

1501 E US HWY 40,  
LEE'S SUMMIT, MO 64015

PERMIT REVISIONS SET: 06-01-2023

DRAWING INDEX

ARCHITECTURAL

- G001 COVER SHEET
- G002 CODE ANALYSIS AND LIFE SAFETY
- A101.0 SITE PLAN
- A101.1 SCHEDULES AND LEGENDS
- A101.2 FLOOR + DOOR + FURN. PLAN - BLDG.
- A110.1 FLOOR FINISH PLAN
- A201.1 REFLECTED CEILING PLAN - BUILDING
- A210.1 EXTERIOR ELEVATIONS - BUILDING
- A210.2 EXTERIOR ELEVATIONS - BUILDING
- A210.4 RESTROOM ELEVATIONS
- A212.1 INTERIOR AND EXTERIOR DETAILS

STRUCTURAL

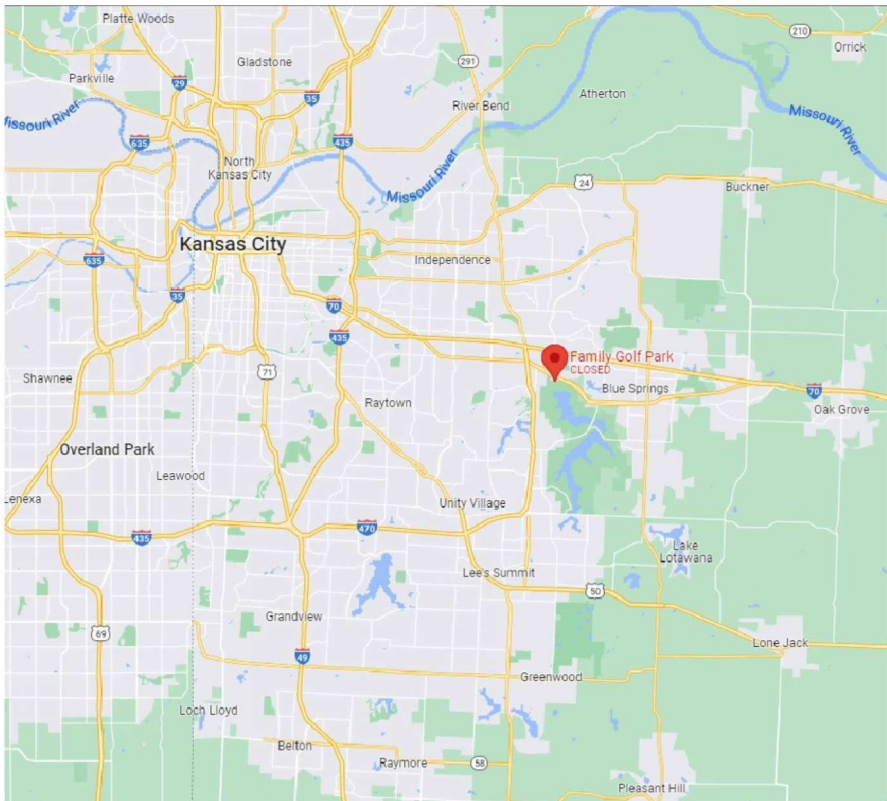
- S0.01 GENERAL NOTES & TYPICAL DETAILS
- S0.02 GENERAL NOTES & TYPICAL DETAILS
- S1.01 FOUNDATION PLAN & SECTIONS
- S2.01 BUILDING LAYOUT
- S2.02 UNIT 1A LAYOUT
- S2.03 UNIT 1B LAYOUT
- S2.04 UNIT 2A LAYOUT
- S2.05 UNIT 2B LAYOUT
- S2.06 UNIT 2B LAYOUT
- S2.07 STACKED UNIT LAYOUT
- S2.08 PLATFORM LAYOUT
- S2.09 STAIR LAYOUT
- S3.01 FOUNDATION SECTIONS
- S4.01 SECTIONS & DETAILS
- S4.02 SECTIONS & DETAILS
- S4.03 SECTIONS & DETAILS
- S4.04 SECTIONS & DETAILS
- S4.05 SECTIONS & DETAILS
- S4.06 SECTIONS & DETAILS
- S4.07 SECTIONS & DETAILS

- S4.08 SECTIONS & DETAILS
- S4.09 SECTIONS & DETAILS
- S4.10 SECTIONS & DETAILS
- S4.11 SECTIONS & DETAILS
- S4.12 SECTIONS & DETAILS
- S4.13 SECTIONS & DETAILS
- S4.14 SECTIONS & DETAILS

MECHANICAL + PLUMBING + ELECTRICAL

- MP0 MECHANICAL/PLUMBING SPECIFICATIONS
- P1 PLUMBING WASTE AND VENT FLOOR PLAN
- P2 PLUMBING WATER FLOOR PLAN
- P3 PLUMBING RISER DIAGRAMS
- P4 GREASE INTERCEPTOR DETAIL
- M1 MECHANICAL FLOOR PLAN
- M2 MECHANICAL SCHEDULES
- M3 MECHANICAL HOOD SHEETS
- M4 MECHANICAL HOOD SHEETS
- M5 MECHANICAL HOOD SHEETS
- M6 MECHANICAL HOOD SHEETS
- M7 MECHANICAL HOOD SHEETS
- E0 ELECTRICAL SPECIFICATIONS
- E1 ELECTRICAL LIGHTING PLAN
- E2 ELECTRICAL POWER PLAN

- E101 ELECTRICAL SITE PLAN
- E601 ELECTRICAL ONE-LINE DIAGRAM AND SCHEDULES
- E602 PANEL SCHEDULES



PROJECT CONTACTS

OWNER:  
BLUE JEANS GOLF  
3333 LEE PARKWAY SUITE 460  
DALLAS, TX 75219  
ATTN: DEVIN CHARHON

ARCHITECT:  
HARRISON FRENCH & ASSOC., LTD  
1705 S WALTON BLVD, SUITE 3  
BENTONVILLE, AR 72712  
ATTN: KARL GUIDER  
PH: 479-273-7780, EXT. 125  
CELL: 773-679-0600



DISCLAIMER: EXISTING CONDITIONS SHOWN ARE BASED ON DRAWING AND/OR INFORMATION PROVIDED BY THE OWNER'S REPRESENTATIVE. THE ARCHITECT AND ENGINEERS HAVE NOT FIELD VERIFIED THIS INFORMATION AND ASSUME NO RESPONSIBILITY FOR THE ACCURACY AND COMPLETENESS OF THIS INFORMATION. THE GENERAL CONTRACTOR SHALL NOTIFY BOTH THE ARCHITECT AND THE OWNER'S REPRESENTATIVE IMMEDIATELY IF THE EXISTING CONDITIONS ARE NOT AS SHOWN WITHIN THE CONSTRUCTION DOCUMENTS.



1705 S. Walton Blvd., Suite 3  
Bentonville, Arkansas 72712  
t 479.273.7780  
f 888.520.9685  
www.hfa-ac.com

STIPULATION FOR REUSE  
THIS DRAWING WAS PREPARED FOR USE ON THE PROJECT DESCRIBED HEREIN. IT IS NOT TO BE REUSED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF HFA ARCHITECTURE ENGINEERING. ANY REUSE OF THIS DRAWING FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF HFA ARCHITECTURE ENGINEERING IS A VIOLATION OF THE PROFESSIONAL ETHICS OF ARCHITECTS AND ENGINEERS. ANY REUSE OF THIS DRAWING FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF HFA ARCHITECTURE ENGINEERING IS A VIOLATION OF THE PROFESSIONAL ETHICS OF ARCHITECTS AND ENGINEERS.

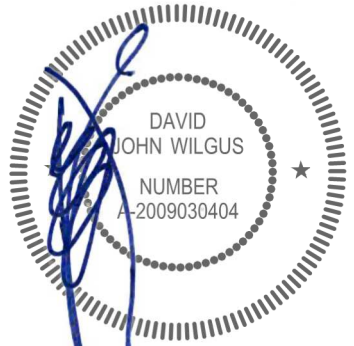
FAMILY GOLF PARK

1501 E US HWY 40  
LEE'S SUMMIT, MO 64064  
JOB NUMBER: 17-22-0007

ISSUE BLOCK

PERMIT	04/06/23
PERMIT REVS	05/10/23
PLAN REVS	05/23/23
PERMIT REVS	06/01/23

CHECKED BY: NP / EB  
DRAWN BY: KG  
DOCUMENT DATE: 06/01/23



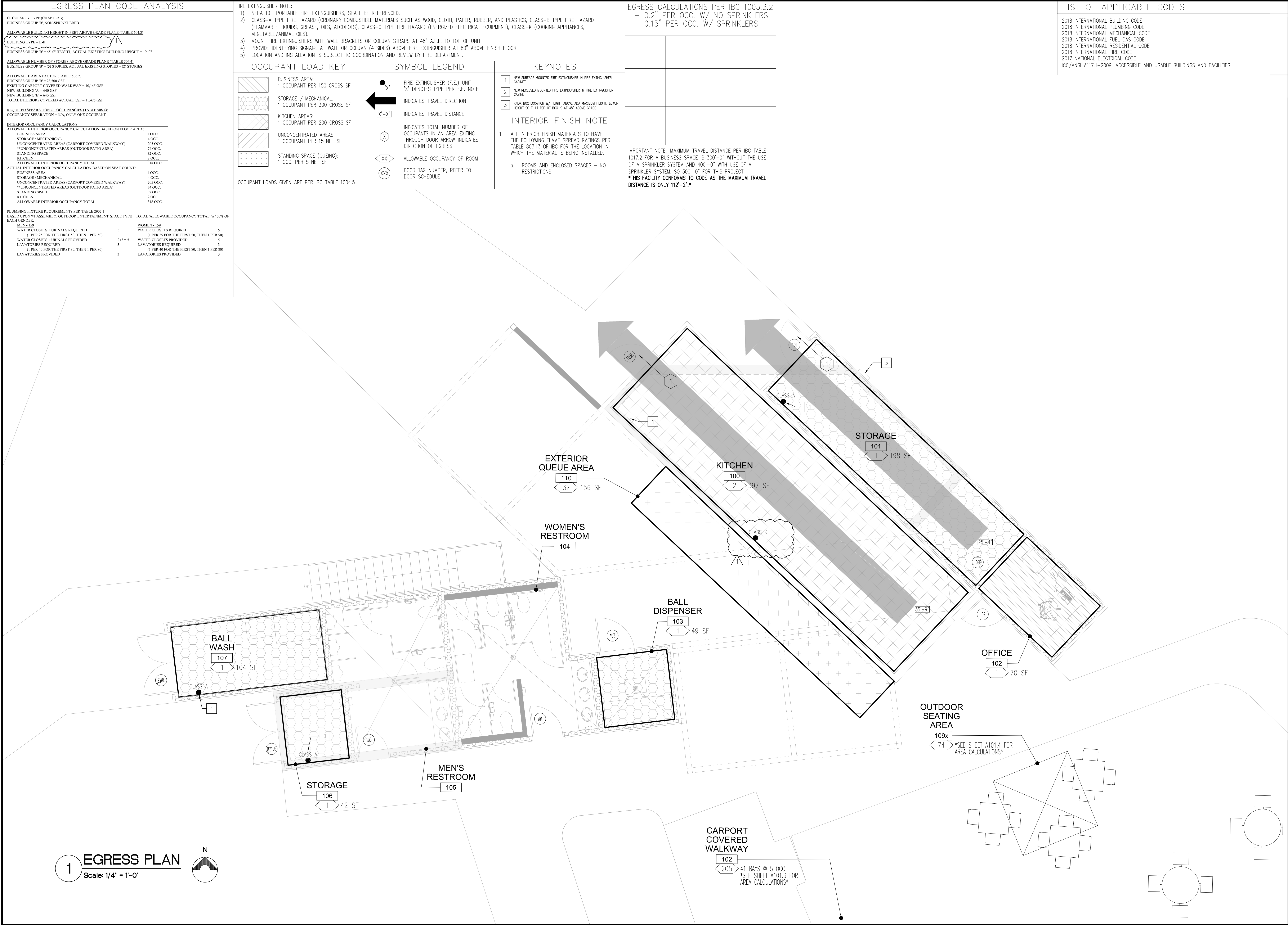
2023.06.02 13:55:46-05'00'

DAVID JOHN WILGUS, ARCHITECT  
A-2009030404  
HARRISON FRENCH &  
ASSOCIATES, LTD  
A-2005011993-F

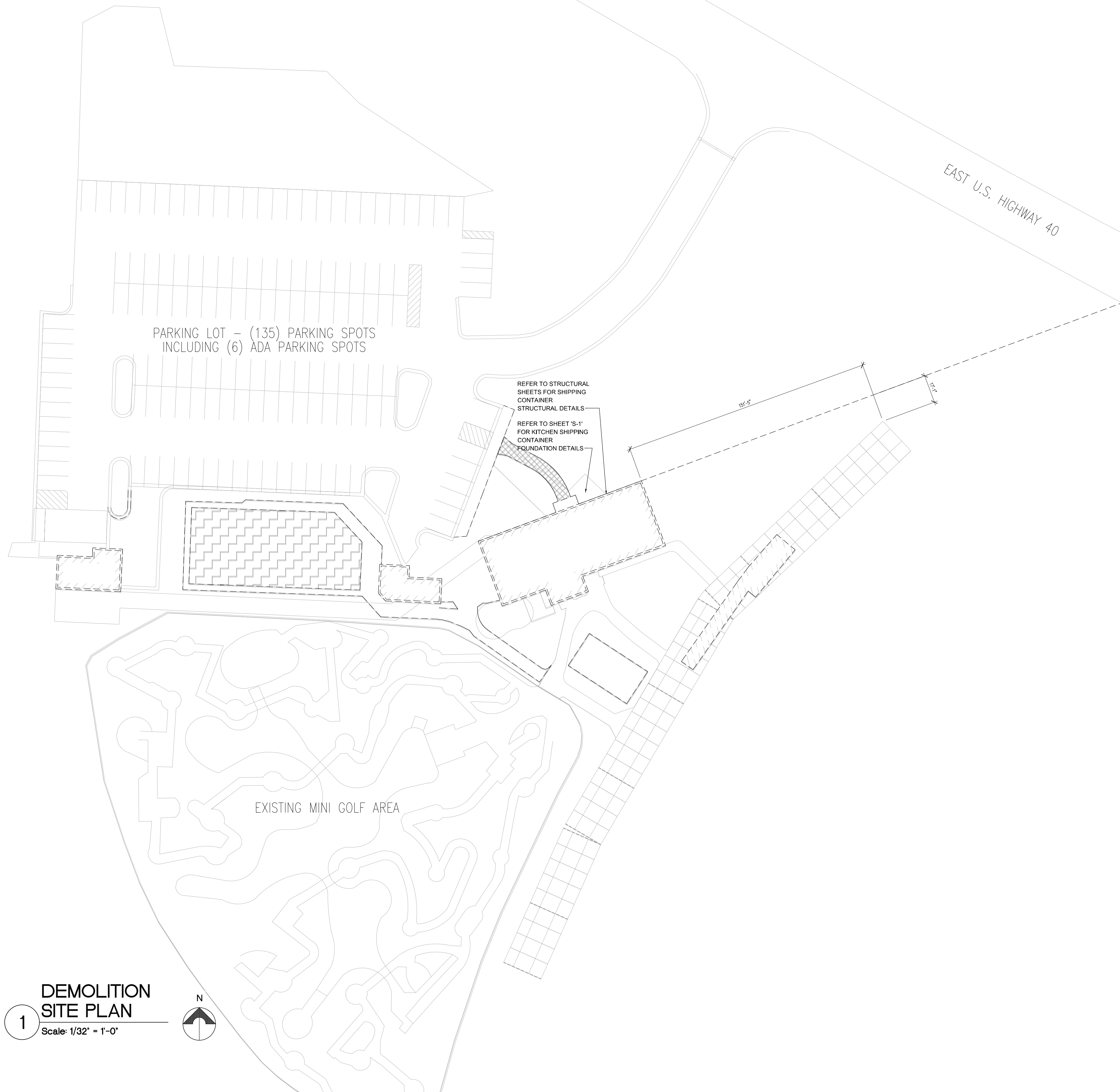
COVER SHEET

SHEET: G001









**1**

**DEMOLITION SITE PLAN**

Scale: 1/32" = 1'-0"

N

1705 S. Walton Blvd., Suite 3  
Bentonville, Arkansas 72712  
t 479.273.7780  
f 888.520.9685  
www.hfa-ac.com

**STIPULATION FOR REUSE**

THIS DRAWING WAS PREPARED FOR USE ON THE PROJECT DESCRIBED HEREIN. IT IS NOT TO BE REUSED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF HFA ARCHITECTURE ENGINEERING. ANY REUSE OF THIS DRAWING FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF HFA ARCHITECTURE ENGINEERING IS PROHIBITED. ANY REUSE OF THIS DRAWING FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF HFA ARCHITECTURE ENGINEERING IS PROHIBITED. ANY REUSE OF THIS DRAWING FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF HFA ARCHITECTURE ENGINEERING IS PROHIBITED.

**FAMILY GOLF PARK**

1501 E US HWY 40  
LEE'S SUMMIT, MO 64064

JOB NUMBER: 17-22-0007

**ISSUE BLOCK**

PERMIT	DATE
PERMIT	04/06/23
PERMIT REVS	05/10/23
PLAN REVS	05/23/23
PERMIT REVS	06/01/23

CHECKED BY: NP / EB

DRAWN BY: KG

DOCUMENT DATE: 06/01/23

2023.06.02 13:56:36-05'00'

DAVID JOHN WILGUS, ARCHITECT  
A-2009030404  
HARRISON FRENCH & ASSOCIATES, LTD  
A-2005011993-F

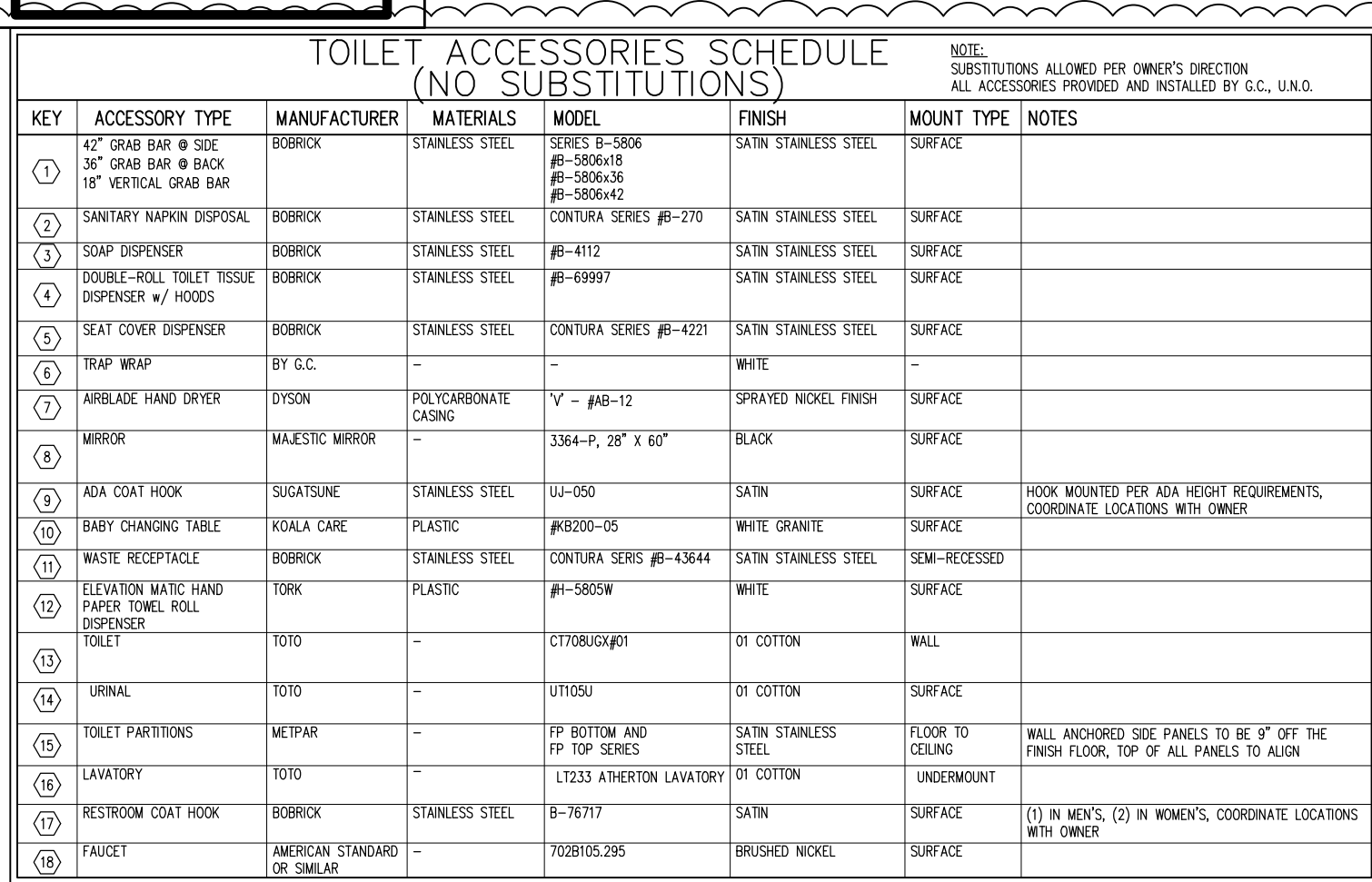
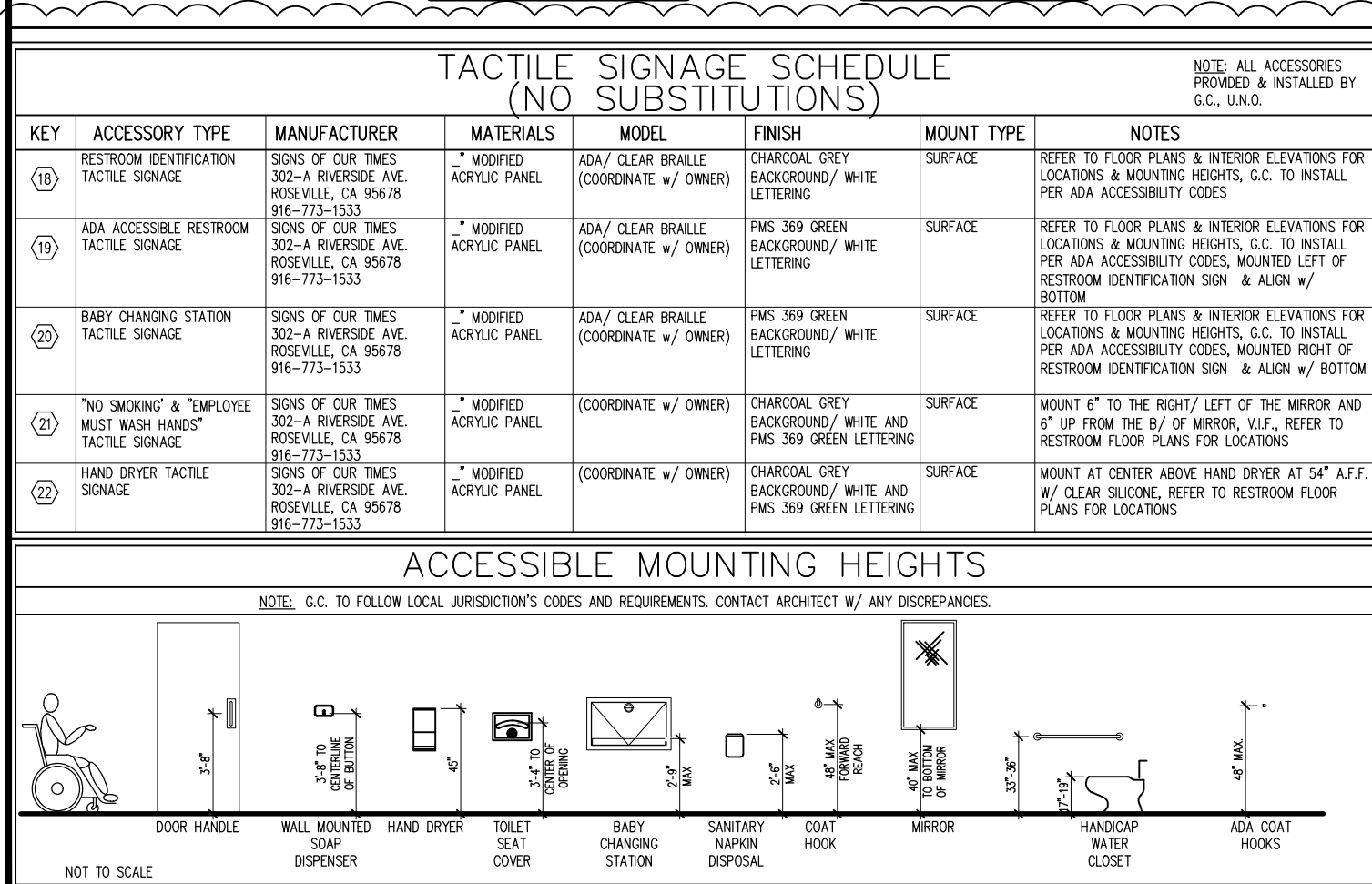
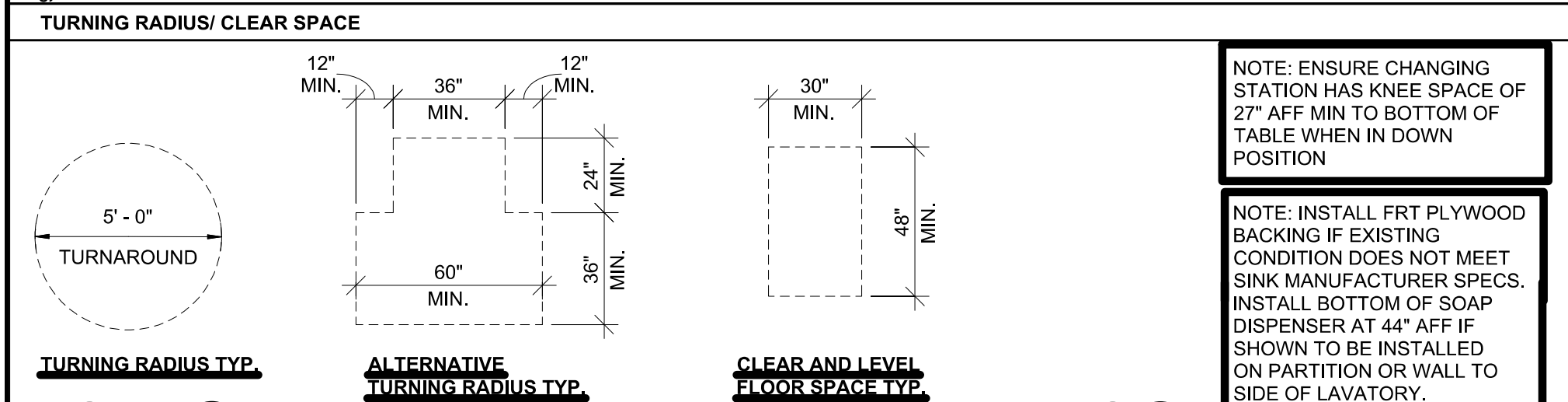
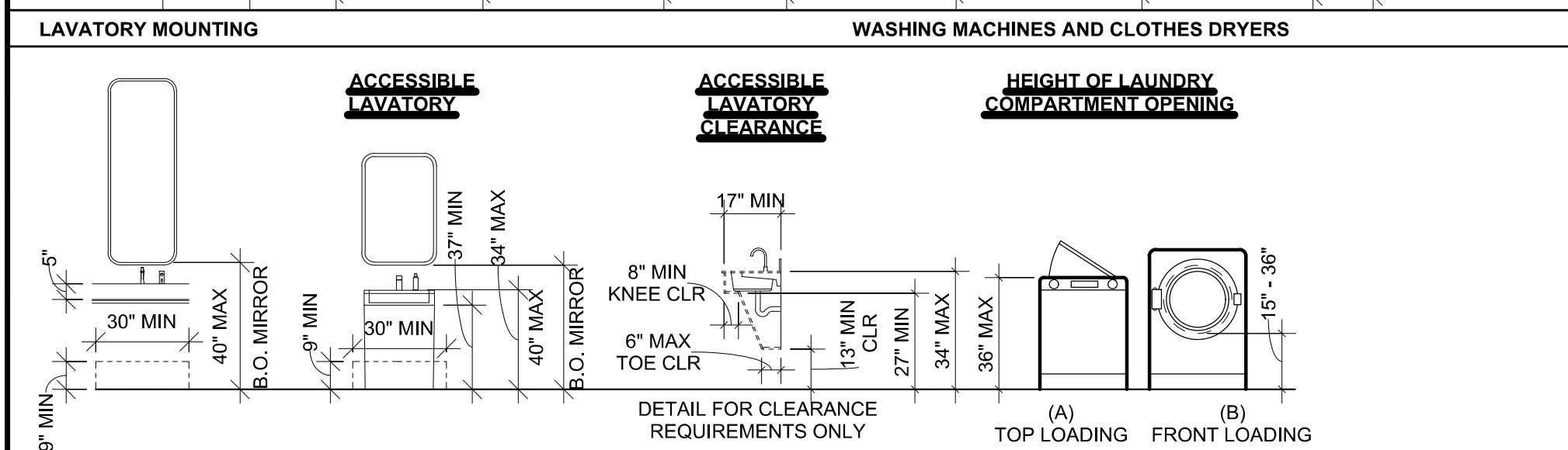
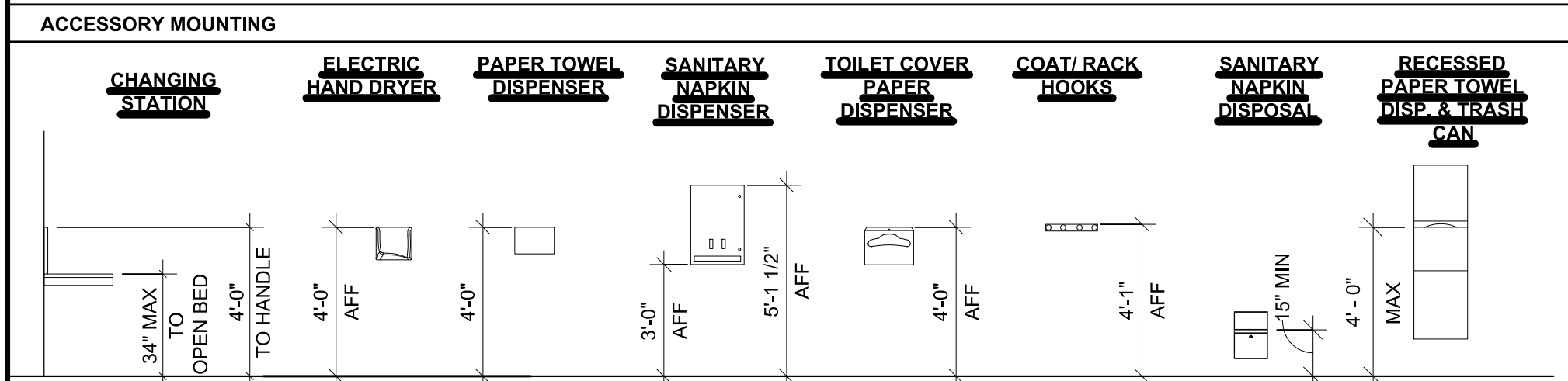
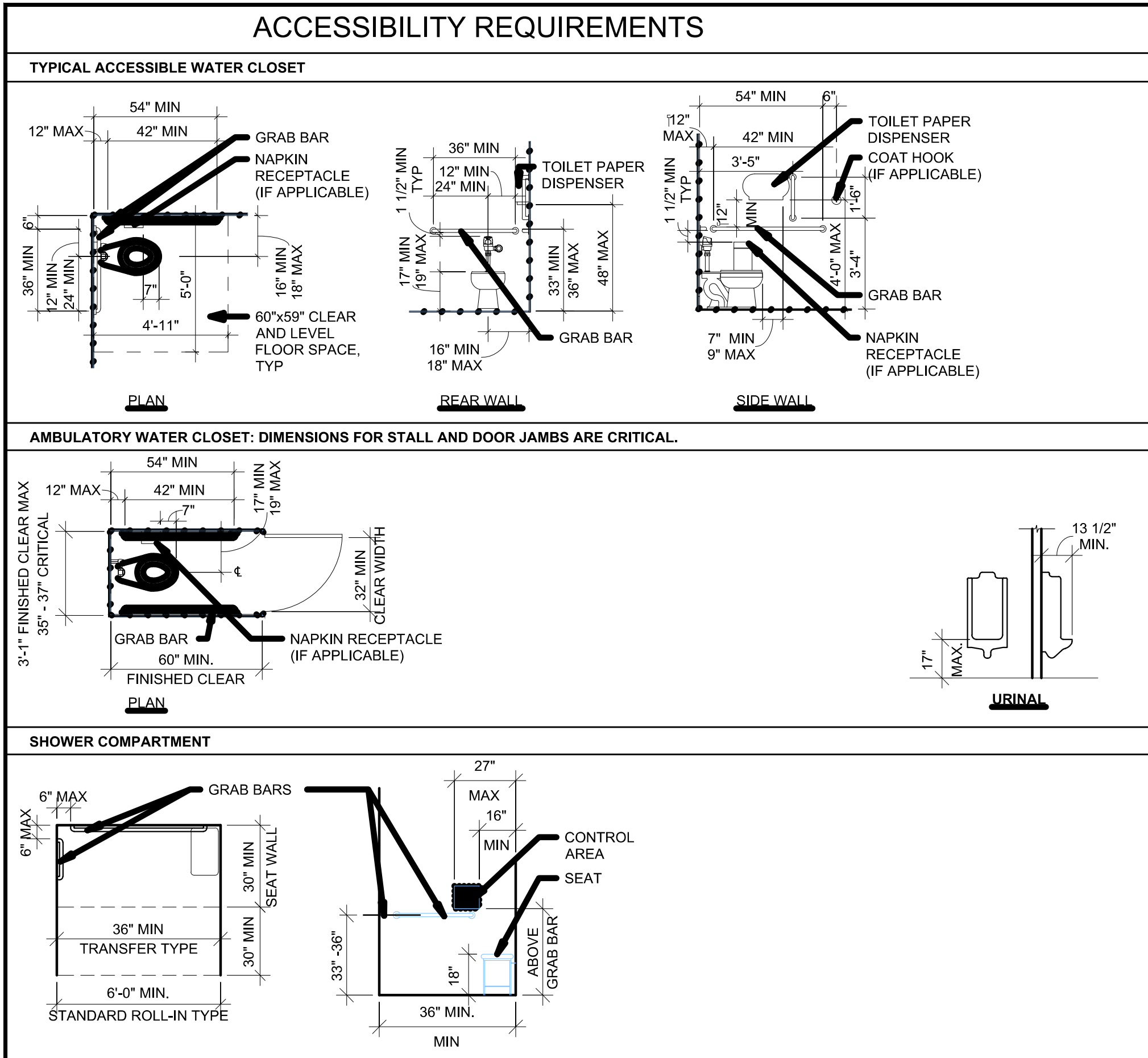
**DEMOLITION SITE PLAN**

SHEET: **D101.0**



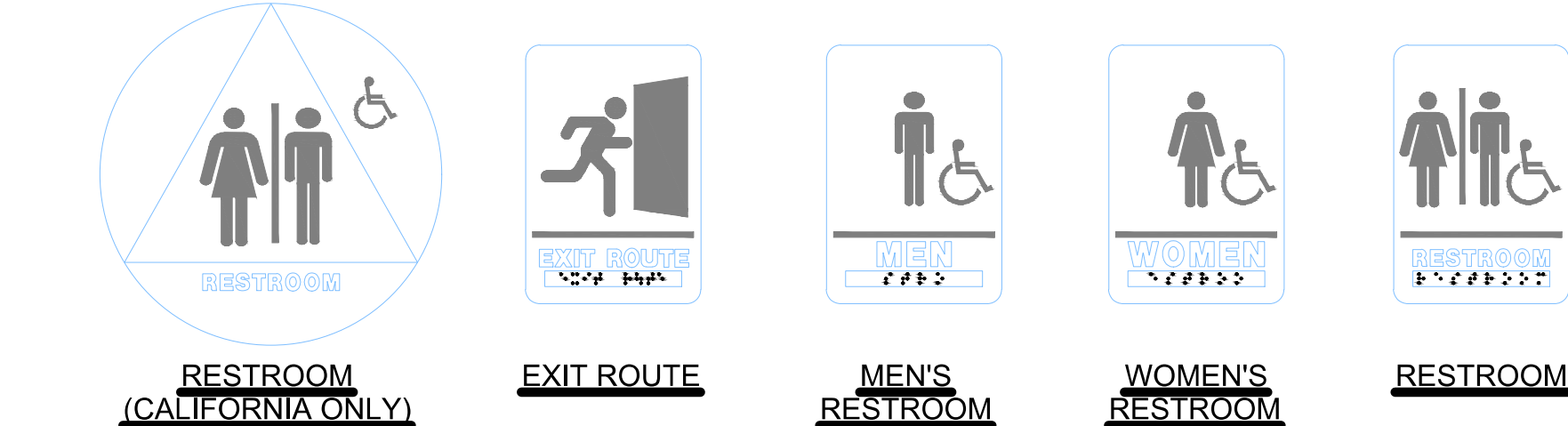




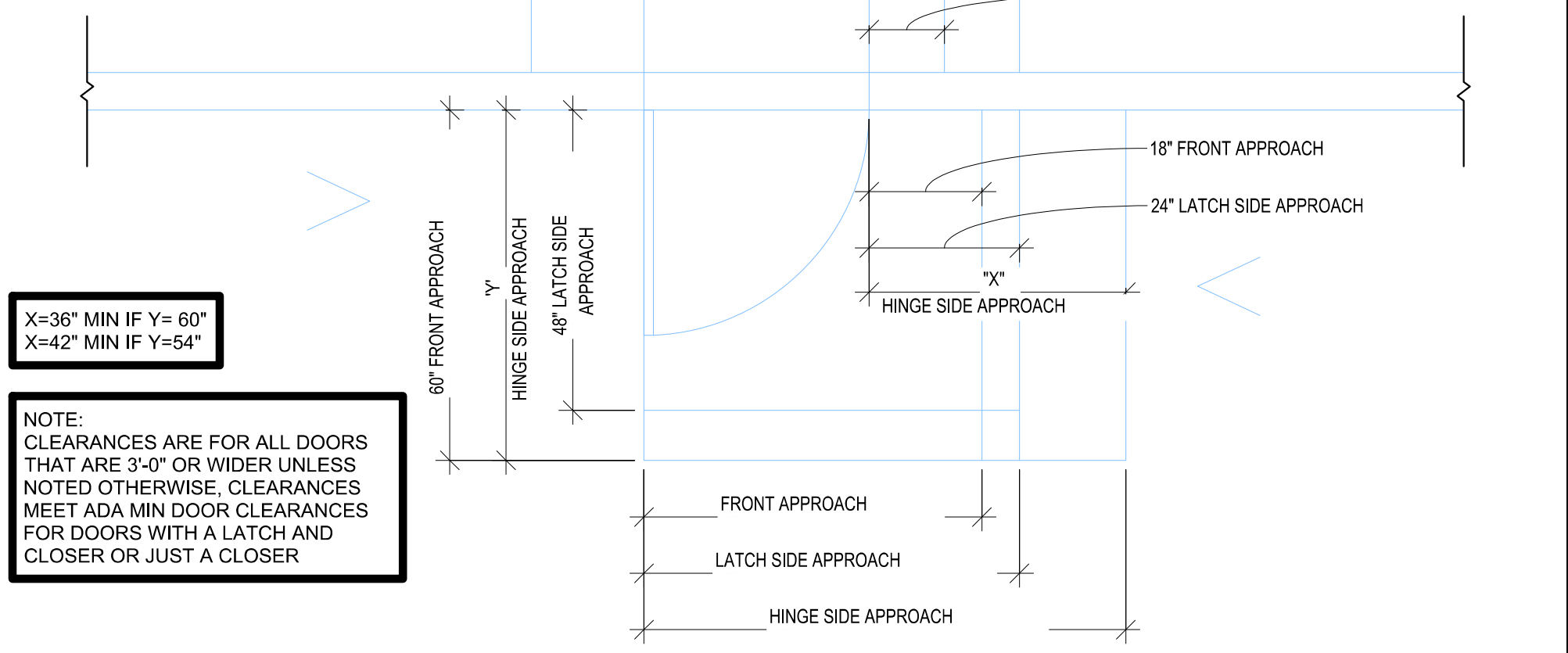
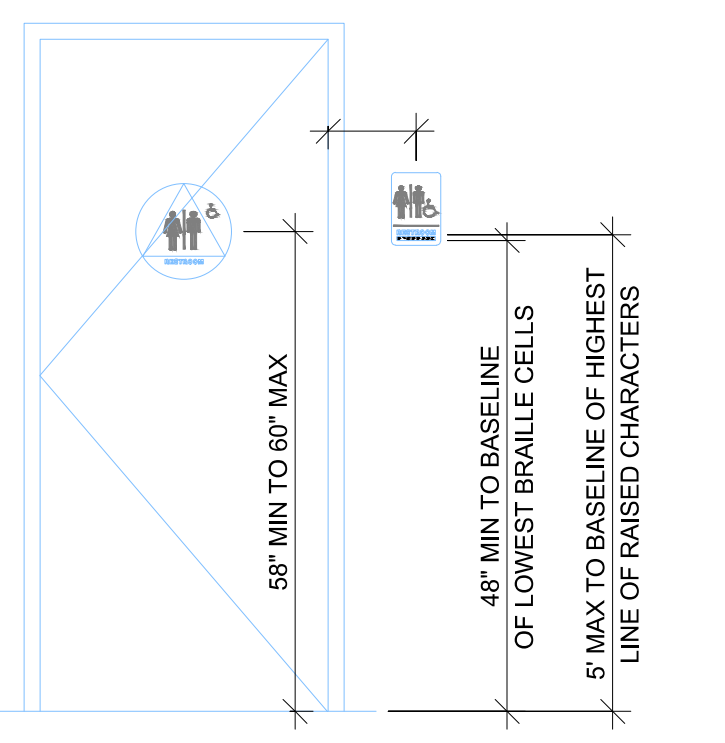


- GENERAL NOTES
- ALL WORK SHALL BE DONE IN A SAFE AND WORKMANLIKE MANNER AND IN STRICT ACCORDANCE WITH THE LOCAL AND/OR STATE (IF APPLICABLE) BUILDING CODES, NATIONAL ELECTRIC CODE (NEC), ADA-ADAAGS (ADOPTED HANDICAP ACCESSIBILITY REQUIREMENTS) TEXAS ACCESSIBILITY CODE, OSHA AND ALL APPLICABLE CODES, REGULATIONS, ORDINANCES, AND AUTHORITIES HAVING JURISDICTION.
  - ALL SUBCONTRACTORS ARE RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT THEMSELVES WITH THIS KNOWLEDGE DOES NOT RELIEVE THEM OF ANY RESPONSIBILITY FOR PERFORMING THEIR WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.
  - THE CONTRACTOR SHALL KEEP WORK AREA CLEAN AND FREE OF DEBRIS AND IS TO REMOVE ALL TRASH AND DEBRIS FROM THE CONSTRUCTION AREA DAILY. NO FLAMMABLE MATERIALS OR LIQUIDS MAY BE STORED IN THE BUILDINGS
  - THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ENSURING THE SAFETY OF ALL PERSONS ON THE JOB SITE AT ALL TIMES, INCLUDING BUT NOT LIMITED TO ALL SUBCONTRACTORS, VENDORS, DESIGN STAFF PROFESSIONALS, AND INSPECTION PERSONNEL.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TIMELY ORDERING OF MATERIALS TO PROHIBIT DELAYS OF THE CONSTRUCTION SCHEDULE OF THIS PROJECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE DELIVERY OF MATERIALS IN A TIMELY MANNER.
  - ALL MATERIALS ARE TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS AND ALL SUBCONTRACTORS ARE TO INSURE THAT ALL MANUFACTURER'S WARRANTIES WILL BE HONORED.
  - ALL CONSTRUCTION MATERIAL, TECHNIQUES AND PERFORMANCE VALUES ARE TO MEET APPLICABLE CODES INDICATED IN "PROJECT INFORMATION" TABLE LISTED IN THIS SET.
  - THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THIS PROJECT IS CONSTRUCTED IN ACCORDANCE WITH THESE DOCUMENTS AND IN COMPLIANCE WITH CODES INDICATED HEREIN. THE QUALITY OF WORKMANSHIP AND INSTALLATION OF MATERIALS SPECIFIED BY THE ARCHITECT ARE THE RESPONSIBILITY OF THE OWNER/CONTRACTOR. THE ARCHITECT WILL NOT BE HELD RESPONSIBLE FOR ANY SUBSTANDARD OR INSUFFICIENT WORKMANSHIP MATERIALS OR SERVICES PROVIDED IN THE EXECUTION OF ANY PHASE OF CONSTRUCTION OF THIS PROJECT.
  - DO NOT SCALE DRAWINGS. CONTRACTOR SHALL RELY ON WRITTEN DIMENSIONS AS GIVEN. LARGE SCALE DETAILS SHALL GOVERN OVER SMALL SCALE DETAILS.
  - THE GENERAL CONTRACTOR SHALL RESPOND TO ALL REQUIREMENTS OF THE STRUCTURAL ENGINEER/ARCHITECT FOR VERIFICATIONS, RESPONSES AND SUBMISSIONS.
  - DURING ENTIRE CONSTRUCTION PERIOD, PROVIDE ONE U.L. LISTED 2A20BC DRY CHEMICAL FIRE EXTINGUISHER, OR ONE STANDARD U.L. LISTED 2-1/2 GALLON WATER (E-1D) AND ONE U.L. LISTED 10BC CARBON DIOXIDE FIRE EXTINGUISHER MOUNTED TOGETHER IN EACH 3000 SQ. FT. OF WORK AREA OR FRACTION THEREOF (MINIMUM OF TWO AVAILABLE IN ALL CONSTRUCTION AREAS AT ALL TIMES).
  - FIELD CONFIRMATION OF DISCREPANCIES SHALL BE RECORDED ON A REPRODUCIBLE DOCUMENT AND IMMEDIATELY TRANSMITTED TO ARCHITECT FOR PROJECT RECORD, COORDINATION, AND NECESSARY RESOLUTION PRIOR TO CONTINUING WITH WORK.
  - CONTRACTOR SHALL REPORT TO THE OWNER ANY ERRORS, OMISSIONS, OR INCONSISTENCIES THEY MAY DISCOVER ON THE SPECIFICATIONS OR DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ERROR AFTER THE START OF CONSTRUCTION, WHICH HAS NOT BEEN BROUGHT TO THE ATTENTION OF THE OWNER, AT THE CONTRACTOR'S EXPENSE. THE MEANS OF CORRECTING ANY ERROR SHALL FIRST BE APPROVED BY THE OWNER.
  - THE GENERAL BUILDING PERMITS SHALL BE PAID FOR BY THE OWNER AND SECURED BY THE GENERAL CONTRACTOR. ALL OTHER REQUIRED PERMITS SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR OR SUBCONTRACTOR DIRECTLY RESPONSIBLE.
  - ALL REQUIRED CITY AND COUNTY LICENSES SHALL BE ACQUIRED AND PAID FOR BY THE INDIVIDUAL TRADES.
  - ALL CONTRACTORS SHALL HAVE VALID CERTIFICATES OF WORKMAN'S COMPENSATION ON FILE WITH THE APPROPRIATE AGENCIES. INSURANCE REQUIREMENT MUST BE MET PER LEASE AGREEMENT.
  - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES, WHETHER SHOWN HEREIN OR NOT, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR ALL EXPENSE FOR THE REPAIR OR REPLACEMENT OF UTILITIES AND ALL OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH EXECUTION OF WORK.
  - CITY APPROVED PLANS SHALL BE KEPT IN A PLAN BOX AND SHALL NOT BE USED BY WORKMEN. ALL CONSTRUCTION SETS SHALL REFLECT THE SAME INFORMATION. THE CONTRACTOR SHALL ALSO MAINTAIN, IN GOOD CONDITION, ONE (1) COMPLETE SET OF PLANS WITH ALL REVISIONS, ADDENDA, AND CHANGE ORDERS ON THE PREMISES AT ALL TIMES. THESE ARE TO BE UNDER THE CARE OF THE JOB SUPERINTENDENT.
  - CONTRACTOR SHALL PROVIDE REQUIRED PROTECTION INCLUDING, BUT NOT LIMITED TO, SHORING, BRACING, AND ALL OTHER SUPPORTS (INCLUDING ENGINEERING OF SYSTEMS) NECESSARY TO MAINTAIN OVERALL STRUCTURAL INTEGRITY OF THE BUILDINGS.
  - CONTRACTOR SHALL ASSIST OWNER IN OBTAINING FINAL APPROVAL OF LOCAL HEALTH DEPARTMENT AND THE TEMPORARY AND FINAL CERTIFICATES OF OCCUPANCY.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR, AND SHALL REMEDY, REPAIR, OR REPLACE ANY FAULTY, IMPROPER OR INFERIOR WORKMANSHIP OR MATERIALS AND ANY RELATED DAMAGE CAUSED BY THESE WHICH SHALL APPEAR WITHIN ONE (1) YEAR AFTER THE COMPLETION AND ACCEPTANCE OF THE WORK UNDER THIS CONTRACT. REFER TO SPECIFICATIONS FOR WARRANTY REQUIREMENTS IN EXCESS OF ONE (1) YEAR.
  - NOTHING IN THESE DOCUMENTS IS TO BE INTERPRETED AS RELIEVING THE CONTRACTOR OF SOLE RESPONSIBILITY FOR THE METHODS AND MEANS OF CONSTRUCTION, AS WELL AS SAFETY AT THE JOB SITE.

- ACCESSIBILITY NOTES  
(COMPLY WITH ACCESSIBILITY CODE ON COVER SHEET)
- ACCESSIBLE TABLES SHALL HAVE A MINIMUM OF 27" CLEAR KNEE SPACE AFF AND HAVE A CLEAR AREA OF AT LEAST 19" DEEP. TOP OF TABLE SHALL BE 34" AFF
  - COAT HOOKS IN TOILET STALLS SHALL BE MOUNTED CENTERED ON THE BACKSIDE OF DOORS AT 48" AFF IN ACCESSIBLE STALLS AND 60" IN STANDARD STALLS.
  - FLUSH VALVES ON THE TOILETS SHALL ALWAYS BE LOCATED ON THE WIDE SIDE OF THE TOILET STALL. UTILIZE 5 LBS. OF FORCE OR LESS TO OPERATE.
  - ALL PANIC HARDWARE SHALL BE MOUNTED NO HIGHER THAN 48" AFF
  - ALL THRESHOLDS, FLOOR LEVEL CHANGES, AND FLOOR TRANSITIONS SHALL NOT EXCEED 1/2" IN HEIGHT AND SHALL BE BEVELED WITH A SLOPE NO GREATER THE 1:2.
  - ALL LIGHT SWITCHES, VOLUME CONTROLS, AND THERMOSTATS IN PUBLIC AREAS SHALL BE MOUNTED NO HIGHER THAN 48" AFF UNO



- GENERAL NOTES:
- SIGN TO BE ADHESIVE ACRYLIC WITH RAISED CHARACTERS WITH A MINIMUM HEIGHT OF 5/8" AND MAXIMUM HEIGHT OF 2" ACCOMPANIED BY GRADE 2 BRAILLE
  - PICTOGRAMS SHALL HAVE THE EQUIVALENT VERBAL DESCRIPTION LISTED DIRECTLY BELOW
  - CHARACTERS, SYMBOLS AND THEIR BACKGROUNDS SHALL HAVE A NON-GLARE FINISH WITH CHARACTERS AND SYMBOLS THAT CONTRAST WITH THE BACKGROUND
  - SIGN TO BE MOUNTED ALONG THE DOOR ON LATCH SIDE. SEE DIAGRAM RIGHT, WHEN SIGN OCCURS AT DOUBLE DOORS, MOUNT TO THE RIGHT OF THE RIGHT-HAND DOOR. WHEN WALL SPACE IS NOT AVAILABLE IN THE ABOVE LOCATIONS, SIGN TO BE INSTALLED ON THE NEAREST ADJACENT WALL
  - PROVIDE 18"X18" CLEAR FLOOR AREA CENTER ON SIGN, BEYOND THE ARC OF ANY DOOR SWING
  - SIGNS TO BE BLACK BACKGROUND WITH WHITE LETTERS, TYP ALL DOOR SIGNS ARE PROVIDED AND INSTALLED BY THE CONTRACTOR. DOOR SIGNAGE SHALL COMPLY WITH ADA INCLUDING CHARACTER HEIGHT AND PROPORTION, BRAILED CHARACTERS, FINISH AND CONTRAST, INTERNATIONAL SYMBOL OF ACCESSIBILITY AND MOUNTING HEIGHTS
  -



HFA ARCHITECTURE ENGINEERING

1705 S. Walton Blvd., Suite 3  
Bentonville, Arkansas 72712  
t 479.273.7780  
f 888.520.9685  
www.hfa-ac.com

STIPULATION FOR REUSE  
THIS DRAWING WAS PREPARED FOR USE ON THE PROJECT IDENTIFIED HEREIN. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF HFA ARCHITECTURE ENGINEERING. ANY REUSE OF THIS DRAWING FOR ANY OTHER PROJECT IS STRICTLY PROHIBITED. ANY REUSE OF THIS DRAWING FOR ANY OTHER PROJECT IS STRICTLY PROHIBITED. ANY REUSE OF THIS DRAWING FOR ANY OTHER PROJECT IS STRICTLY PROHIBITED.

FAMILY GOLF PARK

1501 E US HWY 40  
LEE'S SUMMIT, MO 64064

JOB NUMBER: 17-22-0007

ISSUE BLOCK

PERMIT	DATE
PERMIT	04/06/23
PERMIT REVS	05/10/23
PLAN REVS	05/23/23
PERMIT REVS	06/01/23

CHECKED BY: NP / EB

DRAWN BY: KG

DOCUMENT DATE: 06/01/23

DAVID JOHN WILGUS ARCHITECT  
HARRISON FRENCH & ASSOCIATES, LTD  
A-2005011993-F

2023.06.02 13:57:08-05'00'

SCHEDULES AND DETAILS

SHEET: A101.1

"ALL SHIPPING CONTAINER DOORS TO BE DOGGED UNLOCKED DURING BUSINESS HOURS"

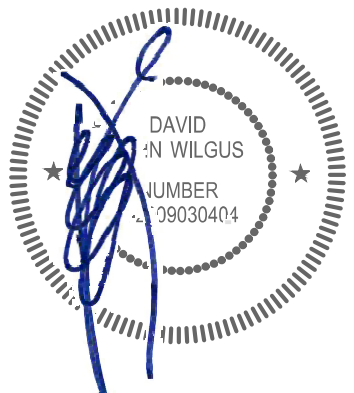






ISSUE BLOCK	
PERMIT	04/06/23
PERMIT REVS	05/10/23
PLAN REVS	05/23/23
PERMIT REVS	06/01/23

CHECKED BY:	NP / EB
DRAWN BY:	KG
DOCUMENT DATE:	06/01/23



2023.06.02 13:57:41-05'00'  
DAVID JOHN WILGUS ARCHITECT  
A-2008030404  
HARRISON FRENCH &  
ASSOCIATES, LTD  
A-2005011993-F

FLOOR FINISH PLAN

SHEET:  
A110.1

GENERAL NOTES

1. PROVIDE IN-WALL F.T. WD. BLOCKING FOR MILLWORK, SHELVING, PANELS, TVs, ETC. ALL DIMENSIONS ARE NOMINAL & ARE FROM FACE OF GYPSUM BOARD OR EXTERIOR SHEATHING.
2. ALL PARTITIONS WITH SINKS AND/OR "WET EQUIPMENT", ALL WALLS IN TOILET ROOMS, AND ALL WALLS IN KITCHEN AREAS TO HAVE 5/8" MOISTURE RESISTANT GYPSUM BOARD W/ A 5/8" CEMENT BOARD BASE TO 12" A.F.F., U.N.O. (SMOOTH SIDE OUT). ALL INTERIOR WOOD BLOCKING, FRAMING, PLYWOOD, SUBFLOORS, ETC. TO BE FIRE TREATED (DESIGNATED F.T.).
3. MOUNT ALL FIXTURES & ACCESSORIES AT HEIGHTS CONFORMING WITH ALL GOVERNING CODES & A.D.A. REQUIREMENTS.
4. ALL WORK IS TO BE DONE IN ACCORDANCE WITH ALL GOVERNING STATE & LOCAL CODES AND ORDINANCES.
5. PLUG & SEAL ALL OPENINGS IN FLOOR SLAB.
6. ALL FLOOR, EXTERIOR WALL, FOUNDATION WALL & ROOF PENETRATIONS TO BE SLEEVED & WATERPROOFED. EXTERIOR WALL PENETRATIONS MUST BE RATED.
7. ALL COVER PLATES/ DEVICES FINISHES TO MATCH WALL FINISHES UNLESS DIRECTED OTHERWISE BY THE OWNER.
8. ALL INTERIOR FINISHES TO BE DETERMINED BY OWNER.
9. PROVIDE STAINLESS STEEL "SCHLUTER" TRANSITION STRIPS BETWEEN ALL FLOOR TRANSITIONS BETWEEN ROOMS AND/OR FINISH CHANGES, INCLUDING EXTERIOR TO INTERIOR FULL OR HALF SADDLE, INTERIOR TILE TO TILE, INTERIOR TILE TO CARPET, INTERIOR TILE TO CONCRETE (AND/OR EXISTING FLOOR FINISH)

SUBSTRATE LEGEND

MR	MOISTURE-RESISTANT GYPSUM BOARD
CB	CEMENTITIOUS BACKER BOARD
GYP	GYPSUM WALL BOARD
DS	DENS SHIELD
SS	STAINLESS STEEL
FRP	FIBERGLASS REINFORCED PLASTIC

SYMBOLS

	FLOOR SINK, REFER TO P-SHEETS FOR MORE INFORMATION
	FLOOR DRAIN, REFER TO P-SHEETS FOR MORE INFORMATION
	DENOTES FINISH, PER FINISH SCHEDULE
	DENOTES SUBSTRATE, PER SUBSTRATE LEGEND
	INDICATES LIMITS OF NEW WATERPROOFING, REFER TO GENERAL NOTES FOR DETAILS
	DENOTES WHEELCHAIR ACCESSIBLE SEATING, REFER TO EGRESS PLAN FOR DETAILS

WALL AND SYMBOL LEGEND

	EXISTING DEMISING PARTITION WALL
	AREA NOT IN CONTRACT (N.I.C.)
	NEW PARTITION WALL
	NEW SUBSTRATE ON EXISTING WALL
	NEW PARTITION W/ INSULATION
	NEW LOW HEIGHT PARTITION WALL
	(XX) DOOR TAG
	X — WALL TYPE TAG
	X — WINDOW TYPE TAG
	X-X PLUMBING FIXTURE DESIGNATION REFER TO PLUMBING RISER DIAGRAM

SECOND LEVEL  
FLOOR FINISH PLAN - BUILDING

Scale: 1/4" = 1'-0"

FINISH SCHEDULE							REP INFO
TAG	MATERIAL	MANUFACTURER	COLOR/NUMBER	SIZE	FINISH	NOTES	
LVT-1	FLOOR TILE	Creative Materials Corporation	Stone + Concrete Collection 02- Dark Grey Limestone	18" x 18"	-	At restrooms. Lead time: 2-4 week lead time.	Dana Sauntry 713-299-5643 dsauntry@creativematerialscorp.com
VT-1	VINYL TILE	Armstrong	Pewter 51908	12" x 12"	Standard Excelon Imperial Texture	At storage, office, ball wash, ball dispenser. Refer to FFP.Installed per MFR. recommendations.	Meg Sansoni 503-688-8720 msansoni@armstrongflooring.com
VB-1	VINYL BASE	Johnsonite	Traditional wall base, 55 Silver Grey WH	4"	-	At storage, office, ball wash, ball dispenser. Refer to FFP.Installed per MFR. recommendations.	Meg Sansoni 503-688-8720 msansoni@armstrongflooring.com
VB-2	VINYL BASE	Johnsonite	Burnt Umber B 63	6"	-	At restrooms. Refer to FFP.Installed per MFR. recommendations.	Meg Sansoni 503-688-8720 msansoni@armstrongflooring.com
S-1	QUARTZ	MSI	Iced White	-	Provided by structure manufacturer.	At restrooms. Refer to restroom elevations.	-
MTL-1	PERFORATED CORRUGATED METAL	ATAS	Metafor- A15- Copper Brown	-	Provided by structure manufacturer.	At covered bays. Refer to floor plan.	-
WD-1	WOOD	By Millworker	Cedar Planks	-	-	At trellis. Refer to elevations and FFP.	By Millworker
P-1	PAINT	-	SW9060 Cannon's Lakehouse	-	Semi-gloss (exterior), eggshell (interior)	Refer to elevations, RCP and floor plan.	-
P-2	PAINT	-	SW6690 Gambol Gold	-	Semi-gloss (exterior), eggshell (interior)	Refer to elevations and RCP.	-
P-3	PAINT	-	SW7075 Webgray	-	Semi-gloss (exterior), eggshell (interior)	Refer to elevations, RCP and floor plan.	-
P-4	PAINT	-	SW2837 Aurora Brown	-	Semi-gloss (exterior), eggshell (interior)	Refer to elevations.	-
P-5	PAINT	-	SW9166 Drift of Mist	-	Eggshell	BOH. Refer to elevations.	-
SC-1	SEALED CONCRETE	By G.C.	Sealed per mfr specs. No exposed aggregate. Medium warm grey natural mix.	-	-	Refer to details	-

\*\*\*ALL INTERIOR PAINT TO BE LATEX BASED. ALL METAL PAINT TO BE ALKYD BASED.

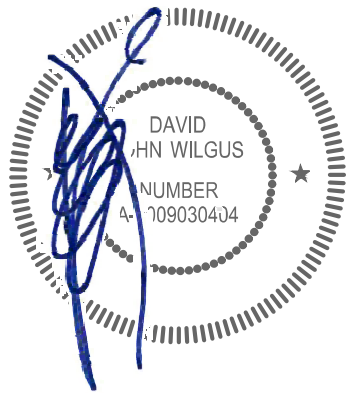
GROUND LEVEL  
FLOOR FINISH PLAN - BUILDING

Scale: 1/4" = 1'-0"



ISSUE BLOCK		
PERMIT	04/06/23	
PERMIT REVS	05/10/23	
PLAN REVS	05/23/23	
PERMIT REVS	06/01/23	

CHECKED BY:	NP / EB
DRAWN BY:	KG
DOCUMENT DATE:	06/01/23



2023.06.02 13:57:57-0500  
DAVID JOHN WILGUS, ARCHITECT  
A-2005030404  
HARRISON FRENCH &  
ASSOCIATES, LTD  
A-2005011993-F

REFLECTED CEILING  
PLAN - BUILDING

SHEET:  
A201.1

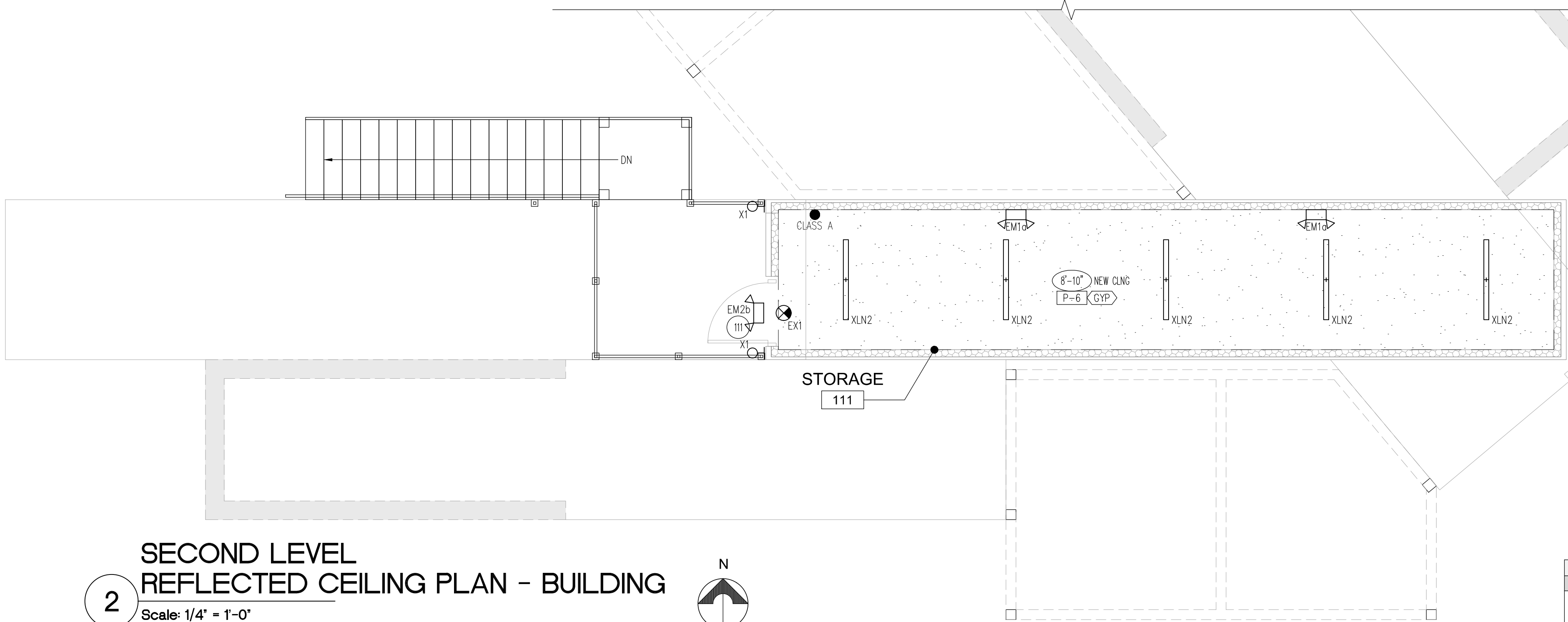
## GENERAL NOTES

- GYPSUM BOARD AND SUSPENDED CEILING SYSTEMS SHALL CONFORM TO ALL LOCAL GOVERNING BUILDING CODES AND ORDINANCES
- DIFFUSERS, GRILLES, SPRINKLER HEADS, RECESSED CAN LIGHT TRIM RINGS AND ANY SPEAKERS TO BE PAINTED BY MANUFACTURER TO MATCH ADJACENT FINISH UNLESS OTHERWISE NOTED
- REFER TO EXTERIOR ELEVATIONS, INTERIOR ELEVATIONS, SITE PLAN, MILLWORK DETAILS AND ELECTRICAL DRAWINGS FOR ADDITIONAL LIGHTING LOCATIONS AND SPECIFICATIONS
- FIXTURES OR SPRINKLER HEADS SHALL BE LOCATED CENTERED IN CEILING TILES UNLESS OTHERWISE NOTED, REFER TO DRAWINGS FOR STARTING POINT ON CEILING GRID
- GC TO PROVIDE BLOCKING AND POWER FOR ANY REQUIRED SIGNAGE, REFER TO SIGNAGE DRAWINGS UNDER SEPARATE PERMIT FOR ADDITIONAL INFORMATION
- GC TO SUBMIT LIGHTING CUTSHEETS FOR APPROVAL PRIOR TO ORDERING
- GC TO NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN ARCHITECTURAL AND ELECTRICAL DRAWINGS
- ACCESS PANELS SHOULD BE PROVIDED FOR ANY EQUIPMENT AS NEEDED, IF A PANEL IS NOT SHOWN GC TO NOTIFY ARCHITECT FOR PLACEMENT AND SIZE
- REFER TO ELECTRICAL DRAWINGS FOR DIMMING ZONE LOCATIONS AND DIMMER PANELS

LIGHT FIXTURE SCHEDULE						
TAG	TYPE	MFR	CATALOG #	LAMP	NOTES	REP INFO
C1	LED Light Panel	Metalux	24P9L25CT3 / 40.2W / 4550lm / 113LPW	LED	Refer to RCP.	Villa Lighting Nick Becker 314-478-3141 nick.becker@villalighting.com
C2	5" LED DOWNLIGHT	Lightolier	SlimSurface SSR30K78K210U	LED	At restrooms. Refer to RCP. Surface mount. Dimmable.	Villa Lighting Nick Becker 314-478-3141 nick.becker@villalighting.com
P1	PENDANT LIGHT	TBD	TBD	LED	At covered bays. Install on a unistrut or Manufacturer provided mounting unit. Refer to RCP.	TBD
XLN1	LINEAR LIGHT	Metalux- Vaporite LED	4V73-LD5-6-WLUNV-L840-CD1 -U-VT3-SS-VBK	LED	At covered bays. Dimmable. Install on a rigid stem. Refer to RCP.	Nick Becker 314-478-3141 nick.becker@villalighting.com
XLN2	LINEAR LIGHT	Metalux	25T11L040R	LED	At ball wash, ball hopper, storage, maintenance building. Refer to RCP.	Villa Lighting Nick Becker 314-478-3141 nick.becker@villalighting.com
XST1	STRING LIGHTS	Tokistar	BK-18-UBW-G19-C	LED	At covered bays and trellis. Dimmable. Refer to RCP. Confirm w/ owner if color changing LED bulbs are preferred.	Nick Becker 314-478-3141 nick.becker@villalighting.com
LN1	TAPE LIGHT	Nova Flex	NF-WW-Q-60-12V LED Strip	LED	At restrooms. Refer to RCP.	Villa Lighting Nick Becker 314-478-3141 nick.becker@villalighting.com
XF1	OUTDOOR FAN	Wac Smart Fans	Mocha F-001-MB-MB	3000K LED	At covered bays. Install on a unistrut. Refer to RCP.	Nick Becker 314-478-3141 nick.becker@villalighting.com
XF2	OUTDOOR FAN	TBD	TBD	-	At covered bays. Install on a column. Refer to RCP.	TBD
XHT1	OUTDOOR HEATER	Bromic	Tungsten BH0420012 OR BH0420013, Black	-	At covered bays. Refer to RCP. Final spec to be confirmed w/ owner.	Nick Becker 314-478-3141 nick.becker@villalighting.com
EM1	EMERGENCY EGRESS FIXTURE	Lithonia Lighting or similar	EM1a: ELIM6LED (White) EM1b: ELIM6LED (Black)	-	EM1a @ ball wash, ball hopper, storage, office, maintenance building, EM1b @ Restrooms. Refer to RCP.	Nick Becker 314-478-3141 nick.becker@villalighting.com
EX1	SINGLE FACE EXIT SIGN	Barron Lighting	4005-WB-BA	-	Refer to RCP.	Nick Becker 314-478-3141 nick.becker@villalighting.com

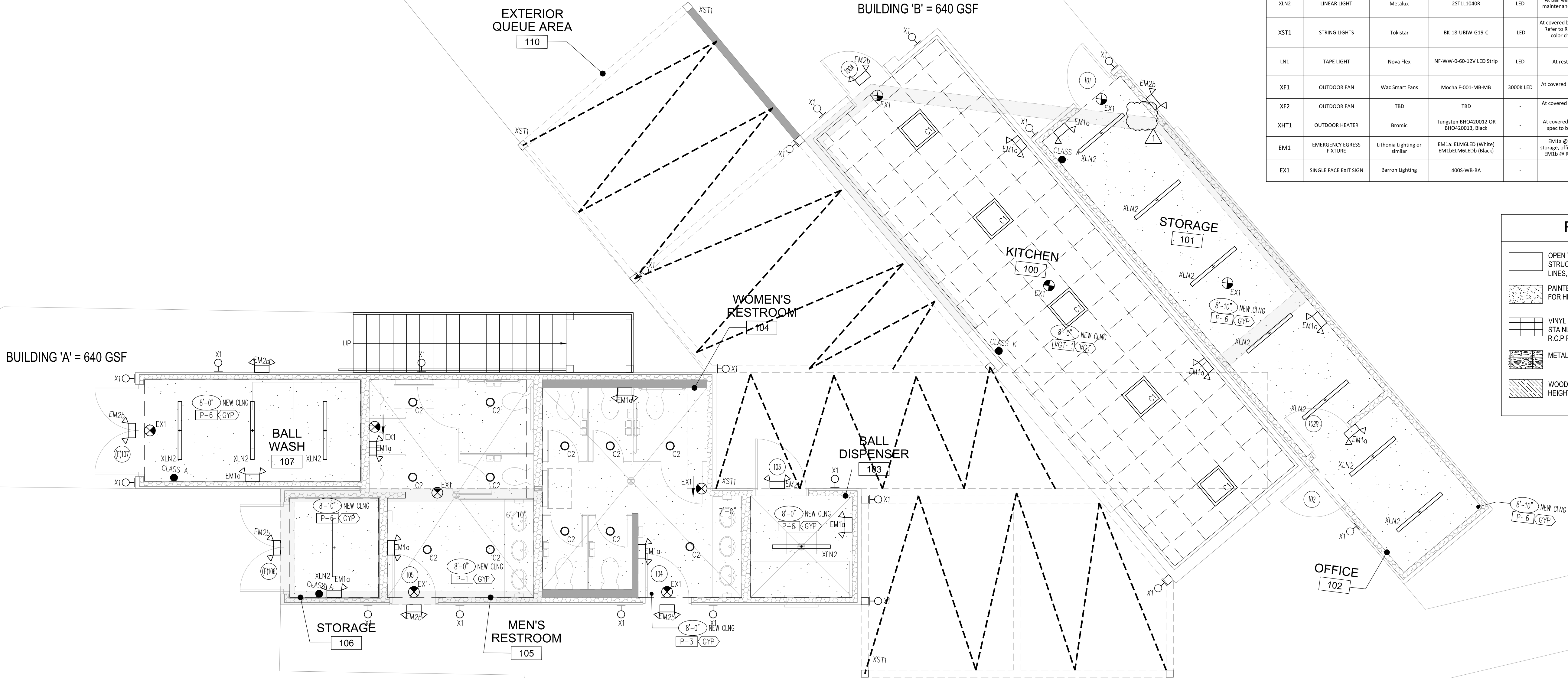
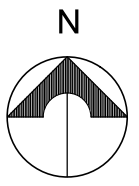
## R.C.P LEGEND

- OPEN TO STRUCTURE ABOVE - PAINT ALL STRUCTURE, DUCTWORK, CONDUITS, SPRINKLER LINES, ETC.
- PAINTED GYP BD CEILING, SEE R.C.P FOR HEIGHT A.F.F.
- VINYL FACED ACOUSTIC CEILING  
STAINLESS STEEL GRID, SEE  
R.C.P FOR HEIGHT A.F.F.
- METAL PANEL CEILING, SEE R.C.P FOR HEIGHT A.F.F.
- WOOD FINISH CEILING, SEE R.C.P FOR  
HEIGHT A.F.F.



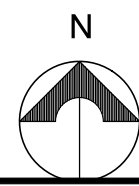
## SECOND LEVEL REFLECTED CEILING PLAN - BUILDING

2  
Scale: 1/4" = 1'-0"



## GROUND LEVEL REFLECTED CEILING PLAN - BUILDING

1  
Scale: 1/4" = 1'-0"





STIPULATION FOR REUSE  
THIS DRAWING WAS PREPARED FOR USE ON  
A SPECIFIC PROJECT AND IS NOT TO BE  
CONSIDERED A GENERAL STATEMENT OF  
DESIGN OR CONSTRUCTION. IT IS NOT  
TO BE USED FOR ANY OTHER PROJECT  
WITHOUT THE WRITTEN PERMISSION OF  
HFA ARCHITECTURE ENGINEERING.  
ARCHITECTS AND ENGINEERS  
ARE NOT RESPONSIBLE FOR THE  
REUSE OF THIS DRAWING FOR  
ANY OTHER PROJECT OR FOR  
THE LAW.

FAMILY GOLF PARK

1501 E US HWY 40  
LEE'S SUMMIT, MO 64064  
JOB NUMBER: 17-22-0007

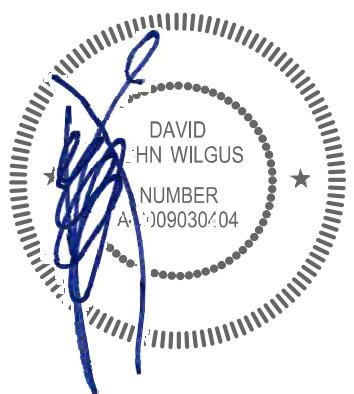
ISSUE BLOCK

PERMIT	04/06/23
PERMIT REVS	05/10/23
PLAN REVS	05/23/23
PERMIT REVS	06/01/23

CHECKED BY: NP / EB

DRAWN BY: KG

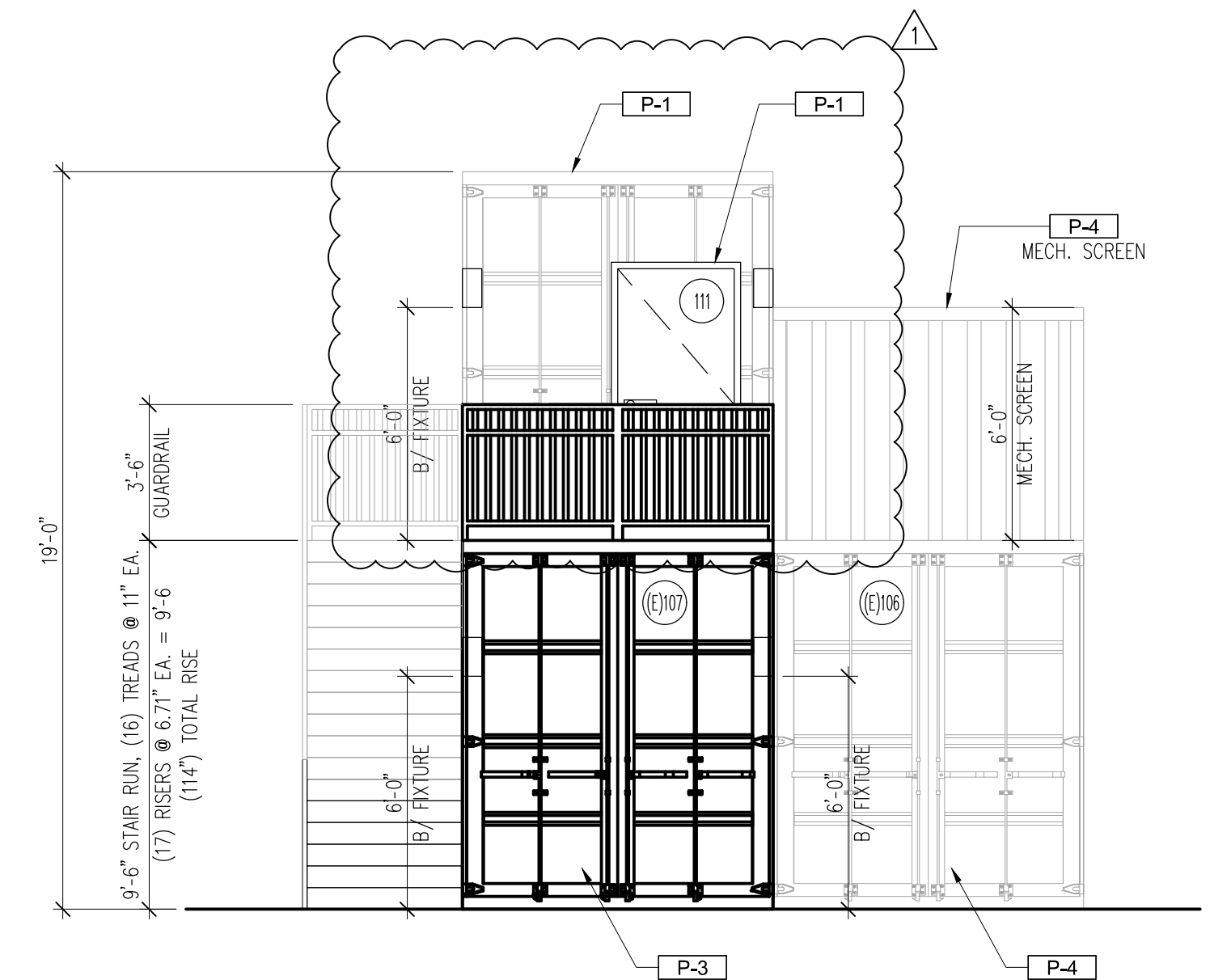
DOCUMENT DATE: 06/01/23



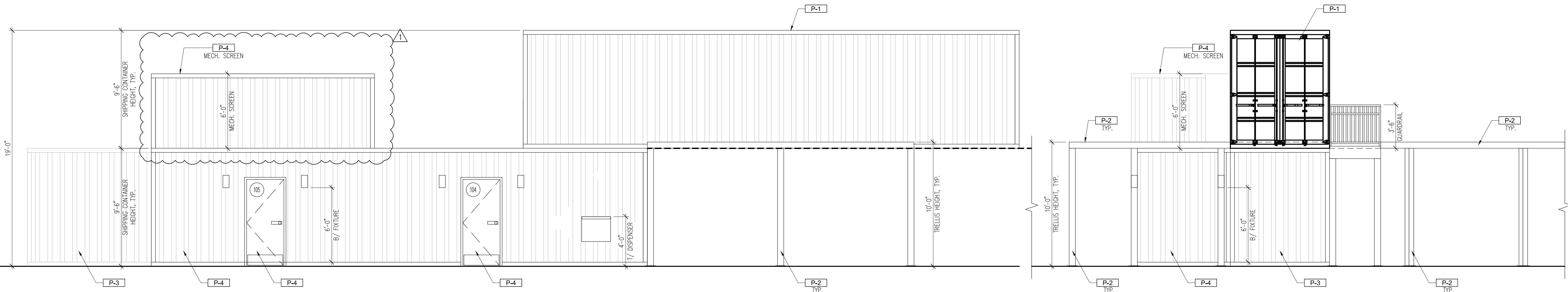
2023.06.02 13:58:11-0500'  
DAVID JOHN WILGUS, ARCHITECT  
A-2009030404  
HARRISON FRENCH &  
ASSOCIATES, LTD  
A-2005011993-F

EXTERIOR  
ELEVATIONS  
- BUILDING

SHEET:  
A210.1

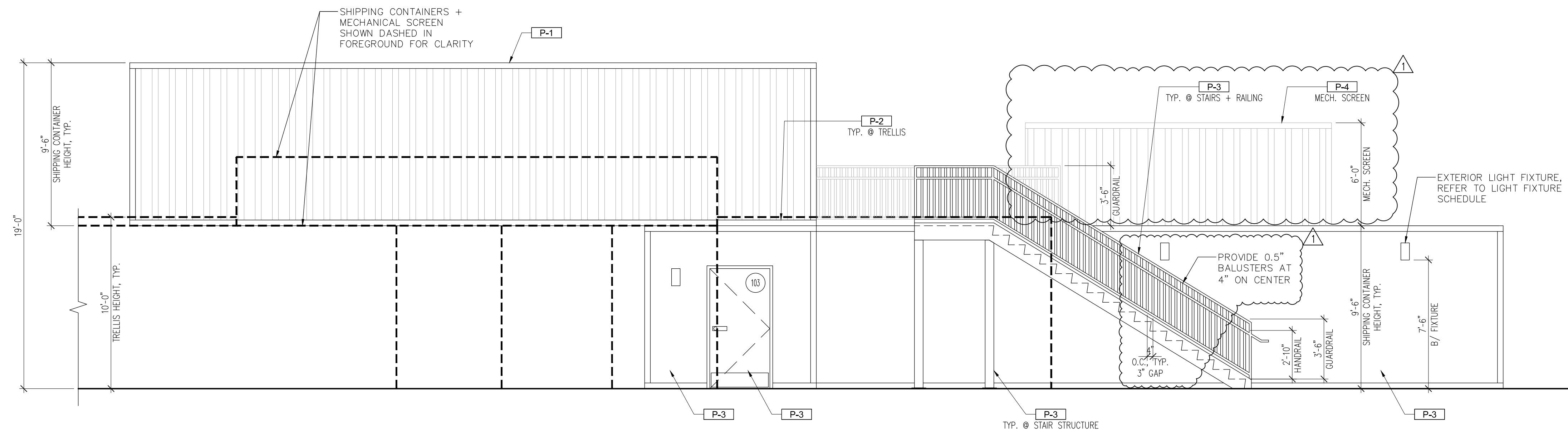


4 EXTERIOR ELEVATION - (WEST)  
Scale: 1/4" = 1'-0"



3 EXTERIOR ELEVATION - (SOUTH)  
Scale: 1/4" = 1'-0"

2 EXTERIOR ELEVATION - (EAST)  
Scale: 1/4" = 1'-0"

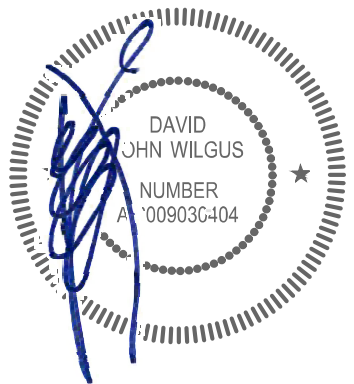


1 EXTERIOR ELEVATION - (NORTH)  
Scale: 1/4" = 1'-0"



ISSUE BLOCK	
PERMIT	04/06/23
PERMIT REVS	05/10/23
PLAN REVS	05/23/23
PERMIT REVS	06/01/23

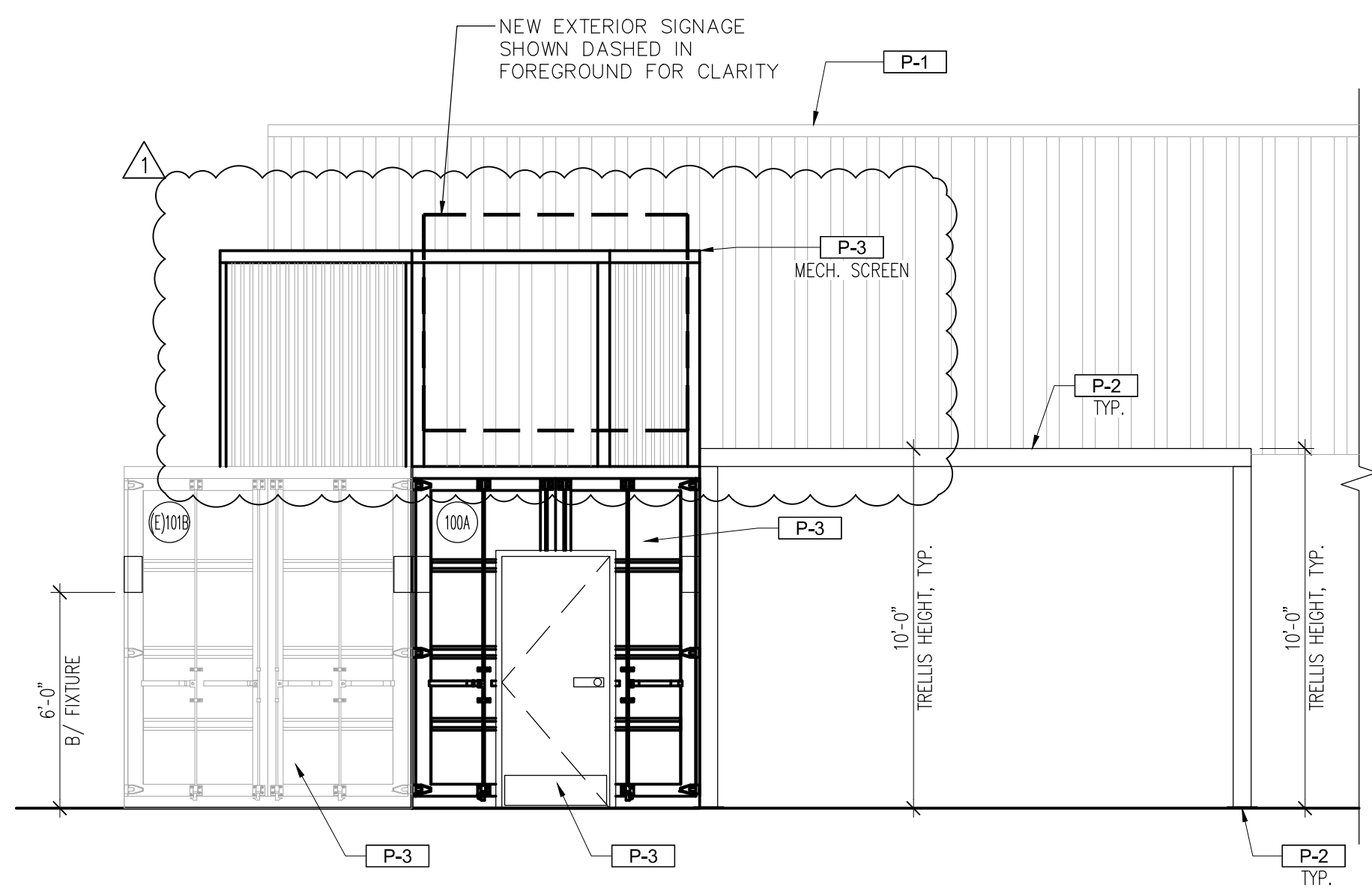
CHECKED BY:	NP / EB
DRAWN BY:	KG
DOCUMENT DATE:	06/01/23



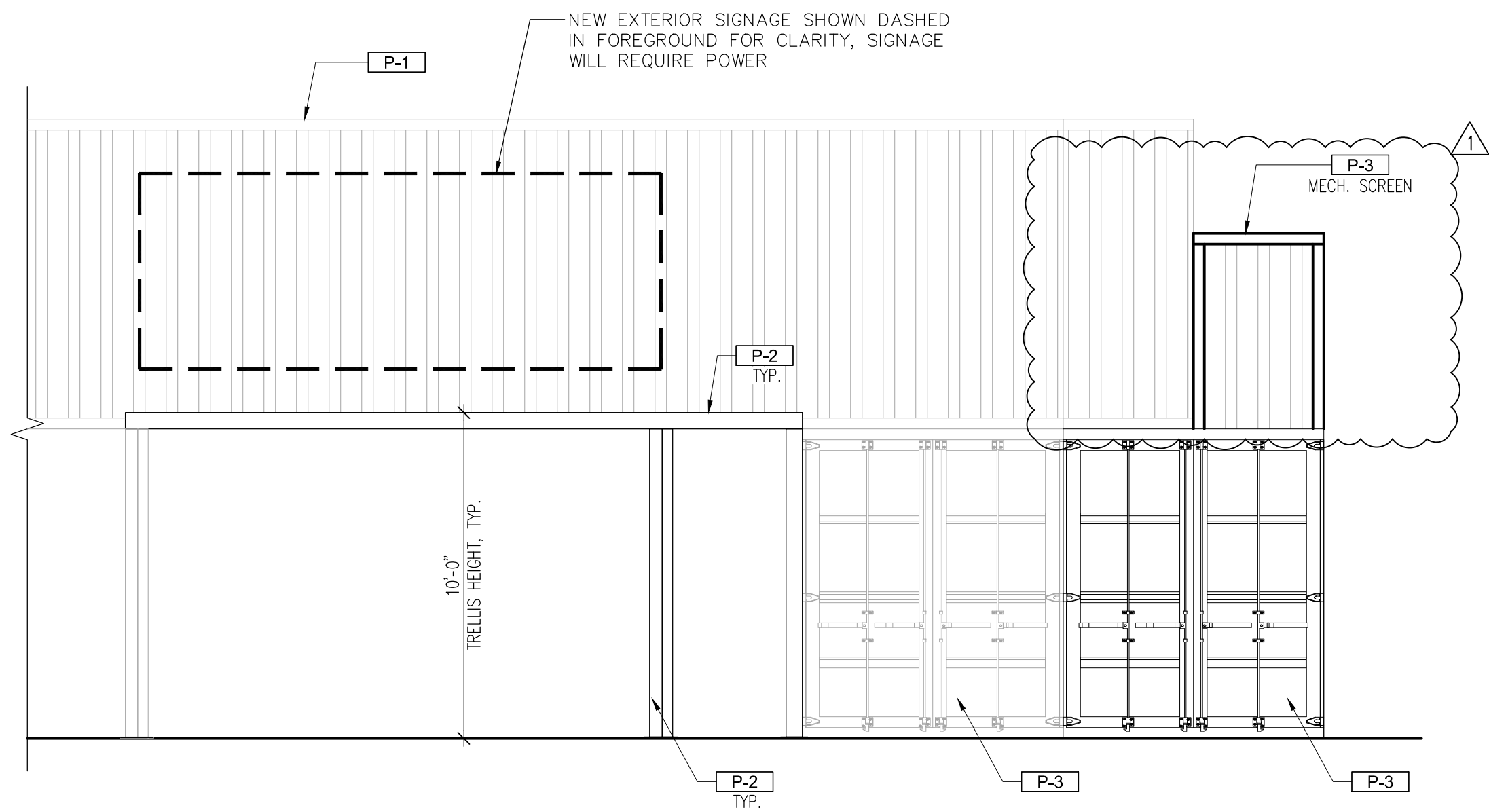
2023.06.02 13:58:23-05'00'  
DAVID JOHN WILGUS, ARCHITECT  
A-2009030404  
HARRISON FRENCH &  
ASSOCIATES, LTD  
A-2005011993-F

EXTERIOR  
ELEVATIONS  
- BUILDING

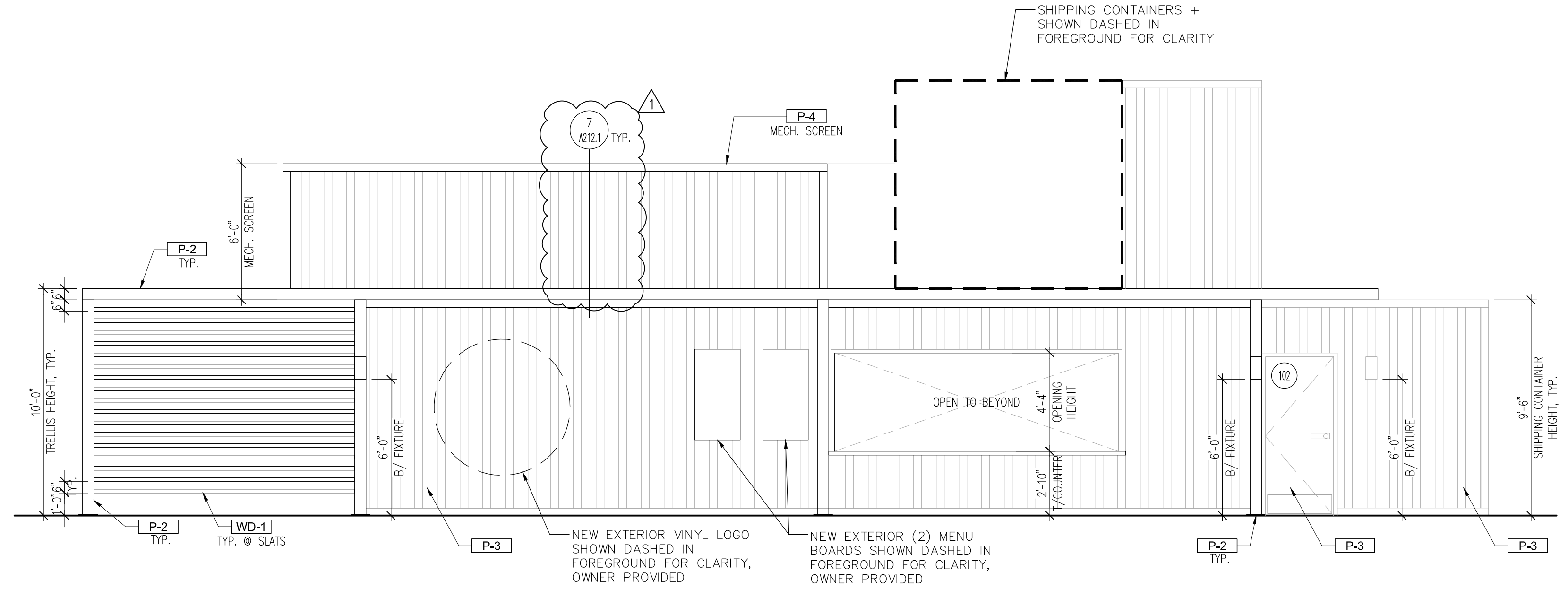
SHEET:  
A210.2



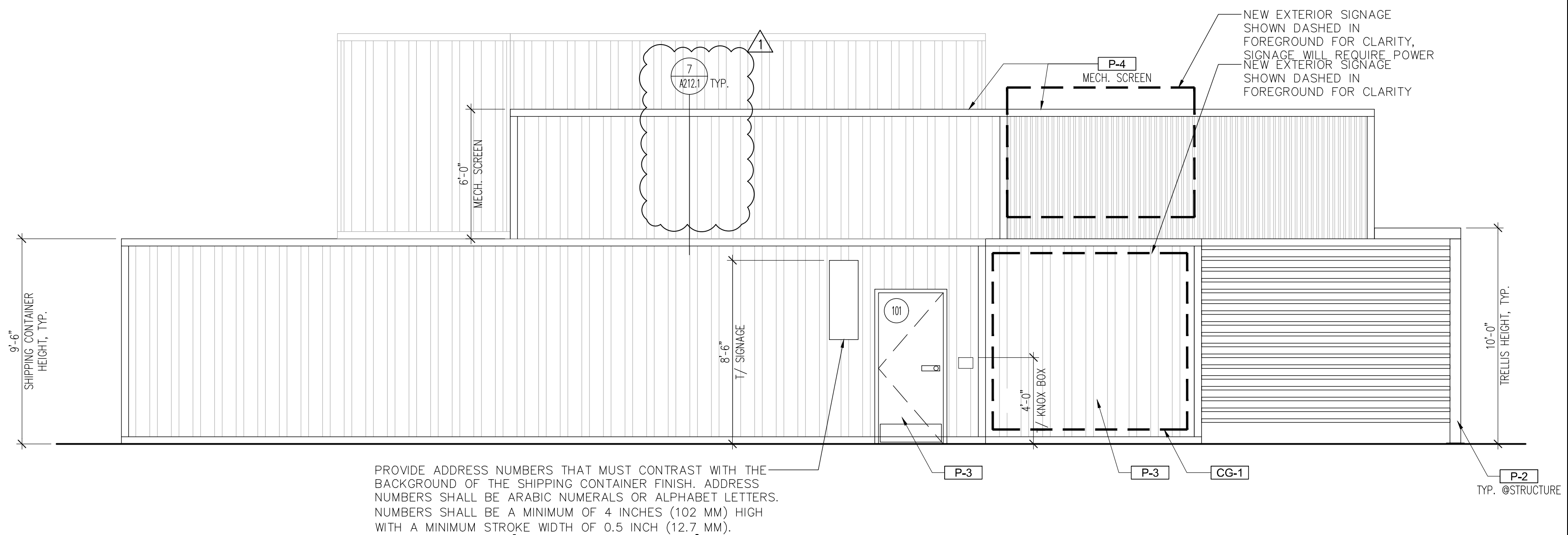
4 EXTERIOR ELEVATION - (NORTHWEST)  
Scale: 1/4" = 1'-0"



2 EXTERIOR ELEVATION - (SOUTHEAST)  
Scale: 1/4" = 1'-0"

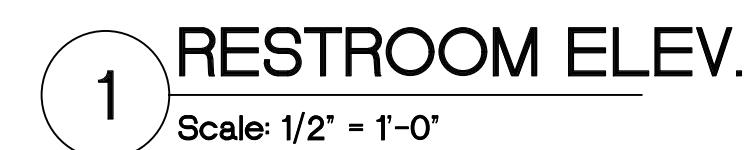
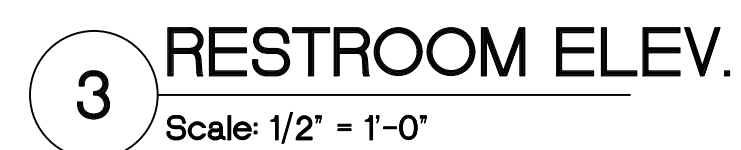
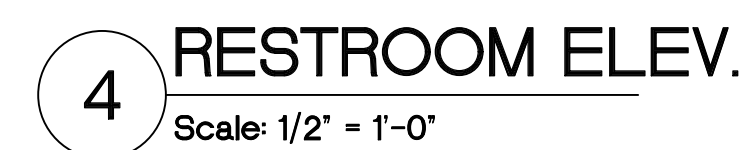
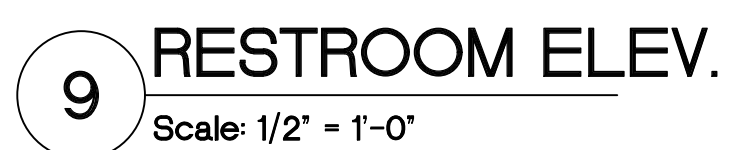
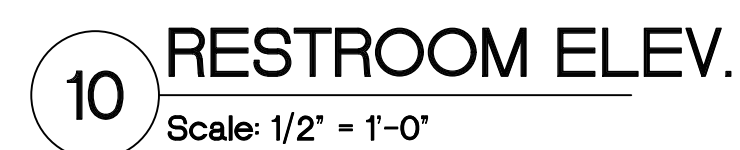
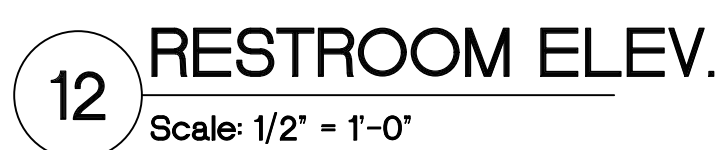
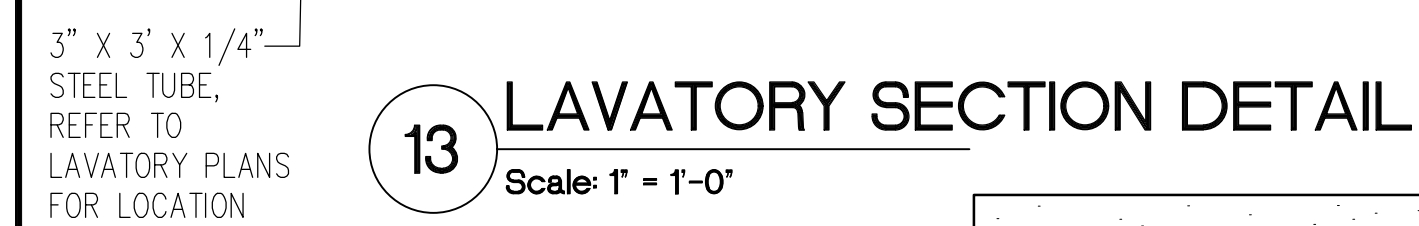


3 EXTERIOR ELEVATION - (SOUTHWEST)  
Scale: 1/4" = 1'-0"



1 EXTERIOR ELEVATION - (NORTHEAST)  
Scale: 1/4" = 1'-0"



 $\triangle 2$ 

23.06.02 13:58:36-05'00'

DAVID JOHN WILGUS, ARCHITECT  
A-2009030404  
HARRISON FRENCH &  
ASSOCIATES, LTD  
A-2005011993-F











I. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF UNSUITABLE FILL MATERIAL OR ORGANIC MATERIAL.	
15. SUBMITTALS:	
A. CODE COMPLIANT STRUCTURAL DESIGN OF THE FOLLOWING ITEMS IS DEFERRED TO THE GENERAL CONTRACTOR.	
b. STAIR & HANDRAIL FRAMING	
c. POST-INSTALLED FABRIC CANOPIES & THEIR FOUNDATIONS.	
B. DEFERRED SUBMITTALS SHALL INCLUDE SUBSTANTIATING STRUCTURAL CALCULATIONS & SHALL BEAR THE SIGNED WET OR CERTIFIED ELECTRONIC STAMP OF A REGISTERED PROFESSIONAL ENGINEER WHO IS LEGALLY AUTHORIZED TO PRACTICE IN THE JURISDICTION WHERE THE PROJECT IS LOCATED & WHO IS EXPERIENCED IN PROVIDING ENGINEERING SERVICES OF THE KIND INDICATED DEFERRED SUBMITTALS SHALL BEAR THE APPROVAL STAMP OF THE PROJECT ENGINEER OF RECORD.	
C. ALL SHOP DRAWINGS AND SUBMITTALS MUST BE REVIEWED AND APPROVED BY THE CONTRACTOR PRIOR TO SUBMITTAL. ENGINEER'S REVIEW OF SHOP DRAWINGS IS LIMITED TO CHECKING FOR GENERAL CONFORMANCE WITH DESIGN DRAWINGS AND STRENGTH OF COMPONENTS AND MATERIALS. CONTRACTOR IS RESPONSIBLE FOR ANY CHANGES FROM THE DESIGN DRAWINGS, QUANTITIES, DIMENSIONAL ERRORS, OR OMISSIONS IN THE SHOP DRAWINGS.	
D. ALL SHOP DRAWINGS MUST BE ORIGINAL DOCUMENTS AND SHALL NOT BE REPRODUCTIONS OF THESE CONTRACT DOCUMENTS.	
E. SUBMIT SHOP DRAWINGS DETAILING FABRICATION OF EACH MEMBER AND ITS CONNECTIONS. CONNECTION DRAWINGS ARE TO BE PREPARED UNDER THE SUPERVISION OF A LICENSED PROFESSIONAL ENGINEER.	
F. CONTRACTOR SHALL SUBMIT STRUCTURAL SHOP DRAWINGS FOR THE FOLLOWING:	
a. CONCRETE MIX DESIGN AND MATERIALS	
b. CONCRETE REINFORCING STEEL	
c. STRUCTURAL STEEL	
d. POST-INSTALLED ANCHORS	
STRUCTURAL GENERAL NOTES (CONT)	1 S0.02

BOB'S CONTAINERS / END USER CUSTOMER RESPONSIBILITIES:	
A. IT IS THE RESPONSIBILITY OF BOB'S CONTAINERS AND/OR THE END USE CUSTOMER TO OBTAIN APPROPRIATE APPROVALS AND SECURE NECESSARY PERMITS FROM CITY, COUNTY, STATE OR OTHER LOCAL AUTHORITIES OF JURISDICTION FOR THE INSTALLATION OF THIS MODULAR BUILDING AT THIS LOCATION.	
B. PMA ENGINEERING'S DESIGN AS INDICATED ON THESE DOCUMENTS SHALL GOVERN THE WORK WITH ANY OTHER INTERPRETATIONS TO THE CONTRARY NOT WITHSTANDING. BOB'S CONTAINERS AND/OR THE END USE CUSTOMER ARE RESPONSIBLE FOR CLARIFICATION OF INCLUSIONS OR EXCLUSIONS FROM THESE STRUCTURAL DOCUMENTS.	
C. IN THE EVENT DISCREPANCIES EXIST BETWEEN PMA'S STRUCTURAL DOCUMENTS AND DOCUMENTS FROM OTHER TRADES, PMA'S DOCUMENTS SHALL GOVERN.	
E. BOB'S CONTAINERS AND/OR THE END USE CUSTOMER IS RESPONSIBLE FOR PROJECT COORDINATION WITH THE SITE-SPECIFIC ARCHITECT AND/OR SITE-SPECIFIC ENGINEER OF RECORD.	
F. APPROVAL OF PMA'S DOCUMENTS BY THE SITE-SPECIFIC ARCHITECT AND/OR SITE-SPECIFIC ENGINEER OF RECORD SHALL CONSTITUTE ACCEPTANCE OF PMA'S DESIGN CONCEPTS, CODE INTERPRETATIONS, LOADING ASSUMPTIONS AND RESULTS.	
G. IT IS THE RESPONSIBILITY OF THE SITE-SPECIFIC ARCHITECT AND/OR SITE-SPECIFIC ENGINEER OF RECORD TO ENSURE PMA'S DRAWINGS COMPLY WITH APPLICABLE REQUIREMENTS OF THE LOCAL GOVERNING BUILDING CODE AUTHORITIES. PMA'S SEALED ENGINEERING DOCUMENTS FOR THIS PROJECT DO NOT IMPLY OR CONSTITUTE AN AGREEMENT THAT PMA OR IT'S DESIGN ENGINEERS ARE ACTING AS THE ENGINEER OF RECORD FOR THIS CONSTRUCTION PROJECT. THESE DOCUMENTS ARE SEALED AND SIGNED BY A REGISTERED PROFESSIONAL ENGINEER EMPLOYED BY PMA ENGINEERING ONLY TO CERTIFY THE DESIGN OF THE STRUCTURAL COMPONENTS INDICATED ON PMA'S DOCUMENTS.	
H. THE WORK INDICATED IN THESE DOCUMENTS SHALL NOT BE ALTERED OR MODIFIED IN ANY WAY WITHOUT PRIOR APPROVAL FROM PMA ENGINEERING. FIELD CUTTING, DRILLING OR OTHER ALTERATION OF THE ISBU MODULES DURING PROGRESSION OF THE INSTALLATION WORK OR TO ACCOMMODATE THE WORK OF OTHER TRADES IS PROHIBITED WITHOUT PRIOR APPROVAL PMA ENGINEERING.	
I. STRUCTURAL DAMAGE TO THE ISBU MODULES OR OTHER STRUCTURAL COMPONENTS SHOWN IN THESE DOCUMENTS THAT MAY OCCUR DURING FABRICATION, SHIPPING OR SITE INSTALLATION IS NOT THE RESPONSIBILITY OF PMA ENGINEERING.	
J. CHANGES TO THESE DOCUMENTS AFTER COMMENCEMENT OF SHOP FABRICATION SHALL BE BILLED TO BOB'S CONTAINERS AS AN ADDITIONAL SERVICE AT PMA'S NORMAL HOURLY RATES.	
K. ADDITIONAL SITE-SPECIFIC STRUCTURES MAY BE REQUIRED AND ARE THE RESPONSIBILITY OF THE END USER AND THE SITE-SPECIFIC ARCHITECT AND/OR ENGINEER OF RECORD. SITE-SPECIFIC STRUCTURES THAT ARE NOT SHOWN IN THESE SHOP DRAWINGS INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:	
a. EXTERIOR SIDEWALKS AND PAVING	
b. UNDERGROUND TANKS	
c. MECHANICAL UNIT SUPPORT PADS OR FOUNDATIONS	
d. FABRIC CANOPIES AND THEIR FOUNDATIONS.	
L. THESE STRUCTURAL DOCUMENTS SHALL NOT BE USED FOR ANY OTHER PROJECTS AT OTHER LOCATIONS, FOR ADDITIONS TO THIS PROJECT, OR FOR COMPLETION OF THIS PROJECT BY OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF PMA ENGINEERING. ANY INDIVIDUAL AND/OR COMPANY THAT USES THESE STRUCTURAL DOCUMENTS UNAUTHORIZED, AGREES TO THE FULLEST EXTENT OF THE LAW, TO INDEMNIFY AND HOLD HARMLESS PMA ENGINEERING, IT'S OFFICERS, DIRECTORS AND EMPLOYEES AGAINST ANY DAMAGES, LIABILITIES OR COSTS, INCLUDING ATTORNEY'S FEES AND COSTS OF DEFENSE, ARISING OUT OF THE MISUSE OF THESE DOCUMENTS.	
M. ARCH & CONTAINER SUPPLIER SHALL REVIEW AND APPROVE ALL OPENING SIZES AND LOCATIONS PRIOR TO CONTAINER MODIFICATION FABRICATION.	
N. COORDINATE MATERIAL SURFACE PREP, PRIMING AND PAINTING WITH ARCH AND BOB'S CONTAINER.	
O. MODULE SHIPPING & HANDLING	
a. THE STRUCTURAL SYSTEMS SHOWN ON THESE DOCUMENTS HAVE BEEN DESIGNED FOR THE FINAL, IN PLACE USAGE OF THE STRUCTURE BASED ON THE INTENDED OCCUPANCY AND CODE REQUIREMENTS. WHILE GENERAL CONSTRUCTABILITY HAS BEEN CONSIDERED, THE STRUCTURAL SYSTEMS HAVE NOT BEEN DESIGNED TO ACCOMMODATE SPECIFIC CONSTRUCTION MEANS AND METHODS THAT MIGHT BE UTILIZED BY THE FABRICATOR, SHIPPING COMPANY OR THE INSTALLATION CONTRACTOR. THE FABRICATOR, SHIPPING COMPANY AND INSTALLATION CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF THE STRUCTURAL SYSTEMS SHOWN IN THESE DOCUMENTS DURING FABRICATION, SHIPPING AND ON-SITE INSTALLATION. DAMAGE THAT MAY OCCUR DURING FABRICATION, SHIPPING OR INSTALLATION IS NOT THE RESPONSIBILITY OF PMA ENGINEERING.	
b. IF THE MODULE HAS BEEN MODIFIED IN ANY WAY, THE MODULE SHALL BE PICKED UP AT THE FOUR CORNERS. REFER TO THE DIAGRAM BELOW, THE BRACING, BOTH TEMPORARY AND PERMANENT, MUST BE INSTALLED PRIOR TO PICKING UP THE MODULE.	
c. DO NOT STACK MODULES ON TOP OF OTHER MODULES DURING STORAGE, SHIPPING AND/OR HANDLING.	
CORNER LIFT POINT	
CORNER LIFT POINT	
CORNER LIFT POINT	
NOTE:	
1. ARCH / CONTAINER SUPPLIER/FABRICATOR SHALL COORDINATE, REVIEW, AND APPROVE WINDOW AND DOOR OPENING SIZES PRIOR TO FABRICATION.	
END USER RESPONSIBILITIES	2 S0.02

COMPONENTS & CLADDING WIND PRESSURES (PSF) FLAT/GABLE/HIP ROOF, 0° < θ ≤ 7°, 110 MPH (3 SEC GUST), EXPOSURE C, LRFD																				
ZONE	HEIGHT																			
	0-15'		15-20'		20-25'		25-30'		30-35'		35-40'		40-45'		45-50'		50-55'		55-60'	
1	+16.0	-42.0	+16.0	-44.8	+16.0	-46.7	+16.0	-48.6	+16.0	-50.3	+16.0	-51.7	+16.0	-53.1	+16.0	-54.1	+16.0	-55.2	+16.0	-56.2
1'	+16.0	-24.1	+16.0	-25.7	+16.0	-26.8	+16.0	-27.9	+16.0	-28.9	+16.0	-29.7	+16.0	-30.4	+16.0	-31.0	+16.0	-31.6	+16.0	-32.2
2	+16.0	-55.3	+16.0	-59.0	+16.0	-61.5	+16.0	-64.0	+16.0	-66.3	+16.0	-68.1	+16.0	-69.9	+16.0	-71.3	+16.0	-72.7	+16.0	-74.0
3	+16.0	-75.4	+16.0	-80.4	+16.0	-83.8	+16.0	-87.2	+16.0	-90.3	+16.0	-92.8	+16.0	-95.3	+16.0	-97.2	+16.0	-99.1	+16.0	-100.9
4	+26.4	-28.6	+28.1	-30.4	+29.3	-31.7	+30.5	-33.0	+31.6	-34.2	+32.5	-35.2	+33.4	-36.1	+34.0	-36.8	+34.7	-37.5	+35.3	-38.2
5	+26.4	-35.2	+28.1	-37.5	+29.3	-39.1	+30.5	-40.7	+31.6	-42.2	+32.5	-43.4	+33.4	-44.5	+34.0	-45.4	+34.7	-46.3	+35.3	-47.1

NOTES:

- WIND ZONES ARE IN ACCORDANCE WITH ASCE 7-16, FIGURE 30.4-1 WITH A ROOF ANGLE 0° - 7° (FLAT ROOF).
- PRESSURES ARE BASED ON AN EFFECTIVE WIND AREA OF 10 SQUARE FEET.
- PRESSURES SHOWN ARE NOMINAL WIND PRESSURES AT ULTIMATE LOAD LEVEL (LRFD) AND SHALL BE USED IN ACCORDANCE WITH THE LOAD COMBINATIONS SPECIFIED IN ASCE 7-16, CHAPTER 2.
- DESIGNER MAY USE THE APPROPRIATE ADJUSTMENT FACTORS OR METHODS OF ASCE 7-16 TO COMPUTE COMPONENT & CLADDING PRESSURES FOR SPECIFIC COMPONENTS OF THIS STRUCTURE.
- PRESSURES SHOWN ARE APPLIED NORMAL TO THE SURFACE, FOR EXPOSURE & HEIGHT INDICATED ON THE TABLE. ADJUST TO OTHER CONDITIONS USING EQUATION 30.4-1.
- PLUS AND MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD AND AWAY FROM THE SURFACES, RESPECTIVELY.
- PARAPET WIND PRESSURES HAVE NOT BEEN PROVIDED AND SHALL BE CALCULATED USING SECTION 30.8 OF ASCE 7-16.
- NOTATION:  
h: MEAN ROOF HEIGHT, IN FEET, EXCEPT THAT EAVE HEIGHT SHALL BE USED FOR ROOF ANGLES <10°.  
θ: ANGLE OF PLANE OF ROOF FROM HORIZONTAL, IN DEGREES.

FLAT ROOF

FLAT ROOF PLAN

DETAIL A

INTERIOR ZONES

MIDDLE ZONES

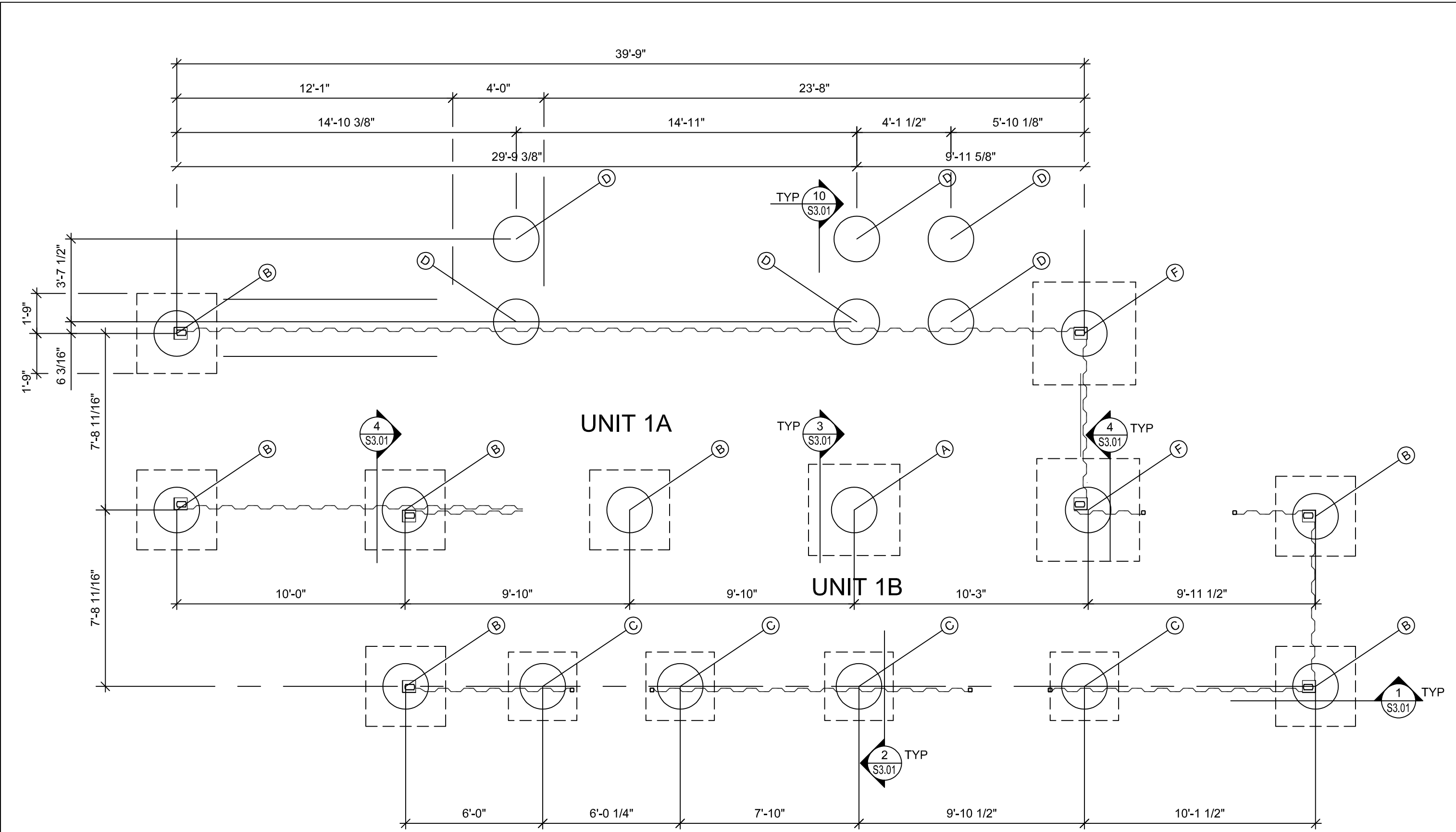
EDGE ZONES

CORNER ZONES

COMPONENTS & CLADDING WIND PRESSURES TABLE		3 S0.02
NOT USED		4 S0.02
NOT USED		5 S0.02

PMA Engineering 6717 Shawnee Mission Pkwy Suite 100 Overland Park, KS 66202 (913) 666-1100 www.pmaengineering.com PMA Engineering, © 2023 (PROJECT # P23025)	
PAGE MCMAGHTEN ASSOC., INC. PROFESSIONAL ENGINEERING d/b/a PMA ENGINEERING MISSOURI STATE CERTIFICATE OF AUTHORITY # 001400	
MISSOURI PE COA MO# 2017016721	
STATE OF MISSOURI VALERIE K. HARRIS REGISTERED PROFESSIONAL ENGINEER NUMBER PE-2017016721 03/31/2023	
PROJECT #P23025	
BOBS CONTAINERS 1141 FM 812 DEL VALLE, TX 78617 (361) 202-8508	
A PROJECT FOR: BLUE JEANS GOLF 1501 E US HWY 40 LEE'S SUMMIT, MO 64015	
ISSUE DATE: 3/31/2023	
REVISION:	
SHEET TITLE: GENERAL NOTES & TYPICAL DETAILS	
S0.02	





PLAN NOTES:

- CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL EXISTING UNDER PIPING, DRAINLINES, DUCT BANKS, CONDUIT, ETC. PRIOR TO EXCAVATION FOR THE NEW BELOW-GRADE STRUCTURES.
- REFER TO CIVIL CONTRACTOR'S DRAWINGS FOR BENCH MARK ELEVATION INFORMATION.
- REFER TO THE ARCHITECTURAL DRAWINGS FOR UNIT LOCATION AND ORIENTATION INFORMATION.
- REFER TO ARCH DRAWINGS FOR CONTAINER ELEVATION INFORMATION.
- REFER TO THE GEOTECH REPORT FOR ADDITIONAL INFORMATION.

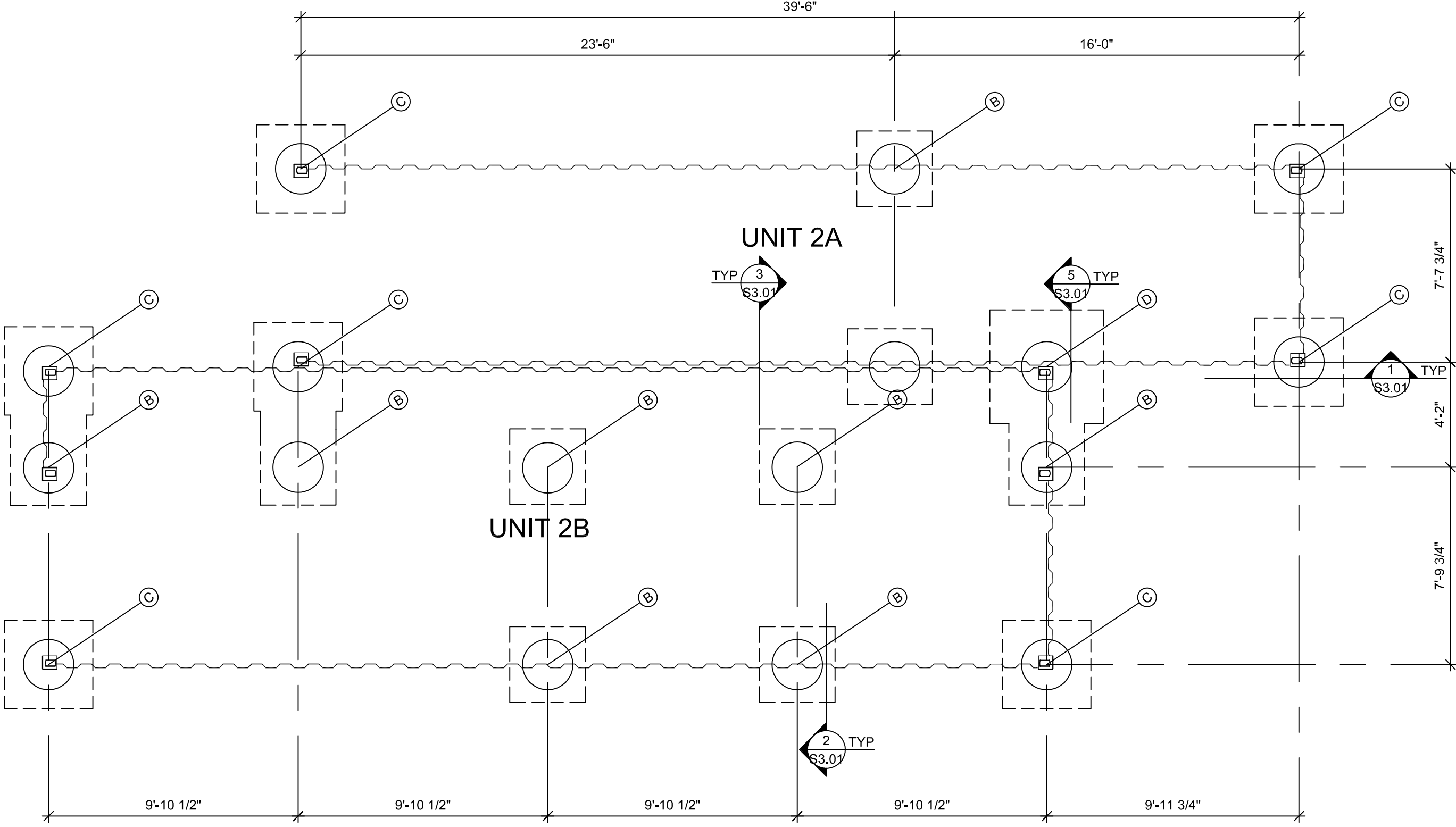
PLAN REFERENCE NOTES:

- (A) 4'-0"x4'-0"x12" FOOTING WITH 2'-0" Ø PIER, FOOTING REINFORCING: (4) #5 BARS E.W.
- (B) 3'-6"x3'-6"x12" FOOTING WITH 2'-0"Ø PIER, FOOTING REINFORCING: (3) #5 BARS E.W.
- (C) 3'-0"x3'-0"x12" FOOTING WITH 2'-0"Ø PIER, FOOTING REINFORCING: (3) #5 BARS E.W.
- (D) 2'-0"Ø PIER. STAIR AND HANDRAIL DESIGN SHALL BE A DEFERRED SUBMITTAL PER STRUCTURAL GENERAL NOTE 15.A.b ON SHEET S0.01
- (E) 5'-0"x3'-0" FOOTING WITH 2'-6"x4'-0" PIER,
- (F) 4'-6"x4'-6"x12" FOOTING WITH 2'-0"Ø PIER, FOOTING REINFORCING: (4) #5 BARS E.W.

PLAN - UNIT 1 FOUNDATIONS

1/4" = 1'-0"

1  
S1.01



PLAN NOTES:

- CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL EXISTING UNDER PIPING, DRAINLINES, DUCT BANKS, CONDUIT, ETC. PRIOR TO EXCAVATION FOR THE NEW BELOW-GRADE STRUCTURES.
- REFER TO CIVIL CONTRACTOR'S DRAWINGS FOR BENCH MARK ELEVATION INFORMATION.
- REFER TO THE ARCHITECTURAL DRAWINGS FOR UNIT LOCATION AND ORIENTATION INFORMATION.
- REFER TO ARCH DRAWINGS FOR CONTAINER ELEVATION INFORMATION.
- REFER TO THE GEOTECH REPORT FOR ADDITIONAL INFORMATION.

PLAN REFERENCE NOTES:

- (A) 4'-0"x4'-0"x12" FOOTING WITH 2'-0" Ø PIER FOOTING REINFORCING: (4) #5 BARS E.W.
- (B) 3'-0"x3'-0"x12" FOOTING WITH 2'-0"Ø PIER FOOTING REINFORCING: (3) #5 BARS E.W.
- (C) 3'-6"x3'-6"x12" FOOTING WITH 2'-0"Ø PIER, FOOTING REINFORCING: (3) #5 BARS E.W.
- (D) 4'-6"x4'-6"x12" FOOTING WITH 2'-0"Ø PIER, FOOTING REINFORCING: (4) #5 BARS E.W.

PLAN - UNIT 2 FOUNDATIONS

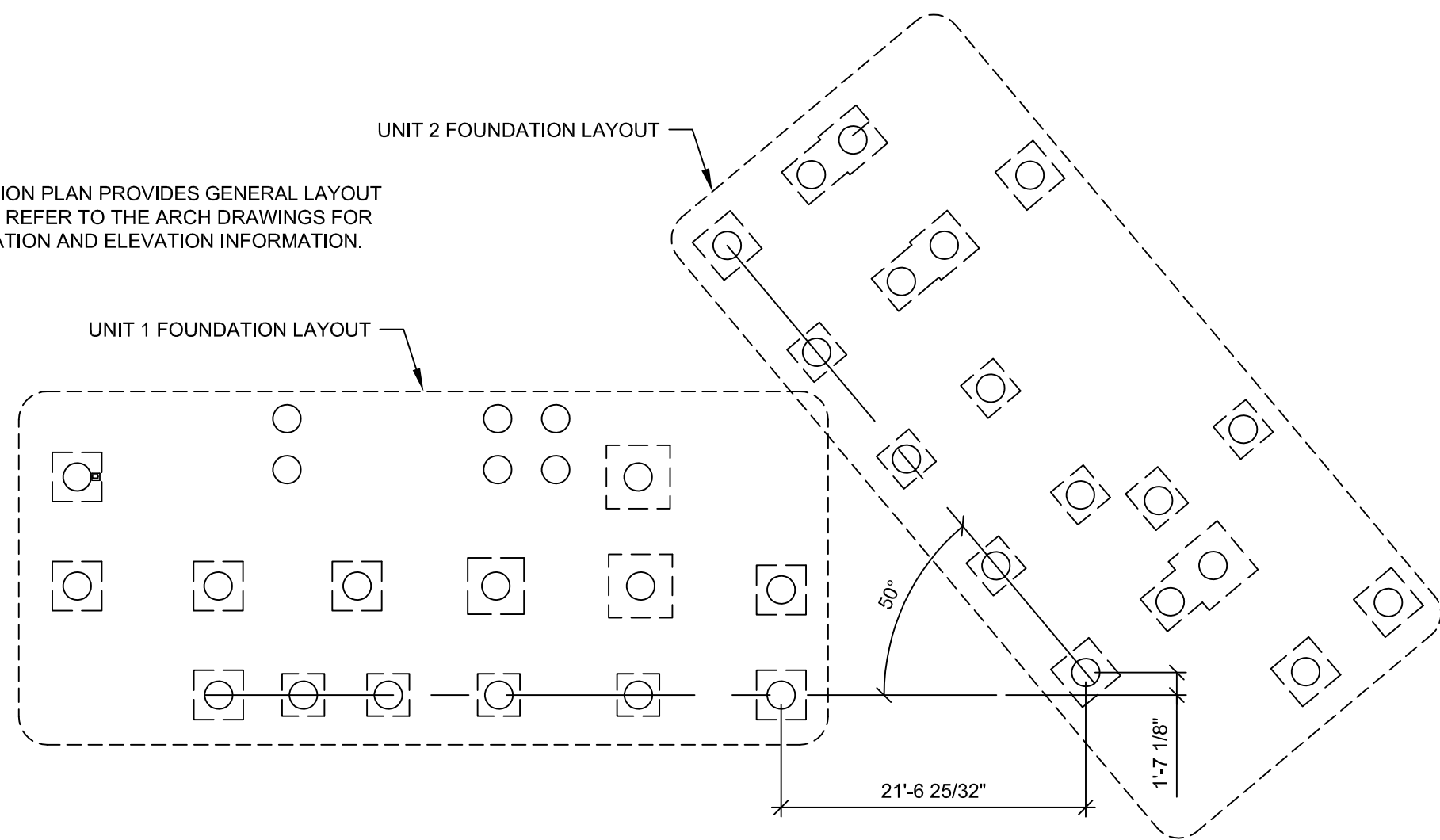
1/4" = 1'-0"

2  
S1.01



NOTE:

THIS FOUNDATION PLAN PROVIDES GENERAL LAYOUT INFORMATION. REFER TO THE ARCH DRAWINGS FOR BUILDING LOCATION AND ELEVATION INFORMATION.



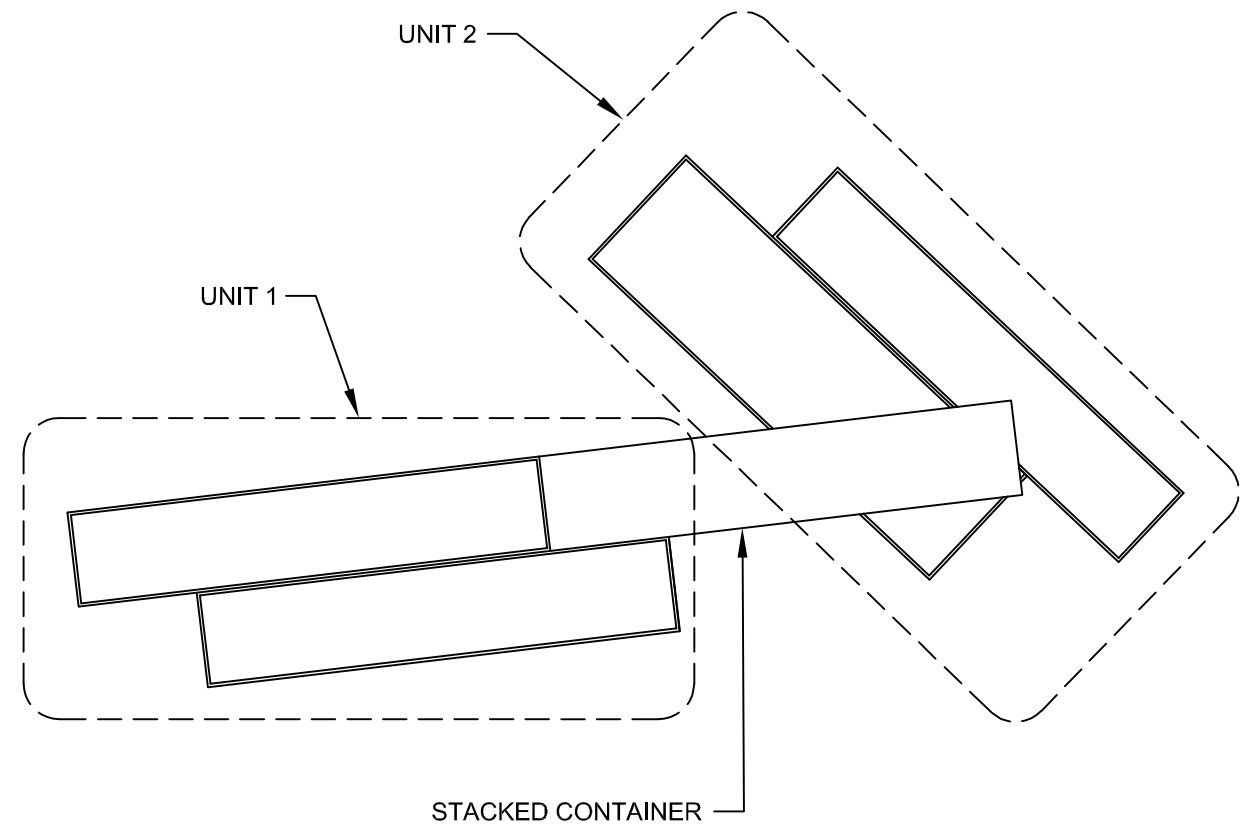
PLAN - FOUNDATION LAYOUT

3/32" = 1'-0"

3  
S1.01

NOT USED

4  
S1.01



KEY PLAN

N.T.S.

6  
S1.01

A PROJECT FOR:

BLUE JEANS GOLF  
1501 E US HWY 40  
LEE'S SUMMIT, MO 64015

ISSUE DATE:

3/31/2023

REVISION:

SHEET TITLE  
FOUNDATION PLAN  
& SECTIONS

S1.01

PMA Engineering  
6717 Shawnee Mission Pkwy  
Suite 100, Overland Park, KS 66202  
www.pmaengineering.com  
(PROJECT # P23025)

PAGE McNAGHTEN ASSOC., INC.  
PROFESSIONAL ENGINEERING  
d/b/a PMA ENGINEERING  
MISSOURI STATE CERTIFICATE  
OF AUTHORITY # 001400

MISSOURI PE COA  
MO# 2017016721

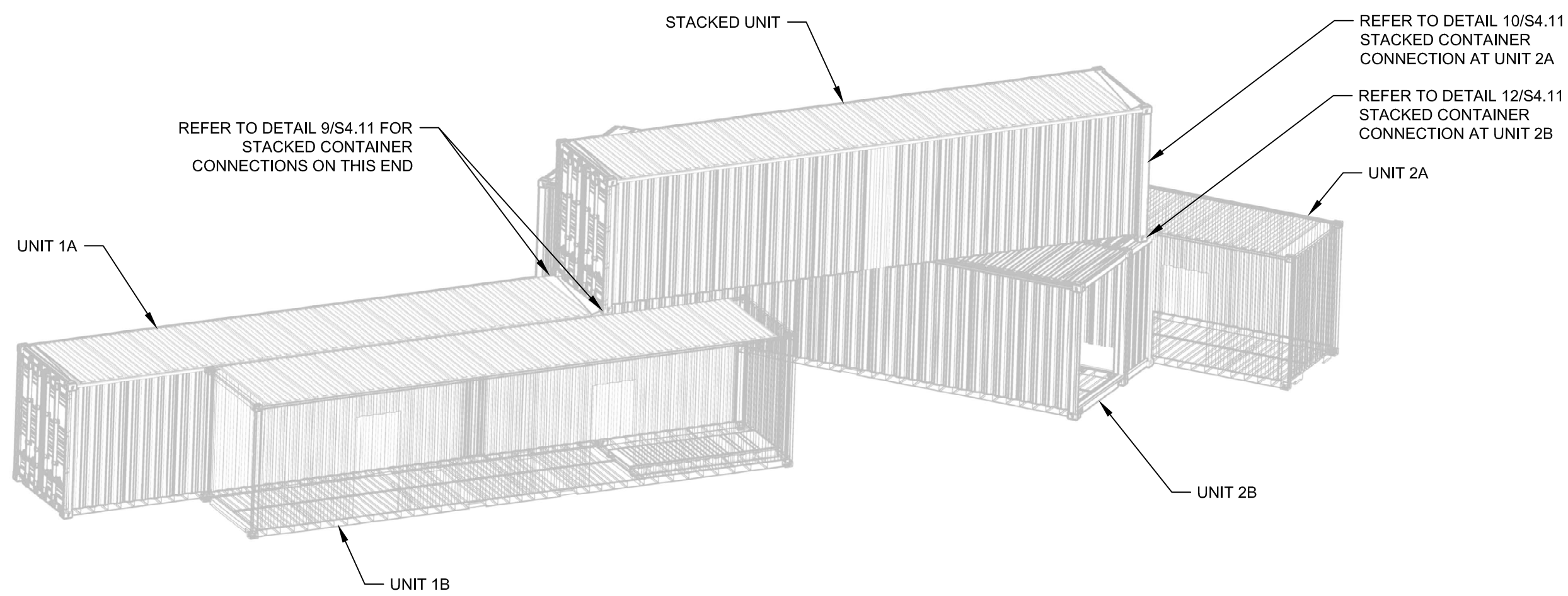


03/31/2023

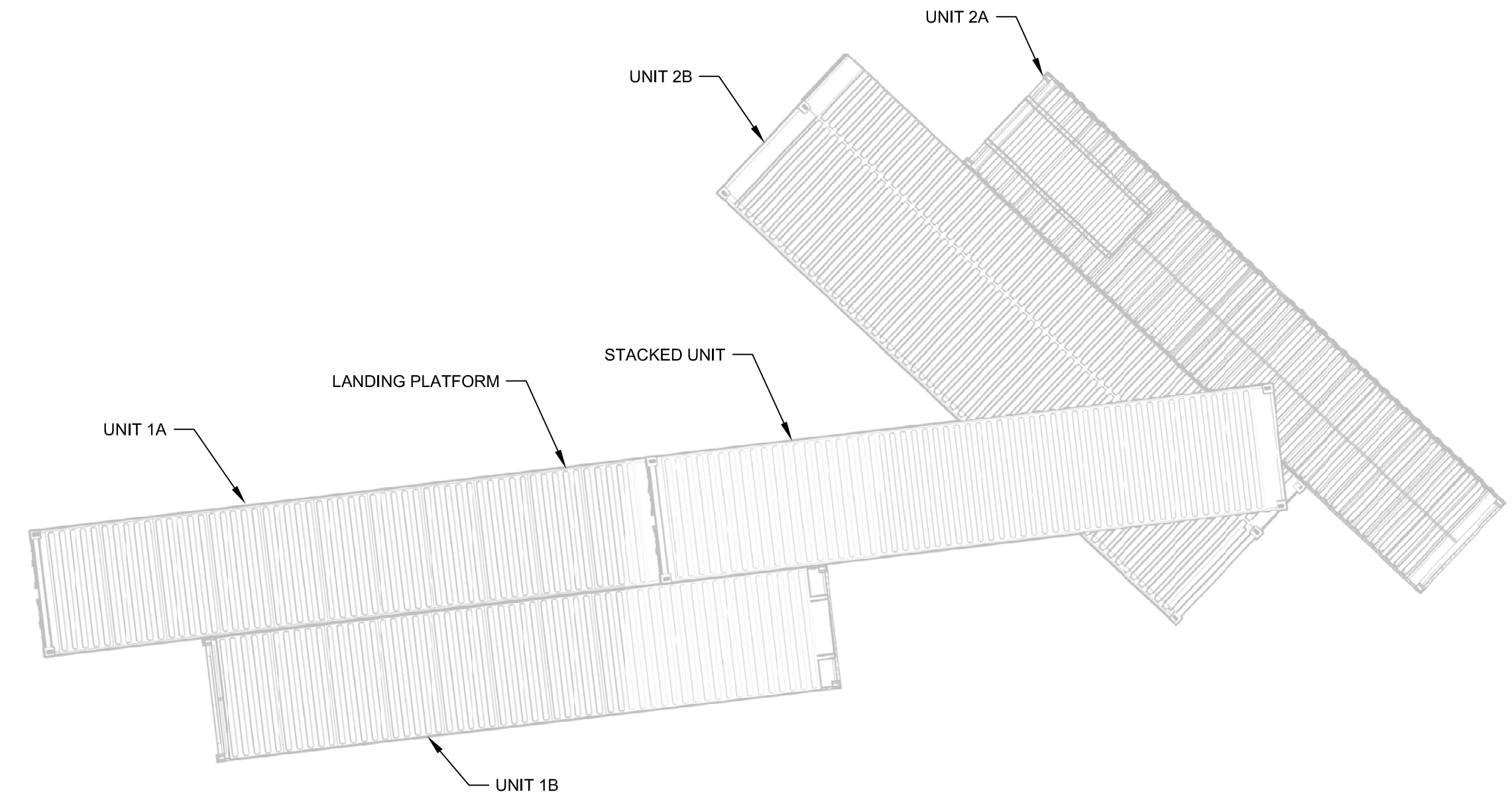
PROJECT #P23025

BOBS CONTAINERS  
1141 FM 812  
DEL VALLE, TX 78617  
(361) 202-8508





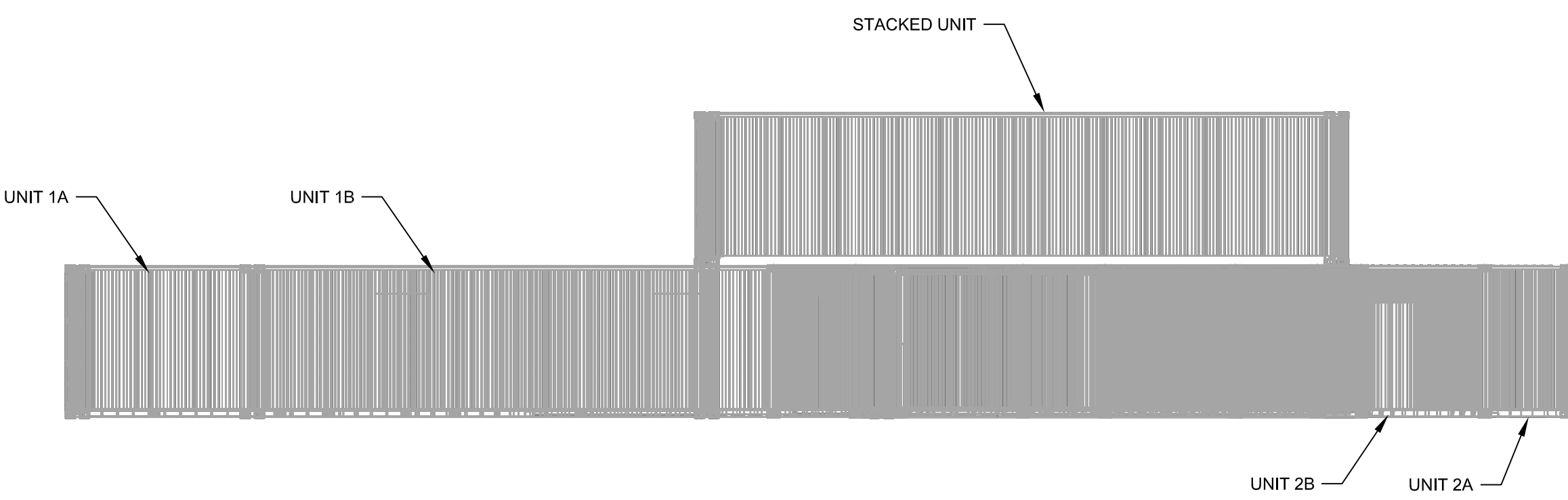
- NOTES:
- COORDINATE THE WEATHERPROOFING OF THE CONTAINER BUILDING SYSTEM SHALL BE COORDINATED BETWEEN THE ARCH & BOB'S CONTAINER.
  - REFER TO SECTIONS 3/S4.12, 4/S4.12, AND 6/S4.12 FOR CONTAINER CONNECTION DETAILS.
  - LOCATE CONTAINER BUILDING ASSEMBLY PER CIVIL DRAWING.



- NOTES:
- COORDINATE THE WEATHERPROOFING OF THE CONTAINER BUILDING SYSTEM SHALL BE COORDINATED BETWEEN THE ARCH & BOB'S CONTAINER.
  - REFER TO SECTIONS 3/S4.12, 4/S4.12, AND 6/S4.12 FOR CONTAINER CONNECTION DETAILS.
  - LOCATE CONTAINER BUILDING ASSEMBLY PER CIVIL DRAWING.

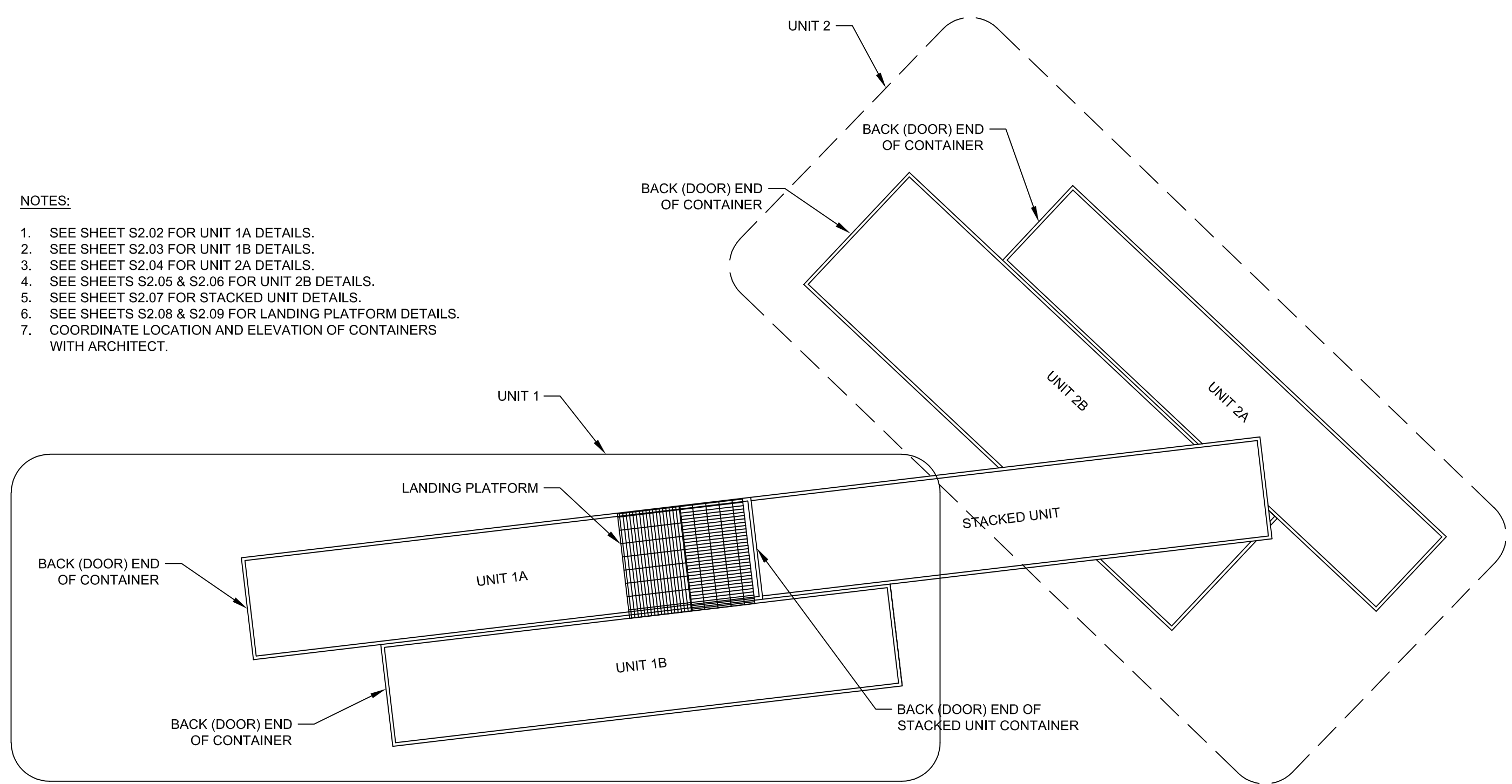
ISBU STRUCTURE ISOMETRIC VIEW  
NTS

ISBU STRUCTURE PLAN  
NTS



- NOTES:
- COORDINATE THE WEATHERPROOFING OF THE CONTAINER BUILDING SYSTEM SHALL BE COORDINATED BETWEEN THE ARCH & BOB'S CONTAINER.
  - REFER TO SECTIONS 3/S4.12, 4/S4.12, AND 6/S4.12 FOR CONTAINER CONNECTION DETAILS.
  - LOCATE CONTAINER BUILDING ASSEMBLY PER CIVIL DRAWING.

- NOTES:
- SEE SHEET S2.02 FOR UNIT 1A DETAILS.
  - SEE SHEET S2.03 FOR UNIT 1B DETAILS.
  - SEE SHEET S2.04 FOR UNIT 2A DETAILS.
  - SEE SHEETS S2.05 & S2.06 FOR UNIT 2B DETAILS.
  - SEE SHEET S2.07 FOR STACKED UNIT DETAILS.
  - SEE SHEETS S2.08 & S2.09 FOR LANDING PLATFORM DETAILS.
  - COORDINATE LOCATION AND ELEVATION OF CONTAINERS WITH ARCHITECT.



ISBU STRUCTURE ELEVATION  
NTS

KEY PLAN  
NTS

PMA Engineering  
6717 Shawnee Mission Pkwy  
Suite 100, Overland Park, KS 66202  
www.pmaengineering.com  
PMA Engineering, © 2023  
(PROJECT # P23025)

PAGE McNAGHTEN ASSOC. INC.  
PROFESSIONAL ENGINEERING  
d/b/a PMA ENGINEERING  
MISSOURI STATE CERTIFICATE  
OF AUTHORITY # 001400

MISSOURI PE COA  
MO# 2017016721



PROJECT #P23025

BOB'S CONTAINERS  
11411 FM 812  
DEL VALLE, TX 78617  
(361) 202-8508

A PROJECT FOR:  
BLUE JEANS GOLF  
1501 E US HWY 40  
LEE'S SUMMIT, MO 64015

ISSUE DATE:  
3/31/2023

REVISION:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

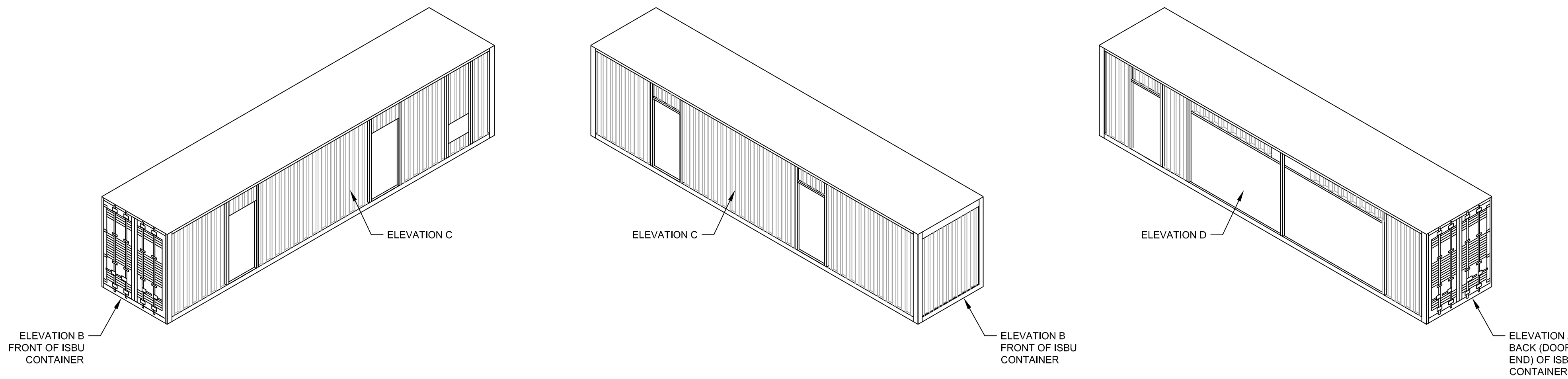
SHEET TITLE  
BUILDING LAYOUT

S2.01





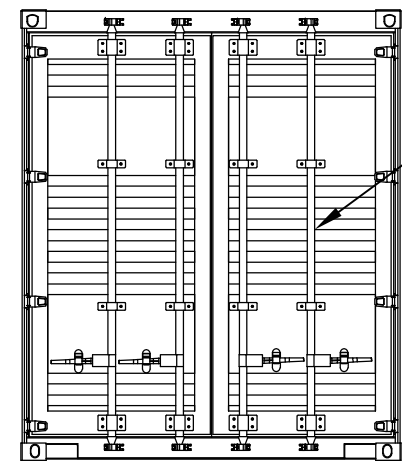




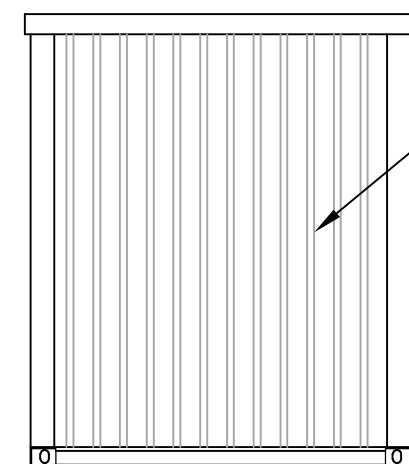
UNIT 1B  
NTS

1  
S2.03

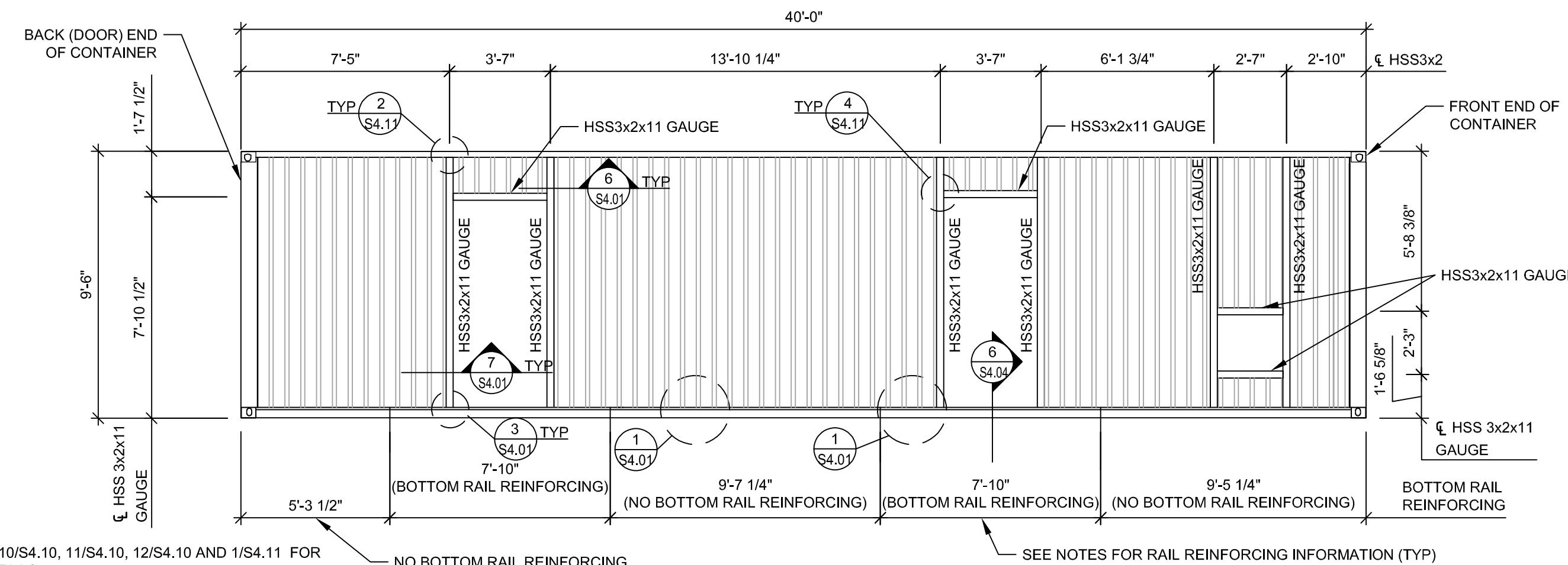
NOTE:  
DOORS SHALL BE SECURELY  
LATCHED DURING TRANSPORT.



LEAVE  
CONTAINER  
DOOR INTACT



CORRUGATED STEEL  
PANELS THIS SIDE  
TO REMAIN



NOTES:

- REFER TO DETAILS 10/S4.10, 11/S4.10, 12/S4.10 AND 1/S4.11 FOR PANEL CUTTING DETAILS.
- REFER TO SECTION 6/S4.04 FOR BOTTOM RAIL REINFORCING INFORMATION.
- ARCH / CONTAINER SUPPLIER/FABRICATOR SHALL REVIEW AND APPROVE OPENING SIZES AND LOCATIONS PRIOR TO FABRICATION.

UNIT 1B - ELEVATION A  
1/4"=1'-0"

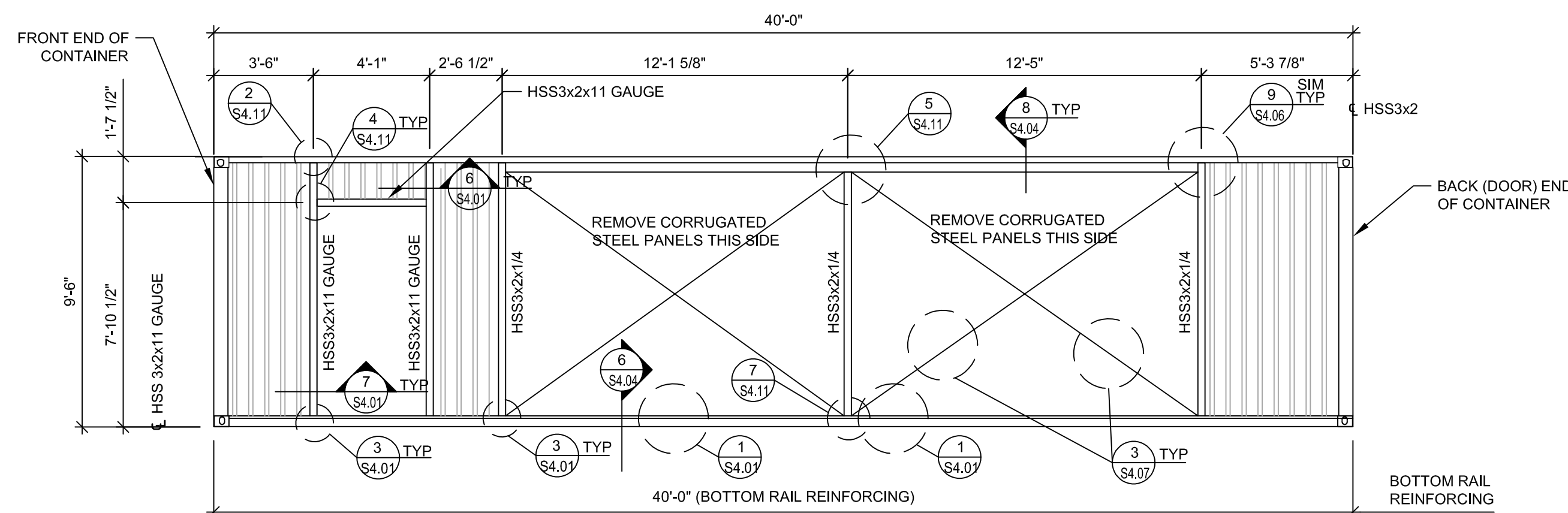
2  
S2.03

UNIT 1B - ELEVATION B  
1/4"=1'-0"

3  
S2.03

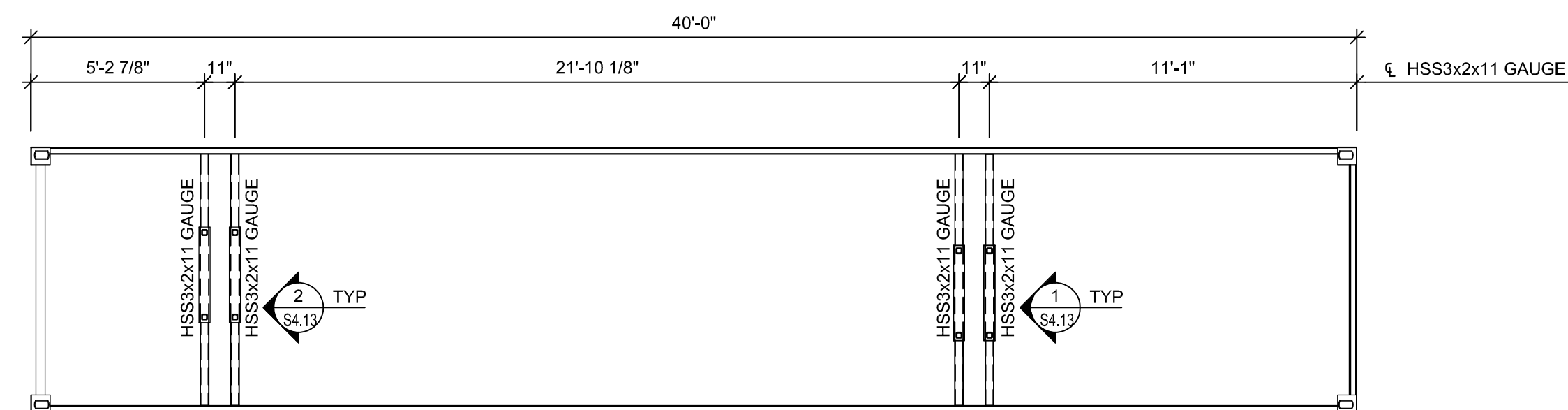
UNIT 1B - ELEVATION C  
1/4"=1'-0"

4  
S2.03



NOTES:

- REFER TO DETAILS 10/S4.10, 11/S4.10, 12/S4.10 AND 1/S4.11 FOR PANEL CUTTING DETAILS.
- REFER TO SECTION 6/S4.04 FOR BOTTOM RAIL REINFORCING INFORMATION.
- ARCH / CONTAINER SUPPLIER/FABRICATOR SHALL REVIEW AND APPROVE OPENING SIZES AND LOCATIONS PRIOR TO FABRICATION.
- TEMPORARY BRACES SHALL REMAIN IN PLACE UNTIL UNIT IS IN PLACE WITH ALL PERMANENT CONNECTIONS COMPLETE.



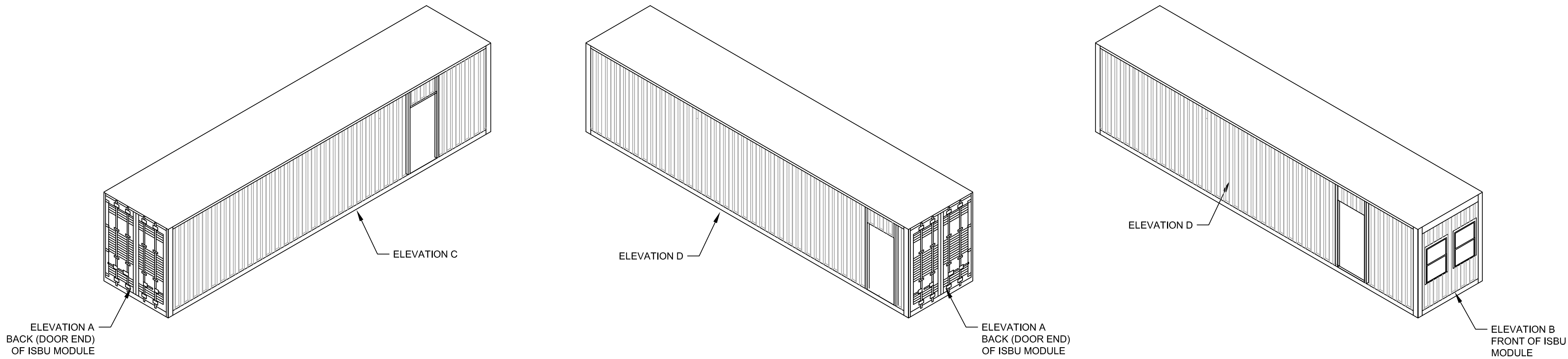
UNIT 1B - ELEVATION D  
1/4"=1'-0"

5  
S2.03

UNIT 1B - ROOF PLAN  
1/4"=1'-0"

5  
S2.03

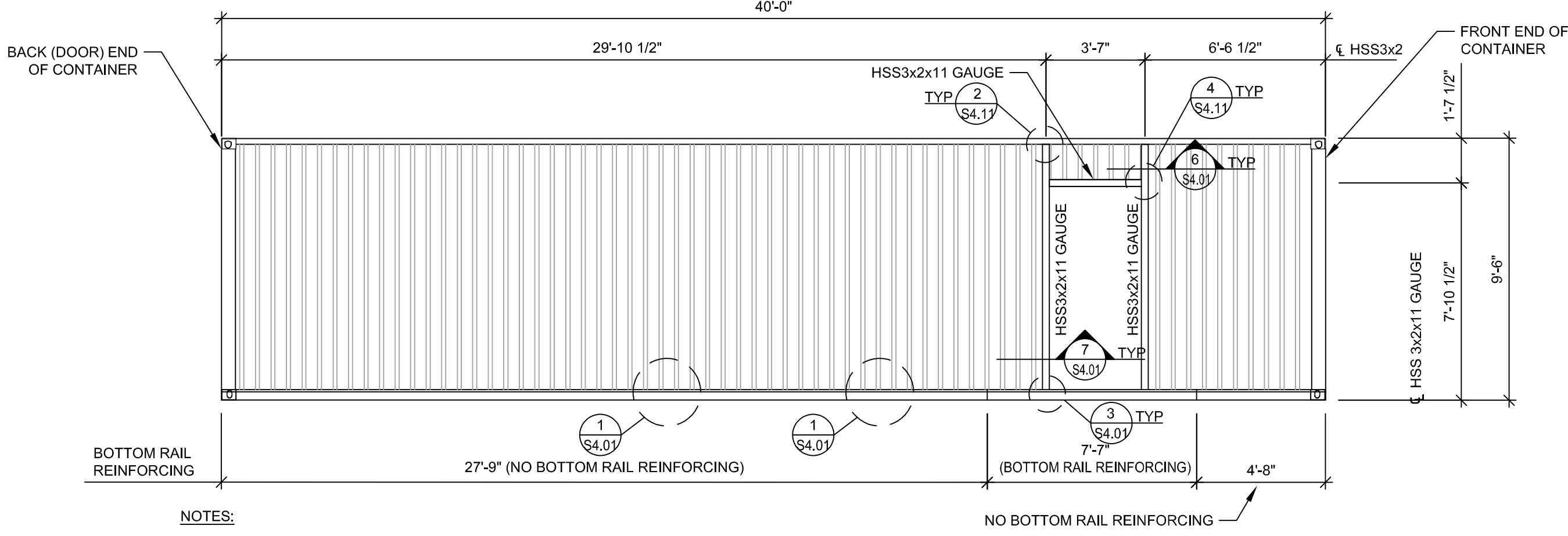
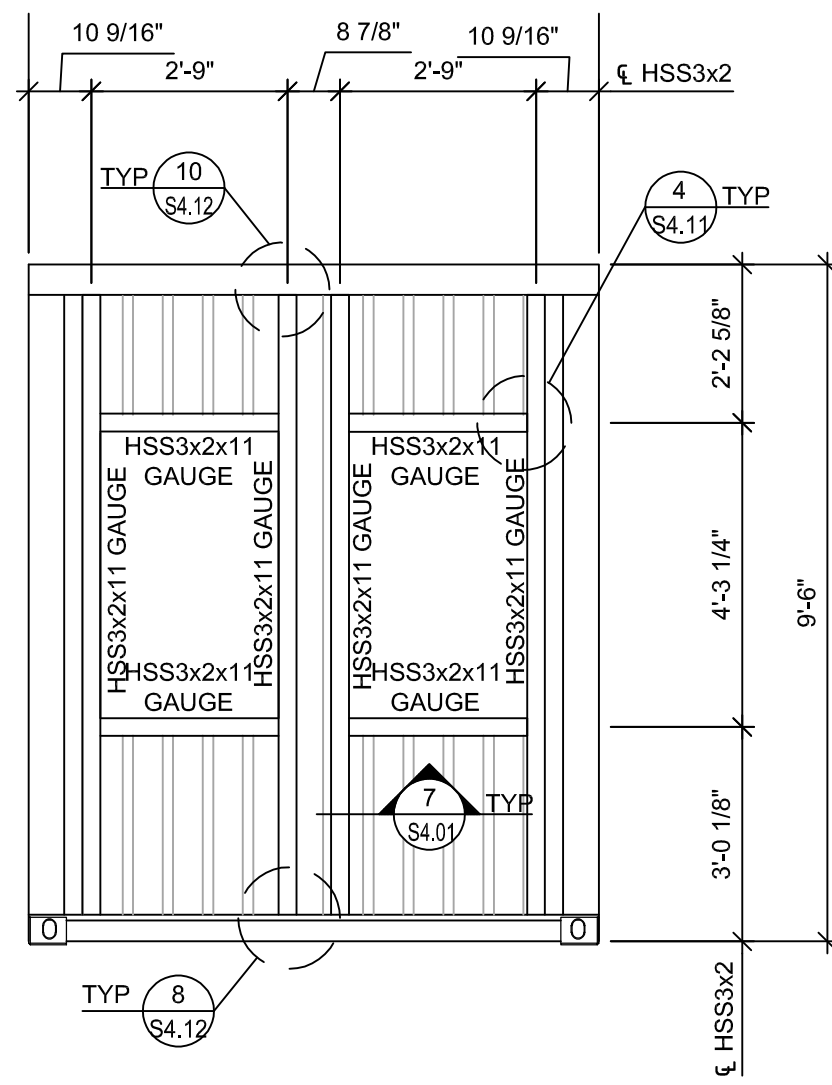
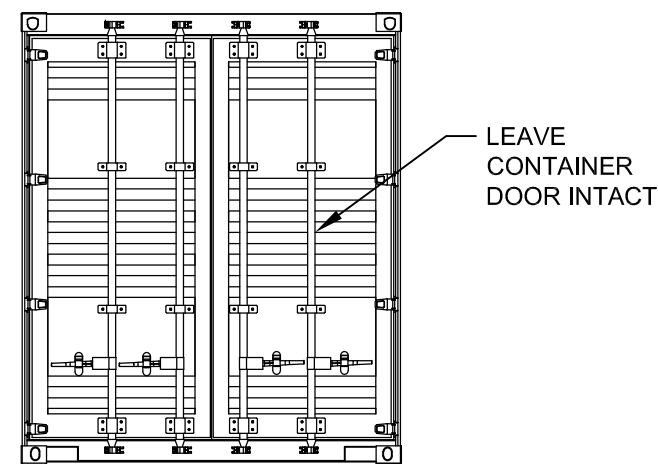




UNIT 2A  
NTS

1  
S2.04

NOTE:  
DOORS SHALL BE SECURELY  
LATCHED DURING TRANSPORT.



- NOTES:
- REFER TO DETAILS 10/S4.10, 11/S4.10, 12/S4.10 AND 1/S4.11 FOR PANEL CUTTING DETAILS.
  - REFER TO SECTION 6/S4.04 FOR BOTTOM RAIL REINFORCING INFORMATION.
  - ARCH / CONTAINER SUPPLIER/FABRICATOR SHALL REVIEW AND APPROVE OPENING SIZES AND LOCATIONS PRIOR TO FABRICATION.

UNIT 2A - ELEVATION A  
1/4"=1'-0"

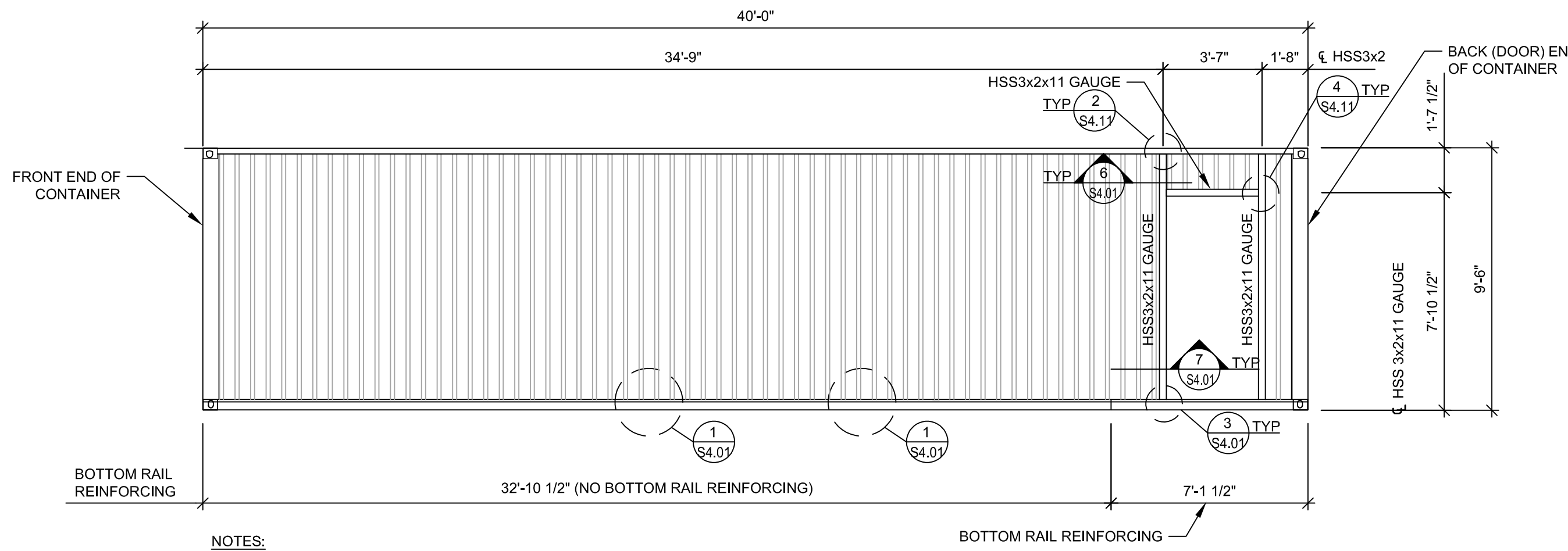
2  
S2.04

UNIT 2A - ELEVATION B  
1/4"=1'-0"

3  
S2.04

UNIT 2A - ELEVATION C  
1/4"=1'-0"

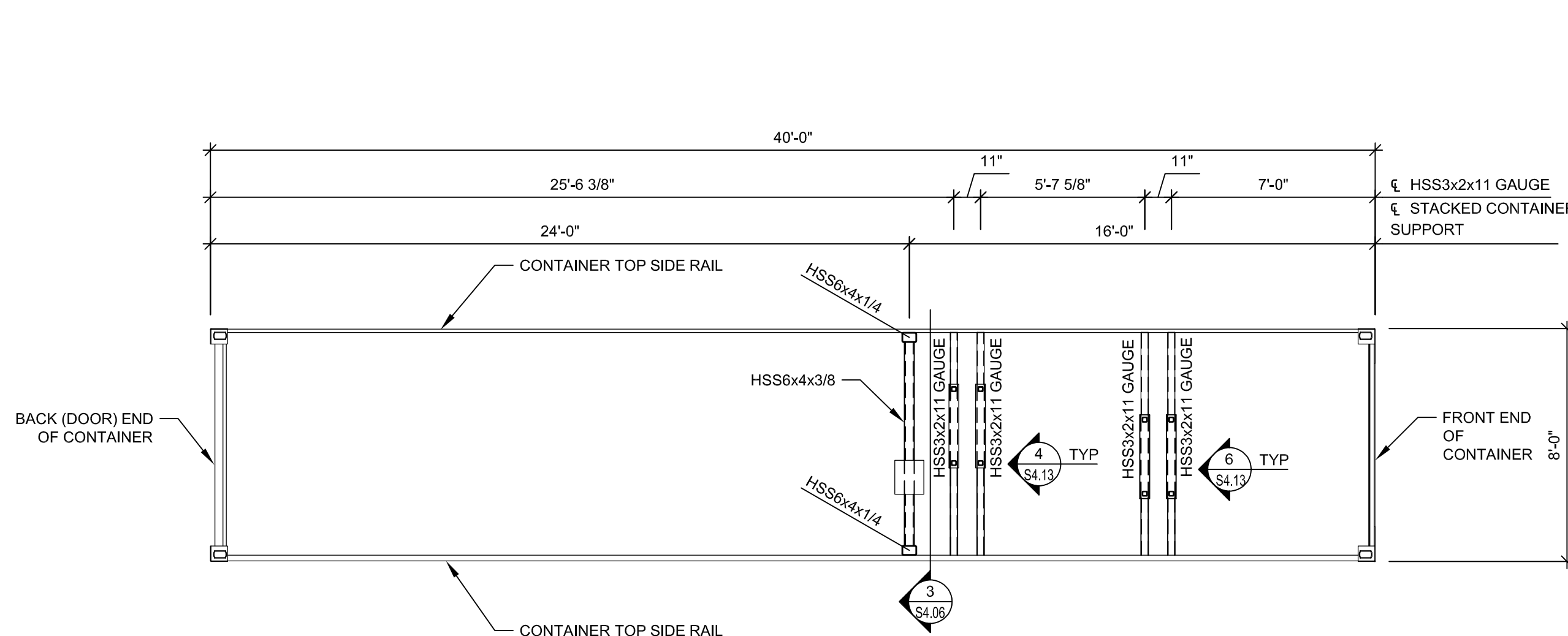
4  
S2.04



- NOTES:
- REFER TO DETAILS 10/S4.10, 11/S4.10, 3/S4.10 AND 1/S4.11 FOR PANEL CUTTING DETAILS.
  - REFER TO SECTION 6/S4.04 FOR BOTTOM RAIL REINFORCING INFORMATION.
  - ARCH / CONTAINER SUPPLIER/FABRICATOR SHALL REVIEW AND APPROVE OPENING SIZES AND LOCATIONS PRIOR TO FABRICATION.

UNIT 2A - ELEVATION D  
1/4"=1'-0"

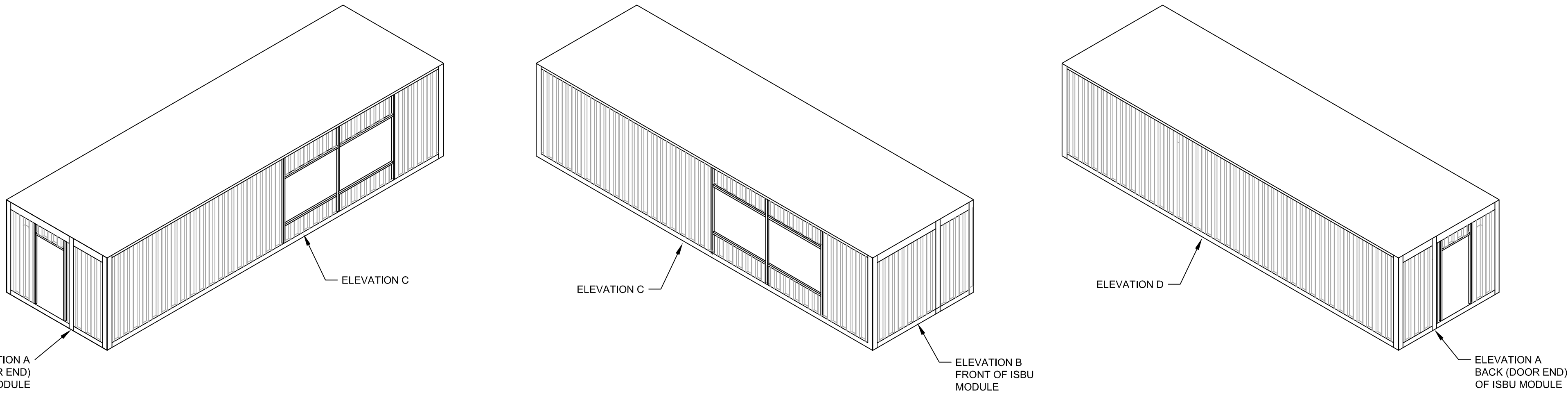
5  
S2.04



UNIT 2A - PLAN  
1/4"=1'-0"

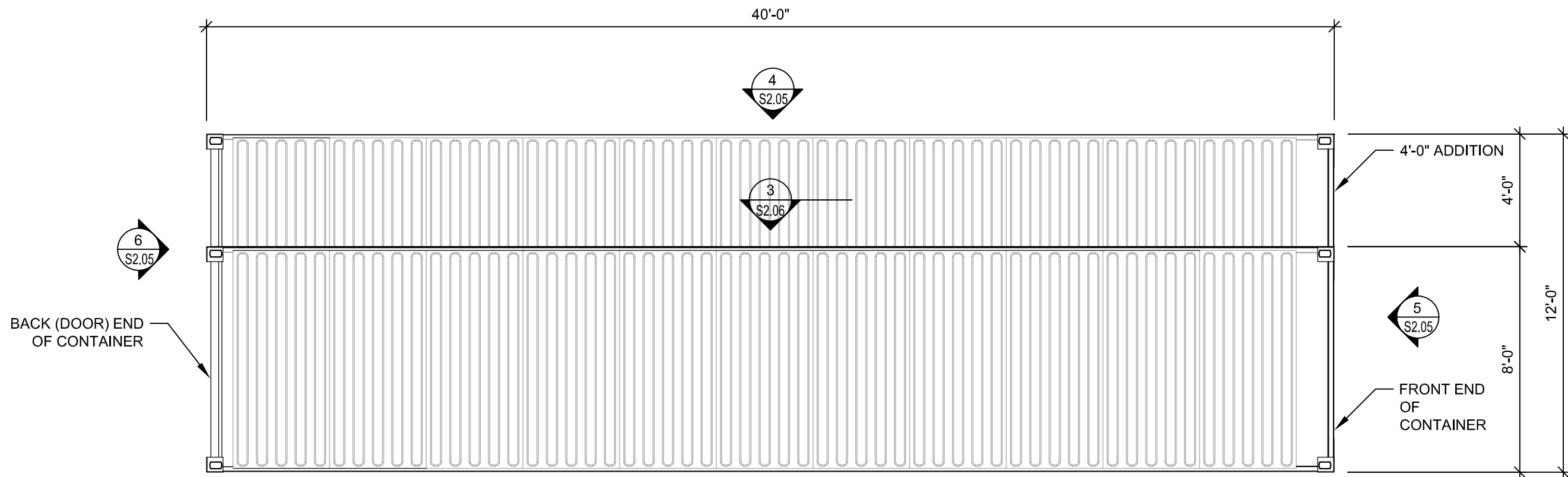
6  
S2.04





UNIT 2B  
NTS

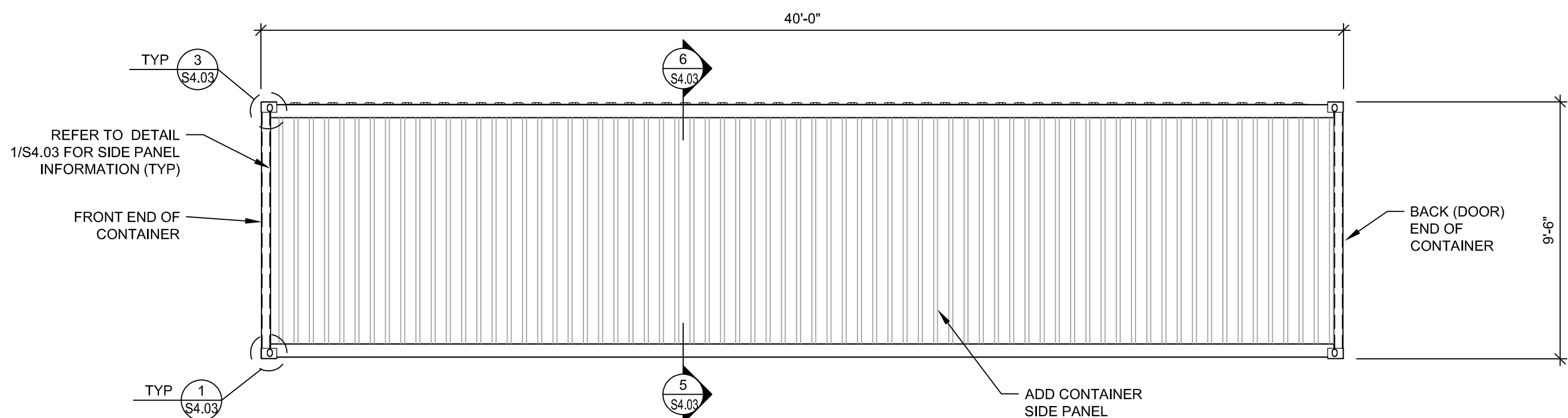
1  
S2.05



- NOTES:
- SEE SHEET S2.06 FOR ADDITIONAL FRAMING PLANS AND INTERIOR ELEVATION.
  - ACQUIRE NEW CONTAINER ROOF PANEL MATERIAL.

UNIT 2B - PLAN  
1/4"=1'-0"

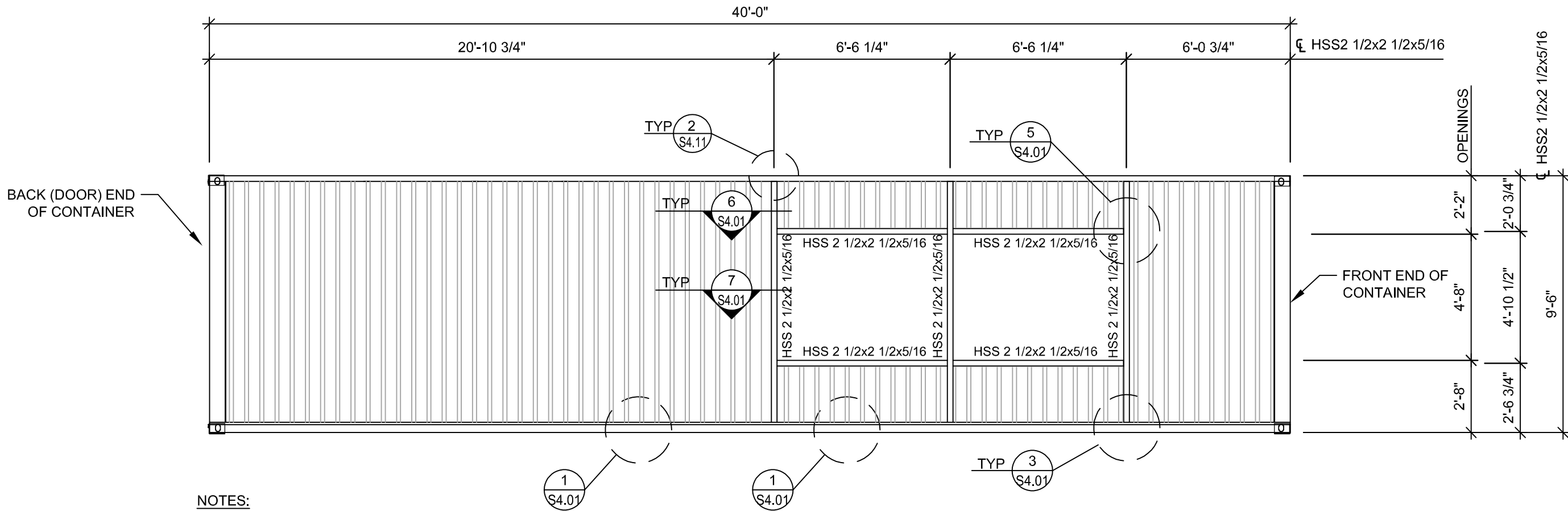
2  
S2.05



- NOTES:
- ACQUIRE NEW CONTAINER SIDE WALL PANEL MATERIAL.

UNIT 2B - ELEVATION D  
1/4"=1'-0"

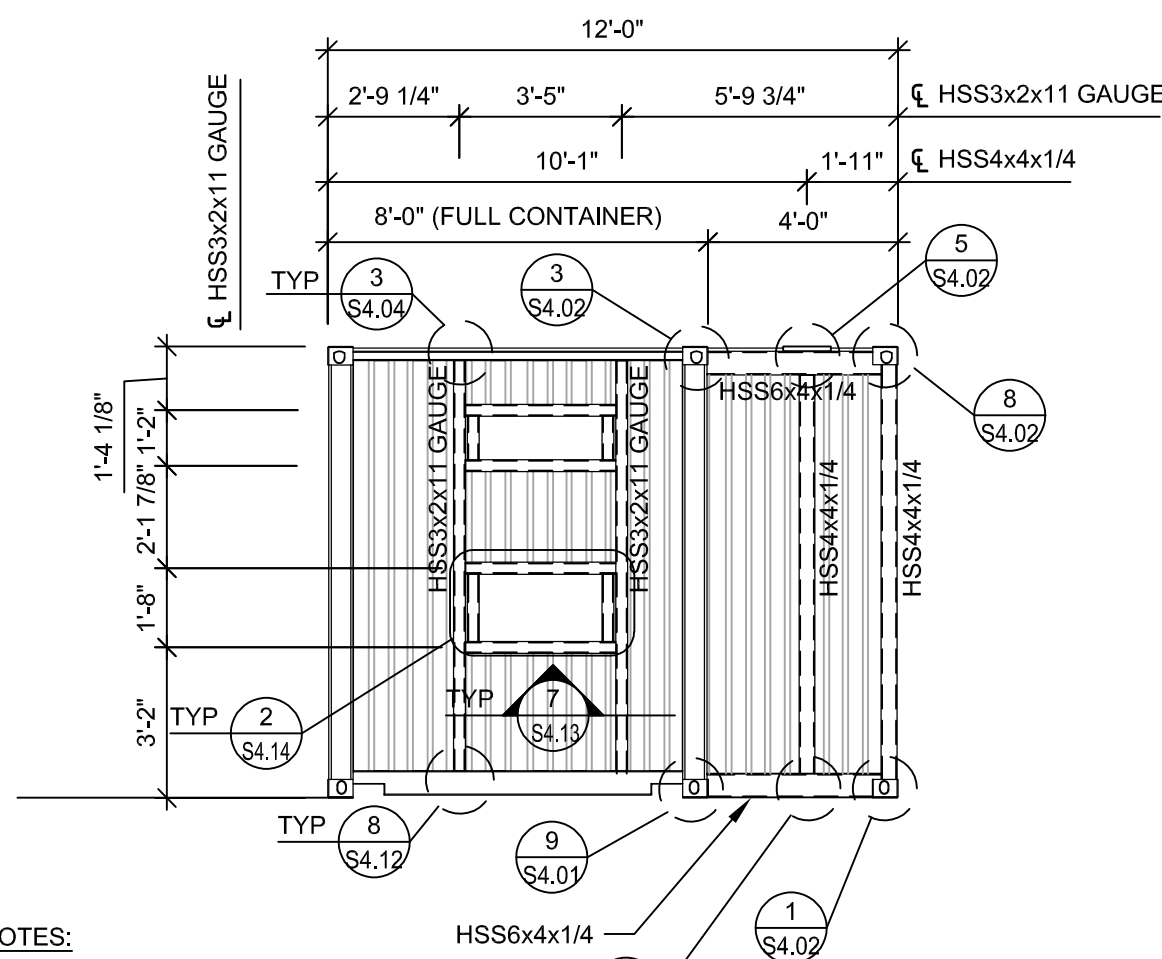
4  
S2.05



- NOTES:
- REFER TO DETAILS 10/S4.10, 11/S4.10, 12/S4.10 AND 1/S4.11 FOR PANEL CUTTING DETAILS.
  - REFER TO SECTION 6/S4.04 FOR BOTTOM RAIL REINFORCING INFORMATION.
  - ARCH / CONTAINER SUPPLIER/FABRICATOR SHALL REVIEW AND APPROVE OPENING SIZES AND LOCATIONS PRIOR TO FABRICATION.

UNIT 2B- ELEVATION C  
1/4"=1'-0"

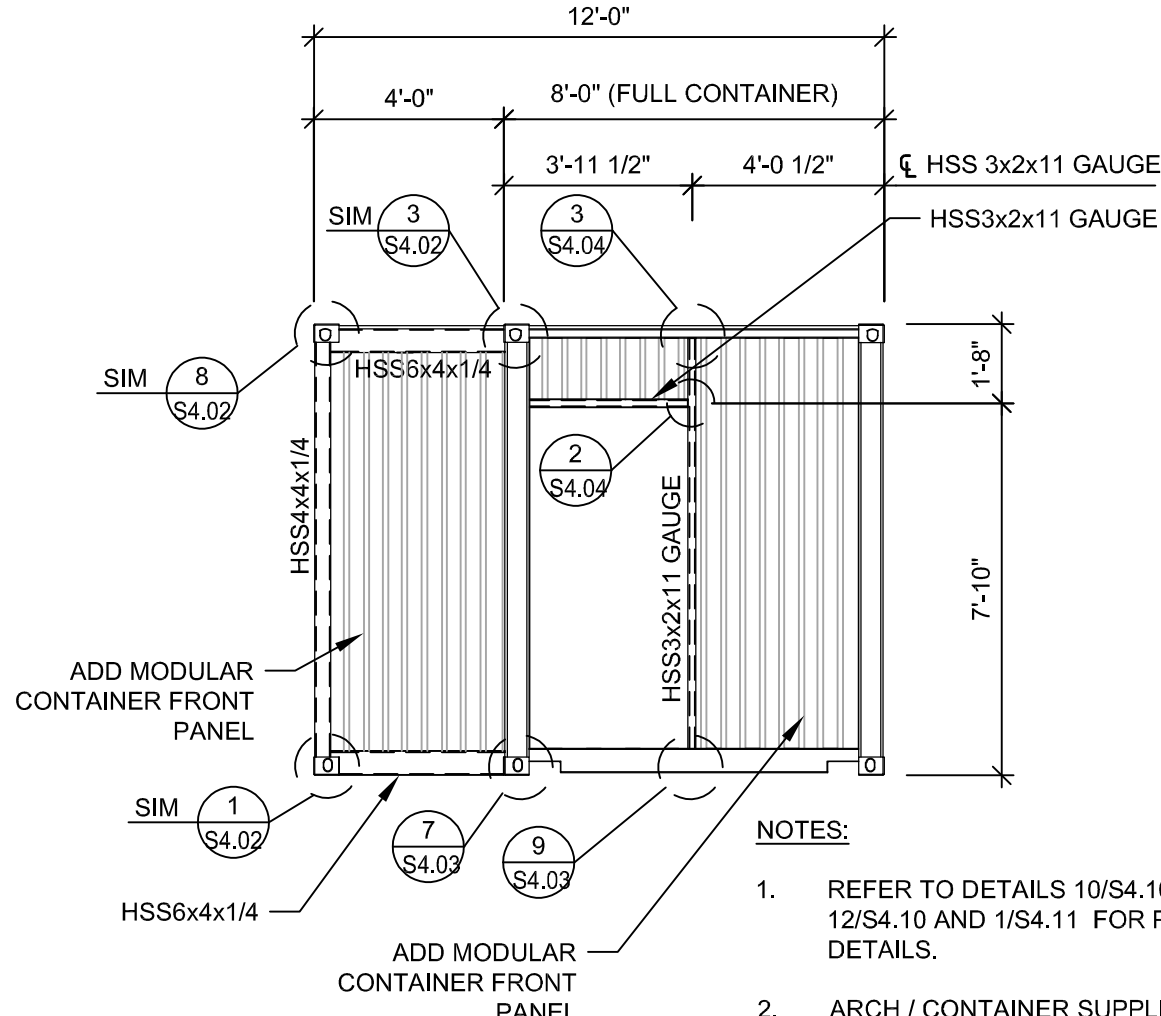
3  
S2.05



- NOTES:
- ACQUIRE NEW CONTAINER FRONT WALL PANEL MATERIAL.

UNIT 2B- ELEVATION B  
1/4"=1'-0"

5  
S2.05



- NOTES:
- REFER TO DETAILS 10/S4.10, 11/S4.10, 12/S4.10 AND 1/S4.11 FOR PANEL CUTTING DETAILS.
  - ARCH / CONTAINER SUPPLIER/FABRICATOR SHALL REVIEW AND APPROVE OPENING SIZES AND LOCATIONS PRIOR TO FABRICATION.

UNIT 2B- ELEVATION B  
1/4"=1'-0"

5  
S2.05

A PROJECT FOR:

BLUE JEANS GOLF  
1501 E US HWY 40  
LEE'S SUMMIT, MO 64015

ISSUE DATE:  
3/31/2023

REVISION:

SHEET TITLE  
UNIT 2B LAYOUT

S2.05



PROJECT #P23025

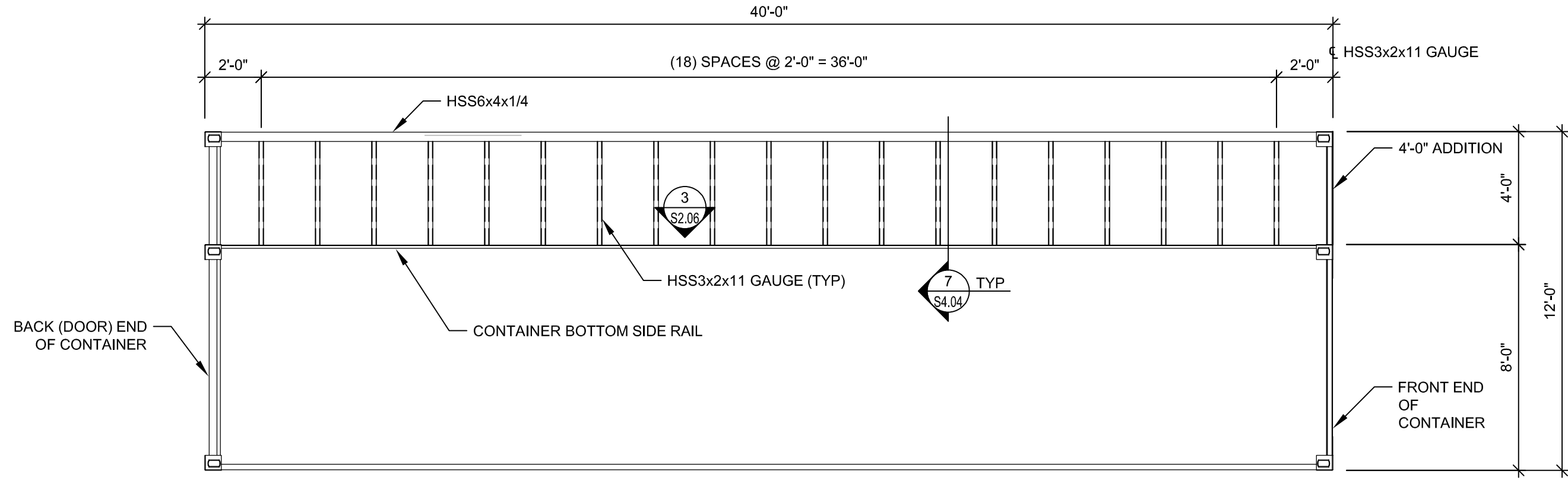
BOBS CONTAINERS  
1141 FM 812  
DEL VALLE TX 78617  
(361) 202-8508

PMA Engineering  
6717 Shawnee Mission Pkwy  
Suite 100, Overland Park, KS 66202  
www.pmaengineering.com  
PMA Engineering, © 2023  
(PROJECT # P23025)

PAGE McNAGHTEN ASSOC. INC.  
PROFESSIONAL ENGINEERING  
d/b/a PMA ENGINEERING  
MISSOURI STATE CERTIFICATE  
OF AUTHORITY # 001400

MISSOURI PE COA  
MO# 2017016721

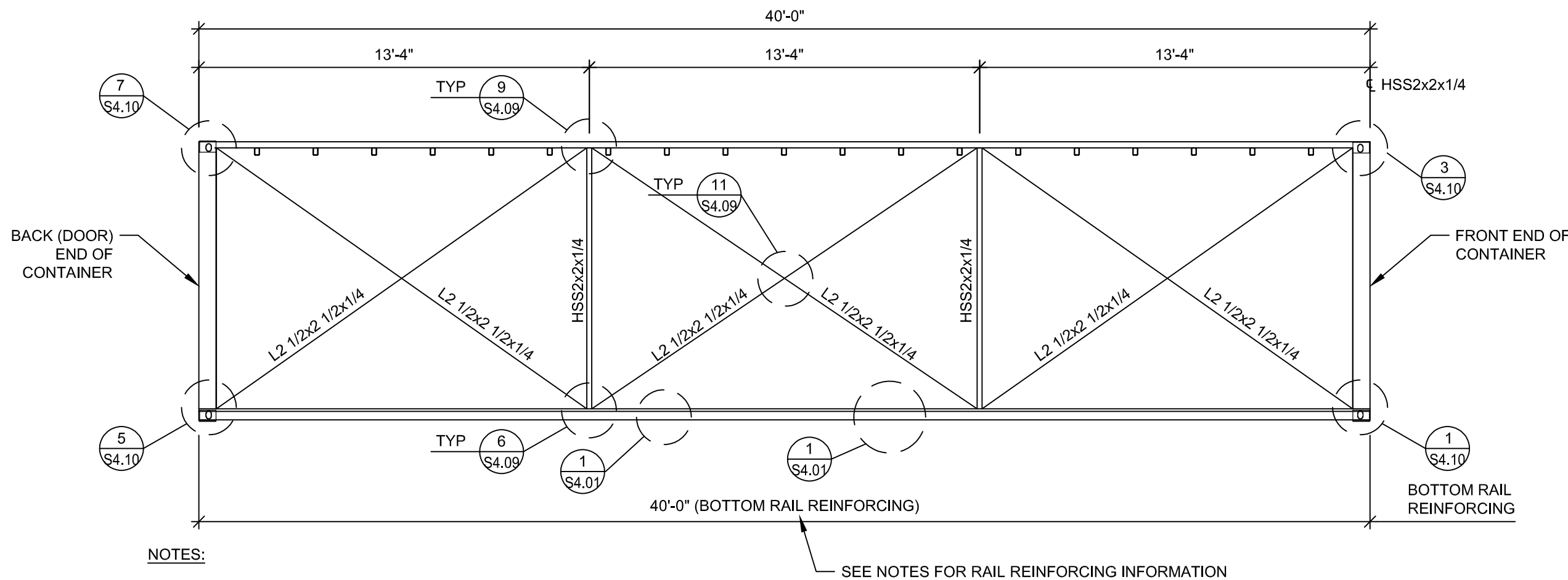




UNIT 2B - FLOOR FRAMING PLAN

1  
S2.06

1/4" = 1'-0"



NOTES:

1. REFER TO DETAILS 1/S-14, 2/S-14, 3/S-14 AND 4/S-14 FOR PANEL CUTTING DETAILS.
2. REFER TO SECTION 6/S4.04 FOR RAIL REINFORCING INFORMATION.

SEE NOTES FOR RAIL REINFORCING INFORMATION

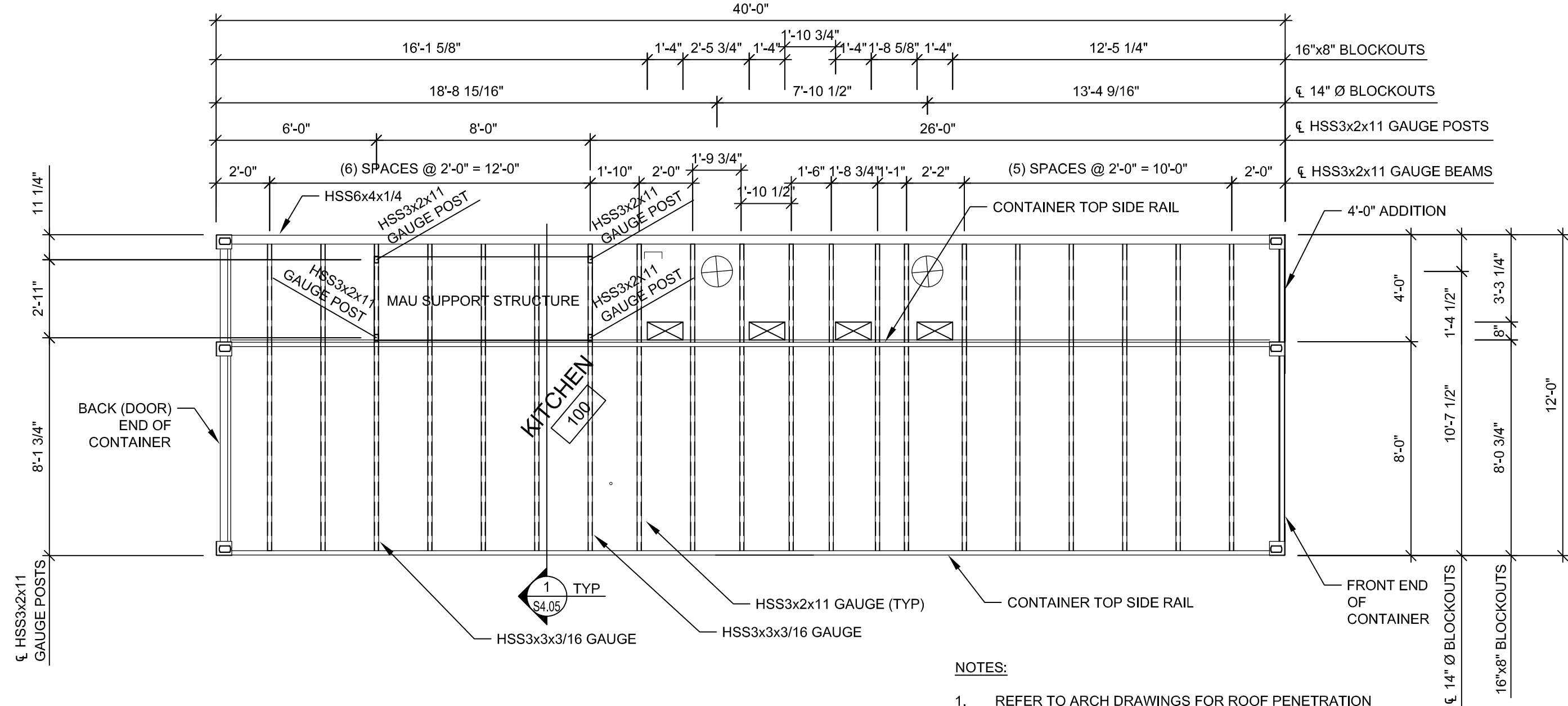
UNIT 2B - INTERIOR ELEVATION

3  
S2.06

1/4"=1'-0"

NOT USED

3  
S2.06



NOTES:

1. REFER TO ARCH DRAWINGS FOR ROOF PENETRATION FLASHING DETAILS.
2. REFER TO PLAN 6/S4.05 FOR MAU SUPPORT STRUCTURE INFORMATION.
3. REFER TO DETAILS 9/S4.05 AND 10/S4.05 FOR ROOF PENETRATION REINFORCING INFORMATION.
4. MECH SUPPLIER SHALL COORDINATE DUCT PATH WITH PENETRATION LOCATIONS
5. COORDINATE ROOF PENETRATION SIZES AND LOCATIONS WITH MECH SUPPLIER.

UNIT 2B - ROOF FRAMING PLAN

2  
S2.06

1/4" = 1'-0"

NOT USED

5  
S2.06

NOT USED

6  
S2.06

A PROJECT FOR:

BLUE JEANS GOLF  
1501 E US HWY 40  
LEE'S SUMMIT, MO 64015

ISSUE DATE:  
3/31/2023

REVISION:

SHEET TITLE  
UNIT 2B LAYOUT

S2.06

PMA Engineering  
6717 Shawnee Mission Pkwy  
Suite 100, Overland Park, KS 66202  
www.pmaengineering.com  
(PROJECT # P23025)

PAGE McNAGHTEN ASSOC., INC.  
PROFESSIONAL ENGINEERING  
d/b/a PMA ENGINEERING  
MISSOURI STATE CERTIFICATE  
OF AUTHORITY # 001400

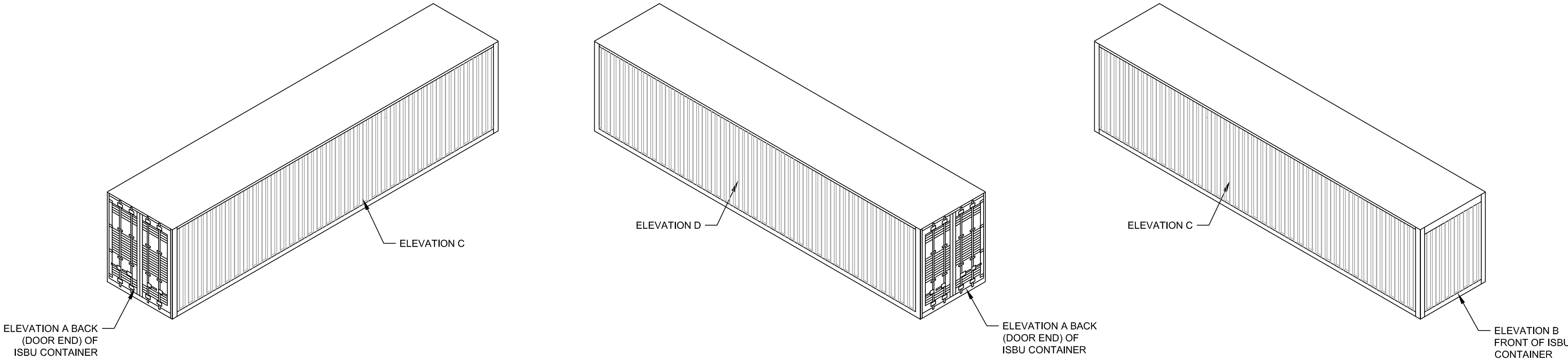
MISSOURI PE COA  
MO# 2017016721

STATE OF MISSOURI  
VALERIE J. KAHN  
REGISTERED PROFESSIONAL ENGINEER  
NUMBER  
PE-2017016721  
03/31/2023

PROJECT #P23025

BOBS CONTAINERS  
11411 FM 812  
DEL VALLE, TX 78617  
(361) 202-8508

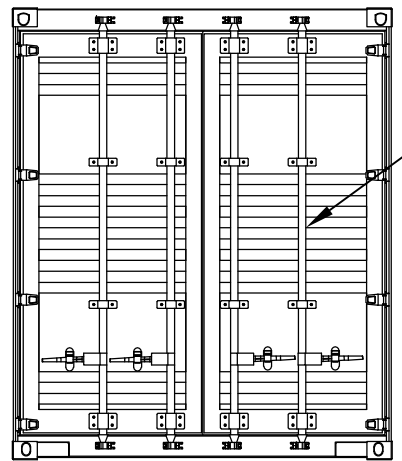




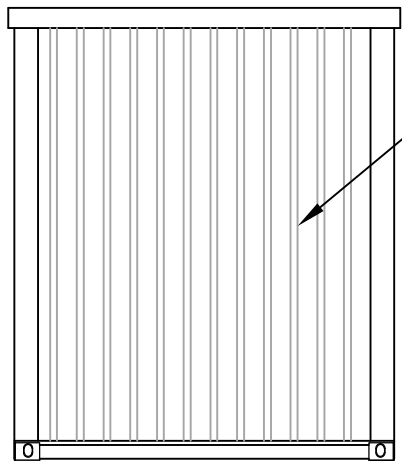
STACKED UNIT  
NTS

1  
S2.07

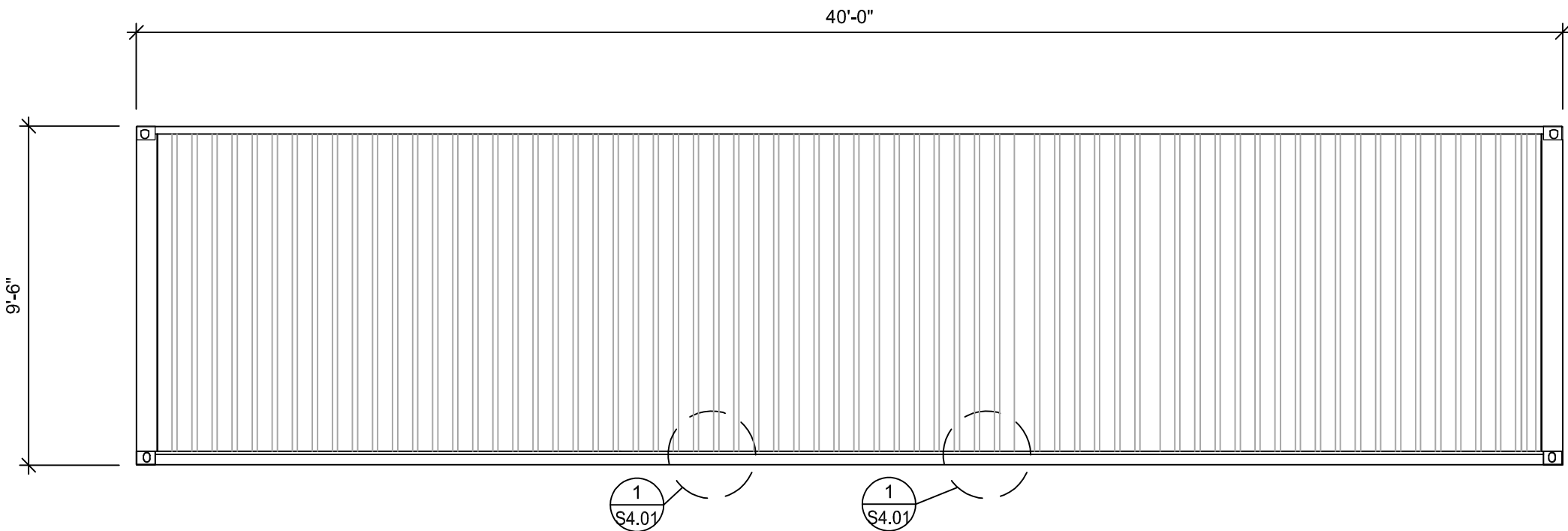
NOTE:  
DOORS SHALL BE SECURELY  
LATCHED DURING TRANSPORT.



LEAVE  
CONTAINER  
DOOR INTACT



CORRUGATED STEEL  
PANELS THIS SIDE  
TO REMAIN



1  
S4.01

1  
S4.01

STACKED UNIT - ELEVATION A  
1/4"=1'-0"

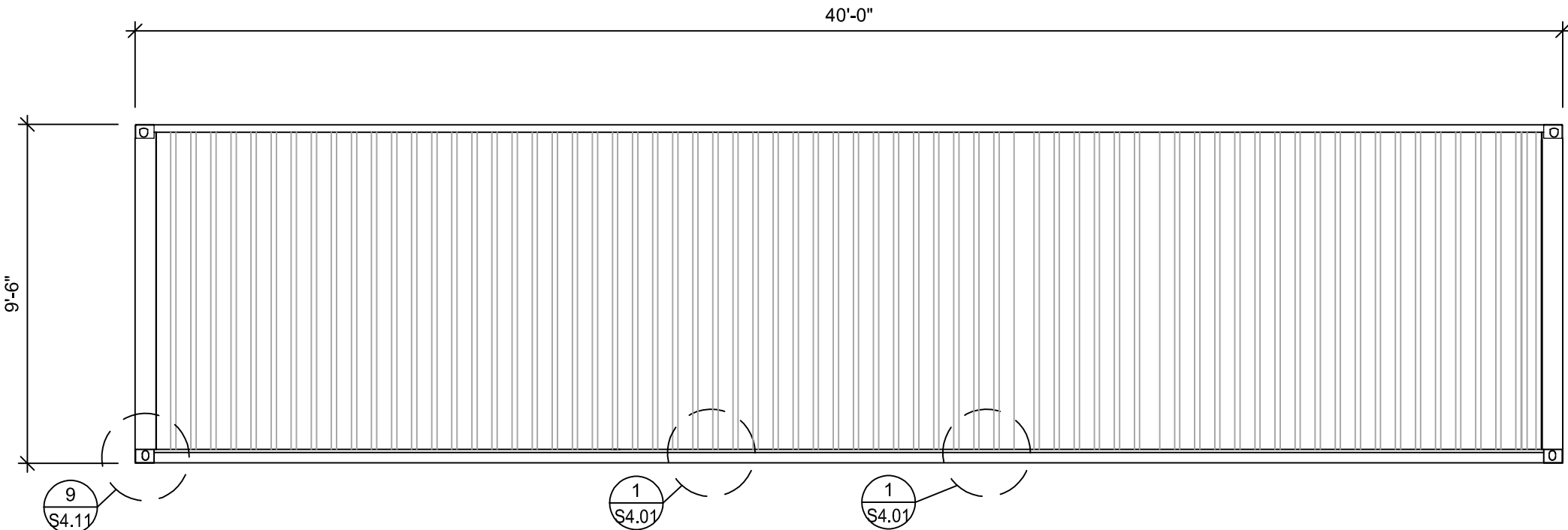
2  
S2.04

STACKED UNIT - ELEVATION B  
1/4"=1'-0"

3  
S2.04

STACKED UNIT - ELEVATION C  
1/4"=1'-0"

4  
S2.04



9  
S4.11

1  
S4.01

1  
S4.01

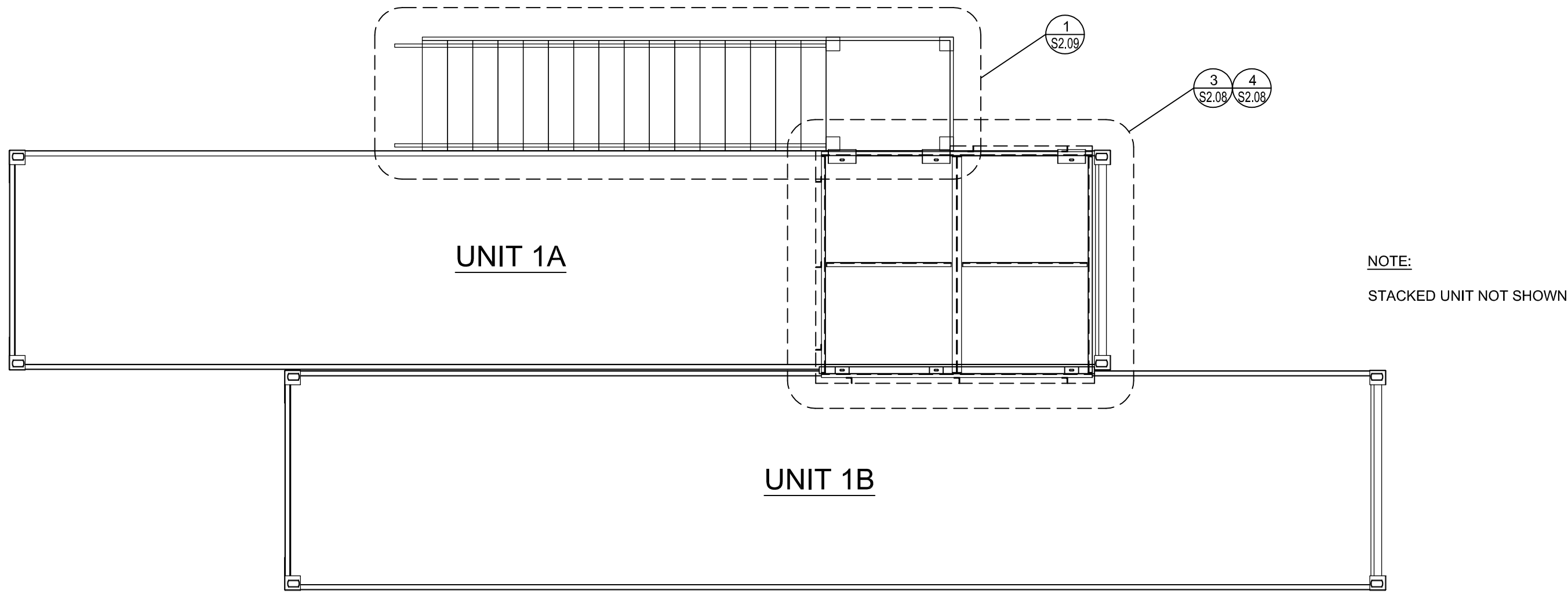
STACKED UNIT - ELEVATION D  
1/4"=1'-0"

5  
S2.04

NOT USED

6  
S2.07

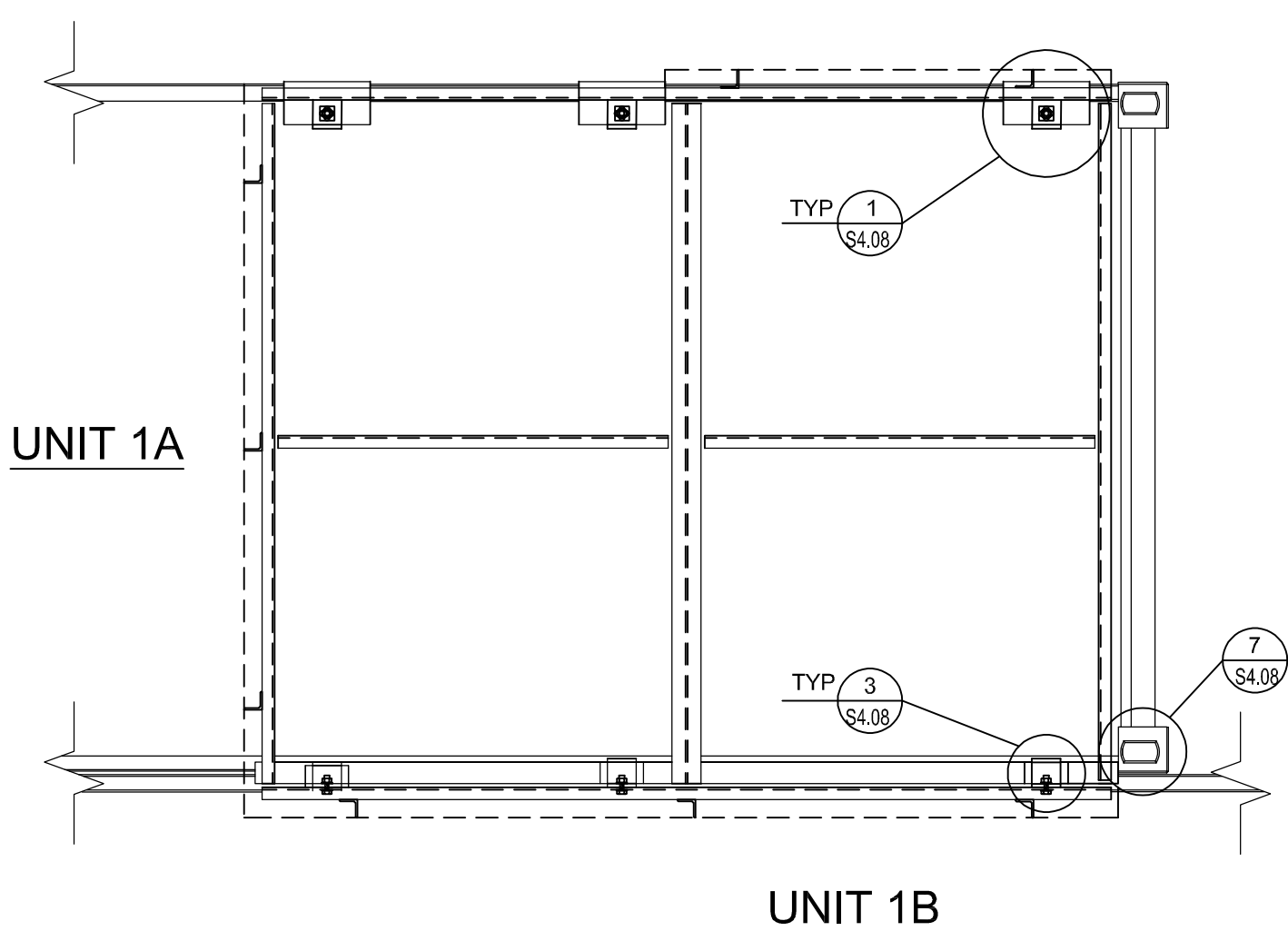




UNIT 1 PLAN  
1/4" = 1'-0"

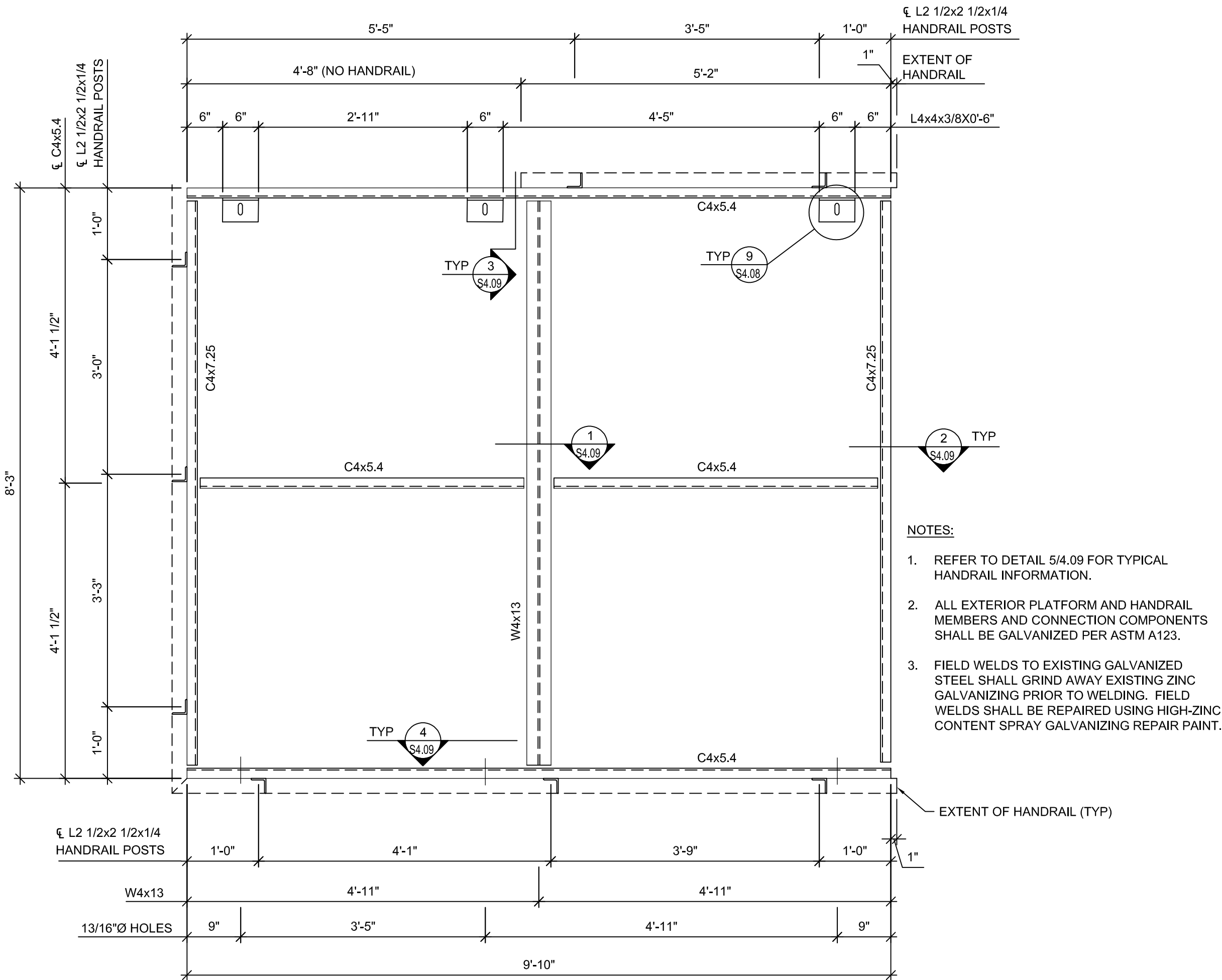
1  
S2.08

- NOTES:
- SEE DETAIL 3/S2.08 FOR PLATFORM DETAILS.
  - STACKED UNIT NOT SHOWN.
  - COORDINATE THE WEATHERPROOFING OF THE CONTAINER BUILDING SYSTEM SHALL BE COORDINATED BETWEEN THE ARCH & BOB'S CONTAINER.



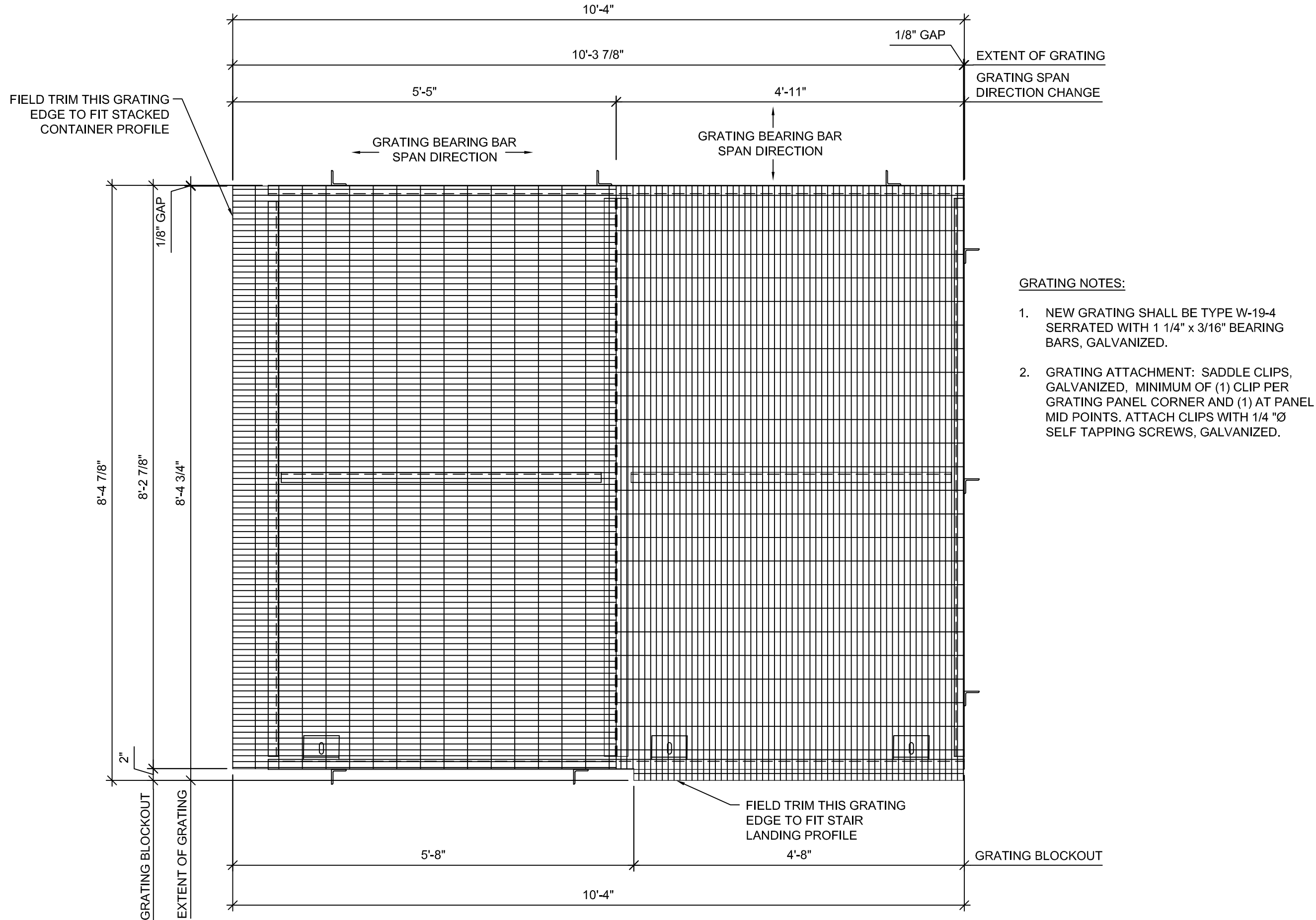
TOP OF CONTAINER @ LANDING PLAN  
1/2" = 1'-0"

2  
S2.08



LANDING FRAMING PLAN  
3/4" = 1'-0"

3  
S2.08



GRATING PLAN  
3/4" = 1'-0"

4  
S2.08

**PMA Engineering**  
6717 Shawnee Mission Pkwy  
Suite 100, Overland Park, KS 66202  
Tel: 913.241.1111  
www.pmaengineering.com  
(PROJECT # P23025)

PAGE MCMAGHTEN ASSOC. INC.  
PROFESSIONAL ENGINEERING  
d/b/a PMA ENGINEERING  
MISSOURI STATE CERTIFICATE  
OF AUTHORITY # 001400

MISSOURI PE COA  
MO# 2017016721

STATE OF MISSOURI  
VALERIE J. KAHN  
PE-2017016721  
03/31/2023

PROJECT #P23025

A PROJECT FOR:

**BLUE JEANS GOLF**  
1501 E US HWY 40  
LEE'S SUMMIT, MO 64015

BOBS CONTAINERS  
11411 FM 812  
DEL VALLE, TX 78617  
(360) 202-8508

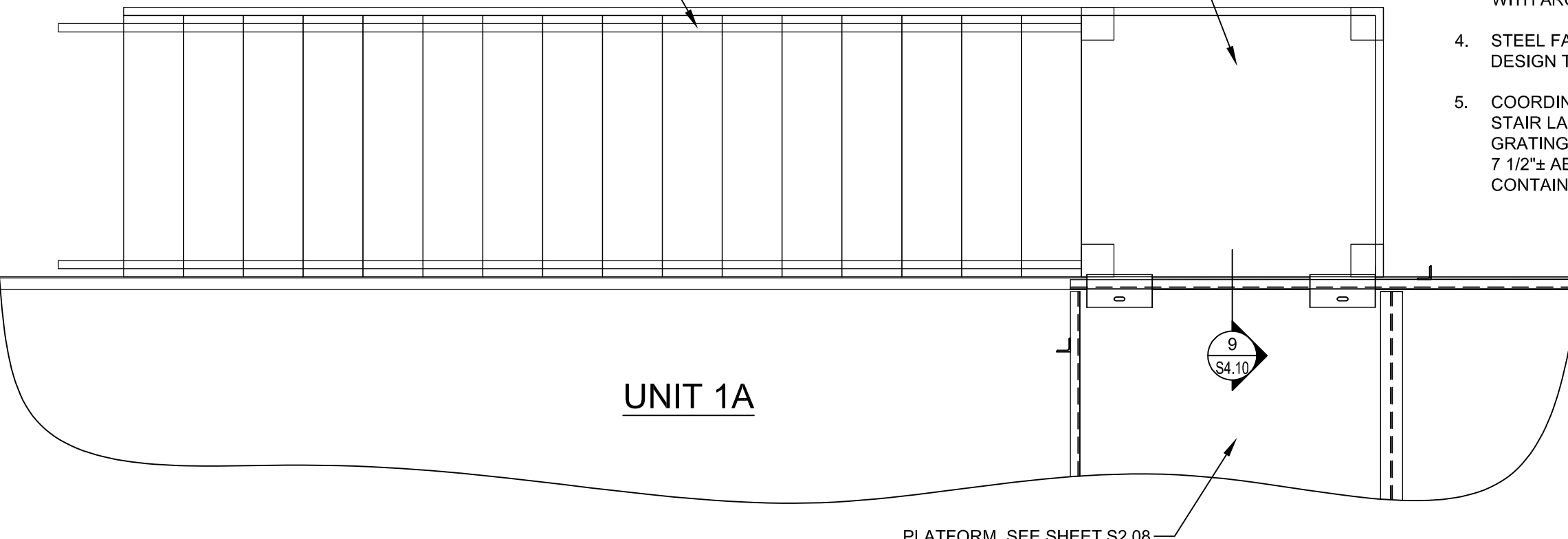
ISSUE DATE:  
3/31/2023

REVISION:

SHEET TITLE  
PLATFORM LAYOUT

S2.08



<div><div><div>STAIR TREADS SHALL HAVE SLIP RESISTANT STAIR NOSING AND 1 1/4"x3/16" W-19 SERRATED GALVANIZED STEEL GRATING.</div><div>STAIR LANDING SHALL HAVE 1 1/4"x3/16" W-19 SERRATED GALVANIZED STEEL GRATING.</div></div><div></div><div><div>NOTES:</div><div><div>1. THE STAIRS AND STAIR LANDING DESIGN IS DEFERRED TO THE STEEL FABRICATOR.</div><div>2. ALL STEEL GRATING, MEMBERS AND CONNECTION MATERIALS SHALL BE GALVANIZED PER ASTM A123.</div><div>3. COORDINATE STAIR AND STAIR LANDING DESIGN WITH ARCH.</div><div>4. STEEL FABRICATOR SHALL PROVIDE CONNECTION DESIGN TO FOUNDATIONS BELOW.</div><div>5. COORDINATE THE BOTTOM OF STAIR AND TOP OF STAIR LANDING ELEVATIONS WITH ARCH. TOP OF GRATING FOR PLATFORM ON TOP OF CONTAINER IS 7 1/2"± ABOVE THE TOP SIDE RAIL OF THE CONTAINER BELOW.</div></div></div></div> <div data-bbox="91 645 1431 711"><div><div>PLAN - STAIRS</div><div>1/2" = 1'-0"</div><div><div>1</div><div>S2.09</div></div></div></div>	<div><div>NOT USED</div><div><div>2</div><div>S2.09</div></div></div>
<div><div>NOT USED</div><div><div>3</div><div>S2.09</div></div></div>	<div><div>NOT USED</div><div><div>3</div><div>S2.09</div></div></div>

PMA Engineering

6717 Shawnee Mission Pkwy  
Suite 100, Overland Park, KS 66202  
www.pmaengineering.com  
PMA Engineering, © 2023  
(PROJECT # P23025)

PAGE McNAGHTEN ASSOC. INC.

PROFESSIONAL ENGINEERING


dba PMA ENGINEERING

MISSOURI STATE CERTIFICATE

OF AUTHORITY # 001400

MISSOURI PE COA

MO# 2017016721



03/31/2023

PROJECT #P23025

BOBS CONTAINERS

11411 FM 812  
DEL VALLE, TX 78617  
(361) 202-8508

A PROJECT FOR:

BLUE JEANS GOLF

1501 E US HWY 40

LEE'S SUMMIT, MO 64015

ISSUE DATE:

3/31/2023

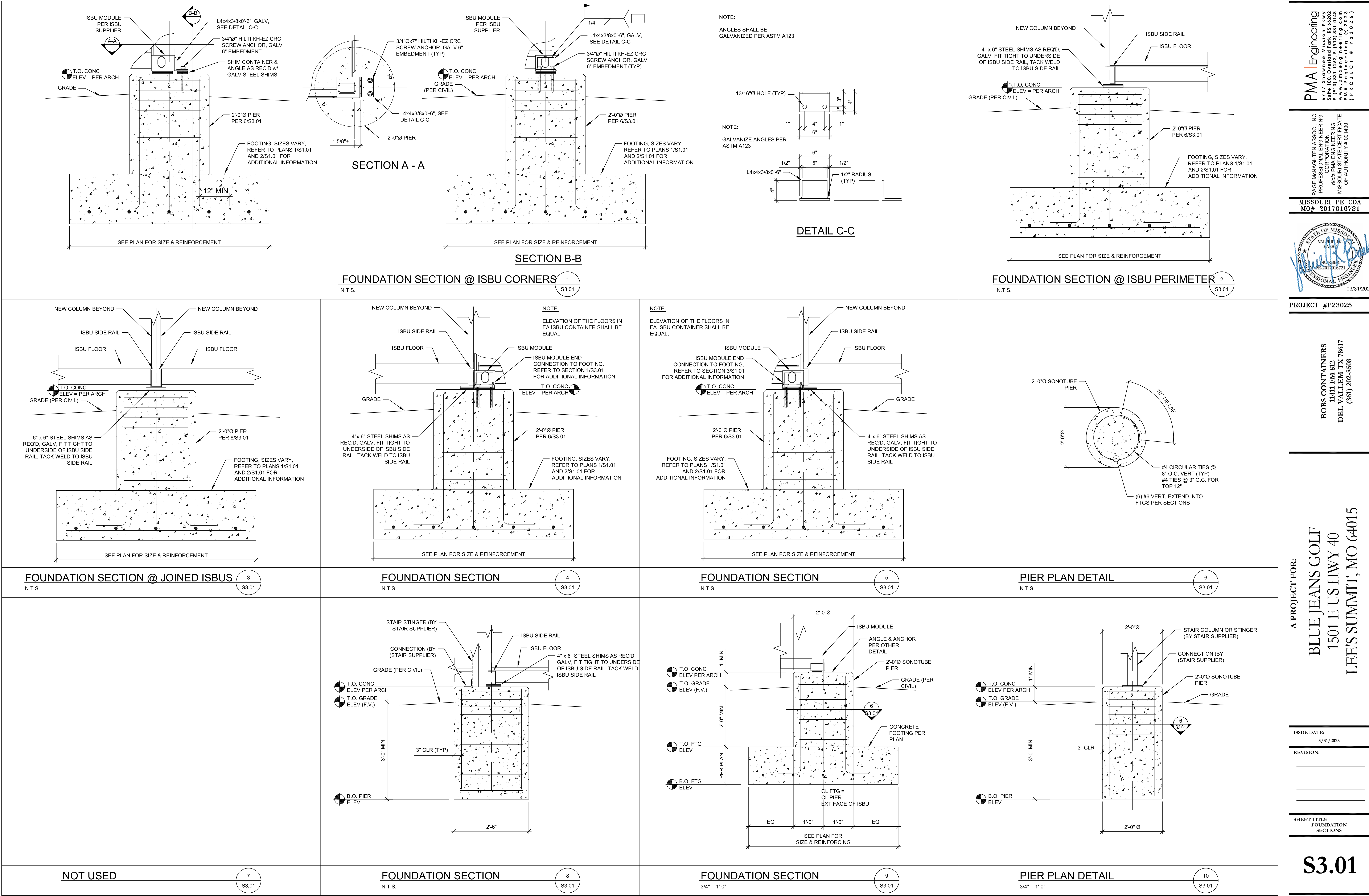
REVISION:

SHEET TITLE

STAIR LAYOUT

S2.09





**PMA Engineering**  
6717 Shawnee Mission Pkwy  
Suite 100 Overland Park, KS 66202  
Tel: 913.241.1111  
www.pmaengineering.com  
(PROJECT # P23025)

PAGE MCKAGHTEN ASSOC. INC.  
PROFESSIONAL ENGINEERING  
d/b/a PMA ENGINEERING  
MISSOURI STATE CERTIFICATE  
OF AUTHORITY # 001400

MISSOURI PE COA  
MO# 2017016721

STATE OF MISSOURI  
VALERIE K. BASH  
NUMBER  
PE-2017016721  
PROFESSIONAL ENGINEER

03/31/2023

PROJECT #P23025

BOBS CONTAINERS  
1141 FM 812  
DEL VALLE, TX 78617  
(361) 202-8508

A PROJECT FOR:  
**BLUE JEANS GOLF**  
1501 E US HWY 40  
LEE'S SUMMIT, MO 64015

ISSUE DATE:  
3/31/2023

REVISION:

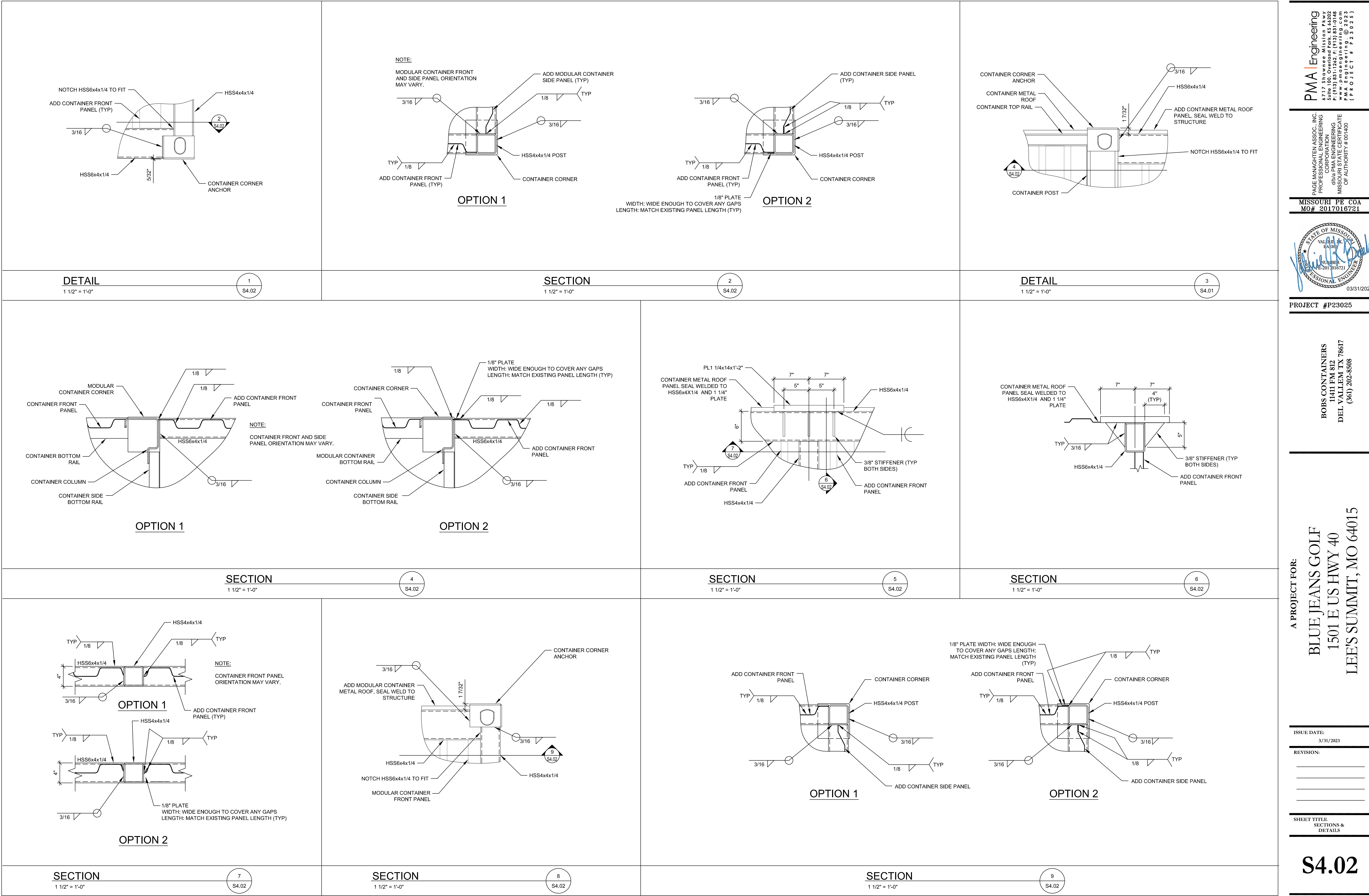
SHEET TITLE  
FOUNDATION  
SECTIONS

**S3.01**









**PMA Engineering**  
6717 Shawnee Mission Pkwy  
Suite 100, Overland Park, KS 66202  
Tel: 913.241.1111  
www.pmaengineering.com  
(PROJECT # P23025)

PAGE McNAGHTEN ASSOC., INC.  
PROFESSIONAL ENGINEERING  
6009 PMA ENGINEERING  
MISSOURI STATE CERTIFICATE  
OF AUTHORITY # 001400

MISSOURI PE COA  
MO# 2017016721

STATE OF MISSOURI  
VALERIE J. KAHN  
NUMBER  
PE-201.2016721  
PROFESSIONAL ENGINEER  
03/31/2023

PROJECT #P23025

BOBS CONTAINERS  
1141 FM 812  
DEL VALLE TX 78617  
(361) 202-8508

A PROJECT FOR:  
**BLUE JEANS GOLF**  
1501 E US HWY 40  
LEE'S SUMMIT, MO 64015

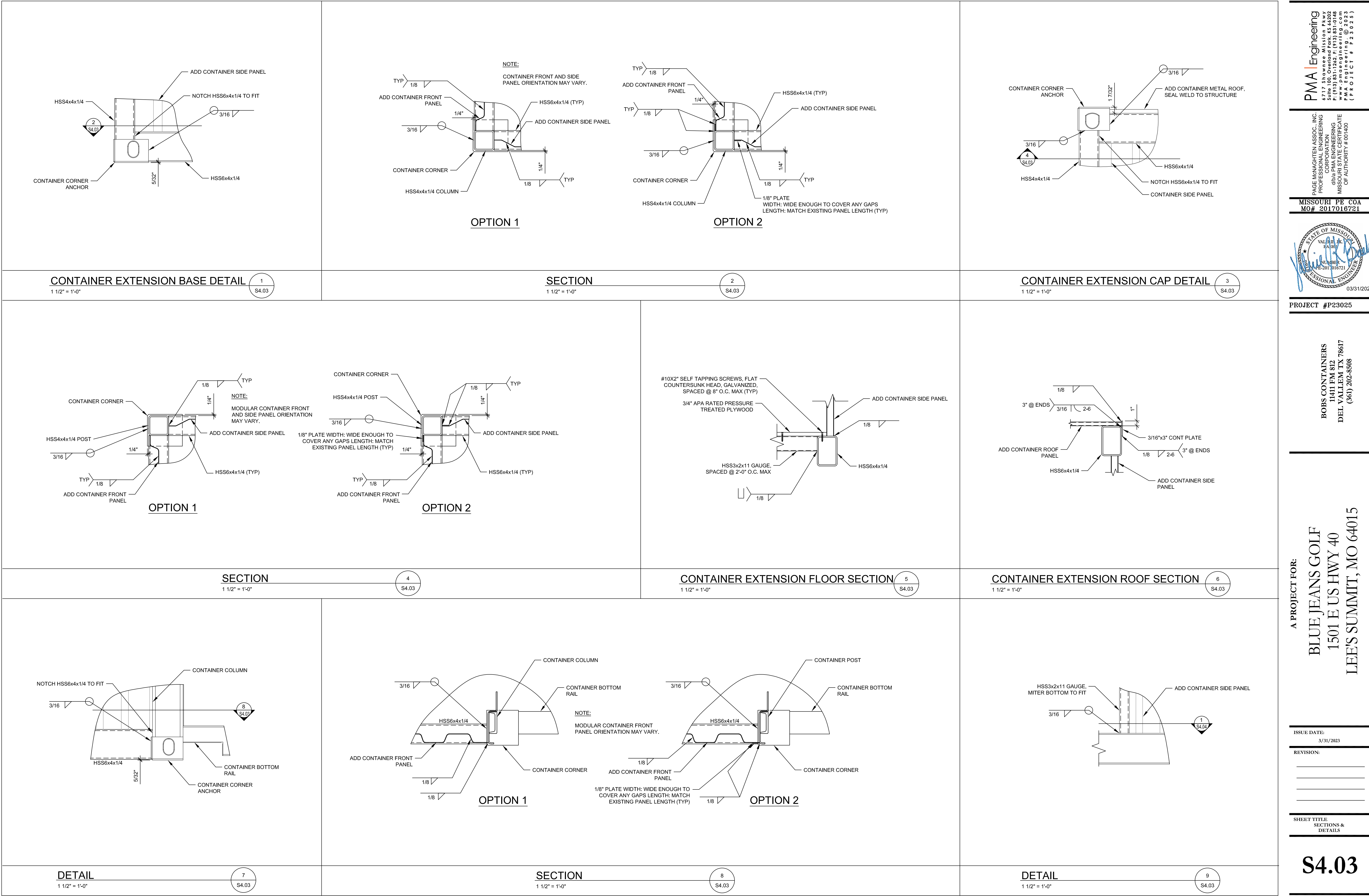
ISSUE DATE:  
3/31/2023

REVISION:

SHEET TITLE  
SECTIONS &  
DETAILS

**S4.02**









## SECTION

$$1\frac{1}{2}'' = 1'-0''$$

1  
S4.04

S4.04

2  
S4.04

S4.04

3  
S4.04

S4.04



## SECTION

$$1\frac{1}{2}'' = 1'-0''$$

4  
S4.04

S4.04

## SECTION

$$1\frac{1}{2}'' = 1'-0''$$

5  
S4.04

(S4.04)


$$3'' = 1'-0''$$
$$3'' = 1'-0''$$
$$3'' = 1'-0''$$

8  
S4.04









1





			<p>NOTE:</p> <p>TEMPORARY BRACES SHALL BE INSTALLED PRIOR TO MOVING ISBU &amp; REMAIN IN PLACE UNTIL UNIT IS IN PLACE WITH ALL PERMANENT CONNECTIONS COMPLETE.</p>
<p><b>COLUMN TOP @ CENTER OF OPENING DETAIL</b></p> <p>3" = 1'-0"</p> <p>1 S4.07</p>	<p><b>SECTION</b></p> <p>3" = 1'-0"</p> <p>2 S4.07</p>	<p><b>DETAIL</b></p> <p>3" = 1'-0"</p> <p>3 S4.07</p>	<p><b>BRACE @ TOP PANEL CORNER DETAIL</b></p> <p>3" = 1'-0"</p> <p>4 S4.07</p>
<p>NOTE:</p> <p>TEMPORARY BRACE NOT SHOWN FOR CLARITY.</p>			<p>NOTE:</p> <p>TEMPORARY BRACES SHALL BE INSTALLED PRIOR TO MOVING ISBU &amp; REMAIN IN PLACE UNTIL UNIT IS IN PLACE WITH ALL PERMANENT CONNECTIONS COMPLETE.</p>
<p><b>SECTION</b></p> <p>3" = 1'-0"</p> <p>5 S4.07</p>	<p><b>SECTION</b></p> <p>3" = 1'-0"</p> <p>6 S4.07</p>	<p><b>DETAIL</b></p> <p>3" = 1'-0"</p> <p>7 S4.07</p>	<p><b>DETAIL</b></p> <p>1 1/2" = 1'-0"</p> <p>8 S4.07</p>
<p><b>DETAIL</b></p> <p>1 1/2" = 1'-0"</p> <p>9 S4.07</p>	<p><b>DETAIL</b></p> <p>3" = 1'-0"</p> <p>10 S4.07</p>	<p><b>SECTION</b></p> <p>1 1/2" = 1'-0"</p> <p>11 S4.07</p>	<p><b>NOT USED</b></p> <p>12 S4.07</p>

**PMA Engineering**  
6717 Shawnee Mission Pkwy  
Suite 100, Overland Park, KS 66202  
Tel: 913.241.8800  
www.pmaengineering.com  
(PROJECT # P23025)

PAGE MCGHAGEN ASSOC. INC.  
PROFESSIONAL ENGINEERING  
d/b/a PMA ENGINEERING  
MISSOURI STATE CERTIFICATE  
OF AUTHORITY # 001400

MISSOURI PE COA  
MO# 2017016721

STATE OF MISSOURI  
VALERIE MC  
NUMBER  
PE-2017016721  
PROFESSIONAL ENGINEER

03/31/2023

PROJECT #P23025

BOBS CONTAINERS  
1141 FM 812  
DEL VALLEY, TX 78617  
(361) 202-8508

A PROJECT FOR:

BLUE JEANS GOLF  
1501 E US HWY 40  
LEE'S SUMMIT, MO 64015

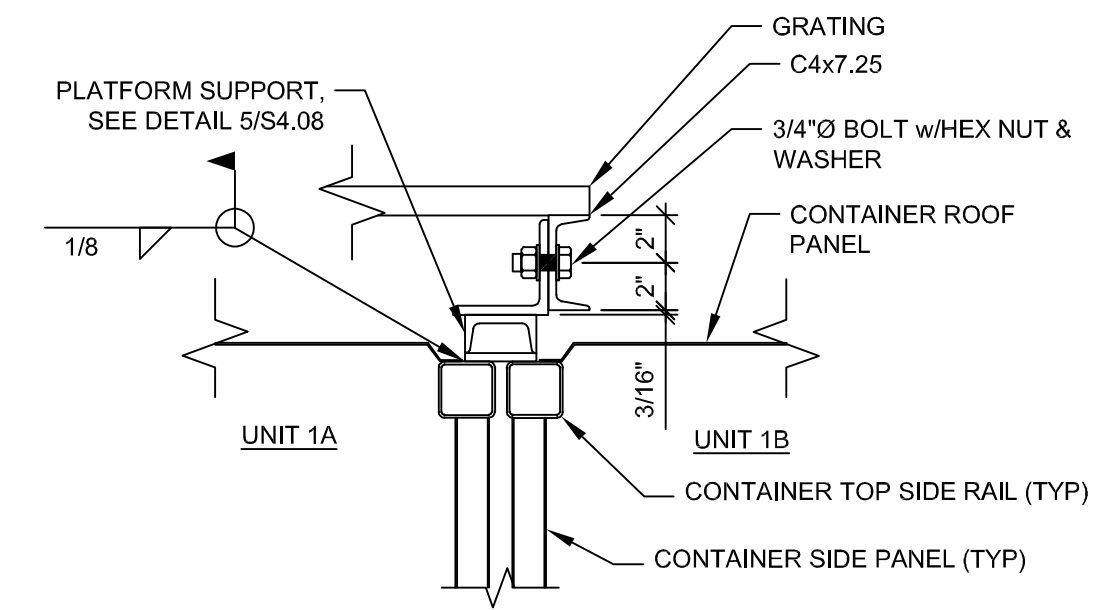
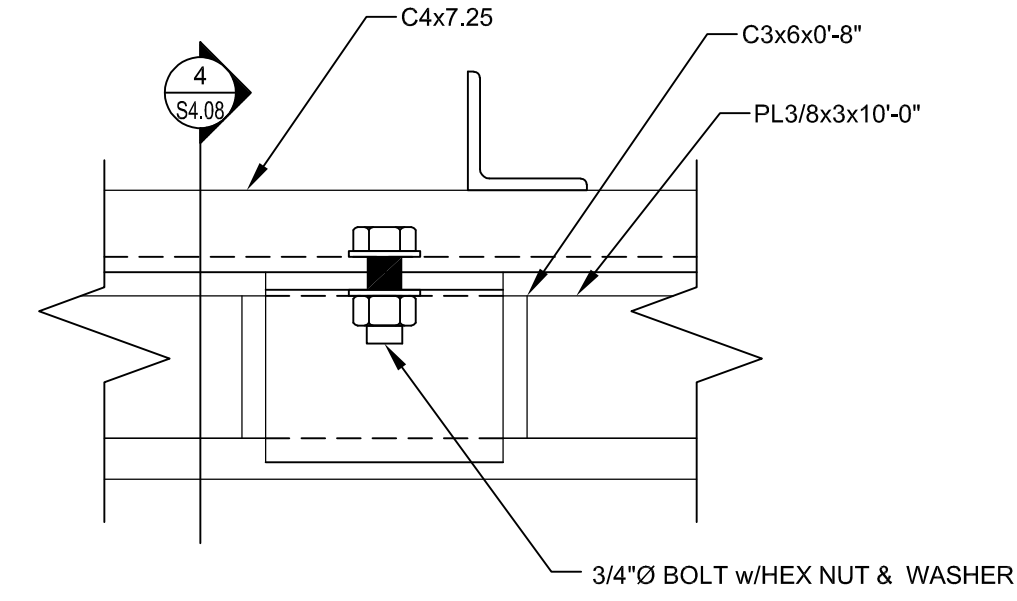
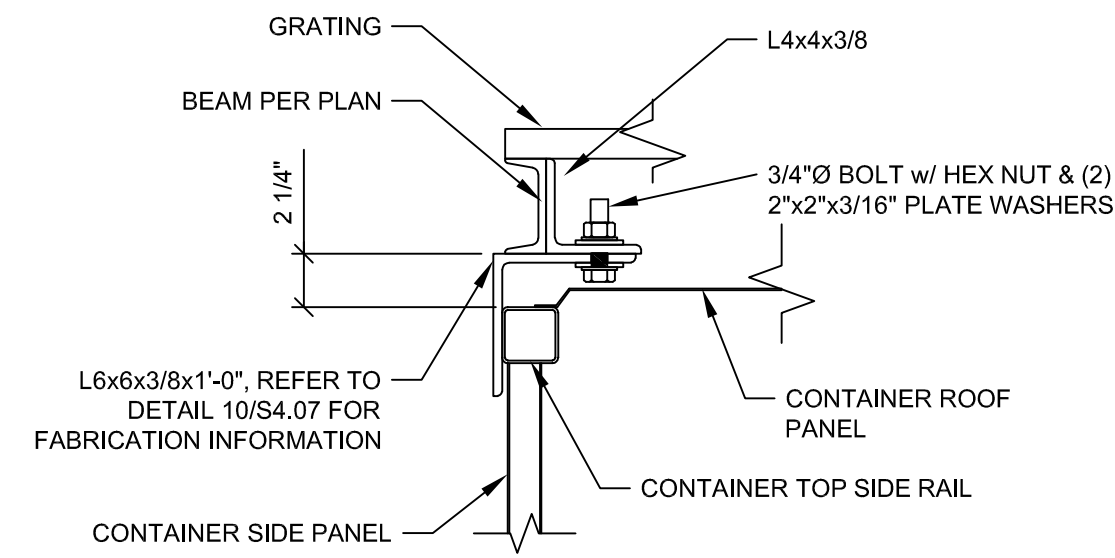
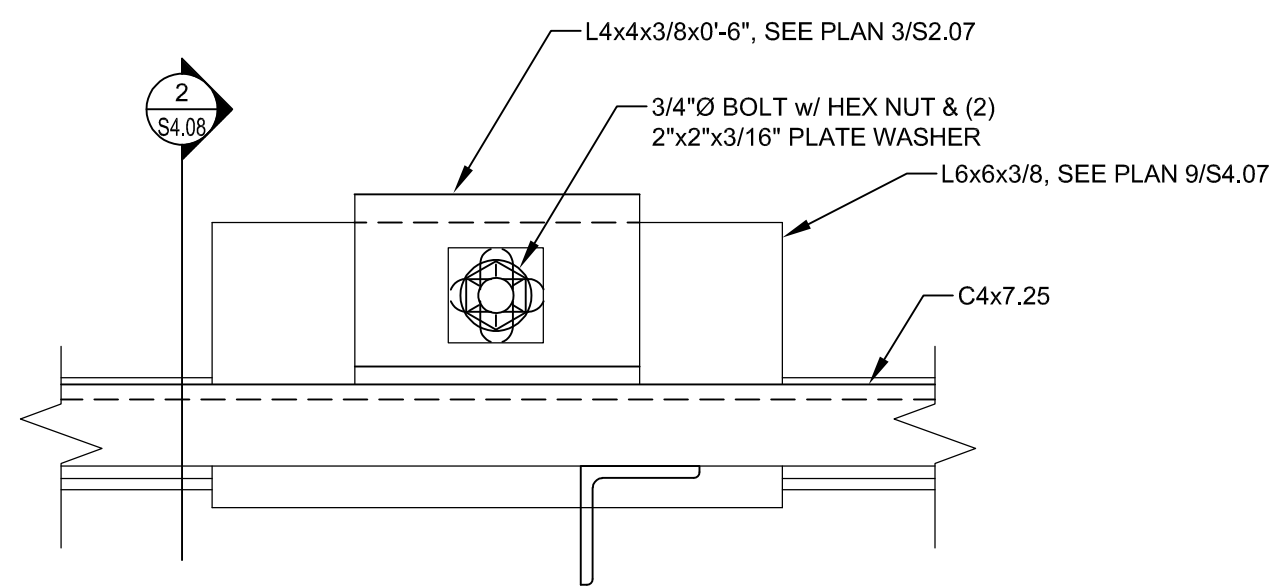
ISSUE DATE:  
3/31/2023

REVISION:

SHEET TITLE  
SECTIONS &  
DETAILS

S4.07





DETAIL  
3" = 1'-0"

1
S4.08

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

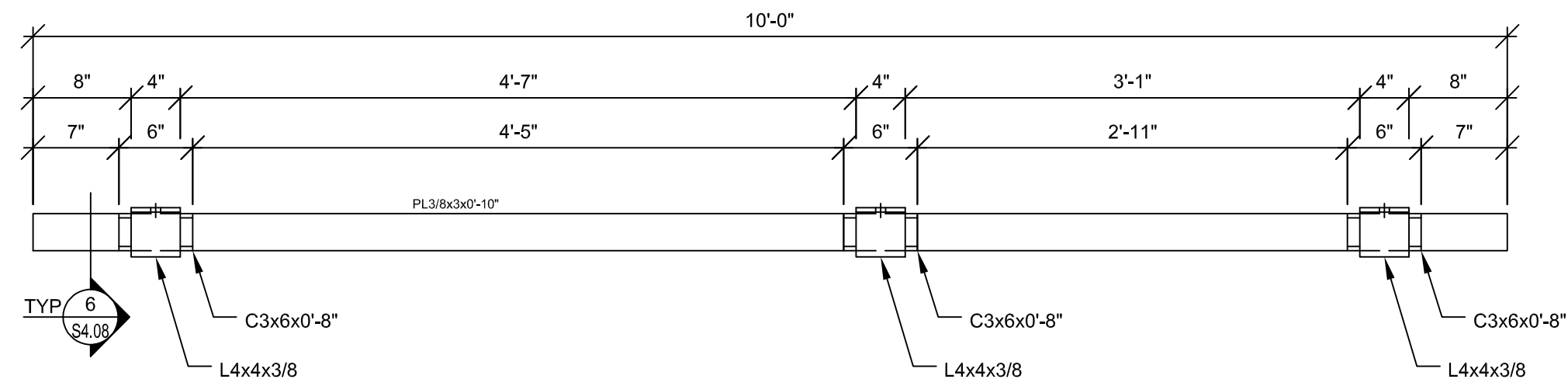
1  
S4.08

DETAIL  
3" = 1'-0"

$$\left( \begin{array}{c} 3 \\ \hline S4.0 \end{array} \right)$$

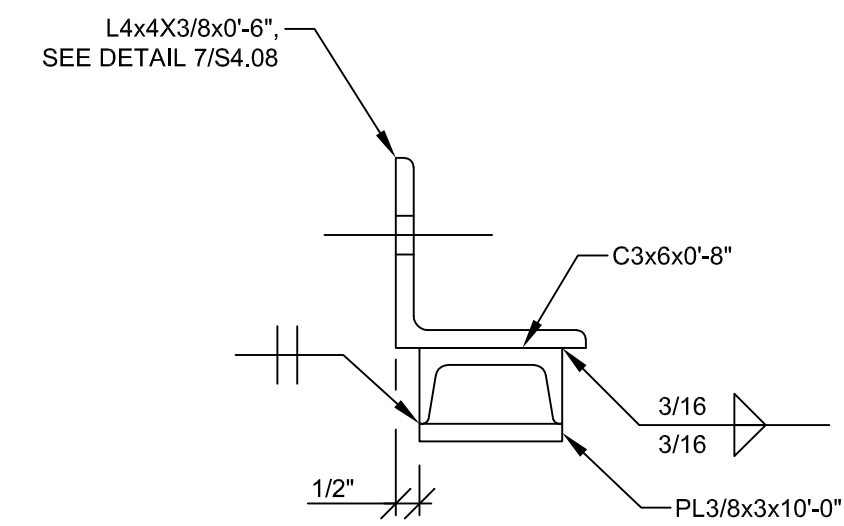
SECTION  
1 1/2" = 1'-0"

4  
S4.08



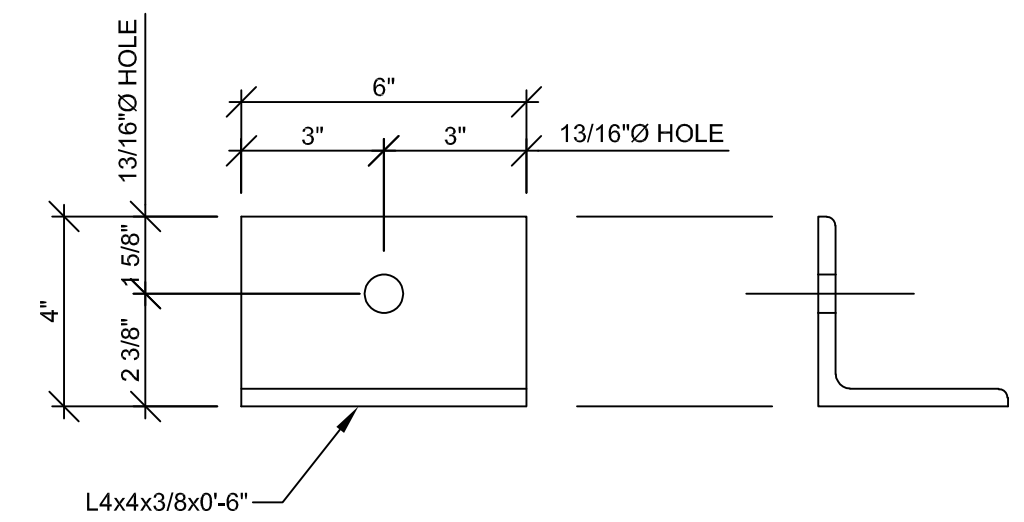
DETAIL  
1" = 1'-0"

5  
\$4.08



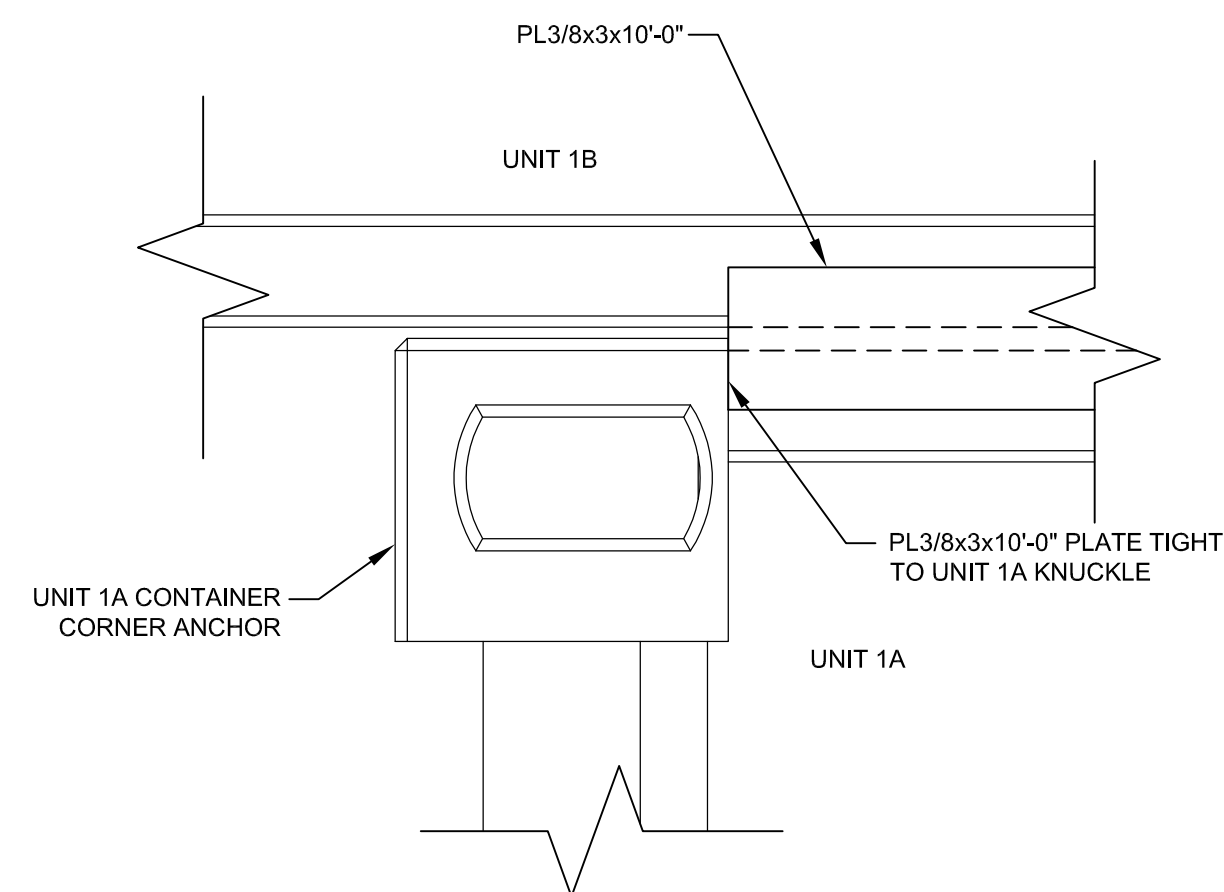
SECTION  
3" = 1'-0"

6  
S4.0



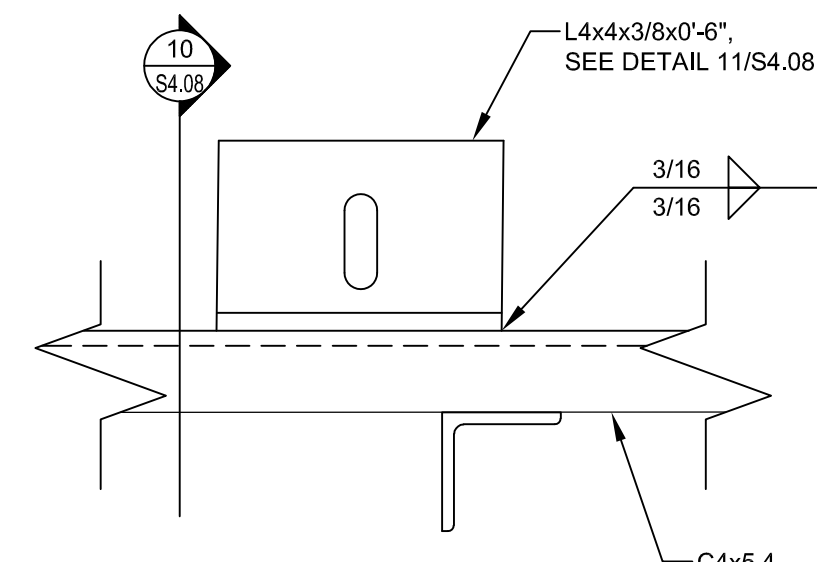
**SECTION**  
3" = 1'-0"

7  
S4.08



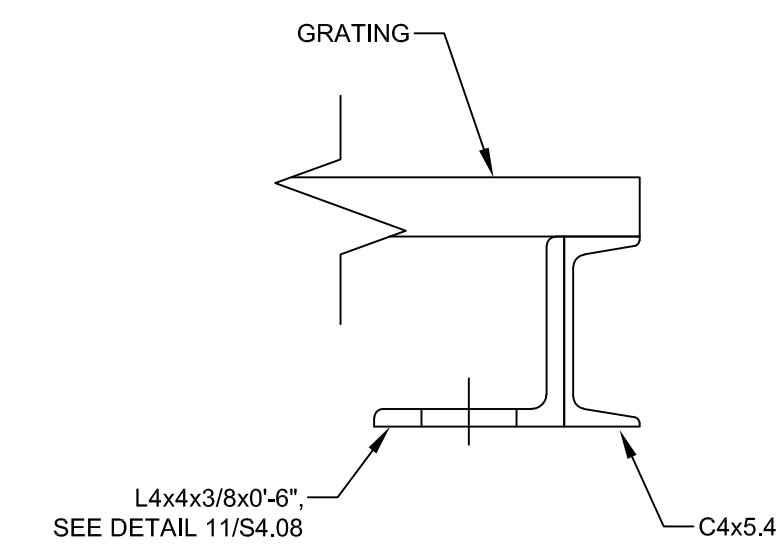
DETAIL  
3" = 1'-0"

8  
S4.



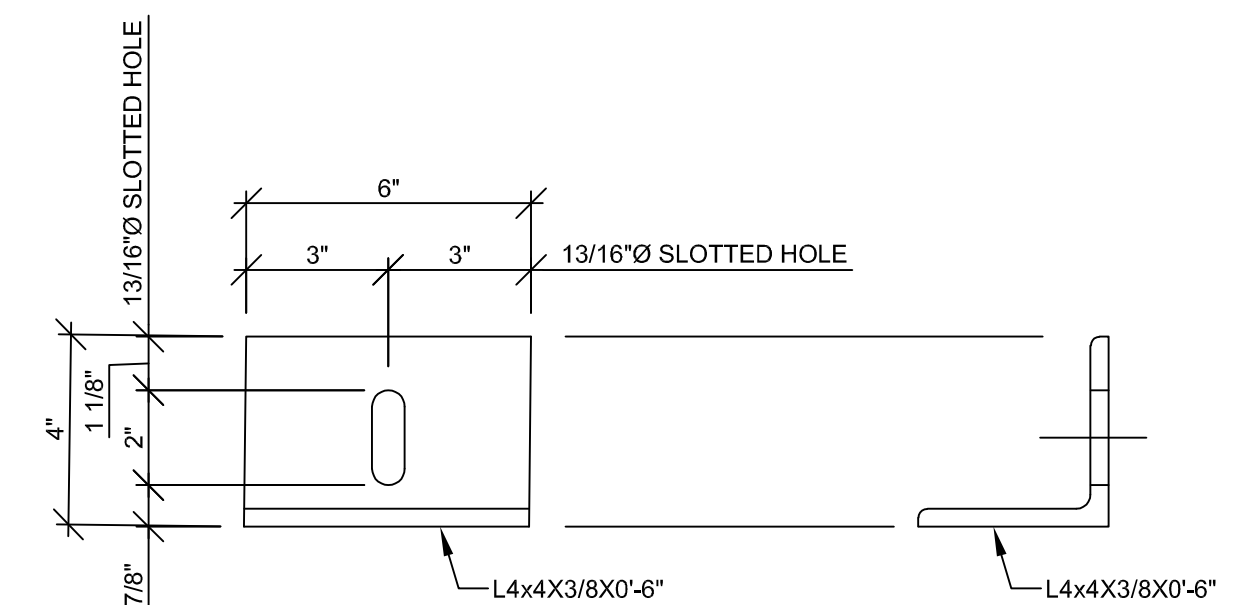
DETAIL  
3" = 1'-0"

9  
S4.0



SECTION  
3" = 1'-0"

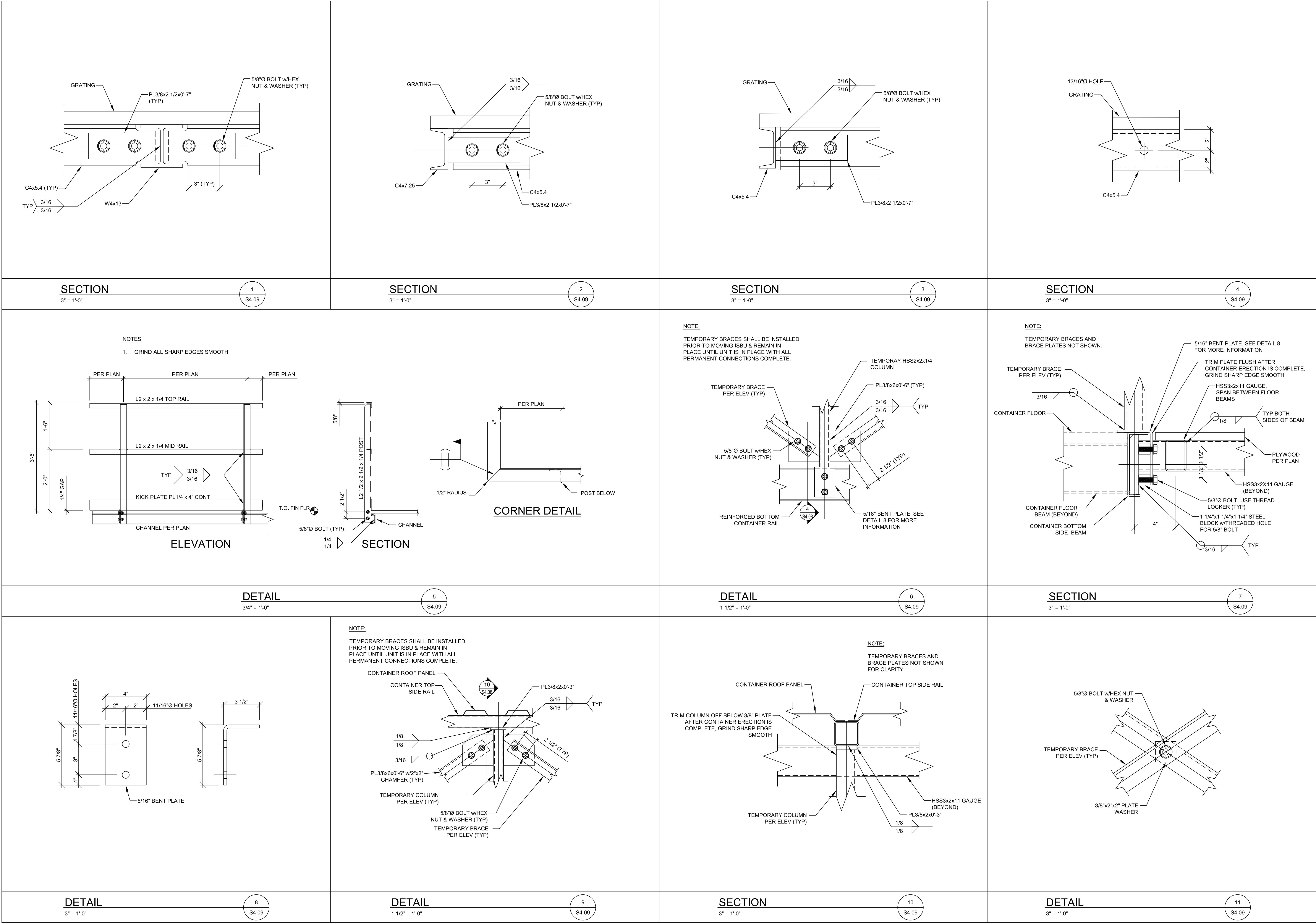
10  
S4.0



DETAIL  
3" = 1'-0"

11  
S4.08





**PMA Engineering**  
6717 Shawnee Mission Pkwy  
Suite 100, Overland Park, KS 66202  
Tel: 913.241.1111  
www.pmaengineering.com  
(PROJECT # P23025)

PAGE McAGHTEN ASSOC. INC.  
PROFESSIONAL ENGINEERING  
d/b/a PMA ENGINEERING  
MISSOURI STATE CERTIFICATE  
OF AUTHORITY # 001400

MISSOURI PE COA  
MO# 2017016721

STATE OF MISSOURI  
VALERIE K. HARRIS  
NUMBER  
PE-2017016721  
PROFESSIONAL ENGINEER  
03/31/2023

PROJECT #P23025

BOBS CONTAINERS  
1141 FM 812  
DEL VALLE TX 78617  
(361) 202-8508

A PROJECT FOR:  
BLUE JEANS GOLF  
1501 E US HWY 40  
LEE'S SUMMIT, MO 64015

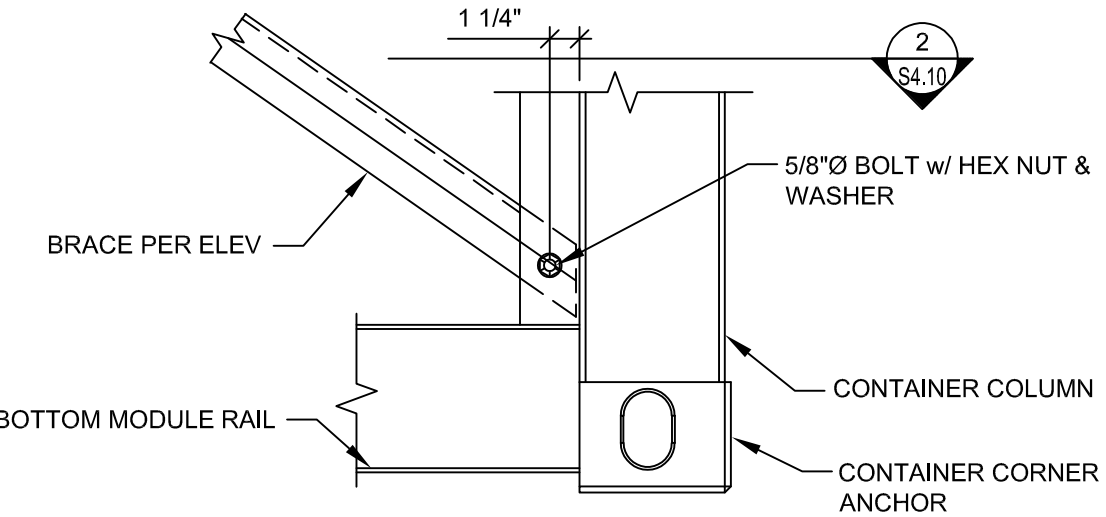
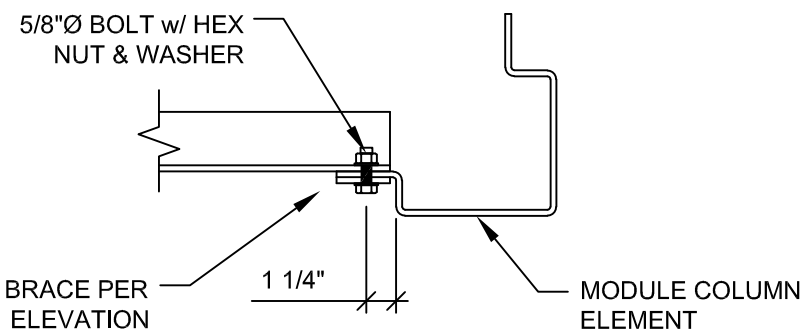
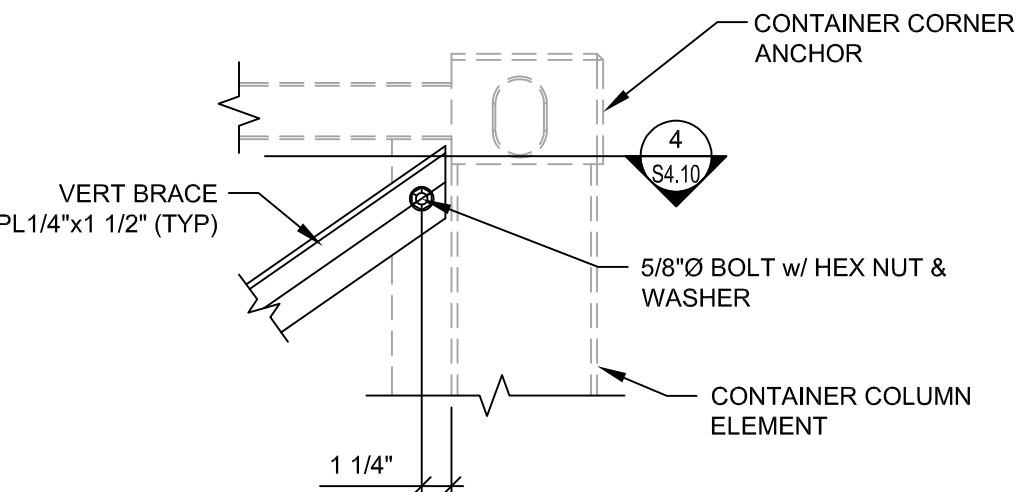
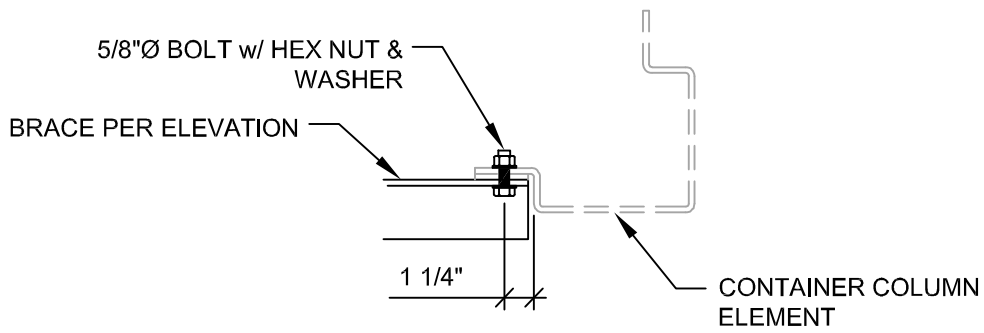
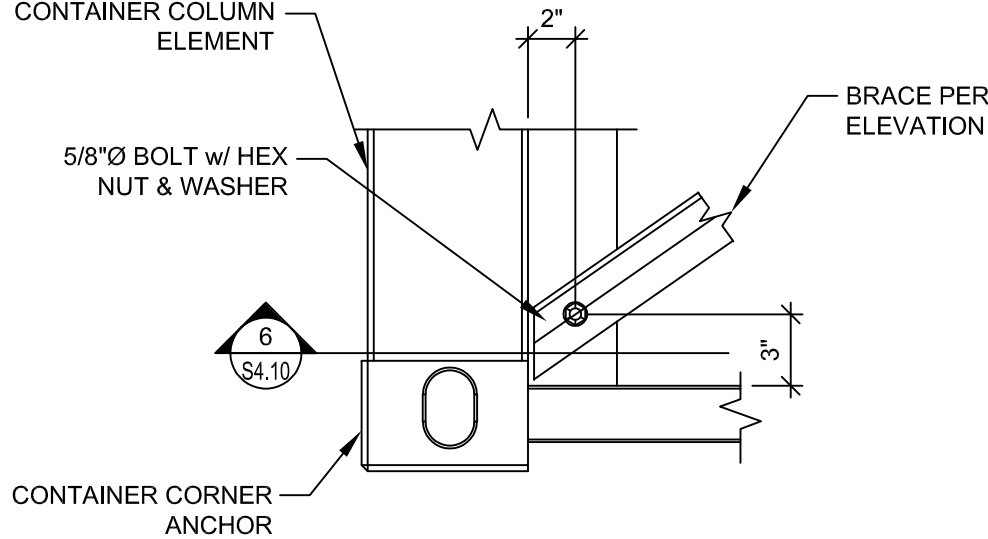
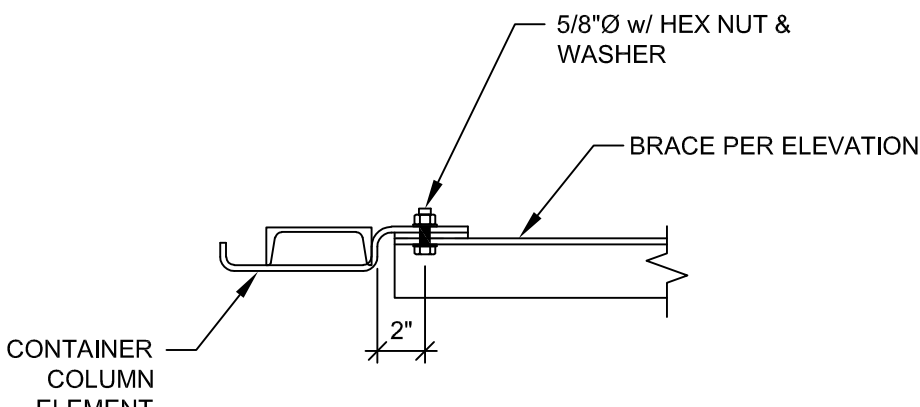
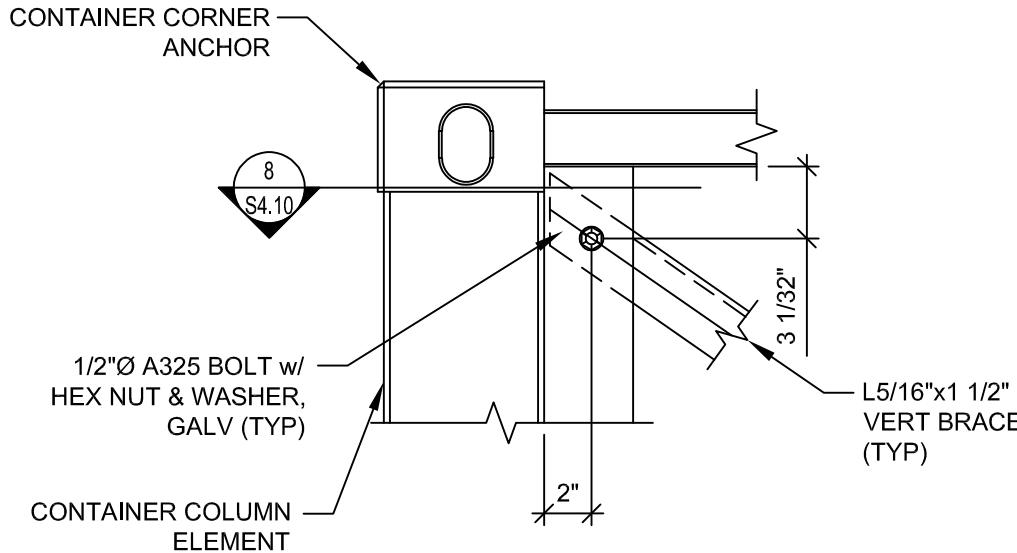
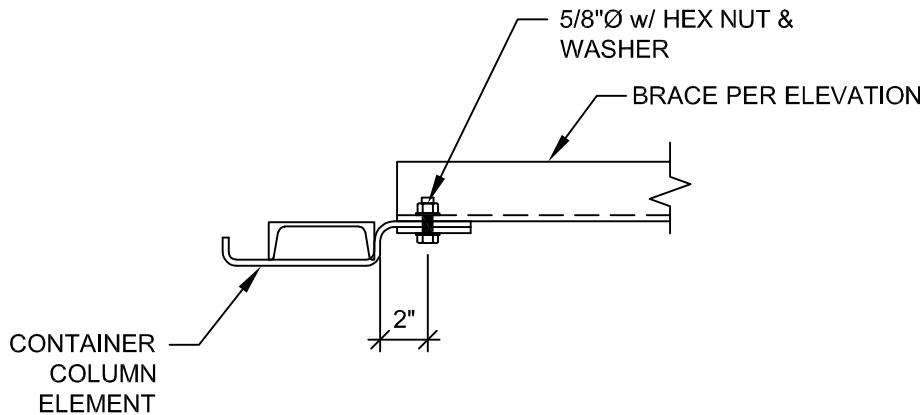
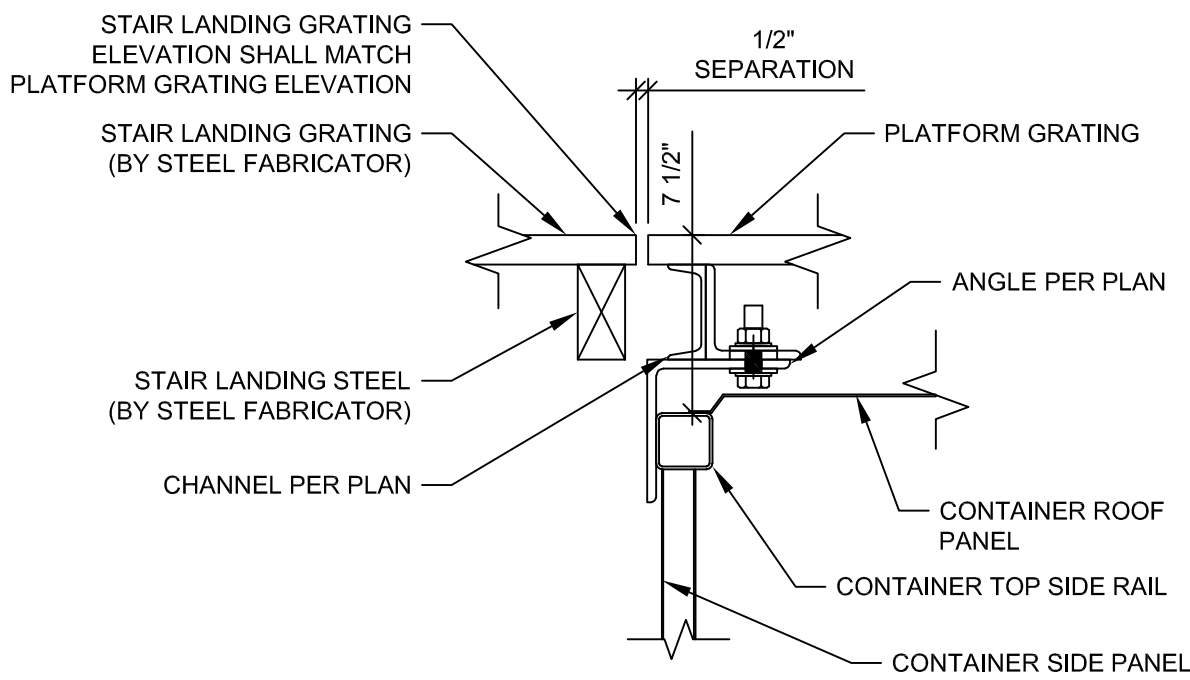
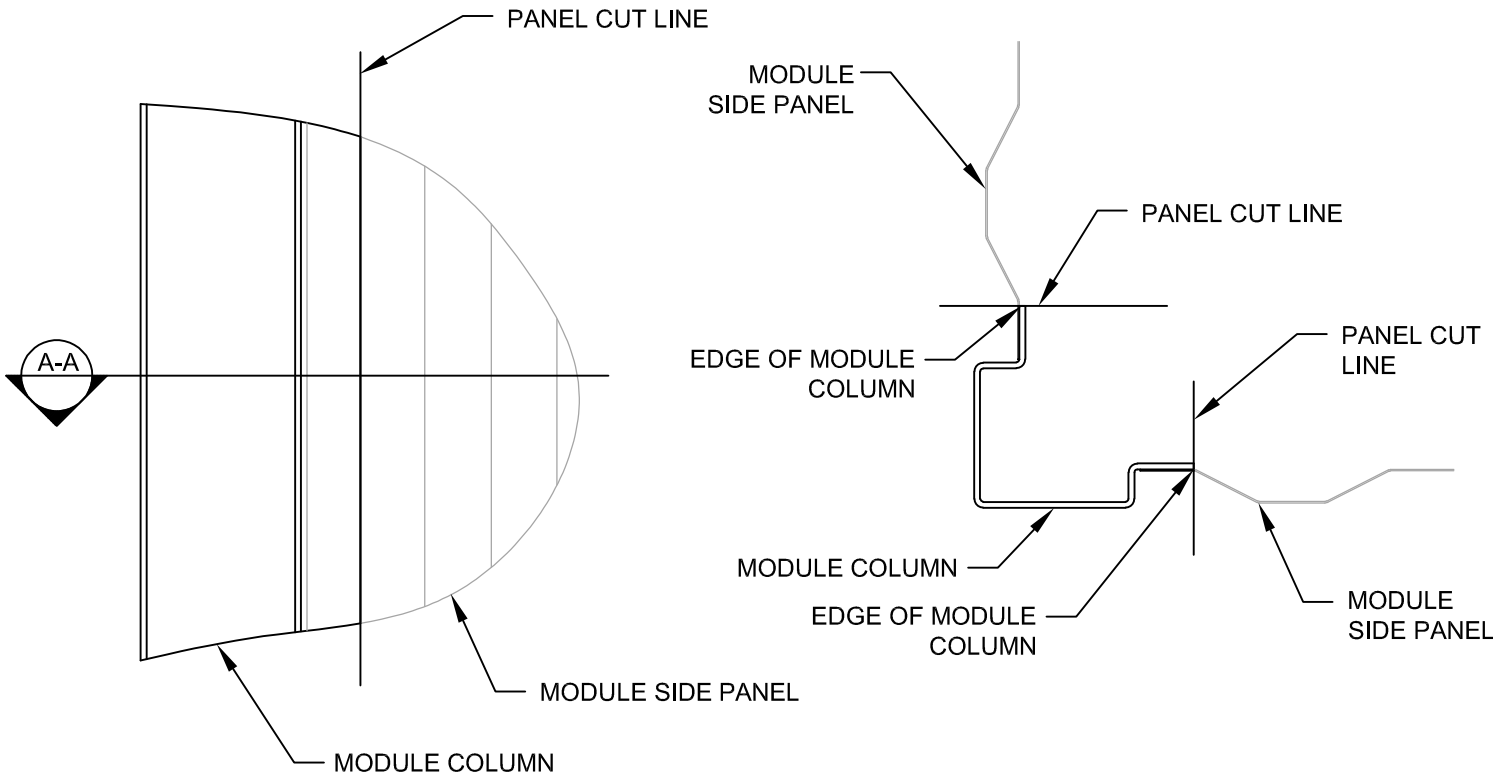
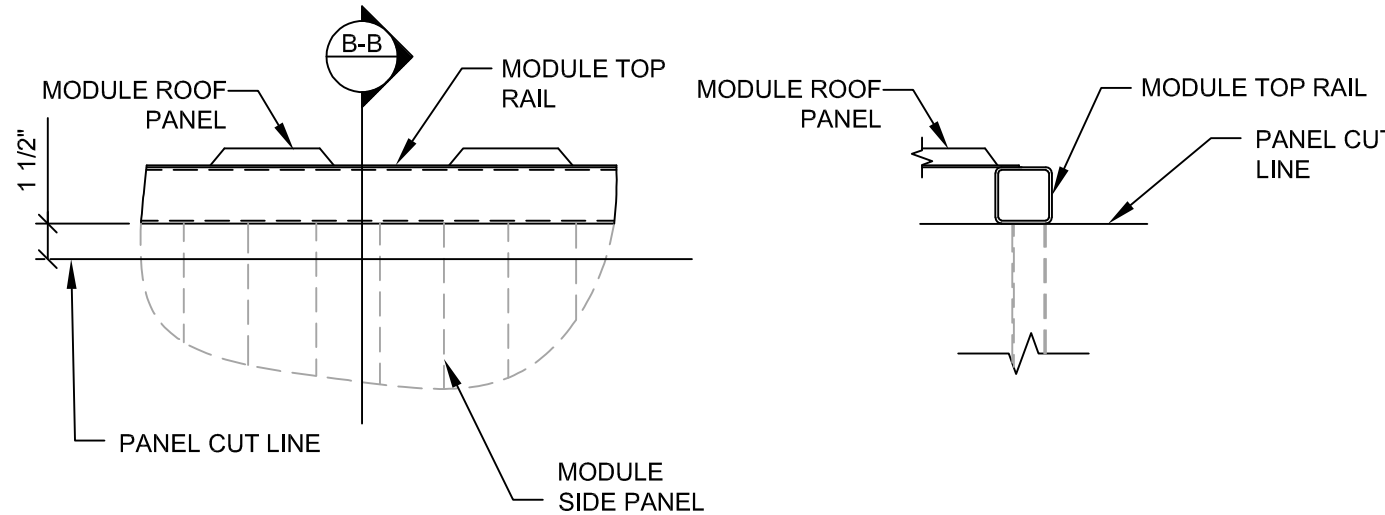
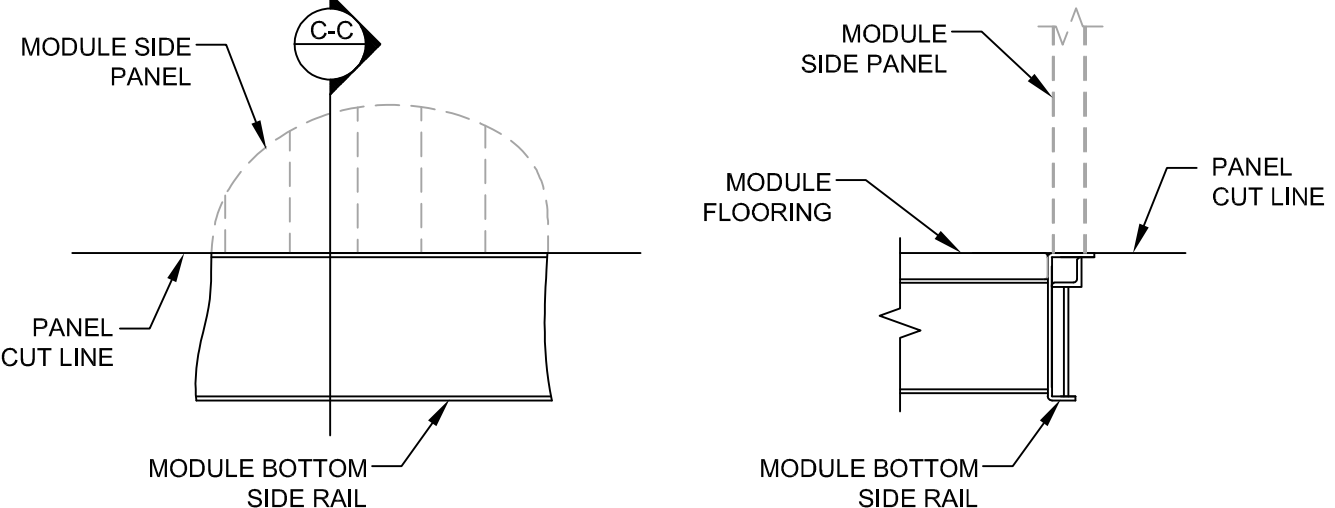
ISSUE DATE:  
3/31/2023

REVISION:

SHEET TITLE  
SECTIONS &  
DETAILS

S4.09




<p>NOTE:</p> <p>TEMPORARY BRACES SHALL BE INSTALLED PRIOR TO MOVING ISBU &amp; REMAIN IN PLACE UNTIL UNIT IS IN PLACE WITH ALL PERMANENT CONNECTIONS COMPLETE.</p> 	<p>NOTE:</p> <p>TEMPORARY BRACES SHALL BE INSTALLED PRIOR TO MOVING ISBU &amp; REMAIN IN PLACE UNTIL UNIT IS IN PLACE WITH ALL PERMANENT CONNECTIONS COMPLETE.</p> 	<p>NOTE:</p> <p>TEMPORARY BRACES SHALL BE INSTALLED PRIOR TO MOVING ISBU &amp; REMAIN IN PLACE UNTIL UNIT IS IN PLACE WITH ALL PERMANENT CONNECTIONS COMPLETE.</p> 	<p>NOTE:</p> <p>TEMPORARY BRACES SHALL BE INSTALLED PRIOR TO MOVING ISBU &amp; REMAIN IN PLACE UNTIL UNIT IS IN PLACE WITH ALL PERMANENT CONNECTIONS COMPLETE.</p> 
<p><b>DETAIL</b></p> <p>1 1/2" = 1'-0"</p> <p>1 S4.10</p>	<p><b>SECTION</b></p> <p>1 1/2" = 1'-0"</p> <p>1 S4.10</p>	<p><b>DETAIL</b></p> <p>1 1/2" = 1'-0"</p> <p>3 S4.10</p>	<p><b>SECTION</b></p> <p>1 1/2" = 1'-0"</p> <p>4 S4.10</p>
<p>NOTE:</p> <p>TEMPORARY BRACES SHALL BE INSTALLED PRIOR TO MOVING ISBU &amp; REMAIN IN PLACE UNTIL UNIT IS IN PLACE WITH ALL PERMANENT CONNECTIONS COMPLETE.</p> 	<p>NOTE:</p> <p>TEMPORARY BRACES SHALL BE INSTALLED PRIOR TO MOVING ISBU &amp; REMAIN IN PLACE UNTIL UNIT IS IN PLACE WITH ALL PERMANENT CONNECTIONS COMPLETE.</p> 	<p>NOTE:</p> <p>TEMPORARY BRACES SHALL BE INSTALLED PRIOR TO MOVING ISBU &amp; REMAIN IN PLACE UNTIL UNIT IS IN PLACE WITH ALL PERMANENT CONNECTIONS COMPLETE.</p> 	<p>NOTE:</p> <p>TEMPORARY BRACES SHALL BE INSTALLED PRIOR TO MOVING ISBU &amp; REMAIN IN PLACE UNTIL UNIT IS IN PLACE WITH ALL PERMANENT CONNECTIONS COMPLETE.</p> 
<p><b>DETAIL</b></p> <p>1 1/2" = 1'-0"</p> <p>5 S4.10</p>	<p><b>SECTION</b></p> <p>1 1/2" = 1'-0"</p> <p>6 S4.10</p>	<p><b>DETAIL</b></p> <p>1 1/2" = 1'-0"</p> <p>7 S4.10</p>	<p><b>SECTION</b></p> <p>1 1/2" = 1'-0"</p> <p>8 S4.10</p>
	<p>NOTES:</p> <ol style="list-style-type: none"><li>DO NOT DAMAGE CONTAINER COLUMN.</li><li>GRIND SHARP EDGES SMOOTH.</li></ol> 	<p>NOTES:</p> <ol style="list-style-type: none"><li>DO NOT DAMAGE CONTAINER TOP RAIL.</li><li>GRIND SHARP EDGES SMOOTH.</li></ol> 	<p>NOTES:</p> <ol style="list-style-type: none"><li>DO NOT DAMAGE CONTAINER BOTTOM RAIL.</li><li>GRIND SHARP EDGES SMOOTH.</li></ol> 
<p><b>SECTION</b></p> <p>1 1/2" = 1'-0"</p> <p>9 S4.10</p>	<p><b>DETAIL - SIDE PANEL CUT @ FRONT COLUMN</b></p> <p>1 1/2" = 1'-0"</p> <p>10 S4.10</p>	<p><b>DETAIL - SIDE PANEL CUT @ TOP RAIL</b></p> <p>1 1/2" = 1'-0"</p> <p>11 S4.10</p>	<p><b>DETAIL - SIDE PANEL CUT @ BOTTOM RAIL</b></p> <p>1 1/2" = 1'-0"</p> <p>12 S4.10</p>

**PMA Engineering**

6717 Shawnee Mission Pkwy  
Suite 100, Overland Park, KS 66202  
Tel: (913) 241-1111  
www.pmaengineering.com  
(PROJECT # P23025)

PAGE McNAGHTEN ASSOC., INC.  
PROFESSIONAL ENGINEERING  
6009 PMA ENGINEERING  
MISSOURI STATE CERTIFICATE  
OF AUTHORITY # 001400

MISSOURI PE COA  
MO# 2017016721



03/31/2023

PROJECT #P23025

BOBS CONTAINERS  
1141 FM 812  
DEL VALLE, TX 78617  
(361) 202-8508

A PROJECT FOR:

BLUE JEANS GOLF  
1501 E US HWY 40  
LEE'S SUMMIT, MO 64015

ISSUE DATE:  
3/31/2023

REVISION:

\_\_\_\_\_

\_\_\_\_\_

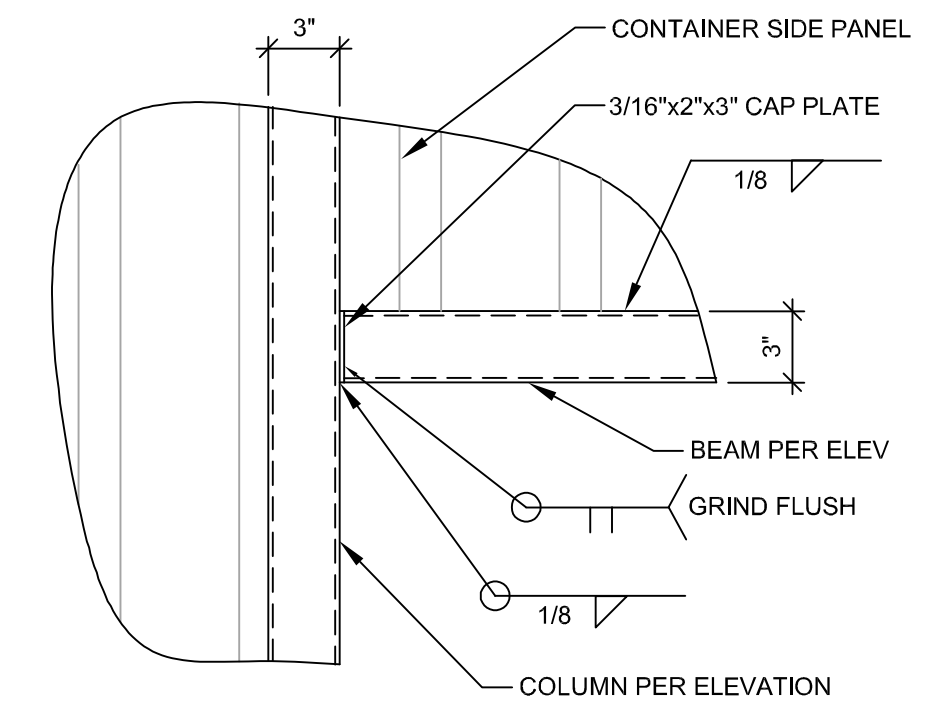
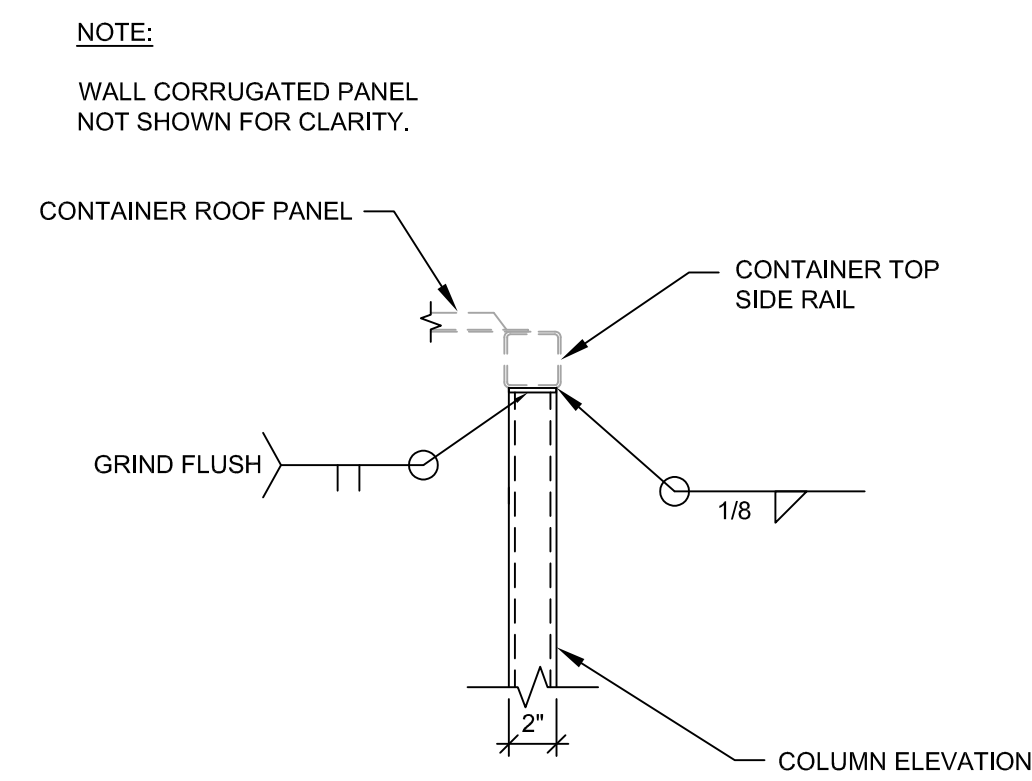
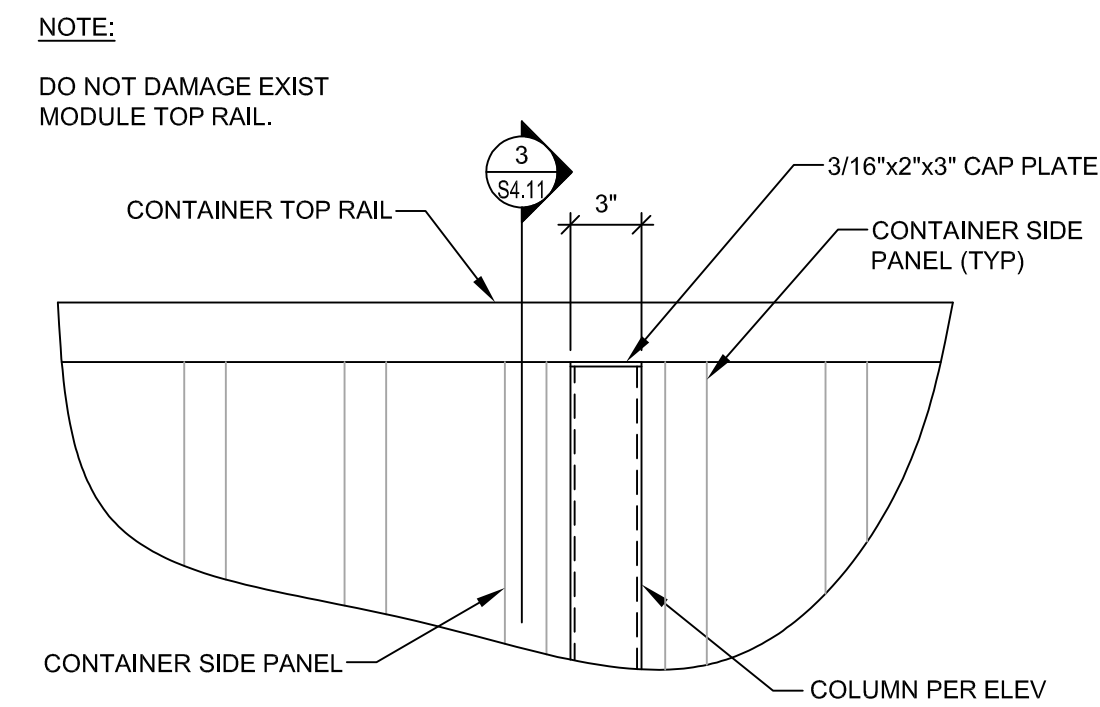
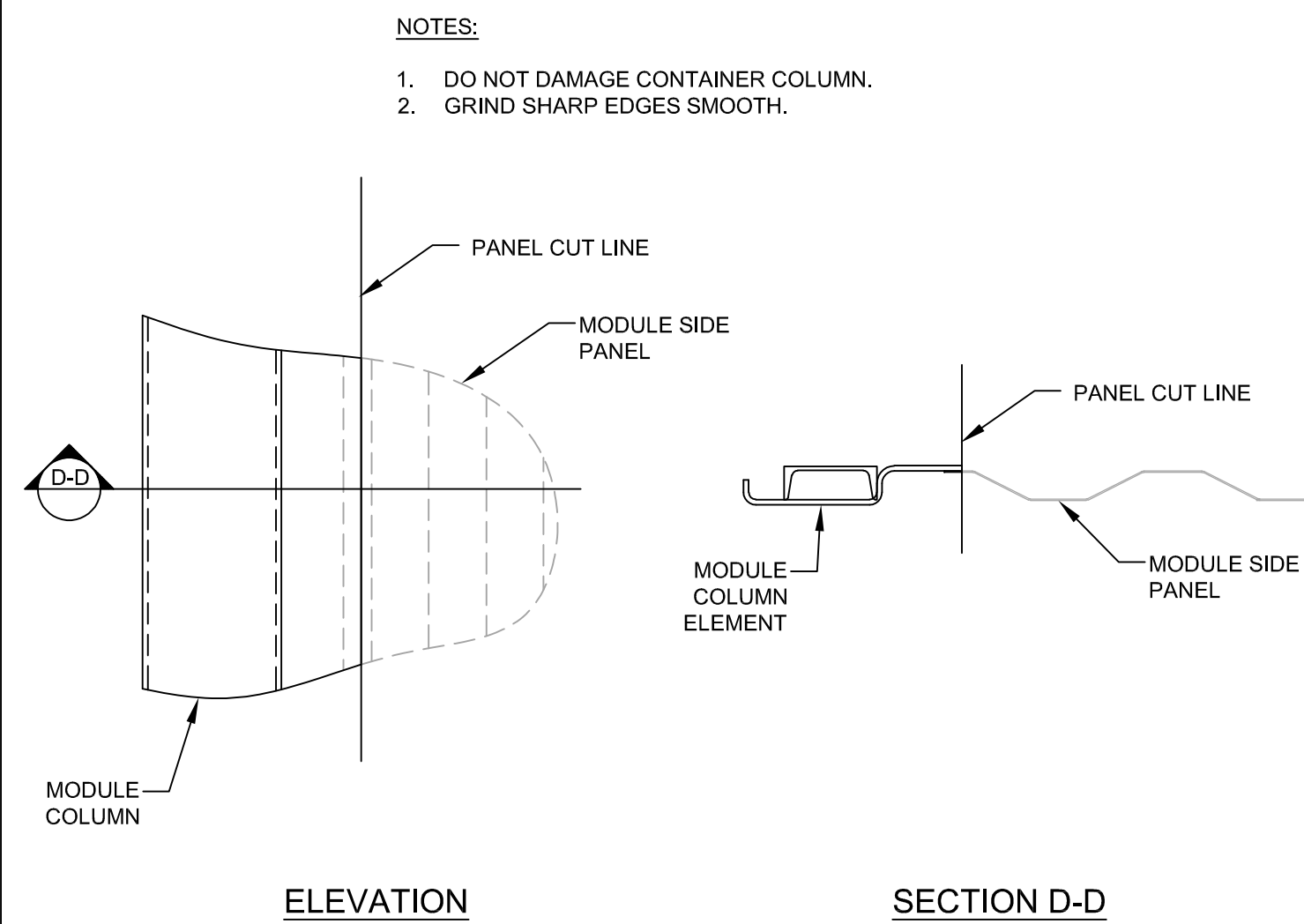
\_\_\_\_\_

\_\_\_\_\_

SHEET TITLE  
SECTIONS &  
DETAILS

**S4.10**





DETAIL - SIDE PANEL CUT @ FRONT COLUMN

1 1/2" = 1'-0"

1  
S4.11

**DETAIL**

1 1/2" = 1'-0"

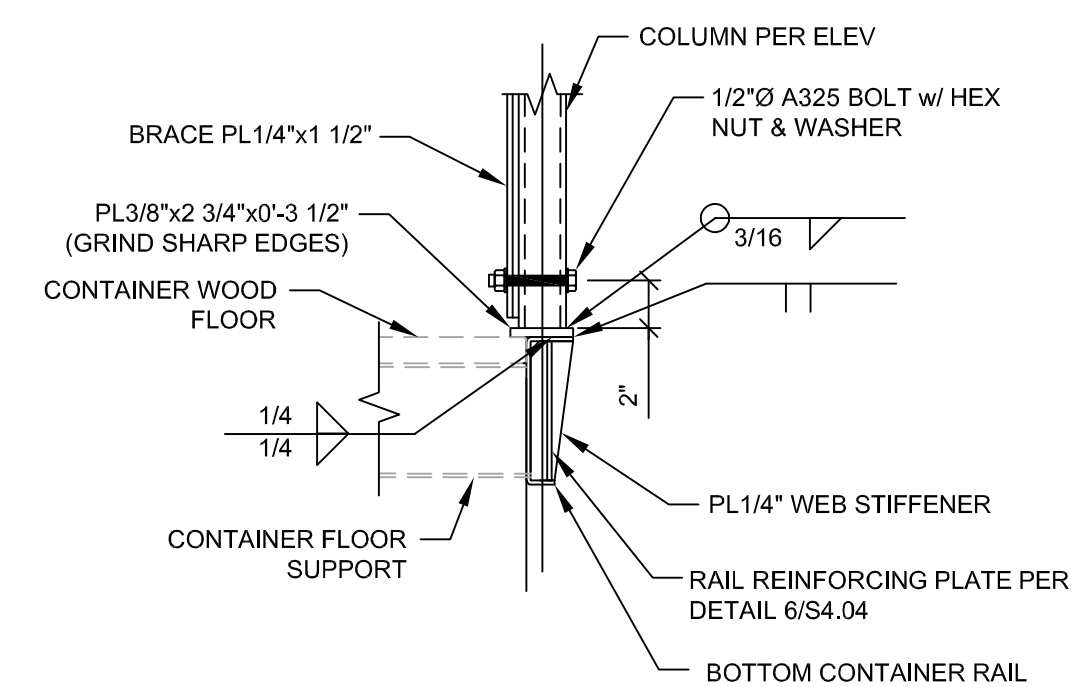
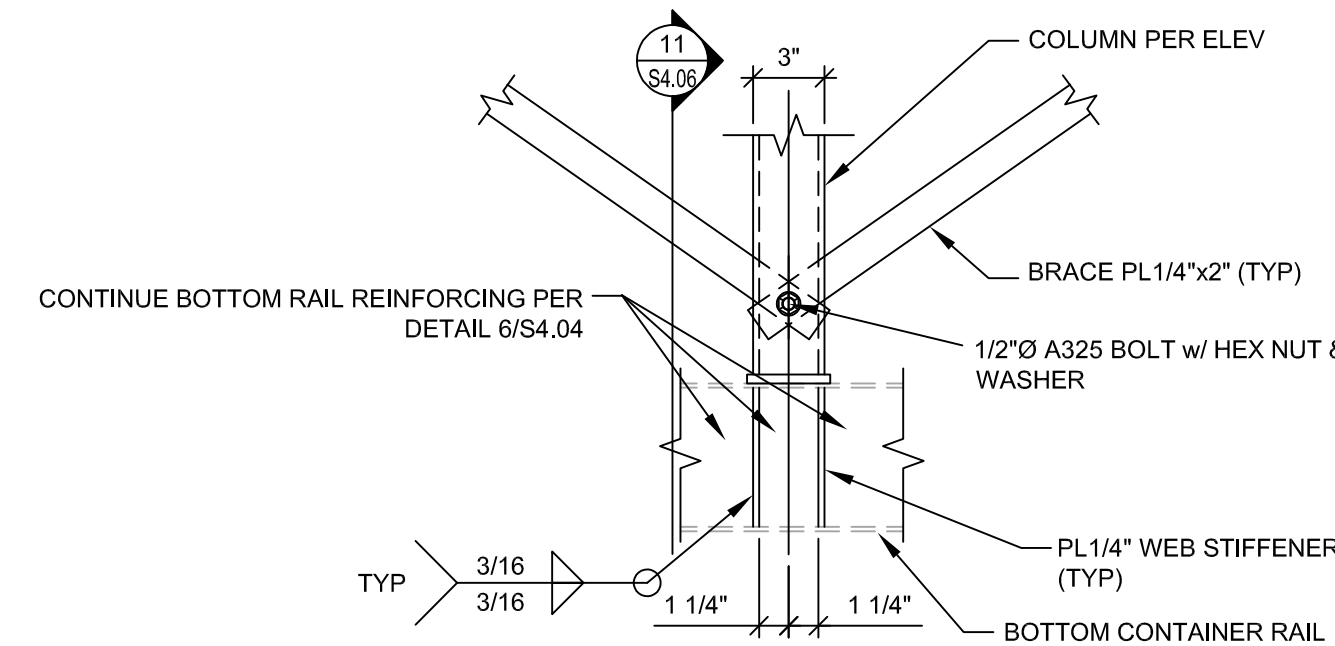
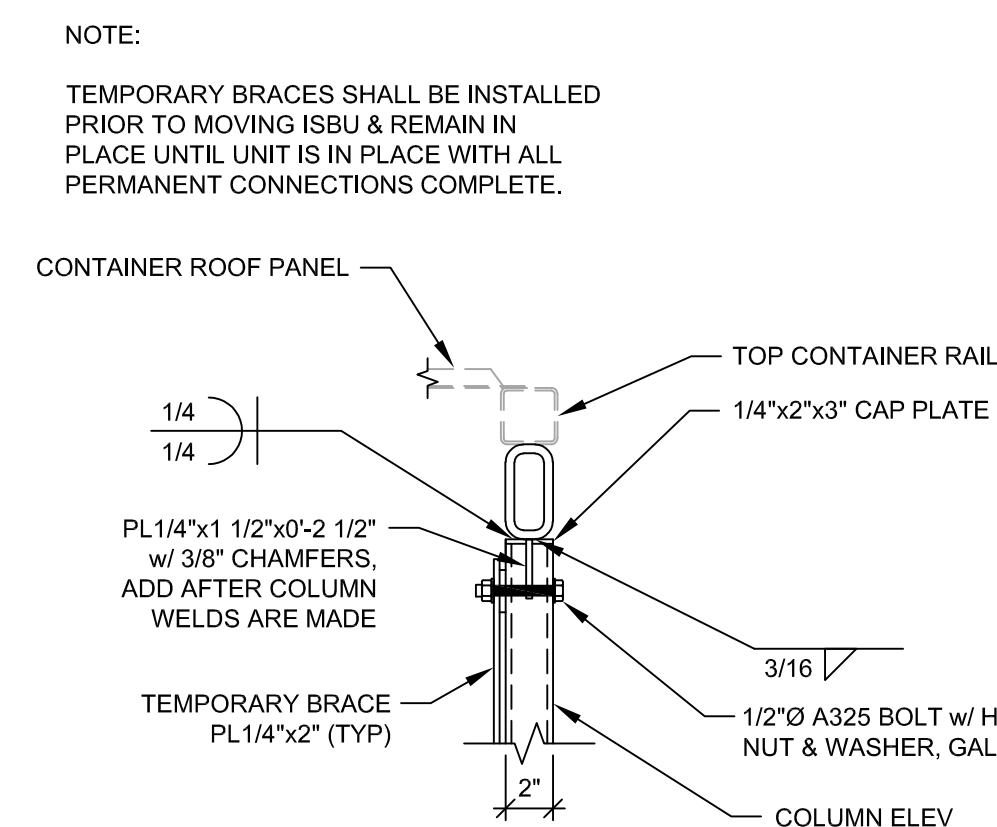
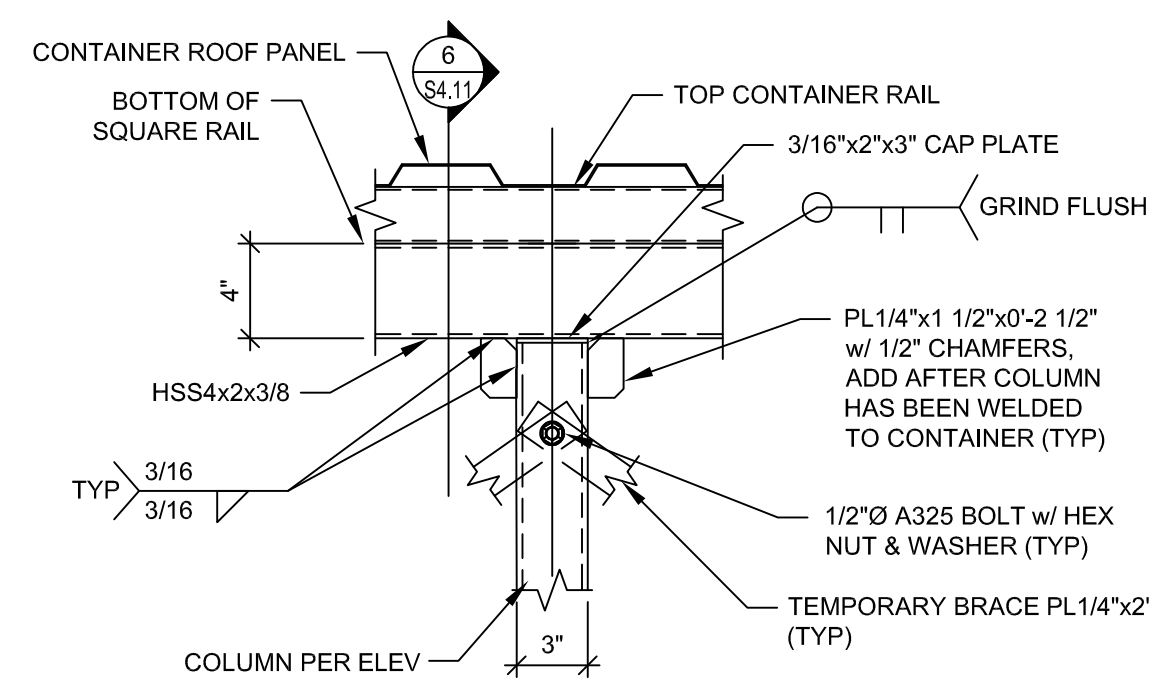
2  
S4.11

SECTION 3  
 1 1/2" = 1'-0" S4.11

**DETAIL**

1 1/2" = 1'-0"

4  
S4.11



**COLUMN CAP @ CENTER OF OPENING DETAIL**

1 1/2" = 1'-0"

5  
\$4.11

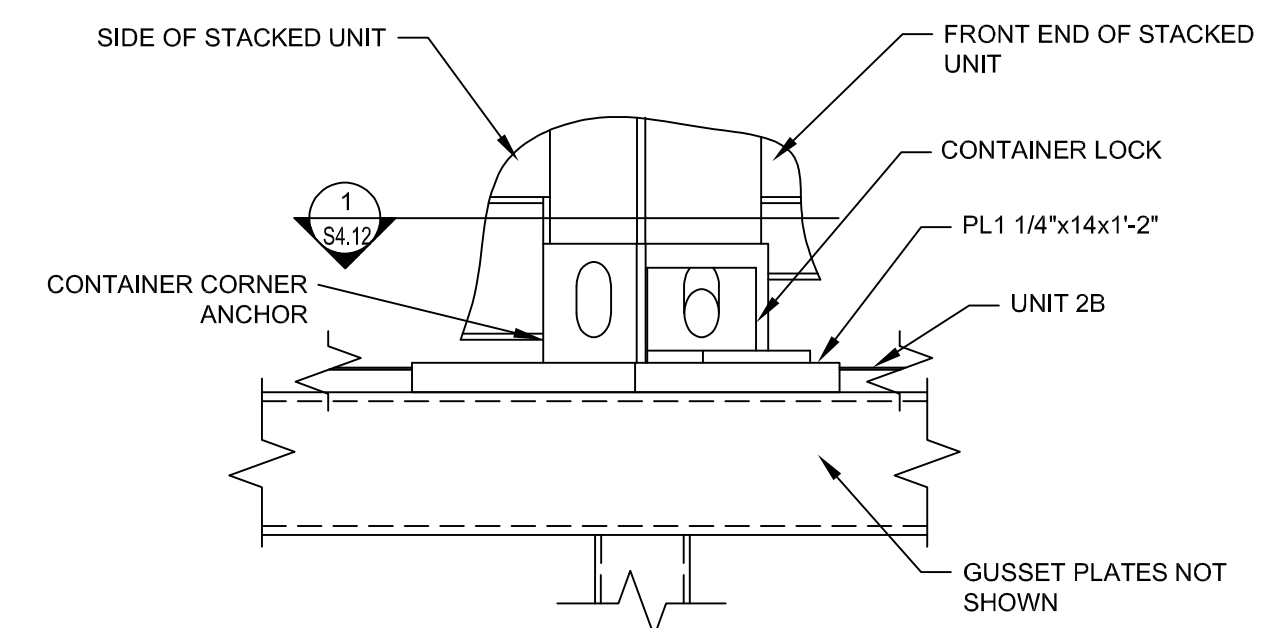
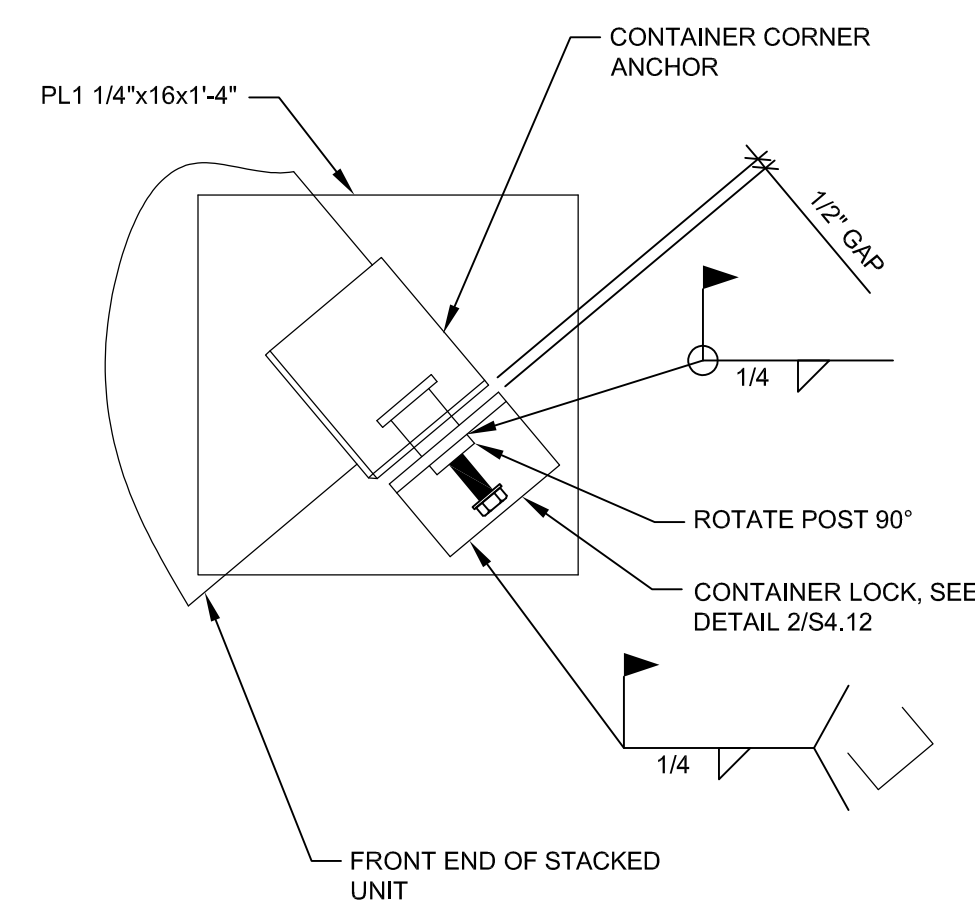
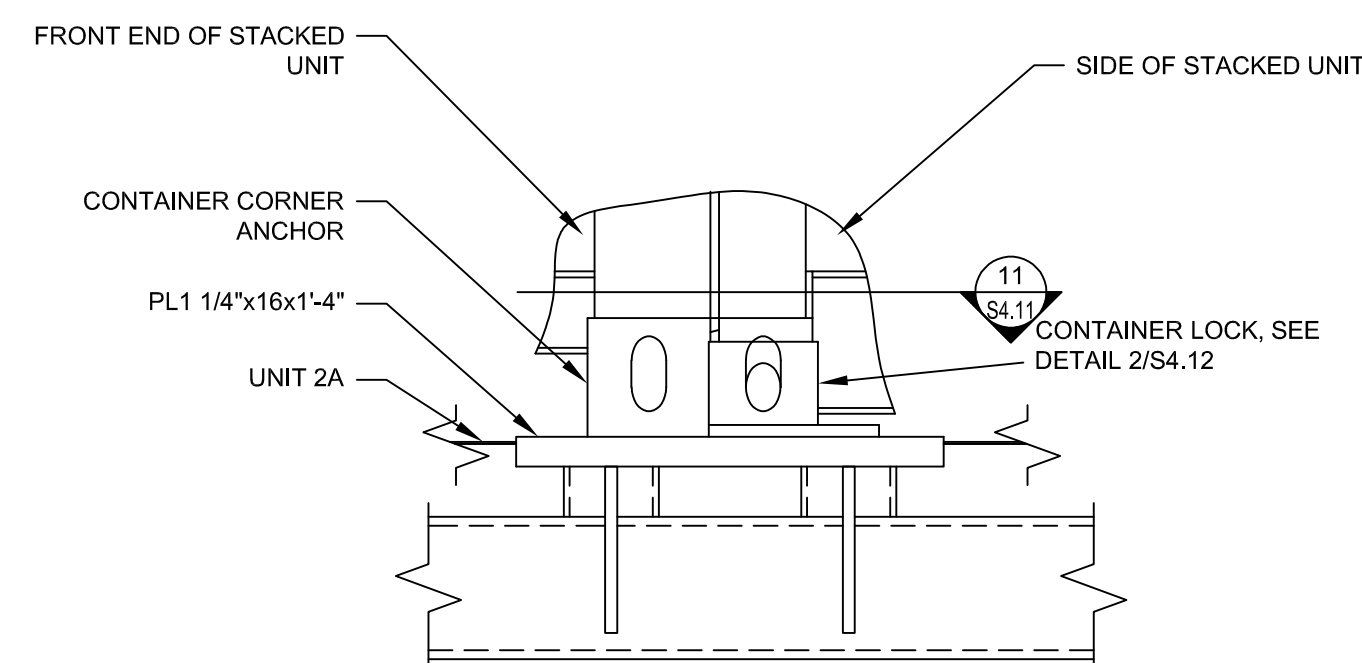
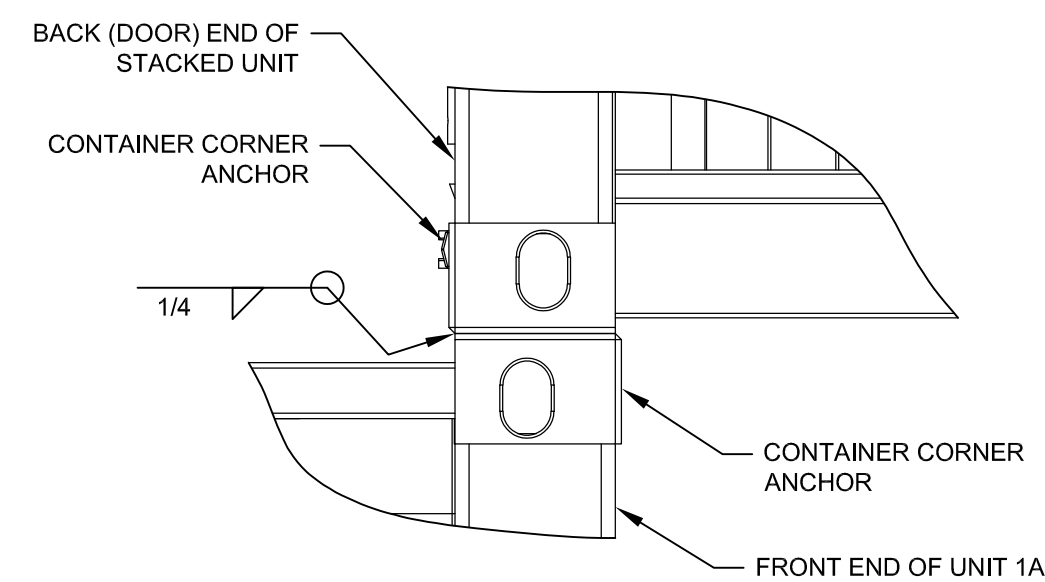
<b>SECTION</b>	6	S4.11
1 1/2" = 1'-0"		

**DETAIL**

1 1/2" = 1'-0"

7  
S4.11

**SECTION** 8  
 1 1/2" = 1'-0" S4.11  
 BOTTOM CONTAINER RAIL



**DETAIL**

1 1/2" = 1'-0"

9

S4.11

**DETAIL**

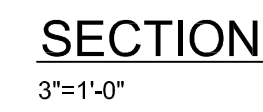
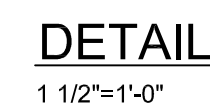
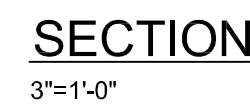
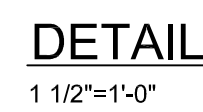
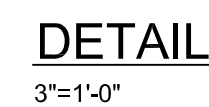
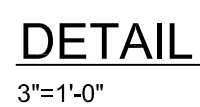
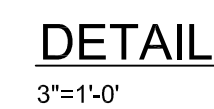
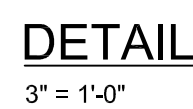
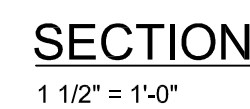
1 1/2" = 1'-0"

10  
S4.11

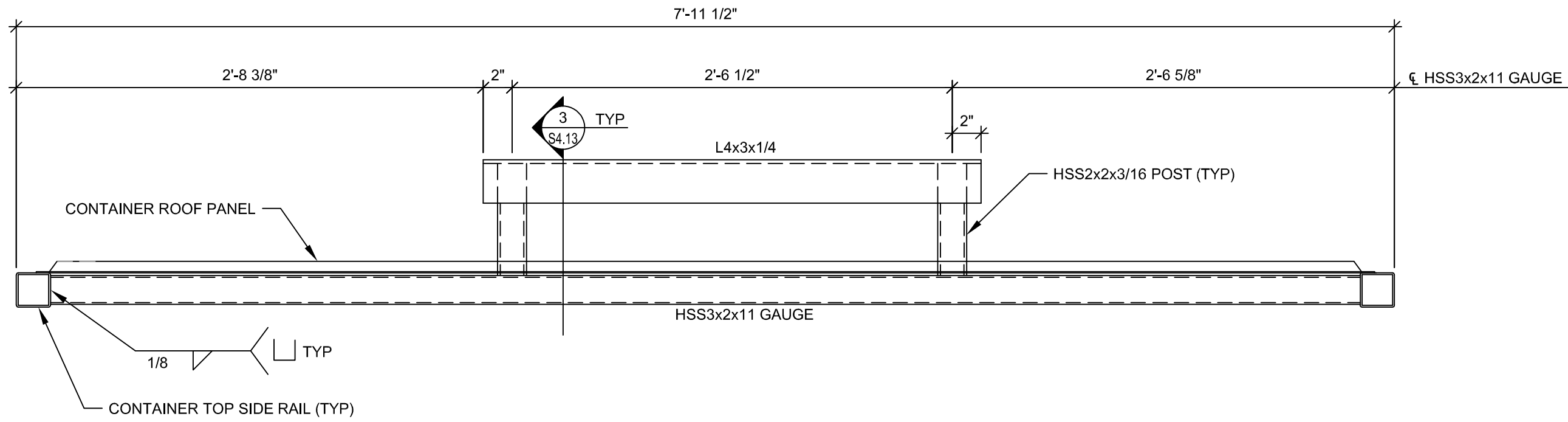
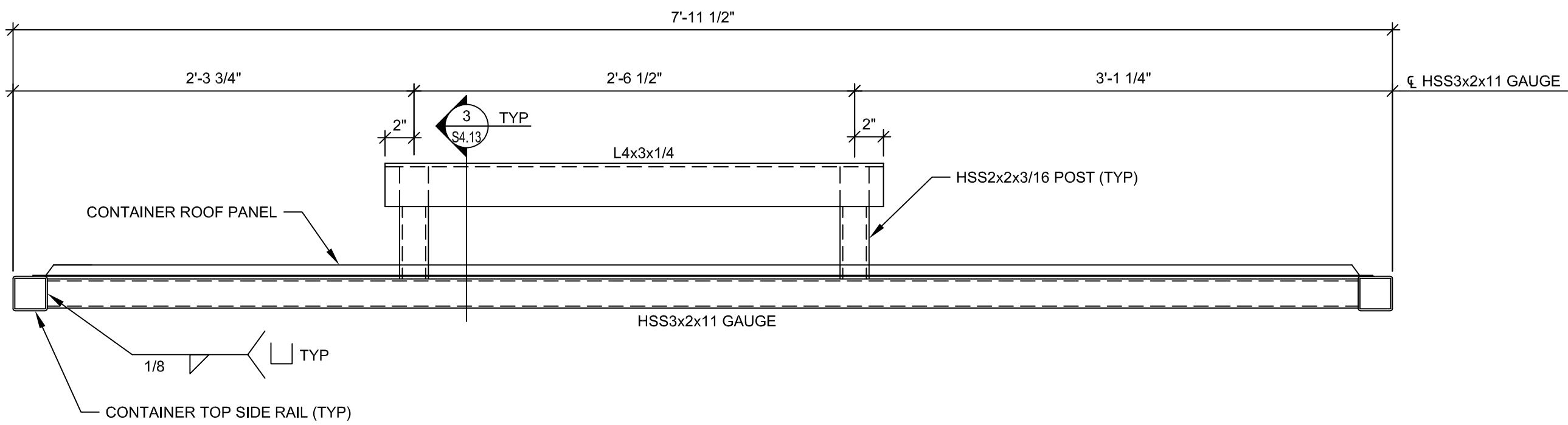
SECTION 11  
1 1/2" = 1'-0" S4.11

**DETAIL**  
 3" = 1'-0"







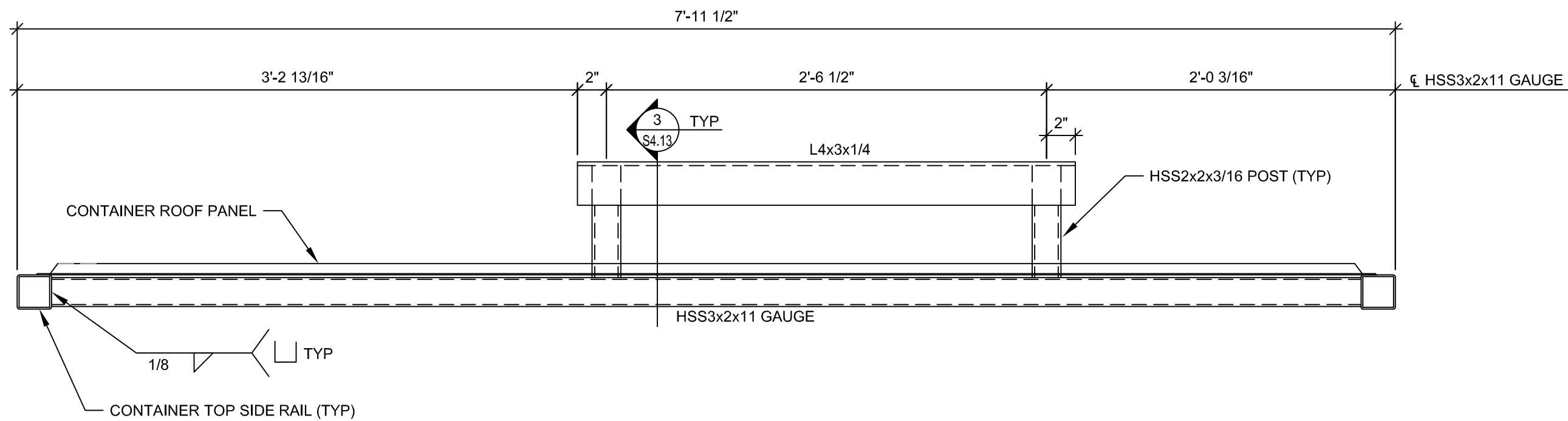
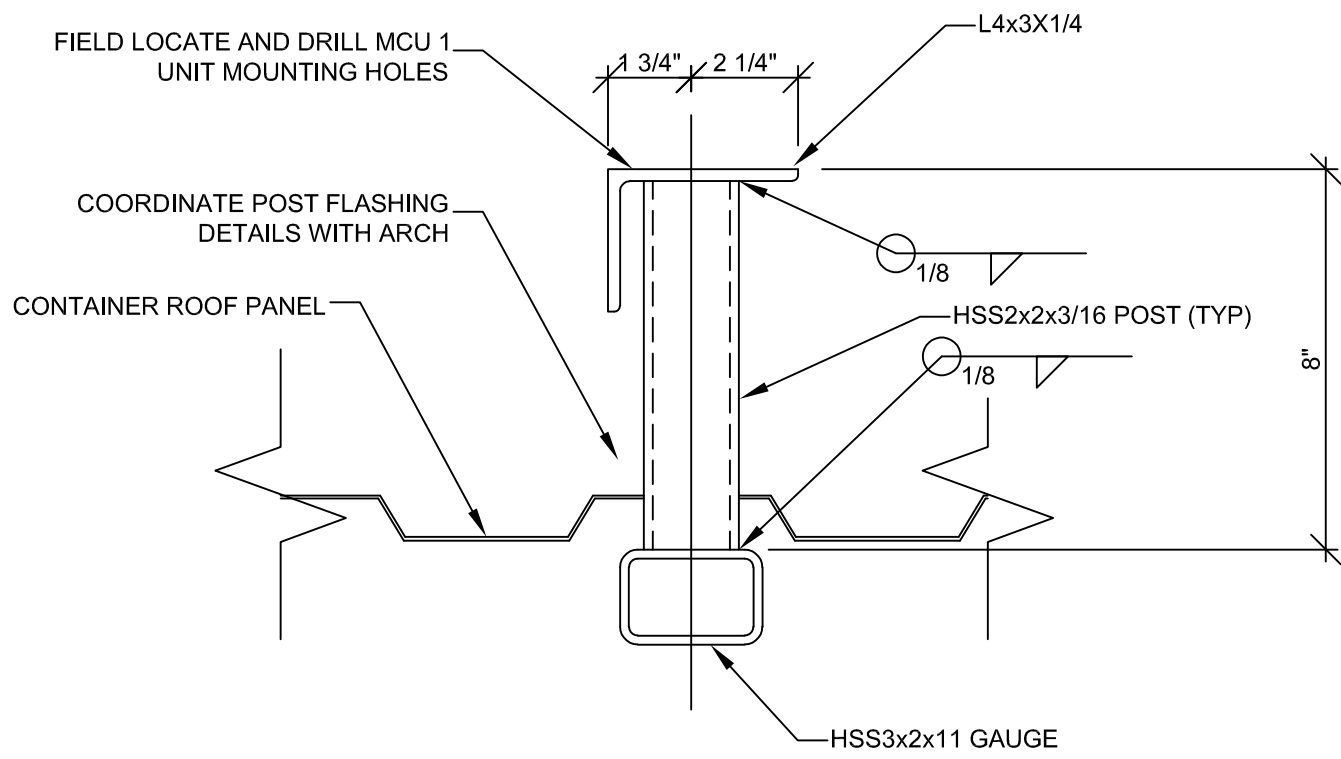


SECTION  
1 1/2" = 1'-0"

1  
S4.13

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

2  
S4.13

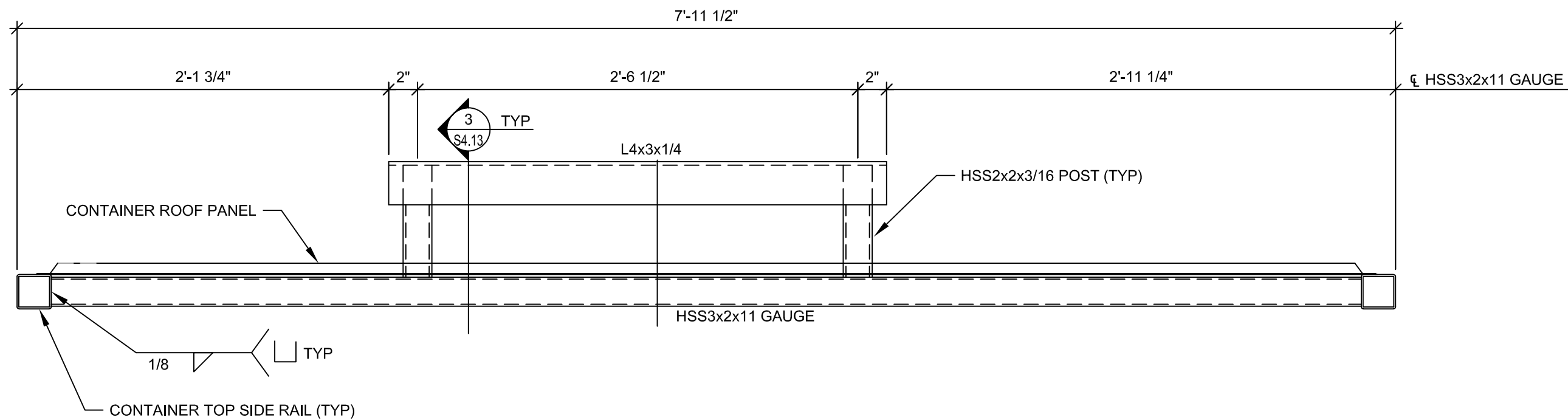


SECTION  
3" = 1'-0"

3  
S4.13

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

4  
S4.13



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

6  
S4.13

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

7  
S4.13

**PMA Engineering**  
6717 Shawnee Mission Pkwy  
Suite 100, Overland Park, KS 66202  
Tel: 913.241.1111  
www.pmaengineering.com  
(PROJECT # P23025)

PAGE McNAGHTEN ASSOC. INC.  
PROFESSIONAL ENGINEERING  
d/b/a PMA ENGINEERING  
MISSOURI STATE CERTIFICATE  
OF AUTHORITY # 001400

MISSOURI PE COA  
MO# 2017016721

STATE OF MISSOURI  
VALERIE J. KAHN  
PROFESSIONAL ENGINEER  
NUMBER  
PE-2017016721  
03/31/2023

PROJECT #P23025

BOBS CONTAINERS  
1141 FM 812  
DEL VALLE, TX 78617  
(361) 202-8508

A PROJECT FOR:

BLUE JEANS GOLF  
1501 E US HWY 40  
LEE'S SUMMIT, MO 64015

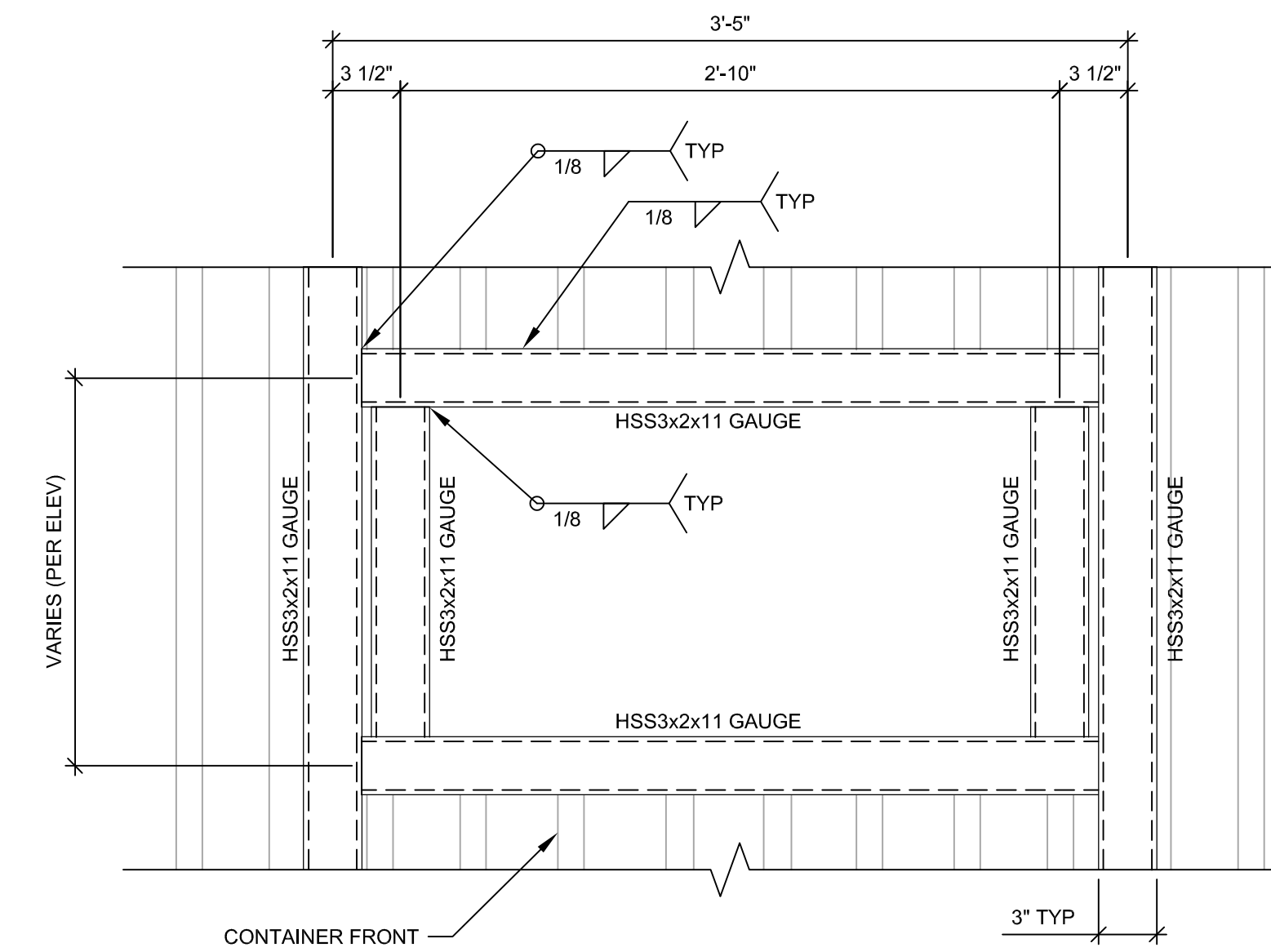
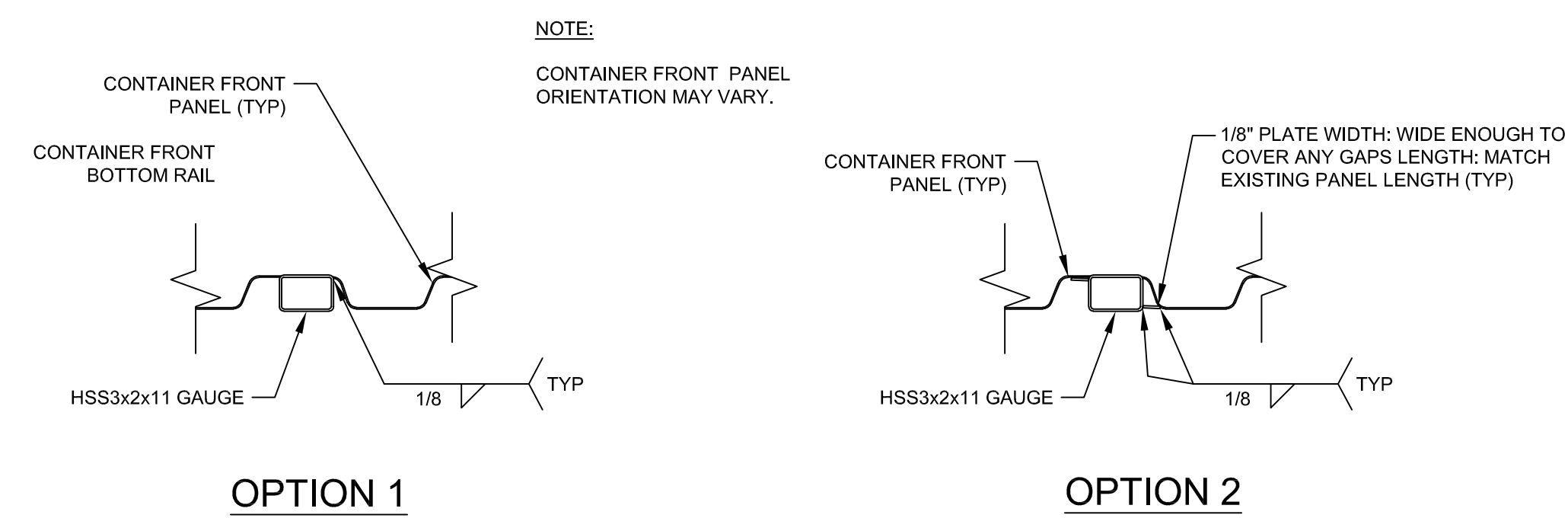
ISSUE DATE:  
3/31/2023

REVISION:

SHEET TITLE  
SECTIONS &  
DETAILS

S4.13





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

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

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED





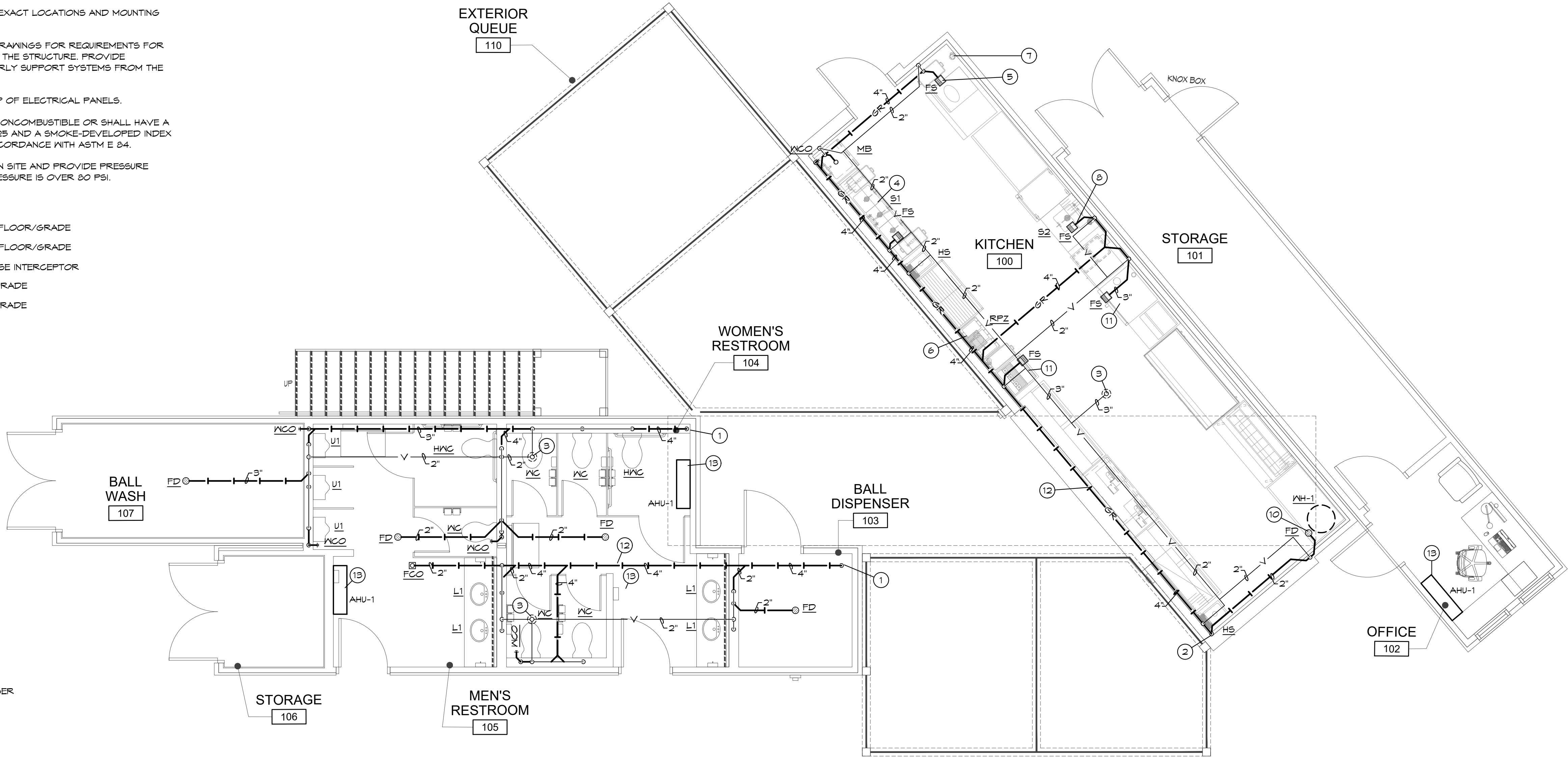


PLUMBING GENERAL NOTES:

1. INSTALL ALL PIPE, ETC. AS HIGH AS POSSIBLE.
2. COORDINATE ALL WORK WITH OTHER TRADES AND EXISTING CONDITIONS AS REQUIRED TO PROPERLY INSTALL ALL SYSTEMS AS INTENDED, WITHIN THE CONFINES OF THE SPACES AVAILABLE, AND WITHOUT INTERFERENCES.
3. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF FIXTURES.
4. REFER TO ARCHITECTURAL & STRUCTURAL DRAWINGS FOR REQUIREMENTS FOR SUPPORTING PIPING, EQUIPMENT, ETC. FROM THE STRUCTURE. PROVIDE ADDITIONAL STEEL AS REQUIRED TO PROPERLY SUPPORT SYSTEMS FROM THE STRUCTURE.
5. NO PIPING SHALL BE ROUTED OVER THE TOP OF ELECTRICAL PANELS.
6. ALL MATERIALS WITHIN PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84.
7. CONTRACTOR TO TEST WATER PRESSURE ON SITE AND PROVIDE PRESSURE REDUCING VALVE ON WATER SERVICE IF PRESSURE IS OVER 80 PSI.

PLUMBING SYMBOLS

	SOIL AND WASTE PIPING BELOW FLOOR/GRADE
	SOIL AND WASTE PIPING ABOVE FLOOR/GRADE
	GREASE WASTE PIPING TO GREASE INTERCEPTOR
	SANITARY VENT PIPING ABOVE GRADE
	SANITARY VENT PIPING BELOW GRADE
	DOMESTIC COLD WATER PIPING
	DOMESTIC HOT WATER PIPING
	PIPING TURNING DOWN
	PIPING TURNING UP
	TEE TOP CONNECTION
	UNION
	BACKFLOW PREVENTER
	FLOOR DRAIN
	FLOOR CLEAN OUT
	WALL CLEAN OUT
	GRADE CLEAN OUT
	VALVE
	BALANCING VALVE
	SOLENOID VALVE
	PRESSURE REGULATOR
	CHECK VALVE
	CONNECT TO EXISTING
	INVERT ELEVATION OF PIPE
	MATCH MARKS ON PLUMBING RISER DIAGRAM



PLUMBING PLAN NOTES:

- ① 4" WASTE PIPING ROUTED DOWN BELOW GRADE. SEE CIVIL PLAN FOR CONTINUATION OF 4" SANITARY SEWER. MAINTAIN 30" COVER.
- ② 4" GREASE WASTE ROUTED DOWN BELOW GRADE AND TO GREASE INTERCEPTOR. MAINTAIN 36" COVER.
- ③ PROVIDE VENT THROUGH ROOF. FLASH AS REQUIRED TO SEAL PENETRATION WEATHER TIGHT. VERIFY 10'-0" CLEARANCE FROM ALL OUTDOOR AIR INTAKES.
- ④ CONNECT (3) 1-1/2" DRAINS FROM 3-COMPARTMENT SINK AND ROUTE TO FLOOR SINK WITH AN AIR GAP. LOCATE FLOOR SINK IN ACCESSIBLE LOCATION.
- ⑤ ROUTE DRAIN FROM ICE MACHINE TO FLOOR SINK WITH AN AIR GAP, AND PER THE MANUFACTURERS REQUIREMENTS.
- ⑥ ROUTE DRAIN FROM RPZ BFP TO FLOOR SINK WITH AIR GAP.
- ⑦ ROUTE DRAIN FROM WATER FILTER TO FLOOR SINK WITH AN AIR GAP AS REQUIRED.
- ⑧ ROUTE 1-1/2" DRAIN FROM PREP SINK TO FLOOR SINK WITH AN AIR GAP.
- ⑨ CONNECT WASTE AND VENT PIPING TO GREASE INTERCEPTOR AS DETAILED AND AS REQUIRED BY LOCAL JURISDICTION. LOCATE IN GRASSY AREA BEHIND BUILDING. SEE CIVIL DRAWINGS FOR EXACT LOCATION.
- ⑩ FLOOR DRAIN IN UPPER CONTAINER. ROUTE WASTE DOWN IN WALL AS REQUIRED.
- ⑪ ROUTE 1-1/2" DRAIN FROM KITCHEN EQUIPMENT TO FLOOR SINK WITH AN AIR GAP.
- ⑫ ALL WASTE PIPING IS TO BE ROUTED IN CRAWLSPACE AS REQUIRED.
- ⑬ ROUTE AIR HANDLER CONDENSATE TO DAYLIGHT AS REQUIRED.



PLUMBING WASTE AND VENT FLOOR PLAN

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

BC

ENGINEERS  
INCORPORATED  
5720 Reeder  
Shawnee, KS 66203  
(913)262-1772

This drawing has been prepared by the Engineer, or under his supervision. This drawing is provided as an instrument of service by the Designer/Engineer and is intended for the use on this project only. Pursuant to the Architectural Works Copyright Protection Act of 1990, all drawings, specifications, ideas and designs, including the overall form, arrangement and composition of spaces and elements appearing herein, constitute the original, copyrighted work of the Designer/Engineer. Any reproduction, use, or disclosure of information contained herein without prior written consent of the Engineer is strictly prohibited.  
© 2023 BC Engineers, Inc.

MISSOURI

PE COA #2009003629

4/5/2023



BC PROJECT #23025

BOBS CONTAINERS  
11411 FM 812  
DEL VALLE TX 78617  
(361) 202-8508

A PROJECT FOR:

BLUE JEANS GOLF  
1501 E US HWY 40  
LEE'S SUMMIT, MO 64015

ISSUE DATE:

04/06/2023

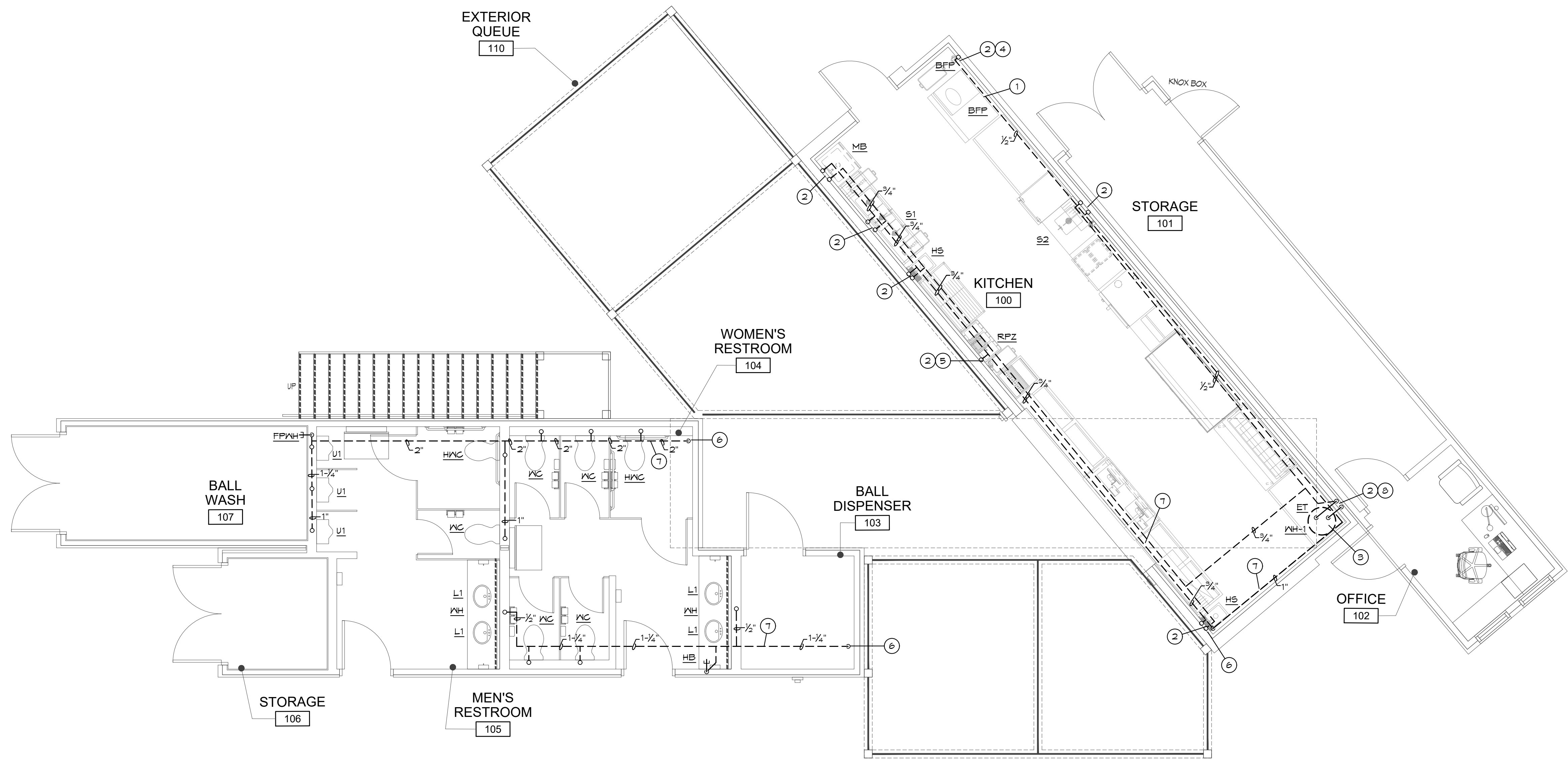
REVISION:

SHEET TITLE

PLUMBING WASTE AND  
VENT FLOOR PLAN

P1





**PLUMBING WATER FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

**PLUMBING PLAN NOTES:**

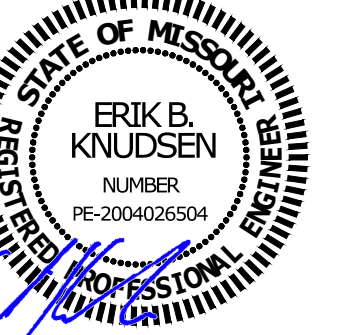
- 1 PROVIDE 1/2" FILTERED CW TO ICE MACHINE WITH SHUT-OFF VALVE.
- 2 ROUTE PIPING ON WARM SIDE OF INSULATION TO PROTECT FROM FREEZING.
- 3 SEE RISER DIAGRAM FOR WATER HEATER PIPING DIAGRAM. REFER TO MANUFACTURERS INSTRUCTIONS FOR EXACT REQUIREMENTS SET HOT WATER HEATER THERMOSTAT TO 140° F.
- 4 CONNECT 3/4" CW TO WATER FILTER WITH BYPASS PER THE MANUFACTURER'S REQUIREMENTS. PLUMBING CONTRACTOR TO LOCATE WATER FILTER SUPPLY LINE ACCORDINGLY.
- 5 PROVIDE 1/2" CW TO SODA SYSTEM. PROVIDE RPZ BACKFLOW PREVENTOR AS APPROVED BY WATER DEPARTMENT IN ACCESSIBLE LOCATION ADJACENT TO BAG-IN-BOX. NO COPPER PIPE DOWNSTREAM OF BFP.
- 6 INCOMING DOMESTIC WATER SERVICE LINE INTO GRAVEL SPACE. SEE CIVIL PLAN FOR CONTINUATION OF DOMESTIC SERVICE LINE OUTSIDE OF BUILDING.
- 7 CW AND HW PIPING ROUTED IN GRAVEL SPACE AS REQUIRED. COORDINATE WITH E.G. FOR HEAT TRACING.
- 8 CW AND HW PIPING ROUTED IN WALL UP TO WATER HEATER IN CONTAINER ABOVE.



**ENGINEERS  
INCORPORATED**  
5720 Reeder  
Shawnee, KS 66203  
(913)262-1772

This drawing has been prepared by the Engineer, or under his supervision. This drawing is provided as an instrument of service by the Designer/Engineer and is intended for the use on this project only. Pursuant to the Architectural Works Copyright Protection Act of 1990, all drawings, specifications, ideas and designs, including the overall form, arrangement and composition of spaces and elements appearing herein, constitute the original, copyrighted work of the Designer/Engineer. Any reproduction, use, or disclosure of information contained herein without prior written consent of the Engineer is strictly prohibited.  
© 2023 BC Engineers, Inc.

MISSOURI  
PE COA #2009003629  
4/5/2023



BC PROJECT #23025

BOBS CONTAINERS  
11411 FM 812  
DEL VALLE TX 78617  
(361) 202-8508

A PROJECT FOR:  
**BLUE JEANS GOLF**  
1501 E US HWY 40  
LEE'S SUMMIT, MO 64015

ISSUE DATE:  
04/06/2023

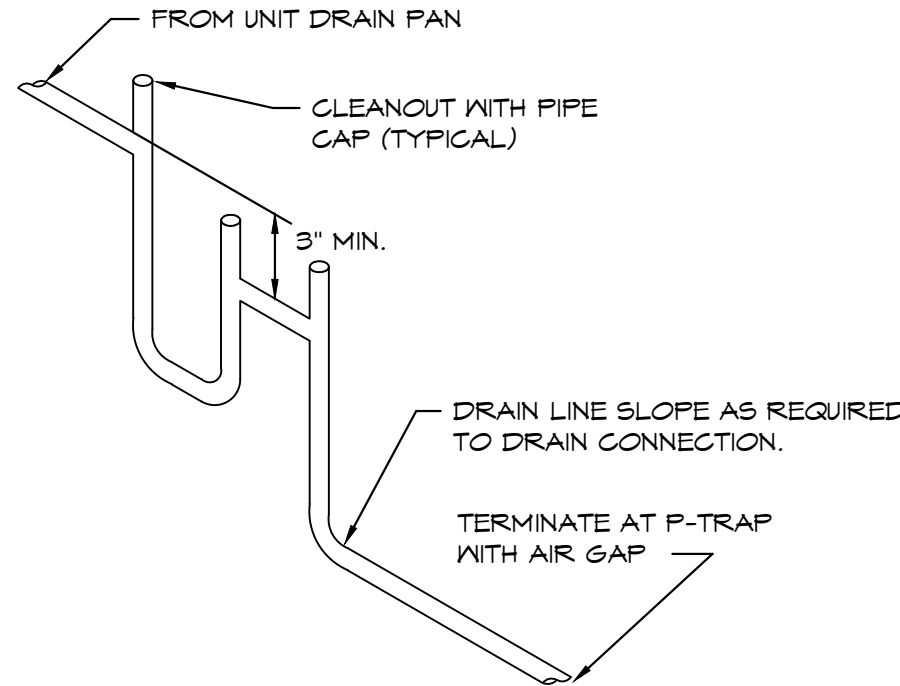
REVISION:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SHEET TITLE  
PLUMBING WATER  
FLOOR PLAN

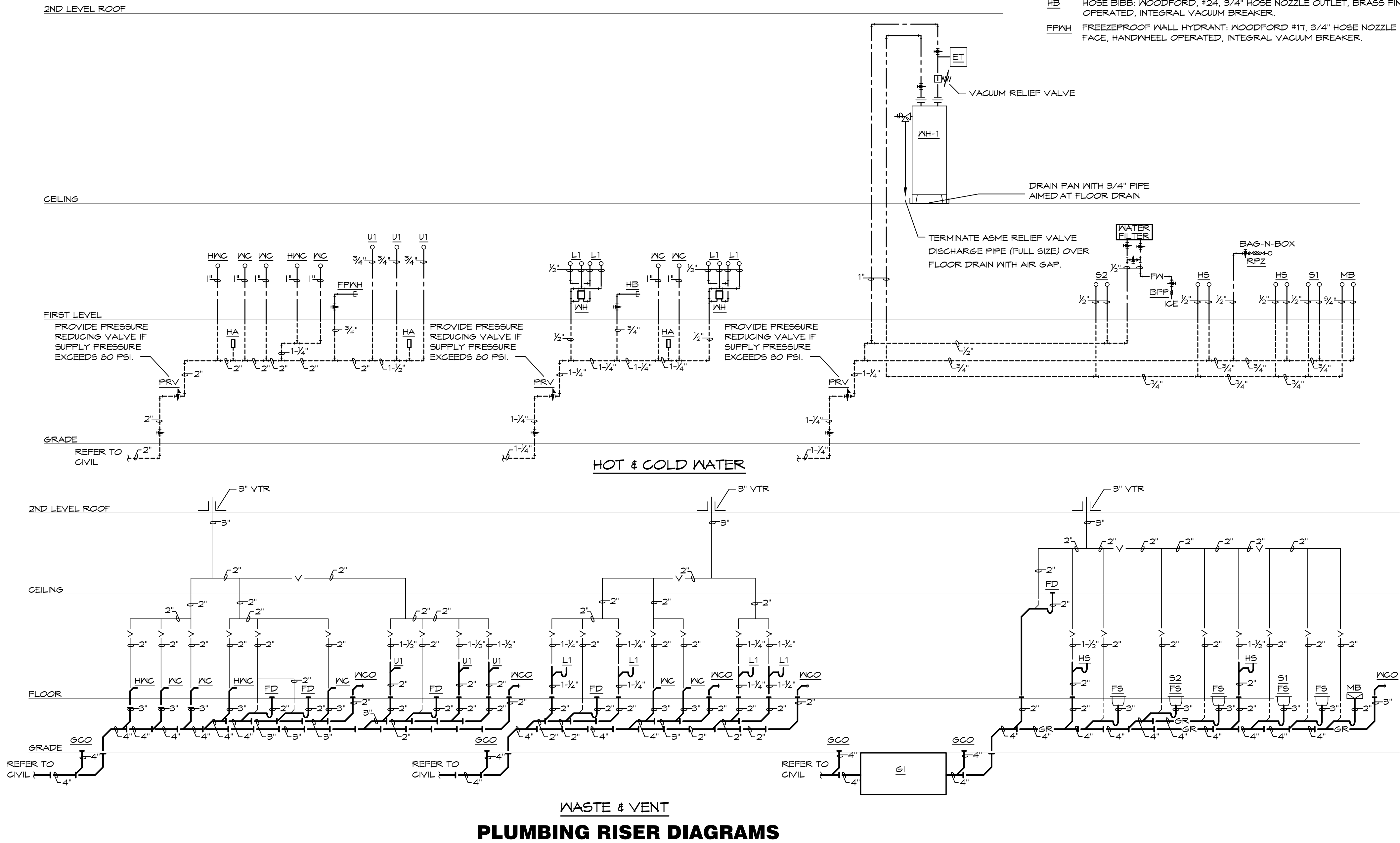


PLUMBING FIXTURE SCHEDULE (OR EQUAL):

- NH TANKLESS HOT WATER HEATER: STIEBEL ELTRON MINI-E 6, 208 VOLT, 6.0 KW.
- NH-1 HOT WATER HEATER: AO SMITH #DEL-40, 40 GALLON STORAGE, 208 VOLT 1 $\phi$ , (2) 4500 WATT ELEMENT, NON-SIMULTANEOUS, ASME TEMPERATURE AND PRESSURE RELIEF VALVE.
- S1 3-COMPARTMENT SINK: PROVIDED BY KITCHEN EQUIPMENT SUPPLIER, INSTALLED BY PLUMBING CONTRACTOR. PROVIDE (3) 1-1/2" ROTARY OPERATED DRAINS WITH TAILPIECES, WASTE MANIFOLD PIPING, CHROME PLATED ANGLE STOPS AND RISERS.
- S2 PREP SINK: PROVIDED BY KITCHEN EQUIPMENT SUPPLIER, INSTALLED BY PLUMBING CONTRACTOR. PROVIDE 1-1/2" ROTARY OPERATED DRAIN WITH TAILPIECE, WASTE PIPING, CHROME PLATED ANGLE STOPS AND RISERS.
- HS HAND SINK: PROVIDED BY KITCHEN EQUIPMENT SUPPLIER. PROVIDE GRID DRAIN WITH 1-1/2" TAILPIECE, CHROME PLATED CAST BRASS P-TRAP WITH CLEANOUT, CHROME PLATED ANGLE STOPS AND RISERS, CONCEALED ARM FLOOR MOUNTED LAVATORY CARRIER.
- MB MOP BASIN: FIAT, #MSB-2424, MOLDED STONE MOP BASIN, 2" DRAIN, 24"X 24" BASIN, VINYL BUMPER GUARD, STERN WILLIAMS #T-10-V/B FAUCET, SPRINGS CHECKS, VACUUM BREAKER, INTEGRAL STOP, WALL BRACE & PAIL HOOK, WALL BRACKET WITH 30" HOSE.
- FS FLOOR SINK: SIOUX CHIEF, #861 SQUARE PVC FLOOR SINK WITH STAINLESS STEEL MESH DEBRIS SCREEN, PVC HALF OPEN STRAINER.
- FD FLOOR DRAIN: SIOUX CHIEF, #842-PB, PVC FLOOR DRAIN WITH ADJUSTABLE TOP AND CAST BRASS STRAINER.
- RPZ REDUCED ZONE PRESSURE BACKFLOW PREVENTOR: WATTS #LF009, LEAD FREE BRONZE BODY CONSTRUCTION, TWO, IN-LINE INDEPENDENT CHECK VALVES, REPLACEABLE CHECK SEATS WITH AN INTERMEDIATE RELIEF VALVE, AND BALL VALVE TEST COCKS. USC APPROVED.
- WC WATER CLOSET, OWNER PROVIDED VITREOUS CHINA, WALL HUNG, ELONGATED BOWL, SIPHON JET ACTION, OWNER PROVIDED FLUSH VALVE, 1.28 GAL/FLUSH, WHITE OPEN FRONT ELONGATED SEAT, FLOOR MOUNTED FIXTURE SUPPORT (HEAVY DUTY 500 LB CAPACITY).
- HWC WATER CLOSET (HANDICAPPED): SAME AS WC, EXCEPT 18" HIGH BOWL FOR HANDICAPPED.
- L1 HANDICAP LAVATORY, COUNTERTOP, OWNER PROVIDED, INSTALLED BY PLUMBING CONTRACTOR. PROVIDE CHROME PLATED ANGLE STOPS AND RISERS, INSULATE EXPOSED DRAIN, WATER SUPPLIES, AND VALVES WITH PROWRAP SEAMLESS MOLDED CLOSED CELL VINYL INSULATION.
- BFP BACKFLOW PREVENTOR: WATTS #SD-3, DUAL CHECK VALVE WITH ATMOSPHERIC PORT & STRAINER.
- GI GREASE INTERCEPTOR: SCHIER GB-250 100 GPM GREASE INTERCEPTOR, PROVIDE FIELD CUT RISERS, GAS TIGHT COVERS, AND ASSOCIATED PIPING PER LOCAL CODE REQUIREMENTS.
- HA WATER HAMMER ARRESTOR: JR SMITH 'HYDROTROL' #5000 LEAD-FREE WATER HAMMER ARRESTOR, SIZED AS PER MANUFACTURER'S RECOMMENDATIONS.
- HB HOSE BIBB: WOODFORD, #24, 3/4" HOSE NOZZLE OUTLET, BRASS FINISH, HANDWHEEL OPERATED, INTEGRAL VACUUM BREAKER.
- FPWH FREEZEPROOF WALL HYDRANT: WOODFORD #17, 3/4" HOSE NOZZLE OUTLET, BRASS FACE, HANDWHEEL OPERATED, INTEGRAL VACUUM BREAKER.



CONDENSATE DRAIN DETAIL  
SCALE: NONE





SPECIFICATIONS

Notes:

- 4" FPT inlet/outlet with 4" plain end adapters, single inlet and triple outlet.
- Unit weight - w/ cast iron covers: 376 lbs. (For wet weight add 2,310 lbs.)
- Maximum operating temperature: 150° F continuous
- Capacities - Liquid: 277 gal.;  
Grease: 1,895 lbs. (260 gal.) @100GPM  
Grease: 1,196 lbs. (164 gal.) @200GPM  
Solids: 69 gal.
- This unit does not require flow control for 100 GPM applications. Built-in flow control is provided for 200 GPM applications. For series installations, only install flow control on the first unit in the series if necessary.
- For gravity drainage applications only.
- Do not use for pressure applications.
- Cover placement allows full access to tank for proper maintenance.
- Vent not required unless per local code.
- Engineered inlet and outlet diffusers with inspection ports are removable to inspect / clean piping.
- Integral air relief / Anti-siphon / Sampling access.
- Adjustable cover adapters provide up to 4" of additional height.
- Designed for below-grade, above-grade, indoor or outdoor installations.
- Safety Star®, access restrictor built into each cover adapter, prevents accidental entry to tanks (450 lb rating).

ENGINEER SPECIFICATION GUIDE

Schier Great Basin™ grease interceptor model # GB-250 shall be lifetime guaranteed and made in USA of seamless, rotationally-molded polyethylene with minimum 3/8" uniform wall thickness. Interceptor shall be furnished for above or below-grade installation with adjustable cover adapters, Safety Star® access restrictor built into each cover adapter, built-in flow control (for 200 GPM only) and three outlet options. Interceptor shall be certified to ASME A112.14.3 (Type D for 100 GPM, type C for 200 GPM) and CSA B481.1. Interceptor flow rate shall be 100 GPM or 200 GPM. Interceptor grease capacity shall be 1,895 lbs. @ 100 GPM or 1,196 lbs. @ 200 GPM. Cover shall provide water/gas-tight seal and have minimum 16,000 lbs. load capacity.

CERTIFIED PERFORMANCE

Great Basin™ hydromechanical grease interceptors are third party performance-tested and listed by IAPMO to ASME #A112.14.3 and CSA B481.1 grease interceptor standards and greatly exceed requirements for grease separation and storage. They are compliant to the Uniform Plumbing Code and the International Plumbing Code.

Type D certification does not require a flow control

SPECIFICATION SHEET

MODEL NUMBER:

GB-250

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SCHIER PRODUCTS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SCHIER PRODUCTS IS PROHIBITED.

PART NUMBER: 4055-007-02

DESCRIPTION:

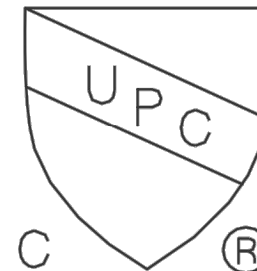
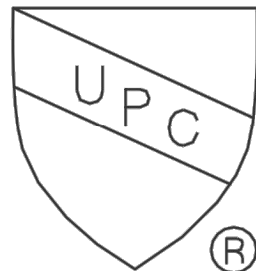
GB-250 GREASE INTERCEPTOR 100 GPM / 200 GPM, 4" INLET/OUTLET, H-20 RATED CAST IRON COVERS

DWG BY: C.SINCLAIR

DATE: 5/4/2022

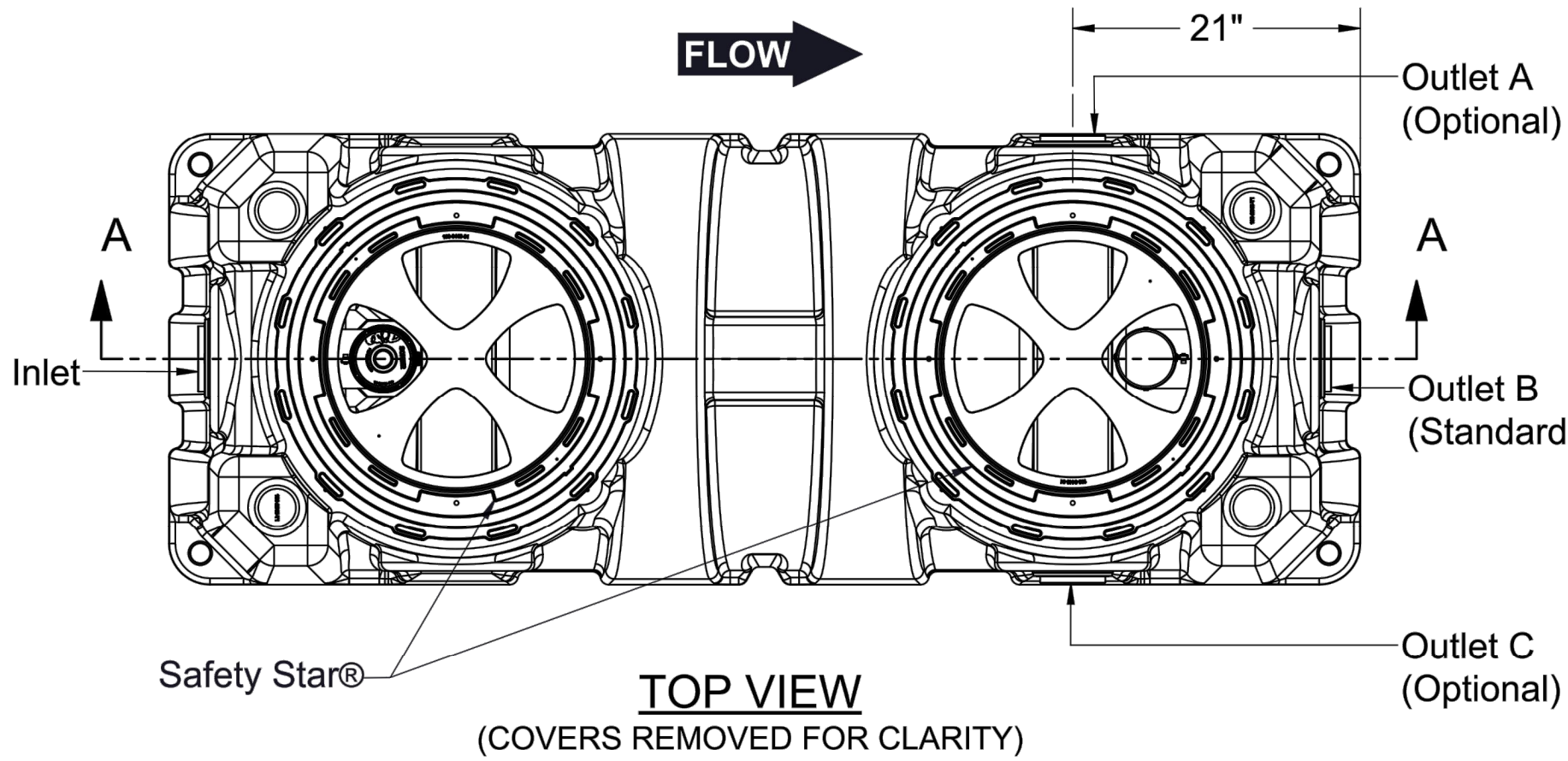
REV: -

ECO: -

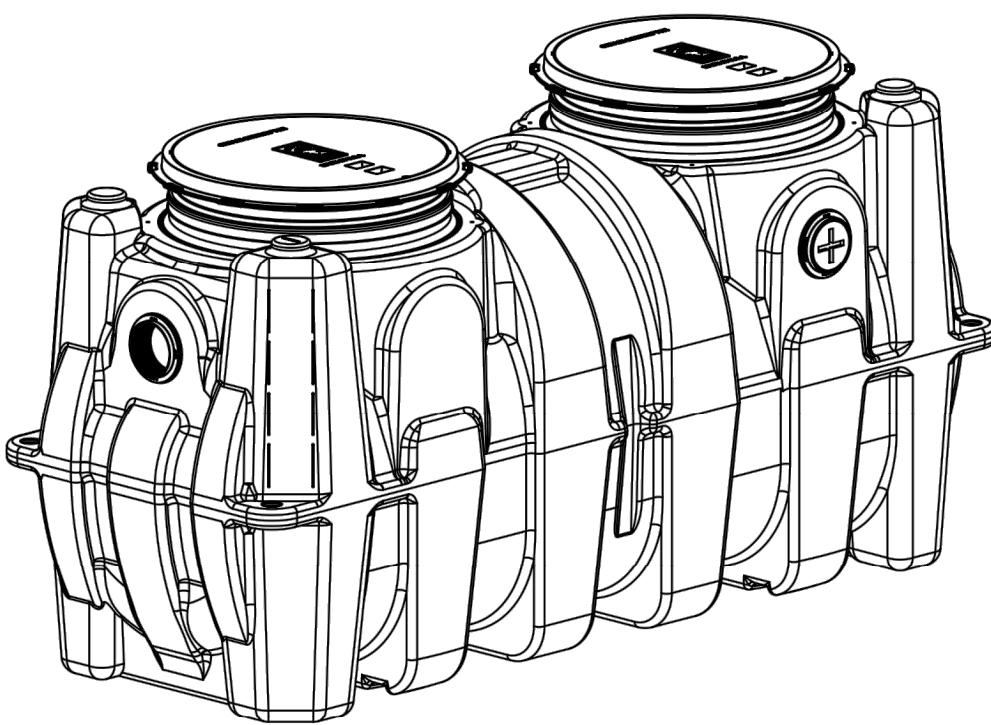


SCHIER

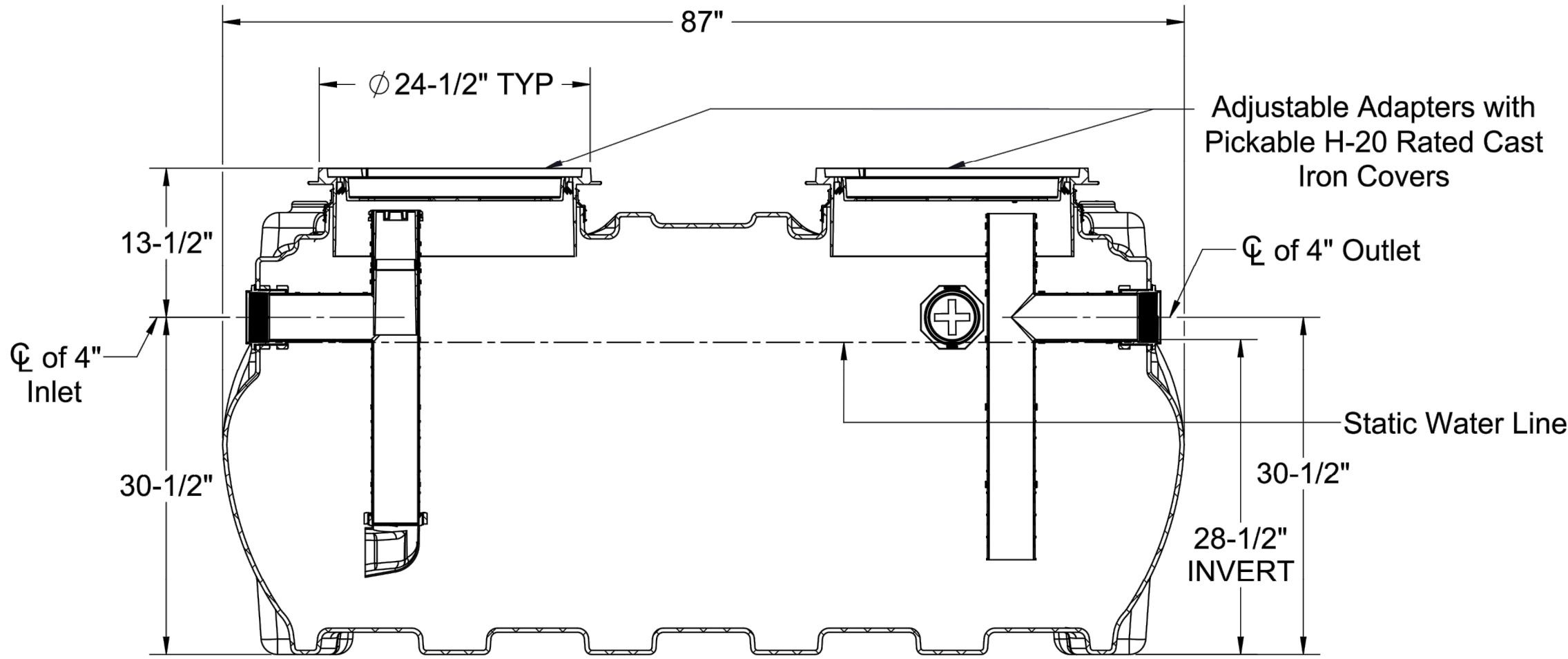
6455 Woodland Dr  
Shawnee, KS 66218  
Tel: 913-951-3300  
Fax: 913-951-3399  
schierproducts.com



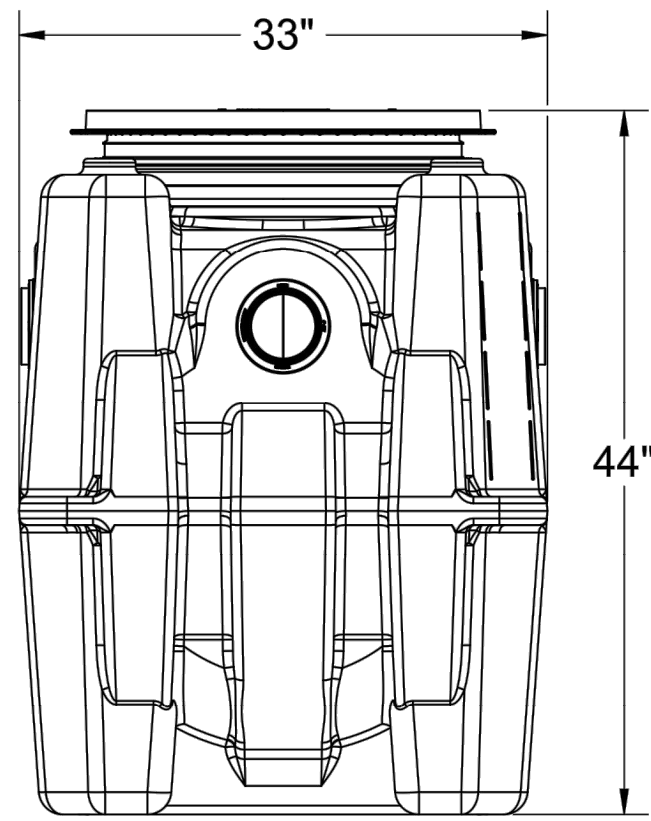
TOP VIEW  
(COVERS REMOVED FOR CLARITY)



ISOMETRIC VIEW



SECTION A-A



END VIEW

BC

ENGINEERS  
INCORPORATED  
5720 Reeder  
Shawnee, KS 66203  
(913)262-1772

This drawing has been prepared by the Engineer, or under his supervision. This drawing is provided as an instrument of service by the Designer/Engineer and is intended for the use on this project only. Pursuant to the Architectural Works Copyright Protection Act of 1990, all drawings, specifications, ideas and designs, including the overall form, arrangement and composition of spaces and elements appearing herein, constitute the original, copyrighted work of the Designer/Engineer. Any reproduction, use, or disclosure of information contained herein without prior written consent of the Engineer is strictly prohibited.  
© 2023 BC Engineers, Inc.

MISSOURI

PE COA #2009003629

4/5/2023



BC PROJECT #23025

BOBS CONTAINERS  
11411 FM 812  
DEL VALLE, TX 78617  
(361) 202-8508

A PROJECT FOR:

BLUE JEANS GOLF  
1501 E US HWY 40  
LEE'S SUMMIT, MO 64015

ISSUE DATE:

04/06/2023

REVISION:

SHEET TITLE  
GREASE INTERCEPTOR  
DETAIL

P4

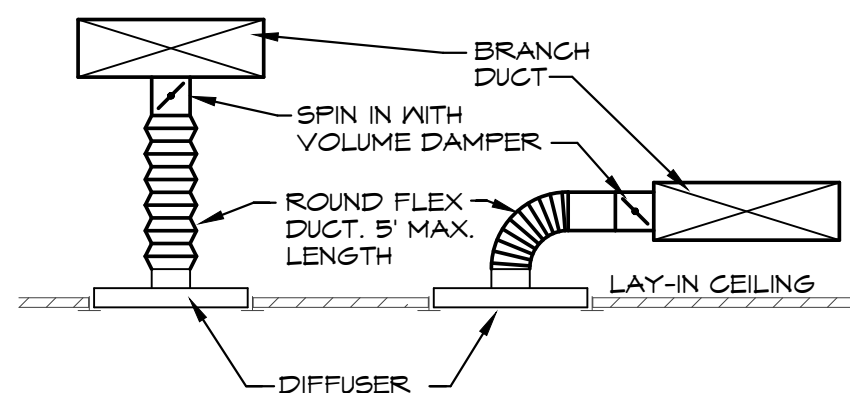


MECHANICAL GENERAL NOTES:

- COORDINATE ALL WORK WITH OTHER TRADES AND EXISTING CONDITIONS AS REQUIRED TO PROPERLY INSTALL ALL SYSTEMS AS INTENDED, WITHIN THE CONFINES OF THE SPACES AVAILABLE, AND WITHOUT INTERFERENCES.
- THIS CONTRACTOR SHALL PERFORM ALL WORK INDICATED AND/OR AS REQUIRED FOR THE PROPER INSTALLATION AND OPERATION OF THE MECHANICAL SYSTEMS.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF DIFFUSERS.
- INSTALL ALL DUCT, PIPE, ETC. AS HIGH AS POSSIBLE.
- DUCT SIZES SHOWN ARE ACTUAL SHEET METAL SIZES AND INCLUDE AN ALLOWANCE FOR DUCT LINER WHERE APPLICABLE.
- PROVIDE FLEXIBLE CONNECTION BETWEEN DUCTWORK AND ROOFTOP UNITS, EXHAUST FANS, AND OTHER MOTORIZED EQUIPMENT.
- NO DUCT SHALL BE ROUTED OVER THE TOP OF ELECTRICAL PANELS.
- ALL MECHANICAL SYSTEMS SHALL BE BALANCED BY A CERTIFIED BALANCING CONTRACTOR. REFER TO SPECIFICATIONS FOR DETAILS.

MECHANICAL SYMBOLS

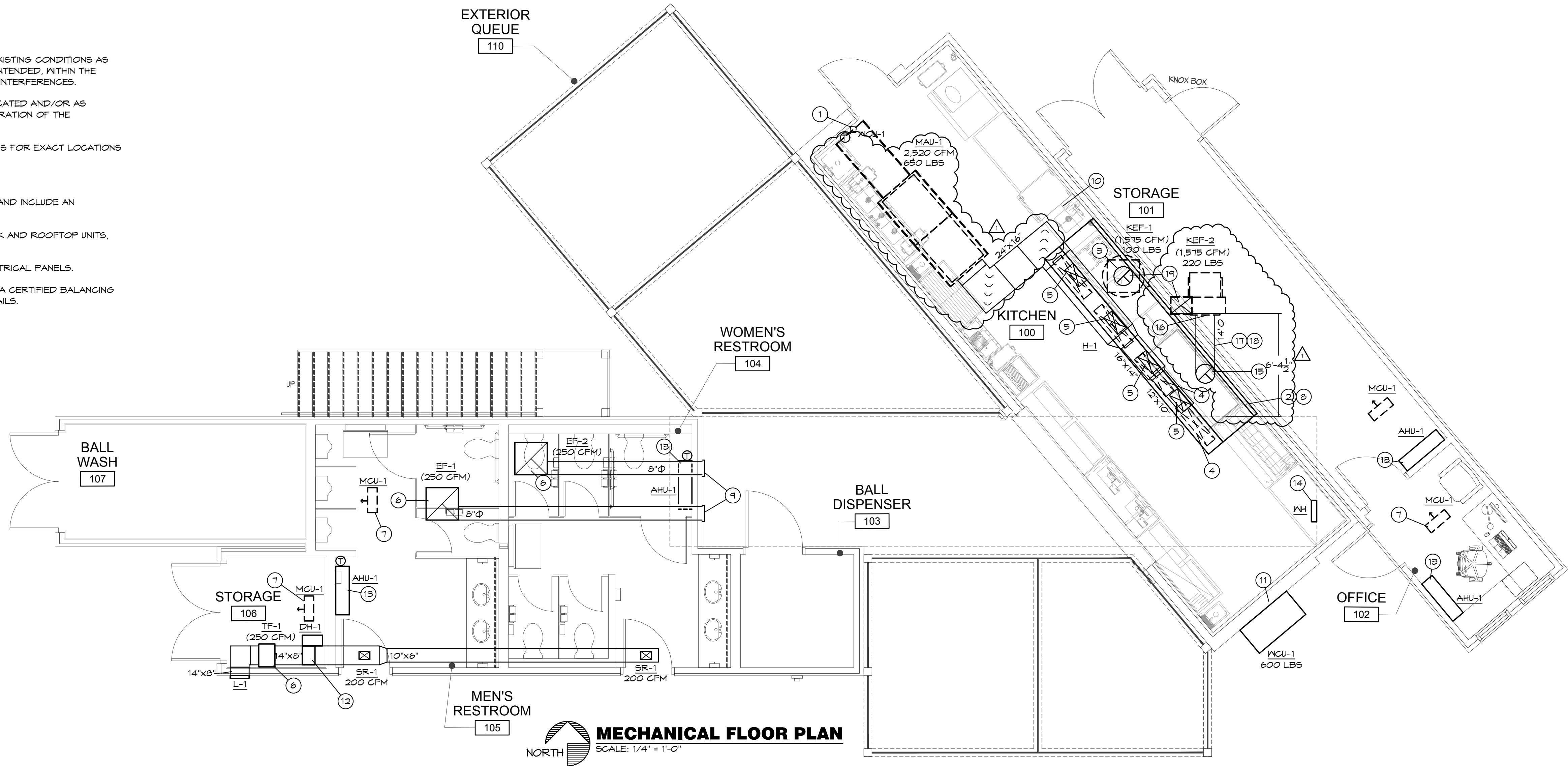
- NEW SUPPLY DIFFUSER
- NEW RETURN AIR GRILLE
- EXHAUST GRILLE/FAN
- REMOTE TEMPERATURE SENSOR
- THERMOSTAT, MOUNTED AT 48" AFF
- NEW DUCTWORK
- 32"x14" SIZE OF RECTANGULAR DUCT
- 6"Ø SIZE OF ROUND DUCT
- FLEXIBLE DUCTWORK
- FLEXIBLE CONNECTION TO FAN
- FLOOR PLAN NOTE DESIGNATION
- S.A. SUPPLY AIR
- R.A. RETURN AIR
- EXH. EXHAUST AIR
- TRANSITION IN DUCT SIZE
- ELBOW WITH TURNING VANES
- MANUAL VOLUME DAMPER
- MANUAL VOLUME DAMPER
- MOTORIZED CONTROL DAMPER
- FIRE DAMPER
- SPLITTER DAMPER WITH HORIZONTAL REGULATOR
- SUPPLY AIR DUCT UP/DOWN
- RETURN AIR DUCT UP/DOWN
- EXHAUST AIR DUCT UP/DOWN
- CHANGE IN ELEVATION UP (UP) DOWN (DN) IN DIRECTION OF FLOW
- RTU-1 SCHEDULED MECHANICAL EQUIPMENT



**DIFFUSER DETAIL**  
SCALE: NONE

**KITCHEN AIR BALANCE SCHEDULE**

SUPPLY AIR UNIT	OUTSIDE AIRFLOW (CFM)	RETURN AIRFLOW (CFM)	SUPPLY AIRFLOW (CFM)	OA/SA %	EXHAUST AIR UNIT	EXHAUST AIRFLOW (CFM)
WCU-1	650	1750	2400	27.0%	KEF-1	1575
MUA-1	2520	0	2520	100.0%	KEF-2	1575
TOTAL	3170	1750	4920	64.4%	TOTAL	3150
RESULTING BUILDING PRESSURIZATION						20 CFM



**MECHANICAL FLOOR PLAN**



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

MECHANICAL PLAN NOTES:

- LOCATION OF MANUAL PULL STATION. INSTALL PER THE MANUFACTURERS REQUIREMENTS.
- EXHAUST HOOD PROVIDED BY OTHERS. INSTALLED BY THIS CONTRACTOR PER THE MANUFACTURERS INSTRUCTIONS.
- TRANSITION AND CONNECT 14"Ø GREASE DUCT TO EXHAUST HOOD WITH AS SHOWN. ROUTE DUCT UP AND CONNECT TO EXHAUST FAN. OFFSET AS NECESSARY TO MISS ROOF STRUCTURE, AND TO MAINTAIN 10'-0" CLEARANCE FROM ALL OUTDOOR AIR INTAKES, AIMED AWAY FROM CONTIGUOUS BUILDING. ALL GREASE DUCT IS TO BE INSTALLED WITH DUCT WRAP AS DETAILED AND PER THE MANUFACTURERS REQUIREMENTS FOR 0" CLEARANCE TO COMBUSTIBLES.
- TRANSITION AND CONNECT MAKE-UP AIR DUCT TO EXHAUST HOOD SUPPLY PLENUM PER THE MANUFACTURERS REQUIREMENTS. ROUTE DUCT DOWN THROUGH ROOF. SEAL PENETRATION WEATHERTIGHT. SEE SHEET M3 FOR CONNECTION SIZE AND SUPPLY CFM.
- 16X8" DUCT DOWN THROUGH ROOF. TRANSITION AND CONNECT MAKE-UP AIR DUCT TO EXHAUST HOOD SUPPLY PLENUM PER THE MANUFACTURERS REQUIREMENTS. SEE SHEET M3 FOR CONNECTION SIZE AND SUPPLY CFM.
- SUPPORT EXHAUST FAN FROM STRUCTURE AS REQUIRED BY THE MANUFACTURER.
- MOUNT CONDENSING UNIT ON ROOF AS DETAILED AND AS REQUIRED BY THE MANUFACTURER. CONNECT REFRIGERANT PIPING AS REQUIRED BY THE MANUFACTURER. SEE ARCHITECTURAL PLANS FOR MOUNTING DETAIL.
- HOOD SHALL BE PROVIDED WITH FACTORY PRE-WIRE PACKAGE AND A PRE-ENGINEERD UL-300 FIRE SUPPRESSION SYSTEM. SEE HOOD DRAWINGS FOR DETAILS.
- ROUTE 10"Ø EXHAUST TO WALL CAP WITH BACKDRAFT DAMPER. MAINTAIN 10'-0" CLEARANCE TO ALL OUTDOOR AIR INTAKES.
- MAKEUP AIR DUCT ROUTED ON ROOF AS REQUIRED.
- INSTALL WALL SLEEVE AND ARCHITECTURAL GRILLE PER MANUFACTURERS INSTRUCTIONS. SUPPORT FROM WALL PER MANUFACTURER'S REQUIREMENTS.
- SUPPORT DUCT HEATER FROM STRUCTURE AS REQUIRED BY THE MANUFACTURER.
- REFRIGERANT PIPING UP THROUGH ROOF. SEAL PENETRATION WEATHERTIGHT. ROUTE PIPE UP INSIDE WALL AS HIGH AS POSSIBLE AND ROUTE TO UNITS. SUPPORT UNIT FROM WALL AS REQUIRED BY MANUFACTURER'S REQUIREMENTS.
- WALL HEATER LOCATED IN UPPER CONTAINER. SUPPORT FROM STRUCTURE AS REQUIRED BY MANUFACTURERS.
- TRANSITION AND CONNECT 14"Ø GREASE DUCT TO EXHAUST HOOD WITH AS SHOWN. ROUTE DUCT UP THROUGH ROOF AND TOO EXHAUST FAN. OFFSET AS NECESSARY TO MISS ROOF STRUCTURE, AND TO MAINTAIN 10'-0" CLEARANCE FROM ALL OUTDOOR AIR INTAKES, AIMED AWAY FROM CONTIGUOUS BUILDING. ALL GREASE DUCT IS TO BE INSTALLED WITH DUCT WRAP AS DETAILED AND PER THE MANUFACTURERS REQUIREMENTS FOR 0" CLEARANCE TO COMBUSTIBLES.
- TRANSITION CONNECT GREASE DUCT TO EXHAUST FAN AS REQUIRED. OFFSET FAN AS REQUIRED TO MAINTAIN 10'-0" CLEARANCE FROM ALL OUTDOOR AIR INTAKES AND PROPERTY LINES.
- SLOPE GREASE DUCT 1/4"/FT TOWARDS HOOD AS REQUIRED.
- SUPPORT DUCTWORK ON ROOF AS REQUIRED.
- INSTALL 45" WIND BAND EXTENSION. POINTED AWAY FROM 2ND STORY STRUCTURE.



**ENGINEERS**  
INCORPORATED  
5720 Reeder  
Shawnee, KS 66203  
(913)262-1772

This drawing has been prepared by the Engineer, or under his supervision. This drawing is provided as an instrument of service by the Designer/Engineer and is intended for the use on this project only. Pursuant to the Architectural Works Copyright Protection Act of 1990, all drawings, specifications, ideas and designs, including the overall form, arrangement and composition of spaces and elements appearing hereon, constitute the original, copyrighted work of the Designer/Engineer. Any reproduction, use, or disclosure of information contained herein without prior written consent of the Engineer is strictly prohibited.  
© 2023 BC Engineers, Inc.

MISSOURI  
PE COA #2009003629

5/16/2023



BC PROJECT #23025

BOBS CONTAINERS  
11411 FM 812  
DEL VALLE TX 78617  
(361) 202-8508

A PROJECT FOR:

BLUE JEANS GOLF  
1501 E US HWY 40  
LEE'S SUMMIT, MO 64015

ISSUE DATE:

04/06/2023

REVISION:

05/16/2023

SHEET TITLE  
MECHANICAL  
FLOOR PLAN

**M1**



## ELECTRIC WALL HEATER SCHEDULE

MARK	MFGR	MODEL NO.	BTUH	ELECTRICAL		REMARKS
				VOLT/Ø/HZ	KW	
WH-1	MARKEL	HF3325TD-RP	T763	208/1/60	2.25	-

NOTES: 1. UNITS SHALL BE SURFACE MOUNTED.

2. PROVIDE INTEGRAL DISCONNECT &amp; INTEGRAL THERMOSTAT FOR EACH UNIT.

## LOUVER SCHEDULE

MARK	MFGR	MODEL	FRAME	SIZE W X H	NOTES
L-1	RUSKIN	ELF3T5DX	STD	14"x8"	1,2,3,4

NOTES: 1. PROVIDE WITH BIRDSCREEN.

2. ARCHITECT TO SELECT COLOR, PRIMED FOR FIELD PAINT.

3. NORMALLY CLOSED MOTORIZED DAMPER TO OPEN WITH EF, COORDINATE WITH ELECTRICAL.

4. PROVIDE WITH BACKDRAFT DAMPER.

## DUCT MOUNTED HEATER SCHEDULE

MARK	MFGR	MODEL NO.	DIMENSION W X H (IN)	BTUH	ELECTRICAL		NOTES
					VOLT/Ø/HZ	WATTS	
DH	INDECO	TFQU	14"x8"	21296	208/3/60	Ø KW	1

NOTES: 1. PROVIDE INTEGRAL DISCONNECT &amp; INTEGRAL THERMOSTAT FOR EACH UNIT.

## MINI SPLIT SYSTEM AC/HEAT PUMP CONDENSING UNIT SCHEDULE

MARK	MFGR	MODEL NO.	NOMINAL TONS	COOLING BTU/H	ELECTRICAL		SEER	NOTES
					VOLT/Ø/HZ	BREAKER SIZE (AMPS)		
MCU-1	AUX	FVR1DH-US	1.0	12,000	120/1/60	25	25	4 REQ'D

1. MECHANICAL CONTRACTOR SHALL COORDINATE ALL UNIT MOCPS OF ACTUAL INSTALLED EQUIPMENT WITH ELECTRICAL CONTRACTOR.

2. PROVIDE HAIL GUARDS, HEATED DRAIN PAN, EQUIPMENT STAND FOR EACH UNIT.

## MINI SPLIT SYSTEM AC INDOOR UNIT SCHEDULE

MARK	MFGR	INDOOR UNIT MODEL NO.	EVAP. CFM	NOMINAL TONS	ELECTRICAL		AHU WEIGHT (LBS)	OUTDOOR UNIT	REMARKS
					MCA (A)	VOLT/Ø/HZ			
AHU-1	AUX	ASM-12U3	353	1	1	120/1/60	30	CU-1	4 REQ'D

NOTES: 1. PROVIDE WIRED THERMOSTAT CONTROL, REFRIGERANT LINESETS, ELECTRICAL WHIPS, COORDINATE UNIT MOCP WITH ELECTRICAL CONTRACTOR.

## EXHAUST FAN SCHEDULE

MARK	MFGR	MODEL	CFM	EXTERNAL STATIC P. IN. WG.	RPM	ELECTRICAL		FAN TYPE	CONTROLS	NOTES
						VOLT/Ø/HZ	PAW			
EF-1	COOK	GC-542	250	0.25	1,600	120/1/60	85 W	CEILING EXH.	CONTINUOUS	1
EF-2		GC-542	250		1,600		85 W		CONTINUOUS	1
TF-1		GN-642	400		1,500		131 W		CONTINUOUS	2

NOTES: 1. PROVIDE CEILING GRILLE, INTEGRAL BACK DRAFT DAMPER, VARI-SPEED CONTROLLER (NEAR FAN AND ABOVE CEILING), FACTORY MEANS OF DISCONNECT AND WEATHER HEAD.

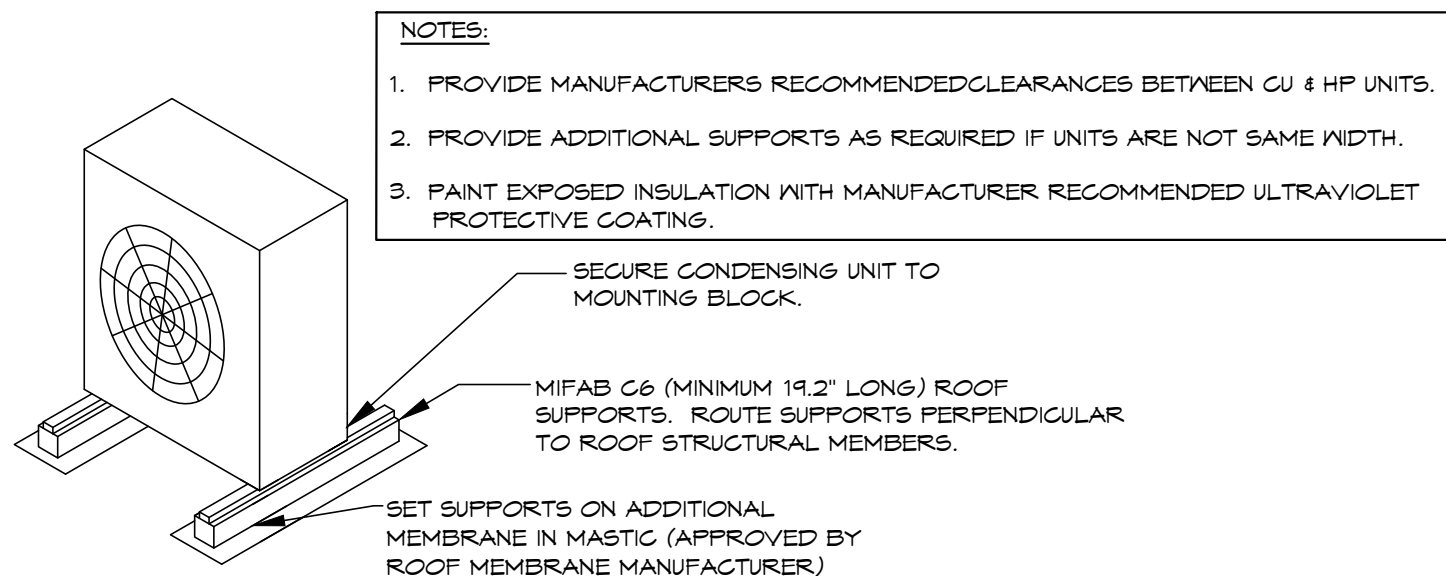
2. PROVIDE VARI-SPEED CONTROLLER NEAR FAN AND ABOVE CEILING.

## DIFFUSER SCHEDULE

MARK	MFGR	MODEL	BORDER TYPE	NECK SIZE	FACE SIZE	FINISH	DAMPER	ACCESSORIES	NOTES
SR-1	TITUS	300FS	1	8"x6"	-	WHITE	ØB DAMPER	-	

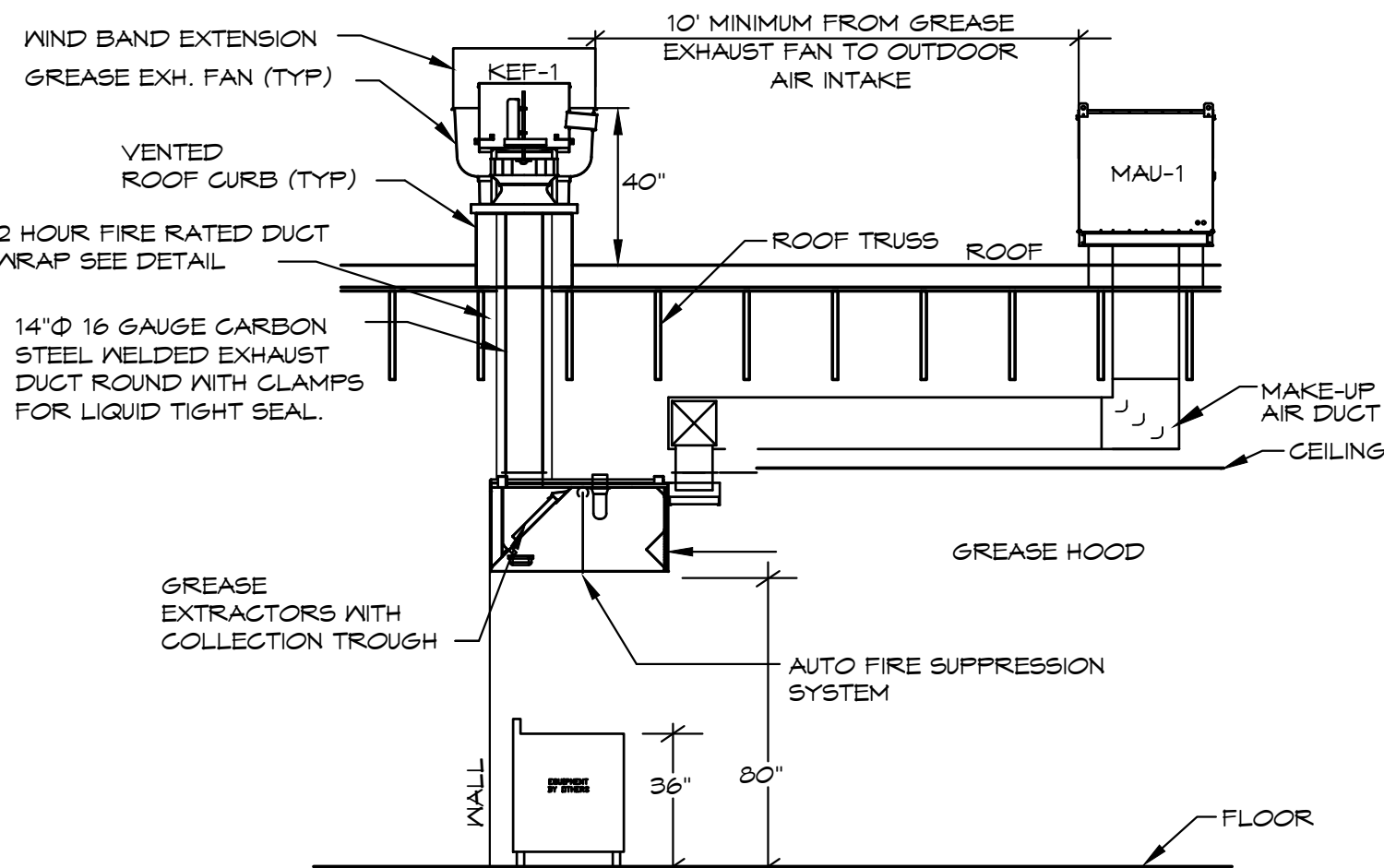
## WALL MOUNT AIR CONDITIONER UNIT SCHEDULE

MARK	MFGR	MODEL NO.	CFM	COOLING		HEATING		ELECTRICAL			OUTDOOR AIR CFM	EER	WEIGHT	NOTES
				TOTAL BTUH	AMB. EVAP. EAT DB/WB	TOTAL BTUH	KW	VOLT/Ø/HZ	MIN. MCA (AMPS)	MIN. MOCP (AMPS)				
MCU-1	BARD	WT2ACPB	2,400	71,000	95	51,180	15	230/3/60	54	60	650	10	600 LBS	1 UNIT TOTAL

NOTES: 1. PROVIDE WIRED THERMOSTAT CONTROL, WALL SLEEVE, REFRIGERANT LINESETS, ELECTRICAL WHIPS  
DAH 30X10 SUPPLY REGISTER AND DARIHG 30X16 RETURN AIR FILTER GRILLE, COORDINATE UNIT  
MOCP WITH ELECTRICAL CONTRACTOR.

## ROOF CONDENSING UNIT MOUNTING DETAIL

SCALE: NONE



## GREASE HOOD DETAIL

SCALE: NONE

## FIRE RATED ENCLOSURE - GREASE DUCTS

1.THERMAL CERAMICS FIREMASTER FASTWRAP XL IS TESTED TO ASTM E2336 AND UL LISTED PER HNKT.G18 TO PROVIDE ZERO CLEARANCE TO COMBUSTIBLES AND TO PROVIDE A 1- OR 2- HOUR ENCLOSURE. THROUGH PENETRATIONS FIRESTOP SYSTEMS ARE TESTED IN ACCORDANCE WITH ASTM E 814 (UL 1479). ICC-ES APPROVAL PER REPORT ESR 2213 OR ESR 2832.

2. COMPLIANT TO THE FOLLOWING CODES:

NFPA 96  
INTERNATIONAL MECHANICAL CODES  
UNIFORM MECHANICAL CODE.  
CALIFORNIA MECHANICAL CODE

3. INSULATION APPLIED IN TWO LAYERS WITH TIGHT COMPRESSION JOINT ON BOTH LAYERS AT ALL JOINTS.

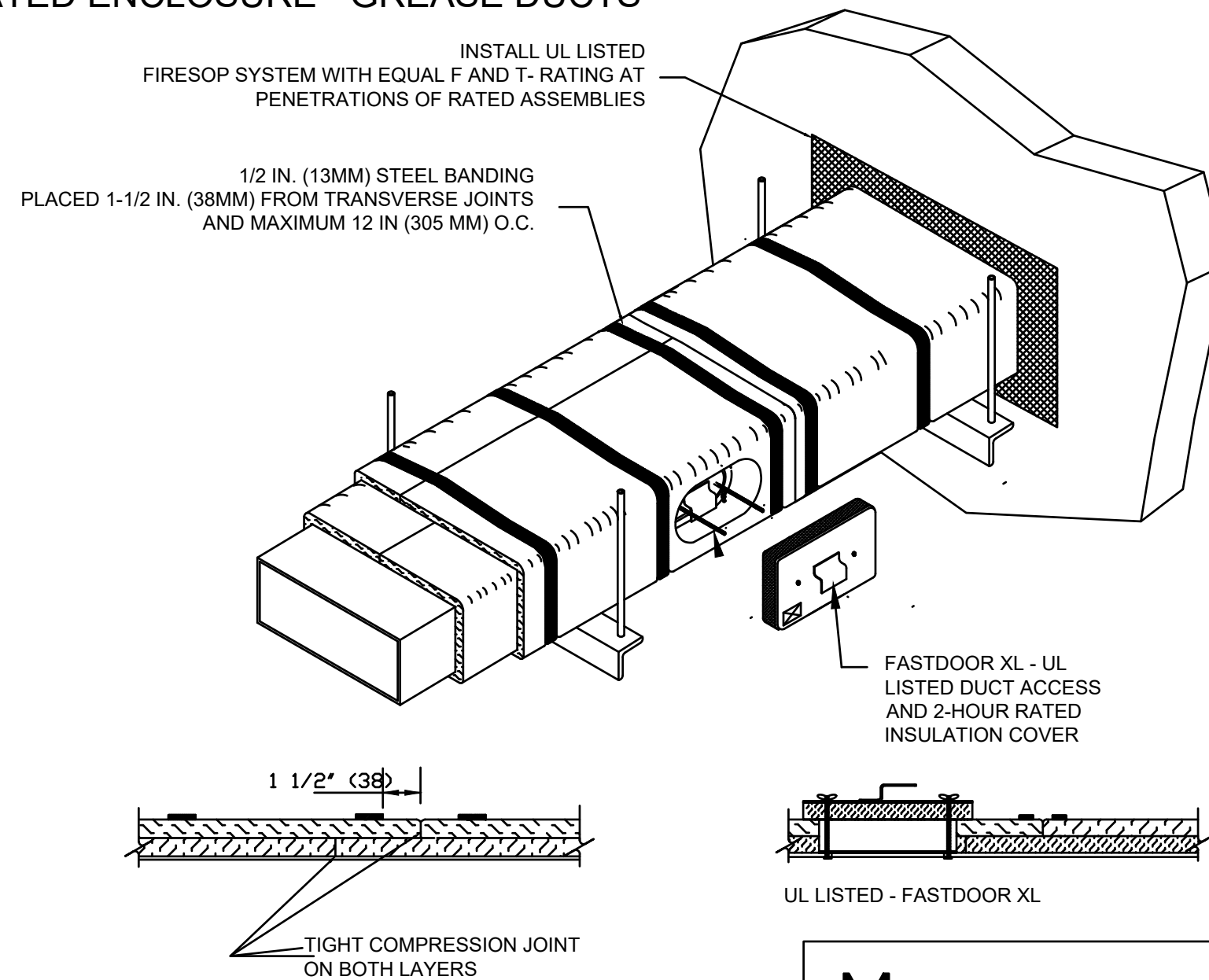
4. MINIMUM 16 GAUGE CARBON STEEL (OR 18 GAGE STAINLESS STEEL) RECTANGULAR OR ROUND GREASE EXHAUST DUCT

5. INSTALL UL LISTED AND LIQUID TIGHT THERMAL CERAMICS FASTDOOR XL ACCESS DOORS AT ALL CHANGES IN DIRECTION AND AT MINIMUM EVERY 20 FT ON HORIZONTAL RUNS.

6. SUPPORT HANGER SYSTEMS DO NOT NEED TO BE WRAPPED PROVIDED THE HANGER RODS ARE MINIMUM OF 3/8 IN. DIAMETER AND SUPPORTS ARE MINIMUM 2 X 2 X 1/8 IN. STEEL ANGLE OR SMACNA EQUIVALENT SUPPORT SYSTEM.

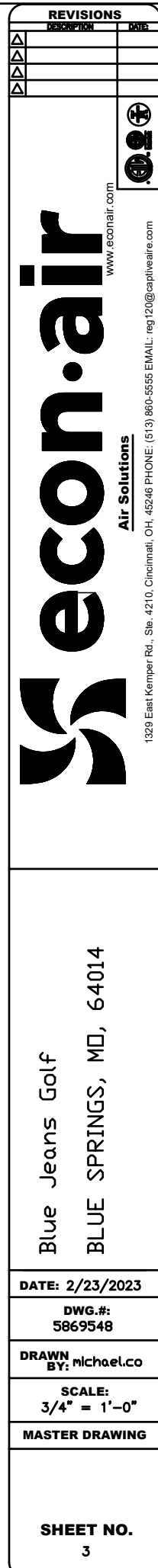
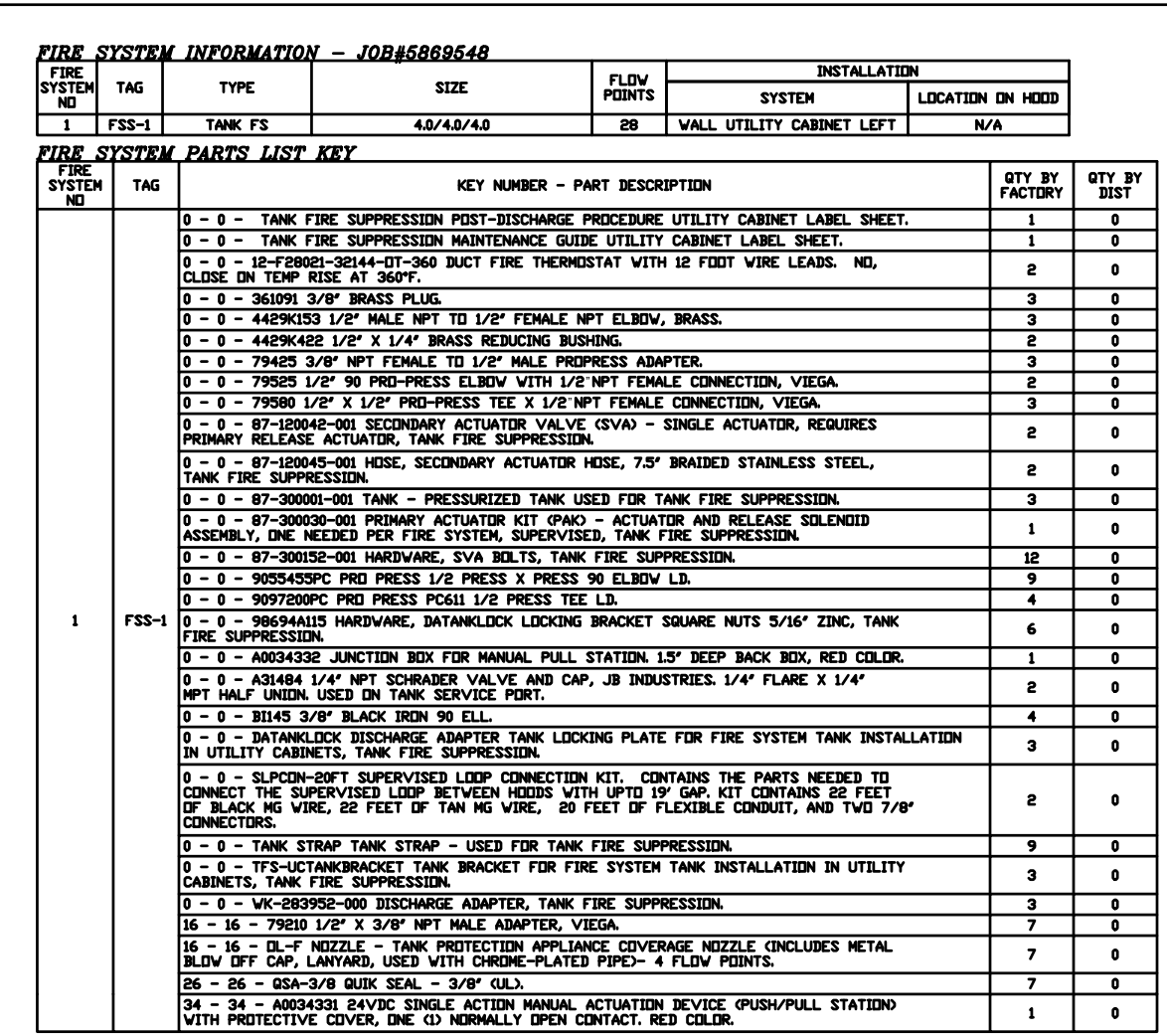
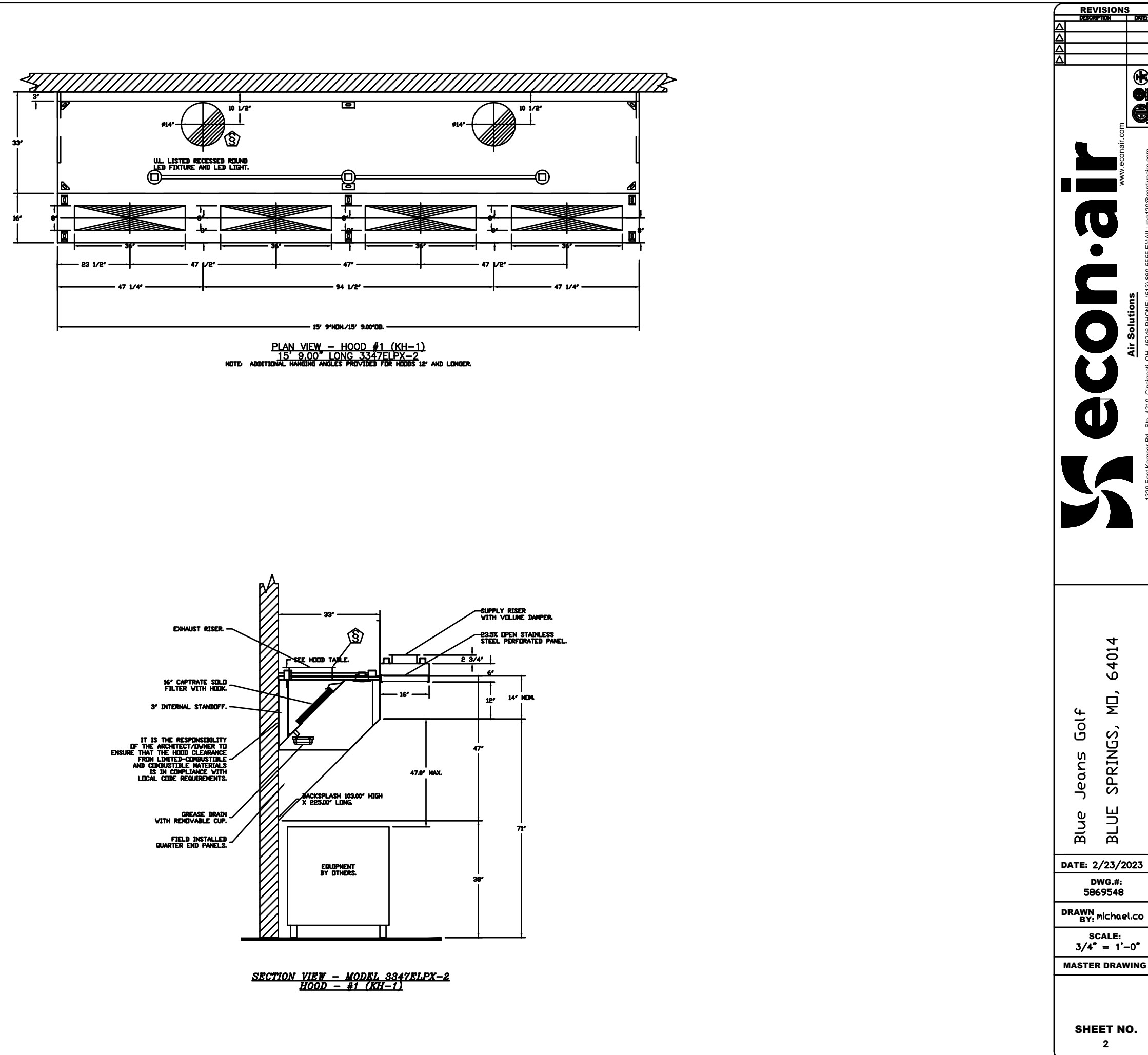
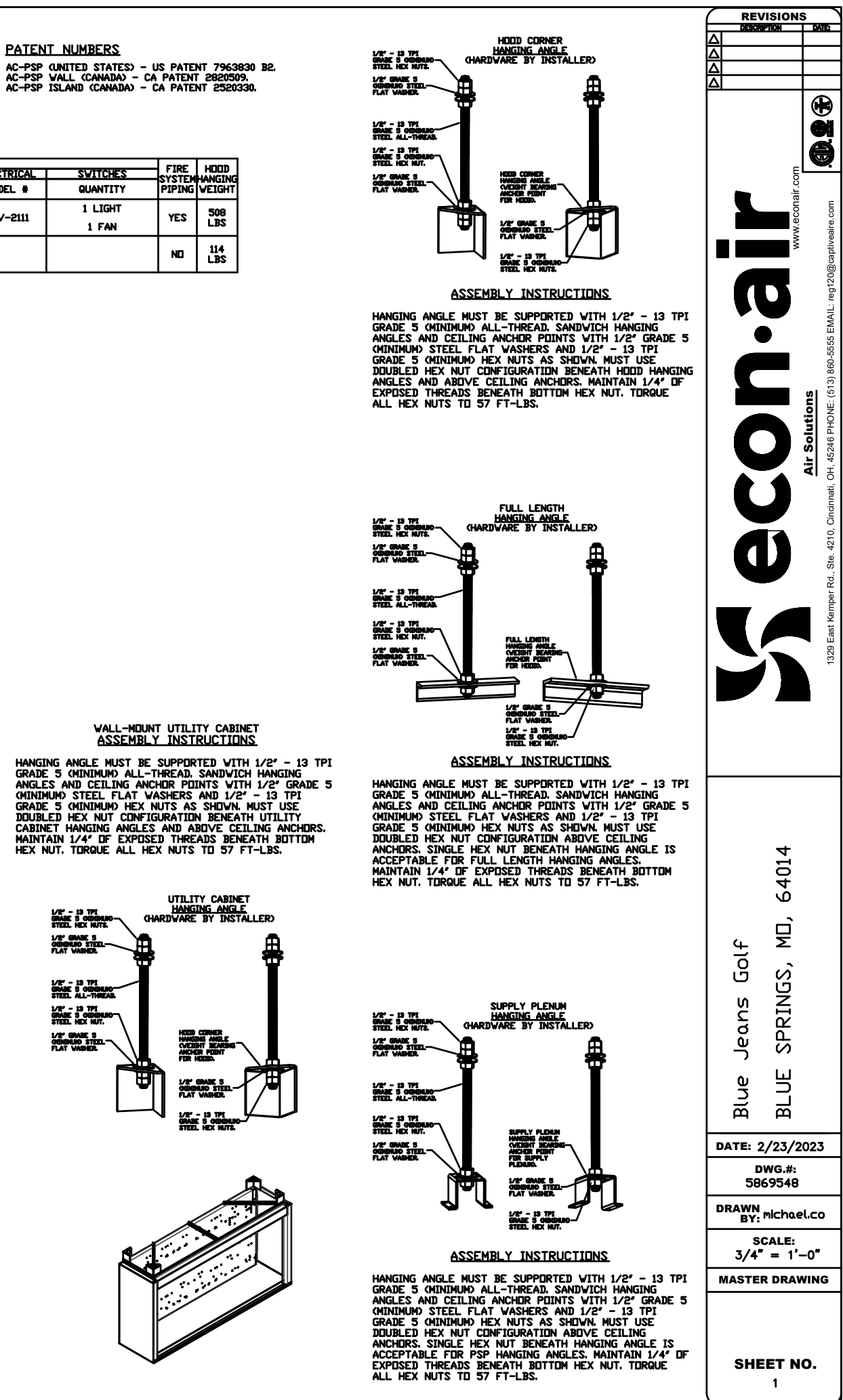
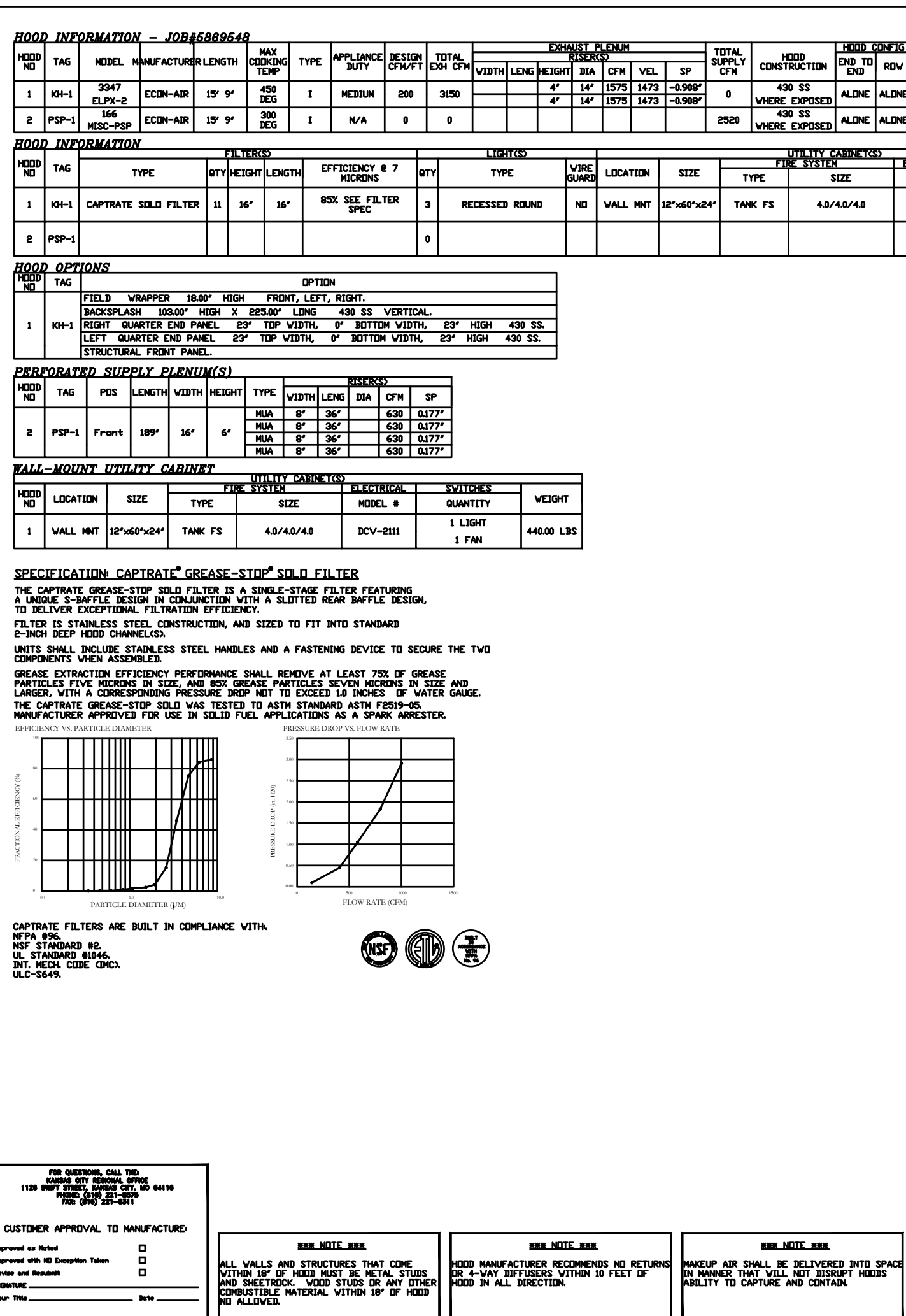
7. THERMAL CERAMICS DUCT WRAP SHALL BE INSTALLED DIRECTLY ONTO THE DUCT AND APPLIED FROM THE HOOD CONNECTION TO THE CONNECTION TO THE FAN.

8. THERMAL CERAMICS DUCT ENCLOSURE SYSTEM SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND UL LISTINGS.

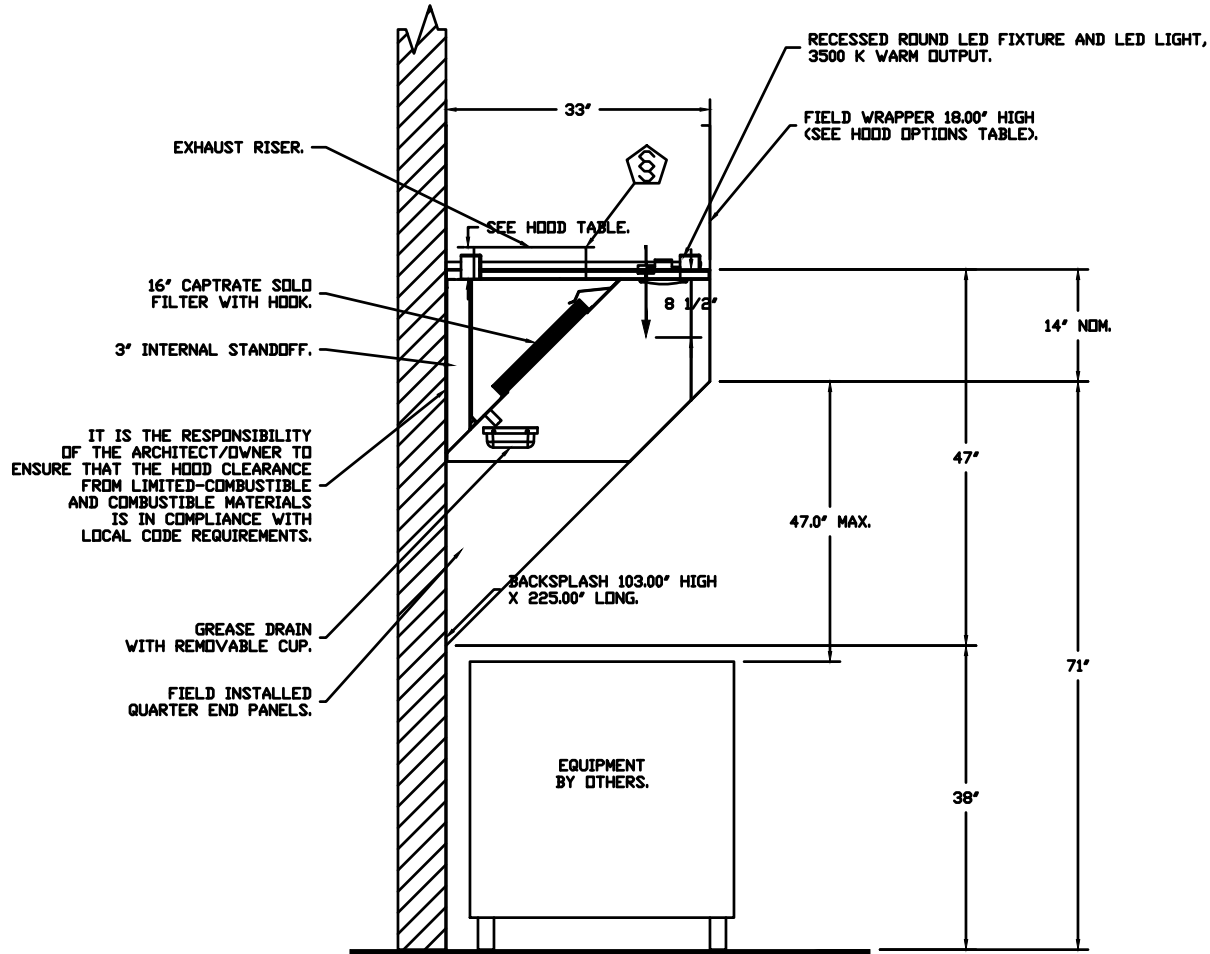
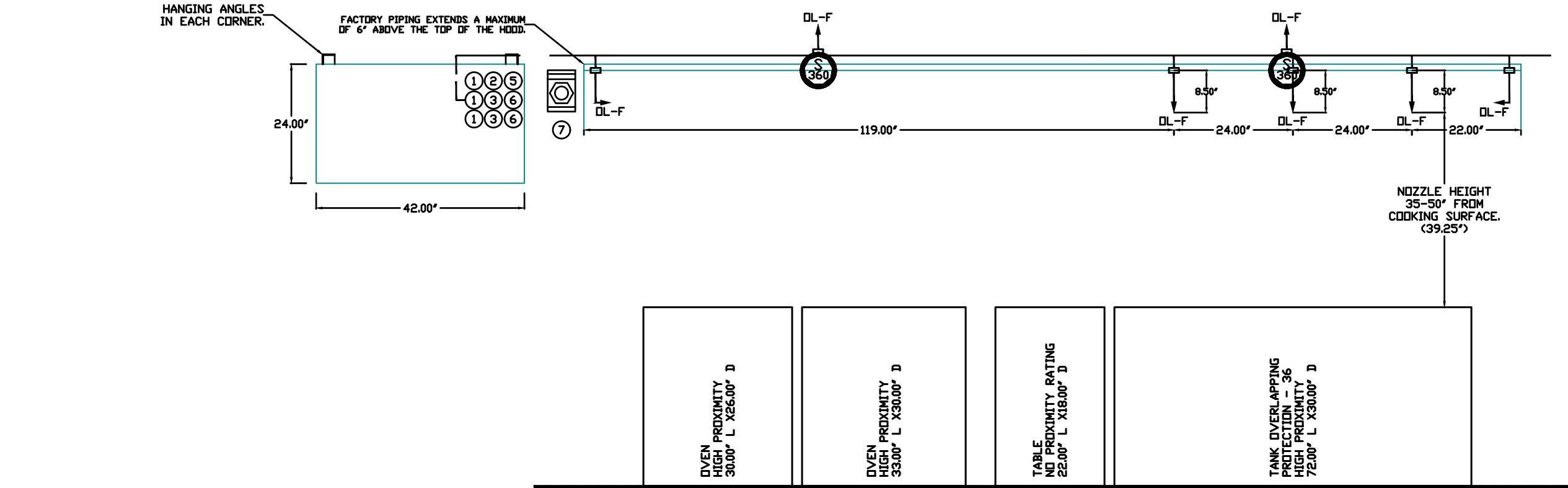
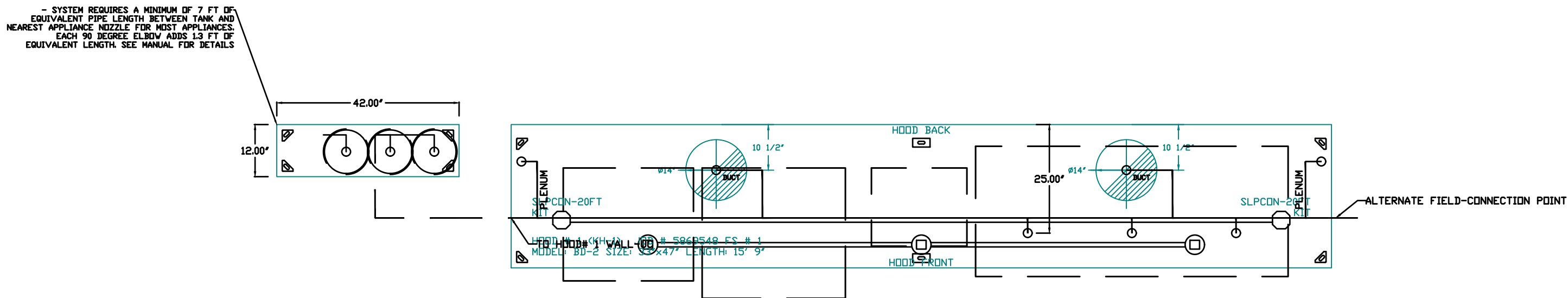


P.O. Box 923  
Augusta, Georgia 30903-0923  
Phone: (706) 560-4038









SECTION VIEW — MODEL 3347BD-2  
HOOD — #1

- NOTES
- FIELD PIPE DROPS AS SHOWN
  - PIPING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY CAS.
  - FIELD INSTALLED DROP. FACTORY WILL PROVIDE QTY 2 60IN LONG PIECES OF CHROME PLATED PIPING SHIPPED LOOSE TO BE FIELD-INSTALLED.
  - SHIP LOOSE DROP. FACTORY WILL PROVIDE THE EXACT CHROME PIPE LENGTH NEEDED SHIPPED LOOSE TO BE FIELD-INSTALLED.
  - RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELVEING, SALAMANDERS, ETC.
  - OVERLAPPING COVERAGE SHALL NOT BE USED ON ANY APPLIANCE WITH AN OBSTRUCTION.
  - IF APPLICABLE, EXTENDED PRE-PIPED DROPS ARE SHIPPED LOOSE.
  - FACTORY PIPING EXTENDS A MAXIMUM OF 6' ABOVE THE TOP OF THE HOOD.
  - APPLIANCE DIMENSIONS LISTED REPRESENT THE COOKING SURFACE SIZE, NOT THE OVERALL APPLIANCE SIZE.
  - THIS FIRE SYSTEM COMPLIES WITH U.L. 300 REQUIREMENTS.
  - DL-F NOZZLE PART NUMBER REPLACES 3070-3/8H-10-SS

JOB #: 5869548.  
JOB NAME: BLUE JEANS GOLF.


SYSTEM SIZE: TANK-SP-3-WC. TOTAL FP REQUIRED: 28.  
HOOD # 1 15' 9.00' LONG x 33' WIDE x 47' HIGH.  
RISER # 1 SIZE: 14\"/>

- HEAVY-DUTY APPLIANCES (RATED 600°F) WILL REQUIRE AN ADDITIONAL DOWNSTREAM FIRESTAT IN THE EVENT THAT THE DUCTWORK CONTAINS ANY HORIZONTAL RUNS OVER 25 FT IN LENGTH.
- MEDIUM TO LIGHT-DUTY APPLIANCES (RATED 450°F) WILL NOT REQUIRE ANY ADDITIONAL DOWNSTREAM DETECTION.

LEGEND — FIRE CABINET TANK SYSTEM

- 1 4 GALLON TANK.
- 2 PRIMARY ACTUATOR RELEASE.
- 3 SECONDARY ACTUATOR RELEASE.
- 4 PRESSURE SUPERVISION SWITCH.
- 5 PRIMARY HOSE ASSEMBLY.
- 6 SECONDARY HOSE ASSEMBLY.
- 7 REMOTE MANUAL ACTUATION DEVICE.

REVISIONS	
DESCRIPTION	DATE



www.econair.com

Air Solutions

1328 East Kemper Rd., Ste. 4210, Cincinnati, OH 45246 PHONE: (513) 860-5555 EMAIL: reg120@caplivesire.com

Blue Jeans Golf

BLUE SPRINGS, MO, 64014

DATE: 2/23/2023

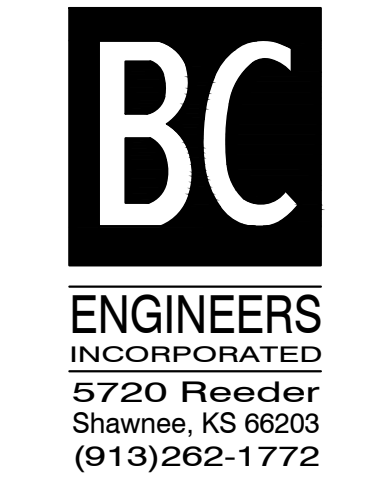
DWG.#: 5869548

DRAWN BY: michael.co

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

MASTER DRAWING


SHEET NO. 4



5720 Reeder  
Shawnee, KS 66203  
(913)262-1772

This drawing has been prepared by the Engineer, or under his supervision. This drawing is provided as an instrument of service by the Designer/Engineer and is intended for the use on this project only. Pursuant to the Architectural Works Copyright Protection Act of 1990, all drawings, specifications, ideas and designs, including the overall form, arrangement and composition of spaces and elements appearing hereon constitute the original, copyrighted work of the Designer/Engineer. Any reproduction, use, or disclosure of information contained herein without prior written consent of the Engineer is strictly prohibited.  
© 2023 BC Engineers, Inc.

MISSOURI  
PE COA #2009003629  
4/5/2023



BC PROJECT #23025

BOBS CONTAINERS  
11411 FM 812  
DEL VALLE, TX 78617  
(361) 202-8508

A PROJECT FOR:  
BLUE JEANS GOLF  
1501 E US HWY 40  
LEE'S SUMMIT, MO 64015

ISSUE DATE: 04/06/2023

REVISION:

SHEET TITLE  
MECHANICAL HOOD  
SHEETS

M4



EXHAUST FAN INFORMATION – JOB#5869548

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SDNES
1	KEF-1	1	EADU85H	ECON-AIR	1575	1.200	1391	TEAD-ECM	1.000	0.4730	1	208	6.9	498 FPM	131	12.1
2	KEF-2	1	USB113DD-RM	CAPTIVEAIRE	1575	1.000	1567	TEAD-ECM	1.000	0.5180	1	208	6.9	1379 FPM	219	13.4

MUA FAN INFORMATION – JOB#5869548

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	BLOWER	HOUSING	MIN CFM	DESIGN CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	MCA	MDCP	WEIGHT (LBS)	SDNES
3	MAU-1	1	E2-E.452-20D	20MF-2-MDD	A2-E.452	2000	2520	0.500	1036	ODD,PREMIUM	1.000	0.6280	3	230	3.4	5.3A	15A	637	7.3

ELECTRIC MAKE-UP AIR UNIT(S)

FAN UNIT NO	TAG	DSGN KW'S	MAX KW'S	PHASE	VOLTS	AMPERAGE	TEMP RISE	OUTPUT BTUs
3	MAU-1	43	44	3	240	106.0	55 °F	150172

FAN OPTIONS

FAN UNIT NO	TAG	QTY	DESCRIPTION
1	KEF-1	1	GREASE BOX
		1	EXHAUST FAN HEAT BAFFLE
		1	FAN BASE CERAMIC SEAL – INSTALLED AT PLANT – FOR GREASE DUCTS
		1	ECM WIRING PACKAGE – PWM SIGNAL FROM ECPMB3 PREWIRE (TELCO MOTOR), CCW ROTATION
		1	45° WIND BAND EXTENSION 15 (SHIPS LOOSE). ADDS 3 WEEKS TO FAN LEAD TIME
		1	2 YEAR PARTS WARRANTY
2	KEF-2	1	BI13 – INLET SERVICE DUCT CONNECTION. USED TO CONNECT TO STANDARD 14” GREASE DUCT OR FIELD WELDED DUCT. INCLUDES (2) 7” RISERS BOLTED TO STANDARD INLET RISER
		1	UTILITY SET GREASE CUP
		1	BI13 – INLET CONNECTION STANDARD 14” FLANGED GREASE DUCT
		1	UTILITY SET – SPRING VIBRATION ISOLATORS – BI11 THRU BI15 / EQUIVALENT SIZED
		1	UTILITY SET – INDDOR/OUTDOOR USE
		1	BI – DISCHARGE ORIENTATION VERTICAL UPPER LEFT – CW INLET SIDE
		1	BI13 – 14” DISCHARGE ADAPTER
		1	ECM WIRING PACKAGE – PWM SIGNAL FROM ECPMB3 PREWIRE (TELCO MOTOR), CCW ROTATION
3	MAU-1	1	2 YEAR PARTS WARRANTY
		1	EH 2 MUA CONTROLS SHEET METAL
		1	MOTORIZED BACKDRAFT DAMPER FOR A2-D HOUSING – MEETS AMCA CLASS 1A RATING
		1	FREEZESTAT (10)
		1	OPPOSITE SIDE ELECTRIC HEATER CONTROLS
		1	CUSTOM KW COIL (ADDITIONAL 3 WEEKS LEAD TIME)
		1	SEPARATE 120V WIRING PACKAGE (REQUIRED AND USED ONLY FOR DCV OR PREWIRE WITH VFD) – THREE PHASE ONLY
		1	2 YEAR PARTS WARRANTY

FAN ACCESSORIES

FAN UNIT NO	TAG	EXHAUST			SUPPLY			
		GREASE CUP	GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT
1	KEF-1	YES						
2	KEF-2	YES						
3	MAU-1				YES		YES	

CURB ASSEMBLIES

NO	ON FAN	TAG	WEIGHT	ITEM	SIZE
1	# 1	KEF-1	36 LBS	CURB	23.000”W X 23.000”L X 20.000”H ALONG LENGTH, RIGHT VENTED HINGED.
2	# 2	KEF-2	36 LBS	RAIL	4.000”W X 36.000”L X 12.000”H ALONG WIDTH, RIGHT COMES AS A SET OF 2.
3	# 3	MAU-1	76 LBS	CURB	31.000”W X 79.000”L X 15.000”H ALONG WIDTH, RIGHT INSULATED.

REVISIONS

DESCRIPTION	DATE:
△	
△	
△	
△	

www.econair.com

BC

ENGINEERS INCORPORATED

5720 Reeder

Shawnee, KS 66203

(913)262-1772

This drawing has been prepared by the Engineer, or under his supervision. This drawing is provided as an instrument of service by the Designer/Engineer and is intended for the use on this project only. Pursuant to the Architectural Works Copyright Protection Act of 1990, all drawings, specifications, ideas and designs, including the overall form, arrangement and composition of spaces and elements appearing herein, constitute the original, copyrighted work of the Designer/Engineer. Any reproduction, use, or disclosure of information contained herein without prior written consent of the Engineer is strictly prohibited.

© 2023 BC Engineers, Inc.

MISSOURI

PE COA #2009003629

5/16/2023

STATE OF MISSOURI

ERIK B. KNUDSEN

NUMBER

PE-200402600

BC PROJECT #23025

BOBS CONTAINERS

1141 FM 812

DEL VALLE TX 78617

(361) 202-8508

A PROJECT FOR:

BLUE JEANS GOLF

BLUE SPRINGS, MO, 64014

LEE'S SUMMIT, MO 64015

DATE:

5/2/2023

DWG.#:

5869548

DRAWN BY:

michael.co

SCALE:

3/4" = 1'-0"

MASTER DRAWING

SHEET NO.

5

A PROJECT FOR:

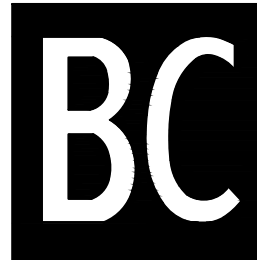
BLUE JEANS GOLF  
1501 E US HWY 40  
LEE'S SUMMIT, MO 64015

ISSUE DATE:  
04/06/2023  
REVISION:  
△ 05/16/2023

SHEET TITLE  
MECHANICAL HOOD  
SHEETS

M5





**ENGINEERS**  
**INCORPORATED**  
5720 Reeder  
Shawnee, KS 66203  
(913)262-1772

This drawing has been prepared by the Engineer, or under his supervision. This drawings is provided as an instrument of service by the Designer/Engineer and is intended for the use on this project only. The drawings are the property of the Designer/Engineer. Under the Copyright Protection Act of 1990, all drawings, specifications, ideas and designs, including the overall form, arrangement and construction of any elements appearing herein, constitute the original, copyrighted work of the Designer/Engineer. Any reproduction, use, or disclosure of information contained herein without prior written consent of the Engineer is strictly prohibited.

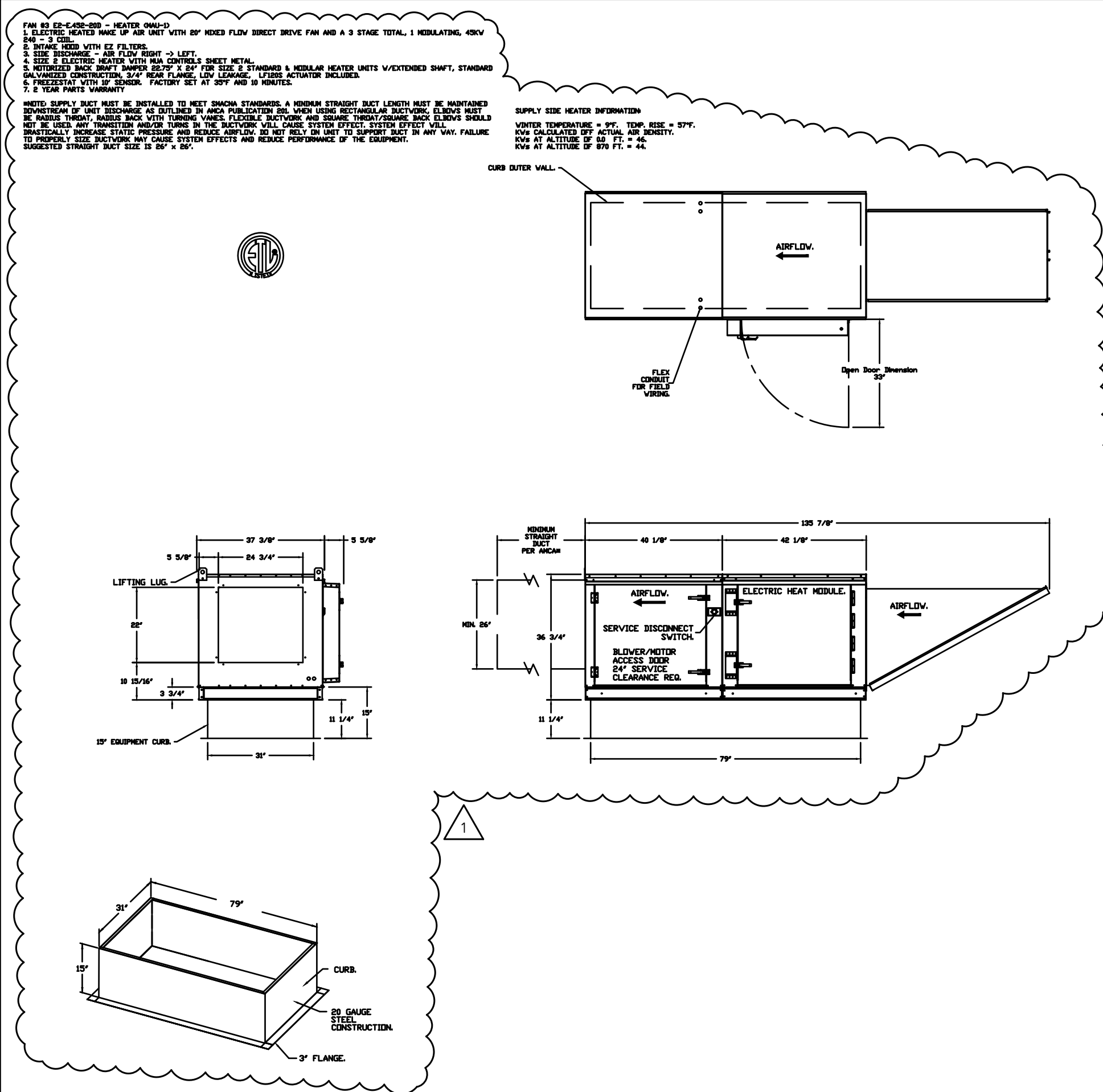
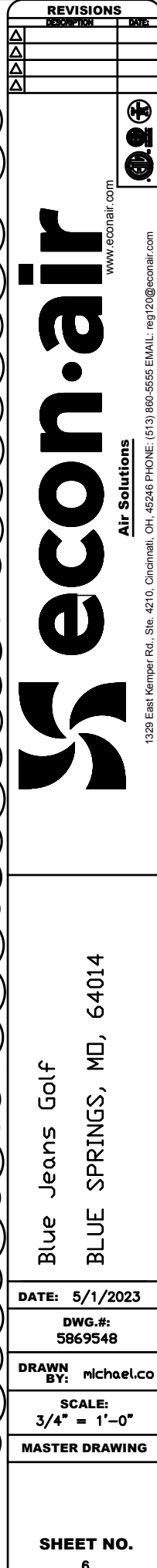
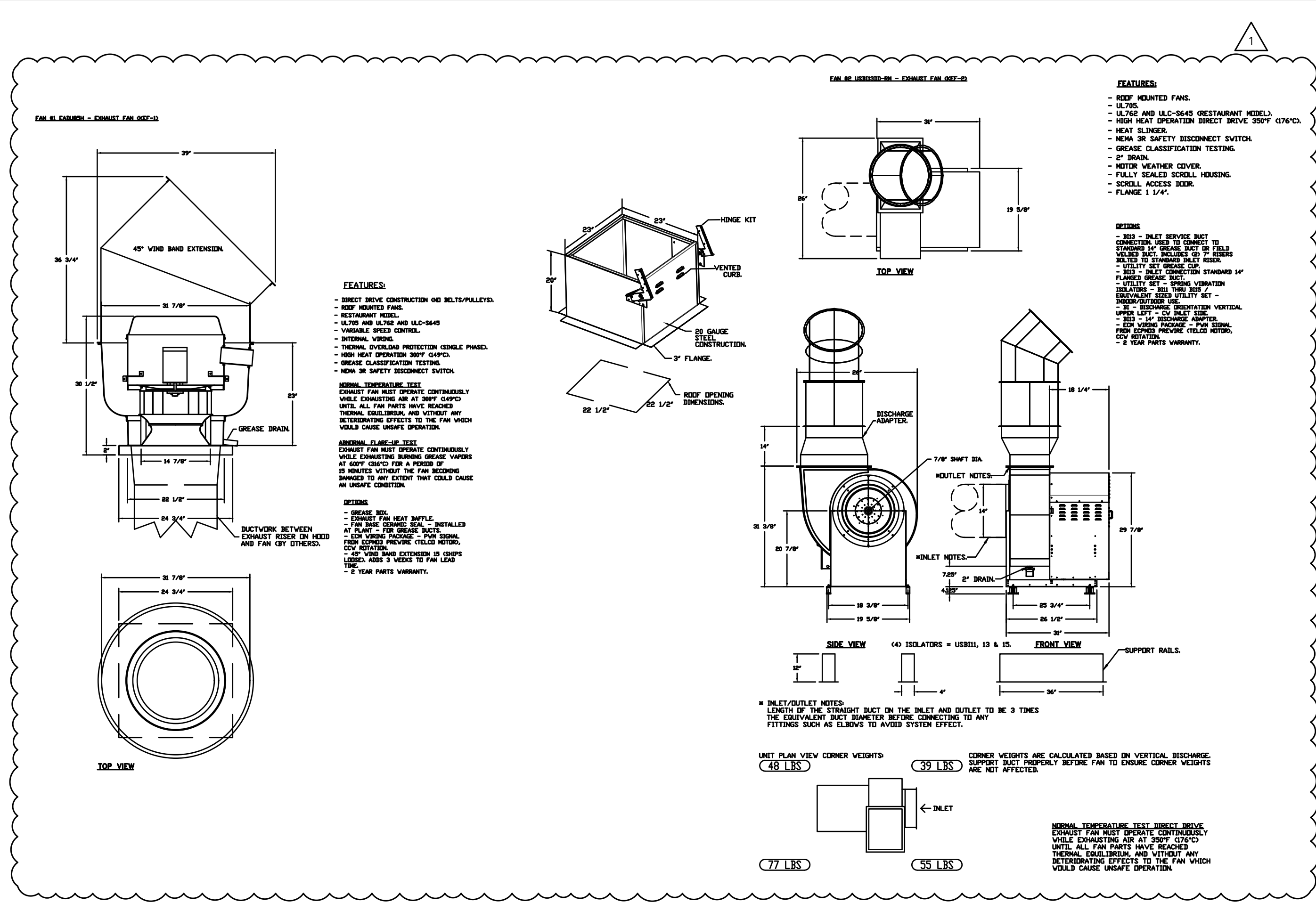
MISSOURI  
PE COA #2009003629

**5/16/2023**

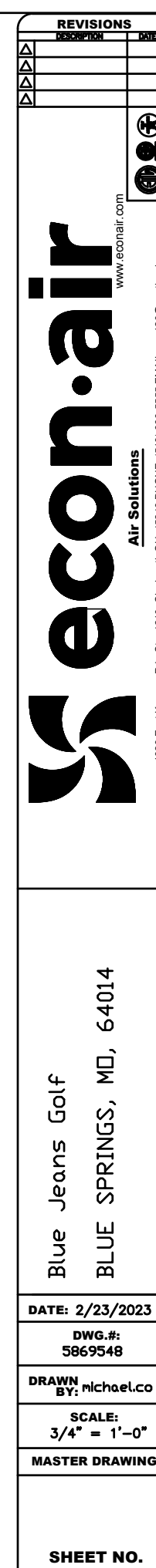
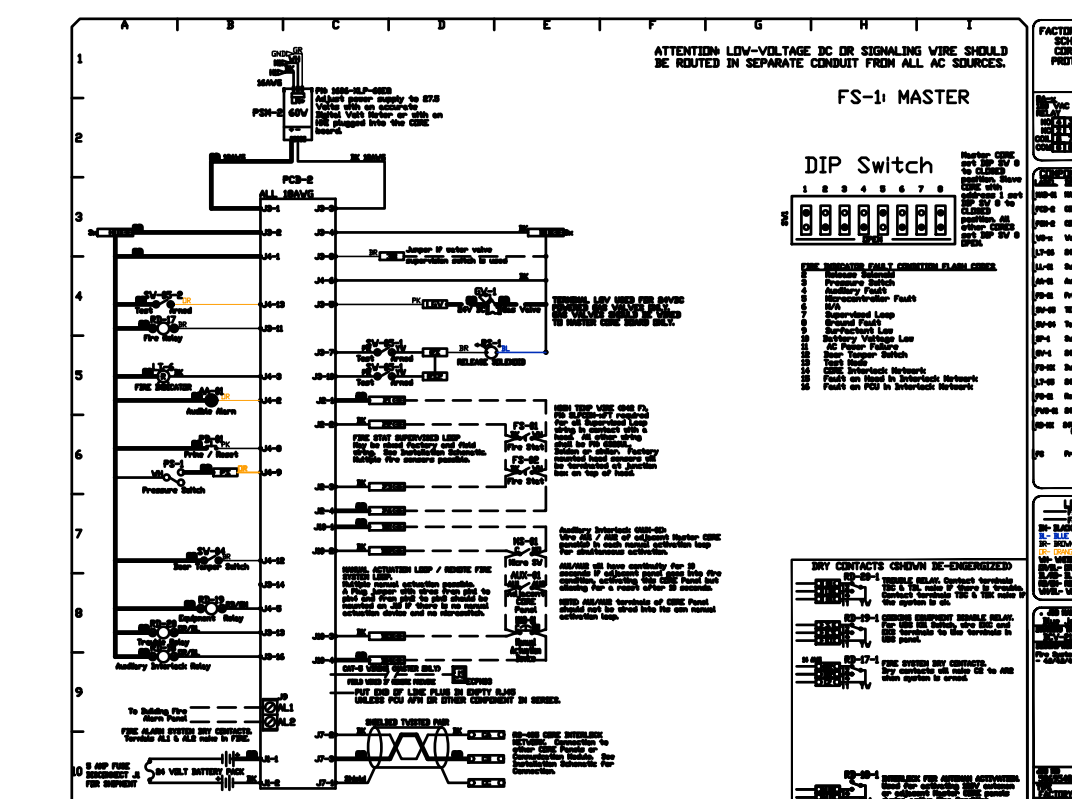
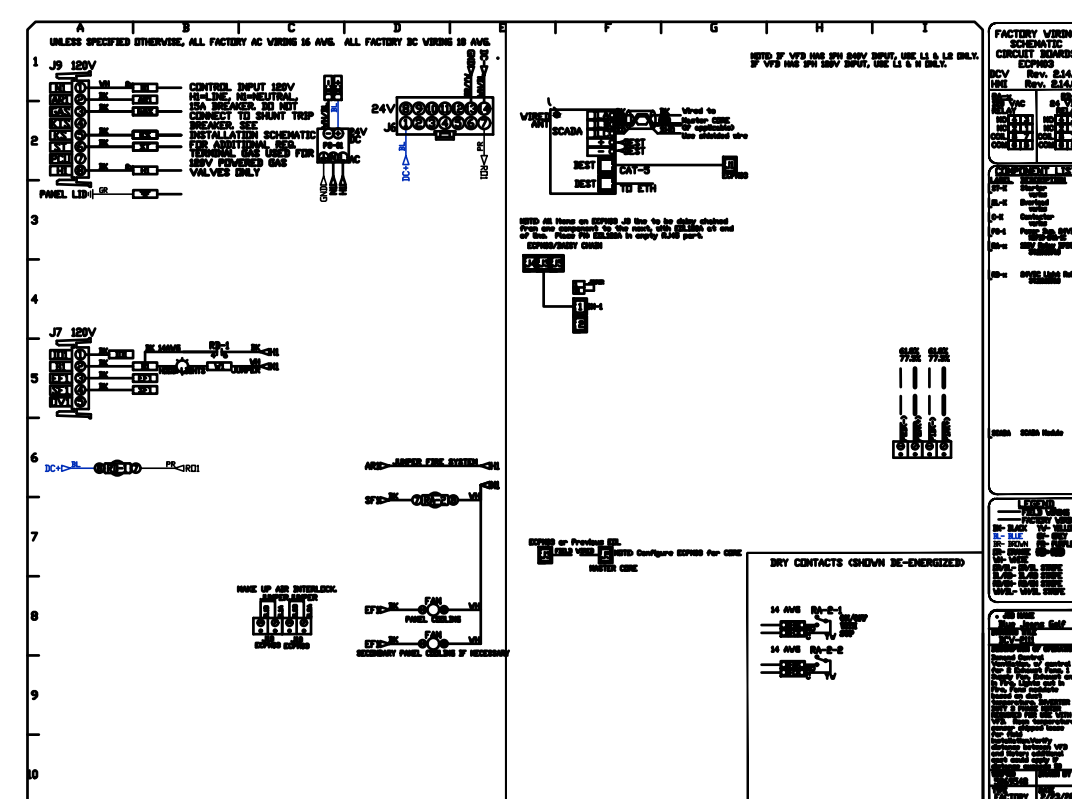
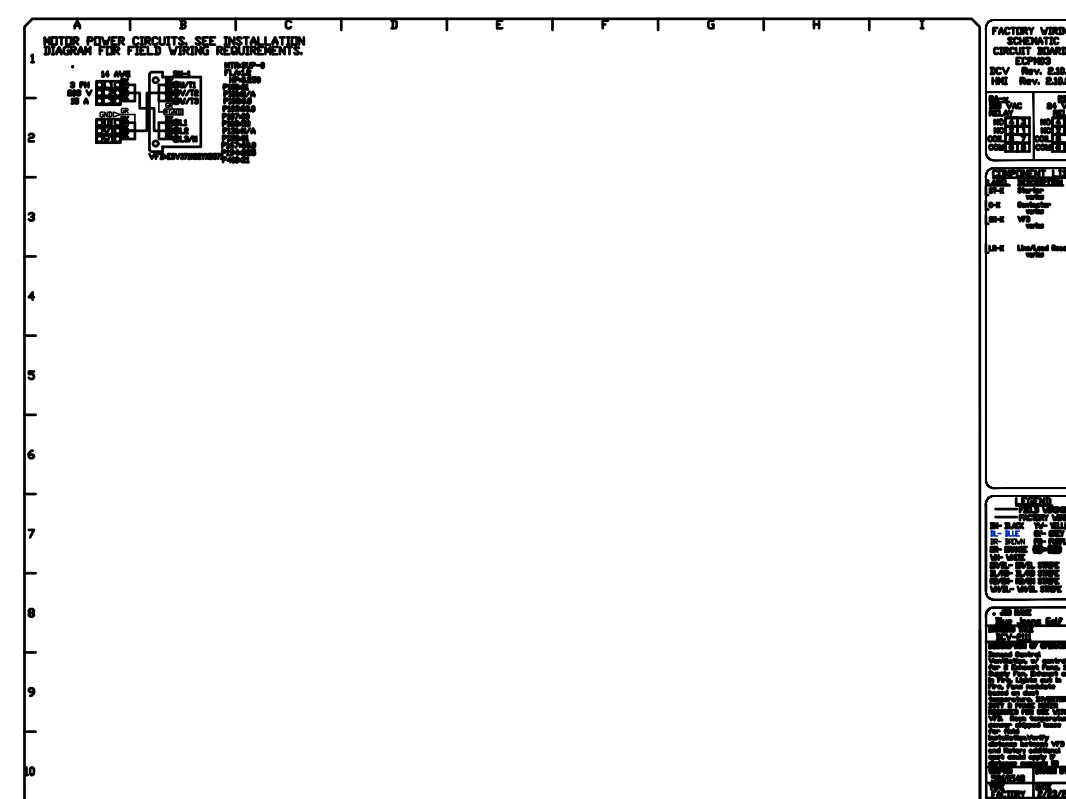
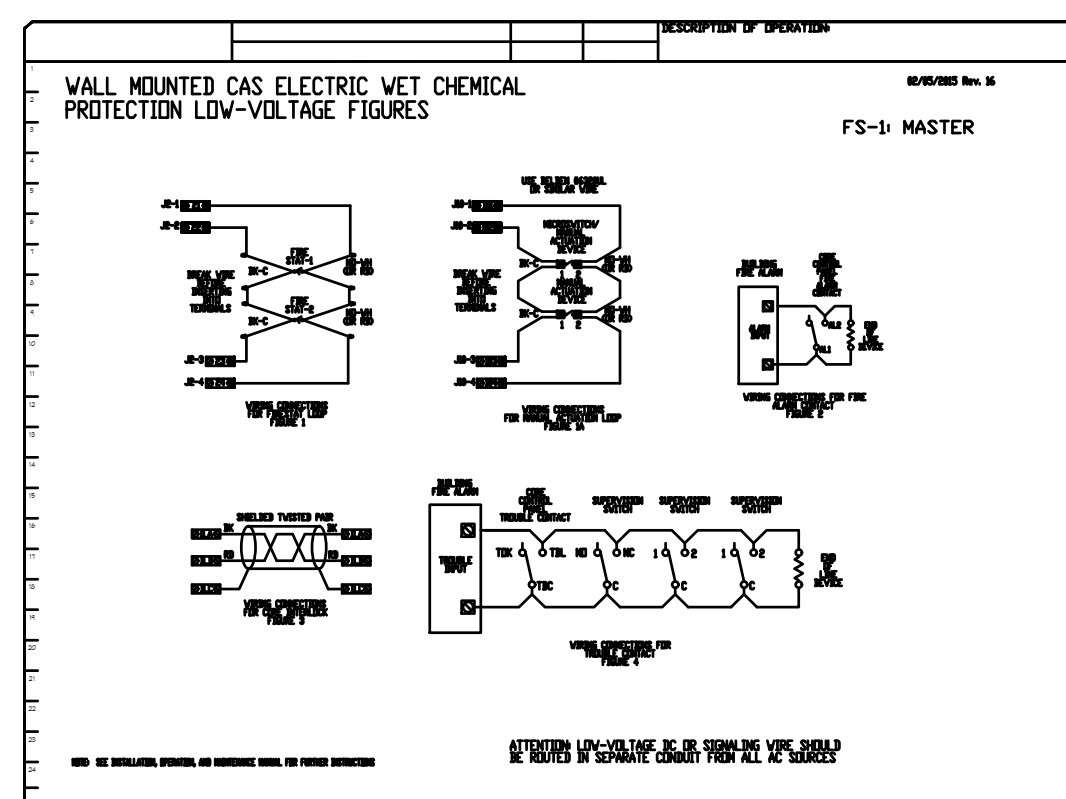
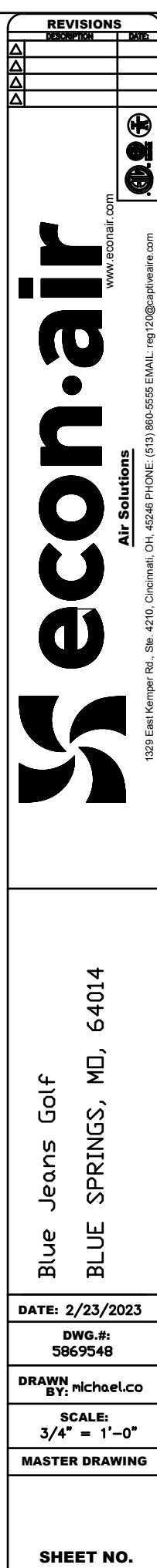
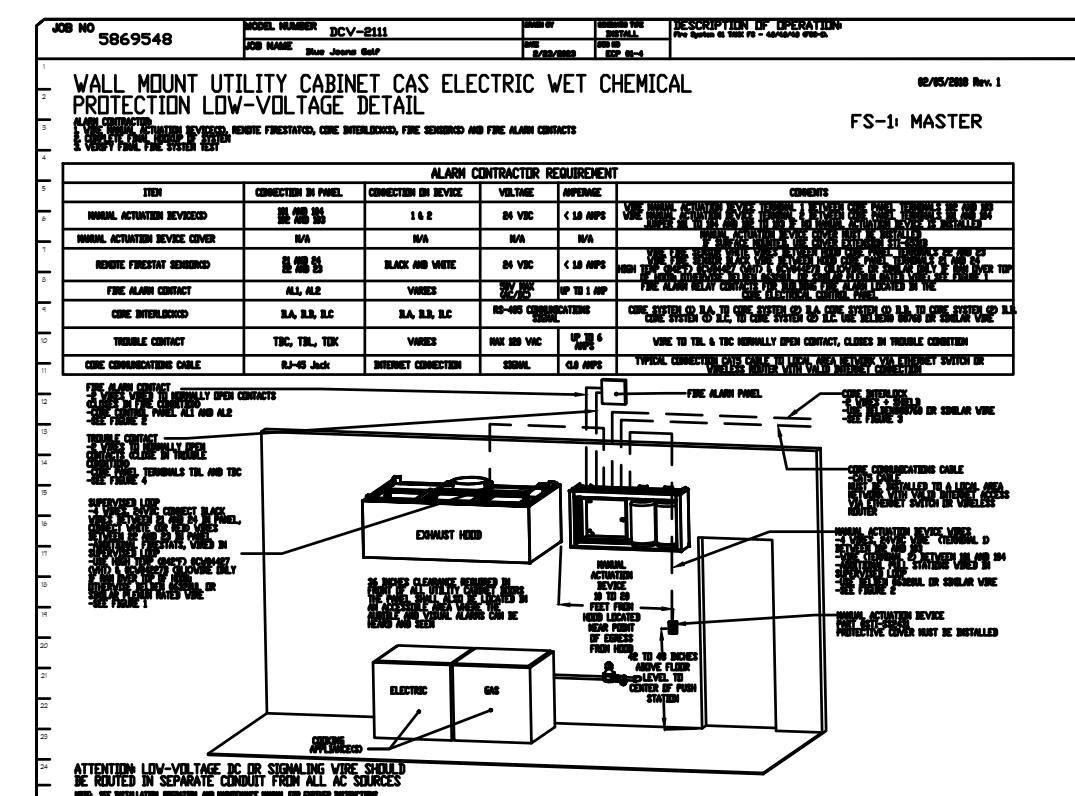
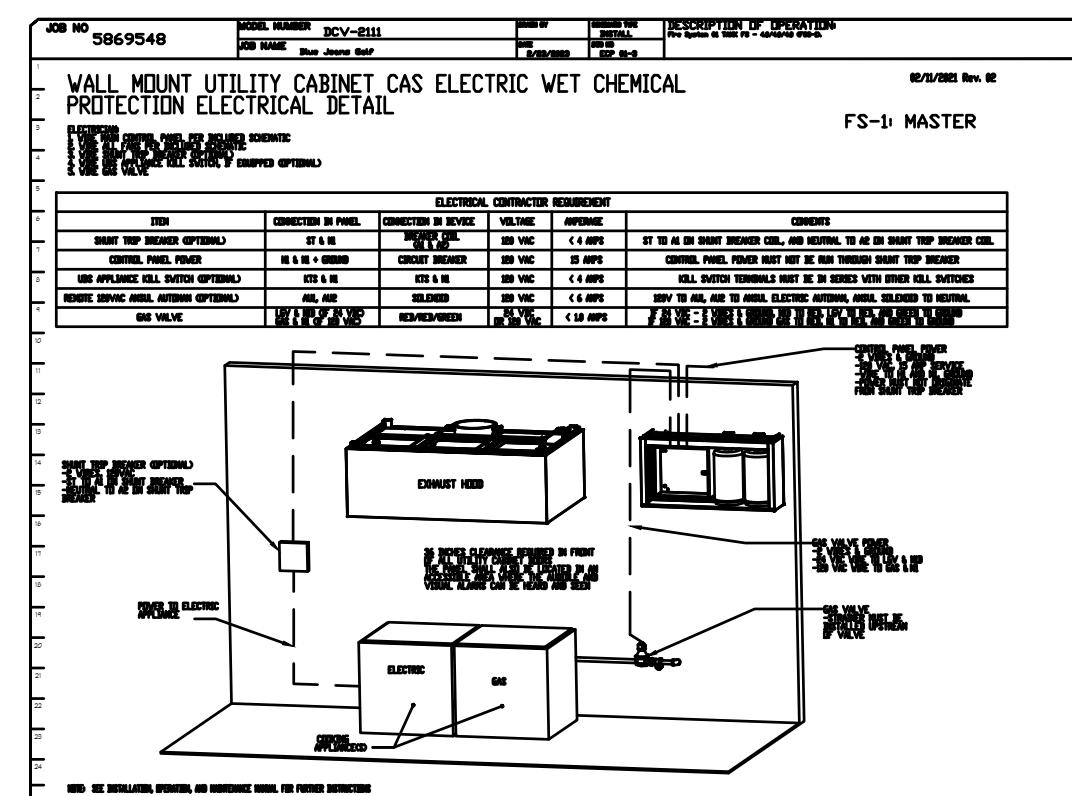
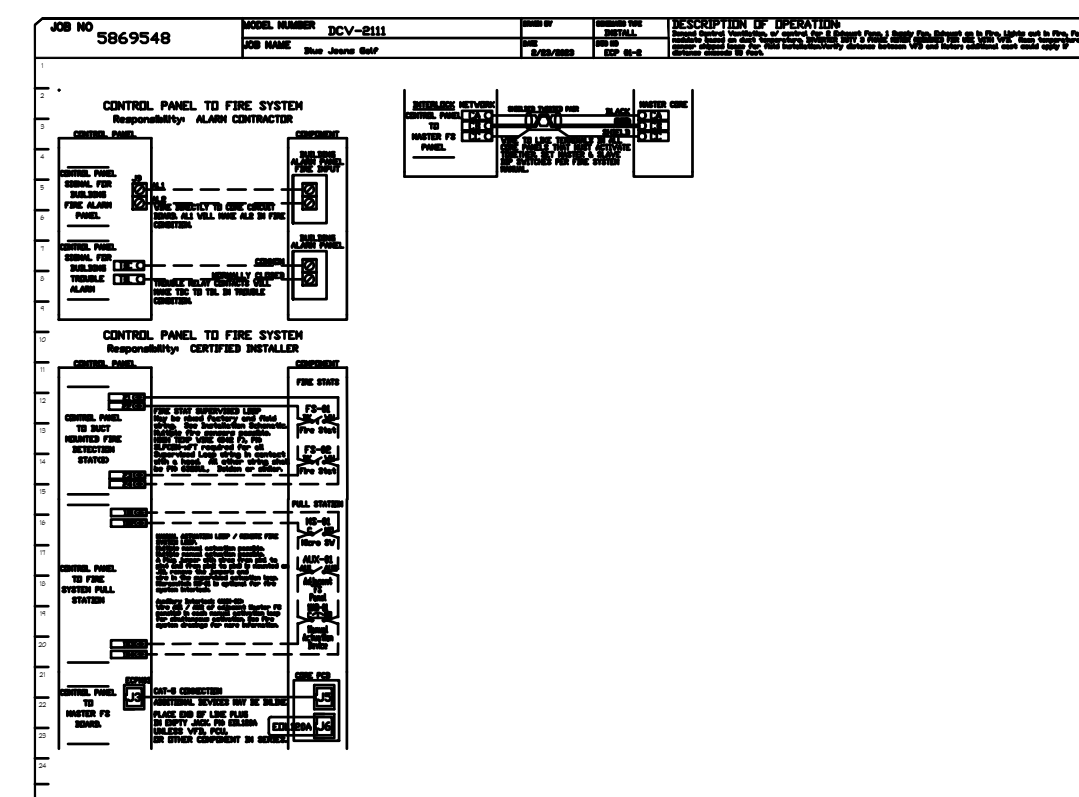
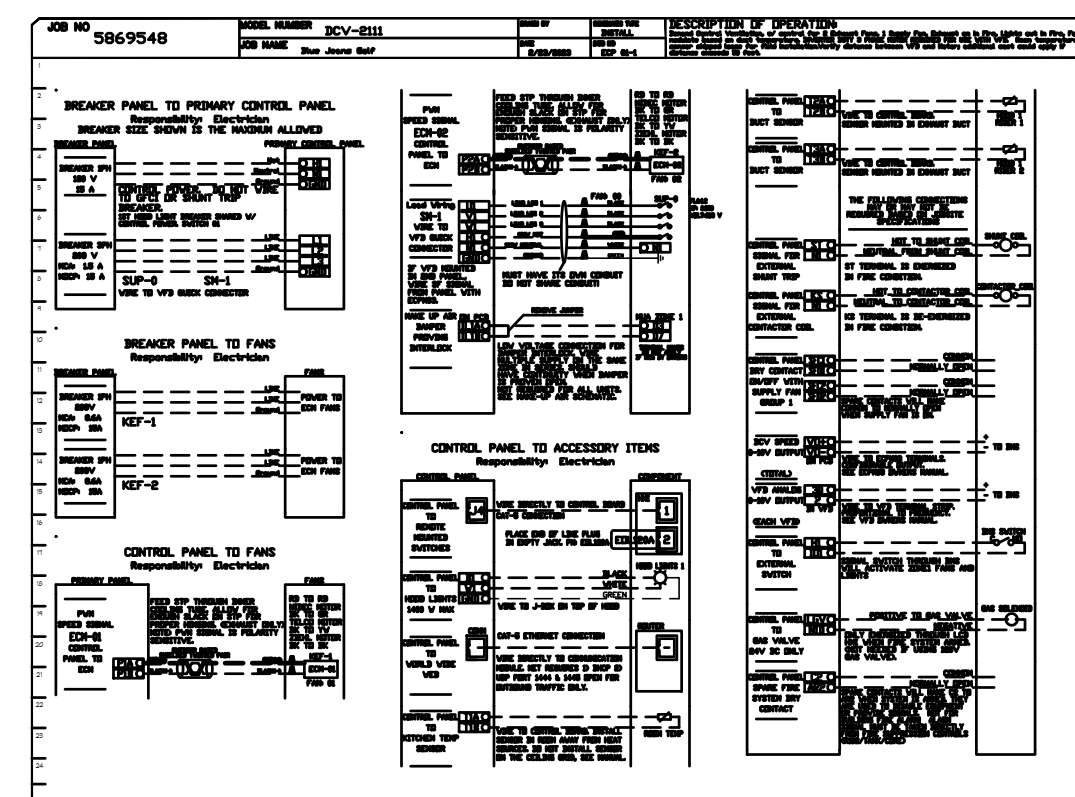
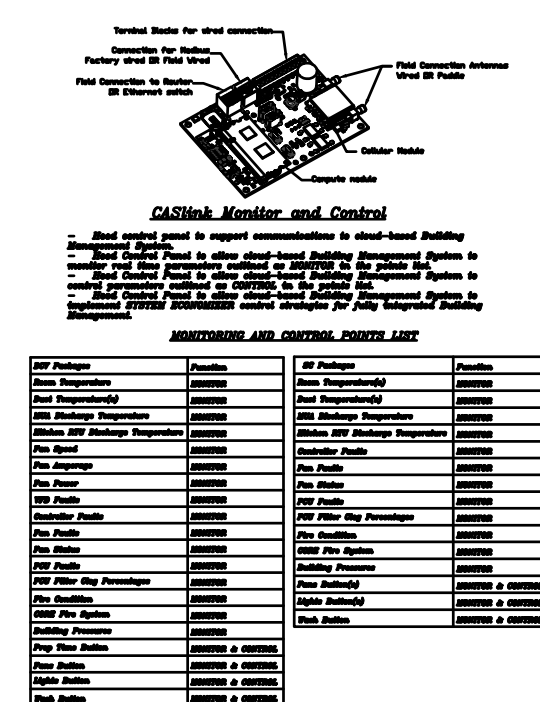


BC PROJECT #23025

**BOBS CONTAINERS**  
11411 FM 812  
DEL VALLEM TX 78617




ELECTRICAL PACKAGE - J08A008648												
NO	TAG	PACKAGE	LOCATION	SWITCHES		OPTION	FANS CONTROLLED					
				FACE	QUANTITY		FAN TAG	TYPE	HP	VOLTS	AMPS	
1	ECF-1	3CV-833	VAL. UTILITY CABINET RIGHT	FACE HOLEY RIGHT SIDE OF NEED	1 LIGHT	SMART CONTROLS 3CV	NEF-1	DOWNSIDE	1	1000	200	6.1
				NEED 8.1	1 FAN		NEF-2	DOWNSIDE	1	1000	200	6.1



**A PROJECT FOR:**

BLUE JEANS GOLF  
1501 E US HWY 40  
LEE'S SUMMIT, MO 64015

ISSUE DATE: 04/06/2023

REVISION:  
 05/16/2023

**SHEET TITLE**  
**MECHANICAL HOOD**  
**SHEETS**

# M6





ENGINEERS  
INCORPORATED  
5720 Reeder  
Shawnee, KS 66203  
(913)262-1772

This drawing has been prepared by the Engineer, or under his supervision. This drawing is provided as an instrument of service by the Designer/Engineer and is intended for the use on this project only. Pursuant to the Architectural Works Copyright Protection Act of 1990, all drawings, specifications, ideas and designs, including the overall form, arrangement and composition of spaces and elements appearing herein, constitute the original, copyrighted work of the Designer/Engineer. Any reproduction, use, or disclosure of information contained herein without prior written consent of the Engineer is strictly prohibited.  
© 2023 BC Engineers, Inc.

MISSOURI  
PE COA #2009003629

4/5/2023



BC PROJECT #23025

BOBS CONTAINERS  
11411 FM 812  
DEL VALLE TX 78617  
(361) 202-8508

A PROJECT FOR:

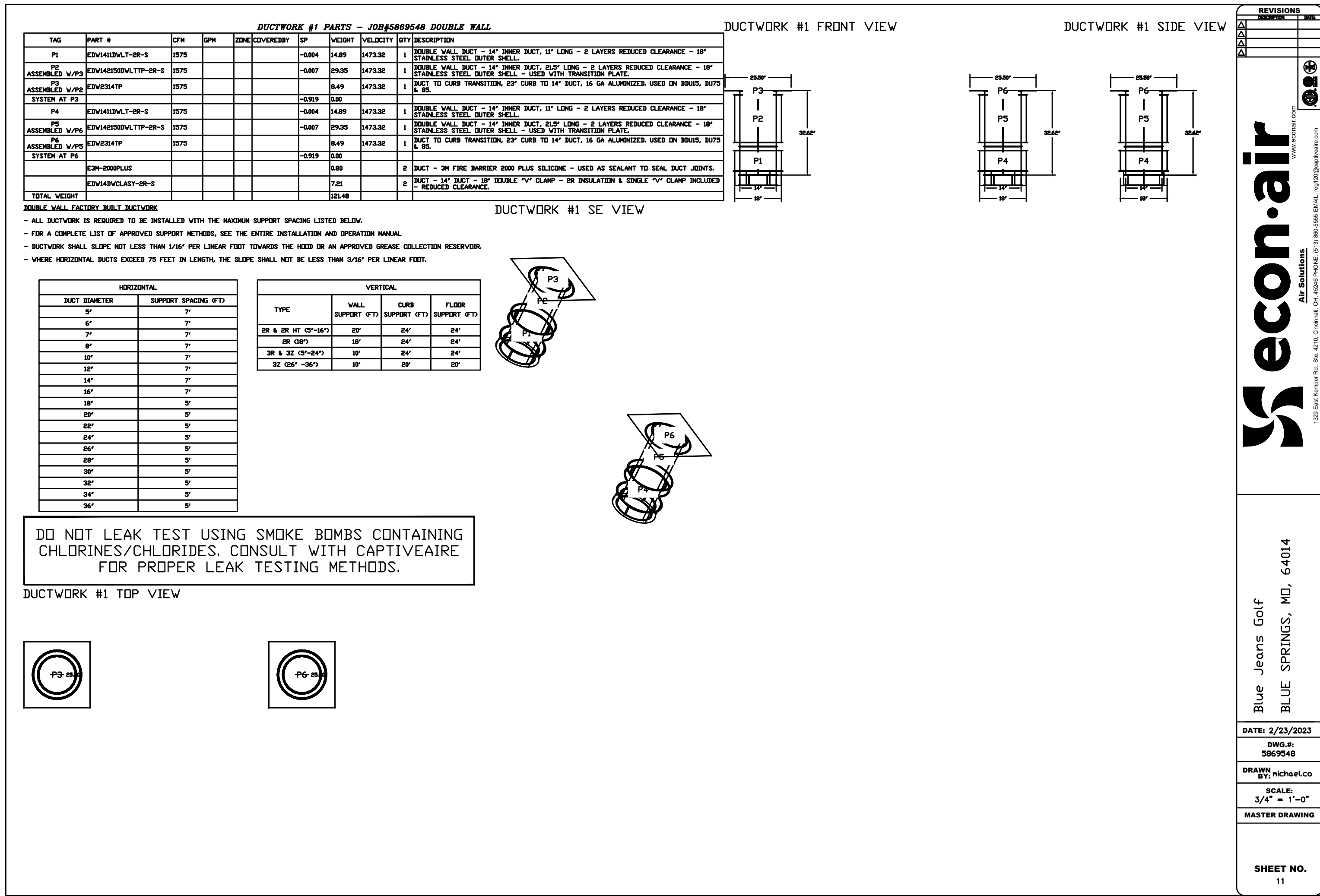
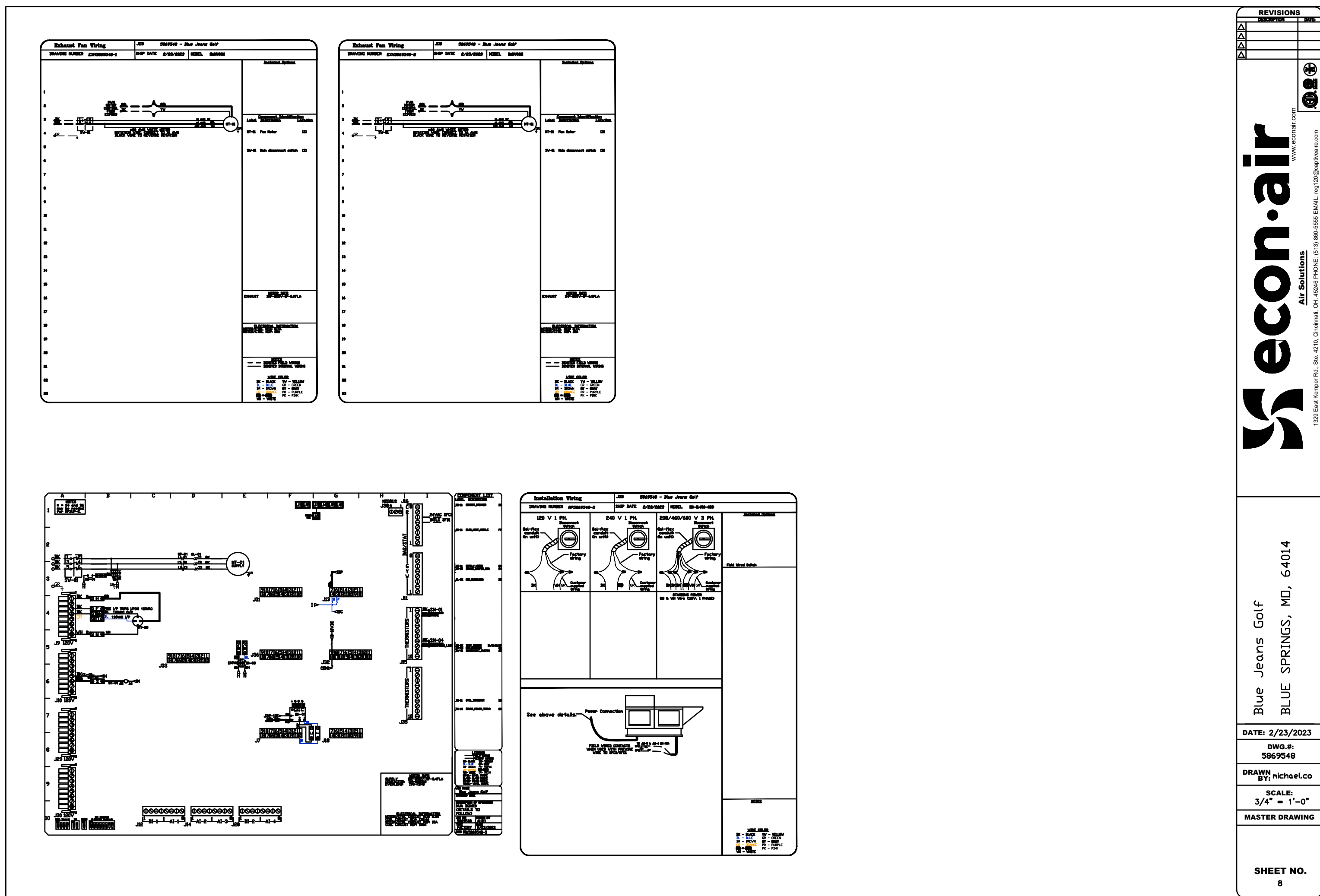
BLUE JEANS GOLF  
1501 E US HWY 40  
LEE'S SUMMIT, MO 64015

ISSUE DATE:  
04/06/2023

REVISION:

SHEET TITLE  
MECHANICAL HOOD  
SHEETS

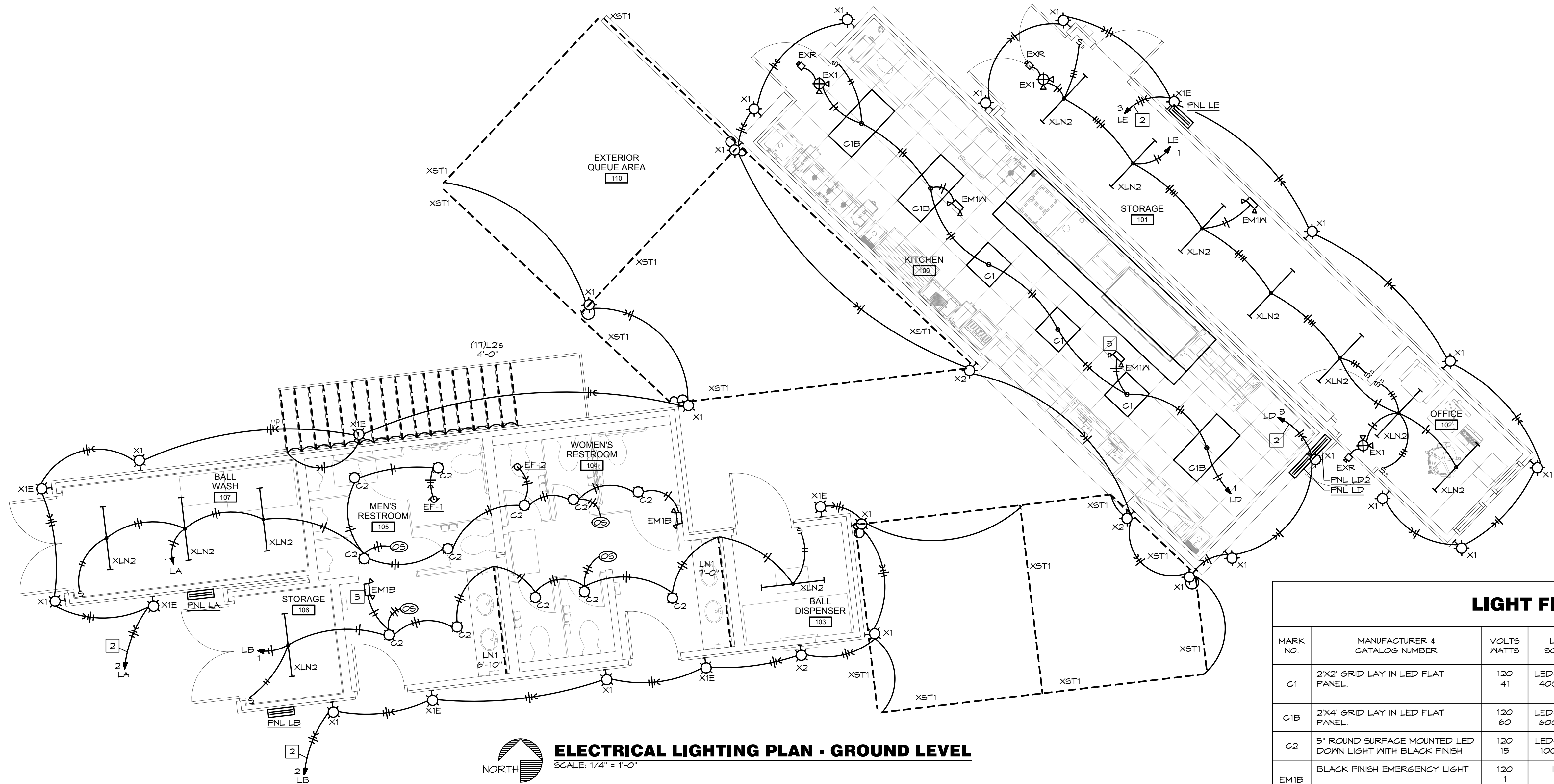
M7



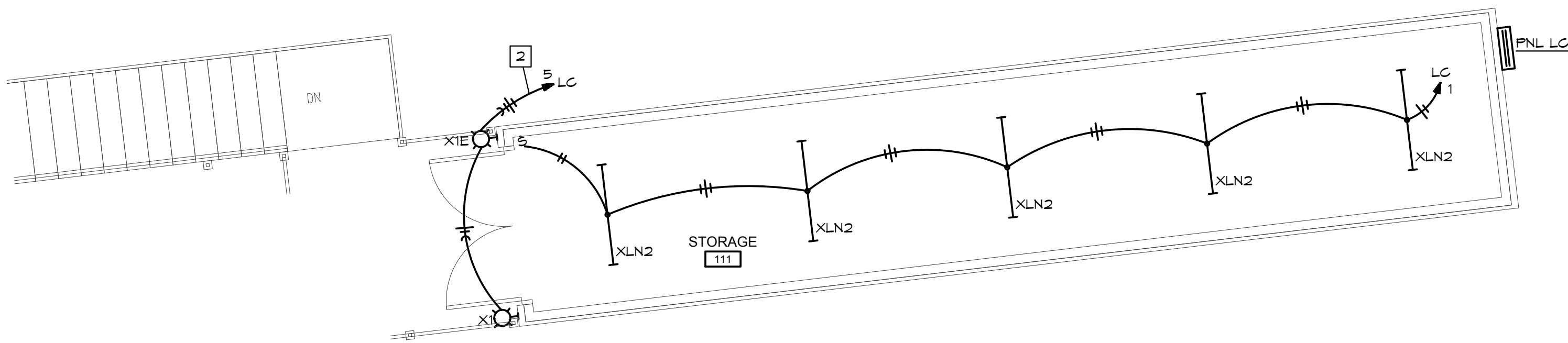








**ELECTRICAL LIGHTING PLAN - GROUND LEVEL**  
NORTH  
SCALE: 1/4" = 1'-0"



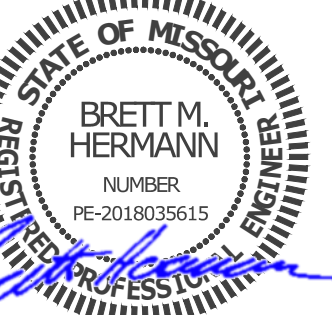
**ELECTRICAL LIGHTING PLAN - UPPER LEVEL**  
NORTH  
SCALE: 1/4" = 1'-0"

- LIGHTING PLAN NOTES:**
1. ROUTE SWITCHED LEG OF CIRCUIT THROUGH INTERMATIC #ET2T25C OR EQUAL - 365 DAY PROGRAMMABLE TIMECLOCK. PROVIDE UNSWITCHED "HOT" CONDUCTOR ROUTED AHEAD OF LIGHTING CONTROLS FOR EXIT, EMERGENCY AND NIGHT-LIGHTS. OTHER CIRCUIT IS FOR BUILDING SIGNAGE (PLAN NOTE 6, SHEET E2). LOCATE TIME CLOCK ADJACENT TO PANEL.
  2. ROUTE SWITCHED LEG OF CIRCUIT THROUGH INTERMATIC #ET2T25C OR EQUAL - 365 DAY PROGRAMMABLE TIMECLOCK. PROVIDE UNSWITCHED "HOT" CONDUCTOR ROUTED AHEAD OF LIGHTING CONTROLS FOR EXIT, EMERGENCY AND NIGHT-LIGHTS. LOCATE TIME CLOCK ADJACENT TO PANEL.
  3. EMERGENCY LIGHT TO BE CEILING MOUNTED.

LIGHT FIXTURE SCHEDULE				
MARK NO.	MANUFACTURER & CATALOG NUMBER	VOLTS WATTS	LIGHT SOURCE	DESCRIPTION
C1	2'X2' GRID LAY IN LED FLAT PANEL.	120 41	LED-4000K 4000 LUM	2'X2' GRID LAY IN LED FLAT PANEL.
C1B	2'X4' GRID LAY IN LED FLAT PANEL.	120 60	LED-4000K 6000 LUM	2'X2' GRID LAY IN LED FLAT PANEL.
C2	5' ROUND SURFACE MOUNTED LED DOWN LIGHT WITH BLACK FINISH	120 15	LED-3000K 1000 LUM	5' ROUND SURFACE MOUNTED LED DOWN LIGHT WITH BLACK FINISH
EM1B	BLACK FINISH EMERGENCY LIGHT	120 1	INCL	BLACK FINISH EMERGENCY LIGHT WITH TWIN ADJUSTABLE 1 WATT LED HEADS AND BATTERY, MOUNT AT 7'-6", TO CLEAR OBSTACLES. (PROVIDES 1 FC AVG. ON 25' CENTER FIXTURE SPACING)
EM1W	WHITE FINISH EMERGENCY LIGHT	120 1	INCL	WHITE FINISH EMERGENCY LIGHT WITH TWIN ADJUSTABLE 1 WATT LED HEADS AND BATTERY, MOUNT AT 7'-6", TO CLEAR OBSTACLES. (PROVIDES 1 FC AVG. ON 25' CENTER FIXTURE SPACING)
EX1	COMBINATION EMERGENCY/EXIT LIGHT	120 3	INCL	COMBINATION EMERGENCY/EXIT LIGHT WITH LED LAMPS, RED LETTERS ON WHITE BACKGROUND, TWIN LED EMERGENCY LIGHT HEADS, UNIVERSAL MOUNT, BATTERY BACKUP
EXR	REMOTE TWIN HEAD OUTDOOR RATED EMERGENCY FIXTURE	120 5	INCL	REMOTE TWIN HEAD OUTDOOR RATED EMERGENCY FIXTURE
LN1	LED TAPE LIGHT	120 3W/FT	LED-3000K 300 LUM/FT	LED TAPE LIGHT IN COVE ABOVE RESTROOM VANITY. PROVIDE ALL NECESSARY COMPONENTS FOR COMPLETE SYSTEM.
L2	EXTERIOR RATED LED TAPE LIGHT	120 3W/FT	LED-3000K 300 LUM/FT	LED TAPE LIGHT IN ENCLOSURE MOUNTED TO UNDERSIDE OF STEP. VERIFY EXACT LOCATION PRIOR TO ROUGH IN. PROVIDE ALL NECESSARY COMPONENTS FOR COMPLETE SYSTEM.
XLN2	4' LED STRIP LIGHT	120 50	LED-4000K 5000 LUMS	4' LED STRIP LIGHT
XST1	PESTOON LED STRING LIGHTS	120 1W/FT	LED-3000K	PESTOON LED STRING LIGHTS WITH 18" SPACING AT COVERED TRELLIS. PROVIDE ALTERNATE BID FOR COLOR CHANGING BULBS
X1	EXTERIOR RATED WALL MOUNTED LED LIGHT	120 25	LED-4000K	GENERAL EXTERIOR RATED WALL MOUNTED LED LIGHT. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION.
X1E	EXTERIOR RATED WALL MOUNTED EMERGENCY LED LIGHT	120 25	LED-4000K	SAME AS TYPE X1 EXCEPT WITH BATTERY BACK-UP OR MICRO INVERTER FOR EMERGENCY OPERATION.
X2	EXTERIOR RATED WALL MOUNTED LED LIGHT	120 15	LED-4000K	EXTERIOR RATED WALL MOUNTED LED LIGHT AT PASS THRU WINDOWS. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION.
NOTES:				

This drawing has been prepared by the Engineer, or under his supervision. This drawing is provided as an instrument of service by the Designer/Engineer and is intended for the use on this project only. Pursuant to the Architectural Works Copyright Protection Act of 1990, all drawings, specifications, ideas and designs, including the overall form, arrangement and composition of spaces and elements appearing herein, constitute the original, copyrighted work of the Designer/Engineer. Any reproduction, use, or disclosure of information contained herein without prior written consent of the Engineer is strictly prohibited.  
© 2023 BC Engineers, Inc.

MISSOURI  
PE COA #2009003629  
5/24/2023



BC PROJECT #23025

BOBS CONTAINERS  
11411 FM 812  
DEL VALLE TX 78617  
(361) 202-8508

A PROJECT FOR:  
**BLUE JEANS GOLF**  
1501 E US HWY 40  
LEE'S SUMMIT, MO 64015

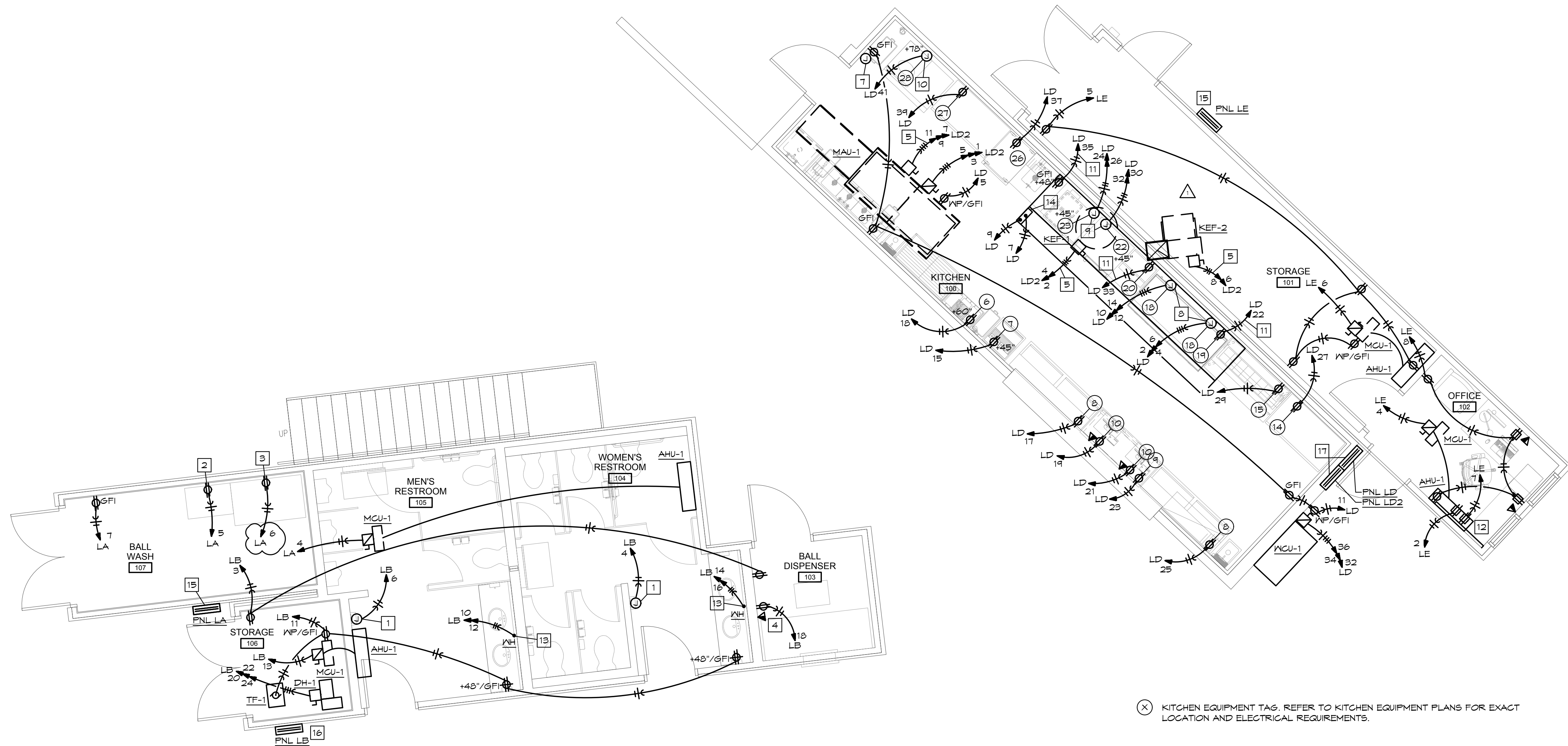
ISSUE DATE:  
04/06/2023

REVISION:  
05/16/2023  
05/24/2023

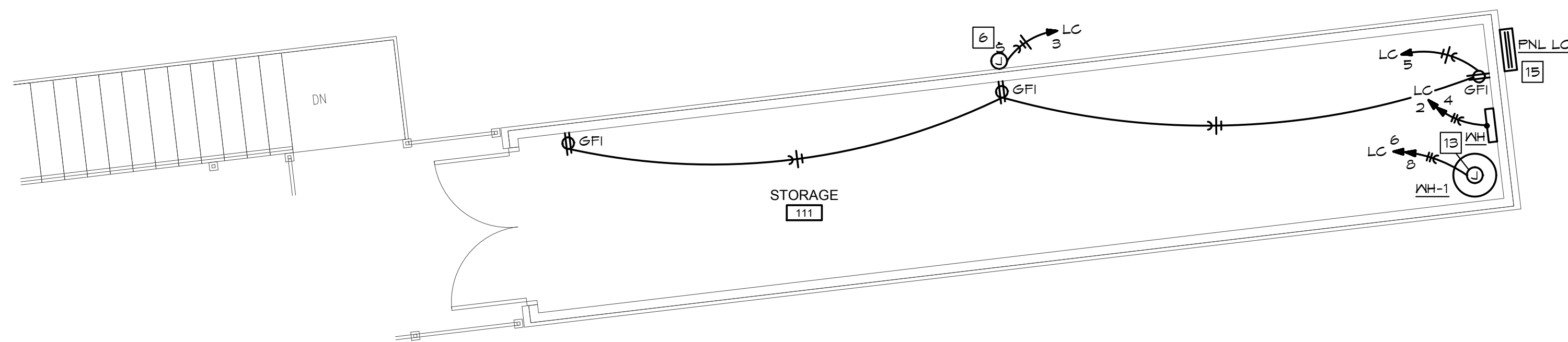
SHEET TITLE  
ELECTRICAL  
LIGHTING PLAN

**E1**

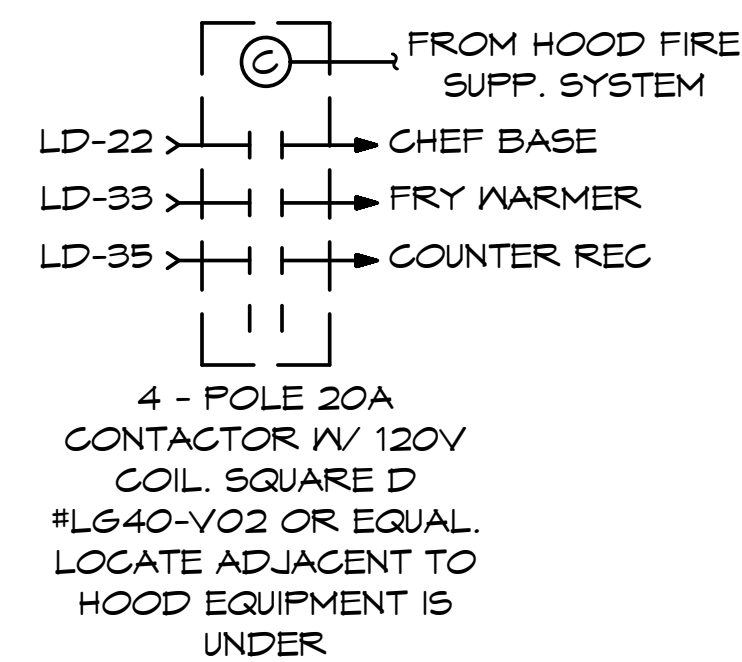




**ELECTRICAL POWER PLAN - GROUND LEVEL**  
SCALE: 1/4" = 1'-0"



**ELECTRICAL POWER PLAN - UPPER LEVEL**  
SCALE: 1/4" = 1'-0"



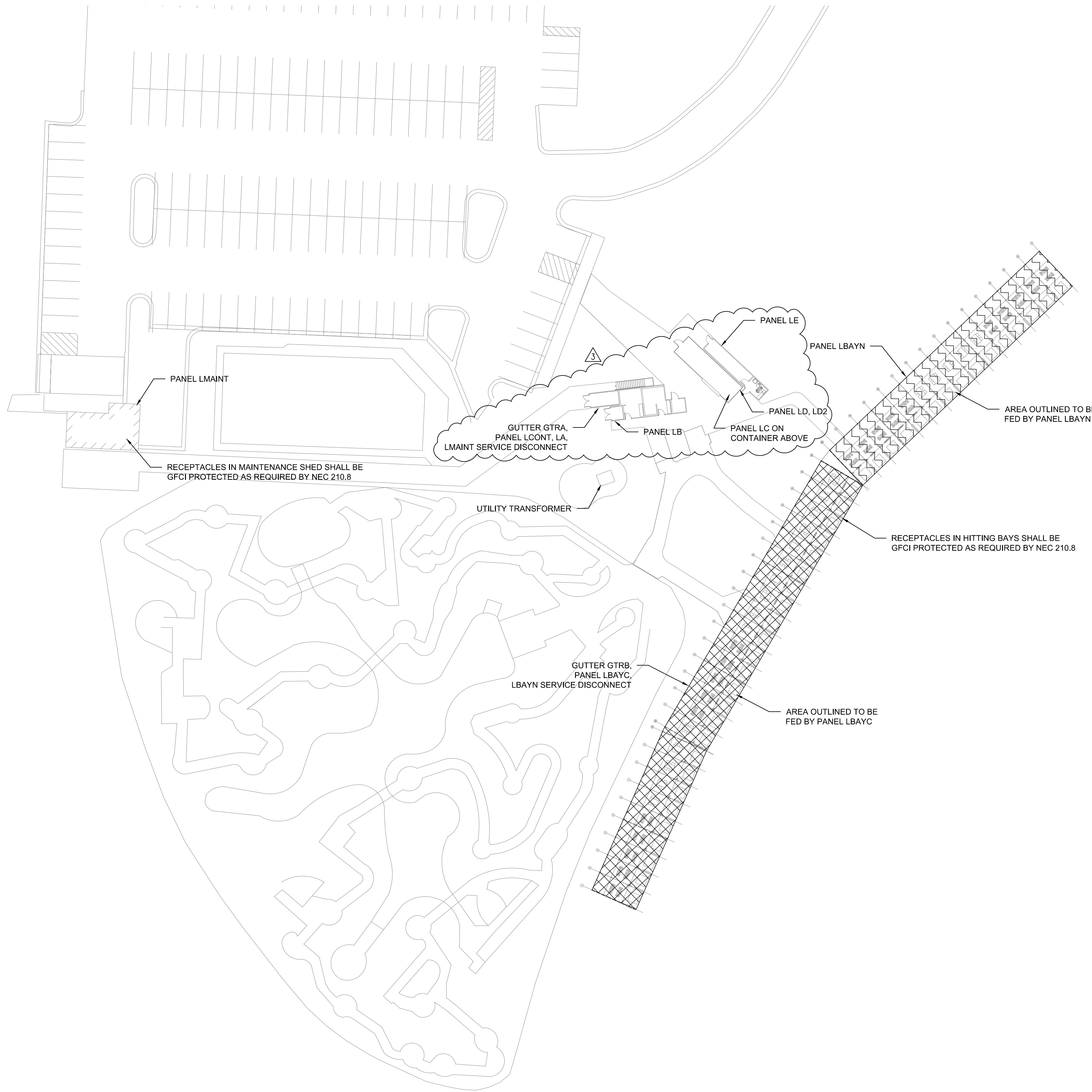
**HOOD-SHUTOFF DETAIL**  
SCALE: NONE

- POWER PLAN NOTES:**
- MAKE CONNECTION TO HAND DRYER PER MANUFACTURERS INSTRUCTIONS. VERIFY EXACT LOCATION.
  - MAKE CONNECTION TO PRE-SOAKER PER MANUFACTURERS INSTRUCTIONS. VERIFY EXACT LOCATION AND ELECTRICAL REQUIREMENTS.
  - MAKE CONNECTION TO BALL WASHER PER MANUFACTURERS INSTRUCTIONS. VERIFY EXACT LOCATION AND ELECTRICAL REQUIREMENTS.
  - MAKE CONNECTION TO BALL DISPENSER PER MANUFACTURERS INSTRUCTIONS. VERIFY EXACT LOCATION AND ELECTRICAL REQUIREMENTS.
  - ROUTE CIRCUIT IS TO PANEL INDICATED VIA EXHAUST HOOD CONTROL PANEL. (PLAN NOTE 14). REFER TO HOOD DRAWINGS FOR ADDITIONAL INFORMATION.
  - PROVIDE WEATHER PROOF JUNCTION BOX WITH DISCONNECTING MEANS FOR CONNECTION TO BUILDING MOUNTED SIGNAGE. MAKE FINAL CONNECTION TO SIGN PER MANUFACTURERS INSTRUCTIONS. ROUTE CIRCUIT THROUGH INTERMATIC #ET2T25C OR EQUAL - 365 DAY PROGRAMMABLE TIMECLOCK. OTHER CIRCUIT IS FOR BUILDING LIGHTS (PLAN NOTE 1, SHEET E1). LOCATE TIME CLOCK ADJACENT TO PANEL.
  - PROPOSED LOCATION OF HOOD SUPPRESSION PULL SYSTEM. VERIFY EXACT LOCATION AND REQUIREMENTS.
  - MAKE CONNECTION TO ELECTRIC COUNTER TOP GRIDDLE PER MANUFACTURERS INSTRUCTIONS. VERIFY EXACT LOCATION AND ELECTRICAL REQUIREMENTS.
  - MAKE CONNECTION TO ELECTRIC OVEN PER MANUFACTURERS INSTRUCTIONS. VERIFY EXACT LOCATION AND ELECTRICAL REQUIREMENTS.
  - MAKE CONNECTION TO ICE MAKER PER MANUFACTURERS INSTRUCTIONS. VERIFY EXACT LOCATION AND ELECTRICAL REQUIREMENTS.
  - ROUTE CIRCUIT TO PANEL INDICATED VIA HOOD SHUT DOWN DETAIL OR VIA SHUNT TRIP BREAKER IN PANEL. THIS SHEET.
  - 2X4 PLYWOOD TELEPHONE BACKBOARD WITH SIEMENS #EC6B-5 GROUND BAR AND #4CU BOND TO BUILDING ELECTRODE SYSTEM. COORDINATE LOCATION WITH OWNER PRIOR TO ROUGH IN. PROVIDE 2" WITH FULL STRING TO PROPERTY LINE AS DIRECTED BY SERVICE PROVIDER. PROVIDE (2) 4" C SLEEVE STUBBED OUT INTO GREEN SPACE FOR LV CABLES THROUGHOUT SITE BY OTHERS. VERIFY LOCATIONS. CLEARLY LABEL CONDUIT.
  - MAKE CONNECTION TO WATER HEATER PER MANUFACTURERS INSTRUCTIONS.
  - HOOD CONTROL PANEL. VERIFY CONNECTION TO LIGHTS, FANS, FIRE SUPPRESSION SYSTEM, ETC PER MANUFACTURER'S INSTRUCTIONS. REFER TO HOOD DRAWINGS FOR ADDITIONAL INFORMATION.
  - PROVIDE PANELS LA, LC, & LE. THEY ARE FED FROM 60A/2P BREAKERS IN PANEL MDP(120/208V 3Ø, 4W) BY OTHERS. REFER TO OVERALL SITE ELECTRICAL PLANS FOR RISER DIAGRAM. SEE PANEL SCHEDULE ON SHEET E0 FOR ADDITIONAL INFORMATION. PROVIDE #6 CU GROUND TO DRIVEN GROUND ROD PER NEC 250. #6 CU GROUND TO CONTAINER STRUCTURE PER NEC 250. ISOLATE NEUTRAL AND GROUND BUS AT PANEL PER NEC 250.32.
  - PROVIDE PANELS LB. IT IS FED FROM 100A/3P BREAKER IN PANEL MDP(120/208V 3Ø, 4W) BY OTHERS. REFER TO OVERALL SITE ELECTRICAL PLANS FOR RISER DIAGRAM. SEE PANEL SCHEDULE ON SHEET E0 FOR ADDITIONAL INFORMATION. PROVIDE #6 CU GROUND TO DRIVEN GROUND ROD PER NEC 250. #4 CU GROUND TO CONTAINER STRUCTURE PER NEC 250. ISOLATE NEUTRAL AND GROUND BUS AT PANEL PER NEC 250.32.
  - PROVIDE PANELS LD AND LD2. THEY ARE FED FROM 200A/3P BREAKERS IN PANEL MDP(120/208V 3Ø, 4W) BY OTHERS. REFER TO OVERALL SITE ELECTRICAL PLANS FOR RISER DIAGRAM. SEE PANEL SCHEDULE ON SHEET E0 FOR ADDITIONAL INFORMATION. PROVIDE #6 CU GROUND TO DRIVEN GROUND ROD PER NEC 250. #4 CU GROUND TO CONTAINER STRUCTURE PER NEC 250. ISOLATE NEUTRAL AND GROUND BUS AT PANEL PER NEC 250.32.



Jun01\_2023-2:22pm - User: jlm.mccabe  
F:\1717-22-0007 Blue Jeans Golf - Kansas City, MO\Sheets\ E101 ELECTRICAL SITE PLAN.dwg

1 ELECTRICAL SITE PLAN  
1/32" = 1'-0"



GENERAL NOTES

1. REFER TO SHEETS E601-E603 FOR FURTHER DETAILS OF THE ELECTRICAL DISTRIBUTION.
2. REFER TO ARCHITECTURAL SHEETS FOR DETAILED LIGHTING AND EQUIPMENT LAYOUTS.



1705 S. Walton Blvd., Suite 3  
Bentonville, Arkansas 72712  
t 479.273.7780  
f 888.520.9685  
www.hfa-ac.com

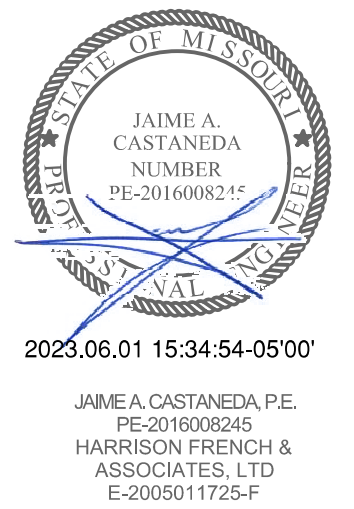
STIPULATION FOR REUSE  
THIS DRAWING WAS PREPARED FOR USE ON  
CONTEMPORANEOUSLY WITH ITS ISSUE  
DATE. IT IS NOT TO BE REUSED FOR  
FOR USE ON A DIFFERENT PROJECT SITE  
OR FOR ANY OTHER PROJECT WITHOUT THE  
FOR REFERENCE OR LIAISON ON  
ANOTHER PROJECT REQUIRES THE  
ARCHITECTS AND ENGINEERS  
REUSE OR ANOTHER PROJECT IS NOT  
THE LAW.

FAMILY GOLF PARK

1501 E US HWY 40  
LEE'S SUMMIT, MO 64064  
JOB NUMBER: 17-22-0007

ISSUE BLOCK		
PERMIT	04/06/23	
PERMIT REVS	05/10/23	
PLAN REVS	05/23/23	
PERMIT REVS	06/01/23	

CHECKED BY:	JAC
DRAWN BY:	TMM
DOCUMENT DATE:	06/01/23



ELECTRICAL  
SITE  
PLAN

SHEET:  
E101





SHEET:  
**E601**



## LCONT

NEW  
PANELBOARD208Y/120V, 3PH, 4W  
600A M.L.O.  
35,000 AIC  
SURFACE MOUNT  
NEMA 3R ENCLOSURESERVES: CONTAINER BUILDING  
LOCATION: BALL WASH EXTERIOR  
FED FROM: GUTTER GTRA  
UPSTREAM OVERCURRENT DEVICE: 600A

CK	LOAD SERVED	WIRE	BRKR	PL	PHASE A	PHASE B	PHASE C	PL	BRKR	WIRE	LOAD SERVED	CK
1	PANEL LA (1) (3)		60	2	2.14	8.03		3	100		PANEL LB (1) (3)	2
3	—	—	—	—		4.13	8.83	—	—	—	—	4
5	PANEL LC (1) (3)		60	2			4.22	8.24	—	—	—	6
7	—	—	—	—	4.58	0.00					SPACE	8
9	PANEL LE (1) (3)		60	2		4.70	0.00				SPACE	10
11	—	—	—	—			4.53	0.00			SPACE	12
13	SPACE				0.00	0.00					SPACE	14
15	SPACE					0.00	0.00				SPACE	16
17	SPACE										SPACE	18
19	SPACE				0.00	0.00					SPACE	20
21	SPACE					0.00	0.00				SPACE	22
23	SPACE						0.00	0.00			SPACE	24
25	PANEL LD (1) (3)		200	3	30.0	17.2		3	200		PANEL LD2 (1) (3)	26
27	—	—	—	—		28.9	16.4	—	—	—	—	28
29	—	—	—	—			27.3	16.4	—	—	—	30

TOTAL CONNECTED	61.9	63.0	60.6	KVA
TOTAL CONNECTED	515.8	524.7	505.2	AMPS
TOTAL LOAD	185.5	KVA	514.8	AMPS
PER NEC ARTICLE 220 FEEDER LOAD	187.1	KVA	519.2	AMPS
100%	7.26	100%	7.26	KVA
125%	70.0	125%	87.4	KVA
LIGHTING	4.38	125%	5.48	KVA
MOTORS	35.4	100%	35.4	KVA
RECEPTACLES*	6.06	*	6.06	KVA
KITCHEN	62.5	65%	40.6	KVA
REFRIGERATION	0.00	100%	0.00	KVA
HVAC — COOLING**	0.00	100%	0.00	KVA
HVAC — HEAT**	0.00	0%	0.00	KVA
LARGEST MOTOR	19.4	25%	4.86	KVA
			187.1	KVA

\*FIRST 10KVA AT 100% AND REMAINING AT 50%  
\*\*LARGEST OF COOLING OR HEATING

## LMAINT

NEW  
PANELBOARD208Y/120V, 3PH, 4W  
70A M.C.B.  
10,000 AIC  
SURFACE MOUNT  
GROUND BAR  
NEMA 1 ENCLOSURESERVES: MAINTENANCE BUILDING  
LOCATION: MAINTENANCE BUILDING  
FED FROM: GUTTER GTRA

CK	LOAD SERVED	WIRE	BRKR	PL	PHASE A	PHASE B	PHASE C	PL	BRKR	WIRE	LOAD SERVED	CK	
1	WELDER	3	80	2	4.34	0.00		2	80	3	WELDER (REDUNDANT)	2	
3	—	—	—	—		4.34	0.00	—	—	—	—	4	
5	MAINTENANCE RECEPTACLES	12	20	1			0.72	0.72	1	20	12	MAINTENANCE RECEPTACLES	6
7	MAINTENANCE RECEPTACLES	12	20	1	0.72	0.72			1	20	12	MAINTENANCE RECEPTACLES	8
9	SPARE		20	1		0.00	0.00		1	20	SPARE	10	
11	SPARE		20	1			0.00	0.00	1	20	SPARE	12	
13	SPACE				0.00	0.00					SPACE	14	
15	SPACE					0.00	0.00				SPACE	16	
17	SPACE						0.00	0.00			SPACE	18	

TOTAL CONNECTED	5.78	4.34	1.44	KVA
TOTAL CONNECTED	48.1	36.1	12.0	AMPS
TOTAL LOAD	11.6	KVA	32.1	AMPS
PER NEC ARTICLE 220 FEEDER LOAD	11.6	KVA	32.1	AMPS
100%	8.67	100%	8.67	KVA
125%	0.00	125%	0.00	KVA
LIGHTING	0.00	125%	0.00	KVA
MOTORS	0.00	100%	0.00	KVA
RECEPTACLES*	2.88	*	2.88	KVA
KITCHEN	0.00	100%	0.00	KVA
REFRIGERATION	0.00	100%	0.00	KVA
HVAC — COOLING**	0.00	100%	0.00	KVA
HVAC — HEAT**	0.00	0%	0.00	KVA
LARGEST MOTOR	0.00	25%	0.00	KVA
			11.6	KVA

\*FIRST 10KVA AT 100% AND REMAINING AT 50%  
\*\*LARGEST OF COOLING OR HEATING

## GTRA

NEW  
LOAD SUMMARY208Y/120V, 3PH, 4W  
600A M.L.O.  
35,000 AIC  
SURFACE MOUNT  
GROUND BAR  
SERVICE ENTRANCE RATED  
NEMA 3R ENCLOSURESERVES: MAIN BUILDING SERVICE  
LOCATION: BALL WASH EXTERIOR  
FED FROM: UTILITY TRANSFORMER

CK	LOAD SERVED	WIRE	BRKR	PL	PHASE A	PHASE B	PHASE C	PL	BRKR	WIRE	LOAD SERVED	CK
1	PANEL LCONT		---	---	---	61.9	5.78		---	---	PANEL LMAINT	2
3	—	---	---	---		63.0	4.34		---	---	—	4
5	—	---	---	---			60.6	1.44		---	—	6
7	—	---	---	---	0.00	0.00				---	—	8
9	—	---	---	---		0.00	0.00			---	—	10
11	—	---	---	---			0.00	0.00		---	—	12

TOTAL CONNECTED	67.7	67.3	62.1	KVA
TOTAL CONNECTED	563.9	560.8	517.2	AMPS
TOTAL LOAD	197.0	KVA	546.9	AMPS
PER NEC ARTICLE 220 FEEDER LOAD	198.6	KVA	551.3	AMPS
100%	15.9	100%	15.9	KVA
125%	70.0	125%	87.4	KVA
LIGHTING	4.38	125%	5.48	KVA
MOTORS	35.4	100%	35.4	KVA
RECEPTACLES*	8.94	*	8.94	KVA
KITCHEN	62.5	65%	40.6	KVA
REFRIGERATION	0.00	100%	0.00	KVA
HVAC — COOLING**	0.00	100%	0.00	KVA
HVAC — HEAT**	0.00	0%	0.00	KVA
LARGEST MOTOR	19.4	25%	4.86	KVA
			198.6	KVA

\*FIRST 10KVA AT 100% AND REMAINING AT 50%  
\*\*LARGEST OF COOLING OR HEATING

## LBAYC

NEW  
PANELBOARD208Y/120V, 3PH, 4W  
400A M.C.B.  
22,000 AIC  
SURFACE MOUNT  
NEMA 3R ENCLOSURESERVES: HITTING BAYS CENTRAL  
LOCATION: HITTING BAYS CENTRAL  
FED FROM: GUTTER GTRB

CK	LOAD SERVED	WIRE	BRKR	PL	PHASE A	PHASE B	PHASE C	PL	BRKR	WIRE	LOAD SERVED	CK	
1	INFRARED HEATER	8	40	2	3.00	3.00		2	40	8	INFRARED HEATER	2	
3	—	8	—	—		3.00	3.00		—	8	—	4	
5	INFRARED HEATER	8	40	2			3.00	3.00	2	40	8	INFRARED HEATER	6
7	—	8	—	—	3.00	3.00			—	8	—	8	
9	INFRARED HEATER	8	40	2		3.00	3.00		2	40	8	INFRARED HEATER	10
11	—	8	—	—			3.00	3.00	—	8	—	12	
13	INFRARED HEATER	8	40	2	3.00	3.00			2	40	8	INFRARED HEATER	14
15	—	8	—	—		3.00	3.00		—	8	—	16	
17	INFRARED HEATER	8	40	2			3.00	3.00	2	40	8	INFRARED HEATER	18
19	—	8	—	—	3.00	3.00			—	8	—	20	
21	INFRARED HEATER	8	40	2		3.00	3.00		2	40	8	INFRARED HEATER	22
23	—	8	—	—			3.00	3.00	—	8	—	24	
25	INFRARED HEATER	8	40	2	3.00	3.00			2	40	8	INFRARED HEATER	26
27	—	8	—	—		3.00	3.00		—	8	—	28	
29	HITTING BAY L/R/FAN	12	20	1			1.01	1.01	1	20	12	HITTING BAY L/R/FAN	30
31	HITTING BAY L/R/FAN	12	20	1	1.01	1.01			1	20	12	HITTING BAY L/R/FAN	32
33	HITTING BAY L/R/FAN	12	20	1		1.01	1.01		1	20	12	HITTING BAY L/R/FAN	34
35	HITTING BAY L/R/FAN	12	20	1			1.01	1.01	1	20	12	HITTING BAY L/R/FAN	36
37	HITTING BAY L/R/FAN	12	20	1	1.01	1.01			1	20	12	HITTING BAY L/R/FAN	38
39	HITTING BAY L/R/FAN	12	20	1		1.01	1.01		1	20	12	HITTING BAY L/R/FAN	40
41	HITTING BAY L/R/FAN	12	20	1			0.51	1.20	1	20	12	LED FLOODLIGHTS	42
43	TOP TRACER MONITORS	12	20	1	0.48	1.20			1	20	12	LED FLOODLIGHTS	44
45	TOP TRACER MONITORS	12	20	1		0.48	0.60		1	20	12	LED FLOODLIGHTS	46
47	TOP TRACER MONITORS	12	20	1			0.48	0.32	1	20	12	TOP TRACER CAMERAS	48
49	TOP TRACER MONITORS	12	20	1	0.48	0.28			1	20	12	TOP TRACER SERVERS	50
51	TOP TRACER MONITORS	12	20	1		0.48	0.00		1	20	SPARE	52	
53	TOP TRACER MONITORS	12	20	1			0.36	0.00	1	20	SPARE	54	
55	TOP TRACER MONITORS	12	20	1	0.24	0.00			1	20	SPARE	56	
57	SPARE		20	1		0.00	0.00		1	20	SPARE	58	
59	SPARE		20	1			0.00	0.00	1	20	SPARE	60	
61	FUTURE PANEL LBAYS (1)		70	3	5.60	0.00					SPACE	62	
63	—		—	—		4.52	0.00				SPACE	64	
65	—		—	—			4.18	0.00			SPACE	66	

TOTAL CONNECTED	42.3	40.1	35.1	KVA
TOTAL CONNECTED	352.6	334.3	292.4	AMPS
TOTAL LOAD	117.5	KVA	326.2	AMPS
PER NEC ARTICLE 220 FEEDER LOAD	123.9	KVA	343.8	AMPS
100%	0.00	100%	0.00	KVA
125%	15.0	125%	18.7	KVA
LIGHTING	10.4	125%	13.0	KVA
MOTORS	0.00	100%	0.00	KVA
RECEPTACLES*	8.10	*	8.10	KVA
KITCHEN	0.00	100%	0.00	KVA
REFRIGERATION	0.00	100%	0.00	KVA
HVAC — COOLING**	0.00	0%	0.00	KVA
HVAC — HEAT**	84.0	100%	84.0	KVA
LARGEST MOTOR	0.00	25%	0.00	KVA
			123.9	KVA

\*FIRST 10KVA AT 100% AND REMAINING AT 50%  
\*\*LARGEST OF COOLING OR HEATING

## GTRB

NEW  
LOAD SUMMARY208Y/120V, 3PH, 4W  
600A M.L.O.  
22,000 AIC  
SURFACE MOUNT  
GROUND BAR  
SERVICE ENTRANCE RATED  
NEMA 3R ENCLOSURESERVES: MAIN HITTING BAY SERVICE  
LOCATION: HITTING BAYS CENTRAL  
FED FROM: UTILITY TRANSFORMER

CK	LOAD SERVED	WIRE	BRKR	PL	PHASE A	PHASE B	PHASE C	PL	BRKR	WIRE	LOAD SERVED	CK
1	PANEL LBAYC		---	---	---	42.3	16.0		---	---	PANEL LBAYN	2
3	—	---	---	---		40.1	16.1		---	---	—	4
5	—	---	---	---			35.1	14.5		---	—	6
7	—	---	---	---	0.00	0.00				---	—	8
9	—	---	---	---		0.00	0.00			---	—	10
11	—	---	---	---			0.00	0.00		---	—	12

TOTAL CONNECTED	58.3	56.2	49.6	KVA
TOTAL CONNECTED	486.1	468.2	413.2	AMPS
TOTAL LOAD	164.1	KVA	455.5	AMPS
PER NEC ARTICLE 220 FEEDER LOAD	172.0	KVA	477.5	AMPS
100%	0.00	100%	0.00	KVA
125%	19.8	125%	24.7	KVA
LIGHTING	13.5	125%	16.9	KVA
MOTORS	0.00	100%	0.00	KVA
RECEPTACLES*	10.8	*	10.4	KVA
KITCHEN	0.00	100%	0.00	KVA
REFRIGERATION	0.00	100%	0.00	KVA
HVAC — COOLING**	0.00	0%	0.00	KVA
HVAC — HEAT**	120.0	100%	120.0	KVA
LARGEST MOTOR	0.00	25%	0.00	KVA
			172.0	KVA

\*FIRST 10kVA AT 100% AND REMAINING AT 50%  
\*\*LARGEST OF COOLING OR HEATING

## LBAYN

NEW  
PANELBOARD208Y/120V, 3PH, 4W  
200A M.L.O.  
10,000 AIC  
SURFACE MOUNT  
NEMA 3R ENCLOSURESERVES: HITTING BAYS NORTH  
LOCATION: HITTING BAYS NORTH  
FED FROM: GUTTER GTRB  
UPSTREAM OVERCURRENT DEVICE: 200A

CK	LOAD SERVED	WIRE	BRKR	PL	PHASE A	PHASE B	PHASE C	PL	BRKR	WIRE	LOAD SERVED	CK	
1	INFRARED HEATER	8	40	2	3.00	3.00		2	40	8	INFRARED HEATER	2	
3	—	8	—	—		3.00	3.00		—	8	—	4	
5	INFRARED HEATER	8	40	2			3.00	3.00	2	40	8	INFRARED HEATER	6
7	—	8	—	—	3.00	3.00			—	8	—	8	
9	INFRARED HEATER	8	40	2		3.00	3.00		2	40	8	INFRARED HEATER	10
11	—	8	—	—			3.00	3.00		—	8	—	12
13	HITTING BAY L/R/FAN	12	20	1	1.01	1.01		1	20	12	HITTING BAY L/R/FAN	14	
15	HITTING BAY L/R/FAN	12	20	1		1.01	1.01		1	20	12	HITTING BAY L/R/FAN	16
17	HITTING BAY L/R/FAN	12	20	1			1.01	1.01	1	20	12	HITTING BAY L/R/FAN	18
19	HITTING BAY L/R/FAN	12	20	1	1.01	0.51			1	20	12	HITTING BAY L/R/FAN	20
21	TOP TRACER MONITORS	12	20	1		0.48	1.20		1	20	12	LED FLOODLIGHTS	22
23	TOP TRACER MONITORS	12	20	1			0.48	0.00	1	20		SPARE	24
25	TOP TRACER MONITORS	12	20	1	0.48	0.00			1	20		SPARE	26
27	TOP TRACER MONITORS	12	20	1		0.36	0.00		1	20		SPARE	28
29	SPARE		20	1			0.00	0.00	1	20		SPARE	30
31	SPARE		20	1	0.00	0.00			1	20		SPARE	32
33	SPARE		20	1		0.00	0.00		1	20		SPARE	34
35	SPARE		20	1			0.00	0.00	1	20		SPARE	36
37	SPACE				0.00	0.00						SPACE	38
39	SPACE					0.00	0.00					SPACE	40
41	SPACE						0.00	0.00				SPACE	42