

PROJECT INFORMATION

PROJECT DESCRIPTION:
 (1x) REPLACEMENT STRUCTURE FOR (2x) SHEDS LOST TO ARSON.
 NO CHANGE OF USE

PROPOSED REPLACEMENT STRUCTURE:
 CMU BLOCK SHED BUILDING AND APPROX 30' LF OF FENCE REPAIR/REPLACEMENT.
 FLOOR AREA = 854 SF
 ROOF AREA = 1158 SF

(2x) ORIGINAL STRUCTURES LOST TO ARSON
 BOTH SHEDS WERE 2x4 @16" O.C. CONSTRUCTION W/ ASPHALT SHINGLE ROOFS.
 STORAGE SHED FOR SPORTS EQUIPMENT (BUILT OF ASPHALT) = 660 SF
 GATOR SHED (BUILT ON SLAB) = 312 SF
 TOTAL SQUARE FOOTAGE OF DESTROYED STRUCTURES = 972 SF
 TOTAL ROOF AREA OF DESTROYED STRUCTURES = 720+312 = 1,032 SF

TAXLOT: 17041413 MAP: 00100

ZONING: PL
 BUILDING USE: STORAGE 947 SF
 TRACK EQUIPMENT STORAGE: 667 SF
 GATOR STORAGE: 187 SF

CODES:
 OREGON STRUCTURAL SPECIALTY CODE - 2014
 OREGON MECHANICAL SPECIALTY CODE - 2014
 OREGON ELECTRICAL SPECIALTY CODE - 2014
 OREGON PLUMBING SPECIALTY CODE - 2014
 OREGON FIRE CODE - 2014

ACCESSIBILITY:
 EXISTING ACCESSIBLE PARKING AT SCHOOL ENTRY MEETS REQUIREMENTS

CONSTRUCTION TYPE: V-B
OCCUPANCY CLASS: S1, NON-SPRINKLED
 OSSC TABLE 1004.1.2: 1:300, 3 OCCUPANTS

PROJECT TEAM

ARCHITECT

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STRUCTURAL ENGINEER

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ELECTRICAL ENGINEER

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 85193 APPLE TREE DRIVE
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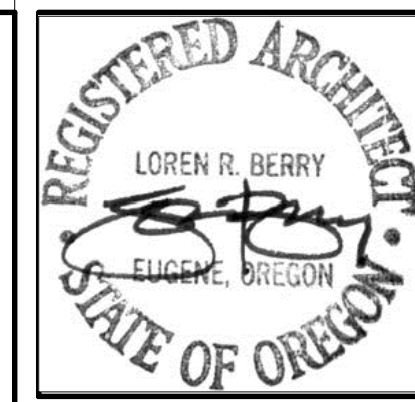
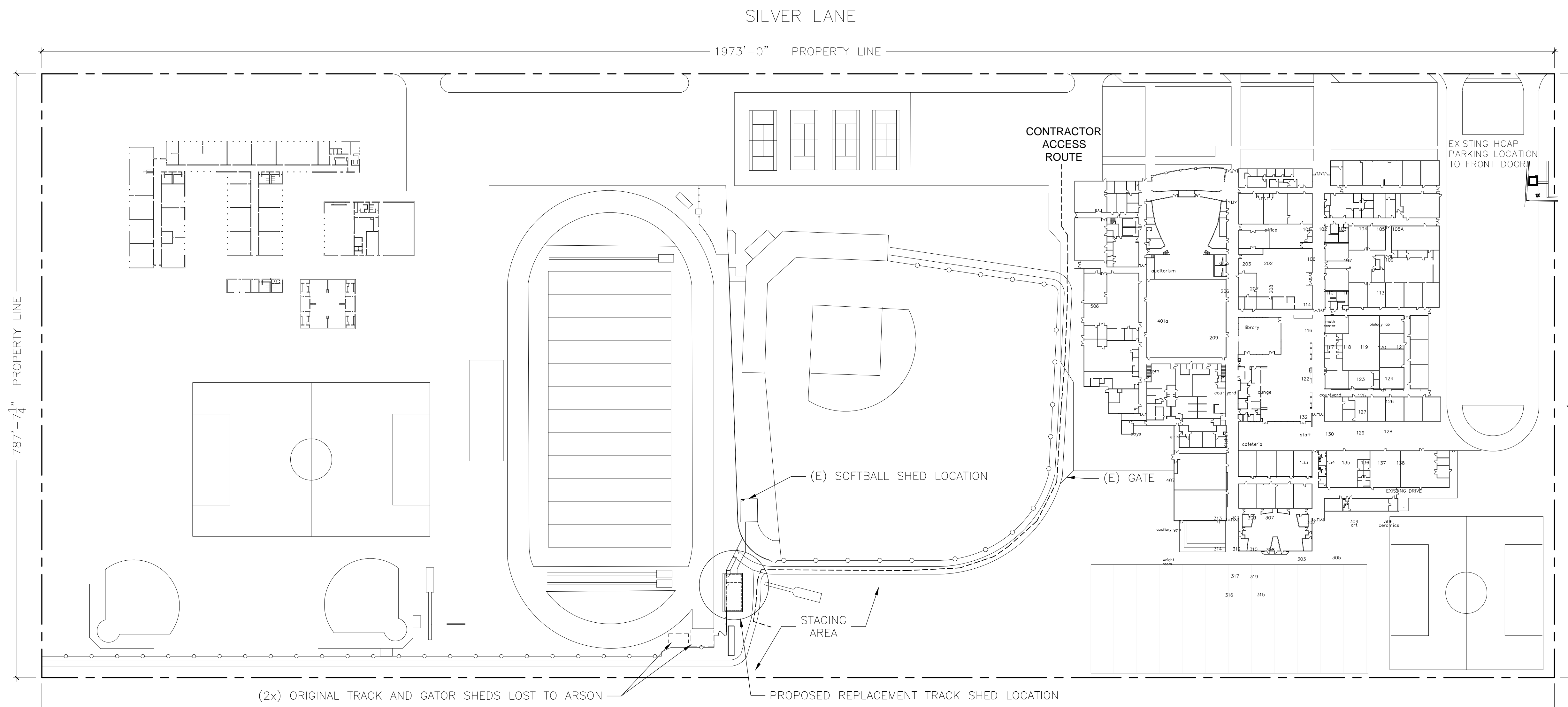
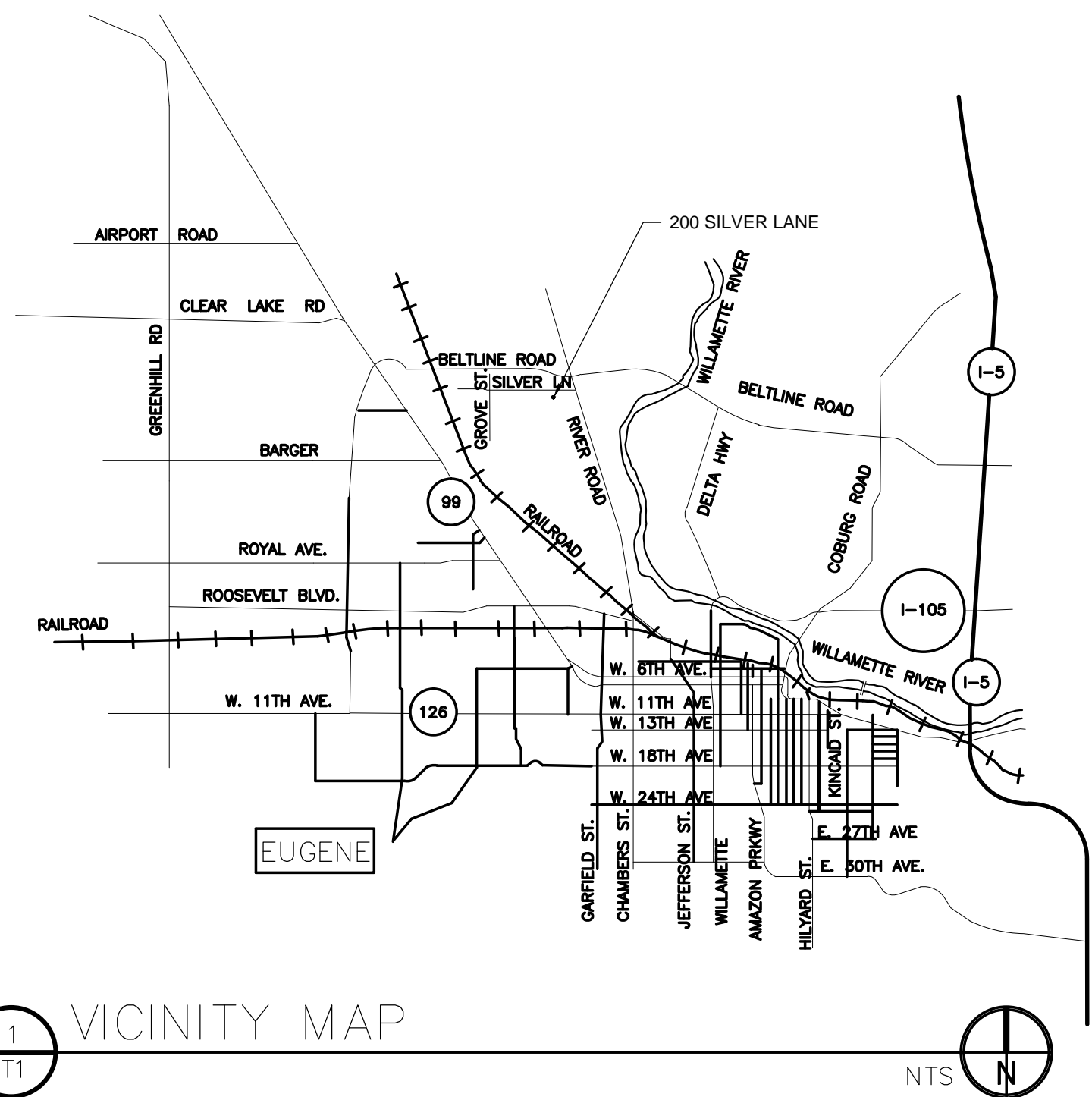
DRAWING INDEX

T1	TITLE SHEET, VICINITY MAP, SITE PLAN
A1	PARTIAL SITE PLAN, ABBREVIATIONS, GENERAL NOTES
A2	PLANS, SCHEDULES, SECTION
A3	ELEVATIONS
A4	DETAILS
A5	ADDITIONAL DETAILS
E0	ELECTRICAL PARTIAL SITE PLAN
E1	ELECTRICAL PLAN AND ONE-LINE

STATEMENT OF SPECIAL INSPECTIONS
 CONCRETE 1705.3 MASONRY 1705.4

CONCRETE:
 CONCRETE TESTING FOR 3500 PSI

MASONRY:
 REINFORCEMENT INSPECTION
 GROUT STRENGTH TEST



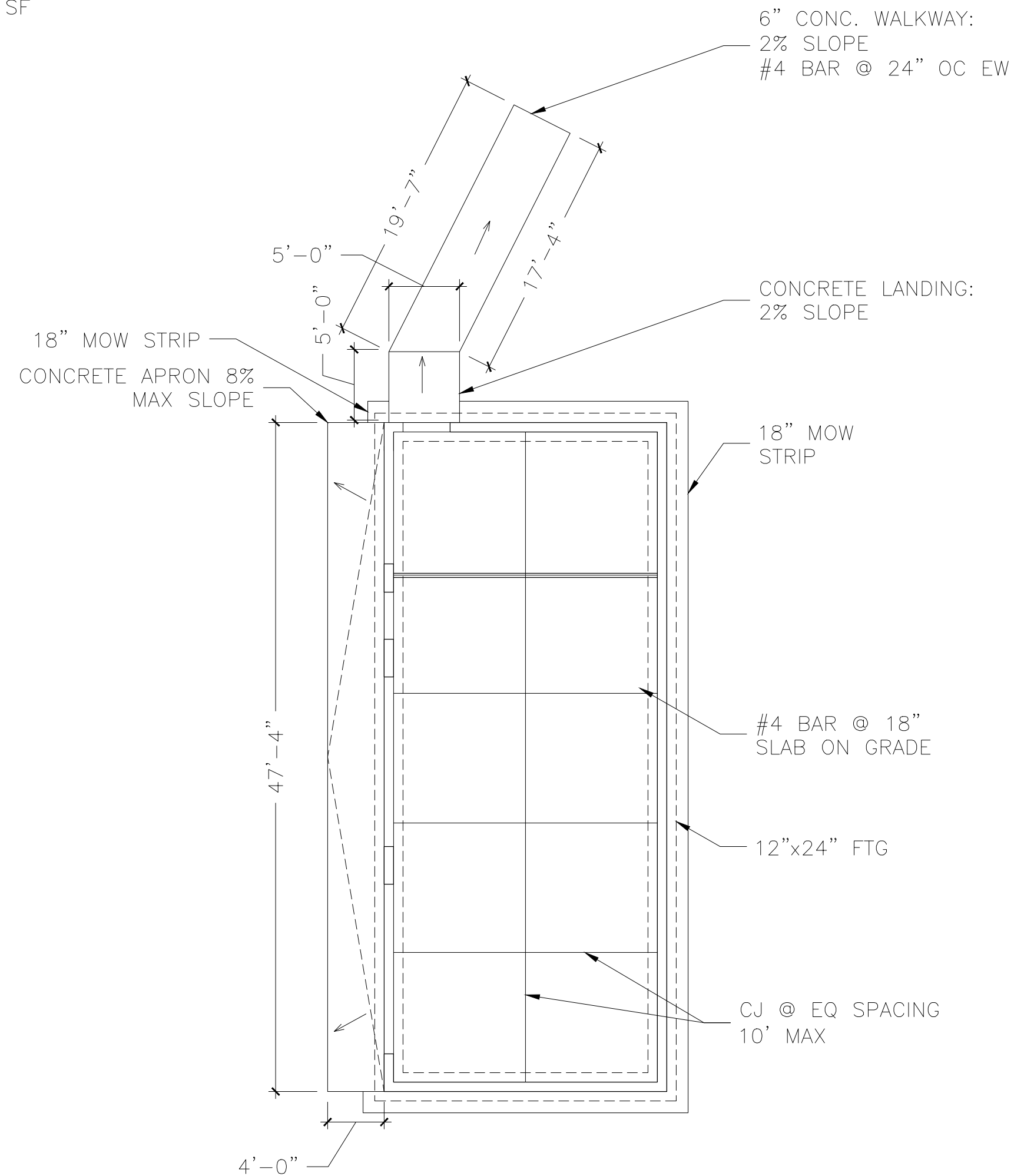
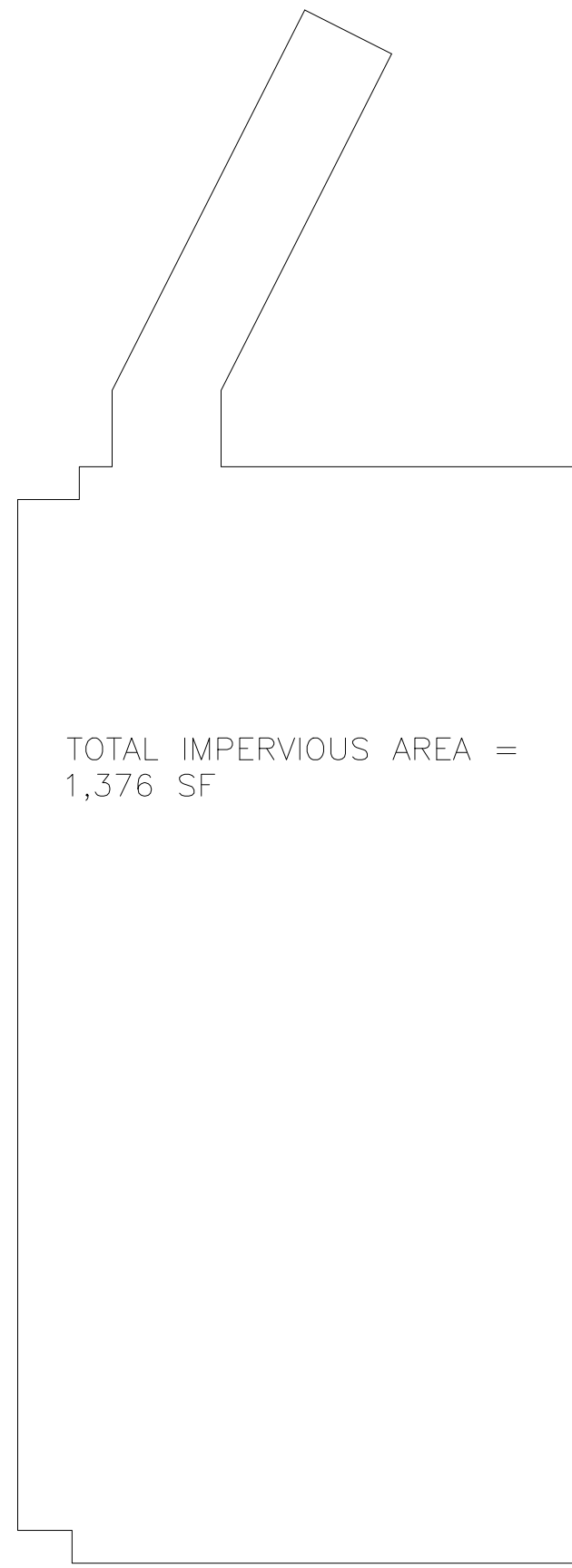
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NORTH EUGENE HIGH SCHOOL - TRACK SHED 2018
 CIP#: 600.766.000
 200 SILVER LANE EUGENE, OREGON 97404
 1708
 TITLE SHEET

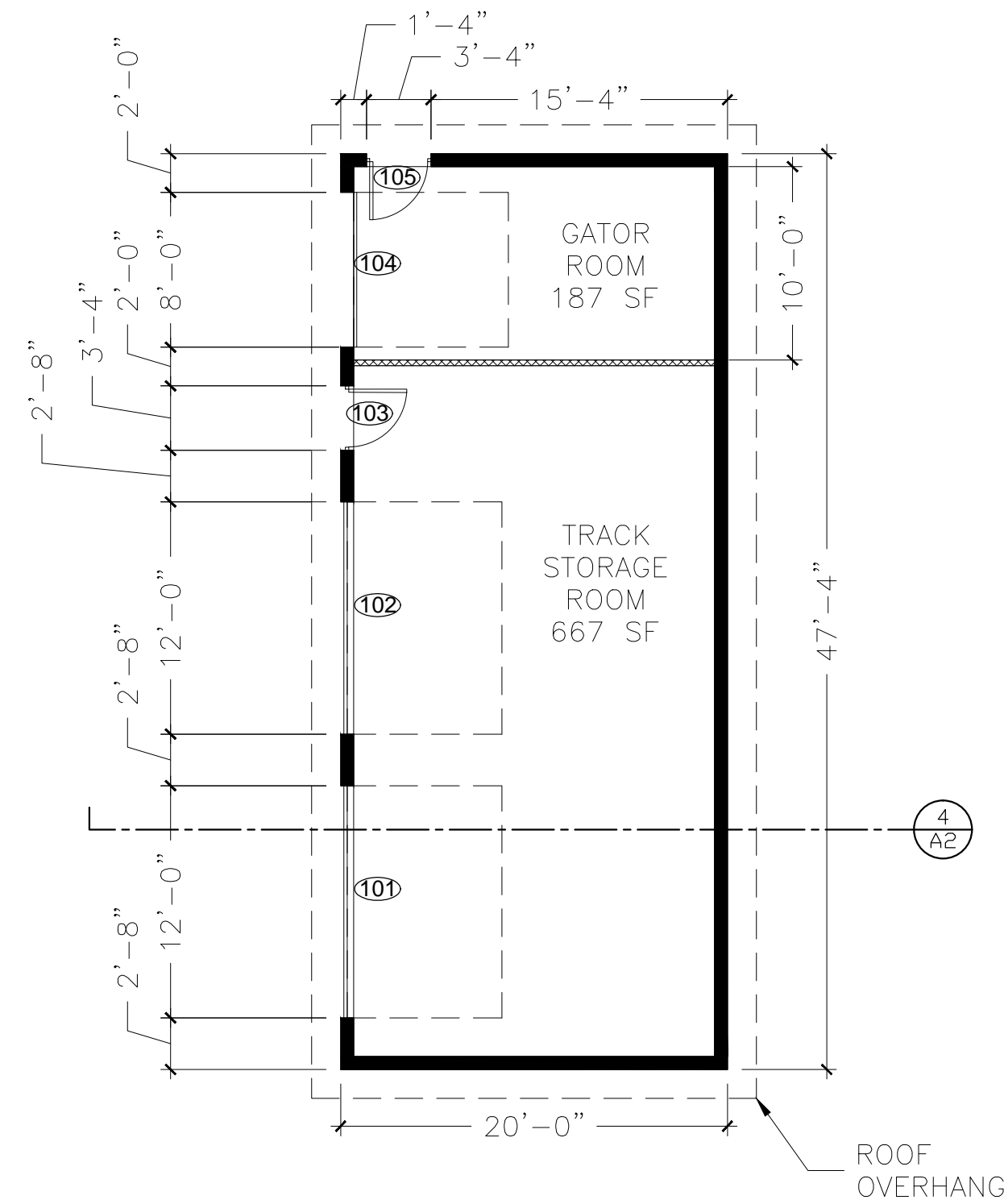
PROJECT NUMBER	1708	
DRAWN	AMB	
CHECKED	LRB	
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REVISIONS		
No.	Description	Date

SHEET NUMBER
T1

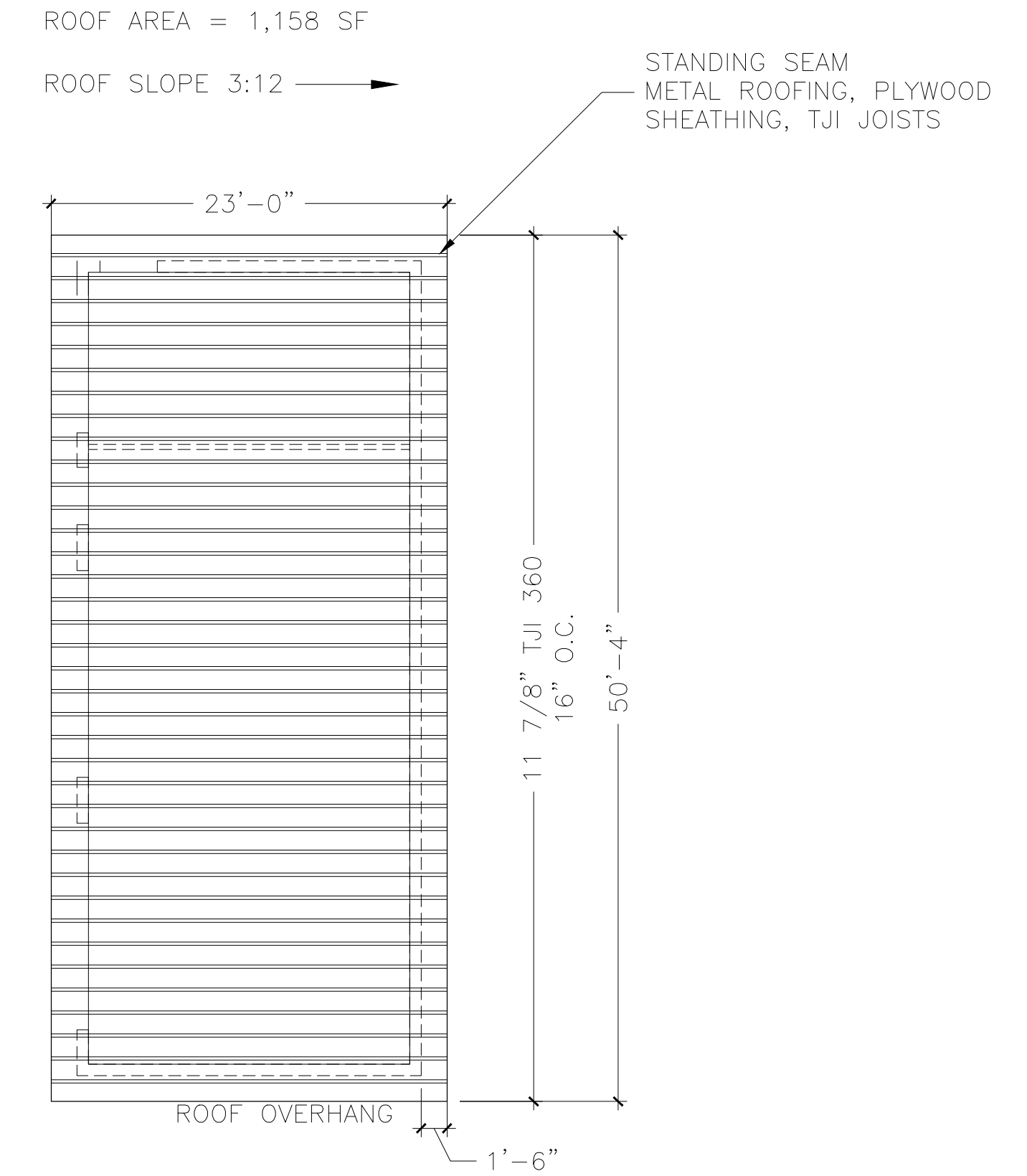
PROPOSED CONCRETE WALK AND APRON AREA
 WALKWAY AREA = 108 SF
 APRON AREA = 190 SF
 MOW STRIP AREA = 132 SF
 ROOF AREA = 1,158 SF



1 FOUNDATION PLAN
 1/8" = 1'-0"



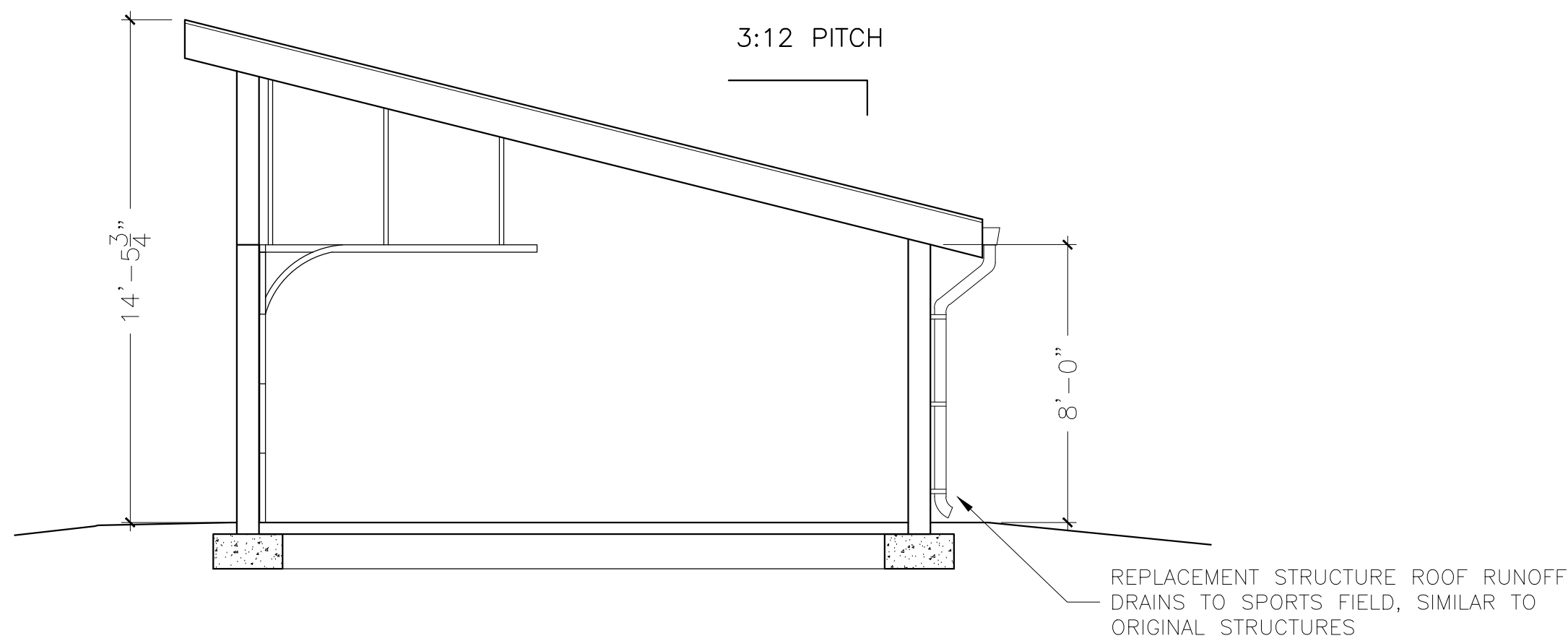
2 FLOOR PLAN
 1/8" = 1'-0"



3 ROOF FRAMING PLAN
 1/8" = 1'-0"

WALL LEGEND

- 2x4 WOOD STUD WALL, PLYWOOD ONE SIDE ONLY
- CMU BLOCK WALL, 8"x8"x16"



4 SECTION
 1/4" = 1'-0"

DOOR SCHEDULE

DOOR NO.	TYPE	DOOR				FRAME		HARDWARE GROUP	DESCRIPTION	
		MAT	WIDTH	HEIGHT	FIN	GLAZE	MAT			FIN
101	2	S	12'	8'	FF	-	S	FF	01	OVERHEAD DOOR—MODEL 416 SECTIONAL STEEL
102	2	S	12'	8'	FF	-	S	FF	01	OVERHEAD DOOR—MODEL 416 SECTIONAL STEEL
103	1	HM	3'	7'	PNT	-	HM	PNT	02	
104	2	S	8'	8'	FF	-	S	FF	01	OVERHEAD DOOR—MODEL 416 SECTIONAL STEEL
105	1	HM	3'	7'	PNT	-	HM	PNT	03	

HARDWARE GROUP 01: INTERIOR HARDWARE ONLY



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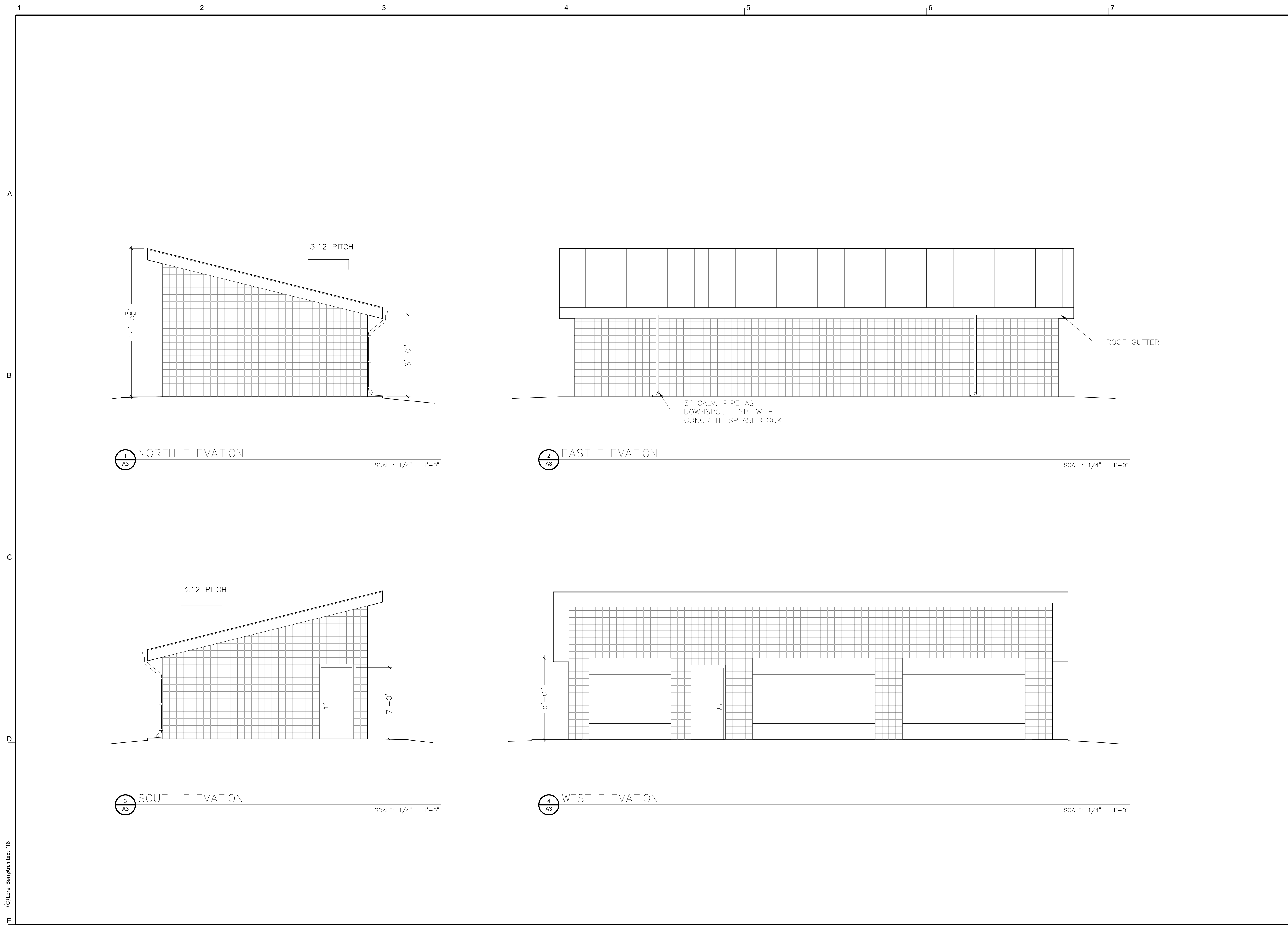
CHECKED LRB

DATE 2/5/2018

REVISIONS

No.	Description	Date

SHEET NUMBER
A2



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

2 EAST ELEVATION SCALE: 1/4" = 1'-0"

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

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



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 ELEVATIONS

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A3



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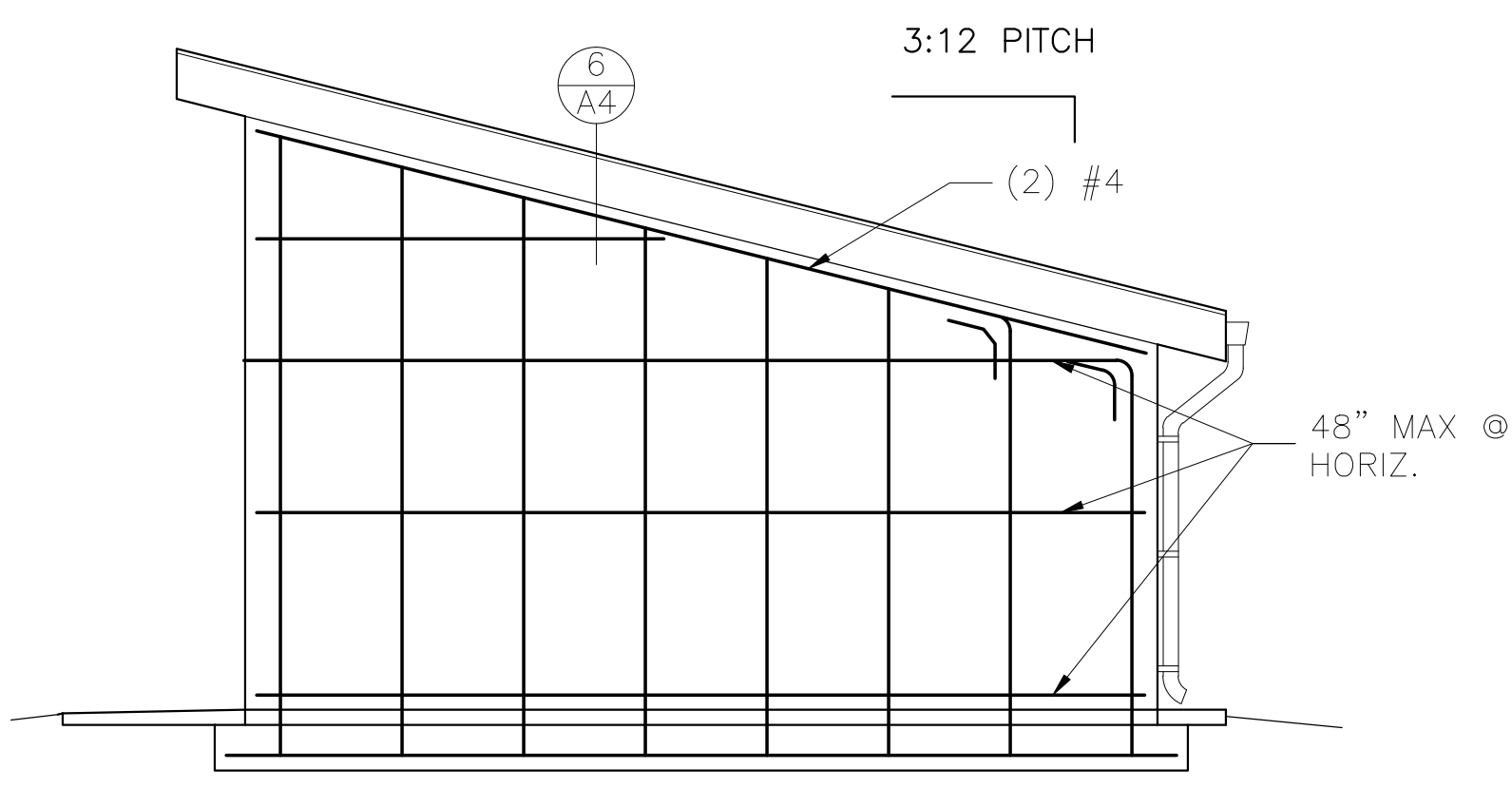
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DETAILS

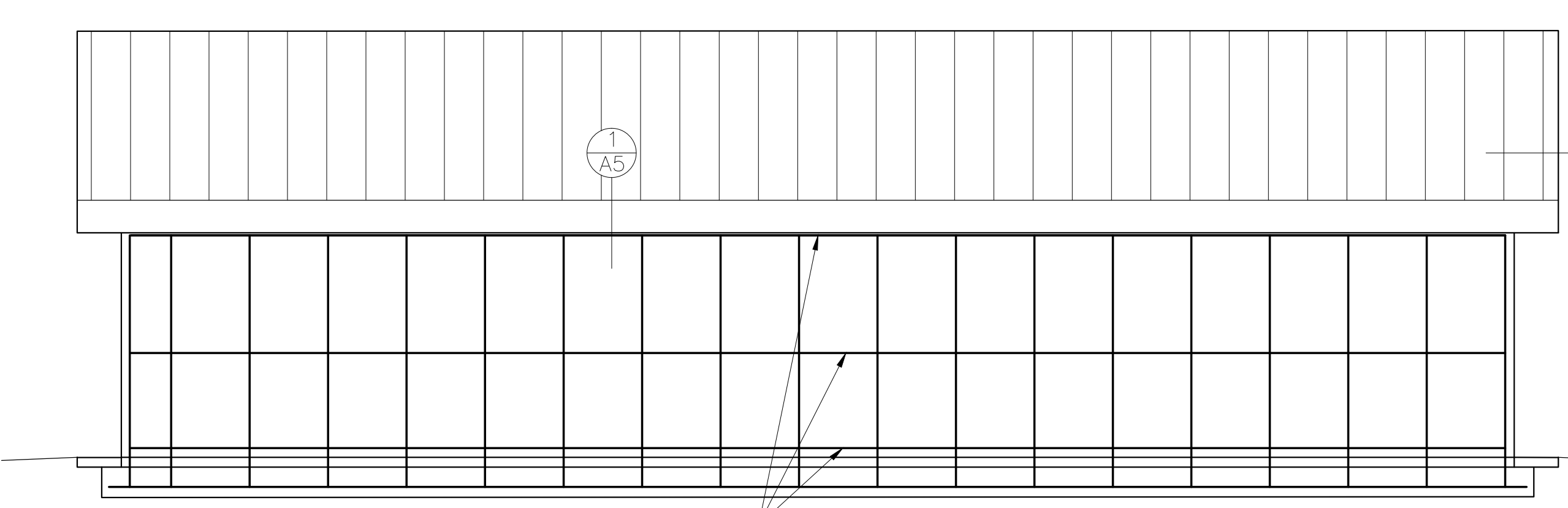
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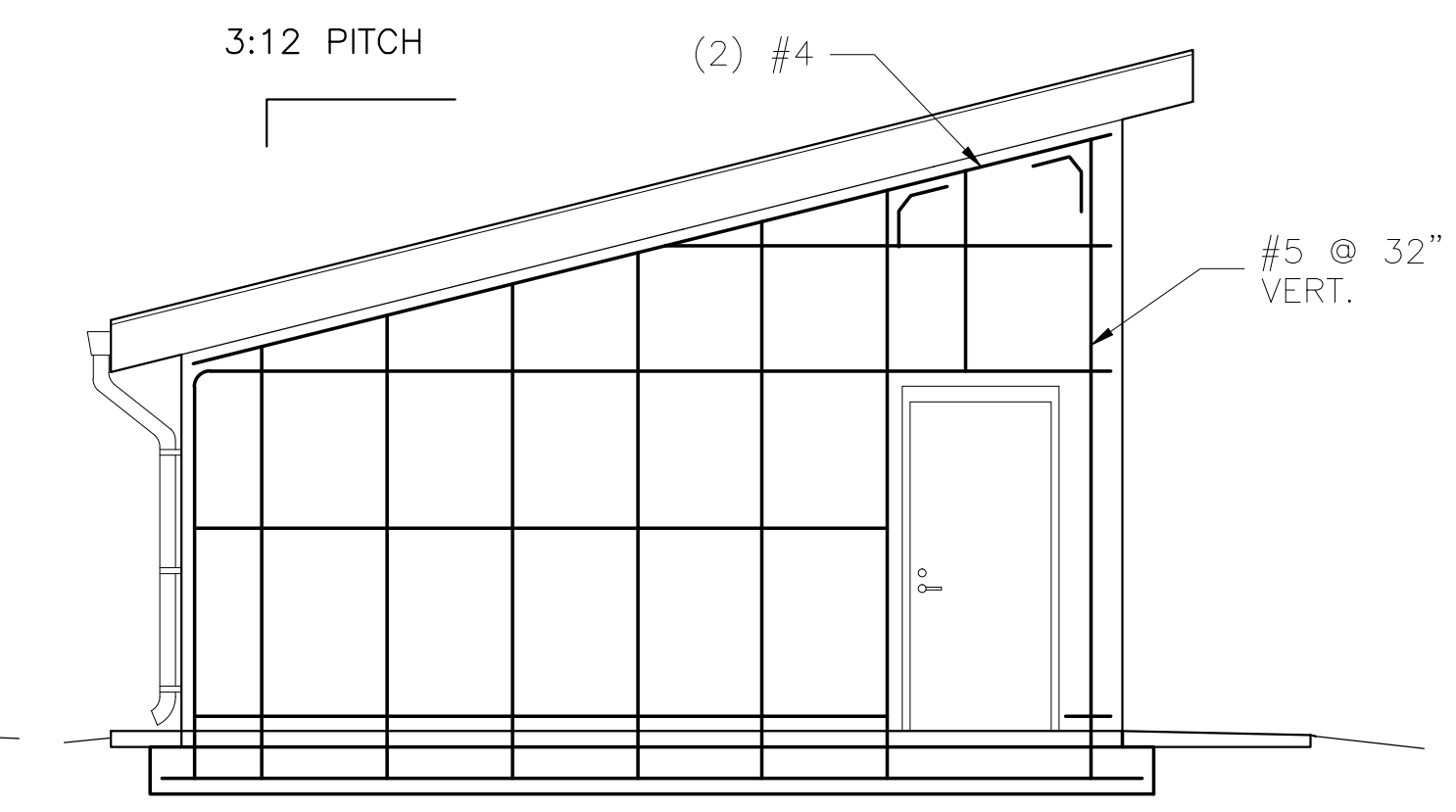
A4



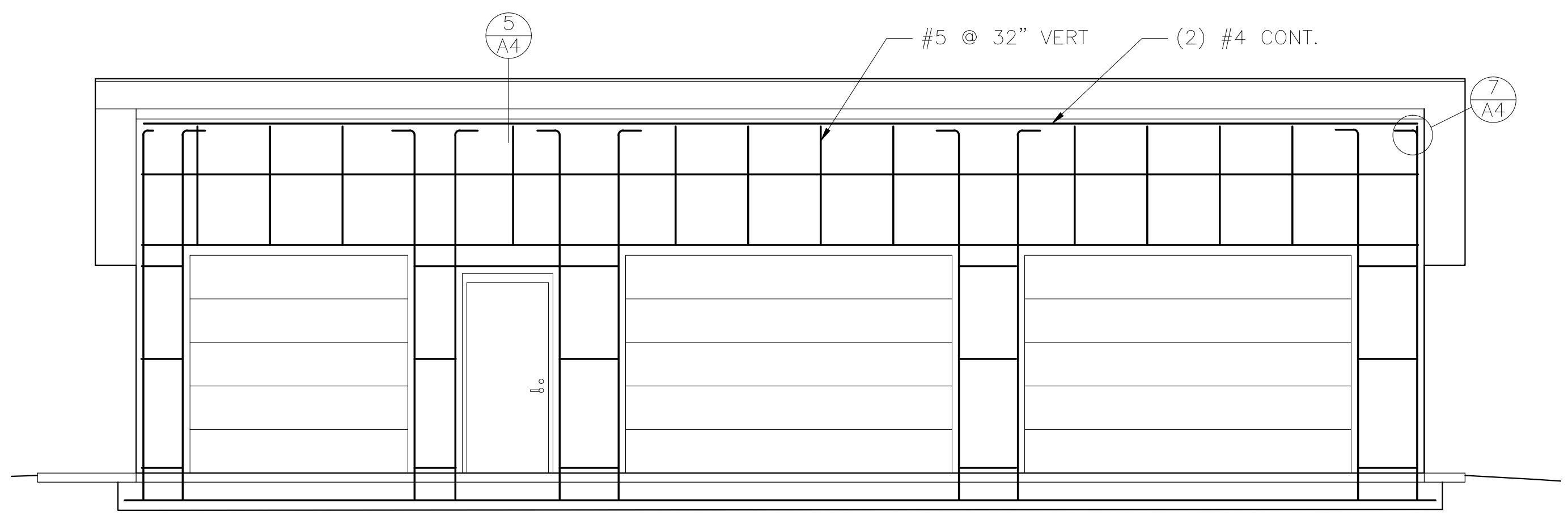
1 REINFORCEMENT NORTH SCALE: 1/4" = 1'-0"



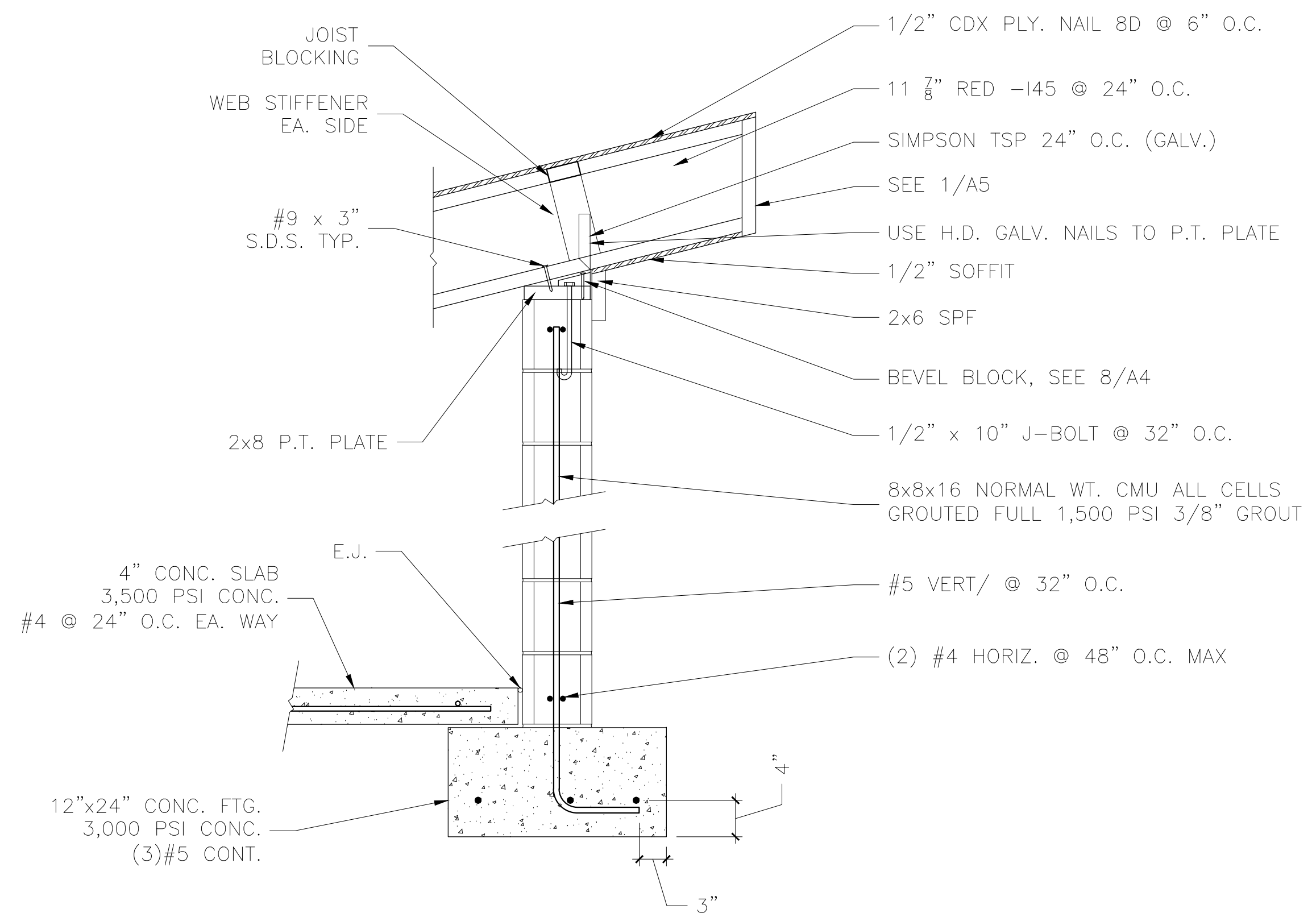
2 REINFORCEMENT EAST SCALE: 1/4" = 1'-0"



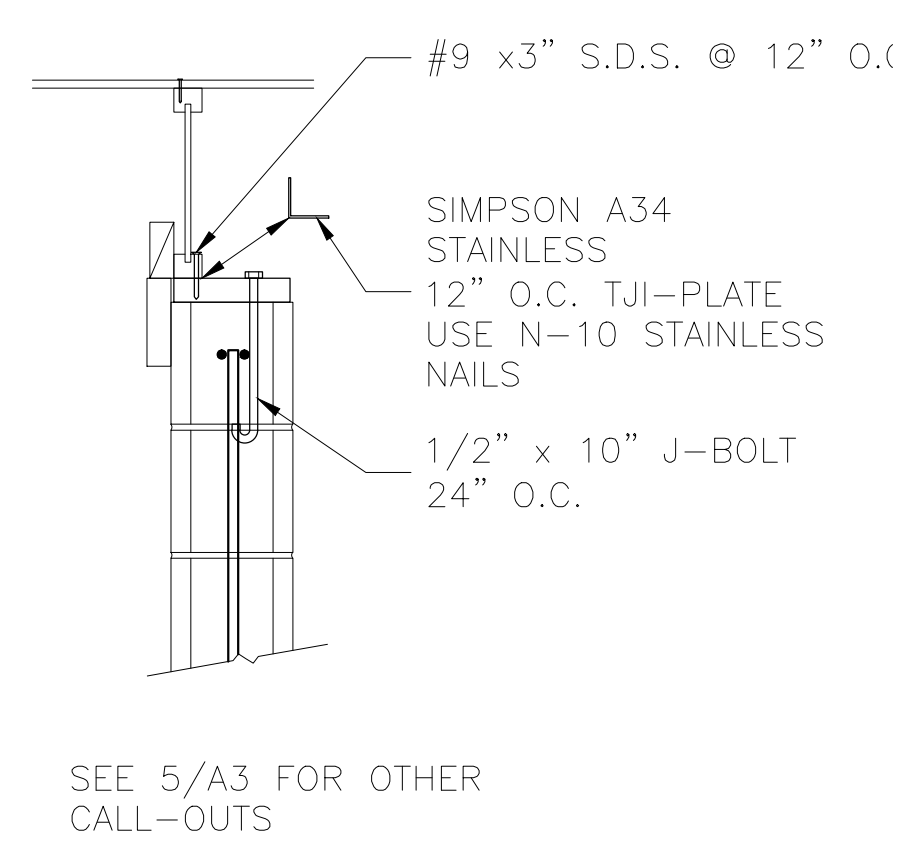
3 REINFORCEMENT SOUTH SCALE: 1/4" = 1'-0"



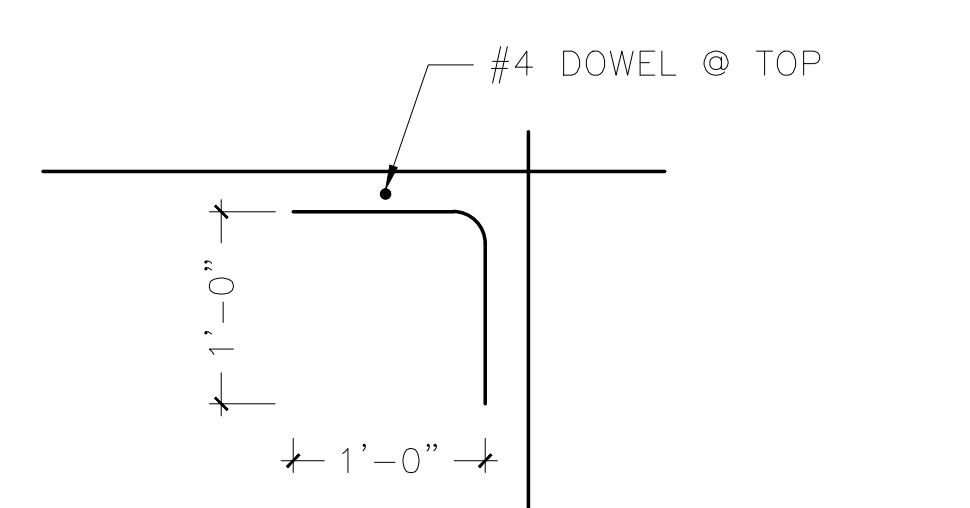
4 REINFORCEMENT WEST SCALE: 1/4" = 1'-0"



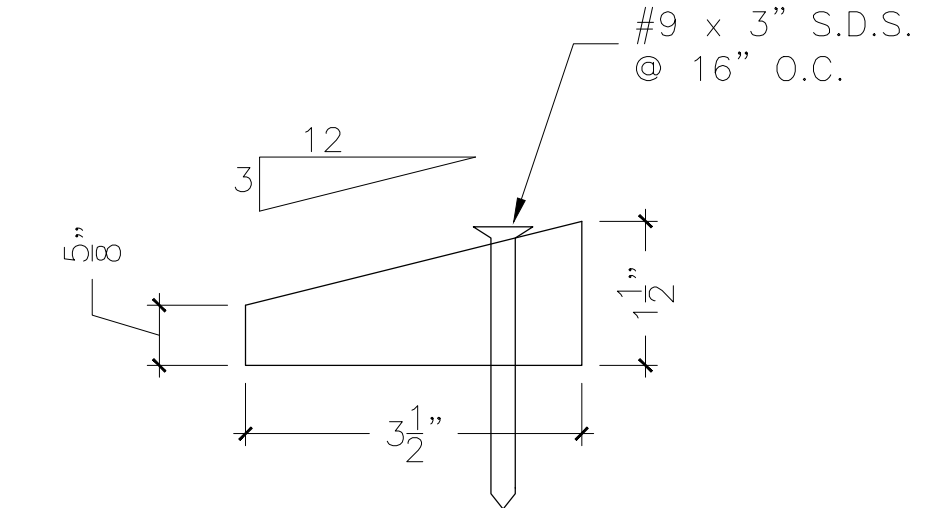
5 FOUNDATION / CORNICE SECTION DETAIL SCALE: 1" = 1'-0"



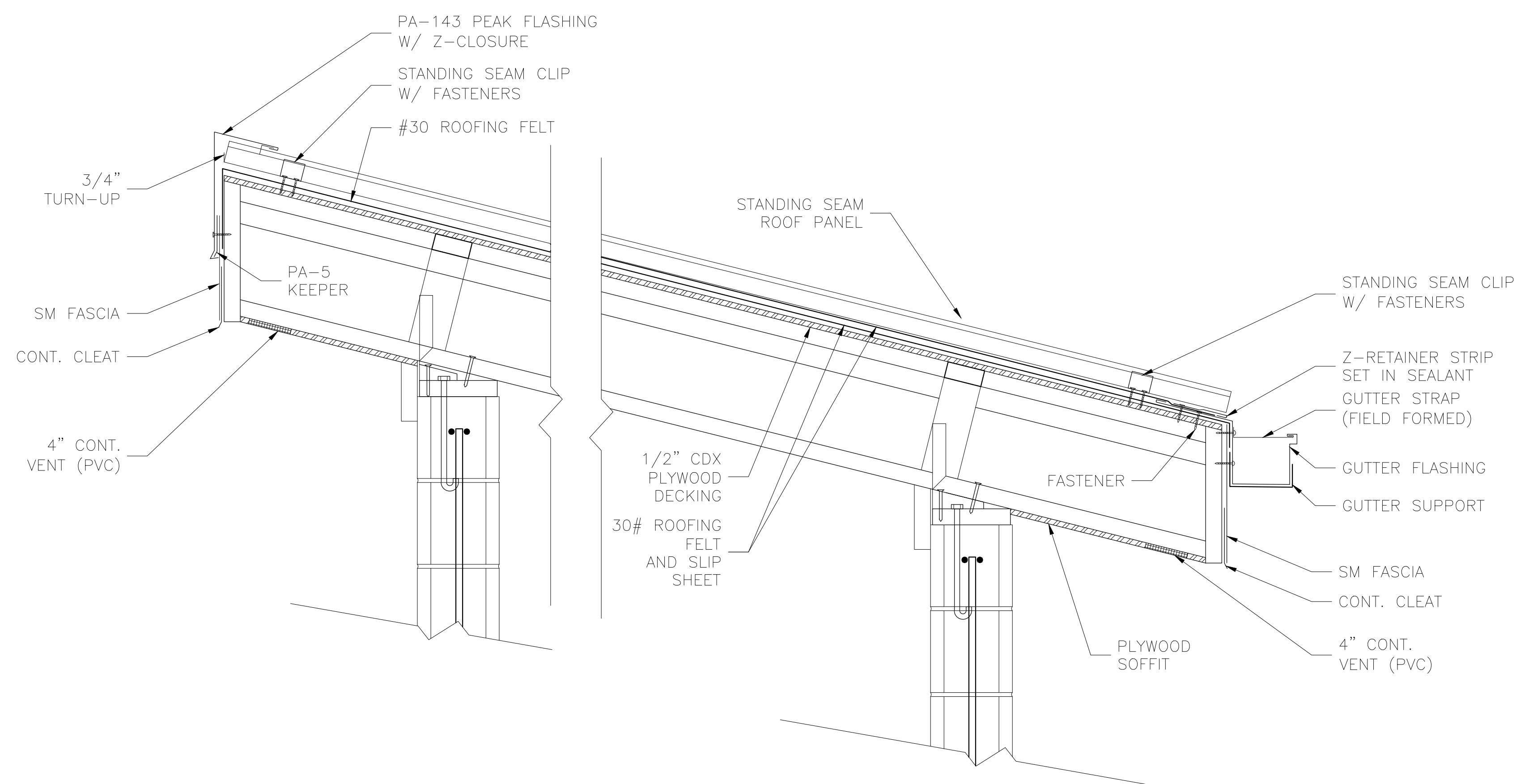
6 RAKE DETAIL SCALE: 1" = 1'-0"



7 REINFORCEMENT @ TOP CORNER SCALE: 1" = 1'-0"

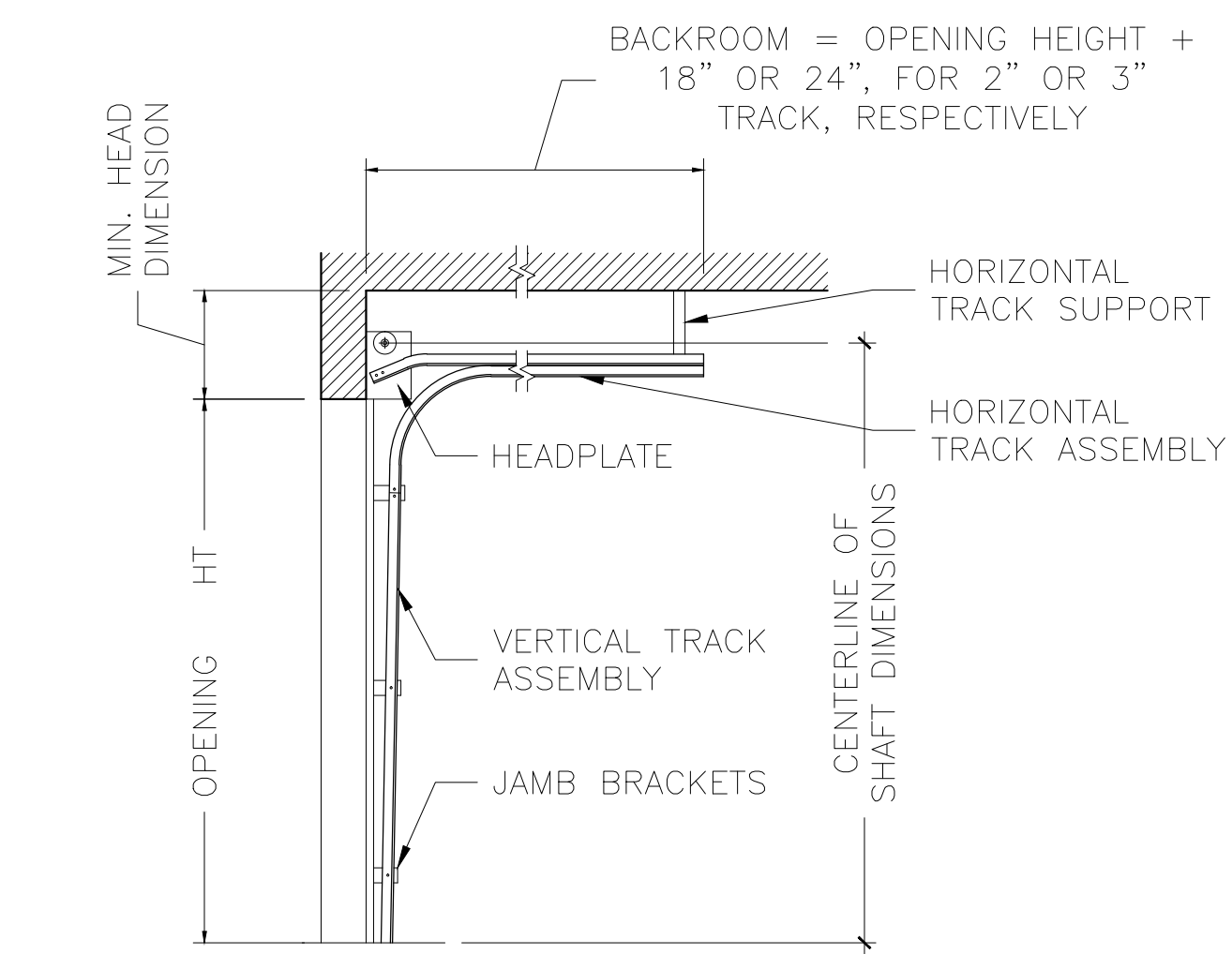


8 BEVEL BLOCK SCALE: 6" = 1'-0"



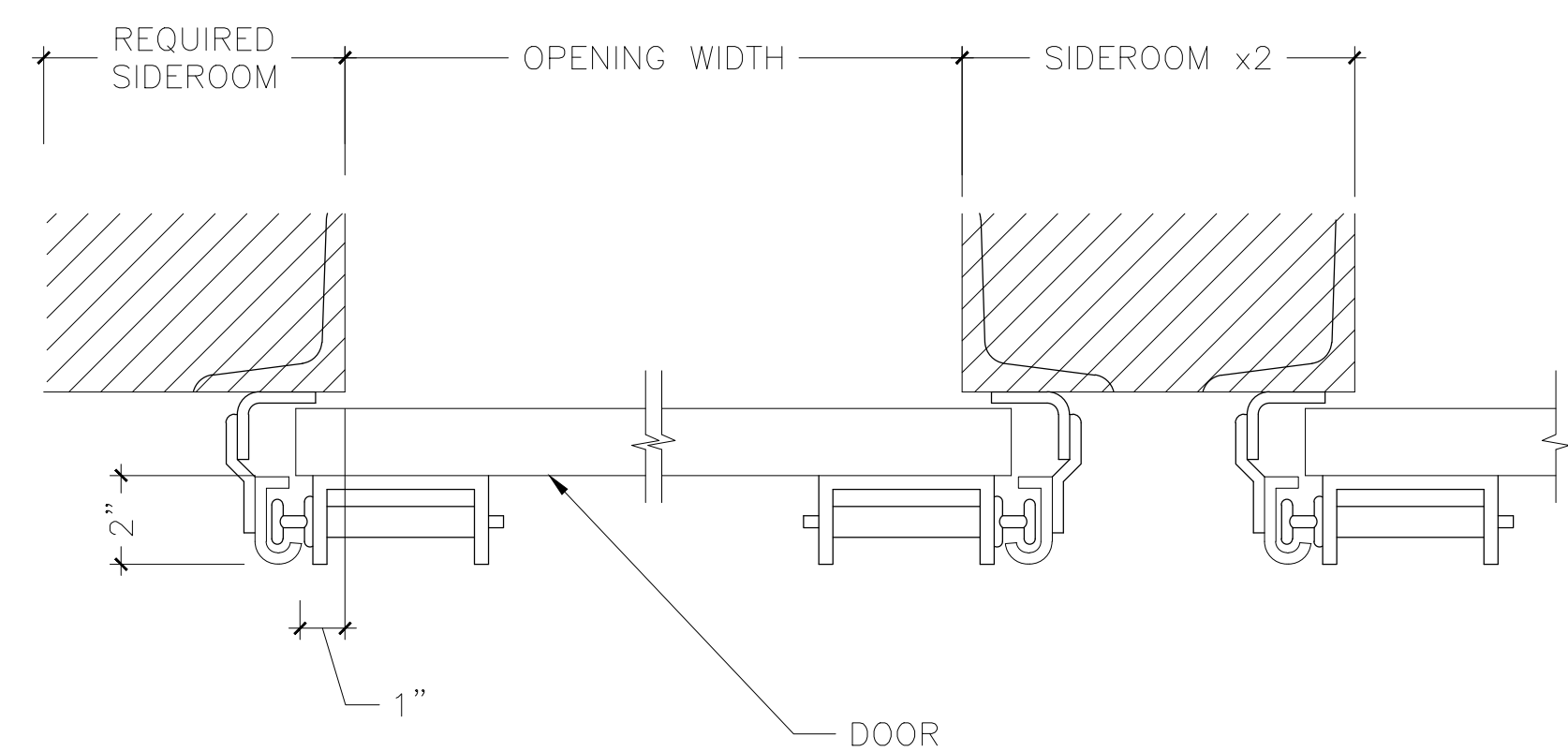
1 ROOF DETAIL @ PEAK & GUTTER

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



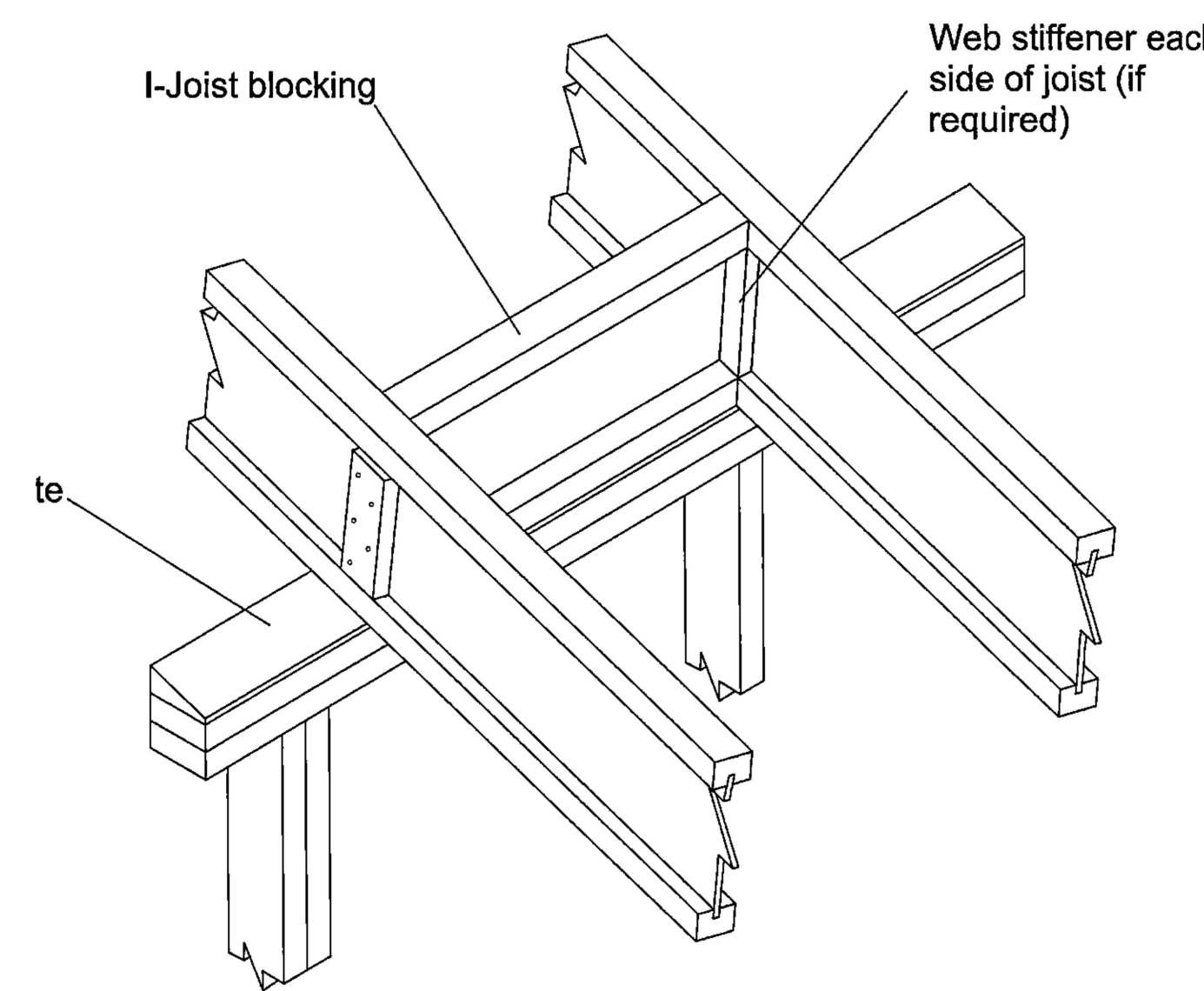
2 OVERHEAD DOOR MODEL 416: TRACK DETAIL

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



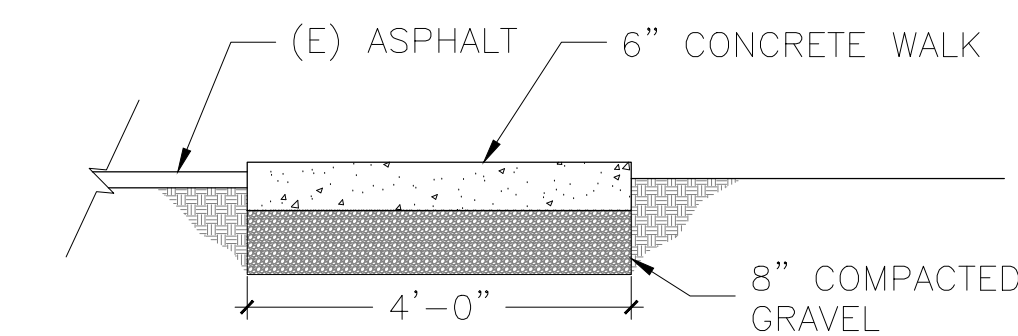
3 OVERHEAD DOOR MODEL 416: SIDEROOM DETAIL

SCALE: 3" = 1'-0"



4 SLOPE DETAIL

SCALE: NTS



5 CONCRETE WALK DETAIL

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

DESIGN CRITERIA:

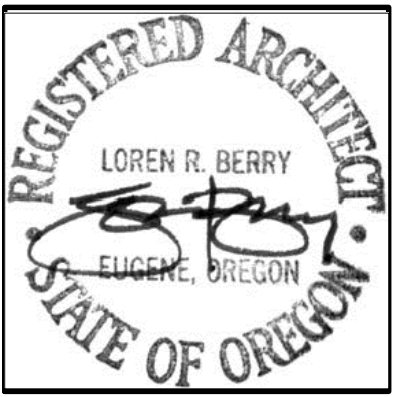
FLOOR LIVE LOAD 125 PSF, SLAB ON GRADE / (E) FLOOR
 ROOF LIVE (SNOW) 25 PSF
 WALL LIVE (WIND) 110 MPH EXPOSURE C, CLASS 3 OCCUPANCY
 ROOF DEAD LOAD 10 PSF, MINIMUM

LUMBER DESIGN VALUES #2 D FIR UNLESS NOTED
 CONCRETE 2500 PSI FOR DESIGN, 3500 PSI FOR PERFORMANCE
 STEEL 36 KSI FOR STRUCTURAL, 60 KSI FOR REINFORCEMENT

CODES AND STANDARDS
 ASCE AND 7-10
 2014 OSSC / AISC 9

SEISMIC VALUES:

S_s 0.8107
 S_i 0.4215
 SOIL BEARING 500 PSF



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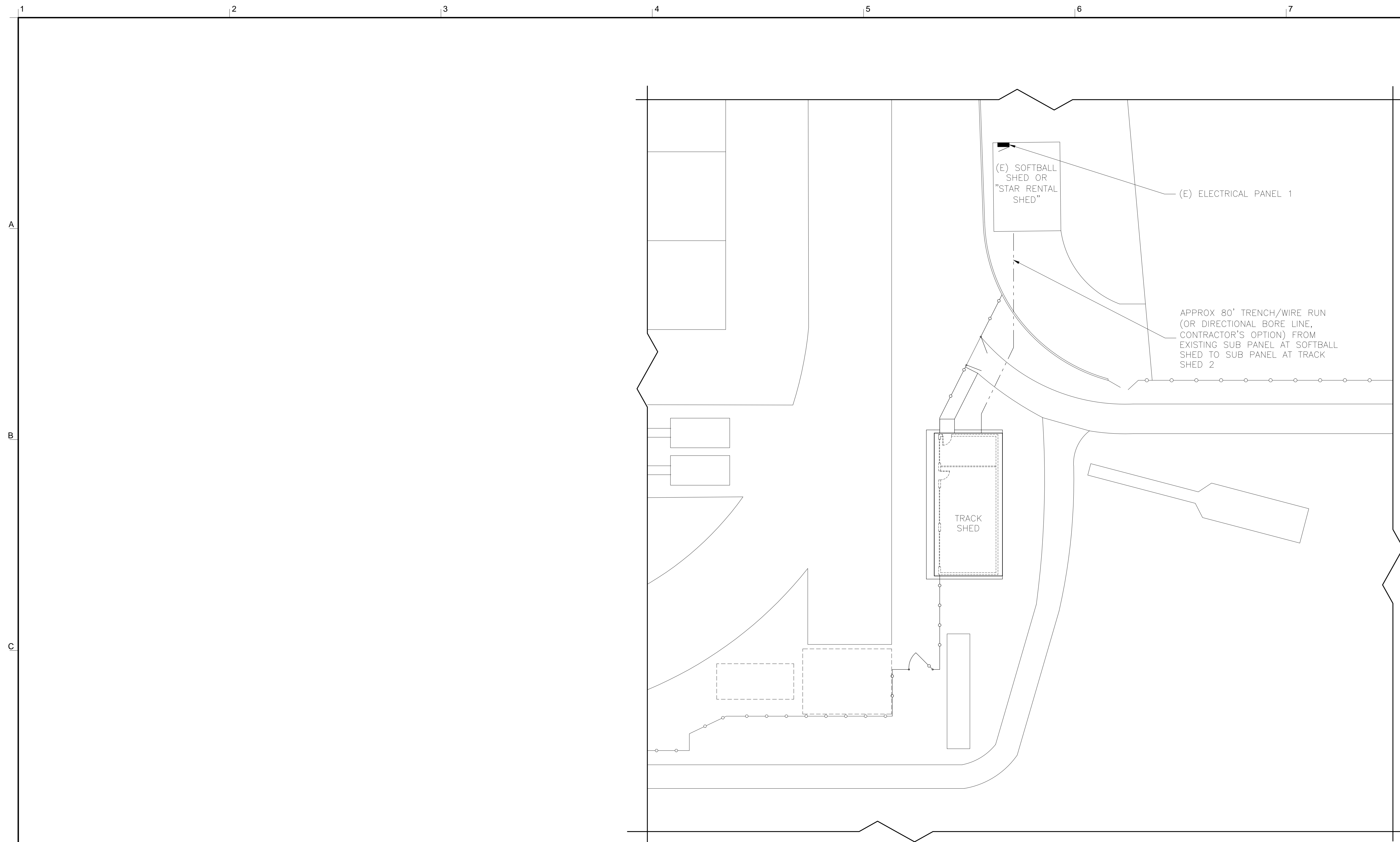
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ADDITIONAL DETAILS


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SHEET NUMBER

A5



1
E0 PARTIAL SITE PLAN FOR ELECTRICAL

1/16" = 1'-0" 


- NOTES:
1. EXISTING 50 AMP, MAIN BREAKER ITE LOAD CENTER 120/240V 1-PHASE, 3 WIRE. INSTALL NEW 30/2 CIRCUIT BREAKER TO FEED NEW STORAGE SHED.
 2. RUN NEW FEEDER EXPOSED @ CEILING THROUGH SOFTBALL SHED THEN TRANSITION UNDERGROUND TO NEW TRACK SHED. RUN FEEDER IN EMT INSIDE SOFTBALL SHED AND PVC SCHEDULE 40 UNDERGROUND.
 3. SEE DRAWING E1 FOR ELECTRICAL WORK IN NEW BUILDING.



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 ELECTRICAL PARTIAL SITE PLAN

PROJECT NUMBER	1708	
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SHEET NUMBER
E1

PANEL SCHEDULE

PANEL: Softball Shed Panel
DATE: June 23, 2017
PROJECT: North Eugene HS Shed
VOLTS: 120/240
TYPE: ITE Loadcenter **AMPS:** 50
LOCATION: Garage
PHASE: 1 **WIRE:** 3
MOUNTING: Flush
MAIN: Breaker

LOAD CLASS	Conn. YA	Demand Factor	Demand Load YA
LIGHTING	800	1.25	1125
OUTLETS	1440		1440
MOTOR LOADS	0		0
WELDING OUTLET	4000		4000

TOTAL VOLT-AMPS		Connected	Demand****
		5,680	6,565
MAXIMUM PHASE AMPS		25.7	26.3

BREAKER A	P	DESCRIPTION	WATTS	CIR. NO.	PHASE	CIR. NO.	WATTS	DESCRIPTION	BREAKER P	A
50	2	Main Breaker		1	A	2		Space		
		Space		3	B	4		Space		
		Space		5	A	6		Space		
		Space		7	B	8		Space		
30	2	Track Storage Shed - Note 1	300	9	A	10		Space		
		Space	360	11	B	12		Space		
		Space		13	A	14		Space		
30	2	Welding Outlet	2000	15	B	16	360	Receptacles	1	20
		Space	2000	17	A	18	600	Lighting	1	20
20	1	Receptacles	360	19	B	20	360	Receptacles	1	20
		PHASE TOTALS			Connected YA	A	B			
					2600	3080				
					Connected Amps	21.7	25.7			

NOTES: 1. Install new 30/2 circuit breaker in existing ITE loadcenter

2 E1 PANEL SCHEDULE - BASEBALL SHED

PANEL SCHEDULE

PANEL: Track Shed Panel
DATE: June 23, 2017
PROJECT: North Eugene HS Shed
VOLTS: 120/240
TYPE: Loadcenter **AMPS:** 30
LOCATION: Track Storage Shed
PHASE: 1 **WIRE:** 3
MOUNTING: Surface
MAIN: Breaker

LOAD CLASS	Conn. YA	Demand Factor	Demand Load YA
LIGHTING	300	1.25	375
OUTLETS	360	*****	360
	0	**	0
	0	***	0
	0		0

TOTAL VOLT-AMPS		Connected	Demand****
		660	735
MAXIMUM PHASE AMPS		3.0	3.6

BREAKER A	P	DESCRIPTION	WATTS	CIR. NO.	PHASE	CIR. NO.	WATTS	DESCRIPTION	BREAKER P	A
30	2	Main Breaker		1	A	2		Space		
		Space		3	B	4		Space		
20	1	Lighting	300	5	A	6		Space		
20	1	Receptacles	360	7	B	8		Space		
20	1	Spare		9	A	10		Space		
20	1	Spare		11	B	12		Space		
		PHASE TOTALS			Connected YA	A	B			
					300	360				
					Connected Amps	2.5	3.0			

NOTES:

3 E1 PANEL SCHEDULE - TRACK SHED

LIGHT FIXTURE SCHEDULE

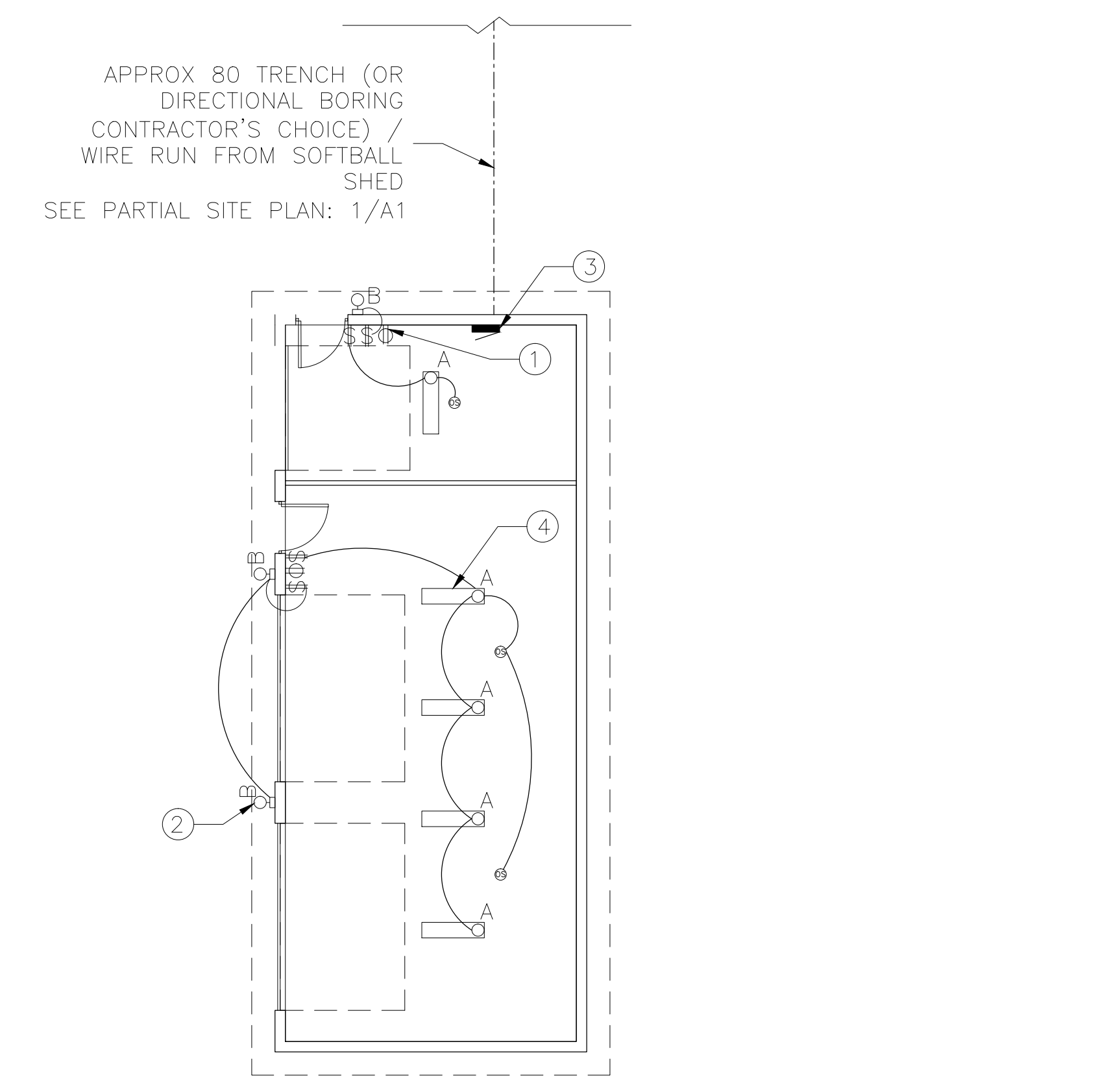
FIXTURE TYPE	Description	Representative Part Number	Lamps / Wattage	Voltage Rating	Notes
A	LED Strip light with diffuser lens	Lithonia ZL2N L48 3000LM MDDD 120 40K 80CRI WH	42 Watt LED	120	
B	Surface LED Security Light - Bronze Finish with Photocell	Lithonia OLW14	18 Watt LED	120	

4 E1 LIGHT FIXTURE SCHEDULE

FEEDER SCHEDULE

Tag	Conduit	Conductors	Ground
30A	1"	3#8	#8

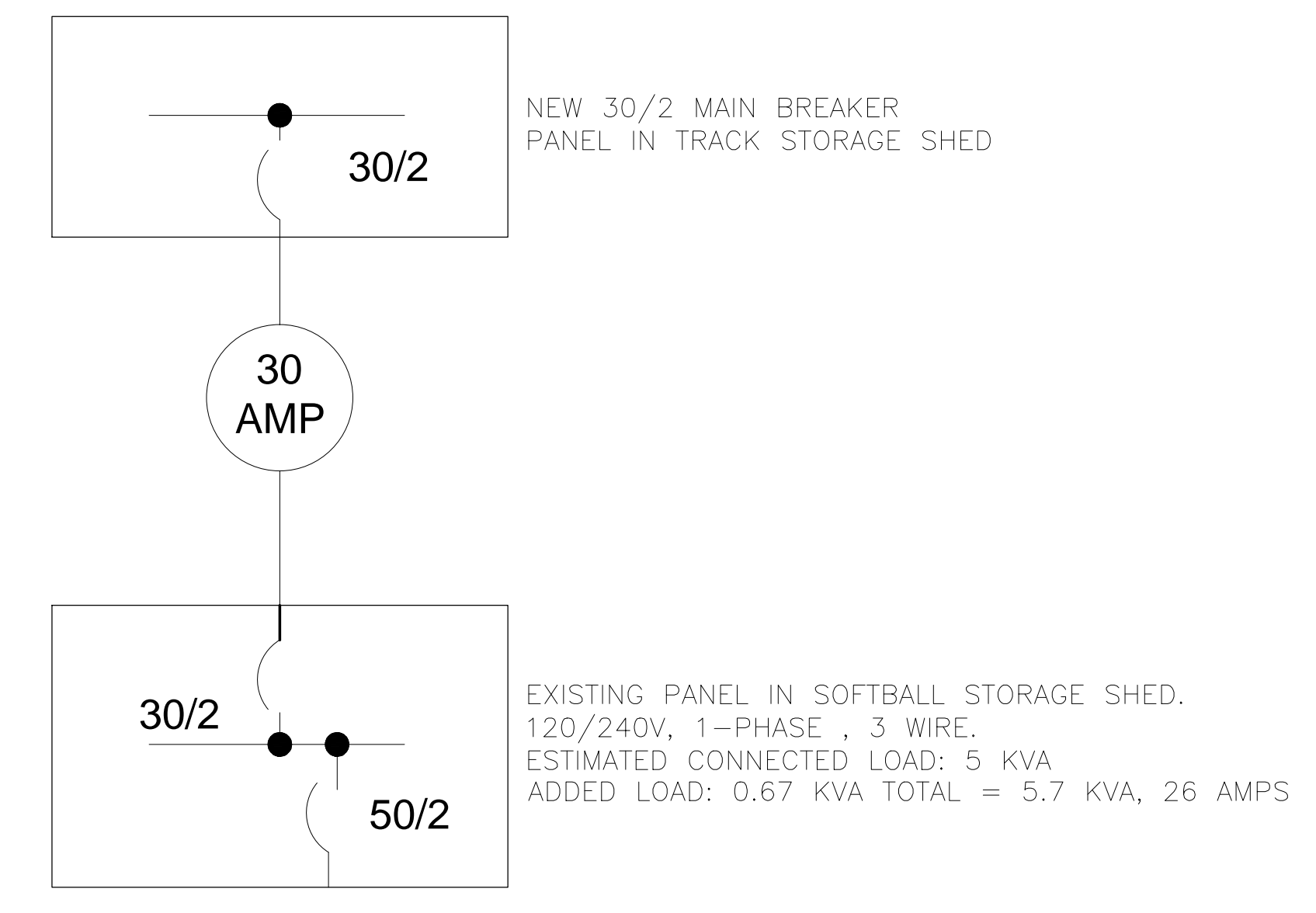
5 E1 FEEDER SCHEDULE



1 E1 ELECTRICAL PLAN 1/8" = 1'-0"

- LEGEND:**
- ELECTRICAL PANEL
 - ⊕ DUPLEX RECEPTACLE
 - ⌘ SINGLE POLE SWITCH
 - A SURFACE MOUNTED LINEAR LED FIXTURE
 - B WALL MOUNTED LED FIXTURE
 - CONDUIT RUN CONCEALED IN WALLS AND EXPOSED @ CEILING
 - CONDUIT RUN UNDERGROUND
 - ② NOTE REFERENCES
 - Ⓞ LINE VOLTAGE OCCUPANCY SENSOR - CEILING MOUNTED

- KEYNOTES:**
- ELECTRICAL OUTLET BELOW SWITCHES
 - (3x) EXTERIOR WALL MOUNT AUTO LIGHTS WITH INTEGRAL PHOTO SENSOR, TYP.
 - ELECTRICAL SUB PANEL
 - (5x) 12" x 48" LED OVERHEAD LIGHT, SURFACE MOUNTED, TYP. CONTROL W/ SWITCH / OCCUPANCY SENSOR.



6 E1 ELECTRICAL ONE-LINE DIAGRAM