

FLOOR PLAN
SCALE: 1/4" = 1'-0"

120 MPH OPENING PRESSURES	
INTERIOR ZONE	END ZONE
A +25.9 / -28.1	B +25.9 / -34.7
C +24.7 / -26.9	D +24.7 / -32.4
E +23.2 / -25.4	F +23.2 / -29.3
G SEE COVER	H SEE COVER

WALL LEGEND	
	FRAMED WALL
	FRAMED SHEAR WALL
	BEARING WALL
	FRAMED WALL W/ SIDING

NOTE:
1. ALL WINDOWS WITHIN 2'-0" OF DOORS AND IN SHOWER OR TUB AREAS WILL BE SAFETY TEMPERED GLASS.
2. ALL DOORS LEADING FROM UNCONDITIONED SPACE TO CONDITION SPACE SHALL BE SOLID CORE.
3. CEILING FOR EXTERIOR ENTRIES AND COVERED PORCHES TO HAVE 7/16" SPAN RATED OSB NAILED PER ZONE ON ROOF DIAPHRAGM NAILING SCHEDULE ON SHEET S-4.
4. DOOR FROM GARAGE INTO HOUSE MUST BE SPECIFIED AS EITHER A MINIMUM 1 3/8" SOLID WOOD DOOR, SOLID OR HONEYCOMB STEEL DOOR, OR 20 MINUTE FIRE RATED DOOR.

AREA CALCULATIONS	
1st FLOOR	1800 S.F.
TOTAL LIVING	1800 S.F.
COVERED PORCH	400 S.F.
TOTAL AREA UNDER ROOF	2200 S.F.

LAST PLOT DATE: May 25, 2006 04:10 PM
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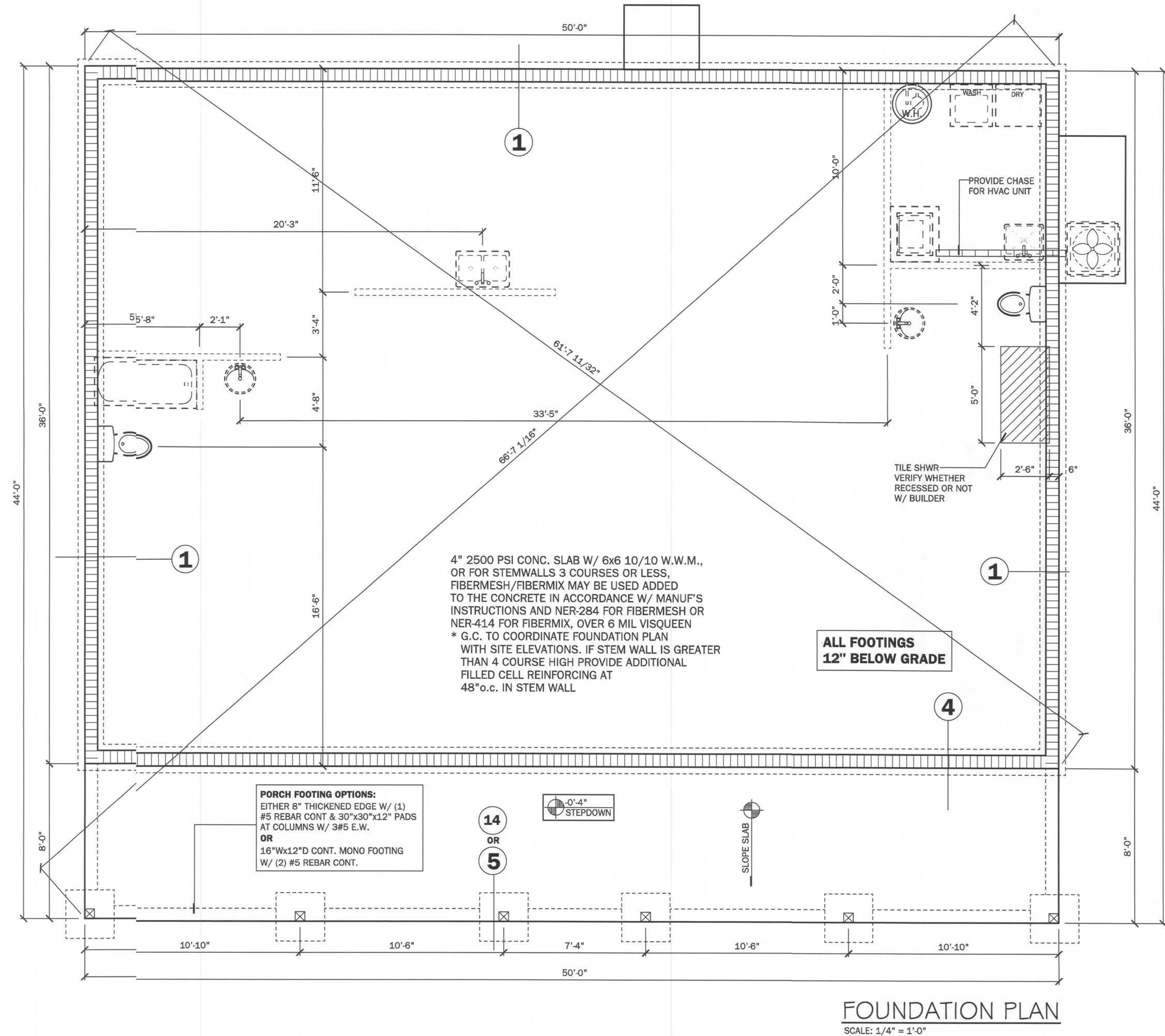
GREGORY P. RIVERS, P.E.
P.O. Box 1389
Chiefland, FL 32644-1389
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Gregory P. Rivers, P.E. # 35800
DATE: May 25, 2006

G.C.C.I. HOMEBUILDERS
GRAY CONSTRUCTION COMPANY, INC.
EST. 1970
LICENSE NO. 0001310

PROJECT:
Josh & Tina Edwards Residence
Gilchrist County

SHEET NO.
2
OF
9

FLOOR PLAN



FOUNDATION PLAN

NOTES:

UNLESS OTHERWISE DTD

1. ELECTRICAL OUTLET HEIGHTS AS MEASURED FROM FINISHED FLOOR TO CENTERED LINE OF THE BOX TO BE: 12" AFF (GENERAL)

KITCHEN	44" AFF
BATHROOM	39" AFF
LAUNDRY ROOM	36" AFF
EXTERIOR WATERPROOF	12" AFF
GARAGE GENERAL PURPOSE	42" AFF
RANGE	2" AFF

2. ALL TRIM PLATES & DEVICES TO BE GANGED, WHERE POSSIBLE.

3. ELECTRICAL SWITCHES TO BE AT 42" CENTERLINE ABOVE FINISHED FLOOR.

4. ELECTRICAL PLAN INTENDED FOR BID PURPOSES ONLY. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRIC CODE, LATEST EDITION, BY A LICENSED ELECTRICAL CONTRACTOR WHO SHALL BE RESPONSIBLE FOR THE INSTALLATION & SIZING OF ALL ELECTRICAL, WIRING & ACCESSORIES.

5. SMOKE DETECTOR SHALL BE IN ACCORDANCE WITH FLORIDA BUILDING CODE, SECTION 907.

6. PROVIDE AFCIs (AR FAULT INTERRUPTERS) IN ALL DWELLING UNIT BEDROOMS PER NFPA 70A-2

7. KEEP ALL SMOKE DETECTORS MINIMUM OF 36" FROM BATHROOM DOORS

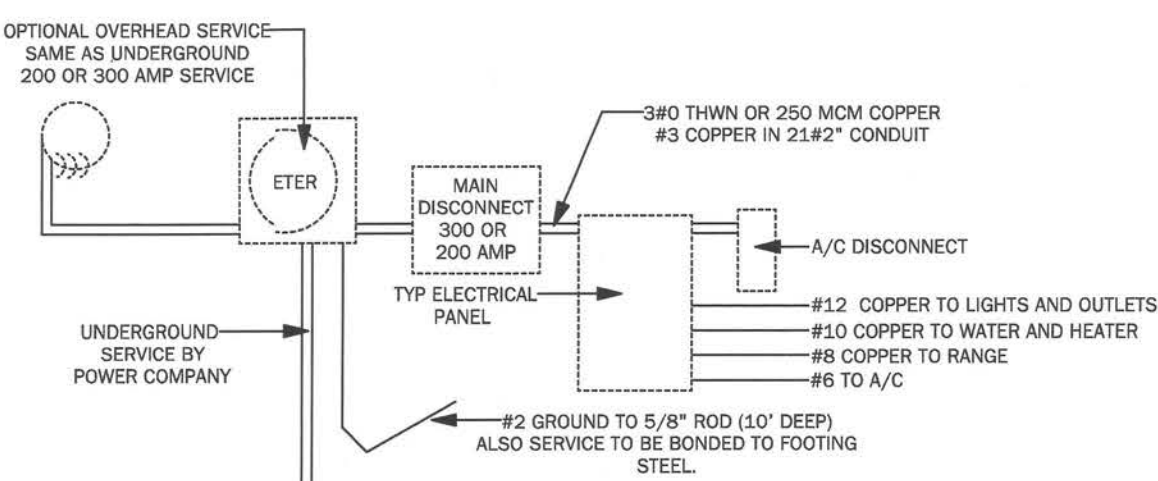
8. IN NEW CONSTRUCTION, SMOKE DETECTORS SHALL BE HARDWIRED INTO AN A/C ELECTRICAL POWER SOURCE AND SHALL BE EQUIPPED WITH A MONITORED BATTERY BACKUP.

9. BATHROOM EXHAUST FANS MUST VENT TO THE EXTERIOR OF THE BUILDING, ATTIC SPACE AND SOFFITS ARE NOT ACCEPTABLE.

10. ALL DOORS AND WINDOWS PROVIDING DIRECT ACCESS FROM THE HOME TO THE POOL SHALL BE EQUIPPED WITH AN EXIT ALARM COMPLYING WITH UL 2017 THAT HAS A MINIMUM SOUND PRESSURE RATING OF 85 dBA AT 10 FEET, AND EITHER HARDWIRED OR OF THE PLUG-IN TYPE. THE EXIT ALARM SHALL PRODUCE A CONTINUOUS AUDIBLE WARNING WHEN THE DOOR OR WINDOW ARE OPENED.

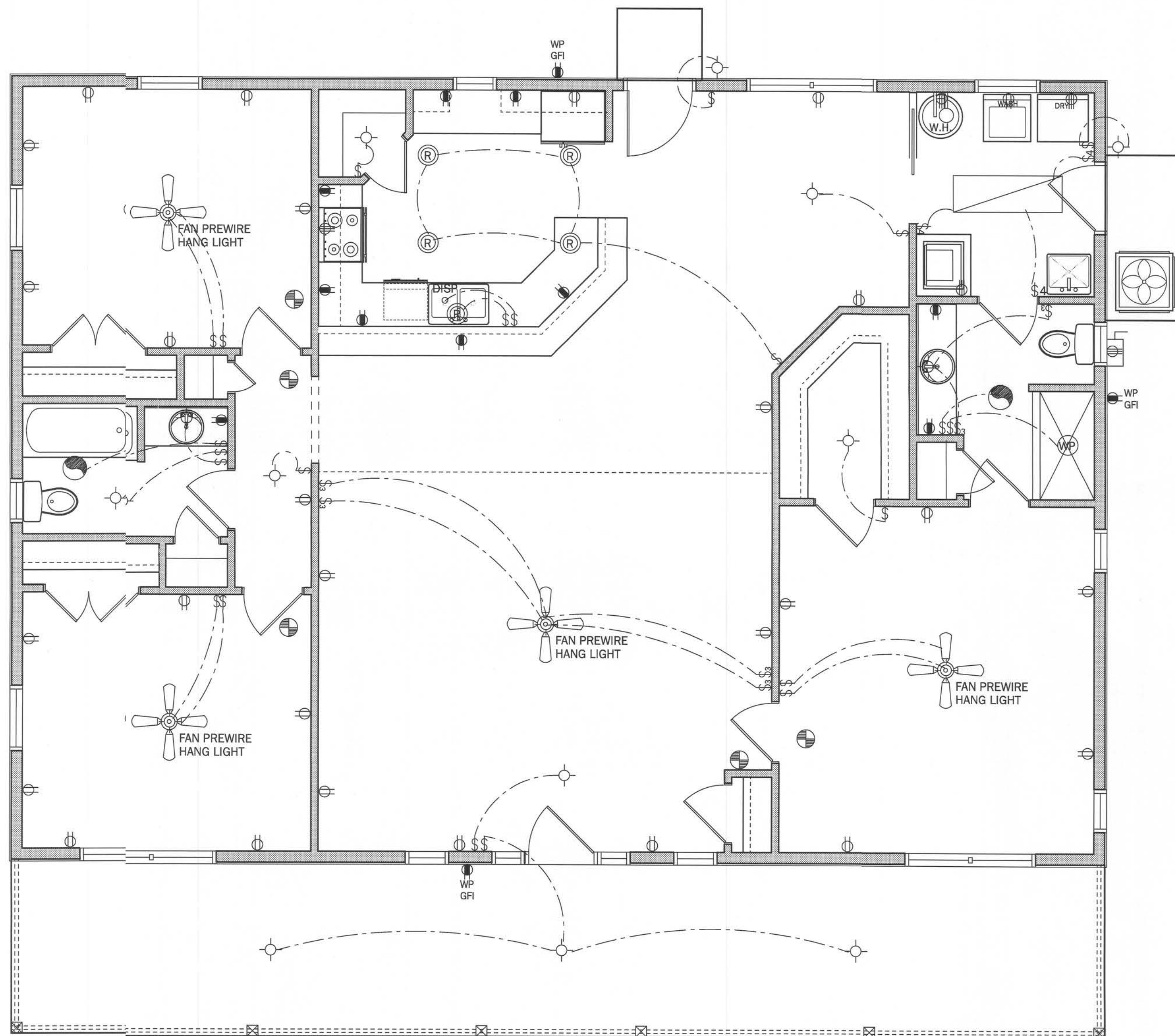
ELECTRICAL LEGEND

\$	SINGLE POE SWITCH	⊕	SMOKE DETECTOR
\$2	DOUBLE POE SWITCH	⊕	FLOOD LIGHT
\$3	THREE-WAY SWITCH	⊕	FLUORESCENT LIGHTING
\$4	FOUR-WAY SWITCH	⊕	TRACK LIGHTING
\$DM	DIMMER SWITCH	⊕	CEILING FAN
⊕	CEILING FIXTURE	⊕	CHIMES
⊕	SCOURCE (ALL MOUNTED) FIXTURE	⊕	DOOR BELL CHIMES
⊕	110 VOLT DUPLEX OUTLET	⊕	DOOR BELL
⊕	110 VOLT SPLIT SWITCHED OUTLET	⊕	DISPOSAL
⊕	GROUND FAULT INTERRUPT	⊕	DISCONNECT SWITCH
⊕	WP WATER PROOF W/ GROUND FAULT	⊕	PREWIRE SPEAKER
⊕	220 VOLT OUTLET	⊕	JUNCTION BOX
⊕	SPECIAL SERVICES OUTLET	⊕	THERMOSTAT
⊕	T.V. CABLE OUTLET	⊕	LOW VOLTAGE LIGHTING
⊕	TELEPHONE CABLE OUTLET	⊕	INTERCOM SYSTEM
⊕	RECESSED LIGHTING	⊕	GARAGE DOOR PUSH BUTTON
⊕	WP WATER PROOF RECESSED LIGHTING		
⊕	BATH FAN		
⊕	BATH FAN W LIGHT		



ELECTRICAL RISER

NOTE:
ELECTRICAL MATERIAL AND INSTALLATIONS SHALL COMPLY WITH APPLICABLE PROVISIONS OF THE NFPA 70A-2, LOCAL CODES AND THE LOCAL POWER CO.



ELECTRICAL PLAN

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

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PROJECT:

Josh & Tina Edwards Residence
Gilchrist County

SHEET NO.

4
OF
9

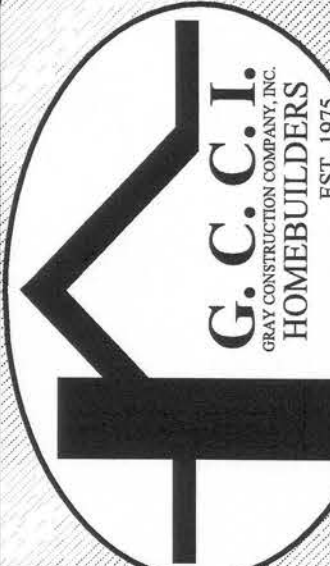
ELECTRICAL
PLAN

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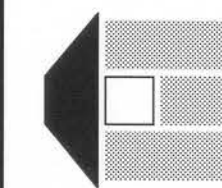
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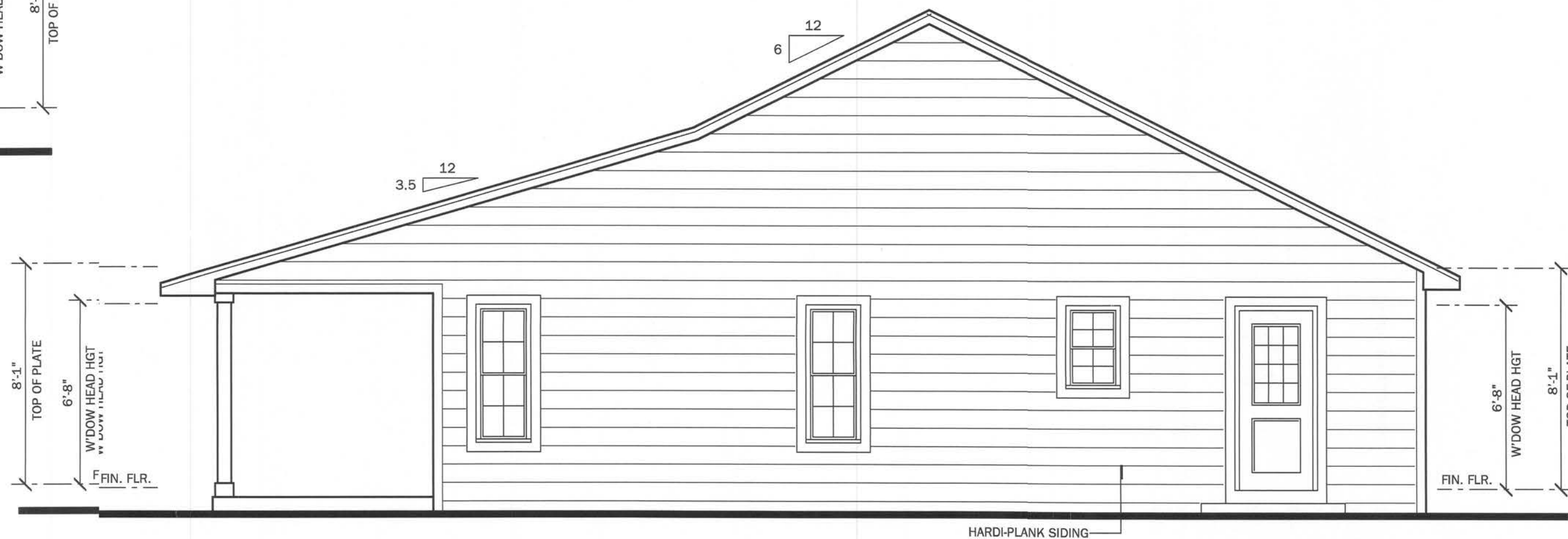
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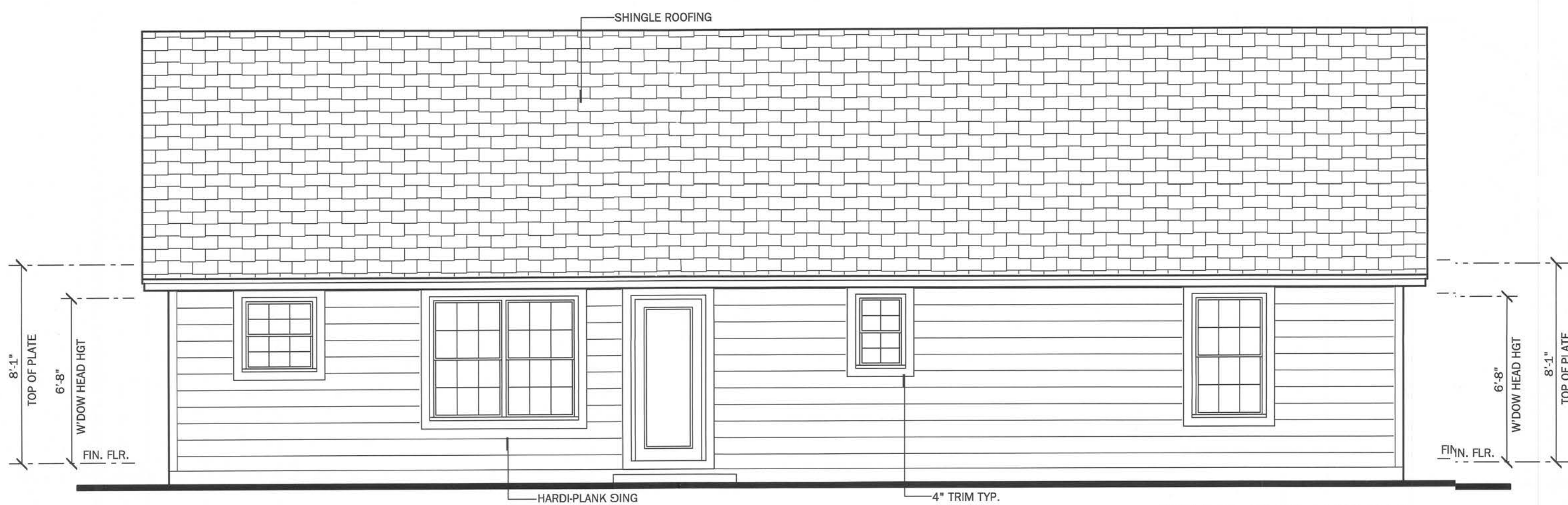
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LEFT ELEVATION
SCALE: 1/4" = 1'-0"



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



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



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

GENERAL NOTES:

VENTILATION CALCULATION

FORMULA PER FRBC 2004 SEC 806.2= S.F. / 300 (1/300)
/ 2 (INTAKE vs EXHAUST) * 144 (TO CONVERT TO SQ.
INCHES) = NET SQ. INCH REQUIREMENT
2200/300 = 7.3 / 2 = 3.6 * 144 = 518
518 SQ. INCHES OF VENTILATION REQUIRED

ROOF CRITERIA

-24" OVERHANG @ EAVES U.N.O.
-12" OVERHANG @ GABLES U.N.O.
-PLUMB CUT FASCIA
-ROOF PITCH PER ELEVATION
-WINDLOAD CALC. PER ASCE 7-02
(VARIES BY LOCATION)
-SHINGLE LOADING

NOTE: SOFFITS ARE TO BE PERFORATED AND THE
NET FREE SQUARE INCHES SHALL MEET OR EXCEED
THE CALCULATED AMOUNT OF VENTILATION REQUIRED

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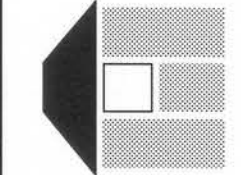
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A

B

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G.C.C.I.

HOMEBUILDERS

EST. 1975

NO. 00000000

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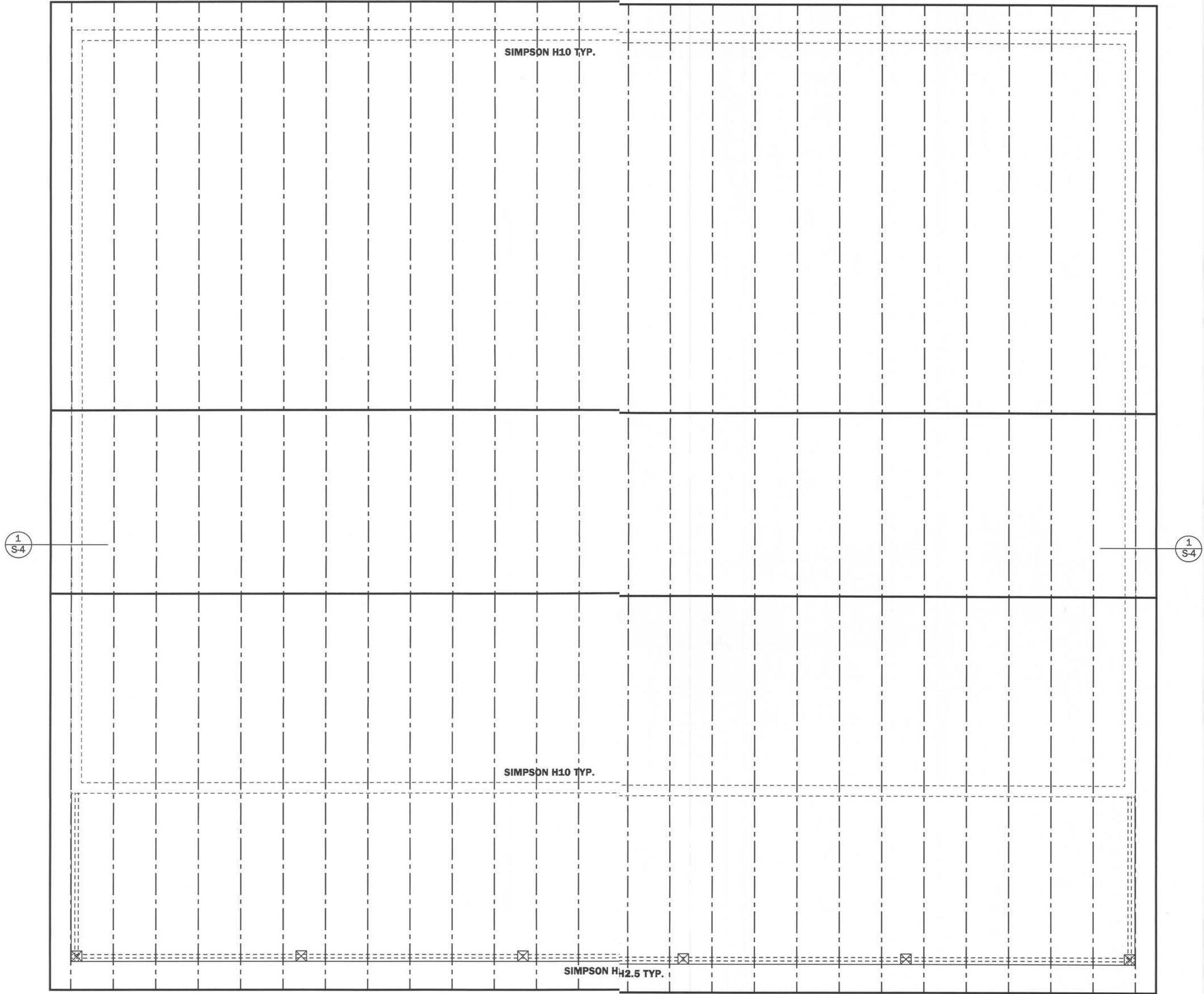
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ELEVATIONS

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ROOF PLAN
SCALE: 1/4" = 1'-0"

MARK	HOLD DOWN ANALYSIS	UPLIFT
	UNLESS NOTED OTHERWISE: 1.) ALL HARDWARE TO BE SIMPSON 2.) WOOD CONNECTIONS = H2.5 W/ 10-8d NAILS H10 W/ 16-8d NAILS OR MTS12 W/ 14-10dX1 1/2" NAILS	365# 850#
A	2 - MTS12 W/ 14 10dX1 1/2" NAILS	1720 #U
B	2 - HTS20 W/ 20 - 10d	2900 #U
C	HCP2 W/ 12-10d X 1 1/2" NAILS	520 #U
D	LGT2 W/30-16d SINKERS	1785 #U

NOTE:
OPTIONAL 32/16 SPAN RATED
SHEATHING MAY BE USED IN
PLACE OF HIP BLOCKING DETAIL 7/S-4

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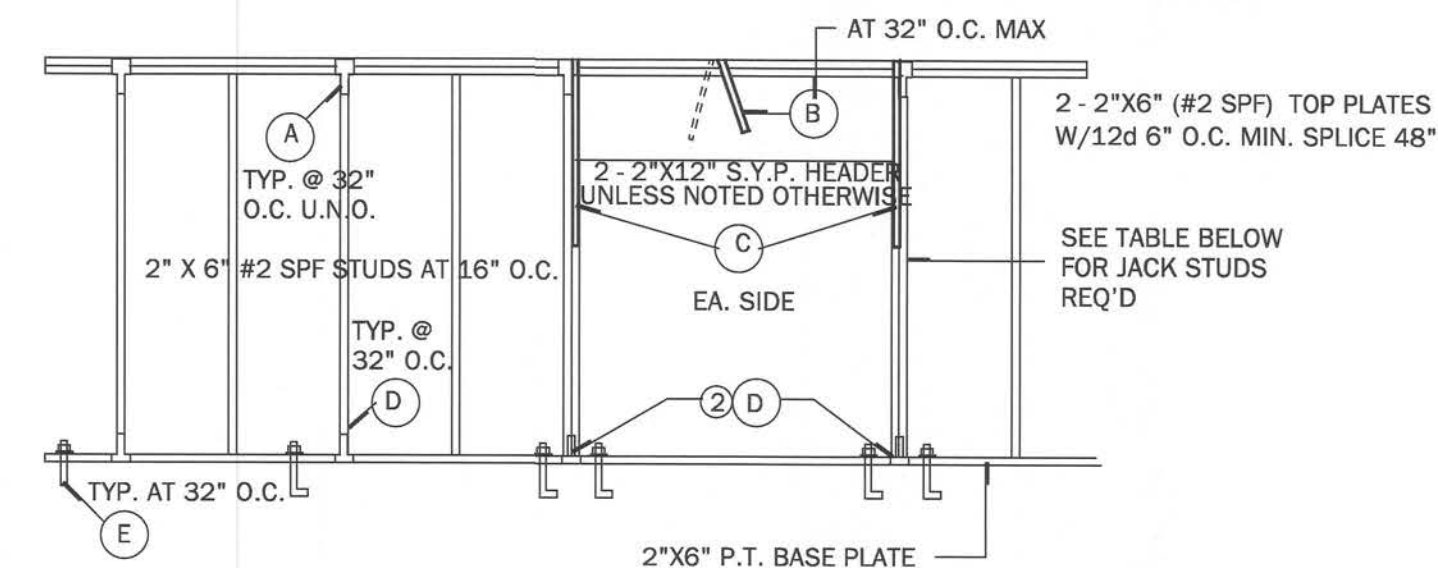
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ROOF PLAN A

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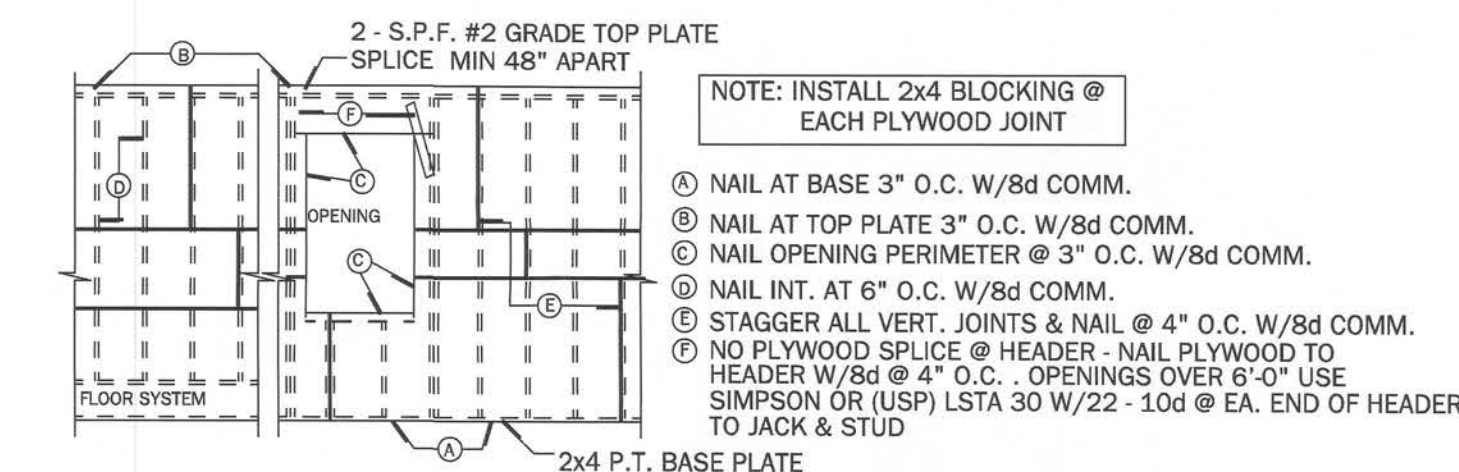


1 TYPICAL BEARING WALL
UPLIFT CAPACITY PER 24" = 570# (WITH ROOF LOAD APPLIED) N.T.S.

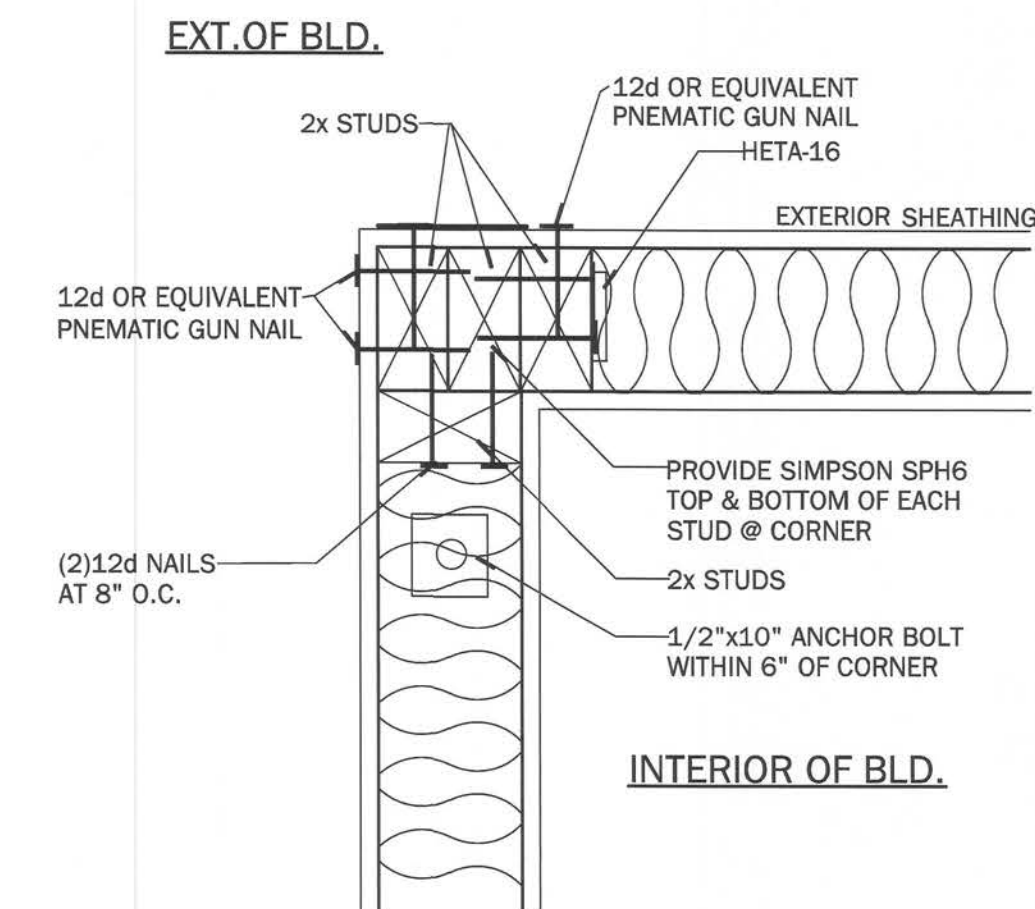
CONNECTOR LEGEND	
(A)	SIMPSON SPH6 W/ 12-10d x 1 1/2"
(B)	SIMPSON MTS24 W/ (18) 10d NAILS
(C)	SIMPSON MTS24 W/ (18) 10d NAILS
(D)	SIMPSON SPH6 W/ 12-10d X 1 1/2"
(E)	1/2"x10" J-BOLT W/ 2" WASHER @ 32" O.C. PLUS (2) WITHIN 6" EACH SIDE OF JACK STUDS @ HEADER

WINDOW & DOOR JACK TABLE	
PROVIDE JACKS @ EACH END AS FOLLOWS	
(2)	WHEN OPN'GS ARE GREATER THEN 4'-0"
(3)	WHEN OPN'GS ARE GREATER THEN 6'-0"
(4)	WHEN OPN'GS ARE GREATER THEN 8'-0" BUT LESS THAN 10'-0"

NOTE:
FOR EXTERIOR SEE 2/S2 FOR SHEATHING TYPE AND NAILING SCHEDULE

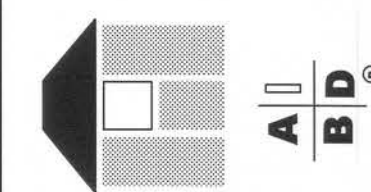


2 TYPICAL WALL SHEATHING INSTALLATION & NAILING SCHEDULE
N.T.S.

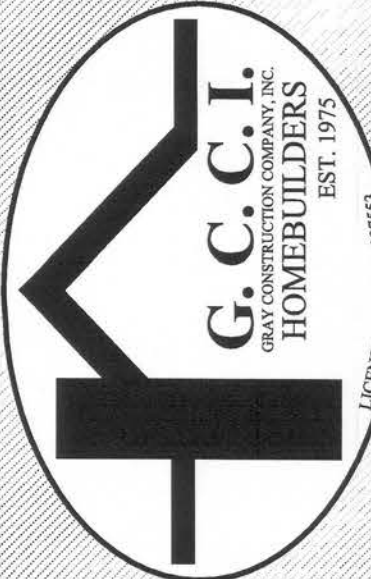


3 EXTERIOR FRAME CORNER
SCALE: 1" = 1'-0"

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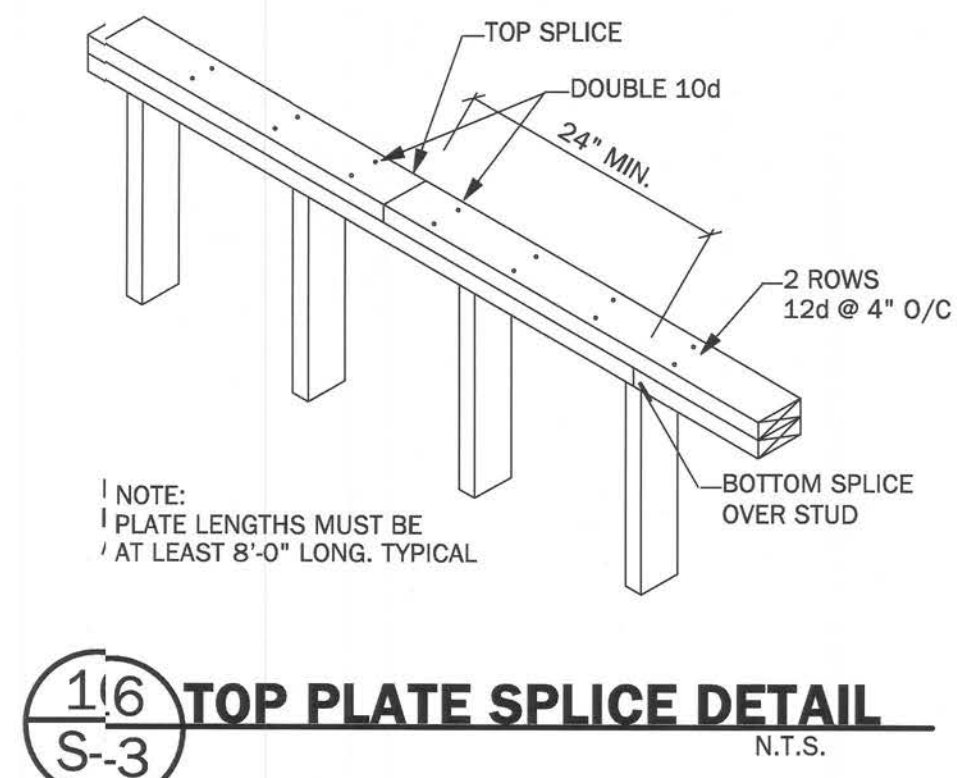
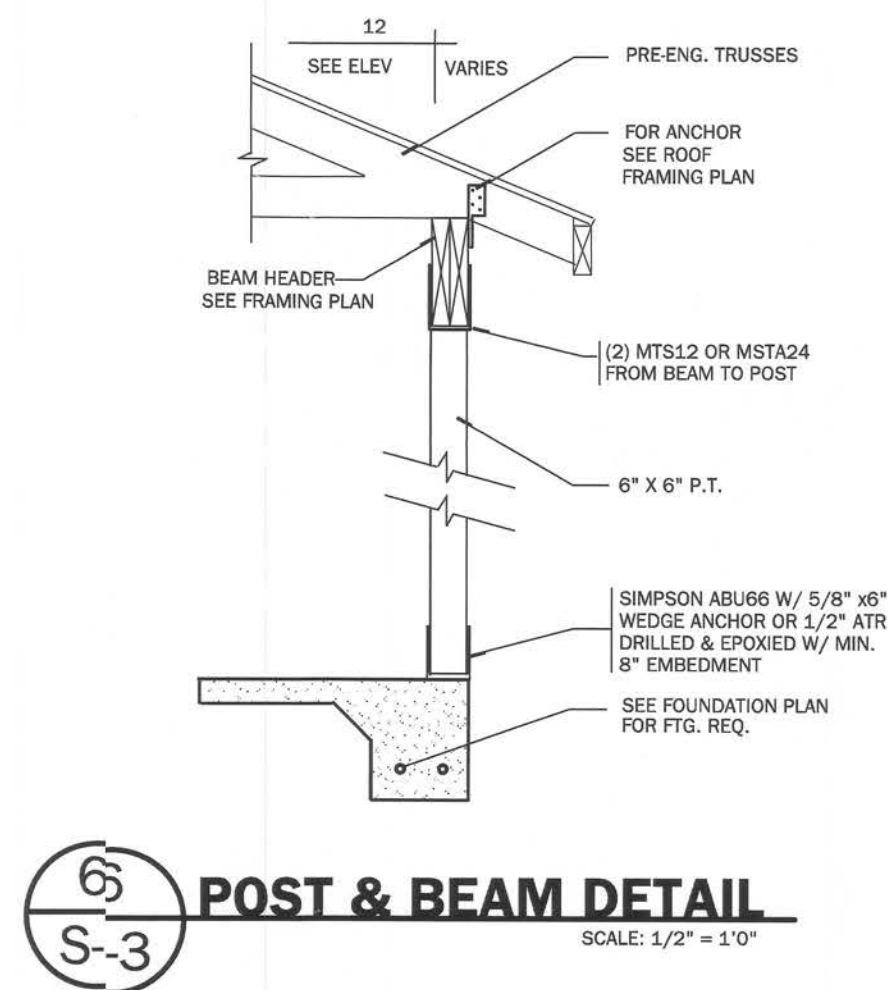
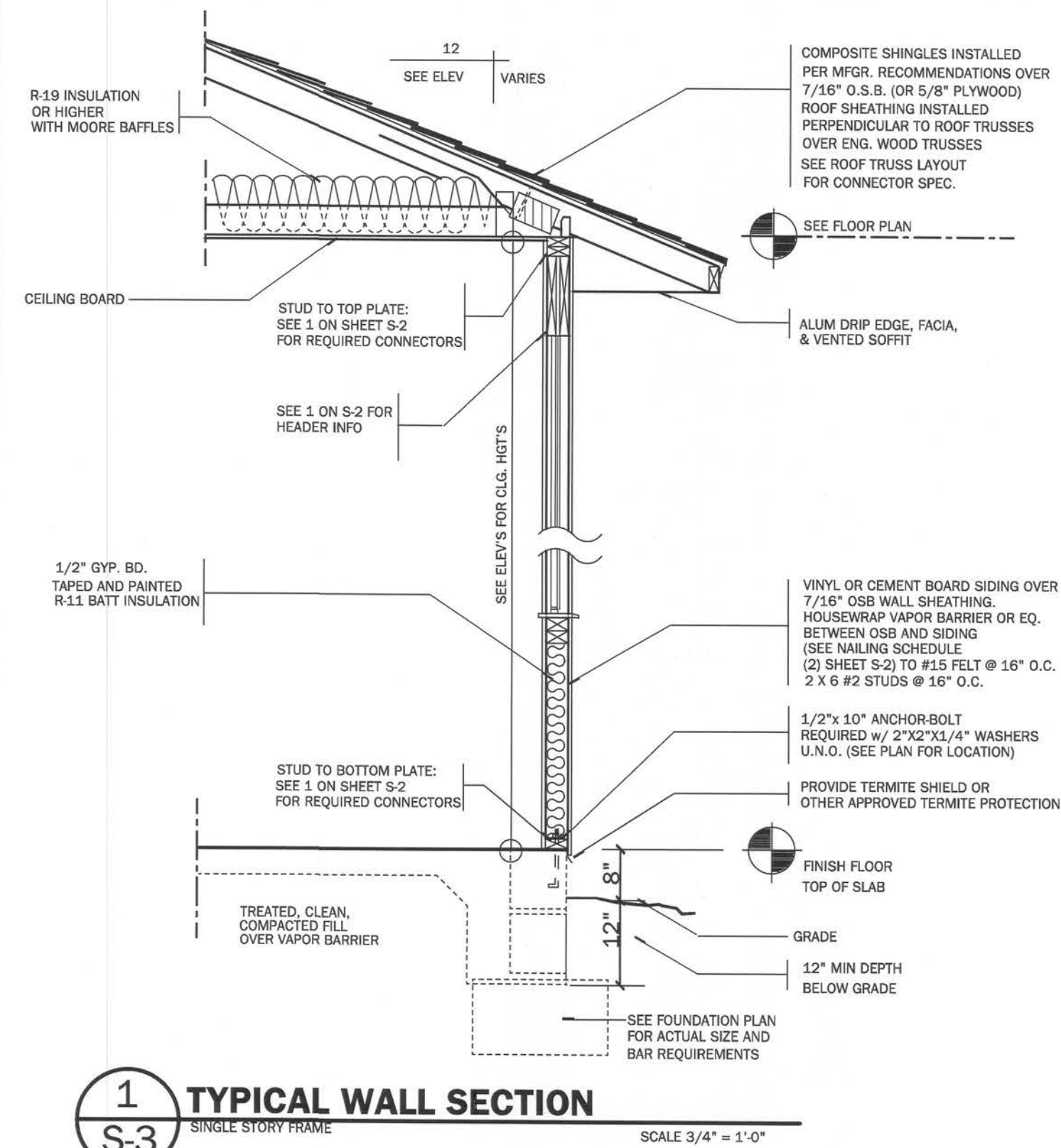


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SHEET NO.
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TYPICAL FRAMING
DETAILS

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SHEET NO.
S-3
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TYPICAL WALL DETAILS

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ROOF DETAILS