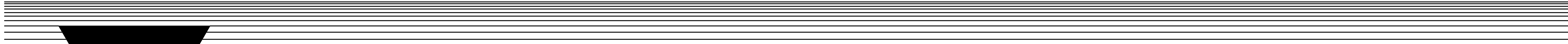


STORAGE BUILDINGS B,C,D,E
BBL STORAGE, LLC
 4845 HWY 555
 SPRINGFIELD, KY 40069

ISSUE DATE: ----	
REVISIONS:	NOTE SYMBOL



ARCHITECT:
 KEYES ARCHITECTS AND ASSOCIATES
 4717 PRESTON HIGHWAY
 LOUISVILLE, KENTUCKY 40213
 PH: (502) 636-5113
 CONTACT: JOY WILSON
 EMAIL: JWILSON@KEYESARCHITECTS.COM
 ARCHITECT: CHARLES J. KEYES III

OWNER:
 BBL STORAGE, LLC
 4845 HWY 555
 SPRINGFIELD, KY 40069
 502-507-1290
 MICHAEL SALSMAN
 MSALSMAN1261@GMAIL.COM



PROJECT INFORMATION			
APPLICABLE BUILDING CODES			
BUILDING CODE / KBC	2018		
ACCESSIBILITY CODE / ANSI 117.1	2009 / 2010 ANSI		
ENERGY CODE / IECC	2012		
USE AND OCCUPANCY: H3 - WAREHOUSE			
CONSTRUCTION TYPE: II-B			
BUILDING INFORMATION PRE-ENGINEERED METAL BUILDING ALL EXPLOSION PROOF WIRING - NO HEATING OTHER THAN IN SPRINKLER RISER ROOM.			
TOTAL BUILDING SIZE:		43,400 s.f.	
FIRE SUPPRESSION: FULLY SPRINKLERED			
OCCUPANCY ALLOWANCE			
FUNCTION OF SPACE	ALLOWANCE	AREA	OCCUPANCY
WAREHOUSE	500 GROSS	43,400	86
TOTAL OCCUPANCY ALLOWANCE:			86

Sheet List Table	
Sheet Number	Sheet Title
T1.01	Title Sheet
Foundation Plans & Details	
F1.01	Foundation Plan
F2.01	Foundation Details
Life Safety Plans	
LS1.01	Life Safety Plan
Floor Plans	
A1.01	Floor Plan
Exterior Elevations	
A2.01	Exterior Elevations
Schedules and Standards	
A3.02	Accessibility Site Details
Details & Sections	
A5.01	Wall Sections and Details
A5.02	Wall Sections and Stair Details
A5.03	Stair Details
A6.01	Door Details
Specifications	
SP1.01	Specifications
SP1.02	Specifications

CONTRACTOR:
 BCD, INC.
 1962 FILIATREAU LANE
 BARDSTOWN KY 40004

 JASON HARROD
 JHARROD@BARDSTOWN.COM

BASED ON THE BLOW COUNTS MEASURED BY MEANS OF OVERALL SITE FROM THE GEOTECHNICAL ENGINEERS TESTING, THE SOILS ENCOUNTERED AT THAT LEVEL ARE COMPETENT TO SUPPORT FOUNDATIONS DESIGNED BASED ON AN ALLOWABLE NET BEARING CAPACITY OF UP TO 2,500 POUNDS PER SQUARE FOOT.

BY THE 2015 EDITION OF THE INTERNATIONAL BUILDING CODE, THIS IS A VERY DENSE SOIL AND SOFT ROCK PROFILE, SITE CLASS C. THE SPECTRAL RESPONSE ACCELERATION COEFFICIENTS, FOR THIS AREA, AS PROVIDED BY U.S.G.S., FEMA DESIGN PARAMETERS ARE:

SS = 0.184 G SMS = 0.220 G SDS = 0.147 G
 S1 = 0.100 G SM1 = 0.170 G SD1 = 0.118 G

FOUNDATION NOTES

- 1) CONCRETE CONTRACTOR MUST VERIFY LOCATION, SIZES AND PLACEMENT OF ANCHOR BOLTS USING BUILDING MANUFACTURER'S DATA. CONTRACTOR MUST VERIFY IN FIELD.
- 2) FOUNDATION CONCRETE TO BE 3,000 SLAB CONCRETE TO BE 4,000 P.S.I.
- 3) CONTRACTOR TO PROVIDE REINFORCED CONCRETE WORK REQUIRED FOR BRACED BAYS. VERIFY REQUIREMENTS WITH BUILDING MANUFACTURER.
- 4) CONTRACTOR TO SUPPLY ARCHITECT WITH BUILDING MANUFACTURER'S STAMPED ENGINEERING DRAWINGS AND BASE REACTIONS BEFORE BEGINNING CONSTRUCTION SO THAT ARCHITECT MAY VERIFY FOUNDATION DESIGN.
- 5) ALL FOOTINGS AND PIERS ARE TO BE CENTERED ON THE BUILDING COLUMNS UNLESS OTHERWISE NOTED.
- 6) COLUMN PIERS ARE TO BE PLACED INTEGRAL WITH THE GRADE BEAM OR FOUNDATION WALLS WITH REINFORCING TO BE CONTINUOUS THROUGH PIERS.
- 7) COLUMN PIERS MUST BE MIN. 12" ANY DIRECTION PLUS 1" PAST MANUF. BASE PLATES. GROUT SOLID BETWEEN PIER AND BASE PLATE. CONTRACTOR MUST COORDINATE WITH BUILDING MANUFACTURER AND VERIFY IN FIELD.
- 8) BUILDING FOUNDATIONS ARE DESIGNED FOR 1,500 P.S.F. SOIL BEARING CAPACITY. VERIFY BEFORE CONSTRUCTION.
- 9) ALL ANCHOR BOLTS TO BE SET BY TEMPLATE MATCHING BUILDING MANUFACTURER'S LAYOUTS.
- 10) NO FIELD ALTERING OF BASE PLATES IS ALLOWED.
- 12) CONTRACTOR TO SET OVERHEAD DOOR JAMB ANCHORS INTO FLOOR SLAB AS REQUIRED BY BUILDING MANUFACTURER.
- 14) BUILDING ANCHOR BOLTS TO BE DIAMETER DESIGNED BY BUILDING MANUFACTURER. LENGTHS TO BE 3" PROJECTION, 15" IMBEDDED W/ 3" HOOK UNLESS OTHERWISE DESIGNED BY MANUFACTURER OR HERE IN.
- 15) FOOTING TO REST ON UNDISTURBED SOIL, OR ENGINEERED FILL.

FOOTING SCHEDULE

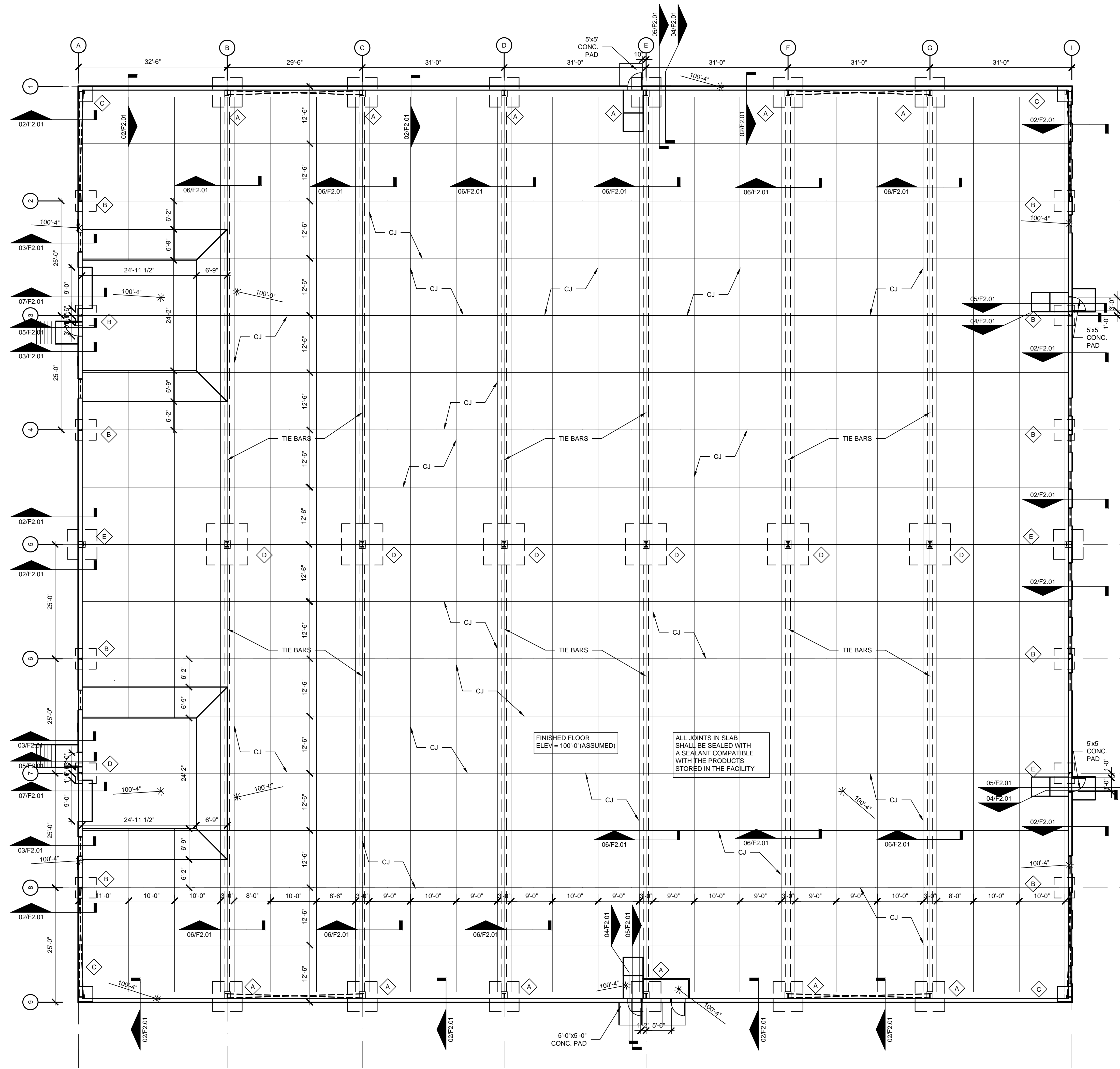
TYPE	SIZE	REINFORCING	MIN. PIER	DETAILS	REMARKS
A	6'-6" x 6'-6" x 2'-0" MIN	(9) #5 BARS E.W. TOP AND BTM.	*12" x 24"	01/F2.01	1,"2,3
B	4'-6" x 4'-6" x 1'-3"	(6) #5 BARS E.W. BTM.	*12" x 24"	01/F2.01	1,"2
C	3'-3" x 3'-3" x 1'-3"	(5) #5 BARS E.W. BTM.	*12" x 24"	01/F2.01	1,"2,4
D	9'-0" x 9'-0" x 2'-0" MIN	(13) #5 BARS E.W. TOP AND BTM.	*12" x 24"	03/F2.01	1,"2,4
E	6'-6" x 6'-6" x 2'-0" MIN	(9) #5 BARS E.W. TOP AND BTM.	*12" x 24"	01/F2.01	1,"2
F	TBD				

REMARKS

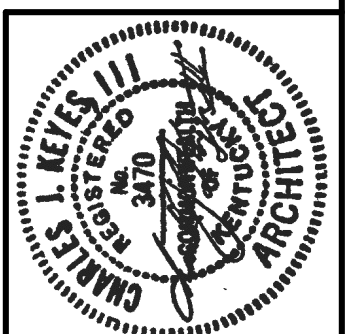
1. PIER AND FOUNDATION WITH WALL CURB.
2. *VERIFY ALL PIER DIMENSIONS WITH BASE PLATE SIZES AND CURB DEPTH PRIOR TO FORMING AND POURING CONCRETE. SEE FOUNDATION NOTE #7

NOTE: GENERAL CONTRACTOR RESPONSIBLE FOR COORDINATION OF ALL SUB TRADES AND REQUIREMENTS BY OWNER

NOTE: ELECTRICAL, HVAC AND PLUMBING TO BE RELOCATED PER FEDERAL, STATE AND LOCAL CODES. GENERAL CONTRACTOR TO COORDINATE.



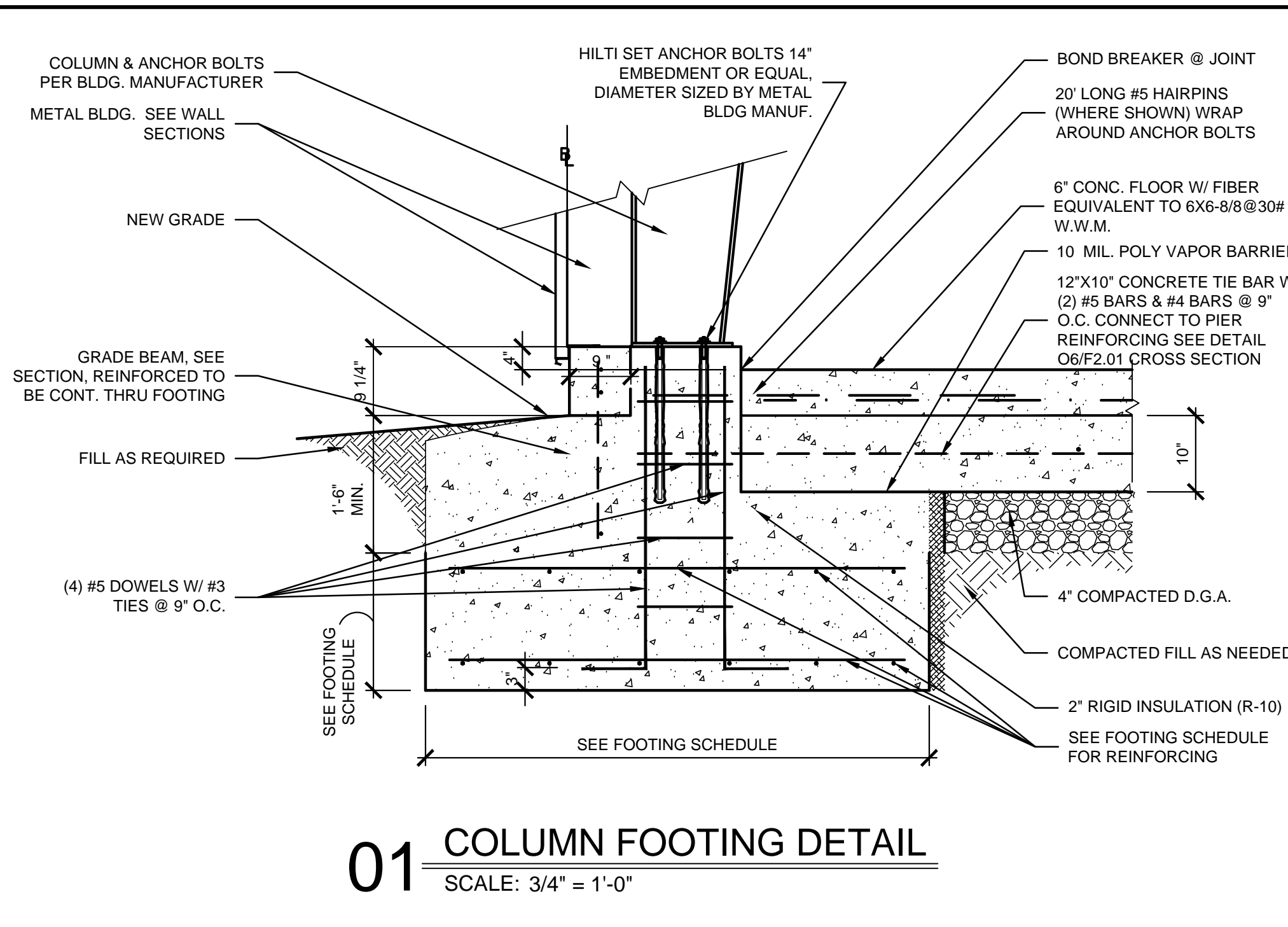
01 FOUNDATION PLAN
SCALE: 3/32" = 1'-0"



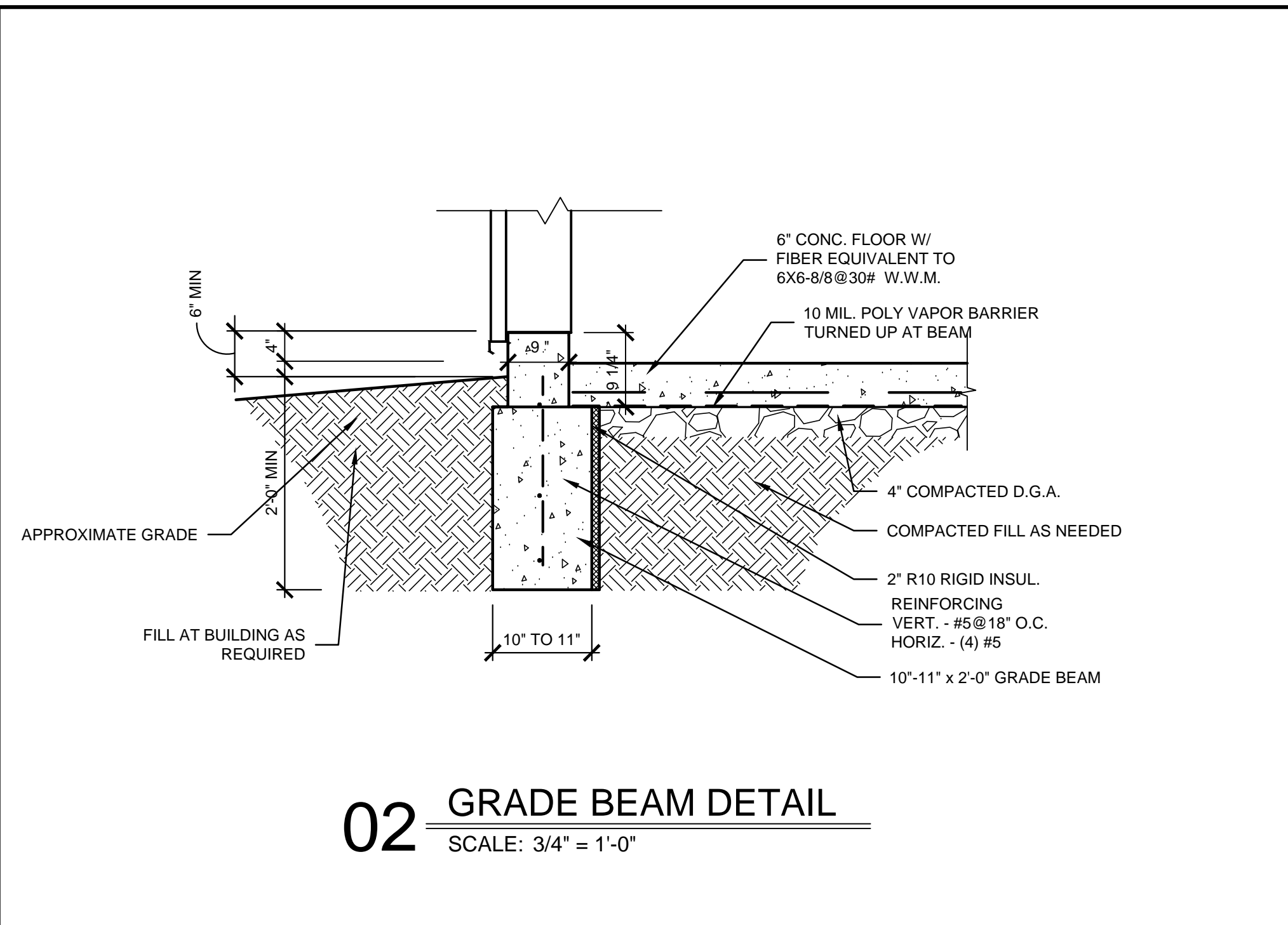
KEYES ARCHITECTS & ASSOCIATES
4717 PRESTON HIGHWAY
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

WAREHOUSE FOR:
BBL STORAGE BLDGS
B,C,D,E
SPRINGFIELD, KY
40069

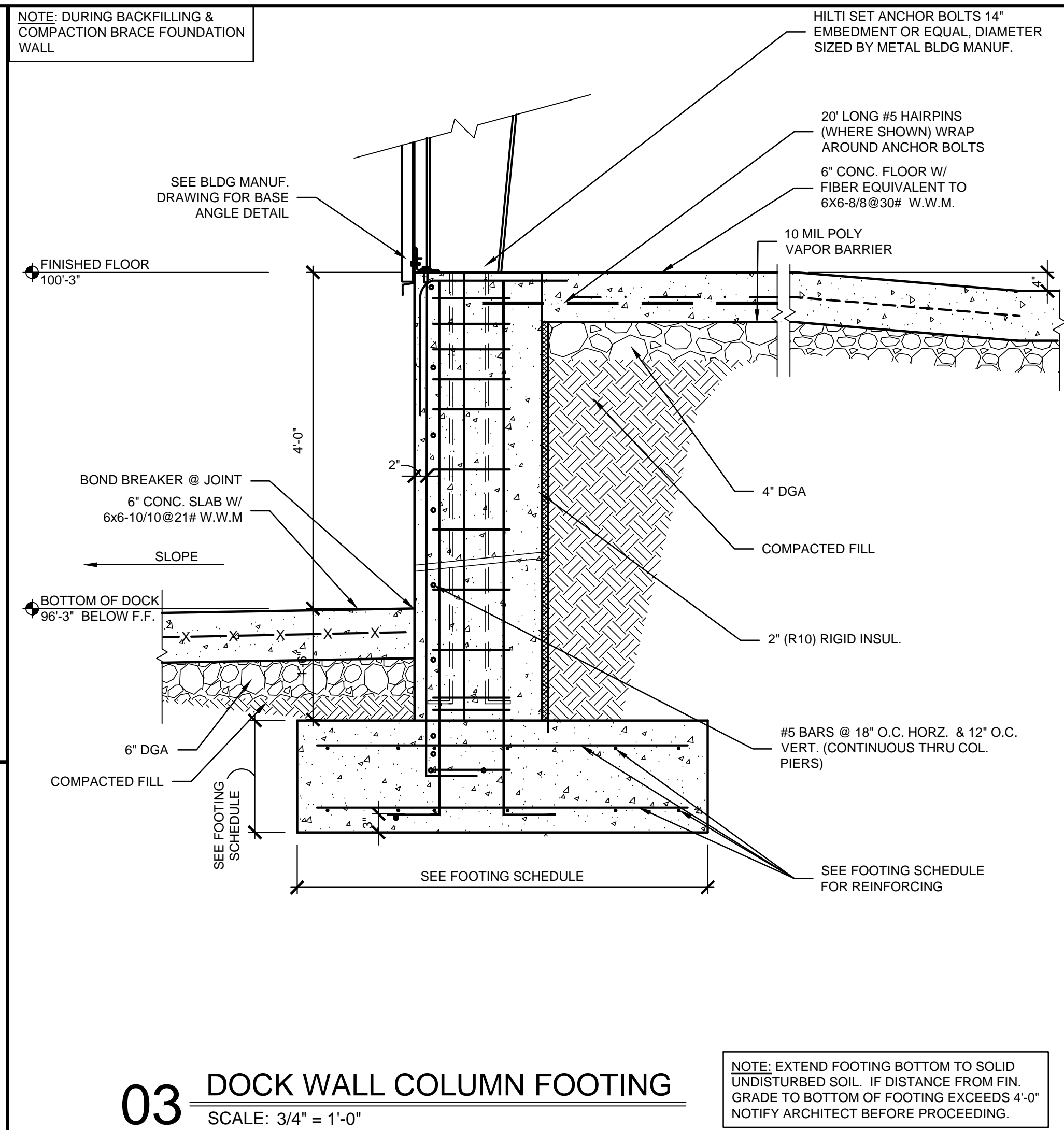
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01 COLUMN FOOTING DETAIL
SCALE: 3/4" = 1'-0"

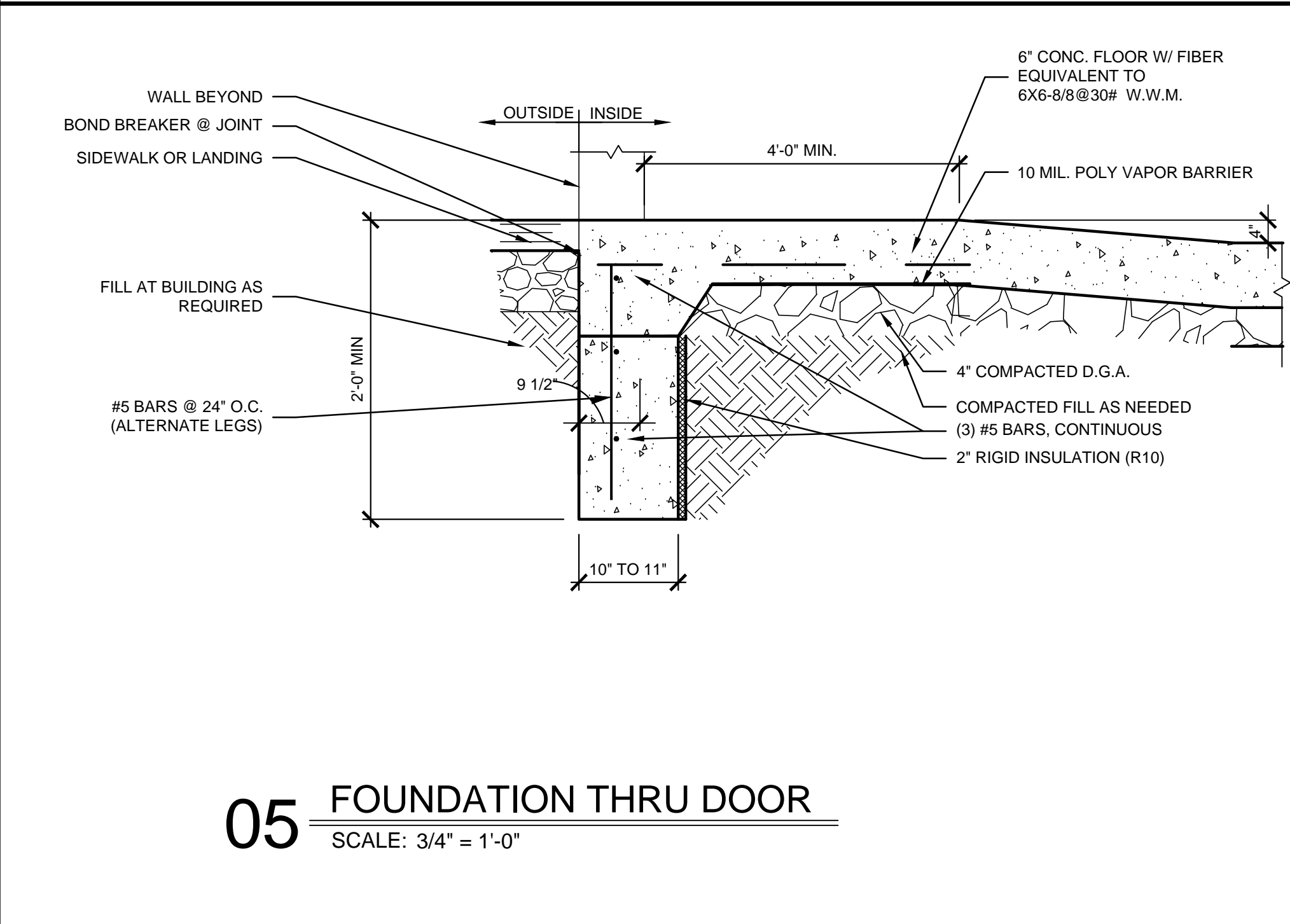


02 GRADE BEAM DETAIL
SCALE: 3/4" = 1'-0"

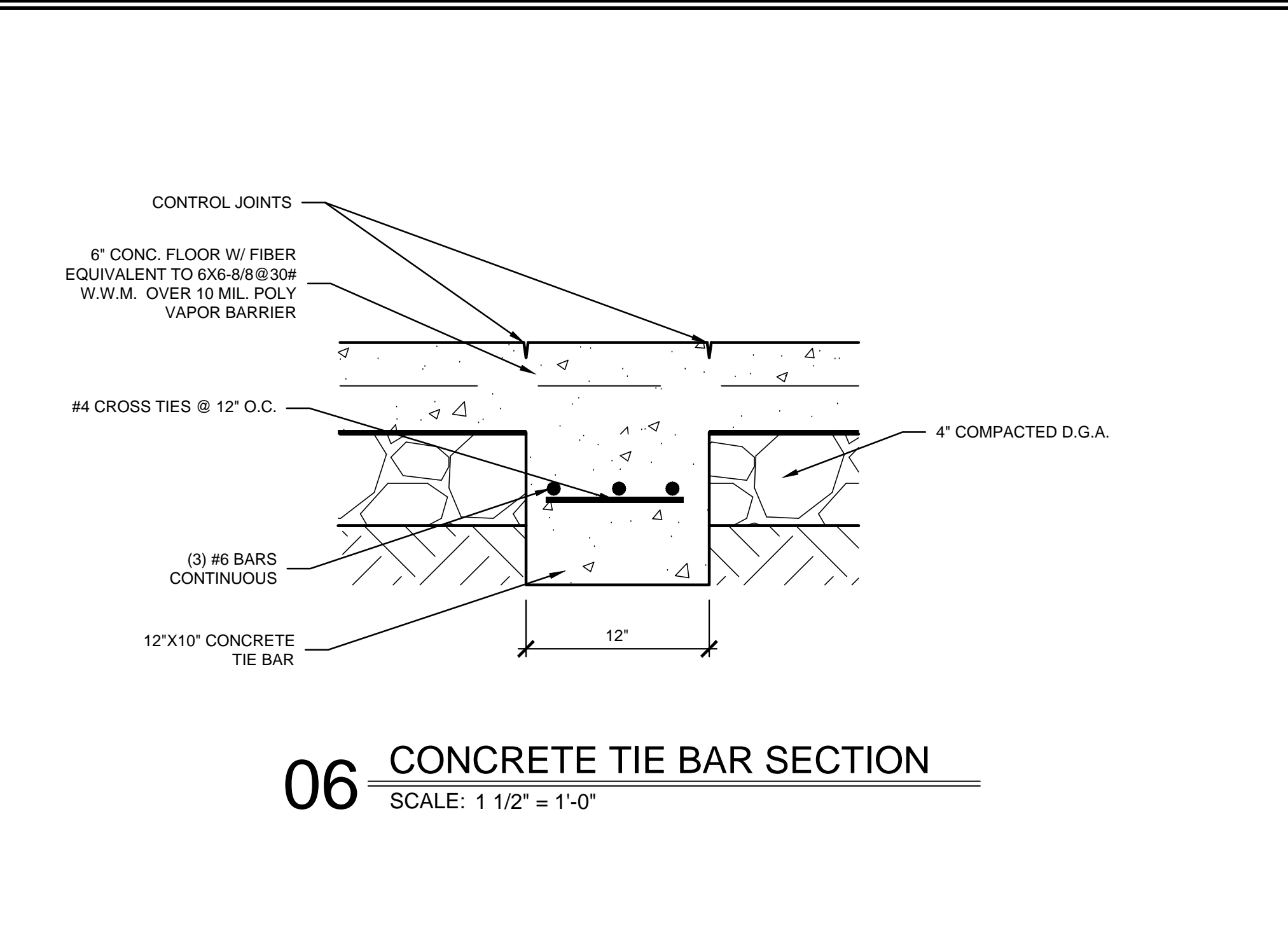


03 DOCK WALL COLUMN FOOTING
SCALE: 3/4" = 1'-0"

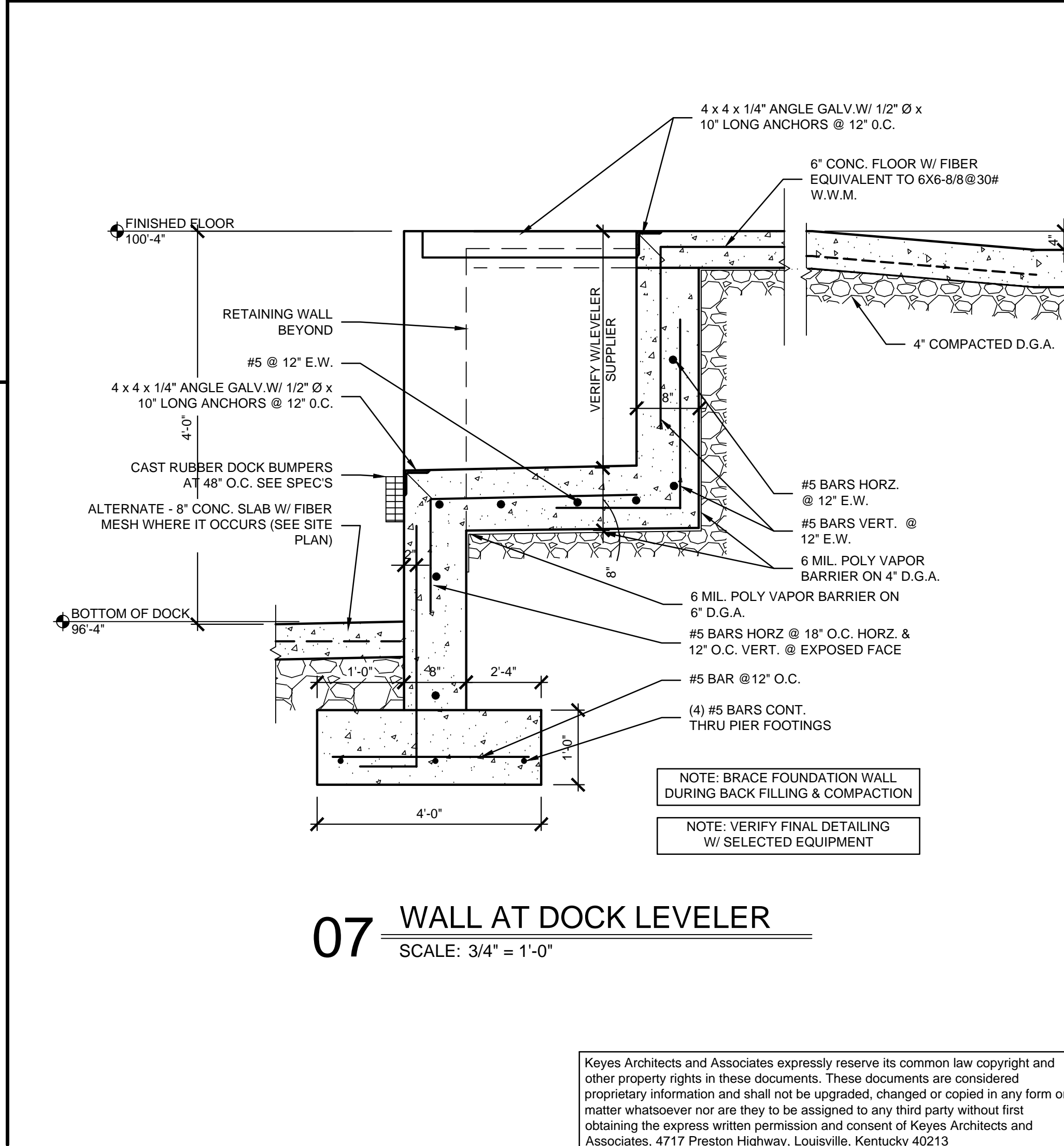
NOTE: EXTEND FOOTING BOTTOM TO SOLID UNDISTURBED SOIL. IF DISTANCE FROM FIN. GRADE TO BOTTOM OF FOOTING EXCEEDS 4'-0" NOTIFY ARCHITECT BEFORE PROCEEDING.



05 FOUNDATION THRU DOOR
SCALE: 3/4" = 1'-0"



06 CONCRETE TIE BAR SECTION
SCALE: 1 1/2" = 1'-0"



07 WALL AT DOCK LEVELER
SCALE: 3/4" = 1'-0"

NOTE: BRACE FOUNDATION WALL DURING BACK FILLING & COMPACTION
NOTE: VERIFY FINAL DETAILING W/ SELECTED EQUIPMENT

PROJECT NO: 23-4495
DRAWN BY: XXX/
DATE: ---



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WAREHOUSE FOR:
BBL STORAGE BLDGS
B,C,D,E
2082 LEBANON RD.
SPRINGFIELD, KY 40069

PROJECT: BBL STORAGE BLDG 2 - FILE: F2.01 Foundation Details.dwg - DATE: Jan 19, 2024 4:44PM - BY: JOY WILSON

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LIFE SAFETY PATHWAYS

		TOTAL TRAVEL DISTANCE			
LOCATION	COMMON PATH	DOOR NUMBER			
		EXIT 101	EXIT 103	EXIT 105	EXIT 106
1	-	45'-5"	-	-	125'-5"
2	-	-	51'-1"	51'-4"	-
3	A	8'-1"	-	128'-7"	47'-0"

PATHWAY KEY PLAN:

- : TRAVEL PATH W/ DIRECTION OF FLOW
- # : TRAVEL PATH STARTING LOCATION, WHERE "#" = LOCATION COLUMN IN THIS TABLE.
- ◇ : COMMON PATH LOCATION, WHERE "#" = LOCATION COLUMN IN THIS TABLE.
- # : EXIT DOOR LOCATION, WHERE "#" = DOOR IN THIS TABLE AND IN DOOR FINISH SCHEDULE.

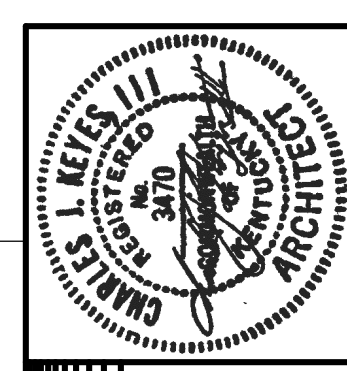
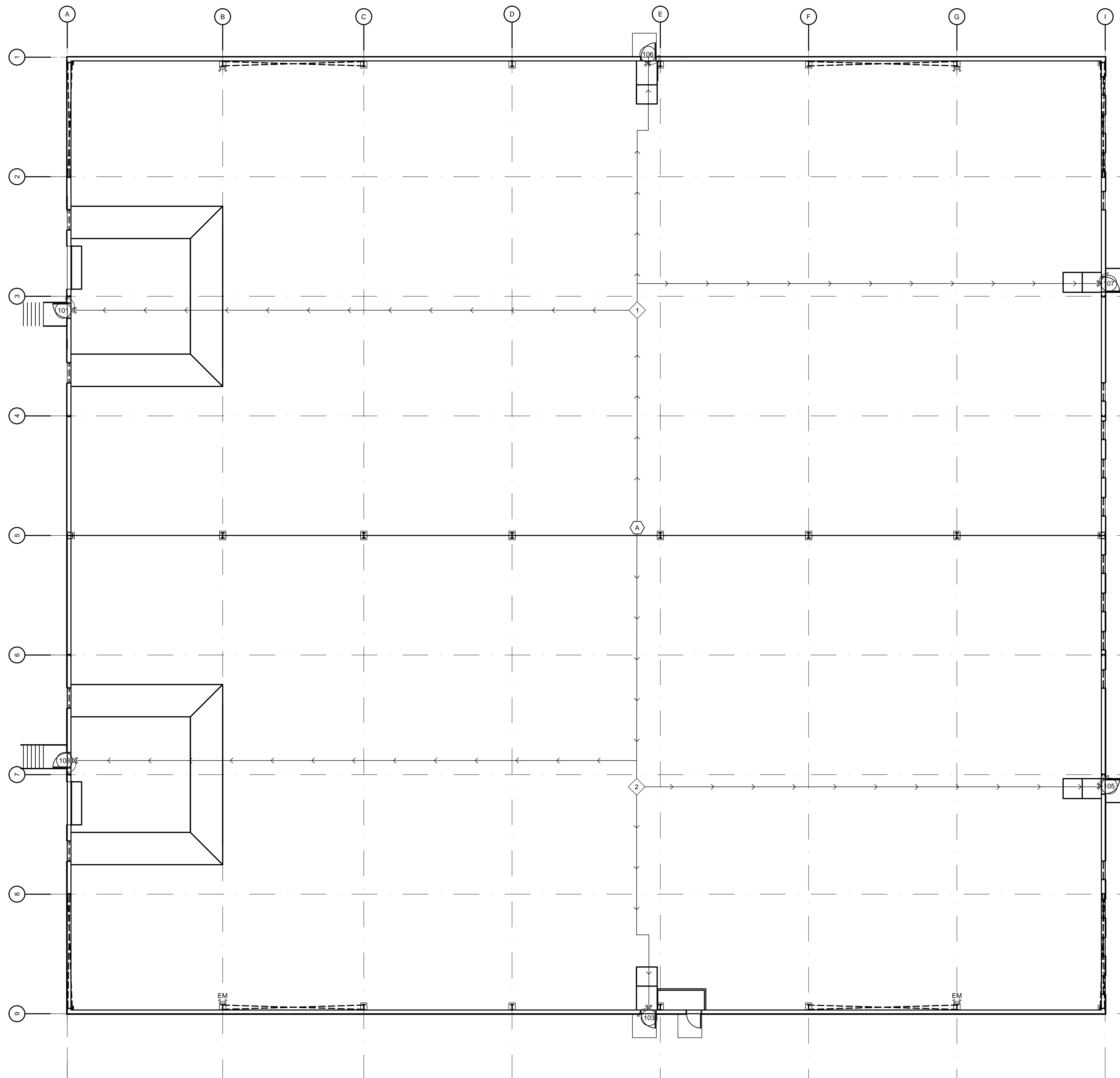
EMERGENCY LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	MODEL#	BULBS
ER	EMERGENCY REMOTE HEAD	SEE ELECTRICAL, EXPLOSION PROOF FIXTURES REQUIRED	INCLUDED
EM	EMERGENCY LIGHT W/ BATTERY PACK REMOTE HEAD WHERE SHOWN	SEE ELECTRICAL, EXPLOSION PROOF FIXTURES REQUIRED	INCLUDED
EXM	COMBINATION EXIT/EMERGENCY FIXTURE W/ BATTERY PACK	SEE ELECTRICAL, EXPLOSION PROOF FIXTURES REQUIRED	INCLUDED

NOTE: EXIT EMERGENCY LIGHTING IS ON AN "NL" CIRCUIT

CODE ANALYSIS

CATEGORY	CODE REFERENCE	REQUIREMENT/DESIGNATION	PROVIDED
CONSTRUCTION TYPE	TABLE 506.2		2-B
OCCUPANCY GROUPS	TABLE 304.1		H-3
OCCUPANCY LOAD	TABLE 1004.1.2	500 SF GROSS PER OCCUPANT 48 TOTAL OCCUPANTS	
ALLOWABLE AREA	TABLE 506.2	TABULAR 14,000 SF WITH PERIMETER INCREASE 24,500 SF	24,000S.F.
EXIT CALCULATIONS	SECTION 1006.3.2	COMMON PATH OF EGRESS TRAVEL GROUP	25 FT
	SECTION 1017 TABLE 1017.2	EXIT ACCESS TRAVEL DISTANCE	150 FT

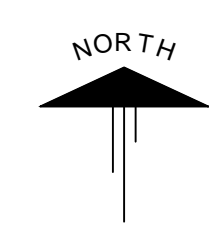


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LOUISVILLE, KENTUCKY 40213 (502) 636-5113

WAREHOUSE FOR:
**BBL STORAGE BLDGS
B,C,D,E**
2082 LEBANON RD.
SPRINGFIELD, KY 40069

01 LIFE SAFETY PLAN

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



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PROJECT: BBL STORAGE BLDG 2 - FILE: LS1.01 Life Safety Plan.dwg - DATE: Jan 19, 2024 4:58PM - BY: JOY WILSON

WALL LEGEND

	9 1/2" METAL BUILDING GIRTS WITH METAL SIDING
	3 5/8" METAL STUDS WITH ONE LAYER OF 5/8" TYPE X GYP BOARD ON EACH SIDE

*ALL MATERIALS ARE SIZES LISTED IN THIS LEGEND UNLESS OTHERWISE DIMENSIONED ON THIS PLAN OR SPECIFIED IN THE DETAILS AT A DIFFERENT SIZE

ROOM FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR	BASE	WALLS	CEILING MTL	CEILING HGT
101	WAREHOUSE	CONCRETE	CONCRETE CURB	OPEN TO STRUCTURE	OPEN TO STRUCTURE	VARIES
102	SPRINKLER RISER ROOM	CONCRETE	-	OPEN TO STRUCTURE	5/8" TYPE X GYP BD	10'

FINISH SCHEDULE KEY

CONCRETE	SEALED CONCRETE FLOOR - SEE SPECIFICATIONS
----------	--

MECHANICAL OPENINGS SCHEDULE

LETTER	SIZE	SILL HEIGHT	GLAZING	FRAME	DETAILS	REMARKS
A	48"x48"	6'-8"	-	PER MANUF.	PER MANUF.	1
B	52 3/4" x 52 3/4"	6'-8"	-	PER MANUF.	PER MANUF.	1

WINDOW TYPE SYMBOL

WINDOW SCHEDULE REMARKS

- MECHANICAL LOUVERS- SEE MECHANICAL DRAWINGS FOR SPECIFICATIONS

DOOR SCHEDULE

NUMBER	SIZE	FIRE	MATERIAL	FRAME	HARDWARE	DETAILS
101	3'-0"x7'-0"	-	H.M.	METAL	1	01.02/A6.01
102	9'-0"x10'-0"	-	STEEL	STEEL	1	03.04/A6.01
103	3'-0"x7'-0"	-	H.M.	METAL	2	01.02/A6.01
104	3'-0"x7'-0"	-	H.M.	METAL	1	01.02/A6.01
105	3'-0"x7'-0"	-	H.M.	METAL	2	01.02/A6.01
106	3'-0"x7'-0"	-	H.M.	METAL	2	01.02/A6.01
107	3'-0"x7'-0"	-	H.M.	METAL	2	01.02/A6.01
108	9'-0"x10'-0"	-	STEEL	STEEL	1	03.04/A6.01
109	3'-0"x7'-0"	-	H.M.	METAL	2	01.02/A6.01

DOOR TYPE SYMBOL

NOTE: ALL DIMENSIONS ARE TO FACE OF STUD

NOTE: GENERAL CONTRACTOR RESPONSIBLE FOR COORDINATION OF ALL SUB TRADES AND REQUIREMENTS BY OWNER

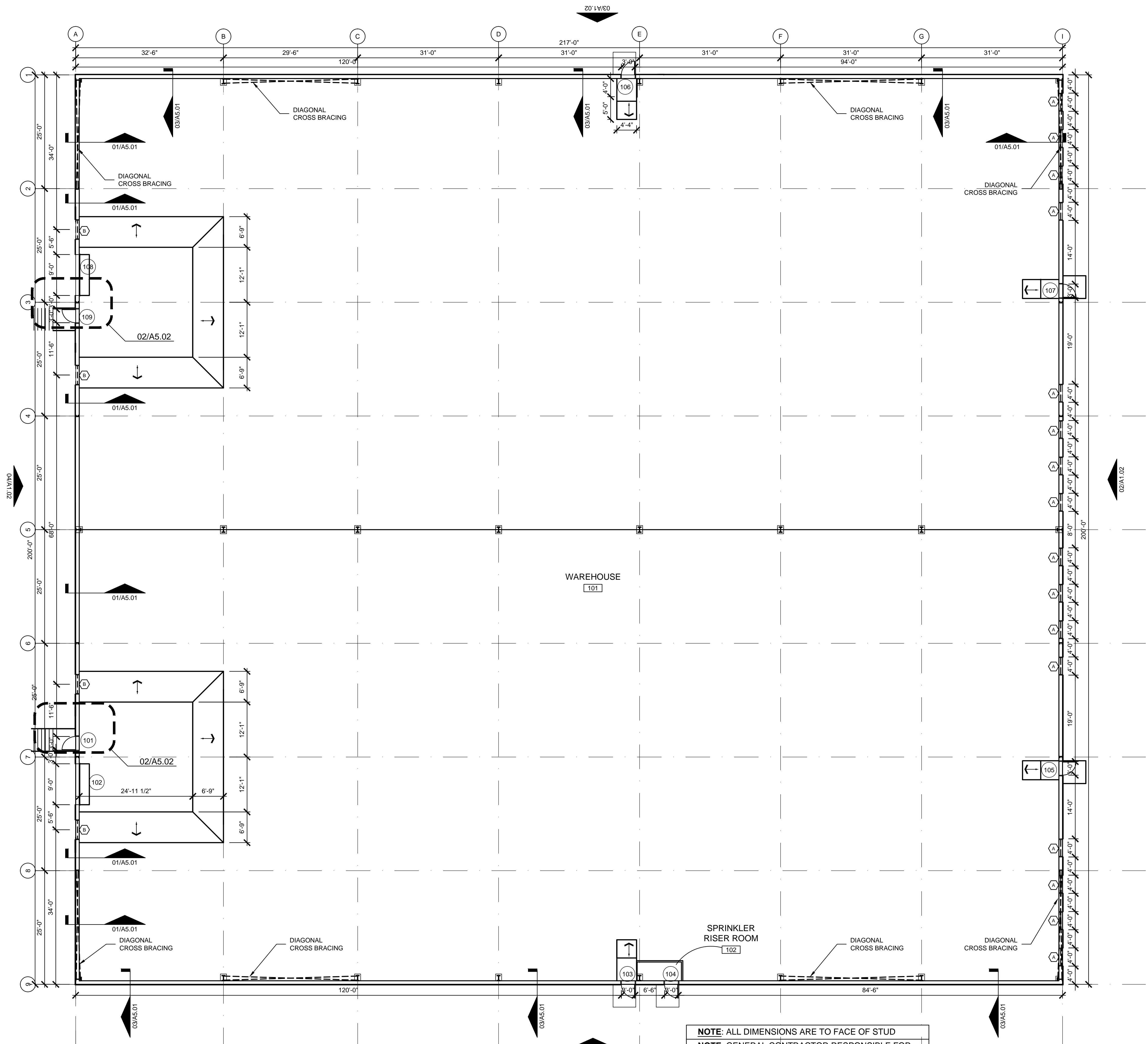
NOTE: ELECTRICAL, HVAC AND PLUMBING TO BE RELOCATED PER FEDERAL, STATE AND LOCAL CODES. GENERAL CONTRACTOR TO COORDINATE.

DOOR HARDWARE SCHEDULE

*NRP = NON-REMOVABLE PIN

- 1-1/2 PR. HINGES (NRP)
1 RIM PANIC WITH OUTSIDE TRIM
1 CLOSER
1 PICKGUARD
- 1-1/2 PR. HINGES (NRP)
1 PANIC DEVICE W/ NO OUTSIDE TRIM
1 CLOSER
1 PICKGUARD
- HARDWARE BY MANUFACTURER

NOTE: ALL DOORS KEYPED ALIKE TO MATCH AN EXISTING KEYWAY



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

NOTE: ALL DIMENSIONS ARE TO FACE OF STUD

NOTE: GENERAL CONTRACTOR RESPONSIBLE FOR COORDINATION OF ALL SUB TRADES AND REQUIREMENTS BY OWNER

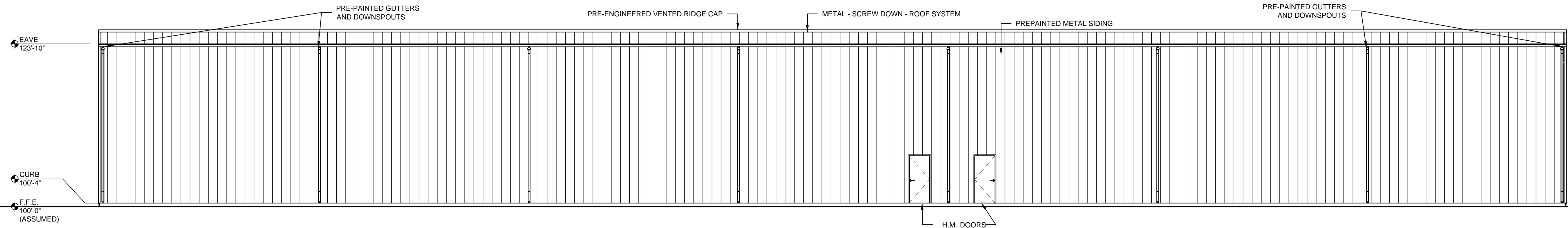
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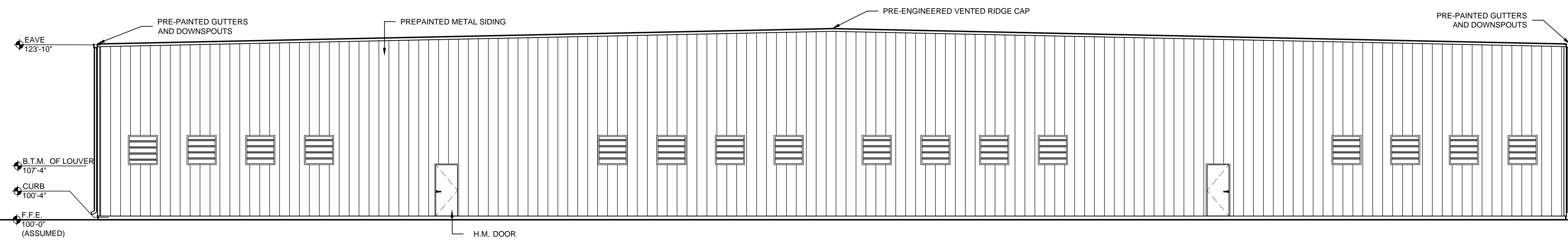


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LOUISVILLE, KENTUCKY 40213 (502) 636-5113

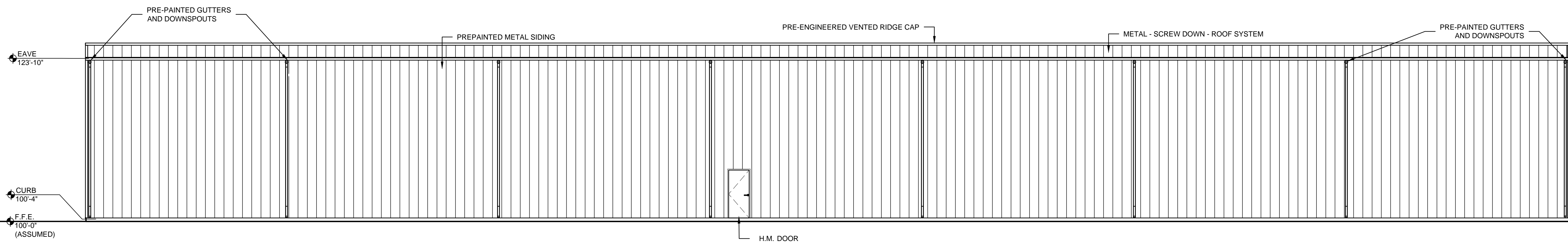
WAREHOUSE FOR:
BBL STORAGE BLDGS B,C,D,E
2082 LEBANON RD.
SPRINGFIELD, KY 40069



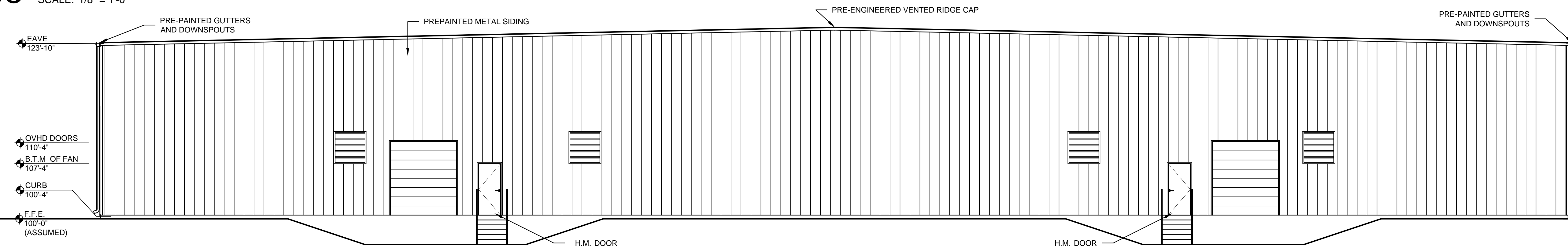
01 ELEVATION
SCALE: 1/8" = 1'-0"



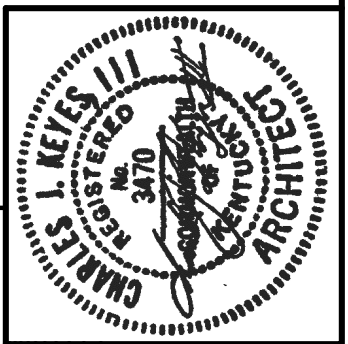
02 ELEVATION
SCALE: 1/8" = 1'-0"



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



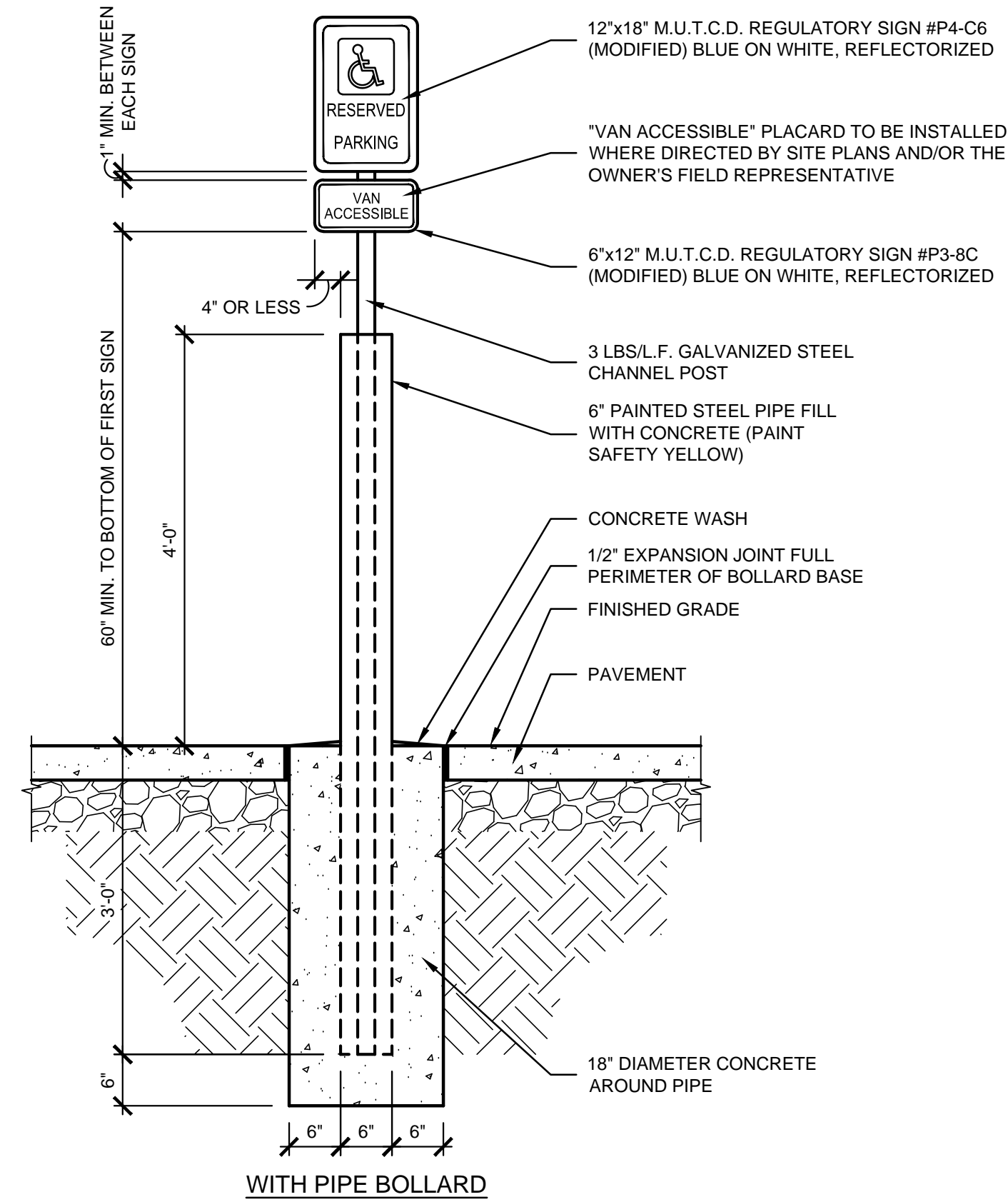
04 ELEVATION
SCALE: 1/8" = 1'-0"



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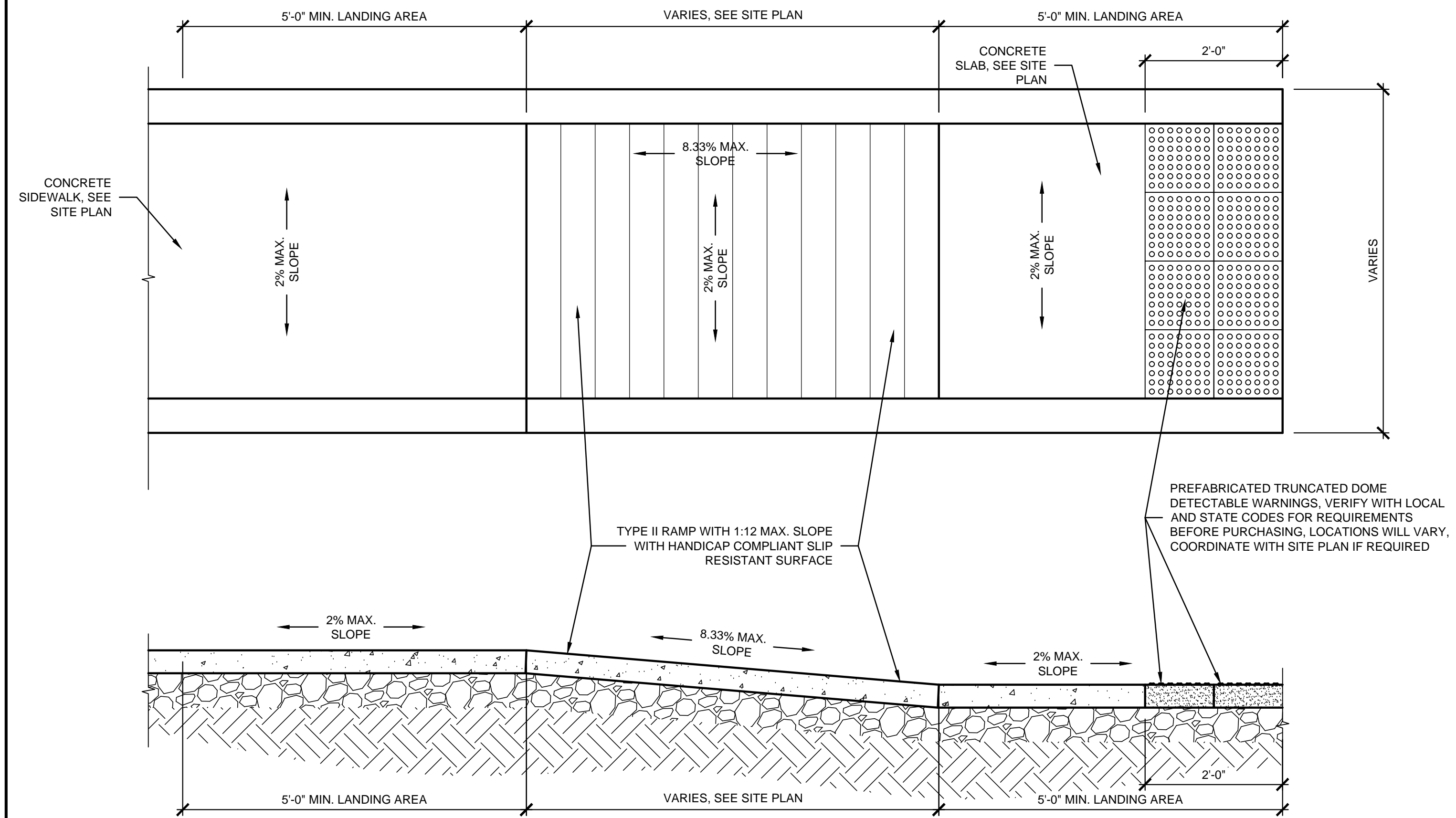
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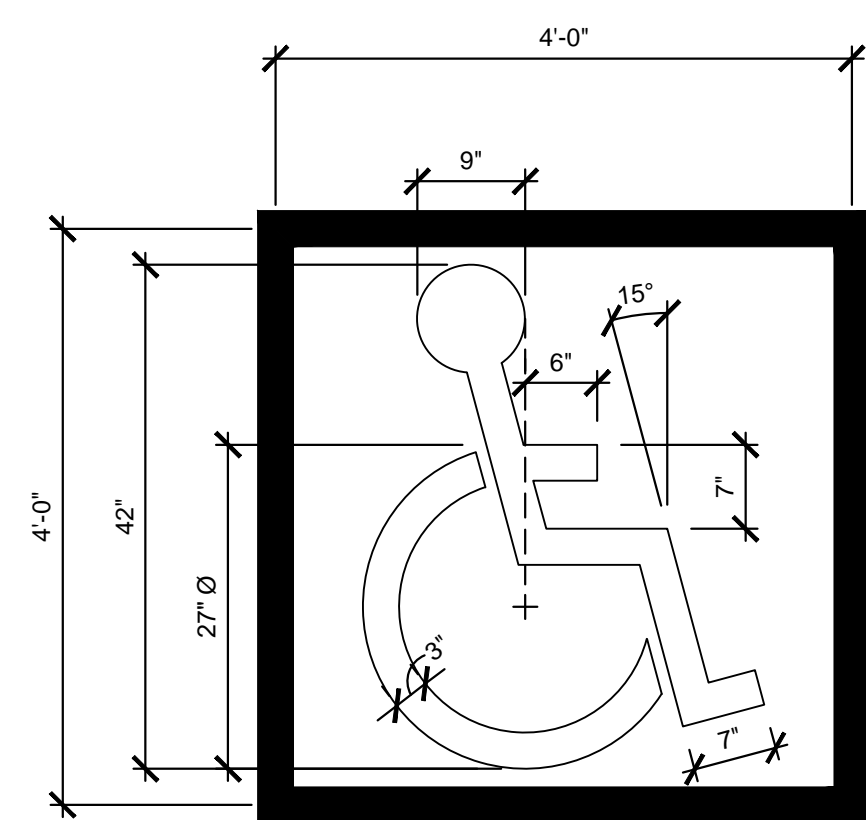


01 ACCESSIBLE PARKING SIGNAGE DETAIL
SCALE: 3/4" = 1'-0"

NOTE:
SIGN TO BE A MIN. OF 2'-0"
FROM FACE OF CURB (SEE
SITE PLAN BY OTHERS)

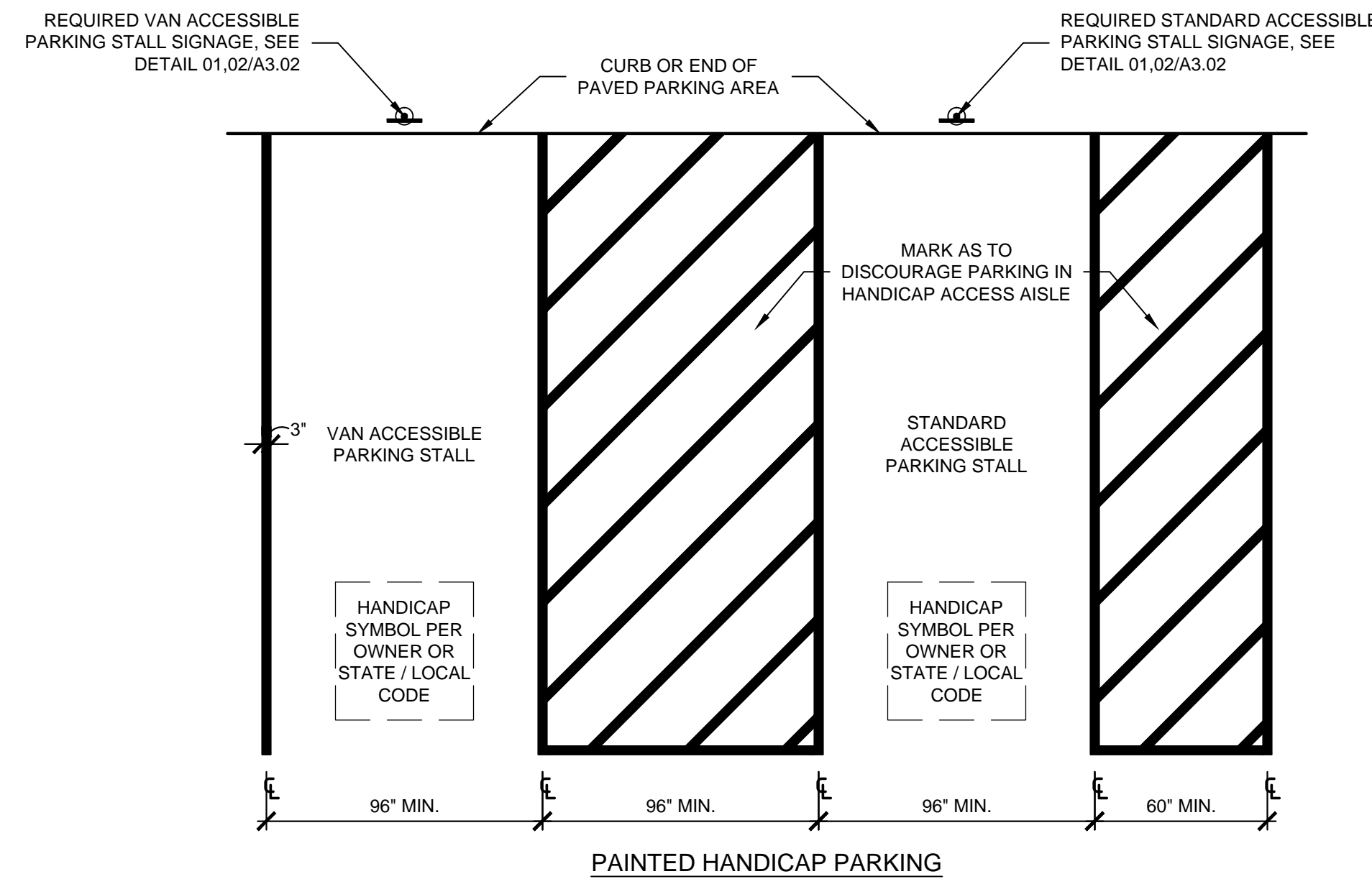


02 TYPE II ACCESSIBLE RAMP
SCALE: 3/4" = 1'-0"



PAINTED HANDICAP SYMBOL PER
OWNER OR LOCAL / STATE CODE

- NOTE:
- USE PAINT WHICH CONTRASTS WITH BACKGROUND
 - THIS SIGN TO BE FURNISHED AND INSTALLED BY G.C.



PAINTED HANDICAP PARKING

TOTAL NUMBER OF PARKING SPACES PROVIDED IN PARKING FACILITY	MINIMUM NUMBER OF REQUIRED ACCESSIBLE PARKING SPACES
1 TO 25	1
26 TO 50	2
51 TO 75	3
76 TO 100	4
101 TO 150	5
151 TO 200	6
201 TO 300	7
301 TO 400	8
401 TO 500	9
501 TO 1000	2 PERCENT OF TOTAL
1001 AND OVER	20, PLUS 1 FOR EACH 100, OR FRACTION THEREOF, OVER 1000

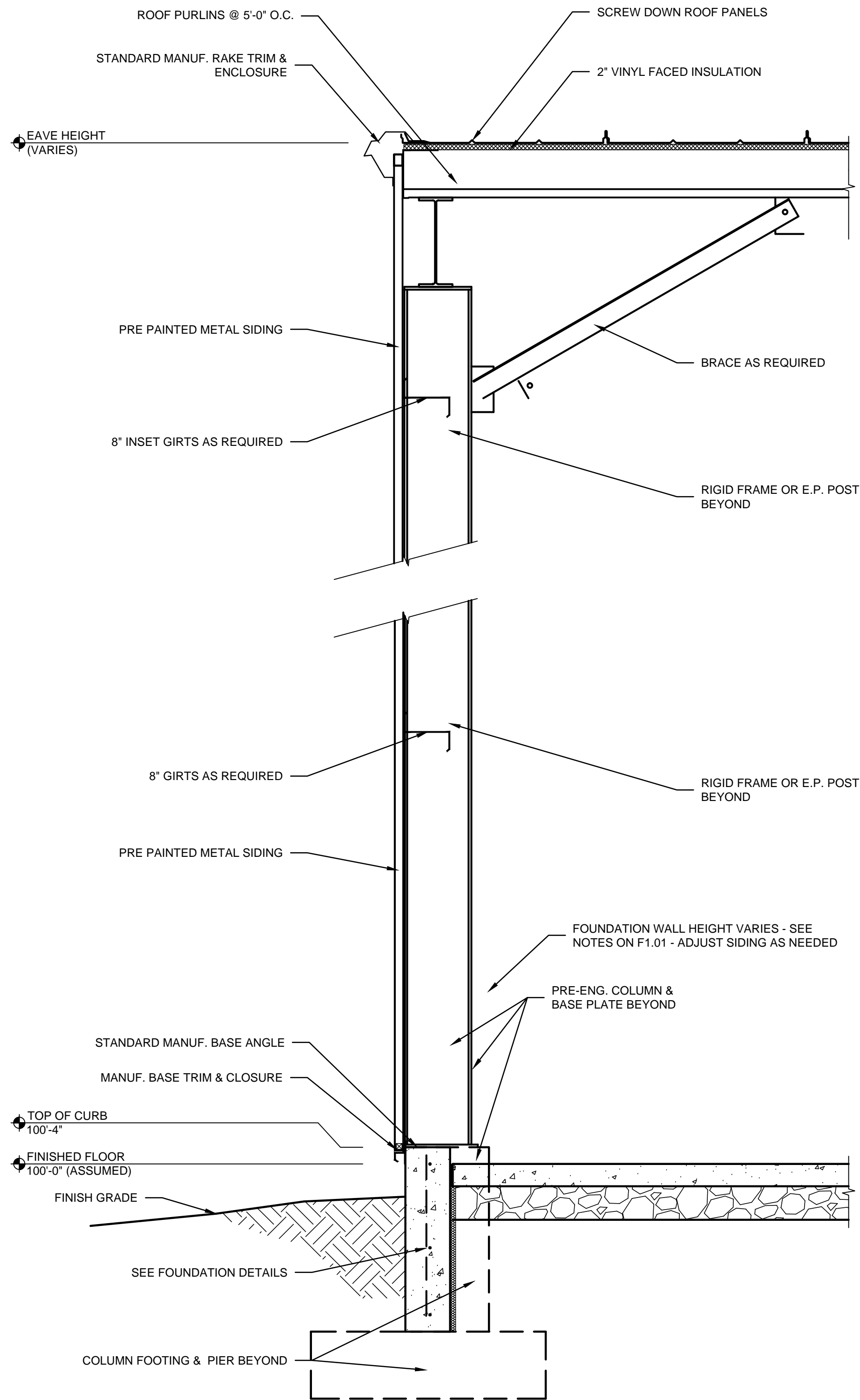
03 PAINTED ACCESSIBLE SYMBOL / PAINTED ACCESSIBLE PARKING
SCALE: NTS



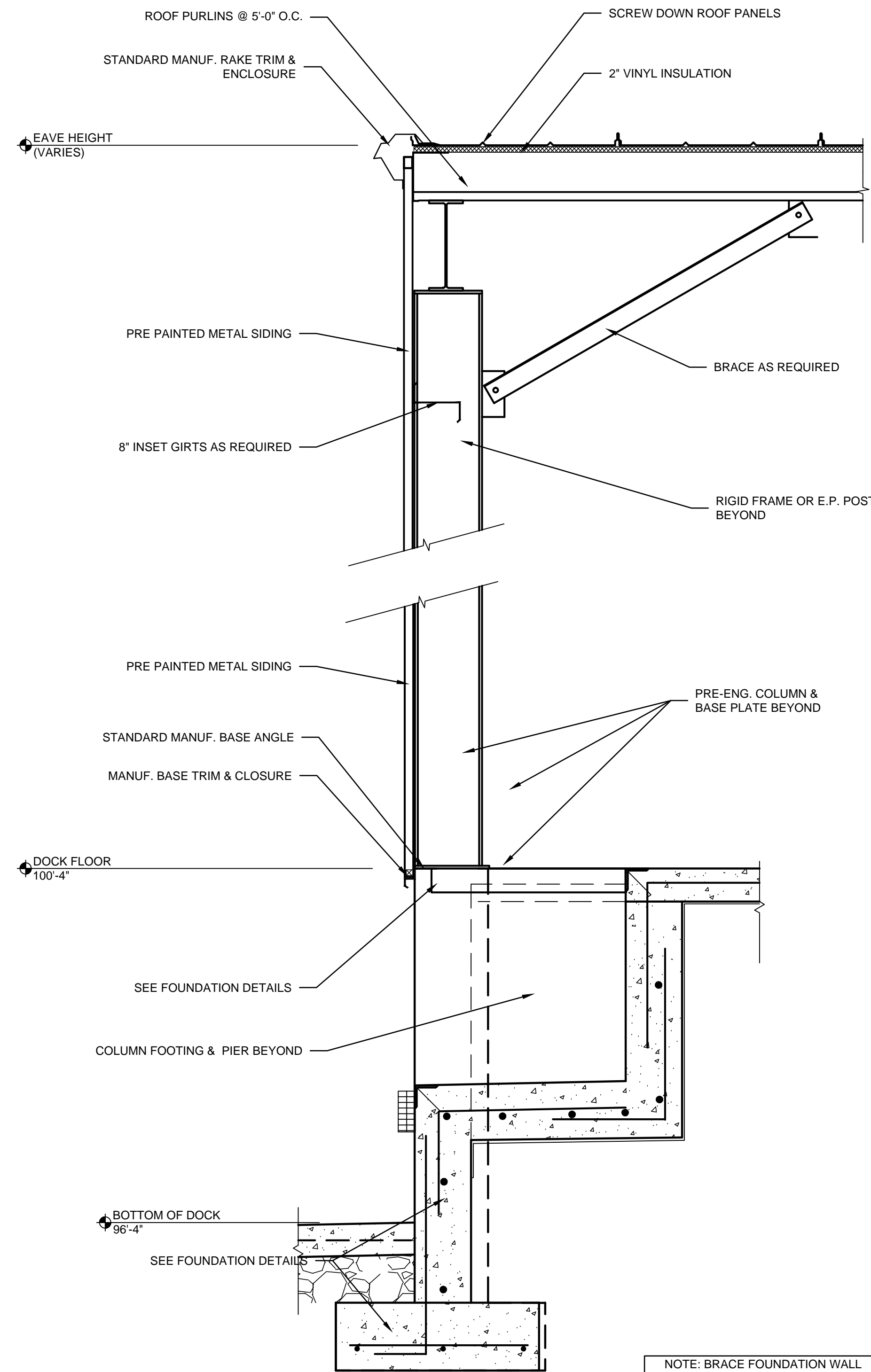
SHEET IS FOR REFERENCE ONLY
ANY CIVIL DRAWINGS
SUPERCEDE THIS DRAWING

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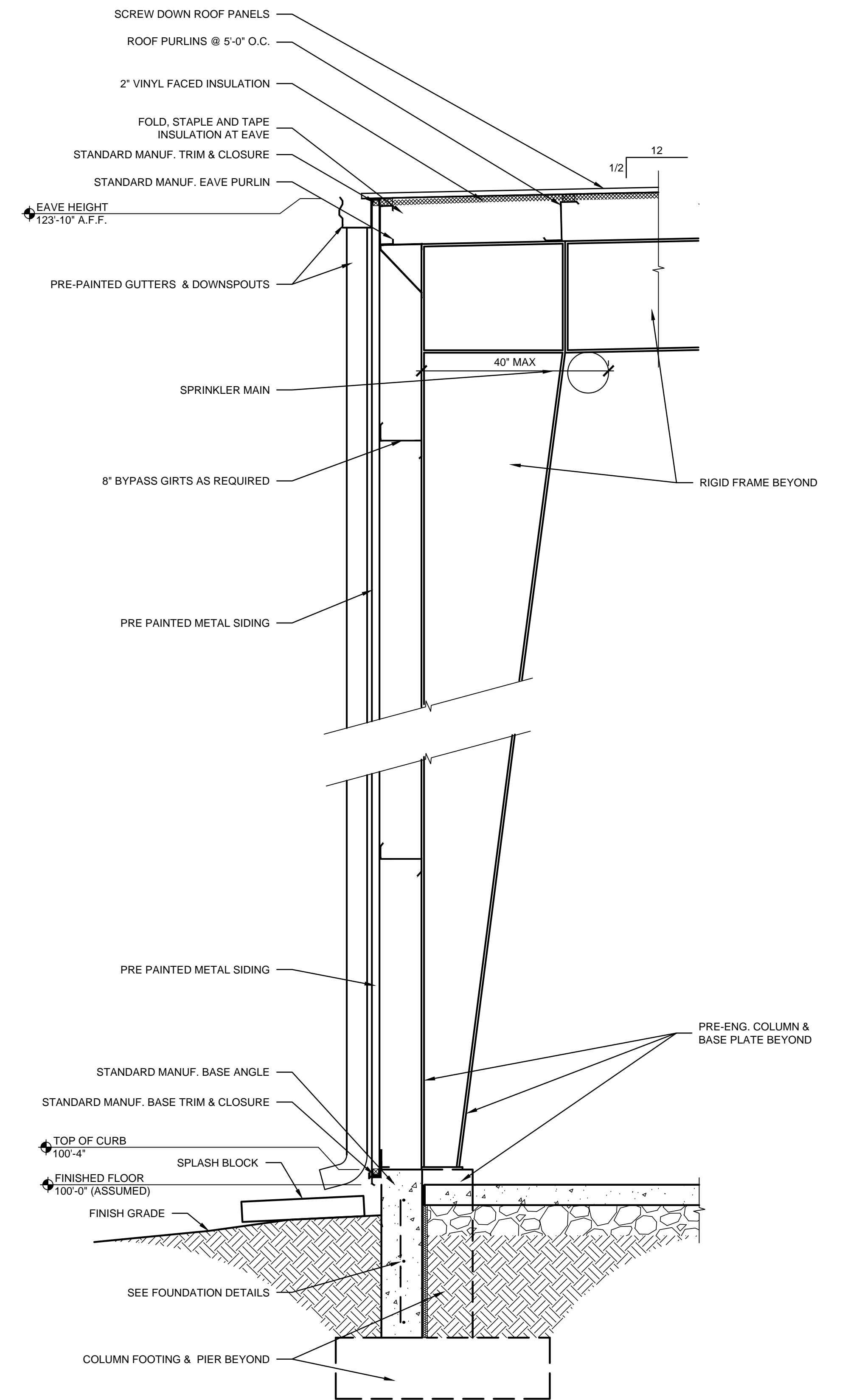
WAREHOUSE FOR:
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B,C,D,E
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01 ENDWALL SECTION
SCALE: 3/4" = 1'-0"

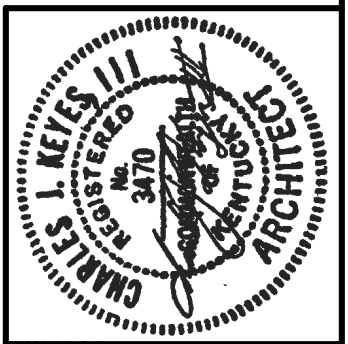


02 ENDWALL SECTION @ DOCK
SCALE: 3/4" = 1'-0"



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

PROJECT: BBL STORAGE BLDG 2 - FILE: A5.01 Wall Sections and Details.dwg - DATE: Jan 19, 2024 4:57PM - BY: JOY WILSON



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WAREHOUSE FOR:
BBL STORAGE BLDGS
B,C,D,E
2082 LEBANON RD.
SPRINGFIELD, KY 40069

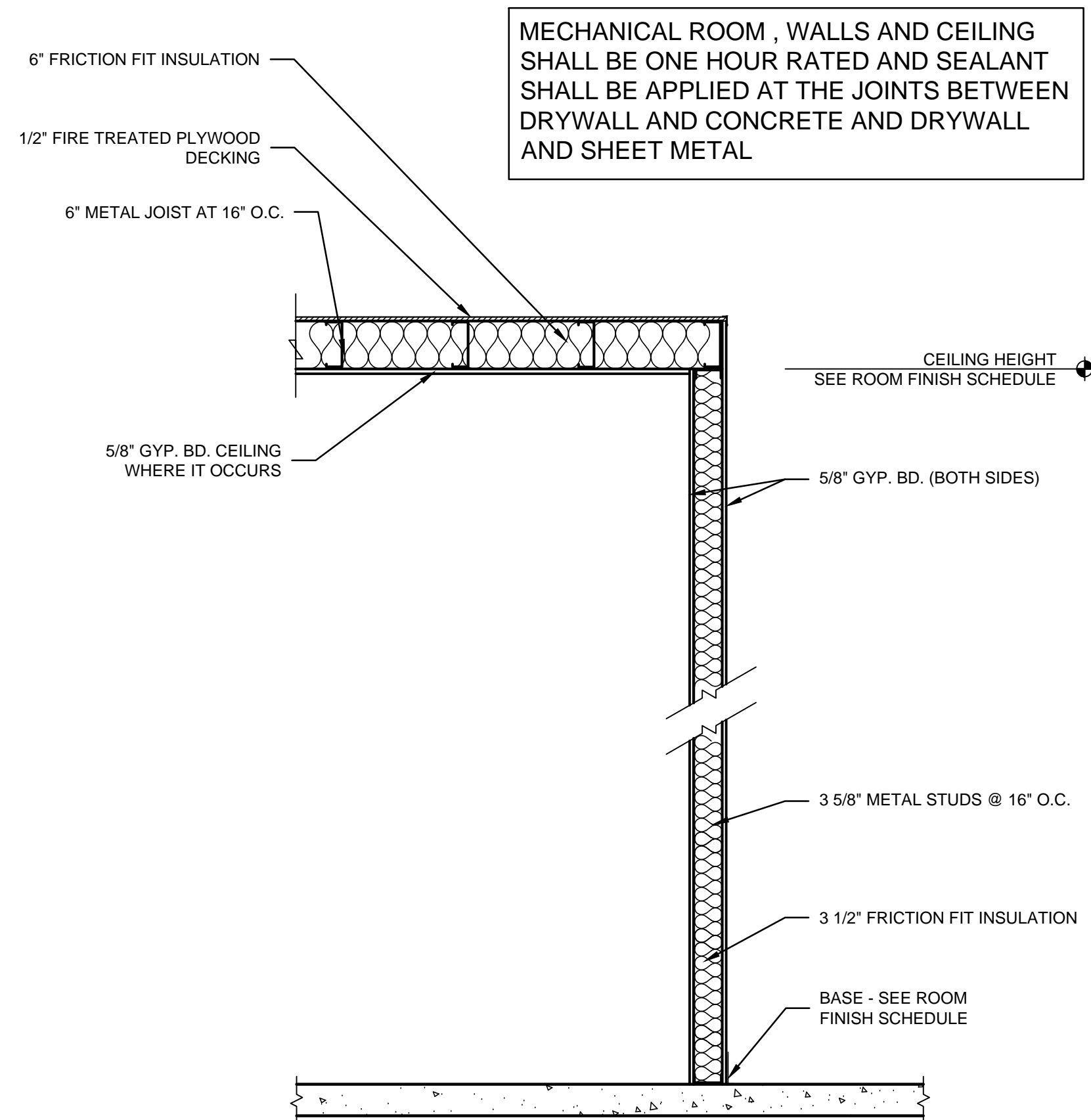
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WALL SECTIONS AND DETAILS

A5.01

PROJECT: BBL STORAGE BLDG 2 - FILE: A5.02 Wall Sections and Details.dwg - DATE: Jan 19, 2024 4:57PM - BY: JOY WILSON

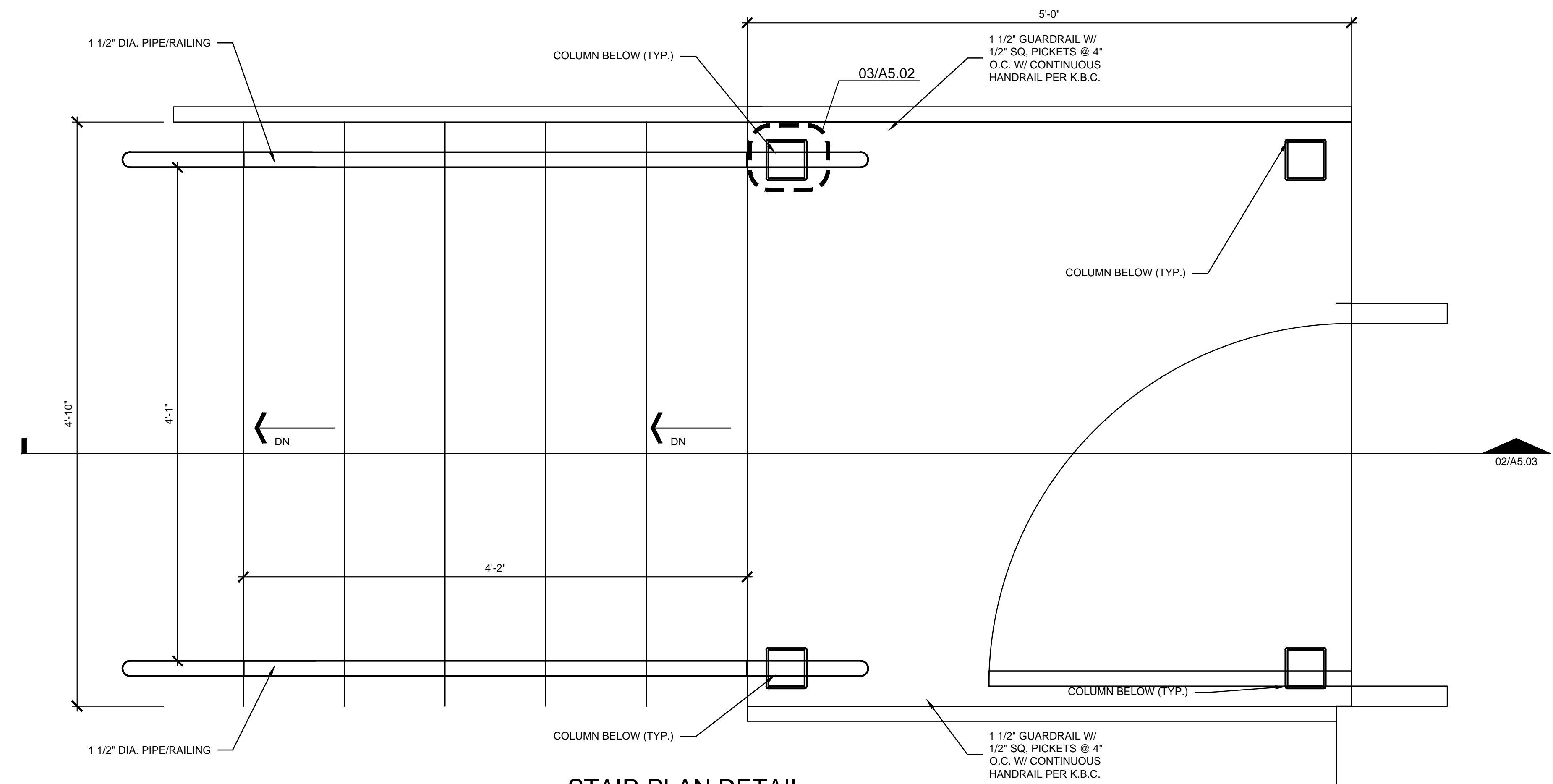
PROJECT NO:
23-4495
DRAWN BY:
XXX/
DATE:



01 MECH. ROOM WALL SECTION
SCALE: 3/4" = 1'-0"

MECHANICAL ROOM, WALLS AND CEILING SHALL BE ONE HOUR RATED AND SEALANT SHALL BE APPLIED AT THE JOINTS BETWEEN DRYWALL AND CONCRETE AND DRYWALL AND SHEET METAL

NOTE: THIS STAIR DETAIL IS FOR EGRESS ON OCCASIONAL BASIS AND DESIGNED WITH OPEN RISER BACK TO AVOID ACCUMULATION OF LEAVES AND ICE



02 STAIR PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

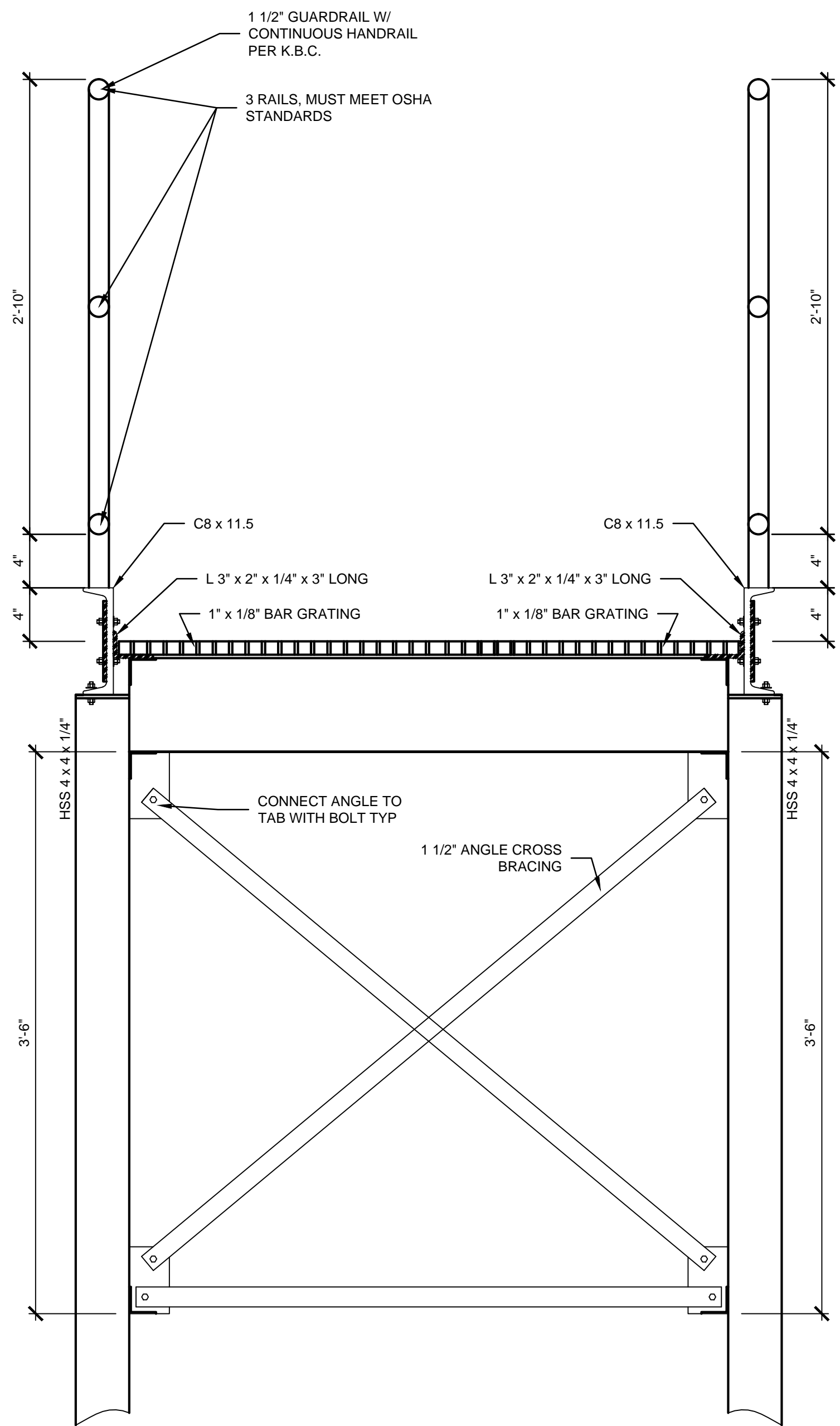


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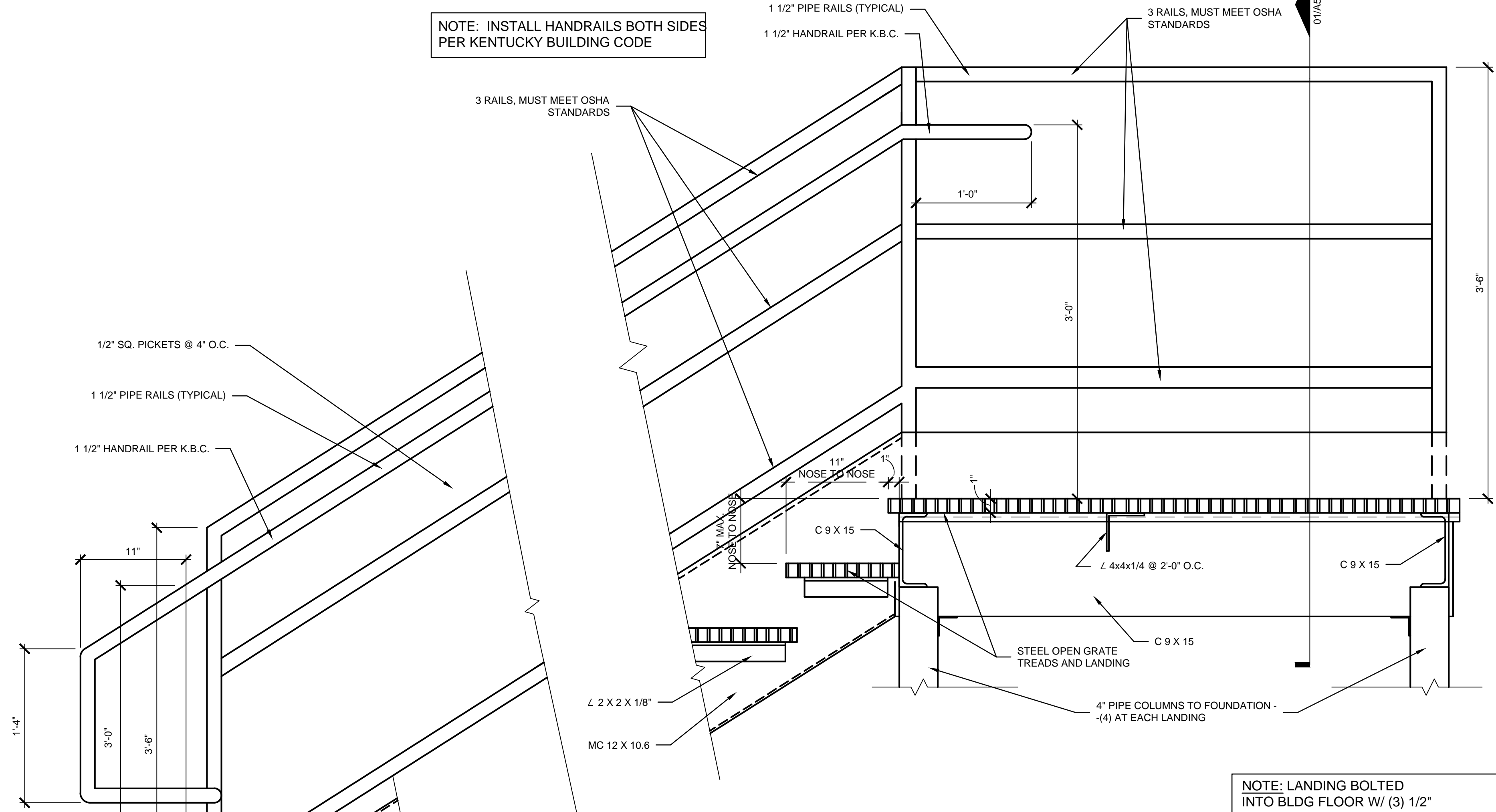
WAREHOUSE FOR:
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B, C, D, E
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SPRINGFIELD, KY 40069

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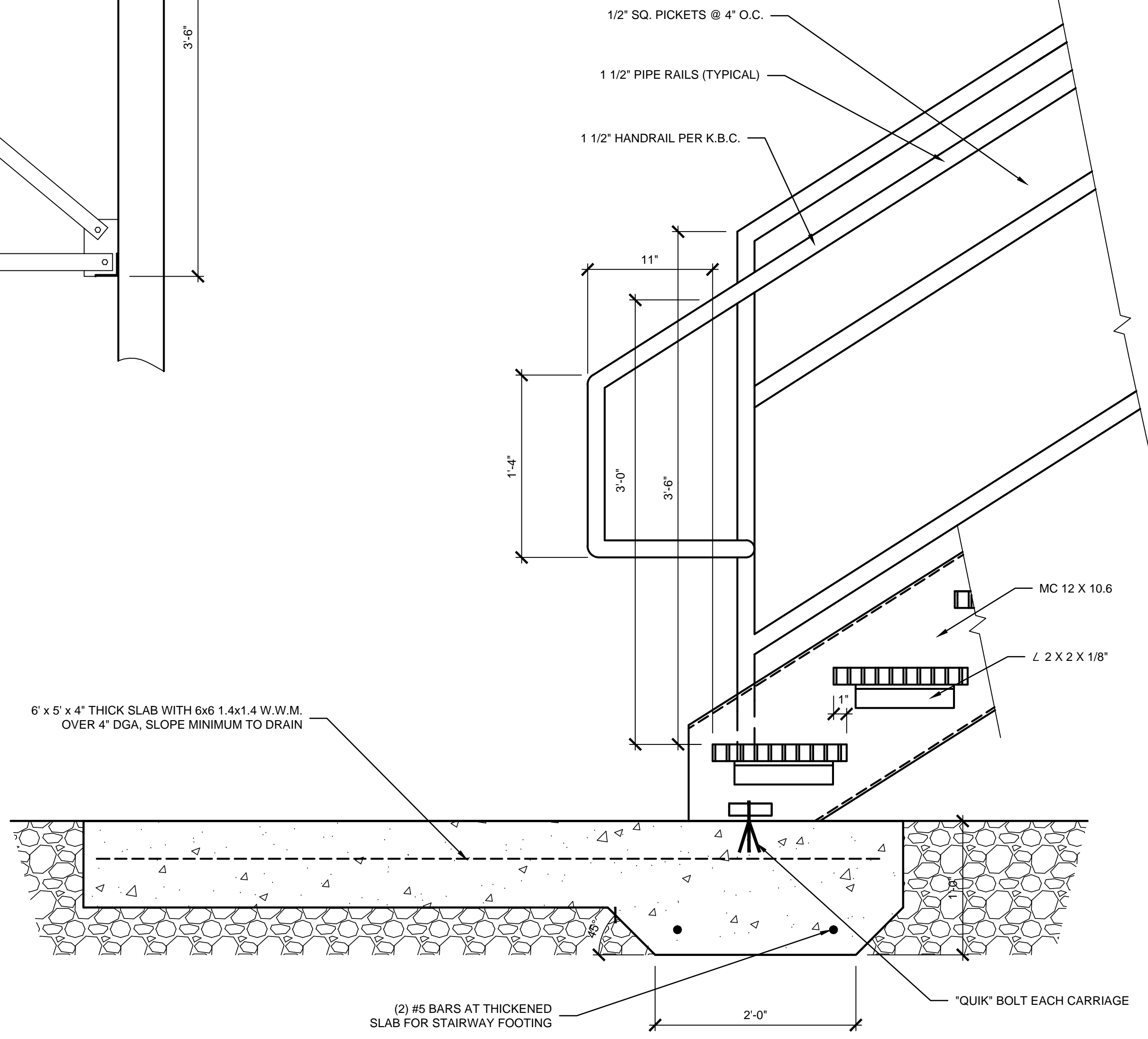
WALL SECTIONS AND DETAILS
A5.02



01 STAIR SIDE ELEVATION
SCALE: 1 1/2" = 1'-0"



02 STAIR SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



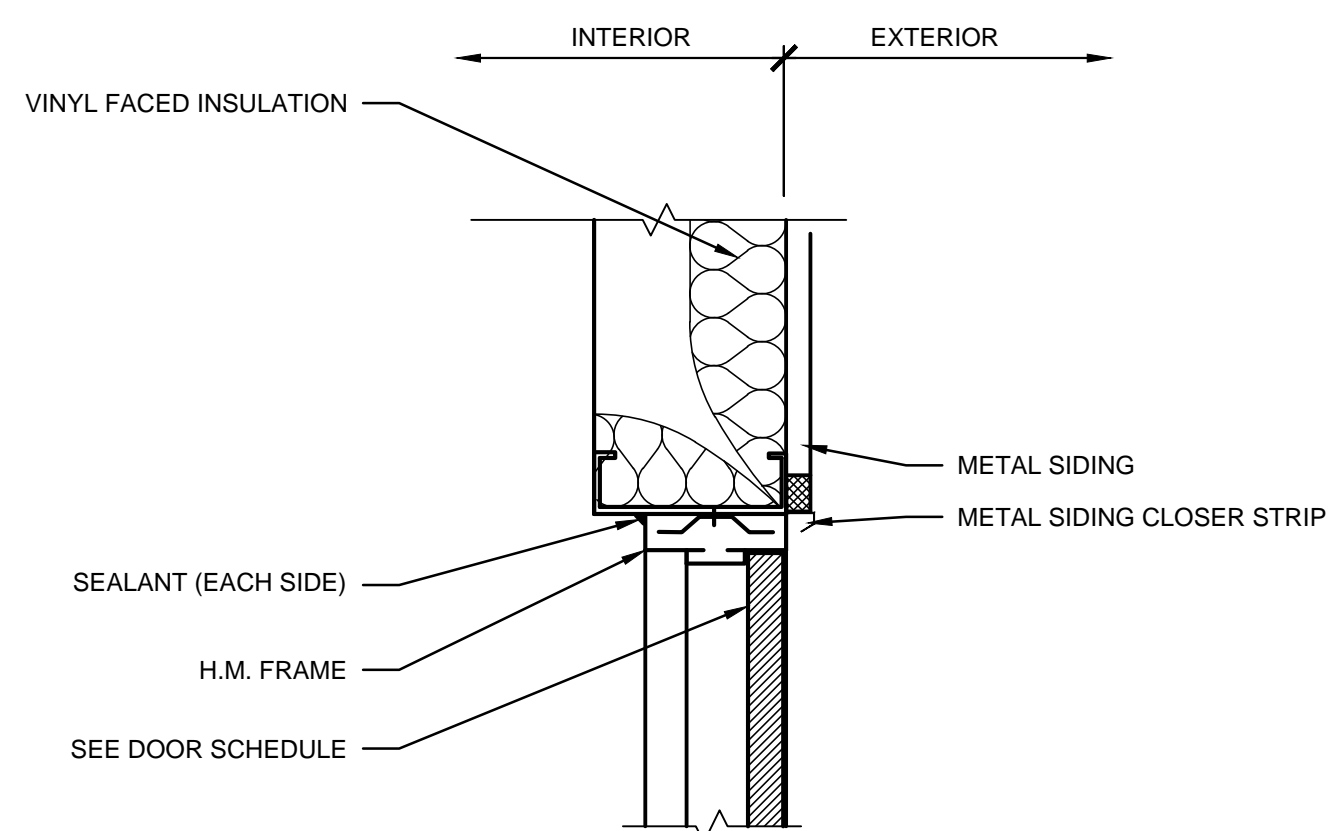
NOTE: INSTALL HANDRAILS BOTH SIDES PER KENTUCKY BUILDING CODE

NOTE: LANDING BOLTED INTO BLDG FLOOR W/ (3) 1/2" EXPANSION BOLTS

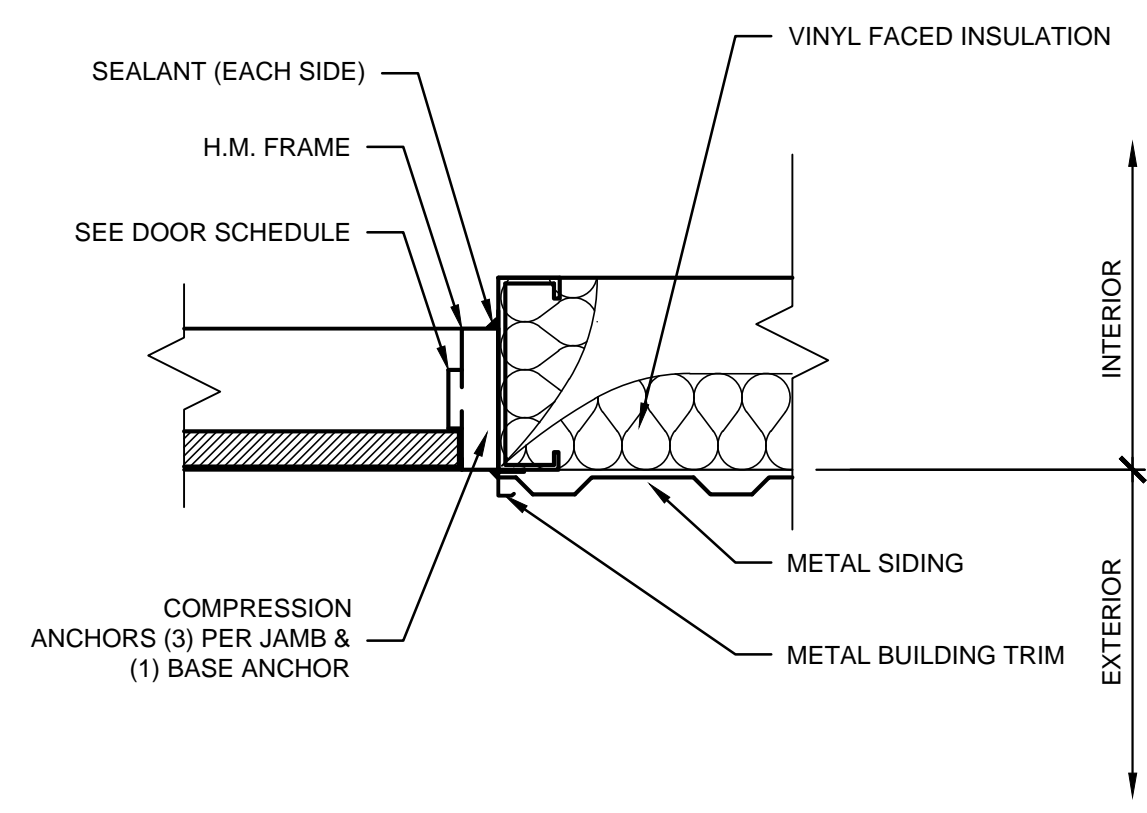


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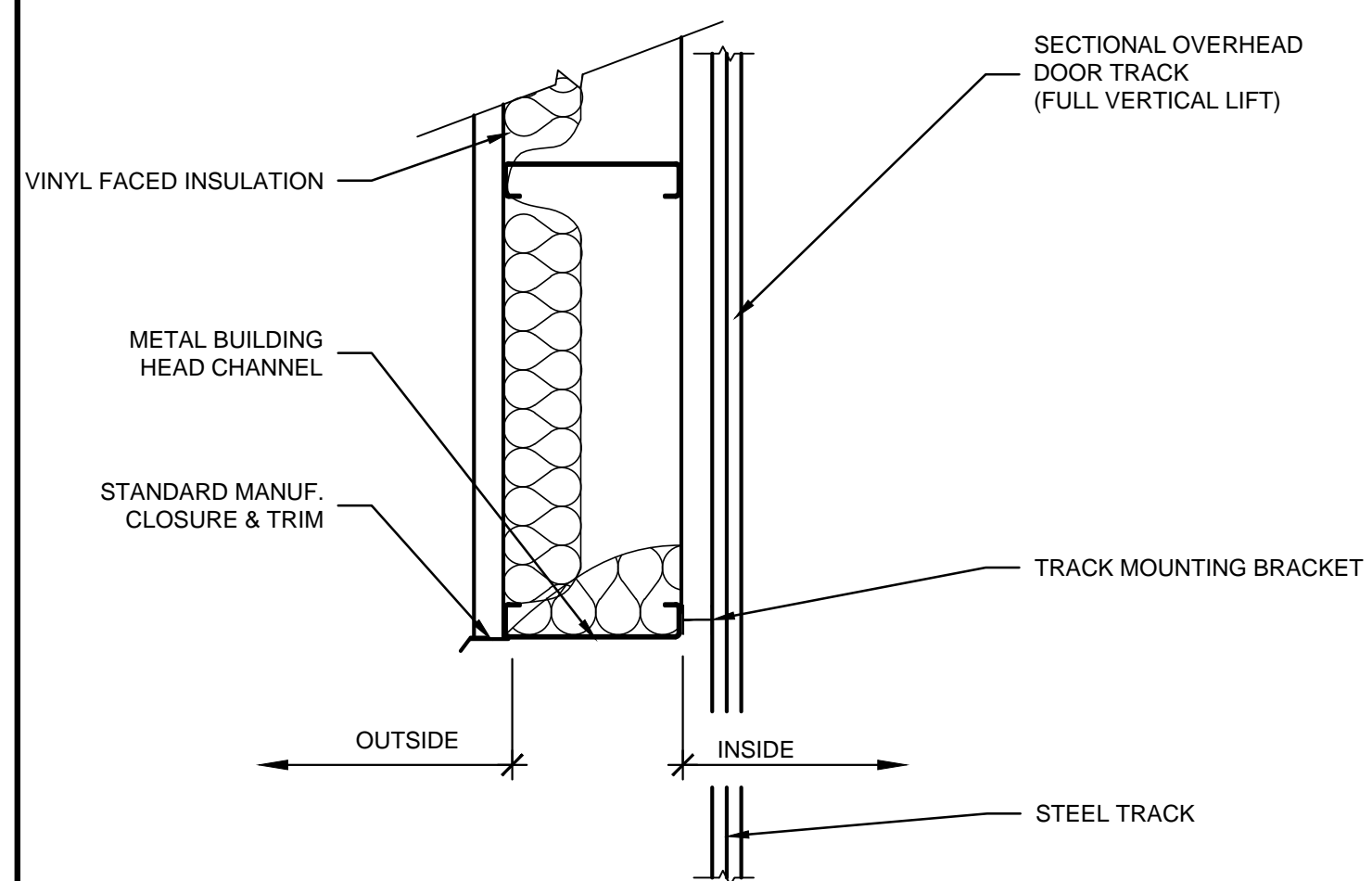
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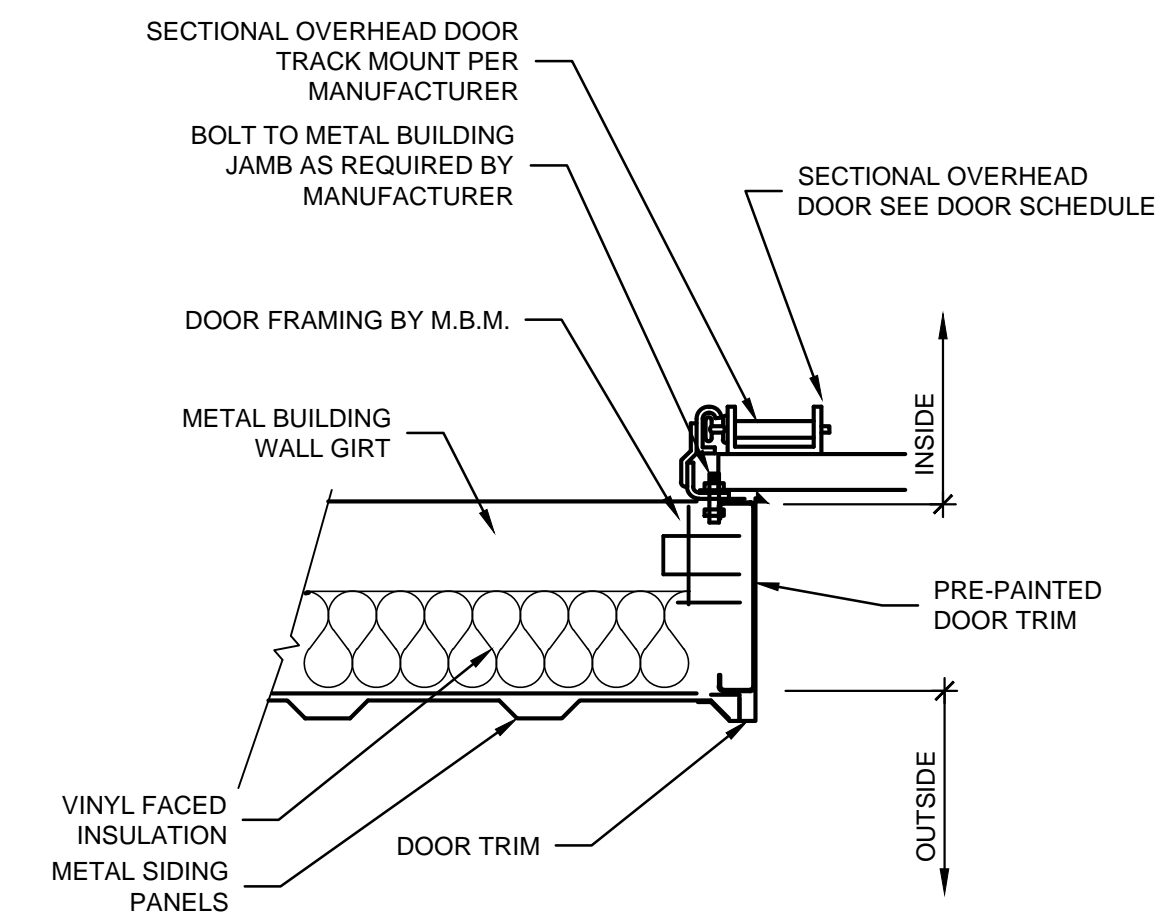
01 HOLLOW METAL DOOR HEAD
SCALE: SCALE: 1-1/2" = 1'-0"



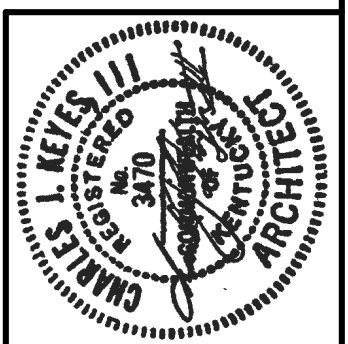
02 HOLLOW METAL DOOR JAMB
SCALE: SCALE: 1-1/2" = 1'-0"



03 OVERHEAD DOOR HEAD
SCALE: SCALE: 1 1/2" = 1'-0"



04 OVERHEAD DOOR JAMB
SCALE: SCALE: 1 1/2" = 1'-0"



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SPECIFICATIONS GO HERE

BBL WAREHOUSE

PROJECT #: 22-4409

GENERAL NOTES AND SPECIFICATIONS

01000 GENERAL

- A. THESE DRAWINGS AND SPECIFICATIONS ARE FOR GENERAL GUIDANCE... B. ALL CONTRACTORS ARE TO GUARANTEE THEIR WORK... C. CONTRACTOR TO VERIFY THE INFORMATION CONTAINED... D. THE CONTRACTOR SHALL CAREFULLY STUDY... E. KEYS ARCHITECTS & ASSOCIATES HAS A SET NUMBER OF DRAWING SETS... G. WHERE DRAWINGS DO NOT SPECIFICALLY SHOW HOW WORK IS TO BE EXECUTED... H. WHERE PLANS AND SPECIFICATIONS CONFLICT... I. CONTRACTORS ARE NOT TO SCALE THE PLANS FOR MISSING OR UNCLEAR INFORMATION... J. CONTRACTOR'S BIDS ARE TO BE COMPLETE AND TO INCLUDE ALL MATERIAL, LABOR, AND FACILITIES... K. ALL SUBCONTRACTOR QUESTIONS CONCERNING BIDDING... L. ALL SUBCONTRACTORS SHALL OBTAIN ANY SPECIFIC PERMITS... M. THE OWNERS MAY HAVE OTHER CONTRACTORS, WORKERS AND SUPPLIERS ENGAGED ON THIS PROJECT... N. PAYMENT OF MONTHLY DRAWS FOR WORK COMPLETED TO DATE IS BASED UPON RECEIPT OF LIEN RELEASES AND SITE INSPECTIONS... O. FINAL PAYMENT OF ALL PORTIONS OF THIS PROJECT IS BASED UPON RECEIPT OF LIEN RELEASES, WARRANTIES, AND MAINTENANCE/OPERATIONS MANUALS FOR ALL ITEMS.

01200 IMPORTANT FACILITY/SITE SAFETY NOTES

- A. IT WILL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND THEIR SUBS TO SECURE THE SITE AND PROTECT THE PUBLIC FROM HARM... B. THE OWNER AGREES THAT ANY SECTION OF THEIR SITE/BUILDING THAT IS SECTIONED OFF IN THIS FASHION WILL BE UNDER THE CONTROL OF THE GENERAL CONTRACTOR AND THEIR SUBS... C. MATERIALS TO BE EXCAVATED ARE ASSUMED TO BE EARTH OR OTHER MATERIALS THAT CAN BE REMOVED BY POWER SHOVEL OR OTHER NORMAL EXCAVATING EQUIPMENT... D. ALL BUILDING AND COLUMN FOOTINGS SHALL BEAR DIRECTLY ON UNDISTURBED SOIL...

02000 SITE-WORK/FOUNDATIONS

- A. PERFORM ALL EXCAVATIONS, BACKFILLING, AND GRADING, AS WELL AS PAVING, REQUIRED TO COMPLETE WORK SHOWN... B. PROTECT AGAINST DAMAGE TO ANY LAWNS, SHRUBS, TREES, ROADS, WALKS, SIGNS, UNDERGROUND TANKS, ETC., AND OTHER WORK THAT IS TO REMAIN IN PLACE... C. MATERIALS TO BE EXCAVATED ARE ASSUMED TO BE EARTH OR OTHER MATERIALS THAT CAN BE REMOVED BY POWER SHOVEL OR OTHER NORMAL EXCAVATING EQUIPMENT... D. ALL BUILDING AND COLUMN FOOTINGS SHALL BEAR DIRECTLY ON UNDISTURBED SOIL...

- E. ASSUMED BEARING CAPACITY AS INDICATED BY OWNER IS 1,500 LBS. S.F., UNLESS OTHERWISE NOTE ON THE PLANS OR BY GEOTECHNICAL REPORTING... F. BUILDING SLAB AREAS, DRIVES, WALKS AND PARKING AREAS THAT REQUIRE UNDERCUTTING OR FILL ARE TO BE BACKFILLED WITH LEAN CLAY OR GRANULAR FILL... G. GENERAL CONTRACTOR TO INCLUDE ADDITIONAL COST BREAKOUT IN THEIR INITIAL BID... H. FURNISH AND INSTALL ALL SITE ITEMS AS SHOWN ON THE DRAWINGS OR LIST HEREIN... I. SEED AND STRAW ALL DISTURBED EARTH AREAS... J. CONTRACTOR TO INCLUDE ALL EROSION CONTROL MEASURES NECESSARY... K. ALL EXISTING EXCAVATED MATERIAL THAT CANNOT BE USED AS FILL WILL BE WASTED ON SITE... L. FOUNDATION EXCAVATION... 02741 ASPHALT PAVING... 03000 CONCRETE... G. ALL CONCRETE FLOORS ARE TO HAVE A VAPOR RETARDER INSTALLED BEFORE THE

- CONCRETE IS PLACED. VAPOR RETARDER IS TO BE AS SPECIFIED IN THE LATEST ASTM E 1745 AND HAVE THE FOLLOWING PROPERTIES... H. MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO THE LATEST REQUIREMENTS OF ACI 318-83... I. ALL EXPOSED 90-DEGREE EDGES OF VERTICAL AND HORIZONTAL CORNERS OF CONCRETE SHALL HAVE TOoled EDGES... J. REINFORCING STEEL SHALL BE A615-83 GRADE 60... K. WELDING OF OR TO REINFORCING BARS WITHOUT PRIOR APPROVAL OF ENGINEER IS PROHIBITED... L. ALL REINFORCING BARS ARE TO BE SUPPORTED IN THE FORM AND SPACED WITH WIRE BARS... M. ALL DETAILING, FABRICATION, AND ERECTION OF REINFORCING BARS... N. CONCRETE WALKS SHALL HAVE MOLDED EXPANSION JOINT MATERIAL... O. CONTROL JOINTS (C.J.) SHALL BE SAW-CUT A MINIMUM OF 1/4 OF SLAB THICKNESS... P. ALL DIMENSIONS AND GRADES SHALL BE VERIFIED IN THE FIELD (V.I.F.) BY THE CONTRACTOR... Q. WHERE SHOWN, ALL JUNCTIONS OF WALLS, PIERS, AND FLOORS TO HAVE 1/2" WIDE EXPANSION JOINTS...

05000 METALS

- A. PROVIDE STRUCTURAL AND MISCELLANEOUS METAL ITEMS AS SHOWN ON DRAWINGS, AND AS REQUIRED TO COMPLETE THE PROJECT... B. FURNISH SHOP DRAWINGS TO SATISFY LOCAL CODE REQUIREMENTS... C. TAKE FIELD MEASUREMENTS PRIOR TO FABRICATION... D. USE MATERIALS OF SIZE AND THICKNESS INDICATED OR, IF NOT INDICATED, AS REQUIRED TO DEVELOP THE MAXIMUM LOADS... E. CLEAN AND SHOP PAINT MISCELLANEOUS METAL WORK... F. FURNISH BENT OR OTHERWISE CUSTOM FABRICATED, PLATES, ANCHORS, HANGERS, DOWELS, AND OTHER MISCELLANEOUS STEEL SHAPES AS REQUIRED... G. PROVIDE LOOSE BEARING AND LEVELING PLATES FOR STEEL ITEMS BEARING ON MASONRY... H. PROVIDE MISCELLANEOUS STEEL ELEMENTS, FRAMING AND SUPPORTS... I. PROVIDE ANCHORAGE DEVICES AND FASTENERS WHERE NECESSARY FOR SECURING MISCELLANEOUS METAL FABRICATIONS... J. PROVIDE A-325 BOLTS AS SHOWN ON THE PLANS OR AS REQUIRED TO DEVELOP THE MAXIMUM CAPACITY... K. PERFORM CUTTING, DRILLING, AND FITTING REQUIRED FOR INSTALLATION OF MISCELLANEOUS METAL FABRICATIONS... L. FIELD WELDING SHALL COMPLY WITH AWS CODE FOR PROCEDURES OF MANUAL SHIELDED METAL-ARC WELDING... M. SET LOOSE LEVELING AND BEARING PLATES ON WEDGES... N. TOUCH-UP PAINTING IMMEDIATELY AFTER ERECTION... O. MISCELLANEOUS ITEMS: 1. STEEL PLATES, SHAPES AND BARS: ASTM A-36 2. COLD FORMED STEEL TUBING USE ASTM A-500 3. HOT-ROLLED STEEL TUBING USE ASTM A-501 4. HOT-ROLLED STRUCTURAL STEEL SHEET USE ASTM A-570... 5. COLD-ROLLED STRUCTURAL STEEL SHEET USE ASTM A-611... 6. NON-SHRINK METALLIC GROUT TO BE PRE-MIXED... 7. ZINC-COATED FASTENERS FOR EXTERIOR USE OR WERE BUILT INTO EXTERIOR WALLS...

07000 MOISTURE PROTECTION

- A. INSULATION: 1. ROLL GLASS FIBER INSULATION TO BE THICKNESS AND TYPE SHOWN ON DRAWINGS FOR SPECIFIC USES... 2. RIGID BELOW GRADE INSULATION AT FOUNDATION AND BASEMENT WALLS TO BE EXTRUDED, EXPANDED POLYSTYRENE 2" THICK... B. CAULKING: 1. USE SHERWIN WILLIAMS 950A SILICONIZED ACRYLIC LATEX CAULK... 2. ALL EQUIPMENT, MECHANICAL, PLUMBING AND ELECTRICAL CONTRACTORS SHALL SUPPLY ALL FLASHINGS AND CURBS FOR ROOF OR WALL PENETRATIONS... 3. WHERE CALLED OUT ON THE DRAWINGS, FIRE CAULK TO MEET ALL ASTM REQUIREMENTS...

08000 DOORS AND WINDOWS

- A. DOORS, FRAMES, TO BE AS SHOWN ON DRAWINGS... B. EGRESS DOORS SHALL BE ABLE TO BE OPENED FROM INSIDE WITHOUT A KEY OR SPECIAL KNOWLEDGE... C. ALL EXTERIOR OUTWARD SWINGING HINGED DOORS ARE TO HAVE NON-REMOVABLE PIN (NRP) HINGES... D. HOLLOW METAL FRAMES SHALL BE STANDARD PROFILE, 16GA. SHOP PRIMED... E. HOLLOW METAL DOORS SHALL BE FLUSH, 18 GA., 1 3/4" THICK... F. FINISH HARDWARE SHALL BE MEDIUM GRADE COMMERCIAL PRODUCTS BY STANLEY, SCHLAGE, VON DUPRIN, YALE OR AN APPROVED EQUAL...

08380 SECTIONAL OVERHEAD DOOR SYSTEM

- A. SECTIONAL OVERHEAD DOORS (UPWARD ACTING) TO BE BY CRAWFORD, OVERHEAD DOOR, OR APPROVED EQUAL... B. TRACKS TO BE 2" GALVANIZED STEEL WITH STANDARD HARDWARE... C. TRACK TO BE DESIGNED TO RAISE THE DOOR AS HIGH AS POSSIBLE... D. VERIFY LIFT CLEARANCE WITH ALL OTHER TRADES BEFORE ORDERING... E. PROVIDE NEOPRENE OR VINYL WEATHER STRIPPING ON ENTIRE PERIMETER... F. ALL DOORS AND ACCESSORIES NOT GALVANIZED SHALL BE FACTORY PRIMED... G. GLAZING TO BE AS SPECIFIED ON CONSTRUCTION DOCUMENTS...

09000 FINISHES

- A. ALL FINISHES SHALL BE AS CALLED FOR AND SPECIFIED ON DRAWINGS... B. INSPECTION OF FINISHED SURFACES FOR BLEMISHES AND DEFECT AT THE END OF THE PROJECT SHALL FOLLOW THE GENERALLY ACCEPTED STANDARD - PDCA (P1-09)... C. GYPSUM BOARD: 1. ALL GYPSUM BOARD TO BE 5/8" THICK AND INSTALLED PER U.S. GYPSUM ASSOCIATION STANDARDS... 2. USE MOLD / MOISTURE-RESISTANT GYPSUM BOARD ("GREEN" BOARD OR EQUAL)... 3. WHERE INDICATED ON PLANS ALL FIRE RATED ASSEMBLIES ARE TO USE 5/8" TYPE 'X' GYPSUM BOARD... 4. FURNISH AND INSTALL METAL OR PLASTIC CORNER BEAD... 5. CONTROL JOINTS: ALL WALLS ARE TO FOLLOW THE LATEST ASTM C840-08 AND GA-216 AS IT PERTAINS TO CONTROL JOINT PLACEMENT...

PROJECT: BBL STORAGE BLDG 2 - FILE: SP1.03 Specifications.dwg - DATE: Jan 19, 2024 4:57PM - BY: JOY WILSON

PROJECT NO: 23-4495 DRAWN BY: XXXX DATE: ----



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WAREHOUSE FOR: BBL STORAGE BLDGS B, C, D, E 2082 LEBANON RD. SPRINGFIELD, KY 40069 SPECIFICATIONS SP1.01

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D. COATING SCHEDULE:

1. SURFACES NOT TO BE PAINTED ARE FLOOR COVERINGS , ITEMS WITH FACTORY APPLIED FINAL FINISH , CONCEALED DUCTS , PIPES AND CONDUIT , ACOUSTICAL CEILING TILES, ITEMS WITH PRE-FINISHED SURFACES, ALUMINUM WINDOWS AND DOOR FRAMES , AND ALL ITEMS CALLED NOT TO BE PAINTED ON PLANS.

2. SURFACES TO BE PAINTED:

NOTE: CONSULT WITH OWNER FOR FINAL COLORS AND FINISHES.

a) EXPOSED INTERIOR DRYWALL:

- 1ST COAT: LATEX WALL PRIMER.
- 2ND COAT: LATEX EGGSHELL OR ALKYD BASED ENAMEL AS CALLED FOR.
- 3RD COAT: LATEX EGGSHELL OR ALKYD BASED ENAMEL AS CALLED FOR.

b) INTERIOR DRYWALL CEILINGS:

- 1ST COAT: LATEX WALL PRIMER
- 2ND COAT: ALKYD FLAT CEILING PAINT

c) INTERIOR METAL:

- 1ST COAT: METAL PRIMER
- 2ND COAT: SEMI-GLOSS ALKYD ENAMEL
- 3RD COAT: SEMI-GLOSS ALKYD ENAMEL

d) ASPHALT STRIPING:

- INSTALL 4" WIDE BRIGHT WHITE STRIPES AT ALL SHOWN PARKING SPACES.
- INSTALL 4" WIDE SAFETY YELLOW STRIPES AT HANDICAPPED PARKING AND LOADING AREAS.
- DIRECTIONAL ARROWS WHERE SHOWN, TO BE SAFETY YELLOW.
- ALL STRIPING AND MARKING TO BE STRAIGHT, PERPENDICULAR, AND UNIFORM.

10000 SPECIALTIES

- A. FIRE EXTINGUISHER AND CABINETS TO BE BY OWNER AS REQUIRED BY CODE AND BY THE FIRE INSPECTOR.

11000 EQUIPMENT

- A. GENERAL CONTRACTOR TO INSTALL ALL EQUIPMENT SO LISTED ON DRAWINGS, VERIFY AND COORDINATE REQUIREMENTS WITH SUPPLIERS DURING BIDDING.
- B. OWNER TO SUPPLY AND INSTALL ALL EQUIPMENT NOT REQUIRED OR LISTED HEREIN. SEE EQUIPMENT SCHEDULES.

12000 FURNISHINGS

- A. OWNER TO FURNISH AND INSTALL ALL FURNISHINGS NOT REQUIRED OR LISTED HEREIN.

13000 SPECIAL CONSTRUCTION: PRE-ENGINEERED BUILDING PACKAGE

- A. OWNER TO FURNISH ANY SPECIAL CONSTRUCTION NOT REQUIRED OR LISTED HEREIN.
- B. BUILDING PACKAGE TO BE GENERALLY AS SHOWN ON DRAWINGS TO INCLUDE PRIMARY AND SECONDARY STEEL FRAMING
- C. WALLS TO BE PAINTED RIBBED SIDING UNLESS OTHERWISE NOTE ON PLANS.
- D. MAIN ROOFS TO BE MANUFACTURES STANDARD SCREW DOWN 26 GA MEATAL OVER 2" (MIN.) OF VINYL FACED INSULATION, WITH RELATED FLASHING, GUTTERS, DOWNSPOUTS, SOFFITS, AND OVERHANGS.
- E. FULL DESIGN RESPONSIBILITY OF PRE-ENGINEERED METAL BUILDING TO BE BY MANUFACTURER. ROOF LOADS TO BE 20#/S.F (OR AS REQUIRED BY LOCAL DESIGN AND BUILDING CODE). PLUS 5#/S.F. FOR EQUIPMENT LOADS (OR AS REQUIRED BY LOCAL DESIGN AND BUILDING CODE), PLUS DEAD LOAD AND ADDITIONAL COLLATERAL LOADS AS DESIGNED BY MANUFACTURER. MANUFACTURER TO PROVIDE ADDITIONAL REINFORCING REQUIRED FOR ANY SNOW BUILD-UP. FRAMING AT CANOPIES AND FOR ALL ROOF TOP UNITS (VERIFY WEIGHT WITH MECHANICAL CONTRACTORS). WIND LOAD OF 15#/S.F. ON WALLS AND UL 90 UPLIFT ON ROOF (OR AS REQUIRED BY LOCAL DESIGN AND BUILDING CODE). BUILDING MANUFACTURER TO COMPLY WITH ALL REQUIREMENTS OF THE STATE BUILDING CODES. THIS INCLUDES ALL BRACING AND CONNECTIONS REQUIRED TO TRANSFER LOADS TO FOUNDATIONS AS SHOWN OR REQUIRED. (NOTE: LIVE LOAD REDUCTIONS ARE NOT ALLOWED IN STEEL WEIGHTS).

14000 CONVEYING EQUIPMENT - NOT USED

SPECIAL NOTE:

- A. FINAL DETAILED LAYOUT OF STEEL STRUCTURES, PLUMBING, MECHANICAL, FIRE SUPPRESSION AND ELECTRICAL SYSTEMS ARE BY SEPARATE ENGINEERS OR INSTALLERS, IT IS THE RESPONSIBILITY OF THE OWNER AND GENERAL CONTRACTOR TO COORDINATE ALL WORK WITH AFFECTED OTHER TRADES TO ASSURE COMPLETENESS AND CODE COMPLIANCE.
 - B. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND THE MECHANICAL, ELECTRICAL, AND PLUMBING CONTRACTORS TO ENSURE THAT ALL PARTS OF THEIR WORK IS TO BE ACCESSIBLE AS PER FEDERAL ADAAG GUIDELINES AND ALL STATE / LOCAL GUIDELINES. THIS INCLUDES BUT IS NOT LIMITED TO ELECTRICAL CONTROLS SUCH AS THERMOSTATS OR LIGHTING CONTROLS, LIGHT SWITCHES, OUTLET PLUGS, HAND DRYERS, AND FAUCET CONTROLS. IF THERE ARE CONCERNS ABOUT HOW TO DETERMINE REACH RANGES, EQUIPMENT CLEARANCE OR OTHER ACCESSIBILITY ITEMS, CONTACT THE ARCHITECT IMMEDIATELY BEFORE WORK BEGINS FOR GUIDANCE.
1. .

END OF SPECIFICATIONS

ABBREVIATIONS

THESE ARE ABBREVIATIONS USED ON THE PLANS AND IN THESE SPECIFICATIONS. NOT ALL ITEMS MAY BE USE AND ARE FOR REFERENCE ONLY.

ACT - ACOUSTICAL CEILING TILE

- AFF - ABOVE FINISHED FLOOR
- CJ - CONTROL JOINT
- E.I.F.S. - EXTERIOR INSULATION AND FINISH SYSTEM
- FRP - FIBERGLASS REINFORCED PANELS
- GYP. BD. - GYPSUM BOARD
- I.B.C. - INTERNATIONAL BUILDING CODE
- MAX - MAXIMUM
- MIN - MINIMUM
- NRP - NON-REMOVABLE PIN
- O.C. - ON CENTER
- VCT - VINYL COMPOSITE TILE
- VET - VINYL ENHANCED TILE
- V.I.F. - VERIFY IN FIELD

PROJECT NO:

23-4495

DRAWN BY:

XXX/

DATE:



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SPECIFICATIONS

SP1.02