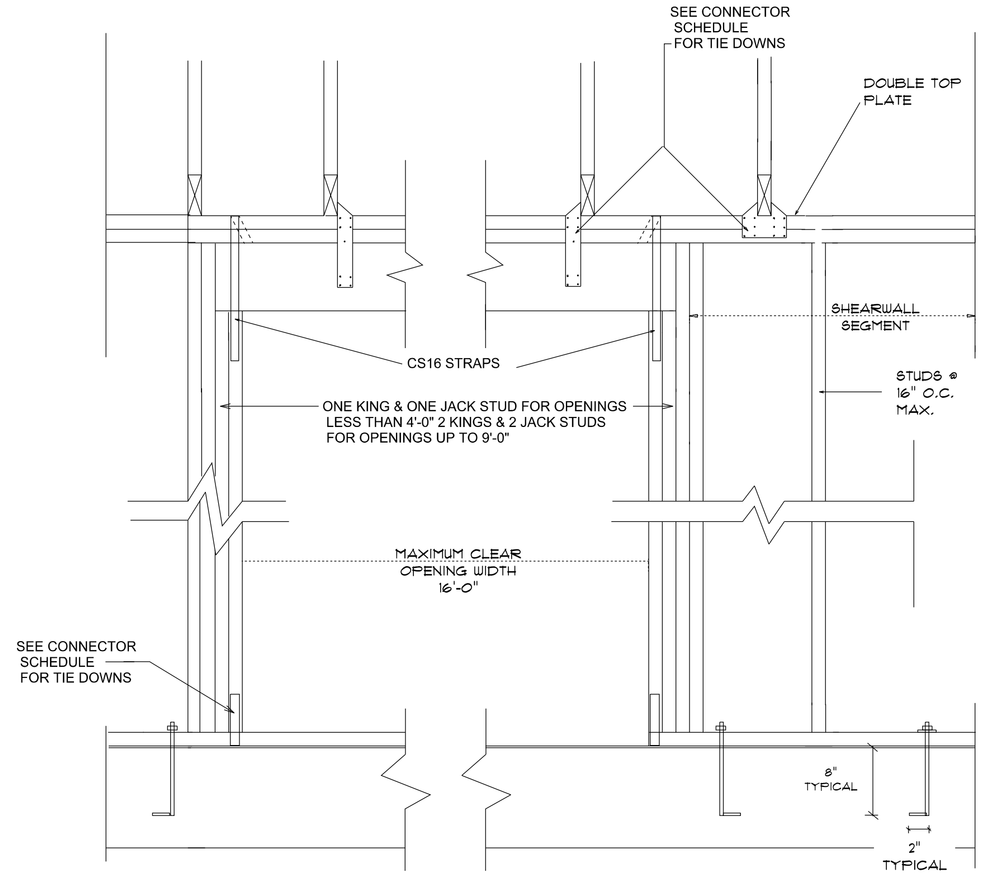
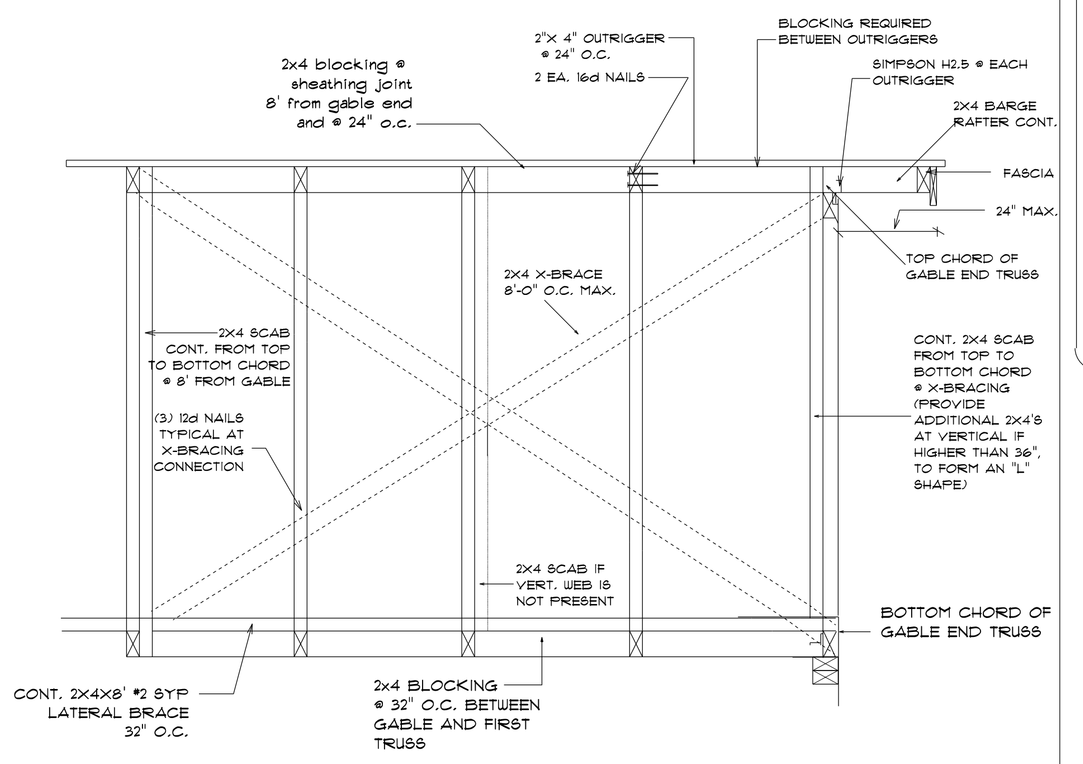
CONNECTOR SCHEDULE FOR LOAD BEARING & SHEAR WALLS

TO CONNECT	TO	NO.	PRODUCT CODE	FASTENER	UPLIFT CAPACITY LBS
STUDS	BOTTOM PLATE		H2.5	32" SPACING MAX.	360
STUDS	TOP PLATE		H2.5T	32" SPACING MAX.	535
JACK STUDS	HEADER		CS16	(22) 8d COMMON NAILS	1705
JACK STUDS	BOTTOM PLATE		H2.5		360
JACK TRUSS	TOP PLATE		H2.5T		495
JACK TRUSS	HEADER		H2.5T		495
TRUSS	TOP PLATE		H2.5T		495
GABLE TRUSS	TOP PLATE/ BEAM		LTS 12	@ EACH VERTICAL	
6"x 6" POST	CONCRETE		ABU66		2200
6"x 6" POST	HEADER		2- H6	8- 8d COMMON	1055 EA
HEADER	WOOD FRAME WALL		H8	8- 8d COMMON	860 EA
BOTTOM PLATE	FOOTING/ SLAB			1/2" DIA.X 12" ANCHOR BOLT W/ 2"X 2" X 1/8" WASHER @ 32" O.C. MAX. & AT EACH BOARD END & OPENING 7" MIN. EMBED	2200 3080
BOTTOM PLATE / WALL	FOOTING/ SLAB		HTT4	1- 5/8" DIA./18-16D COMMON AS SHOWN ON HOLDDOWN LOCATION SHEET	



LOAD BEARING WALL OPENING FRAMING DETAIL



NOTES:
1) Unbraced length of x-bracing may not exceed 10 ft. If length exceeds 10 ft., additional scabs are required.
2) Siding omitted for clarity.

FRAMING GABLE END

Digitally signed by Michael E. Driscoll PE
Date: 2024.08.14 11:53:09 -04'00'

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY MICHAEL E. DRISCOLL, P.E. USING A SHA AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES ON 8-14-24

Concrete Construction Notes

1. Concrete work shall conform to "Building Code Requirements for Reinforced Concrete" (ACI-318) and "Specifications for Structural Concrete" (ACI-301), Latest Edition.
2. Concrete mix shall conform to the following specifications. All concrete mixes shall contain a water-reducing admixture conforming to ASTM C-494. Air-entraining admixture shall conform to ASTM C-260.

CONCRETE MIX A

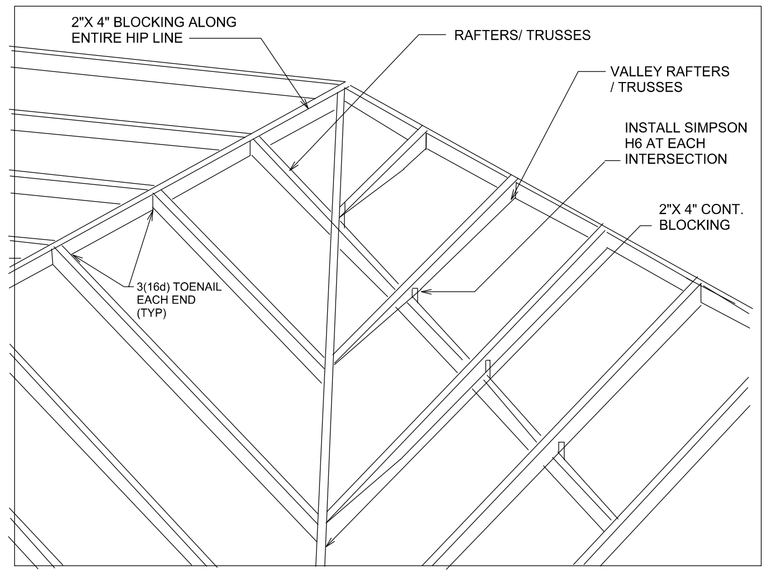
Ultimate Compressive Strength @ 28 days	3,000 PSI
Slump Range	4" +/- 1"
Maximum Aggregate Size	1"
Entrained Air	None
Dry Weight per Cubic Foot	150 #

3 All concrete shall be cured for a minimum of 28 days. If forms for vertical surfaces are removed prior to the end of the curing period, spray surfaces with liquid membrane curing compound.

4. Reinforcing steel shall conform to ASTM A615, Grade 40 (Fy=40 ksi). Lap continuous bars for tension lap splice per ACI-318, unless otherwise noted. Provide corner bars of same size and spacing as horizontal wall reinforcement. Cover for concrete reinforcing steel shall be in accordance with ACI-318, Paragraph 7.7.
5. Welded wire fabric (WWF) shall conform to ASTM A185. Lap sheets two mesh spaces and wire tie adjacent sheets together securely. Cut alternate reinforcement at control joints.
6. All slabs on grade shall have construction or control joints not to exceed 10' - 0" spacing, unless otherwise noted.
7. Electrical conduit and other pipes to be embedded in structural concrete floor slabs or walls shall be placed in accordance with the requirements of ACI-318, Paragraph 6.3.

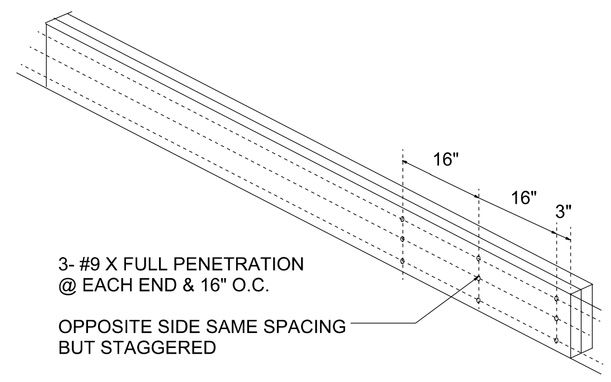
Masonry Construction Notes

1. Concrete masonry work shall conform to "Building Code Requirements for Masonry Structures" (ACI 530-02/ASCE5-02) and "Specifications for Masonry Structures: (ACI 530.1-02/ASCE6-02).
2. Concrete masonry units shall be Type 1 and comply with "Standard Specifications for Hollow Load-Bearing Concrete Masonry Units" (ASTM C90-90).
3. The minimum net area compressive strength of masonry (f'm), as determined by the unit strength method, shall be 1500 psi.
4. Mortar shall conform to ASTM C270. Type M Mortar shall be used unless otherwise noted. Type S Mortar shall be used with masonry in contact with earth.
5. Masonry column reinforcement shall have #2 ties in the bed joints at 8" oc, unless otherwise noted.
6. Grout for filling block cores and bond beams shall have a minimum compressive strength (f'c) of 3,000 psi at the age of 28 days.



CONTINUOUS 2"X 4" MIN. VALLEY BLOCKING
(2) EACH 16d TOENAILS EACH END EACH PIECE.
ROOF SHEATHING FROM ADJACENT PLANES TO BE CONNECTED TO COMMON RAFTERS & BLOCKING

SHEATHING MAY BE PROVIDED BETWEEN MAIN ROOF TRUSSES & VALLEY SET TRUSSES



BEAM LAMINATE
IF APPLICABLE

DRISCOLL ENGINEERING,INC.
CONSULTING ENGINEERS
CA 8690
PO BOX 357577
GAINESVILLE, FL. 32606
PH (352) 331-1513
FX. (352) 505-3366

HILL
PARCEL 02-75-16-04111-121
COLUMBIA CO , FL DS23-05

DATE: 8-14-24

sheet WL 2

MICHAEL E DRISCOLL PE
FL REG # 43922