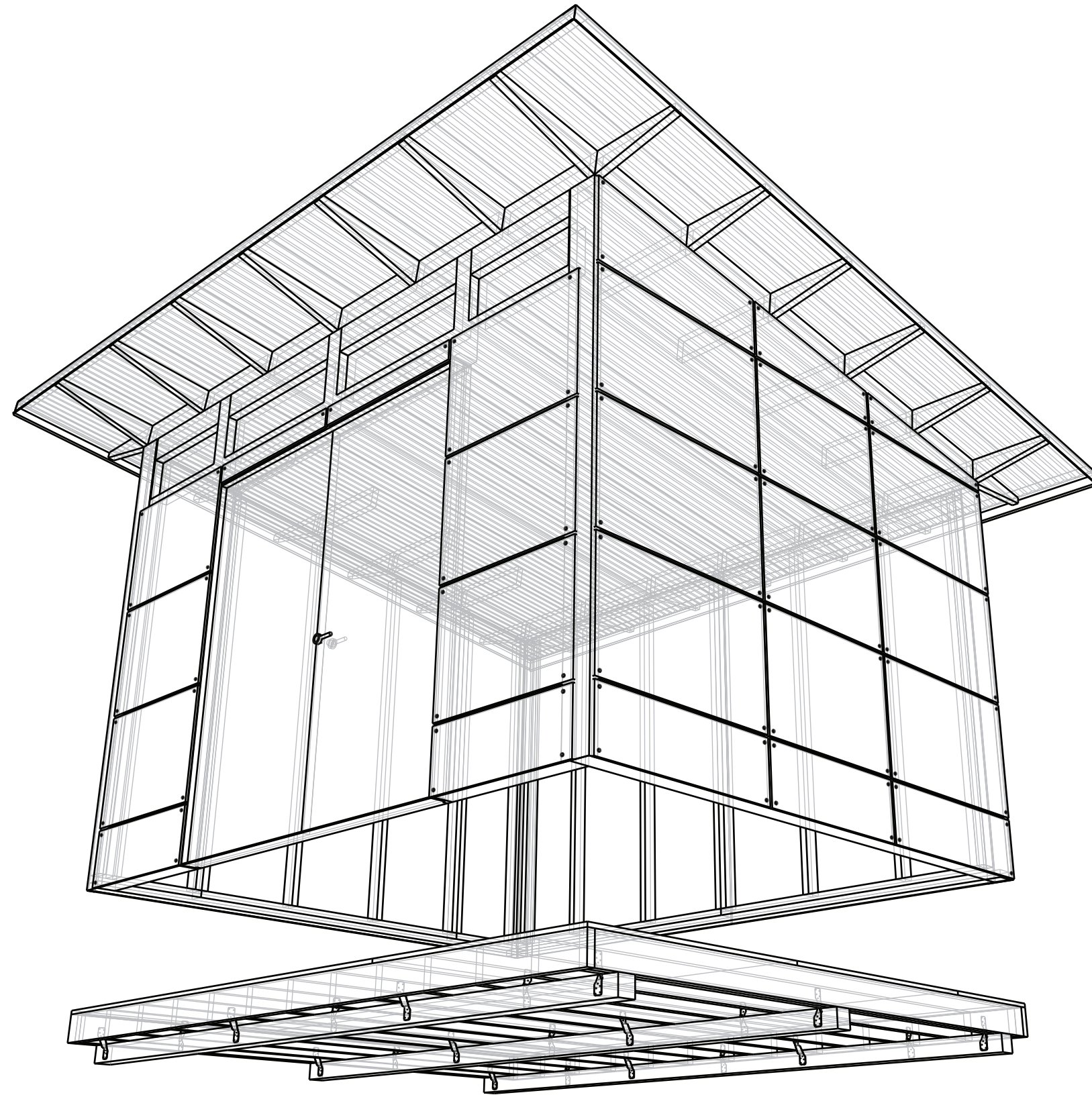


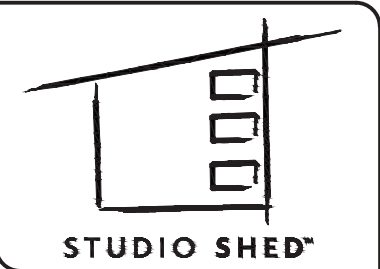
10x12 FOUNDATION GUIDE

10x12 TRICO AND FLORA SHEDS



10x12 WOOD SKID FLOOR

FLOOR SYSTEM FOR 10x12 TRICO AND FLORA SHEDS

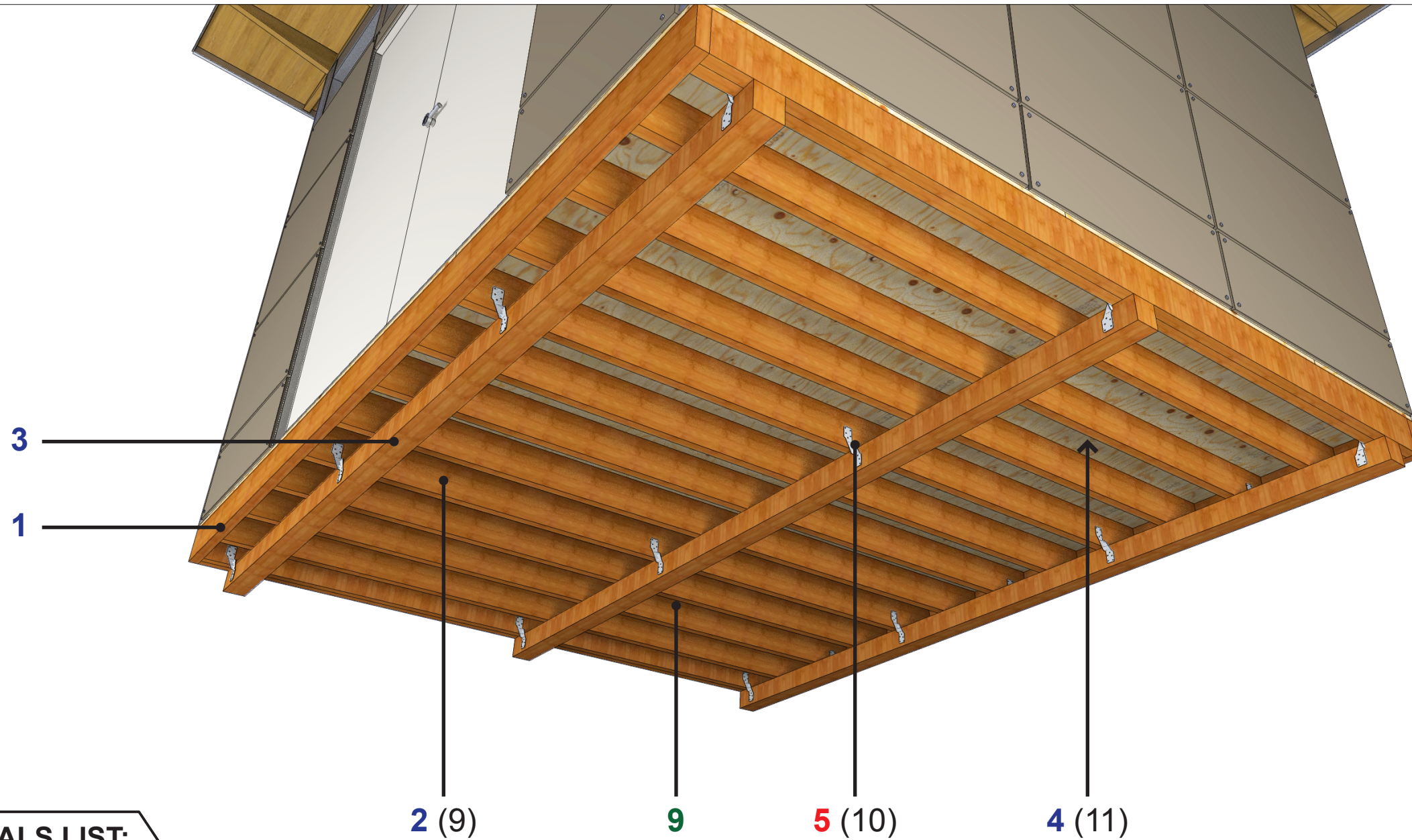


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10x12 WOOD SKID FLOOR

0.1



RAW MATERIALS LIST:

FLOOR FRAMING AND SHEATHING:

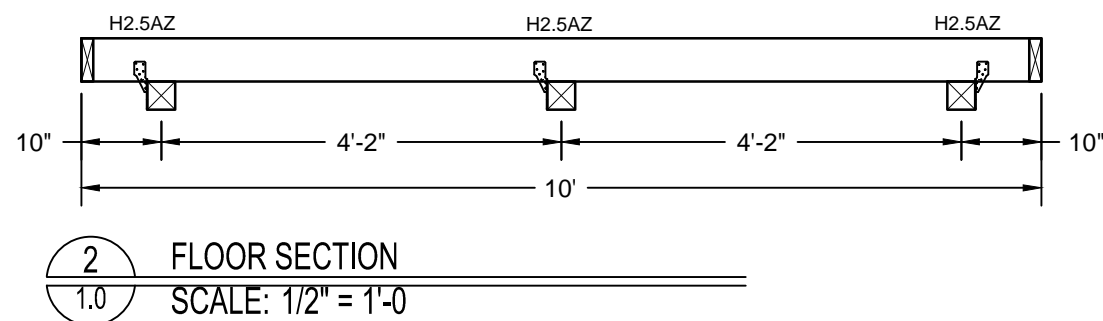
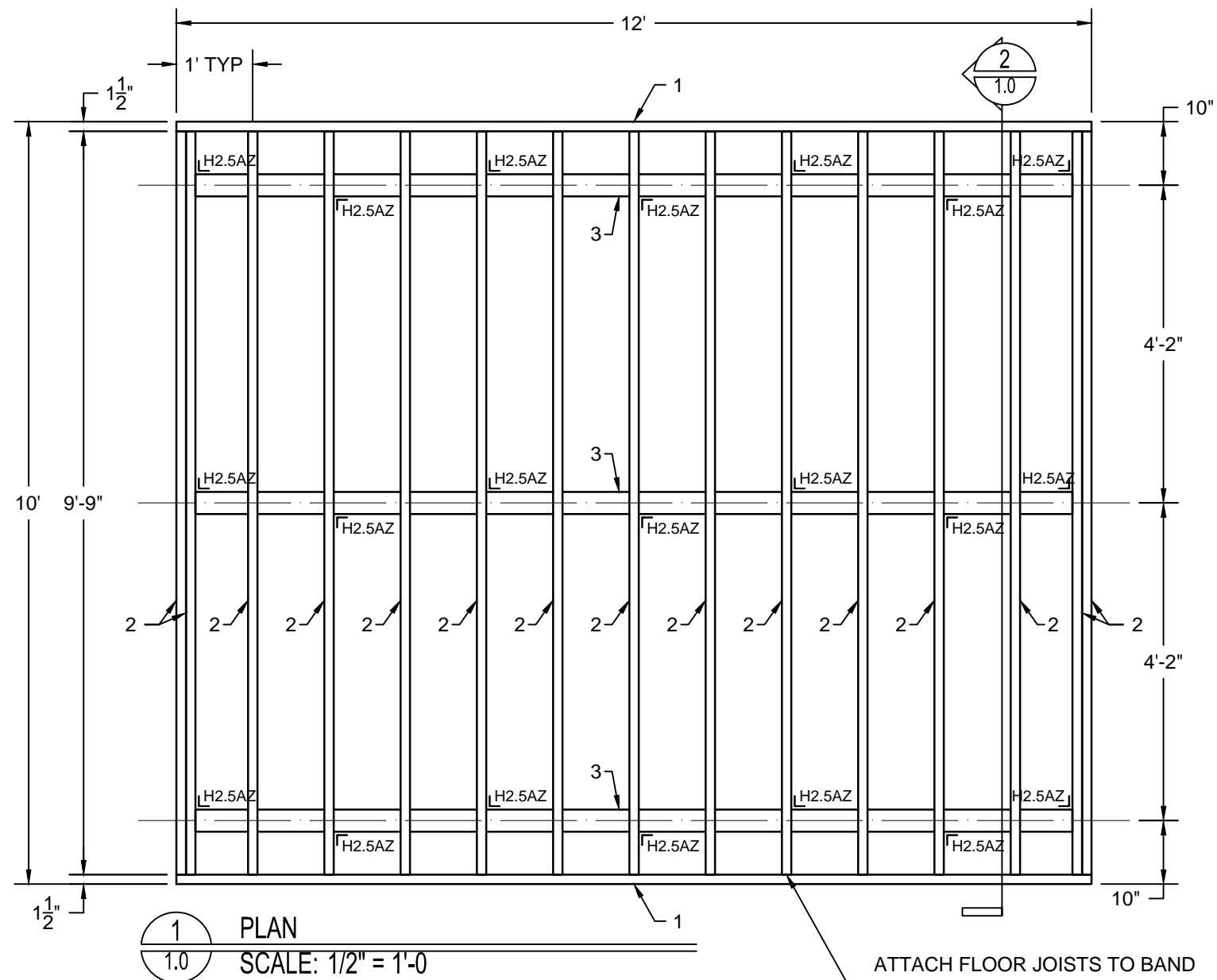
- 1) BAND BOARD
2" x 6" x 12' PRESSURE TREATED - QTY = 2
- 2) FLOOR JOIST
2" x 6" x 10' PRESSURE TREATED - QTY = 15
- 3) RUNNER
4" x 4" x 12' PRESSURE TREATED - QTY = 3
- 4) FLOOR SHEATHING
3/4" x 4' x 8' PRESSURE TREATED PLYWOOD - QTY = 5

SIMPSON STRONG-TIE CONNECTORS:

- 5) HURRICANE STRAP (CONNECTS RUNNERS TO FLOOR JOISTS)
H2.5AZ - QTY = 21

FASTENERS:

- (9) FLOOR JOIST TO BAND BOARD
#12 x 3" GALVANIZED WOOD SCREWS - QTY = 60
- (10) H2.5AZ STRAP TO RUNNERS AND FLOOR JOIST
8-d GALVANIZED NAILS (SMOOTH SHANK) - QTY = 210
- (11) FLOOR SHEATHING TO FLOOR JOIST
8-d GALVANIZED NAILS (RING SHANK) - QTY = ~400



MATERIAL LIST					
ITEM #	MATERIAL	SIZE	LENGTH	QTY	NOTES
1	P.T. FIR	2x6	12'-0"	2	
2	P.T. FIR	2x6	9'-9"	15	
3	P.T. FIR	4x4	12'-0"	3	

MATERIAL LIST			
ITEM #	SIZE	QTY	NOTES
H2.5AZ		21	SIMPSON HURRICANE TIE
NAILS	8-d	210	GALVANIZED
WOOD SCREWS	#12 x 3"	60	GALVANIZED

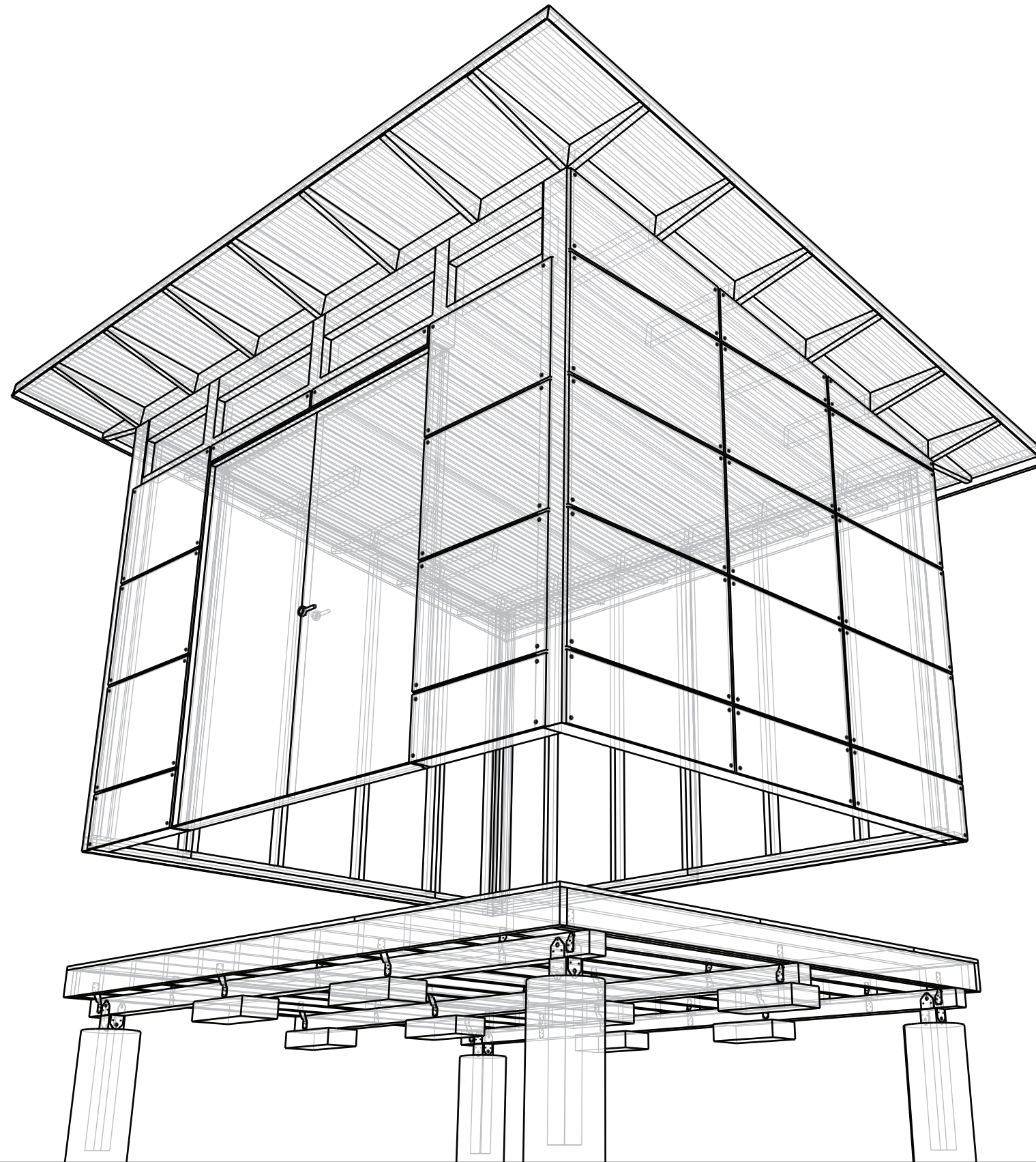
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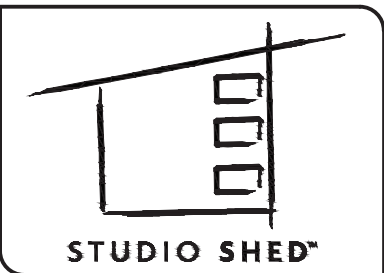
10x12 WOOD SKID FLOOR

1.0



10x12 WOOD FRAMED FLOOR ON PIERS

FOUNDATION FOR 10x12 TRICO AND FLORA SHEDS



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10x12 WOOD FLOOR ON PIERS

6 (11)

4

8

3

1

2 (10)

9

7 (12)

5 (13)

RAW MATERIALS LIST:

FLOOR FRAMING AND SHEATHING:

- 1) BAND BOARD
2" x 6" x 12' PRESSURE TREATED - QTY = 2
- 2) FLOOR JOIST
2" x 6" x 10' PRESSURE TREATED - QTY = 15
- 3) RUNNER
4" x 4" x 12' PRESSURE TREATED - QTY = 3
- 4) POST
4" x 4" x 8' PRESSURE TREATED (GROUND CONTACT) - QTY = 2
- 5) FLOOR SHEATHING
3/4" x 4' x 8' PRESSURE TREATED PLYWOOD - QTY = 5

SIMPSON STRONG-TIE CONNECTORS:

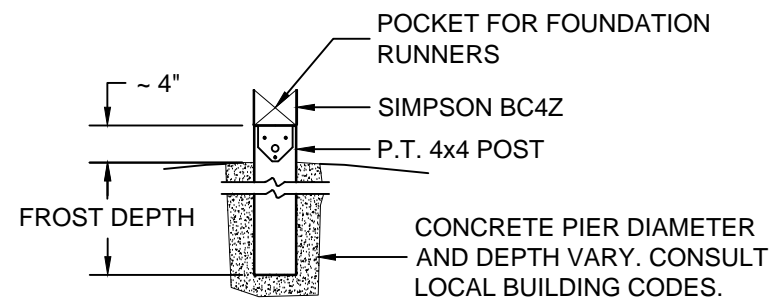
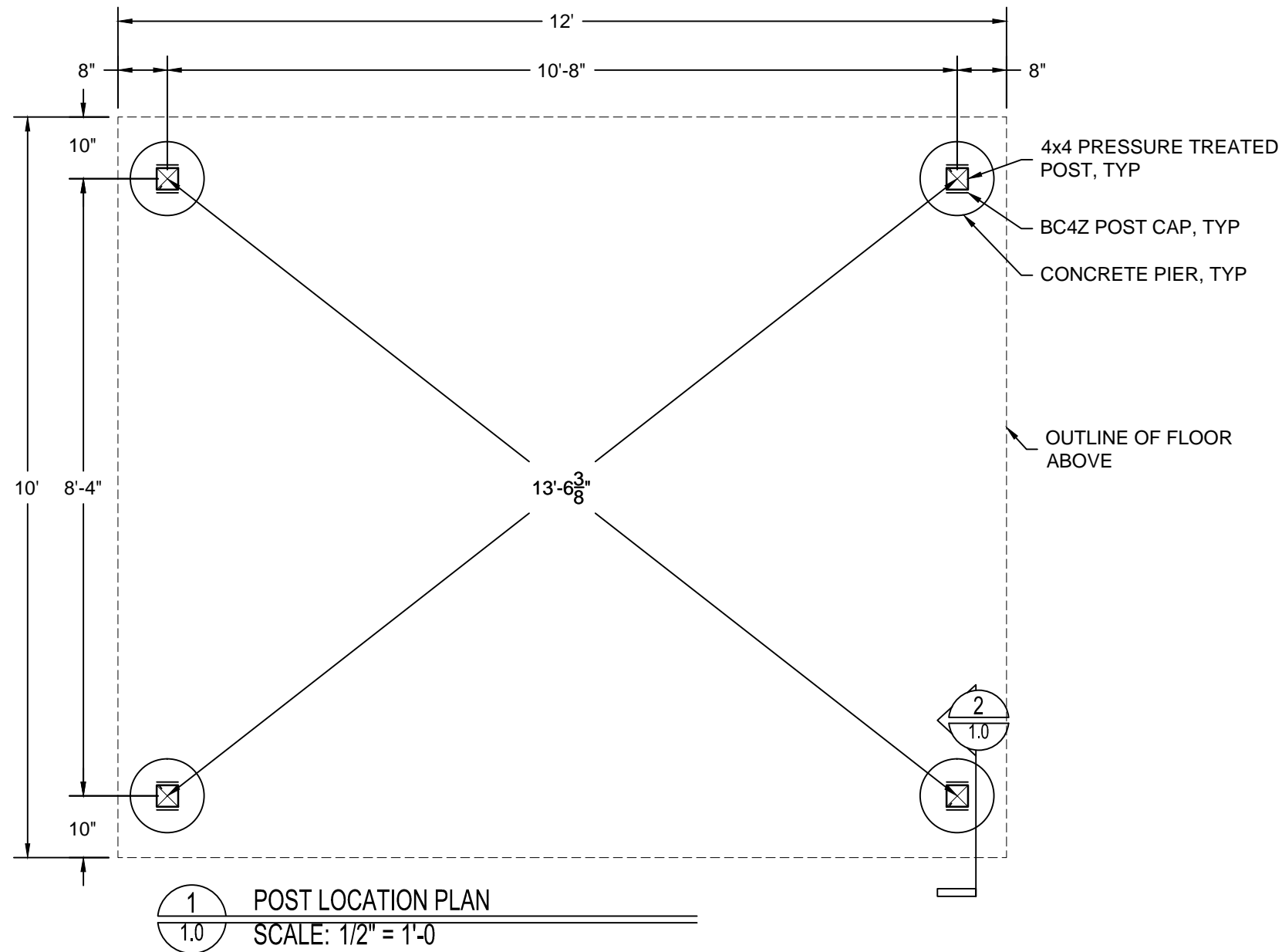
- 6) POST CAP (CONNECTS POSTS TO RUNNERS)
BC4Z - QTY = 4
- 7) HURRICANE STRAP (CONNECTS RUNNERS TO FLOOR JOISTS)
H2.5AZ - QTY = 21

CONCRETE AND LEVELING BLOCKS:

- 8) CONCRETE
QUANTITY VARIES BY HOLE SIZE (CONSULT LOCAL BUILDING CODES)
- 9) LEVELING BLOCKS
4" x 8" x 16" AND 2" x 8" x 16" SOLID CONCRETE BLOCKS
QUANTITY VARIES BY BUILDING SITE

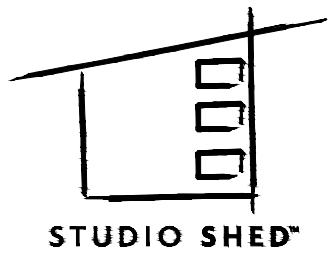
FASTENERS:

- (10) FLOOR JOIST TO BAND BOARD
#12 x 3" GALVANIZED WOOD SCREWS - QTY = 60
- (11) BC4Z POST CAP TO POST AND RUNNER
16-d GALVANIZED NAILS - QTY = 48
- (12) H2.5AZ STRAP TO RUNNERS AND FLOOR JOIST
8-d GALVANIZED NAILS (SMOOTH SHANK) - QTY = 210
- (13) FLOOR SHEATHING TO FLOOR JOIST
8-d GALVANIZED NAILS (RING SHANK) - QTY = ~400



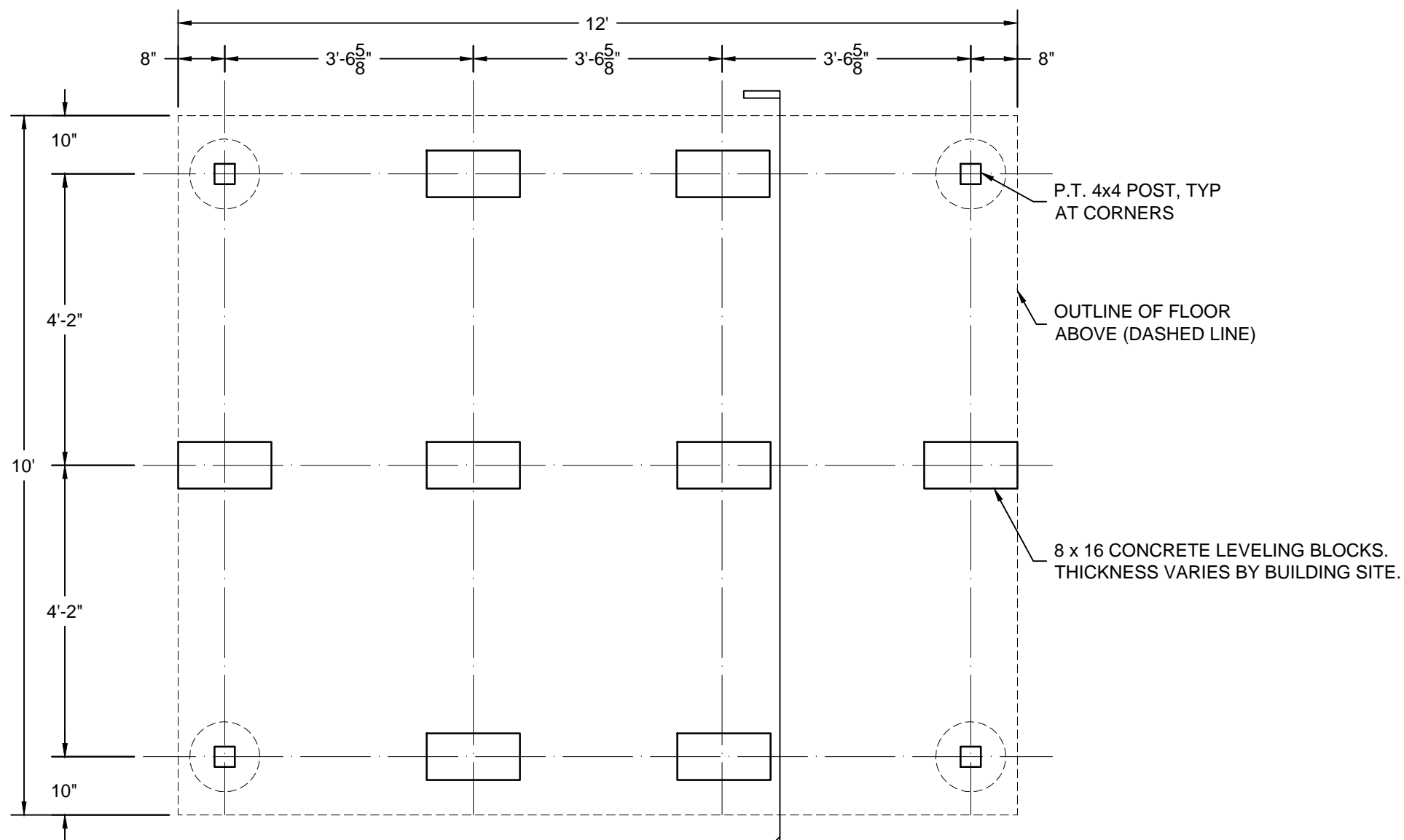
MATERIAL LIST					
ITEM #	MATERIAL	SIZE	LENGTH	QTY	NOTES
1	P.T. FIR	4x4	4'-0"	4	CUT TO LENGTH IN FIELD

MATERIAL LIST			
ITEM #	SIZE	QTY	NOTES
BC4Z		4	SIMPSON POST CAP
BC4Z NAILS	16-d	48	GALVANIZED



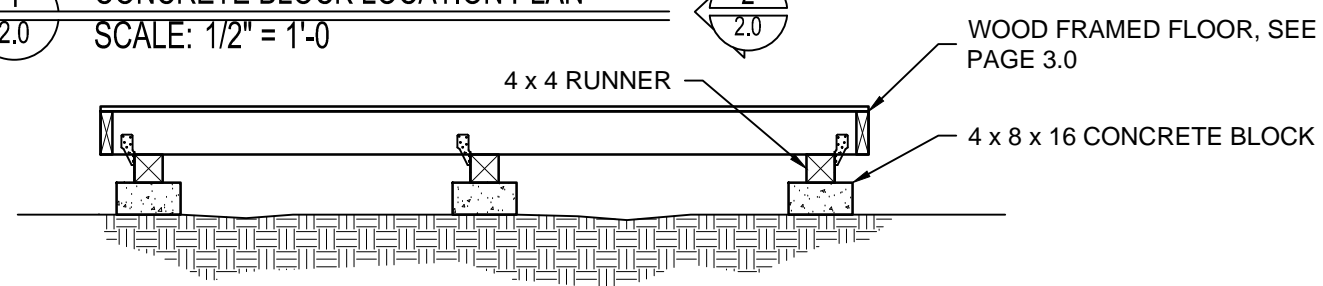
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10x12 WOOD FLOOR ON PIERS



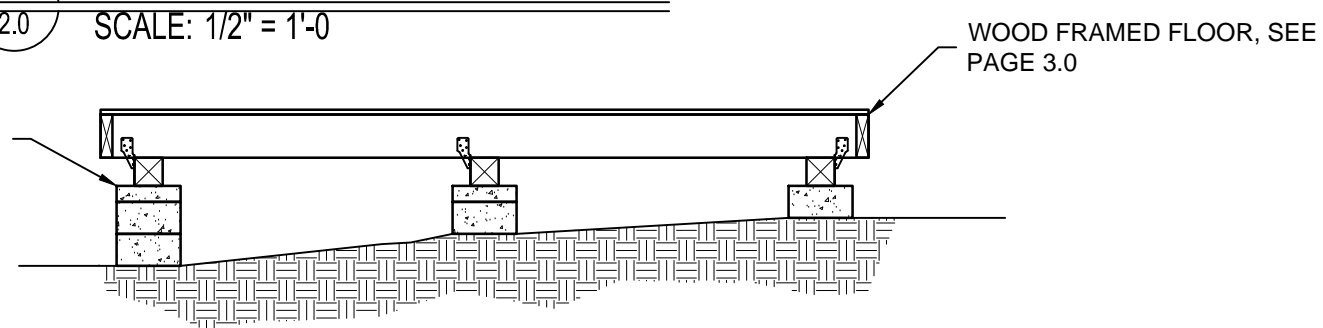
1 CONCRETE BLOCK LOCATION PLAN
2.0 SCALE: 1/2" = 1'-0

2
2.0

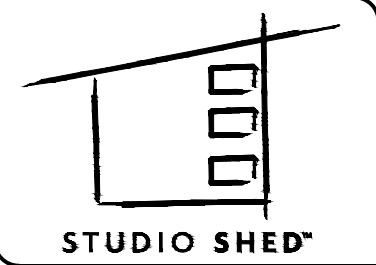


2a SECTION - LEVEL SITE
2.0 SCALE: 1/2" = 1'-0

2" AND 4" THICK CONCRETE BLOCKS STACKED TO LEVEL THE FLOOR. PLACE THICKER BLOCKS AT THE BOTTOM. USE CONSTRUCTION ADHESIVE BETWEEN THE BLOCKS

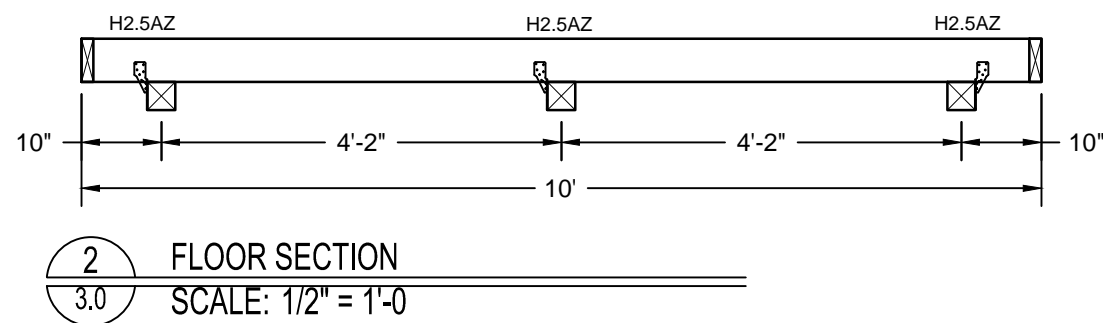
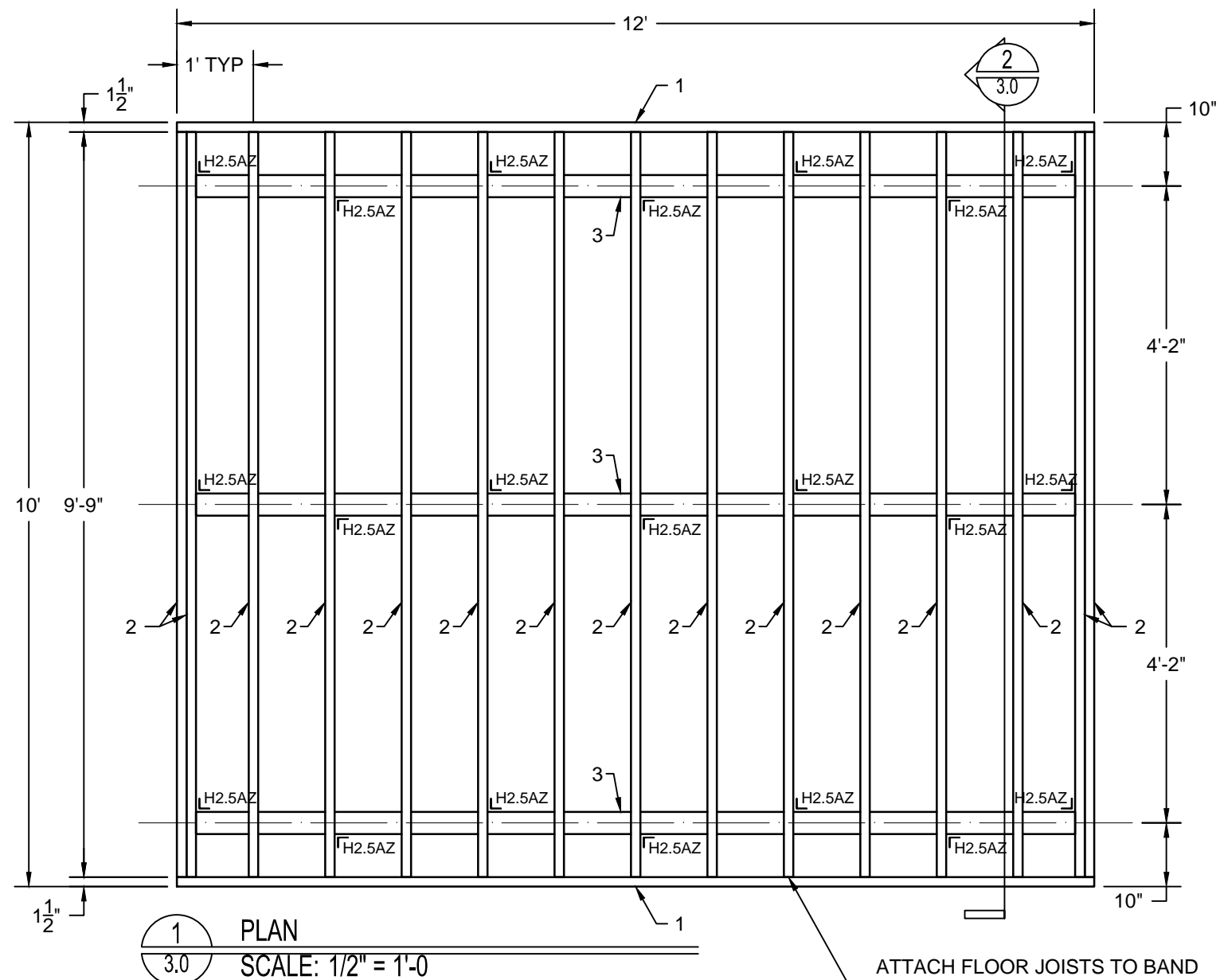


2b SECTION - SLOPING SITE
2.0 SCALE: 1/2" = 1'-0



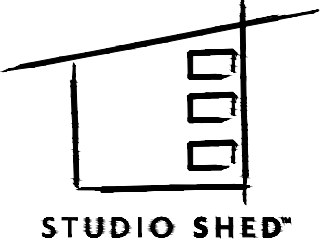
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10x12 WOOD FLOOR ON PIERS



MATERIAL LIST					
ITEM #	MATERIAL	SIZE	LENGTH	QTY	NOTES
1	P.T. FIR	2x6	12'-0"	2	
2	P.T. FIR	2x6	9'-9"	15	
3	P.T. FIR	4x4	12'-0"	3	

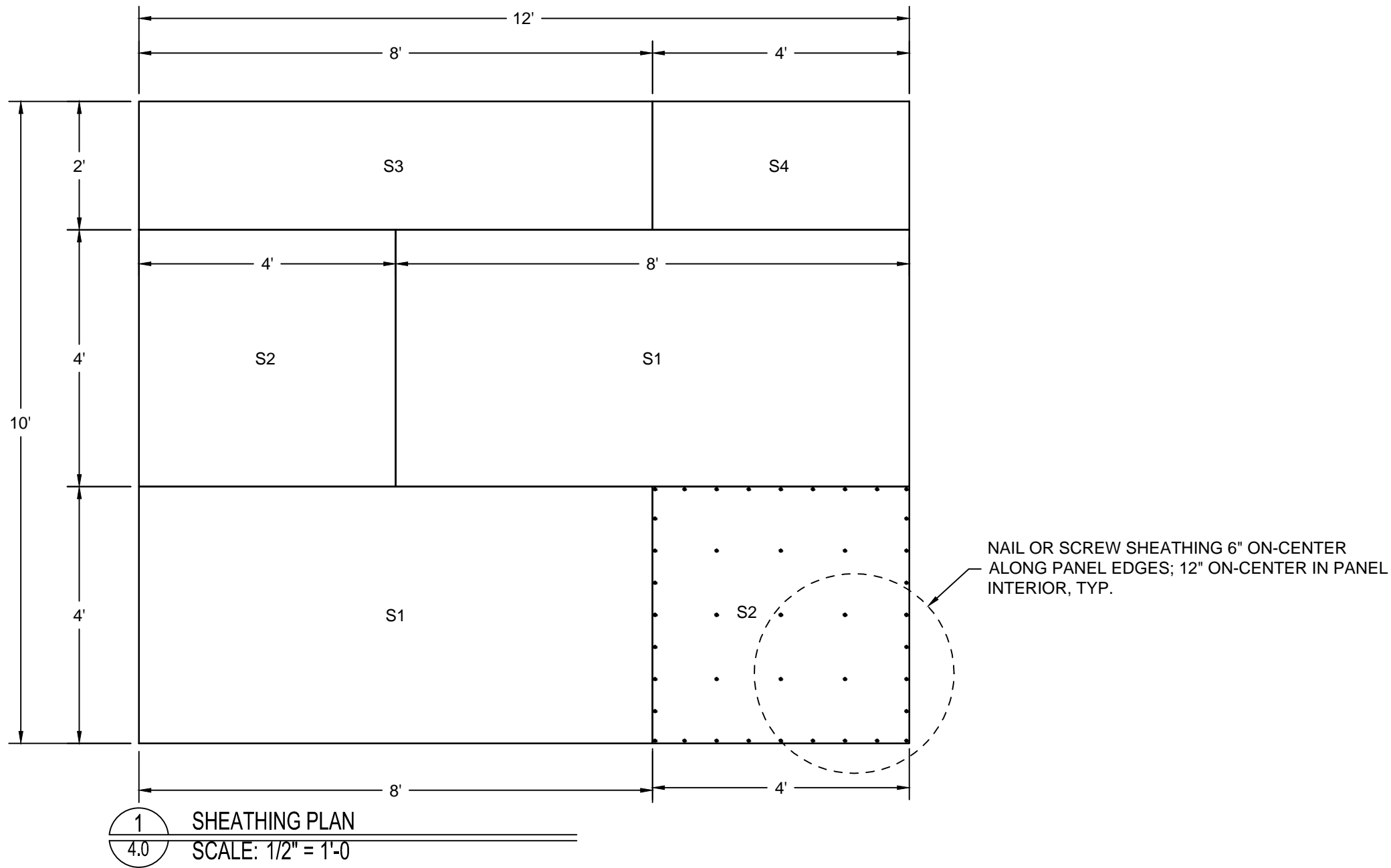
MATERIAL LIST			
ITEM #	SIZE	QTY	NOTES
H2.5AZ		21	SIMPSON HURRICANE TIE
NAILS	8-d	210	GALVANIZED
WOOD SCREWS	#12 x 3"	60	GALVANIZED



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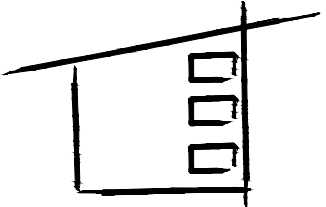
10x12 WOOD FLOOR ON PIERS

3.0



MATERIAL LIST					
ITEM #	MATERIAL	SIZE	LENGTH	QTY	NOTES
S1	P.T. PLYWOOD	3/4"	4' x 8'	2	
S2	P.T. PLYWOOD	3/4"	4' x 4'	2	
S3	P.T. PLYWOOD	3/4"	2' x 8'	1	
S4	P.T. PLYWOOD	3/4"	2' x 4'	1	

MATERIAL LIST					
ITEM #	MATERIAL	SIZE	LENGTH	QTY	NOTES



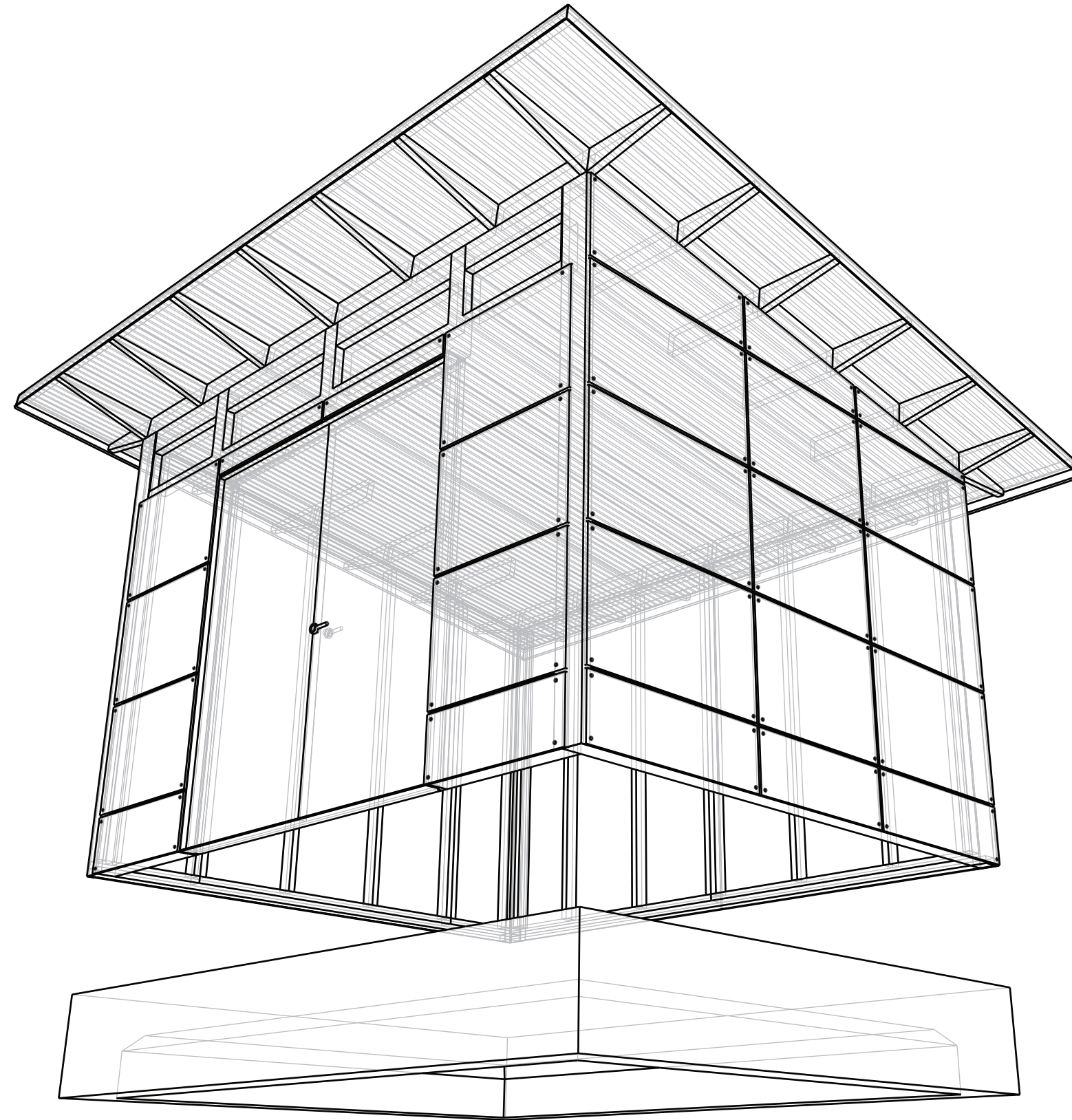
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10x12 WOOD FLOOR ON PIERS

4.0



10x12 CONCRETE SLAB

CONCRETE FOUNDATION FOR 10x12 TRICO AND FLORA SHEDS

CONCRETE SLAB GENERAL NOTES:

FOUNDATIONS ARE DESIGNED WITHOUT AN ENGINEER'S SOIL INVESTIGATION. THE DESIGN CRITERIA IS ASSUMED FOR PURPOSES OF FOUNDATION DESIGN.

FOOTINGS:

DESIGN OF FOOTINGS IS BASED ON MAXIMUM ALLOWABLE BEARING PRESSURE 1500 PSF
BEAR ON THE NATURAL UNDISTURBED SOIL OR COMPACTED STRUCTURAL FILL.

REINFORCED CONCRETE:

DESIGN IS BASED ON ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" AND ACI 332 "REQUIREMENTS FOR RESIDENTIAL CONCRETE CONSTRUCTION." CONCRETE WORK SHALL CONFORM TO ACI 301 "STANDARD SPECIFICATIONS FOR STRUCTURAL CONCRETE."

STRUCTURAL CONCRETE SHALL HAVE THE FOLLOWING PROPERTIES:

	F'C, PSI	MAX W/C	MAXIMUM AGGREGATE	SLUMP, INCHES	ENTRAINED AIR, PERCENT	CEMENT TYPE	ADMIXTURES, COMMENTS
INTENDED USE	28 DAY	RATIO		(+/- 1")	(+/- 1.5%)		
SLAB ON GRADE	4,000	0.45	3/4" STONE	4	3	I/I	

DETAILING, FABRICATION, AND PLACEMENT OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ACI 315-5

"DETAILS AND DETAILING OF CONCRETE REINFORCEMENT."

REINFORCING BARS SHALL CONFORM TO ASTM A615-04A, GRADE 60, EXCEPT TIES OR BARS SHOWN TO BE FIELD-BENT, WHICH SHALL BE GRADE 40.

BARS TO BE WELDED SHALL CONFORM TO ASTM 706-04A.

EXCEPT AS NOTED ON THE DRAWINGS, CONCRETE PROTECTION FOR REINFORCEMENT IN CAST-IN-PLACE CONCRETE SHALL BE AS FOLLOWS:

CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3"

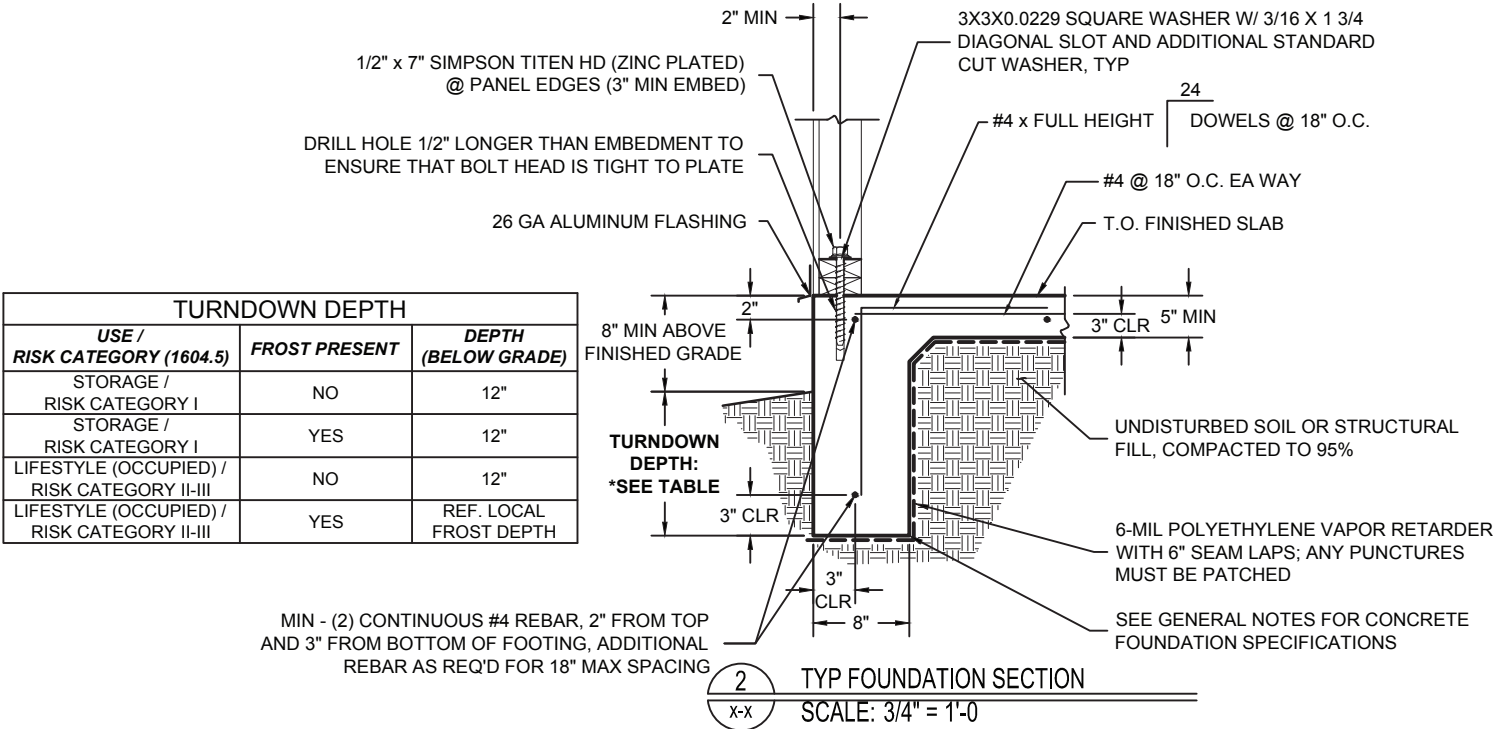
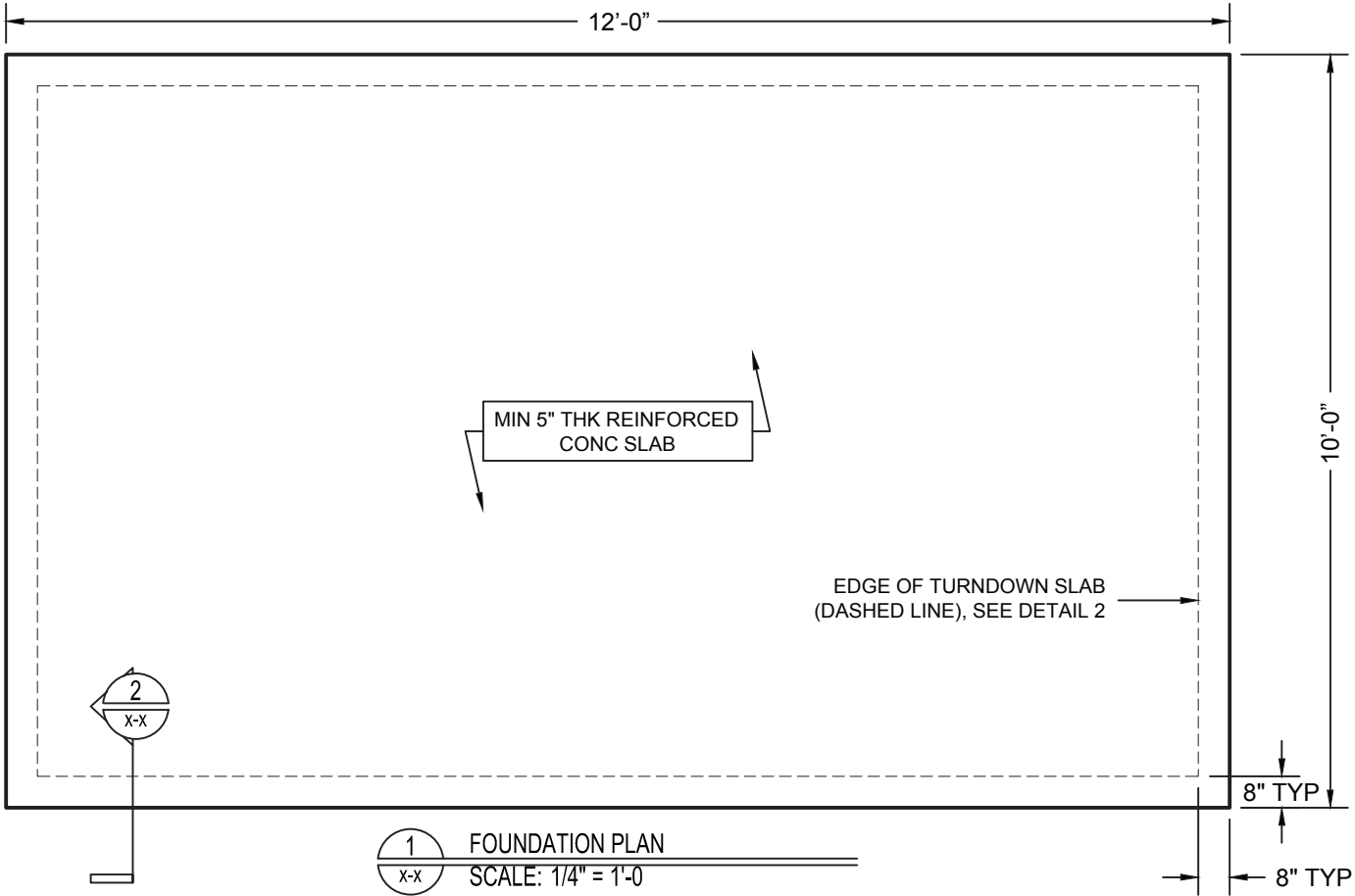
EXPOSED TO EARTH OR WEATHER:

#6 THROUGH #18 BARS: 2"

#5 BAR, W31 OR D31 WIRE, AND SMALLER: 1-1/2"

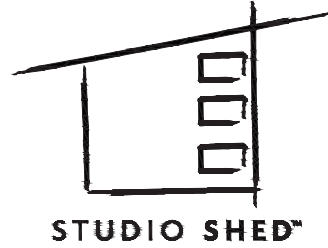
NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:

SLABS, WALLS, JOISTS: #11 BARS AND SMALLER: 3/4"



FOUNDATION NOTES:

- HOLD-DOWN CONNECTER BOLTS INTO WOOD FRAMING REQUIRE APPROVED PLATE WASHERS; AND HOLD-DOWNS SHALL BE FINGER TIGHT AND 1/2 WRENCH TURN JUST PRIOR TO COVERING THE WALL FRAMING. CONNECTOR BOLTS INTO WOOD FRAMING REQUIRE STEEL PLATE WASHERS ON THE POST ON THE OPPOSITE SIDE OF THE ANCHORAGE DEVICE. PLATE SIZE SHALL BE A MINIMUM OF 0.299 INCH BY 3 INCHES BY 3 INCHES. (2305.5)
- HOLD-DOWN HARDWARE MUST BE SECURED IN PLACE PRIOR TO FOUNDATION INSPECTION.
- ALL BOLT HOLES SHALL BE DRILLED 1/32" TO 1/16" OVERSIZED. (11.1.2.2, 2012 NDS)



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10x12 CONCRETE SLAB

1.0