



Table with 2 columns: ISSUE, DATE, DESCRIPTION. Rows include 06-30-22 ISSUE FOR ENGINEERING, 07-7-22 ISSUE FOR CLIENT REVIEW, 08-05-22 ISSUE FOR PERMIT.

PROJECT INFORMATION BLOCK

Table with 2 columns: FIELD, VALUE. Fields include JOB # (222702349), DATE (06-01-2022), DRAWN BY (AK), CHECKED BY (BRMA).

MODEL

SHEET TITLE

COVER SHEET

SHEET NUMBER

A0.0

HERC RENTALS TENANT IMPROVEMENTS 1460 SE HAMBLEN ROAD, LEE SUMMIT, MO 64081

GENERAL NOTES

- 1. ALL WORK SHALL BE IN COMPLIANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL BUILDING CODES, REGULATIONS, ORDINANCES AND STANDARDS INCLUDING ADA AND OR OTHER HANDICAP ACCESSIBILITY CODES.
2. GENERAL CONTRACTOR SHALL COORDINATE WITH THE OWNER'S VENDORS REGARDING SCHEDULING AND SEQUENCING OF THE WORK.
3. THE CONSTRUCTION NOTES AND DRAWINGS ARE SUPPLIED TO ILLUSTRATE THE DESIGN AND GENERAL TYPE OF CONSTRUCTION DESIRED AND ARE INTENDED TO IMPLY THE FINEST QUALITY OF CONSTRUCTION, MATERIAL AND WORKMANSHIP THROUGHOUT.
... (notes 4-14) ...

NOTE: CONSTRUCTION PROJECT MANAGER SHALL VERIFY ALL WORK HAS BEEN CONSTRUCTED PER PERMITTED PLANS AND IS COMPLIANT PRIOR TO REQUESTING POST-CONSTRUCTION ACCESSIBLE CERTIFICATION VISIT BY ARCHITECT. ALL NEW CONSTRUCTION SHALL BE VERIFIED TO BE IN COMPLIANCE WITH THE LOCALLY ADOPTED ACCESSIBILITY REGULATIONS. ANYTHING FOUND NOT IN COMPLIANCE SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. ALL SLOPES WITHIN ACCESSIBLE ROUTES AND ACCESSIBLE PARKING AREAS SHALL BE MEASURED WITH A 24 INCH SMART LEVEL

G.C. RESPONSIBLE FOR COORDINATING ALL SITE WORK AND RELATED BUILDING WORK. MEASURE ALL SLOPES ON SIDEWALKS AND RAMPS WITH 24" LONG DIGITAL LEVEL SET TO PERCENTAGE. CONFIRM ALL SLOPES ARE COMPLIANT PER DRAWINGS AND LOCAL CODE BEFORE CALLING FOR FINAL ARCHITECT PATH OF TRAVEL INSPECTION.

CONSTRUCTION PROJECT MANAGER AND GC ARE RESPONSIBLE FOR REVIEWING THE PERMITTED PLANS, IDENTIFYING ANY FIELD CONDITIONS THAT VARY FROM APPROVED PERMITTED PLANS AND CONFIRMING SCOPE OF WORK

G.C. AND CONSTRUCTION PROJECT MANAGER SHALL SUBMIT COMPLETION PHOTOS TO ARCHITECT PRIOR TO REQUESTING FINAL PUNCH WALK BY ARCHITECT OR LAINE VALENTE INDUSTRIES, INC.

ABBREVIATIONS

Table of abbreviations with columns: GENERAL ABBREVIATIONS, ABBREVIATION, DESCRIPTION. Includes terms like ANNEALED, AIR CONDITIONING, INSULATION, etc.

OWNER & CONSULTANTS

PROJECT OWNER: LANE VALENTE INDUSTRIES, INC. CONTACT: DAVID O'SULLIVAN. ARCHITECT: STANTEC ARCHITECTURE. STRUCTURAL ENGINEER: BRAD YOUNG & ASSOCIATES.

JURISDICTION CONTACTS

MEP ENGINEER: ENGINEERED DESIGN GROUP CONTACT: THOMAS JULIANO. BUILDING DEPARTMENT: CITY OF LEE SUMMIT, MO.

PROJECT INFORMATION

SCOPE OF WORK: PROVIDE AND INSTALL (1) NEW OVERHEAD DOOR, (1) NEW HAND SINK, (1) INTERIOR NEW EQUIPMENT WASH AREA WITH CLOSED LOOP RECYCLE SYSTEM, (2) NEW LUBE CUBES WITH "U" SHAPED BOLLARDS, MEZZANINE LEVEL HVAC WORK & MISC MEP & EQ. WITHIN EXISTING ~21,449 SF SPACE.

(SEE ENGINEERING SHEETS) FOR FURTHER INFORMATION

NOTE: HERC RENTALS IS A CONSTRUCTION EQUIPMENT RENTAL SPACE. HERC RENTALS OFFERS DAILY, WEEKLY, MONTHLY RATES FOR EQUIPMENT & TOOL RENTALS FOR CONSTRUCTION AND INDUSTRIAL APPLICATIONS.

JURISDICTION: CITY OF LEE SUMMIT, MO. PARCEL ID#: 61-800-01-74-00-0-00-000. LEGAL DESCRIPTION: LEE'S SUMMIT SOUTH INDUSTRIAL PARK REPEAT OF LOT 3, 3RD PLAT--- LOT 3-B

ZONING: PLANNED INDUSTRIAL

REFERENCE CODES: 2018 INTERNATIONAL BUILDING CODE (IBC), 2018 INTERNATIONAL MECHANICAL CODE (IMC), 2018 INTERNATIONAL PLUMBING CODE (IPC), 2018 INTERNATIONAL EXISTING BUILDING CODE (IEBC), 2017 NATIONAL ELECTRICAL CODE (NEC), 2018 INTERNATIONAL FIRE CODE, INTERNATIONAL CODE COUNCIL (ICC)/ANSI A117.1 - 2009, ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES.

OCCUPANCY CLASSIFICATION [SECTION 7]: PROPOSED USE: RETAIL EQUIPMENT RENTAL MERCANTILE GROUP M (EXISTING, NO CHANGE)

EXISTING BUILDING AREA: 1ST FLOOR: 20,100 SF MEZZANINE: 1,349 SF

1ST FLOOR OFFICE SPACE: 1,349 SF MEZZANINE OFFICE SPACE: 1,349 SF WORK SHOP: 18,751 SF GROSS FLOOR AREA: 21,449 SF (NO CHANGE)

TYPE OF CONSTRUCTION (CHAPTER 6):

IB - SPRINKLERED

OCCUPANT LOAD (TABLE 1004.5):

OCCUPANT LOAD FACTOR: 40 OFFICE 2,698 SQ. FT. / 60 SQ. FT. = 45. OCCUPANT LOAD FACTOR: 300 WORK SHOP 18,751 SQ. FT. / 300 SQ. FT. = 62.5. TOTAL OCCUPANT LOAD: 108 OCCUPANTS (EXISTING, NO CHANGE)

PLUMBING FIXTURES (TABLE 2902.1):

108 OCCUPANTS / 2 = 54 WATER CLOSETS: 1/500 REQUIRED: 2 PROVIDED LAVATOIRES: 1/750 REQUIRED: 2 PROVIDED DRINKING FOUNTAIN: 1/1,000; 1 PROVIDED SERVICE SINK: 1 PROVIDED

EGRESS WIDTH (SECTION 1005):

MEZZANINE OFFICE OCCUPANT LOAD: 1,349 / 60 = 22.48 OCCUPANTS MIN. EXIT WIDTH REQUIRED: 22.48 OCCUPANTS X .3 = 6.74' (1) 36" STAIRWAY PROVIDED

OFFICE AREA OCCUPANT LOAD: 2,698 / 60 = 44.9% OCCUPANTS:

MIN. EXIT WIDTH REQUIRED: 45 OCCUPANTS X .2 = 9' (1) 36" DOOR (PROVIDED)

WORK SHOP OCCUPANT LOAD: 18,751 SQ. FT. / 300 SQ. FT. = 62.5

MIN. EXIT WIDTH REQUIRED: 62.5 OCCUPANTS X .2 = 12.5' (3) 36" DOORS (PROVIDED)

NUMBER OF EXITS (SECTION 1006)

EXITS REQUIRED: 2 EXITS PROVIDED: 4

EXIT SEPARATION (SECTION 1007)

SPRINKLERED BUILDING: 1/3 OF THE LENGTH MAX OVERALL DIAGONAL BUILDING OVERALL DIAGONAL DISTANCE: 222'-7" MINIMUM EXIT SEPARATION: 1/3 DIAGONAL LENGTH = 74'-2" EXIT SEPARATION PROVIDED: 194'-6" (EXISTING, NO CHANGE)

MAX TRAVEL DISTANCE (TABLE 1017)

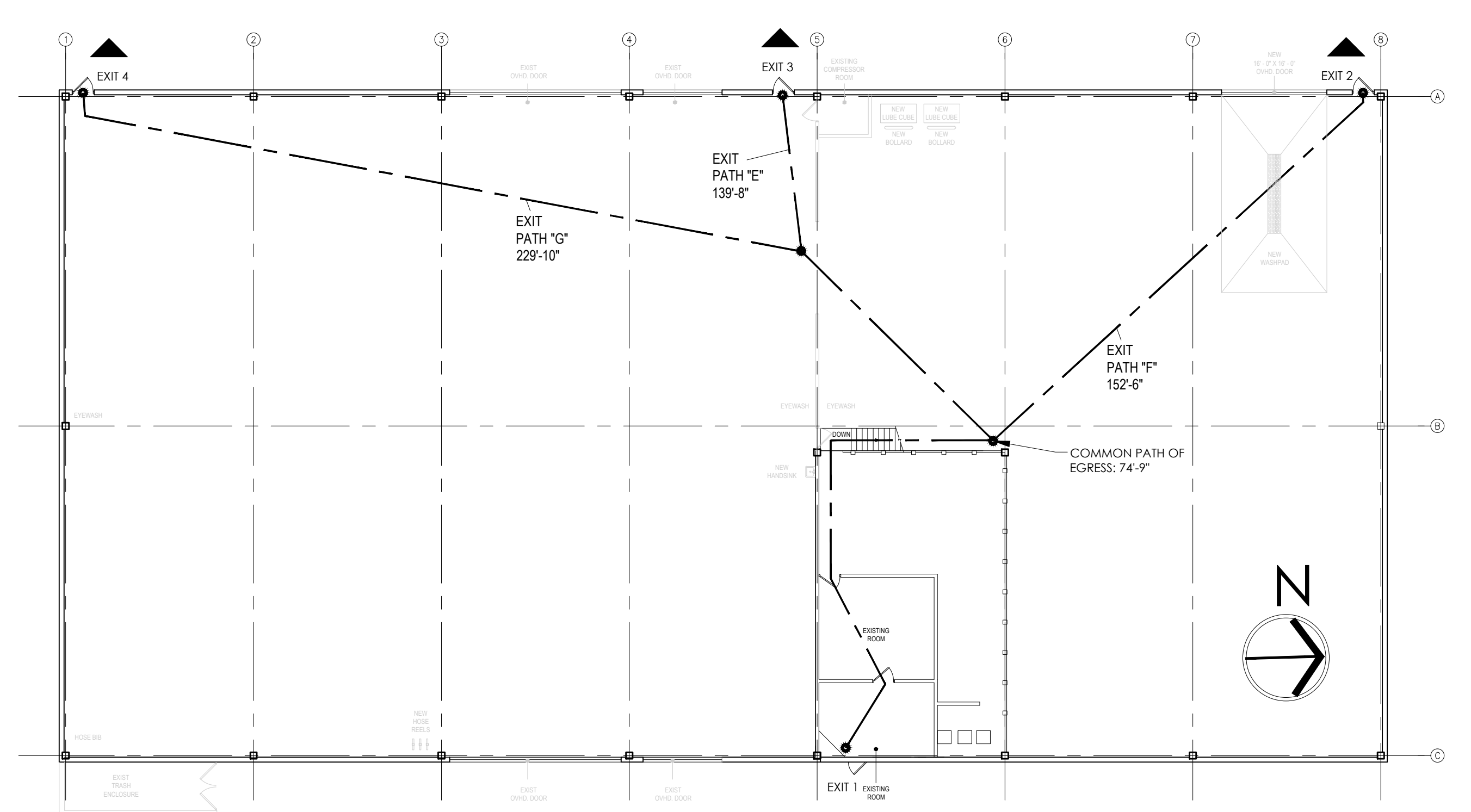
MAX TRAVEL DISTANCE WITH SPRINKLERS: 230'-0" MAX TRAVEL DISTANCE PROVIDED: 99'-3"

COMMON PATH OF EGRESS TRAVEL (TABLE 1006):

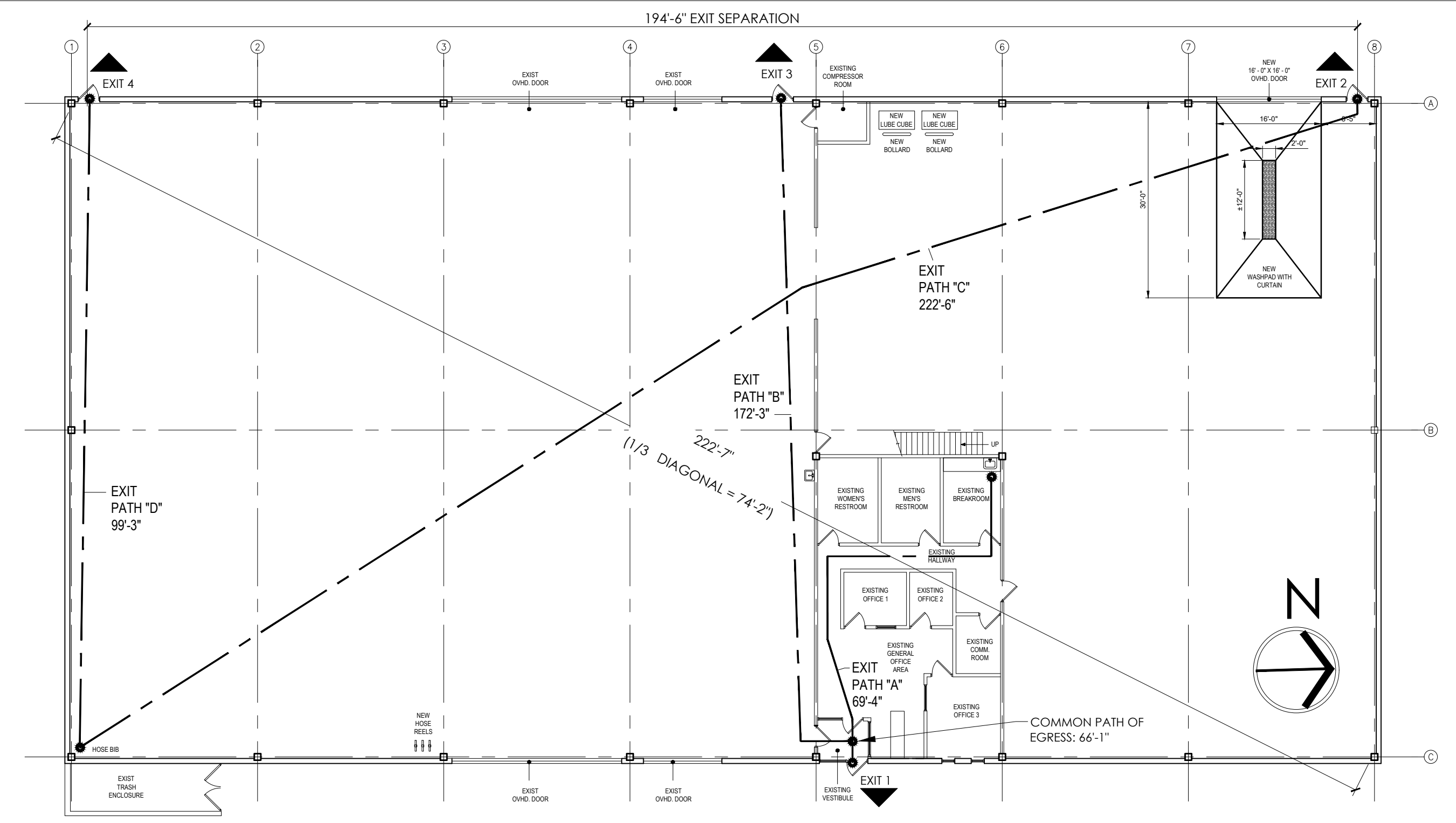
MAX TRAVEL DISTANCE: 75'-0" PROJECT MAX COMMON PATH OF EGRESS PROVIDED: 69'-4"

PARKING SPACES (EXISTING, NO CHANGE)

EGRESS PLAN - MEZZANINE - NOT TO SCALE



EGRESS PLAN - FIRST FLOOR - NOT TO SCALE



SHEET INDEX table with columns: ARCHITECTURAL DRAWINGS, STRUCTURAL DRAWINGS, ELECTRICAL DRAWINGS, PLUMBING DRAWINGS. Lists drawing codes (A0.0, A1.1, S1.1, etc.) and their corresponding sheet numbers.

LOCATION MAP/DIGITAL SITE PLAN



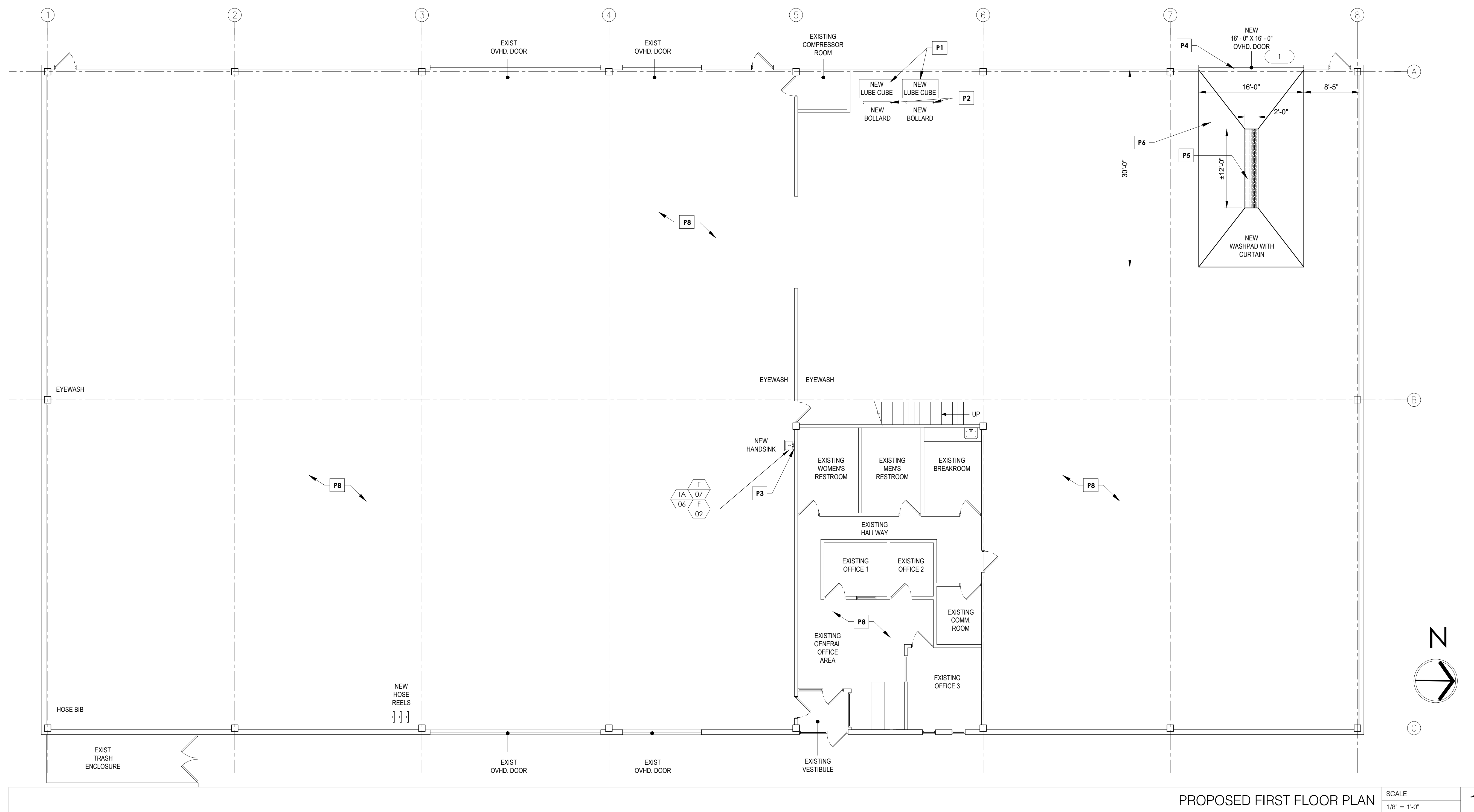
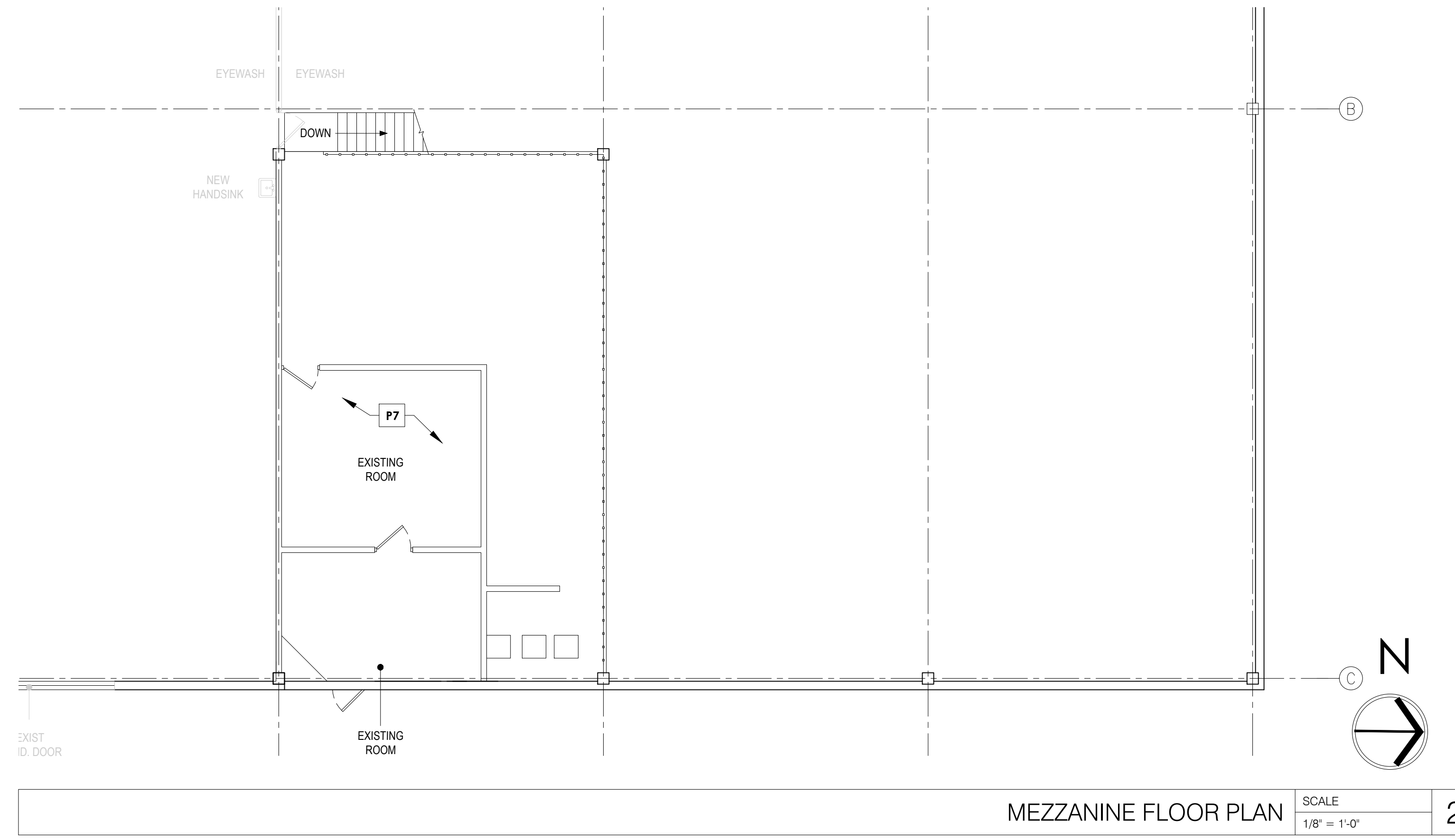
PLUMBING FIXTURES AND ACCESSORIES SCHEDULE					
TAG	DESCRIPTION	MFR.	MODEL	FINISH	NOTES
F-02	ADA LAVATORY	KOHLER	GREENWICH	WHITE	WALL MOUNTED
F-07	FAUCET	ELKAY	T.B.D.	S.S.	ADA COMPLIANT
TA-06	LIQUID SOAP DISPENSER	BOBRICK	B-40	PLASTIC	SURFACE MOUNTED

DOOR TYPES SCHEDULE										
DOOR / ROOM	TYPE	TYPICAL SIZE			MATERIAL	DOOR FINISH	MATERIAL	FRAME FINISH	HDWR.	NOTES
		W	H	T						
1 WORKSHOP OVERHEAD	OVERHEAD	16'-0"	16'-0"	10 3/4"	METAL	WHITE	HOLLOW METAL	N/A	CHAIN HOIST	IDEAL DOOR -C4SS MENARDS - INSULATED (R-VALUE 6.5) SKUH: 429562

FLOOR PLAN LEGEND	
	EXISTING CONSTRUCTION AND EQUIPMENT TO REMAIN
	ADA CLEARANCES
	NEW FULL HEIGHT PARTITION WALL
	FLOOR PLAN KEY NOTE
	DOOR TAG
	WALL TAG
	PLUMBING/ACCESSORY TAG

FLOOR PLAN KEY NOTES	
P1	NEW "LUBE CUBES" SEE ENGINEERING.
P2	NEW "U" SHAPED BOLLARDS PER "HERC" STANDARDS.
P3	NEW HAND-SINK. SEE SPECIFICATION THIS SHEET AND ENGINEERING DRAWINGS.
P4	NEW ROLL -UP DOORS. SEE DOOR SCHEDULE THIS SHEET AND STRUCTURAL DRAWINGS.
P5	"ESD" SUMP PIT WITH CLOSED LOOP RECYCLE SYSTEM. SEE ENGINEERING.
P6	NEW WASHPAD WITH SLOPED CONCRETE TO DRAIN. SEE STRUCTURAL ENGINEERING.
P7	SEE ENGINEERING FOR MEP/FP MODIFICATIONS.
P8	SEE MEP/FP DRAWINGS FOR MISCELLANEOUS ELECTRICAL ETC..
P9	-
P10	-
P11	-
P12	-
P13	-
P14	-

GENERAL NOTES	
1.	ALL NEW WORK TO COMPLY WITH ALL APPLICABLE CODES.



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**HERC
TENANT
IMPROVEMENTS**

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SEAL

STATE OF MISSOURI
MARK E. ADELHAIN
NUMBER A-301603386
ARCHITECT
EXPIRES: 12/31/2022

ISSUE	DATE	DESCRIPTION
	06-30-22	ISSUE FOR ENGINEERING
	07-7-22	ISSUE FOR CLIENT REVIEW
	08-05-22	ISSUE FOR PERMIT

PROJECT INFORMATION BLOCK	
JOB #	222702349
DATE:	06-01-2022
DRAWN BY:	AK
CHECKED BY:	BRMA

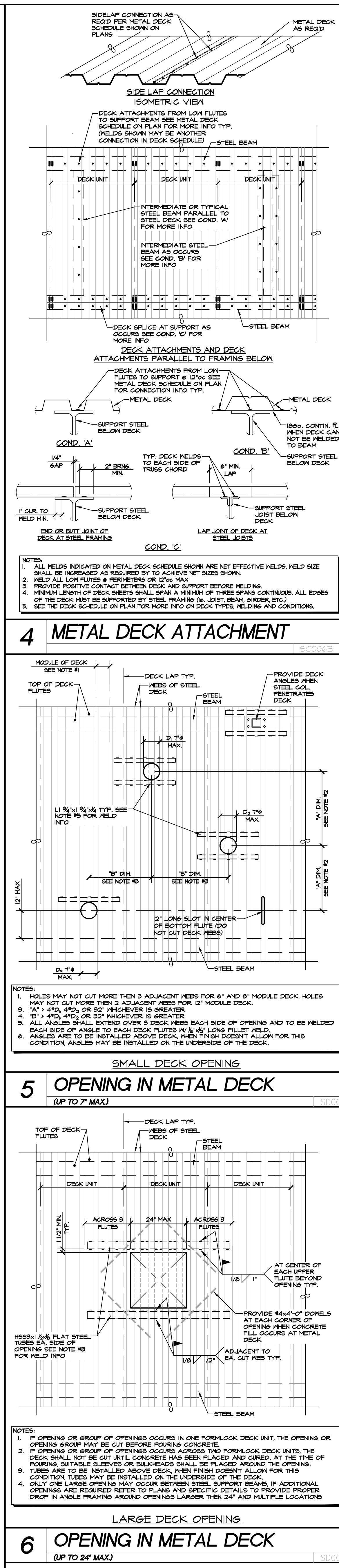
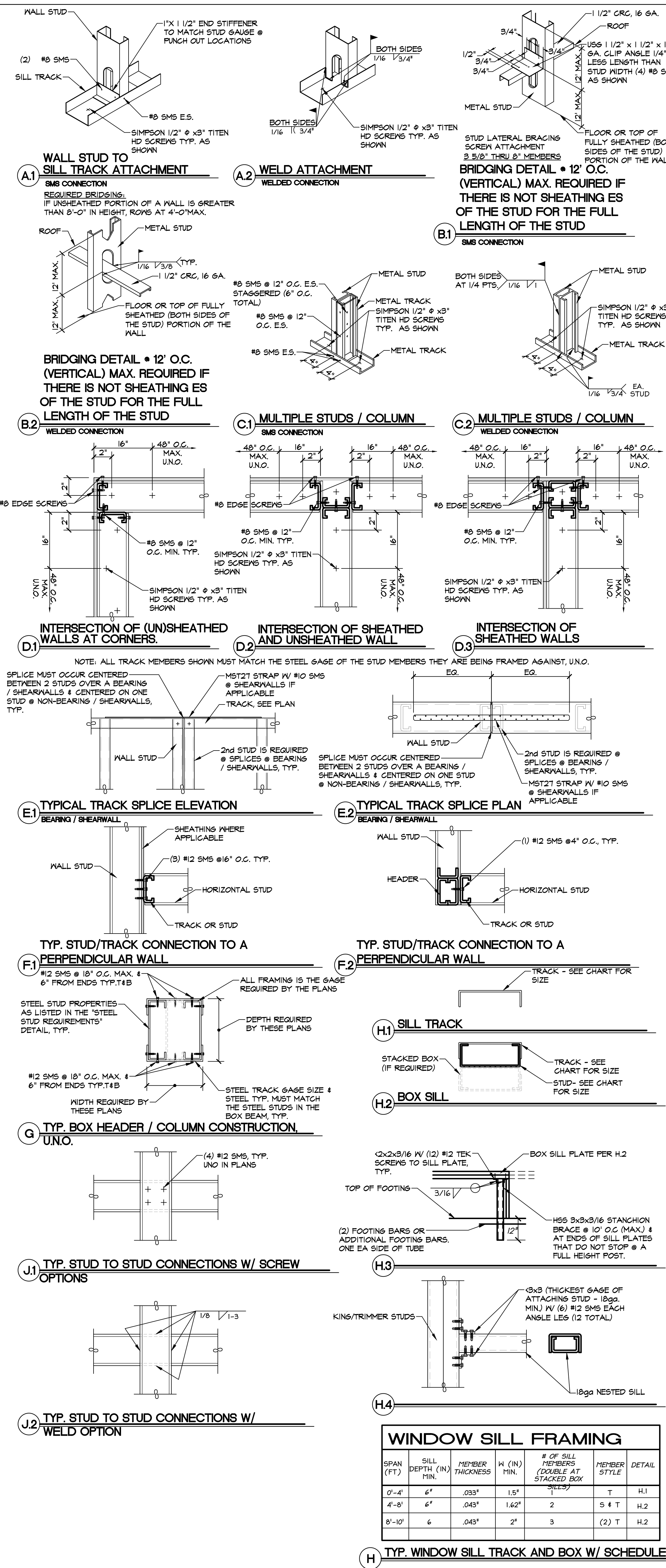
MODEL

SHEET TITLE

PROPOSED FLOOR PLANS

SHEET NUMBER

A1.1



- ALL BUTT WELDS SHALL BE COMPLETE PENETRATION WELDS.
 - ALL WELDING OF STRUCTURAL STEEL MEMBERS SHALL BE DONE BY CURRENTLY CERTIFIED WELDERS AND DONE IN CONFORMANCE WITH THE A.I.S.C. AND A.W.S. SPECIFICATIONS. ALL WELDING SHALL BE ACCOMPLISHED USING THE SHIELD METAL ARC WELDING PROCESS (SMAW) WITH E7-XX ELECTRODES OR THE SUBMERGED ARC WELDING PROCESS (SAW) WITH E7X-EXXX ELECTRODES OR THE FLUX-CORED ARC WELDING PROCESS (FCAW) WITH E71T-8 ELECTRODES (E70T-4 ELECTRODES ALLOWED FOR SHOP WELDING ONLY). LOW HYDROGEN ELECTRODES SHALL BE USED AND KEPT DRY, AND PARENT METALS SHALL BE PREHEATED IN ACCORDANCE WITH AWS STANDARDS. NO WELDING PERMITTED ON MEMBERS SUPPORTING LOADS.
 - WHERE THE CONTRACTOR REQUESTS WELDING TO BE USED IN LIEU OF BOLTED CONNECTIONS SUCH WELDING SHALL BE DONE ONLY WITH THE ENGINEERS PRIOR APPROVAL.
 - HOLES PUNCHED OR DRILLED IN BEAMS SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWING: HOLES FOR BOLTS SHALL BE 1/16" LARGER THAN THE NOMINAL DIAMETER OF THE BOLT WHERE CONNECTION IS OF SHEAR TYPE, AND 3/16" LARGER WHERE CONNECTION IS OF BEARING TYPE ON CONCRETE OR MASONRY.
 - ALL STRUCTURAL STEEL AND MISCELLANEOUS STEEL SHALL RECEIVE ONE SHOP COAT OF RED OXIDE OR ZINC CHROMATE OR APPROVED EQUAL BASE.
 - ALL STRUCTURAL & MISCELLANEOUS STEEL SHALL CONFORM TO THE FOLLOWING STANDARDS:
 - WIDE FLANGE MEMBERS (W, S, AND HP SHAPES) ARE TO BE ASTM A992 (FY=50KSI) IN ACCORDANCE WITH AISC.
 - CHANNELS, ANGLES, TEES, AND MISCELLANEOUS AISC STEEL SHAPES ARE TO BE ASTM A36, FY=36 KSI, MIN. UNO
 - HIGH STRENGTH BOLTS: ASTM A325N 1/2" TO 1" DIAMETER INCLUDES FY=92 KSI, 1 1/8" TO 1 1/2" DIAMETER INCLUSIVE FY=81 KSI
 - ASTM A-307 BOLTS SHALL BE USED UNLESS OTHERWISE NOTED.
 - STRUCTURAL PIPE SHALL CONFORM TO A.S.T.M. A-53 GRADE "B" FY=35 KSI.
 - STRUCTURAL TUBING SHALL CONFORM TO A.S.T.M. A-500 GRADE "B" FY=46 KSI.
 - ANCHOR BOLTS: ASTM F1554 GR36 TYPICAL, U.N.O.
 - HEADED STUDS: ASTM A108.
 - WELDING ELECTRODES: E70XX
 - ALL PLATES, MISC. SHAPES, AND STRUCTURAL SHAPES (AISC, ETC.) USED AS PART OF A CONNECTION, DOUBLER PLATES, CONTINUITY PLATES, ETC. IN THESE PLANS SHALL BE MADE OF EQUAL MATERIAL (MATERIAL PROPERTIES, GRADE, YIELD STRENGTH, ETC.) AS THE MAIN STRUCTURAL MEMBERS BEING CONNECTED, TYP.
 - ALL ENDS OF EXPOSED STRUCTURAL SHAPES AND TUBE STEEL MEMBERS SHALL HAVE 1/4" CAP PLATE WITH WELDS GRIND SMOOTH.
 - THE CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL TEMPORARY SUPPORTS REQUIRED FOR ERECTION, IF ERECTION BRACING IS REQUIRED IT IS TO BE PREPARED BY A LICENSED ENGINEER.
 - ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE LATEST REVISED EDITION OF THE AISC MANUAL OF STEEL CONSTRUCTION, WHICH INCLUDES THE SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, THE CODE OF STANDARD PRACTICE AND THE AWS STRUCTURAL WELDING CODE.
 - GROUTING OF COLUMN BASE PLATES: BASE PLATES SHALL BE DRYPACKED OR GROUTED WITH 1 1/2" NON-SHRINK GROUT OR EQUAL. MINIMUM COMPRESSIVE STRENGTH SHALL BE 4000 PSI AT 28 DAYS. ALL SURFACES SHALL BE PROPERLY CLEANED OF FOREIGN MATERIAL PRIOR TO THE GROUTING OPERATION.
 - FULL PENETRATION WELDED CONNECTIONS (100%) AT MOMENT FRAMES, BRACED FRAMES, AND ALL FULL PENETRATIONS FIELD WELDS SHALL HAVE ULTRASONIC TESTING FOR COMPLIANCE WITH AISC 13TH EDITION ULTRASONIC TESTING SHALL BE PERFORMED BY AN INDEPENDENT TESTING AGENCY THAT HAS BEEN CERTIFIED BY THE NATIONAL STANDARDS. TESTING INSPECTIONS SHALL BE QUALIFIED BY ASNT BUREAU OF RECOMMENDED PRACTICE SNT-TC-1A. PROVIDE PROPER SURFACE PREP. AND BACKUP PLATES AS REQUIRED. AISC AND AWS ARE ACCEPTED SUBSTITUTIONS. CONTACT SURFACES SHALL BE CLEAN MILL SCALE OR CLASS A QUALIFIED COATINGS.
 - ALL EXPOSED WELDS SHALL BE FILLED AND GROUND SMOOTH WHERE METAL COULD COME IN CONTACT WITH THE PUBLIC, UNLESS WELDS ARE PERMITTED BY THE PROJECT ARCHITECT.
 - NO HOLES OTHER THAN THOSE SPECIFICALLY DETAILED SHALL BE ALLOWED THRU STRUCTURAL STEEL MEMBERS. BOLT HOLES SHALL CONFORM TO AISC SPECIFICATION, AND SHALL BE STANDARD HOLES UNLESS OTHERWISE NOTED. NO CUTTING OR BURNING OF STRUCTURAL STEEL WILL BE PERMITTED WITHOUT PRIOR CONSENT OF THIS ENGINEER.
 - HIGH STRENGTH BOLTS WHERE INDICATED IN THE PLANS OR DETAILED SHALL CONFORM TO A.S.T.M. A325 OR A490, AND BE PROVIDED WITH HARDENED WASHERS CONFORMING TO A.S.T.M. F436, SLIP-CRITICAL TYPE BOLTS (A325-SC OR A490-SC) SHALL BE TWIST-OFF-TYPE TENSION-CONTROL BOLT ASSEMBLY. AT CONTRACTORS OPTION, THE COMBINATION OF HIGH STRENGTH BOLTS AND DIRECT TENSION LOAD INDICATING WASHERS CONFORMING TO ASTM F-959 ARE ACCEPTED SUBSTITUTIONS. CONTACT SURFACES SHALL BE CLEAN MILL SCALE OR CLASS A QUALIFIED COATINGS.
 - ALL SHOP AND FIELD BOLTED CONNECTIONS SHALL BE IN ACCORDANCE WITH ASTM A-307 USING UNFINISHED STANDARD REGULAR BOLTS, UNLESS OTHERWISE NOTED.
 - WHERE STEEL MEMBERS BEAR IN CONCRETE OR MASONRY WALLS, OPENINGS SHALL BE DRY-PACKED AFTER STEEL IS IN PLACE.
 - PROVIDE SHOP DRAWINGS INDICATING SIZES, SPACING AND LOCATION OF JOISTS, GIRDERS, CONNECTIONS, BRIDGING, REINFORCING, ANCHORAGES, CAMBERS, AND LOADS. INDICATE WELDING CONNECTIONS USING STANDARD AWS WELDING SYMBOLS. INDICATE NET WELD LENGTHS. INDICATE RECOMMENDED PROCEDURES FOR JOIST SEATS WITH INSUFFICIENT BEARING.
 - WHEN LIGHT GAUGE METAL IS UTILIZED ON A PROJECT REFER TO GENERAL NOTE "LIGHT GAUGE METAL NOTES" FOR MORE INFO.
- 1 STEEL NOTES**
- UNLESS LARGER WELD SIZES ARE SHOWN, THE MINIMUM SIZE OF FILLET WELDS USED SHALL MEET WHAT IS SHOWN IN THE TABLE J2.4 BELOW. MINIMUM WELD SIZE IS DEPENDENT UPON THE THINNER OF TWO PARTS JOINED EXCEPT THAT THE WELD SIZE NEED NOT EXCEED THE THICKNESS OF THE THINNER PARTS. FOR THIS EXCEPTION, THE WELD SHALL BE TAKEN TO PROVIDE A MINIMUM SUFFICIENT PREHEAT FOR SOUNDNESS OF THE WELD. WELD SIZES LARGER THAN THE THINNER PART JOINED ARE PERMITTED IF REQUIRED BY CALCULATED STRENGTH. IN THE AS-WELDED CONDITION, THE DISTANCE BETWEEN THE EDGE OF THE BASE METAL AND THE TOE OF THE WELD MAY BE LESS THAN 1/16" (N) PROVIDE THE WELD SIZE CLEARLY VERIFIABLE.
- | MATERIAL THICKNESS OF THINNER PART (IN) | MINIMUM SIZE OF FILLET WELD* (IN) |
|---|-----------------------------------|
| TO 1/4" INCLUSIVE | 1/8 |
| OVER 1/4" TO 1/2" | 3/16 |
| OVER 1/2" TO 3/4" | 1/4 |
| OVER 3/4" | 5/16 |
- *LEG DIMENSION OF FILLET WELDS: SINGLE - PASS WELDS MUST BE USED
- 2 FILLET WELDS**
- | BOLT SIZE | STEEL PLATE SQUARE | MALLEABLE IRON ROUND | STANDARD STEEL CIRCULAR |
|-----------|--------------------|----------------------|-------------------------|
| 1/2" | 2" x 1/4" | 2 1/2" x 1/4" | 1 1/16" x 7/64" |
| 5/8" | 2 1/2" x 1/4" | 2 3/4" x 5/16" | 1 5/16" x 9/64" |
| 3/4" | 3" x 5/16" | 3" x 3/8" | 1 15/32" x 5/32" |
| 7/8" | 3 1/2" x 5/8" | 3 1/2" x 7/16" | 1 3/4" x 11/64" |
| 1" | 3 3/4" x 7/16" | 4" x 1/2" | 2" x 11/64" |
| 1 1/8" | 4" x 7/16" | 4 1/2" x 9/16" | 2 1/4" x 3/16" |
| 1 1/2" | 4 1/4" x 1/2" | 5" x 5/8" | 3" x 3/16" |
- 3 SCHEDULE**

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STATE OF MISSOURI
BRADLEY S. YOUNG
NUMBER
PE-2001002178
PROFESSIONAL ENGINEER

ISSUE	DATE	DESCRIPTION
	06-30-22	ISSUE FOR ENGINEERING
	07-22	ISSUE FOR CLIENT REVIEW
	08-22	ISSUE FOR PERMIT

PROJECT INFORMATION BLOCK

BYA JOB # 22380
DATE: 02-18-2022
DRAWN BY: PE
CHECKED BY: CW

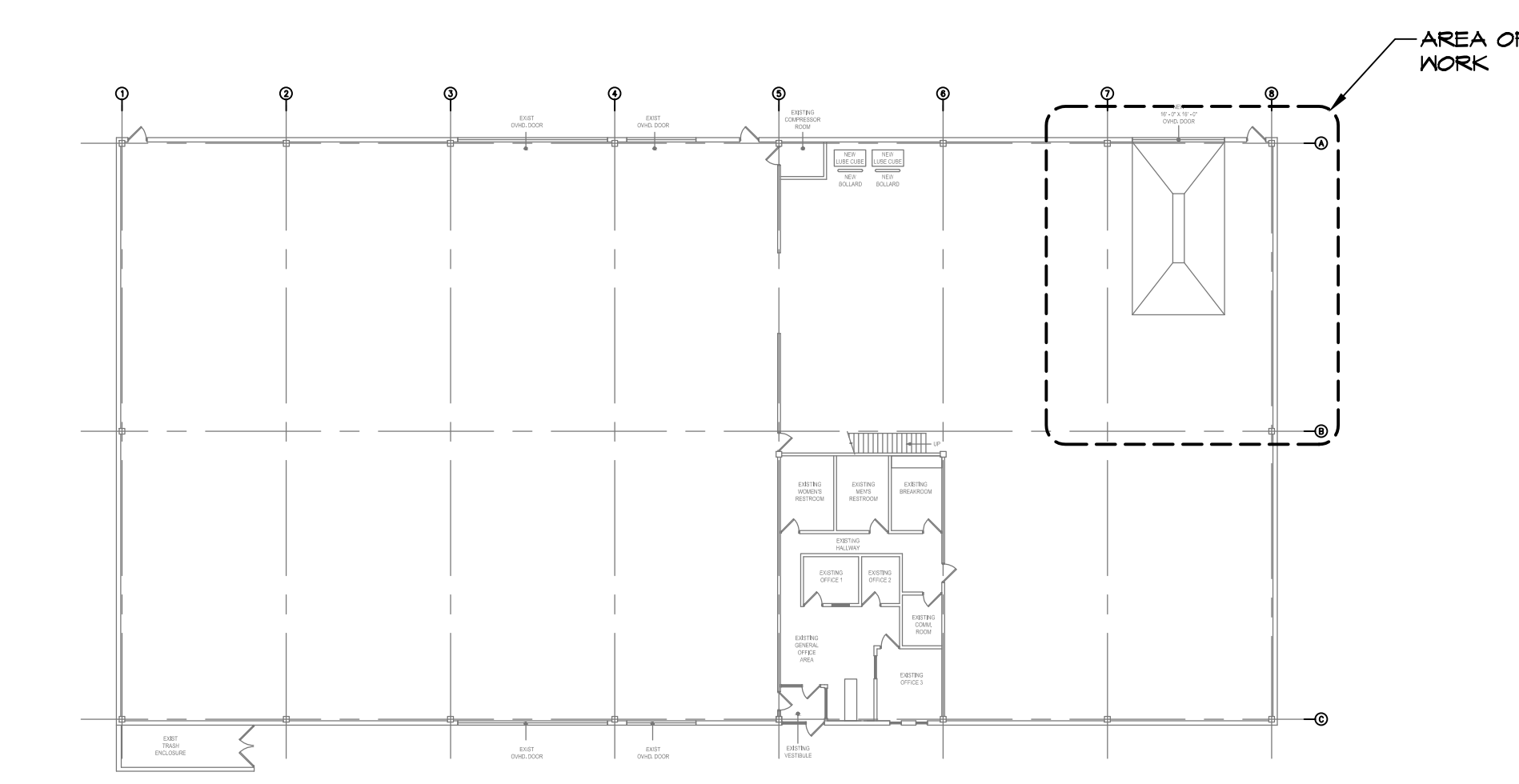
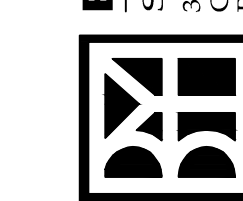
MODEL

SHEET TITLE

STANDARD NOTES

SHEET NUMBER

S1.2



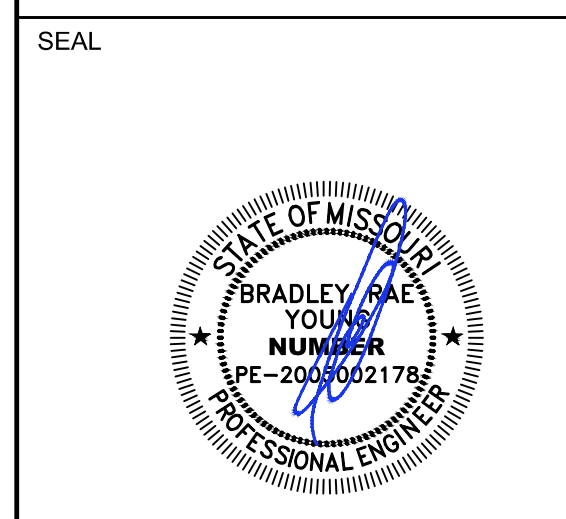
KEY PLAN
 SCALE: NTS

HERC
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 LEE SUMMIT, MO 64081

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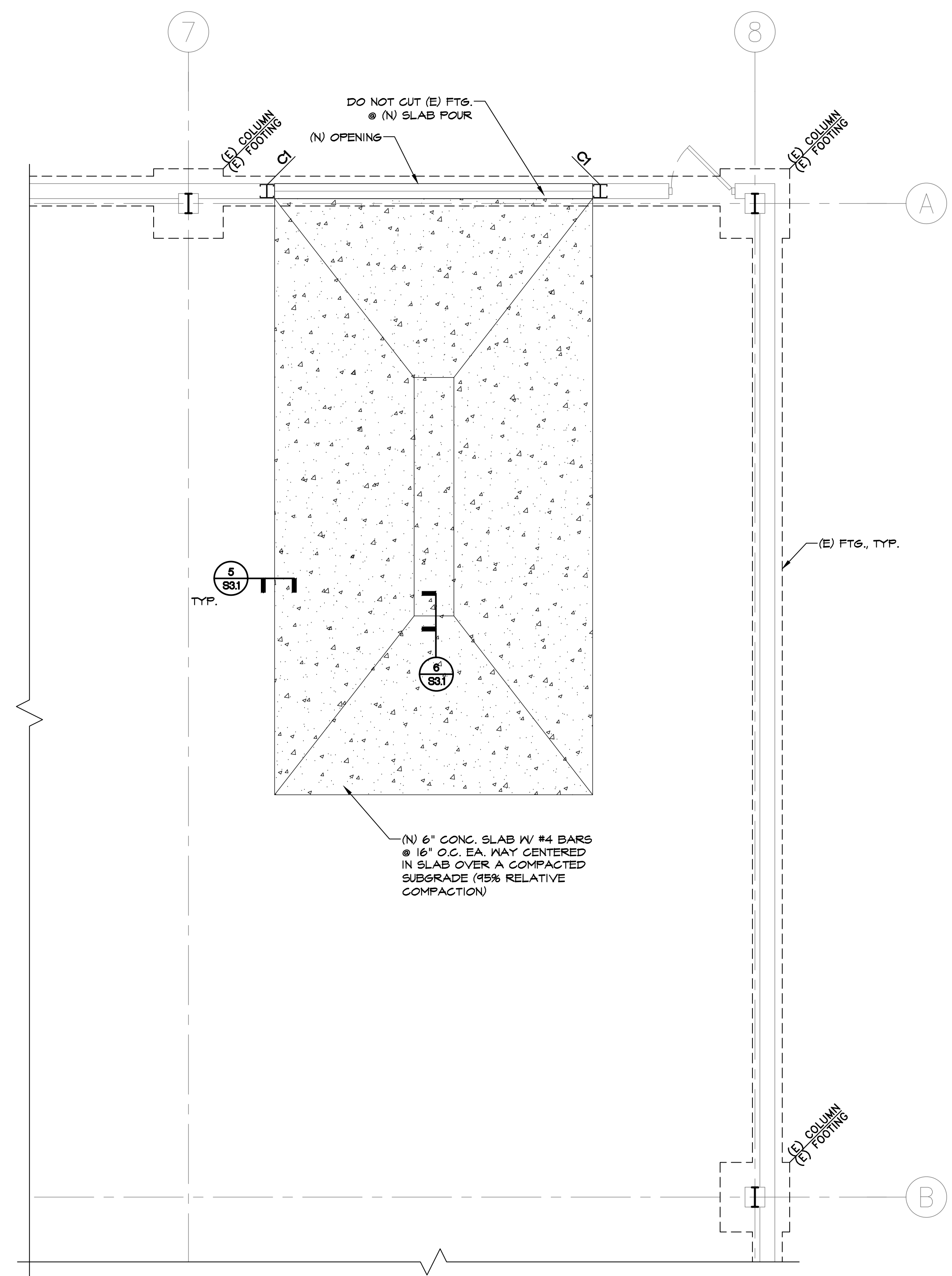
BYA JOB #	22380
DATE:	02-18-2022
DRAWN BY:	PE
CHECKED BY:	CW

SHEET TITLE

**PARTIAL FOUNDATION/
 ROOF PLAN**

SHEET NUMBER

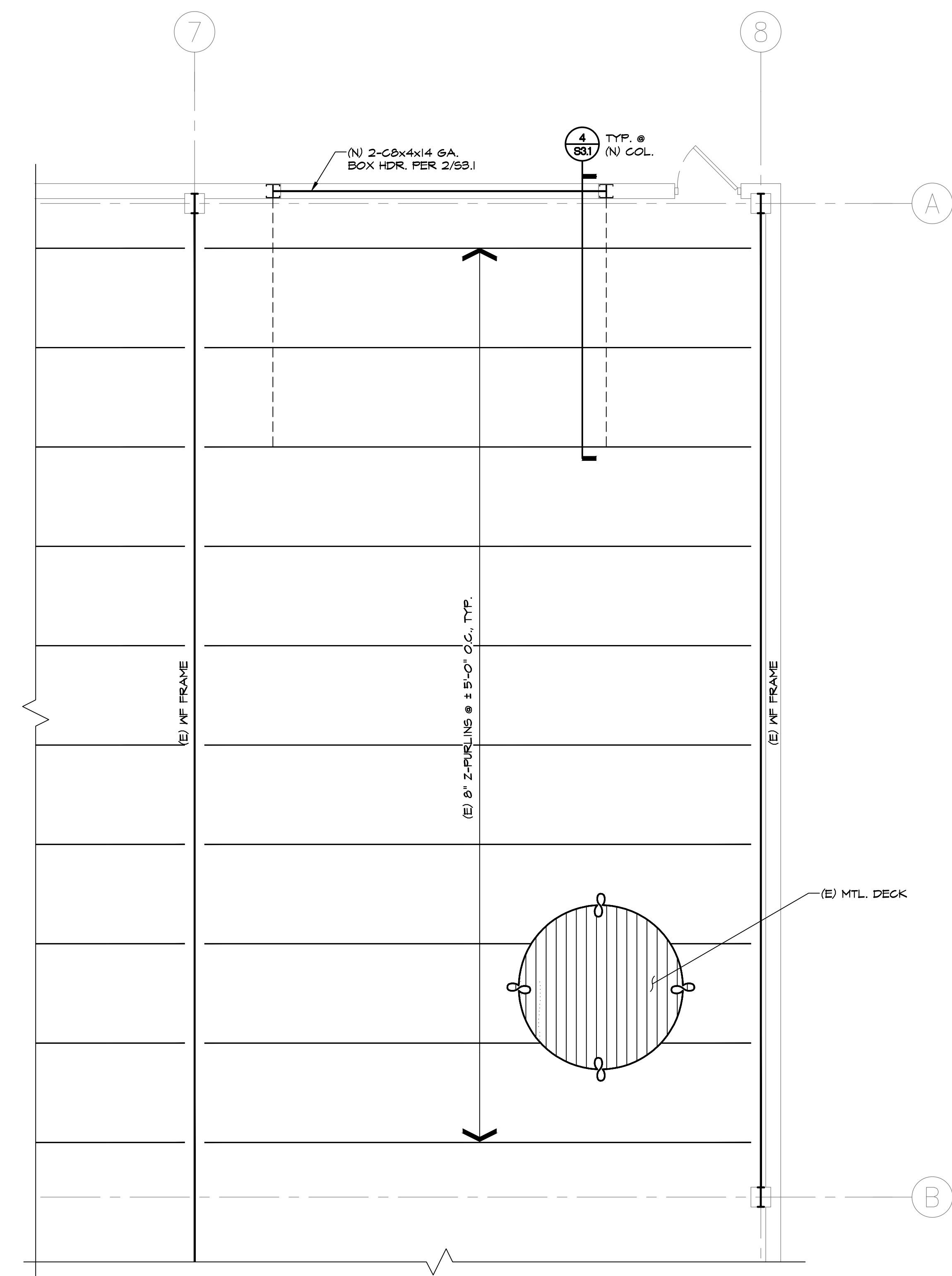
S2.1



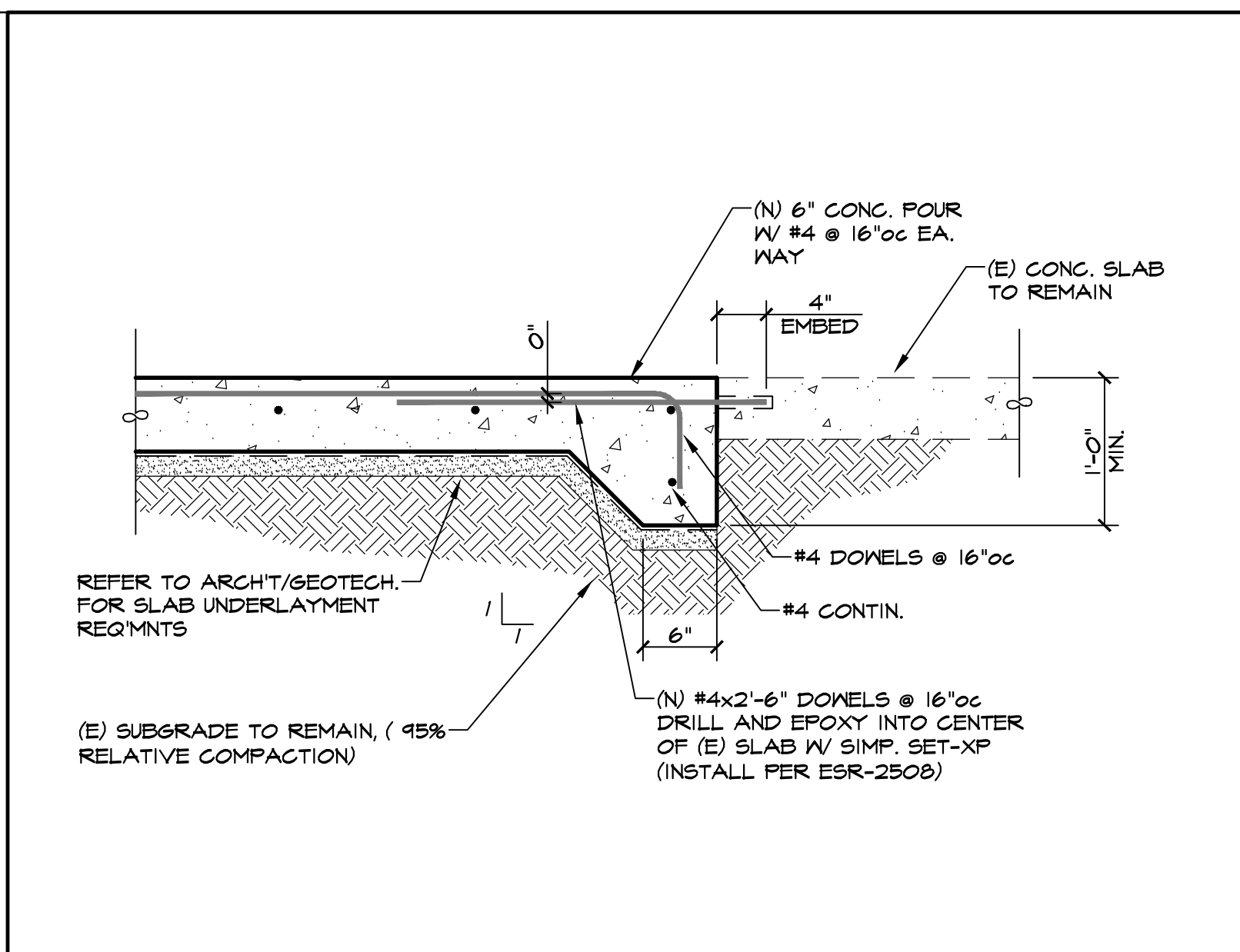
COLUMN SCHEDULE

COL.	SIZE	DETAIL
C1	2-C8x4x12 GA.	1/53.1.

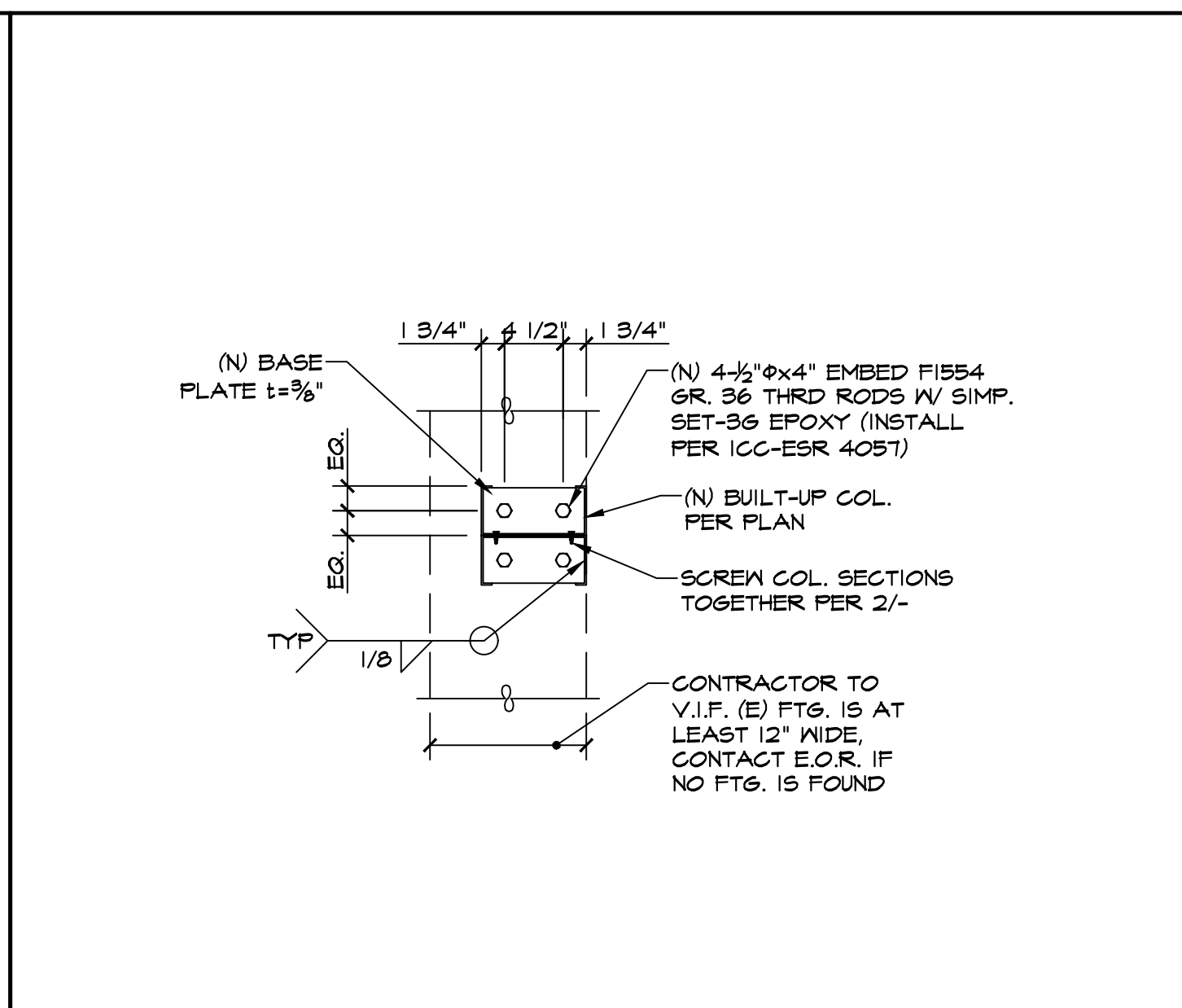
1 PARTIAL FOUNDATION PLAN
 SCALE: 1/4" = 1'-0"



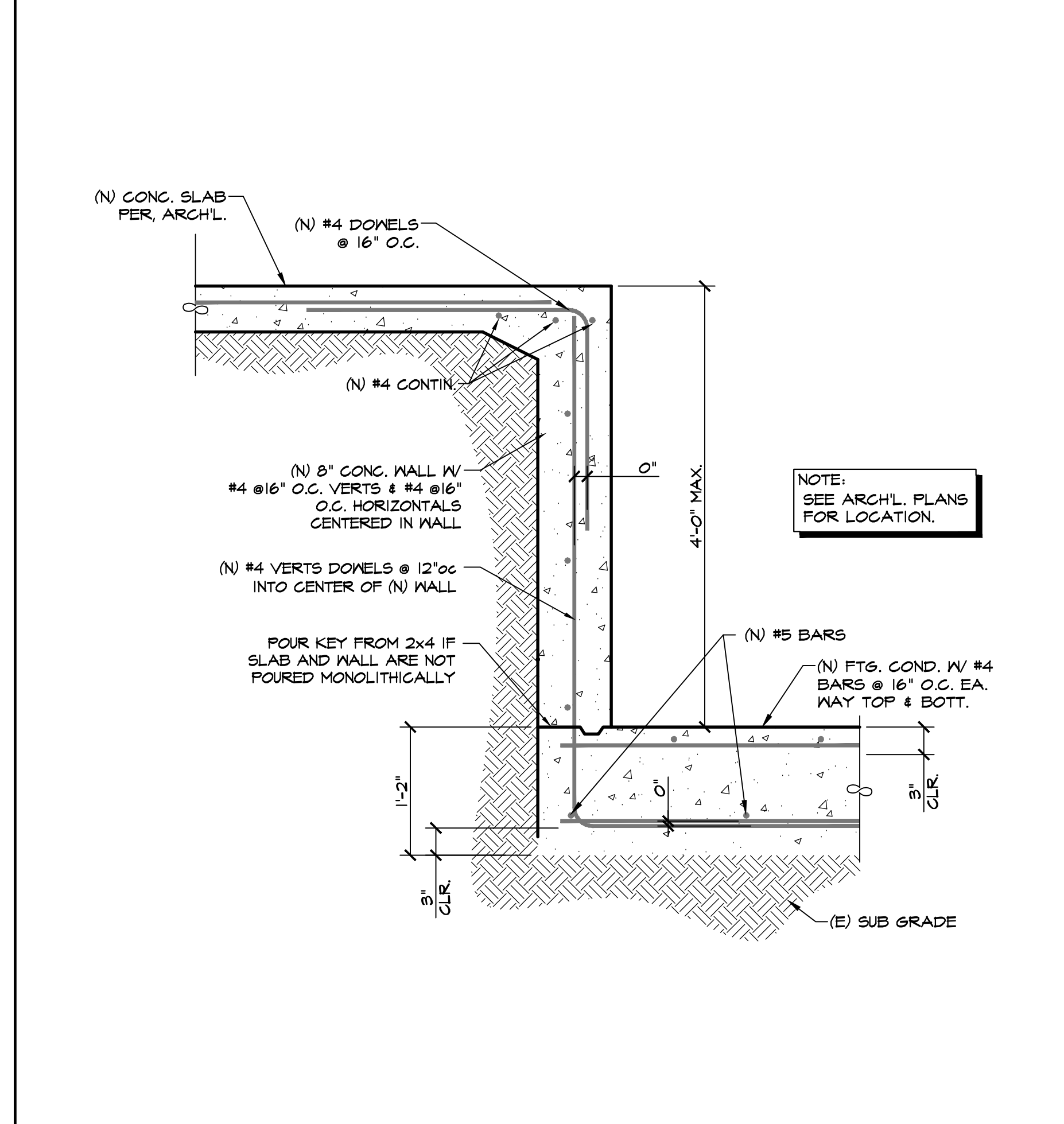
2 PARTIAL ROOF FRAMING PLAN
 SCALE: 1/4" = 1'-0"



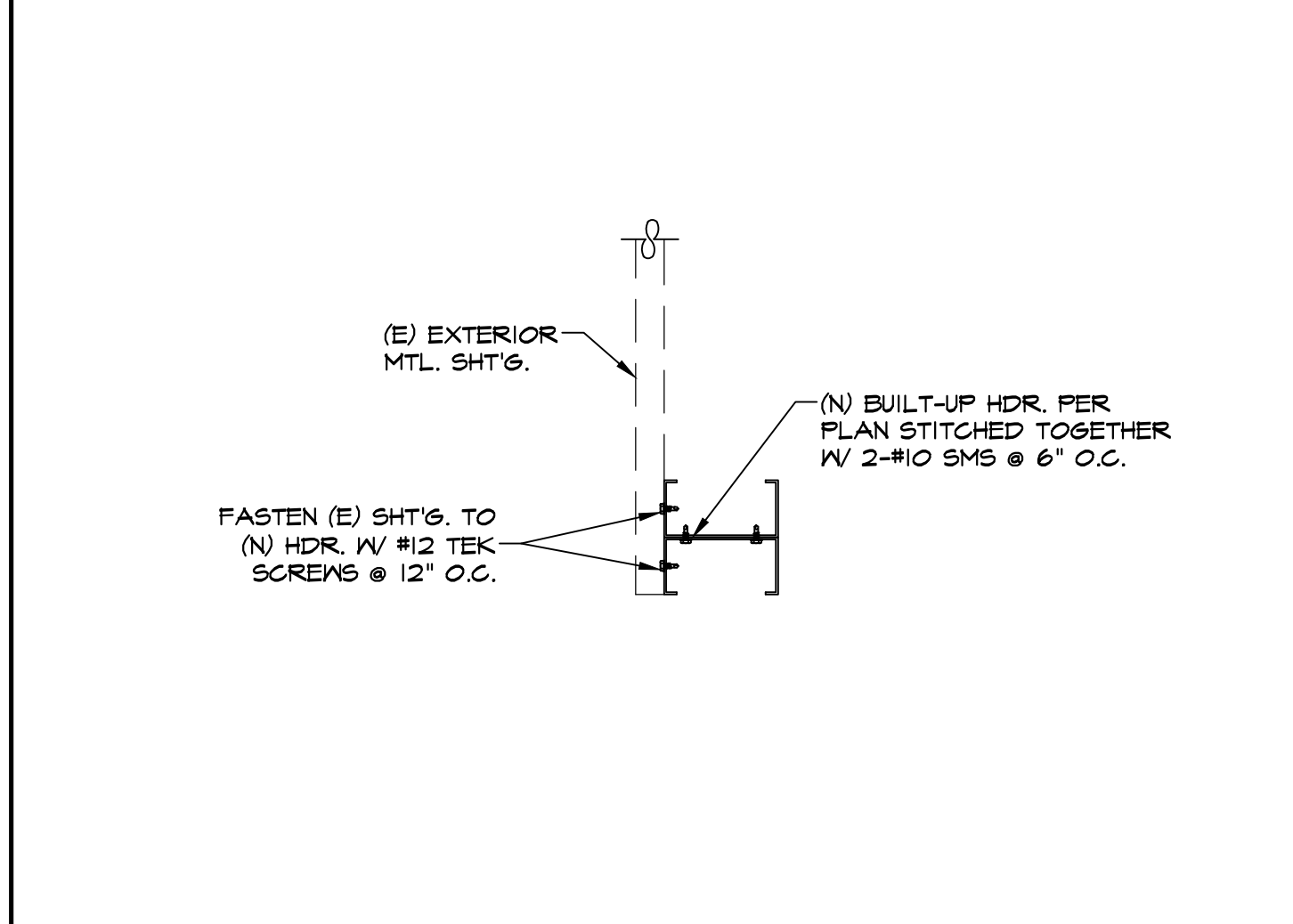
5 DETAIL
SCALE: 1" = 1'-0"



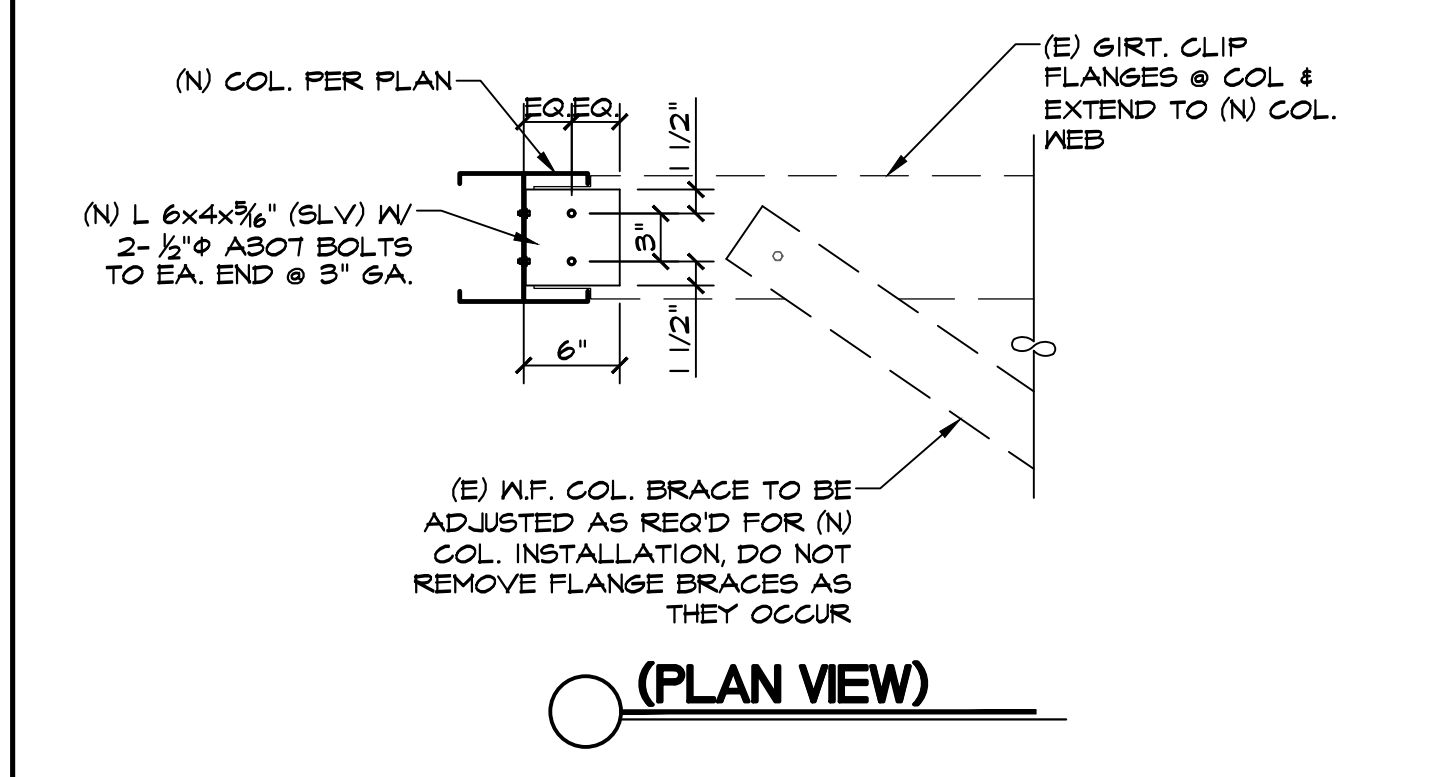
1 DETAIL
SCALE: 1" = 1'-0"



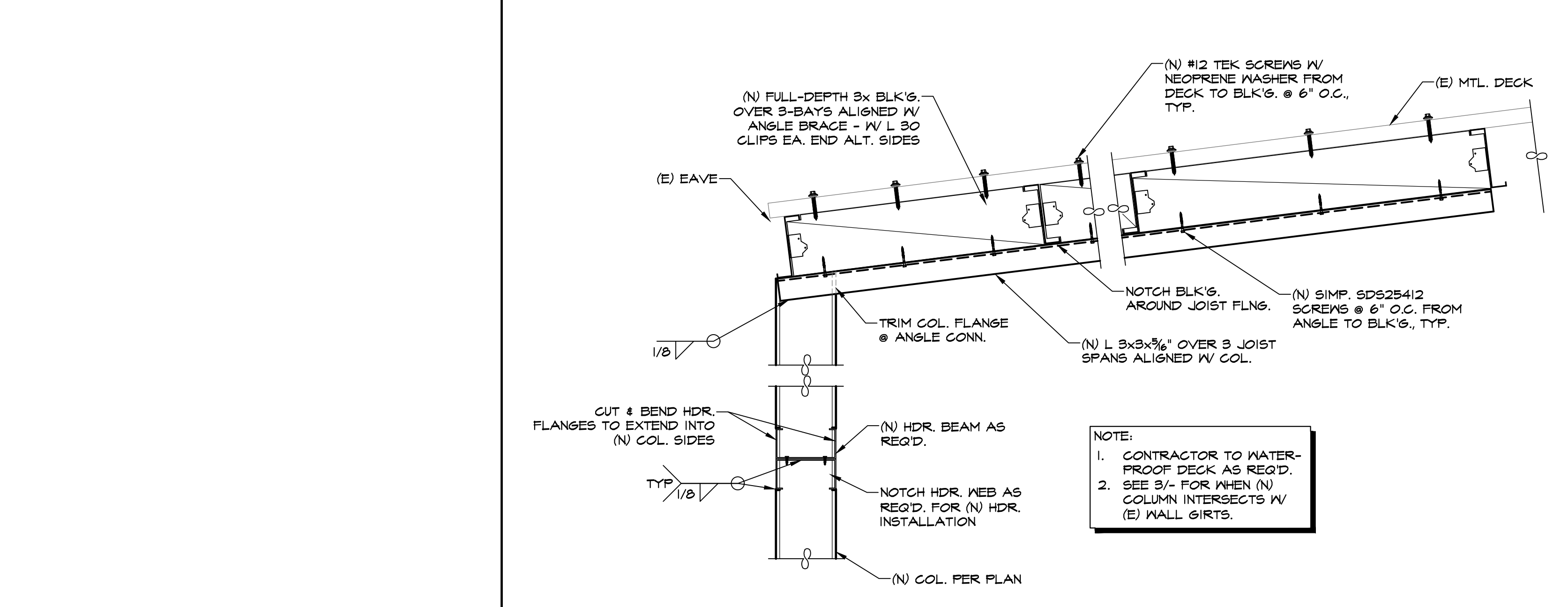
6 TRENCH DRAIN SLAB
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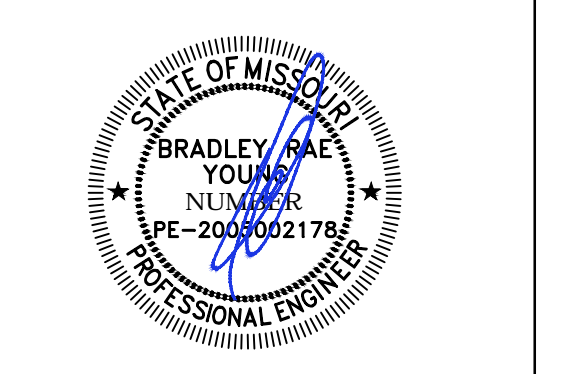
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3 DETAIL
SCALE: 1" = 1'-0"



4 DETAIL
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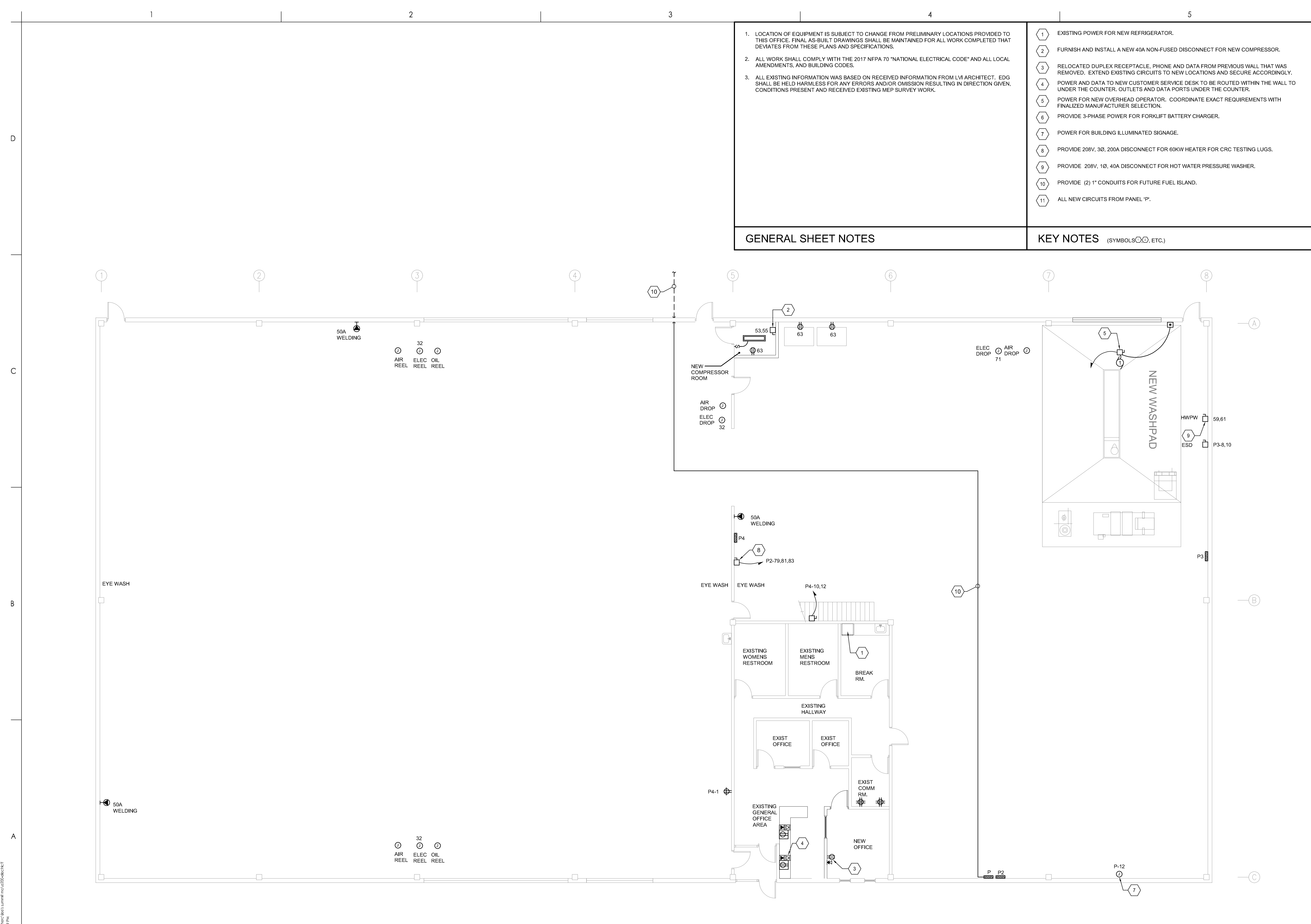


ISSUE	DATE	DESCRIPTION
	06-30-22	ISSUE FOR ENGINEERING
	07-7-22	ISSUE FOR CLIENT REVIEW
	08-05-22	ISSUE FOR PERMIT

PROJECT INFORMATION BLOCK

BYA JOB #	22380
DATE:	02-18-2022
DRAWN BY:	PE
CHECKED BY:	CW

SHEET TITLE
FRAMING DETAILS
SHEET NUMBER



1. LOCATION OF EQUIPMENT IS SUBJECT TO CHANGE FROM PRELIMINARY LOCATIONS PROVIDED TO THIS OFFICE. FINAL AS-BUILT DRAWINGS SHALL BE MAINTAINED FOR ALL WORK COMPLETED THAT DEVIATES FROM THESE PLANS AND SPECIFICATIONS.
2. ALL WORK SHALL COMPLY WITH THE 2017 NFPA 70 "NATIONAL ELECTRICAL CODE" AND ALL LOCAL AMENDMENTS, AND BUILDING CODES.
3. ALL EXISTING INFORMATION WAS BASED ON RECEIVED INFORMATION FROM LVI ARCHITECT. EDG SHALL BE HELD HARMLESS FOR ANY ERRORS AND/OR OMISSION RESULTING IN DIRECTION GIVEN, CONDITIONS PRESENT AND RECEIVED EXISTING MEP SURVEY WORK.

GENERAL SHEET NOTES

- 1 EXISTING POWER FOR NEW REFRIGERATOR.
- 2 FURNISH AND INSTALL A NEW 40A NON-FUSED DISCONNECT FOR NEW COMPRESSOR.
- 3 RELOCATED DUPLEX RECEPTACLE, PHONE AND DATA FROM PREVIOUS WALL THAT WAS REMOVED. EXTEND EXISTING CIRCUITS TO NEW LOCATIONS AND SECURE ACCORDINGLY.
- 4 POWER AND DATA TO NEW CUSTOMER SERVICE DESK TO BE ROUTED WITHIN THE WALL TO UNDER THE COUNTER, OUTLETS AND DATA PORTS UNDER THE COUNTER.
- 5 POWER FOR NEW OVERHEAD OPERATOR. COORDINATE EXACT REQUIREMENTS WITH FINALIZED MANUFACTURER SELECTION.
- 6 PROVIDE 3-PHASE POWER FOR FORKLIFT BATTERY CHARGER.
- 7 POWER FOR BUILDING ILLUMINATED SIGNAGE.
- 8 PROVIDE 208V, 3Ø, 200A DISCONNECT FOR 60KW HEATER FOR CRC TESTING LUGS.
- 9 PROVIDE 208V, 1Ø, 40A DISCONNECT FOR HOT WATER PRESSURE WASHER.
- 10 PROVIDE (2) 1" CONDUITS FOR FUTURE FUEL ISLAND.
- 11 ALL NEW CIRCUITS FROM PANEL 'P'.

KEY NOTES (SYMBOLS, ETC.)



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Permit/Seal	08-05-22	YTY/AM/DD
ISSUE FOR PERMIT	By	Appd
ISSUED		



Client/Project
 HERC RENTALS
 LEE'S SUMMIT
 1460 SE
 HAMBLEN RD
 Lee's Summit, MO

Project No.: 222702385
 File Name: E200-ELECTRIF
 Scale: AS NOTED

YTY/AM/DD
 YTY/AM/DD

Title
 ELECTRICAL
 PLAN

Revision: _____ Sheet: 02 of 05
 Drawing No.

E-200

DUCTLESS SPLIT TYPE AC UNIT SCHEDULE																
UNIT ID	SERVICE	INDOOR UNIT MODEL	OUTDOOR UNIT MODEL	CAPACITY (BTUH)		CFM HI/MED/LOW	PIPE SIZES		ELECTRICAL					SEER	NOTES	ACCESSORIES
				COOLING	HEATING		GAS	LIQUID	VOLTS	PHASE	HZ	MCA	MOCP			
SS-1/CU-1	CONFERENCE ROOM	MSZ-GL09NA	MUZ-GL09NA-U1	9,000	10,900	321/237/170	3/8"	1/4"	208	1	60	9.0	15	24.6	1 TO 4	1 TO 4

- NOTES:**
- UNIT SELECTION BASED ON MITSUBISHI.
 - CONDENSING UNIT SHALL BE SECURELY MOUNTED HOUSEKEEPING PAD ON ROOF.
 - REFRIGERANT PIPING SHALL BE SIZED AND INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS.
 - MEETS TESTING PROCEDURE AHRI STANDARD 210/240.

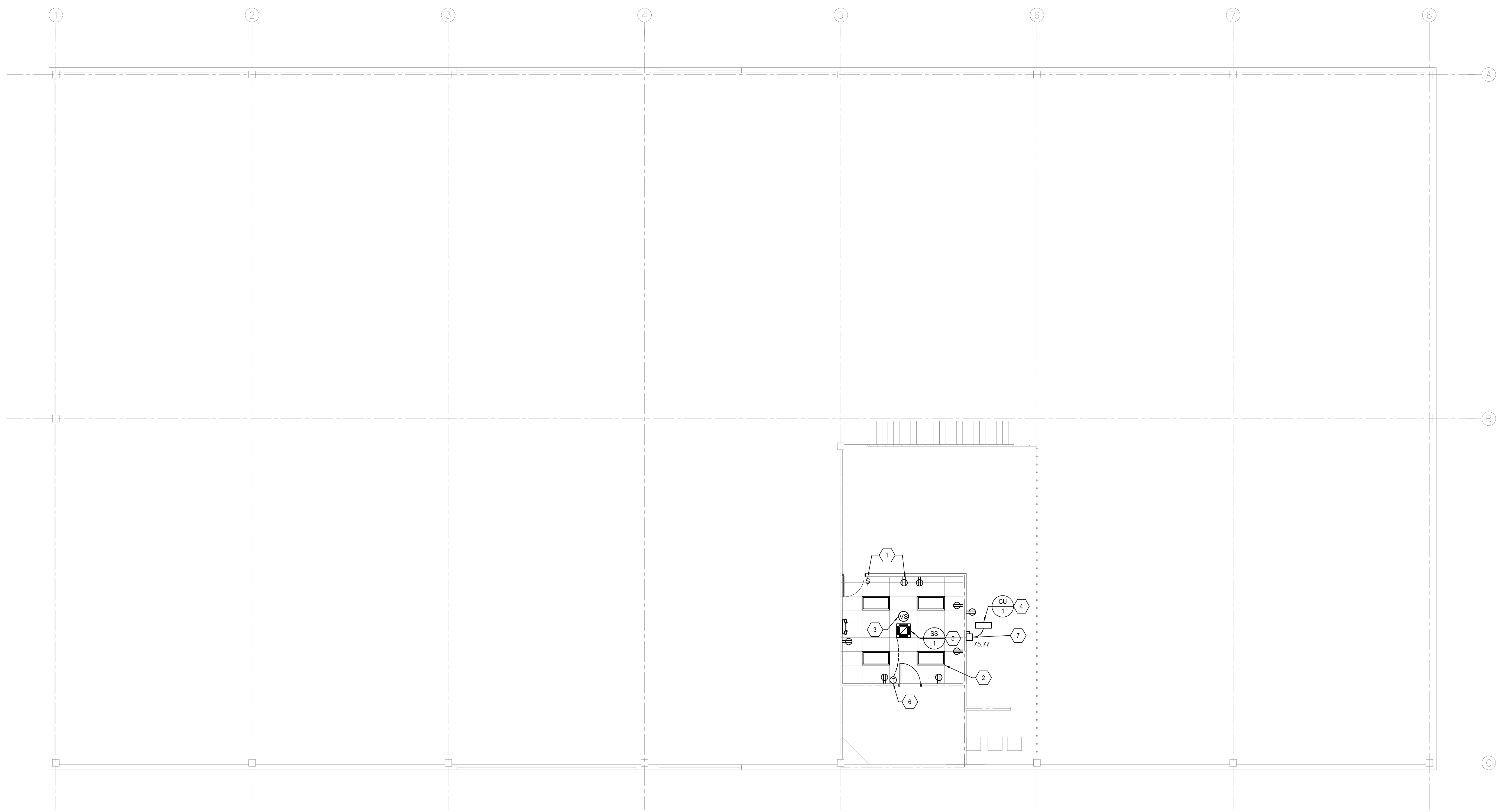
- ACCESSORIES:**
- INDOOR UNIT WALL MOUNTING BRACKET.
 - WIRELESS REMOTE TEMPERATURE CONTROLLER.
 - LOW AMBIENT CONTROL.
 - SUPPLY WITH CONDENSATE PUMP CONNECTED TO PLUMBING DRAIN.

- LOCATION OF EQUIPMENT IS SUBJECT TO CHANGE FROM PRELIMINARY LOCATIONS PROVIDED TO THIS OFFICE. FINAL AS-BUILT DRAWINGS SHALL BE MAINTAINED FOR ALL WORK COMPLETED THAT DEVIATES FROM THESE PLANS AND SPECIFICATIONS.
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- EXISTING POWER TO REMAIN.
- EXISTING LED LAY-IN LIGHTING TO REMAIN.
- EXISTING VACANCY SENSOR FOR AUTOMATIC SHUT DOWN OF LIGHTING WHEN NO OCCUPANTS ARE DETECTED. MANUAL SWITCH FOR MANUAL CONTROL WITH AUTOMATIC OVERRIDE WHEN VACANT.
- CONDENSING UNIT TO SIT ON CONCRETE PAD. VERIFY SIZING OF SUCTION AND LIQUID REFRIGERANT PIPING LINES CONNECTING CONDENSING UNIT AND EVAPORATOR SECTION OF SPLIT SYSTEM WITH MANUFACTURERS RECOMMENDATION BASED ON RUN LENGTH.
- 2" DEEP, 1" CONDENSATE TRAP WITH INDIRECT CONNECTION TO DRAIN. COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR. VERIFY SIZING OF SUCTION AND LIQUID REFRIGERANT PIPING LINES CONNECTING CONDENSING UNIT AND EVAPORATOR SECTION OF SPLIT SYSTEM WITH MANUFACTURERS RECOMMENDATION BASED ON RUN LENGTH.
- NEW THERMOSTAT TO BE MOUNTED AT 48" AFF. COORDINATE EXACT LOCATION WITH CLIENT'S REPRESENTATIVE.
- PROVIDE DISCONNECT SWITCH AND CIRCUIT FROM PANEL "P".

GENERAL SHEET NOTES

KEY NOTES (SYMBOLS , , ETC.)

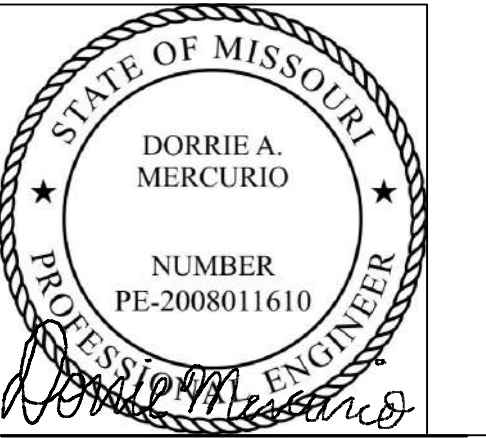


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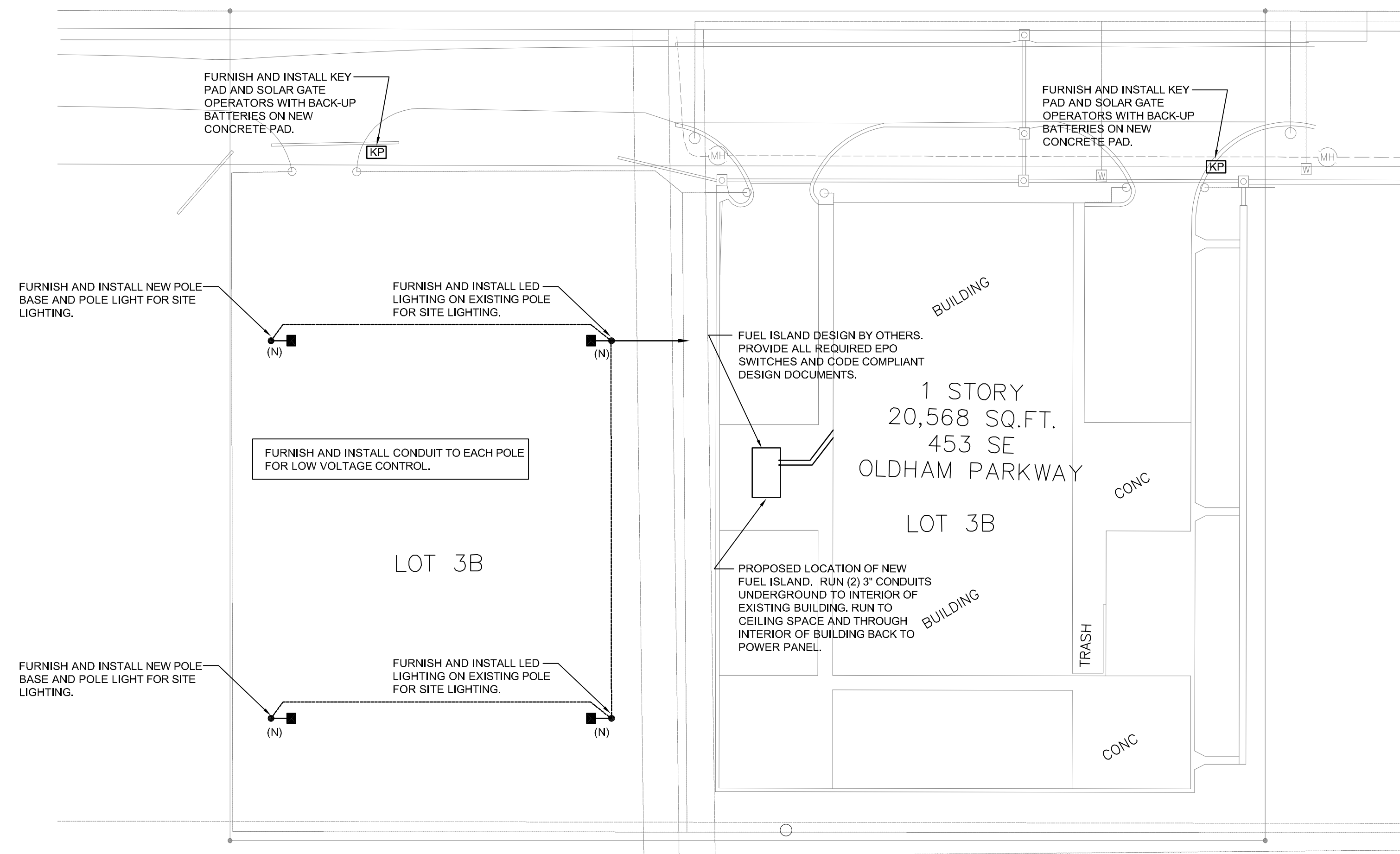
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 1460 SE HAMBLEN RD
 Lee's Summit, MO
 Project No.: 222702385
 File Name: ES00-ELECTRICAL
 Scale: AS NOTED
 Title: MEZZANINE ELECTRICAL PLAN
 Revision: _____ Sheet: 03 of 05
 Drawing No. _____

MEZZANINE ELECTRICAL PLAN

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

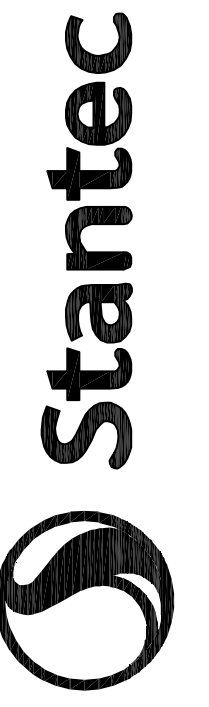
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ORIGINAL SHEET - ANSD



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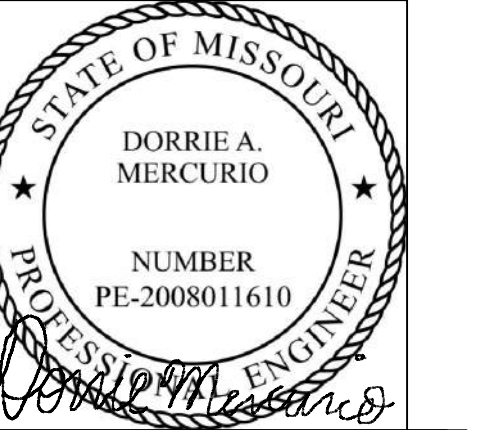
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Consultant

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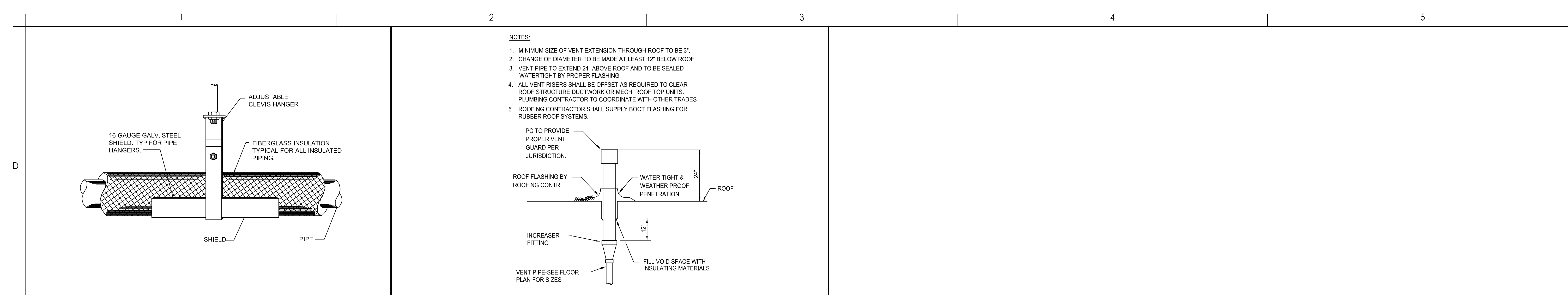
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LEE'S SUMMIT
1460 SE
HAMBLEN RD
Lee's Summit, MO

Project No.: 222702385
File Name: E600-SITEELECTRIC
Scale: AS NOTED

Dwn. Dgn. Chkd. YYYTJAM/DD
Title
ELECTRICAL SITE
PLAN

Revision: Sheet: 01 of 04
Drawing No.

E-400



1 TYPICAL PIPE HANGER DETAIL

2 TYPICAL VENT INCREASER DETAIL

1. PROPER FIRE PROTECTION MEASURES, SATISFACTORY TO THE LOCAL FIRE DEPARTMENT SHALL BE TAKEN WHEN WELDING OR CUTTING WITH TORCHES OR ELECTRIC ARC.
2. CLEANOUTS IN HORIZONTAL DRAINAGE LINES SHALL BE SPACED AT INTERVALS NOT TO EXCEED THE FOLLOWING VALUES:
 4" PIPE SIZE OR LESS: 75 FEET
 5" THROUGH 10" PIPE SIZE: 100 FEET
3. APPROVED WATER HAMMER ARRESTERS SHALL BE INSTALLED ON WATER DISTRIBUTION SYSTEMS IN WHICH QUICK CLOSING VALVES ARE INSTALLED. WATER HAMMER ARRESTERS SHALL BE PLACED AS CLOSE AS POSSIBLE TO THE QUICK CLOSING VALVE, AT THE END OF LONG PIPING RUNS, OR NEAR BATTERIES OF FIXTURES. ARRESTERS SHALL BE ACCESSIBLE FOR REPLACEMENT.
4. PROVIDE SHUT OFF VALVES AT ALL BRANCH PIPING CONNECTIONS.
5. PLUMBING CONTRACTOR SHALL PROVIDE NEW INDIRECT WASTE CONNECTIONS AND AIR BREAKS AS IS DESCRIBED IN THE LOCAL PLUMBING CODE.
6. IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO REVIEW THE PLANS AND SPECIFICATIONS TO BECOME FAMILIAR WITH THE FULL PROJECT SCOPE. IN ADDITION, THIS CONTRACTOR MUST COORDINATE AND UNDERSTAND ANY OWNER REQUIREMENTS NOT SPECIFIED HEREIN.
7. RUN PIPING PARALLEL AND PERPENDICULAR TO CONSTRUCTION. RUN BETWEEN JOISTS OR OTHERWISE CONCEALED IN ALL OCCUPIED SPACES.
8. ALL WORK SCHEDULING MUST BE COORDINATED WITH AN OWNER REPRESENTATIVE PRIOR TO SUBMITTING HIS BID SO AS TO INCLUDE ALL ANGLARY REQUIREMENTS OR PREMIUM TIME WORK.
9. PLUMBING CONTRACTOR SHALL THOROUGHLY EXAMINE THESE PLANS AS WELL AS FIELD VERIFY THE CONDITIONS, LOCATIONS AND ELEVATIONS AT THE JOB SITE. WHERE EXISTING CONDITIONS FACILITATE A MORE DIRECT AND/OR LESS EXPENSIVE JOB PERFORMANCE, THEN THE APPLICABLE CONTRACTOR SHALL ISSUE A CREDIT TO THE OWNER. SUBMIT LIST OF ALL CREDITS TO DEVIATIONS TO THESE PLANS TO AN APPROVED OWNER REPRESENTATIVE PRIOR TO JOB COMMENCEMENT.
10. ALL DOMESTIC WATER BRANCH LINES SHALL HAVE IN-LINE, ACCESSIBLE SHUTOFF VALVES.
11. ALL PLUMBING FIXTURES/APPLIANCES SHALL HAVE EASILY ACCESSIBLE SHUTOFF VALVES.
12. PITCH HORIZONTAL SANITARY AND WASTE DRAINAGE PIPING 3" DIAMETER AND LESS AT 1/4" PER FOOT MINIMUM. PITCH HORIZONTAL SANITARY AND WASTE DRAINAGE PIPING 4" DIAMETER AND LARGER AT 1/8" PER FOOT MINIMUM.
13. PROVIDE CLEANOUTS AT BASE OF ALL STACKS, END OF RUNS, CHANGES OF DIRECTION AND AT INTERMEDIATE POINTS AT A MAXIMUM OF 50'-0" ON CENTER. REQUIRED SYSTEMS SHALL BE INCLUDE SOIL, WASTE AND VENT LINES. PROVIDE EXTRA HEAVY BRASS SCREW CAPS AND APPROVED FLUSH CAST BRASS DECK PLATES FOR LOCATIONS WITH FINISHED FLOORS.
14. PLUMBING CONTRACTOR TO PROVIDE CHROME PLATED BRASS FITTINGS, VALVES AND PIPING WHEREVER PIPING IS EXPOSED.
15. ALL DOMESTIC WATER OUTLETS SHALL BE PROTECTED AGAINST BACKFLOW AND CONTAMINATION BY ONE OF THE FOLLOWING METHODS:
 1) AIR GAP
 2) BAROMETRIC LOOP
 3) ATMOSPHERIC TYPE VACUUM BREAKER
 4) REDUCED PRESSURE ZONE BACKFLOW PREVENTER
16. ALL TRENCHING AND BACKFILL FOR PLUMBING WORK SHALL BE PERFORMED BY THE PLUMBING CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNDERGROUND UTILITIES, PIPING CONDUIT, EQUIPMENT, ETC. WHILE EXCAVATING. CONTRACTOR SHALL RETURN ALL AREAS TO EXISTING CONDITION SUCH AS LANDSCAPING, PAVING, SIDEWALKS, LAWNS, ETC.
17. RELATED TRADE CONTRACTORS SHALL BE RESPONSIBLE FOR ANY INCORRECTLY INSTALLED ITEMS: ANY REROUTING, SAW CUTTING OF CONCRETE FLOORS, REMOVAL OF CEILINGS, ETC. AFTER ITEMS ARE INSTALLED SHALL BE REDONE BY THE RESPECTIVE CONTRACTOR AND AT THEIR EXPENSE.
18. RUN ALL DOMESTIC, WASTE, VENT, AND GAS PIPING AS HIGH AS POSSIBLE THROUGHOUT THE ENTIRE BUILDING. INSTALL LONG RUNS OF PIPING WITHIN STEEL (JOIST) SPACE AND OTHER PIPING TIGHT TO THE BOTTOM OF STEEL. COORDINATE AND VERIFY WITH OTHER CONTRACTORS AS NOT TO INTERFERE WITH DUCTWORK AND FIRE PROTECTION PIPING, LIGHTING SYSTEMS, ETC.
19. ALL EXPOSED HORIZONTAL AND VERTICAL PIPING SHALL BE INSTALLED IN A NEAT ARRANGEMENT IN LOCATIONS WHICH ARE THE MOST INCONSPICUOUS. VERTICAL DROPS SHALL BE KEPT TO AN ABSOLUTE MINIMUM AND THEIR FINAL LOCATIONS SHALL BE COORDINATED WITH THE STORE REP. AND RUN WITHIN CHASES, WALLS AND SOFFITS WITH OTHER MECHANICAL/ELECTRICAL FEEDS. ALL SUCH LOCATIONS ARE TO BE REVIEWED WITH OWNER REPRESENTATIVE AND ARCHITECT PRIOR TO INSTALLATION.
20. FINAL CONNECTIONS TO ALL GAS FIRED APPLIANCES TO BE BY THE PLUMBING CONTRACTOR, REGARDLESS OF WHO PROVIDES APPLIANCE. THIS SHALL INCLUDE BUT NOT BE LIMITED TO HVAC EQUIPMENT, COOKING EQUIPMENT, EMERGENCY GENERATORS AND DOMESTIC HOT WATER HEATERS. EACH PIECE OF EQUIPMENT SHALL BE PROVIDED WITH A DIRT LEG, LUBRICATED PLUS VALVE, UNION AND GAS SHUTOFF VALVE.
21. ALL HAND SINKS AND LAVATORIES SHALL HAVE IN-LINE WATER TEMPERING VALVES INSTALLED SO AS TO BE EASILY ACCESSIBLE. THESE TEMPERING VALVES SHALL BE SET TO DELIVER HOT WATER AT 105°F.
22. PRIOR TO INSTALLING SYSTEMS, THE PLUMBING CONTRACTOR SHALL MEET WITH AN OWNERS REPRESENTATIVE TO FIELD VERIFY THE EXACT LOCATION OF ALL PROPOSED EQUIPMENT.
23. THESE PLUMBING PLANS ARE SCHEMATIC REPRESENTATION OF WHAT IS INTENT OF THE PLUMBING SYSTEMS ONLY. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LOCAL PLUMBING CODE AND IN GOOD WORKMANLIKE MANNER. THE PLUMBING CONTRACTOR IS RESPONSIBLE TO MAKE SURE HE IS COMPLETELY AWARE OF THE LOCAL CODE, THE REQUIREMENTS ON THESE PLANS AND THE OWNERS RECOMMENDATIONS PRIOR TO SUBMITTING BIDS. THERE WILL BE NO ADDITIONAL COMPENSATION MADE FOR LACK OF KNOWLEDGE OF ANY REQUIREMENTS AFTER THE CONTRACTS HAVE BEEN AWARDED.
24. ADDITIONAL VALVED OUTLETS ARE TO BE PROVIDED AT ALL DOMESTIC WATER LINES AFTER THE IN
25. BMS CONNECTED LEAK DETECTION AND SOLENOID SHUTOFF VALVES ARE TO BE ADDED TO WATER HEATERS FOR EXTRA PROTECTION.
26. NO-HUB COUPLINGS SHOULD BE HUSKY 4000'S, DOMESTIC WATER JOINTS SHOULD BE SOLDERED, AND STAYBRITE USED.

GENERAL NOTES

IDENTIFIER	DESCRIPTION	IDENTIFIER	DESCRIPTION
AD	AREA DRAIN	IW	INDIRECT WASTE
BFF	BELOW FINISHED FLOOR	LAV	LAVATORY
BT	BATHTUB	LDR	LEADER
COOP	CLEANOUT DECK PLATE	MS	MOP SINK
FCO	CLEANOUT FLOOR MOUNTED	RD	ROOF DRAIN
COG	CLEANOUT TO GRADE	S	SANITARY
CW	COLD WATER	SA	SHOCK ARRESTER
DF	DRINKING FOUNTAIN	SD	STORM DRAINAGE
DFU	DRAINAGE FIXTURE UNITS	SK	SINK
FD	FLOOR DRAIN	SS	SERVICE SINK
FPWH	FROST PROOF WALL HYDRANT	ST	STORM
G	GAS	T	TEMPERED
GPH	GALLONS PER HOUR	V	VENT
GPM	GALLONS PER MINUTE	VTR	VENT THROUGH ROOF
HB	HOSE BIBB	W	WASTE
HW	HOT WATER	WC	WATER CLOSET
HWR	HOT WATER RETURN	WFU	WATER SUPPLY FIXTURE UNITS
INV	INVERT	WH	WALL HYDRANT

ABBREVIATIONS

IDENTIFIER	DESCRIPTION	IDENTIFIER	DESCRIPTION
	GATE VALVE/BALL VALVE		PRESSURE REDUCING VALVE
	GLOBE VALVE		HUB DRAIN
	OS&Y GATE VALVE		FLOOR DRAIN
	CHECK VALVE		ROOF DRAIN
	GAS COCK		SANITARY SEWER PIPING BELOW
	GAS SOLENOID VALVE		SANITARY SEWER PIPING ABOVE
	UNION		INDIRECT WASTE PIPING
	FLOOR CLEANOUT		STORM SEWER PIPING
	CEILING CLEANOUT		VENT PIPING
	WALL CLEANOUT		COLD WATER PIPING
	WATER METER		HOT WATER PIPING
	GAS METER		HOT WATER RETURN PIPING
	WALL HYDRANT/HOSE BIBB		TEMPERED WATER
	EQUIPMENT DESIGNATION		GAS PIPING

SYMBOL LIST NOTES:
 1. SYMBOL LIST SHOWN IS FOR GENERAL REFERENCE ONLY. THE PRESENCE OF A SYMBOL DOES NOT IMPLY ITS USE ON THIS PROJECT. REFER TO DRAWINGS FOR SPECIFIC SYMBOLS USED.

PLUMBING LEGEND

PLUMBING FIXTURE SCHEDULE

SYMBOL	DESCRIPTION	PIPE SIZES (INCHES)				MOUNTING HEIGHT	REMARKS
		C.W.	H.W.	W.	V.		
HS1	HAND SINK	1/2"	1/2"	1-1/2"	1-1/2"	ADA COMPLIANT	SEE ARCHITECTURAL PLAN AND SCHEDULES.
TD	TRENCH DRAIN	--	--	16"	--	--	SEE ARCHITECTURAL PLAN AND SCHEDULES.
HB	HOSE BIBB	3/4"	--	--	--	--	WATTS #SC8
EW1	HOSE BIBB	1/2"	1/2"	--	--	--	EXACT MAKE, MODEL, AND ACCESSORIES TO BE VERIFIED BY OWNER.
TV	TEMPERING VALVE	1/2"	1/2"	--	--	--	WATTS #FLM45

PLUMBING EQUIPMENT SCHEDULE

SYMBOL	DESCRIPTION	LOCATION	CAP.	HD.	HP.	CURRENT	REMARKS
O/S	OIL/WATER SEPERATOR	OUTSIDE WASH BAY	250 GAL.	--	--	--	STREAM #OS-100

PLUMBING SCHEDULES

DWG #	DESCRIPTION
P-100	GENERAL PLUMBING INFORMATION
P-200	PLUMBING FLOOR PLAN

PLUMBING SCHEDULES

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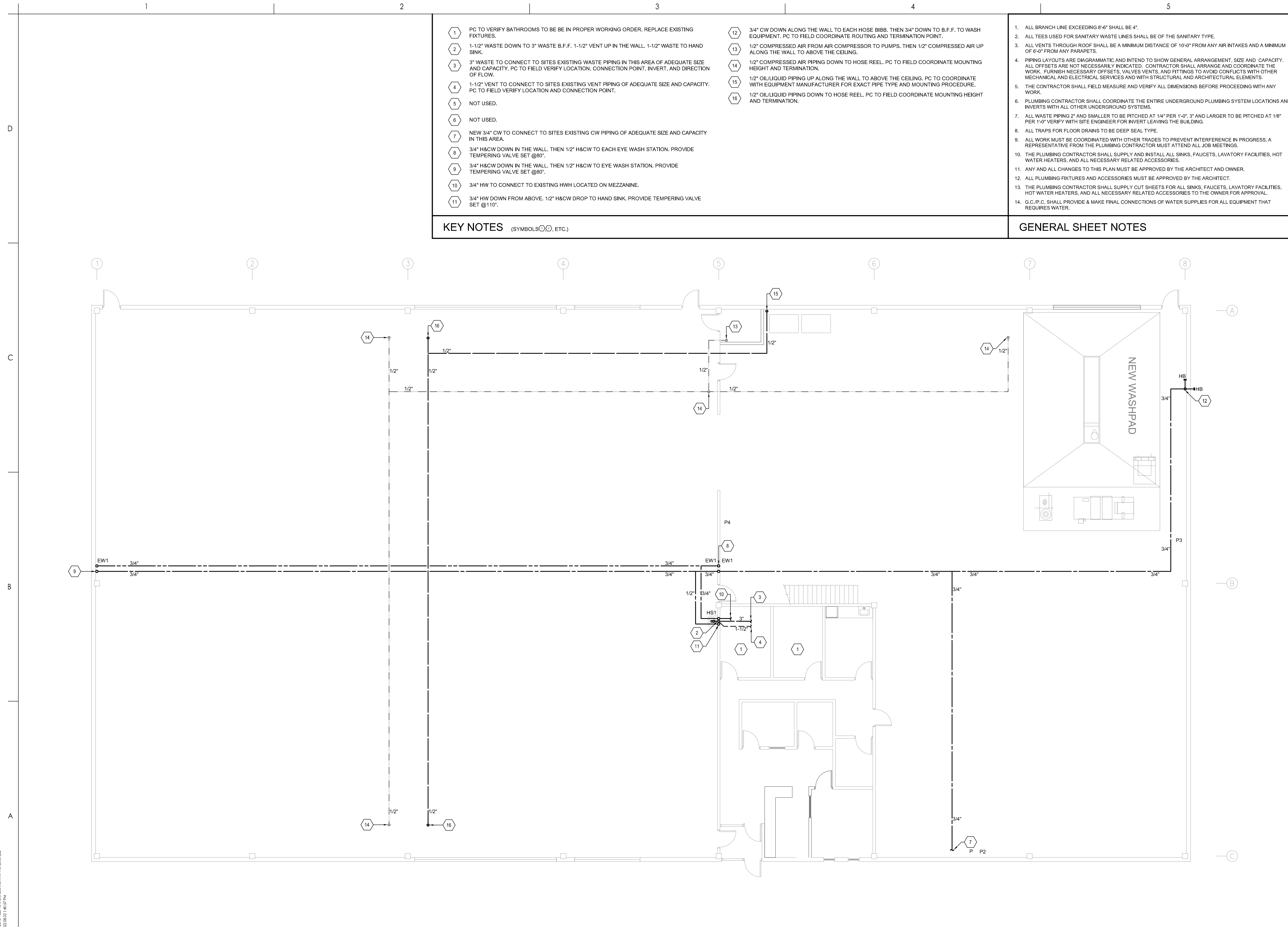
Project No.: 222702385
 File Name: P100-PLB
 Scale: AS NOTED

Dwn. Dign. Chkd. YYY-MM-DD
 YYY-MM-DD

Title
 GENERAL PLUMBING INFORMATION

Revision: Sheet: 01 of 02
 Drawing No.

DRAWING LIST



- 1 PC TO VERIFY BATHROOMS TO BE IN PROPER WORKING ORDER. REPLACE EXISTING FIXTURES.
- 2 1-1/2" WASTE DOWN TO 3" WASTE B.F.F. 1-1/2" VENT UP IN THE WALL. 1-1/2" WASTE TO HAND SINK.
- 3 3" WASTE TO CONNECT TO SITES EXISTING WASTE PIPING IN THIS AREA OF ADEQUATE SIZE AND CAPACITY. PC TO FIELD VERIFY LOCATION, CONNECTION POINT, INVERT, AND DIRECTION OF FLOW.
- 4 1-1/2" VENT TO CONNECT TO SITES EXISTING VENT PIPING OF ADEQUATE SIZE AND CAPACITY. PC TO FIELD VERIFY LOCATION AND CONNECTION POINT.
- 5 NOT USED.
- 6 NOT USED.
- 7 NEW 3/4" CW TO CONNECT TO SITES EXISTING CW PIPING OF ADEQUATE SIZE AND CAPACITY IN THIS AREA.
- 8 3/4" H&CW DOWN IN THE WALL. THEN 1/2" H&CW TO EACH EYE WASH STATION. PROVIDE TEMPERING VALVE SET @60°.
- 9 3/4" H&CW DOWN IN THE WALL. THEN 1/2" H&CW TO EYE WASH STATION. PROVIDE TEMPERING VALVE SET @60°.
- 10 3/4" HW TO CONNECT TO EXISTING HWH LOCATED ON MEZZANINE.
- 11 3/4" HW DOWN FROM ABOVE. 1/2" H&CW DROP TO HAND SINK. PROVIDE TEMPERING VALVE SET @110°.

- 12 3/4" CW DOWN ALONG THE WALL TO EACH HOSE BIBB. THEN 3/4" DOWN TO B.F.F. TO WASH EQUIPMENT. PC TO FIELD COORDINATE ROUTING AND TERMINATION POINT.
- 13 1/2" COMPRESSED AIR FROM AIR COMPRESSOR TO PUMPS. THEN 1/2" COMPRESSED AIR UP ALONG THE WALL TO ABOVE THE CEILING.
- 14 1/2" COMPRESSED AIR PIPING DOWN TO HOSE REEL. PC TO FIELD COORDINATE MOUNTING HEIGHT AND TERMINATION.
- 15 1/2" OIL/LIQUID PIPING UP ALONG THE WALL TO ABOVE THE CEILING. PC TO COORDINATE WITH EQUIPMENT MANUFACTURER FOR EXACT PIPE TYPE AND MOUNTING PROCEDURE.
- 16 1/2" OIL/LIQUID PIPING DOWN TO HOSE REEL. PC TO FIELD COORDINATE MOUNTING HEIGHT AND TERMINATION.

- 1. ALL BRANCH LINE EXCEEDING 8'-6" SHALL BE 4".
- 2. ALL TEES USED FOR SANITARY WASTE LINES SHALL BE OF THE SANITARY TYPE.
- 3. ALL VENTS THROUGH ROOF SHALL BE A MINIMUM DISTANCE OF 10'-0" FROM ANY AIR INTAKES AND A MINIMUM OF 6'-0" FROM ANY PARAPETS.
- 4. PIPING LAYOUTS ARE DIAGRAMMATIC AND INTEND TO SHOW GENERAL ARRANGEMENT, SIZE AND CAPACITY. ALL OFFSETS ARE NOT NECESSARILY INDICATED. CONTRACTOR SHALL ARRANGE AND COORDINATE THE WORK. FURNISH NECESSARY OFFSETS, VALVES VENTS, AND FITTINGS TO AVOID CONFLICTS WITH OTHER MECHANICAL AND ELECTRICAL SERVICES AND WITH STRUCTURAL AND ARCHITECTURAL ELEMENTS.
- 5. THE CONTRACTOR SHALL FIELD MEASURE AND VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH ANY WORK.
- 6. PLUMBING CONTRACTOR SHALL COORDINATE THE ENTIRE UNDERGROUND PLUMBING SYSTEM LOCATIONS AND INVERTS WITH ALL OTHER UNDERGROUND SYSTEMS.
- 7. ALL WASTE PIPING 2" AND SMALLER TO BE PITCHED AT 1/4" PER 1'-0". 3" AND LARGER TO BE PITCHED AT 1/8" PER 1'-0". VERIFY WITH SITE ENGINEER FOR INVERT LEAVING THE BUILDING.
- 8. ALL TRAPS FOR FLOOR DRAINS TO BE DEEP SEAL TYPE.
- 9. ALL WORK MUST BE COORDINATED WITH OTHER TRADES TO PREVENT INTERFERENCE IN PROGRESS. A REPRESENTATIVE FROM THE PLUMBING CONTRACTOR MUST ATTEND ALL JOB MEETINGS.
- 10. THE PLUMBING CONTRACTOR SHALL SUPPLY AND INSTALL ALL SINKS, FAUCETS, LAVATORY FACILITIES, HOT WATER HEATERS, AND ALL NECESSARY RELATED ACCESSORIES.
- 11. ANY AND ALL CHANGES TO THIS PLAN MUST BE APPROVED BY THE ARCHITECT AND OWNER.
- 12. ALL PLUMBING FIXTURES AND ACCESSORIES MUST BE APPROVED BY THE ARCHITECT.
- 13. THE PLUMBING CONTRACTOR SHALL SUPPLY CUT SHEETS FOR ALL SINKS, FAUCETS, LAVATORY FACILITIES, HOT WATER HEATERS, AND ALL NECESSARY RELATED ACCESSORIES TO THE OWNER FOR APPROVAL.
- 14. G.C./P.C. SHALL PROVIDE & MAKE FINAL CONNECTIONS OF WATER SUPPLIES FOR ALL EQUIPMENT THAT REQUIRES WATER.

KEY NOTES (SYMBOLS, ETC.)

GENERAL SHEET NOTES

Stantec
 Street Address: _____
 City, Province/State, Postal/Zip Code: _____
 Tel: +1.555.555.1234
 www.stantec.com

CONSULTING MECHANICAL-ELECTRICAL-PLUMBING REFRIGERATION & FIRE PROTECTION ENGINEERS
 75 South Street Freehold, New Jersey, 07728
 Voice: (732) 761-0108 Fax: (732) 761-0109
 Web Site: www.edg-ec.com
 edg@ec.com

ENGINEERED DESIGN GROUP
 consulting engineers

ISSUE FOR PERMIT	By	Appd	08-05-22	TYTJMM/DD
ISSUED				

Permit/Seal

 Dorrie A. Mercurio, P.E.
 Missouri License #2008011610

Client/Project
 HERC RENTALS
 LEE'S SUMMIT
 1460 SE
 HAMBLEN RD
 Lee's Summit, MO

Project No.: 222702385
 File Name: P200-PLB
 Scale: AS NOTED

Dwn.	Dign.	Chkd.	YYYY.MM.DD
			YYYY.MM.DD

Title
 PLUMBING
 FLOOR PLAN

Revision: _____ Sheet: 02 of 02
 Drawing No. **P-200**

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