

O'Reilly AUTO PARTS

REMODEL O'REILLY AUTO PARTS STORE 1101 N. ILLINOIS ST HARRISBURG, ARKANSAS

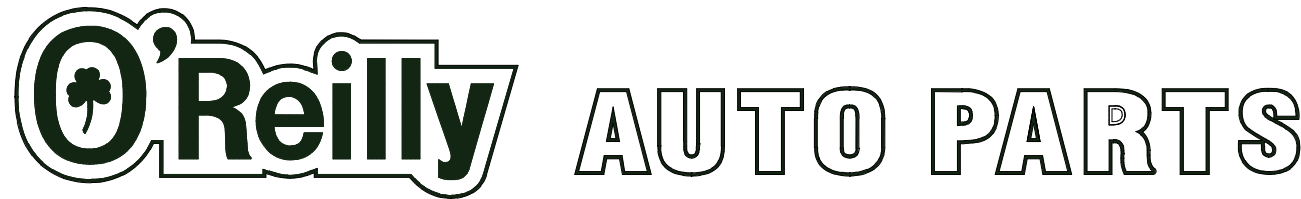
ABBREVIATIONS LEGEND

AFF	ABOVE FINISHED FLOOR	INT	INTERIOR
AC	ACOUSTICAL	JST	JOIST
ALT	ALTERNATE	JNT	JOINT
AL	ALUMINUM	KIT	KITCHEN
ALUM	ALUMINUM	LH	LEFT HAND
AB	ANCHOR BOLT	LF	LINEAR FOOT
ARCH	ARCHITECT (URAL)	LTL	LENGTH
BSMT	BASEMENT	LL	LINTEL
BPM	BEARING	LL	LIVE LOAD
BM	BENCH MARK	MACH	MACHINE
BEL	BELOW	MH	MANHOLE
BLK	BLOCK	MFR	MANUFACTURER
BLKG	BLOCKING	MAS	MASONRY
BD	BOARD	MOS	MASONRY OPENING
BT	BOTH WAYS	MAX	MAXIMUM
BT	BOTTOM	MECH	MECHANICAL
BF	BOTTOM OF FOOTING	MED	MEDIUM
BFC	BOTTOM OF FOOTING	MFR	MODIFIED BITUMEN ROOFING
BRK	BRICK	MET	METAL
BLDG	BUILDING	MTL	METAL
BUR	BUILT UP ROOFING	M	METERS
CAB	CABINET	MMWK	MILLWORK
CLD	CEILING	MM	MINIMUM
CL	CENTER LINE	MISC	MISCELLANEOUS
CO	CORNER OF CENTER	MT	MOUNTED (ING)
CC	CENTER TO CENTER	NOM	NOMINAL
CLAR	CLEAR	N	NORTH
COL	COLUMN	NIC	NOT IN CONTRACT
CONC	CONCRETE	NTS	NOT TO SCALE
CMU	CONCRETE MASONRY UNIT	OC	ON CENTER(S)
CONST	CONSTRUCTION	OPG	OPENING
CONTR	CONTRACTOR	OPH	OPPOSITE HAND
CONTR	CONTINUOUS	OD	OUTSIDE DIAMETER
CONTR	COUNTER	OO	OUT TO OUT
CFL	COUNTERSUNK	OA	OVERALL
CBS	COURSE(S)	OH	OVERHEAD
CF	CUBIC FEET	PC	PIECE
CY	CUBIC YARD	PNT	PAINTED
DL	DEAD LOAD	PTD	PAINTED
DEM	DEMOLISH, DEMOLITION	PKG	PARKING
DTL	DETAIL	PLAM	PLASTIC LAMINATE
DIAG	DIAGONAL	PL	PLATE
DIAM	DIAMETER	PWD	PLYWOOD
DIM	DIMENSION	PVC	POLYVINYL CHLORIDE
DR	DOWN SPOUT	PSF	POUNDS PER SQUARE FT.
DS	DOWN	PSI	POUNDS PER SQUARE IN.
D	DRAIN	PT	PRESSURE TREATED
DWG	DRAWING	PL	PROPERTY LINE
E	EAST	REM	REMOVE
EFS	EXTERIOR INSULATION AND FINISH SYSTEM	RET	RETURN
ELEC	ELECTRICAL	RH	RIGHT HAND
EW	ELECTRIC WATER COOLER	RD	ROOF DRAIN
EL	ELEVATOR	RFQ	ROOFING
ELEV	ELEVATION	RM	ROOM
EMER	EMERGENCY	RO	ROUGH OPENING
EQ	EQUAL	SNT	SEALANT
EXG	EXISTING	SNT	SEALANT
EXST	EXISTING	SEC	SECTION
EXP	EXPOSED	SECT	SECTION
EXT	EXTERIOR	SHTHG	SHEATHING
EXT	EXTERIOR	SHT	SHEET
FOF	FACE OF FINISH	SM	SIMILAR
FO	FACE OF MASONRY	SC	SOLID CORE
FOS	FACE OF STUDS	S	SOUTH
FS	FINISHED	SF	SQUARE FOOT
FEL	FINISHED FLOOR ELEV.	SI	SQUARE INCH
FEL	FINISHED FLOOR LINE	SY	SQUARE YARD
FEL	FIRE EXTINGUISHER	STD	STANDARD
FEC	FIRE EXTINGUISHER CABINER	STO	STORAGE
FT	FIRE TREATED	SUS	SUSPENDED
FLSHNG	FLASHING	SYM	SYMMETRY (ICAL)
FLR	FLOOR	TEL	TELEPHONE
FD	FLOOR DRAIN	TV	TELEVISION
FD	FOOTING	THK	THICKNESS
FON	FOUNDATION	T&G	TONGUE & GROOVE
FON	FOUNDATION	TM	TOP OF MASONRY
FUR	FURRING	TCM	TOP OF MASONRY
GA	GAGE, GAUGE	TS	TOP OF STEEL
GV	GALVANIZED	TOS	TOP OF STEEL
GC	GENERAL CONTRACTOR	TOW	TOP OF WALL
GL	GLASS, GLAZING	TYP	TYPICAL
GP	GYPSONUM	UNO	UNLESS OTHERWISE NOTED
GYP	GYPSONUM	UNO	UNLESS OTHERWISE NOTED
GWB	GYPSONUM WALL BOARD	VERT	VERTICAL
HTS	HEATING	VT	VERTICAL
HVAC	HEATING/VENTILATING/AIR COND.	WSCOT	WATER CLOSET
HT	HEIGHT	WWF	WELDED WIRE FABRIC
HC	HOLLOW CORE	W	WIDTH
HM	HOLLOW METAL	W	WIDTH, WIDE
HK	HOOK(S)	WIN	WINDOW
HOR	HORIZONTAL	WO	WITHOUT
HB	HOSE BIBB	W/O	WITHOUT
INS	INSULATED (D), (CON)	W/O	WITHOUT
INSUL	INSULATE	W/O	WITHOUT

SYMBOLS LEGEND

	SECTION NUMBER	542	WALL TYPE MARK
	SECTION/ELEVATION MARK	100A	DOOR MARK
	SHEET NUMBER	A1	WINDOW MARK
	DETAIL NUMBER	A	GRID MARK
	DETAIL MARK		
	SHEET NUMBER		

OWNER OR TENANT



O'REILLY AUTOMOTIVE STORES, INC. A MISSOURI CORPORATION
(FORMERLY KNOWN AS O'REILLY AUTOMOTIVE, INC.)
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QUALITY CONRTOL

1. REFER TO PROJECT MANUAL, SECTION 01 45 16 - QUALITY CONTROL PROCEDURES, FOR ADDITIONAL REQUIREMENTS.

2. REFER TO STRUCTURAL DRAWINGS FOR SCHEDULE OF SPECIAL INSPECTIONS, IF INDICATED.

3. WHERE REQUIRED, THE OWNER SHALL PROVIDE THE SERVICES OF AN INDEPENDENT TESTING LABORATORY TO PERFORM TESTING AND SPECIAL INSPECTIONS INDICATED.

GENERAL NOTES

A. CONTRACT ADMINISTRATION (LIMITED SERVICE): THE ARCHITECT AND/OR ENGINEER OF RECORD INDICATED HEREIN ARE PROVIDING A LIMITED SERVICE AND NOT PROVIDING CONTRACT ADMINISTRATION SERVICES FOR THIS PROJECT WHICH IS THE RESPONSIBILITY OF OTHERS. THE ARCHITECT AND/OR ENGINEER ARE NOT RESPONSIBLE FOR FIELD ACTIVITIES ON THIS PROJECT WITHOUT DIRECT INSPECTION OF THE WORK IN PROGRESS. IF FIELD CONDITIONS ARE UNCOVERED THAT REQUIRE A CHANGE OR ADDITIONAL INFORMATION, THE ARCHITECT AND/OR ENGINEER DOES NOT DELEGATE AUTHORITY TO ANYONE ELSE FOR DETERMINING THE MEANING OF PLANS OR SPECIFICATIONS AS AUTHENTICATED HEREIN.

B. QUALITY STANDARDS AND BUILDING CODES: CONTRACTORS SHALL BE RESPONSIBLE FOR KNOWING THE QUALITY AND PUBLIC SAFETY REGULATIONS SET FORTH IN THE GOVERNING CODES AND OTHER APPLICABLE REGULATIONS OF LOCAL AND STATE AGENCIES HAVING JURISDICTION WHICH GOVERN EACH CONTRACTOR'S WORK.

C. EXISTING CONDITIONS: FIELD VERIFY EXISTING CONDITIONS BY DETAILED INSPECTION PRIOR TO SUBMITTING BID AND BEGINNING WORK. NOTIFY THE ARCHITECT AND/OR ENGINEER OF RECORD IF EXISTING CONDITIONS DEVIATE SUBSTANTIALLY FROM THOSE INDICATED HEREIN.

PROJECT DESCRIPTION

A COMPLETE INTERIOR REMODEL / BUILDOUT OF A 7,303 S.F. LEASE SPACE IN AN EXISTING SHOPPING CENTER WITH MINOR EXTERIOR MODIFICATIONS.

SHEET INDEX

SHEET NUMBER	SHEET NAME
GENERAL	
T1.1	COVER SHEET
G1.1	CODE SUMMERY PLAN
DEMO	
D1.1	DEMOLITION FLOOR PLAN
D2.1	DEMOLITION ELEVATIONS
CIVIL	
C1	EXISTING CONDITIONS AND REMOVALS PLAN
C2	SITE PAVING PLAN
C3	GRADING, DRAINAGE, EROSION AND SEDIMENT CONTROL PLAN
C4	CIVIL DETAILS
C4.1	CIVIL DETAILS

STRUCTURAL	
S0	GENERAL STRUCTURAL NOTES
S1	STRUCTURAL PLAN
S3	STRUCTURAL DETAILS

ARCHITECTURE	
A1.1	FLOOR PLAN
A1.2	INTERIOR FINISH PLAN
A1.3	REFLECTED CEILING PLAN
A2.1	EXTERIOR ELEVATIONS
A4.1	INTERIOR ELEVATIONS
A4.2	INTERIOR SECTIONS AND DETAILS
A5.1	DOOR SCHEDULE
A5.2	WINDOW SCHEDULE
A6.0	ROOF PLAN AND DETAILS
SG2.1	BUILDING EXTERIOR SIGNAGE

PLUMBING	
ME1.0	SEISMIC DETAILS
P1.0	PLUMBING PLAN
P2.0	PLUMBING DETAILS

MECHANICAL	
M1.0	HVAC PLAN
M2.0	HVAC SCHEDULES
M3.0	SCHEMATIC / INSTALLATION

ELECTRICAL	
E1.0	LIGHTING PLAN
E2.0	POWER PLAN
E3.0	ELECTRICAL SCHEDULES
E4.0	ELECTRICAL NOTES
EM1.0	GRIDPOINT EMS
EM1.1	GRIDPOINT EMS
EM1.2	GRIDPOINT EMS

I HEREBY CERTIFY THAT THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY ME, OR UNDER MY SUPERVISION. I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THESE PLANS AND SPECIFICATIONS ARE AS REQUIRED BY LAW AND ARE IN COMPLIANCE WITH THE ARKANSAS FIRE PREVENTION CODE FOR THE STATE OF ARKANSAS.

[Signature]



SHEETS BEARING THIS SEAL ARE AUTHENTICATED. RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS OR INSTRUMENTS ARE DISCLAIMED.



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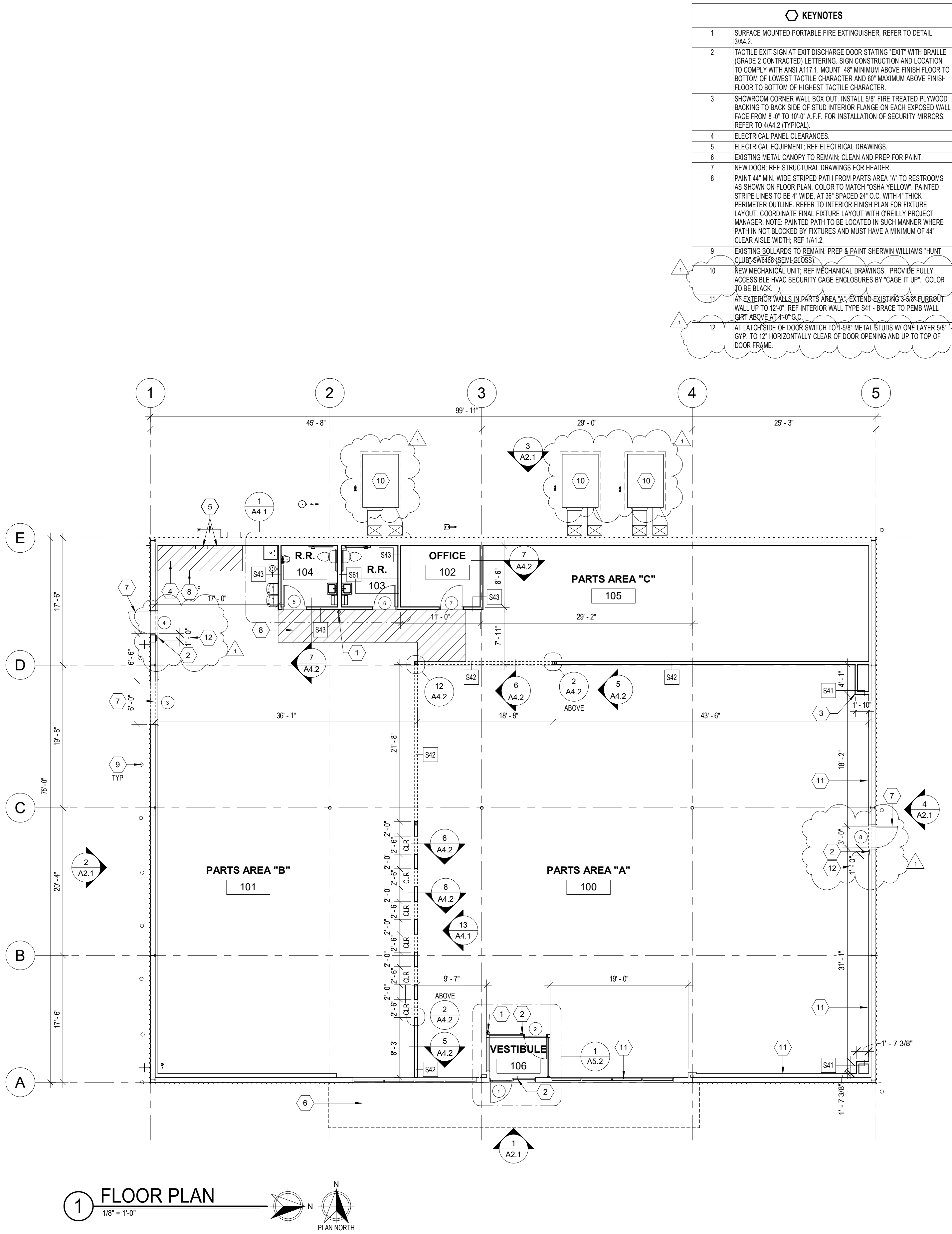
DATE:
04/19/2021

REVISION:
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PROJECT NUMBER:
2021.0102

SHEET NUMBER:

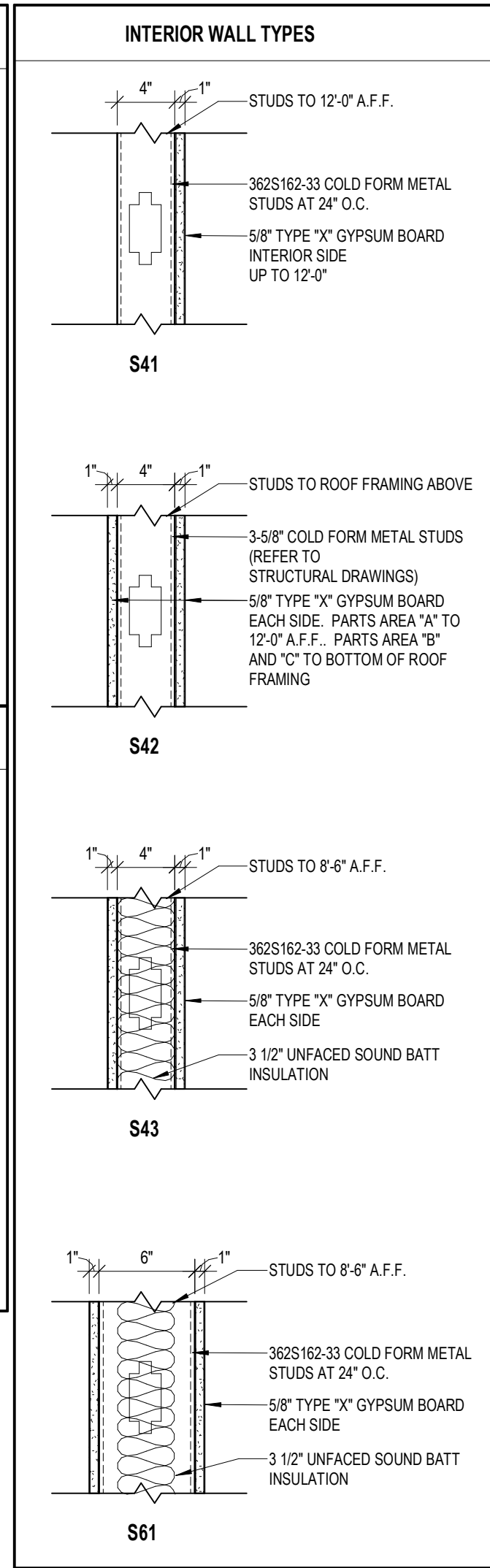
T1.1



KEYNOTES	
1	SURFACE MOUNTED PORTABLE FIRE EXTINGUISHER, REFER TO DETAIL 3/A4.2
2	TACTILE EXIT SIGN AT EXIT DISCHARGE DOOR STATING "EXIT" WITH BRAILLE (GRADE 2 CONTRACTED) LETTERING. SIGN CONSTRUCTION AND LOCATION TO COMPLY WITH ANSI A117.1. MOUNT 48" MINIMUM ABOVE FINISH FLOOR TO BOTTOM OF LOWEST TACTILE CHARACTER AND 60" MAXIMUM ABOVE FINISH FLOOR TO BOTTOM OF HIGHEST TACTILE CHARACTER.
3	SHOWROOM CORNER WALL BOX OUT. INSTALL 5/8" FIRE TREATED PLYWOOD BACKING TO BACK SIDE OF STUD INTERIOR FLANGE ON EACH EXPOSED WALL FACE FROM 8'-0" TO 10'-0" A.F.F. FOR INSTALLATION OF SECURITY MIRRORS. REFER TO 4/A4.2 (TYPICAL).
4	ELECTRICAL PANEL CLEARANCES.
5	ELECTRICAL EQUIPMENT; REF ELECTRICAL DRAWINGS.
6	EXISTING METAL CANOPY TO REMAIN. CLEAN AND PREP FOR PAINT.
7	NEW DOOR; REF STRUCTURAL DRAWINGS FOR HEADER.
8	PAINT 44" MIN. WIDE STRIPED PATH FROM PARTS AREA "A" TO RESTROOMS AS SHOWN ON FLOOR PLAN, COLOR TO MATCH "OSHA YELLOW". PAINTED STRIPE LINES TO BE 4" WIDE, AT 36" SPACED 24" O.C. WITH 4" THICK PERIMETER OUTLINE. REFER TO INTERIOR FINISH PLAN FOR FIXTURE LAYOUT. COORDINATE FINAL FIXTURE LAYOUT WITH O'REILLY PROJECT MANAGER. NOTE: PAINTED PATH TO BE LOCATED IN SUCH MANNER WHERE PATH IS NOT BLOCKED BY FIXTURES AND MUST HAVE A MINIMUM OF 44" CLEARANCE WIDTH. REF 1/A1.2
9	EXISTING BOLLARDS TO REMAIN. PREP & PAINT SHERWIN WILLIAMS "HUNT CLUB" GYPSUM (SEMIGLOSS).
10	NEW MECHANICAL UNIT; REF MECHANICAL DRAWINGS. PROVIDE FULLY ACCESSIBLE HVAC SECURITY CAGE ENCLOSURES BY "CAGE IT UP". COLOR TO BE BLACK.
11	AT EXTERIOR WALLS IN PARTS AREA "A": EXTEND EXISTING 3-5/8" EMBROUT WALL UP TO 12'-0"; REF INTERIOR WALL TYPE S41. BRACE TO PEMB WALL GIRT ABOVE AT 4'-0" O.C.
12	AT LATCH SIDE OF DOOR SWITCH TO 5/8" METAL STUDS W/ ONE LAYER 5/8" GYP TO 12" HORIZONTALLY CLEAR OF DOOR OPENING AND UP TO TOP OF DOOR FRAME.

GENERAL NOTES	
A.	REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
B.	REFER TO A5.2 FOR WINDOW TYPES [X]
C.	EXISTING CONDITIONS BASED UPON INFORMATION PROVIDED BY OTHERS OR ARCHITECT'S OBSERVATION. FIELD VERIFY EXISTING CONDITIONS BY DETAILED INSPECTION PRIOR TO SUBMITTING BID AND BEGINNING CONSTRUCTION. NOTIFY ARCHITECT IF EXISTING CONDITIONS DEVIATE SUBSTANTIALLY FROM THOSE INDICATED HEREIN.
D.	EXISTING CONSTRUCTION CLASSIFICATION: UNLESS OTHERWISE INDICATED ON CODE SUMMARY DRAWING, EXISTING CONSTRUCTION MATERIALS ASSUMED TO BE CLASSIFIED AS NON-COMBUSTIBLE. IF CONTRACTOR ENCOUNTERS EXISTING MATERIALS CLASSIFIED AS COMBUSTIBLE (NON-FIRE TREATED WOOD, NON-CLASS "A" THERMAL AND ACOUSTICAL INSULATION, NON-ENCAPSULATED FOAM PLASTICS OR KRAFT-FACED INSULATION) OR NON-FIRE RATED GYPSUM BOARD IN REQUIRED FIRE RATED ASSEMBLIES, NOTIFY ARCHITECT IMMEDIATELY FOR ADDITIONAL WORK MODIFICATION REQUIREMENTS OR POTENTIAL BUILDING CODE CONSTRUCTION TYPE RECLASSIFICATION.
E.	ALL DIMENSIONS TO FINISH FACE OF EXISTING CONSTRUCTION, ROUGH FACE OF NEW FRAMING, NEW CONCRETE, NEW MASONRY OR CENTERLINE OF STRUCTURE, UNLESS OTHERWISE NOTED. COLD FORM METAL STUD INTERIOR PARTITION DIMENSIONS 3-5/8" UNLESS OTHERWISE INDICATED AND NOT SHOWN FOR CLARITY.
F.	REFER TO FINISH SCHEDULES FOR ADDITIONAL REQUIREMENTS.

CONCRETE FLOOR LEVELING	
PROJECT MANUAL:	REFER TO SECTION 03 54 16 - HYDRAULIC CEMENT UNDERLAYMENT, FOR ADDITIONAL REQUIREMENTS.
MANUFACTURER (OR APPROVED EQUAL):	CTS CEMENT MANUFACTURING SUITE A CYPRESS, CALIFORNIA 90630 PHONE: 909-929-3030
PRODUCT:	"CONCRETE LEVELER", ASTM C1708, HYDRAULIC CEMENT BASED SELF LEVELING FLOOR UNDERLAYMENT, APPLIED UP TO 2" THICK AND UP TO 5" THICK WHEN EXTENDED WITH AGGREGATE.
COLOR:	MATCH EXISTING CONCRETE AS CLOSE AS POSSIBLE.
LOCATION:	EXISTING INTERIOR CONCRETE FLOOR SLAB REPAIRS, EXISTING FLOOR SLAB SURFACE DIFFERENTIAL IN HEIGHTS, ETC.
INSTALLATION:	INSTALL PER MANUFACTURER'S SPECIFICATIONS.



ROOF, WALL, & CEILING GENERAL NOTES	
1. GENERAL:	A. EXISTING CONSTRUCTION TO BE REWORKED AS REQUIRED FOR INSTALLATION OF NEW CONSTRUCTION. PATCH AND REPAIR EXPOSED SURFACES OF EXISTING CONSTRUCTION TO REMAIN AT LOCATIONS OF EXISTING CONSTRUCTION TO BE REMOVED. FIELD VERIFY SCOPE OF WORK REQUIRED.
B.	REFER TO SECTIONS AND DETAILS FOR ADDITIONAL REQUIREMENTS.
2. COLD FORM METAL FRAMING:	A. PROVIDE FIRE TREATED 2X BLOCKING AS REQUIRED FOR INSTALLATION OF ACCESSORIES PER MANUFACTURER'S RECOMMENDATIONS.
B.	PROVIDE DIAGONAL WALL BRACING (3" X 16 GA. FLAT STRIP) AT CORNER FACES OF FREE STANDING WALL PARTITIONS.
C.	WHERE WALL FRAMING EXTENDS TO BOTTOM OF ROOF DECK OR STRUCTURE, PROVIDE DEFLECTION CHANNELS AT TOP TRACK FOR 1 1/2" MINIMUM DEFLECTION.
D.	PROVIDE TOP OF WALL 45 DEGREE LATERAL BRACING (3625162-43 STUDS AT 48" O.C.) ALTERNATING AND EXTENDING TO STRUCTURAL FRAMING SYSTEM ABOVE AT THE FOLLOWING CONDITIONS: 1. WHERE TOP OF WALL FRAMING NOT ATTACHED TO JOIST FRAMING AND WALL DOES NOT EXTEND TO BOTTOM OF DECK OR STRUCTURE ABOVE. 2. WHERE 3625162 WALL FRAMING HEIGHT EXCEEDS 10'-0". 3. WHERE 6005162 WALL FRAMING HEIGHT EXCEEDS 15'-0".
E.	PROVIDE HORIZONTAL STUD BRIDGING AT 4'-0" O.C. VERTICAL.
F.	WHERE EXTERIOR WALLS REQUIRE INTERIOR WALL FRAMING, PROVIDE LATERAL STUD CLIPS ATTACHED TO EXISTING STRUCTURE AT 48" O.C. VERTICAL AT EACH ALTERNATE STUD.
G.	REFER TO WINDOW AND DOOR HEAD, JAMB AND SILL DETAILS FOR ADDITIONAL FRAMING REQUIREMENTS.
H.	WHERE INCLUDED IN CONSTRUCTION DOCUMENTS, REFER TO STRUCTURAL DRAWINGS FOR STUD FRAMING REQUIREMENTS. WHERE CONSTRUCTION DOCUMENTS DO NOT INCLUDE STRUCTURAL DRAWINGS, MAXIMUM ALLOWABLE INTERIOR METAL STUD WALL HEIGHTS AND SPACING (BASED UPON MAXIMUM HORIZONTAL LOAD 5 PSF AND MAXIMUM DEFLECTION LIMITS L/240): 3625162-33 @ 16" O.C. = 17'-7" 3625162-33 @ 24" O.C. = 15'-4" 3625162-43 @ 16" O.C. = 19'-1" 3625162-43 @ 24" O.C. = 16'-8" 6005162-33 @ 16" O.C. = 26'-0" 6005162-33 @ 24" O.C. = 22'-9" 6005162-43 @ 16" O.C. = 28'-4" 6005162-43 @ 24" O.C. = 24'-9"
3. GYPSUM BOARD ASSEMBLIES:	A. ALL GYPSUM BOARD TO BE 5/8" TYPE "X" UNLESS, UNLESS OTHERWISE INDICATED.
B.	PROVIDE MOISTURE RESISTANT TYPE "X" GYPSUM BOARD AT ALL WET LOCATIONS (RESTROOMS, WET WALLS, AND JANITORS SINK AREAS).
C.	EXPANSION/CONTROL JOINTS: INSTALL EXPANSION/CONTROL JOINTS IN CEILINGS EXCEEDING 2500 SQ. FT. IN AREA AND IN PARTITION WALL LENGTHS EXCEEDING 30 FEET. DO NOT EXCEED A DISTANCE OF 50 FEET IN ANY DIRECTION BETWEEN CEILING JOINTS. INSTALL CONTROL JOINTS WHERE FRAMING OR FURRING CHANGES DIRECTION.
D.	PROVIDE "J" MOLDING, REGLETS, OR CORNER BEAD AT GYPSUM BOARD PERIMETER CONDITIONS TRANSITIONING TO DISSIMILAR EXPOSED FINISH MATERIALS.
E.	EXISTING GYPSUM BOARD TO REMAIN TO BE PATCHED AND REPAIRED TO MATCH EXISTING AND SURFACE PREPARED TO RECEIVE NEW FINISHES INDICATED IN FINISH SCHEDULE.
4. BUILDING INSULATION:	SPECIAL NOTE: CONTRACTOR TO FIELD VERIFY EXISTING ROOF AND WALL INSULATION R-VALUES AND SUBMIT FINDINGS TO ARCHITECT PRIOR TO START OF CONSTRUCTION.
A.	REFER TO CODE SUMMARY DRAWING FOR ENERGY CODE AND COMPLIANCE REQUIREMENTS. UNLESS OTHERWISE INDICATED, CONTRACTOR TO PROVIDE THE FOLLOWING MINIMUM INSULATION AND VAPOR BARRIER PERFORMANCE SYSTEMS BASED UPON PROJECT CONSTRUCTION ASSEMBLY CONDITIONS (2018 IECC, CLIMATE ZONE 5 - PRESCRIPTIVE METHOD):
1. ROOFS:	(A) PEMB INSULATION BELOW ROOF DECK: EXISTING. (B) PEMB METAL BUILDINGS: R-19 + R-11 LINER SYSTEM: EXISTING.
2. WALLS:	(A) MASS (CONCRETE, CONCRETE MASONRY UNITS, CLAY MASONRY UNITS) R-11.4 CONTINUOUS. (B) METAL BUILDINGS: R-13 + R-13 CONTINUOUS. (C) METAL FRAMED: R-13 + R7.5 CONTINUOUS.
B.	INSULATION SHALL HAVE A FLAME SPREAD RATING OF 0-25 AND A SMOKE DEVELOPMENT RATING OF 0-450.
C.	NO EXPOSED KRAFT FACE INSULATION IS ACCEPTABLE. CONTRACTOR TO ENCAPSULATE ALL EXISTING EXPOSED KRAFT FACE INSULATION WITH TYPE "X" GYPSUM BOARD SEALED ASSEMBLIES OR CLASS "A" FIRE RATED HEAVY DUTY RADIANT FOIL BARRIER.
D.	EXISTING DAMAGED OR DEFECTIVE INSULATION AND/OR VAPOR BARRIER TO BE REMOVED AND REPLACED AS REQUIRED. AFTER DEMOLITION HAS BEEN COMPLETED, IF EXISTING INSULATION AND/OR VAPOR BARRIER IS NOT PRESENT OR CONTINUOUS IN EXTERIOR ENVELOPE ASSEMBLIES, CONTRACTOR TO PROVIDE MATERIALS AND WORK REQUIRED TO COMPLY WITH ENERGY CODE.
5. ACOUSTICAL ASSEMBLIES:	A. PROVIDE ACOUSTICAL RATED ASSEMBLIES AT INTERIOR WALLS AND CEILINGS OF RESTROOMS, OFFICES, AND TENANT SEPARATIONS.
B.	PROVIDE 3 1/2" (R-11) UNFACED SOUND BATT INSULATION IN WALL FRAMING AND 6" (R-19) UNFACED SOUND BATT INSULATION IN CEILING FRAMING.
C.	PROVIDE SEALANT ON BOTH SIDES OF STUD BOTTOM TRACKS AND PERIMETER TRANSITIONS BETWEEN GYPSUM BOARD AND DISSIMILAR MATERIALS.
D.	DEVICE PENETRATIONS LOCATED ON OPPOSITE SIDES OF WALL TO BE HORIZONTALLY STAGGERED ON STUD FRAMING AND DEVICE ROUGH-IN BOXES FULLY SEALED.
6. FIRE RATED ASSEMBLIES:	A. PROVIDE FIRE STOPPING AND FIRE SEALANT MATERIALS AS REQUIRED AT ALL FIRE RATED ASSEMBLY TRANSITIONS, PENETRATIONS, AND PERIMETER CONDITIONS. RATING TO BE EQUAL TO RATED ASSEMBLY.



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FLOOR PLAN

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DRAWN BY: CM CHECKED BY: JS

DATE: 04/19/2021

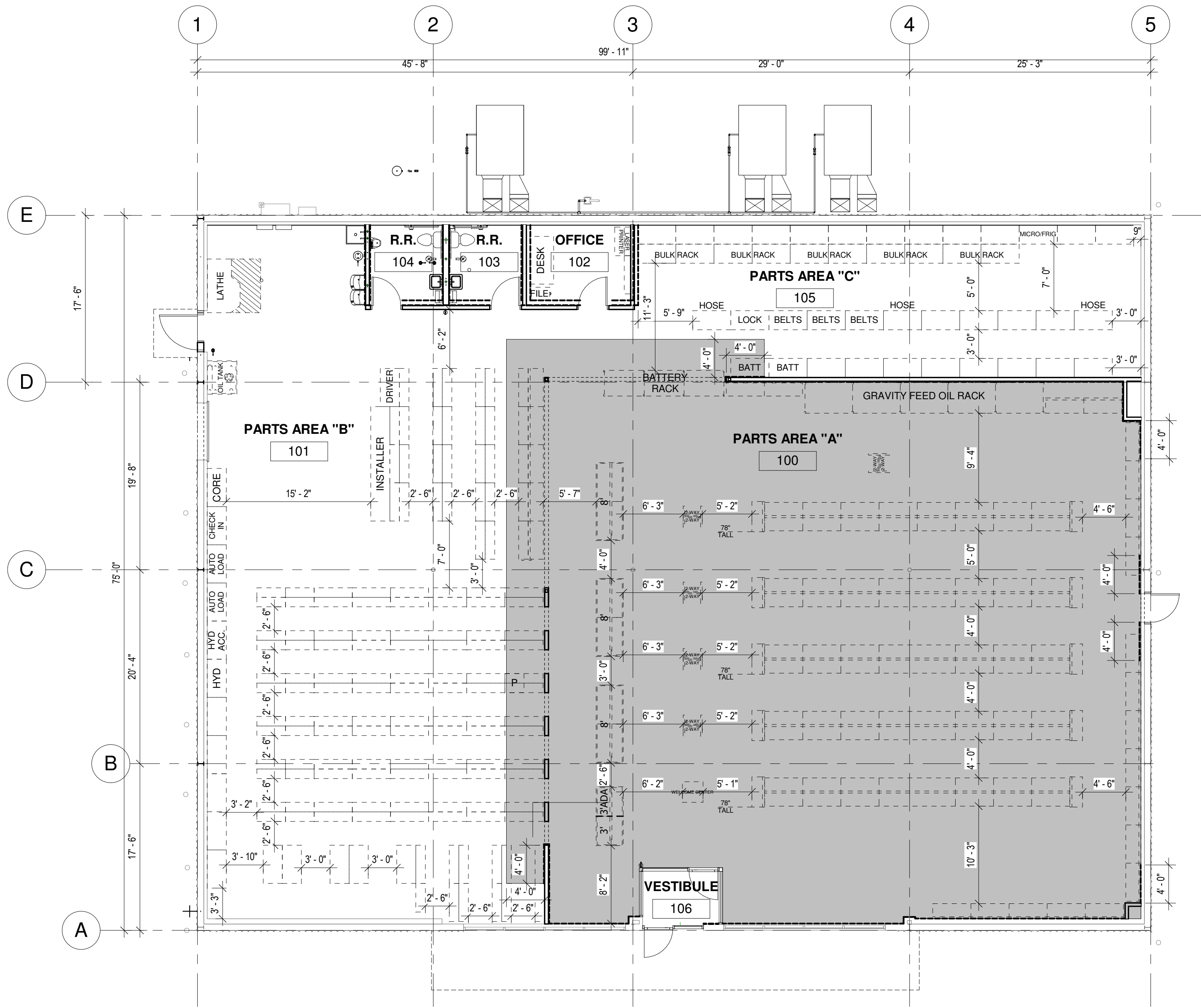
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1 FINISH PLAN
1/8" = 1'-0"

SYMBOLS LEGEND

- F-1 : POLISHED CONCRETE
- F-2 : LIQUID DENSIFIER TREATED CONCRETE
- B-1 : BASE

GENERAL NOTES

- A. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- B. FIXTURES AND EQUIPMENT SHOWN FOR REFERENCE ONLY AND ARE OWNER FURNISHED AND INSTALLED.
- C. DIMENSIONS TO ROUGH FACE OF ROUGH FRAMING OR FACE OF FIXTURE UNLESS OTHERWISE NOTED.
- D. PROVIDE SUSPENDED CEILING SEISMIC BRACING WHERE REQUIRED, REFER TO DETAIL 9/A4.2.
- E. ALL FINISH SUBSTITUTION REQUEST REQUIRE OWNER PRIOR APPROVAL.

INTERIOR FINISH TYPES

FLOORS

F-1:
TYPE: POLISHED CONCRETE FINISH
MFG: (REFER TO PROJECT MANUAL - SECTION 03 35 43)
COLOR: NATURAL CONCRETE, CLEAR

F-2:
TYPE: LIQUID DENSIFIER TREATED CONCRETE FINISH
MFG: (REFER TO PROJECT MANUAL - SECTION 03 30 00)
COLOR: NATURAL CONCRETE, CLEAR

BASE

B-1:
TYPE: RESILIENT BASE
MFG: EQUAL TO VPI
SIZE: 4" COVE
COLOR: JET, #01

WALLS

W-1 (ONLY WHERE INDICATED)
TYPE: PRE-ENGINEERED METAL BUILDING INTERIOR LINER PANEL
MFG: (REFER TO PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS)
SERIES: EQUAL TO BUTLER BUILDING "MOD 36" (28 GA.)
COLOR: PREFINISHED EQUAL TO BUTLER BUILDING "WHITE" OR "LIGHT STONE"

W-2:

TYPE: PAINT
MFG: SHERWIN WILLIAMS
SERIES: SEMI GLOSS LATEX
COLOR: SW6126 "NAVAJO WHITE"

W-3:

TYPE: PAINT
MFG: SHERWIN WILLIAMS
SERIES: SEMI GLOSS LATEX
COLOR: SW6468 "HUNT CLUB"

W-4:

TYPE: SANITARY WALL AND CEILING PANEL SYSTEM
MFG: (REFER PROJECT MANUAL)
COLOR: WHITE

W-5:

TYPE: PAINT
MFG: SHERWIN WILLIAMS
SERIES: FLAT LATEX
COLOR: SW6258 "TRICORN BLACK"

CEILINGS

C-1:
TYPE: ACOUSTICAL TILE CEILING
SIZE: 24" X 48" X 5/8", SQUARE EDGE
MFG: ARMASTRONG SPECIFIED
SERIES: 1728 "FINE FISSURED"
COLOR: WHITE
GRID SERIES: "PRELUDE" 15/16" EXPOSED TEE SYSTEM
GRID COLOR: WHITE

C-2:

TYPE: EXPOSED INSULATION VAPOR BARRIER (WHITE) AND EXPOSED STEEL FRAMING SYSTEM (FACTORY PRIMED)

C-3:

TYPE: PAINT
MFG: SHERWIN WILLIAMS
SERIES: SEMI GLOSS LATEX
COLOR: SW6126 "NAVAJO WHITE"

DOORS AND FRAMES

D-1 (INTERIOR WOOD DOORS):
TYPE: STAIN
SPECIES: CUSTOM GRADE ROTARY SLICED NATURAL BIRCH
FINISH: FACTORY FINISHED
COLOR: EQUAL TO "GRAHAM" #300, MEDIUM BROWN

D-2 (INTERIOR HOLLOW METAL FRAMES)

TYPE: PAINT
MFG: SHERWIN WILLIAMS
SERIES: SEMI GLOSS ENAMEL
COLOR: SW6468 "HUNT CLUB"

D-3 (EXTERIOR DOORS & FRAMES):

TYPE: PAINT
FINISH: REFER TO EXTERIOR FINISH SCHEDULE
COLOR: REFER TO EXTERIOR FINISH SCHEDULE

INTERIOR FINISH SCHEDULE

NO.	ROOM/SPACE	FLOORING		WALLS				CEILING		DOORS		NOTES
		TYPE	BASE	NORTH	EAST	SOUTH	WEST	TYPE	HEIGHT	DOOR	FRAME	
100	PARTS AREA "A"	F-1	B-1	W-2.3	W-2.3	W-2.3	W-2.3	C-1		D-3	D-3	2,4,6
101	PARTS AREA "B"	F-2	N/A	W-2.3	W-2	W-2	W-2	C-2	VARIES	-	-	1,2,3,5
102	OFFICE	F-2	B-1	W-2	W-2	W-2	W-2	C-3	8'-0"	D-1	D-2	-
103	R.R.	F-2	B-1	W-4	W-4	W-4	W-4	C-3	8'-0"	D-1	D-2	-
104	R.R.	F-2	B-1	W-4	W-4	W-4	W-4	C-3	8'-0"	D-1	D-2	-
105	PARTS AREA "C"	F-2	N/A	W-2.3	W-2	W-2	W-2	C-2	VARIES	D-3	D-3	1,2,5
106	VESTIBULE	F-1	B-1	N/A	N/A	N/A	N/A		8'-6"			2

INTERIOR FINISH SCHEDULE NOTES:

1. PAINT EXTERIOR OF (102) OFFICE, (103) RESTROOM, AND (104) RESTROOM WITH W-3 AND PROVIDE BASE B-1. WHERE MULTIPLE WALL FINISH TYPES INDICATED IN SCHEDULE RELATES TO VARIOUS WALL FINISH TYPES BY ROOM OR SPACE PLAN ORIENTATION ONLY AND IS NOT INTENDED AS WAINSCOT PATTERNING OF FINISHES ON A SINGLE WALL PLANE.

2. LOCATION OF BASE GRAPHICALLY INDICATED ON DRAWING, REFER SYMBOLS LEGEND.

3. PROVIDE PIECES OF 2' LENGTH BASE FOR INSTALLATION AT ENDS OF PARTS AREA "B" FIXTURES FACING PARTS AREA "A".

4. REFER TO ELECTRICAL DRAWINGS FOR GRID LAYOUT.

5. (WHERE OCCURS) PAINT INTERIOR ISOLATED EXPOSED STRUCTURAL STEEL COLUMNS TO MATCH W-3. (UNLESS OTHERWISE INDICATED) EXPOSED EXTERIOR PERIMETER STRUCTURAL STEEL COLUMNS TO BE FACTORY PRIMED ONLY.

6. REFER TO 14/A4.1 FOR PARTS AREA "A" TYPICAL PAINT SCHEME LAYOUT AND FINISH TYPE LOCATIONS. FOR ROOM INTERIOR PERIMETER WALLS.



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PROJECT:
REMODEL O'REILLY AUTO PARTS STORE
1101 N. ILLINOIS ST
HARRISBURG, ARKANSAS

INTERIOR FINISH PLAN

O'Reilly
CORPORATE OFFICES:
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI
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DATE:
04/19/2021

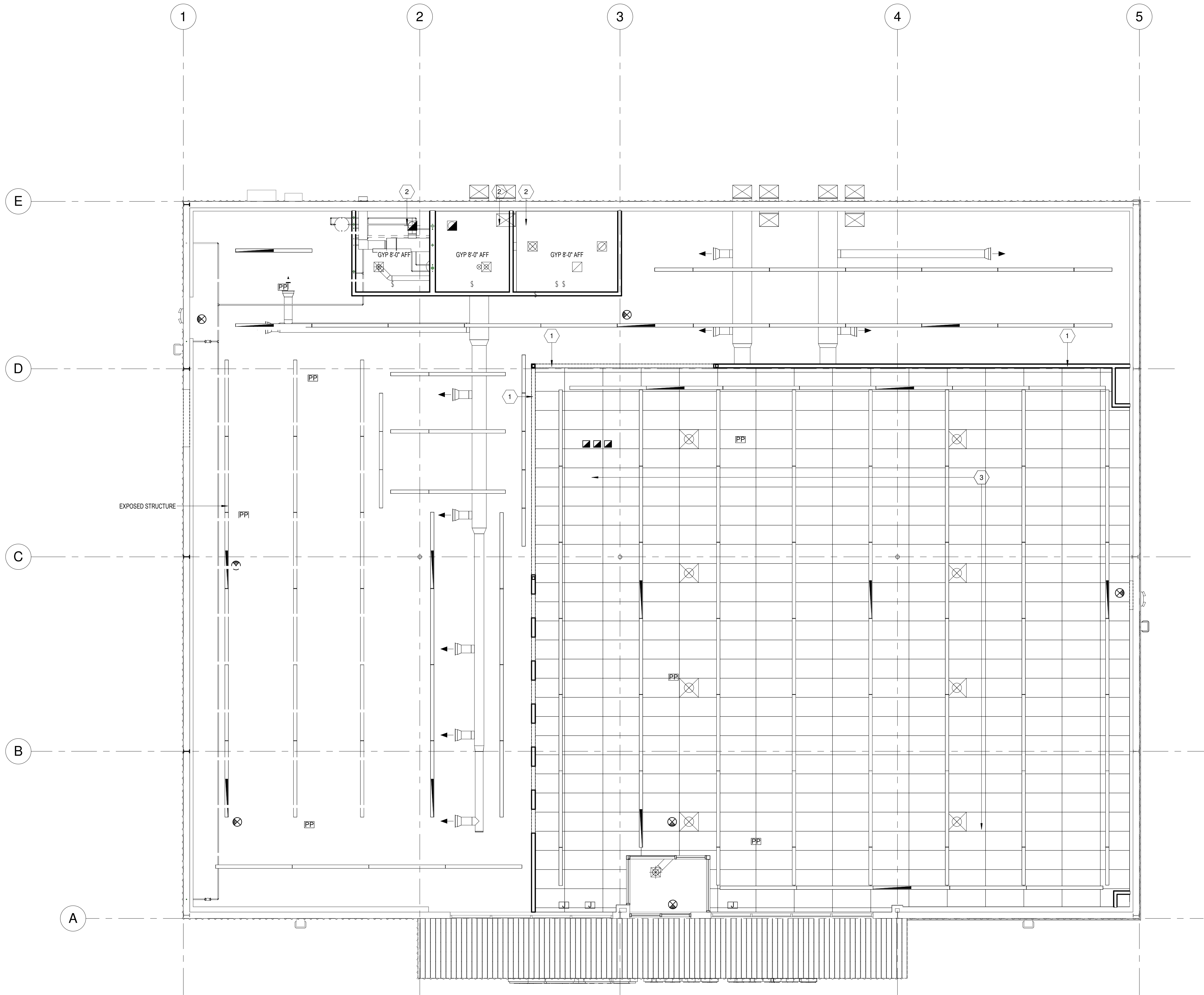
REVISION:
PROJECT NUMBER:
2021.0102

SHEET NUMBER:
A1.2

DRAWN BY:
CM

CHECKED BY:
JS

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GENERAL NOTES

- A. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- B. MECHANICAL REGISTERS ARE SHOWN ON THIS DRAWING FOR THE ARCHITECTURAL LOCATIONS ONLY. SEE THE MECHANICAL DRAWINGS FOR TYPES, SIZES, DISTRIBUTION, CONNECTIONS, AND ALL OTHER REQUIREMENTS.
- C. LIGHTING FIXTURES ARE SHOWN ON THIS DRAWING FOR THE ARCHITECTURAL LOCATIONS, QUANTITIES, AND GENERAL FIXTURE TYPE ONLY. SEE ELECTRICAL DRAWINGS FOR EXACT FIXTURE TYPE AND CIRCUITING.
- D. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE VARIOUS TRADE ITEMS WITHIN THE SPACE ABOVE ALL CEILINGS (INCLUDING, BUT NOT LIMITED TO: STRUCTURAL MEMBERS, MECHANICAL DUCTS AND INSULATION, CONDUITS, RACEWAYS, SPRINKLER SYSTEM, LIGHT FIXTURES, CEILING SYSTEMS, AND ANY SPECIAL STRUCTURAL SUPPORTS REQUIRED) AND SHALL BE RESPONSIBLE FOR MAINTAINING THE FINISH CEILING HEIGHT ABOVE THE FINISH FLOOR INDICATED ON THE DRAWING.
- E. PROVIDE SUSPENDED CEILING SEISMIC BRACING (WHERE REQUIRED), REFER TO DETAIL 9/A4.2.
- F. REFER TO FINISH SCHEDULES FOR CEILING TYPES.

SYMBOLS LEGEND

- LED LIGHT FIXTURE
- SUPPLY GRILL
- RETURN GRILL
- EXIT LIGHT. SHADED SIDE INDICATES FACE OF EXIT SIGN. ARROW INDICATES TRAVEL DIRECTION(S).
- EMERGENCY LIGHTING W/BATTERY BACKUP

KEYNOTES

1	SOFFIT: 362S162-33 COLD FORM METAL STUD FRAMING WITH 5/8" TYPE "X" GYPSUM BOARD. REFER TO DETAIL 6/A4.2.
2	GYPSUM CEILING: 60S162-54 COLD FORM METAL, FRAMING AT 24" O.C. WITH 5/8" TYPE "X" GYPSUM BOARD. REFERENCE DETAIL 7/A4.2.
3	ACOUSTICAL TILE CEILING: 1729 FINE FISSURED SERIES, REFER TO A1.2 INTERIOR FINISH SCHEDULE



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PROJECT:
REMODEL O'REILLY AUTO PARTS STORE
1101 N. ILLINOIS ST
HARRISBURG, ARKANSAS

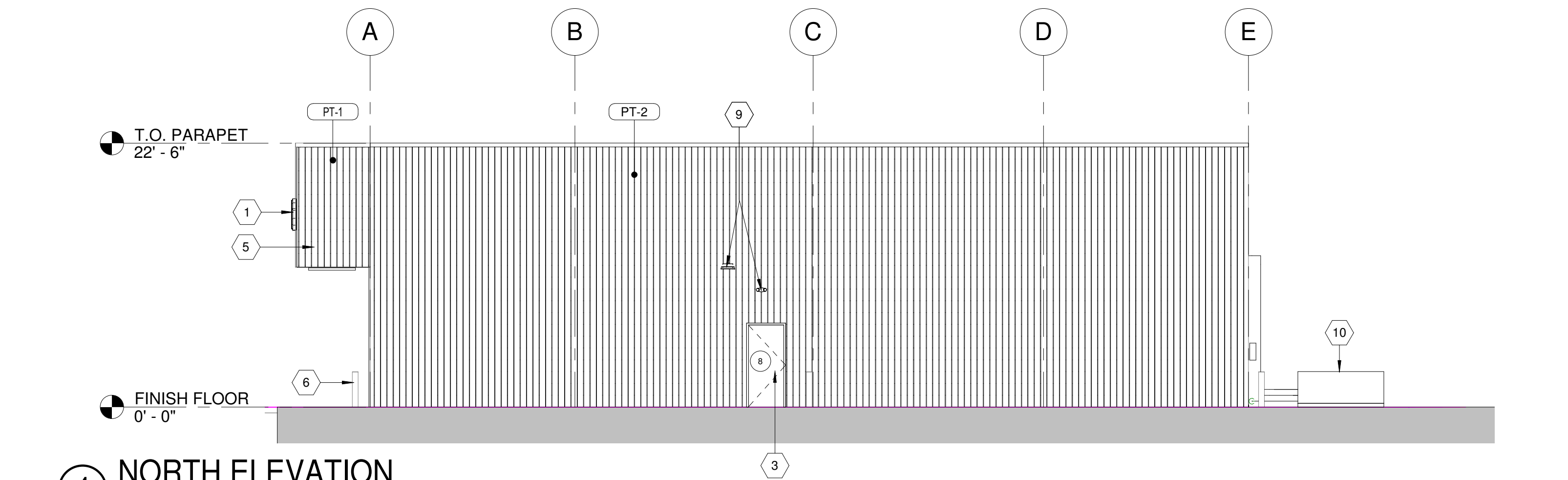
REFLECTED CEILING PLAN

O'Reilly AUTO PARTS

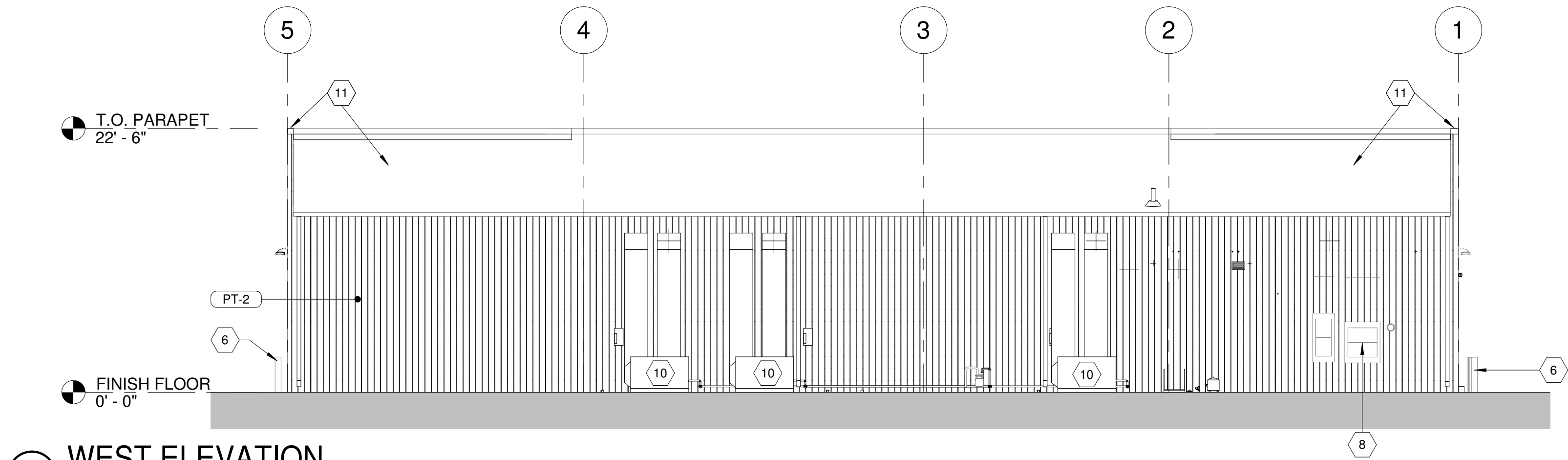
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DATE: 04/19/2021
REVISION:
PROJECT NUMBER: 2021.0102
SHEET NUMBER:

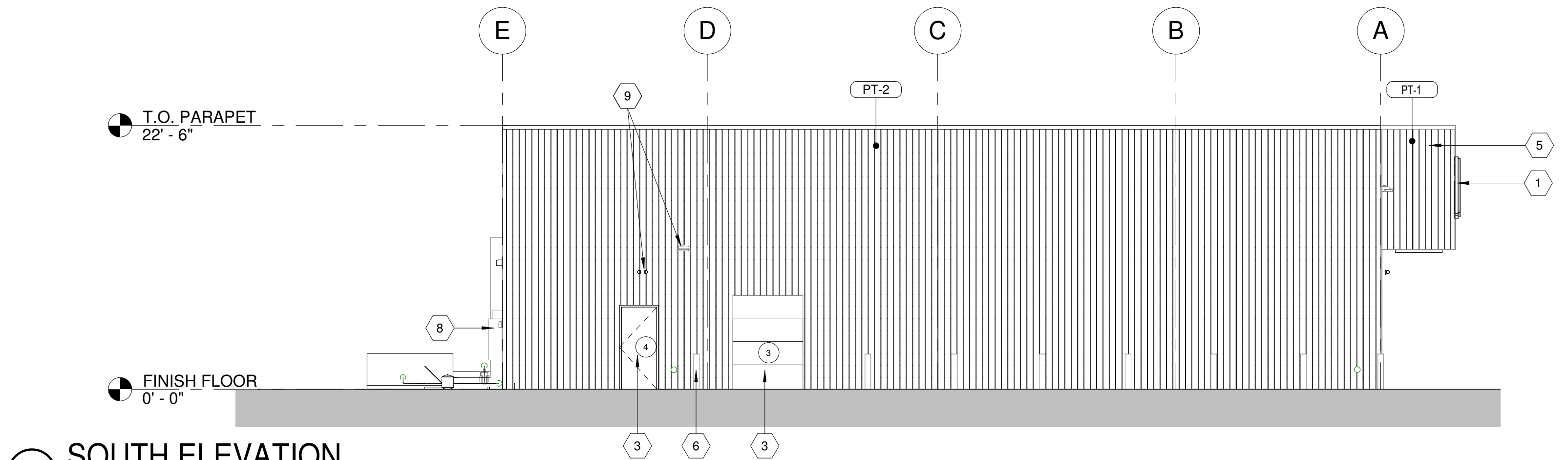
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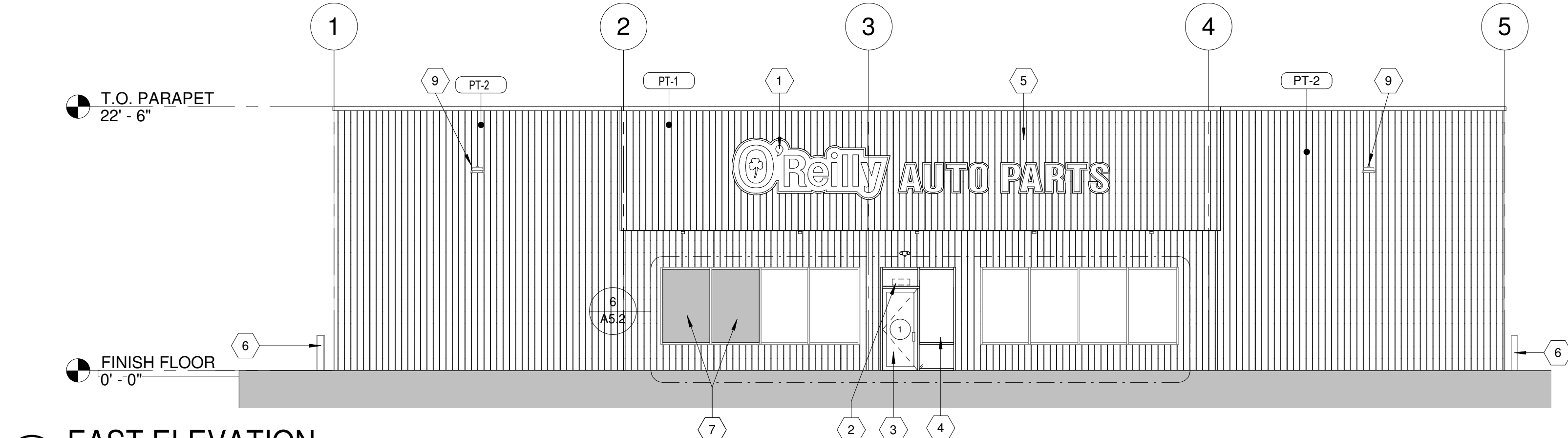
4 NORTH ELEVATION
1/8" = 1'-0"



3 WEST ELEVATION
1/8" = 1'-0"



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



1 EAST ELEVATION
1/8" = 1'-0"

KEYNOTES	
1	SURFACE MOUNTED SIGN OWNER FURNISHED AND INSTALLED. PROVIDE BACKING FOR MOUNTING AND ROUGH-IN ELECTRICAL. COORDINATE REQUIREMENTS WITH OWNER. REFER TO SHEET S02.1.
2	BUILDING ADDRESS NUMBERS IN 6" HIGH HELVETICA WHITE VINYL ADHERED TO EXTERIOR FACE OF GLAZING.
3	NEW DOOR & FRAME SYSTEM. REFER TO FLOOR PLAN AND DOOR SCHEDULE FOR TYPES. REFER TO STRUCTURAL DRAWINGS.
4	NEW STOREFRONT SYSTEM. REFER TO SHEET A5.2.
5	EXISTING METAL CANOPY TO REMAIN. CLEAN AND PREP FOR PAINT.
6	EXISTING BOLLARDS TO REMAIN. PREP & PAINT SHERWIN WILLIAMS "HUNT CLUB" SW6488 (SEMI-GLOSS).
7	EXISTING STOREFRONT SYSTEM TO RECEIVE 3M NIGHT VISION 15 WINDOW TINT ON THE INSIDE FACE OF GLAZING. APPLY 3M FASARA MILANO ATOP 3M NIGHT VISION 15.
8	ELECTRICAL EQUIPMENT. REF ELECTRICAL DRAWINGS.
9	NEW LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS.
10	MECHANICAL UNIT. REFER TO MECHANICAL DRAWINGS.
11	NEW MEMBRANE ROOFING & PARAPET CAPS. SEE A6.0.

GENERAL NOTES	
A.	REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
B.	REFER TO SCOPE OF WORK SCHEDULE FOR ADDITIONAL REQUIREMENTS.
C.	REFER TO EXTERIOR FINISH SCHEDULE FOR MATERIAL TYPES
D.	REFER TO PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS FOR SYSTEM TYPES AND ADDITIONAL REQUIREMENTS.
E.	EXISTING CONDITIONS BASED UPON OBSERVATIONS. FIELD VERIFY EXISTING CONDITIONS BY DETAILED INSPECTION PRIOR TO SUBMITTING BID AND BEGINNING CONSTRUCTION. NOTIFY ARCHITECT IF EXISTING CONDITIONS DEVIATE SUBSTANTIALLY FROM THOSE INDICATED HEREIN.
F.	EXISTING CONSTRUCTION TO BE REWORKED AS REQUIRED FOR INSTALLATION OF NEW CONSTRUCTION. FIELD VERIFY SCOPE OF WORK REQUIRED.
G.	EXISTING CONSTRUCTION TO REMAIN TO BE PROTECTED AS REQUIRED. REMOVE & REPLACE DAMAGED CONSTRUCTION DUE TO CONTRACTOR'S ACTIVITIES.
H.	IF THIS PROJECT CONTAINS HAZARDOUS MATERIALS, CONTRACTOR TO PROVIDE WORK REQUIRED FOR PROPER REMOVAL, HANDLING, & DISPOSAL PER ENVIRONMENTAL ANALYSIS RECOMMENDATIONS.

EXTERIOR FINISH SCHEDULE			
SYMBOL:	TYPE:	COMPANY:	COLOR:
	EXT. H.M. DOORS/FRAME	G.C.	MATCH ADJACENT WALL
	EXT. O.H. DOORS	G.C.	MATCH ADJACENT WALL
	GUTTERS/ DOWNSPOUTS	G.C.	MATCH ADJACENT WALL
	HANDRAILS/ GAUDDRAILS	G.C.	FIELD PRIME & PAINT "HUNT CLUB" SW6468 (SEMI-GLOSS)
PT-1	METAL	G.C.	PREP & PAINT "POSITIVE RED" SW6871 (SEMI-GLOSS)
PT-2	METAL	G.C.	PREP & PAINT "SOFTER TAN" SW6141 (SEMI-GLOSS)



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PROJECT:
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HARRISBURG, ARKANSAS

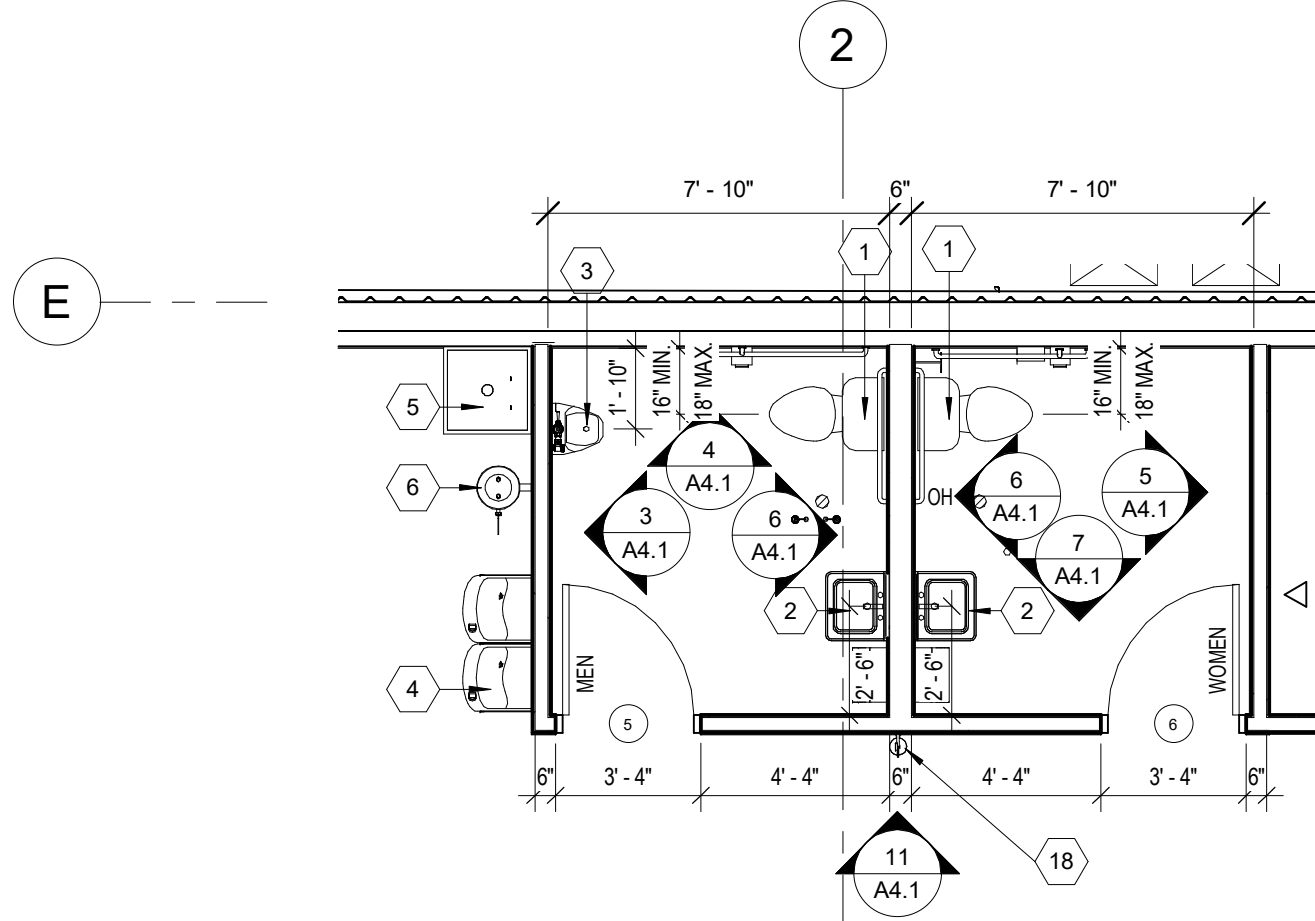
EXTERIOR ELEVATIONS

O'Reilly
AUTO PARTS

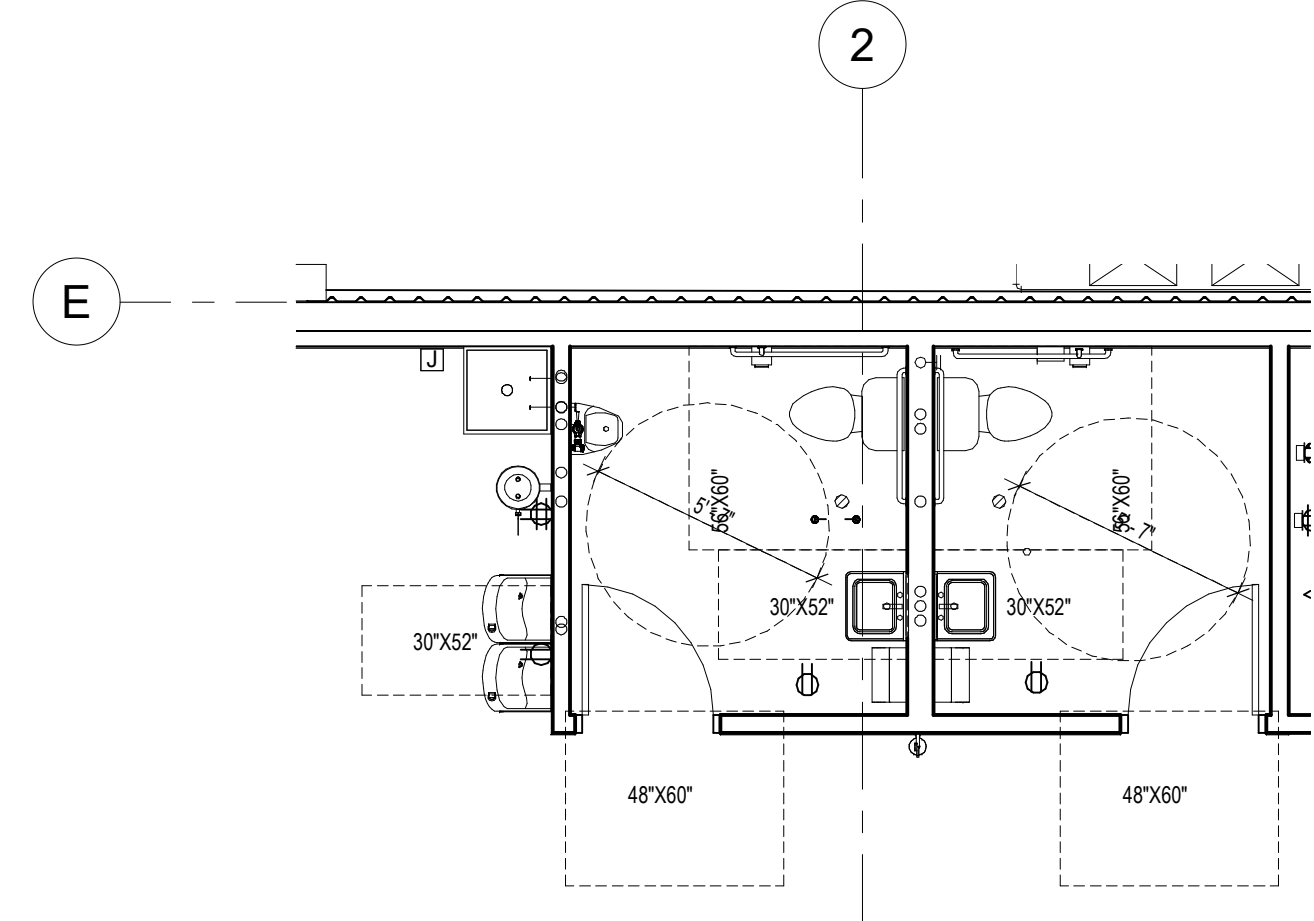
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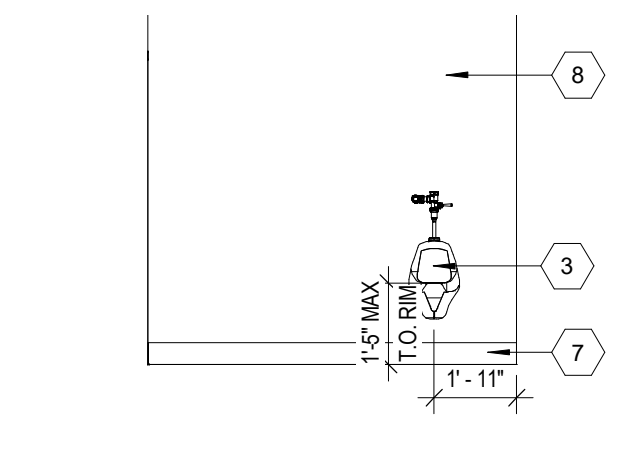
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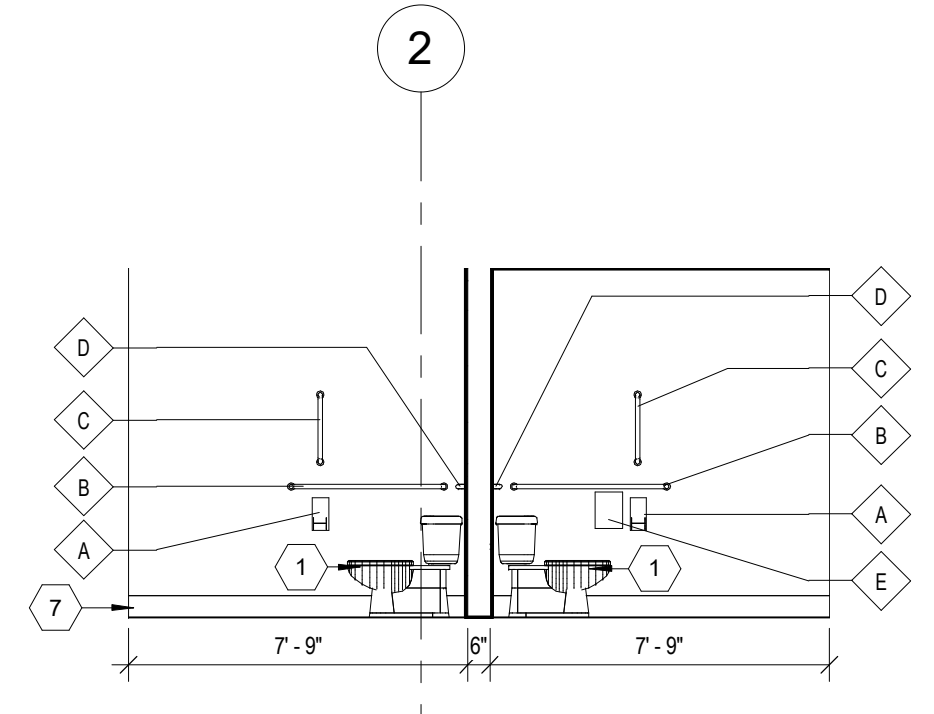
1 ENLARGED RESTROOM PLAN
1/4" = 1'-0"



2 ACCESSIBILITY CLEARANCE DIAGRAM
1/4" = 1'-0"



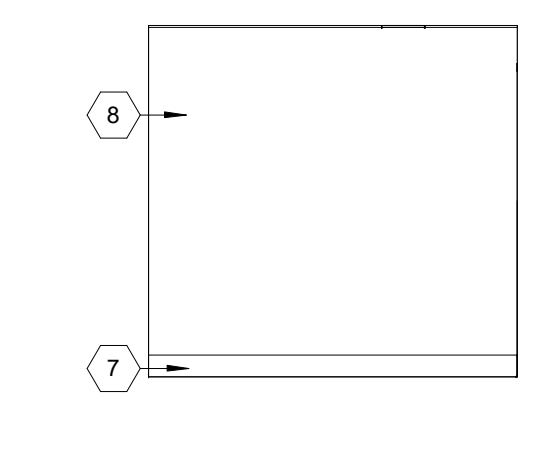
3 RR ELEVATION
1/4" = 1'-0"



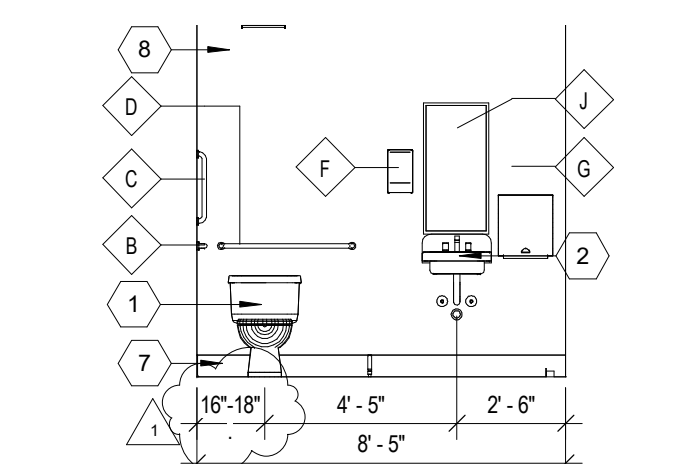
4 RR ELEVATION
1/4" = 1'-0"

- GENERAL NOTES**
- A. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
 - B. LAYOUT DIMENSIONS OF PLUMBING FIXTURES AND ACCESSORIES TO FACE OF GYPSUM BOARDS OR CENTER LINE OF FIXTURE. LAYOUT DIMENSIONS OF WALLS AND CEILINGS TO ROUGH FACE OF FRAMING, MASONRY, OR CENTER LINE OF STRUCTURE. ALL GYPSUM BOARD 5/8" THICK UNLESS OTHERWISE INDICATED AND DIMENSIONS NOT SHOWN FOR CLARITY.
 - C. REFER TO PLUMBING DRAWINGS FOR FIXTURE TYPES AND ADDITIONAL REQUIREMENTS. PROVIDE ADDITIONAL REQUIREMENTS. PROVIDED ADDITIONAL COLD METAL FRAMING OR FIRE TREATED BLOCKING AS REQUIRED FOR PROPER SUPPORT.
 - D. REFER TO INTERIOR FINISH SCHEDULES FOR MATERIAL FINISH TYPES AND LOCATIONS.
 - E. ALL EXPOSED PIPING BELOW SINKS TO BE COVERED WITH INSULATION.

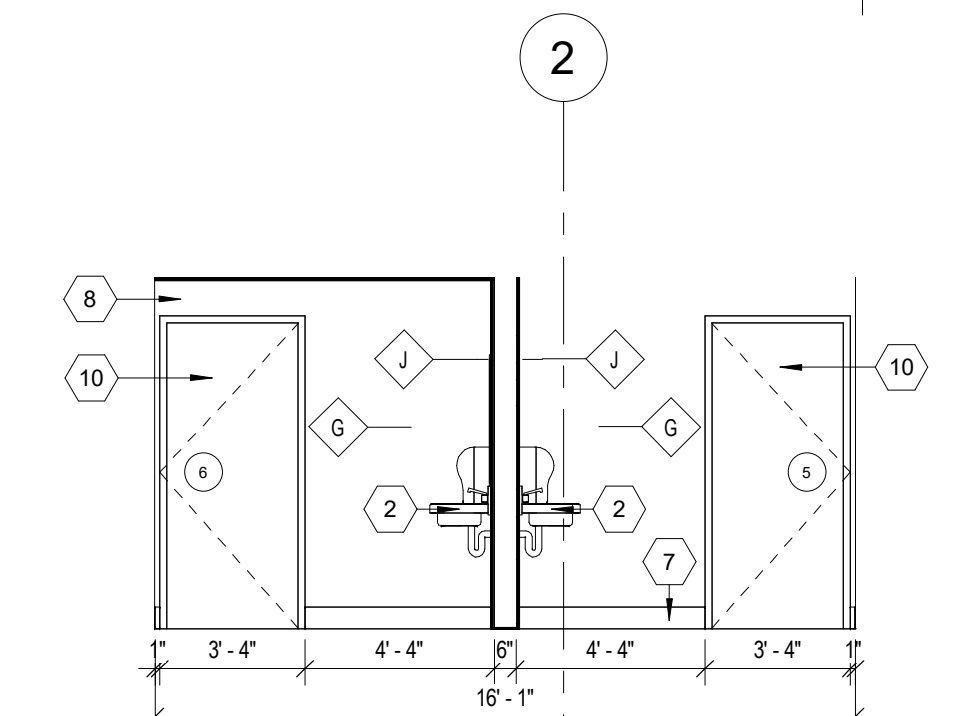
- KEYNOTES**
- 1 WATER CLOSET. ACCESSIBLE FIXTURE HEIGHT TO TOP OF SEAT TO BE 16" MINIMUM AND 18" MAXIMUM A.F.F. ACCESSIBLE FIXTURE FLUSH CONTROLS TO BE ON WIDE SIDE OF TOILET.
 - 2 WALL HUNG LAVATORY.
 - 3 WALL HUNG URINAL. MOUNT RIM 1'-5" MAXIMUM ABOVE FINISH FLOOR.
 - 4 HIGH / LOW DRINKING FOUNTAIN. REFER TO DETAIL 15/A4.1.
 - 5 FLOOR MOUNTED JANITOR SINK.
 - 6 EYE WASH STATION. INSTALL WITH TOP AT 45" (MAX.) ABOVE FINISH FLOOR.
 - 7 BASE. REFER TO FINISH SCHEDULE.
 - 8 SANITARY WALL PANEL SYSTEM. REFER TO FINISH SCHEDULE. PROVIDE TRIM AND EDGE MOLDING AROUND PERIMETER. ATTACH TO SUBSTRATE AS REQUIRED.
 - 9 PAINT. REFER TO FINISH SCHEDULE.
 - 10 DOOR. REFER TO DOOR AND FINISH SCHEDULES.
 - 11 WOOD TRIM. PAINT.
 - 12 WALL CONSTRUCTION. REFER TO FLOOR PLAN FOR TYPES.
 - 13 FIRE TREATED 2X WOOD BLOCKING.
 - 14 WALL OPENING TO BEYOND. REFER TO FLOOR PLAN.
 - 15 OWNER FURNISHED AND INSTALLED FURNISHING, SHELVING, OR FIXTURE. FOR REFERENCE ONLY (N.I.C.).
 - 16 OWNER FURNISHED AND INSTALLED ACCESSIBLE CUSTOMER SERVICE COUNTER TO COMPLY WITH ACCESSIBILITY REQUIREMENTS. FOR REFERENCE ONLY (N.I.C.).
 - 17 WATER HEATER AND SUPPORT PLATFORM. REFER TO PLUMBING DRAWINGS. PROVIDE FIRE TREATED BLOCKING OR ADDITIONAL COLD FORM FRAMING AS REQUIRED FOR INSTALLATION.
 - 18 SURFACE MOUNTED PORTABLE FIRE EXTINGUISHER. REFER TO DETAIL 3/A4.2.
 - 19 PAINT UNDERSIDE OF PARTS AREA "X" HEADERS AND ALL ASSOCIATED COLUMNS W-3.



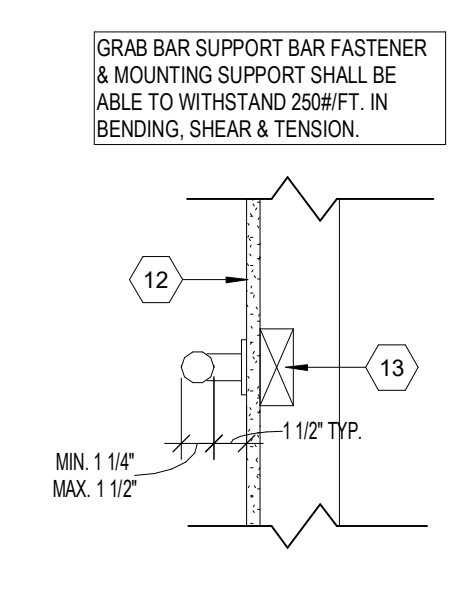
5 RR ELEVATION
1/4" = 1'-0"



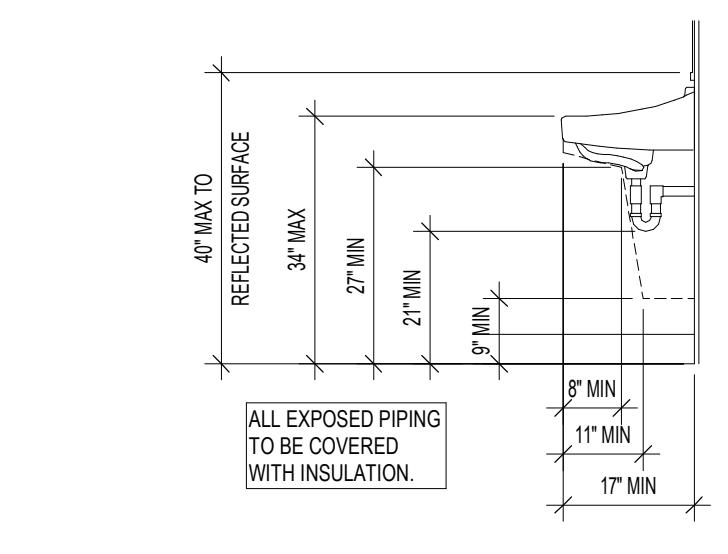
6 RR ELEVATION
1/4" = 1'-0"



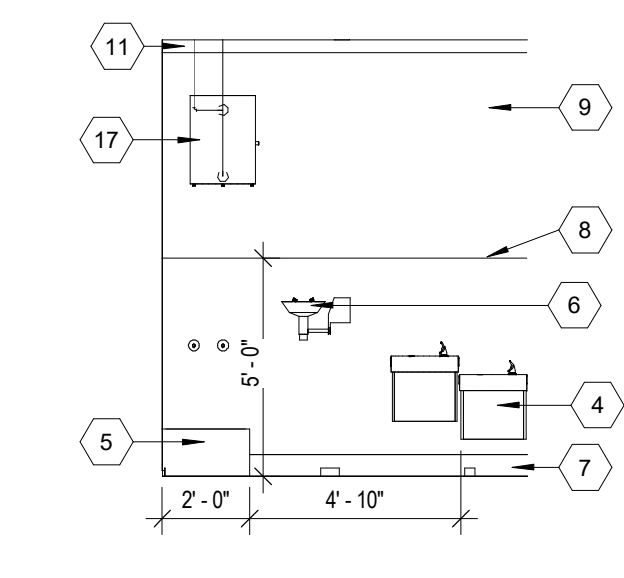
7 RR ELEVATION
1/4" = 1'-0"



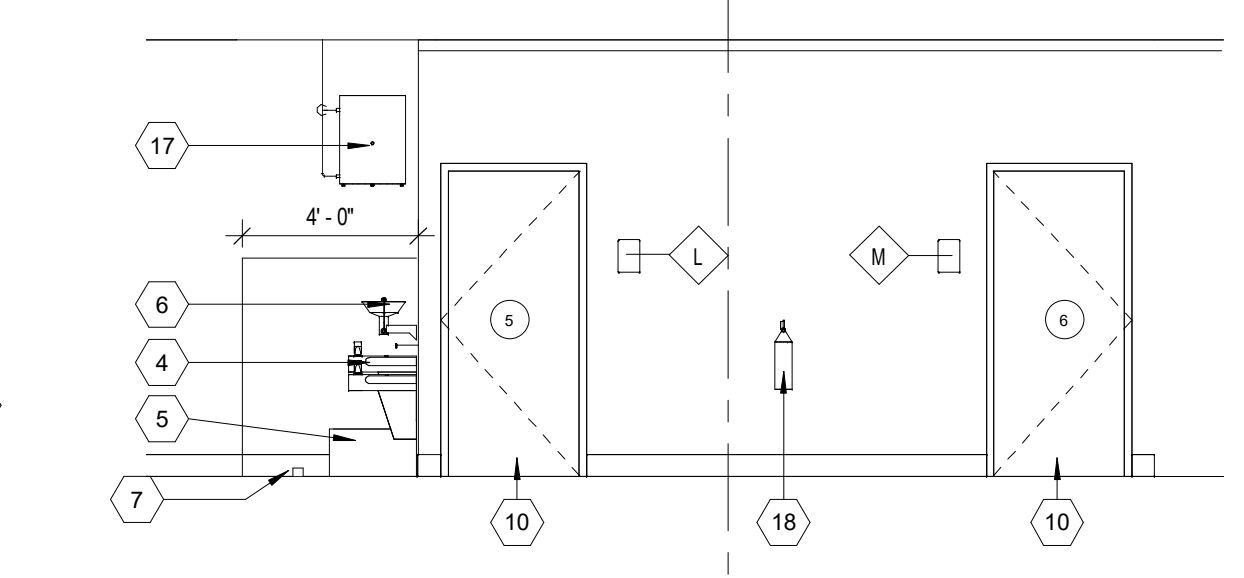
8 GRAB BAR DETAIL
1 1/2" = 1'-0"



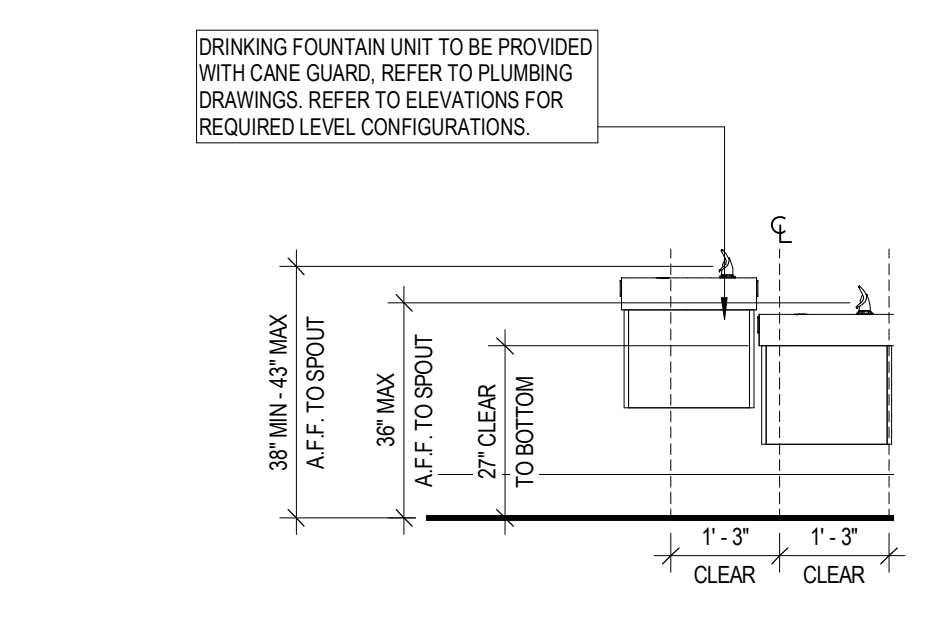
9 LAVATORY CLEARANCES
1/2" = 1'-0"



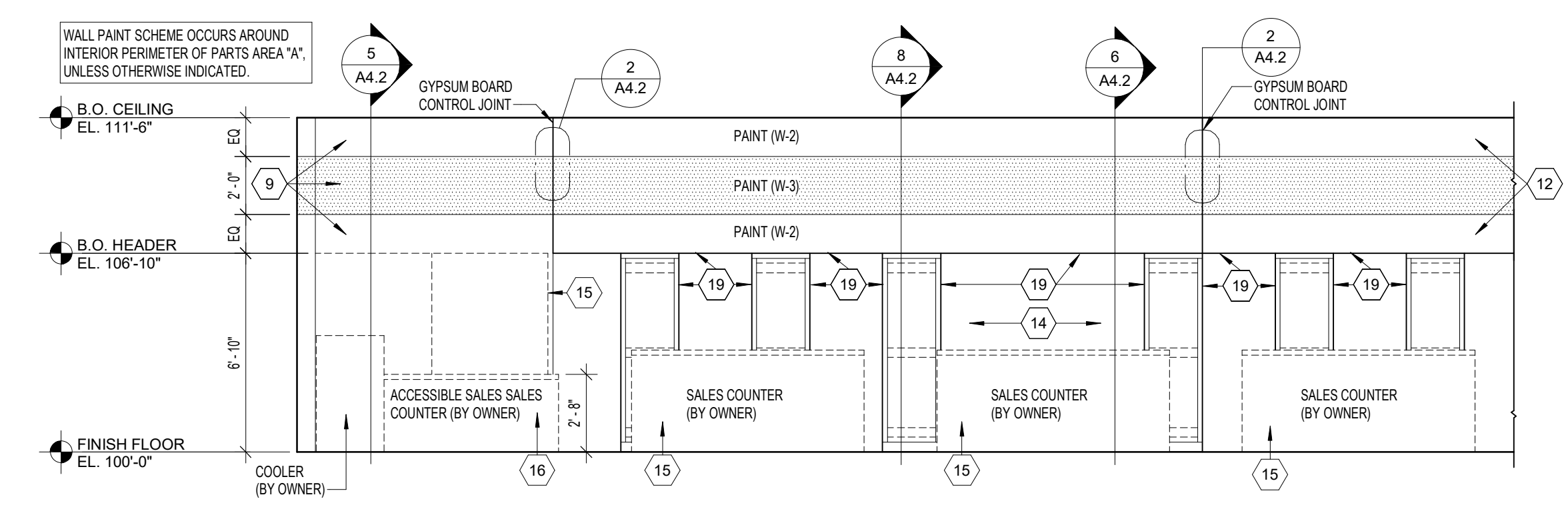
10 RR ELEVATION
1/4" = 1'-0"



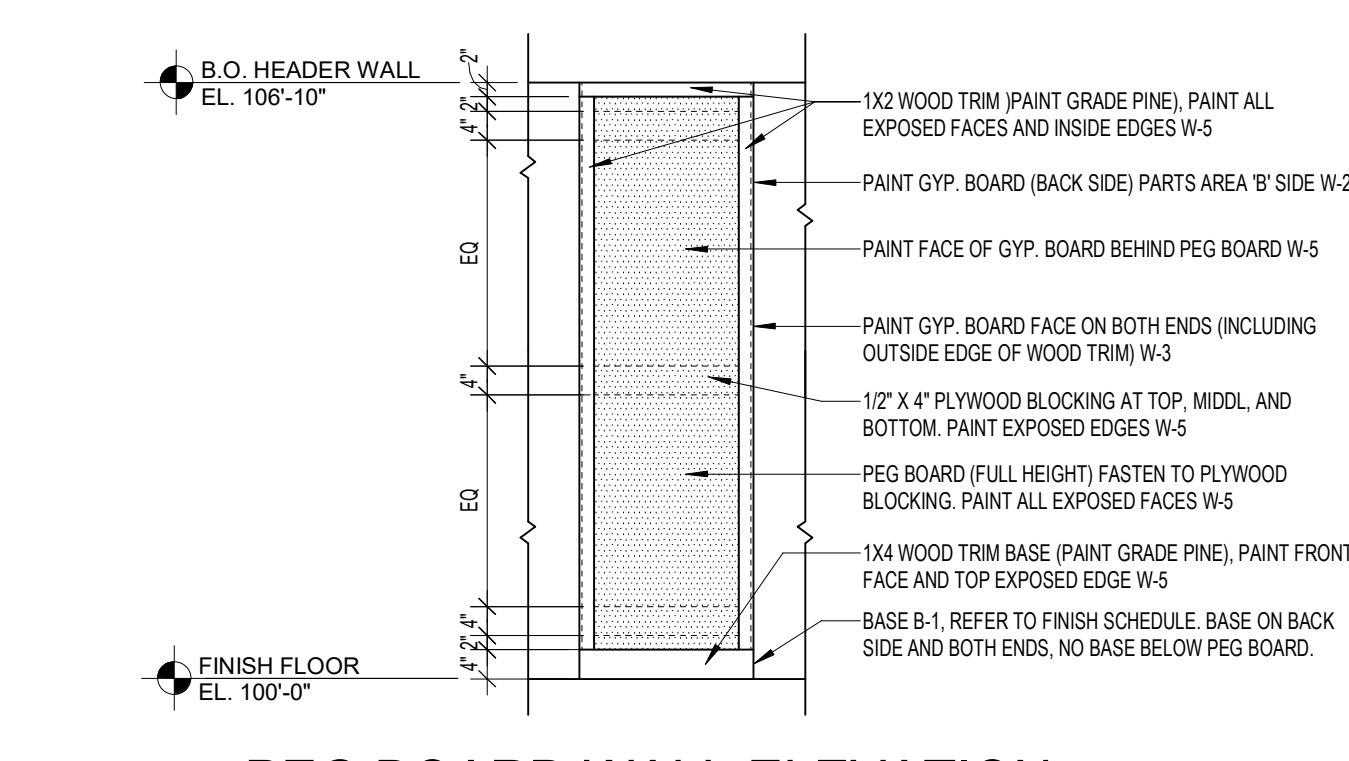
11 RR ELEVATION
1/4" = 1'-0"



12 DRINKING FOUNTAIN CLEARANCES
1/2" = 1'-0"



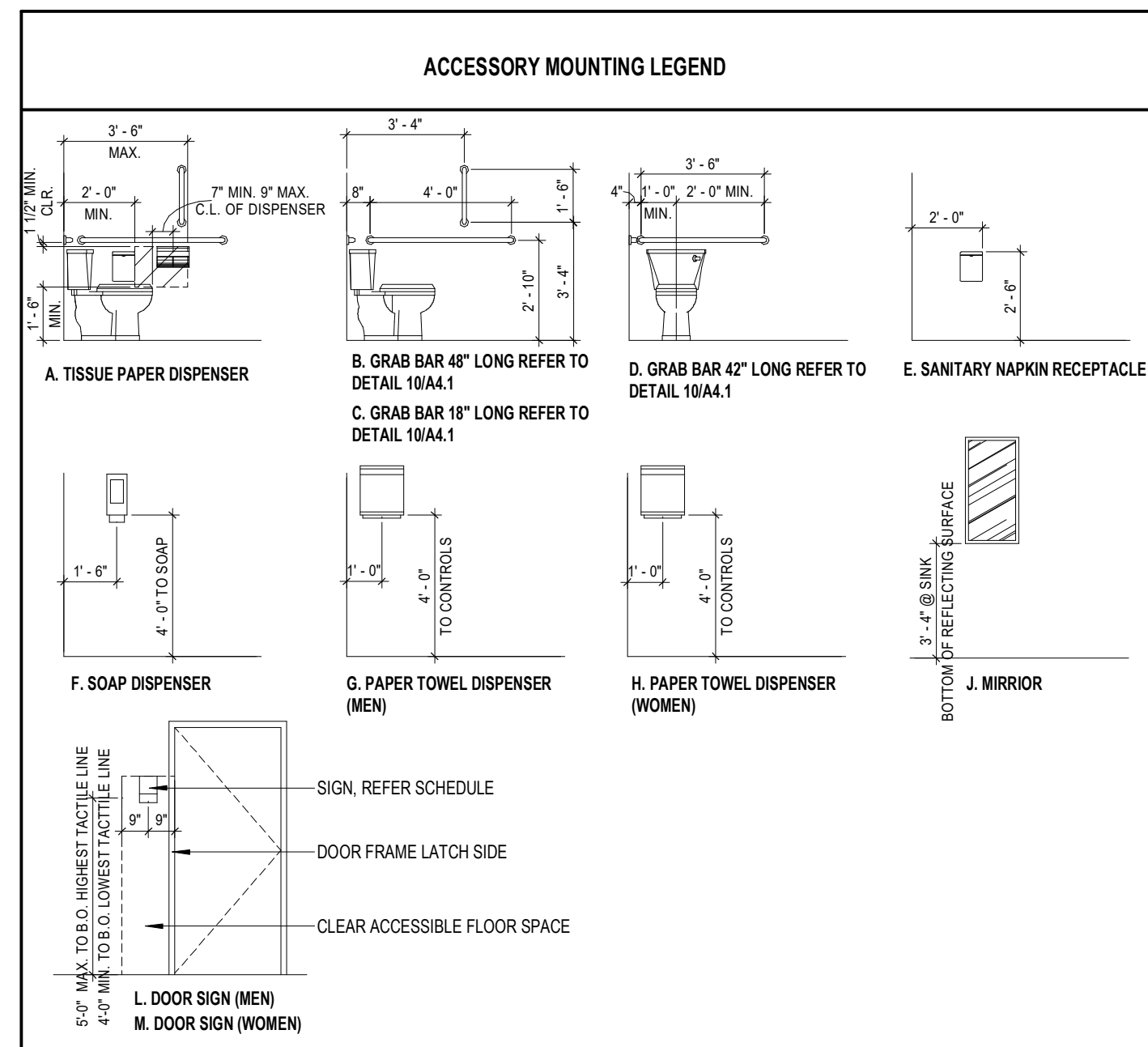
13 INTERIOR ELEVATION
1/4" = 1'-0"



14 PEG BOARD WALL ELEVATION
1/2" = 1'-0"

ACCESSORY SCHEDULE				
MARK	DESCRIPTION	MANUFACTURER	MODEL	NOTES
A	TOILET PAPER	GEORGIA PACIFIC	56783A	REFER PLANS, ELEVATIONS, LEGEND
B	GRAB BAR	BOBRICK	B6806 X 48"	REFER PLANS, ELEVATIONS, LEGEND
C	GRAB BAR	BOBRICK	B6806 X 18"	REFER PLANS, ELEVATIONS, LEGEND
D	GRAB BAR	BOBRICK	B6806 X 42"	REFER PLANS, ELEVATIONS, LEGEND
E	SANITARY NAPKIN RECEPTACLE	BOBRICK	B-270	REFER PLANS, ELEVATIONS, LEGEND
F	SOAP DISPENSER	GOJO	PRO 2000	REFER PLANS, ELEVATIONS, LEGEND
G	PAPER TOWEL DISPENSER	GEORGIA PACIFIC	59460A	REFER PLANS, ELEVATIONS, LEGEND
J	MIRROR	BOBRICK	B-165-1536 18"W X 36"H	REFER PLANS, ELEVATIONS, LEGEND
L	DOOR SIGN (MEN)	ROCKWOOD	BFM87	REFER PLANS, ELEVATIONS, LEGEND
M	DOOR SIGN (WOMEN)	ROCKWOOD	BFM88	REFER PLANS, ELEVATIONS, LEGEND

ACCESSORY GENERAL NOTES:
1. CONTRACTOR TO PROVIDE FIRE TREATED WOOD BLOCKING FOR INSTALLATION OF TOILET ACCESSORIES, INCLUDING OWNER FURNISHED AND CONTRACTOR INSTALLED ACCESSORIES. COORDINATE REQUIREMENTS WITH OWNER.
2. ACCESSORY OWNER FURNISHED AND CONTRACTOR INSTALLED. REFER TO SCOPE OF WORK SCHEDULE FOR ADDITIONAL REQUIREMENTS.
3. TACTILE (BRAILLE GRADE 2 CONTRACTED) SIGN WITH PICTOGRAMS IN COMPLIANCE WITH ANSI A117.1 AND ADA STANDARDS. COLORS WHITE TEXT AND SYMBOLS ON BLUE (NO. 15090 IN FEDERAL STANDARD 596B) BACKGROUND.



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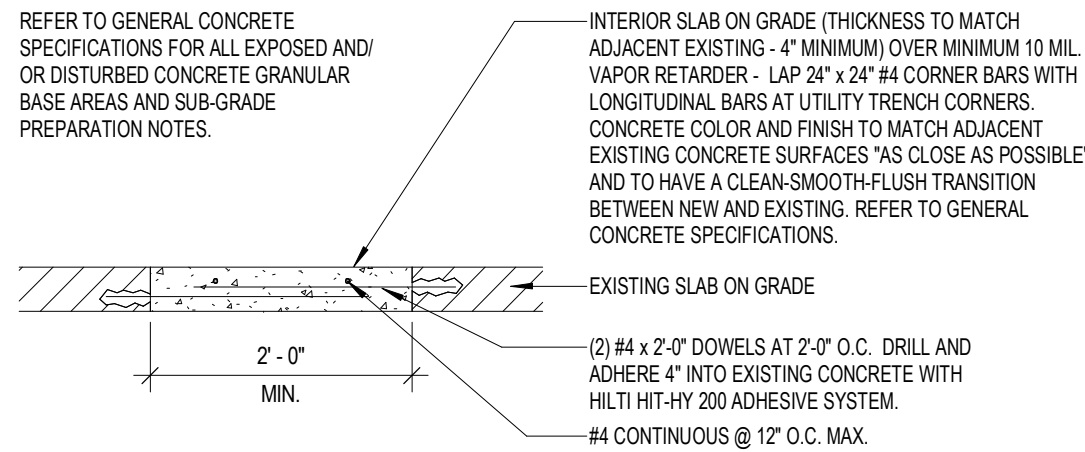
PROJECT: REMODEL O'REILLY AUTO PARTS STORE
1101 N. ILLINOIS ST
HARRISBURG, ARKANSAS
INTERIOR ELEVATIONS

O'Reilly AUTO PARTS
CORPORATE OFFICES
235 SOUTH PATTERSON
SPRINGFIELD, MISSOURI
(417) 882-2074 TELEPHONE

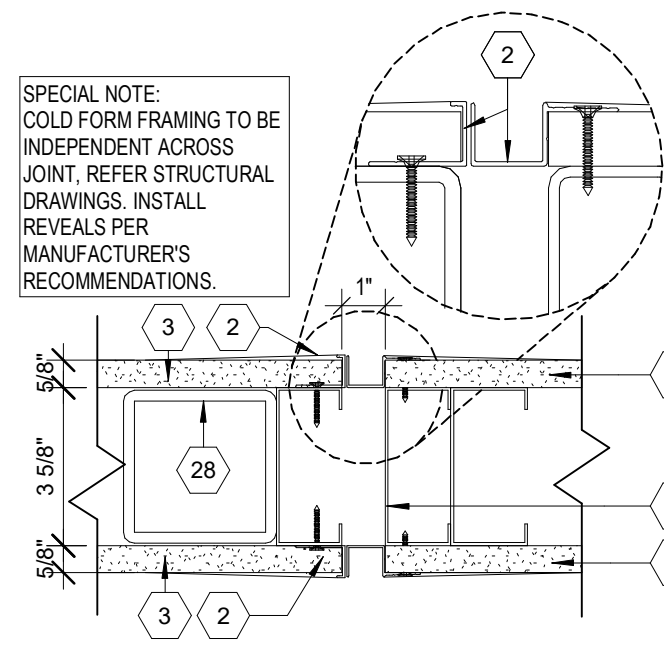
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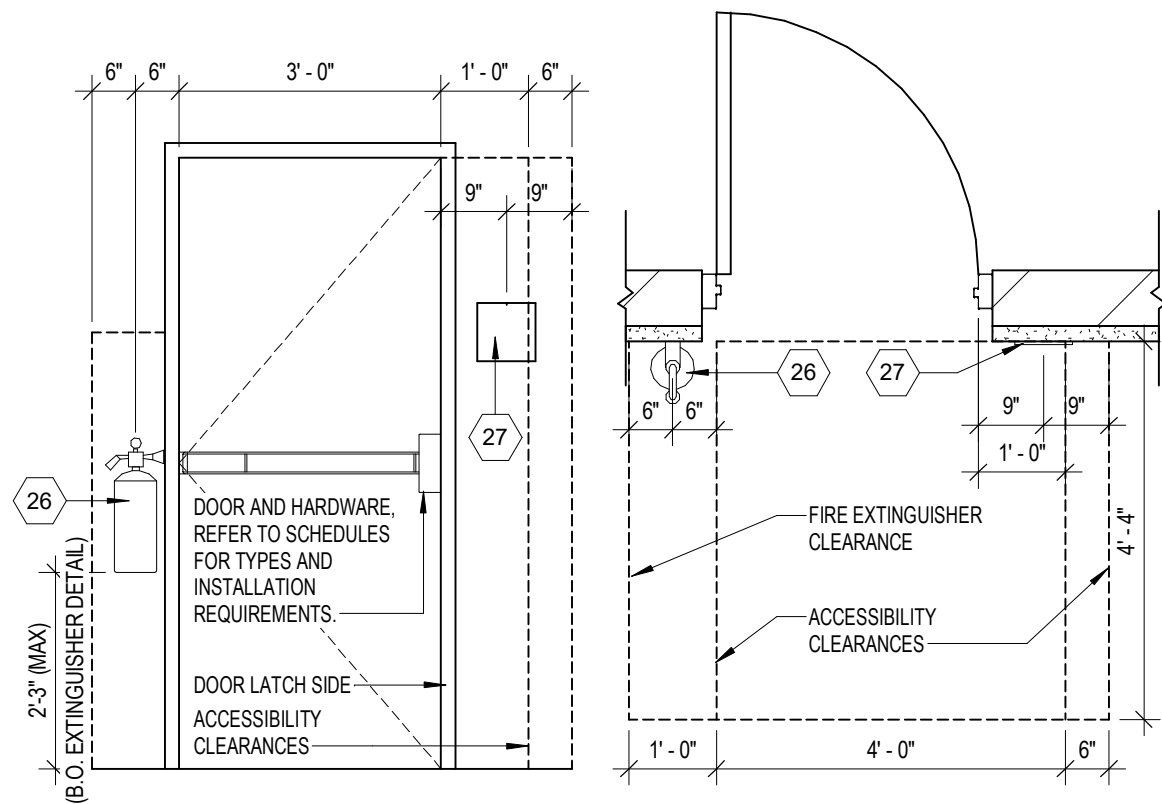
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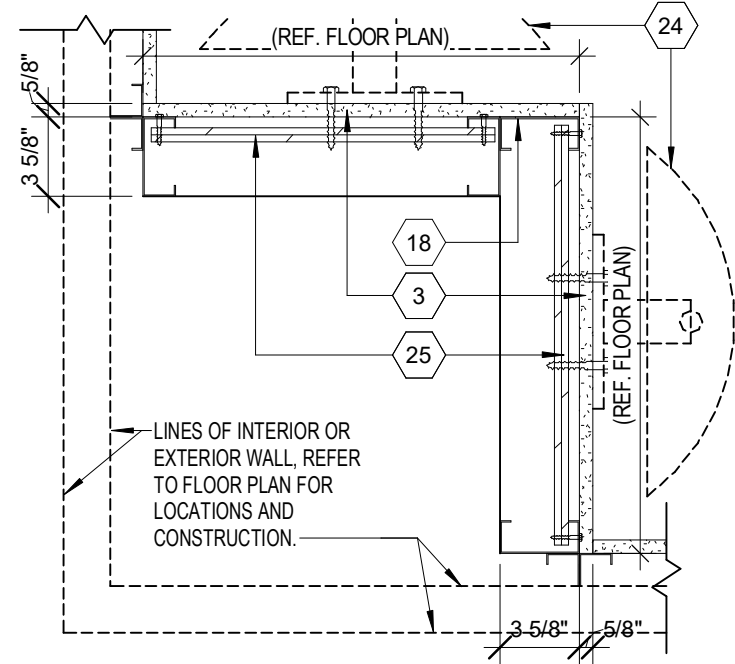
1 CONCRETE FLOOR DETAIL
3/4" = 1'-0"



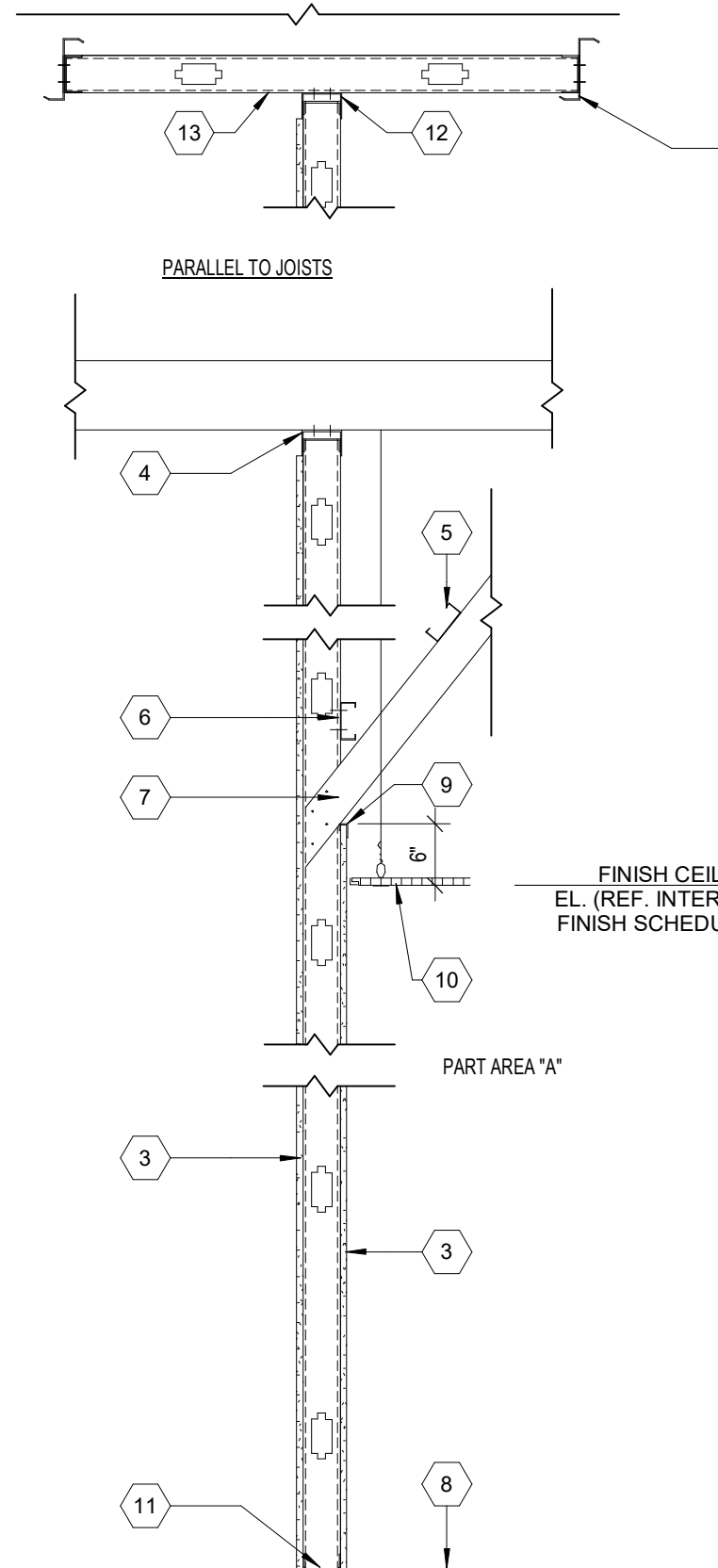
2 GYPSUM BOARD JOINT DETAIL
3" = 1'-0"



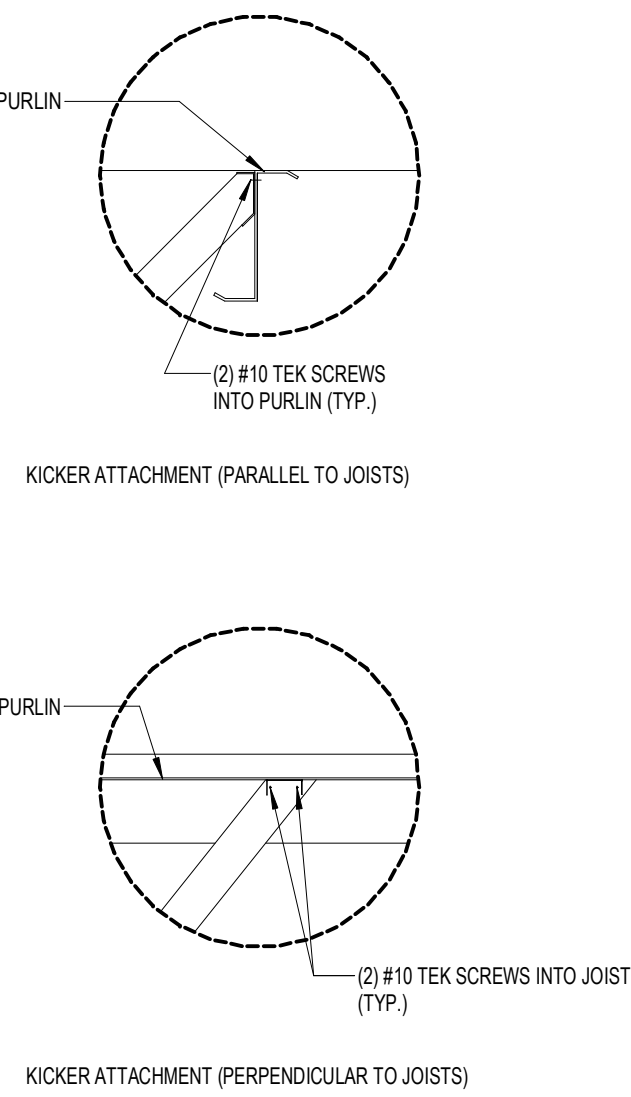
3 FIRE EXTINGUISHER DETAIL
1/2" = 1'-0"



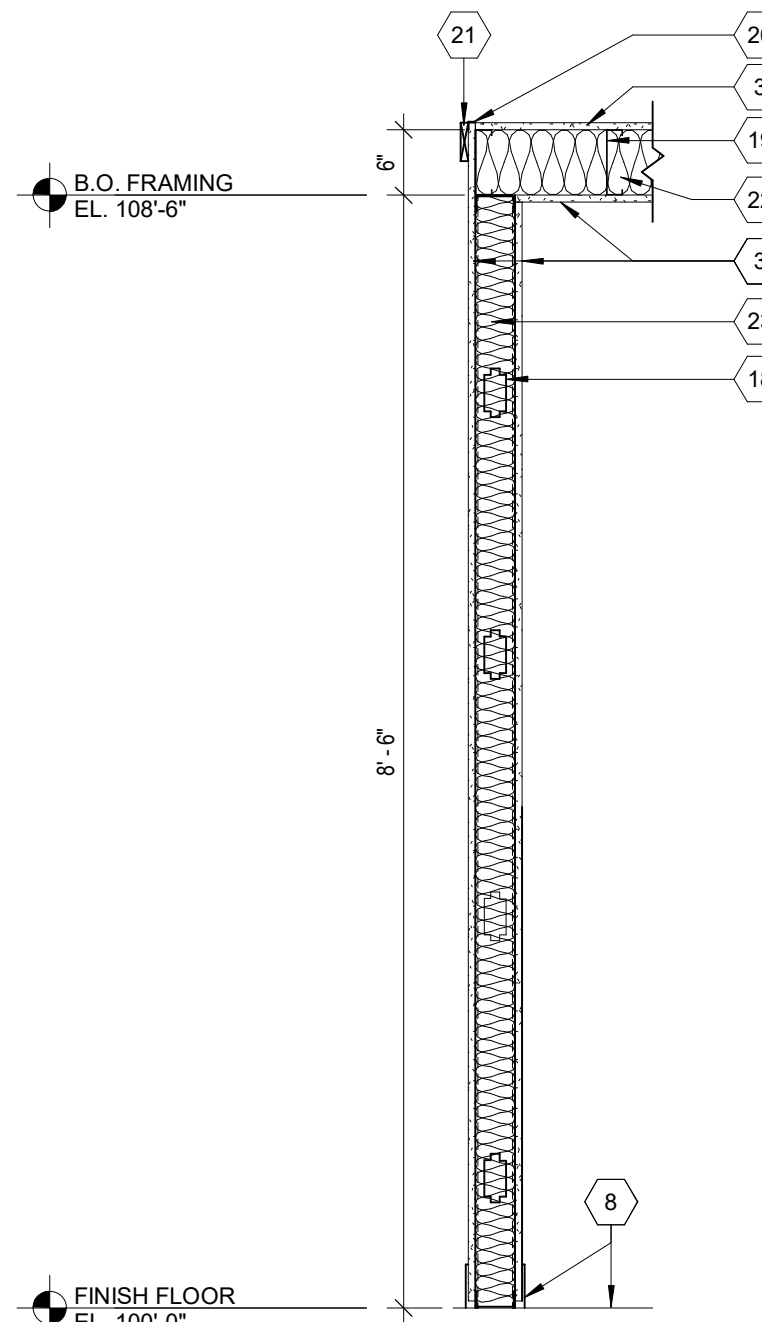
4 FRAMING DETAIL
1 1/2" = 1'-0"



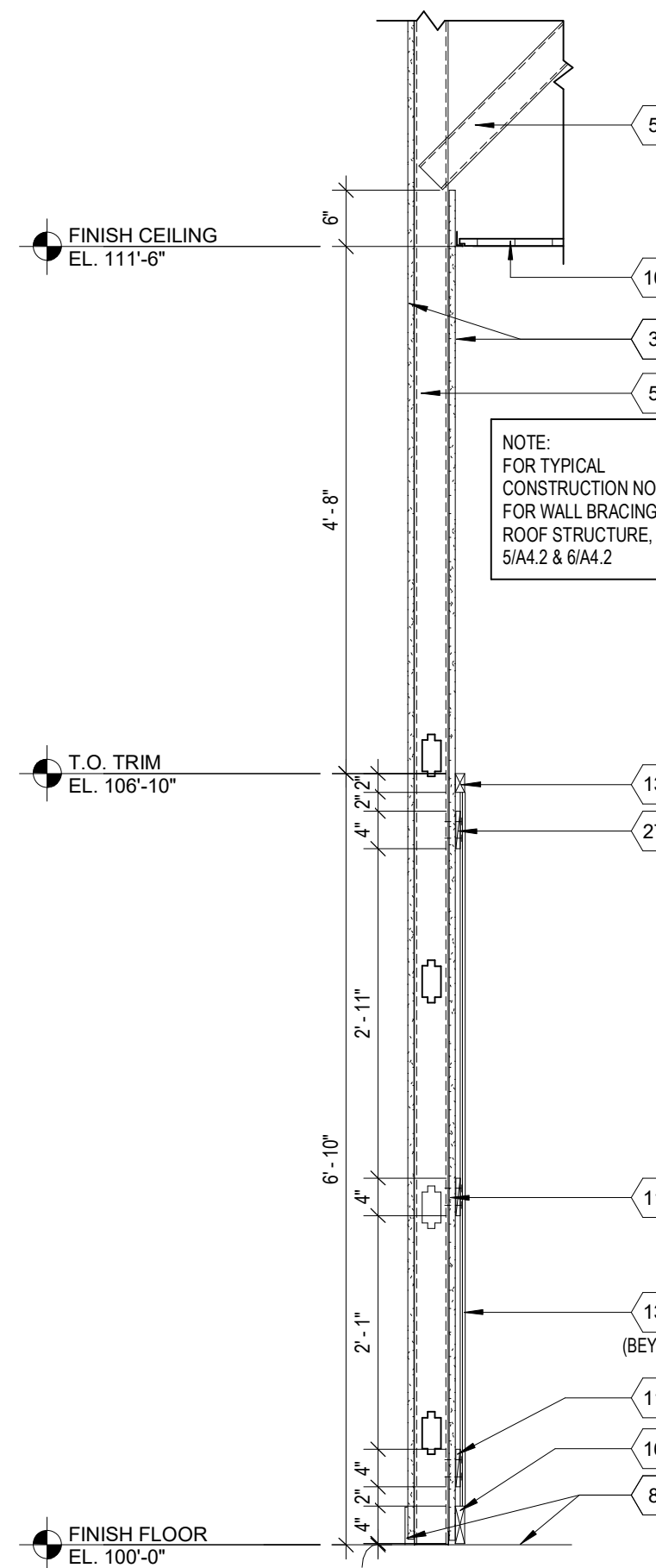
5 INTERIOR WALL SECTION
3/4" = 1'-0"



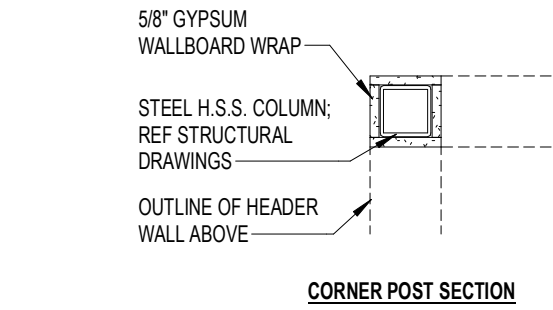
6 INTERIOR WALL SECTION
3/4" = 1'-0"



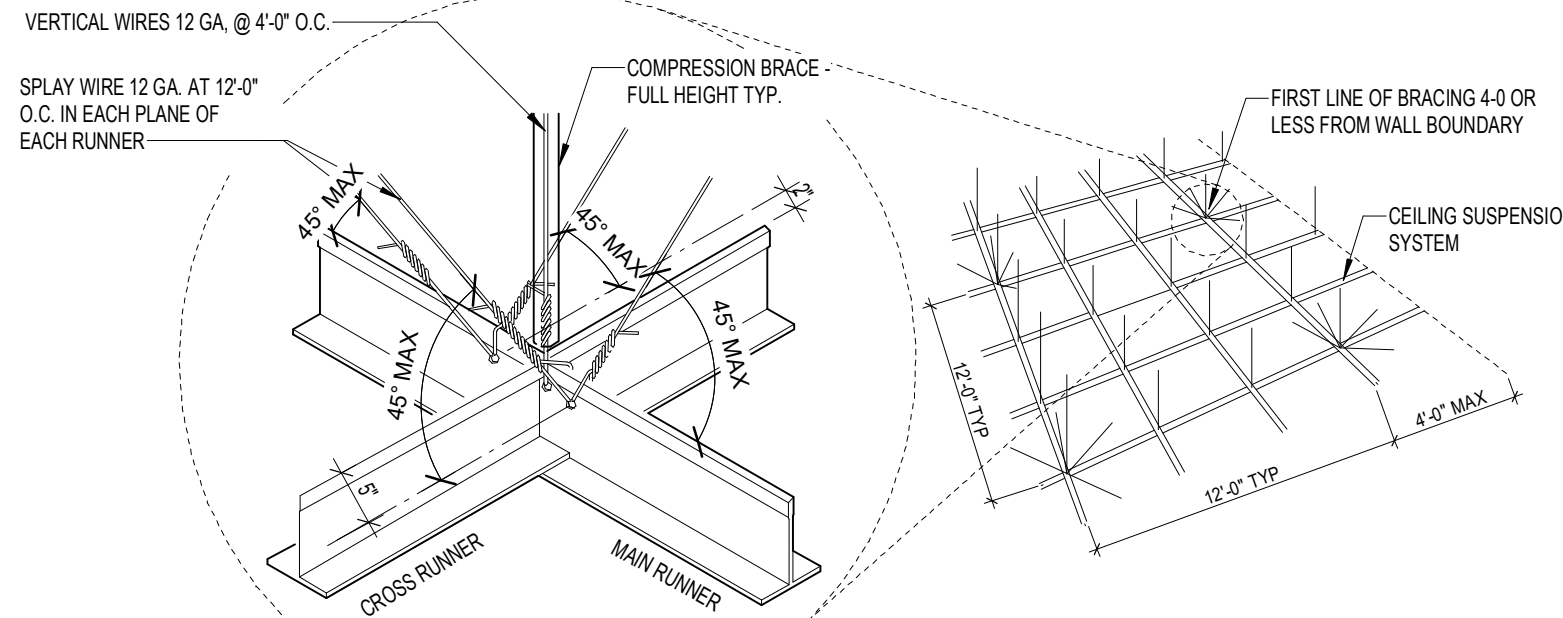
7 INTERIOR WALL SECTION
3/4" = 1'-0"



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



12 CORNER POST DETAIL
1" = 1'-0"



9 SUSPENDED CEILINGS SEISMIC BRACING
3/4" = 1'-0"

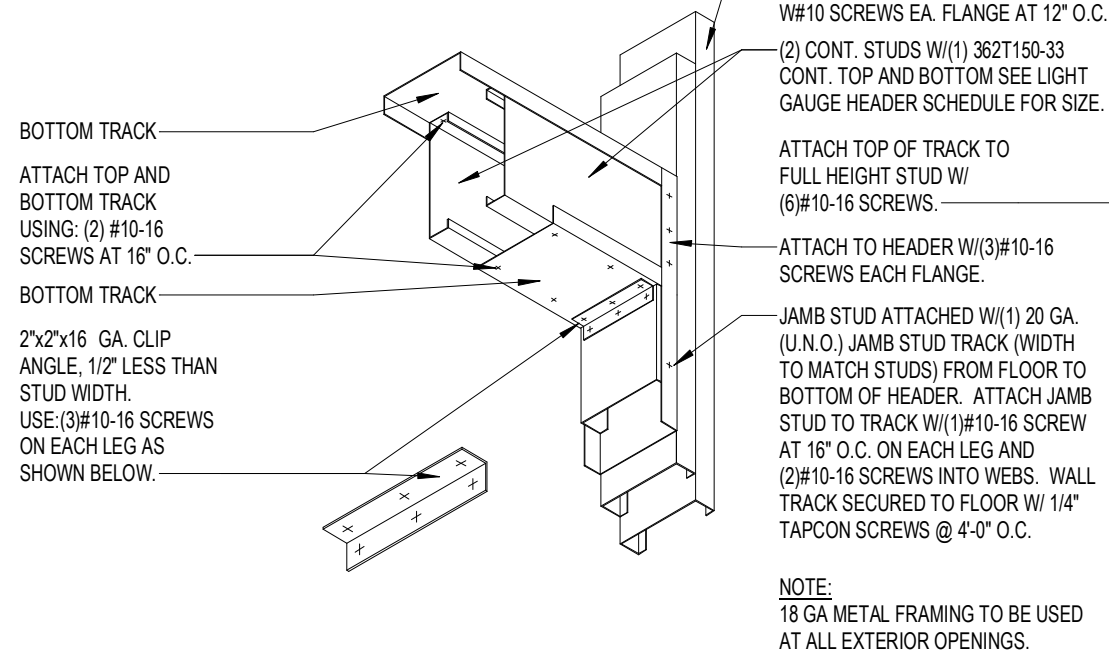
GENERAL INSTALLATION REQUIREMENTS (REFER ALSO TO PROJECT MANUAL).

SEISMIC DESIGN CATEGORIES "A" AND "B": CONFORM TO ASTM C636.

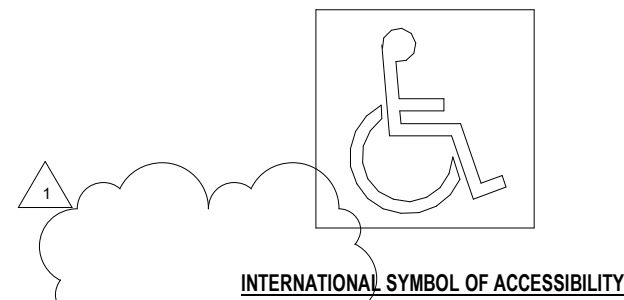
SEISMIC DESIGN CATEGORY "C": CONFORM TO ASTM E580. MINIMUM 7/8" WALL MOLDING SUSPENSION SYSTEM MUST NOT BE ATTACHED TO THE WALL MOLDING. MINIMUM 3/8" CLEARANCE ON ALL SIDES. MINIMUM 3/8" OVERLAP OF THE SUSPENSION SYSTEM ON THE WALL MOLDING. ENDS OF MAIN BEAMS AND CROSS TEES MUST BE TIED TOGETHER TO PREVENT THEIR SPREADING. SAFETY WIRES REQUIRED ON LIGHT FIXTURES.

SEISMIC DESIGN CATEGORIES "D", "E" AND "F": CONFORM TO ASTM C636 AND ASTM E580. MINIMUM 2" WALL MOLDING SUSPENSION SYSTEM MUST BE ATTACHED TO TWO ADJACENT WALLS - OPPOSITE WALLS MUST HAVE 3/4" CLEARANCE. ENDS OF MAIN BEAMS AND CROSS TEES MUST BE TIED TOGETHER TO PREVENT THEIR SPREADING. HEAVY DUTY SUSPENSION SYSTEM. CEILING AREAS OVER 1,000 SQ. FT. MUST HAVE HORIZONTAL RESISTANT WIRE OR RIGID BRACING (REFER DETAIL). CEILING AREAS OVER 2,500 SQ. FT. MUST HAVE SEISMIC SEPARATION JOINTS OR FULL HEIGHT PARTITIONS. CEILING WITHOUT RIGID BRACING MUST HAVE 2" OVERSIZED TRIM RINGS FOR SPRINKLERS AND OTHER PENETRATIONS. CHANGES IN CEILING PLANE MUST HAVE POSITIVE BRACING. CABLE TRAYS AND ELECTRICAL CONDUITS MUST BE INDEPENDENTLY SUPPORTED AND BRACED. SUSPENDED CEILINGS WILL BE SUBJECT TO SPECIAL INSPECTIONS. PERIMETER SUPPORT WIRES WITHIN 6".

COLD FORM METAL FRAMING BOX HEADER SCHEDULE	
SPANS	USE
UP TO 14'-0"	(2) 800S162-33
14'-0" TO 16'-0"	(2) 800S162-43
16'-0" TO 20'-0"	(2) 800S162-54
20'-0" TO 26'-0"	(2) 1000S162-54



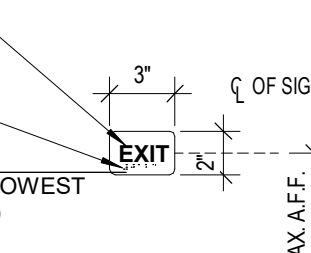
10 HEADER ATTACHMENT DETAIL
1" = 1'-0"



GENERAL NOTES:

- SIGNS SHALL COMPLY WITH & CONFORM TO ANSI ICC-A117.1:2017 STANDARDS FOR ACCESSIBLE DESIGN OR BY LOCAL ACCESSIBILITY GUIDELINES WHICHEVER IS MORE STRINGENT.
- ALL ENTRANCES THAT ARE ACCESSIBLE AND USABLE BY PERSONS WITH DISABILITIES SHALL BE IDENTIFIED WITH A MINIMUM OF ONE "INTERNATIONAL SYMBOL OF ACCESSIBILITY".
- ACCESSIBLE SIGNS TO BE INSTALLED ON THE LATCH SIDE OF THE DOOR, OR IF NO SPACE ON THE NEAREST WALL PREFERABLY ON THE RIGHT. ALL SIGNS MUST BE A DISTINCTLY DIFFERENT FROM ITS MOUNTING SURFACE IN COLOR/ CONTRAST.
- GENERAL CONTRACTOR TO PROVIDE TACTILE "EXIT" SIGNS AT ALL GRADE LEVEL EXIT DOORS, UNLESS OTHERWISE REQUIRED BY LOCAL AUTHORITY. INSTALL PER ADA COMPLIANT ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR WITH CONTRASTING AND RAISED PICTOGRAPH. SANS SERIF LETTERING AND GRADE 2 BRAILLE.

11 ACCESSIBILITY SIGNAGE DETAILS
1 1/2" = 1'-0"



TACTILE "EXIT" WALL SIGN

RAISED TEXT

CONTRACTED BRAILLE TEXT

ELEV. = 4'-0"

(BOTTOM OF LOWEST BRAILLE TEXT)

5'-0" MAX. A.F.F.

3"

C OF SIGN



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PROJECT:
REMODEL O'REILLY AUTO PARTS STORE
1101 N. ILLINOIS ST
HARRISBURG, ARKANSAS

INTERIOR SECTIONS AND DETAILS

AUTO PARTS

O'Reilly

CORPORATE OFFICES
235 SOUTH PATTERSON
SPRINGFIELD, MISSOURI
(417) 882-2074 TELEPHONE

DRAWN BY: CM

CHECKED BY: JS

DATE: 04/19/2021

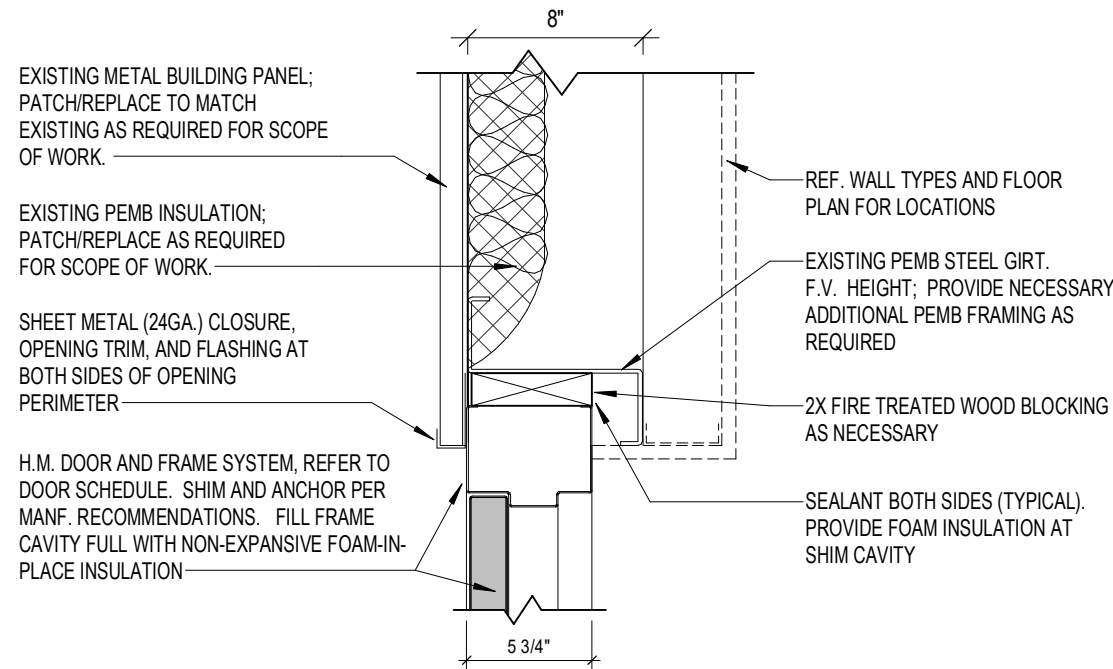
REVISION: ADD #1 06.09.2021

PROJECT NUMBER: 2021.0102

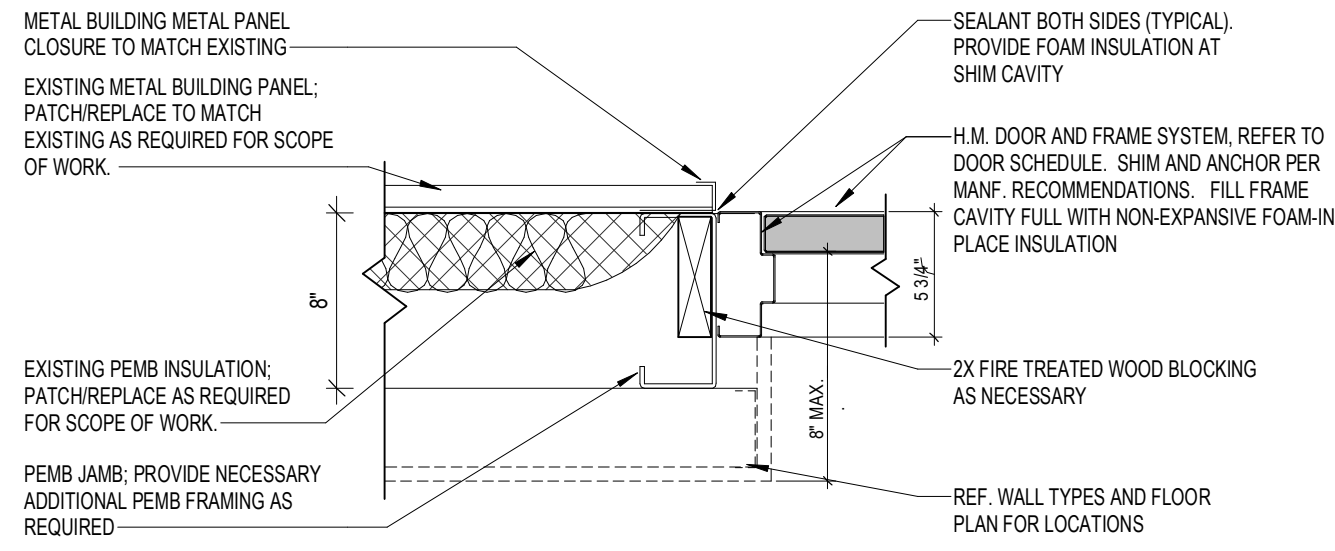
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A4.2

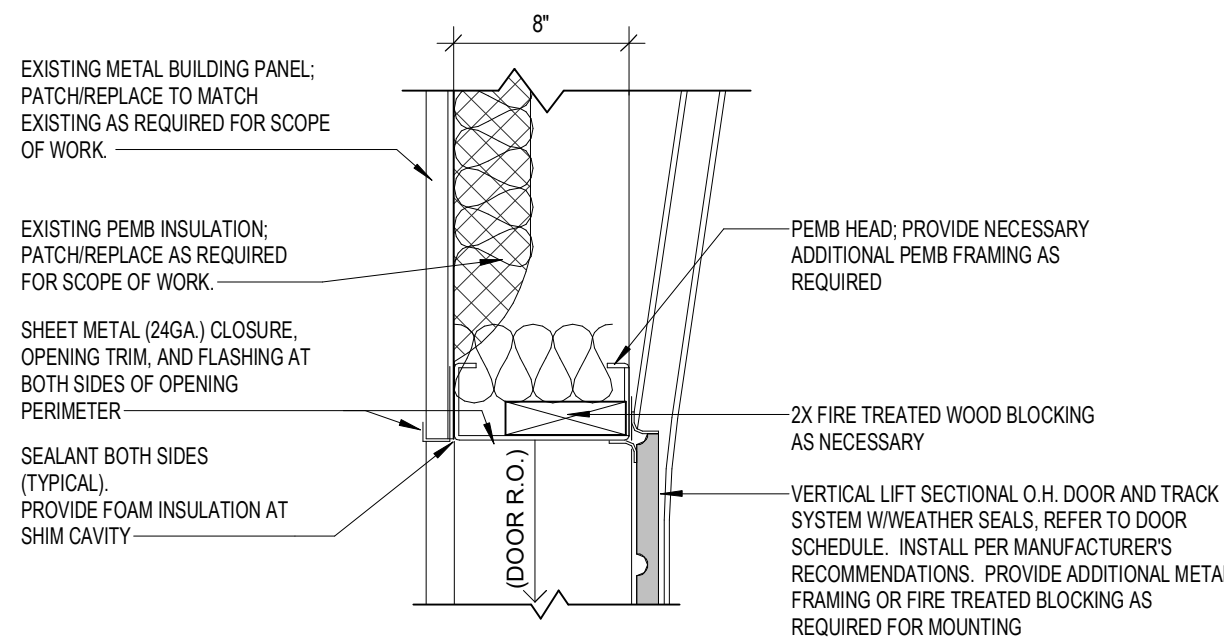
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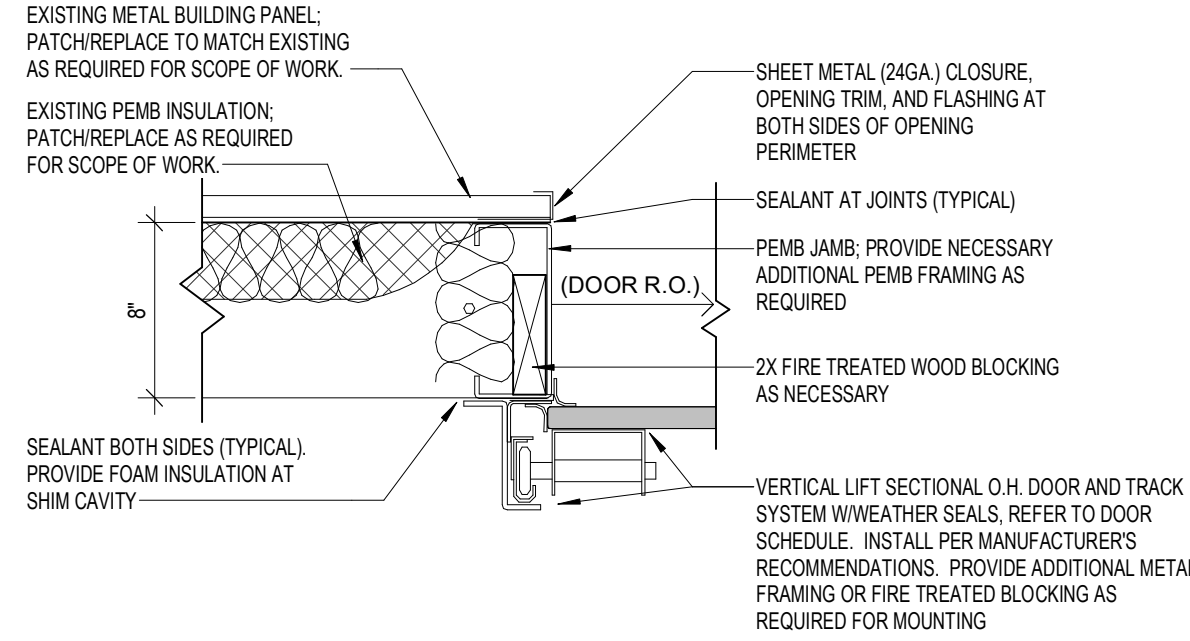
1 HEAD DETAIL-EXT. H.M. DOOR
1 1/2" = 1'-0"



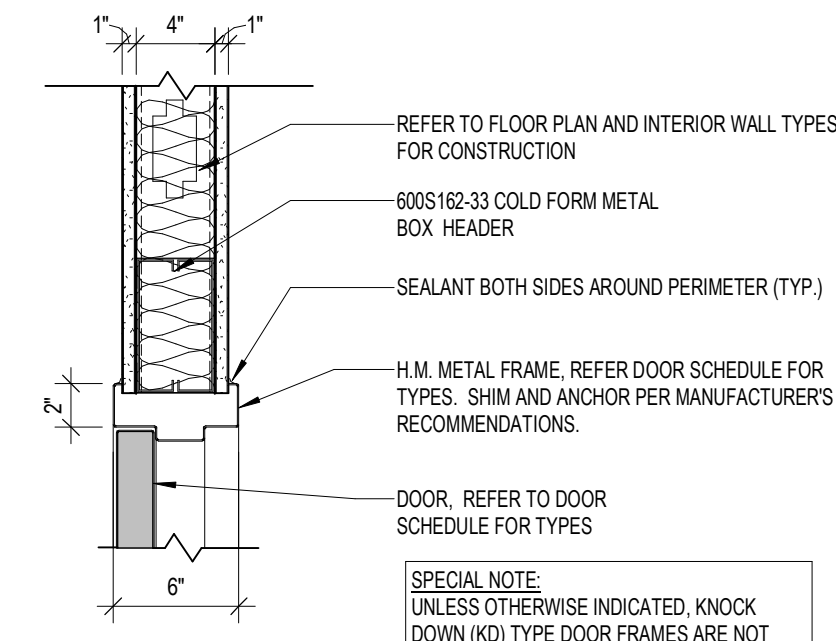
2 JAMB DETAIL-EXT. H.M. DOOR
1 1/2" = 1'-0"



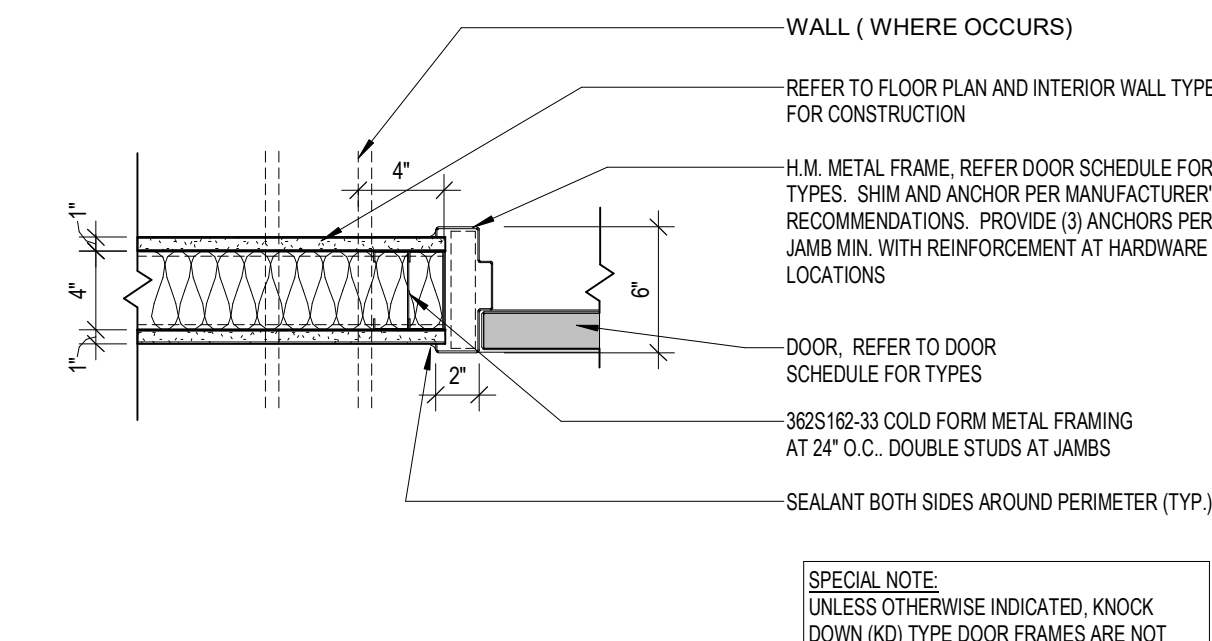
3 HEAD DETAIL-EXT. O.H. DOOR
1 1/2" = 1'-0"



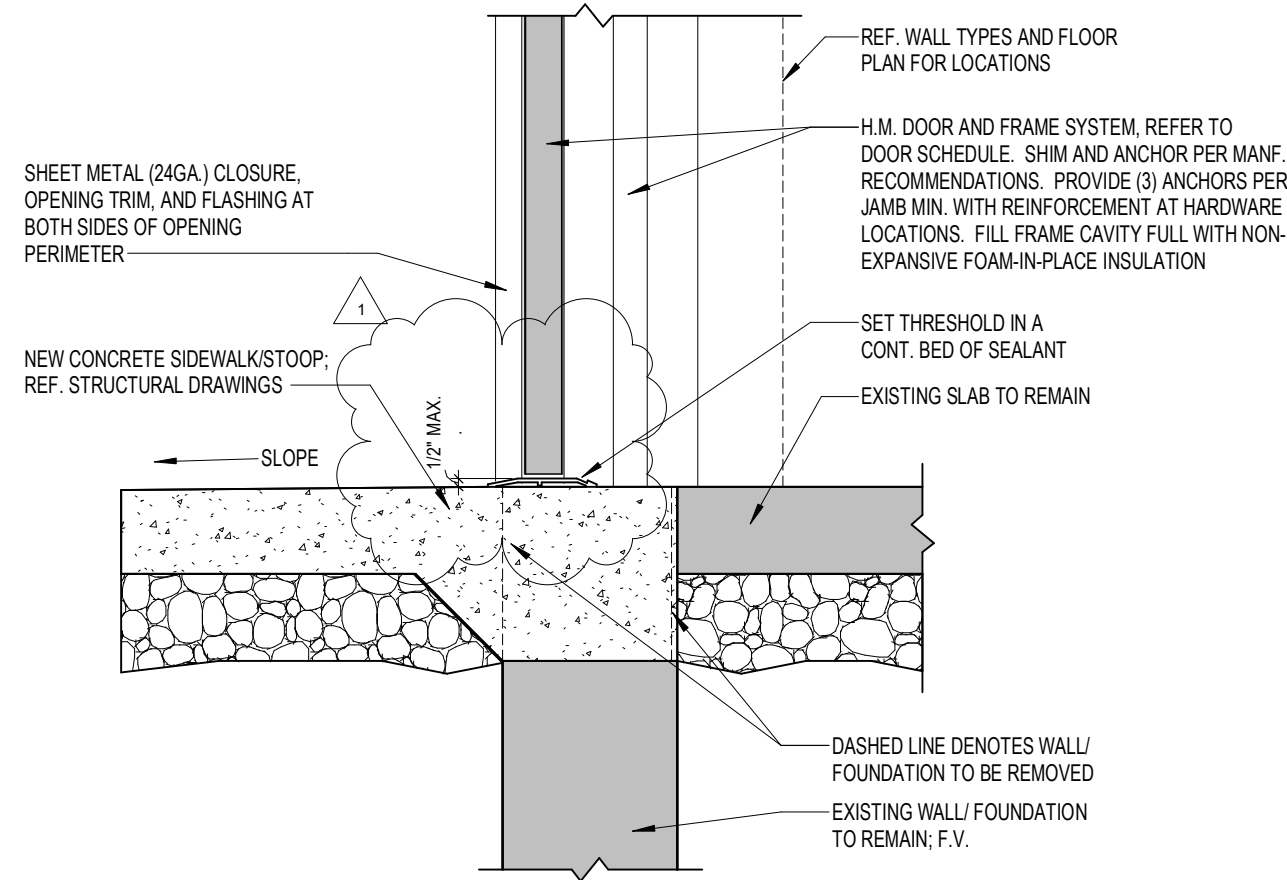
4 JAMB DETAIL-EXT. O.H. DOOR
1 1/2" = 1'-0"



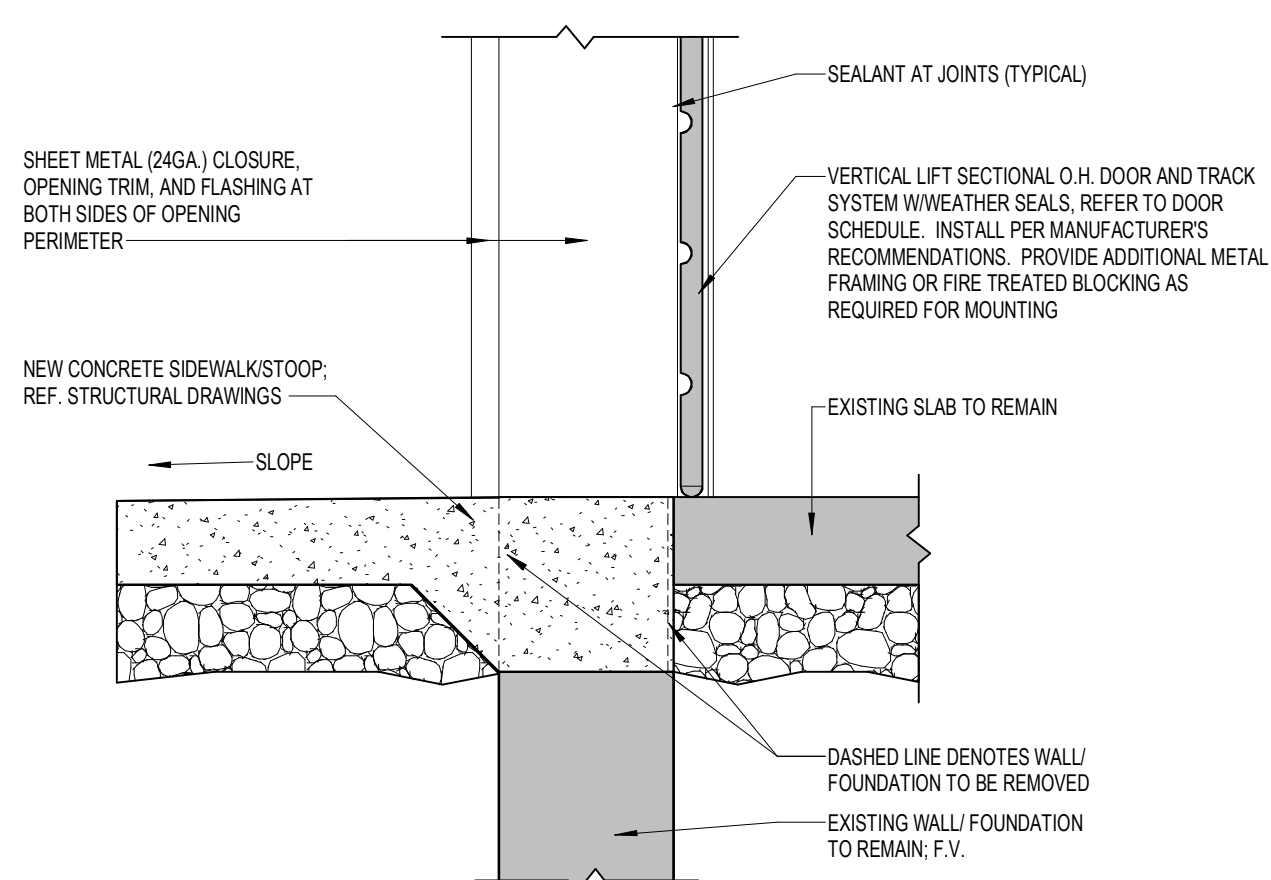
5 HEAD DETAIL - INTERIOR H.M. DOOR
1 1/2" = 1'-0"



6 JAMB DETAIL - INTERIOR H.M. DOOR
1 1/2" = 1'-0"



7 SILL DETAIL-EXT. H.M. DOOR
1 1/2" = 1'-0"



8 SILL DETAIL-EXT. O.H. DOOR
1 1/2" = 1'-0"

DOOR SCHEDULE												
MK	DOOR				DOOR HARDWARE		FRAME		DETAILS			
	SIZE (W x H x D)	TYPE	SWING	MATERIAL	SET #	KEYED	MATERIAL	HEAD WIDTH	HEAD	JAMB	SILL	NOTES
1	3'-0" x 7'-0" x 1-3/4"	A	REF. FLOOR PLAN	ALUMINUM	1A	-	ALUMINUM		8/A5.2	8/A5.2	12/A5.2	1,2,5
2	3'-0" x 7'-0" x 1-3/4"	A	REF. FLOOR PLAN	ALUMINUM	1B	-	ALUMINUM		8/A5.2	8/A5.2	-	1,5
3	6'-0" x 8'-0"	D	OVERHEAD	INSULATED	3	-	MANUFACTURE'S STANDARDS		3/A5.1	4/A5.1	8/A5.1	1
4	3'-0" x 7'-0" x 1-3/4"	B	REF. FLOOR PLAN	INSULATED	2	A	HOLLOW METAL		1/A5.1	2/A5.1	7/A5.1	1,2,3
5	3'-0" x 7'-0" x 1-3/4"	C	REF. FLOOR PLAN	SOLID WOOD	5	-	HOLLOW METAL		5/A5.1	6/A5.1	-	1,4
6	3'-0" x 7'-0" x 1-3/4"	C	REF. FLOOR PLAN	SOLID WOOD	5	-	HOLLOW METAL		5/A5.1	6/A5.1	-	1,4
7	3'-0" x 7'-0" x 1-3/4"	C	REF. FLOOR PLAN	SOLID WOOD	4	-	HOLLOW METAL		5/A5.1	6/A5.1	-	1,4
8	3'-0" x 7'-0" x 1-3/4"	B	REF. FLOOR PLAN	INSULATED	6	-	HOLLOW METAL		1/A5.1	2/A5.1	7/A5.1	1,3

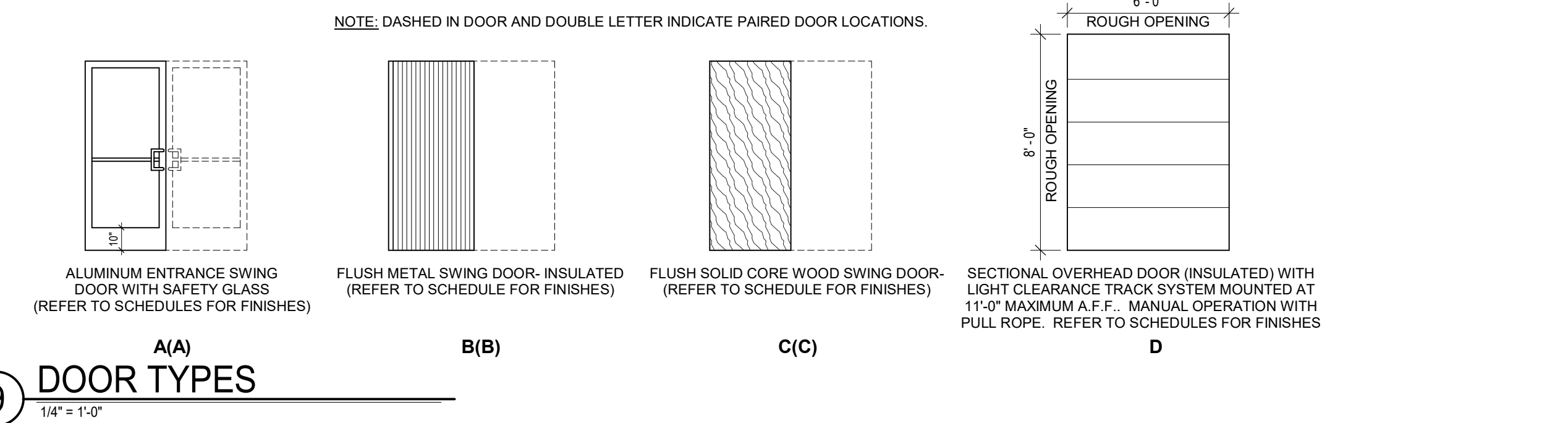
NOTES:
1. ALL DOORS SHALL BE SHOP PREPARED FOR HARDWARE.
2. ALL EXTERIOR DOORS MARKED AS "KEYED" TO BE KEYPED ALIKE. CONTRACTOR TO FIELD VERIFY.
3. EXTERIOR DOOR FRAME AND HARDWARE OWNER FURNISHED AND CONTRACTOR INSTALLED. REFER TO SCOPE OF WORK SCHEDULE.
4. CONTRACTOR'S OPTION TO PURCHASE INTERIOR DOORS, FRAMES, AND HARDWARE THROUGH PREFERRED VENDOR. REFER TO SCOPE OF WORK SCHEDULE.
5. PROVIDE SIGN POSTED ON EGRESS SIDE ADJACENT TO DOOR STATING "THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED". SIGN CONSTRUCTION TO BE NON-GLARE
6. 1" HIGH WHITE LETTERING ON CONTRASTING BLUE BACKGROUND LOCATION TO COMPLY WITH ANSI A117.1. MOUNT 48" MINIMUM ABOVE FINISH FLOOR TO BOTTOM OF LOWEST CHARACTER. AND 60" MAXIMUM ABOVE FINISH FLOOR TO BOTTOM OF HIGHEST CHARACTER.

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100 COURDHELLE DRIVE
NICHOLASVILLE, KY 40355
CONTACT: PAM PEELE
PHONE 800-887-4307 EXT 133
FAX 609-881-5499
EMAIL: construction@locknet.com

SPECIAL NOTE:
UNLESS OTHERWISE INDICATED, KNOCK
DOWN (KD) TYPE DOOR FRAMES ARE NOT
PERMITTED

GENERAL NOTES	
A.	REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
B.	EXISTING CONDITIONS BASED UPON INFORMATION PROVIDED BY OTHERS OR ARCHITECTS OBSERVATION. FIELD VERIFY EXISTING CONDITIONS BY DETAILED INSPECTION PRIOR TO SUBMITTING BID AND BEGINNING CONSTRUCTION. NOTIFY ARCHITECT IF EXISTING CONDITIONS DEVIATE SUBSTANTIALLY FROM THOSE INDICATED HEREIN.
C.	REFER TO FLOOR PLAN, ELEVATIONS, AND SECTIONS FOR ADDITIONAL REQUIREMENTS.
D.	REFER TO EXTERIOR AND INTERIOR FINISH SCHEDULES FOR COLORS. PERIMETER SEALANT COLOR TO MATCH FRAME COLOR UNLESS OTHERWISE INDICATED.
E.	REFER TO BUILDING CODE SUMMARY AND STRUCTURAL DRAWINGS FOR PROJECT STRUCTURAL DESIGN CRITERIA. DOOR FRAMING AND ANCHORING SYSTEMS SHALL BE DESIGNED BY MANUFACTURER TO CONFORM TO PERFORMANCE AND TESTING REQUIREMENTS SPECIFIED.

DOOR HARDWARE SCHEDULE	
HARDWARE NOTES: 1. ALL HARDWARE TO BE ADA AND ANSI COMPLIANT. 2. VERIFY COMPATIBILITY OF HARDWARE SPECIFIED. NOTIFY ARCHITECT OF INCOMPATIBILITY ISSUES PRIOR TO ORDERING AND INSTALLATION.	
SET NO. 1A (DR. 1) 1 CYLINDER (RHR DOOR); 20-082 X 626 - "E" KEYWAY (REMOVABLE CORE), SCHLAGE	
[FOLLOWING REQUIRED HARDWARE FURNISHED WITH WINDOW FRAMING DOOR SYSTEM] 1 PAIR OFFSET PIVOTS: 190188 X 626.....RUXON 1 DEADLOCK: MS1850S X 626.....ADAMS RITE 1 DEADLOCK LEVER (WITH "LOCKED" AND "OPEN" INDICATOR).....ADAMS RITE 1 STRIKE: MS4002 X 626.....ADAMS RITE 1 SET PUSH / OFFSET PULL: CO-12 X CP-II X 626.....KAWNEER 1 CLOSER: 4040XP-307T-18T-JTB X 689 (ADJ. TO 8.5 LBS.).....LON 1 SET PERIMETER GASKETS: POLYMERIC BULB X LENGTH REQUIRED.....PEMKO 1 SWEEP: 3454P X LENGTH REQUIRED.....PEMKO 1 THRESHOLD: 270A X LENGTH REQUIRED (OFFSET PIVOT COMPATIBLE).....PEMKO (ANSI & ADA COMPLIANT)	
SET NO. 1B (DR. 2) [FOLLOWING REQUIRED HARDWARE FURNISHED WITH WINDOW FRAMING DOOR SYSTEM] 1 PAIR OFFSET PIVOTS: 190188 X 626.....RUXON 1 SET PUSH / OFFSET PULL: CO-12 X CP-II X 626.....KAWNEER 1 CLOSER: 4040XP-307T-18T-JTB X 689 (ADJ. TO 8.5 LBS.).....LON 1 SET PERIMETER GASKETS: POLYMERIC BULB X LENGTH REQUIRED.....PEMKO	
SET NO. 2 (DR. 4) 1 CONTINUOUS HINGE: 780-112HD X 626 X LENGTH REQUIRED.....HAGER 1 CYLINDER: 20-057 X 626 - "E" KEYWAY (REMOVABLE CORE).....SCHLAGE PROVIDE (2) SECURITY KEYS: (1) CORE KEY, (1) BITTED.....DORMA 1 EXIT PANIC LOCK: 8300B X 486 X 689 X PR103 X 630 (THROUGH SEX BOLT MOUNTING).....DORMA 1 CLOSER: 8616DS1 X FC X SN61 X 689 (ADJ. TO 8.5 LBS.).....DORMA 1 SET PERIMETER GASKETS: 12002 X 1116 X LENGTH REQUIRED.....SCHLEGEL 1 LATCH GUARD: LG1002SF X 663 (STRAIGHT W/ PIN AND SEX BOLTS).....LATCHGUARD 1 DOOR VIEWER: 686-190 X 626.....YES 1 KICK PLATE: 1905 X 6" X 34" X 630.....HAGER 1 DOOR BOTTOM SWEEP: 31321 X 689 X LENGTH REQUIRED.....GLOBAL 1 THRESHOLD: 31206 X 689 X LENGTH REQUIRED.....GLOBAL	
SET NO. 3 (DR. 3) REQUIRED HARDWARE FURNISHED WITH OVERHEAD DOOR SYSTEM (LOCKING FROM INSIDE ONLY) 3 HINGES: BB1279 X 4 1/2" X 4 1/2" X 626.....HAGER 1 OFFICE LOCK (LEVER HANDLE): AUS307LN X 626.....YALE 1 WALL BUMPER: 409 X 626.....ROCKWOOD	
SET NO. 4 (DR. 7) 3 HINGES: BB1279 X 4 1/2" X 4 1/2" X 626.....HAGER 1 OFFICE LOCK (LEVER HANDLE): AUS307LN X 626.....YALE 1 WALL BUMPER: 409 X 626.....ROCKWOOD	
SET NO. 5 (DR. 6) 3 HINGES: BB1279 X 4 1/2" X 4 1/2" X 626.....HAGER 1 PRIVACY LOCK (LEVER HANDLE): AUS302LN X 626.....YALE 1 WALL BUMPER: 409 X 626.....ROCKWOOD	
SET NO. 6 (DR. 8) 3 HINGES: EC881100 X 4 1/2" X 4 1/2" X 626 X NRP.....HAGER 1 EXIT ONLY PANIC LOCK: 8300B X 486 X 689.....DORMA 1 CLOSER: 5300MLT X FC X SX2 X 689 (ADJ. TO 8.5 LBS.).....HAGER 1 SET PERIMETER GASKETS: 12002 X 1116 X LENGTH REQUIRED.....SCHLEGEL 1 LATCH GUARD: LG1002SF X 663 (STRAIGHT W/ PIN AND SEX BOLTS).....LATCHGUARD 1 DOOR BOTTOM SWEEP: 31321 X 689 X LENGTH REQUIRED.....GLOBAL 1 THRESHOLD: 31206 X 689 X LENGTH REQUIRED.....GLOBAL	



9 DOOR TYPES
1/4" = 1'-0"



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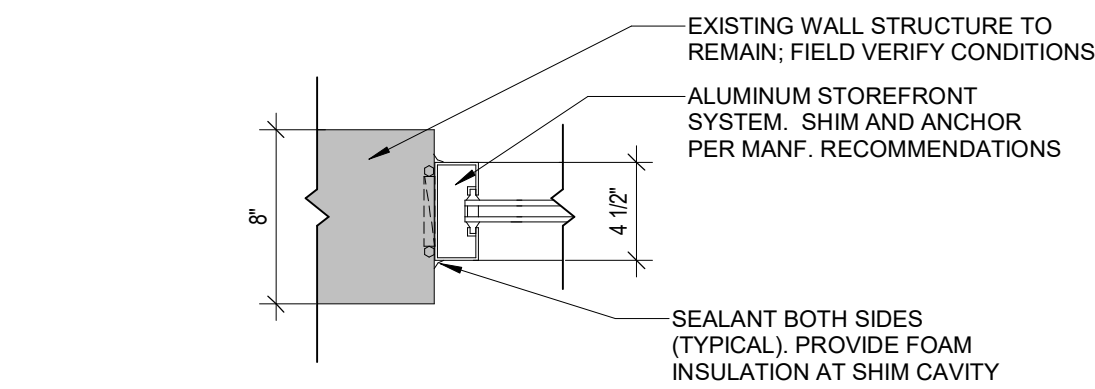
PROJECT:
REMODEL O'REILLY AUTO PARTS STORE
1101 N. ILLINOIS ST
HARRISBURG, ARKANSAS

O'Reilly AUTO PARTS
CORPORATE OFFICES
235 SOUTH PATTERSON
SPRINGFIELD, MISSOURI
(417) 882-2074 TELEPHONE

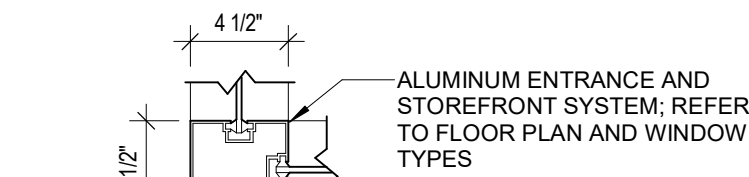
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CHECKED BY: JS
DATE: 04/19/2021
REVISION: ADD #1 06.09.2021
PROJECT NUMBER: 2021.0102
SHEET NUMBER:

A5.1

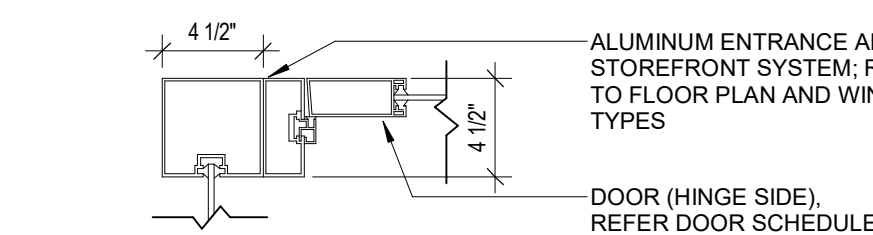
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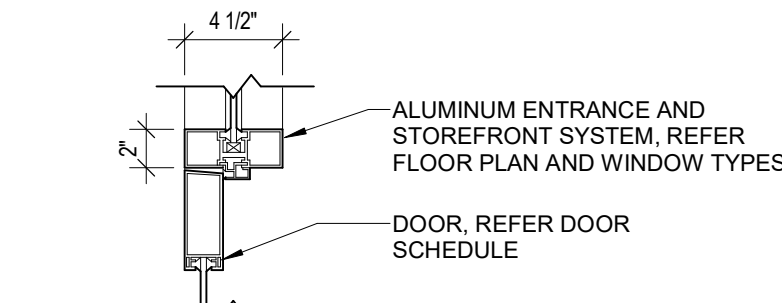
11 STOREFRONT JAMB DETAIL
1 1/2" = 1'-0"



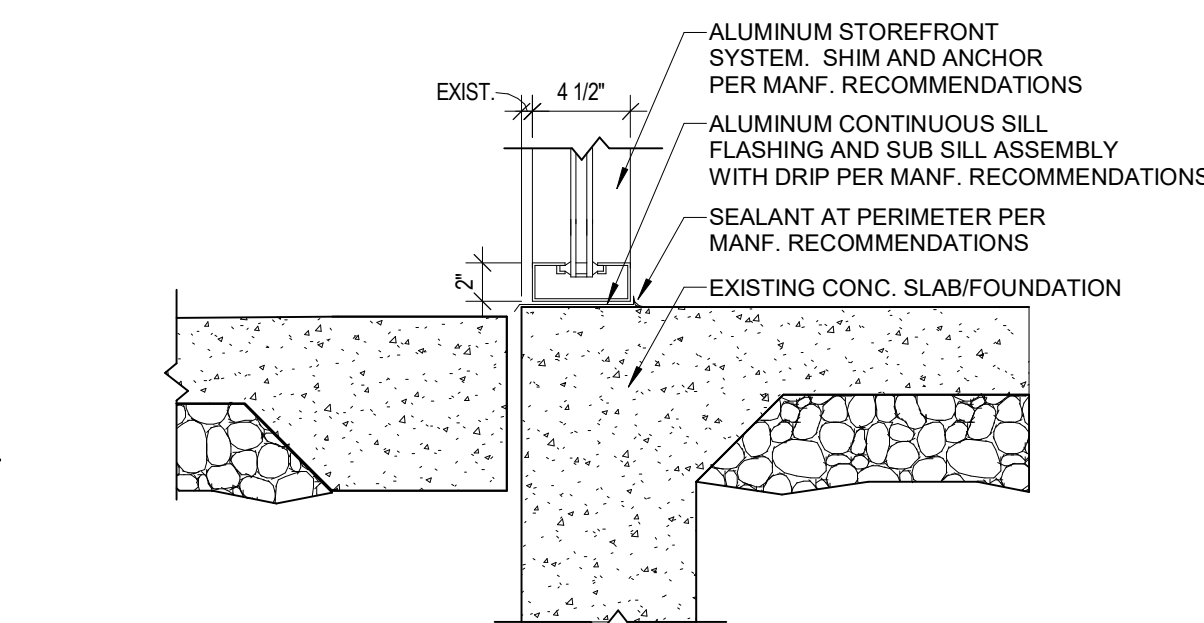
10 STOREFRONT JAMB DETAIL
1 1/2" = 1'-0"



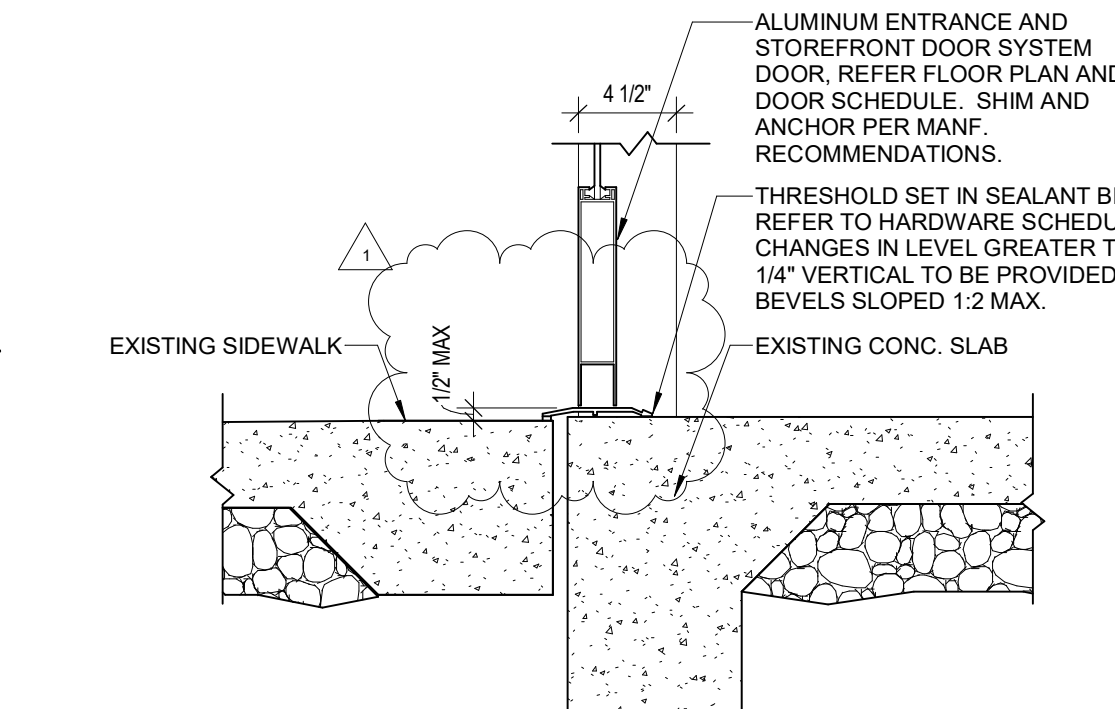
9 STOREFRONT JAMB DETAIL
1 1/2" = 1'-0"



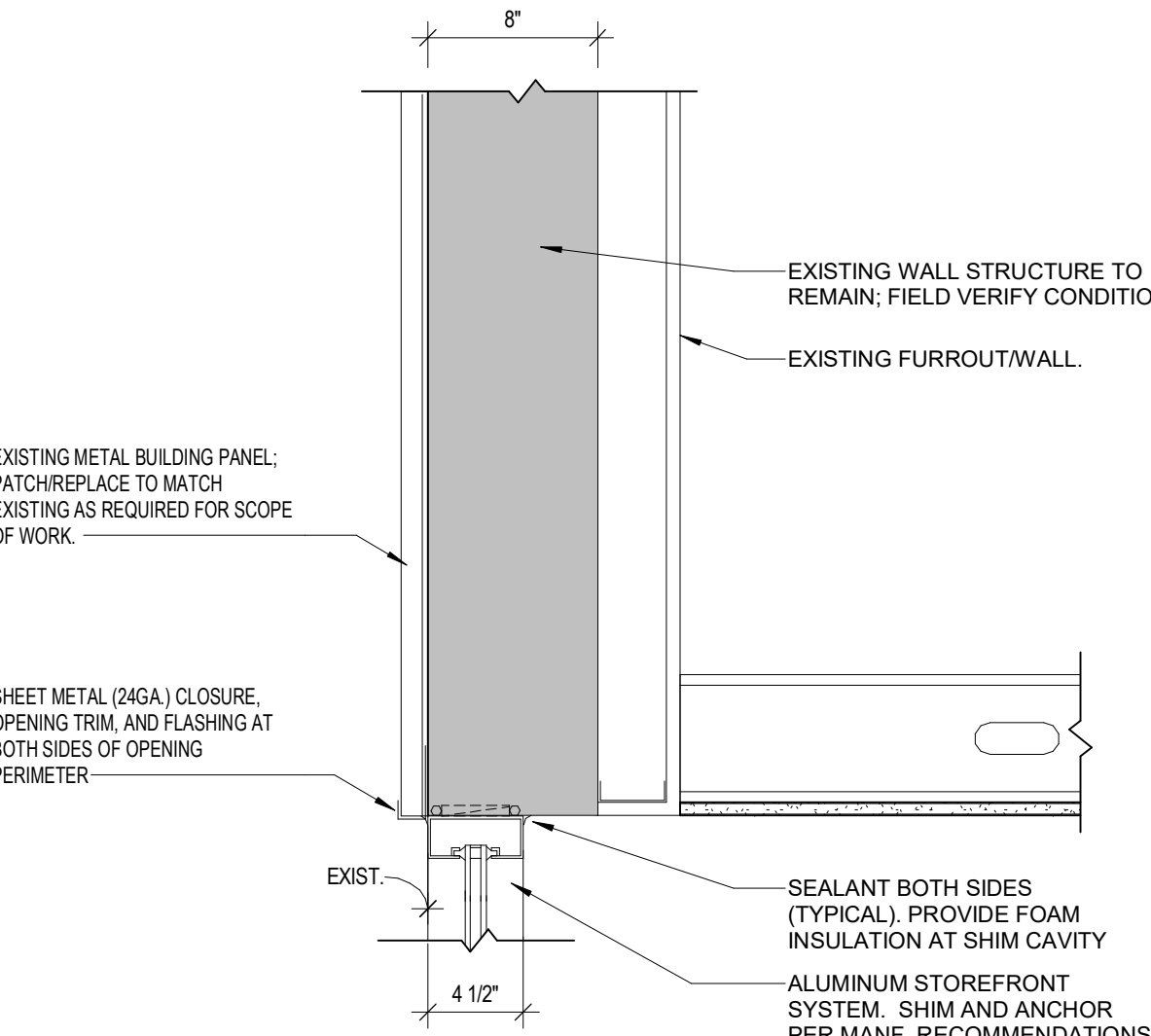
8 STOREFRONT DOOR HEAD/JAMB DETAIL
1 1/2" = 1'-0"



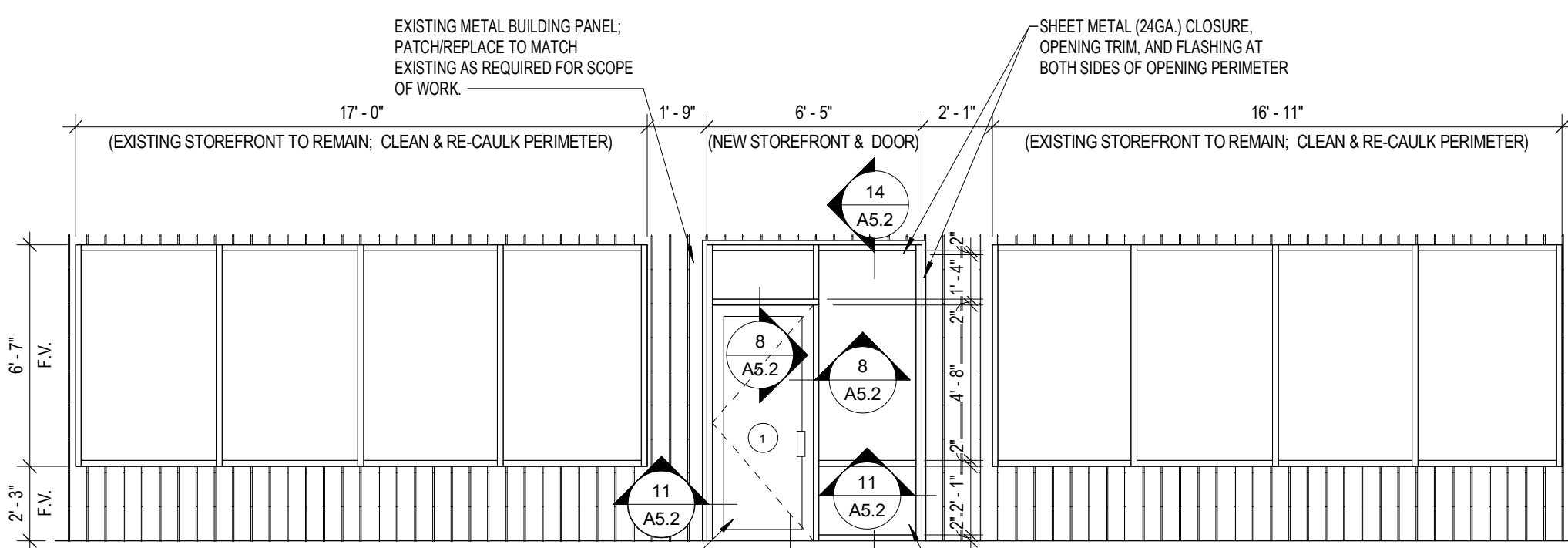
13 STOREFRONT SILL DETAIL
1 1/2" = 1'-0"



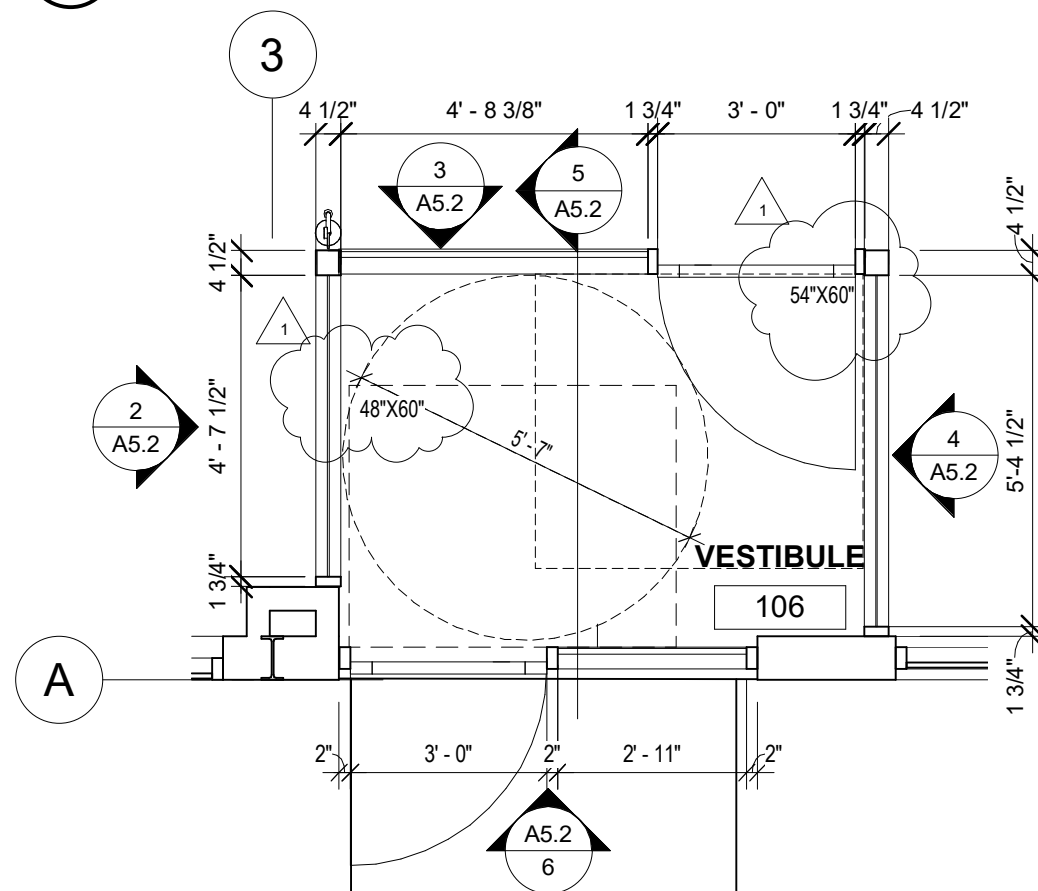
12 STOREFRONT DOOR SILL DETAIL
1 1/2" = 1'-0"



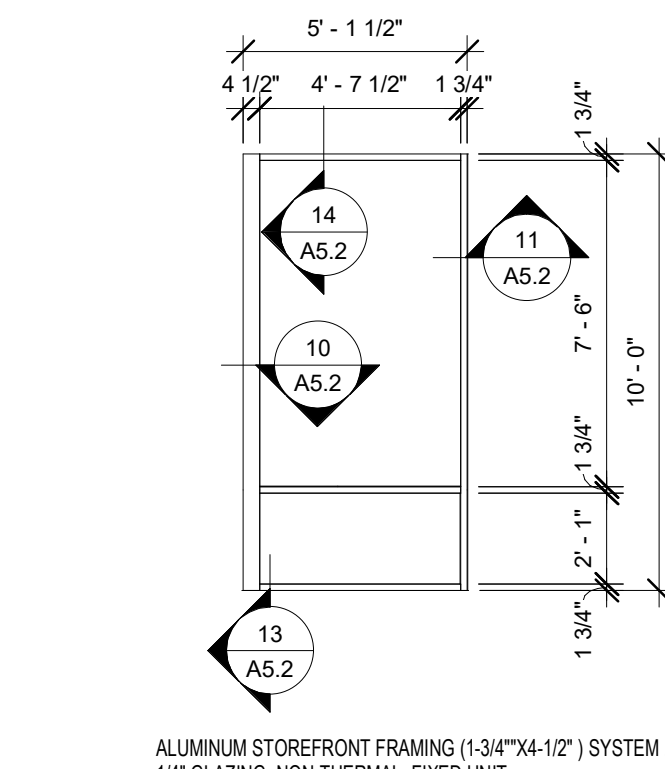
14 STOREFRONT HEAD DETAIL
1 1/2" = 1'-0"



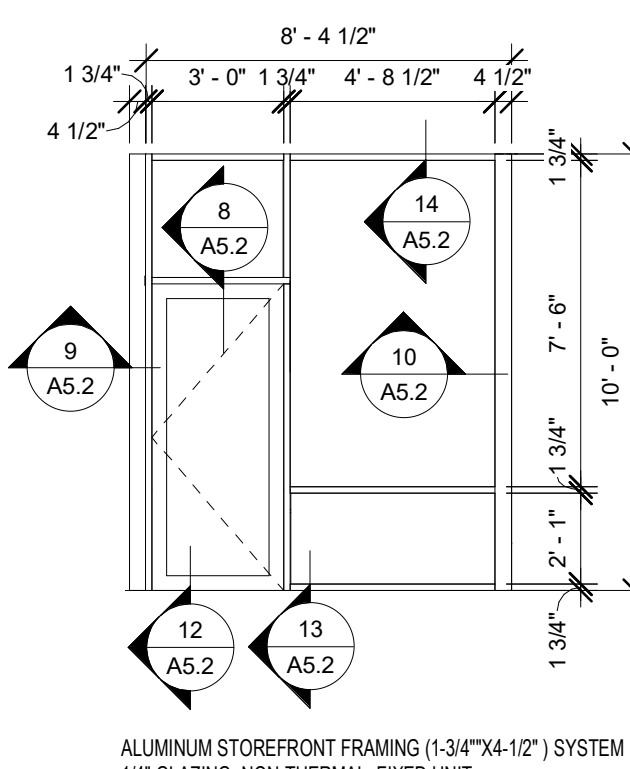
6 STOREFRONT ELEVATION
1/4" = 1'-0"



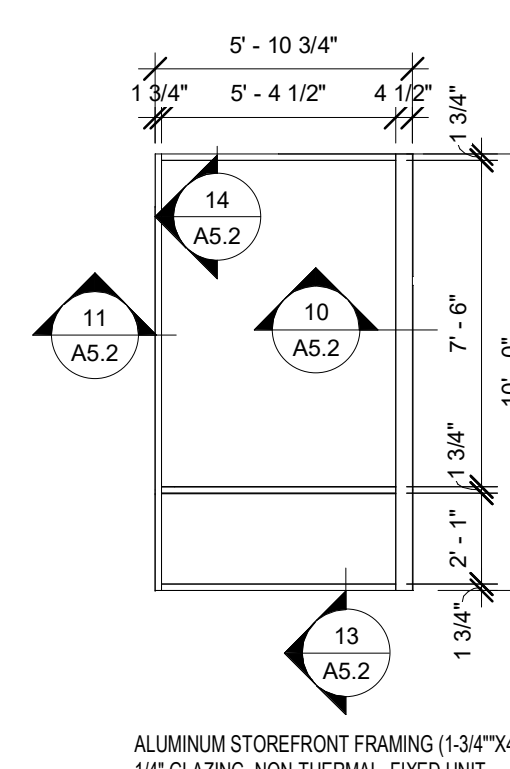
1 ENLARGED VESTIBULE FLOOR PLAN
3/8" = 1'-0"



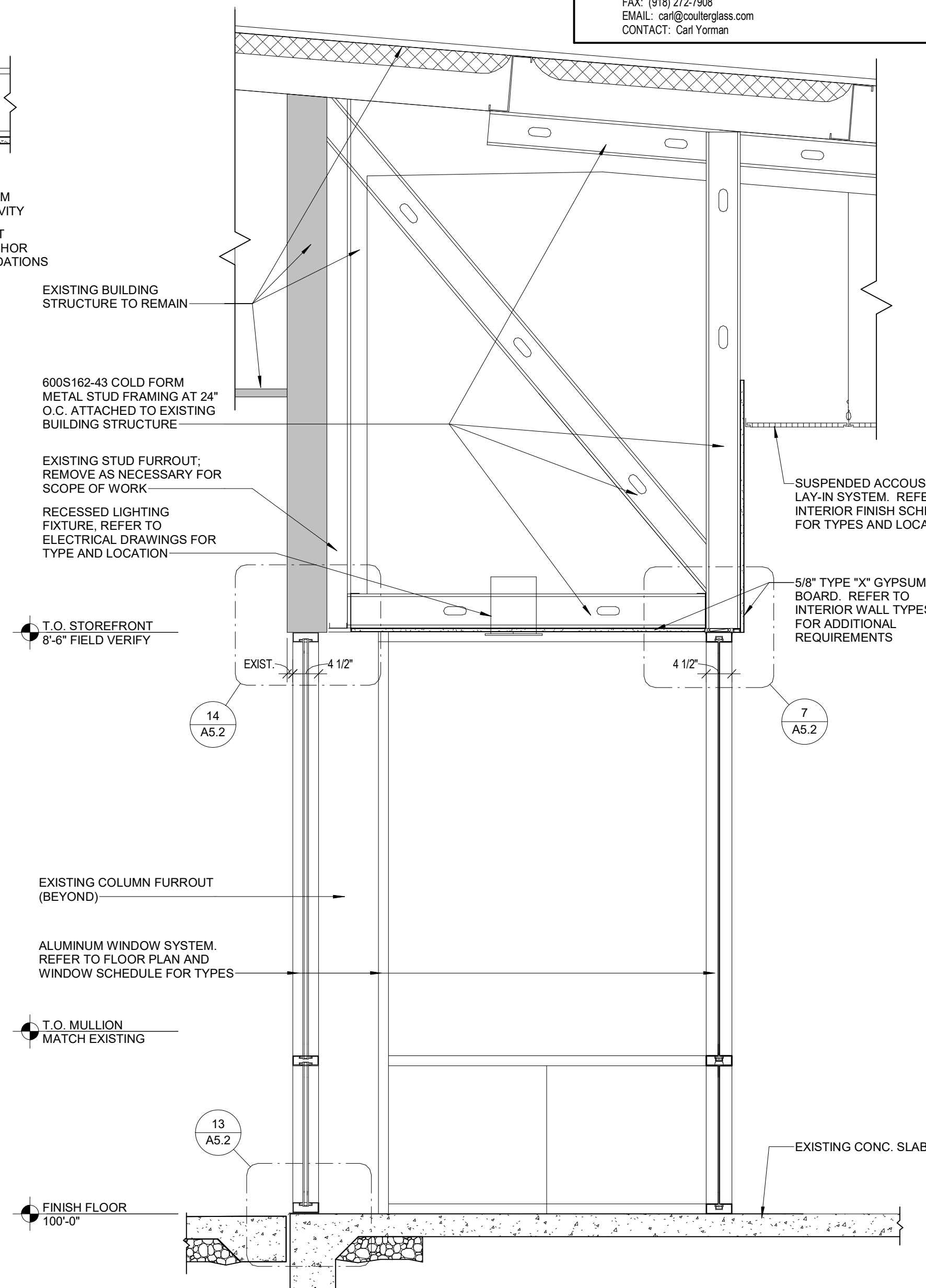
2 VESTIBULE ELEVATION
1/4" = 1'-0"



3 VESTIBULE ELEVATION
1/4" = 1'-0"



4 VESTIBULE ELEVATION
1/4" = 1'-0"



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

GENERAL NOTES	
A.	REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
B.	REFER TO BUILDING CODE SUMMARY FOR PROJECT STRUCTURAL DESIGN CRITERIA. WINDOW FRAMING AND ANCHORING SYSTEMS SHALL BE DESIGNED BY MANUFACTURER TO CONFORM TO PERFORMANCE AND TESTING REQUIREMENTS SPECIFIED.
C.	REFER TO FLOOR PLAN, ELEVATIONS, AND SECTIONS FOR ADDITIONAL REQUIREMENTS.
D.	WINDOW TYPE ELEVATIONS SHOWN VIEWED FROM EXTERIOR SIDE.
E.	REFER TO EXTERIOR FINISH SCHEDULES FOR ALUMINUM WINDOW FRAMING COLORS. PERIMETER SEALANT COLOR TO MATCH WINDOW FRAMING COLOR UNLESS OTHERWISE INDICATED.
F.	ALL DIMENSIONS TO ROUGH FACE OF FRAMING UNLESS OTHERWISE INDICATED. FIELD VERIFY FINAL ROUGH OPENINGS PRIOR TO FABRICATION.
G.	REFER TO DOOR AND HARDWARE SCHEDULES FOR ADDITIONAL REQUIREMENTS.
H.	SECURITY SHUTTERS MAY BE REQUIRED. CONTACT PROJECT ADMINISTRATOR FOR VERIFICATION. (REFER TO SCOPE OF WORK SCHEDULE). PROVIDE ADDITIONAL SUPPORT FRAMING SYSTEM AS REQUIRED.
I.	WHEN WIND SPEED IS EQUAL TO OR GREATER THAN 120 MPH, A STORM PANEL SYSTEM SHALL BE OWNER FURNISHED AND INSTALLED. CONTACT PROJECT ADMINISTRATOR TO VERIFY AND COORDINATE WITH SYSTEM PROVIDED BY OTHERS. (REFER TO SCOPE OF WORK SCHEDULE). PROVIDE ADDITIONAL SUPPORT FRAMING SYSTEM AS REQUIRED.
J.	CONTRACTOR'S OPTION TO DIRECT ORDER AND PURCHASE WINDOW FRAMING SYSTEM AND GLAZING FROM THE FOLLOWING SUPPLIER (REFER TO SCOPE OF WORK SCHEDULE):
COUTLER & COMPANY 13711 E. 80TH ST. N. OWASSO, OK 74055 PHONE: (918) 272-4484 FAX: (918) 272-7906 EMAIL: cca@coulterglass.com CONTACT: Carl Yorman	



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PROJECT: REMODEL O'REILLY AUTO PARTS STORE
1101 N. ILLINOIS ST.
HARRISBURG, ARKANSAS

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DRAWN BY: CM
CHECKED BY: JS

DATE:
04/19/2021

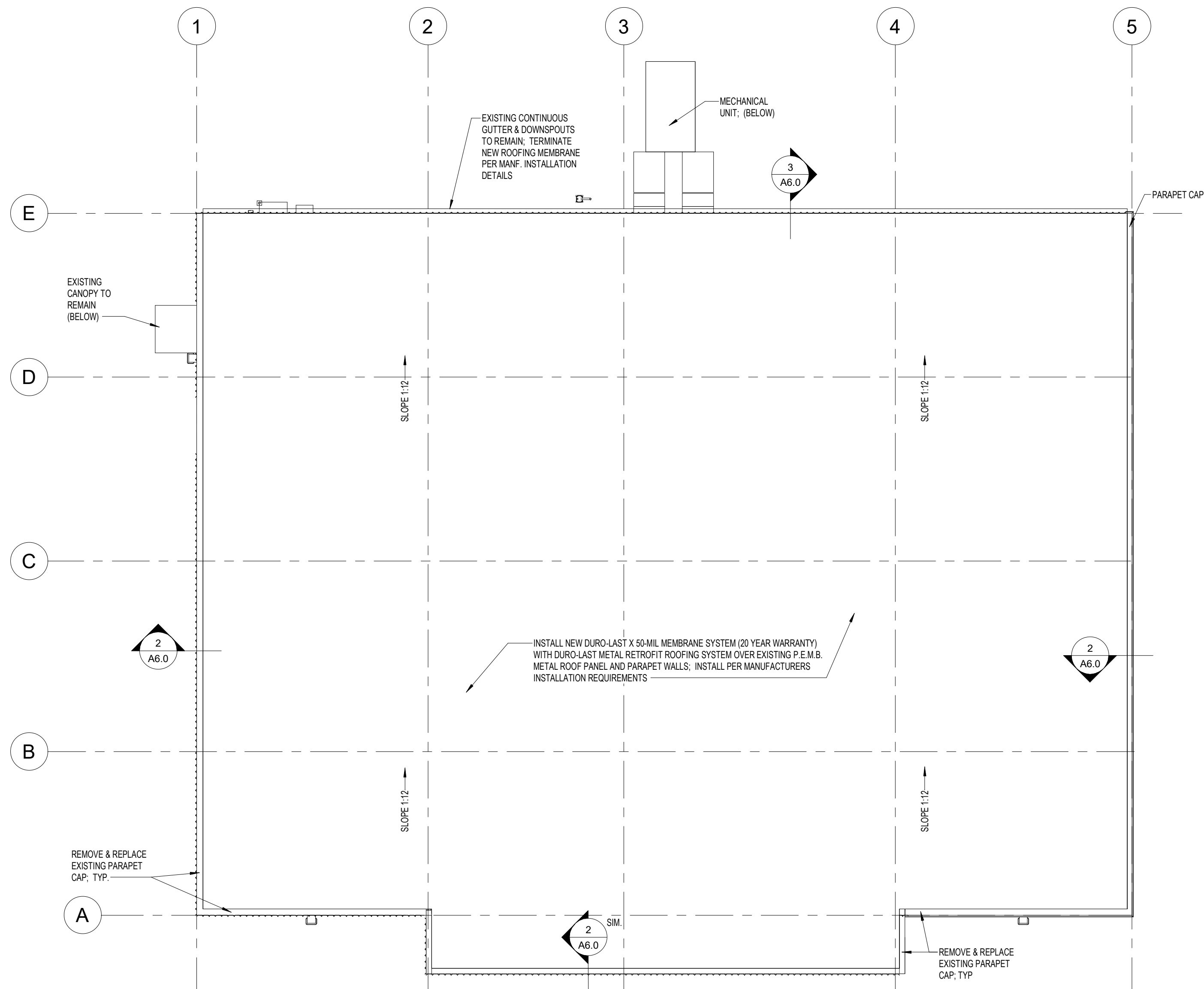
REVISION:
ADD #1 06.09.2021

PROJECT NUMBER:
2021.0102

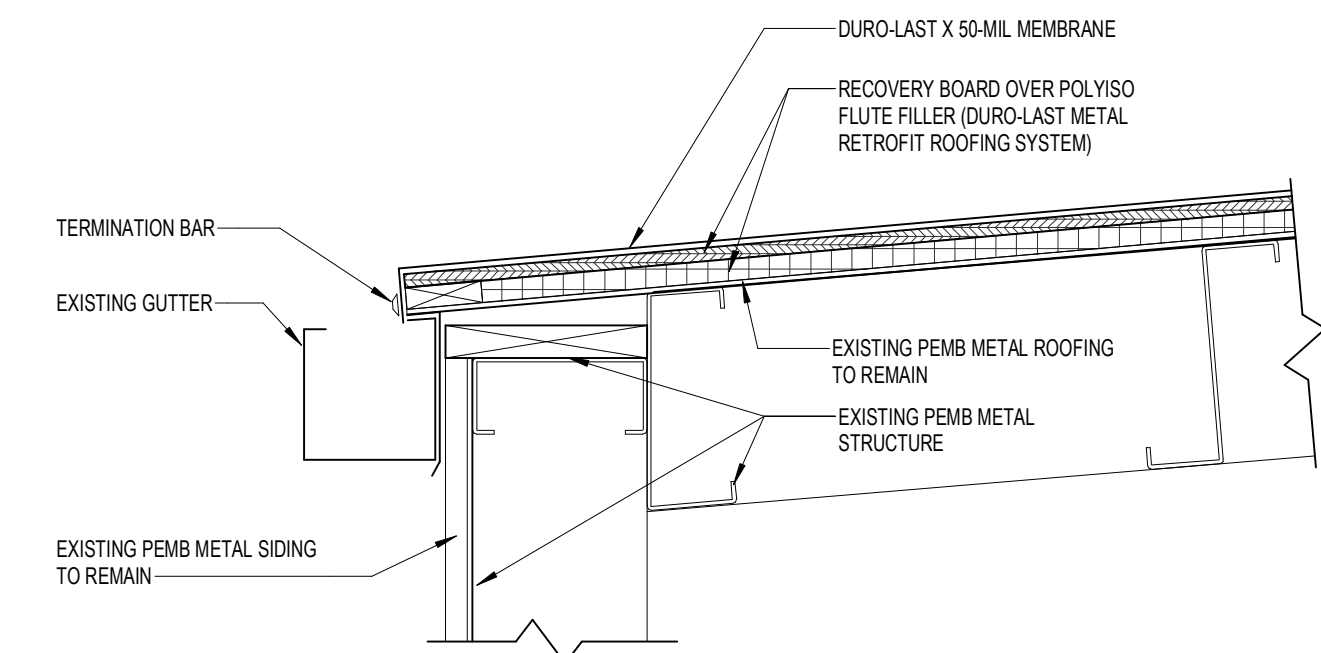
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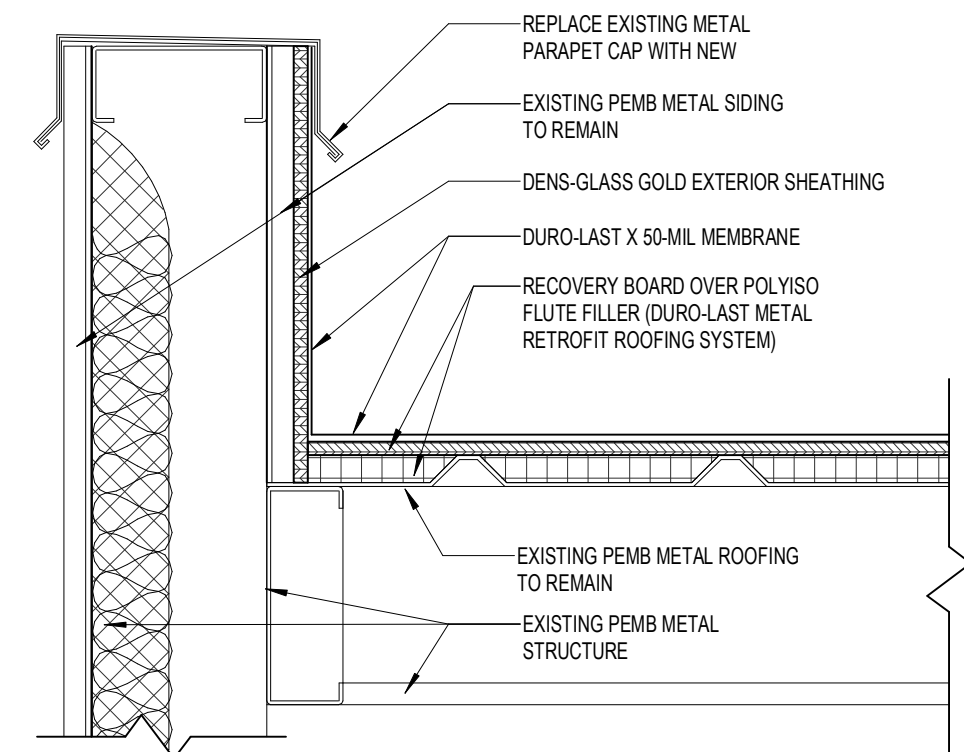
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1 ROOF PLAN
1/8" = 1'-0"



3 ROOFING DETAIL AT GUTTER
1 1/2" = 1'-0"



2 ROOFING DETAIL AT PARAPET
1 1/2" = 1'-0"



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Scott Joseph Broadbent
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PROJECT: REMODEL O'REILLY AUTO PARTS STORE
1101 N. ILLINOIS ST
HARRISBURG, ARKANSAS

ROOF PLAN AND DETAILS

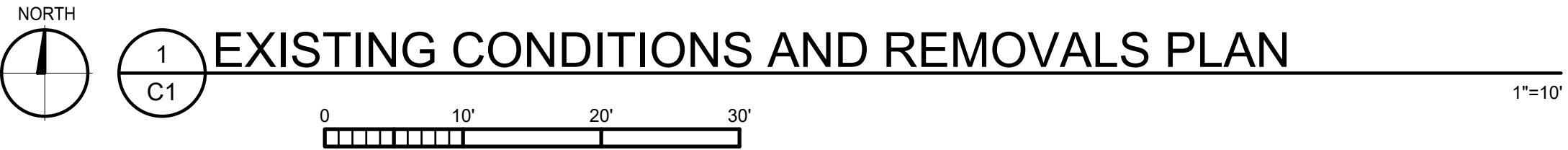
O'Reilly AUTO PARTS

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DRAWN BY: CM CHECKED BY: JS
DATE: 04/19/2021
REVISION:
PROJECT NUMBER: 2021.0102
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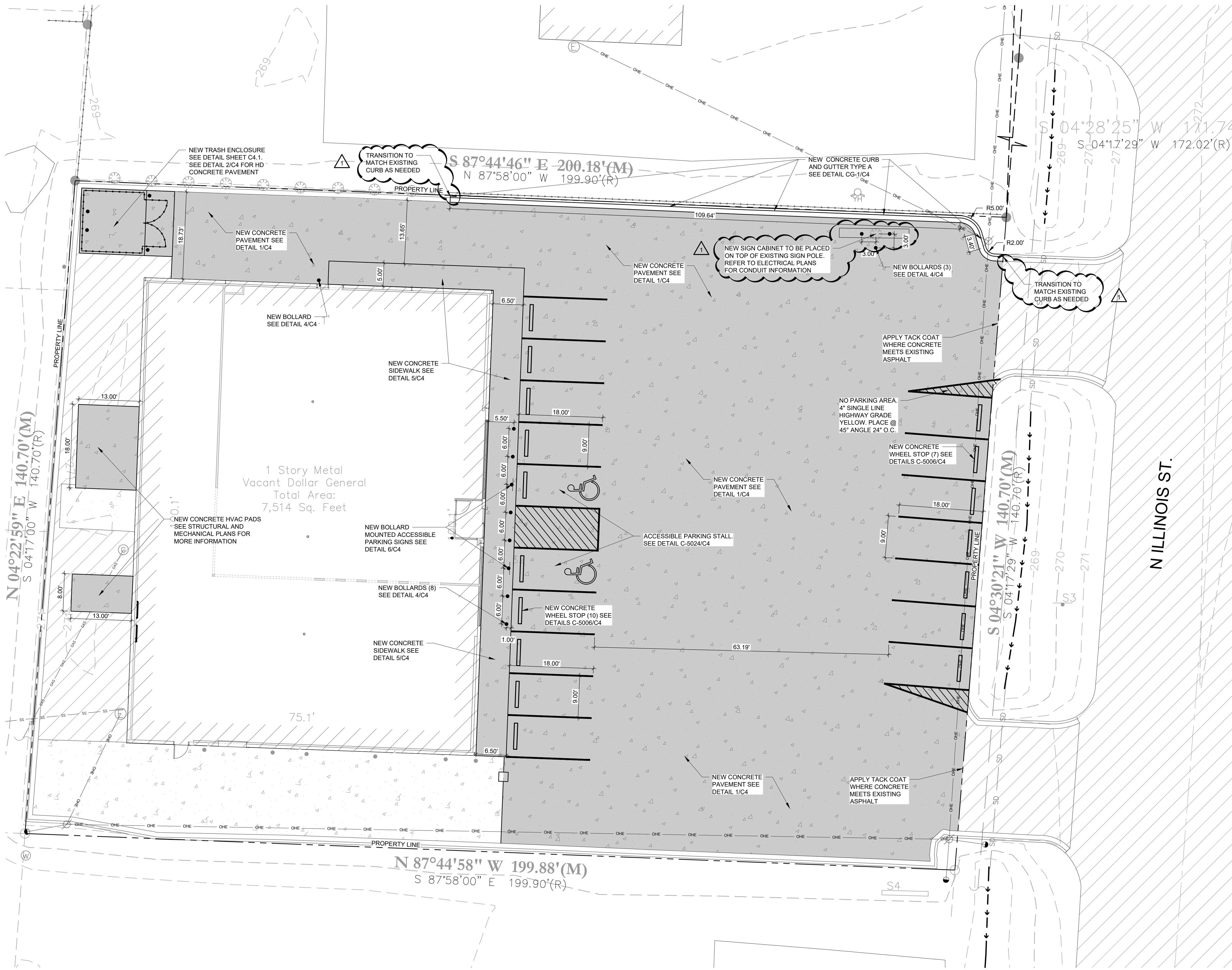
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SHEET NUMBER

C1



GENERAL NOTES

- ALL EXISTING INFORMATION TAKEN FROM SURVEY BY BLEW & ASSOCIATES, PA PROJECT NUMBER 21-0616, DATED 3/8/2021. BACKGROUND SURVEY ON THESE DRAWINGS IS FOR REFERENCE ONLY. REFER TO CERTIFIED SURVEY AS THE BASIS FOR ALL PROJECT WORK.
- SUBSURFACE GEOTECHNICAL INVESTIGATION HAS NOT BEEN PROVIDED AS TO DATE.
- CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS INCLUDING LOCATIONS OF EXISTING PUBLIC AND PRIVATE UTILITIES, AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO STARTING CONSTRUCTION.
- ALL EXISTING UTILITIES AND OTHER IMPROVEMENTS ARE TO REMAIN UNLESS NOTED OTHERWISE.
- CONTRACTOR TO KEEP FROM DAMAGE ALL EXISTING IMPROVEMENTS, LANDSCAPING, STRUCTURES AND UTILITIES THAT ARE TO REMAIN. CONTRACTOR TO REPAIR ANY DAMAGE AT OWN EXPENSE.
- ALL WORK TO CONFORM WITH CITY OF HARRISBURG AND STATE OF ARKANSAS STANDARDS AND REGULATIONS.
- ALL EXCAVATIONS MUST COMPLY WITH THE REQUIREMENTS OF OSHA 29 CFR, PART 1926, SUBPART P "EXCAVATIONS AND TRENCHES". THIS DOCUMENT STATES THAT EXCAVATION SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- PROVIDE TRAFFIC CONTROL AT STREETS AND SIDEWALKS PER CITY OF HARRISBURG AND MUTCD REQUIREMENTS. AS REQUIRED; TRAFFIC CONTROL DESIGN, RELATED PERMITTING, AND DRAWINGS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ANY WORK PERFORMED OUTSIDE THE PROPERTY BOUNDARIES MUST BE APPROVED BY OWNER AND ALL REGULATING GOVERNMENT AGENCIES AND APPROPRIATE PERMITS MUST BE OBTAINED.
- CONTRACTOR'S SURVEYOR SHALL RESET PERMANENT MONUMENTS AT LOCATIONS OF ALL FOUND MONUMENTS THAT ARE DISTURBED BY CONSTRUCTION. CONTRACTOR'S SURVEYOR SHALL PREPARE A MONUMENT PRESERVATION CERTIFICATE IN ACCORDANCE WITH STATE LAW.

UTILITY NOTES

- ALL UTILITY DEMOLITION AND/OR ABANDONMENT TO BE PERFORMED IN ACCORDANCE WITH CITY OF HARRISBURG AND STATE OF ARKANSAS REGULATIONS AND STANDARDS.
- EXISTING UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS. CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL EXISTING PUBLIC AND PRIVATE UTILITIES WHICH MAY INCLUDE BUT IS NOT LIMITED TO: ELECTRIC, TELEPHONE, GAS, CABLE TV, COMPUTER CABLE, FIBER OPTIC CABLE, SANITARY SEWER, STORM SEWER AND WATERMAIN. CONTRACTOR TO CONTACT 811 BEFORE EXCAVATING.
- REMOVE ALL SOILS AND SEDIMENTS TRACKED OR OTHERWISE DEPOSITED ONTO PUBLIC AND PRIVATE PAVEMENT AREAS. REMOVAL SHALL BE ON A DAILY BASIS THROUGHOUT THE DURATION OF THE CONSTRUCTION. CLEAN PAVED ROADWAYS BY SHOVELING OR SWEEPING. STREET WASHING IS ALLOWED ONLY AFTER SHOVELING OR SWEEPING HAS REMOVED SEDIMENT. SEE CITY OF HARRISBURG STANDARDS AND REGULATIONS.
- PROVIDE THE FOLLOWING MINIMUM COVER OVER THE TOP OF PIPE AS FOLLOWS:
A. 4' OVER WATERMAIN
B. 4' OVER SANITARY SEWER
C. 1.5' OVER STORM SEWER

LEGEND

- NEW CONCRETE PAVEMENT
- NEW CONCRETE CURB
- NEW BOLLARD / BOLLARD MOUNTED SIGN
- NEW WHEEL STOP
- NEW SIGN CABINET ON EXISTING POLE
- EXISTING CURB
- EXISTING OVERHEAD POWER LINE
- EXISTING STORM DRAIN LINE
- EXISTING SANITARY SEWER LINE
- EXISTING GAS LINE
- EXISTING FENCE LINE
- EXISTING FIBER OPTIC LINE
- EXISTING DRAINAGE PATH
- EXISTING FIRE HYDRANT
- EXISTING OLD POST
- EXISTING WATER METER
- EXISTING GAS METER
- EXISTING ELECTRICAL METER
- EXISTING POWER POLE
- EXISTING SANITARY MANHOLE
- EXISTING YARD HYDRANT
- EXISTING SIGN
- EXISTING ASPHALT PAVEMENT
- EXISTING CONCRETE PAVEMENT



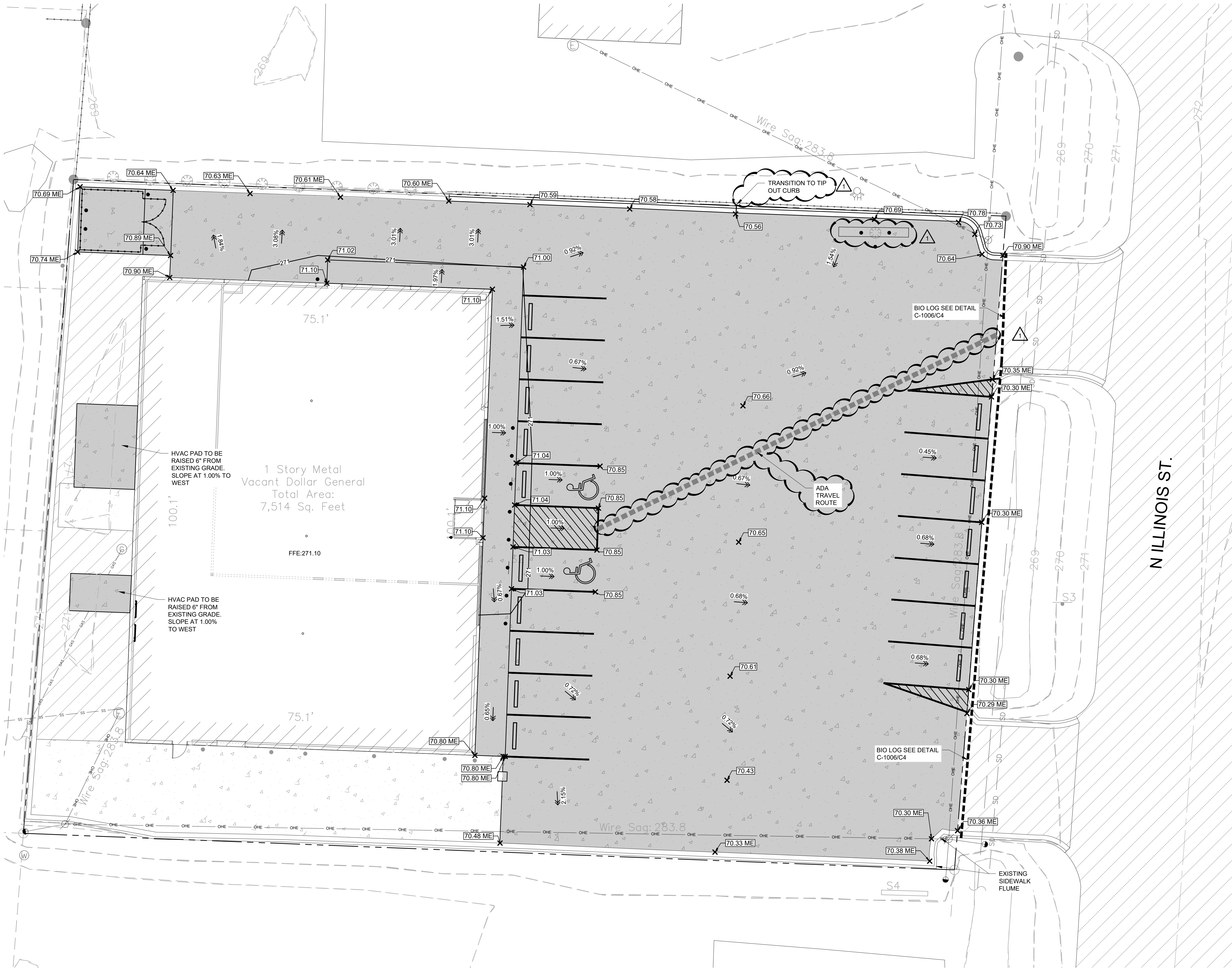
PROJECT:
NEW O'REILLY AUTO PARTS STORE
1101 N. ILLINOIS ST.
HARRISBURG, AR 72432
SITE PAVING PLAN



DRAWN BY:	CHECKED BY:
CMH/BTR	ARL
DATE:	04/26/2021
REVISION:	ADD#01 06/09/21
PROJECT NUMBER:	2119474-HRB
SHEET NUMBER:	C2

1 SITE PAVING PLAN





1
C3

GRADING, DRAINAGE, EROSION, AND SEDIMENT CONTROL PLAN



1"=30'

GENERAL NOTES

- ALL EXISTING INFORMATION TAKEN FROM SURVEY BY BLEW & ASSOCIATES, PA PROJECT NUMBER 21-0616, DATED 3/8/2021. BACKGROUND SURVEY ON THESE DRAWINGS IS FOR REFERENCE ONLY. REFER TO CERTIFIED SURVEY AS THE BASIS FOR ALL PROJECT WORK.
- SUBSURFACE GEOTECHNICAL INVESTIGATION HAS NOT BEEN PROVIDED AS TO DATE.
- CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS INCLUDING LOCATIONS OF EXISTING PUBLIC AND PRIVATE UTILITIES, AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO STARTING CONSTRUCTION.
- ALL EXISTING UTILITIES AND OTHER IMPROVEMENTS ARE TO REMAIN UNLESS NOTED OTHERWISE.
- CONTRACTOR TO KEEP FROM DAMAGE ALL EXISTING IMPROVEMENTS, LANDSCAPING, STRUCTURES AND UTILITIES THAT ARE TO REMAIN. CONTRACTOR TO REPAIR ANY DAMAGE AT OWN EXPENSE.
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- PROVIDE TRAFFIC CONTROL AT STREETS AND SIDEWALKS PER CITY OF HARRISBURG AND MUTCD REQUIREMENTS. AS REQUIRED; TRAFFIC CONTROL DESIGN, RELATED PERMITTING, AND DRAWINGS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ANY WORK PERFORMED OUTSIDE THE PROPERTY BOUNDARIES MUST BE APPROVED BY OWNER AND ALL REGULATING GOVERNMENT AGENCIES AND APPROPRIATE PERMITS MUST BE OBTAINED.
- CONTRACTOR'S SURVEYOR SHALL RESET PERMANENT MONUMENTS AT LOCATIONS OF ALL FOUND MONUMENTS THAT ARE DISTURBED BY CONSTRUCTION. CONTRACTOR'S SURVEYOR SHALL PREPARE A MONUMENT PRESERVATION CERTIFICATE IN ACCORDANCE WITH STATE LAW.

GRADING NOTES

- PROPOSED SPOT ELEVATIONS AND CONTOURS ARE TO TOP OF GRADE, PAVEMENT OR GUTTER LINE, UNLESS OTHERWISE SPECIFIED.
- INSTALL PERIMETER AND SEDIMENT CONTROL ITEMS PRIOR TO CONSTRUCTION.
- RESTORATION REQUIREMENTS ARE SHOWN AT A MINIMUM. ADDITIONAL RESTORATION MAY BE REQUIRED IF THERE IS ADDITIONAL SOIL DISTURBANCE.

LEGEND

	NEW CONCRETE PAVEMENT
	NEW CONTOUR
	NEW SEDIMENT CONTROL LOG
	ADA TRAVEL ROUTE
	SPOT ELEVATION
	MATCH EXISTING SPOT ELEVATION
	DENOTES SURFACE DRAINAGE
	NEW SIGN CABINET ON EXISTING POLE
	EXISTING CONTOUR
	EXISTING CURB
	EXISTING ASPHALT PAVEMENT
	EXISTING CONCRETE PAVEMENT
	EXISTING FIBER OPTIC LINE
	EXISTING OVERHEAD POWER LINE
	EXISTING STORM DRAIN LINE
	EXISTING SANITARY SEWER LINE
	EXISTING GAS LINE
	EXISTING FENCE LINE
	EXISTING FIRE HYDRANT
	EXISTING OLD POST
	EXISTING WATER METER
	EXISTING GAS METER
	EXISTING ELECTRICAL METER
	EXISTING POWER POLE
	EXISTING SANITARY MANHOLE
	EXISTING YARD HYDRANT
	EXISTING SIGN



PROJECT:
NEW O'REILLY AUTO PARTS STORE
1101 N. ILLINOIS ST.
HARRISBURG, AR 72432

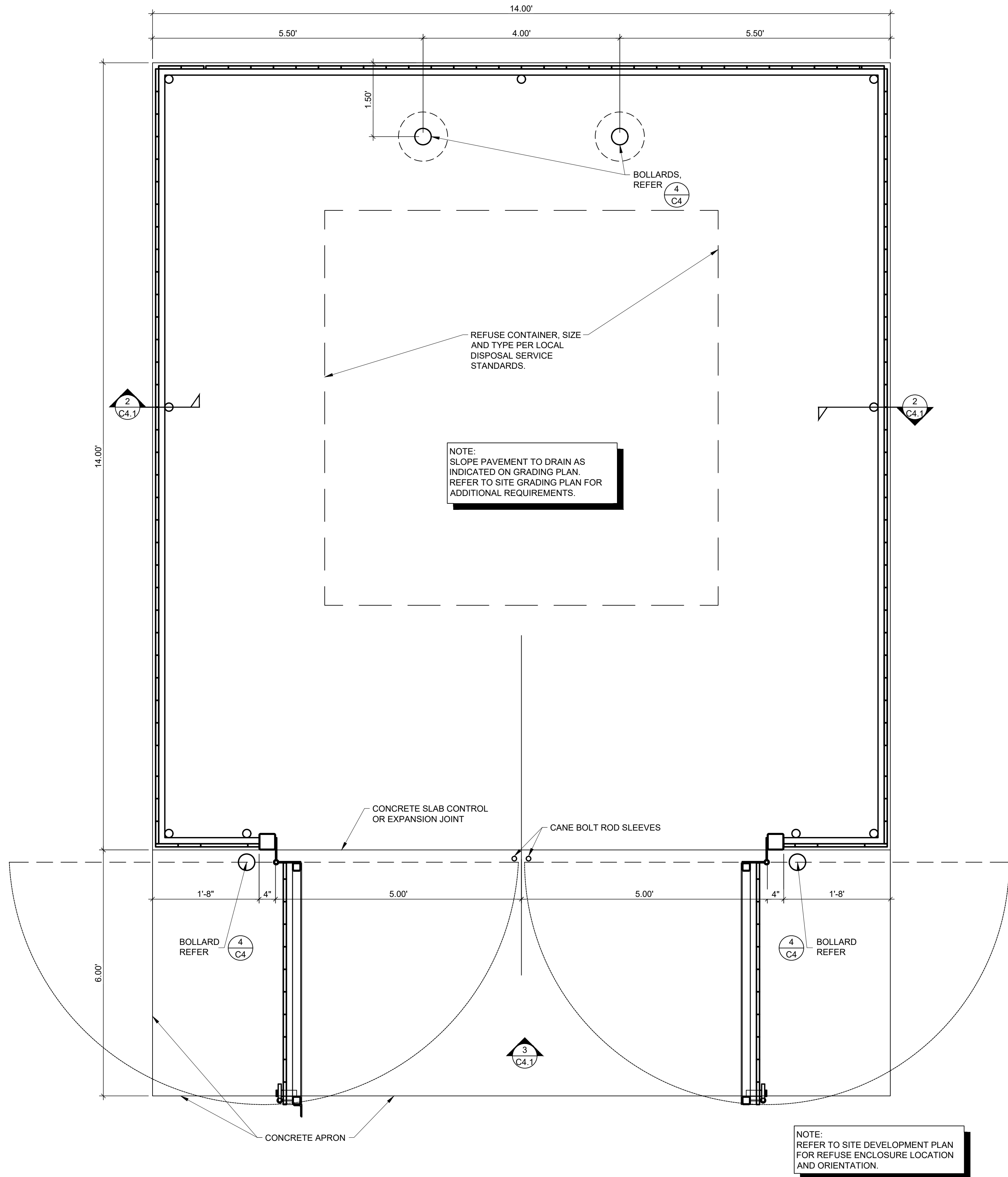
GRADING, DRAINAGE, EROSION, AND SEDIMENT CONTROL PLAN



CORPORATE OFFICES
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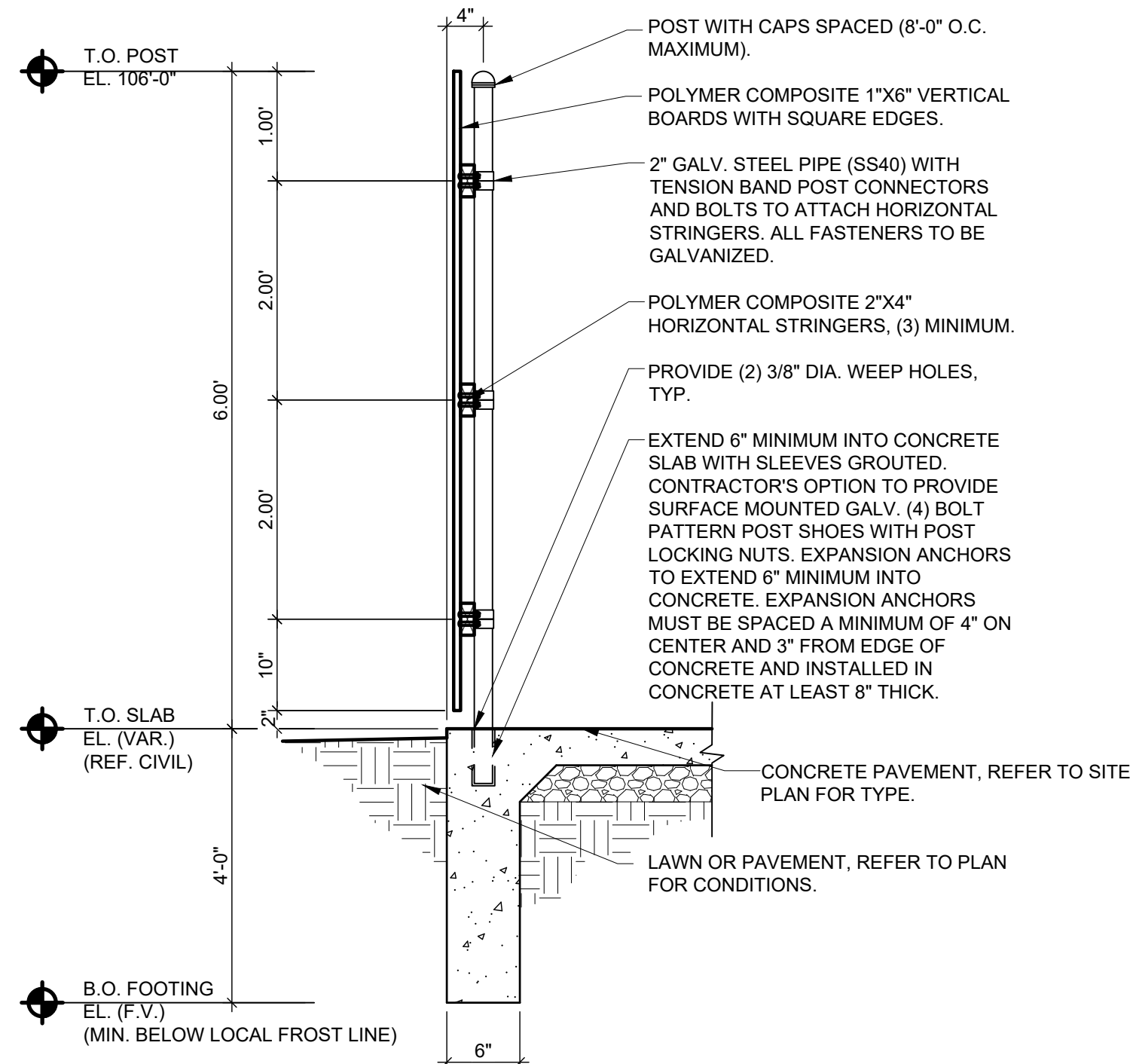
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CHECKED BY:	ARL
DATE:	04/26/2021
REVISION:	
ADD#01 06/09/21	
PROJECT NUMBER:	2119474-HRB

SHEET NUMBER
C3



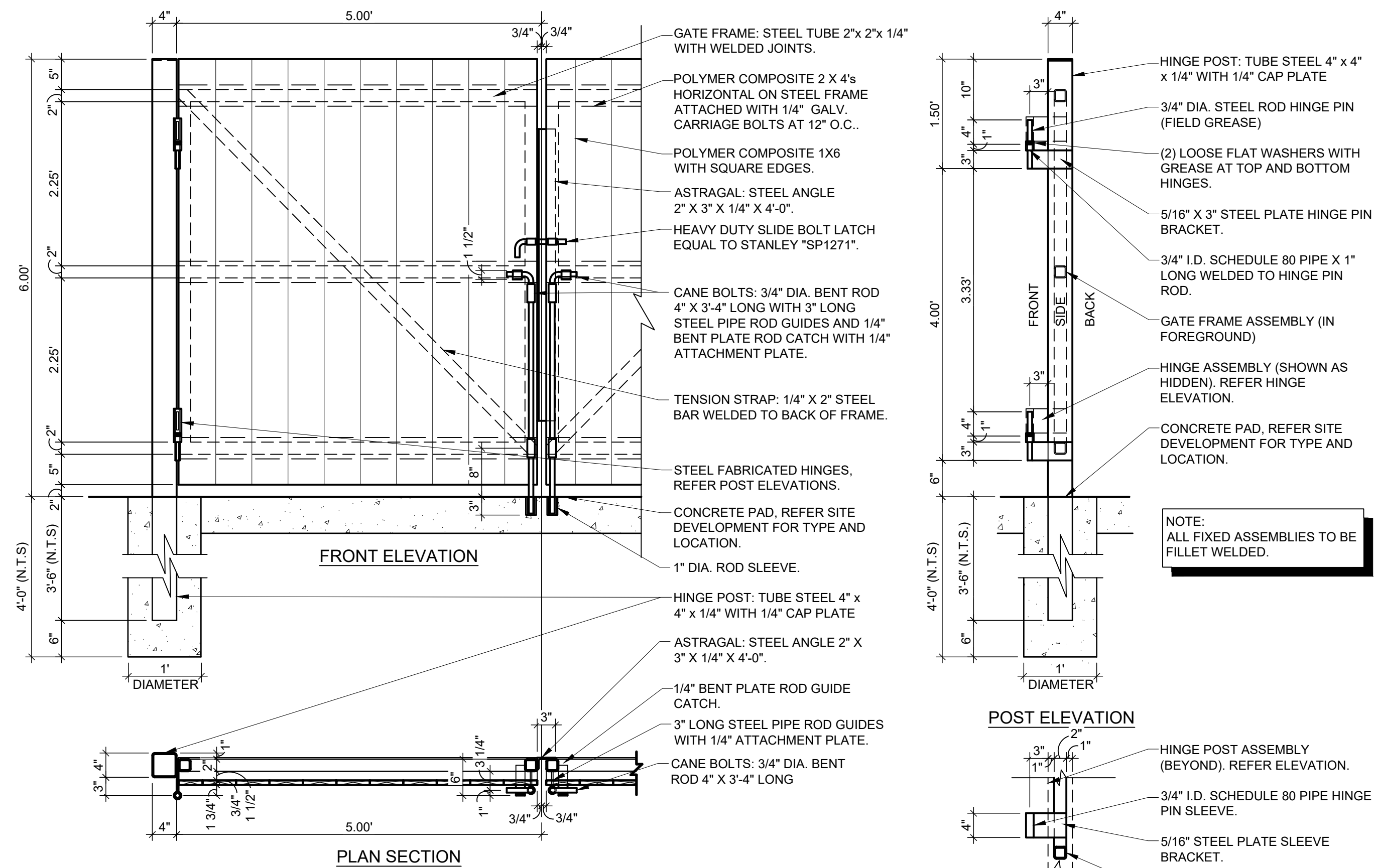
1 POLYMER COMPOSITE MATERIAL SCREEN FENCE REFUSE ENCLOSURE PLAN

C4.1 SCALE: NTS



2 SCREEN FENCE SECTION

C4.1 SCALE: NTS



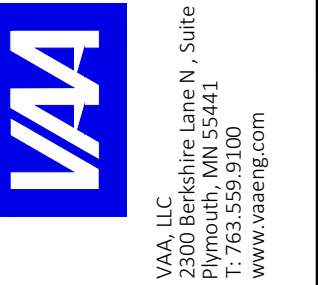
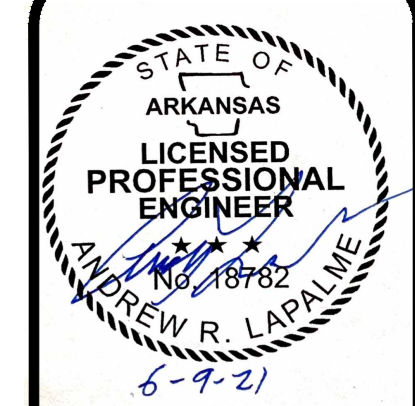
3 SCREEN FENCE GATE DETAILS

C4.1 SCALE: NTS

GENERAL NOTES

- A** REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- B** DIMENSIONS ARE TO ROUGH FACE OF CONCRETE, FRAMING, OR CENTER LINE OF STRUCTURE UNLESS OTHERWISE INDICATED.
- C** REFER TO CIVIL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- D** REFER TO ARCHITECTURAL EXTERIOR FINISH SCHEDULE FOR MATERIAL TYPES, COLORS, AND FINISHES. UNLESS OTHERWISE INDICATED PROVIDE FINISHES AS FOLLOWS:

1. ALL NON-GALVANIZED METAL PARTS TO BE PRIMED AND PAINTED (2) COATS SHERWIN WILLIAMS SW6468 "HUNT CLUB".
2. POLYMER COMPOSITE MATERIAL COLOR TO BE EQUAL TO FIBERON "COASTAL CEDAR", "JATوبا", OR "CEDAR". FINAL COLOR TO BE SELECTED FROM MANUFACTURER'S STANDARD SAMPLES.



PROJECT:
NEW O'REILLY AUTO PARTS STORE
1101 N. ILLINOIS ST.
HARRISBURG, AR 72432

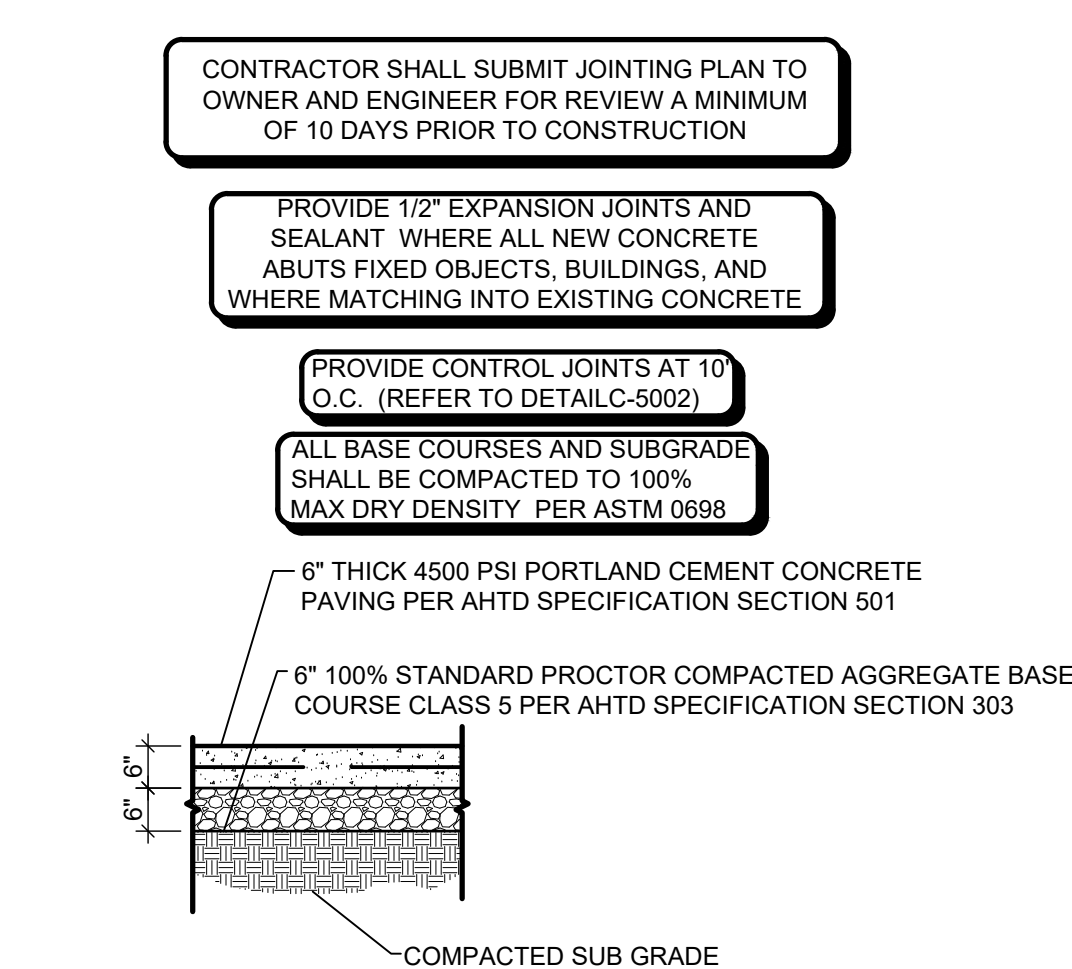
CIVIL DETAILS

O'Reilly AUTO PARTS

CORPORATE OFFICES
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SPRINGFIELD, MISSOURI 65802
(417) 862-2674 TELEPHONE

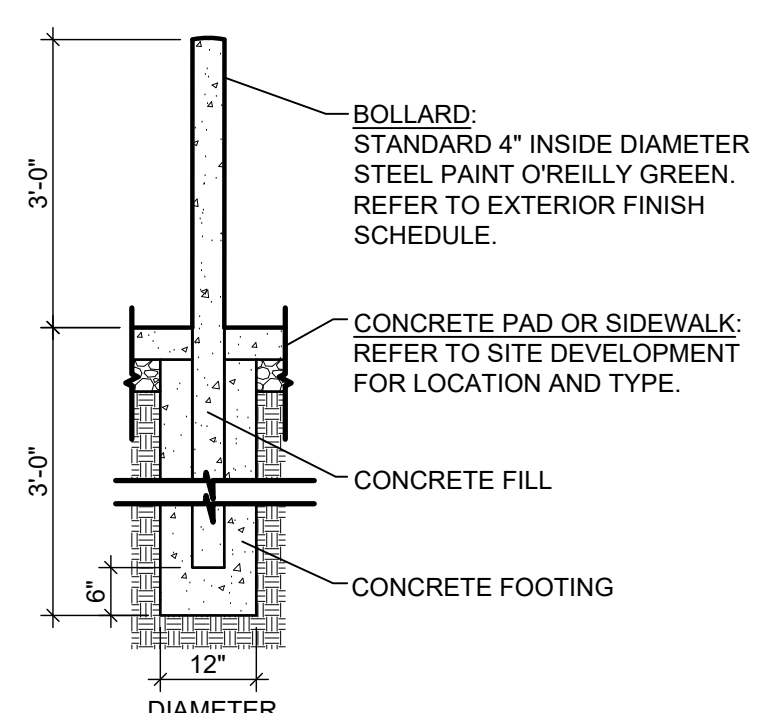
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ADD#01 06/09/21
PROJECT NUMBER:
2119474-HRB

SHEET NUMBER
C4.1



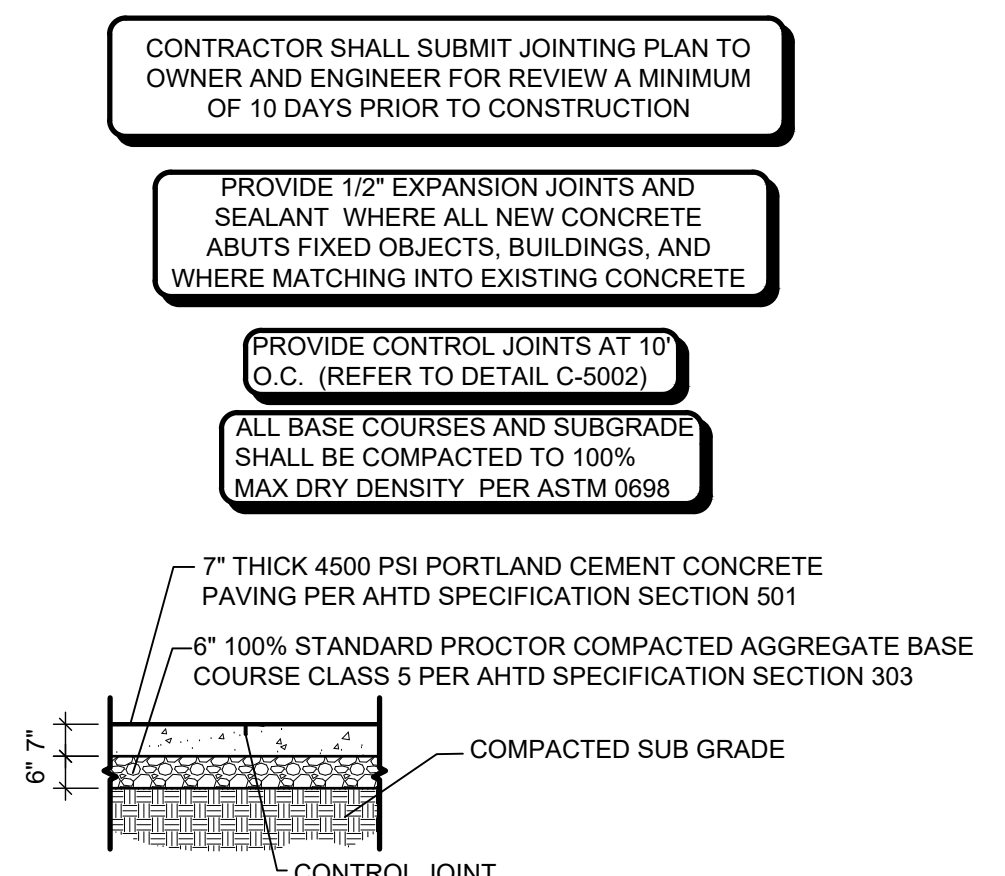
1 CONCRETE PAVING SECTION

C4 SCALE: N.T.S.



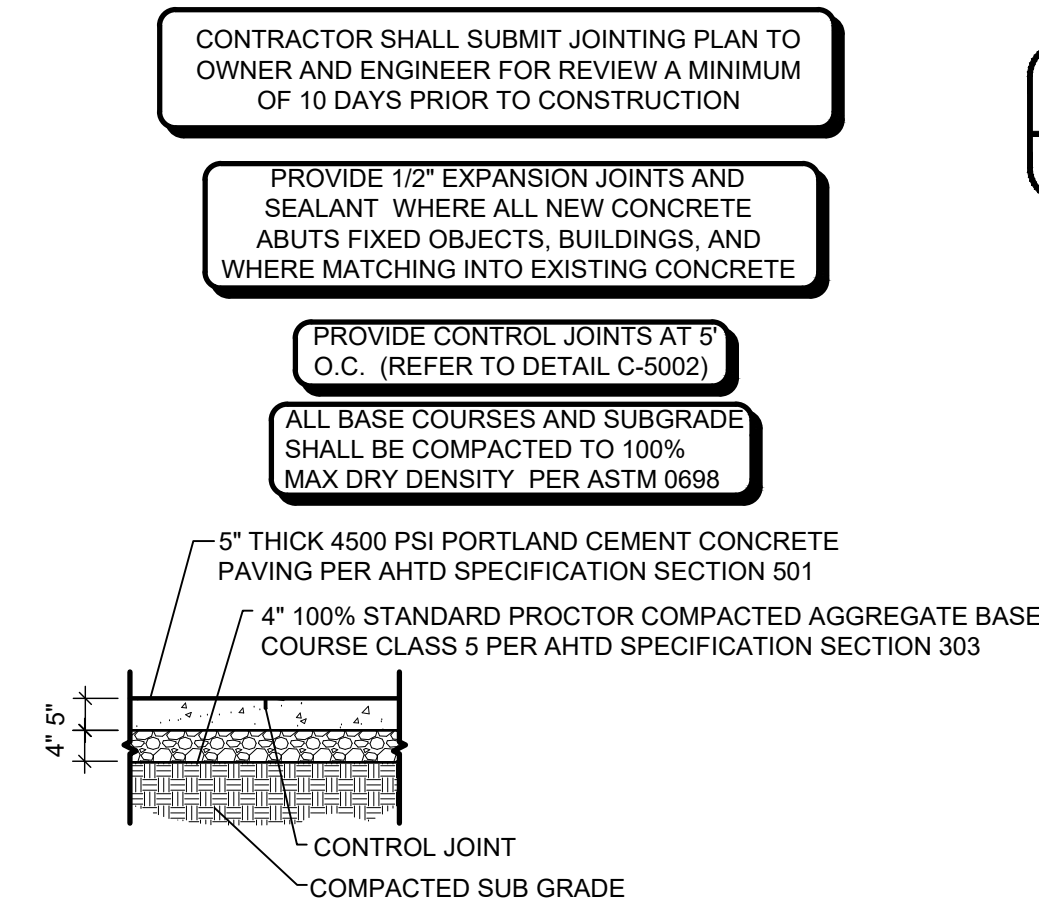
4 STEEL BOLLARD SECTION

C4 SCALE: N.T.S.



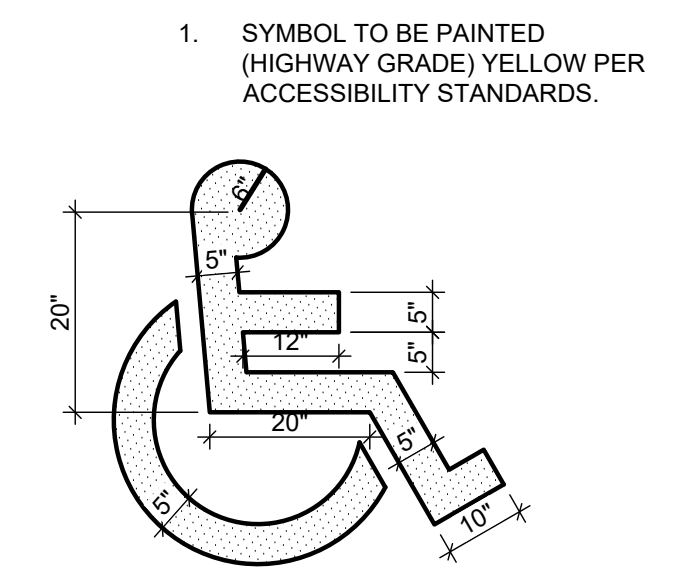
2 HD CONCRETE SECTION

C4 SCALE: N.T.S.



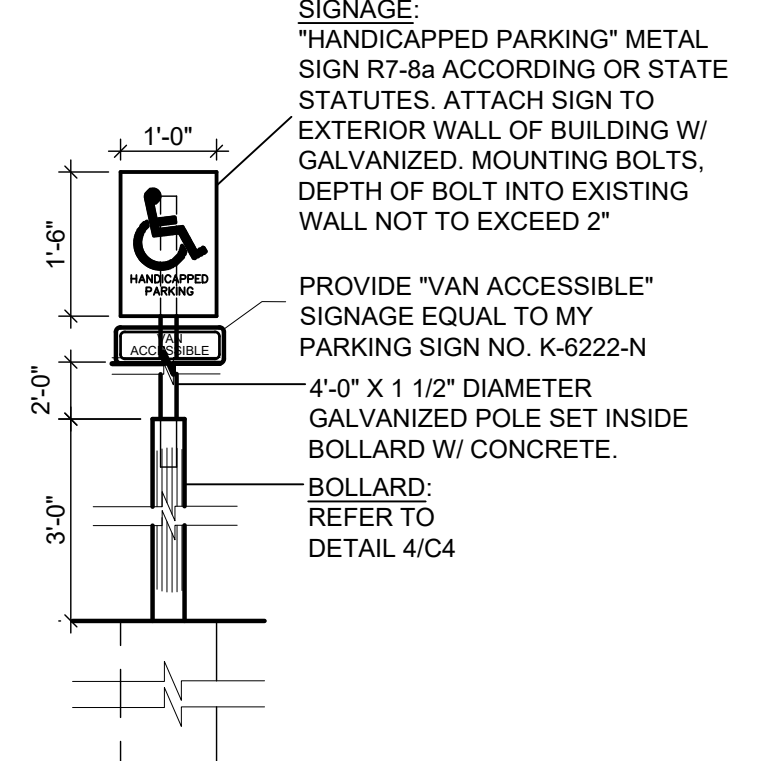
5 CONCRETE SIDEWALK SECTION

C4 SCALE: N.T.S.



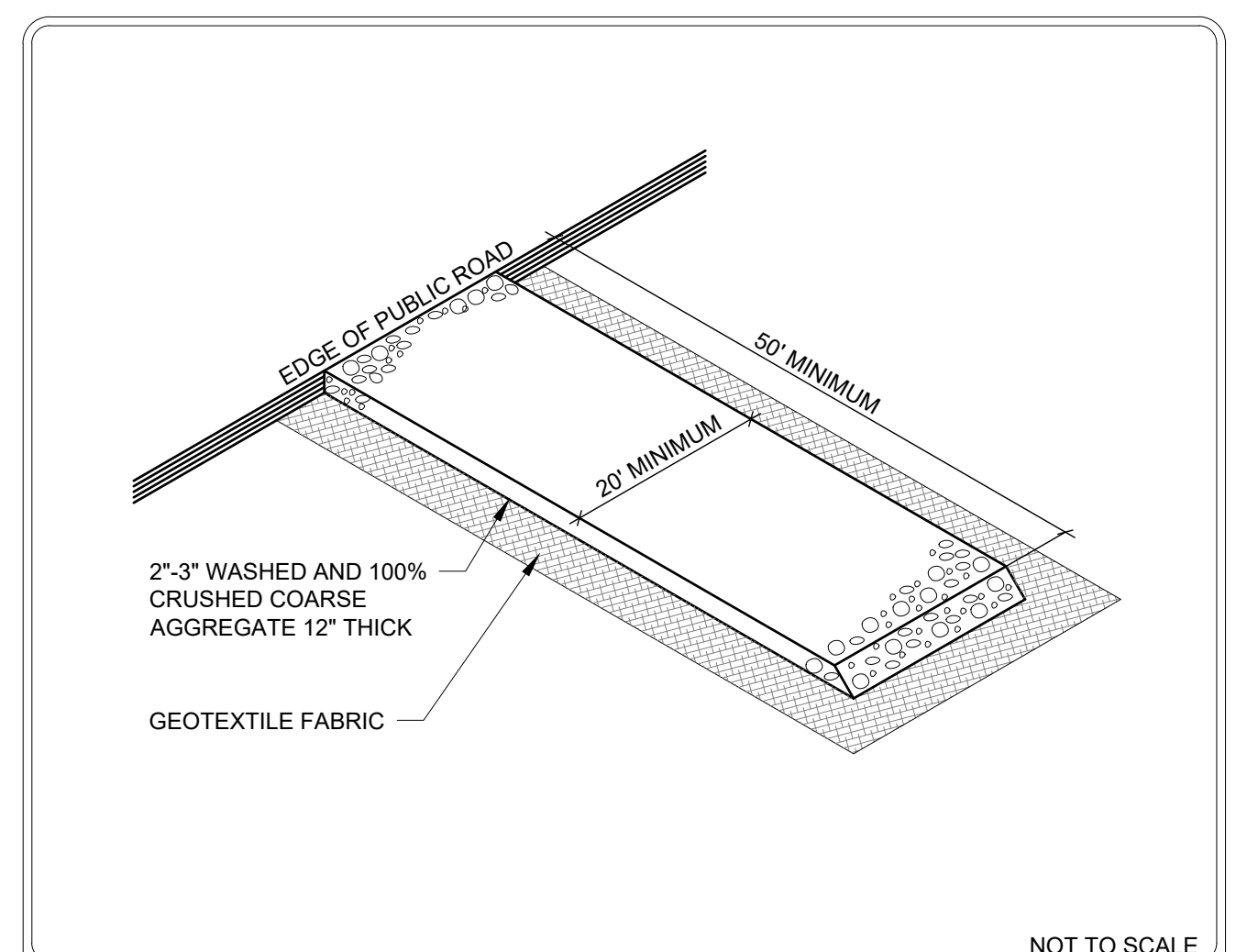
3 HANDICAP PARKING SYMBOL

C4 SCALE: N.T.S.



6 ACCESSIBLE PARKING SIGN

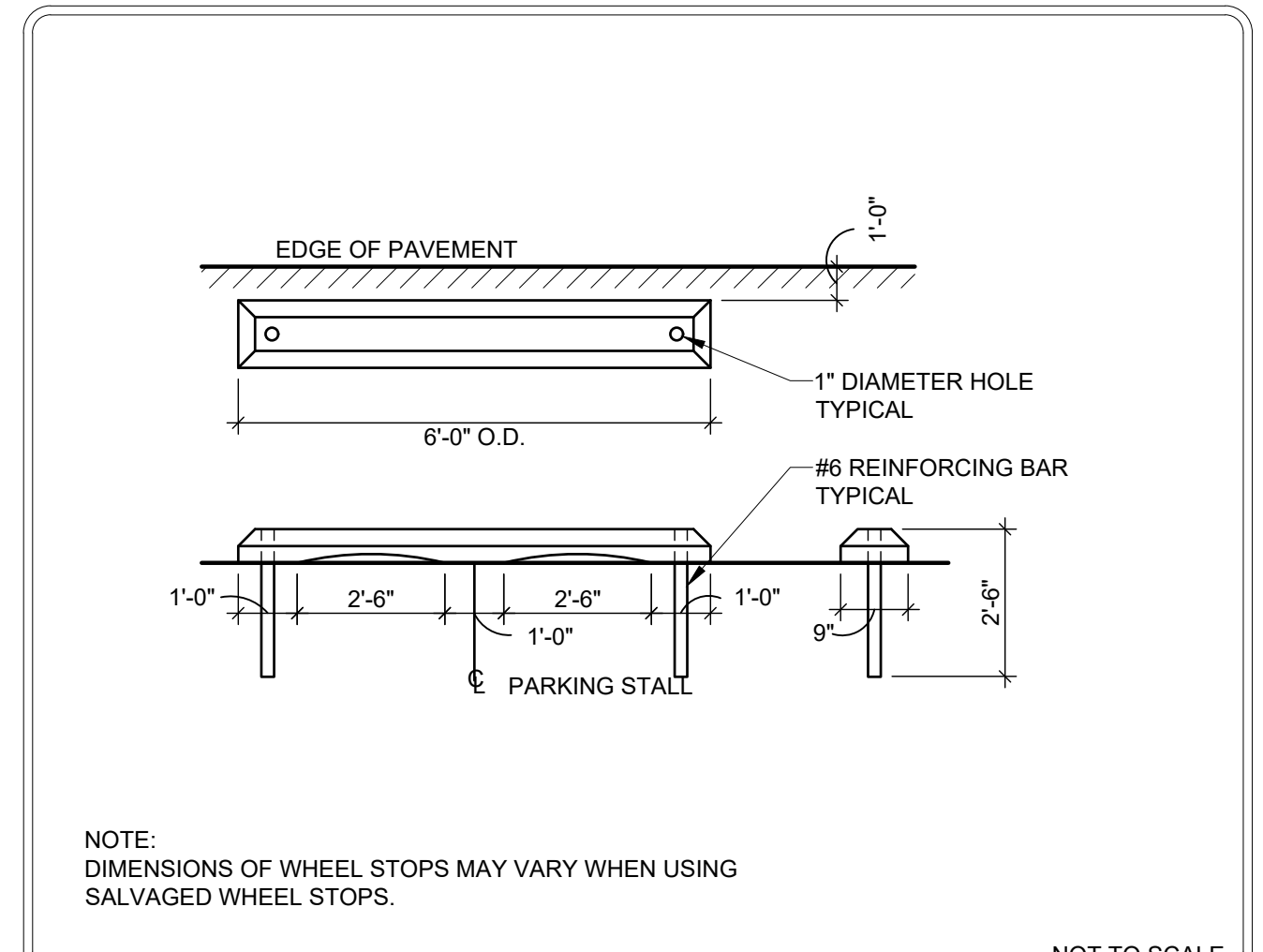
C4 SCALE: N.T.S.



ROCK CONSTRUCTION ENTRANCE DETAIL

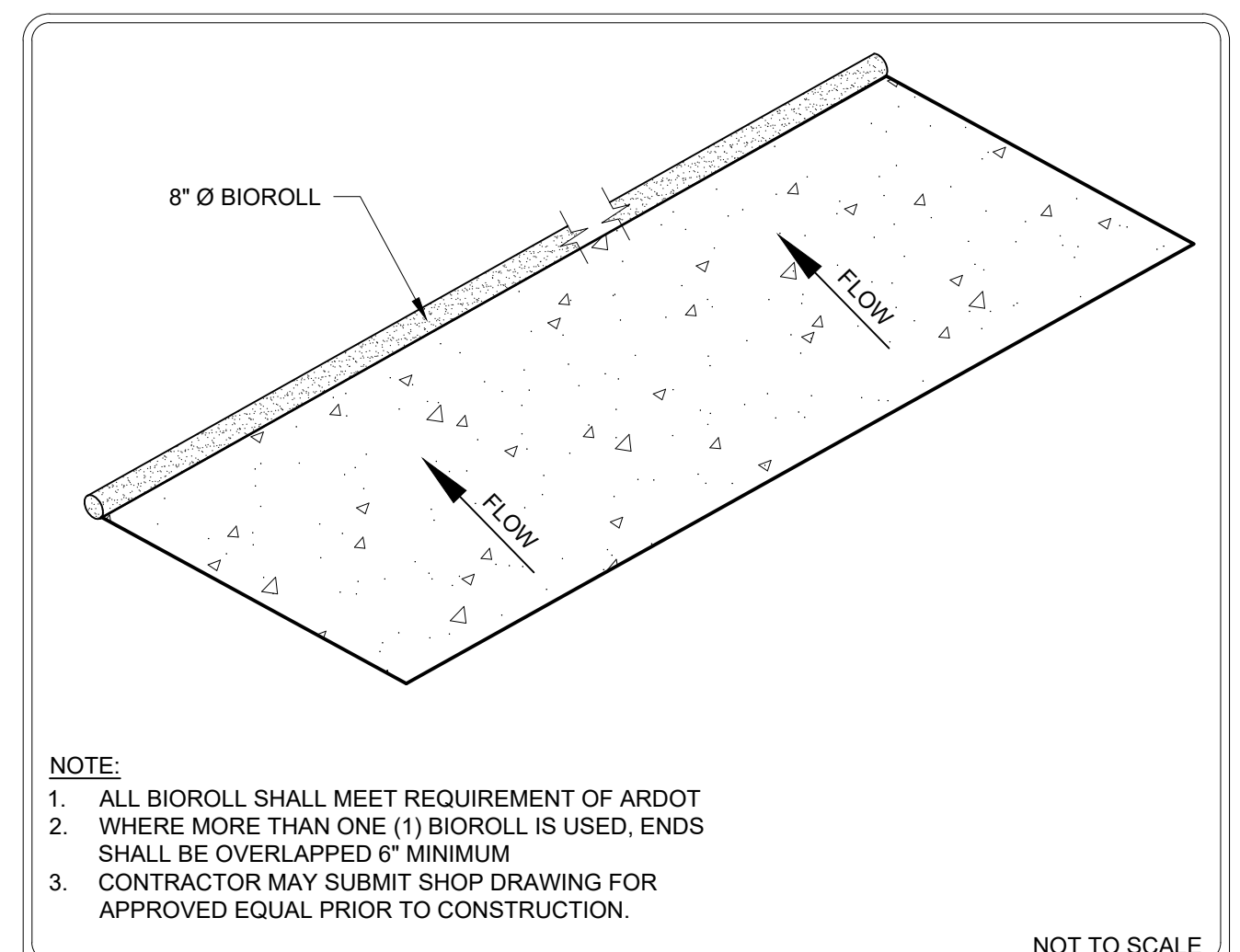
(NOT SHOWN ON PLAN CONTRACTOR TO FIELD FIT)

VAA PLATE NO. C-1005



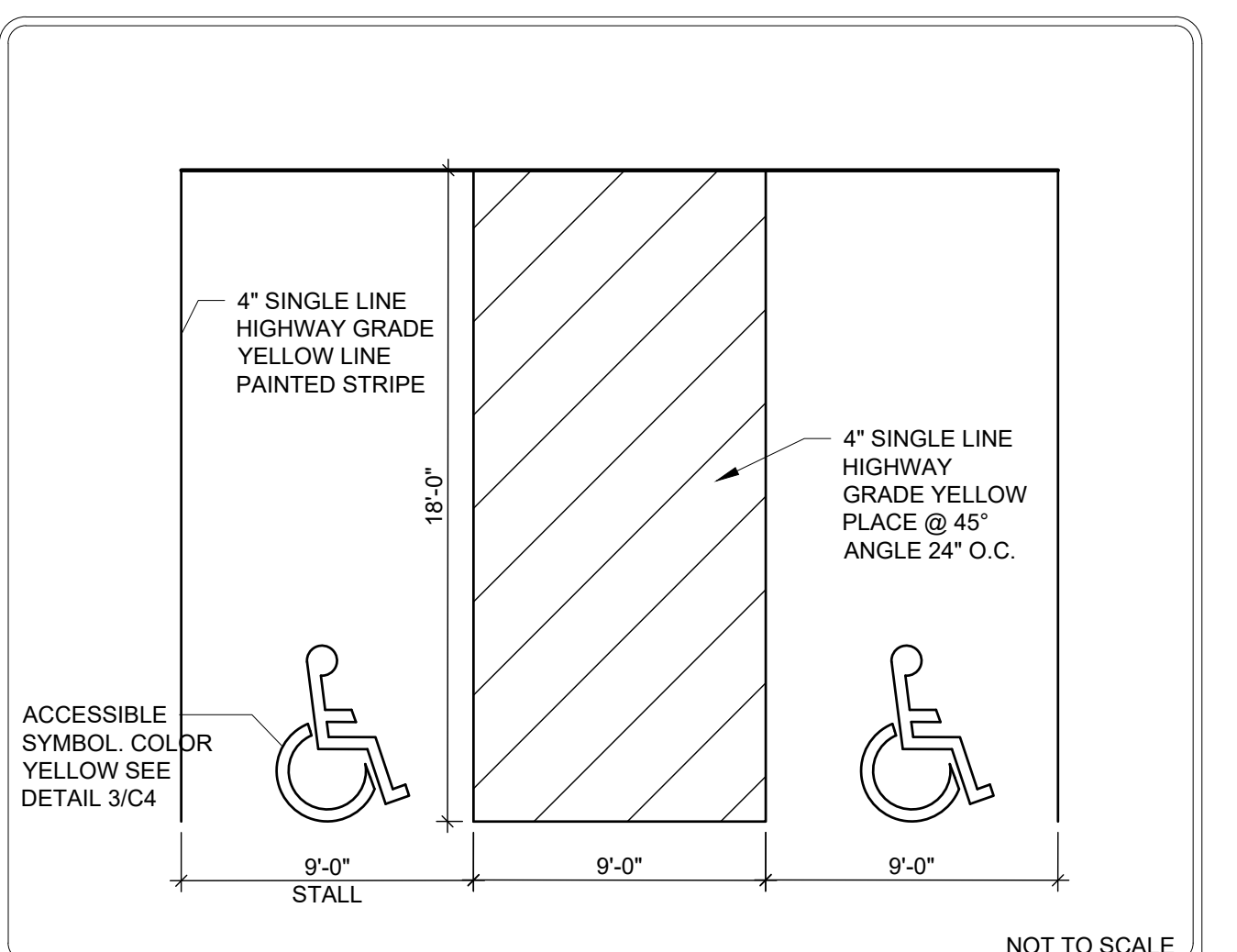
PRECAST CONCRETE WHEEL STOP

VAA PLATE NO. C-5006



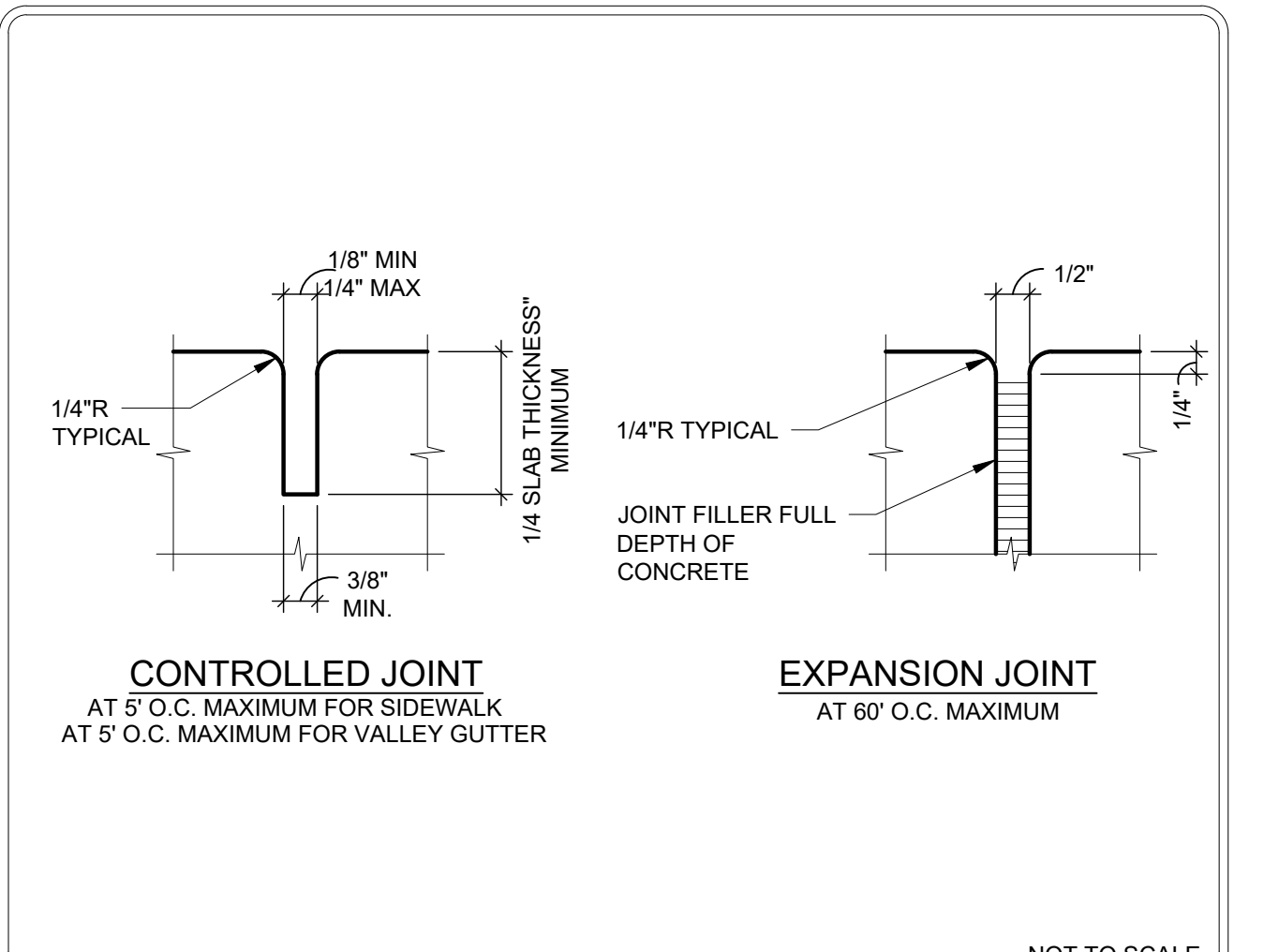
BIOROLL DETAIL (PERIMETER PROTECTION)

VAA PLATE NO. C-1006



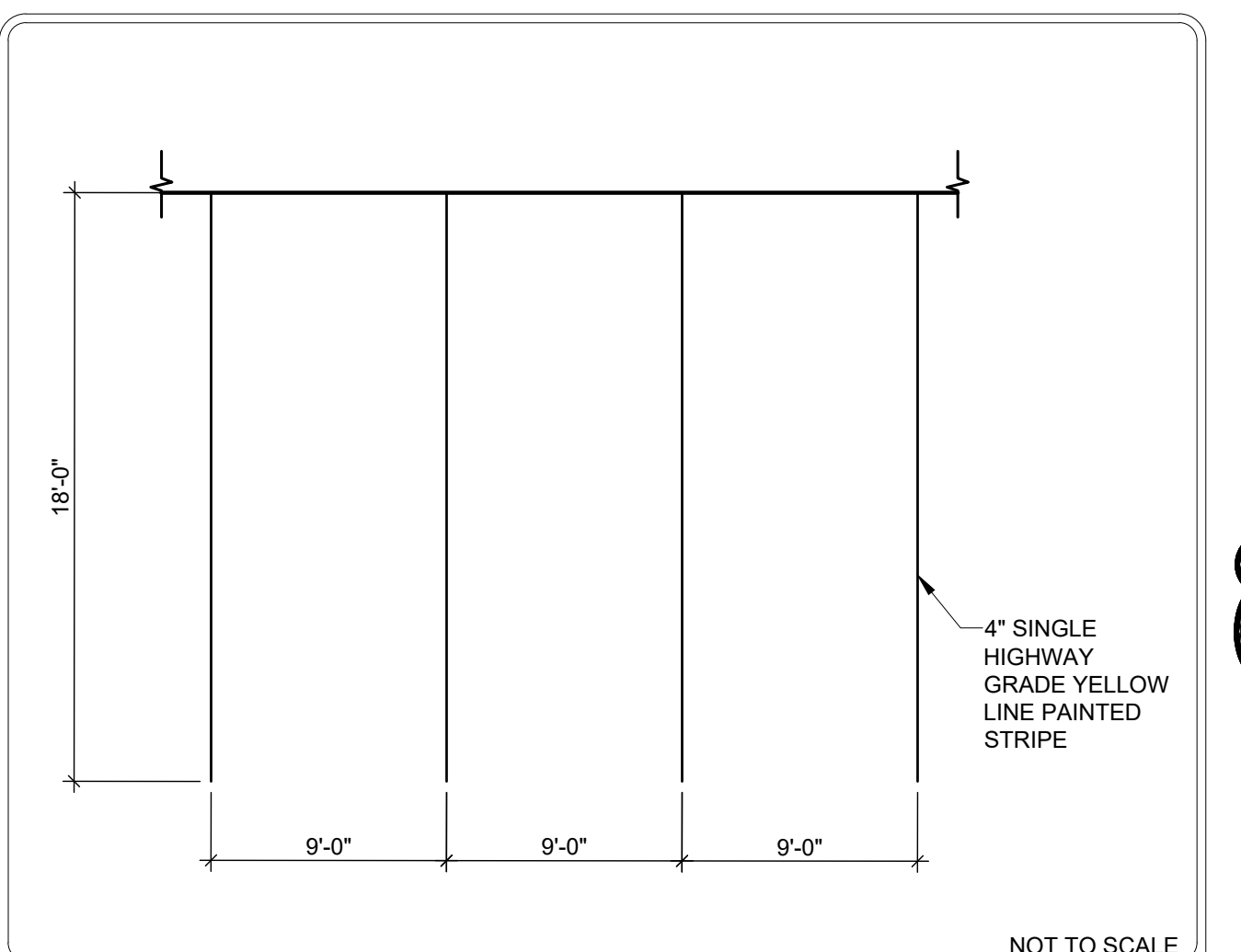
ACCESSIBLE PARKING STALL(S) DETAIL

VAA PLATE NO. C-5024



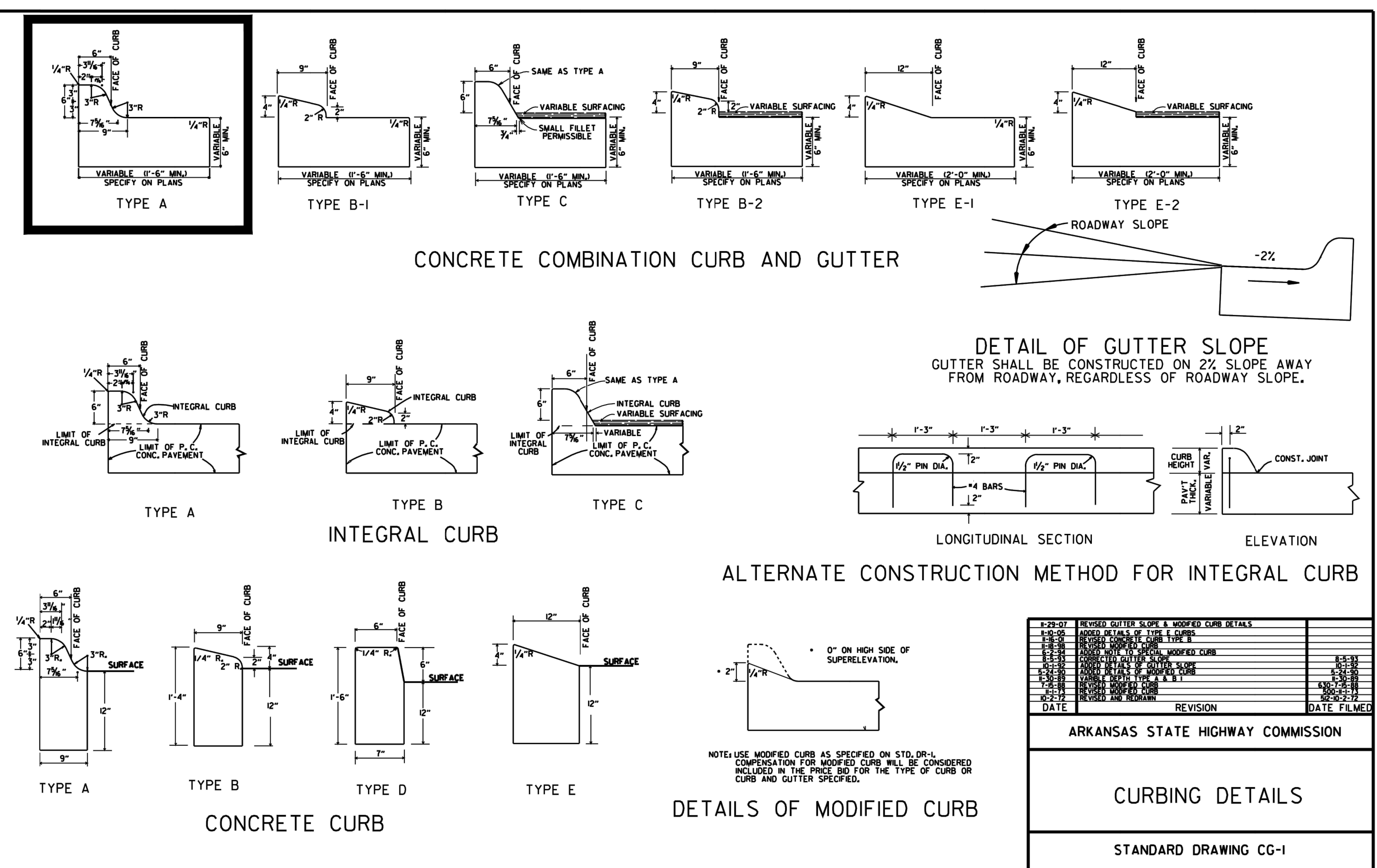
JOINT DETAILS

VAA PLATE NO. C-5002



STANDARD PARKING STALL DETAIL

VAA PLATE NO. C-5085



STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 18782
DREW R. LAPLACE
6-9-21

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PROJECT:
NEW O'REILLY AUTO PARTS STORE
1101 N. ILLINOIS ST.
HARRISBURG, AR 72432

CIVIL DETAILS

O'Reilly AUTO PARTS

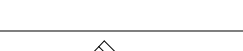
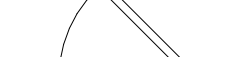

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PROJECT NUMBER: 2119474-HRB
SHEET NUMBER: C4

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SYMBOLS LEGEND

	EXISTING CONSTRUCTION TO REMAIN
	EXISTING CONSTRUCTION TO BE REMOVED
	NEW CONSTRUCTION

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Architect of Record
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PROJECT: REMODEL O'REILLY AUTO PARTS STORE
1101 N. ILLINOIS ST
HARRISBURG, ARKANSAS

DEMOLITION FLOOR PLAN

AUTO PARTS

O'Reilly
CORPORATE OFFICES
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI
(417) 862-2674 TELEPHONE

DRAWN BY: CM
CHECKED BY: JS

04/19/2021

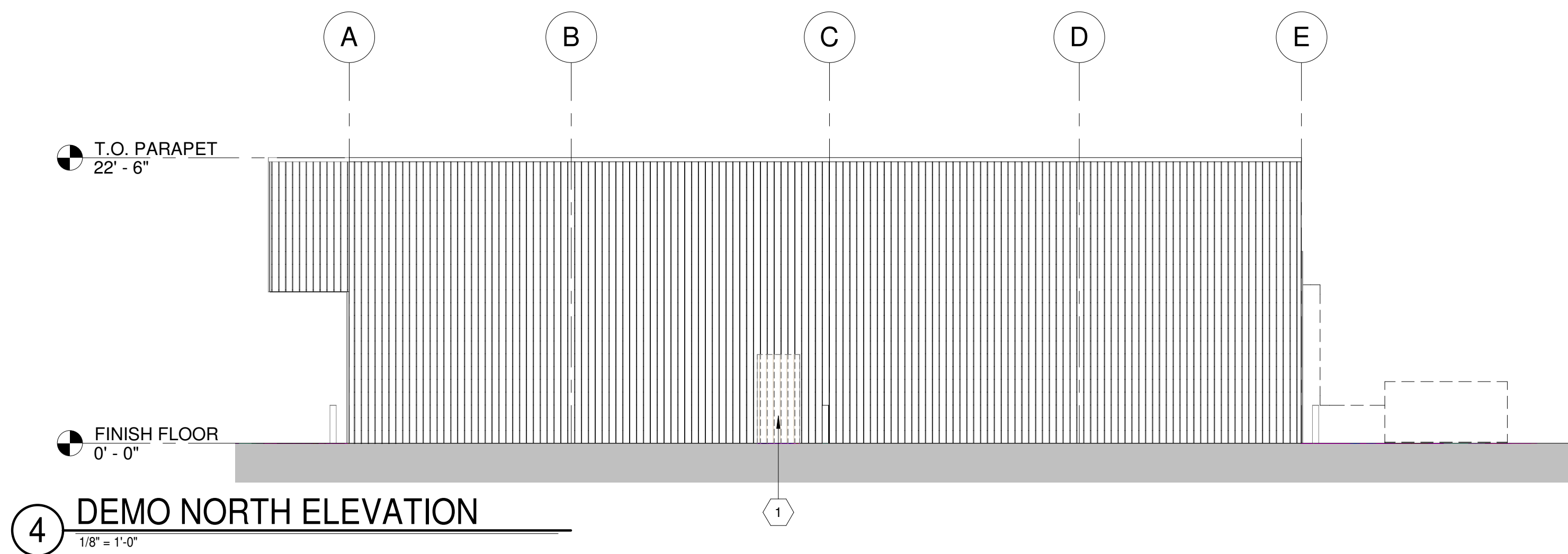
REVISION:

PROJECT NUMBER:
2021.0102

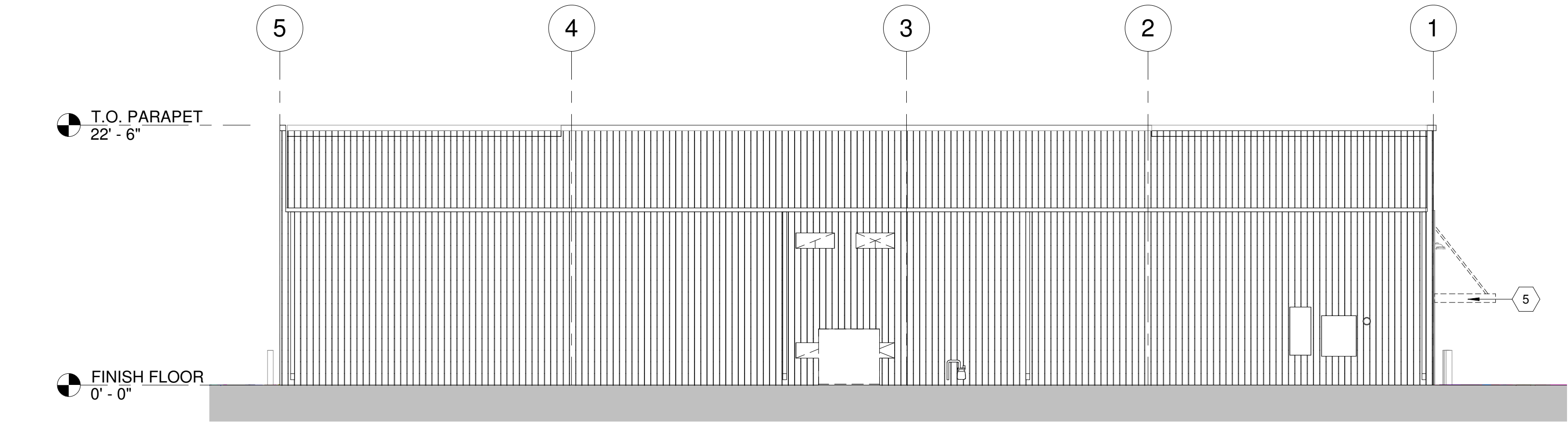
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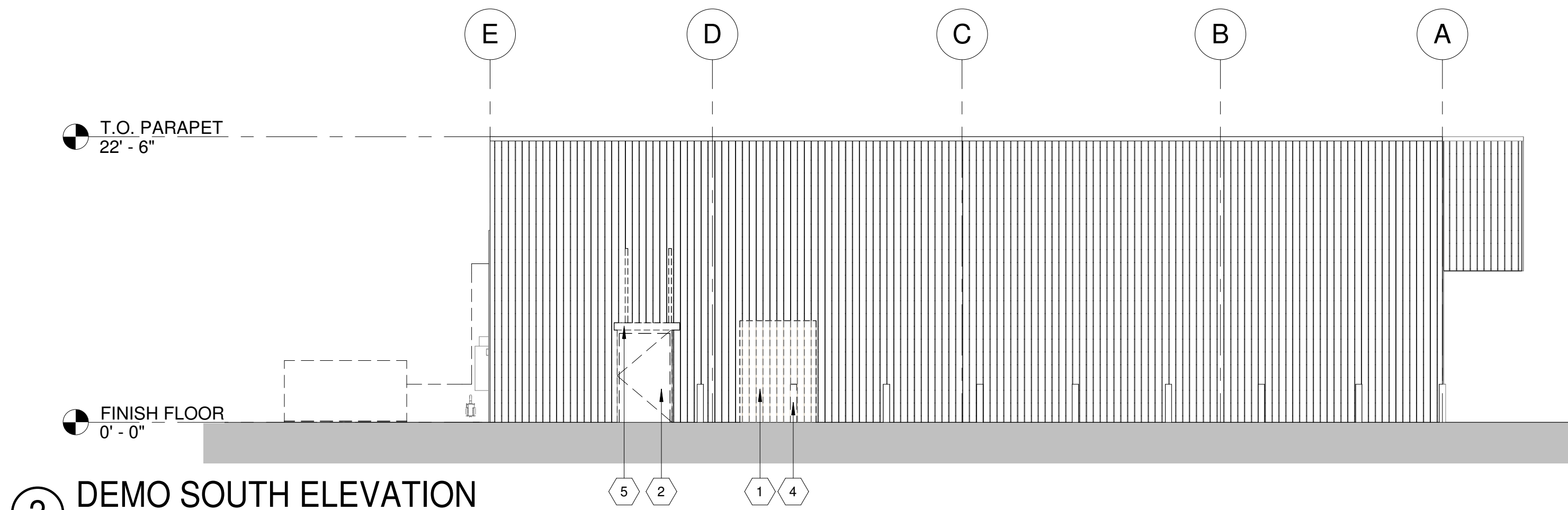
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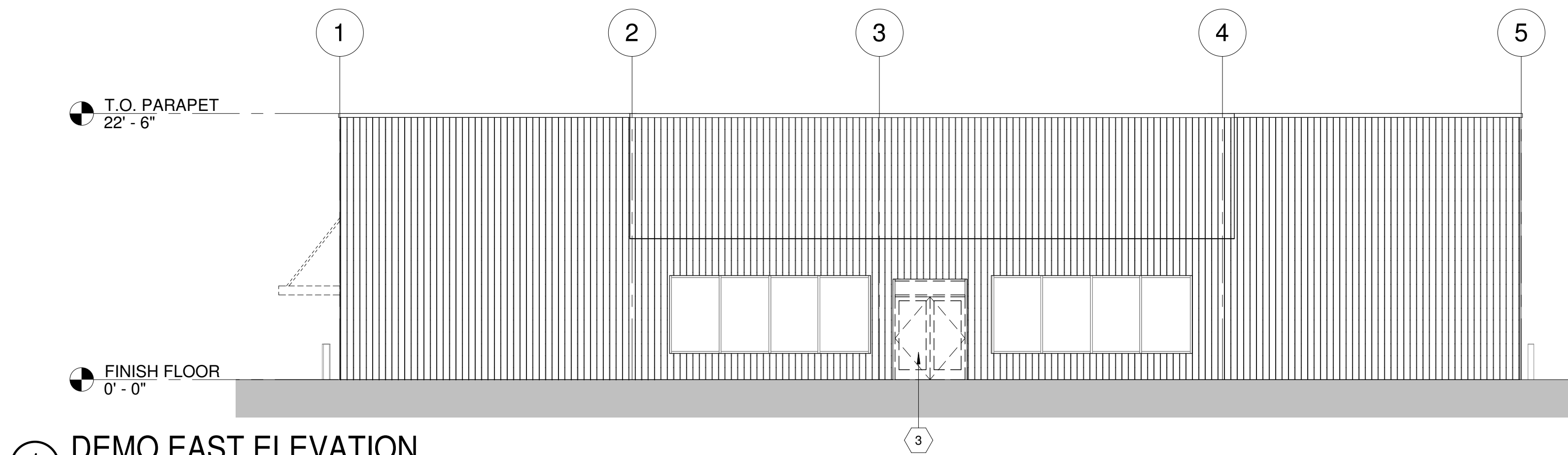
4 DEMO NORTH ELEVATION
1/8" = 1'-0"



3 DEMO WEST ELEVATION
1/8" = 1'-0"



2 DEMO SOUTH ELEVATION
1/8" = 1'-0"



1 DEMO EAST ELEVATION
1/8" = 1'-0"

KEYNOTES	
1	EXISTING WALL CONSTRUCTION TO BE REMOVED AS REQUIRED FOR INSTALLATION OF NEW CONSTRUCTION.
2	EXISTING DOOR & FRAME TO BE REMOVED.
3	REMOVE EXISTING STOREFRONT FRONT FRAMING AND GLAZING AS REQUIRED FOR INSTALLATION OF NEW CONSTRUCTION.
4	EXISTING BOLLARD TO BE REMOVED.
5	EXISTING CANOPY TO BE REMOVED.

GENERAL NOTES	
A.	REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
B.	EXISTING CONDITIONS BASED UPON INFORMATION PROVIDED BY OTHERS OR ARCHITECT'S OBSERVATION. FIELD VERIFY EXISTING CONDITIONS BY DETAILED INSPECTION PRIOR TO SUBMITTING BID AND BEGINNING CONSTRUCTION. NOTIFY ARCHITECT IF EXISTING CONDITIONS DEVIATE SUBSTANTIALLY FROM THOSE INDICATED HEREIN.
C.	EXISTING CONSTRUCTION TO REMAIN TO BE PROTECTED AS REQUIRED. REMOVE AND REPLACE DAMAGED CONSTRUCTION DUE TO CONTRACTOR'S ACTIVITIES.
D.	EXISTING CONSTRUCTION TO BE REWORKED AS REQUIRED FOR INSTALLATION OF NEW CONSTRUCTION. PATCH AND REPAIR EXPOSED SURFACES OF EXISTING CONSTRUCTION TO REMAIN AT LOCATIONS OF EXISTING CONSTRUCTION TO BE REMOVED. FIELD VERIFY SCOPE OF WORK REQUIRED.
E.	REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.
F.	NEW CONSTRUCTION TO MATCH EXISTING CONSTRUCTION TYPE AND FINISH, UNLESS OTHERWISE NOTED.



4/26/2021

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Architect of Record
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Arkansas License No. 8881
Firm License No. LL5

PROJECT:
REMODEL O'REILLY AUTO PARTS STORE
1101 N. ILLINOIS ST
HARRISBURG, ARKANSAS

DEMOLITION ELEVATIONS

O'Reilly
AUTO PARTS

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DRAWN BY: CM
CHECKED BY: JS

DATE:
04/19/2021

REVISION:
△

PROJECT NUMBER:
2021.0102

SHEET NUMBER:

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LIGHTING FIXTURE SCHEDULE										
MARK	MFR.	CATALOG NUMBER	VOLTAGE	FINISH	MOUNTING	LAMP	WATTAGE	ACCESSORIES	NOTES	QTY
(none)										
A	LSI	SDL8 LED 80L FL UNV DIM1 40 80CRI OR - NO SUBSTITUTIONS	UNIV	WHITE	SURFACE (CEILING)	LED	61	GRID HANGERS	8'-0" LED STRIP W/ 0-10V DIMMING DRIVER. PROVIDE 2 GRID HANGERS (648480) PER FIXTURE.	53
AE	LSI	SDL8 LED 80L FL UNV DIM1 40 80CRI EM10 OR - NO SUBSTITUTIONS	UNIV	WHITE	SURFACE (CEILING)	LED	61	GRID HANGERS	8'-0" LED STRIP W/ 0-10V DIMMING DRIVER. 10W EM BATTERY PACK (EM10). PROVIDE UNSWITCHED POWER SOURCE TO EACH FIXTURE (REFER 1-E1) . PROVIDE 2 GRID HANGERS (648480) PER FIXTURE.	4
B	LSI	SDL4 LED 40L FL UNV DIM1 40 80CRI OR - NO SUBSTITUTIONS	UNIV	WHITE	SURFACE (CEILING)	LED	30	GRID HANGER	4'-0" LED STRIP W/ 0-10V DIMMING DRIVER. PROVIDE 2 CEILING GRID HANGERS (648480) PER FIXTURE.	11
C	LSI	SDL8 LED 80L FL UNV DIM1 40 80CRI OR - NO SUBSTITUTIONS	UNIV	WHITE	SUSPENDED	LED	62	5' CHAIN KIT	8'-0" LED STRIP W/ 0-10V DIMMING DRIVER. PROVIDE (1) 5' CHAIN HANGING KIT PER FIXTURE. SUSPEND AT 12'-0" AFF UNO WITH CHAIN KIT. EC TO VERIFY LENGTH OF CHAIN REQUIRED.	45
CE	LSI	SDL8 LED 80L FL UNV DIM1 40 80CRI EM10 OR - NO SUBSTITUTIONS	UNIV	WHITE	SUSPENDED	LED	62	5' CHAIN KIT	8'-0" LED STRIP W/ 0-10V DIMMING DRIVER. 10W EM BATTERY PACK (EM10). PROVIDE UNSWITCHED POWER SOURCE TO EACH FIXTURE (REFER 1-E1) PROVIDE 5' CHAIN HANGING KIT PER FIXTURE. SUSPEND AT 12'-0" AFF UNO WITH CHAIN KIT. EC TO VERIFY LENGTH OF CHAIN REQUIRED.	4
D	LSI	SDL4 LED 40L FL UNV DIM1 40 80CRI OR - NO SUBSTITUTIONS		WHITE	SUSPENDED	LED	30	5' CHAIN KIT	4'-0" LED STRIP W/ 0-10V DIMMING DRIVER. PROVIDE (1) 5' CHAIN HANGING KIT PER FIXTURE. SUSPEND AT 12'-0" AFF UNO WITH CHAIN KIT. EC TO VERIFY LENGTH OF CHAIN REQUIRED.	8
NL	LSI	SDL8 LED 80L FL UNV DIM1 40 80CRI EM10 OR - NO SUBSTITUTIONS	UNIV	WHITE	SURFACE (CEILING)	LED	62	GRID/CHAIN	8'-0" LED STRIP W/ 0-10V DIMMING DRIVER AND 10W EM BATTERY PACK (EM10). PROVIDE UNSWITCHED POWER SOURCE TO EACH FIXTURE (REFER 1-E1) PROVIDE 2 CEILING GRID HANGERS (648480) PER FIXTURE AS APPLICABLE. REMOTE DUAL LED HEAD EXTERIOR EMERGENCY LIGHT. POWERED FROM XR.	7
RH2	COOPER	APWR2	120-277V			LED	3.6		4'-0" ENCLOSED AND GASKETED LED STRIP WITH 360" INTEGRAL MOTION SENSOR WITH ON/OFF OPERATION. WALL PACK	3
S	LITHONIA	CVST L48 4000LM MVOLT 40K 80CRI		WHITE	SURFACE	LED	34		COMBINATION LED EXIT SIGN AND LIGHT WITH UNIVERSAL MOUNTING OF ILLUMINATION PER NEC 700.12(A). IF CEILING HEIGHT IS 11'-7" OR LOWER, CEILING MOUNT. IF CEILING IS HIGHER THAN 11'-7" WALL MOUNT.	5
W	LSI	XWM-2-LED-6L-40	UNIV		SURFACE	LED	44	--		4
XR	COOPER	APCH7R (RED LETTERS)	UNIV	WHITE	SURFACE	LED	2	--		10

ALL ITEMS LISTED ON THE "LIGHT FIXTURE SCHEDULE" WILL BE SUPPLIED BY THE OWNER (O'REILLY). ITEMS SHALL BE DIRECT ORDERED AND OR RELEASED FROM THE LISTED ELECTRICAL EQUIPMENT DISTRIBUTOR.

GRAYBAR ELECTRIC CO. INC.
118855 LACKLAND ROAD
ST. LOUIS, MO 63146

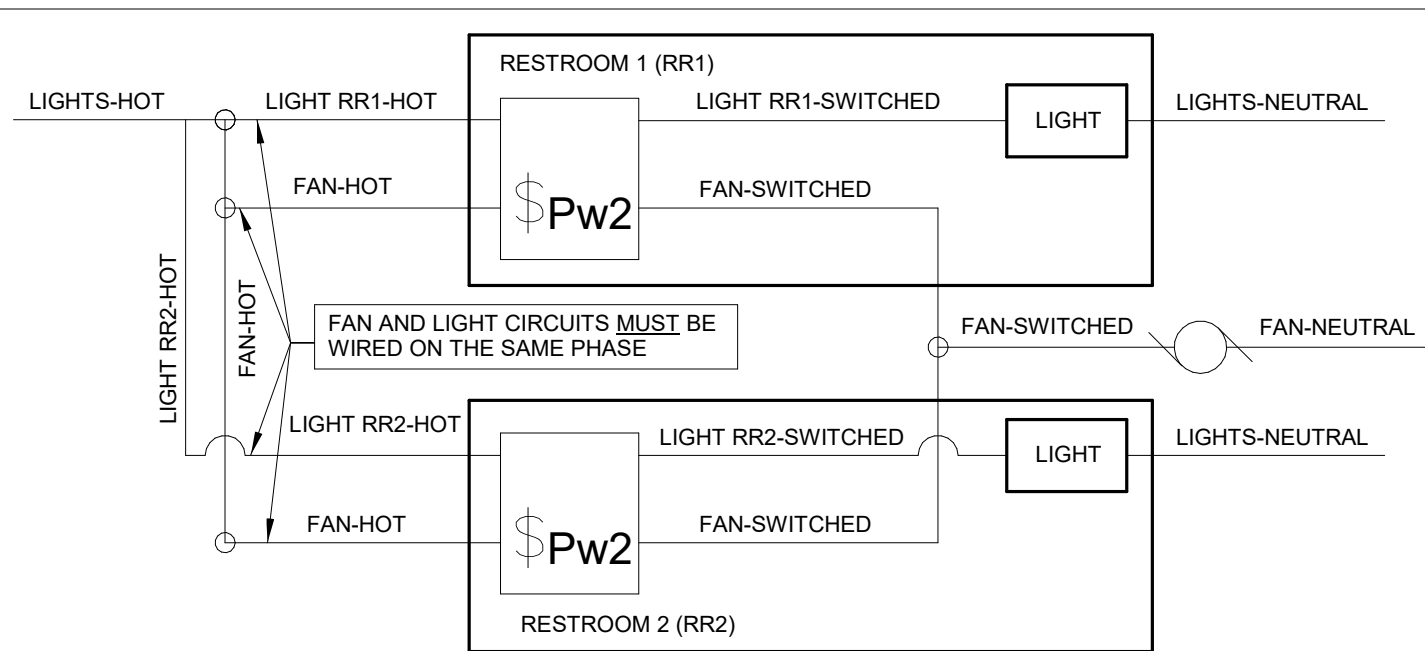
CONDUIT REQUIREMENTS

- ALL WIRING SHALL BE IN CONDUIT, EXCEPT THAT MC-CABLE MAY BE SUBSTITUTED ONLY AS FOLLOWS:
- MC-CABLE (MAXIMUM CABLE LENGTH OF 10'-0") MAY BE INSTALLED ONLY FOR BRANCH CIRCUIT WIRING TO LIGHT FIXTURES.
 - "MC-CABLE (MAXIMUM CABLE LENGTHS SHOWN ON DETAIL 2/E2.0) MAY BE INSTALLED ONLY ABOVE SLAB AND ONLY AT LOCATIONS INDICATED ON E2.0 SHEET."
- SEE SHEET E4.0 FOR MORE REQUIREMENTS

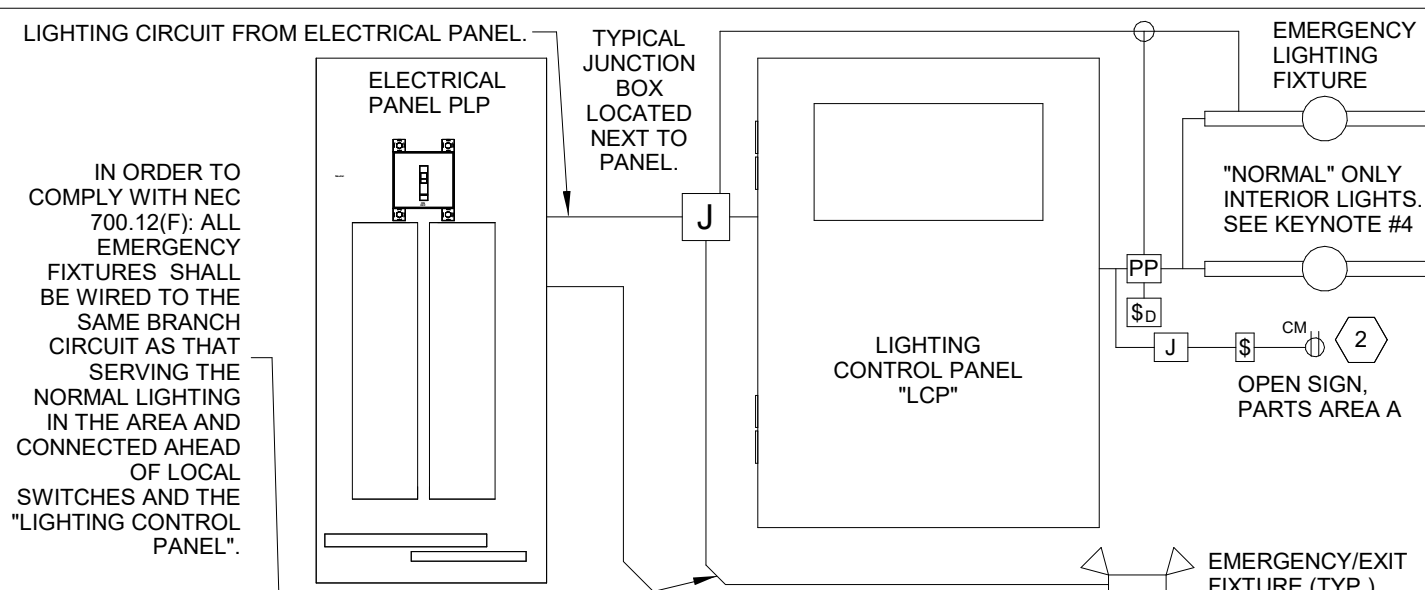
EXIT SIGNS

REFER TO NOTES IN "LIGHT FIXTURE SCHEDULE" FOR MINIMUM MOUNTING HEIGHT FOR EXIT SIGNS (FIXTURE "XR"). ALL EXIT SIGNS MUST BE CLEARLY VISIBLE, NOT OBSCURED BY SHELVING AND/OR MERCHANDISE AND COORDINATED WITH INTERIOR PAINT SCHEME. CONFIRM SHELVING HEIGHT(S) AND PAINT SCHEME WITH O'REILLY REPRESENTATIVE PRIOR TO INSTALLATION.

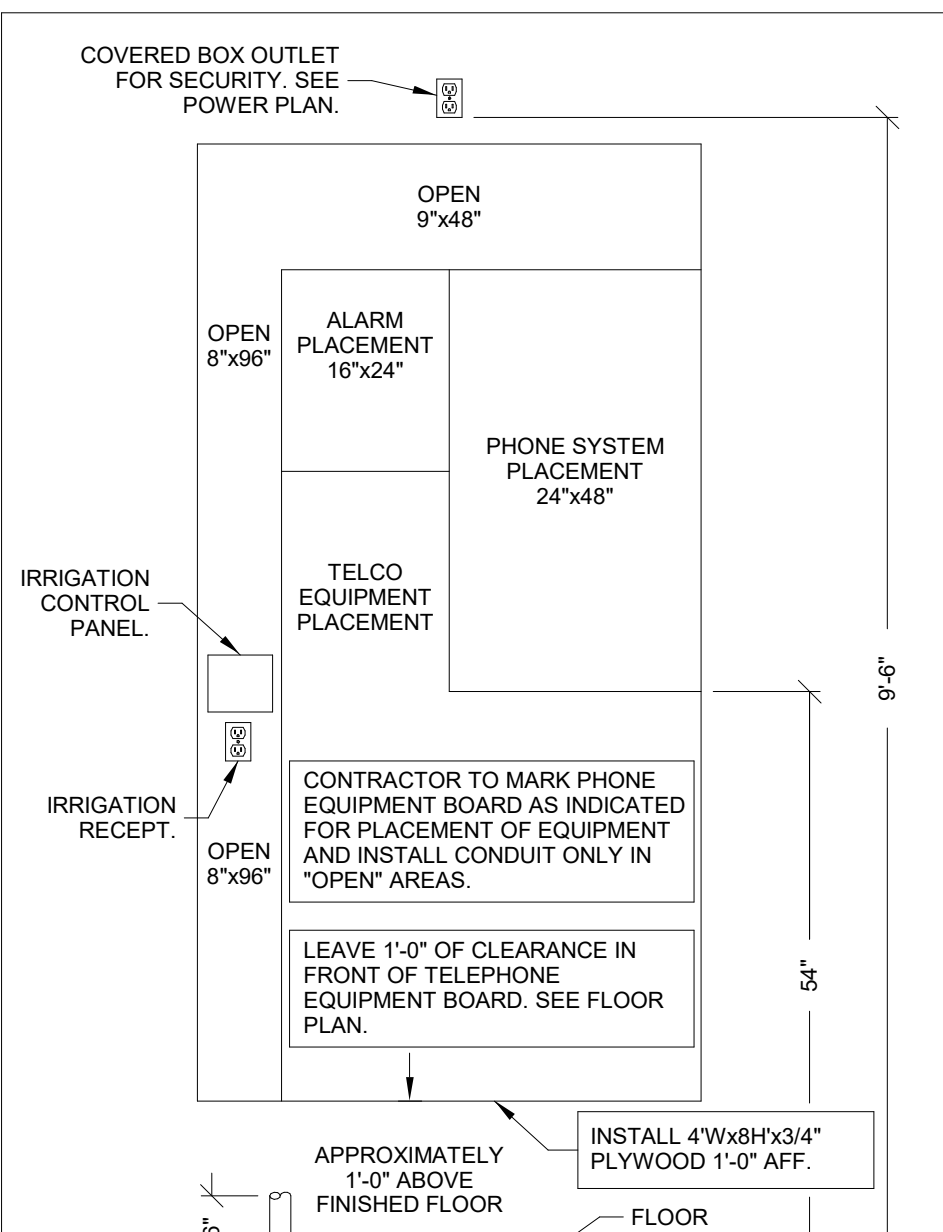
THE MAXIMUM HEIGHT FOR AN EXIT LIGHT ASSOCIATED WITH A SPECIFIC OPENING (I.E. MOUNTED OVER A DOOR OR OPENING) SHALL BE NO GREATER THAN THE CODE ALLOWED 6'-8" ABOVE THE TOP EDGE OF THE DOOR OR OPENING.



RESTROOM EXHAUST FAN WIRING DIAGRAM



EMERGENCY/EXIT LIGHTING CONNECTION DIAGRAM



TELEPHONE EQUIPMENT BOARD

EMERGENCY LIGHTING

INSTALL EMERGENCY LIGHTING FIXTURES MINIMUM 12'-8" A.F.F. FIXTURE SHALL BE LOCATED SUCH THAT IT IS CLEARLY VISIBLE AND NOT OBSCURED BY SHELVING AND/OR MERCHANDISE. FIELD VERIFY HEIGHT OF SHELVING WITH O'REILLY REPRESENTATIVE PRIOR TO INSTALLATION.

EMERGENCY/EXIT CIRCUITING

ROUTE EMERGENCY/EXIT FIXTURE PORTION OF CIRCUIT DIRECTLY TO CIRCUIT BREAKER. FIXTURE SHALL NOT BE SWITCHED BY LIGHTING CONTROL SYSTEM. SEE DETAIL 1/E1.0. TYPICAL. SEE N.E.C. 700.12(F).

AUTOMATIC LIGHTING CONTROL

COMPLIANCE WITH ENERGY CODE IS ACHIEVED BY:

- ONCE THE EMS HAS BEEN PROGRAMMED, THE INTERIOR AND EXTERIOR LIGHTS WILL TURN ON AND OFF USING THE FOLLOWING LOGIC: SEE EM SHEETS.

INTERIOR WORK LIGHTING WILL TURN ON WITH FIRST MOTION IN THE STORE AND WILL TURN OFF 15 MINUTES AFTER LAST MOTION ONCE THE STORE IS CLOSED.

INTERIOR SALES LIGHTS WILL TURN ON AT STORE OPENING AND TURN OFF 15 MINUTES AFTER STORE CLOSING.

EXTERIOR SIGN LIGHTS WILL TURN ON WHEN ITS DARK ENOUGH OUTSIDE ANYTIME DURING STORE HOURS, AND WILL TURN OFF AT STORE CLOSING.

EXTERIOR SITE LIGHTS WILL TURN ON WHEN IT IS DARK ENOUGH OUTSIDE AND IT IS WITHIN STORE HOURS OR THERE IS MOTION IN THE STORE. THEY WILL TURN OFF 30 MINUTES AFTER LAST MOTION ONCE THE STORE IS CLOSED.

FOR NEW CONSTRUCTION LOCATIONS ONLY, THERE IS A TEMPORARY PROGRAM TO KEEP SIGN AND SITE LIGHTS ON UNTIL MIDNIGHT RATHER THAN THE TIMES INDICATED ABOVE. O'REILLY WILL DISABLE THIS PROGRAM ONE YEAR AFTER STORE OPENING.

- RESTROOMS AND OFFICES: ALL LIGHTING IN THESE AREAS ARE CONTROLLED BY OCCUPANT-SENSING DEVICES.

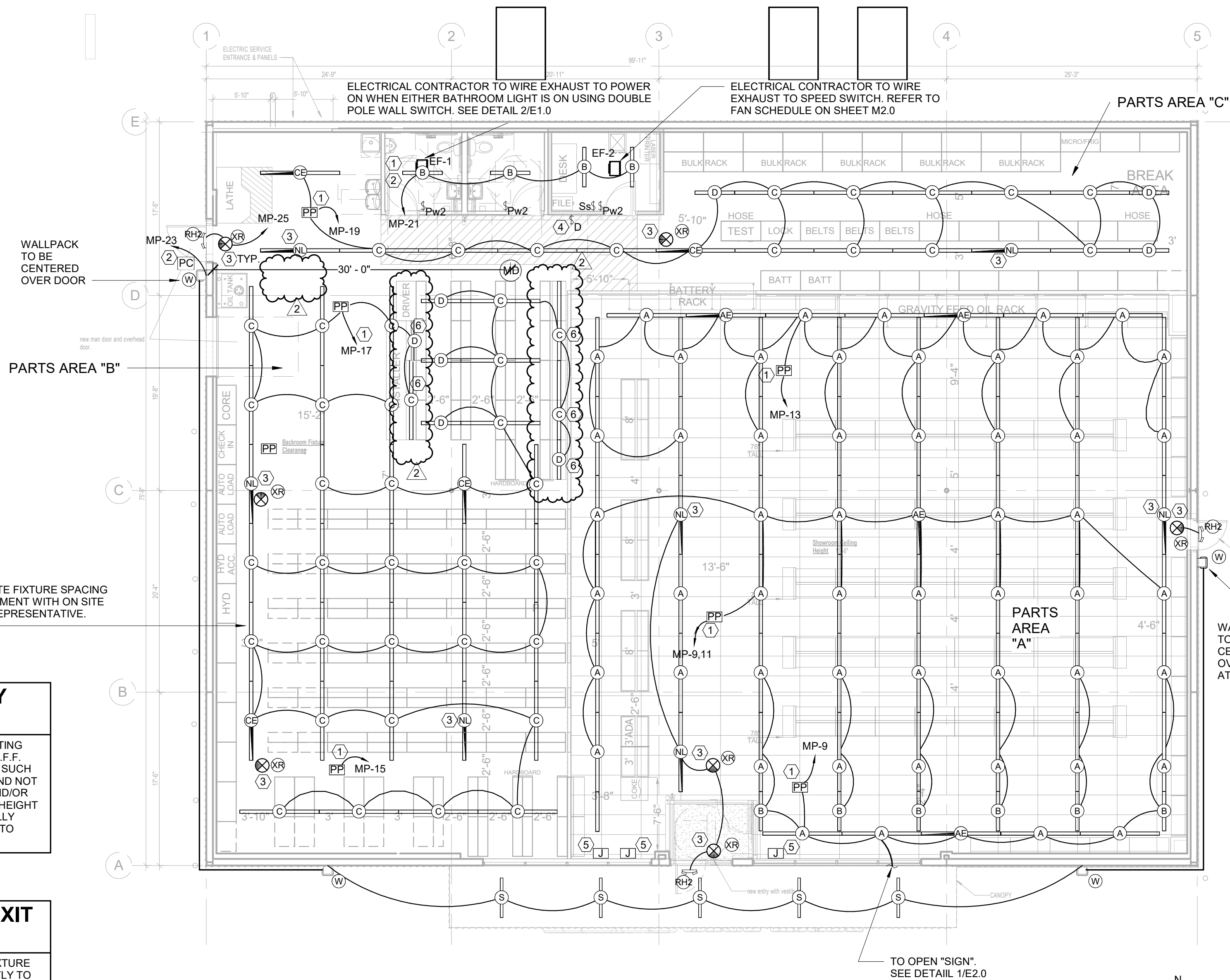
INTERIOR LIGHTING ZONES

ALL INTERIOR LIGHTING WITHIN PARTS AREA "A" SHALL BE CONSIDERED "SALES" ZONE (ON ONLY WHEN STORE IS OPEN FOR BUSINESS).

ALL INTERIOR LIGHTING WITH PARTS AREA "B", PARTS AREA "C", RESTROOMS, OFFICE, AND BREAK AREA SHALL BE CONSIDERED "WORK" ZONES (ON WHENEVER THERE IS MOTION OR THE STORE IS OPEN).

LIGHTING - KEYNOTES

- ROUTE CIRCUIT THROUGH "E" PANEL TRANSFER SWITCH. SEE "E" PANEL TRANSFER SWITCH SCHEDULE ON SHEET E3.0
- VIA LIGHTING CONTROL PANEL. SEE EM SHEET.
- ALL EXIT AND NIGHT LIGHTS TO BE ON CIRCUIT MP-25.
- DIMMER LIGHTING CONTROL SWITCHES LOCATED ON OUTSIDE WALL OF OFFICE. SEE LIGHTING PLAN FOR QUANTITY. SEE DETAILS ON SHEET E4.0 FOR MORE INFORMATION.
- MOUNT J-BOX INSIDE BUILDING AND FLEX CONDUIT THRU WALL FOR POWER SUPPLY TO ILLUMINATED SIGN. EXACT LOCATION OF PENETRATIONS SHALL BE COORDINATED WITH SIGN COMPANY. PENETRATIONS SHALL BE BEHIND SIGNAGE. WATERPROOF WITH ELASTOMERIC POLYURETHANE (NO EXCEPTIONS) EQUAL TO "VULKEM" 116. WIRE TO SIGN WITH 15' OF WIRING "WHIP" (SHALL BE FLEX OR TYPE MC CABLE). COIL AND "CABLE TIE" WIRING "WHIP" TO WALL ABOVE CEILING. TYPICAL.
- SUSPEND 8'-0" A.F.F. THIS FIXTURE ONLY.



SEISMIC RESTRAINTS (ONLY REQUIRED FOR SEISMIC DESIGN CATEGORIES C,D,E,F)

CONTRACTOR TO REFER TO ARCHITECTURAL SHEET G1.1 FOR SEISMIC DESIGN CATEGORY.

IF REQUIRED SEE SEISMIC DETAILS SHEET ME1.



pb2
architecture
+engineering

2809 Ajax Avenue Suite 100
Rogers Arkansas 72758
Phone: 479.636.3545
Fax: 479.636.1209

Engineer of Record
Keith Allen Williams, P.E.
Arkansas License No.12409
Firm Certificate No. 885

PROJECT:
RE-MODEL O'REILLY AUTO PARTS STORE
1101 N. ILLINOIS ST
HARRISBURG, AR 72432

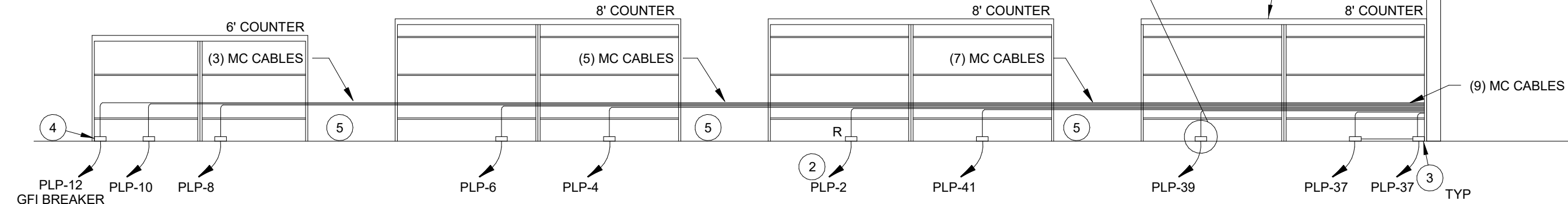
O'Reilly AUTO PARTS

CORPORATE OFFICES:
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI
(417) 862-2674 TELEPHONE

DRAWN BY: MF CHECKED BY: TJ
DATE: 04/26/2021
REVISION: 2 ADDENDUM 2 06-28-2021
PROJECT NUMBER: 2021.0102
SHEET NUMBER:

E1.0

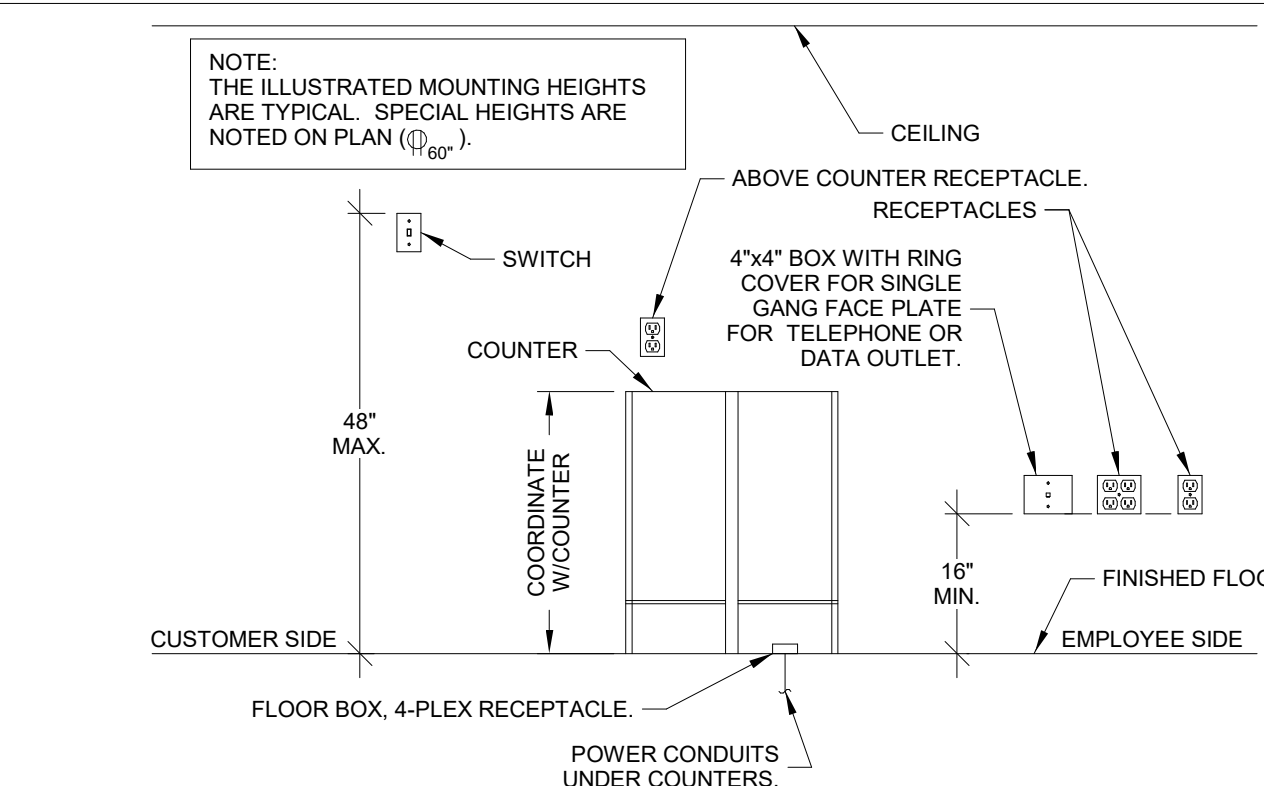
- EACH BOX SHALL BE SECURELY
ANCHORED WITH A MINIMUM OF
(2) 3/16" x 1-1/2" "TAPCON"
CONCRETE SCREWS.



1 FL
E2.0 N.T.S

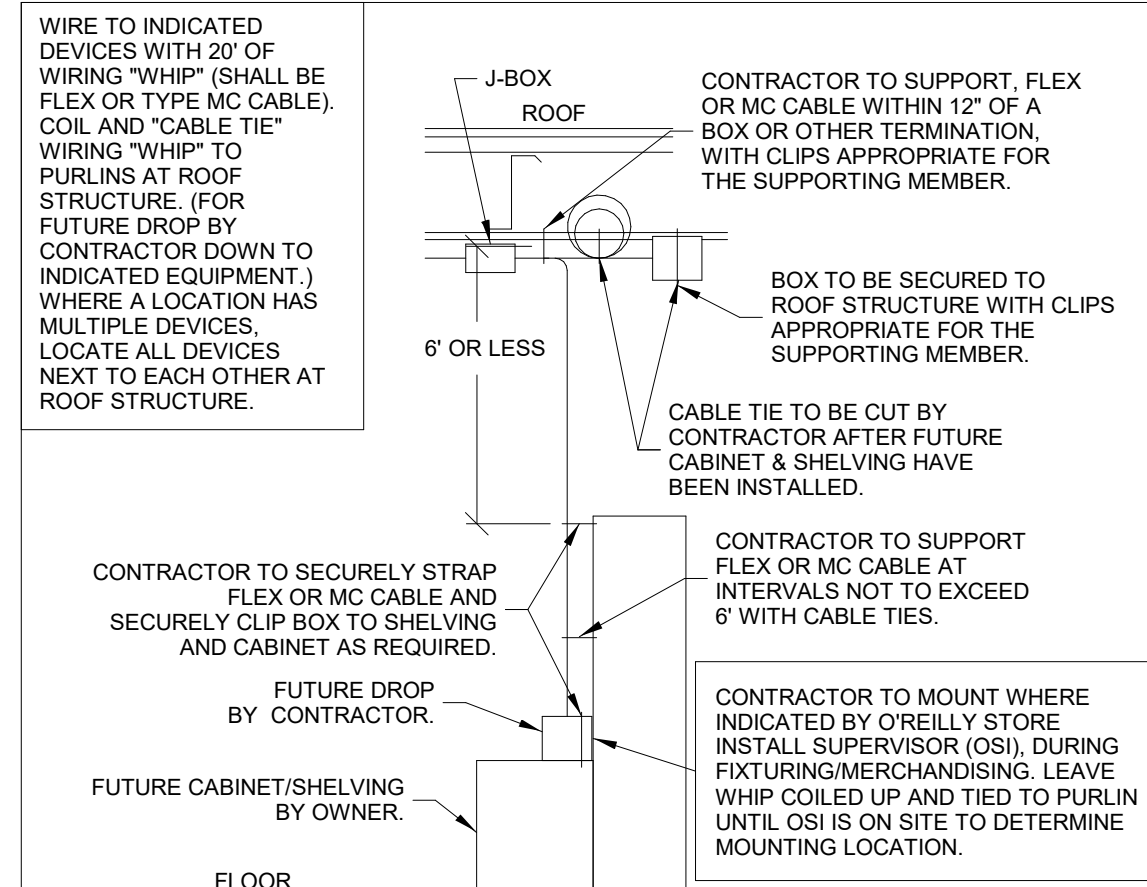
N.T.S

VISUAL REFERENCE ONLY



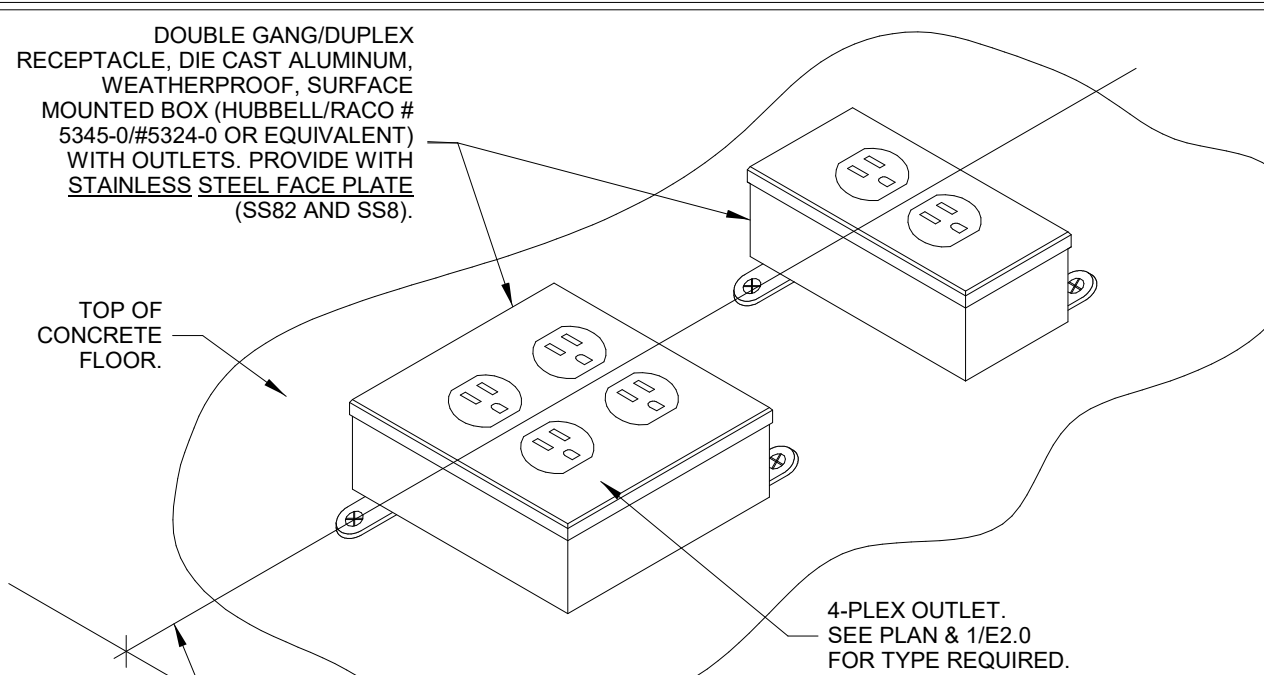
3	TY
E2.0	N.T.S

N.T.S



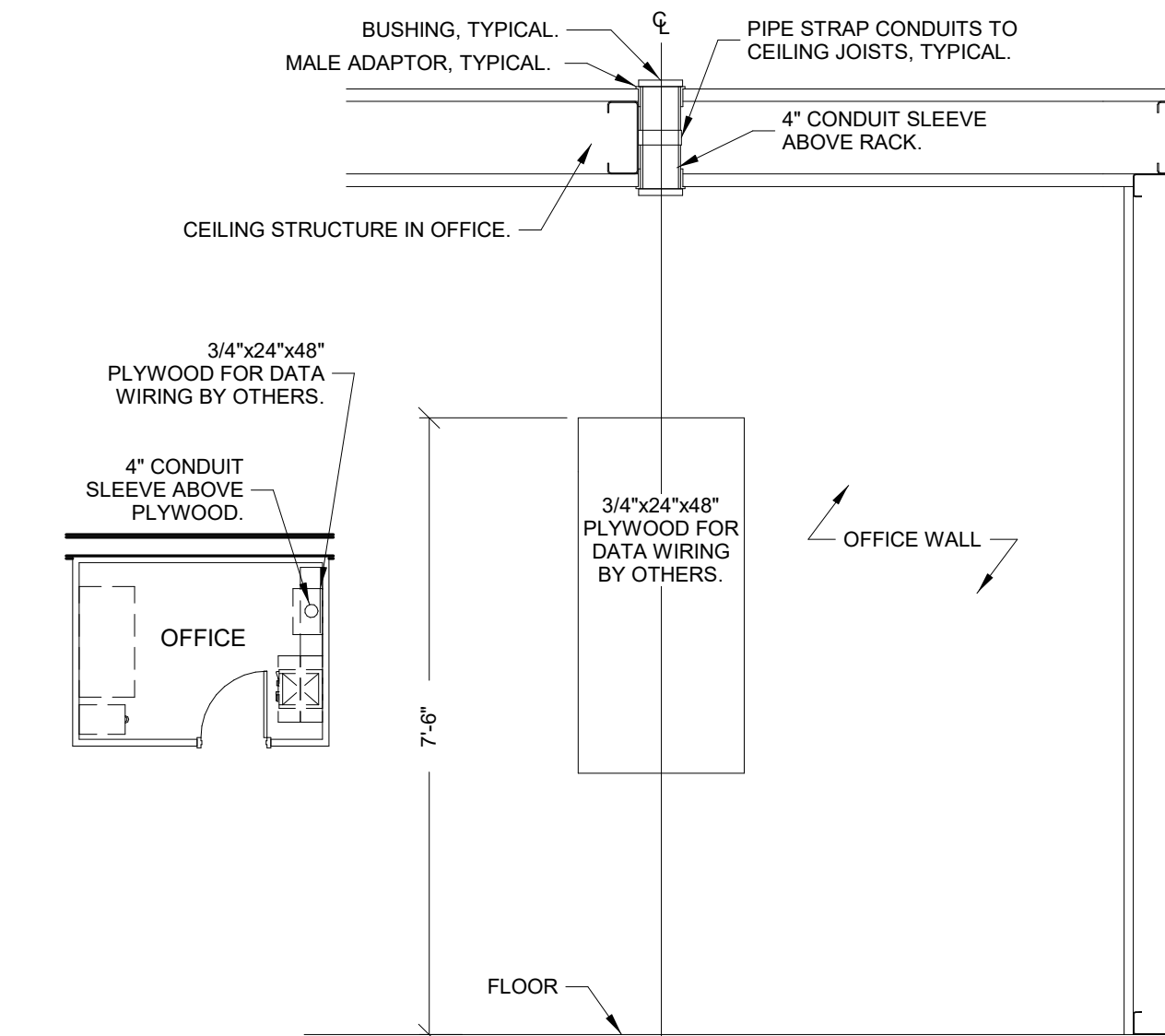
2
E2.0

N.T.S



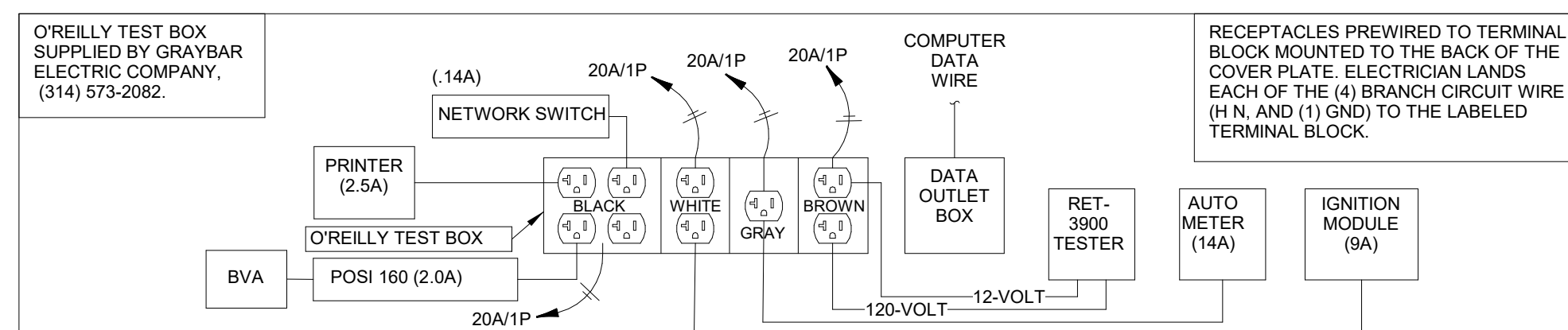
4
E2.0

N.T.S



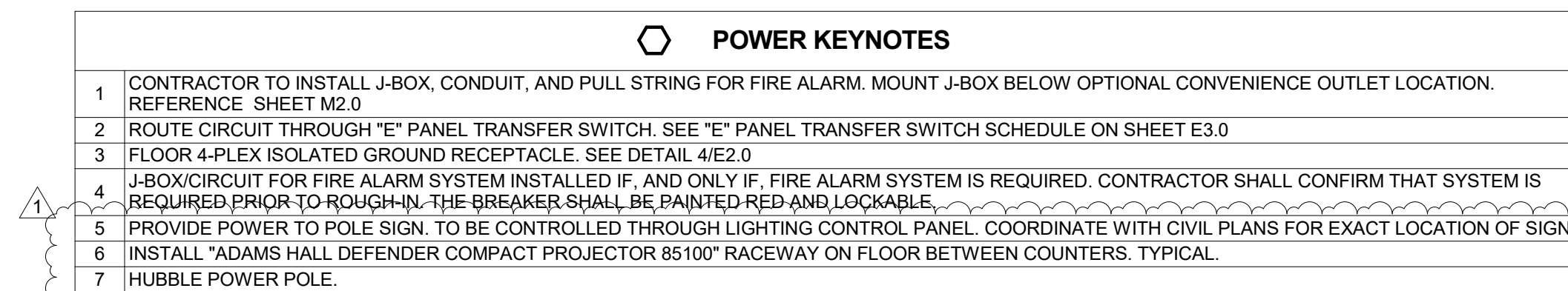
6
E2.0

N.T.S

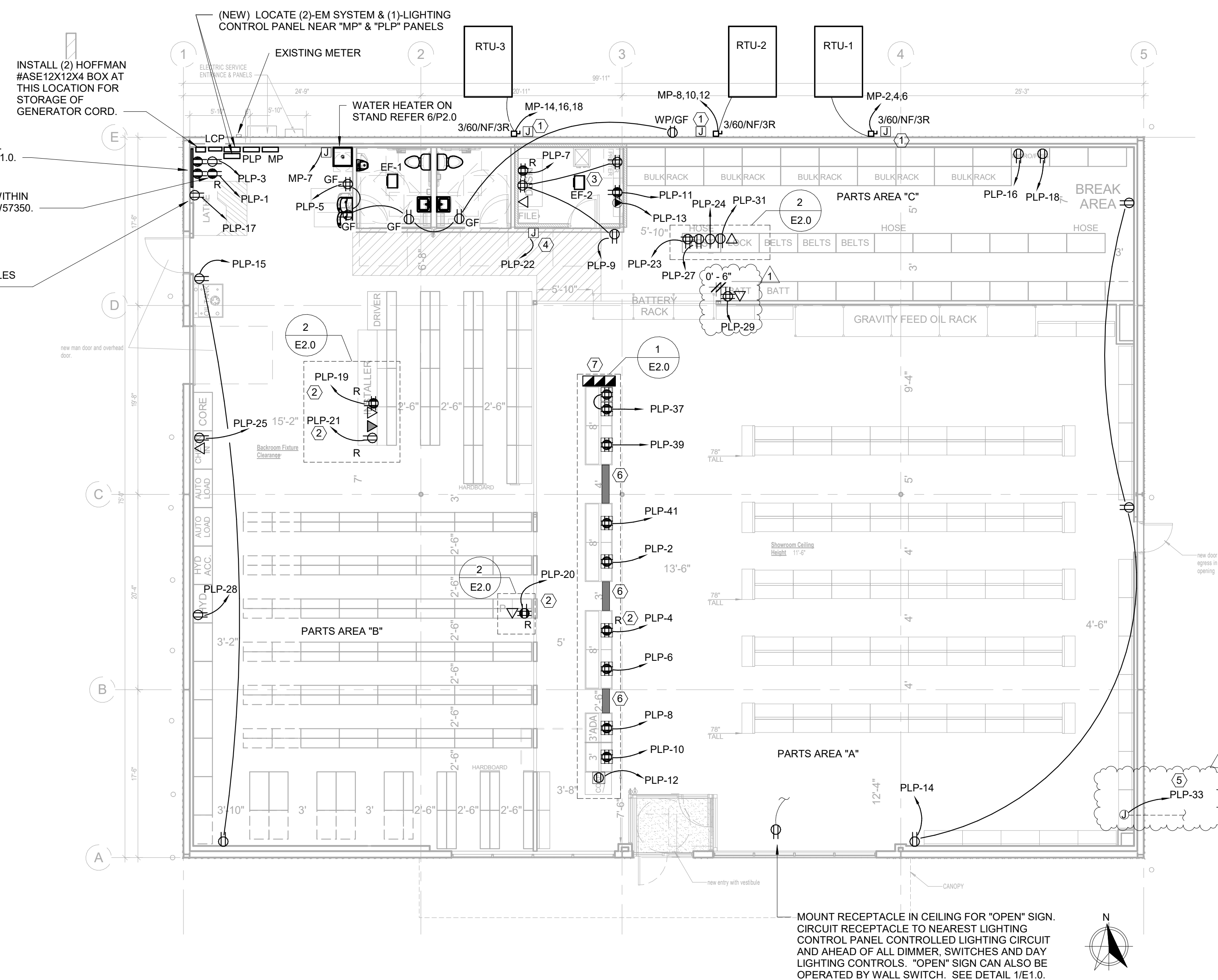


5
E2.0

N.T.S



IN THE EVENT A MONITORED FIRE ALARM SYSTEM IS REQUIRED BY THE AUTHORITY HAVING JURISDICTION, THE ALARM SYSTEM WILL BE CONTRACTED DIRECTLY BY THE ALARM SERVICES MANAGER, LEIGH SIDES, WITH THE O'REILLY AUTOMOTIVE CORPORATE OFFICE. THE GENERAL CONTRACTOR SHALL NOT PROCURE ANYONE TO INSTALL OR QUOTE THESE SYSTEMS UNLESS THEY HAVE BEEN ASKED TO DO SO BY LEIGH SIDES. PLEASE CONTACT LEIGH SIDES AT (417) 829-5712 IF A SYSTEM IS NEEDED OR IF THERE ARE ANY QUESTIONS.



- A. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL TELEPHONE AND DATA CONDUITS.
- B. ELECTRICAL CONTRACTOR SHALL VACUUM OUT ALL CONDUITS TO REMOVE WATER.
- C. ELECTRICAL CONTRACTOR SHALL PROVIDE PULL-STRING IN EACH CONDUIT.
- D. OWNER SHALL PROVIDE AND INSTALL ALL TELEPHONE AND DATA WIRING

ALL WIRING SHALL BE IN CONDUIT, EXCEPT THAT MC-CABLE MAY BE SUBSTITUTED ONLY AS FOLLOWS:

- A. MC-CABLE (MAXIMUM CABLE LENGTH OF 10'-0") MAY BE INSTALLED ONLY FOR BRANCH CIRCUIT WIRING TO LIGHT FIXTURES.
- B. "MC-CABLE (MAXIMUM CABLE LENGTHS SHOWN ON DETAIL 2/E2.0) MAY BE INSTALLED ONLY ABOVE SLAB AND ONLY AT LOCATIONS INDICATED ON E2.0 SHEET."

SEE SHEET E4.0 FOR MORE REQUIREMENTS

IN FRONT OF ALL METER PANELS, SUB PANELS, TRANSFORMERS, AND DISCONNECTS, PROVIDE A WORKING SPACE IN FRONT, ON THE FLOOR. RECTANGLE, PAINT WITH CONTRASTING COLOR, 4-INCH BRUSH STROKES WITH DIAGONAL LINES INSIDE, WITH 6-INCH LETTERS, "NO STORAGE" BLOCKED IN, AND/OR LARGE STICKER SAYING THE SAME THING. 4'-0" DEPTH TYPICAL AT ALL LOCATIONS.

NOTE:
ALL PANELBOARDS, TRANSFORMERS, TRANSFER SWITCH KIT AND DISCONNECTS WILL BE SUPPLIED BY THE OWNER (O'REILLY). ELECTRICAL GEAR SHALL BE DIRECT ORDERED AND/OR RELEASED FROM THE LISTED ELECTRICAL EQUIPMENT DISTRIBUTOR LISTED ON SHEET E3.0.

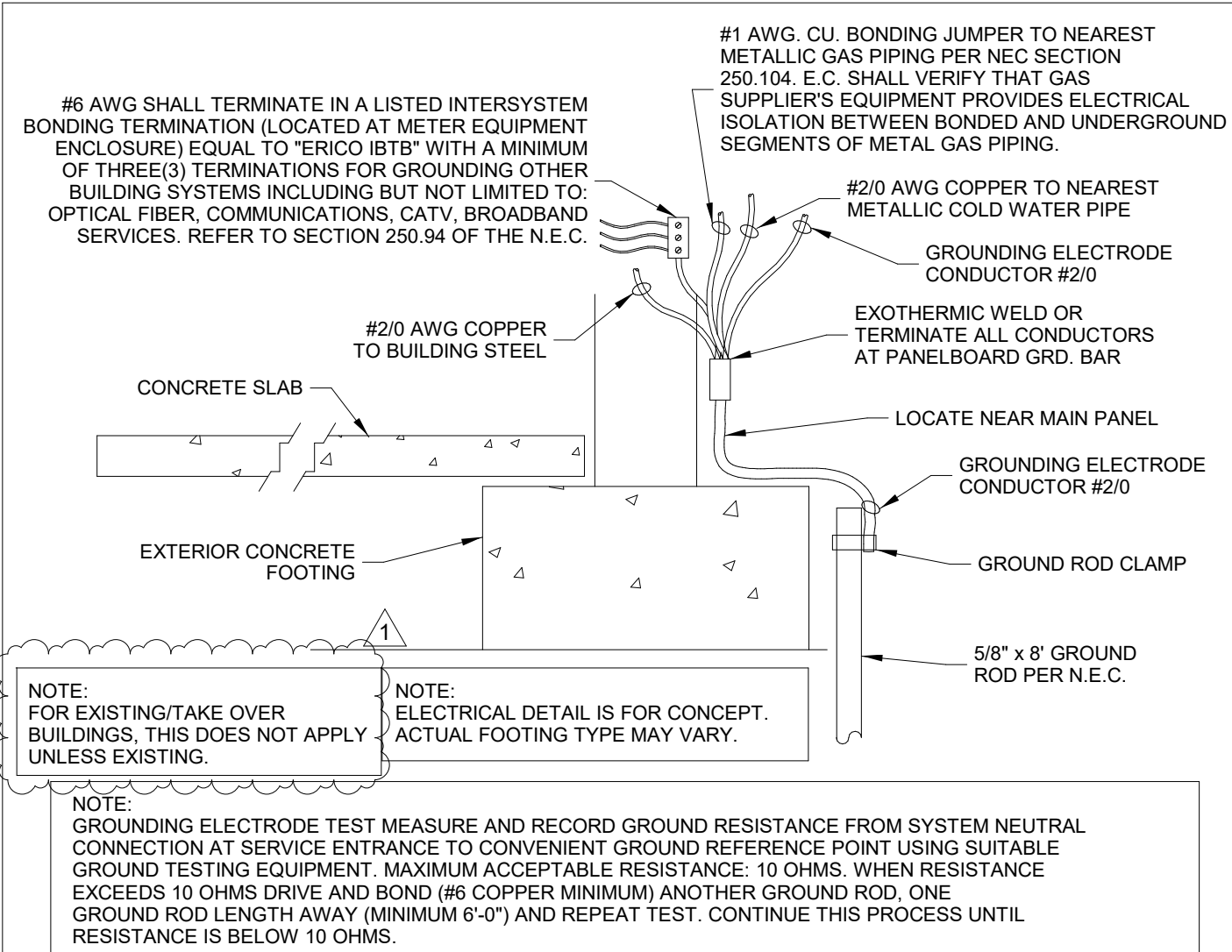
PANELBOARD: MP																				IG BUS GROUND BUS FEED THRU LUGS			
BUS AMPS:		400 A																					
MAIN SIZE/TYPE:		MLO																					
VOLTS/PHASE:		120/208 Wye,3PH,4W																					
SERVES:		GENERAL																					
LOCATION:		PARTS AREA "C" 105																					
MOUNTING:		SURFACE																					
Load Name		NOTE	WIRE	BKR AMP	PL	A		B		C		PL	BKR AMP	WIRE	NOTE	Load Name							
1	SPARE	--	--	20 A	1	0	4,920					3	50 A	8	--	RTU-1		2					
3	SPARE	--	--	20 A	1			0	4,920			--	--	--	--			4					
5	SPARE	--	--	20 A	1					0	4,920	--	--	--	--			6					
7	W.H.		12	20 A	1	1,650	4,920					3	50 A	8	--	RTU-2		8					
9	LTG PARTS AREA A FRONT	TF	12	20 A	1			1,406	4,920			--	--	--	--			10					
11	LTG PARTS AREA A MIDDLE	TF	12	20 A	1					854	4,920	--	--	--	--			12					
13	LTG PARTS AREA A BACK		12	20 A	1	1,403	4,920					3	50 A	8	--	RTU-3		14					
15	LTG PARTS AREA B FRONT	TF	12	20 A	1			1,116	4,920			--	--	--	--			16					
17	LTG PARTS AREA B BACK	TF	12	20 A	1					1,116	4,920	--	--	--	--			18					
19	LTG PARTS AREA C	TF	12	20 A	1	1,023						--	--	--	--			20					
21	LTG OFFICE/RR	TF	12	20 A	1			124	0			--	--	--	--	SPACE		22					
23	EXTERIOR LTGS	TF	12	20 A	1					342	0	--	--	--	--	SPACE		24					
25	EXIT/SECURITY LIGHTING	TF	12	20 A	1	447	0					--	--	--	--	SPACE		26					
27	SPARE	--	--	20 A	1			0	0			--	--	--	--	SPACE		28					
29	SPARE	--	--	20 A	1					0	0	--	--	--	--	SPACE		30					
31	SPARE	--	--	20 A	1	0	0					--	--	--	--	SPACE		32					
33	SPARE	--	--	20 A	1			0	0			--	--	--	--	SPACE		34					
35	PWR EMS XFMR	--	--	20 A	1					600	600	1	20 A	--	--	PWR EMS XFMR		36					
37	EMS	--	--	20 A	3	0	0					3	20 A	--	--	EMS		38					
39	--	--	--	--	--			0	0			--	--	--	--			40					
41	--	--	--	--	--					0	0	--	--	--	--			42					
TOTAL CONNECTED						23.21		21.37		22.76		KVA											
TOTAL CONNECTED						195.18		178.08		191.44		AMPS											
TOTAL LOAD						67.34		KVA		186.91		AMPS											
PER NEC ARTICLE 220 FEEDER LOAD						72.47		KVA		201.15		AMPS											

- NOTE:
- BOND ALL NONCURRENT CARRYING METAL PARTS OF SERVICE EQUIPMENT (INCLUDING METER ENCLOSURE) TO GROUNDING ELECTRODE AS REQUIRED, PER NEC 250-92.
 - THE GROUNDED NEUTRAL CONDUCTOR SHALL BE RUN TO AND BONDED TO EACH SERVICE DISCONNECTING MEANS ENCLOSURE IN ACCORDANCE WITH NEC 250-24C.
 - BONDING OF OTHER ENCLOSURES SHALL BE IN ACCORDANCE WITH NEC 250-96.

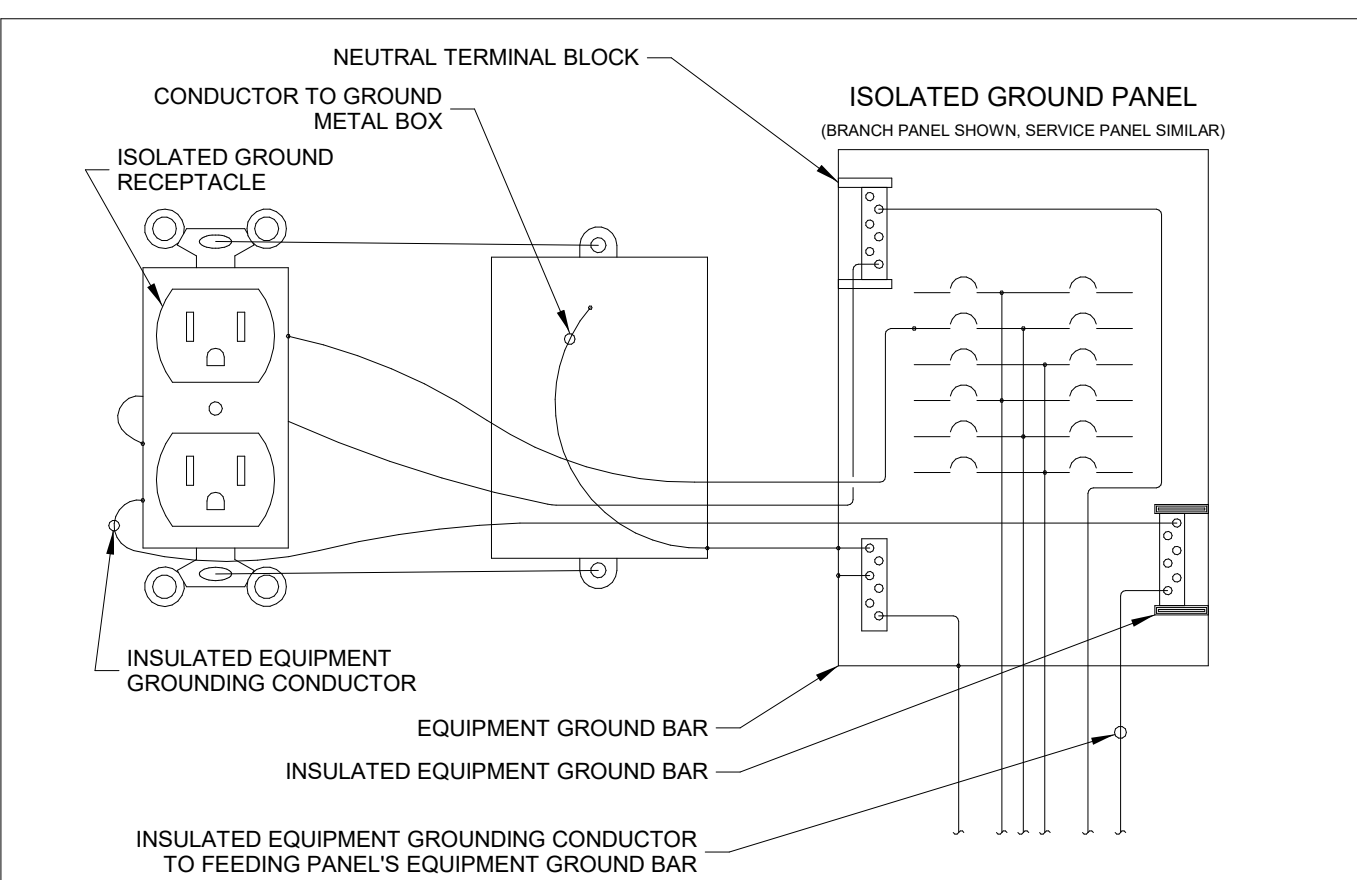
SERVICE EQUIPMENT GROUNDING & BONDING SHALL BE IN ACCORDANCE WITH:

*NEC 250-24
*NEC 250-28 *NEC 250-53 *NEC 250-66 *NEC 250-90 *NEC 250-92 *NEC 250-130

BONDING REQUIREMENTS



GROUNDING ELECTRODE DETAIL

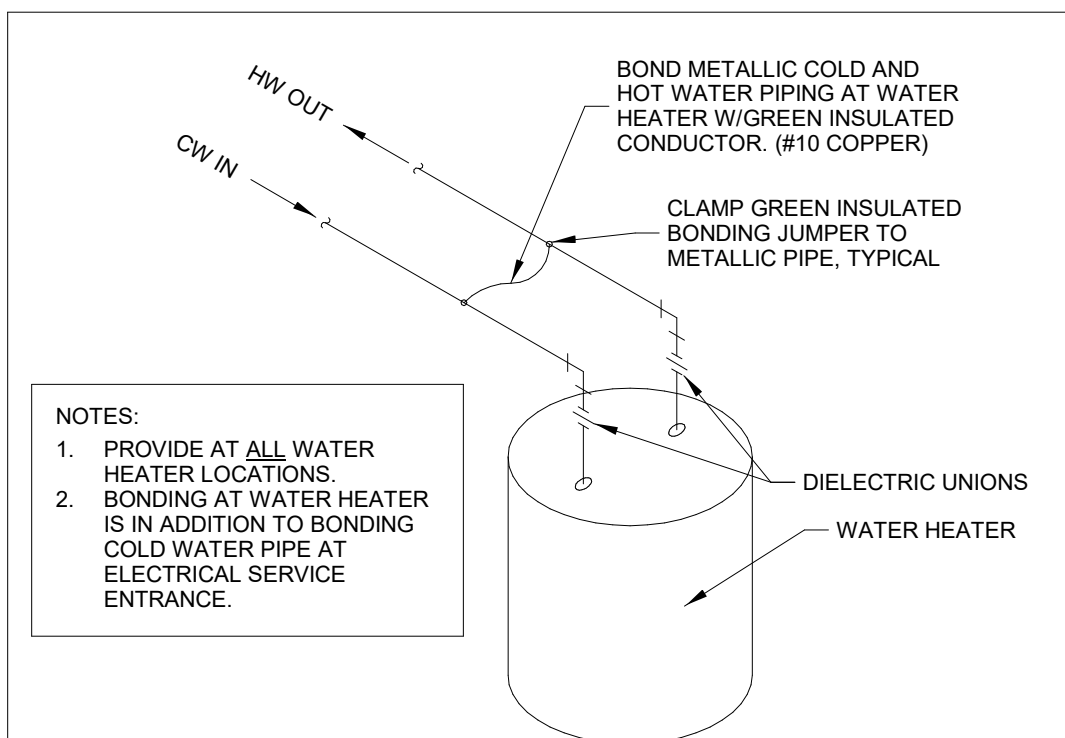


TYPICAL ISOLATED GROUND RECEPTACLE

ELECTRIC SERVICE RESPONSIBILITIES

SEE SITE PLAN FOR UTILITY COMPANY CONTACT.					
ITEM NO.	DESCRIPTION (IF APPLICABLE)	FURNISHED BY		INSTALLED BY	
		UTILITY CO.	CONTRACTOR	UTILITY CO.	CONTRACTOR
1	SERVICE LATERAL		X		X
2	SERVICE LATERAL RACEWAY		X		X
3	METER BASE	X			X
4	METER	X		X	
5	CT CABINET		X		X
6	OH SERVICE RISER @ BUILDING				
7	TRANSFORMER POLE	X		X	
8	SERVICE RISER @ POLE		X		X
9	TRANSFORMER PAD				
10	PAD MOUNT TRANSFORMER				

DOT-HATCH REPRESENTS CIRCUITS THAT ARE ASSOCIATED WITH OPTIONAL STANDBY GENERATOR CONTROL.



METALLIC WATER PIPE BONDING

PANELBOARD: PLP

BUS AMPS: 400 A MAIN SIZE/TYPE: MLO VOLTS/PHASE: 120/208 Wye,3PH,4W SERVES: GENERAL LOCATION: PARTS AREA "C" 105 MOUNTING: SURFACE															IG BUS GROUND BUS														
	Load Name	NOTE	WIRE	BKR AMP	PL	A		B		C		PL	BKR AMP	WIRE	NOTE	Load Name													
1	RECPT PHONE/SECURITY	TF	12	20 A	1	540	360					1	20 A	12	--	FRONT COUNTER IG	2												
3	PHONE BOARD		12	20 A	1			180	360			1	20 A	12	TF	FRONT COUNTER IG	4												
5	WC/RR		12	20 A	1					900	360	1	20 A	12	--	FRONT COUNTER IG	6												
7	RECPT OFFICE IG	TF	12	20 A	1	180	360					1	20 A	12	--	FRONT COUNTER IG	8												
9	RECPT OFFICE		12	20 A	1			540	360			1	20 A	12	--	FRONT COUNTER IG	10												
11	RECPT OFFICE IG	TF	12	20 A	1					180	360	1	20 A	12	--	COKE MACHINE	12												
13	RECPT OFFICE BATT BACK		12	20 A	1	180	540					1	20 A	12	--	RECPT AREA A/B.R.	14												
15	RECPT PARTS AREA C		12	20 A	1			360	180			1	20 A	12	--	MICROWAVE	16												
17	RECPT LATHE		10	20 A	1					1,700	180	1	20 A	12	--	FRIG	18												
19	RECPT INSTALLER IG	TF	12	20 A	1	360	360					1	20 A	12	TF	PRINTER	20												
21	RECPT INSTALLER	TF	12	20 A	1			180	0			1	20 A	12	--	PWR FA (IF REQ'D)	22												
23	RECPT TEST BOX		12	20 A	1					180	180	1	20 A	12	--	START/ALT TEST	24												
25	RECPT CHECK IN		12	20 A	1	180	90					1	20 A	--	--	LCP	26												
27	START/ALT TEST		12	20 A	1			180	180			1	20 A	12	--	HYDRAULIC HOSE...	28												
29	START/ALT TEST		12	20 A	1					180	0	1	20 A	--	--	SPARE	30												
31	START/ALT TEST		12	20 A	1	180	0					1	20 A	--	--	SPARE	32												
33	POLE SIGN	TF	8	20 A	1			1,200	0			1	20 A	--	--	SPARE	34												
35											0	1	20 A	--	--	SPARE	36												
37	FRONT COUNTER IG		12	20 A	1	720	0					--	--	--	--	SPACE	38												
39	FRONT COUNTER IG		12	20 A	1			360	0			--	--	--	--	SPACE	40												
41	FRONT COUNTER IG		12	20 A	1					360	0	--	--	--	--	SPACE	42												
TOTAL CONNECTED						4.05		4.08		4.58		KVA																	
TOTAL CONNECTED						33.75		34.04		38.21		AMPS																	
TOTAL LOAD						12.71		KVA		35.28		AMPS																	
PER NEC ARTICLE 220 FEEDER LOAD						12.27		KVA		34.06		AMPS																	

Enclosed Safety Switches
General Duty Safety Switches

Table 9: Fusible Safety Switch Short Circuit Current Rating

Fuse Class	UL Listed Short Circuit Rating
Plug	10 kA
H, K	10 kA
J ¹ , R	100 kA
T ²	100 kA

¹ Only applicable to 200–600 A except D325NT, D325NTR, D326NT and D326NTR.

² Only applicable to D325NT, D325NTR, D326NT, D326NTR, T327N and T327NR.

Table 10: Non-Fusible Safety Switch Short Circuit Current Rating

Fuse Class or Circuit Breaker Type ¹	UL Listed Short Circuit Rating
Any Brand Circuit Breaker	10 kA
H or J PowerPact Circuit Breaker	Up to 65 kA ²
H, K	10 kA
J, R	100 kA ³
T	100 kA ⁴

¹ Ampere rating of fuse or circuit breaker not to exceed switch ampere ratings.

² Only applicable to DU324 and DU324NRB. HD, JD = 25 kA maximum.

³ SCCR = 50 kA, applicable to DU222RB, DU322 and DU322RB.

⁴ Only applicable to DU323, DU323RB, DU325 and DU326.

Standards

General duty safety switches are manufactured in accordance with these standards:

- UL 98, Standard for Enclosed and Dead Front Switches. UL Listed File E2875
- NEMA Standards Publication KS1, Enclosed Switches
- Federal Specifications WS-865c for Type NDS (Type 1) and Type LD (Type 3R)

Table 11: Terminal Lug Data¹

Ampere Rating	Conductors Per Phase	Wire Range Wire Bending Space Per NEC® Table 312.6 AWG/kcmil	Lug Wire Range AWG/kcmil
30 ²	1	12–8 (Al) or 14–8 (Cu)	12–8 (Al) or 14–8 (Cu)
30		12–6 (Al) or 14–6 (Cu)	12–6 (Al) or 14–6 (Cu)
60	1	12–3 (Al) or 14–3 (Cu)	12–2 (Al) or 14–2 (Cu)
100	1	12–1 (Al) or 14–1 (Cu)	12–1/0 (Al) or 14–1/0 (Cu)
200	1	6–250 (Al/Cu)	6–300 (Al/Cu)
400 Type 1	1 or 2	1/0–600 (Al/Cu) or 1/0–300 (Al/Cu)	(1) 1/0–750 (Al/Cu) or E6–14
400 Type 3R	2	1/0–250 (Al/Cu)	(2) 1/0–300 (Al/Cu)
600	2	1/0–250 (Al/Cu)	(1) 1/0–600 (Al/Cu) or (2) 1/0–250 (Al/Cu)
800	3	3/0–500 (Al/Cu)	3/0–500 (Al/Cu)

¹ 30–100 A switches suitable for 60°C (140 °F) or 75°C (167 °F) conductors. 200–800 A switches suitable for 75°C (167 °F) conductors.

² Light duty switches only.

Heavy Duty Enclosed Safety Switches
General Information

Table 44: Terminal Lug Data¹

Rating (A)	Wires Per Phase and Neutral	Wire Range Wire Bending Space Per NEC Table 312.6 AWG/kcmil	Lug Wire Range AWG/kcmil	Optional ² Versa-Crimp™ Compression Lug Field-Installed	Optional Copper Only Versa-Crimp™ Compression Lug Field-Installed ^{2,3}
30	1	12–4 (Al) or 14–8 (Cu)	12–2 (Al) or 14–2 (Cu)	—	C10–14 ⁴ , D8–14, or E6–14
	2	12–10 (Al) or 14–10 (Cu)	12–2 (Al) or 14–2 (Cu)	—	C10–14 ⁴ , D8–14, or E6–14
60 ⁵	1	12–10 (Al) or 14–10 (Cu)	12–10 (Al) or 14–10 (Cu)	—	—
100 ⁶	1	12–10 (Al) or 14–10 (Cu)	12–10 (Al) or 14–10 (Cu)	—	—
200 ⁷	1	6–250 (Al/Cu)	6–300 (Al/Cu)	—	—
400 ⁸	1 or 2	1/0–750 (Al/Cu) or 1/0–300 (Al/Cu)	1/0–750 (Al/Cu) and 1/0–300 (Al/Cu)	—	—
600	2	3/0–500 (Al/Cu)	3/0–500 (Al/Cu)	—	—
800	3	3/0–500 (Al/Cu)	3/0–500 (Al/Cu)	—	—
1200	4	3/0–750 (Al/Cu)	3/0–750 (Al/Cu)	—	—

¹ 30–100 A switches suitable for 60°C (140 °F) or 75°C (167 °F) conductors. 200–1200 A switches suitable for 75°C (167 °F) conductors.

² Hubbell Versa-Crimp™ unless otherwise noted.

³ For Type 1, 120R, 12K and 4X/5 stainless steel switches only.

⁴ Order C10–14, D8–14 and E6–14 from Thomas and Betts.

⁵ H200FA and H200FA1212 — use 75°C (167 °F) copper wire only. #0 AWG copper wire required for 80 A rating.

⁶ H100XFA and H100XFA1212 — use 75°C (167 °F) copper wire only. #3 AWG copper wire required for 100 A rating.

⁷ H225XJG and H225XJGAA — use 75°C (167 °F) copper wire only. Lug wire range is #3 AWG – 350 kcmil. Not UL Listed due to inadequate wire bending space (5 in. (127 mm) on the ON end, 6 in. (152 mm) on the OFF end).

⁸ Maximum wire bending space allows for (1) 600 kcmil or (2) 300 kcmil Al/Cu on Type 4X/5 stainless steel and Type 12/3R, 12K switches.

⁹ For Type 1 and 3R only. For Type 4X/5 stainless steel and Type 12/3R, 12K use VCELO0303BH1 (Al/Cu) or VCELO0303BH1 (Cu) only. Order two PK518N mounting kits when installing VCELO0303BH1 lugs. Only one kit is required on two-pole switches. PK561N consists of four 5/16–18 (7 mm) Keps Nuts.

¹⁰ For Type 4X/5 stainless steel and Type 12/3R, 12K use VCELO0303BH1 (Al/Cu) or VCELO0303BH1 (Cu) only. Order two PK518N mounting kits when installing VCELO0303BH1 or VCELO0303BH1 lugs. Only one kit is required on two-pole switches. PK561N consists of four 5/16–18 (7 mm) Keps Nuts.

¹¹ For 800 and 1200 A compression lug kits, see Table 37 on page 34 for additional information.

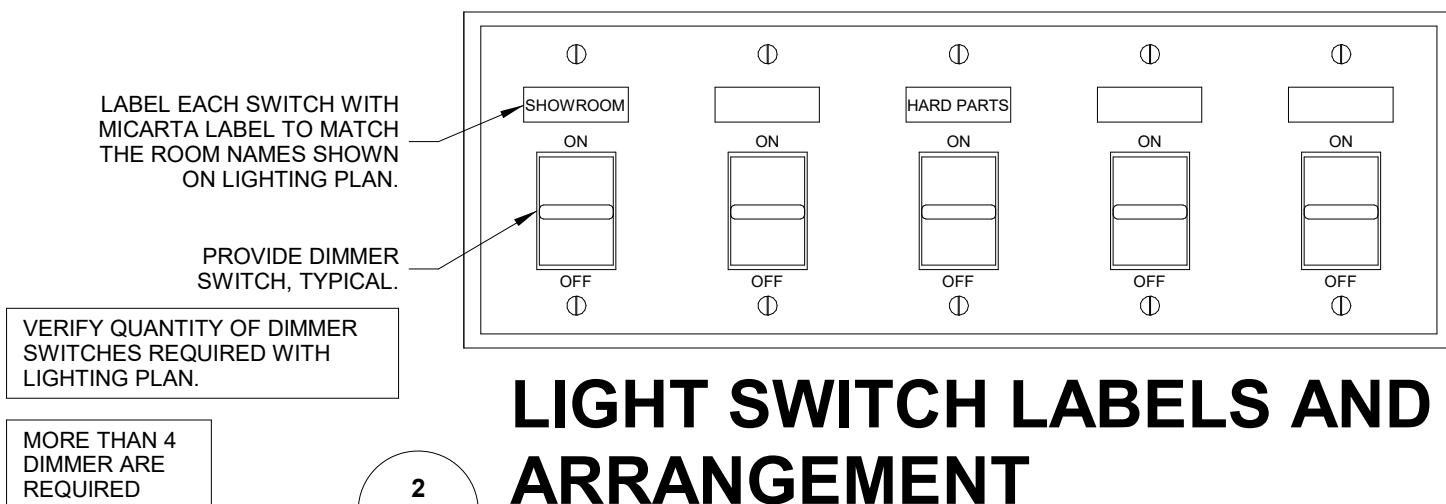
GENERAL ELECTRICAL NOTES

- DRAWINGS ARE DIAGRAMMATIC & ARE NOT TO BE SCALED. SEE THE ARCHITECTURAL PLANS & FIELD VERIFY CONDITIONS FOR DIMENSIONS.
- ALL ELECTRICAL WORK SHALL COMPLY WITH THE EDITION OF NFPA 70-NATIONAL ELECTRIC CODE (NEC) AS NOTED ON THE CODE SUMMARY SHEET.
- ALL WIRING SHALL BE IN CONDUIT, EXCEPT THAT MC-CABLE MAY BE SUBSTITUTED ONLY AS FOLLOWS:
A. MC-CABLE (MAXIMUM CABLE LENGTH OF 10'-0") MAY BE INSTALLED ONLY FOR BRANCH CIRCUIT WIRING TO LIGHT FIXTURES.
B. MC-CABLE (MAXIMUM CABLE LENGTHS SHOWN ON DETAIL 2/E2.0) MAY BE INSTALLED ONLY ABOVE SLAB AND ONLY AT LOCATIONS INDICATED ON SHEET E2.0.
- FEEDER CONDUIT SHALL BE IMC OR RGS ABOVE GRADE & PVC BELOW GRADE WITH IMC OR RGS ELLS & RISERS. INTERIOR BRANCH CIRCUIT CONDUIT SHALL BE ELECTRICAL METALLIC TUBING. EXTERIOR BRANCH CIRCUIT CONDUIT SHALL BE PVC BELOW GRADE WITH IMC OR RIGID GALVANIZED STEEL CONDUIT CONTINUING ABOVE GRADE. (SPEC 26 05 33)
- COORDINATE ALL WORK WITH OTHER TRADES TO AVOID CONFLICTS. COORDINATION DOES NOT MEAN "I WAS HERE FIRST."
- ALL WIRING IN FINISHED SPACES SHALL BE CONCEALED, UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A COMPLETE & FUNCTIONAL SYSTEM IN ACCORDANCE WITH THE INTENT OF THE PLANS, WHETHER OR NOT EVERY ELEMENT THEREOF IS SPECIFICALLY CALLED OUT.
- COORDINATE ALL EQUIPMENT ROUGH-IN CONNECTION REQUIREMENTS.
- ALL OUTLET BOXES SHALL BE METALLIC. (SPEC 26 05 34)
- ALL CAULKING ON BUILDING PENETRATIONS SHALL BE ELASTOMERIC POLYURETHANE (NO EXCEPTIONS), EQUAL TO "VULKEM" 116. ANY CONTRACTOR WHO USES SILICONE OR ANY OTHER CAULKING WILL BE REQUIRED TO REMOVE & REPLACE WITH ELASTOMERIC POLYURETHANE.
- RECEPTACLES INSTALLED IN RESTROOMS SHALL BE GFCI TYPE OR SHALL BE PROTECTED BY A GFI DEVICE.

- ALL DEVICES SHALL BE IVORY & SHALL BE EQUAL TO THE FOLLOWING:
SINGLE POLE SWITCHES --
THREE-WAY SWITCHES --
DUPLEX RECEPTACLE -- (SPEC 26 27 26)
GFCI DUPLEX RECEPTACLE --
ISO. GRD. RECEPTACLES --

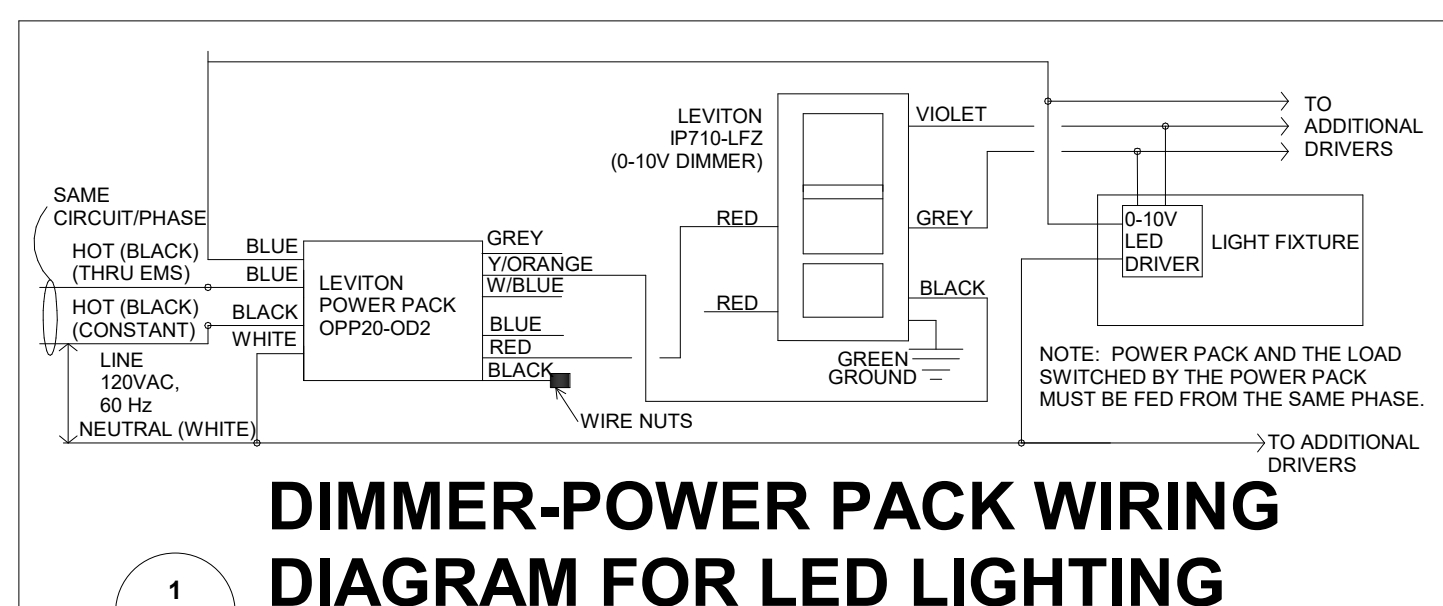
- USE DEVICE PLATES MANUFACTURED BY THE DEVICE MANUFACTURER. (SPEC 26 27 26)
- FEEDER & BRANCH CIRCUIT CONDUCTORS SHALL BE COPPER, STRANDED, 600V THHN/THWN INSULATION. EXCEPTION: WIRE SIZES #10 AWG & SMALLER SHALL BE SOLID. (SPEC 26 05 19)
- CONTRACTOR SHALL PROVIDE A TYPED CIRCUIT DIRECTORY FOR ALL PANELS. (SPEC 26 05 53)
- CONTRACTOR SHALL PROVIDE A ONE(1) YEAR WARRANTY ON ALL WORK PERFORMED.
- CONTRACTOR SHALL PROVIDE NEW WORKING LAMPS IN ALL LIGHT FIXTURES AT JOB COMPLETION.
- CONTRACTOR SHALL COORDINATE WITH & SHALL INCLUDE ALL FEES FOR THE SERVING "ELECTRIC UTILITY CO." TO PROVIDE ELECTRIC SERVICE AS SHOWN. CONTRACTOR SHALL ALSO INCLUDE ALL FEES FOR THE "SERVING" PHONE COMPANY TO INSTALL NO LESS THAN 10 PAIR CABLE TO BUILDING.
- CONTRACTOR SHALL ARRANGE FOR & INCLUDE ALL PERMITS & FEES FOR HIS SCOPE OF WORK.
- CONTROL WIRING BY HVAC CONTRACTOR. FINAL CONNECTIONS BY HVAC CONTRACTOR. SEE SHEET M1.0.
- APPROVED MANUFACTURERS:
A. PANELBOARDS & SAFETY SWITCHES (DISCONNECTS):
-- "SQUARE D"
-- "G.E."
-- "SEIMENS"
-- "OUTLER-HAMMER"
B. DEVICES:
-- "HUBBELL"
-- "LEVITON"
-- "PASS & SEYMOUR"
-- "HUBBELL"
C. FLOOR BOXES:
-- "STEEL CITY"
-- "APPLETON"
-- "HUBBELL"
(SPEC 26 27 26) (SPEC 26 05 34)
- MULTI-WIRE BRANCH CIRCUITS WITH A "SHARED NEUTRAL" ARE NOT ALLOWED FOR SINGLE PHASE CIRCUITS.
- ALL BRANCH CIRCUITS SHALL HAVE AN EQUIPMENT GROUNDING CONDUCTOR ROUTED WITH THE CIRCUIT CONDUCTORS. THIS MEANS THAT ALL CONDUITS MUST HAVE A "GREEN" WIRE INSTALLED IN THEM AND SIZED IN ACCORDANCE WITH TABLE 250.122 OF THE NEC.

SEE LIGHTING PLAN FOR ACTUAL QUANTITY OF DIMMER SWITCHES REQUIRED.



LIGHT SWITCH LABELS AND ARRANGEMENT

2
E4.0
N.T.S



DIMMER-POWER PACK WIRING DIAGRAM FOR LED LIGHTING

1
E4.0
N.T.S

EMERGENCY/EXIT LIGHTING

PLACE EXIT SIGNS HIGH ENOUGH TO BE SEEN ABOVE ALL MERCHANDISE WITH THE FOLLOWING LIMITATION: THE MAXIMUM HEIGHT FOR AN EXIT LIGHT ASSOCIATED WITH A SPECIFIC OPENING (I.E. MOUNTED OVER A DOOR OR OPENING) SHALL BE NO GREATER THAN THE CODE ALLOWED 6'-8" ABOVE THE TOP EDGE OF THE DOOR OR OPENING.

ELECTRICAL SYMBOL LEGEND & ABBREVIATIONS

- SINGLE POLE SWITCH
- TWO POLE SWITCH
- THREE-WAY SWITCH
- MOTOR STARTING SWITCH WITH PILOT LIGHT
- CLASS 1, DIVISION 1 HAZARDOUS LOCATION RATED SWITCH ASSEMBLY
- WALL MOUNTED OCCUPANCY SENSOR EQUAL TO "SENSORSWITCH WSX D IV"
- WALL MOUNTED OCCUPANCY SENSOR EQUAL TO "SENSORSWITCH WSX 2F AN-I" CONTRACTOR SHALL DISABLE MANUAL SWITCHES PER MANUFACTURERS INSTRUCTIONS. SWITCH SHALL BE FULLY AUTOMATIC.*
- FAN SPEED SWITCH (SUPPLIED BY HVAC CONTRACTOR / INSTALLED BY ELECTRICAL CONTRACTOR)
- 0-10V LED DIMMER SWITCH, EQUAL TO "LEVITON, IP710-LFZ". SEE DETAILS THIS SHEET (5-GANG MAX)
- LEVITON POWER PACK OPP20-002
- SINGLE RECEPTACLE
- DUPLEX RECEPTACLE
- ISOLATED GROUND DUPLEX RECEPTACLE. DEVICES AND COVERPLATE SHALL BE ORANGE. SEE DETAIL 1/E3
- DUPLEX RECEPTACLE. DEVICES AND COVERPLATE SHALL BE RED
- ISOLATED GROUND DUPLEX RECEPTACLE. DEVICES AND COVERPLATE SHALL BE RED
- QUADPLEX RECEPTACLE (TWO DUPLEX RECEPTACLES IN ONE 2-GANG BOX UNDER A SINGLE COVERPLATE)
- EXISTING UNPOWERED DUPLEX RECEPTACLE
- ISOLATED GROUND QUADPLEX RECEPTACLE (TWO ISO. GRD. DUPLEX RECEPTACLES IN ONE 2-GANG BOX UNDER A SINGLE COVERPLATE. DEVICES AND COVERPLATE SHALL BE RED
- QUADPLEX RECEPTACLE (CIRCUIT TO BE WIRED THRU OCCUPANCY SENSOR) INSTALL A PERMANENT LABEL ON EACH OUTLET STATING "SENSOR CONTROLLED OUTLET". SEE DETAIL ON SHEET E2
- ABOVE COUNTER GFCI (GROUND FAULT CIRCUIT INTERRUPTING) DUPLEX RECEPTACLE
- WEATHER PROOF GFCI (GROUND FAULT CIRCUIT INTERRUPTING) DUPLEX RECEPTACLE. COVER TO PROVIDE WEATHER PROOF PROTECTION WITH CORD AND PLUG IN USE
- TELE-POWER POLE
- JUNCTION BOX
- PHOTOCCELL
- COMPUTER DATA OUTLET BOX.
- TELEPHONE OUTLET BOX.
- TELEPHONE OUTLET FLOOR BOX. REFER 4/E2.0
- 4" SQUARE STEEL BOX MOUNTED FLUSH ON FLOOR W/QUADPLEX ISOLATED GROUND RECEPTACLE DESCRIPTION). REFER 4/E2.0 FOR INSTALLATION OF BOX.
- 4" SQUARE STEEL BOX MOUNTED FLUSH ON FLOOR W/QUADPLEX ISOLATED GROUND RECEPTACLE (SEE ABOVE ISOLATED GROUND RECEPTACLE DESCRIPTION). REFER 4/E2.0 FOR INSTALLATION OF BOX
- 4" SQUARE STEEL BOX MOUNTED FLUSH ON FLOOR W/QUADPLEX ISOLATED GROUND RECEPTACLE (SEE ABOVE ISOLATED GROUND RECEPTACLE DESCRIPTION). REFER 4/E2.0 FOR INSTALLATION OF BOX. DEVICES AND COVERPLATE SHALL BE RED.
- 2" x 4" RECTANGULAR STEEL BOX MOUNTED FLUSH ON FLOOR W/DUPLEX RECEPTACLE (SEE ABOVE RECEPTACLE DESCRIPTION). REFER 4/E2.0 FOR INSTALLATION OF BOX
- NEMA L5-30R - SPECIAL RECEPTACLE
- MOTOR
- FUSED DISCONNECT (SAFETY) SWITCH W/ SWITCH AMPACITY / FUSE AMPACITY AS INDICATED
- NON-FUSED DISCONNECT (SAFETY) SWITCH
- POWER OR LIGHTING PANEL W/PANEL DESIGNATION SHOWN ON PLAN (SIZES & MOUNTING INDICATED ON PLANS)
- 24 HOUR EGRESS & SECURITY LIGHT, WIRE DIRECT TO ELECTRIC PANEL AHEAD OF ANY LOCAL SWITCHES AND LIGHTING CONTROL PANEL
- WALL/CEILING MOUNTED COMBINATION "EXIT/EMERGENCY" SIGN W/SHADING INDICATING FACES
- EMERGENCY LIGHTING FIXTURE WITH BATTERY
- FEEDING PANEL AND CIRCUIT NUMBER(S)
NOTE: EQUIPMENT GROUND CONDUCTOR NOT SHOWN
CIRCUIT CONDUCTORS
GROUNDED CIRCUIT CONDUCTOR (OR NEUTRAL)
- MOTION DETECTOR - SEE EM SHEETS FOR MORE INFORMATION
- OCCUPANCY SENSOR EQUAL TO "LEVITON, OSC20-MAW" WITH POWER PACK

AC LOCATED ABOVE	RTU PACKAGED ROOFTOP	UPO UN-POWERED
AFF ABOVE FINISHED	IMC INTERMEDIATE METALLIC	TS TIME-ET
BCU BLOWER COIL	TUBING	W WALL OUTLET (46" AFF
CDU CONDENSING	LC LIGHTING CONTRACTOR	SEE MOUNTING
EF EXHAUST FAN	M MOTOR	WP WEATHERPROOF (ENCLOSURE)
FURN ELECTRIC FURNACE	R RED IN COLOR	X EXPLOSION PROOF ASSEMBLY
FURN GAS FURNACE	DEVICES & DEVICES	GFCI GRD./FAULT CIRCUIT
AHU AIR HANDLER	MP MOTOR STARTING	INTERRUPT
HP HEAT PUMP UNIT	WI WI/PILOT LIGHT	ELECTRICAL METALLIC TUBING
PP POWER PACK	NL NIGHT	CEILING MOUNTED
	PEC PHOTOELECTRIC CONTROL	
	RGS RIGID GALVANIZED STEEL	



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Engineer of Record
Keith Allen Williams, P.E.
Arkansas License No.12409
Firm Certificate No. 885

PROJECT:
RE-MODEL O'REILLY AUTO PARTS STORE
1101 N. ILLINOIS ST
HARRISBURG, AR 72432

ELECTRICAL NOTES

AUTO PARTS

O'Reilly
CORPORATE OFFICES:
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI
(417) 862-2674 TELEPHONE

DRAWN BY: MF
CHECKED BY: TJ

DATE:
04/26/2021

REVISION:

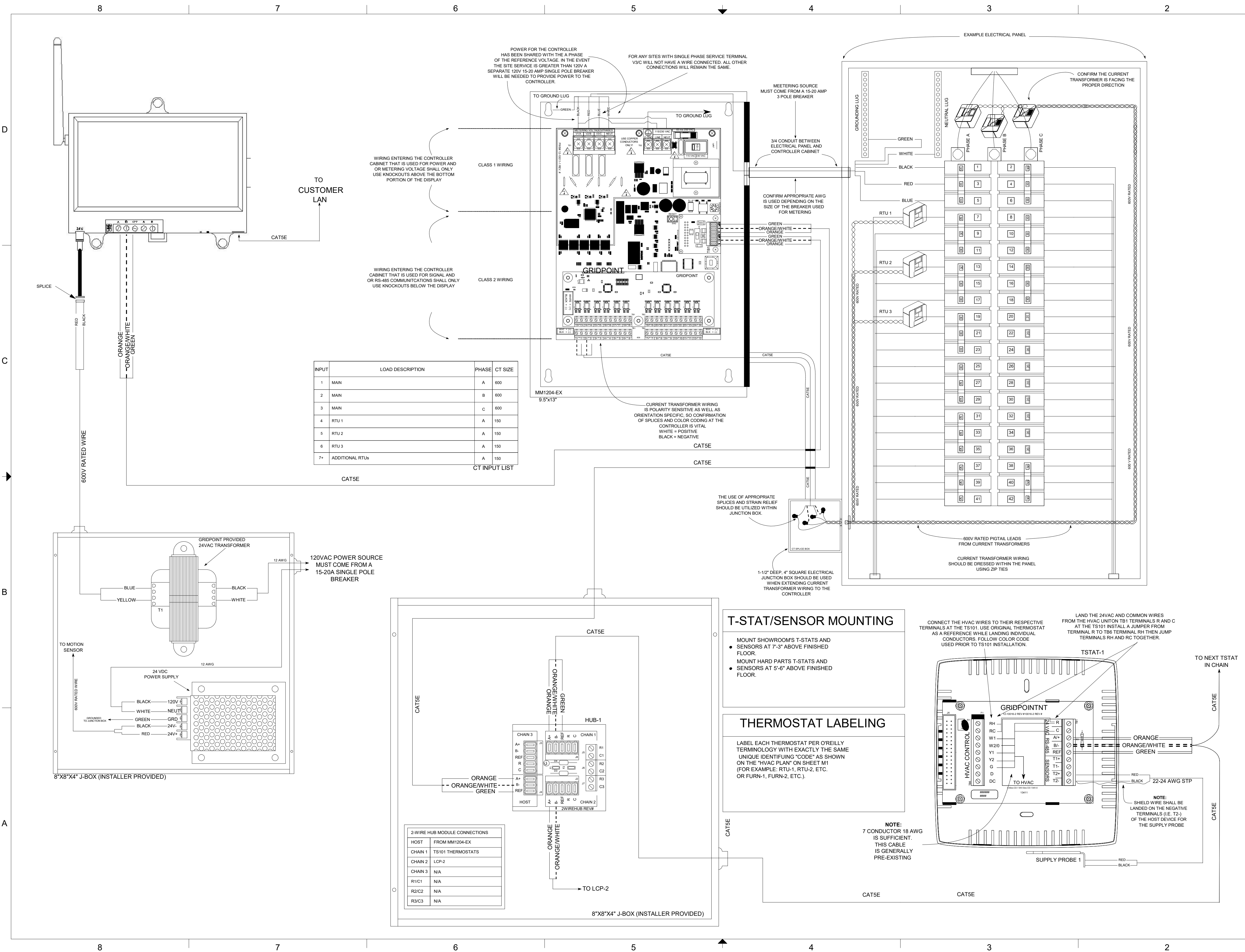
PROJECT NUMBER:
2021.0102

SHEET NUMBER:

E4.0

^[1] Supported by the Panelboard Product Selector.
^[2] The lug sizes shown are for the highest ampacity of the circuit breaker frame shown in the table.

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30401015



O'REILLY PREFERRED ONE LINE DIAGRAM

5305 VALLEY PARK DRIVE SUITE #2 - ROANOKE, VA - 24019

GRIDPOINT CONTACT

PLEASE CONTACT GRIDPOINT INSTALLATION MANAGEMENT @ 888-800-8008 FOR INSTALLATION CONTACT BASED ON THE STORE LOCATION. EMAIL: SUPPORT@GRIDPOINT.COM

THIS SHEET FOR INFORMATION AND BID PURPOSES ONLY

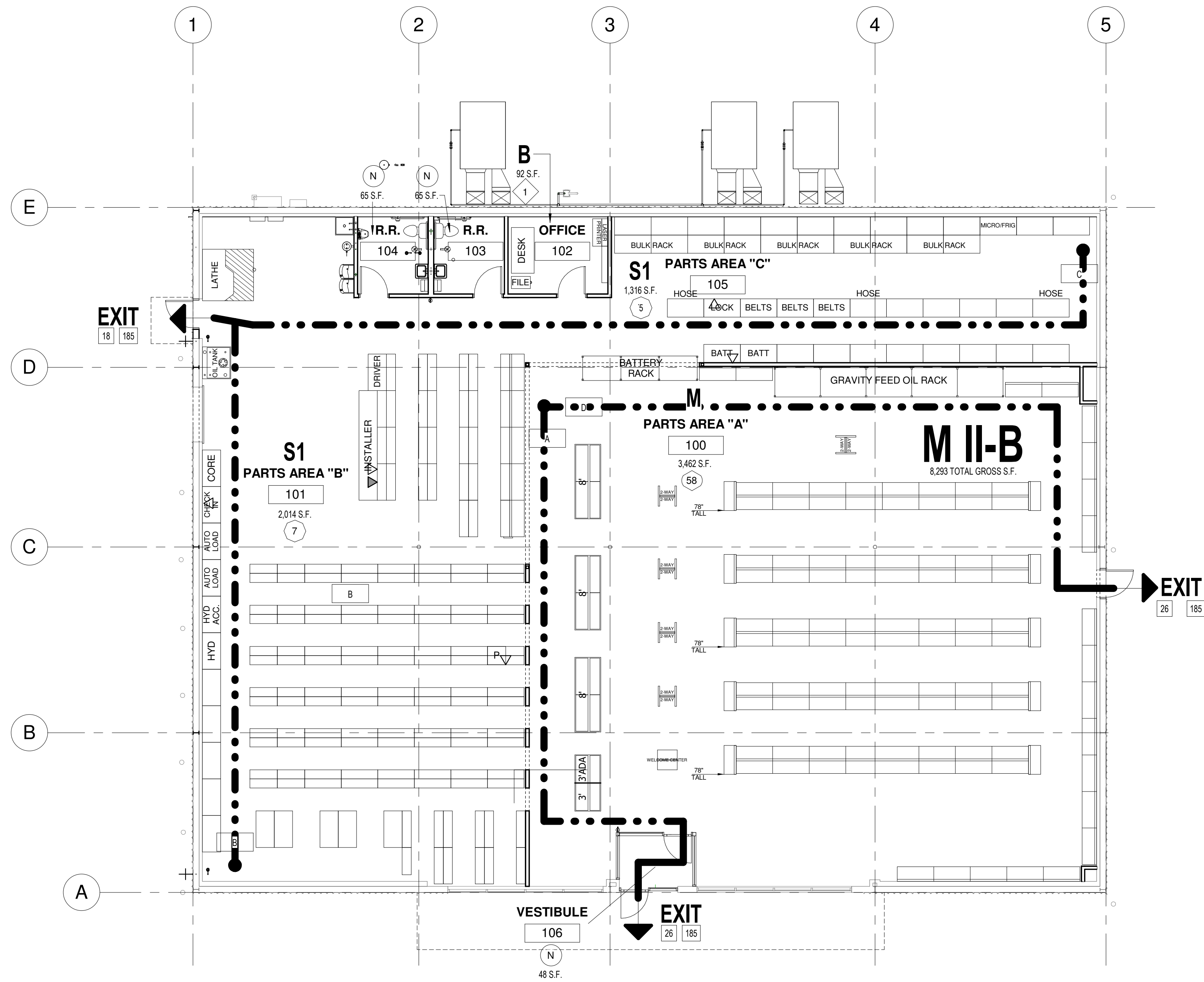
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PROJECT: RE-MODEL O'REILLY AUTO PARTS STORE
1101 N. ILLINOIS ST
HARRISBURG, AR 72432
GRIDPOINT EMS

O'Reilly AUTO PARTS
CORPORATE OFFICES:
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI
(417) 862-2674 TELEPHONE

DRAWN BY: Author CHECKED BY: Checker
DATE: 04/26/2021
REVISION:
PROJECT NUMBER: 2021.0102
SHEET NUMBER: EM1.0

[illegible]



1 CODE SUMMARY PLAN
1/8" = 1'-0"

PLAN NORTH

GENERAL NOTES

- A. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.
- B. REFER TO PLANS, SECTIONS, AND DETAILS FOR CONSTRUCTION OF FIRE RATED ASSEMBLIES. WHERE UNDERWRITERS LABORATORY (UL) TEST NUMBERS ARE REFERENCED, CONTRACTOR SHALL PROVIDE CONSTRUCTION MATERIALS, MEANS AND METHODS TO COMPLY WITH TESTED ASSEMBLY.
- C. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- D. OWNER FURNISHED AND INSTALLED FURNISHINGS AND FIXTURES SHOWN FOR REFERENCE ONLY.
- E. CONTRACTOR TO PROVIDE PORTABLE FIRE EXTINGUISHERS DURING CONSTRUCTION AS REQUIRED TO PROTECT THE WORK AREA AND EACH STORAGE UNIT AND JOB TRAILER PER THE FIRE CODE.
- F. SURFACE MOUNTED PORTABLE FIRE EXTINGUISHERS SHALL BE UL LISTED ABC TYPE, WITH 10 LBS. CAPACITY. REFER TO DETAIL 10/A4.2 FOR TYPICAL MOUNTING REQUIREMENTS.
- G. EXIT DISCHARGE DOORS, PROVIDE TACTILE EXIT SIGNS STATING "EXIT" WITH BRAILLE (GRADE 2 CONTRACTED) LETTERING. SIGN CONSTRUCTION AND MOUNTING TO COMPLY WITH ANSI A117.1. REFER TO FLOOR PLAN FOR LOCATIONS.

BUILDING CODE

BUILDING OFFICIAL CONTACT NUMBER:
COUNTY: POINSETT
ZIP CODE: 72432

GOVERNING CODES AND ORDINANCES
BUILDING CODE: 2012 AR FIRE PREV CODE - VOL II
PLUMBING CODE: 2006 AR PLUMBING CODE
MECHANICAL CODE: 2010 AR MECHANICAL CODE
ELECTRICAL CODE: 2017 NEC
FIRE CODE: 2012 AR FIRE PREV CODE - VOL I
ENERGY CODE: 2014 AR ENERGY CODE
ACCESSIBILITY CODE: ADA STANDARDS
FUEL/GAS CODE: 2012 IFGC
AMENDING ORDINANCE: N/A

USE GROUP & CONSTRUCTION TYPE
PRIMARY USE GROUP: M (MERCANTILE)
NONSEPARATED
CONSTRUCTION TYPE: II-B (NON-COMBUSTIBLE / NON-SPRINKLERED)

AREA MODIFICATIONS
NO. OF STORES: NOT APPLIED
FRONTAGE INCREASE: NOT PROVIDED
AUTOMATIC SPRINKLER INCREASE: NOT PROVIDED

ACTUAL HEIGHT & BUILDING AREA
NO. OF STORES: 1 STORY
IPO TABLE 403.1: 22'-6"
PRIMARY OCCUPANCY: (M) MERCANTILE
TOTAL OCCUPANCY: 71
GROSS BUILDING AREA: 7,493 SQ. FT.
NET BUILDING AREA: 7,062 SQ. FT.

FIRE PROTECTION SYSTEMS
AUTOMATIC SPRINKLER SYSTEM: NO REQUIRED/NO PROVIDED
PORTABLE FIRE EXTINGUISHERS: NO REQUIRED/NO PROVIDED
FIRE ALARM SYSTEM: NO REQUIRED/NO PROVIDED
AUTOMATIC DETECTION SYSTEM: NO REQUIRED/NO PROVIDED

STRUCTURAL DESIGN (REFER TO STRUCTURAL DRAWINGS)
1. LIVE LOADS - NOT APPLICABLE; EXISTING BUILDING
2. ROOF COLLATERAL LOADS - NOT APPLICABLE; EXISTING BUILDING
3. SNOW LOADS - NOT APPLICABLE; EXISTING BUILDING
4. WIND LOADS - 107 MPH
5. SEISMIC - RISK CATEGORY II, SEISMIC DESIGN CATEGORY B
6. BUILDING LATERAL DEFLECTION LIMITS - NOT APPLICABLE; EXISTING BUILDING

COMMERCIAL ENERGY EFFICIENCY CODE
COMPLIANCE WITH BUILDING ENERGY EFFICIENCY REQUIREMENTS BASED UPON APPLICABLE ENERGY CODE (PERFORMANCE METHOD).

CERTIFICATE OF COMPLIANCE AND CALCULATIONS TO BE PROVIDED UPON REQUEST UNDER SEPARATE COVER.

EGRESS PATH DISTANCE

EXIT PATH	DISTANCE
A	73' - 11 1/8"
B	59' - 6"
C	102' - 7 3/32"
D	82' - 2 11/32"

SYMBOLS LEGEND

M II-B
325 S.F.
32 180

PRIMARY USE GROUP: (MERCANTILE)
CONSTRUCTION TYPE: (COMBUSTABLE/PROTECTED)
ROOM SQUARE FOOTAGE:
DESIGN OCCUPANT LOAD SERVED BY EXIT:
MAXIMUM ALLOWABLE CAPACITY (EXAMPLE: 357/2 = 180):
OCCUPANT LOAD SERVED BY EXIT BUT NOT COUNTED IN TOTAL OCCUPANT LOAD:
ROOM OCCUPANT LOAD AT 60 SQ. FT. GROSS PER PERSON:
ROOM OCCUPANT LOAD AT 100 SQ. FT. GROSS PER PERSON:
ROOM OCCUPANT LOAD AT 300 SQ. FT. GROSS PER PERSON:
EXIT TRAVEL DISTANCE (LENGTH IN FEET; SEE EGRESS PATH DISTANCE TABLE)

N
25
28
28

PLUMBING FIXTURE SUMMARY

GENERAL
IPO TABLE 403.1
PRIMARY OCCUPANCY: (M) MERCANTILE
TOTAL OCCUPANCY: 71
OCCUPANCY LOAD CALCULATED PER SEX:
FEMALE: 71 / 2 = 36
MALE: 71 / 2 = 36

PLUMBING FIXTURES
WATER CLOSETS (URINALS): 1 PER 500
REQUIRED FOR FEMALE: 36/500 = 1
PROVIDED FOR FEMALE: 1
REQUIRED FOR MALE: 36/500 = 1
PROVIDED FOR MALE: 1 AND 1 URINAL

LAVATORIES: 1 PER 750
REQUIRED FOR FEMALE: 36/750 = 1
PROVIDED FOR FEMALE: 1
REQUIRED FOR MALE: 36/750 = 1
PROVIDED FOR MALE: 1

DRINKING FOUNTAINS: 1 PER 1,000
REQUIRED: 71/1000 = 1
PROVIDED: 2

SERVICE SINK REQUIRED: 1
SERVICE SINK PROVIDED: 1

PROJECT DATA

REAL ESTATE
PROPERTY GROSS AREA: EXISTING

BUILDING
BUILDING GROSS AREA: 7,493 GSF
BUILDING INTERIOR AREA: 7,062 SF

HAZARDOUS MATERIALS INVENTORY STATEMENT (HMIS)

- A. UPON REQUEST OWNER TO PROVIDE UNDER SEPARATE COVER, PROJECT HAZARDOUS MATERIALS INVENTORY STATEMENT (HMIS) FOR COMMODITY TYPES, HAZARD CLASS, AND QUANTITIES.
- B. OWNER RESPONSIBLE FOR MONITORING INVENTORY COMMODITY TYPES AND QUANTITIES TO NOT EXCEED CODE REQUIREMENTS.

OCCUPANT LOAD SUMMARY

ROOM OR AREA (REFER TO FLOOR PLAN)	AREA PER OCCUPANT(S.F.)	OCCUPANTS (QTY.)
100 - PARTS AREA "A"	60	58
101 - PARTS AREA "B"	300	7
102 - OFFICE	100	1
103 - RESTROOM	N/A	0
104 - RESTROOM	N/A	0
105 - PARTS AREA "C"	300	5
TOTAL OCCUPANCY		71



4/26/2021

SHEETS BEARING THIS SEAL ARE AUTHENTICATED. RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS OR INSTRUMENTS ARE DISCLAIMED.

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PROJECT:
REMODEL O'REILLY AUTO PARTS STORE
1101 N. ILLINOIS ST
HARRISBURG, ARKANSAS

CODE SUMMARY PLAN

O'Reilly
AUTO PARTS

CORPORATE OFFICES:
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI
(417) 862-2674 TELEPHONE

DRAWN BY: CM
CHECKED BY: JS

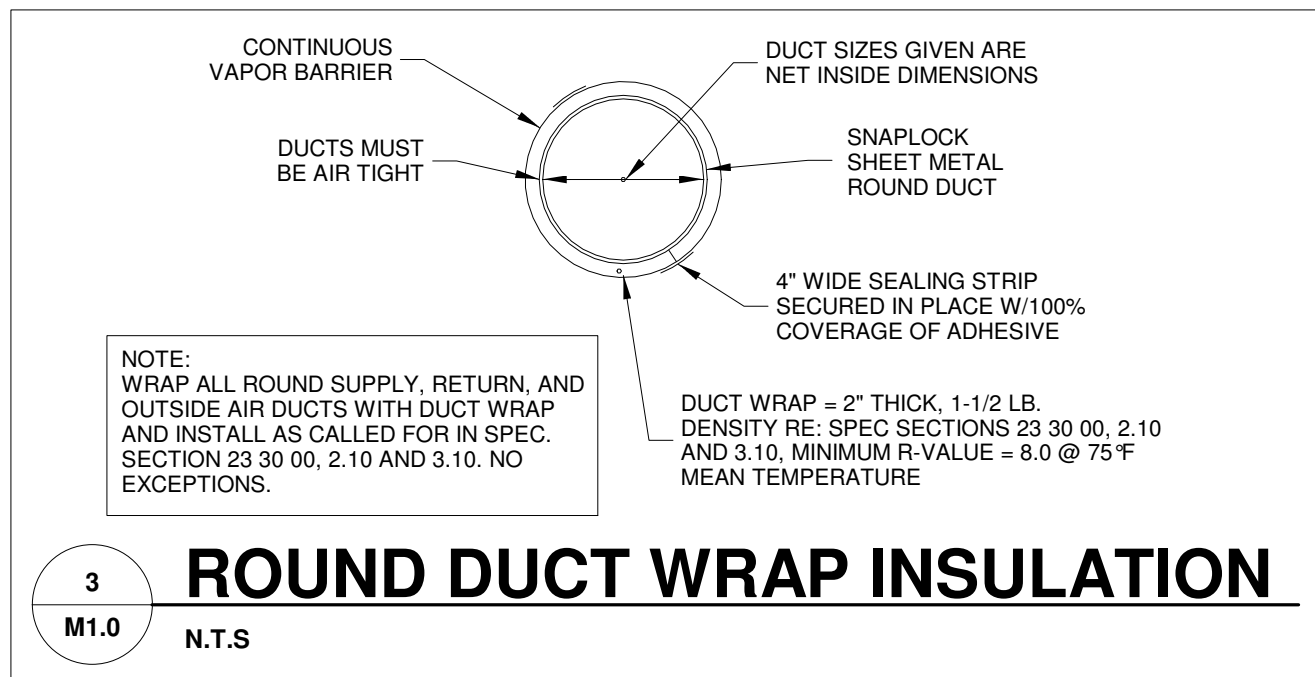
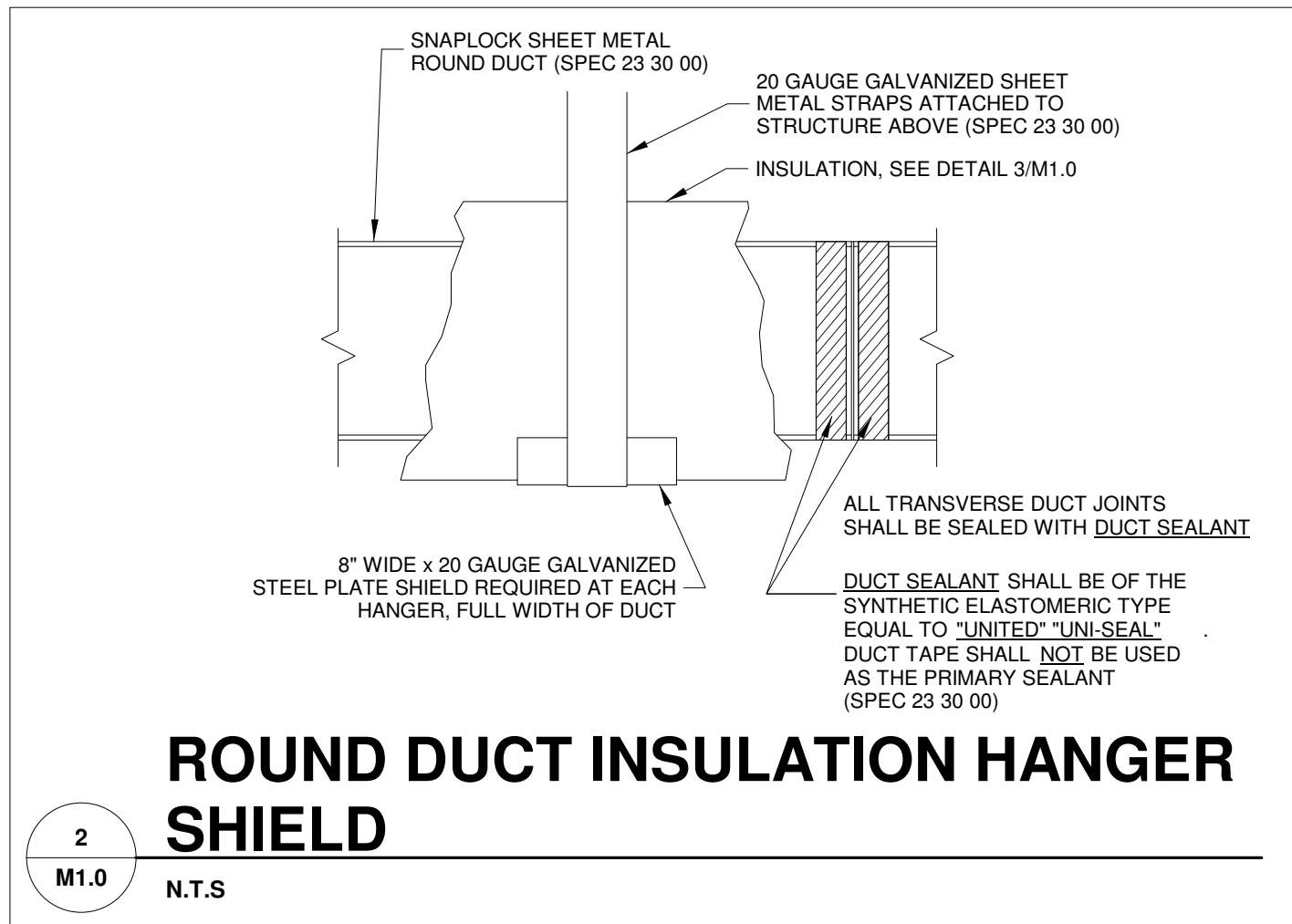
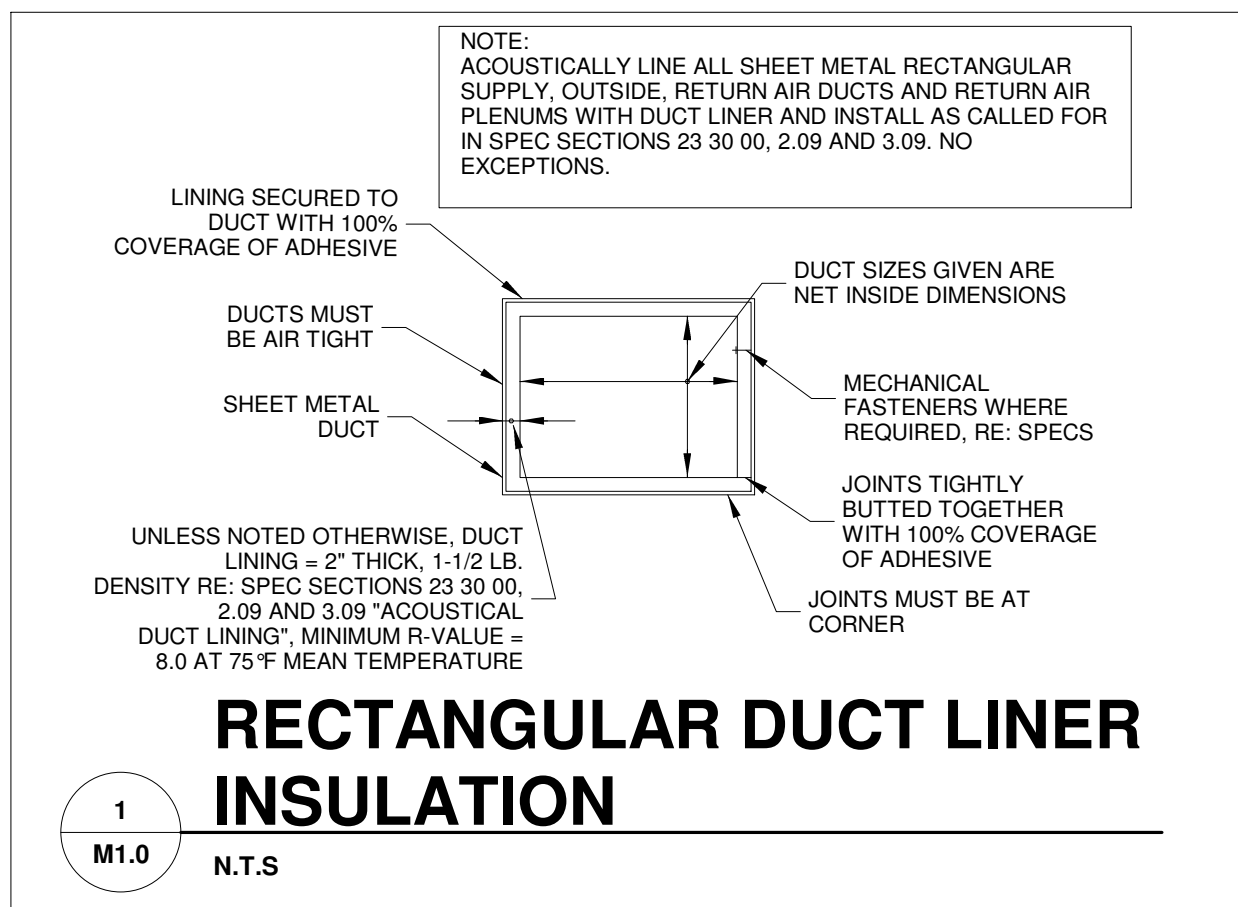
DATE:
04/19/2021

REVISION:
△

PROJECT NUMBER:
2021.0102

SHEET NUMBER:

G1.1



OUTSIDE AIR SETUP:	
	CONTRACTOR TO SET DAMPERS AS FOLLOWS:
	ECONOMIZER MODE MAXIMUM CFM PER UNIT 7.5 TON RTU = 3,000
	MINIMUM OUTSIDE AIR CFM PER ROOFTOP UNIT (TYPICAL) = 550 DURING OCCUPIED HOURS ONLY.

SEISMIC RESTRAINTS (ONLY REQUIRED FOR SEISMIC DESIGN CATEGORIES C,D,E,F)

CONTRACTOR TO REFER TO ARCHITECTURAL SHEET G1.1 FOR SEISMIC DESIGN CATEGORY.

IF REQUIRED SEE SEISMIC DETAILS SHEET ME1.

HVAC OUTDOOR AIR REQUIREMENTS	
MECHANICAL CODE REFERENCE: FOR REQUIRED OUTDOOR VENTILATION AIR IN RETAIL - "SALES/STORAGE ROOM"	
1. SHOWROOM = 3,527 SQUARE FEET	
2. HARD PARTS = 3,973 SQUARE FEET	
SHOWROOM (SALES):	
3,527 (SQUARE FEET) ÷ 1000 (SQUARE FEET) = 3.5270	
3.5270 x 15 (PERSONS/1000 SQUARE FEET) = 53 PERSONS	
(CFM/PERSON x PERSONS) ÷ (CFM/SQUARE FEET x SQUARE FEET) = CFM	
(7.5 x 53) ÷ (0.12 x 3,527) = 820.03 CFM OF OUTSIDE AIR REQUIRED	
820.03 ÷ 0.8 (EFFECTIVENESS) = 1025.03 CFM	
HARD PARTS (STORAGE ROOM):	
3,973 x 0.12 (CFM/SQUARE FEET) = 476.76 CFM OF OUTSIDE AIR REQUIRED	
476.76 ÷ 0.8 (EFFECTIVENESS) = 595.95 CFM	
1025 CFM + 596 CFM = 1,621 TOTAL CFM	
TOTAL OUTSIDE AIR MINIMUM REQUIRED BY CODE: 1,621 CFM	
OUTSIDE AIR SPECIFIED ON PLAN SHEET M1.0: 1,650 CFM	

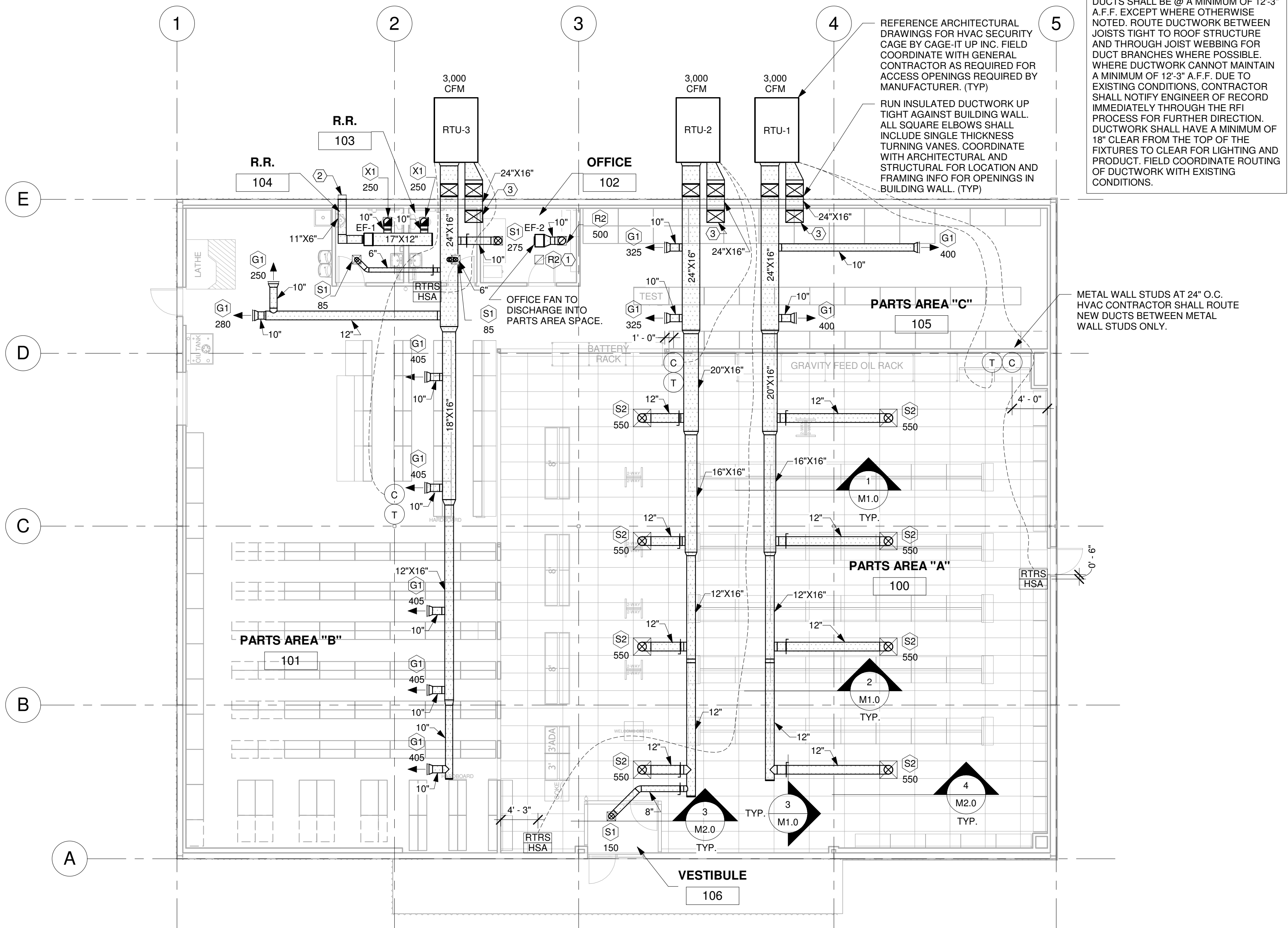
HVAC GENERAL NOTES		
1. DRAWING IS DIAGRAMMATIC AND IS NOT TO BE SCALED. REFER TO ARCHITECTURAL PLANS OR FIELD MEASUREMENTS FOR DIMENSIONS.	8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A COMPLETE AND FUNCTIONAL SYSTEM IN ACCORDANCE WITH THE INTENT OF THE PLANS, WHETHER OR NOT EVERY ELEMENT THEREOF IS SPECIFICALLY CALLED OUT.	17. ALL CAULKING ON BUILDING PENETRATIONS SHALL BE A ONE-COMPONENT NON-SAG URETHANE ELASTOMERIC SEALANT. ANY CONTRACTOR WHO USED SILICONE OR ANY OTHER CAULKING WILL BE REQUIRED TO REMOVE AND REPLACE WITH A SPECIFIED SEALANT (SPEC: 07 92 00).
2. ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE CODE(S) NOTED ON THE CODE SUMMARY SHEET.	9. DUCT DIMENSIONS ON PLANS ARE TO BE FINISHED INSIDE DIMENSIONS.	18. THE HVAC SYSTEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH NFPA 101-7-2 and NFPA 90A "STANDARD FOR THE INSTALLATION OF AIR CONDITIONING AND VENTILATION SYSTEMS".
3. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION PRIOR TO SUBMITTING THEIR BID. NO EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS.	10. DUCT MATERIALS SHALL BE AS FOLLOWS: ROUND SUPPLY AIR DUCT (SPEC 23 30 00) RECTANGULAR SUPPLY AND RETURN AIR DUCT WORK (SPEC 23 30 00) INSTALL TURNING VANES IN ALL ELBOWS. DO NOT SUBSTITUTE RADIUS ELBOWS. RUNOUTS TO DIFFUSERS - (SPEC 23 30 00) (SEE DIFFUSER INSTALLATION DETAIL) EXHAUST DUCT - (SPEC 23 30 00) TRANSITIONS - SHALL CONFORM TO SMACNA STANDARDS.	19. ALL HVAC SYSTEM FLUES & VENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH NFPA 54 (LATEST EDITION).
4. ALL ROOF AND WALL PENETRATIONS REQUIRED SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR. PROVIDE ALL SLEEVES, FLASHING, CURBS, REINFORCING ANGLES, SUPPORTING FRAMES, ETC., WHICH ARE REQUIRED UNLESS THEY ARE SPECIFICALLY CALLED OUT TO BE FURNISHED BY OTHERS.	11. INSULATE HVAC CONDENSATE DRAIN PIPING WITH 1/2" ARMAFLEX.	20. PROVIDE AIR FILTRATION MEDIA FOR OUTSIDE AND RETURN AIR PRIOR TO OCCUPANCY THAT PROVIDES AT LEAST A MINIMUM EFFICIENCY REPORTING VALUE (MERV) OF 8.
5. A SUBMITTAL OF ALL MATERIALS AND EQUIPMENT PROPOSED TO BE USED ON THE JOB SHALL BE PREPARED AS SOON AS POSSIBLE AFTER AWARD OF THE CONTRACT. THE SUBMITTAL WILL BE REVIEWED BY THE OWNER FOR EQUAL QUALITY AND PERFORMANCE TO THE ITEMS SPECIFIED. ALL CONTROL DEVICES SHALL BE INCLUDED IN THE SUBMITTAL.	12. ALL WORK IS TO BE GUARANTEED FOR ONE YEAR UPON OCCUPANCY.	21. COVERING OF DUCT OPENINGS AND PROTECTION OF MECHANICAL EQUIPMENT DURING CONSTRUCTION. AT THE TIME OF ROUGH INSTALLATION, OR DURING STORAGE ON THE CONSTRUCTION SITE AND UNTIL FINAL STARTUP OF THE HEATING AND COOLING EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, SHEET METAL OR OTHER METHODS ACCEPTABLE TO THE ENFORCING AGENCY TO REDUCE THE AMOUNT OF DUST OR DEBRIS WHICH MAY COLLECT IN THE SYSTEM.
6. THE PROPER PERFORMANCE OF THE CONTROL SYSTEM IS THE RESPONSIBILITY OF THE CONTRACTOR.	13. NO EQUIPMENT OR FIXTURE SUBSTITUTIONS (THAT ARE NOT CURRENTLY LISTED) WITHOUT PRIOR WRITTEN APPROVAL OF THE OWNER.	22. ALL HVAC CONDENSATE LINES SHALL RUN AT A MINIMUM SLOPE OF 1/8-INCH PER FOOT.
7. THE CONTRACTOR SHALL COOPERATE AND COORDINATE HIS WORK WITH THE WORK OF OTHER SUBCONTRACTORS OF THE PROJECT. COORDINATION DOES NOT MEAN "I WAS HERE FIRST".	14. UPON COMPLETION BALANCE SYSTEMS TO AIR FLOWS SHOWN. REPORT THE BALANCING MEASUREMENTS ON THE "AS BUILT" DRAWINGS.	
	15. MOUNT CONDENSATE AND REFRIGERANT LINES AS HIGH AS POSSIBLE.	
	16. CONTROL WIRING BY HVAC CONTRACTOR, FINAL CONNECTIONS BY HVAC CONTRACTOR.	

GENERAL MECHANICAL DEMOLITION NOTE	
ALL EXISTING MECHANICAL SYSTEMS, DUCTWORK, CONDENSATE LINES & EQUIPMENT, CONTROLS, ETC. TO BE REMOVED, CAPPED WATER AND WEATHER TIGHT AS NEEDED, IN ITS ENTIRETY UNLESS NOTED OTHERWISE WITHIN THIS SET OF CONSTRUCTION DOCUMENTS.	

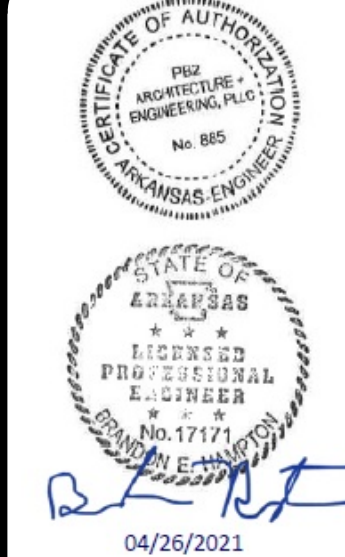
HVAC SYSTEMS TESTING & BALANCING	
THE HVAC SYSTEM SHALL BE TESTED AND BALANCED (T&B) BY THE CONTRACTOR PER SPEC SECTION: 23 05 93 AND IN ACCORDANCE WITH THE PROCEDURES OF AABC OR NEBB. CONTRACTOR SHALL SUBMIT WRITTEN T&B REPORTS TO THE OWNER. SINCE THIS O'REILLY STORE IS LESS THAN 50,000 SQ. FT. THEN SYSTEM COMMISSIONING IS NOT REQUIRED PER ASHRAE 90.1.	

HVAC ROOF BRACING CONFLICTS	
CONTRACTOR TO FIELD VERIFY ROOF'S HORIZONTAL ROD BRACING LOCATIONS. IF NECESSARY, SHIFT ROOFTOP UNITS AND DUCTS AS REQUIRED TO AVOID CONFLICT WITH BRACING.	

HVAC - KEYNOTES	
①	12"x12" DUCT WITH ELBOW FROM "R2" TO JUST ABOVE THE CEILING PLATFORM.
②	WALL CAP 500 CFM EXHAUST. ARCHITECTURAL ELEVATIONS SHOW DIMENSIONED LOCATION.
③	TURN DUCT UP AND COVER OPENING WITH WIRE MESH SCREEN.



N
HVAC PLAN
1/8" = 1'-0"



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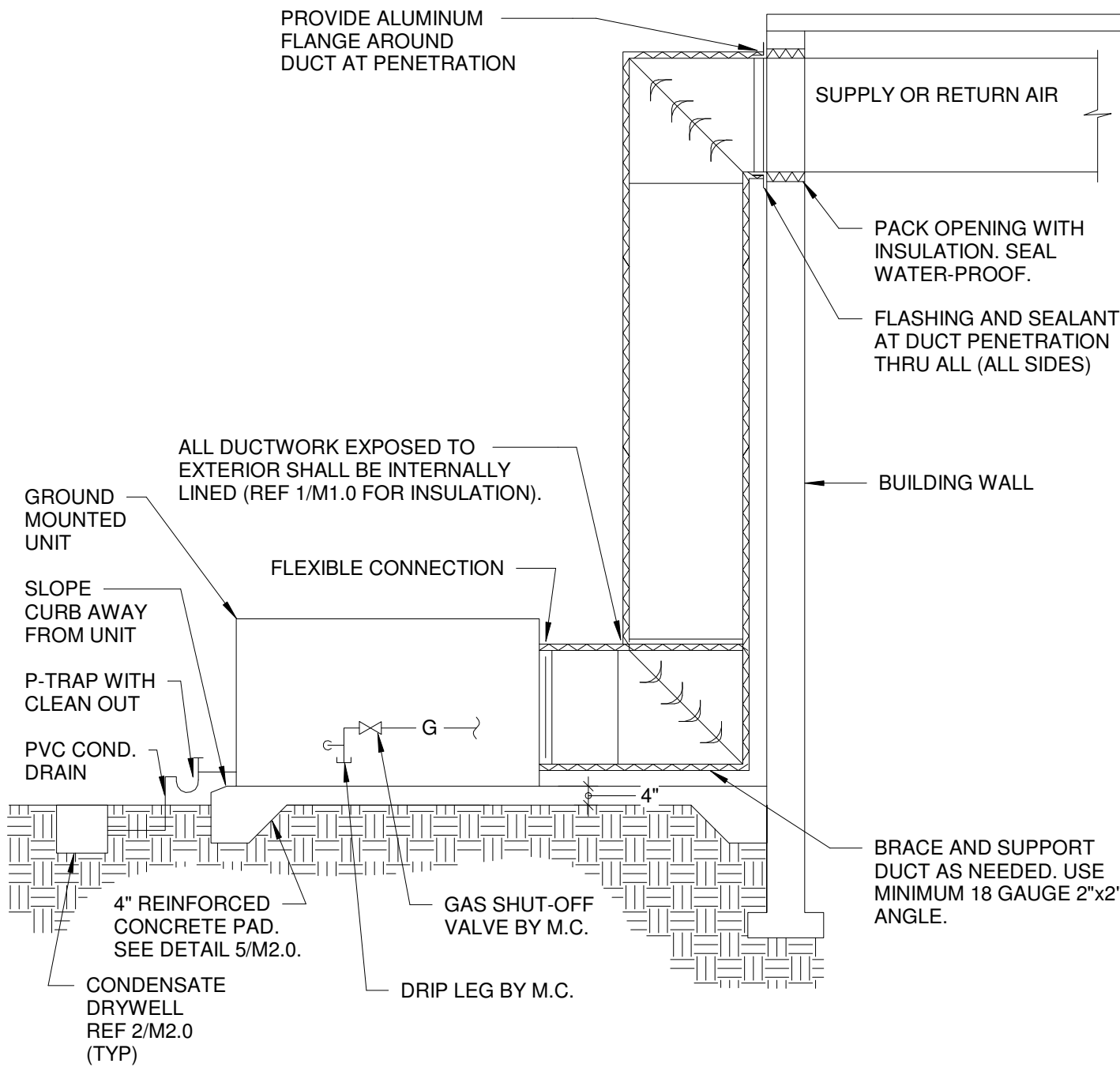
HVAC PLAN

O'Reilly
AUTO PARTS

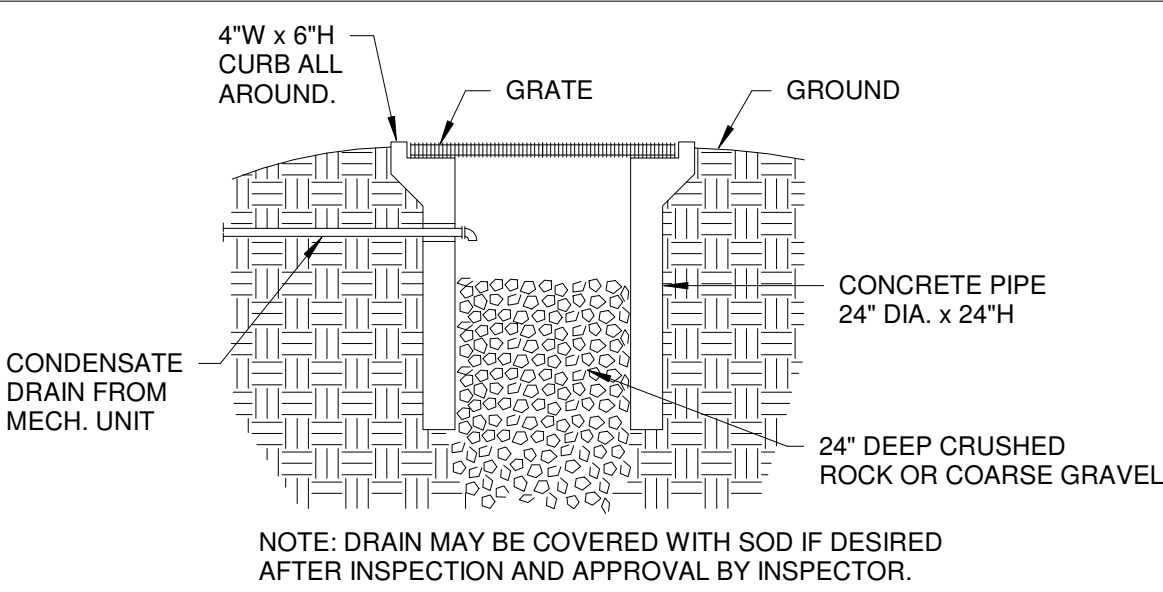
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DRAWN BY: BEH	CHECKED BY: JDM
DATE: 04/26/2021	
REVISION:	
PROJECT NUMBER: 2021.0102	
SHEET NUMBER:	

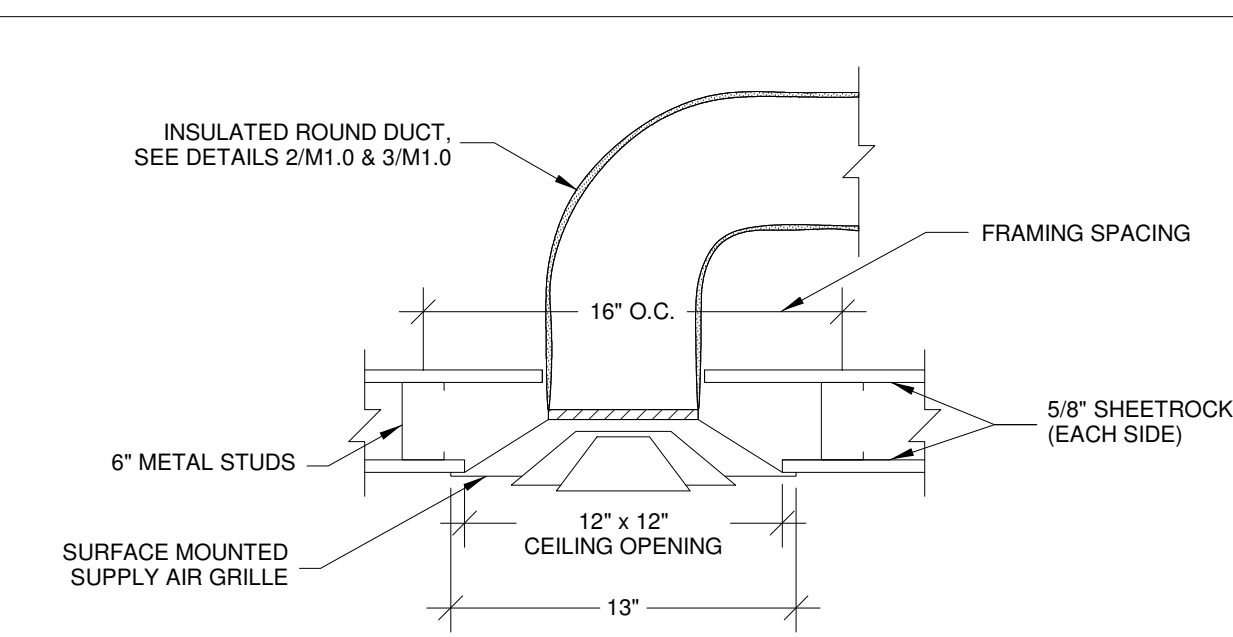
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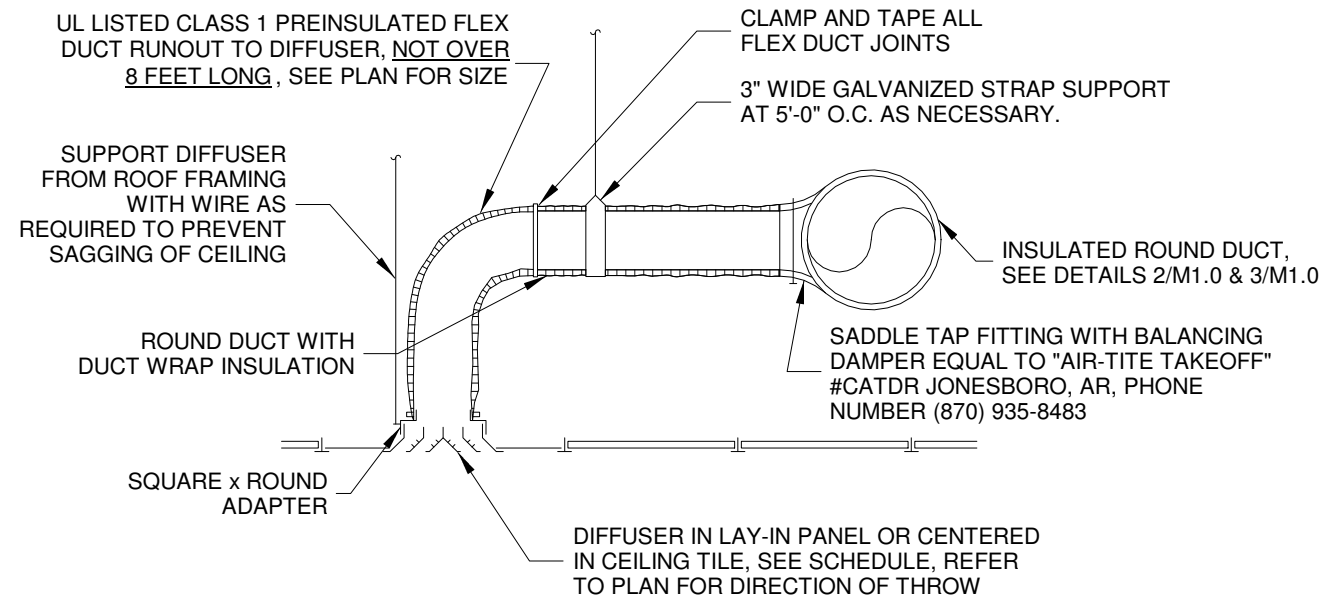
1
M2.0
N.T.S
GROUND MOUNTED PACKAGED UNIT



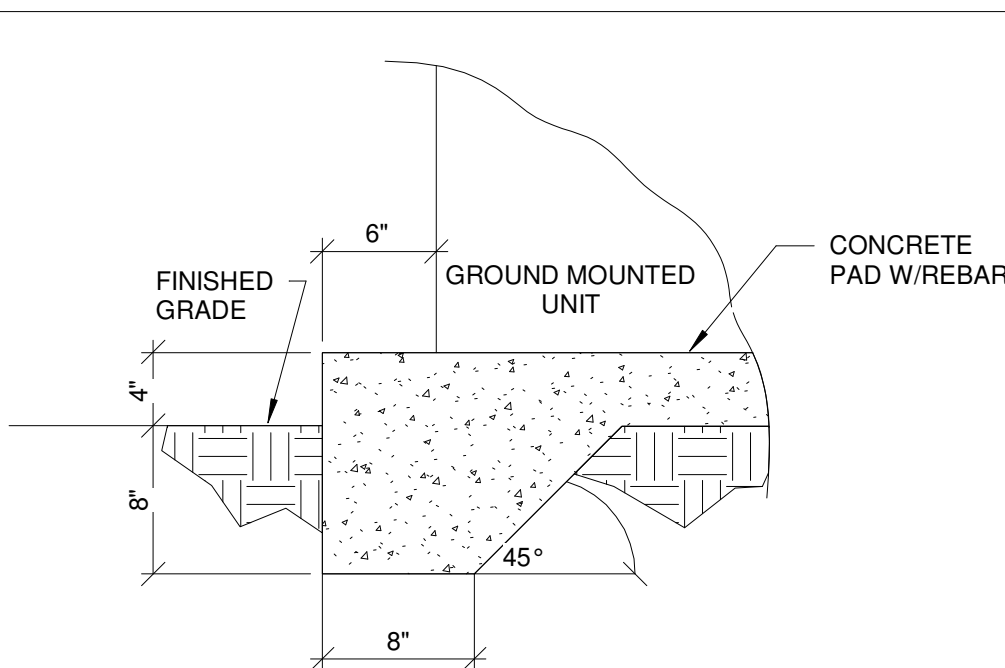
2
M2.0
N.T.S
CONDENSATE DRY WELL



3
M2.0
N.T.S
SURFACE MOUNTED DIFFUSER



4
M2.0
N.T.S
TYPICAL LAY-IN DIFFUSER



NOTE:
4" CONCRETE SLAB (4000 PSI) WITH 6x6-W1.4XW1.4 W.W.F. PLACE WWF IN THE TOP THIRD OF THE SLAB. PITCH SLIGHTLY AWAY FROM BUILDING.

5
M2.0
N.T.S
GROUND MOUNTED HVAC UNIT PAD DETAIL

NATIONAL ACCOUNT - ROOFTOP UNIT SCHEDULE - 7.5 TON - GAS (3-PHASE) - BY O'REILLY

RTU - RESPONSIBILITIES

- ALL CARRIER HVAC UNITS ARE OWNER SUPPLIED BY O'REILLY AUTOMOTIVE.
- MECHANICAL CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ALL CARRIER HVAC UNITS.
- MECHANICAL CONTRACTOR IS RESPONSIBLE FOR THE FIRST YEAR LABOR WARRANTY ON ALL OWNER SUPPLIED EQUIPMENT.
- MECHANICAL CONTRACTORS WORKING ON O'REILLY PROJECTS MUST CALL "CARRIER CORPORATION'S NATIONAL ACCOUNTS" DEPARTMENT FOR CONFIRMATION OF ORDERS ONLY.
- MECHANICAL CONTRACTOR IS RESPONSIBLE FOR SCHEDULING, SHIPPING & RECEIVING OF ALL CARRIER UNITS FROM CARRIER NATIONAL ACCOUNTS. CONTACT CUSTOMER SERVICE REP. LISTED TO THE RIGHT.

CALL THE CARRIER CUSTOMER SERVICE REP. BELOW FOR CONFIRMATION OF ORDERS. DO NOT CALL CARRIER FOR QUOTES!

CARRIER CORPORATION,
STRATEGIC ACCOUNTS
CARRIER PARKWAY
SYRACUSE, NEW YORK 13221

CUSTOMER SERVICE REPS:
TARA ROWSER 315-432-6979
Tara.Rowser@carrier.utc.com
StatagicAccounts2@carrier.utc.com

ACCOUNT MANAGER:
PAUL WITZ
CELL 315-317-2481
paul.witz@carrier.utc.com

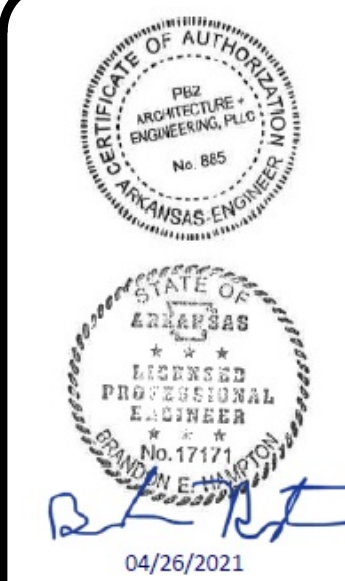
MARK	DESCRIPTION	MFR.	CATALOG NUMBER	HTG. MBH			THERM. EFF.	CLG. MBH			IEER	EER	SUPPLY FAN			ELECTRICAL			WT. (LBS.)	ACCESSORIES	REMARKS	REF. DTL.	
				STAGE 1 IN/OUT	STAGE 2 IN/OUT	TTL. HTG. IN/OUT		STAGE 1 TOT./SENS.	STAGE 2 TOT./SENS.	TTL. COOL TOT./SENS.			CFM	O.A.	ESP	HP	V/PH	MCA					MOC
RTU-1 RTU-2 RTU-3	WEATHERMASTER PACKAGED ROOFTOP UNIT 7.5-TON	CARRIER	48HCRD08K2M5-0F1A0	90/90	73/75	180/148	82%	46.5/36.0	46.5/36.0	93.0/72.0	13.0	12.0	3,000	REMARK 5	0.6	1.50	208/3	41	50"	1,172	SEE BELOW	1,2,3,4,6,7	1/M2.0, 2/M2.0, 5/M2.0
ACCESSORIES - FACTORY SUPPLIED AND INSTALLED											ACCESSORIES - FACTORY SUPPLIED AND FIELD INSTALLED												
HE - STAINLESS STEEL GAS HEAT EXCHANGER, (MEDIUM HEAT) (15 YR. WARRANTY). SD - RETURN AIR SMOKE DETECTOR. MB - MEDIUM STATIC BLOWER, (SINGLE SPEED). HG - LOUVERED HAIL GUARDS. UPO- UN-POWERED CONVENIENCE OUTLET (FIELD POWERED), 15AMP, 120V, GROUND FAULT CIRCUIT INTERRUPTER (GFCI) TYPE. SS - HI & LOW REFRIGERANT SAFETY SWITCHES, (STANDARD ON EVERY UNIT) AF - 2" RETURN AIR FILTERS, (STANDARD ON EVERY UNIT) EC - ENTHALPY ECONOMIZER IV, W/BAROMETRIC RELIEF. COF- CONDENSATE OVERFLOW SWITCH (CAN'T BE USED WITH HORIZONTAL RETURN UNITS).											CO2- CO2 SENSOR, WALL MOUNT. #332C3PTCO2LCD-01 CO2SPACE TEMPERATURE SENSOR WITH LCD DISPLAY & NO OVERRIDE. RTRS- REMOTE TEST/RESET STATION, CARRIER #SD-TRM4(CRSDTEST001400) FOR REMOTE TESTING/RESETTING OF DUCT SMOKE DETECTOR. SEE HVAC PLAN FOR MOUNTING LOCATIONS. HSA- ALARM/STROBE, CARRIER #6536-G5(CRSDHNSB001A00). AUDIBLE/VISUAL SIGNAL DEVICE FOR SIGNALING ALARM OF DUCT SMOKE DETECTOR. SEE HVAC PLAN FOR MOUNTING LOCATIONS. FDD - FLUE DISCHARGE DEFLECTOR (WHEN RTU IS CLOSER THAN 11 FEET TO EACH OTHER)												
ACCESSORIES - O'REILLY SUPPLIED & FIELD INSTALLED											ACCESSORIES - FIELD SUPPLIED & FIELD INSTALLED												
RC1- PROVIDE 4" REINFORCED CONCRETE PAD WITH VIBRATION ISOLATION PADS.																							
TS1- GRIDPOINT THERMOSTAT, (NO SUBSTITUTIONS). REFER TO EM SHEETS. DS - NON-FUSED DISCONNECT SWITCH, (GRAYBAR/O'REILLY) SUPPLIED W/ ELECTRICAL BILL OF MATERIALS.																							
REMARKS											REMARKS												
1. COOLING CAPACITY BASED ON 80°F EDB AND 67°F EWB. 2. CAPACITY BASED ON 95°F AMBIENT TEMPERATURE. 3. NOTE! HVAC COMPLETION, AT CONSTRUCTION COMPLETION: 1. CONTRACTOR SHALL REPLACE ALL RETURN AIR FILTERS INSIDE ALL HVAC UNITS W/CLEAN NEW AIR FILTERS. 2. CONTRACTOR SHALL SUPPLY AN ADDITIONAL CLEAN SET OF FILTERS TO THE OWNER AT JOB COMPLETION. 3. CONTRACTOR SHALL SHOW THE STORE MANAGER THE LOCATION OF & INSTRUCT HIM/HER HOW TO CHANGE ALL AIR FILTERS. 4. FACTORY EQUIPPED WITH STANDARD LOW AMBIENT COOLING TO 35°F ODB.											5. OUTSIDE AIR, SEE PLAN FOR UNIT(S) REQUIRING OUTSIDE AIR. 6. REFRIGERANT = R410A (PURON). 7. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WIRING AND CONNECTIONS REQUIRED BETWEEN THE SMOKE DETECTOR AND THE UNIT, AND SHALL PROVIDE SMOKE TESTING TO VERIFY PROPER OPERATION AND UNIT SHUT DOWN PRIOR TO OCCUPANCY. * MAXIMUM CIRCUIT BREAKER OR TIME-DELAY FUSE.												

FAN SCHEDULE

MARK	DESCRIPTION	MFR.	CATALOG NUMBER	CFM (NOM)	STATIC PRESS.	MOTOR H.P.	V/PH	MCA	MOC	ACCESSORIES	REMARKS	REF. DETAIL
EF-1	INLINE EXHAUST FAN	COOK	GN-642	500	0.1	195W	120/1	-	-	BD,DS,WC	1,2	-
EF-2	INLINE FAN	COOK	GN-642	500	0.1	195W	120/1	-	-	BD,DS,SS	3	-
ACCESSORIES											REMARKS	
BD - GRAVITY BACK DRAFT DAMPER DS - DISCONNECT SWITCH WC - WALL CAP, "COOK" #WCA-6, ALUMINUM SS - FAN SPEED SWITCH "COOK" #FSC (OFFICE ONLY)											1. ADJUST FOR CFM REQUIRED. 2. EXHAUST FAN SHALL BE WIRED BY THE ELECTRICAL CONTRACTOR TO OPERATE WITH EITHER RESTROOM'S LIGHT SWITCH. 3. FAN IN OFFICE TO BE CONTROLLED BY FAN SPEED SWITCH.	
APPROVED ALTERNATE MANUFACTURER'S												
FANS: *GREENHECK *CARNES												

GRILLE AND DIFFUSER SCHEDULE

MARK	DESCRIPTION	MFR.	CATALOG NUMBER	SIZE (in.)	FINISH	MOUNTING	BRANCH DUCT SIZE	ACCESSORIES	REMARKS	REF. DETAIL
G1	SUPPLY GRILLE	ANEMOSTAT	S2H0	14x14	WHITE	DUCT	SEE PLAN	OB	1	-
S1	SUPPLY DIFFUSER	ANEMOSTAT	E-1-D	12x12	WHITE	SURFACE	SEE PLAN	DT	1,3	3/M2.0
S2	SUPPLY DIFFUSER	ANEMOSTAT	EPL	24x24	WHITE	DUCT/LAY-IN	SEE PLAN	-	2	4/M2.0
R2	RETURN GRILLE	ANEMOSTAT	GC5	12x12	WHITE	SURFACE	SEE PLAN	-	NON-FILTERED GRILLE	3/M2.0
X1	EXHAUST GRILLE	ANEMOSTAT	S3HS	12x12	WHITE	CEILING	SEE PLAN	OB	-	-
ACCESSORIES										
OB - OPPOSED BLADE DAMPER. DT - DIRECTIONAL TABS.										
APPROVED ALTERNATE MANUFACTURER'S										
GRILLES, DIFFUSERS & DAMPERS: *TUTLE & BAILEY *NAILOR *ARROW *CARNES *PRICE INDUSTRIES *TITUS *KRUEGER										
REMARKS										
1. 1-WAY 2. 4-WAY 3. DIRECTIONAL TABS, ADJUST TO PROVIDE THROW AS INDICATED ON PLANS.										



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+engineering

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Firm Certificate No. 885

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RE-MODEL O'REILLY AUTO PARTS STORE
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HVAC SCHEDULES

AUTO PARTS

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DRAWN BY: BEH
CHECKED BY: JDM

DATE:
04/26/2021

REVISION:

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SHEET NUMBER:

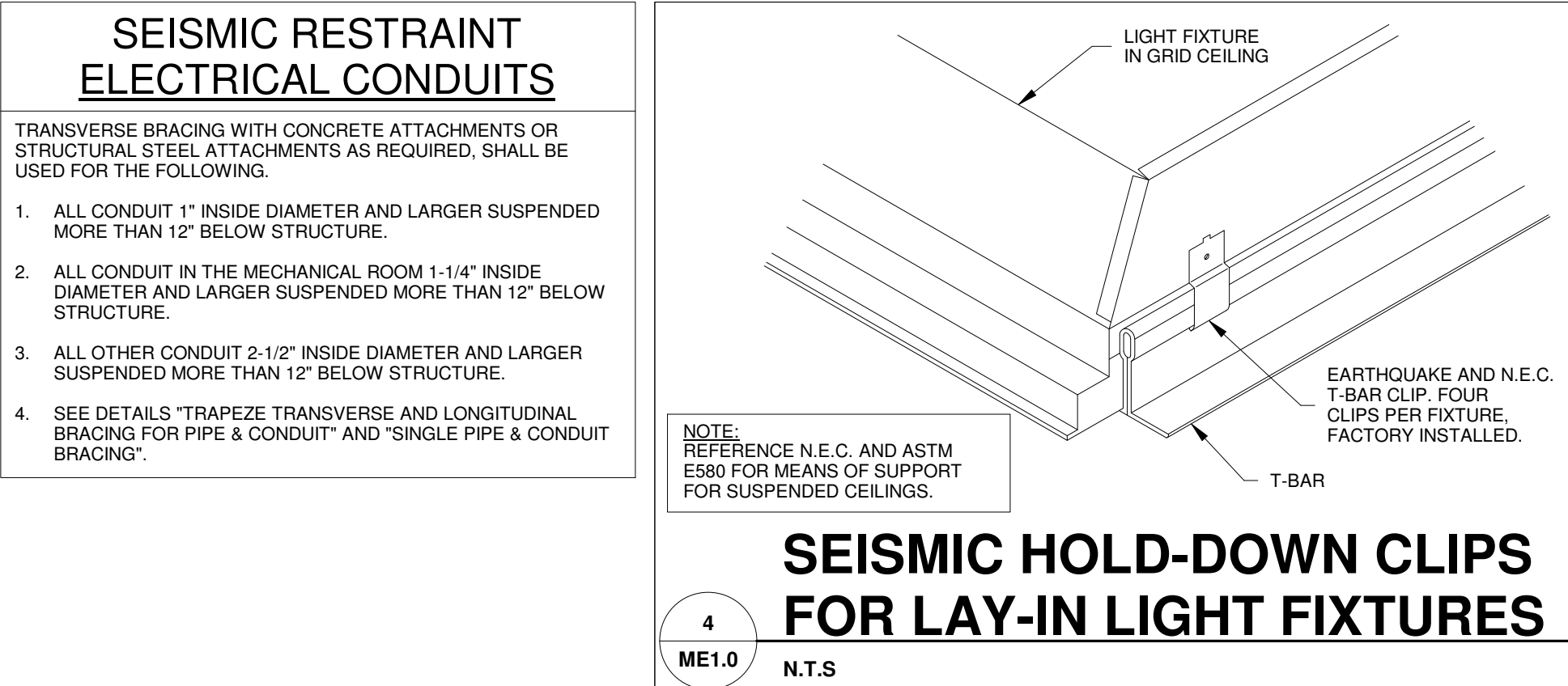
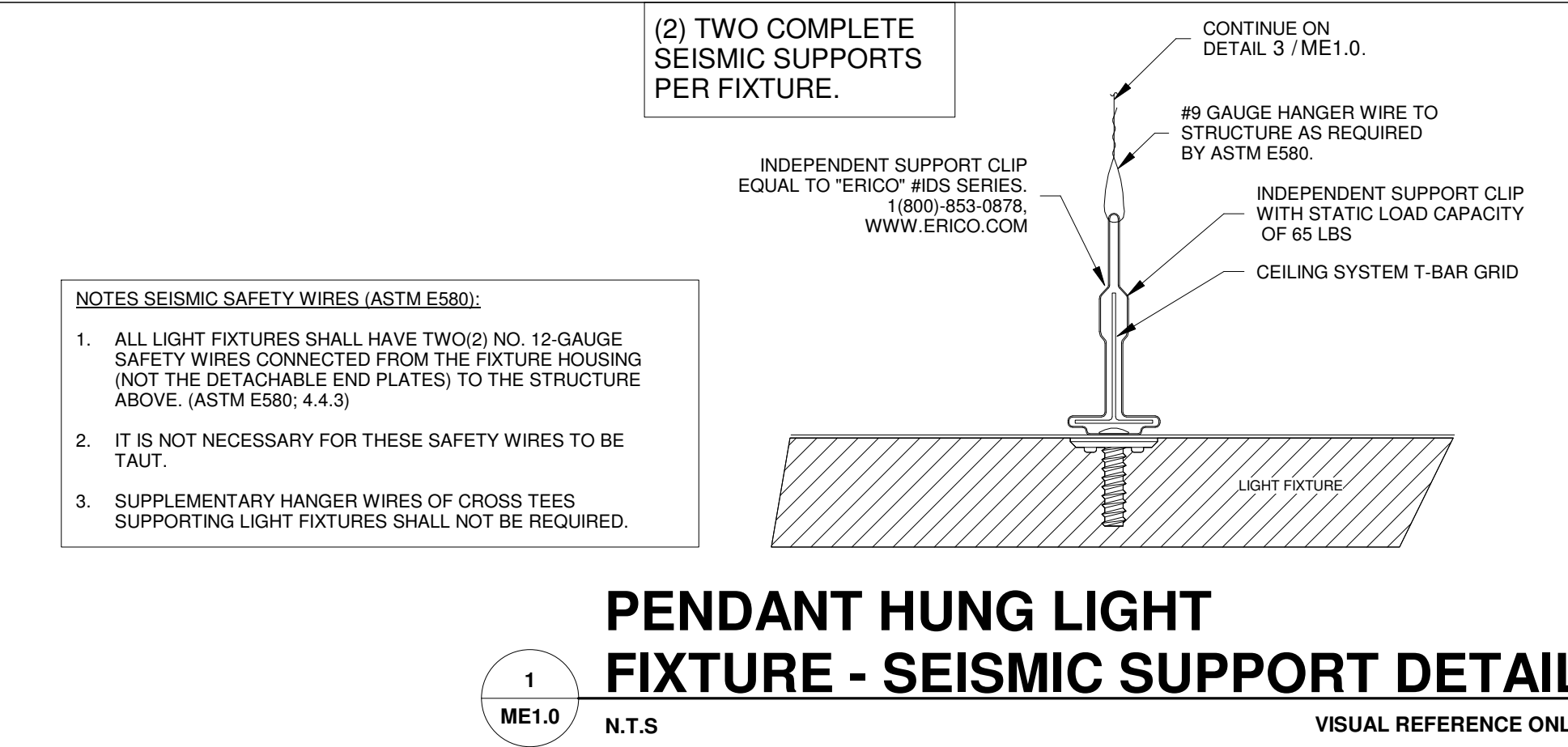
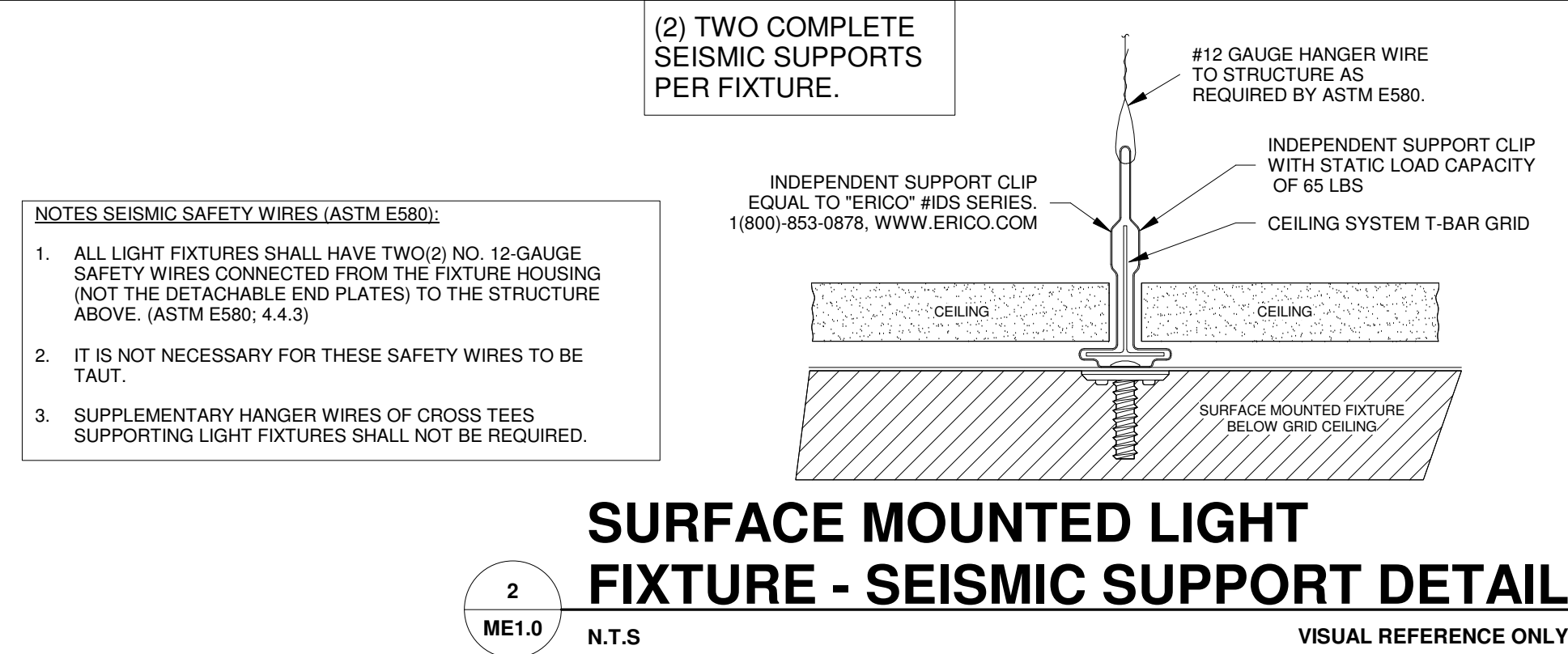
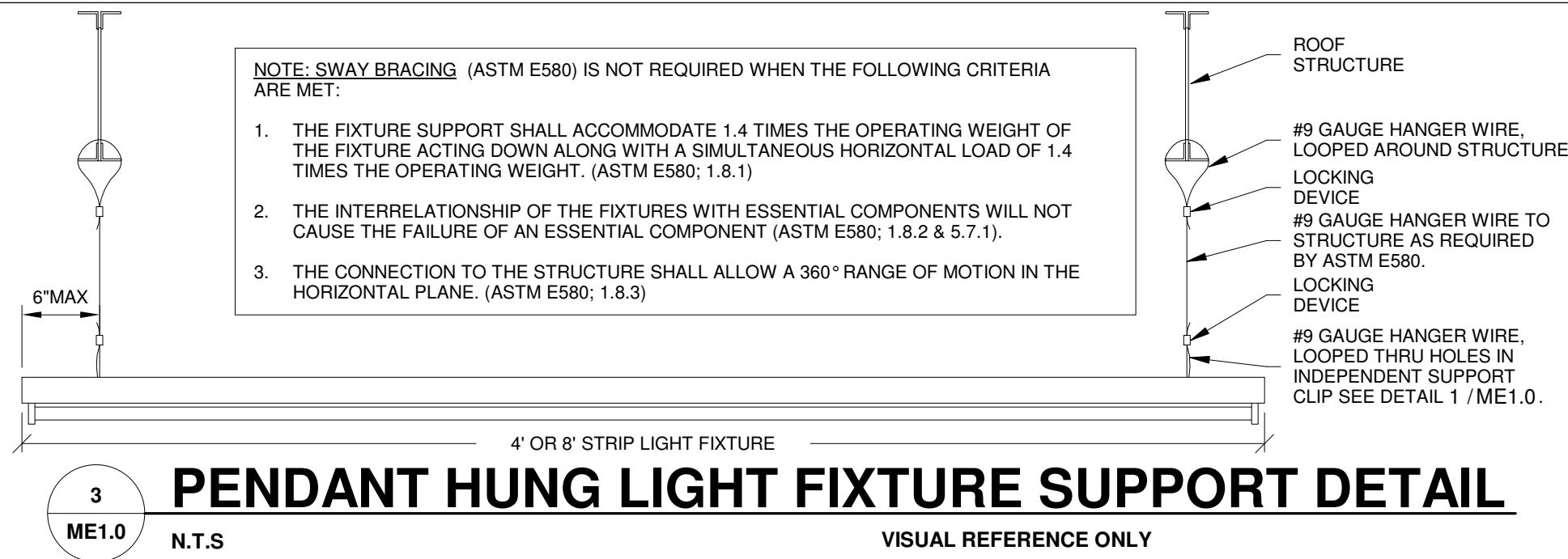
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ELECTRICAL

CONTRACTOR TO REFER TO ARCHITECTURAL SHEET G1.1 FOR SEISMIC DESIGN CATEGORY.
SEISMIC RESTRAINTS (ONLY REQUIRED FOR SEISMIC DESIGN CATEGORIES C,D,E,F)

CONTRACTOR TO PROVIDE SEISMIC BRACING AS REQUIRED BY CODE.

IF SEISMIC BRACING IS REQUIRED SEE BRACING DETAILS THIS SHEET.



HVAC

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- ALL PIPING WHICH REQUIRES RESTRAINT SHALL BE PROVIDED WITH SEISMIC EXPANSION DEVICES.
- BRANCH OR MAIN PIPE BRACING SHALL BE ATTACHED TO WEB OF ROOF PURLIN WITHIN 1-1/2\"/>

SEISMIC RESTRAINT

TRANSVERSE BRACING WITH CONCRETE ATTACHMENTS OR STRUCTURAL STEEL ATTACHMENTS AS REQUIRED, SHALL BE USED FOR THE FOLLOWING:

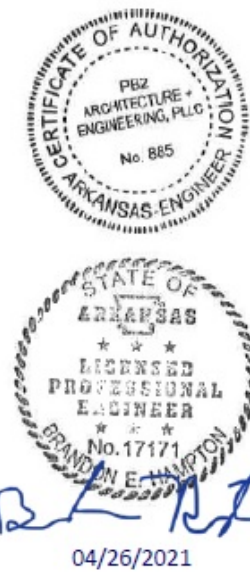
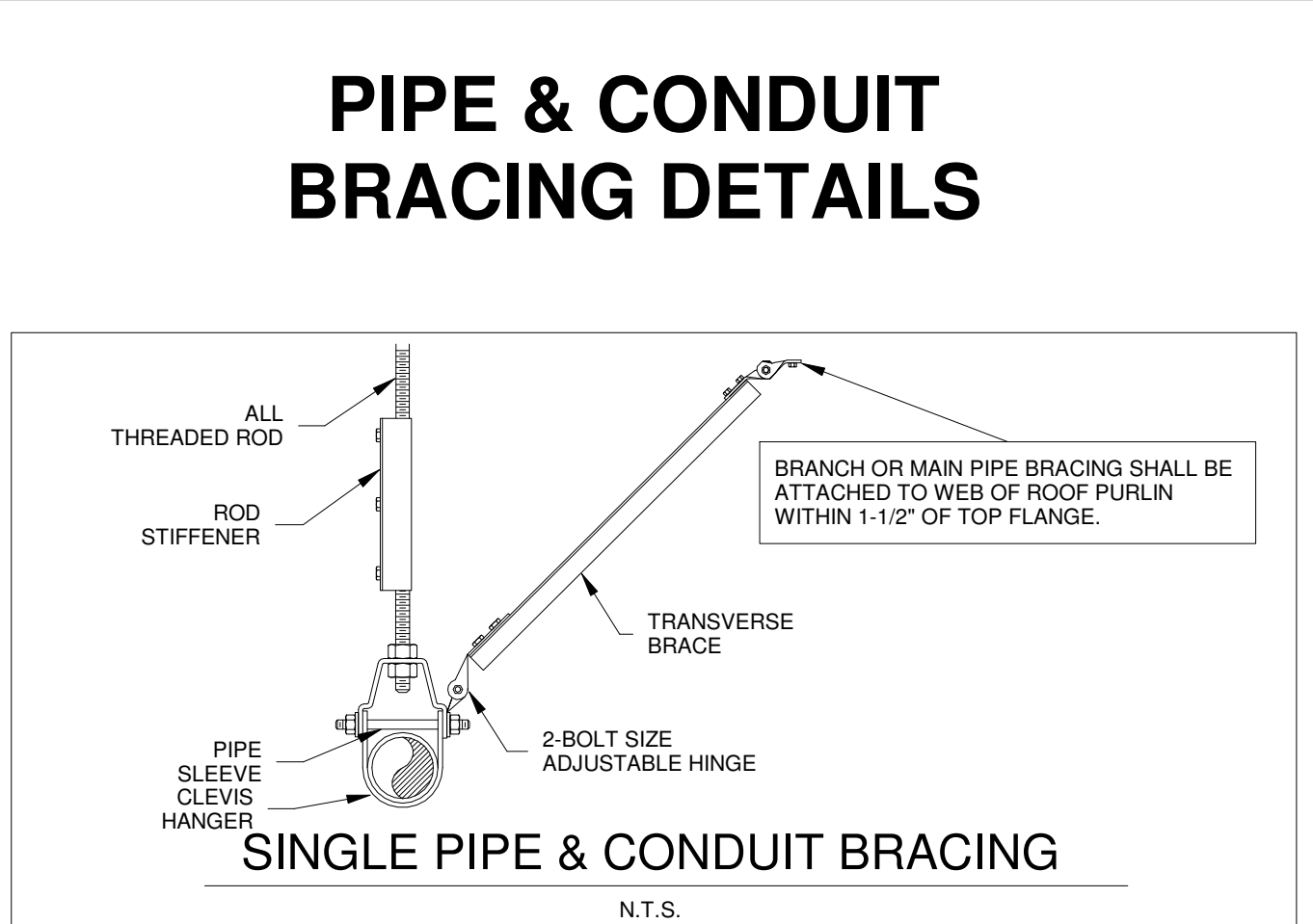
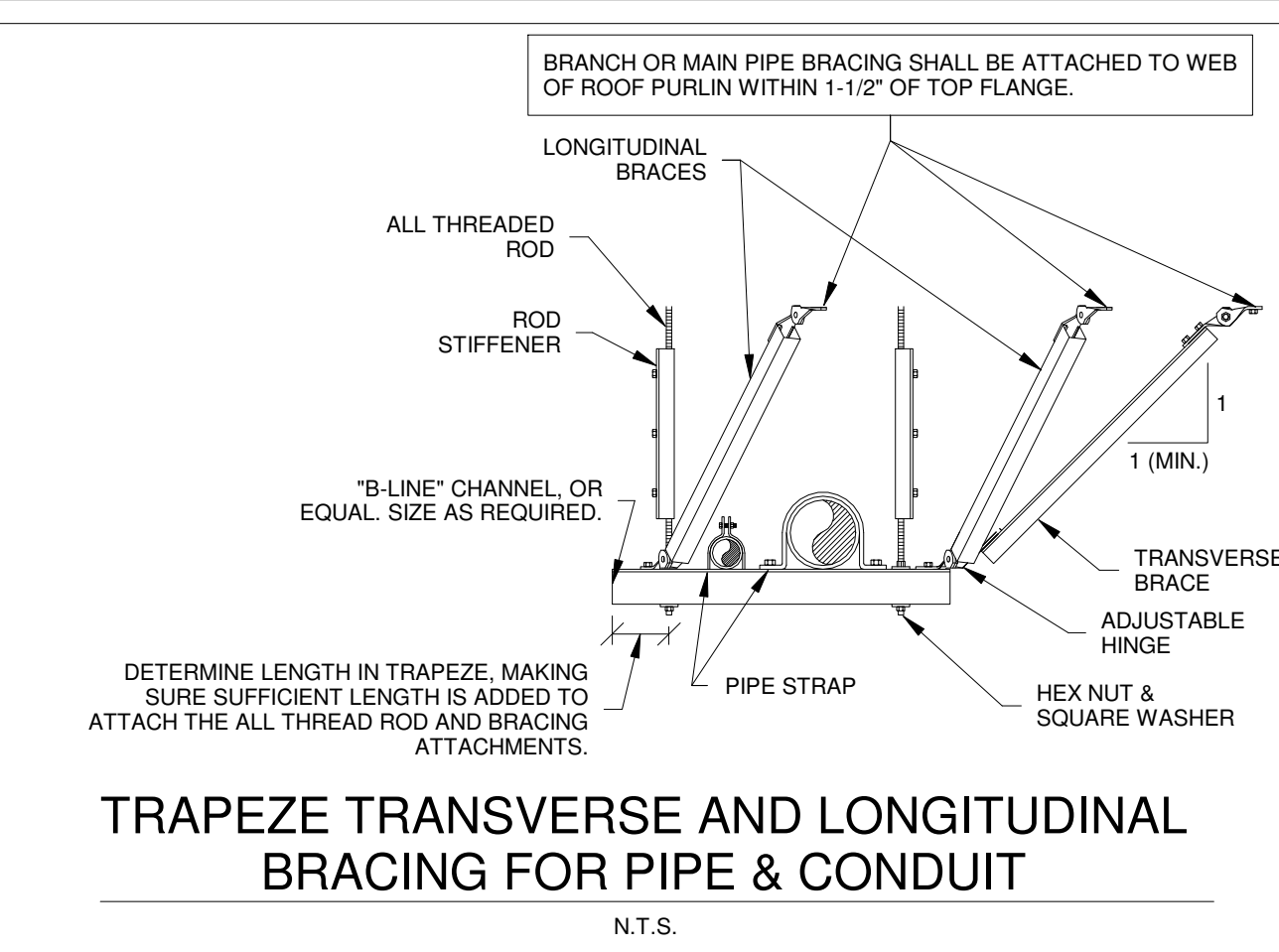
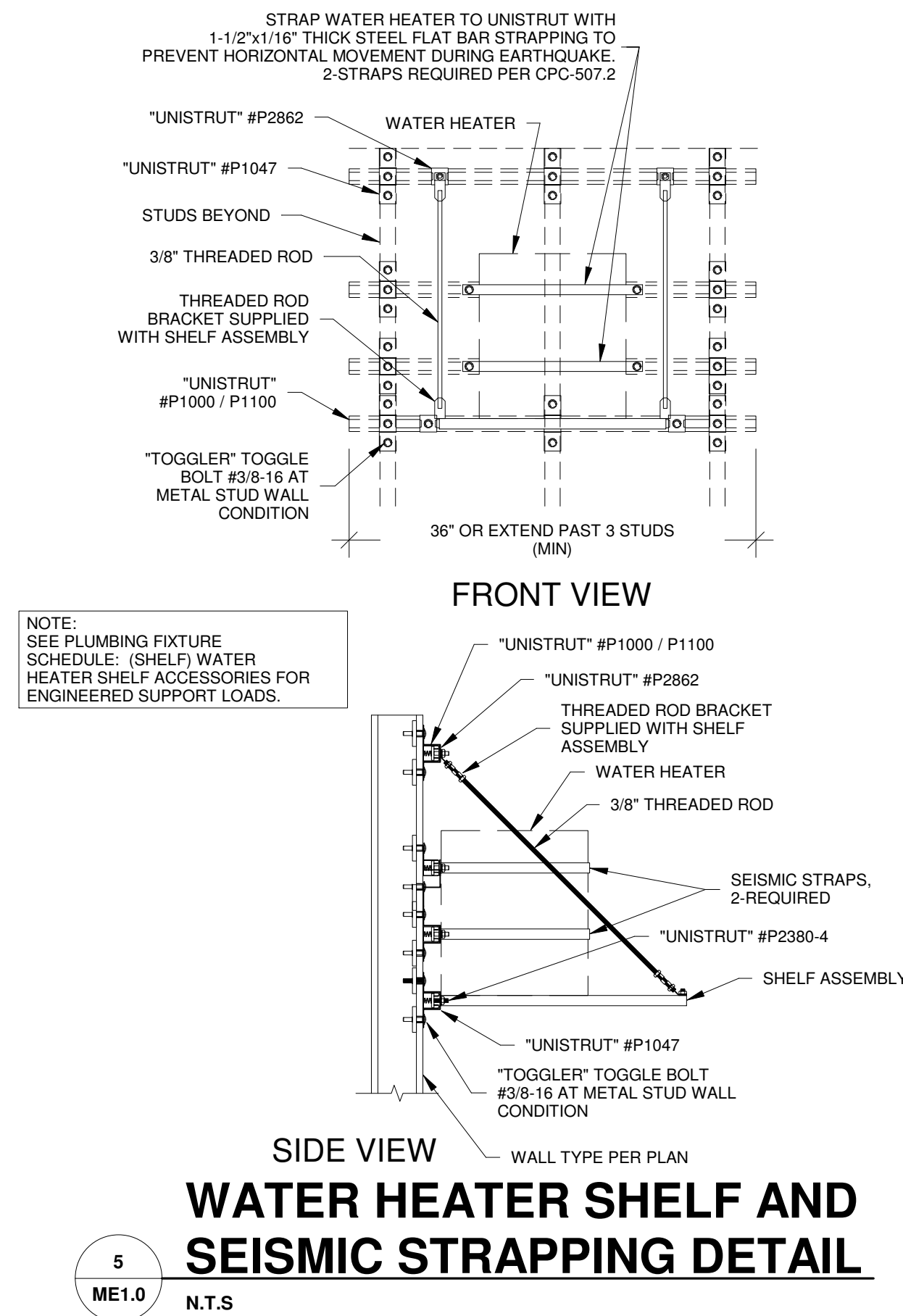
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PLUMBING

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REVISION:

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SHEET NUMBER:

ME1.0

PLUMBING FIXTURE SCHEDULE / SPEC. 22 00 00 & 22 40 00 / ALL FIXTURES & FITTINGS MUST BE "LEAD FREE"										
MARK	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	ACCESSORIES	PIPING REQUIREMENTS			REMARKS	APPROVED MANUFACTURER'S	CODE APPROVALS
					WASTE	VENT	SUPPLY			
H.W.C.	HANDICAP ACCESSIBLE WATER CLOSET (TANK TYPE)	AMERICAN STANDARD	CADET RIGHT HEIGHT BOWL RIM @ 16-1/2" H PRESSURE-ASSISTED TOILET 2467.016	CHURCH 9500CT WHITE OPEN FRONT SEAT COMPLETE W/ BOLT CAPS	4"	2"	1/2"	LOW-CONSUMPTION 1.6 GPF MAX. MEETS ADA GUIDELINES	ZURN	ANSI A117.1, ADA COMPLIANT
LAV.	HANDICAP ACCESSIBLE LAVATORY (WALL MOUNTED)	AMERICAN STANDARD	LUCERNE 0355.012 4" CENTERS	ZURN #Z8737 FLAT GRID SINK STRAINER, DELTA #501-DST CLASSIC CENTERSET FAUCET, JAY R. SMITH #0700-M31 FLOOR MOUNTED LAVATORY SUPPORTS IN WALL	2"	2"	3/4"	SEE NOTE 2. 1.5 GPM MAX.	ZURN	ANSI A117.1 ASME A112.18.1, ASME A112.18.2, ADA COMPLIANT
M.V.	THERMOSTATIC MIXING VALVE	WATTS	#LFMMV-M1-US-1/2"	THERMOSTATIC MIXING VALVE	-	-	1/2"	SEE DETAIL 3/P2.0 & NOTE #4 110°F MAXIMUM WATER TEMP.	WILKINS, POWERS	ASSE 1070, IAPMO, ADA COMPLIANT CUPC, NSF/ANSI 61
H.D.F.	BARRIER-FREE TWO STATION H-H-O DRINKING FOUNTAIN	ELKAY	EZSTL8LC	ACCESSORY APRON #LKAPREZL	2"	2"	1/2"	REFER TO ARCHITECTURAL SHEETS FOR MOUNTING HEIGHTS	HALSEY TAYLOR	ADA COMPLIANT
F.D.	FLOOR DRAIN	ZURN	ZN415-B-P	1/2" TRAP PRIMER CONNECTION	2"	2"	-	COMBINATION WASTE VENT	WADE & JAY R. SMITH	ASSE 1019-B
C.O.	CLEANOUT (INTERIOR)	JAY R. SMITH	4100	W/ CARPET CLAMPING RING WHERE REQUIRED	SEE PLAN	-	-	SAME SIZE AS LINE	WADE & ZURN	-
W.H.A.	WATER HAMMER ARRESTER	SIOUX CHIEF	652-A	-	-	-	-	-	WILLIAMS	-
H.B.	HOSE BIBB	WOODFORD	MODEL 65	W/ WALL CLAMP	-	-	3/4"	W/ VACUUM BREAKER, OPERATING ROD ASSEMBLY MUST BE ORDERED PER WALL WIDTH	-	-
M.B.	MOP BASIN	FIAT	FIAT MSB-2424	FIAT #832-AA HOSE & BRACKET, FIAT #889-CC-24" MOP HANGER, ZURN #Z842M4-WHK-5H SERVICE FAUCET	3"	2"	3/4"	W/ VACUUM BREAKER, OPERATING ROD ASSEMBLY MUST BE ORDERED PER WALL WIDTH	STERN-WILLIAMS	-
E.W.	EYE WASH	SPEAKMAN	SEF-9200	SPEAKMAN THERMOSTATIC MIXING VALVE (SEF-TW), SEF-9200-ILR	-	-	3/4"	SET MIXING VALVE TO DELIVER 80°F NOTE: TEPID WATER RANGE IS 60°F - 100°F	BRADLEY, HAWS	ASME A112.18.1-2000, CSA B125-98, ANSI Z358-1, ASSE 1011
SRBP	SPILL-RESISTANT BACKFLOW PREVENTER	WATTS	LF008PCQT-1/2"	HEALTH HAZARD, ANTI-SIPHON, SPILL-RESISTANT BACKFLOW PREVENTER	-	-	1/2"	MAY BE INSTALLED VERTICALLY	-	ASSE 1056
URN.	URINAL (WALL MOUNTED)	ZURN	Z5755-U OMNI-FLO	SLOAN ROYAL #186-1 FLUSH VALVE, ZURN #Z1222 FLOOR MOUNTED URINAL SUPPORT	2"	2"	3/4"	1.0 GPF. BACK OF URINAL TO BE MOUNTED FLUSH WITH THE FACE OF FINISHED WALL. SEE DETAIL 8/P2.0	AMERICAN STANDARD	ASME A1212.19.2, ANSI A117.1, ADA COMPLIANT
WCO	WALL CLEANOUT	ZURN	Z1441 STAINLESS STEEL	-	SEE PLAN	-	-	SEE DETAIL 7/P2.0	WADE & JAY R. SMITH	-

- NOTES:
- COORDINATE ROUGH-IN OF ALL PLUMBING FIXTURES W/ ARCHITECTURAL DRAWINGS.
 - SINKS & LAVATORIES FOR HANDICAPPED ACCESS SHALL BE INSTALLED W/ OFFSET TAILPIECES. ALL SINK & LAVATORY DRAIN & WATER LINES SHALL BE INSULATED W/ PROTECTIVE DEVICES EQUAL TO "MOQUIRE" 150 WC, WHITE MOLDED CLOSED CELL VINYL, OR "TRUEBRO" #130W, WHITE MOLDED VINYL.
 - FOR HANDICAPPED-ACCESSIBLE WATER CLOSET, FURNISH & INSTALL W/ THE FLUSH HANDLE ON THE WIDE SIDE OF THE RESTROOM.
 - ALL LAVATORIES SHALL BE INSTALLED WITH A THERMOSTATIC MIXING VALVE.

OWNER SUPPLIED, CONTRACTOR INSTALLED										
MARK	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	ACCESSORIES	PIPING REQUIREMENTS			REMARKS	APPROVED MANUFACTURER'S	CODE APPROVALS
					WASTE	VENT	SUPPLY			
W.H.	WATER HEATER (ELECTRIC)	A.O. SMITH	EJCS-20	(19 GALLONS) 120V, 1Ø, 1.65 KW ELEMENT WITH T & P RELIEF VALVE	-	-	3/4"	PIPE DRAIN LINE FROM T & P RELIEF VALVE DOWN IN SHELF PAN SEE DETAIL 5/P2.0 & 6/P2.0	NO SUBSTITUTIONS	CSA, ASME RATED, ASMECA
SHELF	WATER HEATER SHELF	HOLDRITE	#40-SWHP-WM	SUPPORTS WATER HEATERS UP TO 20 GALLON OR 300 LBS	-	-	-	PIPE DRAIN LINE FROM SHELF PAN SEE DETAIL 5/P2.0 & 6/P2.0	NO SUBSTITUTIONS	-
T.E.A.	THERMAL EXPANSION ABSORBER	AMTROL	ST-12	-	-	-	-	-	NO SUBSTITUTIONS	-
NOTE: WATER HEATER, SHELF AND T.E.A. SHALL BE DIRECT ORDERED AND OR RELEASED FROM THE LISTED ELECTRICAL EQUIPMENT DISTRIBUTOR:				GRAYBAR ELECTRIC CO. INC. 11885 LACKLAND ROAD ST. LOUIS, MO 63146				GRAYBAR O'REILLY TEAM EMAIL: O'REILLY@GRAYBAR.COM TOLL FREE: (314) 573-2080		

PLUMBING NOTES

- DRAWING IS DIAGRAMMATIC & IS NOT TO BE SCALED. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS.
- ALL PLUMBING WORK IS TO BE DONE IN ACCORDANCE WITH THE APPLICABLE CODE(S) NOTED ON THE CODE SUMMARY SHEET.
- VALVES ON WATER LINES SHALL BE BRONZE BALL VALVES. DO NOT SUBSTITUTE GATE OR GLOBE VALVES. VALVES SHALL BE THE SAME SIZE AS THEIR INLET PIPING. (SPEC 20 05 00)
- ALL PLUMBING FIXTURES ARE TO BE FURNISHED COMPLETE WITH NECESSARY STOPS, TRAPS, TAILPIECES, TRIM, ETC. (SPEC 22 40 00)
- THE CONTRACTOR SHALL COOPERATE WITH ALL OTHER CONTRACTORS & SUBCONTRACTORS IN LAYING HIS OUT & INSTALLING HIS WORK. COOPERATION DOES NOT MEAN "I WAS HERE FIRST".
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A COMPLETE AND FUNCTIONAL SYSTEM IN ACCORDANCE WITH THE INTENT OF THE PLANS, WHETHER OR NOT EVERY ELEMENT THEREOF IS SPECIFICALLY CALLED OUT.
- DO NOT INSTALL CAPPED AIR CHAMBERS AT FIXTURES. INSTALL WATER HAMMER ARRESTERS AS CALLED FOR ON PLAN. ARRESTERS ARE TO BE RATED FOR INSTALLATION IN CONCEALED LOCATIONS. (SPEC 22 00 00)
- ALL HOT & COLD WATER SUPPLY PIPING CONNECTION TO FIXTURES ARE TO BE 1/2" UNLESS NOTED OTHERWISE.
- PLUMBING PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL PANELS. PROVIDE REQUIRED CLEARANCES PER "N.E.C." COORDINATE ELECTRICAL PANEL LOCATIONS WITH THE ELECTRICAL CONTRACTOR.
- INSTALL PIPE INSULATION ON ALL DOMESTIC WATER LINES ABOVE FINISH FLOOR. (SPEC 22 07 19)
- CONTRACTOR SHALL COORDINATE WITH ALL STATE & LOCAL BUILDING REGULATION AGENCIES & UTILITY COMPANY(S) IN THE PROCUREMENT OF & PAYMENT OF ALL PERMITS, LICENSES, FEES & CHARGES REQUIRED FOR THE PERFORMANCE OF THE WORK.
- PROVIDE CHROME ESCUTOHEON COVERPLATES AT ALL PIPE PENETRATIONS OF FINISHED WALL SURFACES.
- IT IS THE CONTRACT'S RESPONSIBILITY TO ROUTE ALL WATER PIPING AROUND SPACES WITH TEMPERATURES BELOW FREEZING (I.E. ATTICS, CHASES, EXTERIOR WALLS, ETC.). IF FREEZING OF ANY WATER PIPING OCCURS IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR THE PIPING THRU A NON-FREEZING SPACE TO THE FIXTURE/APPLIANCE ORIGINALLY SERVED BY THE FROZEN PIPING.
- ALL CAULKING ON BUILDING PENETRATIONS SHALL BE A 1-COMPONENT NON-SAG URETHANE SEALANT. ANY CONTRACTOR WHO USED SILICONE OR ANY OTHER CAULKING WILL BE REQUIRED TO REMOVE & REPLACE WITH A SPECIFIED SEALANT. (SPEC 07 92 00)
- PLUMBING SUB-CONTRACTOR SHALL INFORM THE ELECTRICAL SUB-CONTRACTOR OF THE VOLTAGE & POWER REQUIREMENTS OF ALL PLUMBING EQUIPMENT TO BE INSTALLED.
- ALL GAS PIPING INSTALLATIONS SHALL COMPLY WITH "N.E.P.A.-54" NATURAL GAS OR "N.F.P.A.-58" LP GAS (LATEST EDITION).
- ALL WATER HEATERS & HOT WATER STORAGE TANKS SHALL HAVE A DRAIN VALVE INSTALLED AT THE BOTTOM OF THE TANK AS REQUIRED BY CODE.

PLUMBING PIPE MATERIALS (SEE SPEC SECTION 22 00 00 FOR ADDITIONAL INFORMATION)

- A. THE FOLLOWING APPLICATIONS ARE FOR INSIDE, BELOW & ABOVE THE BUILDING SLAB AND ENDING AT A POINT 5'-0" OUTSIDE THE PERIMETER BUILDING WALLS.
- DOMESTIC WATER DISTRIBUTION PIPING BELOW GROUND: ALL INTERIOR DOMESTIC WATER PIPING SHALL BE TYPE "K" HARD DRAWN COPPER TUBING (SIL-FOS 2, FOS-FLOW 7 OR OTHER SILVER BRAZING MATERIAL). THIS IS REQUIRED FOR THE WATER SERVICE LINE FROM THE SHUT-OFF VALVE IN THE BUILDING TO A POINT 5 FEET OUTSIDE THE BUILDING.
 - DOMESTIC WATER DISTRIBUTION PIPING ABOVE GROUND: HARD COPPER TUBE, TYPE L.
 - SOIL, WASTE, AND VENT PIPING BELOW GROUND: SCHEDULE 40 POLY VINYL CHLORIDE (PVC) PLASTIC DWV PIPE.
 - SOIL, WASTE, AND VENT PIPING ABOVE GROUND: HUBLESS CAST-IRON SOIL PIPE OR POLY VINYL CHLORIDE (PVC) PLASTIC DWV PIPE.
 - NOTE: PVC PIPING IS NOT PERMITTED IN AIR-HANDLING CEILING SPACES, USE ONLY CAST-IRON OR DUCTILE IRON PIPE IN THESE LOCATIONS.
- B. THE FOLLOWING APPLICATIONS ARE FOR ONLY FROM 5'-0" OUTSIDE THE BUILDING TO THE UTILITY POINT OF CONNECTION (POC).
- UNDERGROUND DOMESTIC WATER SERVICE PIPING FROM A POINT 5 FEET OUTSIDE THE BUILDING TO THE POC. (SEE SITE UTILITIES PLAN FOR WHICH PIPING MATERIAL (COPPER OR PVC) IS REQUIRED):
- 3/4" - 1-1/4", SCHEDULE 40 PVC PIPE WITH SOLVENT-WELDED JOINTS.
 - 1-1/2" - 3", SDR-21, PVC PIPE (ASTM D2241) CLASS 200, BELL AND SPIGOT WITH RUBBER GASKETED JOINTS.
 - 3/4" - 3", TYPE "K" HARD DRAWN COPPER TUBING (SIL-FOS 2, FOS-FLOW 7 OR OTHER SILVER BRAZING MATERIAL).
 - 4" AND LARGER, SDR-18 PVC PIPE (AWWA C-900) CLASS 150 BELL AND SPIGOT WITH RUBBER GASKETED JOINTS.
- UNDERGROUND SANITARY SEWER SERVICE PIPING FROM A POINT 5 FEET OUTSIDE THE BUILDING TO THE POC.
- POLYVINYL CHLORIDE (PVC) SEWER PIPE SHALL CONFORM TO ASTM D3034 (SDR-35).
 - CAST IRON OR DUCTILE IRON PIPE SHALL CONFORM TO USASI #A-21 CLASS 50.
- C. GAS PIPE MATERIAL:
- LOW-PRESSURE OR MEDIUM PRESSURE GAS SYSTEMS, ABOVE GROUND WITHIN OR OUTSIDE BUILDING: USE THE FOLLOWING:
- 2" AND SMALLER: STEEL PIPE, MALLEABLE-IRON, THREADED FITTINGS, AND THREADED JOINTS.
 - 2-1/2" AND LARGER: STEEL PIPE, BUTT-WELDING FITTINGS, AND WELDED JOINTS.

PLUMBING LEGEND

—WS—	WATER SERVICE (BELOW GRADE)
—HW—	HOT WATER
—HWR—	HOT WATER RETURN
—CW—	COLD WATER
—S—	WASTE
—S—	WASTE (BELOW GRADE)
—CD—	CONDENSATE
—V—	VENT
—G—	GAS
—GS—	GAS SERVICE (BELOW GRADE)
⊥	WATER HAMMER ARRESTOR, SEE SCHEDULE
⊙	FLOOR DRAIN, SEE SCHEDULE
⊙	CLEANOUT (INTERIOR), SEE SCHEDULE
⊙	CLEANOUT (EXTERIOR), SEE SCHEDULE
⊙	BALL VALVE
⊙	CONNECT TO EXISTING

GAS LOAD

(PIPE SIZING BASED ON INTERNATIONAL FUEL GAS CODE, TABLE 402.4(2))	
ITEM	MBH/INPUT
ROOFTOP UNIT (RTU-1)	180
ROOFTOP UNIT (RTU-2)	180
ROOFTOP UNIT (RTU-3)	180
TOTAL CONNECTED LOAD	540

GAS PIPING SIZED USING LONGEST MAXIMUM RUN OF EQUIVALENT LENGTH OF PIPING = 70'-0"

INLET PRESSURE = 7" W.C. OR 1/4" PSIG
MAXIMUM PRESSURE DROP = 0.5" W.C. AND 0.6 SPECIFIC GRAVITY

EXISTING WASTE LINE REQUIREMENT

THE CONTRACTOR SHALL PERFORM A VIDEO CAMERA SEWER INSPECTION OF THE EXISTING WASTE LINE(S) TO VERIFY THE INTEGRITY OF THE LINE(S) PRIOR TO CONNECTING NEW PLUMBING FIXTURES. REPORT ANY DEFICIENCIES OR NECESSARY REPAIRS TO THE ENGINEER.

GENERAL PLUMBING DEMOLITION NOTE

ALL EXISTING PLUMBING FIXTURES, HOT/COLD WATER, VENT AND SANITARY PIPING, ETC. TO BE REMOVED AND CAPPED AT MAIN, IN IT'S ENTIRETY UNLESS NOTED OTHERWISE WITHIN THIS SET OF CONSTRUCTION DOCUMENTS.

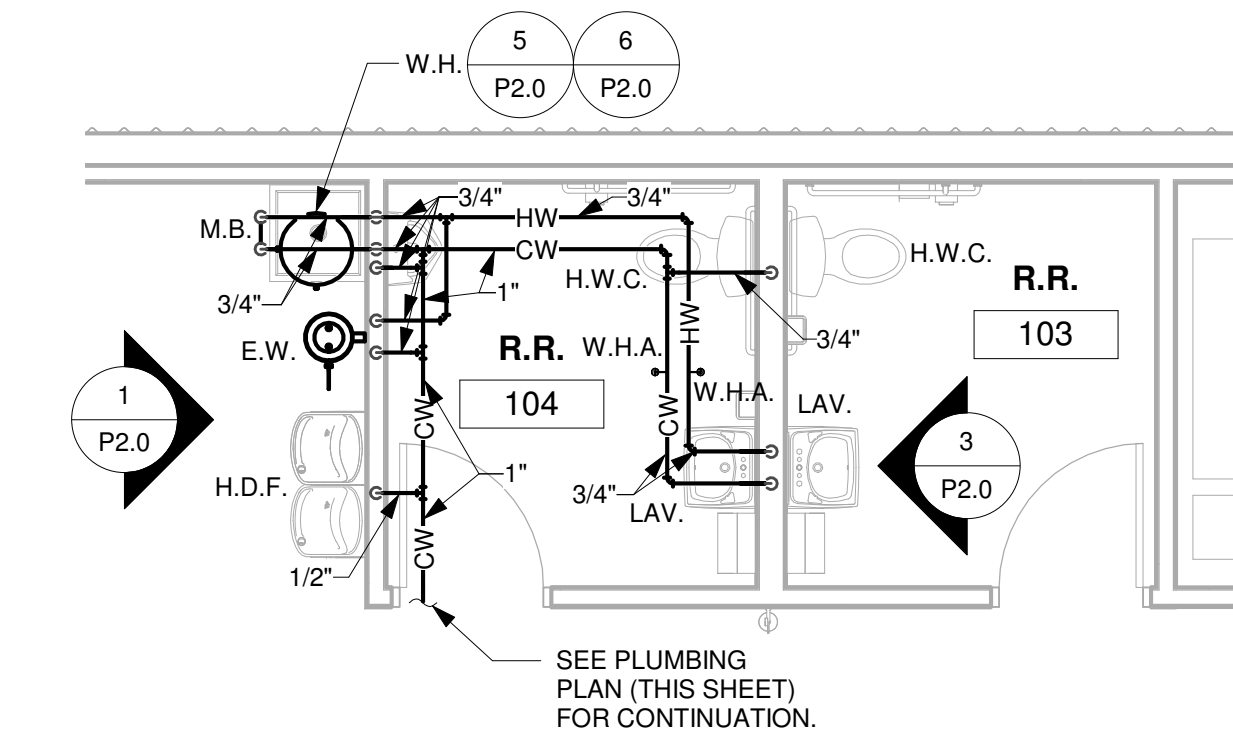
SEISMIC RESTRAINTS (ONLY REQUIRED FOR SEISMIC DESIGN CATEGORIES C,D,E,F)

CONTRACTOR TO REFER TO ARCHITECTURAL SHEET G1.1 FOR SEISMIC DESIGN CATEGORY.

IF REQUIRED SEE SEISMIC DETAILS SHEET ME1.

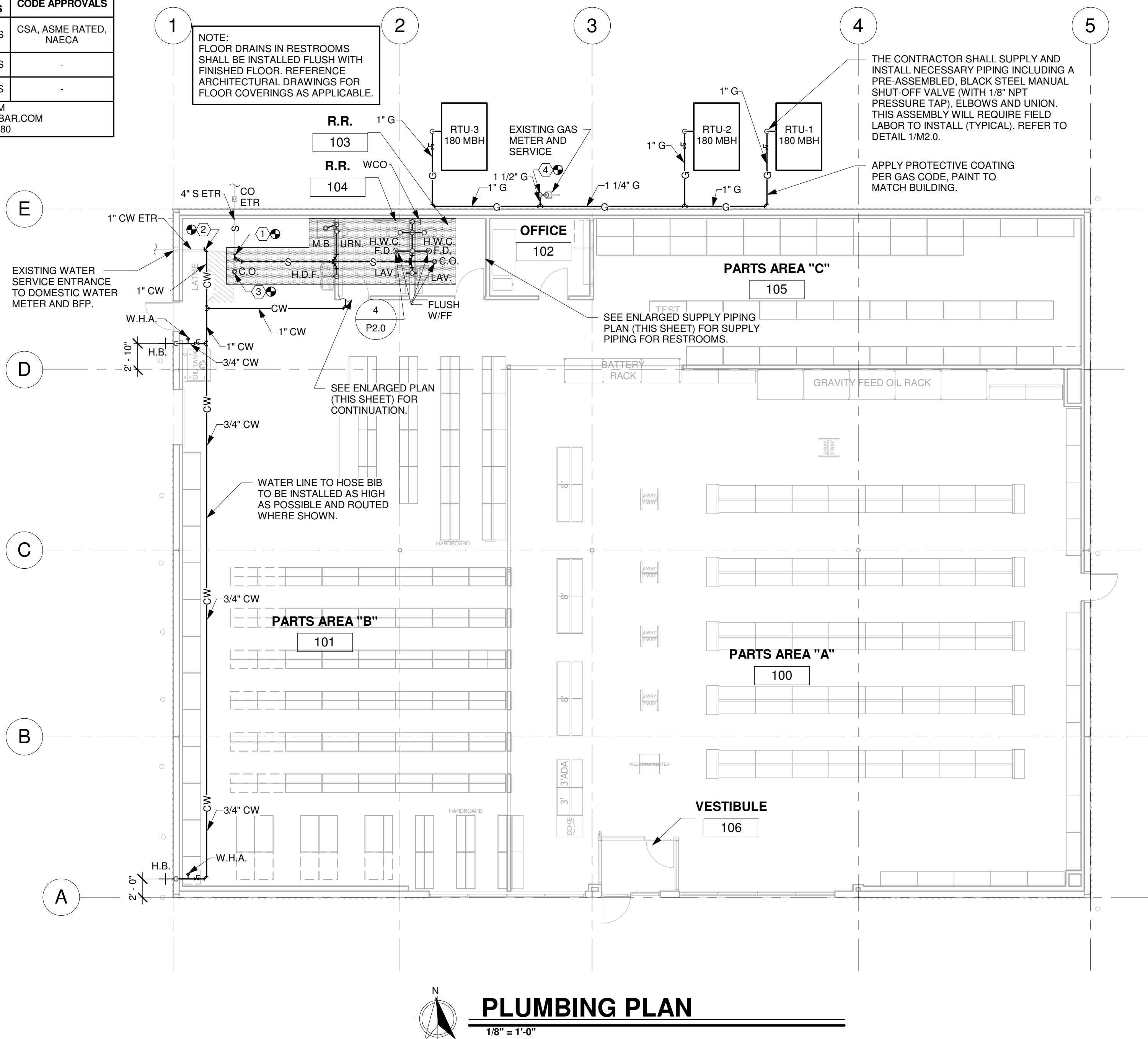
KEYED NOTES (P1 & P2)

- EXTEND NEW SANITARY PIPING (SEE RISER FOR SIZE, SHEET P2.0) TO LANDLORD PROVIDED, 4" MINIMUM. SANITARY STUB-IN. FIELD VERIFY EXACT LOCATION, INVERT, FLOW, ETC. PRIOR TO ROUGHING IN OR INSTALLING NEW SANITARY PIPING.
- EXTEND AND CONNECT NEW 1" WATER FROM LANDLORD PROVIDED 1" MIN. WATER STUB-IN. CONTRACTOR TO FIELD VERIFY LOCATION OF LANDLORD PROVIDED STUB-IN. PRIOR TO SERVICE TO ANY RESTROOM FIXTURES, PROVIDE NEW SHUT-OFF VALVE, METER WITH REMOTE READER OR SUB-METER, BACKFLOW PREVENTER, PRESSURE REDUCING VALVE, ETC. AS REQUIRED. FIELD VERIFY EXACT SIZE, LOCATION, PRESSURE, ETC. OF EXISTING PIPING PRIOR TO ROUGHING IN OR INSTALLING NEW PIPING. VERIFY EXACT UTILITY REQUIREMENTS.
- CONTRACTOR TO INSTALL NEW FLOOR CLEANOUT AT END OF LINE FOR RESTROOMS BEING REMOVED.
- CONTRACTOR TO EXTEND NEW GAS PIPING TO LANDLORD PROVIDED STUB-IN. LOCATION OF EXISTING GAS METER BANK IS AT REAR EXTERIOR WALL. REFER TO GAS LOAD SCHEDULE, THIS SHEET, FOR ADDITIONAL INFORMATION.



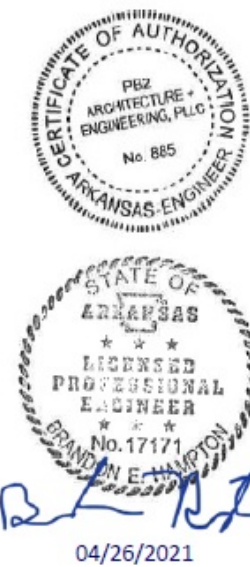
ENLARGED SUPPLY PIPING PLAN

1/4" = 1'-0"



PLUMBING PLAN

1/8" = 1'-0"



pb2
architecture
+ engineering

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PROJECT:
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1101 N. ILLINOIS ST
HARRISBURG, AR 72432

O'Reilly
AUTO PARTS

CORPORATE OFFICES:
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SPRINGFIELD, MISSOURI
(417) 862-2674 TELEPHONE

DRAWN BY: BEH
CHECKED BY: JDM

DATE:
04/26/2021

REVISION:

PROJECT NUMBER:
2021.0102

SHEET NUMBER:

P1.0

GENERAL STRUCTURAL NOTES

1

BUILDING CODE:

1.1

ARKANSAS FIRE PREVENTION CODE, 2012 EDITION

1.2

BASED ON THE 2012 INTERNATIONAL BUILDING CODE.

2

DESIGN LOADS:

2.1

DESIGN LOADS:
SNOW: GROUND.....10 PSF

LIVE20 PSF (REDUCIBLE)

WIND: BASIC WIND SPEED, V115 MPH (ULTIMATE)
EXPOSURE.....C
COMPONENT AND CLADDING ULTIMATE WIND PRESSURE TABLE IN PSF^{1,2}

LOCATION	EXTERIOR WALLS	
	TRIBUTARY AREA	
	10 SQ. FT.	500 SQ. FT.
TYPICAL	±28.6	±22.0
WITHIN 7'-0" OF BUILDING CORNER	±35.2	±22.0

¹LINEAR INTERPOLATION MAY BE USED FOR TRIBUTARY AREAS BETWEEN THOSE SHOWN
²PLUS AND MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD AND AWAY FROM THE PROJECTED SURFACES, RESPECTIVELY

3

GENERAL NOTES:

3.1

CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION AND FOR THE SAFETY OF PERSONS AND PROPERTY. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL SAFETY PRECAUTIONS AND REGULATIONS DURING THE WORK. THE ENGINEER WILL NOT ADVISE ON NOR ISSUE DIRECTION AS TO SAFETY PRECAUTIONS AND PROGRAMS.

3.2

THE STRUCTURAL DRAWINGS HEREIN REPRESENT THE FINISHED STRUCTURE. DURING ERECTION OF THE STRUCTURE, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR TEMPORARY GUYING, SHORING, BRACING, FORMING, ETC. TO HOLD THE STRUCTURE IN PROPER ALIGNMENT AND TO WITHSTAND ALL LOADS TO WHICH THE STRUCTURE MAY BE SUBJECTED, INCLUDING LATERAL LOADS, TEMPERATURE DIFFERENTIALS, STOCKPILES OF MATERIAL AND EQUIPMENT. SUCH MEASURES SHALL BE LEFT IN PLACE AS LONG AS REQUIRED FOR SAFETY AND UNTIL ALL FRAMING AND CONNECTIONS ARE IN PLACE. THE INVESTIGATION, DESIGN, SAFETY, ADEQUACY AND INSPECTION OF SUCH TEMPORARY MEASURES ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

3.3

DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO REVIEW BY THE ENGINEER.

3.4

ARCHITECTURAL DRAWINGS, MECHANICAL DRAWINGS, ELECTRICAL DRAWINGS, TELECOMMUNICATION DRAWINGS, FIRE PROTECTION DRAWINGS, EQUIPMENT DRAWINGS AND RELATED ITEMS ARE BY OTHERS.

3.5

CONTRACTOR AND SUBCONTRACTORS SHALL THOROUGHLY REVIEW ALL DRAWINGS AND SPECIFICATIONS PRIOR TO SUBMITTING BIDS. MISCELLANEOUS FASTENERS, CLIPS, ETC. THAT ARE NOT DETAILED ON THE DRAWINGS BUT ARE PART OF THE REQUIREMENTS FOR FULL INSTALLATION OF ALL STRUCTURAL SYSTEMS ARE TO BE PART OF THE BID. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO THE BID TO ASCERTAIN CONDITIONS WHICH MAY ADVERSELY AFFECT THE BID.

3.6

DURING THE BIDDING STAGE, CONTRACTOR SHALL REQUEST AN INTERPRETATION OF CONFLICTS PRIOR TO BIDDING. IF NO REQUEST IS MADE, BOTH PROVISIONS SHALL BE PRESUMED TO BE INCLUDED IN THE BID AND THE ARCHITECT/ENGINEER SHALL DETERMINE WHICH PROVISION GOVERNS, AND THE CONTRACTOR SHALL PERFORM THE WORK AT NO ADDITIONAL COST TO THE OWNER.

3.7

ALL OMISSIONS AND CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE CONSTRUCTION DRAWINGS AND/OR SPECIFICATIONS AND/OR EXISTING CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE WORK.

3.8

THE CONTRACTOR SHALL COORDINATED STRUCTURAL WORK WITH ALL DISCIPLINES PRIOR TO INSTALLING STRUCTURAL COMPONENTS.

3.9

MECHANICAL UNITS SUPPORTED BY ROOF STRUCTURE ARE SUBJECT TO THE ACCEPTANCE OF THE STRUCTURAL ENGINEER.

3.10

DO NOT HANG ANYTHING FROM THE EXISTING ROOF DECK.

4

EXISTING CONSTRUCTION:

4.1

WHEREVER APPLICABLE, PRIOR TO FABRICATION AND CONSTRUCTION, CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ELEVATIONS, DIMENSIONS, DETAILS OF EXISTING STRUCTURAL CONNECTIONS AND OTHER CONDITIONS WHERE THEY AFFECT THIS CONSTRUCTION. NOTIFY THE ENGINEER IF THERE ARE ANY DEVIATIONS FROM THE CONTRACT DOCUMENTS. CONSULT WITH THE STRUCTURAL ENGINEER BEFORE MAKING ANY MODIFICATIONS TO THE EXISTING STRUCTURE NOT INDICATED ON THE CONTRACT DOCUMENTS.

4.2

BEFORE PROCEEDING WITH ANY WORK WITHIN THE EXISTING FACILITY, THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE EXISTING STRUCTURE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL NECESSARY BRACING, SHORING AND OTHER SAFEGUARDS TO MAINTAIN THE EXISTING WORK IN A SAFE CONDITION DURING THE PROCESS OF DEMOLITION AND CONSTRUCTION AND TO PROTECT FROM DAMAGE THOSE PORTIONS OF THE EXISTING WORK WHICH ARE TO REMAIN.

4.3

THE CONTRACTOR SHALL CONSIDER ALL HAZARDS DUE TO WELDING WITHIN THE EXISTING FACILITY, INCLUDING FIRE HAZARD, TOXIC SMOKE HAZARD AND LIQUEFACTION OF MEMBERS UNDER LOAD. VERIFY THE PRESENCE OF ANY TOXIC MATERIALS PRIOR TO BIDDING THE WORK OR SUBMITTAL OF FINAL PRICE.

5

REINFORCED CONCRETE:

5.1

DESIGN CODE: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318), LATEST ADOPTION.

5.1.1

PROVIDE THE FOLLOWING CONCRETE PROPERTIES:

DESCRIPTION	COMPRESSIVE STRENGTH (f'c) AT 28 DAYS	MAX AGGREGATE SIZE	SLUMP ²	MAX WATER TO CEMENT RATIOS (W/C) ³
INTERIOR SLABS ON GRADE	4000 PSI	¾"	3" ± 1"	0.43
ANY CONCRETE SUBJECT TO FREEZE-THAW CYCLES (5% ENTRAINED AIR ¹)	4500 PSI	¾"	4" ± 1"	0.45

¹ TOLERANCE ON AIR CONTENT AS DELIVERED SHALL BE ± 1.5%.
² PRIOR TO ADDITION OF PLASTICIZER OR HIGH-RANGE WATER-REDUCER
³ THESE W/C RATIOS MAY BE LOWER THAN NECESSARY TO PROVIDE THE SPECIFIED STRENGTHS.

5.1.2

REINFORCING STEEL:
ALL BARS, STIRRUPS AND TIESASTM A615, GR. 60

5.2

PLACEMENT OF CONCRETE AND REINFORCEMENT SHALL BE IN ACCORDANCE WITH ACI AND CRSI STANDARDS. (UNLESS OTHERWISE SPECIFIED BY ACI 313.)

5.3

ALL WELDED WIRE FABRIC SHALL BE TRANSPORTED AND DELIVERED IN FLAT SHEETS.

5.4

MAINTAIN CONCRETE IN A CONTINUOUSLY DAMP AND WET CONDITION FOR NOT LESS THAN 7 DAYS AFTER PLACING. PROTECT FROM MOISTURE LOSS WITH SHEETING OR SPRAY-ON MEMBRANE MEETING ASTM C309.

5.5

SEE DRAWINGS FOR LOCATIONS OF SLAB CONTROL JOINTS. UNLESS OTHERWISE INDICATED, JOINTS SHALL BE PROVIDED AT 14'-0" OC MAX. FOR 4" SLABS, 20'-0" OC MAX. FOR 6" SLABS, AND 24'-0" OC MAX. FOR 8" SLABS, BUT SHALL IN ALL CASES BE PLACED AT EQUAL INTERVALS BETWEEN BUILDING GRIDS. SAWN CONTROL JOINTS SHALL BE MADE WITHIN 12 HOURS AND AS SOON AS POSSIBLE WITHOUT CAUSING RAVELING OR OTHER DAMAGE.

6

STRUCTURAL STEEL:

6.1

DESIGN CODE: SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (AISC 360), LATEST ADOPTION.

6.2

MATERIAL SPECIFICATIONS (UNLESS NOTED OTHERWISE):
STRUCTURAL STEEL WIDE FLANGEASTM A992
OTHER STRUCTURAL STEEL ROLLED SHAPES, PLATES & BARSASTM A36
HOLLOW STRUCTURAL SECTIONSASTM A500, GR B
THREADED RODSASTM A36
WELDS (E70XX ELECTRODES).....AWS D1.1

6.3

ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED ACCORDING TO THE SPECIFICATIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), LATEST ADOPTION, PROVISION 4.4 AND APPENDIX A OF THE AISC CODE OF STANDARD PRACTICE ARE SPECIFICALLY DELETED FROM THE PROJECT CONTRACT DOCUMENTS. THE FABRICATOR SHALL PROVIDE ITS SCHEDULE FOR THE SUBMITTAL OF SHOP AND ERECTION DRAWINGS A MINIMUM OF 14 DAYS PRIOR TO FIRST SUBMITTAL.

6.4

ALL WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AWS D1.1. UNLESS OTHERWISE NOTED, PROVIDE CONTINUOUS FILLET WELDS PER AISC REQUIREMENTS MEETING MINIMUM THICKNESSES ALLOWED PER THICKNESS OF MATERIAL WELDED. ALL FILLER MATERIAL SHALL HAVE A MINIMUM YIELD STRENGTH OF 58 KSI.

6.5

HOLES IN STEEL SHALL BE DRILLED OR PUNCHED. ALL SLOTTED HOLES SHALL BE PROVIDED WITH SMOOTH EDGES. BURNING OF HOLES AND TORCH CUTTING AT THE SITE ARE NOT PERMITTED.

7

POST-INSTALLED FASTENING:

7.1

POST-INSTALLED SYSTEMS ARE BASED ON THE FOLLOWING (UNLESS NOTED OTHERWISE):

DESCRIPTION	ANCHOR/ADHESIVE ¹	APPLICATIONS
ADHESIVES	HILTI HIT-HY 200 OR FLOWERS AC 100+	CONCRETE (EXCLUDES PRECAST HOLLOW-CORE)
MECHANICAL ANCHOR	HILTI KWIK HUS-EZ OR SIMPSON TITEN HD	---
POWDER-ACTUATED FASTENERS	HILTI X-U 32	COLD-FORMED STEEL FRAMING TO CONCRETE OR MASONRY

¹ SUBSTITUTIONS WILL BE CONSIDERED PROVIDED THE CONTRACTOR SUPPLIES DOCUMENTATION OF EQUAL OR GREATER CAPACITY BASED ON ANCHOR SIZE, EMBEDMENT DEPTH, SPACING AND EDGE DISTANCE.

7.1.1

POST-INSTALLED ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS.

8

COLD-FORMED STEEL FRAMING:

8.1

DESIGN, FABRICATION AND ERECTION COLD-FORMED STEEL FRAMING SHALL CONFORM TO THE NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS (AISI S100), LATEST ADOPTION.

8.2

DETAILS SHOWN ON THE DRAWINGS ARE INTENDED TO EXPRESS A DESIGN MINIMUM PERFORMANCE.

8.2.1

FURNISH BRIDGING, BLOCKING, CLIP ANGLES, BRACING, REINFORCEMENTS, FASTENERS AND ALL OTHER ACCESSORIES FOR COMPLETE INSTALLATION AS RECOMMENDED BY THE MANUFACTURER FOR THE APPLICATION INDICATED. ALL BRIDGING (IF REQUIRED) SHALL BE INSTALLED PRIOR TO THE ADDITION OF ANY LOADING.

8.3

STUDS AND ACCESSORIES SHALL BE GALVANIZED WITH A G-60 COATING MEETING THE REQUIREMENTS OF ASTM A653.

8.4

ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS PER AWS STANDARDS, IN CONFORMANCE WITH AWS SPECIFICATION D1.3. CONSULT AWS D19.0 WELDING ZINC COATED STEEL.

8.5

ALL FIELD WELDS AND SURFACES ABRADED DURING SHIPPING OR ERECTION SHALL BE TOUCHED UP WITH ZINC RICH PAINT IMMEDIATELY AFTER ERECTION.

8.6

NOTCHING OR COPING OF STUDS IS NOT ALLOWED, UNLESS NOTED OTHERWISE.

8.7

SPLICES IN AXIALLY LOADED STUDS ARE NOT PERMITTED.

8.8

END OF STUDS SHALL FIRMLY AND SQUARELY SEAT TO RUNNER TRACKS, TOP AND BOTTOM.

8.9

SECURELY ANCHOR ALL GIRTS AND PURLINS TO EACH OTHER AND TO THE SUPPORTING STRUCTURE.

8.10

RUNNER TRACK SHALL BEAR FULLY ON SUPPORTING STRUCTURE AND SHALL BE FASTENED TO CONCRETE WITH POWDER-ACTUATED FASTENERS PER THE POST-INSTALLED FASTENER SECTION AND SHALL MATCH SPACING OF EACH VERTICAL STUD, UNLESS NOTED OTHERWISE.

8.11

TOP TRACK CONNECTIONS OF NON-LOAD BEARING WALLS SHALL PROVIDE FOR A 1/2" MINIMUM VERTICAL DEFLECTION OF SPANDREL BEAMS, GIRDERS, ETC. UNLESS NOTED OTHERWISE.

8.12

PROVIDE DOUBLE JACK STUDS AT ALL BEAM AND TRUSS BEARINGS, UNLESS OTHERWISE NOTED.

8.13

PROVIDE WEB STIFFENERS AT JOIST AND RAFTER BEARINGS IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS.

8.14

THE GAUGE OF ALL CONNECTING ELEMENTS, INCLUDING TRACKS, SHALL BE NO LIGHTER THAN THE GAUGE OF THE MEMBER BEING CONNECTED.

9

SUBMITTALS:

9.1

GENERAL SUBMITTAL REQUIREMENTS

9.1.1

CONTRACTOR SHALL REVIEW, STAMP, SIGN AND DATE ALL SUBMITTALS PRIOR TO FORWARDING TO ARCHITECT/ENGINEER. THE ENGINEER'S REVIEW IS FOR CONFORMANCE WITH THE DESIGN CONCEPT AND GENERAL COMPLIANCE WITH THE RELEVANT CONTRACT DOCUMENTS. THE ENGINEER'S REVIEW DOES NOT RELIEVE THE CONTRACTOR OF THE SOLE RESPONSIBILITY TO REVIEW, CHECK AND COORDINATE THE SUBMITTALS. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS IN THE SUBMITTALS.

9.1.2

SHOP DRAWINGS SHALL BE IN THE FORM OF BLACK-LINE PRINTS OR PORTABLE DOCUMENT FORMAT (PDF) FOR REVIEW. DRAWINGS LISTED BELOW AS "CERTIFIED" SHALL BEAR THE SIGNED AND DATED SEAL OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED. IN NO CASE SHALL REPRODUCTIONS OF THE CONTRACT DRAWINGS BE USED AS SHOP DRAWINGS. DRAWINGS SHALL SHOW ERECTION PLANS, DIMENSIONS, BRACING AND BRIDGING REQUIREMENTS, DETAILS, SUPPORTED MECHANICAL EQUIPMENT AND PIPING. SUBMITTALS ARE REQUIRED.

9.1.3

SHOP DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED PRIOR TO FABRICATION

9.2

STRUCTURAL STEEL:

9.2.1

SHOP DRAWINGS

9.3

CONCRETE

9.3.1

CONCRETE MIX DESIGN SUBMITTAL

9.3.2

REBAR LAYOUT SHOP DRAWINGS

10

SPECIAL INSPECTION:

10.1

SPECIAL INSPECTION IS REQUIRED IN ACCORDANCE WITH IBC SECTION 1701 THE FOLLOWING PORTIONS OF CONSTRUCTION

10.1

CONCRETE

10.1.1

DURING TAKING OF TEST SPECIMENS.

10.1.2

REINFORCEMENT -- PRIOR TO PLACING CONCRETE.

10.2

STRUCTURAL WELDING:

10.2.1

ONLY APPROVED FABRICATORS IN ACCORDANCE WITH IBC 1704.2.2 SHALL BE USED.

10.2.2

FULL TIME INSPECTION IN ACCORDANCE WITH AISC 341 SHALL BE REQUIRED EXCEPT FOR THE FOLLOWING ITEMS WHICH REQUIRE PERIODIC INSPECTION, INCLUDING 100% VISUAL INSPECTION:

10.2.3

SINGLE-PASS FIELD-PERFORMED FILLET WELDS NOT EXCEEDING 5/16".

10.2.4

VERIFICATION OF WELDER QUALIFICATIONS, WELDING PROCEDURES AND MATERIALS.

10.2.5

PERIODIC INSPECTION, INCLUDING RANDOM VERIFICATION OF PROPER TIGHTENING.

10.3

POST INSTALLED ANCHORS:

10.3.1

INSTALLATION OF ADHESIVE AND MECHANICAL ANCHORS SHALL BE CONTINUOUSLY INSPECTED DURING INSTALLATION BY AN INSPECTOR SPECIALLY APPROVED BY THE BUILDING OFFICIAL.

10.4

STRUCTURAL MASONRY:

10.4.1

FULL TIME DURING PREPARATION AND TAKING OF PRISMS AND TESTS.

10.4.2

AT START OF LAYING UNITS, (PERIODICALLY DURING PLACEMENT OF ALL MASONRY UNITS, CONNECTORS AND REINFORCING).

10.4.3

GROUT SPACE, MORTAR JOINTS, GROUT PROPORTIONS AND REINFORCING BARS PRIOR TO GROUTING OPERATIONS.

10.4.4

FULL TIME DURING ALL GROUTING OPERATIONS.

10.5

REPORTS FOR THE ABOVE SHALL BE SUBMITTED TO THE ENGINEER. ALL REPORTS SHALL CLEARLY INDICATE COMPLIANCE OR NON-COMPLIANCE.

10.6

THE CONTRACTOR SHALL NOTIFY THE SPECIAL INSPECTOR AT LEAST 48 HOURS IN ADVANCE FOR WORK THAT WILL REQUIRE INSPECTION OR TESTING.

10.7

UPON COMPLETION OF EACH PHASE OF THE WORK, THE SPECIAL INSPECTOR SHALL SUBMIT A LETTER STATING COMPLIANCE WITH AND VARIANCES FROM THE PROJECT REQUIREMENTS (IF ANY).

10.8

UPON COMPLETION OF THE PROJECT, THE SPECIAL INSPECTOR SHALL SUBMIT A LETTER STATING COMPLIANCE WITH THE PROJECT REQUIREMENTS INCLUDING MEASURES TAKEN TO CORRECT PREVIOUSLY IDENTIFIED NON-COMPLYING ITEMS.

ABBREVIATIONS

ACI	AMERICAN CONCRETE INSTITUTE	AWS	AMERICAN WELDING SOCIETY
ASCE	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
ASTM	AMERICAN IRON AND STEEL INSTITUTE	ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS

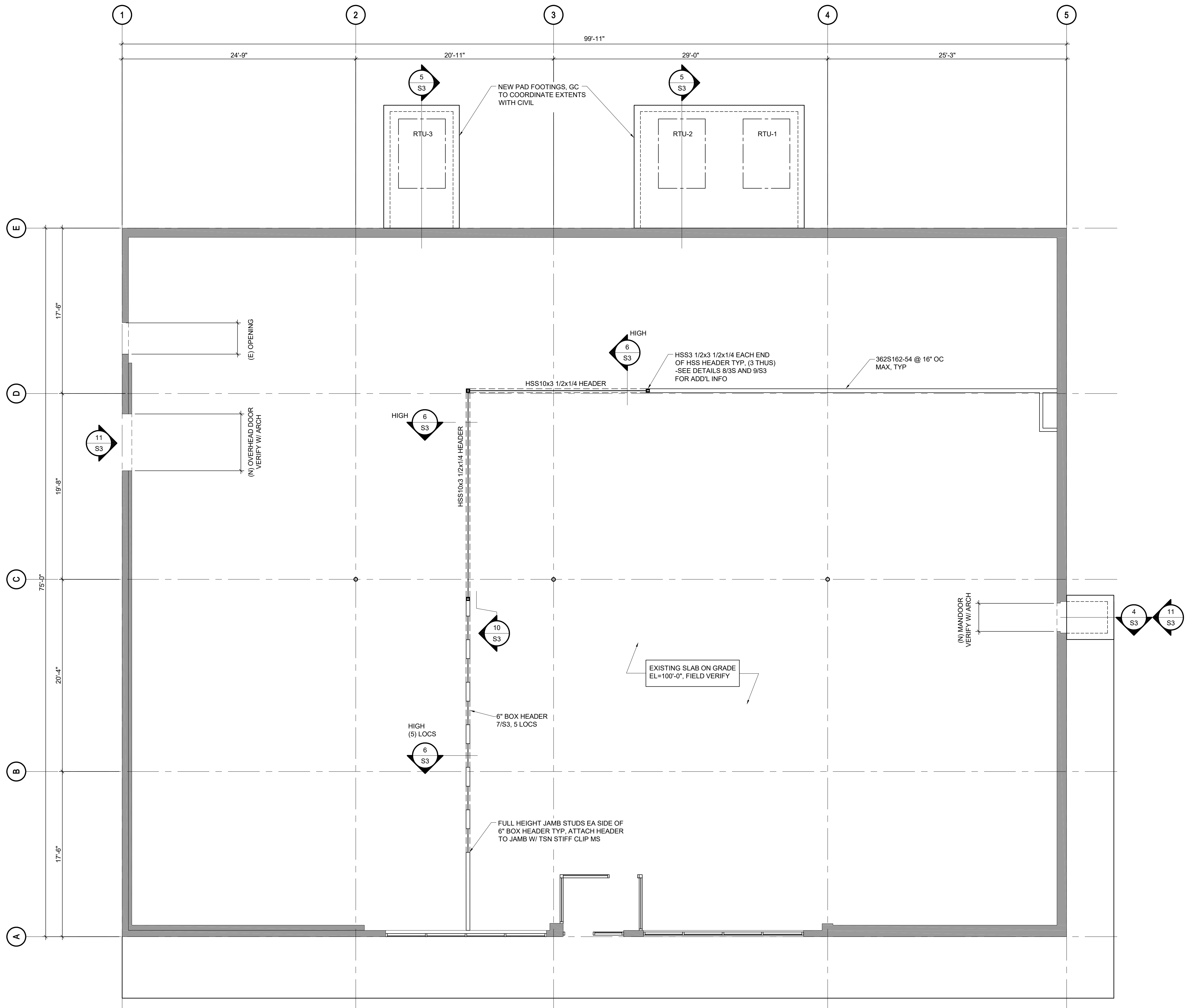
PROJECT:
O'REILLY AUTO PARTS STORE
1101 N. ILLINOIS STREET
HARRISBURG, AR 72432

O'Reilly AUTO PARTS
CORPORATE OFFICES
293 SOUTH PATTERSON
SPRINGFIELD, MISSOURI 65802
(417) 862-2674 TELEPHONE

DRAWN BY:	CHECKED BY:
JWO	MSN
DATE: 04/26/2021	
REVISION: BID SET	
PROJECT NUMBER: 210168	
SHEET NUMBER	

SO

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SLAB ON GRADE PLAN

- PLAN NOTES:
- FOR GENERAL STRUCTURAL NOTES SEE SHEET S0.
 - CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS, ETC PRIOR TO FABRICATION OR CONSTRUCTION.
 - COORDINATE WITH ALL DISCIPLINES FOR EXTENTS OF DEMO.
 - FOR TYPICAL BAR BENDING DETAIL, SEE 1/S3.
 - FOR TYPICAL CORNER REINFORCING DETAIL, SEE 2/S3.
 - SLAB INFILL AND TRENCHING TO BE REPAIRED PER DETAIL 3/S3.
 - GC TO CONFIRM NO CROSS BRACING AT ANY OF THE NEW DOOR OPENINGS.

3/16" = 1'-0"

O'Reilly AUTO PARTS

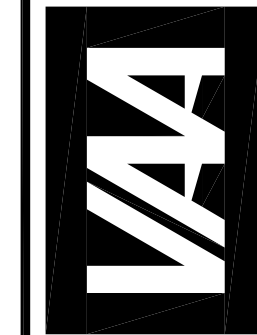
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PROJECT:
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HARRISBURG, AR 72432

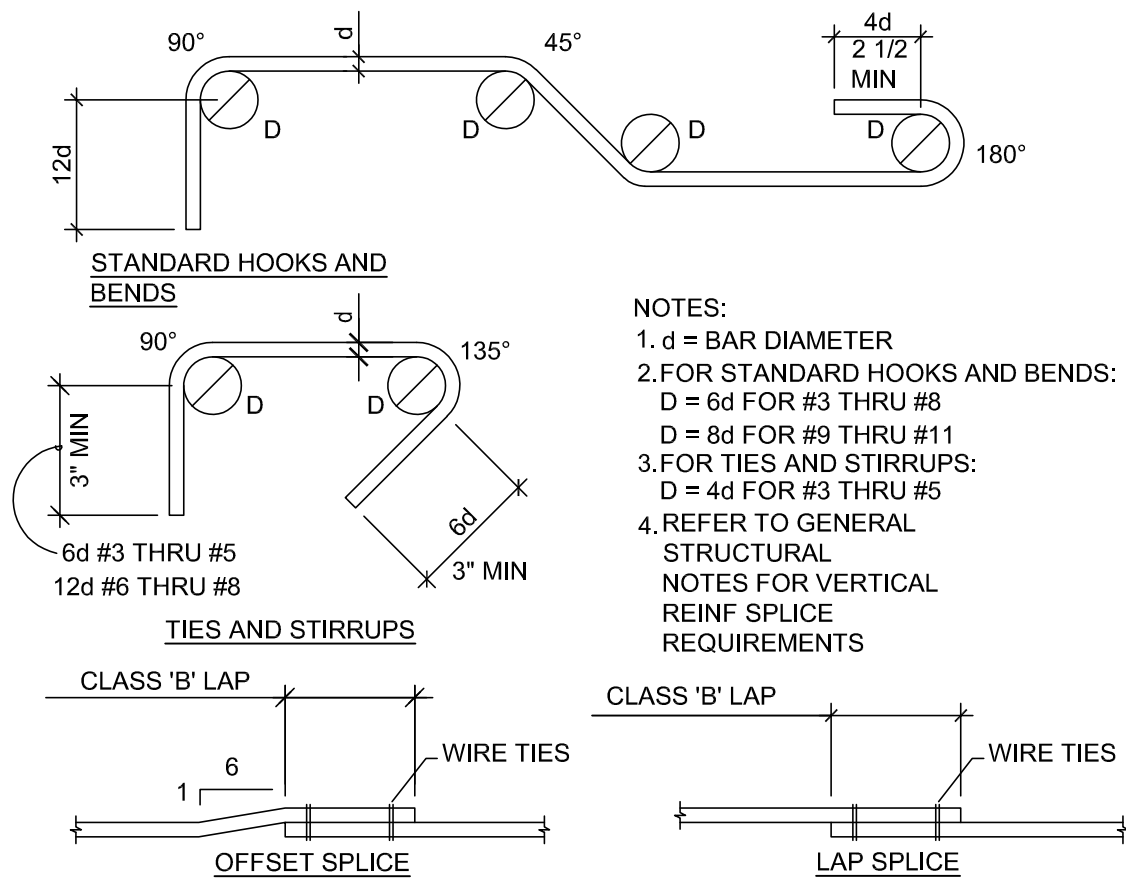
SLAB ON GRADE PLAN

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210168

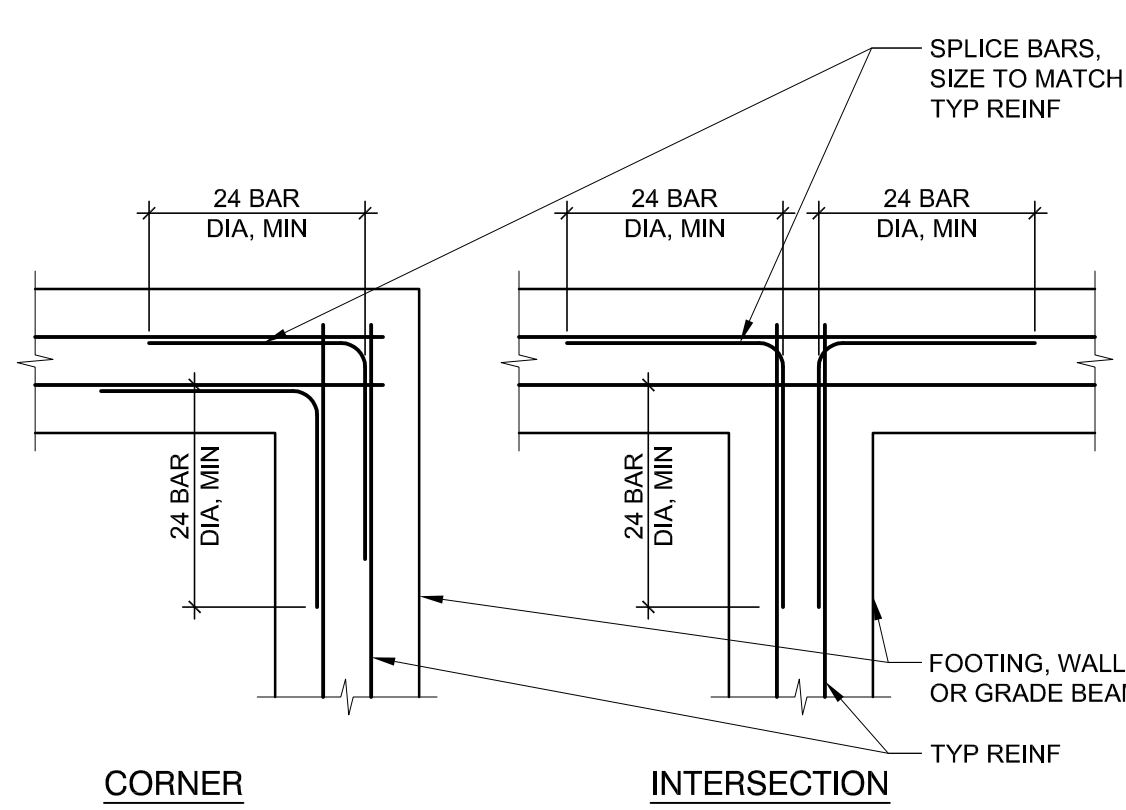
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S1



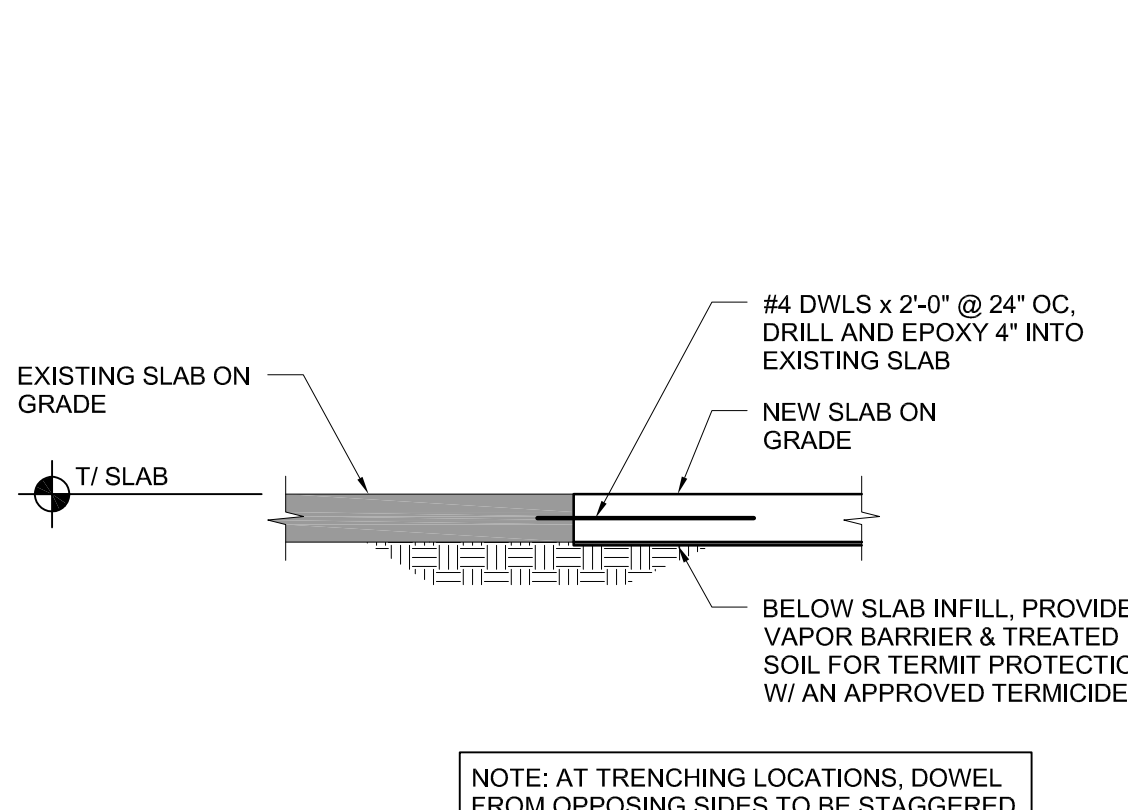
VAA LLC
2000 West Lane N, Suite 200
Plymouth, MN 55441
AK firm Registration No. 2794
703.559.1100
www.vaa.com
Project # 210168



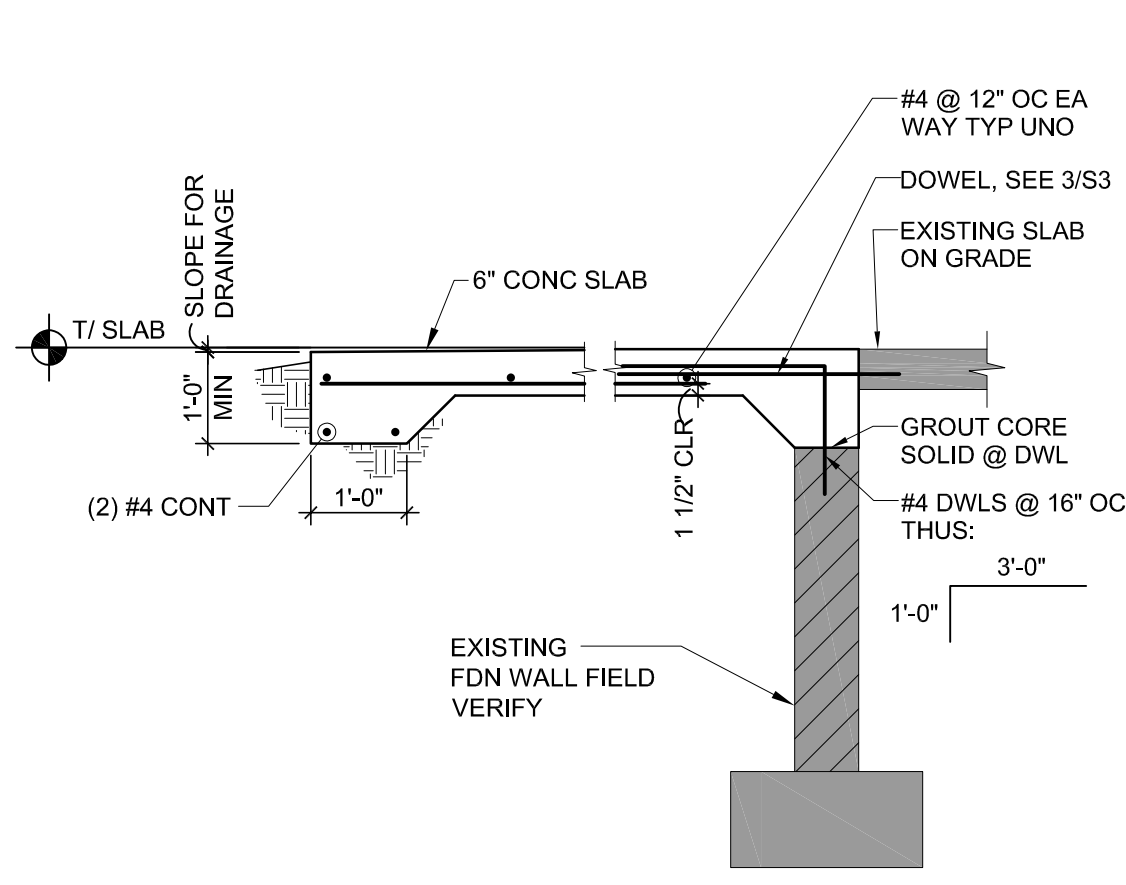
1 TYP BAR BENDING DETAIL
S3 NONE



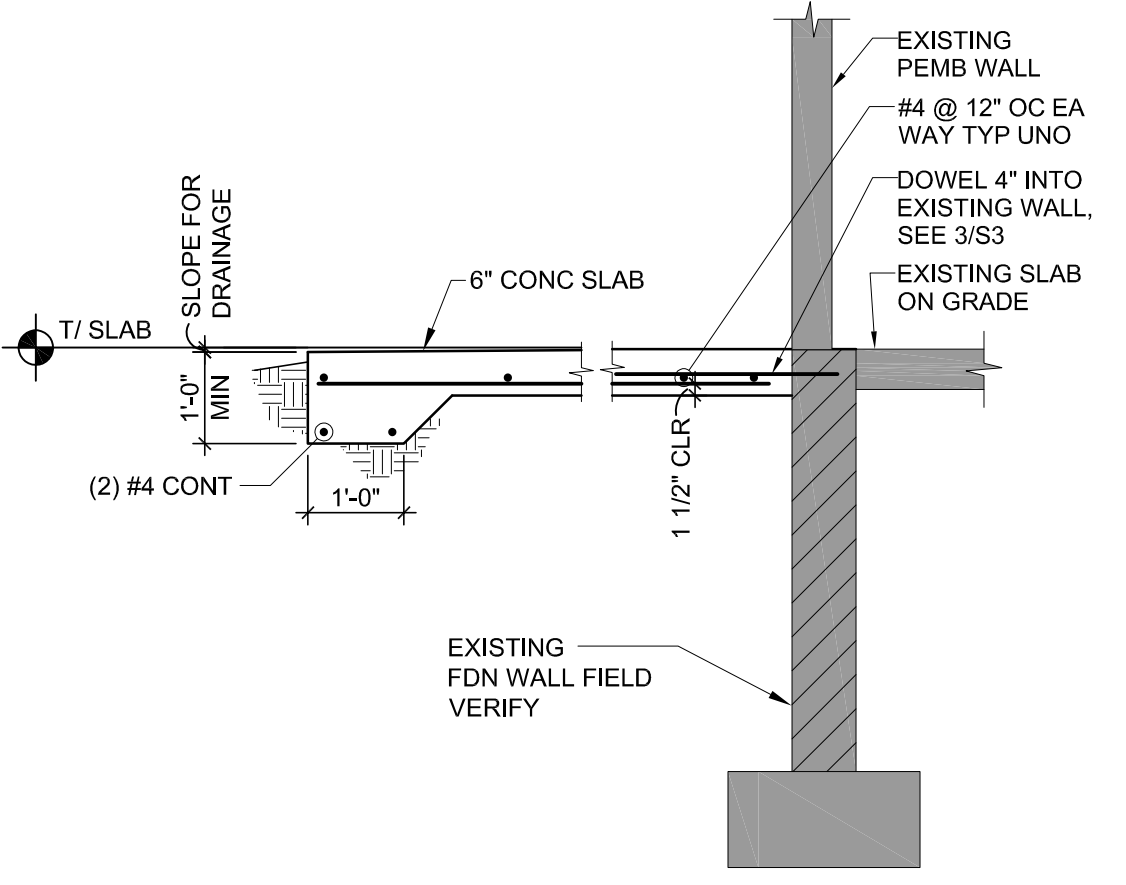
2 CORNER REINF DETAIL
S3 3/4" = 1'-0"



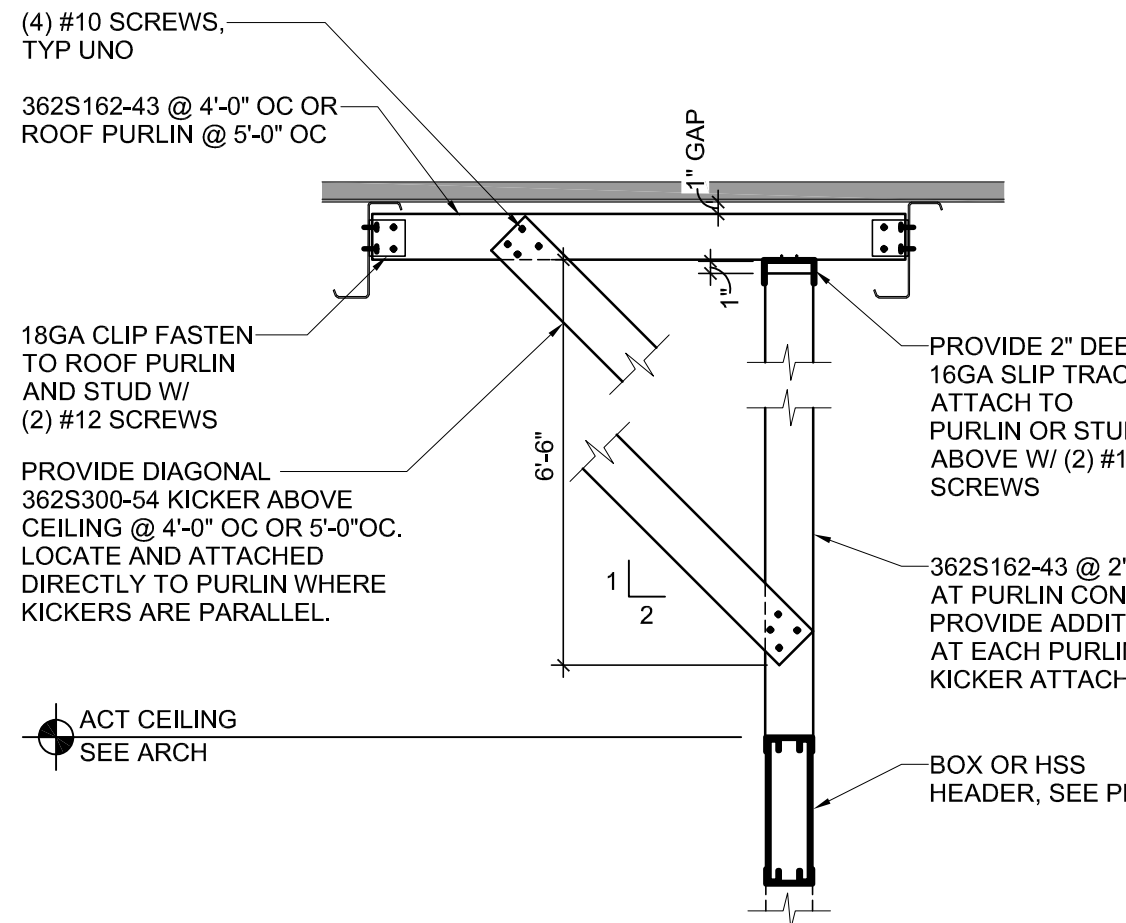
3 SLAB INFILL DETAIL
S3 3/4" = 1'-0"



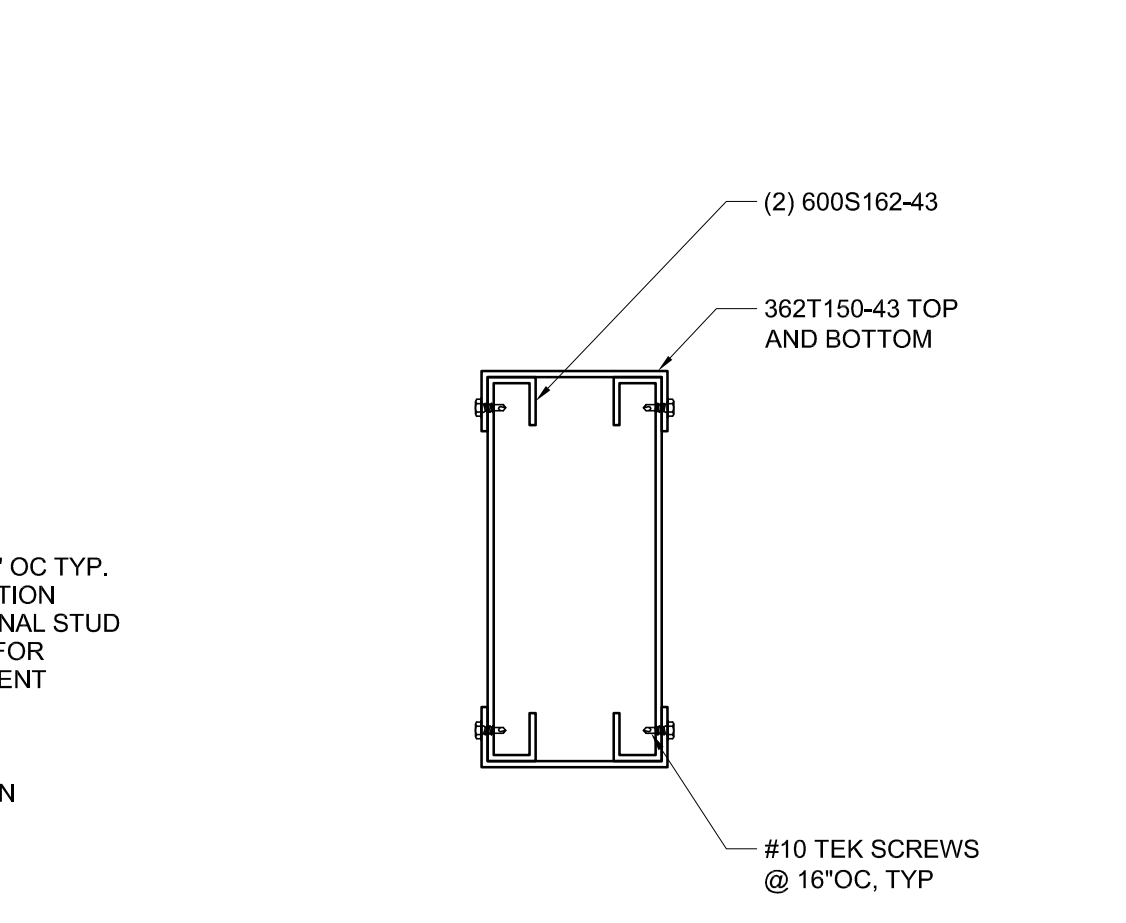
4 STOOP SLAB DETAIL
S3 1/2" = 1'-0"



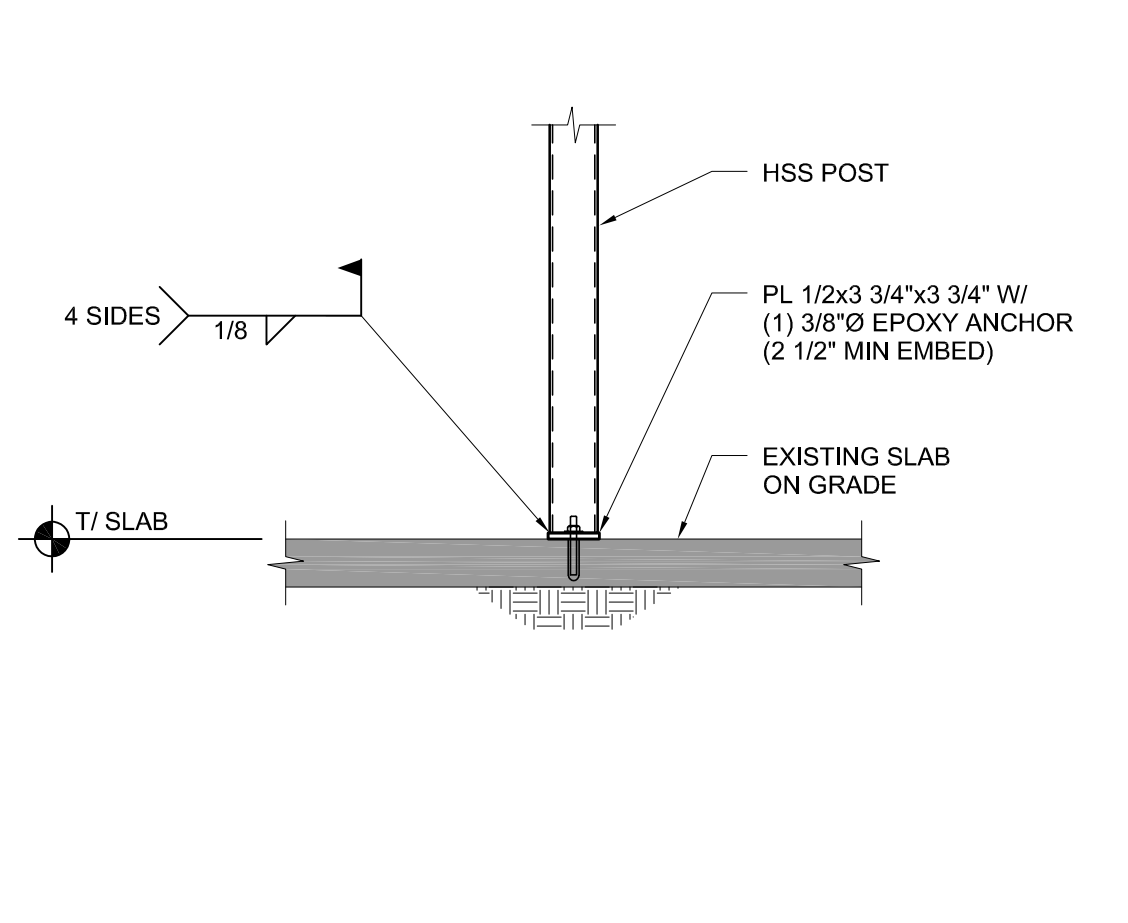
5 HVAC SLAB DETAIL
S3 1/2" = 1'-0"



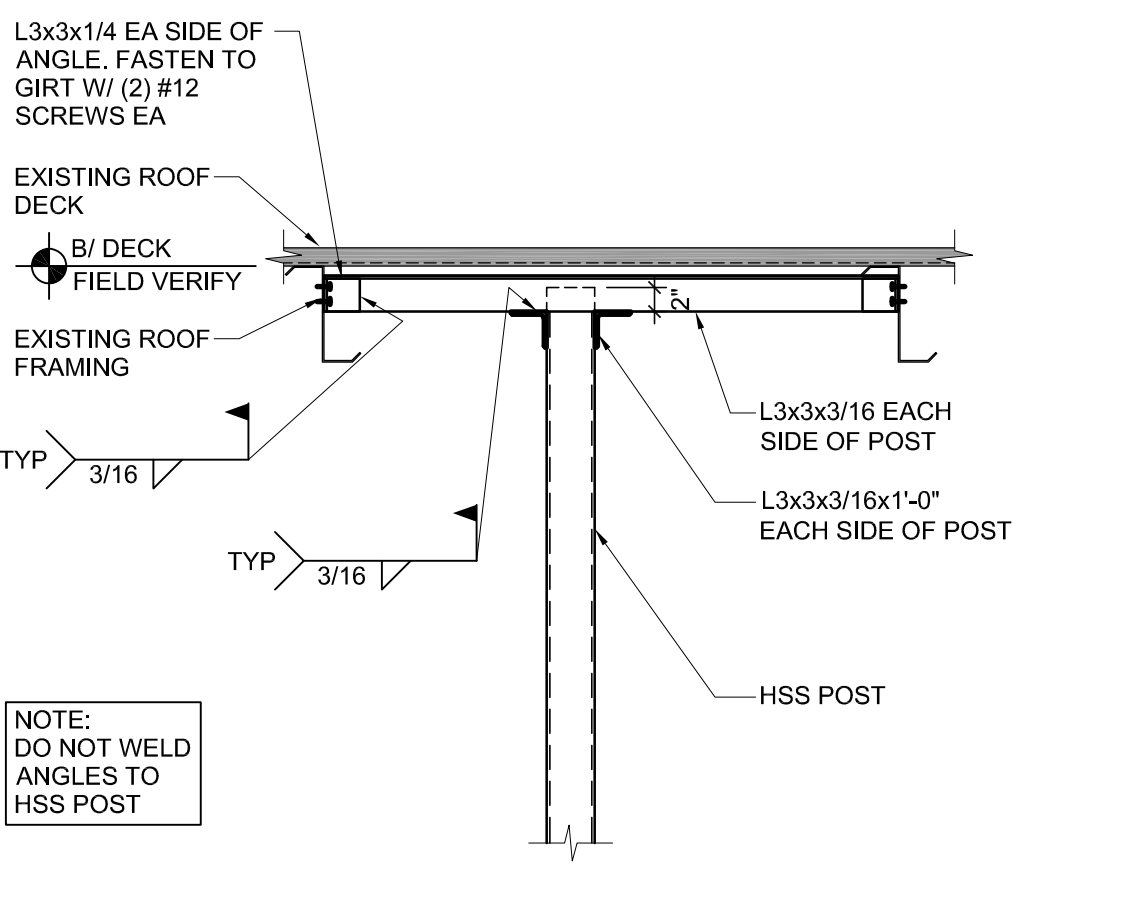
6 BRACING DETAIL
S3 3/4" = 1'-0"



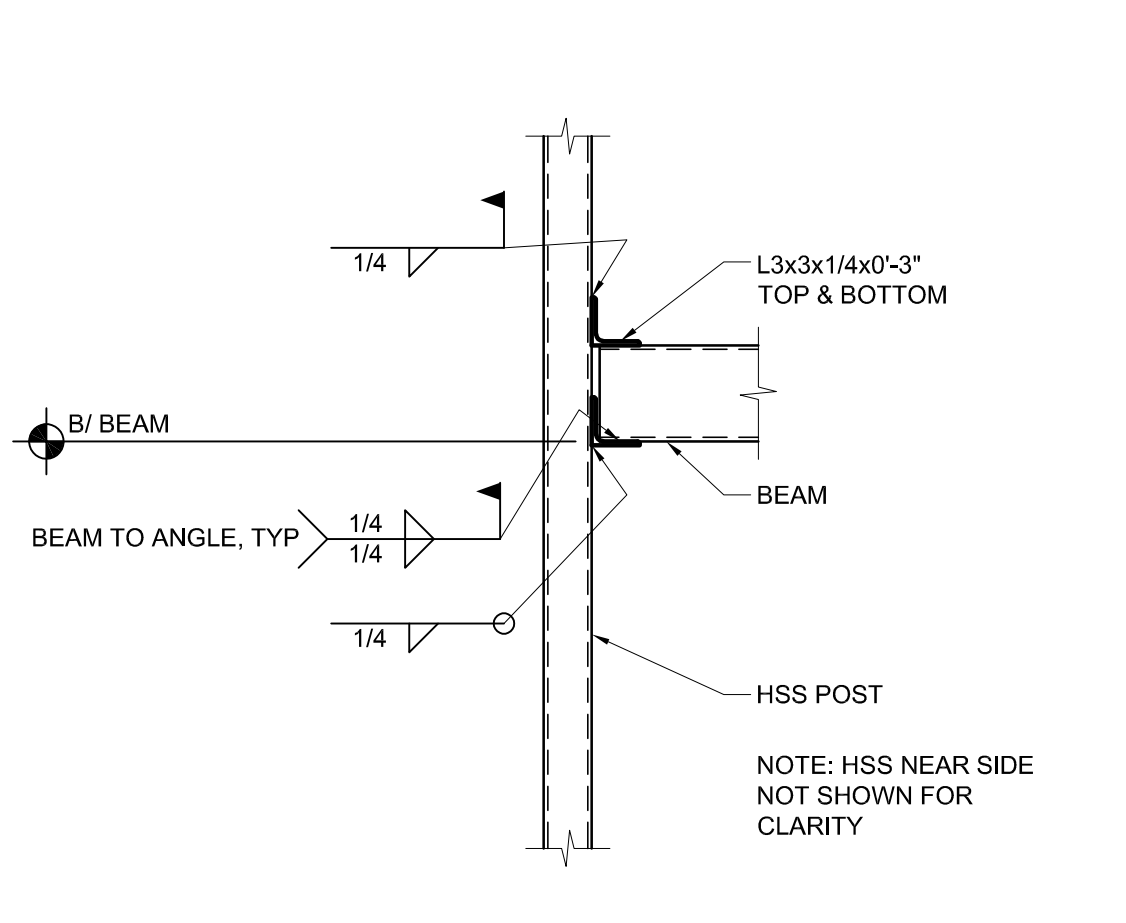
7 BOX HEADER
S3 3" = 1'-0"



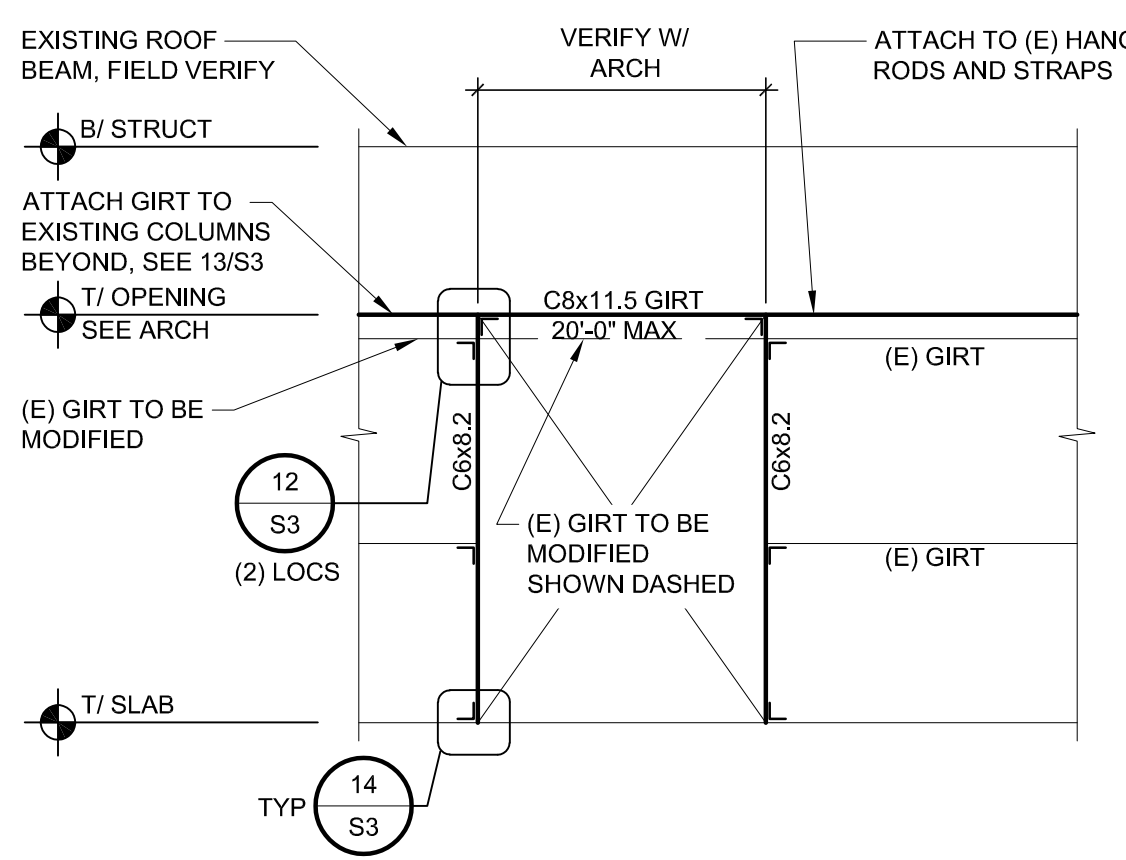
8 POST BASE DETAIL
S3 3/4" = 1'-0"



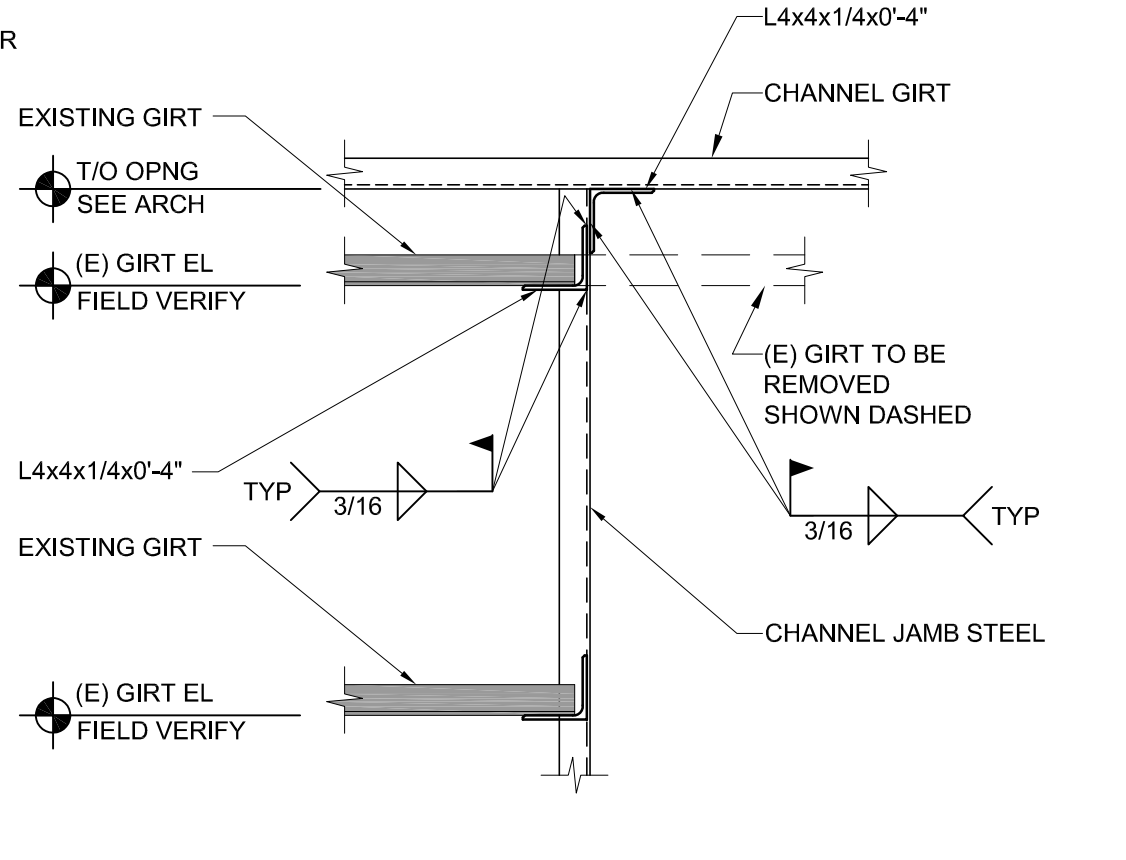
9 POST BASE DETAIL
S3 3/4" = 1'-0"



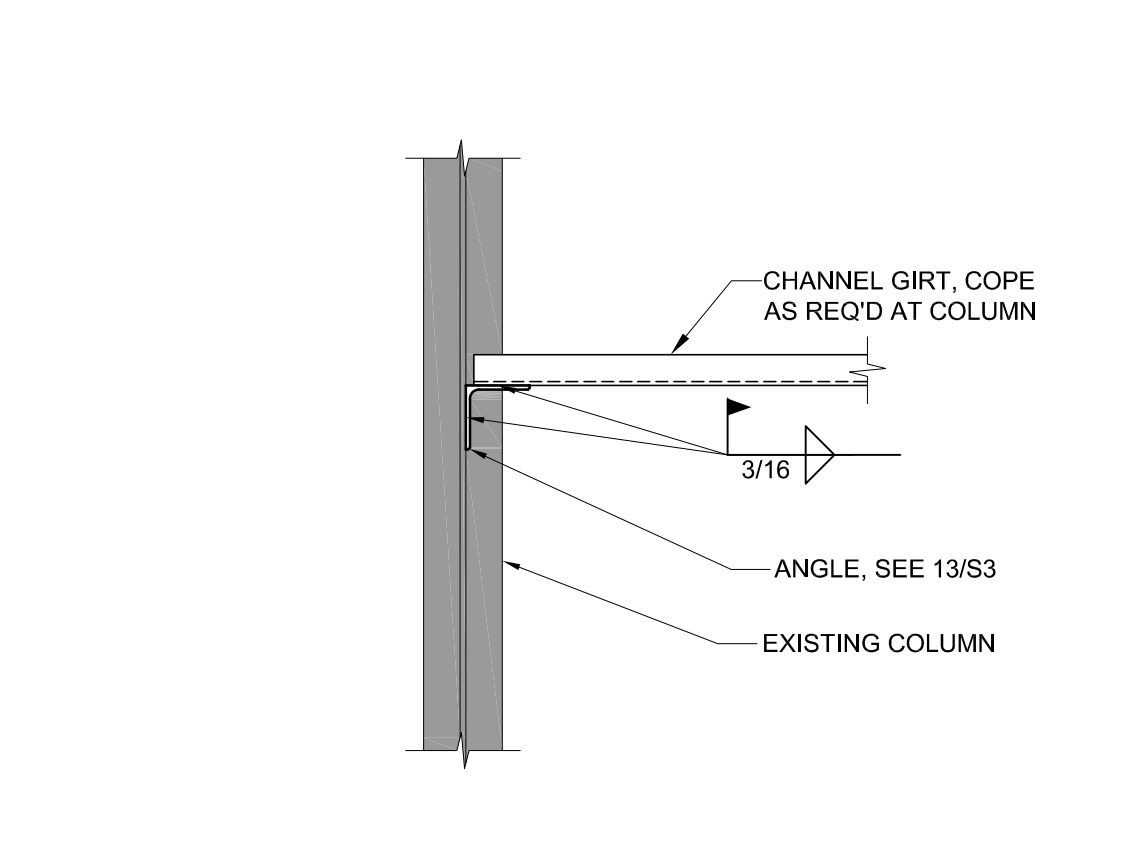
10 BEAM CONNECTION DETAIL
S3 1" = 1'-0"



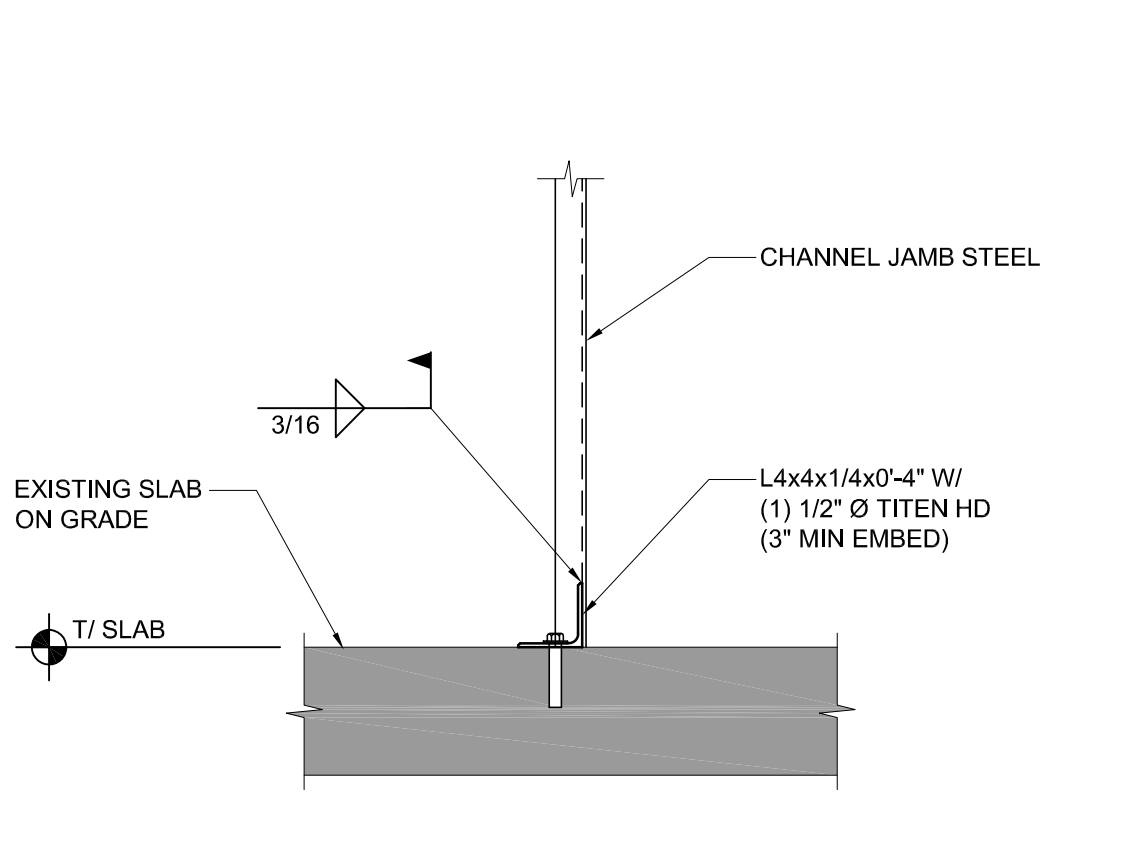
11 NEW DOOR OPENING
S3 1/4" = 1'-0"



12 FRAME DETAIL
S3 1" = 1'-0"



13 FRAME DETAIL
S3 1" = 1'-0"



14 FRAME DETAIL
S3 1" = 1'-0"



PROJECT:
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DATE: 04/26/2021
REVISION:
BID SET
PROJECT NUMBER: 210168
SHEET NUMBER:

S3

GENERAL NOTES	
A.	CONTACT OWNER'S OR TENANT'S DESIGNATED PROJECT ADMINISTRATOR FOR QUESTIONS OR CLARIFICATIONS.
B.	BUILDING PERMANENT SIGNAGE OWNER FURNISHED AND INSTALLED. (REFER TO SCOPE OF WORK SCHEDULE). SIGNAGE GRAPHICS PROVIDED FOR REFERENCE ONLY (N.I.C.) AND CONTRACTOR'S COORDINATION WITH SPECIFIC PROJECT CONSTRUCTION CONDITIONS. CONTRACTOR TO PROVIDE BACKING AND ROUGH-IN ELECTRICAL AS REQUIRED FOR INSTALLATION. REFER TO A2.1 FOR EXTERIOR BUILDING FINISH.
C.	REQUIRED GOVERNMENTAL PERMITS FOR PERMANENT TYPE SIGNAGE TO BE PROVIDED BY OWNER OR OTHERS (N.I.C.).



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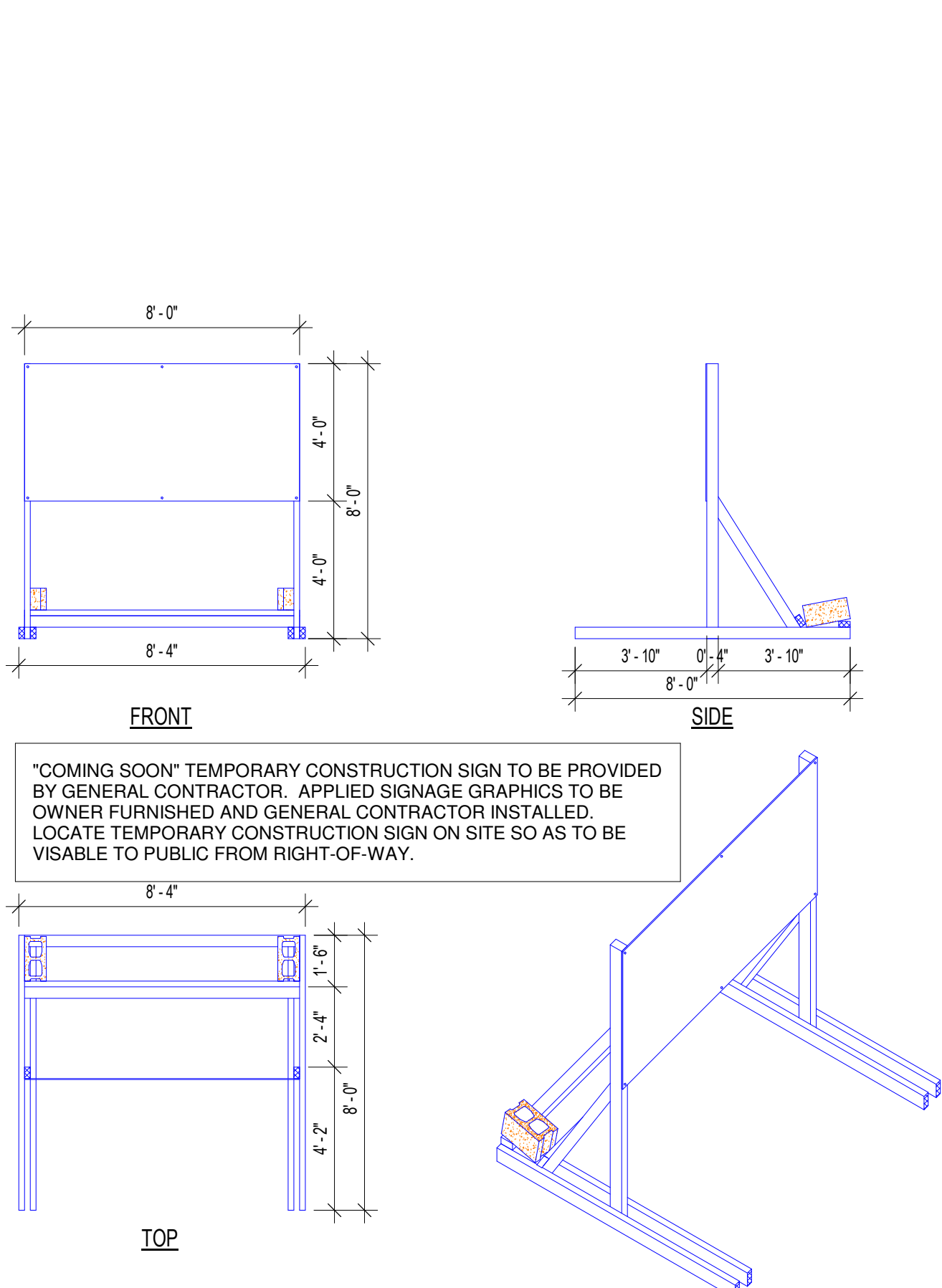
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Architect of Record
Scott Joseph Broadbent
Arkansas License No. 8881
Firm License No. LL5

PROJECT:
REMODEL O'REILLY AUTO PARTS STORE
1101 N. ILLINOIS ST
HARRISBURG, ARKANSAS
BUILDING EXTERIOR SIGNAGE

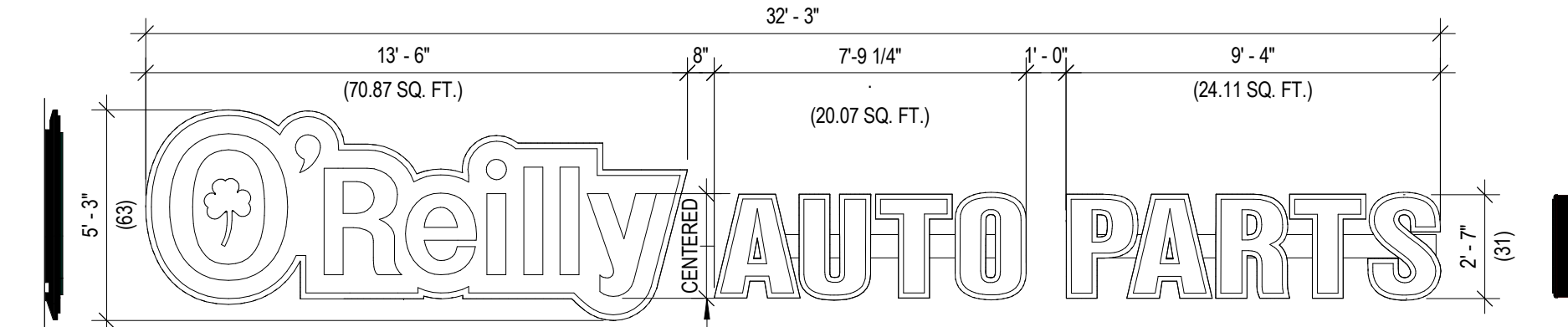
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SG2.1

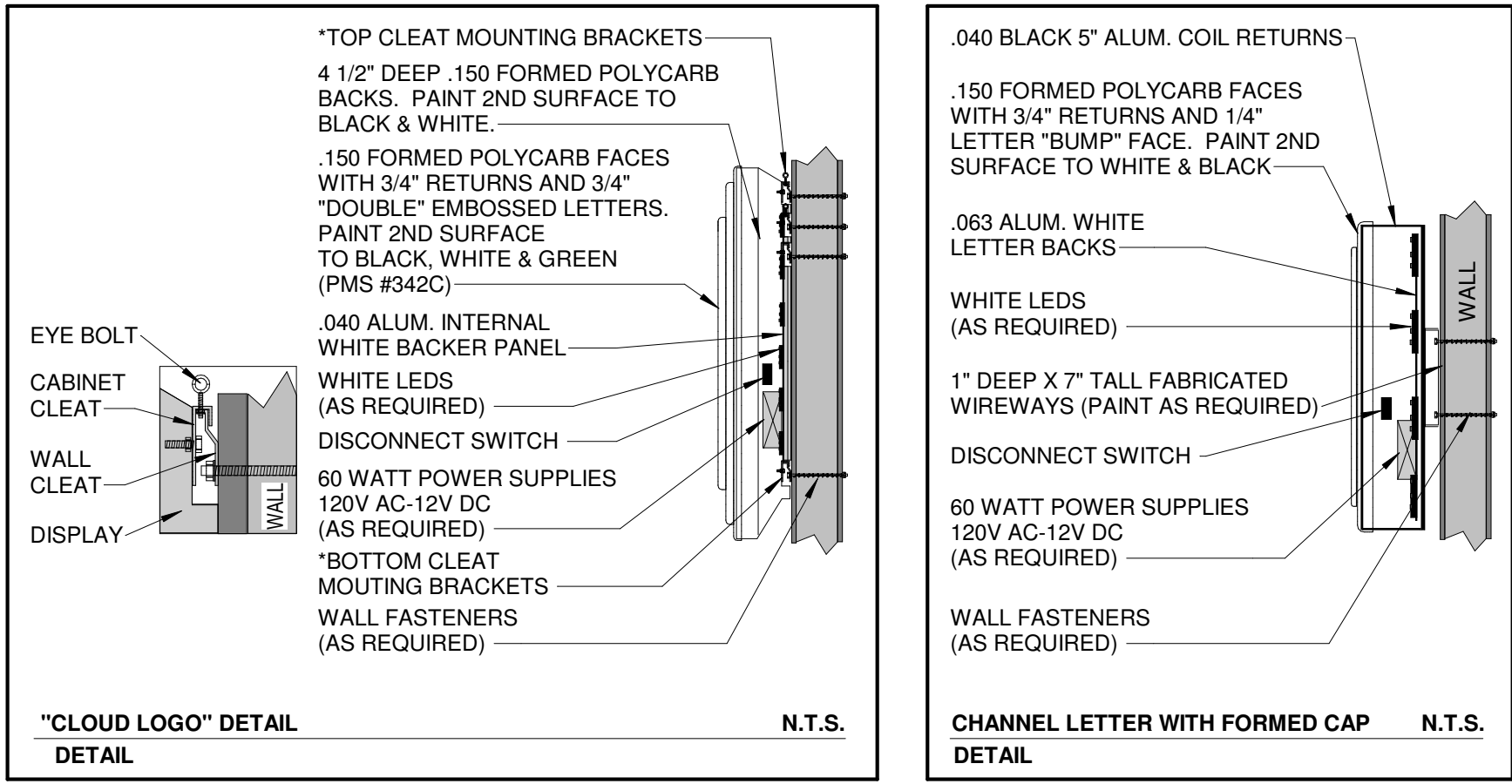


1 SG2.1 - COMING SOON CONSTRUCTION SIGN
1/4" = 1'-0"

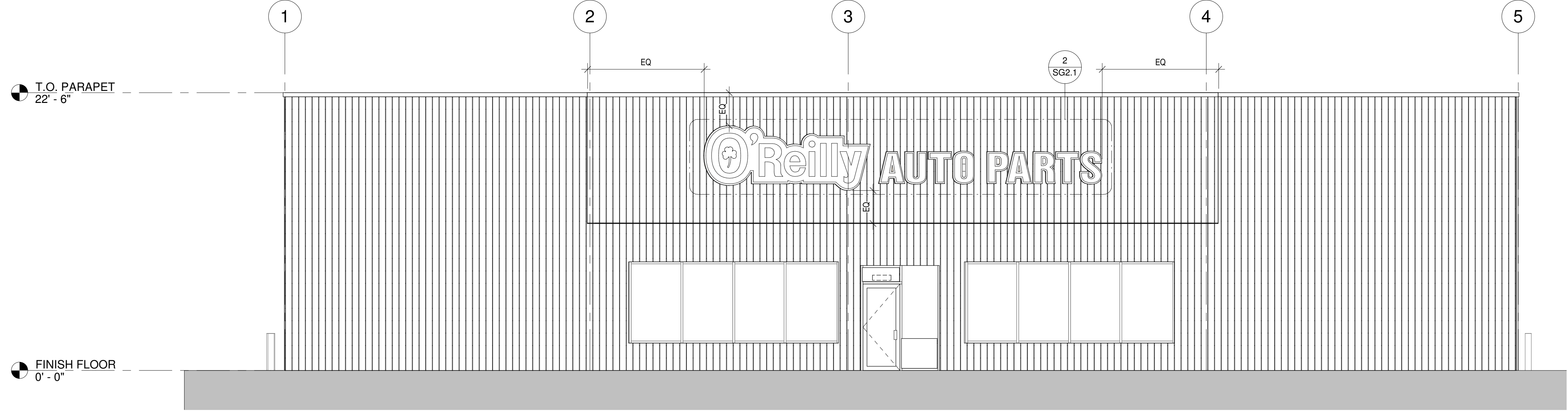


SIDE VIEW "O'Reilly" FRONT VIEW SCALE 1/4" = 1'-0" PART # 63/31-L-CLDLOGO&CHLTRS-WFC SIDE VIEW "AUTO PARTS" 115.05 SQ. FT. (COMBINED INDIVIDUAL COMPONENTS) 169.42 SQ. FT. (ENCOMPASSED RECTANGLE)

"O'REILLY" CLOUD LOGO WITH "AP" CHANNEL LETTERS ON 7" (H)X1"(D) WIREWAYS. RACEWAYS PAINT COLOR. TBD
"O'REILLY" CLOUD LOGO IS FORMED POLYCARB WITH DOUBLE EMBOSSEDMENT WITH 2ND SURFACE PAINTED GRAPHICS. PAINT MATCH TO: GREEN (PMS#342C), BLACK AND WHITE.
"AP" TO HAVE FORMED POLYCARB CAPS WITH 1/4" LETTER "BUMPS". BLACK 5" ALUMINUM COIL RETURNS. 2ND SURFACE BLACK AND WHITE PAINT. WHITE LED ILLUMINATION.



2 63 31L SIGNAGE DETAIL
1/4" = 1'-0"



3 EAST SIGNAGE ELEVATION
3/16" = 1'-0"