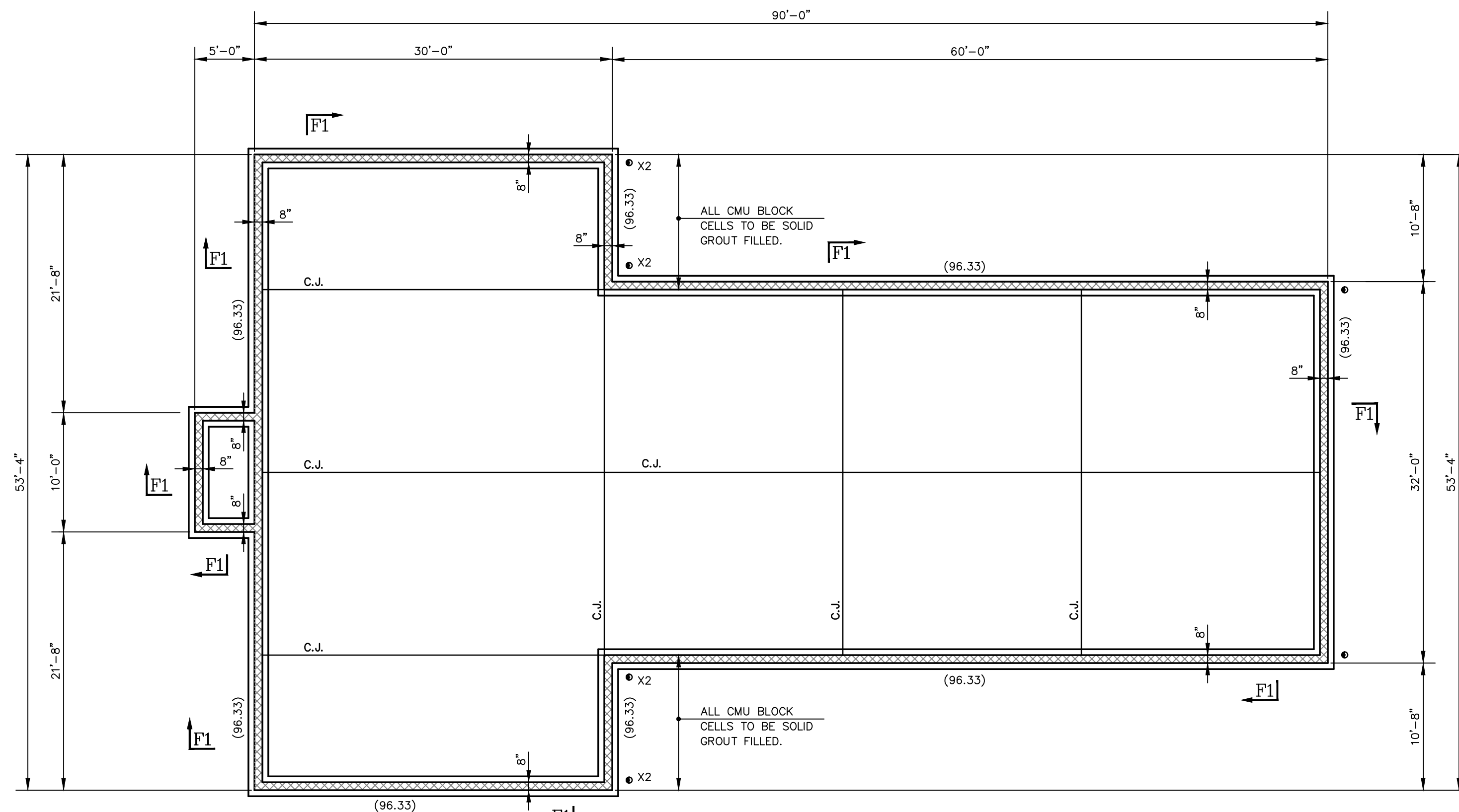


ROOF FRAMING PLAN
1/8" = 1'-0"

EXTERIOR SHEATHING SPECIFICATIONS:

SYMBOL	SHEAR PANEL SPEC.	FASTENER	SPACING	EDGE CONDITION
	7/16" PLYWOOD OR OSB	8d COMMON NAILS	6" O.C. @ EDGES & 12" O.C. IN FIELD	BLOCKED
	7/16" PLYWOOD OR OSB	8d COMMON NAILS	4" O.C. @ EDGES & 12" O.C. IN FIELD	BLOCKED

***NOTES FOR HEADERS:**
2-2X IS MINIMUM REQUIREMENT FOR HEADER FLYWOOD FILLERS OR ADDTL 2X TO ATTACH TO THE HEADER TO MATCH THE WALL THICKNESS IS ACCEPTABLE.

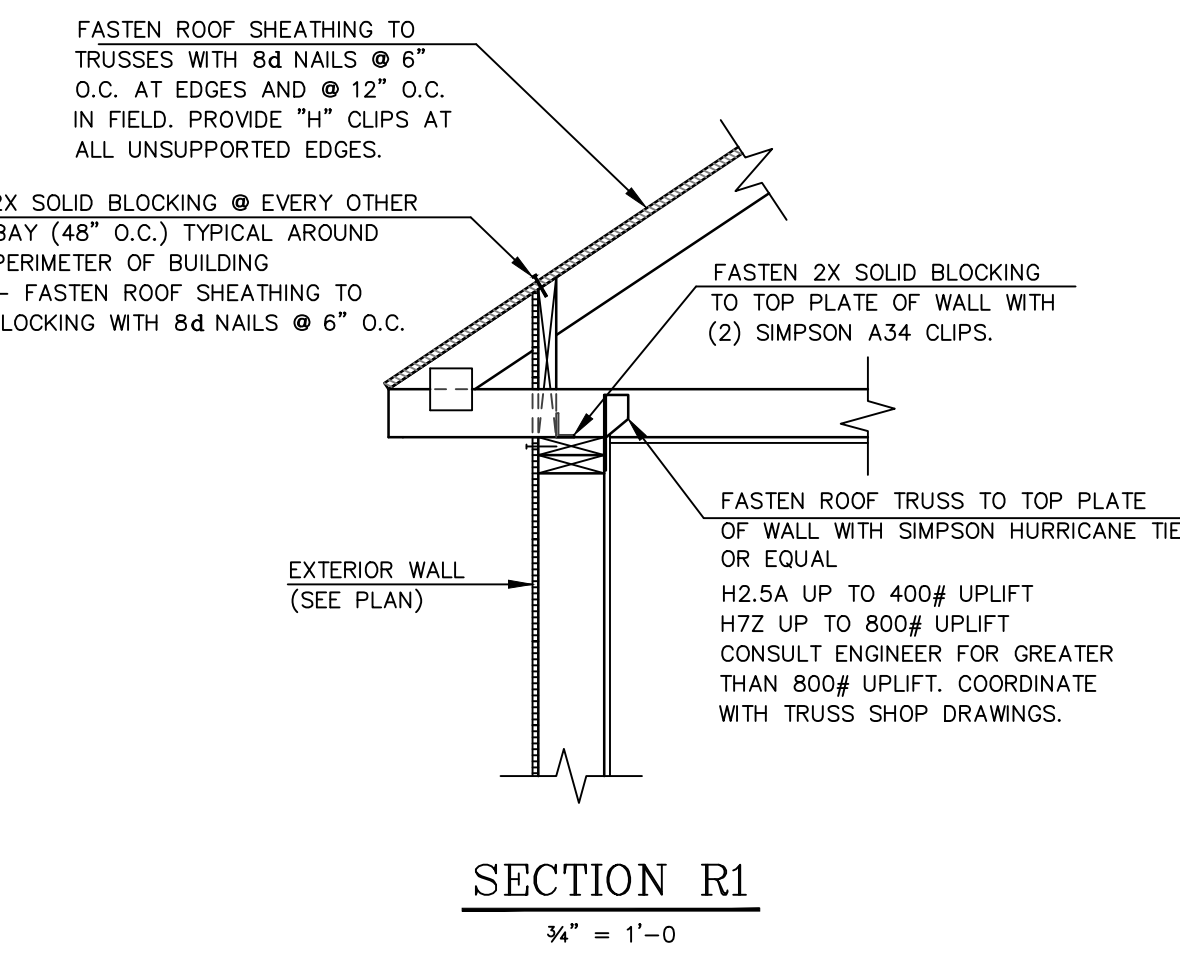


FOUNDATION PLAN
1/8" = 1'-0"

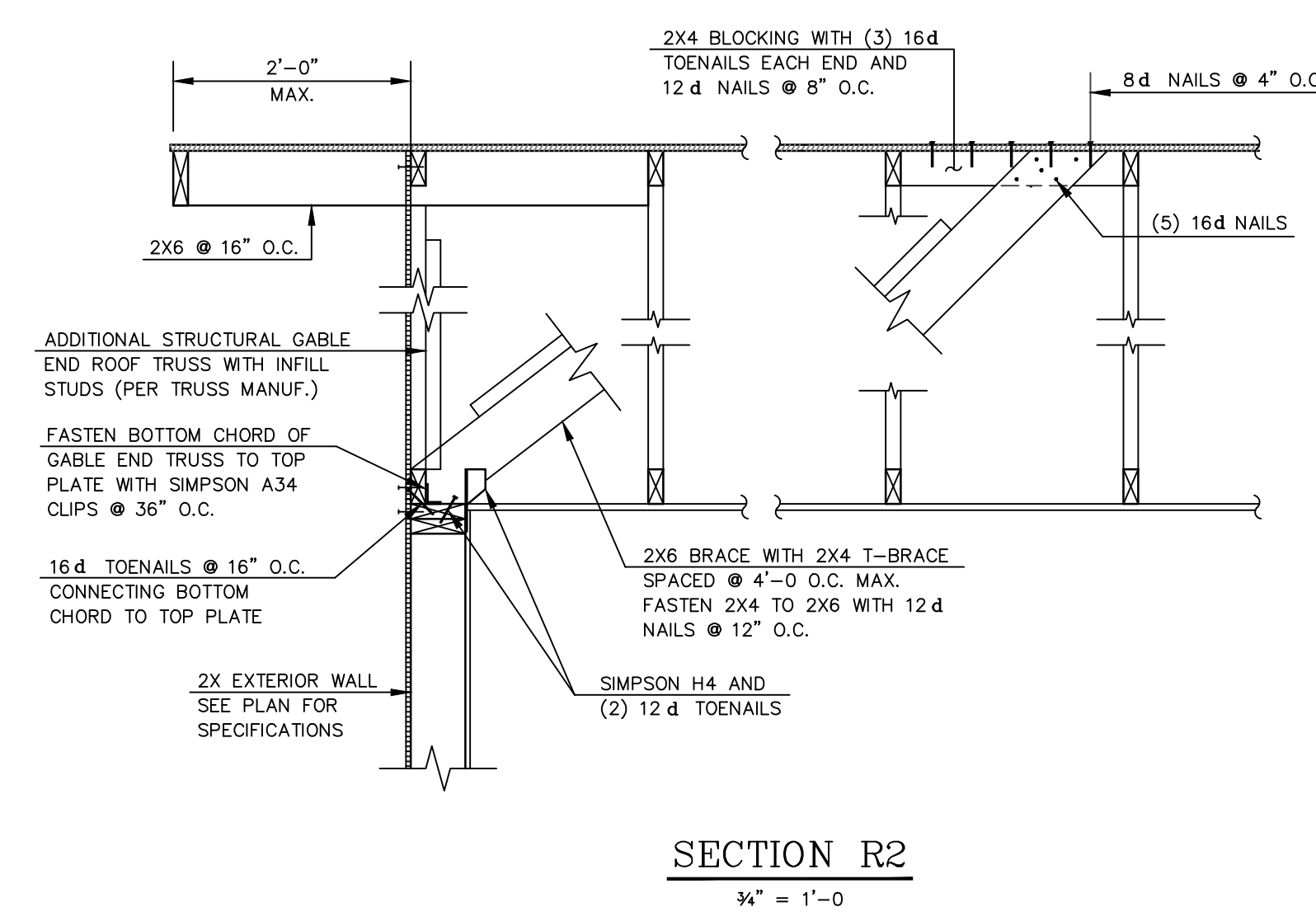
ELEV. FIN. FLOOR = 100.00 UNLESS OTHERWISE NOTED
FLOOR SLAB = 4" CONC. SLAB ON GRADE + 6x6-WI.4XW1.4 W.W.F.
ELEV. BOT. OF FDN. NOTED THIS ()

HOLDDOWN LEGEND

- SIMPSON HDU2-SDS2.5 WITH 3/8" SSTB16 ANCHOR BOLT 12% EMBEDMENT
- 2 - SIMPSON HDU2-SDS2.5 HOLDDOWNS AT END OR CORNER OF THE WALL.



SECTION R1
3/4" = 1'-0"



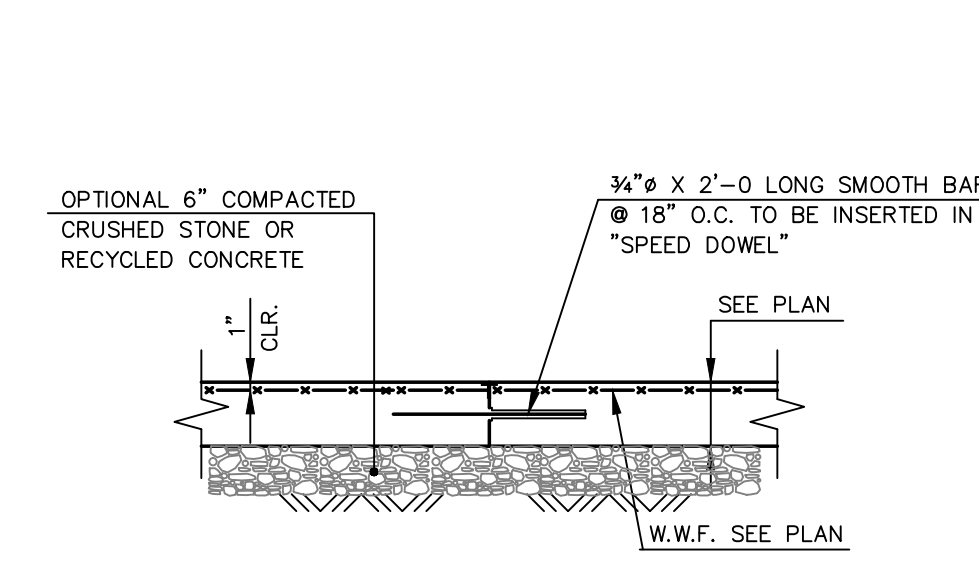
SECTION R2
3/4" = 1'-0"

STRUCTURAL BUILDING CODE CRITERIA (IBC 2009, NEW JERSEY EDITION)

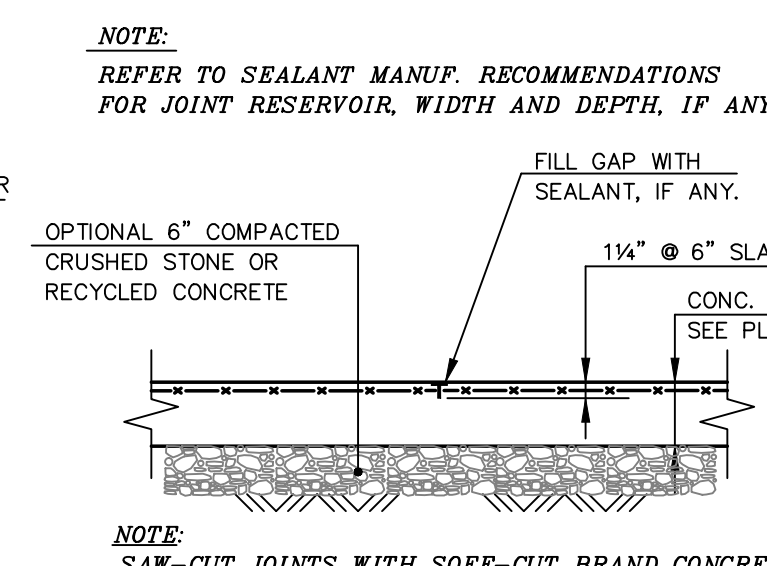
Roof Live Load, L _r	=	20 psf
Snow Loads		
Ground Snow Load, P _g	=	20 psf
Snow Importance Factor, I _s	=	1.0
Snow Exposure Factor, C _e	=	1.0
Snow Thermal Factor, C _t	=	1.1
Wind Loads (NJ IBC 1609)		
Basic Wind Speed	=	100 mph
Exposure Category	=	B
Wind Importance Factor, I _w	=	1.0
Earthquake Loads (NJ IBC 1613)		
Seismic Design Category	=	B
Occupancy Category	=	II
S _s	=	0.209 g
S ₁	=	0.053 g
Soil Profile, Site Class	=	D
Seismic Importance Factor, I _e	=	1.0
Analysis Procedure	=	Equivalent Lateral Force Procedure
Seismic Force Resisting System	=	Bearing Wall System (Light-framed Walls with Wood Structural Panels Rated for Shear Resistance) (R-6.5)

WOOD NOTES

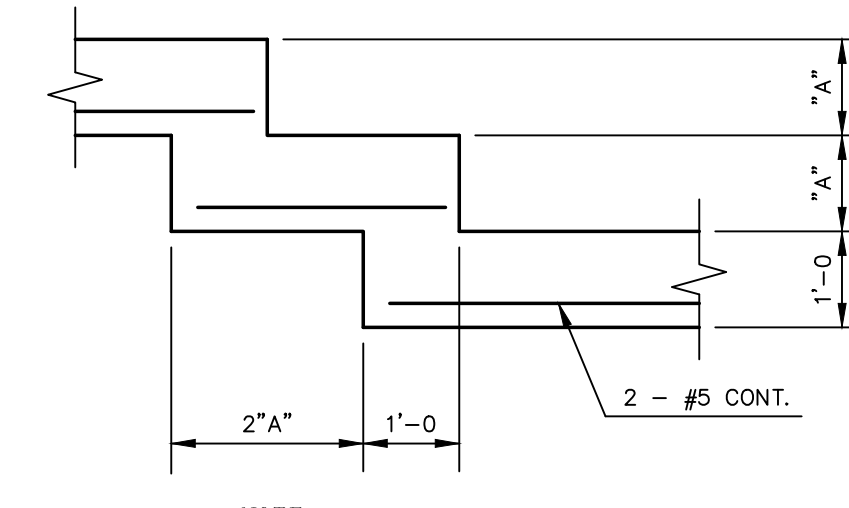
- Sawn lumber joists shall be #2 Hem-Fir or better. Wood studs and plates shall be #2 hem-fir or better. Wood posts shall be #2 Southern Yellow Pine or better. Exterior wood posts shall be pressure treated with an appropriate concentration of wood preservative. Interior posts may also be pressure treated. Where a post is not indicated at the ends of headers, beams or lintels, member shall be supported in direct bearing by at least 2 studs spiked together.
- All wood framing shall conform to the recommended practice of the National Design Specification of the National Forest Products Association. Where appropriate, roof and floor trusses shall be designed, handled and installed in accordance with the Truss Plate Institute's National Design Standard for Metal Plate Connected Wood Truss Construction, latest edition.
- All framed lumber to lumber connections shall be made with preformed light gage metal wood connectors. Metal wood connectors shall be manufactured by Simpson Strong-Tie unless otherwise approved by the Architect. Metal wood connectors shall be installed in accordance with the manufacturer's recommendations. All framing anchors exposed to the elements or fastened to pressure treated lumber shall be appropriately hot dipped galvanized or formed from stainless steel.
- Nailing requirements not otherwise specified shall comply with the recommendations in the latest edition of the International Building Code. All roof joists shall be fastened to the top wood plate at its bearing with a hurricane holdown anchor. Unless specified otherwise, minimum holdown anchor shall be a Simpson H2.5 or equal as appropriate for the end condition geometry.
- Lumber (engineered or dimensional) in contact with or bearing upon foundation walls, masonry or concrete below grade or upon exterior masonry bearing walls shall be preservative treated to inhibit decay. All lumber exposed to the elements shall be preservative treated. Posts or columns resting on concrete slabs, foundations or concrete or masonry walls shall be separated from the masonry and concrete by a bond breaker such as a metal post base.
- All 2 ply multiple beams of dimensional lumber shall be faced nailed with two rows of 10d nails at 16" on center staggered. Outer plies of 3 ply multiple beams of dimensional lumber shall be faced nailed with two rows of 16d nails at 16" on center staggered. Any additional plies shall be faced nailed to interior plies with two rows of 16d nails at 16" on center staggered. Multiple plies of engineered lumber shall be joined to act as a unit as recommended by the manufacturer.
- Unless increased requirements are specified elsewhere on these plans, all beams, headers and girders shall be supported by at least one jack stud (direct bearing) and one king stud (full height) study the same nominal size as the wall in which they are contained. The total number of studs on each side of an opening shall be at least one plus half the number of studs interrupted by the opening unless noted otherwise.



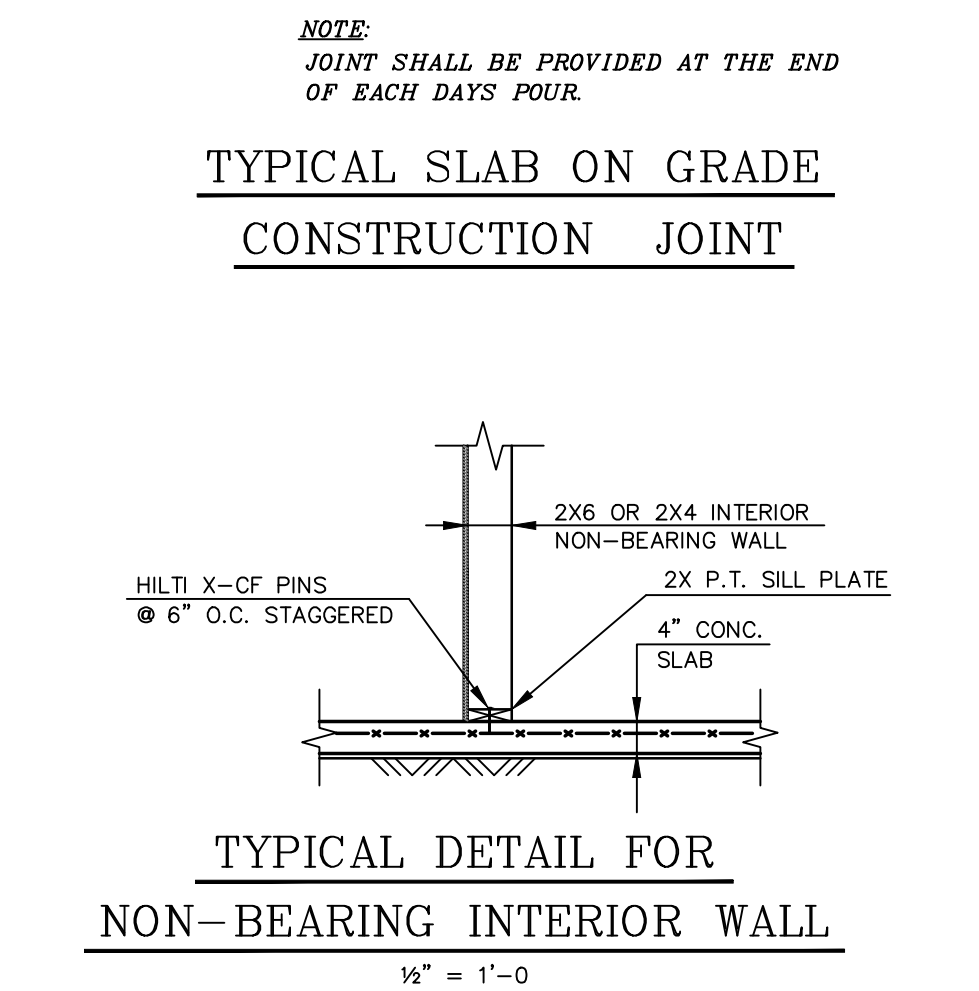
TYPICAL SLAB ON GRADE CONSTRUCTION JOINT



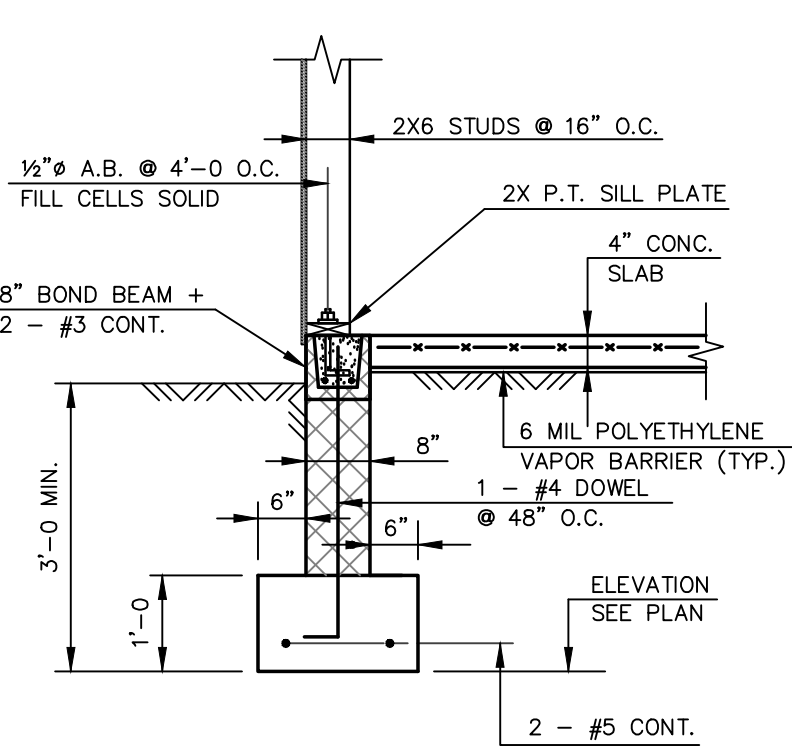
TYPICAL SAWCUT CONTROL JOINT



TYPICAL STEPPED FOOTING



TYPICAL DETAIL FOR NON-BEARING INTERIOR WALL
1/8" = 1'-0"



SECTION F1
1/8" = 1'-0"

REVISIONS		DRAWING NUMBER			
NUMBER	DATE	DRAWING NUMBER			
		S1 OF			
LEONARD BUSCH ASSOCIATES CONSULTING ENGINEERS 1239 HAWWAY AVENUE, EWING, NEW JERSEY 08628 TELEPHONE: 609-771-6900 FAX: 609-771-9985					
COMM. NO.	64085			NEW BUILDING FOR IN HIS PRESENCE WORSHIP CENTER 176 HARDING HIGHWAY, FRANKLIN TOWNSHIP, N.J. PLANS, SECTIONS AND DETAILS	
DRAWN	J.H.				
CHECKED	D.B.				
SCALE	AS NOTED				
DATE	2/27/2015				