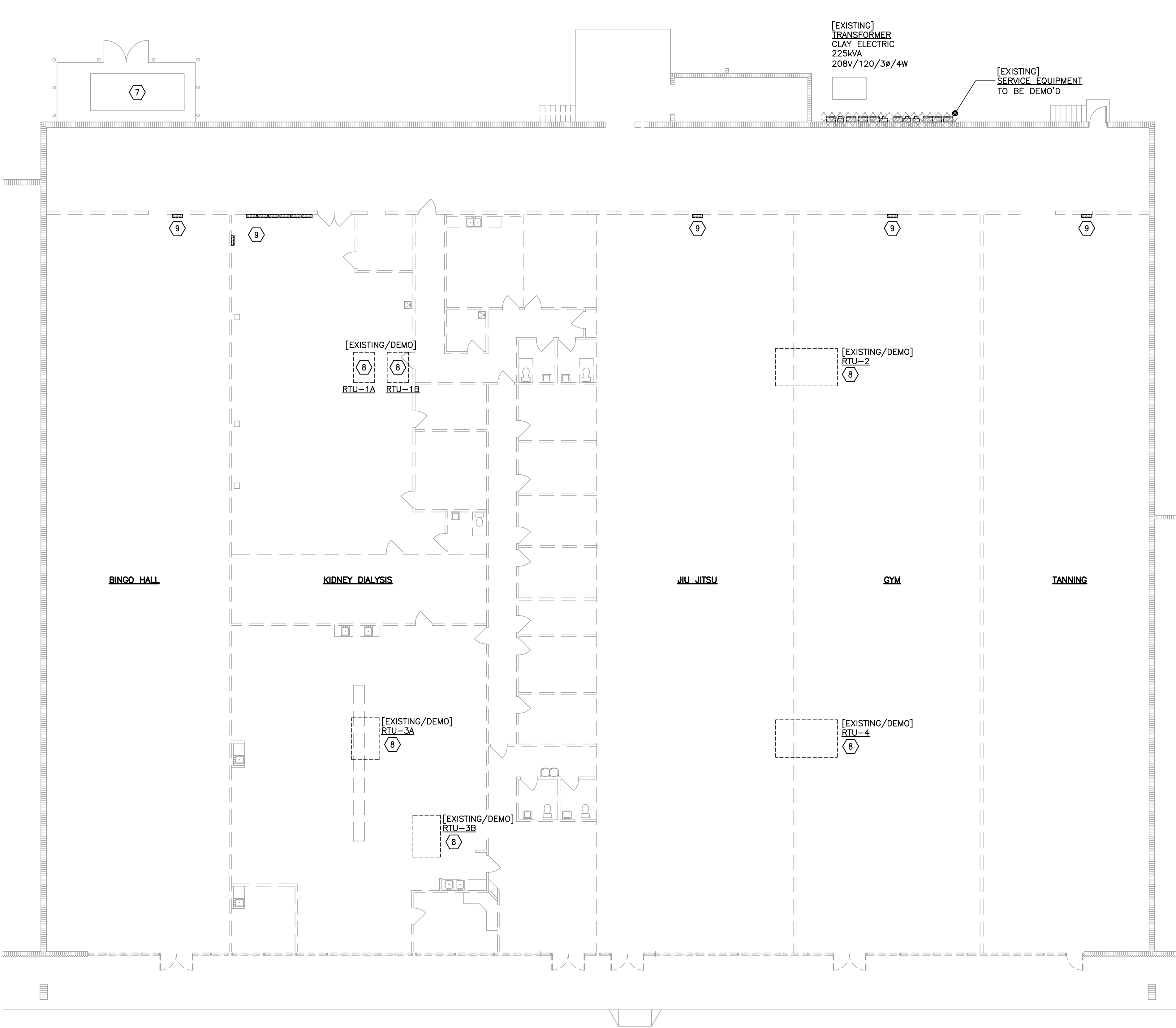
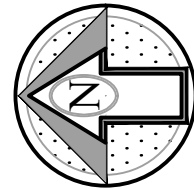




KEYED DEMOLITION NOTES:

- WALLS THAT ARE SLATED TO BE REMOVED BY OTHER. THE E.C. SHALL REMOVE RECEPTACLES, OUTLET BOXES, CONDUIT, JUNCTION BOXES, AND WIRE FROM THE WALLS BACK TO THE PANEL FEEDING THEM. EC SHALL INSURE ALL POWER IS TURNED OFF AND LOCKED OUT PRIOR TO DEMO/REMOVAL.
- [DEMO] ALL EXISTING SURFACE MOUNTED LIGHTS FROM THE CEILING OF THIS SPACE. NEW LIGHT FIXTURES TO BE INSTALLED.
- [DEMO] ALL EXISTING EXIT SIGN FROM THE CEILING, INCLUDING CONDUIT AND WIRE TO THE NEAREST PANEL.
- [DEMO] ALL EXISTING FIRE ALARM DEVICES, WIRE, CONDUIT. AND PANEL.
- [DEMO] ALL EXISTING CEILING MOUNTED OCCUPANCY SENSORS.
- [DEMO] ALL EXISTING POWER POLES.
- [EXISTING] STANDBY GENERATOR: BASED ON VISUAL INSPECTION DONE ON OUTSIDE OF GEN (DOORS WERE LOCKED). GEN IS ESTIMATED TO BE AT LEAST 10 YEARS OLD. EC SHALL CONDUCT FURTHER INSPECTION/TESTING TO DETERMINE IF GENSET IS STILL OPERATIONAL.
- [DEMO] EXISTING RTUs. COORDINATE REMOVAL OF MECHANICAL EQUIPMENT WITH MECHANICAL PLANS.
- [DEMO/EXISTING] TENANT PANELS ARE SHOWN FOR REFERENCE ONLY. EC SHALL FIELD VERIFY LOCATIONS OF EXISTING PANELS PRIOR TO DEMO.

DEMOLITION PLAN



SCALE: 3/32" = 1'-0"



ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	BRANCH CIRCUIT HOMERUN: (2) CIRCUIT EXAMPLE >GROUND HASHMARK DENOTES GROUND WIRE >LONG HASHMARK DENOTES NEUTRAL WIRE >SHORT HASHMARKS DENOTE PHASE WIRES >20A CIRCUITS SHALL BE MIN #12, 3/4" UON >30A CIRCUITS SHALL BE MIN #10, 1/2" UON
	BRANCH CIRCUIT HOMERUN: NO HASHMARKS DENOTE (3) WIRES (GROUND, NEUTRAL, & PHASE)
	CIRCUIT - CONDUIT/WIRE
	CIRCUIT - CONDUIT/WIRE UNDERFLOOR/GRADE
	CIRCUIT - EMERGENCY OR LOW VOLTAGE (LV)
	GROUNDING ELECTRODE
	GROUNDING SYMBOL
	CIRCUIT - PULLWIRE IN CONDUIT
	CIRCUIT - CONDUIT STUB-OUT 12" ABOVE GRADE
	CIRCUIT - CONDUIT TURNED UP/DWN SEE DWGS
	UPSIZED CONDUCTORS FOR VOLTAGE DROP
	LTG - PHOTOCELL
	LTG - EMERGENCY EXIT SIGN
	DETAIL SYMBOL- DETAIL # / DRAWING # ARROW HEAD INDICATES DIRECTION OF VIEW
	PANELBOARD (PNL)
	TELEPHONE BACKBOARD (TBB)
	DISC- SWITCH (NEMA FRAME SIZE/ # POLES/NEMA ENCLOSURE)
	MOTOR
	REC - DUPLEX
	MTD ABOVE MILLWORK, REF. ARCH ELEVATIONS
	REC- DUPLEX GND FAULT INTERRUPTER (GFI)
	REC- GFI MTD ABOVE MILLWORK, REF. ARCH ELEVATIONS
	REC- DUPLEX (SWITCHED BOTTOM)
	REC- DUPLEX GFI W/IN-USE WP ENCLOSURE
	REC- QUADRAPLEX
	REC- QUADRAPLEX MTD ABOVE MILLWORK, REF. ARCH ELEVATIONS
	REC- DUPLEX FLOOR MTD
	COMBINATION PWR/TELECOM FLR BOX
	REC - RECESSED TV RECEPTACLE (SEE PLAN FOR HEIGHT)
	JBX- JUNCTION BOX (JBX)
	CONTROL RELAY
	COMM- (1) F-CONNECTOR W/ RG-6 CABLE AND (1) RJ45 JACK WITH (1) CAT-6 CABLES
	COMM- MTD ABOVE MILLWORK (SEE ARCH DWGS)
	REVISIONS/ADDITIONS

DRAWING INDEX	
NUMBER	DESCRIPTION
E-0	LEGEND, ABBREV., & GENERAL NOTES
E-1	LIGHTING PLAN
E-2.1	POWER & SYSTEMS PLAN
E-2.2	ROOFTOP PLAN
E-3	PANEL SCHEDULES & POWER RISER
E-4.1	DETAILS
E-4.2	DETAILS
E-5	ELECTRICAL SPECIFICATIONS

ABBREVIATIONS	
A	AMPS
AF	AMP FRAME
AFF	ABOVE FINISHED FLOOR
AIC	AVAILABLE INTERRUPTING CAPACITY
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
AT	AMP TRIP (BREAKER)
C	CONDUIT
CALC	CALCULATION
CKT	CIRCUIT
CLG	CEILING
CPT	CONTROL POWER TRANSFORMER
CT'S	CURRENT TRANSFORMERS
DISC	DISCONNECT
DT	DUAL TECHNOLOGY
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
ELEC	ELECTRICAL
ENCL	ENCLOSED
EPO	EMERGENCY POWER OFF STATION
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
G	GROUND
GE	GROUNDING ELECTRODE
GEC	GROUNDING ELECTRODE CONDUCTOR
GFI	GND FAULT INTERRUPTER
GND	GROUND
JBX	JUNCTION BOX
LAN	LOCAL AREA NETWORK
LED	LIGHT EMITTING DIODE
LTG	LIGHT/ LIGHTING
LV	LOW VOLTAGE
MB	MAIN BREAKER
MCA	MINIMUM CIRCUIT AMPACITY
MDP	MAIN DISTRIBUTION PANEL
MOCP	MAXIMUM OVERCURRENT PROTECTION
MV	MULTI-VOLT (480/277/120V)
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELEC MANUFACTURERS ASSOCIATION
N/L	NIGHT LIGHT (CKT AHEAD OF ALL SWITCHES)
OCP	OVERCURRENT PROTECTION
OH	OVERHEAD
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMIN
PNL	PANELBOARD
PIR	PASSIVE INFRARED
PPE	PERSONAL PROTECTIVE EQUIPMENT
PWR	POWER
REC	RECEPTACLE
REF	REFERENCE
REV	REVISION
RTU	ROOF TOP UNIT
SE	SERVICE ENTRANCE
SOS	SCOPE OF SERVICES
SPD	SURGE PROTECTION DEVICE
SPECS	SPECIFICATIONS
SPX	SPLICE BOX
TBD	TO BE DETERMINED
T/M	THERMAL MAGNETIC BREAKER
T/S	TIMESWITCH
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
V	VOLTAGE
WH	WATER HEATER
WP	WEATHER PROTECTED

GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE, NATIONAL ELECTRIC SAFETY CODE, N.F.P.A., O.S.H.A. REGULATIONS AND ALL OTHER EXISTING CODES AND REGULATIONS OF AUTHORITIES WHICH HAVE JURISDICTION.
- THE CONTRACT DRAWINGS ARE DIAGRAMMATIC IN NATURE AND NOT EVERY DETAIL OR CONDUIT IS EXISTING. CONDITIONS AND DIMENSIONS SHALL BE VERIFIED IN THE FIELD BEFORE COMMENCING ANY FABRICATION, ORDERING ANY MATERIAL, OR PERFORMING ANY WORK. ANY DEPARTURE FROM CONCEPT SHOWN ON THE CONTRACT DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. ALL ELECTRICAL EQUIPMENT SHOWN ON THE DRAWINGS AND/OR REQUIRED FOR THE FULL INTEGRITY OF THE CONTRACT SHALL BE FURNISHED, INSTALLED AND CONNECTED BY THE CONTRACTOR, EXCEPT WHERE EQUIPMENT SHOWN IS IDENTIFIED AS "EXISTING" OR OTHERWISE NOTED ON THE DRAWINGS.
- UNLESS OTHERWISE NOTED, EQUIPMENT AND MATERIALS TO BE PROVIDED SHALL BEAR LISTING AND LABELING BY A NATIONALLY RECOGNIZED TESTING AGENCY WHERE SUCH STANDARD HAD BEEN ESTABLISHED FOR THAT TYPE OF EQUIPMENT/MATERIAL.
- THE CONTRACTOR SHALL SUBMIT DETAILED EQUIPMENT LAYOUT PLANS, SECTIONS, AND MOUNTING DETAILS SHOWING PROPOSED LOCATION OF ALL EQUIPMENT AND REQUIRED WORKING/SERVICE CLEARANCES PRIOR TO INSTALLATION.
- CONTRACTOR SHALL VISIT THE PROJECT SITE AND EXAMINE AND CONFIRM EXISTING CONDITIONS. ALL CHANGES SHALL BE PRESENTED DURING SHOP DRAWING SUBMITTALS FOR ENGINEER'S APPROVAL.
- CONDUITS SHALL CONTAIN AN INSULATED GROUND WIRE BONDED TO ENCLOSURES AND SIZED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEC, IF SIZE IS NOT SHOWN ON THE CONTRACT DRAWINGS.
- THE CONTRACTOR SHALL PROVIDE CONDUIT FITTINGS, CONNECTORS, CLAMPS, HARDWARE, HANGERS, AND SUPPORTS AS NECESSARY FOR A COMPLETE INSTALLATION.
- THE CONTRACTOR SHALL PROVIDE TAGS FOR EQUIPMENT, CONDUITS, AND CABLES THAT ARE INSTALLED UNDER THIS CONTRACT. TAG IDENTIFICATIONS SHALL BE IN ACCORDANCE WITH CONTRACT DRAWINGS. TAGS FOR CONDUITS SHALL BE AS DESCRIBED IN SPECIFICATIONS.
- UNUSED OPENINGS IN CONDUITS, BOXES, DISCONNECT SWITCHES, CABINETS, AND PANEL BOARDS SHALL BE CAPPED OR PLUGGED.
- CONTRACTOR SHALL PROVIDE THE NECESSARY MATERIALS, LABOR AND ATTENDANCE FOR THE OPERATION OF TEMPORARY LIGHT AND CONSTRUCTION POWER AS REQUIRED DURING WORKING HOURS FOR THE ENTIRE CONSTRUCTION PERIOD.
- ALL BRANCH CIRCUITS OVER 75 FEET IN LENGTH SHALL BE RUN WITH #12 CONDUCTOR, UNLESS OTHERWISE NOTED.
- SCHEDULE ALL DISCONNECTION AND INTERRUPTIONS OF ELECTRICAL SERVICE, COMMUNICATIONS AND SUPERVISORY SYSTEMS WITH THE OWNER AND ENGINEER.
- CONTRACTORS SHALL FOLLOW ALL OWNER SITE SAFETY WORK PROCESSES AND PROCEDURES, FOR EXAMPLE, WORK PERMITS, SAFETY TASK ANALYSES, LOCKOUT TAGOUT (LOTO), LOCK, TAG AND TRY, AND RED TAG, ETC.
- CONTRACTORS SHALL COORDINATE ALL WORK ACTIVITIES WITH OPERATIONS, MAINTENANCE, AND OTHER CONTRACTORS.

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IF DIGITALLY SEALED, THE SEAL APPLIES TO THIS DOCUMENT ONLY. FOR A FULL LISTING OF ALL SEALING REQUIREMENTS, SEE THE FLORIDA STATUTE 6101-16.003(2).

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY JOHN REEP, ARCHITECT ON 10/26/2021 USING A DIGITAL SIGNATURE.

Encrypted Digital Seal

Do Not Scale The Drawings

4th Revision

3rd Revision

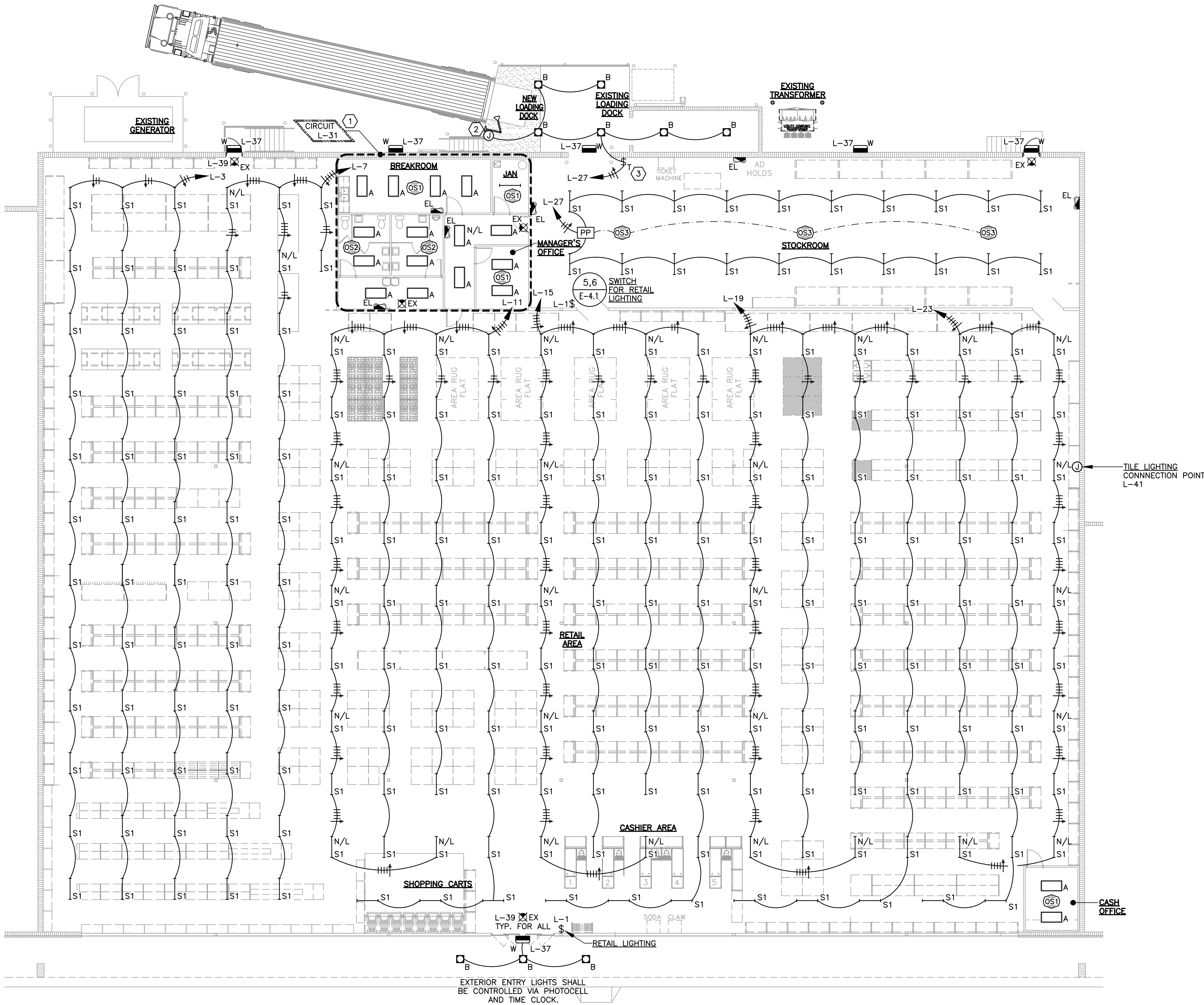
2nd Revision

1st Revision

Issue Date October 26, 2021
Project Number 21-033-007

LEGEND, ABBREV., & GENERAL NOTES

E-0



[PROPOSED]
LIGHTING PLAN

SCALE: 3/32" = 1'-0"

0 2' 6' 12' 24' 30'

- # KEYED PLAN NOTES:
1. LIGHTING FIXTURES LOCATED WITHIN DASHED LINE ARE FED BY CIRCUIT INDICATED ON TAG.
 2. COORDINATE MOUNTING LOCATION OF DOCK LIGHT WITH OWNER.
 3. RHEOSTAT 2-HOUR TIMER SWITCH: COORDINATE FINAL LOCATION AND SWITCH TYPE WITH OWNER.

OCCUPANCY SENSOR DATA

SYMBOL	DESCRIPTION
OS1	CEILING MOUNT PIR OCCUPANCY SENSOR WATTSTOPPER UT-300 OR EQUAL
OS2	CEILING MOUNT PIR/ULTRASONIC OCCUPANCY SENSOR WATTSTOPPER DT-205 OR EQUAL
OS3	LOW VOLTAGE CEILING MOUNT PIR/ULTRASONIC OCCUPANCY SENSOR WATTSTOPPER DT-300 OR EQUAL
PP	POWER PACK WATTSTOPPER BZ-50 OR BZ-150 DEPENDING ON APPLICATION OR EQUAL
	LV CLASS 2 CONDUCTOR, PLENUM RATED

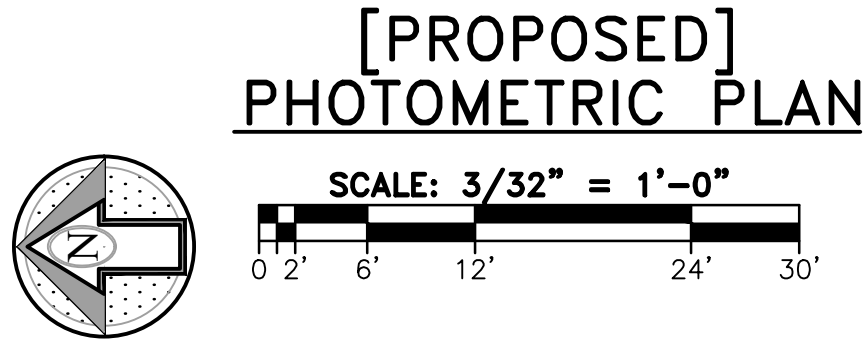
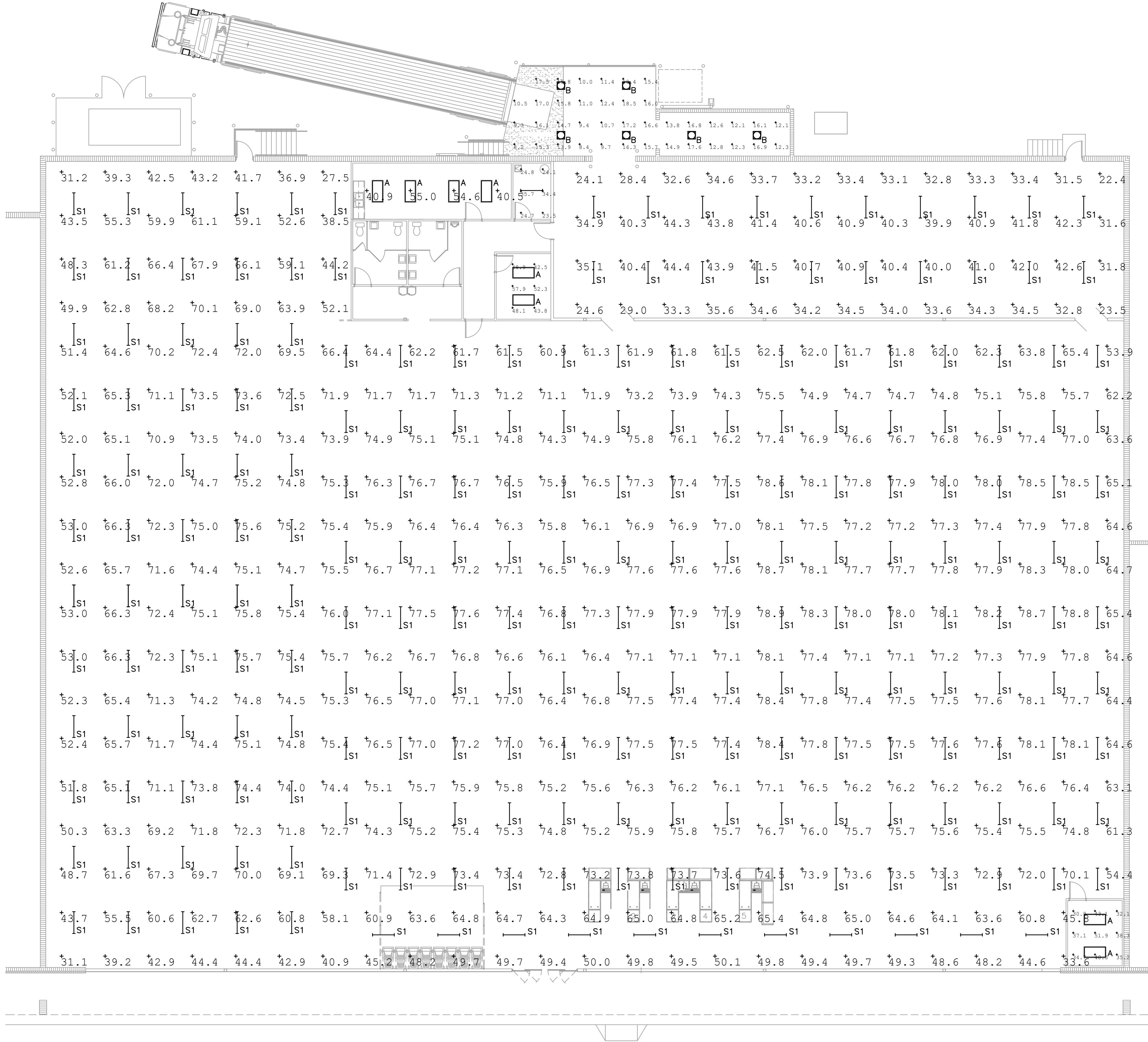
LUMINAIRE SCHEDULE

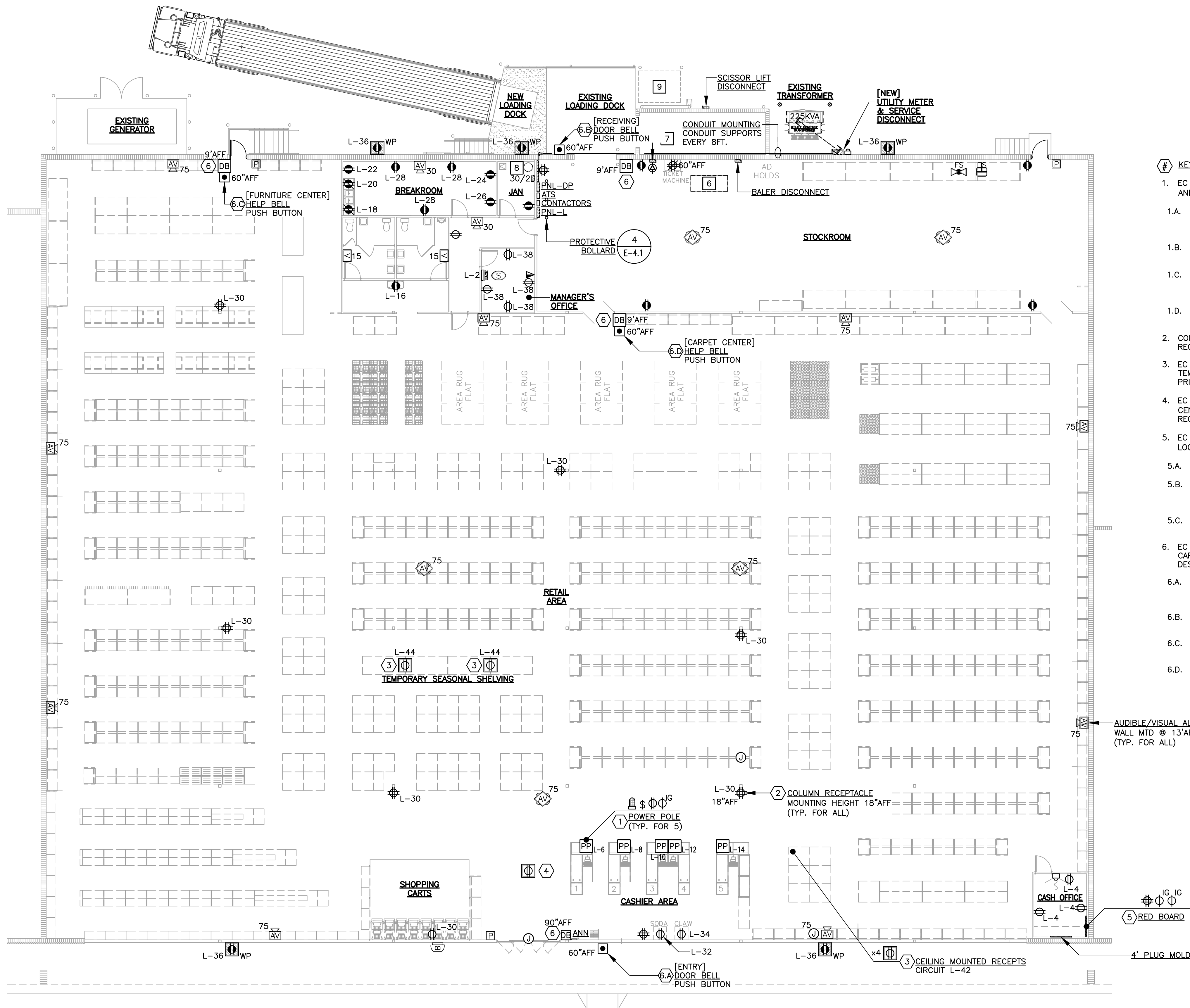
SYMBOL	TAG	DESCRIPTION	MANUFACTURER	VOLT	INPUT WATTS	MTG/INSULATION (UNLESS OTHERWISE NOTED)
	A	1-LAMP 2'x4' LAY-IN (LED)	HE WILLIAMS- LP-24-L50/840-DIM-UNV	UNV	48.1W	RECESSED
	B	14" LED SURFACE MTD CANOPY LIGHT	HE WILLIAMS- GC20-NW-G1-SM-5-8-BZ	UNV	20W	SURFACE
	S1	4' LED STRIP (LED)	HE WILLIAMS- 76R-4-L94/840-DIM-UNV	UNV	68.6W	SURFACE
	S2	4' LED STRIP (LED)	HE WILLIAMS- 76R-4-L52/840-DIM-UNV	UNV	35.8W	SURFACE
	EX	LED EMERGENCY EXIT SIGN (BATTERY)	BEGHELLI- LC1E-SA-LR-U-B-AL	UNV	2W	WALL/CEILING
	EL	EM BATTERY UNIT W/ 2 HEADS	CHLORIDE- S1272LT12W	UNV	2W	WALL
	W	FULL CUT-OFF LED WALL PACK (LG)	CHLORIDE- S1272LT12W	UNV	2W	WALL/CEILING

EXIT SIGN PLAN NOTES:

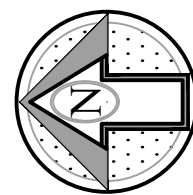
1. EXTERIOR EXIT DOOR WALLPACKS FOR PERSONNEL EXTERIOR EGRESS SHALL HAVE AN UNSWITCHED CIRCUIT WIRE TO THE BALLAST THAT WOULD SIGNAL THE BALLAST IF THERE IS A LOSS OF UTILITY POWER, AND SWITCH TO EMERGENCY BALLAST AND ENERGIZE. WHILE UNDER NORMAL CONDITIONS THE PHOTOCELL CONTROLLED CIRCUIT WILL CYCLE THE FIXTURE ON AND OFF.
2. EXIT SIGNS & EMERGENCY EGRESS PACKS ARE WIRED AHEAD OF ALL SWITCHING CONTROLS TO HAVE CONTINUOUS CIRCUIT AND IF THERE IS A LOSS OF UTILITY POWER, SWITCH TO EMERGENCY BALLAST AND ENERGIZE.
3. ALL CHANGES/VE TO LUMINAIRE SCHEDULE SHALL FIRST PASS THROUGH LIGHTING REP: JIMMY NIX - SESCO LIGHTING: 904.509.5629. IN THE EVENT THAT ANOTHER MANUFACTURER IS CHOSEN, THE FOLLOWING SHALL BE COMPARABLE AND APPROVED BY EOR: WARRANTY, BUILD STANDARDS/QUALITY/MATERIALS, AND PHOTOMETRICS.
4. 'NL'- FIXTURES ARE TO BE CONNECTED AHEAD OF LOCAL SWITCH(ES) TO OPERATE AS NIGHT LIGHT.
5. ORDER FIXTURE WITH ALL REQUIRED PARTS, BRACKETS, ETC FOR WALL MOUNTING.

LTG SCHEDULE NOTES:





[PROPOSED] POWER & SYSTEMS PLAN

SCALE: 3/32" = 1'-0"
0' 2' 6' 12' 24' 30'

KEYED PLAN NOTES:

- EC SHALL INSTALL FIVE (5) IVORY COLORED WIREMOLD 25DTC TWO CHANNEL BLANK POWER POLES (COORDINATE FINAL LENGTH AND LOCATION WITH TENANT) FOR EACH PERMANENT CASH REGISTER. EC SHALL THEN INSTALL THE FOLLOWING DEVICES:
 - ONE (1) VAPORTIGHT CAGED SCENCE MOUNTED ON POWER POLE CLOSEST TO THE CUSTOMER LANE 7" AFF, OR 42" ABOVE CHECKOUT COUNTER TO BOTTOM OF GLASS. EC SHALL COORDINATE FINAL TYPE AND ORIENTATION OF SCENCE WITH TENANT PRIOR TO INSTALLATION.
 - ONE (1) ON/OFF SWITCH (TO CONTROL SCENCE) MOUNTED ON POWER POLE 12" ABOVE CHECKOUT COUNTER. EC SHALL COORDINATE FINAL ORIENTATION OF LIGHT SWITCH WITH TENANT PRIOR TO INSTALLATION.
 - ONE (1) DEDICATED CIRCUIT RECEPTACLE (ISOLATED GROUND RECEPTACLE - ORANGE) LOACTED ON BOTTOM SHELF OF CHECKOUT COUNTER. EC SHALL COORDINATE FINAL TYPE, LOCATION, AND ORIENTATION OF RECEPTACLE WITH TENANT PRIOR TO INSTALLATION.
 - ONE (1) STANDARD DUPLEX RECEPTACLE LOCATED ON BOTTOM SHELF OF CHECKOUT COUNTER. EC SHALL COORDINATE FINAL LOCATION AND ORIENTATION OF RECEPTACLE PRIOR TO INSTALLATION.
- COLUMN MOUNTED DUPLEX RECEPTACLES SHALL BE MOUNTED 18" AFF. EC SHALL COORDINATE QUANTITY AND LOCATIONS OF RECEPTACLES WITH TENANT PRIOR TO INSTALLATION.
- EC SHALL INSTALL CEILING MOUNTED DUPLEX RECEPTACLES AND CORD REEL ABOVE TEMPORARY CASH REGISTER STATIONS AND TEMPORARY SEASONAL SHELVING. EC SHALL COORDINATE FINAL LOCATION AND ORIENTATION OF RECEPTACLES WITH TENANT PRIOR TO INSTALLATION.
- EC SHALL INSTALL ONE (1) DUPLEX RECEPTACLE IN CEILING NEAR STOREFRONT ENTRY DOOR FOR SURVEILLANCE EQUIPMENT CENTERED ON ENTERANCE 10'-12" FROM DOOR AND 12" AFF. EC SHALL COORDINATE FINAL LOCATION AND ORIENTATION OF RECEPTACLE WITH TENANT.
- EC SHALL INSTALL A 5'Wx4'Hx3/4"D PLYWOOD BACK BOARD, PAINTED 'SAFETY RED', IN THE CASH OFFICE (COORDINATE FINAL LOCATION WITH TENANT). THE FOLLOWING SHALL BE INSTALLED ON THE RED BOARD:
 - ONE (1) QUAD OUTLET WHITE. OUTLETS SHALL BE INSTALL SO THAT ONE IS UPSIDE DOWN RELATIVE TO THE OTHER.
 - ONE (1) DEDICATED SINGLE-PLEX GROUND ISOLATING ORANGE OUTLET (IG) SHALL BE INSTALLED FOR AUDIO, PA, AND PHONE SYSTEM. EC SHALL COORDINATE FINAL LOCATION AND ORIENTATION OF RECEPTACLE WITH TENANT PRIOR TO INSTALLATION.
 - ONE (1) DEDICATED SINGLE-PLEX GROUND ISOLATING ORANGE OUTLET (IG) SHALL BE INSTALL FOR COMPUTER. EC SHALL COORDINATE FINAL LOCATION AND ORIENTATION OF RECEPTACLE WITH TENANT PRIOR TO INSTALLATION.
- EC SHALL INSTALL INTERIOR AUDIBLE NOTIFICATION DEVICES AT FRONT ENTRY, IN FURNITURE CENTER BY REAR NORTH DOOR, IN CARPET CENTER BY RETAIL-SIDE RECEIVING DOOR, AND INTERIOR NEAR DOCK-SIDE RECEIVING DOOR TO BE ACTIVATED AS DESCRIBED IN THE FOLLOWING SUB-NOTES:
 - INTERIOR FRONT ENTRY AUDIBLE NOTIFICATION DEVICE SHALL BE WIRED SO AS TO BE ACTIVATED BY PUSHBUTTONS LOCATED AT EXTERIOR OF FRONT ENTRY, EXTERIOR OF DOCK-SIDE RECEIVING DOOR, INTERIOR BY REAR NORTH DOOR IN FURNITURE CENTER, AND IN CARPET CENTER NEAR RECEIVING DOOR. COORDINATE FINAL LOCATION OF ALL DEVICES WITH TENANT.
 - AUDIBLE NOTIFICATION DEVICE LOCATED NEAR DOCK-SIDE RECEIVING DOOR SHALL BE WIRED SO AS TO BE ACTIVATED BY FRONT ENTRY PUSHBUTTON AND RECEIVING PUSHBUTTON.
 - AUDIBLE NOTIFICATION DEVICE IN FURNITURE CENTER SHALL BE WIRED SO AS TO BE ACTIVATED BY A PUSH BUTTON LOCATED NEAR INTERIOR OF NORTH-SIDE REAR DOOR.
 - AUDIBLE NOTIFICATION DEVICE IN CARPET CENTER SHALL BE WIRED SO AS TO BE ACTIVATED BY A PUSHBUTTON IN CARPET CENTER NEAR RECEIVING DOOR.

AUDIBLE/VISUAL ALARM
WALL MTD @ 13" AFF
(TYP. FOR ALL)2 COLUMN RECEPTACLE
MOUNTING HEIGHT 18" AFF
(TYP. FOR ALL)1 POWER POLE
(TYP. FOR 5)

CASHIER AREA

5 RED BOARD

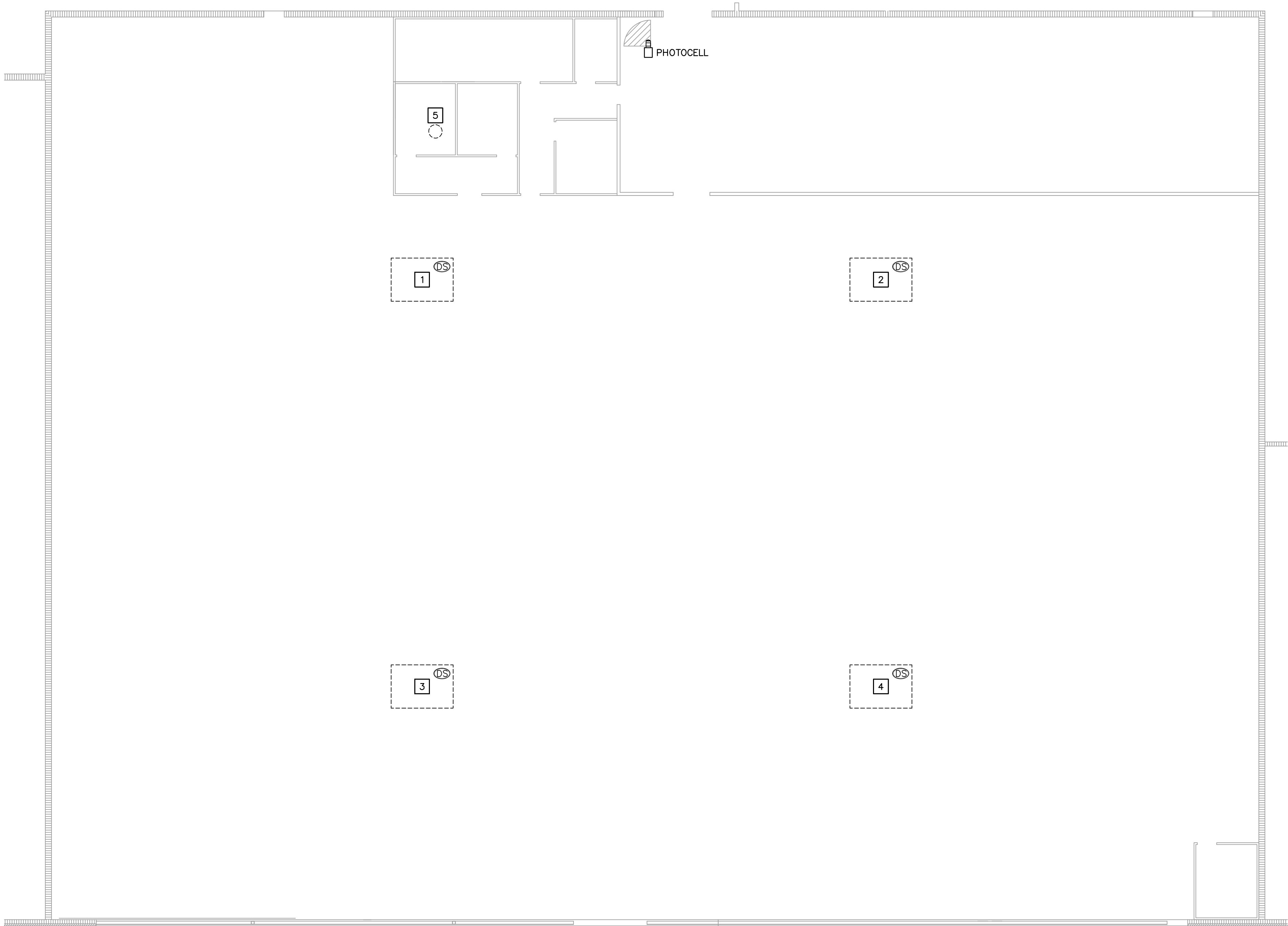
4' PLUG MOLD

1 EQUIPMENT SCHEDULE

NO.	MECHANICAL EQUIPMENT	CIRCUIT	VOLTS/PHASE	DISCONNECT	CONDUCTOR
6	BALER	DP-19	208V/3Ø	60/2/40/3R	3-#8, #10G, .75°C
7	FORKLIFT CHARGER	DP-18	208V/1Ø	30/2/30/3R	2-#10, #10G, .75°C
8	BWH-1	DP-22	208V/1Ø	30/2/25	2-#12, #10G, .5°C
9	SCISSOR LIFT	DP-13	208V/1Ø	30/3/25/3R	3-#12, #10G, .5°C

EQUIPMENT NOTES:

- ELECTRICAL CONTRACTOR SHALL COORDINATE FINAL ELECTRICAL DISCONNECT LOCATION.



[PROPOSED]
ROOFTOP PLAN

SCALE: 3/32" = 1'-0"

① [MECHANICAL] EQUIPMENT SCHEDULE					
NO.	MECHANICAL EQUIPMENT	CIRCUIT	VOLTS/ PHASE	DISCONNECT	CONDUCTOR
1	RTU-1	DP-25	208V/3Ø	200/3/175/3R	3-#2/0, #6G, 2.5°C
2	RTU-2	DP-26	208V/3Ø	200/3/175/3R	3-#2/0, #6G, 2.5°C
3	RTU-3	DP-31	208V/3Ø	200/3/175/3R	3-#2/0, #6G, 2.5°C
4	RTU-4	DP-32	208V/3Ø	200/3/175/3R	3-#2/0, #6G, 2.5°C
5	EF-1	DP-16	120V/1Ø	30/1/10/3R	3-#14, #14G, .5°C

MECHANICAL EQUIPMENT NOTES:

- COORDINATE FINAL MECHANICAL EQUIPMENT AND LOCATION WITH MECHANICAL PLANS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE FINAL ELECTRICAL DISCONNECT LOCATION.

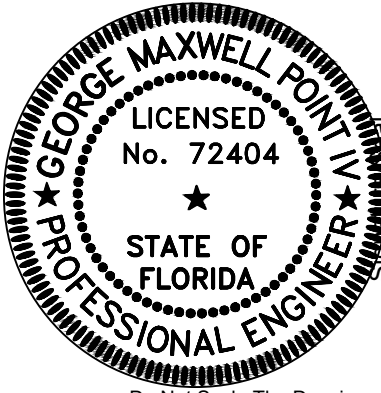
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IF DIGITALLY SEALED, THE SEAL APPLIES TO THE ENTIRE DRAWING.
THIS SEAL HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY JOHN REEP, ARCHITECT, ON [DATE].
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Do Not Scale The Drawings	
5th Revision	
4th Revision	
3rd Revision	
2nd Revision	
1st Revision	
Issue Date	October 26, 2021
Project Number	21-033-007

ROOFTOP PLAN

E-2.2

PNL-DP		120/208		VOLTS/3ø 4 WIRE		☒ TOP FED		42,000 AIC	
LOCATION: RECEIVING AREA		800		- - AT		☐ MAIN BKR		☒ MAIN LUGS	
FED FROM: UTILITY		☐ FLUSH MTD		☐ SURFACE MTD		☐ BOTTOM FED		☒ FEED THRU LUGS	
KVA	LOAD DESCRIPTION	BKR	OKT	A B C	OKT	BKR	LOAD DESCRIPTION	KVA	
0.0	SPARE	60	1		2	60	SPARE	0.0	
			3		4				
			5		6				
0.0	SPARE	60	7		8	20	SPARE	0.0	
			9		10	20	SPARE	0.0	
			11		12	20	SPARE	0.0	
6.3	SCISSOR LIFT	35	13		14	20	SPARE	0.0	
			15		16	20	EF-1	0.0	
			17		18	30	FORKLIFT CHARGING OUTLET/DISC	3.0	
2.0	BALER	35	19		20				
			21		22	30	WATER HEATER	5.0	
			23		24				
38.3	RTU-1	175	25		26	175	RTU-2	38.3	
			27		28				
			29		30				
38.3	RTU-3	175	31		32	175	RTU-4	38.3	
			33		34				
			35		36				
35.5	PNL-L (VIA ATS)	250	37		38	60	SPARE	0.0	
			39		40				
			41		42				
CONNECTED LOAD KVA:		205.1		PANEL AMPACITY:		569.4			

PNL-L (EM)		120/208 VOLTS/3ø 4 WIRE				☐ TOP FED		42,000 AIC	
LOCATION: STOCK ROOM		250 AF - - AT		☐ MAIN BKR		☒ MAIN LUGS		☒ 240 VOLTAGE	
FED FROM: PNL-DP/EM-GEN		☐ FLUSH MTD		☒ SURFACE MTD		☒ BOTTOM FED		☒ FEED THRU LUGS	
KVA	LOAD DESCRIPTION	BKR	OKT	A B C	OKT	BKR	LOAD DESCRIPTION	KVA	
0.2	RETAIL LIGHTING CONTROL POWER	20	1	●	2	20	REC - FACP	0.5	
2.5	LTG - RETAIL AREA 1	20	3	●	4	20	REC - CASH OFFICE	1.0	
			5	●	6	20	REC - REGISTER 1	0.5	
2.5	LTG - RETAIL AREA 2	20	7	●	8	20	REC - REGISTER 2	0.5	
			9	●	10	20	REC - REGISTER 3	0.5	
2.5	LTG - RETAIL AREA 3	20	11	●	12	20	REC - REGISTER 4	0.5	
			13	●	14	20	REC - REGISTER 5	0.5	
2.5	LTG - RETAIL AREA 4	20	15	●	16	20	REC - EWC	1.0	
			17	●	18	20	REC - MICROWAVE	1.4	
2.5	LTG - RETAIL AREA 5	20	19	●	20	20	REC - BREAK RM SMALL APPLIANCE	1.2	
			21	●	22	20	REC - BREAK RM REFRIGERATOR	1.2	
1.9	LTG - RETAIL AREA 6	20	23	●	24	20	REC - BREAK ROOM VENDING 1	0.8	
			25	●	26	20	REC - BREAK ROOM VENDING 2	0.8	
1.5	LTG - STOCKROOM/WAREHOUSE/DOCK	20	27	●	28	20	REC - BREAK ROOM GENERAL	0.5	
			29	●	30	20	REC - GENERAL RETAIL	1.6	
0.7	LTG - M. OFFICE, BRK RM, JANITOR, HALL	20	31	●	32	20	REC - RETAIL VENDING MACHINE	0.8	
1.0	LTG - RESTROOMS	20	33	●	34	20	REC - RETAIL CLAW MACHINE	0.6	
1.0	LTG - CASH OFFICE	20	35	●	36	20	REC - EXTERIOR	0.7	
1.2	LTG - EXTERIOR	20	37	●	38	20	REC - MANAGER'S OFFICE	0.0	
0.0	LTG - EMERGENCY LIGHTING	20	39	●	40	20	AUTOMATIC DOORS	0.0	
0.0	LTG - TILE DISPLAY	20	41	●	42	20	REC - SEASONAL REGISTERS	0.0	
0.0	SPARE	20	43	●	44	20	REC - SEASONAL DISPLAY	0.0	
0.0	SPARE	20	45	●	46	20	SPARE	0.0	
0.0	SPARE	20	47	●	48	20	SPARE	0.0	
0.0	SPARE	20	49	●	50	20	SPARE	0.0	
0.0	SPARE	20	51	●	52	20	SPARE	0.0	
0.0	SPARE	20	53	●	54	20	REC - TELECOM BKBD	1.0	
CONNECTED LOAD KVA:		35.5		PANEL AMPACITY:		98.5			

BUILDING SERVICE LOAD CALCULATION			
OLLIE'S BARGAIN OUTLET			
		PHONE NUMBER	
PROJECT MANAGER:	BRIAN MITCHELL	(904) 378-8536	
PROJECT TYPE:	EXISTING BUILDING		
USE OF BUILDING:	COMMERCIAL		
ELECTRICAL UTILITY SERVICE			
☒ Commercial	☐ LG Residential	☐ Overhead	No. of Meters
☐ Undergrnd Up Pole	☐ Unmetered Main	☒ Underground 1 [EXISTING]	
SQUARE FOOTAGE OF BUILDING: 29304			
LIGHTING LOAD (VA):		3 X SQ. FT./1,000=	87.91 KVA
RECEPTACLE QTY:	28	180W DUPLEX	5040
	3	360W QUAD	1080
		RECEPTACLES/1,000=	6.12 KVA
LOADS:			
		HVAC (38.3KVA x 4 RTUs)	153.20 KVA
		WATER HEATER	5.00 KVA
		EQUIPMENT: BALER, SCISSOR LIFT, FORKLIFT CHARGER	11.00 KVA
		TOTAL:	263.23 KVA
208 /120 VOLTAGE		3 PHASE	TOTAL: 730.66 A

APPLY FOLLOWING LABEL TO FACE OF ELEC SERVICE EQUIPMENT:

VALUES BELOW ARE BASED ON THE INFINITE BUS CALCULATION FOR A 225KVA TRANSFORMER WITH A 1.5%Z.

Elec Service Equipment Available Fault Current:

24,020 Amperes

Date Calculated: 10-08-21
ERS Engineering, Inc. (904) 777-3089

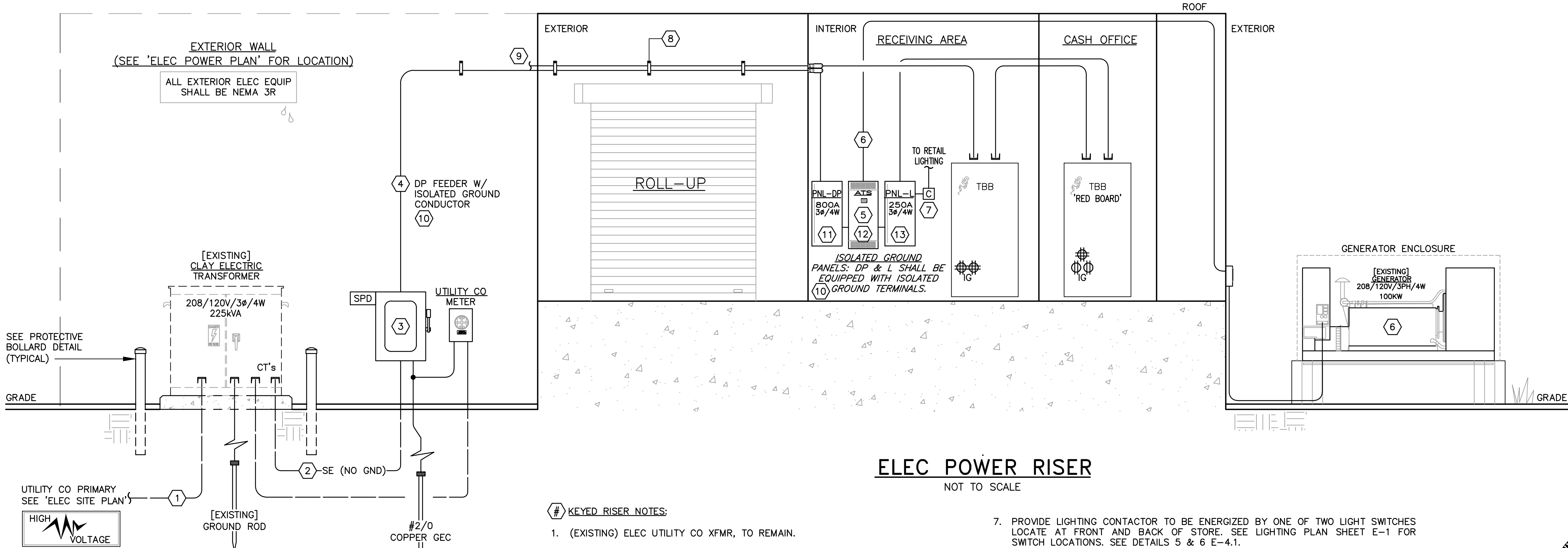
208/120V/ 3PH/ 4W/ 60HZ

800 Amperes Bus

Short Circuit Current Rating at Utility Company
Transformer is 24,020 Amperes RMS SYM

PLANS ARE DESIGNED IN ACCORDANCE WITH THE FOLLOWING CODES:
FLORIDA BUILDING CODE (FBC) & ENERGY CONSERVATION CODE
2020 - 7TH EDITION
NATIONAL ELECTRIC CODE (NEC) - 2017

- COORDINATION NOTES:
- PRIOR TO START OF ANY WORK OBTAIN WRITTEN APPROVAL FOR ELEC SITE PLAN & LOCATION OF TRANSFORMER, & CONNECTION POINT PER CLAY ELECTRIC UTILITY CO DIRECTION OF CRAIG WACHUA (386) 961-0106. PROVIDE/VERIFY (2) 4" CONDUITS W/48" RADIUS ELLS AT TRANSFORMER & SERVICE CONNECTION POINT. PROVIDE CONDUIT W/PULLWIRE AND MAINTAIN 48" MINIMUM DEPTH. CALL FOR INSPECTION BEFORE COVERING. LOCATION OF TRANSFORMER, PRIMARY AND SECONDARY CONDUIT/FEEDE(S) ARE CONTINGENT UPON ELEC UTILITY CO APPROVAL. SEE 'POWER RISER' FOR ADDITIONAL REQUIREMENTS.
 - [THE BELOW CONNECTION/COORDINATION MAYBE OVERHEAD, GC SHALL DETERMINE]
 - PRIOR TO START OF ANY WORK OBTAIN WRITTEN APPROVAL FOR LOCATION OF SERVICE CONDUITS & CONNECTION POINT PER TELEPHONE UTILITY CO DIRECTION. PROVIDE/VERIFY TELE CO REQUIREMENTS OF (2) 2" CONDUITS RUN OUT PAST PROPERTY LINE, TURNED UP AND CAPPED W/200LB PULLWIRE, SEAL ENDS TO PREVENT GAS/WATER/RODENT INTRUSION AND STAKE AT RIGHT OF WAY, 24" MINIMUM COVER, CALL FOR INSPECTION BEFORE COVERING.
- PRIOR TO START OF ANY WORK OBTAIN WRITTEN APPROVAL FOR LOCATION OF SERVICE CONDUITS & CONNECTION POINT PER CABLE UTILITY CO DIRECTION. PROVIDE/VERIFY CABLE CO REQUIREMENTS OF (2) 2" CONDUIT RUN OUT PAST PROPERTY LINE, TURNED UP AND CAPPED W/200LB PULLWIRE, SEAL ENDS TO PREVENT GAS/WATER/RODENT INTRUSION, 24" MINIMUM COVER, CALL FOR INSPECTION BEFORE COVERING.



- # KEYED RISER NOTES:
- (EXISTING) ELEC UTILITY CO XFMR, TO REMAIN.
 - SERVICE ENTRANCE (NO GND) 800A 2 SETS: 4-#500, 4"C, WITH ONE (1) 4"C SPARE, PULLWIRE & CAPPED.
 - DP MB (800A): 800A ENCLOSED CIRCUIT BREAKER - 208/120V/3ø/4W/N3R/65kAIC WITH A TYPE-1/300KA SURGE PROTECTION DEVICE (SPD)
 - DP FEEDER (800A): 2 SETS: 4-#500, #1/0G #1/0IG, 4"RGC.
 - ATS FROM PNL-DP TO PNL-L VIA 4-#250, #4G, #4IG 2.5"C.
 - [EXISTING] STAND-BY GENERATOR - BEFORE CONNECTING TO THE TENANT'S ATS, GC/EC SHALL DETERMINE IF ITS OPERATIONAL. ITS INCUMBENT ON THE EC TO EVALUATE THE CONDITION AND COORDINATE ANY SERVICES REQUIRED TO REFURBISH THE GENERATOR IN ORDER TO PROVIDE AN OPERATIONAL GENERATOR. ONCE OPERATIONAL EC SHALL CONNECT TO PNL-L (EM) VIA ATS WITH 4-#250, #4G, 2.5"C.
 - PROVIDE LIGHTING CONTACTOR TO BE ENERGIZED BY ONE OF TWO LIGHT SWITCHES LOCATE AT FRONT AND BACK OF STORE. SEE LIGHTING PLAN SHEET E-1 FOR SWITCH LOCATIONS. SEE DETAILS 5 & 6 E-4.1.
 - RIGID GALVANIZED CONDUIT (RGC) SHALL BE SECURELY FASTENED IN PLACE AND SUPPORTED AT INTERVALS IN ACCORDANCE WITH NEC 2017 ARTICLE 344.30.
 - EXISTING TELCOM SERVICE ALONG THE REAR OF THE BUILDING APPEAR TO BE ENTERING THE BUILDING OVERHEAD. GC SHALL COORDINATE WITH LOCAL TELCOM SERVICE PROVIDERS TO MEET THE REQUIREMENTS OF OLLIE'S. SEE COORDINATION NOTES THIS SHEET.
 - ISOLATED GROUND CONDUCTOR SHALL BE INSULATED A GREEN/YELLOW CONDUCTOR.
 - PANEL-DP: 800A MLO PANELBOARD - 208/120V/3ø/4W/N1/42k AIC WITH ISOLATED GROUND TERMINAL.
 - ATS: 250A/3-POLE/N1/42k MIN AIC.
 - PANEL-L: 250A MLO PANELBOARD - 208/120V/3ø/4W/N1/42k AIC WITH ISOLATED GROUND TERMINAL.

ERS ENGINEERING INC
5775 Timquana Road
Jacksonville, Florida 32210
Engineering: 904-777-3089
FAX: 904-777-3089
CONSULTANT

GEORGE M. POINT IV, P.E.
FL LICENSE: 72404

Ollie's Bargain Outlet
1445 SW Main Blvd.
Lake City, Florida 32025

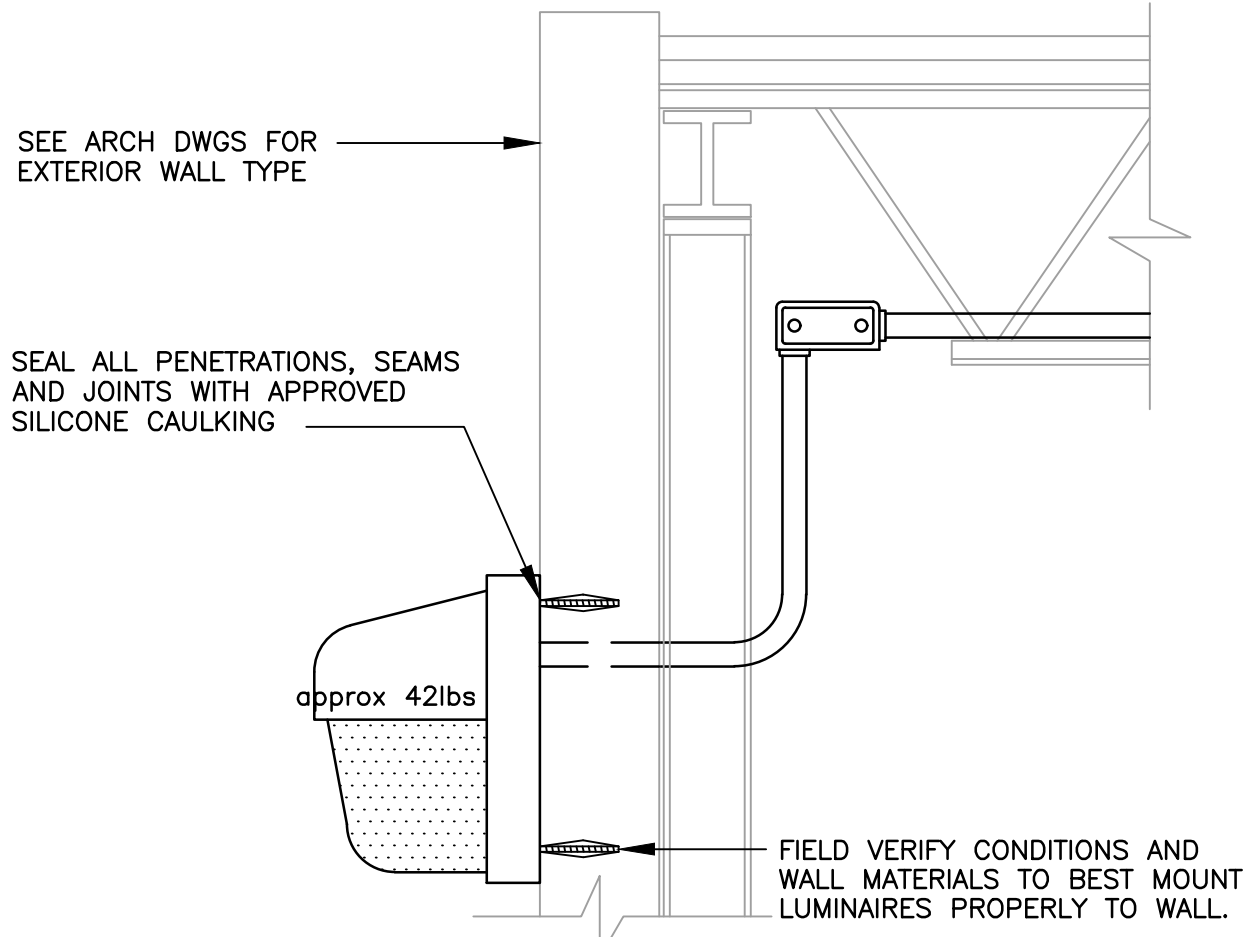
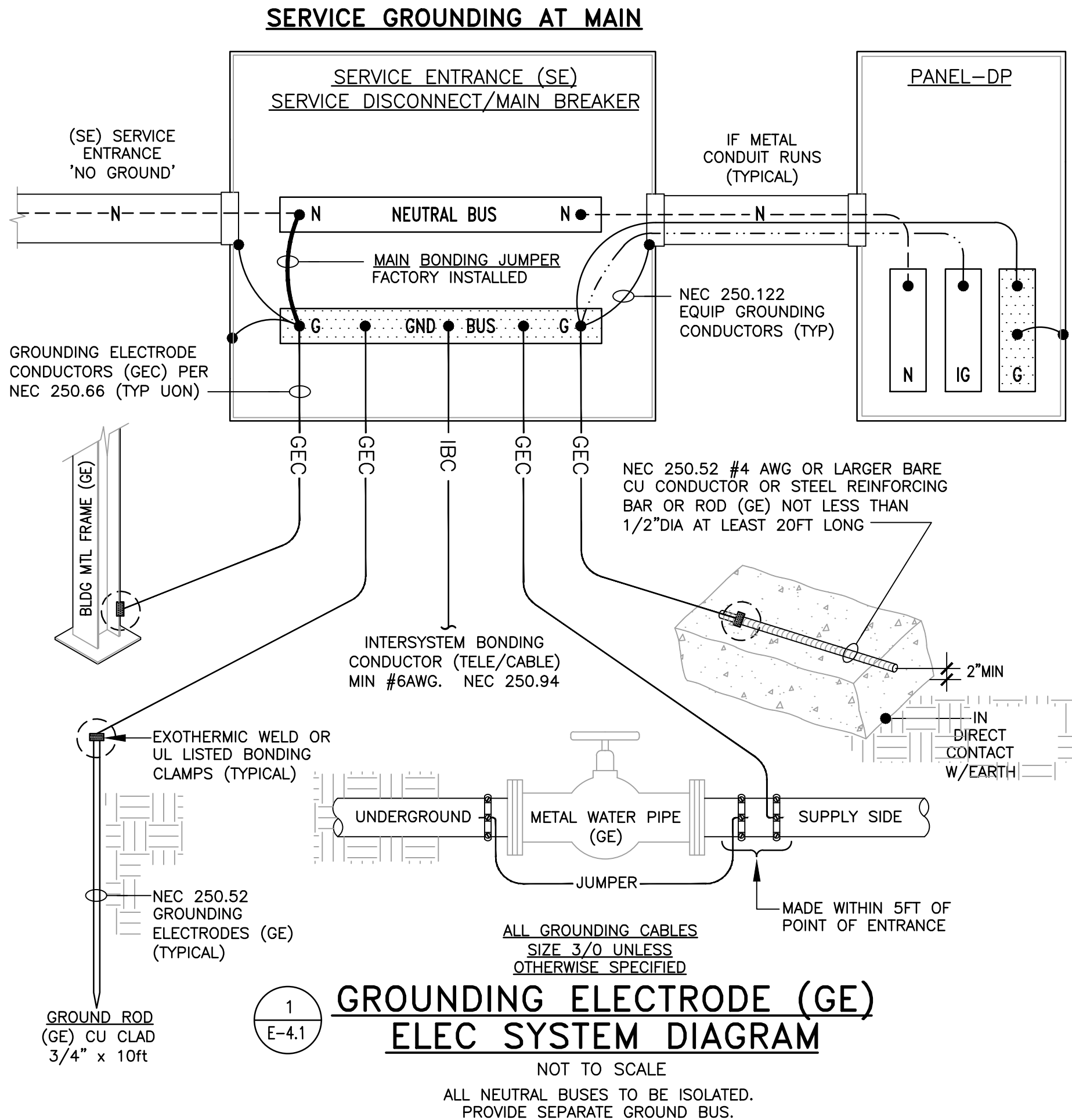
John Reep Architect
Florida AR 0014860
5703 Lake Lucia Dr. N. Jacksonville, Fla. 32211
(904) 704-9154
ArchitectJax@gmail.com

IF DIGITALLY SEALED, THE SEAL APPLIES TO THIS DRAWING INDEX IN ACCORDANCE WITH FLORIDA STATUTE 6101-16.003(2).
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY JOHN REEP, ARCHITECT ON SIGNATURE.
Encrypted Digital Seal

GEORGE MAXWELL POINT IV
LICENSED
No. 72404
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Do Not Scale The Drawings
2th Revision
4th Revision
3rd Revision
2nd Revision
1st Revision
Issue Date October 26, 2021
Project Number 21-033-007
PANEL SCHEDULES & POWER RISER

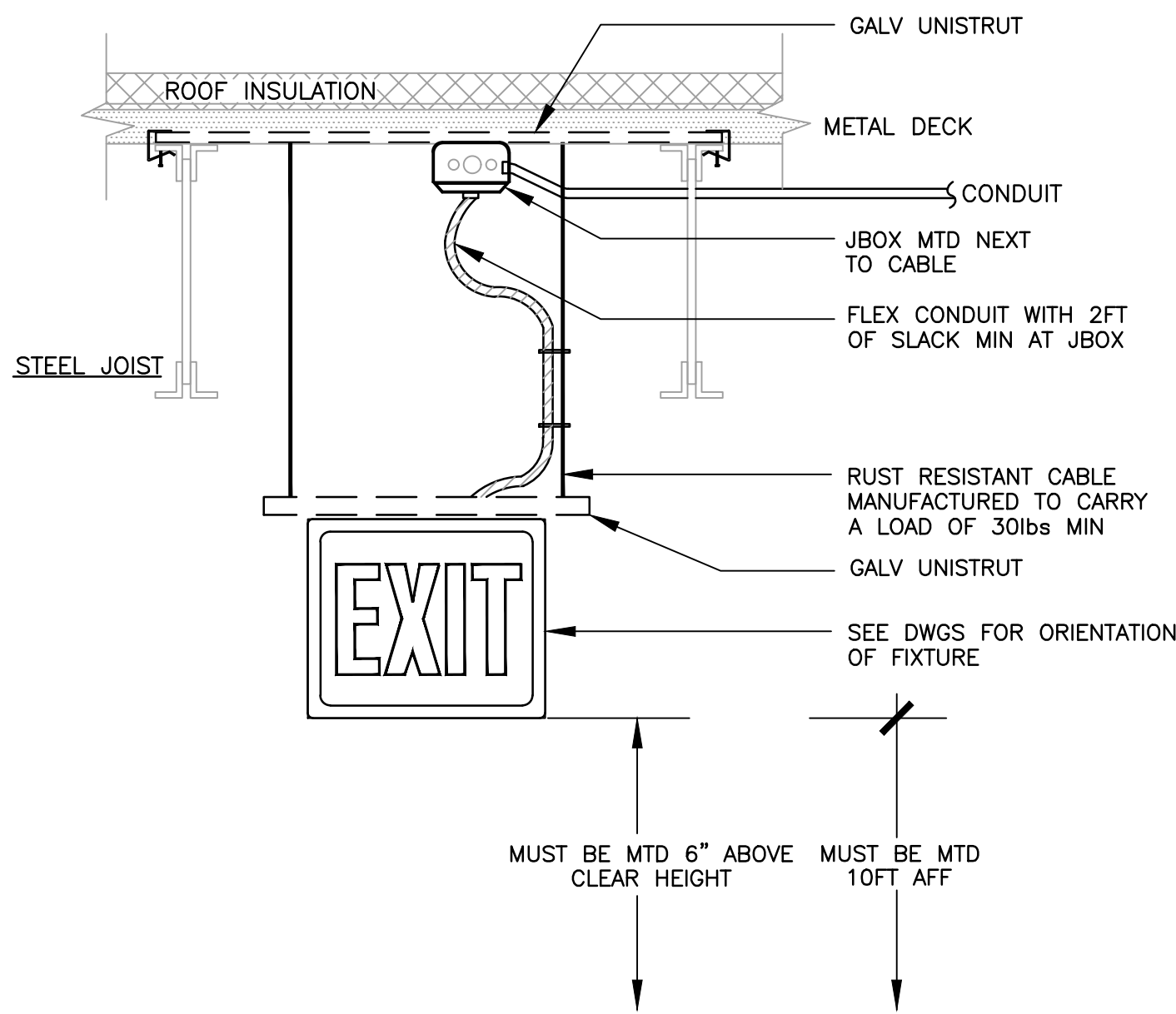
E-3



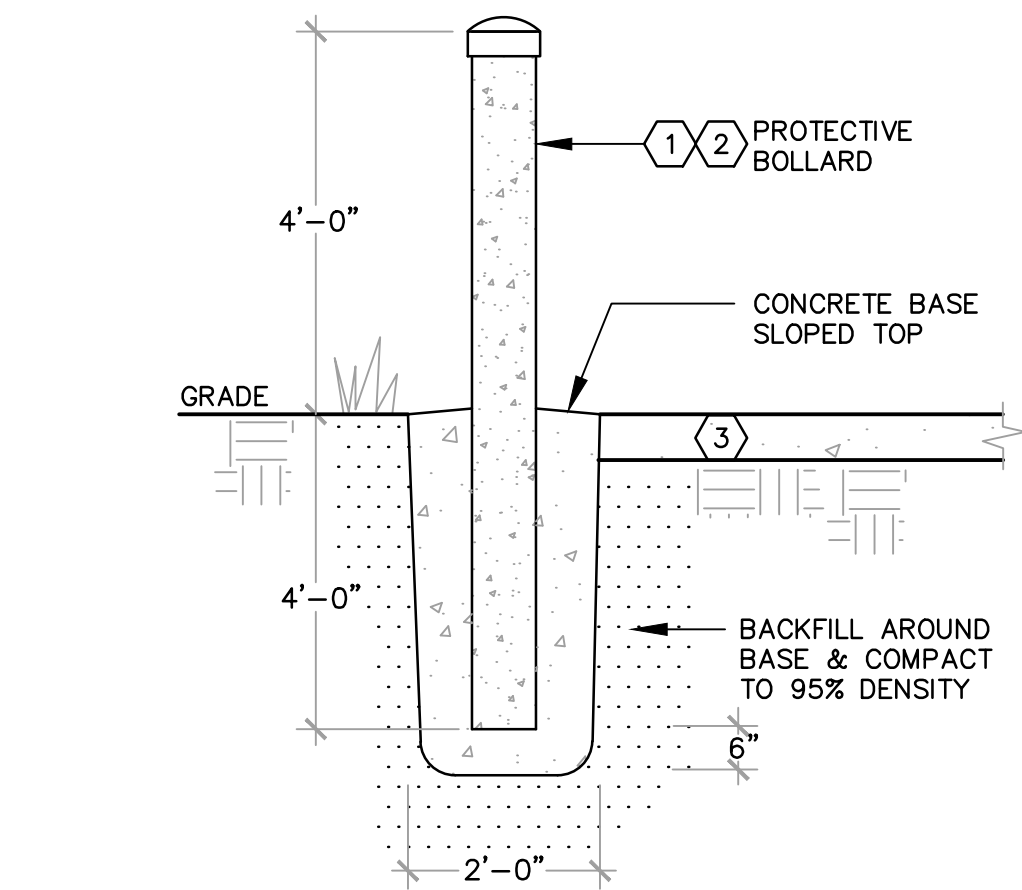
2
E-4.1
**EXTERIOR BUILDING MOUNTED
WALL-PACK FIXTURE DETAIL**
NOT TO SCALE

WALLPACK DETAIL NOTES:

1. COORDINATE EXACT LOCATION VERTICALLY AND HORIZONTALLY WITH ARCHITECTURAL ELEVATIONS AND ANY (EXISTING) LIGHTING.



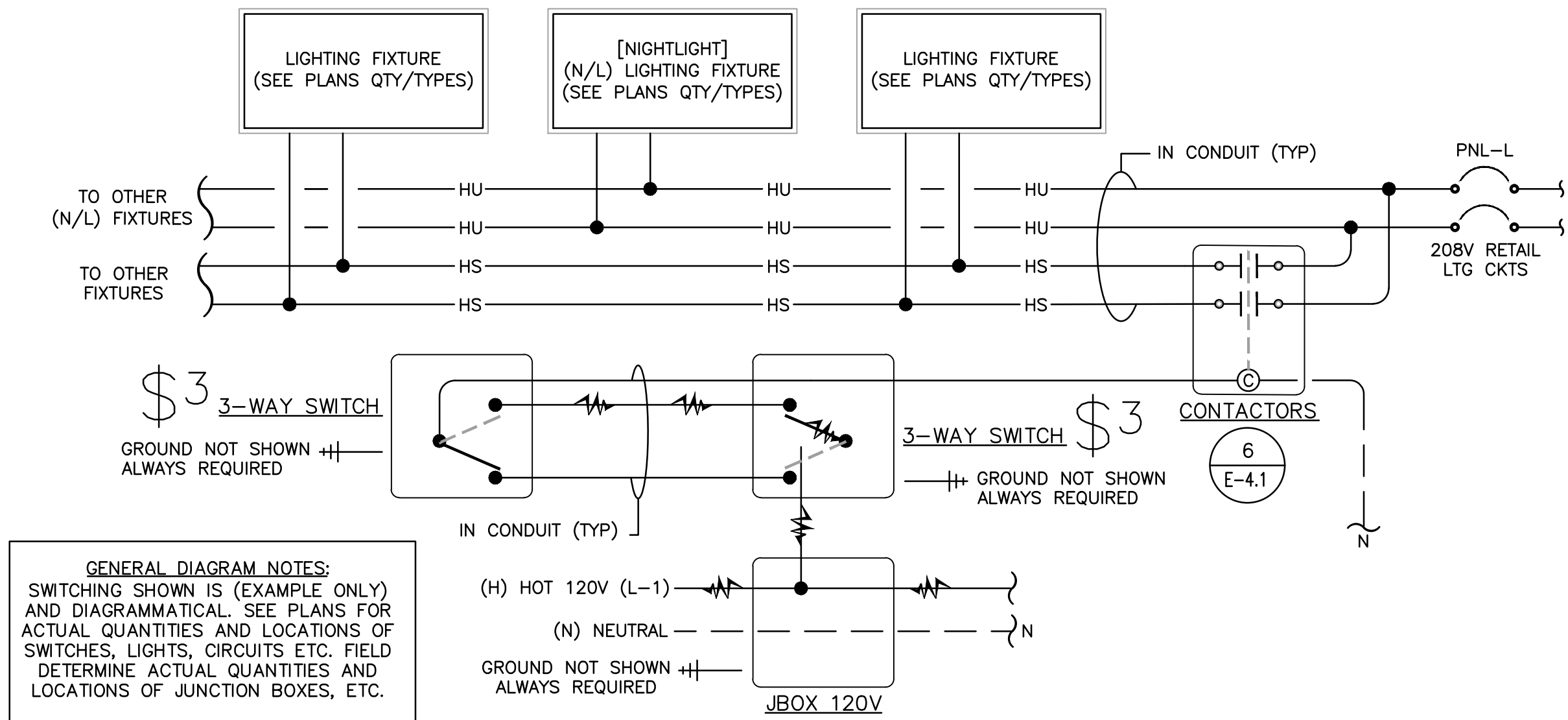
3
E-4.1
SUSPENDED EXIT SIGN MTG DETAIL
NOT TO SCALE



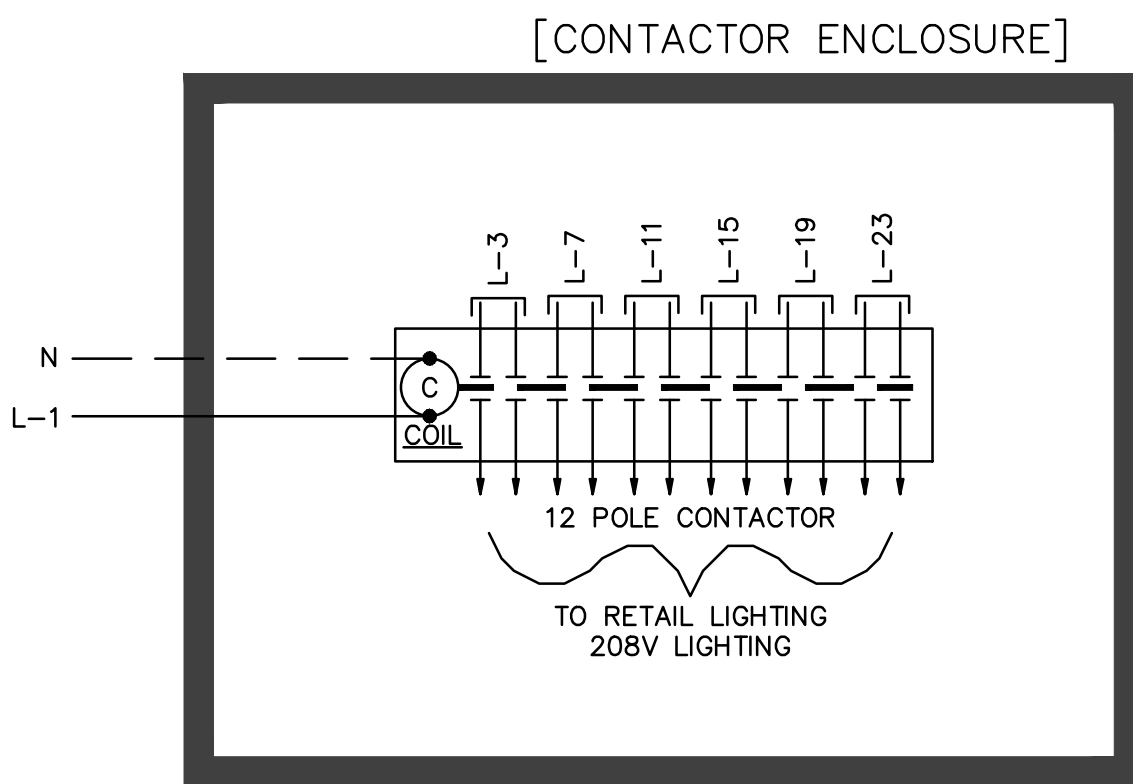
4
E-4.1
PROTECTIVE BOLLARD DETAIL
NOT TO SCALE

BOLLARD DETAIL NOTES:

1. PROTECTIVE 6" DIAMETER GALVANIZED STEEL POST BOLLARD SHALL BE CONCRETE FILLED AND CAP. THEN PAINT SAFETY FDOT YELLOW WITH 2 COATS.
2. FIELD VERIFY CONDITIONS (CONCRETE, SOD, ETC) AND INSTALL BOLLARD AS REQUIRED.



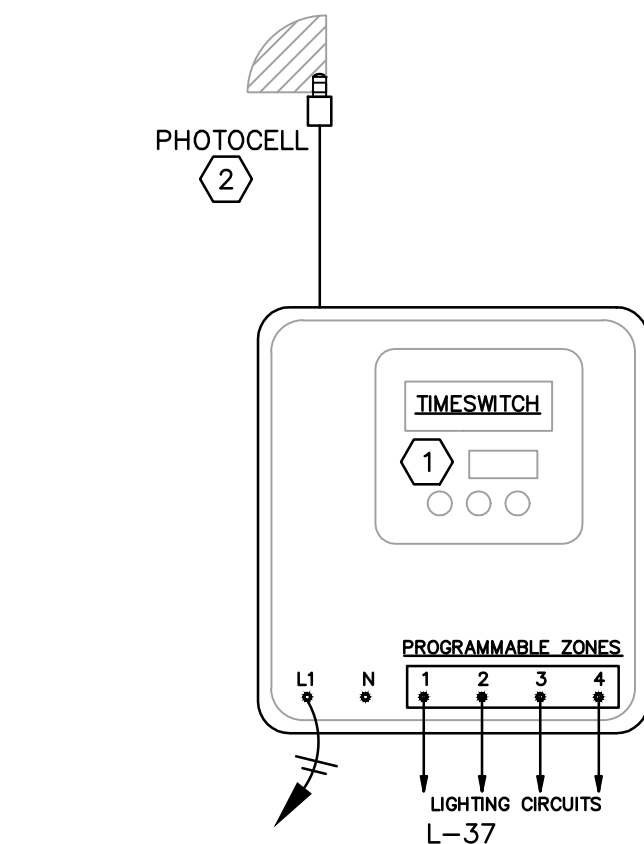
5
E-4.1
**208V LGT CONTACTOR
SWITCHING DIAGRAM**
NOT TO SCALE



6
E-4.1
LIGHTING CONTACTOR DIAGRAM
NOT TO SCALE

CONTACTOR DIAGRAM NOTES:

1. LIGHTING CONTACTOR: 12 POLES WITH 120V RELAY CONTROL VOLTAGE.



7
E-4.1
TIMESWITCH DIAGRAM
NOT TO SCALE

DIAGRAM NOTES:

1. PROVIDE FOUR ZONE PROGRAMMABLE TIMESWITCH TYPE INTERMATIC #ET70415CR OR APPROVED EQUAL. TIMESWITCH SHALL BE PROGRAMMED FOR 10 HOURS OF OPERATION BEFORE AUTOMATIC SHUT-OFF. OWNER TO VERIFY TIME SCHEDULE (EXAMPLE TIME: 8:00PM - 6:00AM)
2. PROGRAM OVERRIDE TO TURN BUILDING LIGHTS ON WHEN PHOTOCELL SEES DARKNESS.



BACKBOARD RISER NOTES:

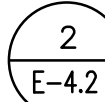
1. (TBB) AND (CATV) BACKBOARDS SHALL BE PLYWOOD 4"x8"x3/4" W/FIRE RETARDANT PAINT ON ALL 6 SIDES.
2. PROVIDE JBOX AND HARDWARE TO NONMETALLIC PLUGMOLD RACEWAY 4FT WITH 4 DUPLEX RECEPIS, WIREMOLD #NM20GB412 OR APPROVED EQUAL.
3. TELECOM COMPANIES EQUIPMENT.
4. SECURE TO WALL WITH ANCHOR BOLT & 1" WASHER (TYP).
5. GROUNDING BAR WITH 5FT COILED #6AWG GREEN INSULATED CONDUCTOR IN FOR COMMUNICATIONS CO CONNECTION TO GROUND.
6. BOND #6AWG GREEN INSULATED CONDUCTOR IN 1/2"C TO SERVICE ENTRANCE ELEC SYSTEM GROUND.
7. 2- 4"PVC TO TELEPHONE CO SERVICE CONNECTION POINT. SEE 'ELEC SITE PLAN'.
8. 1- 4"PVC TO CABLE CO SERVICE CONNECTION POINT. SEE 'ELEC SITE PLAN'.
9. PROVIDE CABLE MANAGEMENT AS REQUIRED.



NOT TO SCALE

 EWC DETAIL NOTES:

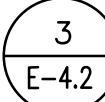
1. PRIOR TO ROUGH-IN FIELD VERIFY & COORDINATE EWC LOCATION/ HEIGHT TO BE INSTALLED. PROVIDE GFI RECEPTACLE IN LOCATION TO BE CONCEALED BEHIND EQUIPMENT COVER.



NOT TO SCALE

DETAIL NOTES

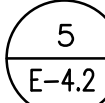
1. PROVIDE PWR/COMM POLE WIREMOLD #25DTC OR APPROVED EQUAL. NOTE THAT FIELD VERIFICATION OF CEILING HEIGHT SHALL DICTATE COMM/PWR POLE DIMENSION.
2. CASH REGISTER STATION. COORDINATE DEVICE AND FIXTURE LOCATIONS WITH TENANT.
3. DATA TO BE ROUTED TO REGISTER DATA RECEPTACLE. EC SHALL COORDINATE EXACT ROUTING AND RECEPTACLE LOCATION WITH TENANT PRIOR TO INSTALLATION. POWER POLE- COMMUNICATIONS WIREWAY CAPACITY IS A MAXIMUM OF (30) CATEGORY 6 CABLES. SECURE WITH SPLIT SLEEVE CORRUGATED TUBING.
4. POWER POLE- POWER WIREWAY CAPACITY IS A MAXIMUM OF (16) #10AWG CONDUCTORS. PROVIDE ELBOWS/FITTINGS/FLEX CONDUIT AS REQUIRED.
5. EC SHALL MOUNT VAPORTIGHT (FREEZER) LIGHTING FIXTURE TO POWER POLE 48" ABOVE COUNTER TOP. COORDINATE FINAL FIXTURE TYPE, AND ORIENTATION WITH TENANT PRIOR TO INSTALLATION.
6. EC SHALL INSTALL SWITCH FOR OPIN REGISTER LIGHT 12" ABOVE COUNTER TOP.



NOT TO SCALE

FIRE ALARM RISER NOTES:

1. FIRE ALARM RISER IS DIAGRAMMATICAL ONLY. MONITORED DEVICES SHOWN ON DRAWINGS ARE A MINIMUM REQUIREMENT. FIRE MARSHALL HAVING JURISDICTION SHALL DICTATE FINAL QUANTITIES AND LOCATIONS OF ALL DEVICES. MAKE A PROVISION FOR ADDITIONAL DEVICES.
2. NFPA 72 : FAC EQUIPMENT SHALL BE CONSTRUCTED AND INSTALLED IN CONFORMITY WITH THIS CODE SHALL BE LISTED FOR THE PURPOSE FOR WHICH IT IS USED. EQUIPMENT SHALL BE DESIGNED SO THAT IT IS CAPABLE OF PERFORMING ITS INTENDED FUNCTIONS AT CODE SPECIFIED VOLTAGE/TEMPERATURE/HUMIDITY. FIRE ALARM SYSTEM SHALL BE ADDRESSABLE WITH CLASS A PATHWAY AND A SURVIVABILITY OF 1.
3. COORDINATE FINAL LOCATION & QUANTITY OF TAMPER & FLOW SWITCHES WITH FIRE SPRINKLER PROTECTION DRAWINGS.
4. NFPA 90A.6.4 HVAC UNITS DUCT SMOKE DETECTORS (24V) SHALL BE PROVIDED TO AND INSTALLED BY MECH CONTRACTOR WITH REMOTE INDICATOR LIGHT AND RESET INDEPENDENT OF FIRE SPRINKLER COMMUNICATOR. PROVIDE MECH CONTRACTOR WITH FA RELAY TO SHUT UNIT DOWN IF FIRE ALARM PANEL DETECTS AN ALARM IN ANOTHER PORTION OF THE BUILDING SYSTEM.
5. ALARM AUDIBLE DEVICE SHALL BE LOCATED ON STREET SIDE OF BLDG & MOUNTED 8FT AFG.
6. TO OPERATIONAL INTEGRITY, THE FIRE ALARM SYSTEM SHALL HAVE AN APPROVED MAINTENANCE AND TESTING PROGRAM COMPLYING WITH THE APPLICABLE REQUIREMENTS.



NOT TO SCALE

DEVICE MTG RISER NOTES

1. EXIT SIGN WALL/CEILING MOUNTING ABOVE DOORS SHALL BE INSTALLED NEAR TOP OF DOORS TO MAXIMIZE VIEWING, FIELD VERIFY FINAL DOOR/CEILING HEIGHTS AND EXIT SIGN INSTALLATION AND PROVIDE AS REQUIRED PER NFPA.
2. INSTALL ALL HORN/STROBE FA DEVICES TIGHT TO DOOR JAMBS ABOVE SWITCH(ES).
3. WHERE LIGHT SWITCH(ES) OR MULTI-OUTLETS (TELE/DATA/PWR) ARE LOCATED NEXT TO EACH OTHER THEY SHALL BE GANGED & SHARE A COMMON FACEPLATE (TYP). ALL DEVICE FACEPLATES SHALL BE INSTALLED PLUMB AND SQUARE TO BUILDING LINES. ALL OUT-OF-PLUMB (OR) OUT-OF-SQUARE DEVICES SHALL BE REWORKED AT NO EXPENSE TO OWNER.
4. ALL ABOVE COUNTER OUTLETS SHALL BE INSTALLED ABOVE BACKSPASHES. REFER TO ARCH ELEVATIONS/MILLWORK PLANS AND COORDINATE LOCATION WITH ALL OTHER DISCIPLINES PRIOR TO ROUGH-IN.
5. ALL 'COMMERCIAL WAREHOUSE AREAS' REQUIRE STAINLESS STEEL METAL FACEPLATES FOR POWER/TELECOM OUTLETS THAT ARE NOT INSIDE CABINetry.
6. SUSPENDED EXIT SIGN SHALL BE MOUNTED 10'AFF.

ROOFTOP AIR CONDITIONER SCHEDULE																			
PLAN SYMBOL	SERVICE	NOMINAL CAPACITY TONS	SUPPLY CFM	HGRH	OA CFM	ESP	FAN HP/BHP	GROSS CAPACITY TOTAL/SENS MBH	EAT DB/ WB	LAT DB/ WB	ROWS/ FINS	COIL AREA (SQFT)	REFRIG CAPACITY CONTROL	ELECT HEAT KW	VOLTAGE/ PHASE	MCA/ MOCp	IEER/EER	WEIGHT (LBS)	MANUF/MODEL
RTU-1, 2, 3, 4	OLLIE'S	25.0	8750	NO	1300	1"	10/6.4	276.6/212.4	78.0/ 65.0	54.6/ 54.0	--/--	--	2 STEPS	30.0	208/3	137/150	11.6/10.5	2359	LENNOX KCB300S4B
ELECTRICAL NOTE: 208/3/60																			
NOTES:																			
1. MINIMUM WARRANTY: 1 YEAR PARTS AND LABOR/5 YEARS COMPRESSOR/10 YEAR WARRANTY EVAPORATOR AND CONDENSER COILS																			
2. INCLUDE OA INTAKE HOOD & MOTORIZED OA DAMPER. DAMPER SHALL BE CLOSED WHEN IN UNOCCUPIED MODE OR STORE CLOSED HOURS.																			
3. 2-SPEED (OR VFD DRIVEN) SUPPLY AIR FAN																			
4. NEW UNITS SHALL BE SET ATOP EXISTING ROOF CURBS. ADAPTER CURBS ARE REQUIRED TO TRANSITION FROM NEW UNIT TO EXISTING CURB.																			
5. UPGRADE TO ROOFTOP UNITS WITH HGRH HIGHLY RECOMMENDED BY EOR. PROVIDE OWNER WITH OPTIONAL UPGRADE COST TO USE VOYAGER UNIT AND EXPLAIN TO OWNER THE BENEFITS OF IMPROVED HUMIDITY CONTROL.																			
6. DUCT-MOUNTED SMOKE DETECTOR THAT DIRECTLY DISABLES SUPPLY FAN AND ALSO SIGNALS FIRE ALARM REQUIRED.																			
7. NEW FILTERS MUST BE INSTALLED 2 WEEKS PRIOR TO TENANTS POSSESSION DATE																			
8. THERMOSTATS ARE TO BE CONTROLLED THROUGH AN ENERGY MANAGEMENT SYSTEM, SEE NOTE 9 THIS SHEET. THERMOSTATS INCLUDE LOCK BOXES.																			

FAN SCHEDULE													
PLAN SYMBOL	LOCATION / SERVICE	FAN TYPE	DRIVE TYPE	CFM @ IN W.G.	SONES @0.25" PS	MOTOR HP	VOLTAGE /PHASE	ROOF CURB	ROOF CAP	WALL CAP	WEIGHT (LBS.)	BASIS OF DESIGN	NOTES
EF-1	ROOFTOP / RESTROOM BREAKROOM JANITOR EXHAUST	B	DIRECT	500 CFM @0.250 IN W.G.	8.0	1/4	120/1	YES	N/A	N/A	66	GREENHECK G-098 VARI-GREEN	1,2,3,4,6,7
NOTES:	1. INTERLOCK WITH TIMELOCK OR INTERLOCK WITH RTU-1 OPERATION. 2. TO AVOID NEW ROOF PENETRATION UTILIZE EXISTING ROOF CURB. 3. INCLUDE ADAPTOR CURB TO TRANSITION FROM NEW FAN TO EXISTING CURB 4. INCLUDE BACKDRAFT DAMPER 5. INCLUDE VARI-GREEN CONTROLLER OR ALTERNATIVE SOLID STATE SPEED CONTROL 6. SOLID STATE MANUAL SPEED CONTROLLER FOR BALANCING DIRECT DRIVE FANS 7. MINIMUM WARRANTY: 1 YEAR PARTS AND LABOR					FAN TYPE A=CEILING RECESSED, SWITCH OPERATED, CENTRIFUGAL. FAN TYPE B=ROOFTOP DOWNBLAST CENTRIFUGAL. FAN TYPE C=WALL PROPELLER FAN.							

ASHRAE 62.1 VENTILATION CALCULATION												
UNIT TAG	AREA SERVED	GROSS AREA SQFT	RA CFM PER SQFT	AREA VENTILATION CFM	RP CFM PER PERSON	ROOM OCCUPANTS	OCCUPANT VENTILATION CFM	TOTAL VENTILATION	ZONE VENTILATION EFFECTIVENESS	TOTAL VENTILATION REQUIRED	ACTUAL VENTILATION AT UNIT	NOTES
RTU—1	SALES FLOOR	6113	0.12	733.6	7.5	17	127.5	861.1	0.80	1076.3	1300	
	BREAKROOM	304	0.18	54.7	7.5	4	30.0	84.7	0.80	105.9		
	OFFICE	120	0.06	7.2	5	1	5.0	12.2	0.80	15.3		
	HALL	110	0.06	6.6	0	0	0.0	6.6	0.80	8.2		
RTU—2	SALES FLOOR	7326	0.12	879.1	7.5	20	150.0	1029.1	0.80	1286.4	1300	
RTU—3	SALES FLOOR	7326	0.12	879.1	5	3	15.0	894.1	0.80	1117.7	1300	
	STORAGE NATURAL VENTILATION VIA OPENABLE ROLLUP DOORS, MANDOORS, & WINDOWS											
RTU—4	SALES FLOOR	7206	0.12	864.7	7.5	20	150.0	1014.7	0.80	1268.4	1300	
	CASH	120	0.06	7.2	5	1	5.0	12.2	0.80	15.3		
NOTE 1: --												

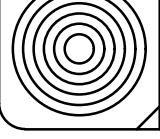
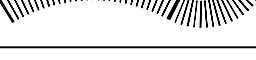
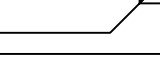
DIFFUSER REGISTER & GRILLE SCHEDULE					
PLAN SYMBOL	DEVICE DESCRIPTION	OPPOSED BLADE DAMPER INCLUDED	NECK SHAPE	COLOR	CEILING TYPE
A	24x24 SQUARE PLAQUE DIFFUSER MATERIAL ALUMINUM 360° RADIAL HORIZ. AIR FLOW PATTERN FACTORY MOLDED INSULATION BACKING BASIS OF DESIGN PRICE ASPD	YES	ROUND	CONSULT ARCHITECT	LAY-IN GRID
B	12x12 SQUARE PLAQUE DIFFUSER MATERIAL ALUMINUM 360° RADIAL HORIZ. AIR FLOW PATTERN FACTORY MOLDED INSULATION BACKING BASIS OF DESIGN PRICE ASPD	YES	ROUND	CONSULT ARCHITECT	LAY-IN GRID
R	CEILING EGGCRATE RETURN GRILLE ALUM. GRID & FRAME PLENUM RETURN 1/2"x1/2"x1/2" RECT NECK MATERIAL STEEL OR ALUMINUM BASIS OF DESIGN PRICE 80	NONE	RECTANGLE	CONSULT ARCHITECT	LAY-IN GRID
S	CONCENTRIC 4-SIDED SPECIALTY SUPPLY DIFFUSER. SIZED BY RUSKIN REPRESENTATIVE FOR APPROPRIATE THROW AND CFM. RUSKIN 575 DRUM RRS, SEE DETAIL ON SHEET M-5	YES	RECTANGLE	CONSULT ARCHITECT	NO CEILING

DUCT CONSTRUCTION CRITERIA					
APPLICATION	MATERIAL	MINIMUM THICKNESS	DUCT CLASS	INSULATION	
				CONCEALED	LAST 5 FEET
SUPPLY DUCTS	GALV. STEEL DOUBLE WALLED	1.5"	1" WG	BETWEEN INNER AND OUTER WALL R-4.5	N/A
RETURN DUCTS	GALV. STEEL	26 GAUGE	1/2" WG	NONE	N/A
OA OR VENTILATION DUCTS	GALV. STEEL	26 GAUGE	1/2" WG	R-6	N/A
EXHAUST DUCTS	GALV. STEEL	26 GAUGE	1/2" WG	NONE	R-4.2
NOTES: 1. FLEXIBLE DUCT SHALL BE R-6 WITH FSK. LIMITED USE OF FLEXIBLE DUCTS TO CONCEALED ABOVE OFFICE CEILINGS. 2. "LAST 5 FEET" REFERS TO LAST FIVE FEET OF DUCT BEFORE IT REACHES EXTERIOR WALL.					

WALL LOUVER SCHEDULE									
LOUVER TAG	NOMINAL SIZE	DESIGN CFM	FREE AREA	VELOCITY ACROSS FREE AREA	BIRD SCREEN	INSECT SCREEN	BACKDRAFT DAMPER	MOTORIZED DAMPER	MODEL
L-1	42x36	5000	5	1,000	Y	N	Y	N	RUSKIN ELF375DX
DRAINABLE EXTRUDED ALUMINUM WITH KYNAR 500 FINISH									

GENERAL NOTES	
1.	ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH FLORIDA BUILDING CODE 7TH EDITION 2020 - MECHANICAL VOLUME. AND NFPA 90A-2018 AND NFPA 90B-2018. WHERE CONFLICTS OCCUR BETWEEN CODES THE MOST RESTRICTIVE REQUIREMENTS SHALL GOVERN. CONTRACTOR IS RESPONSIBLE FOR COMPLETING AND SUBMITTING ALL NECESSARY APPLICATIONS TO RECEIVE NECESSARY PERMITS FROM THE COUNTY (OR APPROPRIATE AUTHORITY HAVING JURISDICTION). CONTRACTOR IS RESPONSIBLE FOR ALL FEES AND RELATED COSTS ASSOCIATED WITH OBTAINING PERMITS. RELATED COSTS ARE TO INCLUDE BUT ARE NOT LIMITED TO ANY MILEAGE, TRAVEL COSTS, COURIER COSTS, POSTAGE, REPRODUCTION COSTS, ETC.
2.	ALL EQUIPMENT AND MATERIALS SHALL BE NEW AND SHALL BE EQUAL IN QUALITY, TYPE, CAPACITY, EFFICIENCY AND ACCESSORIES TO THE EQUIPMENT NOTED ON THE DRAWINGS. ADJUSTMENTS TO CONSTRUCTION AND ACCESSORIES ON SUBSTITUTED EQUIPMENT MAY BE REQUIRED TO ACHIEVE THIS EQUALITY, AND SHALL BE INCLUDED AT NO EXTRA COST TO THE OWNER. MAKE ANY CHANGES IN DUCTWORK, PIPING, FRAMING, ETC., AS REQUIRED TO ACCOMMODATE SUBSTITUTED EQUIPMENT.
3.	DEMOLITION: ALL HVAC EQUIPMENT SHALL BE REMOVED. ALL ROOFTOP EQUIPMENT SHALL BE REMOVED. ALL HVAC EQUIPMENT BELOW THE ROOF SHALL BE REMOVED. APPLIES TO BUT NOT LIMITED TO AIR HANDLERS, FAN COIL UNITS, HEATERS, DUCTS, REFRIGERANT PIPING, DUCT INSULATION, DAMPERS, REGISTERS, DIFFUSERS, GRILLES, ROOFTOP UNITS, ROOFTOP FANS, CONDENSING UNITS, HEAT PUMPS, ETC.
4.	ROOF CURBS TO REMAIN. AFTER EQUIPMENT IS REMOVED FROM ROOF CURBS SHALL BE CAPPED WITH GALVANIZED STEEL G90 SHEET METAL REINFORCED WITH 2" UNISTRUT AT NO MORE THAN 48" O.C. WITH UNISTRUT IN PLACE AND BEFORE INSTALLING SHEET METAL CAP. INSTALL R-19 INSULATION. SECURE SHEET METAL CAP TO CURB WITH #10 3" SCREWS AT NO MORE THAN 30" O.C. MINIMUM TWO PER SIDE. AT LEAST ONE SCREW WITHIN 12" OF CORNERS.
5.	ROOFCURBS TO BE REUSED. FOR NEW RTU AN ADAPTOR CURB IS REQUIRED. UTILIZE EXISTING ROOF CURB THEN MOUNT ADAPTOR CURB ATOP IT AND SET UNIT. CUSTOM FABRICATED ADAPTOR CURB TO BE MADE BASED ON MEASUREMENT MADE BY MECHANICAL CONTRACTOR.
6.	ROOFTOP UNITS WILL REQUIRE DUCT-MOUNTED SMOKE DETECTORS.
7.	AIR DEVICES (REGISTERS AND DIFFUSERS) SHALL BE ALUMINUM. RETURN GRILLES SHALL BE ALUMINUM OR WITH OWNERS APPROVAL CAN BE PAINTED STEEL.
8.	ALL NEW HVAC TO BE INSTALLED SHALL CARRY THE FOLLOWING MINIMUM WARRANTY. 1 YEAR PARTS AND LABOR/5 YEARS COMPRESSOR/10 YEAR WARRANTY HEAT EXCHANGER (CONDENSER AND EVAPORATOR COIL).
9.	THERMOSTATS ARE TO BE CONTROLLED THROUGH AN ENERGY MANAGEMENT SYSTEM. THE LANDLORD SHALL PURCHASE AND INSTALL THIS SYSTEM FROM RIDDLEBERGER BROTHERS, INC. CONTACT WAYNE GIBSON OR ROBIN KISER AT 1-866-724-7378 TO PURCHASE SYSTEM. SEE M-4. THERMOSTATS SHALL HAVE LOCKING COVERS.
10.	ENGINEER RECOMMENDS THAT ROOFTOP A/C UNITS INCLUDE HOT-GAS REHEAT (HGRH) THIS WILL ALLOW THE UNIT TO KEEP A CONSISTENT LEAVING AIR TEMP OFF THE COIL BELOW 55 F WHICH ASSURES MOISTURE IS WRUNG OUT OF THE AIR EVEN WHILE THE BUILDING'S COOLING DEMAND IS REDUCED SUCH AS RAINY AFTERNOONS. THIS IS NOT A REQUIREMENT BUT A RECOMMENDATION.
11.	NEW FILTERS MUST BE INSTALLED 2 WEEKS PRIOR TO TENANTS POSSESSION DATE

ABBREVIATIONS	
AC	AIR CONDITIONER
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
BAS	BUILDING AUTOMATION SYSTEM
CALC	CALCULATION
CLG	CEILING
CPT	CONTROL POWER TRANSFORMER
CU	CONDENSER UNIT
DISC	DISCONNECT
EF	EXHAUST FAN
ELEC	ELECTRICAL
ENCL	ENCLOSED
LTG	LIGHT / LIGHTING
MCA	MINIMUM CIRCUIT AMPACITY
MOCp	MAXIMUM OVERCURRENT PROTECTION
N/A	NOT APPLICABLE
N/C	NORMALLY CLOSED
N/O	NORMALLY OPEN
NIC	NOT IN CONTRACT
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELEC MANUFACTURERS ASSOCIATION
PWR	POWER
REV	REVISION
RTU	ROOF TOP UNIT
SOS	SCOPE OF SERVICES
SOW	SCOPE OF WORK
SPECS	SPECIFICATIONS
TBD	TO BE DETERMINED
UON	UNLESS OTHERWISE NOTED
V	VOLTAGE
VFD	VARIABLE FREQUENCY DRIVE

MECHANICAL LEGEND	
SYMBOL	DESCRIPTION
	SUPPLY AIR REGISTER
	RETURN AIR GRILLE
	EXHAUST AIR GRILLE
	24X24 DIFFUSER WITH ROUND NECK
	24X24 RETURN AIR GRILLE WITH ROUND NECK
	CONDENSING UNIT OR HEAT PUMP UNIT
	FLEXIBLE INSULATED DUCT
	THERMOSTAT
	WALL CAP FOR EXHAUST OR INTAKE DUCT
	AIRFLOW DIRECTION ARROW
	FIRE DAMPER
	SMOKE DAMPER
REVISIONS/ADDITIONS	

DRAWING INDEX	
NUMBER	DESCRIPTION
M-1	MECH. NOTES & SCHEDULES
M-2	MECH. DEMOLITION PLAN
M-3	MECH. FLOOR PLAN
M-4	MECH. ROOF PLAN
M-5	MECH. DETAILS

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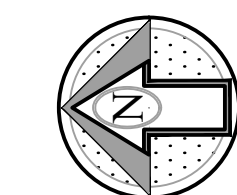
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No. 51527
STATE OF FLORIDA

Do Not Scale The Drawings

5th Revision	
4th Revision	
3rd Revision	
2nd Revision	
1st Revision	
Issue Date	October 26, 2021
Project Number	21-033-007

MECH. NOTES & SCHEDULES

M-1

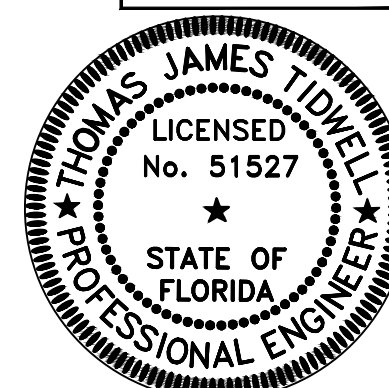


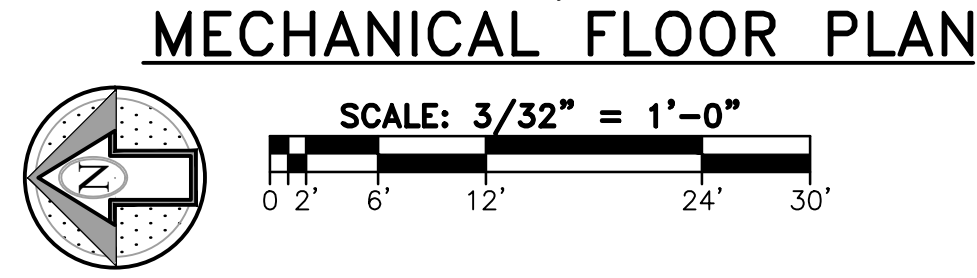
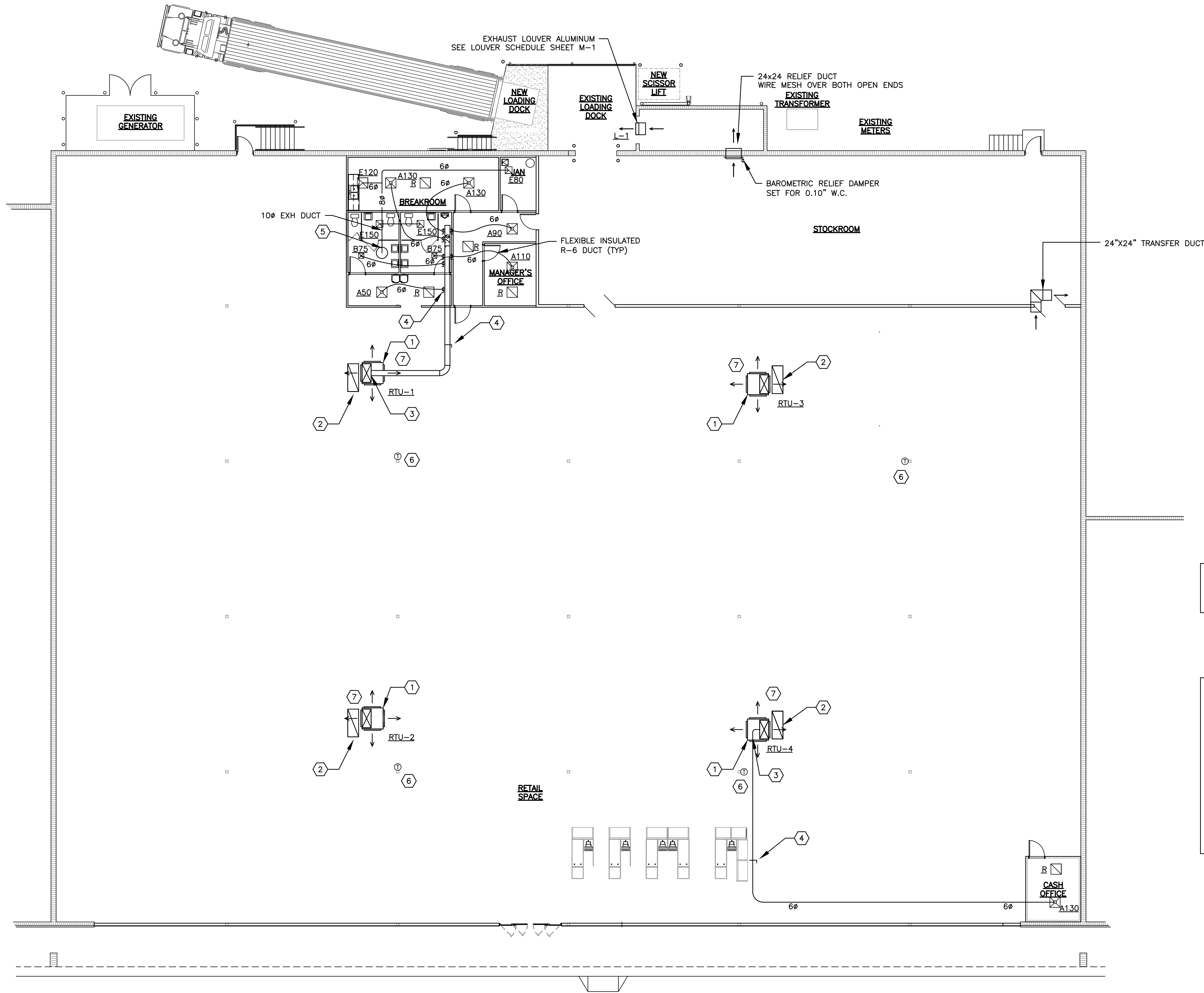
SCALE: $3/32" = 1'-0"$

 KEYED PLAN NOTES

1. LARGE EXISTING EQUIPMENT CURB TO REMAIN. REMOVE EQUIPMENT ON TOP OF CURB. CURB TO BE REFITTED WITH NEW ROOFTOP EQUIPMENT. CUSTOM FABRICATED GALVANIZED STEEL ADAPTOR CURB IS REQUIRED AND WILL BE BASED ON FIELD MEASUREMENTS OF EXISTING CURB MADE BY MECHANICAL CONTRACTOR AND THEN COORDINATED WITH NEW RTU'S DIMENSIONS.
2. EXISTING EQUIPMENT ON ROOF TO BE REMOVED. CONDENSING UNIT ON ROOF. REMOVE CONDENSING UNIT ON ROOF. REMOVE REFRIGERANT PIPING. CAP REFRIGERANT PIPING PENETRATION. THERE IS AN ASSOCIATED INDOOR AIR HANDLER IN THE SPACE BELOW. REMOVE THE AIR HANDLER, THERMOSTAT, WIRING, REFRIGERANT PIPING, REFRIGERANT DRYER, DUCTWORK, DIFFUSERS, REGISTERS, GRILLES, ETC. ASSOCIATED WITH SPLIT-SYSTEM.
3. EXISTING ROOFTOP VENT TO BE REMOVED. REMOVE ALL DUCT WORK BELOW.
4. EXISTING ROOFTOP FANS TO BE REMOVED.
5. CURB FOR FAN TO BE REUSED FOR NEW FAN.

IMPORTANT NOTE: ALL HVAC BELOW ROOF SHALL BE REMOVED. NOT SHOWN HERE BUT DUCTS, DIFFUSERS, REGISTERS, GRILLES, THERMOSTATS, LOW-VOLTAGE WIRING, METAL DUCT, FLEXIBLE DUCT, DUCT BOARD, AIR HANDLERS, FANS, ETC. SHALL BE REMOVED.





- # KEYED PLAN NOTES:
1. CONCENTRIC DIFFUSER, RUSKIN RRS DRUM LOUVER SPECIALTY DIFFUSER FOUR SIDED THROW
 2. RETURN DUCT DROPS DOWN STRAIGHT FROM RTU. DUCT TO BE LINED FOR NOISE REDUCTION.
 3. TAP INTO SIDE OF VERTICAL SUPPLY DUCT FROM RTU ABOVE THE CONCENTRIC DIFFUSER.
 4. MANUAL VOLUME DAMPER FOR BALANCING AIRFLOW
 5. EXHAUST DUCT, NOT INSULATED, TURNS UP TO ROOFTOP FAN EF-1
 6. THERMOSTATS ARE TO BE CONTROLLED THROUGH AN ENERGY MANAGEMENT SYSTEM. THE LANDLORD SHALL PURCHASE AND INSTALL THIS SYSTEM FROM RIDDLEBERGER BROTHERS, INC. CONTACT WAYNE GIBSON OR ROBIN KISER AT 1-866-724-7378 TO PURCHASE SYSTEM. ALL THERMOSTATS SHALL HAVE LOCKING COVERS
 7. DUCT-MOUNTED SMOKE DETECTOR REQUIRED ON ALL FOUR ROOFTOP UNITS. MOUNT IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS FOR LOCATION ON THE SUPPLY DUCT.

IMPORTANT NOTE: THE DESIGN DEPICTED ON THESE MECHANICAL SHEETS IS BASED ON ALL NEW HVAC INCLUDING THE RTU'S THE EXH FAN DUCTWORK, GRILLES, REGISTERS, DIFFUSERS, ONLY FIVE SELECT ROOF CURBS WILL BE REUSED, LEFT-IN-PLACE AND FITTED WITH AN ADAPTOR CURB. ONLY WITH WRITTEN PERMISSION FROM OWNER IS ANYTHING TO BE RE-USED.

HVAC CONTROLS: THERMOSTATS ARE TO BE CONTROLLED THROUGH AN ENERGY MANAGEMENT SYSTEM (EMS). SEE GENERAL NOTE 9 SHEET M-1. SEQUENCE OF OPERATIONS SHALL BE COOL TO 75 COOLING AND 68 HEATING DURING OCCUPIED HOURS. SETPOINTS DURING UNOCCUPIED TIMES SHALL BE 78 AND 65. RTU SHALL RECEIVE SETPOINTS FROM EMS.

MINIMUM REQUIREMENTS INCLUDED IN AN ENERGY MANAGEMENT SYSTEM:

1. JOHNSON CONTROL FX WEB-BASED EMS CONTROLLER (WITH PINK CABLE TO CONNECT TO NETWORK SWITCH)
2. THERMOSTATS
3. WALL SENSORS (2) PER STORE
4. PROGRAMMING
5. 5 HOURS OF COMMISSIONING
6. 3-YEAR WARRANTY ON THE JACE
7. END OF LINE RESISTORS (2)
8. SHIPPING

CONTACT WAYNE GIBSON OR ROBIN KISER AT 1-866-724-7378
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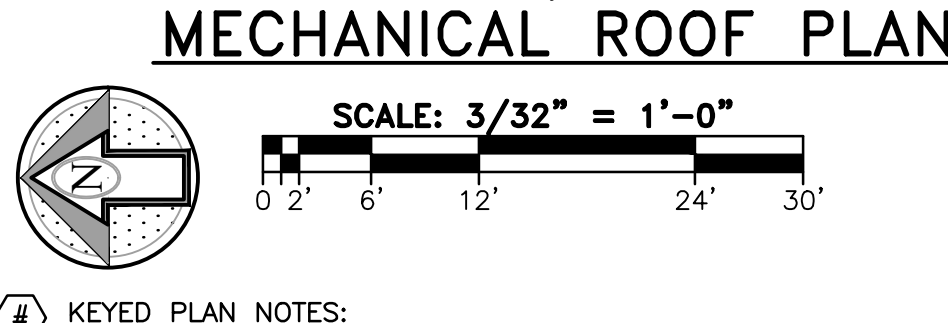
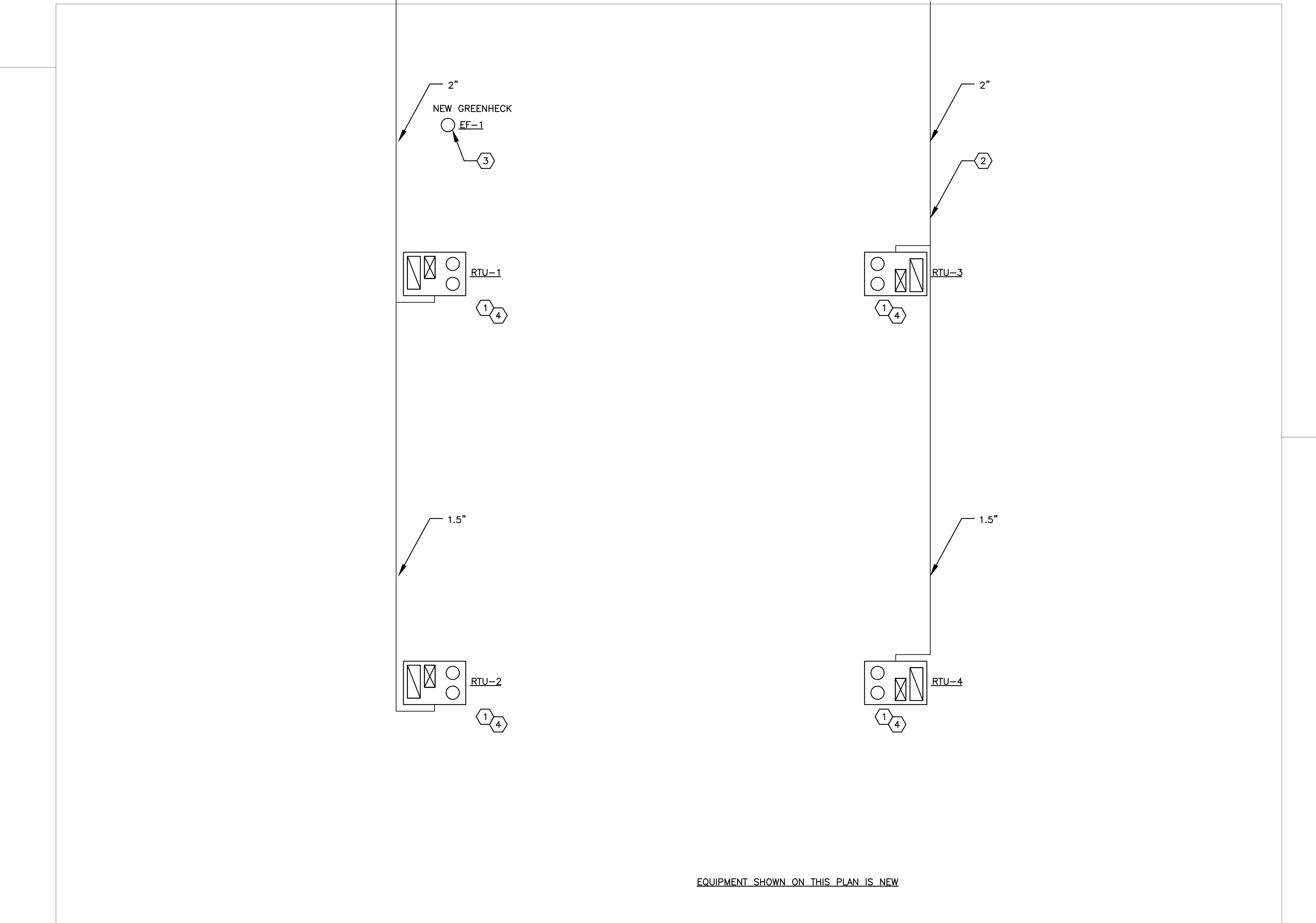
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PROFESSIONAL ENGINEER

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3th Revision
4th Revision
3rd Revision
2nd Revision
1st Revision
Issue Date: October 26, 2021
Project Number: 21-033-007
MECH. FLOOR
PLAN
M-3



- # KEYED PLAN NOTES:
1. ROOFTOP UNITS ARE NEW. ROOF CURBS ARE EXISTING. CUSTOM FABRICATED INSULATED ADAPTOR ROOF CURB IS REQUIRED.
 2. SCHEDULE 40 PVC PIPE FOR CONDENSATE SHALL BE SUPPORT ON RUBBER SUPPORT BLOCKS AT 8' INTERVALS. ROUTE CONDENSATE TO BACK OF BUILDING INTO ROOF GUTTER. PAINT PIPE WITH WHITE UV RESISTANT PAINT. NOT TO BE INSULATED.
 3. EXHAUST FAN IS NEW. ROOF CURB IS EXISTING. CUSTOM FABRICATED INSULATED ADAPTOR ROOF CURB IS REQUIRED.
 4. ROOFTOP UNITS ARE REQUIRED TO INCLUDE DUCT-MOUNTED OR UNIT MOUNTED SMOKE DETECTORS. APPLIES TO ALL FOUR NEW ROOFTOP UNITS.

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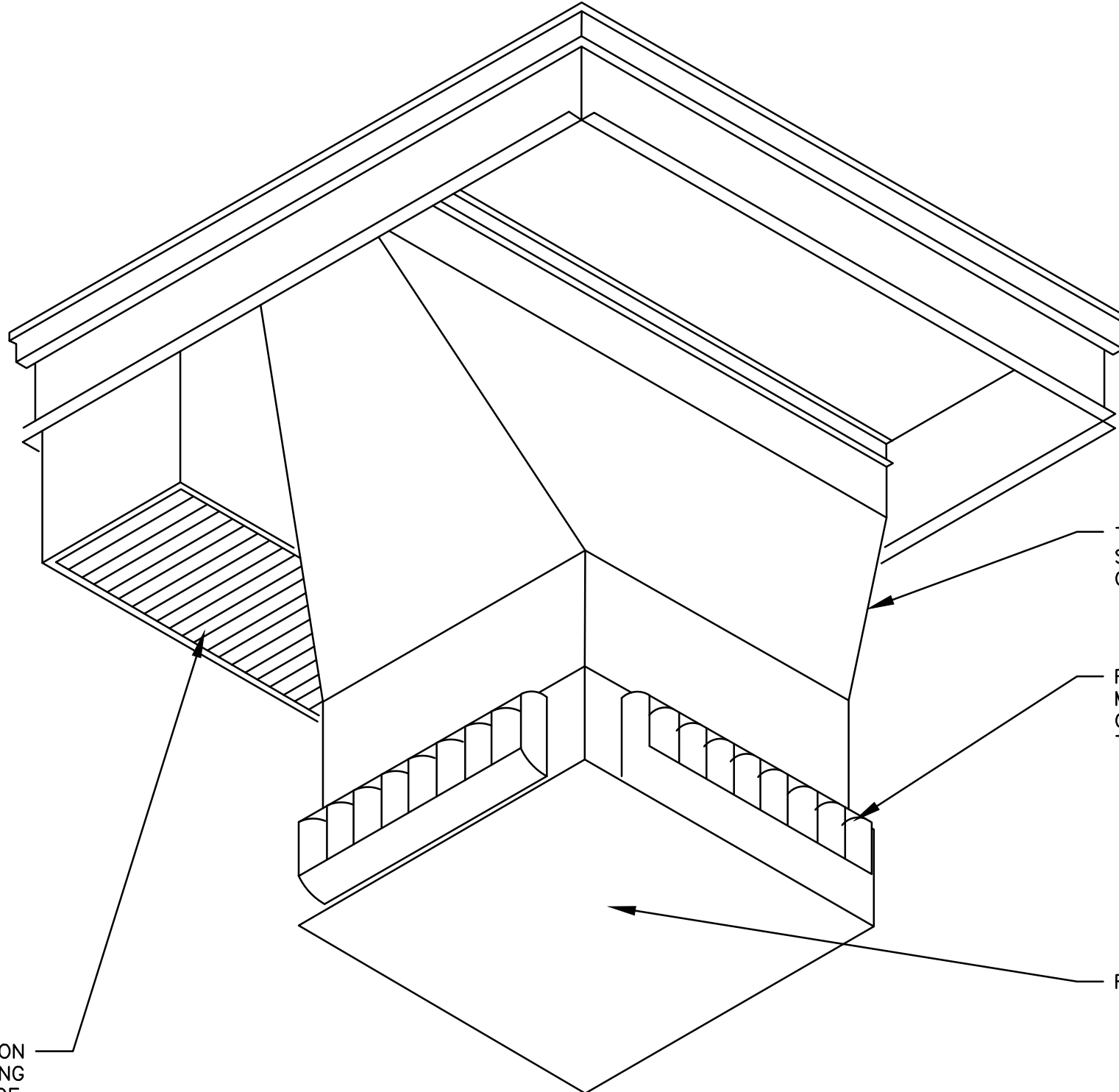
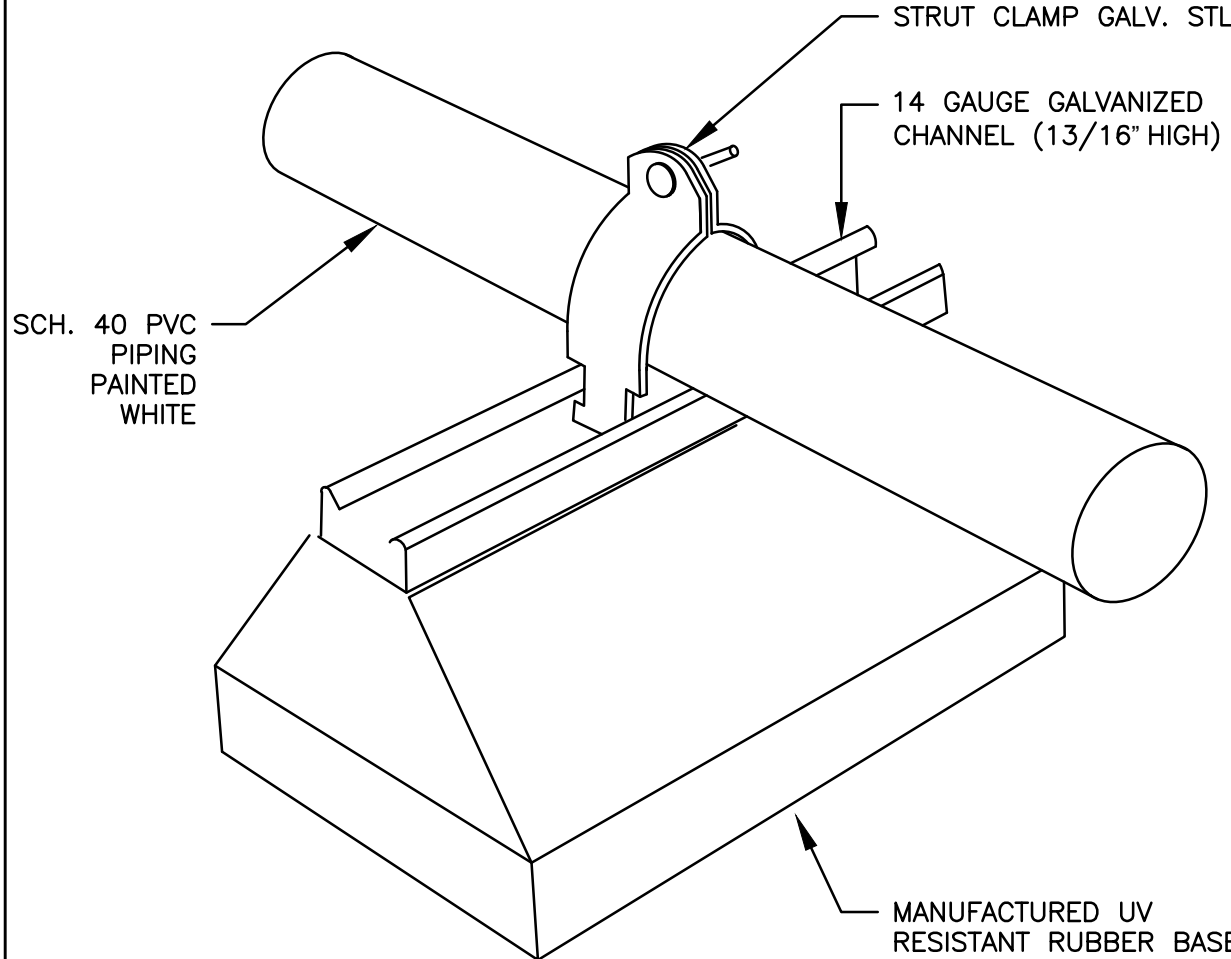
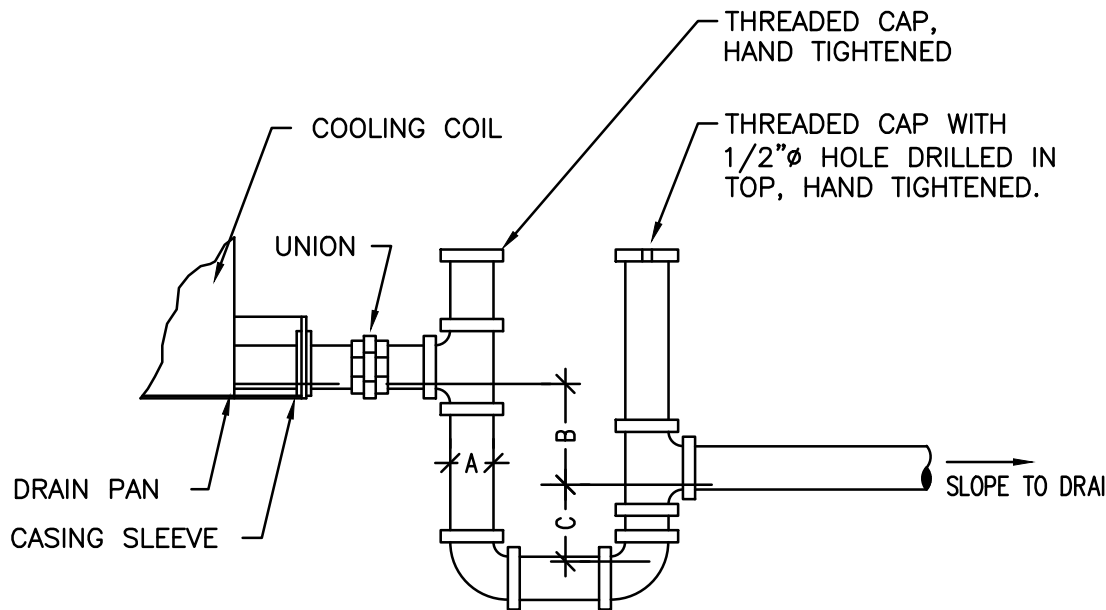
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MECH. ROOF PLAN
M-4

TAP INTO TRANSITION FOR RTU'S 1 & 4 TO RUN SUPPLY AIR DUCTS TO CASH AND BACK-OF-HOUSE OFFICE/BREAKROOM/RESTROOMS INSULATE DUCT TO MINIMIZE RISK OF CONDENSATION FORMING		ALUMINUM SUPPLY AIR DIFFUSER INCLUDE FACTORY MOLDED INSULATION BACKING TO PREVENT CONDENSATION ON TOPSIDE OF DIFFUSER		
INSULATION BACKING ON DIFFUSERS No Scale		5	INSULATION BACKING ON DIFFUSERS No Scale	1
 TRANSITION AS NEEDED FROM RTU'S SUPPLY DUCT CONNECTION TO SIZE OF CONCENTRIC DIFFUSER BOX RUSKIN SALES REP TO ASSIST MAKING FINAL SELECTION FOR CFM AND THROW NEEDED. REFER TO FLOOR PLANS RUSKIN 575 DRUM LOUVER TITUS 350 RETURN AIR GRILLE ON END OF RETURN DUCT EXTENDING DIRECT DOWN FROM UNIT ON ROOF. GRILLE SIZE SHALL BE NO LESS THAN SIZE OF RETURN AIR OPENING ON RTU. TO MITIGATE NOISE FROM UNIT THE DUCT SHALL BE INTERNALLY LINED WITH 1" NEOPRENE BLACK		 SCH. 40 PVC PIPING PAINTED WHITE STRUT CLAMP GALV. STL. 14 GAUGE GALVANIZED CHANNEL (13/16" HIGH) MANUFACTURED UV RESISTANT RUBBER BASE BASIS OF DESIGN: MIFAB MODEL CXP		
CONCENTRIC DIFFUSER DETAIL No Scale		4	ROOFTOP CONDENSATE SUPPORT DETAIL	2
		 DRAIN PAN CASING SLEEVE UNION COOLING COIL THREADED CAP, HAND TIGHTENED THREADED CAP WITH 1/2" HOLE DRILLED IN TOP, HAND TIGHTENED. SLOPE TO DRAIN AHU-1, 2, 3, AND 4 HAVE 2 INCHES OF FAN SUCTION STATIC PRESSURE. <u>CONDENSATE DRAIN PIPING DIMENSIONS:</u> A = FULL SIZE OF UNIT DRAIN CONNECTION B ≥ 1.5 TIMES FAN SUCTION STATIC PRESSURE C ≥ FAN DISCHARGE STATIC PRESSURE PLUS 1 INCH COORDINATE MOUNTING/CURB HEIGHT AS REQUIRED TO PROVIDE PROPER CONDENSATE DRAINAGE.		
		3	RTU CONDENSATE P-TRAP DETAIL No Scale	3

ELECTRIC WATER HEATER SCHEDULE												
PLAN SYMBOL	MANUFACTURER / MODEL	TANK SIZE	FIRST HOUR RATING GALLONS	RECOVERY (GPH) AT 90 °F	R-VALUE ON TANK	OUTPUT TEMP	VOLTAGE /PH	KW	DIMENSIONS HxDIA.	WEIGHT (LBS.)	LOCATION	NOTES
EWH-1	AO SMITH ECT-40	40 GALLON	52	21	16	115°F	240/1	4.5	59.5" X 18" DIA,	106 DRY 450 FILLED	JANITORS CLOSET ON WALL BRACKET 8'-0" AFF	1,2,3,4, 5
NOTES: 1. INCLUDE INCLUDE AUXILIARY DRAIN PAN. ROUTE P/T RELIEF VALVE TO AUXILIARY PAN. DRAIN PAN TO FLOOR DRAIN 2. WATER HEATER SUPPORT BRACKET AND STRAPPED TO WALL STUDS. 3. WATER HEATER SHALL INCLUDE HEAT TRAPS EITHER EXTERNAL OR INTEGRAL TO WATER HEATER. 4. INCLUDE 2 GALLON EXPANSION TANK. ET-1 5. INCLUDE CP-1 A 115 VOLT RE-CIRCULATION PUMP FOR HOT WATER RETURN WITH AQUASTAT AND TIMER. ARMSTONG ASTRO 220SS. 115 VAC, 0.29 A, 33WATTS. LEAD-FREE.												

PLUMBING FIXTURE SCHEDULE								
TAG	ITEM	MANUFACTURER	MODEL	FIXTURE DESCRIPTION	CONNECTION SCHEDULE			
					WASTE	VENT	CW	HW
WC1	WATER CLOSET	KOHLER	K-3575	WELLWORTH CLASSIC TWO-PIECE ELONGATED TOILET VITREOUS CHINA WATER CLOSET WITH ELONGATED BOWL LOW CONSUMPTION FLUSH TANK 1.60 GPF WHITE TOILET SEAT OPEN FRONT NO COVER SEE FLOORPLAN, SOME UNITS NEED FLUSH VALVE ON ALTERNATE SIDE	3"	2"	1/2"	-
WC2	WATER CLOSET ADA	KOHLER	K-3493-0	COMFORT-HEIGHT ELONGATED TOILET, 1.60 GPF VITREOUS CHINA WATER CLOSET WITH ELONGATED BOWL LOW CONSUMPTION FLUSH TANK 1.60 GPF OPEN-FRONT ELONGATED TOILET SEAT	3"	2"	1/2"	-
LV1	WALL HUNG LAV ADA	KOHLER	K-2054-0	WHITE SOHO 18" WALL MOUNTED STEEL CONCEALED WALL CARRIER FAUCET K-10215-4-BN FORTÉ SINGLE-HANDLE BATHROOM SINK FAUCET (ADA) SINGLE-HOLE INSTALLATION ASME A112.18.1 TEMPERATURE MEMORY AND HIGH-TEMPERATURE LIMIT SETTING INSULATION KIT FOR DRAIN AND WATER CONNECTIONS UNDER SINK	2"	1-1/2"	1/2"	1/2"
SK1	DOUBLE COMPARTMENT SINK	KOHLER	--	DOUBLE COMPARTMENT DROP IN KITCHEN SINK WITH 3 FAUCET HOLES SINGLE COMPARTMENT, DROP-IN. FAUCET: SINGLE-HANDLE PULL-OUT SPRAYER KITCHEN FAUCET IN POLISHED CHROME	2"	1-1/2"	1/2"	1/2"
UR1	URINAL	KOHLER	K-4991-ET-0	WHITE BARDON 0.125 GPF WALL MOUNTED URINAL TOP SPUD K-7546-CP EXPOSED HYBRID 0.125 GPF WASHDOWN FLUSHOMETER 30-YEAR HYBRID ENERGY CELL ELECTRONIC INFRARED SENSOR	2"	2"	3/4"	-
MS1	SERVICE SINK	STERN-WILLIAMS	#900	"MOP SINK 24x24x12 MOLDED TERRAZZO 3 IN WASTE OUTLET WALL HUNG FAUCET STERN-WILLIAMS #T-10-VB WITH 5FT HOSE AND STAINLESS STEEL BACKSPLASH"	3"	2"	3/4"	3/4"
FD1	FLOOR DRAIN	ZURN	Z-415 W/TYPE "B" STRAINER	"FLOOR DRAIN WITH 5 INCH NICKALOY STRAINER TOP PROVIDE AUXILIARY INLET FITTING FOR TRAP PRIMER CONNECTION"	2"	2"	-	-
FCO	FLOOR CLEANOUT	ZURN	Z-1400	PROVIDE SCREW COVER MATCH SIZE OF PIPE	-	-	-	-
EW-1	WATER COOLER	OASIS	PGBAC	"ELECTRIC WATER COOLER BARRIER FREE 8.0 GPH CAPACITY, 4.5 FLA 120V/1PH/60HZ STAINLESS STEEL CASING"	2"	1-1/2"	1/2"	-

PLUMBING PIPE & VALVE MATERIAL				
SERVICE	MATERIAL	STANDARDS	PIPE JOINT	NOTES
DOMESTIC COLD WATER UNDERSLAB OR UNDERGROUND	SCHEDULE 80 PVC	ASTM D 1785	SOCKET FITTINGS ASTM D 2467	
	SCHEDULE 80 CPVC	ASTM F 441/F 441M	SOCKET FITTINGS ASTM F 439	
DOMESTIC COLD WATER ABOVE GRADE	SCHEDULE 40 PVC	ASTM D 1785	SOCKET FITTINGS ASTM D 2466	
	SCHEDULE 40 CPVC	ASTM F 441/F 441M	SOCKET FITTINGS ASTM F 438	
DOMESTIC HOT AND COLD WATER ABOVE SLAB	SCHEDULE 40 CPVC	ASTM F 441/F 441M	SOCKET FITTINGS ASTM F 438	
SANITARY U/G	SOLID-WALL PVC	ASTM D 2665, DRAIN, WASTE, AND VENT	SOCKET FITTINGS ASTM D 2665, MADE TO ASTM D 3311	
SANITARY ABOVE GRADE	SOLID-WALL PVC	ASTM D 2665, DRAIN, WASTE, AND VENT	SOCKET FITTINGS ASTM D 2665, MADE TO ASTM D 3311	
SANITARY VENT	SOLID-WALL PVC	ASTM D 2665, DRAIN, WASTE, AND VENT	SOCKET FITTINGS ASTM D 2665, MADE TO ASTM D 3311	
VALVES: VALVES SHALL BE NSF 61 ANNEX G AND NSF 372 FOR VALVE MATERIALS FOR POTABLE WATER SERVICE. BRONZE VALVES SHALL BE MADE WITH DEZINCIFICATION-RESISTANT MATERIALS. BRONZE VALVES MADE WITH COPPER ALLOY (BRASS) CONTAINING MORE THAN 15 PERCENT ZINC ARE NOT PERMITTED ISOLATION VALVES: 1/4-TURN TWO-PIECE WITH FULL PORT AND STAINLESS-STEEL TRIM, MSS SP-110, CWP RATING: 600 PSIG. DRAIN VALVES:: BRONZE GATE VALVES, RS, CLASS 125, MSS SP-80, TYPE 2, CWP RATING: 200 PSIG CHECK VALVES: BRONZE CHECK VALVE WITH BRONZE DISC, MSS SP-80, TYPE 1, CWP RATING 200 PSIG.				
PIPE INSULATION: HOT WATER (HW) BELOW 140 F: PIPING 1" AND UNDER 3/4" ARMAFLEX, PIPING 1-1/4" AND ABOVE 1" ARMAFLEX HOT WATER 140 F: 1" ARMAFLEX HOT WATER RETURN (HWR): 3/4" ARMAFLEX COLD WATER (CW): NONE				

GENERAL NOTES	
1. ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH FLORIDA BUILDING CODE, 7TH EDITION 2020 - PLUMBING VOLUME, WHERE CONFLICTS OCCUR BETWEEN CODES THE MOST RESTRICTIVE REQUIREMENTS SHALL GOVERN.CONTRACTOR IS RESPONSIBLE FOR COMPLETING AND SUBMITTING ALL NECESSARY APPLICATIONS TO RECEIVE NECESSARY PERMITS FROM THE COUNTY (OR APPROPRIATE AUTHORITY HAVING JURISDICTION). CONTRACTOR IS RESPONSIBLE FOR ALL FEES AND RELATED COSTS ASSOCIATED WITH OBTAINING PERMITS. RELATED COSTS ARE TO INCLUDE BUT ARE NOT LIMITED TO ANY MILEAGE, TRAVEL COSTS, COURIER COSTS, POSTAGE, REPRODUCTION COSTS, ETC.	
2. ALL FIXTURES, EQUIPMENT AND MATERIALS SHALL BE NEW AND SHALL BE EQUAL IN QUALITY, TYPE, CAPACITY TO THE FIXTURE OR EQUIPMENT NOTED ON THE DRAWINGS. ADJUSTMENTS TO CONSTRUCTION AND ACCESSORIES ON SUBSTITUTED EQUIPMENT OR FIXTURES MAY BE REQUIRED TO ACHIEVE THIS EQUALITY, AND SHALL BE INCLUDED AT NO EXTRA COST TO THE OWNER.	
3. FIELD VERIFY EXISTING INSTALLATIONS, MODIFY EXISTING PLUMBING SYSTEMS, WHICH ARE TO REMAIN ACTIVE, TO FACILITATE RECONNECTION AND EXTENSION OF THE NEW WORK.	
4. NOTIFY OWNER AT LEAST 24 HOURS PRIOR TO INTERRUPTING EXISTING SERVICE. SCHEDULE DISCONNECTION AND TIE-INS TO MINIMIZE DISRUPTION OF SERVICES. SERVICES ARE NOT TO BE LEFT DISRUPTED DURING NON-NORMAL CONTRACTOR WORKING HOURS.	
5. PIPE ROUTING SHOWN IS SCHEMATIC AND IS NOT INTENDED TO INDICATE EXACT ROUTING AND ANY ADDITIONAL OFFSETS AND FITTINGS REQUIRED FOR PROPER INSTALLATION AND TO MAINTAIN CLEARANCES. VERIFY STRUCTURAL, MECHANICAL AND ELECTRICAL INSTALLATIONS AND OTHER POTENTIAL OBSTRUCTIONS AND ROUTE PIPING TO AVOID INTERFERENCES.	
6. COORDINATE PIPING WITH ALL ELECTRICAL EQUIPMENT(PANELS, TRANSFORMERS, ETC.) PRIOR TO ANY INSTALLATION. DO NOT ROUTE ANY PIPING OVER ANY ELECTRICAL PANELS UNDER ANY CIRCUMSTANCES. ANY PIPING RUN OVER PANELS SHALL BE REROUTED AT NO ADDITIONAL COST.	
7. PROVIDE ALL OFFSETS AND FITTINGS AND MAKE CONNECTION TO SITE UTILITIES.	
8. CONCEAL PIPING ABOVE CEILINGS, WITHIN WALLS OR CHASES EXCEPT IN MECHANICAL ROOMS OR AS SPECIFICALLY NOTED. PROVIDE ACCESS PANELS FOR ALL VALVES CONCEALED IN WALLS OR ABOVE NON-ACCESSIBLE CEILINGS.	
9. SLEEVE AND FIRE STOP PENETRATIONS OF RATED WALLS, FLOORS, CEILINGS AND ROOFS. FLASH AND COUNTERFLASH ROOF PENETRATIONS.	
10. WHEN BEAM SLEEVE PENETRATIONS ARE NECESSARY, COORDINATE PENETRATIONS WITH ALL TRADES, THE ARCHITECT AND THE STRUCTURAL ENGINEER.	
11. SEE ARCHITECTURAL DRAWINGS FOR FIXTURE LOCATIONS AND MOUNTING HEIGHTS.	
12. PROVIDE, WHEN REQUIRED BY CODE, AN AIR GAP SERVING INDIVIDUAL FIXTURES, DEVICES, APPLIANCES AND APPARATUS.	
13. ALL EXPOSED PIPE AND FITTINGS IN FINISHED AREAS SHALL BE CHROME PLATED.	
14. PROVIDE CLEANOUTS IN ACCORDANCE WITH APPROPRIATE CODES AND REGULATIONS.	
15. COORDINATE EXACT FLOOR DRAIN LOCATIONS WITH ARCHITECTURAL DRAWINGS. SET FLOOR DRAINS BELOW FINISH FLOOR TO ALLOW FOR FLOOR SLOPING TO THE DRAIN.	
16. NO PLASTIC VALVES. ISOLATION VALVES SHALL BE 2-PIECE BRONZE BALL VALVES WITH STAINLESS STEEL TRIM AND BALL. 1/4-TURN. DRAIN VALVES SHALL BE GATE VALVES.	
17. SEWER DRAIN LINES TO BE PURGED/JETTED/AUGURED/DE-SCALED TO THE MAIN PRIOR TO OCCUPANCY. JETTING MACHINE TO BE 3000 PSI AT MINIMUM. CAMERA ALL LINES TO INCLUDE ALL TOILET LINES UNDER THE BATHROOM SLAB TO THE MAIN AND SUBMIT A VIDEO OF THE CLEAN LINES. THE PLUMBER SHALL ISSUE A REPORT STATING THE CONDITION OF LINES IN REGARD TO AGE, BELLIES OR OTHER ISSUES. THIS MUST BE ON THE PLUMBERS LETTER HEAD AND SUBMITTED TO THE TENANTS CONSTRUCTION DEPARTMENT. THE REPORT MUST ALSO SHOW A DRAWING OF THE LOCATION OF ALL CLEAN OUTS. THERE MUST BE A CLEAN OUT AT THE EXTERIOR OF THE BUILDING WHERE THE SEWER LINE ENTERS THE BUILDING. ALL SEWER LINES OVER 50' MUST HAVE ONE CLEAN OUT ADDED INSIDE THE BUILDING AT THE CENTER OF THE SEWER LINE AND ALL SEWER LINES OVER 100' SHALL HAVE TWO CLEAN OUTS STRATEGICALLY LOCATED WITHIN THE SEWER LINE. THIS WORK SHALL BE DONE AT THE BEGINNING OF THE CONSTRUCTION PROCESS TO GIVE THE TENANT TIME TO VIEW THE VIDEOS. THIS WILL GIVE THE LANDLORD AMPLE TIME TO CORRECT ANY ISSUES IF FOUND. TENANT PREFERS THIS TO BE POSTED ON YOUTUBE AND LINK SENT TO THEM TO REVIEW.	
18. IF A SITE HAS A SEWER GRINDER PUMP, THE LANDLORD SHALL PROVIDE THE TENANT A REPORT ON THE MAKE, MODEL, AGE AND CONDITION OF THE SEWER GRINDER PUMP PRIOR TO SIGNING THE LEASE.	
19. ALL SINKS MUST HAVE HOT WATER (THIS INCLUDES MOP SINK).	

DRAWING INDEX	
NUMBER	DESCRIPTION
P-1	PLUMBING NOTES & SCHEDULES
P-2	PLUMBING DEMOLITION PLAN
P-3	PLUMBING FLOOR PLAN
P-4	PLUMBING DETAILS & RISERS

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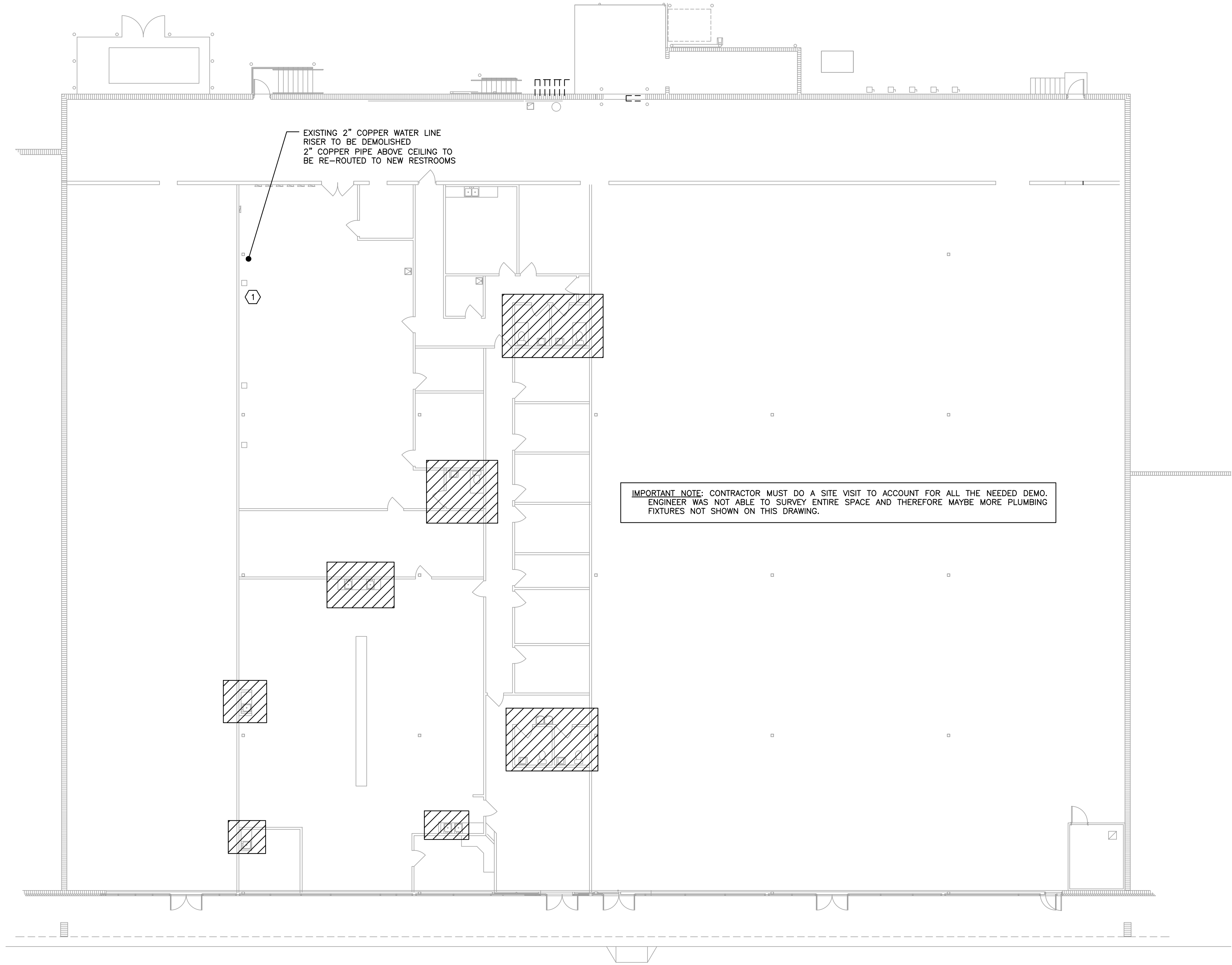
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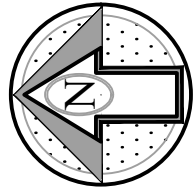
5th Revision
4th Revision
3rd Revision
2nd Revision
1st Revision
Issue Date October 26, 2021
Project Number 21-033-007

PLUMBING NOTES & SCHEDULES

P-1



PLUMBING DEMOLITION PLAN



SCALE: 3/32" = 1'-0"

KEYED PLAN NOTES:

1. EXISTING WATER RISER TO BE REMOVED. 2" COPPER WATER LINE TO BE RE-ROUTED TO NEW RESTROOMS, JANITORS CLOSET, AND BREAKROOM.

IMPORTANT NOTE: CONTRACTOR MUST DO A SITE VISIT TO ACCOUNT FOR ALL THE NEEDED DEMO. ENGINEER WAS NOT ABLE TO SURVEY ENTIRE SPACE AND THEREFORE MAYBE MORE PLUMBING FIXTURES NOT SHOWN ON THIS DRAWING.

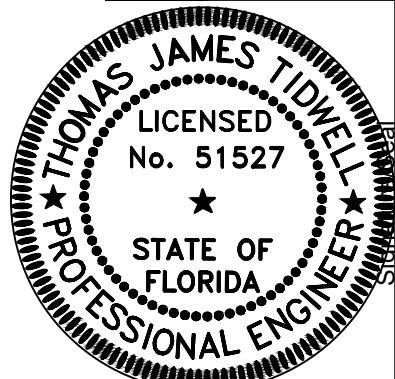
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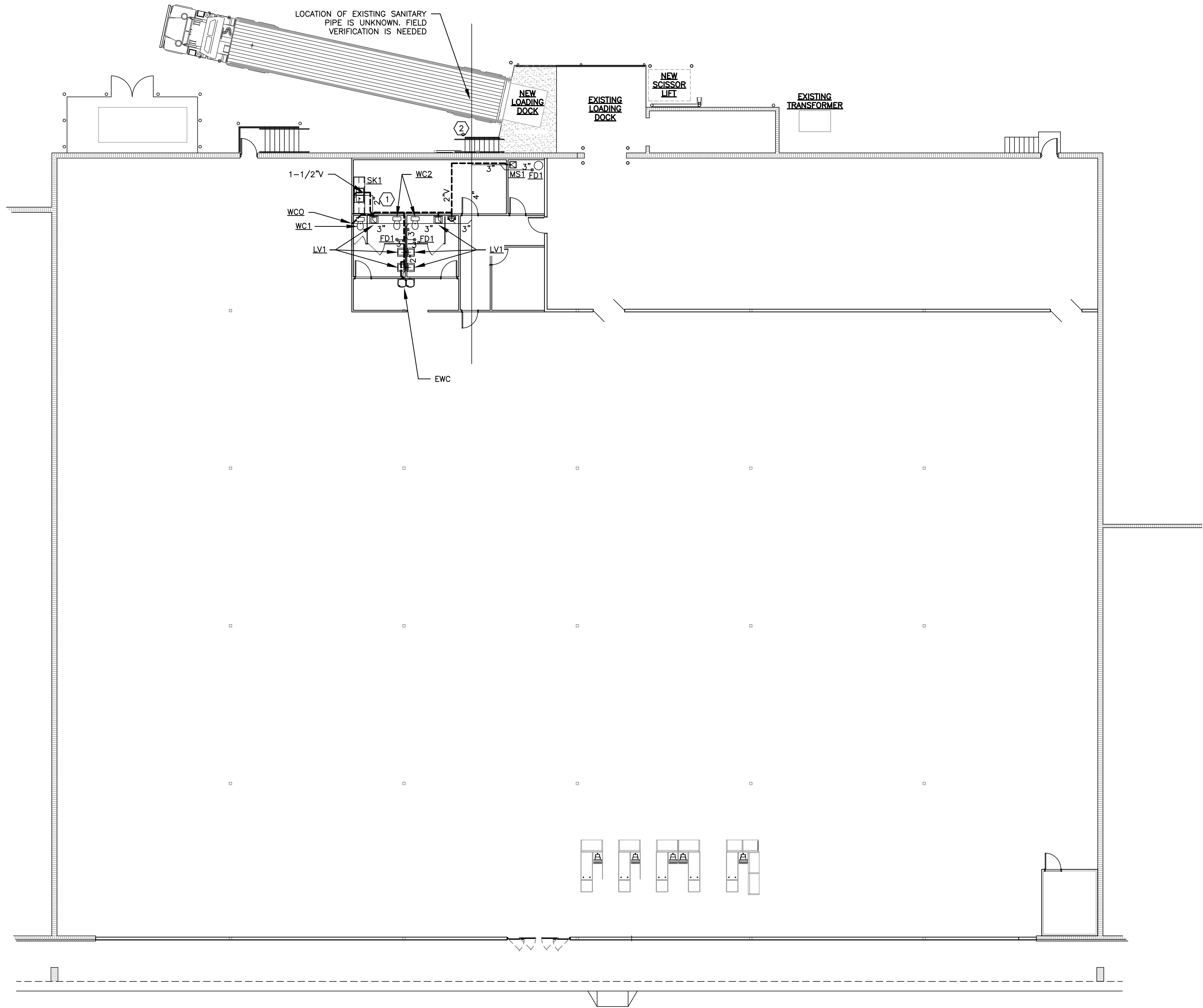
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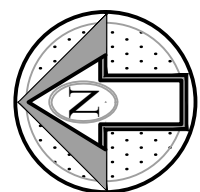
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3rd Revision	
2nd Revision	
1st Revision	
Issue Date	October 26, 2021
Project Number	21-033-007

PLUMBING
DEMOLITION PLAN

P-2



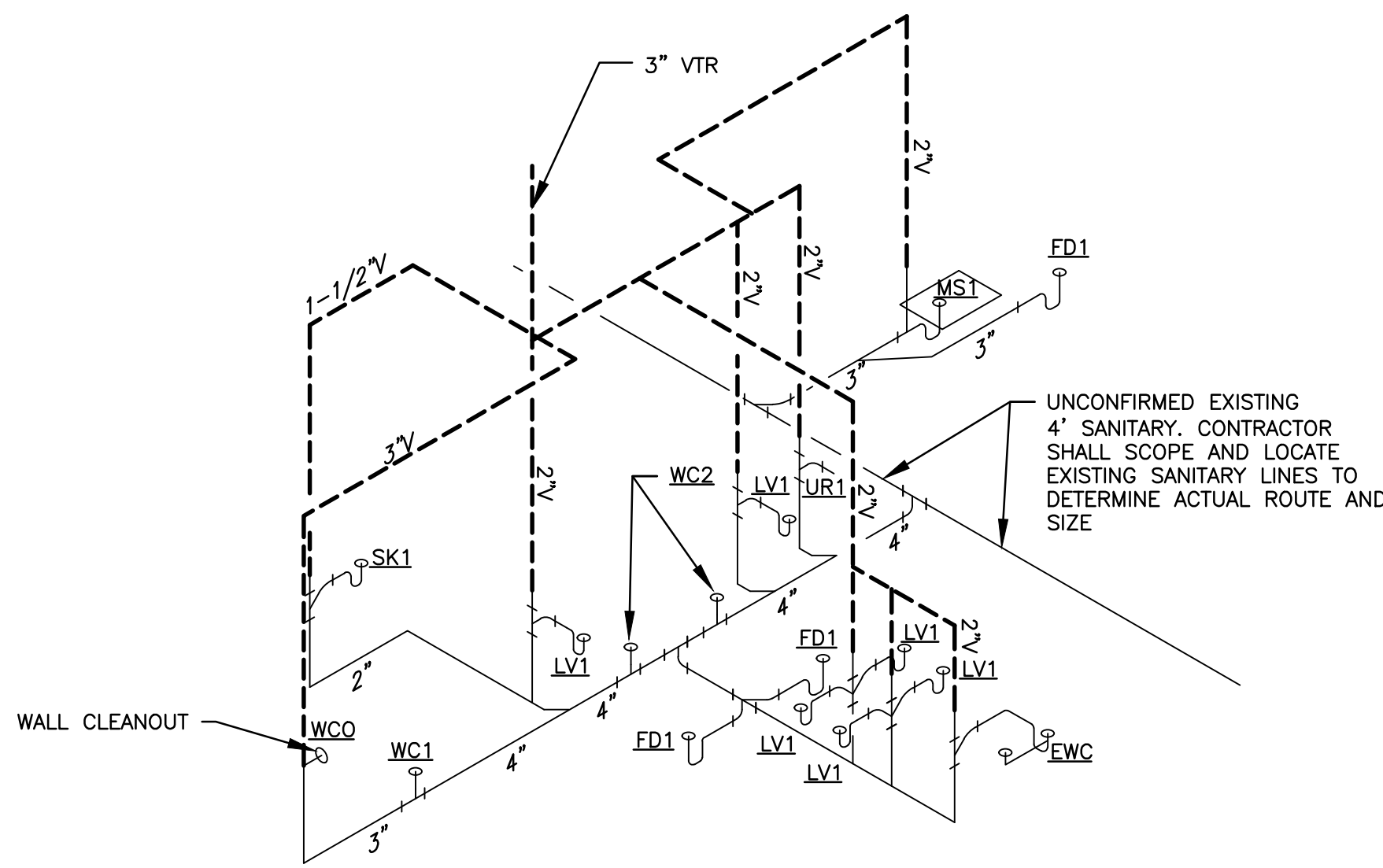
SANITARY PIPING PLAN



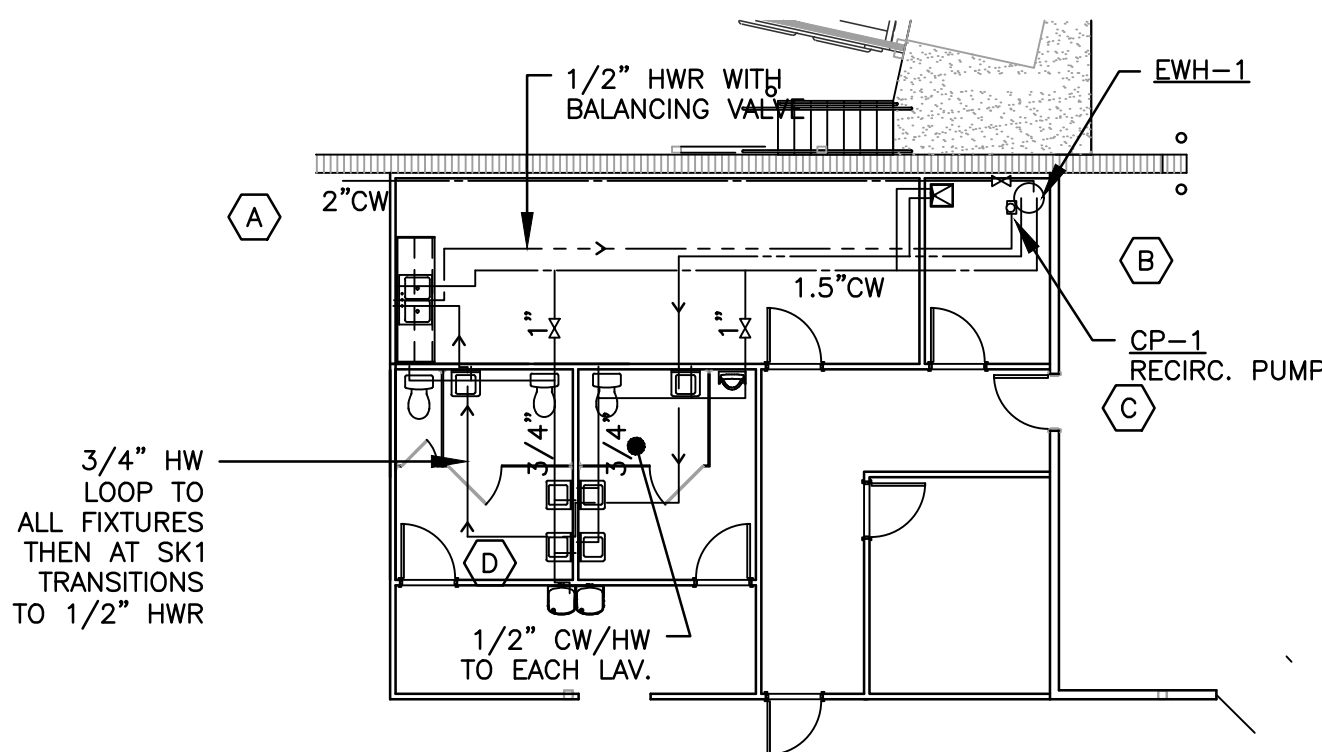
SCALE: 3/32" = 1'-0"

KEYED PLAN NOTES:

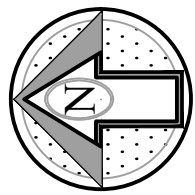
- 3" VENT THROUGH ROOF. OFFSET AND RE-ROUTE AS NEEDED TO UTILIZE AN EXISTING VTR SO AS TO AVOID MAKING NEW PENETRATION THROUGH EXISTING ROOF.
- EXISTING SANITARY LINE. ROUTING, SIZE, AND EXISTENCE OF THIS SANITARY LINE IS NOT CONFIRMED. CONTRACTOR MUST FIELD LOCATE EXISTING SANITARY PIPING.



SANITARY PIPING DIAGRAM



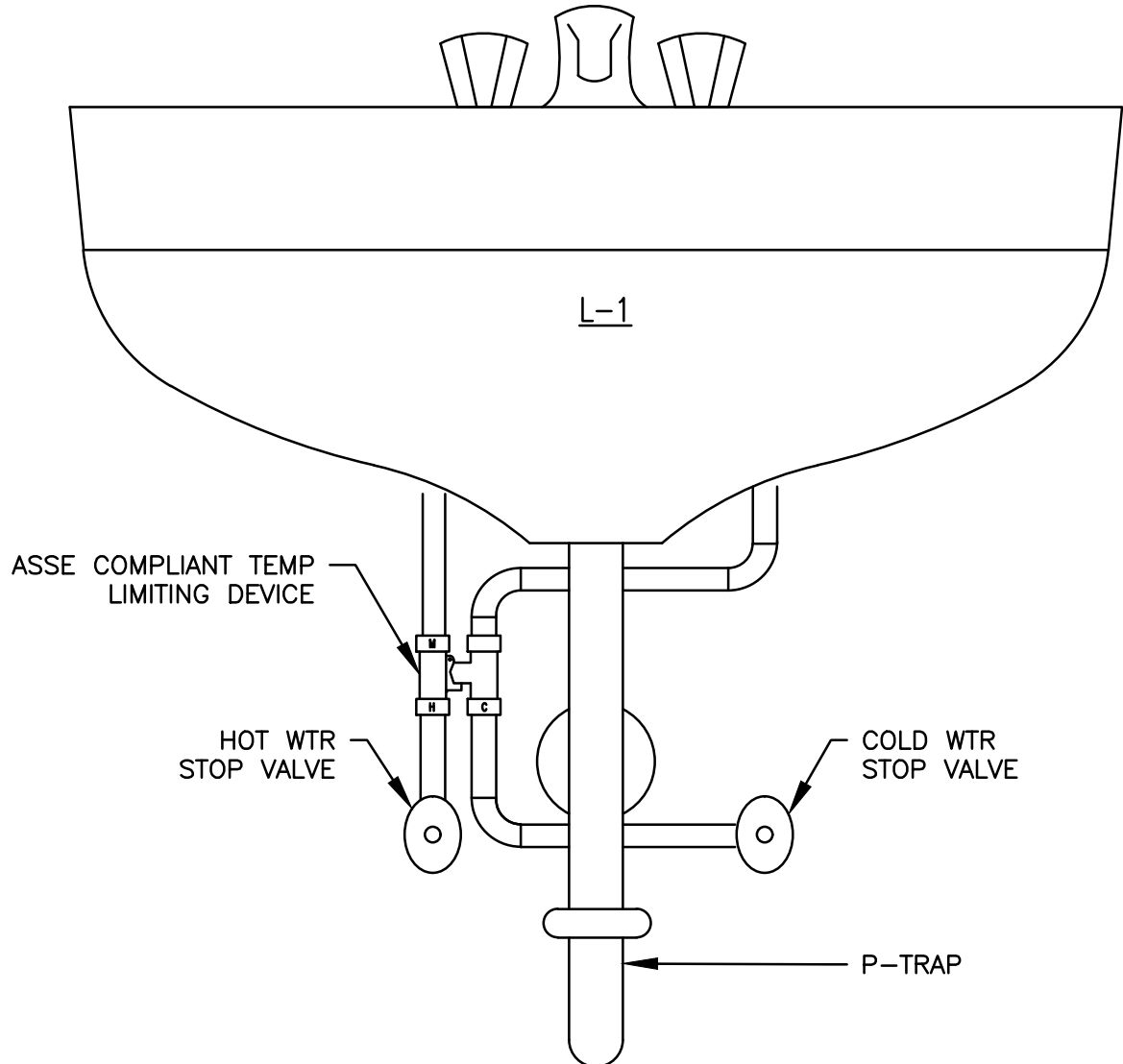
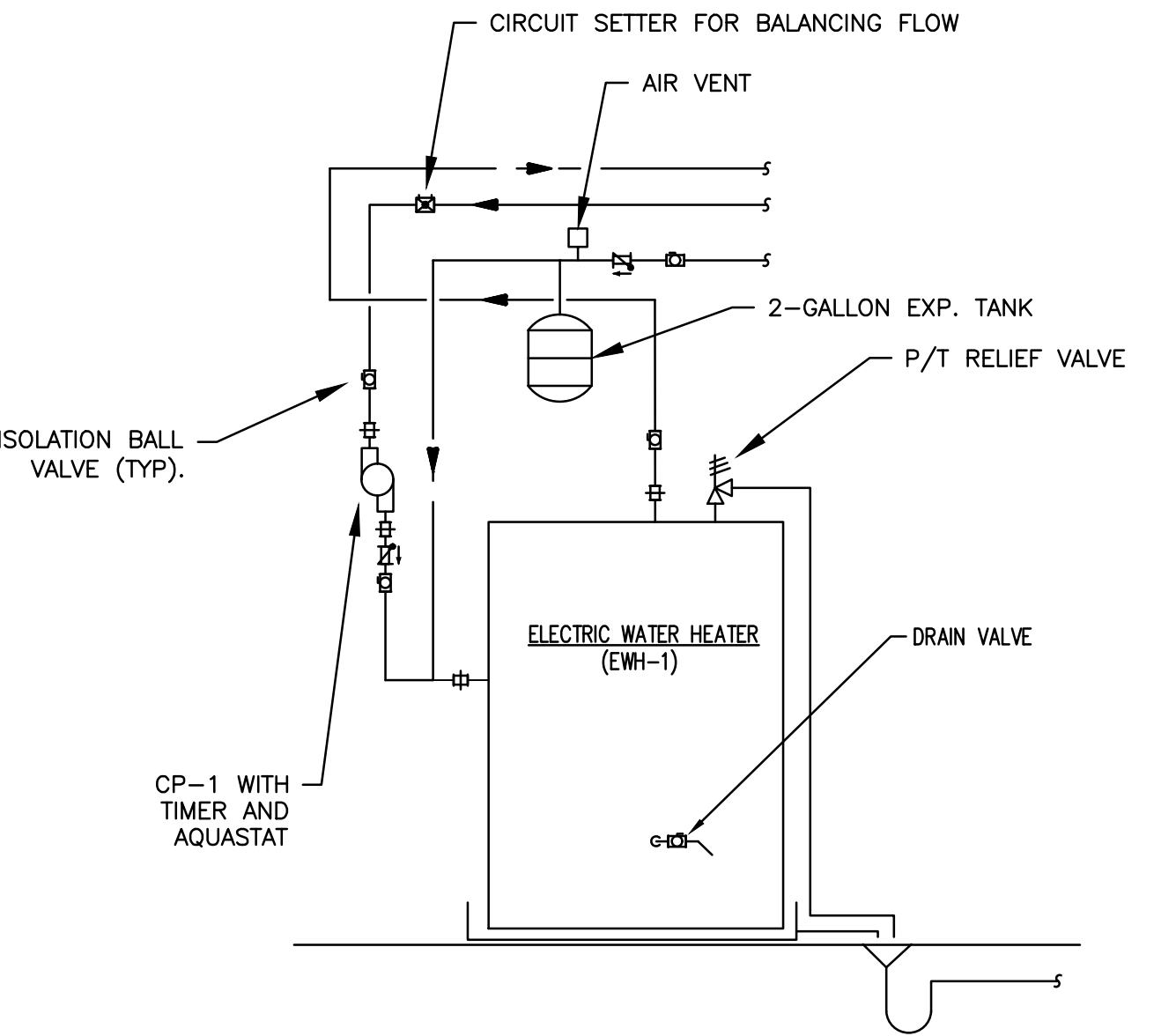
WATER PIPING PLAN

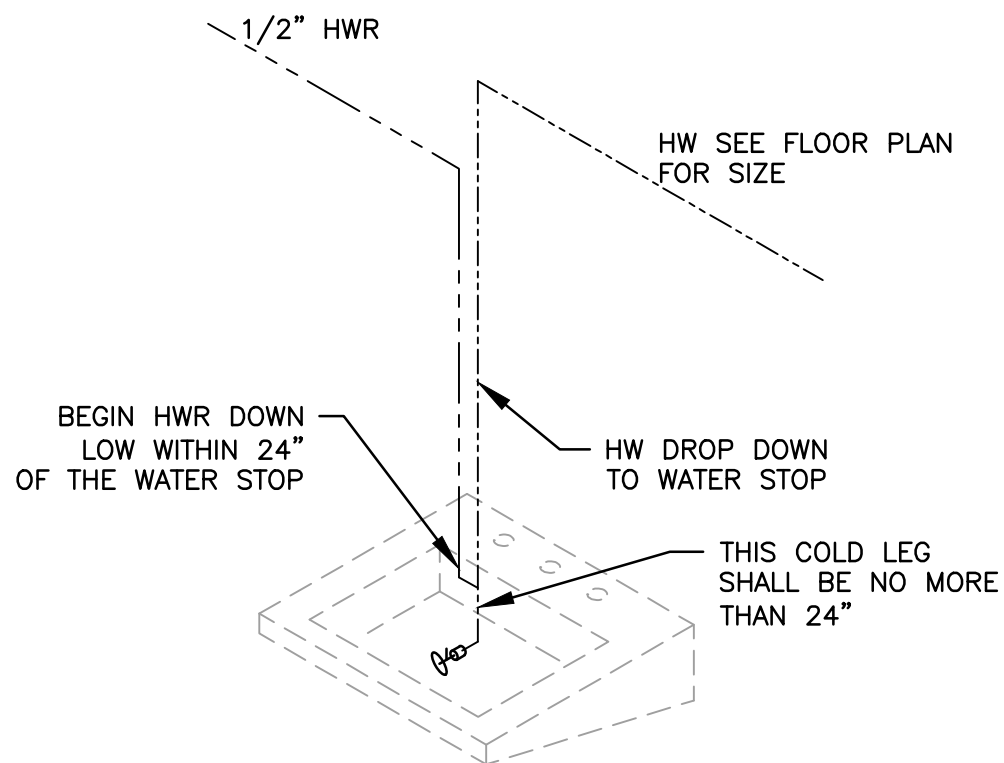


SCALE: 3/32" = 1'-0"

KEYED PLAN NOTES:

- 2" WATER LINE FROM EXISTING RISER LOCATION RE-ROUTED TO JANITOR'S CLOSET AND WATER HEATER. INCLUDE ISOLATION VALVE TO SHUT OFF ALL COLD WATER.
- INCLUDE DRAIN PAN UNDER WATER HEATER. DRAIN PIPED TO FLOOR DRAIN.
- NOTE THAT HOT WATER INCLUDES A CIRCULATION PUMP CP-1 WITH TIMER AND AQUASTAT. INCLUDE 8" LENGTH OF COPPER TYPE L PIPE FOR MOUNTING AQUASTAT. DESIGN INCLUDES 2-GALLON EXPANSION TANK.
- NOTE THAT HOT WATER PIPING FORMS A LOOP TO ASSURE HOT WATER MAIN IS WITHIN MINIMUM DISTANCES AS PRESCRIBED IN FECC. FECC REQUIREMENTS EXCEED THOSE IN THE FPC.

 WATTS LEAD FREE SERIES LFUSG-B: THE LFUSG-B-M2 UNDER SINK GUARDIAN 3/8" (10MM) COMPRESSION AND QUICK-CONNECT FITTING THERMOSTATIC MIXING VALVES MAINTAIN AND LIMIT HOT WATER TO DESIRED SELECTABLE TEMPERATURE BETWEEN 80°F AND 120°F (27°C AND 49°C) WITH FLOW RATES AS LOW AS 0.5 GPM. STED TO ASSE STANDARD 1070 FOR SINGLE FIXTURE APPLICATIONS AND IAPMO CUPC. BUILT-IN CHECK VALVES INTEGRAL STRAINER WITH 40 MESH STAINLESS STEEL SCREENS.	2		1
ASSE 1070 TEMPERATURE LIMITING DEVICE No Scale		ELECTRIC WATER HEATER No Scale	

 REFER TO FECC CHAPTER 4 TABLE C404.5.1 REFER TO FECC CHAPTER 4 TABLE C404.5.1 "PIPING VOLUME AND MAXIMUM PIPING LENGTHS"	3
HOT WATER RETURN DIAGRAM No Scale	

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DETAILS & RISERS
P-4

DESIGN NOTES:

CODES:	
FLORIDA BUILDING CODE, SEVENTH EDITION 2020, ASCE 7-16	
DESIGN DATA:	
ULTIMATE WIND SPEED (3-SECOND GUST)	120 MPH
WIND EXPOSURE	C
BUILDING RISK CATEGORY	II
BUILDING TYPE	ENCLOSED
SOIL BEARING CAPACITY (DESIGN MAX.)	2500 PSF

LOADING:	
ROOF LIVE LOAD	20 PSF
MINIMUM INTERNAL LATERAL WALLS LOADS	
	5 PSF

MATERIALS:	
WIDE FLANGE STEEL	A572 OR A992 (50 KSI)
RECTANGULAR STRUCTURAL TUBING	A500 GRADE B (46 KSI)
ANGLES, CHANNELS AND PLATES	A36 (36 KSI)
STANDARD PIPE	A501 OR A53 GRADE B
HIGH STRENGTH BOLTS	A325N
ANCHOR BOLTS	A307
REINFORCING STEEL	A615 GRADE 60
WELDED WIRE FABRIC	A185
HEADED STUDS	A108
DEFORMED BAR ANCHOR (DBA)	A496
WELDING ELECTRODES	E70XX

CONCRETE (28 DAYS):

FOOTING	3000 PSI
SLAB ON GRADE	4000 PSI
ALL OTHER CONCRETE	3000 PSI
MAX. WATER-CEMENT RATIO (3000 PSI CONC.)	0.55
MAX. WATER-CEMENT RATIO (4000 PSI CONC.)	0.5
MAX. SLUMP (3000 PSI CONC.)	4" ± 1"
MAX. SLUMP (4000 PSI CONC.)	3" ± 1"

MASONRY

CONCRETE MASONRY UNIT (CMU)	C90, f'm = 1500 PSI (MIN.)
MORTAR	C270 TYPE M OR S BELOW GRADE, TYPE N ABOVE GRADE
GROUT	C476 2500 PSI

REINFORCED CONCRETE NOTES:

- ALL CONCRETE WORK SHALL CONFORM TO THE CURRENT EDITION OF ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".
- ALL DEVICES NECESSARY FOR PLACING, SPACING, SUPPORTING AND FASTENING OF REINFORCEMENT SHALL CONFORM TO CRSI'S MANUAL OF STANDARD PRACTICE FOR REINFORCED CONCRETE CONSTRUCTION.
- ALL CONCRETE PLACED SHALL BE VIBRATED BY MECHANICAL VIBRATORS.
- LAP SPLICES FOR REINFORCED STEEL SHALL BE ACCORDANCE WITH THE CURRENT EDITION OF ACI 318. SPLICES SHALL BE AS CALLED FOR IN THE CURRENT EDITION OF THE CRSI MANUAL OF STANDARD PRACTICE.
- SAMPLE OF TESTING SHALL BE TAKEN IN ACCORDANCE WITH ASTM C 172 AND SPECIMENS MADE IN ACCORDANCE WITH ASTM C 31. TESTING OF SPECIMENS SHALL BE IN ACCORDANCE WITH ASTM C39.
- REINFORCING OF ALL CONCRETE MEMBERS SHALL HAVE THE FOLLOWING CLEAR CONCRETE COVER:

CONCRETE CAST AGAINST EARTH	3"
FORMED SURFACE IN DIRECT CONTACT WITH EARTH	2"
BEAMS, COLUMNS, WALLS & SURFACES EXPOSED TO WEATHER	1 1/2"
CONCRETE NOT EXPOSED TO EARTH OR WEATHER	3/4"
- DOWELS FROM FOUNDATIONS OR SLABS TO WALLS SHALL MATCH WALL REINFORCING, UNLESS OTHERWISE NOTED. DOWELS SHALL BE PLACED BEFORE CONCRETE IS POURED.
- STEPS IN FOOTINGS SHALL NOT EXCEED A SLOPE OF ONE (1) VERTICAL TO TWO (2) HORIZONTAL.
- PROVIDE A MINIMUM OF TWO #5 BARS IN TOP OF CONTINUOUS WALL FOOTINGS AT DOOR AND OTHER OPENINGS, 4'-0" LONGER THAN THE OPENING.
- PROVIDE 1/2" PREMOLDED EXPANSION JOINT MATERIAL WHERE SLAB ON GRADE IS POURED AROUND COLUMNS AND AGAINST GRADE BEAMS OR WALLS, UNLESS OTHERWISE SHOWN OR NOTED.

SLAB ON GRADE NOTES:

- ALL SLABS ON GRADE TO BE IN ACCORDANCE WITH THE SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDING-ACI 301.
- NON-LOADING BEARING CMU WALLS SHALL HAVE THICKENED SLAB FOOTING PER DETAILS.
- THE FLOOR SHALL BE KEPT SATURATED AND COVERED FOR THE TEN DAY CURING PERIOD.
- THE SLAB SHALL BE THOROUGHLY FINISHED BY MACHINE TROWELING, TO PRODUCE A UNIFORMLY FINISH SURFACE.
- COMPACTION TESTS UNDER THE FOOTINGS AND SLABS ON GRADE SHALL BE TAKEN AS RECOMMENDED BY GEOTECHNICAL ENGINEER.
- CONTRACTION JOINTS SHALL BE PROVIDED IN ALL SLABS ON GRADE WHERE INDICATED ON PLANS AND AS SHOWN ON DETAILS IF NOT SPECIFIED, CONTRACTION JOINTS SHALL BE PROVIDED AT 12'-0" O.C.
- PLACE A VAPOR BARRIER BENEATH ALL SLABS ON GRADE. EXERCISE CARE THAT THE VAPOR BARRIER IS NOT DAMAGED PRIOR TO PLACEMENT OF CONCRETE.
- SAW CUT JOINTS IN SLAB ON GRADE SHALL BE ACCOMPLISHED WITHIN 24 HOURS OF SLAB PLACEMENT.
- THE CONTRACTOR SHALL PROVIDE CHAIRS AT 4'-0" CENTER TO CENTER TO SUPPORT WIRE MESH WHILE CASTING SLAB. PULL FABRIC UP BETWEEN SUPPORTS TO PROVIDE 2" CLEARANCE TO TOP OF SLAB.

REINFORCED MASONRY NOTES:

- ALL MASONRY CONSTRUCTION SHALL COMPLY WITH THE CURRENT EDITION OF ACI 530 "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES".
- FILL ALL CELLS BELOW FINISHED GRADE.
- PROVIDE #9 ONLY. HORIZONTAL JOINT REINFORCEMENT IN WALL AT 16" O.C. VERTICALLY U.O.N.
- PROVIDE VERTICAL CONTROL JOINTS AT 24'-0" O.C. MAXIMUM.
- PROVIDE ONE #5 BAR VERTICAL MINIMUM AT ALL CORNERS, INTERSECTIONS AND EACH SIDE OF CONTROL JOINT.
- PROVIDE TWO #5 BARS VERTICAL MINIMUM AT 8" O.C. AT ENDS OF WALLS.
- PROVIDE ONE #5 BAR VERTICAL MINIMUM EACH SIDE OF OPENING 4'-0" WIDE OR LESS.
- PROVIDE TWO #5 BARS VERTICAL MINIMUM AT 8" O.C. AT EACH SIDE OF OPENING GREATER THAN 4'-0" WIDE
- THE REINFORCEMENT SHOULD EXTEND FROM THE FOOTING TO THE UPPER MOST TIE BEAM, TYPICALLY TOP OF THE WALL.
- WHEN A FOUNDATION DOWEL DOES NOT LINE UP WITH CORE OF A BLOCK, THE DOWEL MAY BE SLOPED SUCH THAT THE SLOPE DOES NOT EXCEED ONE HORIZONTAL TO 8 VERTICAL.
- CMU WALLS SHALL BE PROPERLY BRACED TEMPORARILY DURING CONSTRUCTION.
- THE BEAMS SHALL BE CONTINUOUS THROUGH CONTROL JOINTS.
- ALL REINFORCED VERTICAL CELLS SHALL BE GROUTED WITH MAXIMUM 5'-0" LIFTS.

STRUCTURAL STEEL NOTES:

- ALL STRUCTURAL STEEL WORK SHALL CONFORM TO THE CURRENT EDITION OF A.I.S.C.
- SHOP DRAWING FOR STRUCTURAL STEEL SHALL BE SUBMITTED AND APPROVED PRIOR TO ANY FABRICATION.
- ALL WELDS SHALL CONFORM TO AWS 2011, "STRUCTURAL WELDING CODE".
- GROUT USED IN GROUT BEDS UNDER COLUMNS BASE PLATES SHALL BE CEMENT BASED, NON-SHRINK GROUT.
- THE STRUCTURAL STEEL ERECTOR SHALL PROVIDE TEMPORARY BRACING OF THE STRUCTURAL STEEL FRAME WORK AGAINST LATERAL LOADING SUCH AS WIND. THIS BRACING SHALL REMAIN IN PLACE UNTIL THE FINAL SYSTEM FOR RESISTING LATERAL LOADS IS IN PLACE.
- ALL STRUCTURAL STEEL ITEMS SHALL RECEIVE ONE SHOP COAT OF RUST INHIBITIVE PAINT UNLESS OTHERWISE SPECIFIED OR INDICATED, PAINT SHALL BE OF GRAY COLOR.

GENERAL REQUIREMENTS:

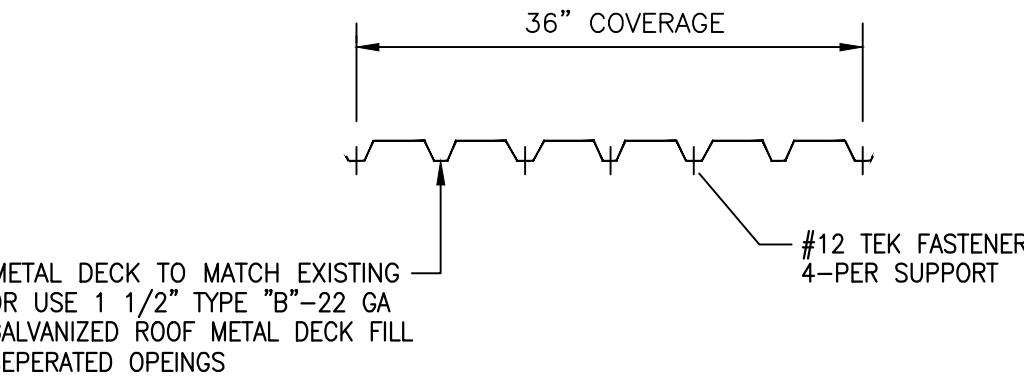
- THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED UPON STRUCTURAL FRAMING. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN CAPACITY OF THE FRAMING AT THE TIME THE LOADS ARE IMPOSED.
- DO NOT SCALE THESE DRAWINGS / USE DIMENSIONS INDICATED.
- NO CHANGE IN SIZE OR DIMENSION OF STRUCTURAL MEMBERS SHALL BE MADE WITHOUT WRITTEN APPROVAL OF THE ENGINEER.
- NO OPENINGS SHALL BE MADE IN ANY STRUCTURAL MEMBER WITHOUT A WRITTEN APPROVAL OF THE ARCHITECT.
- THE STRUCTURAL ENGINEER SHALL NOT HAVE CONTROL OR BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES OR SEQUENCES, FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, OR ANY OTHER PERSONS PERFORMING THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

LIGHT GAUGE METAL FRAMING:

- THE LIGHT GAUGE METAL FRAMING SHOWN ON THE DRAWINGS ARE DIAGRAMMATIC ONLY. MEMBER SIZES, CONFIGURATIONS, DETAILS AND CONNECTIONS SHALL BE DESIGNED BY THE SUPPLIER DELEGATED ENGINEER, WHO SHALL BE REGISTERED ENGINEER IN THE STATE OF FLORIDA.
- SIGNED AND SEALED SHOP DRAWINGS WITH CALCULATIONS SHALL BE SUBMITTED TO ENGINEER OF RECORD FOR APPROVAL BEFORE START CONSTRUCTION. SHOP DRAWINGS SHALL INCLUDE BUT NOT LIMITED TO THE FOLLOWINGS ITEMS:
 - EXTERIOR AND LOAD BEARING WALLS DESIGN.
 - DESIGN OF OPENINGS INCLUDING HEADERS, JAMBS & SILLS.
 - DESIGN OF EXTERIOR SOFFITS & CEILINGS.
 - CONNECTIONS AND ATTACHMENTS TO EXISTING STRUCTURE.
- ALL LIGHT GAUGE METAL FRAMING SHALL BE DESIGNED IN ACCORDANCE WITH AMERICAN IRON AND STEEL INSTITUTE (AISC) "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURE MEMBERS".
- ALL FRAMING MEMBERS SHALL BE FORMED FROM STEEL WITH A MINIMUM YIELD STRENGTH AS FOLLOWING:
 - 18 GAUGE SECTIONS & LIGHTER Fy (MINIMUM) = 33 KSI
 - 16 GAUGE SECTIONS & HEAVIER Fy (MINIMUM) = 50 KSI
- ALL FRAMING SHALL BE HOT DIPPED GALVANIZED.
- ALL CONNECTIONS SHALL BE SCREWED OR WELDED. ALL WELDS SHALL BE TOUCHED UP WITH ZINC-RICH PAINT.
- POWER DRIVEN FASTENERS ARE NOT ACCEPTABLE FOR ANY STRUCTURAL APPLICATION UNLESS THEY COMPLETELY PENETRATE THE STRUCTURAL STEEL.
- STUD WALL FRAMING SHALL HAVE CONTINUOUS SHEATHING ON EACH SIDE, OTHERWISE LATERAL BRACING SHALL BE INSTALLED AT A MAXIMUM SPACING OF 48".

ROOF METAL DECK REPAIRS AND ROOF OPENING FILL:

EXISTING ROOF METAL DECK REPAIR AND EXISTING OPENING FILL SHALL BE CONDUCTED WITH USING THE FOLLOWING DIAGRAM.

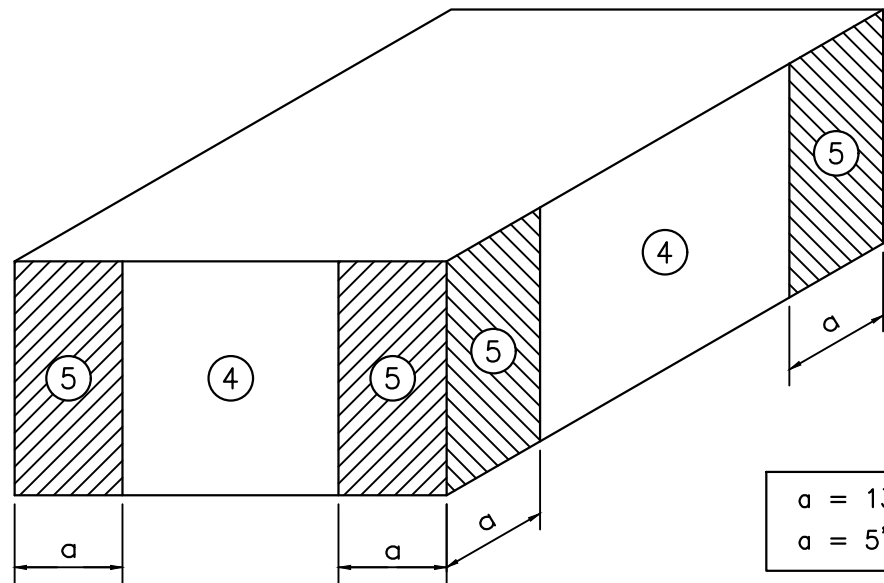


ROOF DECK ATTACHMENT DIAGRAM (36/5/4 PATTERN)

- DECK SHALL BE ATTACHED TO ALL STRUCTURAL SUPPORT WITH #12 TEK SCREWS.
- SIDE LAPS BETWEEN STRUCTURAL SUPPORTS SHALL BE FASTENED BY #10 TEK SCREWS
- ATTACHMENT AROUND OPENINGS SHALL BE #12 TEK SCREWS
- ATTACHMENT AT SIDE SUPPORTS ALONG PERIMETER SHALL BE #12 TEK SCREWS @ 12" O.C. (METAL ANGLE)
- ATTACHMENT AT SIDE SUPPORTS ALONG PERIMETER SHALL BE 5/8" DIA PUDDLE WELDS @ 12" O.C (STEEL PLATE OR ANGLE)
- END LAPS SHALL BE A MINIMUM OF 3" AND SHALL OCCUR OVER SUPPORT

ALUMINUM CANOPY NOTES:

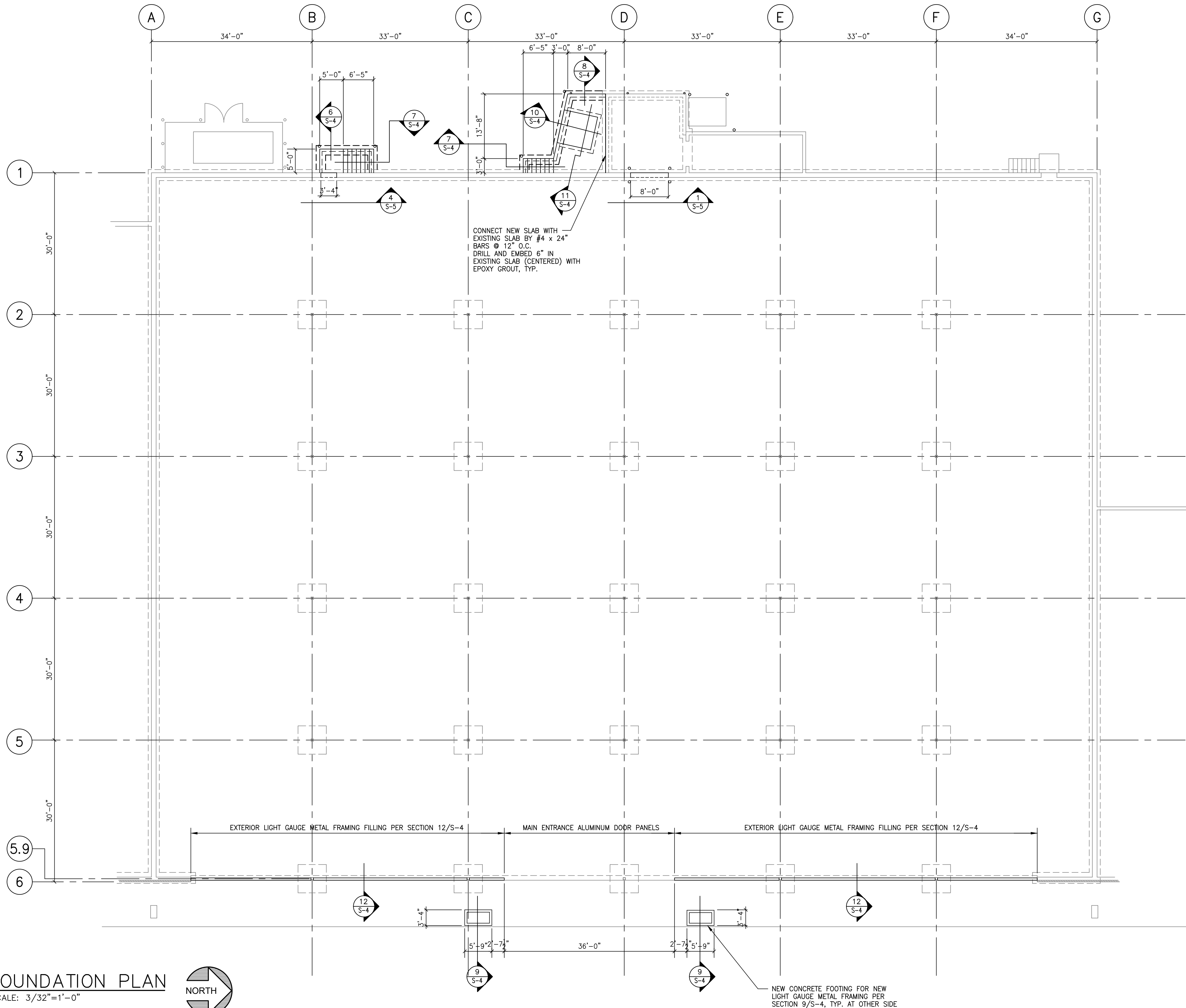
- CANOPY DESIGN SHALL BE ACCORDING WITH THE FOLLOWING CODES AND STANDARDS:
 - FLORIDA BUILDING CODE, SEVENTH EDITION 2020.
 - ASCE 7-16 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.
 - ALUMINUM DESIGN MANUAL 2015
- CANOPY DESIGN DEAD LOAD = SELF WEIGHT
- CANOPY DESIGN ROOF LIVE LOAD = 20 PSF
- CANOPY DESIGN WIND LOAD PER MAIN DESIGN CRITERIA ON THIS SHEET
- CANOPY COLOR SHALL AND TYPE SHALL BE ACCORDING TO ARCHITECTURAL DRAWINGS.
- ALL EXTERIOR FLASHING AROUND THE CANOPY AND EXTERIOR OPENING EDGES FLASHING SHALL MATCH CANOPY COLOR.
- CANOPY ROOF EAST END SHALL BE CONNECTED TO EXISTING MASORY WALL. AT WEST END CANOPY SHALL BE SUPPORTED BY THREE PROPOSED COLUMNS. DESIGN SHALL INCULED COLUMNS DETAILS AND CONNECTIONS.
- CONTRACTOR SHALL SUBMIT SIGNED AND SEALED CANOPY SHOP DRAWINGS DESIGNED BY SPECIALTY REGISTERED ENGINEER IN FLORIDA BEFORE START CONSTRUCTION. SHOP DRAWINGS SHALL INCLUDE ALL ATTACHMENTS DETAILS.



WIND ZONES FOR WALL COMPONENTS AND CLADDING
N.T.S.

ULTIMATE COMPONENT AND CLADDING WIND PRESSURE (PSF)											
AREA SQ. FT.	ROOF			WALLS			OVERHANGS		PARAPETS		
	ZONE ①	ZONE ②	ZONE ③	INWARD	OUTWARD				INWARD	OUTWARD	
				ZONE ④&⑤	ZONE ④	ZONE ⑤	ZONE ②	ZONE ③	ZONE ④&⑤	ZONE ④	ZONE ⑤
10	54.2	71.5	71.5	34.0	36.9	45.6	66.3	66.3	100.8	64.2	73.3
20	50.6	66.9	66.9	32.5	35.4	42.5	60.2	60.2	94.3	60.9	68.5
50	45.9	60.8	60.8	30.5	33.3	38.4	52.1	52.1	85.8	56.6	62.0
100	42.9	56.2	56.2	28.9	31.8	35.4	46.0	46.0	79.3	53.4	57.2
NOTE: FOR ALLOWABLE WIND PRESSURE, MULTIPLY ULTIMATE WIND PRESSURE BY 0.6											

STRUCTURAL ABBREVIATIONS	
A.B.	ANCHOR BOLT
ARCH	ARCHITECTURAL
B	BEAM
BRG	BEARING
BOT	BOTTOM
BLDG	BUILDING
CL	CENTER LINE
C.I.P.	CAST IN PLACE
CJ	CONTROL JOINT
CLR	CLEAR
COL	COLUMN
CONC	CONCRETE
CMU	CONCRETE MASONRY UNIT
CONT	CONTINUOUS
D	DEPTH
DAB	DEFORMED ANCHOR BAR
DBL	DOUBLE
DIAG	DIAGONAL
DIA	DIAMETER
DIM	DIMENSION
DWG	DRAWING
DN	DOWN
DWL	DOWEL
EA	EACH
EF	EACH FACE
EW	EACH WAY
ELEV. EL	ELEVATION
EQ	EQUAL
EXIST	EXISTING
EXP	EXPANSION
EJ	EXPANSION JOINT
FFE	FINISHED FLOOR ELEVATION
FL, FLR	FLOOR
FS	FAR SIDE
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
HD STUDS	HEADED STUDS
HK	HOOK
HORIZ	HORIZONTAL
INFO	INFORMATION
INT	INTERIOR
JT	JOINT
LG	LONG
LLV	LONG LEG VERTICAL
LLH	LONG LEG HORIZONTAL
L.W.	LONG WAY
MECH	MECHANICAL
MAX	MAXIMUM
MC	MOMENT CONNECTION
MEZZ	MEZZANINE
MTL	METAL
MIN	MINIMUM
MISC	MISCELLANEOUS
NO	NUMBER
NTS	NOT TO SCALE
O.C.	ON CENTER
OPNG	OPENING
OHD	OVER HEAD DOOR
PAP	POWDER ACTUATED FASTENERS
PL	PLATE
PSF	POUNDS PER SQ. FOOT
PSI	POUNDS PER SQ. INCH
REF	REFERENCE
REV	REVISION
REINF	REINFORCING
REQ'D	REQUIRED
SCHD.	SCHEDULE
SECT	SECTION
SIM	SIMILAR
SL	SLOPE
SS	STAINLESS STEEL
STD	STANDARD
SPECS	SPECIFICATIONS
SQ	SQUARE
S.W.	SHORT WAY
T	TOP
T & B	TOP & BOTTOM
T/S	TOP OF STEEL
T/B	TOP OF BEAM
T/SLAB	TOP OF SLAB
T/FTG	TOP OF FOOTING
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
VERT	VERTICAL
W	WITH
W/O	WITHOUT
WT	WEIGHT
WWF	WELDED WIRE FABRIC
±	PLUS/MINUS



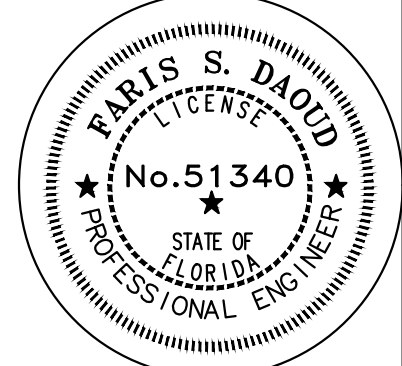
FOUNDATION PLAN

SCALE: 3/32"=1'-0"



NOTES:

1. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND DIMENSION IN THE FIELD BEFORE START CONSTRUCTION.
2. SEE DESIGN NOTES ON THIS SHEET S-1.
3. ALL ITEMS TO BE REMOVED SHOULD BE TOTALLY SAW CUT AND SEPARATED FORM THE MAIN STRUCTURE FIRST. STRUCTURAL INTEGRITY OF ALL STRUCTURAL ELEMENTS TO BE REMAINED SHOULD BE WELL MAINTAINED.
4. CONTRACTOR TO VERIFY IN THE FIELD AND COORDINATE WITH THE ARCHITECTURAL DRAWINGS FOR ITEMS TO BE DEMO.
5. CONTRACTOR SHALL SUBMIT SHOP DRAWING FOR MAIN ENTRANCE ALUMINUM DOOR PANELS COMPLY WITH LOADING DESIGN CRITERIA, INCLUDING INSTALLATION ATTACHMENTS DETAILS.



5th Revision	
4th Revision	
3rd Revision	
2nd Revision	
1st Revision	
Issue Date	Oct. 25, 2021
Project Number	20210607

ROOF FRAMING PLAN

SCALE: 3/32"=1'-0"

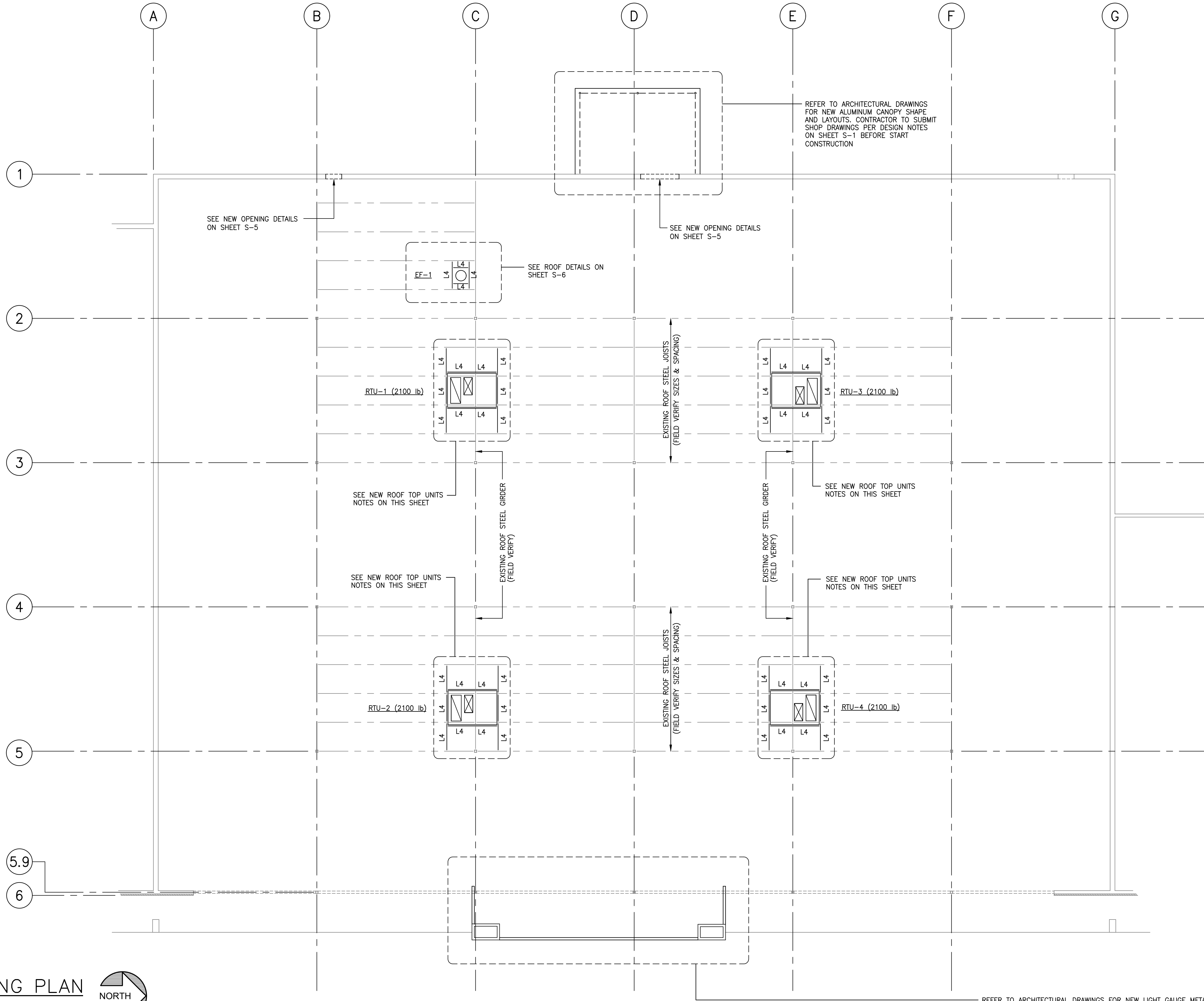


NOTES:

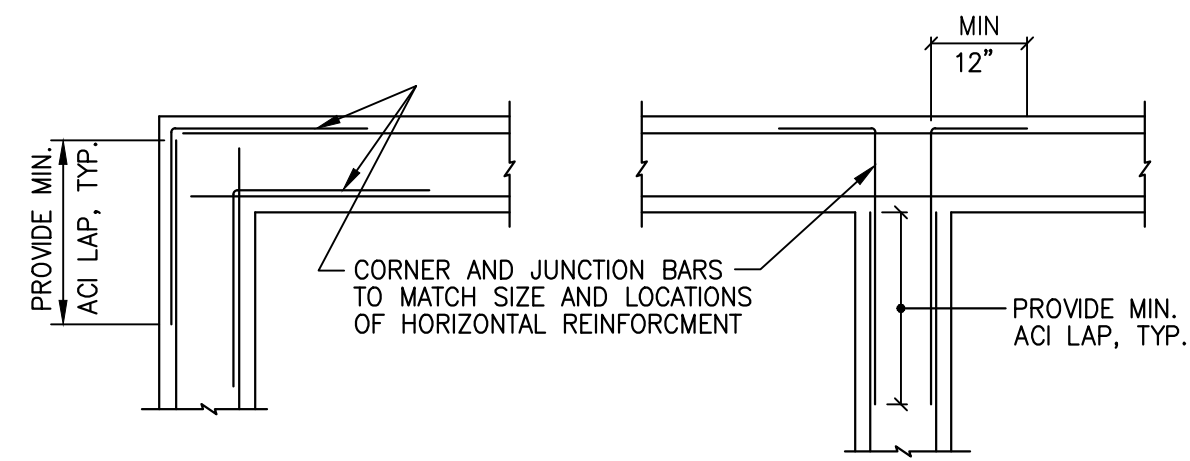
1. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND DIMENSION IN THE FIELD BEFORE START CONSTRUCTION.
2. SEE DESIGN NOTES ON THIS SHEET S-1.
3. ALL ITEMS TO BE REMOVED SHOULD BE TOTALLY SAW CUT AND SEPARATED FORM THE MAIN STRUCTURE FIRST
STRUCTURAL INTEGRITY OF ALL STRUCTURAL ELEMENTS TO BE REMAINED SHOULD BE WELL MAINTAINED.

NEW ROOF TOP UNITS NOTES:

1. CONTRACTOR SHALL SUBMIT STEEL ROOF SHOP DRAWINGS TO SUPPORT THE NEW ROOF TOP UNITS. SHOP DRAWINGS SHALL BE DESIGNED AND SIGNED AND SEALED BY REGISTERED ENGINEER IN FLORIDA.
2. EXISTING ROOF FRAMING ELEMENTS SHALL BE VERIFIED IN THE FILED TO SPECIFY THE SIZES AND SPACING.
3. STRENGTHENING OF EXISTING ROOF ELEMENTS AT THE SUBJECT RTU'S LOCATION SHALL DESIGNED AS REQUIRED TO SUPPORT THE NEW UNITS LOADING.
4. REFER TO SHEET S-5 DETAILS FOR REFERENCE AND CONCEPT DESIGN OF ROOF FRAMING AND STRENGTHENING THE EXISTING FRAMING FOR THE SUPPORT OF NEW RTU'S.
5. L4 REFER TO NEW STEEL ANGLES AT THE PERIMETER OF NEW RTU'S CURBS.
6. MECHANICAL ENGINEER TO REVIEW DUCTS OPENING SIZES ACCORDING TO THE AVAILABLE JOISTS SPACING, WHICH SHOULD BE VERIFIED IN THE FIELD.



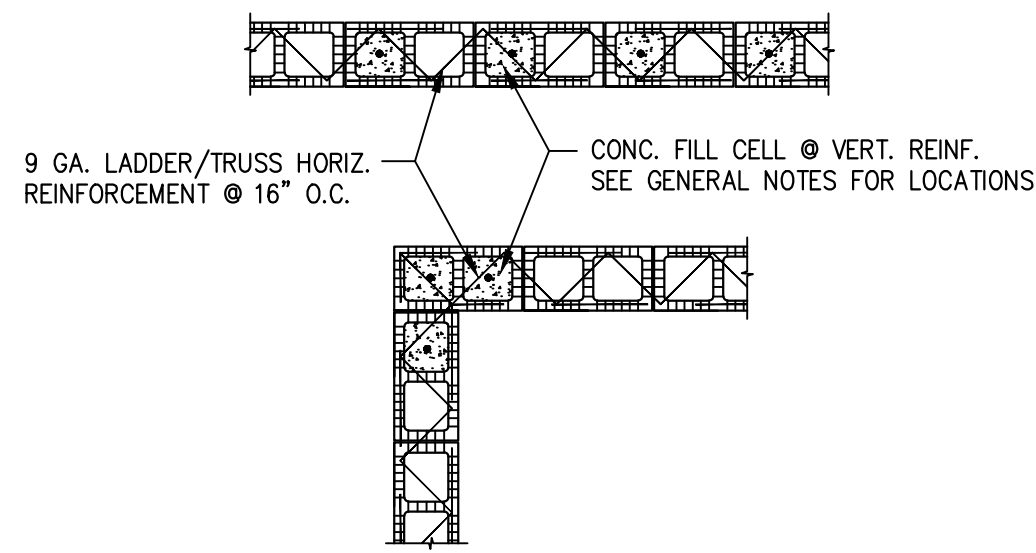
REFER TO ARCHITECTURAL DRAWINGS FOR NEW LIGHT GAUGE METAL
FACADE WORK SHAPES AND LAYOUTS. CONTRACTOR TO SUBMIT SHOP
DRAWINGS DESIGNED BY SPECIALTY ENGINEER PER DESIGN NOTES
ON SHEET S-1 BEFORE START CONSTRUCTION.
(SEE WIND PRESSURE DIAGRAM ON SHEET S-1 FOR NEW PARAPETS DESIGN)



TYPICAL WALL & FOOTING REINFORCING DETAIL

DETAIL
SCALE: N.T.S.

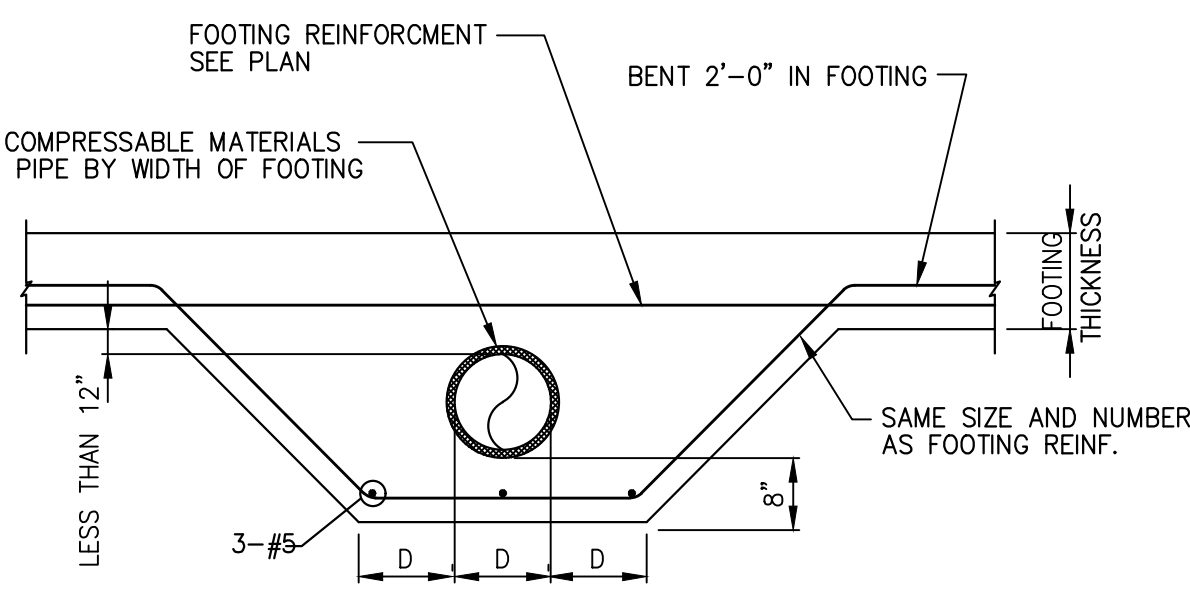
1
S-4



TYP. HORIZ. MASONRY REINFORCING

DETAIL
SCALE: N.T.S.

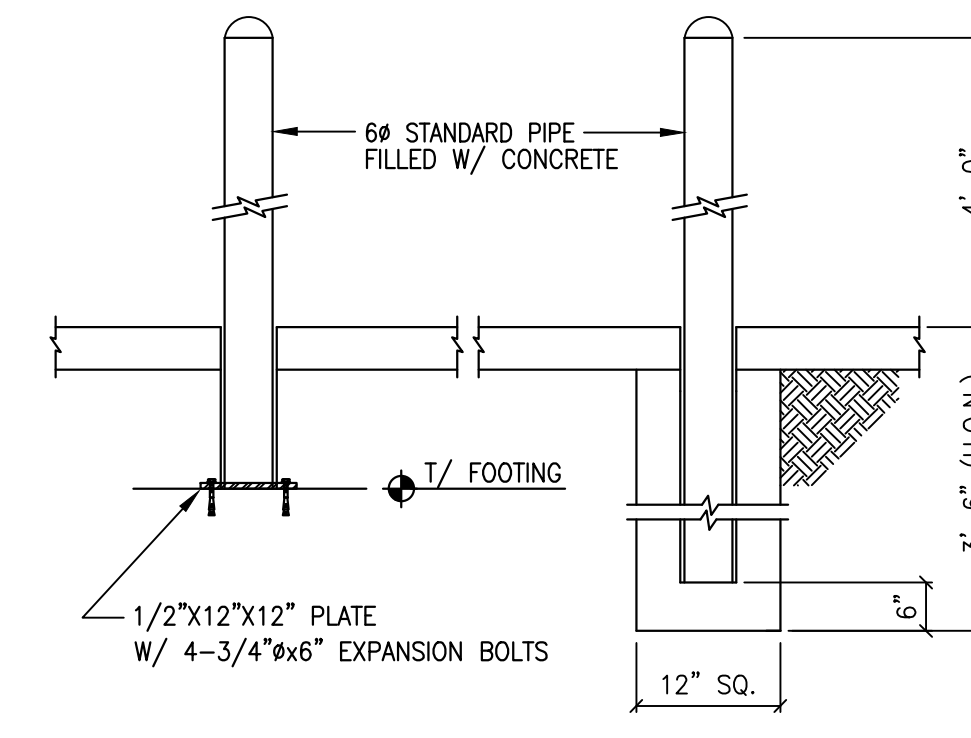
2
S-4



TYP. FOOTING DETAIL AT PIPES LOCATIONS

DETAIL
SCALE: N.T.S.

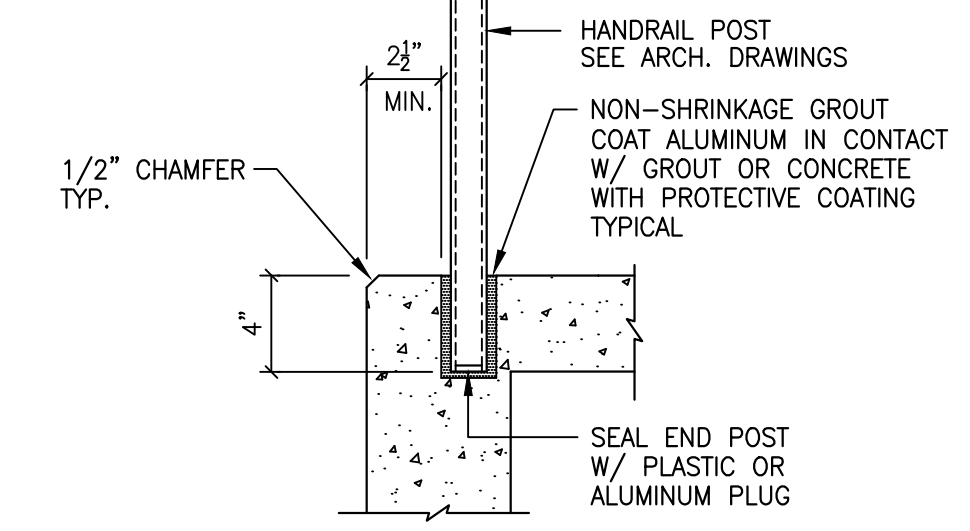
3
S-4



TYP. GUARD POST DETAIL

DETAIL
SCALE: N.T.S.

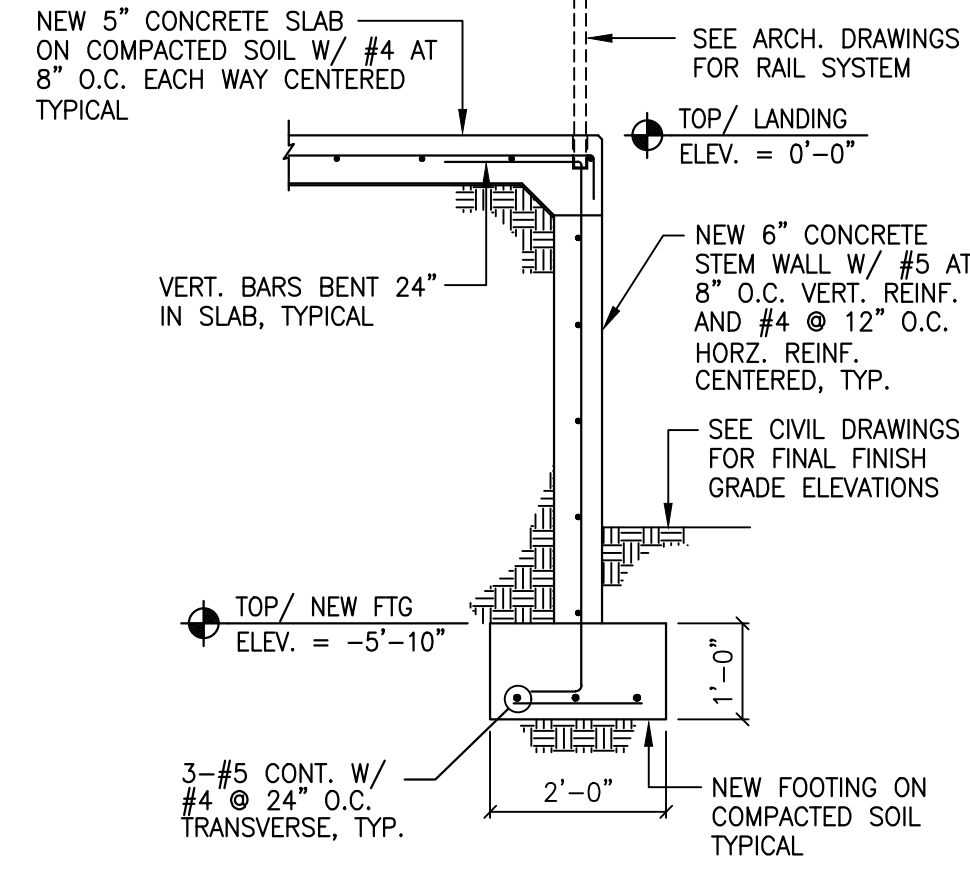
4
S-4



HANDRAIL EMBED DETAIL

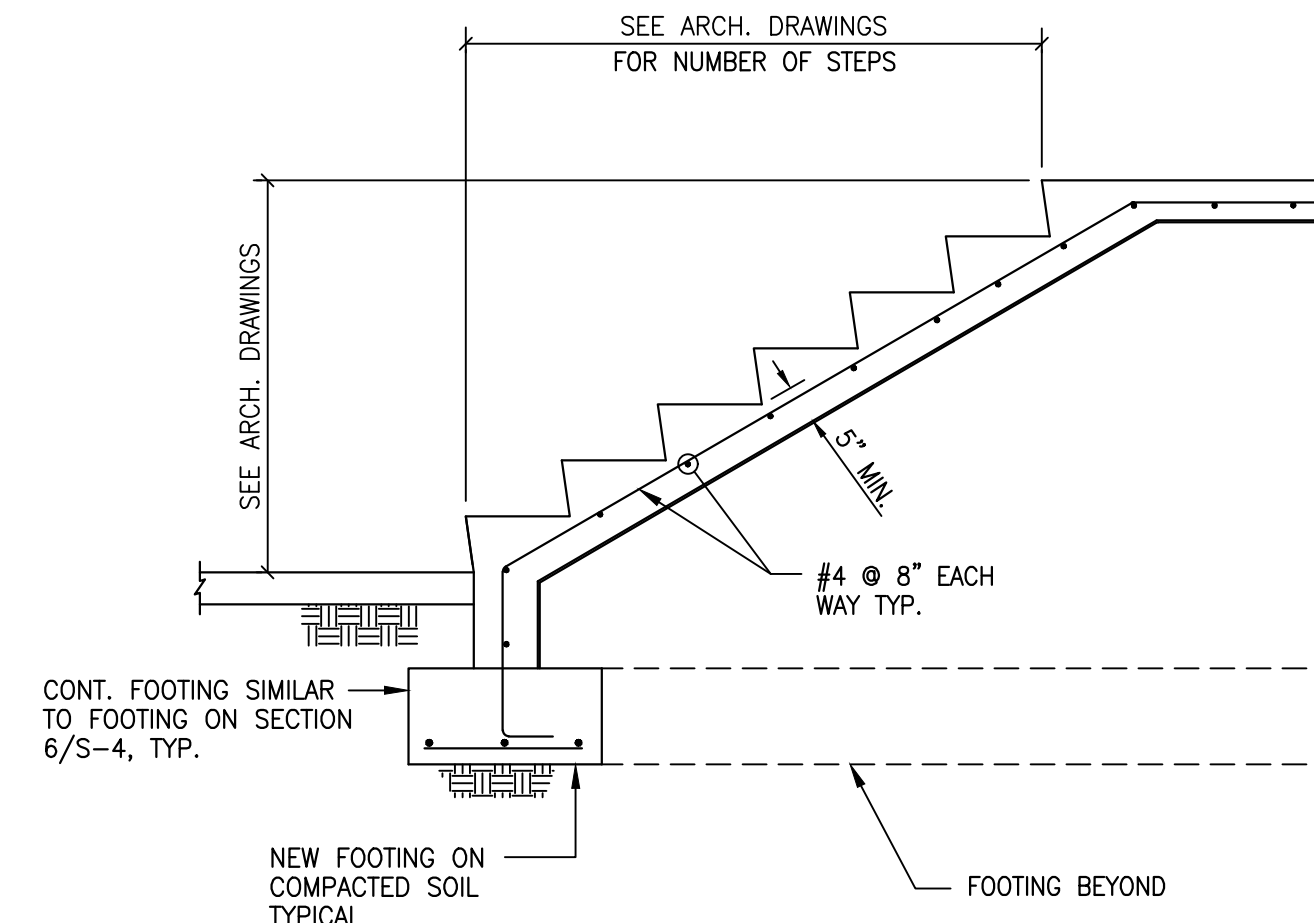
DETAIL
SCALE: N.T.S.

5
S-4



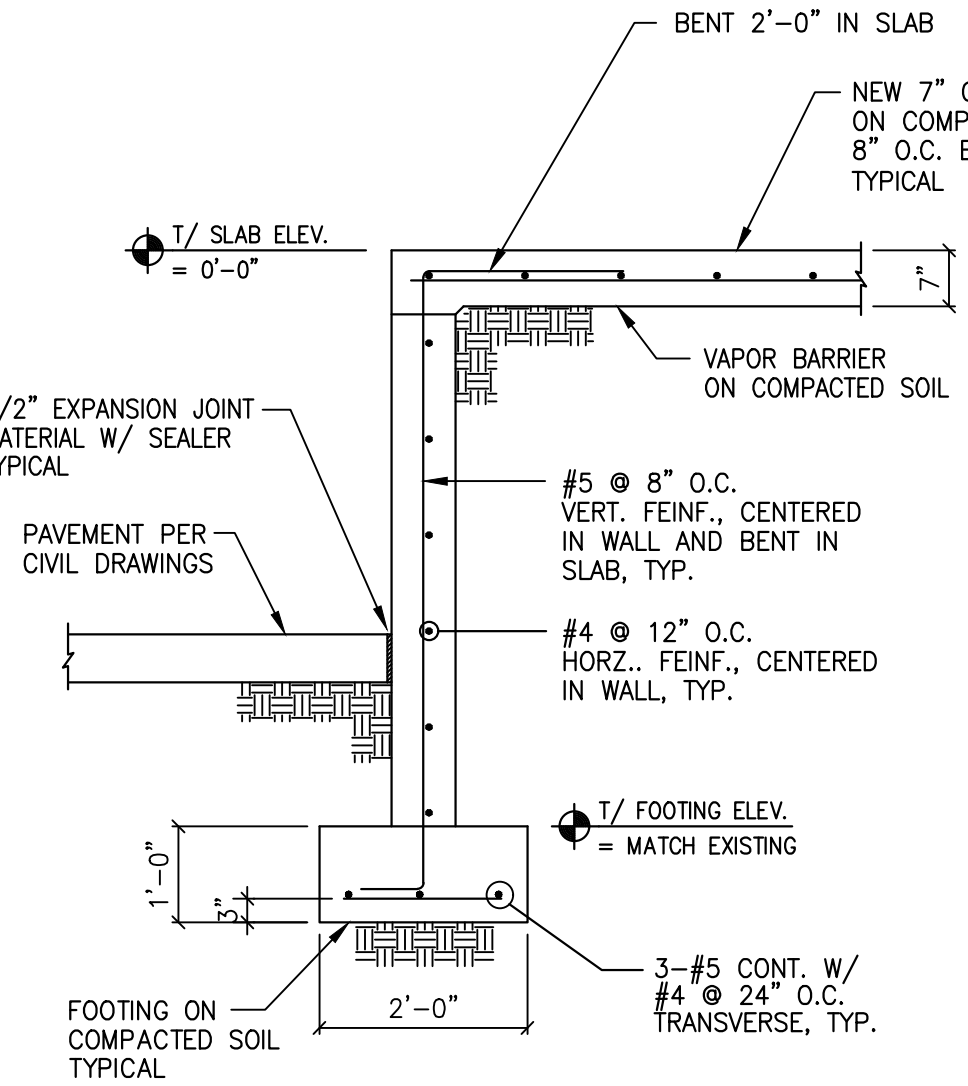
SECTION
SCALE: 1/2"=1'-0"

6
S-4



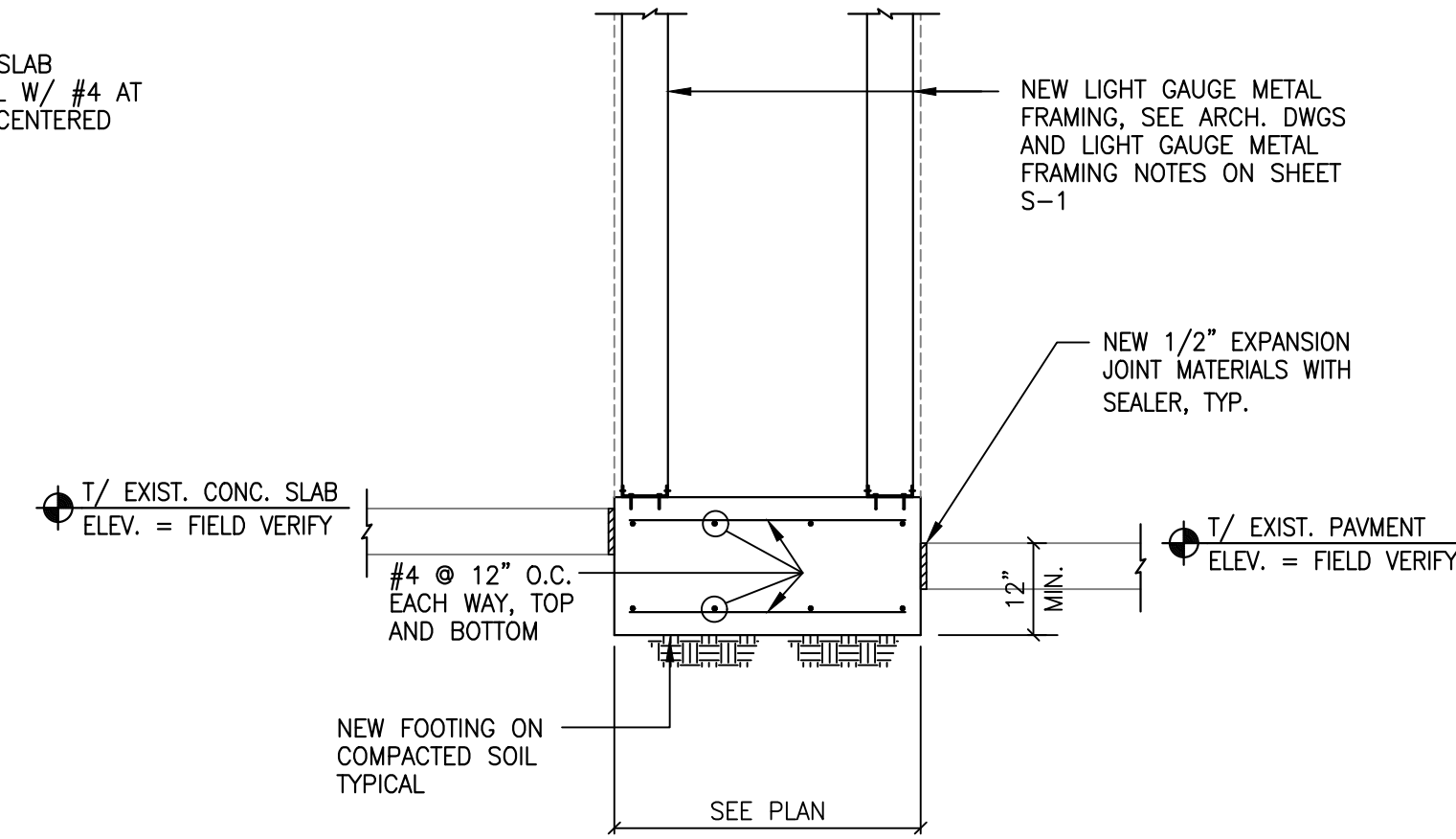
SECTION
SCALE: 1/2"=1'-0"

7
S-4



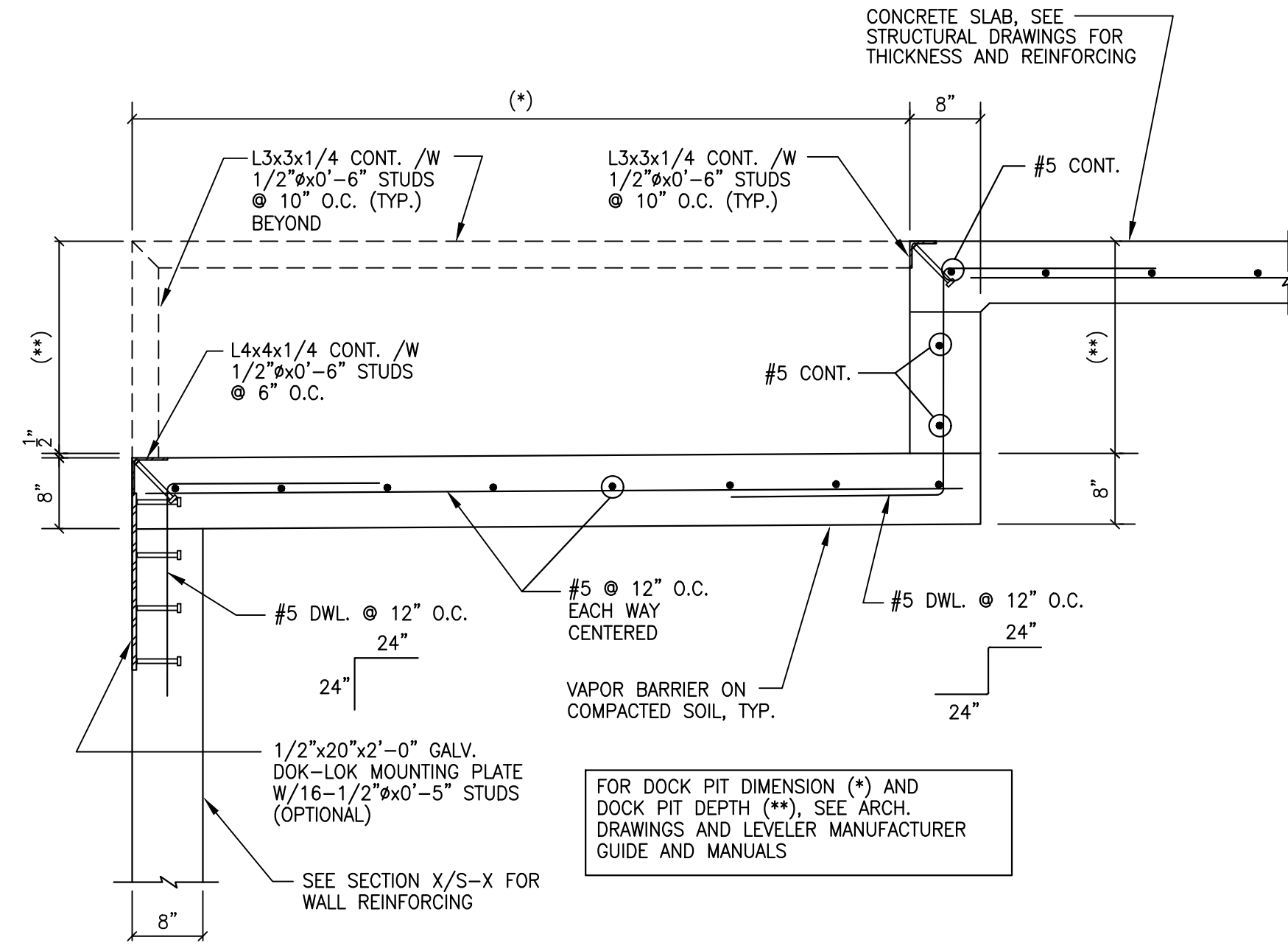
SECTION
SCALE: 1/2"=1'-0"

8
S-4



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

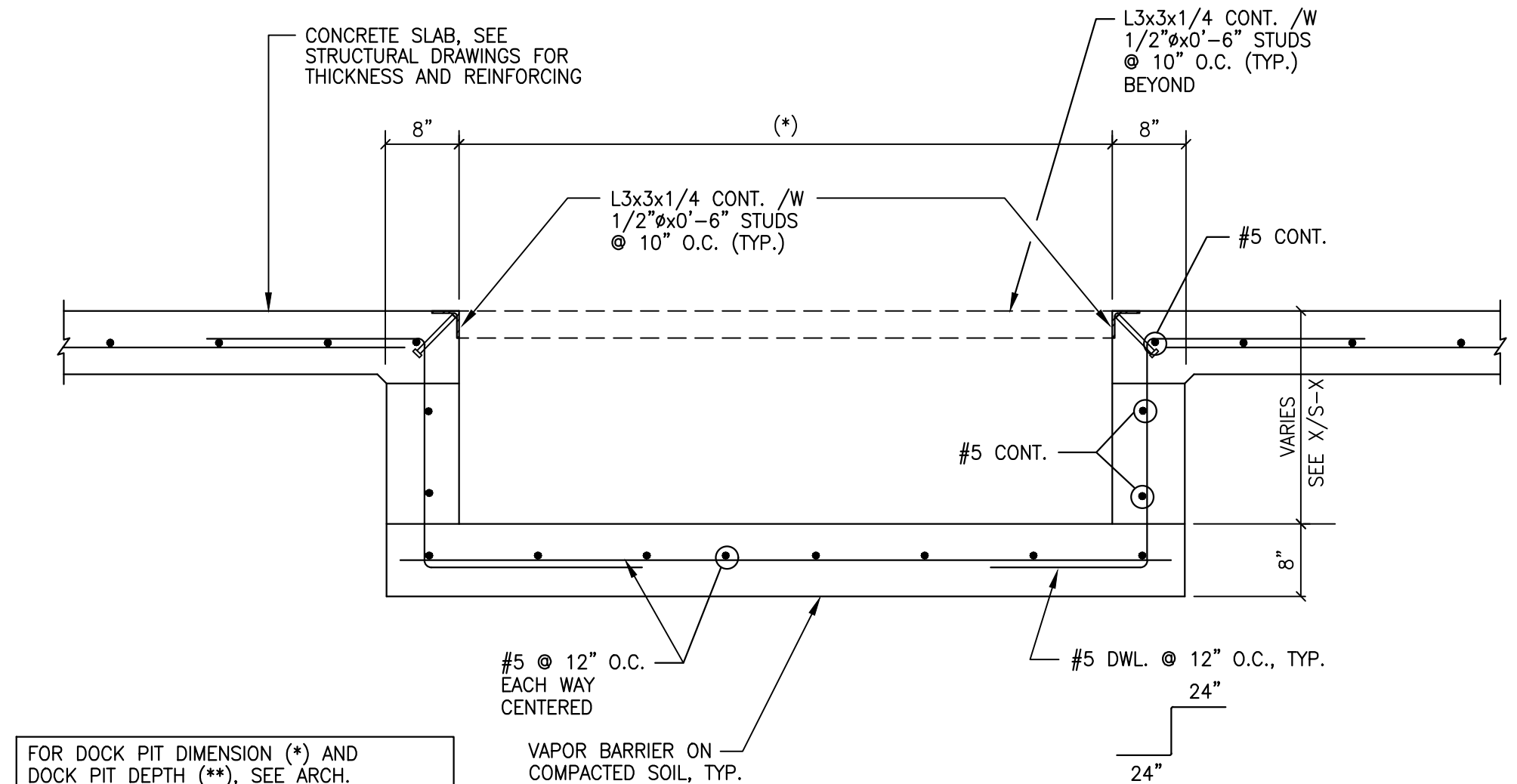
9
S-4



LONGITUDINAL - SECTION THRU DOCK PIT

SECTION
SCALE: 3/4"=1'-0"

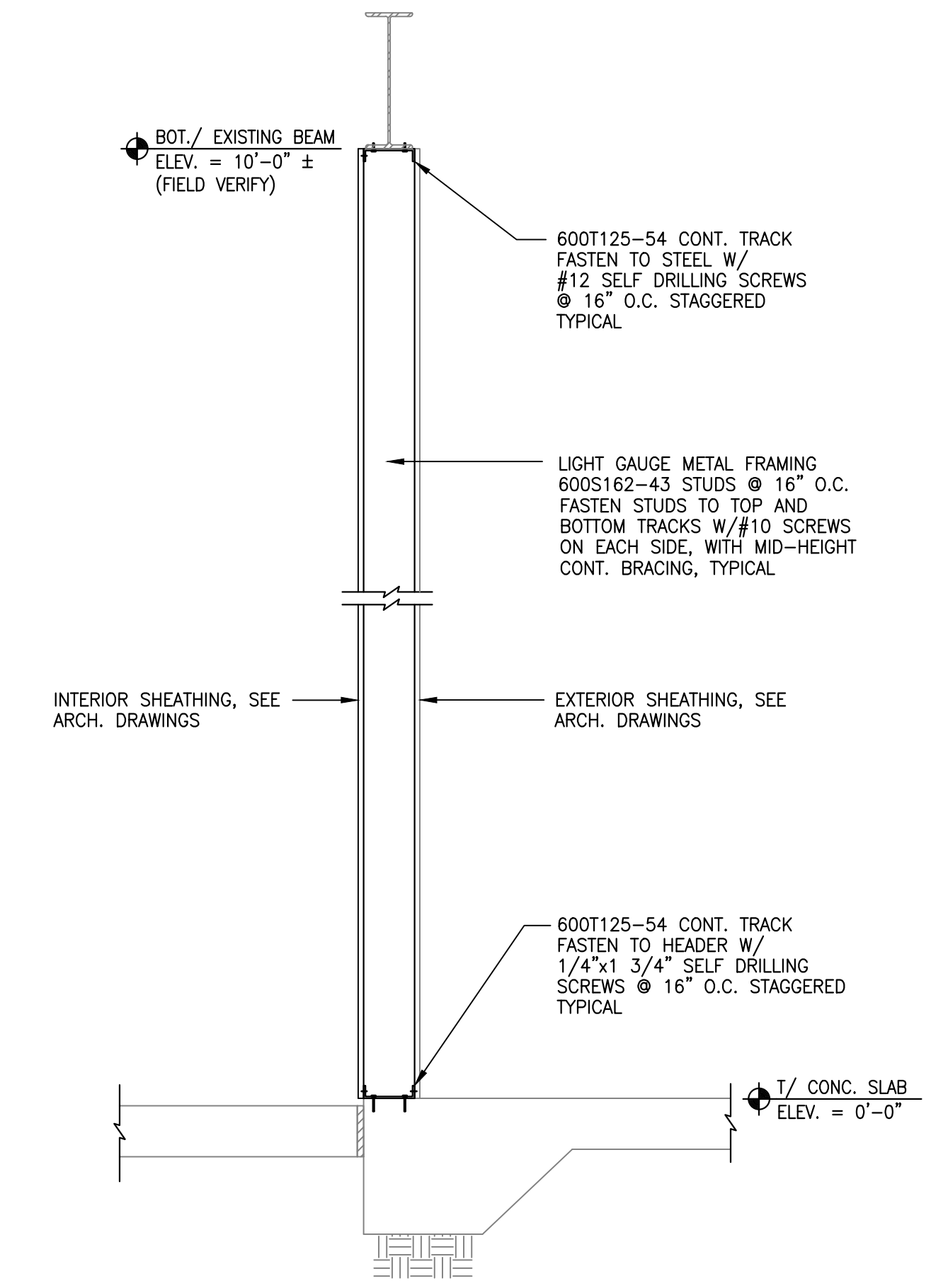
10
S-4



SECTION THRU DOCK PIT

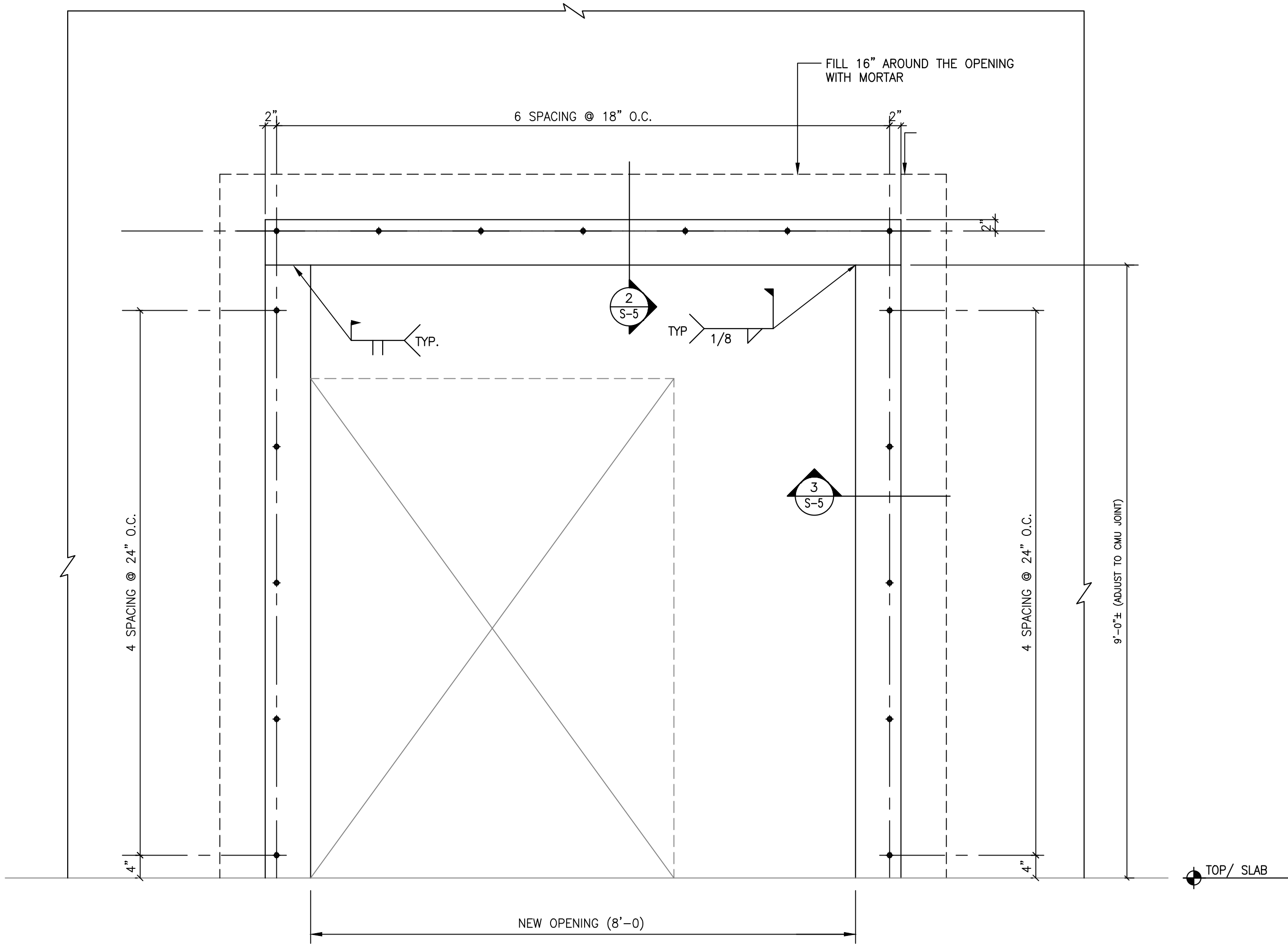
SECTION
SCALE: 3/4"=1'-0"

11
S-4



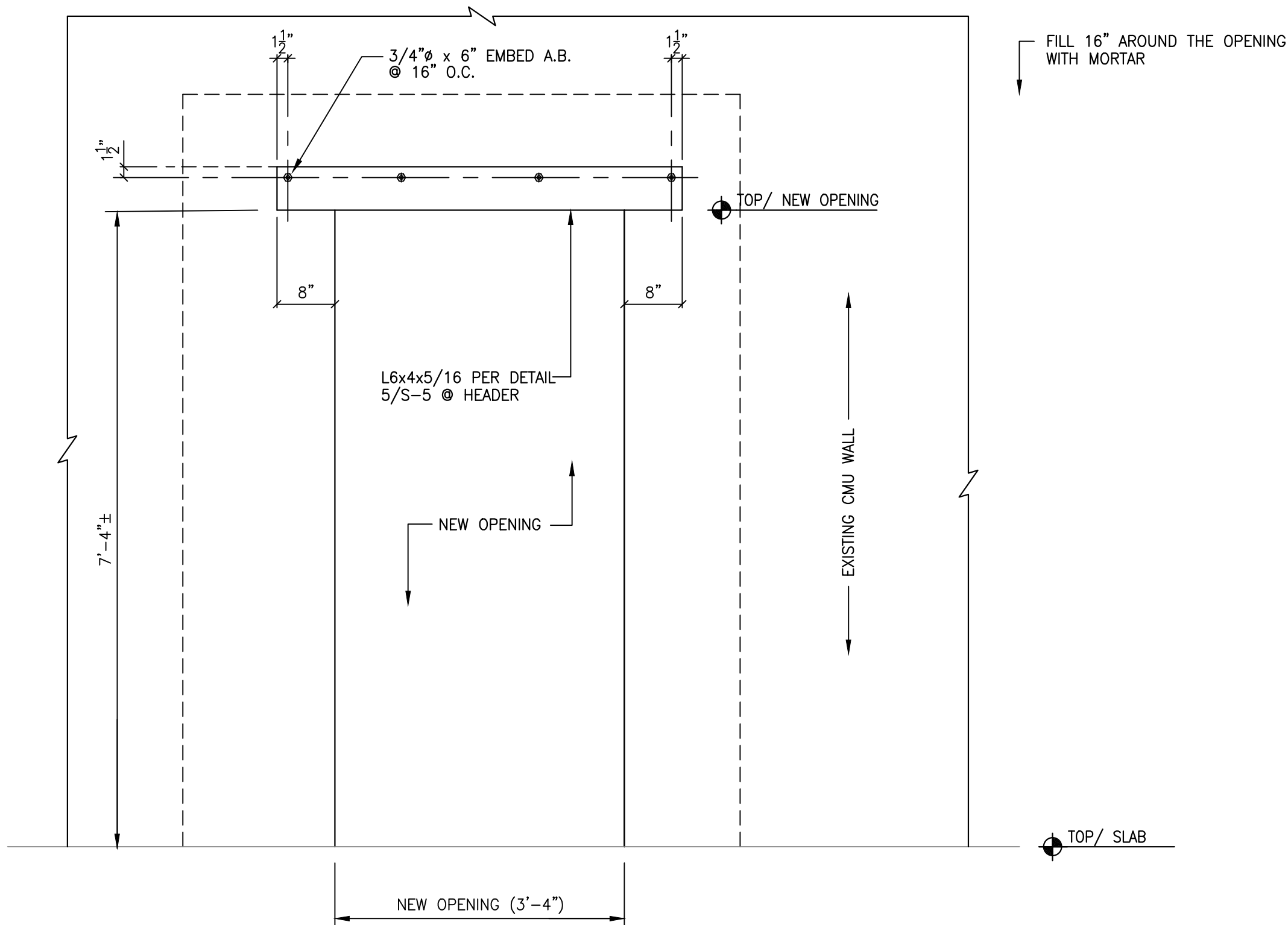
SECTION
SCALE: 3/4"=1'-0"

12
S-4



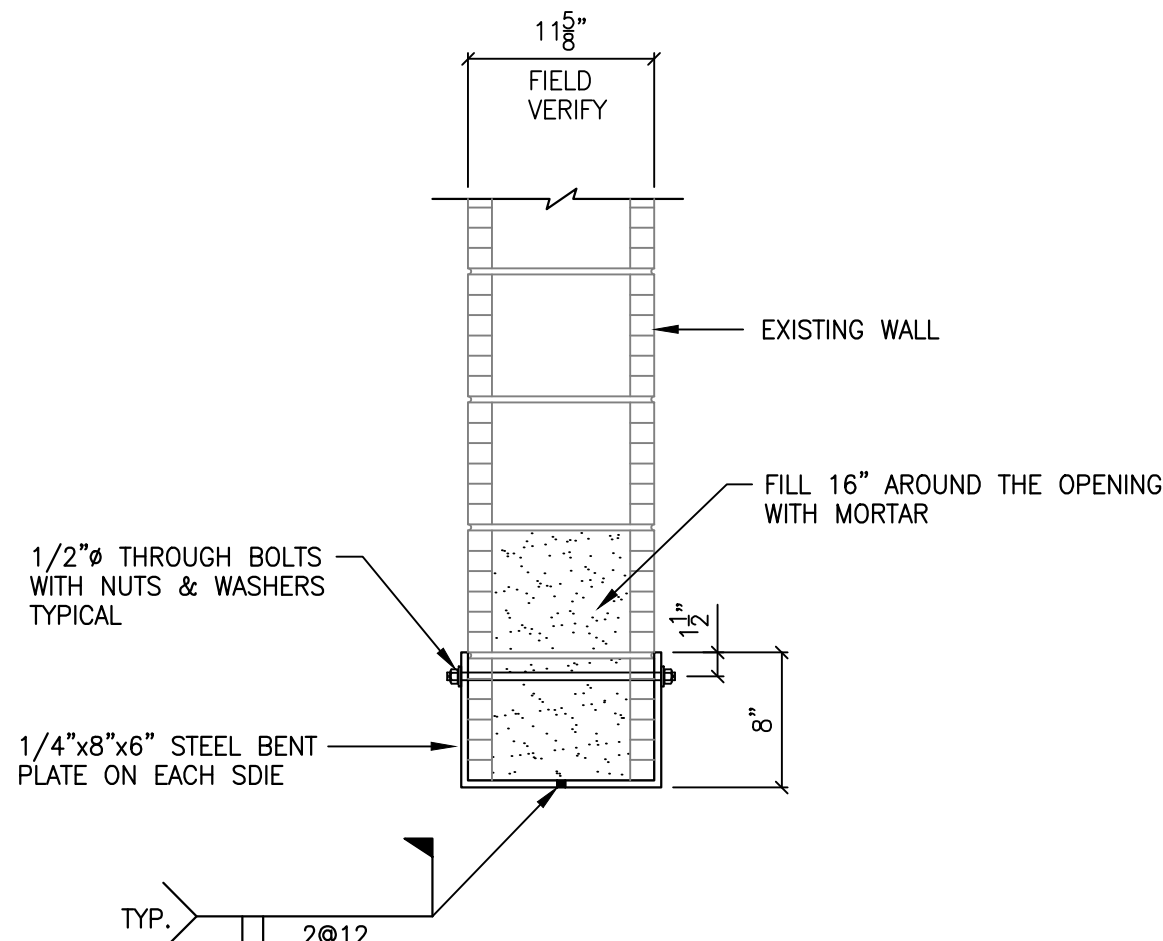
PROFILE
SCALE: 3/4"=1'-0"

1
S-5



PROFILE
SCALE: 3/4"=1'-0"

4
S-5



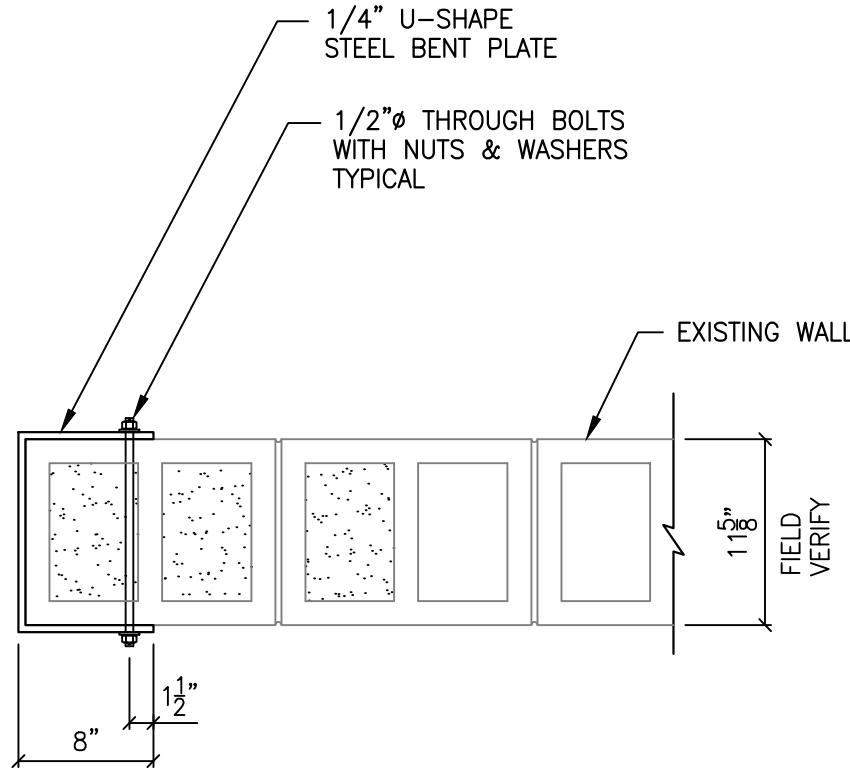
NEW OPENING-HEADER DETAIL

SECTION
SCALE: 1"=1'-0"

2
S-5

CONSTRUCTION SEQUENCE:

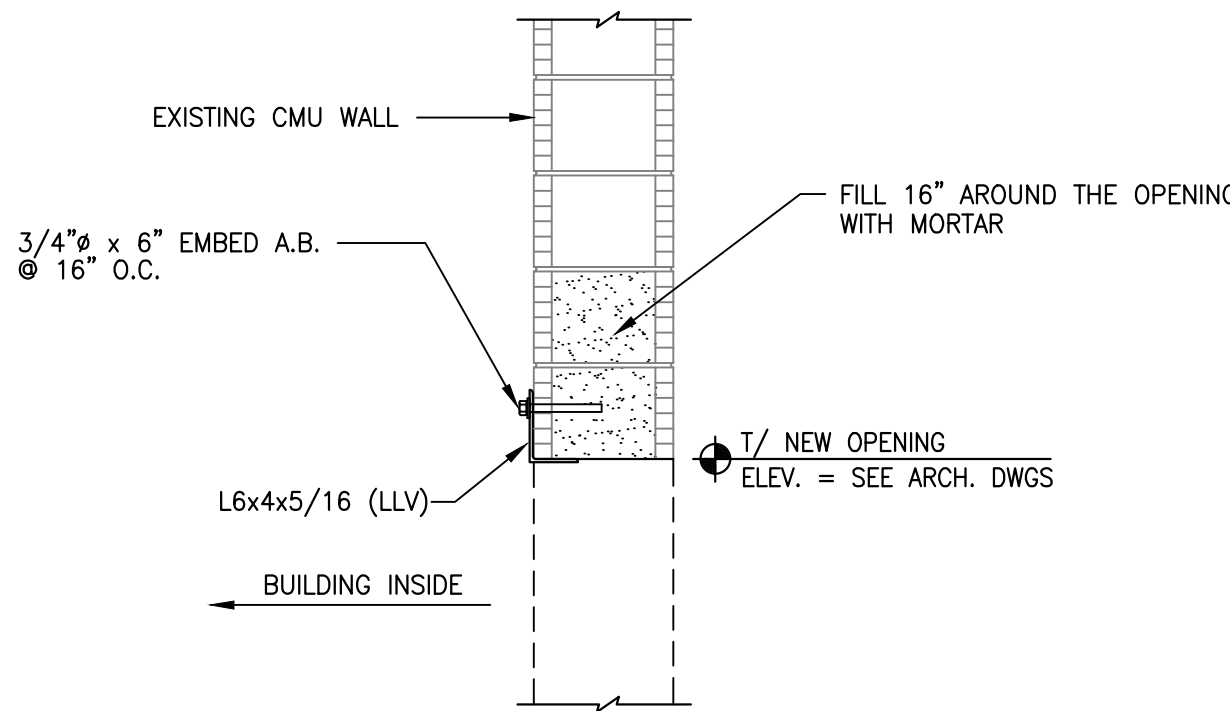
1. SAW CUT CMU @ HEADER JOINT/ LIMITED DEPTHS TO INSTALL NEW STEEL ANGLE AT ONE SIDE.
2. INSTALL LINTEL ANGLE AT ONE SIDE.
3. SAW CUT CMU @ HEADER JOINT/ REMAINING HALF DEPTHS TO INSTALL NEW STEEL ANGLE AT THE OTHER SIDE.
4. INSTALL LINTEL ANGLE AT THE OTHER SIDE.
5. INSTALL HEADER THRU BOLTS AS SPECIFIED IN SECTION AND PROFILE.
6. SAW CUT THE MASONRY OPENING.
7. WELD BOTTOM OF HEADERS PER SECTION 2/S-5.
8. INSTALL U-SHAP STEELS AT OPENING JAMBS PER SECTION 3/S-5.
9. WELD JAMBS TO HEADERS AT THREE SIDES, BOTH ENDS, PER PROFILE.
10. FILL MINIMUM 16" WIDTH/ FULL HEIGHT CMU NEW SIDES OF OPENINGS WITH MORTAR.



NEW OPENING-JAMB DETAIL

SECTION
SCALE: 1"=1'-0"

3
S-5

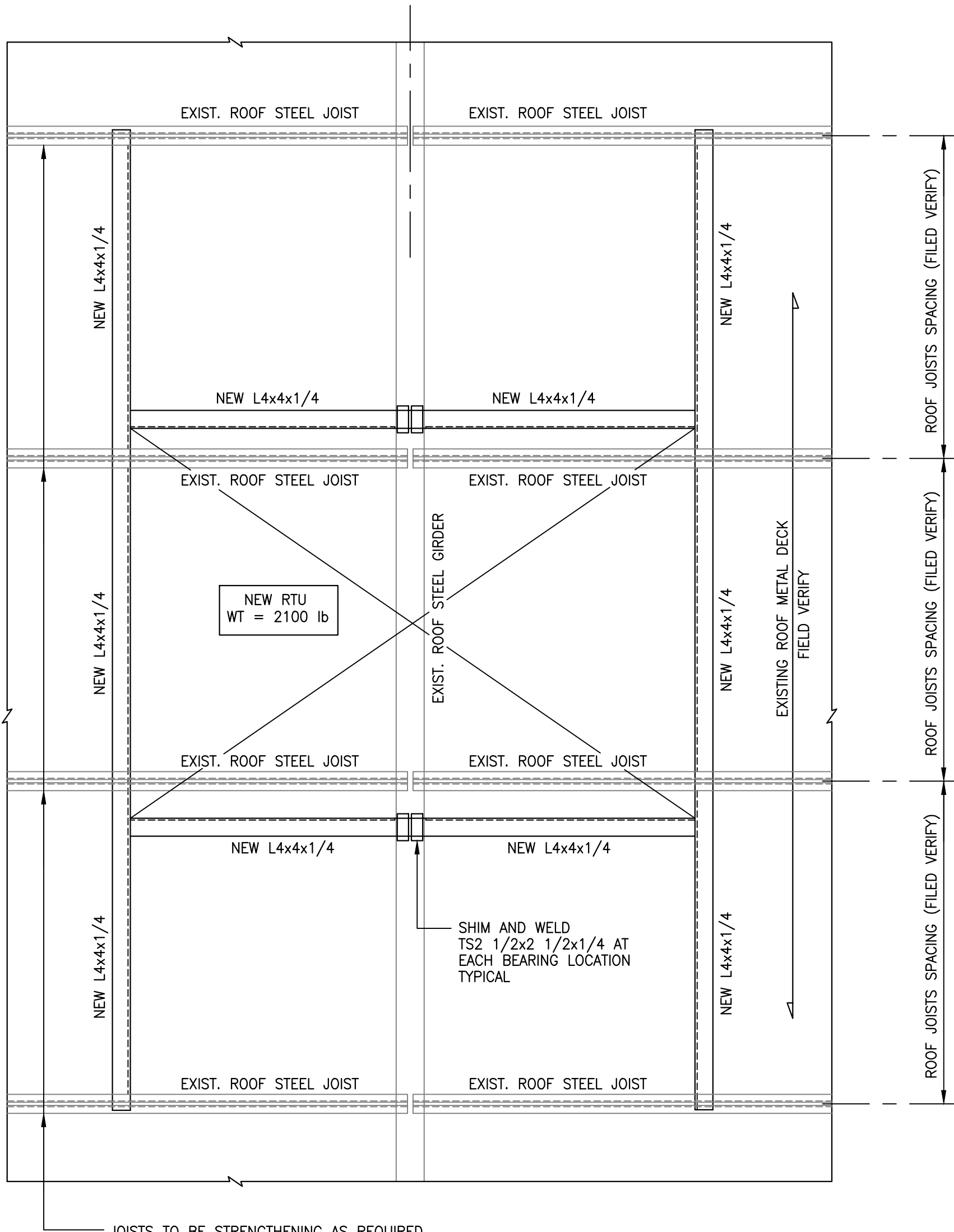


CONSTRUCTION SEQUENCE:

1. SAW CUT CMU @ HEADER JOINT/ LIMITED DEPTHS TO INSTALL NEW STEEL ANGLE.
2. INSTALL LINTEL ANGLE.
3. INSTALL ANCHOR BOLTS AS SPECIFIED IN SECTION AND PROFILE.
4. SAW CUT THE MASONRY OPENING.
5. FILL MINIMUM 16" WIDTH AT NEW OPENING PERIMETER WITH MORTAR.
6. REPAIR EDGES AND SLAB AROUND THE OPENING.

SECTION
SCALE: 3/4"=1'-0"

5
S-5



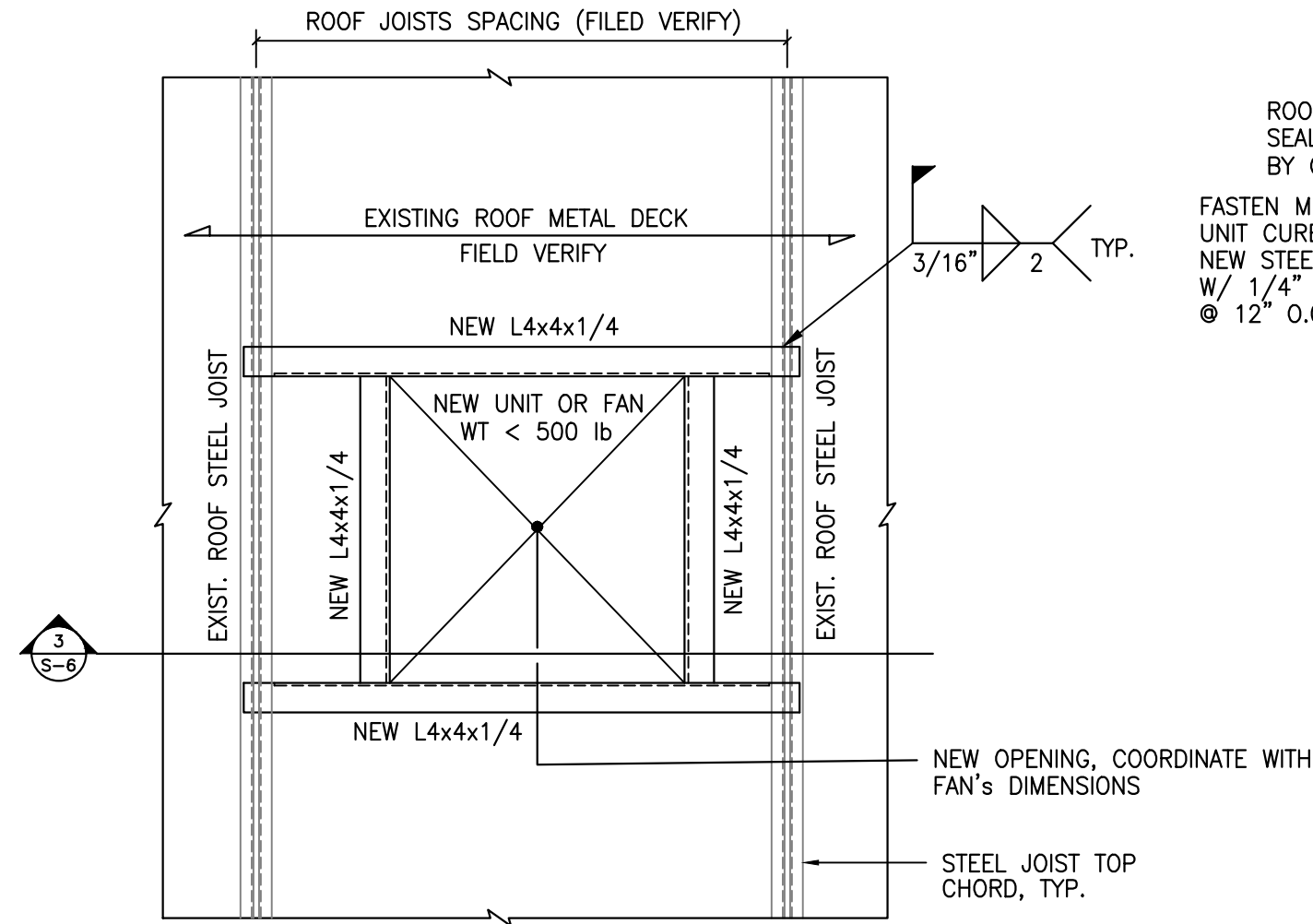
TYPICAL ROOF FRAMING PLAN AT NEW LARGE RTU'S

PLAN
SCALE: N.T.S.

2
S-6

CONSTRUCTION PROCEDURE:

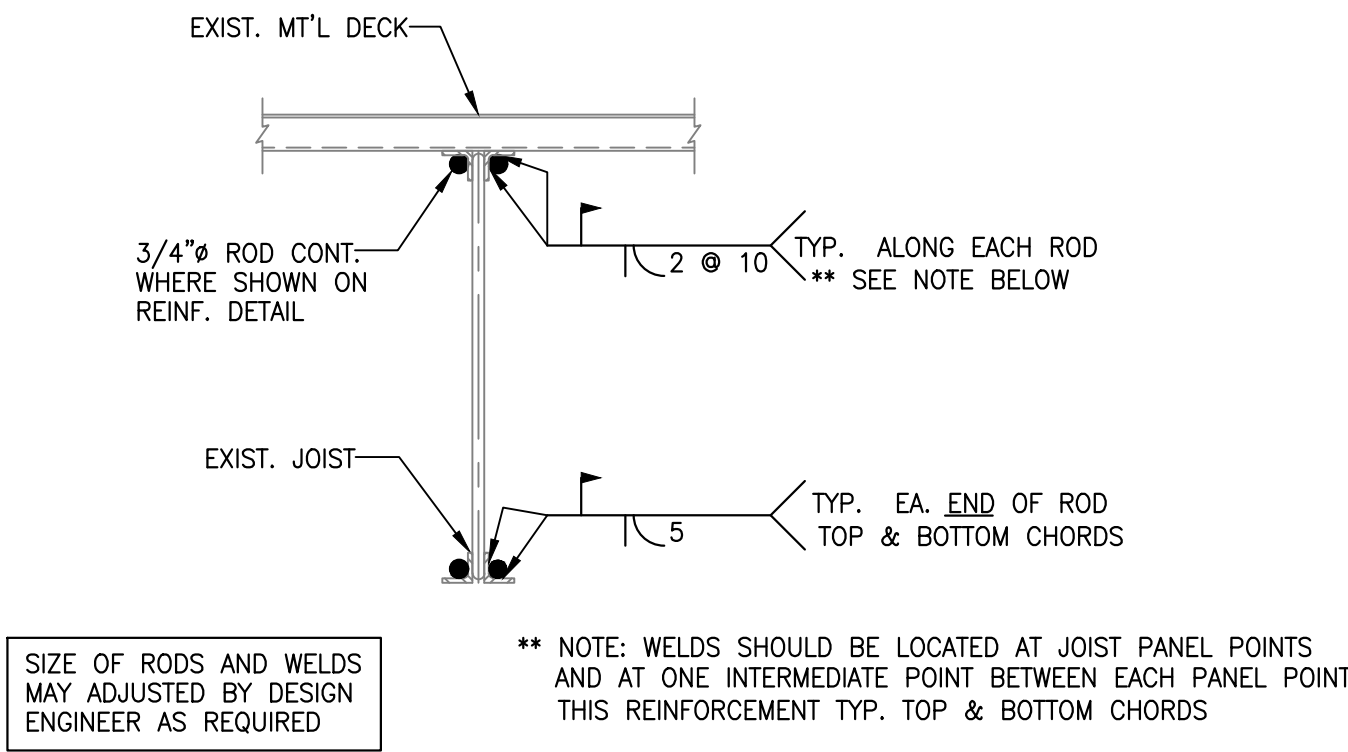
1. ENGINEER TO VERIFY THE EXISTING JOISTS SIZES FROM EXISTING TOP CHORDS, BOTTOM CHORDS, WEBS AND PROFILES INFORMATION.
2. NEW UNITS SHALL BE PLACED CENTERED AS POSSIBLE ON ROOF GIRDERS TO DISTRIBUTE MAXIMUM PART ON EXISTING ROOF GIRDER.
3. ENGINEER SHALL RUN THE CALCULATION AND VERIFY THE CAPACITY OF EXISTING STRUCTURAL ELEMENTS AT THE NEW UNITS LOCATIONS.
4. STRENGTHENING SHALL BE SPECIFIED AS REQUIRED. DETAILS ON THIS SHEET ARE CONCEPT DESIGN AND FINAL STRENGTHENING SHALL BE SPECIFIED ACCORDING TO THE CAPACITY OF EXISTING STRUCTURAL ELEMENTS.



TYPICAL ROOF FRAMING PLAN AT SMALL UNITS

PLAN
SCALE: N.T.S.

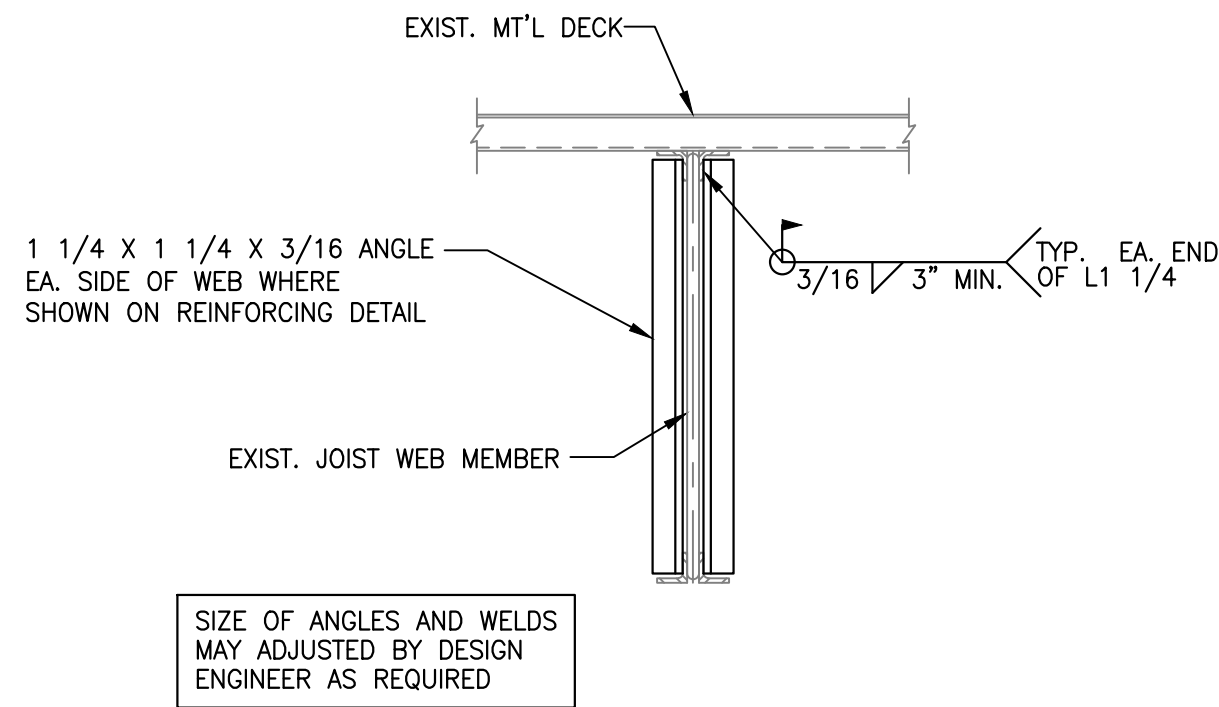
1
S-6



TYP. JOISTS CHORDS REINFORCING
(APPLY AS REQUIRED)

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

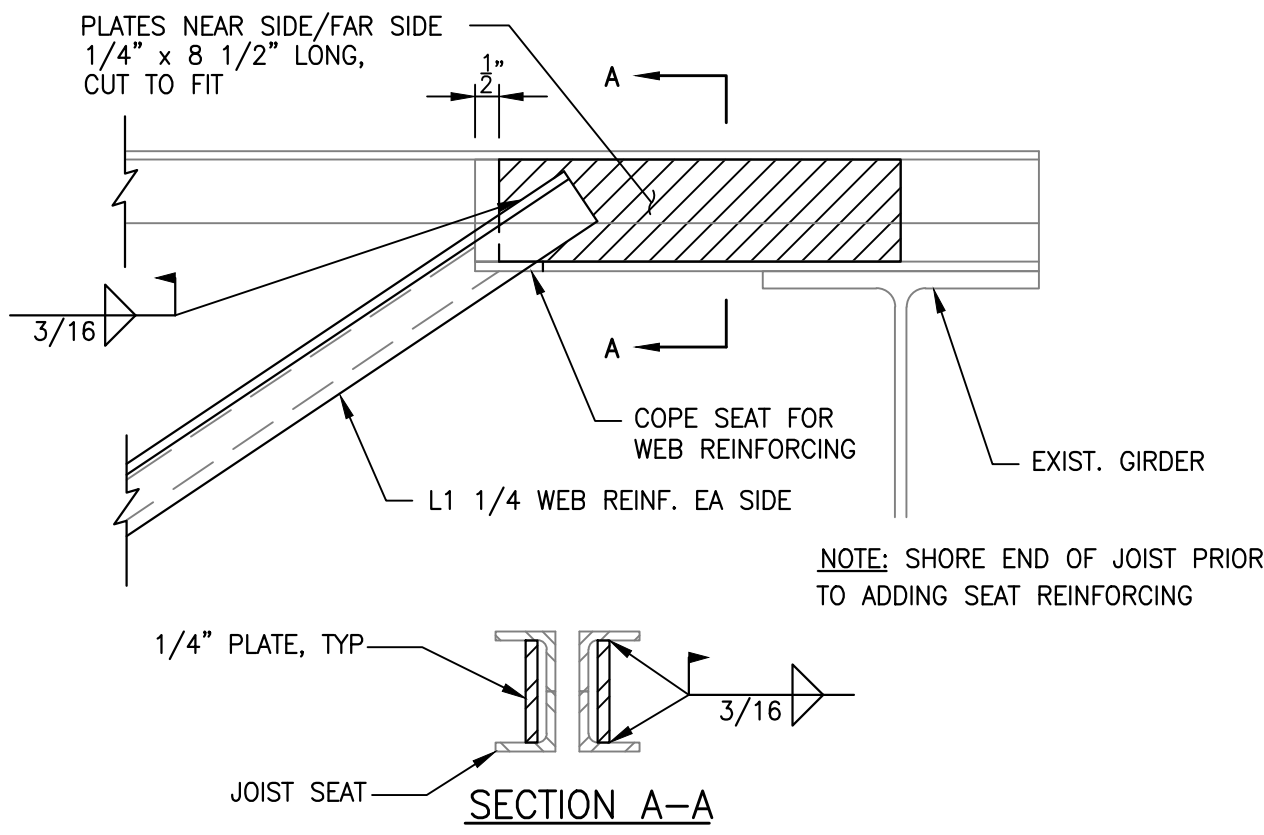
5
S-6



TYP. JOISTS WEBS REINFORCING
(APPLY AS REQUIRED)

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

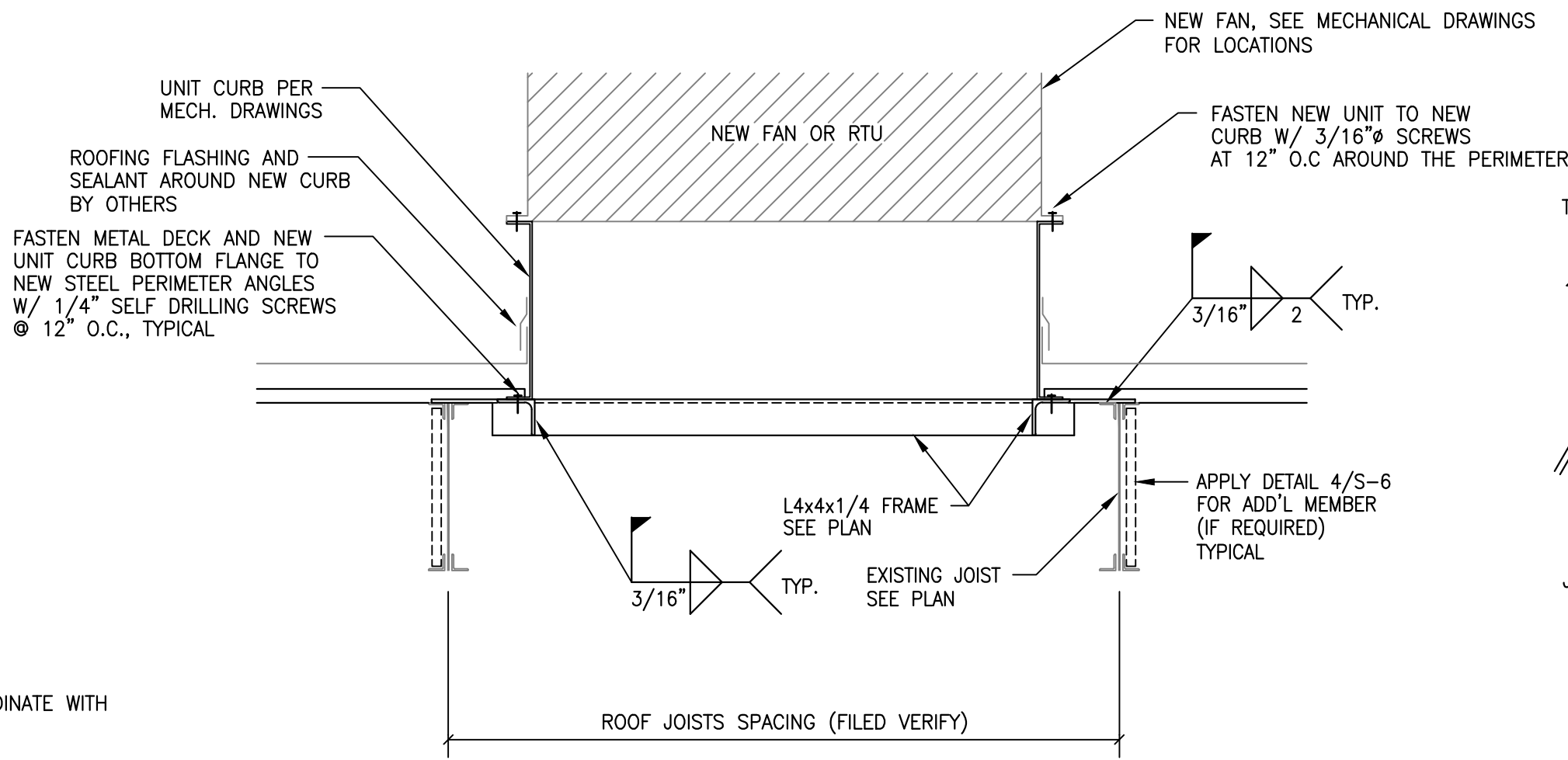
6
S-6



TYP. JOISTS SEATS REINFORCING
(APPLY AS REQUIRED)

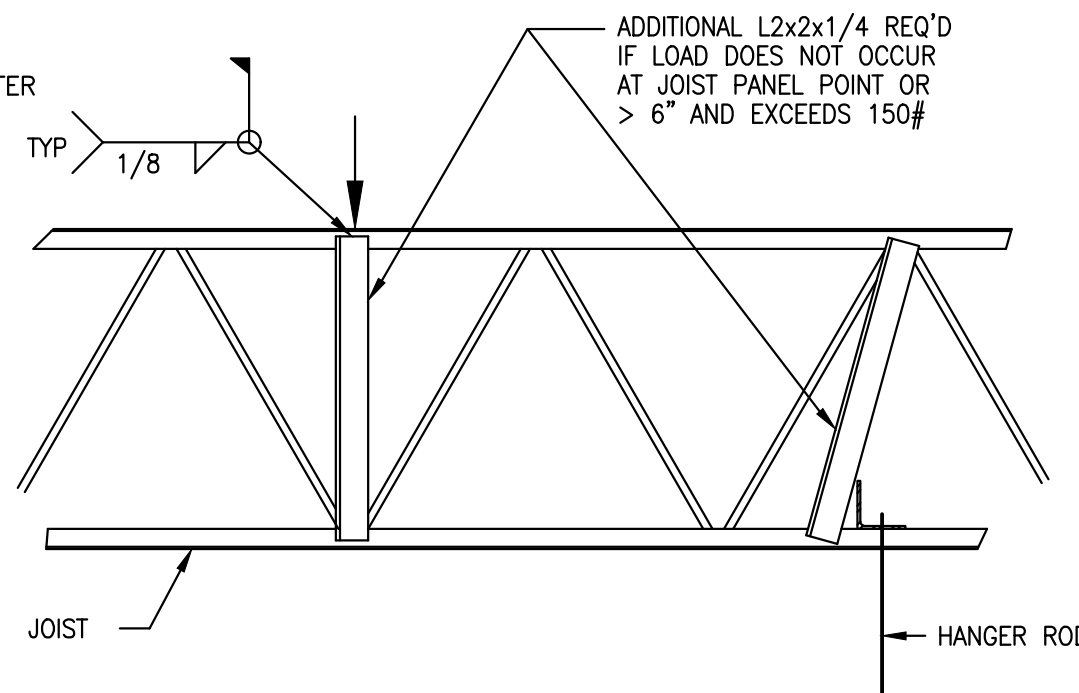
DETAIL
SCALE: 3"=1'-0"

7
S-6



SECTION
SCALE: N.T.S.

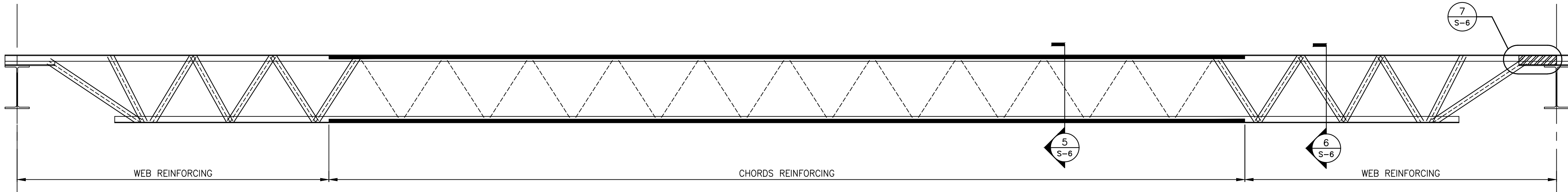
3
S-6



TYP. CONCENTRATED LOAD ON JOIST

DETAIL
SCALE: N.T.S.

4
S-6



JOIST PROFILE - REINFORCING CONCEPT

DETAIL
SCALE: N.T.S.

8
S-6

Ollie's Bargain Outlet

1445 SW Main Blvd.
Lake City, Florida 32025

John Reep
Architect

Florida AR 0014860
5703 Lake Lucina Dr. N., Jacksonville, Fla. 32211
(904) 704-9154
ArchitectJax@gmail.com

DRAWING INDEX:

ARCHITECTURAL

A-0 COVER SHEET
A-1 SITE PLAN, LIFE SAFETY PLAN, & GENERAL NOTES
A-2 DEMOLITION PLAN
A-3 NEW FLOOR PLAN
A-4 REFLECTED CEILING PLAN
A-5 FIXTURE & FURNITURE LAYOUT
A-6 EXTERIOR ELEVATIONS
A-7 WALL SECTIONS & INTERIOR ELEVATIONS
A-8 LOADING DOCK DETAILS
A-9 SCHEDULES

STRUCTURAL

S-1

ELECTRICAL

E-0 LEGEND, ABBREV., & GENERAL NOTES
E-0.1 DEMO. PLAN
E-1.1 LIGHTING PLAN
E-1.2 LIGHTING PLAN
E-2.1 POWER & SYSTEMS PLAN
E-2.2 ROOFTOP PLAN
E-3 PANEL SCHEDULES & POWER RISER
E-4.1 DETAILS
E-4.2 DETAILS
E-5.1 ELECTRICAL SPECIFICATIONS

MECHANICAL

M-1 MECHANICAL NOTES & SCHEDULES
M-2 MECHANICAL DEMOLITION PLAN
M-3 MECHANICAL FLOOR PLAN
M-4 MECHANICAL ROOF PLAN
M-5 MECH DETAILS

PLUMBING

P-1 PLUMBING NOTES & SCHEDULES
P-2 PLUMBING DEMOLITION PLAN
P-3 PLUMBING FLOOR PLAN
P-4 PLUMBING DETAILS & RISERS

IF DIGITALLY SEALED, THE SEAL APPLIES TO THE ENTIRE DRAWING. THIS DRAWING INDEX IS IN ACCORDANCE WITH FLORIDA STATUTE 6101-16.003(2).
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY JOHN REEP, ARCHITECT ON 10/27/21 USING A DIGITAL SIGNATURE.

John Reep
Digitally signed by John Reep
Date: 2021.10.27 08:54:36 -0400

Do Not Scale The Drawings	
5th Revision	
4th Revision	
3rd Revision	
2nd Revision	
1st Revision	
Issue Date	Oct 27, 2021
Project Number	20210607

Cover Sheet

A-0

John Reep
Architect

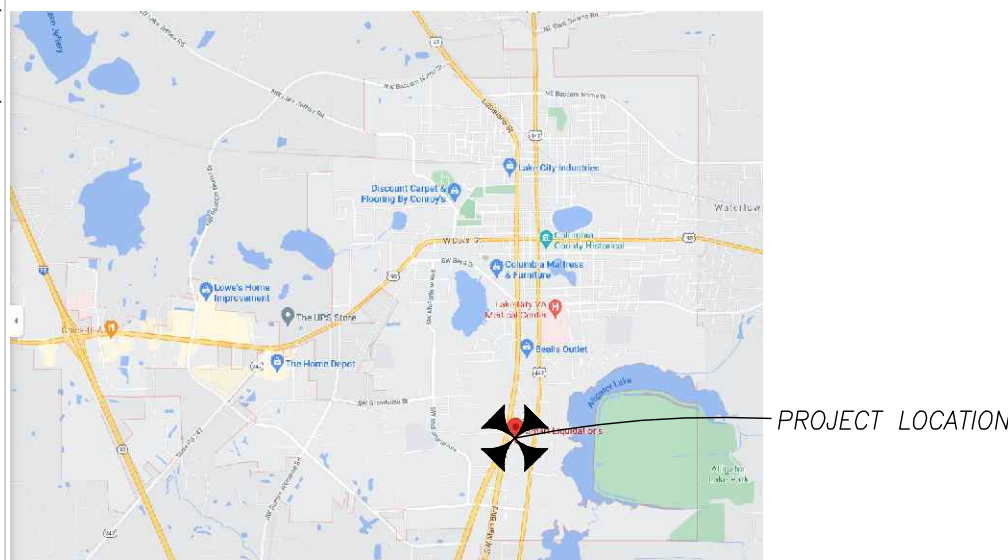
Florida AR 0014860
5703 Lake Lucina Dr. N., Jacksonville, Fla. 32211
(904) 704-9154
ArchitectJax@gmail.com

Ollie's Bargain Outlet

1445 SW Main Blvd.
Lake City, Florida 32025

CONSULTANT

Signature/Seal



2020 FLORIDA BUILDING CODE, 7th EDITION
2020 FLORIDA FIRE PREVENTION CODE, 7th EDITION
NATIONAL ELECTRIC CODE, 2017 EDITION

BUILDING CODE SUMMARY:

BUILDING OCCUPANCY	GROUP M
GROSS AREA	30,000 S.F.
ACCESSIBILITY	NEW COMPLAINT TOILET ROOMS
OCCUPANT LOAD	849 PER NFPA101 432 PER FBC
REQUIRED EXIT WIDTH	169.8"
PROVIDED EXIT WIDTH	201"
SPRINKLERED	YES, FULLY SPRINKLERED BUILDING – CONTRACTOR SHALL EXTEND EXISTING SPRINKLER SYSTEM INTO NEWLY CONSTRUCTED SPACES
CONSTRUCTION	TYPE IIIB, III(000)
STOCKROOM IS <10% OF GROSS AREA, FIRE SEPARATION NOT REQUIRED	

TYPICAL CONSTRUCTION NOTES:

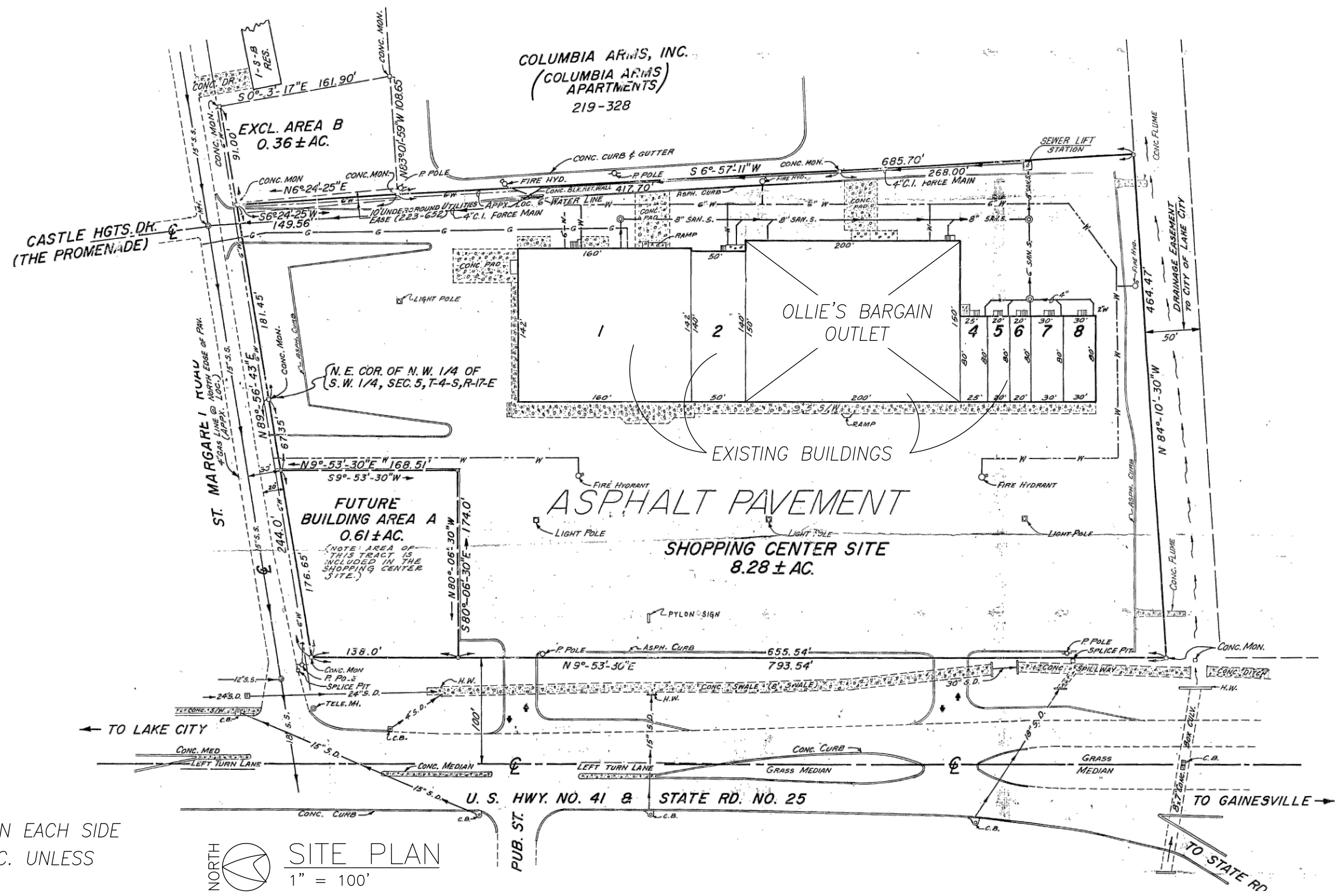
- NEW INTERIOR PARTITIONS ARE 1/2" MIN. GYP. BOARD ON EACH SIDE OF 3 5/8" METAL STUDS, OR 2x4 WOOD STUDS, @ 16" O.C. UNLESS NOTED OTHERWISE (U.N.O.).
- OPENINGS IN STUD WALLS ARE DIMENSIONED TO CENTERLINE OF OPENING. COORDINATE ROUGH OPENING SIZE WITH REQUIREMENTS OF DOOR OR WINDOW MANUFACTURER.
- EXTERIOR WALLS ARE EXISTING CMU WITH 2x P.T. FURRING AND 1/2" MIN. GYP. BD. ON INTERIOR SIDE. DIMENSIONS ARE TO FACE OF EXISTING CMU.
- ALL INTERIOR DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE (IF APPLICABLE).
- ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED
- CONTRACTOR SHALL SELECT EXTERIOR BUILDING PRODUCTS APPROVED BY THE FLORIDA BUILDING COMMISSION AND BEARING PRODUCT APPROVAL NUMBERS FOR PANEL WALLS, EXTERIOR DOORS, ROOFING PRODUCTS, SKYLIGHTS, WINDOWS, SHUTTERS, STRUCTURAL COMPONENTS, AND BUILDING ENVELOPE PRODUCTS OF NEW TECHNOLOGY.
- VERIFY LOCATIONS OF UNDERGROUND UTILITIES BEFORE EXCAVATING.
- CONTRACTOR SHALL DELIVER TO OWNER UPON PROJECT CLOSEOUT A BUILDING OR SPACE THOROUGHLY CLEANED AND WITH ALL CONTRACTOR-INSTALLED COMPONENTS FUNCTIONING AS NEW. ANY EXISTING COMPONENTS (FOR RENOVATION OR ADDITION PROJECTS) SHALL BE IN CLEAN, WORKING CONDITION AS VERIFIED BY CONTRACTOR AND OWNER. ANY EXISTING COMPONENT DETERMINED TO BE INOPERATIVE SHALL BE REPLACED BY CONTRACTOR. WHERE ANY COMPONENT WAS REMOVED AND A BREAK IN THE FINISH IS REVEALED, THE CONTRACTOR SHALL PATCH THE FINISH AND SUBSTRATE AS NEEDED TO LEAVE NO EVIDENCE OF THE REMOVED COMPONENT.

PRODUCT SUBMITTALS & SHOP DRAWINGS:

- NO SUBSTITUTIONS OF PRODUCTS SHALL BE CONSIDERED UNTIL THE SUPPLIER. HAS DEMONSTRATED EQUIVALENCY TO THE ARCHITECT AND/OR ENGINEER OF RECORD.
- TRADES REQUIRING CLEAR ROOM DIMENSIONS ARE RESPONSIBLE FOR FIELD VERIFYING CLEAR DIMENSIONS PRIOR TO PRODUCING SHOP DRAWINGS.
- IF SHOP DRAWINGS ARE SUBMITTED SHOWING A CHANGE TO THE DESIGN, SUBMITTER MUST DESCRIBE THE REASON FOR THE CHANGE OR THE SHOP DRAWING WILL BE REJECTED. SEE NOTE 1 UNDER "CONFLICTS AND OMISSIONS TO DRAWINGS".

CONFLICTS AND OMISSIONS TO DRAWINGS:

- THESE DOCUMENTS REFLECT THE DESIGN INTENT TO MEET THE CLIENT'S NEEDS AND COMPLY WITH BUILDING CODES. NOT ALL CONFLICTS OR HIDDEN CONDITIONS CAN BE DISCOVERED PRIOR TO CONSTRUCTION. CONSTRUCTION TRADES SHALL ADVISE THE ARCHITECT THROUGH THE GENERAL CONTRACTOR IF THE INTENT CANNOT BE ACHIEVED. NO CHANGE SHALL BE MADE TO THE DESIGN UNTIL IMPLICATIONS TO ALL TRADES AND CODE REQUIREMENTS HAVE BEEN THOROUGHLY INVESTIGATED. FAILURE TO ADVISE THE ARCHITECT OF DISCREPANCIES PRIOR TO PROCEEDING WITH SUCH CONSTRUCTION SHALL RELIEVE ARCHITECT OF RESPONSIBILITY TO MEET CLIENT'S NEEDS AND SCHEDULES.
- TRADES SHALL PLAN THEIR WORK SUFFICIENTLY FAR AHEAD TO DISCOVER ANY CONFLICTS OR DISCREPANCIES AND SHALL BRING THEM TO THE ARCHITECT'S ATTENTION THROUGH THE GENERAL CONTRACTOR IN THE FORM OF A REQUEST FOR INFORMATION (RFI) AS SOON AS POSSIBLE TO ALLOW ADEQUATE TIME TO RESOLVE.

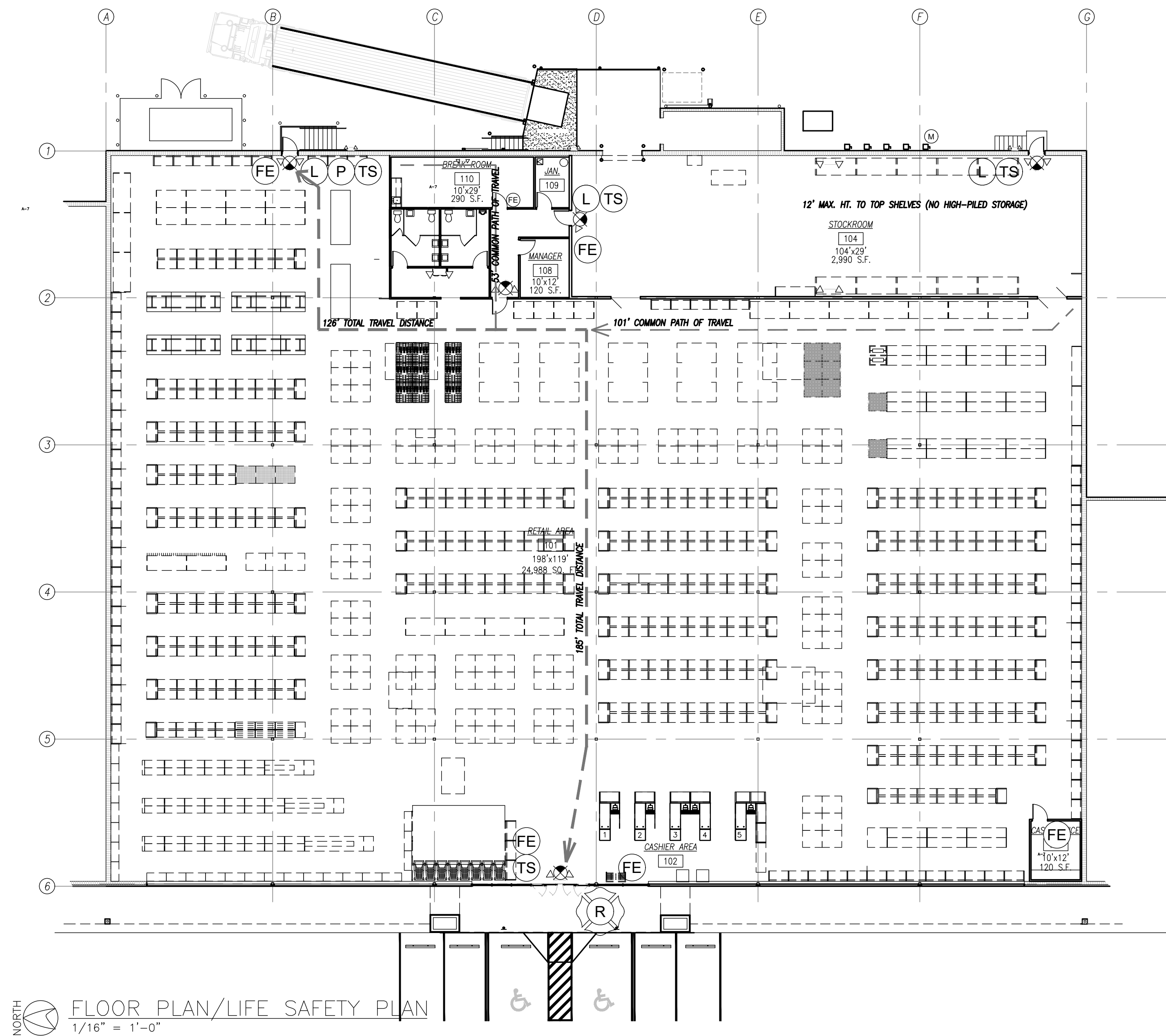


LEGEND

	NEW PARTITION, 1/2" GYP. BD. ON 2x4 STUDS @ 16" O.C.
	EXISTING PARTITIONS TO CEILING
	EXISTING PARTITIONS TO 1' BELOW CEILING
	FIRE EXTINGUISHER – 2A-10BC
	COMBO EXIT LIGHT & EGRESS LIGHTING
	EMERGENCY EGRESS LIGHTING
	LIGHT FRAME ROOF MEDALLION
	DOOR WITH PUSH-BAR PANIC HARDWARE EXIT DEVICE
	TACTILE SIGNAGE: (1) TACTILE SIGNAGE SHALL BE LOCATED AT EACH EXIT DOOR REQUIRING AN EXIT SIGN. (2) TACTILE SIGNAGE SHALL READ AS FOLLOWS: EXIT. (3) TACTILE SIGNAGE SHALL COMPLY WITH ICC/ANSI A117.1, AMERICAN NATIONAL STANDARD FOR ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES.
	DOOR LOCK SIGNAGE: "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED"
	THE SIGN SHALL BE IN LETTERS 1 INCH (25 MM) HIGH ON A CONTRASTING BACKGROUND
	ELEC. PANEL
	ELECTRICAL SERVICE DISCONNECT

TYPICAL SITE AND EXTERIOR NOTES:

- LANDLORD SHALL BE RESPONSIBLE FOR ALL MAINTENANCE /REPAIRS/REPLACEMENT OF ROOF, BUILDING STRUCTURE AND PARKING LOT. PARKING LOT IS TO BE SEALED AND STRIPED PRIOR TO GRAND OPENING, WITH FIRE LANE MARKING, CROSSWALK AND HANDICAP SPACES. INSTALL HANDICAP PARKING SIGNS. STRIPING TO INCLUDE PAINTING THE FRONT SIDEWALK CURB EDGE.
- INSTALL NEW ADA COMPLIANT CURB CUT DIRECTLY IN FRONT OF THE ENTRANCE DOORS. THE CURB CUT SHALL MEET FLORIDA BUILDING CODE (ACCESSIBILITY) AND ADAAG.
- ROOF SHALL BE PROFESSIONALLY INSPECTED AND CERTIFIED TO BE IN GOOD CONDITION AND FREE OF LEAKS. THE LANDLORD SHALL PROVIDE THIS REPORT TO THE TENANT'S CONSTRUCTION DEPARTMENT.
- OUTSIDE AREAS MUST BE FREE OF WEEDS AND HAVE MAINTAINED AND ATTRACTIVE LANDSCAPING.
- LANDLORD TO POWER WASH ENTRANCE AREAS (WALLS AND SIDEWALK) A FEW DAYS BEFORE STORE OPENING (DATE TO BE DETERMINED BY TENANT).
- SPACE TO BE DELIVERED WITH AT LEAST ONE (1) DEDICATED TRASH CAN FOR THE FRONT OF THE STORE.
- PROVIDE AND INSTALL (ANCHOR TO ASPHALT) ONE CART CORRAL FOR CARTS IN THE PARKING LOT. (SEE THE BACK OF THE WORK LETTER FOR TENANTS NATIONAL ACCOUNT VENDOR).
- PROVIDE NEW PYLON SIGN IN ACCORDANCE WITH APPLICABLE SIGN CODES



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ArchitectJax@gmail.com

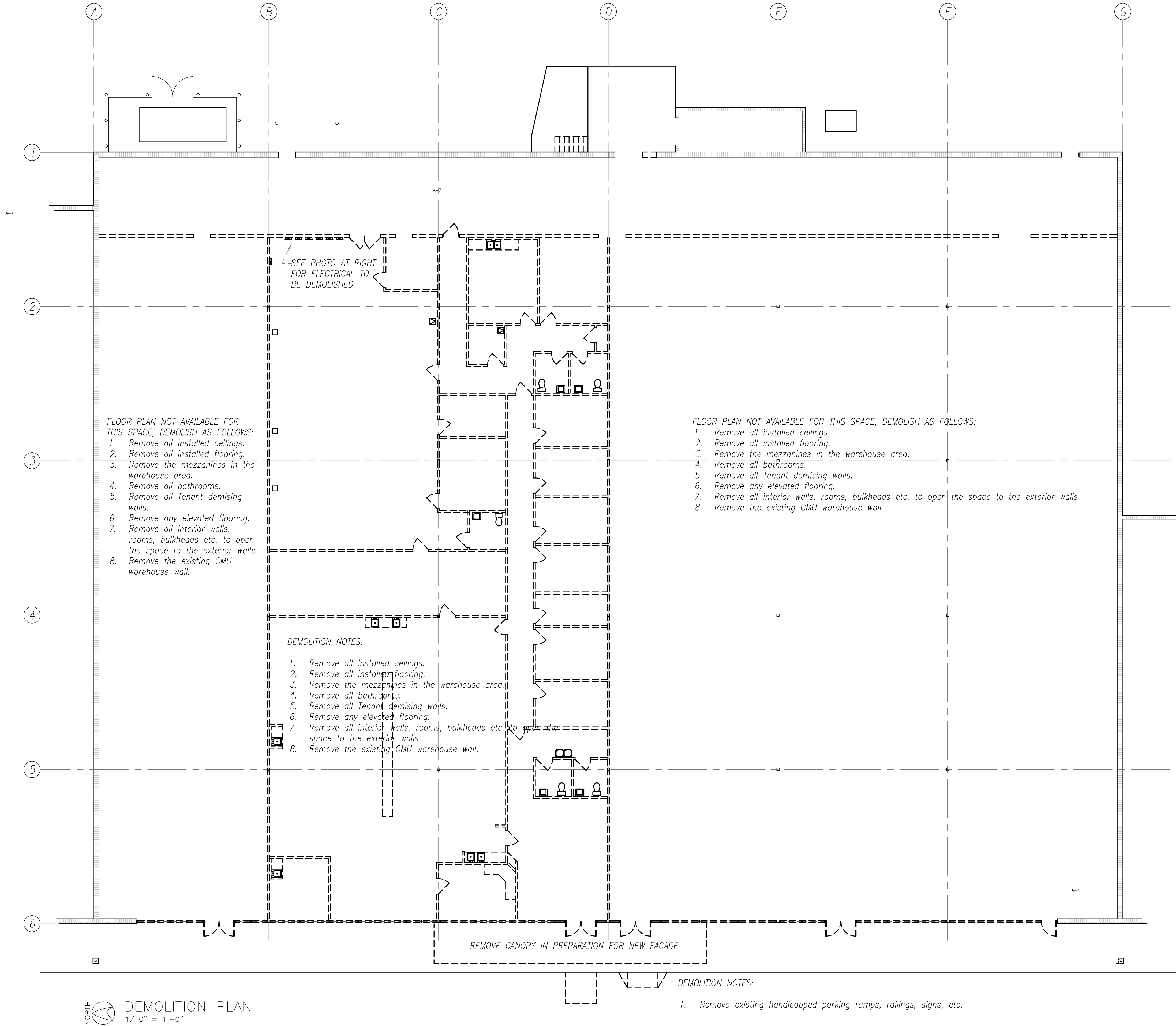
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Encrypted Digital Seal

2nd Revision	
4th Revision	
3rd Revision	
2nd Revision	
1st Revision	
Issue Date	Oct 27, 2021
Project Number	20210607
Site Plan, Life Safety Plan & General Notes	

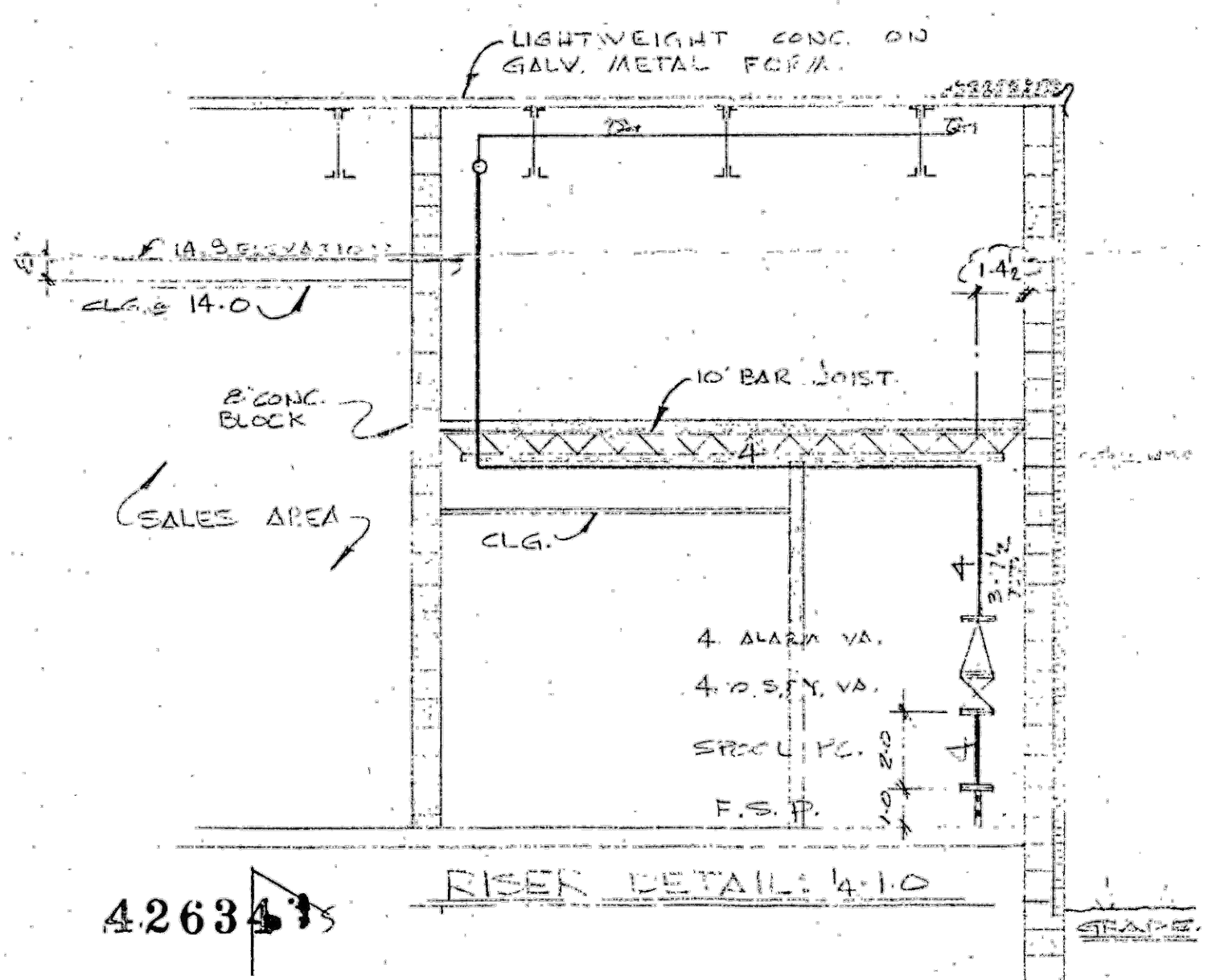
A-1

Signature/Seal

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① EXISTING ELECTRICAL TO BE DEMOLISHED



② EXISTING MEZZANINE TO BE DEMOLISHED

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Do Not Scale The Drawings

5th Revision	
4th Revision	
3rd Revision	
2nd Revision	
1st Revision	
Issue Date	Oct. 27, 2021
Project Number	20210607

Demolition Plan

A-2

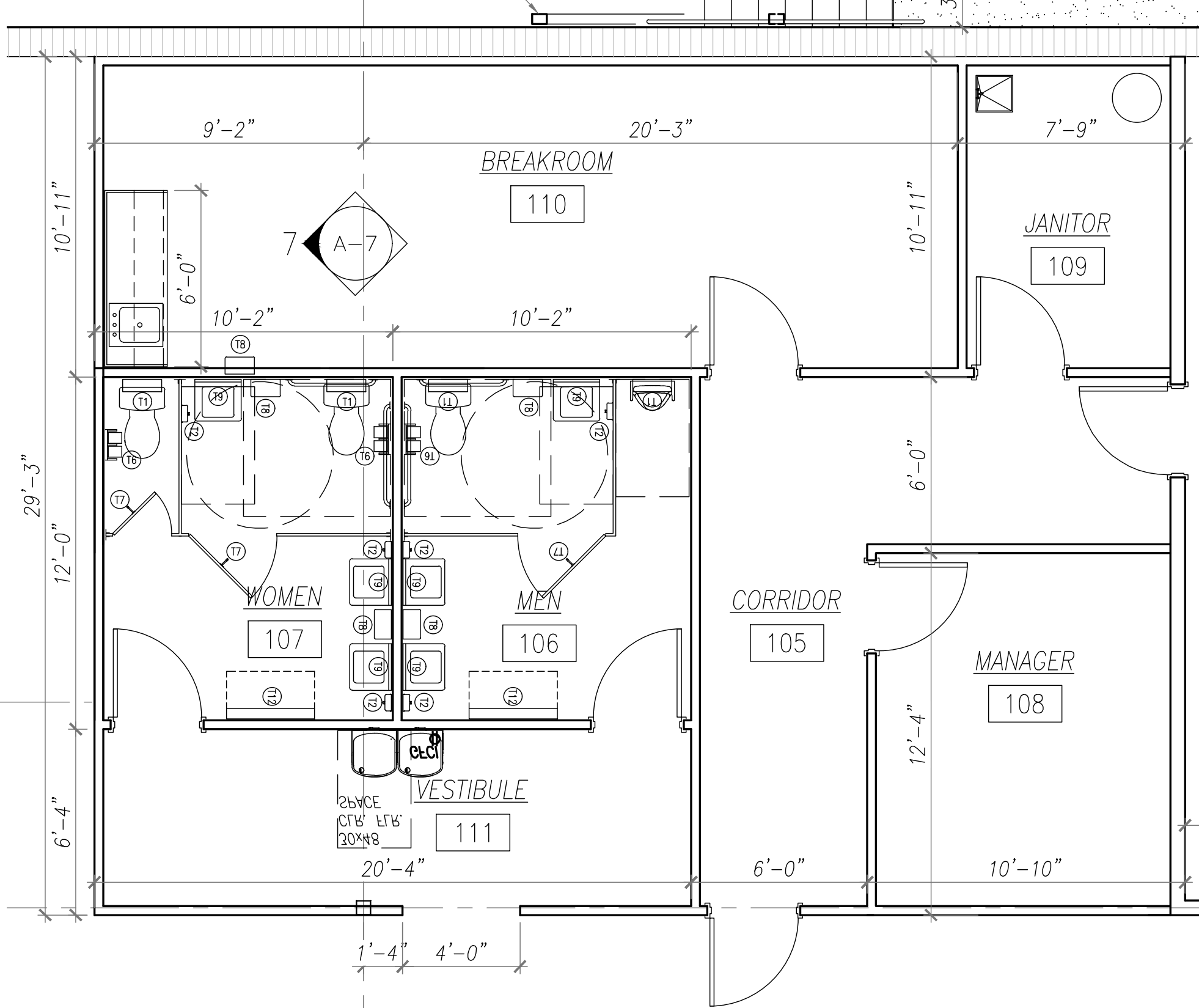
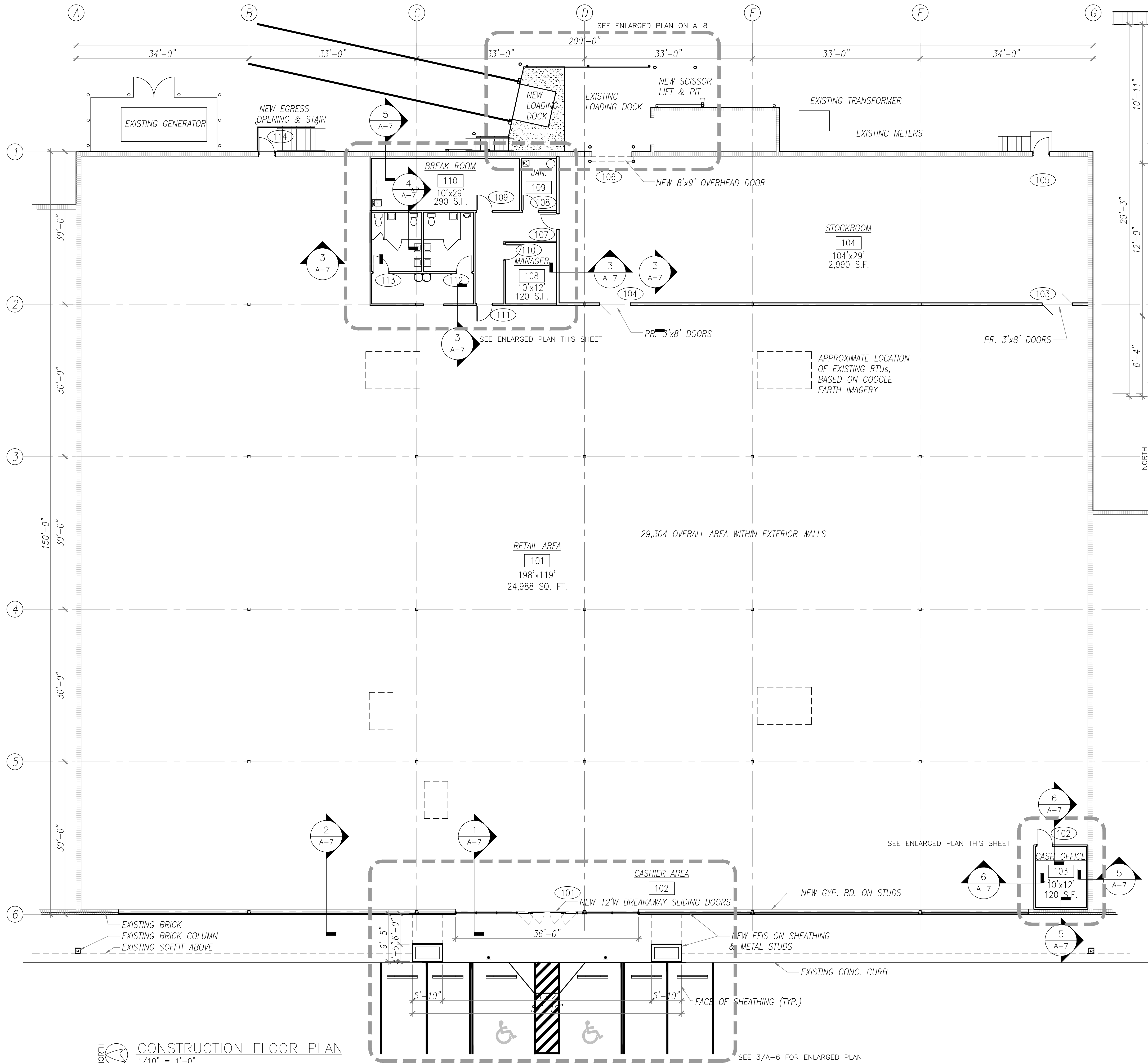
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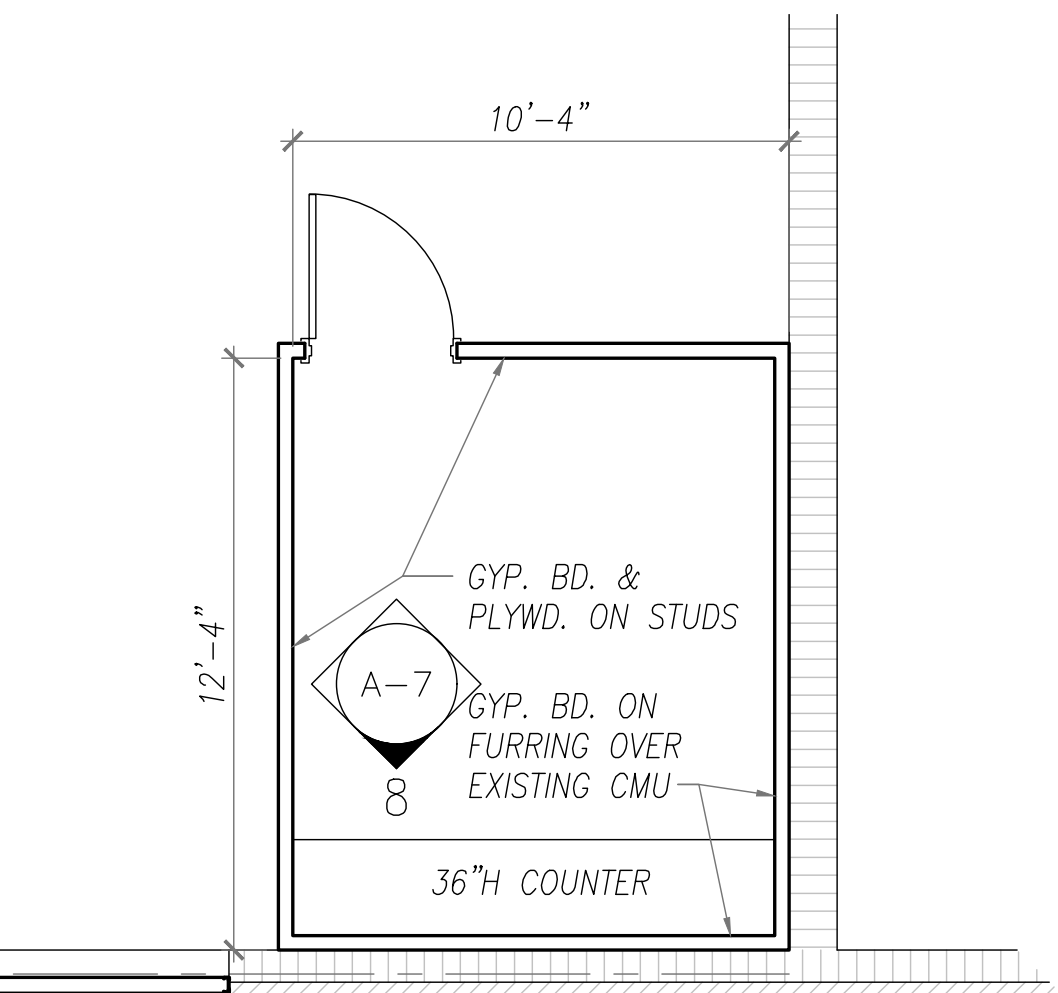
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TOILET ACCESSORY SCHEDULE:	
(T1)	STAINLESS STEEL SHELF BOBRICK B-295 X 16
(T2)	SURFACE-MOUNTED SOAP DISPENSER BOBRICK B4112
(T3)	SURFACE-MOUNTED WASTE RECEPTACLE BOBRICK B-279
(T4)	36" GRAB BAR BOBRICK B-5806x36
(T5)	42" GRAB BAR BOBRICK B-5806x42
(T6)	TOILET TISSUE DISPENSER FOR TWO ROLLS BOBRICK B-274
(T7)	CLOTHES HOOK WITH BUMPER BOBRICK B-212
(T8)	ELECTRIC HAND DRYER XCELERATOR XL-GR, PROVIDE 110V 12.5A, 60Hz POWER
(T9)	18"x30" MIRROR
(T10)	MOP HOOK & SHELF BOBRICK B239X34
(T11)	PAPER TOWEL DISPENSER BOBRICK B262



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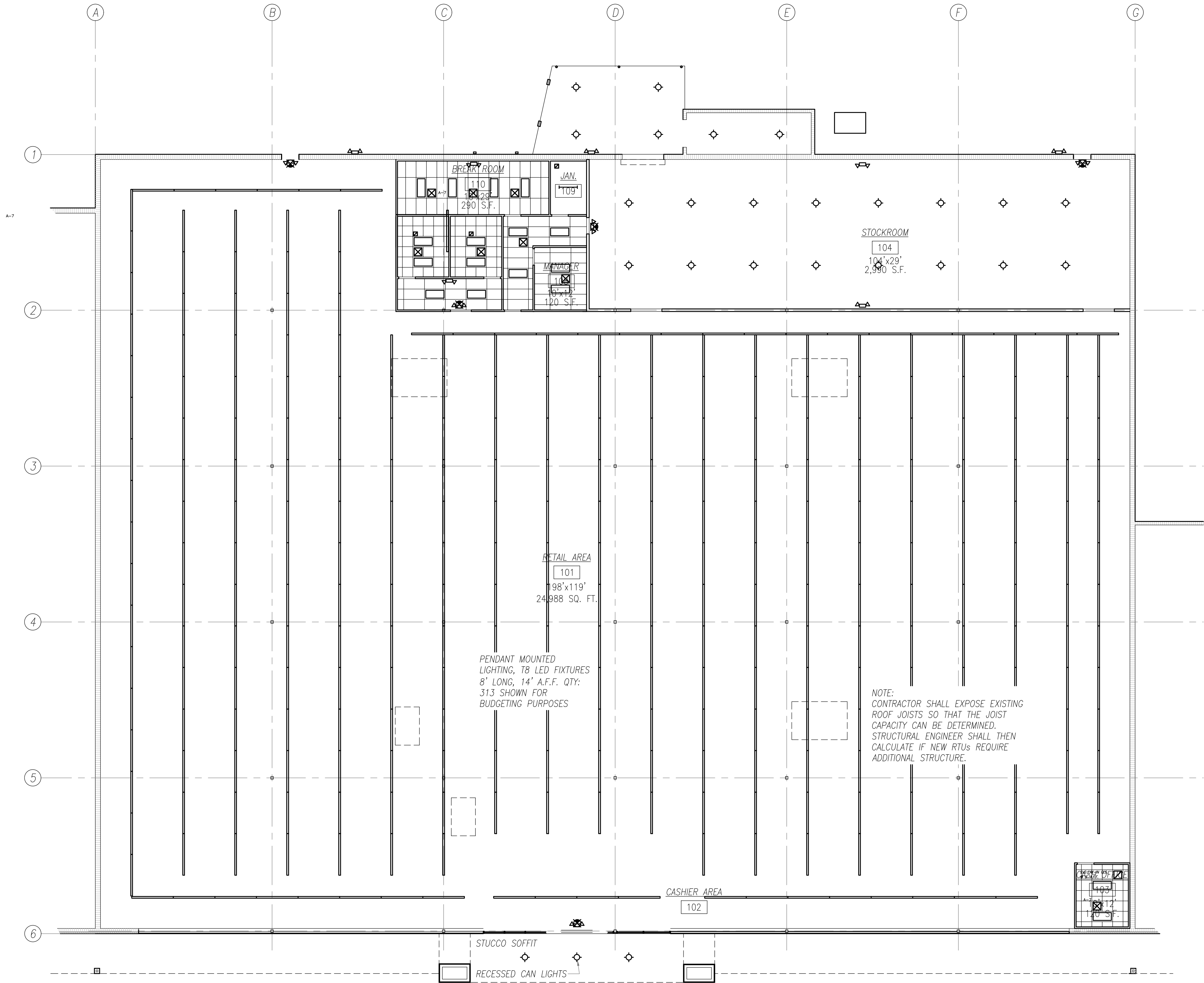
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2nd Revision	
4th Revision	
3rd Revision	
2nd Revision	
1st Revision	
Issue Date	Oct. 27, 2021
Project Number	20210607

New Floor Plan

A-3



NORTH
REFLECTED CEILING PLAN
1/10" = 1'-0"

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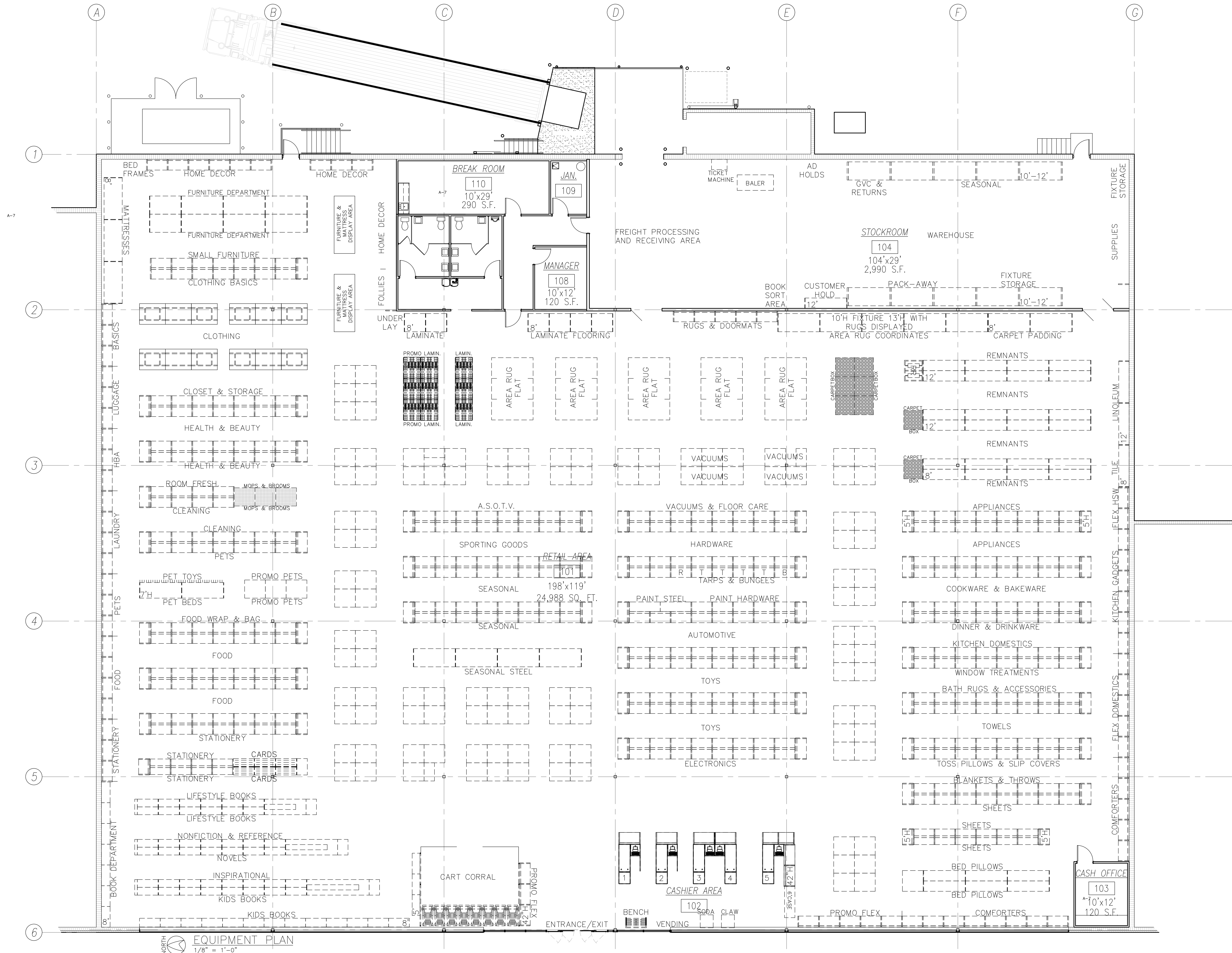
5th Revision	
4th Revision	
3rd Revision	
2nd Revision	
1st Revision	
Issue Date	Oct. 27, 2021
Project Number	20210607

Reflected Ceiling Plan

A-4

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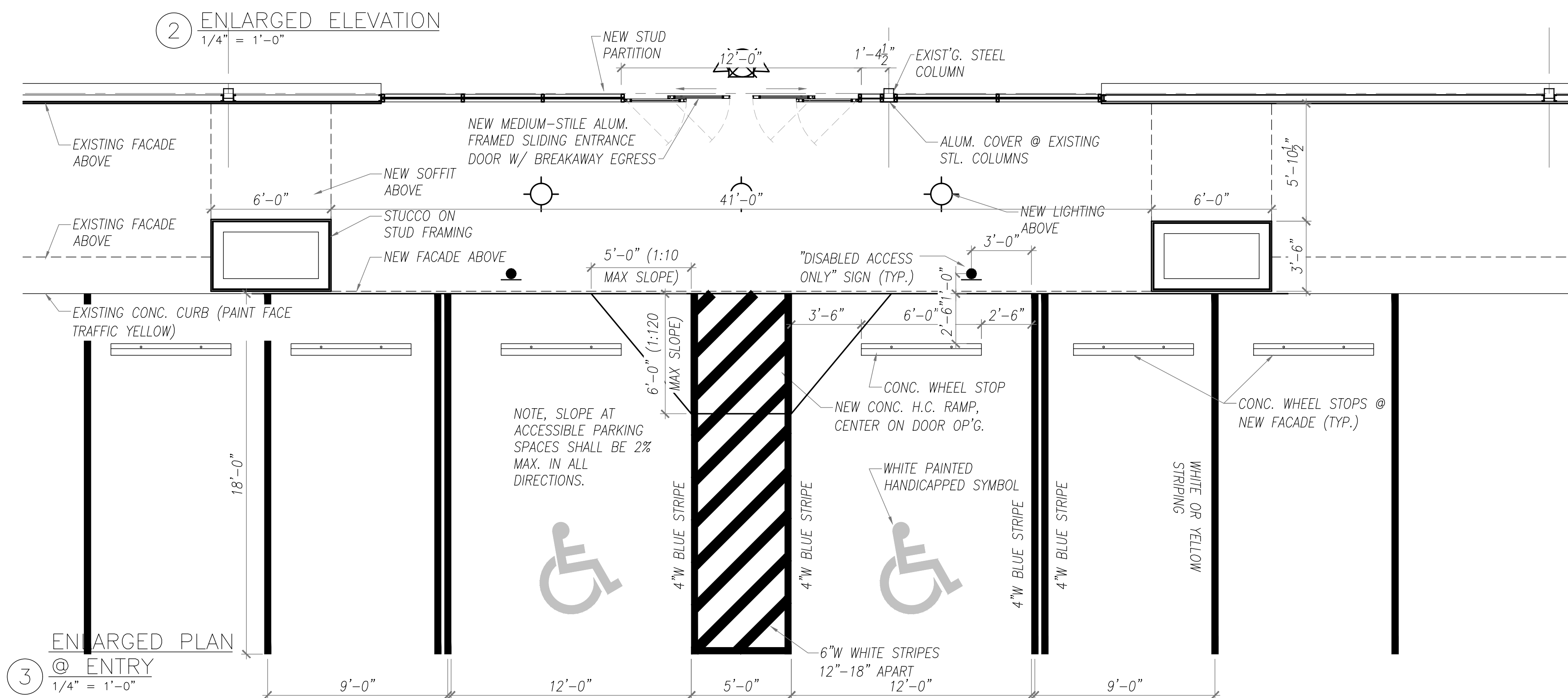
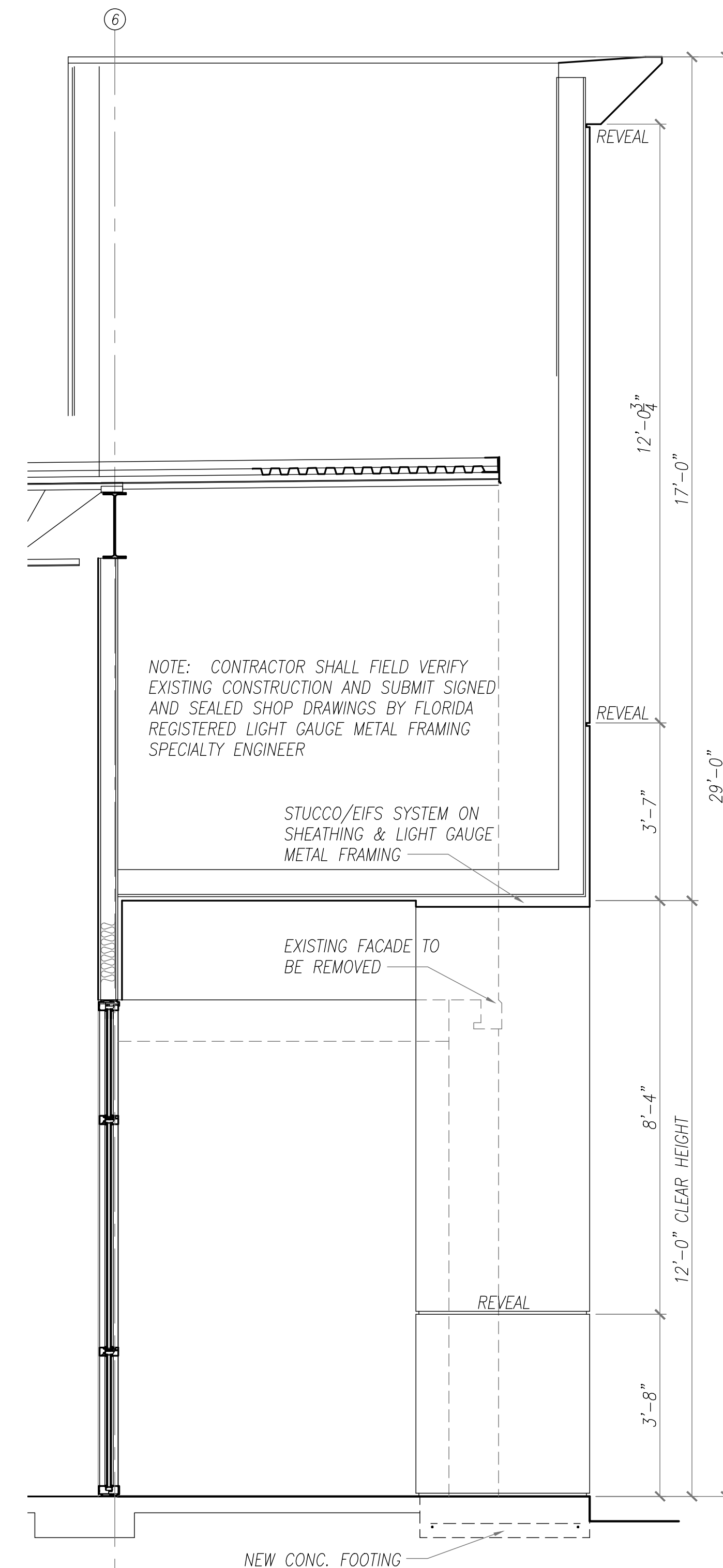
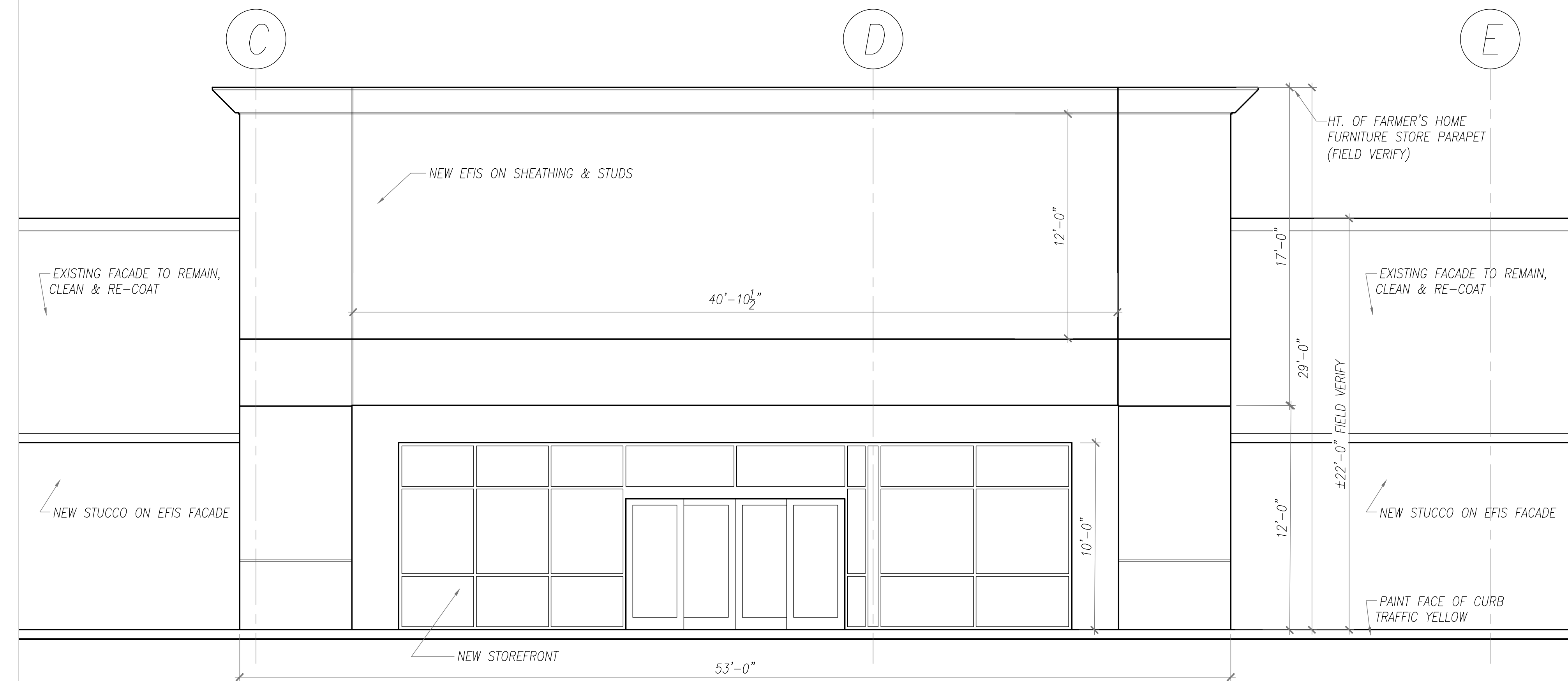
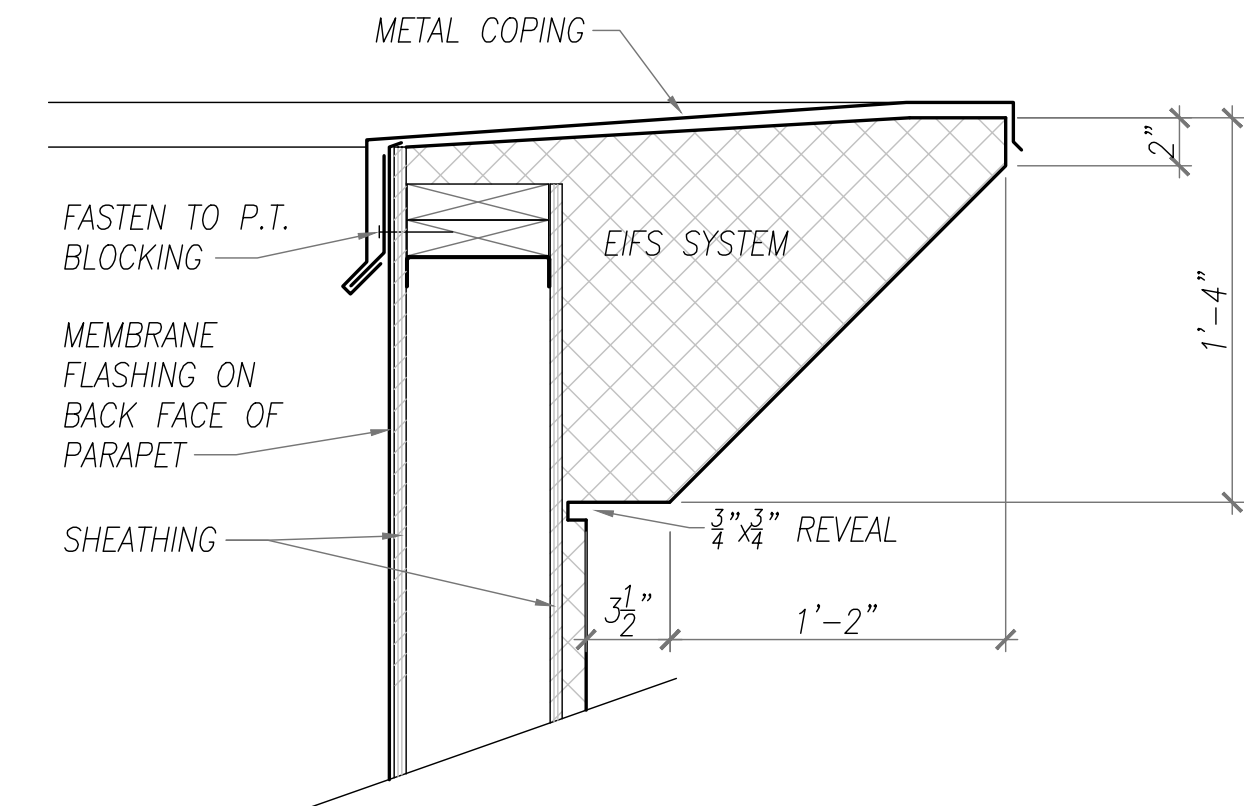
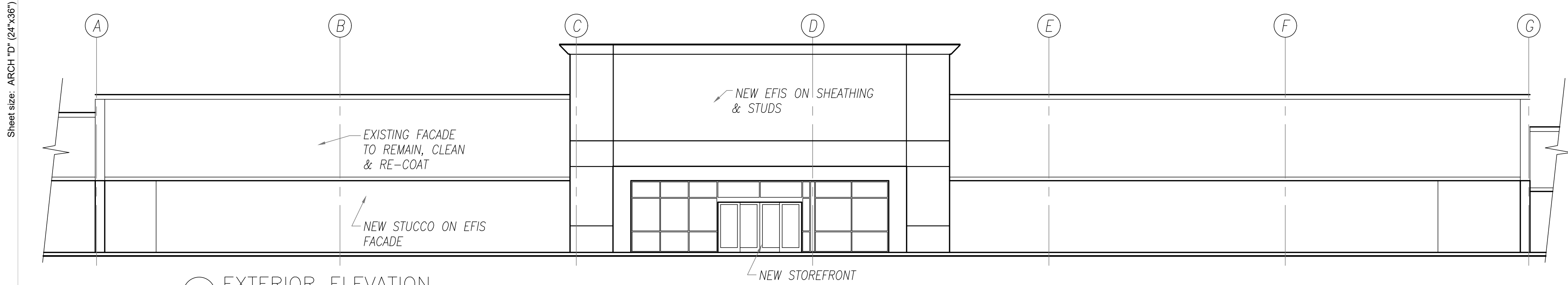
5th Revision	
4th Revision	
3rd Revision	
2nd Revision	
1st Revision	
Issue Date	Oct. 27, 2021
Project Number	20210607

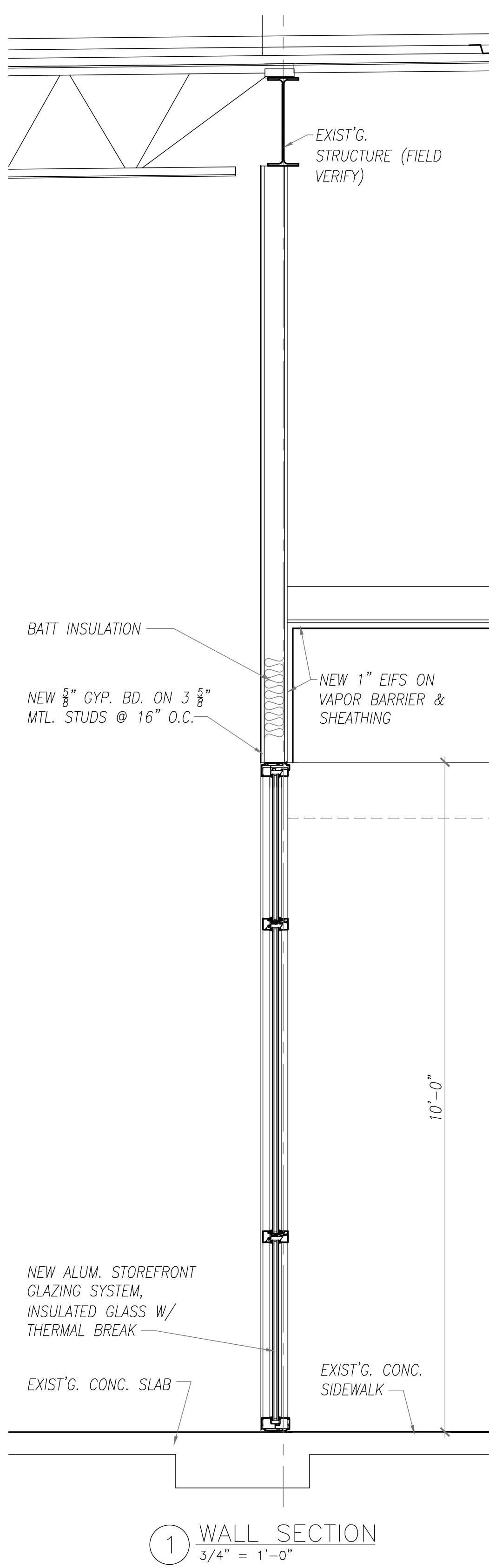
Fixture & Furniture Layout

A-5

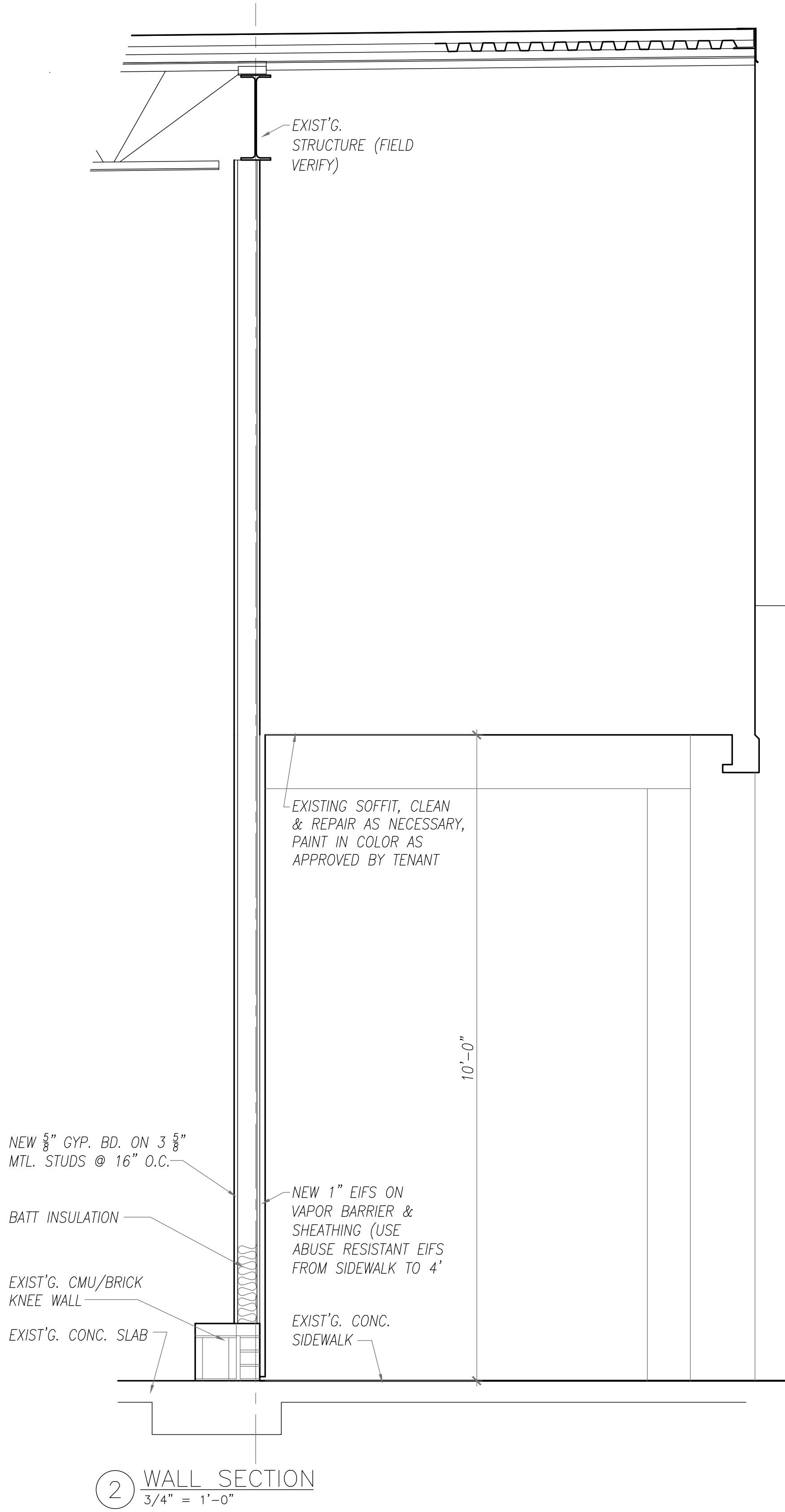
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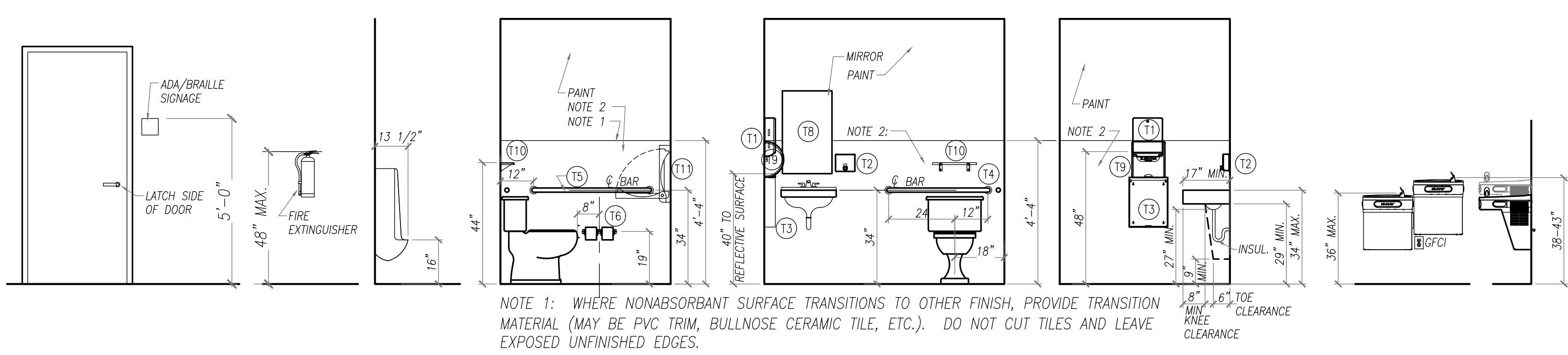




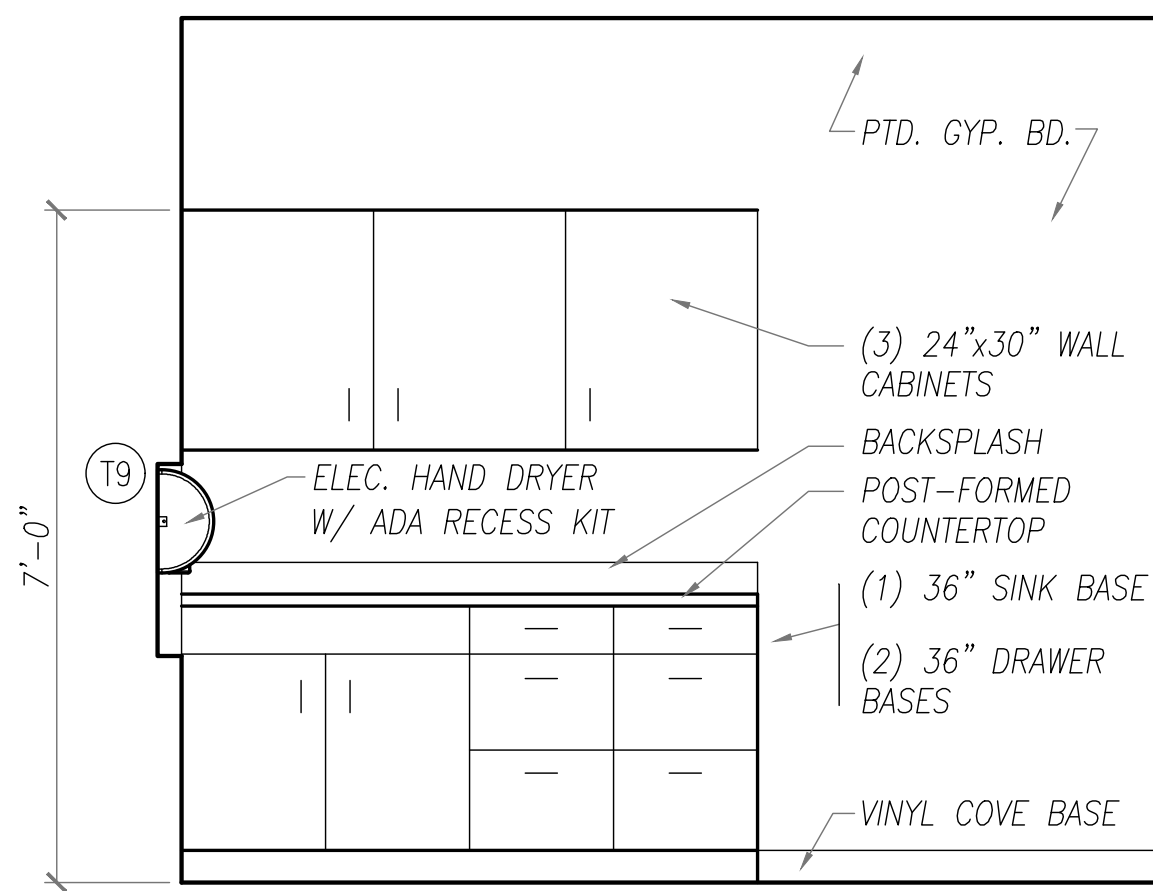
1 WALL SECTION
3/4" = 1'-0"



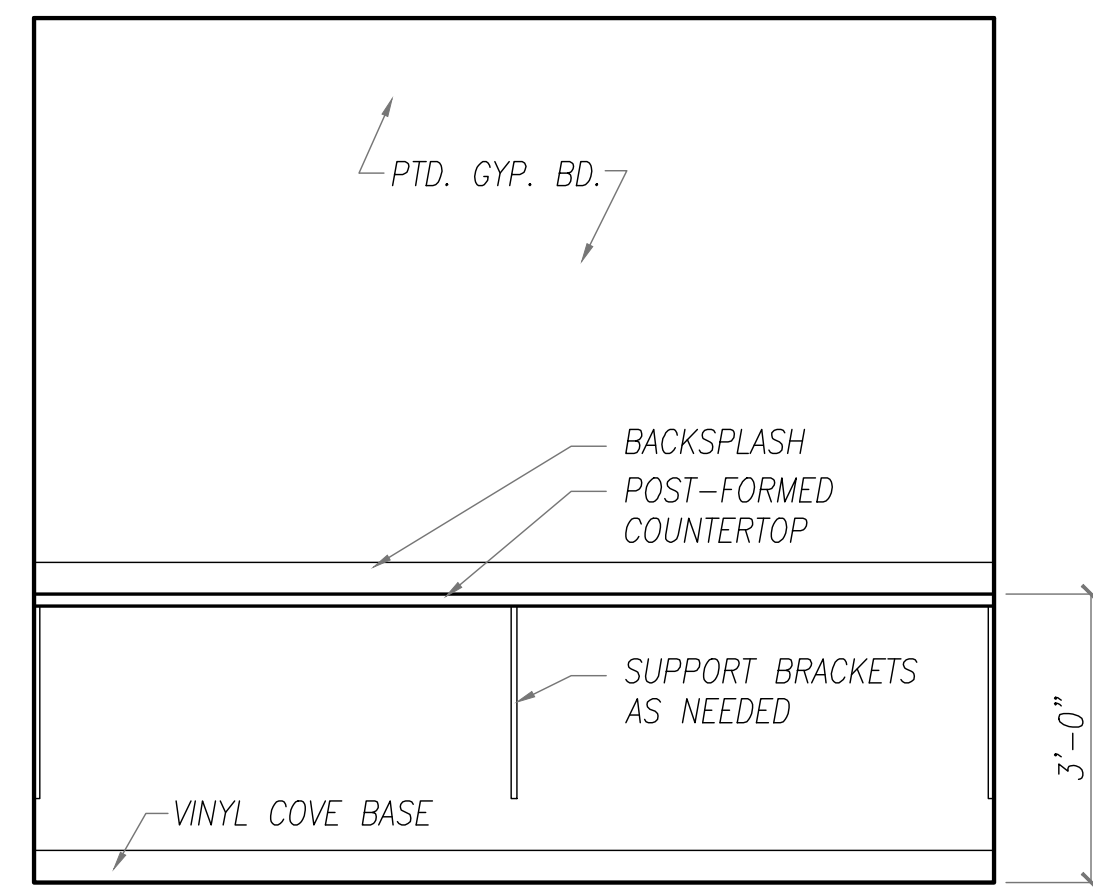
2 WALL SECTION
3/4" = 1'-0"



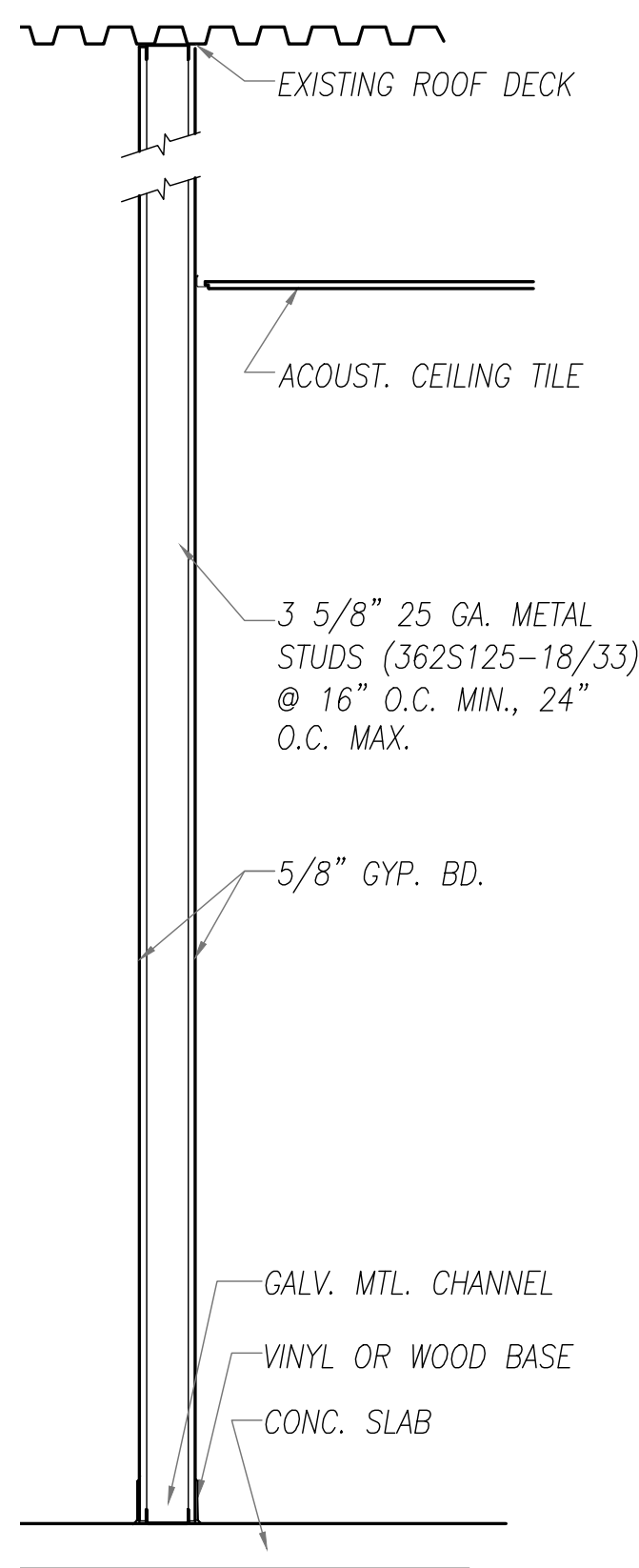
9 ADA MOUNTING HEIGHTS
3/8" = 1'-0"



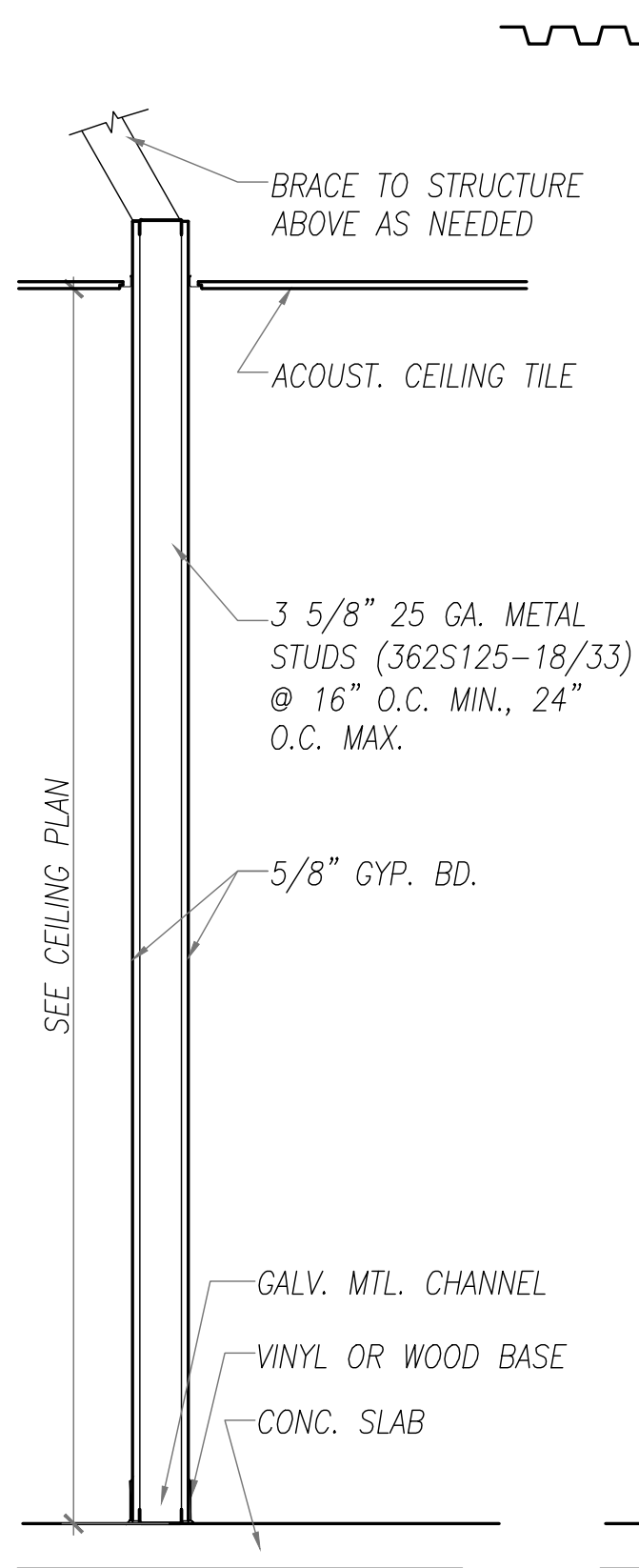
7 INTERIOR ELEVATION
1/2" = 1'-0"



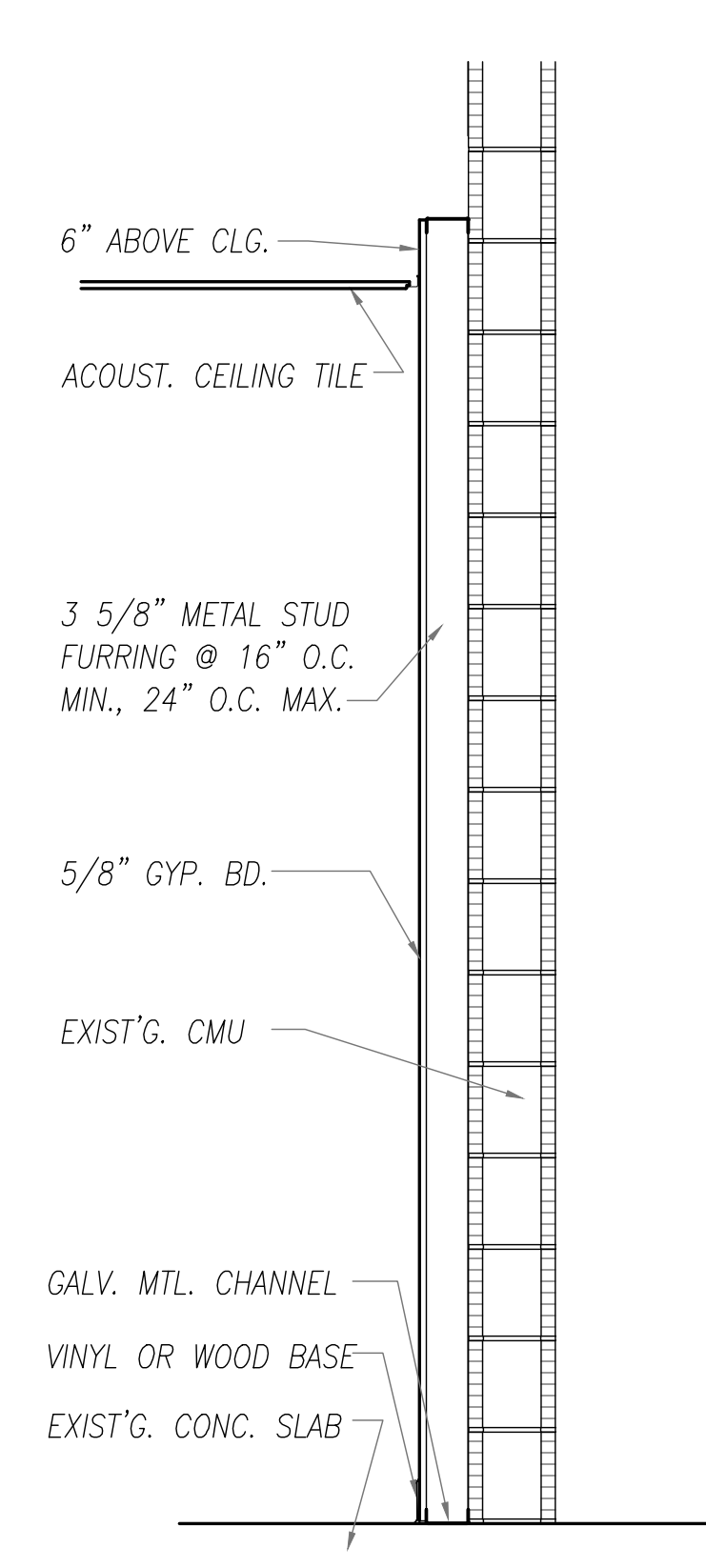
8 INTERIOR ELEVATION
1/2" = 1'-0"



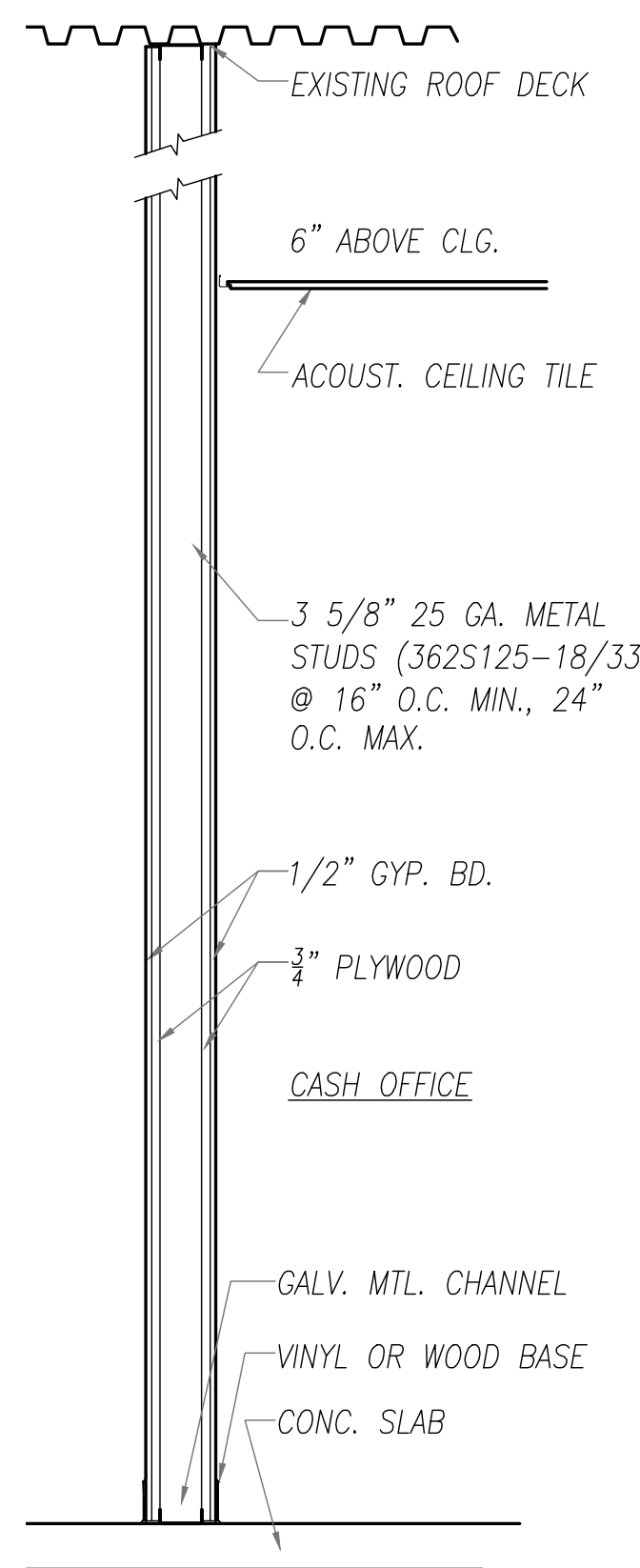
3 WALL SECTION
3/4" = 1'-0"



4 WALL SECTION
3/4" = 1'-0"



5 WALL SECTION
3/4" = 1'-0"



6 WALL SECTION
3/4" = 1'-0"

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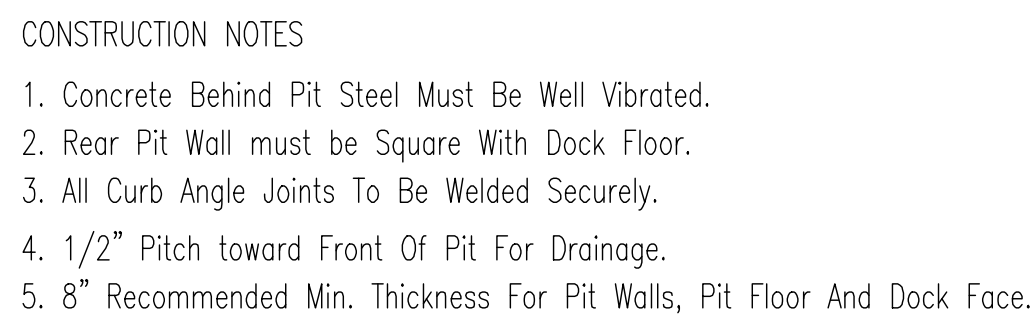
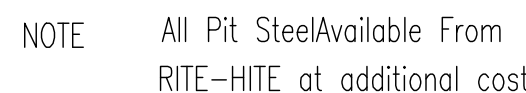
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3rd Revision	
2nd Revision	
1st Revision	
Issue Date	Oct 27, 2021
Project Number	20210607
Wall Sections & Interior Elevations	
A-7	

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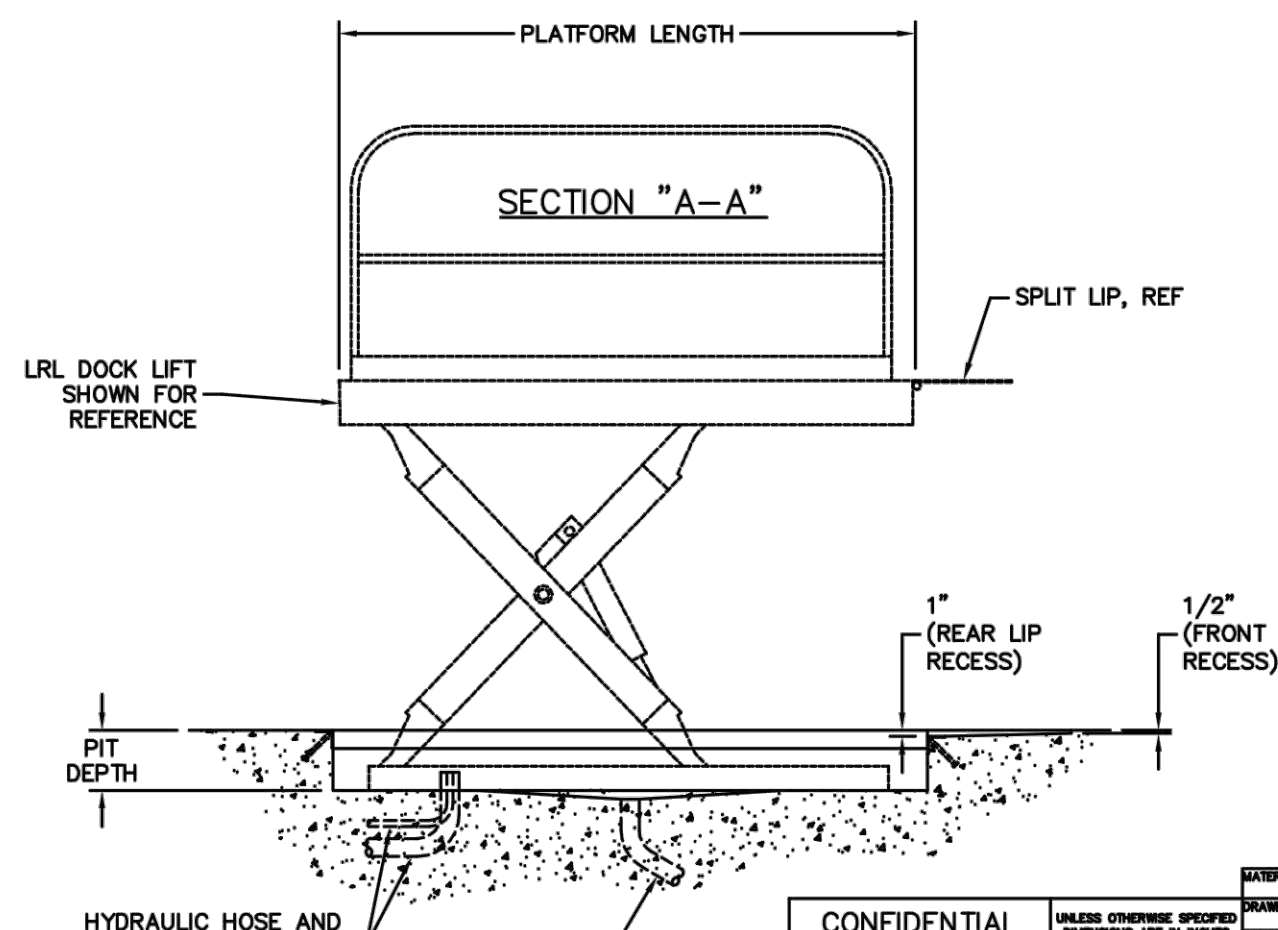
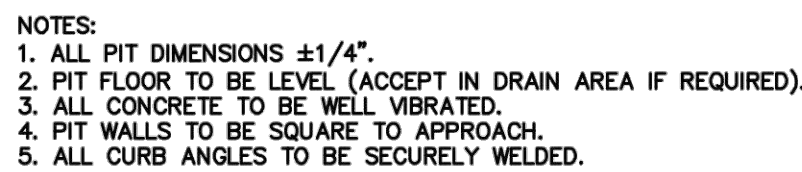


CONTRACTOR'S BILL OF MATERIAL FOR NOMINAL PIT SIZE			
ITEM	QTY.	7'W x 8'L	
1. FRONT CURB ANGLE 3 x 3 x 3/16	1	85"	
2. REAR CURB ANGLE 3 x 3 x 3/16	1	91"	
3. SIDE CURB ANGLE 3 x 3 x 3/16	2	84"	
4. TOP FRONT ANGLE 3 x 3 x 3/16	4	20"	



LRL PIT DIMENSIONS/SPECIFICATIONS			
DESCRIPTION		VALUE	
PLATFORM SIZE		W	X L
CAPACITY			
LIP LENGTH			
PIT WIDTH			
PIT LENGTH			
PIT DEPTH			
LIP RECESS WDTH			
LIP RECESS LENGTH			
FRONT/REAR CURB ANGLE LENGTH			
SIDE CURB ANGLE LENGTH			

USE TABLES & FORMULAS AT RIGHT TO DETERMINE VALUES



REV	DATE	DESCRIPTION	EDN	APPROVED BY
A	13/28/2008	REL PER CAR 20060085SC	20060085SC	P. BELONGA
B	11/27/2007	REL PER EDN 20070400	20070400	T. LATHAM
C	08/09/2008	ADD RUN-OFF-STOP INFO	19426ML	T. LATHAM

PLATFORM SIZE		
SIZE	PLATFORM WIDTH	PLATFORM LENGTH
72"W X 96"L	72"	96"
84"W X 96"L	84"	96"
96"W X 96"L	96"	96"
72"W X 120"L	72"	120"
84"W X 120"L	84"	120"
96"W X 120"L	96"	120"

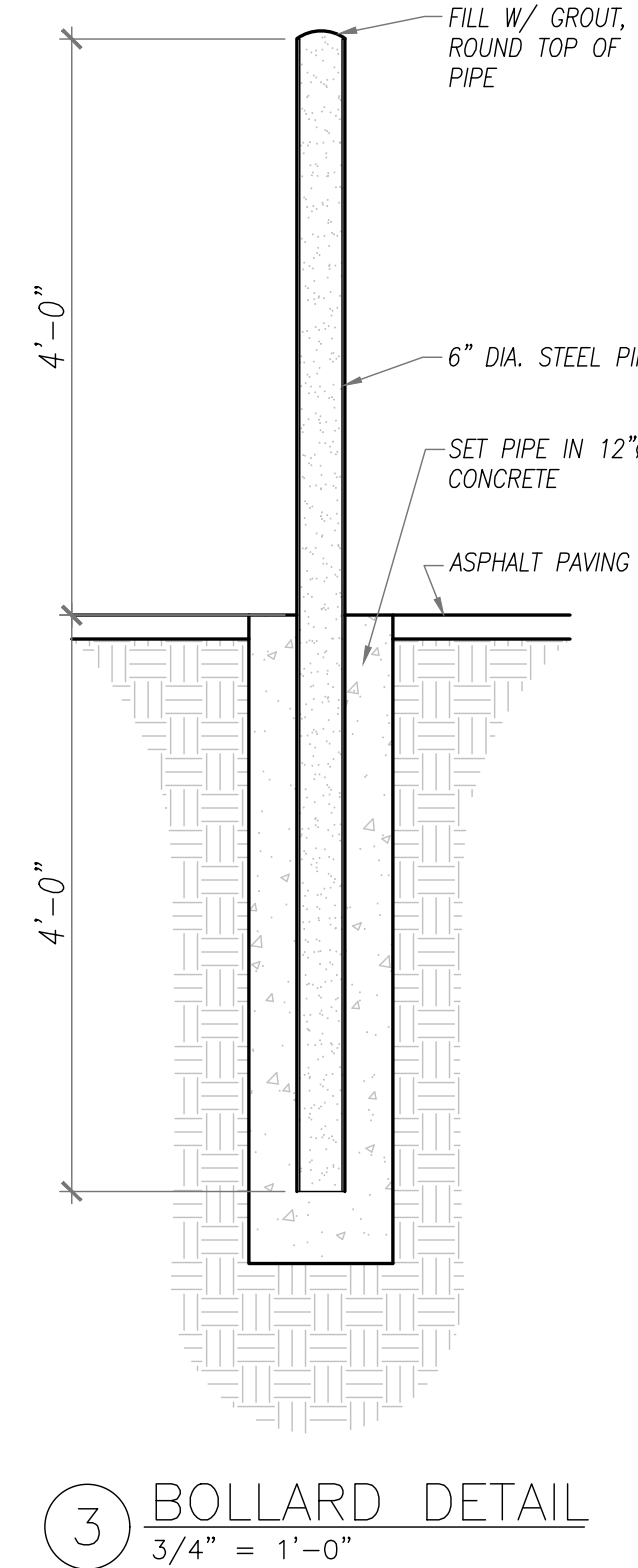
PIT SIZE (WIDTH & LENGTH)	
PIT WIDTH =	PLATFORM WIDTH + 2"
PIT LENGTH =	PLATFORM WIDTH + UP ON (1) END PLATFORM LENGTH + 3"
	PLATFORM WIDTH + UP ON (2) ENDS PLATFORM LENGTH + 4"
	PLATFORM WIDTH + UP ON (1) END & RUN-OFF-STOP ON (1) END PLATFORM LENGTH + 4"
	CAPACITY PIT DEPTH
PIT DEPTH =	5,000 LBS 8-1/2"
	6,000 LBS 10-1/2"
	8,000 LBS 12-1/2"
	10,000 LBS 12-1/2"

LIP RECESS SIZE (IF REQUIRED)	
LIP RECESS WIDTH =	LIP WIDTH + 2"
LIP RECESS LENGTH =	LIP LENGTH + 1/2"

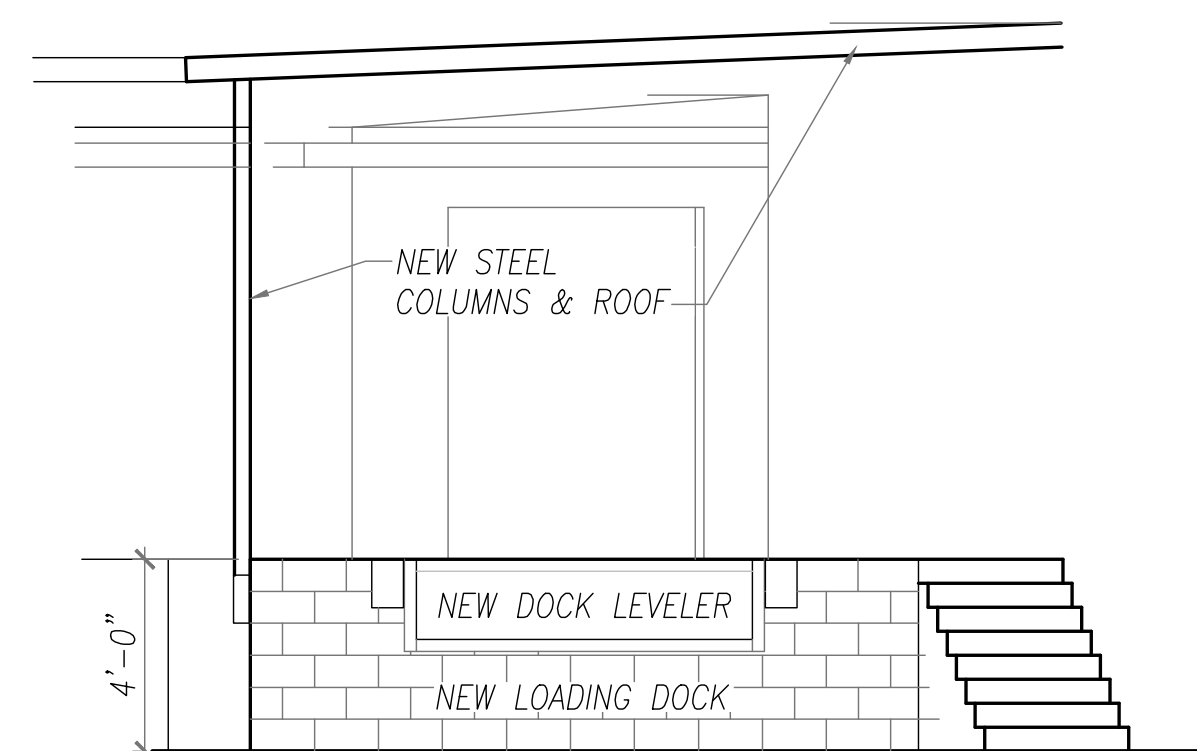
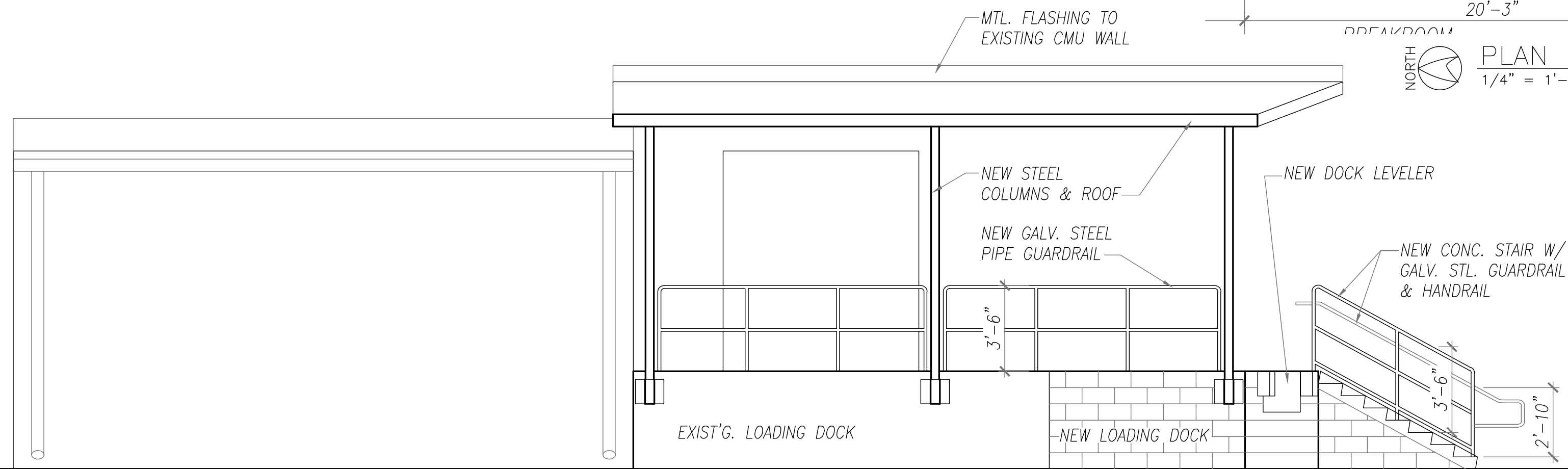
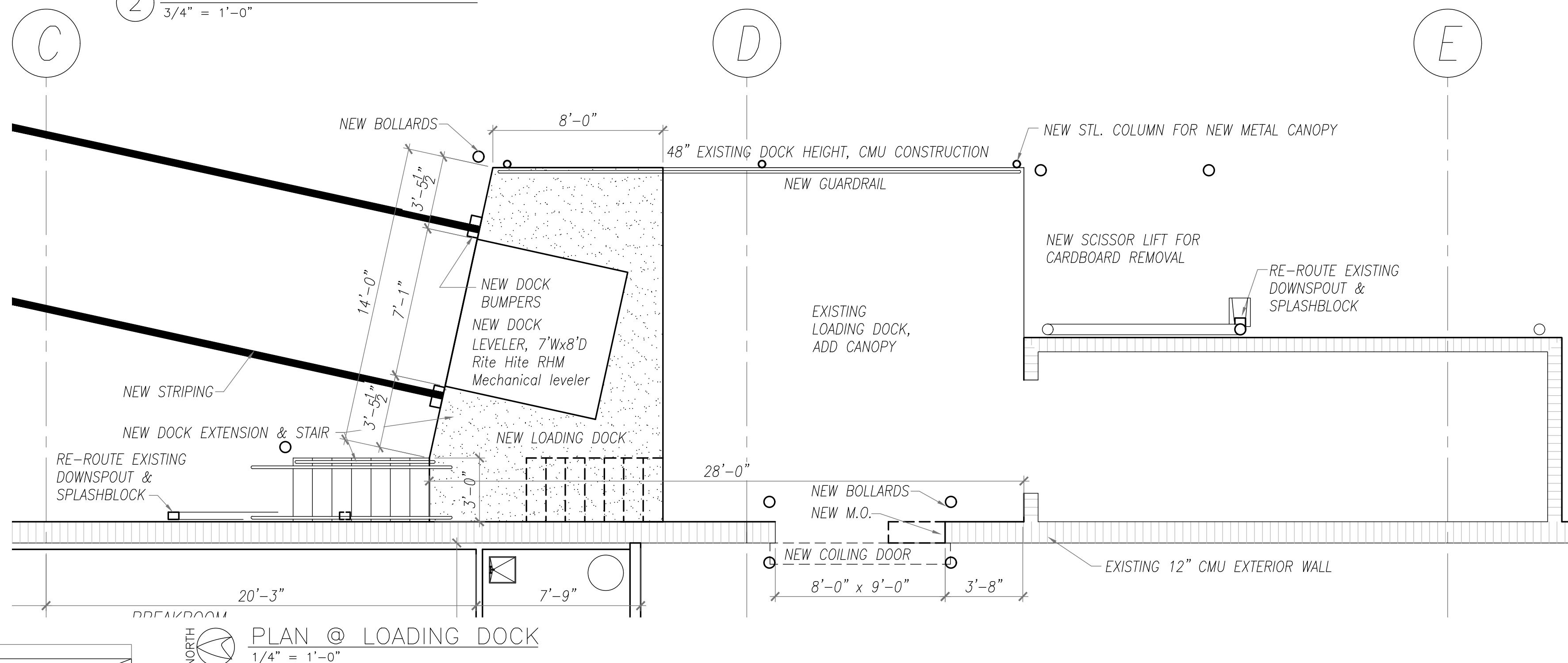
CURB ANGLE LENGTH	
FRONT/Rear CURB ANGLE =	PIT WIDTH
SIDE CURB ANGLE =	PIT LENGTH + 6"

* ALL CURB ANGLE TO BE FABRICATED WITH 3" X 3" X 3/4" ANGLE, AND TO HAVE 6" NELSON STUDS ON 12" CENTERS, (SUPPLIED AND FABRICATED BY OTHERS)

RITE-HITE® PRODUCTS CORPORATION DWG INSTL LRL	
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② SCISSOR LIFT PIT DETAILS
3/4" = 1'-0"



D O O R S C H E D U L E																			
FOOR & FRAME					HARDWARE														REMARKS
NO.	SIZE	TYPE	RATING	FRAME MAT'L.	F86 LOCKSET (STOREROOM)	F75 LOCKSET (PASSAGE)	F08 MORTISE (FRONT DOOR)	DEADBOLT	PUSH-BUTTON COMBIN. LOCK	3 HINGES	CLOSER	PRY PLATE	KICKPLATE	PULL HANDLE & PUSH PLATE	SILENCERS	THRESHOLD	STOP	180° VIEW PEEP HOLE	
101	(2) PR. 3'-0" x 7'-0"	A	–	ALUM															
102	3'-0" x 7'-0"	B	–	HM	●			●		●	●	●			●		●	●	
103	PR. 3'-0" x 8'-0"	C	–	STL									●						
104	PR. 3'-0" x 8'-0"	C	–	STL									●				●		
105	3'-0" x 7'-0"	B	–	HM			●			●	●				●	●	●	●	
106	8'-0" x 9'-0"	D	–	STL									●						
107	3'-0" x 7'-0"	B	–	HM					●	●	●		●		●	●	●	●	
108	3'-0" x 7'-0"	B	–	HM	●					●	●		●		●				
109	3'-0" x 7'-0"	B	–	HM					●	●	●		●		●				
110	3'-0" x 7'-0"	B	–	HM	●					●	●				●			●	
111	3'-0" x 7'-0"	B	–	HM		●				●	●			●	●			●	
112	3'-0" x 7'-0"	B	–	HM						●	●		●	●	●				
113	3'-0" x 7'-0"	B	–	HM						●	●		●	●	●				
114	3'-0" x 7'-0"	B	–	HM			●			●	●		●	●	●	●		●	

DOOR NOTES:

1. ALL DOOR HARDWARE SHALL MEET APPLICABLE ACCESSIBILITY STANDARDS.
2. COORDINATE KEYING WITH TENANT'S REQUIREMENTS
3. ALL DOOR HARDWARE SHALL BE PURCHASED THROUGH CUSHMAN & WAKEFIELD. CONTACT SIOBHAN PANIAS SIOBHAN.PANIAS@CUSHWAKE.COM 978-983-8145.
4. INSTALL A DETEX DELAYED EXIT CONTROL LOCK WHICH IS TO BE DIRECTLY WIRED TO THE FIRE ALARM SYSTEM ON ALL DOORS GOING TO THE OUTSIDE. ALL DOORS WITH THE EXCEPTION OF THE ENTRANCE/EXIT SHALL NOT HAVE KEYED ENTRY FROM THE EXTERIOR.
5. ALL HARDWARE SHALL BE COMMERCIAL GRADE
6. AUTOMATIC SLIDING ENTRY DOOR SHALL HAVE A 2-YEAR WARRANTY
7. ALL OTHER DOORS SHALL HAVE A 1-YEAR WARRANTY

DOOR TYPES:

- A. FULL BREAKOUT BI-PART MEDIUM STILE AUTOMATIC ENTRY DOOR, DORMA ESA300 OR EQUAL
- B. FLUSH HOLLOW METAL W/ HONEYCOMB CORE
- C. WAREHOUSE DOORS, BI-SWINGING WITH ADA WINDOWS, ELIASON P11-PLUS, GRAY 110, PHOENIX HAWK HH1 HONEYCOMB DOOR, DARK GRAY, OR EQUAL.
- D. COILING OVERHEAD STEEL DOOR, ELECTRICALLY OPERATED

R O O M F I N I S H S C H E D U L E								
No.	NAME	FLOOR	BASE	WALLS (ALL INTERIOR SUBSTRATES ARE GYPSUM WALL BOARD)				CEILING (SEE PLAN FOR HEIGHT)
				NORTH	SOUTH	EAST	WEST	
101	RETAIL AREA	POLISHED CONCRETE	VINYL COVE BASE	PTD. CMU	PTD. CMU	PTD. GYP. BD.	PTD. GYP. BD.	PAIN EXPOSED STRUCTURE
102	CASHIER AREA	POLISHED CONCRETE	VINYL COVE BASE	–	–	–	PTD. GYP. BD.	PAIN EXPOSED STRUCTURE
103	CASH OFFICE	POLISHED CONCRETE	VINYL COVE BASE	PTD. GYP. BD.	PTD. GYP. BD.	PTD. GYP. BD.	PTD. GYP. BD.	A.C.T. 1
104	STOCKROOM	SEALED CONCRETE	VINYL COVE BASE	PTD. GYP. BD.	PTD. CMU	PTD. GYP. BD.	PTD. CMU	NONE
105	CORRIDOR	POLISHED CONCRETE	VINYL COVE BASE	PTD. GYP. BD.	PTD. GYP. BD.	PTD. GYP. BD.	PTD. GYP. BD.	A.C.T. 1
106	MEN'S TOILET	POLISHED CONCRETE	CERAMIC TILE	PTD. GYP. BD.	PTD. GYP. BD.	PTD. GYP. BD.	PTD. GYP. BD.	A.C.T. 1
107	WOMEN'S TOILET	POLISHED CONCRETE	CERAMIC TILE	PTD. GYP. BD.	PTD. GYP. BD.	PTD. GYP. BD.	PTD. GYP. BD.	A.C.T. 1
108	MANAGER'S OFFICE	POLISHED CONCRETE	VINYL COVE BASE	PTD. GYP. BD.	PTD. GYP. BD.	PTD. GYP. BD.	PTD. GYP. BD.	A.C.T. 1
109	JANITOR	POLISHED CONCRETE	VINYL COVE BASE	PTD. GYP. BD.	PTD. GYP. BD.	PTD. GYP. BD.	PTD. GYP. BD.	A.C.T. 1
110	BREAKROOM	POLISHED CONCRETE	VINYL COVE BASE	PTD. GYP. BD.	PTD. GYP. BD.	PTD. GYP. BD.	PTD. GYP. BD.	A.C.T. 1
111	VESTIBULE	POLISHED CONCRETE	VINYL COVE BASE	PTD. GYP. BD.	PTD. GYP. BD.	PTD. GYP. BD.	PTD. GYP. BD.	A.C.T. 1

PTD. GYP. BD. PAINTED GYPSUM BOARD, LEVEL 4 SMOOTH FINISH

VINYL COVE BASE ARMSTRONG METAL GRAY R48MG OR EQUAL

CMU EXISTING EXPOSED CMU: PATCH, PRIME, SEAL, AND COAT

PAINT:

WALLS: SHERWIN WILLIAMS, MASTER HIDE, EXTRA WHITE, LATEX, LOW SHEEN WASHABLE SURFACE.

DOORS AND TRIM: SHERWIN WILLIAMS, MASTER HIDE, EXTRA WHITE, LATEX, GLOSS.

EXISTING STEEL COLUMNS: SHERWIN WILLIAMS'S SAFETY RED.

NOTE 1

ALL TOILET ROOM WALLS SHALL HAVE CERAMIC TILE TO A HEIGHT OF 4 FEET (MIN.) ABOVE THE FLOOR OR EQUIVALENT SMOOTH, HARD MATERIAL NOT ADVERSELY AFFECTED BY MOISTURE.

VINYL COVE BASE SHALL BE SOLID VINYL 1/8" THICK, A.C.T. 1;

ARMSTRONG PRODUCT NO. 1728 FINE FISSURED OR EQUAL WITH THE FOLLOWING PERFORMANCE. SIZE AS SHOWN ON PLAN.

ACOUSTICS NRC: 0.55

ACOUSTICS CAC: 3.3

ACOUSTICS AC: N/A

FIRE RESIST: CLASS A (UL)

LIGHT REFLECT: 0.85

HUMIDITY RESISTANCE: HUMIGUARD PLUS

ANTI-MICROBIAL: BIOBLOCK+

VOC FORMALDEHYDE: LOW

RECYCLING PROGRAM: YES

SUSPENSION GRID: 15/16" "PRELUDE" STANDARD TEE GRID

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IF DIGITALLY SEALED, THE SEAL APPLIES TO THIS DOCUMENT AND THE DRAWING INDEX IN ACCORDANCE WITH FLORIDA STATUTE 6101-16.003(2).

THIS SET HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY JOHN REEP, ARCHITECT ON 10/27/21 USING A DIGITAL SIGNATURE.

Encrypted Digital Seal

Do Not Scale The Drawings

5th Revision

4th Revision

3rd Revision

2nd Revision

1st Revision

Issue Date Oct. 27, 2021

Project Number 20210607

Schedules

A-9

Ollie's Bargain Outlet

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CONSULTANT

Signature/Seal