

LEE'S SUMMIT WEST HIGH SCHOOL - ROBOTICS BUILDING

SITE PLAN

2600 SW WARD RD, LEE'S SUMMIT, MO 64082
SECTION 31 - TOWNSHIP 48 N - RANGE 31 W

PREPARED FOR:
LEE'S SUMMIT R-7 SCHOOL DISTRICT
2600 SW WARD ROAD,
LEE'S SUMMIT, MO 64082
PHONE: (816) 986-3000
CONTACT: DR. CHAD HERTZOG
EMAIL: chad.hertzog@r7.net

PREPARED BY:
KAW VALLEY ENGINEERING, INC.
14700 W 114TH TERR.
LENEXA, KANSAS 66215
PHONE: (913) 894-5150
CONTACT: DAVID WOOD
EMAIL: wood@kveeng.com

SITE DATA:
ZONING: PO (PLANNED OFFICE)
SETBACKS: FRONT: ##
REAR: ##
SIDE: ##

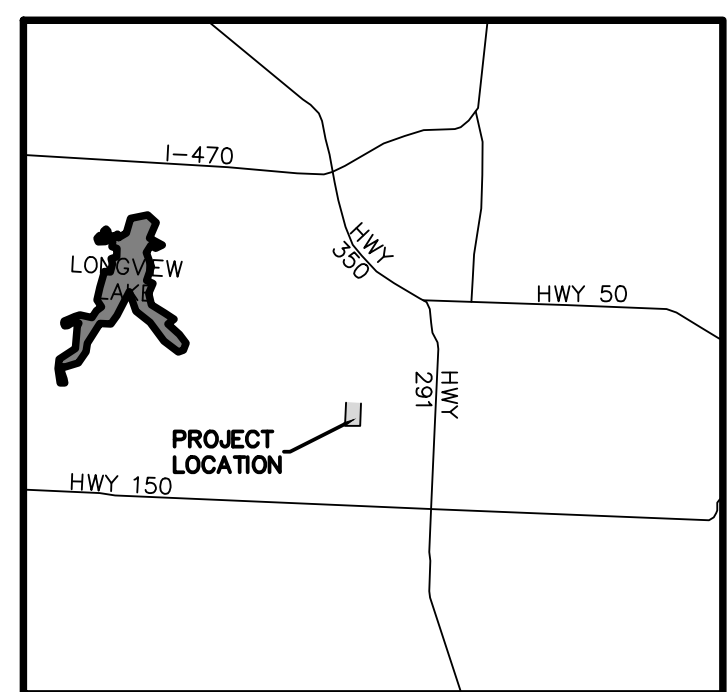
EXISTING USE: SCHOOL
PROPOSED USE: SCHOOL

TOTAL SITE AREA: ### S.F. - ### AC.
PROJECT AREA (LIMITS OF DISTURBANCE): ### S.F. - ### AC.

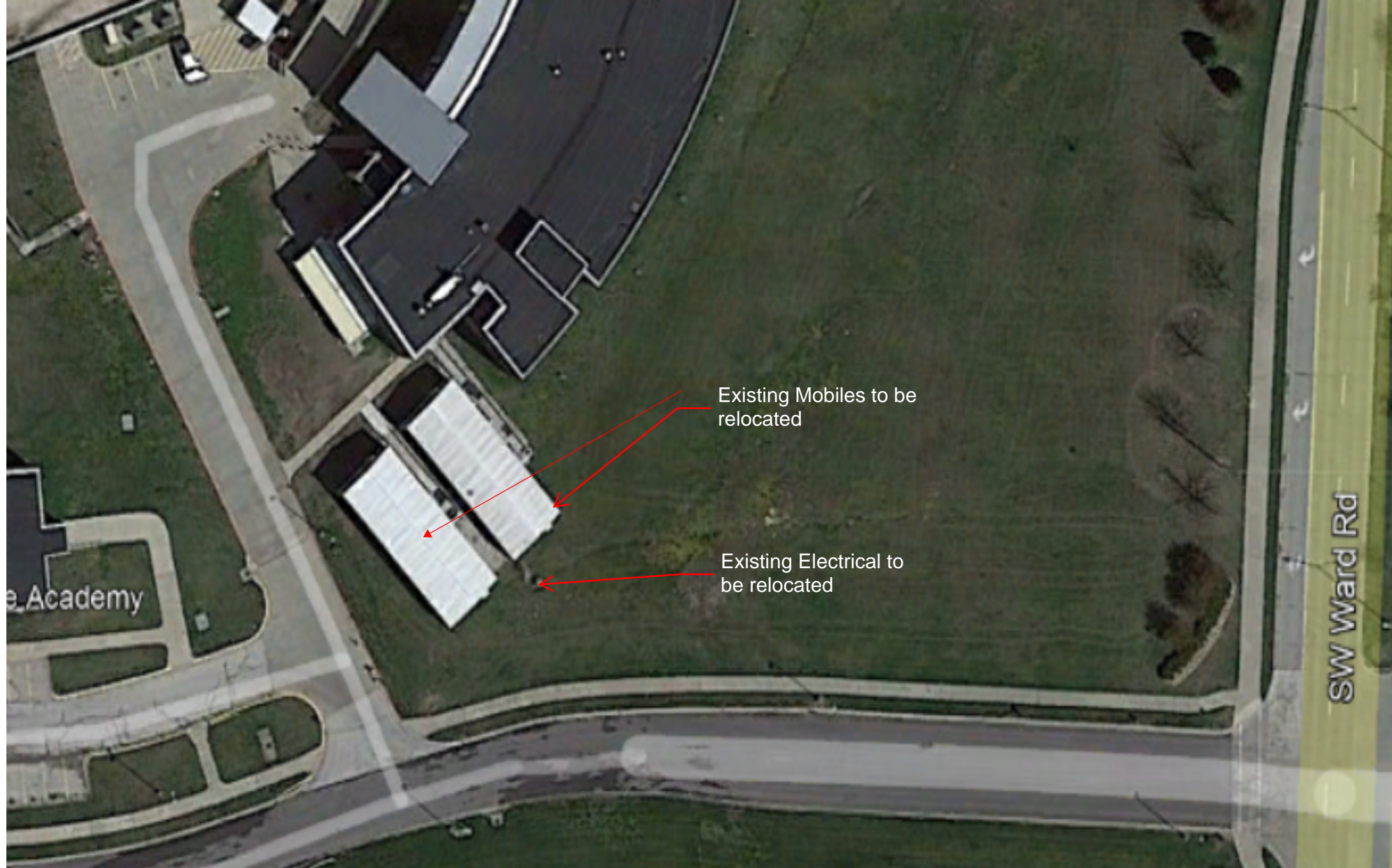
IMPERVIOUS COVERAGE WITHIN PROJECT AREA
EXISTING: ### S.F. - ### AC.
PROPOSED: ### S.F. - ### AC.
DECREASE: ### S.F. - ### AC.

LEGEND:

- CONTROL POINT
- BENCHMARK
- PULL BOX (ELECTRIC)
- YARD LIGHT
- LIGHT POLE
- ELECTRIC METER
- WALL MOUNTED CAMERA
- BREAKER BOX
- UNDERGROUND GAS
- GAS METER
- GAS LINE RISER
- WATER LINE (RECORD)
- WATER METER
- WATER LINE GATE VALVE
- FIRE HYDRANT
- SPRINKLER CONTROL BOX
- WATER MANHOLE
- WALL MOUNTED SIAMSE FIRE CONNECTOR
- SANITARY SEWER MANHOLE



Existing Mobile Building Location



NOTE:
1. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRANCE, SLOPED PAVING, EXIT PORCHES, RAMPS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
2. THESE PLANS HAVE NOT BEEN VERIFIED WITH FINAL ARCHITECTURAL CONTRACT DRAWINGS. CONTRACTOR SHALL VERIFY AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES. CONTRACTOR IS FULLY RESPONSIBLE FOR REVIEW AND COORDINATION OF ALL DRAWINGS AND CONTRACTOR DOCUMENTS.

CONSTRUCTION NOTES:

- COORDINATE START-UP AND ALL CONSTRUCTION ACTIVITIES WITH THE LEE'S SUMMIT SCHOOL DISTRICT.
- CONSTRUCTION METHODS AND MATERIALS NOT SPECIFIED IN THESE PLANS ARE TO MEET OR EXCEED THE CURRENT EDITION OF THE KANSAS CITY METROPOLITAN CHAPTER OF APWA SPECIFICATIONS AS ADOPTED AND AMENDED BY THE CITY OF LEE'S SUMMIT, MISSOURI AND MODIFIED AS NOTED ON THESE PLANS.
- ALL CONSTRUCTION WORK AND UTILITY WORK OUTSIDE OF PROPERTY BOUNDARIES SHALL BE PERFORMED IN COOPERATION WITH AND IN ACCORDANCE WITH REGULATIONS OF THE AUTHORITIES CONCERNED.
- PUBLIC CONVENIENCE AND SAFETY: THE CONTRACTOR SHALL CONDUCT THE WORK IN A MANNER THAT WILL INSURE, AS FAR AS PRACTICABLE, THE LEAST OBSTRUCTION TO TRAFFIC, AND SHALL PROVIDE FOR THE CONVENIENCE AND SAFETY OF THE GENERAL PUBLIC AND RESIDENTS ALONG AND ADJACENT TO PUBLIC ROADWAYS. CONTRACTOR IS RESPONSIBLE TO OBTAIN RIGHT-OF-WAY PERMIT FOR CONSTRUCTION OF DRIVE APPROACHES AND SIDEWALKS ALONG SE MILLER STREET AND SE MAIN STREET. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL AS REQUIRED BY THE CITY OF LEE'S SUMMIT PUBLIC WORKS DEPARTMENT. REFERENCE MUTCD STANDARD DRAWINGS.
- ALL DIMENSIONS SHOWN ARE TO THE BACK OF CURB UNLESS OTHERWISE NOTED.
- ALL SIDEWALK JOINTS WITHIN PROJECT AREA SHALL BE RECALCULATED WITH JOINT SEALANT. REFER TO TYPE 1 AND TYPE 2 JOINTS ON SHEET C190.

UTILITY STATEMENT:

THE UNDERGROUND UTILITIES SHOWN HEREON ARE FROM FIELD SURVEY INFORMATION OF ONE-CALL LOCATED UTILITIES, FIELD SURVEY INFORMATION OF ABOVE GROUND OBSERVABLE EVIDENCE, AND/OR THE SCALING AND PLOTTING OF EXISTING UTILITY MAPS AND DRAWINGS AVAILABLE TO THE SURVEYOR AT THE TIME OF SURVEY. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. FURTHERMORE, THE SURVEYOR DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES BY EXCAVATION UNLESS OTHERWISE NOTED ON THIS SURVEY. MISSOURI ONE CALL TICKET #220632754

WARRANTY / DISCLAIMER

THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENDED BY THE OWNER AT THIS TIME. HOWEVER, NEITHER KAW VALLEY ENGINEERING, INC NOR ITS PERSONNEL CAN OR DO WARRANTY THESE DESIGNS OR PLANS AS CONSTRUCTED, EXCEPT IN THE SPECIFIC CASES WHERE KAW VALLEY ENGINEERING PERSONNEL INSPECT AND CONTROL THE PHYSICAL CONSTRUCTION ON A TEMPORARY BASIS AT THE SITE.

CAUTION - NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH PROPOSED IMPROVEMENTS SHOWN ON THE PLANS. THE CONTRACTOR SHALL EXPOSE EXISTING UTILITIES AT LOCATIONS OF POSSIBLE CONFLICTS PRIOR TO ANY CONSTRUCTION.

SAFETY NOTICE TO CONTRACTOR

IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

HORIZONTAL AND VERTICAL DATUM:

PROJECT COORDINATES ORIGINATE FROM AN ASSUMED COORDINATE SYSTEM.

PROJECT BENCH MARK:

BM-62
FOUND OUT SQUARE, AT NORTHWEST CORNER OF CURB INLET AT THE NORTHWEST CORNER OF PARKING AREA "C" & EAST OF TICKET BOOTH.
ELEV = 1018.13

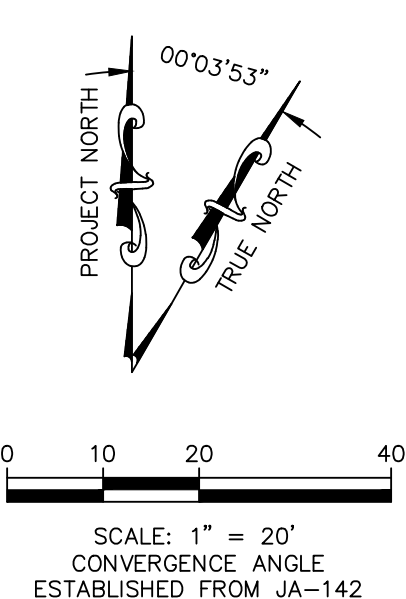
BM-67
CHISELED SQUARE ON CENTER FRONT FACE OF MOST EAST CURB INLET ON SOUTH SIDE OF SOUTH DRIVE LANE.
ELEV = 1037.66

PROJECT CONTROL:

CP-#220
1/2"x24" REBAR W/ CONTROL POINT CAP
NORTHING: 948976.964
EASTING: 2816995.356
ELEV = 1028.31

CP-#221
1/2"x24" REBAR W/ CONTROL POINT CAP
NORTHING: 948971.175
EASTING: 2817509.181
ELEV = 1035.30

CP-#222
1/2"x24" REBAR W/ CONTROL POINT CAP
NORTHING: 985039.868
EASTING: 2817798.415
ELEV = 1052.40



PROJ. NO. C21-1242 DSN: DDW
CPN: 1242SP
DAVID D. WOOD
ENGINEER
MO # 2011037427
14700 WEST 114TH TERRACE
LENEXA, KANSAS 66215
PH. (913) 894-5150 | FAX (913) 894-5977
d@kveeng.com | www.kveeng.com
KAW VALLEY ENGINEERING
KAW VALLEY ENGINEERING, INC., IS AUTHORIZED TO OFFER ENGINEERING SERVICES BY MISSOURI STATE CERTIFICATE OF AUTHORITY # 000842. EXPIRES 12/31/23

SITE AND DIMENSION PLAN A1

NOT FOR CONSTRUCTION

Kaw Valley Engineering, Inc.
Missouri Certificate of Authority: 000842
Date: 7/1/2022
Engineer
License No. -

REVISIONS

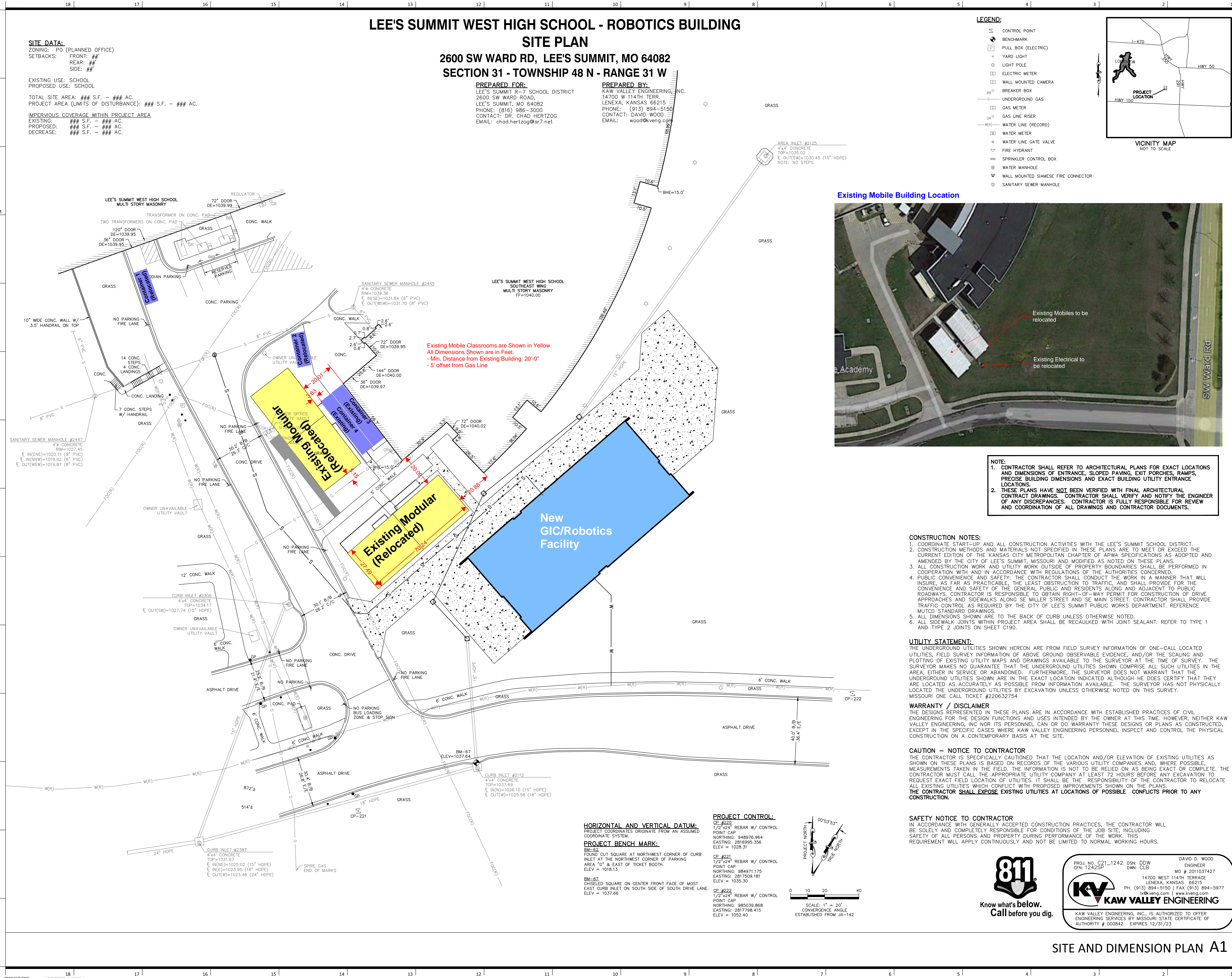
Number	DESCRIPTION	DATE
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PROJECT NO: 0121-0100
DATE: April 29, 2022

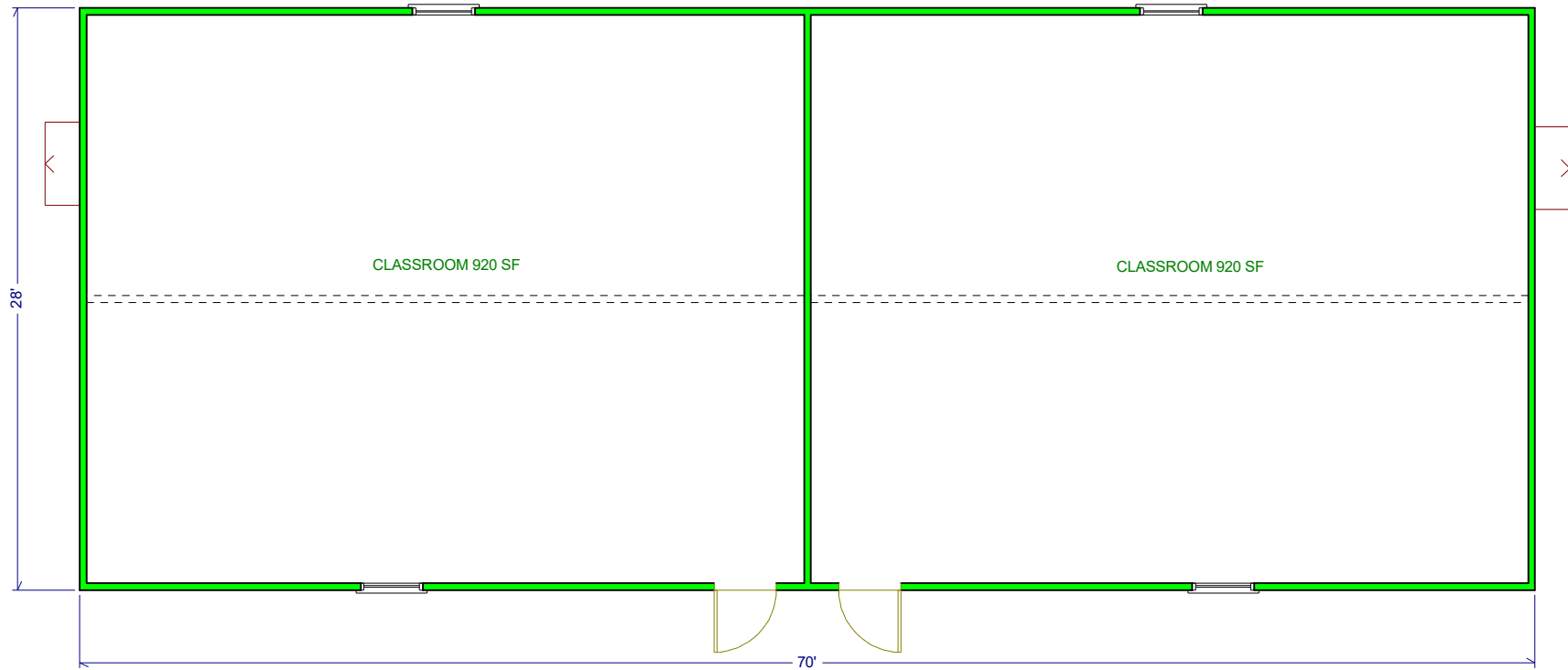
SITE AND DIMENSION PLAN

W-C100

Schematic Design



2870 DRY CLASSROOM



PALOMAR MODULAR BUILDINGS LLC
May 23, 2022

ALL DIMENSIONS ARE NOMINAL

Approved
5/23/2022

Handwritten signature

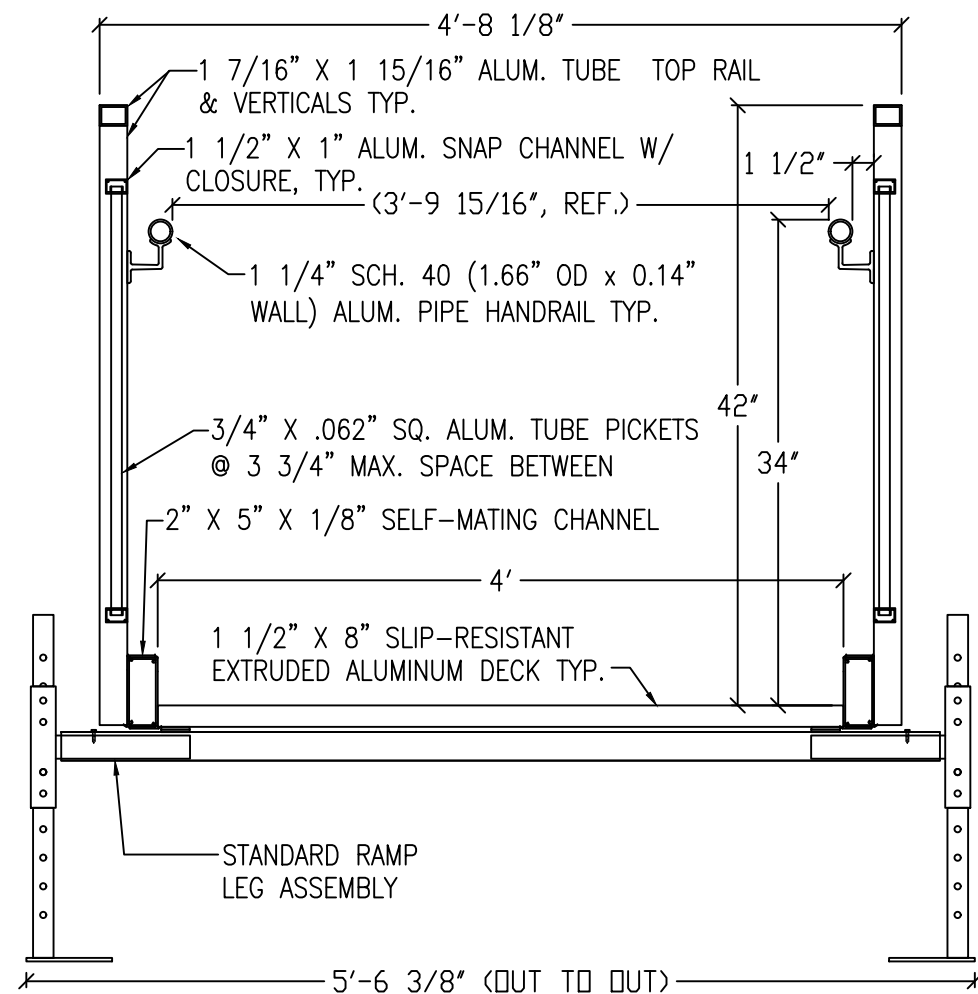
THIS DRAWING PREPARED FOR:

UNIVERSAL RAMP SYSTEM

THIS DRAWING PREPARED BY:

HYDRO
REDD Team
Delhi, Louisiana
1-800-779-5509

PRODUCT REQUESTED:
ALUMINUM RAMP SYSTEM
WITH 42" VERTICAL PICKET RAILS



SECTION: ALUMINUM RAMP
42" TALL RAMP VERTICAL PICKET HANDRAILS (SCALE: 1:1)

GENERAL NOTES:

1. ALUMINUM RAMP, LANDING AND STAIR SECTIONS SHALL BE A RIGID, FREE-SPAN DESIGN.
2. DESIGN OF THE ALUMINUM STRUCTURES SHALL CONFORM TO THE CURRENT EDITION OF **THE ALUMINUM ASSOCIATION SPECIFICATIONS AND GUIDELINES FOR ALUMINUM STRUCTURES**.
3. ALL ALUMINUM CONSTRUCTION USING 6000 SERIES ALUMINUM ALLOYS. STRUCTURAL MEMBERS TO BE 6061-T6, 6063-T6 AND 6005-T5 ALUMINUM ALLOY.
4. ALUMINUM WILL BE STANDARD MILL FINISH UNLESS OTHERWISE NOTED.
5. WELDING SHALL BE IN ACCORDANCE WITH ANSI/AWS D1.2/D1.2M-2014 GAS METAL ARC WELDING (GMAW) PROCESS BY EXPERIENCED OPERATORS.
6. ALL FASTENERS TO BE 18-8 (SERIES 304) STAINLESS STEEL UNLESS OTHERWISE NOTED.
7. LANDING, RAMP AND STAIR SECTIONS ARE TO BE ENGINEERED FOR A 100 PSF LIVE LOAD.
8. LANDING AND RAMP WALKING SURFACES SHALL BE DESIGNED FOR A MINIMUM CONCENTRATED VERTICAL LOAD OF 300 LBS APPLIED EVENLY OVER A 12" x 12" AREA. STAIR TREADS SHALL BE DESIGNED TO WITHSTAND A MINIMUM CONCENTRATED LOAD OF 300 LBS OVER A 4 SQUARE INCH AREA.
9. RAMP AND LANDING GUARDRAILS TO BE 42 INCH MINIMUM HEIGHT UNLESS OTHERWISE SPECIFIED. (34 AND 38 INCH TWO-LINE RAMP RAILS AND 34 AND 38 INCH VERTICAL PICKET RAMP RAILS AS WELL AS CUSTOM DESIGN RAMP RAILS AVAILABLE UPON REQUEST FOR SYSTEMS NO MORE THAN 30 INCHES ABOVE FINISHED GROUND LEVEL.)
10. HANDRAIL ASSEMBLIES AND GUARDRAILS SHALL BE DESIGNED TO RESIST A LOAD OF 50 PLF APPLIED IN ANY DIRECTION AT THE TOP OF THE RAIL.
11. HANDRAIL ASSEMBLIES AND GUARDRAILS SHALL BE ABLE TO RESIST A SINGLE CONCENTRATED LOAD OF 200 LBS, APPLIED IN ANY DIRECTION AT ANY POINT ALONG THE TOP OF THE RAIL. THIS LOAD NEED NOT BE ASSUMED TO ACT CONCURRENTLY WITH THE LOADS SPECIFIED IN THE PRECEDING PARAGRAPH.
12. INTERMEDIATE RAILS (ALL THOSE EXCEPT HANDRAILS), BALUSTERS AND PANEL FILLERS SHALL BE DESIGNED TO WITHSTAND A HORIZONTALLY APPLIED NORMAL LOAD OF 50 LBS ON AN AREA EQUAL TO 1 SQUARE FOOT, INCLUDING OPENINGS AND SPACE BETWEEN RAILS.
13. GUARDRAIL SYSTEMS SHALL BE DESIGNED SO THAT A 4 (FOUR) INCH SPHERE CANNOT PASS THROUGH ANY OPENING.
14. DECK SURFACE SHALL BE A SLIP RESISTANT, EXTRUDED ALUMINUM DECKING WITH A TRIPLE I-BEAM, SELF-MATING DESIGN.
15. ALL SURFACES, MEMBERS AND THEIR WELDED JOINTS SHALL BE SMOOTH AND FREE FROM SHARP OR JAGGED EDGES.
16. ALL DESIGNS SHOWN HEREIN ARE SUBJECT TO CHANGE PENDING FIELD VERIFICATION OF EXISTING CONDITIONS.
17. CONCEALED AND UNEXPOSED SURFACES: WILL NOT BE CLEANED NOR DEBURRED. EXCEPTION (WHEN REQUESTED): UNDERSIDE OF PLATFORMS EXCEEDING 60" IN ELEVATION.
18. **ANCHORING OF PRODUCT TO GRADE BY OTHERS**



FOR QUOTATION
PURPOSES ONLY

UNIVERSAL RAMP SYSTEM
ALUMINUM ACCESS RAMP SYSTEM

DATE: May 23, 2022
JOB NO.: SALES_URS
FILENAME: Sales_URS
REV.: R - 0
DRAWN BY: TMB
APPROVED BY:
SHEET NUMBER: 42VP COVER

Existing law protects HYDRO from liability for damages to this drawing. The design or construction of any structure not shown or indicated on this drawing is the responsibility of the user. HYDRO is not responsible for any errors, omissions, or inaccuracies in this drawing. HYDRO is not responsible for any damages, including consequential damages, arising from the use of this drawing. HYDRO is not responsible for any damages, including consequential damages, arising from the use of this drawing.

HYDRO
125 Superior Drive
Delhi, LA 71232
Phone: 1 (800) 779-5509
Fax: 1 (806) 840-4566

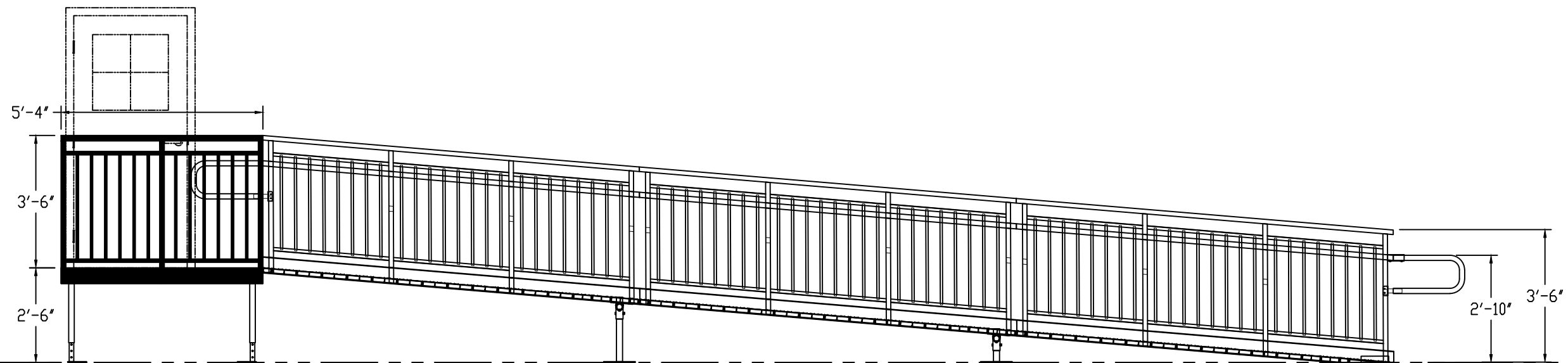
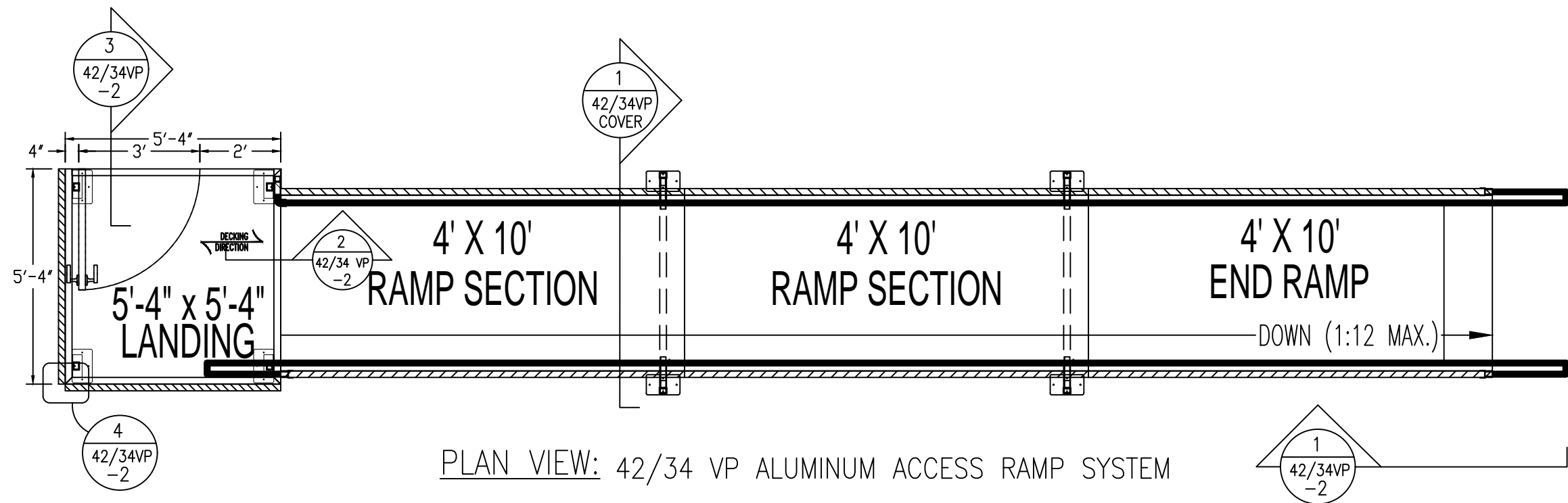


FOR QUOTATION
PURPOSES ONLY

UNIVERSAL RAMP SYSTEM
ALUMINUM ACCESS RAMP SYSTEM

DATE
May 23, 2022
JOB NO.
SALES URS
FILENAME
Sales URS
REV.
R - 0
DRAWN BY
TMB
APPROVED BY

SHEET NUMBER
42VP-ST-1



ELEV VIEW: 42/34 VP ALUMINUM ACCESS RAMP SYSTEM

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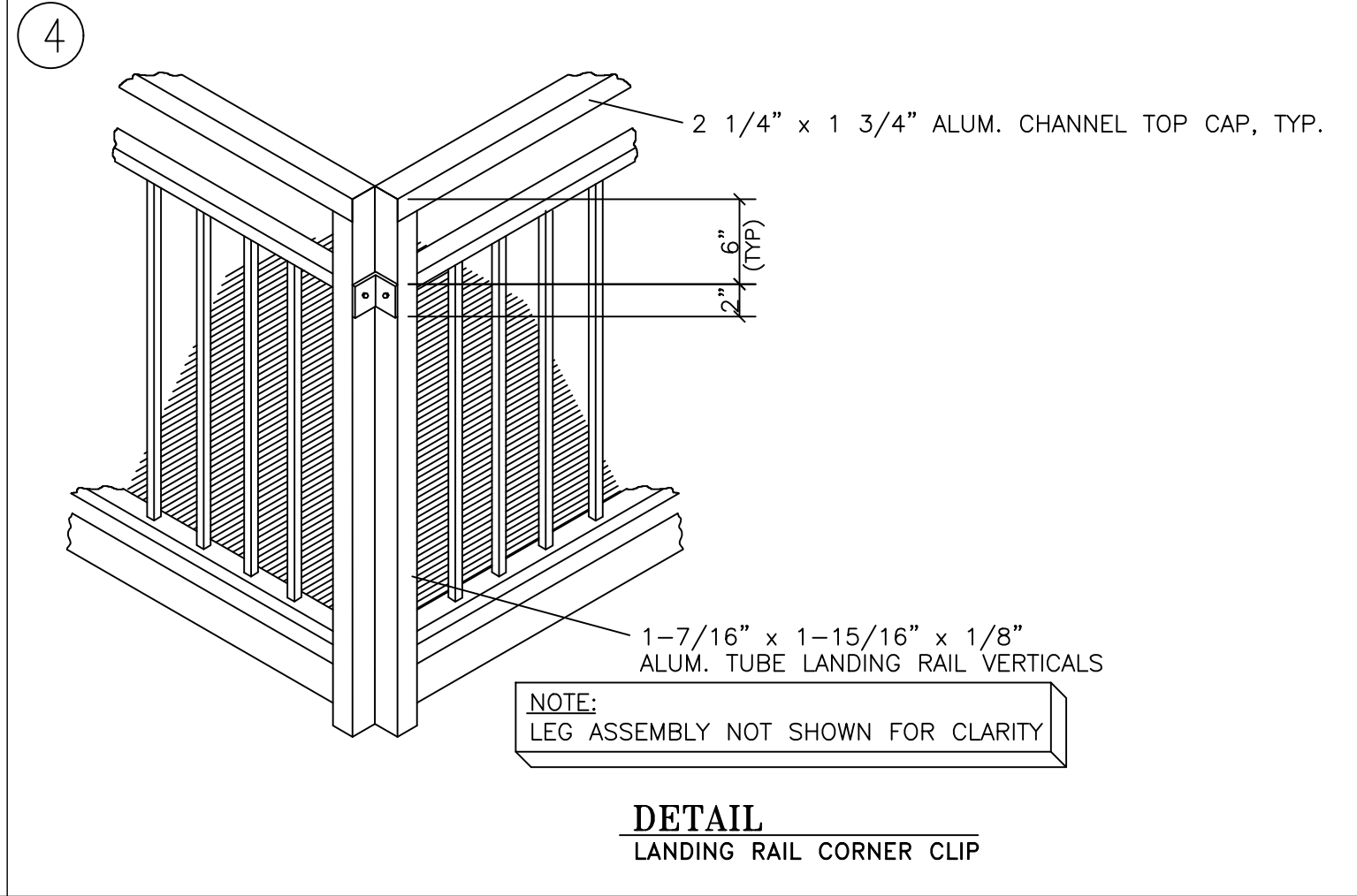
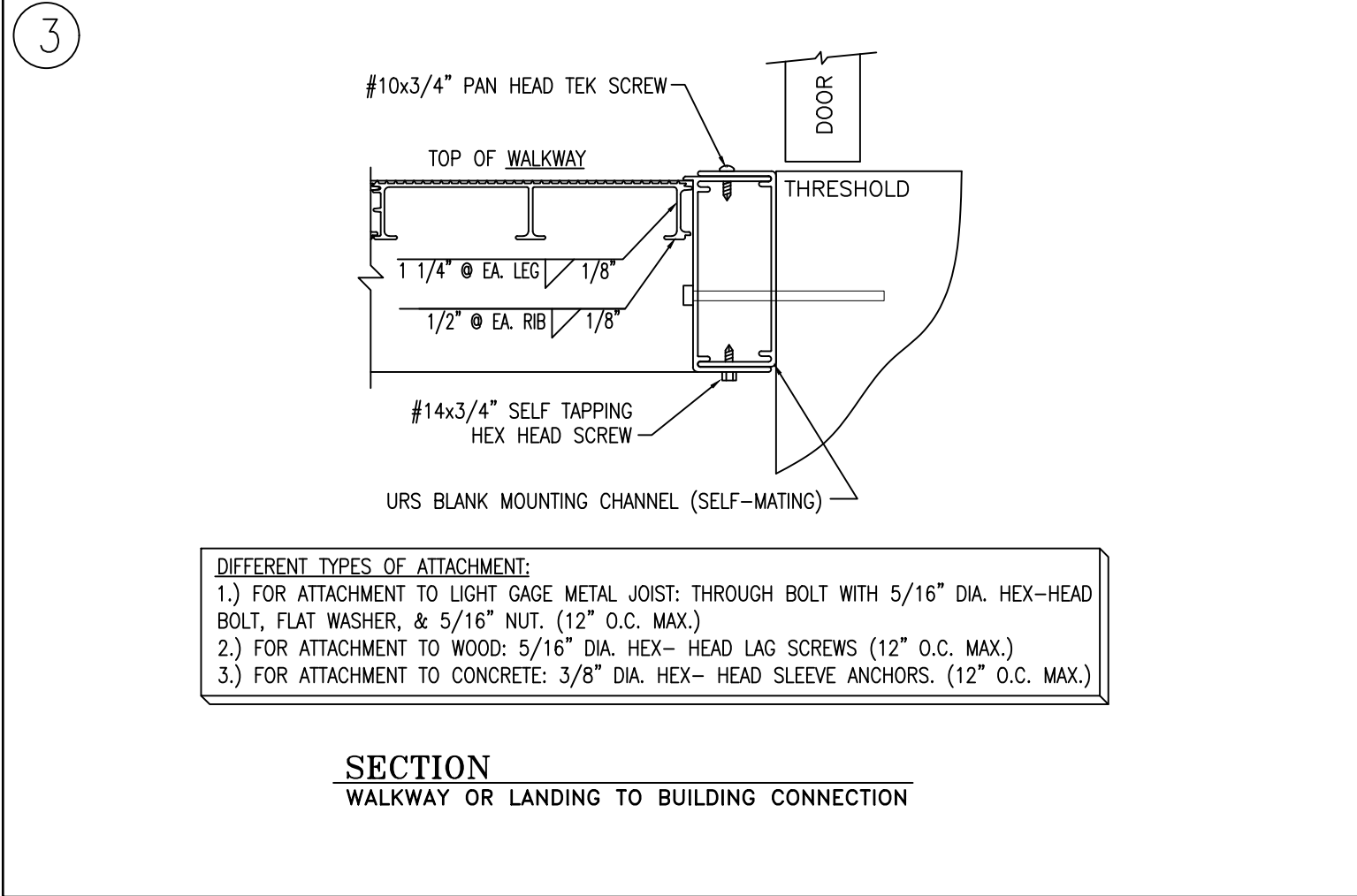
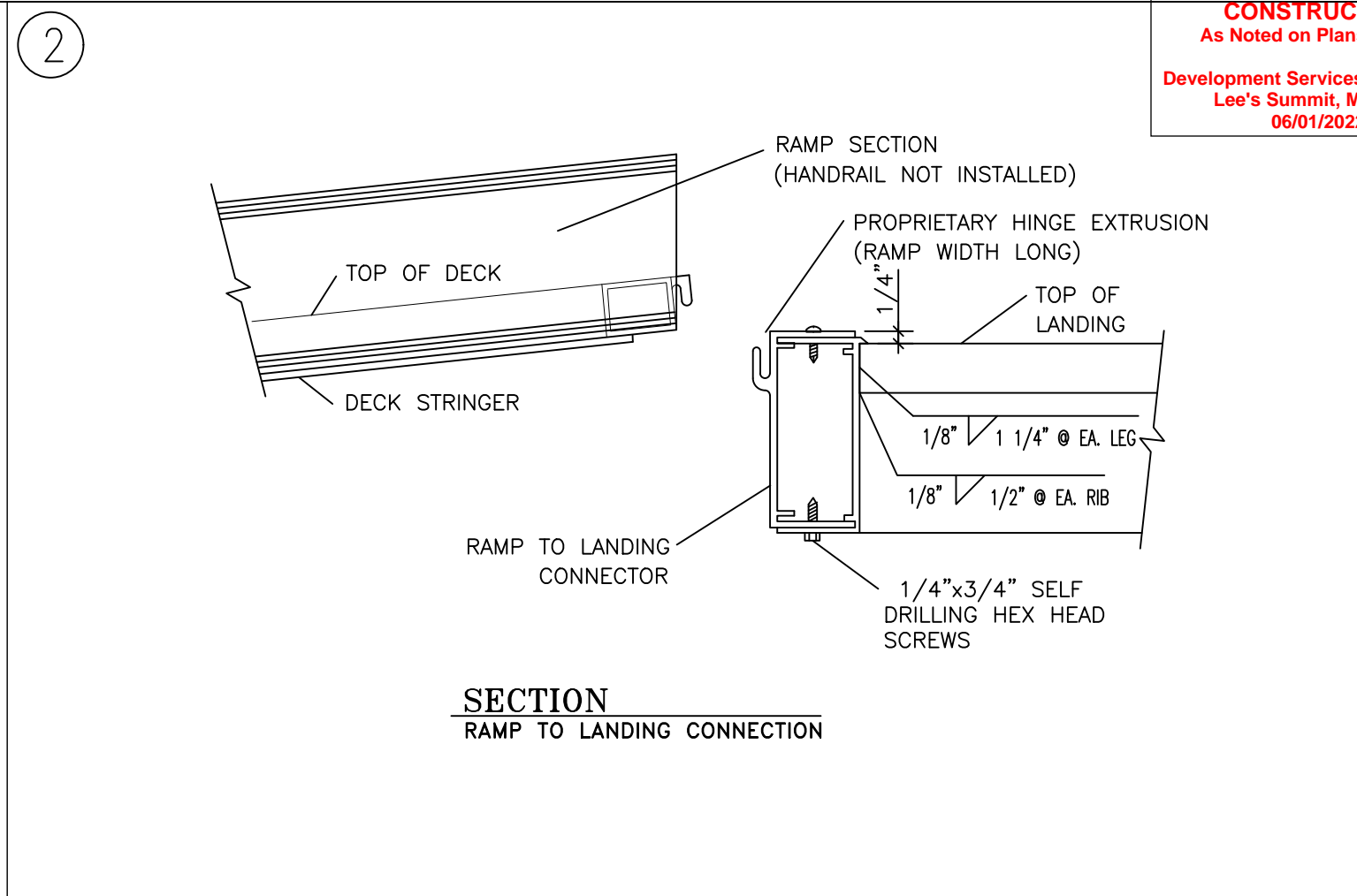
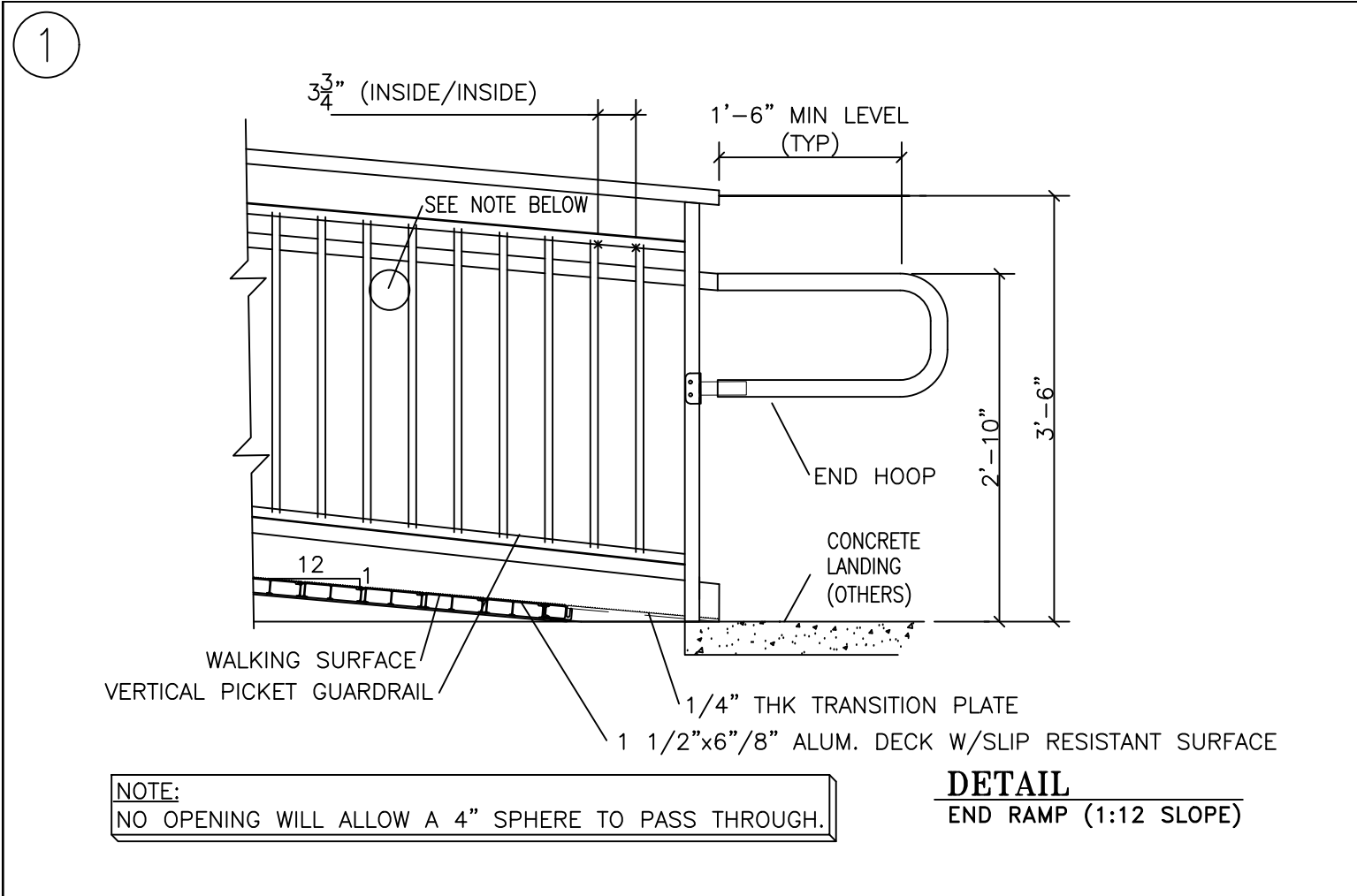
HYDRO
125 Superior Drive
Delhi, LA 71232
Phone: 1 (800) 779-5509
Fax: 1 (806) 840-4566



FOR QUOTATION
PURPOSES ONLY

UNIVERSAL RAMP SYSTEM
ALUMINUM ACCESS RAMP SYSTEM

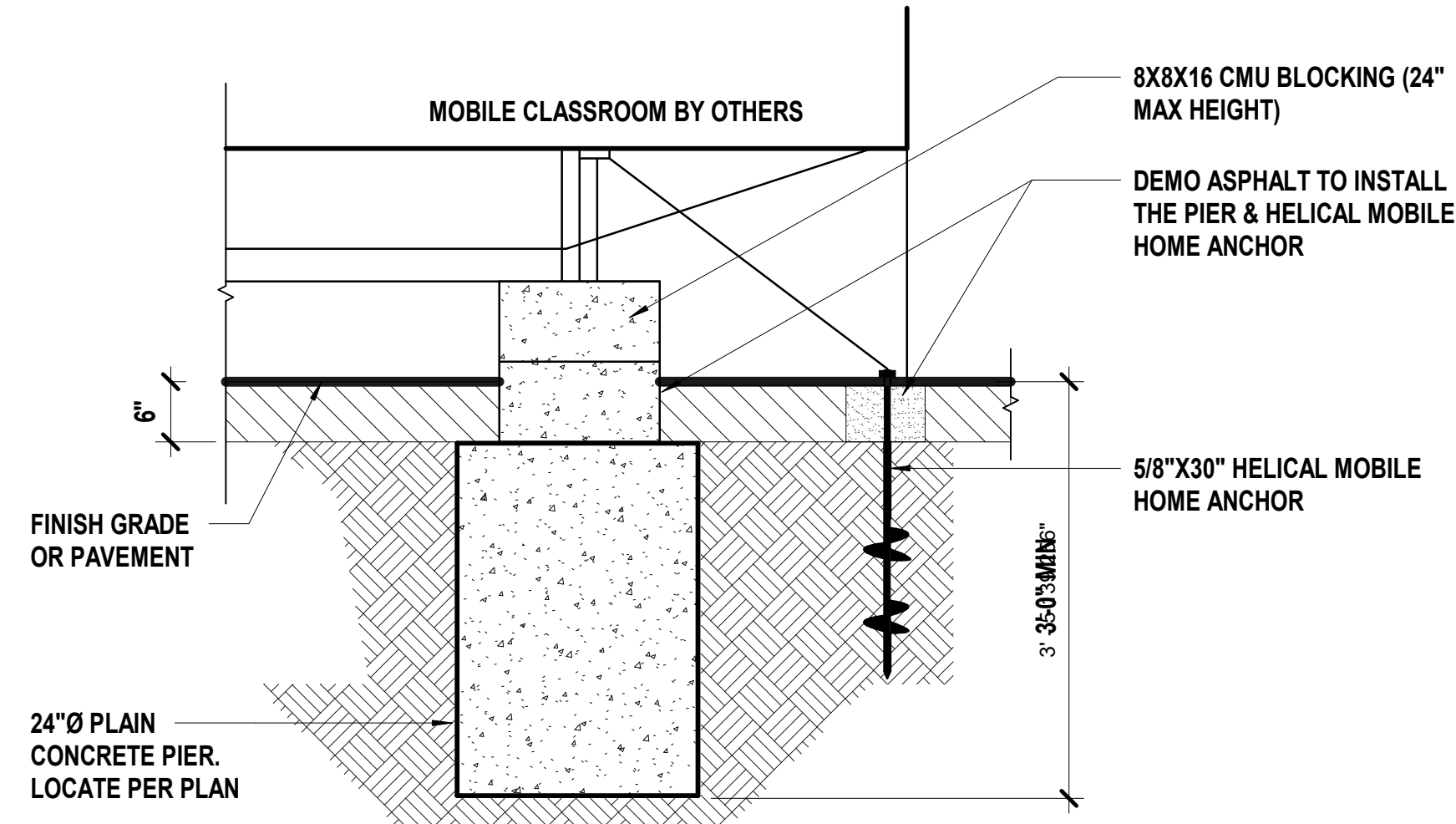
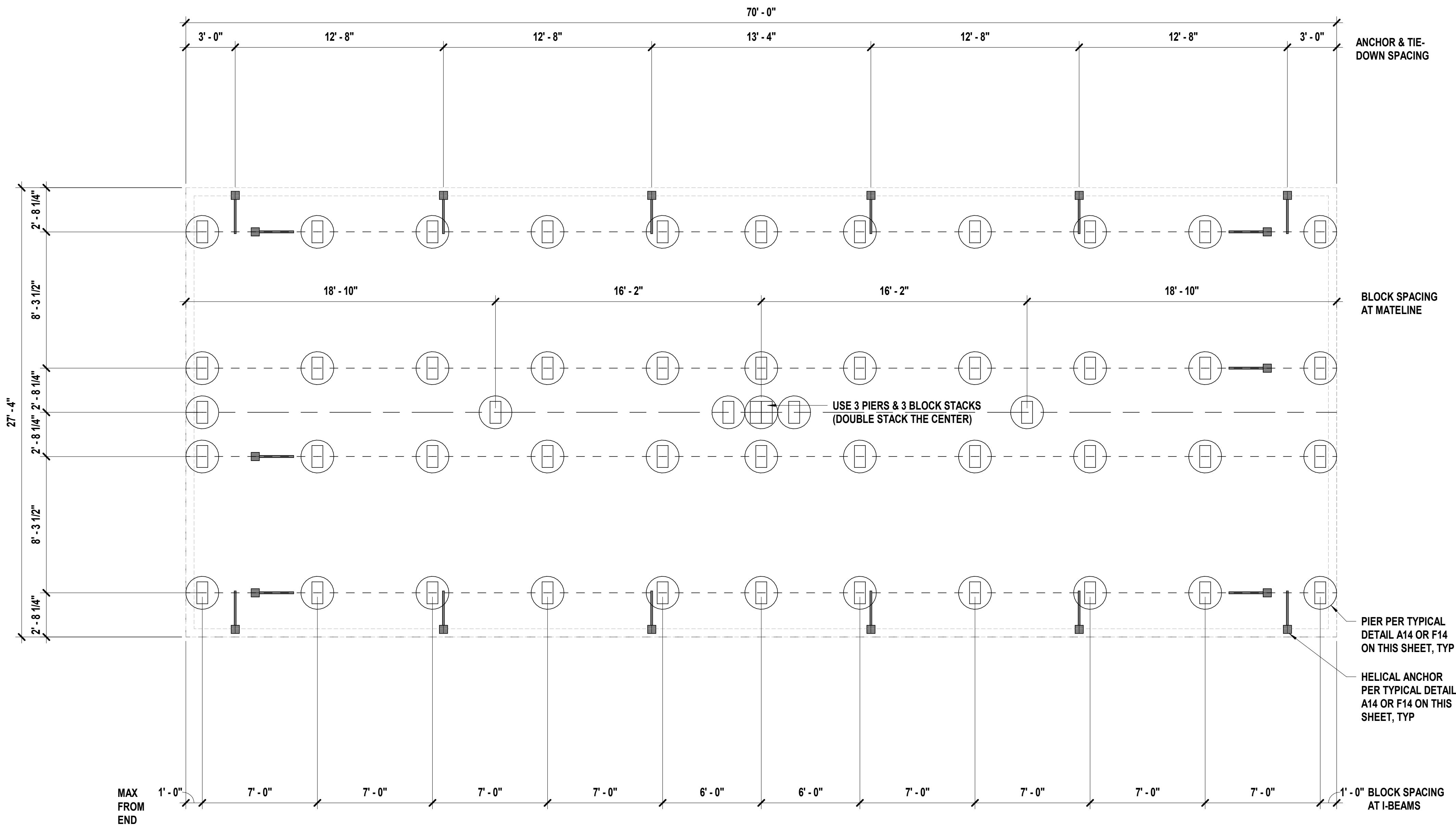
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JOB NO.	SALES URS
FILENAME	Sales URS
REV.	R - 0
DRAWN BY	TMB
APPROVED BY	
SHEET NUMBER	42VP-2



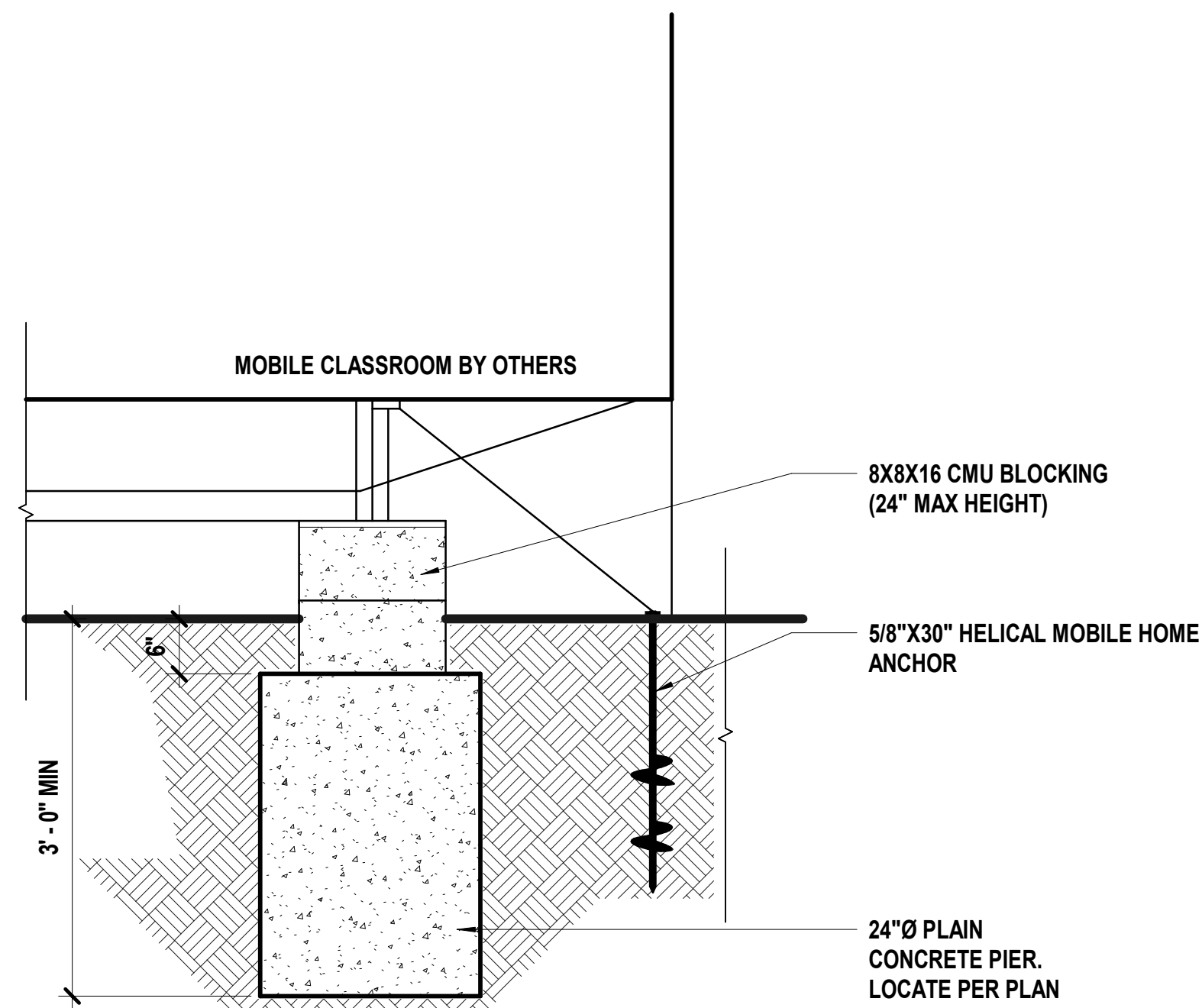
we design the future®
1828 Walnut Street Suite 922
Kansas City, MO 64108
7816.442.7700
115 Wilcox Street Suite 210
Castle Rock, CO 80104
7720.949.1689
HOLLISANDMILLER.COM

Hollis + Miller Architects
Missouri State Certificate of Authority
Architecture # 00001651
Structure # 2006031333

- NOTES:**
- BLOCK SPACING MAY VARY DUE TO AXLE HANGERS OR OTHER STRUCTURAL OBSTRUCTIONS.
 - SINGLE BLOCK STACKS ARE LIMITED TO THREE BLOCKS HIGH. ANY BLOCK STACK REQUIRING MORE THAN THREE 8"X8"X16" BLOCKS MUST BE DOUBLED AND CROSS-STACKED. THIS DOES NOT CHANGE ANCHORING LOCATIONS OR QUANTITIES.
 - ASSUMED SOIL BEARING CAPACITY IS 2000 PSF. SITE SPECIFIC SOIL CONDITIONS ARE TO BE VERIFIED BY OWNER, OR OWNER'S AGENT.



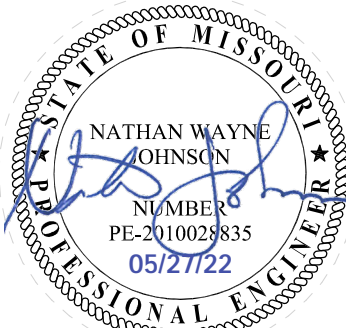
F14 Scale NTS Typical Blocking and Tiedown @ Pavement Detail



A14 Scale NTS Typical Blocking and Tiedown @ Field Detail

LEES SUMMIT WEST HIGH SCHOOL
Mobile Classroom Foundation Project
2600 SW Ward Rd.
Lee's Summit, MO 64082

REVISIONS:		
#	Description	Date



The Professional Engineer's seal and stamp is the official seal of the engineer and shall be placed on all plans and drawings. The engineer shall be responsible for the accuracy of the information provided and shall be responsible for the accuracy of the information provided.

JOB NO: 22096.00
DRAWN BY: JCH
CHECKED BY: NWJ
DATE: 05.27.2022

S100

ENERGY DESIGN CRITERIA:

NOTE: UNLESS OTHERWISE NOTED, ALL CODE REFERENCES BELOW ARE FROM THE 2009 IECC

CLIMATE ZONES: 4B AS SHOWN IN TABLE 301.1
FOR BUILDINGS WITH OVERALL WINDOWS AND GLAZED DOOR OPENINGS
TOTALING 10% OR LESS OF THE GROSS ABOVE-GRADE WALL AREA.

HEATING DEGREE DAYS: 5000 COOLING DEGREE DAYS: 1580

R-VALUES BETWEEN FRAMING MEMBERS ARE FROM TABLE 502.2(1)
ROOF: ALL WOOD JOIST / TRUSS: R-30
WALL: WOOD FRAMED: R-21
FLOOR: ALL WOOD JOIST / TRUSS: R-22

U-FACTOR FOR WINDOWS: DUAL PANE/ LOW-E GLASS = 0.49
SHGC FOR WINDOWS: DUAL PANE/ LOW-E GLASS = 0.25
U-FACTOR FOR DOORS: STEEL DOOR = 0.20

LIGHTING CONTROLS: BI-LEVEL SWITCHING FOR OFFICE AND / OR CLASSROOM LIGHTING.
PHOTOCELL CONTROLS FOR EXTERIOR LIGHTING.

GENERAL LIGHTING: FLUORESCENT LIGHT WITH T-8 LAMPS & ELECTRONIC BALLAST
EXTERIOR LIGHTING: WALL MOUNTED TWIN TUBE FLUORESCENT LIGHT ON PHOTOCELL

HVAC EFFICIENCY: WALL HUNG ELECTRIC HVAC UNITS: MIN. 9.2 EER

SYSTEM CONTROLS: PROGRAMMABLE THERMOSTAT WITH OCCUPANT OVERRIDE PER 503.2.4

OUTDOOR AIR VENTILATION RATE OF: 676.48 CFM PER EQUATION 4-1 AND TABLE 403.3 OF THE 2009 IMC

DUCT INSULATION: WHERE DUCTING IS USED, DUCTS SHALL BE SEPARATED FROM THE
BUILDING EXTERIOR BY A MINIMUM OF R-8 INSULATION.
(NOTE: DUCTING USED BY PALOMAR HAS A MINIMUM R-VALUE OF 5.6, AND
IS CONTAINED WITHIN THE BUILDING ENVELOPE.)

DUCT SEALING: DUCTS ARE TO BE SEALED IN ACCORDANCE WITH 503.2.7

NOTES:

DATA PLATE(S) TO BE INSTALLED ON THE COVER OF THE ELECTRICAL DISTRIBUTION PANEL AS NOTED ON SHEET A-2.

DECALS TO BE INSTALLED ON THE REAR END, ON THE LOWER LEFT-HAND CORNER OF MODULES WITH METAL SIDING.
BUILDINGS WITH SIDINGS WHICH ARE TO BE PAINTED AS A PART OF ROUTINE MAINTENANCE, THE DECALS ARE TO BE
LOCATED ON THE REAR END WALL OF THE MODULE, NEAR THE MATELINE, ABOVE THE SUSPENDED CEILING TILE.



SPECIAL CONDITIONS
AND / OR LIMITATIONS:

NOTE:
MATERIALS WHICH EQUAL OR EXCEED THOSE SPECIFIED
MAY BE SUBSTITUTED.

NOTE:
BUILDING IS TO BE LOCATED A MINIMUM OF 10 FT.
FROM PROPERTY LINE OR ASSUMED PROPERTY LINE.

PORTABLE FIRE EXINGUISHERS TO BE PROVIDED AND INSTALLED
BY OWNER

NOTE:
FIRE ALARM TO BE INSTALLED BY OTHERS.

NOTE:
ACCESSIBLE DRINKING FOUNTAIN WILL BE PROVIDED ON SITE
BY OWNER.

NOTE:
SERVICE SINK TO BE PROVIDED IN ADJACENT BLDG.

NOTE:
BUILDING MUST BE LOCATED WITH IN 500 FT. OF AN EXISTING
BUILDING PROVIDING TOILET FACILITIES CAPABLE OF SERVICING
THE COMBINED OCCUPANT LOAD OF THE EXISTING BUILDING(S)
IN ADDITION TO THIS BUILDING.

MISSOURI
PUBLIC SERVICE
COMMISSION
APPROVED
07/24/2017
MANUFACTURED
HOUSING

ACCESSIBILITY REQUIREMENTS:

NOTE:
HANDICAP ACCESSIBLE RAMP TO BE INSTALLED
BY OTHERS IN ACCORDANCE WITH THE A.D.A.
GUIDELINES.

DESIGN CRITERIA:

CODES: 2009 IBC
2009 IPC
2009 IMC
2008 NEC

2009 IECC
ANSI A 117.1 - 2003

OCCUPANCY CLASSIFICATION: E
OCCUPANCY CATEGORY: II
CONSTRUCTION TYPE: V-B
APPLIANCE FUEL TYPE: NONE

06/23/17

DESIGN LOADS:

ROOF LIVE LOAD: 20 PSF
FLOOR LIVE LOAD: 40 PSF
CONCENTRATED FLOOR LOAD: 1000 LBS

GROUND SNOW LOAD: 20 PSF
ROOF SNOW LOAD: 20 PSF
3 SECOND GUST WIND SPEED: 90 MPH
EXPOSURE: B

SEISMIC DESIGN CATEGORY: B
BUILDING AREA: 1913 S.F.
OCCUPANT LOAD: 90
OCCUPANT AGE GROUP: MIDDLE SCH. 12-14 YEARS

DRAWING INDEX: SHEET

COVER SHEET / SPECIFICATIONS	A-1
FLOOR PLAN	A-2
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CROSS-SECTION	A-4
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CHASSIS LAYOUT	S-2
FLOOR FRAMING LAYOUT	S-3
ROOF FRAMING LAYOUT	S-4
RAFTER DETAILS	S-5
RIDGE BEAM CONSTRUCTION	S-6
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NOT USED	M-2
CEILING GRID / HVAC LAYOUT	M-3
LIGHTING SCHEMATIC	E-1
POWER DISTRIBUTION SCHEMATIC	E-2
ELECTRICAL LOAD CALCULATIONS	E-3
ALARM SYSTEM LAYOUT	E-4

CLASSROOM BUILDING
S/N: 1730-32



No.	DESCRIPTION	BY	Date

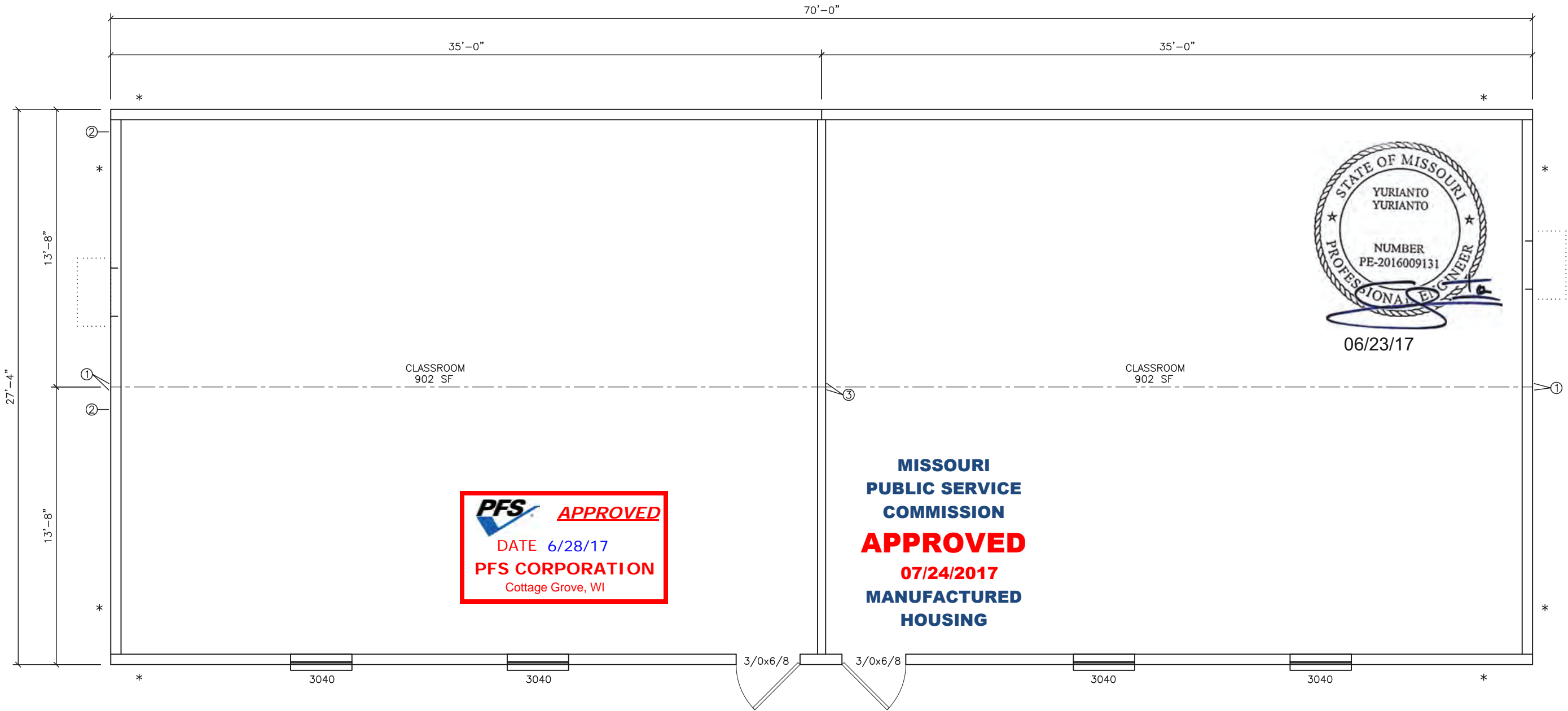
DATE:	6/19/17	N.T.S.	N.T.S.	SGD
SCALE:				
PLOT SCALE:				
DRAWN BY:				
CHECK BY:				

COVER SHEET / SPECIFICATIONS	
CLASSROOM BUILDING	
LEES SUMMIT, MO	
Dwg No. 2870 LEES SUMMIT	
S/N: 1730-32	

SHEET No.

A-1

P:\PALOMAR\Drawings\1750-52 - Lees Summit\2870 Lees Summit ISD.dwg, 07/22/2017 10:32:06 AM, GDB/IS



DOOR LEGEND					
CALLOUT	NOMINAL SIZE	MATERIAL	HARDWARE	GLAZING	NOTES
3/0x6/8	3'-0" x 6'-8"	18ga. STEEL DOOR	LEVER / PANIC	6x27	CLOSER, WEATHERSTRIP, DRIP CAP
THRESHOLDS AT DOORS NOT TO EXCEED 1/2", AND ARE TO BE BEVELED IF IN EXCESS OF 1/4"					

WINDOW LEGEND							
CALLOUT	NOMINAL SIZE	LIGHT	VENT	MATERIAL	FINISH	STYLE	GLAZING
3040	36" x 48"	10.51	5.25	ALUMINUM	BRONZE	SINGLE HUNG	DUAL / CLEAR / LOW-E

- * - DENOTES SHEAR WALL LOCATION
- ① - DENOTES 3 EACH 2x4s AND 1 EACH 3" WIDE x 26ga. STRAP AT MATE LINE FASTENED WITH 11 - 1 1/2" x 0.148" NAILS EACH END OF EACH STRAP
- ② - DENOTES TDLR LABEL LOCATION
- ③ - DENOTES 4 EACH 2x4s AND 1 EACH 3" WIDE x 26ga. STRAP AT MATE LINE FASTENED WITH 11 - 1 1/2" x 0.148" NAILS EACH END OF EACH STRAP

1 FLOOR PLAN
scale: 1/8" = 1'-0"

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Development Services Department
Lee's Summit, Missouri
06/01/2017

No.	DESCRIPTION	BY	DATE

DATE:	06/15/2017
SCALE:	3/16" = 1'-0"
PLOT SCALE:	1:1
DRAWN BY:	SGD
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CLASSROOM BUILDING LEE'S SUMMIT, MISSOURI FLOOR PLAN FILE: 2870 Lees Summit ISD SERIAL #: 1730-52

SHEET No.
A-2

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4 SOUTH ELEVATION
scale: 3/16" = 1'-0"



- NOTES:
- 1) STEEL SIDING PANELS ARE MIN. 0.0150" THICK BASE METAL CONFORMING TO TABLE 1405.2 OF THE 2009 IBC.
 - 2) GALVALUME ROOFING PANELS CONFORM TO THE REQUIREMENTS OF ASTM A 792 AZ 50 PER TABLE 1507.4.3(1) AND 1507.4.3(2) OF THE 2009 IBC. APPLY LAP SEALANT TO LAPPED SEAMS OF ROOF PANELS.

3 EAST ELEVATION
scale: 3/16" = 1'-0"

2 WEST ELEVATION
scale: 3/16" = 1'-0"

1 NORTH ELEVATION
scale: 3/16" = 1'-0"

No.	DESCRIPTION	BY	DATE

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PLOT SCALE:	1:1
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CLASSROOM BUILDING LEE'S SUMMIT, MISSOURI EXTERIOR ELEVATIONS FILE: 2870 Lees Summit ISD SERIAL #: 1730-32
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No.	DESCRIPTION	BY	DATE

DATE:	06/16/2017
SCALE:	1/4" = 1'-0"
PLOT SCALE:	1:1
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CLASSROOM BUILDING LEE'S SUMMIT, MISSOURI CROSS SECTION FILE: 2870 Lees Summit ISD SERIAL #: 1730-32
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SHEET No. A-4

- ① STANDARD PAD ON GRADE, ABS BASE WITH CMU BLOCK
- ② M12x11.8 FRAME RAILS CONFORMING TO ASTM A529-50
- ③ WOVEN POLYETHYLENE BOTTOM BOARD
- ④ SKIRTING INSTALLED ON SITE AFTER UNIT ASSEMBLY
- ⑤ 2-2x8 #3 SYP MIN. FLOOR RIM JOISTS
- ⑥ 2x8 # 2 SYP MIN. FLOOR JOISTS AT 16"o.c.
- ⑦ R-22 INSULATION IN FLOOR CAVITY
- ⑧ 3/4" T&G ADVANTECH DECKING
- ⑨ VINYL COMPOSITION FLOOR TILE
- ⑩ SIDEWALL STRAPPED TO FLOOR WITH 1 1/2" x 30ga GALV. STRAPS AT 48"o.c. FASTENED WITH 6-16ga STAPLES EACH END OF EACH STRAP
- ⑪ 2x6 #3 SYP MIN. BOTTOM PLATE
- ⑫ R-21 INSULATION IN EXTERIOR WALLS

- ⑬ 7/16" RATED SHEATHING OSB UNDER A WEATHER-RESISTIVE BARRIER CONFORMING TO 1404.2 OF THE 2009 IBC, FASTENED WITH 8d NAILS AT 6"o.c. AT EDGES AND 12"o.c. IN THE FIELD
- ⑭ 2x6 #2 SYP MIN. STUDS AT 16"o.c.
- ⑮ STEEL SIDING PANELS CONFORMING TO TABLE 1405.2 OF THE 2009 IBC
- ⑯ R-11 INSULATION IN INTERIOR WALLS
- ⑰ 2x4 #2 SYP MIN. AT 16"o.c. INTERIOR WALLS
- ⑱ 2-2x6 #3 SYP MIN. EXTERIOR WALL TOP PLATES
- ⑲ VINYL CLAD 5/8" TYPE 'X' GYPSUM WALLBOARD.
- ⑳ SUSPENDED GRID ACOUSTIC CEILING
- ㉑ POLY NETTING ON BOTTOM OF RAFTERS
- ㉒ 2-2x4 #3 SYP MIN. INTERIOR WALL TOP PLATES
- ㉓ ROOF STRAPPED TO SIDEWALL WITH 1 1/2" x 30ga GALV. STRAPS AT 48"o.c. FASTENED WITH 6-16ga STAPLES EACH END OF EACH STRAP

- ㉔ 2x10 #2 SYP MIN. ROOF RIM JOIST
- ㉕ R-30 INSULATION IN RAFTER CAVITY
- ㉖ 2x10 #2 SYP MIN RAFTERS AT 24"o.c.
- ㉗ FOUR LAYER SOLID PLYWOOD RIDGE BEAM, EACH LAYER OF 3/4", 5-LAYER, 5-PLY GROUP 1 SPECIES PLYWOOD. BEAM IS CONSTRUCTED PER THE APA "DESIGN AND FABRICATION OF ALL-PLYWOOD BEAMS" SUPPLEMENT 5
- ㉘ RAFTERS STRAPPED TO RIDGE BEAM WITH 1 1/2" x 30ga STRAP FASTENED WITH 6-16ga STAPLES EACH END OF EACH STRAP.
- ㉙ 7/16" SHEATHING RATED OSB WITH H-CLIPS, FASTENED W/ 8d NAILS AT 4"o.c. EDGES AND 8"o.c. FIELD, OVER 15# FELT PAPER
- ㉚ 29 Ga. GALVALUME ROOFING PANELS CONFORMING TO ASTM A 792 AZ50 PER TABLES 1507.4.3(1)
- ㉛ 2x4 LEDGER FASTENED TO RIDGE BEAM W/3-16d NAILS EACH RAFTER LOCATION OR SIMPSON MMLU-26 JOIST HANGER FASTENED WITH 4-1 1/2" x 8d NAILS TO BEAM AND 2-1 1/2" x 8d NAILS TO RAFTER
- ㉜ UNITS FASTENED TOGETHER AT FLOOR AND RIDGE BEAM WITH 6/8" x 6" LAG BOLTS AT 32"o.c. STAGGERED

NOTES:

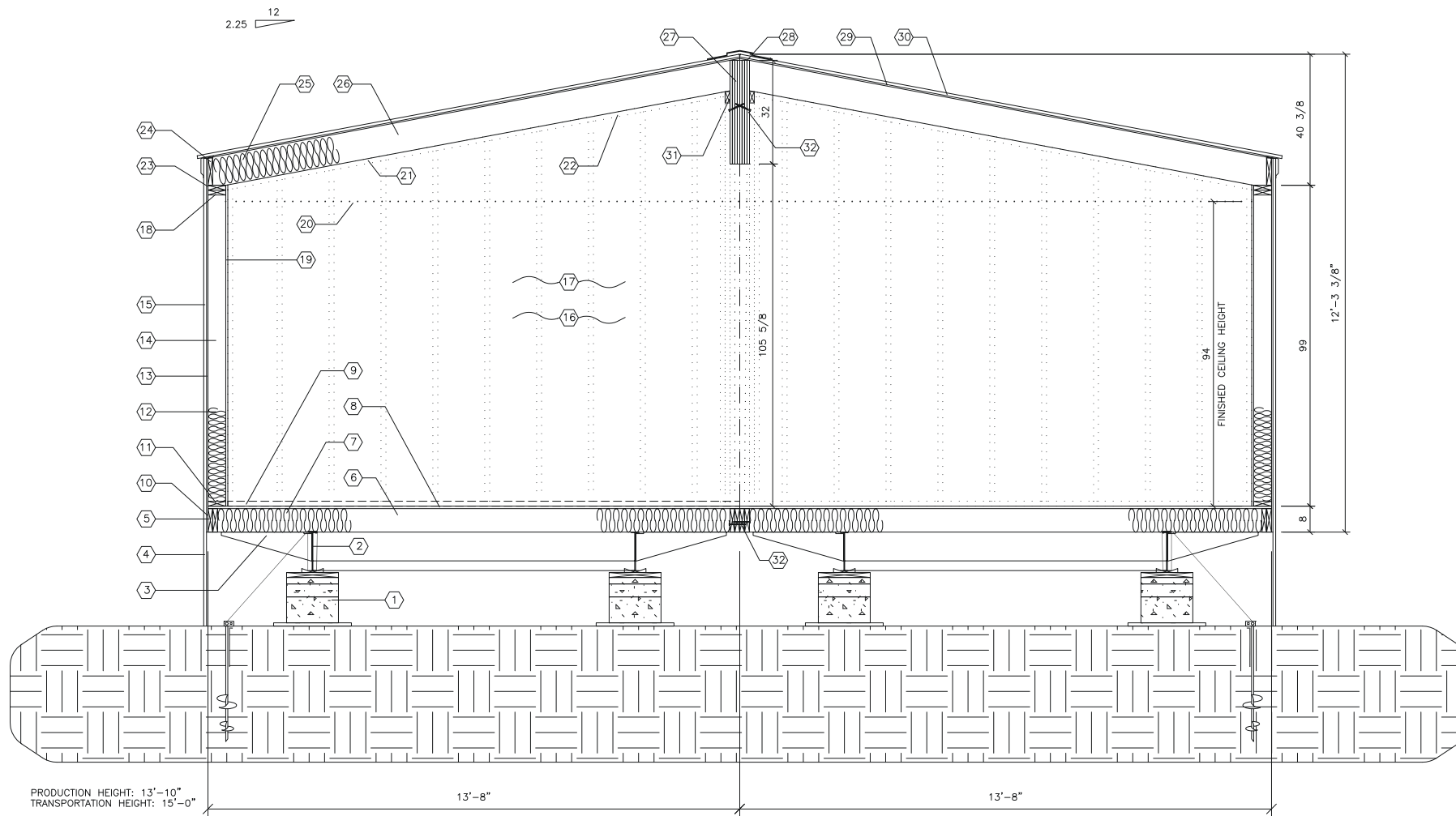
- CRAWL SPACE TO BE VENTILATED IN ACCORDANCE WITH 2009 INTERNATIONAL BUILDING CODE SECT. 1203.3.2. INSTALL SO AS TO PROVIDE CROSS-VENTILATION OF CRAWL SPACE. INSTALL MINIMUM 18" x 24" ACCESS PANEL IN SKIRTING.
- BLOCK HEIGHTS SHOWN ARE TYPICAL, ANY BLOCK STACKS, OTHER THAN AT MATELINES, REQUIRING MORE THAN THREE 8" x 8" x 16" BLOCKS MUST BE DOUBLED. THIS DOES NOT CHANGE ANCHORING LOCATIONS OR QUANTITIES.
- FRONT CROSS-MEMBER IS FULL DEPTH I-BEAM (SAME AS CHASSIS). HITCH / COUPLER IS VENTURE OR EQUIVALENT 30,000# MIN. RATED. TIRES ARE 8 x 14-5, 8-PLY OR BETTER, 2805# MIN LOAD RATING. FRAME PAINT IS EMULSION BASE PAINT. OUTRIGGERS AND U-CHANNEL CROSS-MEMBERS ARE 14ga MINIMUM. OUTRIGGER SIZE IS 9" x 28".
- METAL ROOF AND WALL PANELS TO BE FASTENED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE APPROPRIATE WIND SPEED FOR THE BUILDING INSTALLATION LOCATION.



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PRODUCTION HEIGHT: 13'-10"
TRANSPORTATION HEIGHT: 15'-0"

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- NOTES:
- BLOCK SPACING MAY VARY DUE TO AXLE HANGERS OR OTHER STRUCTURAL OBSTRUCTIONS.
 - BASE PADS ARE TO BE 24" x 24" ABS PADS. 16" x 18" ABS BASE PADS MAY BE USED AT EXTERIOR DOOR LOCATIONS FOR DOOR ADJUSTMENT WHERE NECESSARY.
 - SINGLE BLOCK STACKS ARE LIMITED TO THREE BLOCKS HIGH. ANY BLOCK STACK REQUIRING MORE THAN THREE 8" x 8" x 16" BLOCKS MUST BE DOUBLED AND CROSS-STACKED. THIS DOES NOT CHANGE ANCHORING LOCATIONS OR QUANTITIES.
 - ASSUMED SOIL BEARING CAPACITY IS 2000 PSF. SITE SPECIFIC SOIL CONDITIONS ARE TO BE VERIFIED BY OWNER, OR OWNER'S AGENT.



06/23/17

1 BLOCKING & TIE-DOWN LAYOUT
scale: 1/8" = 1'-0"

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06/01/2017

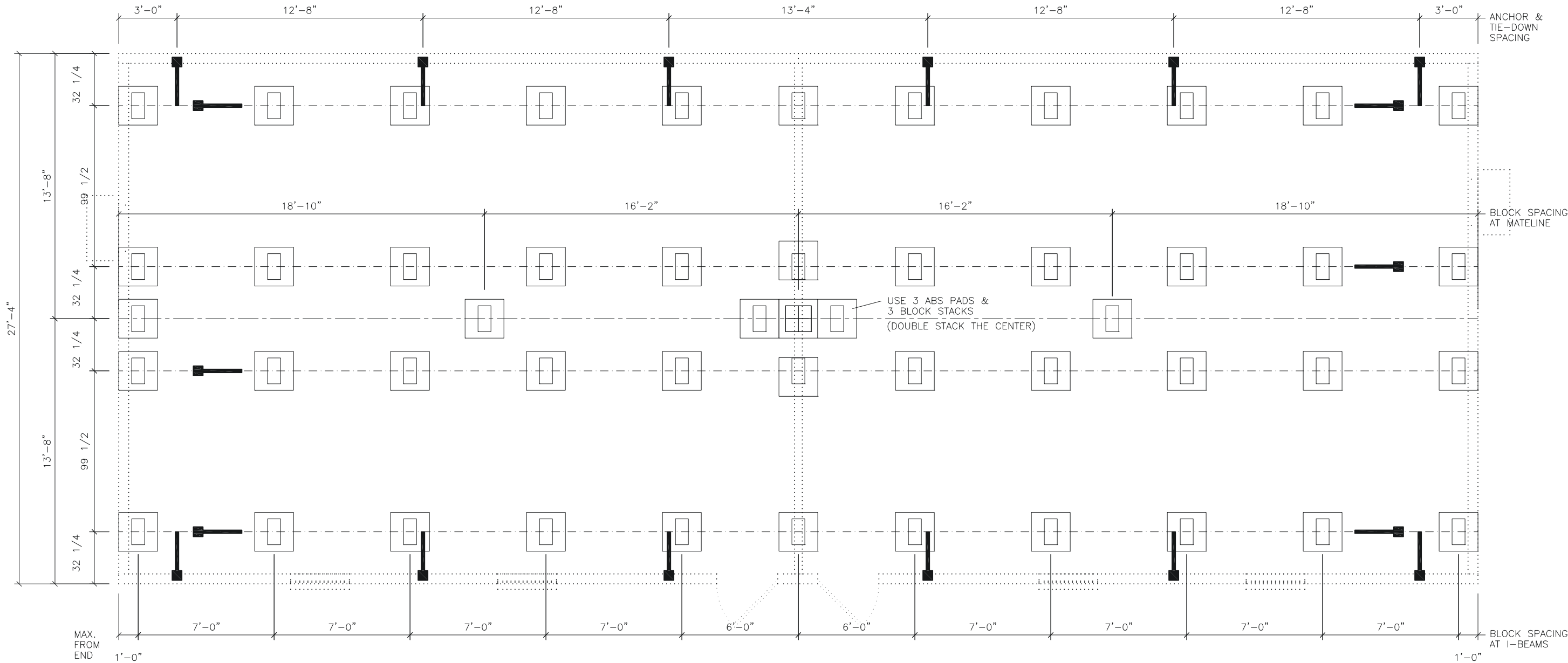
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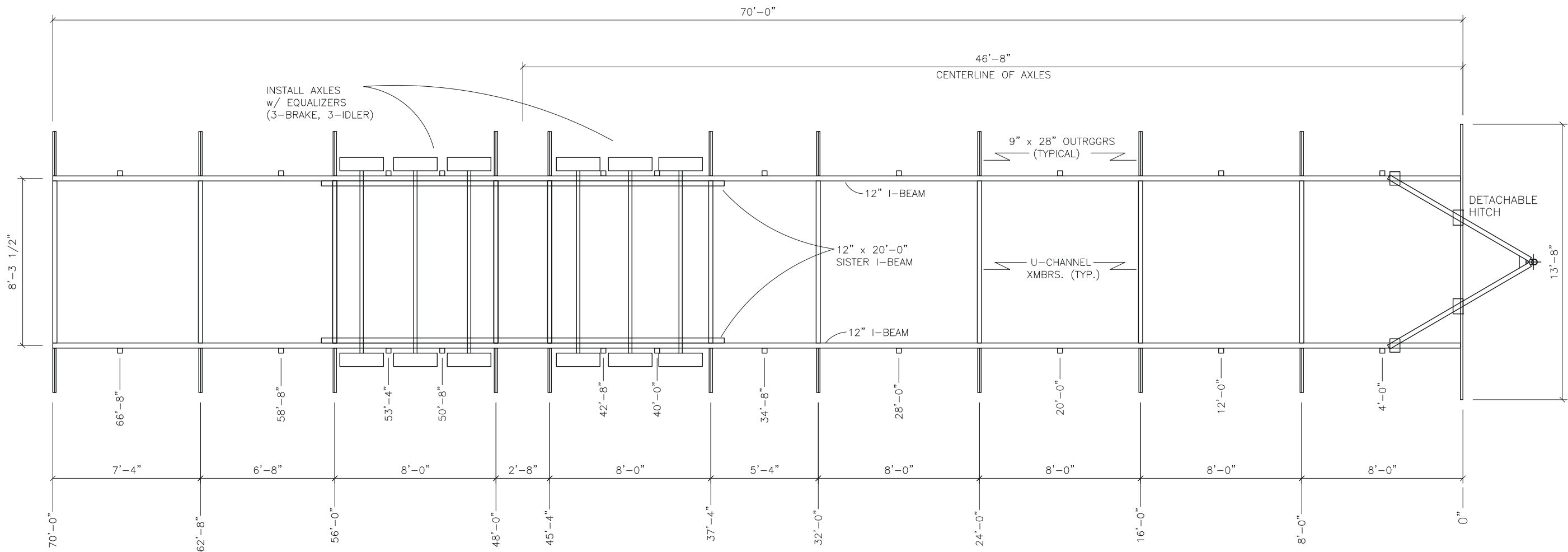
No.	DESCRIPTION	BY	DATE

DATE:	06/16/2017
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PLOT SCALE:	1:1
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CLASSROOM BUILDING
LEE'S SUMMIT, MISSOURI
BLOCKING & TIE-DOWN LAYOUT
FILE: 2870 Lees Summit ISD
SERIAL #: 1730-32

SHEET No.
S-1





NOTES:
FRONT CROSS-MEMBER IS FULL DEPTH I-BEAM (SAME AS CHASSIS)
HITCH / COUPLER IS VENTURE OR EQUIVALENT 30,000# MIN. RATED
TIRES ARE 8 x 14.5, 8-ply, 2805# MIN LOAD RATING
FRAME PAINT IS ZINC CHROMATE OR ASHPALTIC BASE
OUTRIGGERS AND U-CHANNEL CROSS-MEMBERS ARE 14 ga. MIN.



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CLASSROOM BUILDING LEE'S SUMMIT, MISSOURI CHASSIS LAYOUT FILE: 2870 Lees Summit ISD SERIAL #: 1730-32

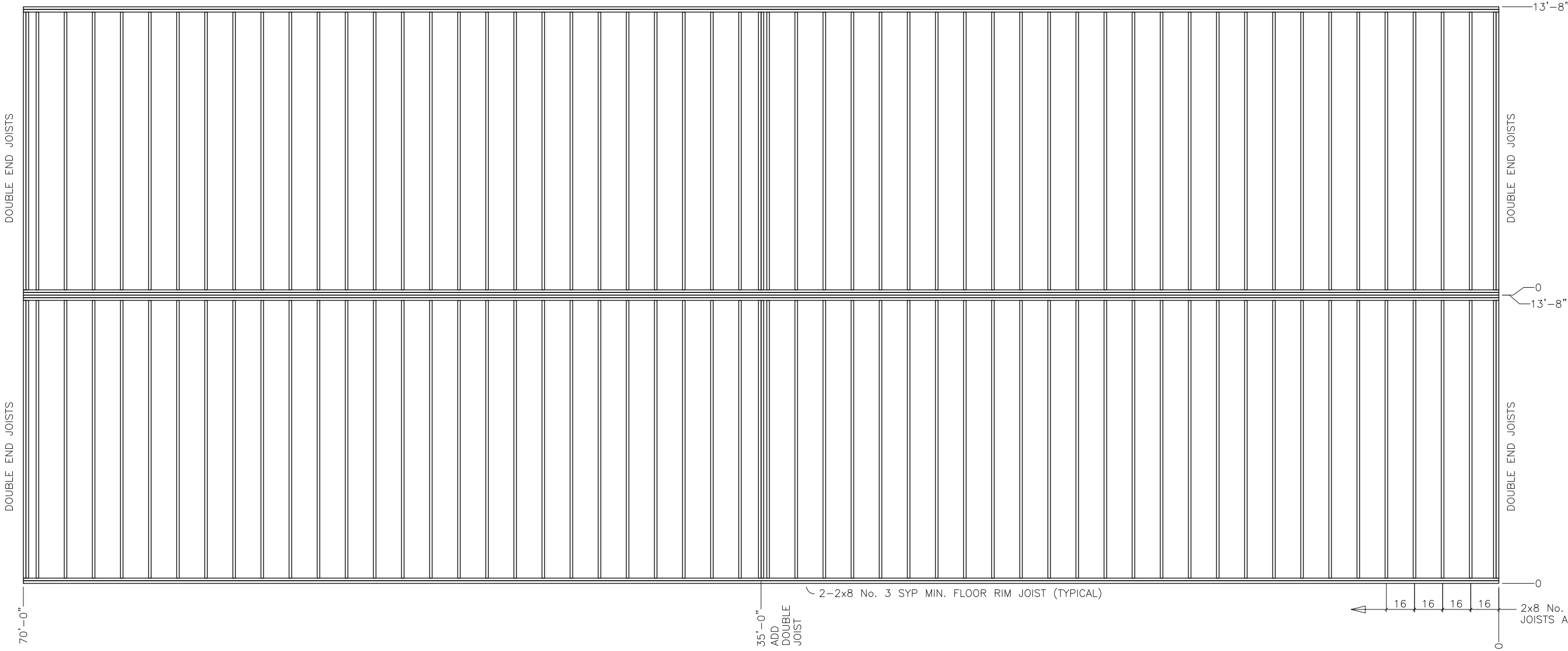
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1 FLOOR FRAMING LAYOUT
scale: 3/16" = 1'-0"

CLASSROOM BUILDING
LEE'S SUMMIT, MISSOURI
FLOOR FRAMING LAYOUT
FILE: 2870 Lees Summit ISD
SERIAL #: 1730-32

SHEET No.
S-3

DATE: 06/16/2017
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1 ROOF FRAMING LAYOUT
scale: 3/16" = 1'-0"

CLASSROOM BUILDING
LEE'S SUMMIT, MISSOURI
ROOF FRAMING LAYOUT
FILE: 2870 Lees Summit ISD
SERIAL #: 1730-32

SHEET No.
S-4

DATE: 06/16/2017
SCALE: 3/16" = 1'-0"
PLOT SCALE: 1:1
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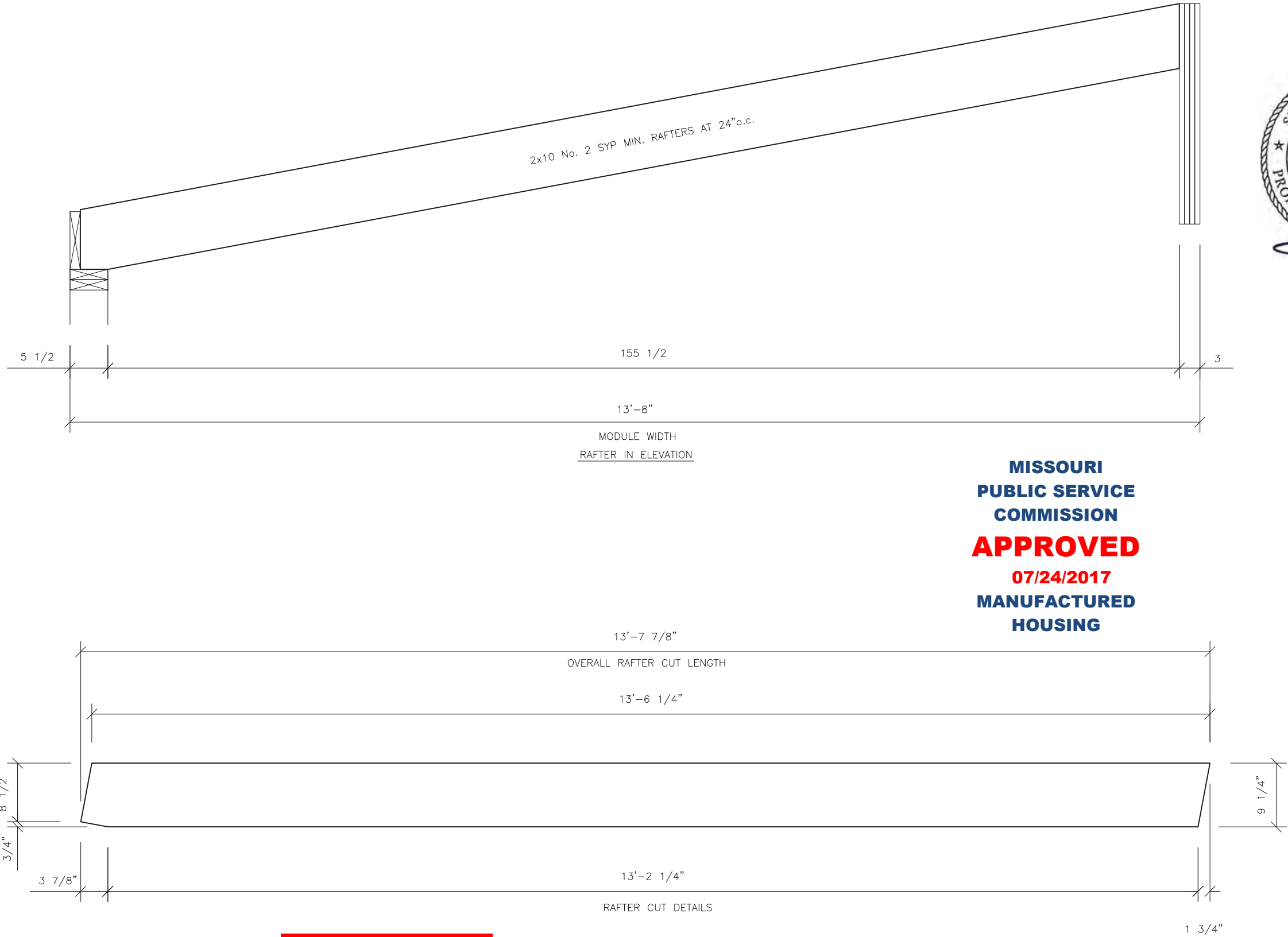
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1 **RAFTER DETAILS**
scale: 3/4" = 1'-0"

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CLASSROOM BUILDING
LEE'S SUMMIT, MISSOURI
RAFTER DETAILS
FILE: 2870 Lees Summit ISD
SERIAL #: 1730-32

SHEET No.
S-5



1. RIDGE BEAM CONSTRUCTION IS SAME FOR BOTH HALVES (MIRRORED)
2. RIDGE BEAM CONSTRUCTION SHALL BE IN ACCORDANCE WITH APA PLYWOOD DESIGN SPECIFICATION, SUPPLEMENT 5, AND SECTION 9 OF THE DESIGN MANUAL.
3. RIDGE BEAM IS CONSTRUCTED WITH 3/4", 5-PLY, 5-LAYER GROUP 1 SPECIES PLYWOOD.



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1 RIDGE BEAM CONSTRUCTION

DATE:	06/16/2017
SCALE:	3/16" = 1'-0"
PLOT SCALE:	1:1
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CLASSROOM BUILDING
LEE'S SUMMIT, MISSOURI
RIDGE BEAM CONSTRUCTION
FILE: 2870 Lees Summit ISD
SERIAL #: 1730-32

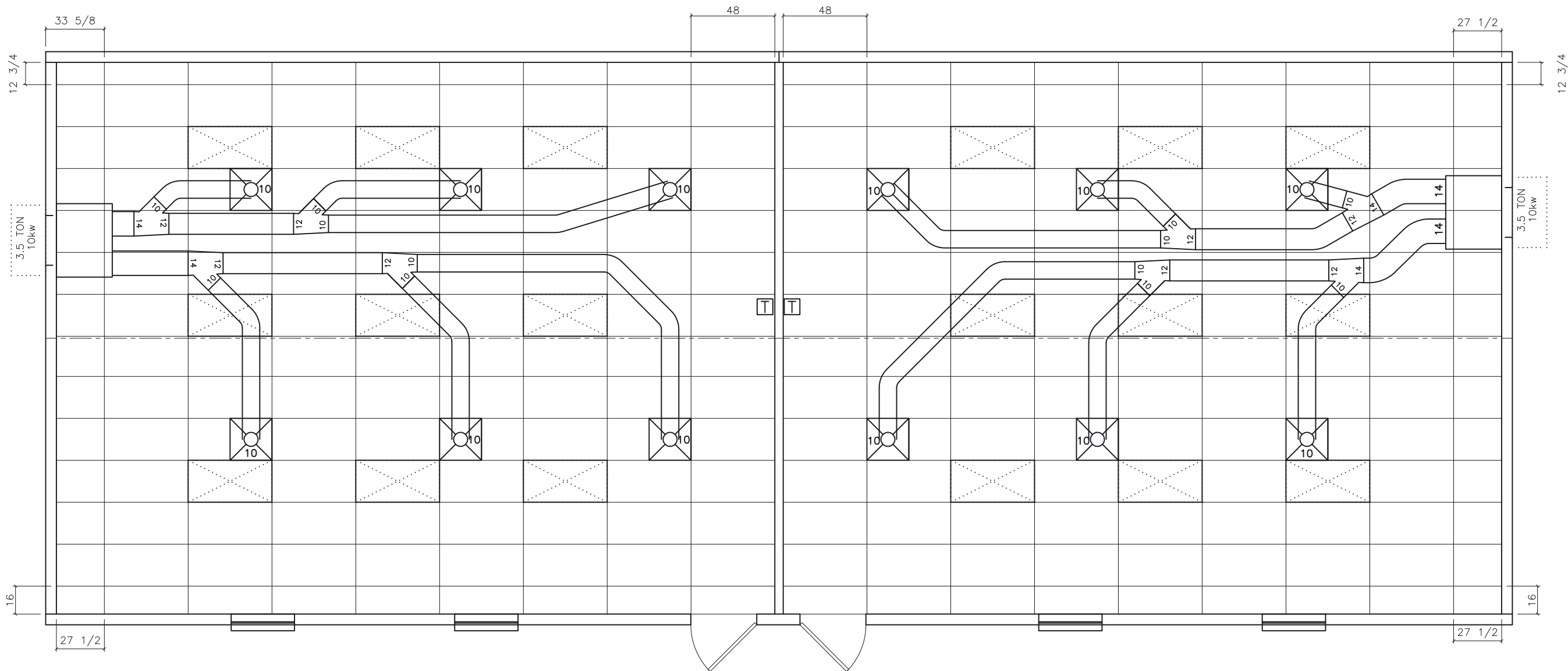
SHEET No.
S-6

No.	DESCRIPTION	BY	DATE

DATE:	06/19/2017
SCALE:	3/16" = 1'-0"
PLOT SCALE:	1:1
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CLASSROOM BUILDING
LEE'S SUMMIT, MISSOURI
CEILING GRID / HVAC LAYOUT
FILE: 2870 Lees Summit ISD
SERIAL #: 1730-32

SHEET No.
M-3



SYMBOL LEGEND	
	2' x 4' FLUORESCENT LIGHT WITH 4 x 32 WATT LAMPS & ELECTRONIC BALLAST (112 WATTS)
	24"x 24" SUPPLY DIFFUSER
	PROGAMMABLE THERMOSTAT

NOTE: DUCTING IS CLASS 1, U.L. 181 LISTED FLEXIBLE FIBERGLASS DUCTING.



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1 CEILING GRID / HVAC LAYOUT
scale: 3/16" = 1'-0"

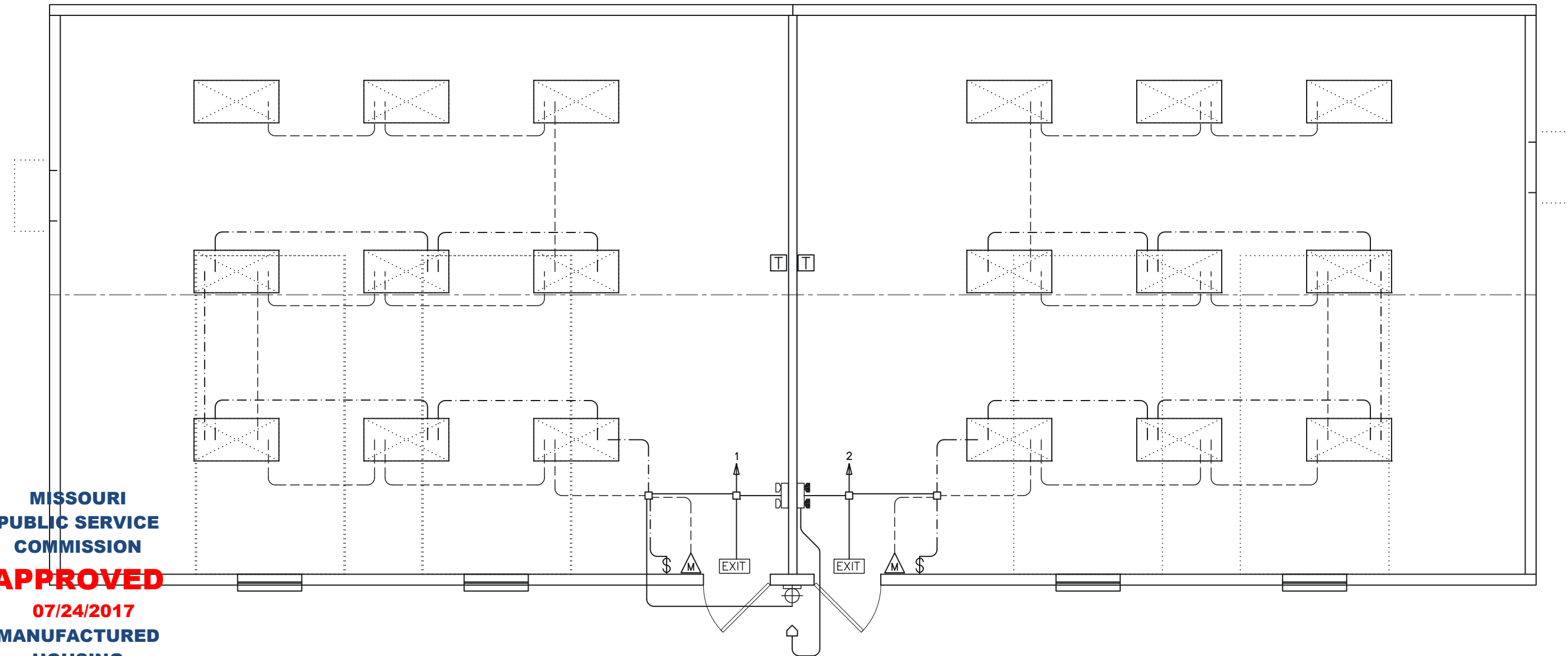
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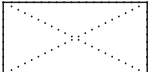














DATE:	06/19/2017
SCALE:	3/16" = 1'-0"
PLOT SCALE:	1:1
DRAWN BY:	SGD
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CLASSROOM BUILDING LEE'S SUMMIT, MISSOURI LIGHTING SCHEMATIC FILE: 2870 Lees Summit ISD SERIAL #: 1730-32

SHEET No. E-1

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ELECTRICAL SYMBOL LEGEND					
	48" x 24" FLUORESCENT LIGHT w/ T-8 LAMPS & ELECTRONIC BALLAST (112w)		RECEPTACLE		ELECTRICAL DIST. PANEL
	VANDAL-PROOF EXTERIOR COMPACT FLUORESCENT LIGHT ON PHOTOCELL (26w)		WEATHER-PROOF GFI RECEPTACLE		LED EXIT LIGHT w/ BATTERY BACK-UP
	SWITCH		PHONE / DATA STUB-IN		EMERGENCY LIGHT w/ BATTERY BACK-UP & REMOTE HEAD
	OCCUPANCY SENSOR		7-DAY PROGRAMMABLE THERMOSTAT w/ OCCUPANT OVERRIDE		EMERGENCY LIGHT w/ BATTERY BACK-UP
			JUNCTION BOX		EMERGENCY LIGHT REMOTE HEAD
					DENOTES DAYLIGHTING ZONE. LIGHTS WITHIN THE DAYLIGHTING ZONE TO BE INDEPENDENTLY CONTROLLED SEPARATE FROM NORMAL CLASSROOM LIGHTS
GENERAL NOTES: BUILDING IS: 120/240v 3-WIRE SINGLE PHASE ELECTRICAL CONDUIT: ELECTRICAL NON-METALLIC TUBING ELECTRICAL WIRING: MIN. #12 THHN COPPER WITH GROUND GROUNDING ON SITE: PER 2011 NEC ARTICLE 250-50					



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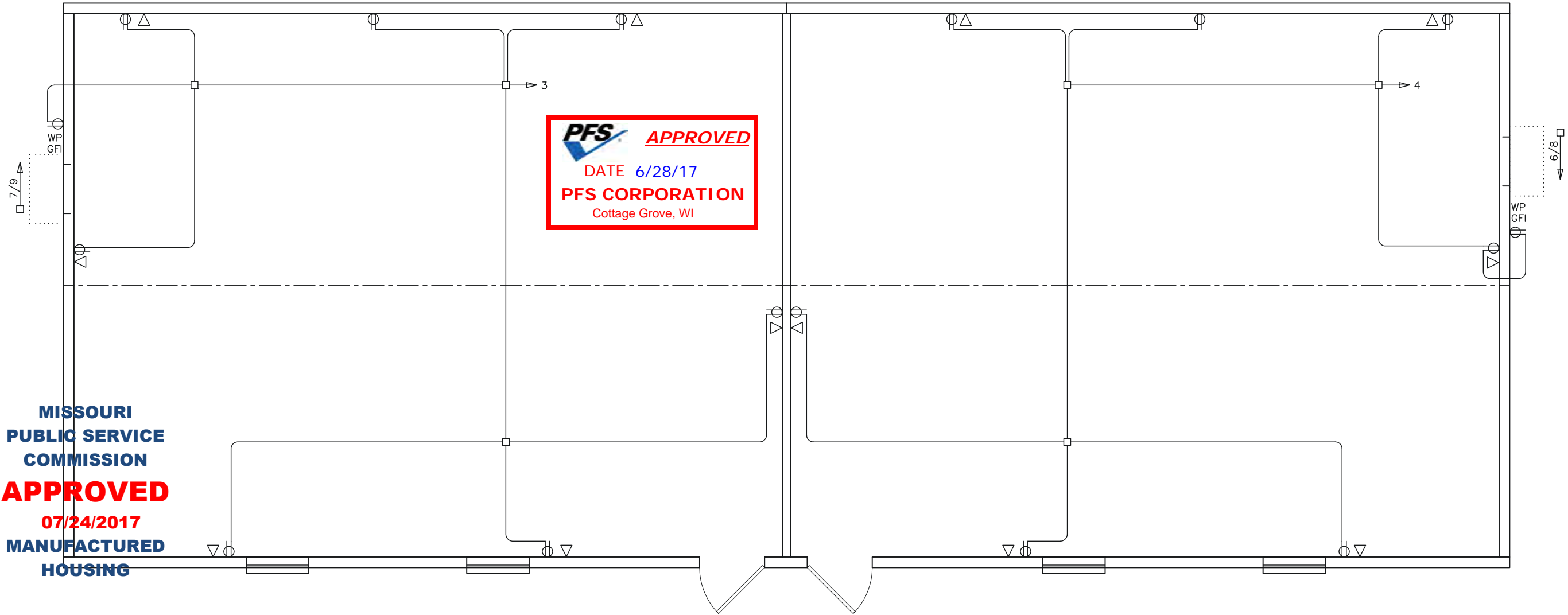
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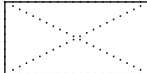














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No.	DESCRIPTION	BY	DATE

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CLASSROOM BUILDING LEE'S SUMMIT, MISSOURI POWER DISTRIBUTION SCHEMATIC FILE: 2870 Lees Summit ISD SERIAL #: 1730-32



ELECTRICAL SYMBOL LEGEND					
	48" x 24" FLUORESCENT LIGHT w/ T-8 LAMPS & ELECTRONIC BALLAST (112w)		RECEPTACLE		ELECTRICAL DIST. PANEL
	VANDAL-PROOF EXTERIOR COMPACT FLUORESCENT LIGHT ON PHOTOCELL (26w)		WEATHER-PROOF GFI RECEPTACLE		LED EXIT LIGHT w/ BATTERY BACK-UP
	SWITCH		PHONE / DATA STUB-IN		EMERGENCY LIGHT w/ BATTERY BACK-UP & REMOTE HEAD
	OCCUPANCY SENSOR		7-DAY PROGRAMMABLE THERMOSTAT w/ OCCUPANT OVERRIDE		EMERGENCY LIGHT w/ BATTERY BACK-UP
			JUNCTION BOX		EMERGENCY LIGHT REMOTE HEAD
					
				DENOTES DAYLIGHTING ZONE. LIGHTS WITHIN THE DAYLIGHTING ZONE TO BE INDEPENDENTLY CONTROLLED SEPARATE FROM NORMAL CLASSROOM LIGHTS	
				GENERAL NOTES: BUILDING IS: 120/240v 3-WIRE SINGLE PHASE ELECTRICAL CONDUIT: ELECTRICAL NON-METALLIC TUBING ELECTRICAL WIRING: MIN. #12 THHN COPPER WITH GROUND GROUNDING ON SITE: PER 2011 NEC ARTICLE 250-50	

GENERAL NOTES:
BUILDING IS: 120/240v 3-WIRE SINGLE PHASE
ELECTRICAL CONDUIT: ELECTRICAL NON-METALLIC TUBING
ELECTRICAL WIRING: MIN. #12 THHN COPPER WITH GROUND
GROUNDING ON SITE: PER 2011 NEC ARTICLE 250-50



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(Structural Aspects Only)

MIN WIRE SIZE		200 AMP 240v SINGLE PHASE MAIN BREAKER				PANEL 'A'	MIN WIRE SIZE
12	LIGHTS: LEFT CLASSROOM	20	1	2	20	LIGHTS: RIGHT CLASSROOM	12
12	RECEPTS: LEFT CLASSROOM	20	3	4	20	RECEPTS: RIGHT CLASSROOM	12
6	HVAC UNIT: LEFT CLASSROOM 3.5 TON / 10kw	60	5	6	60	HVAC UNIT: RIGHT CLASSROOM 3.5 ton / 10kw	6
			9	10			
			11	12			
			13	14			
			15	16			
			17	18			
			19	20			
			21	22			
			23	24			

GROUND BAR

NEUTRAL

WIRE SIZE OF:	
Service Conductors:	3/0
Service Ground:	4

TOTAL PANEL LOAD:	
Total Watts:	33861 watts
Voltage:	240 v
Total Amps:	141.09 amps

Service Conduit Size

IMC	2
PVC	2
RMC	2



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BUILDING TOTAL LOAD:

Panel "A" Load:	33861 watts
Total:	33861 watts
Voltage:	240 v
Total Amps:	141.08667 Amps

240 v			
LOAD CALC:		200 AMP	
QTY	ITEM	WATTS	TOTAL
18	Fluorescent T-8's	x 112	2520 watts
	Compact Fluorescent	x 26	0 watts
	Fluorescent 17w 2 Lamp	x 31	0 watts
1	Ext. CFL Light	x 84	105 watts
	Exhaust Fan 80 cfm	x 84	0 watts
	Appliance circuit	x 1920	0 watts
16	Recept Duplex	x 180	2880 watts
	Recept Dedicated	x 1920	0 watts
	Water Heater (240v)	x 6000	0 watts
	Water Cooler	x 410	0 watts
	Res. Refrigerator	x 840	0 watts
	Duct Detector	x 1	0 watts
2	Emergency Light	x 14.4	29 watts
2	Exit Sign	x 2.8	7 watts
2	Bard 3.5Ton / 10kw (240v)	x 14160	28320 watts
0	Air Handler 3 Ton / 10kw (240v)	x 12420	0 watts
Total Watts:		33861	
Total Amps:		141.09	

Released for
CONSTRUCTION
As Noted on Plans Review

Development Services Department
Lee's Summit, Missouri
06/01/2023
YURI YURIANTO
MODULAR STRUCTURES
CONSULTANTS LLC
TX. REG. # F-11883
9720 COIT RD. STE. 100
PLANO, TX. 75023

PALOMAR
MODULAR BUILDINGS LLC
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505 NORTH I-35 E
DESOTO, TX. 75115

No.	DESCRIPTION	BY	Date

DATE:	6/17/2005
SCALE:	N.T.S.
PLOT SCALE:	N.T.S.
DRAWN BY:	SGD
CHECK BY:	

ELECTRICAL CALCULATIONS
JAMES McHUGH CONST. CO.
ODESSA, TEXAS
Dwg. No. 1244JMCC-UPRR
S/N:

SHEET No.

E-3

P:\PALOMAR\Drawings\2870 Lees Summit ISD.dwg, 6/19/2017 1:46:08 PM, GDBMS

MODULAR STRUCTURES
CONSULTANTS
9720 COIT RD. STE. 220
PLANO, TEXAS 75025-3838
PHONE: 972-896-5338
TX. REGISTRATION # F-13889

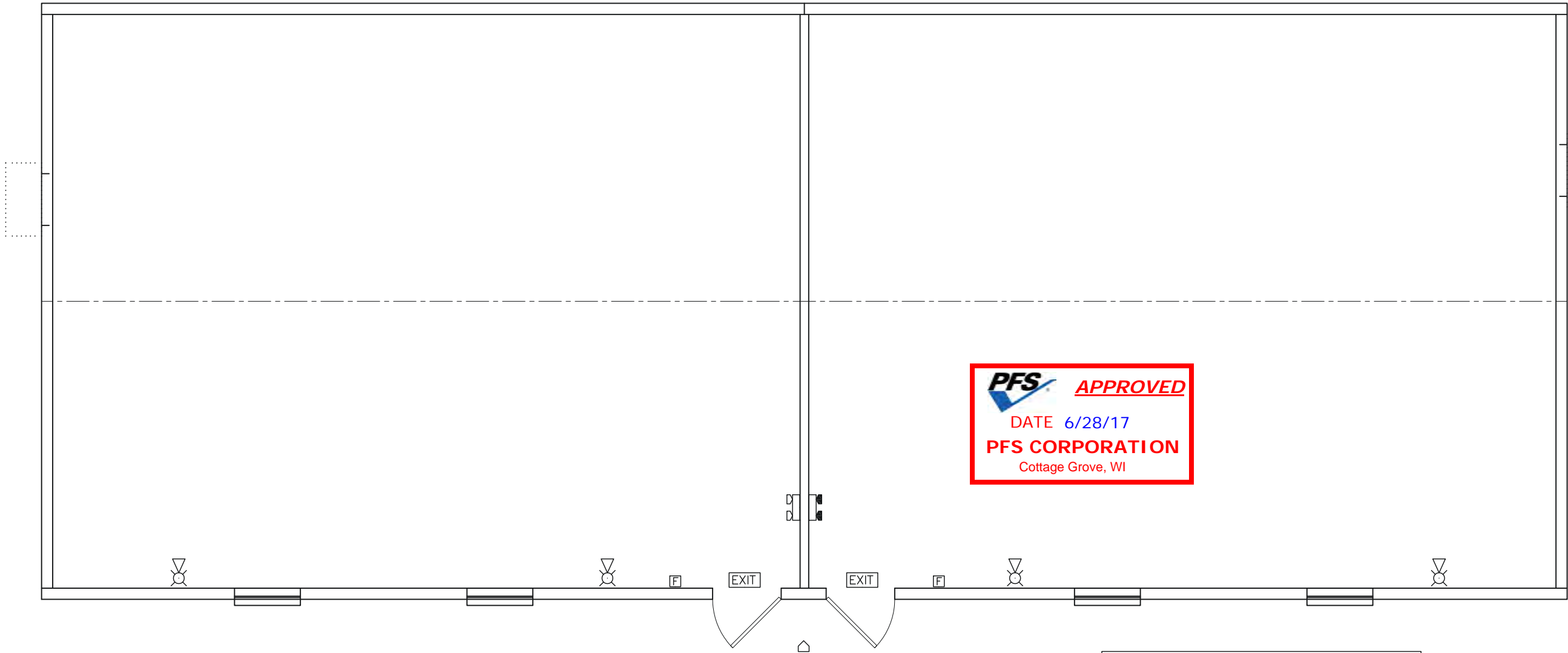
PALOMAR
MODULAR BUILDINGS LLC
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505 N. I-35E
DESOTO, TEXAS 75115
PH. 469-727-0727

No.	DESCRIPTION	BY	DATE

DATE:	06/19/2017
SCALE:	3/16" = 1'-0"
PLOT SCALE:	1:1
DRAWN BY:	SGD
CHECKED BY:	

CLASSROOM BUILDING LEE'S SUMMIT, MISSOURI ALARM SYSTEM LAYOUT FILE: 2870 Lees Summit ISD SERIAL #: 1730-32
--

SHEET No. E-4



PFS **APPROVED**
DATE 6/28/17
PFS CORPORATION
Cottage Grove, WI

MISSOURI
PUBLIC SERVICE
COMMISSION
APPROVED
07/24/2017
MANUFACTURED
HOUSING



06/23/17

(Structural Aspects Only)

SYMBOL LEGEND	
	LIGHTED EXIT SIGN WITH BATTERY BACK-UP
	EMERGENCY LIGHT WITH BATTERY BACK-UP
	EMERGENCY LIGHT WITH BATTERY BACK-UP REMOTE HEAD
	EMERGENCY LIGHT REMOTE HEAD
	ALARM PULL STATION AT 48" AFF
	ALARM HORN/STROBE AT 86" AFF

NOTE: DEVICES SHOWN HERE ARE PROVIDED WITH BOX
AND CONDUIT AT THESE LOCATIONS ONLY TO FACILITATE
THE INSTALLATION OF THE FIRE ALARM SYSTEM WHICH
IS TO BE INSTALLED BY A LICENSED ALARM SYSTEM
INSTALLER ON SITE

1 **ALARM SYSTEM LAYOUT**
scale: 3/16" = 1'-0"