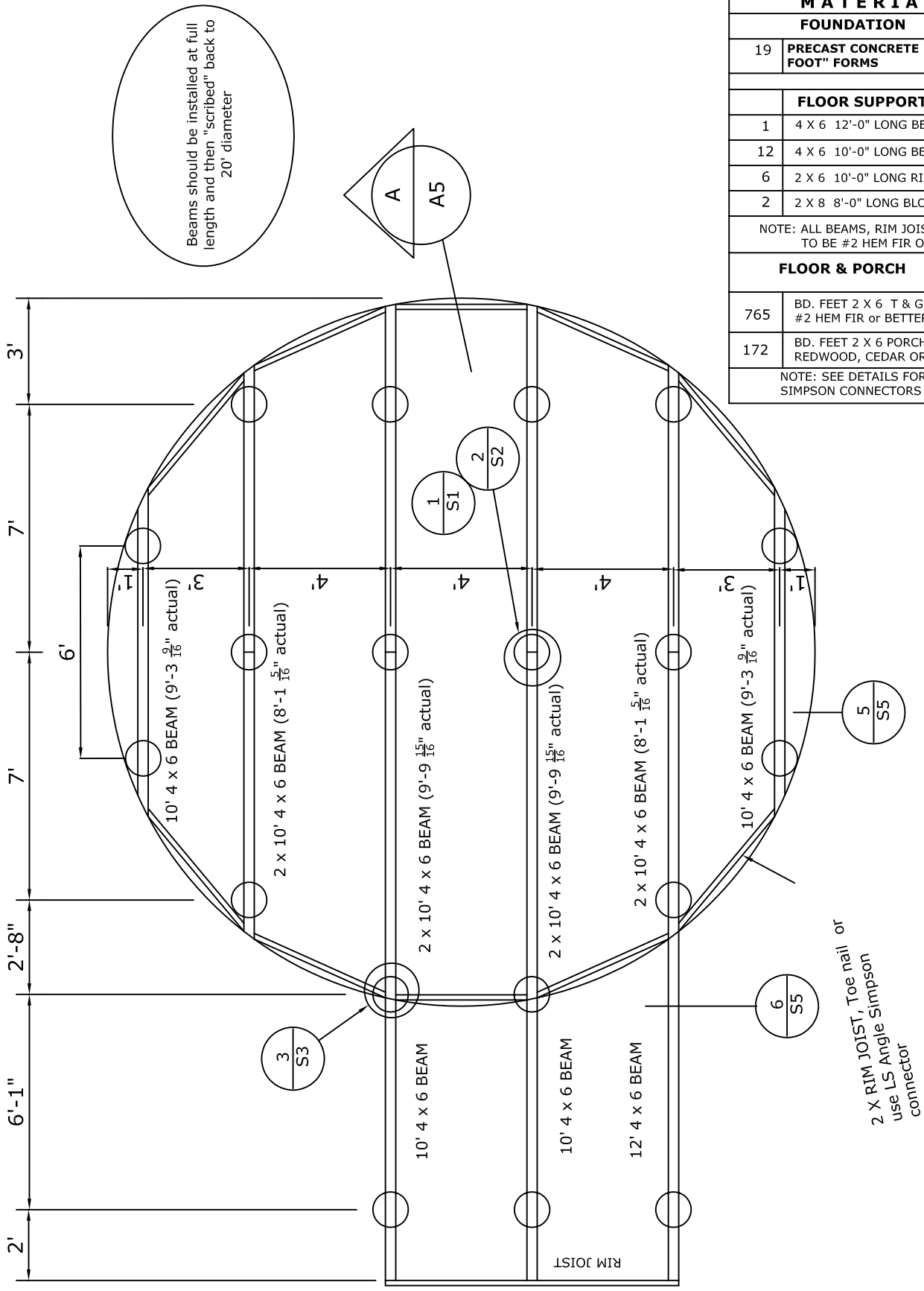
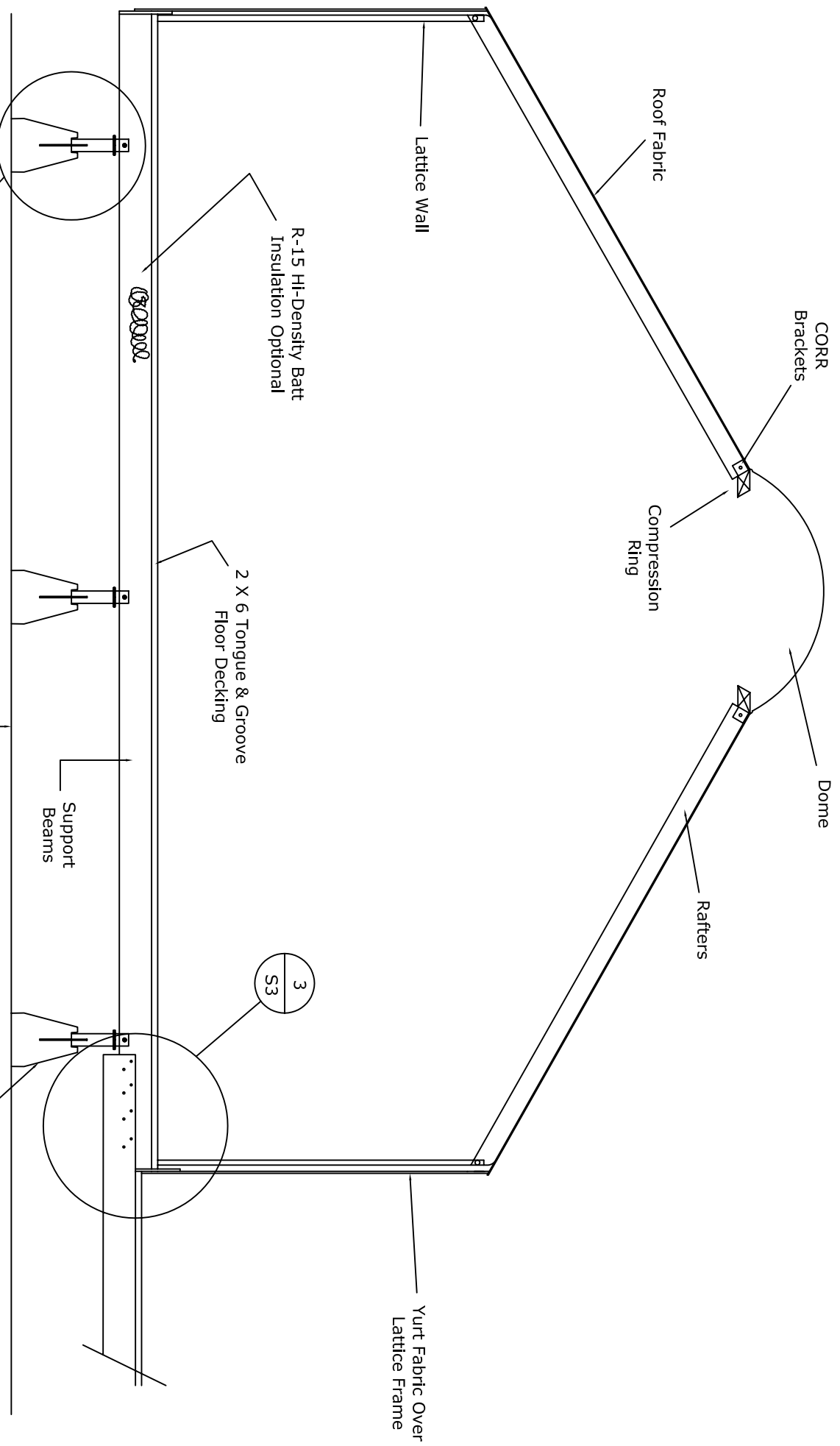




MATERIAL LIST	
FOUNDATION	
19	PRECAST CONCRETE FOOTERS or "BIG FOOT" FORMS
FLOOR SUPPORT	
1	4 X 6 12'-0" LONG BEAMS (PORCH)
12	4 X 6 10'-0" LONG BEAMS
6	2 X 6 10'-0" LONG RIM JOISTS
2	2 X 8 8'-0" LONG BLOCKING (OPTIONAL)
NOTE: ALL BEAMS, RIM JOISTS AND BLOCKING TO BE #2 HEM FIR OR BETTER	
FLOOR & PORCH	
765	BD. FEET 2 X 6 T & G FLOORING #2 HEM FIR or BETTER
172	BD. FEET 2 X 6 PORCH MATERIAL REDWOOD, CEDAR OR EQUAL
NOTE: SEE DETAILS FOR VARIOUS SIMPSON CONNECTORS NEEDED.	

20' DIA SIMPLE YURT DESIGN		
FOUNDATION, BEAM & FLOOR LAYOUT NOTE: SEE DETAILS SHEET S1-S5 FOR MORE INFO AND OPTIONAL CONSTRUCTION TECHNIQUES	SY 20	A4 or 5



1
S1

or

2
S2

3
S3

DET. 'A'

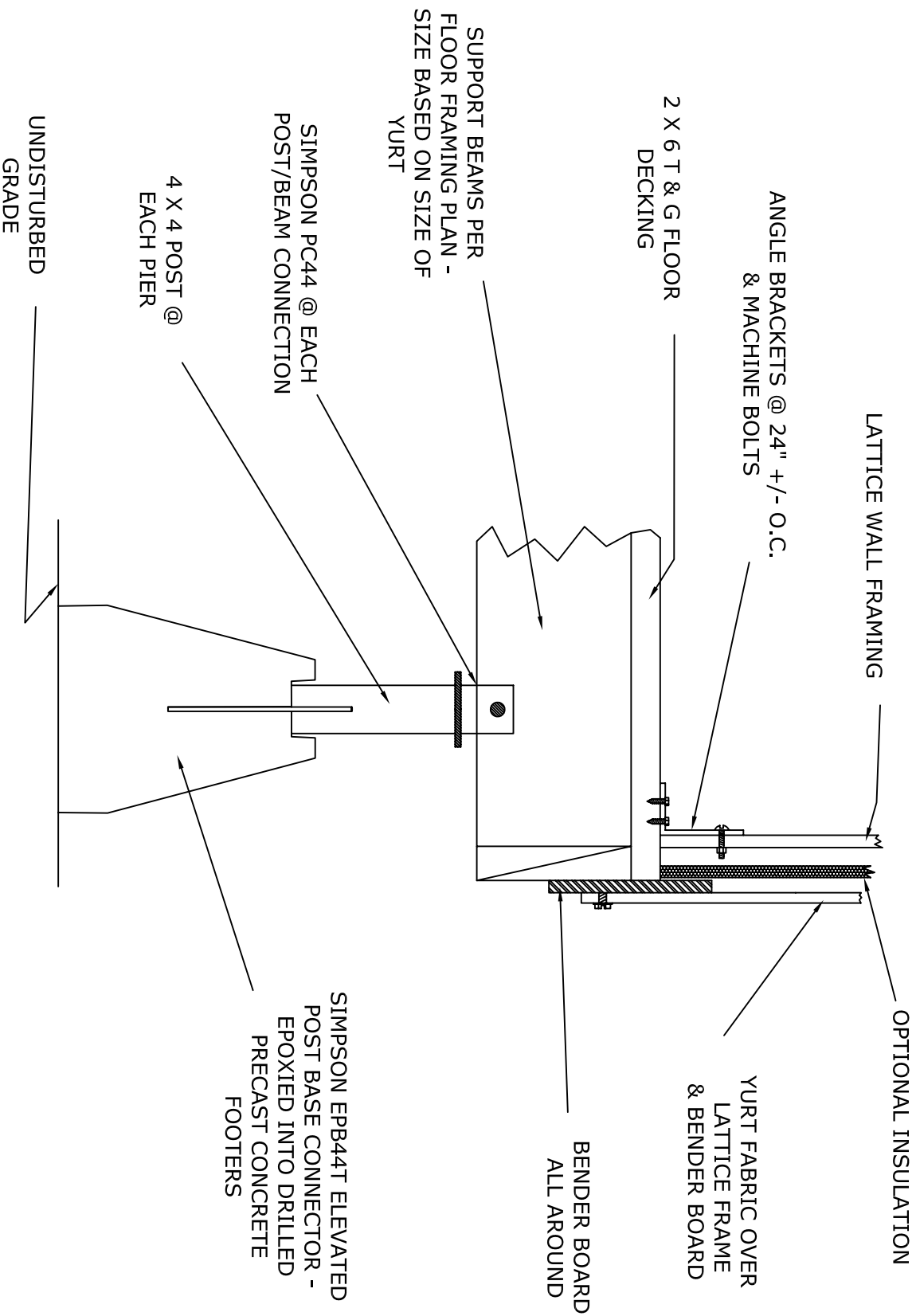
SIMPLE YURT SECTION

A5 of 5

1

SECTION

CONSULT YOUR CONSTRUCTION MANUAL FOR
INSTALLATION OF WALLS, ROOF, FABRIC, LACING,
DOME, & PROPER HEIGHTS OF ALL. THIS IS A 24 FT
SIMPLE YURT DECK, ALL OTHER SIZES ARE SIMILAR,
USE SPECIFIC PLANS FOR FOOTER LOCATIONS, ETC



FDN DETAIL

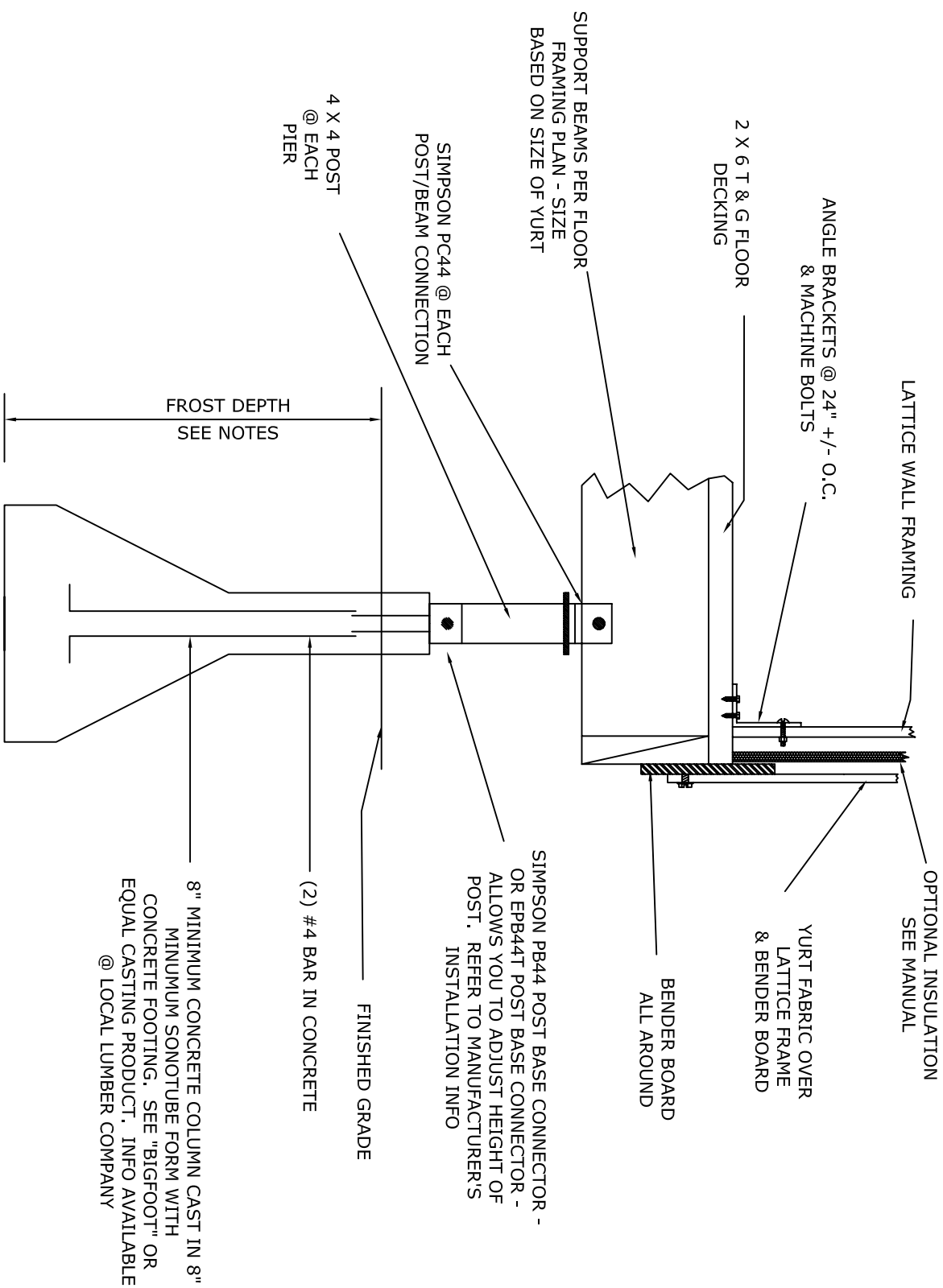
1

DET. #1

SIMPLE YURT FOUNDATION

S1 of 5

THIS DETAIL IS FOR A "SIMPLE" YURT DECK THIS DEPICTS A FOUNDATION STRUCTURE THAT CAN BE DISASSEMBLED AND REASSEMBLED. BLOCKING & POST CONNECTIONS BETWEEN BEAMS WILL CREATE A STRONGER MORE RIGID FLOOR SYSTEM.



FDN DETAIL

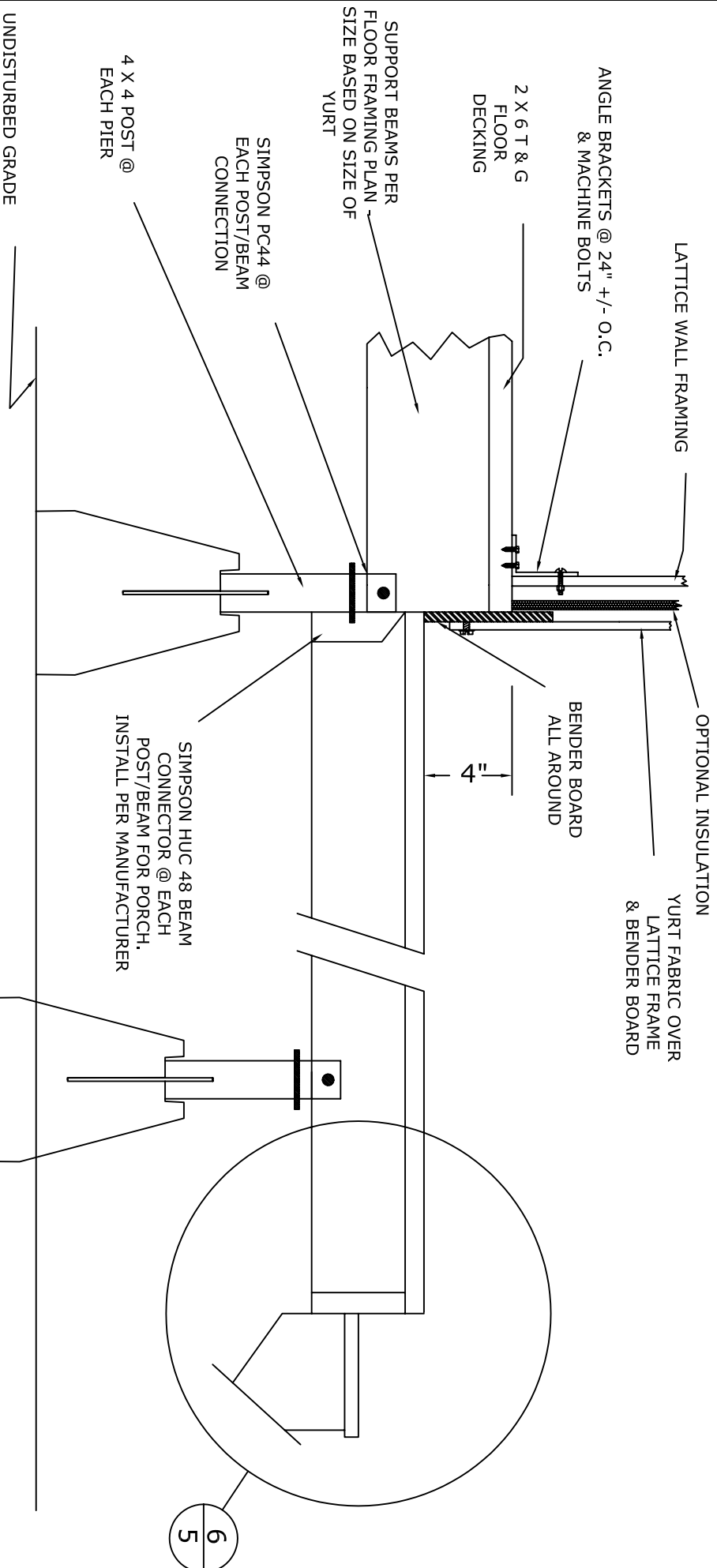
2

DET. #2

SIMPLE YURT
FOUNDATION

S2 of 5

NOTES: VERIFY WITH YOUR LOCAL BUILDING DEPT. FOR EXACT FROST DEPTH. THIS DETAIL DEPICTS A PERMANENT FOUNDATION, IT WILL CREATE A MORE SOLID SUBSTRUCTURE, PROTECTING AGAINST GROUND MOVEMENT, DUE TO FREEZE/THAW SITUATIONS. BLOCKING @ POST CONNECTIONS BETWEEN BEAMS WILL CREATE A MORE RIGID FLOOR SYSTEM.



3

PORCH DETAIL

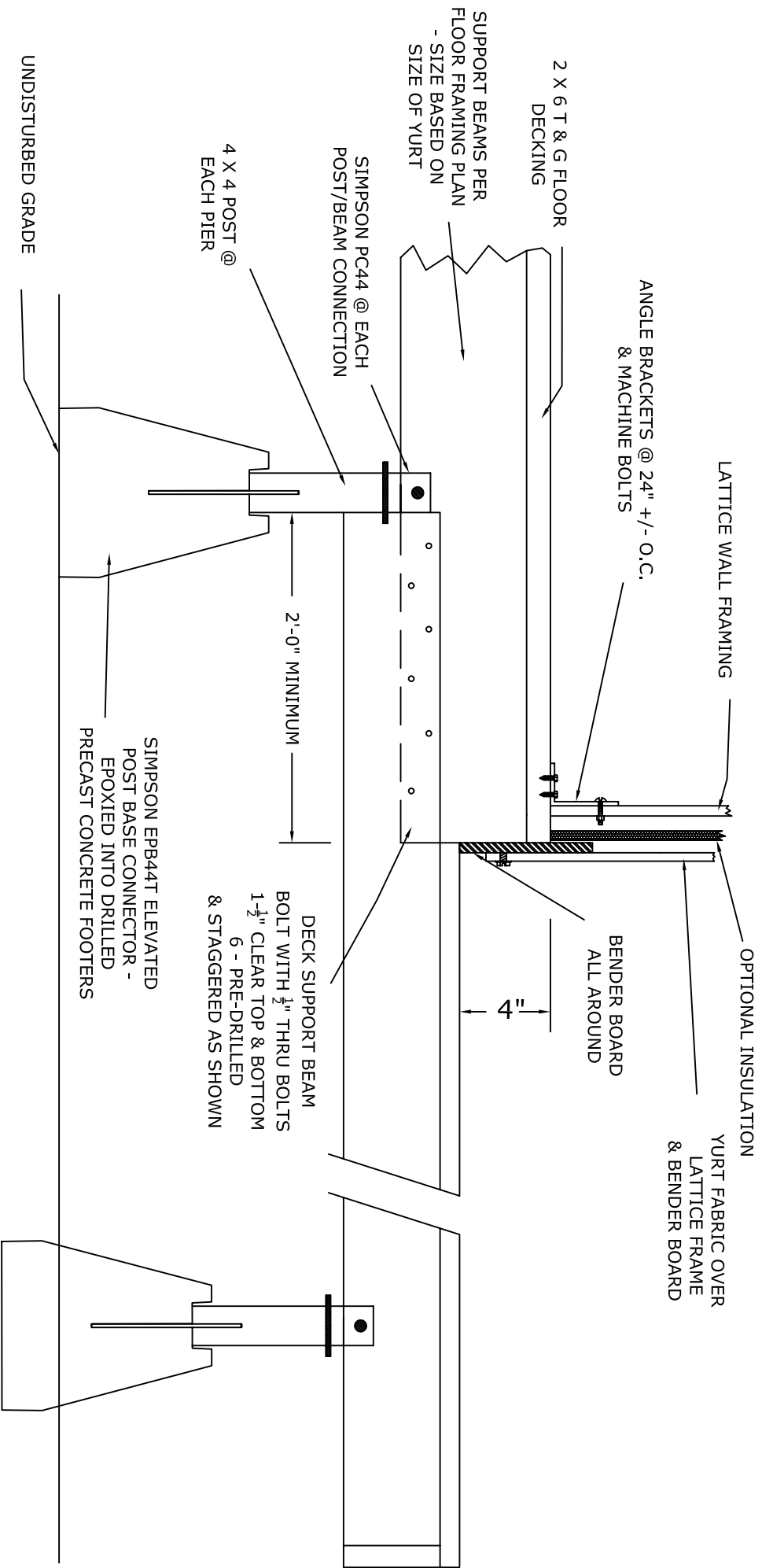
NOTE: THIS DETAIL CANNOT BE USED WITH CANTILEVERED BEAM LAYOUTS.
INSTALL ALL SIMPSON CONNECTORS PER MANUFACTURER INSTRUCTIONS.

SIMPSON EPB44T ELEVATED POST BASE CONNECTOR - EPOXIED INTO DRILLED PRECAST CONCRETE FOOTERS

DET. #3

SIMPLE YURT FOUNDATION

S3 of 5



DET.#4

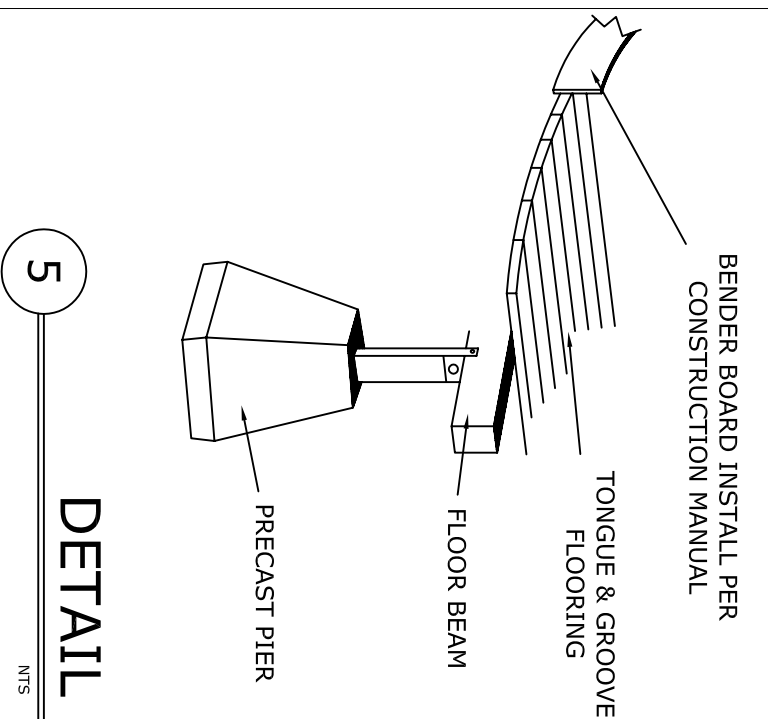
SIMPLE YURT
FOUNDATION

S4 of 5

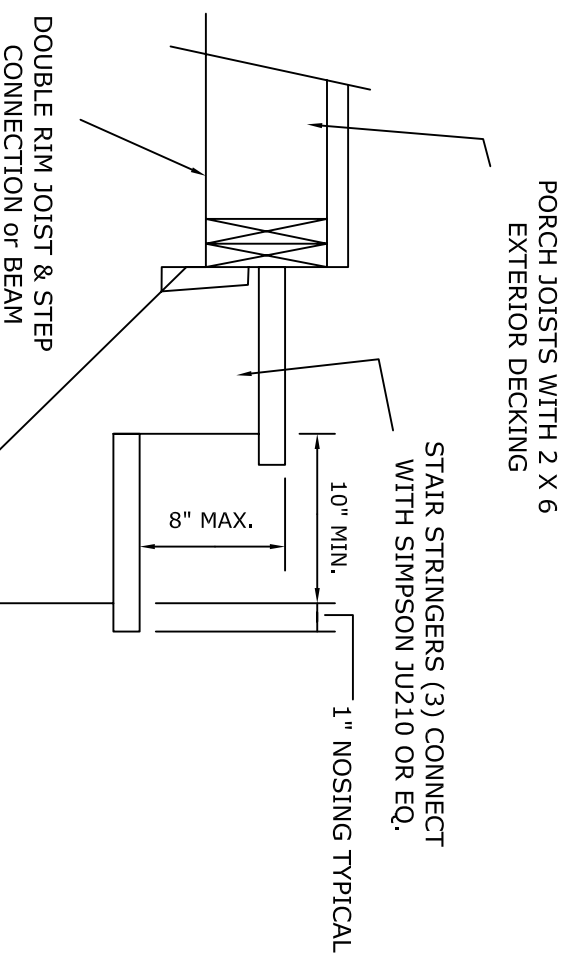
4

PORCH DETAIL

NOTE: THIS DETAIL CANNOT BE USED WITH ANY
BEAMS SMALLER THAN A 4 X 8



DETAIL



STAIR DETAIL

NTS

Note: The bender board is used to surround and retain the lattice of the yurt. It should attach to the perimeter of the raised "footprint" portion of the deck so that it clears the surface the lattice wall attaches to by 2-3" (do not exceed 3- $\frac{1}{2}$ "). Leave a 48" gap in your bender board for each door in your yurt. (54" gap for French doors).

The bender board can be attached *outside* of the finished size of the footprint. For example, a 20' yurt footprint equals 20' diameter *plus* the thickness of the bender board.

Choose an appropriate material for your bender board: $\frac{1}{2}$ " CDX plywood, or two layers or $\frac{3}{8}$ " mahogany plywood. In damp areas use pressure treated plywood, redwood, Trex 1x fascia (or comparable) or equal.

DET. # 5
& 6
SIMPLE YURT FOUNDATION
S5 of 5