

## NOTE

CONTRACTOR SHALL REQUEST A CONSTRUCTION SET PRIOR TO BEGINNING ANY WORK ON THIS PROJECT.

DESIGN BASED ON SURVEY PROVIDED BY THOMAS GRAHAM ASSOCIATES, DATED 09-21-2021. CONTRACTOR SHALL VERIFY THAT THESE PLANS ARE THE MOST CURRENT AVAILABLE PRIOR TO BEGINNING CONSTRUCTION, AND SHALL NOTIFY THE ENGINEER/OWNER IMMEDIATELY IF THEY ARE NOT.

## GENERAL NOTES (APPLICABLE TO ALL SHEETS):

- WORK SHALL CONFORM TO THE REQUIREMENTS OF GOVERNING AGENCIES HAVING JURISDICTION. GRADING, PAVING, AND MATERIALS SHALL COMPLY WITH THE STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AS WELL AS PROJECT SPECIFICATIONS AND DRAWINGS. IN CASE OF DISCREPANCIES BETWEEN REQUIREMENTS, THE MOST STRINGENT SHALL APPLY.
- DIMENSIONS SHOWN ON THESE DRAWINGS ARE TO BACK OF CURB, OUTSIDE FACE OF BUILDING FOUNDATIONS, EDGE OF PAVEMENT OR CENTER OF STRUCTURE OR SIGN UNLESS NOTED OTHERWISE.
- NO DIMENSION MAY BE SCALED. REFER UNCLEAR ITEMS TO THE ENGINEER FOR INTERPRETATION.
- ELECTRONIC CADD FILES ARE AVAILABLE UPON REQUEST FOR THE PURPOSE OF LAYOUT. SSOE GROUP CLAIMS NO RESPONSIBILITY WHATSOEVER FOR THE ELECTRONIC CADD FILES OR FOR INCORRECT INTERPRETATIONS ONCE TURNED OVER TO THE CONTRACTOR.
- CONTRACTOR SHALL OBTAIN ALL NECESSARY CONSTRUCTION PERMITS AND LICENSES REQUIRED TO PERFORM ALL REQUIRED WORK. CONTRACTOR SHALL POST ALL BONDS, PAY ALL FEES (EXCEPT AS SPECIFIED IN THE PROJECT MANUAL), PROVIDE PROOF OF INSURANCE AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.

## LEGAL DESCRIPTION:

FIDELITY NATIONAL TITLE INSURANCE COMPANY 8249

COMMITMENT NO.: 20-10-00203  
COMMITMENT DATE: NOVEMBER 13, 2020  
SCHEDULE C  
LEGAL DESCRIPTION

THE LAND IS DESCRIBED AS FOLLOWS:

THE LEGAL DESCRIPTION IS INADEQUATE FOR TRANSFER AND AN ACCEPTABLE NEW DESCRIPTION AND SURVEY MUST BE PRESENTED TO THE MONTGOMERY COUNTY AUDITOR PRIOR TO RECORDING.

SITUATE IN MAD RIVER TOWNSHIP, COUNTY OF MONTGOMERY AND STATE OF OHIO AND BEING PART OF LOT NUMBERS 4, 5, 6, 7 AND 10 AND ALL OF LOTS NUMBERS 11 THRU 25 INCLUSIVE TOGETHER WITH PART OF VACATED EVERGLAD AVENUE, AND ALL OF VACATED SUNBERRY AND VACATED NARCISSUS AVENUE AS SHOWN ON THE LAYMON-BYERS PLAT AS RECORDED ON PLAT BOOK N, PAGE 72 ON THE PLAT RECORDS OF SAID COUNTY, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS BEGINNING AT AN IRON PIN AT THE INTERSECTION OF THE SOUTH LINE OF NARCISSUS AVENUE WITH THE EAST RIGHT-OF-WAY LINE OF THE B&O RAILROAD (IRONTON DIVISION); THENCE N 32° 22' 08" E WITH THE WEST LINE OF LOT NOS. 25, 24, 20 AND 19 AND WITH THE NORTHEAST EXTENSION OF LOT NO. 24 TO THE SOUTHWEST CORNER OF LOT NO. 20, AND WITH THE EAST RIGHT-OF-WAY LINE OF THE B&O RAILROAD (IRONTON DIVISION) A DISTANCE OF 785.10 FEET TO AN IRON PIN; THENCE NORTHEASTWARDLY WITH THE WEST LINE OF LOT NO. 19 AND WITH THE EAST RIGHT-OF-WAY LINE OF SAID RAILROAD ALONG THE ARC OF A REGULAR CURVE TO THE LEFT HAVING A RADIUS OF 1457.69 FEET A DISTANCE OF 143.62 FEET TO AN IRON PIN AT THE NORTHWEST CORNER OF LOT NO. 19; THENCE S 85° 07' 52" E WITH THE NORTH TINE OF LOT NUMBERS 19 AND 18 AND WITH THE EASTWARD EXTENSION OF THE NORTH LINE OF LOT NO. 18 A DISTANCE OF 176.00 FEET TO AN IRON PIN; THENCE S 4° 13' 43" W A DISTANCE OF 200.00 FEET TO AN IRON PIN; THENCE S 85° 07' 52" E, A DISTANCE OF 208.22 FEET TO AN IRON PIN IN THE WEST RIGHT-OF-WAY LINE OF WOODMAN DRIVE; THENCE S 4° 35' 49" E, WITH SAID WEST RIGHT-OF-WAY LINE 204.74 FEET TO AN IRON PIN; THENCE SOUTHEASTWARDLY ALONG THE ARC OF A REGULAR CURVE TO THE RIGHT HAVING A RADIUS 4217.18 FEET A DISTANCE OF 390.73 FEET TO AN IRON PIN AT THE INTERSECTION OF THE WEST RIGHT-OF-WAY LINE OF WOODMAN DRIVE WITH THE SOUTH TINE OF LOT NO. 4; THENCE N 85° 06' 22" W WITH THE SOUTH TINE OF LOT NO. 4 A DISTANCE OF 50.00 FEET TO A CORNER; THENCE S 4° 15' 45" W A DISTANCE OF 27.15 FEET TO THE SOUTH TINE OF NARCISSUS AVENUE; THENCE N. 85° 44' 15" W WITH THE SOUTH LINE OF SAID NARCISSUS AVENUE 837.37 FEET TO THE PLACE OF BEGINNING, CONTAINING 10.899 ACRES, MORE OR LESS.

## OWNER/DEVELOPER

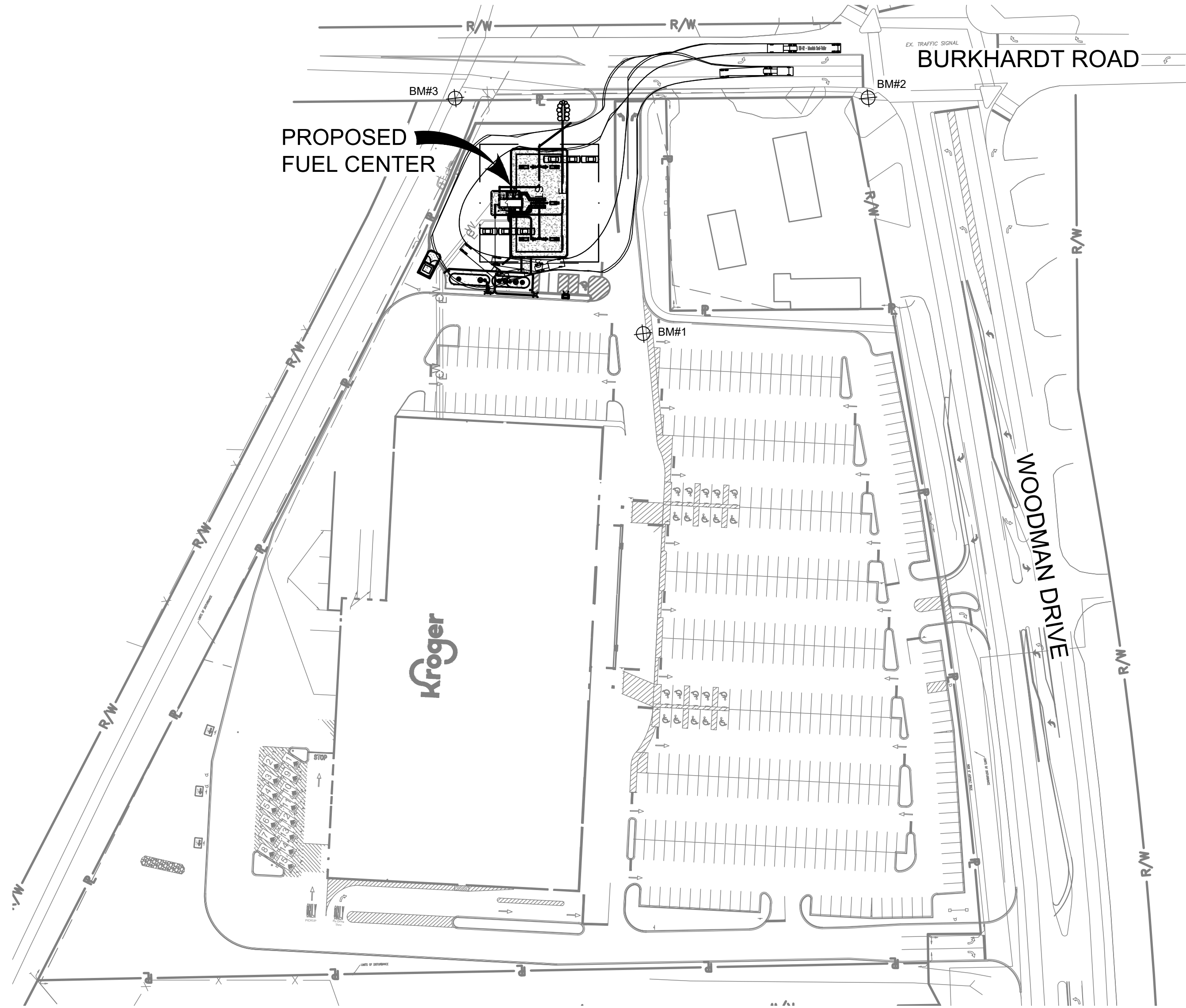
THE KROGER LIMITED PARTNERSHIP I  
11310 CORNELL PARK DR.  
CINCINNATI, OH 45246  
CONTACT: KRISTIN CAMPBELL  
PH: (513) 782-3312

## CIVIL ENGINEER

SSOE, INC.  
100 EAST CAMPUS VIEW BLVD.,  
SUITE 340  
COLUMBUS, OH 43235  
PH: (614) 985-1507  
FAX: (614) 985-1723

# PROPOSED FUEL CENTER KROGER A765

MONTGOMERY COUNTY  
RIVERSIDE, OHIO  
PARCEL I.D. NUMBER: I39 00919 0034



## BENCH MARK AND CONTROL POINT TABLE

NO.	DESCRIPTION
BM#1	TRAV NAIL #3
	NORTHING 644699.93
	EASTING 1512685.37
	ELEVATION 817.03
BM#2	TRAV T-9
	NORTHING 644867.47
	EASTING 1512920.73
	ELEVATION 815.39
BM#3	TRAV NAIL #10
	NORTHING 644910.20
	EASTING 1512533.79
	ELEVATION 825.44



0' 80' 160' 240'  
GRAPHIC SCALE : 1" = 80'

## STANDARD LEGEND

DESCRIPTION	PROPOSED	EXISTING
STORM SEWER	ST	
UNDERDRAIN	UD	
SANITARY SEWER	S	
SANITARY FORCE MAIN	FM	
WATER	W	
ELECTRIC	E	
COMMUNICATION	C	
PROPERTY LINE	P	
SETBACK LINE	S/B	
RIGHT-OF-WAY LINE	R/W	
CONCRETE		
ASPHALT - HEAVY DUTY		
ASPHALT - LIGHT DUTY		
CLEAN OUT		
MANHOLE		
CATCH BASIN		
OIL WATER SEPARATOR		
SIGN		
LIGHT POLE		
WATER VALVE		
TREES & SHRUBS		

## PERMITS / SUBMITTALS

SEPARATE PERMITS, DEFERRED SUBMITTALS  
(BY CONTRACTOR OR OTHERS)  
BUILDING AND SITE MONUMENT SIGNAGE  
FIRE SUPPRESSION SYSTEM

SUBJECT  
SITE



## SHEET INDEX LEGEND

00-00-00	MOST RECENT REVISION DATE
	LATEST REVISION NUMBER
	FILLED CIRCLE INDICATES DRAWING INCLUDED WITH THIS ISSUE

ISSUE/REVISION	DATE	SHEET NO.	SHEET NAME
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## GENERAL (BY SSOE)

04-25-2022	G0.1.....COVER SHEET
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## CIVIL (BY SSOE)

04-25-2022	C1.1.....SITE LAYOUT PLAN
04-25-2022	C1.2.....GRADING PLAN
04-25-2022	C1.3.....UTILITY PLAN
04-25-2022	C1.4.....SWPPP
04-25-2022	C2.1.....COLOR ELEVATION & SIGNAGE DETAILS
04-25-2022	C5.1.....SITE SPECIFIC DETAILS

## SURVEY

01-19-2020	ALTA SURVEY (FOR REFERENCE ONLY)
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## ARCHITECTURAL (BY GALLOWAY)

04-25-2022	A1.0.....CONSTRUCTION & FOUNDATION PLANS
04-25-2022	A1.1.....CONSTRUCTION & FOUNDATION DETAILS
04-25-2022	A2.0.....EXTERIOR ELEVATIONS AND SIGNAGE
04-25-2022	A3.0.....YARD DETAILS
04-25-2022	A3.1.....YARD DETAILS
04-25-2022	A3.2.....TRASH ENCLOSURE PLAN & DETAILS
04-25-2022	E1.0.....ELECTRICAL PLANS AND DETAILS
04-25-2022	E2.0.....ELECTRICAL PLANS AND DETAILS
04-25-2022	E3.0.....DISPENSER AND LEAK DETECTION WIRING
04-25-2022	T1.0.....TYPICAL FUELING LAYOUTS
04-25-2022	T2.0.....TANK AND PIPING MATERIALS LIST (1 OF 2)
04-25-2022	T2.1.....TANK AND PIPING MATERIALS LIST (2 OF 2)
04-25-2022	T3.0.....20,000 GALLON TANK PLAN AND SECTION INSTALLATION DETAILS
04-25-2022	T3.1.....10,000/8,000 GALLON TANK PLAN AND SECTION INSTALLATION DETAILS
04-25-2022	T4.0.....TANK SLAB, ANCHORING AND MISCELLANEOUS INSTALLATION DETAILS
04-25-2022	T5.0.....TANK TURBINE/FILL SUMP AND STATIC GROUNDING INSTALLATION DETAILS
04-25-2022	T6.0.....TANK TURBINE SUMP AND MISCELLANEOUS INSTALLATION DETAILS (ALL CONFIGURATIONS)
04-25-2022	T7.0.....TANK FILL SUMP AND FITTING INSTALLATION DETAILS
04-25-2022	T8.0.....DISPENSER AND PIPING INSTALLATION DETAILS WAYNE OVATION 3+0
04-25-2022	T8.1.....DISPENSER AND PIPING INSTALLATION DETAILS WAYNE OVATION 3+1

## CANOPY (BY MCGEE)

04-04-2022	E1.....FRAMING PLAN
04-04-2022	E2.....ELEVATIONS
04-04-2022	F1.....FOUNDATION PLAN
04-04-2022	L1.....LIGHT LAYOUT
04-04-2022	STRUCTURAL STEEL CALCULATIONS (7 SHEETS)

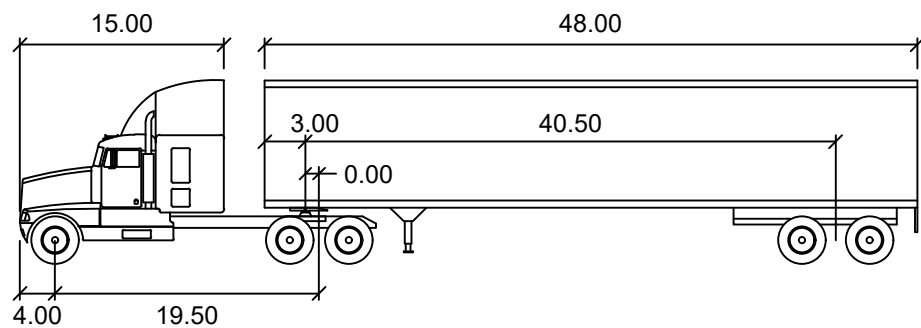
## KIOSK (BY VFS)

04-22-2022	CS-1.....COVER SHEET
04-22-2022	F-1.....FOUNDATION PLAN
04-22-2022	A-1.....FLOOR PLAN AND EXTERIOR ELEVATIONS
04-22-2022	A-2.....BUILDING SECTION
04-22-2022	A-3.....BUILDING SECTION
04-22-2022	A-4.....SHELVING PLAN
04-11-2022	E-1.....ELECTRICAL PLANS
04-11-2022	E-2.....ELECTRICAL SCHEDULES & DETAILS
04-11-2022	P-1.....PLUMBING PLAN
04-11-2022	M-1.....MECHANICAL PLAN
04-22-2022	S-1.....STEEL FRAMING PLAN
04-22-2022	S-2.....STEEL FRAMING DETAILS
04-22-2022	SP-1.....SPECIFICATION SHEET
04-22-2022	ES-1.....EQUIPMENT SCREEN
	COMPLIANCE CERTIFICATES (11 SHEETS)



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NOTE TO CONTRACTOR:  
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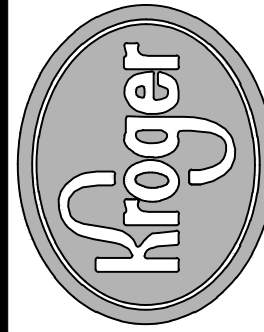


## WB-62

	feet
Tractor Width	: 8.00
Tractor Track	: 8.50
Trailer Width	: 8.50
Tractor Track	: 8.00
Trailer Track	: 8.50
Lock to Lock Time	: 6.00
Steering Angle	: 28.4
Articulating Angle	: 70.0

SSOE<sup>TM</sup>

SSOE, INC.  
ARCHITECTS • ENGINEERS  
COLUMBUS, OHIO 43235  
614.985.1507



The Kroger Co.  
CINCINNATI/DAYTON MARKETING AREA  
150 Tri-County Parkway  
Cincinnati, OH 45246  
Phone (513) 782-3300

Seal

## REVISIONS

DATE	DESCRIPTION	ISSUE FOR BIDS
04-25-2022		

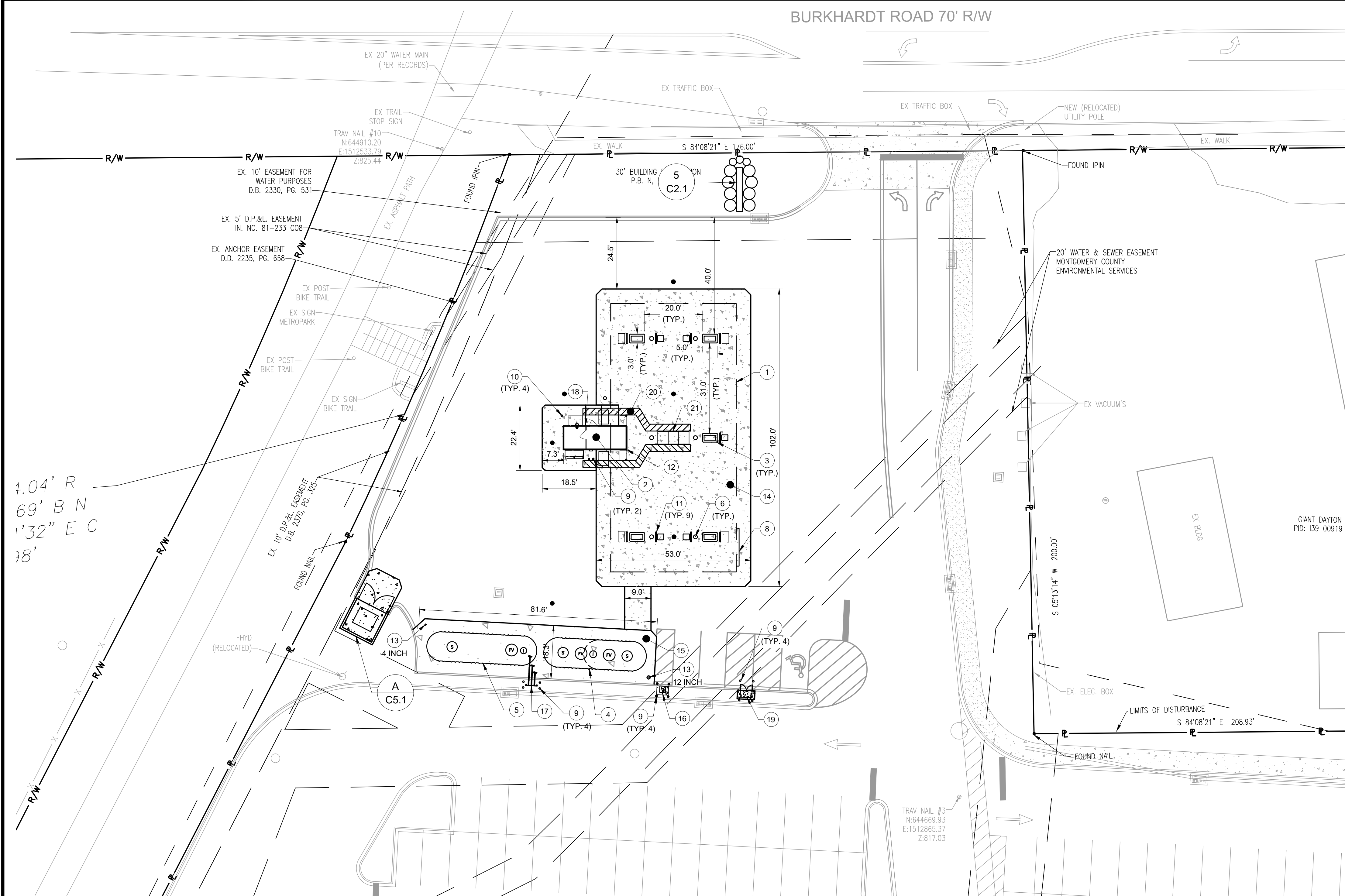
Project No.:	021-01869-00
Project Manager:	M. ALFIERI
Designed By:	M. SAMIEC
Drawn By:	B. SALAZAR
Checked By:	C. HARTMAN
Store No.:	A-765
Address:	601 WOODMAN DRIVE RIVERSIDE, OHIO 45404

## COVER SHEET

Drawing No.:

G0.1





PAVEMENT LEGEND	
DESCRIPTION	PROPOSED
HEAVY DUTY CONCRETE	
LIGHT DUTY CONCRETE	

SCHEDULE:

- 43'-0" X 92'-0" CANOPY (3,956 S.F.) FOR REFERENCE ONLY. RE: CANOPY PLANS FOR EXACT DIMENSIONS.
- 8'-0" X 21'-7" KIOSK (173 S.F.) FOR REFERENCE ONLY. RE: ARCH./KIOSK PLANS FOR EXACT LOCATION/DIMENSIONS.
- 3'-0" x 5'-0" DISPENSER ISLAND (TYP. 5.) FOR REFERENCE ONLY. RE: ARCH. PLANS FOR EXACT LOCATION.
- DOUBLE WALL UNDERGROUND STORAGE TANK. (1~18,000 GAL. DUAL COMPARTMENT) DIESEL (10,000 GAL.) AND PREMIUM UNLEADED (8,000 GAL.) TANK. FOR REFERENCE ONLY. RE: ARCH. PLANS FOR EXACT LOCATION/DIMENSIONS.
- DOUBLE WALL UNDERGROUND STORAGE TANK. (1~20,000 GAL. SINGLE COMPARTMENT) REGULAR UNLEADED TANK.FOR REFERENCE ONLY. RE: ARCH. PLANS FOR EXACT LOCATION/DIMENSIONS.
- CANOPY COLUMN (TYP. 6). FOR REFERENCE ONLY. RE: ARCH./CANOPY PLANS FOR EXACT LOCATION/DIMENSIONS.
- NOT USED
- INTERNALLY ILLUMINATED CHANNEL LETTER SIGN (TYP. 2). FOR REFERENCE ONLY. RE: ARCH. PLANS FOR EXACT LOCATION/DIMENSIONS.
- 6" PIPE BOLLARD (TYP. 18). RE: ARCH. PLANS FOR DETAIL.
- 6" PIPE BOLLARD WITH WARNING SIGN (TYP. 4). RE: ARCH. PLANS FOR DETAIL.
- INVERTED U-SHAPED STEEL PIPE GUARD POST (TYP. 9). RE: ARCH. PLANS FOR DETAIL.
- EMERGENCY SHUT-OFF SWITCH MOUNTED ON KIOSK, WITH DISTINCTLY LABELED SIGN READING "EMERGENCY FUEL SHUTDOWN DEVICE". FOR REFERENCE ONLY. RE: ARCH. PLANS FOR DETAIL/EXACT LOCATION.
- OBSERVATION WELL. (TYP. 2). FOR REFERENCE ONLY. RE: ARCH. PLANS FOR EXACT LOCATION.
- 6" THICK CONCRETE SLAB UNDER CANOPY WITH 2' CHAMFERED CORNERS. RE: ARCH. PLANS FOR JOINTING & SLAB SECTION.
- 8" THICK CONCRETE SLAB OVER TANKS WITH 2' CHAMFERED CORNERS. RE: ARCH. PLANS FOR JOINTING & SLAB SECTION.
- AIR COMPRESSOR (BY OTHERS) ON (4,000 PSI) CONCRETE PAD (BY CONTRACTOR). RE: ARCH. PLANS FOR DETAIL.
- VENT RISER STACK (MIN. 12' ABOVE FINISHED GRADE). RE: ARCH. PLANS FOR DETAIL.
- 911 EMERGENCY CALL BOX. RE: ARCH PLANS FOR DETAIL
- PROPANE SALES CABINET ON 4x8' CONCRETE PAD
- PEDESTRIAN WALKWAY STRIPING. FOR REFERENCE ONLY. RE: ARCH. PLANS FOR DIMENSIONS / EXACT LOCATION.
- OUTDOOR MERCHANDISING DISPLAYS. RE: ARCH. PLANS FOR ELEVATIONS AND EXACT LOCATIONS.

- 5

C2.1

MONUMENT SIGN (BY OTHERS). COORDINATE INSTALLATION WITH SIGN CONTRACTOR.
- A

C5.1

DUMPSTER ENCLOSURE

GENERAL CONSTRUCTION NOTES:

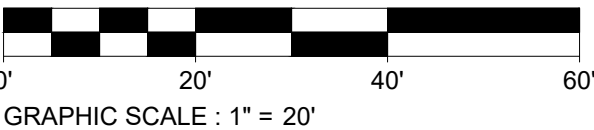
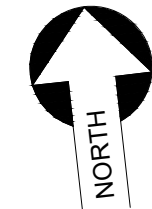
- FOLLOW ALL FEDERAL, STATE AND LOCAL SAFETY REQUIREMENTS DURING CONSTRUCTION OF THIS PROJECT. SPECIAL CARE SHALL BE TAKEN DURING ALL TRENCHING OPERATIONS. SHEETING AND BRACING, CRIBBING, ETC., MUST BE INSTALLED AS REQUIRED TO PROVIDE MAXIMUM SAFETY TO THE CONTRACTOR'S WORKERS IN FULL COMPLIANCE WITH OSHA REGULATIONS.
- ABIDE BY ALL OSHA, FEDERAL, STATE AND LOCAL REGULATIONS WHEN OPERATING CRANES, BOOMS, HOISTS, ETC. IN CLOSE PROXIMITY TO OVERHEAD ELECTRIC LINES. IF EQUIPMENT MUST OPERATE CLOSE TO ELECTRIC LINES, CONTACT THE POWER COMPANY TO MAKE ARRANGEMENTS FOR PROPER SAFEGUARDS.
- ALL CONSTRUCTION SHALL BE CONDUCTED SUCH THAT THERE WILL BE MINIMAL INTERFERENCE WITH STREETS, DRIVES OR WALKS. MAINTAIN TRAFFIC FLOW AROUND THE WORK SITE. DO NOT CLOSE OR OBSTRUCT STREETS, DRIVES OR WALKS OR USER FACILITIES WITHOUT PERMISSION FROM THE OWNER'S REPRESENTATIVE, AND WRITTEN APPROVAL FROM THE STATE DOT, LOCAL MUNICIPALITY, COUNTY, OR OTHER GOVERNING AUTHORITY. MANNER AND METHOD OF INGRESS AND EGRESS WITH RESPECT TO THE PROJECT AREA IS SUBJECT TO REGULATION AND WRITTEN APPROVAL OF APPROPRIATE GOVERNING AGENCIES.
- REVIEW CONSTRUCTION AND PROVIDE TRAFFIC SEQUENCE AND SCHEDULE AT THE PRECONSTRUCTION MEETING WITH KROGER STORE MANAGEMENT, LANDLORD REPRESENTATIVE, AND KROGER REGIONAL FACILITIES MANAGER.
- PROVIDE ADEQUATE BARRICADES AT DRIVES, ENTRANCES, EXCAVATIONS AND OTHER OPENINGS TO KEEP OUT UNAUTHORIZED PERSONS AND FOR PUBLIC SAFETY AND TRAFFIC CONTROL. SAFETY PROVISIONS OF APPLICABLE LAWS SHALL BE OBSERVED AT ALL TIMES. BARRICADES LEFT IN PLACE AT NIGHT SHALL BE LIGHTED.
- KEEP EXISTING STREETS, ROADS AND DRIVES CLEAR OF DIRT, DEBRIS AND EQUIPMENT.
- NO EQUIPMENT OR MATERIAL STORAGE IS PERMITTED WITHIN THE ROAD RIGHT-OF-WAY.
- PROVIDE SHORING AND DEWATERING TO ACCOMPLISH ALL WORK INDICATED ON PLANS AND TO PERFORM REQUIRED COMPACTION OPERATIONS.
- VERIFY ALL SITE CONDITIONS IN THE FIELD AND CONTACT THE OWNER IF THERE ARE ANY QUESTIONS OR CONFLICTS REGARDING THE CONSTRUCTION DOCUMENTS AND/OR FIELD CONDITIONS SO THAT APPROPRIATE REVISIONS CAN BE MADE PRIOR TO CONSTRUCTION. ANY CONFLICT BETWEEN DRAWINGS AND THE SPECIFICATIONS SHALL BE CONFIRMED WITH THE CONSTRUCTION MANAGER PRIOR TO BIDDING.
- THE OWNER AT ITS DISCRETION RESERVES THE RIGHT TO MODIFY THE DETAILS AND STANDARDS OF CONSTRUCTION FOR ALL PRIVATE FACILITIES FROM THAT INDICATED ON THE APPROVED PLAN, PROVIDED THAT THE ALTERNATE STANDARD COMPLIES WITH LOCAL CODE AND/OR UTILITY COMPANY REQUIREMENTS AND THE GENERAL DESIGN INTENT OF THE PROJECT IS NOT COMPROMISED.

- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUTS AND SURVEYS REQUIRED TO PERFORM CONSTRUCTION. CADD FILE INFORMATION IS PROVIDED FOR REFERENCE ONLY.
- REFER TO APPROPRIATE SHEETS FOR EROSION AND SEDIMENT CONTROL, STORM DRAINAGE, UTILITY, PAVING, CURBING, AND SIGNAGE DETAILS AS APPLICABLE.
- AGGREGATES AND BITUMINOUS PAVEMENT MATERIAL AND INSTALLATION SHALL BE IN ACCORDANCE WITH STATE DOT SPECIFICATIONS. SUBMIT AGGREGATE SIEVE ANALYSIS AND A JOB-MIX FORMULA FOR THE BITUMINOUS PAVEMENT TO THE CONSTRUCTION MANAGER FOR REVIEW AND APPROVAL AT LEAST 14 DAYS PRIOR TO THE PLACEMENT OF BITUMINOUS PAVEMENTS.
- VERIFY ALL DIMENSIONS FOR BUILDING, WALLS, CONCRETE SLABS, UTILITY SERVICE POINT CONNECTIONS, AND THE PROPOSED WORK, AND NOTIFYING THE OWNER AND ENGINEER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO CONSTRUCTION.
- SUBMIT SHOP DRAWINGS OF ALL PRODUCTS AND MATERIALS TO THE OWNER AND LOCAL UTILITY COMPANIES AS REQUIRED FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR DELIVERY TO THE SITE. ALLOW A MINIMUM OF 14 DAYS FOR REVIEW.
- REFERENCE ARCHITECTURAL PLANS FOR EXACT DIMENSIONS AND CONSTRUCTION DETAILS OF BUILDING, CANOPY, ROOF DRAINS, RAISED CONCRETE SIDEWALKS, AND RAMPS.

- TRAFFIC CONTROL SIGNAGE SHALL CONFORM TO THE STATE DOT STANDARD DETAIL SHEETS AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. SIGNS SHALL BE INSTALLED PLUMB.
- FIRE LANES SHALL BE ESTABLISHED AND PROPERLY DESIGNATED IN ACCORDANCE WITH THE LOCAL MUNICIPALITY AND LOCAL FIRE DEPARTMENT REQUIREMENTS.
- REMOVE CONFLICTING PAVEMENT MARKINGS IN A METHOD APPROVED BY THE STATE DOT.
- ALTERNATIVE METHODS AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED IF REVIEWED AND APPROVED BY THE OWNER, ENGINEER, AND APPROPRIATE REGULATORY AGENCIES PRIOR TO INSTALLATION.
- PROVIDE AS-BUILT RECORDS OF ALL CONSTRUCTION (INCLUDING UNDERGROUND UTILITIES) TO THE ENGINEER FOLLOWING COMPLETION OF CONSTRUCTION ACTIVITIES.

NOTE: ASPHALT PAVEMENT TO BE INSTALLED BY OVERALL STORE CONTRACTOR. FUEL CENTER CONTRACTOR TO COORDINATE INSTALLATION SCHEDULE WITH OVERALL STORE CONTRACTOR.

NOTE: ALL TRASH WILL BE BAGGED DAILY AND DISPOSED OF IN THE MAIN STORE DUMPSTER.



FLOOD INFORMATION:

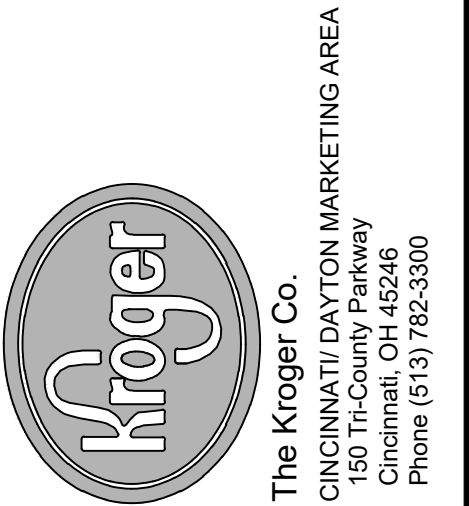
PROPERTY SURVEYED IS LOCATED WITHIN ZONE X ZONE X- AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN PER FEMA MAP NUMBER 39113CO188E MAP REVISED JANUARY 6, 2005



Know what's below.  
Call before you dig.

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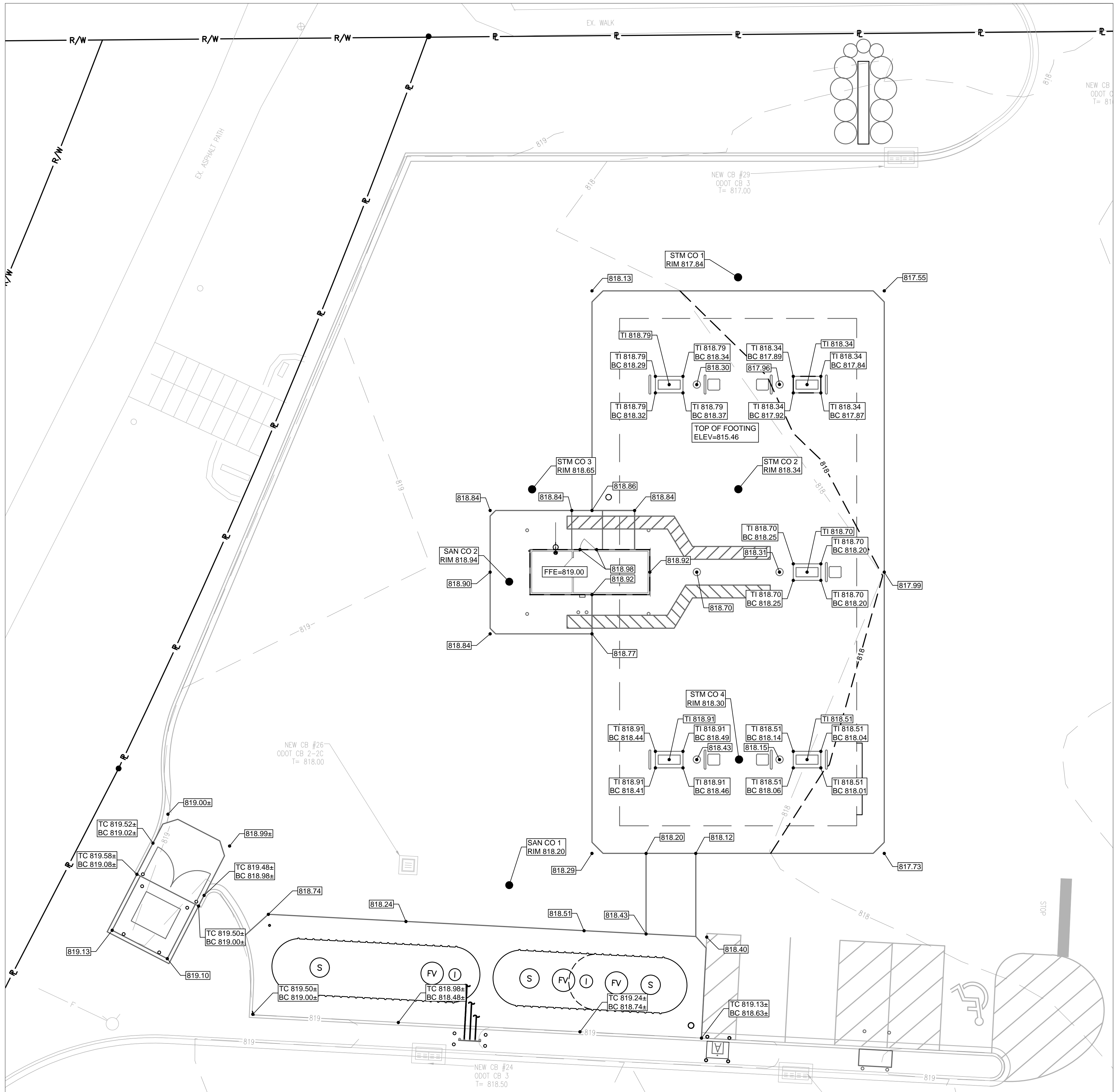
REVISIONS		DATE	DESCRIPTION
No.	DESCRIPTION	DATE	DESCRIPTION
A	ISSUE FOR BIDS	04-25-2022	

Project No.:	021-01869-00
Project Manager:	M. ALFIERI
Designed By:	M. SAMEC
Drawn By:	B. SALAZAR
Checked By:	C. HARTMAN
Store No.:	A-765
Address:	601 WOODMAN DRIVE RIVERSIDE, OHIO 45404

SITE LAYOUT PLAN

Drawing No.:  
C1.1





GRADING NOTES:

- REFER TO SHEET C1.4 FOR EROSION CONTROL NOTES.
- ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN CONFORMANCE WITH THE LOCAL MUNICIPALITY DESIGN STANDARDS AND SPECIFICATIONS AND IN ACCORDANCE WITH THESE PLANS.
- ALL PROPOSED SPOT ELEVATIONS IN PAVED AREAS SHALL BE CONSIDERED TOP OF PAVEMENT GRADES UNLESS NOTED OTHERWISE.
- SITE GRADING SHALL BE PERFORMED TO PROVIDE POSITIVE DRAINAGE AT ALL TIMES TO ENSURE NO STANDING WATER.
- REFER TO SITE PLAN FOR ADDITIONAL GENERAL NOTES AND UTILITY PLAN FOR UTILITY NOTES.
- UNLESS OTHERWISE INDICATED AT A SPECIFIC LOCATION, ALL FINISHED GRADES ARE TO CONFORM TO AND MATCH EXISTING GRADES. ALL FINAL GRADES AT THE PROJECT BOUNDARY SHALL MATCH EXISTING ELEVATIONS.
- REFER TO SHEET F1 OF 1 OF THE CANOPY DRAWINGS FOR TOP OF FOOTING ELEVATIONS.
- TOPSOIL SHALL BE STRIPPED FROM ALL AREAS TO RECEIVE PAVING AND FROM WITHIN THE LIMITS OF PROPOSED BUILDINGS AND STRUCTURES. TOPSOIL SHALL BE STRIPPED TO THE DEPTH SHOWN IN THE GEOTECHNICAL REPORT, OR TO A DEPTH OF 6 INCHES, WHICHEVER IS GREATER.
- TOPSOIL SHALL BE PLACED TO A DEPTH OF 4 TO 6 INCHES IN ALL AREAS TO BE SEEDED OR SODDED PER THE SPECIFICATIONS.
- EXCESS TOPSOIL MAY BE PLACED IN MOUNDING AREAS AND NONSTRUCTURAL FILL AREAS AS AVAILABLE OR DISPOSED OF AS PER LOCAL, STATE AND FEDERAL REGULATIONS.
- IMPORTING FILL MATERIAL FROM AN OFF-SITE LOCATION WITHOUT PRIOR WRITTEN APPROVAL FROM THE KROGER PROJECT MANAGER IS STRICTLY PROHIBITED. IDENTIFICATION OF OFF-SITE BORROW LOCATIONS AND MATERIALS MUST BE COORDINATED AND DOCUMENTED WITH THE SWPPP. A KROGER APPROVED TESTING FIRM MUST VERIFY THE SUITABILITY OF ALL OFF-SITE MATERIAL. THIS INCLUDES AN ANALYSIS TO ENSURE THAT NO ENVIRONMENTAL CONTAMINATION IS PRESENT. IF ANY MATERIAL IS BROUGHT ON SITE WITHOUT WRITTEN APPROVAL OF THE KROGER PROJECT MANAGER, THE CONTRACTOR WILL BEAR ALL COST ASSOCIATED WITH REMOVING THE MATERIAL, TESTING FOR CONTAMINATION, MONITORING THE CLEAN-UP OPERATION, DISPOSAL IN AN APPROVED LANDFILL, AND CERTIFYING THE THE KROGER SITE IS ENVIRONMENTALLY CLEAN.

SITE SPECIFIC GRADING NOTES:

- THE FUEL CONTRACTOR WILL BE RESPONSIBLE TO REPAIR ANY EXISTING SITE IMPROVEMENTS THAT MAY BE DISTURBED DURING CONSTRUCTION. THIS MAY INCLUDE, BUT NOT BE LIMITED TO:
  - EXISTING CURB THAT MAY BE DISTURBED DURING INSTALLATION OF THE VENT STANDS, AIR STAND, ETC.,
  - EXISTING ASPHALT THAT MAY BE DISTURBED DURING TANK INSTALLATION,
  - EXISTING LANDSCAPING,
  - EXISTING LIGHTS FIXTURES AND WIRING.

KIOSK NOTES:

- KIOSK FINISH FLOOR ELEVATION SHALL BE A MINIMUM OF 1" ABOVE ADJACENT FUEL CENTER SLAB GRADE.
- TOP OF ADA RAMP SHALL BE 1/4" LOWER THAN THE KIOSK FINISH FLOOR ELEVATION.
- EXTERIOR EXPOSED EDGE OF RAISED KIOSK SLAB TO BE SEALED OR PAINTED, COORDINATE TREATMENT WITH KROGER PM.

NOTIFY ENGINEER IMMEDIATELY OF ANY DEPARTURES FROM THESE DESIGN CONSTRAINTS.

TANK DEPTH OF BURY NOTE:

- SET TOP OF FUEL TANKS 4" BELOW LOWEST FUEL TANK SLAB ELEVATION.

GRADING LEGEND

- TI = TOP OF ISLAND  
TC = TOP OF CURB  
BC = BOTTOM OF CURB  
5% = DRAINAGE ARROW  
X94.50 = PROPOSED ELEVATION  
A MATCH EXISTING GRADE  
B STANDARD CURB AND GUTTER  
C TRANSITION CURB AND GUTTER  
D REVERSE SLOPE CURB AND GUTTER

BENCH MARK AND CONTROL POINT TABLE

NO.	DESCRIPTION	
BM#1	TRAV NAIL #3	
	NORTHING	644699.93
	EASTING	1512685.37
	ELEVATION	817.03
BM#2	TRAV T-9	
	NORTHING	644867.47
	EASTING	1512920.73
	ELEVATION	815.39
BM#3	TRAV NAIL #10	
	NORTHING	644910.20
	EASTING	1512533.79
	ELEVATION	825.44

FUEL TANK ELEVATION COORDINATION CHART

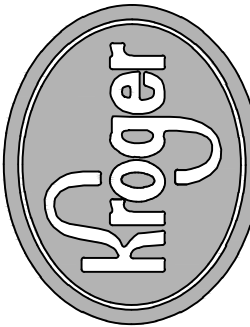
TANK DEPTH OF BURY CALCULATION			
DESCRIPTION		FURTHEST ISLAND	LOWEST ISLAND
1. ELEVATION AT TOP OF ISLAND		818.34	818.34
2. DISTANCE FROM ISLAND TO TANK, SEE NOTE #1		100 FT	100 FT
3. PIPE FALL (1/8" / FT) = (K2)(1/8)/12) =		1.04	1.04
4. DISPENSER ISLAND CONCRETE DRIVE SLAB PIPE COVER PIPE DIAMETER TANK CONNECTION	6"	2.75 FT	2.75 FT
	6"		
	3"		
	10"		
TOTAL:		33'	
5. GRADE DIFFERENTIAL = (#3 + #4)		3.79 FT	3.79 FT
6. TOP OF TANKS = (#1 - #5)		814.55	814.55
7. TOP OF TANKS = LOWEST CALCULATED ELEVATION, FROM #6			814.55
CHECK MINIMUM / MAXIMUM BURIAL DEPTH			
8. LOWEST ELEVATION OF SLAB ABOVE TANK, SEE NOTE #2			818.29
9. STAGE II VAPOR RECOVERY REQUIRED? "YES" OR "NO"			NO
10. DEPTH OF BURY = (#8 - #7)			4.50 FT
11. SET TOP OF TANK @			813.79
NOTES:			
1. DISTANCE FROM ISLAND TO TANK HAS BEEN ESTIMATED PER GALLOWAY DRAWING T-1.0.			
CONTRACTOR TO VERIFY EXACT PIPING LENGTH PRIOR TO TANK INSTALLATION.			
2. CONTRACTOR TO CONFIRM PROPOSED GRADE IS APPLICABLE TO EXISTING FIELD CONDITIONS. IF			
ANY	DISCREPANCIES ARE IDENTIFIED, NOTIFY THE KROGER PM TO ADJUST THE DEPTH OF BURY CHART AS NECESSARY. MAX DEPTH OF BURY IS 7 FT.		



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The Kroger Co.  
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150 Tri-County Parkway  
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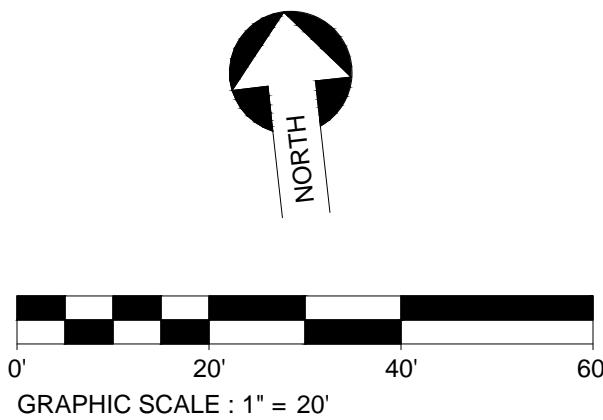
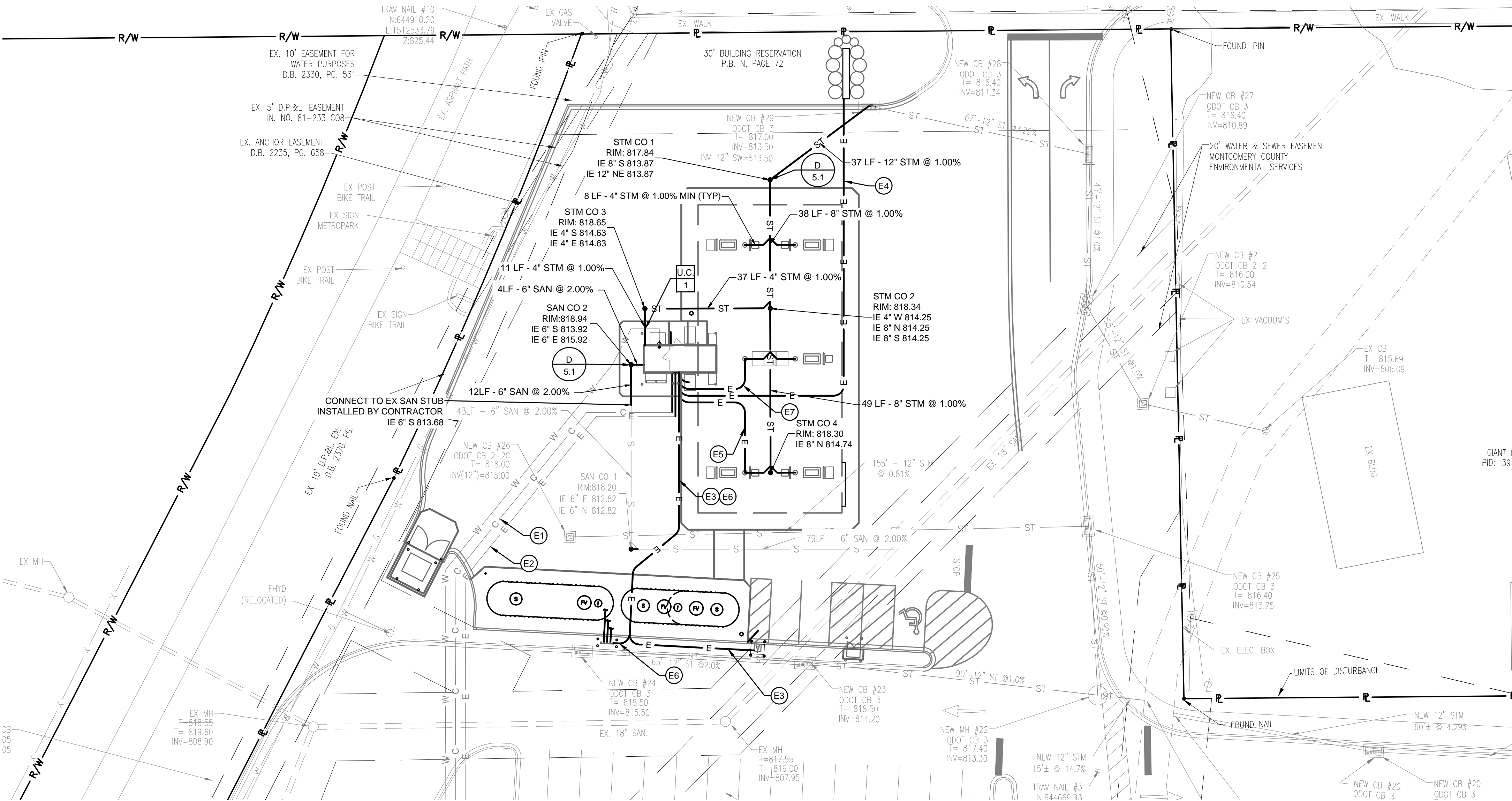
REVISIONS		DATE	04-25-2022
No.	DESCRIPTION	ISSUE FOR BIDS	
A			

Project No.: 021-01869-00  
Project Manager: M. ALFIERI  
Designed By: M. SAMEC  
Drawn By: B. SALAZAR  
Checked By: C. HARTMAN  
Store No.: A-765

GRADING PLAN

Drawing No.: C1.2





Know what's below.  
Call before you dig.

### UTILITY CROSSING

UC	BOTTOM OF 4" STORM DRAIN
1	TOP OF 3/4" WATER SERVICE

814.70 +/-  
813.00 +/-

### UTILITY CONTACTS:

(TELEPHONE)  
T-MOBILE  
1147 BROWN ST. DAYTON,  
OHIO, 45409.  
PH: 937-586-0562

(GAS)  
CENTER POINT ELECTRIC  
PH: (937) 440-1830  
RANDY.CECH@CENTERPOINTENERGY.COM  
RANDY CECH

(ELECTRIC)  
AES OHIO  
(937) 287-2313 CELL  
(937) 331-4933 DESK  
JONATHAN.PANFILO@AES.COM  
CONTACT: JONATHAN "JONNY" PANFILO

(SEWER & WATER)  
MONTGOMERY COUNTY ENV. SERVICES

1850 SPAULDING ROAD  
KETTERING, OHIO 45432  
(937) 781-2629  
SCHAFFERC@MCOHIO.ORG  
CHARLES SCHAFFER

(FIRE)  
RIVERSIDE FIRE DEPARTMENT  
(937) 603-9581  
RTURNER@RIVERSIDEOH.GOV  
BOB TURNER

### ELECTRICAL SCHEDULE

- (E1) (2) 2" CONDUITS 5' OUTSIDE OF KIOSK FOR COMMUNICATIONS FROM KIOSK TO MAIN STORE. SEE THOMAS GRAHAM STORE DRAWINGS FOR CONNECTION TO CONDUITS INSTALLED FROM MAIN STORE. COMMUNICATION CABLES ARE INSTALLED BY KROGER.
- (E2) (1)-2" CONDUIT 5' OUTSIDE OF KIOSK FOR ELECTRICAL SERVICE FROM KIOSK TO MAIN STORE. SEE THOMAS GRAHAM STORE DRAWINGS FOR CONNECTION TO CONDUIT INSTALLED FROM MAIN STORE. SERVICE TO INCLUDE 4#4/0, 1#2 GROUND WIRE. CONTRACTOR SHALL MAKE ALL SECONDARY CONNECTIONS
- (E3) CONDUIT ROUTING TO AIR COMPRESSOR. RE: ARCH. PLANS FOR ELECTRICAL REQUIREMENTS.
- (E4) CONDUIT ROUTING FROM KIOSK TO MONUMENT SIGN. RE: SHEET E1.0.
- (E5) INSTALL CANOPY PRICE SIGN CONTROLLER. RE: SHEET E1.0.  
LED PRICER - SHOW CONDUIT TO ONLY ONE COLUMN NEAR THE PRICER CLOSEST TO KIOSK
- (E6) CONDUIT ROUTING FROM KIOSK TO VENT RISERS. RE: SHEET E1.0.
- (E7) INSTALL (2)-3/4" CONDUITS WITH PULL STRINGS FROM KIOSK TO CANOPY FOR FIRE SUPPRESSION.

NOTE: CONTRACTOR TO SUPPLY ALL REQUIRED WIRE, CONDUIT, AND FITTINGS UNLESS OTHERWISE STATED.

### FIRE PROTECTION NOTES

- 6" MINIMUM RADIUS FOR 2" FIRE PROTECTION ROADWAY.
- COORDINATE INSTALLATION WITH FIRE.

### KIOSK NOTES

- INSTALL INSULATION AND HEAT TAPE AROUND THE WATER PIPES IN THE UTILITIES CHASE OF THE KIOSK RESTROOM.
- COORDINATE INSTALLATION OF SPIGOT WITH KIOSK MANUFACTURER, OR ADD EXTERIOR FREEZELESS HOSE BIBB WITH BACKFLOW PREVENTION AND TEE KEY (WOODFORD MODEL 17 OR APPROVED EQUIVALENT) ON EXTERIOR OF KIOSK WITH SHUTOFF LOCATED ON INTERIOR WALL. LOCATE HOSE BIBB ADJACENT TO BACKFLOW PREVENTER, WITHOUT OBSTRUCTING OR REMOVING INTERIOR FIXTURES OR ELECTRICAL OUTLETS. REFER TO KIOSK DRAWINGS FOR LOCATIONS OF FIXTURES.
- SET ALL EXTERNAL FITTINGS ON THE KIOSK (HOSE BIB, ELECTRICAL OUTLET, ETC.) 4-1/2" FROM SUBSTRATE TO BE FLUSH WITH BRICK FACADE.

### GENERAL UTILITY NOTES

- REFER TO SITE PLAN FOR ADDITIONAL GENERAL NOTES AND GRADING PLAN FOR GRADING NOTES.
- PROTECT AND MAINTAIN CROSSINGS OF OTHER UTILITY LINES.
- PROPER COORDINATION SHALL BE PERFORMED TO ENSURE THAT ALL GOVERNING AGENCY STANDARDS FOR MATERIALS AND CONSTRUCTION METHODS ARE MET.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES, INCLUDING SERVICES PRIOR TO CONSTRUCTION. CONTACT THE STATE UTILITIES PROTECTION SERVICE @ 811 AT LEAST 48 HOURS BEFORE THE START OF THE WORK AND VERIFY ALL EXISTING UTILITY LOCATIONS.
- ARRANGE FOR AND COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES FOR SERVICE INSTALLATIONS AND CONNECTIONS AND MAIN AND SERVICE RELOCATIONS. COORDINATE THE WORK TO BE PERFORMED BY THE VARIOUS GOVERNING AGENCIES AND SECURE ALL PERMITS AND PAY ALL FEES FOR CONNECTIONS, DISCONNECTIONS, RELOCATIONS, INSPECTIONS, AND DEMOLITION AS NECESSARY.
- DO NOT INTERRUPT EXISTING UTILITIES SERVICING FACILITIES OCCUPIED AND USED BY THE OWNER OR OTHERS DURING OCCUPIED HOURS EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE OWNER, LOCAL MUNICIPALITY AND/OR UTILITY COMPANY. INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY OR PERMANENT SERVICE HAS BEEN PROVIDED.
- INSTALL TEMPORARY SITE LIGHTING, GAS, SANITARY, WATER, STORM, ELECTRIC, TELEPHONE, AND CABLE SERVICES TO BUILDING(S) THAT REMAIN OPEN DURING CONSTRUCTION, AS NECESSARY.
- PROVIDE SLEEVES UNDER FOOTINGS OR THROUGH FOUNDATIONS FOR UTILITY CONNECTIONS AS REQUIRED.
- PROVIDE ALL BENDS, FITTINGS, ADAPTERS, ETC. AS REQUIRED FOR PIPE CONNECTIONS TO BUILDING/CANOPY STUB-OUTS.
- ALL UTILITY CONSTRUCTION IS SUBJECT TO INSPECTION PRIOR TO APPROVAL FOR BACKFILL, IN ACCORDANCE WITH THE APPROPRIATE GOVERNING AGENCY.
- CONTACT THE LOCAL COUNTY HEALTH DEPARTMENT AND FILE AND OBTAIN A PLUMBING PERMIT FOR THE WORK INDICATED HEREIN AND COMPLY WITH THE LOCAL COUNTY PLUMBING CODE.
- IN THE EVENT OF CONFLICT OF ANY REQUIREMENTS OR PROVISIONS OF THE WORK INDICATED HEREON, THE SITE ENGINEER SHALL BE NOTIFIED FOR A DETERMINATION OF THE PLAN REQUIREMENTS AND INTENT THEREOF.
- UTILITY CONNECTION DESIGN AS REFLECTED ON THE PLAN MAY CHANGE SUBJECT TO GOVERNING AGENCY REVIEW.
- PIPE LENGTHS SHOWN ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
- ALL EXISTING MANHOLES/CATCH BASINS ARE ASSUMED TO BE FOUR (4) FEET IN DIAMETER UNLESS OTHERWISE NOTED ON PLANS. CONTRACTOR TO FIELD VERIFY MANHOLE/CATCH BASIN SIZE AND ENSURE CONSTRUCTABILITY OF THE CONNECTIONS AS SHOWN ON THE PLANS PRIOR TO BEGINNING CONSTRUCTION.
- TRENCHES SHOULD BE BACKFILLED AND THE PAVEMENT RESTORED IN SUCH A MANNER THAT ALLOWS TRAFFIC TO SAFELY TRAVEL ALONG AND/OR CROSS IT DURING NON-CONSTRUCTION HOURS. HOLES SHALL NOT BE ALLOWED DURING NON-CONSTRUCTION HOURS. KEEP THE TRENCH AREA IN A SAFE PASSABLE CONDITION AT ALL TIMES.
- TEMPORARY PAVEMENT RESTORATION SHOULD CONSIST OF AT LEAST 3 INCHES OF COMPACTED BITUMINOUS COLD PATCH.
- PERMANENT PAVEMENT RESTORATION SHALL BE COMPLETED IN A TIMELY MANNER.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF UTILITIES WITH EXCAVATION OF TANK PIT. UTILITIES AND PRODUCT PIPING WITHIN THE TANK PIT SHALL BE COORDINATED WITH GALLOWAY DRAWINGS. CONFLICTS WITH PROPOSED UTILITY RUNS SHALL BE COMMUNICATED BACK TO OWNER REPRESENTATIVE AND SITE ENGINEER.

### STORMWATER NOTES

- VISIT THE SITE AND VERIFY THE ELEVATION AND LOCATION OF ALL UTILITIES PRIOR TO BEGINNING ANY EXCAVATION. TEST PITS SHALL BE DUG AT ALL LOCATIONS WHERE SEWERS CROSS EXISTING UTILITIES, AND THE HORIZONTAL AND VERTICAL LOCATIONS OF THE UTILITIES SHALL BE DETERMINED. CONTACT THE ENGINEER AND CONSTRUCTION MANAGER IN THE EVENT OF ANY UNFORESEEN CONFLICTS BETWEEN EXISTING AND PROPOSED UTILITIES SO THAT AN APPROPRIATE MODIFICATION MAY BE MADE.
- INSTALL UNDERDRAINS (UD) WITH A MINIMUM FIFTEEN (15) INCHES OF COVER FROM FINISH SUBGRADE.
- ALL UNDERDRAINS ARE SIX (6) INCH DIAMETER AT A MINIMUM SLOPE OF 1.00 PERCENT UNLESS NOTED OTHERWISE.

### SANITARY SEWER NOTES

- DOWNSPOUT, FOOTER DRAINS OR OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.
- TEST THE SANITARY SEWER FOR LEAKAGE IN ACCORDANCE WITH THE GOVERNING AGENCY'S REQUIREMENTS. THE INSPECTOR FOR THE MUNICIPALITY/UTILITY SHALL BE PRESENT DURING TESTING.

### WATER NOTES

- INSTALL WATER MAIN/LEAD WITH A MINIMUM OF FIVE (5) FEET OF COVER.
- PROVIDE A MINIMUM OF EIGHTEEN (18) INCHES OF VERTICAL SEPARATION AND TEN (10) FEET OF HORIZONTAL SEPARATION BETWEEN THE WATER MAIN AND ALL SANITARY AND STORM SEWERS.

### MATERIAL NOTES

ALL MATERIAL SHALL COMPLY WITH THE LOCAL MUNICIPALITY DESIGN & PROJECT SPECIFICATIONS.

#### STORM DRAINS:

- PVC PIPE ASTM D3034 (SDR-35) FOR DIAMETERS LESS THAN 12"
- HIGH-DENSITY POLYETHYLENE (HDPE) FOR DIAMETERS 12" AND GREATER
- C76-CLIV RCP WITH PREMIUM JOINT FOR DIAMETERS 12" AND GREATER

#### SUBDRAINAGE SYSTEM:

- PVC PIPE: ASTM D2729, 6" PERFORATED AND NONPERFORATED PIPE WITH INTEGRAL COUPLINGS.
- HDPE PIPE: AASHTO M252 6" CORRUGATED POLYETHYLENE DRAINAGE TUBING, PERFORATED AND NONPERFORATED PIPE WITH COUPLING BANDS.
- CORRUGATED PERFORATED PIPE SHALL BE FILTER SOCK WRAPPED AND FITTED WITH END CAPS.

#### WATER (IN ORDER OF PREFERENCE):

PVC WATER PIPE ASTM D2241 (SDR-21, CLASS 200) WITH SOLVENT CEMENT JOINTS.

#### SANITARY SEWER:

PVC PIPE ASTM D3034 (SDR-35) PIPE JOINT ASTM D3212.

#### SANITARY FORCE MAIN:

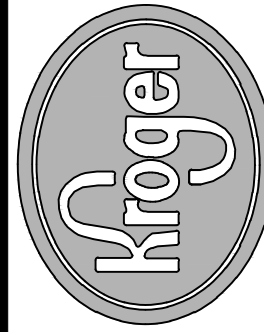
PVC PIPE ASTM D2241 AND D3139 (SDR-21: PR200) WITH GASKETED JOINTS PER ASTM D3139

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SSOE, INC.  
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CINCINNATI/DAYTON MARKETING AREA  
150 Tri-County Parkway  
Cincinnati, OH 45246  
Phone (513) 782-3300

Seal

No.	DATE	DESCRIPTION	ISSUE FOR BIDS
A	04-25-2022		

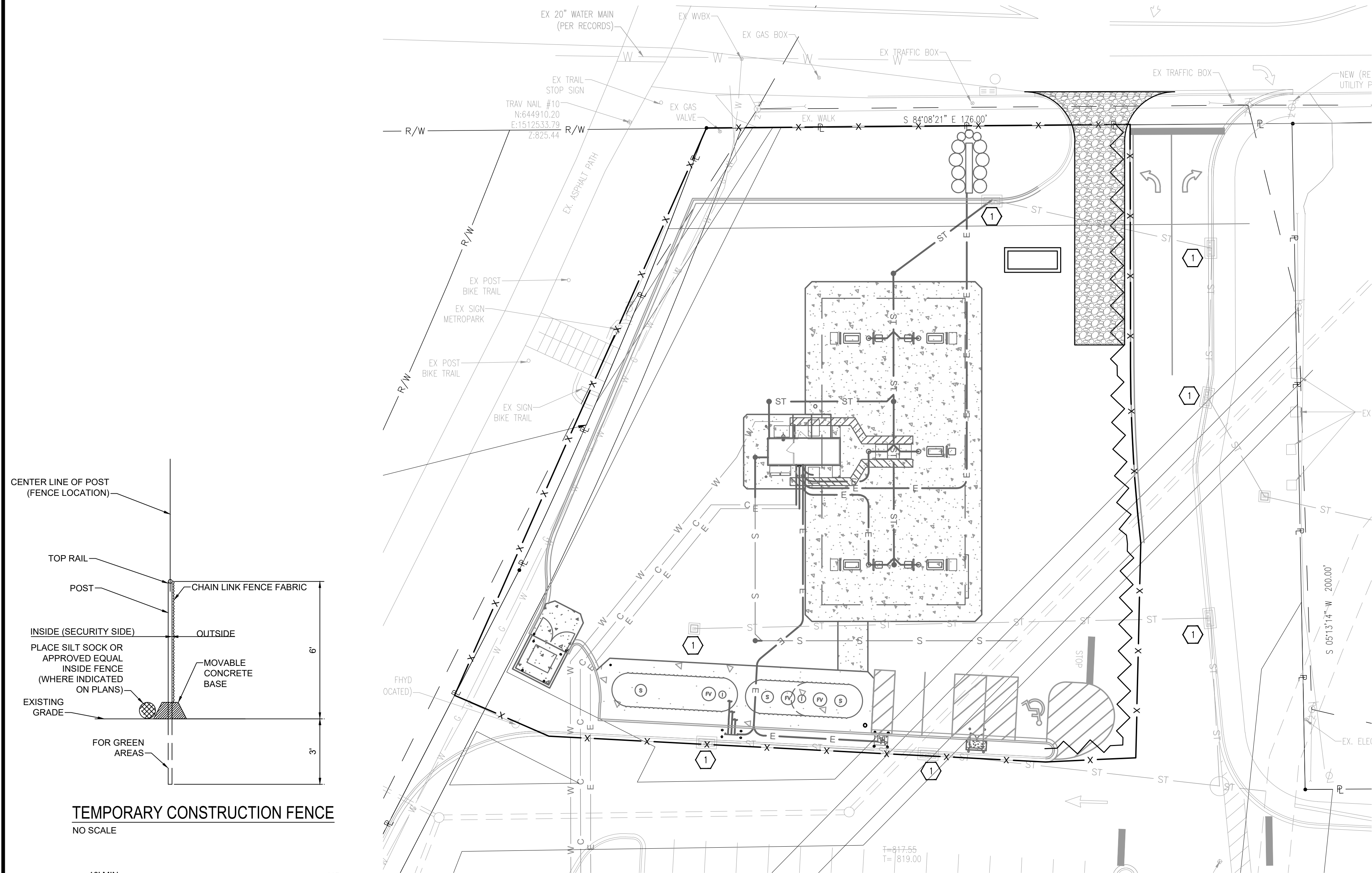
Project No.:	021-01869-00
Project Manager:	M. ALFIERI
Designed By:	M. SAMEC
Drawn By:	B. SALAZAR
Checked By:	C. HARTMAN
Store No.:	A-765
Address:	601 WOODMAN DRIVE RIVERSIDE, OHIO 45404

### UTILITY PLAN

Drawing No.:

C1.3





EROSION CONTROL NOTES:

- BECOME COMPLETELY FAMILIAR WITH THE GEOTECHNICAL REPORT PRIOR TO BEGINNING ANY WORK.
- MAINTAIN THE SWPPP AS SPECIFIED IN SECTION 31 25 00 OF THE PROJECT MANUAL.
- CONSTRUCT AND MAINTAIN ALL SOIL EROSION CONTROL MEASURES IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS AND PROJECT DOCUMENTS.
- CONSTRUCTION OPERATIONS SHALL BE SCHEDULED AND PERFORMED SO THAT PREVENTATIVE EROSION CONTROL MEASURES ARE IN PLACE PRIOR TO EXCAVATION AND TEMPORARY STABILIZATION MEASURES ARE IN PLACE IMMEDIATELY FOLLOWING BACKFILLING AND/OR GRADING OPERATIONS.
- ANY EROSION AND SEDIMENT FROM WORK ON THIS SITE SHALL BE CONTAINED ON THE SITE AND NOT ALLOWED TO COLLECT IN ANY OFF-SITE AREAS OR IN WATERWAYS. WATERWAYS INCLUDE NATURAL AND MANMADE OPEN DITCHES, STREAMS, STORM DRAINS, LAKE AND PONDS.
- KEEP NEIGHBORING STREETS CLEAN AND FREE OF MUD AND DEBRIS.
- DIRECT ALL DEWATERING ACTIVITIES TO THE EXISTING STORM SYSTEM. PASS ALL WATER THROUGH A FILTER PRIOR TO OUTLETTING TO THE SYSTEM.
- CONSTRUCT AND MAINTAIN INLET FILTER AT ALL CATCH BASINS AND INLET STRUCTURES THAT HAVE THE POTENTIAL TO RECEIVE SEDIMENT LADEN RUNOFF UNTIL PERMANENT MEASURES ARE IN PLACE.
- ENSURE SOIL AND DEBRIS FROM THE SITE REMAINS ON SITE THROUGH THE USE OF CLEAN STONE EXITS. DIRECT ALL CONSTRUCTION TRAFFIC TO THESE EXITS.
- PROVIDE, MAINTAIN, AND REMOVE A CONCRETE WASHOUT AREA WITH GUIDANCE FROM THE READY MIX WASHOUT GUIDEBOOK AND IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS. ALL MATERIAL CONTAINED WITHIN THE WASHOUT AREA SHALL BE DISPOSED OF PROPERLY.
- CONTROL DUST AT ALL TIMES DURING CONSTRUCTION.
- SPECIAL PRECAUTIONS SHALL BE TAKEN IN THE USE OF CONSTRUCTION EQUIPMENT TO PREVENT SITUATIONS THAT PROMOTE EROSION.
- THE PROJECT SHALL CONTINUALLY BE INSPECTED FOR SOIL EROSION AND SEDIMENT CONTROL COMPLIANCE. DEFICIENCIES WILL BE CORRECTED WITHIN 24 HOURS.
- CLEANUP SHALL BE DONE IN A MANNER TO ENSURE THAT EROSION CONTROL MEASURES ARE NOT DISTURBED.
- FINAL SITE SOIL EROSION CONTROL STABILIZATION, SUCH AS SEED OR SOD, IS TO BE COMPLETED WITHIN FIVE (5) DAYS OF FINAL GRADING.
- TEMPORARY EROSION CONTROL MEASURES SHALL BE COMPLETELY REMOVED BY THE CONTRACTOR UPON ESTABLISHMENT OF PERMANENT CONTROL MEASURES.

CONSTRUCTION SEQUENCE:

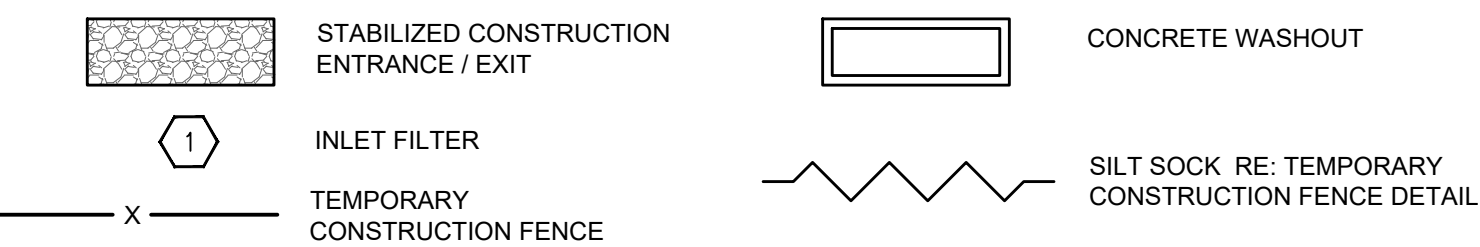
- PROVIDE TEMPORARY BEST MANAGEMENT PRACTICES (BMPs) PRIOR TO ANY EARTH MOVING ACTIVITIES.
- COMPLETE PAVEMENT AND ITEM REMOVAL.
- ROUGH GRADE SITE AND CONSTRUCT STORM SYSTEM. INSTALL AND MAINTAIN INLET FILTERS ON STORM STRUCTURES.
- COMPLETE NEW CONSTRUCTION AS INDICATED ON THE PLANS.
- INSPECT AND PERFORM MAINTENANCE OF BMPs DURING THE ENTIRE CONSTRUCTION EFFORT.
- COMPLETE PERMANENT SOIL EROSION CONTROL STABILIZATION MEASURES.
- REMOVE TEMPORARY BMPs AFTER SITE IS STABILIZED AND AS DIRECTED BY THE OWNER AND/OR INSPECTOR.

SWPPP MAINTENANCE SCHEDULE NOTES:

INSPECT THE SOIL EROSION AND SEDIMENT CONTROL DEVICES ONCE EACH WEEK AND WITHIN TWENTY-FOUR (24) HOURS OF A PRECIPITATION EVENT WHICH RESULTS IN A STORM WATER DISCHARGE FROM THE SITE. A LOG OF INSPECTION REPORTS SHALL BE MAINTAINED AND ACCESSIBLE IN ACCORDANCE WITH NPDES REQUIREMENTS. IMPLEMENT THE FOLLOWING STEPS IF ANY DAMAGE HAS RESULTED FROM CONSTRUCTION OR WEAR.

- STABILIZED CONSTRUCTION ACCESS (CLEAN STONE EXITS) MUST BE MAINTAINED AS NECESSARY. ADD ADDITIONAL STONE WHEN ACCESS ROAD BECOMES INEFFECTIVE DUE TO LOSS OF STONE OR COVERED WITH MUD.
- INSPECT INLET FILTERS FOR BUILD-UP OF SILT AND OTHER DEBRIS. EXCESSIVE BUILD-UP IS EVIDENT IF GEOTEXTILE IS CAUSING FLOODING. MAINTENANCE CONSISTS OF REMOVING ALL SEDIMENT WITH A STIFF BRISTLE BROOM OR SQUARE POINT SHOVEL. IF INLET FILTER IS BEYOND THIS LEVEL OF REPAIR, IT MAY BE NECESSARY TO REPLACE THE GEOTEXTILE FILTER FABRIC.
- PREPARE EROSION CONTROL SEEDING ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR / INSPECTOR SHALL INSPECT THE AREA AFTER SEEDING IS COMPLETED. REPAIR AREAS THAT ARE BARE OR NOT MULCHED PROPERLY BY SPOT SEEDING AND / OR RE-MULCHING.
- MAINTAIN DUST CONTROL AT ALL TIMES DURING CONSTRUCTION. SPRINKLING TANK TRUCKS SHALL BE AVAILABLE AT ALL TIMES AND USED ON HAUL ROADS, ON-SITE DISTURBED AREAS, OR OTHER PLACES WHERE DUST BECOMES A PROBLEM AS A RESULT OF CONSTRUCTION EFFORTS.
- PROMPTLY REMOVE ALL MUD, DIRT AND DEBRIS TRACKED ONTO EXISTING ROADS FROM THIS SITE.
- SILTATION CONTROL FENCE SHOULD BE TRENCHED IN, BACKFILLED, AND STAPLED OR STAKED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. MAINTENANCE INCLUDES THE REMOVAL OF BUILT-UP SEDIMENT WHEN THE SEDIMENT ACCUMULATES TO 1/3 OF THE HEIGHT OF THE FENCE. CONTRACTOR MAY HAVE TO REMOVE, REPLACE, RETRENCH, OR RE-BACKFILL THE FENCE IF IT FAILS. REINSTALL ANY PORTION OF THE FENCING DAMAGED BY CONSTRUCTION MACHINERY IMMEDIATELY.

EROSION CONTROL LEGEND



SOIL EROSION / SEDIMENTATION CONTROL MAINTENANCE SCHEDULE

CONSTRUCTION SEQUENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
INSTALL TEMPORARY BMPs							X					
TEMPORARY ENTRANCE							X					
SITE DEMO / SITE CONSTRUCTION							X	X				
INLET FILTERS ON STRUCTURES							X	X				
LANDSCAPING									X			
FINAL GRADING									X			
REMOVE TEMPORARY MEASURES									X			

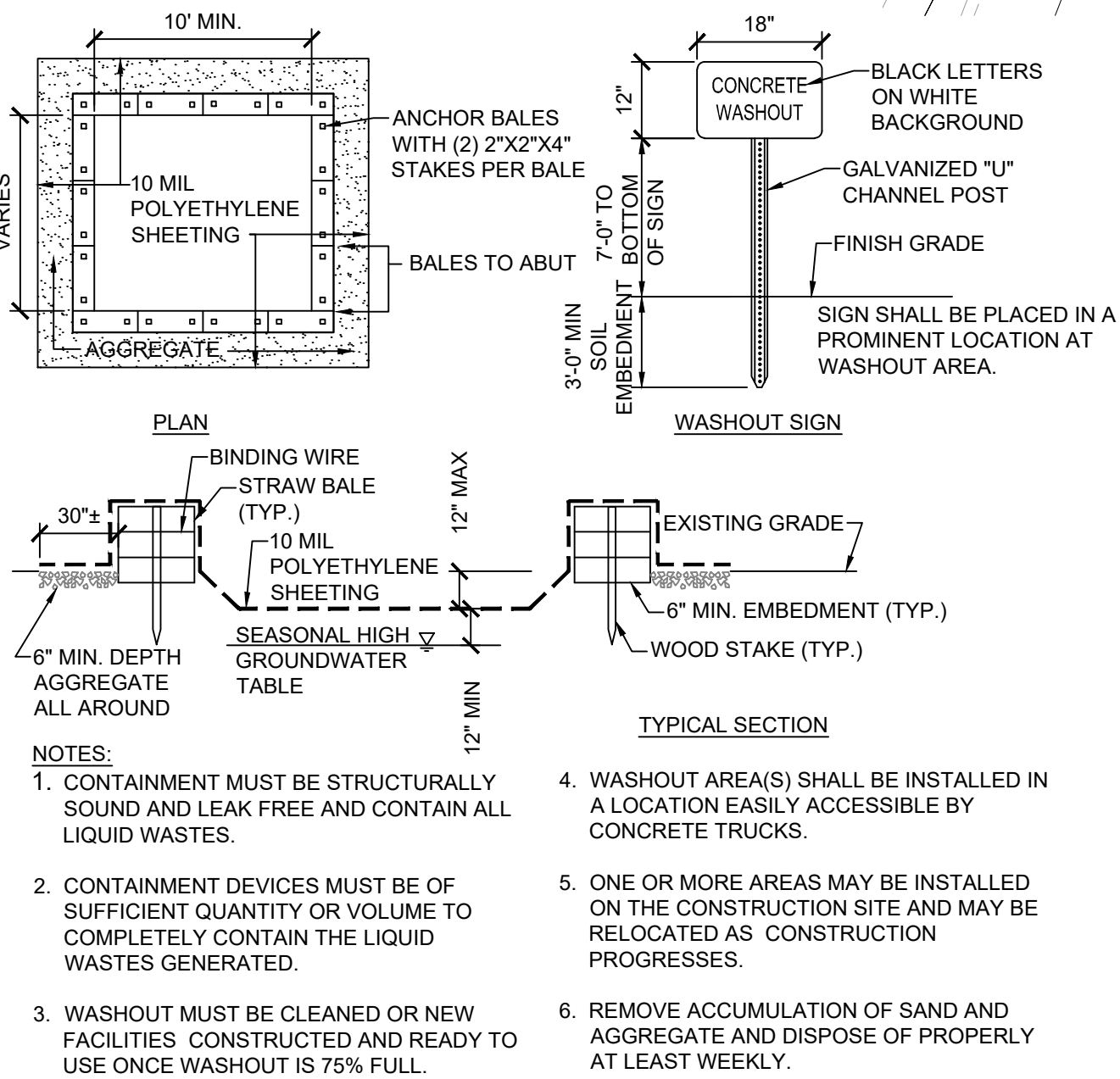
ANTICIPATED CONSTRUCTION START DATE: JULY, 2022  
ANTICIPATED CONSTRUCTION END DATE: SEP, 2022

X = INSPECT WEEKLY OR AFTER RAIN EVENT



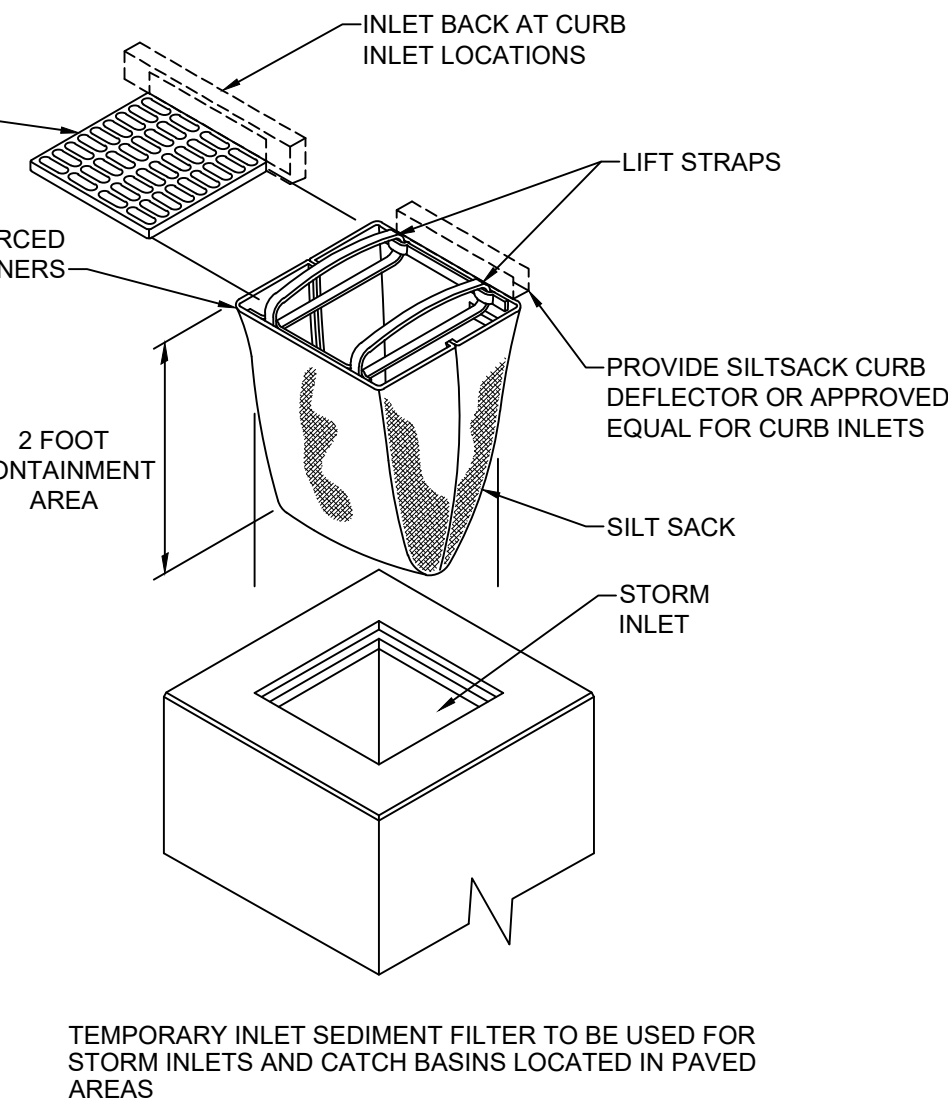
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CONCRETE WASHOUT AREA  
NO SCALE

STABILIZED CONSTRUCTION ENTRANCE / EXIT  
NO SCALE



INLET FILTER - SACK  
SCALE: NTS

REVISIONS

REVISIONS		
No.	DESCRIPTION	DATE
A	ISSUE FOR BIDS	04-25-2022

Project No.: 021-01869-00  
Project Manager: M. ALFIERI  
Designed By: M. SAMIEC  
Drawn By: B. SALAZAR  
Checked By: C. HARTMAN  
Store No.: A-765

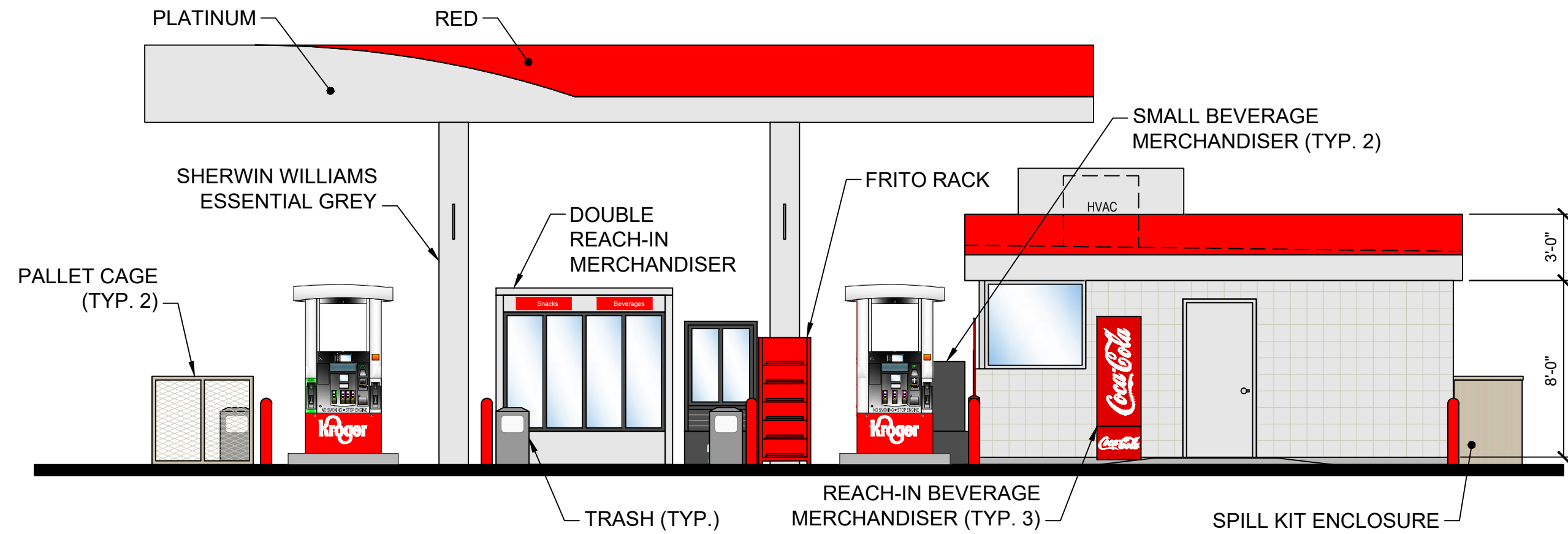
Address: 601 WOODMAN DRIVE  
RIVERSIDE, OHIO 45404

SWPPP

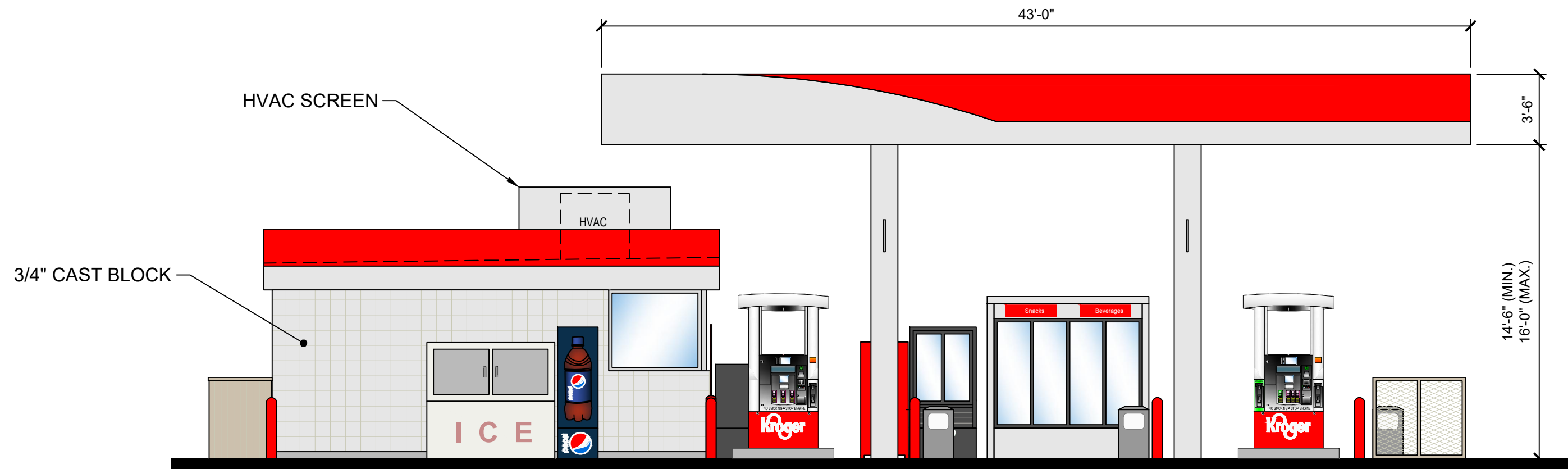
Drawing No.:

C1.4



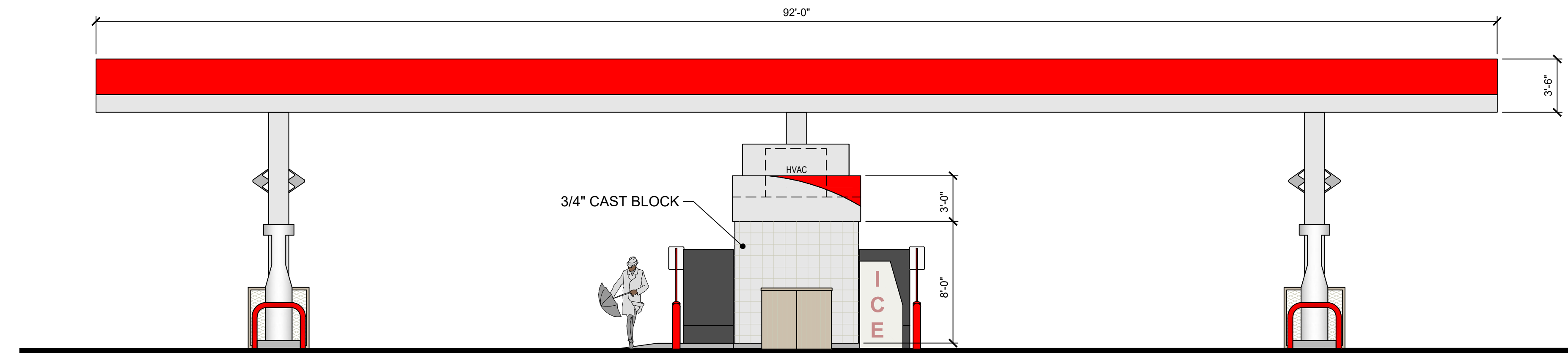


3 NORTH SIDE ELEVATION  
SCALE: NTS

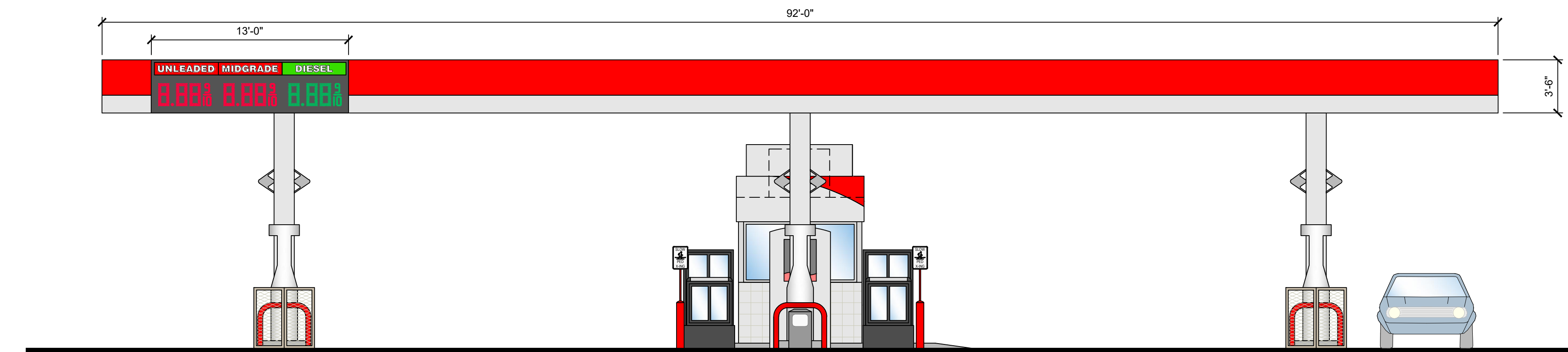


4 SOUTH SIDE ELEVATION  
SCALE: NTS

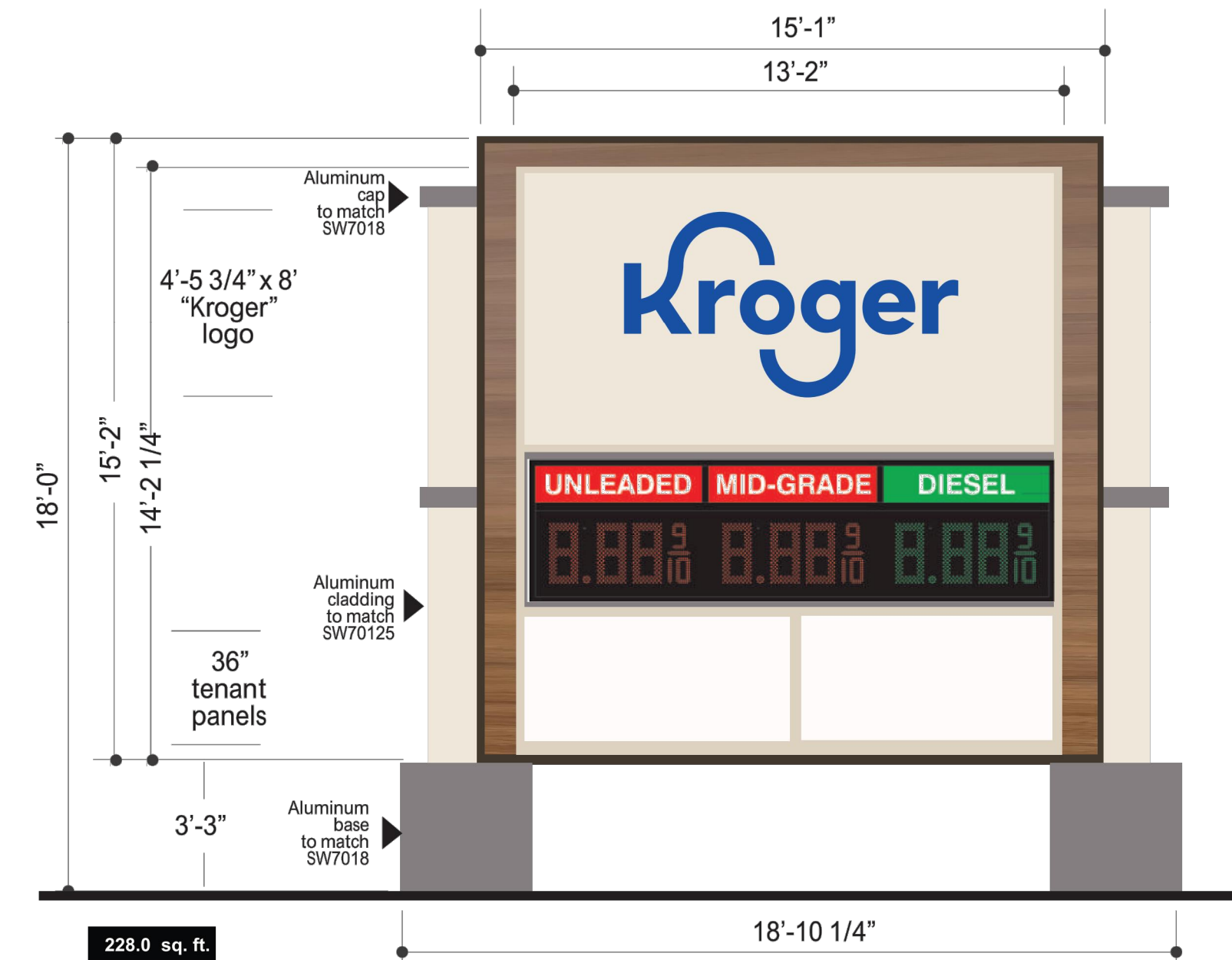
HEIGHT OF KIOSK: 11'-0"  
KIOSK AREA: 21'-10-1/2" X 8'-1-1/2" = 177.3 SF  
HEIGHT TO BOTTOM OF CANOPY: 15'-6"  
CANOPY AREA: 43'-0" X 92'-0" = 3,956 SF  
HEIGHT OF FASCIA: 3'-6"



2 WEST ELEVATION  
SCALE: NTS



1 EAST ELEVATION  
SCALE: NTS



5 MONUMENT SIGN  
SCALE: AS NOTED

SIGNAGE SCHEDULE			
SIGN	QUANTITY	SIGN AREA [SF]	TOTAL AREA [SF]
UNLEADED MIDGRADE DIESEL 3.19 3.29 3.39	1	45.50	45.50
Kroger UNLEADED MIDGRADE DIESEL 3.19 3.29 3.39	1	228.00	228.00
TOTAL			273.50

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**SSOE, INC.**  
ARCHITECTS • ENGINEERS  
COLUMBUS, OHIO 43235  
614.985.1507

The Kroger Co.  
CINCINNATI DAYTON MARKETING AREA  
150 Tri-County Parkway  
Cincinnati, OH 45246  
Phone (513) 762-3300

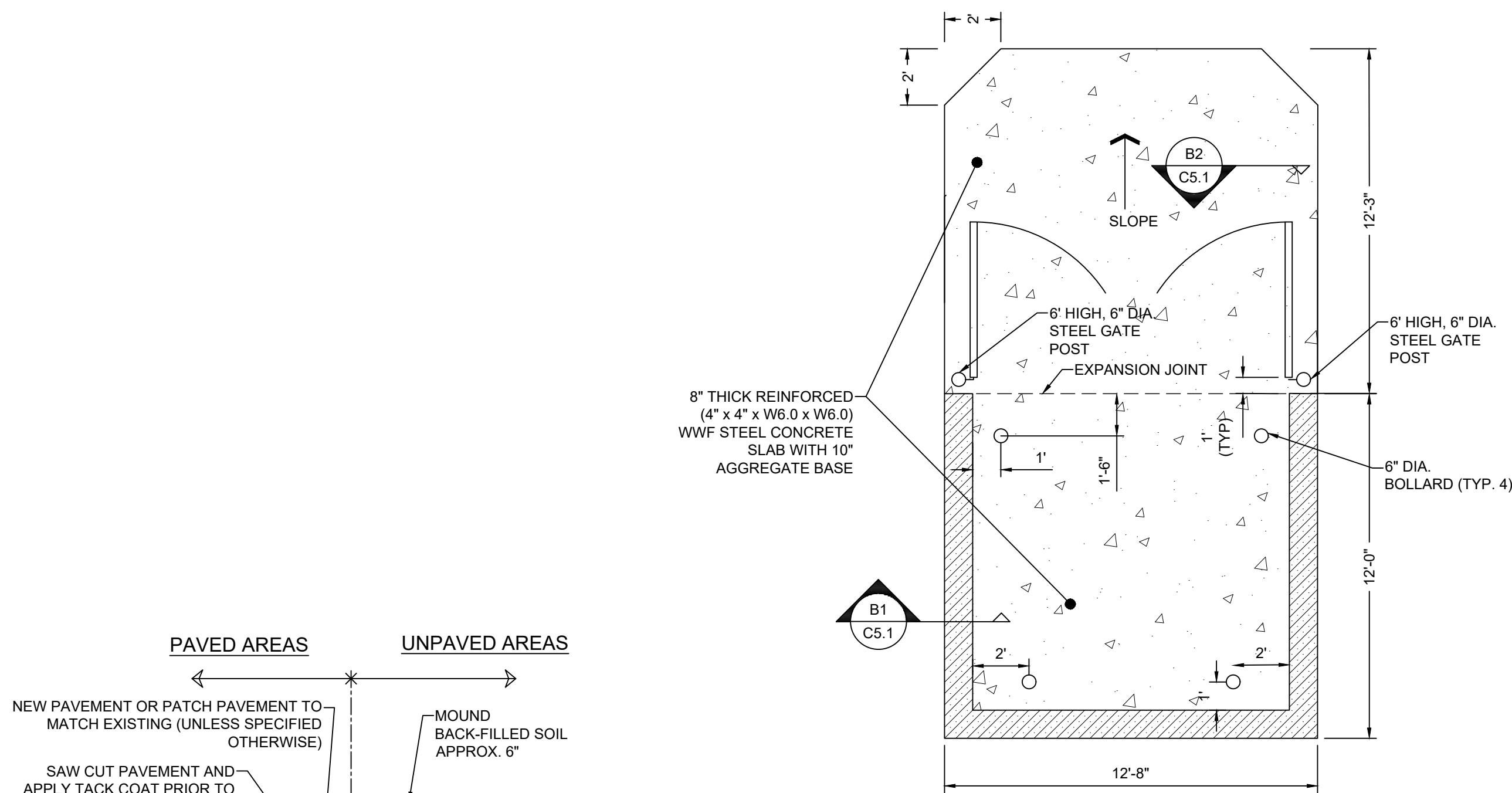
REVISIONS		DATE	DESCRIPTION
		ISSUE FOR BIDS	
No.	A	04-25-2022	

Project No.: 021-01869-00  
Project Manager: M. ALFIERI  
Designed By: M. SAMIEC  
Drawn By: B. SALAZAR  
Checked By: C. HARTMAN  
Store No.: A-765  
Address: 601 WOODMAN DRIVE  
RIVERSIDE, OHIO 45404

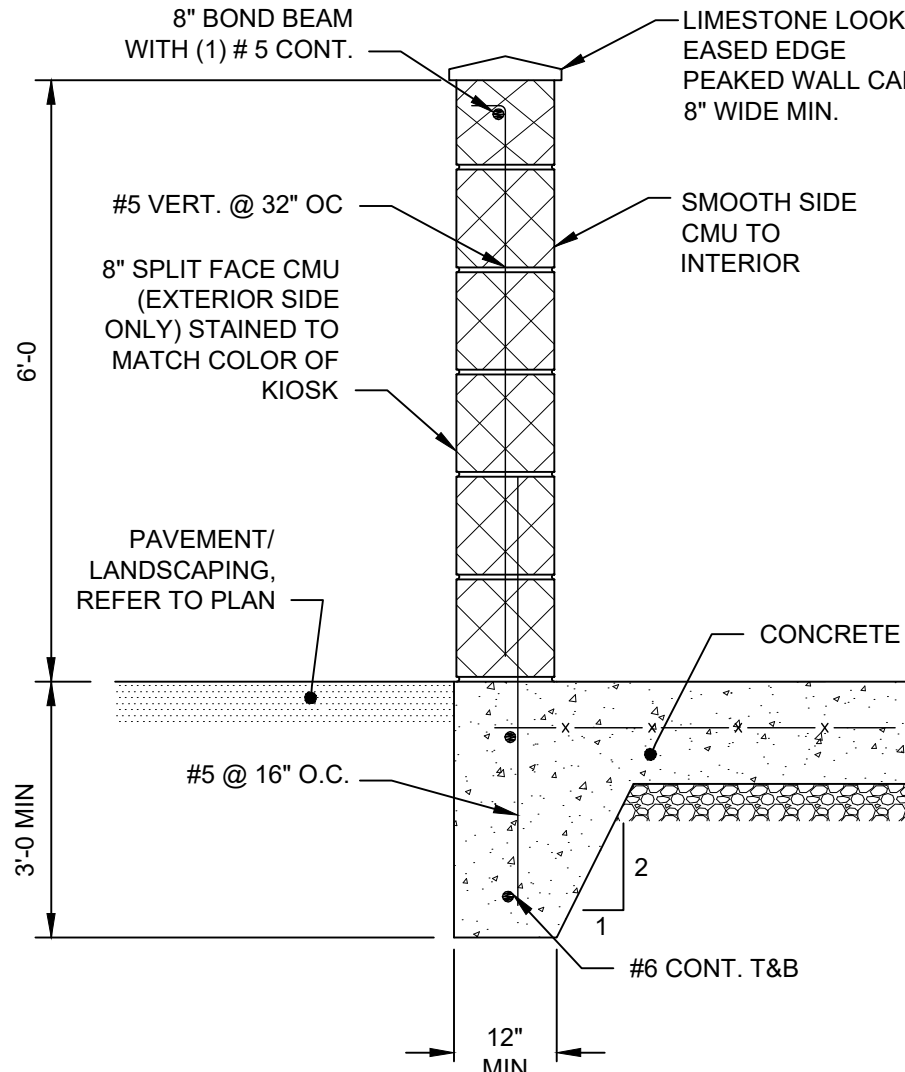
COLOR ELEVATION & SIGNAGE DETAILS

Drawing No.: C2.1

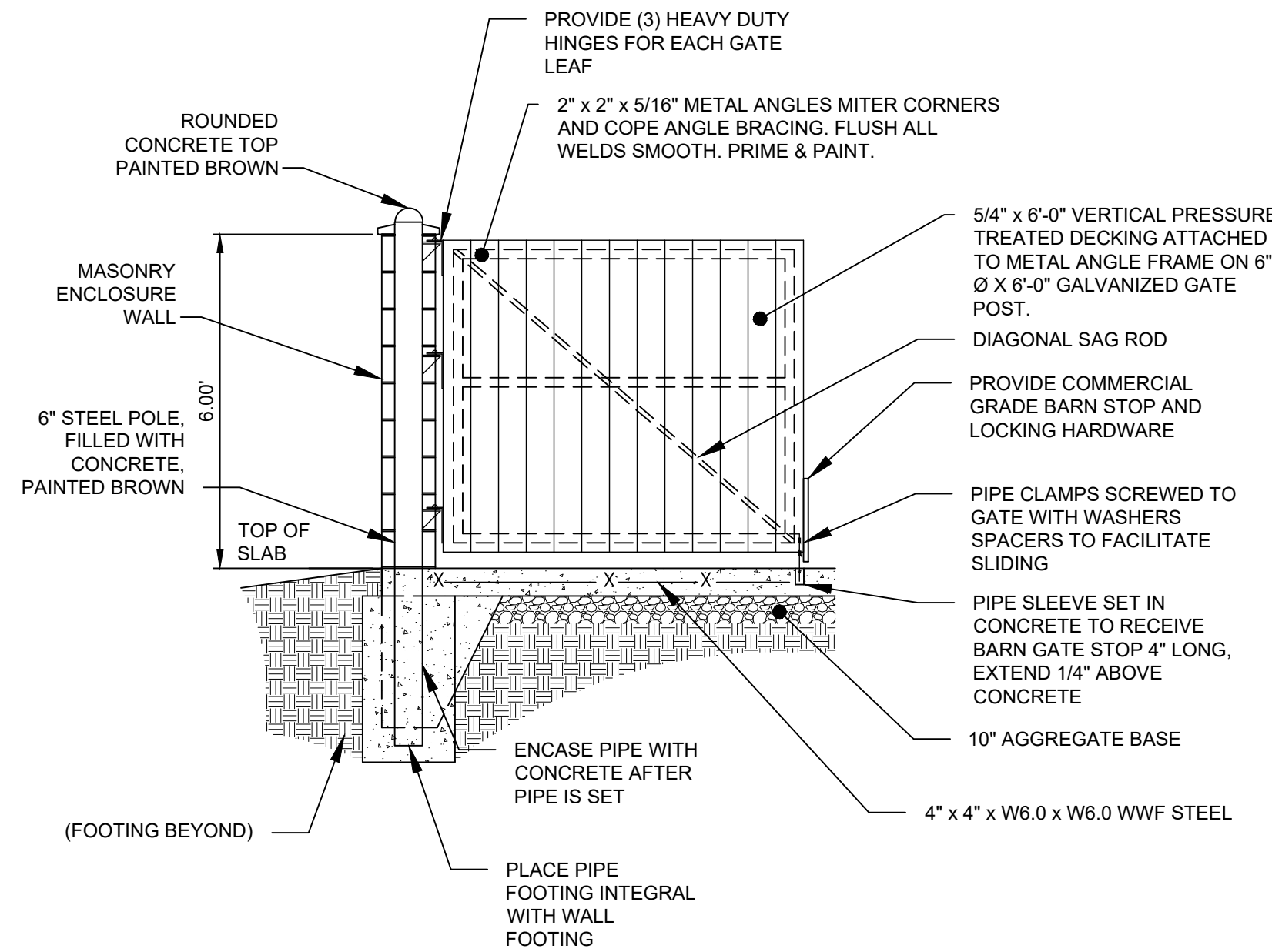




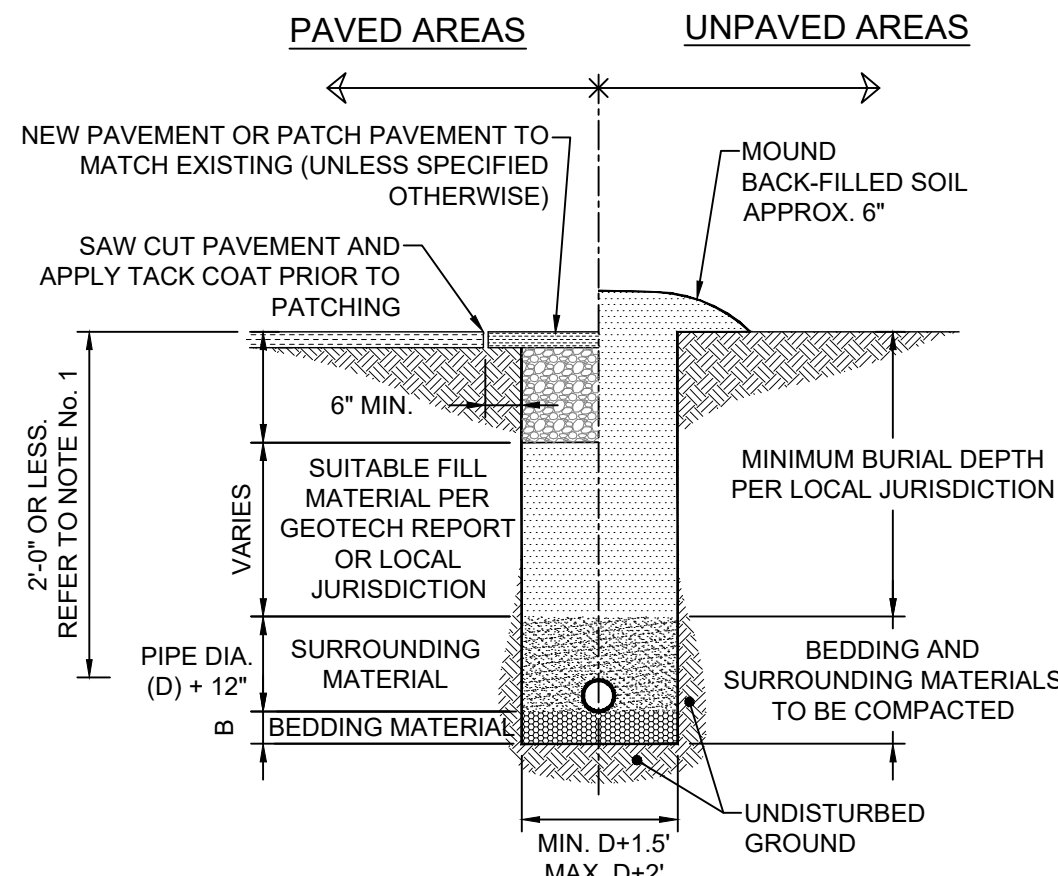
**A DUMPSTER ENCLOSURE**  
SCALE: NTS



**B1 MASONRY WALL DETAIL**  
SCALE: NTS



**B2 DUMPSTER ENCLOSURE GATE DETAIL**  
SCALE: NTS



RECOMMENDED FILL MATERIALS			
TYPE OF PIPE	SURROUNDING MATERIAL TYPE	B-DIMENSION	BEDDING MATERIAL TYPE
DUCTILE IRON PIPE	"A", "B", OR "C"	3"	SAND OR "C"
RCP PIPE	"B" OR "C"	3"	SAND OR "C"
ALL PIPE OVER BEDROCK OR LEDGE	"B" OR "C"	6"	SAND OR "C"
RCP PIPE IN CLAY	"B" OR "C"	6"	SAND
PLASTIC-ALL	"C"	6"	SAND OR "C"

\*"RECOMMENDED FILL MATERIALS" ARE MINIMUM REQUIREMENTS. CONTRACTOR SHALL ENSURE COMPLIANCE WITH LOCAL JURISDICTION AND/OR THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.

#### MATERIAL TYPES:

"A": GRAVEL OR EXCAVATED MATERIAL WHICH HAS NO STONES GREATER THAN 1.5" DIAMETER.

"B": STONE WITH 100% PASSING 1.5" SQUARE SIEVE, A MAXIMUM OF 25% PASSING A 3/4" SQUARE SIEVE AND A MAXIMUM 5% PASSING A 1/2" SQUARE SIEVE, PEA GRAVEL, BANK RUN, OR RUN OF BANK.

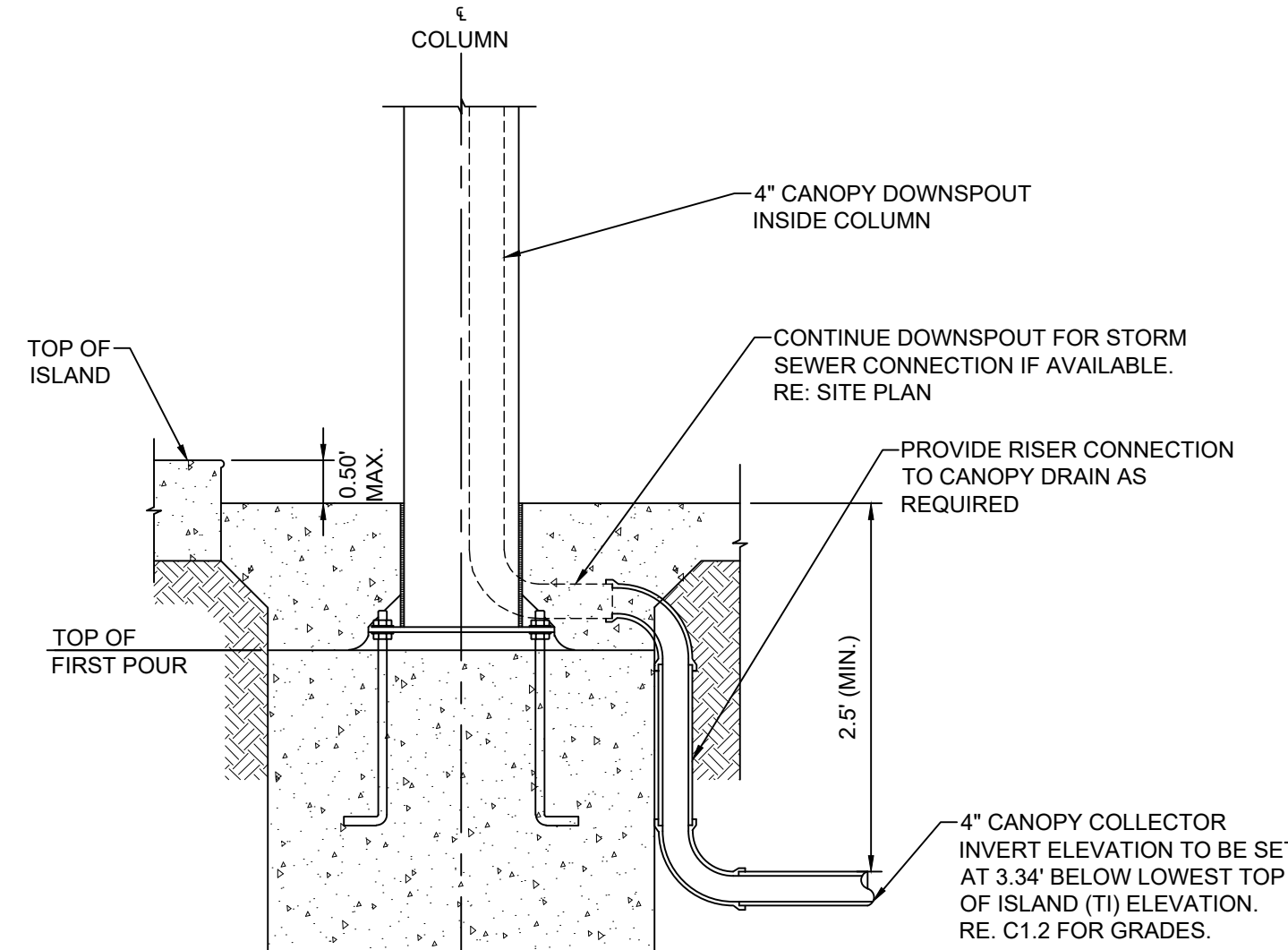
"C": CRUSHED STONE WITH 100% PASSING A 1" SQUARE SIEVE AND 0-5% PASSING A 1/4" SQUARE SIEVE, PEA GRAVEL, OR OTHER NATURAL FREE DRAINING STONE MATERIAL WITH LESS THAN 10% P200 (PASSING NO. 200 SIEVE).

#### NOTES:

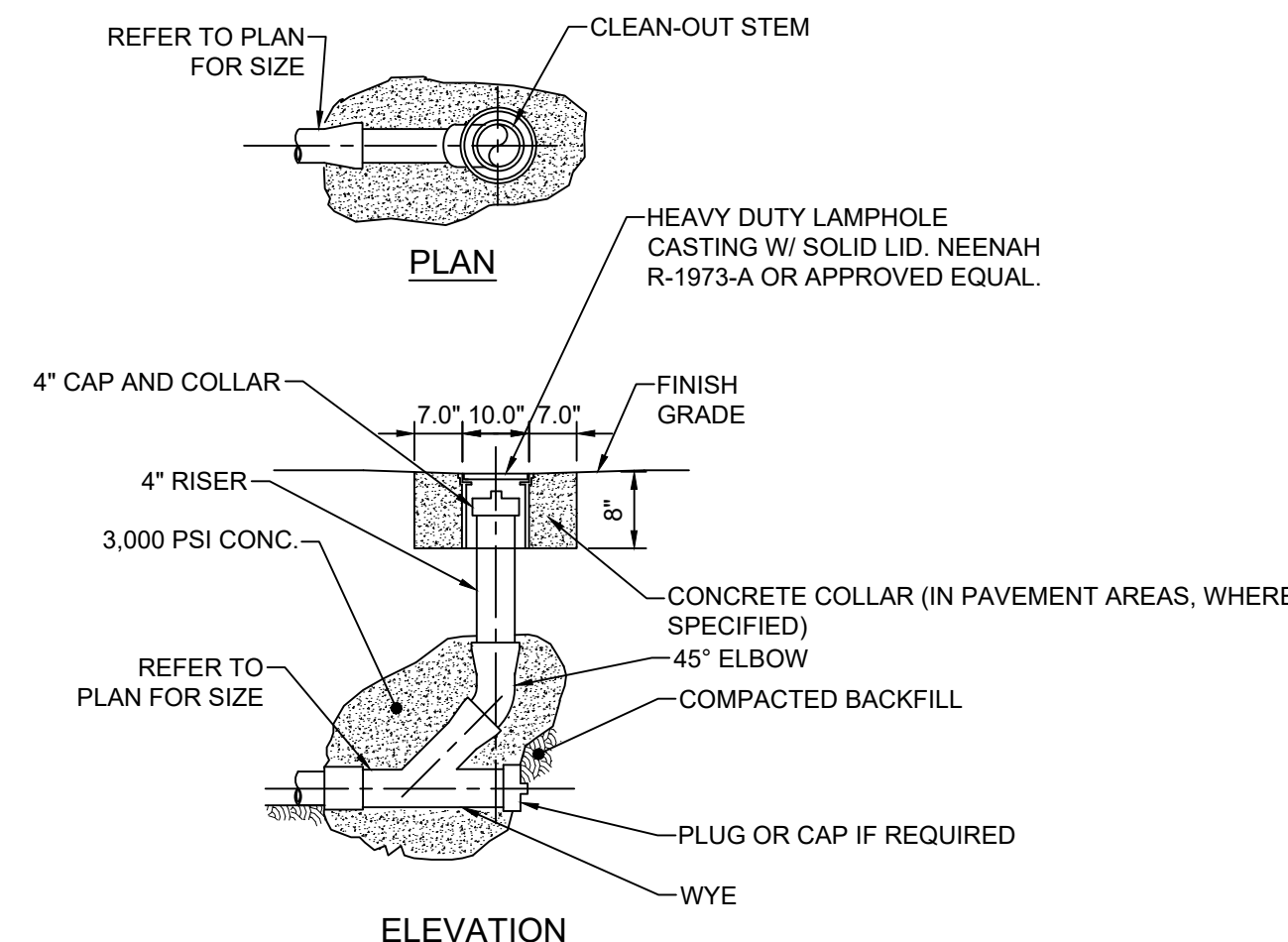
- THE SURROUNDING MATERIAL MUST BE INSTALLED TO THE PAVEMENT BASE ELEVATION IF THERE IS LESS THAN 2'-0" OF FILL OVER THE PIPE.
- COMPACT ALL BACK FILL UNDERNEATH, AROUND AND ABOVE PROPOSED PIPES TO 95% STANDARD PROCTOR IN PAVED AND STRUCTURAL AREAS, 90% STANDARD PROCTOR IN UNPAVED OR NON-STRUCTURAL AREAS. THE UPPER 12" OF TRENCH BACKFILL MATERIAL IN PAVED/STRUCTURAL AREAS MUST BE COMPACTED TO 98% STANDARD PROCTOR (ASTM-698).
- WHERE A PIPE HAS A SLOPE GREATER THAN OR EQUAL TO 4% OR WHERE GROUNDWATER IS PRESENT, CLAY DAMS SHALL BE INSTALLED AROUND THE PIPE EVERY 100' TO PREVENT WASHOUT AROUND THE PIPE.
- ALL SUITABLE FILL SHOULD NOT CONTAIN STONES GREATER THAN 4" IN DIAMETER, FROZEN LUMPS, AND SHALL CONTAIN A MINIMAL AMOUNT OF ORGANIC MATERIALS (LESS THAN 3%).
- MATERIAL IS TO BE PLACED AT NO MORE THAN 8" INTERVALS AND COMPACTED BEFORE PLACING NEXT LAYER.

#### TRENCH DETAIL

SCALE: NTS



**C COLUMN DRAIN CONNECTION**  
SCALE: NTS



**D CLEANOUT DETAIL**  
SCALE: NTS

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Seal

#### REVISIONS

No.	DESCRIPTION	DATE
A	ISSUE FOR BIDS	04-25-2022

Project No.:	021-01869-00
Project Manager:	M. ALFIERI
Designed By:	M. SAMEEC
Drawn By:	B. SALAZAR
Checked By:	C. HARTMAN
Store No.:	A-765

Address: 601 WOODMAN DRIVE  
RIVERSIDE, OHIO 45404

#### SITE SPECIFIC DETAILS

Drawing No.:

**C5.1**





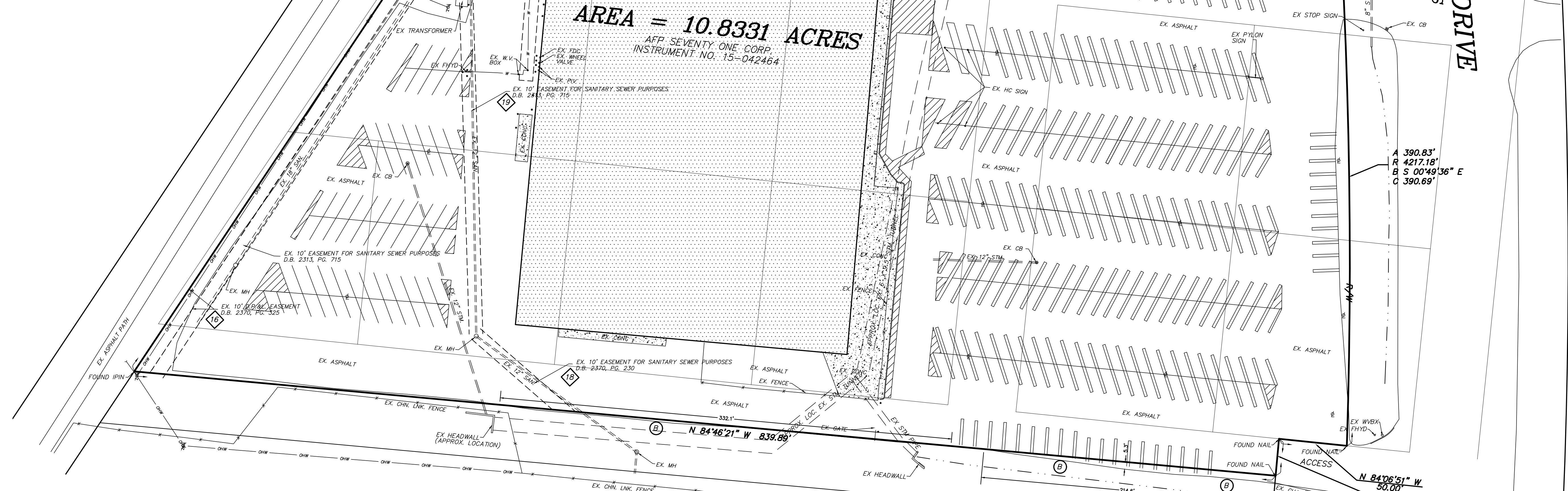
VICINITY MAP  
N.T.S.

**SURVEY NOTES**

- OCCUPATION IN GENERAL FITS SURVEY EXCEPT AS SHOWN. MONUMENTS GENERALLY IN GOOD CONDITION UNLESS NOTED OTHERWISE. SURVEY BASED ON FIELD EVIDENCE AND DEEDS & PLATS OF RECORD NOTED HEREON.
- AT THE TIME OF THIS SURVEY, THERE WAS NO OBSERVED DELINEATION OF WETLAND MARKERS ON THE SUBJECT PROPERTY.
- AT THE TIME OF THE SURVEY THERE WAS NO OBSERVED EVIDENCE OF CHANGES IN STREET RIGHT OF WAYS.
- OBSERVED EVIDENCE OF UTILITIES HAS BEEN SHOWN PURSUANT TO SECTION 5 PARAGRAPH E (iv) OF THE ALTA/NSPS MINIMUM STANDARD DETAIL REQUIREMENTS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.
- POSSIBLE ENCROACHMENTS WERE OBSERVED ON THE SUBJECT PROPERTY AND ARE LISTED BELOW
  - BUILDING ENCROACHMENT ONTO SUBJECT PROPERTY
  - ASPHALT PAVEMENT FROM SUBJECT PROPERTY ONTO ADJACENT PROPERTY
  - VACUUM ISLANDS ONTO SUBJECT PROPERTY.
- THE PROPERTY HAS DIRECT ACCESS TO WOODMAN DR. & BURKHARDT RD, BOTH DEDICATED RIGHTS OF WAY.

**LEGEND**

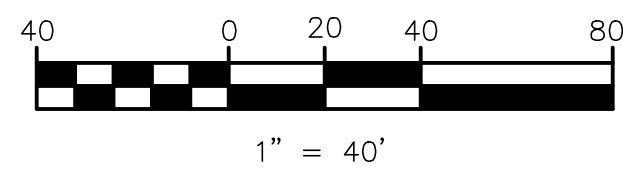
- |       |  |
|-------|--|
| GRX   | INDICATES EX. GAS VALVE BOX              |
| D.C.  | INDICATES DEPRESSED CURB                 |
| •     | INDICATES METAL POST                     |
| I.PIN | INDICATES EX. IRON PIN                   |
| ○     | INDICATES EX. TELEPHONE POLE             |
| ○     | INDICATES EX. LIGHT POLE                 |
| ○     | INDICATES TELE. CABLE AND ELEC. POLE     |
| ○     | INDICATES TELEPHONE AND ELECTRIC POLE    |
| ○     | INDICATES GUY POLE                       |
| ○     | INDICATES EX. GUY WIRE                   |
| ○     | INDICATES EX. SINGLE GRATE INLET         |
| ○     | INDICATES EX. INLET (2"x2")              |
| ○     | INDICATES EX. FIRE HYDRANT               |
| ○     | INDICATES EX. WATER VALVE BOX            |
| ○     | INDICATES EX. WATER METER BOX            |
| ○     | INDICATES EX. FIRE DEPARTMENT CONNECTION |
| ○     | INDICATES EX. POST INDICATOR VALVE       |
| ○     | INDICATES EX. OVERHEAD WIRE              |
| ○     | INDICATES EX. PAVEMENT STRIPING          |
| ○     | INDICATES GUARD RAIL                     |
| R/W   | INDICATES RIGHT OF WAY                   |
| CB    | INDICATES EX. CATCH BASIN                |
| MH    | INDICATES EX. MANHOLE                    |



**UNDERGROUND UTILITIES**  
2 WORKING DAYS  
BEFORE YOU DIG  
PHONE: 1-800-362-2764  
OHIO UTILITIES PROTECTION SERVICE  
NON-MEMBERS MUST BE CALLED DIRECTLY

The utility information shown on this plat, prepared by Thomas Graham Associates, Inc., was obtained from existing records. It is the contractor's responsibility to verify their existence and location, and to contact the appropriate utility company for field locations.

**GRAPHIC SCALE**



THOMAS  
GRAHAM  
ASSOCIATES, INC.

• Engineers

• Surveyors

803 Compton Road  
Cincinnati, Ohio 45231  
513-521-4760  
Fax # 521-2439

Date: JAN. 19, 2020

Scale: 1" = 40'

Job No: 8249

Revisions

No. Date

**FLOOD INFORMATION**

PROPERTY SURVEYED IS LOCATED WITHIN ZONE X  
ZONE X - AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN  
PER FEMA MAP NUMBER 39113C0188E  
MAP REVISED JANUARY 6, 2005

**BASIS OF BEARINGS**

North based on NAD 83, Ohio State Plane Coordinate System, South Zone.

FIDELITY NATIONAL TITLE INSURANCE COMPANY

COMMITMENT NO.: 20-10-00203

COMMITMENT DATE: NOVEMBER 13, 2020

SCHEDULE C

LEGAL DESCRIPTION

The Land is described as follows:

THE LEGAL DESCRIPTION IS INADEQUATE FOR TRANSFER AND AN ACCEPTABLE NEW DESCRIPTION AND SURVEY MUST BE PRESENTED TO THE MONTGOMERY COUNTY AUDITOR PRIOR TO RECORDING.

Situate in Mad River Township, County of Montgomery and State of Ohio and being part of lot numbers 4, 5, 6, 7 and 10 and all of lots numbers 11 thru 25 inclusive together with part of vacated Everglade Avenue, and all of vacated Sunbury and vacated Narcissus Avenue as shown on the Layman-Byers Plat as recorded on Plat Book "N", Page 72 on the Plat Records of said County, and being more particularly described as follows:  
Beginning at an iron pin at the intersection of the south line of Narcissus Avenue with the east right-of-way line of the B&O Railroad (Ranton Division); Thence N 32° 22' 08" E with the west line of lot nos. 25, 24, 20 and 19 and with the northeast extension of lot No. 24 to the southwest corner of lot No. 20, and with the east right-of-way line of the B&O Railroad (Ranton Division) a distance of 785.10 feet to an iron pin; Thence northeasterly with the west line of lot no. 19 and with the east right-of-way line of said railroad along the arc of a regular curve to the left having a radius of 1457.69 feet a distance of 143.98 feet to an iron pin at the northwest corner of lot no. 19; Thence S 85° 07' 52" E with the north line of lot numbers 19 and 18 and with the eastward extension of the north line of lot no. 18 a distance of 176.00 feet to an iron pin; Thence S 4° 13' 43" W a distance of 200.00 feet to an iron pin; Thence S 85° 07' 52" E a distance of 208.22 feet to an iron pin in the west right-of-way line of Woodman Drive; Thence S 4° 35' 49" E, with said west right-of-way line 204.74 feet to an iron pin; Thence southeasterly along the arc of a regular curve to the right having a radius 4217.18 feet a distance of 390.73 feet to an iron pin at the intersection of the west right-of-way line of Woodman Drive with the south line of lot no. 4; Thence N 85° 06' 22" W with the south line of lot no. 4 a distance of 50.00 feet to a corner; Thence S 4° 15' 45" W a distance of 27.15 feet to the south line of Narcissus Avenue; Thence N 85° 44' 15" W with the south line of said Narcissus Avenue 837.37 feet to the place of beginning, containing 10.889 acres, more or less.

**THE PROPERTY SURVEYED IS ALSO DESCRIBED AS FOLLOWS**

Land situated in the City of Riverside (formerly Mad River Township), County of Montgomery, State of Ohio and being a part of Section 2, Township 2, Range 7 of the Between the Miami River Survey and being part of Lots 4, 5, 6, 7, and 10 and all of Lots 11 through 25 inclusive together with part of vacated Everglade Avenue, and all of vacated Sunbury and vacated Narcissus Avenue as shown the Layman and Byers Plat as recorded in Plat Book N, Page 72, records of Montgomery County, and being the same as described in deed to AFP Seventy One Corp. recorded in File No. 2015-00042464, records of Montgomery County, described as follows:

BEGINNING at a 5/8-inch iron rod with cap labeled "BLEDSOE S-8540 OH" found at the northwest corner of Lot 19 as shown on said Layman and Byers Plat as recorded in Plat Book N, Page 72;

THENCE South 84°08'21" East, along the southerly right-of-way of Burkhardt Road (a 70-foot-wide public right-of-way), a distance of 176.00 feet to a 5/8-inch iron rod found;

THENCE South 05°13'14" West, along the westerly line of land described in deed to Giant Dayton, LLC in File No. 2007-00103902 a distance of 200.00 feet to a mag nail found;

THENCE South 84°08'21" East, along the southerly line of said Giant Dayton, LLC, a distance of 208.93 feet to a mag nail found;

THENCE South 03°28'54" East, along the westerly right-of-way of Woodman Drive (a variable-width public right-of-way), a distance of 204.74 feet to a mag nail set;

THENCE along the westerly right-of-way of said Woodman Drive, along a curve to the right, having a radius of 4,217.18 feet, through a central angle of 57°36', an arc distance of 390.83 feet, said curve having a chord which bears South 00°49'36" East a distance of 390.69 feet to a mag nail found;

THENCE North 84°06'51" West, along the northerly right-of-way of said Woodman Drive, a distance of 50.00 feet to a mag nail found;

THENCE South 05°15'16" West, along the westerly right-of-way of said Woodman Drive, a distance of 27.15 feet to a mag nail found;

THENCE North 84°46'21" West, along the northerly line of land described in deed to The County of Montgomery, Ohio recorded in Deed Book 2244, Page 175, a distance of 839.89 feet to a 3/4-inch iron spindle found;

THENCE North 33°41'24" East, along the southeasterly line of land described in deed to Five Rivers Metro Parks recorded in DMF 99-1771 A12, a distance of 785.10 feet to a mag nail found;

THENCE along the southeasterly line of said Five Rivers Metro Parks, along a curve to the left, having a radius of 1,457.69 feet, through a central angle of 53°41', an arc distance of 144.04 feet, said curve having a chord which bears North 29°14'32" East a distance of 143.98 feet to the 5/8-inch iron rod with cap labeled "BLEDSOE S-8540 OH" found at the POINT OF BEGINNING and containing 10.8331 acres or 471,891 square feet of land, more or less, but subject to all legal highways and easements of record as determined by a survey performed by David W. Grant, Ohio Professional Surveyor No. 8460, for and on behalf of North Coast Geomatics in January of 2020.

FIDELITY NATIONAL TITLE INSURANCE COMPANY

COMMITMENT NO.: 20-10-00203

COMMITMENT DATE: NOVEMBER 13, 2020

SCHEDULE B, PART II

EXCEPTIONS

- Easement in favor of The Dayton Power and Light Company recorded in Instrument No. 81-233 C08, Montgomery County, Ohio Records.
- Easement in favor of The Dayton Power and Light Company recorded in Deed Book 2370, Page 325, Montgomery County, Ohio Records.
- Easement for water main purposes in favor of Board of County Commissioners of Montgomery County, Ohio recorded in Deed Book 2330, Page 531, Montgomery County, Ohio Records.
- Easement for sanitary sewer purposes in favor of Board of County Commissioners of Montgomery County, recorded in Deed Book 2370, Page 230, Montgomery County, Ohio Records.
- Easement for sanitary sewer purposes in favor of Board of County Commissioners of Montgomery County, Ohio recorded in Deed Book 2313, Page 715, Montgomery County, Ohio Records. As affected by Release of Easement recorded in Deed Book 2370, Page 232, Montgomery County, Ohio Records.
- Easement in favor of The Dayton Power and Light Company recorded in Deed Book 2235, Page 608, Montgomery County, Ohio Records.

**CERTIFICATION**

TO: KROGER LIMITED PARTNERSHIP I, AN OHIO LIMITED PARTNERSHIP;  
FIDELITY NATIONAL TITLE INSURANCE COMPANY; MULTI-STATE TITLE AGENCY, LLC

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY TABULATED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 8, 9, 13, 17, 18 & 20 OF TABLE A THEREOF.  
THE FIELD WORK WAS COMPLETED ON DEC. 18, 2020.

Robert W. Trenkamp  
SURVEYOR'S SIGNATURE

6452

REGISTRATION NUMBER

**ALTA/NSPS LAND TITLE SURVEY**

601 WOODMAN DRIVE  
SECTION 22, TOWN 2, RANGE 7 M.R.S.  
CITY OF RIVERSIDE  
MONTGOMERY COUNTY, OHIO



Drawn By: R.J. TRENKAMP

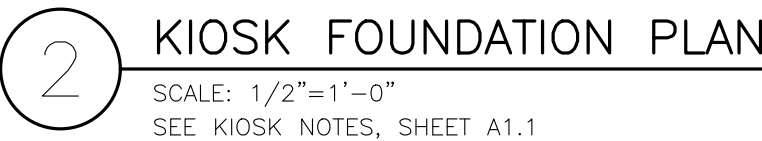
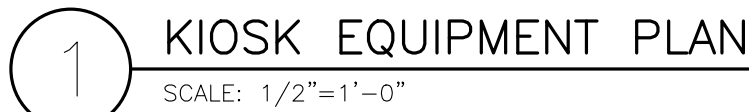
Sheet

of

Job No: 8249-20

ACAD FILENAME: 8249\_kroger\_k-mart\_woodman.DWG





1. CONSTRUCT WITH 3/4" MEDIUM DENSITY PARTICLEBOARD
2. BACK TO BE 1/4" AB GRADE PLYWOOD
3. FINISH EDGES WITH PINE
4. PRIME AND PAINT ENTIRE UNIT SHERWIN WILLIAMS SW6002 "ESSENTIAL GRAY"



## PLUMBING GENERAL NOTES:

1. THE CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE HIMSELF/HERSELF WITH ALL REQUIREMENTS OF THE CONTRACT PRIOR TO SUBMITTING HIS/HER BID. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY CONFLICTS PRIOR TO BID OR START OF INSTALLATION.
2. THE CONTRACTOR SHALL ARRANGE FOR ALL INSPECTIONS WHEN THEY BECOME DUE AND SHALL NOT COVER ANY WORK UNTIL APPROVED BY THE INSPECTION AUTHORITY.
3. THE INFORMATION PRESENTED ON THESE DRAWINGS IS DIAGRAMMATIC IN NATURE. IT DOES NOT NECESSARILY REPRESENT ALL FITTINGS, HANGERS, ETC. REQUIRED FOR A COMPLETE WORKING SYSTEM. PROVIDE ALL MATERIALS AND LABOR FOR COMPLETELY FINISHED AND OPERATIONAL SYSTEMS.
4. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY ALTERATIONS REQUIRED BY THE OWNER OR FIELD CONDITIONS.
5. ALL EQUIPMENT SHALL BE NEW. SHALL COMPLY WITH SPECIFICATIONS ON DRAWINGS, AND SHALL COMPLY WITH ENERGY CONSERVATION CODE REQUIREMENTS AS ADOPTED BY THE STATE, AS WELL AS LOCAL JURISDICTIONAL BUILDING DEPARTMENT.
6. THE CONTRACTOR SHALL PROVIDE PLUMBING EQUIPMENT, FITTINGS, AND TRIM WHERE SPECIFIED OR AS REQUIRED FOR COMPLETE INSTALLATION. THE CONTRACTOR SHALL ROUGH IN AND CONNECT ALL EQUIPMENT INCLUDING EQUIPMENT FURNISHED BY OTHERS.
7. VENTS THRU ROOF SHALL BE INSTALLED A MIN. OF 10 FT FROM OR TERMINATED A MIN. OF 3 FT ABOVE FRESH AIR INTAKES.
8. SHUT-OFF VALVES SHALL BE INSTALLED AT ALL EQUIPMENT WATER SUPPLY CONNECTIONS.
9. THE CONTRACTOR SHALL INSULATE EXPOSED HOT WATER LINES AND LAVATORY DRAIN PER BUILDING DEPARTMENT AND A.D.A. REQUIREMENTS.
10. REFER TO KIOSK MANUFACTURER DRAWINGS FOR STUB-UP LOCATIONS.



## EQUIPMENT LEGEND

ALL EQUIPMENT FURNISHED BY OWNER UNLESS OTHERWISE SPECIFIED

- 4' STORAGE RACK – FURNISHED AND INSTALLED BY G.C.
- CANDY RACK
- CHAIR
- LOTTO MACHINE
- SAFE
- P.O.S. REGISTER
- BACK OFFICE P.O.S. INSTALLED BY OWNER
- TANK MONITOR
- CIGARETTE CARTON MERCHANDISER
- CIGARETTE PACK MERCHANDISER
- 46 C.F. ICE MERCHANDISER
- HABCO/TRUE COOLER AND SHROUD PROVIDED BY OWNER, INSTALLED BY G.C.
- ENERGY/HYDRATION COOLER AND SHROUD PROVIDED BY OWNER, INSTALLED BY G.C.
- 2-A, 20-B-C FIRE EXTINGUISHER BY G.C. QUANTITIES AND LOCATIONS INSTALLED PER LOCAL CODE.
- ANTI-FATIGUE MAT
- DEAL TRAY/MERCHANDISE DRAWER
- PANEL BOARD
- DESK EQUIPMENT RACK – 40 1/2"W x 40 7/8"T x 22"D, WALL MOUNTED
- NOT USED
- 6" PIPE BOLLARD – FURNISHED AND INSTALLED BY G.C. (TYP. 4)
- BULLETIN BOARD – G.C. TO MOUNT ABOVE PEEPHOLE.
- INTERCOM MASTER STATIONING BY G.C.
- CIGARETTE MACHINE SIGN PANELS.
- 3 DRY MERCHANDISERS INSTALLED BY G.C. (REFER TO A1.1)
- 2-A, 20-B-C FIRE EXTINGUISHER IN STEEL CABINET TYP. CONFIRM QUANTITY AND LOCATIONS WITH LOCAL AUTHORITY HAVING JURISDICTION. (STRIKEFIRSTUSA.COM #999CL WITH "ACRYLIC 999" REPLACABLE COVER). CABINET TO BE SUPPLIED BY OWNER AND INSTALLED BY G.C. MOUNT BOTTOM 32" ABOVE PAVING. WHEN INSTALLED WITHIN CLADDING, SHIM BACK OF CABINET TO ALLOW FACE OF CABINET TO BE HELD OUT 2 1/2" FROM FACE OF SURROUNDING COLUMN CLADDING FOR CHAIN BREAK MOUNT. CIVIL ENGINEER MUST VERIFY ACCESSIBILITY. REFER TO A1.1 FOR INTENDED LOCATIONS.
- INTRUSION ALARM KEYPAD
- EMERGENCY 911 CALL BOX MOUNT CENTERLINE AT +48" A.F.G.
- COPPER WATER SERVICE LINE ENTRANCE. PROVIDE 1" THICK CLOSED CELL PIPE INSULATION FROM 1" BELOW FLOOR TO 12" BELOW FROST LEVEL WITH PVC HARD SHELL JACKET. SEE CIVIL AND KIOSK MANUFACTURER'S DRAWINGS.
- BACKFLOW DEVICE, SEE KIOSK MANUFACTURER'S DRAWINGS.
- NOT USED
- FLOOR DRAIN, SEE KIOSK MANUFACTURER'S DRAWINGS.
- CONNECTION TO KIOSK WATER PIPING SEE KIOSK MANUFACTURER'S DRAWINGS.
- GRAB BARS (TYP.) – INSTALLED BY KIOSK MANUFACTURER.
- NOT USED
- INSTANTANEOUS ELECTRIC WATER HEATER – INSTALLED BY KIOSK MANUFACTURER.
- CONNECT TO SANITARY SEWER, SEE CIVIL AND KIOSK MANUFACTURER'S DRAWINGS.
- WATER CLOSET SUPPLIED AND INSTALLED BY KIOSK MANUFACTURER.
- NOT USED
- LAVATORY INSTALLED BY KIOSK MANUFACTURER, SEE KIOSK MANUFACTURER'S DRAWINGS.
- NOT USED
- FROSTPROOF HOSE BIBB BY KIOSK MANUFACTURER, SEE KIOSK MANUFACTURER'S DRAWINGS.
- MOP SINK BY KIOSK MANUFACTURER, SEE KIOSK MANUFACTURER'S DRAWINGS.
- G.C. TO INSTALL OVERHEAD DOOR STOP – GYNN-JOHNSON, 90 SERIES, US22D FINISH, WITH HOLD OPEN AND SEX NUT BOLT – TO RESTRICT DOOR TRAVEL TO APPROXIMATELY 90 DEGREES. MUST MAINTAIN A MINIMUM OF 32" CLEAR FROM ALL HARDWARE FOR INGRESS.
- SPILL CABINET PROVIDED BY OWNER, INSTALLED BY G.C. – FIELD VERIFY EXACT LOCATION WITH OWNER'S P.M.
- SHELF CABINET WITH SHELVES PROVIDED BY OWNER, INSTALLED BY G.C. – SEE SHEET A1.1
- SHELF CABINET WITH NO SHELVES PROVIDED BY OWNER, INSTALLED BY G.C. – SEE SHEET A1.1
- WASTE/WINDSHIELD SERVICE CENTER PROVIDED BY OWNER, INSTALLED BY G.C. – SEE SHEET A1.1
- FIREWOOD CAGE PROVIDED BY OWNER, INSTALLED BY G.C. – SEE SHEET A1.1

G.C. TO VERIFY WITH PROJECT MANAGER  
AND FUEL MANAGER PRIOR TO FINAL  
PLACEMENT OF ALL MERCHANDISER  
EQUIPMENT AND SPILL CABINETS

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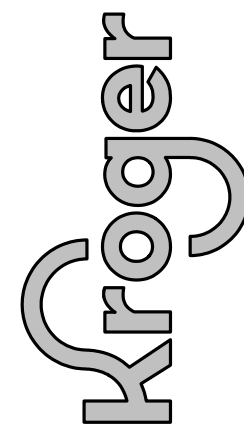
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CONTRACTORS ARE RESPONSIBLE FOR NOTIFYING THE OWNER/ARCHITECTS OF ALL APPLICABLE CODES AND TO INFORM THE OWNERS/ARCHITECTS OF ANY QUESTIONS OR CLARIFICATIONS WHICH ARE DESIRED. CONTRACTORS SHALL ALSO VISIT THE SITE BEFORE BIDDING. CONTRACTORS ARE REQUIRED TO KNOW ALL OBSERVABLE



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**The Kroger Co.**  
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Denver, CO 80239  
Phone: (303) 715-5901  
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[illegible]

Project #:	A-765
Date:	APRIL, 2022
Scale:	FULL
Disk File:	KroA765_A1.0-PLAN
Model:	5(GD) 1RR w/ Floor

CONSTRUCTION &  
FOUNDATION PLANS

Sheet: A1.0

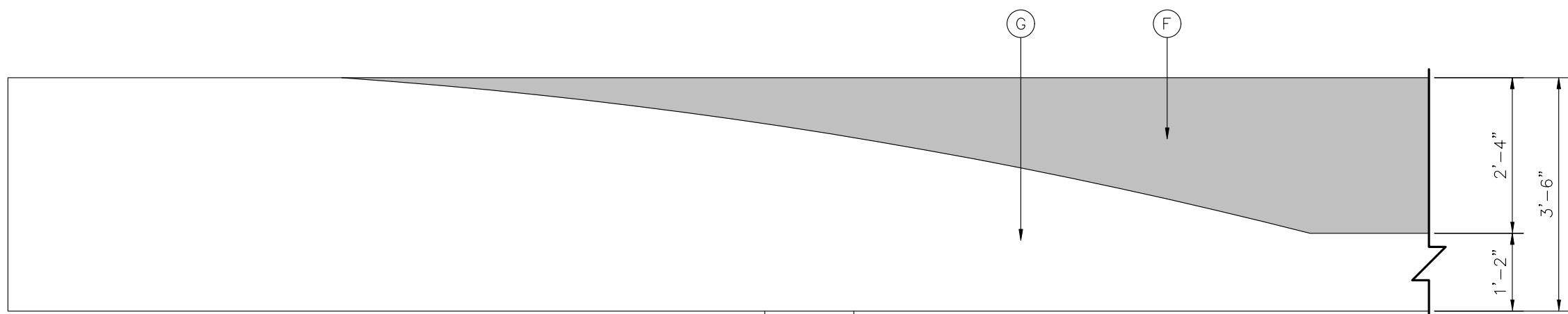




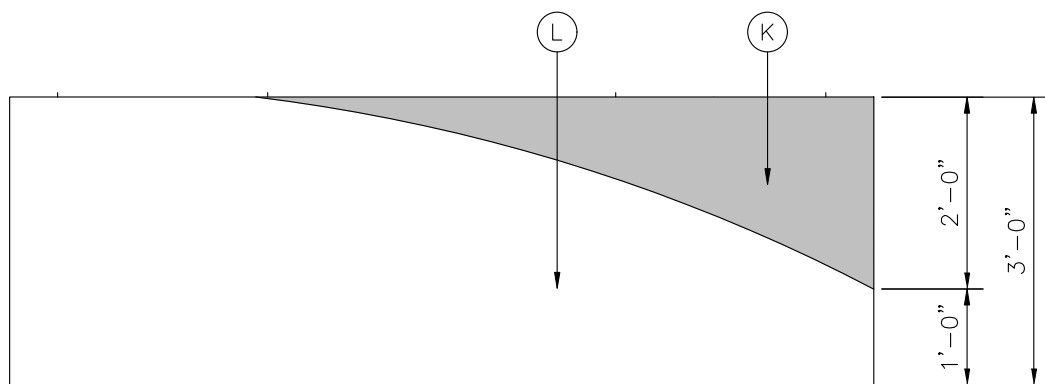
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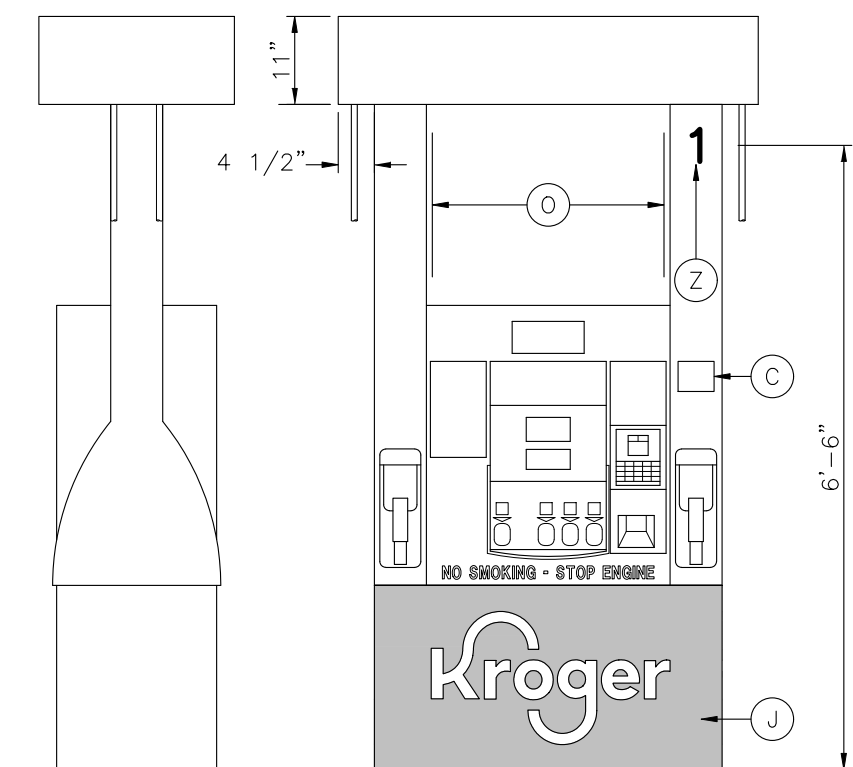
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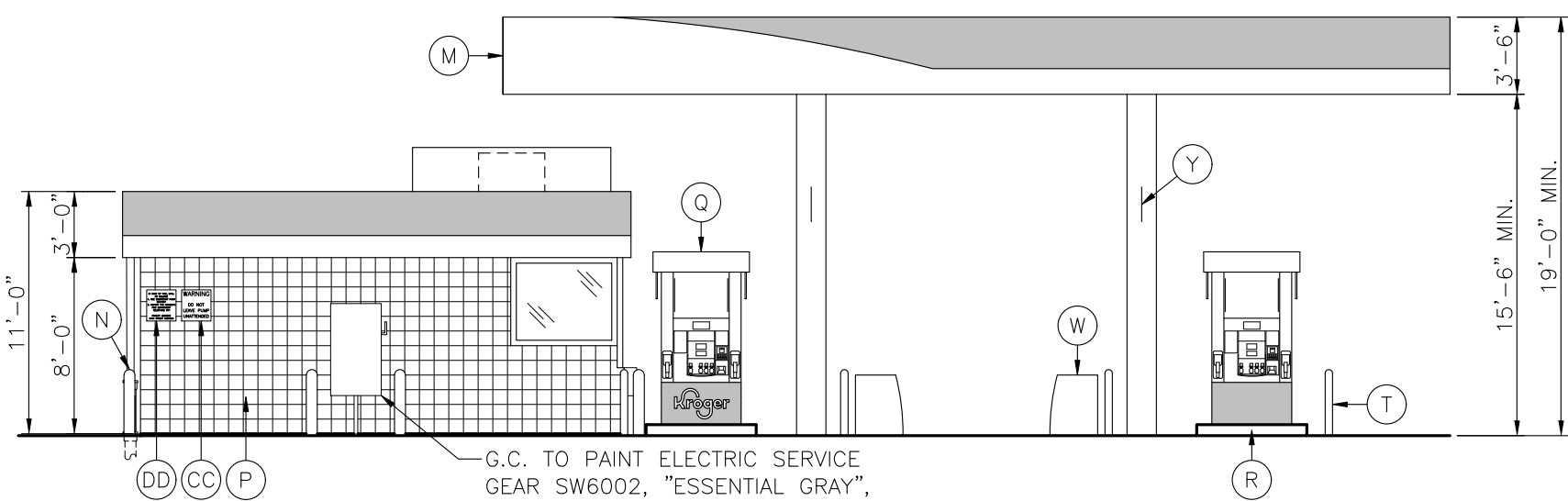
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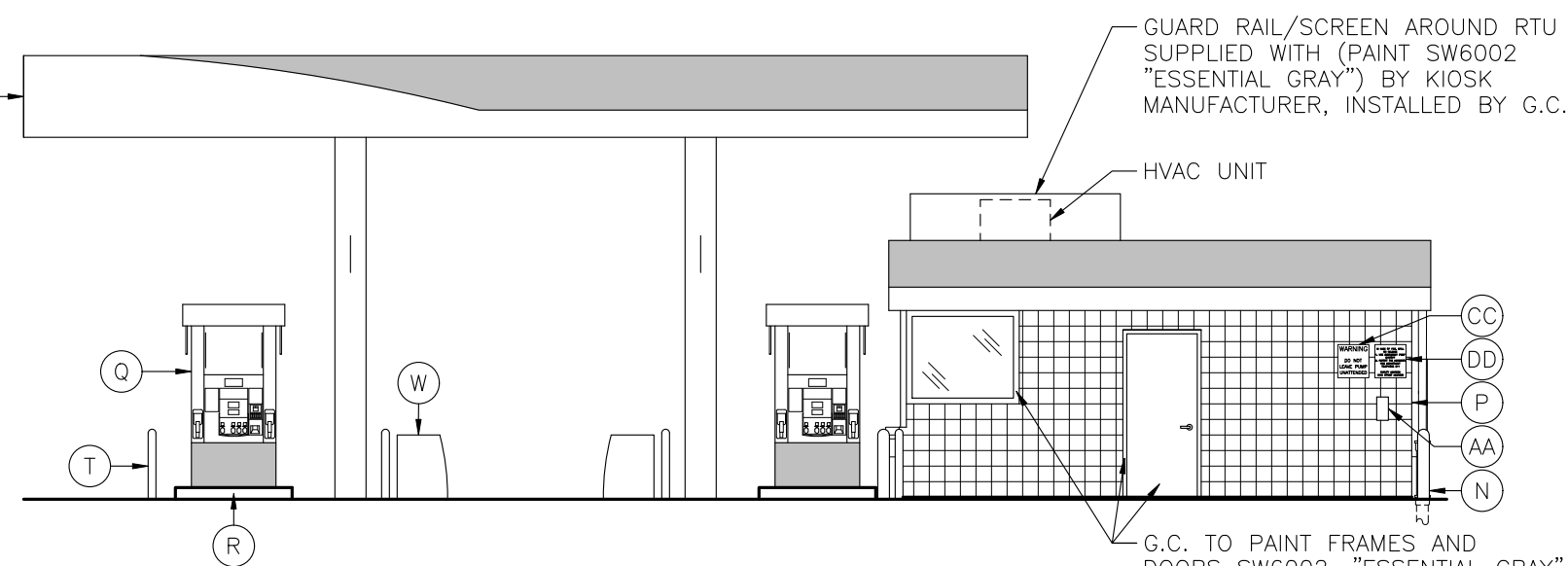
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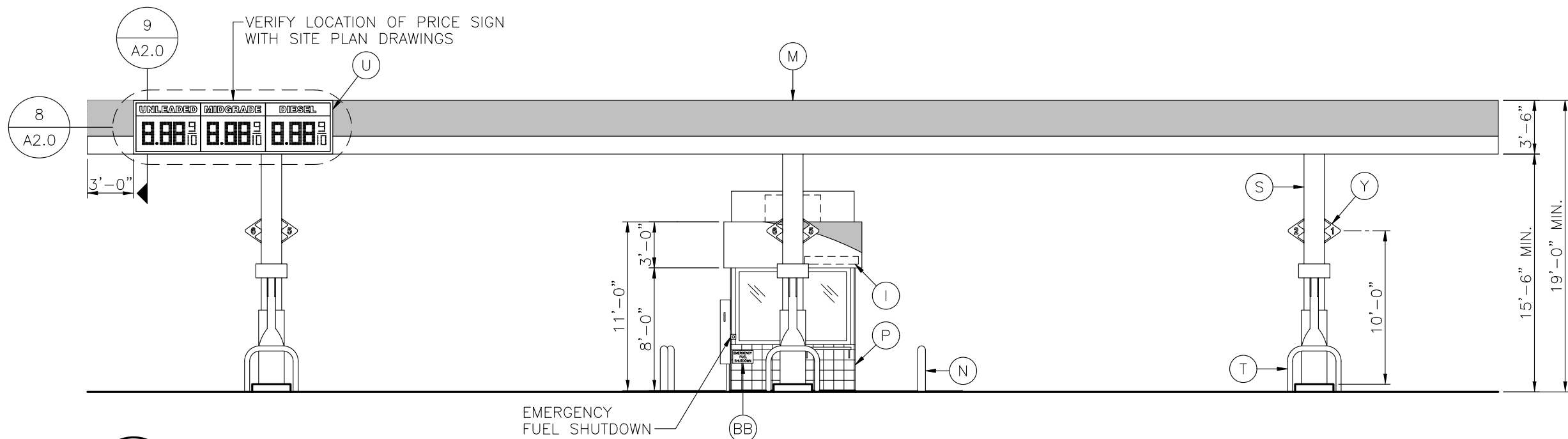
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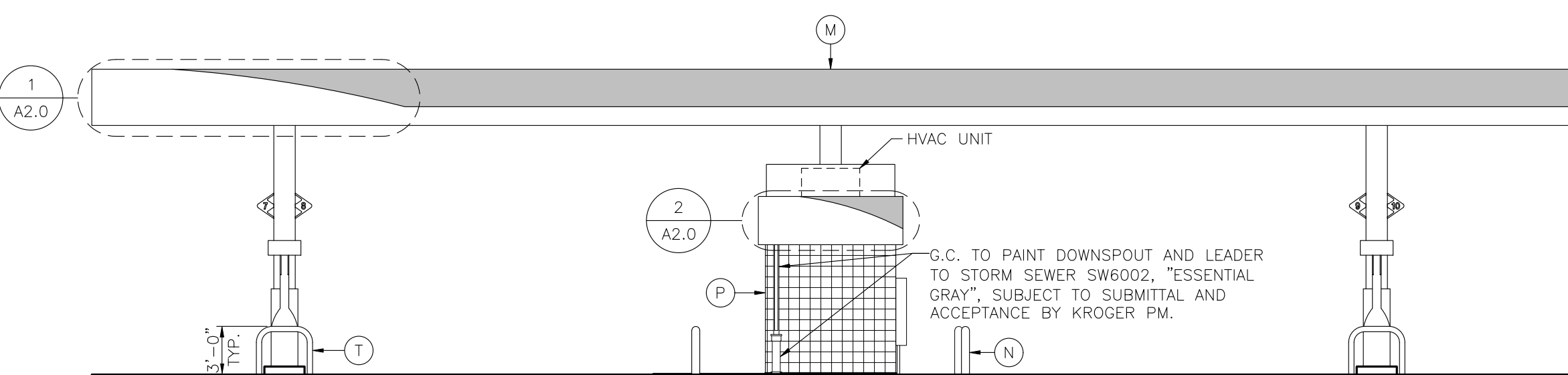
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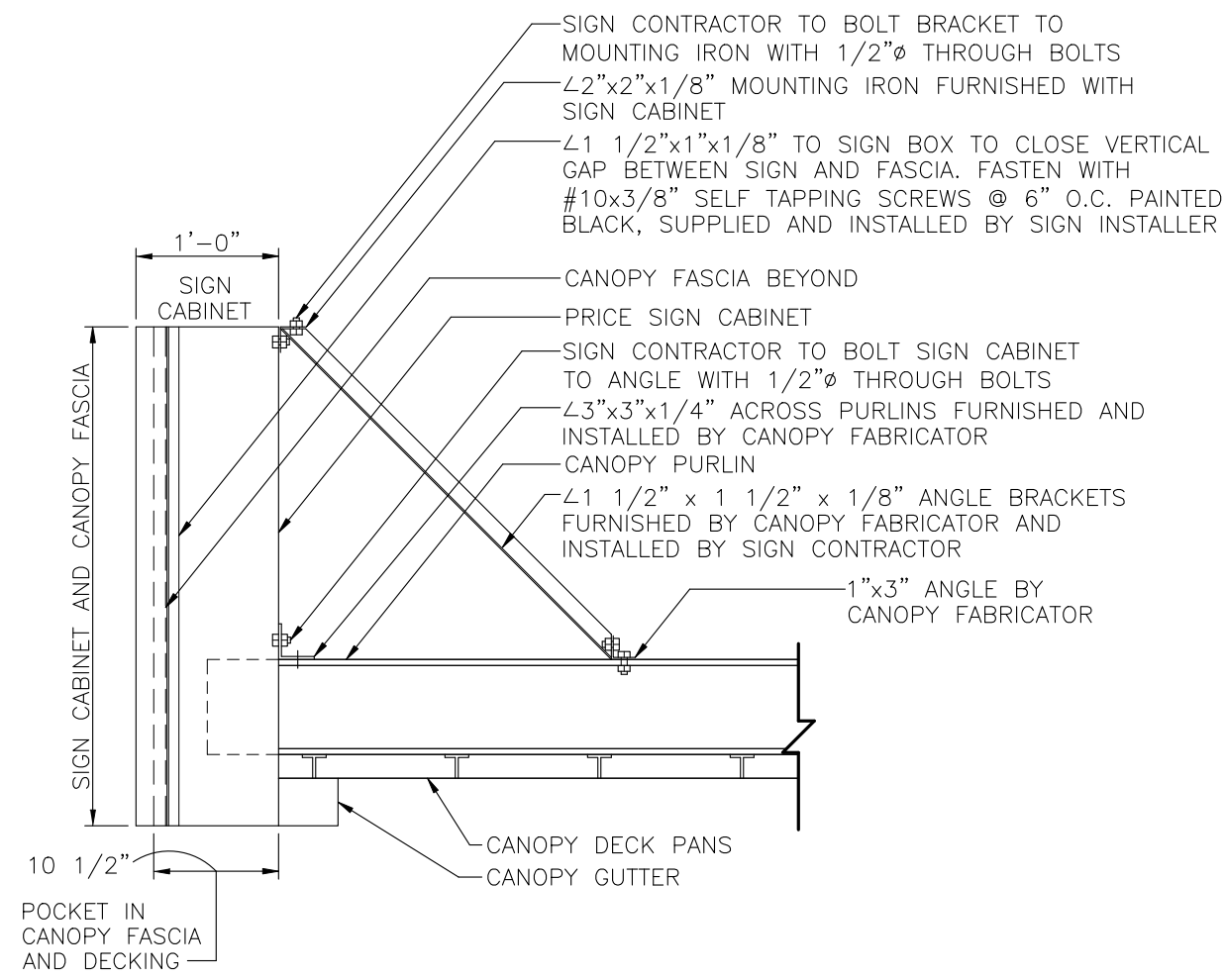
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5 FRONT ELEVATION  
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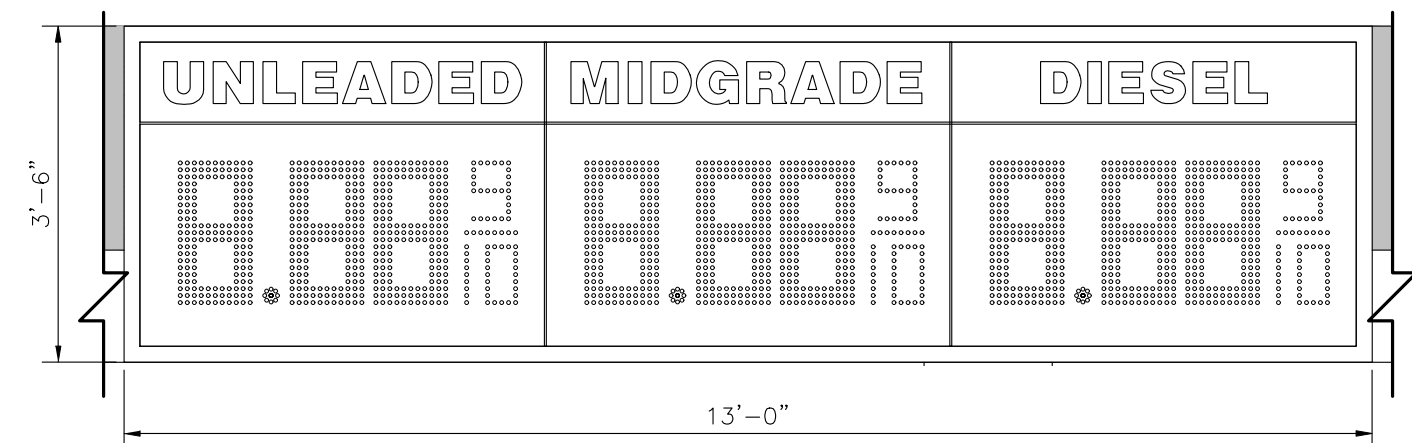
6 REAR ELEVATION  
SCALE: 1/8"=1'-0"



9 SECTION AT CANOPY SIGN  
NOT TO SCALE

## EQUIPMENT SCHEDULE

ITEM	DESCRIPTION	COLOR	MANUFACTURER	MODEL	FURNISHED BY	INSTALLED BY
A	NOT USED					
B	NOT USED					
C	STATIC WARNING DECAL		WAYNE		DISPENSER MANUFACTURER	DISPENSER MANUFACTURER
D	NOT USED					
E	NOT USED					
F	CANOPY FASCIA	RED			CANOPY FABRICATOR	CANOPY FABRICATOR
G	CANOPY FASCIA	PLATINUM			CANOPY FABRICATOR	CANOPY FABRICATOR
H	NOT USED					
I	PRE-CUT BLACK VINYL ADDRESS DECALS PER LOCAL AUTHORITY SPECIFICATIONS, IF REQUIRED				GENERAL CONTRACTOR	GENERAL CONTRACTOR
J	DISPENSER DOOR GRAPHICS	RED WITH WHITE LETTERS	WAYNE		DISPENSER MANUFACTURER	DISPENSER MANUFACTURER
K	KIOSK FASCIA	RED			KIOSK FABRICATOR	KIOSK FABRICATOR
L	KIOSK FASCIA	PLATINUM			KIOSK FABRICATOR	KIOSK FABRICATOR
M	CANOPY				CANOPY FABRICATOR	CANOPY FABRICATOR
N	6" DIAMETER BOLLARD - G.C. TO PAINT	SAFETY RED			GENERAL CONTRACTOR	GENERAL CONTRACTOR
O	HEALTH AND SAFETY DECALS		WAYNE		DISPENSER MANUFACTURER	GENERAL CONTRACTOR
P	KIOSK - PREFABRICATED	ESSENTIAL GRAY SW6002			KIOSK FABRICATOR	GENERAL CONTRACTOR
Q	DISPENSER		WAYNE		OWNER	GENERAL CONTRACTOR
R	ISLAND FORMS		RIVERSIDE		OWNER	GENERAL CONTRACTOR
S	CANOPY COLUMNS - G.C. TO PAINT	ESSENTIAL GRAY SW6002			CANOPY FABRICATOR	CANOPY FABRICATOR
T	U-SHAPED BOLLARD - G.C. TO PAINT, 3'-0" IN HEIGHT	SAFETY RED	OPW		OWNER	GENERAL CONTRACTOR
U	LED PRICE SIGN AND CONTROL ANTENNA, SEE DETAIL 8, THIS SHEET		LANDMARK SIGN ALLIANCE		OWNER	SIGN INSTALLER
V	NOT USED					
W	WASTE RECEPTACLE/WINDSHIELD SERVICE CENTER		DCI MARKETING		OWNER	GENERAL CONTRACTOR
X	NOT USED					
Y	PUMP NUMBER FLAG				CANOPY FABRICATOR	GENERAL CONTRACTOR
Z	4" BLACK VINYL DECAL (DISPENSER NUMBER)				OWNER	GENERAL CONTRACTOR
AA	CALL BOX				OWNER	GENERAL CONTRACTOR
BB	EMERGENCY FUEL SHUTDOWN SIGN		REFER TO A3.1: DETAIL 1		GENERAL CONTRACTOR	GENERAL CONTRACTOR
CC	UNATTENDED WARNING SIGN		REFER TO A3.1: DETAIL 2		GENERAL CONTRACTOR	GENERAL CONTRACTOR
DD	EMERGENCY INSTRUCTION SIGN		REFER TO A3.1: DETAIL 3		GENERAL CONTRACTOR	GENERAL CONTRACTOR

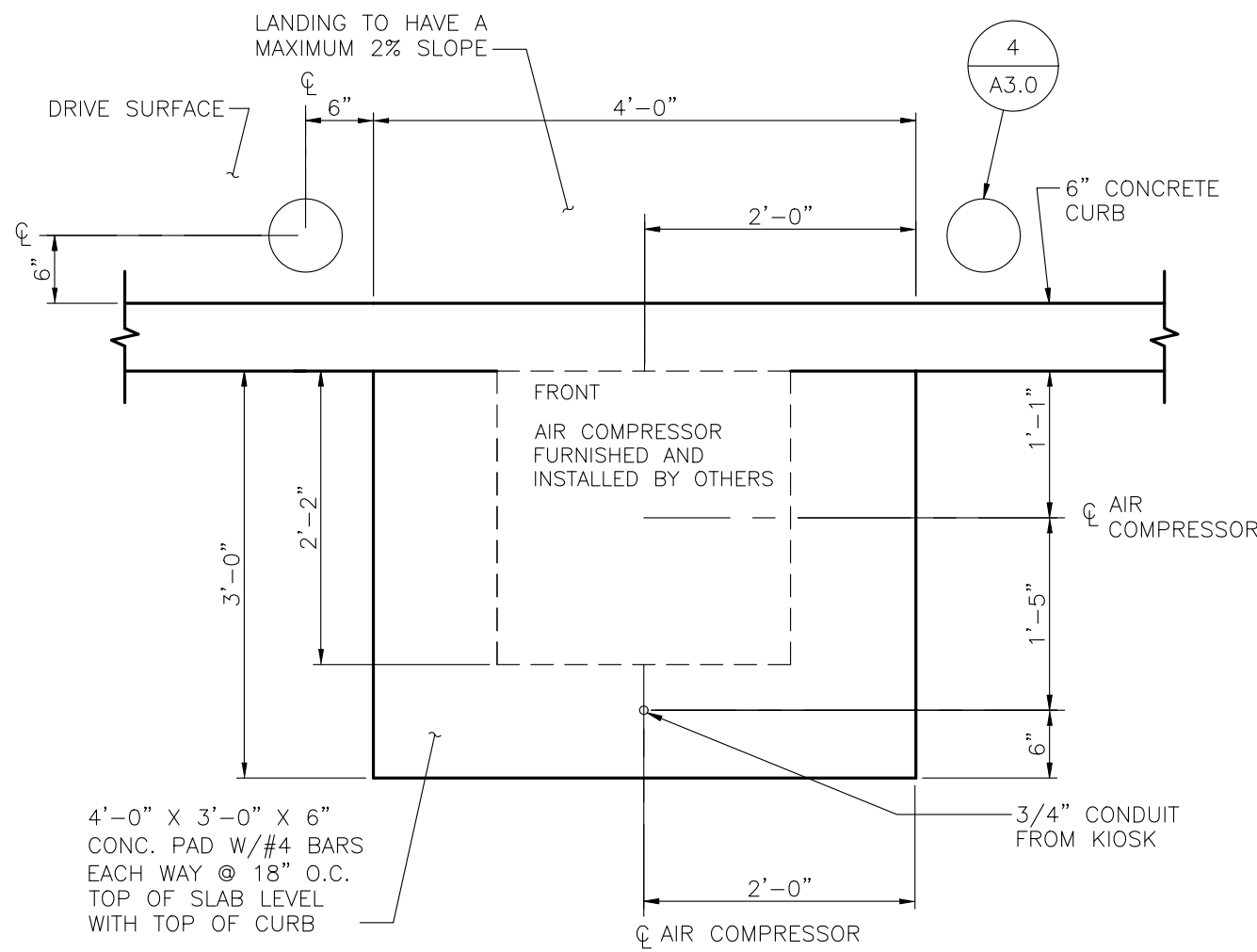


8 CANOPY PRICE SIGN GRAPHICS  
SCALE: 1/2"=1'-0"

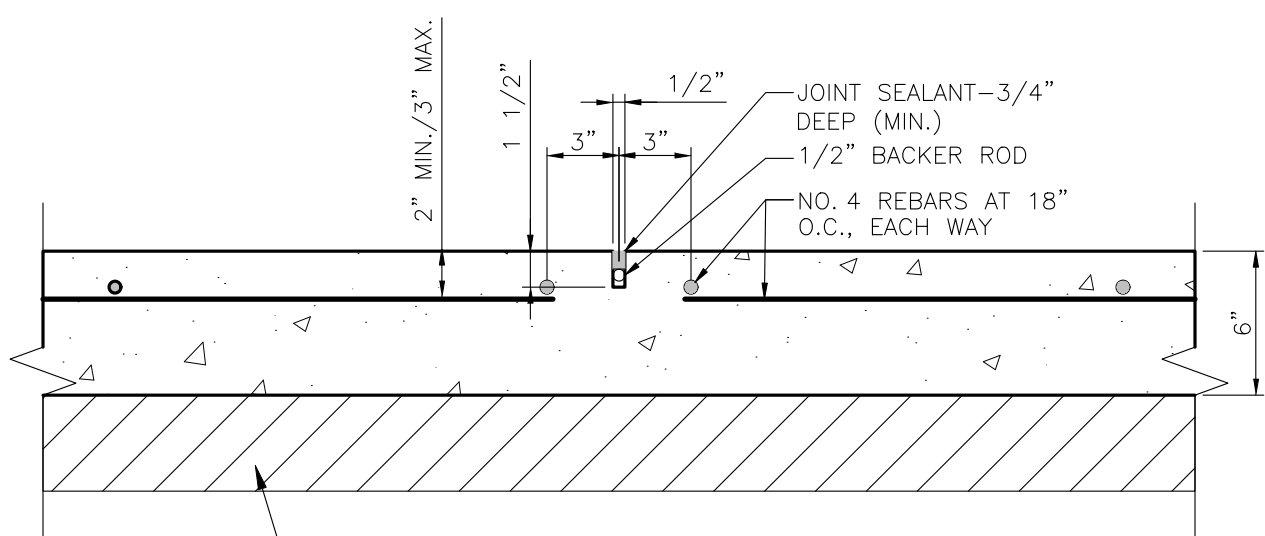
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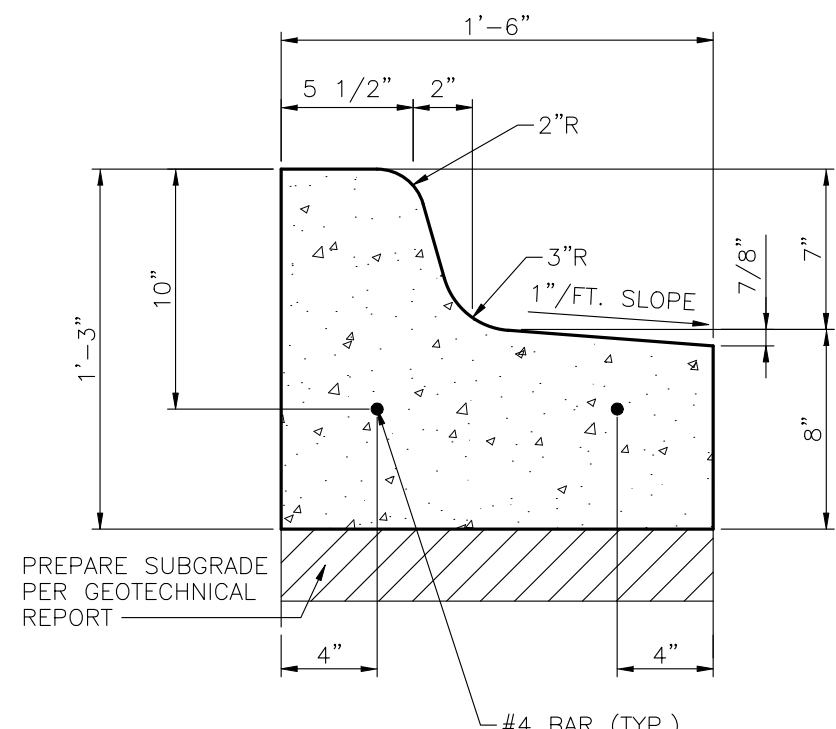
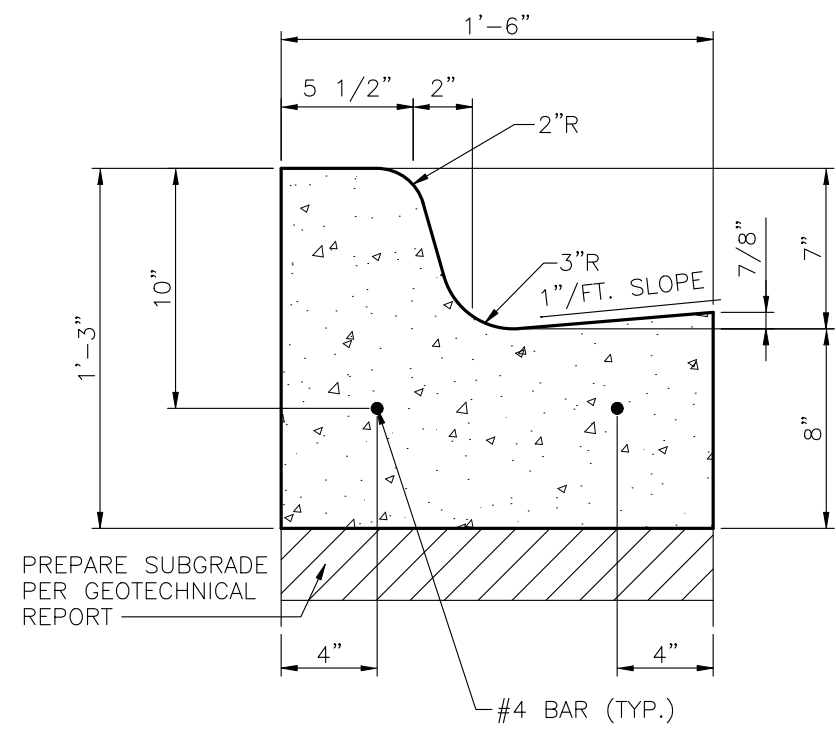
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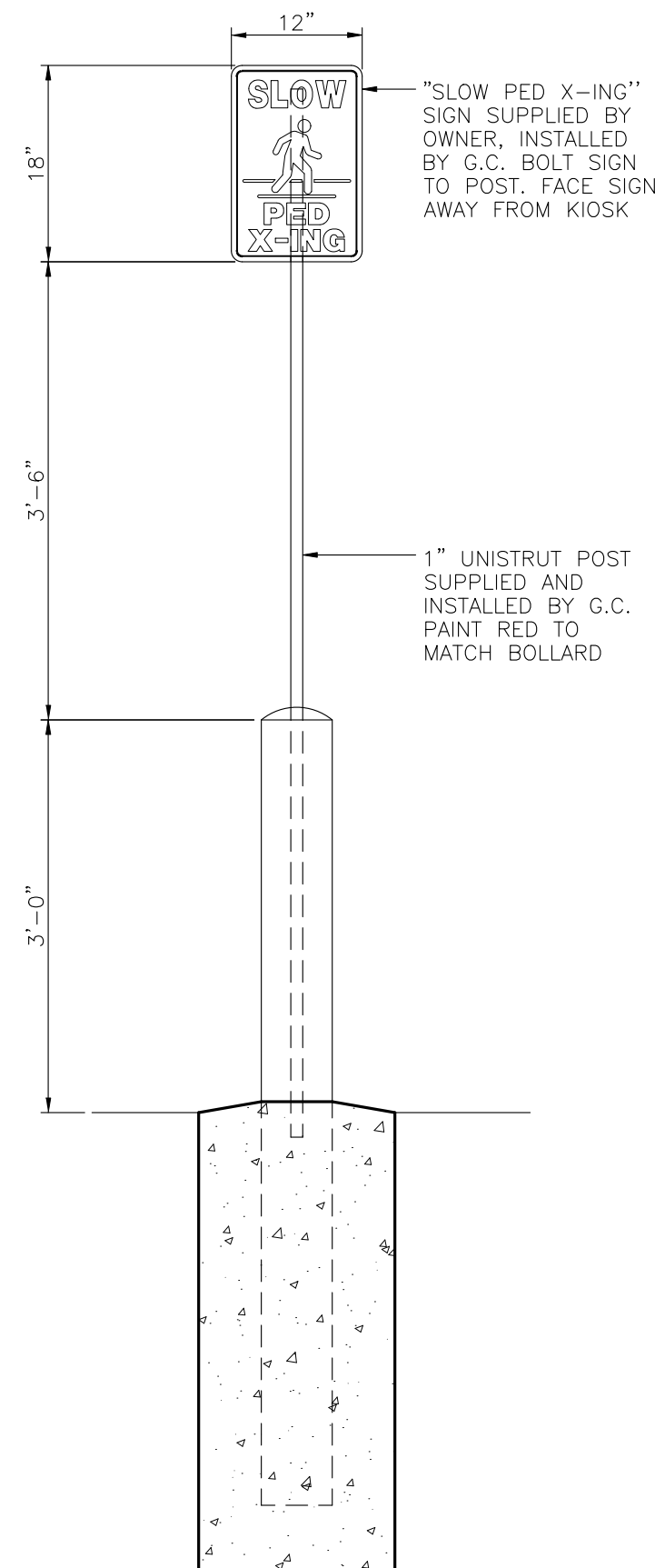
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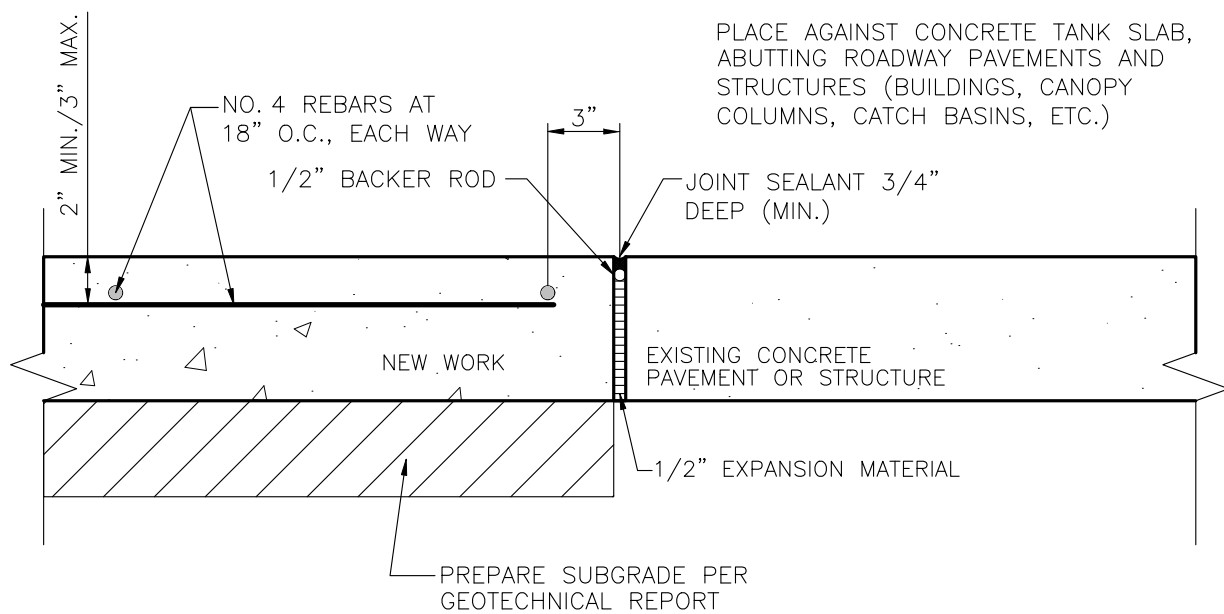
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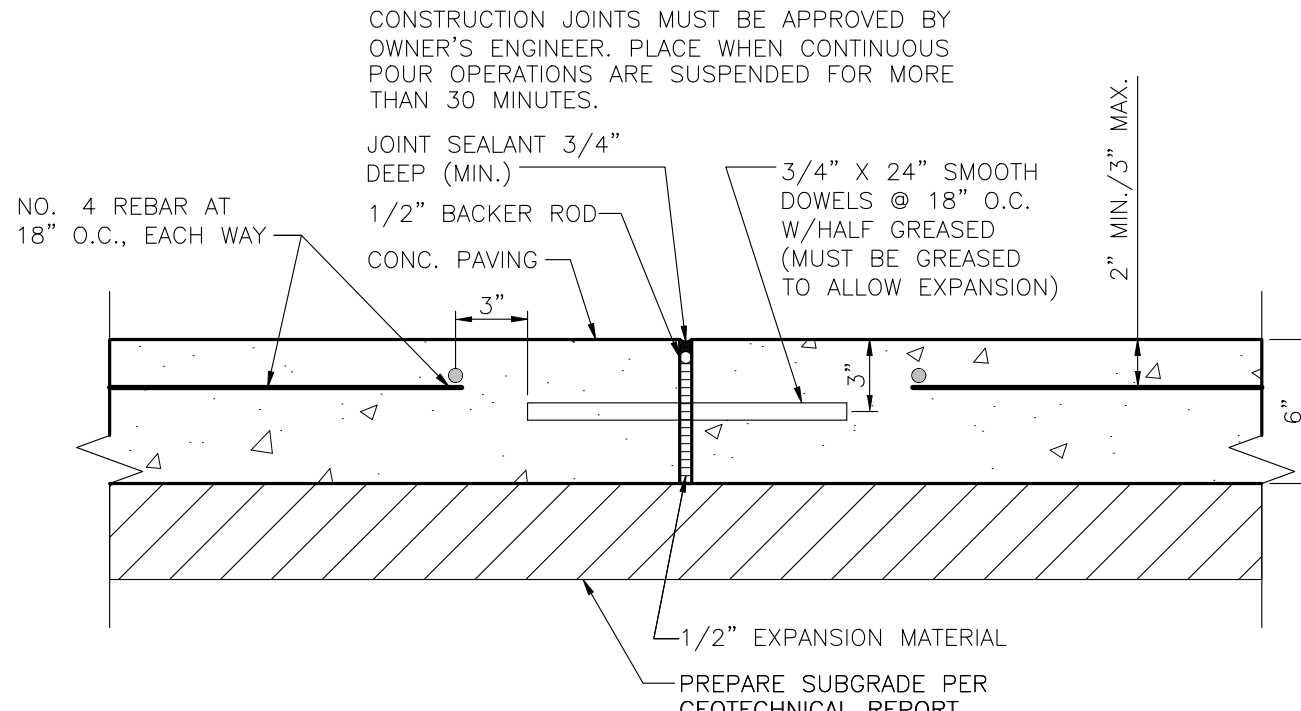
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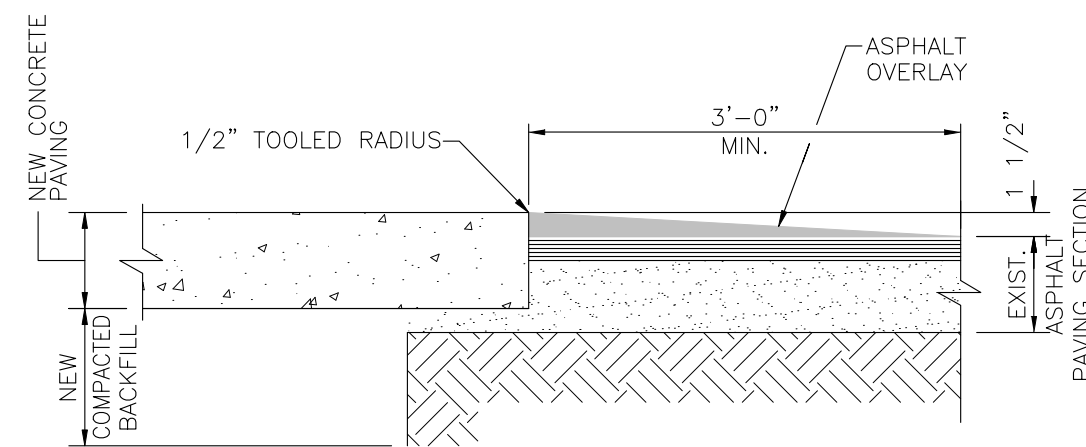
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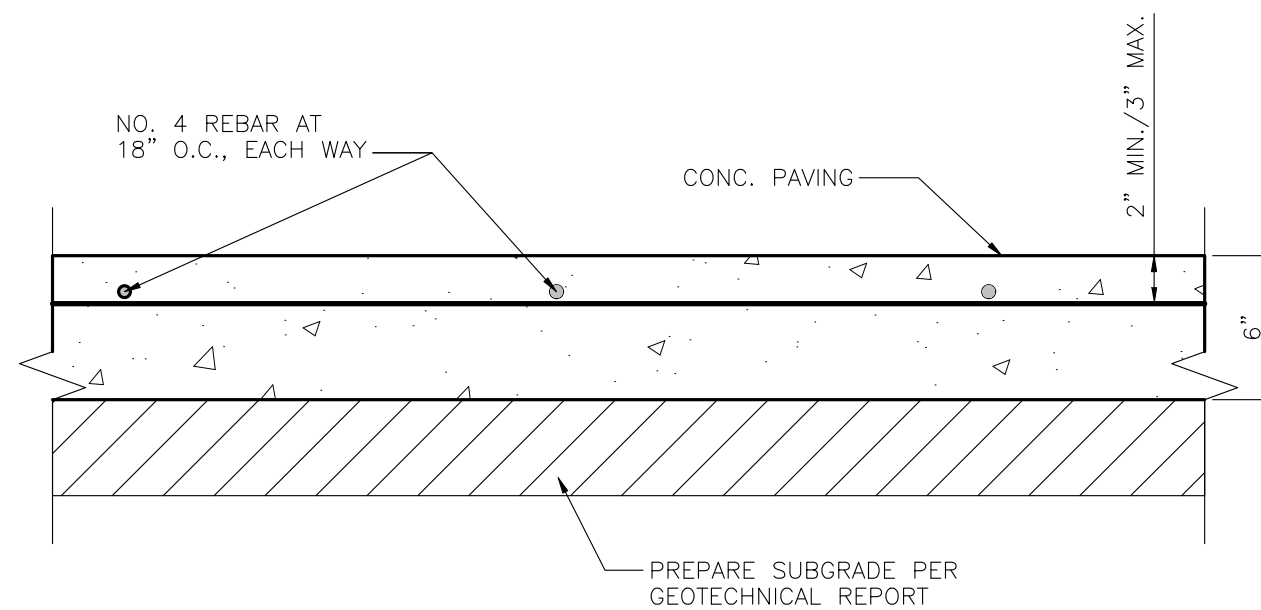
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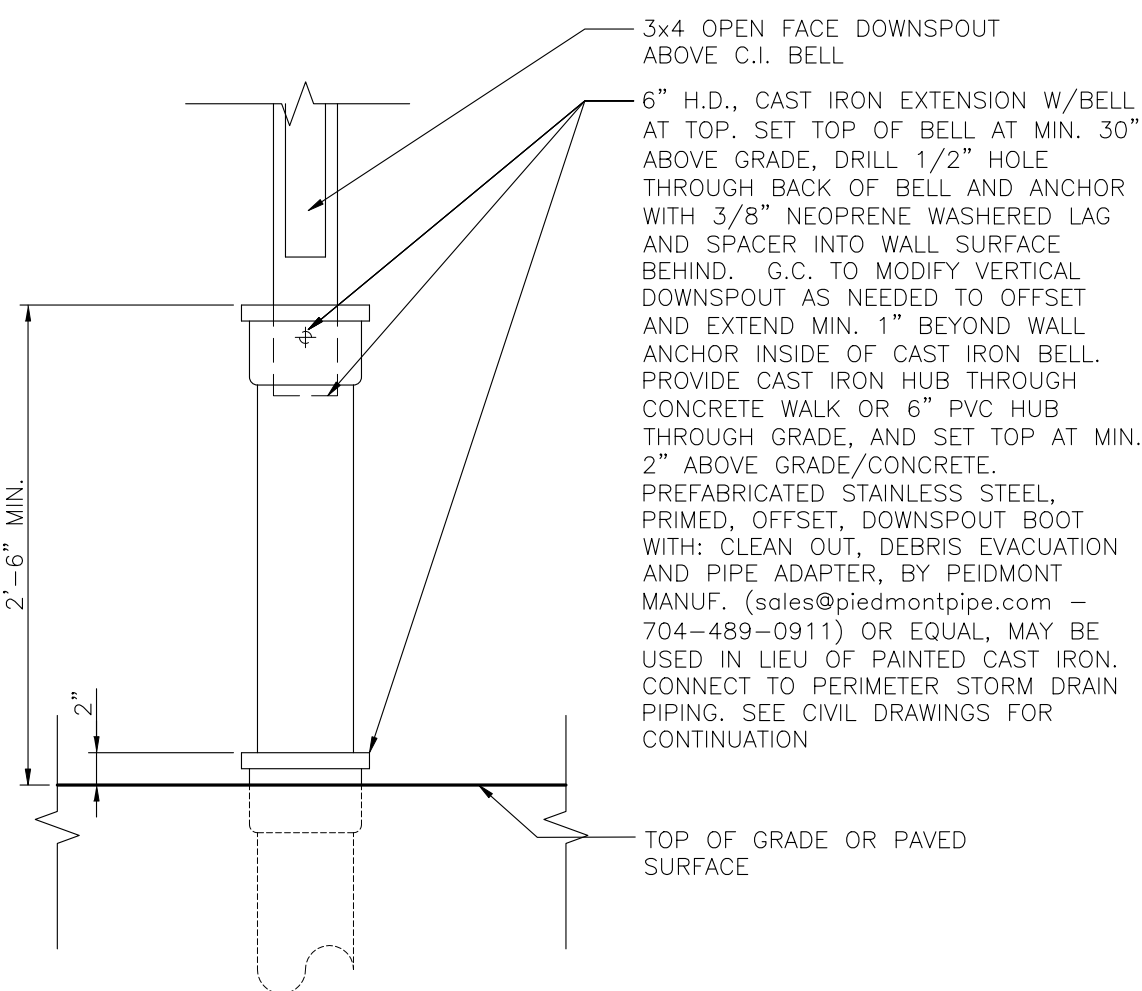
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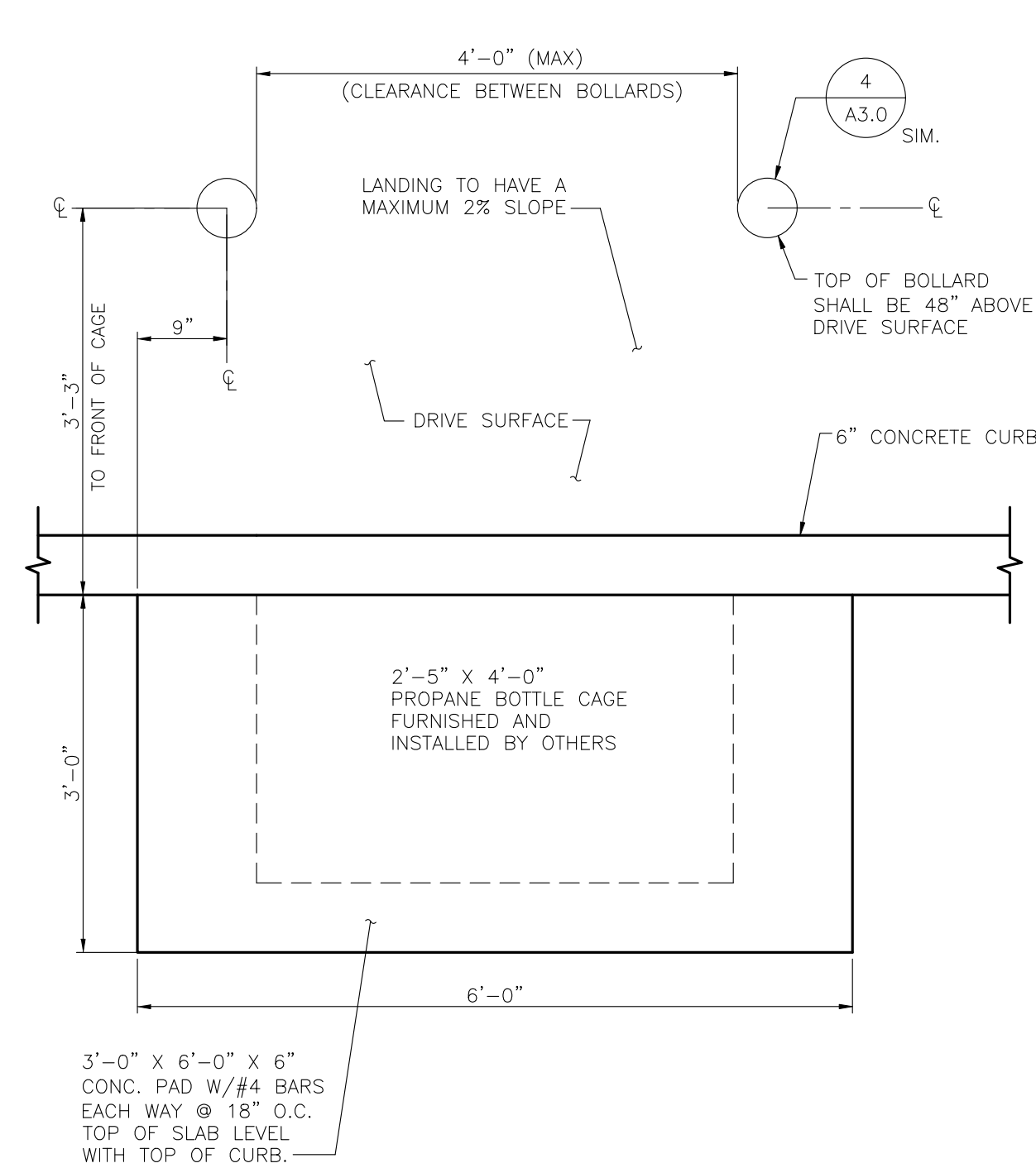
7 PAVING TRANSITION DETAIL  
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8 CANOPY DRIVE SLAB SECTION  
SCALE: 1 1/2" = 1'-0"



9 KIOSK STORM DRAIN DETAIL  
SCALE: 1" = 1'-0"



10 PROPANE BOTTLE CAGE MOUNTING PLAN  
SCALE: 3/4" = 1'-0"

REVISIONS		DATE
No.	DESCRIPTION	

Project #:	A-765
Date:	APRIL, 2022
Scale:	FULL
Disk File:	KraA765_A3.0-DETS
Model:	5(GD) 1RR w/ Floor

Address:	601 Woodman Drive Riverside, OH 45404
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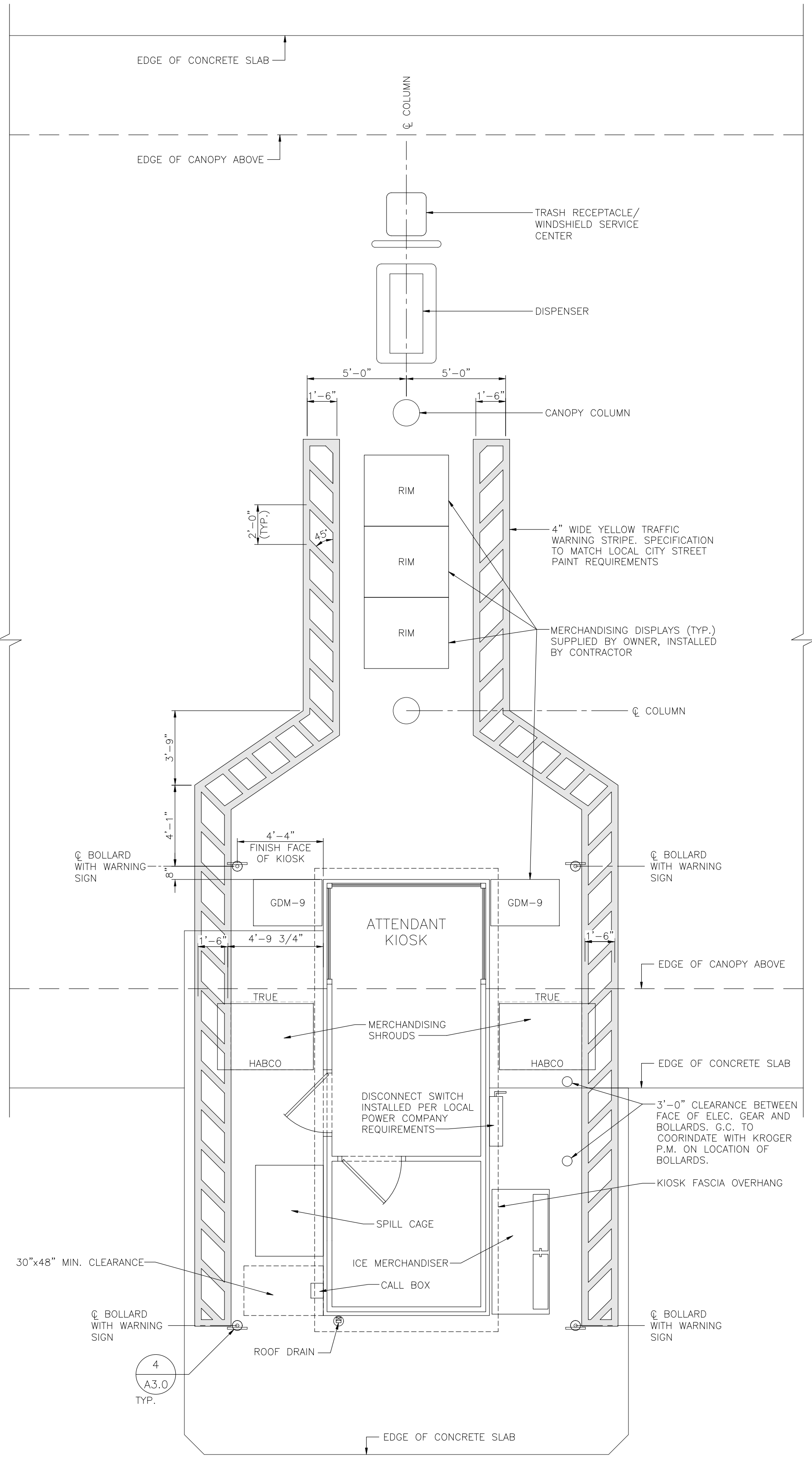
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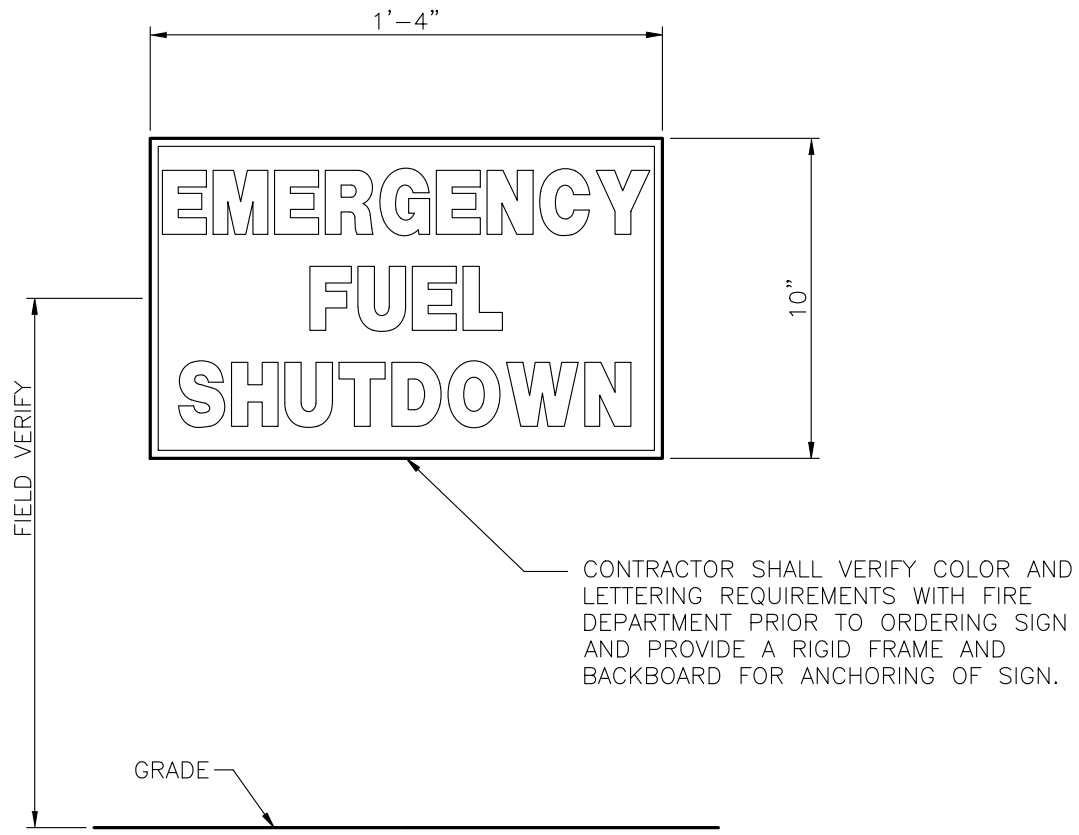
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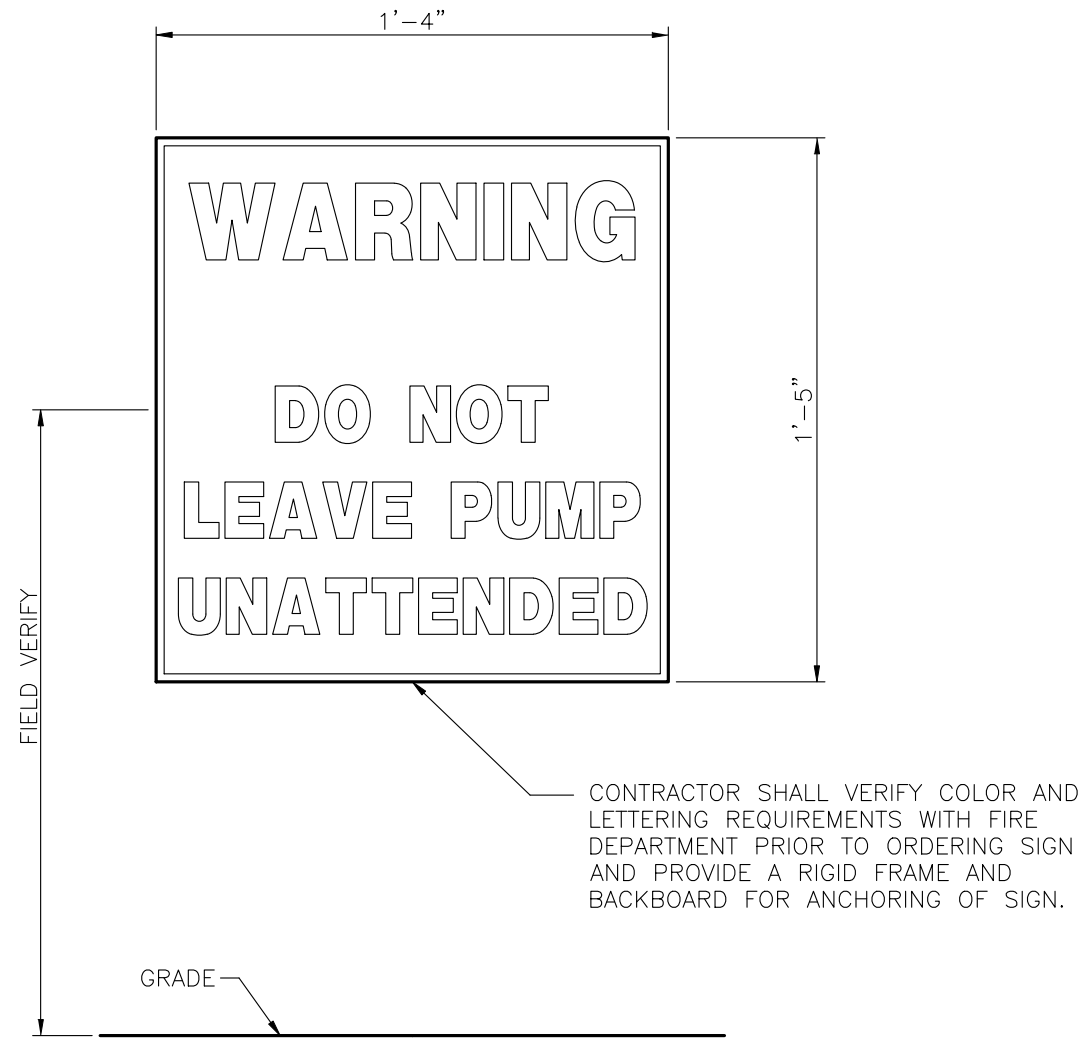




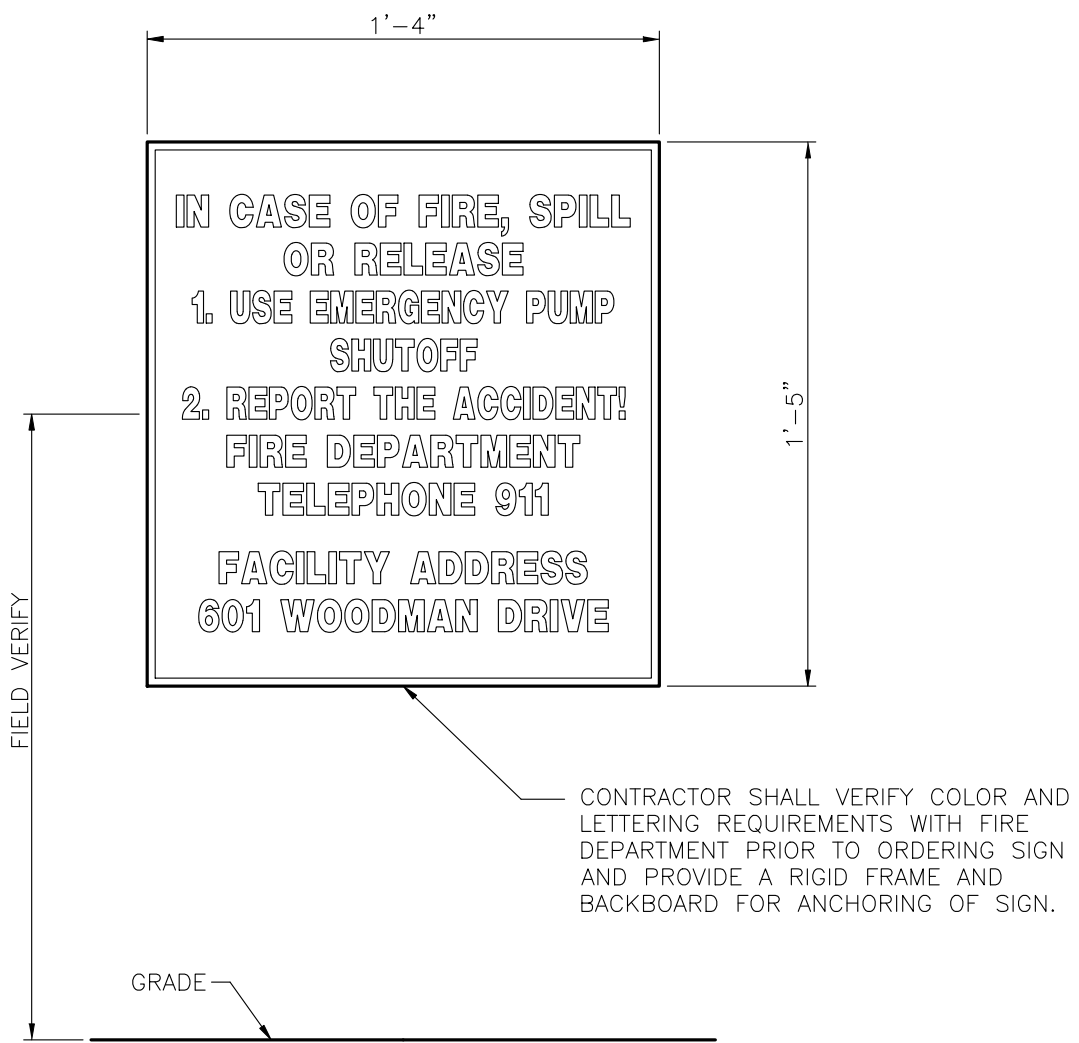
4 PEDESTRIAN WARNING ZONE  
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1 EMERGENCY FUEL SHUTDOWN SIGN  
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2 UNATTENDED WARNING SIGN  
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3 EMERGENCY INSTRUCTION SIGN  
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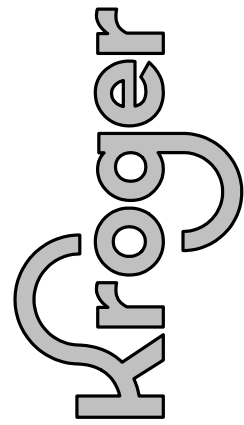
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The Kroger Co.  
Supermarket Petroleum Group  
Project: 765  
Phone: (303) 715-5901  
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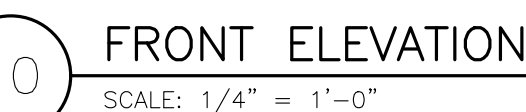
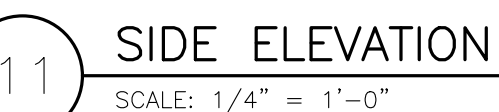
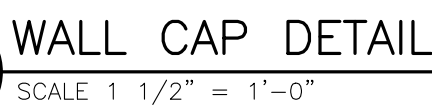
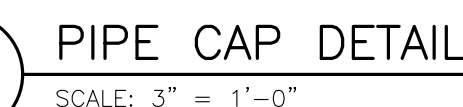
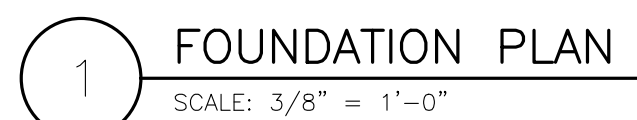
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No.	DESCRIPTION		

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Date: APRIL, 2022  
Scale: FULL  
Disk File: KroA765\_A3.1-DETS  
Model: 5(GD) 1RR w/ Floor  
Address: 601 Woodman Drive  
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**YARD  
DETAILS**

Sheet: **A3.1**





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Kroger

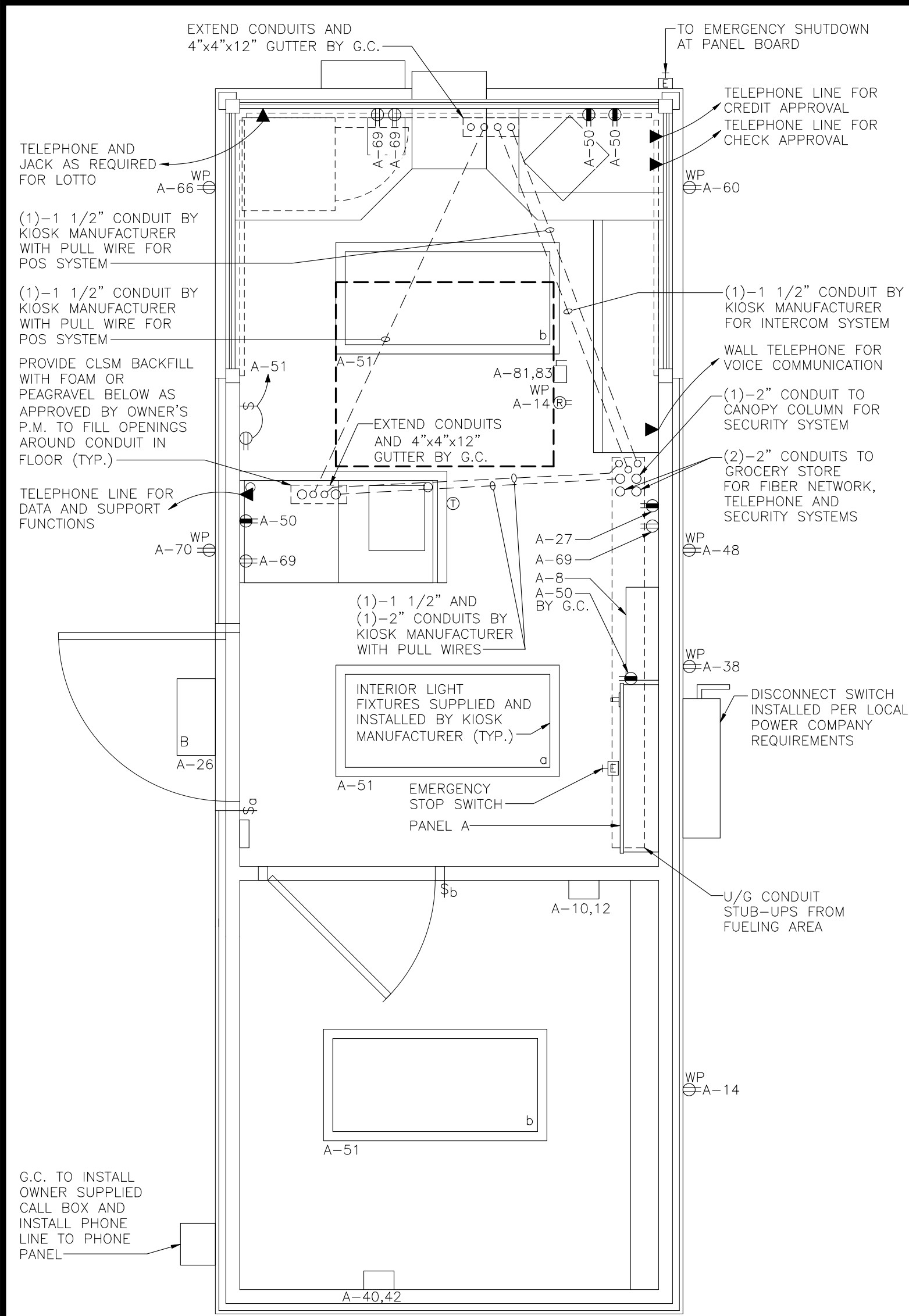
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Project #:	A-765
Date:	APRIL, 2022
Scale:	FULL
Disk File:	KroA765_A3.2-TRASH
Model:	5(GD) 1RR w/ Floor
Address:	601 Woodman Drive Riverside, OH 45404

## TRASH ENCLOSURE PLAN & DETAILS

Sheet: A3 2

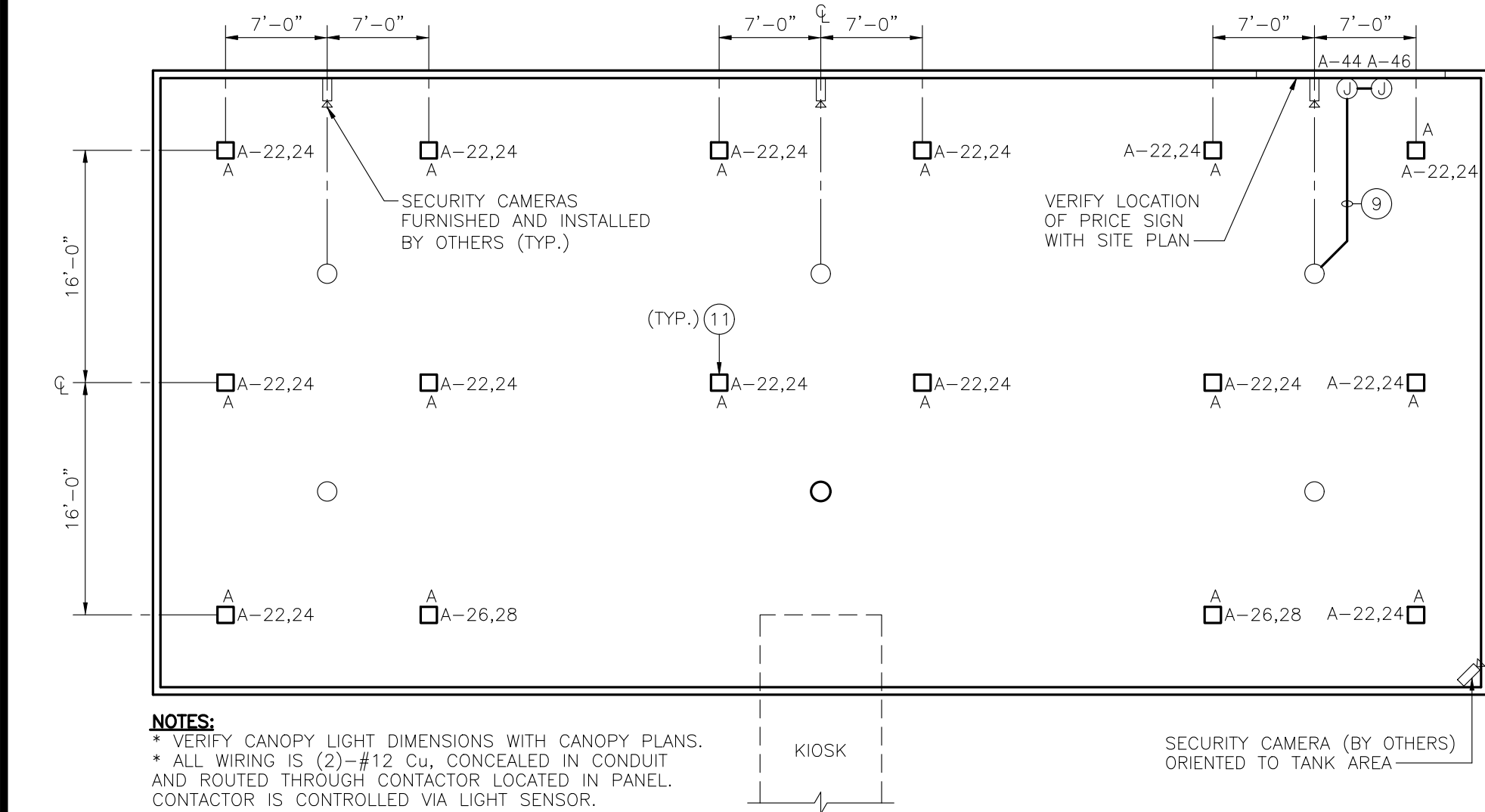




1 KIOSK POWER AND LIGHTING PLAN  
SCALE: 1/2"=1'-0"

LIGHT FIXTURE SCHEDULE:

ITEM	MANUFACTURER	MODEL NUMBER	LAMP	LUMENS	WATTS	LUMENS /WATT	VOLTS	MOUNTING	REMARKS
A	LSI	SCV-LED-15L-SC-UNV-50-WHT	LED	14963	102	147	208	RECESS	FURNISHED AND INSTALLED BY CANOPY INSTALLER. CONTRACTOR TO FURNISH AND INSTALL CONDUIT AND CONDUCTORS FOR ALL CANOPY LIGHT FIXTURES
B	McGraw Edison	IST-AF-600-LED-E1-T4W-BZ	LED	4095	33.4	123	120	WALL MOUNT	FURNISHED AND INSTALLED BY G.C. PROVIDE ADDITIONAL POWER FEED TO BACK-UP BATTERY CIRCUIT AHEAD OF LIGHTING CONTROLLER

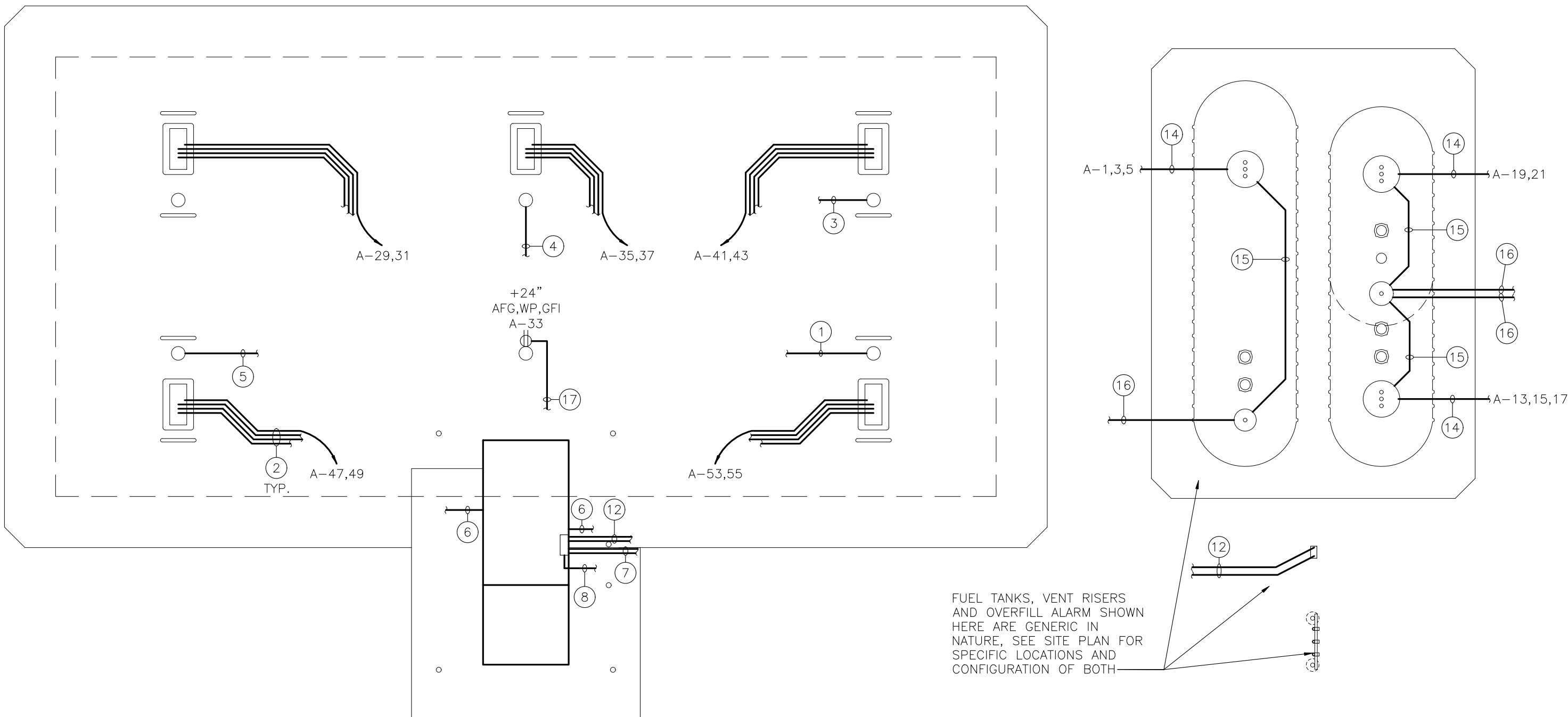


NOTES:  
\* VERIFY CANOPY LIGHT DIMENSIONS WITH CANOPY PLANS.  
\* ALL WIRING IS (2)-#12 Cu, CONCEALED IN CONDUIT AND ROUTED THROUGH CONTACTOR LOCATED IN PANEL. CONTACTOR IS CONTROLLED VIA LIGHT SENSOR.

3 CANOPY LIGHTING PLAN  
SCALE: 1"=10'-0"

ELECTRICAL LEGEND:	
	20 AMP DUPLEX RECEPTACLE AT 24" A.F.F. EXCEPT AS NOTED
	20 AMP DUPLEX RECEPTACLE WITH ISOLATED GROUND AND ORANGE RECEPTACLE AT 24" A.F.F.
	20 AMP DUPLEX RECEPTACLE ON ROOF
	SINGLE POLE SWITCH (LETTER INDICATES SWITCHED DEVICES)
	JUNCTION BOX FOR DIRECT WIRE CONNECTION
	EMERGENCY STOP SWITCH
	TELEPHONE OUTLET WITH RECEPTOR JACK
	FUSED DISCONNECT
	THERMOSTAT
	AFG ABOVE FINISHED GRADE
	GFI GROUND FAULT INTERRUPTER
	WP WEATHER PROOF IN-USE COVER
	B-5 CIRCUIT IDENTIFIER LETTER A-22,24 DESIGNATES PANEL; NUMBER DESIGNATES CIRCUIT NUMBER.

CONDUIT ROUTING NOTE:	
KIOSK FOOTINGS ARE ASSUMED TO BE FORMED CONCRETE. CONDUITS MAY BE ROUTED IMMEDIATELY ADJACENT TO THE FOOTINGS BUT MUST NOT BE ROUTED THROUGH OR BENEATH THEM.	



2 CONSTRUCTION IMPROVEMENT PLAN  
SCALE: 1"=10'-0"

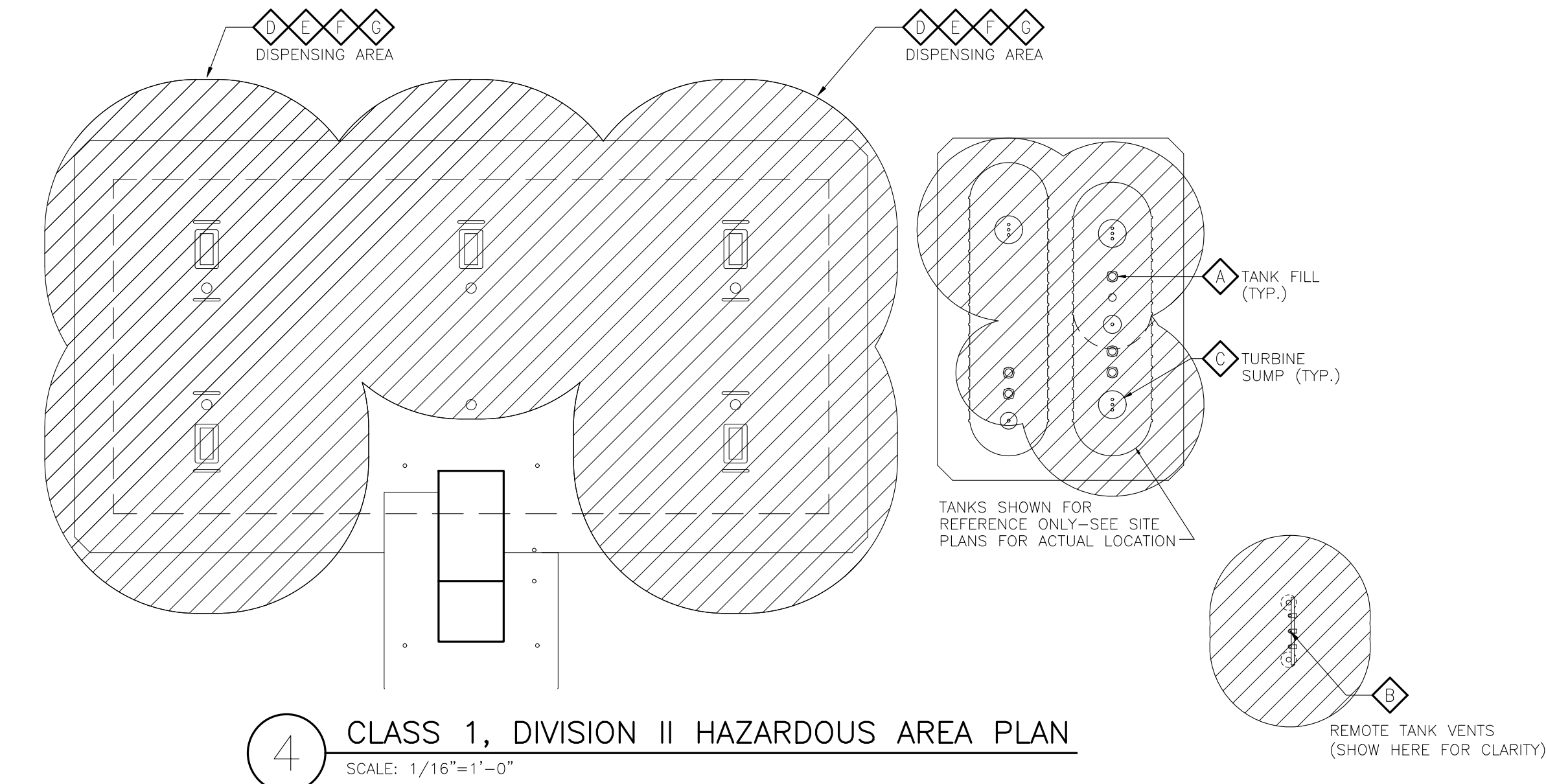
N.E.C. HAZARDOUS AREA NOTES:

ALL CONDUIT ENTERING AND LEAVING THE CLASSIFIED/HAZARDOUS AREAS SHALL HAVE SEAL-OFFS PER NEC 514.8 AND 514.9.

- D** TYPICAL N.E.C. ARTICLE 514 CLASS 1 LOCATION (UNDERGROUND TANK - FILL OPENING)  
EXTENT OF CLASS 1, GROUP D, DIVISION 1 LOCATION:  
ANY PIT, BOX, OR SPACE BELOW GRADE LEVEL, ANY PART OF WHICH IS WITHIN THE DIVISION 1 OR 2 CLASSIFIED LOCATION.  
EXTENT OF CLASS 1, GROUP D, DIVISION 2 LOCATION:  
UP TO 18 INCHES ABOVE GRADE LEVEL WITHIN A HORIZONTAL RADIUS OF 10 FEET FROM A LOOSE FILL CONNECTION AND WITHIN A HORIZONTAL RADIUS OF 5 FEET FROM A TIGHT FILL CONNECTION.
- B** TYPICAL N.E.C. ARTICLE 514 CLASS 1 LOCATION (UNDERGROUND TANK - VENT-DISCHARGING UPWARD) EXTENT OF CLASS 1, GROUP D, DIVISION 1 LOCATION:  
ANY PIT, BOX, OR SPACE BELOW GRADE LEVEL IF ANY PART IS WITHIN A HORIZONTAL DISTANCE OF 10 FT. FROM ANY EDGE OF PUMP.  
EXTENT OF CLASS 1, GROUP D, DIVISION 2 LOCATION:  
SPACE BETWEEN 5 FEET AND 10 FEET OF OPEN END OF VENT, EXTENDING IN ALL DIRECTIONS.
- C** TYPICAL N.E.C. ARTICLE 514 CLASS 1 LOCATION (REMOTE PUMP - OUTDOOR)  
EXTENT OF CLASS 1, GROUP D, DIVISION 1 LOCATION:  
ANY PIT, BOX, OR SPACE BELOW GRADE LEVEL IF ANY PART IS WITHIN A HORIZONTAL DISTANCE OF 10 FT. FROM ANY EDGE OF PUMP.  
EXTENT OF CLASS 1, GROUP D, DIVISION 2 LOCATION:  
WITHIN 3 FEET OF ANY EDGE OF PUMP, EXTENDING IN ALL DIRECTIONS. ALSO UP TO 18 INCHES ABOVE GRADE LEVEL WITHIN 10 FEET HORIZONTALLY FROM ANY EDGE OF PUMP.
- D** TYPICAL N.E.C. ARTICLE 514 CLASS 1 LOCATION (DISPENSING DEVICE - PITS)  
EXTENT OF CLASS 1, GROUP D, DIVISION 1 LOCATION:  
ANY PIT, BOX, OR SPACE BELOW GRADE LEVEL, ANY PART OF WHICH IS WITHIN THE DIVISION 1 OR 2 CLASSIFIED LOCATION.
- E** TYPICAL N.E.C. ARTICLE 514 CLASS 1 LOCATION (DISPENSING DEVICE - DISPENSER)  
EXTENT OF CLASS 1, GROUP D, DIVISION 1 LOCATION:  
SPACE CLASSIFICATION INSIDE THE DISPENSER ENCLOSURE IS COVERED IN ANSI/UL 87, "POWER EQUIPMENT DISPENSING DEVICES FOR PETROLEUM PRODUCTS."
- F** TYPICAL N.E.C. ARTICLE 514 CLASS 1 LOCATION (DISPENSING DEVICE - DISPENSER)  
EXTENT OF CLASS 1, GROUP D, DIVISION 2 LOCATION:  
WITHIN 18 INCHES HORIZONTALLY IN ALL DIRECTIONS EXTENDING TO GRADE FROM (1) THE DISPENSER ENCLOSURE OR (2) THAT PORTION OF THE DISPENSER ENCLOSURE CONTAINING LIQUID HANDLING COMPONENTS.
- C** TYPICAL N.E.C. ARTICLE 514 CLASS 1 LOCATION (DISPENSING DEVICE - OUTDOOR)  
EXTENT OF CLASS 1, GROUP D, DIVISION 2 LOCATION:  
UP TO 18 INCHES ABOVE GRADE LEVEL WITHIN 20 FEET HORIZONTALLY OF ANY EDGE OF ENCLOSURE.

GENERAL NOTES:

- OWNER WILL FURNISH U.L. LABELED, PREASSEMBLED PANEL BOARD WITH KIOSK. CONTRACTOR SHALL CONNECT SERVICE CONDUCTORS TO TERMINAL LUGS. BRANCH CIRCUIT CONDUCTORS TO TERMINAL STRIPS AND GROUND CONDUCTOR FROM STANDARD GROUND BAR AND ISOLATED GROUND BAR IN ACCORDANCE WITH INSTALLATION INSTRUCTIONS FURNISHED WITH PANEL BOARD ASSEMBLY.
- CONTRACTOR TO PROGRAM LIGHTING MANAGER FOR LOCAL CONDITIONS.
- CENTER LINE OF ALL DUPLEX OUTLETS TO BE 24" A.F.F. UNLESS OTHERWISE NOTED.
- FURNISH AND INSTALL APPROVED SHIELDED CABLE FOR SPEAKER SYSTEM WIRING FROM KIOSK TO EACH DISPENSER.
- ALL WIRING SHALL BE THHN/THWN Cu, GASOLINE AND OIL RESISTANT.
- ALL EXTERIOR WEATHERPROOF OUTLETS SHALL BE EQUIPPED WITH GFI TYPE CIRCUIT BREAKERS.
- ALL FUSED DISCONNECT SWITCHES FOR MECHANICAL EQUIPMENT SHALL CONTAIN FRN-R FUSES SIZED PER MANUFACTURER'S NAME PLATE RATING (1.25 x F.L.A.).
- INSTALL 2" EMPTY CONDUIT FROM CANOPY COLUMN TO KIOSK FOR FUTURE USE BY SECURITY SYSTEM CONTRACTOR.
- ALL SHIELDED CABLE SHALL BE INSTALLED WITH SHIELD (OR DRAIN) CONDUCTOR GROUNDED AT THE EQUIPMENT DEVICE TO WHICH THE CABLE IS CONNECTED INSIDE THE KIOSK BUILDING (SEE MANUFACTURER'S INSTALLATION INSTRUCTIONS). SHIELD CONDUCTOR AT THE OPPOSITE END OF EACH CABLE SHALL BE CUT OFF AND TAPED IN A MANNER THAT WILL PREVENT CONTACT WITH ANY PART OF THE EQUIPMENT OR OTHER CONDUCTORS.
- ALL CONDUIT AND APPURTENANCES (BOXES) TO BE PROPERLY SUPPORTED PER LATEST EDITION OF NEC.
- ALL CONDUIT PENETRATIONS THROUGH CANOPY DECKING AND FASCIA PANELS SHALL BE CAULKED WEATHERTIGHT.
- HVAC UNIT INCLUDING THERMOSTAT FURNISHED BY KIOSK SUPPLIER. GENERAL CONTRACTOR TO INSTALL UNIT ON ROOF AND MAKE ALL ELECTRICAL CONNECTIONS.
- ALL BURIED METAL CONDUIT SHALL BE PVC COATED METAL CONDUIT, ANY REFERENCE TO "METAL RIGID", "GALVANIZED METAL", ETC. CONDUIT ARE SUPERCEDED.



4 CLASS 1, DIVISION II HAZARDOUS AREA PLAN  
SCALE: 1/16"=1'-0"

ELECTRIC SCHEDULE:

- (1)-1" CONDUIT FOR AC CIRCUITS TO SIGN.\* VERIFY PROPER COLUMN WITH CANOPY MANUFACTURER PLANS.
- (4) CONDUITS\*\*\* (TYPICAL EACH DISPENSER) TO KIOSK FOR:
  - 1" DISPENSER A/C POWER AND DISPENSER DATA COMMUNICATIONS:
  - DATA CIRCUITS ARE U.L. RATED CLASS 1.
  - 3/4" INTERCOM SPEAKER
  - 3/4" SUMP SENSOR\*\*
  - 3/4" ETHERNET
- (1)-1" CONDUIT FOR LIGHTING\*
- (1)-2" CONDUIT FOR SECURITY SYSTEM\*
- (1)-1" CONDUIT (SPARE)\*
- (2)-2" SCH. 40 PVC CONDUITS (WITH TWO PULL STRINGS EACH) FROM KIOSK TO COMPUTER (ECR) ROOM INSIDE SUPERMARKET STORE. THERE SHOULD BE NO MORE THAN (2) 90° TURNS (STANDARD FOR FIBER AND TELEPHONE CABLES). COORDINATE WITH OWNER'S PROJECT MANAGER FOR EXACT LOCATION OF ENTRY POINT INTO SUPERMARKET STORE, MANAGER'S OFFICE, AND CUSTOMER SERVICE DESK. INSTALLATION OF THESE CONDUITS SHALL BE ACCOMPLISHED BY BORING BETWEEN KIOSK AND POINT OF ENTRY INTO SUPERMARKET STORE. ALTERNATE: CONTRACTOR TO PROVIDE PRICE FOR PLACEMENT OF CONDUIT BY OPEN CUT TRENCHING.
- (1)-3/4" CONDUIT FROM KIOSK TO STREET SIGN TO BE USED FOR AC CIRCUITS FOR PRICE SIGN. CONFIRM NEED WITH OWNER'S P.M. AND LOCATION OF SIGN WITH CIVIL.
- (1)-3/4" CONDUIT FOR AIR COMPRESSOR.\*\*\* VERIFY WITH SITE PLANS.
- (1)-3/4" PVC CONDUIT FROM NEAREST COLUMN TO JUNCTION BOX AT CENTERLINE OF PRICE SIGN FOR SIGN POWER. VERIFY LOCATION OF CANOPY SIGN ON SITE PLAN.
- NOT USED
- CANOPY LIGHT (TYP.)\* REFER TO LIGHT FIXTURE SCHEDULE.
- (2) 3/4" CONDUITS FROM KIOSK TO OVERFILL ALARM LOCATION.
  - 3/4" FOR OVERFILL ALARM
  - 3/4" SPARE (CAP ENDS AND INSTALL PULL WIRE)
- NOT USED
- (1)-3/4" CONDUIT TO KIOSK PANEL FOR SUBMERSIBLE PUMP POWER.
- (1)-3/4" CONDUIT TO TANK MONITOR\*\* SENSORS AND MONITORS.
- (1)-1" CONDUIT TO TANK MONITOR\*\* CONSOLE FOR TANK PROBE, SUBMERSIBLE PUMP MONITOR, FILL SUMP MONITOR, AND INTERSTITIAL SENSOR. NOTE - SECOND 1" CONDUIT FOR COMPARTMENT TANKS.
- (1)-3/4" CONDUIT FOR REACH-IN COOLER. INSTALL RECEPTACLE ON EXTERIOR OF COLUMN, OR IF COLUMN VENEER IS PROVIDED INSTALL RECEPTACLE FLUSH IN VENEER. (ONLY USED ON STACKED DISPENSER LAYOUTS)

SCHEDULE NOTES:

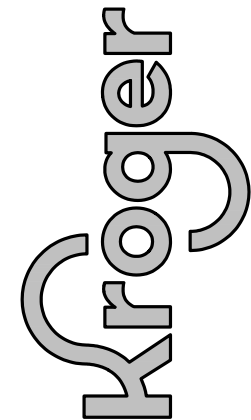
- \* G.C. SHALL CONNECT CONDUITS TO CONDUIT INSTALLED INSIDE CANOPY BY CANOPY MANUFACTURER.
- \*\* INTRINSICALLY SAFE WIRING. NO OTHER WIRING PERMITTED IN CONDUIT/RACEWAY. USE 2-CONDUCTOR #18 THWN SHIELDED WIRE CABLE ONLY. #2534 OR BELDEN #88760, #8760 OR EQUAL. BELDEN 1032A, 5340FI, OR 5302FI MUST BE INSTALLED WHEN DICTATED BY LOCAL JURISDICTION.
- \*\*\* DISPENSER CONDUIT MUST BE INSTALLED A MINIMUM OF 3'-0" FROM SUBMERSIBLE PUMP CONDUIT FOR ALL PARALLEL RUNS GREATER THAN 5'-0" IN LENGTH, PER DISPENSER MANUFACTURER REQUIREMENTS.
- \*\*\*\* FOR PROJECTS IN THE STATE OF WASHINGTON, THE ELECTRICIAN MUST MAKE THE CONNECTIONS TO THIS EQUIPMENT.

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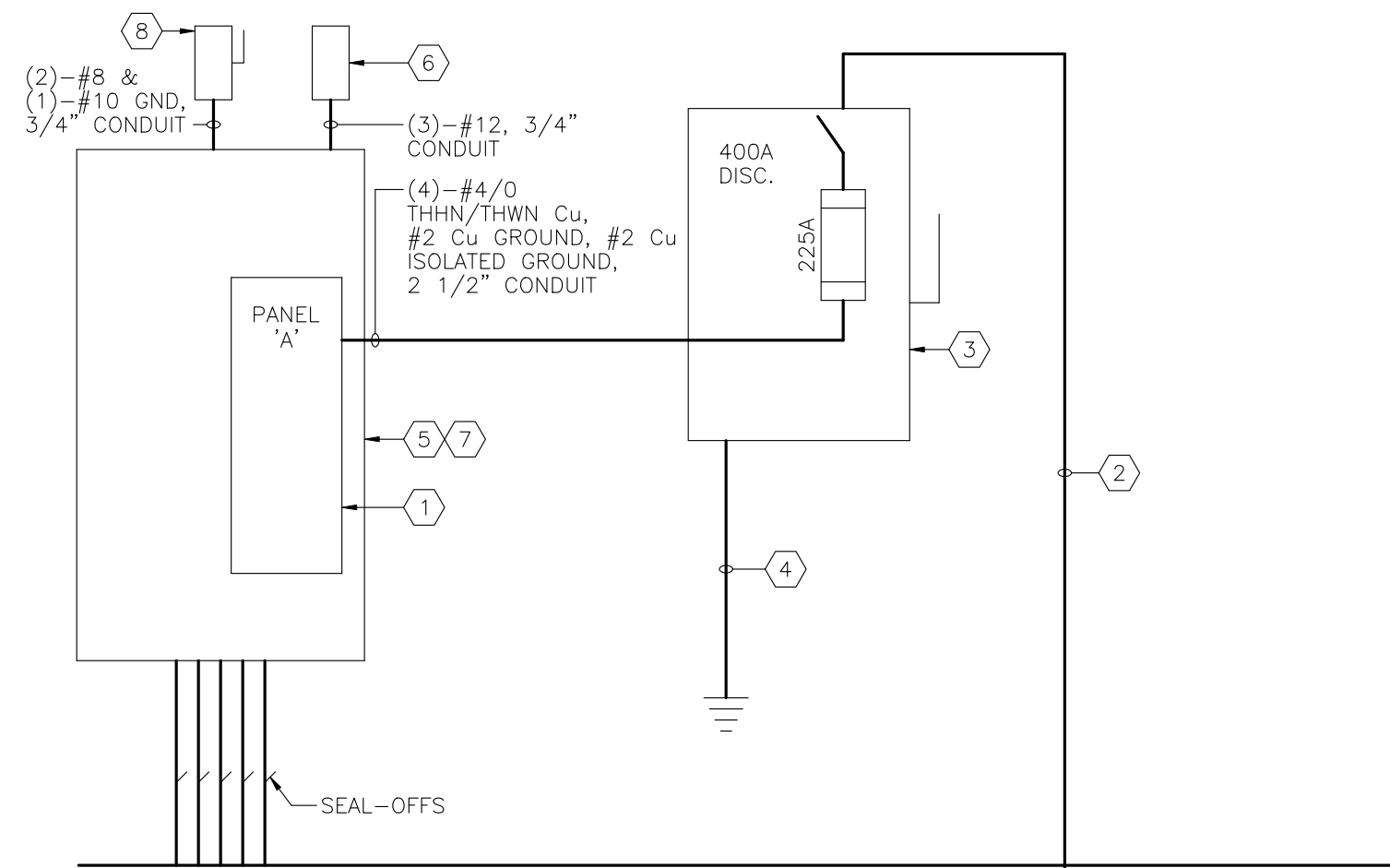
The Kroger Co.  
Supermarket Petroleum Group  
Project: 5901  
Phone: (303) 715-5901  
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REVISIONS		DATE			
DESCRIPTION	No.				
Project #:		A-765			
Date:		APRIL, 2022			
Scale:		FULL			
Disk File:		KraA765_E1.0-PLAN			
Model:		5(GD) 1RR w/ Floor			
Address:		601 Woodman Drive Riverside, OH 45404			
ELECTRICAL PLANS AND DETAILS					
Sheet:		E1.0			



"A" SQUARE D TYPE NOOD, 225 A MLO, 120/208V, THREE PHASE, NEMA 1, ISOLATED GROUND AND EQUIPMENT BUSSES, 10,000 AIC FULLY RATED. VERIFY AVAILABLE FAULT CURRENT WITH LOCAL UTILITY.													
Circuit	Description	Wire	VAXDF	VA	CB	Phase		CB	VA	VAXDF	Wire	Description	Circuit
1	UNLEADED SUBMERSIBLE PUMP #1 (4HP MAX)	#10	2402	2402	30	A		30	0	0	#12	SURGE SUPPRESSOR	2
3			2402	2402		B			0	0			4
5			2402	2402		C			0	0			6
7	SPARE	-	0	0	30	A		20	150	150	#12	FUEL SYSTEM MONITOR	8
9			0	0		B		30	1500	1500	#12	INSTANTANEOUS WATER HEATER-RESTROOM #1	10
11			0	0		C		30	1500	1500			12
13		#10	1442	1442	30	A		20	800	800	#12	ICE MERCHANDISER & ROOF RECEPT. (GFI)	14
15	PREMIUM SUBMERSIBLE PUMP (2HP)		1442	1442		B		20	0	0	-	SPARE	16
17			1442	1442		C		20	639	799	#12	SITE LIGHTS * (CHANNEL 2)	18
19	DIESEL SUBMERSIBLE PUMP	#12	1092	1092	20	A		20	639	799	#12	SITE LIGHTS * (CHANNEL 2)	20
21			1092	1092		B		20	1350	1688	#12	CANOPY LIGHTS * (CHANNEL 2)	22
23	SPARE	-	0	0	20	A		20	1350	1688			24
25			0	0		C		20	125	156	#12	CANOPY & KIOSK SECURITY LIGHTS * (CHANNEL 3)	26
27	SECURITY SYSTEM (IG)	#12	240	240	20	B		20	125	156	#12	CANOPY & KIOSK SECURITY LIGHTS * (CHANNEL 3)	28
29	SWITCHED NEUTRAL SPACE (SWN)	-	0	0	SWN	C		20	50	50	#12	OVERFILL ALARM	30
31	DISPENSER 1 - 2 (L.SWN)	#12	960	960	20	A		20	240	240	#12	PLDD/FUELING CONTROL MODULE	32
33	VENDING RECEPTACLE (GFI)	#12	1100	1100	20	B		20	560	700	#12	PYLON SIGNS*	34
35	SWITCHED NEUTRAL SPACE (SWN)	-	0	0	SWN	C		20	560	700	#12	PYLON SIGNS* (CHANNEL 1)	36
37	DISPENSER 3-4 (L.SWN)	#12	960	960	20	A		20	1100	1100	#12	VENDING RECEPTACLE (GFI)	38
39	SPARE	-	0	0	20	B		40	4160	4160	#8	INSTANTANEOUS WATER HEATER-MOP SINK	40
41	SWITCHED NEUTRAL SPACE (SWN)	-	0	0	SWN	C		40	4160	4160			42
43	DISPENSER 5-6 (L.SWN)	#12	960	960	20	A		20	720	900	#12	CANOPY SIGNS *	44
45	SPARE	-	0	0	20	B		20	780	975	#12	CANOPY SIGNS * (CHANNEL 1)	46
47	SWITCHED NEUTRAL SPACE (SWN)	-	0	0	SWN	C		20	1100	1100	#12	VENDING RECEPTACLE (GFI)	48
49	DISPENSER 7-8 (L.SWN)	#12	960	960	20	A		20	1000	1000	#12	POS (IG)	50
51	KIOSK LIGHTS & EXHAUST FAN(S)	#12	438	350	20	B		20	0	0	-	SPARE	52
53	SWITCHED NEUTRAL SPACE (SWN)	-	0	0	SWN	C		20	0	0	-	SPARE	54
55	DISPENSER 9-10 (L.SWN)	#12	960	960	20	A		20	0	0	-	SPARE	56
57	SPARE	-	0	0	20	B		20	0	0	-	SPARE	58
59		-	0	0	SWN	C		20	1100	1100	#12	VENDING RECEPTACLE (GFI)	60
61	SPARE	-	0	0	20	A		20	0	0	-	SPARE	62
63	SPARE	-	0	0	20	B		15	200	200	#12	CPI FUELING CONTROL POWER	64
65	SPARE	-	0	0	SWN	C		20	1100	1100	#12	VENDING RECEPTACLE (GFI)	66
67		-	0	0	20	A		20	0	0	-	SPARE	68
69	KIOSK RECEPTACLES	#12	1032	1032	20	B		20	1100	1100	#12	VENDING RECEPTACLE (GFI)	70
71	SPARE	-	0	0	SWN	C		20	0	0	-	SPARE	72
73		-	0	0	20	A		20	0	0	-	SPARE	74
75	SPARE	-	0	0	20	B		SWN	0	0	-	SPARE	76
77		-	0	0	SWN	C		15	200	200	#12	CPI LIGHTING CONTROL POWER	78
79	SPARE	-	0	0	20	A		20	0	0	-	SPARE	80
81	HVAC UNIT (H A R.C.)	#8	4888	4888	50	B		SWN	0	0	-	SPARE	82
83			4888	4888		C	20	1518	1518	#12	AIR COMPRESSOR / PAY PHONE (GFI)*		84
CONNECTED LOAD TOTALS			A Ø =	14510	B Ø =	22321	C Ø =	22009	OR	186	AMPS @ 208 VOLTS, THREE PHASE		
DEMAND LOAD TOTALS			A Ø =	14881	B Ø =	23112	C Ø =	22646	OR	193	AMPS @ 208 VOLTS, THREE PHASE		

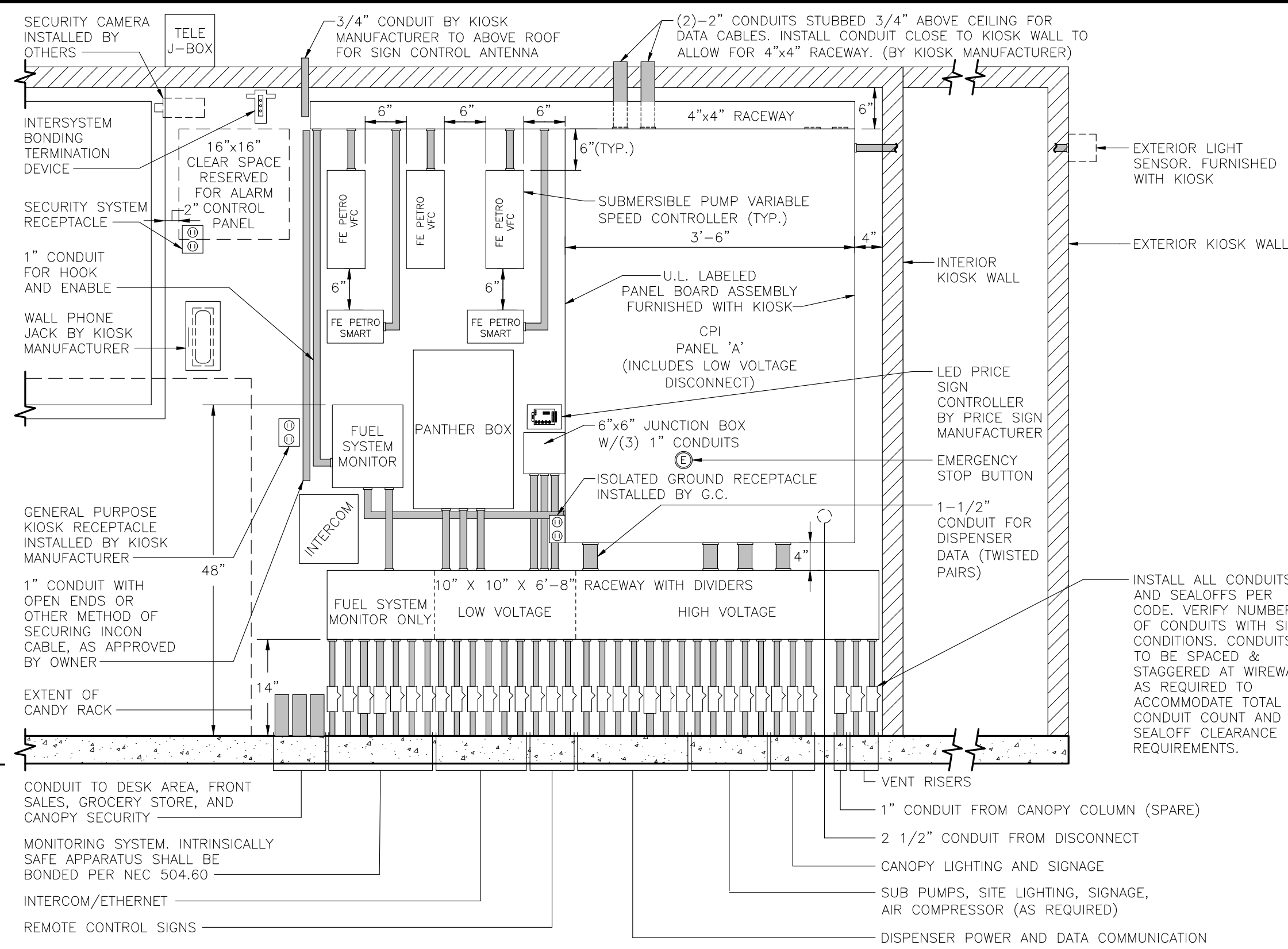


### ONE LINE DIAGRAM LEGEND

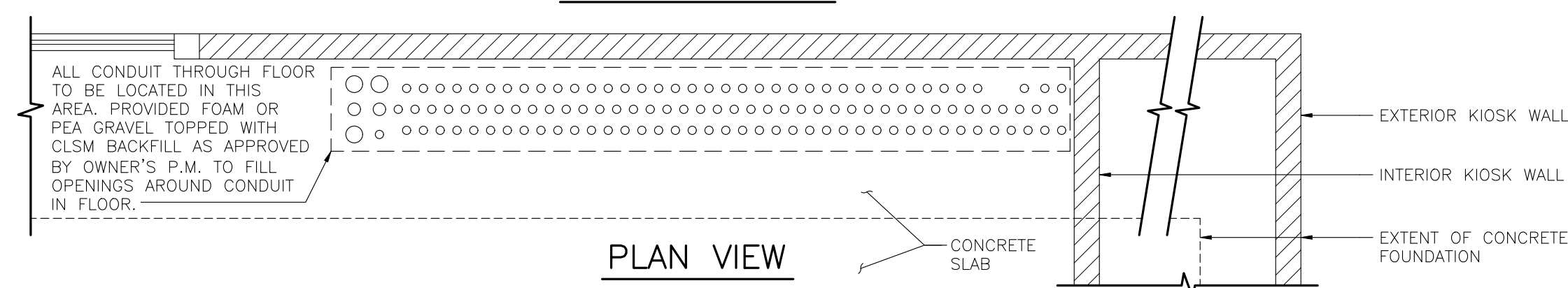
- PANELBOARD, ALL ELECTRICAL EQUIPMENT SHALL BE SERIES RATED TO WITHSTAND AVAILABLE FAULT CURRENT. VERIFY AVAILABLE FAULT CURRENT WITH LOCAL UTILITY COMPANY.
- CONDUIT AND CONDUCTORS TO GROCERY STORE ELECTRICAL GEAR. REFER TO ELECTRICAL SERVICE DRAWINGS BY OTHERS.
- GENERAL DUTY NEMA 3R, SAFETY SWITCH WITH NEUTRAL KIT, UL LISTED FOR SERVICE ENTRANCE, WITH CLASS T FUSES.
- SERVICE GROUND SYSTEM CONSISTING OF METAL WATER PIPING (IF AVAILABLE AT KIOSK), BUILDING STEEL, A CONCRETE-ENCASED ELECTRODE, GROUND RING AND DRIVEN ELECTRODE. CONTRACTOR SHALL FURNISH AND INSTALL PER NEC 250-50. INSTALL A #2 BARE COPPER WIRE FROM THE GROUND SYSTEM TO THE DISCONNECT GROUND BUSS IN A 3/4" CONDUIT. THE CONNECTION AT GROUND SYSTEM SHALL BE ACCESSIBLE. THERE SHALL ALSO BE A BONDING CONNECTION FOR SERVICE GROUND BUSS TO THE METAL PIPING SYSTEMS IN THE BUILDING. ISOLATED GROUND MUST NOT CONTACT COMMON GROUND SYSTEM BEFORE CONNECTION AT SERVICE GROUND SYSTEM.
- U.L. LABELED ELECTRICAL CABINET ASSEMBLY, SUPPLIED BY OWNER AND INSTALLED BY KIOSK FABRICATOR PER MANUFACTURER'S SPECIFICATIONS.
- LIGHT SENSOR UNDER ROOF OVERHANG. CONNECT TO PANEL BOARD ASSEMBLY PER MANUFACTURER'S SPECIFICATIONS. LOCATE SENSOR TO ELIMINATE ARTIFICIAL LIGHT SOURCE CONTAMINATION.
- FUELING FACILITY ELECTRICAL SYSTEM IS RATED AT 208V, THREE PHASE. ANY DISCREPANCY SHALL BE REPORTED TO ENGINEER PRIOR TO ANY INSTALLATION WORK.
- NEMA 3R FUSED DISCONNECT SWITCH FOR ROOFTOP HVAC BY KIOSK SUPPLIER.

### ONE LINE DIAGRAM

SCALE: NOT TO SCALE



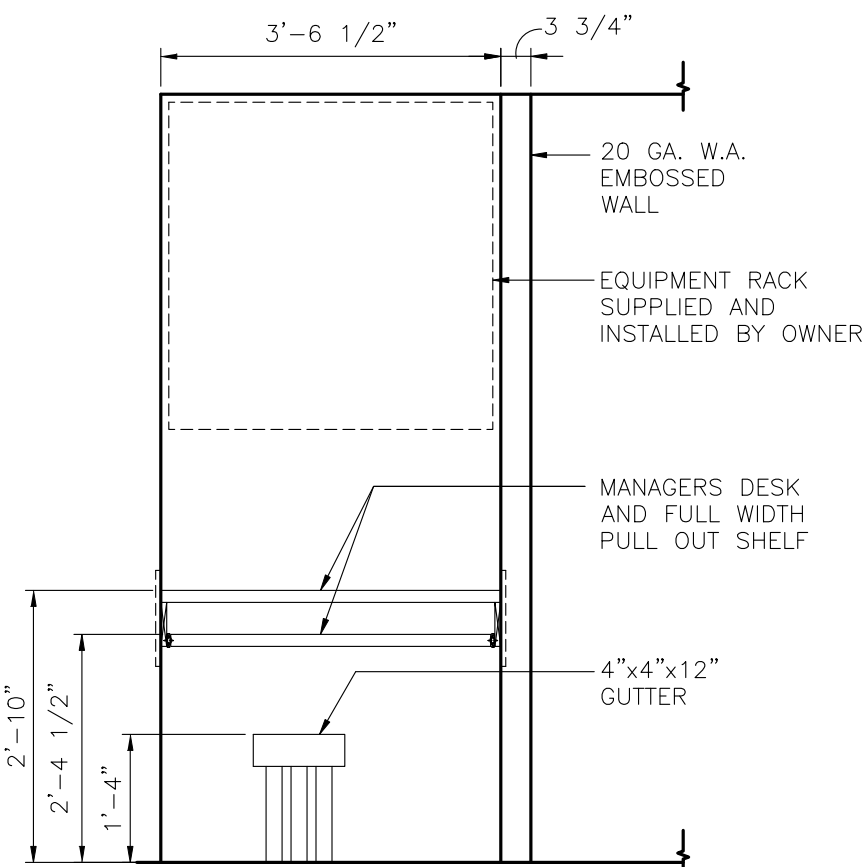
### ELEVATION VIEW



### PLAN VIEW

### ELECTRICAL WALL AT KIOSK PLAN AND ELEVATION VIEWS

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



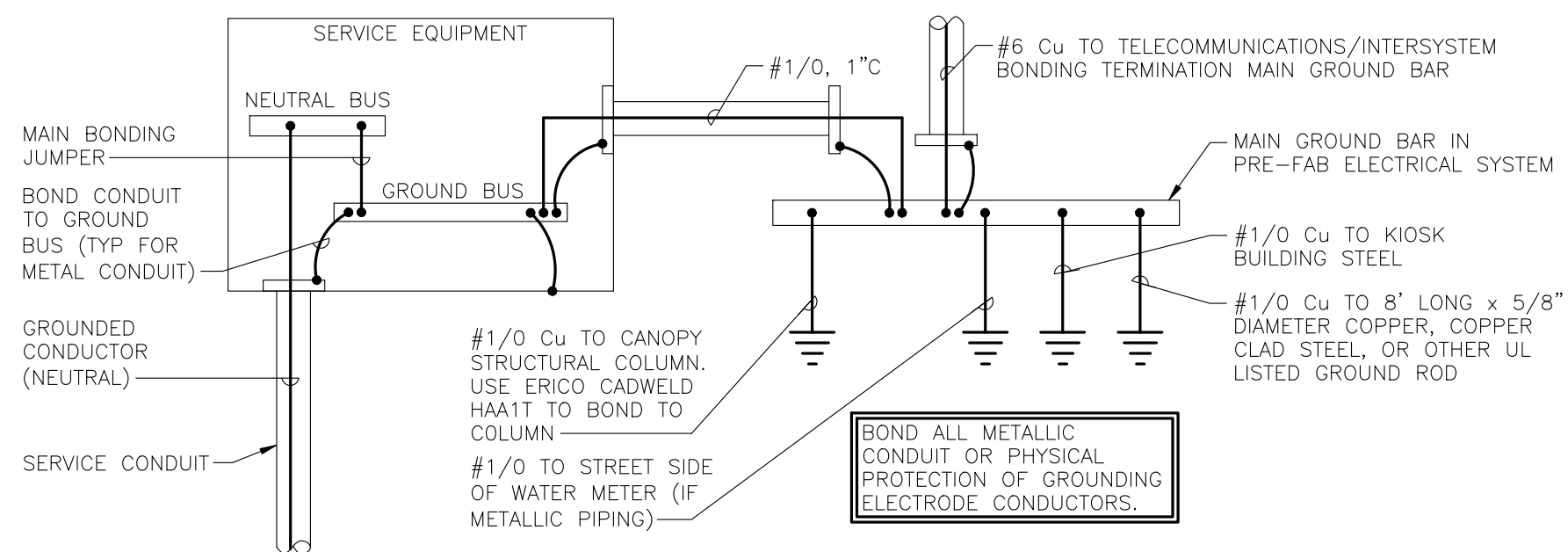
### INTERIOR ELEVATION AT MANAGER'S DESK

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

ITEM	DESCRIPTION	MANUFACTURER	MODEL	FUNR. BY	INST. BY	REMARKS
1	NOT USED					
2	SECURITY SYSTEM	DIEBOLD		OWNER	OWNER	CONDUIT BY GEN. CONTR. AS NOTED ON DRAWINGS
3	SECURITY CAMERAS	DIEBOLD		OWNER	OWNER	CONDUIT BY GEN. CONTR. AS NOTED ON DRAWINGS
4	WALL PHONE			OWNER	OWNER	
5	NOT USED					
6	UST MONITORING SYSTEM			OWNER	GEN. CONTR.	START-UP BY AUTHORIZED SERVICE CONTRACTOR
7	PANTHER BOX	RADIANT		OWNER	OWNER	
8	NOT USED					
9	NOT USED					
10	ETHERNET HUB			OWNER	POS CONTR.	
11	SUBMERSIBLE PUMP CONTROLLERS			OWNER	BLDG. MANF.	
12	PANEL BOARD ASSEMBLY			OWNER	BLDG. MANF.	
13	RECEPTACLES - SURFACE MOUNTED			GEN. CONTR.	GEN. CONTR.	
14	RECEPTACLES - FLUSH MOUNTED			BLDG. MANF.	BLDG. MANF.	
15	10"x10" RACEWAY			GEN. CONTR.	GEN. CONTR.	
16	CONDUIT WITH SEALOFFS			GEN. CONTR.	GEN. CONTR.	
17	SAFETY SWITCH W/ FUSES			GEN. CONTR.	GEN. CONTR.	
18	METER SOCKET (VERIFY WITH ONE-LINE)			GEN. CONTR.	GEN. CONTR.	
19	THERMOSTAT			BLDG. MANF.	BLDG. MANF.	
20	BLDG. HEATER			BLDG. MANF.	GEN. CONTR.	
21	BLDG. AIR CONDITIONER			BLDG. MANF.	BLDG. MANF.	
22	BLDG. LIGHTS			BLDG. MANF.	BLDG. MANF.	
23	EMERGENCY STOP SWITCH AT BUILDING			OWNER	BLDG. MANF.	IF VENEER KIOSK, THEN INSTALLED BY CONTRACTOR
24	RECESSED BLDG. PHONE JACKS AND WIRING			BLDG. MANF.	BLDG. MANF.	
25	TELEPHONE JUNCTION BOX			BLDG. MANF.	BLDG. MANF.	
26	LIGHT SENSOR			OWNER	BLDG. MANF.	
27	POS SYSTEM	RADIANT		OWNER	OWNER	
28	INTERCOM SYSTEM	ESCO INTRACOM		OWNER	GEN. CONTR.	
29	NOT USED					
30	NOT USED					
31	25 PAIR TELEPHONE CONDUCTOR			OWNER	OWNER	CONDUIT BY GEN. CONTR. AS NOTED ON DRAWINGS

### ELECTRICAL MATERIALS LIST

NOT TO SCALE



### SERVICE GROUNDING

SCALE: NOT TO SCALE

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The Kroger Co.

**Kroger**

REVISIONS		DATE		
No.	DESCRIPTION			

Project #: A-765  
Date: APRIL, 2022  
Scale: FULL  
Disk File: KroA765\_E2.0-PANEL  
Model: 5(GD) 1RR w/ Floor

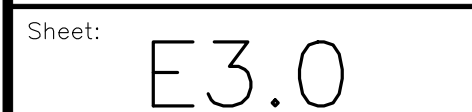
Address: 601 Woodman Drive  
Riverside, OH 45404

**ELECTRICAL PLANS AND DETAILS**

Sheet:

**E2.0**

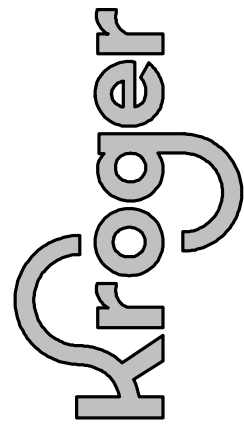






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The Kroger Co.  
Supermarket Petroleum Group  
Project: 765  
Phone: (303) 715-5901  
Fax: (303) 715-5905



REVISIONS

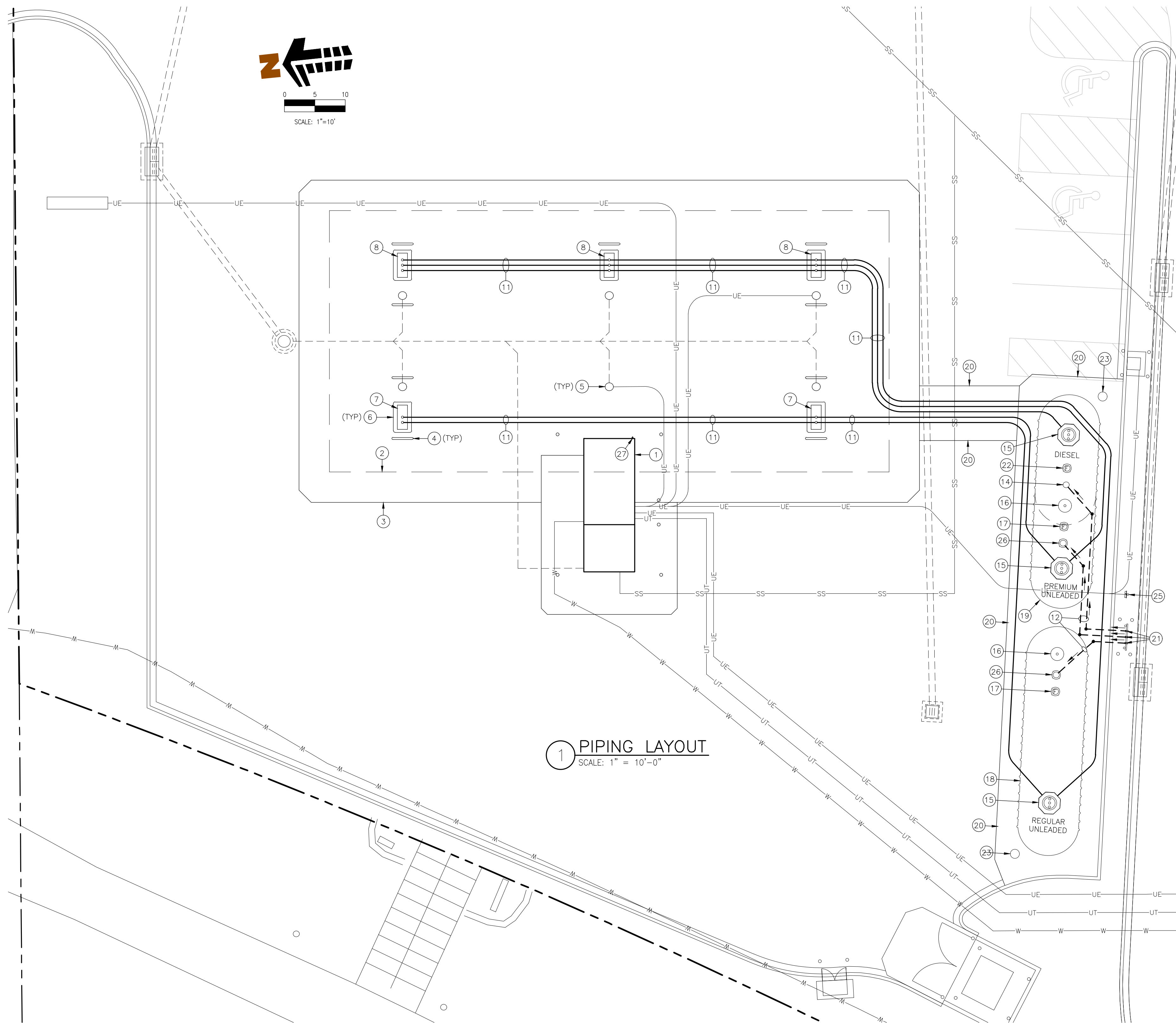
No.	DESCRIPTION	DATE

Project #: A-765  
Date: APRIL, 2022  
Scale: FULL  
Disk File: KroA765\_T1.0-PIPE  
Model: 5(GD) 1RR w/ Floor

Address: 601 Woodman Drive  
Riverside, OH 45404

FUELING LAYOUT

Sheet: T1.0



LEGEND

- DOUBLE WALL PRODUCT PIPING
- SINGLE WALL FIBERGLASS VENT PIPING
- DIRECTION OF FLOW

CONTRACTOR SHALL FURNISH AND INSTALL A 6" WIDE MARKING TAPE (EMPIRE MAGNATEC #31-143) IN EACH TRENCH WHEN BACKFILLING SUPPLY, VAPOR RETURN, AND VENT LINES

NOTE: ON SITES WITH REMOTELY LOCATED FUEL TANKS OR REMOTE VENTS INSTALL CONCRETE PAVING ABOVE FUEL PIPING AND/OR VENT PIPING TRENCH. SEE CIVIL PLANS FOR DETAILS

SCHEDULE NOTES

- SALES KIOSK. SEE ARCHITECTURAL AND SITE DEVELOPMENT DRAWINGS FOR ANY SITE SPECIFIC RESTROOM REQUIREMENTS.
- EDGE OF CANOPY ABOVE.
- 6" CONCRETE CANOPY DRIVE SLAB.
- U SHAPED PIPE BOLLARD (TYP.).
- CANOPY COLUMN (TYP.).
- DISPENSER ISLAND (TYP.).
- PRODUCT DISPENSER (3+0) (GAS ONLY).
- PRODUCT DISPENSER (3+1) (GAS + DIESEL).
- NOT USED
- NOT USED
- 1-1/2" FLEXIBLE DOUBLE WALL PRODUCT PIPING IN 4" FLEXIBLE ACCESS DUCT. NO SLOPE REQUIRED BETWEEN DISPENSERS. NO LIQUID TRAPS OR HIGH SPOTS ALLOWED IN PIPE RUN. SLOPE DOWN 1/8" PER FOOT MINIMUM FROM CLOSEST DISPENSER TO TANK.
- 2" SINGLE WALL RIGID FIBERGLASS VENT PIPING. SLOPE DOWN 1/8" PER FOOT MINIMUM TO TANK.
- NOT USED
- DIESEL ACCESS MANHOLE.
- SUBMERSIBLE PUMP MANHOLE.
- INTERSTITIAL MONITOR MANHOLE.
- GASOLINE FILL MANHOLE.
- SINGLE COMPARTMENT DOUBLE WALL UNDERGROUND STORAGE TANK (20,000 GALLON UNLEADED).
- TWO COMPARTMENT DOUBLE WALL UNDERGROUND STORAGE TANK (10,000 GALLON DIESEL AND 8,000 GALLON PREMIUM UNLEADED).
- 8" CONCRETE TANK SLAB.
- 2" BLACK STEEL VENT RISER.
- DIESEL FILL MANHOLE.
- TANK OBSERVATION WELLS.
- NOT USED
- INSTALL TANK OVERFILL ALARM AND ACKNOWLEDGEMENT SWITCH - SEE DETAIL 3/T4.0. LOCATE TO PROVIDE UNOBSTRUCTED VIEW FOR DELIVERY VEHICLE OPERATOR.
- STAGE I VAPOR RECOVERY MANHOLE.
- EMERGENCY STOP BUTTON. ALL DISPENSERS MUST BE WITHIN 100' OF AN EMERGENCY STOP BUTTON.

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TANKS				
ITEM	BY	DESCRIPTION	MANUFACTURER	COMMENTS
1				
2	OWNER	TANK: 20,000 GALLON, 10' DIA. NOMINAL DOUBLE WALL FIBERGLASS TANK, 22" MANWAY, STEEL STRIKE PLATES, TIE DOWN GUIDES AND DEADMEN PACKAGE. TANK SHALL BE UL 1316 APPROVED AND METHANOL APPROVED.	"XERXES CORPORATION" MODEL NO. 622-057, DWT-II 10-20,000 GAL w/ HYDROSTATIC RESERVOIR, w/ DEADMEN PKG. AS REQUIRED	
3	OWNER	TANK: 10,000/8,000 GALLON, 10' DIA. NOMINAL DOUBLE WALL FIBERGLASS TANK, 22" MANWAYS, STEEL STRIKE PLATES, TIE DOWN GUIDES AND DEADMEN PACKAGE. TANK SHALL BE UL 1316 APPROVED AND METHANOL APPROVED.	"XERXES CORPORATION" MODEL NO. 632-108 DWT II; 10-10,000/8,000 GAL w/ HYDROSTATIC RESERVOIR, w/ DEADMEN PKG. AS REQUIRED	
4				
5				
6				
7				

STAGE I SUMP AND VENT EQUIPMENT - (ALL AREAS)				
ITEM	BY	DESCRIPTION	MANUFACTURER	COMMENTS
8	OWNER	5 GALLON, DOUBLE WALL SPILL CONTAINER WITH INLINE DRAIN. PER CARB EXEC ORDER VR-102.	"OPW" MODEL NO. 1C-3112D	
9	OWNER	5 GALLON, SINGLE WALL GRADE LEVEL SPILL CONTAINERS WITH REPLACEABLE BELLOWS. PER CARB EXEC ORDER VR-102. INCLUDES INSTALLATION SHIM KIT	"OPW" MODEL NO. 1C-3101P "OPW" MODEL NO. H12267	
10				
11				
12	OWNER	JACKSCREW DEVICE	"OPW" MODEL NO. 61-JSK-44CB	
13	OWNER	SHORT FACE SEAL ADAPTER	"OPW" MODEL NO. FSA-400-S	
14	OWNER	4" LOCKABLE PIPE CAP	"OPW" MODEL NO. 62PMC-0400	
15	OWNER	FILL SWIVEL ADAPTER - PER CARB EVR EXEC ORDER VR-102	"OPW" MODEL NO. 61-SALP-1020-EVR	
16	OWNER	FILL CAP - PER CARB EVR EXEC ORDER VR-102	"OPW" MODEL NO. 634TT-7085-EVR	
17	OWNER	VAPOR CHECK SWIVEL ADAPTER - PER CARB EVR EXEC ORDER VR-102	"OPW" MODEL NO. 61-VSA-1020-EVR	
18	OWNER	VAPOR CAP - PER CARB EVR EXEC ORDER VR-102	"OPW" MODEL NO. 1711T-EVR	
19	OWNER	4"x10' VAPOR TIGHT OVERFILL PREVENTION VALVE DROP TUBE	"OPW" MODEL NO. 71SO-410C	
20				
21	OWNER	4"x4"x3"x2" EXTRACTOR CROSS FITTING W/O CAGE	"OPW" MODEL NO. 233-4432	
22				
23	OWNER	4"x4"x2" EXTRACTOR TEE FITTING W/O CAGE	"OPW" MODEL NO. 233-4420	
24				
25	G.C.	4" BLACK STEEL PIPE RISER - LENGTH AS REQUIRED	"ANVIL" OR EQUAL	
26	OWNER	3"x18" FLEX CONNECTOR - 3" MALE x 3" E2-FIT (VAPOR AT SUMP)	"FLEXING" MODEL NO. 318MEZ	
27	OWNER	2"x18" LONG FLEX CONNECTOR - 2" FEMALE x MALE SWIVEL (VENT AT SUMP)	"OMEGA FLEX, INC." MODEL NO. OF-218MSF-FS	
28	OWNER	2"x30" LONG FLEX CONNECTOR - 2" FEMALE x MALE (VENT STACK)	"OMEGA FLEX, INC." MODEL NO. OF-2X30MXF	
29	OWNER	3.5"x40" ISOLATION JACKET W/ 3.5"x2.4" REDUCER DONUT (VENT STACK)	"FLEXING" MODEL NO. YJ32KIT-40	
30				
31	OWNER	2" THREADED PRESSURE-VACUUM VENT CAP WITH 8 OZ. PRESSURE AND 1/2 OZ. VACUUM. (GASOLINE W/O STAGE II & OR E-85 APPLICATIONS)	"HUSKY" MODEL NO. 4885	NO STAGE II APPS
32	OWNER	DIESEL VENT CAP - SLIP ON ATMOSPHERIC	"OPW" MODEL NO. OPW-23-0033	
33	OWNER	PRODUCT IDENTIFICATION TANK COLLAR TAG "UNLEADED REGULAR" PRODUCT IDENTIFICATION TANK COLLAR TAG "PREMIUM UNLEADED" PRODUCT IDENTIFICATION TANK COLLAR TAG "VAPOR RECOVERY" PRODUCT IDENTIFICATION TANK COLLAR TAG "ULTRA-LOW SULFUR DIESEL"	"UNITED SIGN" MODEL NO. 1TAG-1010 "UNITED SIGN" MODEL NO. 1TAG-3010 "UNITED SIGN" MODEL NO. 1TAG-4210 "UNITED SIGN" MODEL NO. 1TAG-7010	

DISPENSERS				
ITEM	BY	DESCRIPTION (BLENDERS)	MANUFACTURER	COMMENTS
50	OWNER	"OVATION 2" H-FRAME BLENDING MULTI-PRODUCT DISPENSER: 3-GRADE, 2-SIDED, 1 HOSE PER SIDE, w/ CARD READER OPTIONS. CONFIGURED AS REQUIRED FOR SITE SPECIFIC CONDITIONS AND MARKETS. FOR GASOLINE ONLY	"WAYNE" OVATION 2 SERIES MODEL NO. B12/322XD6/K/N (3+0 GASOLINE ONLY)	"X"=0 BALANCE READY "X"=1 BALANCE "X"=3 WAYNE VAC "X"=6 HEALY VAC W/ ISD
51	OWNER	"OVATION 2" H-FRAME BLENDING MULTI-PRODUCT DISPENSER: 4-GRADE, 2-SIDED, 2 HOSE PER SIDE, w/ CARD READER OPTIONS. CONFIGURED AS REQUIRED FOR SITE SPECIFIC CONDITIONS AND MARKETS. FOR GASOLINE & AUTO DIESEL	"WAYNE" OVATION 2 SERIES MODEL NO. B23/422XD6/K/N (3+1 GASOLINE/DIESEL)	"X"=0 BALANCE READY "X"=1 BALANCE "X"=3 WAYNE VAC "X"=6 HEALY VAC W/ ISD
52				
53				

DISPENSER HANGING HARDWARE & STAGE II SOLUTIONS (CHOOSE PER AREA)				
ITEM	BY	DESCRIPTION	MANUFACTURER	COMMENTS
60				
61				
62				
63				
64				
65				

EQUIPMENT SOLUTION FOR "ORVR BALANCE" AREAS				
ITEM	BY	DESCRIPTION	MANUFACTURER	COMMENTS
60				
61				
62				
63				
64				
65				

ITEM	BY	DESCRIPTION	MANUFACTURER	COMMENTS
60				
61				
62				
63				
64				
65				
66				

EQUIPMENT SOLUTION FOR NON STAGE II AREAS				
ITEM	BY	DESCRIPTION	MANUFACTURER	COMMENTS
60	OWNER	STANDARD DISPENSER NOZZLE- U.L. LABELED, HOLD OPEN PRESSURE SENSITIVE AUTOMATIC NOZZLE WITH UNLEADED SPOUT AND BLACK FULL HAND INSULATOR AND BLACK SPLASH GUARD.	"OPW" MODEL NO. OPW-11BP-8400-UL 3/4" NEW UL2586 UNL W/CLP BLK W/ SPLSH	
61	OWNER	STANDARD NOZZLE SWIVEL - U.L. LABELED, 3/4"F x 3/4"M	"HUSKY" MODEL NO. 0350	
62	OWNER	STANDARD FUEL HOSE - 3/4" x 9'-0" BLACK HARDWALL GASOLINE HOSE	"HUSKY" MODEL NO. HH-CP12HW09L	
63	OWNER	STANDARD WHIP HOSE - 3/4" x 8", U.L. LABELED, HARDWALL BLACK HOSE	"HUSKY" MODEL NO. HH-CP12HW.66L	
64	OWNER	STANDARD RECONNECTABLE MAGNETIC BREAKAWAY VALVE - U.L. LABELED	"CATLOW" MODEL NO. CTM75	
65				

EQUIPMENT SOLUTION FOR DIESEL DISPENSING (ALL AREAS)				
ITEM	BY	DESCRIPTION	MANUFACTURER	COMMENTS
70	OWNER	DIESEL DISPENSER NOZZLE- U.L. LABELED, HOLD OPEN PRESSURE SENSITIVE AUTOMATIC NOZZLE WITH DIESEL SPOUT AND GREEN FULL HAND INSULATOR AND GREEN SLASH GUARD	"OPW" MODEL NO. OPW-11B-8100-UL 3/4" NEW UL2586 LFD W/CLP GRN W/ SPLSH	
71	OWNER	DIESEL NOZZLE SWIVEL - U.L. LABELED, 3/4"F x 3/4"M	"HUSKY" MODEL NO. 0350	
72	OWNER	DIESEL FUEL HOSE - 3/4" x 9'-0", U.L. LABELED, GREEN HARDWALL DIESEL HOSE	"HUSKY" MODEL NO. HH-CP12HW09L	
73	OWNER	DIESEL FUEL WHIP HOSE - 3/4" x 8", U.L. LABELED, BLACK HARDWALL DIESEL HOSE	"HUSKY" MODEL NO. HH-CP12HW.66L	
74	OWNER	DIESEL RECONNECTABLE MAGNETIC BREAKAWAY VALVE - U.L. LABELED	"CATLOW" MODEL NO. CTM75	

NOTE: THIS MATERIALS EQUIPMENT SCHEDULE IS NOT A COMPLETE LIST OF MATERIALS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MISCELLANEOUS EQUIPMENT, FITTINGS, MATERIALS AND DEVICES NECESSARY TO PROVIDE A COMPLETE AND OPERABLE SYSTEM. CONTRACTOR TO COORDINATE MATERIALS DELIVERY SCHEDULE AND VERIFY EQUIPMENT COUNTS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THAT ALL EQUIPMENT ARRIVES AT SITE IN UNDAMAGED CONDITION.

OTHER EQUIPMENT AT DISPENSERS (ALL AREAS)				
ITEM	BY	DESCRIPTION	MANUFACTURER	COMMENTS
80	OWNER	1-1/2" PRODUCT IMPACT VALVE DOUBLE POPPET WITH FUSIBLE LINK WITH U-BOLT INSTALLATION KIT	"OPW-LOOP" INCLUDED WITH ITEM #86	
81				
82				
83				
84	G.C.	1-1/2" BLACK STEEL PIPE AND FITTINGS	SCHEDULE 40	
85	OWNER	1-1/2" X 18" MALE X MALE SWIVEL FLEXIBLE CONNECTOR (PRODUCT)	"OMEGA FLEX, INC." MODEL NO. OF-11218MMS-FS	
86	OWNER	UNDER DISPENSER SPILL CONTAINMENT SUMP FOR "WAYNE OVATION" GASOLINE DISPENSERS (SINGLE WALL POLYETHYLENE) (CONTRACTOR TO PLUMB ALL FITTINGS - W/ ELECTRICAL CONDUIT OFFSET FRAME, SHEAR VALVE PLATES INCLUDED	"OPW-LOOP" MODEL NO. DSLR-15/20-1543-123567 (PASS-THRU) DSLR-15/20-1543-12367 (PASS-THRU/TERM.) DSLR-15/20-1543-123 (TERMINATION)	
87				
88	OWNER	5'-0"x3'-0"x13" HIGH, STAINLESS STEEL ISLAND FORM WITH 6" RADIUS CORNERS.	"RIVERSIDE STEEL" MODEL NO. 3x5x13 SS	
89	OWNER	41"x74"x4"Ø SCH. 40 DISPENSER ISLAND TRAFFIC U PIPE GUARD	"OPW" MODEL NO. 6PGR4-4174	
90				

TURBINE SUMP EQUIPMENT (ALL AREAS)				
ITEM	BY	DESCRIPTION	MANUFACTURER	COMMENTS
100	OWNER	2 HORSEPOWER, VARIABLE LENGTH SUBMERSIBLE PUMP WITH VARIABLE FREQUENCY CONTROLLER, U.L. LABELED, 240 VOLT, THREE PHASE, CHECK VALVE FOR USE WITH LINE LEAK DETECTION SYSTEM, AND INTAKE FILTER.	"FE PETRO" MODEL NO. STPKM-VS2-VL2-24 "FE PETRO" MODEL NO. MAG-VFC	
101	OWNER	4 HORSEPOWER, VARIABLE LENGTH SUBMERSIBLE PUMP WITH VARIABLE FREQUENCY CONTROLLER, U.L. LABELED, 240 VOLT, THREE PHASE, CHECK VALVE FOR USE WITH LINE LEAK DETECTION SYSTEM, AND INTAKE FILTER.	"FE PETRO" MODEL NO. STPKM-VS4-VL2-24 "FE PETRO" MODEL NO. MAG-VSC	
102	OWNER	1 1/2 HORSEPOWER, VARIABLE LENGTH, FIXED SPEED, SUBMERSIBLE PUMP, U.L. LABELED, 240 VOLT, SINGLE PHASE, WITH CHECK VALVE FOR USE WITH LINE LEAK DETECTION SYSTEM, AND INTAKE FILTER.	"FE PETRO" MODEL NO. STPKR150-VL2-24 "FE PETRO" MODEL NO. STP-SCI CONTROLLER WITH FRANKLIN ATG ONLY	DIESEL TURBINE
103				
104	OWNER	2" BALL VALVE-FULL PORT (FOR TURBINE PRODUCT LINES GASOLINE AND DIESEL)	"JOMAR" MODEL NO. JI-T100-2PC	
105	OWNER	42" SINGLE WALL CONTAINMENT SUMP	"BRAVO" MODEL NO. BR-B427X33-38T-22B-PP-SL	FG LAMINATION KIT INCLUDED ON ORDER
106	G.C.	2" OR 3" BLACK STEEL PIPE AND FITTINGS	SCHEDULE 40	
107				

MANHOLES (ALL AREAS)				
ITEM	BY	DESCRIPTION	MANUFACTURER	COMMENTS
110	OWNER	36" WATER-TIGHT TITAN I COMPOSITE MANWAY COVER WITH SKIRT AND FRAME (AT TURBINES)	"BRAVO" MODEL NO. M1WT36-12	
111	OWNER	24" DIA. ROUND ACCESS MANHOLE, BOLT DOWN, WATER TIGHT AND TRAFFIC RATED (ANNULAR)	"EMCO WHEATON" MODEL NO. A717 24" BOLTED R/T	
112	OWNER	12" DIA. ROUND OBSERVATION MANHOLE, BOLT-DOWN, WATER TIGHT AND TRAFFIC RATED WITH IDENTIFICATION TRIANGLE WITH 4" OBSERVATION PLUG	"EMCO WHEATON" MODEL NO. A0721 12" W/ E772 4" WELL PLUG	
113				
114	OWNER	12" DIA. ROUND ACCESS MANHOLE, BOLT-DOWN, TRAFFIC RATED	"EMCO WHEATON" MODEL NO. A717-022B	

PENETRATION FITTINGS				
ITEM	BY	DESCRIPTION	MANUFACTURER	COMMENTS
120	OWNER	3/4" CONDUIT RIGID ENTRY FITTING	"OPW/FLEXWORKS" MODEL NO. REF-0075C	
121	OWNER	2" RIGID ENTRY FITTING	"OPW/FLEXWORKS" MODEL NO. REF-0200	
122				
123				
124	OWNER	4" x 1-1/2" RIGID ENTRY FITTING 4" x 2" RIGID ENTRY FITTING	"OPW-LOOP" MODEL NO. REF-4015 "OPW-LOOP" MODEL NO. REF-4020	

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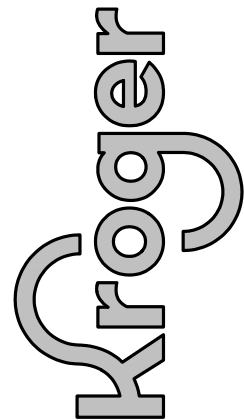
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No.	DESCRIPTION	REVISIONS			
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Date: APRIL, 2022  
Scale: FULL  
Disk File: KroA765\_T2.0-MATS  
Model: 5(GD) 1RR w/ Floor  
Address: 601 Woodman Drive  
Riverside, OH 45404

TANKS AND PIPING  
MATERIALS LIST  
(1 OF 2)

Sheet: T2.0



FLEXIBLE PRODUCT PIPING AND FITTINGS				
ITEM	BY	DESCRIPTION	MANUFACTURER	COMMENTS
140	OWNER	1-1/2" DOUBLE WALL FLEXIBLE PIPING – UL 971 LISTED OR 2" DOUBLE WALL FLEXIBLE PIPING – UL 971 LISTED	"OPW/FLEXWORKS" MODEL NO. C15A "OPW/FLEXWORKS" MODEL NO. C20A	
141	OWNER	4" ACCESS PIPE	"OPW/FLEXWORKS" MODEL NO. AXP40	
142	OWNER	TEST TUBE TERMINATION	"OPW/FLEXWORKS" MODEL NO. TTT–2536	
143	OWNER	1-1/2" DOUBLE WALL SWIVEL PIPE COUPLING OR 2" DOUBLE WALL SWIVEL PIPE COUPLING	"OPW/FLEXWORKS" MODEL NO. DPC–2150A "OPW/FLEXWORKS" MODEL NO. DPC–2200A	
144	OWNER	1-1/2" x 1-1/2" NPT TEE OR 2" x 1-1/2" NPT TEE	"OPW/FLEXWORKS" MODEL NO. STF–1515 "OPW/FLEXWORKS" MODEL NO. STF–2215	
145	OWNER	1-1/2" x 1-1/2" NPT ELBOW OR 2" x 1-1/2" NPT REDUCING ELBOW	"OPW/FLEXWORKS" MODEL NO. SEF–1515 "OPW/FLEXWORKS" MODEL NO. SRE–2015	
146	OWNER	1-1/2" x 2" MALE NPT ADAPTER OR 2" x 2" NPT MALE ADAPTER	"OPW/FLEXWORKS" MODEL NO. SMA–1520 "OPW/FLEXWORKS" MODEL NO. SMA–2020	
147	OWNER	TEST JUMPER FOR AIR STEMS	"OPW/FLEXWORKS" MODEL NO. TCT–2509	
FIBERGLASS PIPING AND FITTINGS (ALL AREAS)				
ITEM	BY	DESCRIPTION	MANUFACTURER	COMMENTS
150	G.C.	2" (PRIMARY) FIBERGLASS PIPE, SPIGOT x SPIGOT – 20' LENGTH/32' LENGTH	"NOV DUALOY 3000/L" MOD. NO. 22854386/ 22856486 OR "RED THREAD IIA" 011020–069	
151	G.C.	2" SLEEVE COUPLING (PRIMARY)	"NOV DUALOY 3000/L" MODEL NO. 22850707 OR "RED THREAD IIA" 012020–101–8	
152	G.C.	2" 90 DEGREE ELBOW (PRIMARY)	"NOV DUALOY 3000/L" MODEL NO. 22372108 OR "RED THREAD IIA" 012020–360–4	
153	G.C.	2" 45 DEGREE ELBOW (PRIMARY)	"NOV DUALOY 3000/L" MODEL NO. 22371508 OR "RED THREAD IIA" 012020–310–4	
154	G.C.	2" TEE (PRIMARY)	"NOV DUALOY 3000/L" MODEL NO. 22378007 OR "RED THREAD IIA" 012020–410–4	
155	G.C.	2" BELL x MALE FRP ADAPTER (PRIMARY)	"NOV DUALOY 3000/L" MODEL NO. 22370202 OR "RED THREAD IIA" 012020–191–4	
156	G.C.	2" END CAP	"NOV DUALOY 3000/L" MODEL NO. 22375001 OR "RED THREAD IIA" 012020–180–4	
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173	G.C.	ADDITIONAL SIMILAR FRP FITTING TYPES MAY BE REQUIRED AND SHALL BE PROVIDED BY THE CONTRACTOR.	"NOV FIBERGLASS DUALOY 3000/L" OR "RED THREAD IIA"	AS NEEDED PER PROJECT REQUIREMENTS

MISCELLANEOUS EQUIPMENT (ALL AREAS)				
ITEM	BY	DESCRIPTION	MANUFACTURER	COMMENTS
180	G.C.	4" DIA. PIPE 7'-0" LG. MAX. WITH TWO (2) 4" NPT BELL X MALE ADAPTERS (FOR HYDROSTATIC TANK MONITOR)	4" SINGLE WALL FRP	SCH. 40 PVC ACCEPTABLE
181	G.C.	4" FACTORY SLOTTED PVC–1 PIPE, 0.02 SLOTS OR AS REQUIRED FOR LOCAL REGULATIONS W/ CAPPED BOTTOM (LENGTH AS REQUIRED)	BY G.C.	
182	G.C.	4" PVC COUPLER, PRESS FIT WITH NO SOLVENT GLUES	BY G.C.	
183	G.C.	4" SCH 40 SOLID PVC PIPING	BY G.C.	
184	G.C.	3/4" & 1" RIGID CONDUIT, J–BOXES, SEALOFFS	BY G.C.	
185				
186	OWNER	INTERCOM TO DISPENSERS (CONSOLE MOUNTED AT SALES COUNTER BY GENERAL CONTRACTOR)	ESCO INTRACOM DISPENSER MOUNTED SPEAKERS BY DISPENSER MANUFACTURER	
190				
191				
192				
193				
194				
195				
196				
197	OWNER	LOW VOLTAGE DISCONNECT SYSTEM WITH OR WITHOUT VIDEO. OWNER TO ORDER APPROPRIATE MODEL	SAME AS PREFABRICATED ELECTRICAL SYSTEM	

NOTE: THIS MATERIALS EQUIPMENT SCHEDULE IS NOT A COMPLETE LIST OF MATERIALS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MISCELLANEOUS EQUIPMENT, FITTINGS, MATERIALS AND DEVICES NECESSARY TO PROVIDE A COMPLETE AND OPERABLE SYSTEM. CONTRACTOR TO COORDINATE MATERIALS DELIVERY SCHEDULE AND VERIFY EQUIPMENT COUNTS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THAT ALL EQUIPMENT ARRIVES AT SITE IN UNDAMAGED CONDITION.

INCON EQUIPMENT (ALL AREAS)				
ITEM	BY	DESCRIPTION	MANUFACTURER	COMMENTS
200	OWNER	TS–550 EVO FUEL MANAGEMENT SYSTEM WITH DISPLAY, INTEGRAL PRINTER, AND INTEGRAL TURBINE PUMP INTERFACE WITH: ELECTRIC LINE LEAK DETECTION SOFTWARE, 3 GPH 12 INPUT PROBE MODULE 8 INPUT 3 WIRE SENSOR MODULE (INTERSTITIAL & SUMP) 12 INPUT 2 WIRE SENSOR MODULE 8 INPUT 4–20MA MODUOE (PLLD) 12 INPUT AC DISPENSER HOOK INPUTS (NO DH'S REQ'D.) 3 LINE LEAK TRANSDUCER KIT	"FRANKLIN FUELING" MODEL NO. TS–550 EVO "FRANKLIN FUELING" MODEL NO. TS–ELLD "FRANKLIN FUELING" MODEL NO. TS–PRB "FRANKLIN FUELING" MODEL NO. TS–3WSNS "FRANKLIN FUELING" MODEL NO. TS–2WSNS "FRANKLIN FUELING" MODEL NO. TS–420IB "FRANKLIN FUELING" MODEL NO. TS–ACI "FRANKLIN FUELING" MODEL NO. TS–LS500/3	
201	OWNER	SUMP PIPING LIQUID SENSOR (UNIVERSAL)	"FRANKLIN FUELING" MODEL NO. FMP–ULS	
202				
203				
204	OWNER	HYDROSTATIC SENSOR AND INSTALL KIT	"FRANKLIN FUELING" MODEL NO. FMP–HIS	
205	OWNER	TANK LEVEL MAG PROBE AND INSTALL KIT FOR USE ON 10'-6" OR 8'-0" DIAMETER XERXES FIBERGLASS TANK	"FRANKLIN FUELING" MODEL NO. TSP–K4A "FRANKLIN FUELING" MODEL NO. TSP–LL2–125	OR–101
206				
207	OWNER	4" FLOAT SET FOR MAG TANK LEVEL PROBE (GASOLINE)	"FRANKLIN FUELING" MODEL NO. TSP–IGF4	
208	OWNER	4" FLOAT SET FOR MAG TANK LEVEL PROBE (DIESEL)	"FRANKLIN FUELING" MODEL NO. TSP–IDF4	
209				
210	OWNER	TANK GAUGE PORT CAP AND ADAPTER, PER CARB EVR EXEC ORDER VR–101.	"OPW" MODEL NO. 62M–0375	
211	OWNER	RISER ADAPTER	"FRANKLIN FUELING" MODEL MF–4X4	
212	OWNER	3.0 GPH PRESSURE LINE LEAK TRANSDUCER AT TURBINES	"FRANKLIN FUELING" MODEL NO. TS–LS500/3	
213	OWNER	OVERFILL ALARM WITH HORN/STROBE	"FRANKLIN FUELING" MODEL NO. TS–RA1	
214	OWNER	ACKNOWLEDGEMENT SWITCH	"FRANKLIN FUELING" MODEL NO. TS–RK	
INCON TS-550 EVO FUEL MANAGEMENT SYSTEM SHALL BE THE PRIMARY MEANS OF TANK OVERFILL PREVENTION, SET TO ALARM AT 90% OF TANK CAPACITY.				

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Galloway

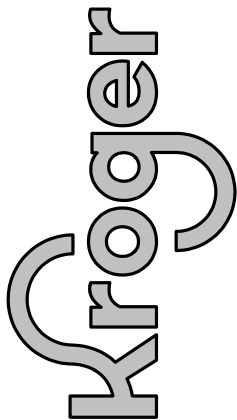
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REVISIONS

No.	DESCRIPTION	DATE

Project #:	A–765
Date:	APRIL, 2022
Scale:	FULL
Disk File:	KroA765_T2.1–MATS
Model:	5(GD) 1RR w/ Floor

Address: 601 Woodman Drive  
Riverside, OH 45404

TANKS AND PIPING MATERIALS LIST  
(2 OF 2)

Sheet:

T2.1





The diagram illustrates the installation of a tank within a sump. The tank has a diameter of 10.0 feet. It is supported by two 1.5-foot diameter gravel columns, each secured with a 67 x 1.5 x 36 deadman. The distance between the centers of the columns is 13'-6". The tank sits on a 12-inch thick base. Above the tank, there is a 4'-0" deep sump area containing a concrete slab at 87.6 lb/cf. The total height from the bottom of the tank to the top of the slab is 4'-0" minimum. A note indicates that the bury depth should refer to civil plans for actual values.

- 8" CONCRETE SLAB AT 87.6 LB/CF
- 4'-0" MIN. BURY DEPTH REFER TO CIVIL PLANS FOR ACTUAL BURY DEPTH
- SUMP
- TANK 10.0' DIA.
- 1.5' GRAVEL COLUMN
- .67' X 1.5' X .36 DEADMAN
- 12"
- 13'-6"
- 4'-0"
- 4'-0" MIN.

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IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CONFORM TO ALL CITY, COUNTY, AND STATE REGULATIONS. ANY QUESTIONS OR CLARIFICATIONS WHICH ARE DESIRED, CONTRACTORS SHALL ALSO VISIT THE SITE BEFORE BIDDING. CONTRACTORS ARE REQUIRED TO KNOW ALL OBSERVABLE

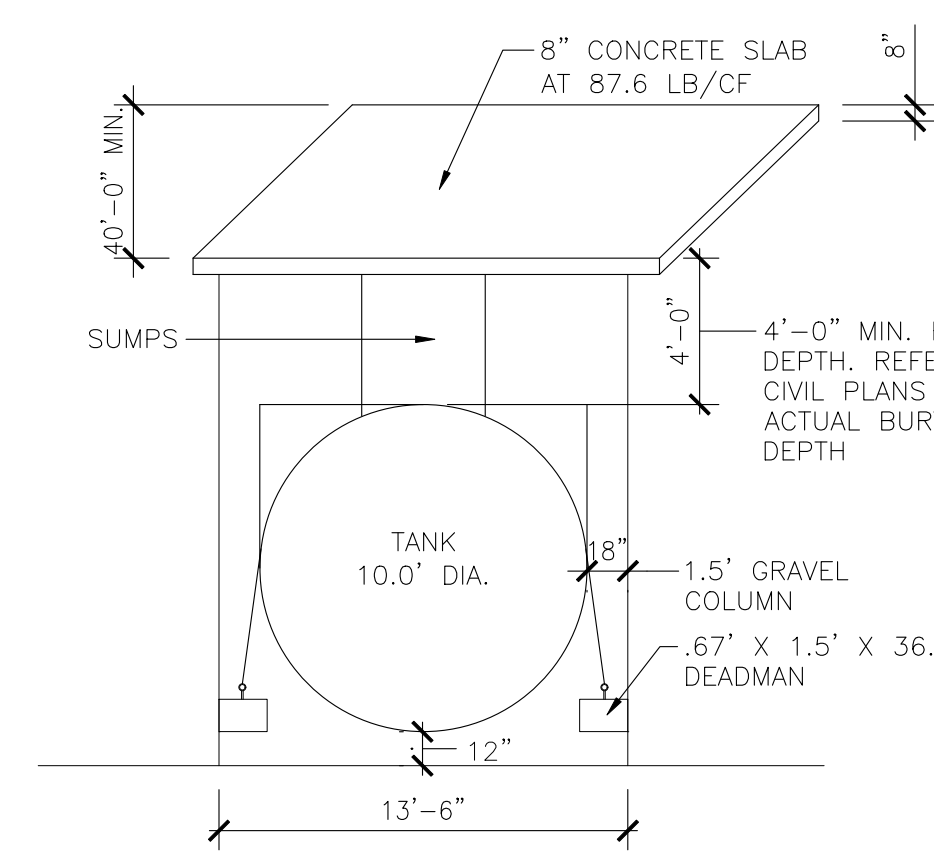
Project #:	A-765
Date:	APRIL, 2022
Scale:	FULL
Disk File:	KroA765_T3.0-TANK
Model:	5(GD) 1RR w/ Floor
Address:	601 Woodman Drive Riverside, OH 45404

## 20,000 GALLON TANK PLAN AND SECTION INSTALLATION DETAILS

Sheet: T3.0



#	SHEET NOTES
1	SET RIM OF ALL MANHOLES AT 1" ABOVE SURROUNDING GRADE. SLOPE CONCRETE AWAY FROM TOP OF RIM 3% MAX. SLOPE.
2	REINFORCE ENTIRE SLAB WITH #4 REBAR AT 12" O.C. EACH WAY.
3	REINFORCING BARS TO BE NO LESS THAN 2" AND NO MORE THAN 4" FROM SURFACE.
4	REINFORCE CONCRETE SLAB AROUND MANHOLE WITH 2 ROWS OF (4) #4 REBAR 60" IN LENGTH. PLACE REBAR 6" FROM SIDES OF BOX.
5	SINGLE 3/4" CONDUIT TO EACH SUBMERSIBLE PUMP. PROVIDE SEAL-OFF AT SUMP & BUILDING WIRING TROUGH. CONTAINS LINE VOLTAGE WIRING.
6	TWO (2) 1" MONITORING CONDUIT HOME RUNS TO EACH TANK. LOOP 3/4" CONDUIT RUNS FROM INTERSTITIAL SENSOR LOCATION TO CONTAINMENT SUMP SENSORS, TANK GAUGES & PLD's. PROVIDE SEAL-OFF IN BUILDING & AT TANK. ROUTE TO INTRINSICALLY SAFE TROUGH IN BUILDING. CONTAINS ONLY LOW VOLTAGE WIRING FOR SENSORS.
7	USE PEA GRAVEL CONSISTING OF NATURALLY ROUNDED AGGREGATE, MIN 1/8" & MAX OF 3/4" IN SIZE, FREE OF CLAY, SLAG, CINDERS, OR DEBRIS. ALL SUBSTITUTES MUST BE APPROVED BY MANUFACTURER'S & OWNER'S FIELD REPRESENTATIVE.
8	4" OBSERVATION SUMP DEPTH SHALL BE 24" BELOW TANK. DO NOT PENETRATE SOIL. DO NOT USE PVC CEMENT ON BOTTOM CAP OR OTHER COUPLINGS OR FITTINGS.
9	TANK EXCAVATION OBSERVATION MANHOLE (2). INSTALLED WITH TANKS, DO NOT DRILL AFTER INSTALLATION.
10	TANK PAD MINIMUM 3'-0" OFF OUTSIDE WALLS OF TANKS, AND MUST COVER THE FOOTPRINT OF THE TANKS. REQUIRED TO PROVIDE FOR PROPER TANK HOLD DOWN, AND TO PREVENT ACCIDENTAL DRILLING INTO TANK.
11	CHAMFER CUT SLAB CORNERS WHERE MEETING ASPHALT PAVING ONLY. SQUARE CUT CORNERS WHERE MEETING CONCRETE.
12	REFER TO SITE SPECIFIC PLANS FOR ACTUAL PIPE RUNS & NUMBER OF PRODUCT LINES (1 OR 2 PER UST SUMP).
13	TURBINE SUMP CONFIGURATION SHOWN IS TYPICAL. FOR SPECIFIC DESIGN CRITERIA AT THESE SUMPS SEE ACCOMPANYING TANK INSTALLATION SITE PLAN & SUMP DETAIL DRAWINGS.
14	TANK ANCHORING. CONSULT LOCAL REGULATIONS AND VERIFY REQUIREMENTS WITH OWNER'S REPRESENTATIVE.
15	NOT USED
16	OVERFILL PREVENTION VALVE SHALL BE SET AT 95% OF TANK CAPACITY.
17	TANK LEVEL GAUGE PROBE AND FLOAT KIT: FOR GASOLINE APPLICATIONS USE ITEMS: 605-203 FOR DIESEL APPLICATIONS USE ITEMS: 605-208



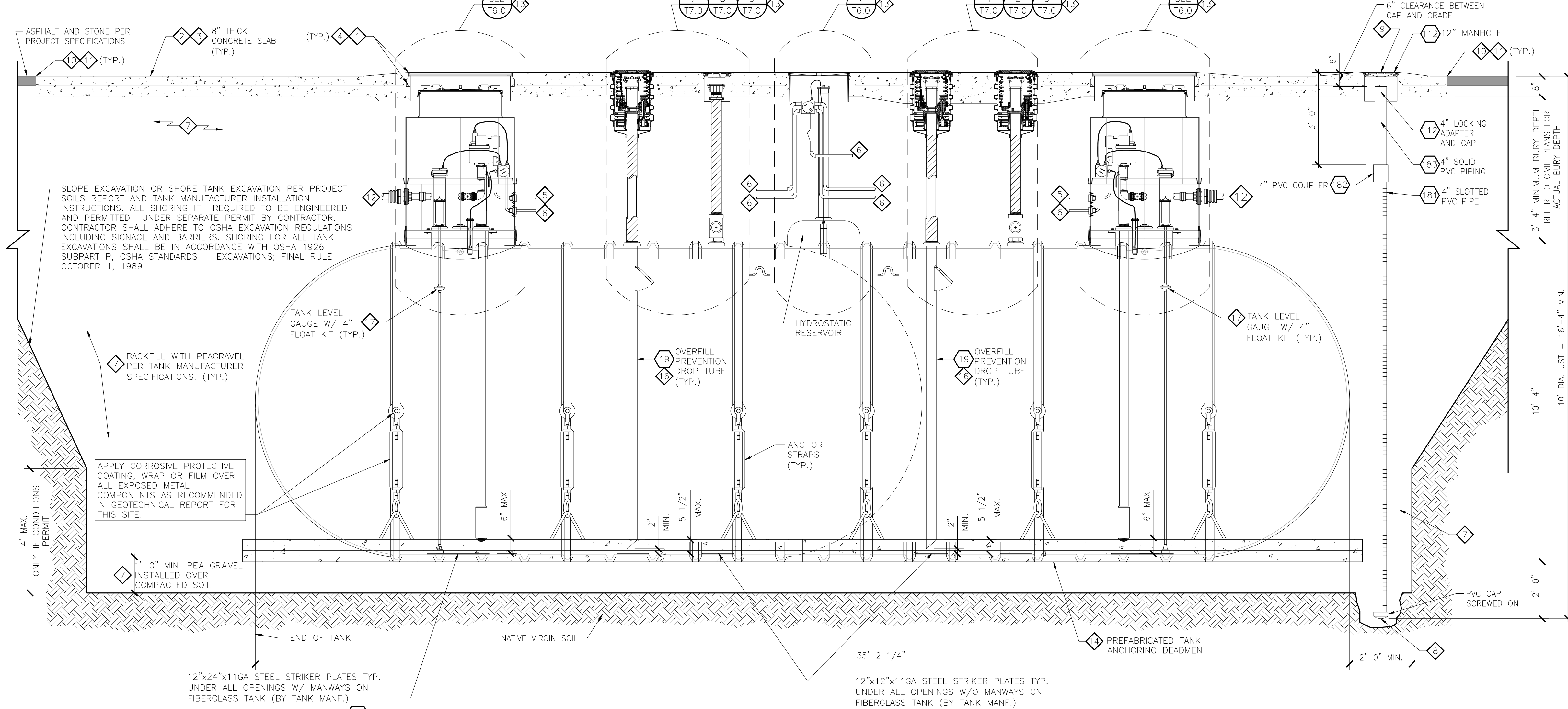
XERXES® a ccl company		Kroger	
DEADMAN BURIAL WATER AT GRADE		JWL	07/06/15
TANK DATA		INSTALLATION	
NOM. CAP. (GAL.)	18000	(10k x 8k)	TOTAL COVER INCLUDING SOIL &
TYPE (SINGLEWALL-LDW-3)	1	TOP SLAB (FT)	4.00
DRY-1; WET-2	2	TOP SLAB THICKNESS (IN)	8.00
NOM. TANK DIA. (FT.)	10	TOP SLAB LENGTH (FT)	37.19
PROD. STORED (GAL.)	0	TOP SLAB WIDTH (FT)	12.00
SPEC. GRAV. USED	1.00	DEADMAN LING (FT)	36.00
		DEADMAN WID (IN)	18.00
		DEADMAN THK (IN)	8.75
		OF 42" DIAMETER SUMPS	2
SAFETY FACTOR		TOTAL WEIGHTS	
DOWN FORCE/UP FORCE =		1.47 :1	
DOWN FORCES		UP FORCES	
CONCRETE WEIGHT	3310.00 LBS.	TANK DISP. FORCE	161972.82 LBS.
BACKFILL WEIGHT	193504.35 LBS.		
TANK WEIGHT	11900.00 LBS.		
PRODUCT WEIGHT	0.00 LBS.		
TOTAL DOWN FORCE-----		TOTAL UP FORCE-----	
238514.35 LBS.		161972.82 LBS.	
WORKSHEET		TANK DATA	
SHELL DIAMETER-----	10.00 FT. *	ACTUAL CAP (GAL)	18322.00
SHELL LENGTH-----	25.19 FT. *	TANK WT. (LBS.)	11900.00
DOMES PROJECTION-----	5.00 FT. *	O.A.L. (FT.)	35.19
MID POINT HEIGHT-----	8.33 FT. *	NUMBER OF RIBS	20.00
COLUMN HEIGHT-----	13.33 FT. *	DEADMAN A. (SQ FT)	78.54
RIB VOLUME-----	261.00 CU. IN.	DEADMAN VOL. (CU FT)	523.60
REINFORCED CONCRETE VOLUMES (CU. FT.)		BACKFILL VOLUMES (CU. FT.)	
TOP SLAB-----	297.50	OVER TANK SHELL-----	1045.71
FORCE - VOL. X 88 LBS/CF	26180.00	OVER TANK DOMES-----	392.70
		TOTAL WET VOLUME	3225.07
TOP SLAB & DEADMAN FORCE	33110.00 LBS.	FORCE = VOL. X 60 LBS/CF	193504.35 LBS.
TANK DATA		BUOYANCY	
SHELL VOLUME-----	2042.37 CU. FT.	SHELL VOLUME-----	2042.37 CU. FT.
DOMES VOLUME-----	523.60 CU. FT.	DOMES VOLUME-----	523.60 CU. FT.
RIB VOLUME-----	30.45 CU. FT.	TOTAL VOLUME	2596.42 CU. FT.
TOTAL VOLUME	2596.42 CU. FT.	VOL X 7.48 GAL/CU.FT.	19421.20 GALLONS
FORCE = GAL. X 8.34 (LBS./GAL.)	161972.82 LBS.		

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## 1 UNDERGROUND TANK PLAN

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

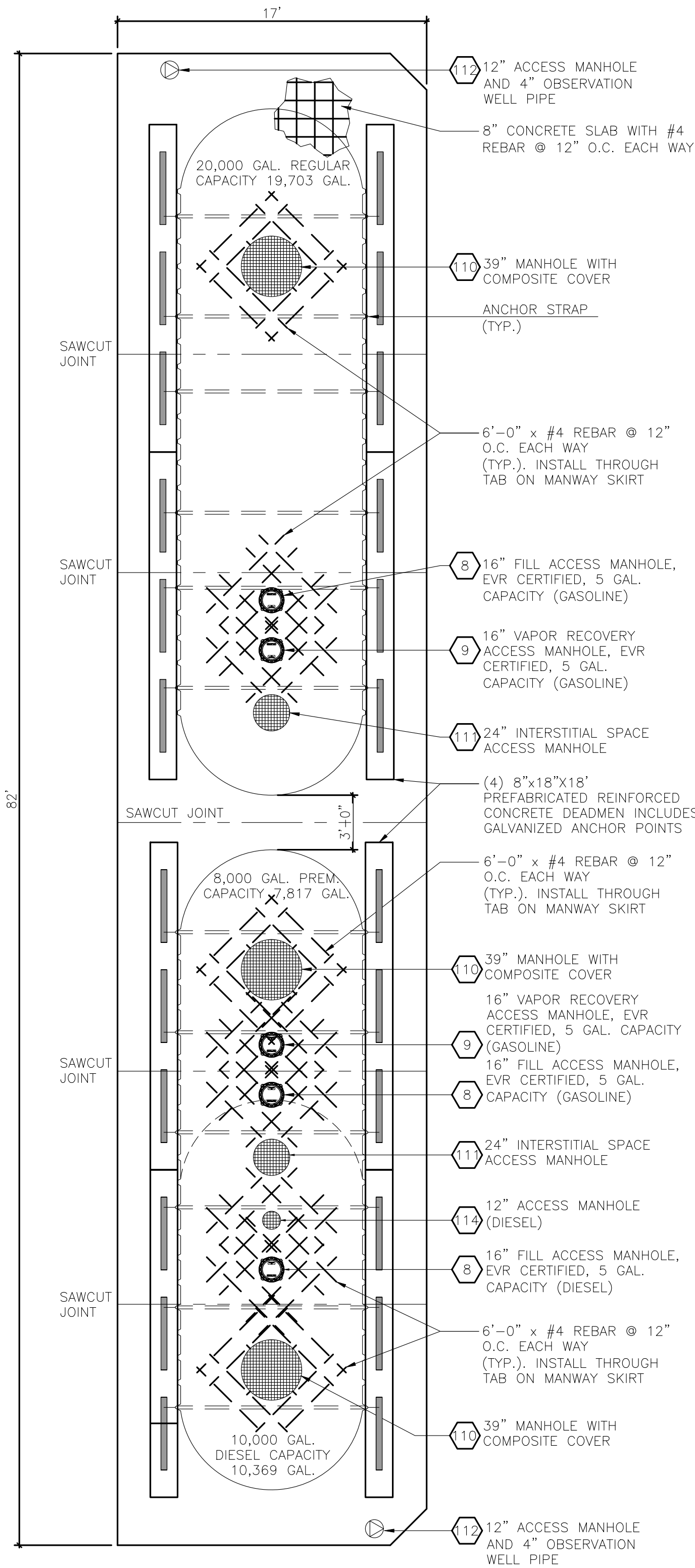


## 2 UNDERGROUND TANK SECTION

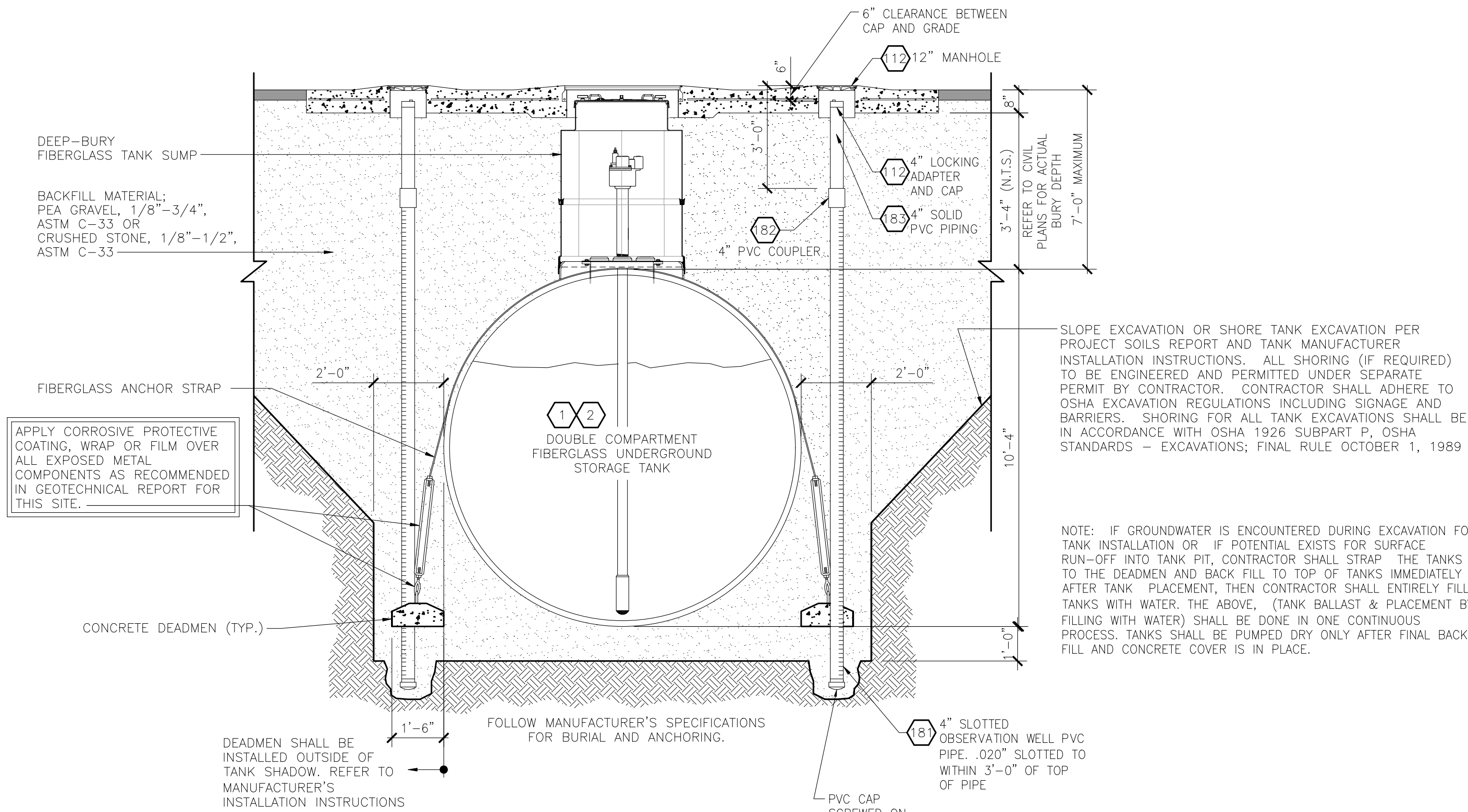
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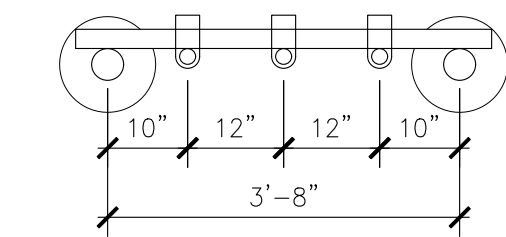
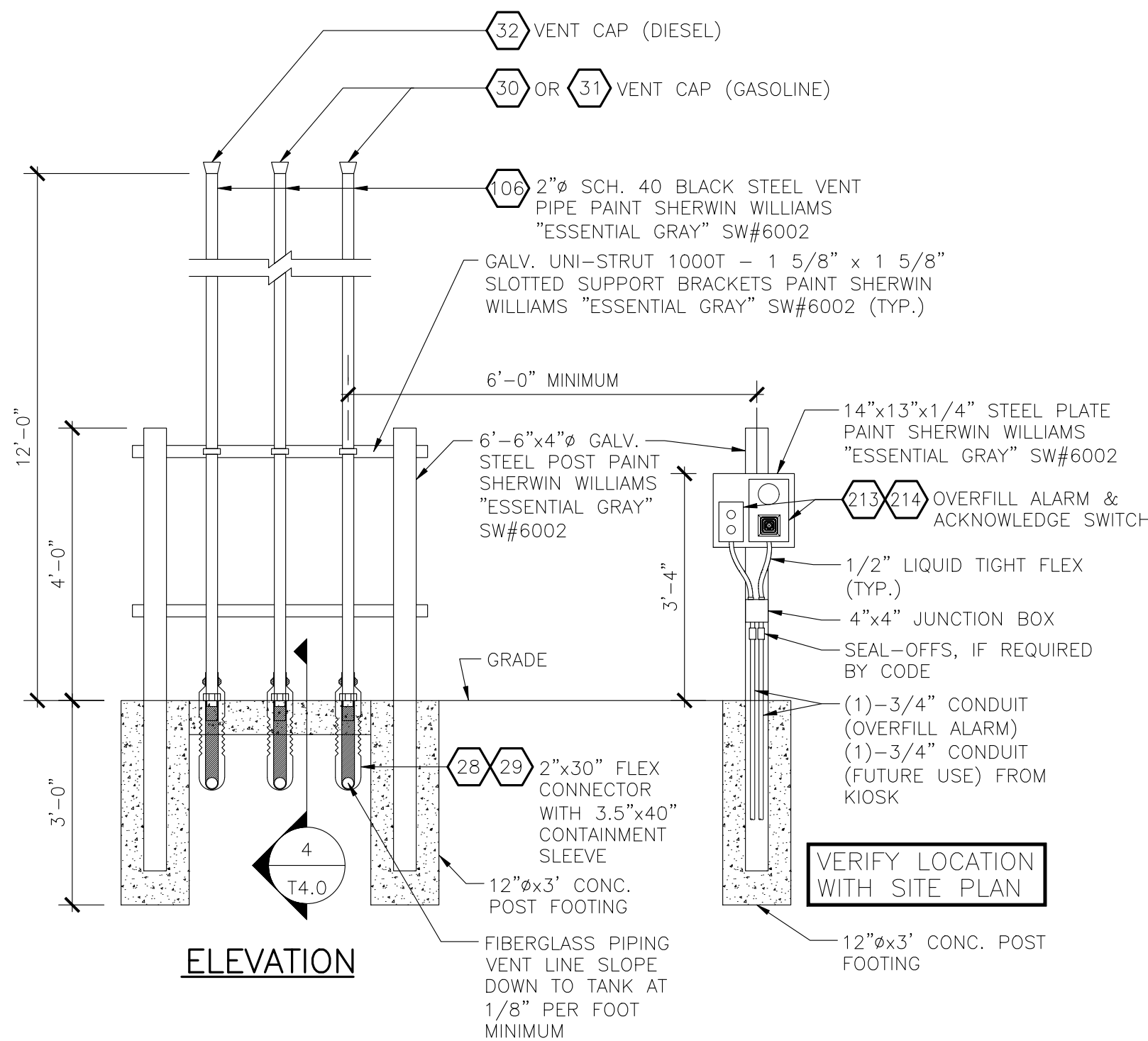




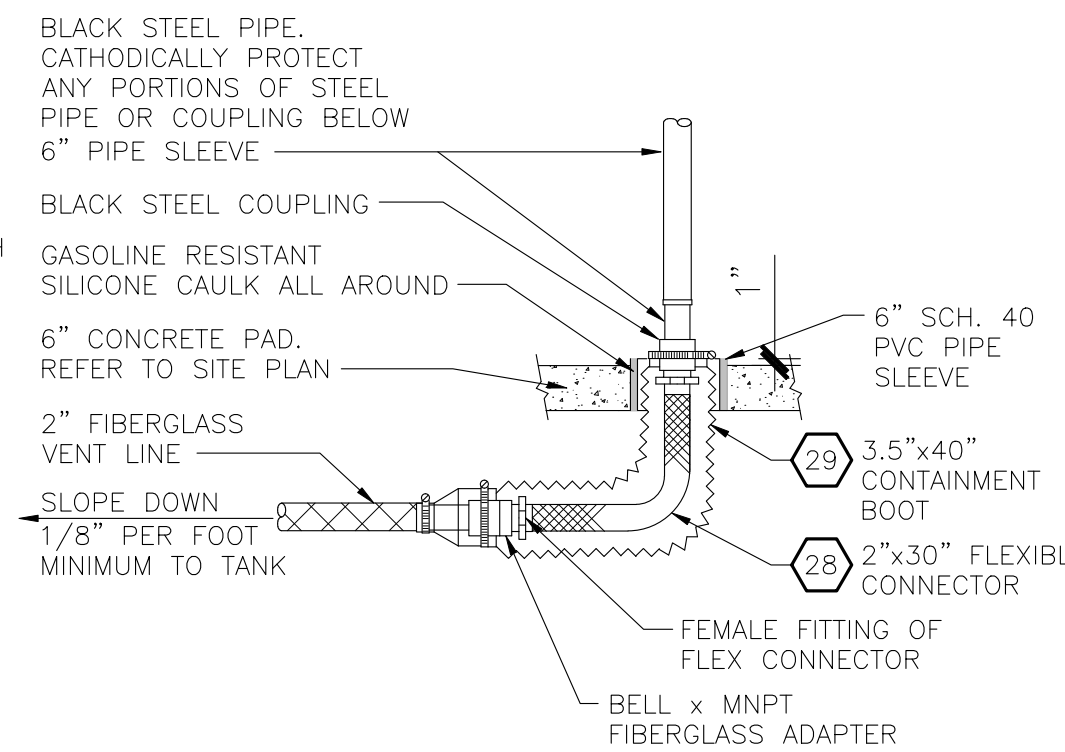
1 TANK SLAB PLAN DETAIL  
SCALE: 3/16" = 1'-0"



2 TANK ANCHORING AND OBSERVATION WELL DETAILS  
SCALE: 3/8" = 1'-0"



3 VENT RISER DETAIL  
SCALE: 1/2" = 1'-0"



4 ENLARGED VENT RISER CONNECTION  
NOT TO SCALE

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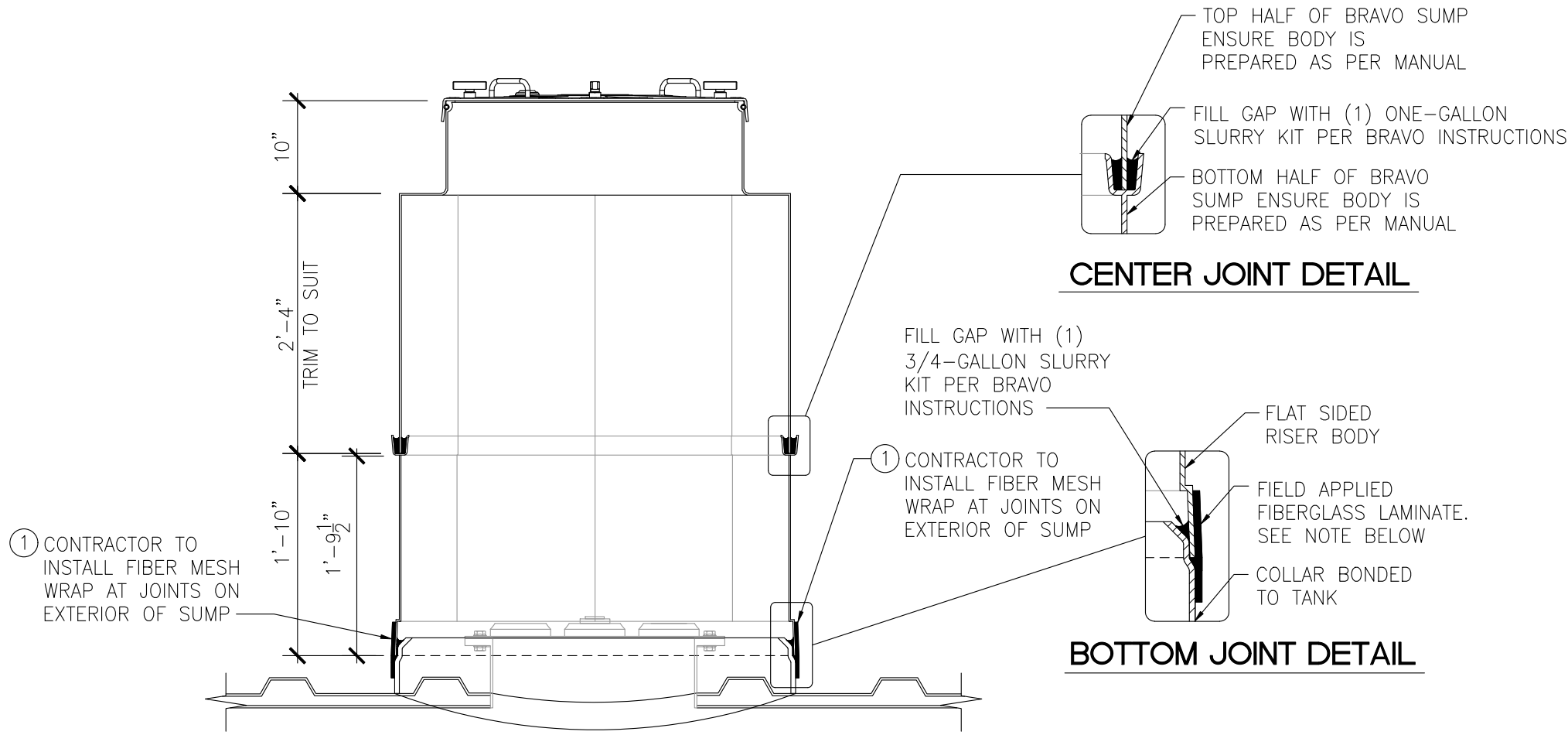
REVISIONS		DATE	
No.	DESCRIPTION		

Project #: A-765  
Date: APRIL, 2022  
Scale: FULL  
Disk File: KroA765\_T4.0-SLAB  
Model: 5(GD) 1RR w/ Floor  
Address: 601 Woodman Drive  
Riverside, OH 45404

**TANK SLAB, ANCHORING AND MISCELLANEOUS INSTALLATION DETAILS**

Sheet: T4.0



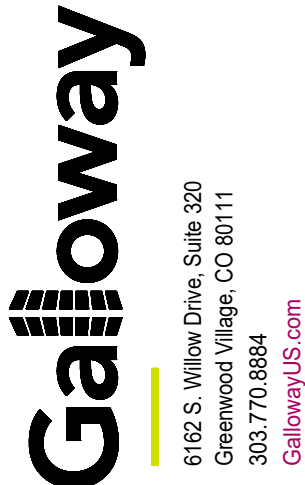


① CONTRACTOR TO GLASS WRAP & LAMINATE (2 LAYERS MINIMUM) AT EACH SUMP JOINT. SPECIFIC ATTENTION MUST BE GIVEN TO SURFACE PREP AS TESTING REQUIREMENTS WILL DETECT THE SMALLEST OF FLAWS. ALL MATERIALS MUST BE COMPATIBLE WITH GASOLINE AND GASOLINE BLENDS UP TO 85% ETHANOL. FIBERGLASS AND RESIN MUST EXTEND A MINIMUM OF 2" BEYOND JOINT LINE IN EACH DIRECTION.

**\*NOTE:**  
CONTRACTOR SHALL BE HELD RESPONSIBLE FOR PROPER INSTALLATION & PREPARATION PER MANUFACTURERS INSTRUCTIONS AND SHALL REINSTALL SUMPS IF HYDROSTATIC TESTING SHOWS LEAKING IN THIS AREA OF THE SUMP. TESTING OF SUMP SHALL BE PERFORMED AFTER REDUCER IS INSTALLED.

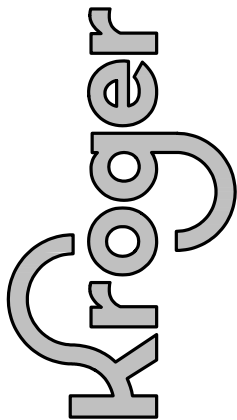
**1 SECTION VIEW - TURBINE SUMP INSTALLATION DETAIL**  
SCALE: 3/4" = 1'-0"

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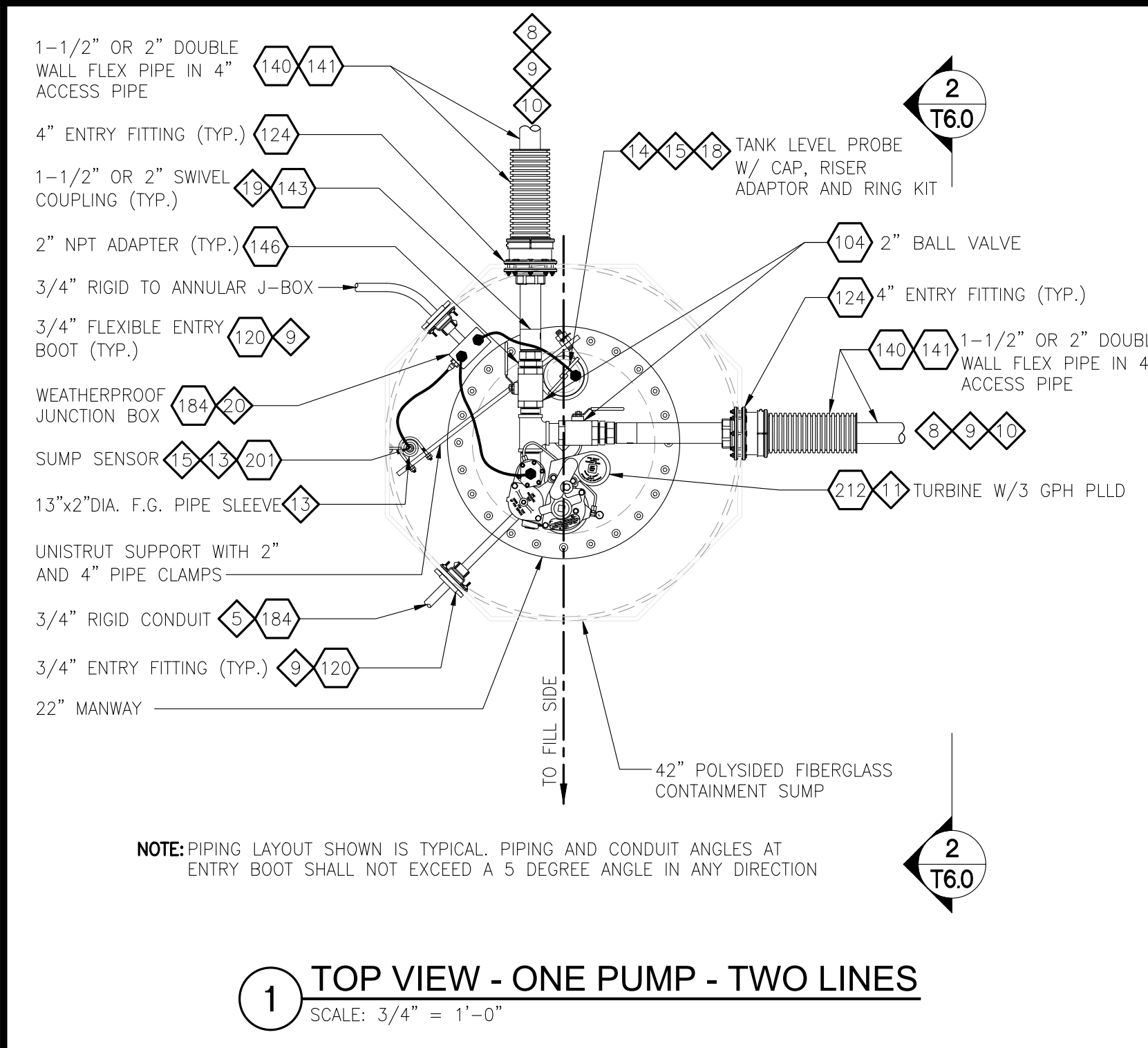
REVISIONS			DATE
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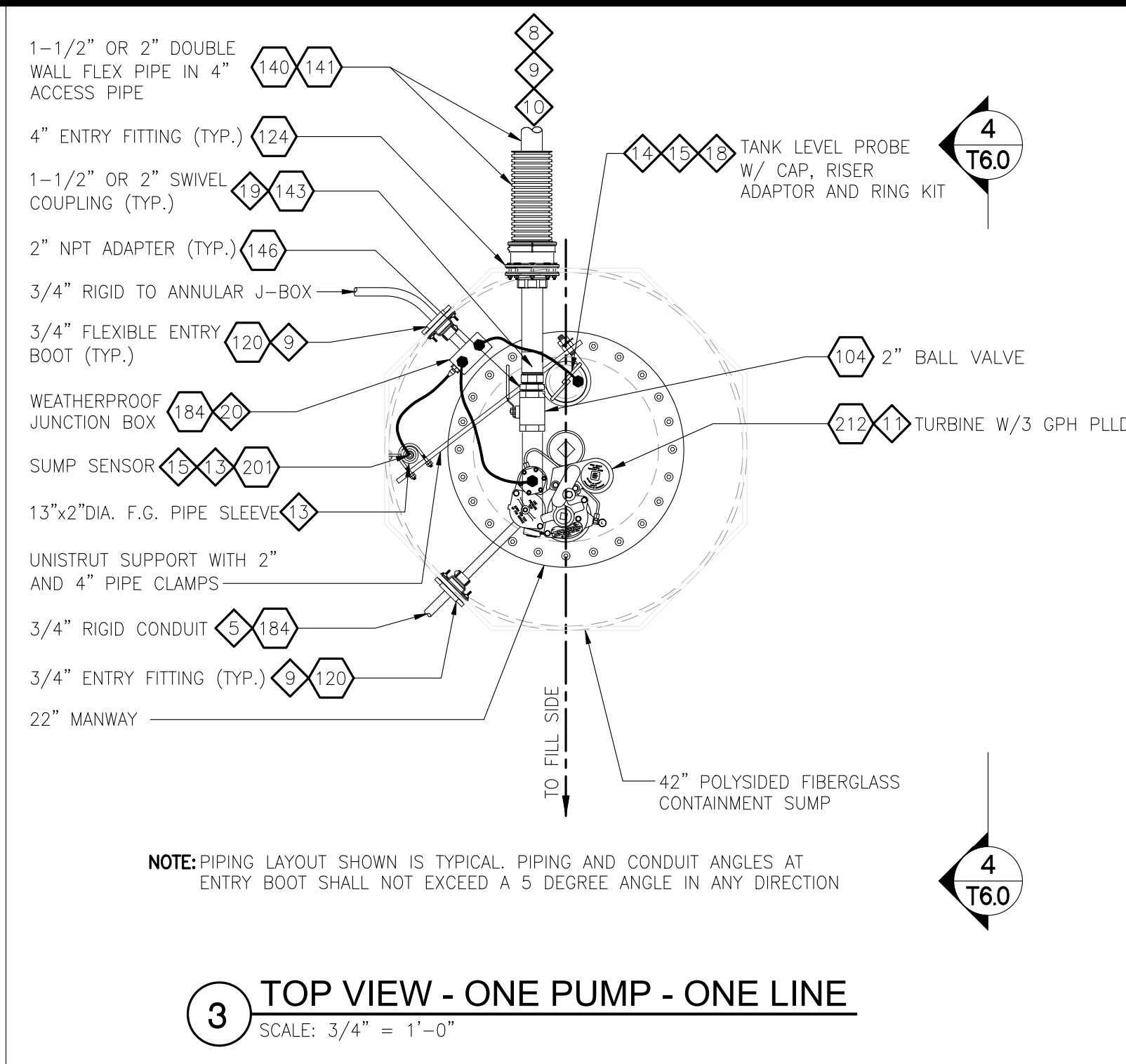
**TANK TURBINE SUMP  
INSTALLATION DETAILS**

Sheet: **T5.0**



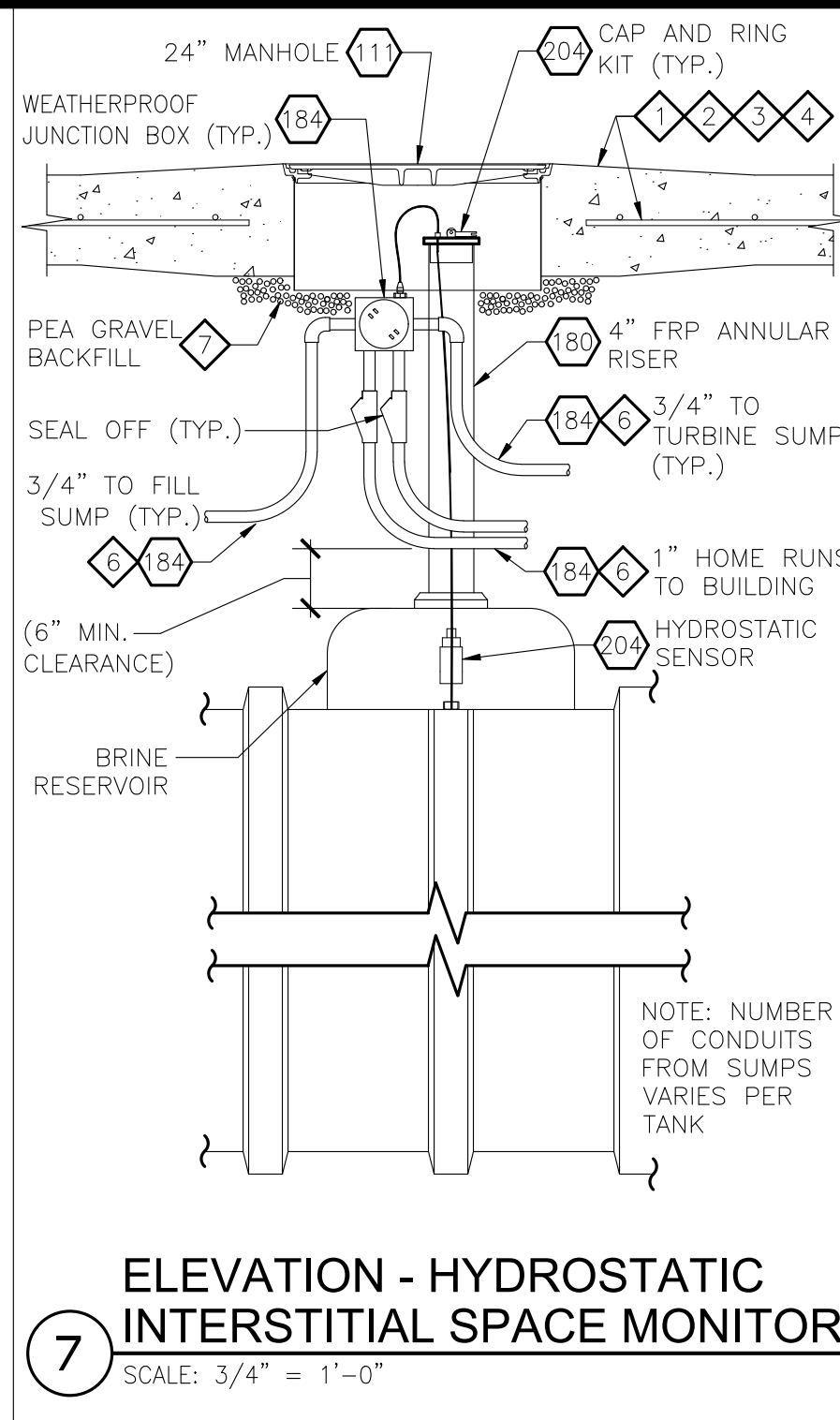


1 TOP VIEW - ONE PUMP - TWO LINES  
SCALE: 3/4" = 1'-0"

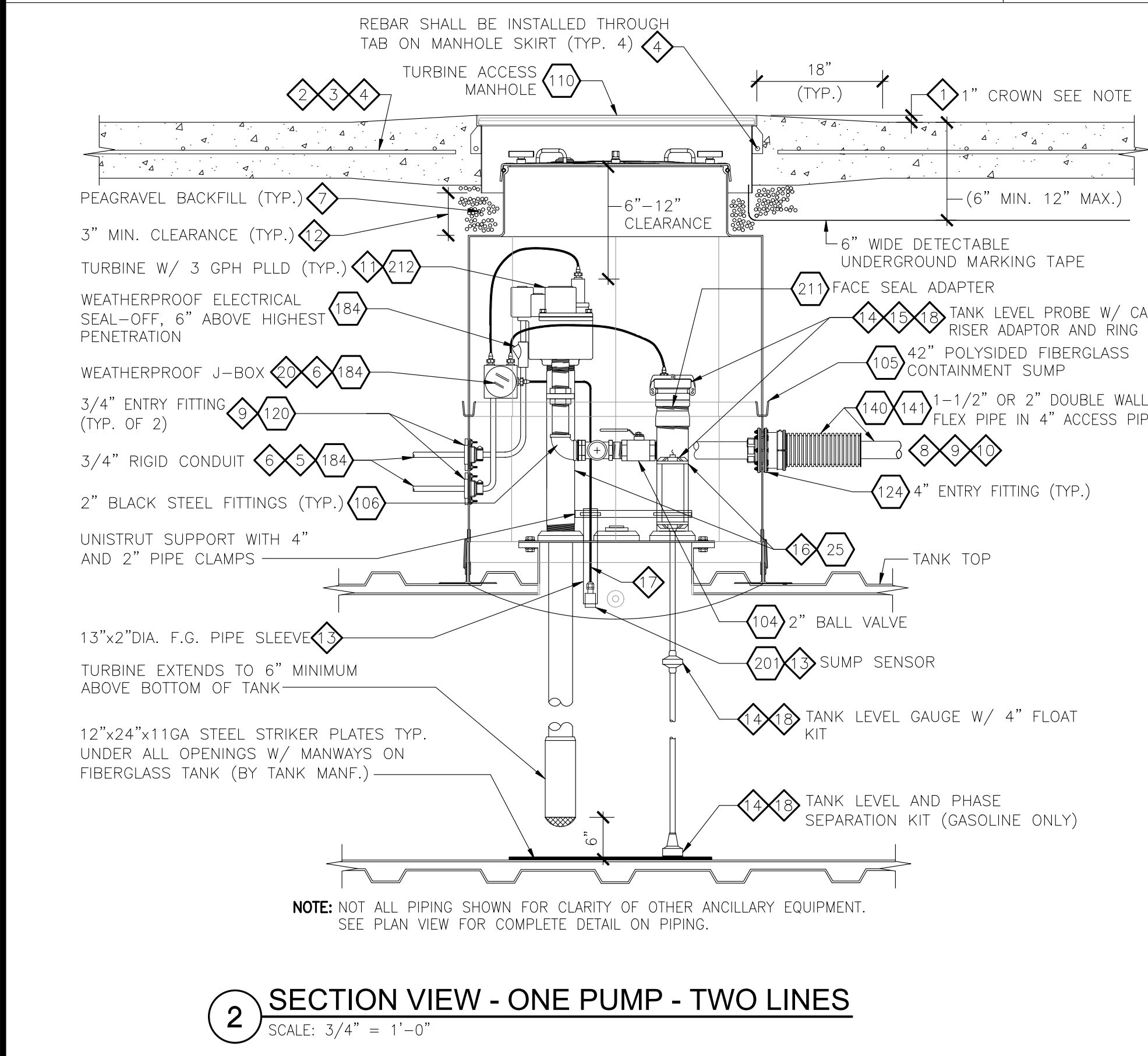


3 TOP VIEW - ONE PUMP - ONE LINE  
SCALE: 3/4" = 1'-0"

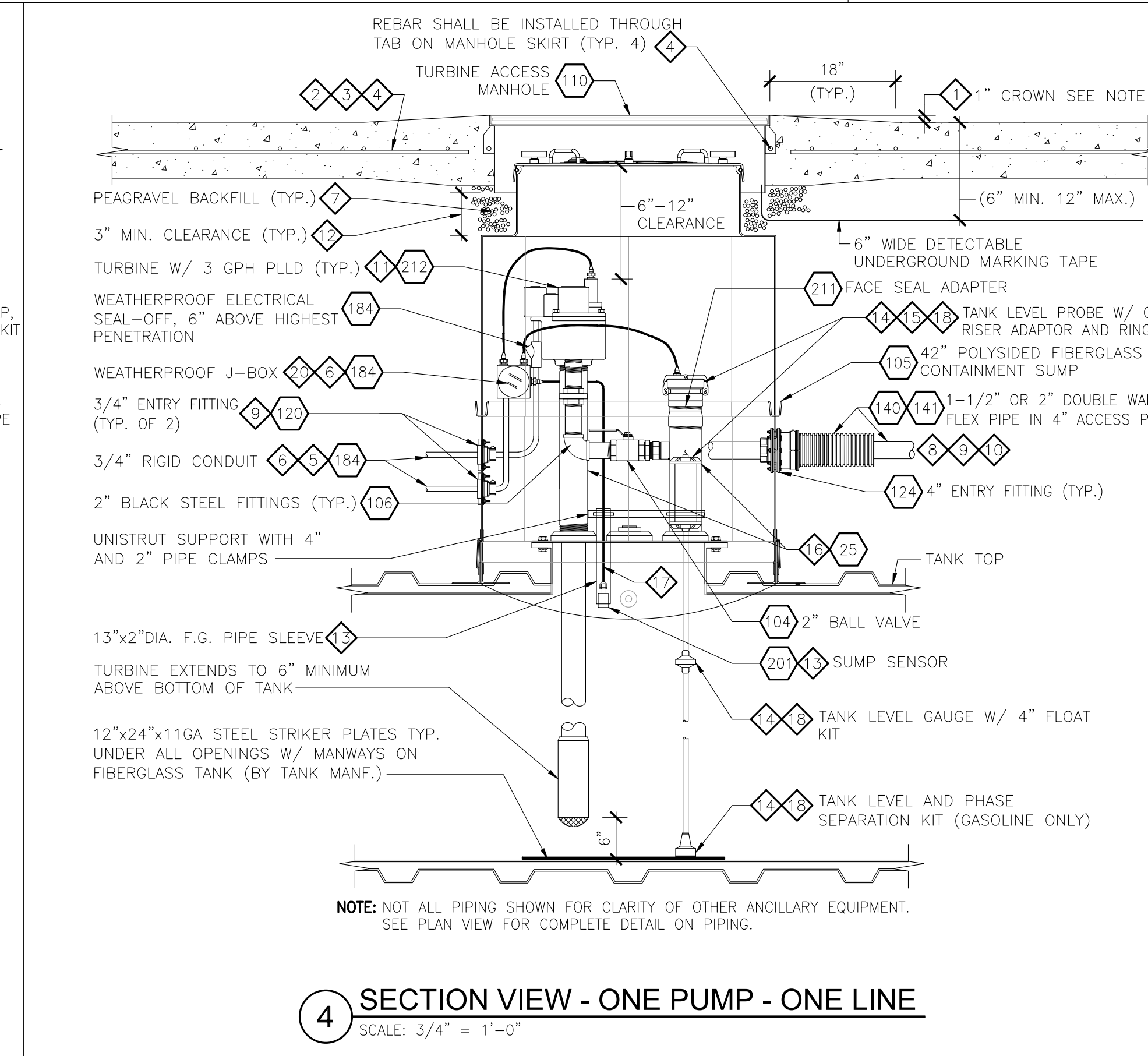
5 NOT USED  
SCALE: N/A



7 ELEVATION - HYDROSTATIC INTERSTITIAL SPACE MONITOR  
SCALE: 3/4" = 1'-0"



2 SECTION VIEW - ONE PUMP - TWO LINES  
SCALE: 3/4" = 1'-0"



4 SECTION VIEW - ONE PUMP - ONE LINE  
SCALE: 3/4" = 1'-0"

6 NOT USED  
SCALE: N/A

1	SET RIM OF ALL MANHOLES AT 1" ABOVE SURROUNDING GRADE. SLOPE CONCRETE AWAY FROM TOP OF RIM 3% MAX. SLOPE.
2	3,500 PSI, 8" THICK CONCRETE SLAB WITH #4 REBAR @ 12" EACH WAY TO BE USED.
3	REINFORCING BARS TO BE NO LESS THAN 2" AND NO MORE THAN 4" FROM SURFACE.
4	REINFORCE CONCRETE SLAB AROUND MANHOLE WITH 4-#4 REBAR 60" IN LENGTH. REFER TO SHEET T4.0.
5	SINGLE 3/4" CONDUIT TO EACH SUBMERSIBLE PUMP. PROVIDE SEAL-OFF AT SUMP & BUILDING WIRING TROUGH. CONTAINS LINE VOLTAGE WIRING.
6	SINGLE 1" MONITORING CONDUIT TO EACH TANK. LOOP HOME RUN FROM INTERSTITIAL SENSOR LOCATION TO CONTAINMENT SUMP SENSORS & TANK GAUGES. PROVIDE SEAL-OFF IN BUILDING & AT TANK. ROUTE TO INTRINSICALLY SAFE TROUGH IN BUILDING. CONTAINS ONLY LOW VOLTAGE WIRING FOR SENSORS.
7	PEA GRAVEL BACKFILL. ALL SUBSTITUTES MUST BE APPROVED BY MANUFACTURER AND OWNER'S FIELD REPRESENTATIVE.
8	PIPING SHALL BE LAID AND CONTINUOUSLY SUPPORTED ON A 6" COMPACTED PEA GRAVEL BEDDING. PIPING SHALL NOT BE SUPPORTED BY BLOCKS, PLANKS, OR OTHER DEBRIS.
9	ALL PIPE & CONDUIT PENETRATIONS OF THE TANK SUMPS SHALL BE SEALED WITH BULKHEAD FITTINGS AND INSTALLED PERPENDICULAR TO CONTAINMENT SUMP AND SHALL NOT EXCEED 5° ANGLE IN ANY DIRECTION TO ENSURE THE PROPER INSTALLATION OF ALL BULKHEAD AND COMPRESSION FITTINGS AND RESULTANT WATER TIGHTNESS. USE BOSTIK ADHESIVE ON EACH ENTRY BOOT WHEN INSTALLING ON FIBERGLASS TANK SUMPS. SUMPS SHALL BE HYDROSTATICALLY TESTED WITH STANDING WATER FOR A PERIOD OF 24 HOURS TO ENSURE THAT THE SUMPS ARE WATERTIGHT.

10	ALL PRODUCT PIPING SHALL SLOPE DOWN TO TANKS FROM NEAREST DISPENSER AT 1/8" MINIMUM PER FOOT. PIPING SHALL BE INSTALLED WITH NO LIQUID TRAPS OR HIGH SPOTS IN RUN OF PIPE.
11	REGULAR GASOLINE TURBINE: FOR 5 DISPENSER CONFIGURATIONS, A SINGLE 4 HP VARIABLE SPEED TURBINE SHALL BE USED. ITEM 101
	PREMIUM GASOLINE TURBINE: FOR 5 DISPENSER CONFIGURATIONS, A SINGLE 2 HP VARIABLE SPEED TURBINE SHALL BE USED. ITEM 100
	DIESEL TURBINE: FOR 3 DIESEL DISPENSER CONFIGURATIONS, A SINGLE 1 1/2 HP FIXED SPEED TURBINE SHALL BE USED. ITEM 102
12	CUT TURBINE ENCLOSURE RISER AS REQUIRED TO PROVIDE CLEARANCE BETWEEN TOP OF LID AND BOTTOM OF MANHOLE LID.

13	SUMP SENSORS TO BE MOUNTED AT SIDE OF TANK WHERE PRODUCT PENETRATION INTO SUMP IS MADE AND BELOW LOWEST PENETRATION FITTING WITHIN SUMP AREA. MOUNT SENSOR FLUSH TO LOWEST POINT IN SUMP BOTTOM. MAINTAIN A 1/2" GAP BETWEEN BOTTOM OF SLEEVE AND BOTTOM OF SUMP.
14	INSTALL AUTOMATIC TANK LEVEL GAUGE AND FLOAT KIT TO PROVIDE INTERNAL PANEL ALARM AT 90% OF TANK CAPACITY OR AS REQUIRED BY LOCAL AUTHORITY.
15	INSTALLATION, START-UP AND CALIBRATION OF ELECTRONIC MONITORING SYSTEM SHALL BE PERFORMED BY AN AUTHORIZED MANUFACTURER SERVICE CONTRACTOR.
16	REAM ALL RISERS FOR FULL BORE IF REQUIRED. USE ONLY NPT (TAPERED) THREADS.
17	SENSOR CABLE FROM DISPENSER JUNCTION BOX SHOULD ONLY BE LONG ENOUGH FOR THE SENSOR TO REST ON THE BOTTOM OF THE SUMP IN THE TRUE VERTICAL POSITION WITHOUT EXTRA.
18	TANK LEVEL GAUGE PROBE, FLOAT KITS, RING AND CAP KITS & RISER ADAPTER: FOR GASOLINE APPLICATIONS USE ITEMS 205, 206, 210, 211 FOR DIESEL APPLICATIONS USE ITEMS 205, 206, 210, 211
19	MAINTAIN PRESSURE ON SECONDARY SYSTEM UNTIL AFTER DISPENSER INSTALLATION IS COMPLETE AND HAS BEEN VERIFIED BY THE OWNER'S PROJECT MANAGER. WHEN TESTING IS COMPLETE ON PRODUCT SECONDARY CONTAINMENT PIPING, OPEN TEST PORT ON TEST BOOT TO DRAIN INTO CONTAINMENT SUMP FOR LEAK DETECTION.
20	INTRINSICALLY SAFE APPARATUS SHALL BE BONDED PER NEC 504.60

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Fax: (303) 715-5905

REVISIONS	DATE			
DESCRIPTION				
No.				

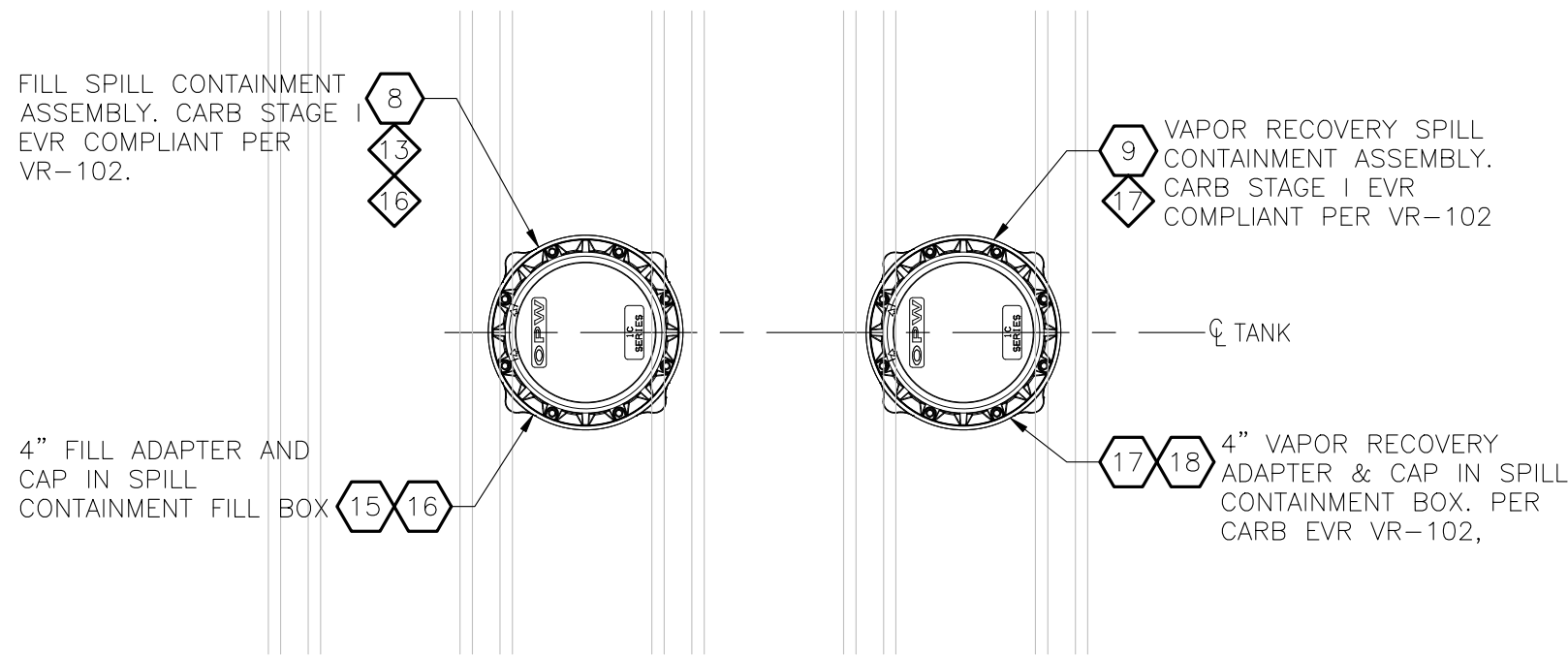
Project #: A-765  
Date: APRIL, 2022  
Scale: FULL  
Disk File: KroA765\_T6.0-SUMP  
Model:  
5(GD) 1RR w/ Floor  
Address:  
601 Woodman Drive  
Riverside, OH 45404

**TANK TURBINE SUMP AND MISCELLANEOUS INSTALLATION DETAILS (ALL CONFIGURATIONS)**

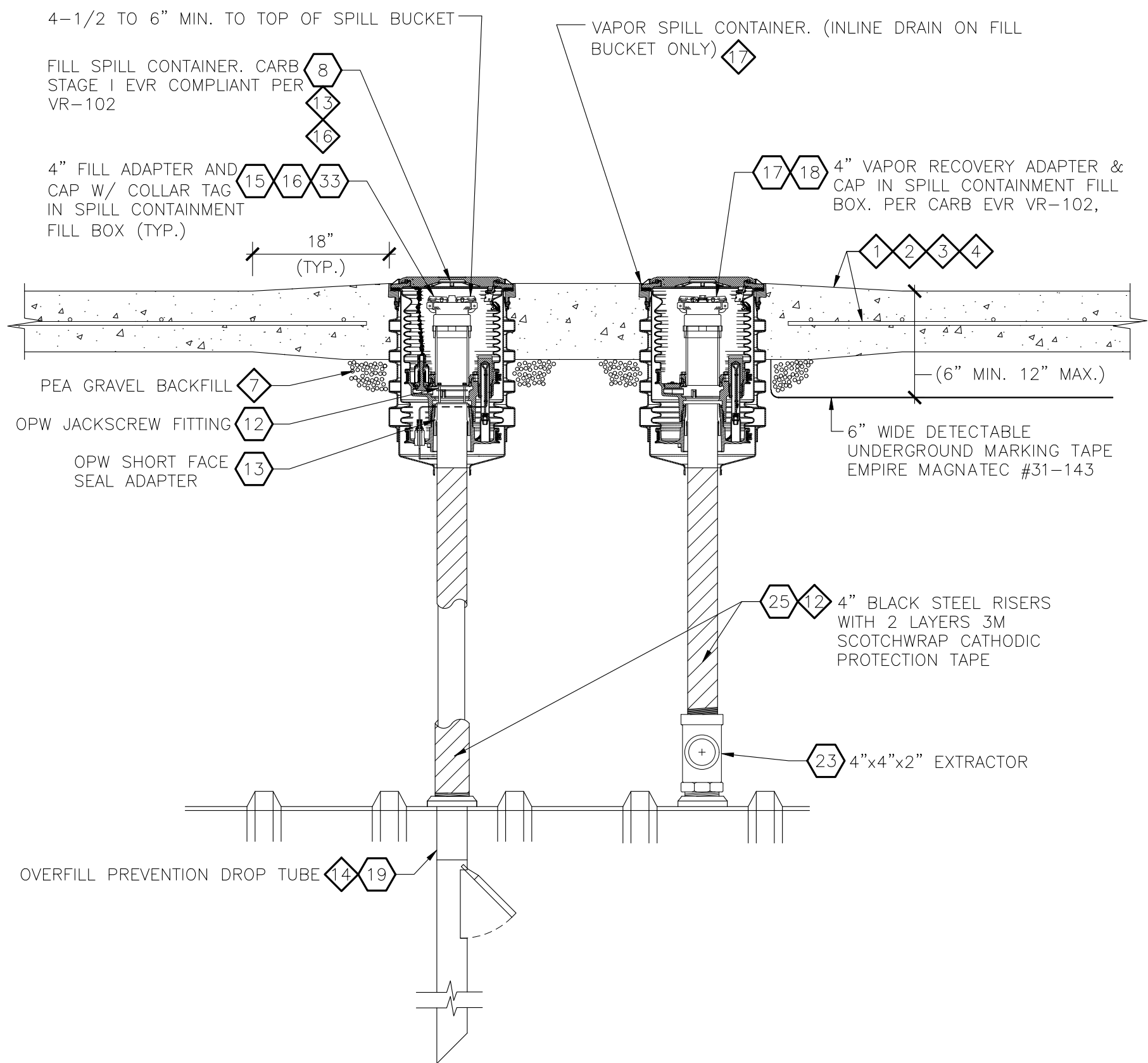
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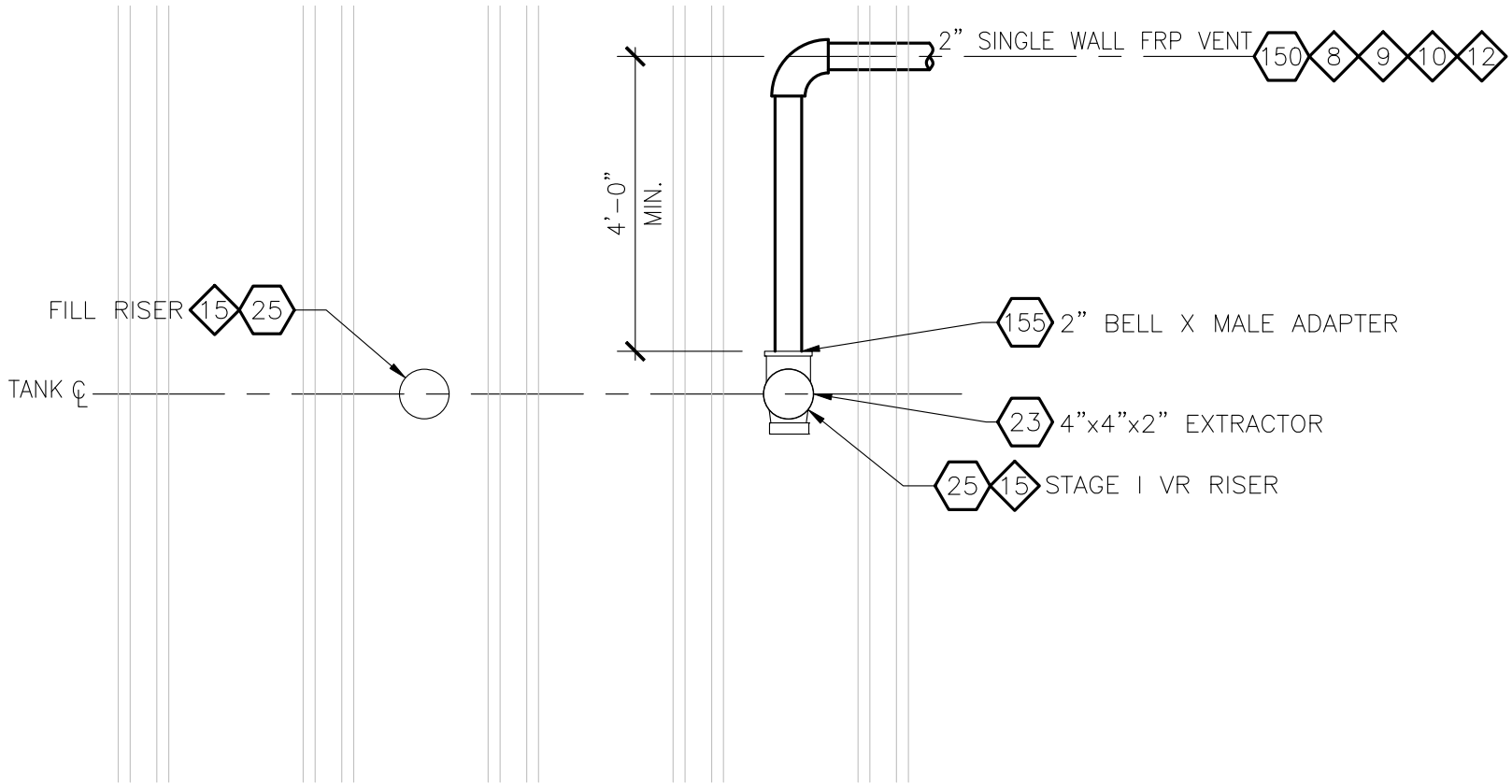
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**1 TOP VIEW - TANK TOP AT FILL & VAPOR RECOVERY**  
SCALE: 3/4" = 1'-0"



**2 SECTION VIEW - TANK TOP AT FILL & VAPOR RECOVERY**  
SCALE: 3/4" = 1'-0"



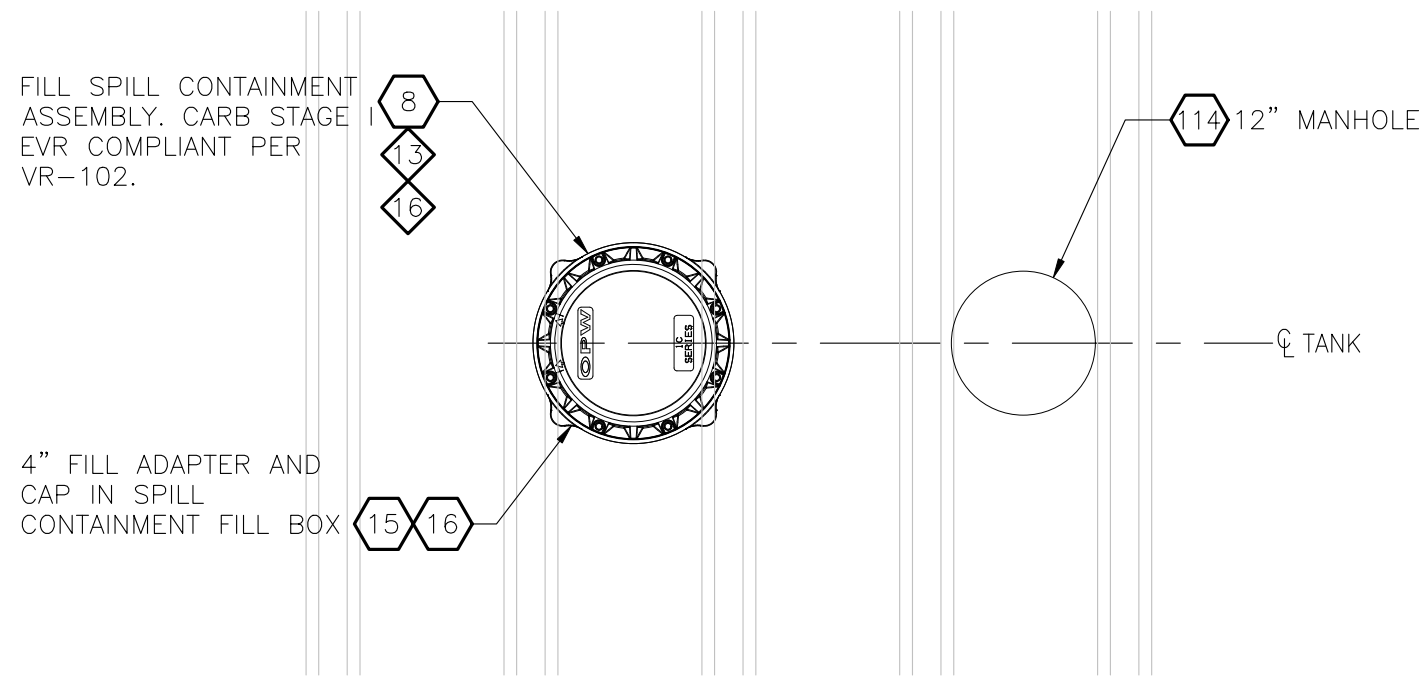
**NOTE:** INSTALL 6" WIDE DETECTABLE UNDERGROUND MARKING TAPE "EMPIRE" MAGNATEC #31-143 OR EQUAL AT ALL VENT AND VAPOR LINES.

**3 PLAN VIEW - TANK TOP AT FILL & VAPOR RECOVERY**  
SCALE: 3/4" = 1'-0"

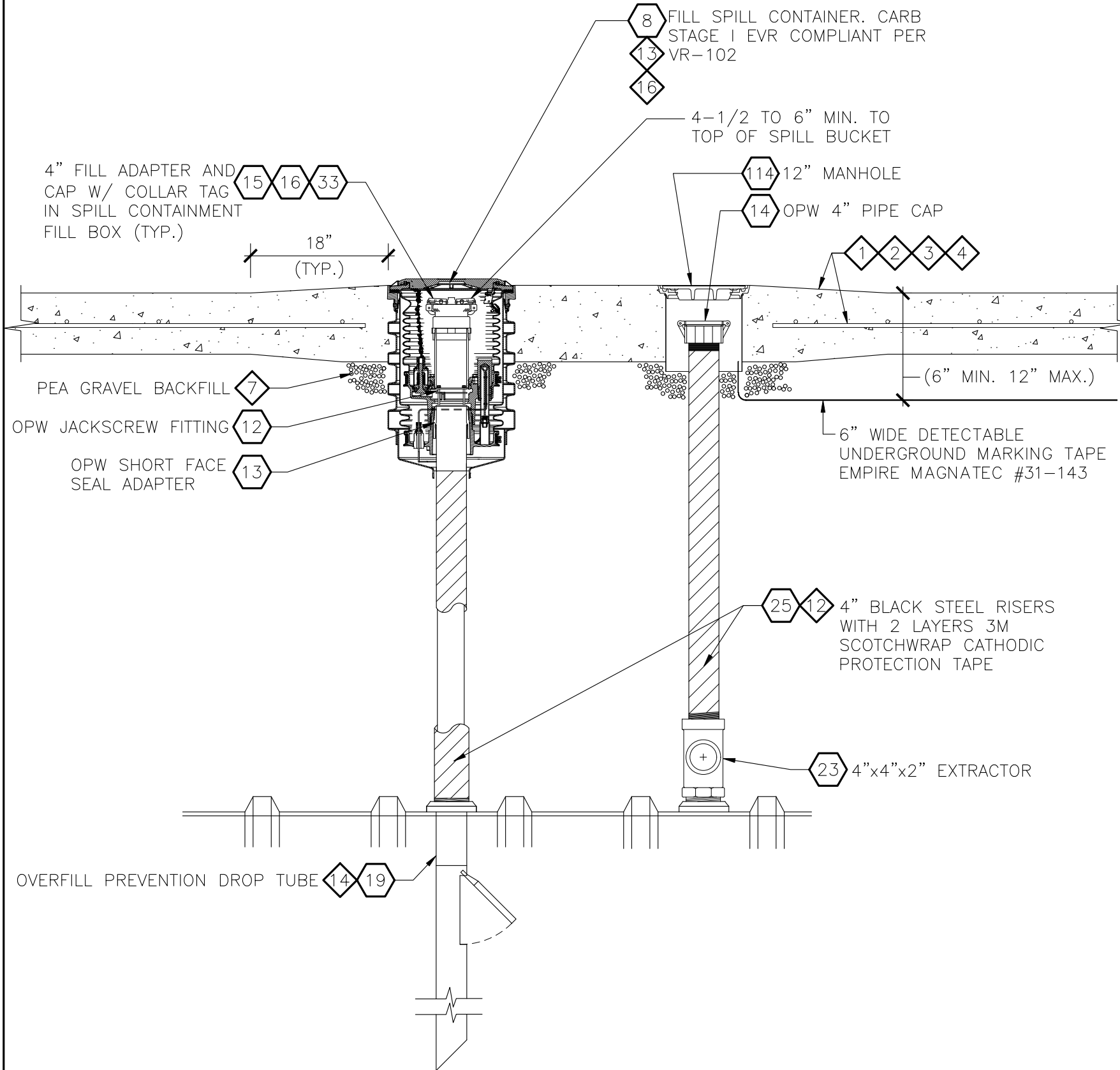
**4 NOT USED**

**5 NOT USED**

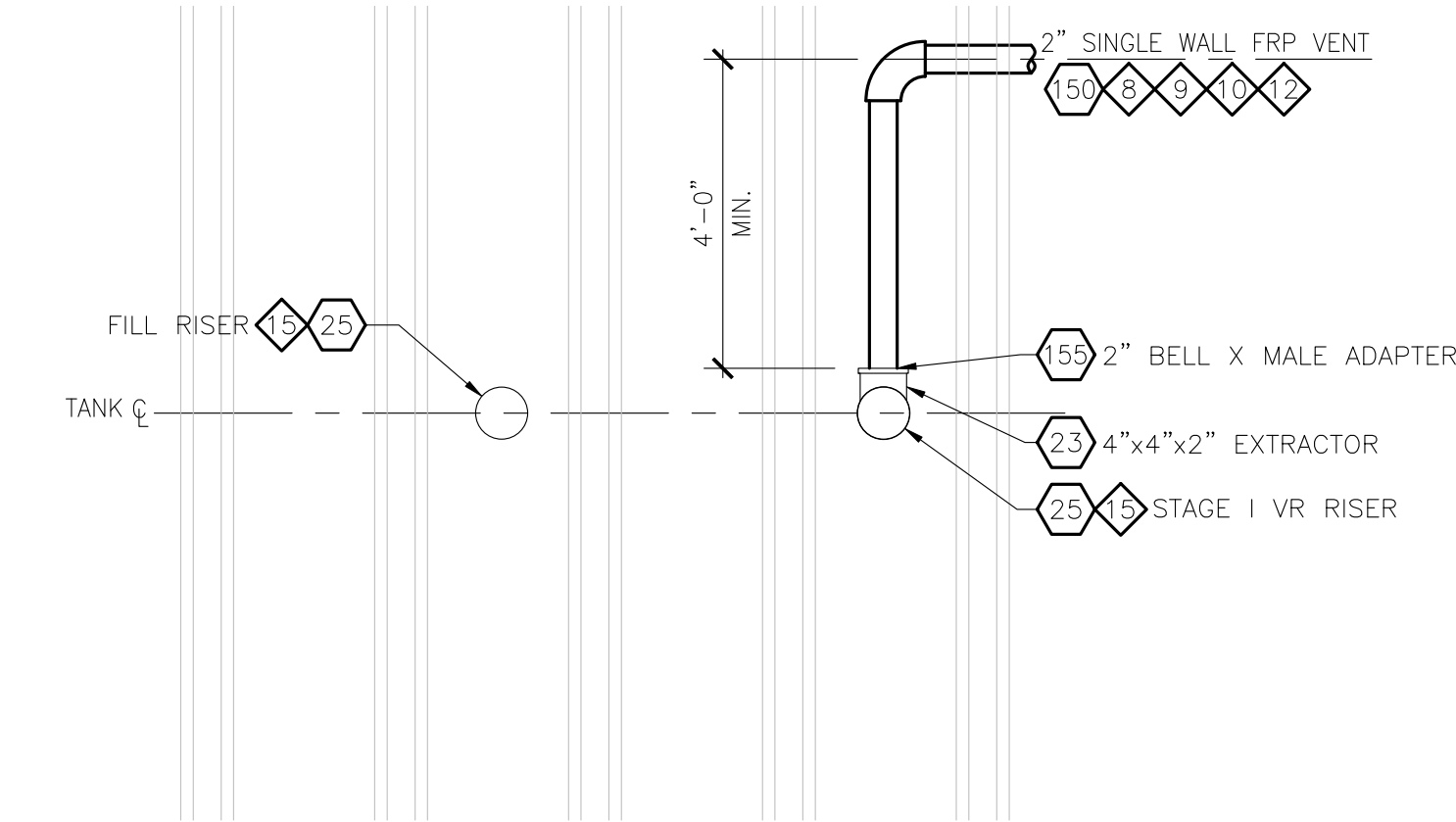
**6 NOT USED**



**7 TOP VIEW - DIESEL FILL**  
SCALE: 3/4" = 1'-0"



**8 SECTION VIEW - TANK TOP AT DIESEL FILL**  
SCALE: 3/4" = 1'-0"



**NOTE:** INSTALL 6" WIDE DETECTABLE UNDERGROUND MARKING TAPE "EMPIRE" MAGNATEC #31-143 OR EQUAL AT ALL VENT AND VAPOR LINES.

**9 PLAN VIEW - TANK TOP AT DIESEL FILL**  
SCALE: 3/4" = 1'-0"

## SHEET NOTES

- SET RIM OF ALL MANHOLES AT 1" ABOVE SURROUNDING GRADE. SLOPE CONCRETE AWAY FROM TOP OF RIM 3% MAX. SLOPE.
- REINFORCE CONCRETE SLAB WITH #4 REBAR @ 12" EACH WAY.
- REINFORCING BARS TO BE NO LESS THAN 2" AND NO MORE THAN 4" FROM SURFACE.
- REINFORCE CONCRETE SLAB AROUND MANHOLE WITH 4-#4 REBAR 60" IN LENGTH. PLACE REBAR 6" FROM SIDES OF BOX.
- NOT USED
- NOT USED
- PEA GRAVEL BACKFILL. ALL SUBSTITUTES MUST BE APPROVED BY MANUFACTURER AND OWNER'S FIELD REPRESENTATIVE.
- PIPING SHALL BE LAID AND CONTINUOUSLY SUPPORTED ON A 6" COMPACTED PEA GRAVEL BEDDING. PIPING SHALL NOT BE SUPPORTED BY BLOCKS, PLANKS, OR OTHER DEBRIS.
- ALL PIPE & CONDUIT PENETRATIONS OF THE TANK SUMPS SHALL BE SEALED WITH BULKHEAD FITTINGS AND INSTALLED PERPENDICULAR TO CONTAINMENT SUMP AND SHALL NOT EXCEED 15° ANGLE IN ANY DIRECTION TO ENSURE THE PROPER INSTALLATION OF ALL BULKHEAD AND COMPRESSION FITTINGS AND RESULTANT WATER TIGHTNESS. USE BOSTIK ADHESIVE ON EACH ENTRY BOOT WHEN INSTALLING ON FIBERGLASS TANK SUMPS. SUMPS SHALL BE HYDROSTATICALLY TESTED WITH STANDING WATER FOR A PERIOD OF 24 HOURS TO ENSURE THAT THE SUMPS ARE WATERTIGHT.
- VENT AND VAPOR RETURN PIPING TO SLOPE UNIFORMLY (WITH NO POCKETS OR PEAKS) DOWN TO TANKS. SLOPE SHALL BE 1/8"/FT. WHERE MINIMUM SLOPE (1/8"/FT.) IS UNATTAINABLE DUE TO GRADE CONDITIONS, INSTALL A CONDENSATE TRAP IN VAPOR LINE. LOCATE TRAP AS NEAR AS POSSIBLE TO STORAGE TANKS.
- THE FIRST CONNECTION FROM THE 3" VAPOR RECOVERY HEADER TO THE TANKS SHALL BE MADE TO THE LOWEST OCTANE TANK. DO NOT CONNECT ANY VAPOR RETURN PIPING TO DIESEL PRODUCT TANK.
- SECONDARY CONTAINMENT FOR ALL VENT AND STAGE II VAPOR RECOVERY PIPING ONLY WHEN REQUIRED BY LOCAL JURISDICTION.
- CUT FILL ENCLOSURE RISER AS REQUIRED TO PROVIDE CLEARANCE BETWEEN TOP OF LID AND BOTTOM OF MANHOLE LID.
- OVERFILL PREVENTION VALVE SHALL BE SET AT 95% OF TANK CAPACITY. REFER TO THE LATEST REVISION OF OPW OVERFILL PREVENTION VALVE INSTALLATION AND MAINTENANCE INSTRUCTIONS FOR DETERMINING POSITION OF VALVE AT 95% CAPACITY, ASSEMBLY AND INSTALLATION.
- REAM ALL RISERS FOR FULL PIPE BORE IF REQUIRED.
- INSTALL TANK ID MARKERS IN THE SPILL CONTAINMENT MANHOLES.
- SHIM KITS SHALL BE INSTALLED BETWEEN STAGE I VAPOR RECOVERY ADAPTERS AND COVERS PER LATEST REVISION OF OPW INSTALLATION AND MAINTENANCE INSTRUCTION FOR 1-3100 SERIES SPILL CONTAINERS. SHIM KITS SHALL BE LEFT IN PLACE UNTIL FINAL INSPECTION.

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The Kroger Co.

**Kroger**

## REVISIONS

No.	DESCRIPTION	DATE

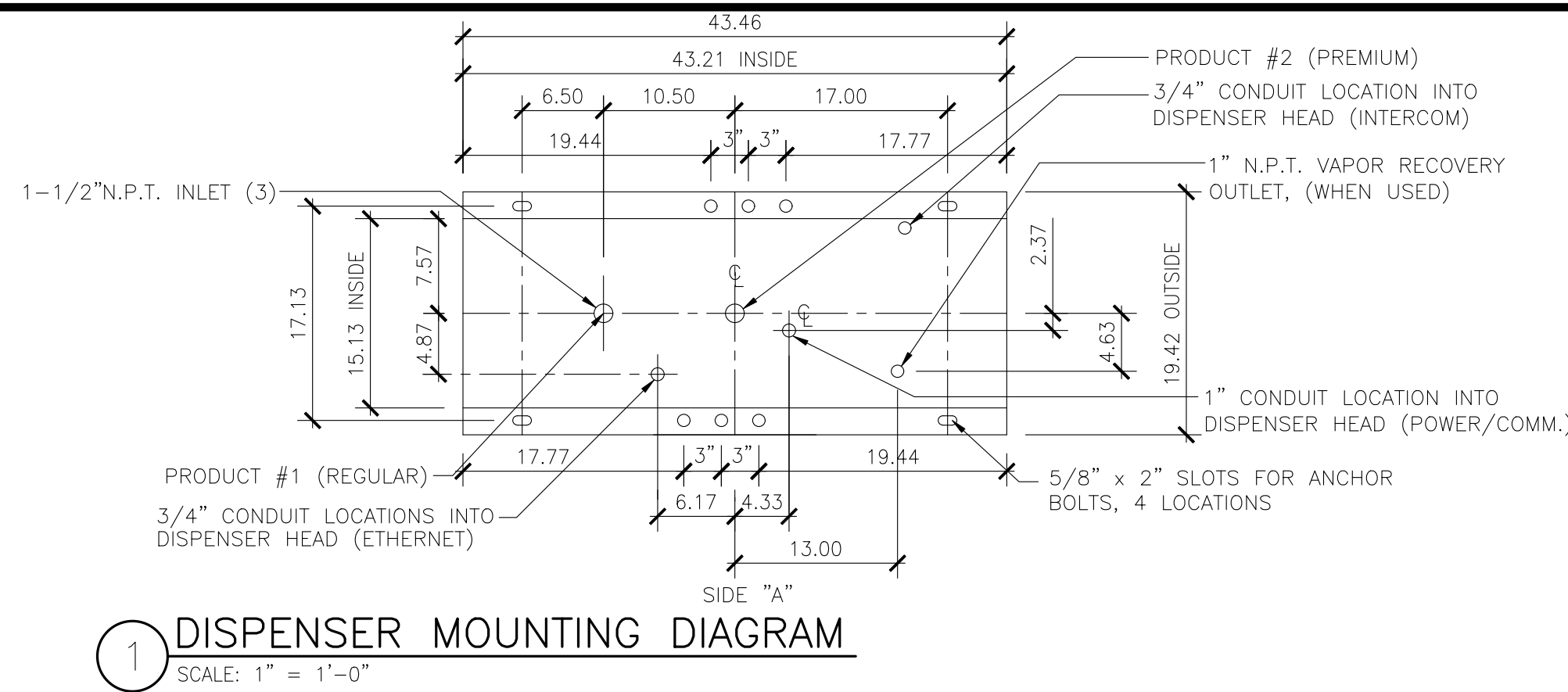
Project #: A-765  
Date: APRIL, 2022  
Scale: FULL  
Disk File: KroA765\_T7.0-FILL  
Model: 5(GD) 1RR w/ Floor

Address: 601 Woodman Drive  
Riverside, OH 45404

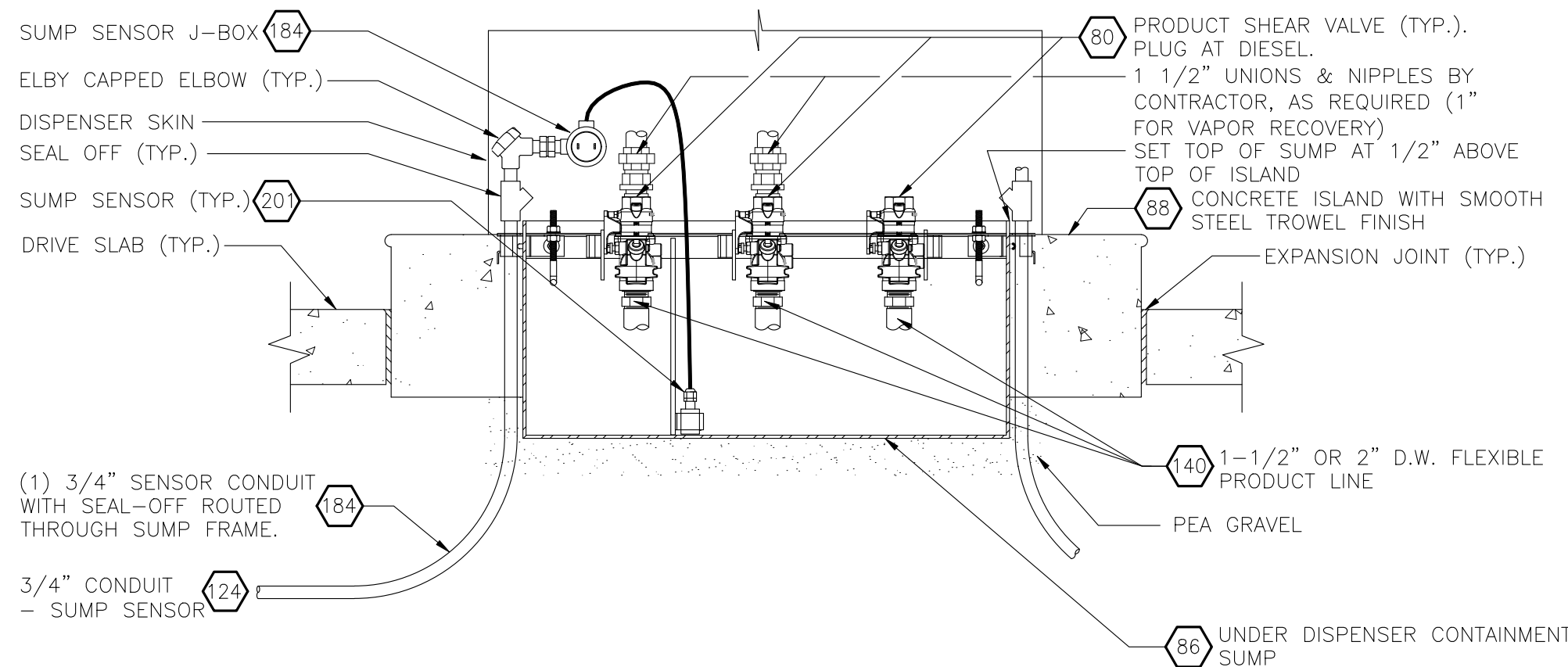
**TANK FILL  
SUMP & FITTINGS  
INSTALLATION DETAILS**

Sheet: T7.0

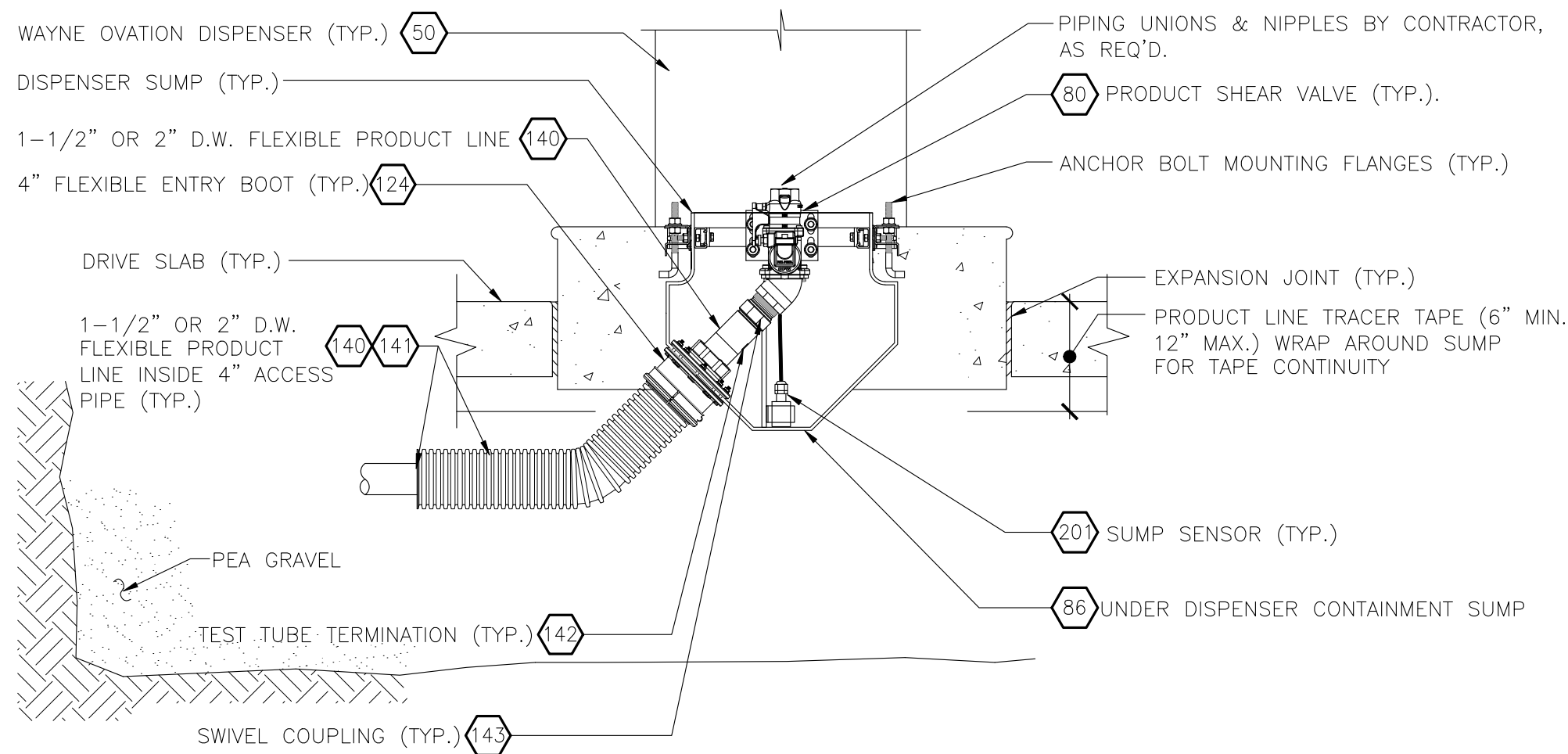




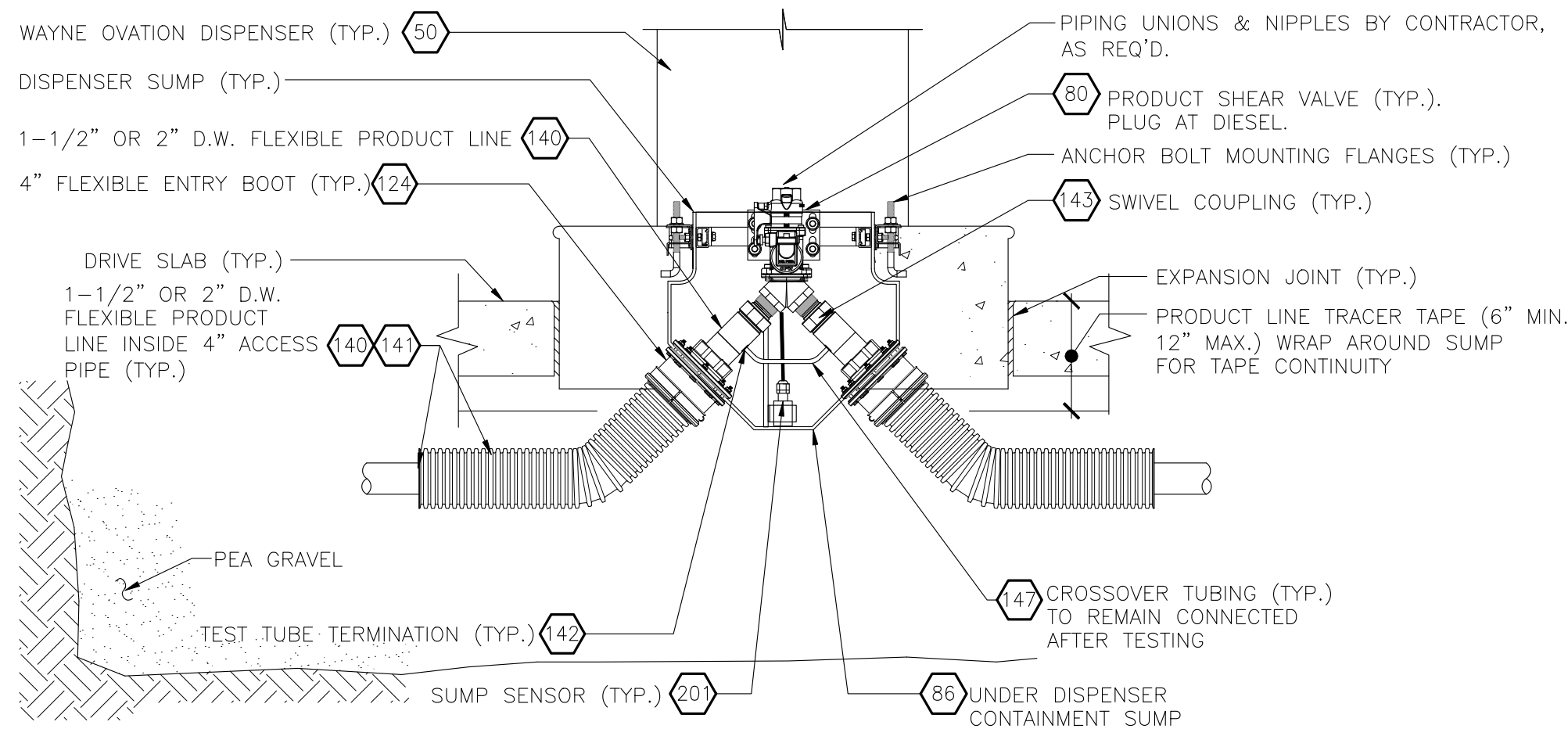
1 DISPENSER MOUNTING DIAGRAM  
SCALE: 1" = 1'-0"



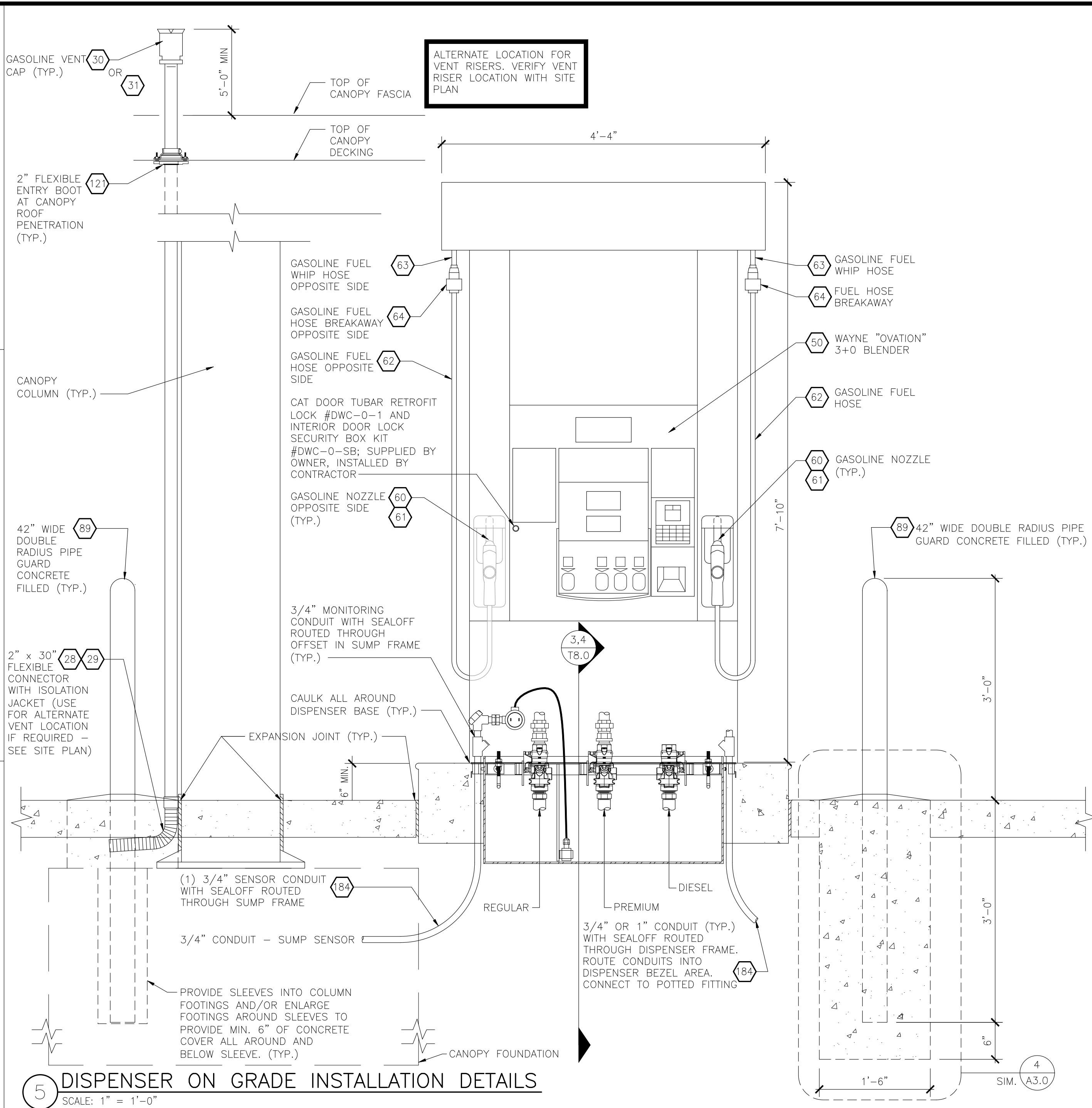
2 FRONT VIEW SECTION DETAIL @ DISPENSER SUMP  
SCALE: 1" = 1'-0"



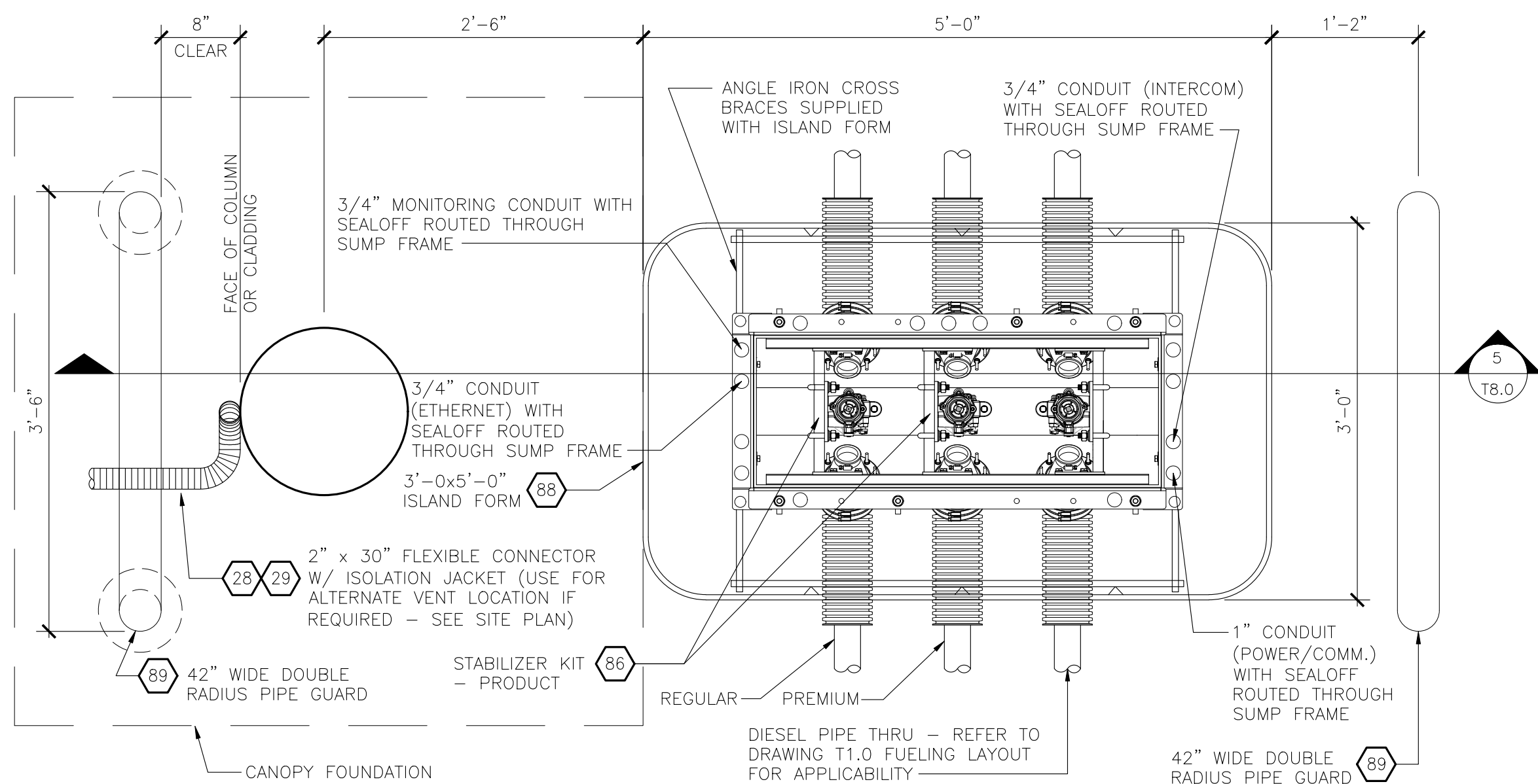
3 SIDE VIEW SECTION @ DISPENSER SUMP (END SUMP)  
SCALE: 1" = 1'-0"



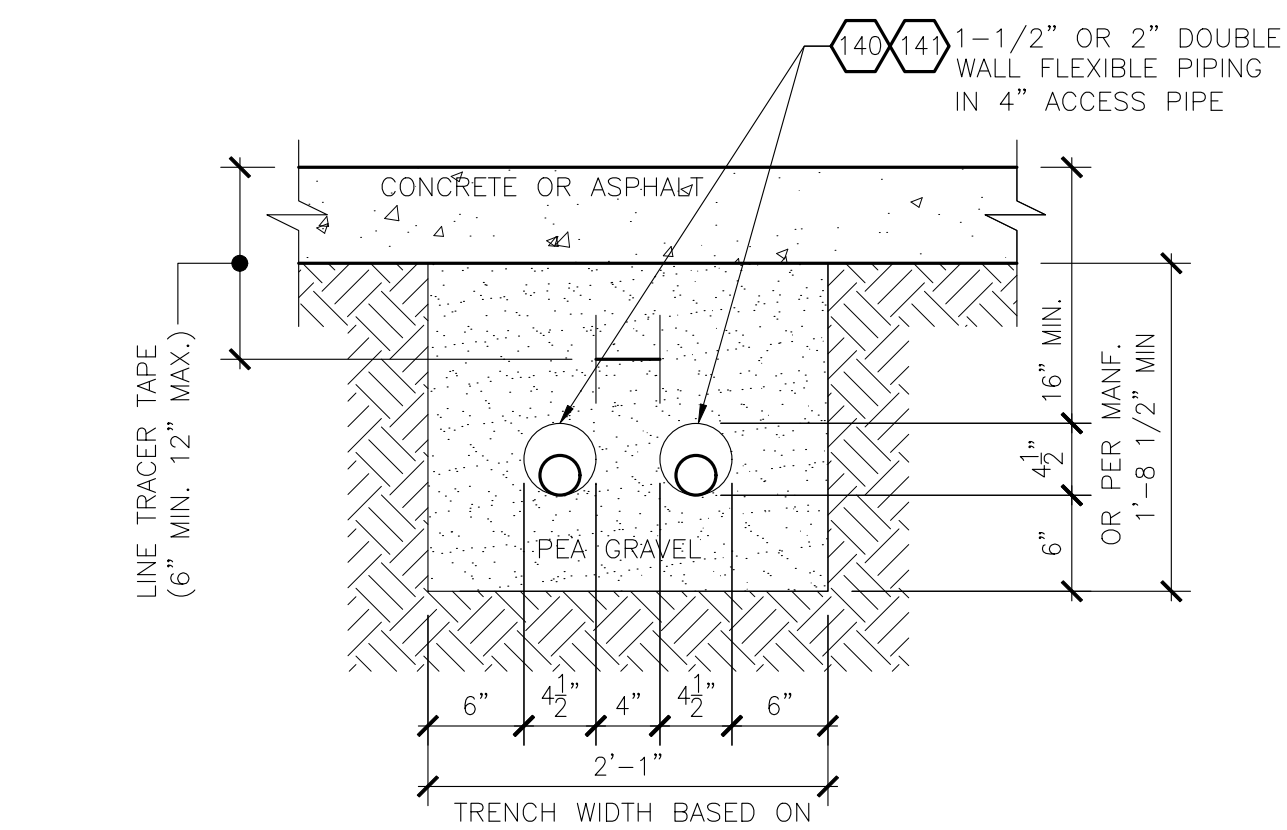
4 SIDE VIEW SECTION @ DISPENSER SUMP (PASS THRU)  
SCALE: 1" = 1'-0"



5 DISPENSER ON GRADE INSTALLATION DETAILS  
SCALE: 1" = 1'-0"



6 PLAN VIEW @ DISPENSER SUMP (PASS THRU)  
SCALE: 1" = 1'-0"



7 SECTION VIEW - PIPE TRENCH AND COVER  
SCALE: 1" = 1'-0"

**ADA COMPLIANCE NOTE:**  
WHEN DISPENSERS ARE INSTALLED AS SHOWN ON THIS DRAWING, THE REQUIREMENTS REGARDING HANDICAPPED VERTICAL AND HORIZONTAL ACCESSIBILITY ARE FULLY MET.

**SAFETY NOTE:**  
WHEN DISPENSERS ARE INSTALLED AS SHOWN ON THIS DRAWING, THE REQUIREMENTS OF NFPA 30A 6.3.9 AND 6.3.9.1 REGARDING SHEAR SECTIONS ARE FULLY MET.

**STAGE II DESIGN NOTE:**  
IN AREAS WHERE STAGE II VAPOR RECOVERY IS NOT REQUIRED, DO NOT INSTALL VAPOR PIPING OR PENETRATIONS, VAPOR SHEAR VALVE, VAPOR STABILIZER KIT, AND FLEX CONNECTOR. THESE ITEMS ARE NOT USED.

**INTRINSICALLY SAFE BONDING:**  
INTRINSICALLY SAFE SYSTEMS APPARATUS SHALL BE BONDED PER NEC 504.60. THIS INCLUDES APPARATUS INSTALLED WITHIN THE HAZARDOUS (CLASSIFIED) LOCATIONS AND APPARATUS INSTALLED IN UNCLASSIFIED LOCATIONS.

**SENSOR CABLE:**  
SENSOR CABLE FROM DISPENSER JUNCTION BOX SHOULD ONLY BE INSTALLED LONG ENOUGH FOR THE SENSOR TO REST ON THE BOTTOM OF THE SUMP IN THE TRUE VERTICAL POSITION.

**DISPENSER SUMP INSTALLATION:**  
FUEL INSTALLERS SHALL MOUNT THE DISPENSER SUMP INSIDE OF THE STAINLESS STEEL ISLAND FORM AS SHOWN IN DETAIL 6. THE ISLAND FORMS SHALL BE MOUNTED AT GRADE FOR PIPING INSPECTIONS USING STEEL ANGLE IRON SUPPORT FRAMES.

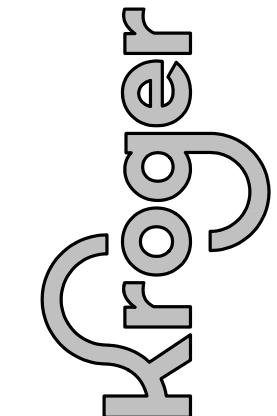
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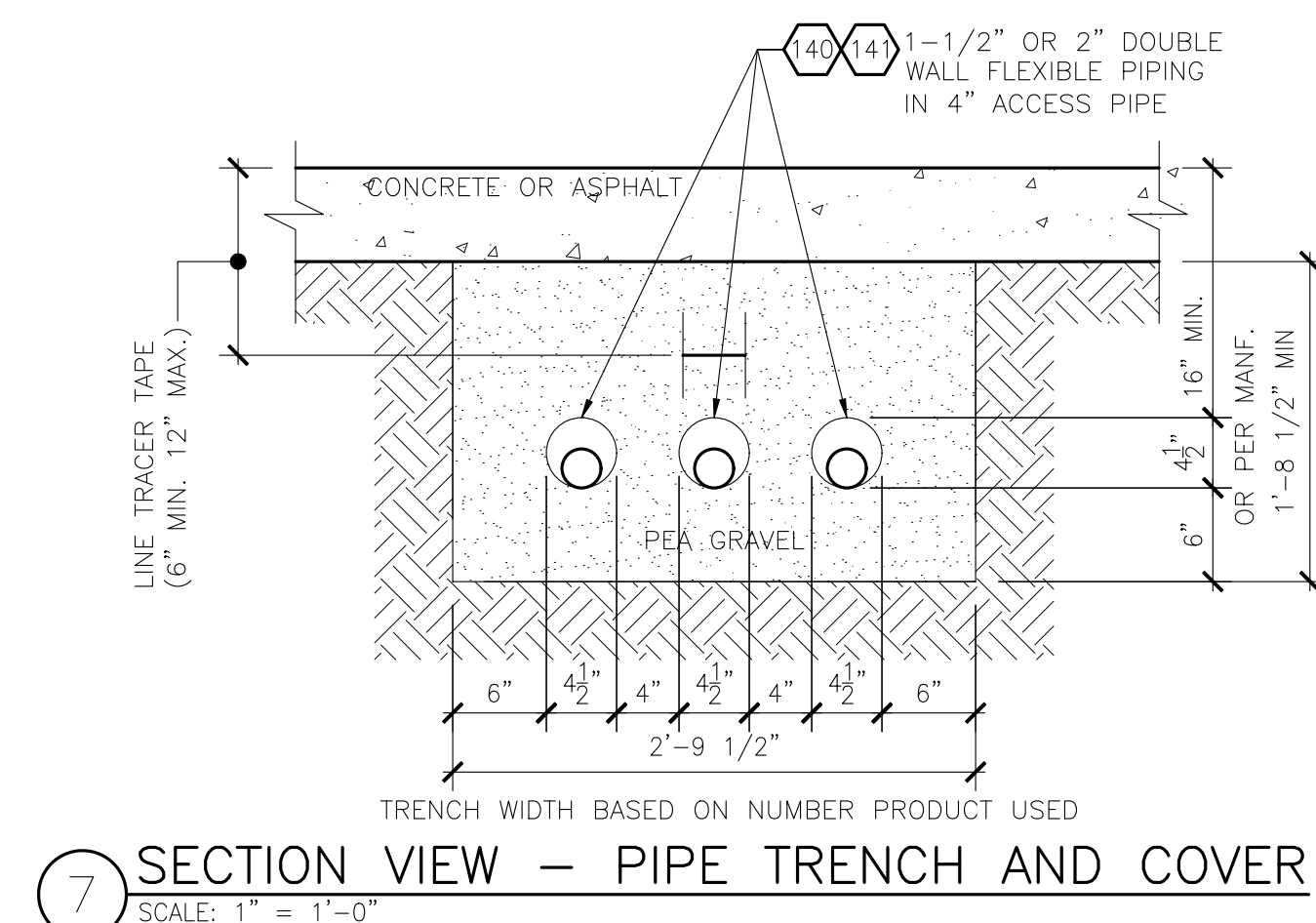
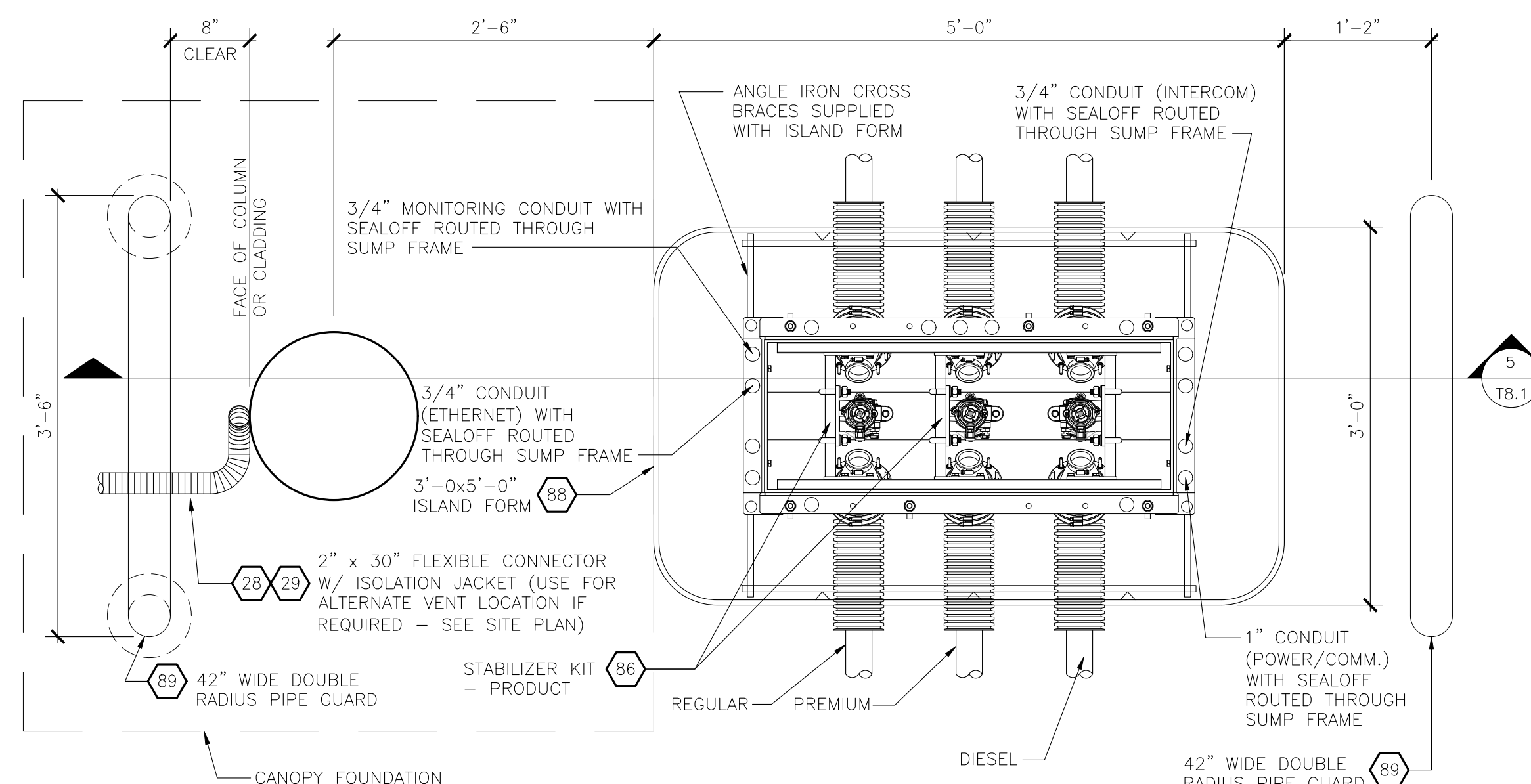
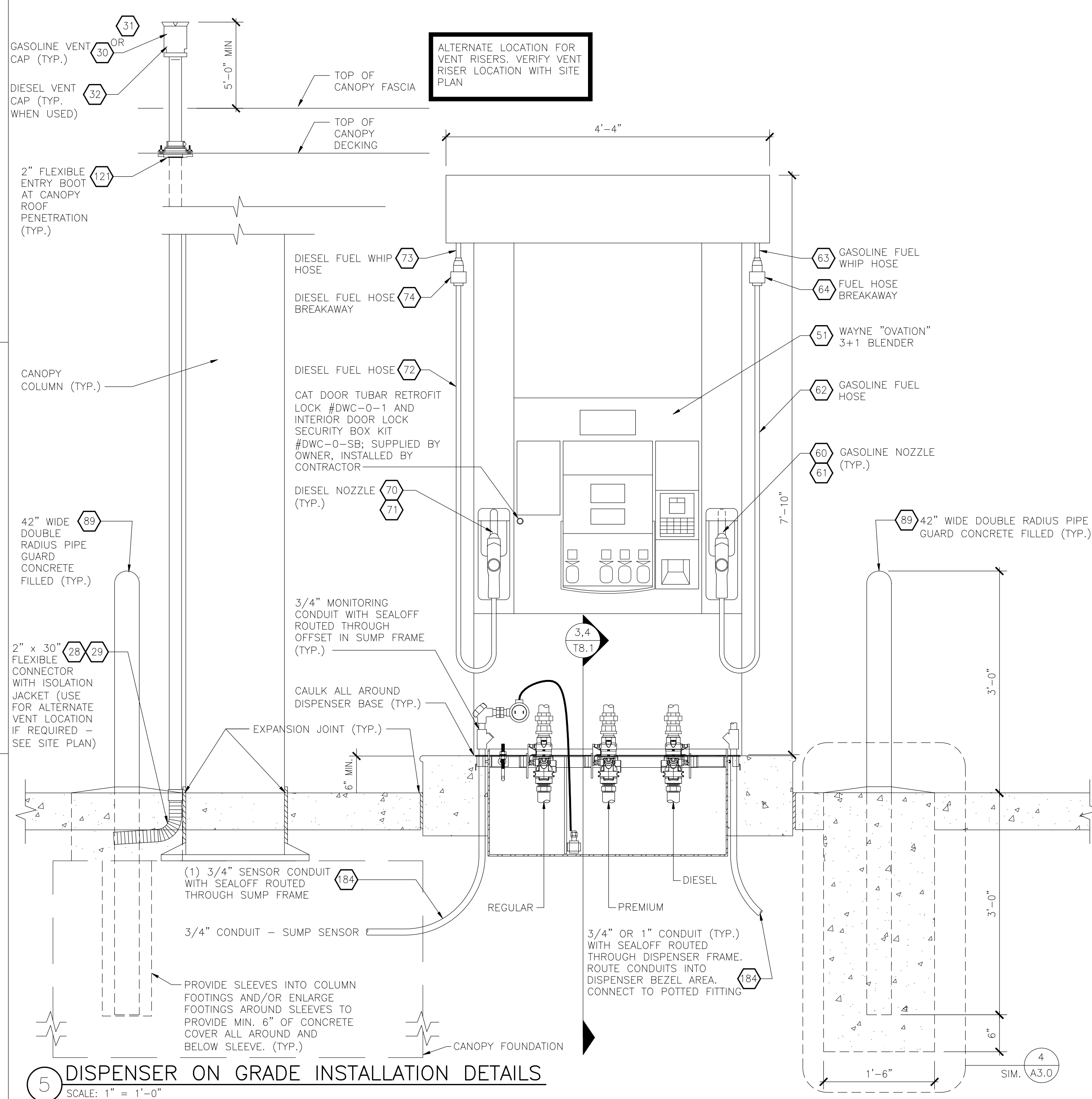
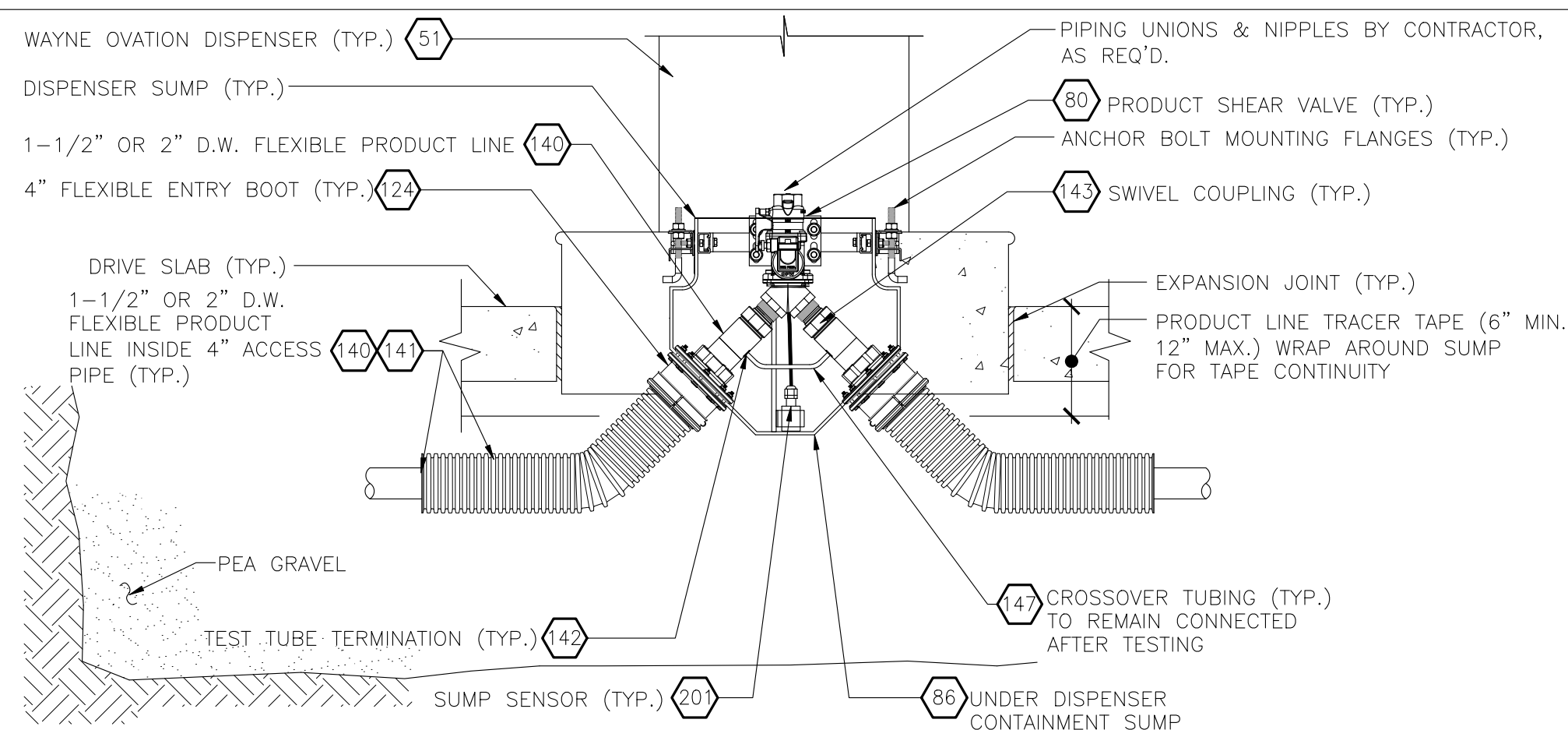
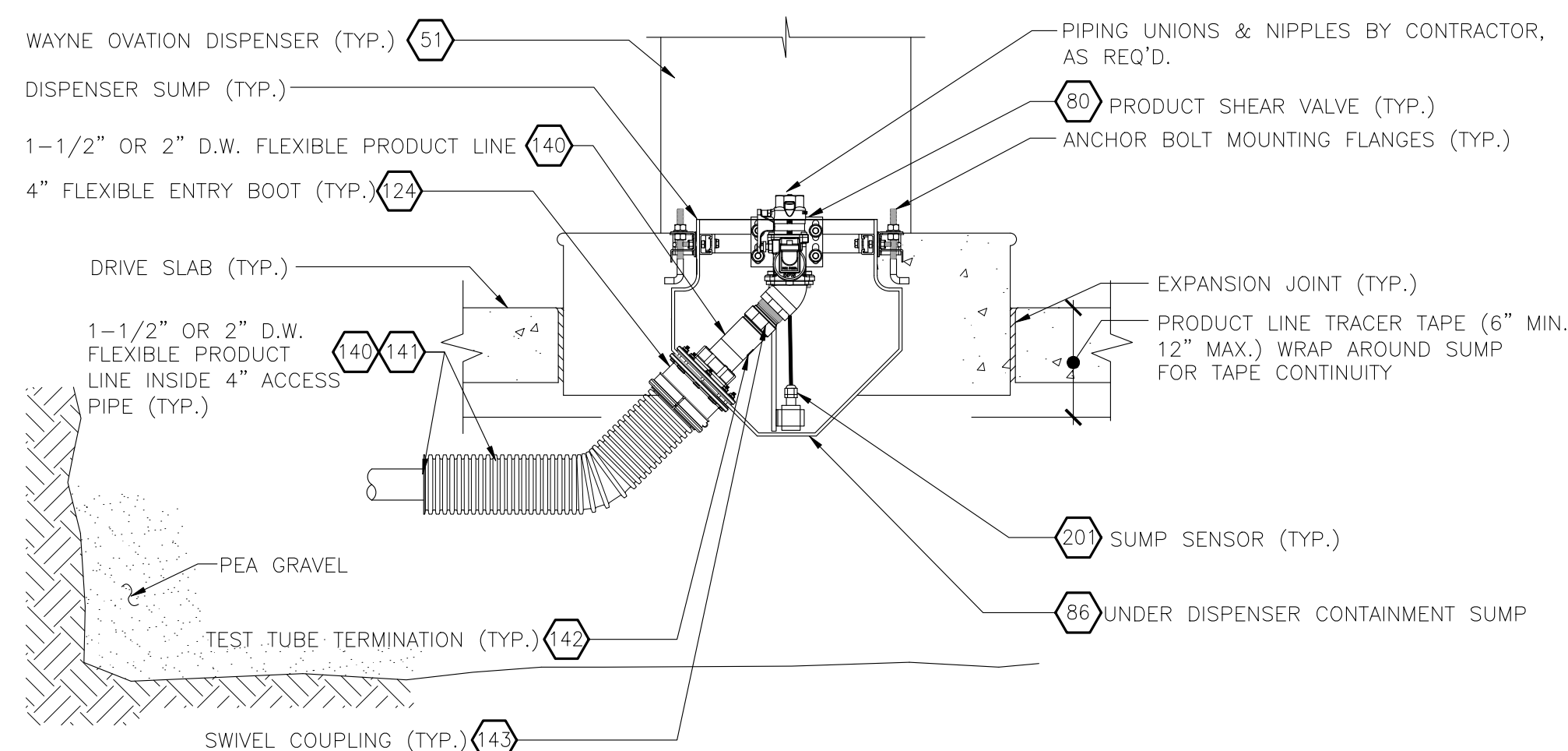
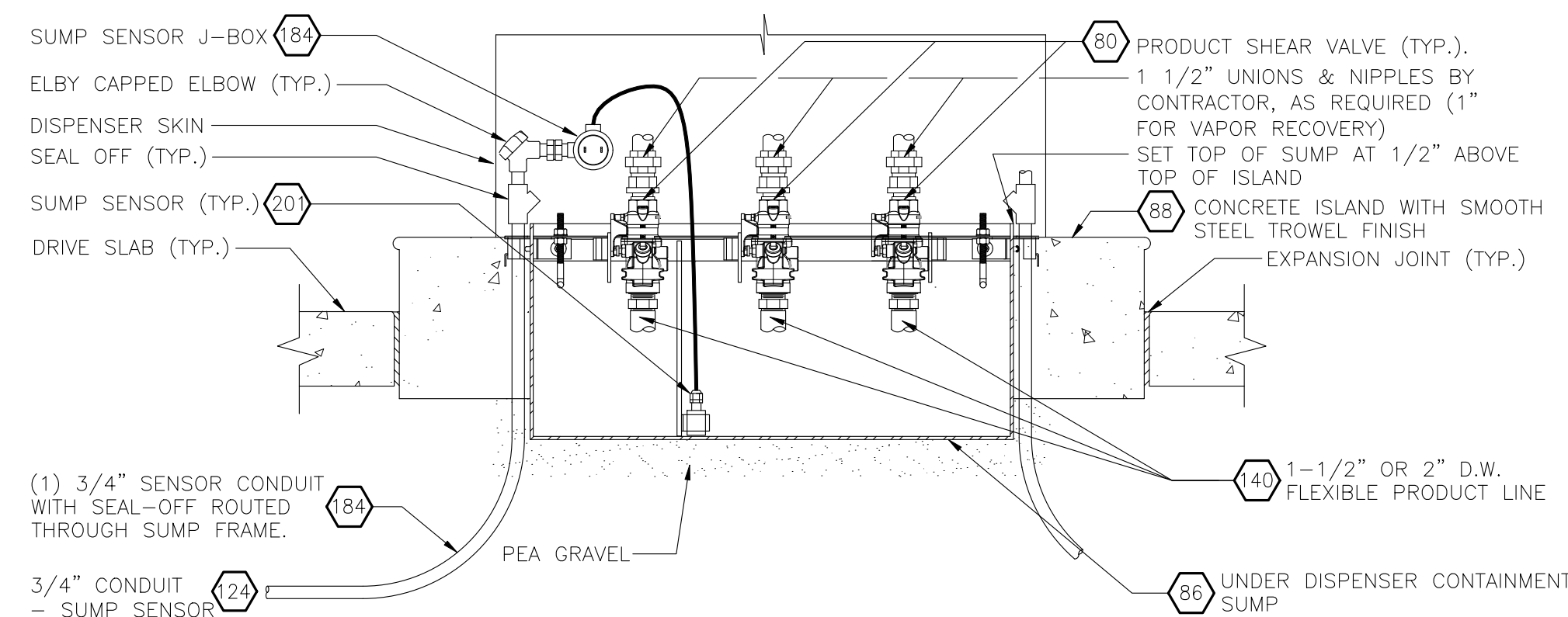
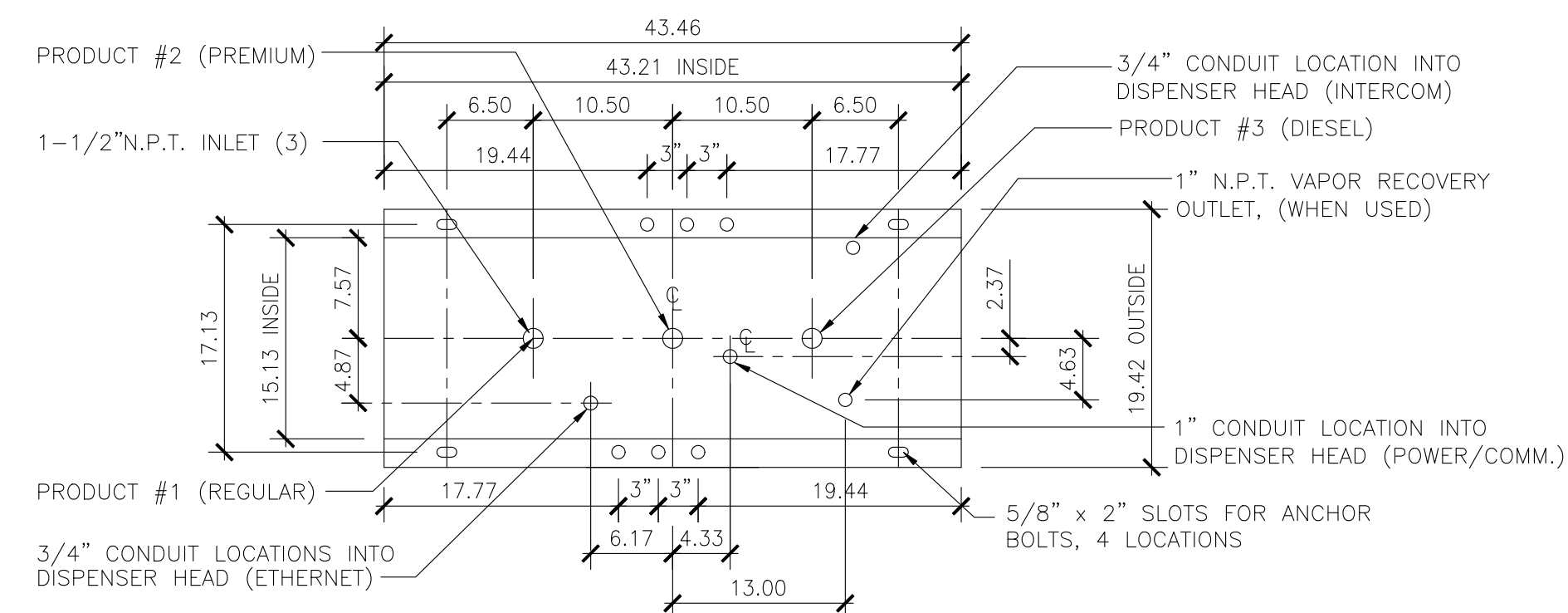
No.	DESCRIPTION	DATE

Project #: A-765  
Date: APRIL, 2022  
Scale: FULL  
Disk File: KroA765\_T8.0-LOOP  
Model: 5(GD) 1RR w/ Floor  
Address: 601 Woodman Drive  
Riverside, OH 45404

**DISPENSER & PIPING  
INSTALLATION DETAILS  
WAYNE OVATION 3+0**

Sheet: T8.0





**ADA COMPLIANCE NOTE:**  
WHEN DISPENSERS ARE INSTALLED AS SHOWN  
ON THIS DRAWING, THE REQUIREMENTS  
REGARDING HANDICAPPED VERTICAL AND  
HORIZONTAL ACCESSIBILITY ARE FULLY MET.

**SAFETY NOTE:**  
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ON THIS DRAWING, THE REQUIREMENTS OF  
NFPA 30A 6.3.9 AND 6.3.9.1 REGARDING  
SHEAR SECTIONS ARE FULLY MET.

STAGE II DESIGN NOTE:  
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DISPENSER SUMP INSTALLATION:  
FUEL INSTALLERS SHALL MOUNT THE  
DISPENSER SUMP INSIDE OF THE STAINLESS  
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THE ISLAND FORMS SHALL BE MOUNTED AT  
GRADE FOR PIPING INSPECTIONS USING STEEL  
ANGLE IRON SUPPORT FRAMES.

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REVISIONS

[illegible]

Project #:	A-765
Date:	APRIL, 2022
Scale:	FULL
Disk File:	KroA765_T8.1-LOOP
Model:	5(GD) 1RR w/ Floor

Address: 601 Woodman Drive  
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## DISPENSER & PIPING INSTALLATION DETAILS WAYNE OVATION 3+1

Sheet: T8.1



GENERAL CONTRACTOR'S SCOPE OF WORK

- A. SITE AND FOUNDATION:
1. SITE PREPARATION AND FOUNDATION INSTALLATION.
  2. LEVEL AND COMPACT 20" OF JOB SITE AROUND FOUNDATION FOR CRANE AND TRUCK ACCESS AT TIME OF DELIVERY.
  3. INSTALL APPROVED SEALANT DIRECTLY UNDER BUILDING WALLS.
  4. INSTALL ANCHOR BOLTS.
  5. G.C. TO INSTALL FLOOR SLAB PER CIVIL DRAWINGS AND AS REQUIRED BY PREVAILING CODE.
- B. MECHANICAL:
1. OBTAIN PERMIT AS WELL AS SECURE LOCAL INSPECTIONS AND APPROVALS ON ALL HVAC WORK DONE AT JOBSITE.
  2. SET ROOF TOP UNIT.
  3. START UP AND BALANCE HVAC SYSTEM.
  4. CONNECT AND PRIME P-TRAP FOR HVAC CONDENSATE LINES.
  5. G.C. TO INSTALL ROOF TOP EQUIPMENT SCREEN/GUARD.
- C. ELECTRICAL:
1. ADD SECONDARY GROUNDING CONDUCTOR SHALL BE SUPPLIED IN BUILDING BY A CONDUCTOR FROM PANEL TO FRAME TO COLD WATER PIPE, WHEN AVAILABLE.
  2. MAKE ELECTRICAL CONNECTIONS TO HVAC UNIT INCLUDING LOW VOLTAGE IF REQUIRED.
  3. MAKE ELECTRICAL SERVICE CONNECTION FROM TRANSFORMER TO BUILDING ENTRY, INCLUDING MOUNTING CT, METER, AND MAIN DISCONNECT IF REQUIRED PER LOCAL CODE.
  4. BUILDING ELECTRICAL CONTRACTOR B.E.C. TO BE BY SAGEBRUSH BUILDING SYSTEMS SHALL FURNISH & INSTALL ALL ELECTRICAL WIRING, CONDUIT, WIREMOLD, FITTINGS, RECEPTACLES AND SWITCHES REQUIRED FOR EQUIPMENT AND FIXTURES FURNISHED WITH BUILDING. G.C. SHALL FURNISH AND INSTALL ALL OTHER ELECTRICAL REQUIRED TO COMPLETE INSTALLATION AND LEAVE READY FOR OPERATION.
  5. FURNISH AND INSTALL W.P. DISCONNECT WITHIN SIGHT OF ALL SIGNS AS REQUIRED PER NEC ARTICLE 600.
  6. G.C. TO FURNISH AND INSTALL SUPPLEMENTARY GROUNDING USING APPROVED GROUND ROD PER NEC ARTICLE 250.
  7. G.C. RESPONSIBLE FOR OBTAINING A FAULT CURRENT STUDY, IF REQUIRED BY LOCAL AUTHORITIES. INTERRUPTING RATING OF SERVICE EQUIPMENT IN THIS BUILDING IS 10,000 A.I.C.S. G.C. SHALL COORDINATE WITH LOCAL UTILITY COMPANY AND DETERMINE AVAILABLE FAULT CURRENT, A REMOTE MAIN SWITCH WITH CURRENT LIMITING FUSES SHALL BE PROVIDED AND INSTALLED BY G.C., IF NECESSARY, TO LOWER FAULT CURRENT TO A COMPATIBLE LEVEL.
- D. PLUMBING:
1. G.C. SHALL MAKE FINAL CONNECTION TO WATER SUPPLY AS REQUIRED BY PREVAILING CODE USING APPROVED MATERIALS.
  2. G.C. SHALL MAKE FINAL CONNECTION TO SANITARY SEWER AS REQUIRED BY PREVAILING CODE USING APPROVED MATERIALS.
  3. G.C. TO INSTALL 4" CLEAN OUT
  4. G.C. TO OBTAIN PERMIT AND SECURE LOCAL INSPECTIONS AND APPROVALS FOR ALL PLUMBING WORK DONE ON SITE.
  5. G.C. TO INSTALL FIXTURES AND DWV PIPING IN THE FIELD TO INCLUDE THE, WATER CLOSET, FLOOR DRAIN, AND MOP SINK AS REQUIRED BY PREVAILING CODE USING APPROVED MATERIALS. G.C. TO INSTALL DWV PIPING ONLY FOR LAVATORY. LAVATORY IS INSTALLED IN FACTORY.



Kroger®

KROGER COMPANY

8'-0" x 21'-7" MODULAR KIOSK  
(ONE RESTROOM)

SCHEDULE OF DRAWINGS

SHEET NO.	SHEET TITLE
CS-1	COVER SHEET
F-1	FOUNDATION PLAN
A-1	FLOOR PLAN & EXTERIOR ELEVATIONS
A-2	BUILDING SECTION
A-3	BUILDING SECTION
A-4	INTERIOR FINISH PLAN
E-1	ELECTRICAL PLANS
E-2	ELECTRICAL SCHEDULES & DETAILS
P-1	PLUMBING PLANS
M-1	MECHANICAL PLAN
S-1	STEEL FRAMING PLAN
S-2	STEEL FRAMING DETAILS
SP-1	SPECIFICATION SHEET
EB-1	EQUIPMENT SCREEN

DESIGN CODES

OHIO BUILDING CODE W/ AMENDMENTS	2017
OHIO MECHANICAL CODE W/ AMENDMENTS	2017
OHIO PLUMBING CODE W/ AMENDMENTS	2017
OHIO FIRE CODE	2017
NATIONAL ELECTRICAL CODE	2017
INTERNATIONAL ENERGY CONSERVATION CODE	2012
INTERNATIONAL FUEL GAS CODE	2015
ANSI A117.1 ACCESSIBILITY CODE	2009

DESIGN CRITERIA

OCCUPANT CLASSIFICATION		EARTHQUAKE DESIGN:	
OCCUPANT LOAD	1-MINIMUM	SEISMIC IMPORTANCE FACTOR (I)	1.0
OCCUPANCY CATEGORY SELECTED FROM OBC TABLE 1604.5	II	MAPPED SPECTRAL RESPONSE ACCELERATION S <sub>s</sub>	0.153
CONSTRUCTION CLASSIFICATION	II B	MAPPED SPECTRAL RESPONSE ACCELERATION S <sub>1</sub>	0.072
BUILDING AREA (IN SQUARE FEET)	174	SITE CLASS	D
GAS TYPE	N/A	SEISMIC DESIGN CATEGORY	B
FIRE RATING OF EXTERIOR WALLS	N/A	SPECTRAL RESPONSE COEFFICIENTS S <sub>DS</sub>	0.163
SOIL PRESSURE ALLOWABLE	2000 psf	SPECTRAL RESPONSE COEFFICIENTS S <sub>m</sub>	0.115
FLOOR LIVE LOAD	100 psf	BASIC SEISMIC FORCE RESISTING SYSTEM	STRUCTURAL STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE
ROOF LIVE LOAD	50 psf		
		DESIGN BASE SHEAR	0.054W
ROOF SNOW LOAD:		SEISMIC RESPONSE COEFFICIENT (C <sub>s</sub> )	0.054
GROUND SNOW LOAD (P <sub>g</sub> )	20 psf	RESPONSE MODIFICATION FACTOR (R)	3.0
FLAT ROOF SNOW LOAD (P <sub>f</sub> )	20 psf	ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE ANALYSIS
SNOW EXPOSURE FACTOR (C <sub>e</sub> )	1.2	RISK CATEGORY	I I
THERMAL FACTOR (C <sub>t</sub> )	1.0	FLOOD DESIGN:	N/A
SNOW LOAD IMPORTANCE FACTOR (I)	1.0		
WIND LOAD:			
WIND PRESSURE	24.4 psf		
INTERNAL PRESSURE COEFFICIENT	±0.18		
BASIC WIND SPEED (3 SECOND GUST)	115 mph		
WIND IMPORTANCE FACTOR (I)	1.0		
WIND EXPOSURE	C		
COMPONENTS AND CLADDING	-31.6/+24.6 psf		

NOTES

1. THIS BUILDING COMPLIES WITH THE AMERICANS WITH DISABILITIES ACT
2. THIS BUILDING IS UNSPRINKLERED
3. THIS BUILDING SHALL BE LOCATED NO LESS THAN 20'-1" FROM ANY PROPERTY LINE
4. THIS BUILDING SHALL NOT BE LOCATED WITHIN 60'-0" OF AN UNLIMITED AREA BUILDING PER IBC SECTION 507.
5. THIS BUILDING IS A STAND-ALONE STRUCTURE.
6. THIS BUILDING SHALL NOT BE SET WITHIN A FLOOD HAZARD AREA.
7. ALL ITEMS REQUIRED THAT ARE NOT WITHIN THE CONFINES OF THE MODULAR BUILDING SHALL BE PROVIDED BY THE OWNER AT THE JOBSITE
8. THE OWNER SHALL POST A SUITABLE PLACARD, SECURELY FASTENED IN PLACE, READILY VISIBLE WITH ALL DESIGN CRITERIA INFORMATION
9. THE INTERNATIONAL ENERGY CONSERVATION CODE SHALL APPLY TO ALL MATTERS GOVERNING THE DESIGN AND CONSTRUCTION OF BUILDINGS FOR ENERGY EFFICIENCY
10. RESTROOMS IN ADJACENT BUILDING ON SITE
11. THIS BUILDING SHALL BE ACCESSIBLE BY MEANS OF HANDICAP RAMP TO BE FURNISHED AND INSTALLED BY OTHERS
12. ROOF DESIGN CRITERIA EXCEEDS THE REQUIREMENTS OF IBC SECTION 1603.1 AND 1603.1.3
13. ABBREVIATIONS:
  - BEC = BUILDING ELECTRICAL CONTRACTOR (SAGEBRUSH BUILDING SYSTEMS)
  - BPE = BUILDING PLUMBING CONTRACTOR (SAGEBRUSH BUILDING SYSTEMS)
  - GC = GENERAL CONTRACTOR (ONSITE)

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AARON R LANDRUM, PE

1201 East 3rd Street  
Tulsa, OK 74120

918.518.1124

REVISIONS

REV	DESCRIPTION	DATE	BY					

Ventaire, LLC

Sagebrush  
BUILDING SYSTEMS

VFS

KROGER COMPANY

8'-0" X 21'-7" MODULAR KIOSK  
COVER SHEET

PROJECT ADDRESS  
KROGER A-765- 601 WOODMAN DR. - RIVERSIDE, OH 45404

QUOTE NO.:	22-0169
JOB NO.:	60441
DRAWN BY:	JH
DATE:	03/16/22
SCALE:	1 TO 1
SYSTEM I.D. NO.:	KC 8 X 21
SHEET	1 OF 1

DWG. NO. CS-1



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Tulsa, OK 74120

918.518.1124



REVISIONS

REV	DESCRIPTION	BY	DATE

909 N. WHEELING AVE. TULSA, OK 74110

**Sagebrush**  
BUILDING SYSTEMS

**VFS**

Ventaire, LLC

1631 E. FRONT ST. LOGAN OH. 43138

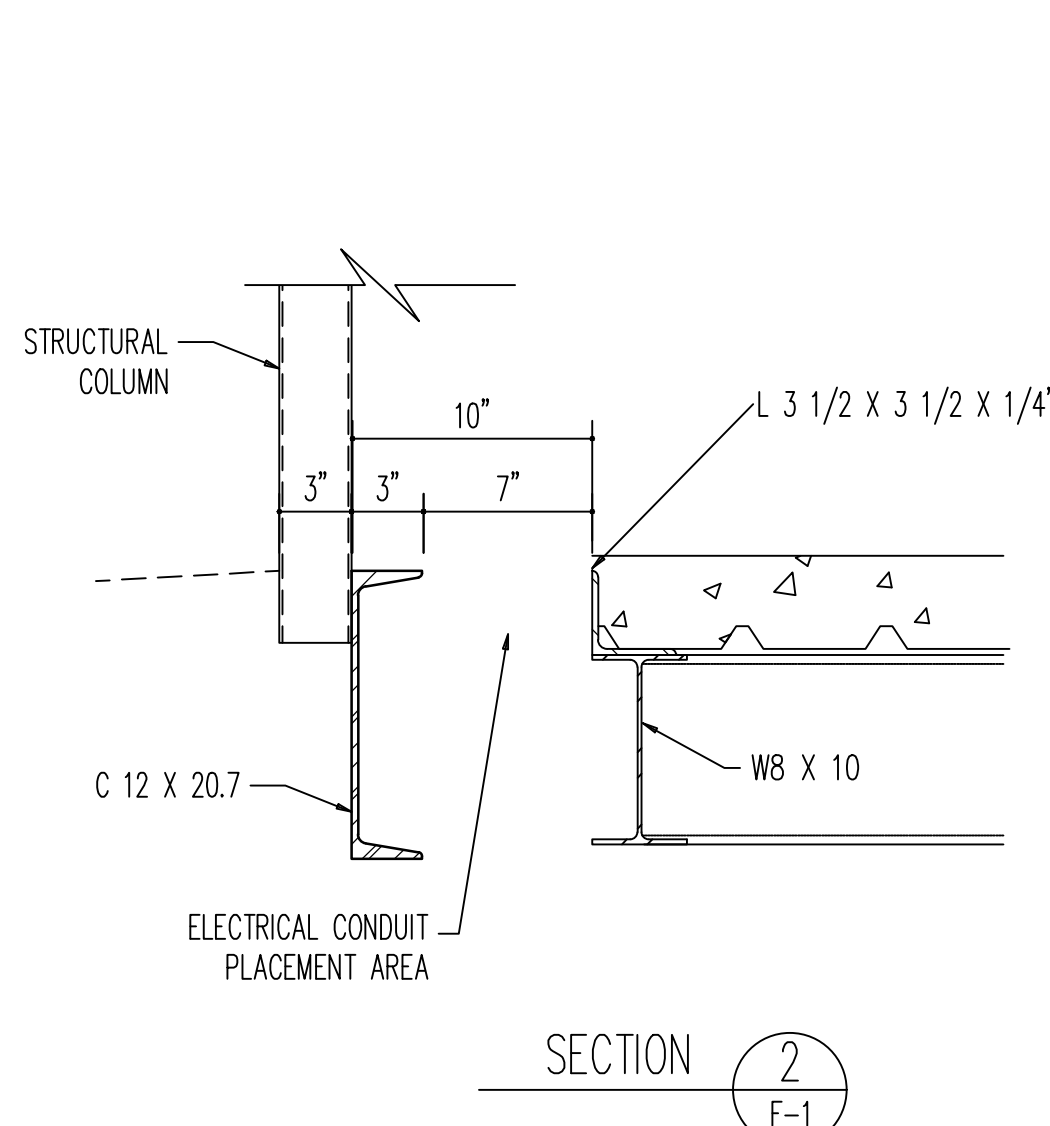
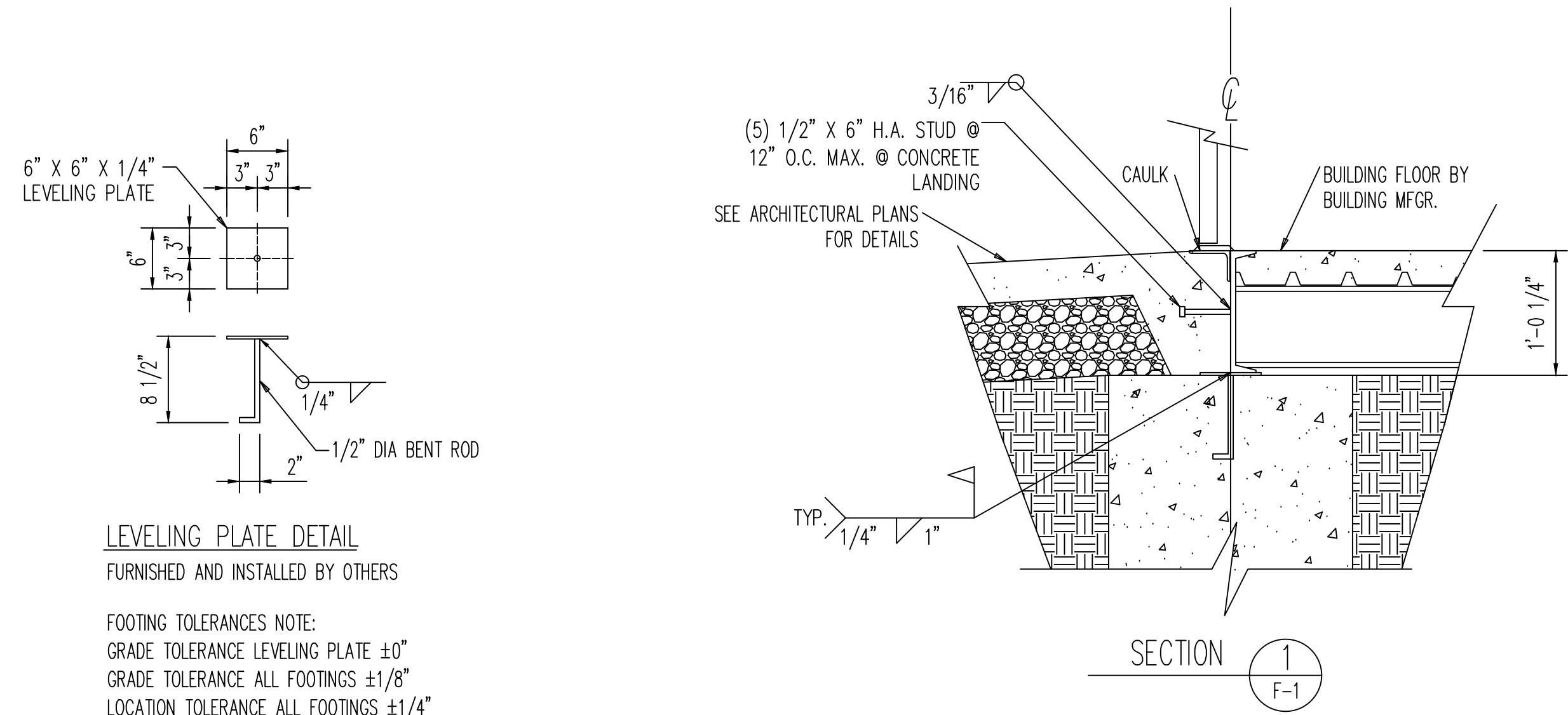
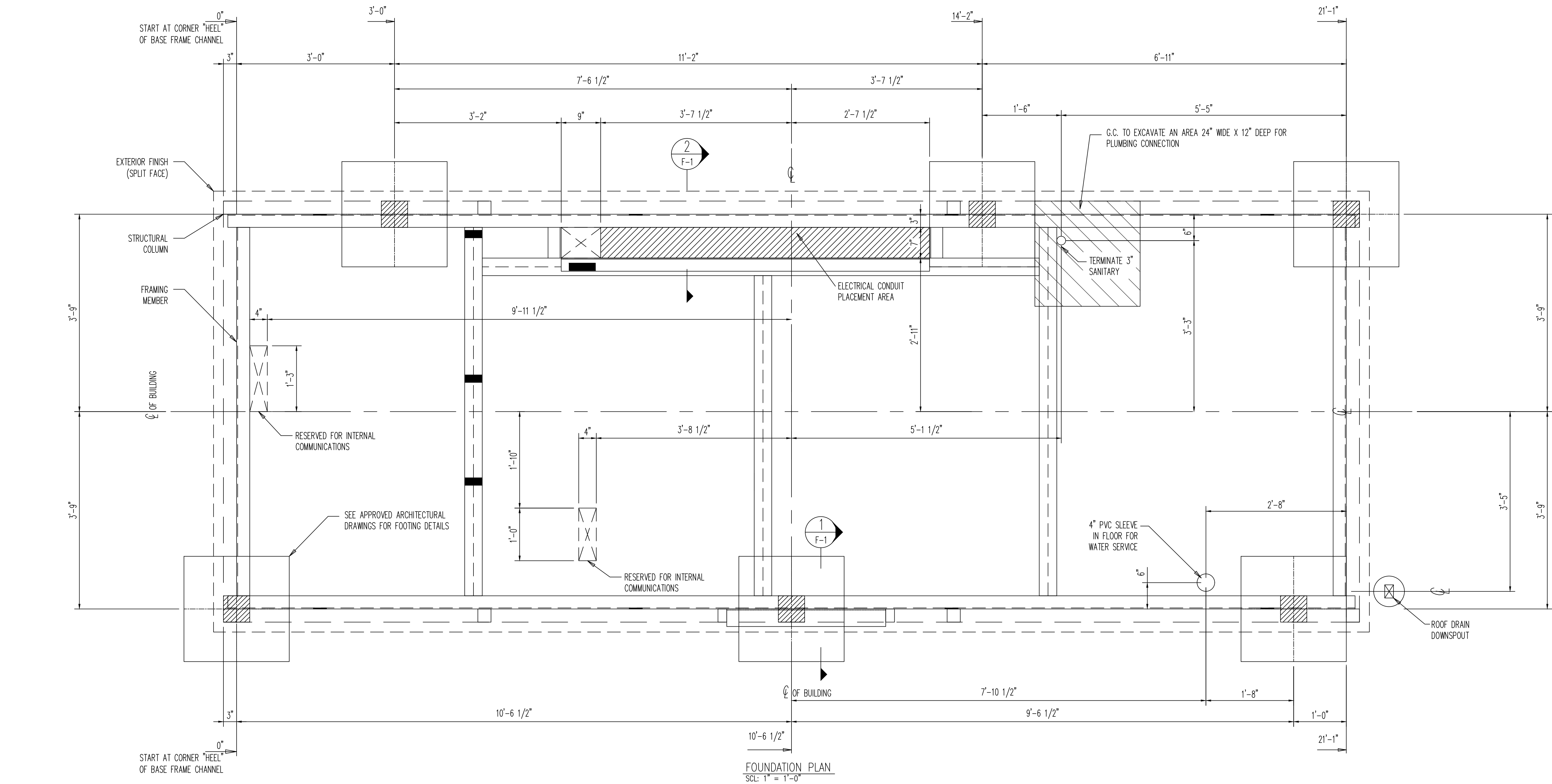
KROGER COMPANY

8'-0" X 21'-7" MODULAR KIOSK  
FOUNDATION PLAN

PROJECT ADDRESS  
KROGER A-765- 601 WOODMAN DR. - RIVERSIDE, OH 45404

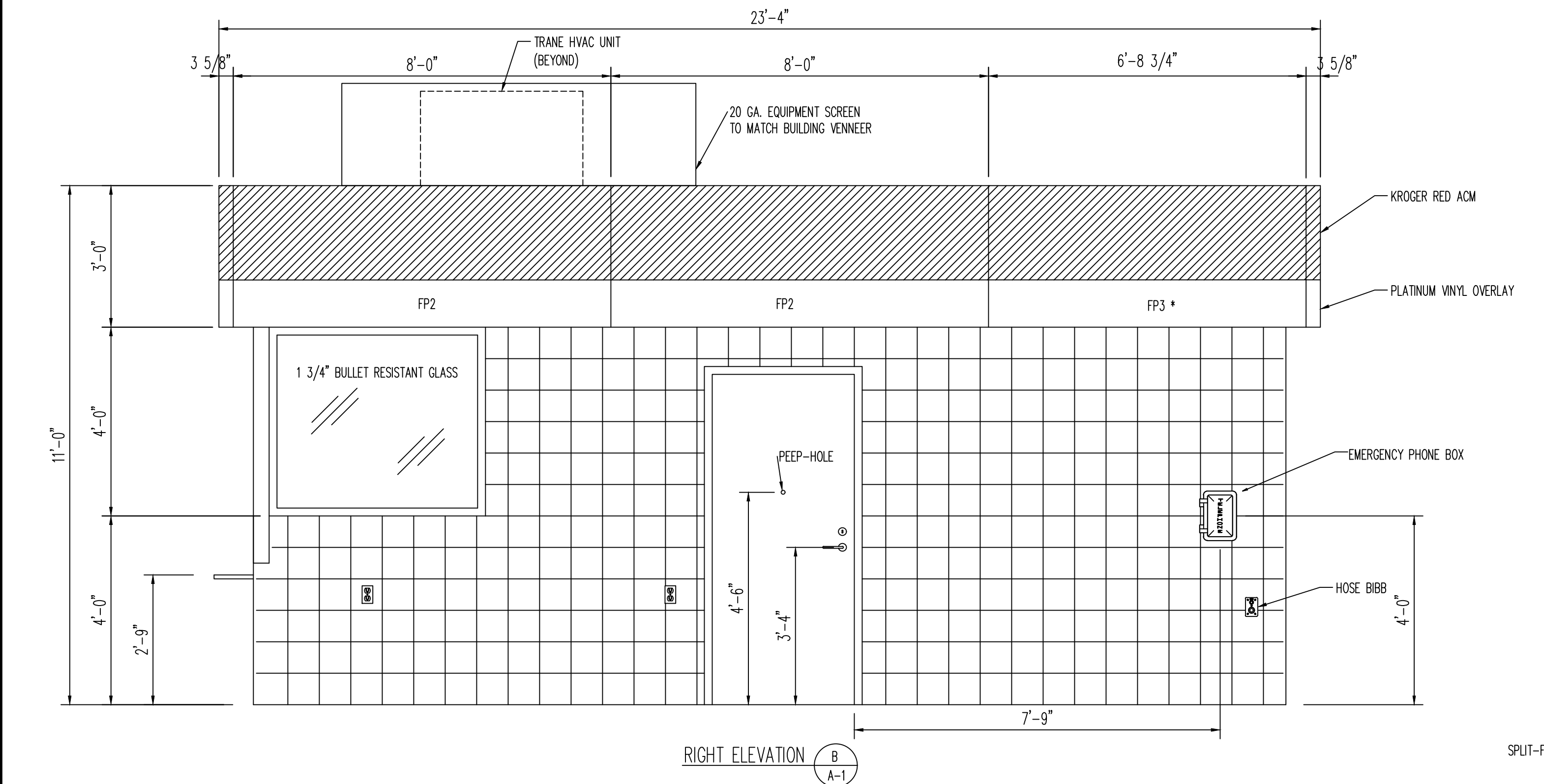
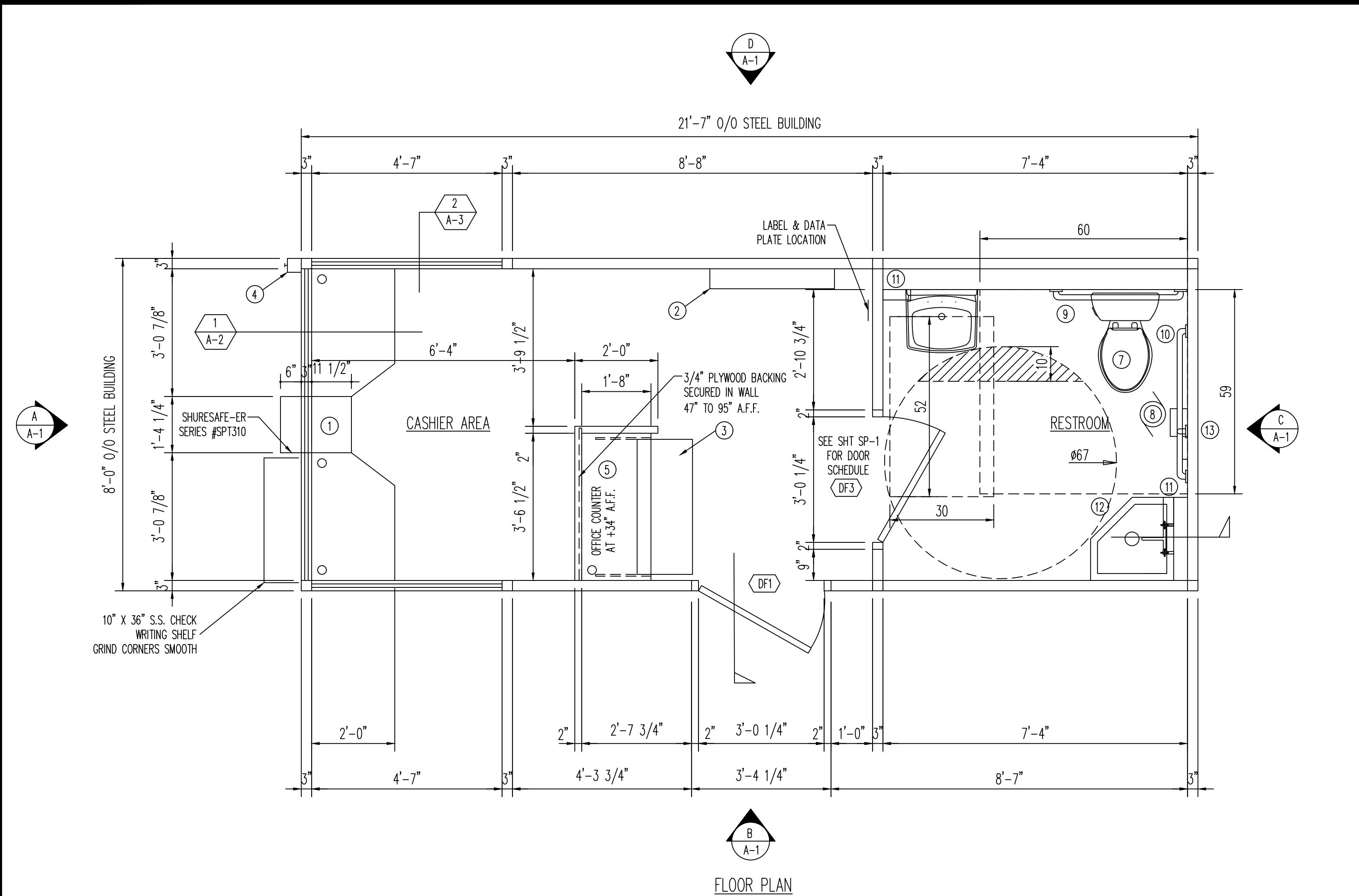
QUOTE NO.:	22-0169
JOB NO.:	60441
DRAWN BY:	JH
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SCALE:	1" = 1'-0"
SYSTEM I.D. NO.:	KC 8 X 21
SHEET	1 OF 1

DWG. NO. F-1

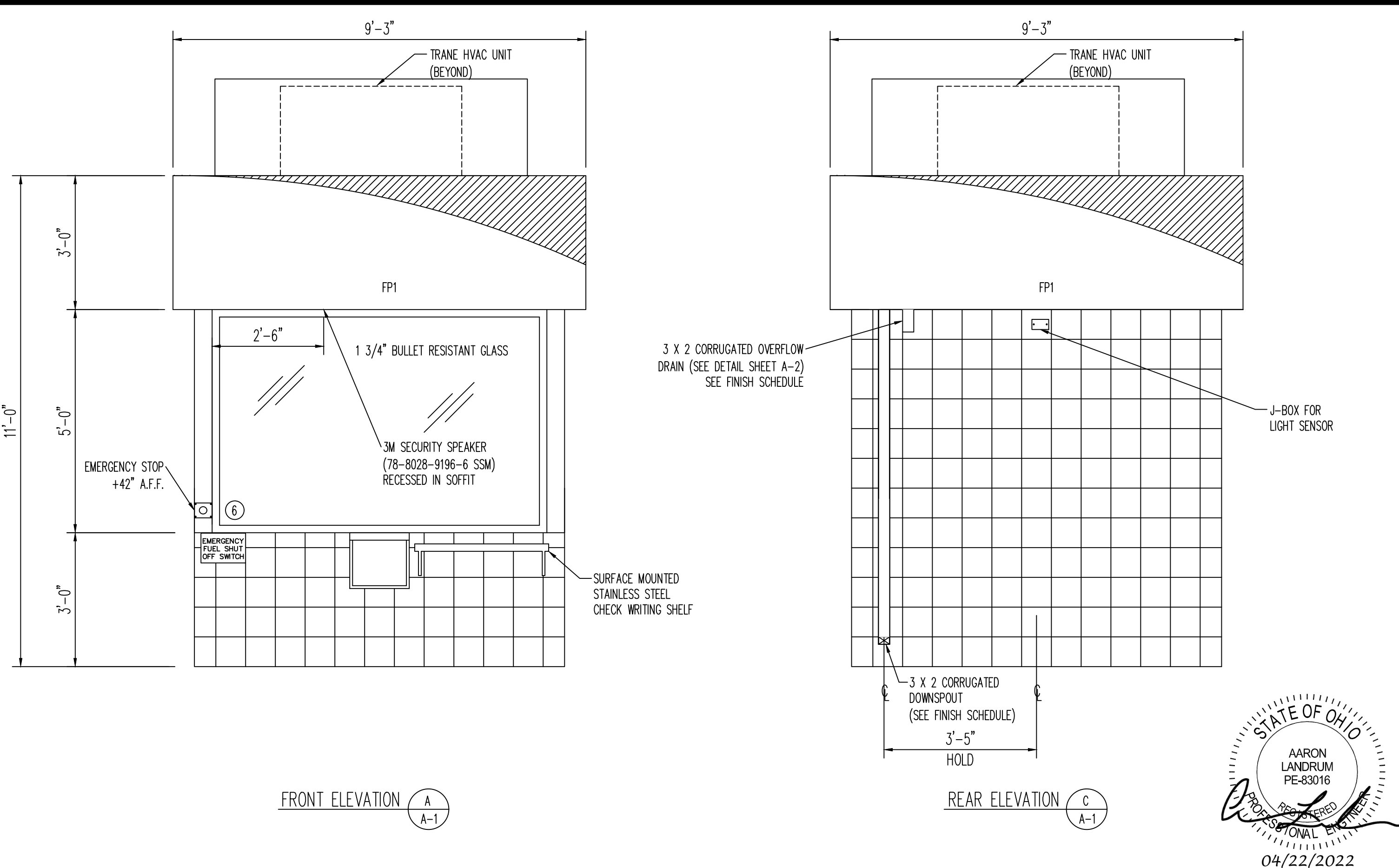


- IT SHALL BE THE RESPONSIBILITY OF THE OWNER/GC TO VERIFY EXISTING SOIL CONDITIONS.
- FOUNDATIONS ARE BY OTHERS UNDER SEPARATE PERMIT. DETAILS SHOWN IN THIS DRAWING ARE FOR UTILITY LOCATION ONLY PER BUILDING MANUFACTURER.
- REFER TO OWNER SUPPLIED CIVIL DRAWINGS AND SITE PLAN FOR ACTUAL FOOTING SIZES AND LOCATIONS.
- FOUNDATIONS MUST MEET STATE AND LOCAL CODES AND MUST BE APPROVED BY THE A.H.J. (AUTHORITY HAVING JURISDICTION)
- BOTTOM OF FOOTINGS SHALL BE AT OR BELOW FROST LINE AS DETERMINED BY A.H.J.
- GENERAL CONTRACTOR SHALL APPLY RED-OXIDE RUST INHIBITIVE PRIMER TO EMBED PLATES AND WELDS AFTER FIELD INSPECTION IS PERFORMED.
- GENERAL CONTRACTOR SHOULD REFER TO GEO-TECHNICAL REPORT/LOCAL INSPECTOR IF OTHER PROTECTION IS NEEDED.
- SPECIAL INSPECTIONS (IF REQUIRED) ARE BY OTHERS.

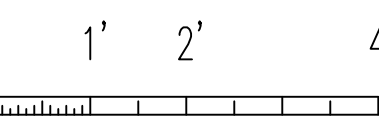
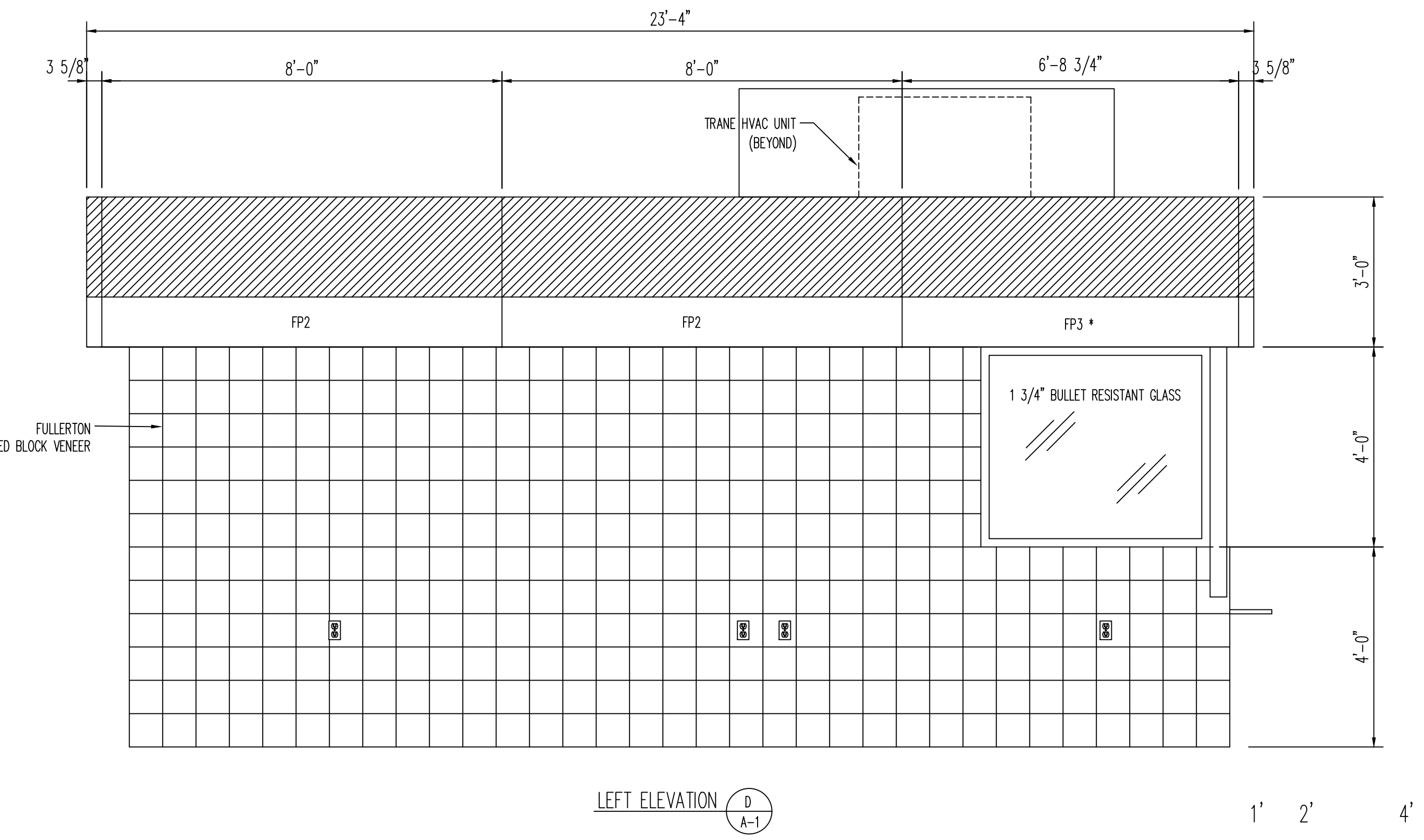




EQUIPMENT SCHEDULE		NOTES	GRAPHIC SYMBOLS
① SHURESAFE-ER SERIES #SPT310 - FURNISH WITH KIOSK ② PANEL BOARD - FURNISH WITH KIOSK ③ SLIDE OUT KEYBOARD TRAY - MOUNT BELOW OFFICE COUNTER ④ EMERGENCY STOP - FURNISHED WITH ITEM #2	⑤ OFFICE COUNTER - 20" X 42 1/2"	1. VERIFY EQUIPMENT LAYOUT WITH KROGER SITE SPECIFIC DRAWINGS. 2. WHEN BLOCK CAST VENEER IS USED ALL BLOCK JOINTS TO BE CAULKED W/ COLOR TO MATCH BLOCK. 3. WHEN BLOCK CAST VENEER IS USED ALL CORNERS TO BE PRECAST 90 DEGREE SECTIONS. CUSTOMER TO SPECIFY COLOR AND FINISH OF CAST VENEER.	Symbols for section cut, elevation, and detail.
	⑥ UNITED SIGN CO. U-MS-76 - FURNISH WITH KIOSK		
	⑦ WATER CLOSET		
	⑧ BROAN EXHAUST FAN		
	⑨ GRAB BARS (SEE SHEET P-1 FOR SIZE AND LOCATION)		
	⑩ GRAB BARS (SEE SHEET P-1 FOR SIZE AND LOCATION)		
	⑪ WATER HEATER		
	⑫ SERVICE SINK		
	⑬ GRAB BARS (SEE SHEET P-1 FOR SIZE AND LOCATION)		



EXTERIOR FINISH SCHEDULE:		
ITEM	COLOR	PAINT TYPE
FASCIA:	KROGER RED ACM/PLATINUM	PRE-FINISHED/DECAL
WALLS:	"ESSENTIAL GRAY"	A100
EQUIPMENT SCREEN:	"ESSENTIAL GRAY"	ALK 200
DOORS AND JAMB:	"ESSENTIAL GRAY"	ALK 200
DOWNSPOUTS:	"ESSENTIAL GRAY"	ALK 200



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**AARON R LANDRUM, PE**

1201 East 3rd Street  
Tulsa, OK 74120

918.518.1124

REVISIONS		DATE	BY
REV	DESCRIPTION		

**Ventaire, LLC**

**Sagebrush** BUILDING SYSTEMS

**VFS**

**KROGER COMPANY**

**8'-0" X 21'-7" MODULAR KIOSK**

**FLOOR PLAN & ELEVATIONS**

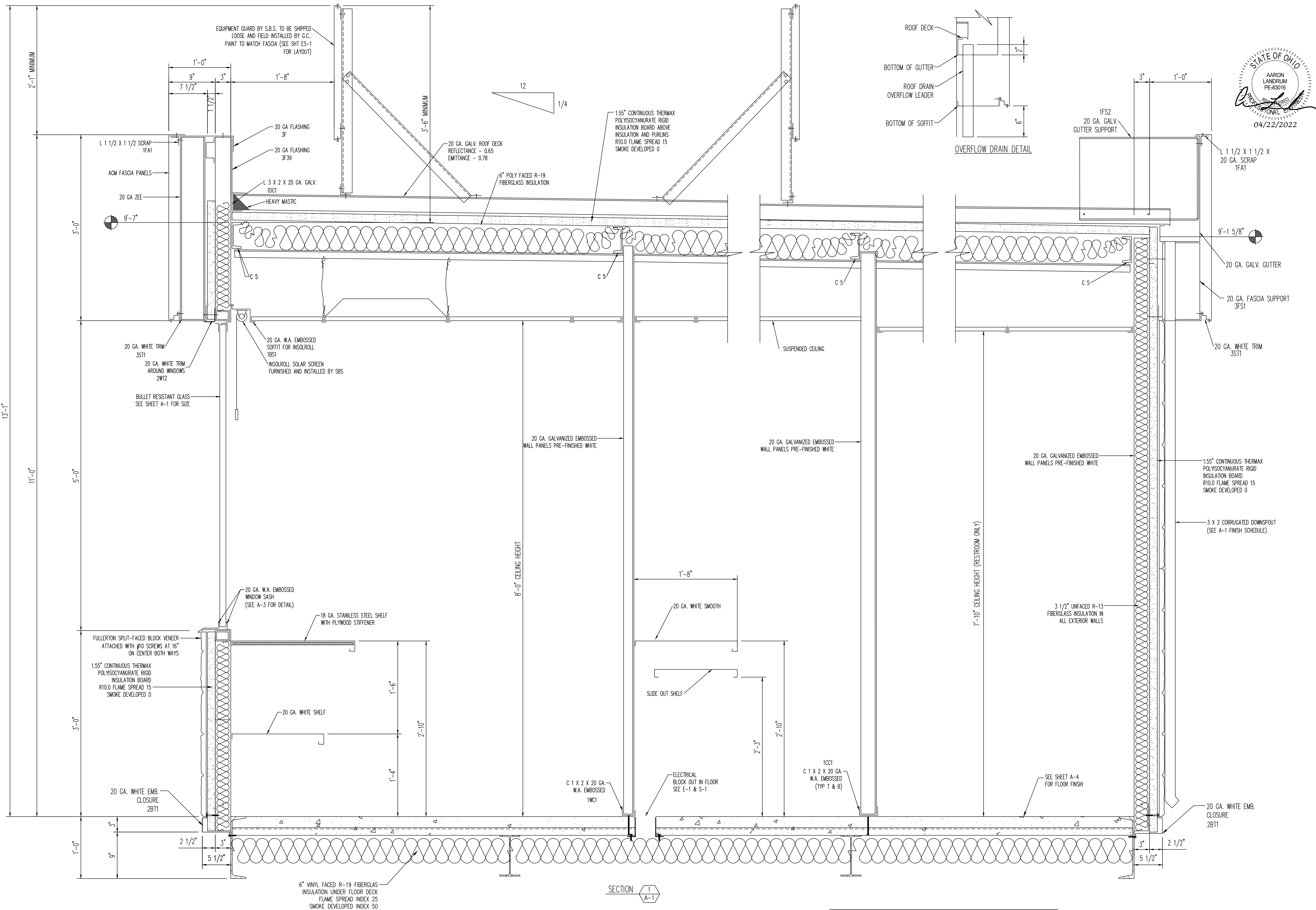
PROJECT ADDRESS  
KROGER A-765- 601 WOODMAN DR. - RIVERSIDE, OH 45004

QUOTE NO.:	22-0169
JOB NO.:	60441
DRAWN BY:	JH
DATE:	03/16/22
SCALE:	1/2"=1'-0"
SYSTEM I.D. NO.:	KC 8 X 21

DWG. NO.

**A-1**





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1201 East 3rd Street  
Tulsa, OK 74120  
918.518.1124

REVISIONS	
REV	DESCRIPTION

Ventaire, LLC

Sagebrush BUILDING SYSTEMS

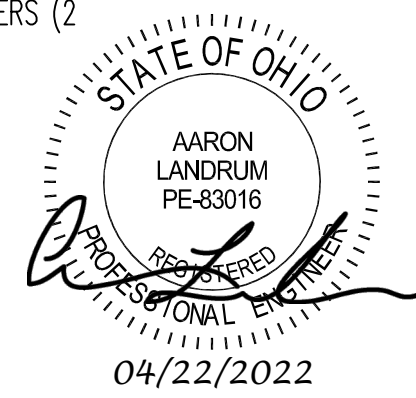
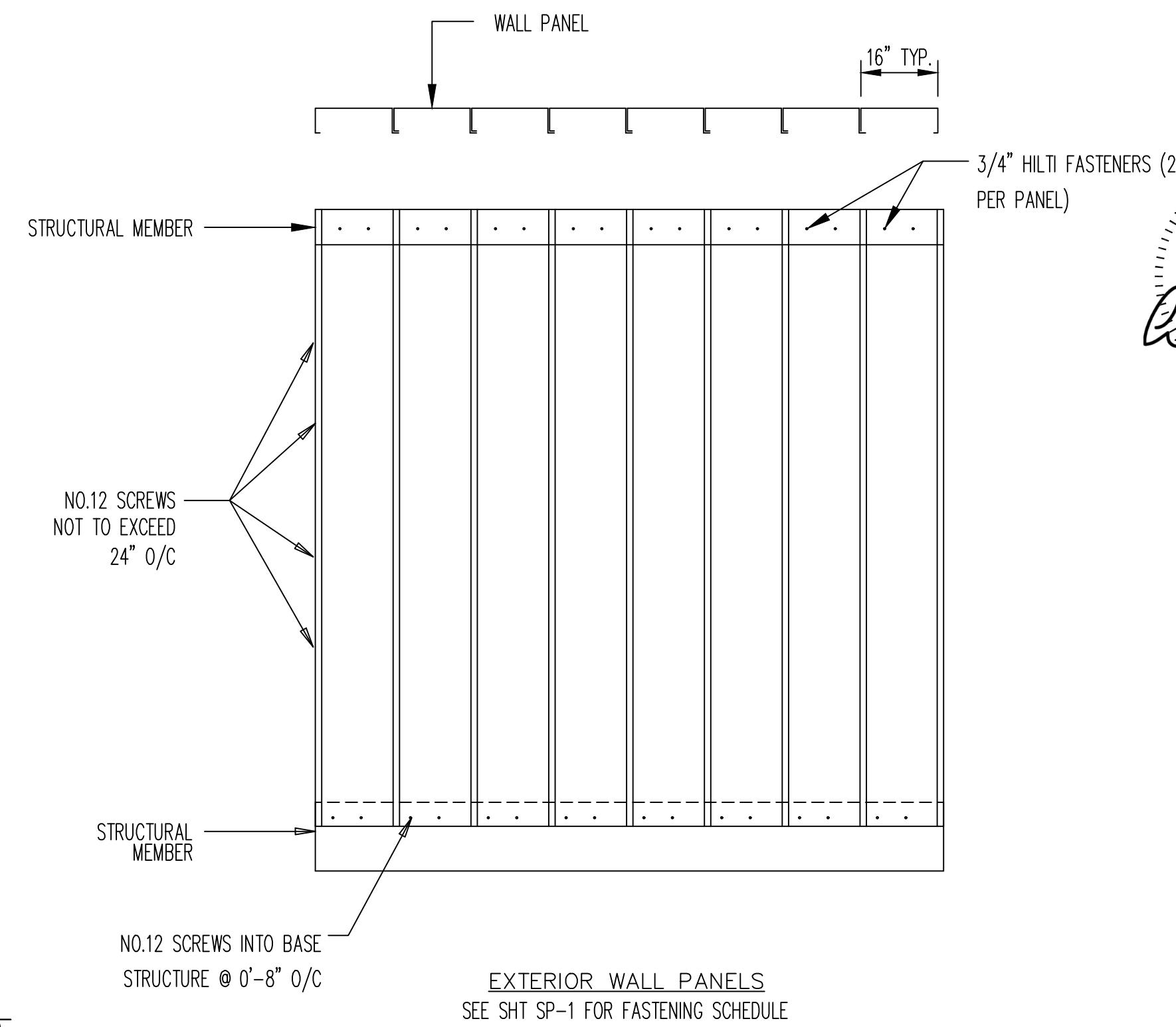
VFS

909 N. WHEELING AVE. TULSA, OK 74110

1631 E. FRONT ST. LOGAN OH. 43138

KROGER COMPANY	
8'-0" X 21'-7" MODULAR KIOSK BUILDING SECTION	
PROJECT ADDRESS KROGER A-765- 601 WOODMAN DR. - RIVERSIDE, OH 45404	
QUOTE NO.:	22-0169
JOB NO.:	60441
DRAWN BY:	VENTAIRE
DATE:	03/16/22
SCALE:	1 1/2"=1'-0"
SYSTEM I.D. NO.:	KC 8 X 21
SHEET	2 OF 4
DWG. NO.	A-2





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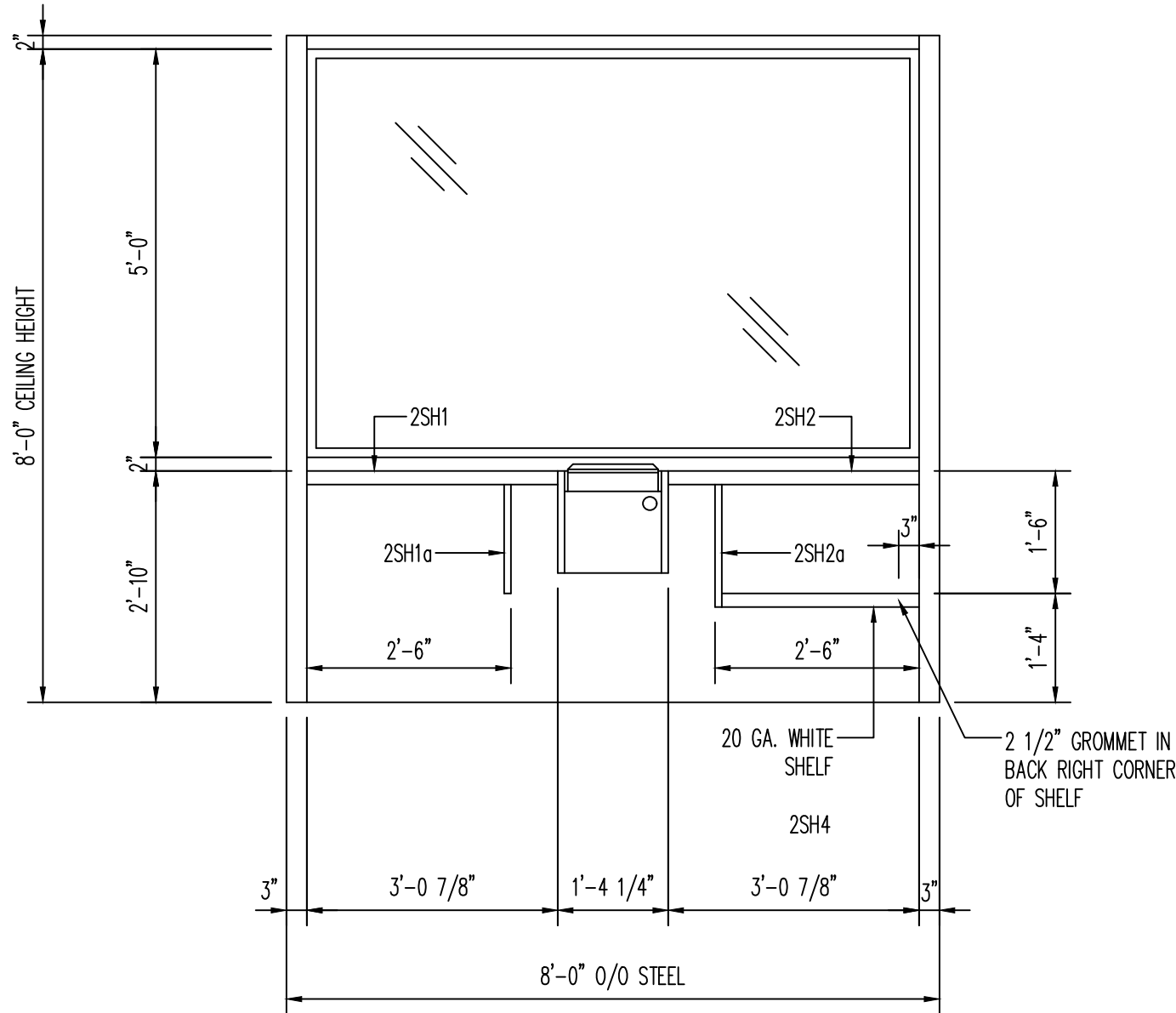
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KROGER COMPANY  
3'-0" X 21'-7" MODULAR KIOSK  
BUILDING SECTION  
PROJECT ADDRESS  
KROGER A-765- 601 WOODMAN DR. - RIVERSIDE, OH 45404

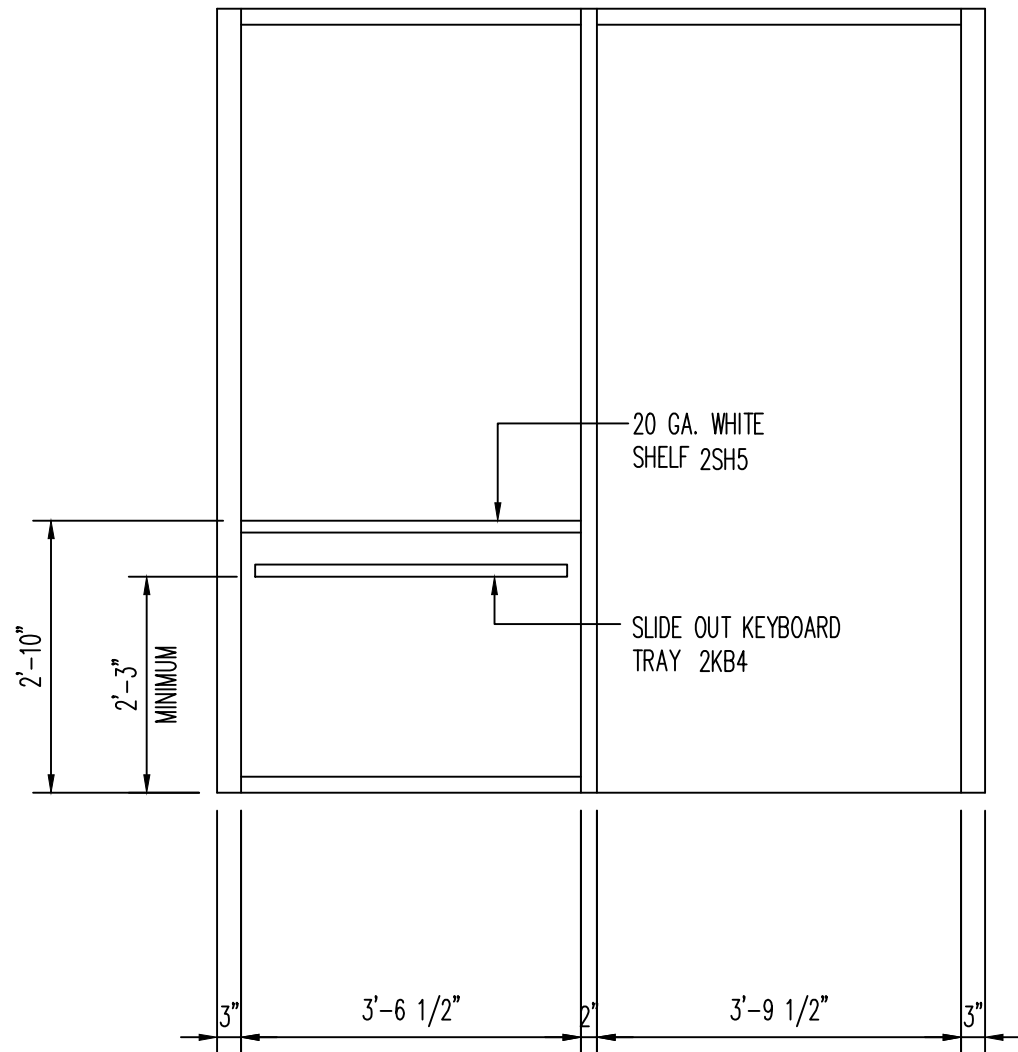
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JOB NO.:	60441
DRAWN BY:	VENTAIRE
DATE:	03/16/22
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SYSTEM I.D. NO.:	KC 8 X 21
SHEET 3	OF 4
DWG. NO.	A-3

DWG.  
NO. A-3

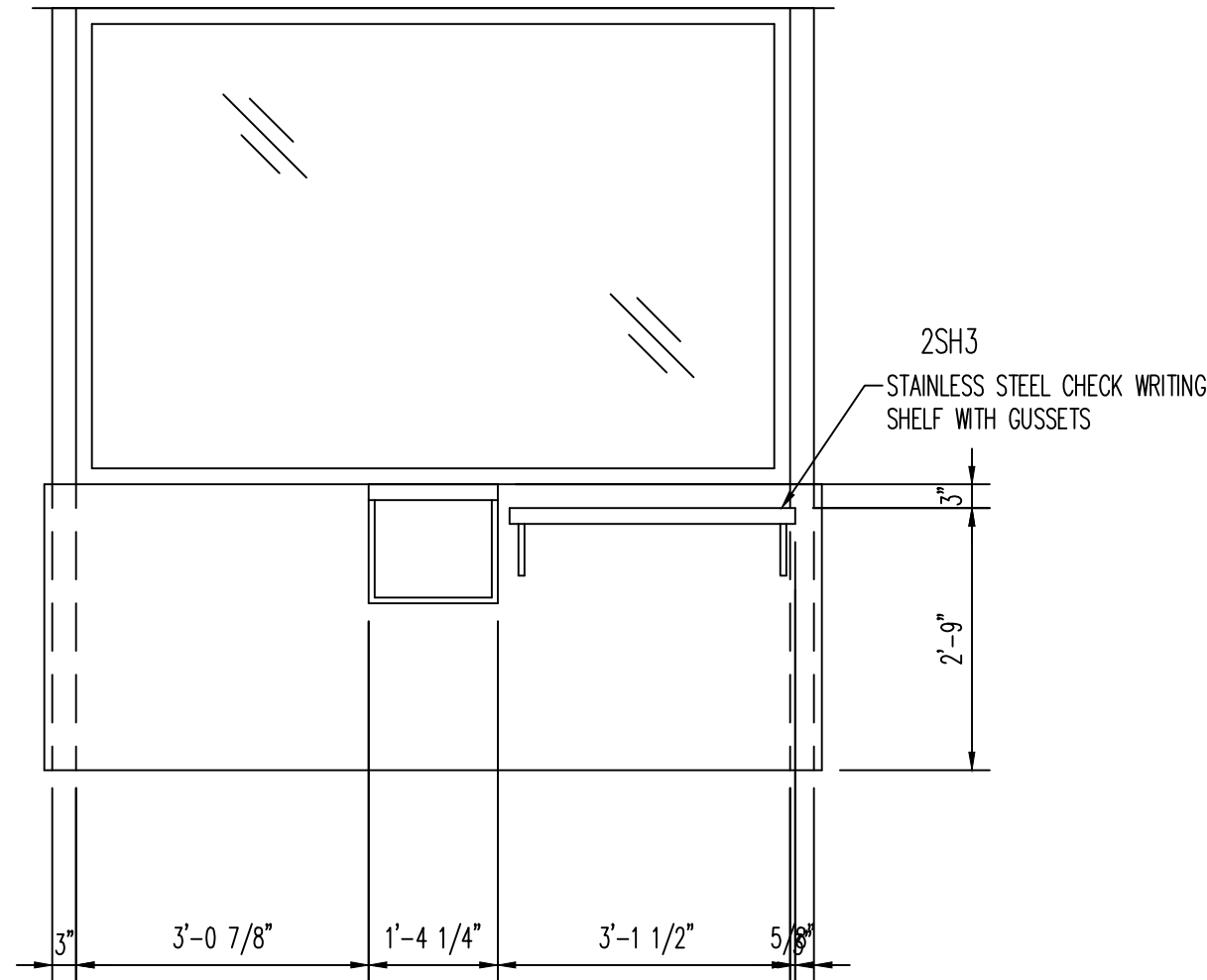




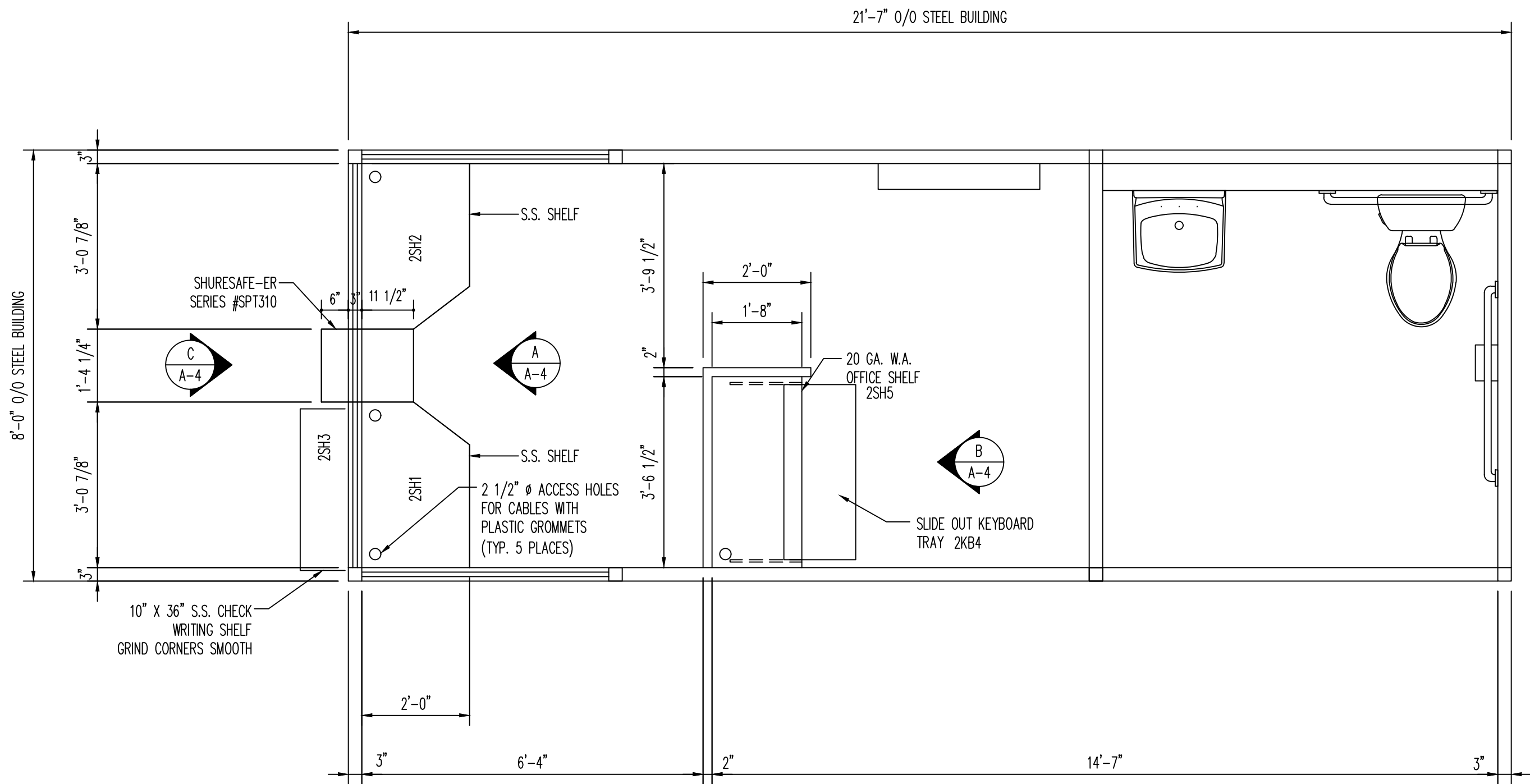
ELEVATION  
A  
A-4



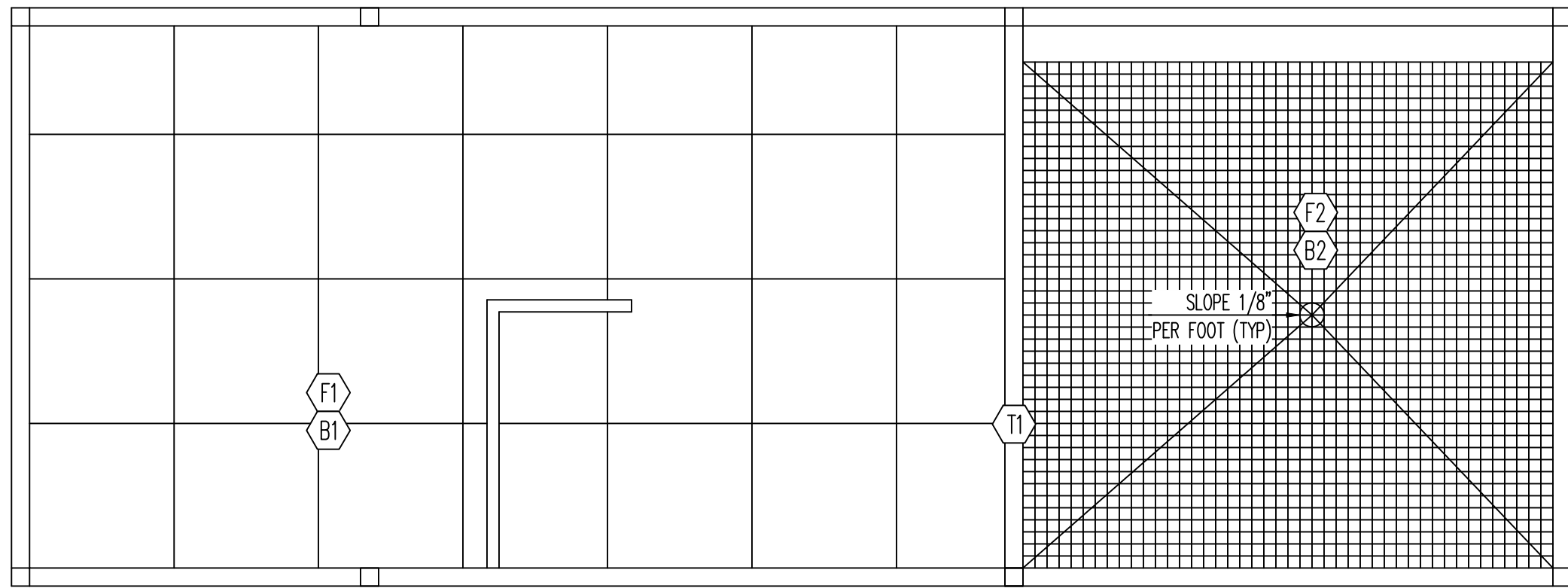
ELEVATION  
B  
A-4



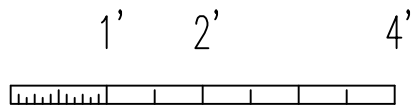
ELEVATION  
C  
A-4



SHELVING FLOOR PLAN



FLOOR FINISH SCHEDULE					
MARK	TYPE	DESCRIPTION	COMMENTS	FURNISHED BY	INSTALLED BY
F1	FLOORING	RUBBER FLOORING INC. 8mm 24" X 24" INTERLOCKING RUBBER TILES GRANITE PEAK 95%	SHIP LOOSE	SBS	G.C.
F2	FLOORING	AMERICAN OLEAN UNGLAZED MOSAICS COLOR BODY PORCELAIN 2" X 2" FLOOR TILE LIGHT SMOKE SPC 0A04 AND WITH GRAY EPOXY GROUT TO MATCH FIELD BODY COLOR OF TILE		SBS	SBS
T1	TRANSITION	CUSTOM BUILDING PRODUCTS 5/16" L SHAPED TILE EDGE SILVER ALUMINUM FINISH		SBS	SBS
B1	WALL BASE	6" BLACK VINYL COVE BASE	SHIP LOOSE	SBS	G.C.
B2	WALL BASE	6" BLACK VINYL COVE BASE		SBS	SBS



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AARON R LANDRUM, PE

1201 East 3rd Street  
Tulsa, OK 74120

918.518.1124

REVISIONS

REV	DESCRIPTION	BY	DATE

Ventaire, LLC

Sagebrush  
BUILDING SYSTEMS

VFS

909 N. WHEELING AVE. TULSA, OK 74110

1631 E. FRONT ST. LOGAN OH. 43138

KROGER COMPANY

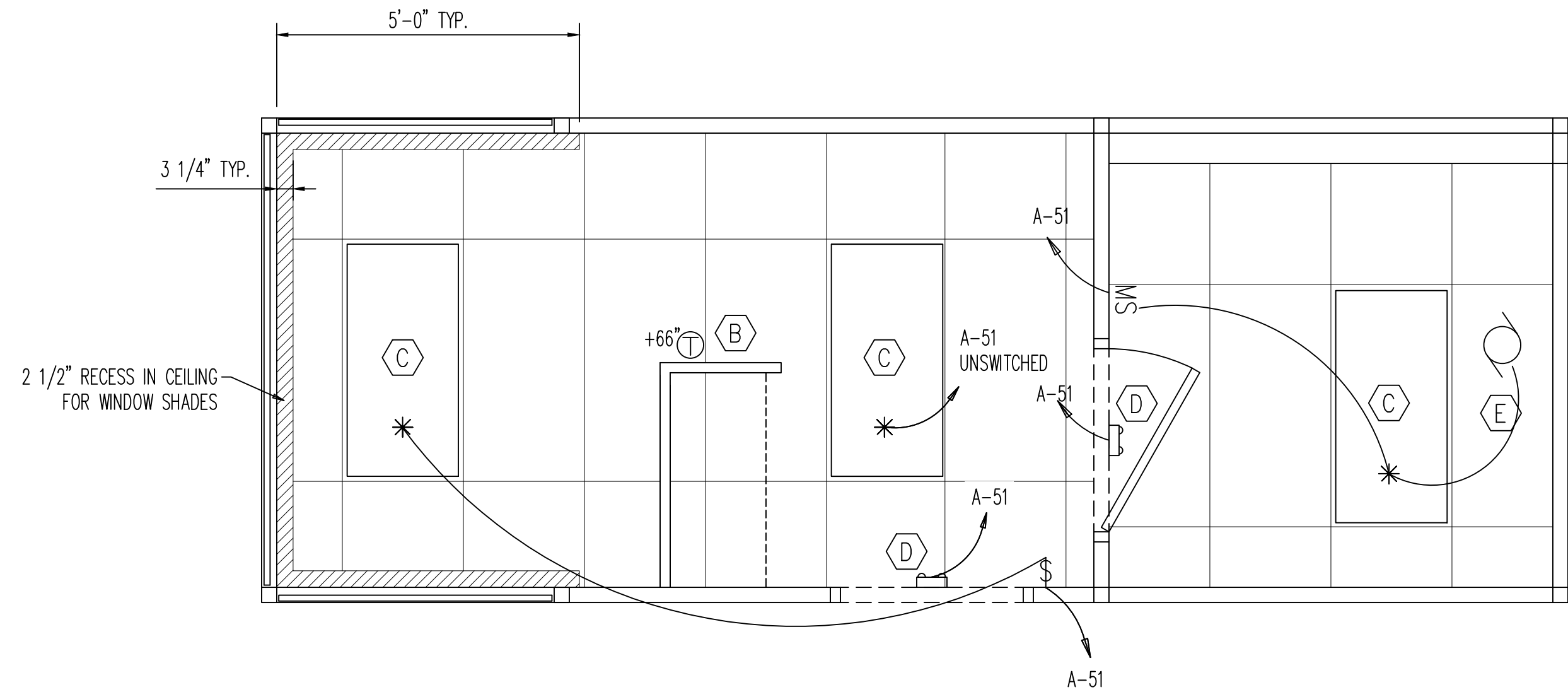
8'-0" X 21'-7" MODULAR KIOSK  
INTERIOR FINISH PLAN

PROJECT ADDRESS  
KROGER A-785- 601 WOODMAN DR. - RIVERSIDE, OH 45004

QUOTE NO.:	22-0169
JOB NO.:	60441
DRAWN BY:	JH
DATE:	03/16/22
SCALE:	1/2"=1'-0"
SYSTEM I.D. NO.:	KC 8 X 21
SHEET	4 OF 4

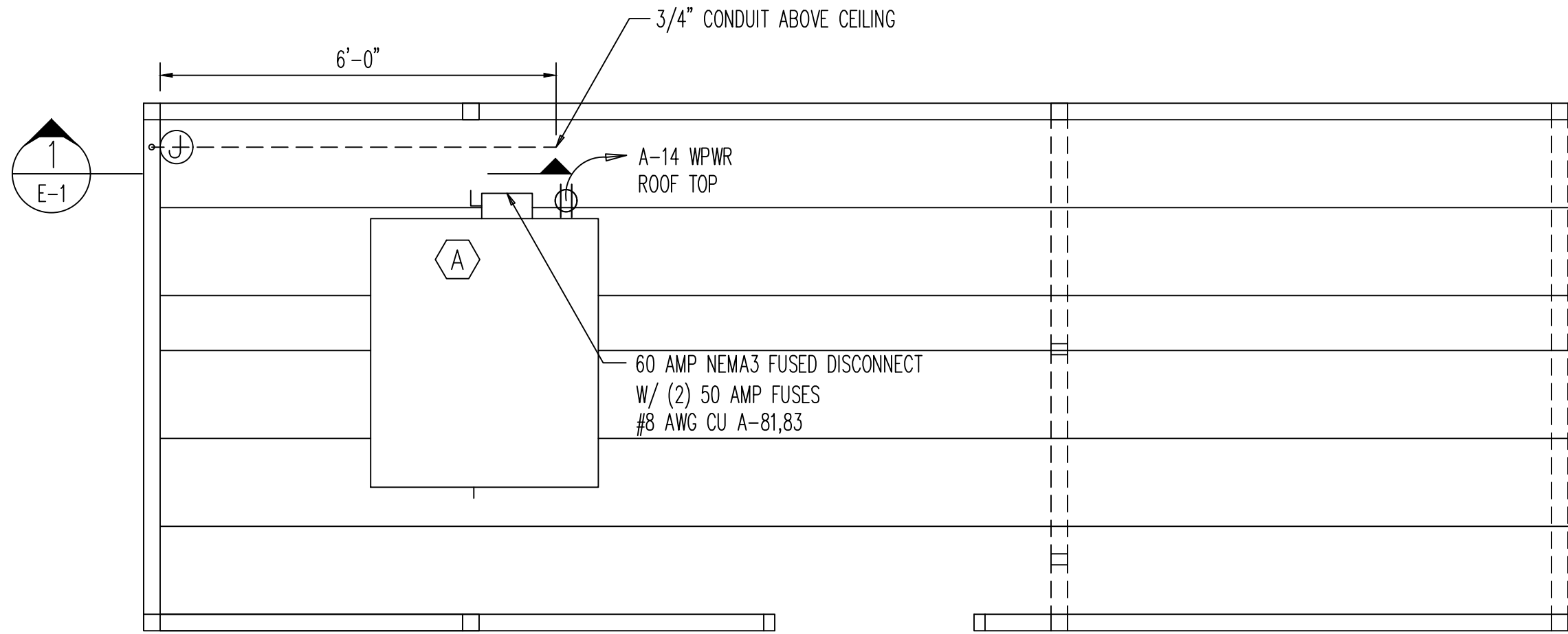
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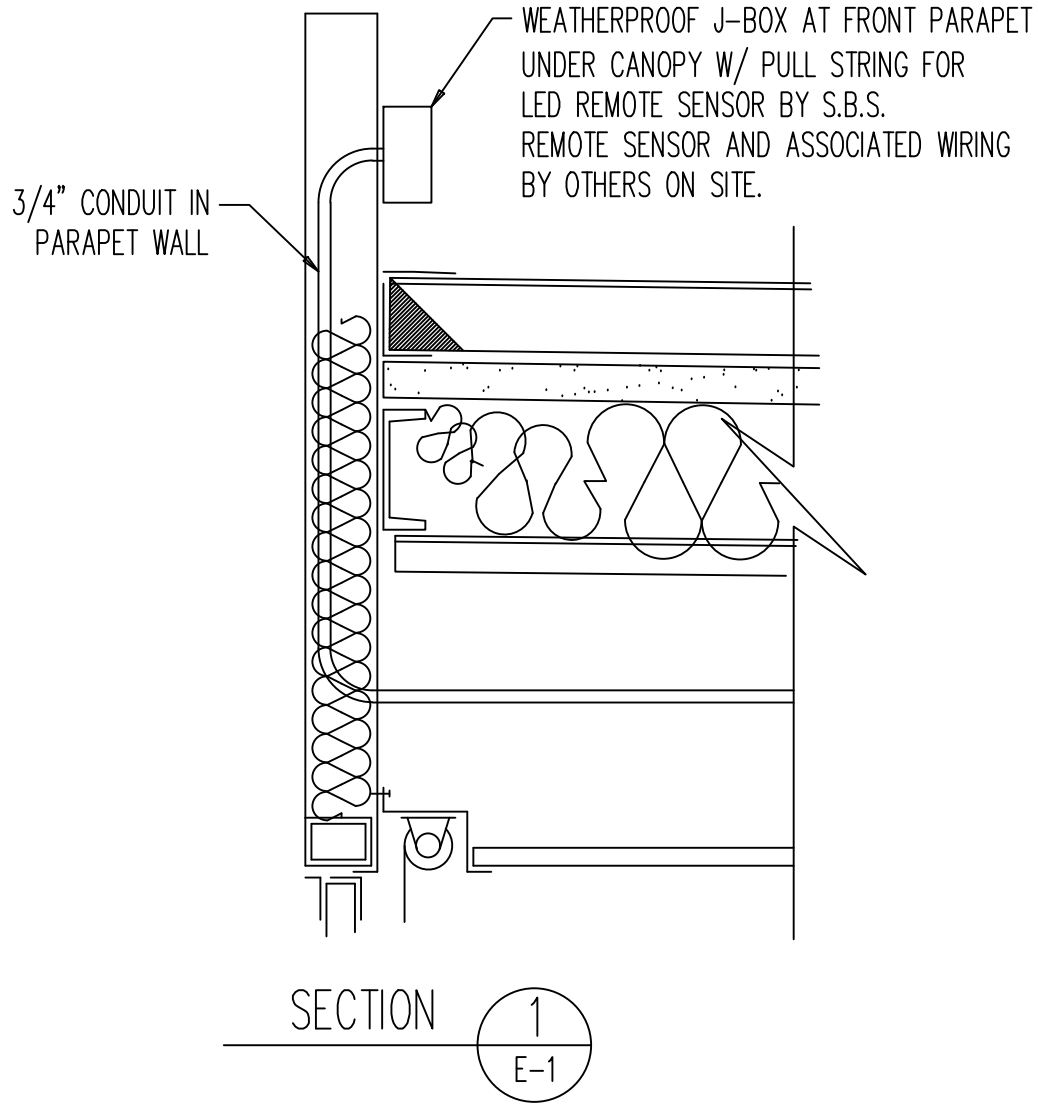


ELECTRICAL LIGHTING PLAN  
SCALE 1/2" = 1'-0"

- NOTES :
1. TELEPHONE IN 3/4" CONDUIT TO STUB ABOVE CEILING. B.E.C. TO FURNISH AND INSTALL JACKS AND 4-CONDUCTOR WIRE. WIRES TO BE NUMBERED PER BOX AND CONTINUED INTO TELEPHONE JUNCTION BOX ON EQUIPMENT WALL.
  2. EXTERIOR LIGHTING AT THE EXIT OF BUILDING IS PROVIDED BY OTHERS.
  3. SEE SHEET A-2, A-3 FOR EXTERIOR VENEER DEPTH.
  4. BUILDING EXTERIOR AND ROOFTOP RECEPTACLES HAVE GROUND FAULT PROTECTION THROUGH GFCI BREAKERS IN THE PANEL.
  5. GC TO MAKE ELECTRICAL SERVICE CONNECTION AT BUILDING ENTRY, INCLUDING MOUNTING CT, METER, AND 225A MAIN FUSED DISCONNECT AS REQUIRED PER LOCAL CODE.
  6. PHOTOCELL TO BE 120V, SBS TO PROVIDE (3) 16 AWG WIRES (WHITE/BLACK/RED). PHOTOCELL TO BE PRE-WIRED IN PANEL AT PREDESIGNATED TERMINALS. FOR HILL PHOENIX PANELS, E-STOP WIRING TO BE LANDED AT TWO TERMINALS DESIGNATED BY A LONG YELLOW JUMPER WIRE.
  - 7.



ELECTRICAL ROOF PLAN  
SCALE 1/2" = 1'-0"



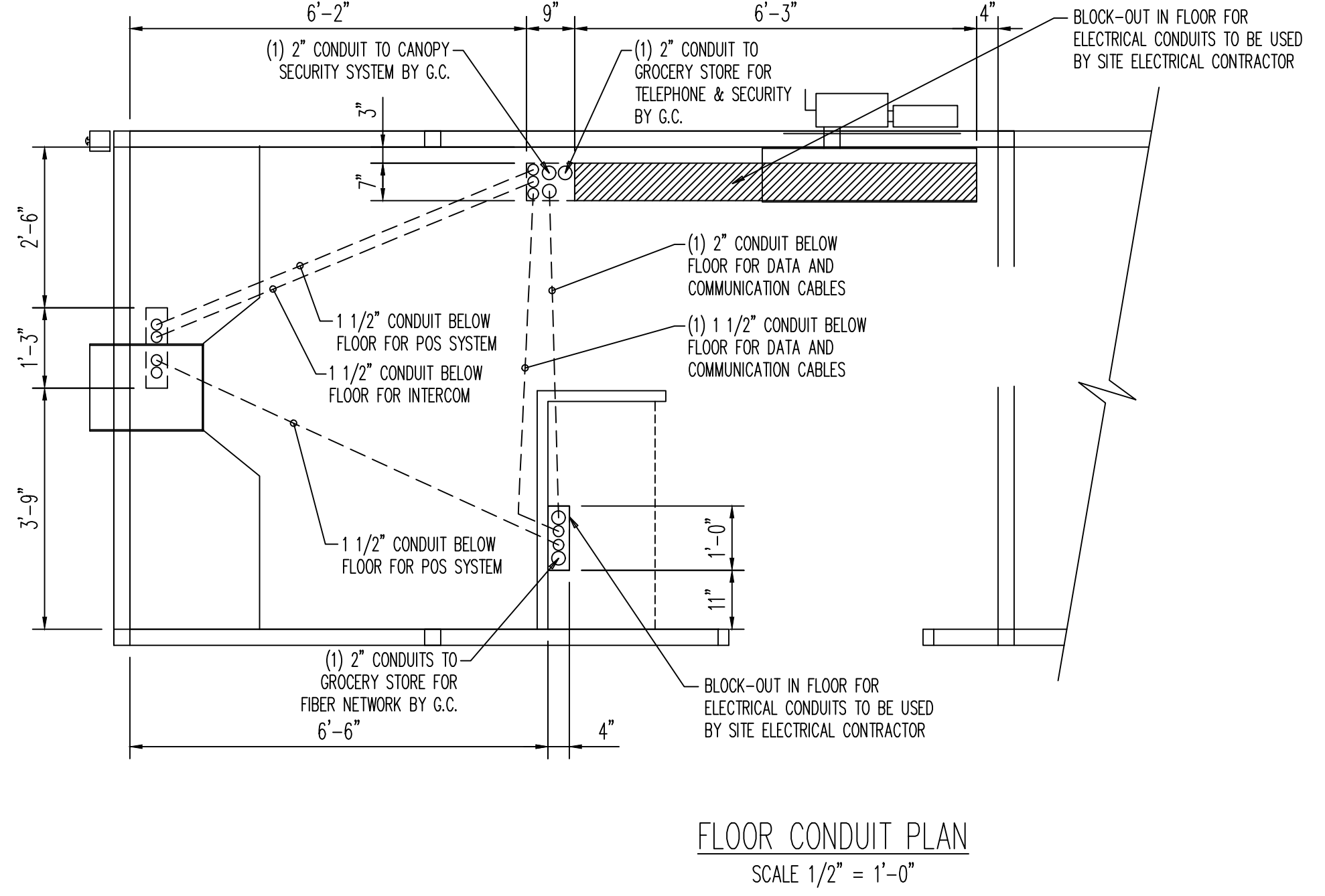
ELECTRICAL EQUIPMENT SCHEDULE			LEGEND	
MARK	QTY	DESCRIPTION		
A	ONE	R/T HVAC UNIT W/ NO.BAYHTRN108 SUPPLEMENTAL HEATER, 208-230V / 1P / 60HZ MCA: 47 MOP: 50 A (SEE M-1 FOR MODEL DETAILS)	⊕	DUPLEX RECEPTACLE
B	ONE	PROGRAMMABLE DIGITAL THERMOSTAT TCONT800AS11AA 7 DAY PROGRAMABLE	⊕⊕	QUAD-PLEX RECEPTACLE
C	3	DAY-BRITE/CFI 2' X 4' SELECTABLE LED BACKLIT PANEL 2SBP3550L8CS-4-UNV-DIM	⊕	SIMPLEX RECEPTACLE
D	2	ROYAL PACIFIC LTD #REL20-WH 2 WATT SURFACE MOUNT W/ BATTERY BACKUP	⊕⊕	DUPLEX RECEPTACLE WITH ISOLATED GROUND
E	ONE	BROAN NO.A110 EXHAUST FAN WITH 4" DUCT (110 CFM) AND FACTORY DAMPER	⊕⊕	SIMPLEX RECEPTACLE WITH ISOLATED GROUND
F	ONE	TANKLESS WATER HEATER (208V, 20A, 3.0 KW)	⊕	JUNCTION BOX
G	ONE	TANKLESS WATER HEATER (208V, 40A, 8.3 KW)	⊕	HORSE POWER RATED FUSED DISCONNECT

SEE SHEET SP-1 FOR ELECTRICAL NOTES

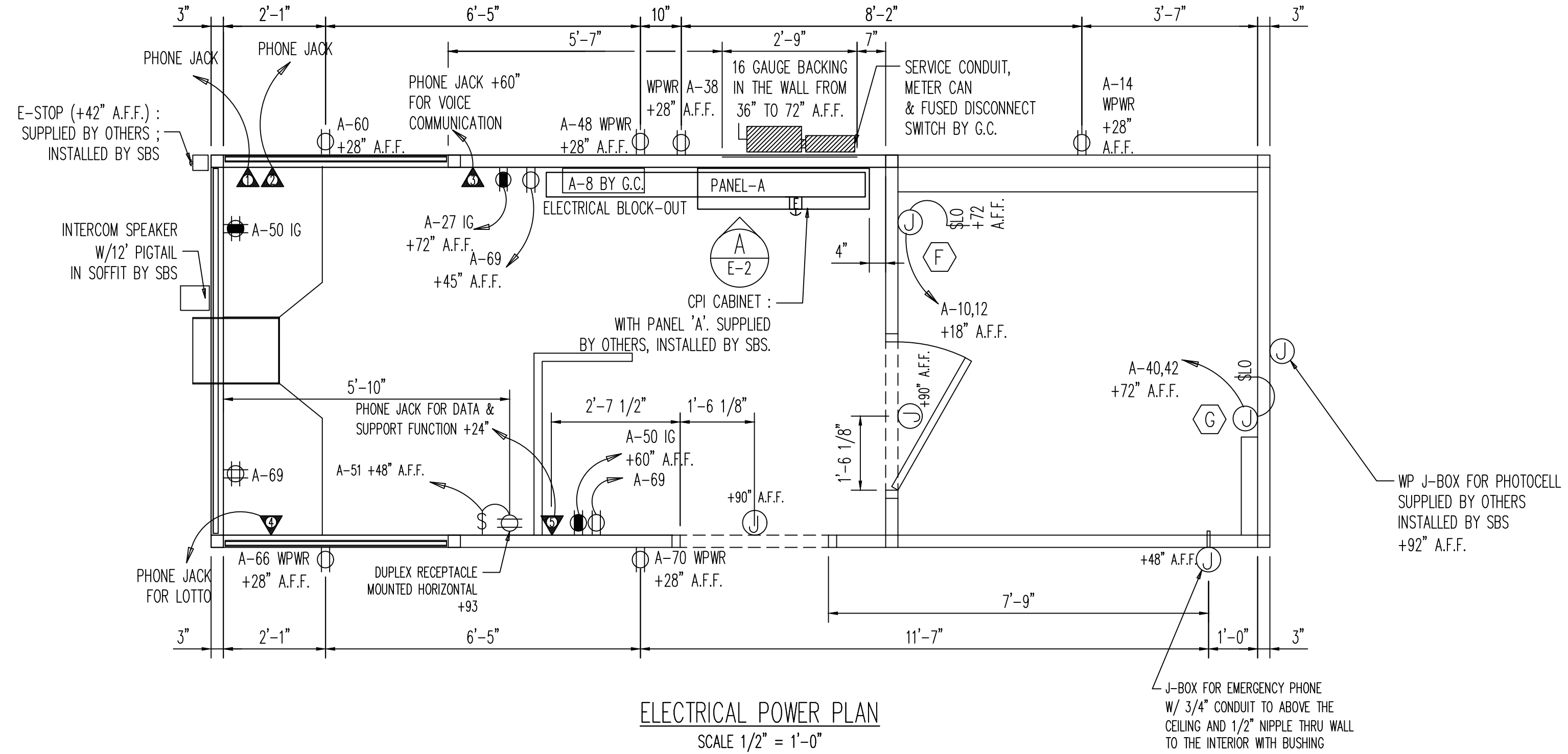
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STATE OF OHIO  
JOHN A. WELLER  
68426  
REGISTERED PROFESSIONAL ENGINEER  
4/11/22

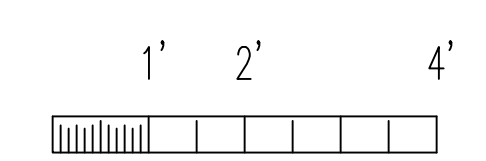
REV	DESCRIPTION	DATE



FLOOR CONDUIT PLAN  
SCALE 1/2" = 1'-0"



ELECTRICAL POWER PLAN  
SCALE 1/2" = 1'-0"



VENTAIRE, LLC  
Sagebrush BUILDING SYSTEMS  
VFS

KROGER COMPANY  
8'-0" X 21'-7" MODULAR KIOSK  
ELECTRICAL PLANS

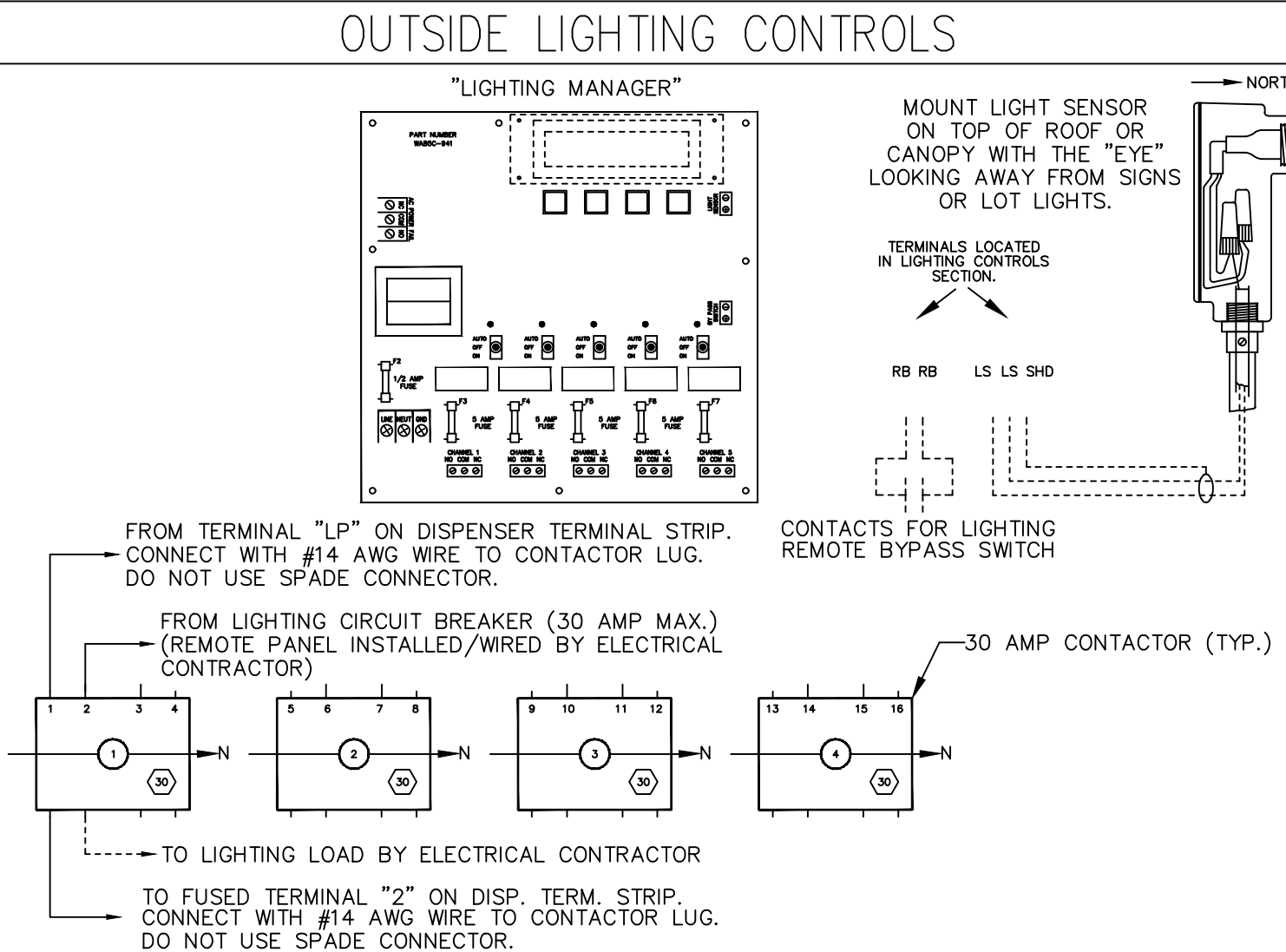
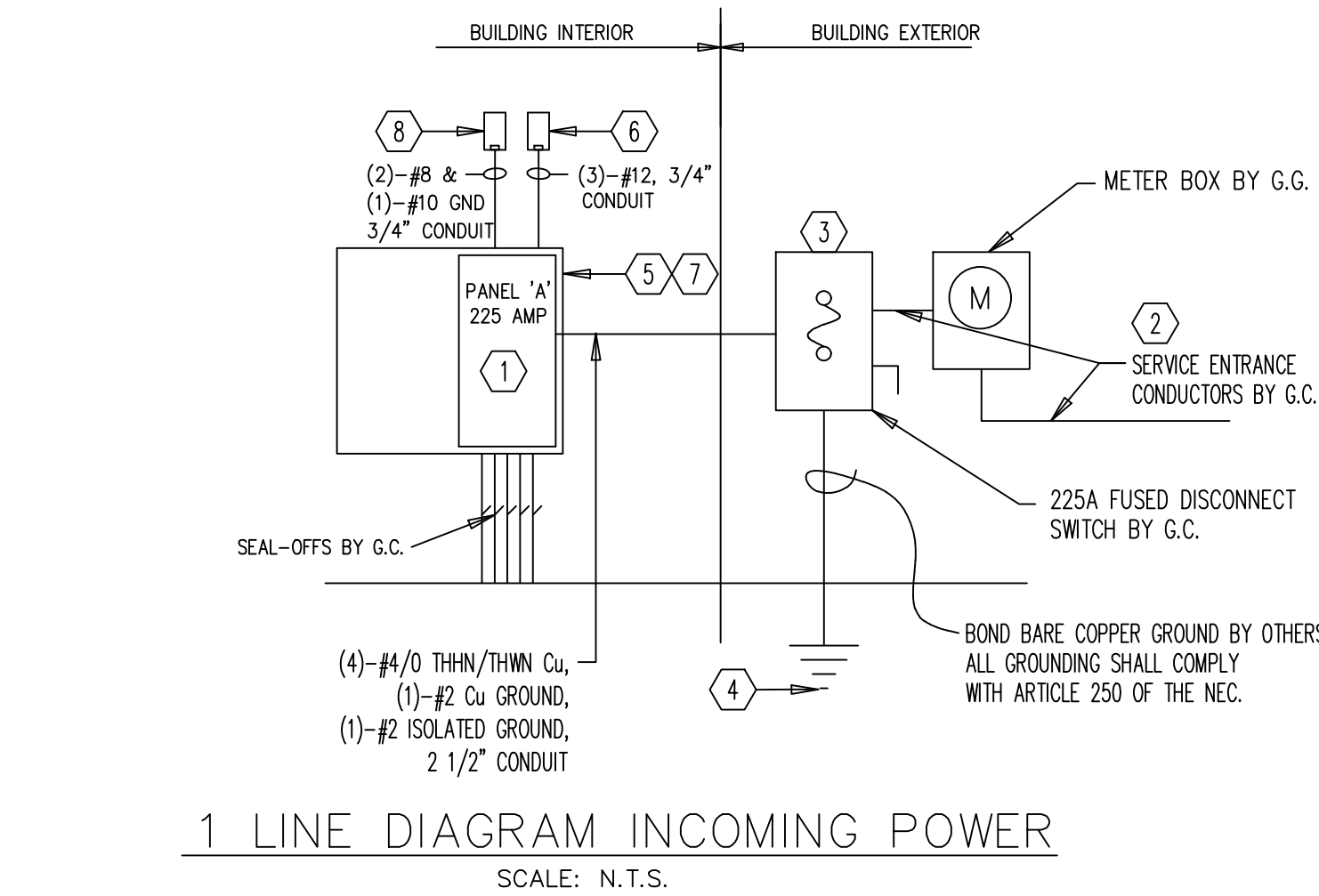
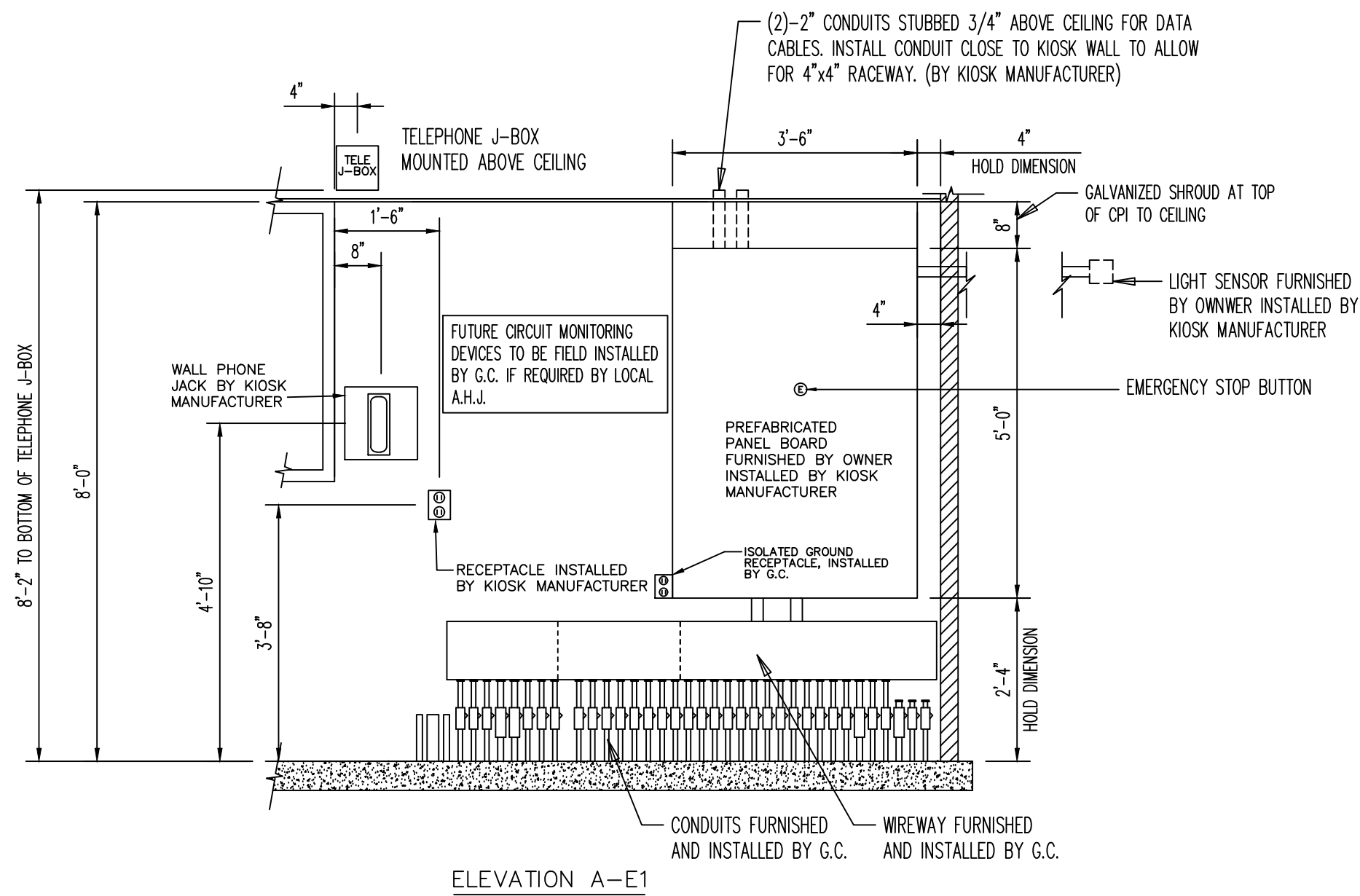
PROJECT ADDRESS  
KROGER A-765- 601 WOODMAN DR. - RIVERSIDE, OH 45404

909 N. WHEELING AVE. TULSA, OK 74110  
1631 E. FRONT ST. LOGAN OH. 43138

QUOTE NO.:	22-0169
JOB NO.:	60441
DRAWN BY:	JH
DATE:	03/16/22
SCALE:	1/2"=1'-0"
SYSTEM I.D. NO.:	KC 8 X 21
SHEET	1 OF 2
DWG. NO.	E-1



"A" SQUARE D TYPE NQOD, 225 A MLO, 120/208V, THREE PHASE, NEMA 1, ISOLATED GROUND AND EQUIPMENT BUSSES, 10,000 AIC FULLY RATED. VERIFY AVAILABLE FAULT CURRENT WITH LOCAL UTILITY.													
Circuit	Description	Wire	VAXDF	VA	CB	Phase	CB	VA	VAXDF	Wire	Description	Circuit	
1	UNLEADED SUBMERSIBLE PUMP #1 (4HP MAX)	#10	2402	2402	30	A		0	0	#12		2	
3			2402	2402		B	30	0	0		SURGE SUPPRESSOR	4	
5			2402	2402			C	0	0			6	
7			0	0		A	20	150	150	#12	FUEL SYSTEM MONITOR	8	
9	SPARE	-	0	0	30	B		1500	1500	#12	INSTANTANEOUS WATER HEATER-RESTROOM #1	10	
11			0	0			C	1500	1500			12	
13	PREMIUM SUBMERSIBLE PUMP (4HP MAX)	#10	2402	2402	30	A	20	800	800	#12	ICE MERCHANDISER & ROOF RECEPT. (GFI)	14	
15			2402	2402		B	20	0	0	-	SPARE	16	
17			2402	2402			C	20	639	799		18	
19	DIESEL SUBMERSIBLE PUMP *	#12	1092	1092	20	A		639	799	#12	SITE LIGHTS * (CHANNEL 2)	20	
21			1092	1092		B		1350	1688		22		
23				0		0		C	20	1350	1688	#12	CANOPY LIGHTS * (CHANNEL 2)
25	SPARE	-	0	0	20	A		125	156	#12	CANOPY & KIOSK SECURITY LIGHTS * (CHANNEL 3)	26	
27	SECURITY SYSTEM (IG)	#12	240	240	20	B	20	125	156			28	
29	SWITCHED NEUTRAL SPACE (SWN)	-	0	0	SWN		C	20	50	50	#12	OVERFILL ALARM	30
31	DISPENSER 1 - 2 (L,SWN)	#12	960	960	20	A		240	240	#12	PLLD/FUELING CONTROL MODULE	32	
33	VENDING RECEPTACLE (GFI)	#12	1100	1100	20	B		20	560	700	#12	PYLON SIGNS*	34
35	SWITCHED NEUTRAL SPACE (SWN)	-	0	0	SWN		C	20	560	700	#12	PYLON SIGNS* (CHANNEL 1)	36
37	DISPENSER 3-4 (L,SWN)	#12	960	960	20	A		20	1100	1100	#12	VENDING RECEPTACLE (GFI)	38
39	SPARE	-	0	0	20	B			4160	4160	#8	INSTANTANEOUS WATER HEATER-MOP SINK	40
41	SWITCHED NEUTRAL SPACE (SWN)	-	0	0	SWN		C	40	4160	4160			42
43	DISPENSER 5-6 (L,SWN)	#12	960	960	20	A		20	720	900		#12	CANOPY SIGNS *
45	SPARE	-	0	0	20	B		20	780	975	#12	CANOPY SIGNS * (CHANNEL 1)	46
47	SWITCHED NEUTRAL SPACE (SWN)	-	0	0	SWN		C	20	1100	1100	#12	VENDING RECEPTACLE (GFI)	48
49	DISPENSER 7-8 (L,SWN)	#12	960	960	20	A		20	1000	1000	#12	POS (IG)	50
51	KIOSK LIGHTS & EXHAUST FAN(S)	#12	438	350	20	B		20	360	360	#12	REMOTE CONTROL SIGN BOX *	52
53	SWITCHED NEUTRAL SPACE (SWN)	-	0	0	SWN		C	20	720	720	#12	OFFSITE KIOSK/GEN. RECEPTACLES *	54
55	DISPENSER 9-10* (L,SWN)	#12	960	960	20	A		20	500	500	#12	OFFSITE KIOSK/POS * (IG)	56
57	SPARE	-	0	0	20	B		20	0	0	-	SPARE	58
59	SWITCHED NEUTRAL SPACE (SWN)	-	0	0	SWN		C	20	1100	1100	#12	VENDING RECEPTACLE (GFI)	60
61	DISPENSER 11-12* (L,SWN)	#12	960	960	20	A		20	500	500	#12	OFFSITE KIOSK/POS * (IG)	62
63	SPARE	-	0	0	20	B		15	200	200	#12	CPI FUELING CONTROL POWER	64
65	SWITCHED NEUTRAL SPACE (SWN)	-	0	0	SWN		C	20	1100	1100	#12	VENDING RECEPTACLE (GFI)	66
67	DISPENSER 13-14* (L,SWN)	#12	960	960	20	A		20	0	0	-	SPARE	68
69	KIOSK RECEPTACLES	#12	1032	1032	20	B		20	1100	1100	#12	VENDING RECEPTACLE (GFI)	70
71	SWITCHED NEUTRAL SPACE (SWN)	-	0	0	SWN		C	20	0	0	-	SPARE	72
73	DISPNSR 15-16* (L,SWN)	#12	960	960	20	A		20	0	0	-	SPARE	74
75	SPARE	-	0	0	20	B		SWN	0	0	-		76
77	SWITCHED NEUTRAL SPACE (SWN)	-	0	0	SWN		C	15	200	200	#12	CPI LIGHTING CONTROL POWER	78
79	DISPNSR 17-18* (L,SWN)	#12	960	960	20	A		20	0	0	-		80
81			4888	4888		B		SWN	0	0	-	SPARE	82
83	HVAC UNIT (H.A.R.C.)	#8	4888	4888	50		C	20	1518	1518	#12	AIR COMPRESSOR / PAY PHONE (GFI)*	84
CONNECTED LOAD TOTALS			A Ø = 20310	B Ø = 23641	C Ø = 23689	Ø = 197	AMPS @ 208 VOLTS, THREE PHASE						
DEMAND LOAD TOTALS			A Ø = 20681	B Ø = 24432	C Ø = 24326	Ø = 204	AMPS @ 208 VOLTS, THREE PHASE						

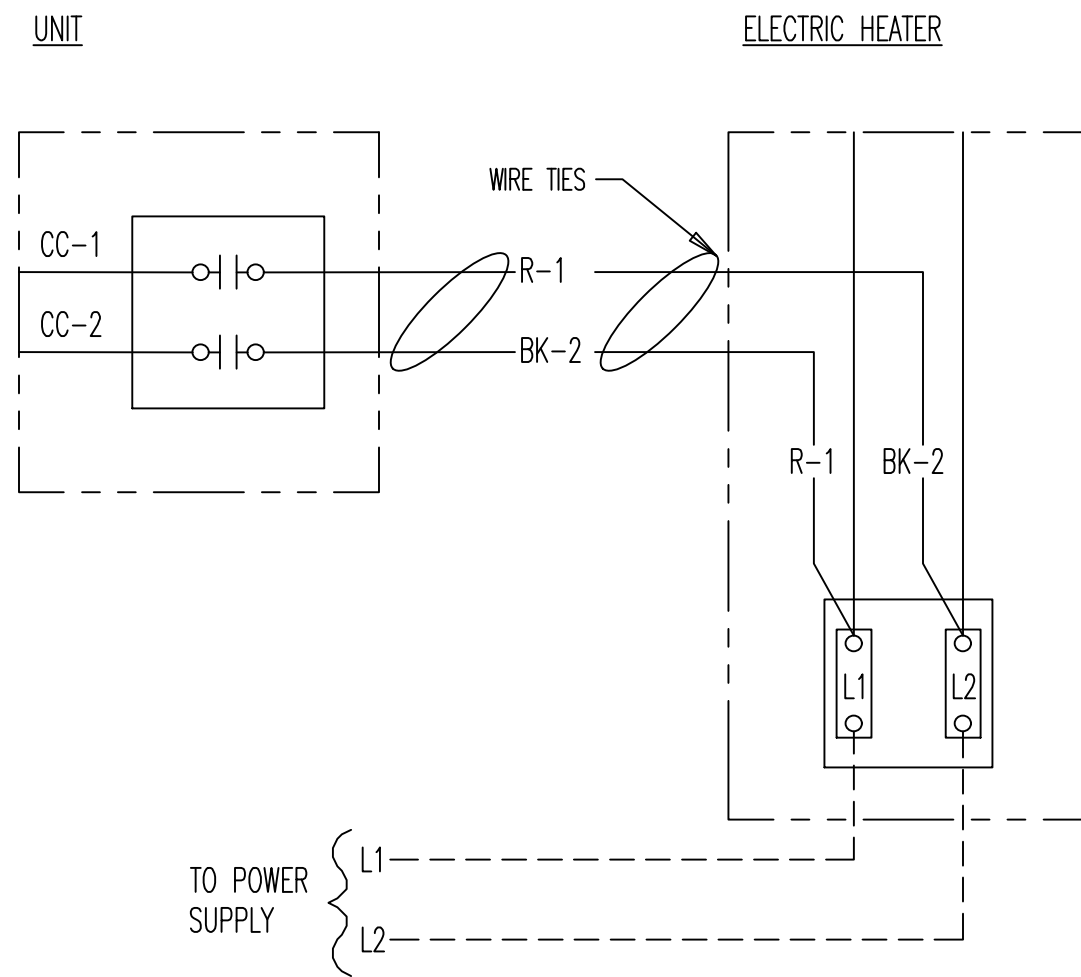


- SEE SHEET M-1 FOR T-STAT WIRING

WIRING INFORMATION		COMPONENT CODE	
FACTORY WIRING	_____	HTB	HEATER TERMINAL BOARD
FIELD WIRING	-----	CC	COMPRESSOR CONTACTOR

**NOTE:**  
USE COPPER CONDUCTORS ONLY.  
CHECK UNIT AND HEATER NAMEPLATE  
VOLTAGE FOR COMPATIBILITY.

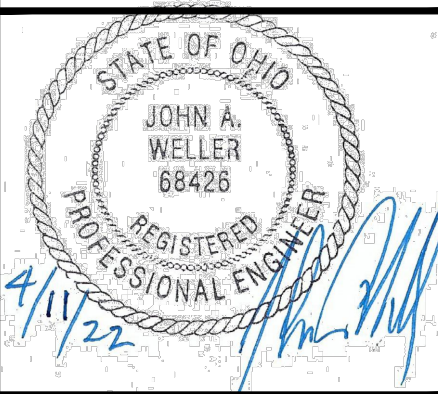
WIRE COLOR CODE	
BL	BLUE
BK	BLACK
OR	ORANGE
Y	YELLOW
R	RED
BR	BROWN



- 1) CPI PANELBOARDS. ALL ELECTRICAL EQUIPMENT SHALL BE FULLY RATED TO WITHSTAND AVAILABLE FAULT CURRENT. VERIFY AVAILABLE FAULT CURRENT WITH LOCAL UTILITY COMPANY.
- 2) ELECTRIC UTILITY METER, AS REQUIRED BY LOCAL UTILITY COMPANY.
- 3) CPI GENERAL DUTY NEMA 3R, SAFETY SWITCHES WITH NEUTRAL KIT, UL LISTED FOR SERVICE ENTRANCE, WITH CLASS T FUSES
- 4) SERVICE GROUND SYSTEM CONSISTING OF METAL WATER PIPING (IF AVAILABLE AT KIOSK), BUILDING STEEL, A CONCRETE-ENCASED ELECTRODE, GROUND RING AND DRIVEN ELECTRODE. CONTRACTOR SHALL FURNISH AND INSTALL PER NEC 250-50. INSTALL A #2 BARE COPPER WIRE FROM THE GROUND SYSTEM TO THE DISCONNECT GROUND BUSS IN A 3/4" CONDUIT. THE CONNECTION AT GROUND SYSTEM SHALL BE ACCESSIBLE. THERE SHALL ALSO BE A BONDING CONNECTION FOR SERVICE GROUND BUSS TO THE METAL PIPING SYSTEMS IN THE BUILDING. ISOLATED GROUND MUST NOT CONTACT COMMON GROUND SYSTEM BEFORE CONNECTION AT SERVICE GROUND SYSTEM.
- 5) U.L. LABELED ELECTRICAL CABINET ASSEMBLY, SUPPLIED BY OWNER AND INSTALLED BY KIOSK FABRICATOR PER MANUFACTURER'S SPECIFICATIONS
- 6) LIGHT SENSOR UNDER ROOF OVERHANG. CONNECT TO PANEL BOARD ASSEMBLY PER MANUFACTURER'S SPECIFICATIONS. LOCATE SENSOR TO ELIMINATE ARTIFICIAL LIGHT SOURCE CONTAMINATION
- 7) CONTRACTOR SHALL ENSURE THIS UTILITY TRANSFORMER IS RATED AT 208V, THREE PHASE. ANY DISCREPANCY SHALL BE REPORTED TO ENGINEER PRIOR TO ANY INSTALLATION WORK
- 8) NEMA 3R FUSED DISCONNECT SWITCH FOR ROOFTOP HVAC BY KIOSK SUPPLIER
- 9) MINIMUM CONDUCTOR SIZE TO BE (4)-#4/0, (1)-#2 GROUND AND (1)-#2 ISOLATED GROUND.

PANEL NOTES	GENERAL NOTES FOR LIGHTING CONTROLS
<p>1. DISPENSER ELECTRONICS, DISPENSER INTERFACE, REGISTER INTERFACE, VEEDEE ROOT AND CASH REGISTER/PUMP CONTROLLER MUST BE ON SAME PHASE.</p> <p>2. CIRCUITS FOR "POS REGISTER" AND "SITE CONTROLLER" SHALL INCLUDE AN ISOLATED GROUND WIRE.</p> <p>3. INSTALL EMERGENCY STOP SWITCH AT EXTERIOR OF KIOSK AS SHOWN. SWITCH FURNISHED WITH PANEL BOARD ASSEMBLY.</p> <p>4. INSTALL ITEMS WITH ASTERISK(*) AS REQUIRED, VERIFY WITH SITE PLAN. CONTRACTOR TO CORRECT IDENTIFICATION LABELS ON PANEL SCHEDULE TO "SPARE" TO REFLECT CIRCUIT BREAKERS NOT USED PER SITE CONDITIONS. CONTRACTOR SHALL NOT RELOCATE ANY CIRCUIT BREAKERS WITHOUT KROGER APPROVAL.</p> <p>5. THE CFI ELECTRICAL SYSTEM PROVIDES THE ABILITY TO DISCONNECT THE DISPENSER NEUTRAL AND THE DISPENSER POWER SIMULTANEOUSLY AT THE DISPENSER MANAGER BOARD, INSTEAD OF AT THE CIRCUIT BREAKER.</p> <p>6. WIRE SIZES SHOWN ARE MINIMUM. G.C. TO VERIFY REQUIREMENTS AND INSTALL WIRES PER N.E.C. VOLTAGE DROP REQUIREMENTS.</p>	<p>1 - OVERCURRENT PROTECTION FOR EACH LIGHTING CIRCUIT TO BE CONTROLLED BY THE "LIGHTING MANAGER" IS PROVIDED BY OTHERS. THIS OVERCURRENT PROTECTION SHALL BE LIMITED TO 30 AMPS MAXIMUM FOR EACH CIRCUIT UNLESS OTHERWISE SPECIFIED.</p> <p>2 - CONTROL FUSE "L1" FOR LIGHTING CONTROL POWER MUST BE "5 AMPS". REPLACE WITH THE SAME TYPE RATING AND FUSE.</p> <p>3 - ALL CONTACTORS CONTROLLED BY THE "LIGHTING MANAGER" SHOULD BE WIRED INDEPENDENTLY FROM EACH CONTACTOR TO THE OUTPUT TERMINAL BLOCK INTERFACE.</p> <p>4 - THE WIRES FROM ALL CONTACTORS MUST BE NUMBERED AT THE OUTPUT TERMINAL BLOCK INTERFACE.</p> <p>5 - THERE SHOULD ONLY BE A TOTAL OF (4) WIRES LOCATED UNDER ANY ONE TERMINAL BLOCK ON THE INTERFACE TERMINAL STRIP. FAILURE TO COMPLY TO THIS WARNING MAY CAUSE EXCESSIVE HEATING AND IMPROPER OPERATION OF THIS LIGHTING CONTROL SYSTEM.</p>
	<h3>LIGHTING CONTROL KEY NOTES</h3> <p>1. CONTACTORS ARE 4 POLE (L1,L2,L3,L4) 30 AMP MAX. PER POLE.</p> <p>2. OPEN SPACES ON L1-L4 ARE "SPARE".</p> <p>3. CIRCUIT FOR THESE CHANNELS ARE PREWIRED AND PROGRAMMABLE TO BE DE-ENERGIZED BY TIME OF DAY SCHEDULE.</p> <p>4. LIGHTING MANAGER LAYOUT IS DESIGNED FOR MAXIMUM FLEXIBILITY. THE LIGHTING MANAGER IS PREWIRED FOR THE SPARES BEING USED FOR SIGNAGE, HOWEVER, THE SPARES CAN EASILY BE CHANGED TO ANY OTHER OF THE REMAINING FOUR FUNCTIONS, IF REQUIRED, FOR SITE SPECIFIC APPLICATIONS.</p> <p>5. REFER TO PANEL SCHEDULE FOR CIRCUITS USED.</p>

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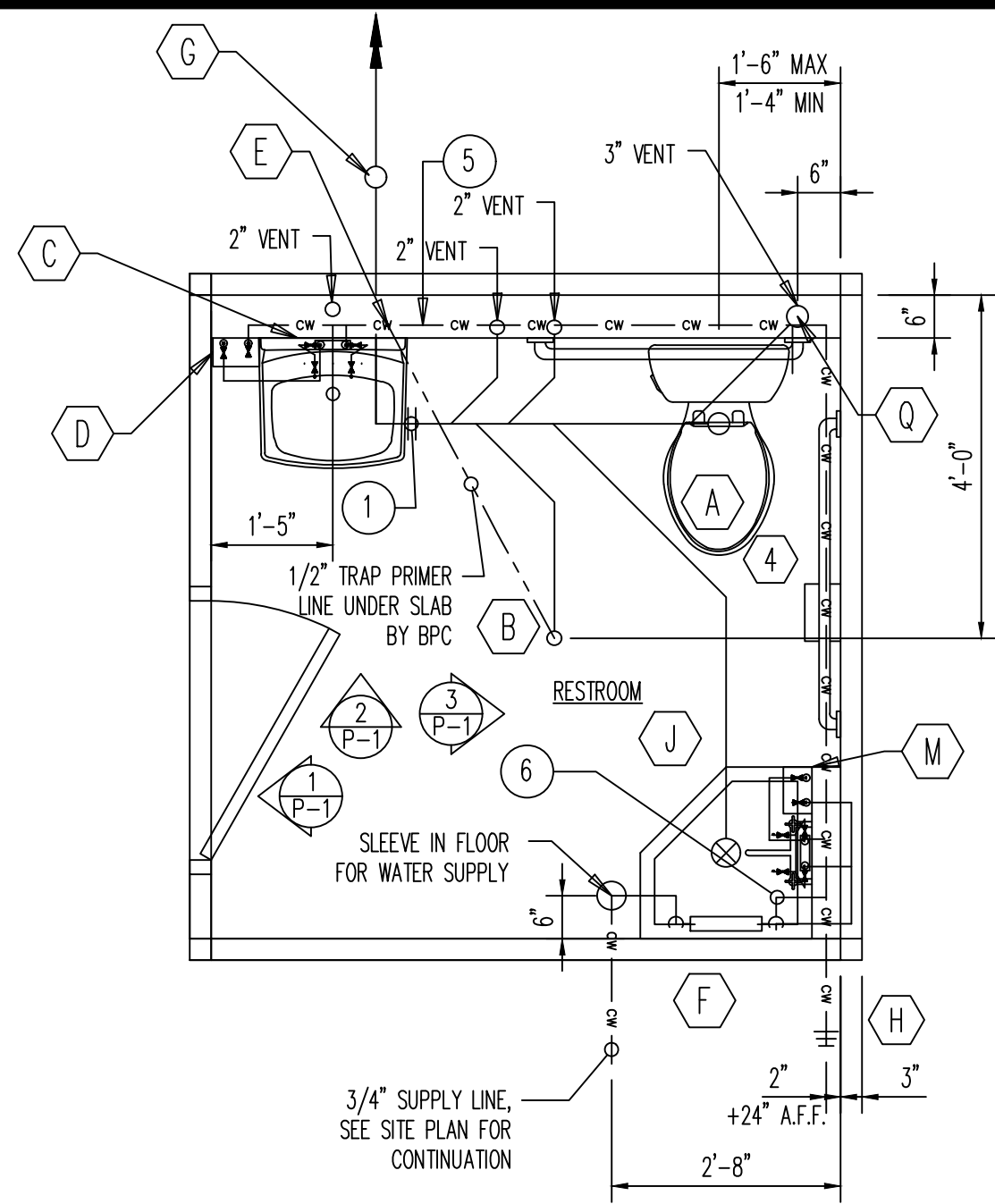
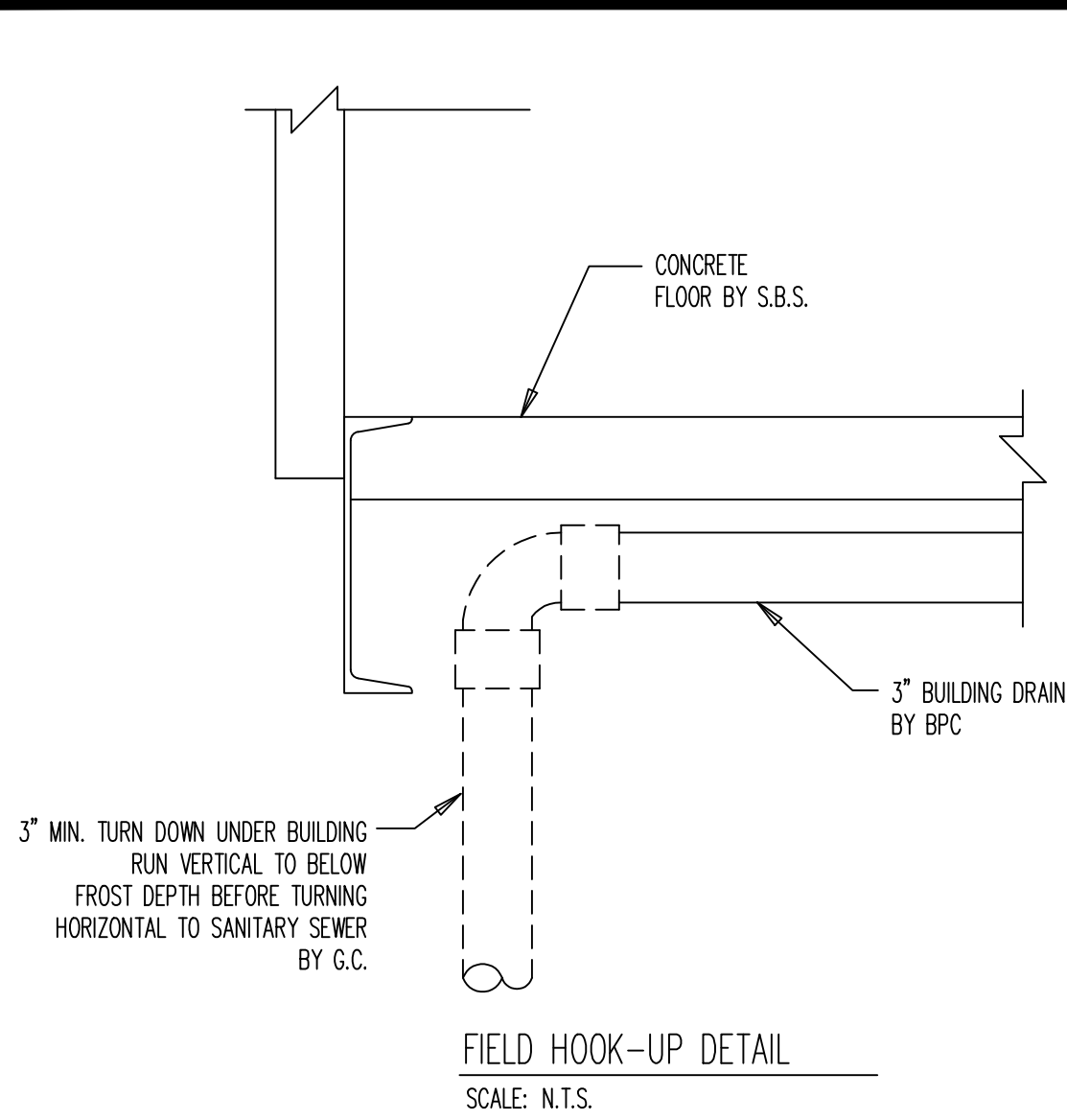
***Ventaire, LLC***  
909 N. WHEELING AVE. TULSA, OK 74110  
***Sagebrush***  
BUILDING SYSTEMS  
1631 E. FRONT ST. LOGAN OH. 43138  
***VFS***

**KROGER COMPANY**  
**8'-0" X 21'-7" MODULAR KIOSK**  
**ELECTRICAL SCHEDULE & DETAILS**

PROJECT ADDRESS  
KROGER A-765- 601 WOODMAN DR. - RIVERSIDE, OH 45404

QUOTE NO.:	22-0169
JOB NO.:	60441
DRAWN BY:	JH
DATE:	03/16/22
SCALE:	1/2"=1'-0"
SYSTEM I.D. NO.:	KC 8 X 21
SHEET	2 OF 2
DWG. NO.	E-2

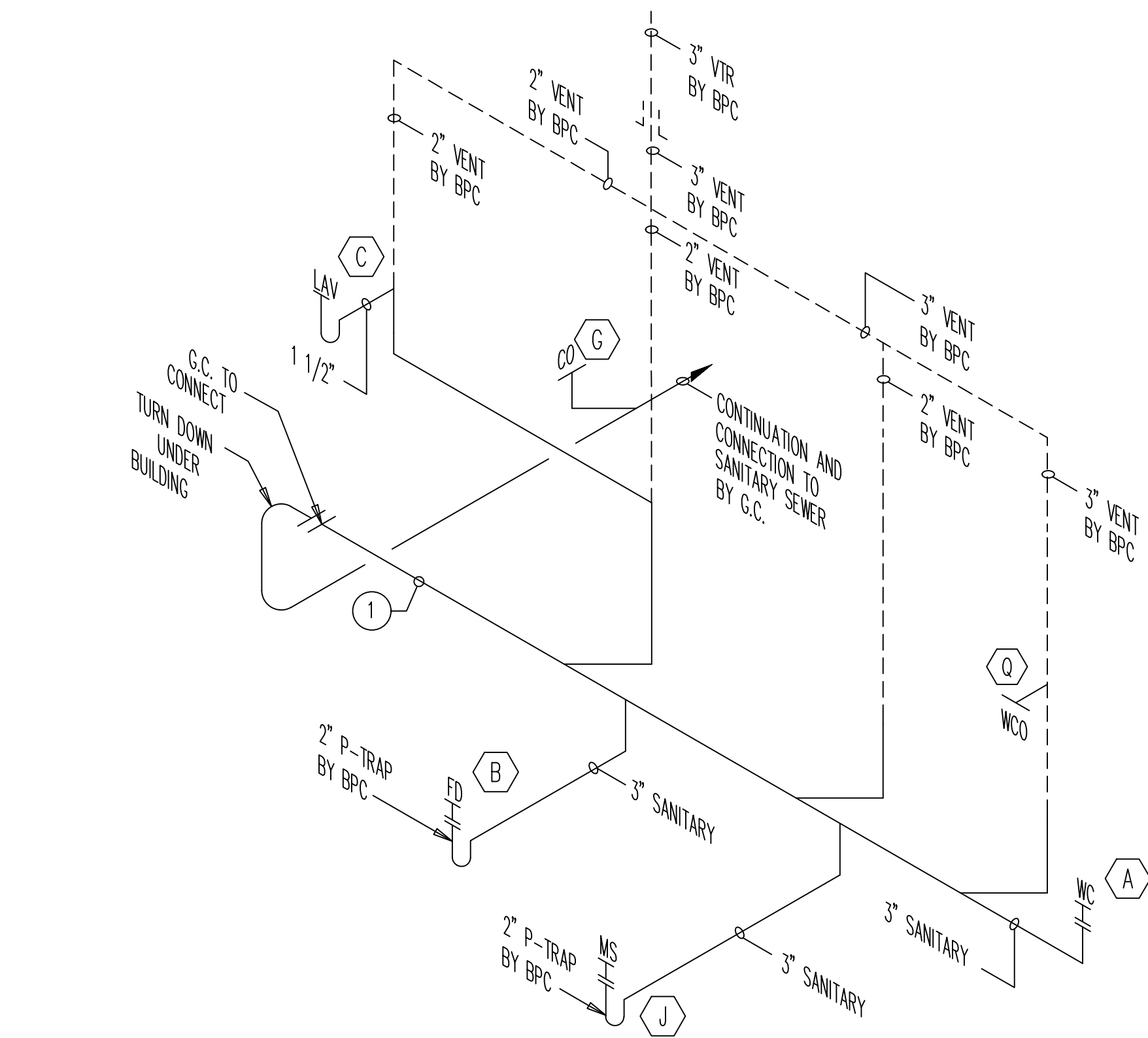




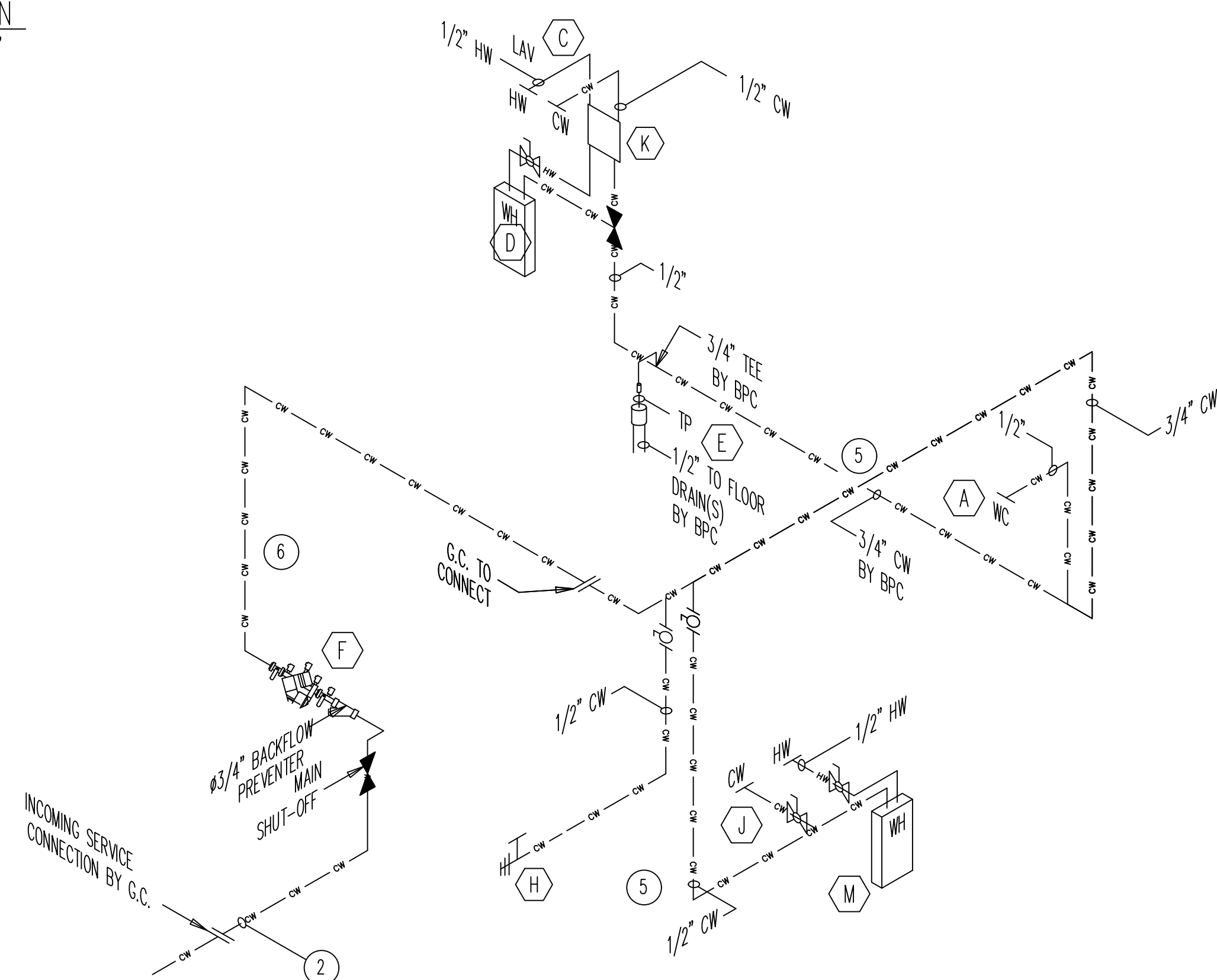
KROGER DFU & WSFU

1RR - PRIVATE ACCESS

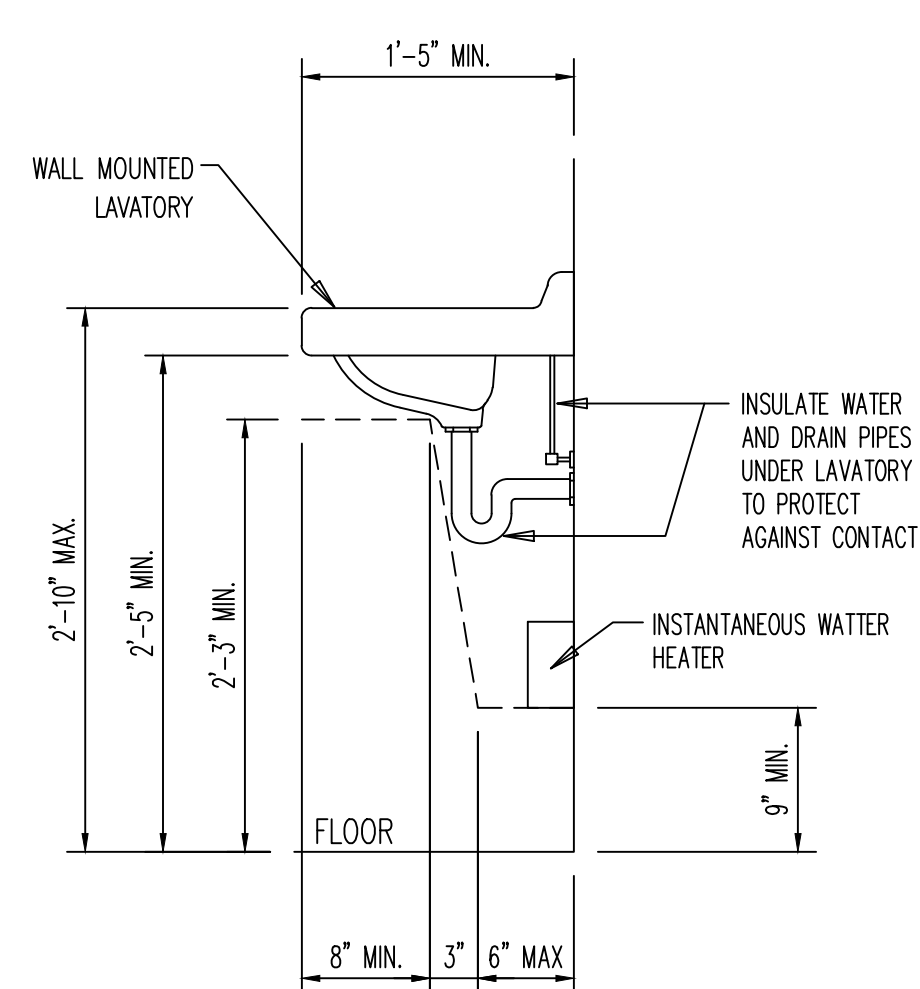
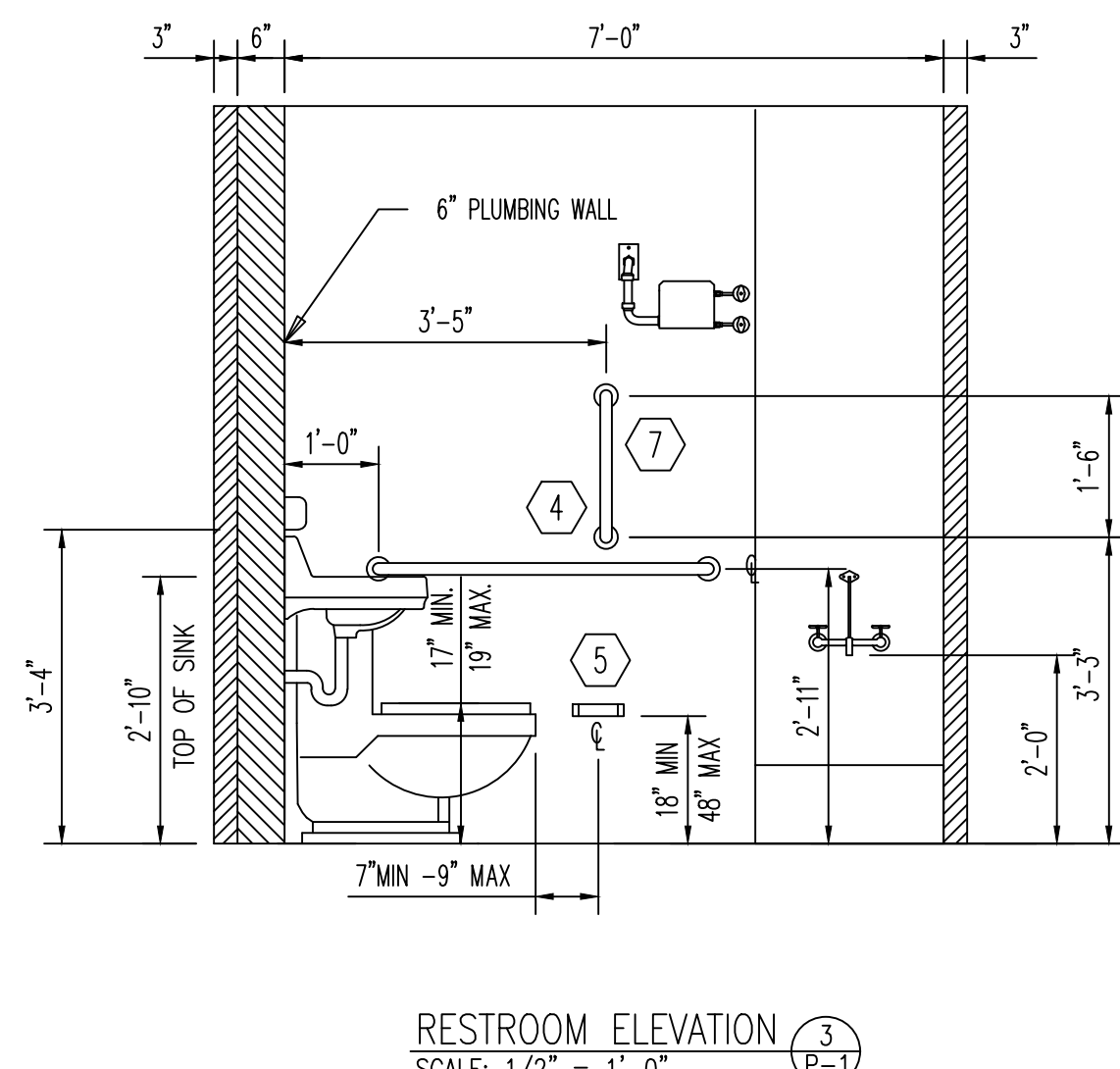
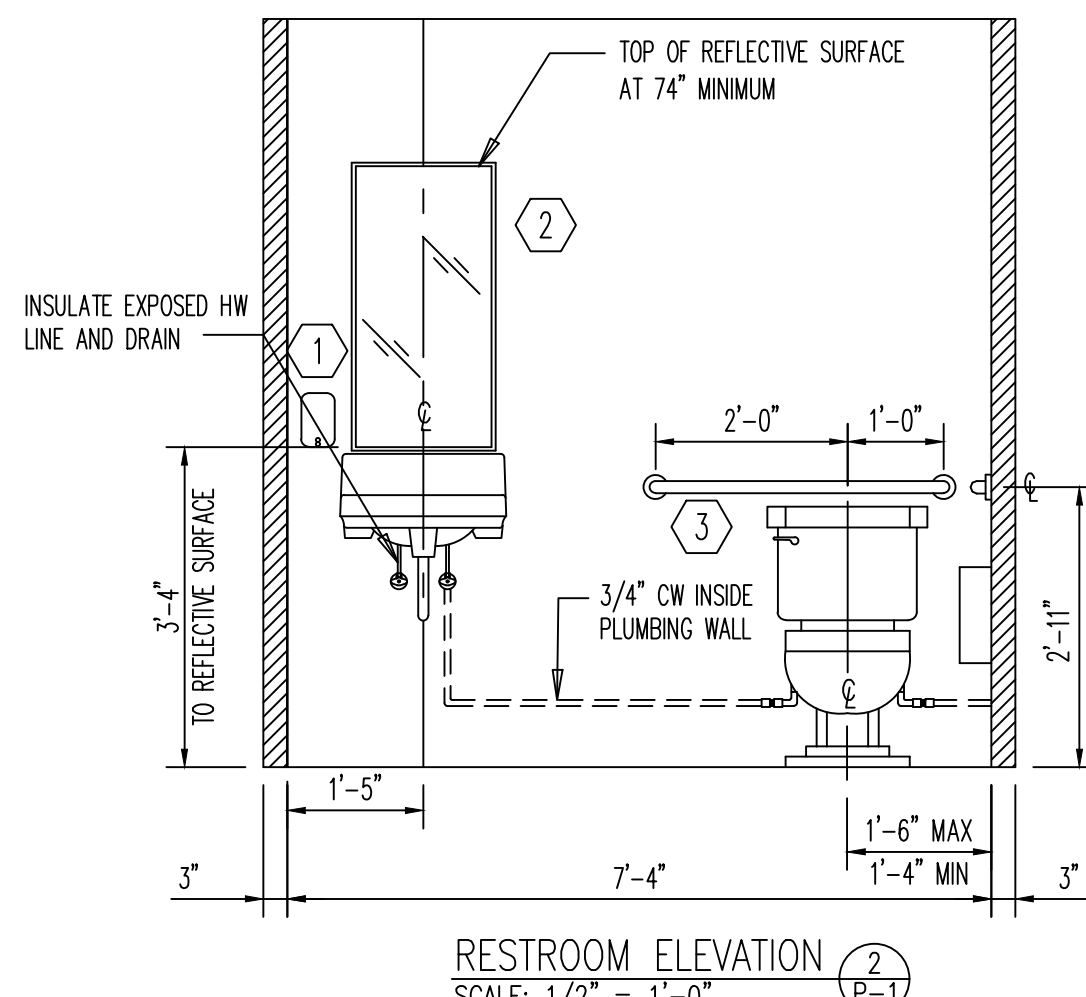
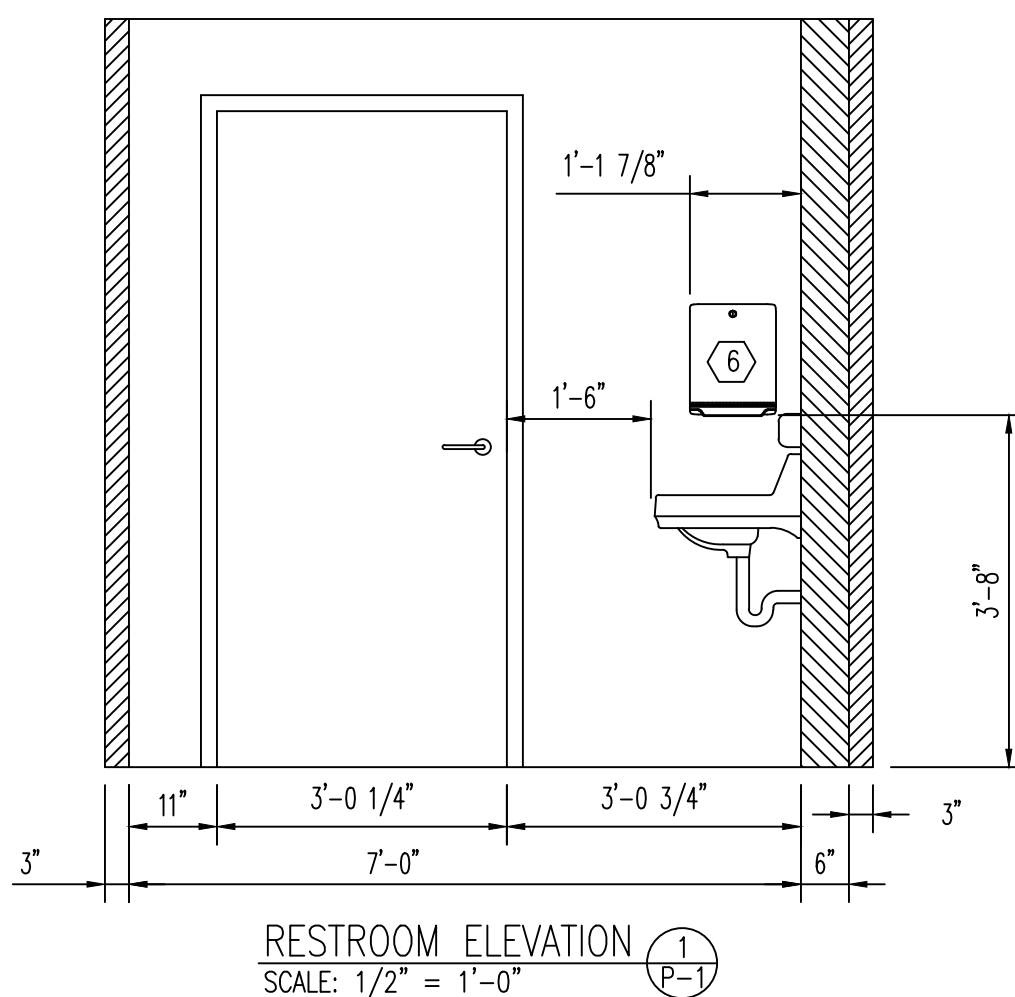
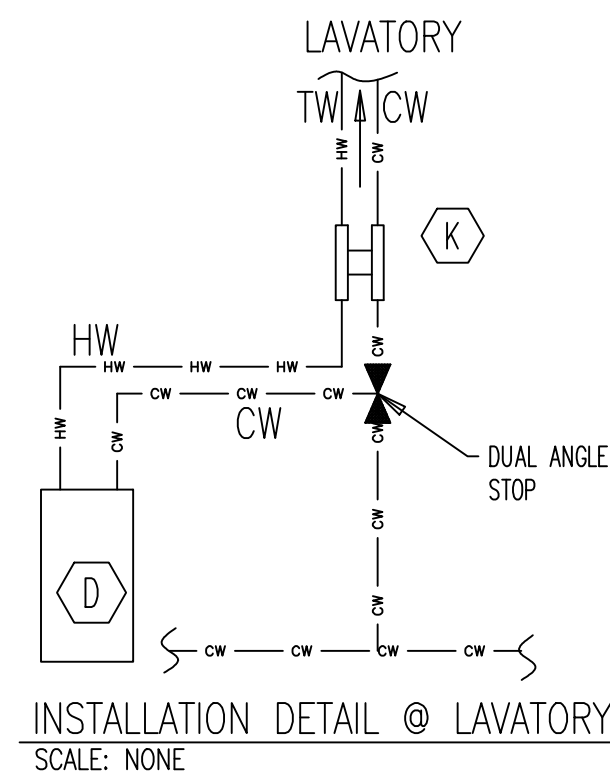
BUILDING DRAINAGE AND WATER SUPPLY FIXTURE UNIT TABLE							
TAG	DESCRIPTION	QTY.	DFU	TOTAL DFU	COLD WSFU	HOT WSFU	TOTAL WSFU
A	WATER CLOSET - 1.6 GPF TANK (PRIVATE)	1	3	3	2.2	0	2.2
C	RESTROOM LAVATORY 2.0 GPM (PRIVATE)	1	1	1	0.5	0.5	0.7
B	FLOOR DRAIN	1	4	4	0	0	0
J	SERVICE SINK 1.0 GPM (OFFICE, ETC.)	1	2	2	2.25	2.25	3
H	HOSE BIBB	1	0	0	2.25	0	2.25
				10	7.2	2.75	8.15



PLUMBING SANITARY & VENT RISER DIAGRAM  
SCALE: N.T.S.



PLUMBING WATER SUPPLY RISER DIAGRAM  
SCALE: N.T.S.



PLUMBING FIXTURE SCHEDULE				INSTALLED BY	FURNISHED BY
ITEM	QTY	DESCRIPTION			
A	1	WATER CLOSET - KOHLER HIGHLINE K-4199-0 (WHITE) WITH OPEN FRONT SEAT 106 C (WHITE), KOHLER WELLWORTH 4468-RA-0 1.6Gpf. TANK AND POLISHED CHROME WATER SUPPLY / STOP.		BPC	BPC
B	1	FLOOR DRAIN - JAY R. SMITH MODEL NO.2005 (2" DRAIN SIZE) WITH 1/2" TRAP PRIMER CONNECTION.		BPC	BPC
C	1	LAVATORY - KOHLER MODEL NO.K-2030 GREENWICH 20 3/4" X 18 1/4", WHITE WALL MOUNT, GRID DRAIN, 8" CENTERS. FAUCET MODEL NO.K-7443-SE TRITON WRISTBLADE LEVER HANDLES.		BPC	BPC
D	1	WATER HEATER - EEMAX MODEL NO.SPEX3208 "SINGLE POINT" TANKLESS WATER HEATER (208V, 20A, 3.0 KW) TO COMPLY WITH .5 GPM HANDWASHING CODE TARGET OUTLET TEMPERATURE OF 105° - 110°		BPC	BPC
E	1	TRAP PRIMER - P.P.P. INC. MODEL NO.PR-500		BPC	BPC
F	1	BACKFLOW PREVENTER - 3/4" APPROVED BY LOCAL AUTHORITIES. INSTALL THE DEVICE NO LESS THAN 36" AND NO MORE THAN 48" ABOVE THE FINISHED FLOOR. THE DEVICE SHALL HAVE A MINIMUM OF 24" CLEAR SPACE IN FRONT OF DEVICE FROM FLOOR TO CEILING.		G.C.	G.C.
G	1	CLEAN OUT - JAY R. SMITH MODEL NO.4040 4" CLEAN OUT		G.C.	G.C.
H	1	1/2 BRASS FREEZE PROOF HOSEBIB WITH INTEGRAL VACUUM BREAKER		BPC	BPC
J	1	SERVICE SINK - STERN AND WILLIAMS SBC 1700 ANGLE MOP RECEPTOR (2" DRAIN SIZE) W/ DOME STRAINER (CHROME) AND MOP SINK FAUCET ZURN ZB43M1-FC1.0-RC WALL-MOUNT UTILITY FAUCET W/ VACUUM BREAKER METAL LEVER HANDLES AND 1/2" NPT FEMALE INLETS ON 8" CENTERS.		BPC	BPC
K	1	TEMPERING VALVE - WATTS MODEL 0204143 LFUSG-B UNDER SINK THERMOSTATIC MIXING VALVE SET TO 110°F (43°C) MAXIMUM TEMPERATURE (ASSE 1070 / CUPC)		BPC	BPC
M	1	WATER HEATER - CHRONOMITE SR-40-208V-40A-8.3KW - 1 GPM TANKLESS WATER HEATER FACTORY SET FOR 120° F. MAXIMUM OPERATING TEMPERATURE 160° F.		BPC	BPC
Q	1	CLEAN OUT - WALL CLEANOUT TEE WITH FLUSH PLUG		BPC	BPC

PLUMBING PLAN NOTES

MARK	NOTE
1	CONNECT 4" WASTE LINE BY G.C. TO CITY SEWER, SEE SITE PLAN FOR CONTINUATION.
2	3/4" CW LINE BY G.C. AS TIGHT AS POSSIBLE TO WALL AT 24" A.F.F. CONNECT TO BACKFLOW PREVENTER.
3	NOT USED
4	NOT USED
5	3/4" CW IN PLUMBING WALL BY BPC CONNECT TO WATER HEATER, LAVATORY AND STUB-OUT FOR WATER CLOSET (1/2" CW TO EACH).
6	3/4" CW LINE BY G.C. AS TIGHT AS POSSIBLE TO WALL, CONNECT TO WATER SUPPLY ABOVE CEILING.

MARK	RESTROOM ACCESSORY SCHEDULE	DESCRIPTION	INSTALLED BY	FURNISHED BY
1	SURFACE MOUNTED SOAP DISPENSER		OWNER	OWNER
2	BOBRICK B-165 18" X 36" MIRROR		B.P.C.	B.P.C.
3	BOBRICK B-6806 X 36" LONG 1 1/2" DIA. GRAB BAR		B.P.C.	B.P.C.
4	BOBRICK B-6806 X 42" LONG 1 1/2" DIA. GRAB BAR		B.P.C.	B.P.C.
5	TOILET PAPER DISPENSER		OWNER	OWNER
6	SURFACE MOUNTED PAPER TOWEL DISPENSER		OWNER	OWNER
7	BOBRICK B-6806 X 18" LONG 1 1/2" DIA. GRAB BAR		B.P.C.	B.P.C.

ABBREVIATION LEGEND

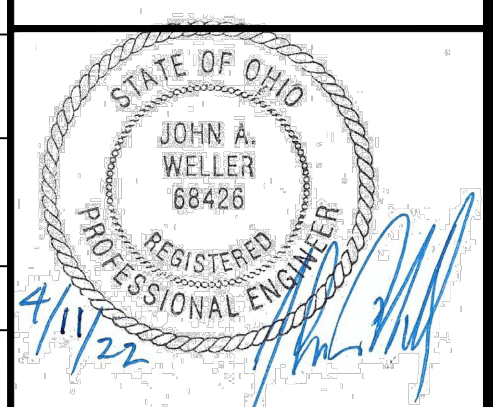
A.F.F. - ABOVE FINISHED FLOOR	N.T.S. - NOT TO SCALE
AHJ - AUTHORITY HAVING JURISDICTION	TP - TRAP PRIMER
BPC - BUILDING PLUMBING CONTRACTOR (SAGEBRUSH BUILDING SYSTEMS, L.L.C.)	TYP. - TYPICAL
CO - CLEAN OUT	VTR - VENT THRU ROOF
CW - COLD WATER	WH - WATER HEATER
FD - FLOOR DRAIN	
G.C. - GENERAL CONTRACTOR	
HW - HOT WATER	
LAV - LAVATORY	

SEE SHEET SP-1 FOR PLUMBING NOTES

SCHEMATIC LINE LEGEND

COLD WATER	— CW — CW — CW — CW — CW —
HOT WATER	— HW — HW — HW — HW — HW —
TRAP PRIMER LINE	— TYP — TYP — TYP — TYP — TYP —
VENT LINE	— VTR — VTR — VTR — VTR — VTR —
SANITARY LINE	— S — S — S — S — S —

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REVISIONS		DATE	BY	DESCRIPTION
REV				

**Ventaire, LLC**  
909 N. WHEELING AVE. TULSA, OK 74110  
1631 E. FRONT ST. LOGAN OH. 43138

**Sagebrush**  
BUILDING SYSTEMS

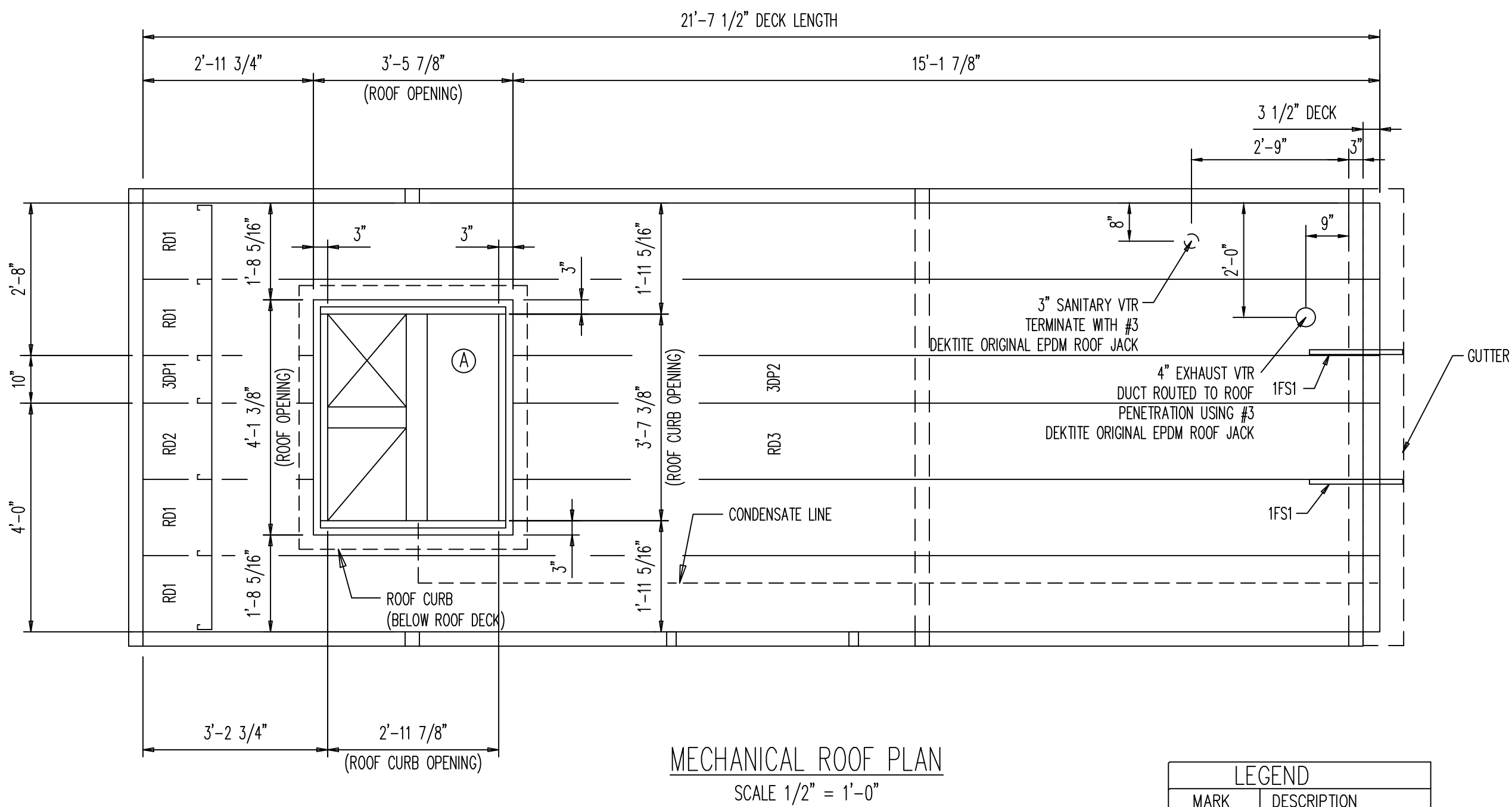
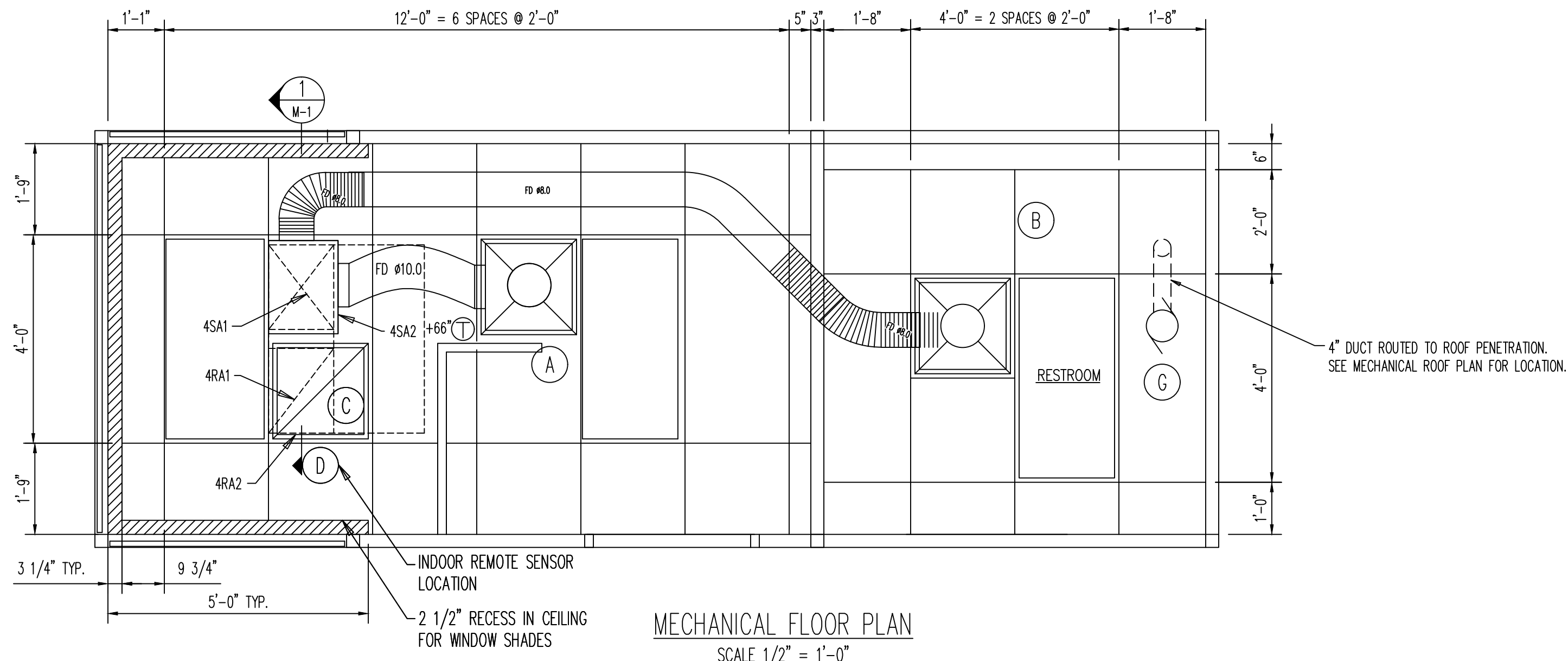
**VFS**

**KROGER COMPANY**  
8'-0" X 21'-7" MODULAR KIOSK  
PLUMBING PLANS

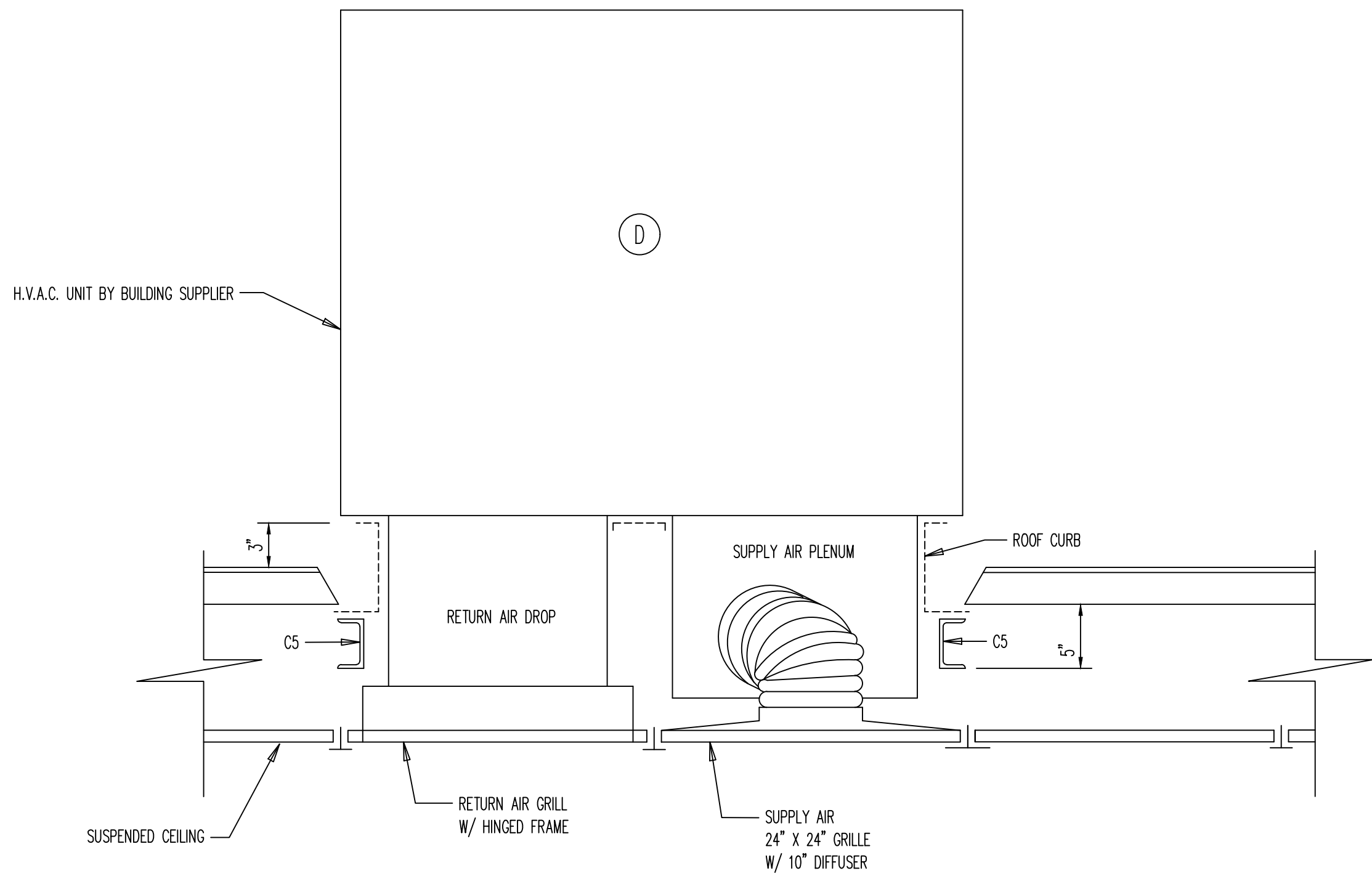
PROJECT ADDRESS  
KROGER A-765- 601 WOODMAN DR. - RIVERSIDE, OH 45404

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SYSTEM I.D. NO.:	KC 8 X 21
SHEET	1 OF 1
DWG. NO.	P-1





LEGEND	
MARK	DESCRIPTION
----	CONDENSATE DRAIN



SECTION  
SCL: N.T.S.

1  
M-1

#### TRANE THERMOSTAT PROGRAMING INSTRUCTIONS

##### SET UP: STEP ONE

1. TURN ON
2. SELECT MENU
3. HOLD INSTALLER CONFIG FOR 5 SECONDS
4. SCREEN WILL COME UP WITH A 1
5. USE DIRECTIONAL ARROWS TOP LEFT TO SELECT (SS)

##### SETUP: STEP 2

1. PUSH PLUS BUTTON / RED TRIANGLE ON RIGHT SIDE ONE TIME TO SELECT (02)
2. USE DIRECTIONAL ARROWS TO SELECT (ELE)

##### SET UP: STEP 3

1. PUSH PLUS BUTTON / RED TRIANGLE ON RIGHT SIDE TO SELECT (30)
2. USE DIRECTIONAL ARROWS TO SELECT (ON)

##### FINAL STEP:

1. PRESS RETURN TO SCHEDULE

ONCE THERMOSTAT IS SET UP TO TEST THE AC UNIT DO THE FOLLOWING

1. PRESS FAN BUTTON LOWER LEFT UNTIL IT SAYS ON WAIT FOR FAN TO TURN ON
2. PRESS FAN BUTTON UNTIL IT SAYS AUTO
3. SELECT SYSTEM BUTTON UNTIL IT SAYS COOL. FAN WILL COME ON FIRST THEN COOLING WILL BEGIN.
4. SELECT SYSTEM BUTTON UNTIL IT SAYS HEAT. FAN WILL COME ON FIRST THEN HEAT WILL BEGIN.
  - a. THERE MAY BE A 5 MINUTE DELAY BETWEEN SWITCHING FROM COOL TO HEAT

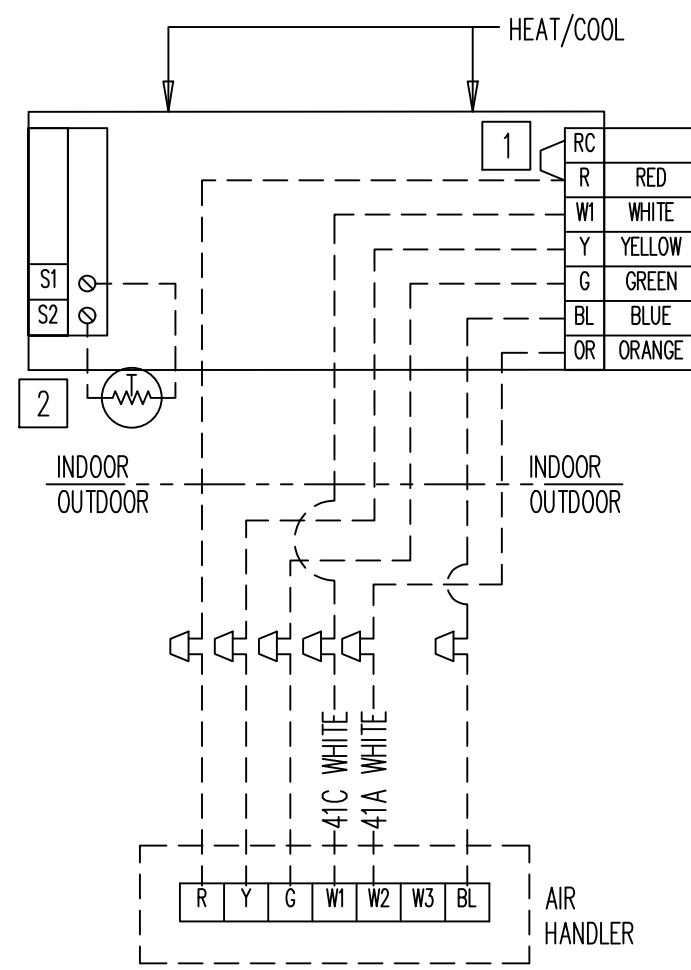
NOTE: TEMPERATURE SETTING MAY NEED ADJUSTED BASED ON CONDITIONS IN THE PLANT.

#### VENTILATION SCHEDULE

MARK	DESCRIPTION	FURN. & INSTD. BY BUILDING SUPPLIER, UNLESS NOTED OTHERWISE	QUANTITY
(A)	AIR-MATE NO. 1301-I 24" X 24" GRILL W/ 10" DIFFUSER AND ADJUSTABLE DAMPER		1
(B)	AIR-MATE NO. 1301-I 24" X 24" GRILL W/ 8" DIFFUSER AND ADJUSTABLE DAMPER		1
(C)	AIR-MATE NO. TB-170-FF RETURN AIR GRILL W/ HINGED FRAME AND 20x20x1 FILTER		1
(D)	TRANE MODEL No. 4TCY5024A1000A - 24,000 BTUH - (15 SEER) PACKAGE AIR CONDITIONER NO.BAYHTRV108F SUPPLEMENTARY ELECTRIC HEAT 20,500 BTUH NO.BAYOSAH001A MANUAL FRESH AIR HOOD KIT SET FOR 10% (80 CFM) FRESH AIR INTAKE NO.BAYSPEK060F SINGLE POWER ENTRY KIT NO.TCONT800AS11AA DIGITAL THERMOSTAT ZZSENSALO300AA REMOTE. SENSOR START-UP AND TEST IN SHOP PRIOR TO SHIPPING.		1
(E)	NOT USED		1
(F)	NOT USED		
(G)	BROAN NO.A110 EXHAUST FAN W/ 4" DUCT AND FACTORY DAMPER (110 CFM)		1

#### TRANE THERMOSTAT WIRING DIAGRAM

- INDOOR WIRING OF T-STAT BY BUILDING MANUFACTURER
- FINAL CONNECTION TO RTU BY G.C.



1 FACTORY INSTALLED JUMPER.

2 OPTIONAL OUTDOOR OR INDOOR REMOTE SENSOR. AVAILABLE ON SELECT MODELS. WIRES MUST HAVE A SEPERATE CABLE FROM THE THERMOSTAT CABLE.

TYPICAL HOOKUP OF SINGLE-STAGE HEAT AND COOL SYSTEM WITH SINGLE TRANSFORMER (1H/1C).

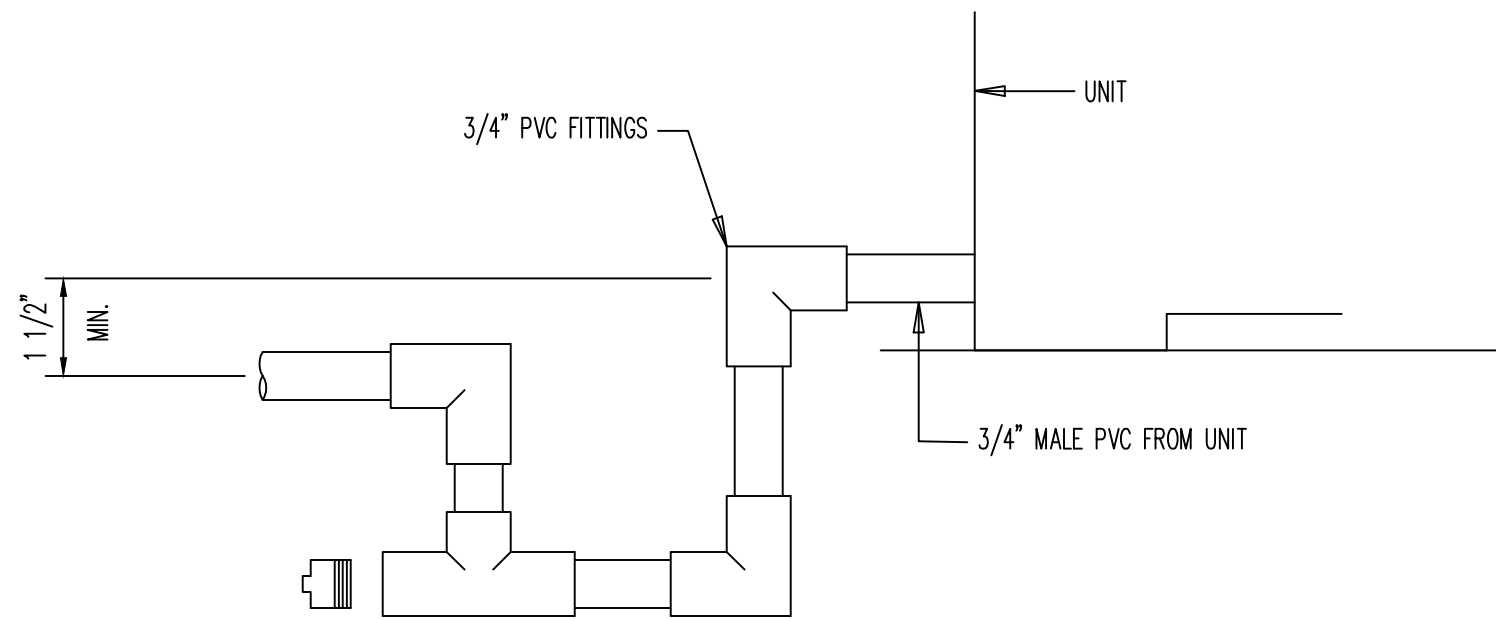
#### SEE SHEET SP-1 FOR MECHANICAL NOTES

#### TABLE M-1

##### DUCT CONSTRUCTION MINIMUM SHEET METAL GAGES

RECTANGULAR DUCTS		
MAXIMUM SIDE (INCHES)	STEEL (MIN. GALV. GAGE)	ALUMINUM (MIN. B&S GAGE)
THROUGH 12	26 (0.022 in.)	24 (0.020 in.)
13 THROUGH 30	24 (0.028 in.)	22 (0.025 in.)
31 THROUGH 54	22 (0.034 in.)	20 (0.032 in.)
55 THROUGH 84	20 (0.040 in.)	18 (0.040 in.)
OVER 84	18 (0.052 in.)	16 (0.051 in.)

ROUND DUCTS			
DIAMETER (INCHES)	STEEL (MINIMUM GALVANIZED SHEET GAGE)		
	SPIRAL SEAM	LONG SEAM	FITTINGS
THROUGH 12	28 (0.019 in.)	26 (0.022 in.)	26 (0.022 in.)
13 THROUGH 18	26 (0.022 in.)	24 (0.028 in.)	24 (0.028 in.)
19 THROUGH 28	24 (0.028 in.)	22 (0.034 in.)	22 (0.034 in.)
29 THROUGH 36	22 (0.034 in.)	20 (0.040 in.)	20 (0.040 in.)
37 THROUGH 52	20 (0.040 in.)	18 (0.052 in.)	18 (0.052 in.)



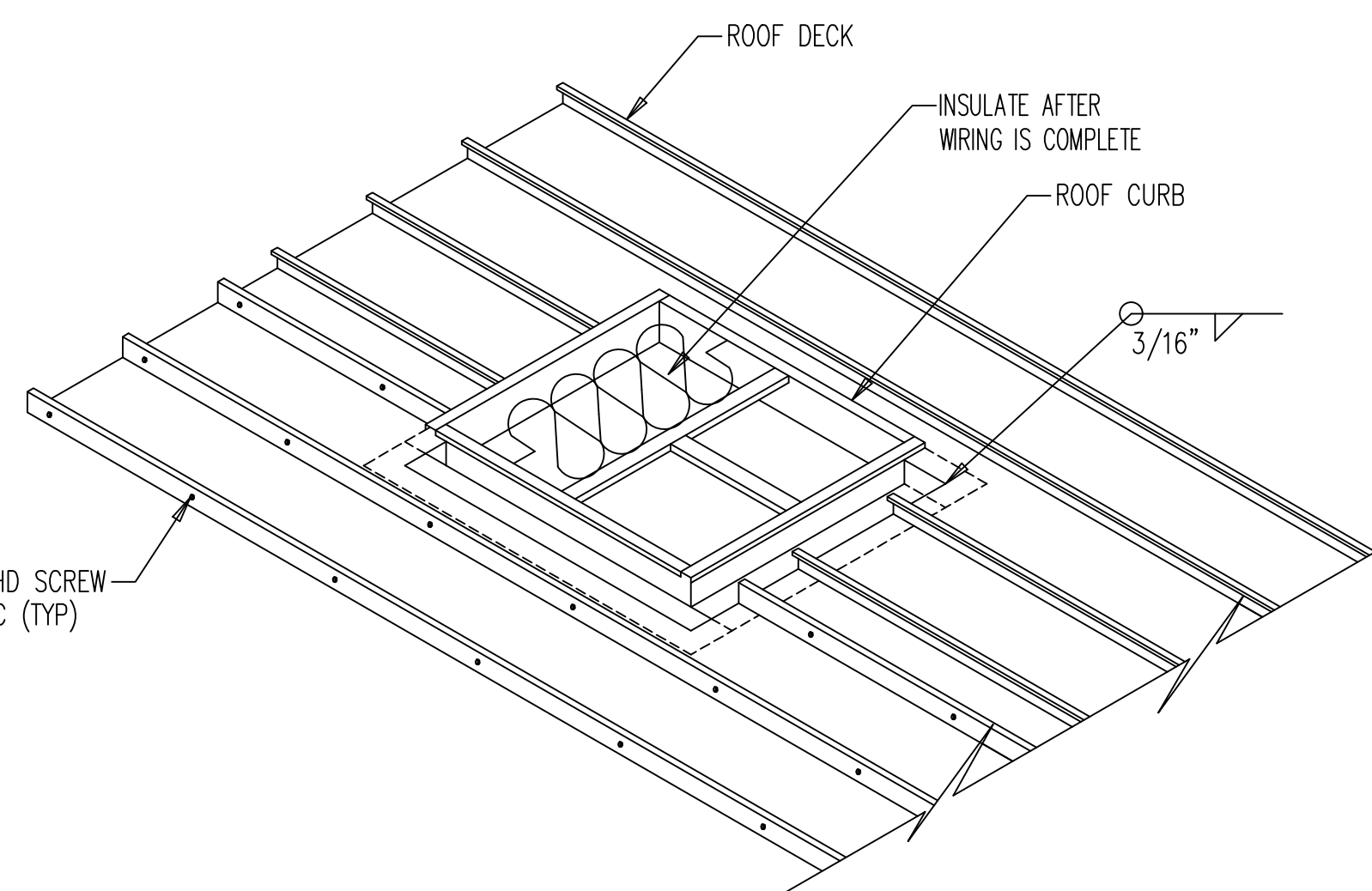
#### TYPICAL CONDENSATE DRAIN PIPING

BY BUILDING MANUFACTURER :  
B.C. SHALL PROVIDE CONDENSATE P-TRAP DRAIN CONNECTION AT THE END OF THE UNIT (SEE PLAN FOR LOCATION).

BY G.C.  
G.C. SHALL EXTEND CONDENSATE DRAIN LINE FROM P-TRAP TO GUTTER OR/ REQUIREMENTS OF GOVERNING CODES.  
G.C. SHALL FILL IT WITH WATER BEFORE STARTING THE UNIT TO AVOID AIR FROM BEING DRAWN THROUGH. FOLLOW LOCAL CODES AND STANDARD PIPING PRACTICES WHEN RUNNING THE DRAIN LINE. PITCH THE LINE DOWNWARD, AWAY FROM THE UNIT, AND AVOID LONG HORIZONTAL RUNS.

##### NOTE:

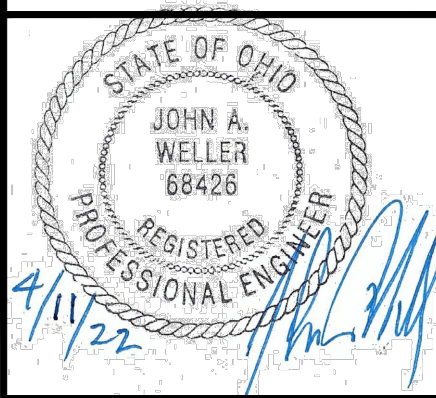
- DO NOT USE REDUCING FITTINGS IN THE DRAIN LINES. THE CONDENSATE DRAIN MUST BE:
- MADE OF 3/4" PIPE SIZE
  - PITCHED 1/4" PER FOOT TO PROVIDE FREE DRAINAGE TO CONVENIENT DRAIN SYSTEM.
  - TRAPPED.
  - MUST NOT BE CONNECTED TO CLOSED DRAIN SYSTEM.
  - MUST MAINTAIN 2" AIR GAP AT POINT OF DISCHARGE.



#### ROOF DECK/ROOF CURB ISOMETRIC VIEW

SCALE: NONE

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REVISIONS		DATE	BY
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**Ventaire, LLC**  
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1631 E. FRONT ST. LOGAN OH. 43138

**Sagebrush**  
BUILDING SYSTEMS

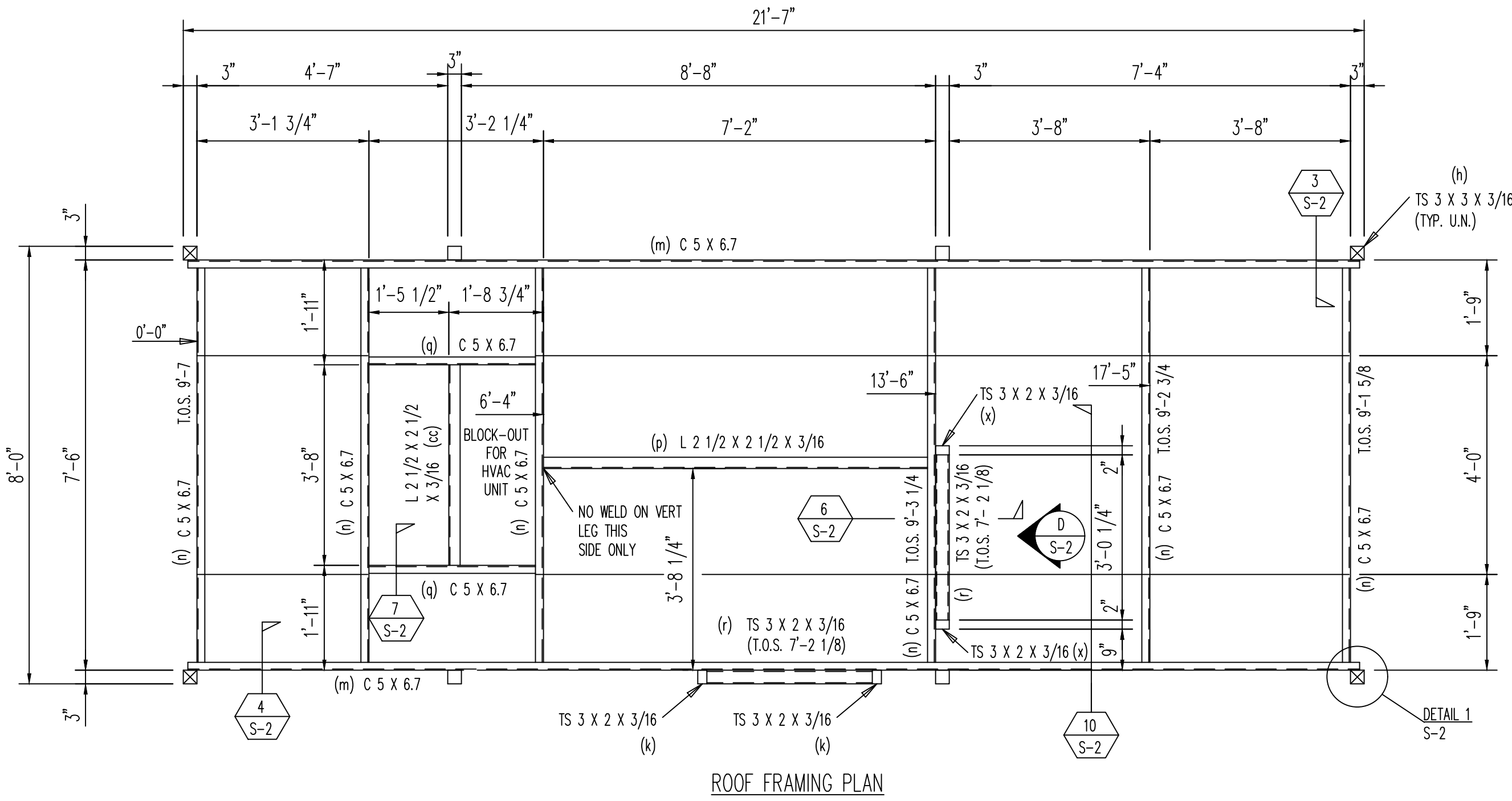
**VFS**

**KROGER COMPANY**  
8'-0" X 21'-7" MODULAR KIOSK  
MECHANICAL PLAN

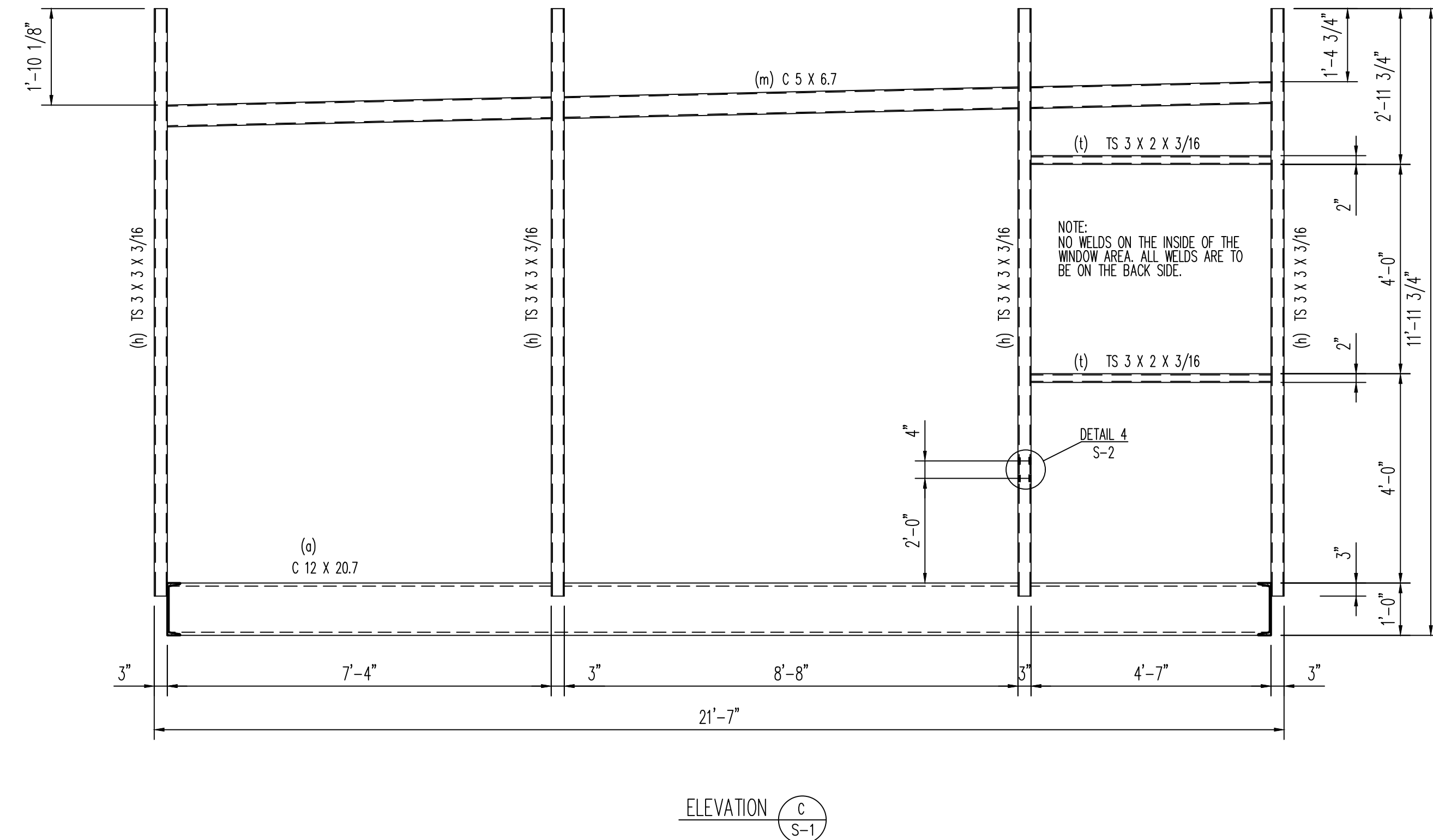
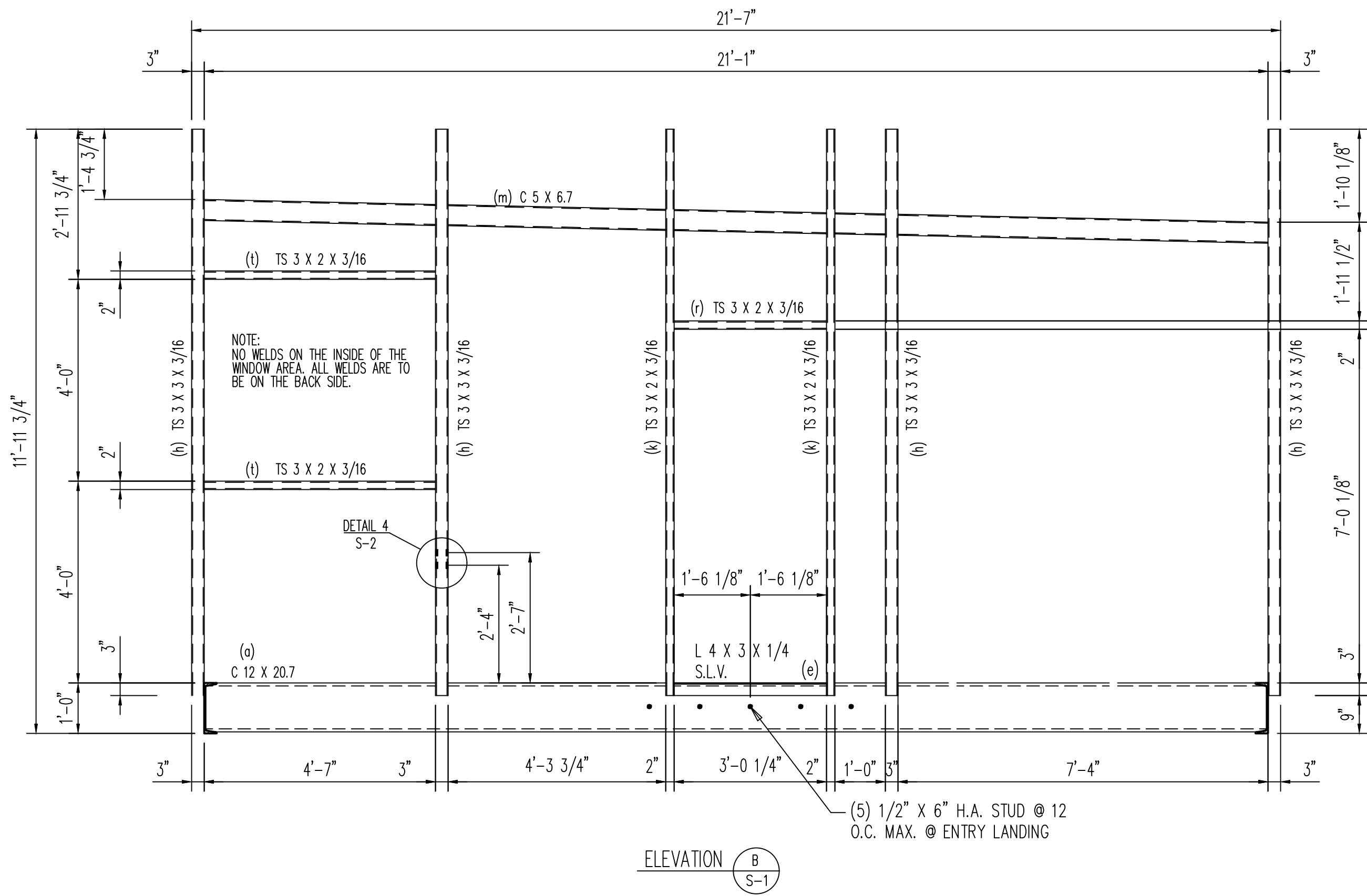
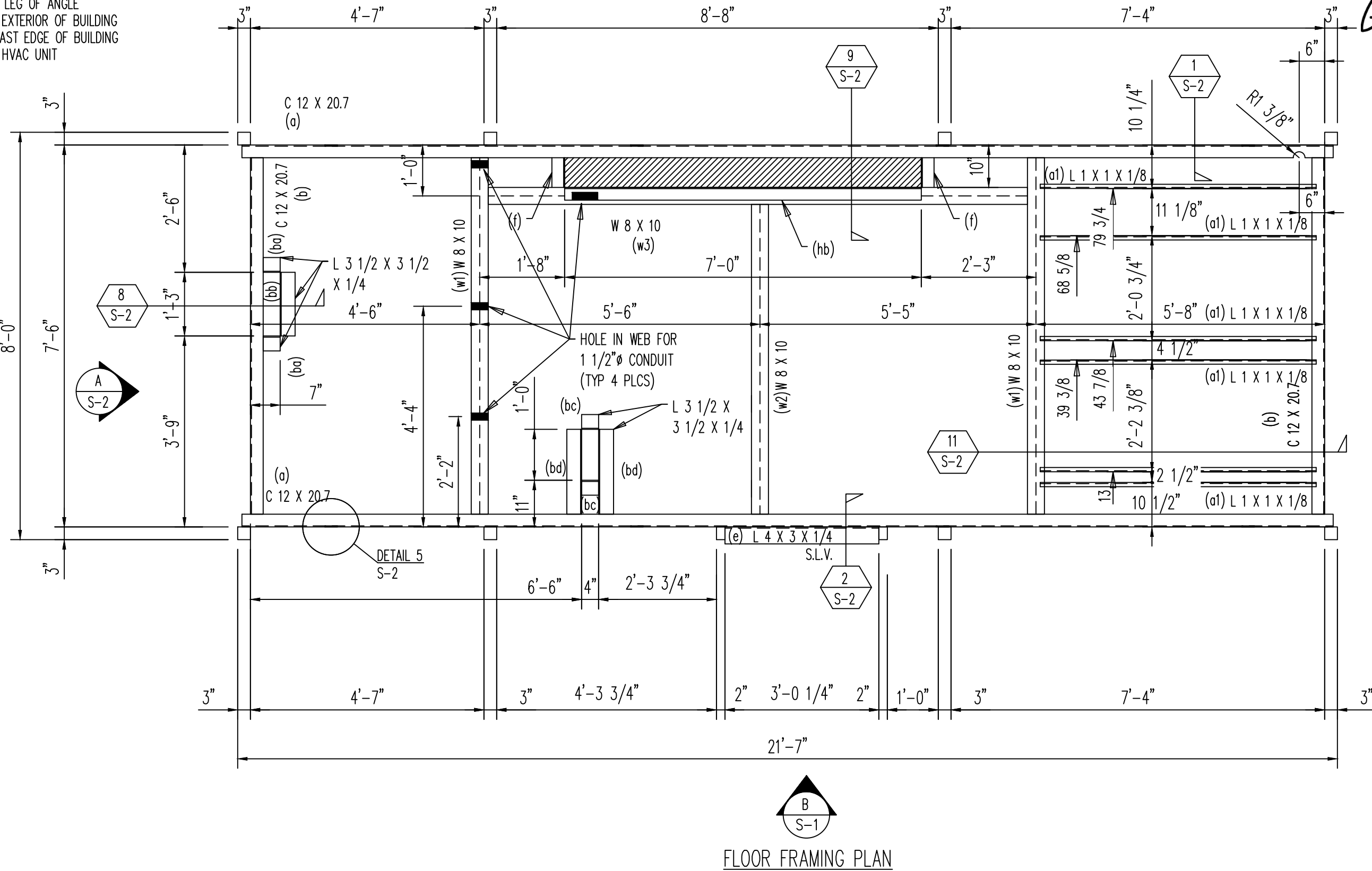
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JOB NO.:	60441
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DATE:	03/16/22
SCALE:	1/2"=1'-0"
SYSTEM I.D. NO.:	KC 8 X 21
SHEET	1 OF 1
DWG. NO.	M-1





CEILING RUNNER INSTALLATION NOTES:  
1. TACK WELD CEILING RUNNERS AT EACH CROSS MEMBER  
2. DIMENSION IS TO VERTICAL LEG OF ANGLE  
3. HORIZONTAL LEG TO FACE EXTERIOR OF BUILDING  
4. ANGLES NOT TO EXTEND PAST EDGE OF BUILDING OR INTO BLOCK-OUT FOR HVAC UNIT



NOTES:  
SEE SHEET SP-1 FOR MATERIAL DESCRIPTION

ALL HOLES 15/16" Ø U.N.O.



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REV	DESCRIPTION

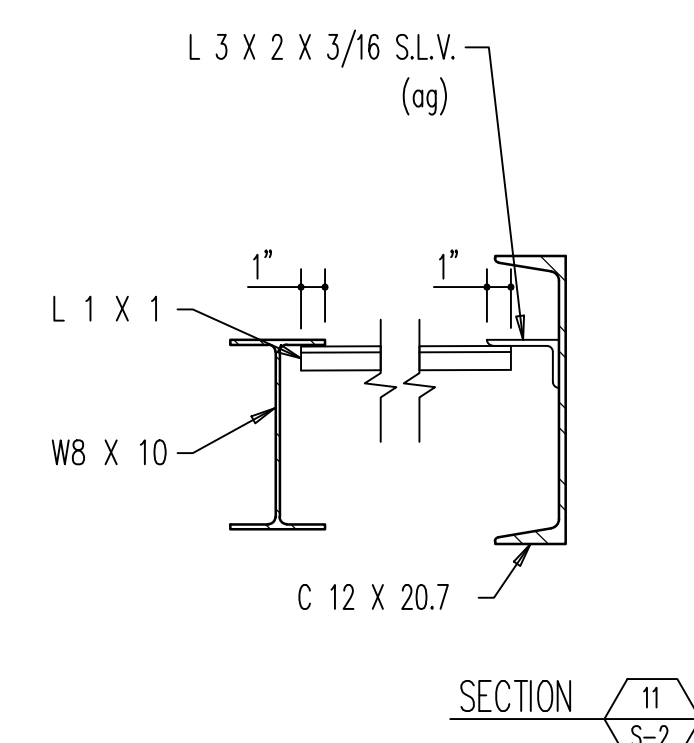
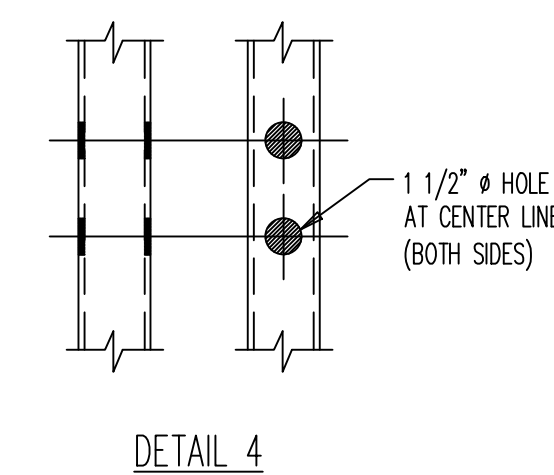
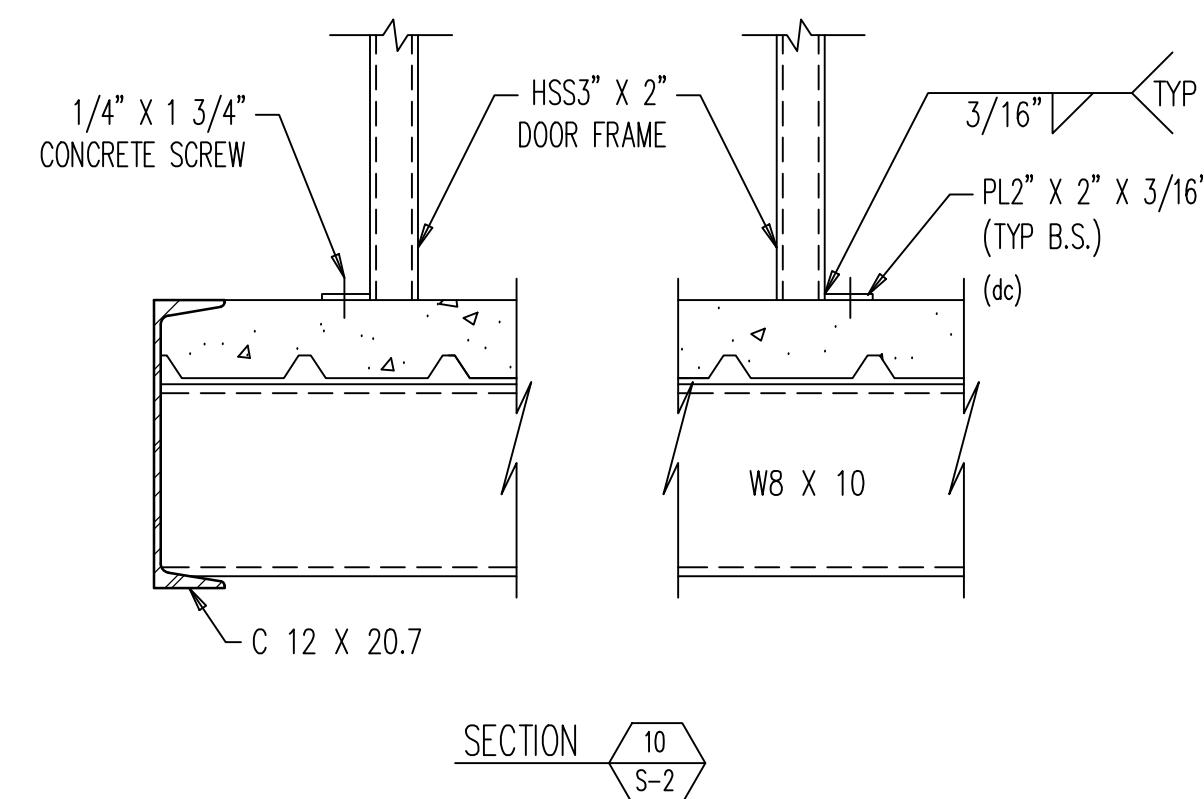
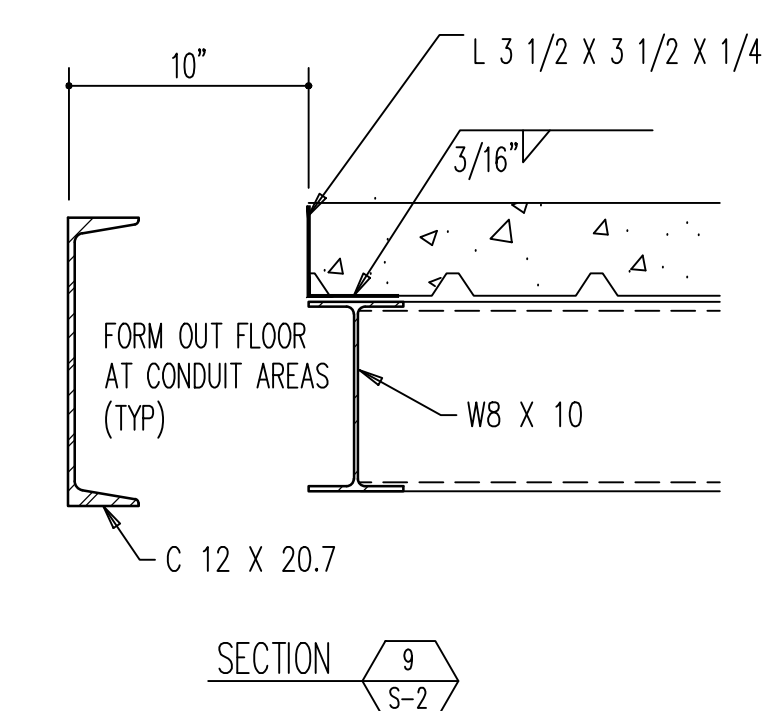
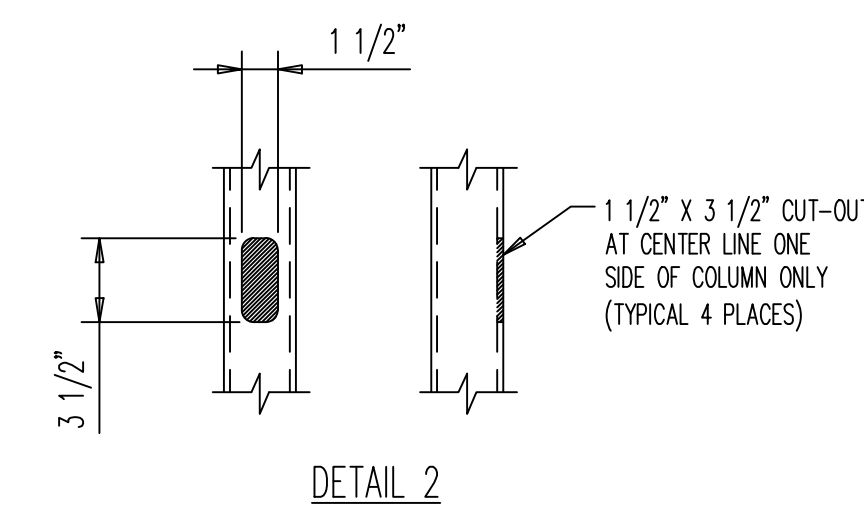
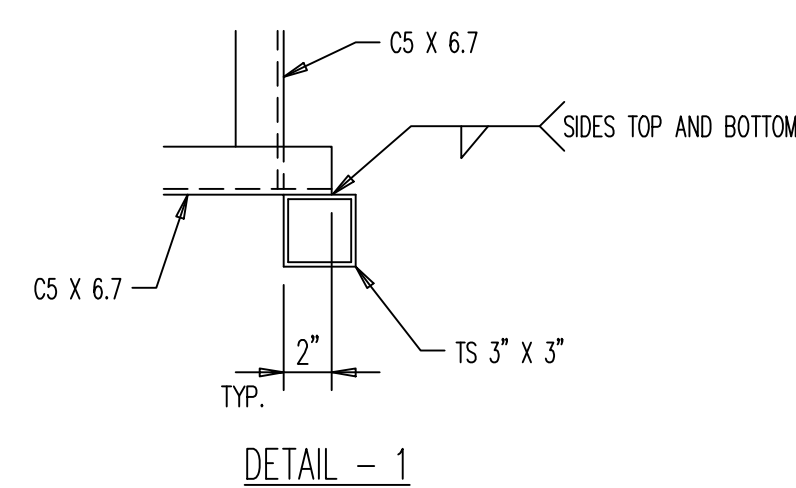
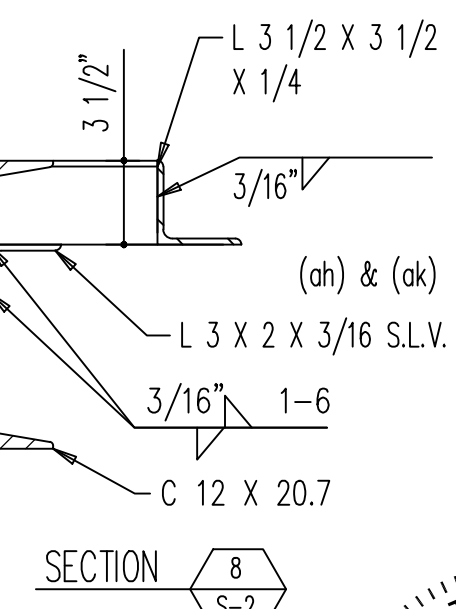
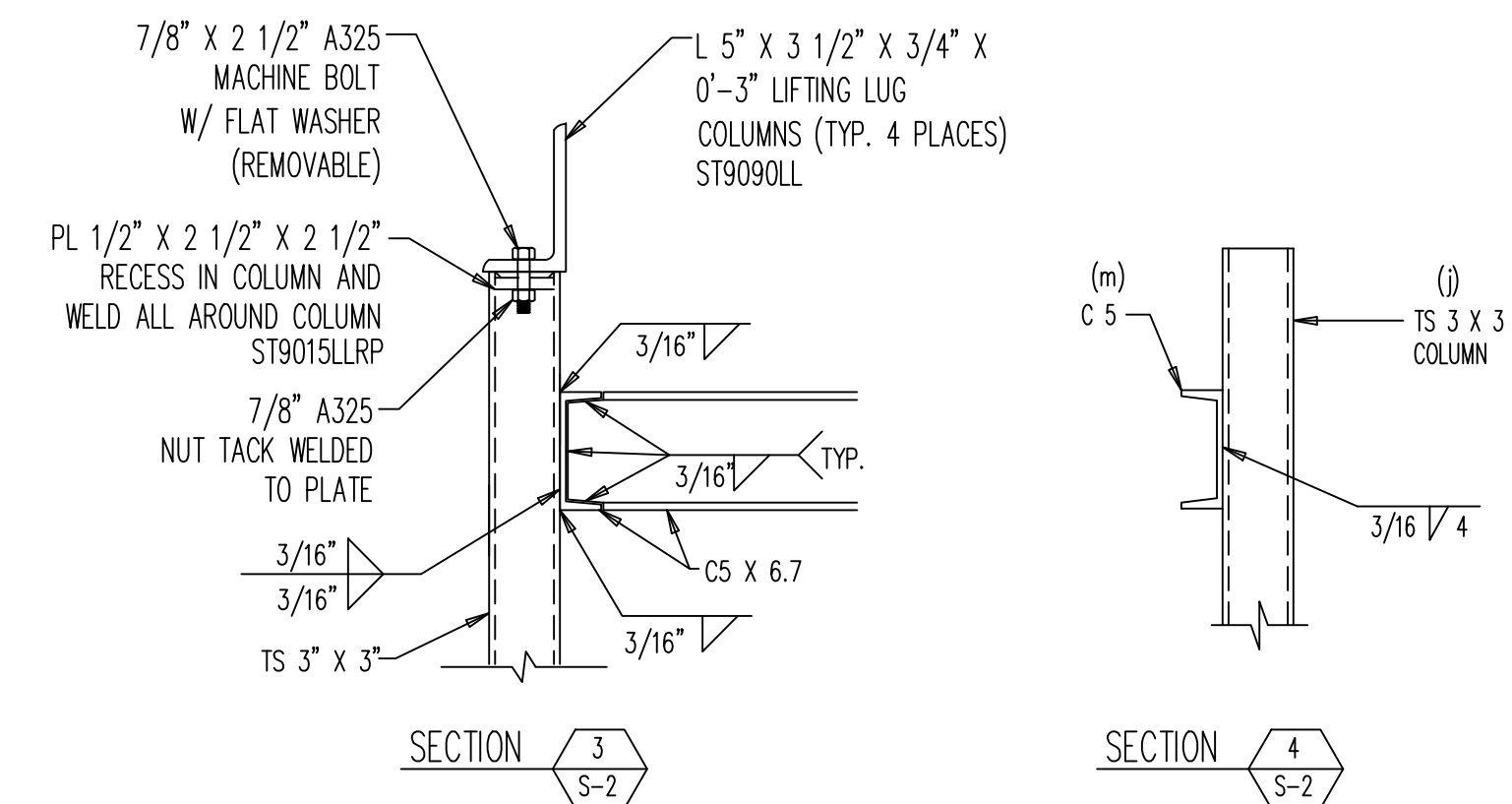
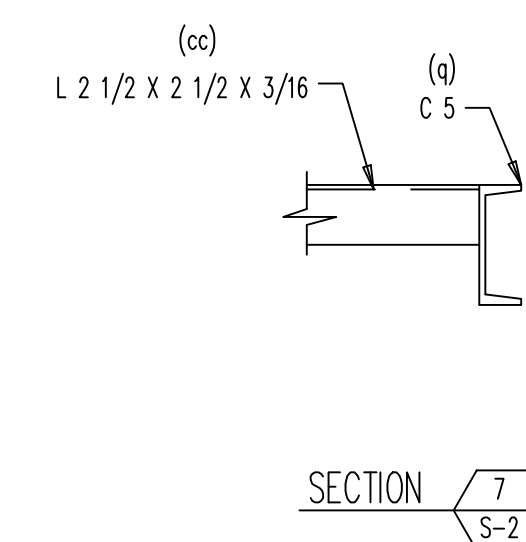
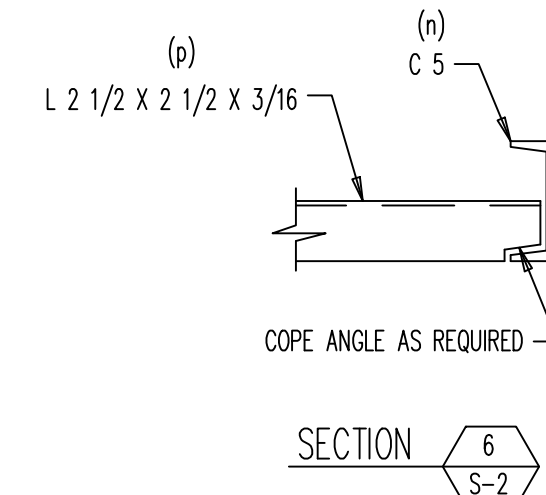
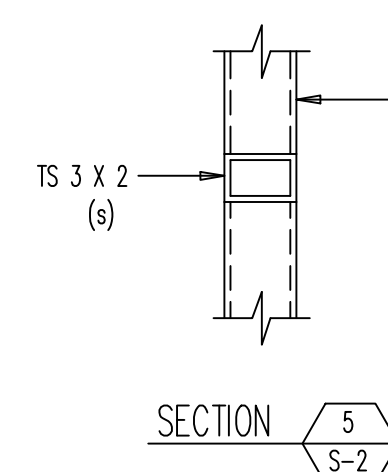
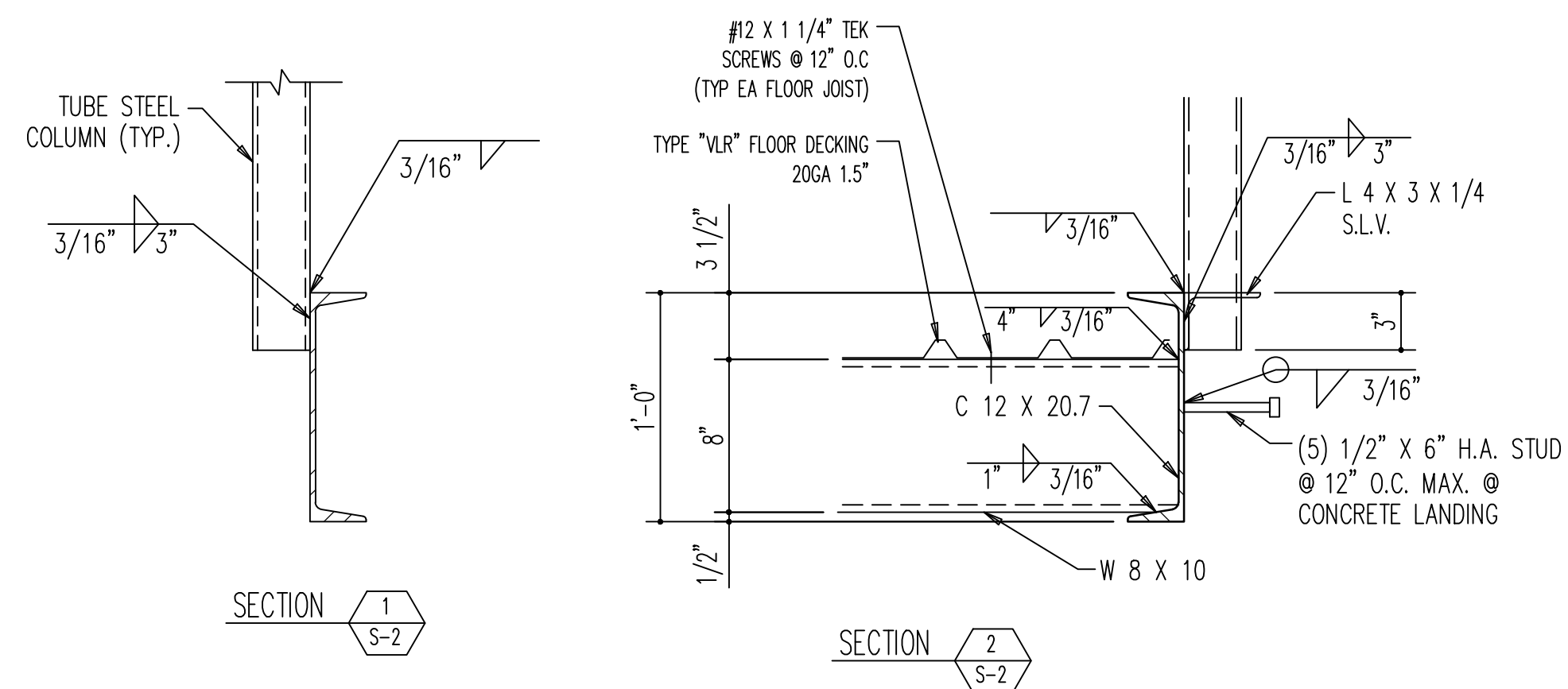
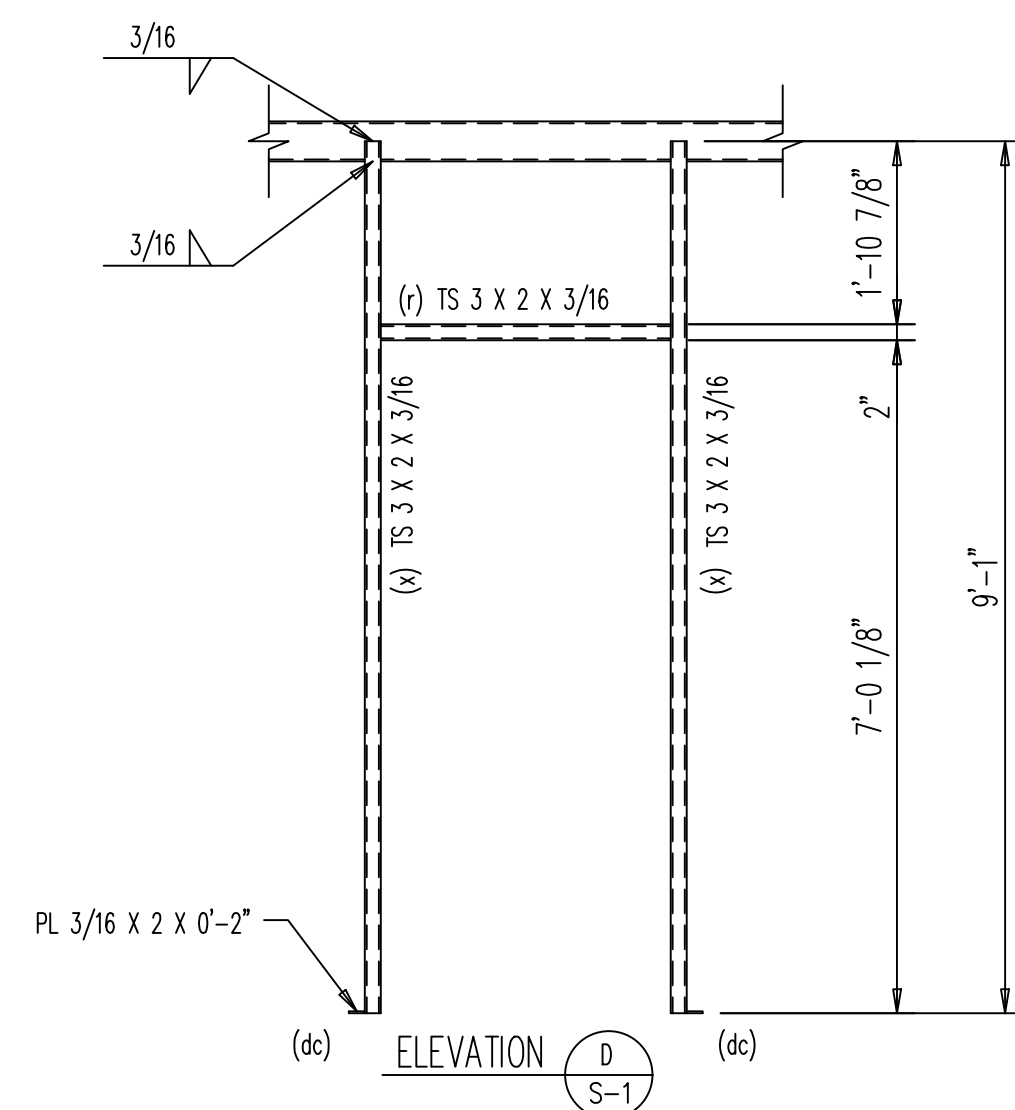
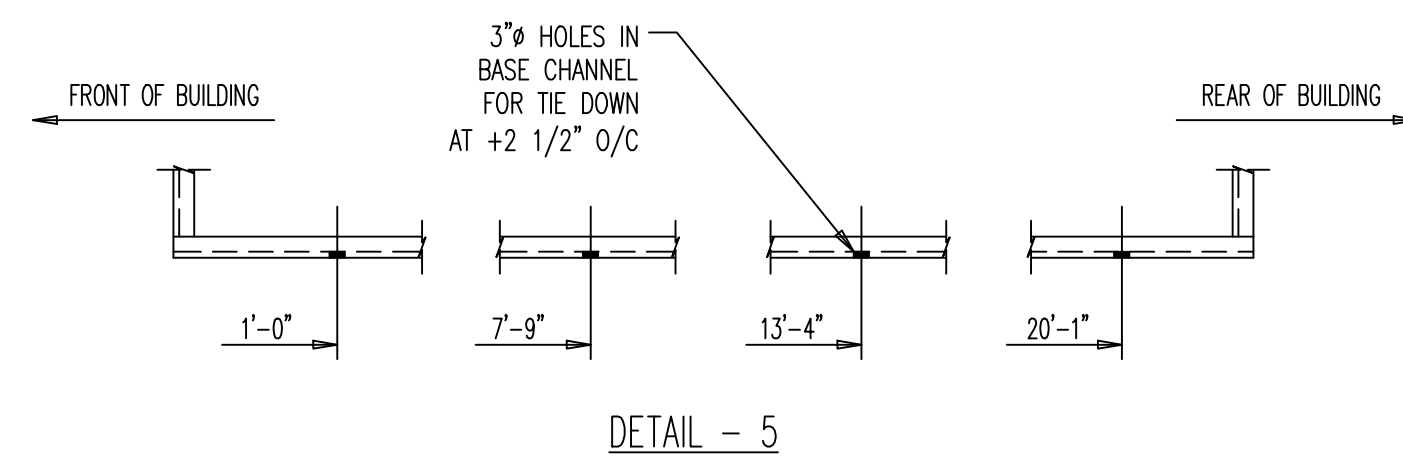
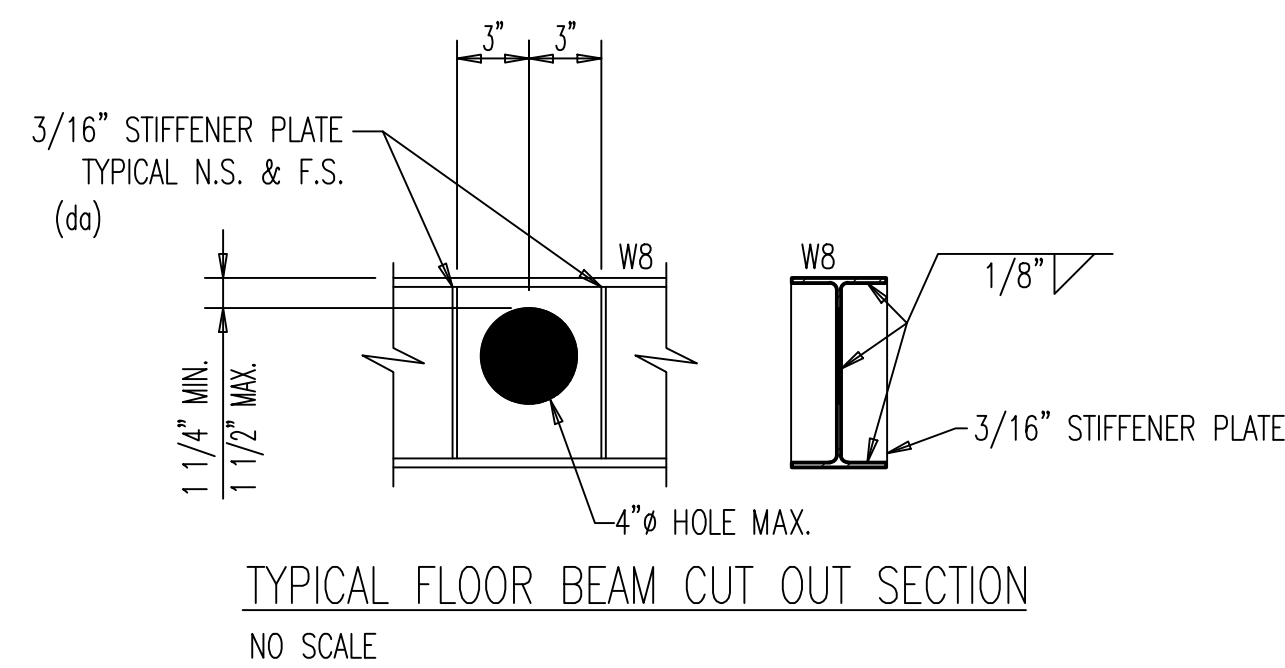
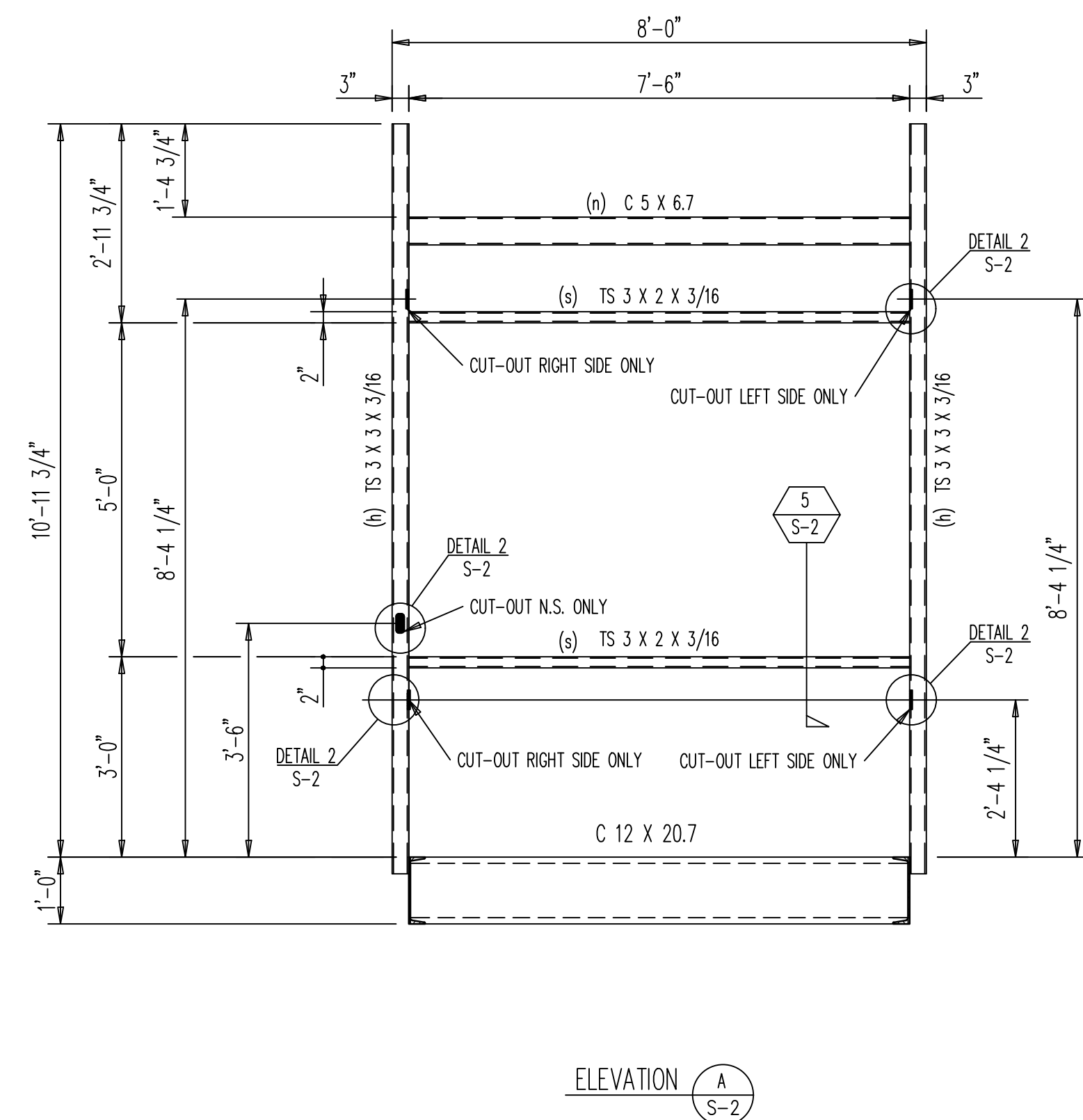
Ventaire, LLC  
Sagebrush BUILDING SYSTEMS  
VFS

909 N. WHEELING AVE. TULSA, OK 74110  
1631 E. FRONT ST. LOGAN OH. 43138

KROGER COMPANY  
8'-0" X 21'-7" MODULAR KIOSK  
STEEL FRAMING PLAN  
PROJECT ADDRESS  
KROGER A-765- 601 WOODMAN DR. - RIVERSIDE, OH 45404

QUOTE NO.:	22-0169
JOB NO.:	60441
DRAWN BY:	JH
DATE:	03/16/22
SCALE:	1/2"=1'-0"
SYSTEM I.D. NO.:	KC 8 X 21
SHEET	1 OF 2
DWG. NO.	S-1





NOTES:  
SEE SHEET SP-1 FOR MATERIAL DESCRIPTION

SEE SHEET SP-1 FOR  
PROPER OFFLOADING NOTES  
SEE SHEET SP-1 FOR  
MATERIAL DESCRIPTION

ALL HOLES 15/16" Ø U.N.O.

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Venlaire, LLC

**Sagebrush**  
BUILDING SYSTEMS

577

909 N. WHEELING AVE. TULSA, OK 74110

1031 E. FRUIT ST. LUGAN OH. 43138

KROGER COMPANY  
3'-0" X 21'-7" MODULAR KIOSK

## STEEL FRAMING DETAILS

PROJECT ADDRESS  
KROGER A-765- 601 WODDMAN DR. - RIVERSIDE, OH 45404

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FEET	2
	OF
DWG. NO.	S-2



- FASTENING SCHEDULE
1. BASE CHANNELS:  
NO.12 SCREWS AT EACH END AND ALONG THE LENGTH SPACED SO AS TO NOT EXCEED 18".

2. INTERIOR SHEET METAL WALL PANELS:

A. VERTICAL WALL PANELS – NO.12 SCREWS SPACED AT A DISTANCE NOT TO EXCEED 24" BETWEEN SCREWS. ATTACHMENT TO TOP CHANNEL SHALL BE WITH HILTI FASTENERS (EDN19THQ12HSN – 3/4" LENGTH – 9/64" DIA.) PLACED TWO PER PANEL. PANELS SHALL BE ATTACHED AT TO THE BOTTOM CHANNEL WITH 1/8" POP RIVETS SPACE NO MORE THAN 18" APART.

B. HORIZONTAL WALL PANELS – NO.12 SCREWS SPACED AT A DISTANCE NOT TO EXCEED 24" BETWEEN SCREWS. ATTACHMENT OF END BRAKES TO STEEL TUBES SHALL BE BY TWO NO.12 SCREWS AT EACH END PER PANEL. HORIZONTAL PANELS THAT WRAP TUBES AT THE TOP OR BOTTOM SHALL BE ATTACHED AT EACH END AND IN THE CENTER BY MEANS OF 1/8" POP RIVETS.

3. EXTERIOR SPLIT–FACED CASTWAL: SEE FULLTERON CASTWAL INSTALLATION GUIDE.

4. TUBE COVERS:  
TUBE COVERS ARE ATTACHED BY 1/8" POP RIVETS SPACED AT DISTANCES NOT TO EXCEED 24", AS WELL AS BEING FASTENED AT EACH END BY THE SAME MEANS.

5. ROOF DECK:  
NO.12 SCREWS WITH WASHERS SHALL BE USED TO FASTEN THE ROOF DECK TOGETHER ON THE TOP SIDE AND SHALL BE SPACED AT A DISTANCE NOT TO EXCEED 24" BETWEEN SCREWS. ENDS OF DECK PAN FASTENED DOWN THROUGH CHANNEL WITH 2 NO.12 SCREWS PER PANEL. ALL SCREW HEADS SHALL BE COATED WITH VULKEM OR SIMILAR WEATHERPROOF SEALANT.

6. TOP CAP & FLASHING:  
NO.12 SCREWS WITH WASHERS SHALL BE USED TO FASTEN THE FLASHING AND TOP CAP COMPONENTS AND SHALL BE SPACED AT A DISTANCE NOT TO EXCEED 24" BETWEEN SCREWS. ALL SCREW HEADS SHALL BE COATED WITH VULKEM OR SIMILAR WEATHERPROOF SEALANT.

7. SOFFIT & FASCIA  
NO.10 SELF DRILLING SCREWS SHALL BE USED TO FASTEN THE SOFFIT AND FASCIA TO "ZEE" SUPPORTS COMPONENTS AND SHALL BE SPACED AT A DISTANCE NOT TO EXCEED 24" BETWEEN SCREWS.

8. "ZEE" SUPPORTS  
NO.10 SELF DRILLING SCREWS SHALL BE USED TO FASTEN THE "ZEE" SUPPORTS ON THE UPPER END AND #12–24 SELF TAPPING SCREWS ON THE LOWER END INTO STRUCTURAL TUBING.
- STRUCTURAL STEEL & COLD FORMED STEEL
1. DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE LATEST AISC SPECIFICATIONS. DESIGN, FABRICATION AND ERECTION OF COLD FORMED STEEL SECTIONS SHALL CONFORM TO THE LATEST AISI SPECIFICATIONS.

2. STRUCTURAL MATERIALS:

WIDE FLANGE SECTIONS – ASTM A992 OR A572 GRADE 50 (Fy = 50 KSI)  
ANGLES / CHANNELS / PLATE – ASTM A36 (Fy=36 KSI)  
HOLLOW STRUCTURAL SECTIONS (TUBE) – ASTM A500 GRADE B (Fy = 46 KSI)  
PIPE SECTIONS – ASTM A53, GRADE B (Fy = 35 KSI)  
ROOF DECK – ASTM A653, GRADE 50 (Fy = 50 KSI), GALVANIZED (G60) WITH BAKED ENAMEL FINISH  
WALL PANELS – ASTM A653, GRADE 50 (Fy = 50 KSI), GALVANIZED (G60) WITH BAKED ENAMEL FINISH  
STEEL OUTRIGGERS – ASTM A653 GR. 40 (Fy = 40 KSI), GALVANIZED (G90) PER ASTM 924  
STRUCTURAL BOLTS – ASTM A325  
ANCHOR BOLTS – EXPANSION ELEMENTS FOR CARBON AND STAINLESS STEEL  
KB–TZ ANCHORS ARE FABRICATED FROM TYPE 316 STAINLESS STEEL. THE HEX NUT FOR CARBON STEEL CONFORMS TO ASTM A 563–04, GRADE A, AND THE HEX NUT FOR STAINLESS STEEL CONFORMS TO ASTM F 594

3. WELDING OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH LATEST ANSI / AWS D1.1

4. FIELD CONNECTIONS SHALL BE BOLTED CONNECTIONS UNLESS SPECIFIED ON DRAWING.

5. ALL STRUCTURAL BOLTED CONNECTIONS SHALL USE ASTM A325 BOLTS. BOLTED JOINTS SHALL BE TIGHTENED TO SNUG TIGHT PER LATEST RCSC SPECIFICATION.

6. STRUCTURAL STEEL SHALL BE SHOP COATED WITH A RED–OXIDE RUST INHIBITIVE PRIMER.

7. ALL STRUCTURAL STEEL AND COLD FORMED STEEL SECTIONS CONFORM TO ASTM E 84 FIRE RATING CLASS "A"  
FLAME SPREAD = 0–25  
SMOKE DEVELOPED = 0–450

MECHANICAL NOTES

1. BUILDING SUPPLIER SHALL FURNISH AND INSTALL DUCTWORK, AIR DEVICES AND ROOF CURB PER DRAWING M–1.

2. ALL DUCTWORK TO BE SHOP INSTALLED AND SHALL BE EXTERNALLY INSULATED WITH 1 1/2" THICK, VINYL FACED, FIBERGLASS INSULATION.

3. GENERAL CONTRACTOR SHALL SET IN PLACE THE ROOF MOUNTED HVAC UNIT, ONSITE.

4. GENERAL CONTRACTOR SHALL OBTAIN PERMIT AS WELL AS SECURE LOCAL INSPECTIONS AND APPROVALS ON ALL HVAC WORK DONE AT JOBSITE.

5. GENERAL CONTRACTOR SHALL START UP THE HVAC UNIT. BUILDING SUPPLIER SHALL WARRANTY THE HVAC UNIT.

6. METAL DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED SHEET STEEL WITH A MINIMUM THICKNESS AS SPECIFIED IN TABLE M–1. THE DUCT CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE SMACNA LOW PRESSURE DUCT CONSTRUCTION STANDARD–LATEST EDITION.

7. THE HVAC UNIT SHALL HAVE A RETURN AIR GRILL IN THE SUSPENDED CEILING

8. SEE MECHANICAL CALCULATIONS AND ACCOMPANYING ENVELOPE COMPLIANCE CERTIFICATE FOR EQUIPMENT LOADS.

9. VENTILATING AIR REQUIREMENTS  
REQUIREMENTS: PER 2015 IMC RETAIL SALES  
NET OCCUPIABLE AREA: 174 ft² ((174 X 0.12 ) + (7.5 X 4 ) =51 cfm)/.8)= 64  
TRANE MODEL No. 4TCC3Q24 RATED 800cfm WITH FRESH AIR DAMPER SET AT 10% = 80cfm PROVIDED/ 64 cfm REQ'D

10. FLEXIBLE DUCT  
ALL FLEXIBLE AIR DUCTS SHALL BE TESTED IN ACCORDANCE WITH UL 181. AND LABELED AS CLASS 1.

ELECTRICAL NOTES

1. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST NATIONAL ELECTRICAL CODE OR PREVAILING CODE.

2. WIRE TYPE SHALL BE THHN–THWN COPPER.

3. ALL POWER WIRING SHALL BE IN METAL CLAD (MC) CABLES OR CONDUIT AS FOLLOWS: BELOW FLOOR – PVC ELECTRICAL CONDUIT, ABOVE FLOOR – EMT OR METAL FLEX (AS REQUIRED).

4. A SECONDARY GROUNDING CONDUCTOR SHALL BE SUPPLIED IN BUILDING BY A CONDUCTOR FROM PANEL TO FRAME TO COLD WATER PIPE, WHEN AVAILABLE, BY G.C.

5. GC TO MAKE ELECTRICAL CONNECTIONS TO ROOF MOUNTED HVAC; INCLUDING LOW VOLTAGE WIRING, IF REQUIRED.

6. GC TO MAKE ELECTRICAL SERVICE CONNECTION AT BUILDING ENTRY, INCLUDING MOUNTING CT, METER, AND MAIN DISCONNECT IF REQUIRED PER LOCAL CODE.

7. ALL WIRING, FIXTURES, AND EQUIPMENT ARE U.L. LISTED AND A GROUND WIRE SHALL BE RUN IN ALL CONDUITS, INCLUDING FLEX.

8. GC SHALL OBTAIN PERMIT AND SECURE LOCAL INSPECTIONS AND APPROVALS ON ALL ELECTRICAL WORK DONE ON–SITE.

9. B.E.C. SHALL FURNISH & INSTALL ALL ELECTRICAL WIRING, CONDUIT, WIREMOLD, FITTINGS, RECEPTACLES AND SWITCHES REQUIRED FOR EQUIPMENT AND FIXTURES FURNISHED WITH BUILDING. G.C. SHALL FURNISH AND INSTALL ALL OTHER ELECTRICAL REQUIRED TO COMPLETE INSTALLATION AND LEAVE READY FOR OPERATION.

10. B.E.C. SHALL FURNISH & INSTALL RECEPTACLE ON ROOF IN WEATHERPROOF ENCLOSURE THAT IS PROVIDED WITH GROUND FAULT INTERRUPTION CAPABILITY, WHETHER THROUGH THE RECEPTACLE ITSELF OR BY MEANS OF A G.F.C.I. BREAKER. THE RECEPTACLE SHALL BE WITHIN 25 FEET OF ROOFTOP EQUIPMENT PER CODE REQUIREMENTS.

11. ALL PANELBOARDS SHALL BE FURNISHED WITH TYPED DIRECTORY CARDS WITH THE EQUIPMENT SERVED PROPERLY DESIGNATED. ALL DIRECTORIES SHALL BE LOCATED WITHIN THE RESPECTIVE PANEL COVER.

12. GC TO FURNISH AND INSTALL W.P. DISCONNECT WITHIN SIGHT OF ALL SIGNS AS REQUIRED PER NEC ARTICLE 600.

13. WORKING CLEARANCE AROUND ELECTRICAL EQUIPMENT SHALL COMPLY WITH NEC ARTICLE 110.26

14. RECEPTACLES AND PHONE JACKS SHALL BE +24" A.F.F.\U.N.O.

15. GC TO FURNISH AND INSTALL SUPPLEMENTARY GROUNDING USING APPROVED GROUND ROD PER NEC ARTICLE 250.

16. GC RESPONSIBLE FOR OBTAINING A FAULT CURRENT STUDY, IF REQUIRED BY LOCAL AUTHORITIES. INTERRUPTING RATING OF SERVICE EQUIPMENT IN THIS BUILDING IS 10,000 A.I.C.S. G.C. SHALL COORDINATE WITH LOCAL UTILITY COMPANY AND DETERMINE AVAILABLE FAULT CURRENT, A REMOTE MAIN SWITCH WITH CURRENT LIMITING FUSES SHALL BE PROVIDED AND INSTALLED BY G.C., IF NECESSARY, TO LOWER FAULT CURRENT TO A COMPATIBLE LEVEL.

PLUMBING NOTES

1. BUILDING SUPPLIER SHALL FURNISH AND INSTALL FIXTURES AND MATERIALS NECESSARY AS SPECIFIED ON PLUMBING PLANS WITHIN THE CONFINES OF THE MODULAR BUILDING IN ACCORDANCE WITH THE PREVAILING CODE.

2. GENERAL CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO BUILDING DRAINS AS REQUIRED BY STATE AND LOCAL CODES.

3. ADD INSULATION TO HW LINE & P–TRAP AT LAVATORY WHERE EXPOSED PIPING EXISTS.

4. WASTE AND VENT SYSTEM SHALL BE SCHEDULE 40 PVC.

5. WATER LINES BELOW FLOOR SHALL BE TYPE 'K' SOFT DRAWN COPPER WITH NO FITTINGS AND WRAPPED WITH 3/8" ARMAFLEX INSULATION UP THROUGH CONCRETE.

6. WATER LINES ABOVE FLOOR SHALL BE TYPE 'L' HARD DRAWN COPPER WITH WROT COPPER FITTINGS AND LEAD FREE SOLDER.

7. ALL FIXTURE SUPPLY PIPING TO HAVE 12" AIR CHAMBERS AND SHUT–OFF VALVES.

8. GENERAL CONTRACTOR TO OBTAIN PERMIT AND SECURE LOCAL INSPECTIONS AND APPROVALS ON ALL PLUMBING WORK DONE ON–SITE.

9. BUILDING SUPPLIER TO SHIP LOWEST HORIZONTAL PLUMBING CHASE PANEL LOOSE TO PROVIDE FIELD ACCESS FOR PLUMBING HOOK UPS.

FOUNDATION

1. MINIMUM ALLOWABLE SOIL BEARING SHALL BE 2000 PSF. IT SHALL BE THE RESPONSIBILITY OF THE OWNER/GC TO VERIFY EXISTING SOIL CONDITIONS

2. CONCRETE SHALL HAVE A MINIMUM COMPRESSION STRENGTH AT 28 DAYS OF 3000 P.S.I.

3. MINIMUM YIELD STRENGTH OF CONCRETE REINFORCEMENT IS 60 K.S.I.

4. HILTI KWIK BOLT TZ KB–TZ 3/4"ø X 3 3/4" MIN. EMBEDMENT SEE FLOOR FRAMING PLAN SHT S–1 FOR ANCHOR PLACEMENT (IF APPLICABLE)

5. REBAR SUPPLIED BY OTHERS

6. BOTTOM OF FOOTING SHALL BE AT OR BELOW FROST AS DETERMINED BY LOCAL BUILDING OFFICIAL

7. MIN. 12" OF GRANULAR STRUCTURAL FILL BELOW FOOTING

8. 95% MOD. PROCTOR COMPACTION OF STRUCTURAL FILL

COMPONENT SPECIFICATIONS

1. CEILING TILES  
2'X4' GYPSUM CEILING TILES CONFORM TO:  
ASTM C 1396, TYPE X, CLASS 1  
ASTM E 1264, TYPE XX, PATTERNS E, G  
SURFACE BURNING CHARACTERISTICS (PER ASTM E 84)  
FLAME SPREAD = 5  
SMOKE DEVELOPED INDEX = 0  
RATED CLASS "A"

2. WALL INSULATION  
R–13 KRAFT FACED INSULATION  
ASTM C 665, TYPE II, CLASS "C", CATAGORY 1  
ASTM E 96 PERMEABILITY; KRAFT – 1.0 PERMS  
SURFACE BURNING CHARACTERISTICS (PER ASTM E 84)  
FLAME SPREAD = 25  
SMOKE DEVELOPED INDEX = 50  
RATED CLASS "A"

3. ROOF INSULATION  
R–19 POLY FACED INSULATION  
ASTM C 665, TYPE II, CLASS "C", CATAGORY 1  
ASTM E 96 PERMEABILITY; KRAFT – 1.0 PERMS  
SURFACE BURNING CHARACTERISTICS (PER ASTM E 84)  
FLAME SPREAD = 25  
SMOKE DEVELOPED INDEX = 50  
RATED CLASS "A"

4. DOORS

DOOR: 3070 X 1 3/4" 16 GA. INSULATED METAL DOOR  
PEEP HOLE: DOOR SCOPE DS1000MG  
FRAME: TS 3 X 2 X 3/16 – W/ FULL WEATHER STRIP AND SWEEP  
BY BUILDING SUPPLIER  
HINGES: HAGER, ROTON HINGE NO.780–210 X 83"  
CLOSER: LCN #1461H REVERSIBLE 90 DEGREE HOLD  
OPEN ARM W/ ADJUSTABLE DELAY ACTION, CLEAR FINISH, PUSH SIDE MOUNT  
FINISH: PAINTED TO MATCH ADJACENT WALL  
LOCK: SCHLAGE LV9480BD06B 626 MORTISE LOCKSET. FURNISH WITH CONSTRUCTION CORES WITH KEY.  
THRESHOLD: 1/2" X 3" ALUMINUM W/ BEVELED EDGES  
SLOPE NOT STEEPER THAN 1:2

DF1

DOOR: 3070 X 1 3/4" 18 GA. INSULATED METAL DOOR  
FRAME: HSS 3 X 2 X 3/16  
HINGES: HAGER, ROTON HINGE NO.780–210 X 83"  
CLOSER: LCN #1461H REVERSIBLE 90 DEGREE HOLD  
OPEN ARM W/ ADJUSTABLE DELAY ACTION, CLEAR FINISH, PUSH SIDE MOUNT  
FINISH: PAINTED TO MATCH ADJACENT WALL  
LOCK: SCHLAGE ND96BD RHO 626 LOCKSET. FURNISH WITH CONSTRUCTION CORES AND KEYS  
THRESHOLD: CUSTOM BUILDING PRODUCTS TILE EDGE 5/16" X 8'–2 1/2" L SHAPED "CHANNEL" SILVER ALUMINUM FINISH

DF3

OPTIONAL INTERIOR RESTROOM DOOR SWINGS INTO RR

5. GLAZING  
GLASS: 1 3/4" LEVEL 1 DOUBLE PANE SHGC=0.59

FRAME/SASH: 20 GA. SHEET METAL BY BUILDING MANUFACTURER  
ASTM A653, GRADE 50 (Fy = 50 KSI), GALVANIZED (G60) WITH BAKED ENAMEL FINISH

6. EXTERIOR CAST WALL (IF APPLICABLE)  
FACTORY FABRICATED POLYMER REINFORCED CEMENT PANELS  
NOMINAL THICKNESS: 1" AT BLOCK – 9/16" AT JOINT  
DIMENSIONAL TOLERANCES:  
LENGTH AND WIDTH – +1/8"  
THICKNESS (AT BLOCK) – +5/16"  
THICKNESS (AT JOINT) – +1/8"  
SURFACE BURNING CHARACTERISTICS (PER ASTM E 84)  
FLAME SPREAD = 0  
SMOKE DEVELOPED INDEX = 40  
RATED CLASS "A"  
INORGANIC FILLERS MEET REQUIREMENTS OR FEDERAL SPECIFICATION TTP–P–403A  
COEFFICIENT OF THERMAL EXPANSION:  
(ASTM D–696) 5.14 X 10–6  
BLOCK CAST PANELS SHALL WITHSTAND A TEST OF 500 HOURS OF CARBON ARC EXPOSURE (ASTM METHOD G23)

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AARON R LANDRUM, PE

1201 East 3rd Street  
Tulsa, OK 74120

918.518.1124

REVISIONS

REV	DESCRIPTION	BY	DATE

Ventaire, LLC

Sagebrush BUILDING SYSTEMS

VFS

909 N. WHEELING AVE. TULSA, OK 74110

1631 E. FRONT ST. LOGAN OH. 43138

KROGER COMPANY

8'–0" X 21'–7" MODULAR KIOSK SPECIFICATION SHEET

PROJECT ADDRESS  
KROGER A–765– 601 WOODMAN DR. – RIVERSIDE, OH 45404

QUOTE NO.:

JOB NO.:

DRAWN BY:

DATE:

SCALE:

SYSTEM I.D. NO.:

SHEET

DWG. NO.

22–0169

60441

JH

03/16/22

1/2"=1'–0"

KC 8 X 21

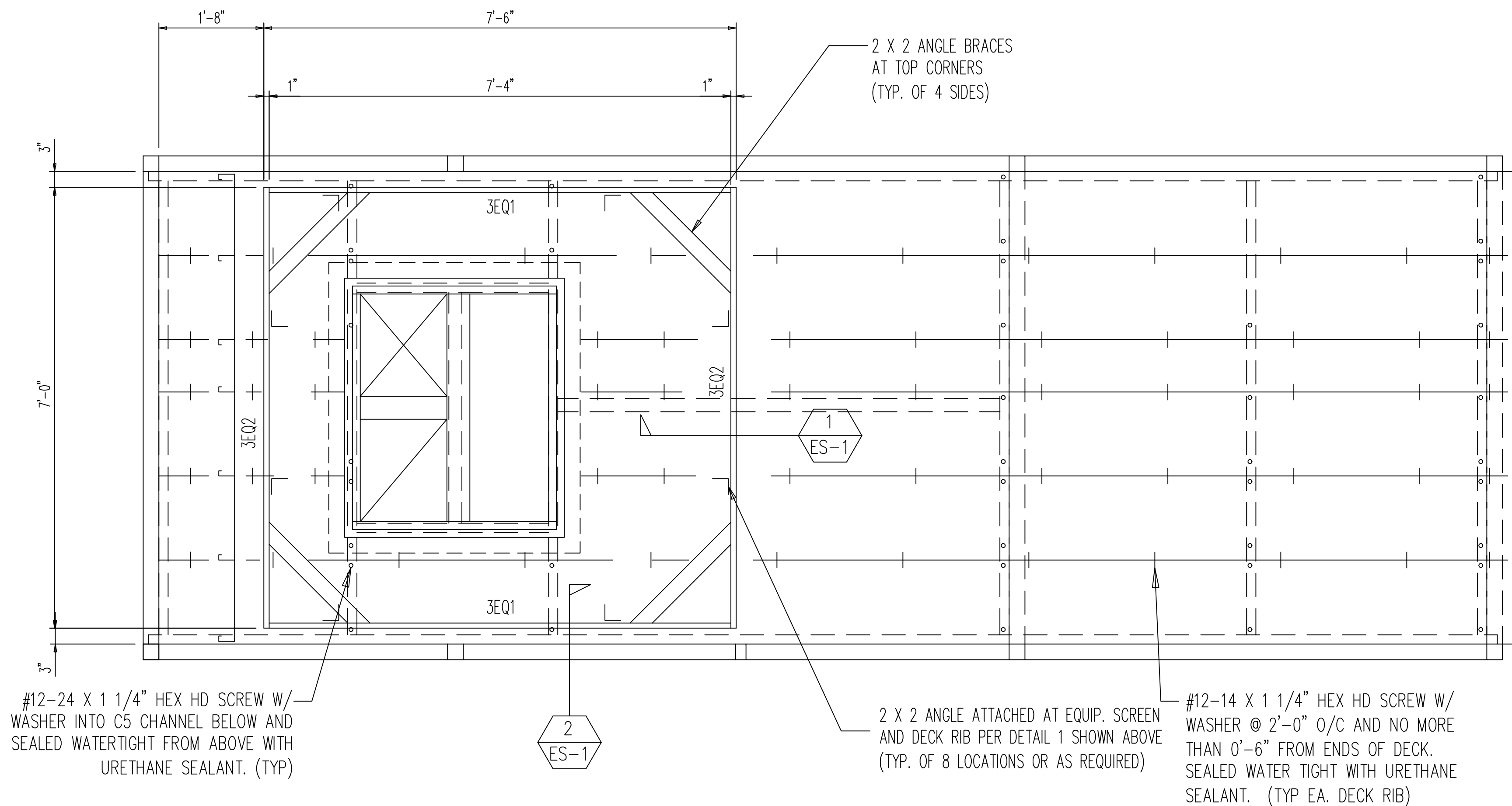
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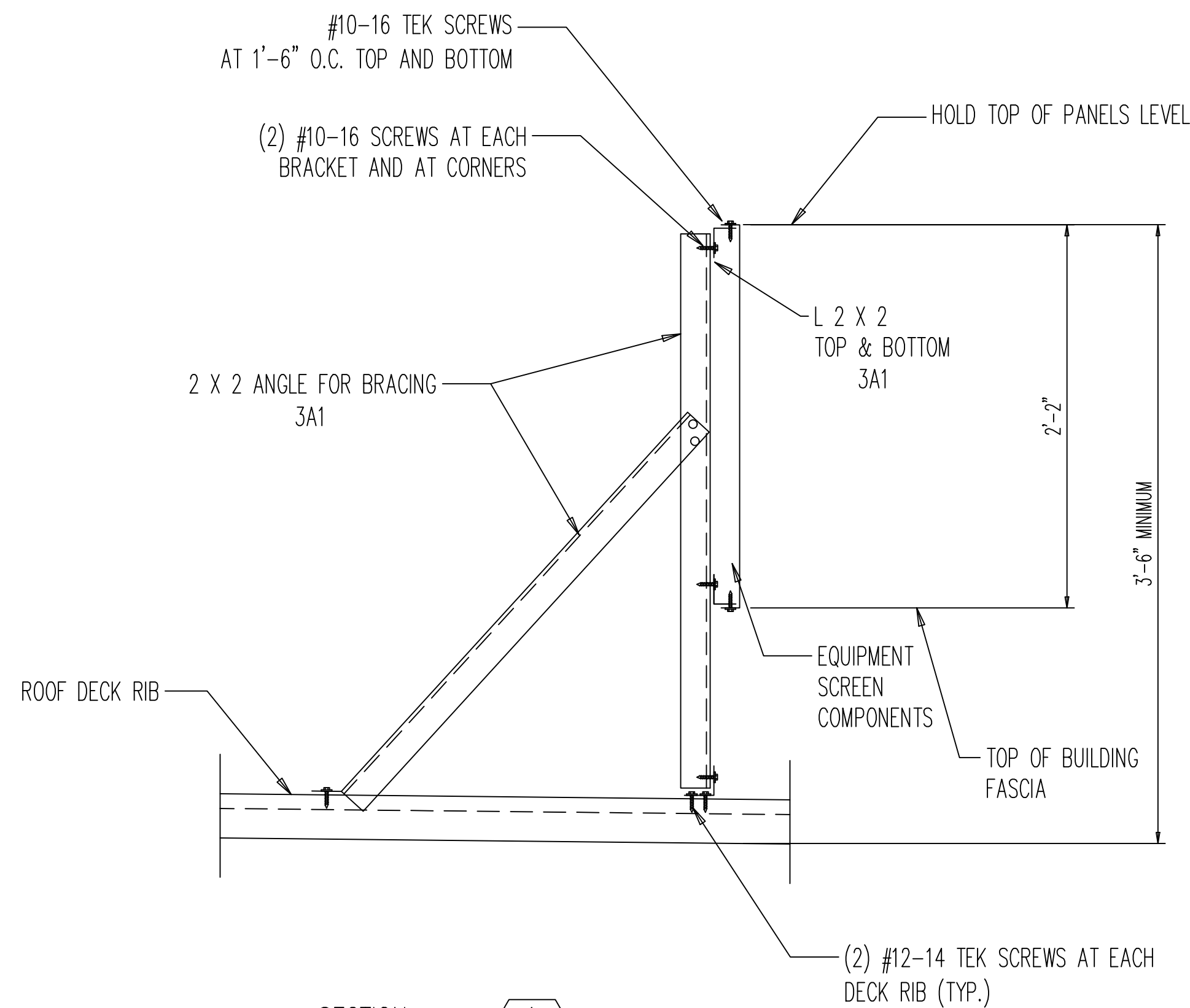
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SP–1

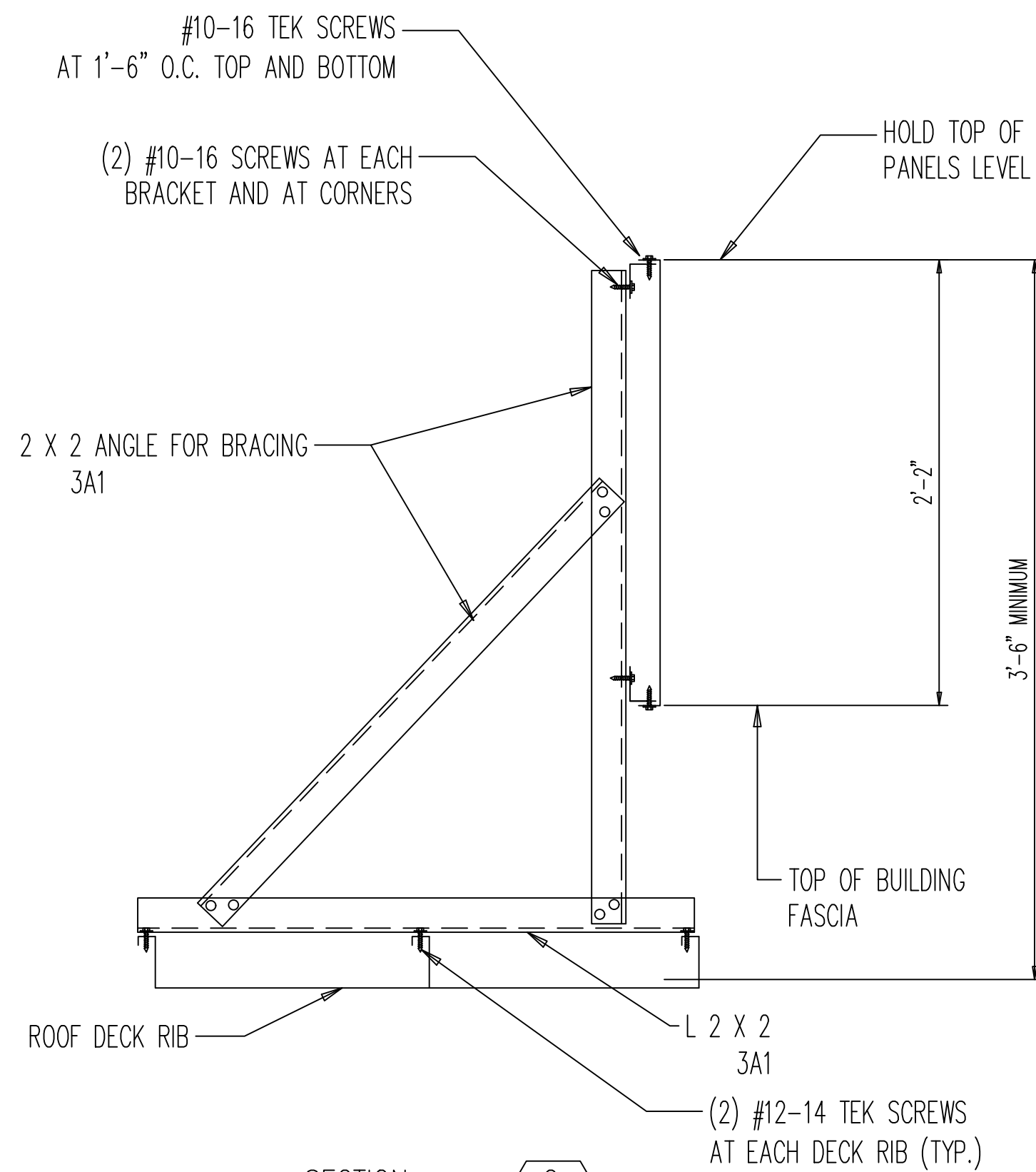




EQUIPMENT SCREEN PLAN



SECTION 1 ES-1



SECTION 2 ES-1

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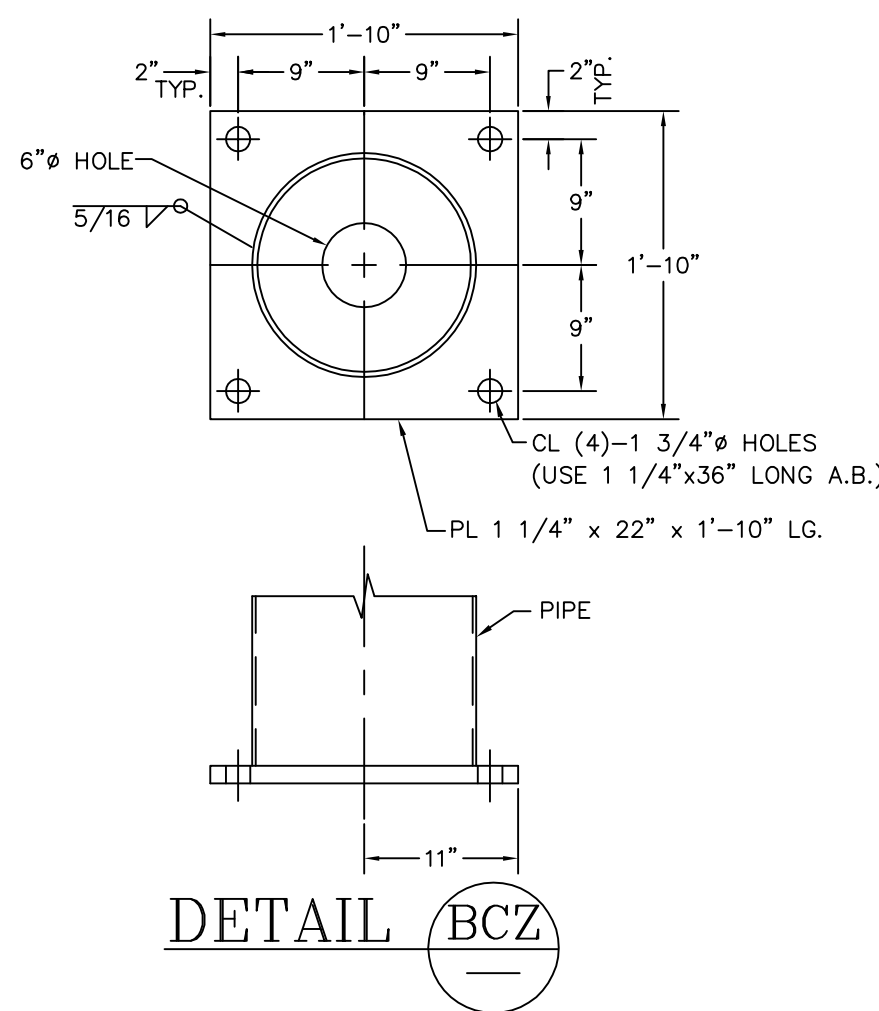
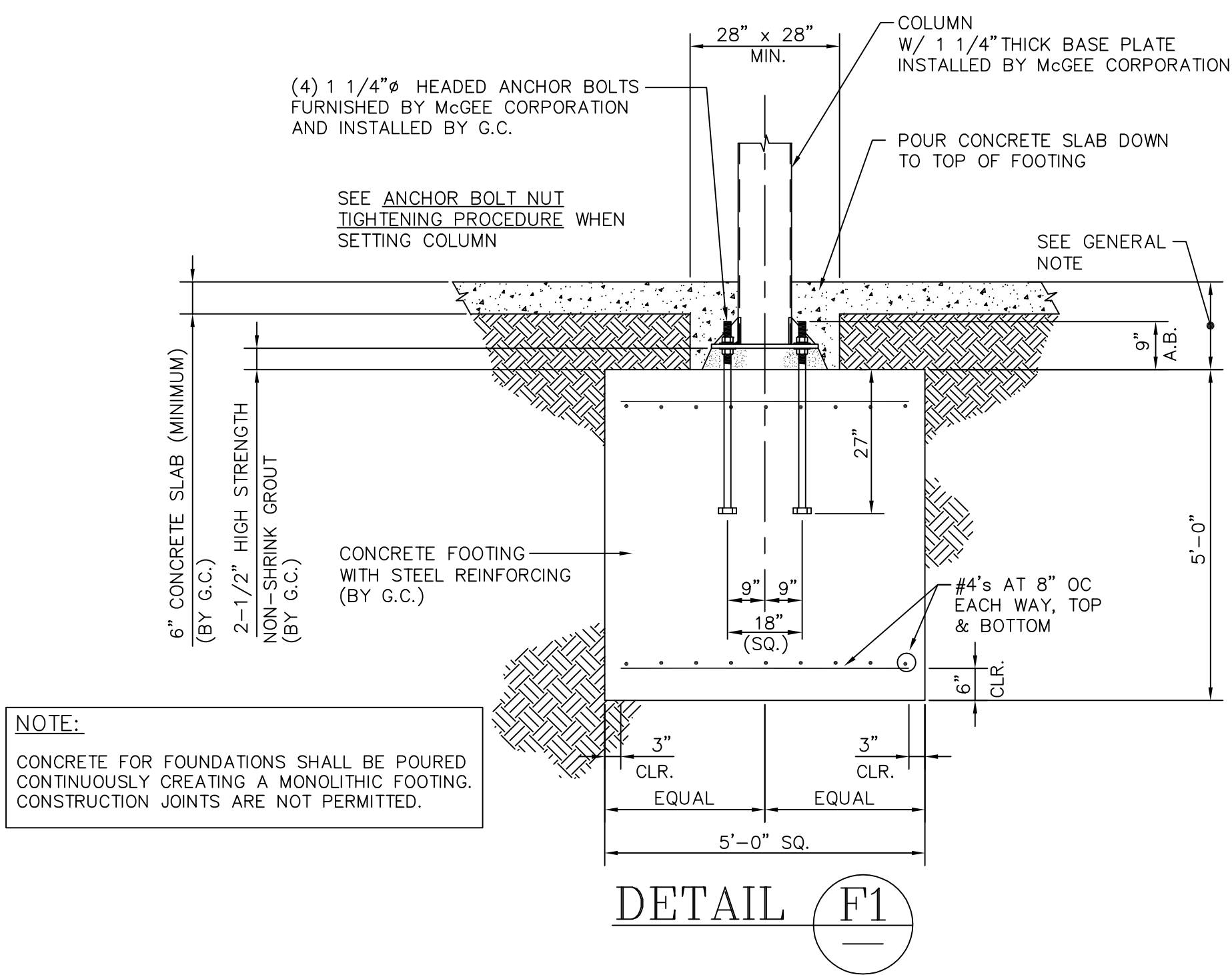
AARON R LANDRUM, PE  
1201 East 3rd Street  
Tulsa, OK 74120  
918.518.1124

REVISIONS		DATE	BY	DESCRIPTION
REV				

Ventaire, LLC  
Sagebrush BUILDING SYSTEMS  
VFS  
909 N. WHEELING AVE. TULSA, OK 74110  
1631 E. FRONT ST. LOGAN OH. 43138

KROGER COMPANY	
8'-0" X 21'-7" MODULAR KIOSK EQUIPMENT SCREEN	
PROJECT ADDRESS KROGER A-765- 601 WOODMAN DR. - RIVERSIDE, OH 45404	
QUOTE NO.:	22-0169
JOB NO.:	60441
DRAWN BY:	JH
DATE:	03/16/22
SCALE:	1"=1'-0"
SYSTEM I.D. NO.:	KC 8 X 21
SHEET	1 OF 1
DWG. NO.	ES-1





<p>1) CANOPY FOUNDATION INSTALLATION CONTRACTOR SHALL DETERMINE WHICH FINISHED GRADE ELEVATION AT EACH CANOPY COLUMN IS THE LOWEST AND ELEVATE ALL FOUNDATION LOCATIONS IN RELATION TO THAT ELEVATION. CONTRACTOR MUST VERIFY FUEL CONTAINMENT BOX SIZE AND LOCATION TO ENSURE FOUNDATION DOES NOT INTERFERE WITH BOX INSTALLATION. TOP OF FOUNDATION DEPTH MAY BE GREATER THAN BUT NOT LESS THAN "12" BELOW THE PREVIOUSLY DETERMINED LOWEST FINISHED GRADE ELEVATION</p> <p>2) MINIMUM REQUIRED SOIL BEARING PRESSURE OF 2,000 PSF SHALL BE PROVIDED BY THE OWNER.</p> <p>3) FOUNDATIONS (WHERE SHOWN) HAVE BEEN SIZED FOR GIVEN LOADS AND ALLOWABLE SOIL PRESSURE. THEIR DESIGN ASSUMES THAT THERE ARE NO BURIED TANKS OR OTHER NEARBY OBSTRUCTIONS THAT WOULD BE DETRIMENTAL TO THEIR PROPER FUNCTION. THE ENGINEER OF RECORD SHALL BE NOTIFIED PRIOR TO CONSTRUCTION OF FOUNDATIONS FOR THE RESOLUTION OF ANY CONFLICT. WHERE A FOUNDATION DETAIL IS NOT SHOWN, MCGEE CORPORATION AND THEIR ENGINEERS TAKE NO RESPONSIBILITY FOR FOUNDATION DESIGN.</p> <p>4) ASTM F1554 GRADE 36 ANCHOR BOLTS &amp; WOOD TEMPLATES SHALL BE FURNISHED BY MCGEE CORP.</p> <p>5) ALL CONCRETE WORK SHALL BE PERFORMED IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE (ACI): "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318-14) "SPECIFICATIONS FOR STRUCTURAL CONCRETE" (ACI 301-14) "HOT WEATHER CONCRETING" (ACI 305R) "COLD WEATHER CONCRETING" (ACI 306R, ACI 306.1)</p> <p>6) ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 3000 PSI AND A MINIMUM UNIT WEIGHT OF 145 PCF. REINFORCING STEEL SHALL BE NEW BILLET STEEL DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60.</p> <p>7) STRUCTURAL STEEL SHALL CONFORM TO Wide Flange Beams-ASTM A992, Grade 50, Fy = 50 KSI Angle and Channel - ASTM A36, Fy = 36 KSI Plate - ASTM A36, Fy = 36 KSI HSS - ASTM A500 SHAPED, Grade C, Fy = 50 KSI ASTM A500 ROUND, Grade C, Fy = 46 KSI</p>	<p>8) ALL WELDED CONNECTIONS SHALL BE MADE IN ACCORDANCE WITH LATEST AWS SPECIFICATIONS, USING E70XX ELECTRODES. ALL WELDING SHALL BE PERFORMED BY AN AWS CERTIFIED WELDER.</p> <p>9) BOLTS SHALL CONFORM TO ASTM A325-N FOR STRUCTURAL STEEL BEARING AND TENSION CONNECTIONS. "SNUG TIGHT" BOLTS PER AISC &amp; RSCC SPECIFICATIONS.</p> <p>10) ERECTION OF STEEL STRUCTURE SHALL BE PERFORMED PER ALL AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) ERECTION PROVISIONS.</p> <p>11) STRUCTURAL AND MISCELLANEOUS STEEL SUBJECTED TO EXTERIOR EXPOSURE HAS BEEN PRIME COATED ONLY. FIELD TOUCH-UP, FINISH PAINTING AND MAINTENANCE ARE THE RESPONSIBILITY OF THE OWNER.</p> <p>12) LIGHT GAUGE COLD FORMED SHAPES SHALL CONFORM TO ASTM A653 AND ASTM C-955. ALL MEMBERS SHALL BE FORMED FROM MATERIAL HAVING A 50 KSI MINIMUM YIELD STRENGTH.</p> <p>Governing Codes = 2017 CBC (2015 IBC) AND ASCE 7-10</p> <p>Roof Live Load = 20 PSF Roof Snow Load = 40.8 PSF (Flat Roof &amp; Drifting) Roof Snow Design: Ground Snow Load-Pg = 20 PSF Flat roof Snow Load-Pf = 21.8 PSF Exposure Factor-Ce = 1.0 Importance Factor-I = 1.0 Thermal Factor-Ct = 1.2</p> <p>Wind Design: Risk Category - II Ultimate Design Wind Speed - Vult = 115 MPH Exposure Category - "C" Internal Pressure Coefficient - GcPi = 0.00</p> <p>Earthquake Design: Risk Category - II Importance Factor - I = 1.0 Site Class - D Spectral Response Coefficients - Ss = 0.153 g Fa = 0.16 g Sds = 0.164 g SI = 0.072 g F0.2 = 2.4 Sd1 = 0.115 g Seismic Design Category - B Basic Seismic - Force - Resisting System Steel Ordinary Cantilever Column System Response Modification Coefficient - R = 1 1/4 System Overstrength Factor - Om = 1 1/4 Deflection Amplification Factor - Cd = 1 1/4 Analysis - Equivalent Lateral Force Procedure Seismic Response Coefficient (Cs) = 0.1306 Seismic Base Shear (V) = 0.151k</p>
--	--

202 EAST FRANKLIN STREET, SUITE A  
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FOUNDATION PLAN	SHEET NO. 1
-----------------	----------------

SHEET NO. 1

COLUMN NO.	FINISH GRADE	TOP OF FOOTING
<u>C-1</u>	F.G. = 818.15	T.O.F. = 815.46
<u>C-2</u>	F.G. = 818.43	T.O.F. = 815.46
<u>C-3</u>	F.G. = 818.31	T.O.F. = 815.46
<u>C-4</u>	F.G. = 818.70	T.O.F. = 815.46
<u>C-5</u>	F.G. = 817.96	T.O.F. = 815.46
<u>C-6</u>	F.G. = 818.30	T.O.F. = 815.46

- 1.) PROVIDE A DRIVE ACCESSIBLE AREA TO WITHIN 15'-0" FROM THE EDGE OF CANOPY FASCIA IN ORDER TO UNLOAD MATERIALS AND PERFORM WORK.
- 2.) FILL ALL OPEN TANK HOLES AND TRENCHES WITHIN 15'-0" FROM THE EDGE OF CANOPY FASCIA FROM THE TIME THAT THE STRUCTURE ARRIVES AND UNTIL ERECTION IS COMPLETE.
- 3.) THE JOB SITE MUST BE GRADED LEVEL WITH NO SWELLS, DITCHES, OR TOPOGRAPHICAL IRREGULARITIES WITHIN 15'-0" FROM THE EDGE OF CANOPY FASCIA. ANY CONCRETE POURED PRIOR TO McGEES' ARRIVAL MUST HAVE HAD AMPLE TIME TO CURE AND BE ABLE TO SUPPORT THE WEIGHT OF McGEES' TRAILERS AND CRANES.
- 4.) THE JOB SITE MUST BE DRY ENOUGH FOR McGEES' VEHICLES AND PERSONNEL TO PERFORM WORK. IF NECESSARY THE GENERAL CONTRACTOR SHOULD LAID GRAVEL IN EXCESSIVELY MUDDY AREAS TO ENSURE ADEQUATE WORK CONDITIONS.
- 5.) POURED CONCRETE PAVING UNDER THE CANOPY TO BE EXCLUSIVELY FOR WORK SPACE AND STORAGE OF MATERIALS.
- 6.) REMOVE ALL OVERHEAD OBSTRUCTIONS.
- 7.) FORM, SET, AND POUR FOUNDATIONS PER McGEES' SITE SPECIFIC APPROVED FOUNDATION PLAN. ALL FORMS SHALL BE REMOVED PRIOR TO McGEES' ARRIVAL. ALL TRENCHES SHALL BE FREE FROM DEBRIS AND DUST AND SHALL BE ACCESSIBLE.
- 8.) INSTALL ALL ANCHOR BOLTS W/ NUTS. SET AT PROPER ELEVATIONS WITH NO MORE THAN 1/4" TOLERANCE.
- 9.) PROVIDE TEMPORARY POWER SOURCE (110 VOLTS) WITHIN 100 FEET OF THE STRUCTURE FOR INSTALLERS USE.
- 10.) OBTAIN ALL REQUIRED PERMITS FROM LOCAL AUTHORITIES AND ARRANGE ALL LOCAL INSPECTIONS.
- 11.) VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. ANY DEVIATIONS FROM THESE DRAWINGS DUE TO FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER FOR MODIFICATIONS.

PLEASE REVIEW ALL DRAWINGS, SIGN AND  
RETURN FOR FABRICATION OF CANOPY

<b><u>CANOPY SIZE</u></b>	<input type="checkbox"/> APPROVED AS SUBMITTED
	<input type="checkbox"/> APPROVED WITH NOTED CHANGES
<b><u>COLUMN SPACING</u></b>	<input type="checkbox"/> APPROVED AS SUBMITTED
	<input type="checkbox"/> APPROVED WITH NOTED CHANGES
<b><u>CLEARANCE</u></b>	<input type="checkbox"/> APPROVED AS SUBMITTED
	<input type="checkbox"/> APPROVED WITH NOTED CHANGES
<b><u>SIGNAGE</u></b>	<input type="checkbox"/> NUMBER APPROVED AS SUBMITTED
	<input type="checkbox"/> LAYOUT APPROVED AS SUBMITTED
	<input type="checkbox"/> APPROVED WITH NOTED CHANGES
<b><u>DECALS</u></b>	<input type="checkbox"/> APPROVED AS SUBMITTED
	<input type="checkbox"/> APPROVED WITH NOTED CHANGES
<b><u>LIGHTS</u></b>	<input type="checkbox"/> NUMBER APPROVED AS SUBMITTED
	<input type="checkbox"/> LAYOUT APPROVED AS SUBMITTED
	<input type="checkbox"/> APPROVED WITH NOTED CHANGES

ELEVATION FORMS FORWARDED TO GENERAL CONTRACTOR ☐

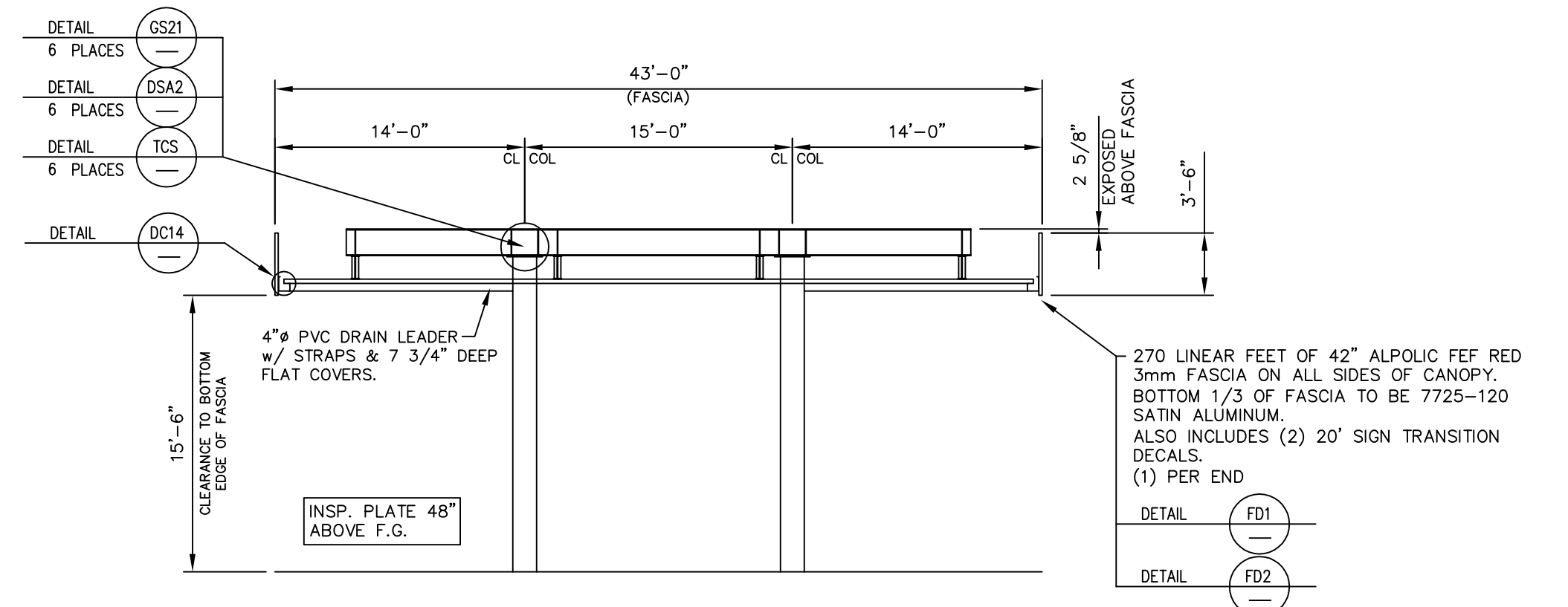
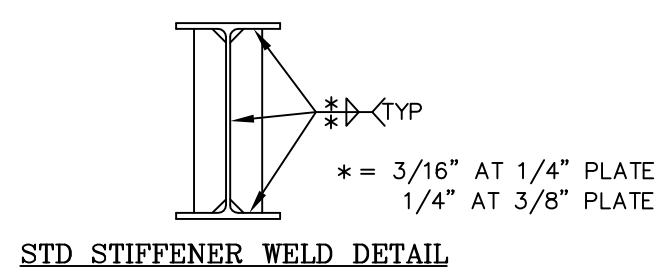
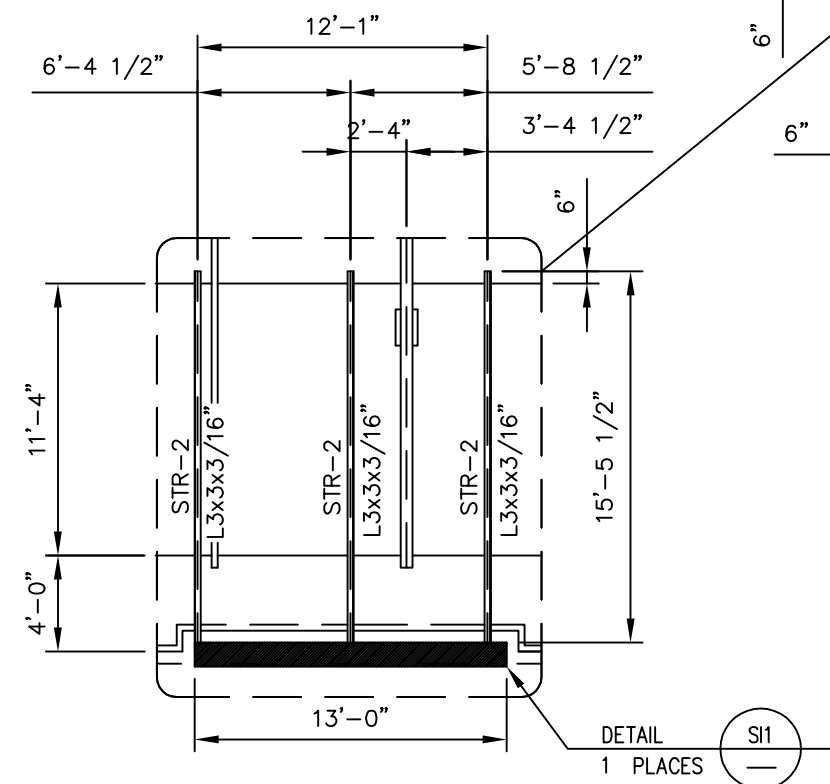
APPROVED BY: \_\_\_\_\_

NOTE: SIGNED SALES ORDER, APPROVAL DRAWINGS, AND A COMPLETED ELEVATION FORM MUST BE RECEIVED AT LEAST 3 WEEKS PRIOR TO DELIVERY OF ANY CANOPY MATERIALS.

REQUESTED DELIVERY DATE: \_\_\_\_\_

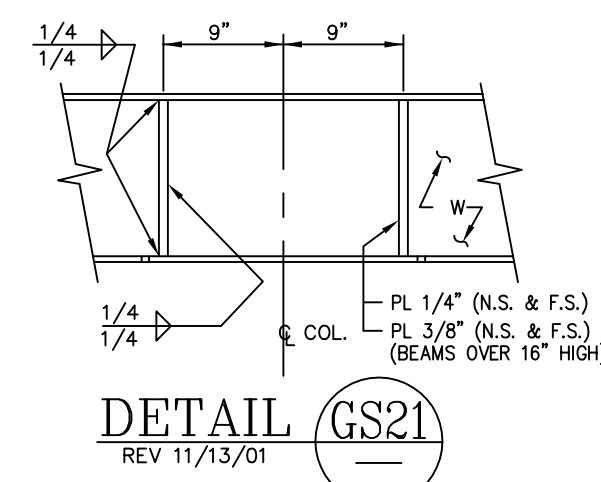
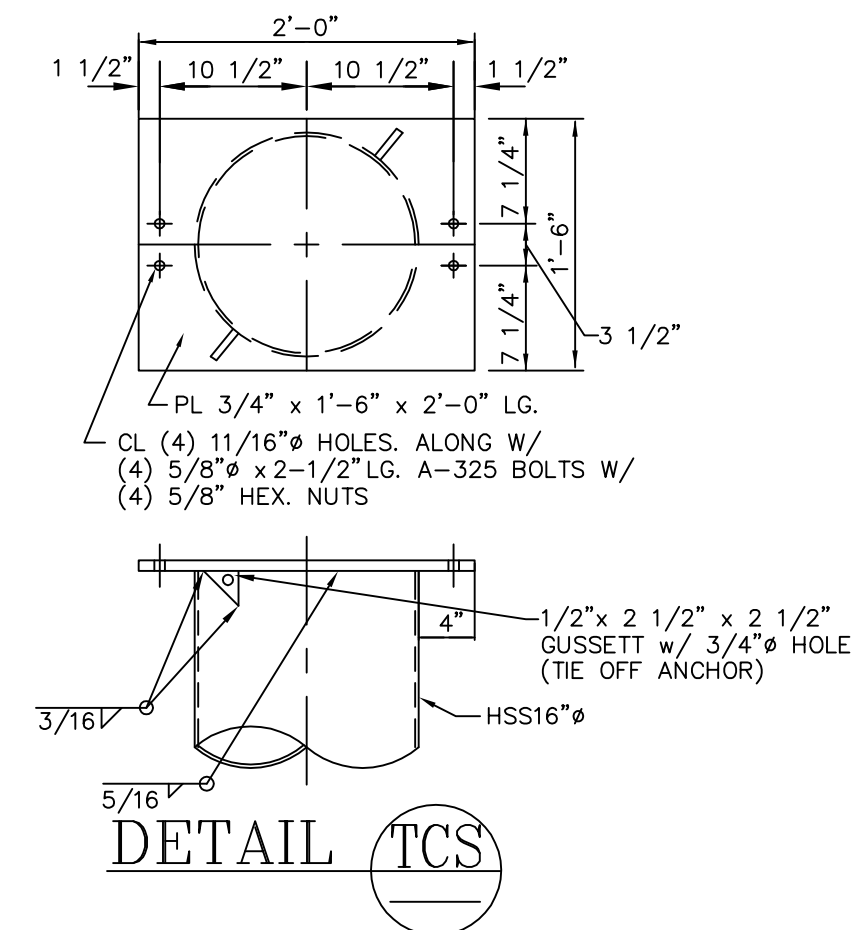
CAD FILE NO./PLOT SCALE
1/8"=1'-0"
61509





CANOPY TO HAVE BELOW GROUND DRAINAGE SYSTEM with  
4"  $\phi$  PVC INTERNAL DRAINS. SEE ROOF PLAN FOR DIRECTIONS.

### MAIN FRAME DETAIL



ANCHOR BOLT SHIPPING REQUIREMENTS							
ANCHOR BOLT USE		BOLT DESCRIPTION			QUANTITY		
BC2-BASE PLATE (6 PLACES)		1-1/4" x 36" LONG HEX HEAD ANCHOR BOLT			24		
HARDWARE LIST BREAK-DOWN (REFERENCE ONLY)							
ITEM USE (# OF PLACES FOR CHECKING ONLY)		DESCRIPTION			QUANTITY		
TCS-TOP PLATE (3 PLACES)		5/8" x 2-1/2" BOLTS w/ NUTS			24		
WP2-BEAM SPLICE (4 PLACES)		5/8" x 2-1/2" BOLTS w/ NUTS			24		
WP2-BEAM SPLICE (4 PLACES)		6x10x1/4" PLATE			4		
PH20-CONNECTION (12 PLACES)		5/8" x 2-1/2" BOLTS w/ NUTS			48		
AP1-CONNECTION (24 PLACES)		5/8" x 2-1/2" BOLTS w/ NUTS			24		
SI1-CONNECTION (1 PLACES)		5/8" x 2-1/2" BOLTS w/ NUTS			15		
CANOPY SHIPPING STEEL HARDWARE MANIFEST							
QUANTITY	DESCRIPTION		QUANTITY SHIPPED	PULLED BY	CHECKED BY	TRAILER #	LOADED BY
135	5/8" x 2-1/2" BOLTS w/ NUTS						
4	(WP2) 6x10x1/4" PLATE						

CANOPY SHIPPING MANIFEST		TOP PLATE	BASE PLATE	PLATE DRAINS	W/S & CONDUIT	VENT
3	MF-1 W18x40 (35'-0")					
2	PUR-1 W16x26 (45'-11 7/8")					
2	PUR-2 W16x26 (45'-11 7/8")					
4	PUR-3 W16x26 (44'-11 7/8")					
6	STR-1 L3x3x3/16" (35'-0")					
3	STR-2 L3x3x3/16" (15'-5 1/2")					
1	L3x3 SIGN FRAMES					
6	COL 1 thru 6 HSS 16x0.250					
48	SIDE OUTRIGGERS @ 48" O.C.					
24	END OUTRIGGERS @ 48" O.C.					
1-LOT	HARDWARE					

ERECTION NOTES:

REVIEW PLANS & DETAILS PRIOR TO INSTALLATION.

INSTALL BEAMS ACCORDING TO MARKED END #5 ON ROOF PLAN.

BEAM OVERHANG IS 4" LONGER ON RIGHT HAND END OF CANOPY.  
IF APPLICABLE, SAME APPLIES FOR BEAM OVERHANG AT TEE.  
THIS IS TO ALLOW FOR DECK PANEL GROWTH.

INSTALL DECK PANELS FROM LEFT TO RIGHT ON MAIN CANOPY , IF  
APPLICABLE SAME APPLIES FOR TEE.

SEE ROOF PLAN FOR PROPER SLOPE AND HOW SLOPE IS ACQUIRED.

SEE FASCIA DETAILS WHICH ALSO REFERS BACK TO GENERAL NOTES  
FOR OUTRIGGER SPACINGS.

\*BP FASCIA ONLY\* START FASCIA AT LEFT END - SEE DIMENSION  
FOR LOCATION OF FIRST 24 PANEL.

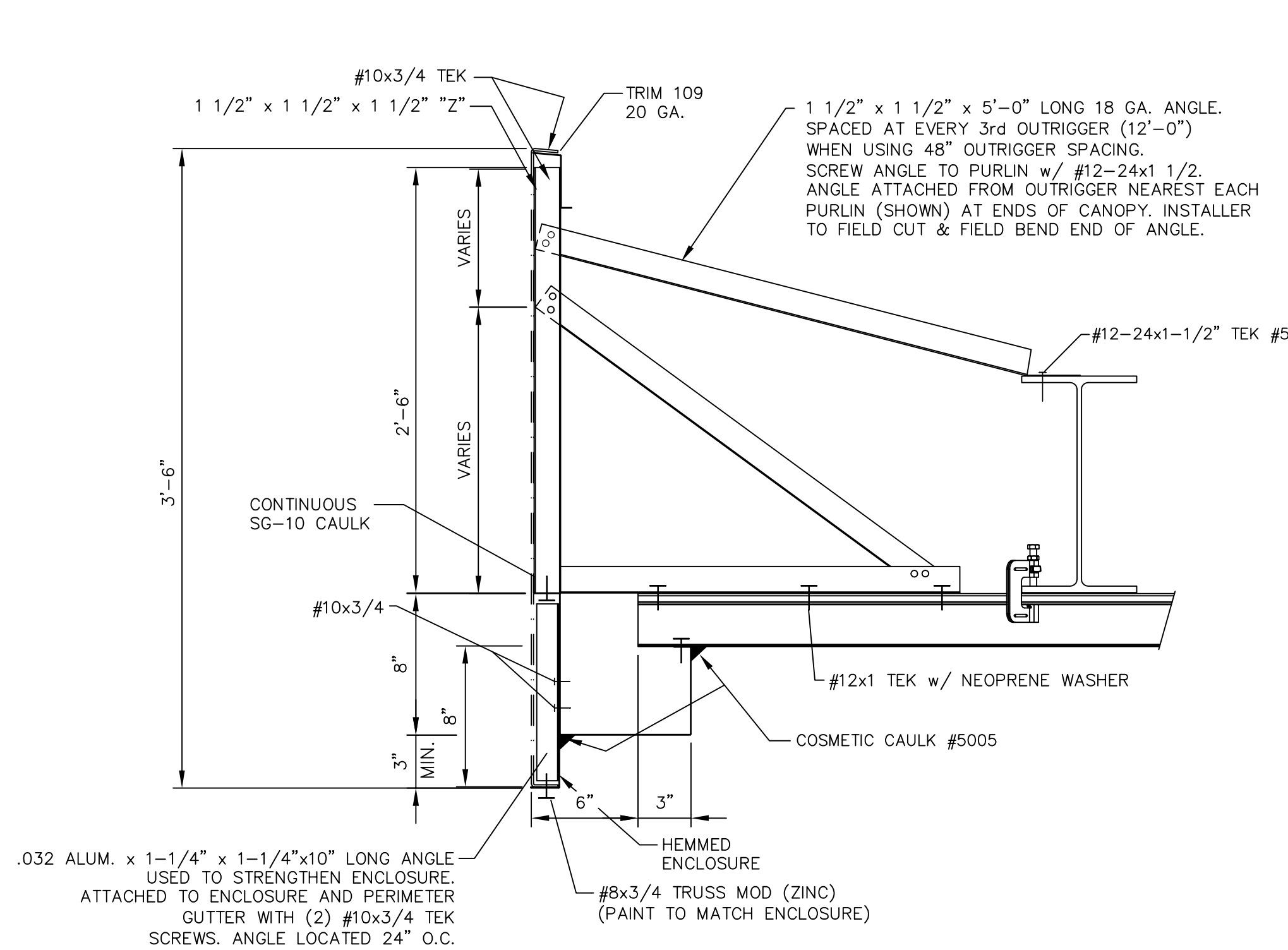
<div><div><div>McGEE</div><div>CORPORATION</div></div><div>12701 East Independence Blvd. P.O. Box 1375 Mathews, NC 28106-1375 Phone: (704) 882-1500 Facts: (800) 526-5589</div></div> <div>These prints are the property of McGee Corp. Reproduction reuse is prohibited without written permission.</div>	PR. JOB NO.	FINAL JOB NO. 61509	DRAWING NO. P061509A	<div><div>STATE OF OHIO</div><div><div><div><div><div></div></div></div><div>L. DEAN ARR JR.</div><div>E-70371</div></div></div><div>REGISTERED PROFESSIONAL ENGINEER</div><div>4/4/2022</div></div>	
	KROGER #A765 801 WOODMAN DRIVE RIVERSIDE, OH 45404 (MONTGOMERY)				
	SCALE: 1/8"=1'-0"	IN ACCORDANCE WITH REV. LETTER: _____			DRAWN BY: KW CHKD BY:
	DATE: 04/04/22				
METAL CANOPY 43'-0" x 91'-8"					
ROOF PLAN & DETAILS					
			SHEET NO. 2	OF. 4	

ARP ENGINEERING  
CONSULTING ENGINEERS

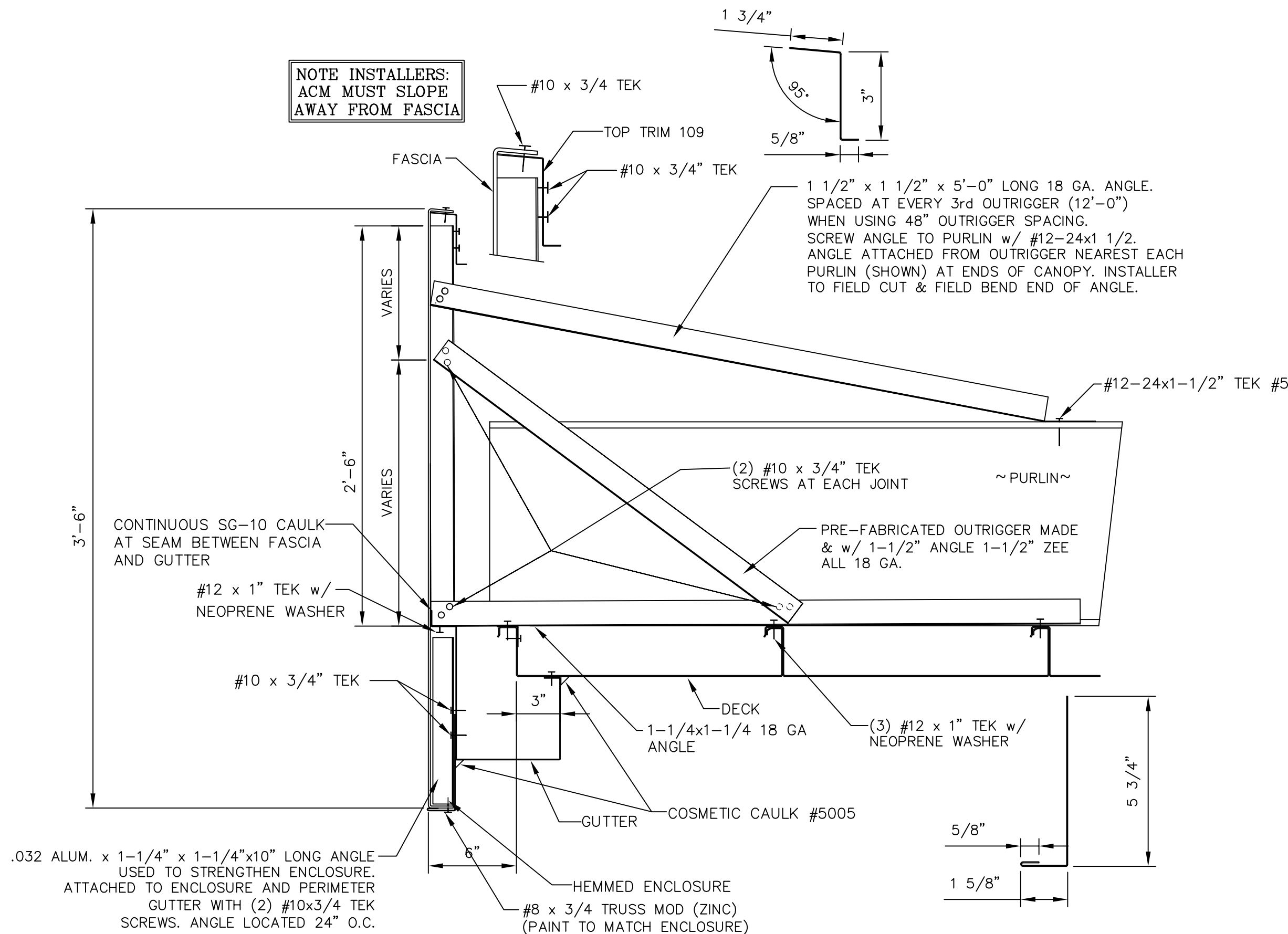
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CAD FILE NO./PLOT SCALE
1/8"=1'-0"
61509A

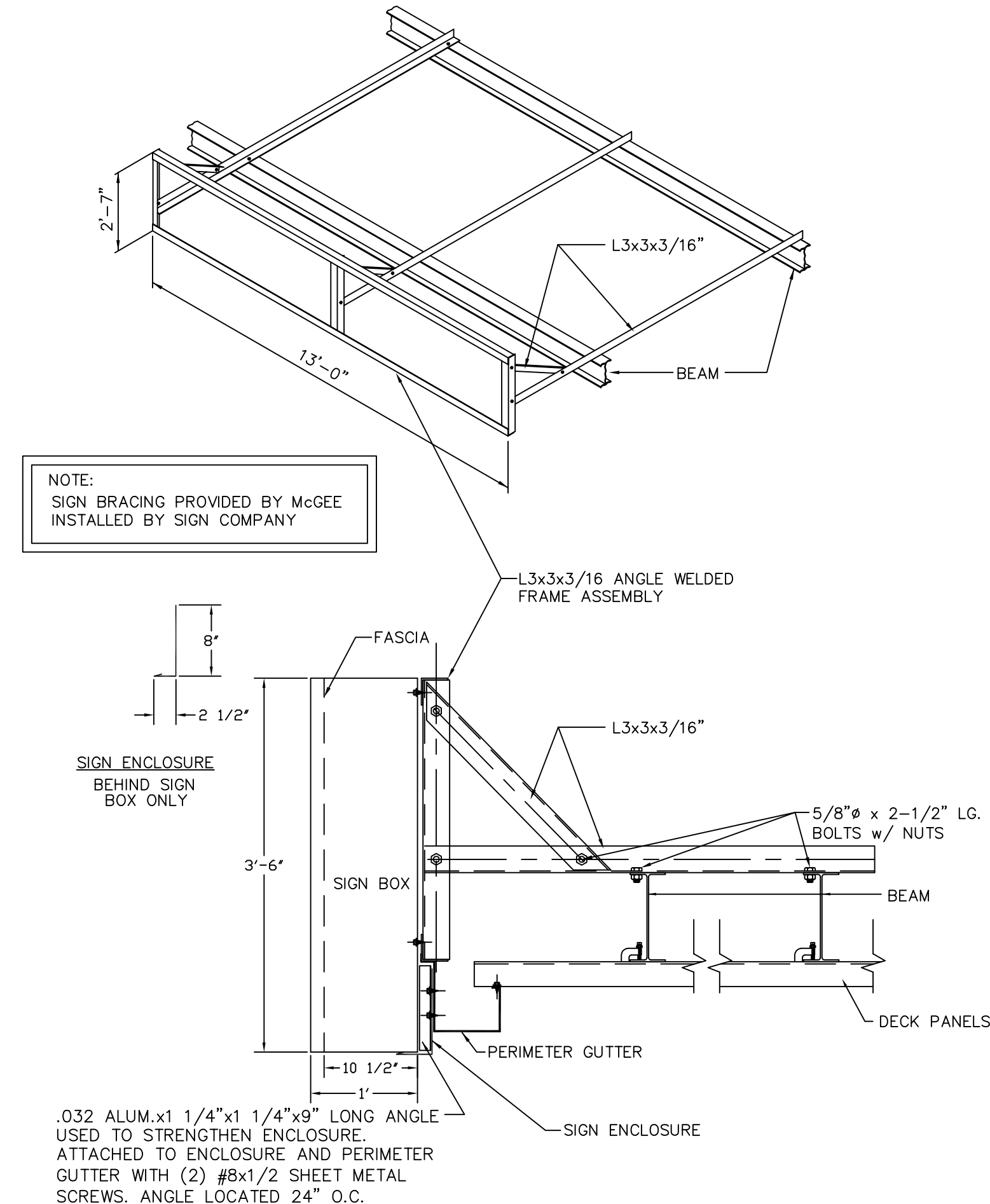




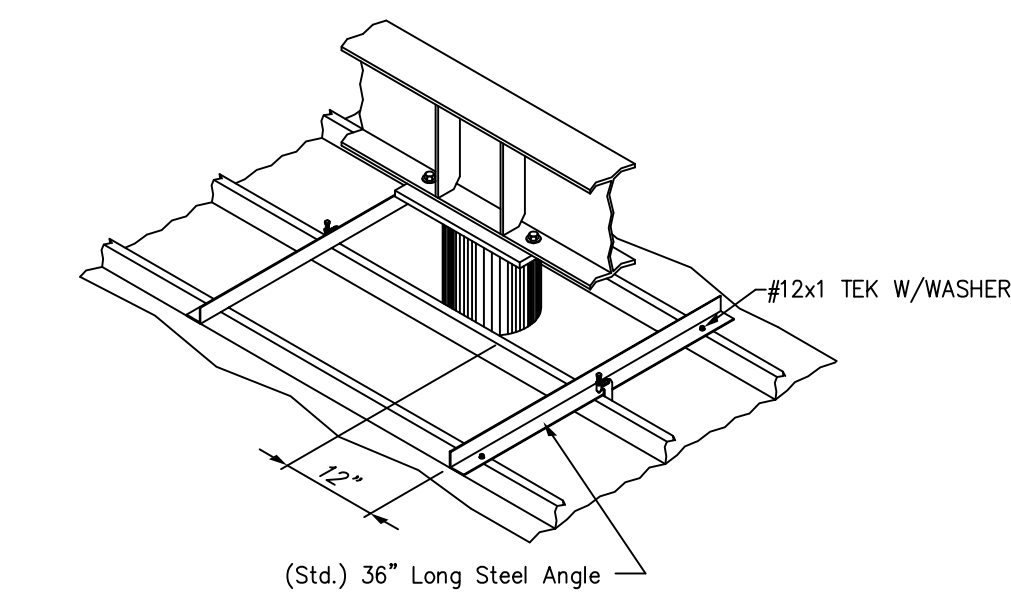
DETAIL FD1  
3/5/2019  
SIDE



DETAIL FD2  
3/12/2019  
END

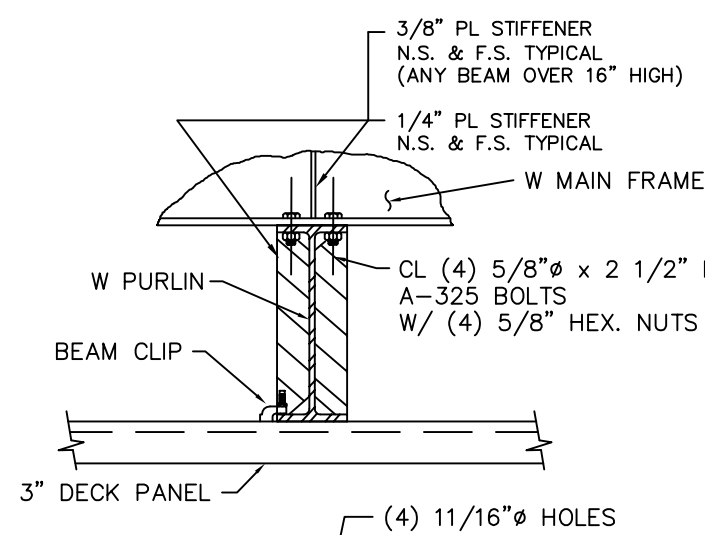


DETAIL SH  
NTS

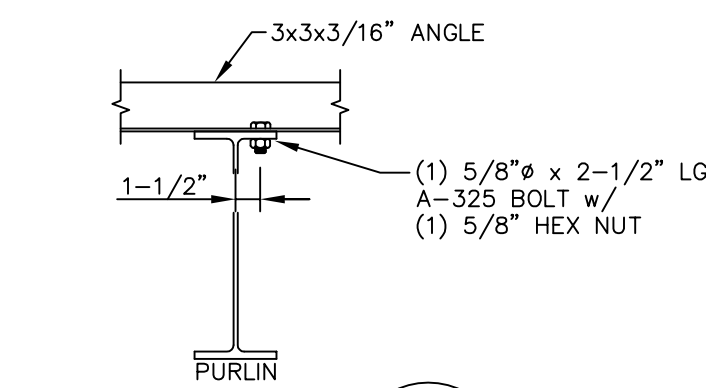


Step 1 Attach a support bracket on each side of the column to support the cut rib of deck. Keep bracket at least 12\"/>

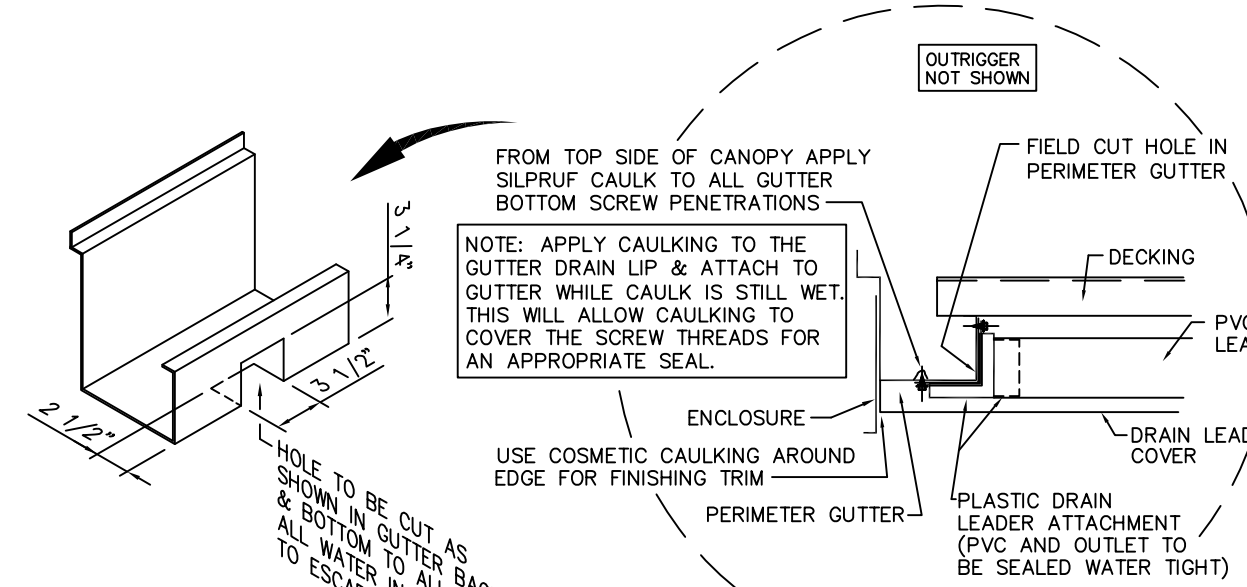
Step 2 Use McGee beam clip and TEK screws as shown to secure and support.



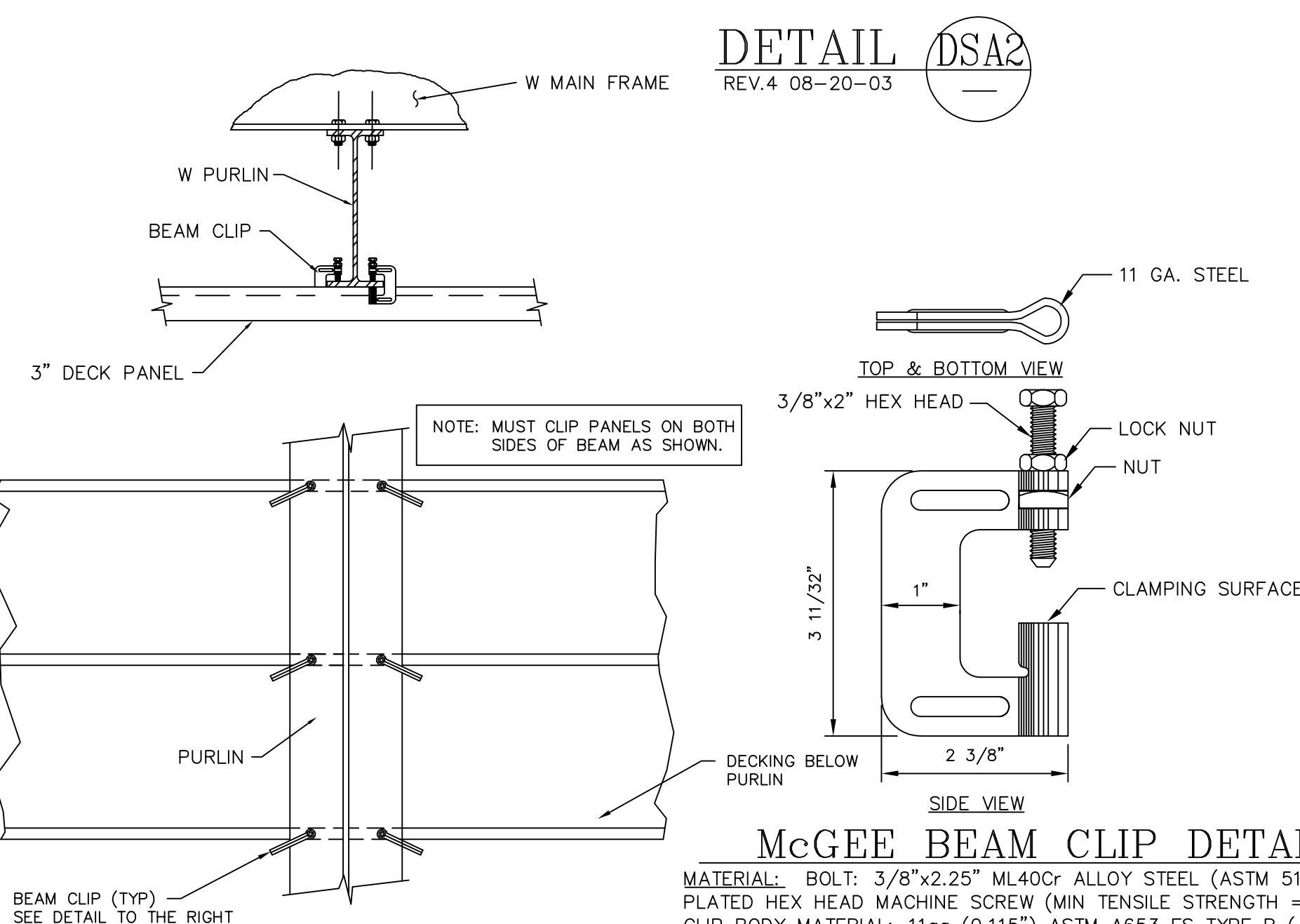
DETAIL PH20  
REV.6 05/14/96



DETAIL API



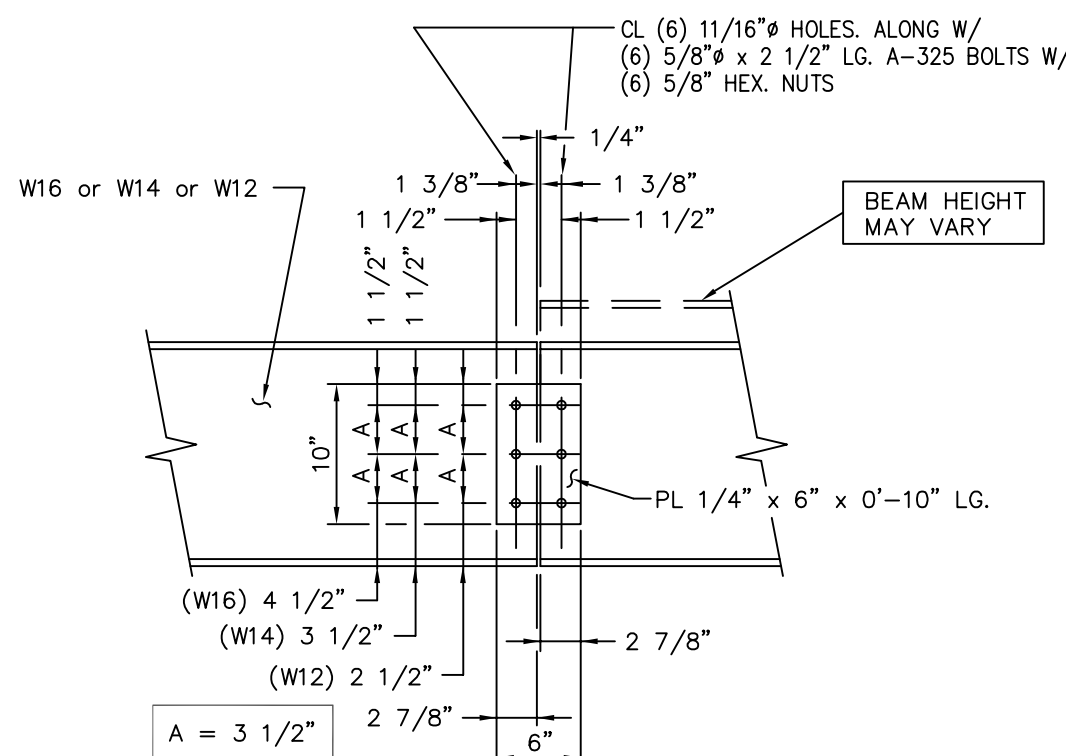
DETAIL DC14  
REV. 3-21-16



### McGEE BEAM CLIP DETAIL

MATERIAL: BOLT: 3/8"x2.25\"/>

McGEE BEAM CLIP INSTALLATION PROCEDURE: SET BEAM CLIP WITH BOLT ON TOP OF BEAM FLANGE AND CLAMPING SURFACE UNDER DECK RIB. PUSH CLIP AGAINST DECK AND BEAM FLANGE WITH BOLT AS FAR ONTO BEAM FLANGE AS POSSIBLE. WHILE KEEPING BEAM CLIP VERTICAL, TURN BOLT TO SNUG TIGHT WITHOUT BURROWING INTO STEEL BEAM FLANGE. THEN PROCEED TO TURN BOLT 3/4 TURN (270). TIGHTEN LOCK NUT MAKING SURE THAT BEAM CLIP REMAINS IN POSITION.



DETAIL WP2  
REV.4 11/09/00  
3-BOLTS

### PERIMETER GUTTER O'FLOW CUTOUT (SHOWN)

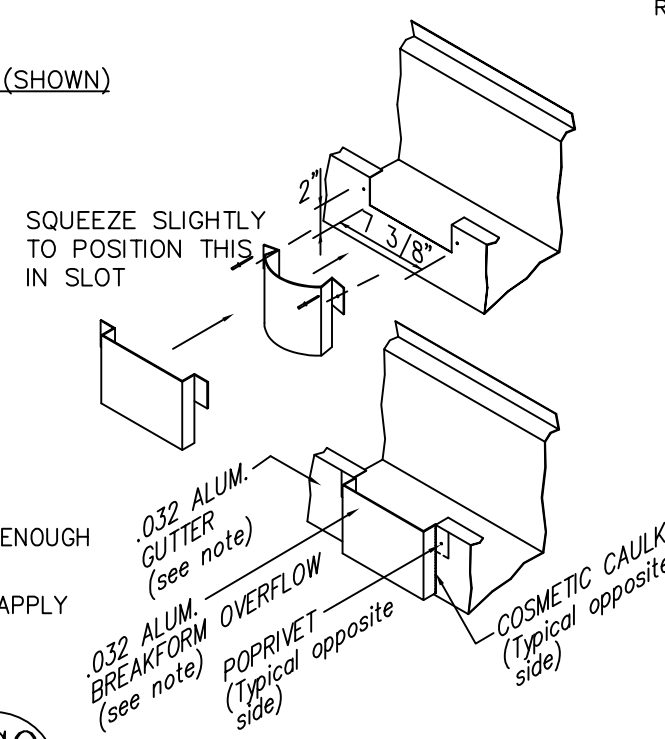
NOTCH 2"x 7 3/8\"/>

CENTER GUTTER O'FLOW CUTOUT  
NOTCH 2"x 7 3/8\"/>

### OVERFLOW INSTALLATION

INSERT (1) FLANGE AND BEND JUST ENOUGH TO GET OTHER SIDE IN.  
USE (1) POPRIVET EACH SIDE THEN APPLY COSMETIC CAULK AROUND EDGES.

DETAIL DC9  
REV. 1 03-26-02



ARP ENGINEERING  
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PO BOX 587 MONROE NC 28111  
(704) 225-0079

STATE OF OHIO  
L. DEAN ARP, JR.  
E-70371  
REGISTERED PROFESSIONAL ENGINEER  
4/4/2022

McGEE CORPORATION  
12701 East Independence Blvd., P.O. Box 1375  
Matthews, NC 28106-1375  
Phone: (704) 882-1500  
Watts: (800) 526-5589

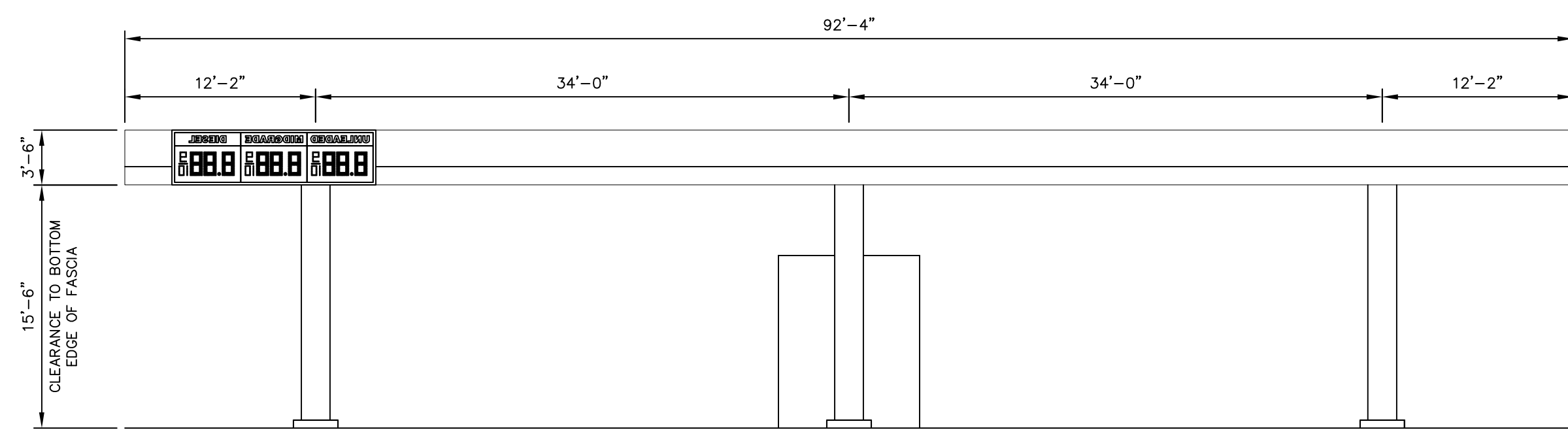
PR. JOB NO. 61509  
FINAL JOB NO. 61509  
DRAWING NO. P061509B  
KROGER #A765  
601 WOODMAN DRIVE  
RIVERSIDE, OH 45404 (MONTGOMERY)

SCALE: 1/8\"/>

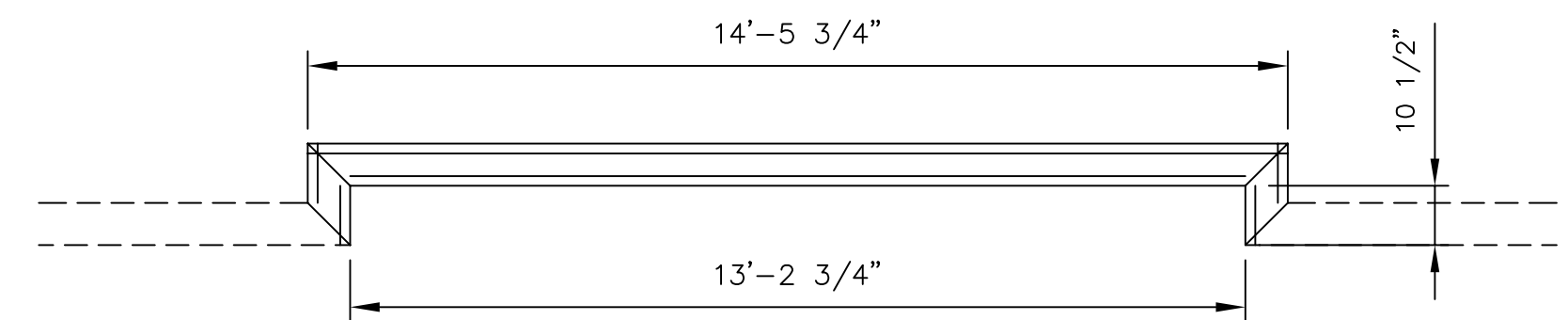
METAL CANOPY 43'-0\"/>

SHEET NO. 3 OF 4

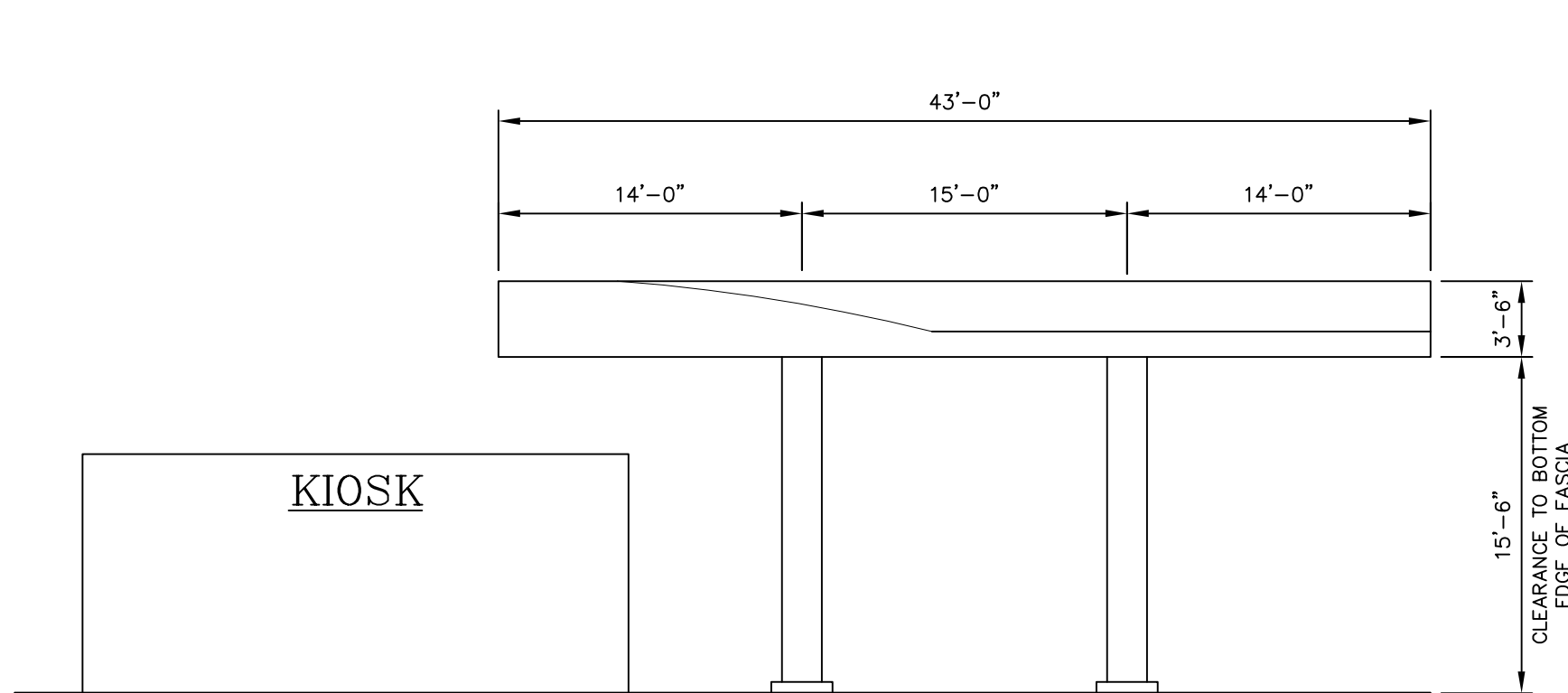




FRONT ELEVATION

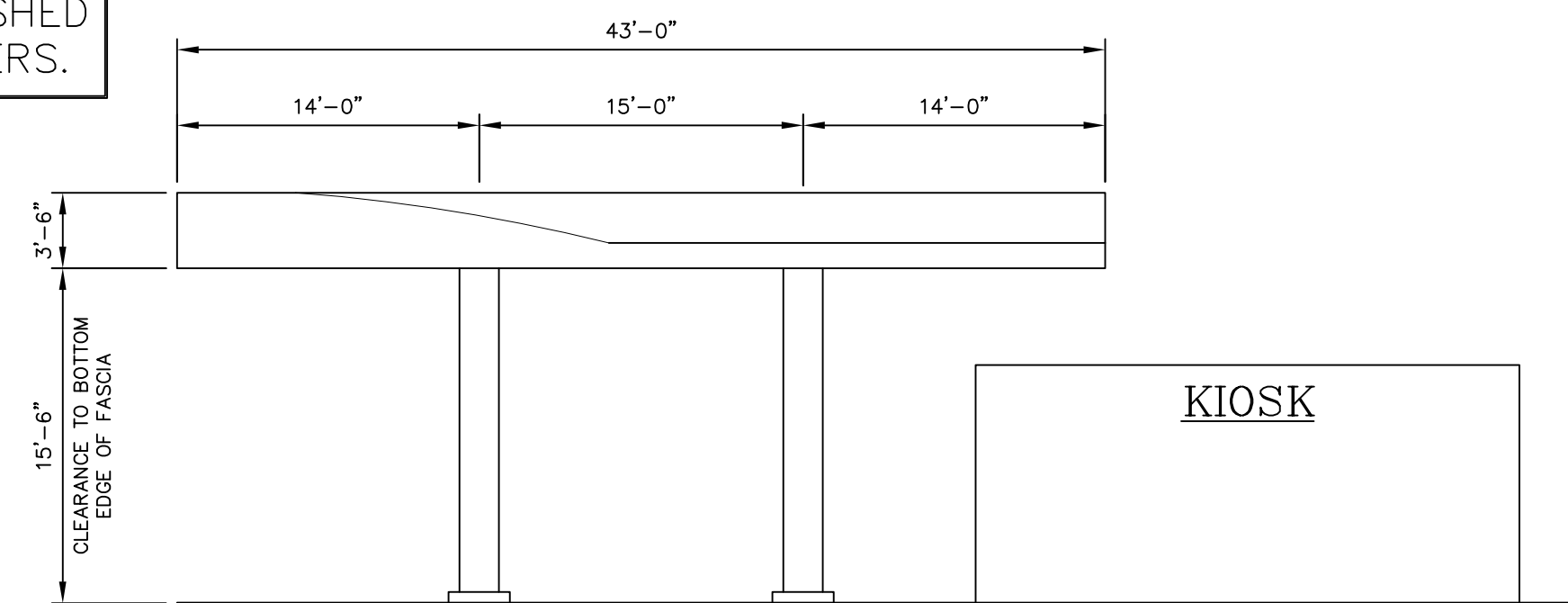


PRE-ASSEMBLED SIGN GUTTER (3 SIGNS)  
STANDARD PERIMETER GUTTER

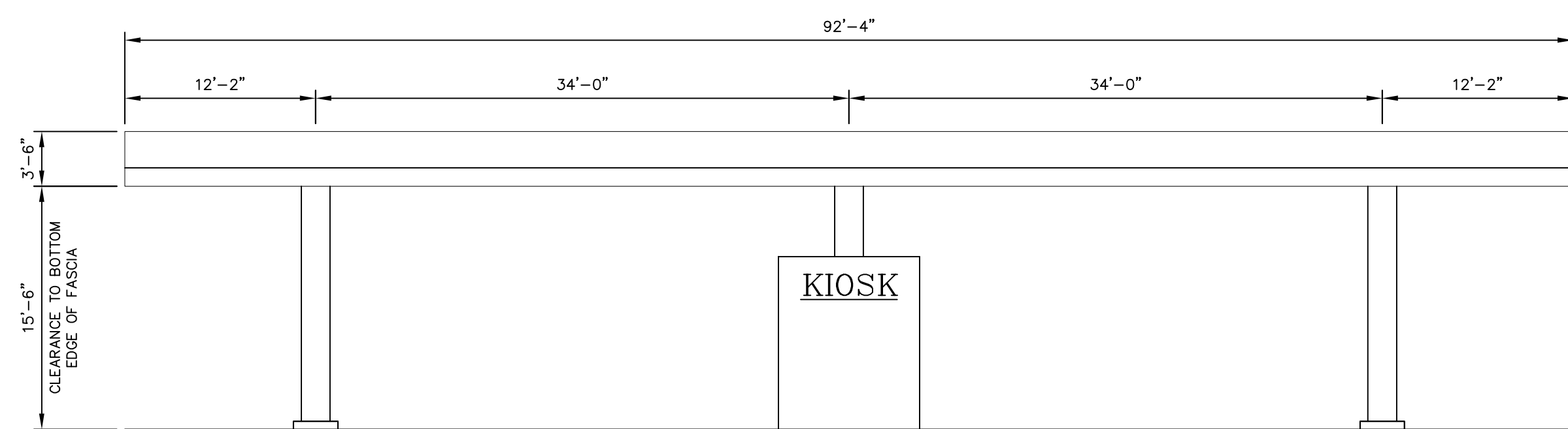


RIGHT ELEVATION

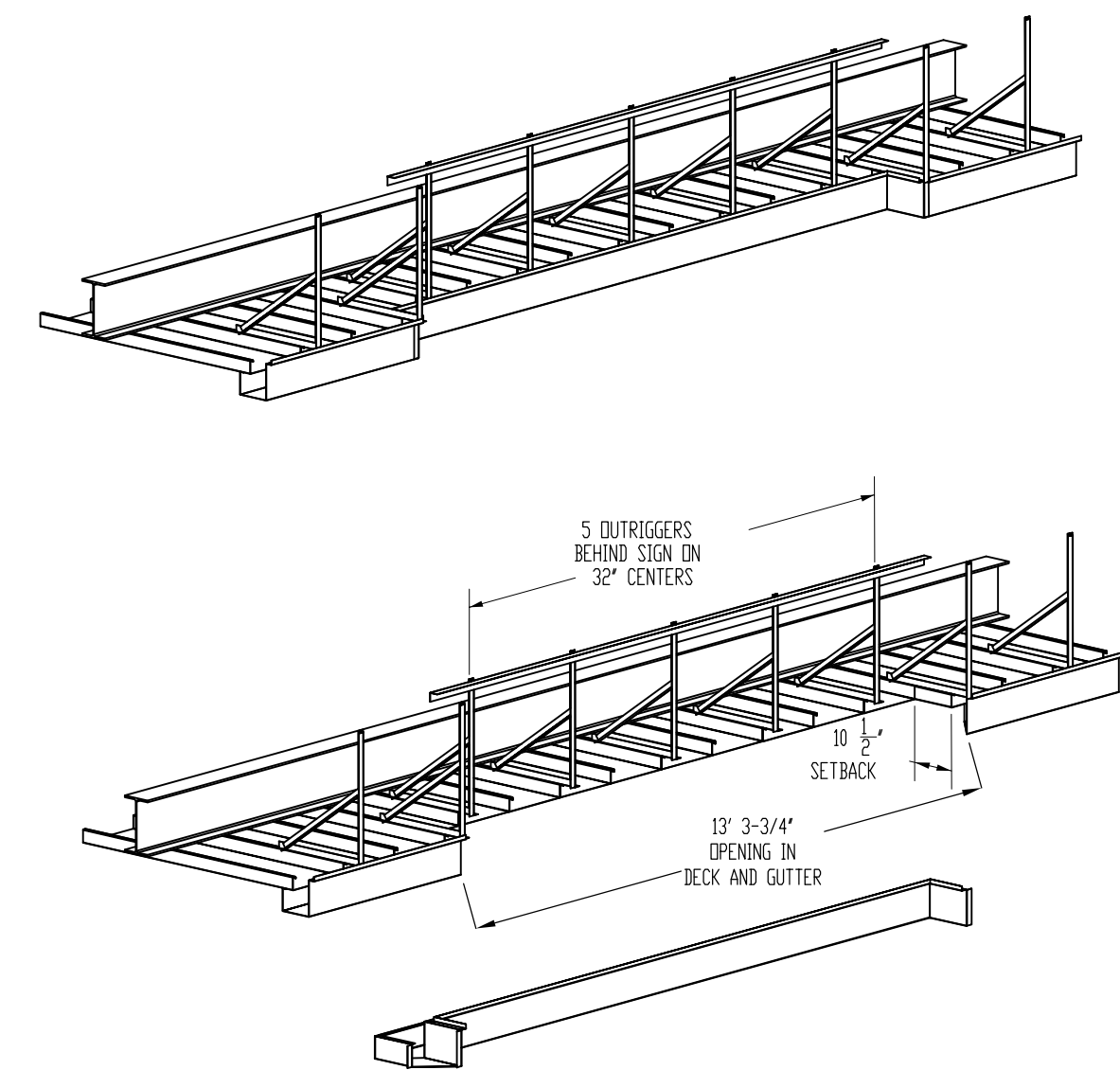
NOTE: KROGER, LOGO AND  
PRICE SIGNS ARE FURNISHED  
AND INSTALLED BY OTHERS.



LEFT ELEVATION

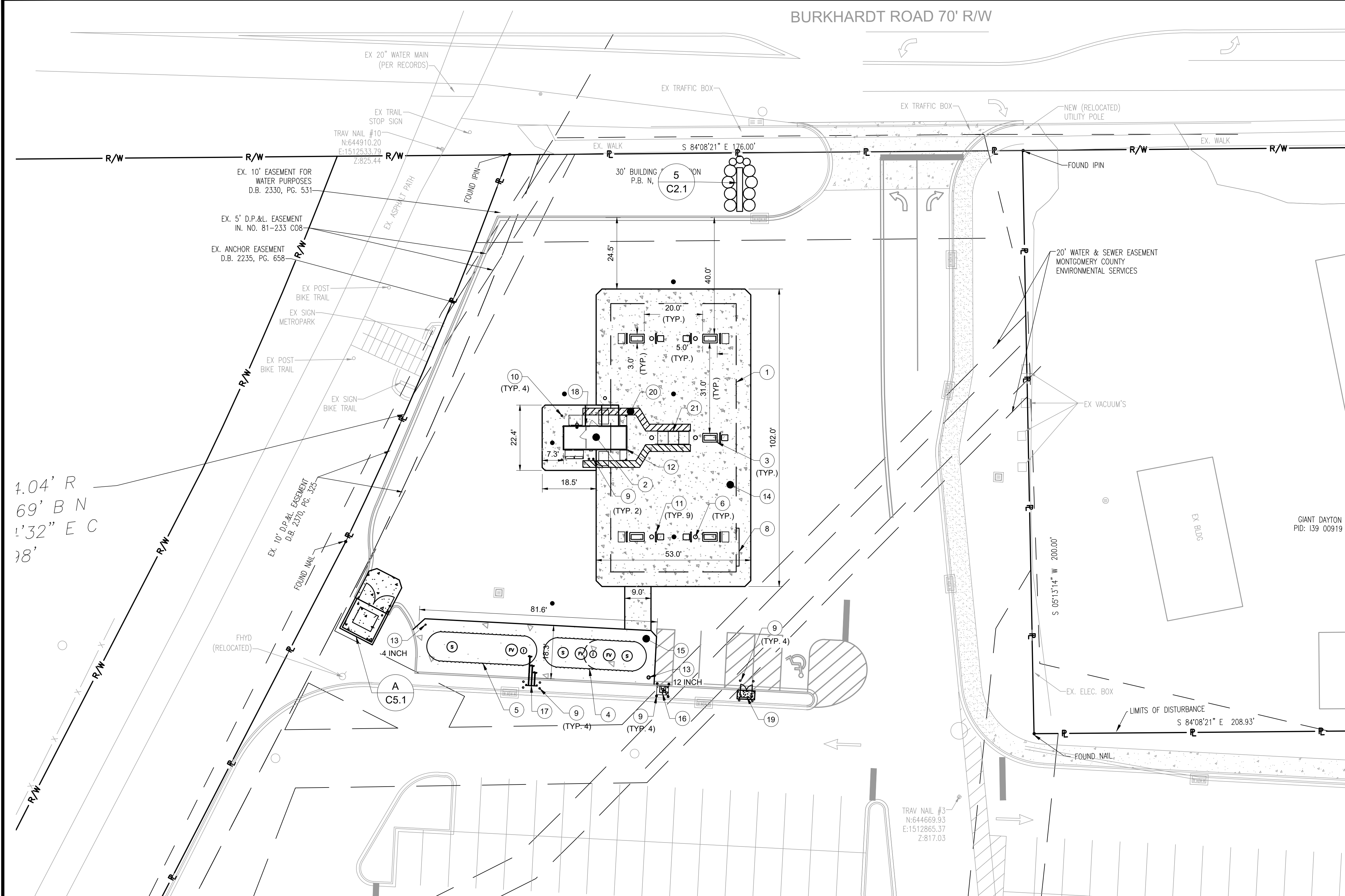


REAR ELEVATION



SIGN INLET DETAIL





PAVEMENT LEGEND	
DESCRIPTION	PROPOSED
HEAVY DUTY CONCRETE	
LIGHT DUTY CONCRETE	

SCHEDULE:

- 43'-0" X 92'-0" CANOPY (3,956 S.F.) FOR REFERENCE ONLY. RE: CANOPY PLANS FOR EXACT DIMENSIONS.
- 8'-0" X 21'-7" KIOSK (173 S.F.) FOR REFERENCE ONLY. RE: ARCH./KIOSK PLANS FOR EXACT LOCATION/DIMENSIONS.
- 3'-0" x 5'-0" DISPENSER ISLAND (TYP. 5.) FOR REFERENCE ONLY. RE: ARCH. PLANS FOR EXACT LOCATION.
- DOUBLE WALL UNDERGROUND STORAGE TANK. (1~18,000 GAL. DUAL COMPARTMENT) DIESEL (10,000 GAL.) AND PREMIUM UNLEADED (8,000 GAL.) TANK. FOR REFERENCE ONLY. RE: ARCH. PLANS FOR EXACT LOCATION/DIMENSIONS.
- DOUBLE WALL UNDERGROUND STORAGE TANK. (1~20,000 GAL. SINGLE COMPARTMENT) REGULAR UNLEADED TANK.FOR REFERENCE ONLY. RE: ARCH. PLANS FOR EXACT LOCATION/DIMENSIONS.
- CANOPY COLUMN (TYP. 6). FOR REFERENCE ONLY. RE: ARCH./CANOPY PLANS FOR EXACT LOCATION/DIMENSIONS.
- NOT USED
- INTERNALLY ILLUMINATED CHANNEL LETTER SIGN (TYP. 2). FOR REFERENCE ONLY. RE: ARCH. PLANS FOR EXACT LOCATION/DIMENSIONS.
- 6" PIPE BOLLARD (TYP. 18). RE: ARCH. PLANS FOR DETAIL.
- 6" PIPE BOLLARD WITH WARNING SIGN (TYP. 4). RE: ARCH. PLANS FOR DETAIL.
- INVERTED U-SHAPED STEEL PIPE GUARD POST (TYP. 9). RE: ARCH. PLANS FOR DETAIL.
- EMERGENCY SHUT-OFF SWITCH MOUNTED ON KIOSK, WITH DISTINCTLY LABELED SIGN READING "EMERGENCY FUEL SHUTDOWN DEVICE". FOR REFERENCE ONLY. RE: ARCH. PLANS FOR DETAIL/EXACT LOCATION.
- OBSERVATION WELL. (TYP. 2). FOR REFERENCE ONLY. RE: ARCH. PLANS FOR EXACT LOCATION.
- 6" THICK CONCRETE SLAB UNDER CANOPY WITH 2' CHAMFERED CORNERS. RE: ARCH. PLANS FOR JOINTING & SLAB SECTION.
- 8" THICK CONCRETE SLAB OVER TANKS WITH 2' CHAMFERED CORNERS. RE: ARCH. PLANS FOR JOINTING & SLAB SECTION.
- AIR COMPRESSOR (BY OTHERS) ON (4,000 PSI) CONCRETE PAD (BY CONTRACTOR). RE: ARCH. PLANS FOR DETAIL.
- VENT RISER STACK (MIN. 12' ABOVE FINISHED GRADE). RE: ARCH. PLANS FOR DETAIL.
- 911 EMERGENCY CALL BOX. RE: ARCH PLANS FOR DETAIL
- PROPANE SALES CABINET ON 4x8' CONCRETE PAD
- PEDESTRIAN WALKWAY STRIPING. FOR REFERENCE ONLY. RE: ARCH. PLANS FOR DIMENSIONS / EXACT LOCATION.
- OUTDOOR MERCHANDISING DISPLAYS. RE: ARCH. PLANS FOR ELEVATIONS AND EXACT LOCATIONS.

- 5

C2.1

MONUMENT SIGN (BY OTHERS). COORDINATE INSTALLATION WITH SIGN CONTRACTOR.
- A

C5.1

DUMPSTER ENCLOSURE

GENERAL CONSTRUCTION NOTES:

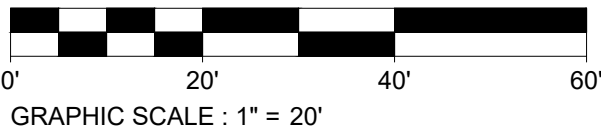
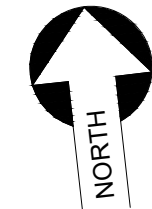
- FOLLOW ALL FEDERAL, STATE AND LOCAL SAFETY REQUIREMENTS DURING CONSTRUCTION OF THIS PROJECT. SPECIAL CARE SHALL BE TAKEN DURING ALL TRENCHING OPERATIONS. SHEETING AND BRACING, CRIBBING, ETC., MUST BE INSTALLED AS REQUIRED TO PROVIDE MAXIMUM SAFETY TO THE CONTRACTOR'S WORKERS IN FULL COMPLIANCE WITH OSHA REGULATIONS.
- ABIDE BY ALL OSHA, FEDERAL, STATE AND LOCAL REGULATIONS WHEN OPERATING CRANES, BOOMS, HOISTS, ETC. IN CLOSE PROXIMITY TO OVERHEAD ELECTRIC LINES. IF EQUIPMENT MUST OPERATE CLOSE TO ELECTRIC LINES, CONTACT THE POWER COMPANY TO MAKE ARRANGEMENTS FOR PROPER SAFEGUARDS.
- ALL CONSTRUCTION SHALL BE CONDUCTED SUCH THAT THERE WILL BE MINIMAL INTERFERENCE WITH STREETS, DRIVES OR WALKS. MAINTAIN TRAFFIC FLOW AROUND THE WORK SITE. DO NOT CLOSE OR OBSTRUCT STREETS, DRIVES OR WALKS OR USER FACILITIES WITHOUT PERMISSION FROM THE OWNER'S REPRESENTATIVE, AND WRITTEN APPROVAL FROM THE STATE DOT, LOCAL MUNICIPALITY, COUNTY, OR OTHER GOVERNING AUTHORITY. MANNER AND METHOD OF INGRESS AND EGRESS WITH RESPECT TO THE PROJECT AREA IS SUBJECT TO REGULATION AND WRITTEN APPROVAL OF APPROPRIATE GOVERNING AGENCIES.
- REVIEW CONSTRUCTION AND PROVIDE TRAFFIC SEQUENCE AND SCHEDULE AT THE PRECONSTRUCTION MEETING WITH KROGER STORE MANAGEMENT, LANDLORD REPRESENTATIVE, AND KROGER REGIONAL FACILITIES MANAGER.
- PROVIDE ADEQUATE BARRICADES AT DRIVES, ENTRANCES, EXCAVATIONS AND OTHER OPENINGS TO KEEP OUT UNAUTHORIZED PERSONS AND FOR PUBLIC SAFETY AND TRAFFIC CONTROL. SAFETY PROVISIONS OF APPLICABLE LAWS SHALL BE OBSERVED AT ALL TIMES. BARRICADES LEFT IN PLACE AT NIGHT SHALL BE LIGHTED.
- KEEP EXISTING STREETS, ROADS AND DRIVES CLEAR OF DIRT, DEBRIS AND EQUIPMENT.
- NO EQUIPMENT OR MATERIAL STORAGE IS PERMITTED WITHIN THE ROAD RIGHT-OF-WAY.
- PROVIDE SHORING AND DEWATERING TO ACCOMPLISH ALL WORK INDICATED ON PLANS AND TO PERFORM REQUIRED COMPACTION OPERATIONS.
- VERIFY ALL SITE CONDITIONS IN THE FIELD AND CONTACT THE OWNER IF THERE ARE ANY QUESTIONS OR CONFLICTS REGARDING THE CONSTRUCTION DOCUMENTS AND/OR FIELD CONDITIONS SO THAT APPROPRIATE REVISIONS CAN BE MADE PRIOR TO CONSTRUCTION. ANY CONFLICT BETWEEN DRAWINGS AND THE SPECIFICATIONS SHALL BE CONFIRMED WITH THE CONSTRUCTION MANAGER PRIOR TO BIDDING.
- THE OWNER AT ITS DISCRETION RESERVES THE RIGHT TO MODIFY THE DETAILS AND STANDARDS OF CONSTRUCTION FOR ALL PRIVATE FACILITIES FROM THAT INDICATED ON THE APPROVED PLAN, PROVIDED THAT THE ALTERNATE STANDARD COMPLIES WITH LOCAL CODE AND/OR UTILITY COMPANY REQUIREMENTS AND THE GENERAL DESIGN INTENT OF THE PROJECT IS NOT COMPROMISED.

- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUTS AND SURVEYS REQUIRED TO PERFORM CONSTRUCTION. CADD FILE INFORMATION IS PROVIDED FOR REFERENCE ONLY.
- REFER TO APPROPRIATE SHEETS FOR EROSION AND SEDIMENT CONTROL, STORM DRAINAGE, UTILITY, PAVING, CURBING, AND SIGNAGE DETAILS AS APPLICABLE.
- AGGREGATES AND BITUMINOUS PAVEMENT MATERIAL AND INSTALLATION SHALL BE IN ACCORDANCE WITH STATE DOT SPECIFICATIONS. SUBMIT AGGREGATE SIEVE ANALYSIS AND A JOB-MIX FORMULA FOR THE BITUMINOUS PAVEMENT TO THE CONSTRUCTION MANAGER FOR REVIEW AND APPROVAL AT LEAST 14 DAYS PRIOR TO THE PLACEMENT OF BITUMINOUS PAVEMENTS.
- VERIFY ALL DIMENSIONS FOR BUILDING, WALLS, CONCRETE SLABS, UTILITY SERVICE POINT CONNECTIONS, AND THE PROPOSED WORK, AND NOTIFYING THE OWNER AND ENGINEER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO CONSTRUCTION.
- SUBMIT SHOP DRAWINGS OF ALL PRODUCTS AND MATERIALS TO THE OWNER AND LOCAL UTILITY COMPANIES AS REQUIRED FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR DELIVERY TO THE SITE. ALLOW A MINIMUM OF 14 DAYS FOR REVIEW.
- REFERENCE ARCHITECTURAL PLANS FOR EXACT DIMENSIONS AND CONSTRUCTION DETAILS OF BUILDING, CANOPY, ROOF DRAINS, RAISED CONCRETE SIDEWALKS, AND RAMPS.

- TRAFFIC CONTROL SIGNAGE SHALL CONFORM TO THE STATE DOT STANDARD DETAIL SHEETS AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. SIGNS SHALL BE INSTALLED PLUMB.
- FIRE LANES SHALL BE ESTABLISHED AND PROPERLY DESIGNATED IN ACCORDANCE WITH THE LOCAL MUNICIPALITY AND LOCAL FIRE DEPARTMENT REQUIREMENTS.
- REMOVE CONFLICTING PAVEMENT MARKINGS IN A METHOD APPROVED BY THE STATE DOT.
- ALTERNATIVE METHODS AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED IF REVIEWED AND APPROVED BY THE OWNER, ENGINEER, AND APPROPRIATE REGULATORY AGENCIES PRIOR TO INSTALLATION.
- PROVIDE AS-BUILT RECORDS OF ALL CONSTRUCTION (INCLUDING UNDERGROUND UTILITIES) TO THE ENGINEER FOLLOWING COMPLETION OF CONSTRUCTION ACTIVITIES.

NOTE: ASPHALT PAVEMENT TO BE INSTALLED BY OVERALL STORE CONTRACTOR. FUEL CENTER CONTRACTOR TO COORDINATE INSTALLATION SCHEDULE WITH OVERALL STORE CONTRACTOR.

NOTE: ALL TRASH WILL BE BAGGED DAILY AND DISPOSED OF IN THE MAIN STORE DUMPSTER.



FLOOD INFORMATION:

PROPERTY SURVEYED IS LOCATED WITHIN ZONE X ZONE X- AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN PER FEMA MAP NUMBER 39113CO188E MAP REVISED JANUARY 6, 2005



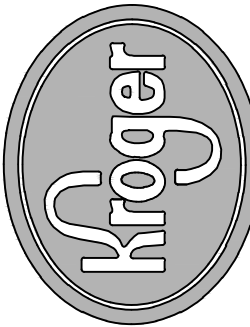
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COLUMBUS, OHIO 43235  
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The Kroger Co.  
CINCINNATI/DAYTON MARKETING AREA  
150 Tri-County Parkway  
Cincinnati, OH 45246  
Phone (513) 782-3300

Seal

REVISIONS

No.	DESCRIPTION	DATE	REVISIONS	
			ISSUE FOR BIDS	
A		04-25-2022		

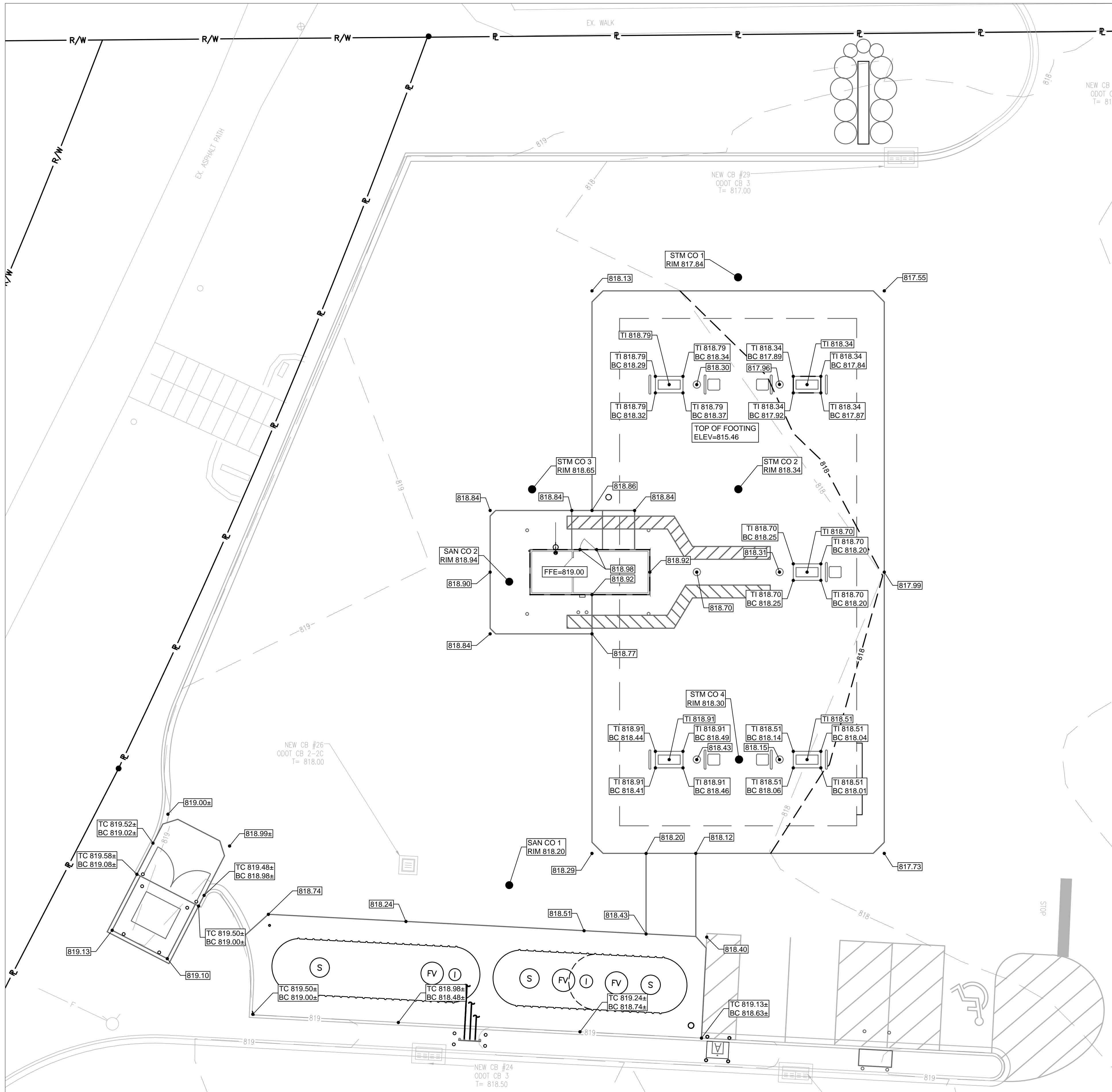
Project No.: 021-01869-00  
Project Manager: M. ALFIERI  
Designed By: M. SAMEC  
Drawn By: B. SALAZAR  
Checked By: C. HARTMAN  
Store No.: A-765  
Address: 601 WOODMAN DRIVE  
RIVERSIDE, OHIO 45404

SITE LAYOUT  
PLAN

Drawing No.:

C1.1





GRADING NOTES:

- REFER TO SHEET C1.4 FOR EROSION CONTROL NOTES.
- ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN CONFORMANCE WITH THE LOCAL MUNICIPALITY DESIGN STANDARDS AND SPECIFICATIONS AND IN ACCORDANCE WITH THESE PLANS.
- ALL PROPOSED SPOT ELEVATIONS IN PAVED AREAS SHALL BE CONSIDERED TOP OF PAVEMENT GRADES UNLESS NOTED OTHERWISE.
- SITE GRADING SHALL BE PERFORMED TO PROVIDE POSITIVE DRAINAGE AT ALL TIMES TO ENSURE NO STANDING WATER.
- REFER TO SITE PLAN FOR ADDITIONAL GENERAL NOTES AND UTILITY PLAN FOR UTILITY NOTES.
- UNLESS OTHERWISE INDICATED AT A SPECIFIC LOCATION, ALL FINISHED GRADES ARE TO CONFORM TO AND MATCH EXISTING GRADES. ALL FINAL GRADES AT THE PROJECT BOUNDARY SHALL MATCH EXISTING ELEVATIONS.
- REFER TO SHEET F1 OF 1 OF THE CANOPY DRAWINGS FOR TOP OF FOOTING ELEVATIONS.
- TOPSOIL SHALL BE STRIPPED FROM ALL AREAS TO RECEIVE PAVING AND FROM WITHIN THE LIMITS OF PROPOSED BUILDINGS AND STRUCTURES. TOPSOIL SHALL BE STRIPPED TO THE DEPTH SHOWN IN THE GEOTECHNICAL REPORT, OR TO A DEPTH OF 6 INCHES, WHICHEVER IS GREATER.
- TOPSOIL SHALL BE PLACED TO A DEPTH OF 4 TO 6 INCHES IN ALL AREAS TO BE SEEDED OR SODDED PER THE SPECIFICATIONS.
- EXCESS TOPSOIL MAY BE PLACED IN MOUNDING AREAS AND NONSTRUCTURAL FILL AREAS AS AVAILABLE OR DISPOSED OF AS PER LOCAL, STATE AND FEDERAL REGULATIONS.
- IMPORTING FILL MATERIAL FROM AN OFF-SITE LOCATION WITHOUT PRIOR WRITTEN APPROVAL FROM THE KROGER PROJECT MANAGER IS STRICTLY PROHIBITED. IDENTIFICATION OF OFF-SITE BORROW LOCATIONS AND MATERIALS MUST BE COORDINATED AND DOCUMENTED WITH THE SWPPP. A KROGER APPROVED TESTING FIRM MUST VERIFY THE SUITABILITY OF ALL OFF-SITE MATERIAL. THIS INCLUDES AN ANALYSIS TO ENSURE THAT NO ENVIRONMENTAL CONTAMINATION IS PRESENT. IF ANY MATERIAL IS BROUGHT ON SITE WITHOUT WRITTEN APPROVAL OF THE KROGER PROJECT MANAGER, THE CONTRACTOR WILL BEAR ALL COST ASSOCIATED WITH REMOVING THE MATERIAL, TESTING FOR CONTAMINATION, MONITORING THE CLEAN-UP OPERATION, DISPOSAL IN AN APPROVED LANDFILL, AND CERTIFYING THE THE KROGER SITE IS ENVIRONMENTALLY CLEAN.

SITE SPECIFIC GRADING NOTES:

- THE FUEL CONTRACTOR WILL BE RESPONSIBLE TO REPAIR ANY EXISTING SITE IMPROVEMENTS THAT MAY BE DISTURBED DURING CONSTRUCTION. THIS MAY INCLUDE, BUT NOT BE LIMITED TO:
  - EXISTING CURB THAT MAY BE DISTURBED DURING INSTALLATION OF THE VENT STANDS, AIR STAND, ETC.,
  - EXISTING ASPHALT THAT MAY BE DISTURBED DURING TANK INSTALLATION,
  - EXISTING LANDSCAPING,
  - EXISTING LIGHTS FIXTURES AND WIRING.

KIOSK NOTES:

- KIOSK FINISH FLOOR ELEVATION SHALL BE A MINIMUM OF 1" ABOVE ADJACENT FUEL CENTER SLAB GRADE.
- TOP OF ADA RAMP SHALL BE 1/4" LOWER THAN THE KIOSK FINISH FLOOR ELEVATION.
- EXTERIOR EXPOSED EDGE OF RAISED KIOSK SLAB TO BE SEALED OR PAINTED, COORDINATE TREATMENT WITH KROGER PM.

NOTIFY ENGINEER IMMEDIATELY OF ANY DEPARTURES FROM THESE DESIGN CONSTRAINTS.

TANK DEPTH OF BURY NOTE:

- SET TOP OF FUEL TANKS 4" BELOW LOWEST FUEL TANK SLAB ELEVATION.

GRADING LEGEND

- TI = TOP OF ISLAND  
TC = TOP OF CURB  
BC = BOTTOM OF CURB  
5% = DRAINAGE ARROW  
X94.50 = PROPOSED ELEVATION  
A MATCH EXISTING GRADE  
B STANDARD CURB AND GUTTER  
C TRANSITION CURB AND GUTTER  
D REVERSE SLOPE CURB AND GUTTER

BENCH MARK AND CONTROL POINT TABLE

NO.	DESCRIPTION	
BM#1	TRAV NAIL #3	
	NORTHING	644699.93
	EASTING	1512685.37
	ELEVATION	817.03
BM#2	TRAV T-9	
	NORTHING	644867.47
	EASTING	1512920.73
	ELEVATION	815.39
BM#3	TRAV NAIL #10	
	NORTHING	644910.20
	EASTING	1512533.79
	ELEVATION	825.44

FUEL TANK ELEVATION COORDINATION CHART

TANK DEPTH OF BURY CALCULATION			
DESCRIPTION		FURTHEST ISLAND	LOWEST ISLAND
1. ELEVATION AT TOP OF ISLAND		818.34	818.34
2. DISTANCE FROM ISLAND TO TANK, SEE NOTE #1		100 FT	100 FT
3. PIPE FALL (1/8" / FT) = (#2)(1/8)/12) =		1.04	1.04
4. DISPENSER ISLAND CONCRETE DRIVE SLAB PIPE COVER PIPE DIAMETER TANK CONNECTION		6" 6" 3" 10"	
TOTAL:		33'	2.75 FT
5. GRADE DIFFERENTIAL = (#3 + #4)			2.75 FT
6. TOP OF TANKS = (#1 - #5)		3.79 FT	3.79 FT
7. TOP OF TANKS = LOWEST CALCULATED ELEVATION, FROM #6		814.55	814.55
CHECK MINIMUM / MAXIMUM BURIAL DEPTH			
8. LOWEST ELEVATION OF SLAB ABOVE TANK, SEE NOTE #2			818.29
9. STAGE II VAPOR RECOVERY REQUIRED? "YES" OR "NO"			NO
10. DEPTH OF BURY = (#8 - #7)			4.50 FT
11. SET TOP OF TANK @			813.79
NOTES:			
1. DISTANCE FROM ISLAND TO TANK HAS BEEN ESTIMATED PER GALLOWAY DRAWING T-1.0.			
CONTRACTOR TO VERIFY EXACT PIPING LENGTH PRIOR TO TANK INSTALLATION.			
2. CONTRACTOR TO CONFIRM PROPOSED GRADE IS APPLICABLE TO EXISTING FIELD CONDITIONS. IF ANY DISCREPANCIES ARE IDENTIFIED, NOTIFY THE KROGER PM TO ADJUST THE DEPTH OF BURY CHART AS NECESSARY. MAX DEPTH OF BURY IS 7 FT.			

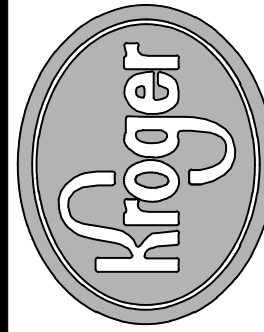


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Seal

REVISIONS	No.	DATE	DESCRIPTION
	A	04-25-2022	ISSUE FOR BIDS

Project No.: 021-01869-00  
Project Manager: M. ALFIERI  
Designed By: M. SAMEC  
Drawn By: B. SALAZAR  
Checked By: C. HARTMAN  
Store No.: A-765

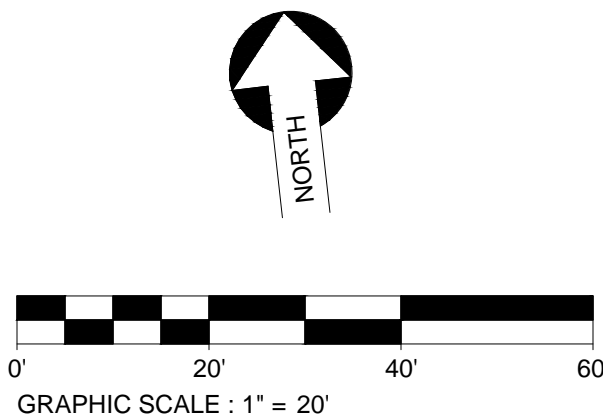
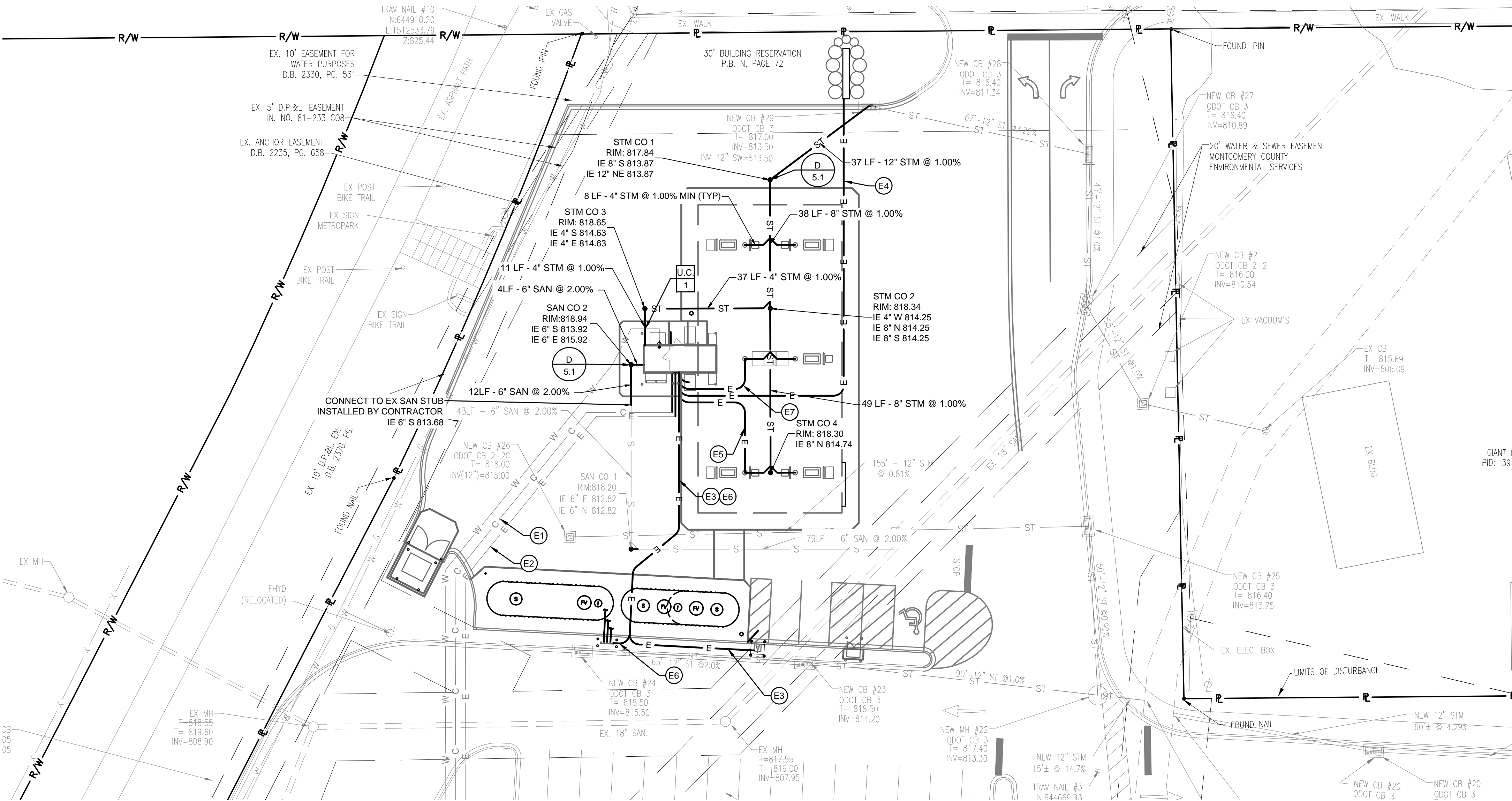
Address: 601 WOODMAN DRIVE  
RIVERSIDE, OHIO 45404

GRADING PLAN

Drawing No.:

C1.2





### UTILITY CROSSING

UC 1	BOTTOM OF 4" STORM DRAIN TOP OF 3/4" WATER SERVICE
---------	---

814.70 +/-  
813.00 +/-

### UTILITY CONTACTS:

(TELEPHONE)  
T-MOBILE  
1147 BROWN ST. DAYTON,  
OHIO, 45409.  
PH: 937-586-0562

(GAS)  
CENTER POINT ELECTRIC  
PH: (937) 440-1830  
RANDY.CECH@CENTERPOINTENERGY.COM  
RANDY CECH

(ELECTRIC)  
AES OHIO  
(937) 287-2313 CELL  
(937) 331-4933 DESK  
JONATHAN.PANFILO@AES.COM  
CONTACT: JONATHAN "JONNY" PANFILO

(SEWER & WATER)  
MONTGOMERY COUNTY ENV. SERVICES

1850 SPAULDING ROAD  
KETTERING, OHIO 45432  
(937) 781-2629  
SCHAFFERC@MCOHIO.ORG  
CHARLES SCHAFFER

(FIRE)  
RIVERSIDE FIRE DEPARTMENT  
(937) 603-9581  
RTURNER@RIVERSIDEOH.GOV  
BOB TURNER

### ELECTRICAL SCHEDULE

- E1** (2) 2" CONDUITS 5' OUTSIDE OF KIOSK FOR COMMUNICATIONS FROM KIOSK TO MAIN STORE. SEE THOMAS GRAHAM STORE DRAWINGS FOR CONNECTION TO CONDUITS INSTALLED FROM MAIN STORE. COMMUNICATION CABLES ARE INSTALLED BY KROGER.
- E2** (1)-2" CONDUIT 5' OUTSIDE OF KIOSK FOR ELECTRICAL SERVICE FROM KIOSK TO MAIN STORE. SEE THOMAS GRAHAM STORE DRAWINGS FOR CONNECTION TO CONDUIT INSTALLED FROM MAIN STORE. SERVICE TO INCLUDE 4#4/0, 1#2 GROUND WIRE. CONTRACTOR SHALL MAKE ALL SECONDARY CONNECTIONS
- E3** CONDUIT ROUTING TO AIR COMPRESSOR. RE: ARCH. PLANS FOR ELECTRICAL REQUIREMENTS.
- E4** CONDUIT ROUTING FROM KIOSK TO MONUMENT SIGN. RE: SHEET E1.0.
- E5** INSTALL CANOPY PRICE SIGN CONTROLLER. RE: SHEET E1.0.  
LED PRICER - SHOW CONDUIT TO ONLY ONE COLUMN NEAR THE PRICER CLOSEST TO KIOSK
- E6** CONDUIT ROUTING FROM KIOSK TO VENT RISERS. RE: SHEET E1.0.
- E7** INSTALL (2)-3/4" CONDUITS WITH PULL STRINGS FROM KIOSK TO CANOPY FOR FIRE SUPPRESSION.

NOTE: CONTRACTOR TO SUPPLY ALL REQUIRED WIRE, CONDUIT, AND FITTINGS UNLESS OTHERWISE STATED.

### FIRE PROTECTION NOTES

- 6" MINIMUM RADIUS FOR 2" FIRE PROTECTION ROADWAY.
- COORDINATE INSTALLATION WITH FIRE.

### KIOSK NOTES

- INSTALL INSULATION AND HEAT TAPE AROUND THE WATER PIPES IN THE UTILITIES CHASE OF THE KIOSK RESTROOM.
- COORDINATE INSTALLATION OF SPIGOT WITH KIOSK MANUFACTURER, OR ADD EXTERIOR FREEZELESS HOSE BIBB WITH BACKFLOW PREVENTION AND TEE KEY (WOODFORD MODEL 17 OR APPROVED EQUIVALENT) ON EXTERIOR OF KIOSK WITH SHUTOFF LOCATED ON INTERIOR WALL. LOCATE HOSE BIBB ADJACENT TO BACKFLOW PREVENTER, WITHOUT OBSTRUCTING OR REMOVING INTERIOR FIXTURES OR ELECTRICAL OUTLETS. REFER TO KIOSK DRAWINGS FOR LOCATIONS OF FIXTURES.
- SET ALL EXTERNAL FITTINGS ON THE KIOSK (HOSE BIB, ELECTRICAL OUTLET, ETC.) 4-1/2" FROM SUBSTRATE TO BE FLUSH WITH BRICK FACADE.

### GENERAL UTILITY NOTES

- REFER TO SITE PLAN FOR ADDITIONAL GENERAL NOTES AND GRADING PLAN FOR GRADING NOTES.
- PROTECT AND MAINTAIN CROSSINGS OF OTHER UTILITY LINES.
- PROPER COORDINATION SHALL BE PERFORMED TO ENSURE THAT ALL GOVERNING AGENCY STANDARDS FOR MATERIALS AND CONSTRUCTION METHODS ARE MET.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES, INCLUDING SERVICES PRIOR TO CONSTRUCTION. CONTACT THE STATE UTILITIES PROTECTION SERVICE @ 811 AT LEAST 48 HOURS BEFORE THE START OF THE WORK AND VERIFY ALL EXISTING UTILITY LOCATIONS.
- ARRANGE FOR AND COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES FOR SERVICE INSTALLATIONS AND CONNECTIONS AND MAIN AND SERVICE RELOCATIONS. COORDINATE THE WORK TO BE PERFORMED BY THE VARIOUS GOVERNING AGENCIES AND SECURE ALL PERMITS AND PAY ALL FEES FOR CONNECTIONS, DISCONNECTIONS, RELOCATIONS, INSPECTIONS, AND DEMOLITION AS NECESSARY.
- DO NOT INTERRUPT EXISTING UTILITIES SERVICING FACILITIES OCCUPIED AND USED BY THE OWNER OR OTHERS DURING OCCUPIED HOURS EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE OWNER, LOCAL MUNICIPALITY AND/OR UTILITY COMPANY. INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY OR PERMANENT SERVICE HAS BEEN PROVIDED.
- INSTALL TEMPORARY SITE LIGHTING, GAS, SANITARY, WATER, STORM, ELECTRIC, TELEPHONE, AND CABLE SERVICES TO BUILDING(S) THAT REMAIN OPEN DURING CONSTRUCTION, AS NECESSARY.
- PROVIDE SLEEVES UNDER FOOTINGS OR THROUGH FOUNDATIONS FOR UTILITY CONNECTIONS AS REQUIRED.
- PROVIDE ALL BENDS, FITTINGS, ADAPTERS, ETC. AS REQUIRED FOR PIPE CONNECTIONS TO BUILDING/CANOPY STUB-OUTS.
- ALL UTILITY CONSTRUCTION IS SUBJECT TO INSPECTION PRIOR TO APPROVAL FOR BACKFILL, IN ACCORDANCE WITH THE APPROPRIATE GOVERNING AGENCY.
- CONTACT THE LOCAL COUNTY HEALTH DEPARTMENT AND FILE AND OBTAIN A PLUMBING PERMIT FOR THE WORK INDICATED HEREIN AND COMPLY WITH THE LOCAL COUNTY PLUMBING CODE.
- IN THE EVENT OF CONFLICT OF ANY REQUIREMENTS OR PROVISIONS OF THE WORK INDICATED HEREON, THE SITE ENGINEER SHALL BE NOTIFIED FOR A DETERMINATION OF THE PLAN REQUIREMENTS AND INTENT THEREOF.
- UTILITY CONNECTION DESIGN AS REFLECTED ON THE PLAN MAY CHANGE SUBJECT TO GOVERNING AGENCY REVIEW.
- PIPE LENGTHS SHOWN ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
- ALL EXISTING MANHOLES/CATCH BASINS ARE ASSUMED TO BE FOUR (4) FEET IN DIAMETER UNLESS OTHERWISE NOTED ON PLANS. CONTRACTOR TO FIELD VERIFY MANHOLE/CATCH BASIN SIZE AND ENSURE CONSTRUCTABILITY OF THE CONNECTIONS AS SHOWN ON THE PLANS PRIOR TO BEGINNING CONSTRUCTION.
- TRENCHES SHOULD BE BACKFILLED AND THE PAVEMENT RESTORED IN SUCH A MANNER THAT ALLOWS TRAFFIC TO SAFELY TRAVEL ALONG AND/OR CROSS IT DURING NON-CONSTRUCTION HOURS. HOLES SHALL NOT BE ALLOWED DURING NON-CONSTRUCTION HOURS. KEEP THE TRENCH AREA IN A SAFE PASSABLE CONDITION AT ALL TIMES.
- TEMPORARY PAVEMENT RESTORATION SHOULD CONSIST OF AT LEAST 3 INCHES OF COMPACTED BITUMINOUS COLD PATCH.
- PERMANENT PAVEMENT RESTORATION SHALL BE COMPLETED IN A TIMELY MANNER.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF UTILITIES WITH EXCAVATION OF TANK PIT. UTILITIES AND PRODUCT PIPING WITHIN THE TANK PIT SHALL BE COORDINATED WITH GALLOWAY DRAWINGS. CONFLICTS WITH PROPOSED UTILITY RUNS SHALL BE COMMUNICATED BACK TO OWNER REPRESENTATIVE AND SITE ENGINEER.

### STORMWATER NOTES

- VISIT THE SITE AND VERIFY THE ELEVATION AND LOCATION OF ALL UTILITIES PRIOR TO BEGINNING ANY EXCAVATION. TEST PITS SHALL BE DUG AT ALL LOCATIONS WHERE SEWERS CROSS EXISTING UTILITIES, AND THE HORIZONTAL AND VERTICAL LOCATIONS OF THE UTILITIES SHALL BE DETERMINED. CONTACT THE ENGINEER AND CONSTRUCTION MANAGER IN THE EVENT OF ANY UNFORESEEN CONFLICTS BETWEEN EXISTING AND PROPOSED UTILITIES SO THAT AN APPROPRIATE MODIFICATION MAY BE MADE.
- INSTALL UNDERDRAINS (UD) WITH A MINIMUM FIFTEEN (15) INCHES OF COVER FROM FINISH SUBGRADE.
- ALL UNDERDRAINS ARE SIX (6) INCH DIAMETER AT A MINIMUM SLOPE OF 1.00 PERCENT UNLESS NOTED OTHERWISE.

### SANITARY SEWER NOTES

- DOWNSPOUT, FOOTER DRAINS OR OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.
- TEST THE SANITARY SEWER FOR LEAKAGE IN ACCORDANCE WITH THE GOVERNING AGENCY'S REQUIREMENTS. THE INSPECTOR FOR THE MUNICIPALITY/UTILITY SHALL BE PRESENT DURING TESTING.

### WATER NOTES

- INSTALL WATER MAIN/LEAD WITH A MINIMUM OF FIVE (5) FEET OF COVER.
- PROVIDE A MINIMUM OF EIGHTEEN (18) INCHES OF VERTICAL SEPARATION AND TEN (10) FEET OF HORIZONTAL SEPARATION BETWEEN THE WATER MAIN AND ALL SANITARY AND STORM SEWERS.

### MATERIAL NOTES

ALL MATERIAL SHALL COMPLY WITH THE LOCAL MUNICIPALITY DESIGN & PROJECT SPECIFICATIONS.

#### STORM DRAINS:

- PVC PIPE ASTM D3034 (SDR-35) FOR DIAMETERS LESS THAN 12"
- HIGH-DENSITY POLYETHYLENE (HDPE) FOR DIAMETERS 12" AND GREATER
- C76-CLIV RCP WITH PREMIUM JOINT FOR DIAMETERS 12" AND GREATER

#### SUBDRAINAGE SYSTEM:

- PVC PIPE: ASTM D2729, 6" PERFORATED AND NONPERFORATED PIPE WITH INTEGRAL COUPLINGS.
- HDPE PIPE: AASHTO M252 6" CORRUGATED POLYETHYLENE DRAINAGE TUBING, PERFORATED AND NONPERFORATED PIPE WITH COUPLING BANDS.
- CORRUGATED PERFORATED PIPE SHALL BE FILTER SOCK WRAPPED AND FITTED WITH END CAPS.

#### WATER (IN ORDER OF PREFERENCE):

PVC WATER PIPE ASTM D2241 (SDR-21, CLASS 200) WITH SOLVENT CEMENT JOINTS.

#### SANITARY SEWER:

PVC PIPE ASTM D3034 (SDR-35) PIPE JOINT ASTM D3212.

#### SANITARY FORCE MAIN:

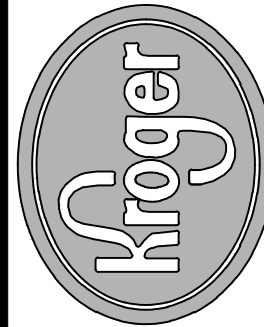
PVC PIPE ASTM D2241 AND D3139 (SDR-21: PR200) WITH GASKETED JOINTS PER ASTM D3139

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**SSOE, INC.**  
ARCHITECTS • ENGINEERS  
COLUMBUS, OHIO 43235  
614.985.1507



The Kroger Co.  
CINCINNATI/DAYTON MARKETING AREA  
150 Tri-County Parkway  
Cincinnati, OH 45246  
Phone (513) 782-3300

Seal

No.	DATE	DESCRIPTION	ISSUE FOR BIDS
A	04-25-2022		

Project No.:	021-01869-00
Project Manager:	M. ALFIERI
Designed By:	M. SAMEC
Drawn By:	B. SALAZAR
Checked By:	C. HARTMAN
Store No.:	A-765
Address:	601 WOODMAN DRIVE RIVERSIDE, OHIO 45404

### UTILITY PLAN

Drawing No.:

C1.3



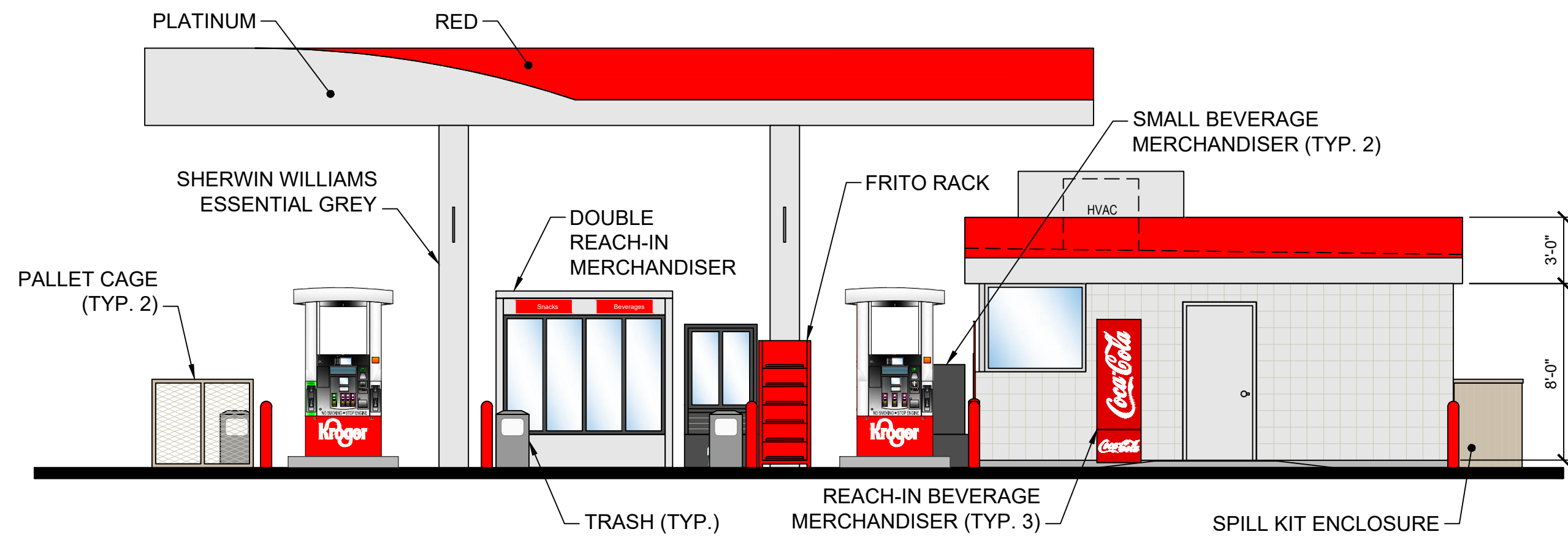


**NOTE TO CONTRACTOR:**

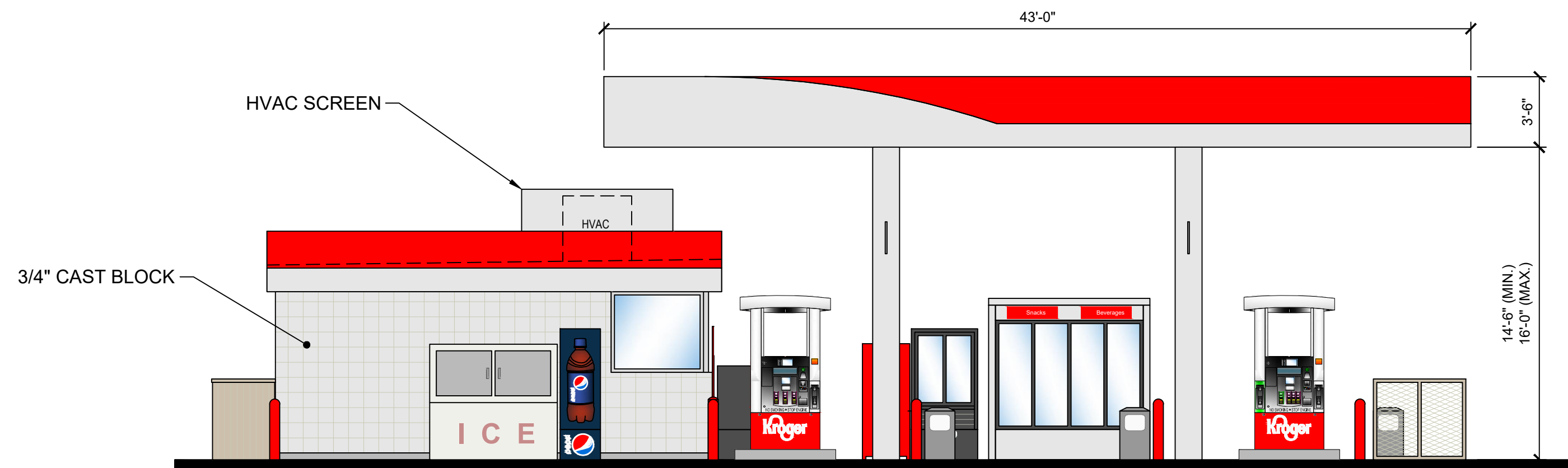
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## C1.4



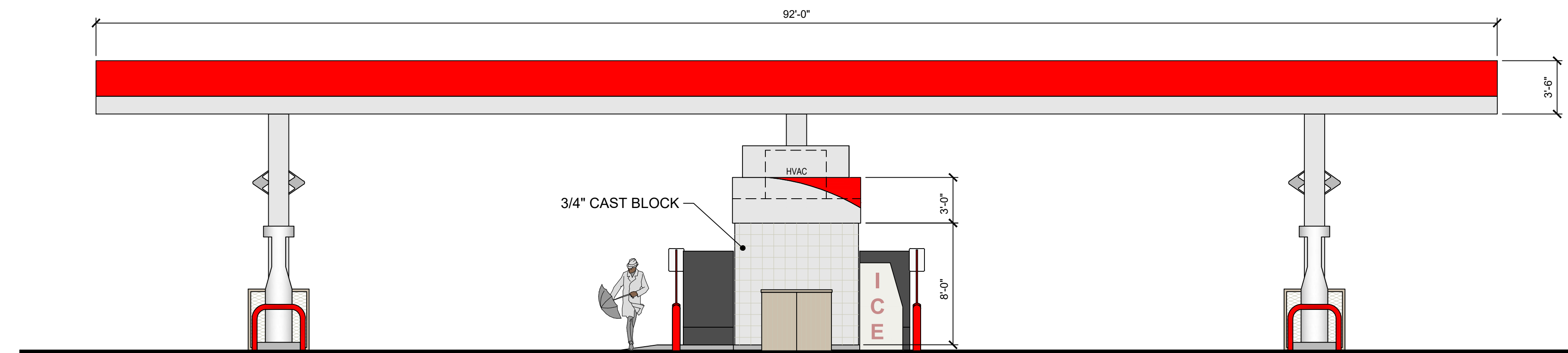


3 NORTH SIDE ELEVATION  
SCALE: NTS

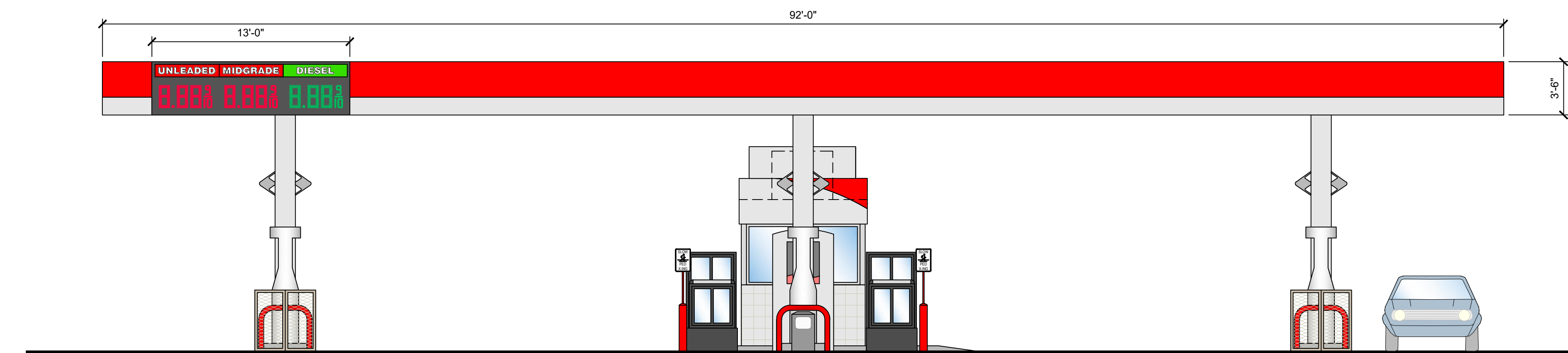


4 SOUTH SIDE ELEVATION  
SCALE: NTS

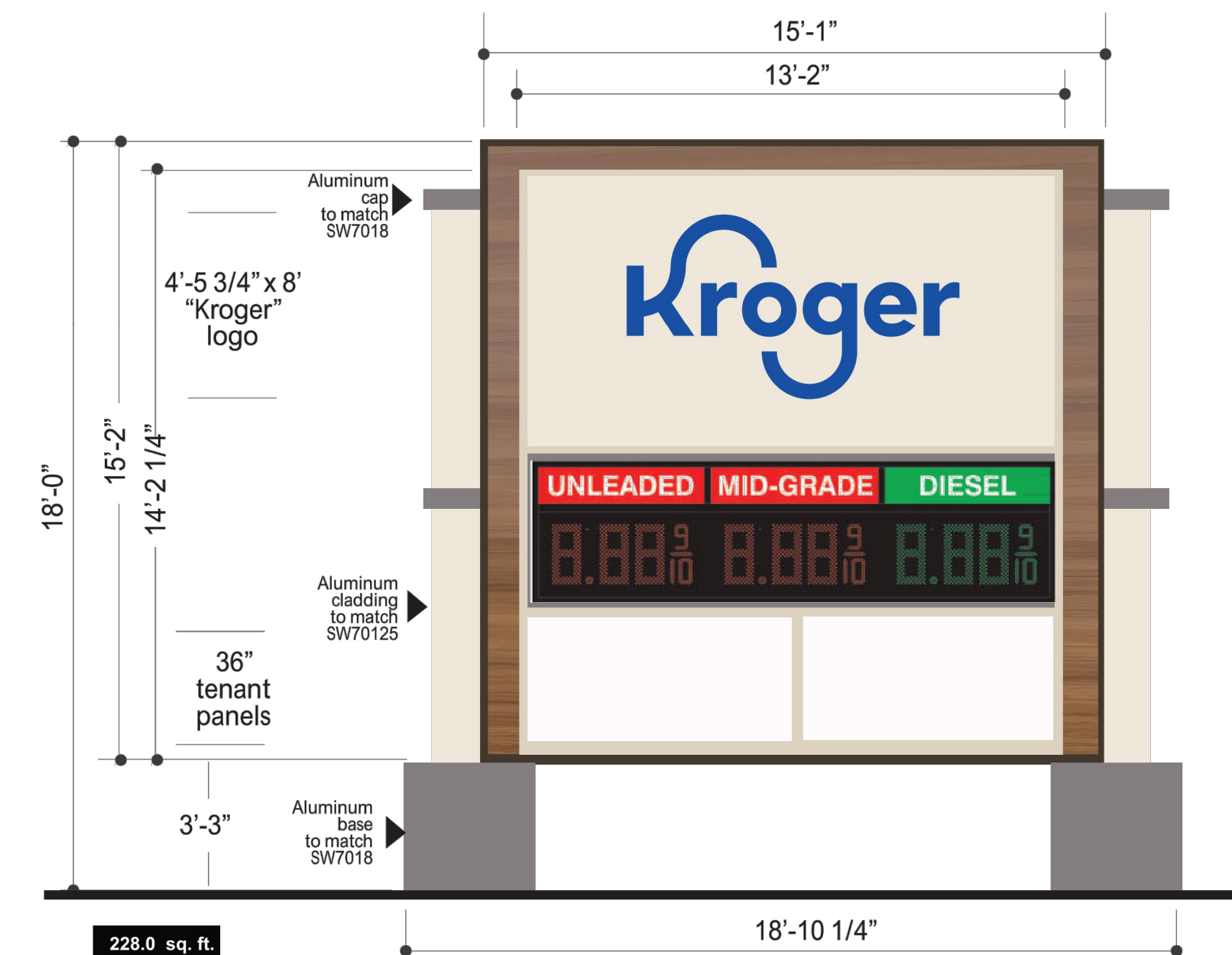
HEIGHT OF KIOSK: 11'-0"  
KIOSK AREA: 21'-10-1/2" X 8'-1-1/2" = 177.3 SF  
HEIGHT TO BOTTOM OF CANOPY: 15'-6"  
CANOPY AREA: 43'-0" X 92'-0" = 3,956 SF  
HEIGHT OF FASCIA: 3'-6"



2 WEST ELEVATION  
SCALE: NTS



1 EAST ELEVATION  
SCALE: NTS



5 MONUMENT SIGN  
SCALE: AS NOTED

SIGNAGE SCHEDULE			
SIGN	QUANTITY	SIGN AREA [SF]	TOTAL AREA [SF]
	1	45.50	45.50
	1	228.00	228.00
TOTAL			273.50

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Seal

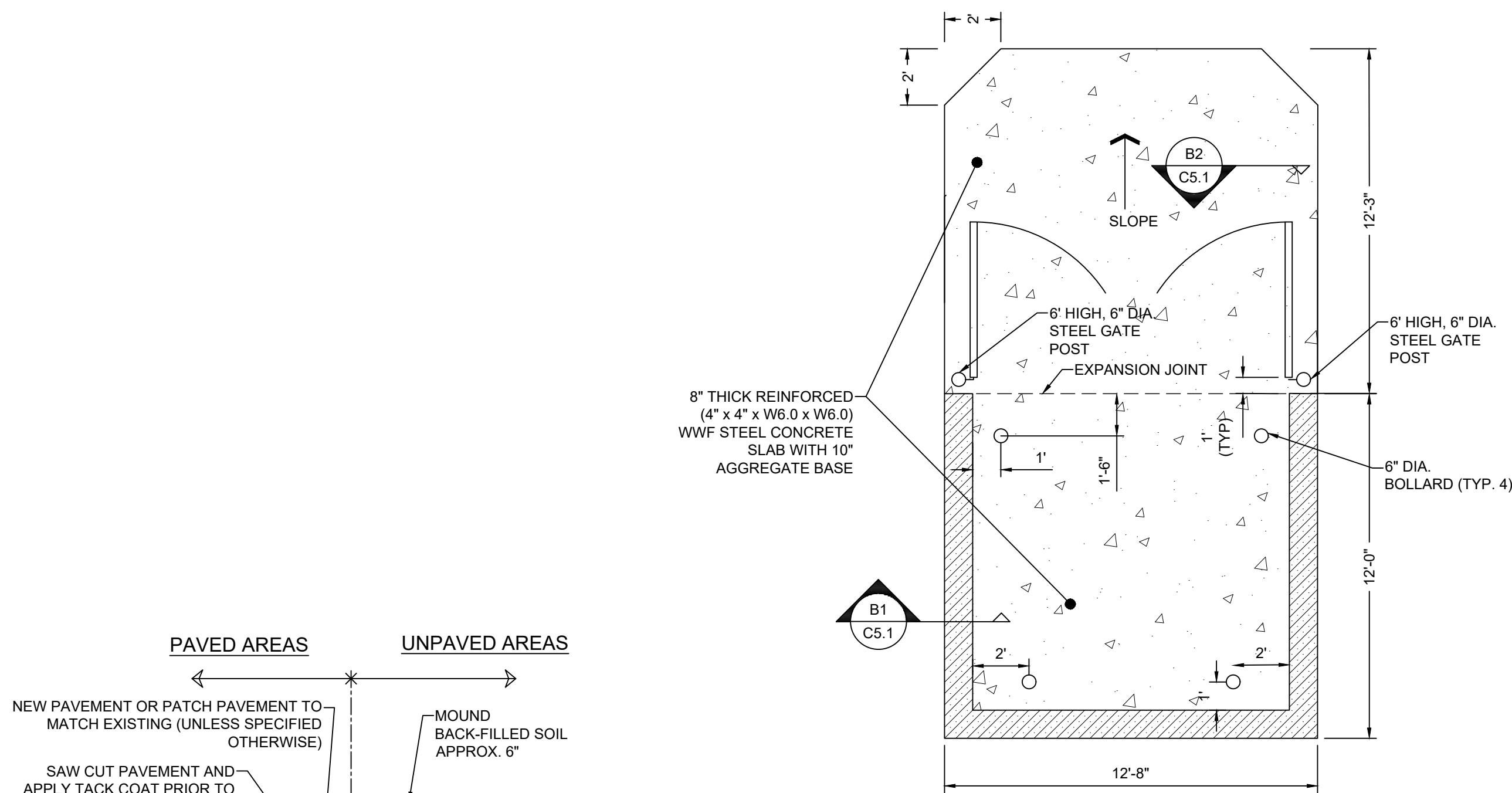
REVISIONS	No.	DESCRIPTION	DATE	ISSUE FOR BIDS
	A		04-25-2022	

Project No.: 021-01869-00  
Project Manager: M. ALFIERI  
Designed By: M. SAMIEC  
Drawn By: B. SALAZAR  
Checked By: C. HARTMAN  
Store No.: A-765  
Address: 601 WOODMAN DRIVE  
RIVERSIDE, OHIO 45404

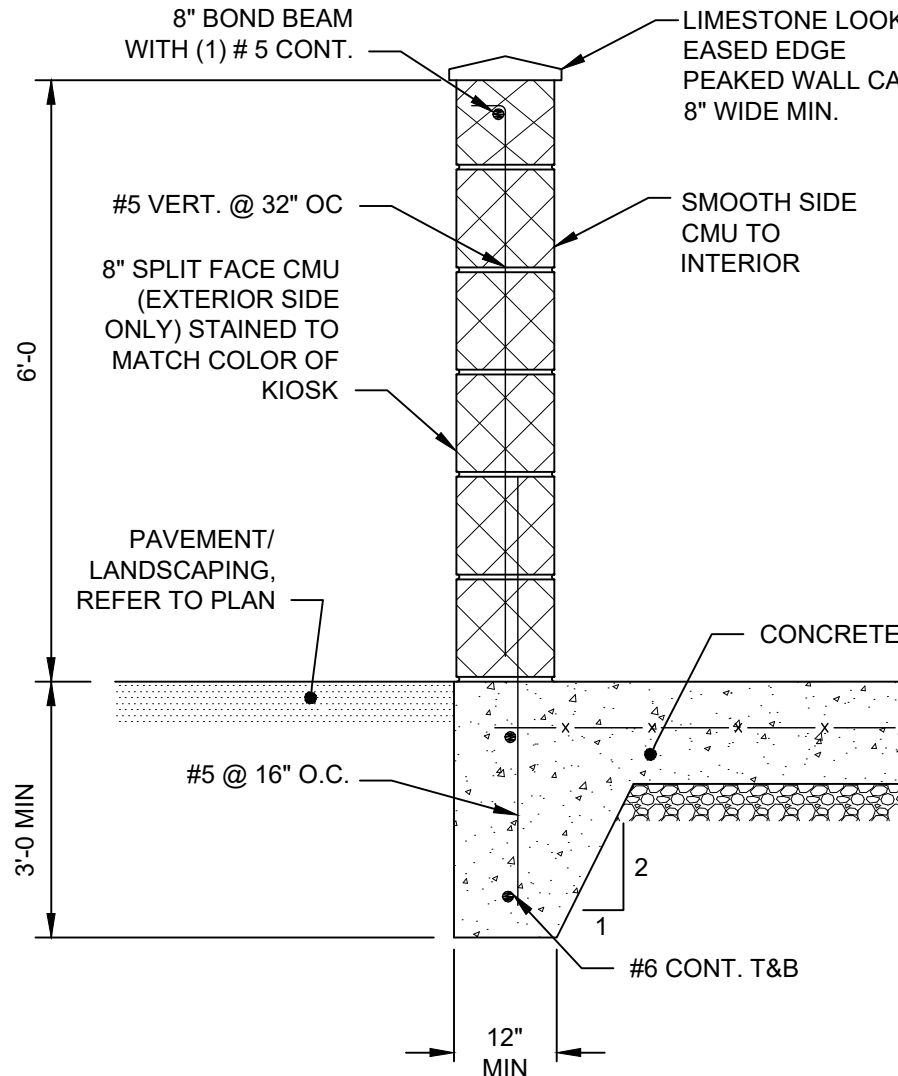
COLOR ELEVATION &  
SIGNAGE DETAILS

Drawing No.:  
**C2.1**

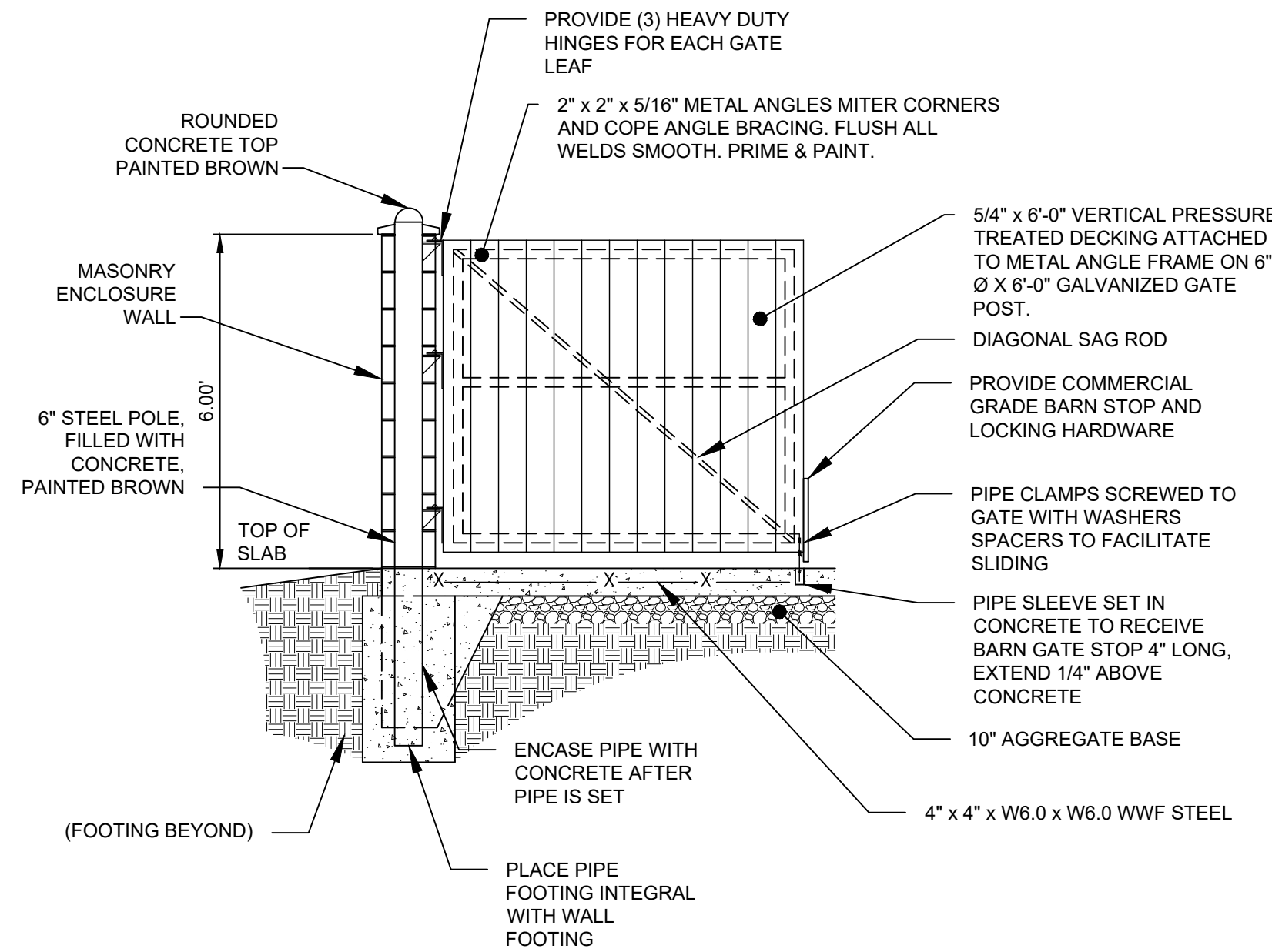




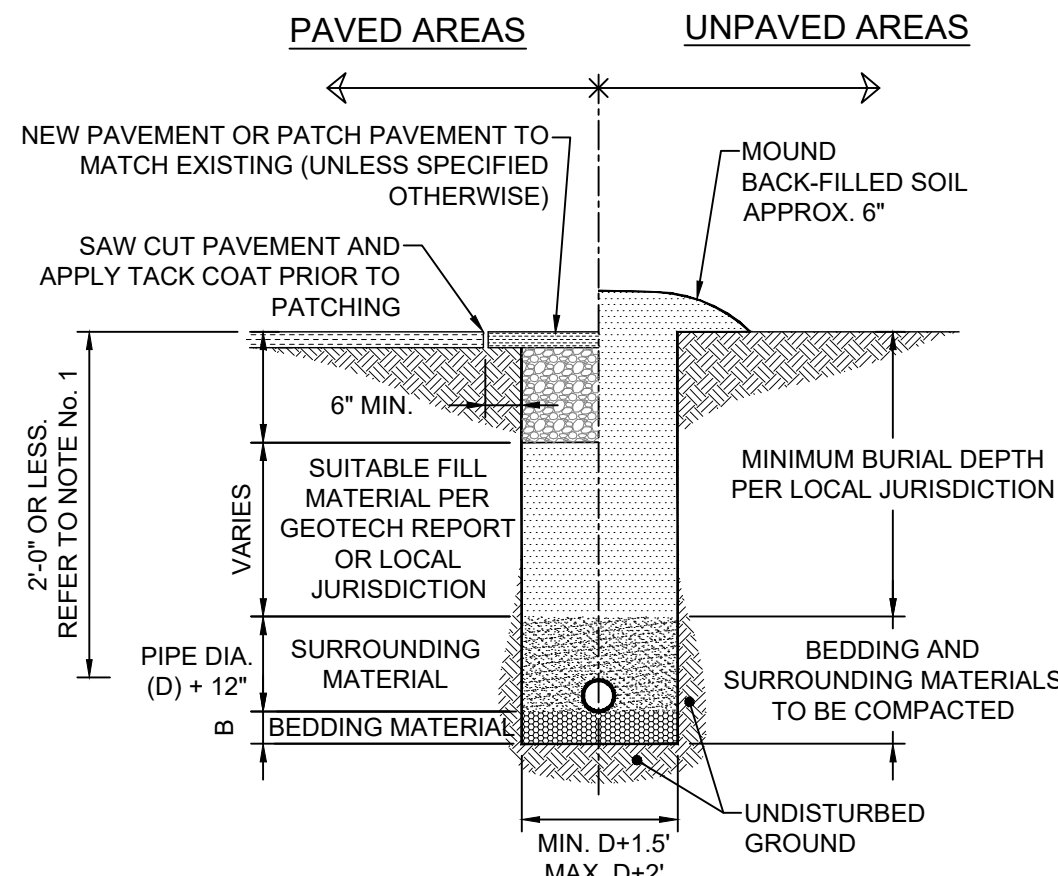
**A DUMPSTER ENCLOSURE**  
SCALE: NTS



**B1 MASONRY WALL DETAIL**  
SCALE: NTS



**B2 DUMPSTER ENCLOSURE GATE DETAIL**  
SCALE: NTS



RECOMMENDED FILL MATERIALS			
TYPE OF PIPE	SURROUNDING MATERIAL TYPE	B-DIMENSION	BEDDING MATERIAL TYPE
DUCTILE IRON PIPE	"A", "B", OR "C"	3"	SAND OR "C"
RCP PIPE	"B" OR "C"	3"	SAND OR "C"
ALL PIPE OVER BEDROCK OR LEDGE	"B" OR "C"	6"	SAND OR "C"
RCP PIPE IN CLAY	"B" OR "C"	6"	SAND
PLASTIC-ALL	"C"	6"	SAND OR "C"

\*"RECOMMENDED FILL MATERIALS" ARE MINIMUM REQUIREMENTS. CONTRACTOR SHALL ENSURE COMPLIANCE WITH LOCAL JURISDICTION AND/OR THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.

#### MATERIAL TYPES:

"A": GRAVEL OR EXCAVATED MATERIAL WHICH HAS NO STONES GREATER THAN 1.5" DIAMETER.

"B": STONE WITH 100% PASSING 1.5" SQUARE SIEVE, A MAXIMUM OF 25% PASSING A 3/4" SQUARE SIEVE AND A MAXIMUM 5% PASSING A 1/2" SQUARE SIEVE, PEA GRAVEL, BANK RUN, OR RUN OF BANK.

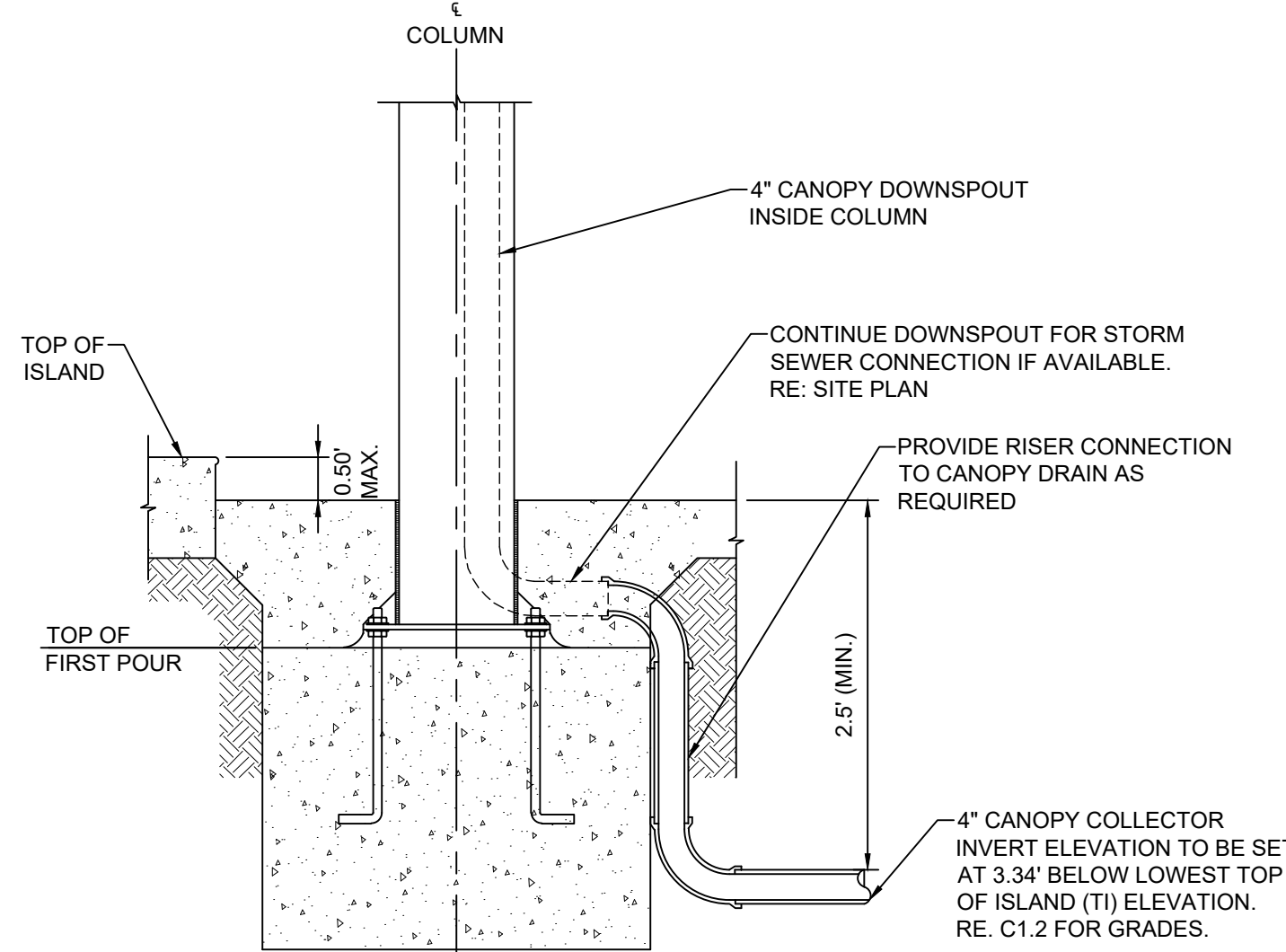
"C": CRUSHED STONE WITH 100% PASSING A 1" SQUARE SIEVE AND 0-5% PASSING A 1/4" SQUARE SIEVE, PEA GRAVEL, OR OTHER NATURAL FREE DRAINING STONE MATERIAL WITH LESS THAN 10% P200 (PASSING NO. 200 SIEVE).

#### NOTES:

- THE SURROUNDING MATERIAL MUST BE INSTALLED TO THE PAVEMENT BASE ELEVATION IF THERE IS LESS THAN 2'-0" OF FILL OVER THE PIPE.
- COMPACT ALL BACK FILL UNDERNEATH, AROUND AND ABOVE PROPOSED PIPES TO 95% STANDARD PROCTOR IN PAVED AND STRUCTURAL AREAS, 90% STANDARD PROCTOR IN UNPAVED OR NON-STRUCTURAL AREAS. THE UPPER 12" OF TRENCH BACKFILL MATERIAL IN PAVED/STRUCTURAL AREAS MUST BE COMPACTED TO 98% STANDARD PROCTOR (ASTM-698).
- WHERE A PIPE HAS A SLOPE GREATER THAN OR EQUAL TO 4% OR WHERE GROUNDWATER IS PRESENT, CLAY DAMS SHALL BE INSTALLED AROUND THE PIPE EVERY 100' TO PREVENT WASHOUT AROUND THE PIPE.
- ALL SUITABLE FILL SHOULD NOT CONTAIN STONES GREATER THAN 4" IN DIAMETER, FROZEN LUMPS, AND SHALL CONTAIN A MINIMAL AMOUNT OF ORGANIC MATERIALS (LESS THAN 3%).
- MATERIAL IS TO BE PLACED AT NO MORE THAN 8" INTERVALS AND COMPACTED BEFORE PLACING NEXT LAYER.

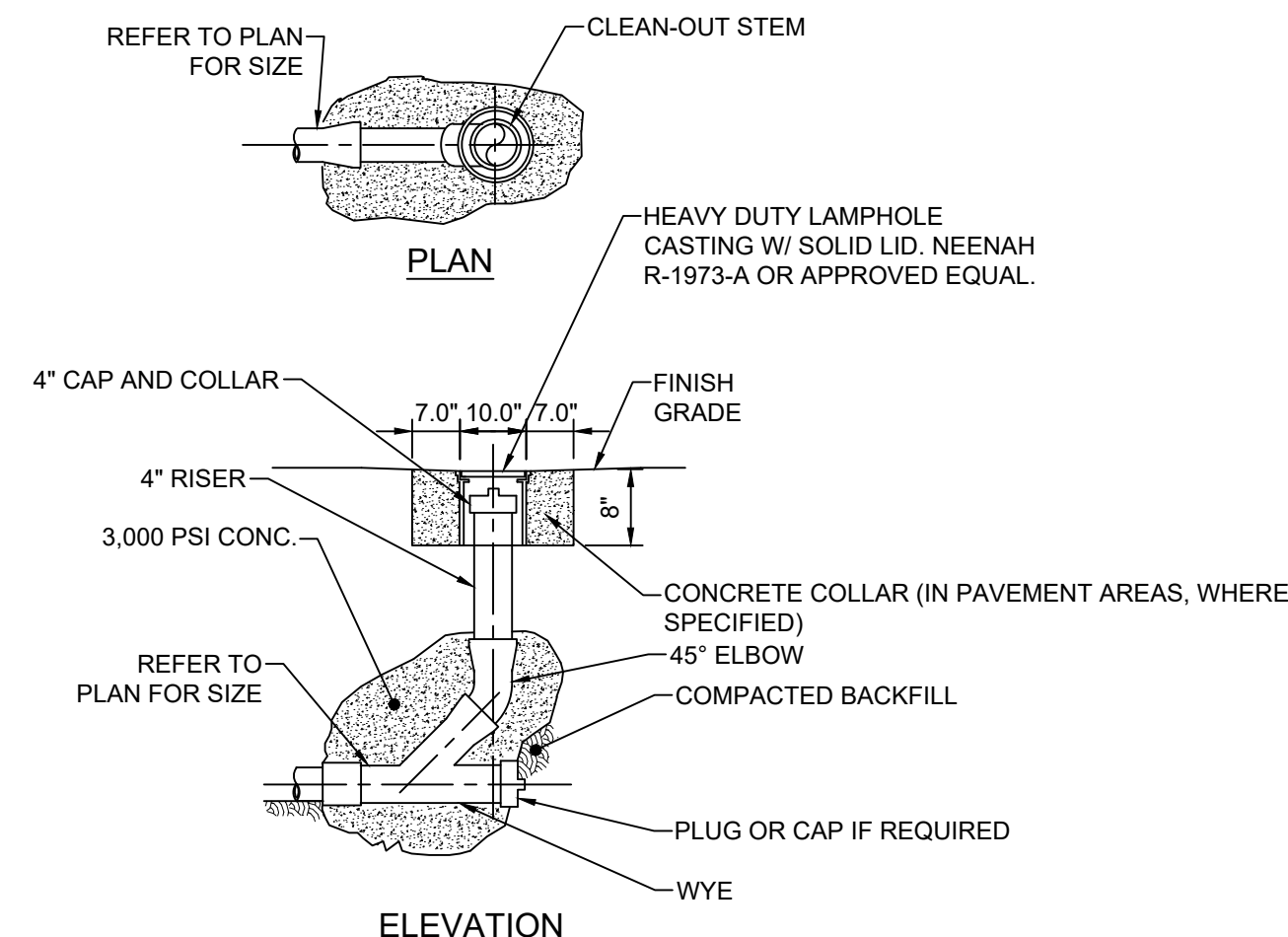
#### TRENCH DETAIL

SCALE: NTS



#### COLUMN DRAIN CONNECTION

SCALE: NTS



#### CLEANOUT DETAIL

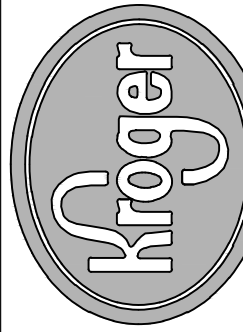
SCALE: NTS

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**SSOE**

**SSOE, INC.**  
ARCHITECTS • ENGINEERS  
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614.985.1507



The Kroger Co.  
CINCINNATI/DAYTON MARKETING AREA  
150 Tri-County Parkway  
Cincinnati, OH 45246  
Phone (513) 782-3300

Seal

#### REVISIONS

No.	DESCRIPTION	DATE
1	ISSUE FOR BIDS	04-25-2022

Project No.:	021-01869-00
Project Manager:	M. ALFIERI
Designed By:	M. SAMEEC
Drawn By:	B. SALAZAR
Checked By:	C. HARTMAN
Store No.:	A-765

Address: 601 WOODMAN DRIVE  
RIVERSIDE, OHIO 45404

#### SITE SPECIFIC DETAILS

Drawing No.:

**C5.1**



## NOTE

CONTRACTOR SHALL REQUEST A CONSTRUCTION SET PRIOR TO BEGINNING ANY WORK ON THIS PROJECT.

DESIGN BASED ON SURVEY PROVIDED BY THOMAS GRAHAM ASSOCIATES, DATED 09-21-2021. CONTRACTOR SHALL VERIFY THAT THESE PLANS ARE THE MOST CURRENT AVAILABLE PRIOR TO BEGINNING CONSTRUCTION, AND SHALL NOTIFY THE ENGINEER/OWNER IMMEDIATELY IF THEY ARE NOT.

## GENERAL NOTES (APPLICABLE TO ALL SHEETS):

- WORK SHALL CONFORM TO THE REQUIREMENTS OF GOVERNING AGENCIES HAVING JURISDICTION. GRADING, PAVING, AND MATERIALS SHALL COMPLY WITH THE STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AS WELL AS PROJECT SPECIFICATIONS AND DRAWINGS. IN CASE OF DISCREPANCIES BETWEEN REQUIREMENTS, THE MOST STRINGENT SHALL APPLY.
- DIMENSIONS SHOWN ON THESE DRAWINGS ARE TO BACK OF CURB, OUTSIDE FACE OF BUILDING FOUNDATIONS, EDGE OF PAVEMENT OR CENTER OF STRUCTURE OR SIGN UNLESS NOTED OTHERWISE.
- NO DIMENSION MAY BE SCALED. REFER UNCLEAR ITEMS TO THE ENGINEER FOR INTERPRETATION.
- ELECTRONIC CADD FILES ARE AVAILABLE UPON REQUEST FOR THE PURPOSE OF LAYOUT. SSOE GROUP CLAIMS NO RESPONSIBILITY WHATSOEVER FOR THE ELECTRONIC CADD FILES OR FOR INCORRECT INTERPRETATIONS ONCE TURNED OVER TO THE CONTRACTOR.
- CONTRACTOR SHALL OBTAIN ALL NECESSARY CONSTRUCTION PERMITS AND LICENSES REQUIRED TO PERFORM ALL REQUIRED WORK. CONTRACTOR SHALL POST ALL BONDS, PAY ALL FEES (EXCEPT AS SPECIFIED IN THE PROJECT MANUAL), PROVIDE PROOF OF INSURANCE AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.

## LEGAL DESCRIPTION:

FIDELITY NATIONAL TITLE INSURANCE COMPANY 8249

COMMITMENT NO.: 20-10-00203  
COMMITMENT DATE: NOVEMBER 13, 2020  
SCHEDULE C  
LEGAL DESCRIPTION

THE LAND IS DESCRIBED AS FOLLOWS:

THE LEGAL DESCRIPTION IS INADEQUATE FOR TRANSFER AND AN ACCEPTABLE NEW DESCRIPTION AND SURVEY MUST BE PRESENTED TO THE MONTGOMERY COUNTY AUDITOR PRIOR TO RECORDING.

SITUATE IN MAD RIVER TOWNSHIP, COUNTY OF MONTGOMERY AND STATE OF OHIO AND BEING PART OF LOT NUMBERS 4, 5, 6, 7 AND 10 AND ALL OF LOTS NUMBERS 11 THRU 25 INCLUSIVE TOGETHER WITH PART OF VACATED EVERGLAD AVENUE, AND ALL OF VACATED SUNBERRY AND VACATED NARCISSUS AVENUE AS SHOWN ON THE LAYMON-BYERS PLAT AS RECORDED ON PLAT BOOK N , PAGE 72 ON THE PLAT RECORDS OF SAID COUNTY, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS BEGINNING AT AN IRON PIN AT THE INTERSECTION OF THE SOUTH LINE OF NARCISSUS AVENUE WITH THE EAST RIGHT-OF-WAY LINE OF THE B&O RAILROAD (IRONTON DIVISION); THENCE N 32° 22' 08" E WITH THE WEST LINE OF LOT NOS. 25, 24, 20 AND 19 AND WITH THE NORTHEAST EXTENSION OF LOT NO. 24 TO THE SOUTHWEST CORNER OF LOT NO. 20, AND WITH THE EAST RIGHT-OF-WAY LINE OF THE B&O RAILROAD (IRONTON DIVISION) A DISTANCE OF 785.10 FEET TO AN IRON PIN; THENCE NORTHEASTWARDLY WITH THE WEST LINE OF LOT NO. 19 AND WITH THE EAST RIGHT-OF-WAY LINE OF SAID RAILROAD ALONG THE ARC OF A REGULAR CURVE TO THE LEFT HAVING A RADIUS OF 1457.69 FEET A DISTANCE OF 143.62 FEET TO AN IRON PIN AT THE NORTHWEST CORNER OF LOT NO. 19; THENCE S 85° 07' 52" E WITH THE NORTH TINE OF LOT NUMBERS 19 AND 18 AND WITH THE EASTWARD EXTENSION OF THE NORTH LINE OF LOT NO. 18 A DISTANCE OF 176.00 FEET TO AN IRON PIN; THENCE S 4° 13' 43" W A DISTANCE OF 200.00 FEET TO AN IRON PIN; THENCE S 85° 07' 52" E, A DISTANCE OF 208.22 FEET TO AN IRON PIN IN THE WEST RIGHT-OF-WAY LINE OF WOODMAN DRIVE; THENCE S 4° 35' 49" E, WITH SAID WEST RIGHT-OF-WAY LINE 204.74 FEET TO AN IRON PIN; THENCE SOUTHEASTWARDLY ALONG THE ARC OF A REGULAR CURVE TO THE RIGHT HAVING A RADIUS 4217.18 FEET A DISTANCE OF 390.73 FEET TO AN IRON PIN AT THE INTERSECTION OF THE WEST RIGHT-OF-WAY LINE OF WOODMAN DRIVE WITH THE SOUTH TINE OF LOT NO. 4; THENCE N 85° 06' 22" W WITH THE SOUTH TINE OF LOT NO. 4 A DISTANCE OF 50.00 FEET TO A CORNER; THENCE S 4° 15' 45" W A DISTANCE OF 27.15 FEET TO THE SOUTH TINE OF NARCISSUS AVENUE; THENCE N. 85° 44' 15" W WITH THE SOUTH LINE OF SAID NARCISSUS AVENUE 837.37 FEET TO THE PLACE OF BEGINNING, CONTAINING 10.899 ACRES, MORE OR LESS.

## OWNER/DEVELOPER

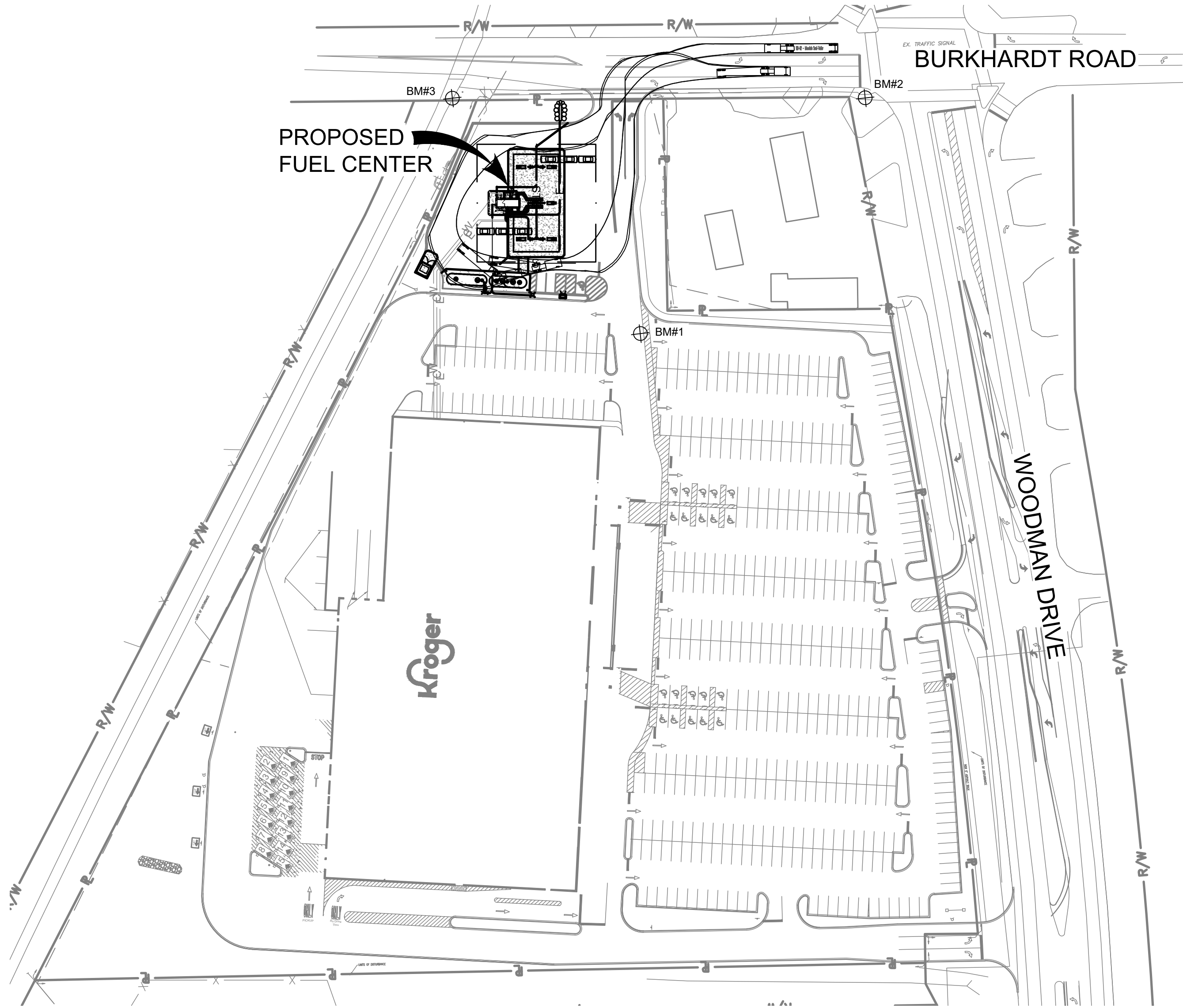
THE KROGER LIMITED PARTNERSHIP I  
11310 CORNELL PARK DR.  
CINCINNATI, OH 45246  
CONTACT: KRISTIN CAMPBELL  
PH: (513) 782-3312

## CIVIL ENGINEER

SSOE, INC.  
100 EAST CAMPUS VIEW BLVD.,  
SUITE 340  
COLUMBUS, OH 43235  
PH: (614) 985-1507  
FAX: (614) 985-1723

# PROPOSED FUEL CENTER KROGER A765

MONTGOMERY COUNTY  
RIVERSIDE, OHIO  
PARCEL I.D. NUMBER: I39 00919 0034



## BENCH MARK AND CONTROL POINT TABLE

NO.	DESCRIPTION
BM#1	TRAV NAIL #3
	NORTHING 644699.93
	EASTING 1512685.37
	ELEVATION 817.03
BM#2	TRAV T-9
	NORTHING 644867.47
	EASTING 1512920.73
	ELEVATION 815.39
BM#3	TRAV NAIL #10
	NORTHING 644910.20
	EASTING 1512533.79
	ELEVATION 825.44



0' 80' 160' 240'  
GRAPHIC SCALE : 1" = 80'

## STANDARD LEGEND

DESCRIPTION	PROPOSED	EXISTING
STORM SEWER	ST	
UNDERDRAIN	UD	
SANITARY SEWER	S	
SANITARY FORCE MAIN	FM	
WATER	W	
ELECTRIC	E	
COMMUNICATION	C	
PROPERTY LINE	P	
SETBACK LINE	S/B	
RIGHT-OF-WAY LINE	R/W	
CONCRETE		
ASPHALT - HEAVY DUTY		
ASPHALT - LIGHT DUTY		
CLEAN OUT		
MANHOLE		
CATCH BASIN		
OIL WATER SEPARATOR		
SIGN		
LIGHT POLE		
WATER VALVE		
TREES & SHRUBS		

## PERMITS / SUBMITTALS

SEPARATE PERMITS, DEFERRED SUBMITTALS  
(BY CONTRACTOR OR OTHERS)  
BUILDING AND SITE MONUMENT SIGNAGE  
FIRE SUPPRESSION SYSTEM

SUBJECT  
SITE



## SHEET INDEX LEGEND

00-00-00	MOST RECENT REVISION DATE
	LATEST REVISION NUMBER
	FILLED CIRCLE INDICATES DRAWING INCLUDED WITH THIS ISSUE

ISSUE/REVISION	DATE	SHEET NO.	SHEET NAME
----------------	------	-----------	------------

## GENERAL (BY SSOE)

04-25-2022	G0.1.....COVER SHEET
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## CIVIL (BY SSOE)

04-25-2022	C1.1.....SITE LAYOUT PLAN
04-25-2022	C1.2.....GRADING PLAN
04-25-2022	C1.3.....UTILITY PLAN
04-25-2022	C1.4.....SWPPP
04-25-2022	C2.1.....COLOR ELEVATION & SIGNAGE DETAILS
04-25-2022	C5.1.....SITE SPECIFIC DETAILS

## SURVEY

01-19-2020	ALTA SURVEY (FOR REFERENCE ONLY)
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## ARCHITECTURAL (BY GALLOWAY)

04-25-2022	A1.0.....CONSTRUCTION & FOUNDATION PLANS
04-25-2022	A1.1.....CONSTRUCTION & FOUNDATION DETAILS
04-25-2022	A2.0.....EXTERIOR ELEVATIONS AND SIGNAGE
04-25-2022	A3.0.....YARD DETAILS
04-25-2022	A3.1.....YARD DETAILS
04-25-2022	A3.2.....TRASH ENCLOSURE PLAN & DETAILS
04-25-2022	E1.0.....ELECTRICAL PLANS AND DETAILS
04-25-2022	E2.0.....ELECTRICAL PLANS AND DETAILS
04-25-2022	E3.0.....DISPENSER AND LEAK DETECTION WIRING
04-25-2022	T1.0.....TYPICAL FUELING LAYOUTS
04-25-2022	T2.0.....TANK AND PIPING MATERIALS LIST (1 OF 2)
04-25-2022	T2.1.....TANK AND PIPING MATERIALS LIST (2 OF 2)
04-25-2022	T3.0.....20,000 GALLON TANK PLAN AND SECTION INSTALLATION DETAILS
04-25-2022	T3.1.....10,000/8,000 GALLON TANK PLAN AND SECTION INSTALLATION DETAILS
04-25-2022	T4.0.....TANK SLAB, ANCHORING AND MISCELLANEOUS INSTALLATION DETAILS
04-25-2022	T5.0.....TANK TURBINE/FILL SUMP AND STATIC GROUNDING INSTALLATION DETAILS
04-25-2022	T6.0.....TANK TURBINE SUMP AND MISCELLANEOUS INSTALLATION DETAILS (ALL CONFIGURATIONS)
04-25-2022	T7.0.....TANK FILL SUMP AND FITTING INSTALLATION DETAILS
04-25-2022	T8.0.....DISPENSER AND PIPING INSTALLATION DETAILS WAYNE OVATION 3+0
04-25-2022	T8.1.....DISPENSER AND PIPING INSTALLATION DETAILS WAYNE OVATION 3+1

## CANOPY (BY MCGEE)

04-04-2022	E1.....FRAMING PLAN
04-04-2022	E2.....ELEVATIONS
04-04-2022	F1.....FOUNDATION PLAN
04-04-2022	L1.....LIGHT LAYOUT
04-04-2022	STRUCTURAL STEEL CALCULATIONS (7 SHEETS)

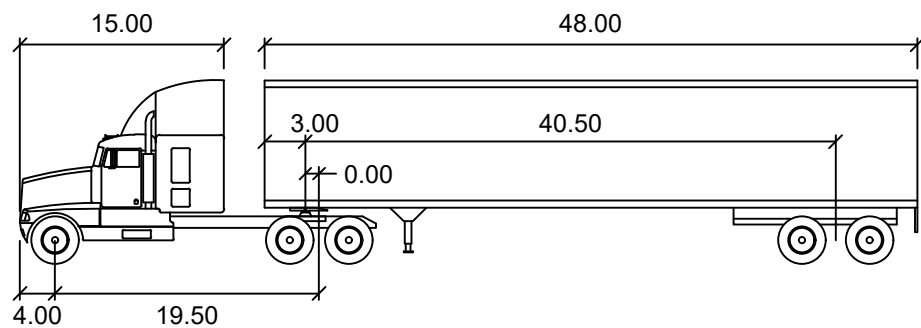
## KIOSK (BY VFS)

04-22-2022	CS-1.....COVER SHEET
04-22-2022	F-1.....FOUNDATION PLAN
04-22-2022	A-1.....FLOOR PLAN AND EXTERIOR ELEVATIONS
04-22-2022	A-2.....BUILDING SECTION
04-22-2022	A-3.....BUILDING SECTION
04-22-2022	A-4.....SHELVING PLAN
04-11-2022	E-1.....ELECTRICAL PLANS
04-11-2022	E-2.....ELECTRICAL SCHEDULES & DETAILS
04-11-2022	P-1.....PLUMBING PLAN
04-11-2022	M-1.....MECHANICAL PLAN
04-22-2022	S-1.....STEEL FRAMING PLAN
04-22-2022	S-2.....STEEL FRAMING DETAILS
04-22-2022	SP-1.....SPECIFICATION SHEET
04-22-2022	ES-1.....EQUIPMENT SCREEN
	COMPLIANCE CERTIFICATES (11 SHEETS)



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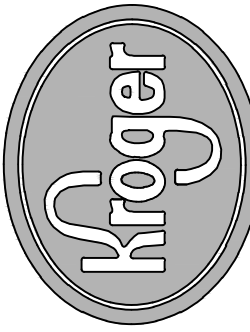


## WB-62

	feet
Tractor Width	: 8.00
Tractor Track	: 8.50
Trailer Width	: 8.50
Trailer Track	: 8.50
Lock to Lock Time	: 6.00
Steering Angle	: 28.4
Articulating Angle	: 70.0

SSOE<sup>TM</sup>

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Cincinnati, OH 45246  
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Seal

REVISIONS

DATE	DESCRIPTION	ISSUE FOR BIDS
04-25-2022		

Project No.:	021-01869-00
Project Manager:	M. ALFIERI
Designed By:	M. SAMIEC
Drawn By:	B. SALAZAR
Checked By:	C. HARTMAN
Store No.:	A-765
Address:	601 WOODMAN DRIVE RIVERSIDE, OHIO 45404

## COVER SHEET

Drawing No.:

G0.1