DESIGN CRITERIA AND LOADS

Building Code 2010 Florida Building and Residential Codes	
Code for Design Loads ANSI/ASCE 7-10	
ROOF LOADING ¹	C _d = 1.25
TOP CHORD LIVE LOAD	
TOP CHORD DEAD LOAD	
BOTTOM CHORD LIVE LOAD	
ATTICS WITH LIMITED STORAGE	20 PSF (PER FRC)
ATTICS WITHOUT STORAGE	
ATTIOO WITHOUT OT OT OUT TO E	(NON-CONCURRENT
BOTTOM CHORD DEAD LOAD	5 PSF
WIND LOADING	C ₄ = 1.60
ASCE 7-10, 3S GUST	
BASIC WIND SPEED	120 1411 11
EXPOSURE CATEGORY	C
BUILDING CATEGORY	
ENCLOSURE CLASSIFICATION	ENCLOSED
INTERNAL PRESSURE COEFF	0.16
C&C DESIGN PRESSURES	(SEE TABLE 1)
FLOOR LOADING	C _d = 1.00
TOP CHORD LIVE LOAD	
TOP CHORD DEAD LOAD	
BOTTOM CHORD LIVE LOAD	
BOTTOM CHORD DEAD LOAD	
SPECIAL FLOOR (GAME ROOM) LOADING	C _d = 1.00
TOP CHORD LIVE LOAD	
TOP CHORD DEAD LOAD	
BOTTOM CHORD LIVE LOAD	
BOTTOM CHORD DEAD LOAD	
MAXIMUM FLOOR TRUSS SPACING	
DESI ECTION OBITEDIA	
DEFLECTION CRITERIA	11 /240
ROOF TRUSSES	
	TL / 180
	TL MAX 1" UP TO
	40' SPAN
OPEN WEB FLOOR TRUSSES/BEAMS	LL / 360
OF EIT TIED TEOOR TROODED/BEAMO	TL / 240
	TL MAX ¾"
WOOD I JOISTS	LL / 480
	TL / 240

1. CONCURRENTLY LOADED LIVE LOAD MAY BE REDUCED PER

TABLE 1: COMPONENT AND **CLADDING DESIGN PRESSURES**

EFFECTIVE		ZONE DES	SIGNATION	
WIND AREA	IZ - Interior	Zone (psf)	EZ - End Z	Zone (psf)
0 - 20 ft ²	+21.0	-22.8	+21.0	-28.1
21 - 50 ft ²	+20.0	-21.7	+20.0	-26.1
51 - 100 ft ²	+18.8	-20.5	+18.8	-23.6
101 - 200 ft ²	+17.8	-19.6	+17.8	-21.8
VINYL SOFFIT N	MAX PRESSUR	E (psf)	+20.0	-21.8
GARAGE DO	OR PRESSURE	E	SEE FRAM	IING PLAN

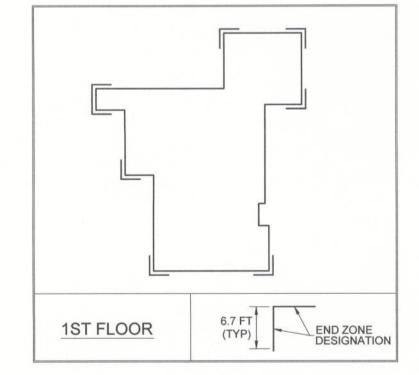


TABLE 2: WOOD STRUCTURAL PANEL SHEATHING REQUIREMENTS

OTES 3,	4	
ALL WALLS		OSB OR PLYWOOD PANEL EDGES REQUIRED TO LAP BOTTOM PLATE 1% " AND TOP MEMBER OF TOP PLATE. EDGE NAILING SHALL HAVE 3 " EDGE DISTANCE FROM EDGE OF PANEL.
AL EXTERIOR SHEATHING	FLEXIBLE VENEER - HARDI LAP & BRICK VENEER	MIN $^{7}\!\!/_{6}$ " 24/16 SPAN RATED OSB OR PLYWOOD INSTALLED HORIZONTAL OR VERTICAL W/ 8d COMMON: UNBLOCKED PANEL EDGE NAILING: 3" O.C. EDGES, 6" O.C. FIELD; BLOCKED PANEL EDGE NAILING: 3" O.C. EDGES, 12" O.C. FIELD
TYPICAL WALL SI	BRITTLE VENEER STUCCO	MIN $^{15}\!\!_{32}$ " 32/16 SPAN RATED OSB OR PLYWOOD INSTALLED VERTICALLY OR ($^{7}\!\!_{46}$ " $^{24}\!\!_{6}$ OSB OR PLYWOOD INSTALLED HORIZONTALLY) W/ 8d COMMON: 3" O.C. AT PANEL EDGES, 12" O.C. IN THE FIELD. 2x4 BLOCKING IS REQUIRED AT UNSUPPORTED PANEL EDGES.
DECK THING S 1,2)	TILE ROOF (NOTE 6)	MIN $^{15}\!\!/_{32}$ " 32/16 SPAN RATED PLYWOOD INSTALLED WITH LONG DIMENSION PERPENDICULAR TO SUPPORTS W/ 8d RING SHANK NAILS: 4" O.C. AT PANEL EDGES AND 8" O.C. IN THE FIELD
ROOF DECK SHEATHING (NOTES 1,2)	SHINGLE ROOF	MIN $\frac{7}{16}$ " 24/16 SPAN RATED OSB OR PLYWOOD INSTALLED WITH LONG DIMENSION PERPENDICULAR TO SUPPORTS W/ 8d RING SHANK NAILS: 6" O.C. AT PANEL EDGES, 12" O.C. IN THE FIELD.
FLOOR DECK SHEATHING: (NOTE 5)		$^{23}\!\!/_{\!32}\!"$ T&G OSB OR PLYWOOD W/ 10d COMMON: 6" O.C AT PANEL EDGES, 12" O.C. IN THE FIELD.
PORCH	CEILING BOARD SHEATHING:	MIN 36 " OSB OR PLYWOOD OR CDX INSTALLED PERPENDICULAR TO SUPPORTS W/ 8d COMMON: 3" O.C. AT PANEL EDGES, 12" O.C. IN THE FIELD.
SHEA	RWALL (SW) SHEATHING: (NOTE 8)	MIN $\frac{7}{6}$ " OSB OR PLYWOOD W/ 8d COMMON: 3" O.C. AT PANEL EDGES, 6" O.C. IN THE FIELD.

1. FOR SHEATHING THICKNESS GREATER THAN 15/32" CATEGORY (32/16 SPAN RATING), USE 10d RING SHANK NAILS IN LIEU OF 8d RING

2. COMMON NAILS IN WALL SHEATHING MAY BE SUBSTITUTED W/ 8d GALVANIZED BOX NAILS.

3. ZIP WALL SHEATHING IS AN ACCEPTABLE ALTERNATE FOR APA RATED WOOD STRUCTURAL PANEL. 4. ALL WOOD STRUCTURAL PANEL SHIALL CONFORM TO THE MOST CURRENT APPLICABLE SPECIFICATION AND SUPPLEMENTS OF

5. FASTENERS ARE MINIMUM REQUIRED FOR DIAP HRAGM DESIGN. FOR INCREASED FLOOR PERFORMANCE AND TO AVOID SQUEEKING, 8d RING SHANK NAILS OR 8d SCREW NAILS ARE RECOMMENDED.

6. 15%, " PLYWOOD IS A WARRANTY LIMITATION COMMON TO TILE MANUFACTURER'S MINIMUM RECOMMENDATIONS. SHOULD WARRANTY AND INSTALLATION REQUIREMENTS ALLOW, 15/2" APA RATED OSB OR EQUAL MAY BE USED TO SUPPORT TILE ROOF.

TABLE 3: MAXIMUM EXTERIOR WALL STUD SPACING (IN O.C.)

BEARING CONDITION				E FINISH-L					LE FINISH ALL HEIGH		
	& STUD TYPE	8 FT 9 FT 10 FT 11 FT		11 FT	12 FT	8 FT	9 FT 1	10 FT	10 FT 11 FT	12 FT	
7.	2x4 SPF STUD	2x4 SPF STUD 16 12	16	12 -		-					
ONL	2x4 NO.2 SPF	16	16	12			24	24	16	16	12
ROOF	(2)2x4 NO.2 SPF , 2x5 NO.2 SPF 2x6 SPF STUD, 2x6 NO.2 SPF	24	24	24	16	12	24	24	24	16	16
0	2x4 SPF STUD	12					12		-		
F AND	2x4 NO.2 SPF	16	16	12	-	-	16	16	12	-	
ROOF FLO	(2)2x4 NO.2 SPF, 2x5 NO.2 SPF 2x6 SPF STUD, 2x6 NO.2 SPF	24	24	24	16	12	24	24	24	16	16

1. STUD SPACINGS ABOVE ARE THE MAXIMUM REQUIRED ACCORDING TO STUD HEIGHT AND TYPE, UNLESS NOTED OTHERWISE

TABLE 5: FASTENERS IN

(INCLUDING ACQ & MCQ) COATED FINISH.

PRESERVATIVE

SILL PLATE w/ SODIUM

BORATE (NOTE 1)

ALL OTHER PT

PRESSURE TREATED LUMBER

FASTENER TYPE

NOT RECOMMENDED.

DIPPED GALVANIZED.

ARE NOT DIRECTLY EXPOSED TO EARTH OR WEATHER AND

SODIUM BORATE TREATMENTS HAVE BEEN PROVEN TO BE

NON-CORROSIVE TO CARBON STEEL FASTENERS.

FASTENERS REQUIRED.

CONNECTORS MUST HAVE

Z-MAX. G120 OR TRIPLE ZINC

ALL FASTENERS MUST BE HOT

STANDARD CARBON STEEL

STAINLESS CONNECTORS AND

2. IF STUD SPACING IS NOT LISTED, STUD SIZE AND GRADE IS NOT APPLICABLE AT THAT WALL HEIGHT. 3. WALL DESIGNED AS UN-BLOCKED. NO BLOCKING IS REQUIRED AT HORIZONTAL WOOD STRUCTURAL PANEL EDGES. BLOCKING

AT HORIZONTAL PANEL EDGES IS RECOMMENDED FOR STUCCO VENEER, SEE TABLE 2.

BLE 4:	NAIL	SIZE	LEGEND	
1, 2, 3, 4				

	DIAMETER	LENGTH
8d COMMON	0.131"	2-1/2"
8d RINGSHANK	0.113"	2-3/8"
10d x 1-½"	0.148"	1-1/2"
10d	0.131"	3"
10d COMMON	0.148"	3"
12d COMMON	0.148"	3-1/4"
16d SINKER	0.148"	3-1/4"
16d COMMON	0.162"	3-1/2"

INSTALL 10d NAILS UNLESS OTHERWISE SPECIFIED. 2. COMMON WIRE NAILS AND THREADED HARDENED STEEL NAILS 1. SILL PLATES BEARING ON CONCRETE OVER VAPOR BARRIER SHALL CONFORM TO THE NOMINAL SIZES SPECIFIED IN ASTM

F1667. NOMINAL DIAMETER SIZES APPLY TO FASTENERS BEFORE APPLICATION OF PROTECTIVE COATING. 3. WHEN A BORED HOLE IS REQUIRED TO PREVENT SPLITTING OF

A WOOD DUE TO FASTENER PENETIRATION, THE BORED HOLE SHALL NOT EXCEED 75% OF THE NAIL OR SPIKE DIAMETER. 4. THE NOMINAL DIAMETER AND LENGTH OF TYPICAL FASTENERS

SPECIFIED FOR THIS PROJECT ARE AS LISTED IN TABLE 4.

TABLE 6: UPLIFT ANCHORS

MOTEO		-	-	1
NOTES	1,	2,	3,	4

INSULATION INSTALLATION

SYMBOL		DESCRIPTION	CONCRETE / MASONRY EMBEDMENT	TENSION CAPACITY	MINIMUM EDGE DISTANCE	EPOXY OR ADHESIVE
•	3/8" DIA ALL 1	L THREAD (CONNECTION) I'HREAD ROID W/ 2" SQUARE x ½" ER AT TOP PLATE	4" / 8"	2,050 LB.	1 3/4"	SIMPSON ACRYLIC-TIE ADHESIVE
•	1/2" ATC (ALL THREAD (CONNECTION) 1/2" DIA ALL THREAD RO)D W/ 3" SQUARE x 1/8" THICK WASHER AT TOP PLATE		A ALL THREAD RO)D W/ 3" SQUARE x 1/8" 6" / 12"		1 3/4"	SIMPSON ACRYLIC-TIE ADHESIVE
B	ONE STORY TWO STORY	QTB (QUICK TIE BLUE) (NOTE 7) $\frac{3}{16}$ " WIRE ROPE - $\frac{3}{8}$ " STEEL STUD $2\frac{1}{4}$ " x $2\frac{1}{4}$ " x $\frac{3}{16}$ " WASHER @TOP PLT	4" / 4"	1,527 LB.	1 3/4"	EPCON G5 HIGH STRENGTH EPOX
G	ONE STORY TWO STORY	QTG (QUIICK TIE GREEN) $^{1}_{4}$ " WIRE ROPE - $^{1}_{2}$ " STEEL STUD 3 " x 3" x 3 " 6" WASHER @ TOP PLT	4" / 4"	2,839 LB.	2 1/4"	EPCON G5 HIGH STRENGTH EPOX
0	ONE STORY TWO STORY	QTO (QUIICK TIE ORANGE) 5 WIRE ROPE - 5 STEEL STUD 3" x 3" x 1/4" WASHER @ TOP PLT	6" / 6"	4,455 LB.	3"	EPCON G5 HIGH STRENGTH EPOX

ONE ALL THREAD CONNECTION (AT(C) IS COMPOSEDOF 36ksi ALL-TREAD THAT RUNS THE FULL VERTICAL HEIGHT OF THE WALL, PENETRATING BOTH THE TOP AND BOTTOM PLATES AND GROUTED WITH SIMPSON ACRYLIC-TIE ADHESIVE IN MASONRY OR CONCRETE. THE ALL-THREAD MAY BE SPLICED WITH A COUPLER THREADED ONTO THE ALL-THREAD A MINIMUM DISTANCE OF ½" AT EACH END OF THE COUPLER. THE COUPLER SHALL BE RATED FOR ALLOWABLE TENSION OF 2,050 LB FOR 3/4" RODS (3,200 LB FOR ½" RODS). THE ALL-THREAD SHALL BE INSTILLED PLUM WITH THE MAXIMUM DEVIATION FROM VERTICAL OF 3/8"

HORIZONTAL PER FOOT VERTICAL 2. WASHER AND NUT REQUIRED AT THE BOTTOM PLATE FOR ATC'S LOCATED IN EXTERIOR WALLS ADJACENT TO OPENINGS AND

AT WALL ENDS WHICH TERMINATE AT CORNERS. 3. THE HEX NUT ABOVE THE TOP PLATE SHALL BE TIGHTENED TO APPROXIMATELY 30 ft-lbs OF TORQUE. CHANGES IN MOISTURE CONTENT AND THE RELATED SHRINIKAGE OF THE BUILDING MATERIALS WILL EFFECTIVELY ELIMINATE THE PRE-LOADING CAUSED BY THE INITIAL TIGHTENING OF THE NUT. AFTER ALL ROUGH-INS OF THE MECHANICAL AND ELECTRICAL TRADES ARE COMPLETE, AND PRIOR TO INSTALLATION OF INSULATION, RE-TIGHTEN THE UPPER HEX NUTS TO 30 ft-lbs OF TORQUE. 4. IT IS THE RESPONSIBILITY OF THE BIUILDING DEPARTMENT OR BUILDER TO VERIFY THE TIGHTNESS OF THE HEX NUT PRIOR TO

5. REFER TO FRAMING NOTES THIS SHIEET FOR EPOXYINSTALLATION SPECIFICATIONS. 6. ATC OR QUICK TIES SHOWN ON FRAMING PLANAT FIXED LOCATIONS ARE DESIGNATED BY SYMBOLS SHOWN ABOVE. REFER TO

TYPICAL WALL SECTION FOR ADDITIONAL REQUIRED ATC LOCATIONS. 7. ALL QTB IN EXTERIOR WALLS MUST HAVE AN ADDITIONAL WALL STUD WITHIN 3" (THIS IS IN ADDITION TO STANDARD WALL FRAMING STUDS). EXCEPTIONS: QTB WITHIN 3" OF DBL STUD, SUCH AS NEXT TO OPENINGS OR SHEATHING SPLICES WITH DBL

STUD, DOES NOT REQUIRE ADDITIONAL STUD. 8. ATC MAY BE ANCHORED USING MINIMUM 6" LONG TITEN HD W/ ROD COUPLER HEAD. DIAMETER OF TITEN TO MATCH DIAMETER OF ATC. NUT AND WASHERS MAY BIE OMITTED AT BOTTOM PLATES ADJACENT TO OPENINGS W/ TITEN / ROD COUPLER OPTION.

TABLE 7: METAL CONNECTOR SCHEDULE

DTT2Z (NOTES 2,3)	(8) $\frac{1}{4}$ " x 1 $\frac{1}{2}$ " SDS SCREWS IN STUD $\frac{3}{6}$ " Ø x 4 $\frac{1}{2}$ " EMBED EPOXY OR SCREW ANCHOR	CS18	(9) 10d COMMON EACH END OF STRAP
HTT4 (NOTES 2,3)	(18) 0.162" x 2 $\frac{1}{2}$ " IN STUD/BEAM/TRUSS, $\frac{5}{8}$ " Ø x 6" EMBED ANCHOR IN CONCRETE (NOTE 1)	MTS12	(7) 10d x 1 ½" EACH END
HTT5 (NOTES 2,3)	(26) 0.162" x 2 $\frac{1}{2}$ " IN STUD/BEAM/TRUSS, $\frac{5}{8}$ " Ø x 6" EMBED ANCHOR IN CONCRETE (NOTE 1)	MSTA24/MS24	(9) 10d COMMON EACH END
HDQ8-SDS3	(20) SDS $\frac{1}{4}$ " x 3" SCREWS IN STUD GROUP $\frac{1}{6}$ " DIA.x12" EMBED ANCHOR IN CONCRETE	MSTA36/MS36	(13) 10d COMMON EACH END
STHD14	(38) 16d SINKERS INTO STUDS (WET EMBED)	HTS20	(11) 10d x 1 ½" IN TRUSS/RAFTER (11) 10d x 1 ½" IN STUD
LTT20B (NOTE 2)	(10) 10d x 1 $\frac{1}{2}$ " IN STUDS $\frac{1}{2}$ " x 6" EMBED EPOXY OR SCREW ANCHOR	H2.5T/HA8	(5) 8d x 1 ½" IN TRUSS (5) 8d x 1 ½" IN TOP PLATE
ABU44	(12) 16d COMMON & $\frac{5}{8}$ " x 7" DRILL & EPOXY	Н8	(5) 10d x 1 ½" IN TRUSS (5) 10d x 1 ½" IN PLATE
ABU66	(12) 16d COMMON & $\frac{5}{8}$ " x 7" DRILL & EPOXY (12" EMBED AT GARAGE DOOR RETURNS)	TSP	(9) 10d x 1 ½" IN STUD (6) 10d x 1 ½" IN PLATE
HU48, HUC48, HU28-2, HUC28-2	(14) 16d COMMON IN HEADER (6) 10d COMMON IN BEAM	SPH4 / SPH6	(12) 10d x 1 ½" IN STUD
HU410, HUC410, HU210-2, HUC210-2	(18) 16d COMMON IN HEADER (10) 10d COMMON IN BEAM	DSP	(6) 10d COMMON IN TOP PLATE (8) 10d COMMON IN STUD/HEADER
HGA10KT	(4) SDS $\frac{1}{4}$ " x 1 $\frac{1}{2}$ " SCREWS IN TRUSS/RAFTER (4) SDS $\frac{1}{4}$ " x 3" SCREWS IN TOP PLATE	QGT (NOTE 2)	(18) 10d x 1½" IN TRUSS W/ QUICK TIE UPLIFT ANCHOR TO SLAB AS SPECIFIED ON PLAN
LGT3	(26) 16d SINKER IN WALL FRAMING (12) SDS ¼" x 2 ½" IN TRUSS	QGT2 (NOTE 2)	(30) 10d x 1½" IN TRUSS W/ QUICK TIE UPLIFT ANCHOR TO SLAB AS SPECIFIED ON PLAN

1. EPOXY ANCHOR EMBED IN CMU TO BE 12-INCHES. OPTIONAL SIMPSON ½"x12" TITEN HD IS AN ACCEPTABLE ALTERNATIVE ANCHOR IN ALL CASES

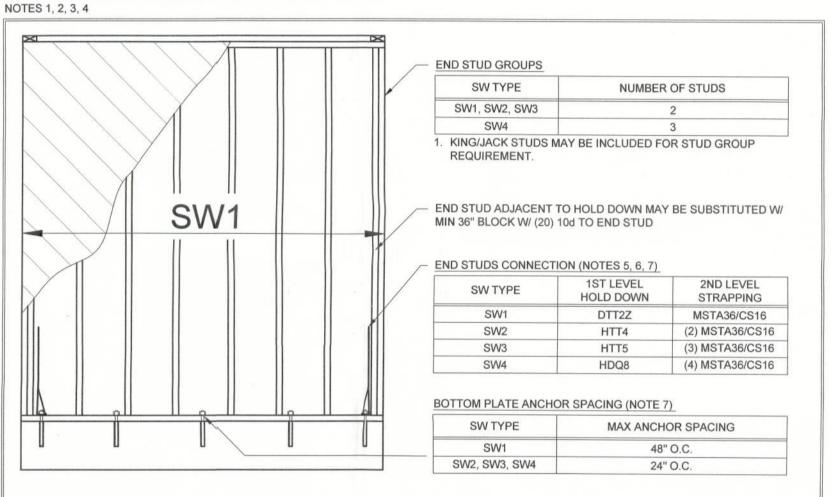
EXCEPT GARAGE RETURN HOLDDOWNS. 2. REFER TO FRAMING NOTES THIS SHEET FOR ACRYLIC-TIE INSTALLATION SPECIFICATIONS

3. QUICK-TIE SUBSTITUTION (INSTALLED W/ EPCON G5 HIGH STRENGTH EPOXY) QTB = DTT2Z

 QTO = HTT4 OR HTT5 (PROVIDED (2) STUDS INSTALLED EACH SIDE OF QTO) 4. PRODUCTS SELECTED USING SIMPSON 2011-2012 CATALOG AND QUICK TIE SPRING 2010 CATALOG. PRODUCTS MAY BE SUBSTITUTED WITH EQUAL OR BETTER APPROVED ALTERNATES.REFER TO SIMPSON CATALOG FOR ADDITIONAL INSTALLATION INSTRUCTIONS. 5. IF CONNECTOR IS NOT LISTED ABOVE, CONTACT EOR FOR SPECIFIC FASTENING REQUIREMENTS.

6. POSITIVE PLACEMENT GUN NAILS, 2 ½" LONG, WITH EQUIVALENT DIAMETER TO COMMON NAILS SPECIFIED ABOVE MAY BE USED FOR ABU POST BASE ANCHORS, CS16, AND MSTA FLAT STRAPS.

TABLE 8: SPECIFIED SHEARWALLS



THE EXTERIOR WALLS ARE FULLY SHEATHED WITH OSB OR PLYWOOD. ALL TYPICAL EXTERIOR WALLS ARE SHEAR WALLS AND ARE PART OF THE BUILDING'S MAIN WIND FORCE RESISTING SYSTEM. ADDITIONAL FRAMING AND HOLD-DOWNS ARE REQUIRED ONLY AS NOTED ON THE PLAN OR IF WALL SEGMENT IS IDENTIFIED AS SW1, SW2, SW3, SW4, OR SWB ON THE PLAN.

2. ALL SW SHEATHING TO BE FASTENED TO FRAMING PER TABLE 2: WOOD STRUCTURAL PANEL SHEATHING REQUIREMENTS

3. SHEARWALLS INDICATED ON PLAN WITH WINDOW AND DOOR OPENINGS WITHIN THE SHEARWALL REQUIRE STUD GROUP AND HOLD DOWNS ONLY AT EXTREME END OF DESIGNATED WALL OR PORTION THEREOF AS NOTED ON STRUCTURAL PLAN.

4. SWB - SEE "SWB-SPECIAL SHEAR WALL DETAIL", LOCATED ON THE DETAIL SHEET.

5. 2ND LEVEL SW'S - END STUDS OF SHEAR WALL TO BE ANCHORED PER ONE OF THE FOLLOWING: HOLD DOWN WITH FULL-HEIGHT ½" Ø ROD TO SLAB. END STUDS TO BE CONTINUOUSLY SUPPORTED THROUGH FLOOR SYSTEM TO SLAB. 2ND LEVEL END STUDS TO MIATCHING 1ST LEVEL STUD GROUP BELOW W/ STRAPPING AS NOTED. 1ST LEVEL STUD GROUP TO SLAB WITH HOLD

6. DESIGNATED SW'S WITH A COMMONI CORNER REQUIRE (1) HOLDDOWN, WHICH IS TO BE LARGEST OF THE TWO HOLDOWNS SPECIFIED, UNO. 7. ACCEPTABLE BOTTOM PLATE ANCHORS INCLUDE 1/2" ATC, 1/2"x8" TITEN HD, 1/2" ALL THREAD ROD, 1/2"x10" L-HOOK, OR MASA. SCREW IN ANCHORS & MASA ALLOWED IN MONOLITHIC FOOTINGS ONLY. EPOXY ANCHORS MUST BE USED IN STEMWALL FOUNDATIONS.

CONCRETE AND FOUNDATION NOTES

CONCRETE COMPRESSIVE STRENGTH FOR FOOTINGS= 2,500 PSI AT 28 DAYS (UNO).

CONCRETE COMPRESSIVE STRENGTH FOR SLAB = 2,500 PSI AT 28 DAYS (UNO).

ALL REINFORCING STEEL #3 AND BIGGER SHALL BE ASTM A615 GRADE 40 DEFORMED BARS (UNO) ALL REINFORCING STEEL SHALL HAVE 90 DEGREE BEND AT CORNERS WITH A 24" LAP.

FIBERMESH IS AN ACCEPTABLE ALTERNATIVE AND SHALL NOT REQUIRE WWF.

MASONRY STEMWALL AND MONOLIITHIC FOOTING ARE INTERCHANGEABLE. EARTH AND EARTH FILL SUPPORTIING SLABS ON GRADE IS ASSUMED TO HAVE A MINIMUM BEARING CAPACITY OF 2,000 psf in ACCORDANCE WITH FRC 2010 TABLE R401.4.1, AND SHALL BE FREE OF ORGANIC MATERIAL AND COHESIVE SOILS. COMPACT THE FILL IN 12" LIFTS TO AT LEAST 95% OF

MODIFIED PROCTOR MAXIMUM DRY DENSITY. IT IS THE OWNER'S OR CONTRACTOR'S RESPONSIBILITY TO CONFIRM THESE ASSUMPTIONS. 8. CONCRETE FLOOR SLABS ON GRAIDE SHALL BE INSTALLED OVER A MINIMUM 6 MIL POLYETHYLENE VAPOR RETARDER WITH JOINTS LAPPED 6" AND SEALED OVER CLEAN, COMPACTED EARTH OR FILL WITH APPROVED CHEMICAL SOIL TREATMENT FOR PREVENTION OF SUBTERRANEAN TERMITES. 9. STEMWALLS OVER 4 COURSES TALL REQUIRE SPECIAL ATTENTION TO BRACING DURING CONSTRUCTION. CONTACT ENGINEER OF RECORD IF

THIS CONDITION EXISTS. 10. TO CONTROL CRACKING, CUT 1" SAWCUTS IN THE SLAB IN A 15'x15' GRID WITHIN 12 HOURS OF CONCRETE PLACEMENT. CONTACT FOR FOR ALTERNATIVE METHODS

11. DO NOT SCALE FOOTING DIMENSIONS AND LOCATIONS FROM THE FOUNDATION PLAN. DO NOT DETERMINE FOOTING LOCATION FROM ARCHITECTURAL PLANS OR FRAMING PLAN. IF FOOTING SIZE OR LOCATION IS NOT DETERMINATE FROM USE OF FOUNDATION PLAN ALONE, CONTACT THE ENGINEER OF RECORD.

PRE-ENGINEERED TRUSSES & I-JOISTS

1. ROOF OR FLOOR TRUSSES FABRICATED TO ACHIEVE THE ROOF PLANES DEPICTED ON THE ARCHITECTURAL PLANS SHALL BE DESIGNED UNDER THE SUPERVISION OF A REGISTERED FLORIDA PROFESSIONAL ENGINEER. ENGINEERING SHOP DRAWINGS SHALL BE PREPARED IN ACCORDANCE WITH ANSI/TPI-2002 AND SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL PRIOR TO FABRICATION. DESIGN CRITERIA IS LOCATED ON SHEET ST-1 OF THE PLAN SET. TEMPORARY BRACING SHALL BE THERESPONSIBILITY OF THE CONTRACTOR AND SHALL BE LEFT IN PLACE AFTER CONSTRUCTION IS COMPLETE.

2. TRUSSES OR I-JOISTS SHALL BE DESIGNED TO MATCH THE ORIENTATION, SPAN DIRECTION, SPACING, BEARING LOCATION AND NAMING

CONVENTION OF THE LAYOUT SHOWN HERE. THE TRUSS ENGINEER SHALL PROVIDE ALL TRUSS TO TRUSS CONNECTION DESIGN AND SPECIFICATIONS AND SUBMIT THEM UNDER SIGN AND SEAL WITH THE TRUSS SHOP DRAWINGS...

4. TRUSS UPLIFTS HAVE BEEN CALCUILATED BY THE ENGINEER OF RECORD AND TAKEN INTO CONSIDERATION DURING THE DESIGN OF THE UPLIFT RESTRAINT SYSTEM FOR THIS STRUCTURE. AS SUCH, THE REPORTED UPLIFTS ON THE TRUSS SHOP DRAWINGS MAY BE DISREGARDED. 5. CONNECT ALL TRUSSES TO TOP PLATE AS SPECIFIED ON THE TYPICAL WALL SECTION SHEET.

6. I-JOISTS FABRICATED TO ACHIEVE THE FLOOR PLANS DEPICTED ON THE ARCHITECTURAL PLANS SHALL BE DESIGNED AND SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL PRIOR TO FABRICATION AND INSTALLATION. SEE DESIGN CRITERIA, THIS SHEET.

SHEET INDEX

STRUCTURAL SPECIFICATIONS ... FOUNDATION PLAN . 1ST LEVEL STRUCTURAL FRAMING PLAN .1ST LEVEL ROOF FRAMING PLAN . 2ND LEVEL STRUCTURAL FRAMING PLAN (IF APPLICABLE) ST-4 . 2ND LEVEL ROOF FRAMING PLAN (IF APPLICABLE) ST-5..... ..TYPICAL WALL SECTION SHEET SECTIONS AND DETAILS .. SECTIONS AND DETAILS (IF APPLICABLE) **LEGEND** UNLESS NOTED OTHERWISE ON PLAN OR DETAIL UNO EOR ENGINEER OF RECORD **EACH WAY** OSB ORIENTED STRAND BOARD WOOD STRUCTURAL PANEL

SOUTHERN YELLOW PINE SPF SPRUCE-PINE-FUR CONT CONTINUOUS ON CENTER 1.55E TIMBERSTRAND LSL ENGINEERED LUMBER, 1 3/4" WIDE, UNO. (3 1/2" WIDE LSL BEAMS ARE EQUIVALENT TO 2-PLY 1 3/4" BEAM) 1.9E MICROLLAM LVL ENGINEERED LUMBER, 1 3/4" WIDE PSL 2.0E PARRALLAM PSL ENGINEERED LUMBER, 3 1/2" WIDE, UNO QUICKTIE BLUE, SEE TABLE 6: UPLIFT ANCHORS QTB QUICKTIE GREEN, SEE TABLE 6: UPLIFT ANCHORS QUICKTIE ORANGE, SEE TABLE 6: UPLIFT ANCHORS INTERIOR ROOF LOAD BEARING WALL, SPECIFICATIONS

OUTLINED ON TYPICAL WALL SECTIONS, DETAIL SHEETS INTERIOR BEARING WALL WITH NO UPLIFT. NO UPLIFT ANCHORS REQUIRED. MINIMUM

BOTTOM PLATE ANCHORAGE IS 1/2" ANCHOR @ 8'-0" O.C. (UNO ON FRAMING PLAN OR SW STRUCTURAL WOOD BEAM

FOUNDATION KEYNOTE CALLOUT

2 STUDS C

DTT2Z 등片

STUD COLUMN KEYNOTE CALLOUT NUMBER OF STUDS BELOW BEAM/GIRDER TRUSS. STUDS TO MATCH WALL FRAMING SIZE AND GRADE, UNO.

- ADDITIONAL CLARITY FOR THE LOCATION OF THE STUD COLUMN BOTTOM OF STUD COLUMN CONNECTION • 1ST LEVEL STUD COLUMN: HOLDDOWN REQUIRED AT BASE OF COLUMN 2ND LEVEL STUD COLUMN: STRAPPING REQUIRED FROM 2ND LEVEL

COLUMN TO 1ST LEVEL STUDS/HEADER/BEAM. • "ATC" REQUIRES 3/8" ATC WITHIN 3" OF SUPPORTED MEMBER.

NUMBER OF STRAPS CONNECTING HEADER TO JACK STUD TYPE OF STRAP CONNECTING HEADER TO JACK STUD MSTA24 1 DTT2Z KING/JACK GROUP BOTTOM CONNECTION

HEADER STRAPPING KEYNOTE CALLOUT

• 1ST LEVEL STUD GROUP: HOLDDOWN REQUIRED AT BASE OF STUD GROUP • 2ND LEVEL STUD COLUMN: STRAPPING REQUIRED FROM 2ND LEVEL STUD GROUP TO 1ST LEVEL STUDS/HEADER/BEAM. NUMBER OF HOLDDOWNS/STRAPS AT BASE OF KING/JACK GROUP

HEADER FRAMING KEYNOTE CALLOUT (2) 2x10 - 1 / 2 NUMBER OF KING STUDS EACH SIDE OF OPENING NUMBER OF JACK STUDS EACH SIDE OF OPENING SIZE OF HEADER (ALL HEADERS TO BE NO.2 SYP

UNLESS DESIGNATED AS LSL, LVL, PSL, OR WSP) NUMBER OF PLIES IN HEADER SDWC SCREW KEYNOTE CALLOUT

ON CENTER SPACING (INCHES) OF SDWC15600 CONNECTING TOP PLATE TO STUD AND SDWC15450 CONNECTING STUD TO BOTTOM PLATE, IF APPLICABLE

NUMBER OF SDWC15600 CONNECTING TOP PLATE TO STUDS NUMBER OF SDWC15450 CONNECTING STUDS TO BOTTOM PLATE

FRAMING NOTES

SIMPSON ACRYLIC-TIE ADHESIVE SHALL BE USED IN ALL DRILLED AND EPOXIED CONNECTIONS TO CONCRETE. EPCON G5 HIGH STRENGTH EPOXY OR EQUIVALENT SHALL BE USED FOR ALL QUICKTIE TO SLAB CONNECTIONS. ANCHOR BOLT, THREADED ROD, OR DOWELED REINFORCING STEEL MAY BE EMBEDDED TO THE SPECIFIED DEPTH, IN A HOLE 1/16" GREATER THAN THE DIAMETER OF THE ANCHOR. ADHESIVE MUST FILL THE HOLE IN THE CONCRETE AND WOOD BOTTOM PLATE. MANUFACTURER'S SPECIFICATIONS MUST BE FOLLOWED FOR PROPER INSTALLATION.

2. ALL LUMBER SPECIFIED ON DRAWINGS IS INTENDED FOR DRY USE ONLY, UNO. ALL WATERPROOFING AND FIRE SAFETY SYSTIEMS ARE THE RESPONSIBILITY OF THE CONTRACTOR AND ARE TO BE DESIGNED AND DETAILED BY OTHER

3. ALL METAL CONNECTORS SPECIFIED ON PLAN ARE IN ADDITION TO FRAMING FASTENER REQUIREMENTS LISTED IN FLORIDA. BUILDING CODE TABLE 2304.91.

BEAMS IDENTIFIED BY NUMBER ON PLAN ARE TO BE PROVIDED BY TRUSS MANUFACTURER. FASTEN ALL MULTI-PLY STUD COLUMNS AND CORNERS TOGETHER WITH (2) ROWS 10d COMMON @ 8" O.C. STAGGERED. UPPER LEVEL MULTI-PLY STUD GROUPS TO BE CONTINUOUS THROUGH FLOOR SYSTEM TO

FASTEN ALL STUDS TO BOTTOM AND TOP PLATES WITH (4)8d TOE NAILS OR (2)16d COMMON END NAILS. FASTEN ALL TRUSSES AND RAFTERS TO TOP PLATES WITH (3)8d TOE NAILS. ALL MULTI-PLY TRUSS GIRDERS AND BEAMS TO HAVE SOLID STUD GROUP BELOW MATCHING GIRDER OR

BEAM THICKNESS AND MATCHING WALL STUD SPECIFICATIONS AS NOTED ON STRUCTURAL PLAN, UNO. HEADER FRAMING

1. ALL HEADER JACK AIND KING STUDS SHALL BE FASTENED TO EACH OTHER WITH (2) ROWS 10d @ 8" O.C. STAGGERED. 2. WSP HEADERS ARE WOOD STRUCTURAL PANEL HEADERS AND HAVE THE FOLLOWING REQUIREMENTS:

 SHEATHING TO MATCH SPECIFICATION FOR EXTERIOR WALLS, SEE TABLE 2. ATTACH TO ALIL FRAMING MEMBERS (KING STUD, TOP PLATE, HEADER SILL, CRIPPLES, ETC.) W/ 8d

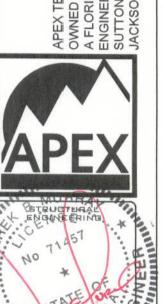
COMMON @ 3" O.C. EITHER PLY OF DBL TOP PLATE MUST BE CONTINUOUS OVER OPENING. SHEATHING MUST BE EDGE NAILED AT CONTINUOUS PLY OF TOP PLATE NO.2 SPF HEADER SILL INSTALLED ABOVE OPENING W/ (1) CRIPPLE STUD AT EACH END

3. WALL SHEATHING ABOVE OPENING MUST BE CONTINUOUS (OR PROPERLY SPLICED PER TYPICAL WALL SECTION SHEET) FROM TOP OF PLATE TO HEADER BELOW OR SILL PLATE ABOVE OPENING 4. FASTEN ALL MULTI-PILY HEADERS TOGETHER WITH (2) ROWS 10d @ 8" O.C. ALONG EACH EDGE.

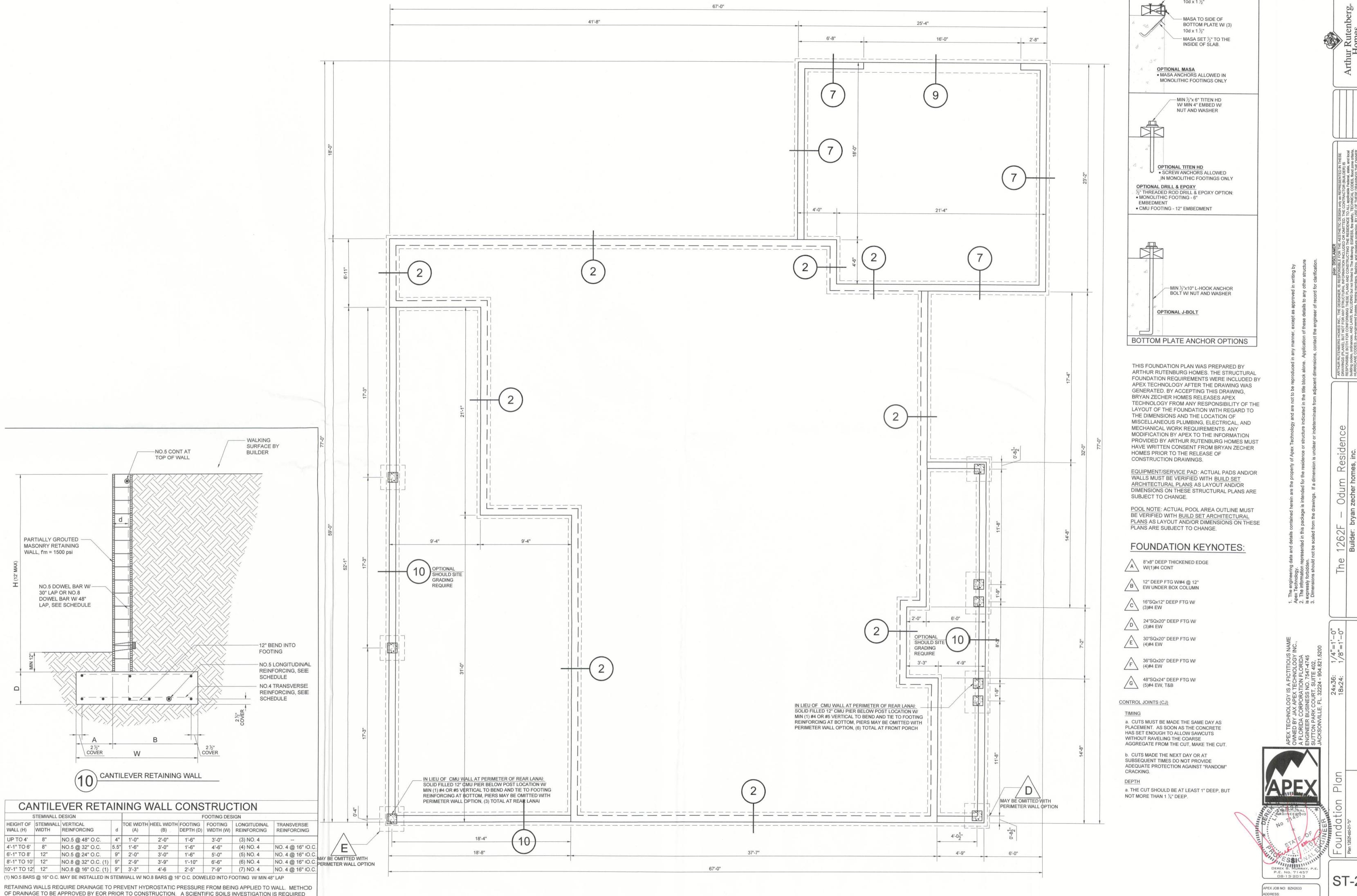
5. FASTEN ALL HEADER'S TO KING STUDS WITH (3)8d TOE NAILS PER SIDE. 6. IF HEADER NOT SPECIFIED, CONTACT ENGINEER OF RECORD.

OPENINGS > 6' (OPENINGS IN 2x4 STUD WALLS GREATER THAN 6' REQUIRE A (2)2x4 NO.2 SPF PLANK ORIENTED (2x4 WALLS) PLATE DIRECTLY ABOVE AND BELOW THE OPENING W/(6) 12d COMMON TOE-NAILS AT EACH END.

OPENINGS > 8' OPENINGS IN 2x6 STUD WALLS GREATER THAN 8' REQUIRE A (2)2x6 NO.2 SPF PLANK ORIENTED (2x6 WALLS) PLATE DIRECTLY ABOVE AND BELOW THE OPENING W/(8) 12d COMMON TOE-NAILS AT EACH END.



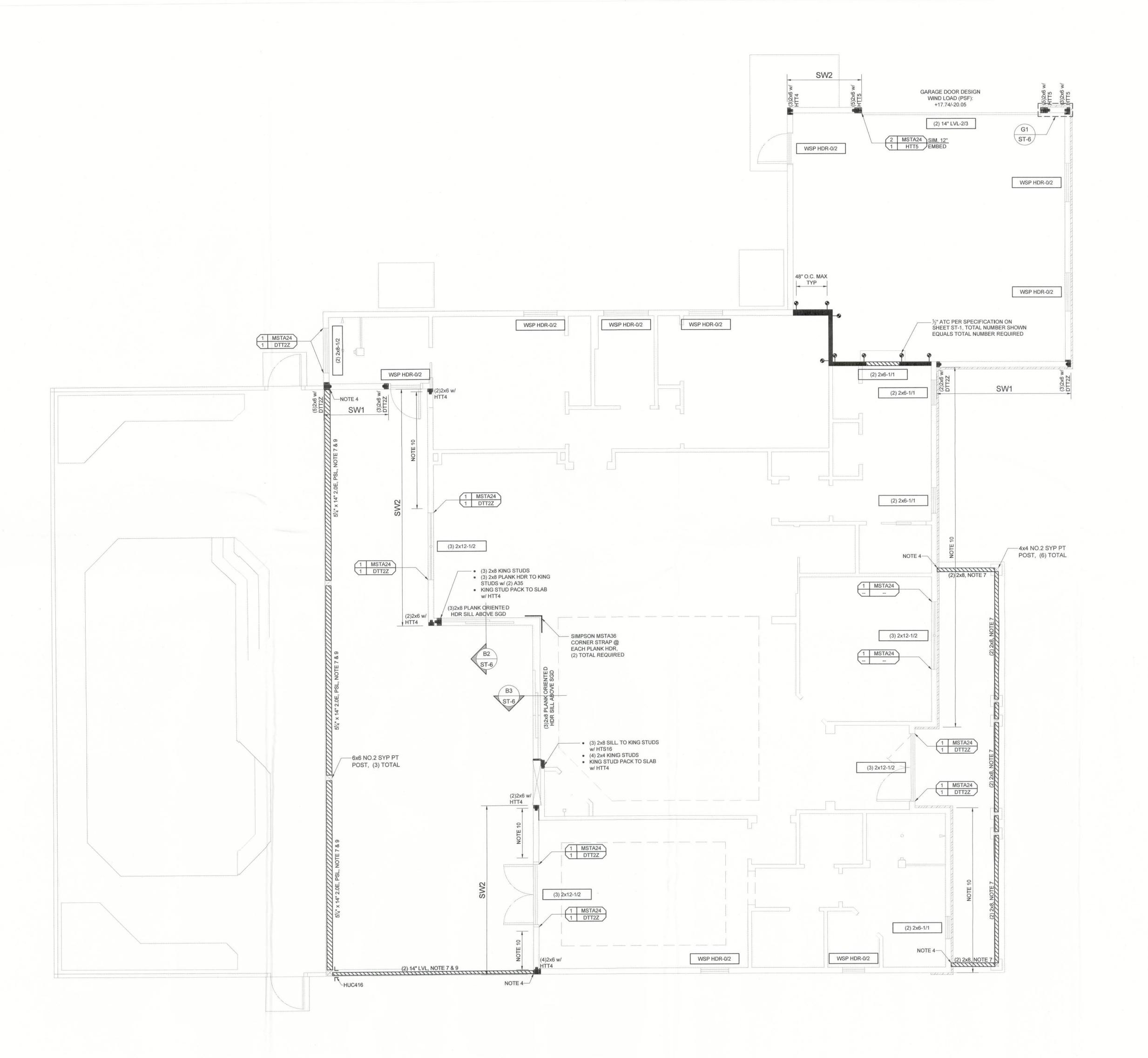
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FOR THIS PROJECT TO PROVIDE SOIL BEARING CAPACITY, BUILDING EARTHWORK REQUIREMENTS, AND ESTIMATED

HIGH WATER TABLE.

- MASA TO TOP OF BOTTOM PLATE W/ (6)



FRAMING KEYNOTES (CUP)

NOTES APPLICABLE ONLY WHERE SPECIFIED ON PLAN

- 1. MIN (2) INTERMEDIATE JACK STUDS REQUIRED BETWEEN OPENINGS.
- 2. SEE INTERIOR SHEARWALL DETAIL ON DETAIL SHEET. IN LOCATIONS WHERE INTERIOR SHEARWALLS HAVE VAULTED TOP PLATES, ALSO SEE INTERIOR SHEARWALL AT VAULTED TOP PLATE ON DETAIL SHEET.
- ATTACH SW TO FLOOR DIAPHRAGM PER ONE OF THE FOLLOWING:A. IF FLOOR TRUSS ALIGNS ABOVE SW, ATTACH FLOOR TRUSS BOTTOM CHORD TO SW DBL TOP PLATE W/ 10d @ 3" O.C. B. FRAME AND SHEATH SW TO FLOOR DECK ABOVE. ATTACH

FLOOR DECK TO SW DBL TOP PLATE W/ 10d @ 3" O.C.

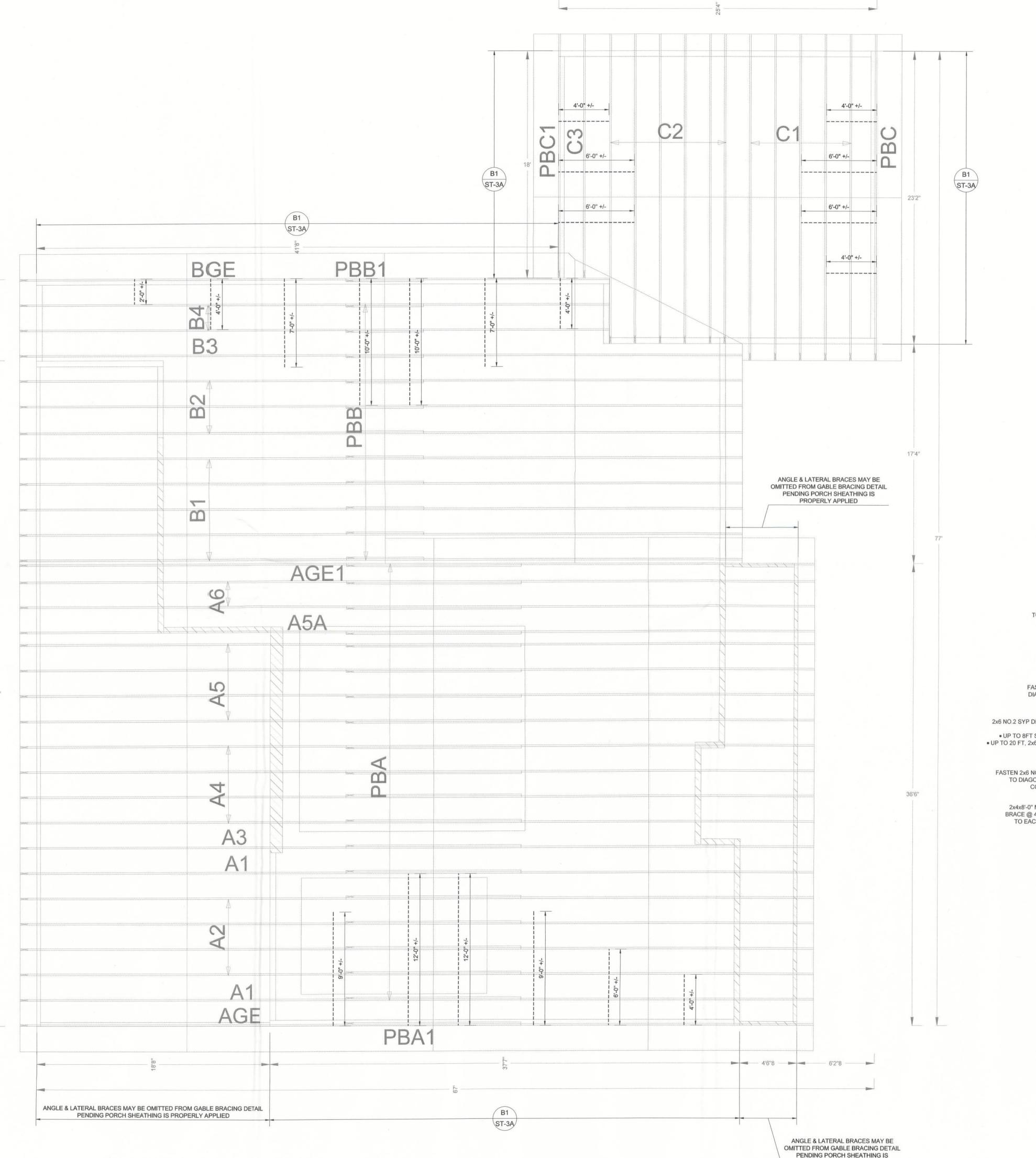
- 4. PORCH BEAM FRAMING NOTES
- A. BEAM POCKET PORCH BEAMS AT TOP PLT ELEV.
 NOTCH TOP OF PORCH BEAM 3" FOR BEAM PKT CONNECTION AT WALL. TOP OF BEAM ELEVATION EQUALS TOP OF TOP PLT ELEVATION. 3 1/2" MINIMUM BEARING REQUIRED IN WALL. PORCH BEAM TO STUDS W/ HTS20 OR MSTA24.
- B. SHIM BELOW PORCH BEAMS JUST ABOVE TOP PLT ELEV. PORCH BEAM TO TOP PLT W/ MTS12 OR MSTA24.
- C. POST DOWN PORCH BEAMS ABOVE TOP PLT ELEV. PROVIDE DOUBLE STUD POST DOWN SUPPORT AT WALL FOR PORCH BEAM. BEAM TO POST DOWN STUDS W/ HTS20 OR, MSTA24. POST DOWN STUDS TO STUDS BELOW w/ HTS20 OR
- D. BEAM ATTACHED TO EXISTING FRAMING
 ATTACH PORCH BEAM TO EXISTING STUDS OR KING/JACK
 STUDS W/ SIMPSON HUC HANGER MATCHING PORCH BEAM
- 5. SHEATH WALL CONTINUOUS TO SECOND FLOOR TOP PLATE PER TYPICAL WALL SECTION SHEET.
- 6. CONVENTIONAL METAL UPLIFT CONNECTION
- ATTACH DOUBLE TOP PLATE TO EVERY STUD w/ TSP.
 ATTACH EVERY STUD TO BOTTOM PLATE w/ TSP. AT ALL HEADERS:
- HEADER TO JACK w/ MSTA24 EACH END.
 KING/JACK STUD GROUP TO SLAB w/ DTT2Z.
- TRUSS TO PORCH BEAM CONNECTION: USE (2) SIMPSON H2.5A OR SDWC1560
- 8. BALLOON FRAME WALLS W/ 2x8 @ 16" O.C.
- 9. (2) AND (3) PLY BEAMS: ATTACH PLIES W/ (3) ROWS 12d COMMON @ 12" O.C. STAGGERED (4) PLY LVL BEAMS:
- ATTACH PLIES W/ (2) ROWS $\frac{1}{2}$ " DIAMETER THROUGH BOLTS W/ NUT AND WASHER @ 24" O.C., STAGGERED.
- 10. WALL STUDS TO BOTTOM PLATE W/ ONE OF THE FOLLOWING:

 SDWC15450 @ MAX 32" O.C.

 TSP @ MAX 32" O.C.

ST-3

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ROOF FRAMING KEYNOTES

NOTES APPLICABLE ONLY WHERE SPECIFIED ON PLAN

PRE-MAUNFACTURED SHEAR PANEL

INSTALL AS SHOWN ON LAYOUT ABOVE SW SPECIFIED ON

FRAMING PLAN

SHEAR PANEL TO SW DBL TOP PLT W/ 10d @ 3" O.C.

FLOOR DECK TO SHEAR PANEL W/ 10d @ 3" O.C.

2. TYPICAL BEARING BLOCK BEARING BLOCK TO BE NO.2 SYP, MIN 48" LONG AND TO MATCH

DIMENSION OF TRUSS MEMBER. ATTACH BEARING BLOCK TO TRUSS VERTICAL OR TRUSS BOTTOM CHORD W/ (3) ROWS 10d @ 4" O.C. STAGGERED.

3. LEDGER FRAMING NOTES: FASTEN LEDGER TO FRAMING/TRUSS VERTICALS AT

EVERY SUPPORT WITH FASTENING SHOWN BELOW (MAX 24" O.C. SPACING)

 ADDITIONAL FASTENERS MAY BE REQUIRED AT SPECIFIED LOCATIONS ON PLAN

 SEE TABLE 3 ON SHEET ST-1/S1 FOR FASTENER PROTECTION AGAINST CORROSION

 IN ACCORDANCE W/ FRC 502.2.1, EXTERIOR DECK LEDGERS SHALL BE SECURE TO WALL FRAMING WITH WOOD SCREWS AS INDICATED ABOVE. COMMON NAILS AT FLOOR FRAMING LEDGERS ARE FOR INTERIOR USE ONLY.

ROOF FRAMING LEDGER:(4) 12d COMMON 2x8.....(6) 12d COMMON 2x10.....(8) 12d COMMON 2x12.....(10) 12d COMMON FLOOR FRAMING LEDGER (W/ NAILS): PT 2x6.....(3) 16d COMMON PT 2x8.....(5) 16d COMMON PT 2x10.....(7) 16d COMMON PT 2x12.....(9) 16d COMMON FLOOR FRAMING LEDGER (W/ SCREWS): PT 2x6.....(3) 1/4" x 4-1/2" LONG #14 WOOD SCREWS

4. OVERFRAMING NOTES

 ALL RAFTERS TO BE MIN. 2x6 NO.2 SYP @ 24" O.C. MAX. ALL "SLEEPERS" TO BE PLANK-ORIENTED 2x8 NO.2 SYP MIN.

 FASTEN "SLEEPERS" TO EACH TRUSS/RAFTER W/ (3) 16d COMMONS MIN.

PT 2x8.....(5) 1/4" X 4-1/2" LONG #14 WOOD SCREWS PT 2x10.....(7) 1/4" X 4-1/2" LONG #14 WOOD SCREWS PT 2x12.....(9) 1/4" X 4-1/2" LONG #14 WOOD SCREWS

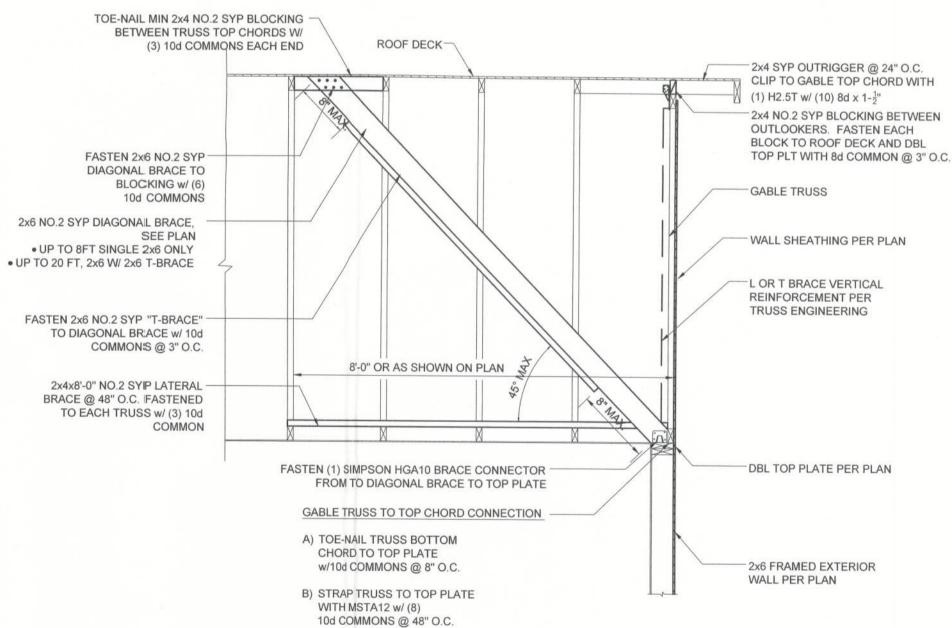
 EACH RAFTER TO "SLEEPER" W/ SIMPSON H3 UPLIFT CONNECTOR.

ALL RIDGE BOARDS TO BE 2x8 NO.2 SYP MIN.

 FASTEN 2x6 NO.2 SYP COLLAR TIES FROM RAFTER TO RAFTER WHERE APPLICABLE W/ (5) 10d COMMONS MIN.

RAFTER SPAN SCHEDULE LUMBER SIZE SPACING 2x6 2x8 2x10 2x12 12" 15'-5" 19'-11" 23'-9" 26'-0" 16" 13'-4" 17'-3" 20'-7" 22'-0" 24" 10'-11" 14'-1" 16'-10" 19'-9" 20 L.L./15 D.L. #2 SYP

O.C. SPACING	LUMBER SIZE					
	2x4	2x6	2x8	2x10		
12"	12'-5"	19'-6"	25'-8"	26'-0"		
16"	11'-3"	17'-8"	23'-4"	26'-0"		
24"	9'-10"	15'-6"	20'-1"	23'-11'		



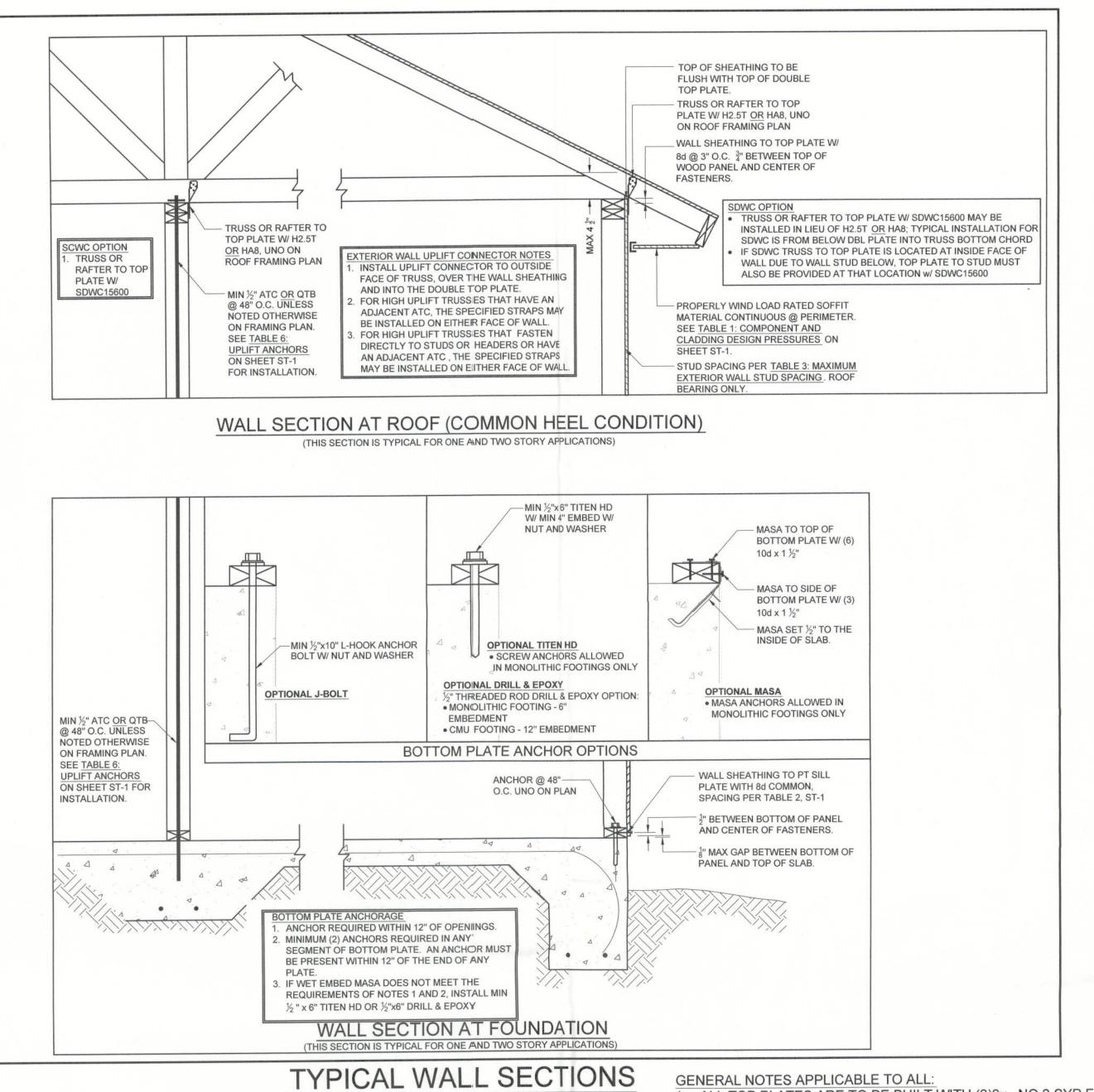
GABLE ANGLE BRACING DETAIL (W/ HGA10) 1) MAX. TRUSS SPACING = 24" O.C. 2) OUTLOOKERS, BLOCKING & CLIPS MAY BE OMITTED FROM OVERHANG PORTION OF DETAIL FOR NON-DROPPED GABLE

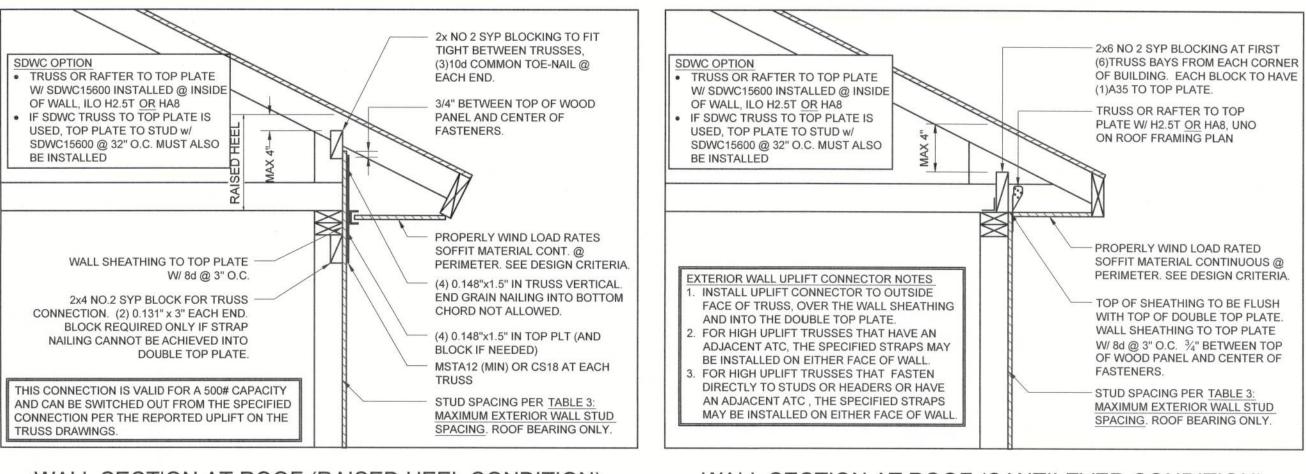
TRUSSES W/ 12" OR LESS OVERHANGS.

PROPERLY APPLIED



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WALL SECTION AT ROOF (RAISED HEEL CONDITION) (THIS SECTION IS TYPICAL FOR ONE AND TWO STORY APPLICATIONS)

WALL SECTION AT ROOF (CANTILEVER CONDITION) (THIS SECTION IS TYPICAL FOR ONE AND TWO STORY APPLICATIONS)

GENERAL NOTES APPLICABLE TO ALL:

1. ALL TOP PLATES ARE TO BE BUILT WITH (2)2x_ NO 2 SYP FASTENED W/(2) ROWS 10d @ 8" O.C. STAGGERED (UNO). MINIMUM 48" LAP W/ MINIMUM (20)10d IN LAP.

ADJUST TYPICAL NAIL SPACING AS NEEDED.

2. ALL BOTTOM PLATES ARE TO BE 2x_ NO 2 SYP PT.

3. ALL INTERIOR LOAD BEARING WALL STUDS ARE TO BE MINIMUM 2X4 NO 2 SPF AT 16" O.C. UNLESS NOTED OTHERWISE ON FRAMING PLAN.

4. FOR EXTERIOR WALL STUD SIZE AND SPACING, REFER TO TABLE 3: MINIMUM EXTERIOR WALL STUD SIZES ON SHEET ST-1.

5. FOR SHEATHING SIZE AND FASTENING REFER TO TABLE 2: WOOD STRUCTURAL PANEL SHEATHING REQUIREMENTS ON SHEET ST-1.

6. FOUNDATION INFORMATION ON THIS PAGE IS FOR GRAPHICAL DEPICTION ONLY. REFER TO FOUNDATION PLAN AND SECTIONS FOR FOUNDATION INFORMATION.

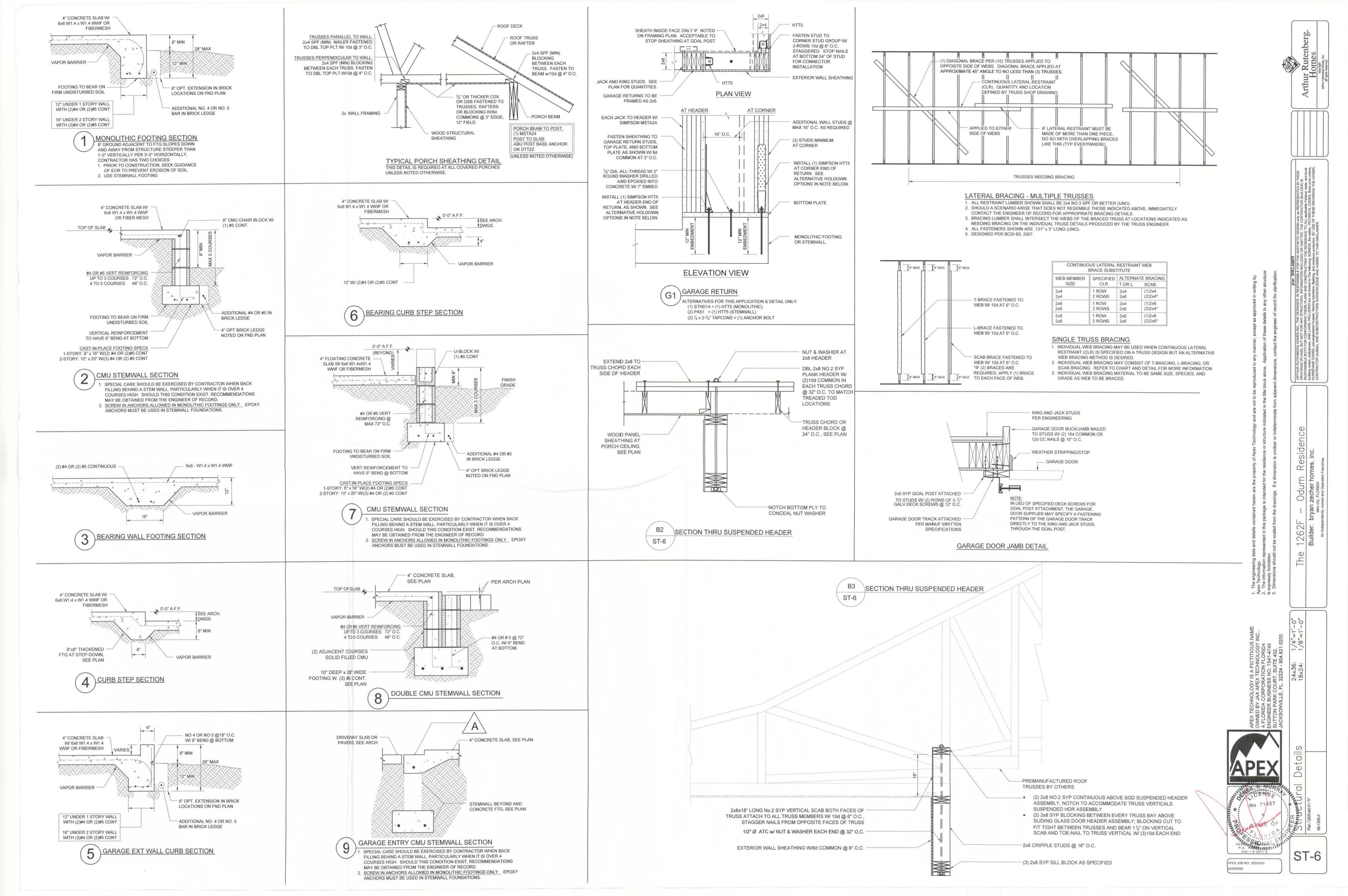
7. WALL SECTION AT FOUNDATION AND WALL SECTION AT ROOF ARE TYPICAL FOR ONE AND TWO STORY APPLICATIONS.

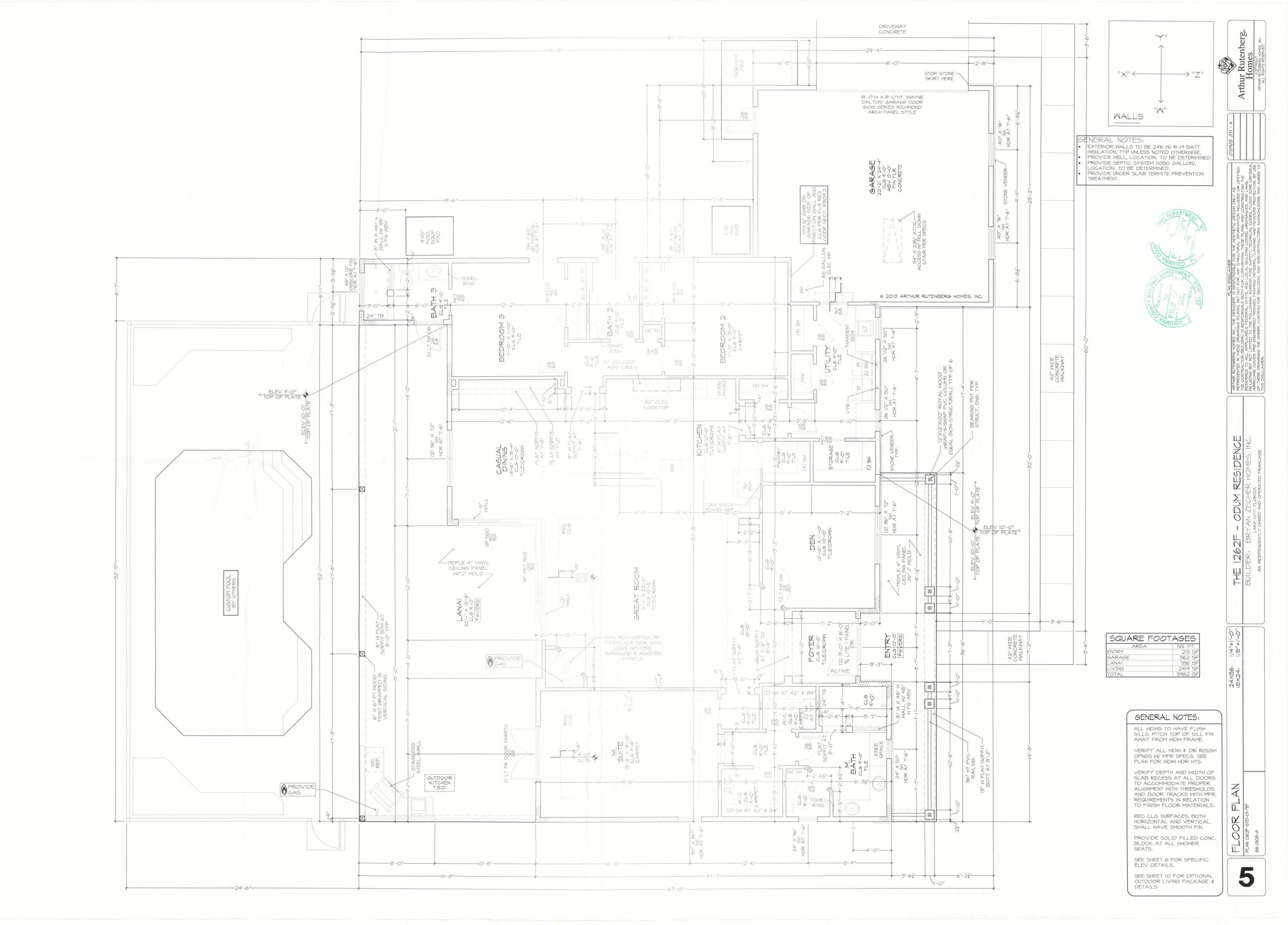
8. STUD TO BOTTOM PLATE CONNECTION MAY BE OMITTED IF 1/2" ANCHOR W/ 3" SQUARE BY 1/4" WASHER INSTALLED @ 24" O.C. (WASHER NOT REQUIRED W/ MASA)



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ST-5

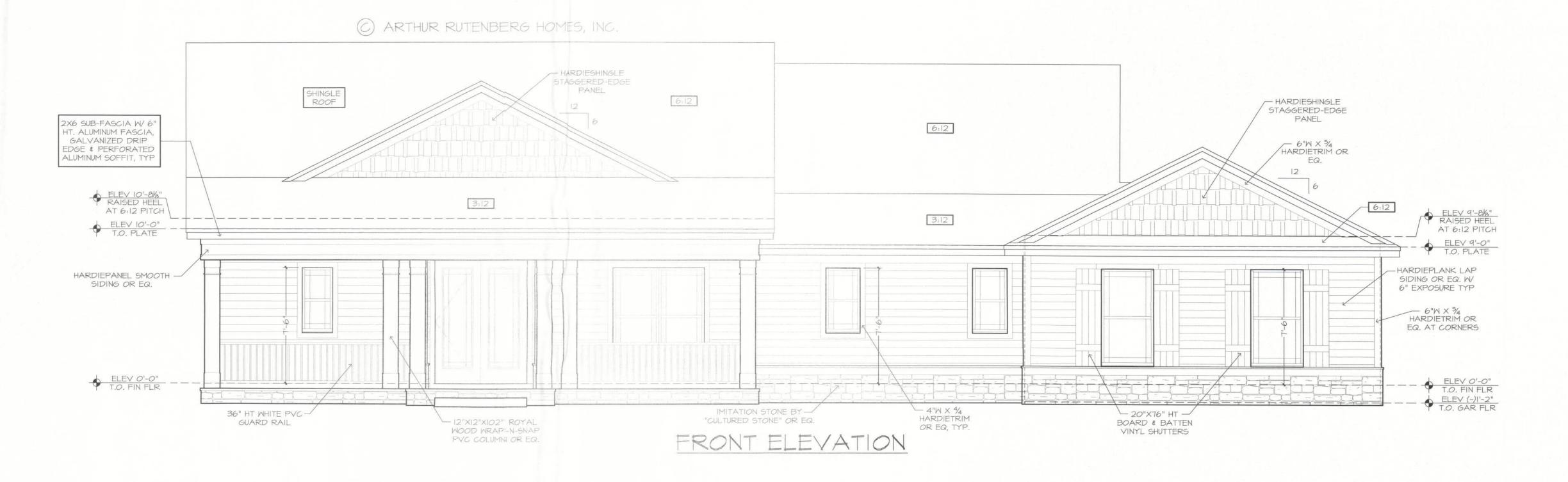






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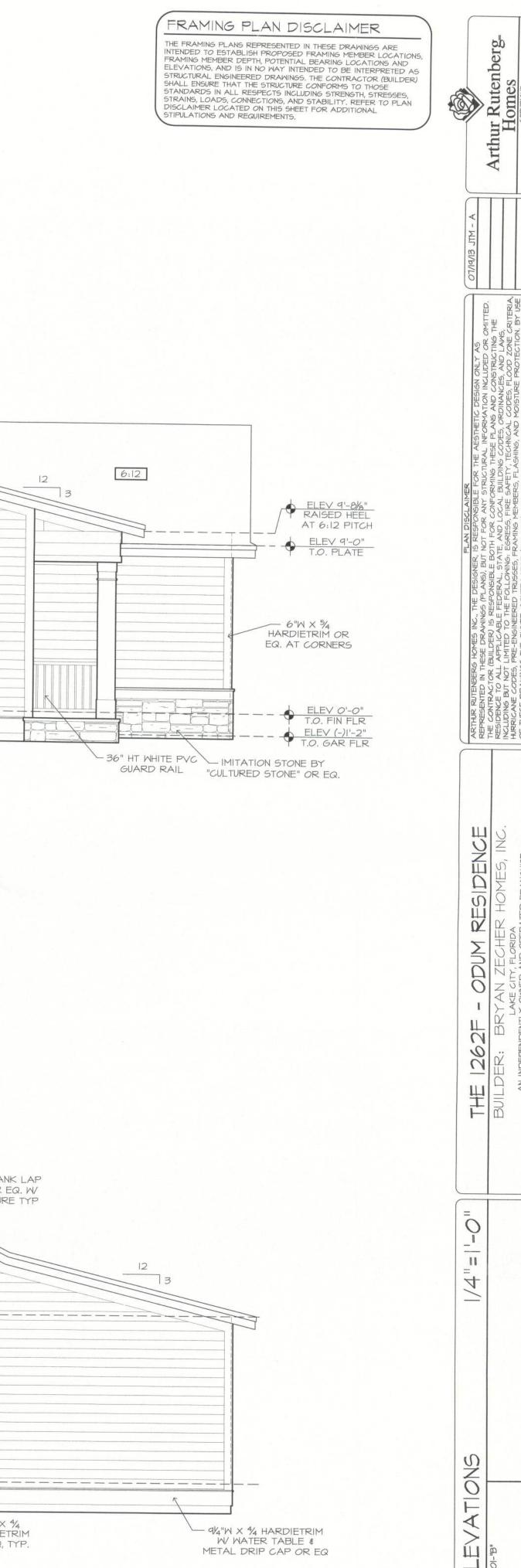


GENERAL NOTES:

- FLAT SOFFIT AT PERIMETER OF HOUSE UNLESS NOTED OTHERWISE.
- VERIFY ALL WDW & DR ROUGH OPNGS W/ MFR SPECS.
- LOCATE ALL PLUMBING STACKS BEYOND THE FRONT ELEV ROOF RIDGES, IF ALLOWABLE
- PER CODE. · ROOF VENTS SHOWN FOR LOCATION PURPOSE
- ONLY

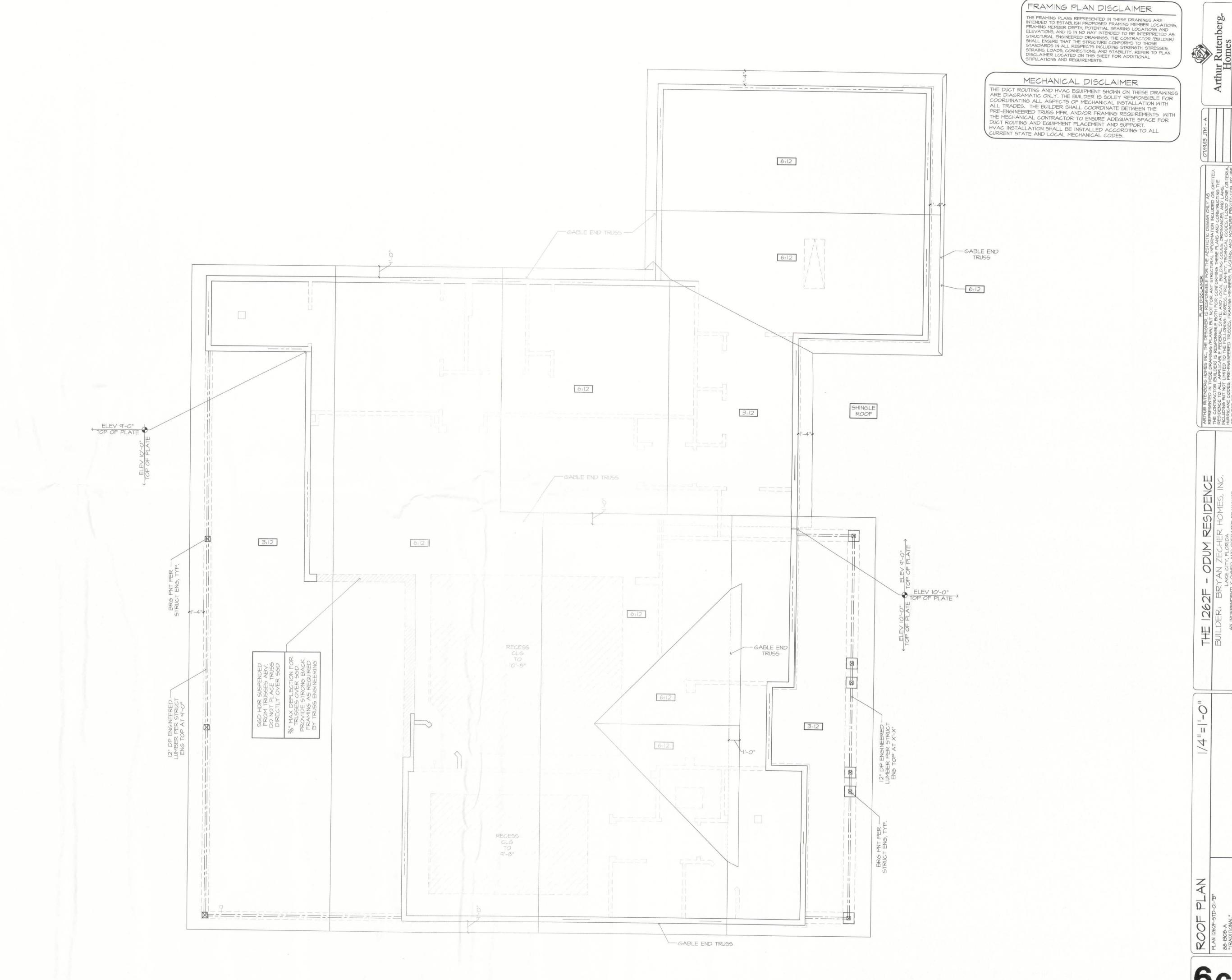
 NUMBER OF ROOF VENTS TO BE DETERMINED
 BY BUILDER

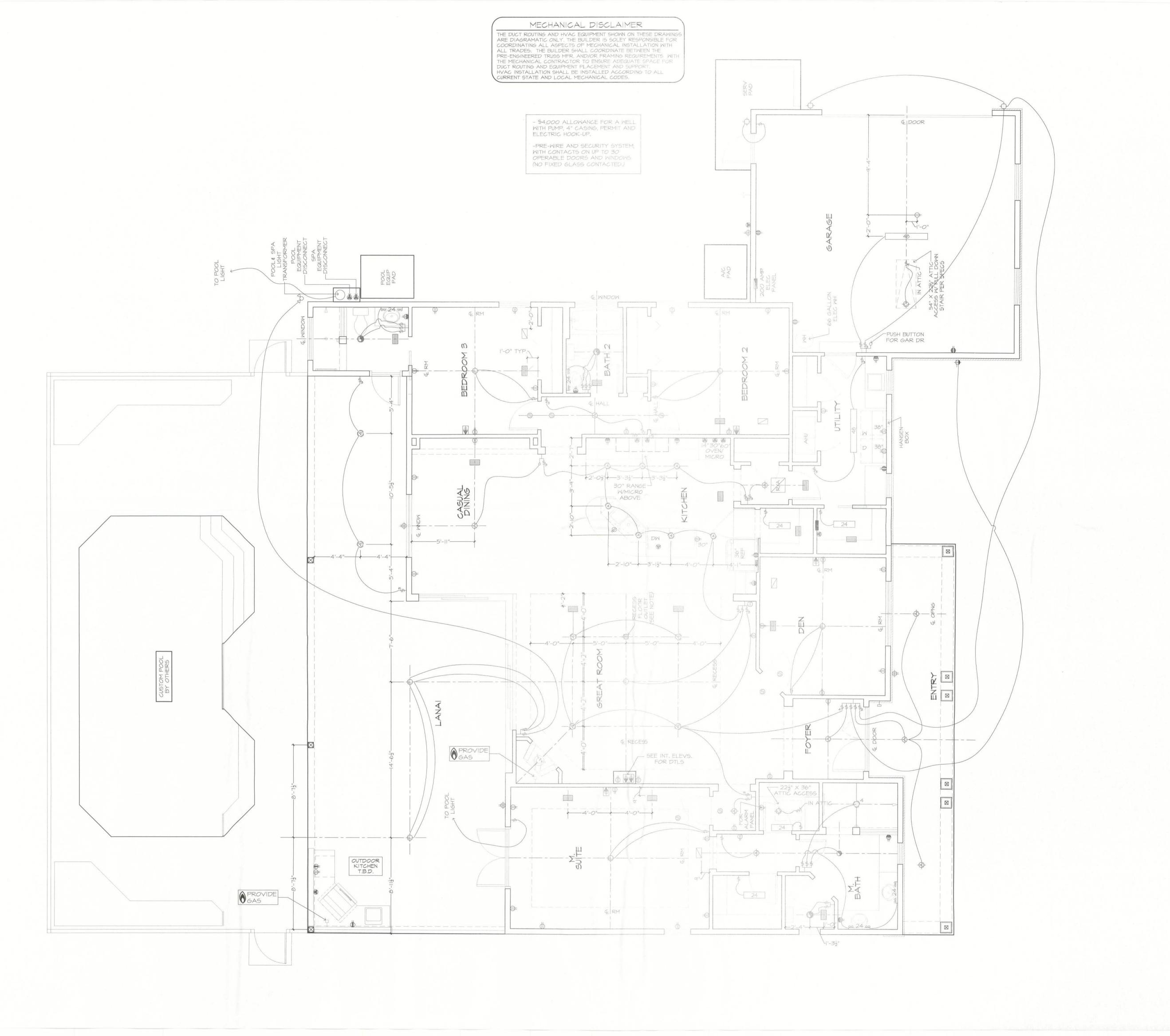
FRAMING PLAN DISCLAIMER THE FRAMING PLANS REPRESENTED IN THESE DRAWINGS ARE INTENDED TO ESTABLISH PROPOSED FRAMING MEMBER LOCATIONS, FRAMING MEMBER DEPTH, POTENTIAL BEARING LOCATIONS AND ELEVATIONS, AND IS IN NO WAY INTENDED TO BE INTERPRETED AS STRUCTURAL ENGINEERED DRAWINGS, THE CONTRACTOR (BUILDER) SHALL ENGURE THAT THE STRUCTURE CONFORMS TO THOSE STANDARDS IN ALL RESPECTS INCLUDING STRENGTH, STRESSES, STRAINS, LOADS, CONNECTIONS, AND STABILITY. REFER TO PLAN DISCLAIMER LOCATED ON THIS SHEET FOR ADDITIONAL STIPULATIONS AND REQUIREMENTS.

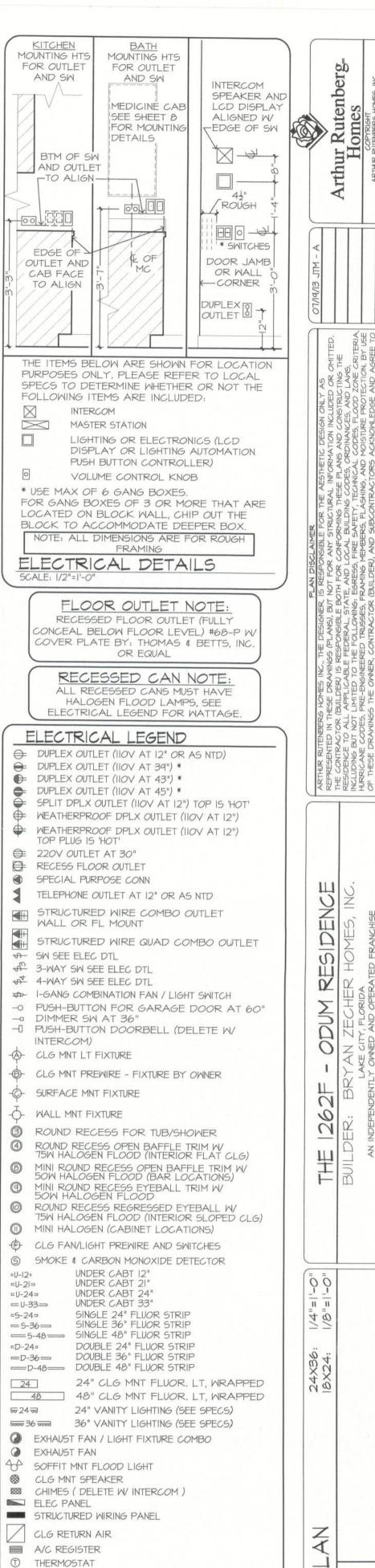












SECURITY PAD

DISPLAYS.

SOURCE SHALL BE G.F.I.

AND HALLWAYS, TYP UNO

* NOTE: ALL OUTLETS ABOVE COUNTERS SHALL BE MOUNTED HORIZONTALLY * NOTE: ALL EXTERIOR OUTLETS, WALL

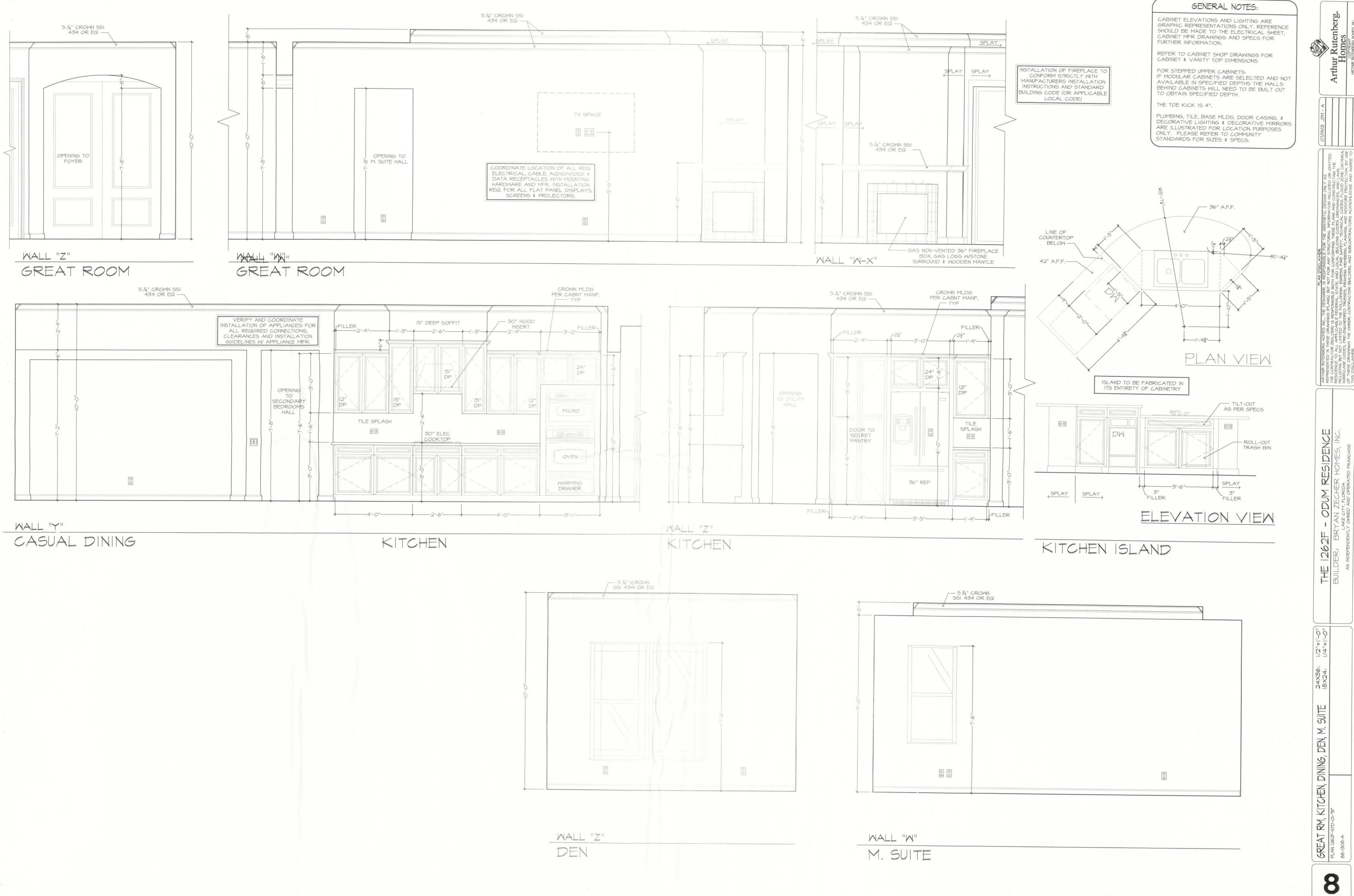
ALL NON-GFI OR 220V OUTLETS ARE PROTECTED BY AN ARC-FAULT CIRCUIT

* NOTE: LIGHTS, FANS, SMOKE DETECTORS, A/C SUPPLIES AND RETURN AIRS TO BE PLACED ON CENTERLINES OF DOORS, WDWS

OUTLETS IN GARAGE, KITCHENS, BATHROOMS AND ALL OUTLETS WITHIN 6'-O" OF A WATER

INTERRUPTER. ALL HEIGHTS TO CENTERLINE AFF.

* NOTE: SMOKE DETECTORS SHALL BE INSTALLED PER NFPA72 AND 2010 FBC-R SECTION R314. * NOTE: COORDINATE LOCATION OF ALL REQ. ELECTRICAL, CABLE, AUDIO/VIDEO & DATA RECEPTACLES W/ MOUNTING HARDWARE & MFR. INSTALLATION REQ. FOR ALL FLAT PANEL



THE 1262F -

