

STATE OF

06.04.21 Christopher | Sabourin FL PE#71461

> SABO STRUCTURAL ENGINEERING CA#32529 235 9TH AVE N JAX BEACH, FL 32250 904-712-5750

CHRIS@SABOENG.COM PLAN NAME **BZEC** SSE No. 21-0314

DATE ISSUE

06.04.21 PERMIT DATE

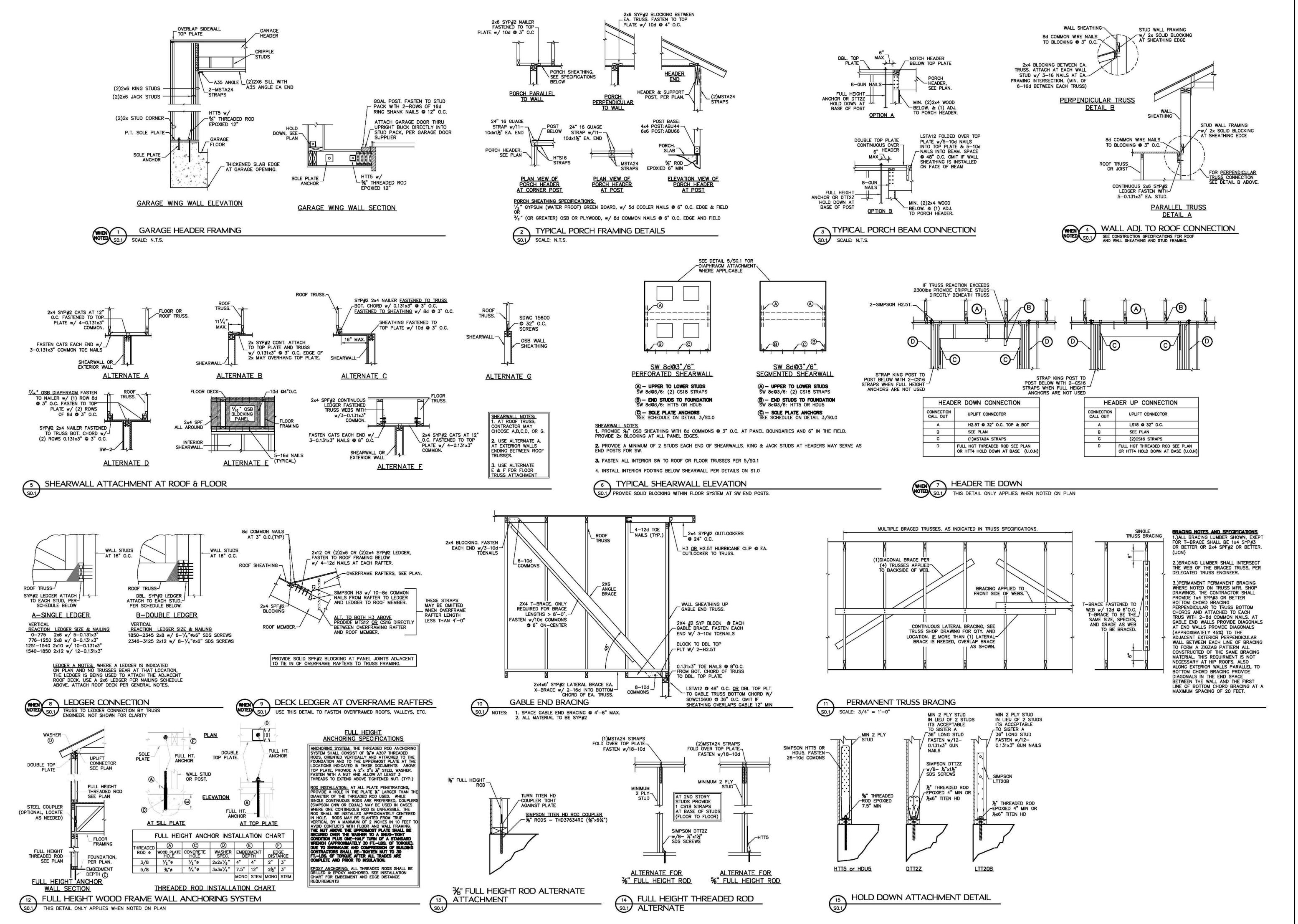
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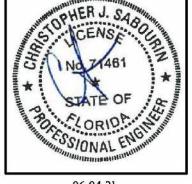
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DESIGN CRITERIA **GENERAL**





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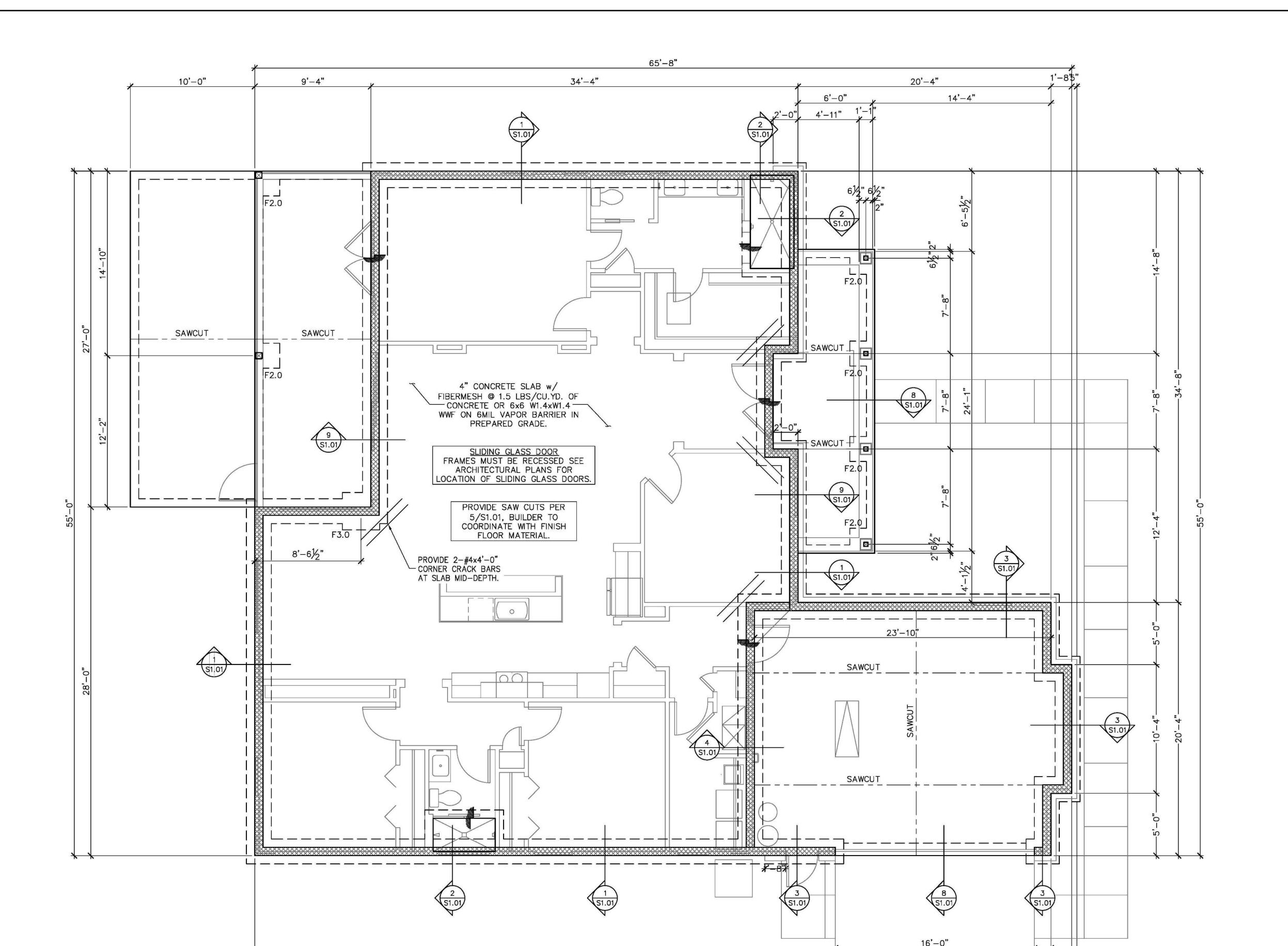
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> **TYPICAL FRAMING DETAILS**

SHEET 2 OF 7



SYMBOLS LEGEND ———— DESIGNATES FOOTING LINE ____ DESIGNATES SAWCUT LINE DESIGNATES SLAB RECESS

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FOOTING SCHEDULE AND NOTES

BOTTOM BARS

3-#5 EA. WAY BOT.

3-#5 EA. WAY BOT.

3-#5 EA. WAY BOT.

4-#5 EA. WAY BOT.

4-#5 EA. WAY BOT.

WIDTH DEPTH

2'-0" 1'-0"

2'-6" 1'-0"

3'-0" 1'-0"

3'-6" 1'-0"

4'-0" 1'-0"

F4.5 4'-6" 4'-6" 1'-0" 4-#5 EA. WAY BOT.

1. THIS FOUNDATION PLAN ONLY CONVEYS STRUCTURAL INFO. RELATED TO THE FOUNDATION. FOR GENERAL FEATURES, DIMENSIONS, CONDUITS, ELECTRICAL EMBEDS, STEP HEIGHTS, ECT., SEE ARCH. PLAN. ARCHITECTURAL PLAN SHOWN HERE IN FOR

3. SOIL COMPACTION AND FILL SHALL BE COMPACTED TO A MIN. OF 95% MODIFIED PROCTOR IN ACCORDANCE WITH ASTM D 1557.

2. FTGS. & FND. SHALL BE IN ACCORDANCE w/ LOCAL BUILDING CODES.

TYPE LENGTH

3'-6"

4'-0"

FOUNDATION PLAN

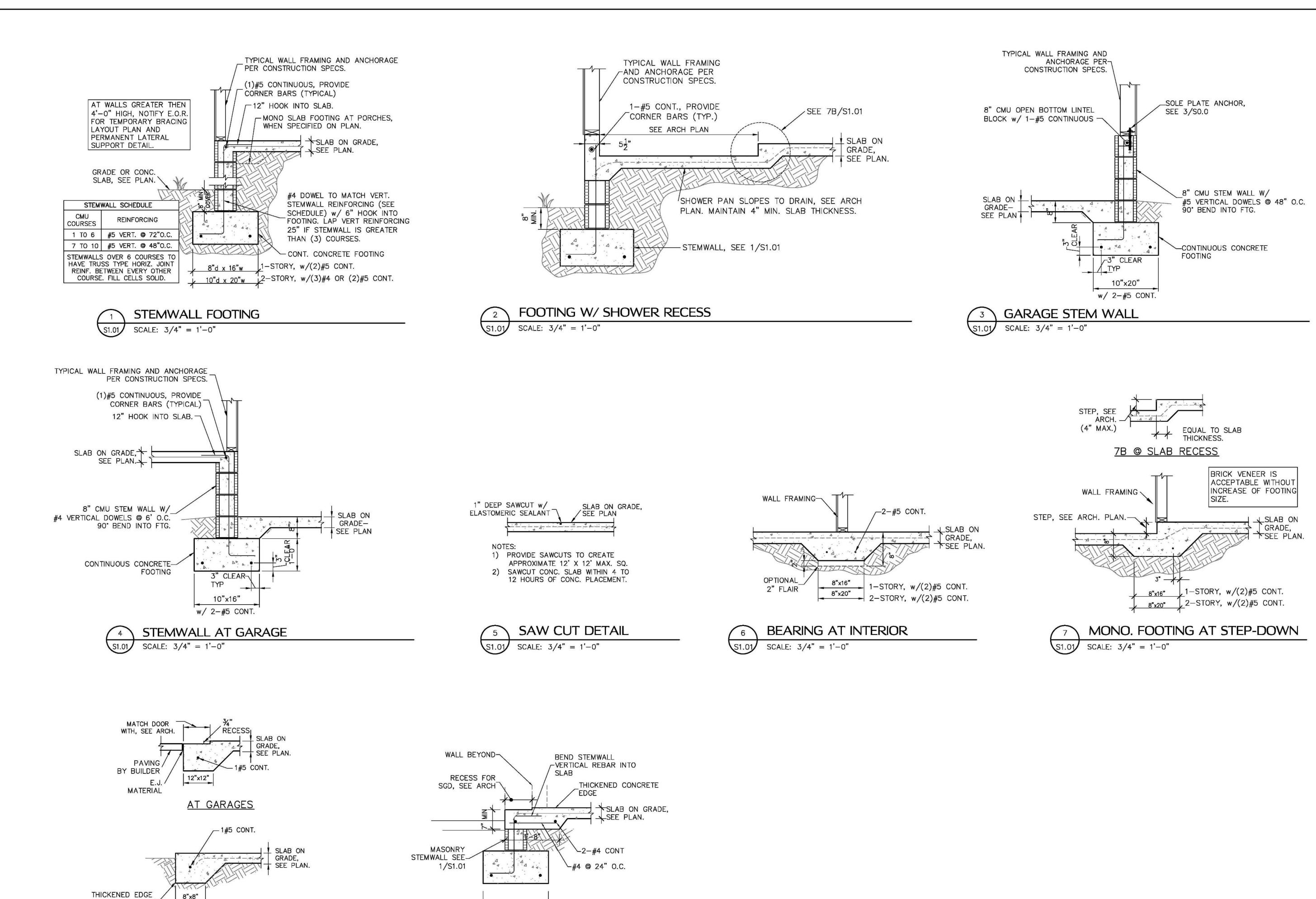
SHEET 3 OF 7

FOUNDATION PLAN

64'-0"

65'-8"

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



8"d x 16"w

STEMWALL FOOTING AT SLIDER

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

w/ 1-#5 CONT.

AT PORCHES

THICKENED SLAB

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

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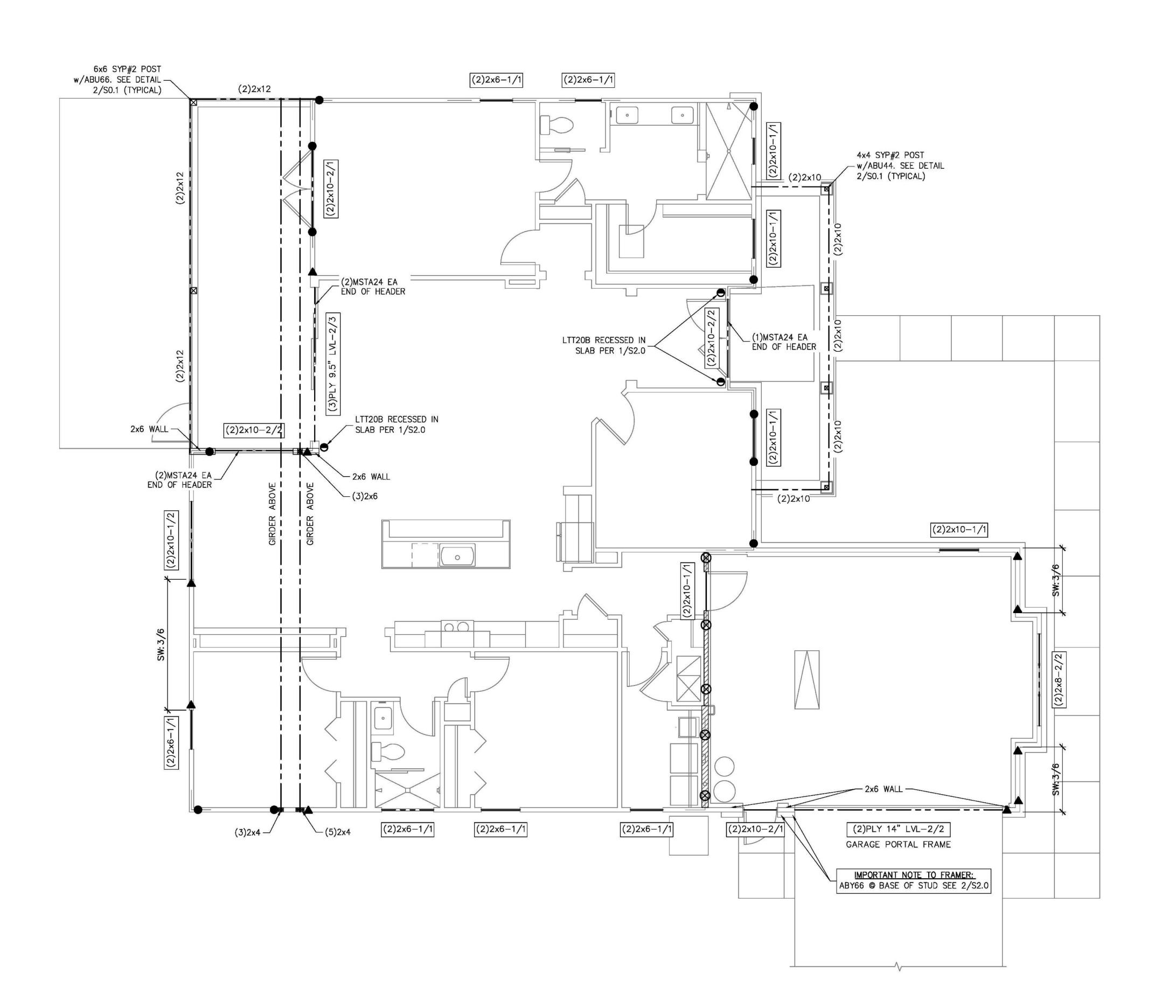
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FOUNDATION DETAILS

> **S1.01** SHEET 4 OF 7



SYMBOLS LEGEND

DESIGNATES OSB SHEARWALL. THE HIDDEN LINE DESIGNATES SIDE OF WALL THE SHEARWALL SHEATHING TO BE APPLIED. 8d @ 1 DESIGNATES 8d COMMONS @ 3" O.C. EDGE & 6" O.C. "IN THE FIELD"

DESIGNATES THE HEADER SIZE, NUMBER OF PLY'S & JACK/KING STUDS NEEDED

DESIGNATES THE HEADER SIZE, NUMBER OF PLY'S & JACK/KING STUDS NEEDED FOR SUPPORT HEADER.

BEAM OR TRUSS, SEE PLAN

ANCHOR LEGEND

307 DIAMETER FULL HEIGHT THREADED ROD, SEE DETAIL 12/S0.1

58" 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

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

SIMPSON HTT5 SEE DETAIL 15/S0.1

SIMPSON LTT20B SEE DETAIL 15/S0.1

SIMPSON DTT2Z SEE DETAIL 15/SO.1

 WALL STUD SCHEDULE

 LOCATION
 PLATE HEIGHT
 STUD SIZE SPACING

 EXTERIOR
 9'-1" 2x4 SPF#2 16" O.C.

 EXTERIOR
 10'-1 2x6 SPF#2 16" O.C.

 EXTERIOR
 10'-1 TO 2x4 SPF#2 12" O.C.

 EXTERIOR
 10'-1 TO 14'-0" 2x6 SPF#2 16" O.C.

 INTERIOR
 10'-0" 2x4 SPF#2 16" O.C.

 INTERIOR
 12'-0" 2x6 SPF#2 16" O.C.

 INTERIOR
 12'-0" 2x6 SPF#2 16" O.C.

 INTERIOR
 12'-0" 2x6 SPF#2 16" O.C.

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.

3.) SPF DENOTES SPRUCE PINE FIR., SYP DENOTES SOUTHERN YELLOW PINE.

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.O 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 1/SO.1 FOR SHEATHING SPLICE LOCATIONS FOR MULTI STORY CONDITIONS

2. SEE SHEET SO.0 FOR WALL SHEATHING

3. UPPER MOST TOP PLATE SUPPORTING ROOF MEMBERS SHALL BE STRAPPED AS SHOWN IN DETAIL 1/SO.0

SPECIFICATIONS.

4. INSTALL SOLE PLATE ANCHORS PER DETAIL

GENERAL NOTES

1. SEE DETAIL 2/SO.0 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/S0.0

5. AT SHEARWALLS, PROVIDE DIAPHRAGM ATTACHMENT PER DETAIL 5/S0.1

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

7. AT PORCHES, SEE DETAIL 2/S0.1 FOR FRAMING AND HOLD DOWNS

SOLE PLATE ANCHOR SPACING SCHD

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

 INSTALL SOLE PLATE ANCHORS PER DETAIL 3/S0.0

2. ANCHOR SPACING SHALL BE AS NOTED. FOR EXAMPLE - SOLE PLT @ 36" = 36" ON-CENTER SPACING

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STRUCTURAL ENGINEERING FOR THE ELLIOT RESIDENCE

FIELD ALTERATION

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SCALING

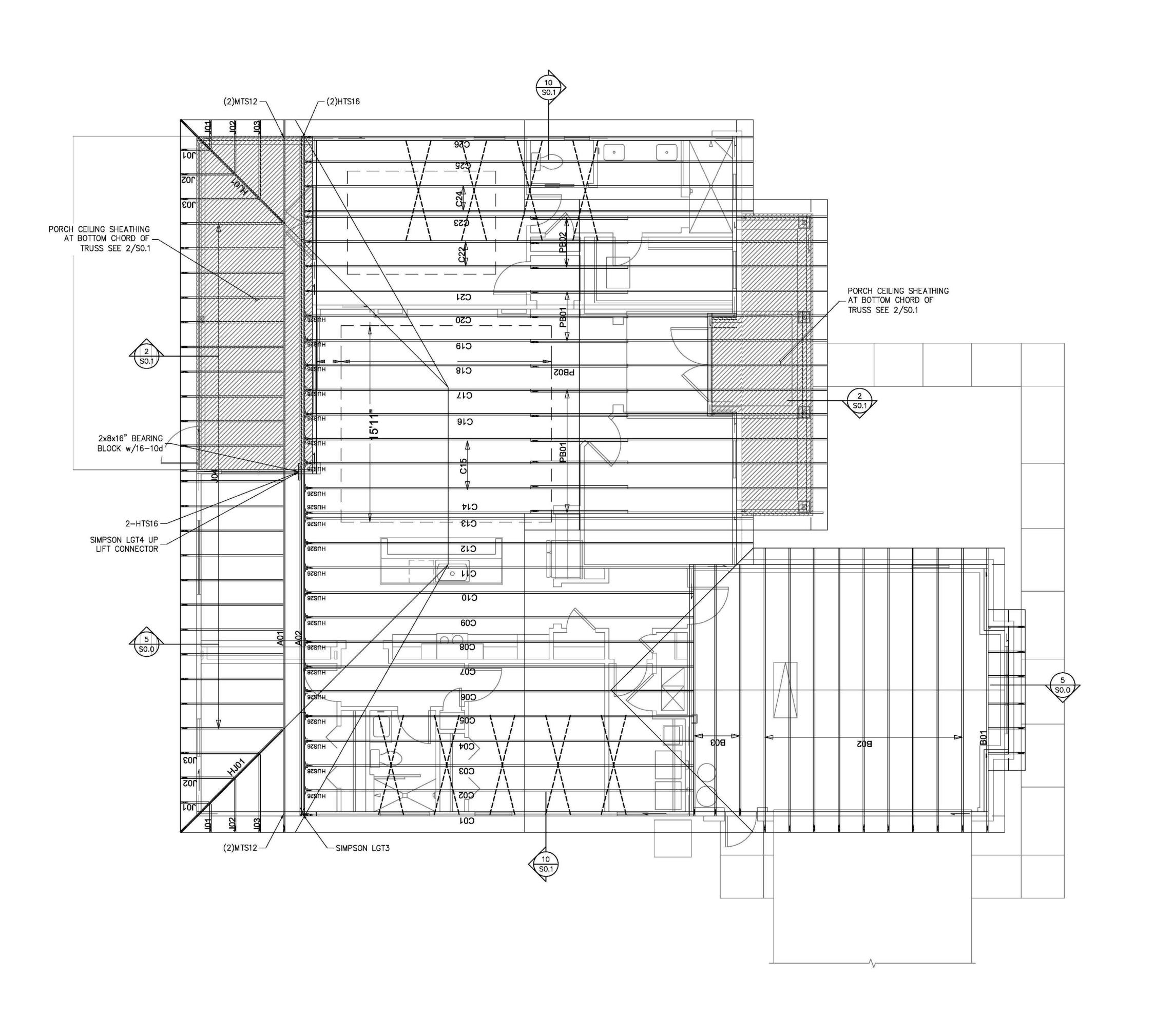
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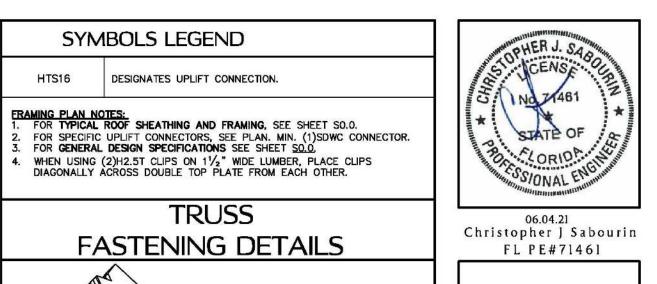
FIRST FLOOR FRAMING PLAN

SHEET

S1.1

SHEET 5 OF 7





SABO TOP PLATE TO STUD SDWC15600 STRUCTURAL ENGINEERING CA#32529 TRUSS TIE DOWN WITH SIMPSON SDWC 235 9TH AVE N JAX BEACH, FL 32250 904-712-5750

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SIMPSON SDWC INSTALLATION RANGE STUD NOT DIRECTLY BELOW TRUSS

Note: Reference detail 2a for installation angle limit

Note: 1. Sloped—roof rafters may be sloped up to and including a 12:12 pitch and must be "birdsmouth" cut.

2. Reference detail 4 for installation instructions.

Rafter to Top Plate shown Truss to Top Plate similar

TOP PLATE TO

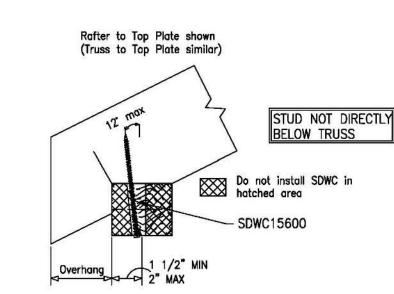
STUD SDWC15600

SDWC INSTALLATION

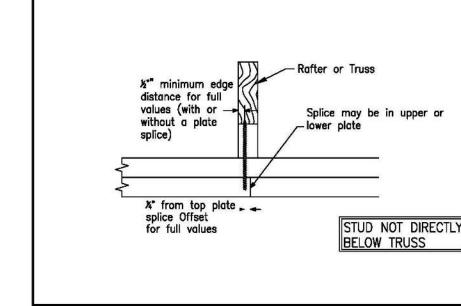
STUD DIRECTLY BELOW TRUSS

STUD DIRECTLY BELOW TRUSS

SDWC15600-



SDWC INSTALLATION RANGE



SDWC AT TOP PLATE SPLICE

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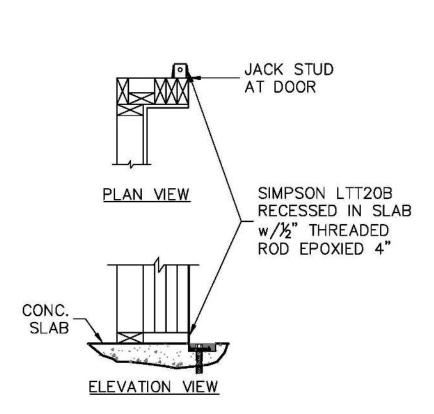
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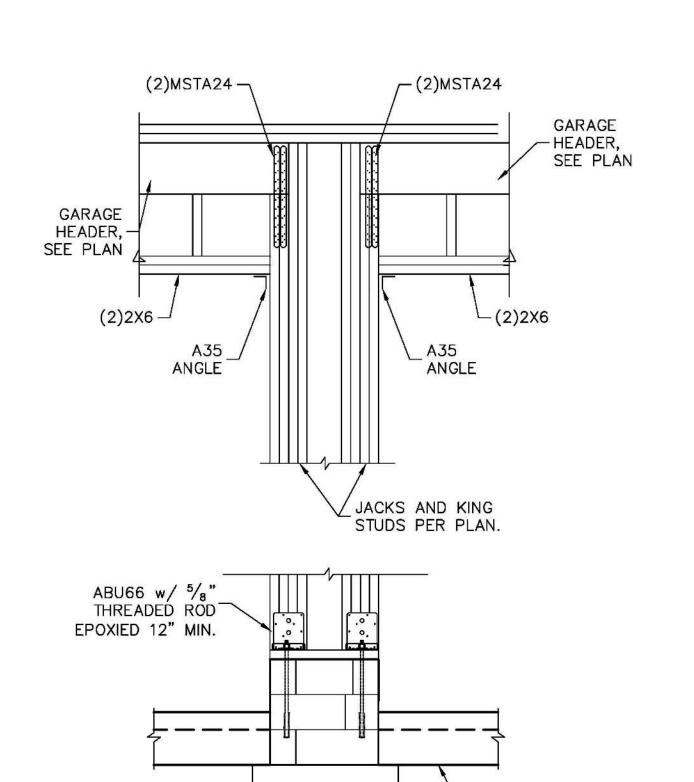
ROOF TRUSS PLACEMENT PLAN

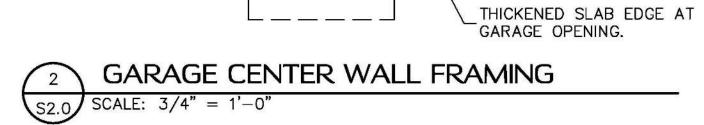
SHEET 6 OF 7

FIRST LEVEL TRUSS FRAMING PLAN SCALE: 1/4" = 1'-0"











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MISC DETAILS

S2.0