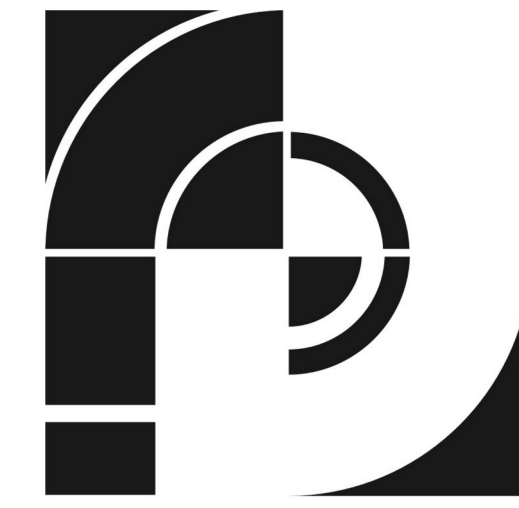


1 SITE PLAN
 A-080 SCALE: 1" = 60'-0"
 PROJECT NORTH

ARCHITECTURE SITE PLAN NOTES:
 1. HATCH AREAS NOT IN SCOPE.



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A DEVELOPMENT BY:

7401 ALCOA RD
 BRYANT, AR 72022

Print Record
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Revisions

No.	Description

Date: 13 MARCH 2018
 Project No.: 2017259.00
 Sheet Title: SITE PLAN

Sheet No. **A-080**
 Released for Construction
 Not Released for Construction



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MARCH 13, 2018

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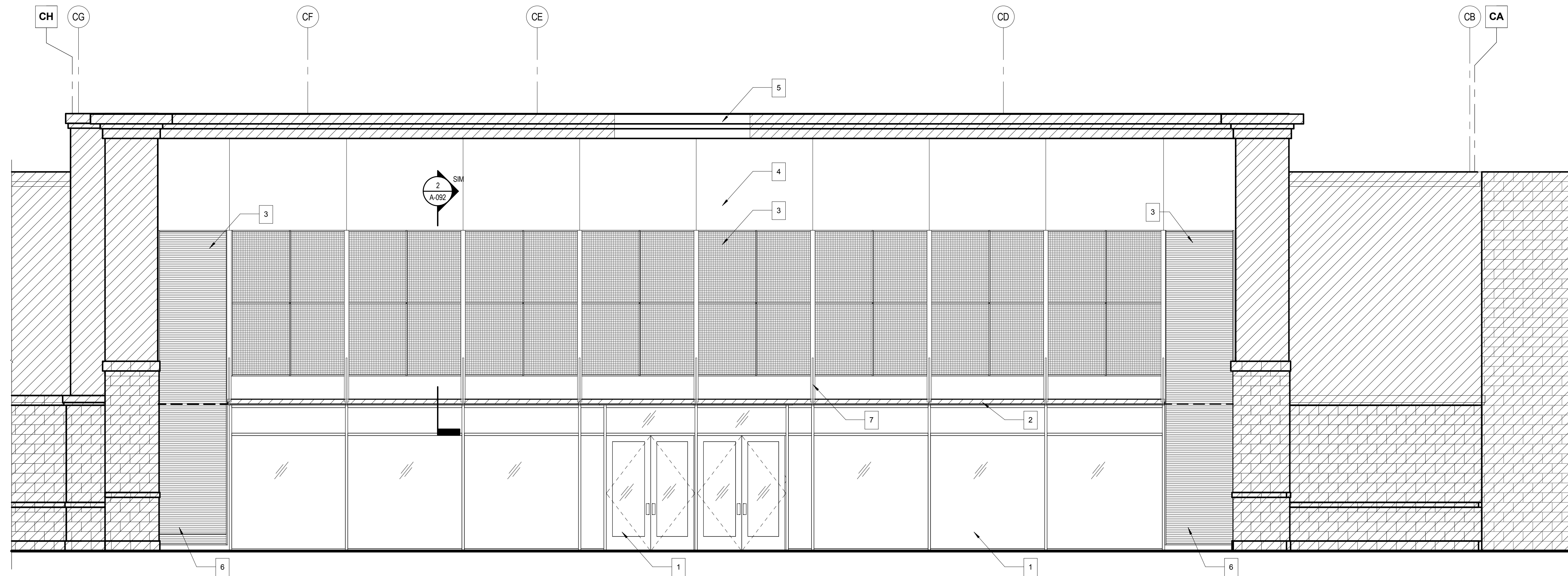
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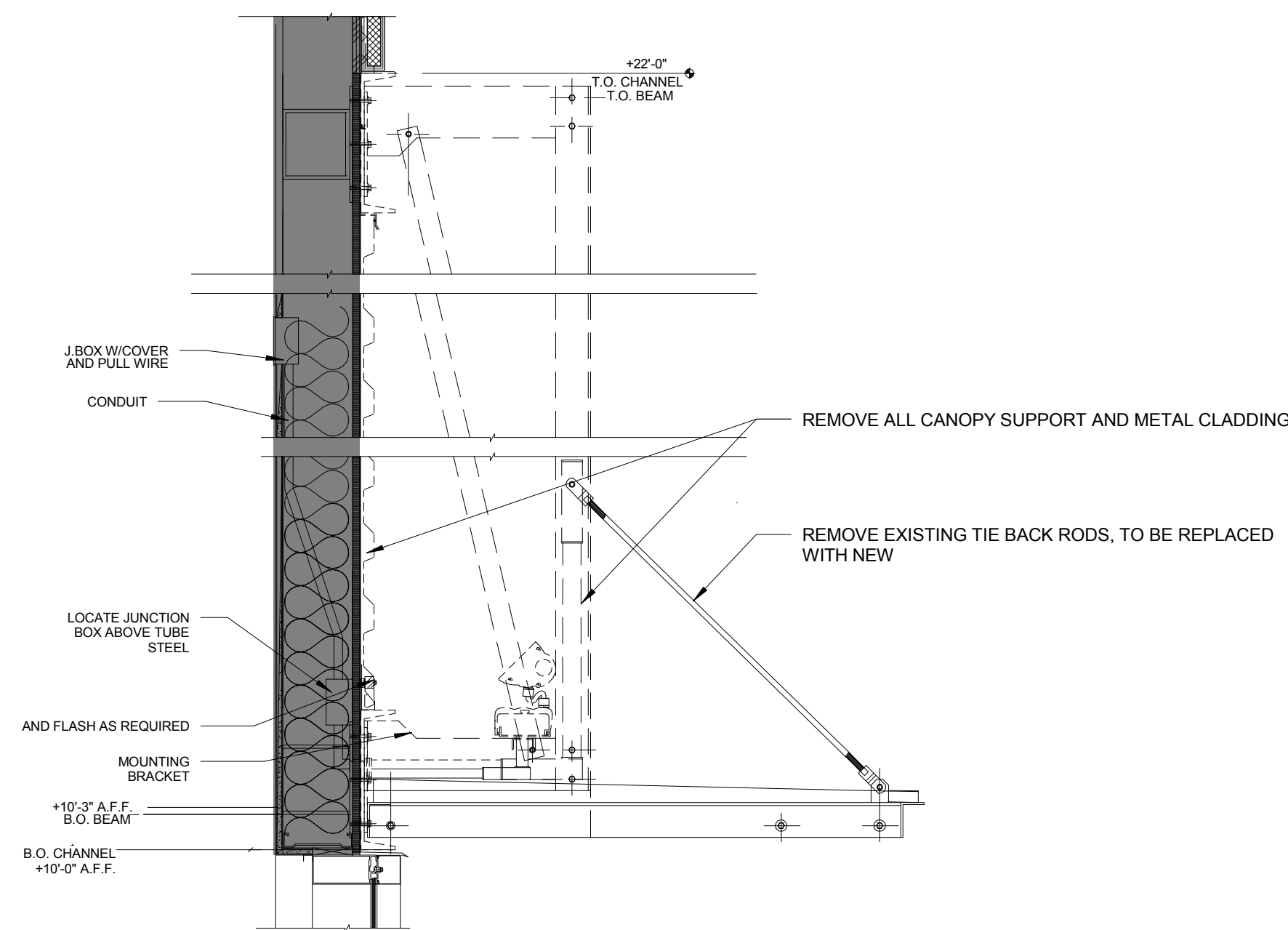
A DEVELOPMENT BY:



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BRYANT, AR 72022



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



2 DETAIL @ ENTRY CANOPY EXISTING
SCALE: 1" = 1'-0"

GENERAL NOTES:

EXISTING TO REMAIN

-KEYNOTE LEGEND-	
MARK	DESCRIPTION
1	REMOVE EXISTING STOREFRONT
2	REMOVE EXISTING CANOPY AND TIE BACK RODS, RETROFIT EXISTING CANOPY TO FIT WITH NEW DESIGN
3	REMOVE EXISTING CORRUGATED METAL PANEL
4	RETROFIT/RE-FINISH EXISTING EIFS FINISH. SEE NEW ELEVATION
5	REMOVE EXISTING EIFS CORNICE TO RECEIVE NEW PLASTER. SEE NEW ELEVATION
6	DEMO EXISTING WALL TO ACCOMMODATE NEW STOREFRONT
7	EXISTING TIE BACK RODS TO BE REMOVED AND REPLACED WITH NEW

Print Record

13 MARCH 2018 PERMIT SET

Revisions

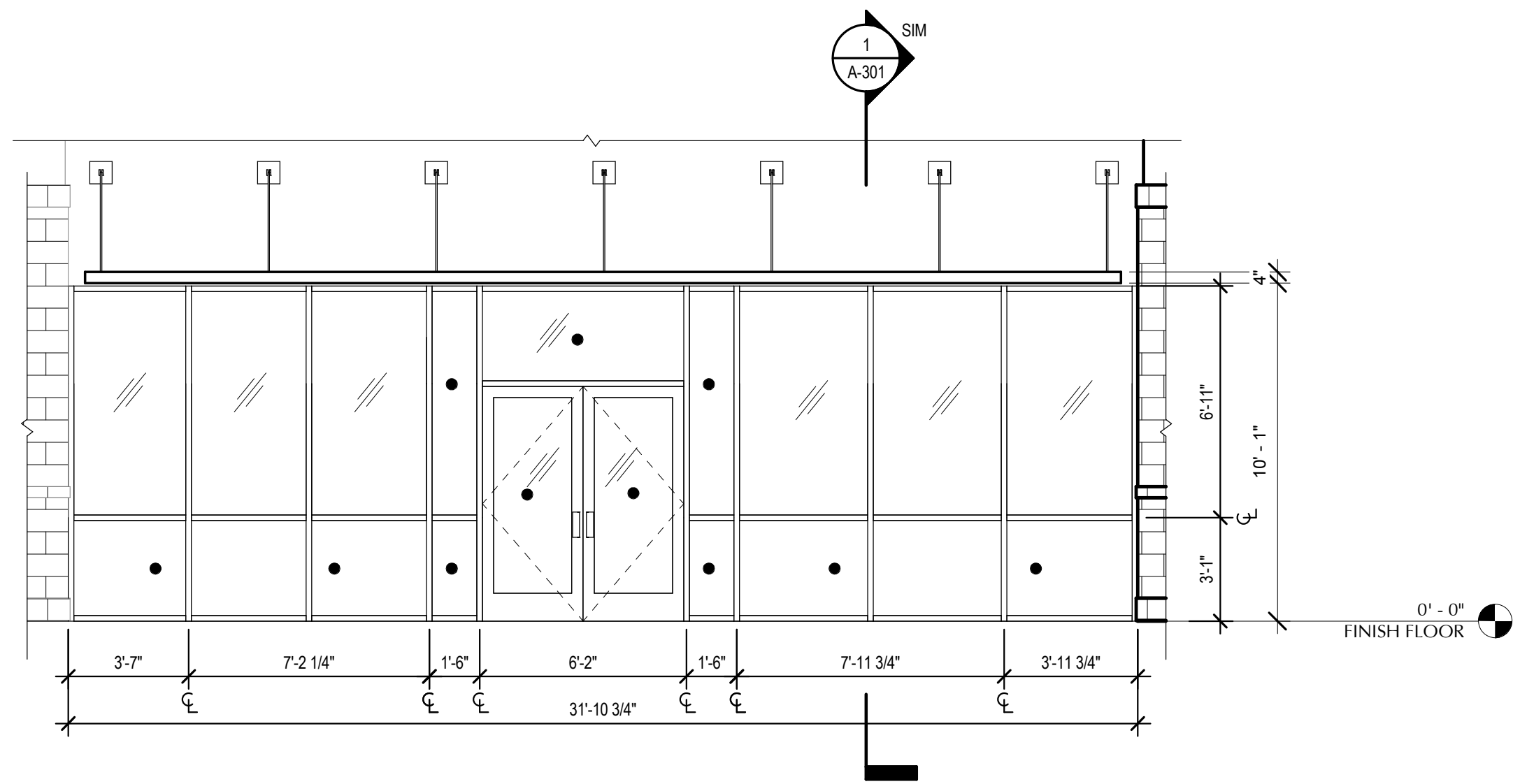
Date: 13 MARCH 2018
Project No.: 2017259.00

Sheet Title: DEMOLITION EXTERIOR ELEVATIONS

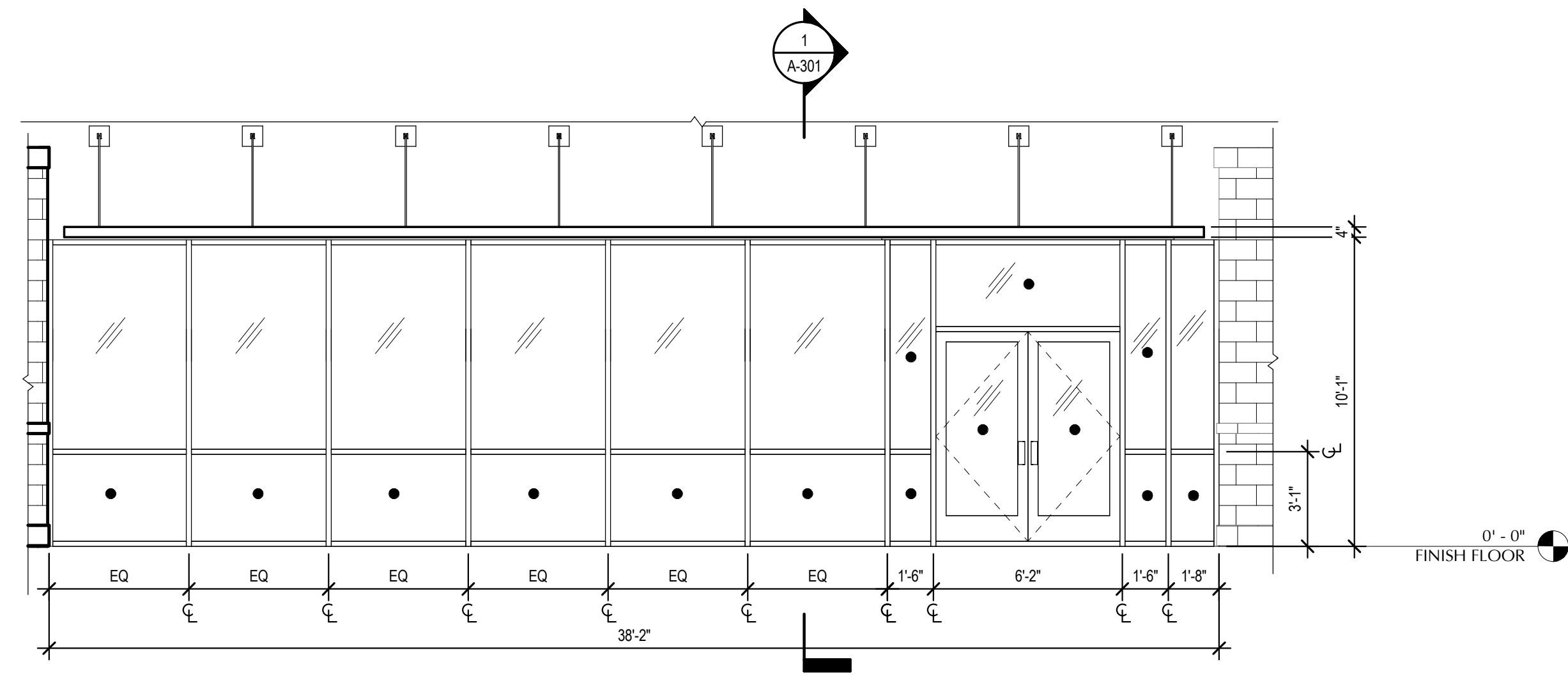
Sheet No.:

A-092

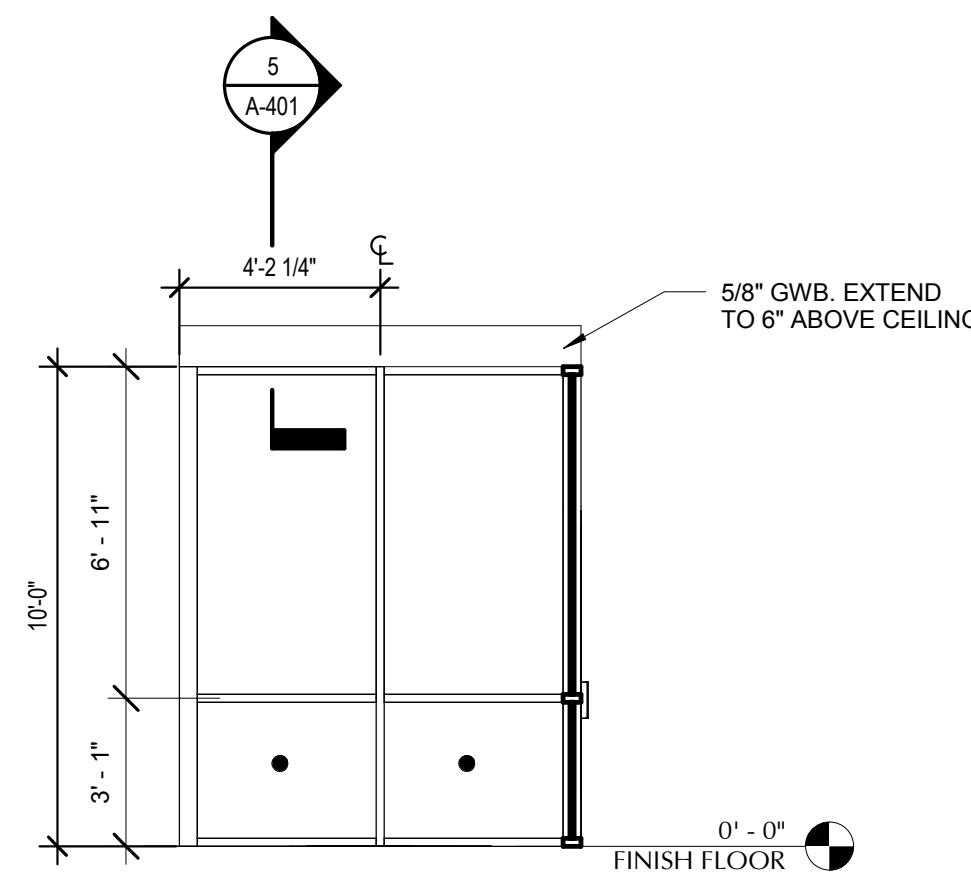
Released for Construction
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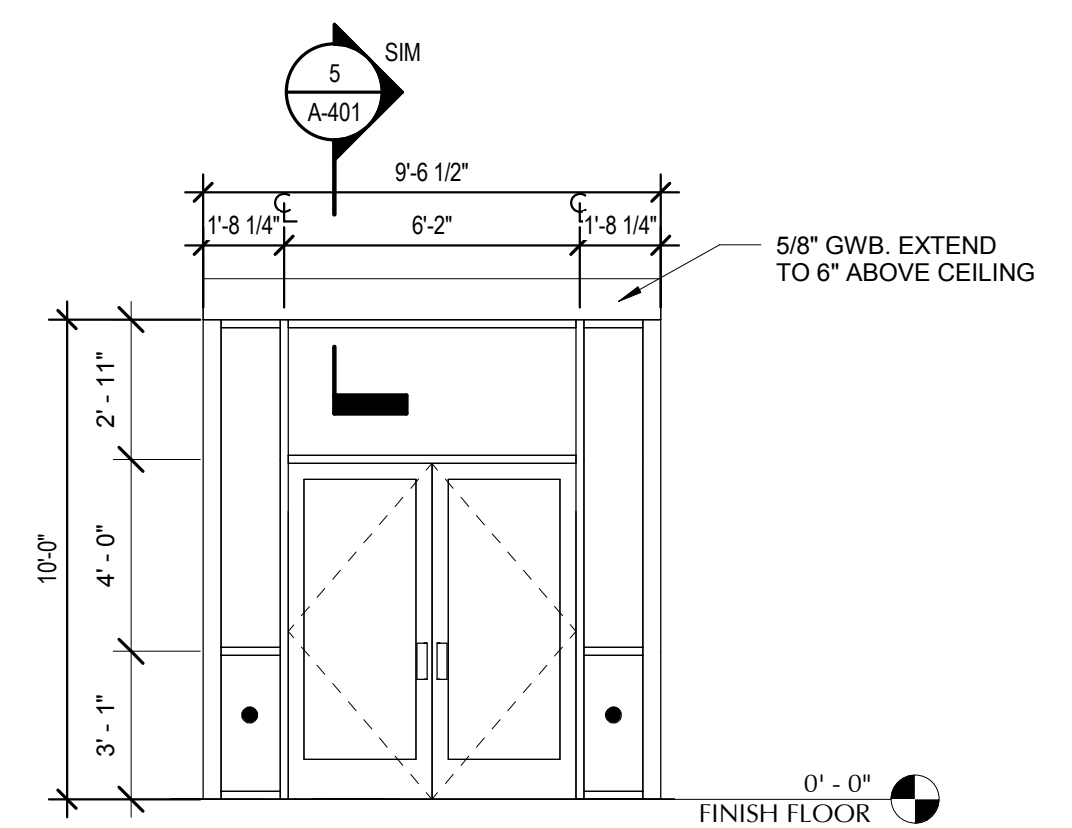
1 WINDOW TYPE "A"
A-602 SCALE: 1/4" = 1'-0"



2 WINDOW TYPE "B"
A-602 SCALE: 1/4" = 1'-0"



3 WINDOW TYPE "C"
A-602 SCALE: 1/4" = 1'-0"



4 WINDOW TYPE "D"
A-602 SCALE: 1/4" = 1'-0"

- GENERAL NOTES:**
- REFER TO SPECIFICATION FOR MORE STOREFRONT DETAILS.
 - REFER TO SPECIFICATION FOR DOOR HARDWARE SCHEDULES.
 - INDICATE TEMPERED GLASS



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Print Record
13 MARCH 2018 PERMIT SET

Revisions

No.	Description

Date: 13 MARCH 2018
Project No.: 2017259.00
Sheet Title: GLAZING ELEVATION

Sheet No.: **A-602**

Released for Construction
Not Released for Construction

DESIGN:

BUILDING CODE INTERNATIONAL BUILDING CODE 2012 (IBC) W/ ARKANSAS AMENDMENTS
WIND:

Vw = 15 MPH (3-SECOND GUST)
lw = 1.0, EXPOSURE CATEGORY B
COMPONENTS AND CLADDING: COMPONENTS AND CLADDING ELEMENTS NOT SPECIFICALLY DESIGNED ON THESE DRAWINGS SHALL BE DESIGNED ACCORDING TO THE WIND PRESSURES STIPULATED BY IBC 2012 FOR THE TRIBUTARY AREA OF THE SPECIFIC COMPONENT.

MIN ULT DESIGN PRESSURE = 23.0 PSF (WALLS, 100 SQ FT, NON-END ZONE)

SNOW:

GROUND SNOW LOAD = 10 PSF
ls = 1.0
FLAT ROOF SNOW LOAD = 10 PSF
SNOW EXPOSURE FACTOR Ce = 1.0 SNOW THERMAL FACTOR Ct = 1.0

SEISMIC:

OCCUPANCY CATEGORY II
le = 1.0 b = 1.0
Ss = 0.343 S1 = 0.145
Sds = 0.349 Sd1 = 0.215
SITE CLASS = D SEISMIC DESIGN CATEGORY = D
ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE

SEISMIC RESISTING SYSTEM:

SEISMIC LOAD RESISTING SYSTEM IS REMAINING UNCHANGED

DRAWING LIST:

- S-001 STRUCTURAL NOTES
S-101 FOUNDATION & ROOF FRAMING PLAN
S-301 TYPICAL SECTIONS AND DETAILS

MISCELLANEOUS:

- 1. THE FOLLOWING NOTES APPLY TO ALL PROJECT RELATED STRUCTURAL DRAWINGS. THIS INCLUDES THESE DRAWINGS, FIELD SKETCHES AND RESPONSES TO REQUESTS FOR INFORMATION (RFIs), UNLESS OTHERWISE INDICATED.
2. STRUCTURAL DRAWINGS SHALL BE COORDINATED WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING PERTINENT ASPECTS OF ALL DISCIPLINES INTO THEIR SHOP DRAWINGS AND WORK, AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR OMISSIONS.
3. NO OPENINGS OR MODIFICATIONS SHALL BE MADE IN ANY STRUCTURAL MEMBER WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ARCHITECT.
4. NO CHANGE IN SIZE OR DIMENSION OF STRUCTURAL MEMBERS SHALL BE MADE WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ARCHITECT.
5. THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL DESIGN, ADEQUACY, SAFETY AND STABILITY OF TEMPORARY BRACING AND SHORING THAT MAY BE REQUIRED AS A RESULT OF THE CONTRACTORS CONSTRUCTION METHODS AND/OR SEQUENCES. THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED ON THE STRUCTURAL FRAMING. APPLIED CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN CAPACITY OF ANY STRUCTURAL BUILDING ELEMENT.
6. THE CONTRACTORS CONSTRUCTION AND/OR ERECTION SEQUENCES SHALL RECOGNIZE AND CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS DURING THE CONSTRUCTION LIFECYCLE.
7. DO NOT SCALE THESE DRAWINGS; USE DIMENSIONS. FOR DIMENSIONS NOT SHOWN ON THE STRUCTURAL CONTRACT DOCUMENTS, SEE ARCHITECTURAL DRAWINGS.
8. THE CONTRACTOR SHALL INFORM THE PROFESSIONAL OF RECORD IN WRITING OF ANY DEVIATION FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY OF SUCH DEVIATION BY THE PROFESSIONAL OF RECORD. REVIEW OF SHOP DRAWINGS, PRODUCT DATA, ETC. UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE PROFESSIONAL OF RECORD OF SUCH DEVIATION AT THE TIME OF SUBMISSION AND THE ARCHITECT HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION.
9. WHERE A SECTION OR DETAIL IS CUT ON THE PLAN, IT IS UNDERSTOOD TO BE REPRESENTATIVE OF ALL LIKE OR SIMILAR CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING SUCH REQUIREMENTS INTO THEIR SHOP DRAWINGS AND WORK.
10. AT ALL TIMES THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONDITIONS OF THE JOBSITE INCLUDING SAFETY OF PERSONS AND PROPERTY. THE ARCHITECTS OR ENGINEERS PRESENCE AT THE JOB SITE OR REVIEW OF WORK DOES NOT IMPLY CONFORMANCE OF THE ADEQUACY OF THE CONTRACTORS MEANS OR METHODS OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR THE COMPLIANCE WITH OSHA REGULATIONS.
11. CONSULT ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR LOCATION, SIZES, AND EXTENT OF CHASES, INSERTS, RECESSES, RIDGES, FINISHES, DEPRESSIONS, ETC. NOT SHOWN ON THE STRUCTURAL DRAWINGS.
12. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. THE CONTRACTOR SHALL NOTIFY THE STRUCTURAL ENGINEER OF RECORD IN WRITING OF ALL CONDITIONS ENCOUNTERED IN THE FIELD THAT ARE CONTRADICTORY TO THOSE SHOWN ON THE STRUCTURAL DRAWINGS.
13. STRUCTURAL CONTRACT DOCUMENTS SHALL NOT INCLUDE SHOP DRAWINGS, VENDOR DRAWINGS, OR ANY MATERIAL PREPARED AND SUBMITTED BY THE CONTRACTOR OR SUBCONTRACTOR.
14. REFERENCE TO STANDARD SPECIFICATIONS OF ANY TECHNICAL SOCIETY, ORGANIZATION OR ASSOCIATION OR TO CODES OF LOCAL OR STATE AUTHORITIES, SHALL MEAN THE LATEST STANDARD, CODE, SPECIFICATION OR TENTATIVE SPECIFICATION ADOPTED AND PUBLISHED AT THE DATE OF TAKING BIDS, UNLESS SPECIFICALLY STATED OTHERWISE.
15. SEE ARCHITECTURAL DRAWINGS FOR FLOOR ELEVATIONS, SLOPE, AND LOCATION OF DEPRESSIONED FLOOR AREAS. THE CONTRACTOR SHALL COMPARE STRUCTURAL SECTIONS WITH THE ARCHITECTURAL SECTIONS AND REPORT ANY DISCREPANCY TO THE ARCHITECT PRIOR TO FABRICATING OR INSTALLING STRUCTURAL MEMBERS.
16. PRINCIPAL OPENINGS THROUGH THE FRAMING ARE SHOWN ON THESE DRAWINGS. OPENINGS 1'-4" IN WIDTH OR LENGTH (AND LESS) ARE GENERALLY NOT SHOWN ON THE STRUCTURAL DRAWINGS. THE GENERAL CONTRACTOR SHALL EXAMINE THE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ALL ALL REQUIRED OPENINGS. ALL MECHANICAL OPENING LOCATIONS, UNIT OPERATING WEIGHTS, AND SIZES SHALL BE VERIFIED WITH THE MECHANICAL CONTRACTOR PRIOR TO FABRICATION. ANY DEVIATION FROM THE OPENINGS SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION FOR APPROVAL.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES IN ORDER TO COMPLY WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS.

SUBMITTALS:

- 1. STRUCTURAL DRAWINGS GIVE REPRESENTATIVE DETAILS AND ARE NOT INTENDED TO SHOW ALL CONDITIONS THAT MAY BE PRESENT. SHOP DRAWINGS SHALL DETAIL ALL CONDITIONS IN ACCORDANCE WITH THE SPECIFIC REQUIREMENTS AS INDICATED IN THE PROJECT DOCUMENTS.
2. REVIEW OF SUBMITTALS OR SHOP DRAWINGS BY THE STRUCTURAL ENGINEER OF RECORD DOES NOT RELIEVE THE CONTRACTOR OF THE SOLE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS BEFORE SUBMITTAL TO THE STRUCTURAL ENGINEER OF RECORD. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS.
3. COMPLETE SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL FABRICATED AND SPECIALTY BUILDING COMPONENTS INCLUDING (BUT NOT LIMITED TO) TIMBER ROOF TRUSSES. SHOP DRAWINGS SHALL BE SEALED AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF ARKANSAS.
4. ALL APPROVED SUBMITTALS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, SHALL BE MADE AVAILABLE ON THE JOBSITE FOR REVIEW BY THE INSPECTOR.
5. REPRODUCTION OF CONTRACT DOCUMENTS FOR USE AS SHOP DRAWINGS IS NOT PERMITTED.

FOUNDATIONS:

- 1. SPREAD FOOTINGS SHALL BEAR ON SOIL CAPABLE OF SUSTAINING AN ASSUMED NET ALLOWABLE BEARING PRESSURE OF 1.5 KSF FOR STRIP FOOTINGS.
2. THE SITE SHALL BE PREPARED IN ACCORDANCE WITH CIVIL DRAWINGS AND PROJECT SPECIFICATIONS. A GEOTECHNICAL INVESTIGATION HAS NOT BEEN PERFORMED ON THIS SITE PRIOR TO THE ISSUANCE OF THESE DRAWINGS. A QUALIFIED GEOTECHNICAL ENGINEER SHALL VERIFY ALL ASSUMPTIONS AND REPORT ANY VARIATIONS OR DISCREPANCIES TO THE ENGINEER.
3. THE FOOTINGS HAVE BEEN POSITIONED AT THE ESTIMATED ELEVATION WHICH WILL PROVIDE SUITABLE BEARING. HOWEVER, IF ADEQUATE BEARING CAPACITY IS NONEXISTENT AT THESE ESTIMATED ELEVATIONS, THE FOOTING SHALL BE LOWERED TO AN ELEVATION WHERE THE PRESCRIBED SAFE BEARING CAPACITY EXISTS (AS RECOMMENDED BY A QUALIFIED GEOTECHNICAL ENGINEER).
4. FOOTINGS MAY BE CAST INTO AN EARTH-FORMED TRENCH IF SOIL CONDITIONS PERMIT.
5. EXCAVATION FOR FOOTINGS SHALL BE CUT TO ACCURATE SIZE AND DIMENSIONS AS SHOWN ON PLANS. ALL SOIL BELOW SLABS AND FOOTINGS SHALL BE PROPERLY COMPACTED AND SURFACE BROUGHT TO A REASONABLE TRUE AND LEVEL PLANE BEFORE PLACING CONCRETE.
6. IN AREA OF THE BUILDING, EXISTING ORGANIC MATERIAL, UNSUITABLE SOIL, ABANDONED FOOTINGS AND ANY OTHER EXISTING UNSUITABLE MATERIALS SHALL BE REMOVED. ANY FILL MATERIAL REQUIRED AT THE SITE SHALL BE OF A SIMILAR TYPE SOIL THAT IS PRESENT AT THIS SITE AND APPROVED BY A QUALIFIED GEOTECHNICAL ENGINEER. ROCKS GREATER THAN 6 IN. SHALL BE EXCLUDED FROM STRUCTURAL FILL LIFTS. FILL MATERIAL SHALL BE PLACED IN LOOSE LIFTS NO GREATER THAN 8 INCHES IN DEPTH AND SHALL BE COMPACTED TO AT LEAST 95% OF THE MATERIALS MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD COMPACTION TEST (ASTM D698). THE UPPER 12" OF FILL BENEATH STRUCTURAL AREAS SHOULD BE COMPACTED TO 95% OF THE MATERIALS MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD COMPACTION TEST (ASTM D698). ADEQUATE FIELD DENSITY AND MOISTURE CONTENT TESTS SHALL BE PERFORMED BY AN INDEPENDENT TESTING AGENCY TO ENSURE COMPLIANCE.
7. FOOTING CONCRETE SHALL BE CAST ON THE SAME DAY THE EXCAVATION IS APPROVED. IF THE BEARING SURFACE IS ALLOWED TO BECOME DISTURBED IN ANY WAY, IT SHALL BE REWORKED TO THE SATISFACTION OF AN INDEPENDENT TESTING AGENCY PRIOR TO CASTING OF THE CONCRETE.
8. ALL EXCAVATIONS AND STRUCTURE BEARING PADS SHALL BE INSPECTED BY AN INDEPENDENT TESTING AGENCY PRIOR TO CONCRETE PLACEMENT. THE INDEPENDENT TESTING AGENCY SHALL BE THE SOLE JUDGE AS TO THE SUITABILITY OF THE BEARING MATERIAL.
9. BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BEAR A MINIMUM OF 1'-6" BELOW FINAL GRADE FOR FROST PROTECTION.
10. NO EXCAVATION SHALL BE CLOSER THAN AT A SLOPE OF 2:1 (2 HORIZONTAL TO 1 VERTICAL) TO A FOOTING. PROVIDE SHORING AND PROTECTION FOR EXCAVATION BANKS AS NECESSARY TO PRESERVE SAFETY AND PREVENT CAVING.
11. ALL BEARING STRATA SHALL BE ADEQUATELY DRAINED BEFORE FOUNDATION CONCRETE IS PLACED.

CONCRETE:

- 1. ALL CONCRETE DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI 318-11 AND ACI 308-10.
2. CEMENT USED SHALL BE TYPE I OR II CONFORMING TO ASTM C-150. CONCRETE SHALL DEVELOP A MINIMUM 28 DAY STRENGTH AND DENSITY AS FOLLOWS:
STRENGTH (PSI) DENSITY (PCF)
FOOTINGS/SLAB 3000 145 - 150
3. AGGREGATE SHALL BE WELL GRADATED AND SHALL CONFORM TO THE FOLLOWING:
FOOTINGS, SLAB-ON-GRADE 1" COARSE AGGREGATE (ASTM C-33)
(DENSITY 145 - 150 PCF)
4. CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR REVIEW IN ADVANCE OF CONCRETE PLACEMENT. CONCRETE MIX DESIGN SHALL INCLUDE ALL STRENGTH DATA NECESSARY TO SHOW COMPLIANCE WITH THE PROJECT SPECIFICATIONS BY EITHER THE TRIAL BATCH OR FIELD EXPERIENCE METHOD AND SHALL BE CERTIFIED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF ARKANSAS. RESULTS OF ALL COMPRESSIVE STRENGTH TEST SHALL BE MADE AVAILABLE AT THE JOB SITE FOR REVIEW BY THE INSPECTOR.
5. ALL MIXING, TRANSPORTING, PLACING AND CURING OF CONCRETE SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE AMERICAN CONCRETE INSTITUTE.
6. NO ADDITIONAL WATER SHALL BE ADDED TO CONCRETE AT THE JOB SITE.
7. MINIMUM CONCRETE COVER UNLESS NOTED OTHERWISE
A. #11 BARS AND SMALLER 3/4 INCHES
B. UNFORMED SURFACE IN CONTACT WITH THE GROUND: 3 INCHES
C. BASEMENT WALLS: 2 INCHES EXTERIOR
3/4 INCHES INTERIOR
D. FORMED SURFACES EXPOSED TO EARTH OR WEATHER
#5 BARS AND LARGER 2 INCHES
#5 BARS AND SMALLER 1 1/2 INCHES
E. FORMED SURFACES NOT EXPOSED TO EARTH OR WEATHER
BEAMS, GIRDERS AND COLUMNS: 1 1/2 INCHES
SLABS, WALLS, AND JOISTS: 3/4 INCHES

- 8. PLACEMENT OF CONCRETE, COLD WEATHER AND HOT WEATHER PRECAUTIONS, MATERIAL AND PROPORTIONING REQUIREMENTS, REBAR COVER AND DETAILING SHALL CONFORM TO REQUIREMENTS OF THE AMERICAN CONCRETE INSTITUTE (ACI) 318-11.
9. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS FOR SLAB FINISHES, SLAB DEPRESSIONS, ELEVATIONS AND ENCASED OR EMBEDDED ITEMS.
10. FORMING SHALL BE OF WOOD, STEEL, OR FIBERGLASS OF SATISFACTORY QUALITY AND CONDITION.
11. NO ADMIXTURES SHALL BE ADDED TO THE CONCRETE UNLESS APPROVED BY THE ENGINEER.
12. REINFORCING SHALL CONFORM TO ASTM A615, GR60 UNLESS NOTED OTHERWISE.
13. REINFORCING STEEL AND ACCESSORIES SHALL BE DETAILED IN ACCORDANCE WITH ACI 315 (MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES) AND CRSI M50-1 (MANUAL OF STANDARD PRACTICE), LATEST EDITION.
14. ALL 'CONTINUOUS' REINFORCEMENT SHALL HAVE MINIMUM LAP OF 'B' TYPE (ACI 318-11, SECTION 12.15) AT SPLICES UNLESS NOTED OTHERWISE.
15. SUBMIT REINFORCING PLACEMENT AND DETAIL (SHOP) DRAWINGS FOR REVIEW. NO REINFORCING BARS SHALL BE INSTALLED UNTIL THE SHOP DRAWINGS HAVE BEEN REVIEWED AND RETURNED.
16. ALL REINFORCING SHALL BE SUPPORTED IN FORMS SPACED WITH NECESSARY ACCESSORIES AND SHALL BE SECURELY WIRED TOGETHER IN ACCORDANCE WITH CRSI 'MANUAL OF STANDARD PRACTICE' (27TH EDITION).
17. WHERE FOOTINGS, WALLS, OR OTHER STRUCTURAL ELEMENTS INTERSECT, CORNER OR TEE, PROVIDE CORNER BARS WITH REQUIRED LAP LENGTHS TO PROVIDE CONTINUITY OF HORIZONTAL STEEL REINFORCING UNLESS NOTED OTHERWISE.

COLD FORM METAL FRAMING (METAL STUDS):

- 1. METAL STUDS SHALL BE FABRICATED AND ERECTED PER 2007 AISI NORTH AMERICAN SPECIFICATIONS FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS.
2. UNLESS NOTED OTHERWISE, TRACKS SHALL BE SAME DEPTH AS STUDS AND EQUAL OR THICKER GAUGE THAN STUDS. TRACKS SHALL BE CONNECTED TO SUPPORTS AT 16" OC MAX.
3. ALL 43 MIL MATERIAL (AND LESS) SHALL HAVE A MINIMUM YIELD OF 33,000 PSI (UNLESS NOTED OTHERWISE). ALL 54 MIL MATERIAL (AND GREATER) SHALL HAVE A MINIMUM YIELD OF 50,000 PSI (UNLESS NOTED OTHERWISE).
4. THE CONTRACTOR SHALL SUBMIT THE FOLLOWING:
A. SHOP DRAWINGS FOR ALL COMPONENTS AND INSTALLATIONS NOT FULLY DIMENSIONED OR DETAILED IN MANUFACTURERS PRODUCT DATA.
B. PRODUCT CATALOG WITH SECTION AND MATERIAL PROPERTIES OF ALL MATERIAL.
5. ALL STUDS AND ACCESSORIES SHALL BE FORMED FROM STEEL HAVING A HOT-DIPPED, GALVANIZED COATING MEETING ASTM A553 G60 AND G855, U.N.O.
6. INSTALLATION:
A. TRACKS:
INSTALL CONTINUOUS TRACKS SIZED TO MATCH STUDS. ALIGN TRACKS ACCURATELY TO LAYOUT AT BASE AND TOPS OF STUDS. PROVIDE FASTENERS AT CORNERS AND END OF TRACKS. ALL TRACK BUTT JOINTS SHALL BE SECURELY ANCHORED TO A COMMON STRUCTURAL ELEMENT, OR THEY SHALL BE BUTT WELDED OR SPLICED TOGETHER.
B. WALL STUDS:
SECURE STUDS TO TOP AND BOTTOM RUNNER TRACKS BY SCREW FASTENING AT BOTH INSIDE AND OUTSIDE FLANGES. ATTACH STUDS WITH SLIP-TRACK CONNECTION TO UNDERSIDE OF BEAMS TO ALLOW 1" VERTICAL DEFLECTION OF STEEL BEAM (NOT APPLICABLE IN LOAD BEARING APPLICATIONS). AT LOAD BEARING APPLICATIONS, SLIP-TRACK CONNECTION SHALL ACCOMMODATE A DEFLECTION OF BEAM SPAN DIVIDED BY 240.
C. SUPPLEMENTARY FRAMING:
PROVIDE BLOCKING AND BRACING IN METAL FRAMING SYSTEM WHEREVER WALL OR PARTITIONS ARE INDICATED TO SUPPORT FIXTURES, EQUIPMENT, SERVICE CASEWORK, HEAVY TRIM AND FINISHINGS, AND SIMILAR WORK REQUIRING ATTACHMENT TO THE WALL OR PARTITION. WHERE TYPE OF SUPPLEMENTARY SUPPORT IS NOT OTHERWISE INDICATED, COMPLY WITH STUD MANUFACTURERS RECOMMENDATIONS AND INDUSTRY STANDARDS IN EACH CASE, CONSIDERING WEIGHT OR LOADING RESULTING FROM ITEM SUPPORTED.
D. WALL OPENINGS:
OPENINGS LARGER THAN 2 FEET SQUARE TO BE FRAMED WITH A MINIMUM OF DOUBLE STUDS AT EACH JAMB OR FRAME EXCEPT WHERE MORE ARE REQUIRED.
E. ALL MEMBERS SHALL BE PLUMBED, ALIGNED AND SECURELY ATTACHED TO SUPPORTING MEMBERS.
7. ALL SCREWS SHALL BE NON CORROSIVE NO. 12-14 STANDARD SELF DRILLING SCREWS UNLESS NOTED OTHERWISE ON DRAWINGS (DO NOT USE STAINLESS STEEL OR COPPER COATED FASTENERS).
8. ALL SCREWS SHALL HAVE A MINIMUM EDGE DISTANCE OF 1" UNLESS NOTED OTHERWISE ON DRAWINGS.
9. ALL SCREWS SHALL BE A MINIMUM OF 1" ON CENTER UNLESS NOTED OTHERWISE ON DRAWINGS.
10. ALL METAL STUD WALLS SHALL HAVE WALL CONTINUOUS WALL BRIDGING @ 3'-6" OC MAXIMUM. CONTINUOUS BRIDGING MAY CONSIST OF 1 1/2" - 33 MIL STRAPS (2 1/2" - 43 MIL AT WALLS USED AS SHEAR WALLS OR WALLS WITH 'X' STRAP BRACING), AS AN ALTERNATE TO STRAP BRIDGING, FOR 3 5/8" OR 4" STUDS ONLY, PROVIDE 1 1/2" CRC CHANNEL BRIDGING (50-UB0-54 AT THE CENTERLINE OF STUDS WITH (2) #8 SCREWS PER ANGLE FLANGE.
11. CONTINUOUS STUDS EACH SIDE OF HEADERS SHALL BE EQUAL TO THE NUMBER OF THE INTERRUPTED STUDS PLUS ONE STUD AT EACH SIDE. USE MINIMUM OF TWO (2) STUDS EACH SIDE.
12. VOIDS BENEATH WALL TRACK SHALL NOT BE PERMITTED. WHERE UNEVENNESS OR SUPPORTING FLOOR PREVENTS CONTINUOUS SOLID BEARING, PANEL OR TRACK SHALL BE LEVELLED BY PLACING MORTAR OR GROUT BENEATH TRACK.
13. MINIMUM TRACK FASTENING INTO CONCRETE SHALL BE 0.145" DIAMETER POWDER ACTUATED FASTENERS AT 16" OC (UNO) WITH 3/4" PENETRATION INTO CONCRETE.

STRUCTURAL STEEL:

DESIGN CODE AMERICAN INSTITUTE OF STEEL CONSTRUCTION 'SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS - 14TH EDITION (AISC)

- 1. STEEL SHALL CONFORM TO THE FOLLOWING GRADES:
ALL CHANNELS, ANGLES, PLATES, ETC. (UNO) ASTM A36 (Fy=36ksi)
HIGH STRENGTH BOLTS ASTM A325
HEX NUTS - GRADE A ASTM A563
WELDING ELECTRODES E70X HARDENED STEEL
WASHERS - TYPE I ASTM F436
2. ALL STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC CODE OF STANDARD PRACTICE (2010) EXCEPT AS MODIFIED IN THESE NOTES AND THE PROJECT SPECIFICATIONS.
3. THE FABRICATOR IS RESPONSIBLE FOR THE DESIGN OF ALL CONNECTIONS SHOWN ON THE STRUCTURAL DRAWINGS. CONNECTIONS SHOWN ARE SCHEMATIC AND ARE ONLY INTENDED TO SHOW THE RELATIONSHIP OF MEMBERS CONNECTED. CONNECTION DETAILS INDICATED ON THE DRAWINGS SHALL BE INCORPORATED INTO FABRICATORS CONNECTION DESIGN ONLY AS THEY ARE DEEMED APPROPRIATE AND ADEQUATE. BOLTED CONNECTIONS SHALL BE ASSEMBLED AND INSPECTED IN ACCORDANCE WITH AISC 14TH EDITION 'SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR ASTM A490 BOLTS'.
4. SPLICING OF STEEL MEMBERS UNLESS SHOWN ON THE DRAWINGS IS PROHIBITED WITHOUT WRITTEN APPROVAL OF THE ARCHITECT.
5. NO HOLES SHALL BE CUT IN ANY STEEL ELEMENT UNLESS THEY ARE DETAILED ON THE DRAWINGS.
6. FABRICATE AND ERECT MEMBERS WITH NATURAL CAMBER UP.
7. UNLESS OTHERWISE SHOWN ON DRAWINGS, SIZE OF WELDS SHALL NOT BE SMALLER THAN 3/16". ALL WELDED JOINTS SHALL CONFORM TO THE PROVISIONS OF AWS D11, STRUCTURAL WELDING CODE BY AMERICAN WELDING SOCIETY. PROOF OF WELDER CERTIFICATION SHALL BE AVAILABLE AT THE JOB SITE DURING TIMES OF INSPECTION.
8. THE CONTRACTOR SHALL PROVIDE, AT NO ADDITIONAL COST, ALL ADDITIONAL STEEL CONNECTIONS, GUYING, ETC. REQUIRED FOR ERECTION.
9. OBTAIN ALL FIELD MEASUREMENTS REQUIRED FOR PROPER FABRICATION AND INSTALLATION OF WORK PRIOR TO DETAILING. PRECISE MEASUREMENTS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
10. THE FABRICATOR SHALL BE RESPONSIBLE FOR ALL ERRORS OF DETAILING ON THE SHOP DRAWINGS, ERRORS IN FABRICATION, AND FOR THE CORRECT FITTING OF STRUCTURAL STEEL MEMBERS.
11. WELDING INSPECTION SHALL MEET REQUIREMENTS AS STATED IN THE SCHEDULE OF SPECIAL INSPECTIONS.
12. ALL STRUCTURAL STEEL NOT RECEIVING FIRE PROOFING SHALL RECEIVE ONE SHOP COAT OF RUST INHIBITIVE PRIMER.



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A DEVELOPMENT BY:



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Table with columns for Date, Project No., Sheet Title, and Revisions.

Date 13 MARCH 2018 Project No. 2017259.00
Sheet Title STRUCTURAL NOTES

Sheet No. S-001
Released for Construction
Not Released for Construction



FAN SCHEDULE

EQUIPMENT NO.	SERVICE	LOCATION	CFM	STATIC PRESS. (IN. W.G.)	MOTOR		MANUFACTURER & MODEL	OPTIONS-ACCESSORIES
					HP	VOLT.-PH.-CY.		
TEF-1	EXHAUST	CEILING	78	0.125	25 W	120-1-60	DAYTON 1UBH7	1, 2, 3
TEF-2	EXHAUST	CEILING	78	0.125	41	120-1-60	DAYTON 1UBH7	1, 2, 3

- NOTES:
 1. FAN SHALL BE CONTROLLED BY LIGHT SWITCH.
 2. SOLID STATE SPEED CONTROL.
 3. FAN SHALL BE PROVIDED WITH LOW LEAKAGE BACKDRAFT DAMPER.

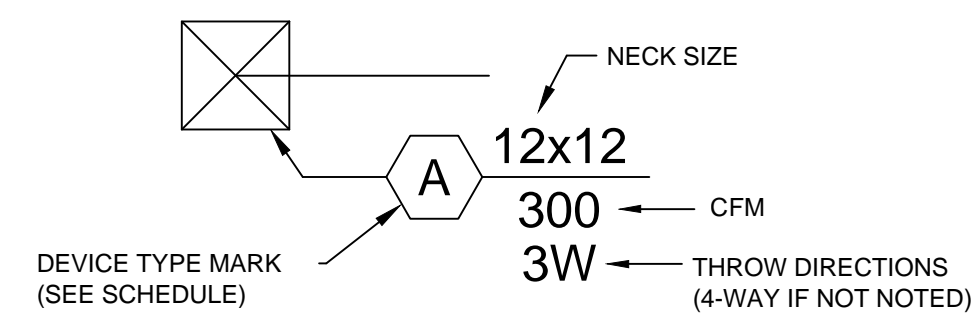
ROOFTOP AIR HANDLING UNIT SCHEDULE

TAG	SUPPLY AIR (CFM)	OUTSIDE AIR (CFM)	E.S.P. (IN. W.G.)	COOLING		HEATING		ELECTRICAL			MANUFACTURER & MODEL	NOTES
				NOM. TONS	SEER (EER)	MBH INPUT	MBH OUTPUT	V.-PH.-CY.	MCA	MOCP		
RTU-22A	4,000	860	0.6	10	(10.5)	180	147.6	460-3-60	24.8	30	CARRIER 48HJ0012	1, 4 (RELOCATED)
RTU-22B	4,500	860	0.6	12.5	(8.6)	250	200	460-3-60	30.7	35	CARRIER 48HJ0014	1, 4 (RELOCATED)
RTU-20	6,000	1175	0.6	15	(12.2)	300	240	460-3-60	32.2	45	YORK ZJ180N30R4D5HAA1C1	1 - 4
RTU-21	5,000	1175	0.6	12.5	(12.0)	240	192	460-3-60	41.3	50	YORK ZA150N24R4D5HAA1A1	1 - 4
RTU-22	7,500	-	0.6	15	(11.5)	250	205	460-3-60	37.0	45	CARRIER 48HGD016	5

- NOTES:
 1. OUTSIDE AIR BASED ON 2010 ARKANSAS CODE TABLE 403.3 FOR RETAIL SPACE. OUTSIDE AIR VALUES TO BE COORDINATED WITH TENANT FIT-UP PLANS.
 2. PROVIDE UNIT WITH ASITE TM46 THERMOSTAT, ORDERED THROUGH POWERHOUSE DYNAMICS.
 3. PROVIDE UNIT WITH DOWNFLOW ECONOMIZER WITH POWER EXHAUST, LOW AMBIENT HEAD PRESSURE CONTROLS, SMOKE DETECTOR, ROOF CURB, THRU-THE-BOTTOM SERVICE CONNECTIONS AND 120V GFCI CONVENIENCE OUTLET.
 4. PROVIDE UNIT WITH A SMOKE DETECTOR.
 5. UNIT TO BE ABANDONED IN PLACE.

OUTSIDE AIR CALCULATIONS

SPACE NAME	CLASSIFICATION	AREA (SF)	PEOPLE/1000SF	PEOPLE	CFM/PERSON	CFM/SF	PPL OA (CFM)	SF OA (CFM)	CFM REQUIRED	EFFECTIVENESS FACTOR	TOTAL CFM REQUIRED
5 BELOW	SALES	7,500	15	113	7.5	0.12	843.8	900	1743.8	0.8	2179.8
5 BELOW	OFFICE	70	5	0	5	0.06	1.8	4.2	6.0	0.8	7.5
5 BELOW	STORAGE	1,037	0	0	0	0.12	0	124.4	124.4	0.8	155.5
5 BELOW	BATHROOM	140	0	0	0	0.00	0	0.00	0.00	0.8	EXHAUST ONLY
									RTU-20 & RTU-21 REQUIRED		2342.8
									RTU-20 & RTU-21 DELIVERED		2350
TENANT B	SALES	5,900	15	89	7.5	0.12	663.8	708	1371.8	0.8	1713.8
AIRFLOW VALUES ARE FROM THE 2010 ARKANSAS MECHANICAL CODE, CHAPTER 4, TABLE 403.3									RTU-22A & RTU-22B REQUIRED		1713.8
									RTU-22A & RTU-22B DELIVERED		1720



AIR DISTRIBUTION DEVICES KEY NO SCALE

MARK	DESCRIPTION
A	LOUVERED FACE SUPPLY AIR DIFFUSER: TITUS MODEL TMS-AA, NOMINAL 12"x12" PANEL SIZE. FRAME SUITABLE FOR T-BAR CEILING OR GYPSUM. STEEL CONSTRUCTION. PROVIDE ROUND NECK OR SQUARE NECK AS REQUIRED BY THE APPLICATION -- SEE PLANS. PROVIDE WITH MODEL D-75 OPPOSED BLADE DAMPER.
B	RETURN AIR GRILLE WITH BLADES ON 3/4" CENTER, PARALLEL TO THE LONG DIMENSION AND SET AT 35 DEG. PROVIDE WITH STANDARD WHITE FINISH, LAY-IN BORDER FOR INSTALLATION IN CEILING OR SURFACE MOUNT BORDER SUITABLE FOR INSTALLATION IN DRYWALL TYPE CEILING. TITUS MODEL #350-FL OR APPROVED EQUIVALENT.
C	ALUMINUM CONSTRUCTION, SURFACE MOUNTED, LOUVERED FACE DOUBLE DEFLECTION REGISTER. PROVIDE WITH STANDARD WHITE FINISH AND OPPOSED BLADE DAMPER. TITUS MODEL #300-FS OR APPROVED EQUIVALENT.
D	ALUMINUM CONSTRUCTION, CONCENTRIC SUPPLY/RETURN DIFFUSER WITH PLENUM. PROVIDE WITH STANDARD FINISH. RUSKIN MODEL CDS-20.

- NOTES:
 1. ALL DIFFUSERS, GRILLES & REGISTERS SHALL HAVE A BAKED OFF-WHITE ENAMEL FINISH.
 2. PROVIDE ALUMINUM CONSTRUCTION IN ALL TOILET ROOMS, LOCKER ROOMS AND SHOWER ROOMS.
 3. LISTED SIZE ON DRAWING IS NECK SIZE.
 4. TRANSITION FROM DUCT SIZE TO NECK SIZE AS REQUIRED.

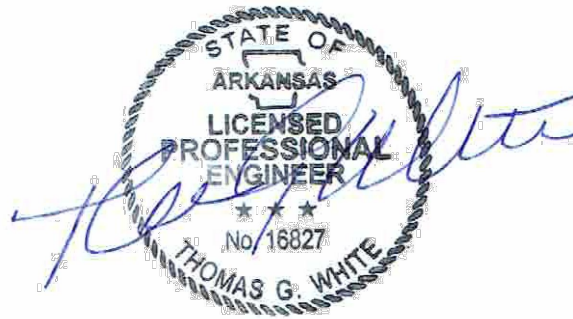
GAS FIRED UNIT HEATER SCHEDULE

EQUIPMENT NO.	SERVICE	CFM	INPUT (MBH)	OUTPUT (MBH)	EFFICIENCY A.F.U.E.	GAS RATE (CFH)	GAS CONN. SIZE	VENT OUTLET SIZE	ELECTRIC			MANUFACTURER & MODEL	OPTIONS-ACCESSORIES
									AMPS	V.-PH.-CY.	MOTOR HP		
UH	RECEIVING	2049	120	99.6	83%	120	1/2"	4"Ø	30	115-1-60	3/4	REZNOR UDBS125	NOTES 1, 2, 3, 4

- NOTES:
 1. VERTICAL CONCENTRIC COMBUSTION AIR/VENT KIT (CC2)
 2. FACTORY INSTALLED DISCONNECT SWITCH
 3. 1-STAGE REMOTE THERMOSTAT (PROVIDED, INSTALLED, AND WIRED BY MECHANICAL CONTRACTOR)
 4. 30' DOWNTURN NOZZLE



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Revisions

NO.	DATE	DESCRIPTION

Date: 13 MARCH 2018 Project No.: 2017259.00

Sheet Title: DETAILS & SCHEDULES - HVAC

Sheet No.

M-002

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Print Record 13 MARCH 2018 PERMIT SET

Table with 2 columns: Revisions, Description. Includes a grid for tracking changes.

Date 13 MARCH 2018 Project No. 2017259.00

Sheet Title SPECIFICATIONS - HVAC

Sheet No. M-003

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SECTION 233423 - HVAC POWER VENTILATORS

PART 1 - GENERAL 1.1 SUMMARY 1.2 PERFORMANCE REQUIREMENTS 1.3 ACTION SUBMITTALS 1.4 QUALITY ASSURANCE 1.5 COORDINATION PART 2 - PRODUCTS 2.1 CEILING-MOUNTED VENTILATORS PART 3 - EXECUTION 3.1 INSTALLATION 3.2 CONNECTIONS 3.3 FIELD QUALITY CONTROL

SECTION 237413 - PACKAGED, OUTDOOR, CENTRAL-STATION AIR-HANDLING UNITS

PART 1 - GENERAL 1.1 SUMMARY 1.2 ACTION SUBMITTALS 1.3 QUALITY ASSURANCE 1.4 WARRANTY PART 2 - PRODUCTS 2.1 MANUFACTURERS 2.2 CASING

2.3 FANS 2.4 COILS 2.5 DAMPERS 2.6 ELECTRICAL POWER CONNECTION 2.7 CONTROLS

2.5 ADHESIVES 2.6 JACKETS 2.7 REMOVABLE/REUSABLE INSULATION COVERS 2.8 MATERIALS 3.1 EXECUTION 3.2 GENERAL INSTALLATION REQUIREMENTS 3.3 PREPARATION 3.4 GENERAL INSTALLATION REQUIREMENTS

SECTION 233113 - DUCTWORK

PART 1 - GENERAL 1.1 SUMMARY 1.2 SUBMITTALS 1.3 EXECUTION 1.4 DRAWING PLANS, SCHEMATICS, AND DIAGRAMS 1.5 COORDINATION 1.6 WARRANTY

SECTION 233713 - DIFFUSERS, REGISTERS, AND GRILLES

PART 1 - GENERAL 1.1 SUMMARY 1.2 SUBMITTALS 1.3 EXECUTION 1.4 EXAMINE AREAS 1.5 COORDINATION 1.6 WARRANTY

SECTION 230010 - MECHANICAL GENERAL PROVISIONS

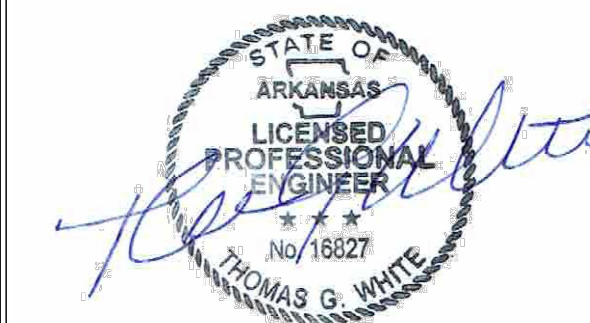
PART 1 - GENERAL 1.1 PROJECT DESCRIPTION 1.2 EXISTING CONDITIONS 1.3 COORDINATION 1.4 CODE COMPLIANCE 1.5 SLEEVES, SEALS, AND ESCUTCHEONS 1.6 FIRE-STOPS 1.7 TESTING AND BALANCING 1.8 MISCELLANEOUS

SECTION 230713 - INSULATION

PART 1 - GENERAL 1.1 SUMMARY 1.2 GLASS FIBER 1.3 BOARD 1.4 BLANKET 1.5 PREFORMED PIPE INSULATION 1.6 FLEXIBLE ELASTOMERIC CELLULAR 1.7 THERMAL CONDUCTIVITY 1.8 APPLICATION 1.9 INSULATING CEMENTS



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Revisions	

Date: 13 MARCH 2018
Project No.: 2017259.00
Sheet Title: FLOOR PLAN - HVAC

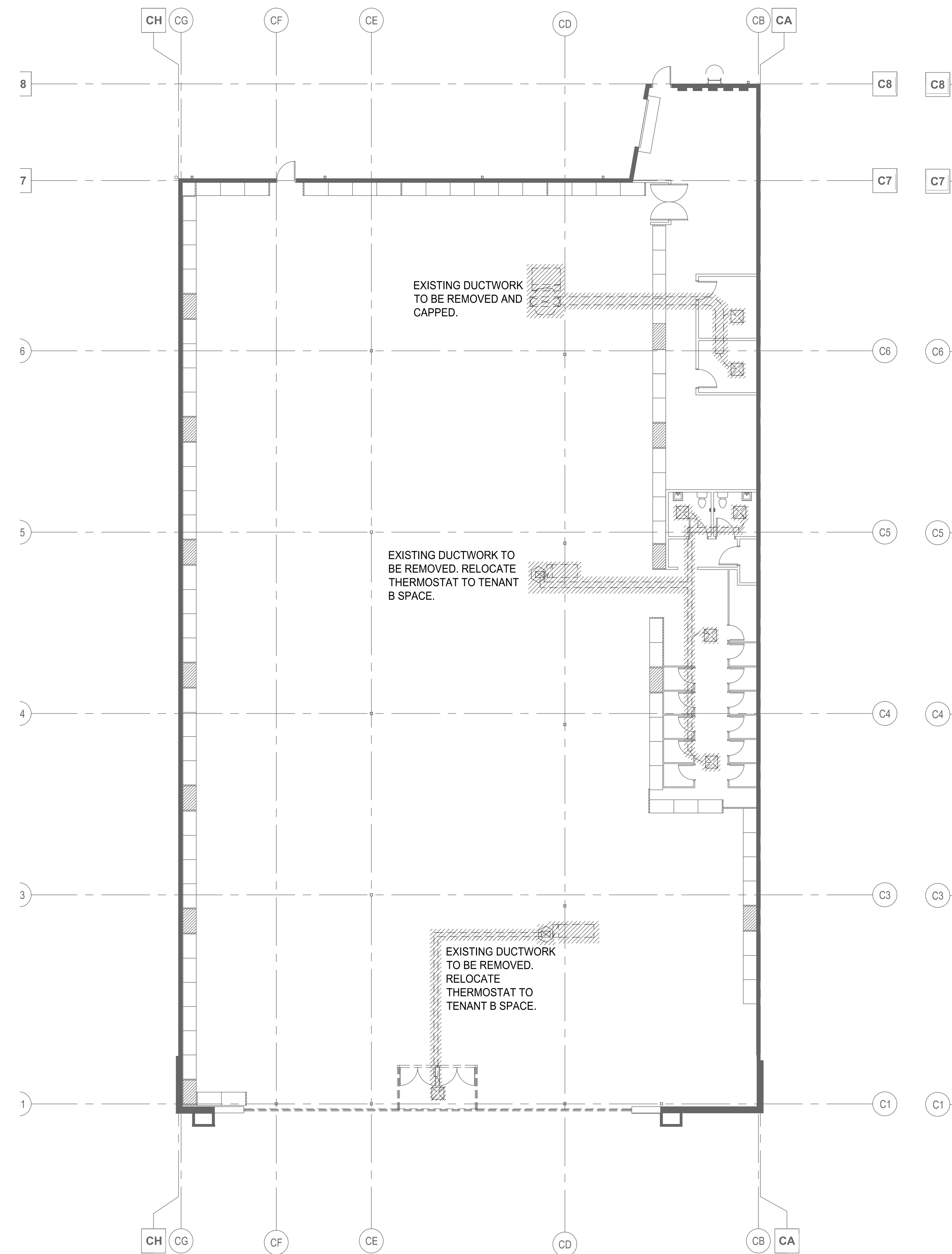
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GENERAL NOTES:

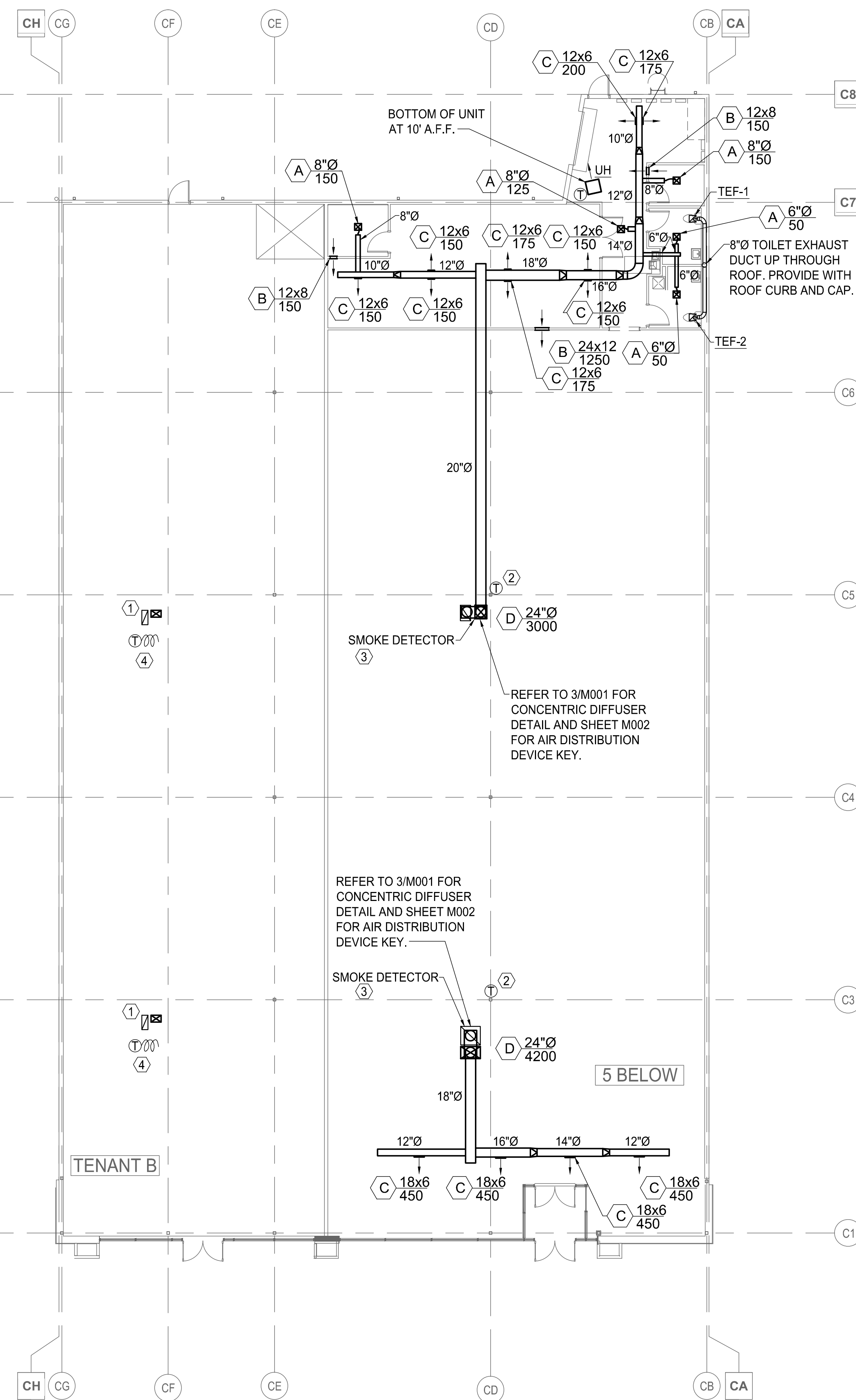
1. CONCENTRIC DIFFUSERS ARE TO BE MINIMUM OF 12" AFF.
2. ALL DUCTWORK TO BE INSTALLED AT A MINIMUM OF 12" AFF.

KEY NOTES:

- ① LINED (1") SUPPLY AND RETURN DROPS FROM RTU ABOVE, FULL SIZE OF UNIT OPENING. EXTEND 24" BELOW ROOF DECK FOR FUTURE TENANT CONNECTION.
- ② COORDINATE WITH TENANT PLANS FOR THERMOSTAT LOCATIONS AND MODEL.
- ③ COORDINATE WITH TENANT PLANS FOR REMOTE TEST STATION LOCATION AND MODEL (FOR DUCT SMOKE DETECTORS).
- ④ RELOCATE THERMOSTATS WITH MINIMUM OF 30 FEET THERMOSTAT CABLE FOR FUTURE TENANT USE.



1 FLOOR PLAN - HVAC DEMOLITION
M-101 SCALE: 3/32" = 1' - 0"



2 FLOOR PLAN - HVAC NEW WORK
M-101 SCALE: 3/32" = 1' - 0"



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1 ROOF PLAN - HVAC DEMOLITION
M-102 SCALE: 3/32" = 1' - 0"

2 ROOF PLAN - HVAC NEW WORK
M-102 SCALE: 3/32" = 1' - 0"

GENERAL NOTES:

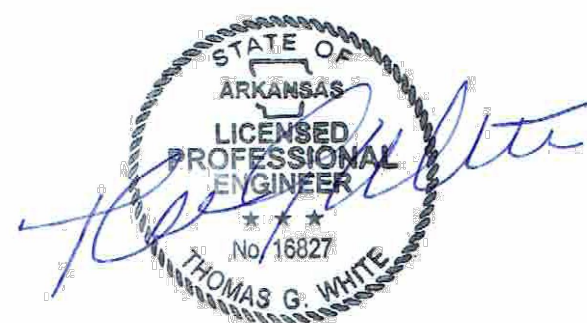
1. RTU-21 ON 1/M102 HAS BEEN RELOCATED AND RENAMED TO RTU-22B ON 2/M102.
2. RTU-22 ON 1/M102 HAS BEEN RELOCATED AND RENAMED TO RTU-22A ON 2/M102

KEY NOTES:

- ① EXISTING ROOFTOP UNIT TO REMAIN, ABANDON IN PLACE.
- ② EXISTING 12.5 TON ROOFTOP UNIT TO BE RELOCATED AND RENAMED. REFER TO 2/M102.
- ③ EXISTING 10 TON ROOFTOP UNIT TO BE RELOCATED AND RENAMED. REFER TO 2/M102.
- ④ COORDINATE WITH STRUCTURAL.



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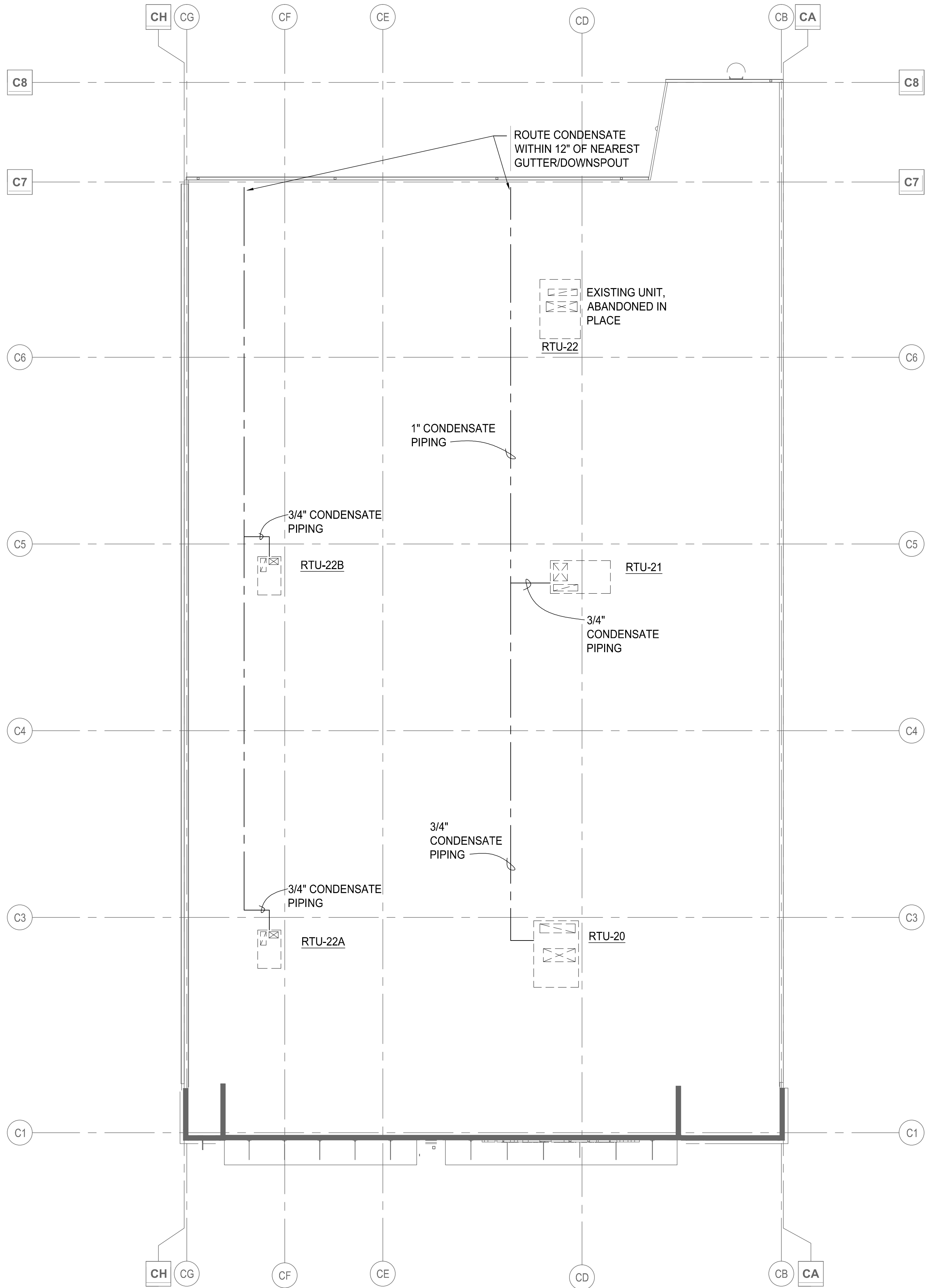
Revisions	

Date: 13 MARCH 2018
Project No.: 2017259.00
Sheet Title: ROOF PLAN - HVAC



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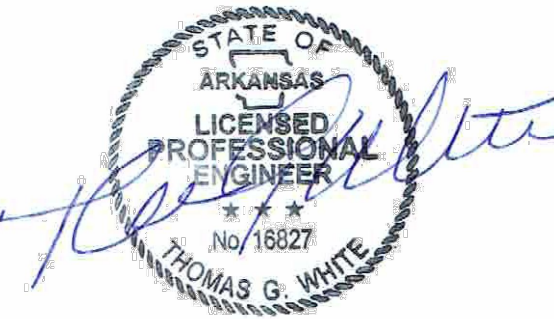
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2 ROOF PLAN - HVAC NEW WORK
 M-102 SCALE: 3/32" = 1' - 0"



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Date 13 MARCH 2018 Project No. 2017259.00

Sheet Title ROOF PLAN - HVAC

Sheet No.

M-103

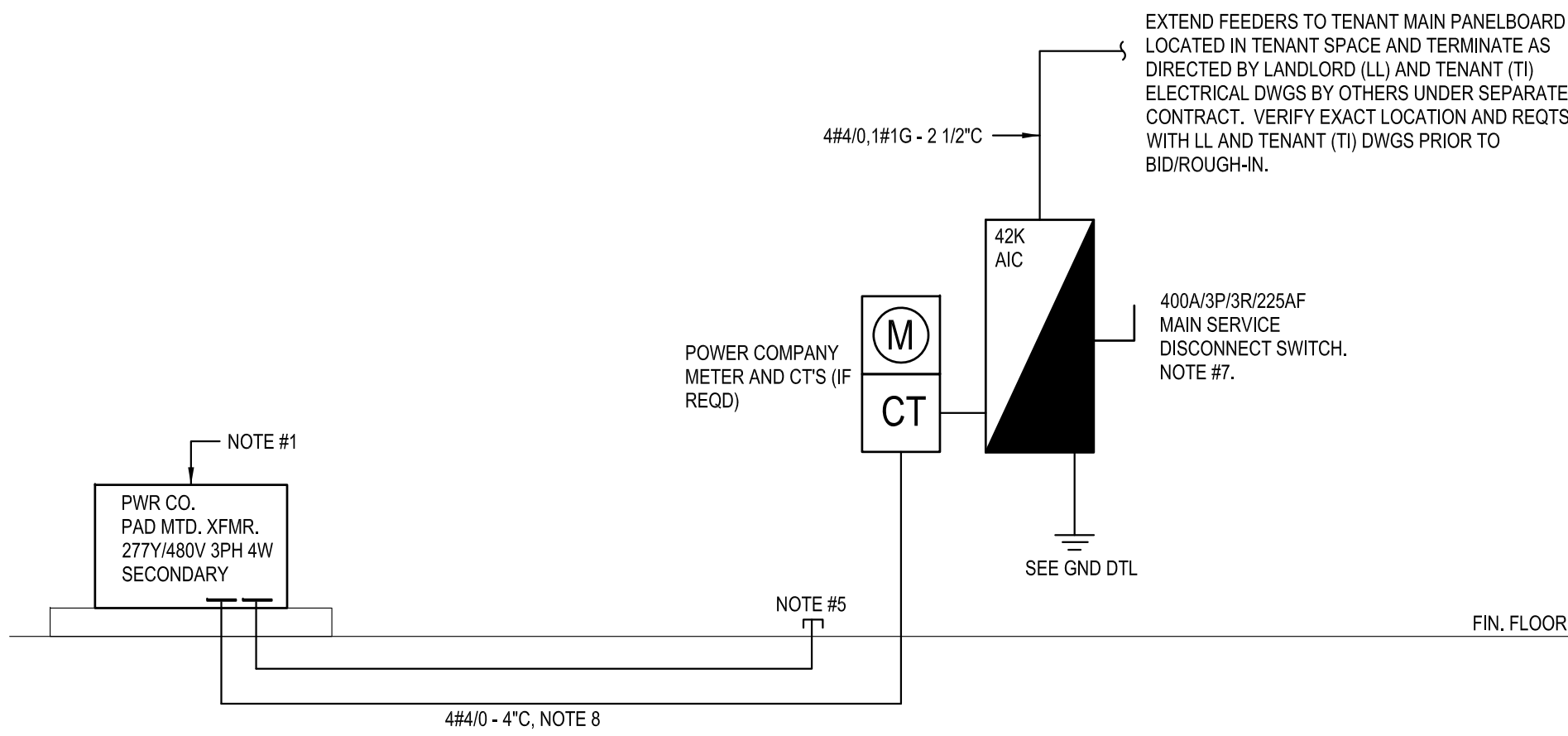
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RISER DIAGRAM NOTES - TENANT "B"

- FIELD VERIFY WITH POWER COMPANY AND CIVIL DRAWINGS THE EXACT LOCATION AND REQUIREMENTS OF THE POWER COMPANY TRANSFORMER PRIOR TO BID/ROUGH-IN.
- VERIFY LOCATION, DIMENSIONS AND CLEARANCES FOR ELECTRICAL SERVICE WITH ARCHITECTURAL AND CIVIL DRAWINGS PRIOR TO BID/ROUGH-IN.
- PROVIDE LIGHTNING ARRESTOR.
- ARRANGE EQUIPMENT SO AS TO MAXIMIZE SPACE FOR FUTURE EQUIPMENT REQUIREMENTS.
- EXTEND (1) 4" EC WITH PULL STRING TO PAD MOUNTED TRANSFORMER AND CAP FOR FUTURE.
- VERIFY EXACT LOCATION AND REQUIREMENTS FOR IRRIGATION SYSTEM (IF REQUIRED) WITH OWNER PRIOR TO BID/ROUGH-IN.
- ALL SERVICE DISCONNECT SWITCHES SHALL BE SERVICE ENTRANCE RATED.
- 277/480VOLT, 3 PHASE, 4 WIRE U.G. SERVICE TO POWER COMPANY PAD MOUNTED TRANSFORMER. FIELD VERIFY EXACT LOCATION AND REQUIREMENTS WITH CIVIL DRAWINGS AND POWER COMPANY PRIOR TO BID/ROUGH-IN.



RISER DIAGRAM - TENANT "B"
N.T.S.

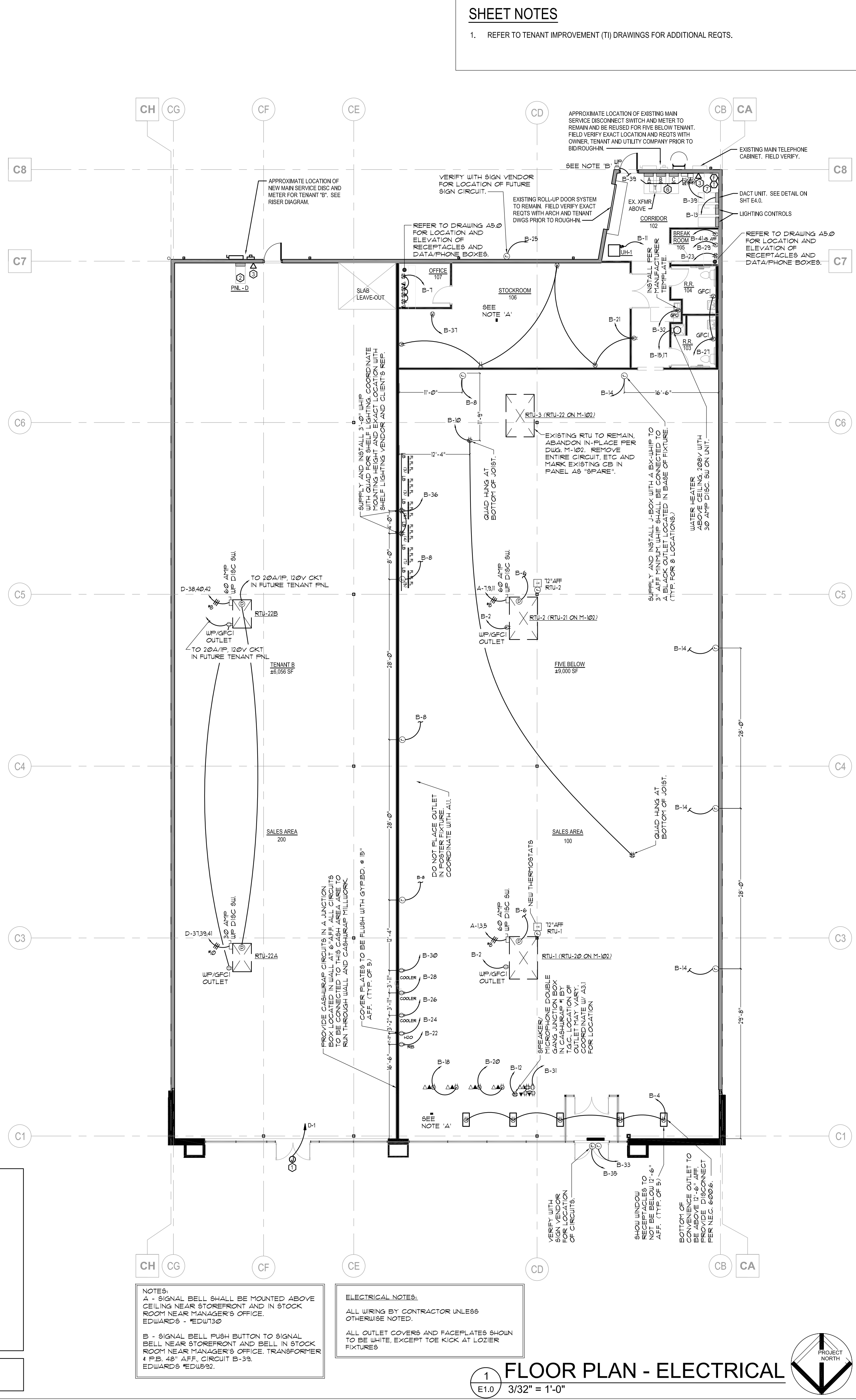
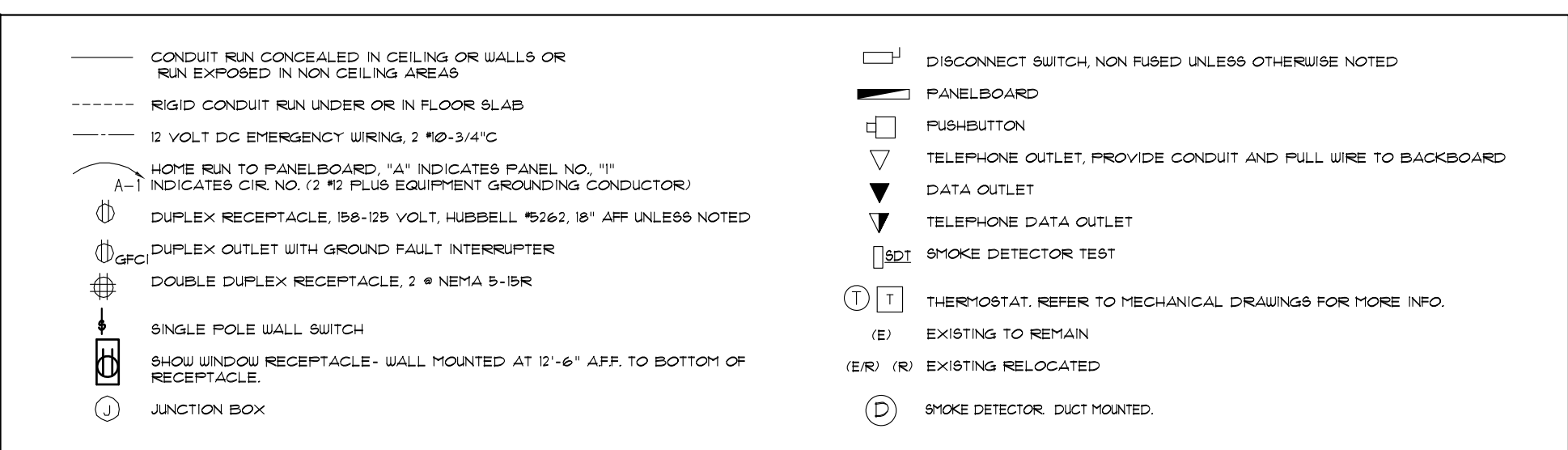
PANELBOARD SCHEDULE "D" (TENANT - B)

CIR #	TRIP	POLE	DESCRIPTION	CONNECTED LOAD KVA			DESCRIPTION	TRIP	CIR #
				PHASE A	PHASE B	PHASE C			
1	20/1	e.c.	STORE FRONT SIGN	1.5	.	.	SPARE	20/1	2
3	20/1	e.d	LTS - NORMEM	.	0.5	.	SPARE	20/1	4
5	20/1		SPARE	.	.	.	SPARE	20/1	6
7	20/1		SPARE	.	.	.	SPARE	20/1	8
9	20/1		SPARE	.	.	.	SPARE	20/1	10
11	20/1		SPARE	.	.	.	SPARE	20/1	12
13	20/1		SPARE	.	.	.	SPARE	20/1	14
15	20/1		SPARE	.	.	.	SPARE	20/1	16
17	20/1		SPARE	.	.	.	SPARE	20/1	18
19	20/1		SPARE	.	.	.	SPARE	20/1	20
21	20/1		SPARE	.	.	.	SPARE	20/1	22
23	20/1		SPARE	.	.	.	SPARE	20/1	24
25	20/1		SPARE	.	.	.	SPARE	20/1	26
27	20/1		SPARE	.	.	.	SPARE	20/1	28
29	20/1		SPARE	.	.	.	SPARE	20/1	30
31	20/1		SPARE	.	.	.	SPARE	20/1	32
33	20/1		SPARE	.	.	.	SPARE	20/1	34
35	20/1		SPARE	.	.	.	SPARE	20/1	36
37	30/3	e	RTU - 22A	6.2	7.8			35/3	e
39				6.2	7.8				40
41						6.2	7.8		42
MIN. BREAKER A.I.C.				42,000	15.5	14.5		TOTAL CONNECTED LOAD:	44.0
								TOTAL DEMAND LOAD:	49.9

- NOTES:
- CONTROLLED VIA TIME CLOCK, 7-DAY, SKIP-A-DAY, ASTRODIAL (TORK OR EQUAL).
 - ROUTE THRU CONTACTOR FOR TIME CLOCK "ON" / TIME CLOCK "OFF" OPERATION.
 - ROUTE THRU CONTACTOR FOR PHOTOCELL "ON" / TIME CLOCK "OFF" OPERATION.
 - PROVIDE LOCK "ON" DEVICE THIS CIRCUIT.
 - FIELD VERIFY REQTS PRIOR TO BID/ROUGH-IN.

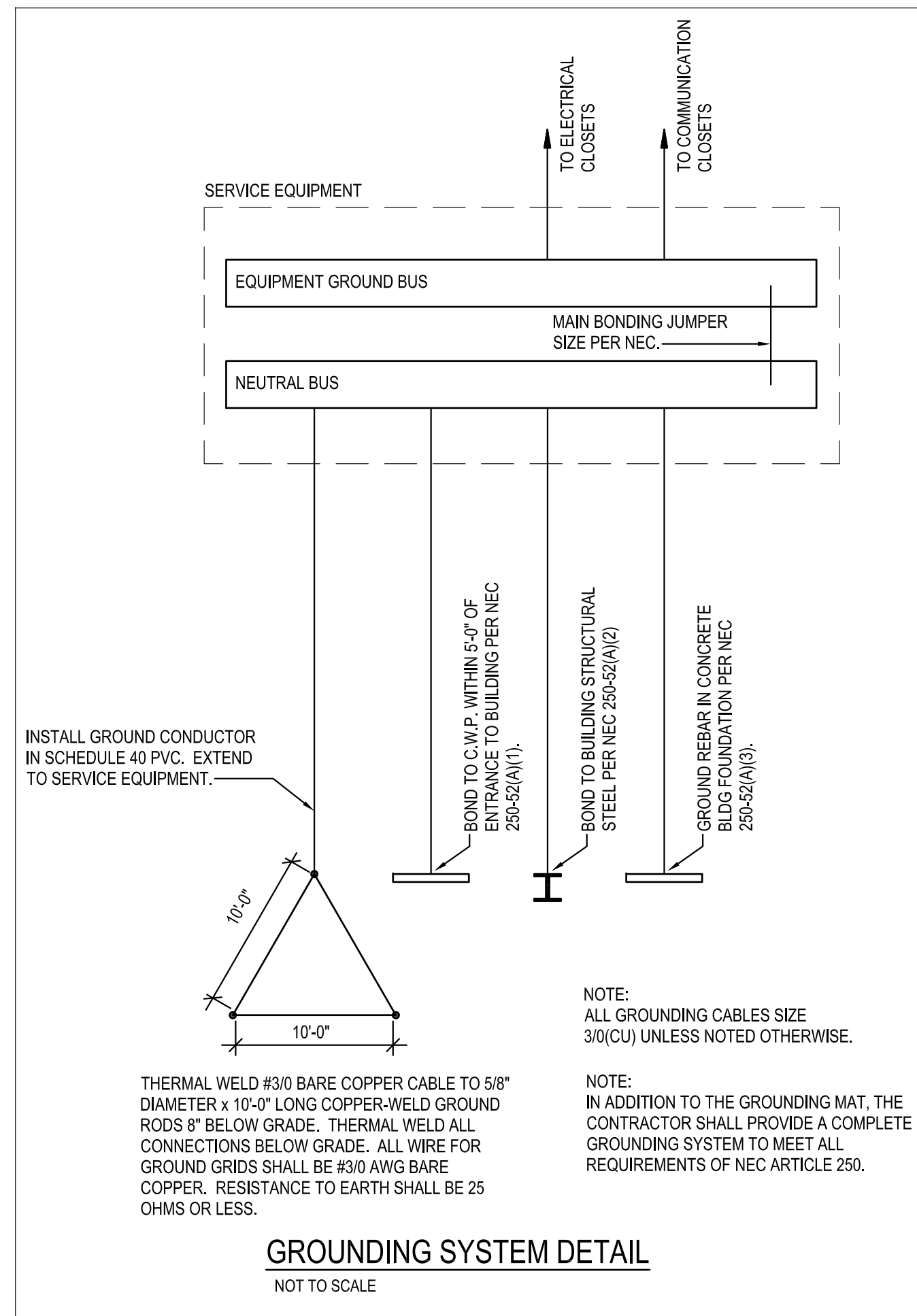
ELECTRICAL KEY NOTES

- JBOX FOR TENANT SIGNAGE. FIELD VERIFY EXACT LOCATION AND REQTS WITH OWNER, TENANT AND ARCH DWGS PRIOR TO ROUGH-IN.
- FIELD VERIFY TENANT PANELBOARD AND TELEPHONE TERMINAL BOARD (TTB) LOCATION AND REQUIREMENTS WITH LANDLORD AND TENANT DRAWINGS PRIOR TO ROUGH-IN.
- STUB AND CAP 1" EC WITH PULL WIRE FROM NEAREST MAIN BUILDING TELEPHONE CABINET. STUB 6" ABOVE TTB IN TENANT SPACE. FIELD VERIFY EXACT LOCATION AND REQUIREMENTS OF TTB WITH OWNER AND TENANT DWGS PRIOR TO ROUGH-IN.
- APPROXIMATE LOCATION OF EXISTING WALL MOUNTED AREA LIGHTING FIXTURE. FIELD VERIFY WITH OWNER AND ARCH DWGS THE EXACT LOCATION AND REQTS. IF FIXTURE IS TO REMAIN, CLEAN, REPAIR, RE-LAMP, RE-BALLAST AND PAINT FIXTURE PER OWNER REQTS. OWNER SHALL DETERMINE WHETHER FIXTURE IS TO REMAIN AND BE RESTORED OR BE REPLACED WITH NEW FIXTURE TO MEET NEW TENANT REQTS. SEE SHEET E2.0.
- APPROXIMATE LOCATION OF EXISTING WALL MOUNTED TENANT PERSONNEL DOOR LIGHTING FIXTURE. FIELD VERIFY WITH OWNER AND ARCH DWGS THE EXACT LOCATION AND REQTS. IF FIXTURE IS TO REMAIN, CLEAN, REPAIR, RE-LAMP, RE-BALLAST AND PAINT FIXTURE PER OWNER REQTS. OWNER SHALL DETERMINE WHETHER FIXTURE IS TO REMAIN AND BE RESTORED OR BE REPLACED WITH NEW FIXTURE TO MEET NEW TENANT REQTS. SEE SHEET E2.0.
- EXISTING TENANT PANELBOARDS TO REMAIN. RECONFIGURE AS SHOWN ON PLANS. CLEAN, REPAIR AND REPLACE AS REOD. REFER TO PANEL SCHEDULES FOR ADDITIONAL REQTS. FIELD VERIFY EXACT LOCATION AND REQTS WITH OWNER, TENANT AND ARCH DRAWING PRIOR TO BID/ROUGH-IN.
- EXISTING FIRE SPRINKLER RISER. FIELD VERIFY WITH OWNER AND FIRE PROTECTION DWGS THE EXACT LOCATION AND REQTS. SEE SPRINKLER RISER DETAIL ON SHEET E4.0 FOR ADDITIONAL REQTS.

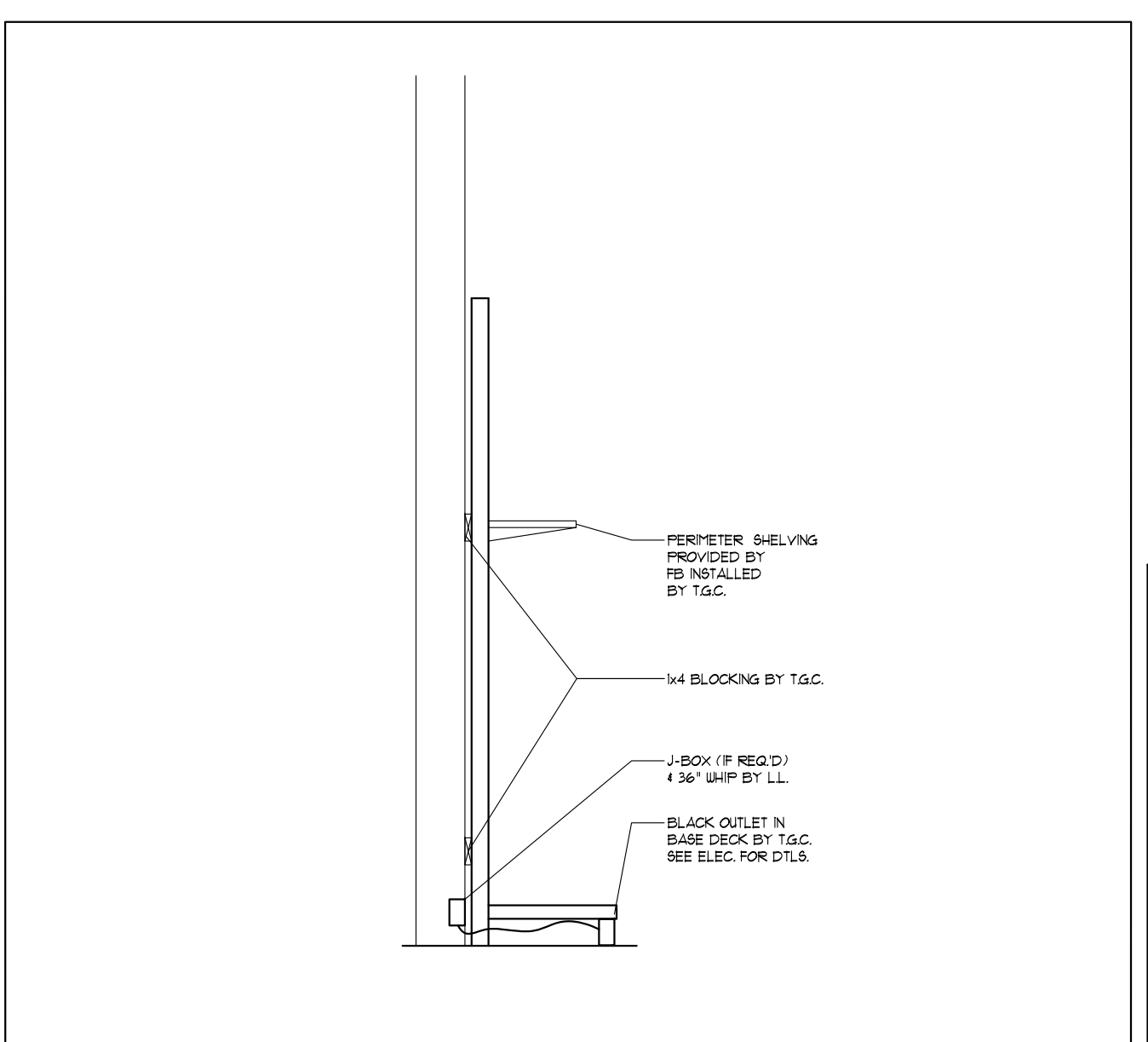


SHEET NOTES

- REFER TO TENANT IMPROVEMENT (TI) DRAWINGS FOR ADDITIONAL REQTS.

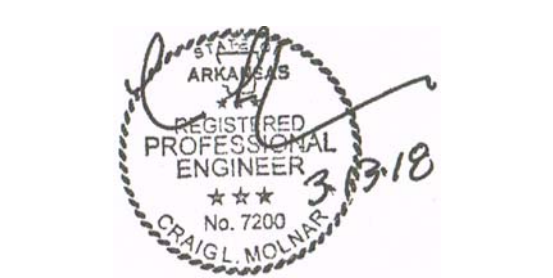


GROUNDING SYSTEM DETAIL
NOT TO SCALE



A ELECTRICAL LEGEND

B SEC. @ PERIMETER SHELVING



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architecture/interiors

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A DEVELOPMENT BY:

7401 ALCOA RD
BRYANT, AR 72022

Print Record

13 MARCH 2018	PERMIT SET
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Revisions

Date: 13 MARCH 2018
Project No.: 2017259.00

Sheet Title: POWER PLAN

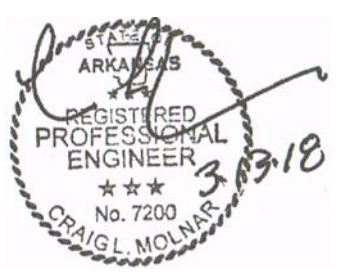
Sheet No.: **E1.0**

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FLOOR PLAN - ELECTRICAL
1/32" = 1'-0"



RANDALL PAULSON architects

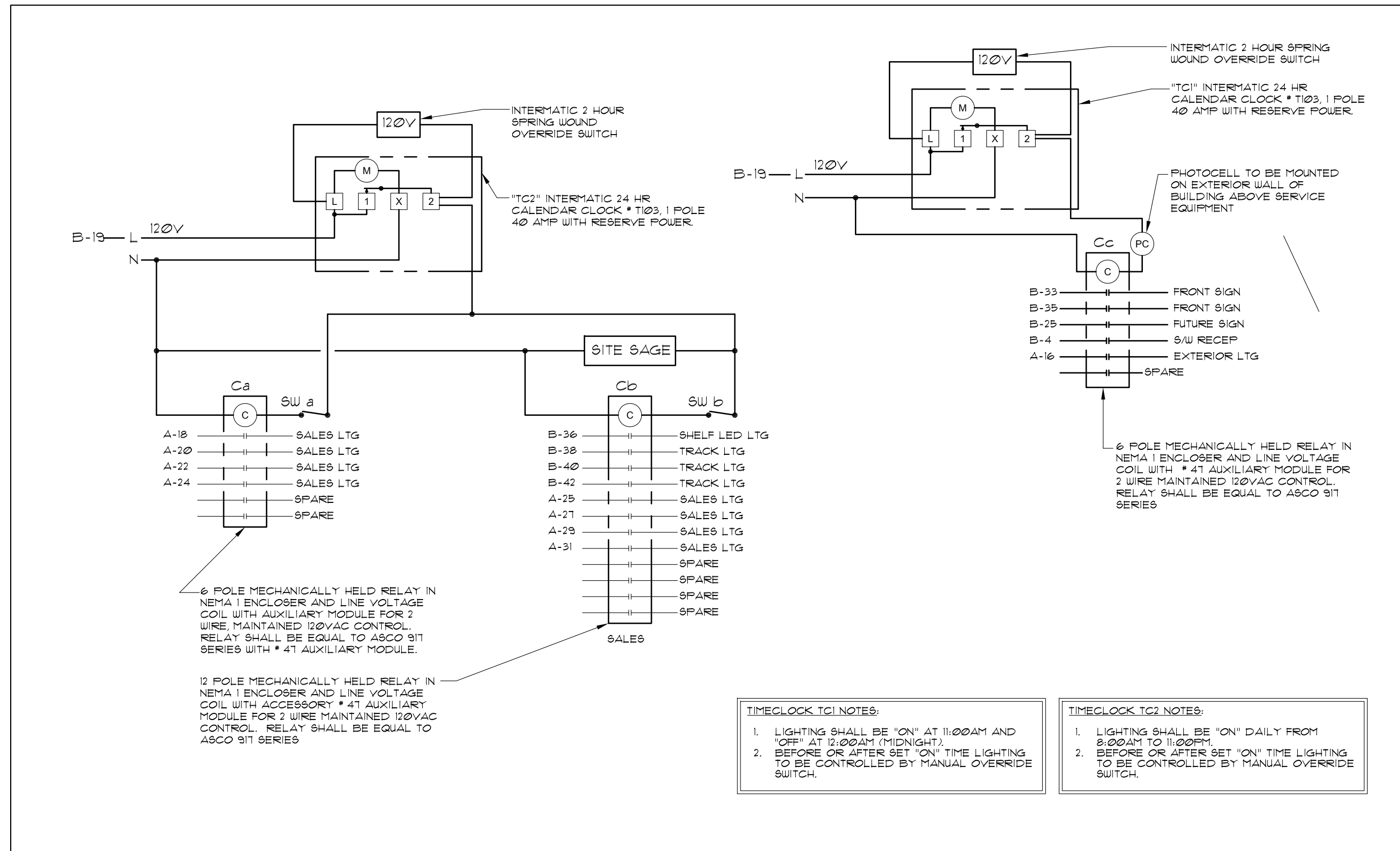


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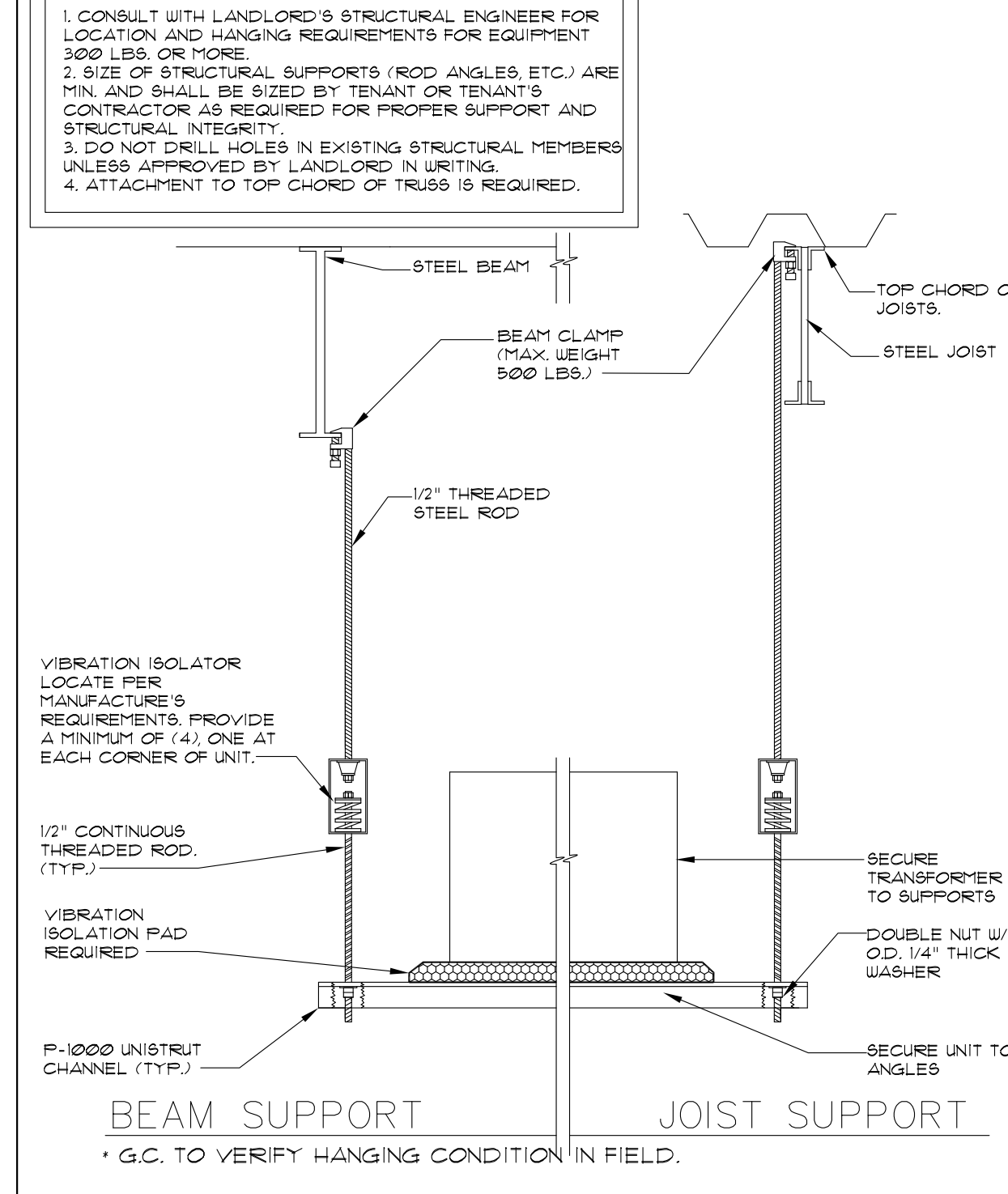
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3 CONTACTOR TIME CLOCK DETAILS

NOTES: 1. CONSULT WITH LANDLORD'S STRUCTURAL ENGINEER FOR LOCATION AND HANGING REQUIREMENTS FOR EQUIPMENT 3000 LBS. OR MORE...



6 HANGING TRANSFORMER DETAIL

ALL PANEL BRANCH CIRCUITS ARE BY L.L. UNLESS OTHERWISE NOTED.

ELECTRICAL LOAD SUMMARY 277/480V, 3PH, 4W. Table with columns for Load Description, Connected Load (W), Demand Factor, Demand Load (Watts), and Demand Load (Amps).

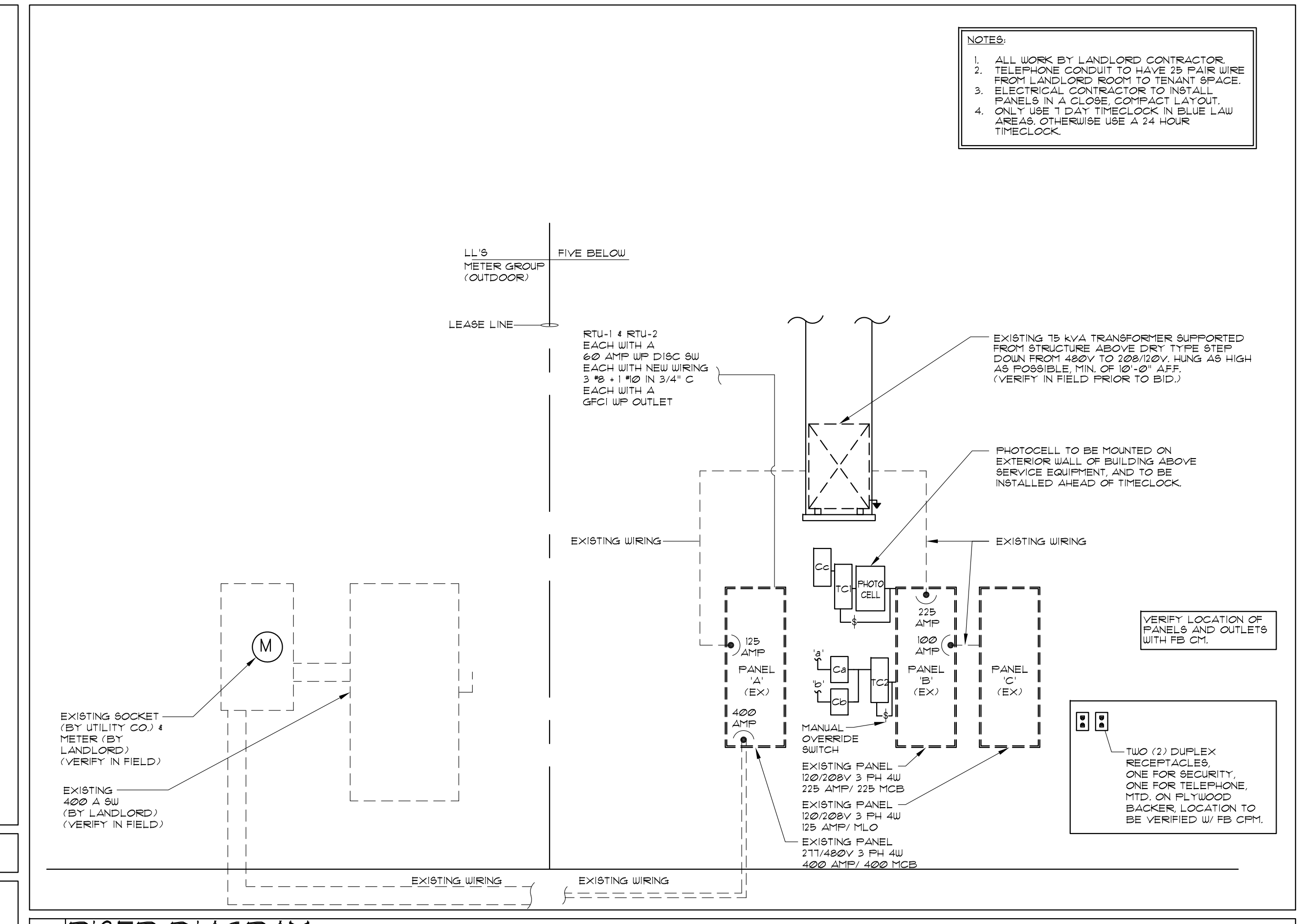
2 ELECTRICAL PANEL SCHEDULE AND LOAD SUMMARY

- 1. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT FOR THE COMPLETE INSTALLATION. 2. ALL SWITCHES ARE TO BE # 46" AFF. AND ARE TO BE 20A 120/217V T1 RATED, SPEC. GRADE TYPE.

5 NOTES

EXISTING PANEL "A" and "B" schedules. Tables listing items, counts, and phases for panels A, B, and C. Includes a note: 8% IS < 10% SO PANEL IS BALANCED.

SERVICE IS 277/480 VOLT; 3 PHASE; 4 WIRE. PANEL SHALL BE RATED AT 400 AMPS WITH 400 AMP MAIN CIRCUIT BREAKER.



1 RISER DIAGRAM

- 12. ALL ELECTRICAL EQUIPMENT SHOWN SHALL BE ELECTRICALLY PROTECTED AND PROPERLY WIRED IN ACCORDANCE WITH THE STATE BUILDING CODES. 13. FLEXIBLE METAL RACEWAYS 6 FEET OR LESS IN LENGTH SHALL BE PROVIDED TO ALL ELECTRICAL EQUIPMENT SUBJECT TO VIBRATION OR MOVEMENT AND FOR ALL MOTORS...

4 MASTER LIGHTING SWITCH BANK

EXISTING PANEL "C" schedule. Table listing items, counts, and phases for panel C. Includes a note: 8% IS < 10% SO PANEL IS BALANCED.

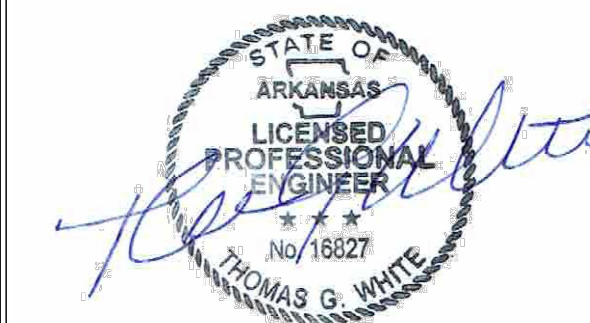
SERVICE IS 120/208 VOLT; 3 PHASE; 4 WIRE. PANEL SHALL BE RATED AT 125 AMPS WITH MAIN LUGS ONLY.

Revision table with columns for Date, Description, and Author.

Date: 13 MARCH 2018, Project No.: 2017259.00. Sheet Title: ELECTRICAL PANEL SCHEDULE, RISER & NOTES. Sheet No.: E3.0. Legend: Released for Construction (black square), Not Released for Construction (white square).



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Hall Equities Group
Real Estate Investment • Development • Management

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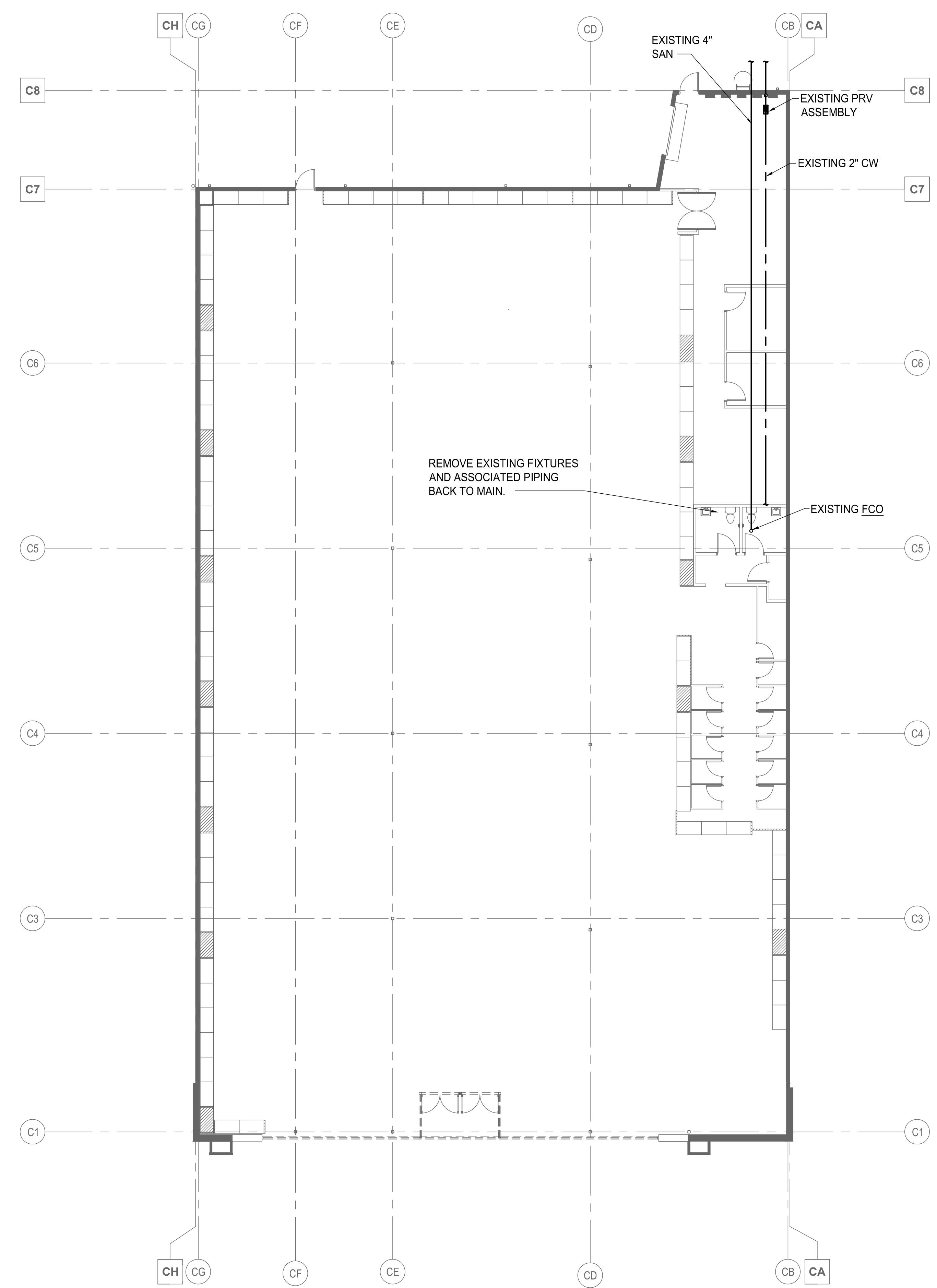
Revisions	

Date: 13 MARCH 2018 Project No.: 2017259.00

Sheet Title: EXISTING FLOOR PLAN - PLUMBING

Sheet No. P-101

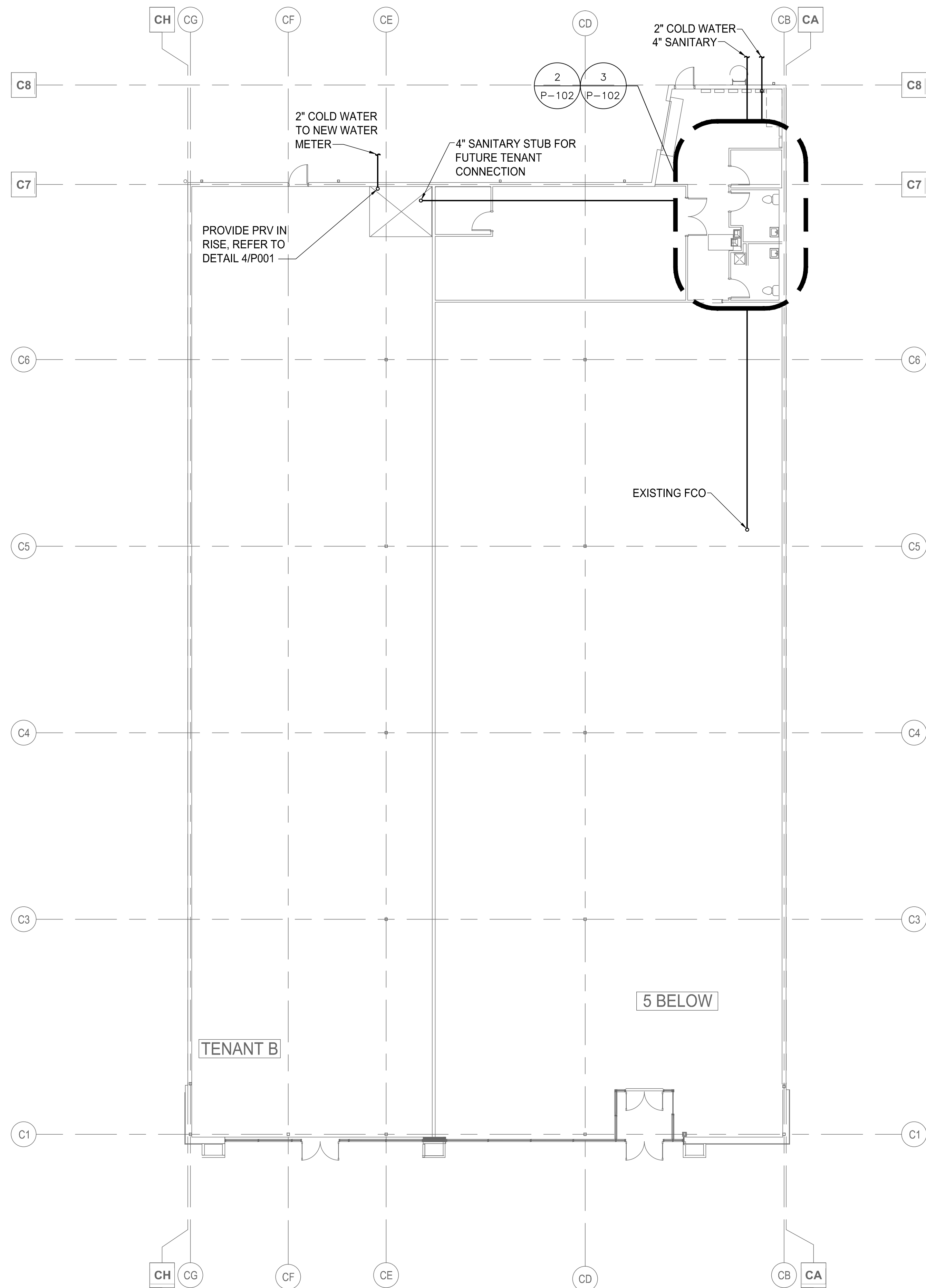
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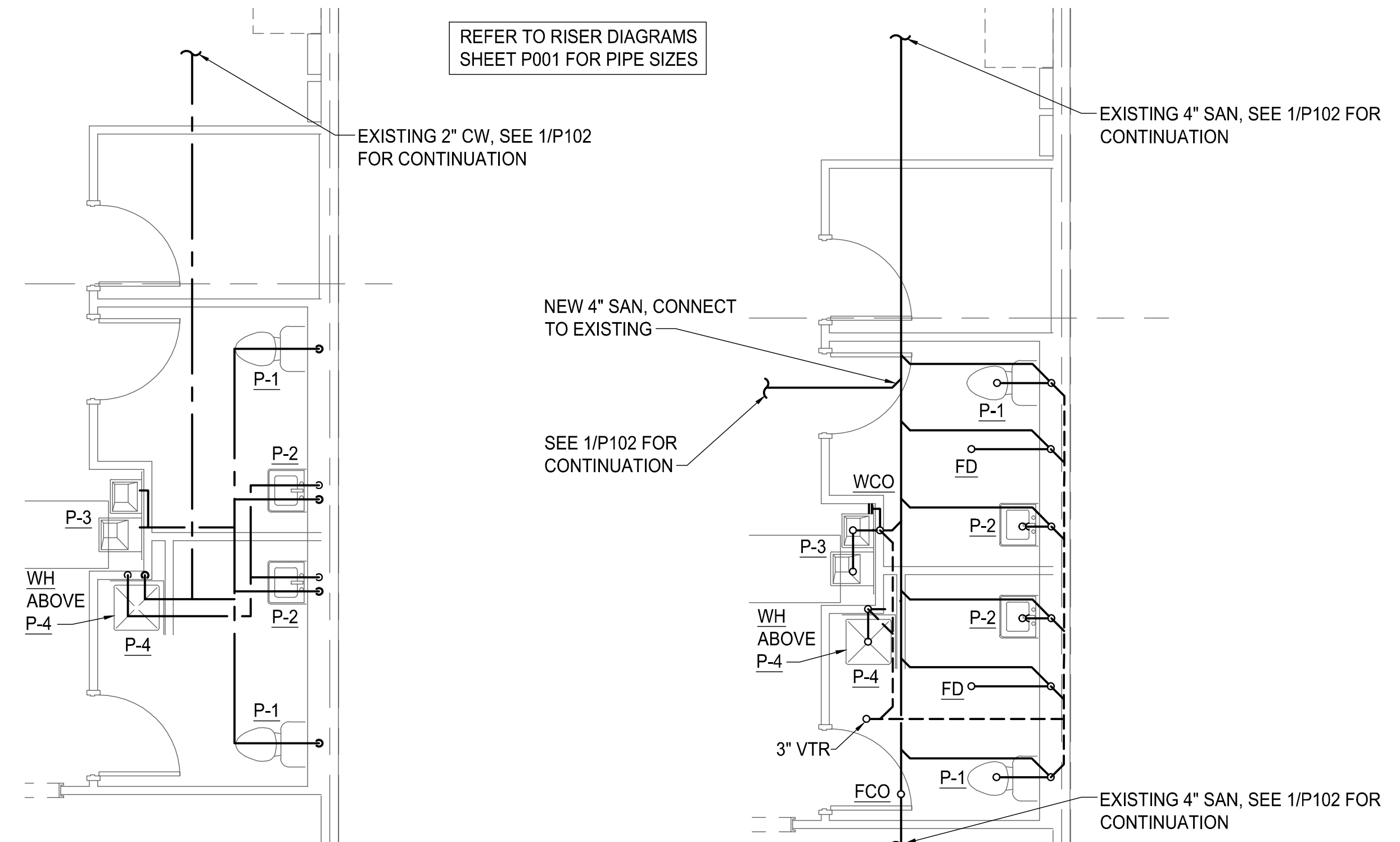
1 EXISTING FLOOR PLAN - HVAC
P-101 SCALE: 3/32" = 1' - 0"



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1 NEW FLOOR PLAN - PLUMBING
 P-102 SCALE: 3/32" = 1' - 0"



2 PART FLOOR PLAN - WATER
 P-102 SCALE: 1/4" = 1' - 0"

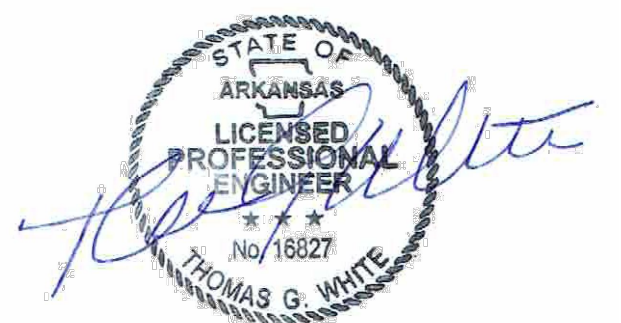
3 PART FLOOR PLAN - SANITATION
 P-102 SCALE: 1/4" = 1' - 0"

PLUMBING FIXTURE SCHEDULE							
FIXTURE	DESCRIPTION	MANUFACTURER & CAT. NO.	PIPING CONNECTIONS				REMARKS
			S/W	VENT	C.W.	H.W.	
P-1	TOILET - FLOOR MOUNTED	AMERICAN STANDARD NO. 2467.016	4"	2"	1/2"	N/A	FLOOR MOUNTED, FLUSH TANK TYPE, PRESSURE ASSIST FLUSHING SYSTEM, 1.6 GPF, CHURCH NO. 534.016 SOLID TOP, ELONGATED VITREOUS CHINA, ADA COMPLIANT.
P-2	LAVATORY - WALL MOUNTED	AMERICAN STANDARD NO. 0321.075	2"	2"	1/2"	1/2"	PROVIDE WITH CERAMIX 2000.100 FAUCET WITH 0.5 GPM AERATOR AND MCGUIRE "PROWRAP" MODEL PW 2125 WC OFF-SET WASTE WITH P-TRAP, GRID WASTE AND SUPPLIES ALL COATED WITH SEAMLESS ANTI-MICROBIAL PIPE INSULATOR MADE OF PVC RESIN, TEMPERING VALVE, TACO 5120 OR EQUAL TO MAINTAIN 110°F OR LESS TO LAVATORY.
P-3	WATER FOUNTAIN - WALL MOUNTED, ADA	ELKAY EZ0STL8L2J0C	2"	2"	1/2"	N/A	WALL MOUNTED, HI-LO WATER FOUNTAIN WITH FRONT/SIDE TOUCH PADS, 6 GPH CAPACITY, ADA COMPLIANT, 50 DEGREE F SUPPLY WATER.
P-4	MOP SINK	CRANE PLUMBING MODEL MSB2424	3	2"	1/2"	1/2"	FURNISH WITH FIAT #830-AA FAUCET, 24X24X10 MOP BASIN, WHITE.
WCO	WALL CLEANOUT	JOSAM SERIES 58910	SEE DWG	N/A	N/A	N/A	PROVIDE WITH GAS-TIGHT, WATER-TIGHT ABS PLUG
FCO	FLOOR CLEANOUT	JOSAM SERIES 58360	SEE DWG	N/A	N/A	N/A	PROVIDE WITH GAS-TIGHT, WATER-TIGHT ABS PLUG

- ACCEPTABLE ALTERNATE MANUFACTURERS INCLUDE KOHLER AND TOTO.
- SUBMIT CUT SHEETS OF PLUMBING FIXTURES TO ARCHITECT FOR APPROVAL BEFORE ORDERING.



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Sheet Title
 NEW FLOOR PLAN - PLUMBING

Sheet No.
P-102

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