

GENERAL NOTES

1. IN GENERAL, PLAN DIMENSIONS SHOWN ARE TO FACE OF STUD OR FACE OF CONCRETE, UNLESS OTHERWISE NOTED. DO NOT SCALE THESE DRAWINGS. USE CALCULATED DIMENSIONS ONLY. VERIFY ALL DIMENSIONS, DATUM AND LEVELS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
2. PERSONS USING THE INFORMATION IN THESE CONSTRUCTION DOCUMENTS WITHOUT PERMISSION OF THE ARCHITECT DOES SO AT THEIR OWN RISK AND BY SUCH AGREES TO INDEMNIFY THE ARCHITECT AS WELL AS ARCHITECT'S EMPLOYEES AND CONSULTANTS, AND TO HOLD HARMLESS FOR ANY INJURY OR LOSS OF DAMAGE THAT MAY OCCUR. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ARCHITECT HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ARCHITECT.
3. THE CONTRACTOR SHALL HAVE AND MAINTAIN INSURANCE AS APPROVED BY THE BUILDING OWNER AND THE TENANT IF TENANT IS THE CONTRACTORS CLIENT. CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO ENSURE THAT ALL PROPERTY IS PROTECTED DURING THIS CONSTRUCTION. ANY DAMAGE OR CHANGED CONDITIONS SHALL BE REPAIRED AND RESTORED TO A CONDITION EQUAL TO THAT EXISTING AT THE COMMENCEMENT OF THE WORK. CONTRACTOR SHALL RESTORE ANY DAMAGE AT HIS OWN EXPENSE. WHERE EXISTING WORK IS DAMAGES, CUT OR DEFACED DUE TO PERFORMANCE OF NEW WORK, THE CONTRACTOR SHALL PATCH AND REPAIR SAME TO MATCH ADJOINING SURFACES. REPAIRED FINISHES SHALL BE EXTENDED TO THE NEAREST VISUAL BREAK LINES SUCH AS CORNER, CEILING LINES, TOP OF BASE OR SIMILAR.
6. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO INITIATING THE WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
7. WHERE A CONSTRUCTION DETAIL IS NOT SHOWN OR NOTED, THE DETAIL SHALL BE THE SAME AS FOR OTHER SIMILAR WORK.
8. ALL WORK SHALL COMPLY WITH THE 2009 IBC, IFC, IPC, IMC AS AMENDED BY WASH. STATE. PROJECT SHALL ALSO COMPLY W/ JURISDICTIONAL CODE AMENDMENTS BY THE LOCAL AGENCY. CONTRACTOR IS RESPONSIBLE FOR OBTAINING NECESSARY PERMITS & INSPECTIONS TO COMPLETE THE WORK. CONTRACTOR TO HAVE CURRENT VALID CITY OR COUNTY BUSINESS LICENSE PRIOR TO ISSUANCE OF PERMIT. WHEN REQUIRED BY LAW.
9. ERRORS, OMISSIONS AND DISCREPANCIES, IF ANY, SHALL BE REFERRED TO THE ARCHITECT IMMEDIATELY FOR DIRECTION OF HOW TO PROCEED.
10. VERIFY ALL ROUGH-IN DIMENSIONS FOR EQUIPMENT PROVIDED IN THE CONTRACT BY OTHERS PROVIDE ALL BLOCK-OUTS, BLOCKING, BACKING AND JACKS REQUIRED FOR DUCTS, PIPES, CONDUITS, EQUIPMENT, FIXTURES AND CABINETS. VERIFY SIZE AND LOCATION.
11. DO NOT SIGNIFICANTLY VARY OR MODIFY THE WORK SHOWN, EXCEPT UPON WRITTEN INSTRUCTIONS OF THE ARCHITECT.
12. VERIFY LOCATION OF ALL EXISTING UTILITIES INCLUDING BUT NOT LIMITED TO SEWER, SEPTIC, WATER, GAS, POWER AND TELEPHONE. CAP, MARK AND PROTECT.
13. DETAILS ARE INTENDED TO SHOW THE INTENT OF THE DESIGN. MINOR MODIFICATION MAY BE REQUIRED TO SUIT THE FIELD DIMENSIONS OR CONDITIONS AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK OF THE CONTRACT.
14. PROVIDE CLOSURE, MEETING THE REQUIREMENTS OF ALL GOVERNING AUTHORITIES, AT RATED PARTITIONS, FLOORS, CEILINGS, AND ROOF LOCATIONS. ALL REQUIRED FIRE-RATED PARTITIONS SHALL BE CONTINUOUS FROM FLOOR TO UNDERSIDE OF STRUCTURE ABOVE.
15. NO BUILDING OR PORTION OF A BUILDING SHALL BE OCCUPIED OR USED FOR STORAGE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
16. THE CONTRACTOR SHALL CONSULT PLANS OF ALL TRADES, INCLUDING DESIGN-BUILD DOCUMENTS REQUIRED BY CONTRACT DOCUMENTS, TO VERIFY SIZE, WEIGHT, POWER, LOCATION AND OTHER REQUIREMENTS AND LOCATION OF THOSE ITEMS TO BE INSTALLED PRIOR TO COMMENCEMENT OF WORK.
17. ELECTRICAL, MECHANICAL AND PLUMBING: GENERAL CONTRACTOR TO PROVIDE ALL REQUIRED ENGINEERING, CALCULATIONS, FORMS, APPLY, PAY FOR & OBTAIN ALL REQUIRED PERMITS.
18. GENERAL CONTRACTOR SHALL BRING TO THE OWNER'S ATTENTION ANY DISCREPANCIES WITHIN THE CONTRACT DOCUMENTS, ACTUAL FIELD CONDITIONS AND ANY DESIGN AND LAYOUT CHANGES REQUIRED DUE TO ANY SPECIFIC EQUIPMENT SELECTIONS OR ANY OTHER REASON PRIOR TO PURCHASING EQUIPMENT AND MATERIAL.
19. PROVIDE BARRIER FREE SIGNAGE AT RESTROOMS.
20. MOUNT ALL SINKS AT 34" AFF. UNO. COUNTERS 34" AFF WHEN SINK COUNTER MOUNTED.
21. EXTERIOR BUILDING SIGNAGE IS NIC. CONTRACTOR TO PROVIDE POWER TO SIGN LOCATIONS.
22. THE ARCHITECT HAS NOT BEEN RETAINED OR COMPENSATED TO PROVIDE DESIGN AND/OR CONSTRUCTION REVIEW SERVICES RELATING TO THE CONTRACTOR'S SAFETY PRECAUTIONS OR TO MEANS, METHODS, TECHNIQUES OR PROCEDURES REQUIRED FOR THE CONTRACTOR TO PERFORM HIS WORK. THE UNDERTAKING OF PERIODIC SITE VISITS BY THE ARCHITECT SHALL NOT BE CONSTRUED AS SUPERVISION OF ACTUAL CONSTRUCTION NOR MAKE HIM RESPONSIBLE FOR THE PERFORMANCE OF WORK BY THE CONTRACTOR OR CONTRACTOR'S EMPLOYEES, OR EMPLOYEES OF SUPPLIERS OR SUBCONTRACTORS, OR FOR ACCESS, VISITS, USE, WORK, TRAVEL OR OCCUPANCY BY ANY PERSON.
23. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND THE MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED TO PERFORM THE WORK.
24. THESE DRAWINGS ARE THE EXCLUSIVE PROPERTY OF THE ARCHITECT AND MAY BE REPRODUCED ONLY WITH THE WRITTEN PERMISSION OF THE ARCHITECT. AUTHORIZED REPRODUCTIONS MUST BEAR THE NAME OF THE ARCHITECT.
25. PROVIDE FIRE BLOCKING, DRAFT STOPS AND FIRE STOPS IN ATTICS, FLOORS AND WALL CAVITIES AS REQUIRED PER THE IBC.
26. CONTRACTOR SHALL RETAIN ONE SET OF THE PLANS TO NOTE AND DOCUMENT ALL CHANGES DURING CONSTRUCTION. THE SET SHALL BE A PART OF THE CONTRACTOR'S CLOSE-OUT PACKAGE TO THE OWNER. CLOSE-OUT PACKAGE SHALL INCLUDE (3) SET OF SHOP DRAWINGS, PRODUCT LITERATURE, EQUIPMENT WARRANTY MANUALS.
27. CONTRACTOR SHALL PROVIDE SOLID BLOCKING, UNLESS NOTED OTHERWISE AS REQUIRED FOR NAILING OF ALL INTERIOR AND EXTERIOR TRIMS, FINISHES AND FIXTURES. THE CONTRACTOR SHALL PROVIDE FOR ALL THE NECESSARY FRAMING AND BRACING FOR THE INSTALLATION OF OWNER FURNISHED ITEMS.
28. CONTRACTOR SHALL ONLY PROCEED WITH WORK WHERE HAZARDOUS MATERIALS ARE PRESENT AFTER RECEIPT OF THE BUILDING OWNERS HAZARDOUS MATERIALS GOOD FAITH REPORT REQUIRED BY THE STATE. PRIOR TO ANY DEMOLITION VERIFY & PERFORM ADDITIONAL HAZARDOUS MATERIAL TESTING AS REQUIRED. LEGALLY REMOVE HAZARDOUS MATERIALS. PROVIDE LEGAL DOCUMENTATION. CONTRACTOR SHALL COMPLY WITH FEDERAL AND STATE RULES AND REGULATIONS WHEN HANDLING, REMOVING OR ENCAPSULATING HAZARDOUS MATERIALS ON THE PROJECT.
29. LEGALLY REMOVE & DISPOSE OF THE DEMOLITION AND CONSTRUCTION DEBRIS.
30. DIMENSIONS TO STUD FACE UNLESS NOTED AS "CLEAR" OR "CLR" WHICH MEANS TO FACE OF WALL FINISH.

ARCHITECTURAL ABBREVIATIONS

(2021 version)

ABV	ABOVE
AFF	ABOVE FINISH FLOOR
AG TILE	ACOUSTICAL TILE
ASE	ACOUSTICAL SUSPENDED CEILING
ACT	ACTUAL
AL	ALUMINUM
ARCH	ARCHITECTURE
A TILE	ASPHALT TILE
AVG	AVERAGE
BFF	BOTTOM FINISH FLOOR
BKKG	BLOCKING
BR	BRICK
BOS	BOTTOM OF STRUCTURE
CPT	CARPET
CI	CAST IRON
CLG	CEILING
CL	CENTER LINE
C TO C	CENTER TO CENTER
CT	CERAMIC TILE
CO	CLEAN OUT
CLO	CLOSET
CW	COLD WATER
COL	COLUMN
CONC	CONCRETE
CMU	CONCRETE MASONRY UNIT
CONST	CONSTRUCTION
CONT	CONTINUOUS
COORD	COORDINATE
COR	CORNER
CFM	CUBIC FEET PER MINUTE
DTL	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DR	DOOR
DWR	DOWNER
DN	DOWN
D.S.	DOWNSPOUT
DWG	DRAWINGS
DF	DRINKING FOUNTAIN
EA	EACH
ELEC	ELECTRICAL
ELEV	ELEVATION
EF	EACH FACE
EQ	EQUAL
EXIST	EXISTING
EXT	EXTERIOR
FO	FACE OF FINISH OPENING
FRP	FIBERGLASS REINF POLYESTER
FIN	FINISH
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FD	FIRE DRAIN W/ PRIMER
FE	FIRE EXTINGUISHER
FRT	FIRE RETARDANT TREATED
FLASH	FLASHING
FLR	FLOOR
FS	FLOOR SINK
FND	FOUNDATION
FOIC	FURNISHED BY OWNER
FOIO	INSTALLED BY CONTRACTOR
FOIC	FURNISHED BY OWNER
FOIC	INSTALLED BY OWNER
FOIC	FURNISHED BY CONTRACTOR
FURN	INSTALL BY CONTRACTOR
GA	FURNITURE
GL	GAUGE
GALV	GLASS
GWB	GALVANIZED
GI	GYPSTUM WALLBOARD TYPE X
HC	GREASE INTERCEPTOR
HDWR	HANDICAP
HT	HARDWARE
HM	HEAT PUMP
HOR	HEIGHT
HB	HOLLOW METAL
HW	HORIZONTAL
HWT	HOSE BIB, COLD WATER
HM	HOT WATER
	HOT WATER TANK
	HOLLOW METAL
ID	INSIDE DIMENSION
INSUL	INSULATION
INT	INTERIOR
JNT	JOINT
LVL	LEVEL
L	LONG LINE
LAV	LAVATORY
LIN	LINENUM
LT	LIGHT
MAR	MARBLE
MO	MASONRY OPENING
MFR	MANUFACTURE
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MTL	METAL
MIN	MINIMUM
MUL	MULLION
NAT	NATURAL
NOM	NOMINAL
NA	NOT APPLICABLE
NIC	NOT IN THIS CONTRACT
NTS	NOT TO SCALE
NO	NUMBER
OC	ON CENTER
OD	OUTSIDE DIMENSION
OI	OVER
OVDH	OVERHEAD
PNT	PAINT
PTD	PAINTED
PL	PLASTIC LAMINATE
P LAM	PLASTIC LAMINATE
PLYWD	PLYWOOD
PT	PRESSURE-TREATED WOOD
POIC	PROVIDED OWNER INSTALL BY GC
POIO	PROVIDED OWNER INSTALL BY OWNER
QU	QUARRY TILE
RC	RESILIENT CHANNEL
RL	RAIN LEADER
REF	REFRIGERATOR, REFERENCE
REINF	REINFORCING BAR
REV	REVISION
R	RISER, RADIUS
RM, RMS	ROOM, ROOMS
RO	ROUGH OPENING
SAN	SANITARY DRAIN LINE
SEC	SECTION
SHT	SHEET
SV	SHEET VINYL
SC	SOLID CORE
SPECS	SPECIFICATIONS
SF	SQUARE FEET
SS	STAINLESS STEEL
SV	SHEET VINYL
STL	STEEL
STORE	STORAGE
STRUCT	STRUCTURAL
SUSP	SUSPENDED
TB	TACK BOARD
TBD	TO BE DETERMINED
THRESH	THRESHOLD
TS	TUBE STEEL
TYP	TYPICAL
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VIN	VINYL
VR	VAPOR RETARDER
VTR	VENT TO ROOF
WB	WHIT BOARD
WC	WATER CLOSET
WL	WALL
WP	WATERPROOFING
WRB	WEATHER RESISTIVE BARRIER
WDW	WINDOW
W	WITH
WD	WOOD



VICINITY MAP
NTS



PROJECT NOTES:

FLOOR PLAN NOTES:

1. CONFIRM ALL ROUGH OPENINGS FOR DOORS AND WINDOWS PRIOR TO FRAMING AND ORDERING.
2. CONFIRM ALL FINISHES W. OWNER AND ARCHITECT PRIOR TO ORDERING

DEMOLITION NOTES:

1. LEGALLY REMOVE DEMOLITION DEBRIS FROM SITE.

ELECTRICAL:

1. INSTALL NEW POWER OUTLETS AS REQ'D
2. INSTALL NEW DATA DROPS IF REQ'D
3. TRIM TO MATCH EXISTING.

OWNER:

SAN JUAN ISLAND SCHOOL DISTRICT #149
285 BLAIR AVENUE
FRIDAY HARBOR, WA 98250
P) 360.378.4133

DESIGN TEAM:

ARCHITECT
SARAH BROWN ARCHITECTURE + DESIGN
CONTACT: SARAH BROWN
3222 EAGLERIDGE WAY
BELLINGHAM, WA 98226
C) 360.920.5498

DRAWING INDEX:

ARCHITECTURAL

A1.01	TITLE PAGE & PROJECT INFO
A1.02	SITE PLAN
A1.03	ENLARGED PLANS

STRUCTURAL

E0	STRUCTURAL NOTES
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E2	FRONT END-WALL ELEVATION
E3	REAR END-WALL ELEVATION
E4	RIGHT SIDEWALL ELEVATION
E5	LEFT SIDEWALL ELEVATION
E6	TRUSS DETAIL
E7	TRUSS DETAIL
E8	STRUCTURAL DETAILS

FOUNDATION

F1	FOUNDATION PLAN
F2	FOUNDATION DETAILS

DEFERRED SUBMITTAL

ELECTRICAL

PROJECT DATA:

SITE ADDRESS:
FRIDAY HARBOR MIDDLE SCHOOL
85 BLAIR AVE
FRIDAY HARBOR, WA 98250

PARCEL NO.: MS: 351491042000

LEGAL DESCRIPTION: MS: ISLANDERS BANK SHORT PLAT - S 1/2 LOT 2 Sec 14, T 35N, R 3W

PROJECT DESCRIPTION:

THE FRIDAY HARBOR SCHOOL DISTRICT WILL INSTALL A NEW PREFABRICATED STORAGE SHED ALONG GUARD STREET. THE SHED WILL BE UNINSULATED AND UNHEATED.

BUILDING AREAS & PROJECT DATA:

SITE: 10.54 ACRES

SJISD MAINTENANCE SHED

45 BLAIR AVE
FRIDAY HARBOR, WA
98250

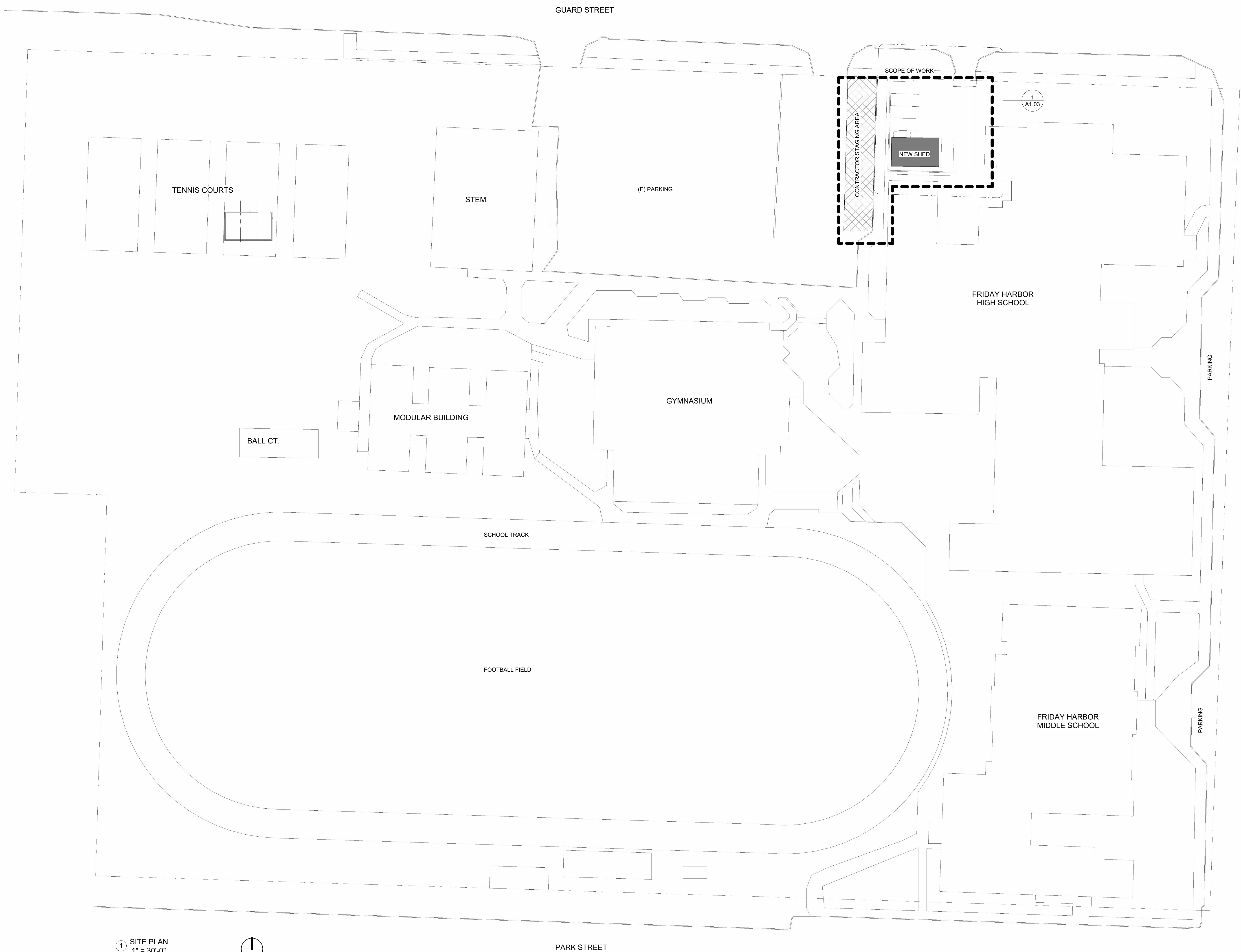
SB JOB NO: 202604.16
DATE: 05.06.2026

BID SET

No.	ISSUED FOR	DATE

TITLE PAGE & PROJECT INFO.

A1.01



1 SITE PLAN
1" = 30'-0"

NORTH

SJISD MAINTENANCE SHED

45 BLAIR AVE
FRIDAY HARBOR, WA
98250

SB JOB NO: 202604.16
DATE: 05.06.2026

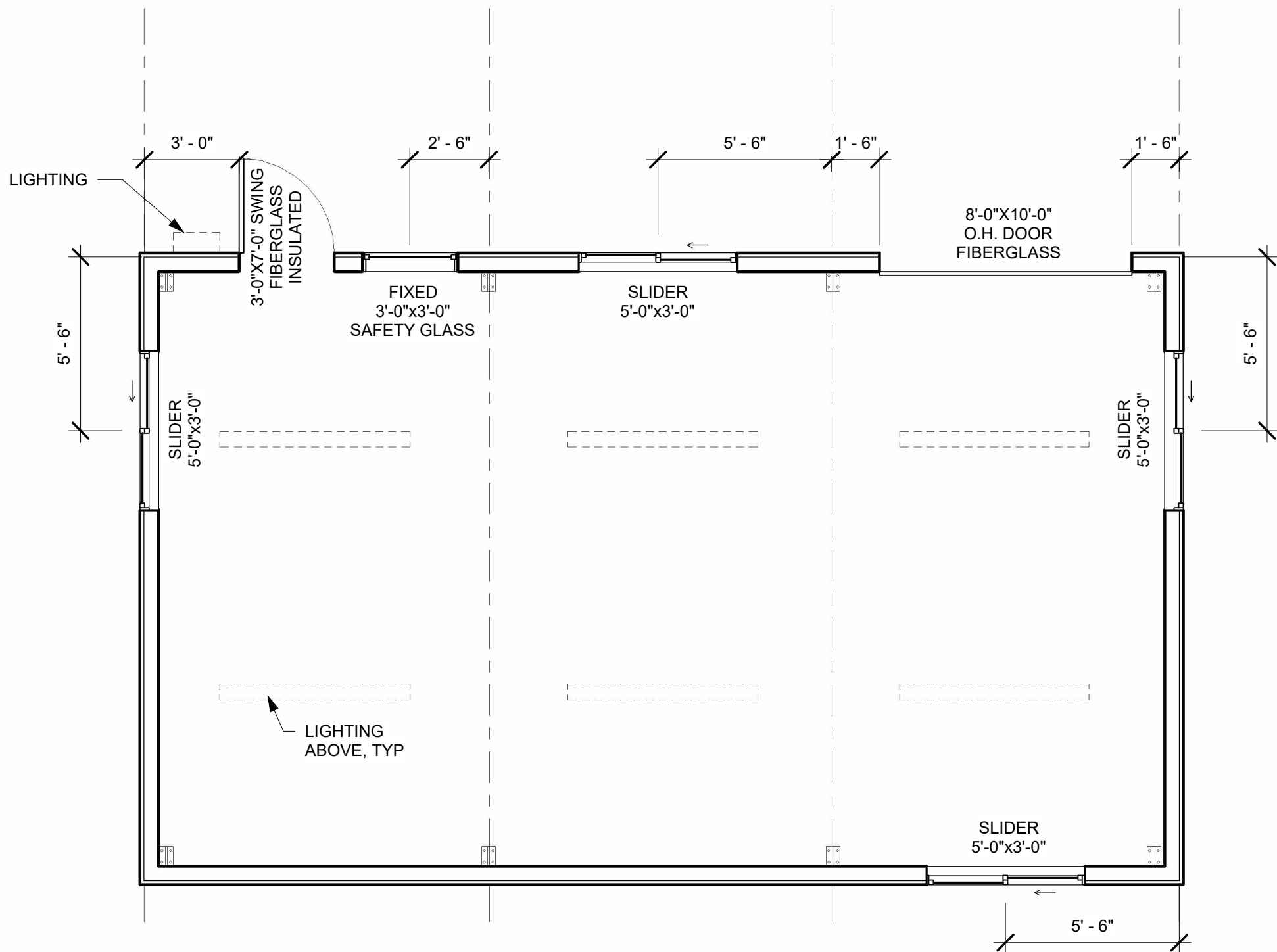
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No.	ISSUED FOR	DATE

SITE PLAN

A1.02

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MAINTENANCE SHED - FLOOR PLAN
W LIGHTING PLAN
1/4" = 1'-0"
NOTE: SEE DRAWING E1-E8 FOR STRUCTURAL DRAWINGS

LIGHTING

- LED SUSPENDED DIRECT
8FT. LED 6 LAMP BOLT®
GEN 2 - 120W - 21,600 LUMENS - CLEAR/FROSTED
- LED UTILITY LIGHT
SLIM LED WALL PACK, UP TO 120W, 14,400 LUMEN,
PHOTOCCELL, DIMMABLE, 5000K

EGRESS

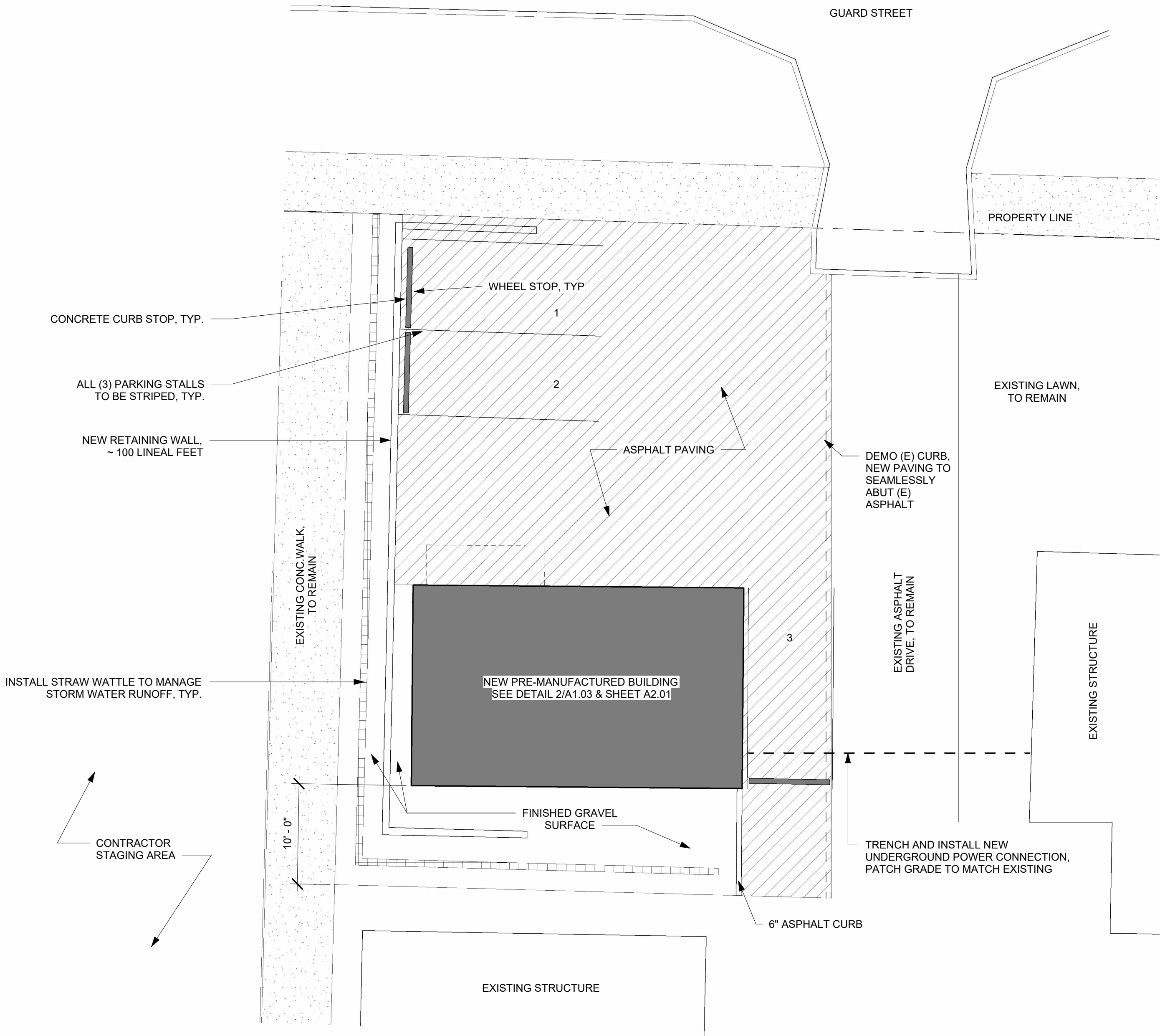
- FIBERGLASS DOOR & FRAME
3'-0"x7'-0"
8FT. LED 6 LAMP BOLT®
GEN 2 - 120W - 21,600 LUMENS - CLEAR/FROSTED
- OVERHEAD DOOR
8'-0"x10'-0", INSULATED STEEL DOOR WITH TRACK, MOTOR & OPENER
THERMACORE® COLLECTION 5740
STANDARD, FLUSH, BLACK

WINDOW

- HORIZONTAL SLIDER WINDOW
5'-0"x3'-0", SILL AT 4'-0", VINYL
MILGARD V250 STYLE, ESPRESSO, STANDARD GLASS
- FIXED WINDOW
5'-0"x3'-0", SILL AT 4'-0", VINYL
MILGARD V250 STYLE, ESPRESSO, STANDARD GLASS
SAFETY GLASS REQUIRED WITHIN 4'-0" OF SWING DOOR

NOTE:

- ELECTRICAL: INSTALL NEW PANEL ON INTERIOR OF BUILDING
INSTALL (6) INTERIOR FIXTURE
INSTALL (1) EXTERIOR FIXTURE
INSTALL 10 INTERIOR OUTLETS
TRENCH AND INSTALL SECONDARY POWER, 100 DISCONNECT
- CIVIL WORK: FOUNDATION EXCAVATION SHOULD INCLUDE REMOVING
ORGANIC MATERIALS AND ANYTHING NOT CONSIDERED
STRUCTURAL FILL.



ENLARGED SITE PLAN
1/8" = 1'-0"

SJISD MAINTENANCE SHED

45 BLAIR AVE
FRIDAY HARBOR, WA
98250

SB JOB NO: 202604.16
DATE: 05.06.2026

BID SET

No.	ISSUED FOR	DATE

ENLARGED PLANS

A1.03

GENERAL STRUCTURAL NOTES

1. DESIGN SPECIFICATIONS
2021 IBC WITH WASHINGTON AMENDMENTS

2. MATERIAL SPECIFICATIONS
STRUCTURAL STEEL
WELDING
BOLTING

Fy = 50 KSI
NONE IN FIELD
ALL BOLTING TO BE GRADE 5 (SAE J429). BOLTS SHALL BE TIGHTENED IN ACCORDANCE WITH TURN-OF- NUT TIGHTENING METHOD PER AISC GUIDELINES. SPECIAL INSPECTIONS ARE NOT REQUIRED.
3. SCOPE OF WORK IS STRUCTURAL ONLY AND THIS IS NOT A COMPLETE SET OF CONSTRUCTION DOCUMENTS. SITE, CIVIL, MECHANICAL, ELECTRICAL, AND PLUMBING PLANS, FLOOD PLAIN DESIGN, GEO-TECHNICAL REPORT ARE NOT PART OF THIS SCOPE OF WORK.
4. OWNER/CONTRACTOR TO VERIFY ALL DIMENSIONS & DATA SHOWN. ANY DISCREPANCIES IN THESE PLANS TO BE REPORTED IMMEDIATELY TO ENGINEER.
5. EXACT LOCATION OF WINDOWS, OVERHEAD DOORS AND MAN DOORS SHALL BE DETERMINED DURING BUILDING ERECTION. TRUSSES AND DIAGONAL BRACING SHALL NOT BE MOVED TO INSTALL WINDOWS, OVERHEAD DOORS AND MAN DOORS.

GIRTS: 6" 20 GA.
PURLINS: 6" 20. GA.

* —————> INDICATES LATERAL BRACE BOTTOM CHORD TO PURLINS & GIRTS

DESIGN DATA

ROOF LIVE LOAD
Roof Live Load = 20 psf

SNOW LOAD
Ground Snow, P g = 25 psf
Roof Snow = 17.5 psf minimum
Importance Factor, I g = 1.0
Exposure Factor C e =1.0
Thermal Factor, C t =1.2 (NOT Heated)

WIND LOADS
Ultimate Wind Speed = 97mph
Risk Category = II
Wind Exposure = C
Internal Pressure Coefficient = ± 0.18
Comp. & Cladding wind pressure Per ASCE 7-16

EARTHQUAKE LOADS
Risk Category: II
Seismic Importance Factor, I e = 1.0
S s = 1.4, S 1 = 0.41
Site Class = D
S DS = 1.03, S D1 = 0.59
Seismic Design Category = D



5-1-26
EXPIRES 1-25-28

REACTIONS		
WINDWARD TRUSS COLUMN REACTIONS (JOINT# 7)		
	HORIZONTAL	VERTICAL
LOAD CASE	REACTION, X-DIR.	REACTION, Y-DIR.
	(KIP)	(KIP)
DEAD LOAD	0.056	1.461
ROOF LIVE	0.148	4.068
WIND LOAD CASE 1	-2.975	-5.637
WIND LOAD CASE 2	-1.383	-1.734
UNBALANCED SNOW/DRIFT	0.330	3.375

LEEWARD TRUSS COLUMN REACTIONS (JOINT# 27)		
	HORIZONTAL	VERTICAL
LOAD CASE	REACTION, X-DIR.	REACTION, Y-DIR.
	(KIP)	(KIP)
DEAD LOAD	0.056	0.735
ROOF LIVE	0.148	1.721
WIND LOAD CASE 1	-0.635	-0.493
WIND LOAD CASE 2	-2.740	-3.871
UNBALANCED SNOW/DRIFT	0.330	2.529

LONGITUDINAL WIND		
BUILDING WIDTH=		20 FT
EAVE HEIGHT=		14.00 FT
EAVE HEIGHT=		18.0 FT
ROOF PITCH=		3 ON 12
ROOF HEIGHT=		5.00 FT
MEAN ROOF HEIGHT=		5.00 FT
END WALL AREA=		370 SF
WIND FORCE ON ENDWALL=		24.5 PSF
TOTAL WIND FORCE=		9050 LBS
HORIZONTAL FORCE TO WIND BRACE=		2263 LBS
VERTICAL FORCE TO WIND BRACE=		1885 LBS
DIAGONAL DIMENSIONS		
VERTICAL=		18.0 FT
BAY SPACE=		11 FT
LENGTH OF BRACE=		20.25 FT
FORCE IN ROD=		4165 LBS
ROD AREA=		0.1963 SQIN
ALLOWABLE FORCE=		6478 PSI
FACTORED FORCE IN ROD=		2499 PSI
USE 1- 1/2" DIA ROD Fy =50 KSI		



STEEL BUILDINGS

FALL RIVER HOLDING, LLC
PO Box 588
Peculiar, MO 64078
Fax: 816.779.7361
Phone: 816.779.6441

8011 PASEO SUITE 201
KANSAS CITY, MO. 64131
(816) 444-6260

Brock Hauck
45 Blair Ave Friday Harbor, WA 98250
Building #97-37 by World Wide Steel
(800) 825-0316

date	4-19-26
drawn by	R.E.S.
checked by	
revised	

sheet no.

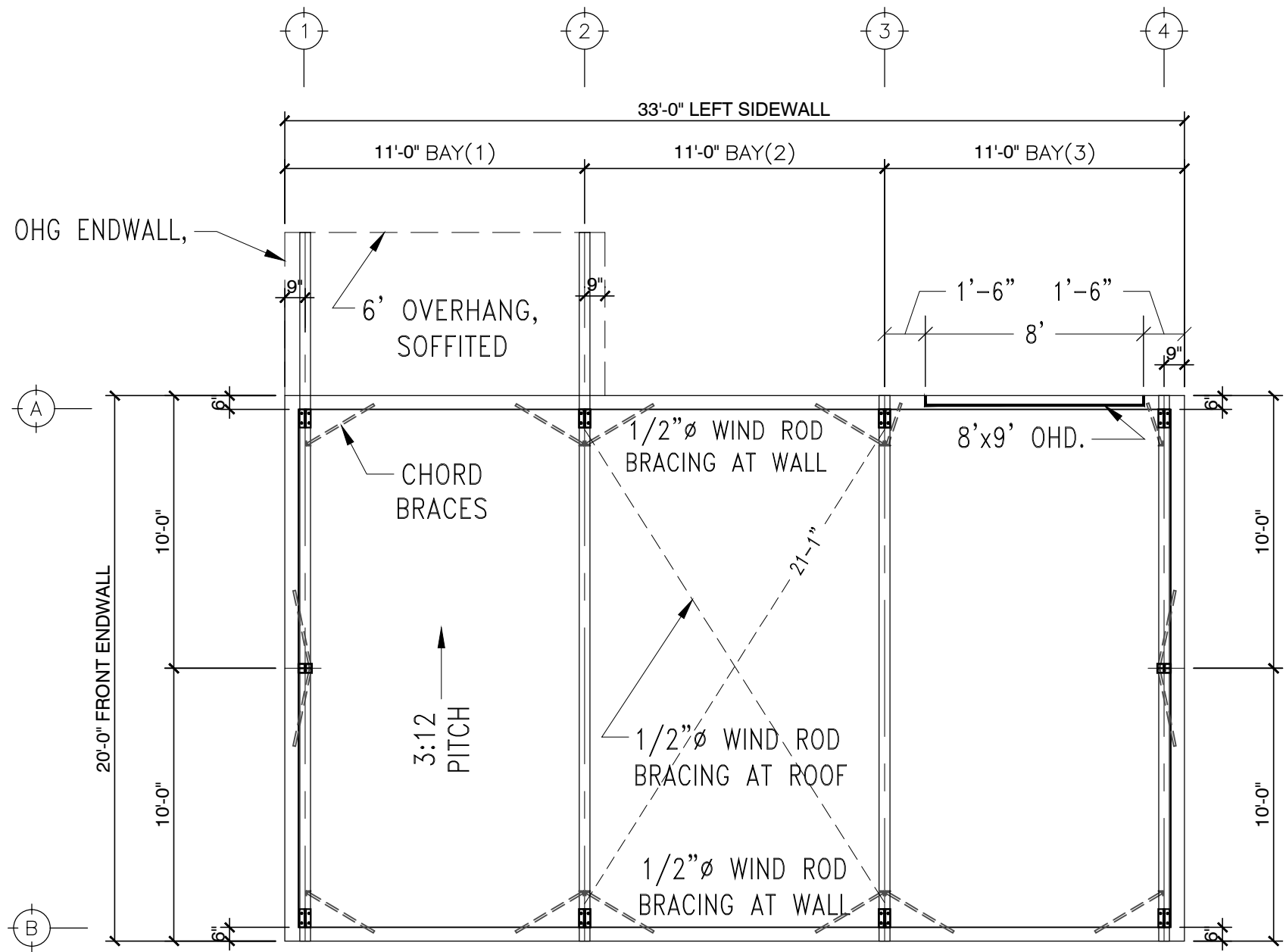
E0



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COLUMN LAYOUT PLAN

Scale 3/16" = 1'-0"



5-1-26
EXPIRES 1-25-28

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E1



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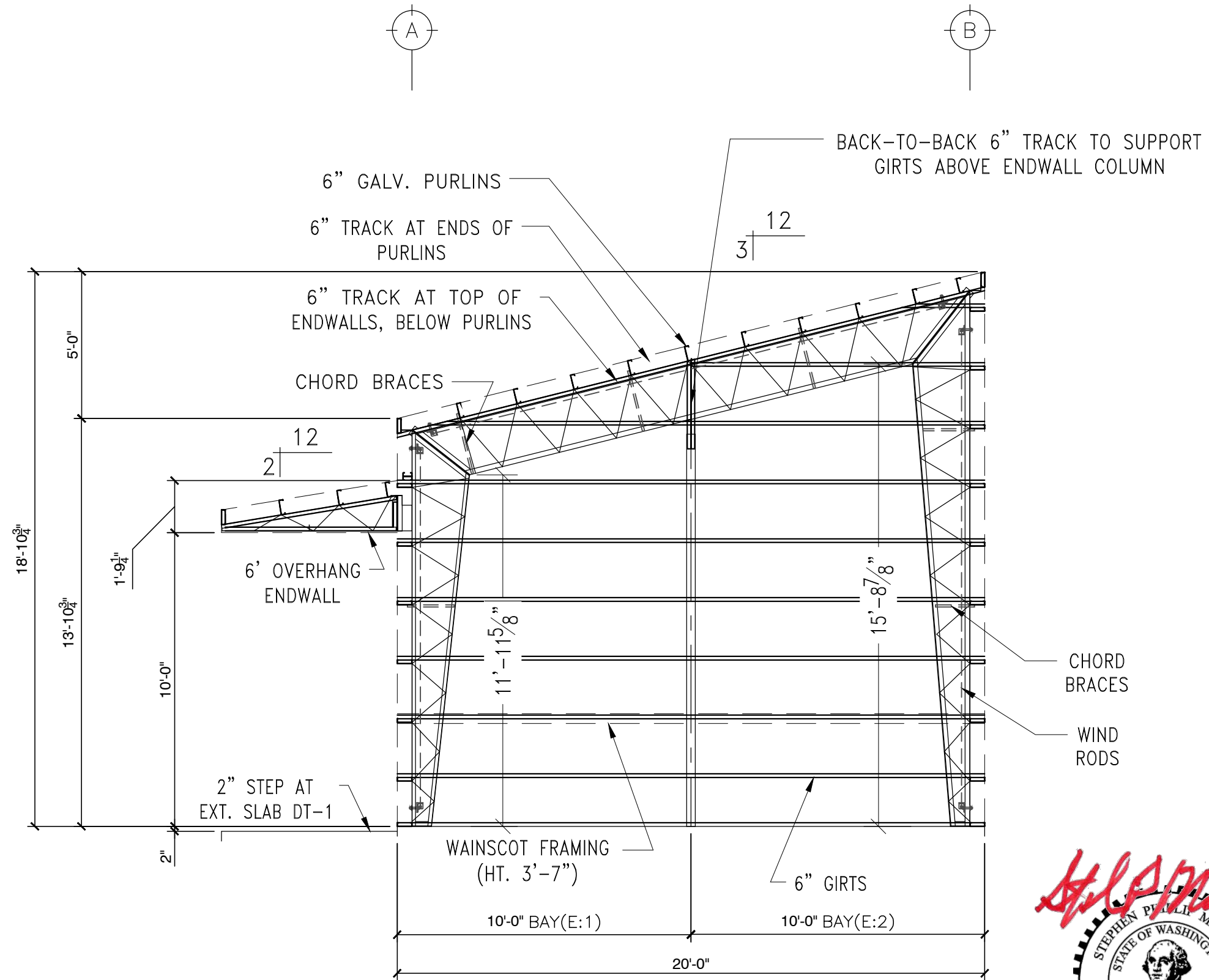
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E2



FRONT ENDWALL ELEVATION

Scale 1/4"=1'-0"



5-1-26
EXPIRES 1-25-28



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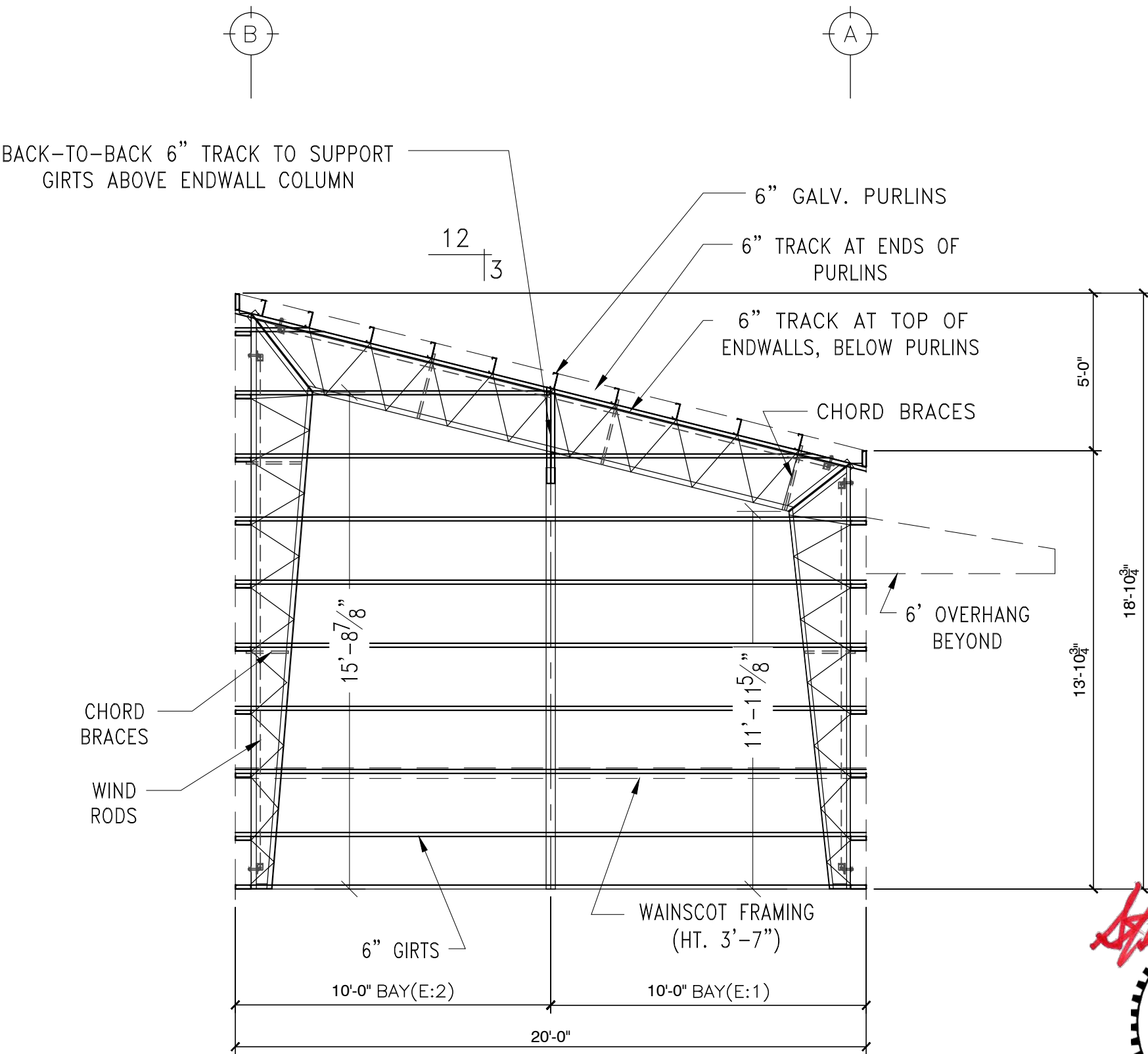
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E3



REAR ENDWALL ELEVATION

Scale 1/4"=1'-0"



5-1-26
EXPIRES 1-25-28



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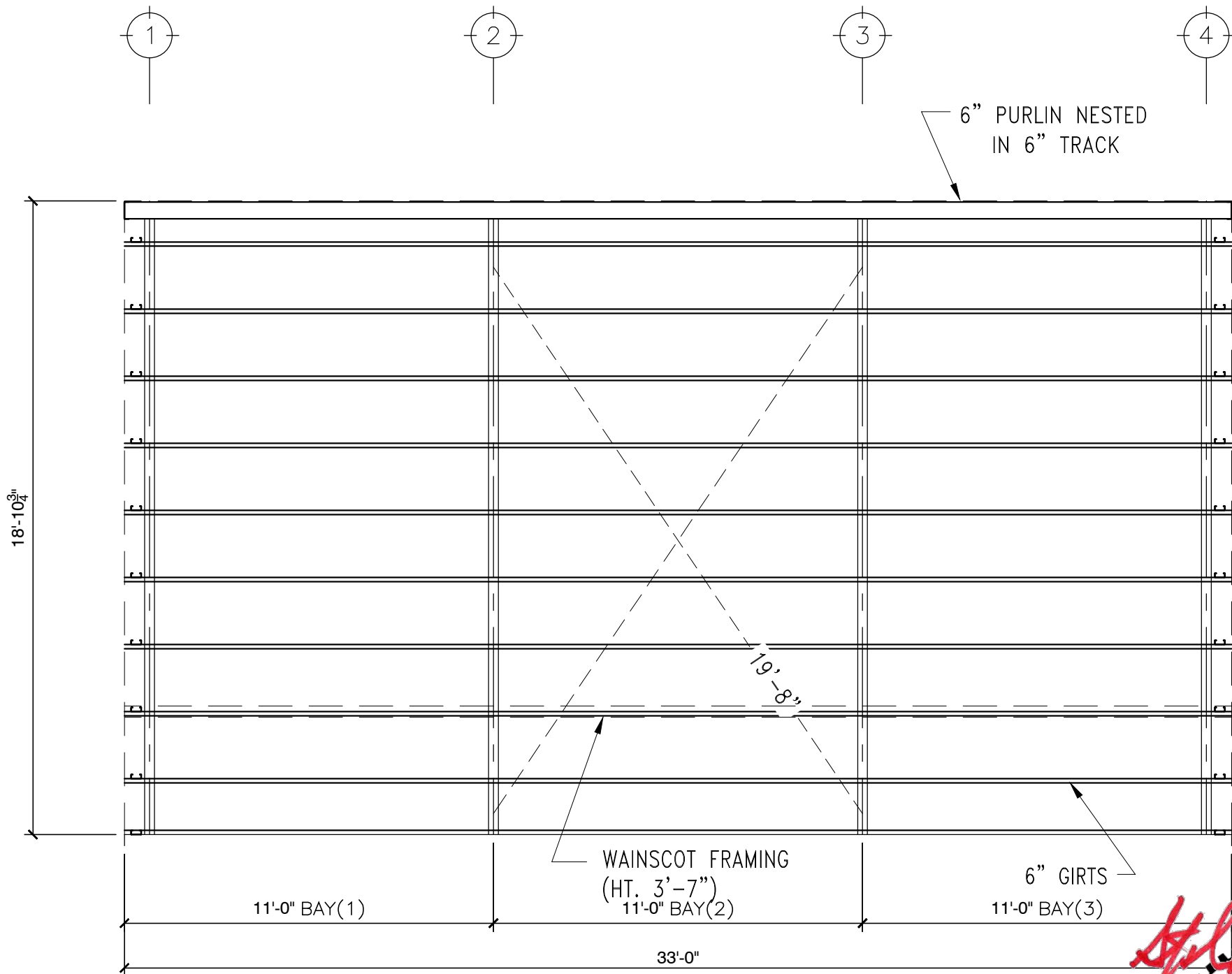
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E4



RIGHT SIDEWALL ELEVATION

Scale 1/4"=1'-0"



5-1-26
EXPIRES 1-25-28



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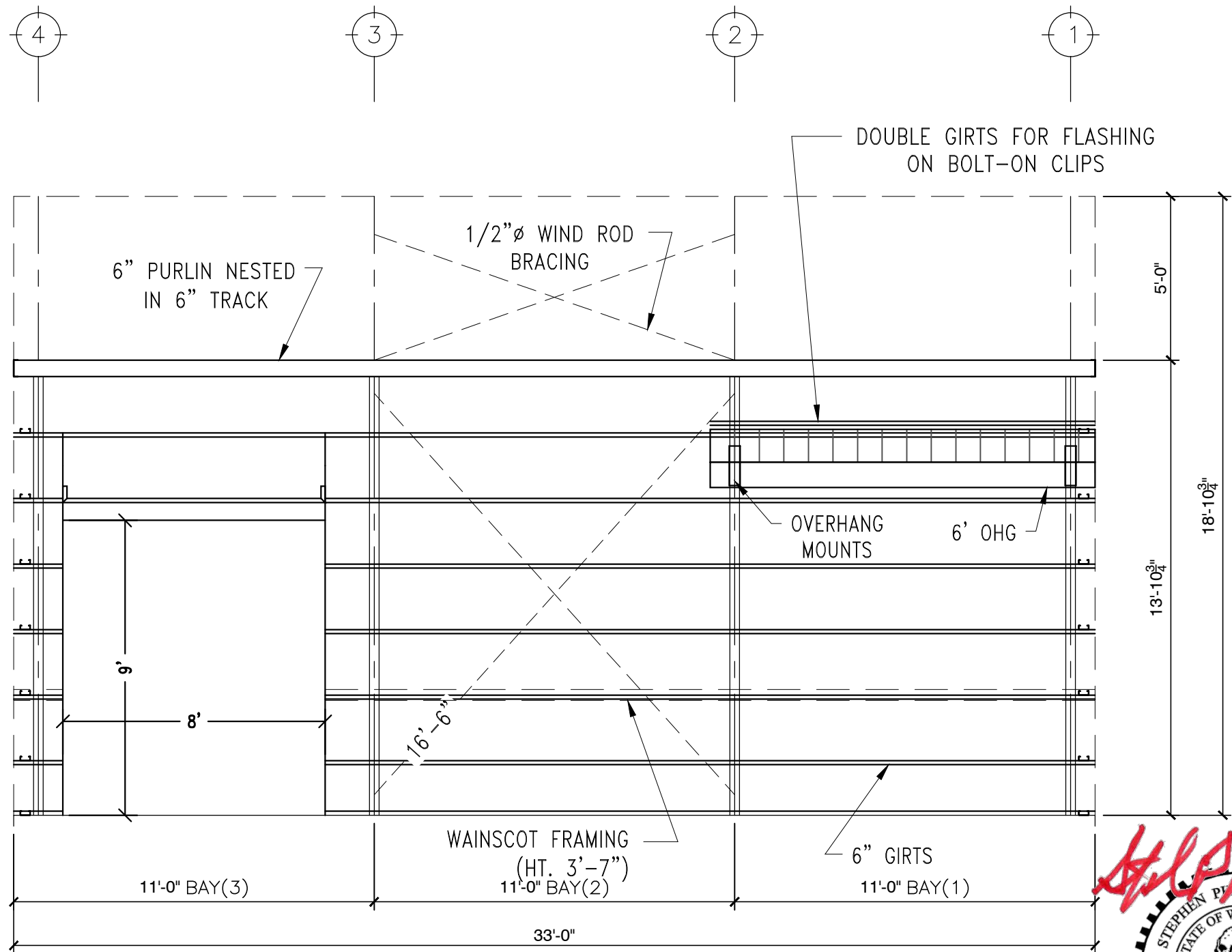
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E5



LEFT SIDEWALL ELEVATION

Scale 1/4"=1'-0"



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STEEL BUILDINGS

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PO Box 588
Peculiar, MO 64078
Fax: 816.779.7361
Phone: 816.779.6441

8011 PASEO SUITE 201
KANSAS CITY, MO. 64131
(816) 444-6260

Brock Hauck

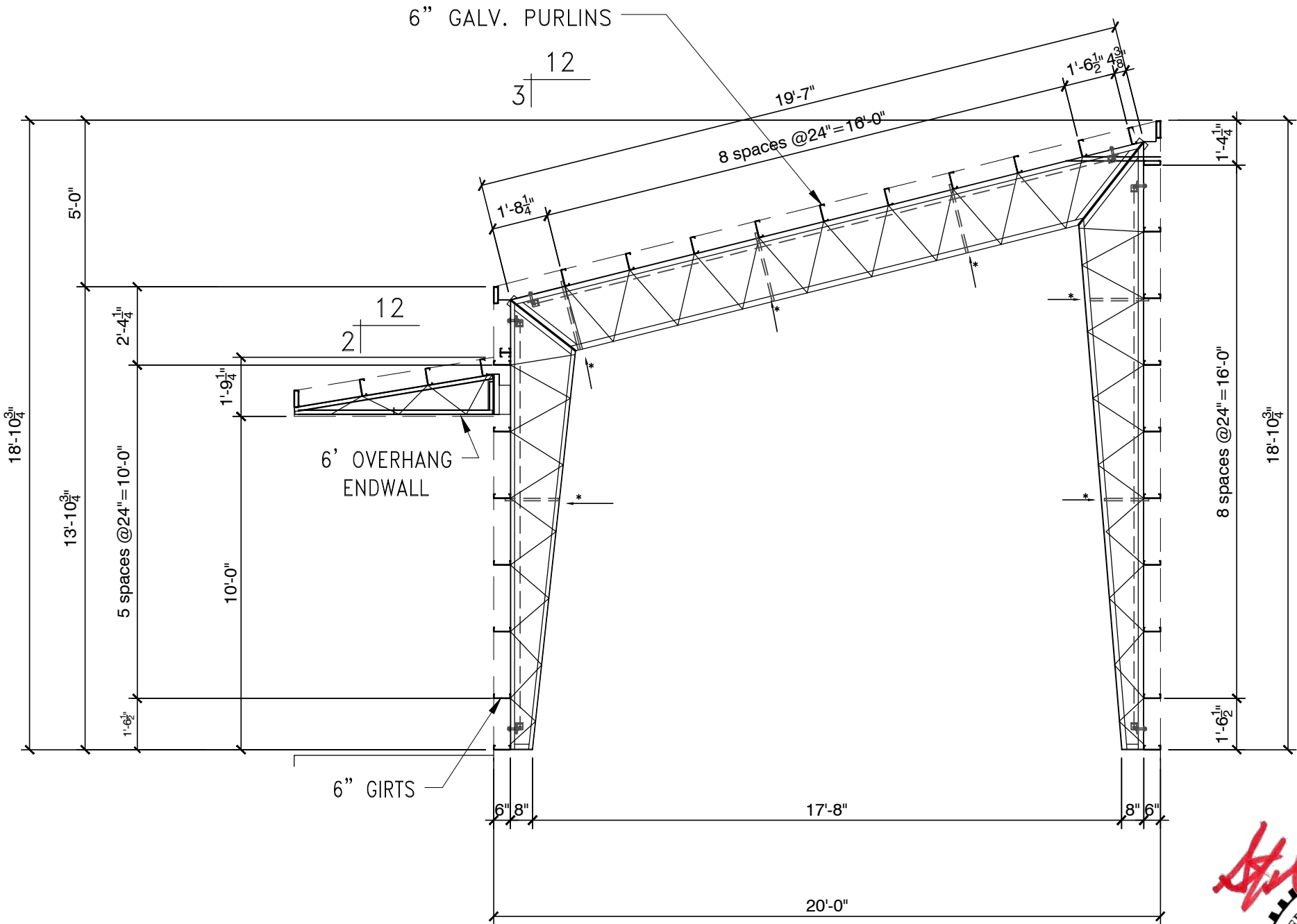
45 Blair Ave Friday Harbor, WA 98250

Building #97-37 by World Wide Steel
(800) 825-0316

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E6



TRUSS DETAIL COLUMN LINE 1-2
Scale 1/4"=1'-0"



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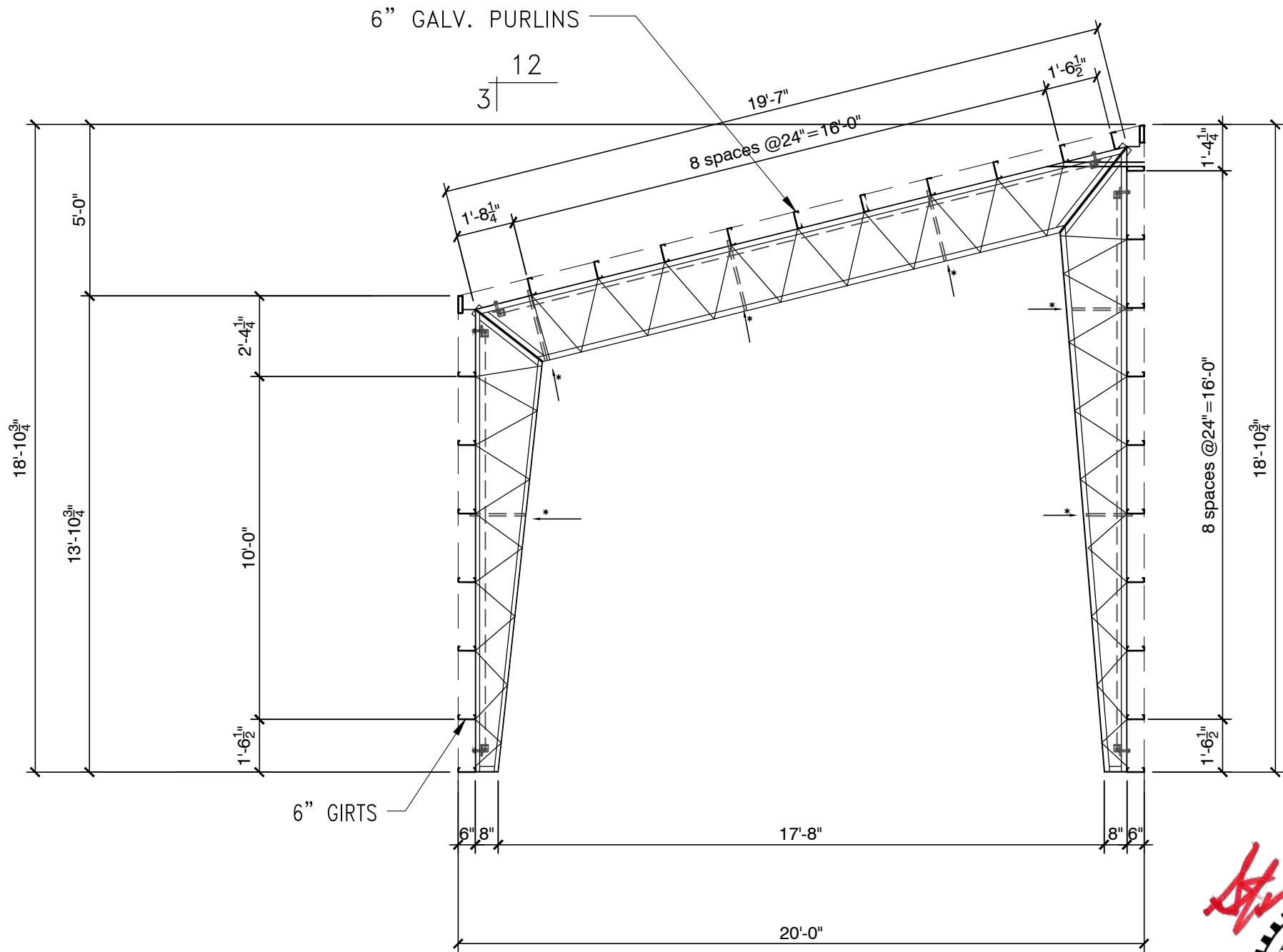


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TRUSS DETAIL COLUMN LINE 3-4
Scale 1/4" = 1'-0"

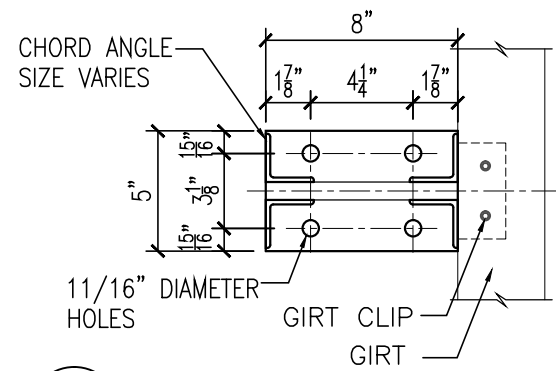


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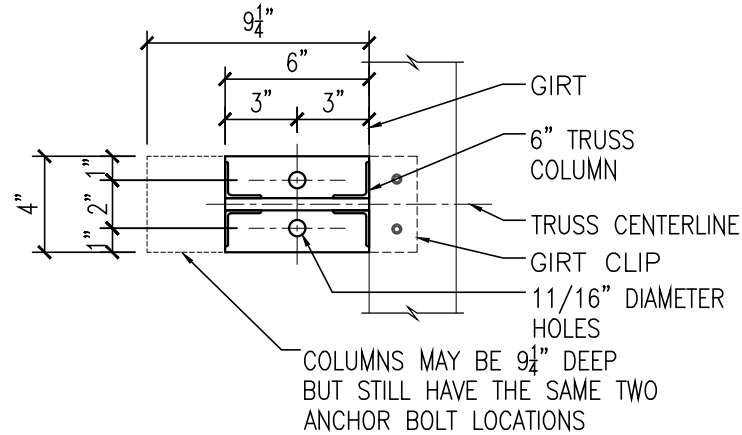
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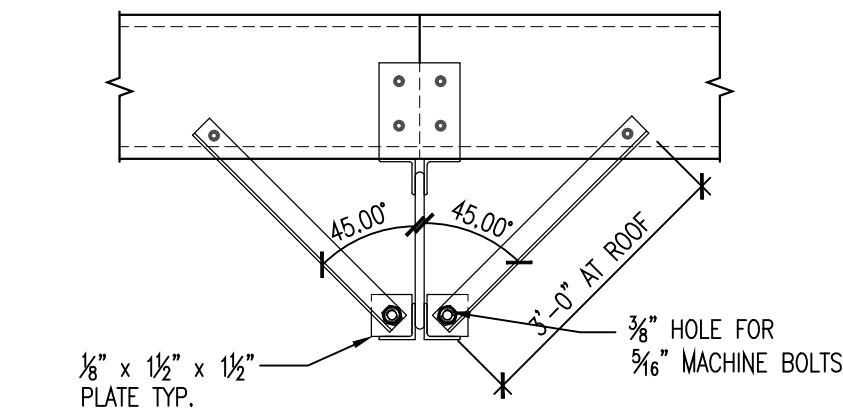
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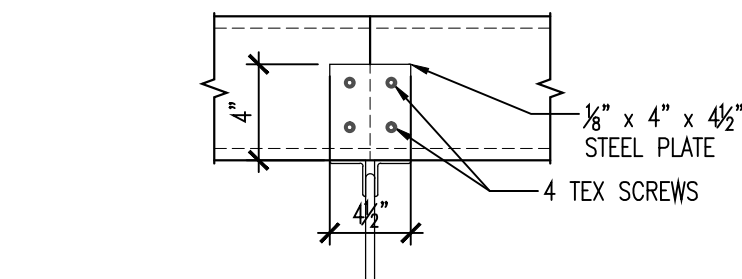
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SIDEWALL COLUMN BASE PLATE



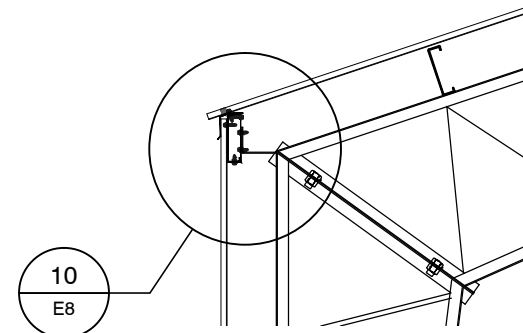
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ENDWALL COLUMN BASE PLATE



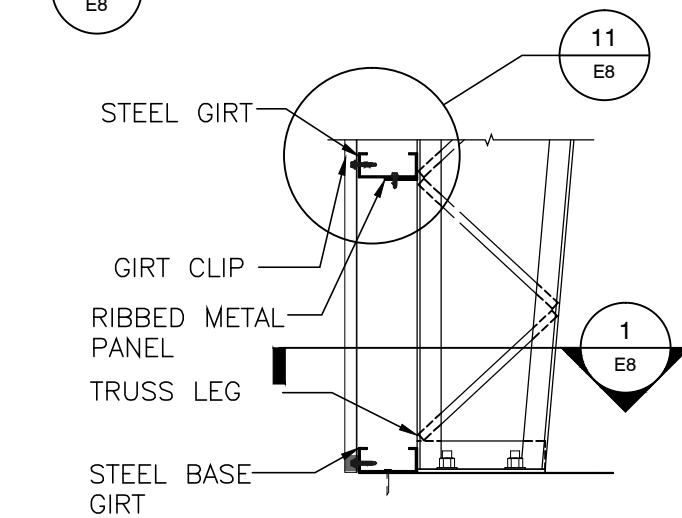
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TRUSS CHORD BRACING



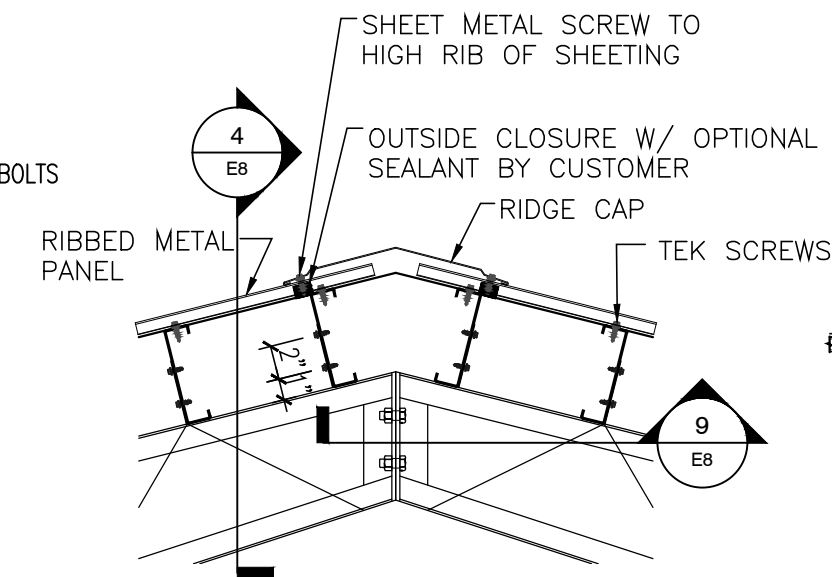
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 RIDGE PURLIN CONNECTION



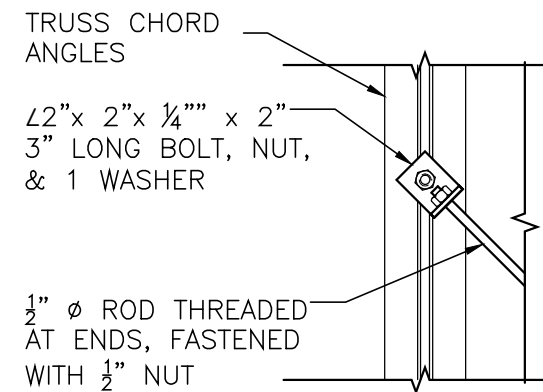
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KNEE DETAIL



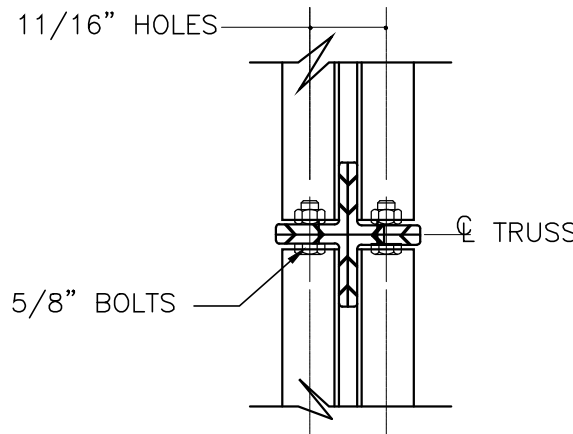
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COLUMN BASE DETAIL



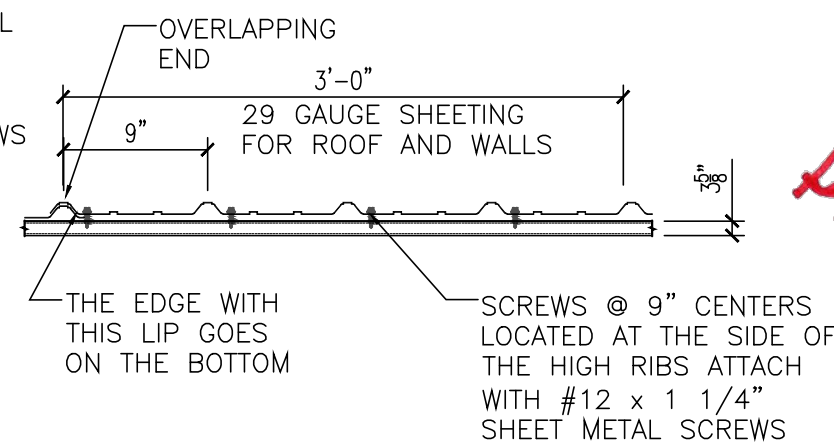
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RIDGE DETAIL



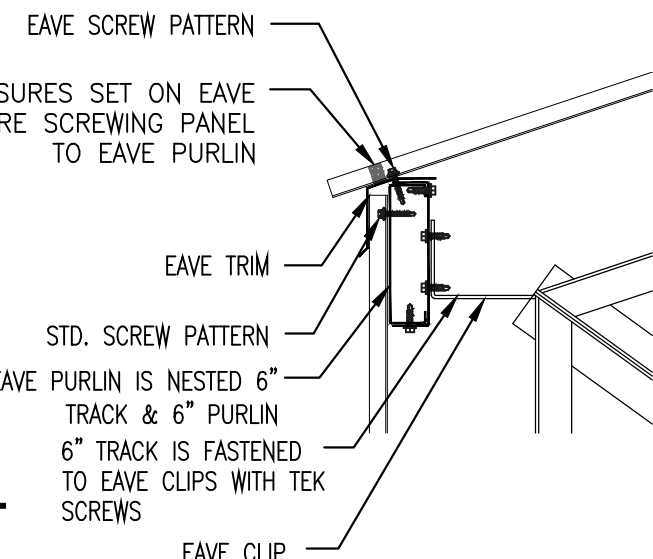
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ROD BRACING CONNECTION



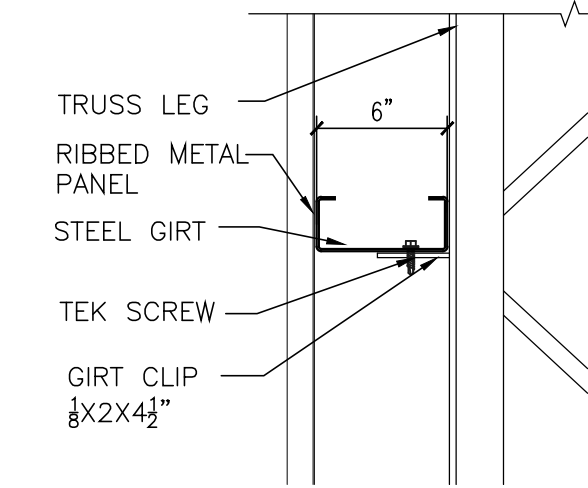
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TRUSS CONNECTION



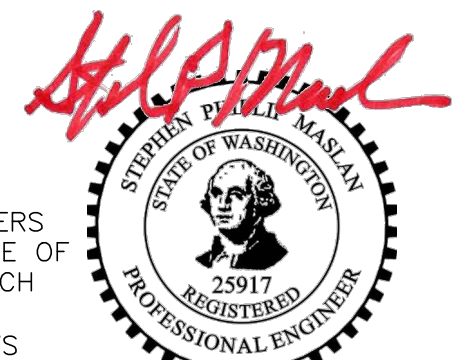
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E8
METAL PANEL CONNECTION



10
E8
EAVE DETAIL



11
E8
GIRT CONNECTION



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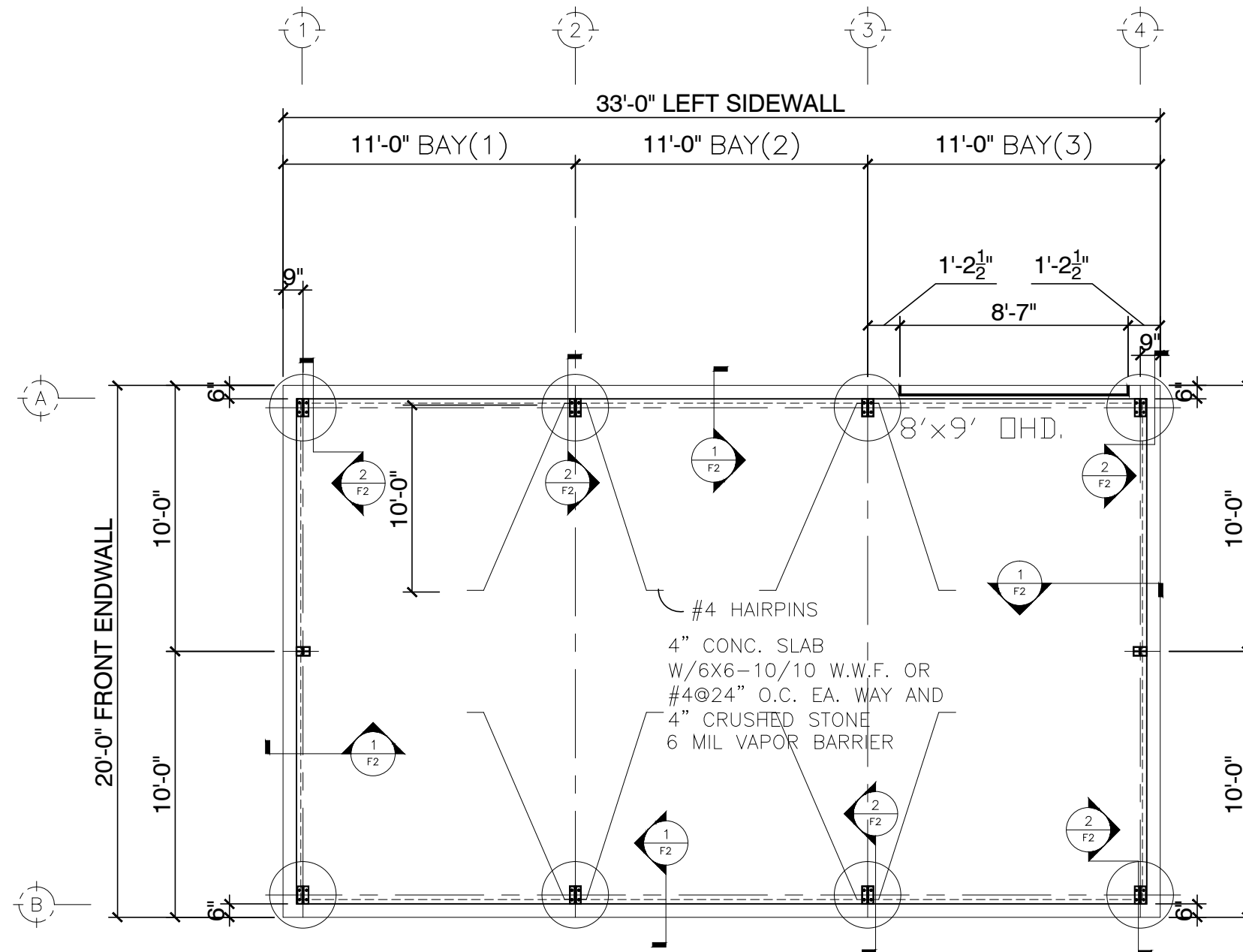
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FOUNDATION PLAN
SCALE 3/16" = 1'-0"

- A. Concrete
- Concrete shall develop a 28 day compressive strength (f'_c) of at least 3000 psi and shall be in accordance with ACI 301. Cement shall be Type 1 (gray) Portland. Mix shall include a polymeric compound water reducing admixture which complies with ASTM C494 as per manufacturer's recommendations. Air entrainment of 5% to 7% shall be used. Contractor shall satisfy himself that the mix design is acceptable for its intended purpose.
 - Coarse aggregate: regular weight concrete ASTM C33-18, maximum size as indicated for class of concrete.
 - Fine aggregate: ASTM C33-18, fineness modulus 2.3 to
4. Concrete shall be placed and cured in accordance with ACI 302.1R. Finish tolerance shall be in accordance with ACI 117 and shall conform to the following F number requirement:
Specified overall value: Ff-20/FI-15
Specified local value: Ff-15/FI-10
5. Protect concrete from freezing with a blanket or straw covering. Follow ACI 306R-16 for cold weather conditions.
6. Protect concrete from hot weather according to ACI 305R-20
1. SOIL BEARING $q=1500$ psf
2. Foundation design shall be based on the reactions indicated and the soil bearing capacity.
- C. Verify dimensions with metal building plans.
- D. Reinforcing steel shall be grade 60

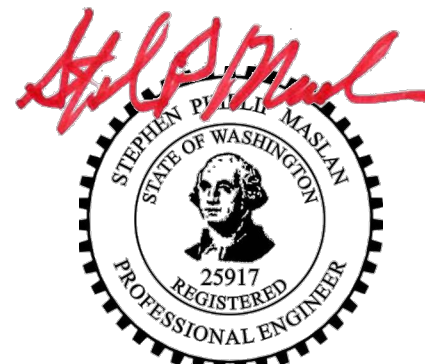


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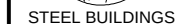
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F1



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F2



THIS IS GENERALLY RECOMMENDED FOR
STANDARD SECTIONAL OVERHEAD DOORS.
CONSULT YOUR DOOR MANUFACTURER FOR THEIR
SPECIFICATIONS OR RECOMMENDATIONS.

SLOPED SILL DETAIL



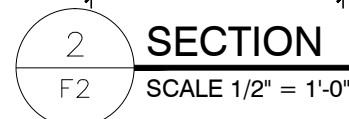
N.T.S.



N.T.S.



N.T.S.



5-1-26
EXPIRES 1-25-28