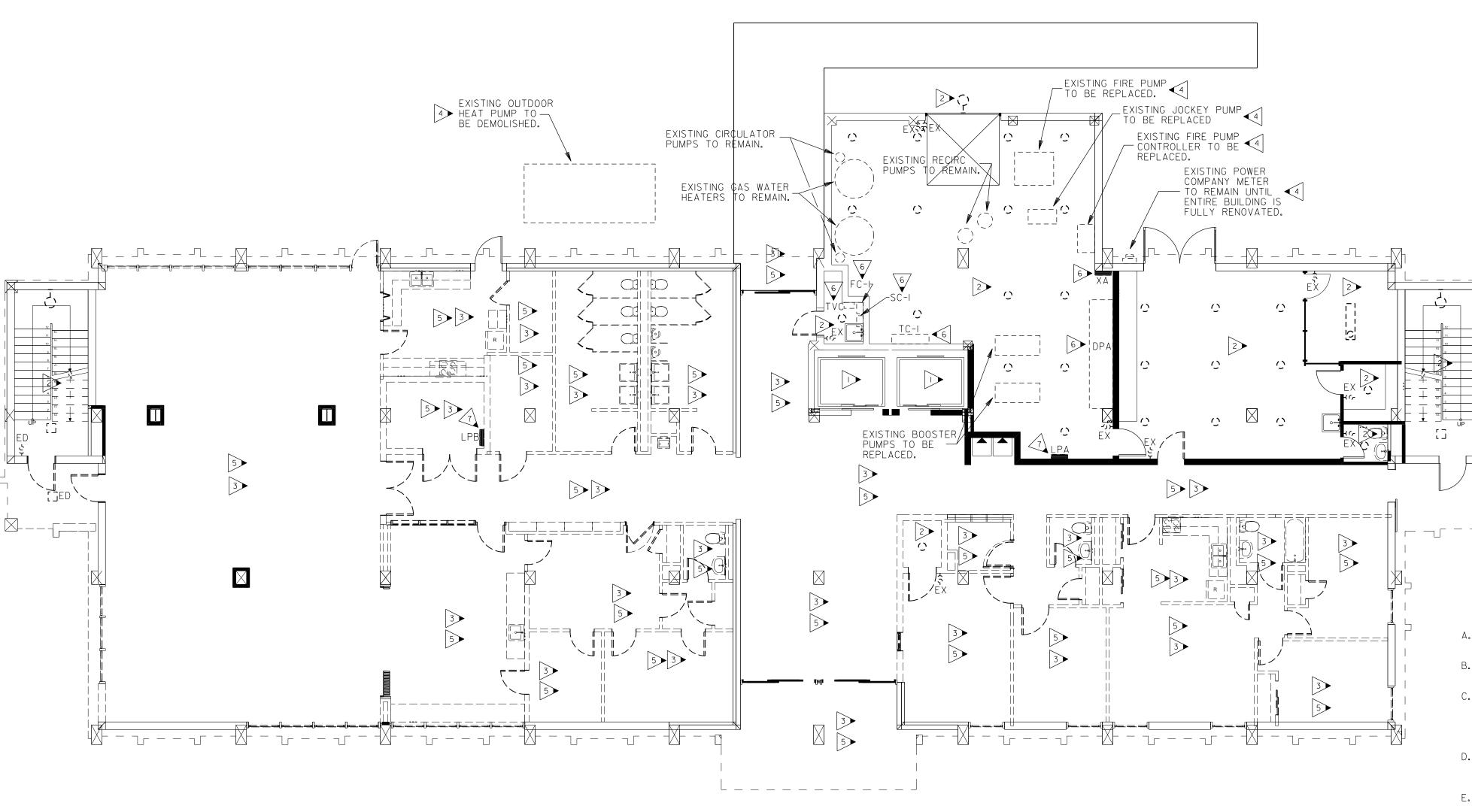
SITE PLAN -**ELECTRICAL** 



DATE: 1/10/2023 FILE: 20221006 ERVIN TOWERS

DRAWN BY: TW CHK'D BY: JM

175 NEW ST.,STE.1 MACON, GA 31201 EDC\* M21054





	DEMOLITION LEGEND
ED	EXISTING DEVICE TO BE DEMOLISHED.
ER	EXISTING DEVICE TO BE RELOCATED, PROVIDE NEW DEVICE AND FACEPLATE.
EX	EXISTING DEVICE TO BE REPLACED IFOR IWITH NEW FACEPLATE.DEVICE TO BE CIRCUITED TO NEW PANEL.

PROVIDE ALL BRANCH CIRCUIT CONDUIT/CONDUCTORS AS NECESSARY TO CONNECT ALL DEVICES SHOWN ON THE CIRCUIT. PROVIDE DEDICATED NEUTRALS FOR ALL CIRCUITS. (STRIPED NEUTRAL WITH PHASE COLOR STRIPING)

## KEYED NOTES: (THIS SHEET ONLY)

- EXISTING ELEVATOR TO REMAIN AND BE RECIRCUITED TO NEW PANELS. EXISTING SUMP PUMP IN SHARED PIT TO BE REPLACED.
- NO LIGHTING DEMOLITION WORK IN AREA UNLESS NOTED OTHERWISE. EXISTING FIXTURES AND DEVICES TO BE CIRCUITED TO NEW PANELS.
- ALL LIGHTING FIXTURES AND LIGHTING DEVICES IN AREA TO BE DEMOLISHED UNLESS NOTED OTHERWISE.
- REMOVE BRANCH CIRCUITRY TO HVAC, PLUMBING, AND FIRE PROTECTION EQUIPMENT BEING REMOVED/REPLACED (COORDINATED WITH PHASING AND
- RECEPTACLES, TELE/DATA/TV, DISTRESS SYSTEM, AND FIRE ALARM IN AREA TO BE DEMOLISHED UNLESS NOTED OTHERWISE. EXISTING HVAC IN AREA TO ALSO BE DEMOLISHED. COORDINATE HVAC DEMOLITION WITH MECHANICAL. SEE GENERAL DEMOLITION NOTES.
- EXISTING EQUIPMENT TO REMAIN UNTIL ALL TEN FLOORS HAVE BEEN FULLY RENOVATED AND ARE POWERED BY NEW SERVICE. MAINTAIN ANY NECESSARY CONNECTIONS TO OTHER FLOORS UNTIL RENOVATION FOR THAT FLOOR BEGINS.
- EXISTING EQUIPMENT TO REMAIN UNTIL NEW EQUIPMENT IS INSTALLED. COORDINATE SCHEDULE TO ELIMINATE DOWN TIME.

## GENERAL NOTES: (THIS SHEET ONLY)

A. (NOT SHOWN) EXISTING TRASH COMPACTOR TO REMAIN. REMOVE BRANCH CIRCUITRY TO COMPACTOR AND REFEED FROM NEW SWITCHGEAR. FIELD COORDINATE EXACT LOCATION OF TRASH COMPACTOR.

## GENERAL DEMOLITION NOTES: (THIS SHEET ONLY)

A. REMOVE EXISTING LIGHTS AND DISPOSE OF AS DIRECTED BY OWNER (EXCEPT LOCATIONS NOTED).

ELECTRICAL SUBCONTRACTOR.

- B. PROVIDE BLANK COVERS ON ALL JUNCTION BOXES AND OUTLET BOXES NOT INTENDED FOR REUSE.
- C. EXISTING CEILINGS, WALLS, AND FLOORS DISTURBED OR DISFIGURED BY THE ELECTRICAL RENOVATION SHALL BE PATCHED, MENDED OR REPLACED BY TRADES ACTIVELY PARTICIPATING IN THIS TYPE OF WORK. RESPONSIBILITY FOR REPAIRS SHALL BE COORDINATED BETWEEN GENERAL CONTRACTOR AND
- D. ALL EXISTING EQUIPMENT REMOVED FROM SERVICE AND NOT INTENDED FOR REUSE SHALL REMAIN THE PROPERTY OF OWNER AND SHALL BE DISPOSED OF AS DIRECTED BY THE OWNER.
- E. MAINTAIN SERVICE TO ALL EXISTING CIRCUITS THAT ARE NOT SCHEDULED FOR REMOVAL AT THIS TIME. (SEE ARCHITECTURAL FOR PHASING AND ALTERNATES.)
- F. ALL ACCESSIBLE ITEMS OF ELECTRICAL EQUIPMENT CONDUITS, WIRING, LIGHTS, RECEPTACLES, ETC. AFFECTED BY THE RENOVATION WORK AND NOT REQUIRED IN THE COMPLETED WORK SHALL BE CAREFULLY REMOVED. DAMAGED WALLS, FLOORS, CEILINGS, ETC. SHALL BE PATCHED AND FINISHED TO MATCH THE EXISTING ADJACENT SURFACES. REMOVED ITEMS SHALL BE PROPERLY DISPOSED OF OFF SITE AND NOT REUSED EXCEPT AS NOTED. TURN OVER ALL EXISTING EQUIPMENT DESIRED BY BUILDING OWNER.
- G. RECONNECT CIRCUITS AS REQUIRED TO MAINTAIN CONTINUITY TO EXISTING DEVICES AND EQUIPMENT TO REMAIN.
- H. WHERE ONLY A PORTION OF A CIRCUIT'S LOAD IS SCHEDULED TO BE REMOVED. REMOVE ONLY THAT PORTION ASSOCIATED WITH THE DEMOLISHED DEVICE TO A POINT WHERE THE REMAINING LOAD IS ACTIVE AND MAINTAIN IN A GOOD OPERATING CONDITION.
- J. EXISTING EQUIPMENT SHOWN ON ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS THAT WILL REMAIN SHALL HAVE SERVICE MAINTAINED OR RECONNECTED TO EXISTING OR NEW PANELBOARD AS NECESSARY.
- K. TO MAINTAIN SERVICE OR TO EXTEND OR RECONNECT CIRCUITS WHERE CONDUIT CAN NOT BE CONCEALED, SURFACE METAL RACEWAY (WIREMOLD V700 SERIES) MAY BE USED WHERE ALLOWED BY ARCHITECT. VERIFY WITH ARCHITECT BEFORE INSTALLING.
- L. ELECTRICAL CONTRACTOR SHALL REVIEW ARCHITECTURAL DRAWINGS AND SITE CONDITIONS FOR DOOR SWINGS, CABINETS, COUNTERS AND OTHER BUILT-IN EQUIPMENT. CONDITIONS INDICATED ON ARCHITECTURAL DRAWING SHALL GOVERN.
- M. COORDINATE ELECTRICAL WITH ARCHITECTURAL DETAILS, FLOOR PLANS, ELEVATIONS, STRUCTURAL, MECHANICAL AND PLUMBING DRAWINGS. PROVIDE FITTINGS, JUNCTION BOXES AND ACCESSORIES TO MEET CONDITIONS. COORDINATE ROUTING OF ALL NEW FEEDERS WITH EXISTING SITE ELEMENTS. ALL FEEDERS SHALL BE CONCEALED EXCEPT IN MECHANICAL/ELECTRICAL SPACES WITH SURFACE MOUNTED PANELS.
- N. ENSURE ALL EXISTING TELEPHONE, DATA, TELEVISION, FIRE ALARM, DISTRESS CALL SYSTEM AND OTHER LOW VOLTAGE CABLING IS SECURED TO STRUCTURE AND PROTECTED FROM DAMAGE DURING DEMOLITION AND NEW CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL SYSTEMS IN WORKING ORDER. EXISTING SYSTEMS SHALL BE REMOVED FLOOR BY FLOOR AS RENOVATED WITH WALL RECONFIGURATION AND REPROGRAMMING DONE TO KEEP EXISTING SYSTEMS OPERABLE ON UPPER FLOORS UNTIL THE RENOVATION IS COMPLETE THROUGH TOP FLOOR. AFTERWARDS, ALL OLD SYSTEMS SHALL BE REMOVED. SEE ARCHITECTURAL FOR PHASING AND ALTERNATES.



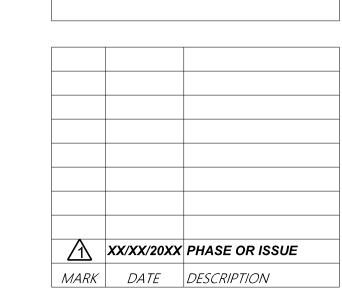
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## W.C. ERVIN TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

FIRST FLOOR
PLAN ELECTRICAL
DEMOLITION



DATE: 1/10/2023 FILE: 20221006 ERVIN TOWERS

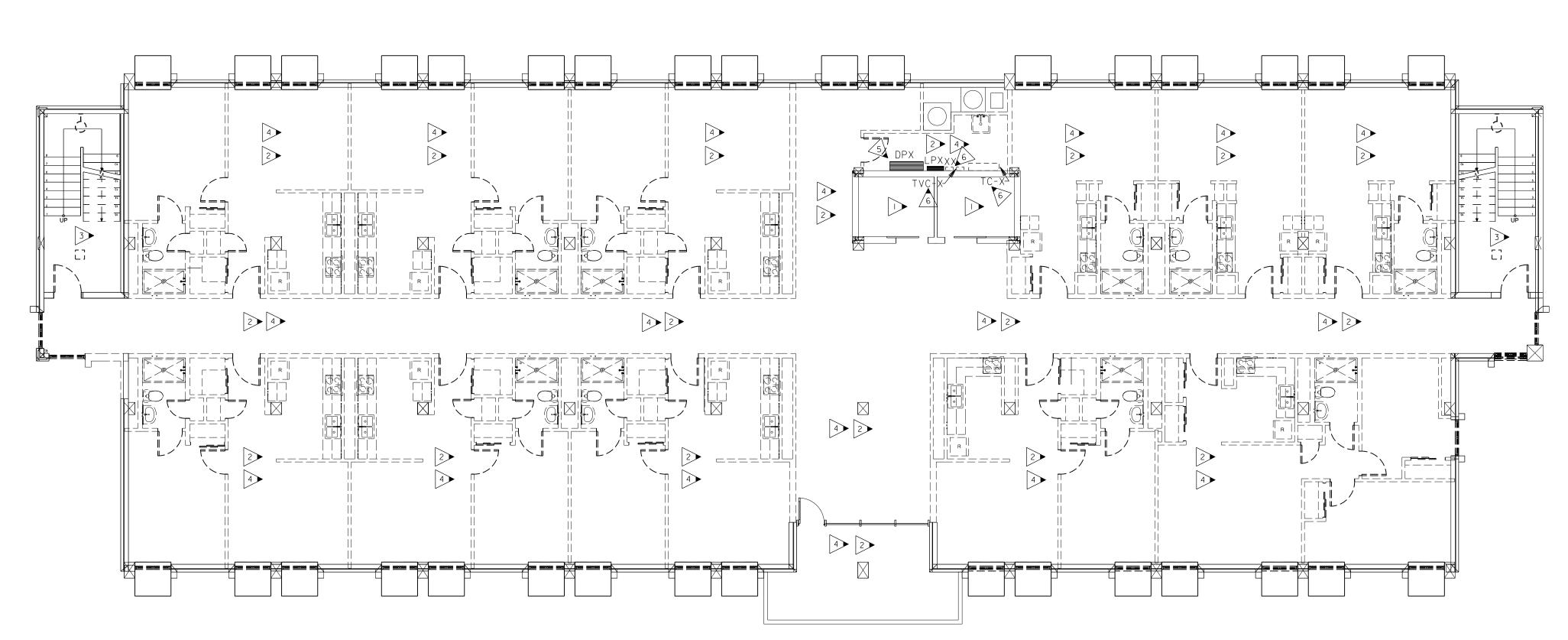
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**ELECTRICAL DESIGN** 

175 NEW ST.,STE.1

MACON, GA 31201

EDC\* M21054



TYPICAL ELECTRICAL DEMOLITION PLAN - 2ND, 4TH, 5TH, 7TH, 8TH, AND IOTH FLOORS

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

PROVIDE ALL BRANCH CIRCUIT CONDUIT/CONDUCTORS AS NECESSARY TO CONNECT ALL DEVICES SHOWN ON THE CIRCUIT. PROVIDE DEDICATED NEUTRALS FOR ALL CIRCUITS. (STRIPED NEUTRAL WITH PHASE COLOR STRIPING)

## GENERAL DEMOLITION NOTES: (THIS SHEET ONLY)

- A. REMOVE EXISTING LIGHTS AND DISPOSE OF AS DIRECTED BY OWNER (EXCEPT LOCATIONS NOTED).
- B. PROVIDE BLANK COVERS ON ALL JUNCTION BOXES AND OUTLET BOXES NOT INTENDED FOR REUSE.
- C. EXISTING CEILINGS, WALLS, AND FLOORS DISTURBED OR DISFIGURED BY THE ELECTRICAL RENOVATION SHALL BE PATCHED, MENDED OR REPLACED BY TRADES ACTIVELY PARTICIPATING IN THIS TYPE OF WORK. RESPONSIBILITY FOR REPAIRS SHALL BE COORDINATED BETWEEN GENERAL CONTRACTOR AND ELECTRICAL SUBCONTRACTOR.
- D. ALL EXISTING EQUIPMENT REMOVED FROM SERVICE AND NOT INTENDED FOR REUSE SHALL REMAIN THE PROPERTY OF OWNER AND SHALL BE DISPOSED OF AS DIRECTED BY THE OWNER.
- E. MAINTAIN SERVICE TO ALL EXISTING CIRCUITS THAT ARE NOT SCHEDULED FOR REMOVAL AT THIS TIME. (SEE ARCHITECTURAL FOR PHASING AND ALTERNATES.)
- F. ALL ACCESSIBLE ITEMS OF ELECTRICAL EQUIPMENT CONDUITS, WIRING, LIGHTS, RECEPTACLES, ETC. AFFECTED BY THE RENOVATION WORK AND NOT REQUIRED IN THE COMPLETED WORK SHALL BE CAREFULLY REMOVED. DAMAGED WALLS, FLOORS, CEILINGS, ETC. SHALL BE PATCHED AND FINISHED TO MATCH THE EXISTING ADJACENT SURFACES. REMOVED ITEMS SHALL BE PROPERLY DISPOSED OF OFF SITE AND NOT REUSED EXCEPT AS NOTED. TURN OVER ALL EXISTING EQUIPMENT DESIRED BY BUILDING OWNER.
- G. EXISTING EQUIPMENT SHOWN ON ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS THAT WILL REMAIN SHALL HAVE SERVICE MAINTAINED OR RECONNECTED TO EXISTING OR NEW PANELBOARD AS NECESSARY.
- H. TO MAINTAIN SERVICE OR TO EXTEND OR RECONNECT CIRCUITS WHERE CONDUIT CAN NOT BE CONCEALED, SURFACE METAL RACEWAY (WIREMOLD V700 SERIES) MAY BE USED WHERE ALLOWED BY ARCHITECT. VERIFY WITH ARCHITECT BEFORE INSTALLING.
- I. ELECTRICAL CONTRACTOR SHALL REVIEW ARCHITECTURAL DRAWINGS AND SITE CONDITIONS FOR DOOR SWINGS, CABINETS, COUNTERS AND OTHER BUILT-IN EQUIPMENT. CONDITIONS INDICATED ON ARCHITECTURAL DRAWING SHALL GOVERN.
- J. COORDINATE ELECTRICAL WITH ARCHITECTURAL DETAILS, FLOOR PLANS, ELEVATIONS, STRUCTURAL, MECHANICAL AND PLUMBING DRAWINGS. PROVIDE FITTINGS, JUNCTION BOXES AND ACCESSORIES TO MEET CONDITIONS. COORDINATE ROUTING OF ALL NEW FEEDERS WITH EXISTING SITE ELEMENTS. ALL FEEDERS SHALL BE CONCEALED EXCEPT IN MECHANICAL/ELECTRICAL SPACES WITH SURFACE MOUNTED PANELS.
- K. ENSURE ALL EXISTING TELEPHONE, DATA, TELEVISION, FIRE ALARM, DISTRESS CALL SYSTEM AND OTHER LOW VOLTAGE CABLING IS SECURED TO STRUCTURE AND PROTECTED FROM DAMAGE DURING DEMOLITION AND NEW CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL SYSTEMS IN WORKING ORDER. EXISTING SYSTEMS SHALL BE REMOVED FLOOR BY FLOOR AS RENOVATED WITH WALL RECONFIGURATION AND REPROGRAMMING DONE TO KEEP EXISTING SYSTEMS OPERABLE ON UPPER FLOORS UNTIL THE RENOVATION IS COMPLETE THROUGH TOP FLOOR. AFTERWARDS, ALL OLD SYSTEMS SHALL BE REMOVED. SEE ARCHITECTURAL FOR PHASING AND ALTERNATES.

## KEYED NOTES: (THIS SHEET ONLY)

- EXISTING ELEVATOR TO REMAIN. RE-FEED AS SHOWN AND NOTED.
- ALL LIGHTING FIXTURES AND LIGHTING DEVICES IN AREA TO BE DEMOLISHED UNLESS NOTED OTHERWISE.
- NO DEMOLITION WORK IN AREA UNLESS NOTED OTHERWISE. EXISTING FIXTURES AND DEVICES TO BE CIRCUITED TO NEW PANELS ONCE ALL TEN FLOORS HAVE BEEN RENOVATED.
- RECEPTACLES, TELE/DATA/TV, DISTRESS CALL SYSTEM, AND FIRE ALARM IN AREA TO BE DEMOLISHED UNLESS NOTED OTHERWISE. EXISTING HVAC IN AREA TO ALSO BE DEMOLISHED. COORDINATE HVAC DEMOLITION WITH MECHANICAL. SEE GENERAL DEMOLITION NOTES.
- 5> EXISTING PANELS AND FEEDERS TO BE DEMOLISHED.
- EXISTING EQUIPMENT TO REMAIN UNTIL ALL TEN FLOORS HAVE BEEN FULLY RENOVATED AND ARE CONNECTED TO NEW SERVICE. MAINTAIN CONNECTIONS BETWEEN FLOORS THROUGHOUT RENOVATION PROCESS.



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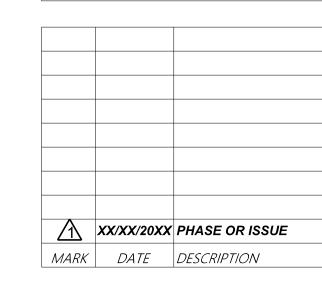
SEALS



## W.C. ERVIN TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

TYPICAL
ELECTRICAL
DEMOLITION
PLAN - 2ND, 4TH,
5TH, 7TH, 8TH,
AND 10TH
FLOORS



DATE: 1/10/2023
FILE: 20221006 ERVIN TOWERS

DRAWN BY: TW CHK'D BY: JM

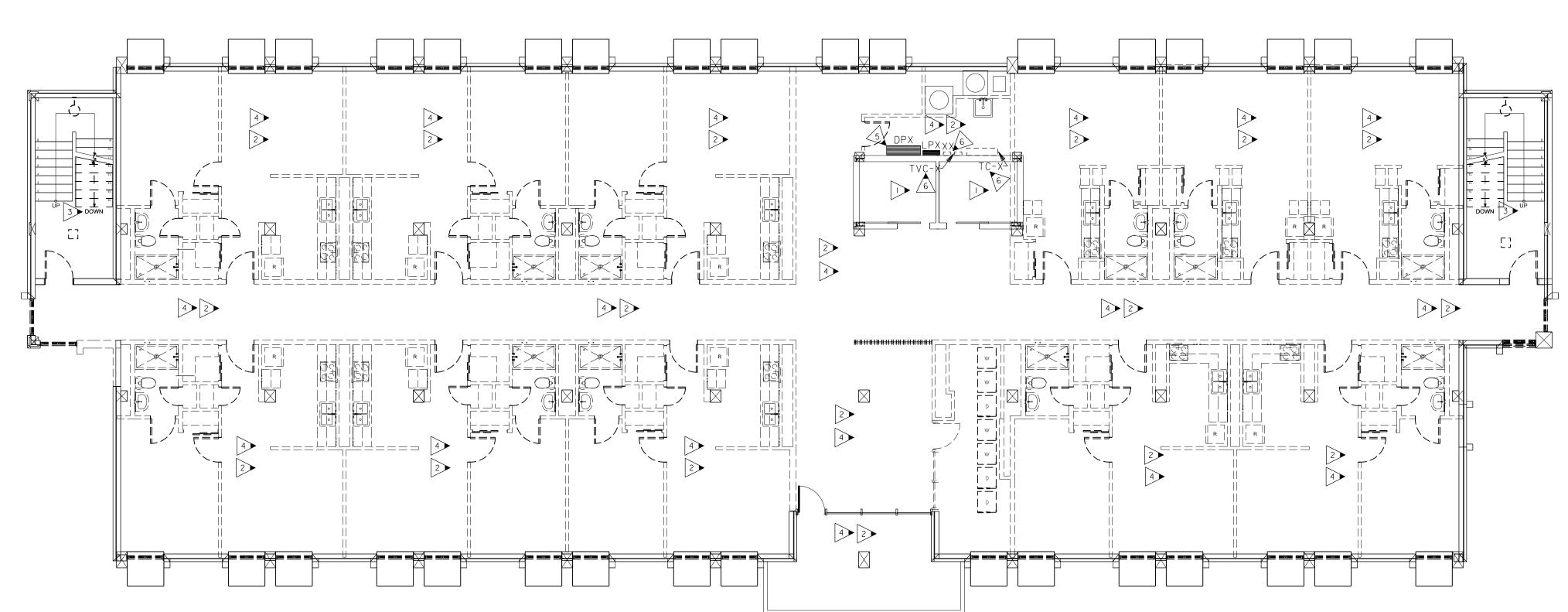
ELECTRICAL DESIGN

CONSULTANTS, INC.

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MACON, GA 31201

EDC\* M21054



PROVIDE ALL BRANCH CIRCUIT CONDUIT/CONDUCTORS AS NECESSARY TO CONNECT ALL DEVICES SHOWN ON THE CIRCUIT. PROVIDE DEDICATED NEUTRALS FOR ALL CIRCUITS. (STRIPED NEUTRAL WITH PHASE COLOR STRIPING)

TYPICAL ELECTRICAL DEMOLITION PLAN - 3RD,6TH,AND 9TH FLOORS

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

## GENERAL DEMOLITION NOTES: (THIS SHEET ONLY)

- A. REMOVE EXISTING LIGHTS AND DISPOSE OF AS DIRECTED BY OWNER (EXCEPT LOCATIONS NOTED).
- B. PROVIDE BLANK COVERS ON ALL JUNCTION BOXES AND OUTLET BOXES NOT INTENDED FOR REUSE.
- C. EXISTING CEILINGS, WALLS, AND FLOORS DISTURBED OR DISFIGURED BY THE ELECTRICAL RENOVATION SHALL BE PATCHED, MENDED OR REPLACED BY TRADES ACTIVELY PARTICIPATING IN THIS TYPE OF WORK. RESPONSIBILITY FOR REPAIRS SHALL BE COORDINATED BETWEEN GENERAL CONTRACTOR AND ELECTRICAL SUBCONTRACTOR.
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- F. ALL ACCESSIBLE ITEMS OF ELECTRICAL EQUIPMENT CONDUITS, WIRING, LIGHTS, RECEPTACLES, ETC. AFFECTED BY THE RENOVATION WORK AND NOT REQUIRED IN THE COMPLETED WORK SHALL BE CAREFULLY REMOVED. DAMAGED WALLS, FLOORS, CEILINGS, ETC. SHALL BE PATCHED AND FINISHED TO MATCH THE EXISTING ADJACENT SURFACES. REMOVED ITEMS SHALL BE PROPERLY DISPOSED OF OFF SITE AND NOT REUSED EXCEPT AS NOTED. TURN OVER ALL EXISTING EQUIPMENT DESIRED BY BUILDING OWNER.
- G. EXISTING EQUIPMENT SHOWN ON ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS THAT WILL REMAIN SHALL HAVE SERVICE MAINTAINED OR RECONNECTED TO EXISTING OR NEW PANELBOARD AS NECESSARY.
- H. TO MAINTAIN SERVICE OR TO EXTEND OR RECONNECT CIRCUITS WHERE CONDUIT CAN NOT BE CONCEALED, SURFACE METAL RACEWAY (WIREMOLD V700 SERIES) MAY BE USED WHERE ALLOWED BY ARCHITECT. VERIFY WITH ARCHITECT BEFORE INSTALLING.
- I. ELECTRICAL CONTRACTOR SHALL REVIEW ARCHITECTURAL DRAWINGS AND SITE CONDITIONS FOR DOOR SWINGS, CABINETS, COUNTERS AND OTHER BUILT-IN EQUIPMENT. CONDITIONS INDICATED ON ARCHITECTURAL DRAWING SHALL GOVERN.
- J. COORDINATE ELECTRICAL WITH ARCHITECTURAL DETAILS, FLOOR PLANS, ELEVATIONS, STRUCTURAL, MECHANICAL AND PLUMBING DRAWINGS. PROVIDE FITTINGS, JUNCTION BOXES AND ACCESSORIES TO MEET CONDITIONS. COORDINATE ROUTING OF ALL NEW FEEDERS WITH EXISTING SITE ELEMENTS. ALL FEEDERS SHALL BE CONCEALED EXCEPT IN MECHANICAL/ELECTRICAL SPACES WITH SURFACE MOUNTED PANELS.
- K. ENSURE ALL EXISTING TELEPHONE, DATA, TELEVISION, FIRE ALARM, DISTRESS CALL SYSTEM AND OTHER LOW VOLTAGE CABLING IS SECURED TO STRUCTURE AND PROTECTED FROM DAMAGE DURING DEMOLITION AND NEW CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL SYSTEMS IN WORKING ORDER. EXISTING SYSTEMS SHALL BE REMOVED FLOOR BY FLOOR AS RENOVATED WITH WALL RECONFIGURATION AND REPROGRAMMING DONE TO KEEP EXISTING SYSTEMS OPERABLE ON UPPER FLOORS UNTIL THE RENOVATION IS COMPLETE THROUGH TOP FLOOR. AFTERWARDS, ALL OLD SYSTEMS SHALL BE REMOVED. SEE ARCHITECTURAL FOR PHASING AND ALTERNATES.

## KEYED NOTES: (THIS SHEET ONLY)

- EXISTING ELEVATOR TO REMAIN. RE-FEED AS SHOWN AND NOTED.
- 2 ALL LIGHTING FIXTURES AND LIGHTING DEVICES IN AREA TO BE DEMOLISHED UNLESS NOTED OTHERWISE.
- NO DEMOLITION WORK IN AREA UNLESS NOTED OTHERWISE. EXISTING FIXTURES AND DEVICES TO BE CIRCUITED TO NEW PANELS ONCE ALL TEN FLOORS HAVE BEEN RENOVATED.
- RECEPTACLES, TELE/DATA/TV, DISTRESS CALL SYSTEM, AND FIRE ALARM IN AREA TO BE DEMOLISHED UNLESS NOTED OTHERWISE. EXISTING HVAC IN AREA TO ALSO BE DEMOLISHED. COORDINATE HVAC DEMOLITION WITH MECHANICAL. SEE GENERAL DEMOLITION NOTES.
- 5 EXISTING PANELS AND FEEDERS TO BE DEMOLISHED.
- EXISTING EQUIPMENT TO REMAIN UNTIL ALL TEN FLOORS HAVE BEEN FULLY RENOVATED AND ARE CONNECTED TO NEW SERVICE. MAINTAIN CONNECTIONS BETWEEN FLOORS THROUGHOUT RENOVATION PROCESS.



Cheatham Fletcher Scott

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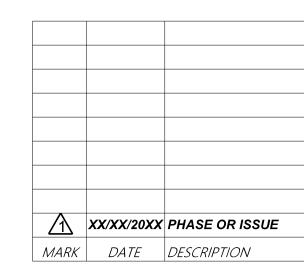
SEALS



## W.C. ERVIN TOWERS

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TYPICAL ELECTRICAL DEMOLITION PLAN - 3RD, 6TH, AND 9TH FLOORS



DATE: 1/10/2023

FILE: 20221006 ERVIN TOWERS

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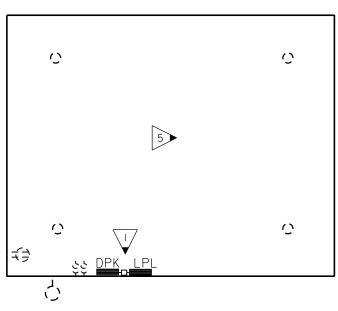
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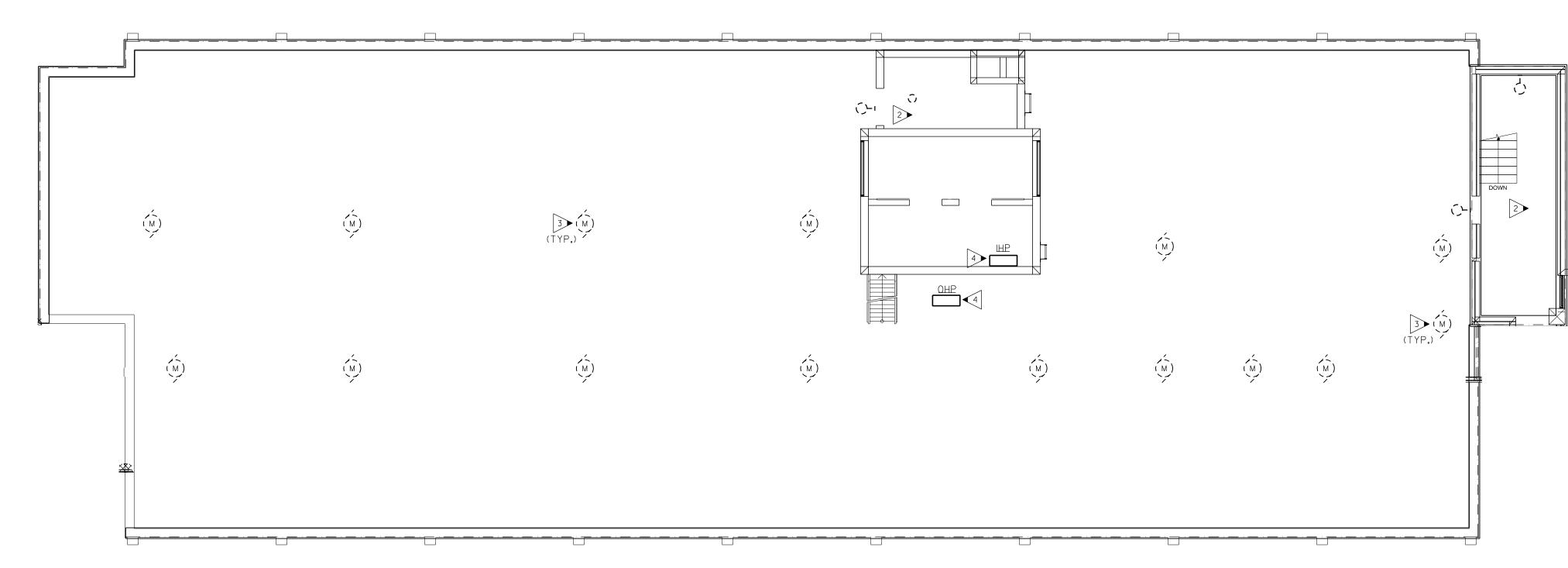
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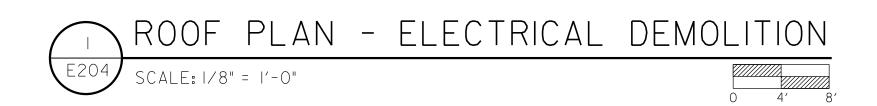
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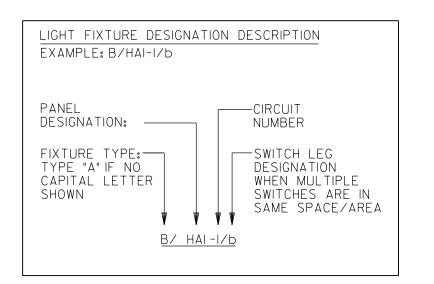
MACON, GA 31201 EDC\* M21054



# PENTHOUSE PLAN - ELECTRICAL DEMOLITION 2 PENTHOUSE PLAN - ELECTRICAL DEMOLITION







PROVIDE ALL BRANCH CIRCUIT CONDUIT/CONDUCTORS AS NECESSARY TO CONNECT ALL DEVICES SHOWN ON THE CIRCUIT. PROVIDE DEDICATED NEUTRALS FOR ALL CIRCUITS. (STRIPED NEUTRAL WITH PHASE COLOR STRIPING)

## KEYED NOTES: (THIS SHEET ONLY)

- EXISTING EQUIPMENT TO REMAIN UNTIL ALL TEN FLOORS HAVE BEEN FULLY RENOVATED AND ARE CONNECTED TO NEW SERVICE. MAINTAIN CONNECTIONS BETWEEN FLOORS THROUGHOUT RENOVATION PROCESS.
- NO DEMOLITION WORK IN AREA UNLESS NOTED OTHERWISE. EXISTING FIXTURES AND DEVICES TO BE CIRCUITED TO NEW PANELS ONCE ALL TEN FLOORS HAVE BEEN RENOVATED.
- 3 EXISTING EXHAUST FAN TO BE DEMOLISHED. COORDINATE DEMOLITION WITH MECHANICAL.
- EXISTING IHP AND OHP TO REMAIN FOR ELEVATOR MACHINE ROOM, VERIFY WITH MECHANICAL DRAWINGS, CIRCUIT EXISTING EQUIPMENT TO PANEL HPR. FIELD VERIFY POWER REQUIREMENTS OF EQUIPMENT PRIOR TO RECIRCUITING, ADJUST BREAKER SIZE AS NEEDED FOR EQUIPMENT.
- EXISTING FIXTURES AND RECEPTACLES IN ROOM TO BE DEMOLISHED ONCE RENOVATIONS BEGIN FOR ELEVATOR MACHINE ROOM.



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SEALS



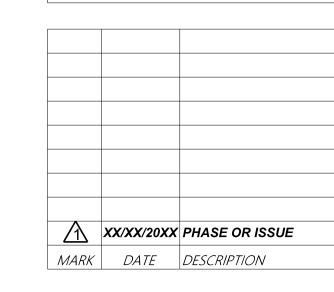
W.C. ERVIN TOWERS

## GENERAL DEMOLITION NOTES: (THIS SHEET ONLY)

- A. REMOVE EXISTING LIGHTS AND DISPOSE OF AS DIRECTED BY OWNER (EXCEPT LOCATIONS NOTED).
- B. PROVIDE BLANK COVERS ON ALL JUNCTION BOXES AND OUTLET BOXES NOT INTENDED FOR REUSE.
- C. EXISTING CEILINGS, WALLS, AND FLOORS DISTURBED OR DISFIGURED BY THE ELECTRICAL RENOVATION SHALL BE PATCHED, MENDED OR REPLACED BY TRADES ACTIVELY PARTICIPATING IN THIS TYPE OF WORK. RESPONSIBILITY FOR REPAIRS SHALL BE COORDINATED BETWEEN GENERAL CONTRACTOR AND ELECTRICAL SUBCONTRACTOR.
- D. ALL EXISTING EQUIPMENT REMOVED FROM SERVICE AND NOT INTENDED FOR REUSE SHALL REMAIN THE PROPERTY OF OWNER AND SHALL BE DISPOSED OF AS DIRECTED BY THE OWNER.
- E. MAINTAIN SERVICE TO ALL EXISTING CIRCUITS THAT ARE NOT SCHEDULED FOR REMOVAL AT THIS TIME. (SEE ARCHITECTURAL FOR PHASING AND ALTERNATES.)
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- G. EXISTING EQUIPMENT SHOWN ON ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS THAT WILL REMAIN SHALL HAVE SERVICE MAINTAINED OR RECONNECTED TO EXISTING OR NEW PANELBOARD AS NECESSARY.
- H. TO MAINTAIN SERVICE OR TO EXTEND OR RECONNECT CIRCUITS WHERE CONDUIT CAN NOT BE CONCEALED, SURFACE METAL RACEWAY (WIREMOLD V700 SERIES) MAY BE USED WHERE ALLOWED BY ARCHITECT. VERIFY WITH ARCHITECT BEFORE INSTALLING.
- I. ELECTRICAL CONTRACTOR SHALL REVIEW ARCHITECTURAL DRAWINGS AND SITE CONDITIONS FOR DOOR SWINGS, CABINETS, COUNTERS AND OTHER BUILT-IN EQUIPMENT. CONDITIONS INDICATED ON ARCHITECTURAL DRAWING SHALL GOVERN.
- J. COORDINATE ELECTRICAL WITH ARCHITECTURAL DETAILS, FLOOR PLANS, ELEVATIONS, STRUCTURAL, MECHANICAL AND PLUMBING DRAWINGS. PROVIDE FITTINGS, JUNCTION BOXES AND ACCESSORIES TO MEET CONDITIONS. COORDINATE ROUTING OF ALL NEW FEEDERS WITH EXISTING SITE ELEMENTS. ALL FEEDERS SHALL BE CONCEALED EXCEPT IN MECHANICAL/ELECTRICAL SPACES WITH SURFACE MOUNTED PANELS.

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ROOF PLAN -ELECTRICAL DEMOLITION



DATE: 1/10/2023
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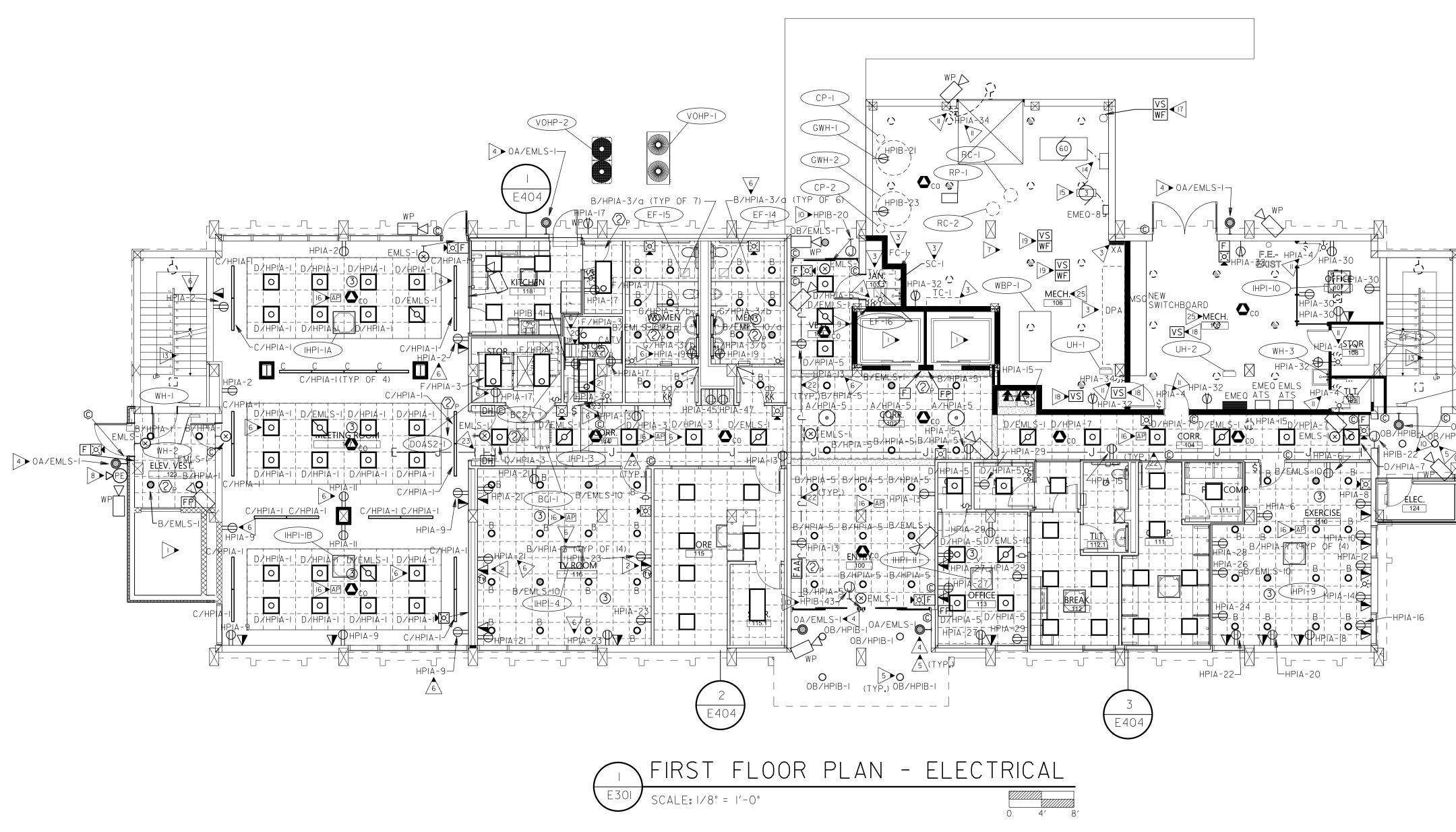
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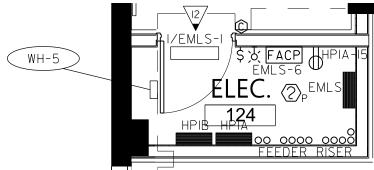
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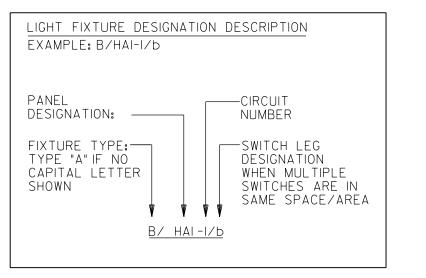
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PROVIDE ALL BRANCH CIRCUIT CONDUIT/CONDUCTORS AS NECESSARY TO CONNECT ALL DEVICES SHOWN ON THE CIRCUIT. PROVIDE DEDICATED NEUTRALS FOR ALL CIRCUITS. (STRIPED NEUTRAL WITH PHASE COLOR STRIPING)

## GENERAL NOTES (SHEETS E301, E302, E303, E304)

- A. THIS PLAN INDICATES AREAS TO BE CONTROLLED BY MOTION SENSORS. SINCE COVERAGES AND DEVICES VARY BETWEEN MANUFACTURERS IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO COORDINATE PROPER DEVICE LOCATION, ORIENTATION AND QUANTITIES WITH THE MANUFACTURER OF THE SYSTEM BEING INSTALLED TO MEET THE SPECIFIED CRITERIA.
- B. SEE 2/E601AND 3/E601FOR EMERGENCY LIGHTING CONTROL RELAY DETAILS. RELAYS TO BE USED TO ALLOW FOR SWITCHED CONTROL OF FIXTURES CONNECTED TO EMERGENCY LIGHTING CIRCUIT.
- C. THERE ARE NO SWITCHPACKS SHOWN ON THIS PLAN. PROVIDE SWITCHPACKS AS REQUIRED WITH SENSORS. SWITCHPACKS ARE TO BE RATED AT 20A. PROVIDE ONE SWITCHPACK PER 20A LIGHTING CIRCUIT OR PER INDIVIDUAL AREA BEING CONTROLLED.
- D. CEILING SENSORS ARE TO BE MOUNTED AWAY FROM ANY STRONG AIRFLOW. COORDINATE LOCATION OF SENSOR WITH MECHANICAL AND LIGHTING PLANS.
- E. ALL SENSORS SHALL BE CEILING MOUNTED EXCEPT WHERE CEILING HEIGHTS EXCEED 15 FT.-O IN. PROVIDE SENSOR WITH ADAPTOR PLATE FOR JUNCTION BOX MOUNTING (JUNCTION BOX SHALL BE CONCEALED ABOVE ACCESSIBLE CEILING) JUNCTION BOX SHALL BE SUPPORTED FROM STRUCTURE UTILIZING A 3/8 IN. THREADED ROD. WHERE CEILING HEIGHTS EXCEED 15 FT.-O IN. WALL MOUNT SENSORS AT 12 FT.-O IN.
- F. PROVIDE UNSWITCHED HOT CONDUCTOR TO ALL EMERGENCY AND EXIT LIGHTS.
- G. ALL CONDUIT PENETRATING FIRE RATED WALL SHALL BE CAULKED WITH U.L. LISTED FIRE SEALANT.
- H. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL ELECTRICAL WORK REQUIREMENTS.
- I. REPLACE ALL EXISTING SWITCHES AND FACEPLATES WITH NEW SWITCHES/DIMMERS AND FACEPLATES AS SHOWN.
- J. PROVIDE ALL ADDITIONAL BRANCH CIRCUITRY FOR OCCUPANCY SENSORS
- K. ALL CORRIDOR EGRESS FIXTURES TO BE UNSWITCHED ON EMERGENCY CIRCUITS WITH EXIT LIGHTS.
- L. PROVIDE IIN. C. FROM INDICATED ACCESS CONTROL BOXES TO OFFICE 113. COORDINATE EXACT STUB OUT LOCATION WITH OWNER PRIOR TO
- M. (NOT SHOWN) REFEED EXISTING TRASH COMPACTOR FROM NEW SWITCHGEAR. PROVIDE 100A/3P BREAKER IN SWITCHGEAR. 4\*2, \*6G., 11/2 IN. C. FIELD VERIFY EXACT POWER REQUIREMENTS AND ADJUST CIRCUIT SIZE AS REQUIRED BY 2020 NEC PRIOR TO ROUGH-IN. FIELD COORDINATE EXACT LOCATION OF TRASH COMPACTOR.

## KEYED NOTES: (THIS SHEET ONLY)

- > SEE ELEVATOR WIRING DETAIL, 1/E601.
- PROVIDE RECESSED TELEVISION BACK BOX WITH TV, RECEPTACLE, AND DATA OUTLET. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH OWNER/ARCHITECT.
- EXISTING EQUIPMENT TO REMAIN UNTIL ALL TEN FLOORS HAVE BEEN FULLY RENOVATED AND ARE POWERED BY NEW SERVICE. MAINTAIN CONNECTIONS BETWEEN FLOORS THROUGHOUT RENOVATION PROCESS.
- 4 COORDINATE MOUNTING HEIGHT WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN.
- ROUTE VIA 12 POLE EXTERIOR LIGHTING CONTACTOR/TIMECLOCK LOCATED ADJACENT TO PANEL HPIB. PHOTO CELL SHALL CONTROL DUSK TILL DAWN OPERATION. TIMECLOCK SHALL BE 365 DAY, 7 YEAR, DIGITAL PROGRAMMABLE WITH 20A RATED CONTACTS. #10'S ENTIRE CIRCUIT. PROVIDE OVERRIDE SWITCH ADJACENT TO TIMECLOCK.
- 6 #IO'S ENTIRE CIRCUIT IN 3/4 IN. C.
- EXISTING LIGHTS IN AREA TO REMAIN. MAINTAIN CONNECTIONS BETWEEN FIXTURES AND SWITCH. SWITCH TO BE CONNECTED TO NEW BRANCH CIRCUITRY
- 8 LOCATE P.E. CELL FACING NORTH, CLEAR OF MAN MADE SOURCES. J-BOX TO HOUSE P.E. CELL SHALL BE RECESSED MOUNTED WITH STAINLESS STEEL COVER.
- 9> WALL SWITCH FOR EXHAUST FAN CONTROL.
- POWER TO SERVE AUTOMATIC SLIDING DOORS. WIRE PER MANUFACTURERS RECOMMENDATION.
- EXISTING SWITCH LOCATION TO HAVE NEW DEVICE AND FACEPLATE. THE NEW SWITCH SHALL BE CONNECTED TO THE NEW CIRCUIT SHOWN.
- WALL MOUNT FIXTURE ABOVE THE DOOR FRAME. BOTTOM OF FIXTURE AT
- EAST STAIRCASE LIGHTS TO BE CIRCUITED TO EMLS-3. WEST STAIRCASE LIGHTS
- TO BE CIRCUITED TO EMLS-5.

  14 NEW 60 HP FIRE PUMP. REFER TO NEW POWER RISER DIAGRAM, 1/E502. (REPLACING)
- NEW 3 HP JOCKEY PUMP. COORDINATE EXACT LOCATION WITH PLUMBING. (REPLACING EXISTING FIRE PUMP.)
- COORDINATE EXACT LOCATION OF WIRELESS ACCESS POINT WITH OWNER.
- COORDINATE LOCATIONS AND QUANTITIES OF FIRE SPRINKLER TAMPER AND FLOW SWITCHES FOR EXISTING FIRE RISER.
- PROVIDE TAMPER SWITCH FOR NEW VALVE IN THIS AREA. FIELD COORDINATE EXACT LOCATION WITH PLUMBING.
- PROVIDE FLOW AND TAMPER SWITCH FOR NEW FLOOR CONTROL VALVE FOR IST FLOOR, FIELD COORDINATE WITH PLUMBING.
- 20 MDF WALL MOUNTED RACK.

EXISTING FIRE PUMP.)

- SEE OVERHEAD LADDER RACKING (CABLE RUNWAY) MDF, 2/E602. MOUNT RACKING AT A MINIMUM OF 84 IN. A.F.F. CONNECTED TO THE TOP OF THE RACK. VERTICAL CABLE RACKING SHALL BE INSTALLED ON THE WALLS ABOVE AND/OR BELOW SLEEVES (UTILIZED TO SUPPORT VERTICAL RISER BACKBONE CABLING). SEE DETAIL FOR MORE INFORMATION.
- SEE WIRE MANAGEMENT NOTES ON E602.
- PROVIDE MINIMUM (2) 4 IN. CONDUIT SLEEVES THRU WALL. COORDINATE EXACT NUMBER OF CONDUIT SLEEVES REQUIRED WITH QUANTITY OF CABLES BEING INSTALLED.
- 24 CCTV SYSTEM EQUIPMENT RACK. SEE SPECIFICATIONS FOR MORE INFORMATION.
- CIRCUIT EXISTING NORMAL POWERED LIGHT FIXTURES (2) IN SPACE TO HPIA-44.

  CIRCUIT EXISTING EMERGENCY POWERED LIGHT FIXTURES (2) IN SPACE TO EMLS-12.

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SEALS



## W.C. ERVIN TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

FIRST FLOOR PLAN -ELECTRICAL

<u> </u>	7	XX/XX/20XX	PHASE OR ISSUE
MAI	RK	DATE	DESCRIPTION

DATE: 1/10/2023
FILE: 20221006 ERVIN TOWERS

DRAWN BY: TW CHK'D BY: JM



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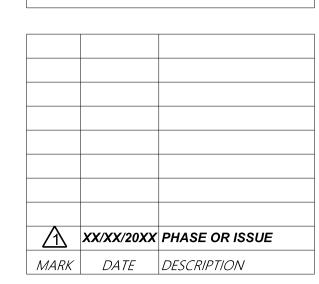
SEALS



## W.C. ERVIN **TOWERS**

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

TYPICAL FLOOR PLAN - 2ND, 4TH, 5TH, 7TH, 8TH, AND 10TH -ELECTRICAL



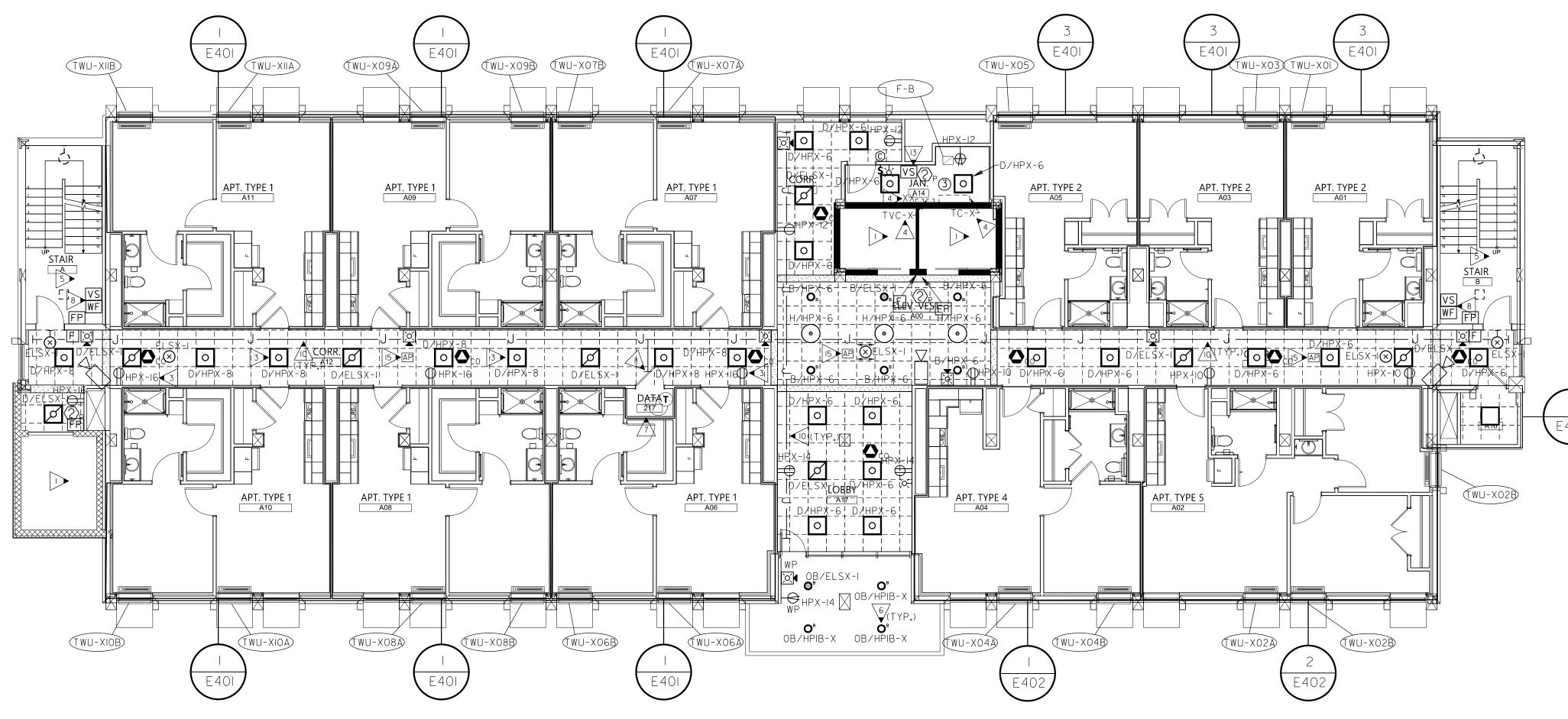
DATE: 1/10/2023 FILE: 20221006 ERVIN TOWERS

DRAWN BY: TW CHK'D BY: JM

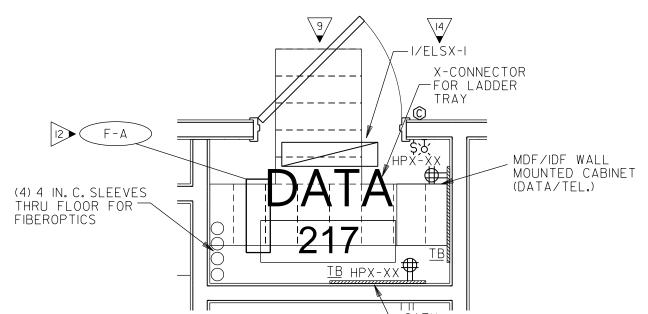
E302



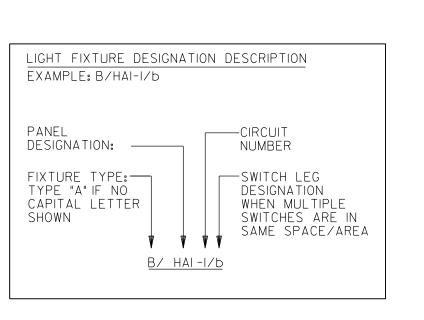
- SEE ELEVATOR WIRING DETAIL, 1/E601.
- REFER TO SHEET E403 FOR LARGE SCALE ELECTRICAL ROOM PLANS.
- 3 #10'S ENTIRE CIRCUIT IN 3/4 IN. C.
- EXISTING EQUIPMENT TO REMAIN UNTIL ALL TEN FLOORS HAVE BEEN FULLY RENOVATED AND ARE CONNECTED TO NEW SERVICE. MAINTAIN CONNECTIONS BETWEEN FLOORS THROUGHOUT RENOVATION PROCESS.
- 5 EAST STAIRCASE LIGHTS TO BE CIRCUITED TO EMLS-3. WEST STAIRCASE LIGHTS TO BE CIRCUITED TO EMLS-5.
- ROUTE VIA 12 POLE EXTERIOR LIGHTING CONTACTOR/TIMECLOCK LOCATED ADJACENT TO PANEL HPIB. PHOTO CELL SHALL CONTROL DUSK TILL DAWN OPERATION. TIMECLOCK SHALL BE 365 DAY, 7 YEAR, DIGITAL PROGRAMMABLE WITH 20A RATED CONTACTS. #10'S ENTIRE CIRCUIT. PROVIDE OVERRIDE SWITCH ADJACENT TO TIMECLOCK. REFER TO HPIB PANEL SCHEDULE TO DETERMINE CIRCUIT NUMBER FOR LIGHTS BASED ON FLOOR SERVED.
- 7> REFER TO 2/E302 FOR TYPICAL DATA CLOSET PLANS.
- 8 PROVIDE FLOW AND TAMPER SWITCH FOR NEW STAIRWELL FLOOR CONTROL VALVE. COORDINATE WITH PLUMBING.
- 9 SEE OVERHEAD LADDER RACKING (CABLE RUNWAY) MDF, 2/E602. MOUNT RACKING AT A MINIMUM OF 84 IN. A.F.F. CONNECTED TO THE TOP OF THE RACK. VERTICAL CABLE RACKING SHALL BE INSTALLED ON THE WALLS ABOVE AND/OR BELOW SLEEVES (UTILIZED TO SUPPORT VERTICAL RISER BACKBONE CABLING). SEE DETAIL FOR MORE INFORMATION.
- SEE WIRE MANAGEMENT NOTES ON E602.
- PROVIDE (2) 4 IN. CONDUIT SLEEVES THRU WALL. COORDINATE EXACT NUMBER OF CONDUIT SLEEVES REQUIRED WITH QUANTITY OF CABLES BEING INSTALLED.
- FIELD COORDINATE EXACT LOCATION OF UNIT AND CONTROL WITH MECHANICAL.
- PROVIDE TAMPER SWITCH AT EACH FLOOR. COORDINATE WITH FIRE PROTECTION.
- WALL MOUNT FIXTURE ABOVE THE DOOR FRAME. BOTTOM OF FIXTURE AT 7'-6" A.F.F. 15 COORDINATE EXACT LOCATION OF WIRELESS ACCESS POINT WITH OWNER.



TYPICAL FLOOR PLAN - 2ND,4TH,5TH,7TH,8TH,AND IOTH - ELECTRICAL SCALE: 1/8" = 1'-0"

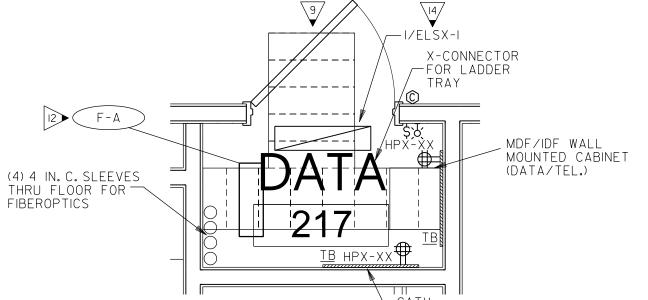


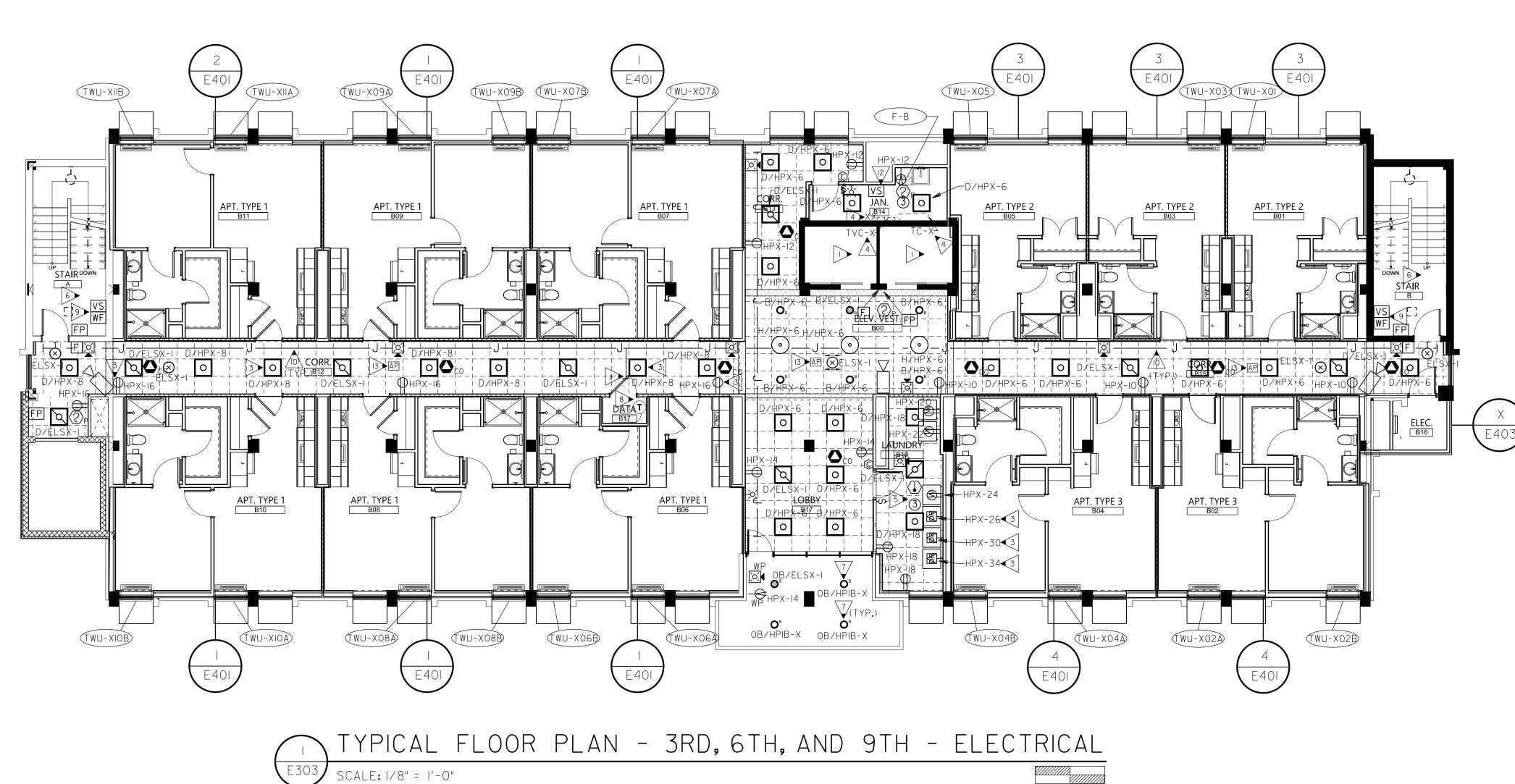
YPICAL DATA CLOSET LARGE SCALE - ELECTRICAL SCALE: 1/2" = 1'-0"



PROVIDE ALL BRANCH CIRCUIT CONDUIT/CONDUCTORS AS NECESSARY TO CONNECT ALL DEVICES SHOWN ON THE CIRCUIT. PROVIDE DEDICATED NEUTRALS FOR ALL CIRCUITS. (STRIPED NEUTRAL WITH PHASE COLOR STRIPING)

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- EXISTING ELEVATOR TO REMAIN.
- 2> REFER TO SHEET E403 FOR LARGE SCALE ELECTRICAL ROOM PLANS.
- #IO'S ENTIRE CIRCUIT IN 3/4 IN. C.
- EXISTING EQUIPMENT TO REMAIN UNTIL ALL TEN FLOORS HAVE BEEN FULLY RENOVATED AND ARE CONNECTED TO NEW SERVICE. MAINTAIN CONNECTIONS BETWEEN FLOORS THROUGHOUT RENOVATION PROCESS.
- COORDINATE EXACT LOCATION AND QUANTITY OF RECEPTACLES FOR WASHERS AND DRYERS IN THIS AREA WITH OWNER PRIOR TO ROUGH-IN.
- EAST STAIRCASE LIGHTS TO BE CIRCUITED TO EMLS-3. WEST STAIRCASE LIGHTS TO BE CIRCUITED TO EMLS-5.
- ROUTE VIA 12 POLE EXTERIOR LIGHTING CONTACTOR/TIMECLOCK LOCATED ADJACENT TO PANEL HPIB. PHOTO CELL SHALL CONTROL DUSK TILL DAWN OPERATION. TIMECLOCK SHALL BE 365 DAY, 7 YEAR, DIGITAL PROGRAMMABLE WITH 20A RATED CONTACTS. #10'S ENTIRE CIRCUIT. PROVIDE OVERRIDE SWITCH ADJACENT TO TIMECLOCK. REFER TO HPIB PANEL SCHEDULE TO DETERMINE CIRCUIT NUMBER FOR LIGHTS BASED ON FLOOR SERVED.
- 8 REFER TO 2/E302 FOR TYPICAL DATA CLOSET PLANS.
- PROVIDE FLOW AND TAMPER SWITCH FOR NEW STAIRWELL FLOOR CONTROL VALVE. COORDINATE WITH PLUMBING.
- SEE WIRE MANAGEMENT NOTES ON E602.
- PROVIDE (2) 4 IN. CONDUIT SLEEVES THRU WALL. COORDINATE EXACT NUMBER OF CONDUIT SLEEVES REQUIRED WITH QUANTITY OF CABLES BEING INSTALLED.
- PROVIDE TAMPER SWITCH AT EACH FLOOR. COORDINATE WITH FIRE PROTECTION.
- COORDINATE EXACT LOCATION OF WIRELESS ACCESS POINT WITH OWNER.



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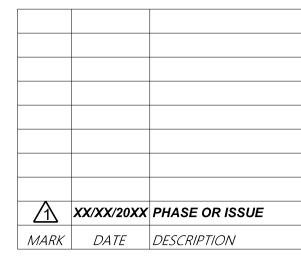
SEALS



## W.C. ERVIN TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

TYPICAL FLOOR PLAN - 3RD, 6TH, AND 9TH -ELECTRICAL



DATE: 1/10/2023

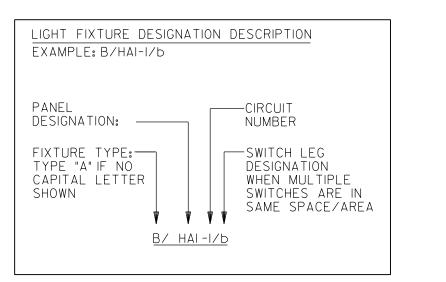
FILE: 20221006 ERVIN TOWERS

DRAWN BY: TW

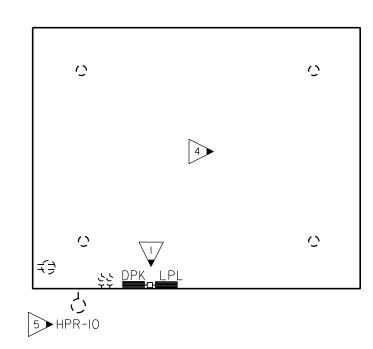
E303

CHK'D BY: JM

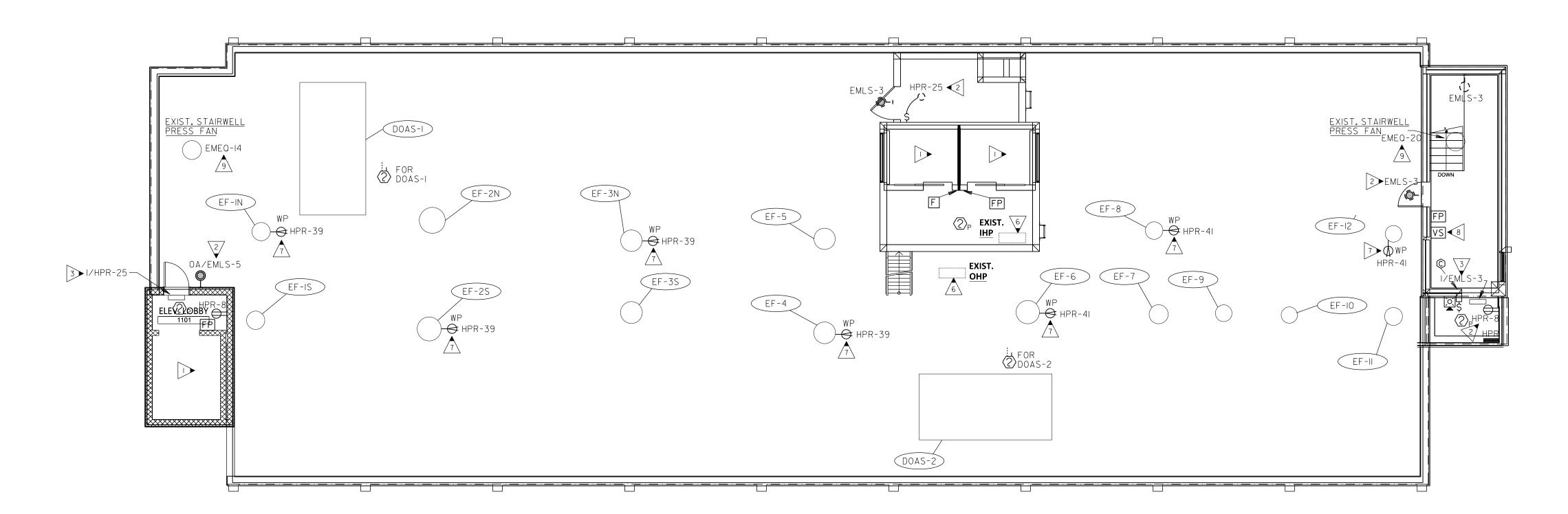
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PROVIDE ALL BRANCH CIRCUIT CONDUIT/CONDUCTORS AS NECESSARY TO CONNECT ALL DEVICES SHOWN ON THE CIRCUIT. PROVIDE DEDICATED NEUTRALS FOR ALL CIRCUITS. (STRIPED NEUTRAL WITH PHASE COLOR STRIPING)



# PENTHOUSE PLAN - ELECTRICAL SCALE: NTS



## KEYED NOTES: (THIS SHEET ONLY)

- EXISTING EQUIPMENT TO REMAIN UNTIL ALL TEN FLOORS HAVE BEEN FULLY RENOVATED AND ARE CONNECTED TO NEW SERVICE. MAINTAIN CONNECTIONS BETWEEN FLOORS THROUGHOUT RENOVATION PROCESS.
- 2 #10'S ENTIRE CIRCUIT.
- WALL MOUNT FIXTURE ABOVE THE DOOR FRAME. BOTTOM OF FIXTURE AT
- REFER TO ELEVATOR WIRING DETAIL, 1/E601FOR NEW ELEVATOR MACHINE ROOM WORK. EXISTING TO REMAIN UNTIL RENOVATION BEGINS FOR ELEVATOR MACHINE ROOM.
- ROUTE VIA 2 POLE EXTERIOR LIGHTING TIMECLOCK LOCATED ADJACENT PANEL HPR. TIMECLOCK SHALL BE 365 DAY, 7 YEAR, DIGITAL PROGRAMMABLE WITH 20A RATED CONTACTS. PROVIDE OVERRIDE SWITCH ADJACENT TO TIMECLOCK.
- EXISTING IHP AND OHP TO BE RECIRCUITED TO PANEL HPR. FIELD VERIFY POWER REQUIREMENTS OF EQUIPMENT PRIOR TO RECIRCUITING. ADJUST BREAKER SIZE AS NEEDED FOR EQUIPMENT.
- ROUTE FEEDER FOR FAN THRU CURB PROVIDED FOR UNIT CLEAR OF ANY DAMPERS OR CONTROLS.
- 8 PROVIDE TAMPER SWITCH FOR EXISTING VALVE. COORDINATE WITH FIRE PROTECTION.
- REFEED EXISTING STAIRWELL PRESS FAN FROM NEW EMERGENCY EQUIPMENT PANEL (EMEQ). PROVIDE 60A/3P BREAKER IN PANEL. 4#6, #8G., IIN. C. FIELD VERIFY EXACT POWER REQUIREMENTS AND ADJUST CIRCUIT SIZE AS REQUIRED BY 2020 NEC PRIOR TO ROUGH-IN.



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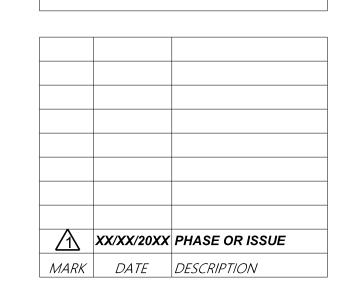
SEALS



## W.C. ERVIN TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

ROOF PLAN -ELECTRICAL



DATE: 1/10/2023
FILE: 20221006 ERVIN TOWERS

DRAWN BY: TW CHK'D BY: JM

E304



PANEL
DESIGNATION:

PANEL
DESIGNATION:

FIXTURE TYPE:
TYPE "A" IF NO
CAPITAL LETTER
SHOWN

CAPITAL LETTER

B/ HAI-I/b

CIRCUIT
NUMBER

SWITCH LEG
DESIGNATION
WHEN MULTIPLE
SWITCHES ARE IN
SAME SPACE/AREA

PROVIDE ALL BRANCH CIRCUIT CONDUIT/CONDUCTORS AS NECESSARY TO CONNECT ALL DEVICES SHOWN ON THE CIRCUIT. PROVIDE DEDICATED NEUTRALS FOR ALL CIRCUITS. (STRIPED NEUTRAL WITH PHASE COLOR STRIPING)

LIGHTNING PROTECTION SYSTEM:

ADD 12 ADDITIONAL AIR TERMINALS AND 300 FT OF BONDING CABLING TO EXISTING LIGHTINING PROTECTION SYSTEM PLACED IN ORDER TO MAINTAIN UL MASTER LABEL PER NFPA 780. MATCH EXISTING AIR TERMINALS, CABLING, AND BONDING DEVICES. COVER NEW BUILDING ADDITIONS AND NEW EQUIPMENT ON ROOF. FIELD VERIFY EXISTING CONDITIONS.

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#### ERRCS SYSTEM:

#### A. GENERAL:

1. Code: 2012 International Fire Code (IFC) Section 510 Requirements for New Construction (CLASS A SYSTEM REQUIRED).

2. This facility must meet the requirements of the 2012 International Fire Code, section 510, EMERGENCY RESPONDER RADIO COVERAGE (ERRC). The emergency responder radio coverage required by this code must be installed, tested, and operational prior to occupancy of the structure. Design, installation, and testing of the emergency responder radio coverage system is required prior to acceptance.

#### B. SCOPE OF WORK:

#### 1. Testing - Needs Assessment

- A. The contractor shall provide a complete operable U.L. Listed Class A emergency responder radio communication system (ERRCS) for this entire facility. The system shall be IFC 510 compliant in addition to NFPA, ICC, IBC, Firstnet and other applicable codes and ordinances. All conductors and cabling for this system shall be in conduit systems per the specifications. Submit a complete layout of the system with all devices and control equipment shown for owner/architect/engineer review with submittal data for the system. A system of conduits and outlets has been provided as shown on plan. Provided any and all additional infrastructure as required. Provide 20A/IP breaker in the nearest electrical panel to serve the main control unit. Provide a 20 AMP rated, 24-hour portable U.P.S. unit for the ERRCS head end equipment. Coordinate all roof penetrations with architect and roofing contractor prior to any rough-in on the roof. See sheet E401. The contractor is responsible for all testing and ERRC system engineering.
- B. Initial signal strength testing must be completed prior to the approval of site plans for new buildings and building additions.
- Field testing for signal strength certification will not be conducted prior to the building envelope being complete and all doors, windows and exterior openings closed. In buildings with significant internal signal impairments like rack storage of metal parts, interior room enclosures that contain wire mesh security screens, or other interior or exterior features, etc.; all internal construction must be complete prior to final testing for signal strength.
- D. Testing will be performed in accordance with IFC 510 using the 20-test cell (per floor) criteria for initial testing. For floors 32,000 sq. ft. or more, each floor of the building shall be divided into grids of approximately 40 ft. by 40 ft.
- All critical areas defined in NFPA 72-chapter 24.5.2.2.1 shall be tested individually and shall not be counted towards the 20-test cell count.
- Testing results will be certificate by testing contractor and forwarded to the FMO. A copy shall be left on site with approved plans.
- Authorization to operate on frequencies licensed to P25-PSRS must be obtained from the Radio System Manager or local contact. Note: FCC Part 90.219 (b)(l)(i)-non-licensees seeking to operate signal boosters must obtain the express consent of the licensee(s) of the frequencies for which the device or system is intended to amplify. The consent must be maintained in a recordable format that can be presented to an FCC representative or other relevant licensee investigating interference. Consent may be withdrawn by P25-

#### C. ERRCS PLAN DESIGN:

- 1. Design Considerations All proposed ERRCS system shall be designed in accordance with IFC section 510, good engineering practices and applicable regulations of the Federal Communications Commission.
- 2. Plans must be reviewed and approved by the FMO prior to installation or modification of an ERRCS system. Plans shall be electronically submitted f or review through www.eplansolution.com. After plan approval by the FMO, the appropriate permit will be issued
- 3. Permits will be issued based on a review of engineering plans. A design professional seal is not
- required. Plans shall detail the following: a) Site map showing location of target building and closest donor site antenna
- Statement of work and scope describing the system design

PSRS for any reason with notice to the property owner.

- c) Location(s) of all head end equipment and radio transmitters (BDA's) d) Locations of all "critical areas" as defined in NFPA 72,24.5.2.2.1 with anticipated signal
- levels (-95dBm required)
- e) Signal line schematic drawing of antenna lines and data lines f) Type and location of NEMA 4 enclosures
- g) Battery calculations to show 24 hours capacity at 100% transmit duty cycle
- h) Floor plan showing distributed antenna system (DAS) antennas and the anticipated signal level in each test grid square, see number 4 above also
- i) System component specification documents including coax cable(s) and data fiver optic components, all transmitters shall be FCC Type Accepted, provide documentation
- System monitoring shall include:
- i. Monitoring equipment and identification of monitoring station
- ii. Malfunction of the BDA Loss of primary power or related electronic systems
- iii. Antennas and passive filters are exempt from monitoring iv. ERRCS system is to be monitored by FACP
- k) Detailed acceptance procedures including all provisions of IFC 510.5.3-talk in and talk out signal levels must be included for each zone and critical area.

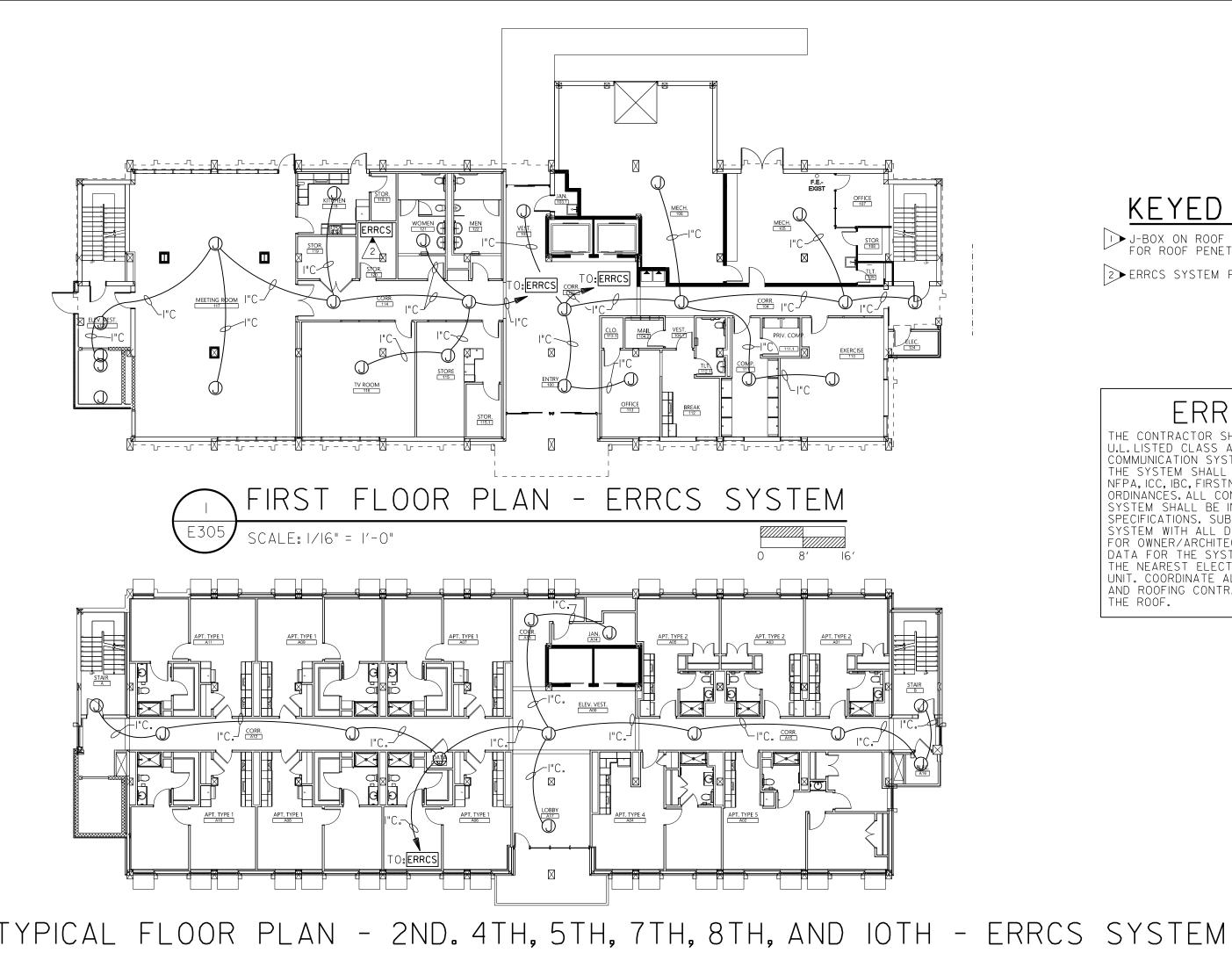
#### Location of document box – shall be co-located with head end equipment

- Documents to be included in the document box include;
  - a) System design diagrams
  - b) Acceptance testing documents
  - Identification of persons/company installing the system
  - d) Identification of the system monitoring company with phone contact
  - e) Test results for the preceding three years of annual test and inspection, refer to 510.6.1
- f) FCC 90.219-FCC Letter of consent from p25-PSRS.
- m) Dual use antenna systems (Permitted on a case-by-case review basis) Show the schematic layout of the head end equipment and the interconnect
  - filtering that will prevent co-system interference.
- Filters must be enclosed in a locked NEMA 4 cabinet. iii. Cellular system components that cannot create interference with the public safety
- radio system do not need to be enclosed in NEMA rated cabinets.

#### D. ACCEPTANCE TESTING AND COMMISSIONING:

1. System must be inspected by personnel from the FMO or approved third party inspection services. Acceptance criteria shall be specified in the plan submittal documents and shall clearly demonstrate the ability of the system to perform in the event of an emergency. The testing shall be conducted both on primary and secondary power sources. A certificate of commissioning shall be completed by an approved contractor and signed by the building owner's representative An operations and maintenance manual shall be provided to the building owner as part of the commission. Refer to IFC 510.5.3. for additional details.

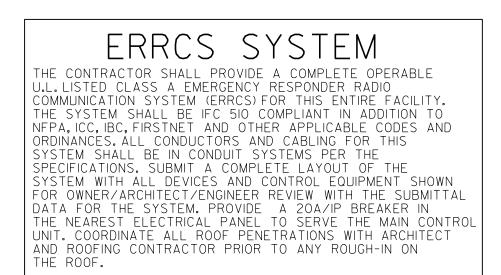
1. All system and components shall be tested annually in accordance with IFC 510.6. A system test and inspection report shall be maintained on site for inspection by the fire marshal's office. A tag shall be placed on the head end cabinet indicating the date of the last test and the results of the test. All test reports shall be submitted to the FMO within an expeditious manner. Any system that fails annual testing should be reported to the FMO within 48 hours of testing. Should a system fail to provide adequate signal, cause interference, or fail to perform as originally installed, the Fire Marshal is authorized to order the testing of the system and repair to original installation standards or the current adopted edition of the standard. The Fire Marshal is authorized to order that cellular signal boosting systems that interfere with the public safety radio system be tested or disconnected pending testing in order to eliminate interference.



SCALE: 1/16" = 1'-0"

KEYED NOTES: (THIS SHEET ONLY)

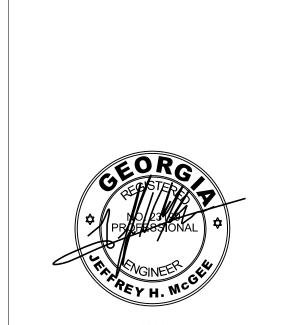
J-BOX ON ROOF FOR ERRCS SYSTEM ANTENNA. SEE ARCHITECTURAL FOR ROOF PENETRATION FLASHING. 2 ERRCS SYSTEM PANEL LOCATION.





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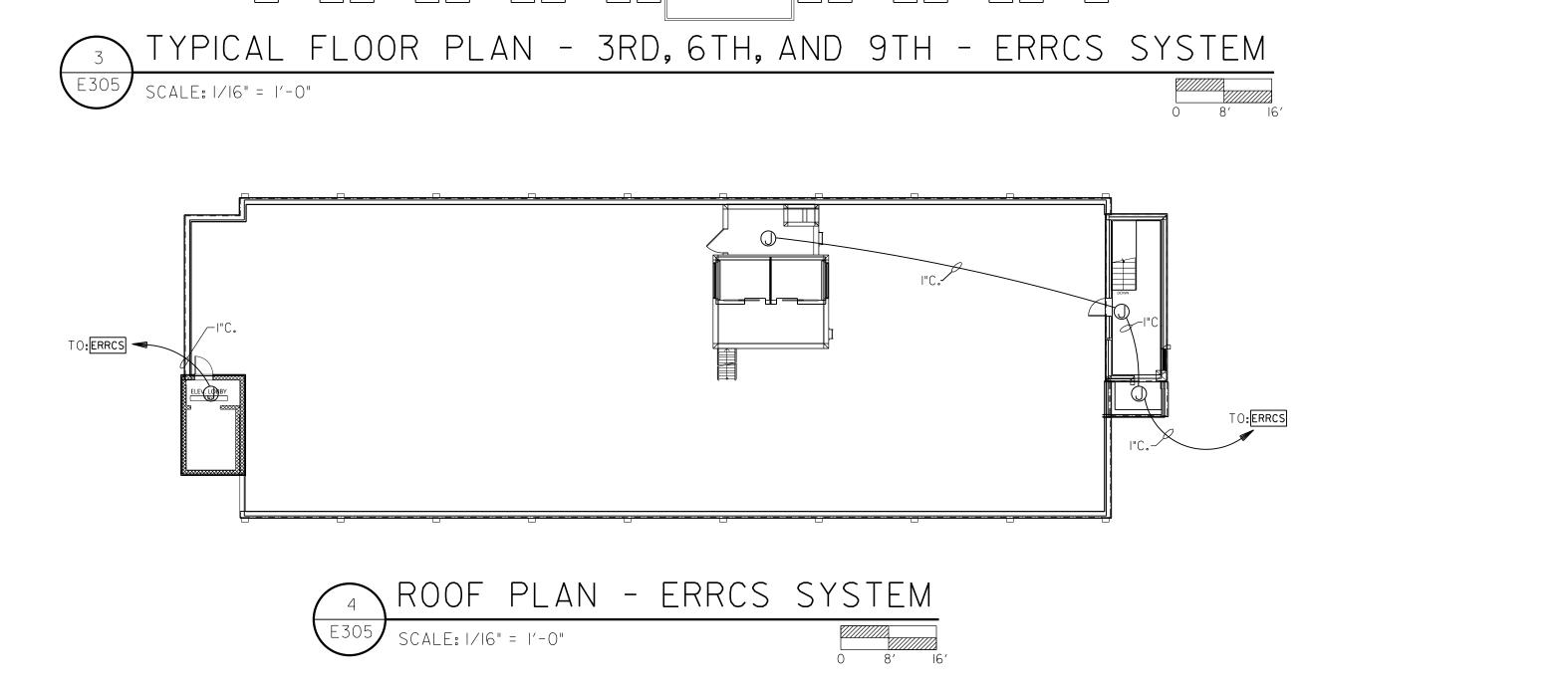
SEALS

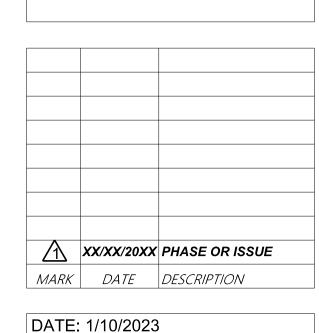


PROJECT TITLE W.C. ERVIN **TOWERS** 

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

**ERCCS SYSTEM** 

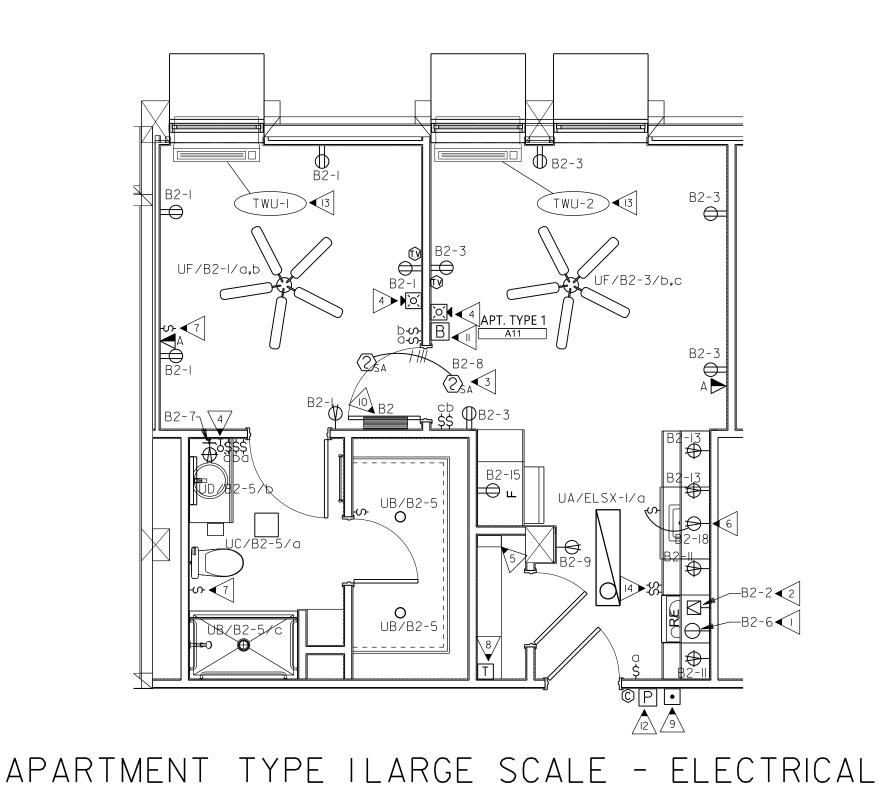




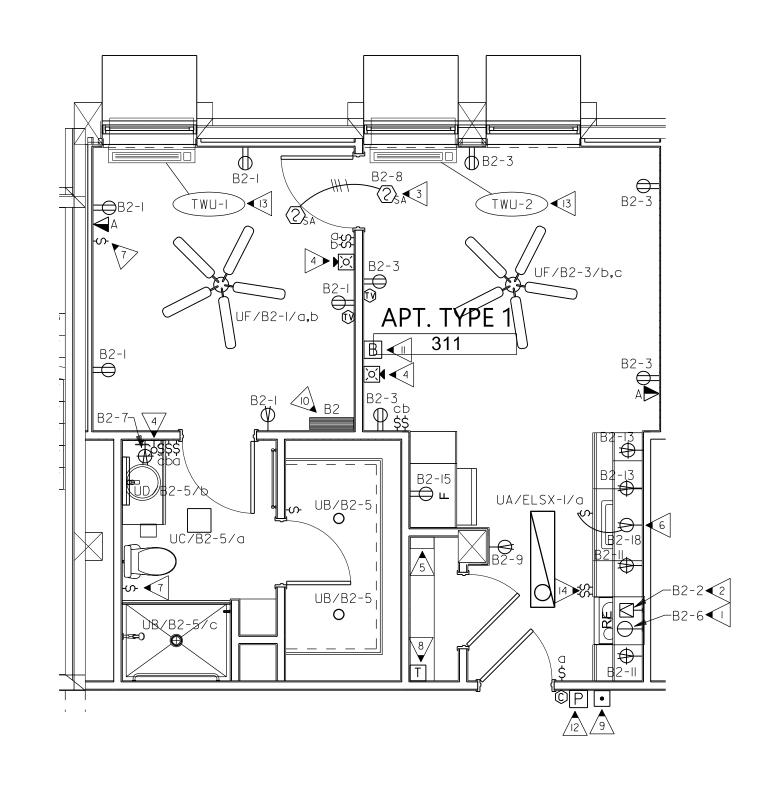
FILE: 20221006 ERVIN TOWERS DRAWN BY: TW CHK'D BY: JM

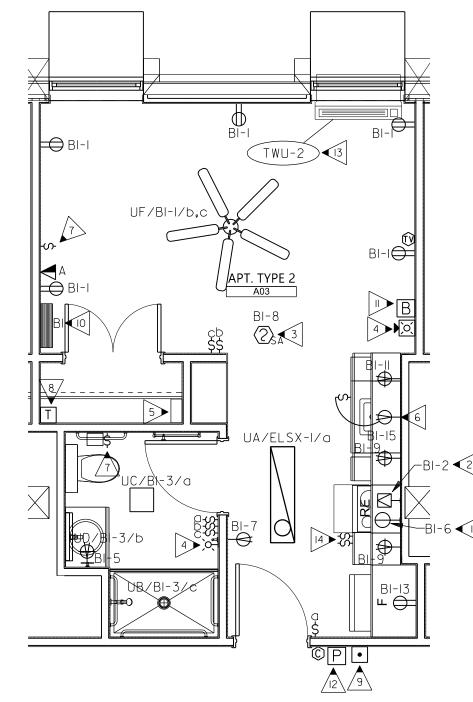
E305

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SCALE: 1/4" = 1'-0"









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SEALS

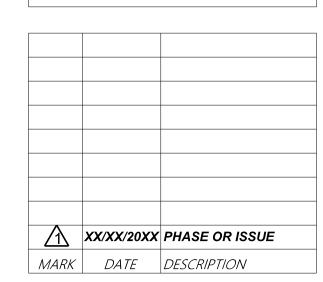


W.C. ERVIN TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA

30901

LARGE SCALE UNIT PLANS -ELECTRICAL



DATE: 1/10/2023
FILE: 20221006 ERVIN TOWERS

DRAWN BY: TW CHK'D BY: JM

E401

**ELECTRICAL DESIGN** 

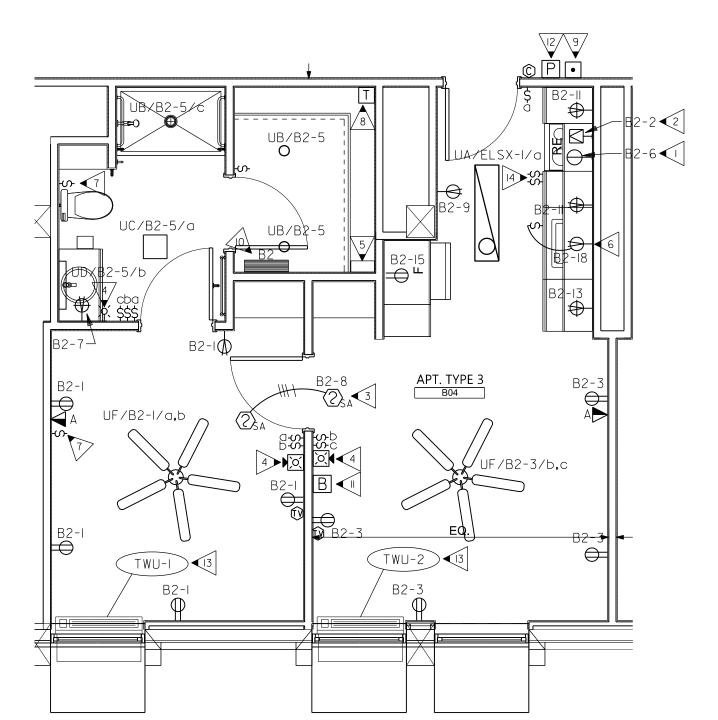
175 NEW ST.,STE.1

MACON, GA 31201

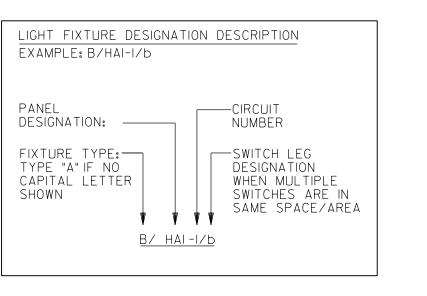
EDC\* M21054

APARTMENT TYPE IB LARGE SCALE - ELECTRICAL

SCALE: 1/4" = 1'-0"







PROVIDE ALL BRANCH CIRCUIT CONDUIT/CONDUCTORS AS NECESSARY TO CONNECT ALL DEVICES SHOWN ON THE CIRCUIT. PROVIDE DEDICATED NEUTRALS FOR ALL CIRCUITS. (STRIPED NEUTRAL WITH PHASE COLOR STRIPING)

## KEYED NOTES: (THIS SHEET ONLY)

- OUTLET FOR CONNECTION TO RANGE HOOD "RH-A". COORDINATE EXACT LOCATION WITH ARCHITECTURAL CASEWORK DRAWINGS.
- 2 3#6, #IOG., 3/4 IN.C.
- 3 LABEL FIRE ALARM BREAKER IN ACCORDANCE TO 2020 NEC.
- 4 PROVIDE DEVICE IN ALL UNITS.
- PROVIDE A LEGRAND "ON-Q" I4IN. X 30IN. X 5IN. FLUSH BOX WITH HINGED LOCKABLE DOOR FOR TELEPHONE AND CATV CABLES TO BE ROUTED TO EACH UNIT. PROVIDE A LEGRAND 6 WAY VIDEO MODULE AND A 6 LOCATION TELEPHONE MODULE. MAKE ALL INTERNAL CONNECTIONS AS REQUIRED. ROUTE (2) 2 IN.C. FROM I4 IN. FLUSH BOX TO IDF ROOM.
- GFCIRECEPTACLE SHALL BE LOCATED BELOW COUNTER TO SERVE DISPOSAL UNIT. RECEPTACLE SHALL BE CONTROLLED BY TOGGLE SWITCH LOCATED IN CABINET FRONT BELOW SINK. COORDINATE EXACT LOCATION WITH ARCHITECTURAL.
- PROVIDE SWITCH WITH PULL CORD (ALPHA COMMUNICATIONS SFII7/2A) IN UNITS. CORD SHALL EXTEND TO 6 IN. A.F.F. FACE PLATE SHALL HAVE WORD "EMERGENCY". WIRE TO TRANSFORMER (SEE KEYED NOTE 8). PROVIDE WIRING PER MANUFACTURERS REQUIREMENTS.
- 8 TRANSFORMER (ALPHA COMMUNICATIONS SSIO6) FOR EMERGENCY PULL CORD IN UNITS. PROVIDE WIRING PER MANUFACTURERS REQUIREMENTS.
- 9 EMERGENCY DOME LIGHT/BUZZER/HORN (ALPHA COMMUNICATIONS CDL123B) FOR EMERGENCY PULL CORD IN UNITS. PROVIDE WIRING PER MANUFACTURERS REQUIREMENTS.
- MOUNT PANEL SUCH THAT THE HIGHEST BREAKER IS MAXIMUM 48 IN. A.F.F. (FLUSH MOUNTED PANEL, NOT SURFACE)
- DOOR BELL WITH STROBE, PROVIDE DEVICE IN AUDIO/VISUAL IMPAIRED UNITS ONLY. COORDINATE WHICH UNITS REQUIRE DEVICE WITH OWNER.
- PUSH BUTTON FOR DOOR BELL, PROVIDE DEVICE IN AUDIO/VISUAL IMPAIRED UNITS ONLY. COORDINATE WHICH UNITS REQUIRE DEVICE WITH OWNER.
- SEE OVERALL PLANS FOR HVAC UNIT NUMBERS. COORDINATE WITH MECHANICAL DRAWINGS.
- SWITCHES FOR CONTROLS TO RANGE HOOD FAN AND LIGHT TO BE LOCATED

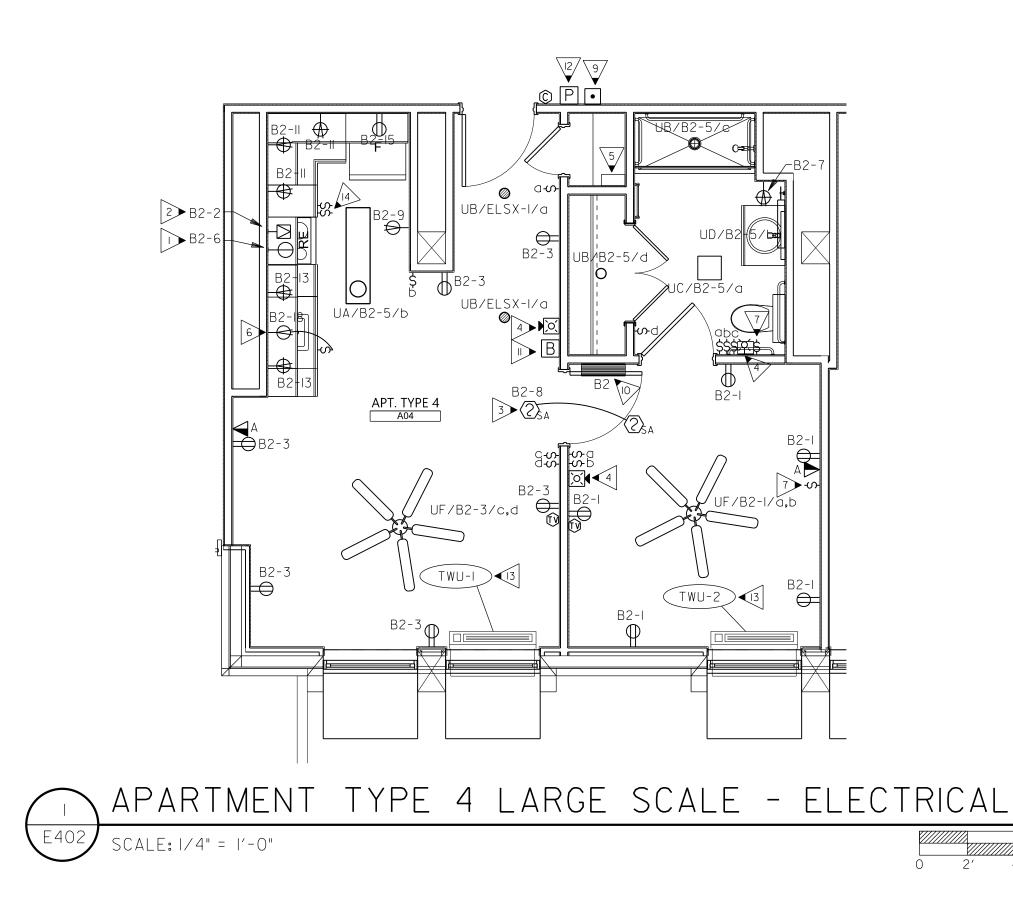
IN CABINET FRONT. COORDINATE EXACT LOCATION WITH ARCHITECTURAL.

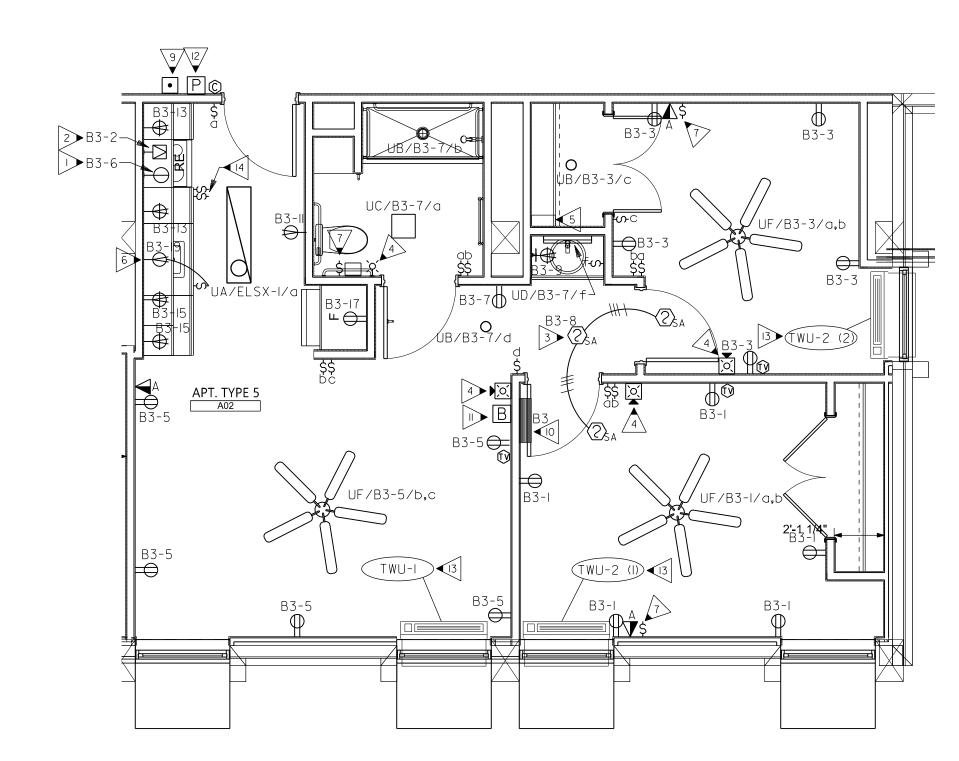
## GENERAL NOTES:

- A. COORDINATE EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT PRIOR TO ELECTRICAL ROUGH-IN.
- B. ALL FLEXIBLE CONDUIT SHALL BE METALLIC WATERPROOF.
- C. COORDINATE FINAL RECEPTACLE AND TELEPHONE OUTLET LOCATIONS WITH

ARCHITECTURAL CASEWORK AND OWNER PRIOR TO ROUGH-IN. NO EXCEPTIONS.

- D. COORDINATE EXACT CONDUIT REQUIREMENTS FOR THERMOSTATS TO ALL AIR HANDLING UNITS. SEE MECHANICAL DRAWINGS FOR EXACT LOCATIONS.
- E. FIRE SEAL ALL FIREWALL PENETRATIONS.
- F. PROVIDE TAMPER RESISTANT (SAFETY TYPE) RECEPTACLES IN ALL UNITS.
- G. PROVIDE AFCI TYPE BREAKERS FOR ALL 15A/20A/IP CIRCUITS AND AFCI/GFCI BREAKERS FOR ALL 20A/IP CIRCUITS WITHIN 6FT OF SINK WHEN GFCI RECEPTACLES ARE NOT UTILIZED (IN ALL UNITS AS PER 2020 NEC).
- H. PROVIDE ALL DEVICES AND WIRING REQUIRED FOR FULLY OPERATIONAL DISTRESS CALL SYSTEM (ALPHAECALL200 OR EQUAL). WIRE PER MANUFACTURERS RECOMMENDATION.









- OUTLET FOR CONNECTION TO RANGE HOOD "RH-A". COORDINATE EXACT LOCATION WITH ARCHITECTURAL CASEWORK DRAWINGS.
- 2 3#6, #IOG., 3/4 IN.C.
- 3 LABEL FIRE ALARM BREAKER IN ACCORDANCE TO 2020 NEC. 4 PROVIDE DEVICE IN ALL UNITS.
- PROVIDE A LEGRAND "ON-Q" 14IN. X 30IN. X 5IN. FLUSH BOX WITH HINGED LOCKABLE DOOR FOR TELEPHONE AND CATV CABLES TO BE ROUTED TO EACH UNIT. PROVIDE A LEGRAND 6 WAY VIDEO MODULE AND A 6 LOCATION TELEPHONE MODULE. MAKE ALL INTERNAL CONNECTIONS AS REQUIRED. ROUTE (2) 2 IN.C. FROM 14 IN. FLUSH BOX TO IDF ROOM.
- 6 GFCIRECEPTACLE SHALL BE LOCATED BELOW COUNTER TO SERVE DISPOSAL UNIT. RECEPTACLE SHALL BE CONTROLLED BY TOGGLE SWITCH LOCATED IN CABINET FRONT BELOW SINK. COORDINATE EXACT LOCATION WITH ARCHITECTURAL.
- PROVIDE SWITCH WITH PULL CORD (ALPHA COMMUNICATIONS SFII7/2A) IN UNITS. CORD SHALL EXTEND TO 6 IN. A.F.F. FACE PLATE SHALL HAVE WORD "EMERGENCY". WIRE TO TRANSFORMER (SEE KEYED NOTE 8). PROVIDE WIRING PER MANUFACTURERS REQUIREMENTS.
- B TRANSFORMER (ALPHA COMMUNICATIONS SSIO6) FOR EMERGENCY PULL CORD IN UNITS. PROVIDE WIRING PER MANUFACTURERS REQUIREMENTS.
- 9 EMERGENCY DOME LIGHT/BUZZER/HORN (ALPHA COMMUNICATIONS CDL123B) FOR EMERGENCY PULL CORD IN UNITS. PROVIDE WIRING PER MANUFACTURERS REQUIREMENTS.
- MOUNT PANEL SUCH THAT THE HIGHEST BREAKER IS MAXIMUM 48 IN. A.F.F. (FLUSH MOUNTED PANEL, NOT SURFACE)
- DOOR BELL WITH STROBE, PROVIDE DEVICE IN AUDIO/VISUAL IMPAIRED UNITS ONLY. COORDINATE WHICH UNITS REQUIRE DEVICE WITH OWNER.
- PUSH BUTTON FOR DOOR BELL, PROVIDE DEVICE IN AUDIO/VISUAL IMPAIRED UNITS ONLY. COORDINATE WHICH UNITS REQUIRE DEVICE WITH OWNER.
- 13 SEE OVERALL PLANS FOR HVAC UNIT NUMBERS. COORDINATE WITH MECHANICAL DRAWINGS.

GENERAL NOTES:

E. FIRE SEAL ALL FIREWALL PENETRATIONS.

UTILIZED (IN ALL UNITS AS PER 2020 NEC).

B. ALL FLEXIBLE CONDUIT SHALL BE METALLIC WATERPROOF.

ELECTRICAL ROUGH-IN.

SWITCHES FOR CONTROLS TO RANGE HOOD FAN AND LIGHT TO BE LOCATED IN CABINET FRONT. COORDINATE EXACT LOCATION WITH ARCHITECTURAL.

A. COORDINATE EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT PRIOR TO

C. COORDINATE FINAL RECEPTACLE AND TELEPHONE OUTLET LOCATIONS WITH ARCHITECTURAL CASEWORK AND OWNER PRIOR TO ROUGH-IN. NO EXCEPTIONS.

D. COORDINATE EXACT CONDUIT REQUIREMENTS FOR THERMOSTATS TO ALL AIR HANDLING UNITS. SEE MECHANICAL DRAWINGS FOR EXACT LOCATIONS.

F. PROVIDE TAMPER RESISTANT (SAFETY TYPE) RECEPTACLES IN ALL UNITS.

G. PROVIDE AFCI TYPE BREAKERS FOR ALL 15A/2OA/IP CIRCUITS AND AFCI/GFCI BREAKERS FOR ALL 2OA/IP CIRCUITS WITHIN 6FT OF SINK WHEN GFCI RECEPTACLES ARE NOT

H. PROVIDE ALL DEVICES AND WIRING REQUIRED FOR FULLY OPERATIONAL DISTRESS CALL SYSTEM (ALPHAECALL200 OR EQUAL). WIRE PER MANUFACTURERS RECOMMENDATION.

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA

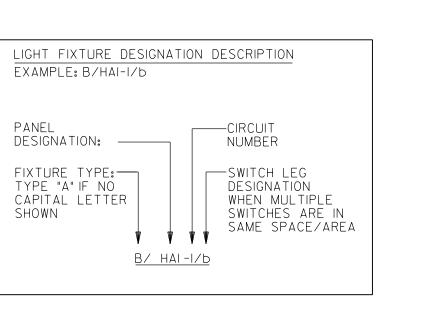
## **UNIT PLANS -ELECTRICAL**

/\ XX/XX/20XX PHASE OR ISSUE

MARK DATE DESCRIPTION

| FILE: 20221006 ERVIN TOWERS

**ELECTRICAL DESIGN** 175 NEW ST., STE.1 MACON, GA 31201 EDC\* M21054



PROVIDE ALL BRANCH CIRCUIT CONDUIT/CONDUCTORS AS NECESSARY TO CONNECT ALL DEVICES SHOWN ON THE CIRCUIT. PROVIDE DEDICATED NEUTRALS FOR ALL CIRCUITS. (STRIPED NEUTRAL WITH PHASE COLOR STRIPING)

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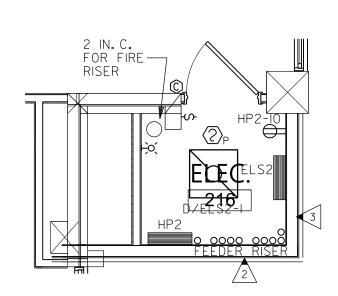
SEALS

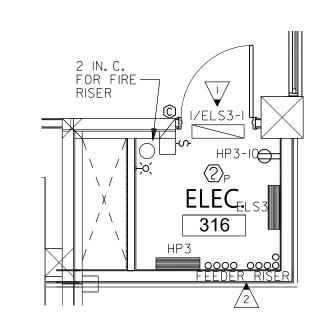
W.C. ERVIN **TOWERS** 

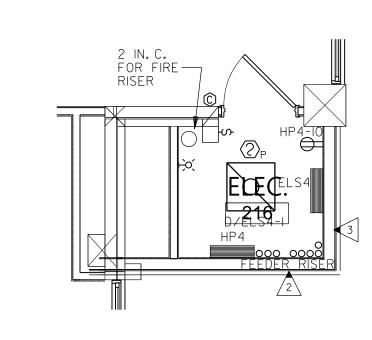
30901 LARGE SCALE

DATE: 1/10/2023

DRAWN BY: TW CHK'D BY: JM







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SEALS



PROJECT TITLE W.C. ERVIN **TOWERS** 

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA

30901

LARGE SCALE ELECTRICAL **ROOM PLANS -**ELECTRICAL

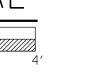
XX/XX/20XX PHASE OR ISSUE MARK DATE DESCRIPTION

DATE: 1/10/2023 FILE: 20221006 ERVIN TOWERS

DRAWN BY: TW CHK'D BY: JM

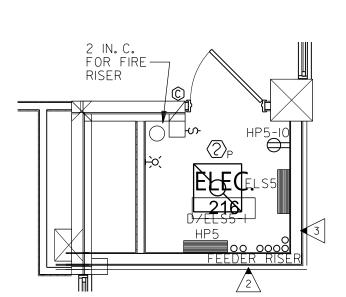
E403

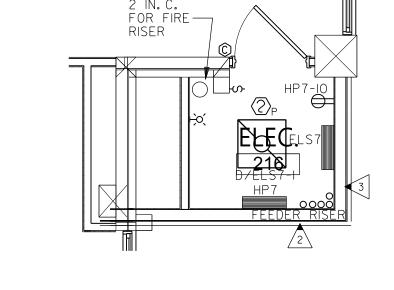
SECOND FLOOR ELEC. ROOM - ELECTRICAL SCALE: 1/4" = 1'-0"



THIRD FLOOR ELEC.ROOM - ELECTRICAL SCALE: 1/4" = 1'-0"

FOURTH FLOOR ELEC. ROOM - ELECTRICAL SCALE: 1/4" = 1'-0"



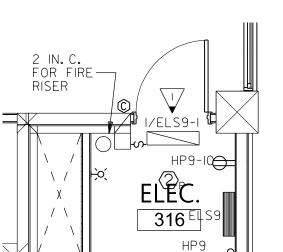


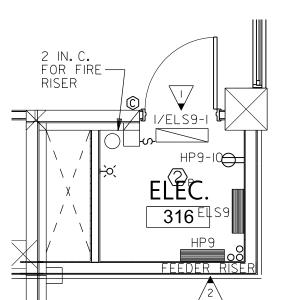
SEVENTH FLOOR ELEC. ROOM - ELECTRICAL SCALE: 1/4" = 1'-0"



2 IN.C. FOR FIRE— RISER





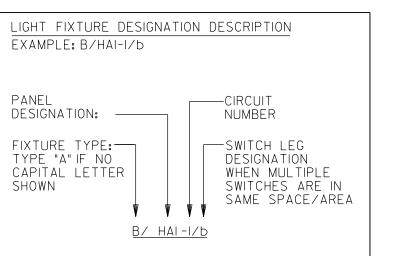












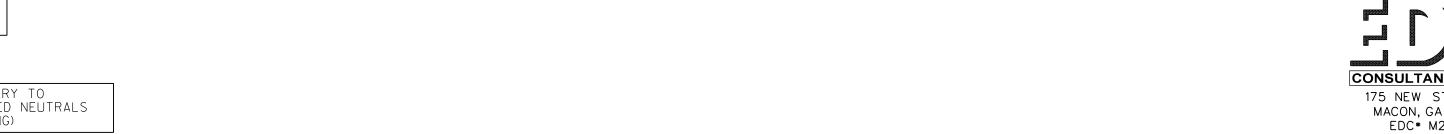
PROVIDE ALL BRANCH CIRCUIT CONDUIT/CONDUCTORS AS NECESSARY TO CONNECT ALL DEVICES SHOWN ON THE CIRCUIT. PROVIDE DEDICATED NEUTRALS FOR ALL CIRCUITS. (STRIPED NEUTRAL WITH PHASE COLOR STRIPING)

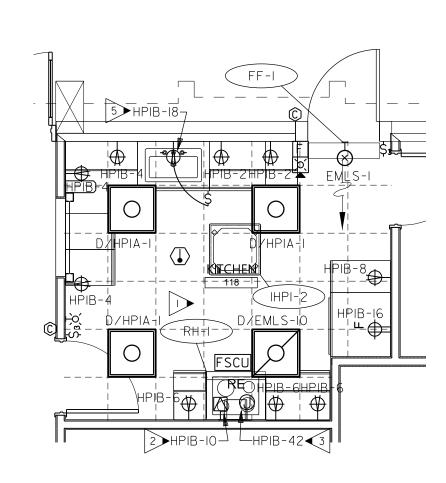


WALL MOUNT FIXTURE ABOVE THE DOOR FRAME. BOTTOM OF FIXTURE AT 7'-6" A.F.F.

FEEDER RISER FOR NEW ELECTRICAL ROOM TOWER. HOUSE PANELS TO BE SHIFTED OVER EACH FLOOR. LAST TWO FEEDERS TO SERVE PANEL "HPR". 3> SEE ARCHITECTURAL FOR LAY-IN CEILING IN THIS SPACE.

175 NEW ST.,STE.1 MACON, GA 31201 EDC\* M21054

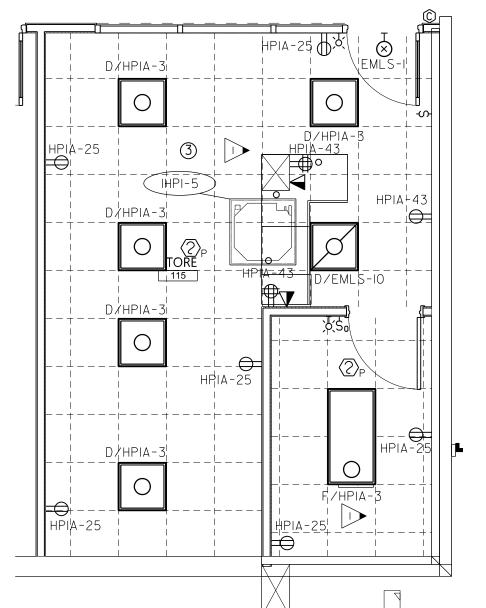




ENLARGED KITCHEN PLAN - ELECTRICAL

SCALE: 1/4" = 1'-0"





## GENERAL NOTES:

- A. THIS PLAN INDICATES AREAS TO BE CONTROLLED BY MOTION SENSORS. SINCE COVERAGES AND DEVICES VARY BETWEEN MANUFACTURERS IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO COORDINATE PROPER DEVICE LOCATION, ORIENTATION AND QUANTITIES WITH THE MANUFACTURER OF THE SYSTEM BEING INSTALLED TO MEET THE SPECIFIED CRITERIA.
- B. SEE 2/E601AND 3/E601FOR EMERGENCY LIGHTING CONTROL RELAY DETAILS. RELAYS TO BE USED TO ALLOW FOR SWITCHED CONTROL OF FIXTURES CONNECTED TO EMERGENCY LIGHTING CIRCUIT.
- C. THERE ARE NO SWITCHPACKS SHOWN ON THIS PLAN. PROVIDE SWITCHPACKS AS REQUIRED WITH SENSORS. SWITCHPACKS ARE TO BE RATED AT 20A. PROVIDE ONE SWITCHPACK PER 20A LIGHTING CIRCUIT OR PER INDIVIDUAL AREA BEING CONTROLLED.
- D.CEILING SENSORS ARE TO BE MOUNTED AWAY FROM ANY STRONG AIRFLOW. COORDINATE LOCATION OF SENSOR WITH MECHANICAL AND LIGHTING PLANS.
- E. ALL SENSORS SHALL BE CEILING MOUNTED EXCEPT WHERE CEILING HEIGHTS EXCEED IS FT.-O IN. PROVIDE SENSOR WITH ADAPTOR PLATE FOR JUNCTION BOX MOUNTING (JUNCTION BOX SHALL BE CONCEALED ABOVE ACCESSIBLE CEILING) JUNCTION BOX SHALL BE SUPPORTED FROM STRUCTURE UTILIZING A 3/8 IN. THREADED ROD. WHERE CEILING HEIGHTS EXCEED IS FT.-O IN. WALL MOUNT SENSORS AT 12 FT.-O IN.
- F. PROVIDE UNSWITCHED HOT CONDUCTOR TO ALL EMERGENCY AND
- G. ALL CONDUIT PENETRATING FIRE RATED WALL SHALL BE CAULKED WITH U.L. LISTED FIRE SEALANT.
- H. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL ELECTRICAL WORK REQUIREMENTS.
- I. REPLACE ALL EXISTING SWITCHES AND FACEPLATES WITH NEW SWITCHES/DIMMERS AND FACEPLATES AS SHOWN.
- J. PROVIDE ALL ADDITIONAL BRANCH CIRCUITRY FOR OCCUPANCY SENSORS AND POWERPACKS.
- K. ALL CORRIDOR EGRESS FIXTURES TO BE UNSWITCHED ON EMERGENCY CIRCUITS WITH EXIT LIGHTS.

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## W.C. ERVIN TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

ENLARGED
PLANS - FIRST
FLOOR ELECTRICAL

XX/XX/20XX PHASE OR ISSUE

MARK DATE DESCRIPTION

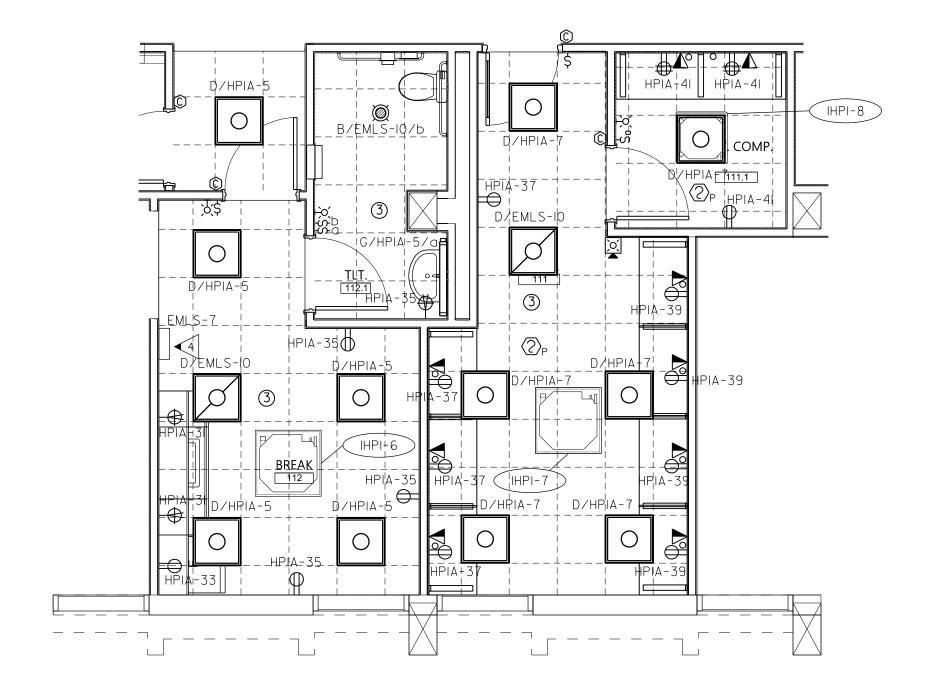
DATE: 1/10/2023
FILE: 20221006 ERVIN TOWERS

E404

DRAWN BY: TW CHK'D BY: JM

**ELECTRICAL DESIGN** 

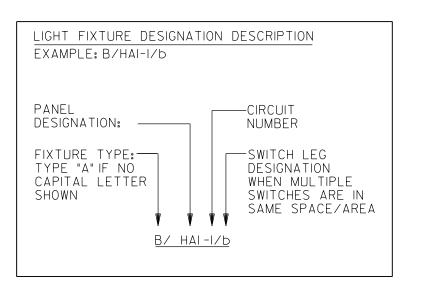
175 NEW ST.,STE.1 MACON, GA 31201 EDC\* M21054



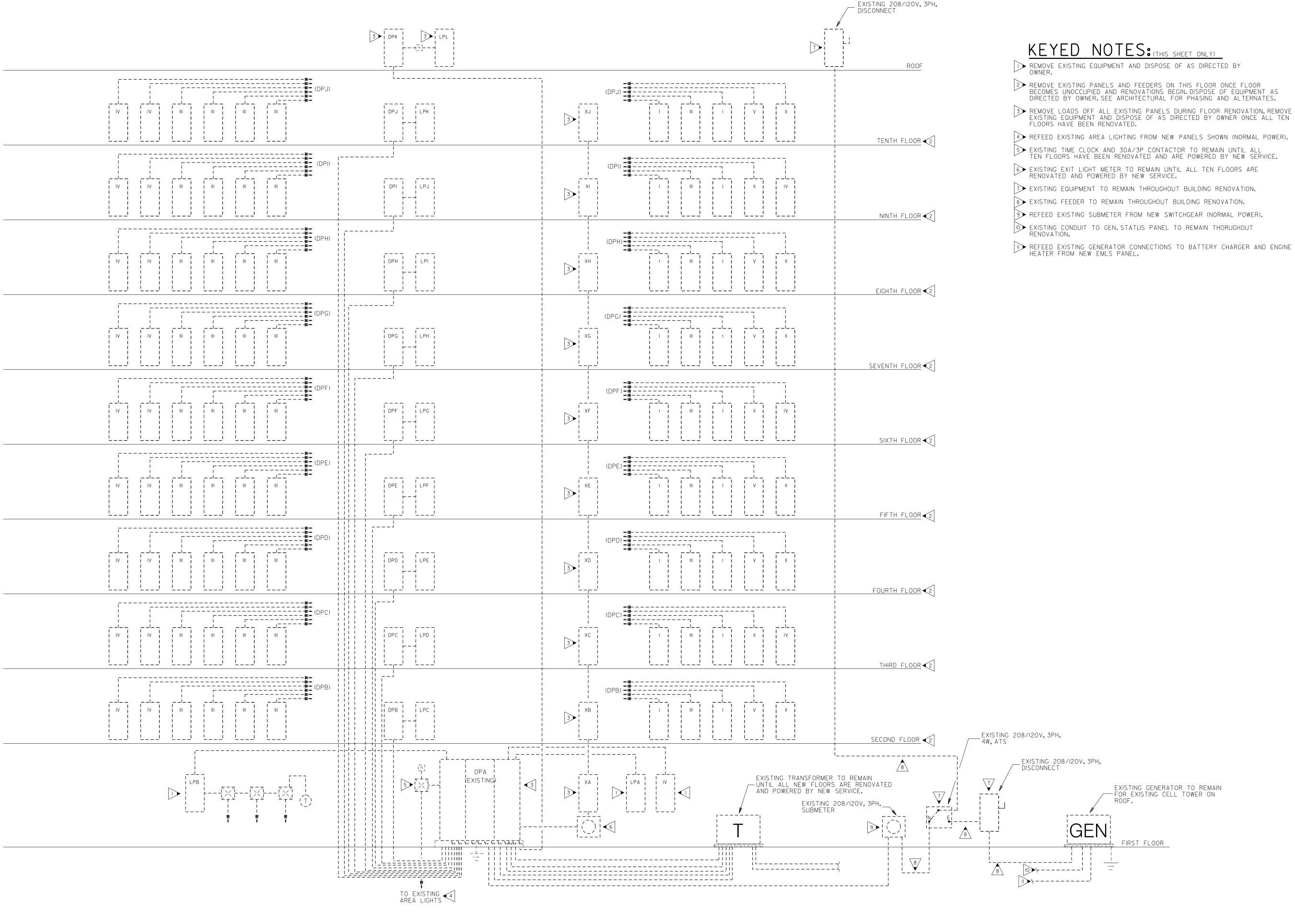


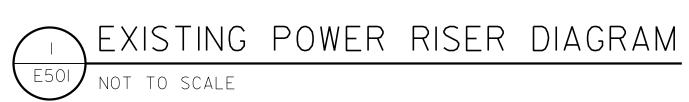
## KEYED NOTES: (THIS SHEET ONLY)

- USE #10'S FOR ENTIRE CIRCUITS IN THIS AREA UNLESS NOTED OTHERWISE.
- 3#4, #8G., IIN. C. RANGE SHALL BE SERVED WITH SHUNT TRIP STYLE
  CIRCUIT BREAKER. CONNECT TO HOOD EXTINGUISHING SYSTEM PER MANUFACTURERS
  RECOMMENDATION
- 3 FLUSH RECESSED JUNCTION BOX FOR RH-IPOWER CONNECTION. COORDINATE EXACT LOCATION WITH SHOP DRAWINGS PRIOR TO ROUGH-IN.
- GEN STATUS PANEL. COORDINATE EXACT LOCATION WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
- GFCIRECEPTACLE SHALL BE LOCATED BELOW COUNTER TO SERVE DISPOSAL UNIT.
  RECEPTACLE SHALL BE CONTROLLED BY TOGGLE SWITCH LOCATED IN CABINET FRONT BELOW SINK. COORDINATE EXACT LOCATION WITH ARCHITECTURAL.



PROVIDE ALL BRANCH CIRCUIT CONDUIT/CONDUCTORS AS NECESSARY TO CONNECT ALL DEVICES SHOWN ON THE CIRCUIT. PROVIDE DEDICATED NEUTRALS FOR ALL CIRCUITS. (STRIPED NEUTRAL WITH PHASE COLOR STRIPING)







SEALS

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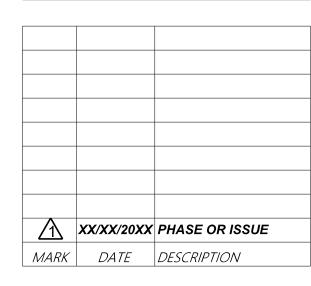
ARCHITECTS + DESIGNERS



## W.C. ERVIN TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

EXISTING POWER RISER DIAGRAM

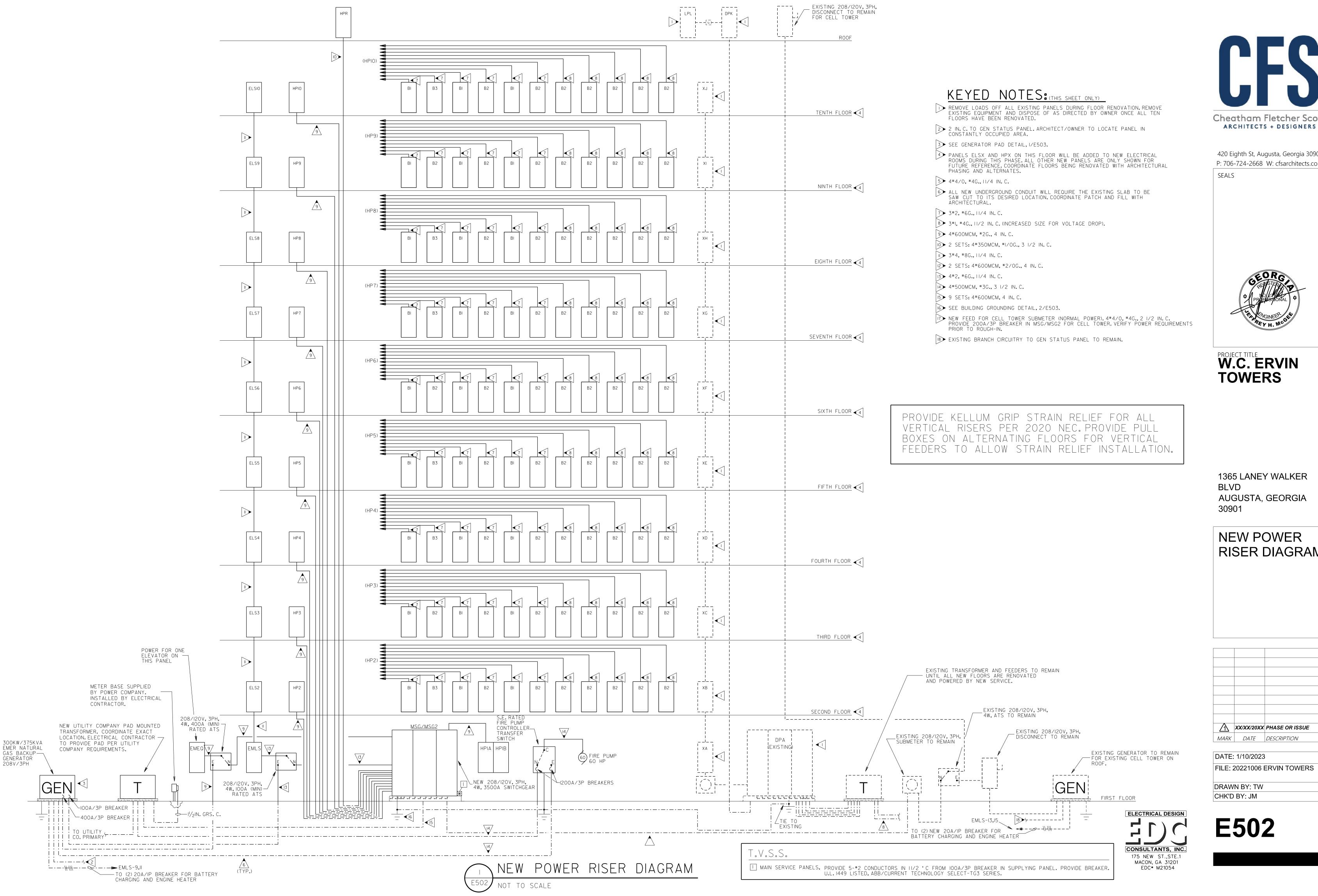


DATE: 1/10/2023

FILE: 20221006 ERVIN TOWERS

DRAWN BY: TW

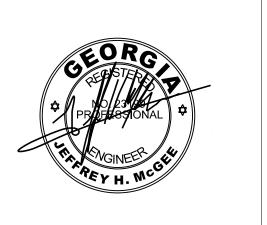
CHK'D BY: JM





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SEALS



## PROJECT TITLE W.C. ERVIN **TOWERS**

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

**NEW POWER** RISER DIAGRAM

/\\ XX/XX/20XX PHASE OR ISSUE MARK DATE DESCRIPTION

DATE: 1/10/2023

FILE: 20221006 ERVIN TOWERS

DRAWN BY: TW CHK'D BY: JM

VOLTAGE/ PHASE 208V/3PH 208V/3PH	CIRCUIT BREAKER 225A/3P	PANEL NAME/	FEEDER	DISCONNECT SWITCH	NOTES
208V/3PH	225A/3D	CIRCUIT NUMBER	FEEDER	DISCONNECT SWITCH	NOTES
·	2237/31	MSG2-7	4#250MCM, #3G., 3 IN. C.	400A/3P/3R	1,12
208V/3PH	225A/3P	MSG2-8	4#250MCM, #3G., 3 IN. C.	400A/3P/3R	1,12
	100A/3P	MSG-32	4#2, #6G., 1 1/2 IN. C.	100A/3P/3R	1
208V/3PH	70A/3P	MSG2-1	4#4, #8G., 1 1/4 IN. C.	100A/3P/3R	1
208V/1PH	15A/2P	HP1A-36	4#10, 3/4 IN. C.	MOTOR RATED SWITCH EACH	1.4
208V/1PH	15A/2P	HP1A-40	4#12, 1/2 IN. C.	MOTOR RATED SWITCH EACH	•
2001/4011	45 A /2D	CEE DI ANG	444.2 4 /2 INL C	MOTOR RATER CAUTOU FACIL	1.4
·	·				,
					1,2 1,3
2400	ZUA/ZP	UNITS	4#12, 1/2 IIV. C.	WICHOR RATED SWITCH	1,3
208V/1PH	30A/2P	HP1B-24	4#10, 3/4 IN. C.	30A/2P	1
208V/1PH	30A/2P	HP1B-28	4#10, 3/4 IN. C.	30A/2P	1
120V	20A/1P	HP1B-32	3#12, 1/2 IN. C.	MOTOR RATED SWITCH	1
120V	20A/1P	HP1B-34	3#12, 1/2 IN. C.	MOTOR RATED SWITCH	1
					1
			• •		1
	,		, ·		
120V		HPR-7	3#12, 1/2 IN. C.	MOTOR RATED SWITCH	1,8
					1,8 1,8
120V 120V	20A/1P	HPR-13	3#12, 1/2 IN. C.	MOTOR RATED SWITCH	1,8
120V	20A/1P	HPR-15	3#12, 1/2 IN. C.	MOTOR RATED SWITCH	1,8
120V	20A/1P	HPR-17	3#12, 1/2 IN. C.	MOTOR RATED SWITCH	1,8
	-				1,8
					1,8 1,8
120V	20A/1P	HPR-12		MOTOR RATED SWITCH	1,8
120V	25A/1P	HPR-14	3#10, 3/4 IN. C.	MOTOR RATED SWITCH	1,8,11
	-				1,8
			•		1,8 1,8
	•				1,8
120V	CONNECT TO LIGHTS	CONNECT TO LIGHTS	3#12, 1/2 IN. C.	MOTOR RATED SWITCH	1,5
120V	CONNECT TO LIGHTS	CONNECT TO LIGHTS	3#12, 1/2 IN. C.	MOTOR RATED SWITCH	1,5
120V		CONNECT TO LIGHTS	3#12, 1/2 IN. C.	MOTOR RATED SWITCH	1,5
120V	CONNECT TO LIGHTS	CONNECT TO LIGHTS	3#12, 1/2 IN. C.	MOTOR RATED SWITCH	1,6
120V	20A/1P	HP1B-44	3#12, 1/2 IN. C.	MOTOR RATED SWITCH	1,9
120)/	204/1D	LIDV 20	2#12 1/2 IN C	MOTOR DATER CWITCH	1710
			· · ·		1,7,10 1,7,10
1201	2014 11	TH X TO	31112, 1/2 IIV. C.	Wierentian	1,7,10
120V	20A/1P	HP1B-42	3#12, 1/2 IN. C.	MOTOR RATED SWITCH	1
120V	20A/1P	UNITS	3#12, 1/2 IN. C.	MOTOR RATED SWITCH	1
208V/3PH	30A/3P	MSG-2	5#10, 3/4 IN. C.	30A/3P	
	,				
1200	ZUA/IF	⊓LTD-72	J#12, 1/2 IIV. C.	MOTOL VALED 2MITCH	
120V	20A/1P	HP1B-25	3#12, 1/2 IN. C.	MOTOR RATED SWITCH	
120V	20A/1P	HP1B-27	3#12, 1/2 IN. C.	MOTOR RATED SWITCH	
2U8/\/3DH	20Δ/3P	HP1R-29	5#12 1/2 IN C	MOTOR RATED SWITCH	11
208V/3PH 208V/3PH	20A/3P	HP1B-29 HP1B-35	5#12, 1/2 IN. C. 5#12, 1/2 IN. C.	MOTOR RATED SWITCH	11
	,				
•	· · · · · · · · · · · · · · · · · · ·		4#12, 1/2 IN. C.	MOTOR RATED SWITCH	11
	208V/1PH  120V 120V 120V 120V 120V 120V 120V 120	208V/1PH 15A/2P  240V 20A/2P  240V 20A/2P  208V/1PH 30A/2P  120V 20A/1P  120V 20A/1P	208V/1PH   15A/2P   SEE PLANS	208V/1PH	208V/1PH   15A/2P   SEE PLANS

APARTMENT ELECTRI	CAL CALCULATION SHE	ET
UNIT TYPE: B1		
SQUARE FOOT	355	VOLT AMP
LIGHTS	SF X 3W/SF	10
(2) APPLIANCE CIRCUITS		30
LAUNDRY CIRCUIT		
RANGE		8
RANGE HOOD		1.
DISHWASHER		
WASHER		
DRYER		
WATER HEATER		
DISPOSAL		
SUBTOTAL		14
40% ABOVE 10KW (NEC 220.84)	SUB-10K*(0.40)+10K	11
HVAC		2
TOTAL VA		14
TOTAL LOAD/ 208V.1PH AMPS		6

HOUSE PANELS "HP2/4/5/7/8/10" LOAD CACULATIONS						
LOCATION: ELECTRICAL ROOM						
APARTMENT	VOLT AMPS					
JNIT B1 (3 X 16573)	49719					
JNIT B2 (7 X 19264)	134848.00					
JNIT B3 (1 X 22600)	22600.00					
·						
SUBTOTAL FOR 11 APARTMENTS	207167.0					
TOTAL APARTMENT LOAD						
12% DEMAND FATOR (NEC 220.84)	87010.1					
TOTAL VA	87010.1					
OTHER LOADS	4205.0					
FOTAL LOAD/ 208V.3PHASE AMPS	253.4					

APARTMENT ELECTRI	<u>CAL CALCULATION SHE</u>	ET
UNIT TYPE: B2		
SQUARE FOOT	560	VOLT AMPS
LIGHTS	SF X 3W/SF	168
(2) APPLIANCE CIRCUITS		300
LAUNDRY CIRCUIT		
RANGE		800
RANGE HOOD		150
DISHWASHER		
WASHER		
DRYER		
WATER HEATER		
DISPOSAL		50
SUBTOTAL		1468
40% ABOVE 10KW (NEC 220.84)	SUB-10K*(0.40)+10K	1187
HVAC	, ,	494
TOTAL VA		1681
TOTAL LOAD/ 208V.1PH AMPS		80.

HOUSE PANELS "HP3/6/9" LOAD CACULATIONS						
LOCATION: ELECTRICAL ROOM						
APARTMENT	VOLT AMPS					
UNIT B1 (3 X 16573)	49719					
UNIT B2 (8 X 19264)	154112.00					
UNIT B3 (0 X 22600)	0.00					
SUBTOTAL FOR 11 APARTMENTS	203831.0					
TOTAL APARTMENT LOAD						
42% DEMAND FATOR (NEC 220.84)	85609.0					
TOTAL VA	85609.0					
OTHER LOADS	22665.0					
TOTAL LOAD/ 208V.3PHASE AMPS	300.8					

APARTMENT ELECTRI	CAL CALCULATION SHE	ET
UNIT TYPE: B3		
SQUARE FOOT	740	VOLT AMPS
LIGHTS	SF X 3W/SF	22:
(2) APPLIANCE CIRCUITS		300
LAUNDRY CIRCUIT		
RANGE		800
RANGE HOOD		150
DISHWASHER		
WASHER		
DRYER		
WATER HEATER		
DISPOSAL		50
SUBTOTAL		152
40% ABOVE 10KW (NEC 220.84)	SUB-10K*(0.40)+10K	120
HVAC		73
TOTAL VA		1940
TOTAL LOAD/ 208V.1PH AMPS		93

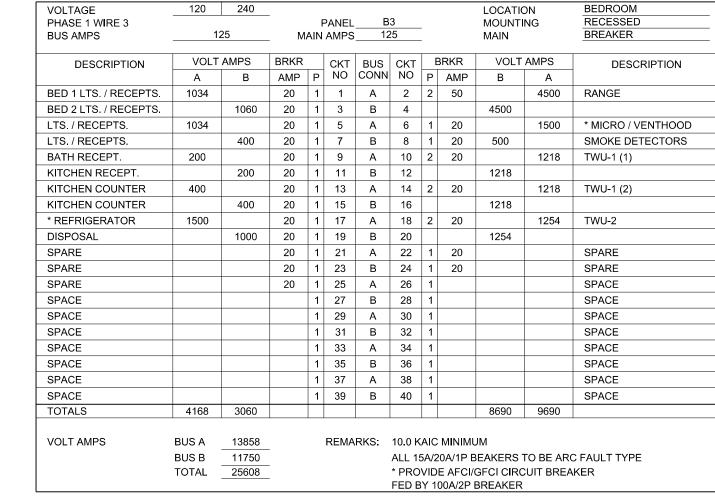
MAIN SWITCHGEAR "MSG / MSG-2" LOAI	D CACULATIONS
LOCATION: GROUND FLOOR	
APARTMENT	VOLT AMPS
UNIT B1 (27 X 16573)	447471
UNIT B2 (66 X 19264)	1271424.00
UNIT B3 (6 X 22600)	135600.00
SUBTOTAL FOR 99 APARTMENTS	1854495.0
TOTAL APARTMENT LOAD	
23% DEMAND FATOR (NEC 220.84)	426533.9
TOTAL VA	426533.9
OTHER HP2 THRU HP-10 LOADS	93225.0
PANEL EMEQ	65428.0
PANEL EMLS	12965.0
PANEL HP1A / HP1B	96885.0
PANEL HPR	136232.0
MECH LOADS	38604.0
OTHER LOADS	146520.0
TOTAL LOAD/ 208V.3PHASE AMPS	2823.3
	•

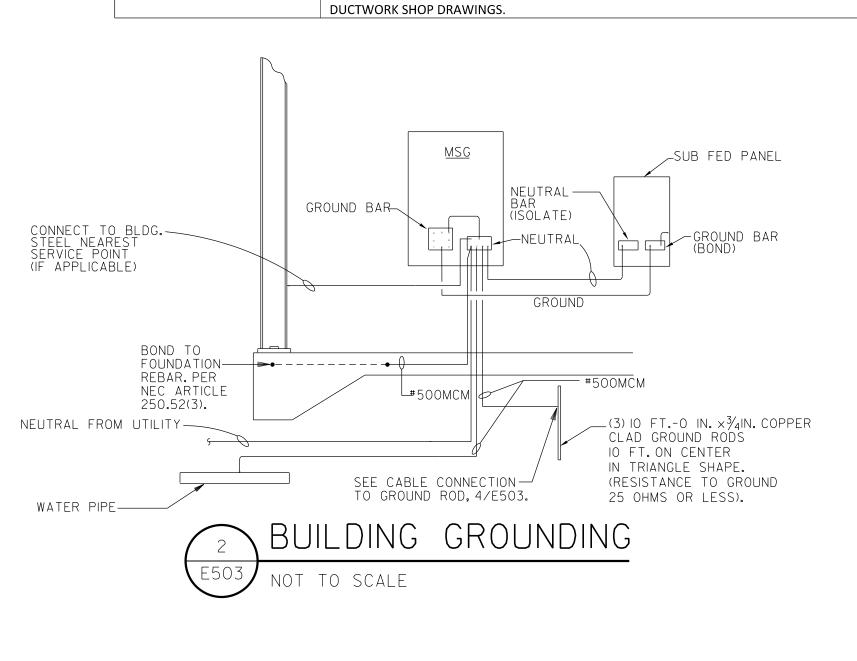
VOLTAGE	120	240	_							LOCATION		SLEEPING AREA
PHASE 1 WIRE 3	4	0.5	PANEL E 5 MAIN AMPS 1							MOUNT	RECESSED	
BUS AMPS	1	125		AIN	AMPS	512	25	-		MAIN		BREAKER
DESCRIPTION	VOLT	AMPS	BRKR		СКТ	BUS	СКТ	E	BRKR	VOLT	AMPS	DESCRIPTION
	Α	В	AMP	Р	NO	CONN	NO	Р	AMP	В	Α	
LTS. / RECEPT.	1034		20	1	1	А	2	2	50		4500	RANGE
LIGHTS		100	20	1	3	В	4			4500		
BATH RECEPT.	200		20	1	5	Α	6	1	20		1500	* MICRO / VENTHOOD
KITCHEN RECEPT.		200	20	1	7	В	8	1	20	500		SMOKE DETECTOR
KITCHEN COUNTER	400		20	1	9	Α	10	2	20		1254	TWU-2
KITCHEN COUNTER		200	20	1	11	В	12			1254		
* REFRIGERATOR	1500		20	1	13	Α	14	1	20			SPARE
DISPOSAL		1000	20	1	15	В	16	1	20			SPARE
SPARE			20	1	17	Α	18	1	20			SPARE
SPACE				1	19	В	20	1				SPACE
SPACE				1	21	Α	22	1				SPACE
SPACE				1	23	В	24	1				SPACE
SPACE				1	25	Α	26	1				SPACE
SPACE				1	27	В	28	1				SPACE
SPACE				1	29	Α	30	1				SPACE
SPACE				1	31	В	32	1				SPACE
SPACE				1	33	А	34	1				SPACE
SPACE				1	35	В	36	1				SPACE
SPACE				1	37	Α	38	1				SPACE
SPACE				1	39	В	40	1				SPACE
TOTALS	3134	1500								6254	7254	
VOLT AMPS	BUS A	10388	_		REMA	RKS:	10.0 K	AIC	MINIMU	JM		
	BUS B	7754					ALL 1	5A/2	0A/1P E	BEAKERS	TO BE AR	C FAULT TYPE
	TOTAL	18142	_								CUIT BREA	KER
							FED B	Y 1	00A/2P I	BREAKER		

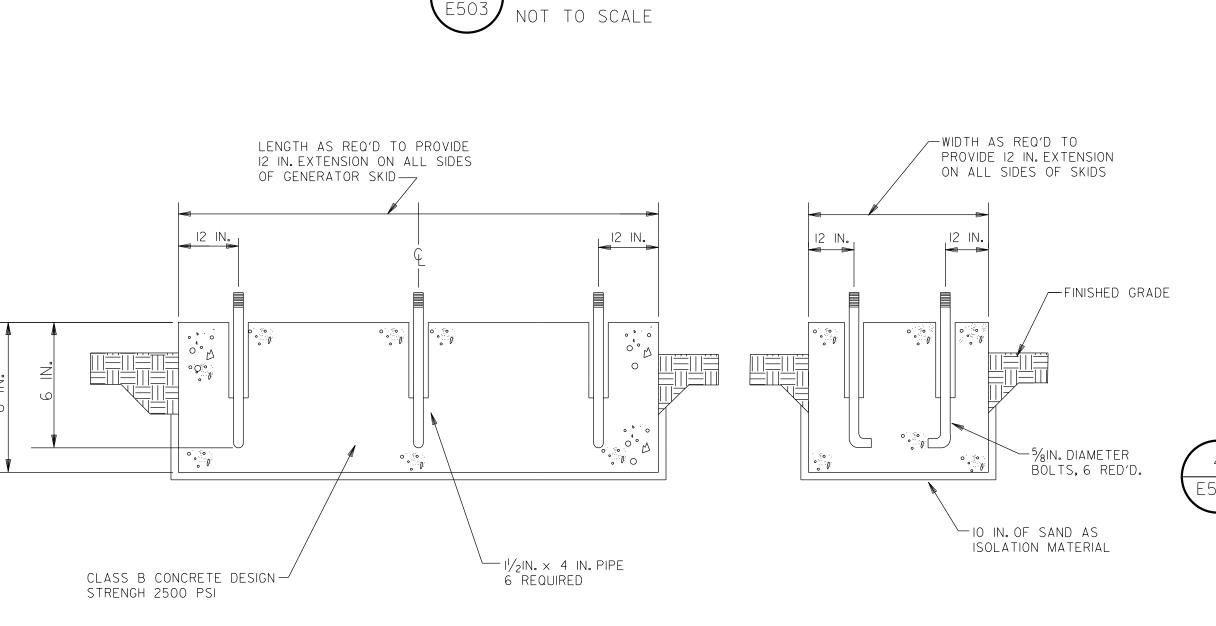
VOLTAGE	120	240	_							LOCATION	NC	BEDROOM
PHASE 1 WIRE 3				F	PANEL					MOUNT	ING	RECESSED
BUS AMPS	1:	125		MAIN AMPS 12						MAIN		BREAKER
DESCRIPTION	VOLT	AMPS	BRKR		СКТ	BUS	СКТ	Е	BRKR	VOLT	AMPS	DESCRIPTION
	Α	В	AMP	Р	NO	CONN	NO	Р	AMP	В	Α	
BED LTS. / RECEPT.	1034		20	1	1	Α	2	2	50		4500	RANGE
LTS. / RECEPT.		1234	20	1	3	В	4			4500		
LIGHTS	150		20	1	5	Α	6	1	20		1500	* MICRO / VENTHOOD
BATH RECEPT.		200	20	1	7	В	8	1	20	500		SMOKE DETECTORS
KITCHEN RECEPT.	200		20	1	9	Α	10	2	20		1218	TWU-1
KITCHEN COUNTER		400	20	1	11	В	12			1218		
KITCHEN COUNTER	400		20	1	13	Α	14	2	20		1254	TWU-2
* REFRIGERATOR		1500	20	1	15	В	16			1254		
SPARE			20	1	17	Α	18	1	20		1000	DISPOSAL
SPARE			20	1	19	В	20	1	20			SPARE
SPARE			20	1	21	Α	22	1				SPACE
SPACE				1	23	В	24	1				SPACE
SPACE				1	25	Α	26	1				SPACE
SPACE				1	27	В	28	1				SPACE
SPACE				1	29	А	30	1				SPACE
SPACE				1	31	В	32	1				SPACE
SPACE				1	33	Α	34	1				SPACE
SPACE				1	35	В	36	1				SPACE
SPACE				1	37	Α	38	1				SPACE
SPACE				1	39	В	40	1				SPACE
TOTALS	1784	3334								7472	9472	
VOLT AMPS	BUS A	11256	_	REMARKS:				10.0 KAIC MINIMUM				
	BUS B	10806	_									C FAULT TYPE
	TOTAL	22062	_				* PRO	VID	E AFCI/	GFCI CIRC	CUIT BREA	KER

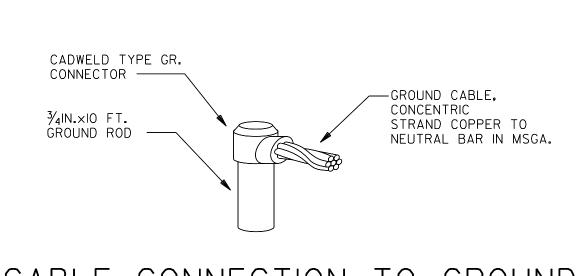
CONCENTRIC STRAND COPPER CABLE.CONNECT TO NEUTRAL BAR PANEL.—	CADWELD TYPE CONNECTOR
STEEL BEAM —	CONNECTOR

CABLE CONNECTION TO STEEL BEAM











CONSULTANTS, INC.

175 NEW ST.,STE.1

MACON, GA 31201

EDC\* M21054



420 Eighth St, Augusta, Georgia 30901 P: 706-724-2668 W: cfsarchitects.com



## W.C. ERVIN TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

SCHEDULES, CALCULATIONS, AND DETAILS

<u> </u>	XX/XX/20XX	PHASE OR ISSUE
MARK	DATE	DESCRIPTION

DATE: 1/10/2023

FILE: 20221006 ERVIN TOWERS

DRAWN BY: TW

CHK'D BY: JM



VOLTAGE	120	208										LOCATION		MECH 105
PHASE 3 WIRE 4				PANEL			MS	SG	_			MOUNTI	NG	SURFACE
BUS AMPS	35	500		MAIN A	MP	s	35	00	_			MAIN		BREAKER
DESCRIPTION	\	OLT AMP	S	BRKR		СКТ	BUS	СКТ	E	BRKR	١	OLT AMP	S	DESCRIPTION
	Α	В	С	AMP	Р	NO	CONN	NO	Р	AMP	С	В	Α	
PANEL HP1A / HP1B	30250			400	3	1	Α	2	3	400			86599	PANEL HP8
		35305				3	В	4				85528		
			31330			5	С	6			66546			
PANEL HP2	86599			400	3	7	Α	8	3	400			94289	PANEL HP9
		85528				9	В	10				91528		
			66546			11	С	12			70404			
PANEL HP3	94289			400	3	13	Α	14	3	400			86599	PANEL HP10
		91528				15	В	16				85528		
			70404			17	С	18			66546			
PANEL HP4	86599			400	3	19	Α	20	3	100			5980	PANEL EMLS
		85528				21	В	22				3285		
			66546			23	С	24			3700			
PANEL HP5	86599			400	3	25	Α	26	3	400			23244	PANEL EMEQ
		85528				27	В	28				21092		
			66546			29	С	30			21092			
PANEL HP6	94289			400	3	31	Α	32	3	100			5856	VOHP-1
		91528				33	В	34				5856		
			70404			35	С	36			5856			
PANEL HP7	86599			400	3	37	Α	38	3	100				TVSS
		85528				39	В	40						
			66546			41	С	42						
TOTALS	565224	560473	438322								234144	292817	302567	
			1	1	_		1				1		1	
VOLT AMPS	BUS A	867791				REMA	RKS:	S.E. R	ATE	D PANI	EL			
	BUS B	853290						SECT	ION	1 OF 2				
	BUS C	672466						87.3 K	AIC	MINIMU	JM			
	TOTAL	2393547												

VOLTAGE	120	208										LOCATIO	NC	MECH 105
PHASE 3 WIRE 4				PANEL			MS	G2				MOUNTI	NG	SURFACE
BUS AMPS	35	500		MAIN A	MPS	S	35	00				MAIN		LUGS
DESCRIPTION	1	/OLT AMP	3	BRKR		СКТ	BUS	СКТ	F	BRKR	\	OLT AMP	S	DESCRIPTION
DESCRIPTION	Α	В	C	AMP	Р	NO	CONN		P	AMP	С ,	В	A	DESCRIPTION
VOHP-2	4128	В		70	3	1	Α	2	3	30		Ь	2544	WBP-1
VOTII 2	1120	4128		'		3	В	4		- 00		2544	2011	1
		7120	4128			5	С	6			2544	2011		
HPR	46372		7120	600	3	7	A	8	3	100	2011		7452	ELEVATOR
TH TX	40072	45196		000		9	В	10		100		7452	7402	LLLV/(IOI(
		40100	44664			11	С	12			7452	7702		
AREA LIGHTS	1500		77007	20	3	13	A	14	3	150	1402		11088	SERVICE ELEVATOR
AREA LIGITIO	1300	1500		20		15	В	16	5	130		11088	11000	SERVICE LLEVATOR
		1300	1500			17	С	18			11088	11000		
CELL TOWER	19200		1300	200	3	19	A	20	3	100	11000		9600	TRASH COMPACTOR
OLLE TOWER	19200	19200		200	3	21	В	22	3	100		9600	9000	TRASTICOMFACTOR
		19200	19200			23	С	24			9600	9600		
SPACE			19200		2		_	26	3		9600			SPACE
SPACE					3	25 27	A B	28	3					SPACE
						29	С	30						
CDA CE					-		_		_					CDACE
SPACE					3	31	A	32	3					SPACE
						33	В	34						
00405					_	35	С	36						00405
SPACE					3	37	A	38	3					SPACE
						39	В	40						
		=0004				41	С	42				22224	20001	
TOTALS	71200	70024	69492								30684	30684	30684	
VOLT AMPS	BUS A	101884				REMA	RKS:	S.E. R	ATE	ED PANE	EL			
	BUS B	100708												
	BUS C	100176						87.3 K	AIC	MINIML	JM			
	TOTAL	302768												

VOLTAGE	120	208										LOCATIO	DN	MECH. 105
PHASE 3 WIRE 4				PANEL			HP	1B	_			MOUNTI	NG	SURFACE
BUS AMPS	4	00		MAIN A	MP	s	40	00				MAIN		LUGS
DESCRIPTION	\	OLT AMPS	S	BRKR		СКТ	BUS	СКТ	E	BRKR	\	OLT AMP	S	DESCRIPTION
	Α	В	С	AMP	Р	NO	CONN	NO	Р	AMP	С	В	Α	
1ST EXTERIOR LIGHTS	195			20	1	1	Α	2	1	20			400	KITCHEN RECEPT.
2ND EXTERIOR LIGHTS		72		20	1	3	В	4	1	20		600		KITCHEN RECEPT.
3RD EXTERIOR LIGHTS			72	20	1	5	С	6	1	20	600			KITCHEN RECEPT.
4TH EXTERIOR LIGHTS	72			20	1	7	Α	8	1	20			200	KITCHEN RECEPT.
5TH EXTERIOR LIGHTS		72		20	1	9	В	10	2	50		4500		RANGE
6TH EXTERIOR LIGHTS			72	20	1	11	С	12			4500			
7TH EXTERIOR LIGHTS	72			20	1	13	Α	14						SHUNT TRIP
8TH EXTERIOR LIGHTS		72		20	1	15	В	16	1	20		1500		* REFRIGERATOR
9TH EXTERIOR LIGHTS			72	20	1	17	С	18	1	20	1000			DISPOSAL
10TH EXTERIOR LIGHTS	72			20	1	19	Α	20	1	20			1500	SLIDING DOOR
GWH-1		840		20	1	21	В	22	1	20		1500		SLIDING DOOR
GWH-2			1080	20	1	23	С	24	2	30	2500			UH-1
CP-1	240			20	1	25	Α	26					2500	
CP-2		240		20	1	27	В	28	2	30		2500		UH-2
RC-1			1320	20	3	29	С	30			2500			
	1320					31	Α	32	1	20			1800	WH-1
		1320				33	В	34	1	20		1800		WH-2
RC-2			1320	20	3	35	С	36	1	20	1800			WH-3
	1320					37	Α	38	1	20			1800	WH-4
		1320				39	В	40	1	20		1800		WH-5
TB			500	20	1	41	С	42	1	20	240			RH-1
SLIDING DOOR	1500			20	1	43	Α	44	1	20			500	FF-1
SPARE				20	1	45	В	46	1	20				SPARE
SPARE				20	1	47	С	48	1	20				SPARE
SPACE					1	49	Α	50	1					SPACE
SPACE					1	51	В	52	1					SPACE
SPACE					1	53	С	54	1					SPACE
	4791	3936	4436								13140	14200	8700	
VOLT AMPS	BUS A	13491				REMA	RKS:	54 PO	LE	PANEL				
	BUS B	18136						42.0 K	AIC	MINIMU	JM			
	BUS C	17576						SECT	ON	2 OF 2				
	TOTAL	49203						* PRO	VID	E GFI BI	REAKER			

VOLTAGE	120	208										LOCATIO	DN NC	MECH
PHASE 3 WIRE 4				PANEL			EM	EQ				MOUNTI		SURFACE
BUS AMPS	4	00		MAIN A		s	40	00				MAIN		LUGS
DESCRIPTION	\	OLT AMP	3	BRKR		СКТ	BUS	СКТ	E	BRKR	\	OLT AMP	S	DESCRIPTION
	А	В	С	AMP	Р	NO	CONN	NO	Р	AMP	С	В	Α	
PIT LTS.	200			20	1	1	Α	2	3	100			7452	ELEVATOR
SERVICE PIT LTS.		200		20	1	3	В	4				7452		
RECEPT.			200	20	1	5	С	6			7452			
SP-1	1176			20	1	7	Α	8	3	20			1320	JOCKEY PUMP
RECEPT.		200		20	1	9	В	10				1320		
SERVICE RECEPT.			200	20	1	11	С	12			1320			
SP-2	1176			20	1	13	Α	14	3	60			5760	STAIR PRESS FAN
CAB LTS.		200		20	1	15	В	16				5760		
CAB LTS.			200	20	1	17	С	18			5760			
SERVICE CAB LTS.	200			20	1	19	Α	20	3	60			5760	STAIR PRESS FAN
RECEPT.		200		20	1	21	В	22				5760		
RECEPT.			200	20	1	23	С	24			5760			
SERVICE RECEPT.	200			20	1	25	Α	26	3					SPACE
SPARE				20	1	27	В	28						
SPARE				20	1	29	С	30						
SPARE				20	1	31	Α	32	3					SPACE
SPARE				20	1	33	В	34						
SPARE				20	1	35	С	36						
SPACE					1	37	Α	38	1					SPACE
SPACE					1	39	В	40	1					SPACE
SPACE					1	41	С	42	1					SPACE
TOTALS	2952	800	800								20292	20292	20292	
VOLT AMPS	BUS A	23244				REMA	RKS	60 3 K	ΔΙΟ	MINIMU	IM			
VOLI / NVII O	BUS B	21092				· \LIVIA		00.010	, 110	TAILL ALLAIC	2141			
	BUS C	21092												
	TOTAL	65428												

88	LT AMPS B 7754	S C	PANEL MAIN A BRKR AMP	MPS	CKT NO		5/7/8/10 00 CKT NO	<b>—</b>	BRKR	\	MOUNTI MAIN /OLT AMP:		SURFACE LUGS DESCRIPTION
VOL	В		BRKR AMP		СКТ	BUS	СКТ	<b>—</b>	BRKR	\		s	
88	В		AMP	_				<b>—</b>	BRKR	\	/OLT AMP:	s	DESCRIPTION
88		С		Р									DESCRIPTION
	7754		100				INO	Р	AMP	С	В	Α	
	7754		100	2	1	Α	2	2	100			11256	PANEL B2
	1104				3	В	4				10806		
		13858	100	2	5	С	6	1	20	578			CORRIDOR LIGHTS
50					7	A	8	1	20			227	CORRIDOR LIGHTS
1	10388		100	2	9	В	10	1	20		800		CORRIDOR RECEPT.
		7754			11	С	12	1	20	600			CORRIDOR RECEPT.
56			100	2	13	Α	14	1	20			600	CORRIDOR RECEPT.
1	10806				15	В	16	1	20		800		CORRIDOR RECEPT.
		10388	100	2	17	С	18	1	20	500			ТВ
54					19	Α	20	1	20				SPARE
1	11256		100	2	21	В	22	1	20				SPARE
		10806			23	С	24	1	20				SPARE
56			100	2	25	Α	26	1	20				SPARE
1	10806				27	В	28	1					SPACE
		11256	100	2	29	С	30	1					SPACE
06					31	Α	32	1					SPACE
1	11256		100	2	33	В	34	1					SPACE
		10806			35	С	36	1					SPACE
56			100	2	37	Α	38	1	20			50	F-A
1	10806				39	В	40	1	20		50		F-B
			20	1	41	С	42	1	20				SPARE
66 7	73072	64868								1678	12456	12133	
3	256	256	7754 256 10806 10888 54 11256 10806 256 10806 11256 10806 256 10806	7754 256 10806 10806 11256 10806 256 10806 11256 10806 11256 10806 11256 10806 256 10806 256 10806 256 260 270	7754	7754	7754	7754         11         C         12           256         100         2         13         A         14           10806         15         B         16           10388         100         2         17         C         18           54         19         A         20           11256         100         2         21         B         22           10806         23         C         24           256         100         2         25         A         26           10806         27         B         28           306         31         A         32           11256         100         2         29         C         30           30         11256         100         2         33         B         34           256         100         2         33         B         34           256         100         2         37         A         38           10806         35         C         36           256         100         2         37         A         38           10806         39	256         100         2         13         A         14         1           10806         15         B         16         1           54         19         A         20         1           11256         100         2         21         B         22         1           10806         23         C         24         1         2         25         A         26         1         2         25         A         26         1         2         27         B         28         1         306         11256         100         2         29         C         30         1         36         31         A         32         1         36         1         32         1         34         1         36         1         35         C         36         1         36         1         38         1         38         1         38         1         38         1         38         1         38         1         38         1         38         1         38         1         38         1         38         1         38         1         38         1         38         1         <	11	11	100   2   13   A   14   1   20   600   10806   15   B   16   1   20   800   10388   100   2   17   C   18   1   20   500   11256   100   2   25   A   26   1   20   25   A   26   1   20   20   20   20   20   20   20	100   110   2   13   A   14   1   20   600   6

VOLTAGE	120	208										LOCATION	NC	STOR. 124
PHASE 3 WIRE 4				PANEL			EM	ILS				MOUNT	NG	SURFACE
BUS AMPS	1	00		MAIN A	MP:	S	10	00				MAIN		LUGS
DESCRIPTION	\	VOLT AMP	S	BRKR		СКТ	BUS	СКТ	E	BRKR	\	OLT AMP	S	DESCRIPTION
	Α	В	С	AMP	Р	NO	CONN		Р	AMP	С	В	Α	
LIGHTS	610			20	1	1	Α	2	2	60			3870	PANELS ELS2 THRU ELS10
STAIR LIGHTS		1500		20	1	3	В	4				0		
STAIR LIGHTS			1500	20	1	5	С	6	1	20	1500			FACP
GEN STATUS PANEL	500			20	1	7	Α	8	1	20				SPARE
GEN HTR		1000		20	1	9	В	10	1	20		285		LIGHTS
GEN BAT			500	20	1	11	С	12	1	20	200			LIGHTS
EXIST. GEN HTR	1000			20	1	13	Α	14	1	20				SPARE
EXIST GEN BAT		500		20	1	15	В	16	1	20				SPARE
SPARE				20	1	17	С	18	1					SPACE
SPARE				20	1	19	Α	20	1					SPACE
SPACE					1	21	В	22	1					SPACE
SPACE					1	23	С	24	1					SPACE
SPACE					1	25	Α	26	1					SPACE
SPACE					1	27	В	28	1					SPACE
SPACE					1	29	С	30	1					SPACE
TOTALS	2110	3000	2000								1700	285	3870	
VOLT AMPS	BUS A	5980				REMA	RKS:	30 PO	LE F	PANEL				
	BUS B	3285								MINIMU	IM			
	BUS C	3700												
	TOTAL	12965												

VOLTAGE	120	240								LOCATI	ON	ELECTRICAL ROOM
PHASE 1 WIRE 3					PANEL	ELS2/3/4/	5/6/7/8/9/10	_		MOUNT	ING	SURFACE
BUS AMPS	6	60	_	N	MAIN AMPS	(	30	_		MAIN		LUGS
DESCRIPTION	VOLT	AMPS	BRKR		CKT	BUS	СКТ	E	BRKR	VOLT	AMPS	DESCRIPTION
	Α	В	AMP	Р	NO	CONN	NO	Р	AMP	В	А	
LIGHTS	430		20	1	1	Α	2	1	20			SPARE
SPARE			20	1	3	В	4	1	20			SPARE
SPACE				1	5	Α	6	1				SPACE
SPACE				1	7	В	8	1				SPACE
SPACE				1	9	Α	10	1				SPACE
SPACE				1	11	В	12	1				SPACE
TOTALS	430	0								0	0	
VOLT AMPS	BUS A	420					12 POLE P	ANIE				
VOLI AIVIPO		430	_		REMARKS:				_			
	BUS B	0	10.0 KAIC MINIMUM									
	TOTAL	430	0 PROVIDE FEED THRU LUGS									

400  VOLT AM  B  1035  1000  1000  800  600  1500	PS C 779 400 800 600 600	PANEL MAIN A  BRKR AMP 20 20 20 20 20 20 20 20 20 20 20 20 20	P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CKT NO 1 3 5 7 9 11 13 15 17 19 21 23 25 27	BUS CONN A B C A B B C C C A B B C C C A B B C C C C	CKT NO 2 4 6 8 10 12 14 16 18 20 22 24 26 28	FP 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	BRKR AMP 20 20 20 20 20 20 20 20 20 20 20 20 20	1500 1500	MOUNTI MAIN  /OLT AMP  B  1000  1500  1500		DESCRIPTION  MEETING RECEPT. LIGHTS EXERCISE RECEPT. FITNESS EQUIP.
VOLT AM  B  1035  1000  1000  800  600	779 400 800	BRKR AMP 20 20 20 20 20 20 20 20 20 20 20 20 20	P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CKT NO 1 3 5 7 9 11 13 15 17 19 21 23 25 27	BUS CONN A B C A B C A B C A B C A B C A B C A B C A B C A B C A B B B C A B B B C A B B B C A B B B C B B B B	CKT NO 2 4 6 8 10 12 14 16 18 20 22 24	P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AMP 20 20 20 20 20 20 20 20 20 20 20 20 20	1500	/OLT AMP: B 1000 1500	1500 1500	DESCRIPTION  MEETING RECEPT. LIGHTS EXERCISE RECEPT. FITNESS EQUIP.
1000 1000 1000 800	779 400 800	AMP 20 20 20 20 20 20 20 20 20 20 20 20 20	P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NO 1 3 5 7 9 11 13 15 17 19 21 23 25 27	CONN A B C A B B C A B B C A B B C A B B C A B B C A B B C A B B C A B B C B C	NO 2 4 6 8 10 12 14 16 18 20 22 24 26	P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AMP 20 20 20 20 20 20 20 20 20 20 20 20 20	1500	1500 1500	1500 1500	MEETING RECEPT. LIGHTS EXERCISE RECEPT. FITNESS EQUIP.
1035	779 400 800	20 20 20 20 20 20 20 20 20 20 20 20 20 2	11 11 11 11 11 11 11 11 11 11 11 11	1 3 5 7 9 11 13 15 17 19 21 23 25 27	A B C A B C A B B C A B B C A B B C A B B C C A B B C C A B B C C A B B C C A B B C C A B B C C A B B B C C A B B B C C A B B B C C A B B B C C A B B B C C A B B B C C A B B B C C A B B B C C A B B B C C A B B B C C A B B B C C A B B B C C C A B B B C C C A B B B C C C A B B B C C C A B B B C C C C	2 4 6 8 10 12 14 16 18 20 22 24 26	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 20 20 20 20 20 20 20 20 20 20 20 20 2	400 1500 1500	1500	1500 1500	MEETING RECEPT. LIGHTS EXERCISE RECEPT. FITNESS EQUIP.
1000	800	20 20 20 20 20 20 20 20 20 20 20 20 20 2	11 11 11 11 11 11 11 11 11 11 11	3 5 7 9 11 13 15 17 19 21 23 25 27	B C A B C A B B C A B B C B B C B B C B B C B B B C B B B C B	4 6 8 10 12 14 16 18 20 22 24 26	1 1 1 1 1 1 1 1 1 1 1	20 20 20 20 20 20 20 20 20 20 20 20 20	1500	1500	1500 1500 1500	LIGHTS  EXERCISE RECEPT.  FITNESS EQUIP.
1000	800	20 20 20 20 20 20 20 20 20 20 20 20 20 2	11 11 11 11 11 11 11 11 11 11	5 7 9 11 13 15 17 19 21 23 25 27	C A B C A B C A B B C B B C B B C B B C B B C B B C B B C B B B C B B B B C B B B B B C B	6 8 10 12 14 16 18 20 22 24 26	1 1 1 1 1 1 1 1 1	20 20 20 20 20 20 20 20 20 20 20 20	1500	1500	1500	EXERCISE RECEPT.  FITNESS EQUIP.
800	800	20 20 20 20 20 20 20 20 20 20 20 20 20	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 9 11 13 15 17 19 21 23 25 27	A B C A B C A B C A B B C	8 10 12 14 16 18 20 22 24 26	1 1 1 1 1 1 1 1 1	20 20 20 20 20 20 20 20 20 20	1500	1500	1500	FITNESS EQUIP.
800	800	20 20 20 20 20 20 20 20 20 20 20 20	1 1 1 1 1 1 1 1 1	9 11 13 15 17 19 21 23 25 27	B C A B C A B B C	10 12 14 16 18 20 22 24 26	1 1 1 1 1 1 1	20 20 20 20 20 20 20 20 20	1500	1500	1500	FITNESS EQUIP.
800	800	20 20 20 20 20 20 20 20 20 20	1 1 1 1 1 1 1 1	11 13 15 17 19 21 23 25 27	C A B C A B C A B	12 14 16 18 20 22 24 26	1 1 1 1 1 1	20 20 20 20 20 20 20 20	1500	1500	1500	FITNESS EQUIP. FITNESS EQUIP. FITNESS EQUIP. FITNESS EQUIP. FITNESS EQUIP. FITNESS EQUIP.
800	800	20 20 20 20 20 20 20 20 20 20	1 1 1 1 1 1 1	13 15 17 19 21 23 25 27	A B C A B C A B C	14 16 18 20 22 24 26	1 1 1 1 1 1	20 20 20 20 20 20 20	1500		1500	FITNESS EQUIP. FITNESS EQUIP. FITNESS EQUIP. FITNESS EQUIP. FITNESS EQUIP. FITNESS EQUIP.
800	600	20 20 20 20 20 20 20 20	1 1 1 1 1 1	15 17 19 21 23 25 27	B C A B C A B	16 18 20 22 24 26	1 1 1 1 1	20 20 20 20 20 20 20			1500	FITNESS EQUIP. FITNESS EQUIP. FITNESS EQUIP. FITNESS EQUIP.
800	600	20 20 20 20 20 20 20	1 1 1 1 1	17 19 21 23 25 27	C A B C A B	18 20 22 24 26	1 1 1 1	20 20 20 20				FITNESS EQUIP. FITNESS EQUIP. FITNESS EQUIP.
600	600	20 20 20 20 20 20	1 1 1 1	19 21 23 25 27	A B C A B	20 22 24 26	1 1 1	20 20 20		1500		FITNESS EQUIP. FITNESS EQUIP. FITNESS EQUIP.
600		20 20 20 20 20	1 1 1	21 23 25 27	B C A B	22 24 26	1 1 1	20 20	1500	1500		FITNESS EQUIP. FITNESS EQUIP.
600		20 20 20	1 1 1	23 25 27	C A B	24 26	1	20	1500	1500	1500	FITNESS EQUIP.
600		20	1	25 27	A B	26	1		1500		1500	
600	600	20	1	27	В			20			1500	FITNESS FOLID
	600				1	28	1					I TINEGO EQUIF.
1500	600	20	1					20		1500		FITNESS EQUIP.
1500			1	29	С	30	1	20	800			OFFICE RECEPT.
1500	1	20	1	31	Α	32	1	20			1000	MECH RECEPT.
1 1000		20	1	33	В	34	1	20		800		LIGHTS
	800	20	1	35	С	36	2	20	951			HVAC / VRF
		20	1	37	Α	38					951	
800		20	1	39	В	40	2	20		624		HVAC / VRF
	1000	20	1	41	С	42			624			
)		20	1	43	Α	44	1	20			1000	LIGHTS
1500		20	1	45	В	46	1	20				SPARE
	1500	20	1	47	С	48	1	20				SPARE
		20	2	49	Α	50	1	20				SPARE
510				51	В	52	1					SPACE
		20	1	53	С	54	1					SPACE
8745	6479								7275	8424	9751	
13754	_ _ _			REMA	RKS:	42.0 K	AIC ION					
3	510 8 8745 16759 17169	1500 1500 510 3 8745 6479 16759 17169 13754	1500 20 1500 20 20 510 20 3 8745 6479 16759 17169 13754	1500 20 1 1500 20 1 1500 20 1 20 2 1510 20 1 3 8745 6479  16759 17169 13754	1500 20 1 45 1500 20 1 47 20 2 49 510 51 20 1 53 8 8745 6479 REMA	1500 20 1 45 B 1500 20 1 47 C 20 2 49 A 510 51 B 20 1 53 C 3 8745 6479 REMARKS:	1500 20 1 45 B 46 1500 20 1 47 C 48 20 2 49 A 50 510 51 B 52 20 1 53 C 54 3 8745 6479 REMARKS: 54 PO 17169 13754 47682 FEED	1500	1500 20 1 45 B 46 1 20 1500 20 1 47 C 48 1 20 20 2 49 A 50 1 20 510 51 B 52 1 20 1 53 C 54 1 3 8745 6479 REMARKS: 54 POLE PANEL 42.0 KAIC MINIML SECTION 1 OF 2 FEED THRU LUGS	1500	1500	1500

VOLTAGE	120	208										LOCATIO	NC	ELEC.
PHASE 3 WIRE 4				PANEL			HP3	3/6/9				MOUNTI	NG	SURFACE
BUS AMPS	40	00		MAIN A	MP:	S	40	00				MAIN		LUGS
DESCRIPTION	\	OLT AMP	S	BRKR		СКТ	BUS	СКТ	E	3RKR	\	/OLT AMP	S	DESCRIPTION
22001	Α	В	С	AMP	Р	NO	CONN		Р	AMP	С	В	Α	22331 11311
PANEL B1	10388			100	2	1	Α	2	2	100			11256	PANEL B2
		7754				3	В	4				10806		
PANEL B2			11256	100	2	5	С	6	1	20	578			CORRIDOR LIGHTS
	10806					7	Α	8	1	20			227	CORRIDOR LIGHTS
PANEL B1		10388		100	2	9	В	10	1	20		800		CORRIDOR RECEPT
			7754			11	С	12	1	20	600			CORRIDOR RECEPT.
PANEL B2	11256			100	2	13	Α	14	1	20			600	CORRIDOR RECEPT.
		10806				15	В	16	1	20		800		CORRIDOR RECEPT.
PANEL B1			10388	100	2	17	С	18	1	20	460			LAUNDRY LTS. / RCPT.
	10388					19	Α	20	1	20			1500	* WASHER
PANEL B2		11256		100	2	21	В	22	1	20		1500		* WASHER
			10806			23	С	24	1	20	1500			* WASHER
PANEL B2	11256			100	2	25	Α	26	2	30			2250	DRYER
		10806				27	В	28				2250		
PANEL B2			11256	100	2	29	С	30	2	30	2250			DRYER
	10806					31	Α	32					2250	
PANEL B2		11256		100	2	33	В	34	2	30		2250		DRYER
			10806			35	С	36			2250			
PANEL B2	11256			100	2	37	Α	38	1	20			50	F-A
		10806				39	В	40	1	20		50		F-B
ТВ			500	20	1	41	С	42	1	20				SPARE
SPARE				20	1	43	Α	44	1	20				SPARE
SPARE				20	1	45	В	46	1	20				SPARE
SPACE					1	47	С	48	1					SPACE
SPACE					1	49	Α	50	1					SPACE
SPACE					1	51	В	52	1					SPACE
SPACE					1	53	С	54	1					SPACE
TOTALS	76156	73072	62766								7638	18456	18133	
VOLT AMPS	BUS A	94289				RFMA	RKS:	54 PO	IFI	PANFI				
_ · · · · · · · · · · · · · · · · · · ·	BUS B	91528								MINIML	JM			
	BUS C	70404												
	TOTAL	256221								_ 0	,			

VOLTAGE	120	208										LOCATION	ON	ELECTRICAL
PHASE 3 WIRE 4			-	PANEL			HE	PR				MOUNTI		SURFACE
BUS AMPS	60	00		MAIN A		S	60	00				MAIN		LUGS
DESCRIPTION		/OLT AMP	 S	BRKR		СКТ	BUS	СКТ	E	BRKR		OLT AMP	 S	DESCRIPTION
DESCRIPTION	Α	В	С	AMP	Р	NO	CONN		Р	AMP	С	В	Α	DESCRIPTION
DOAS-1	17424			225	3	1	Α	2	3	225			17424	DOAS-2
		17424				3	В	4				17424		
			17424			5	С	6			17424			
EF-1N	1176			20	1	7	Α	8	1	20			200	RECEPT.
EF-1S		1176		20	1	9	В	10	1	20		500		ROOF LIGHTS
EF-2N			1176	20	1	11	С	12	1	20	528			EF-7
EF-2S	1176			20	1	13	Α	14	1	25			1656	EF-8
EF-3N		528		20	1	15	В	16	1	20		528		EF-9
EF-3S			528	20	1	17	С	18	1	20	528			EF-10
EF-4	528			20	1	19	Α	20	1	20			528	EF-11
EF-5		528		20	1	21	В	22	1	20		528		EF-12
EF-6			696	20	1	23	С	24	1	20				SPARE
INDOOR LIGHTS	500			20	1	25	Α	26	1	20				SPARE
IHP		2880		30	3	27	В	28	1	20				SPARE
			2880			29	С	30	1	20				SPARE
	2880					31	Α	32	1					SPACE
OHP		2880		30	3	33	В	34	1					SPACE
			2880			35	С	36	1					SPACE
	2880					37	Α	38	1					SPACE
ROOF RECEPT.		800		20	1	39	В	40	1					SPACE
ROOF RECEPT.			600	20	1	41	С	42	1					SPACE
TOTALS	26564	26216	26184								18480	18980	19808	
VOLT AMPS	BUS A	46372				REMA	RKS:	33.6 K	AIC	MINIMU	JM			
	BUS B	45196												
	BUS C TOTAL	44664 136232												



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SEALS



## W.C. ERVIN TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901

SCHEDULES

XX/XX/20XX PHASE OR ISSUE

MARK DATE DESCRIPTION

DATE: 1/10/2023

FILE: 20221006 ERVIN TOWERS

DRAWN BY: TW

CONSULTANTS, INC.

175 NEW ST.,STE.1

MACON, GA 31201

EDC\* M21054

E504

CHK'D BY: JM

## ELEVATOR NOTES: (DETAIL 1/E601 ONLY)

(A) THE CONTRACTOR SHALL:
COORDINATE AMONG THE CONTRACTOR, SUBCONTRACTORS AND ELEVATOR SUPPLIER.

SUBMIT AND COORDINATE ELEVATORS BOTH IN ADVANCE OF INSTALLATION AND BEFORE STUBBING OF THE CIRCUITS. SUBMIT ELECTRICAL EQUIPMENT FOR ELEVATORS ACTUALLY PROVIDED.

COORDINATE ELEVATOR WORK REGARDLESS OF THE DIVISION UNDER WHICH WORK IS SHOWN.

- B PROVIDE ELEVATOR WORK IN CONFORMANCE WITH THE APPLICABLE PROVISIONS OF THE INTERNATIONAL BUILDING CODE CHAPTER 30.
- C THE CONTRACTOR SHALL PROVIDE THE FOLLOWING WORK: ELEVATOR CONTROL STATIONS AND RELATED CIRCUITING

CONTROL CIRCUITING AND INTERLOCKS INCLUDING CONTROL "CARDS"

POSITION. REFERENCE NEC SECTIONS 620-22 AND 620.52.

INITIATE FIREMAN'S EMERGENCY RETURN PER ANSIAI7.IRULE 211.36.

OTHER ITEMS REQUIRED BY THE ELEVATOR SUPPLIER OR CODES

EQUIPMENT ARRANGEMENT IN THE ELEVATOR CONTROL ROOM AS RECOMMENDED BY THE ELEVATOR SUPPLIER AND REQUIRED BY APPLICABLE CODES.

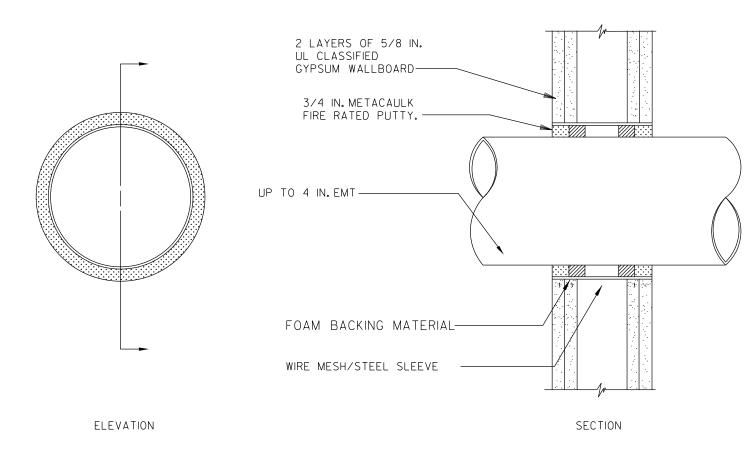
- D PER ANSIAI7. RULE 1061E, EACH ELEVATOR PIT SHALL BE PROVIDED A PERMANENT FIXTURE AND GFI RECEPTACLE BELOW THE ELEVATOR WITH A SWITCH ACCESSIBLE AT THE TOP OF THE PIT LADDER OR THRU THE PIT ACCESS DOOR.
- E ELEVATOR CONTROL ROOM SHALL BE:
  PER ANSIAI7.IRULE 101.5, PROVIDED 10 FOOTCANDELS ILLUMINATION MINIMUM AT FLOOR LEVEL
  PROVIDED DISCONNECTS FOR EACH CAR'S 110 VAC LIGHTING. DISCONNECTS SHALL

CONSIST OF SEPARATELY ENCLOSED I-POLE BREAKERS LOCKABLE IN THE "OFF"

- F ELEVATOR CONTROL ROOM SHALL:
  IN ELEVATOR CONTROL ROOM, NEAR THE ENTRY DOOR, FOR EACH ELEVATOR, PROVIDE A LOCKABLE
  SHUNT TRIP BREAKER. (REFERENCE NFPA CHAP.70 620-51) MULTIPLE BREAKERS SHALL BE SEPARATELY
  ENCLOSED. SIZE FOR ELEVATORS ACTUALLY PROVIDED. DEVICE SHALL BE FULLY RATED FOR FAULT
  CURRENT AVAILABLE.
  - TWO-HOUR FIRE RATED ELEVATOR CONTROL ROOM:
    SPRINKLER AND AUTOMATIC DISCONNECTING MEANS SHALL NOT BE PROVIDED. REFERENCE GA DEPT OF
    LABOR R&R 300-3-6-.25(c)J
    PROVIDE SMOKE SENSING DEVICE IN EACH ELEVATOR LOBBY HOISTWAY, DEDICATED TO INITIATE FIREMANS
    EMERGENCY RETURN PER ANSIAI7.IRULE 211.35.
  - CONNECT FOUR DRY CONTACTS FROM THE MAIN SMOKE SENSING PANEL TO THE ELEVATOR CONTROLLER FOR OPERATION OF FIRE SERVICE, PER ANSIAI7.IRULE 211.3a.
- G COMMUNICATIONS:
  PROVIDE WORKING TELEPHONE OR INTERCOMS IN EACH CAR WITH NECESSARY WIRING PULLED TO THE ELEVATOR CONTROLLER PER ANSIAI7.IRULE 211.1.
- PROVIDE CONDUIT AND CATEGORY-6 CABLE TO THE COMMUNICATIONS ROOM WITH ONE CABLE PER ELEVATOR CAB. HOMERUNS MAY CONTAIN MULTIPLE CABLES.

  SMOKE DETECTION:
  PROVIDE SMOKE SENSING DEVICES IN EACH ELEVATOR MACHINE ROOM AND LOBBY HOISTWAY DEDICATED TO
  - PER ANSIAI7.IRULE 211.3a CONNECT TWO DRY CONTACTS FROM THE MAIN SMOKE SENSING PANEL TO THE ELEVATOR CONTROLLER FOR FIRE SERVICE.
- PROVIDE ELEVATOR CONTROLS SUCH THAT UPON POWER LOSS, THE ELEVATOR WILL OPEN AT EGRESS LEVEL.

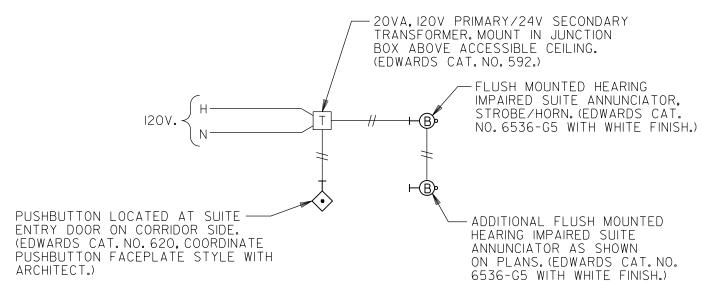
  CONTRACTOR SHALL ARRANGE BREAKERS TO PROVIDE MAXIMUM CLEARANCE. LAYOUT SHOWN IS A CIRCUITING GUIDE



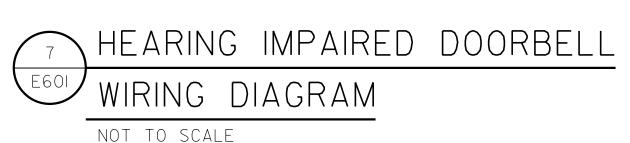
NOTE: WHERE CONDUIT IS USED AS A SLEEVE FOR ROUTING LOW VOLTAGE CABLES THROUGH A RATED WALL, LOCATE CONDUCTORS IN CENTER OF SLEEVE AND FILL OPENING WITH FIRE RATED PUTTY AT EACH END OF SLEEVE.

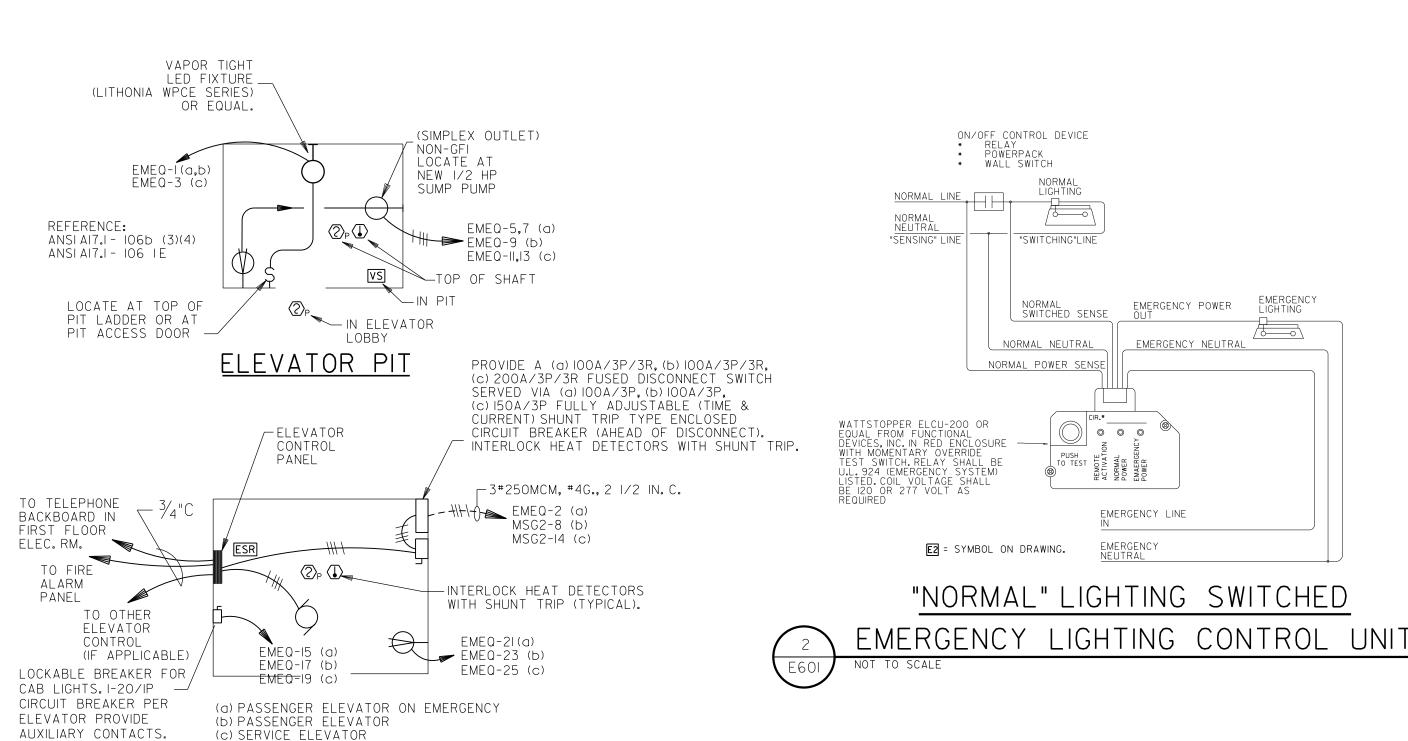
## DETAIL - GYPSUM WALLBOARD PENETRATION

NOT TO SCALE



NOTE: PUSHBUTTON, 24V TRANSFORMER, AND ONE SUITE ANNUNCIATOR ARE INCLUDED IN KIT, EDWARDS CAT. NO. 7005-G5.

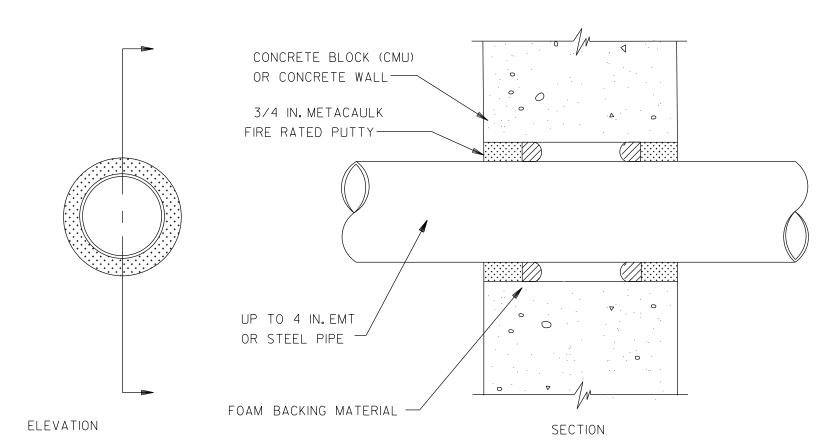




## ELEVATOR MACHINE ROOM

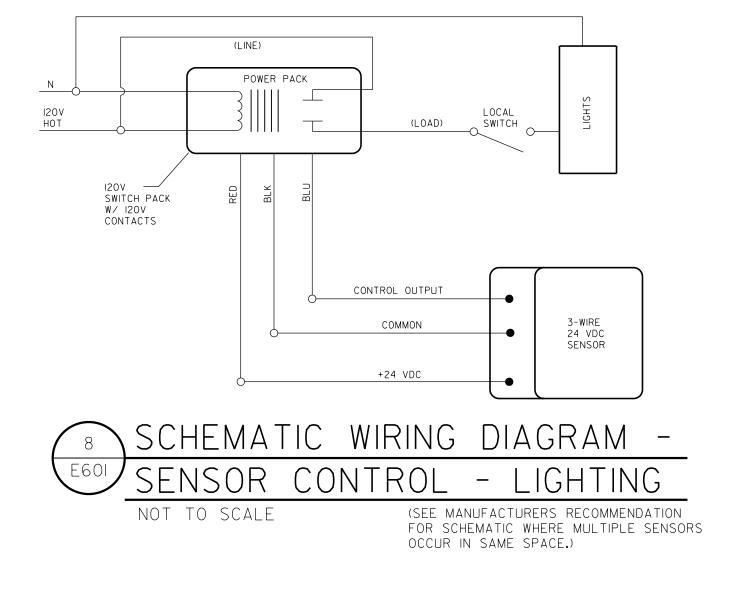
(COORDINATE EXACT ROOM LAYOUT WITH ELEVATOR EQUIPMENT INSTALLER)

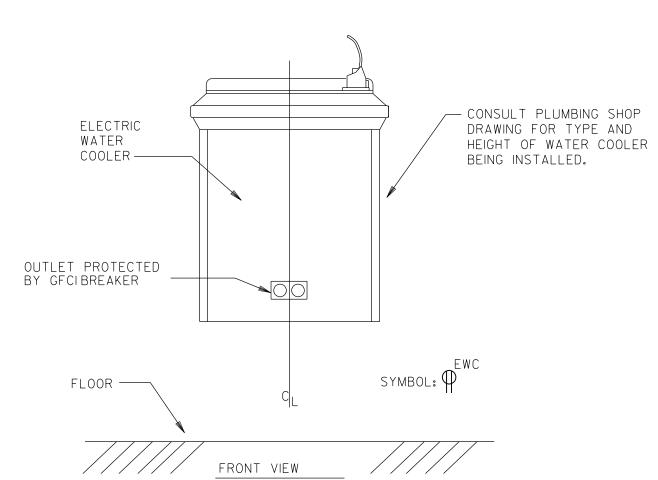




NOTE: WHERE CONDUIT IS USED AS A SLEEVE FOR ROUTING LOW VOLTAGE CABLES THROUGH A RATED WALL, LOCATE CONDUCTORS IN CENTER OF SLEEVE AND FILL OPENING WITH FIRE RATED PUTTY AT EACH END OF SLEEVE.

## DETAIL - CONCRETE WALL PENETRATION NOT TO SCALE









EMERGENCY NEUTRAL

ON/OFF CONTROL DEVICE FIXTURE

EMERGENCY POWER

POWERPACK WALL SWITCH

EMERGENCY LINE

EMERGENCY

"EMERGENCY" LIGHTING SWITCHED

EMERGENCY LIGHTING CONTROL UNIT

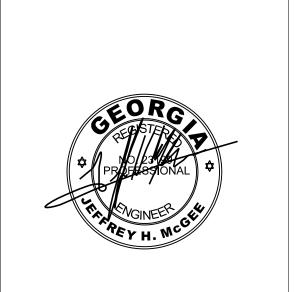
CAP (DO NOT USE) = NORMAL SWITCHED SENSE

EI = SYMBOL ON DRAWING.

NORMAL NEUTRAL

NORMAL POWER SENSE

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W.C. ERVIN TOWERS

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901



XX/XX/20XX PHASE OR ISSUE

DATE: 1/10/2023

FILE: 20221006 ERVIN TOWERS

DRAWN BY: TW

MARK DATE DESCRIPTION

E601

CHK'D BY: JM

**ELECTRICAL DESIGN** 

175 NEW ST.,STE.1 MACON, GA 31201 EDC\* M21054

#### WIRE MANAGEMENT NOTES

#### NOTES:

TIE WRAPS.

- 4. ALL J- HOOKS SHALL BE SPACED NO MORE THAN 48 INCHES APART AND NO MORE THAN 12 INCHES FROM THE CORNER OF ANY SPACE.
- PROVIDE J-HOOKS NO MORE THAN 12 INCHES AWAY FROM CONDUIT SLEEVES.
- ...J-HOOKS ARE (2) ROWS: SPACING BETWEEN THE ROWS SHALL BE 12 INCHES.
- CONDUIT SLEEVES SHALL BE AT THE SAME LEVEL AS THE ROWS OF J-HOOKS.
- E. FIRE SEAL AROUND ALL CONDUIT SLEEVES AS SHOWN IN DETAILS ON SHEET E7.1. SEE ARCHITECTURAL SHEET FOR REQUIRED RATINGS.
- COORDINATE THE EXACT LEVEL OF J-HOOKS AND CONDUIT SLEEVES WITH OTHER TRADES PRIOR TO ROUGHING.
- 5. J-HOOKS SHALL NOT BE SUPPORTED BY GYPSUM WALL BOARD. J-HOOKS SHALL BE SUPPORTED BY BLOCK WALL OR STUD. SEE ARCHITECTURAL PLAN FOR WALL MATERIALS.
- H. ALL CABLING SHALL BE NEATLY BUNDLED UTILIZING
- . J-HOOKS SHALL SUPPORT CABLING FOR: DATA, TELEPHONE, CABLE TV/CCTV.
- J. ONE ROW SHALL SUPPORT DATA/TELEPHONE CABLING. ONE ROW SHALL SUPPORT TV SYSTEMS.
- K.SEE DETAIL 5/E601, CONCRETE WALL PENETRATION.

L.SEE DETAIL 4/E601, GYPSUM WALLBOARD PENETRATION.

M.WHERE J-HOOKS ARE SHOWN ABOVE SOLID SOFFITS MORE THAN TWO FEET WIDE, PROVIDE J-HOOKS HUNG FROM STRUCTURE (4 HOOKS PRE 3/8 IN THREADED ROD.

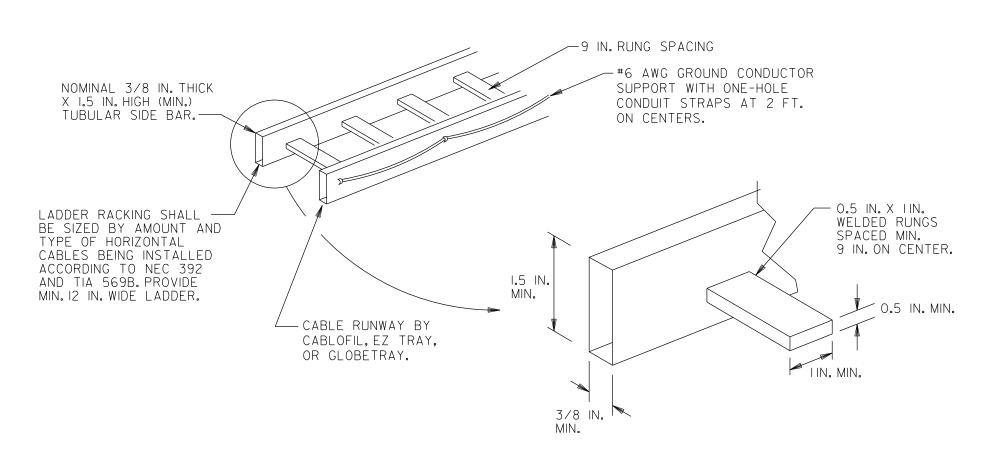
## GENERAL NOTES: (TV, TEL, DATA CABLING)

- I. ADDITIONAL 2 IN. WALL SLEEVES AND WALL PENETRATIONS WILL BE REQUIRED FOR NETWORK CABLING, PROVIDE AS NECESSARY AND FIRESTOP ALL PENETRATIONS THROUGH RATED WALLS.
- 2. ALL JACKS SHALL BE PROVIDED WITH ICON DENOTING DATA OR VOICE OUTLET. OUTLET SHALL BE LABELED WITH FOLLOWING NOMENCLATURE.
  - L JACK NUMBER MDF OR IDF DESIGNATION FROM WHICH JACK IS SERVED. - D OR V INDICATING VOICE OR DATA OUTLET.
- 3. PROVIDE METAL D-RING OR RING RUNS AS NECESSARY TO PROPERLY LACE AND SUPPORT ALL CABLING AT BACKBOARDS.

ALL PATCH PANELS AND 110 BLOCKS SHALL BE

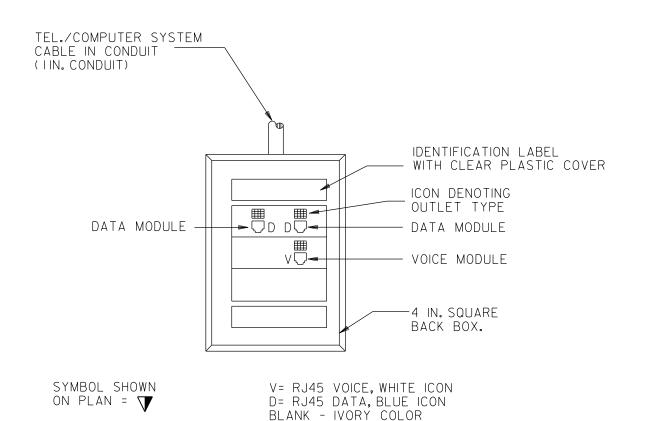
CORRESPONDINGLY LABELED.

- 4. REFER TO 1/8 IN. PLANS SHOWING OUTLET LOCATIONS, PANEL LOCATIONS, CEILING TYPES, ETC.
- 5. GROUND ALL RACKS WITH #6 COPPER LOCATED AT EACH BACKBOARD. CONTRACTOR SHALL ROUTE #6G, 3/4 IN. C. TO GROUND PLATE. PROVIDE 12 IN. CABLE RUNWAY SPANNING FROM TOP OF RACK TO WALL AND TURNED UP TO ABOVE DROP TILE CEILING IN ORDER TO ROUTE CABLE TO RACK. AT EACH RACK LOCATION PROVIDE A 3/4 IN. ×4 FT. ×8 FT. BACKBOARD PAINTED WITH TWO COATS OF BLACK FIRE RETARDANT PAINT.
- 6. TY-WRAPS SHALL NOT BE CINCHED DOWN TIGHT ENOUGH TO DEFORM CABLES. MAINTAIN MINIMUM BEND RADIUS ON FIBER, TIE CABLES, STATION WIRES, AND PATCH CORDS.
- 7. REFER TO SPECIFICATIONS FOR CABLING. ALL CABLING SHALL BE PLENUM RATED.
- 8. PROVIDE VELCRO CABLE WRAPS AT RACKS TO PROPERLY LACE AND TRAIN PATCH CORDS AT RACKS IN AN ORDERLY
- 9. FIELD VERIFY MOUNTING SPACE IN DATA RACK ROOM. PROVIDE WALL MOUNTED RACKS WHERE NECESSARY.
- IO. CABLING FOR CABLE TV, TEL., AND COMPUTER DATA SHALL BE ROUTED VIA J-HOOK AND CABLE TRAY SYSTEM. PROVIDE CONDUIT TO 6 IN. ABOVE ACCESSIBLE CEILING. BUNDLE CABLES, SLEEVE THROUGH CORRIDOR WALL USING 2 IN.C. UNLESS NOTED OTHERWISE.
- II. RACK MOUNTED UPS, PATCH CORDS AND FIBER OPTIC PATCH CORDS ARE INCLUDED IN CONTRACT.
- 12. REFER TO POWER SHEETS FOR ADDITIONAL INFORMATION.



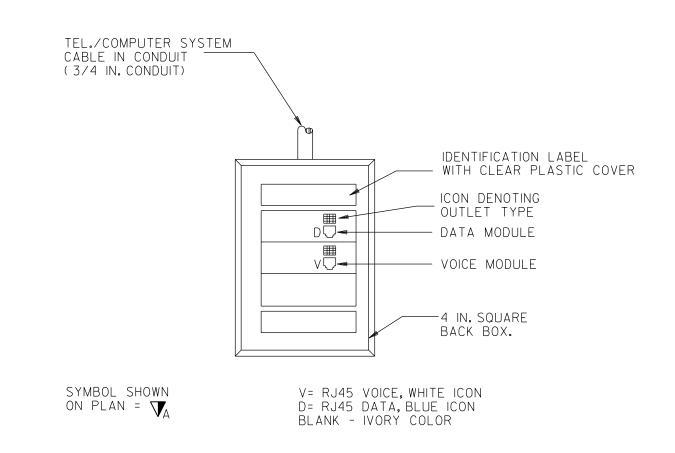
- A. INCLUDE ALL CONNECTING AND OTHER SUPPORT HARDWARE FOR A COMPLETE INSTALLATION INCLUDING BUT NOT LIMITED TO EQUIPMENT RACK RUNWAY MOUNTING PLATES, WALL ANGLE SUPPORT BRACKETS, BUTT SPLICE SWIVELS, JUNCTION SPLICE CONNECTIONS AND GROUNDING KITS.
- B. LADDER TYPE RACKING SHALL BE INSTALLED AT A MINIMUM OF 84 IN. AFF AROUND THE PERIMETER OF ALL MDF AND IDF ROOM AND CONNECTED TO THE TOP OF ALL RACKS. VERTICAL CABLE RACKING SHALL BE INSTALLED ON THE WALLS ABOVE AND/ OR BELOW THE SLEEVES (UTILIZED TO SUPPORT VERTICAL RISER BACKBONE CABLING).
- C. CABLE LADDER RACKING SHALL BE SUPPORTED FROM STRUCTURE ABOVE CEILING USING (2) 3/8 IN. THREADED RODS SPACED AT MAXIMUM 3 FT. INTERVALS. CABLE RUNWAY MAY ALSO BE SUPPORTED FROM WALLS, FLOOR AND/OR RACK PER MANUFACTURER'S WRITTEN INSTRUCTIONS. CABLE RADIUS DROPS SHALL BE ATTACHED TO LADDER RACK STRINGERS OR RUNGS TO FACILITATE CABLE ENTERING THE CABLE TRAY WHILE PROTECTING THE PHYSICAL PROPERTIES OF THE CABLE. CABLES SHOULD BE SECURED TO CABLE RACKING USING VELCRO STYLE CABLE WRAPS TO ARRANGE CABLES IN LOGICAL BUNDLES.

## OVERHEAD LADDER RACKING (CABLE RUNWAY) MDF NOT TO SCALE

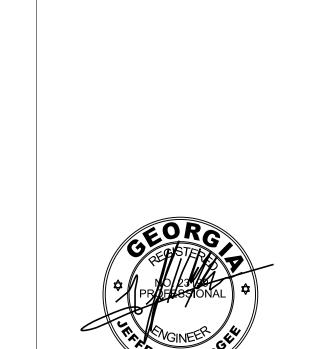


COMBINATION TEL./COMPUTER OUTLET NOT TO SCALE

(OFFICES/PUBLIC AREAS OUTLETS)



COMBINATION TEL./COMPUTER OUTLET NOT TO SCALE (APARTMENT OUTLETS)



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SEALS

## W.C. ERVIN **TOWERS**

1365 LANEY WALKER BLVD AUGUSTA, GEORGIA 30901



DATE: 1/10/2023 FILE: 20221006 ERVIN TOWERS DRAWN BY: TW CHK'D BY: JM

XX/XX/20XX PHASE OR ISSUE

MARK DATE DESCRIPTION

E602

175 NEW ST.,STE.1 MACON, GA 31201 EDC\* M21054

## KEYED NOTES: (DETAIL 3/E602)

- > FIREMANS PHONE JACK.
- 2> PROVIDE (2) CAT 6A TO BISCUIT JACK AT LAY-IN CEILING FOR WIRELESS AP. ROUTE VIA J-HOOK AND LADDER TRAY SYSTEM.
- 3 CCTV CAMERA. PROVIDE CAT 6E VIA J-HOOKAND LADDER TRAY SYSTEM.
- PROVIDE (4) 3 IN. CONDUITS FOR DATA/TEL AND CCTV.
  (I) CONDUIT EACH FOR (3) 50 PAIR EXTERIOR RATED, GEL FILLED COPPER CAT 6. (I) CONDUIT FOR 12 STRAND MULTIMODE FIBER AND 12 STRAND SINGLEMODE FIBER EACH IN INNERDUCT. COORDINATE WITH OWNER FOR EXACT FIBER SPECIFICATIONS AND TERMINATIONS. COORDINATE EXACT DATA/TEL STUB OUT LOCATIONS AT STREET WITH SERVING UTILITY COMPANIES.
- 5 PROVIDE (1) 3 IN. CONDUIT WITH PULL STRING FOR CATV SYSTEM. COORDINATE EXACT STUB OUT LOCATION AT STREET WITH SERVING
- 6> FROM MDF (FIRST FLOOR) TO IDF ON EACH FLOOR: DATA: 2-STRAND FIBER MULTIMODE/2-STRAND FIBER SINGLEMODE IN TEL: 25 PAIR COPPER CABLE TO EACH FLOOR, RISER RATED. CATV: CABLE TO EACH FLOOR BY SERVING UTILITY COMPANY. CCTV: SEE SPECIFICATIONS FOR RISER CABLE FROM HEAD END CABINET TO EACH FLOOR.

