

02.06.24 CHRISTOPHER J SABOURII FL PE#71461

STRUCTURAI ENGINEERING CA#32529 235 9TH AVE N JAX BEACH, FL 32250 904-712-5750 CHRIS@SABOENG.COM

PLAN NAME PATEL RESIDENCE SSE NUMBER 24-0011

DATE ISSUE PERMIT 02.06.24 REVISIONS DATE

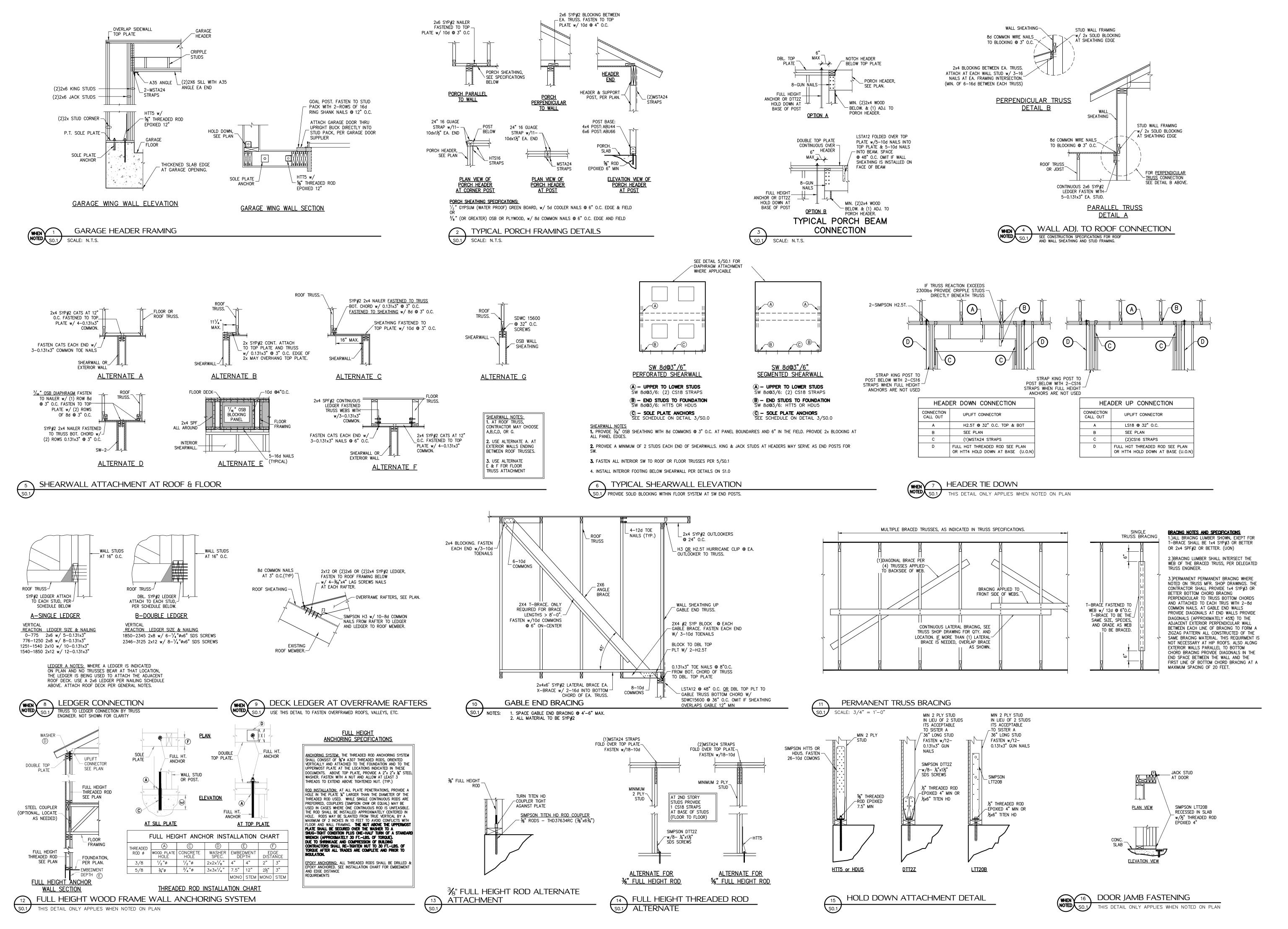
PROJECT ENGINEER

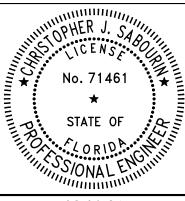
FIELD ALTERATION ENGINEERING PRIOR TO MAKING ANY STRUCTU FIELD MODIFICATIONS WHICH MAY VARY FROM T INTENT OF THE ORIGINAL CONSTRUCT DOCUMENTS. ANY FIELD ALTERATIONS MADE PR TO BEING APPROVED BY CHRISTOPHER SABOUR MAY RESULT IN ADDITIONAL ENGINEERING C INSPECTION FEES. SCALING NOT SCALE DIMENSIONS FROM DRAWINGS. IF A DIMENSION IS UNCLEAR REFER THE ARCHITECTURAL DRAWINGS OR CONTACT

**DESIGN** CRITERIA AND **GENERAL** 

SHEET

SHEET





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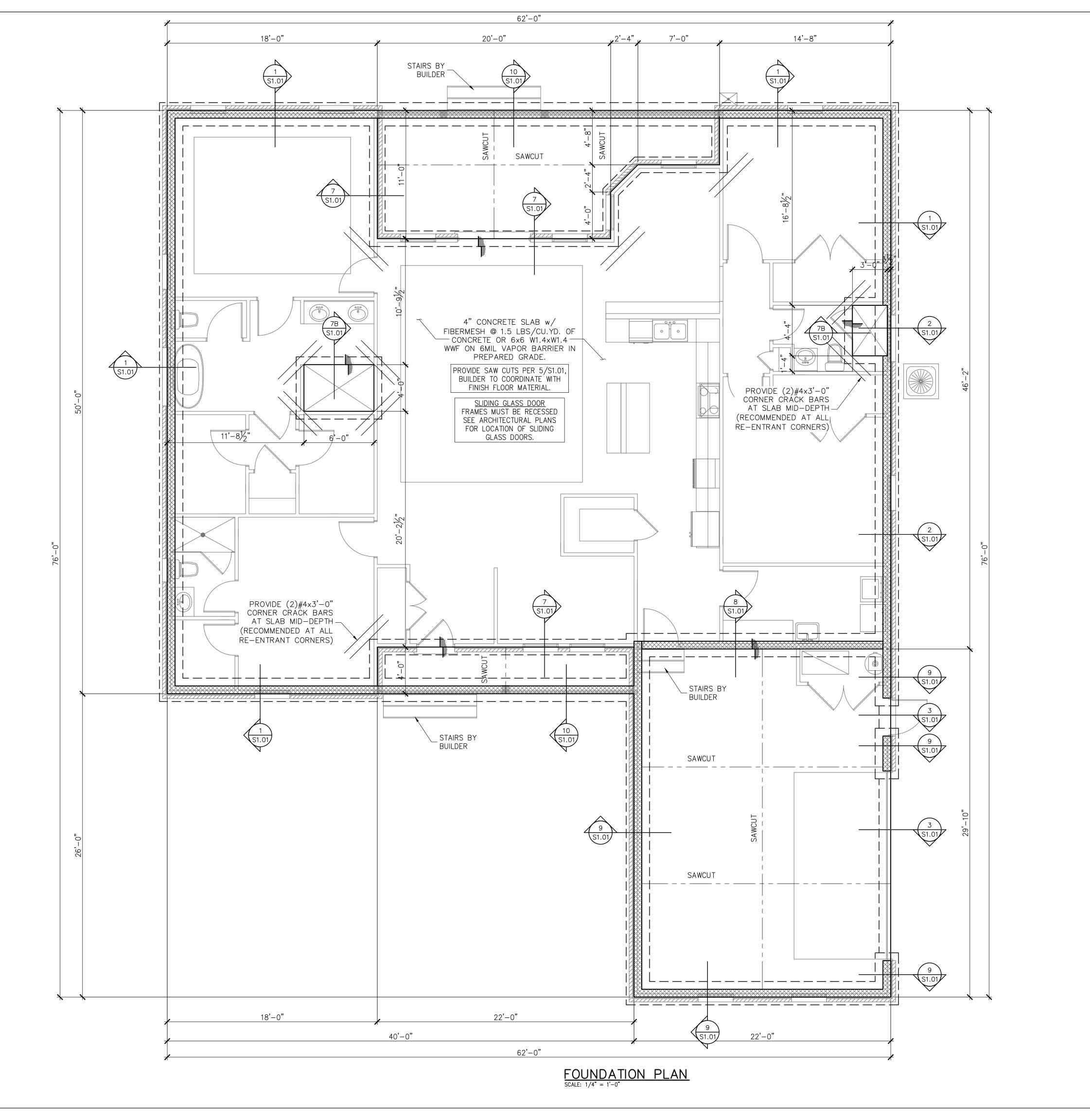
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> **TYPICAL** FRAMING **DETAILS**

SHEET SHEET 2 OF



| FOUNDATION LEGEND      |                             |  |  |
|------------------------|-----------------------------|--|--|
|                        |                             |  |  |
|                        | DESIGNATES FOOTING LINE     |  |  |
| DESIGNATES SAWCUT LINE |                             |  |  |
|                        | DESIGNATES STEMWALL         |  |  |
|                        | DESIGNATES SLAB STEP RECESS |  |  |

|                          | DESIGN | DESIGNATES SLAB STEP RECESS |             |
|--------------------------|--------|-----------------------------|-------------|
| FOOTING SCHEDULE         |        |                             |             |
| TYPE                     | DEPTH  | WIDTH                       | BOTTOM BARS |
| F2.0                     | 1'-0"  | 2'-0"x2'-0"                 | (3) #5 EW   |
| F2.5                     | 1'-0"  | 2'-6"x2'-6"                 | (3) #5 EW   |
| F3.0                     | 1'-0"  | 3'-0"x3'-0"                 | (3) #5 EW   |
| F3.5                     | 1'-0"  | 3'-6"x3'-6"                 | (4) #5 EW   |
| F4.0                     | 1'-4"  | 4'-0"x4'-0"                 | (4) #5 EW   |
| GENERAL FOUNDATION NOTES |        |                             |             |

- THIS FOUNDATION PLAN ONLY CONVEYS STRUCTURAL INFORMATION. SEE ARCH FOR DIMENSIONS
- 2. SEE GENERAL NOTES AND SPECIFICATIONS ON **S0.0** FOR FEATURES NOT INCLUDED WITHIN THIS PLAN.
- . FOOTINGS AND FOUNDATIONS SHALL BE IN ACCORDANCE WITH LOCAL BUILDING CODES
- 4. SOIL COMPACTION AND FILL SHALL BE COMPACTED TO A MIN. OF 95% MODIFIED PROCTOR IN ACCORDANCE WITH ASTM D 1557.

CONTRACTOR TO VERIFY DIMENSIONS

| المالية                                | No. 71461  STATE OF | William Contraction of the Contr |
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| ************************************** | No. 71461<br>★      | **   |
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PATEL RESIDENCE

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STRUCTURAL ENGINEERING FOR PATEL RESIDENCE LAKE CITY, FL

PROJECT ENGINEER

FIELD ALTERATION

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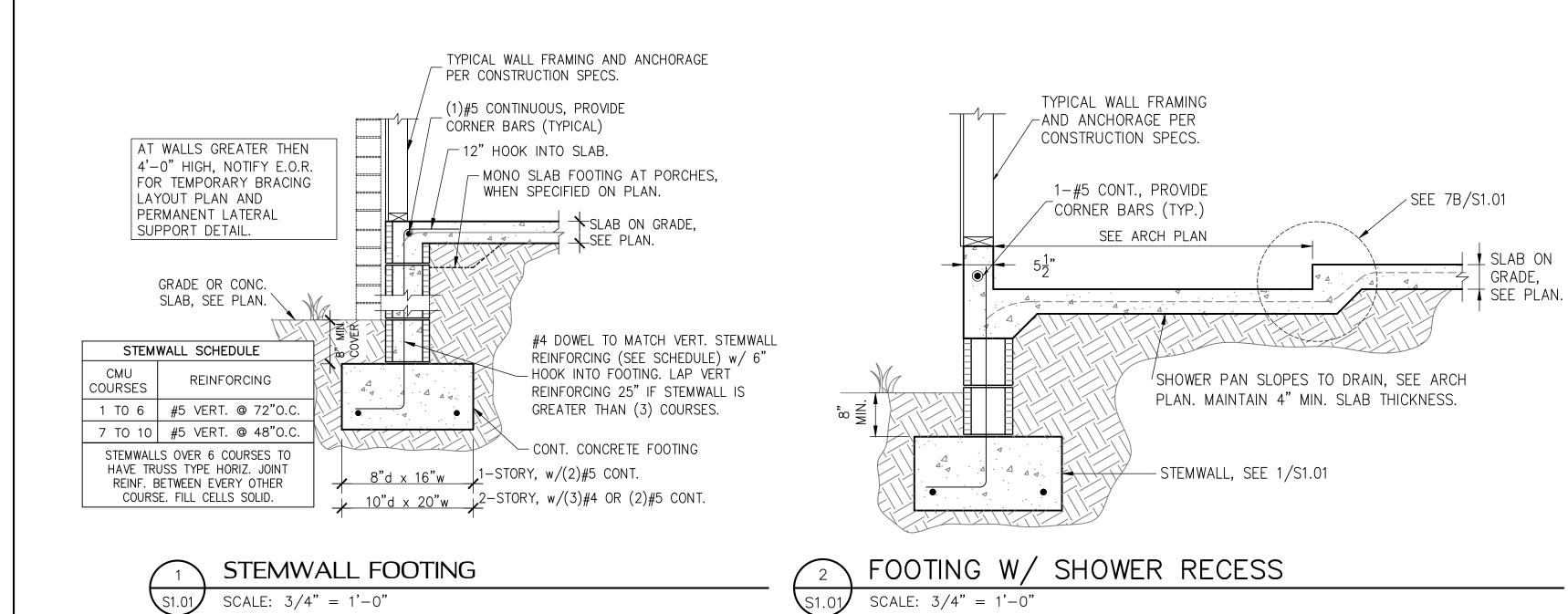
SCALING

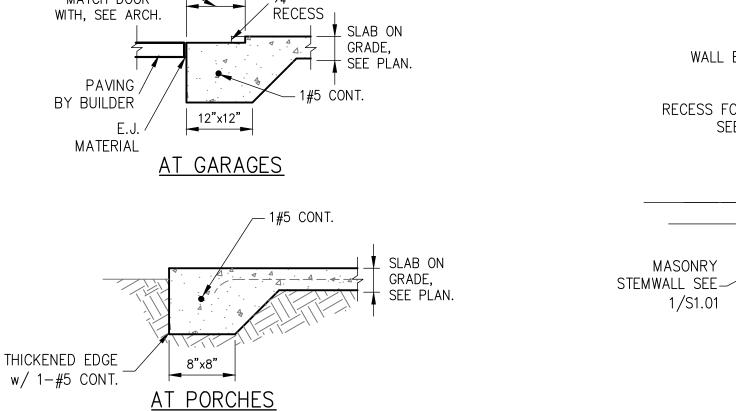
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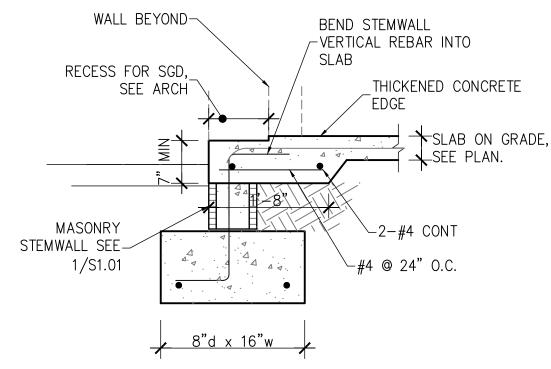
FOUNDATION PLAN

> SHEET S1.0

**SHEET** 3 **OF** 7









8" CMU OPEN BOTTOM LINTEL

GRADE

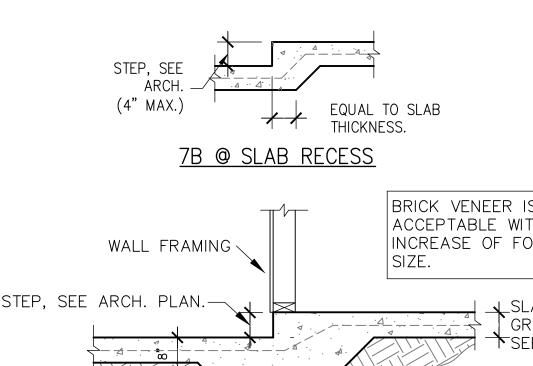
SEE PLAN

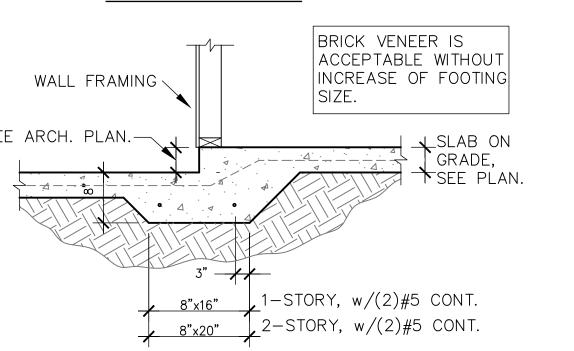
- BLOCK w/(1)#5 CONT

- STEP, SEE ARCH

EXPANSION JOINT

MATERIAL





THICKENED SLAB

SCALE: 3/4" = 1'-0"



SEE 1/S0.3

FOR STEMWALL

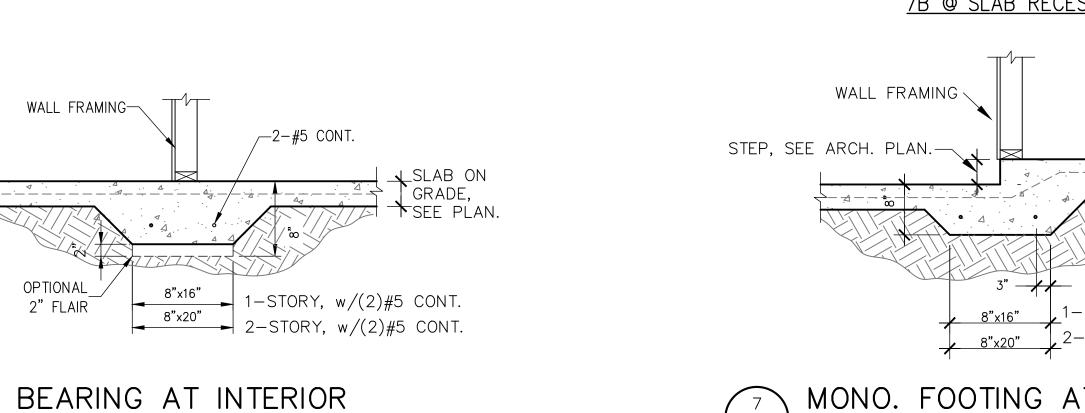
AND FTG SPEC\$

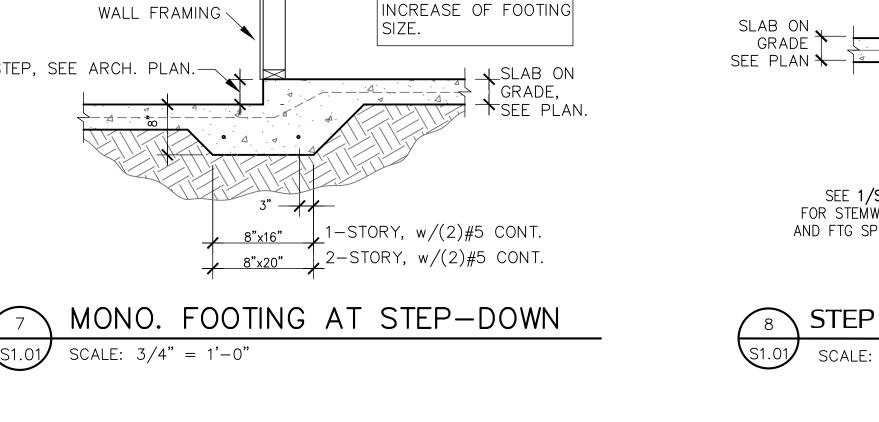
12" HOOK -

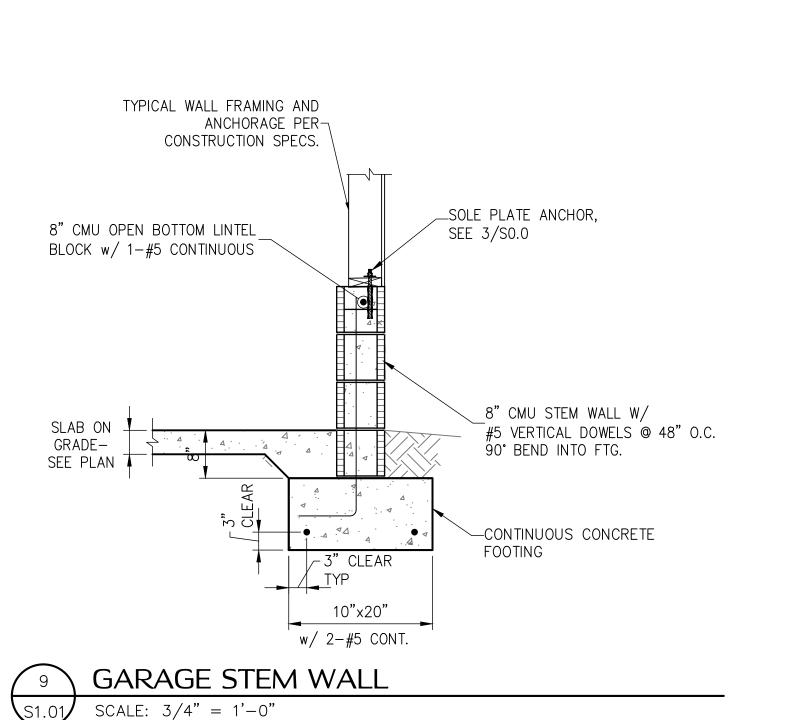
INTO SLAB.

× · · · ×

SLAB ON GRADE \*







SLAB ON GRADE,

1" DEEP SAWCUT w/

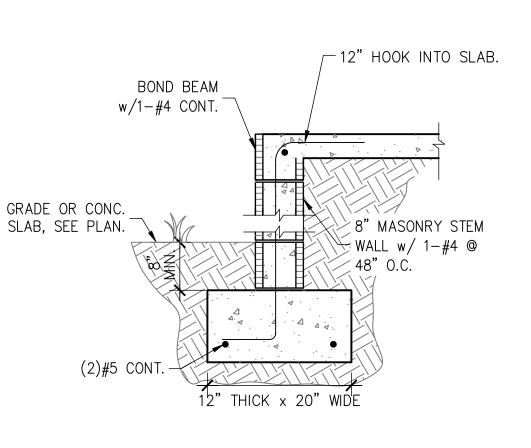
1) PROVIDE SAWCUTS TO CREATE

APPROXIMATE 12' X 12' MAX. SQ.

SAWCUT CONC. SLAB WITHIN 4 TO 12 HOURS OF CONC. PLACEMENT.

SAW CUT DETAIL

SCALE: 3/4" = 1'-0"



SCALE: 3/4" = 1'-0"





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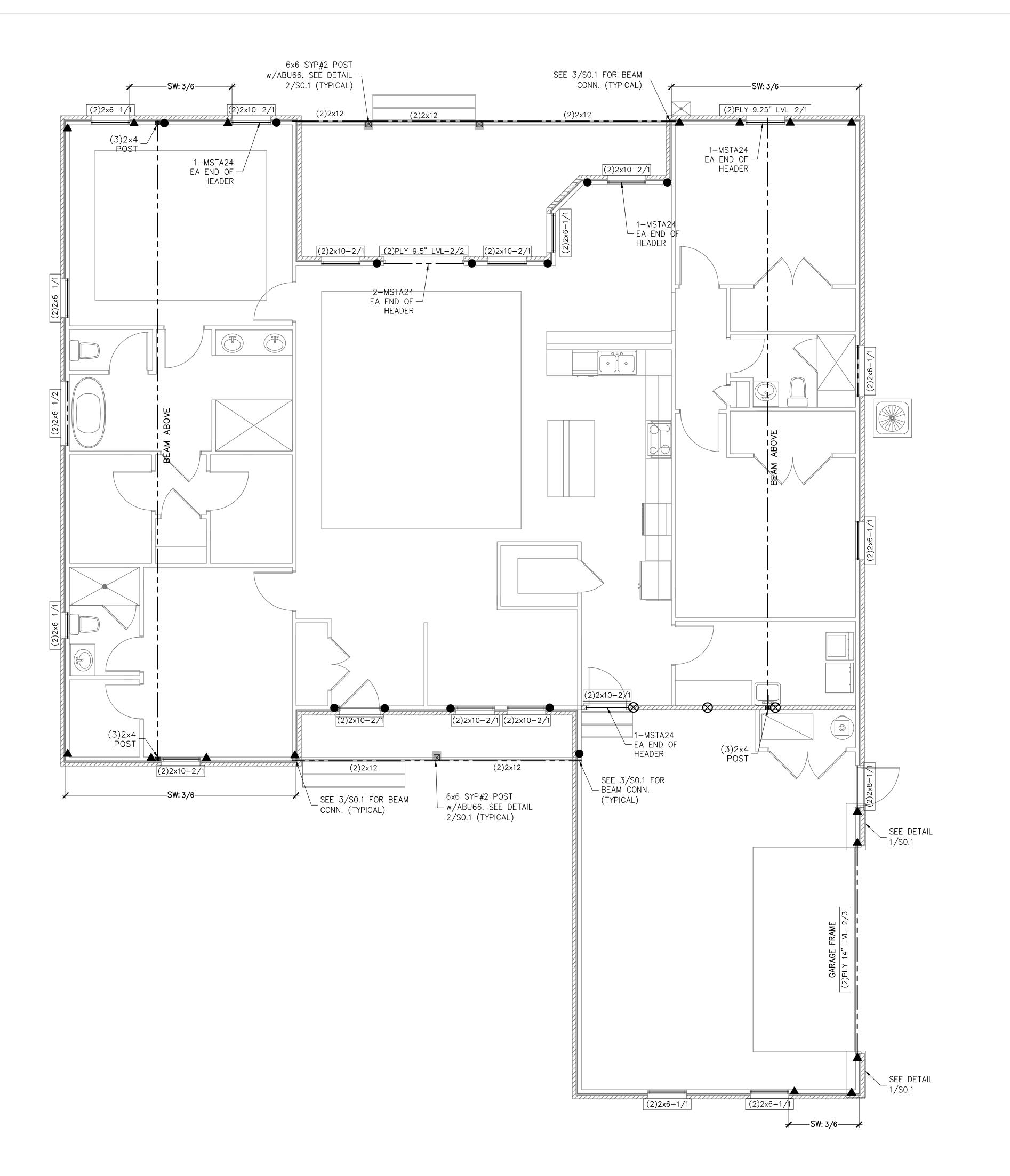
| PROJECT ENGINEER |  |
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| CS               |  |

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|----|---|
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|    | SCALING   |

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| OUNDATION |
|-----------|
| DETAILS   |

SHEET SHEET 4 OF 7



SYMBOLS LEGEND DESIGNATES OSB SHEARWALL. THE HIDDEN LINE DESIGNATES SIDE OF WALL THE SHEARWALL SHEATHING TO BE APPLIED. 8d @

B DESIGNATES 8d COMMONS @ 3" O.C. EDGE & 6" O.C. "IN THE FIELD" DESIGNATES THE NUMBER OF PLY'S, HEADER SIZE & JACK/KING STUDS NEEDED FOR SUPPORT HEADER.

BEAM OR TRUSS, SEE PLAN

ANCHOR LEGEND

38" A307 DIAMETER FULL HEIGHT THREADED ROD, SEE DETAIL 12/SO.1 %" A307 DIAMETER FULL HEIGHT THREADED ROD, SEE DETAIL 12/S0.1

%" A307 DIAMETER THREADED ROD TERMINATES AT FIRST FLOOR TOP PLATE, SEE DETAIL 12/S0.1 %" A307 DIAMETER THREADED ROD TERMINATES AT FIRST FLOOR TOP PLATE, SEE DETAIL 12/S0.1

SIMPSON HTT5 SEE DETAIL 15/S0.1

SIMPSON DTT2Z SEE DETAIL 15/S0.1

SIMPSON LTT20B SEE DETAIL 15/S0.1

WALL STUD SCHEDULE LOCATION & SPACING 2x4 SPF#2 @ 16" O.C. EXTERIOR 2x6 SPF#2 @ 16" O.C. <u>or</u> 2x4 SPF#2 @ 12" O.C. EXTERIOR 10'-1 TO 14'-0' 2x6 SPF#2 @ 16" O.C. EXTERIOR INTERIOR 2x4 SPF#2 @ 16" O.C. 12'-0" 2x6 SPF#2 @ 16" O.C. or MAX 2x4 SPF#2 @ 12" O.C. INTERIOR

STUD NOTES:

1.) WALL STUDS SPECIFIED ON PLAN SUPERSEDE THIS TABLE 2.) MINIMUM STUD SIZE AND SPACING ARE SHOWN. CONTRACTOR MAY INCREASE STUD SIZE TO MEET ARCHITECTURAL REQUIREMENTS. 5.) SPF DENOTES SPRUCE PINE FIR.. SYP DENOTES SOUTHERN YELLOW

4.) USE SYP#2 FOR ALL TOP PLATES AND SOLE PLATES. 5.) FASTEN BOTTOM PLATE OF INTERIOR LOAD BEARING WALLS TO CONCRETE SLAB w/16d MASONRY CUT NAILS @ 16" O.C. MINIMUM. SEE 3/SO.0 FOR ADDITIONAL ANCHORS AT SHEARWALLS

#### COMBINED USE PANEL NOTES

1. EXTERIOR WALL SHEATHING SHALL BE CONTINUOUS FROM BOTTOM PLATE TO UPPER MOST TOP PLATE. SEE DETAIL /SO.1 FOR SHEATHING SPLICE LOCATIONS FOR MULTI STORY CONDITIONS

2. SEE SHEET SO.O FOR WALL SHEATHING SPECIFICATIONS. 3. UPPER MOST TOP PLATE SUPPORTING ROOF MEMBERS SHALL BE STRAPPED AS SHOWN IN DETAIL 1/SO.0 4. INSTALL SOLE PLATE ANCHORS PER DETAIL 3/SO.0

## GENERAL NOTES

1. SEE DETAIL 2/SO.O FOR WALL FRAMING DETAIL. SEE WALL STUD SCHEDULE THIS SHEET FOR STUD SIZES AND SPACING. AT GIRDERS AND BEAMS, PROVIDE STUDS BELOW TO MATCH BEAM/GIRDER PLIES.

2. SEE SHEET SO.O FOR ROOF AND FLOOR SHEATHING SPECIFICATIONS.

3. WHERE FRAMING MEMBERS CONSIST OF MULTIPLE PLIES (BEAMS, HEADER, AND STUDS) FASTEN PLIES TOGETHER PER DETAIL 6/SO.0

4. INSTALL SOLE PLATE ANCHORS PER DETAIL 3/SO.0 5. AT SHEARWALLS, PROVIDE DIAPHRAGM ATTACHMENT PER DETAIL 5/SO.1

6. FOR ATTACHMENT OF EXTERIOR WALLS THAT TERMINATE BETWEEN TRUSSES, SEE 5A/S0.1

7. AT PORCHES, SEE DETAIL 2/SO.1 FOR FRAMING AND HOLD

## SOLE PLATE ANCHOR SPACING SCHD

| ALL EXTERIOR WALL<br>UNLESS OTHER NOTED | 42" O.C.                         |
|---|----------------------------------|
| SHEARWALLS<br>(SW 8d@3"/6")             | 24" O.C.                         |
| SOLE PLT @ #                            | WHEN NOTED ON PLAN<br>SEE NOTE 2 |

INSTALL SOLE PLATE ANCHORS PER DETAIL 3/SO.0 ANCHOR SPACING SHALL BE AS NOTED. FOR EXAMPLE - SOLE PLT @ 36" = 36" ON-CENTER SPACING

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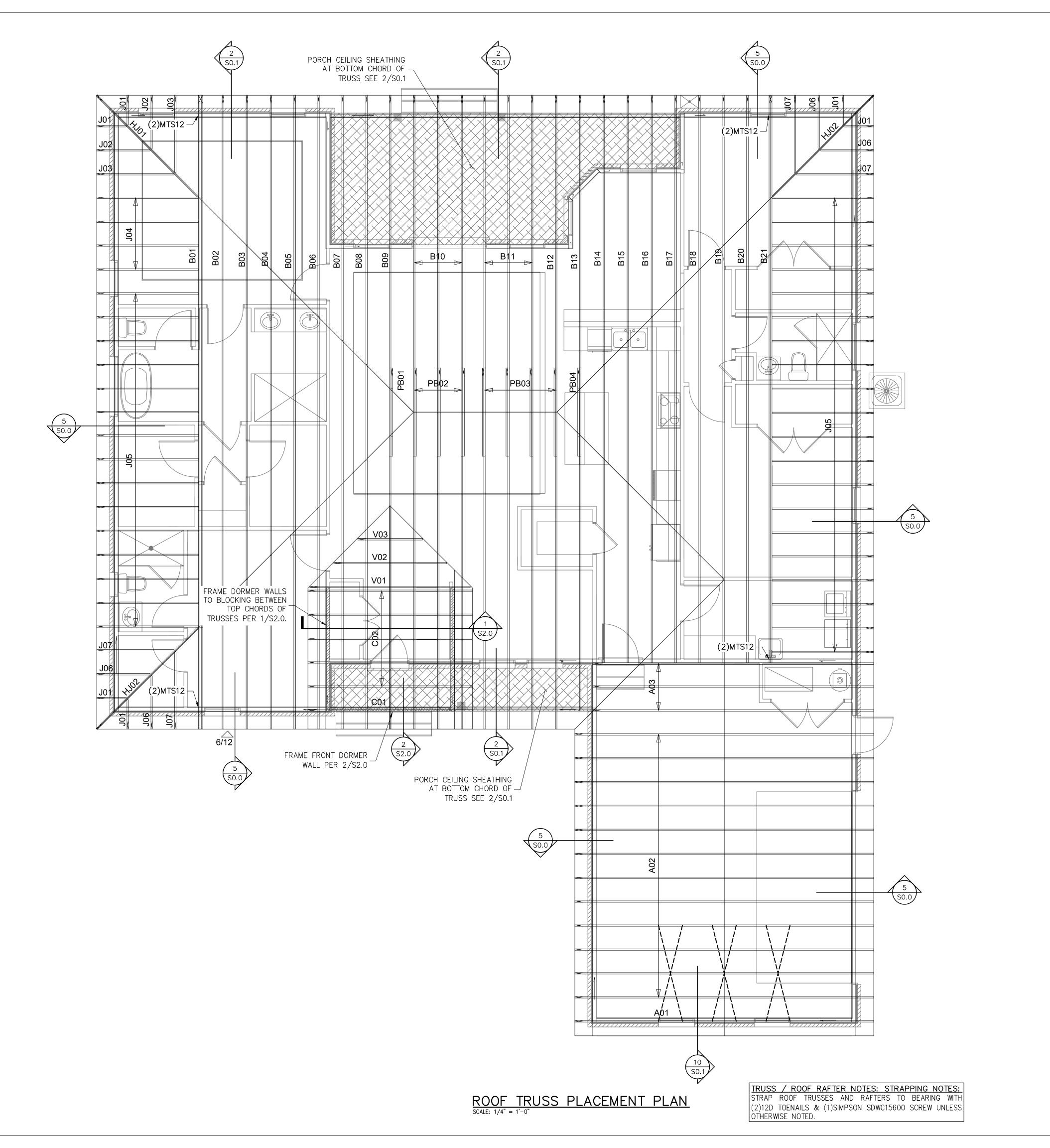
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> WALL **FRAMING** PLAN

SHEET **SHEET** 5 **OF** 7





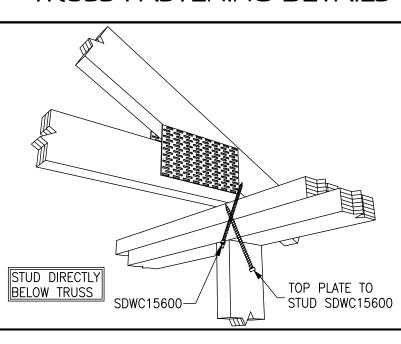
DESIGNATES UPLIFT CONNECTION.

FRAMING PLAN NOTES:
1. FOR TYPICAL ROOF SHEATHING AND FRAMING, SEE SHEET SO.0 2. FOR SPECIFIC UPLIFT CONNECTORS, SEE PLAN. MIN. (1)SDWC CONNECTOR.

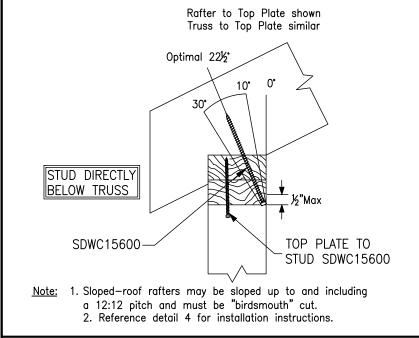
3. FOR GENERAL DESIGN SPECIFICATIONS SEE SHEET SO.0

4. WHEN USING (2)H2.5T CLIPS ON 11/2" WIDE LUMBER, PLACE CLIPS DIAGONALLY ACROSS DOUBLE TOP PLATE FROM EACH OTHER.

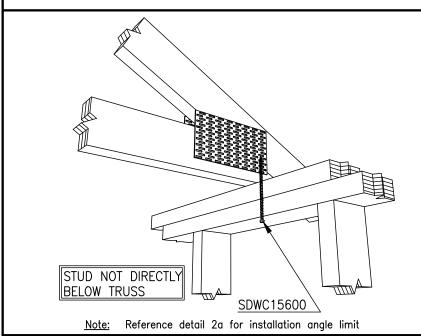
## TRUSS FASTENING DETAILS



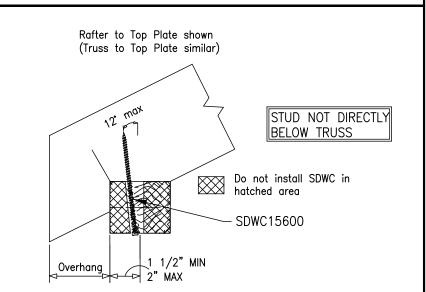
# TRUSS TIE DOWN WITH SIMPSON SDWC



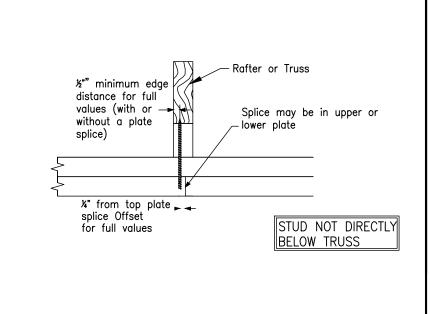
### SIMPSON SDWC INSTALLATION RANGE



## SDWC INSTALLATION



# SDWC INSTALLATION RANGE



SDWC AT TOP PLATE SPLICE

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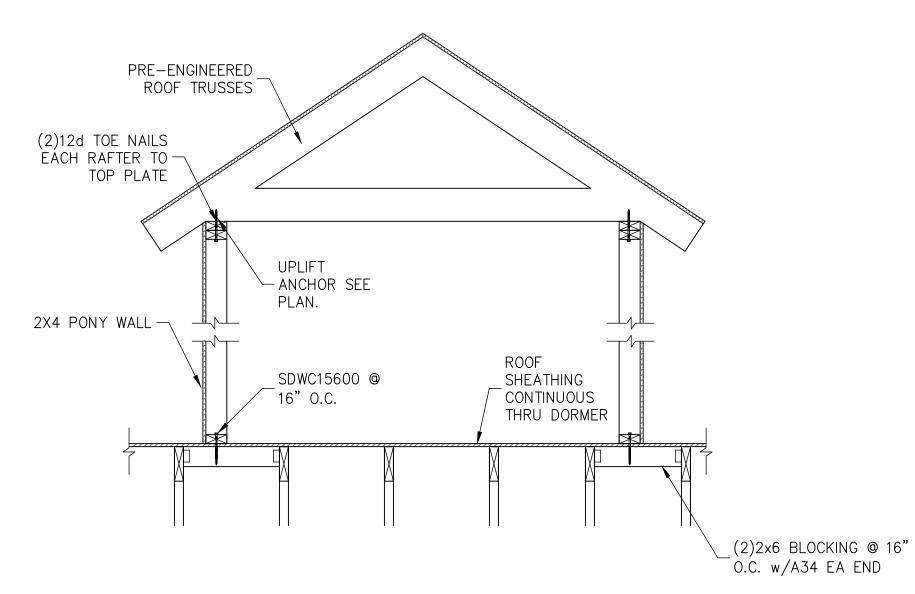
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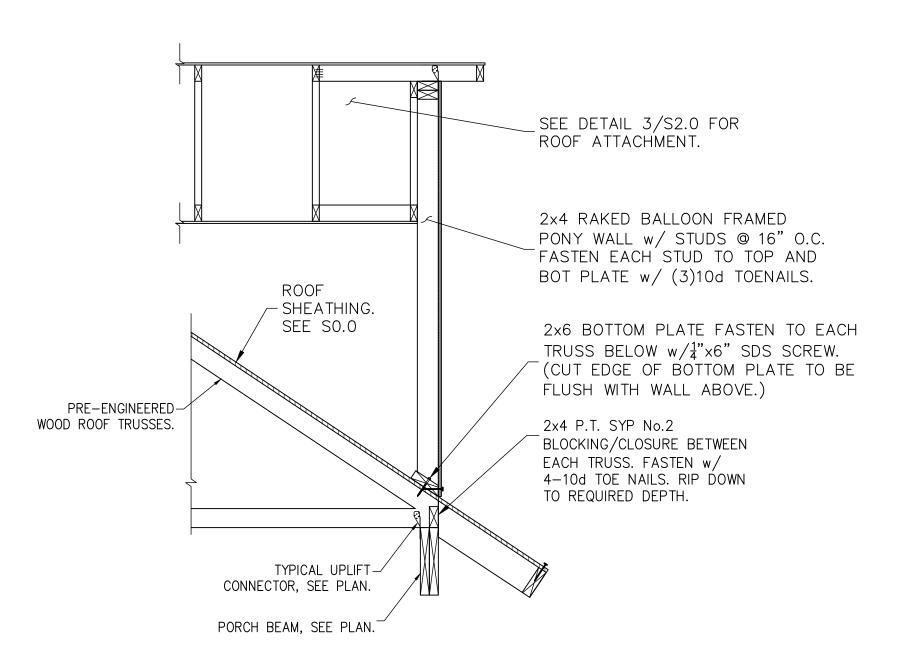
> ROOF FRAMING PLAN

SHEET **SHEET** 6 **OF** 7

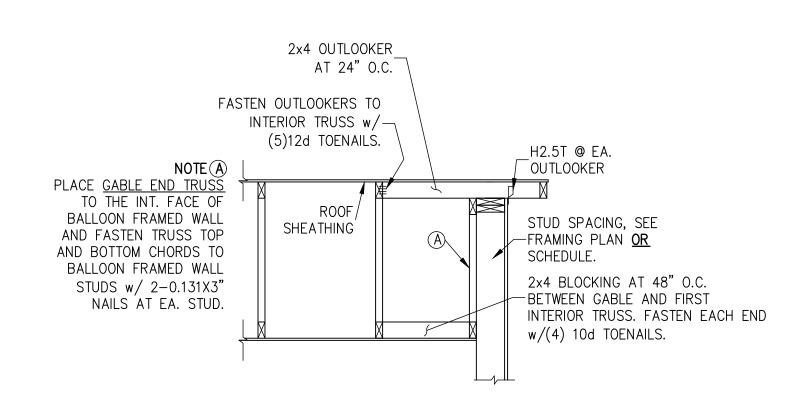


DORMER ROOF FRAMING.

SCALE: N.T.S.







BALLOON FRAMED WALL w/ GABLE TRUSS

SCALE: 3/4" = 1'-0"

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STRUCTURAL ENGINEERING FOR PATEL RESIDENCE LAKE CITY, FL

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MISC DETAILS

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