

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



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



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

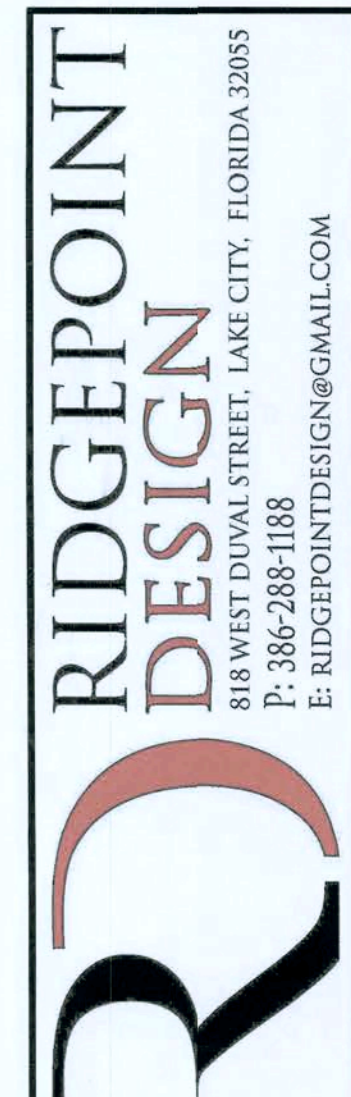


FRONT ELEVATION
SCALE: 1/4" = 1'-0"

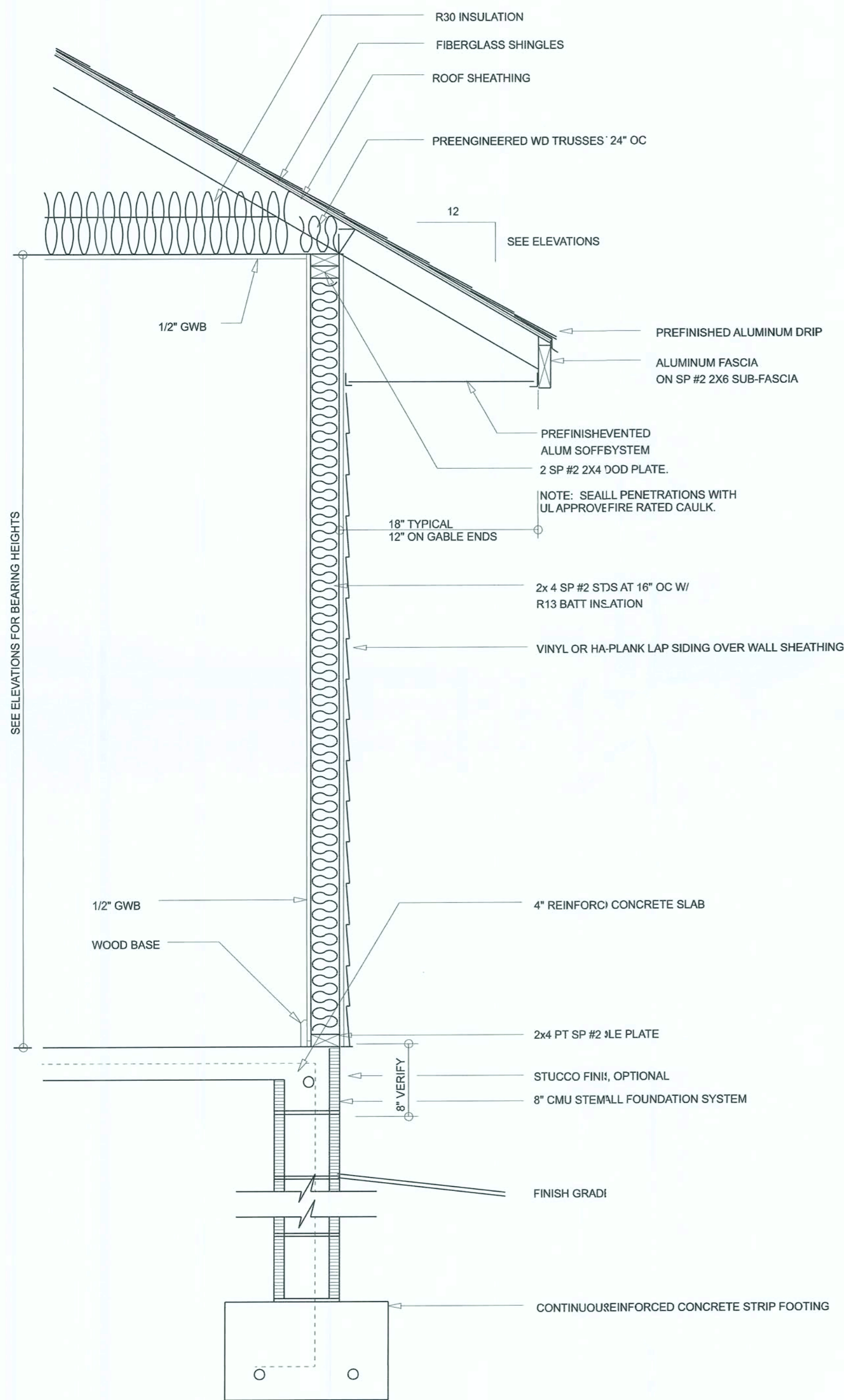


REVISIONS SCHEDULE		
Nov. 4th, 2019	PERMIT DRAWINGS	
Feb. 26th, 2020	ELEV. FINISH REV.	

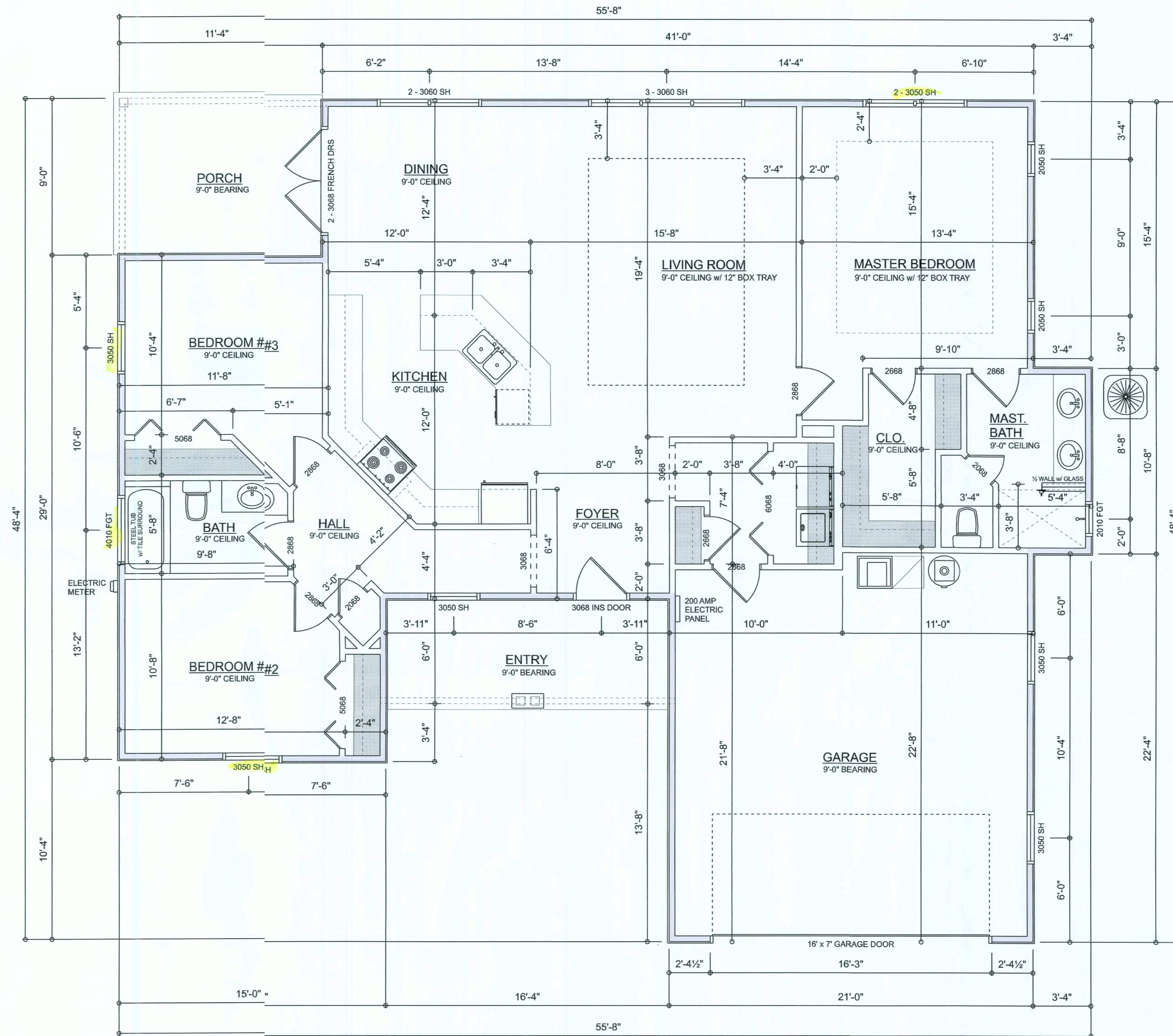
AN NEW SPEC HOME FOR:
STANLEY CRAWFORD CONST.
Lot 11 Hickory Cove, Lake City, FL



SHEET NUMBER
A.1
OF 4 SHEETS



TYPICAL WALL SECTION
SCALE: 1" = 1'-0"



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

AREA SUMMARY

LIVING	1524	S.F.
PORCH	102	S.F.
ENTRY	98	S.F.
GARAGE	462	S.F.
GRAND TOTAL	2,186	S.F.

TOTAL CUBIC SQUARE FOOTAGE OF CONDITIONED SPACE IS: 13,716

REVISIONS SCHEDULE		
Nov. 4th, 2019	PERMIT DRAWINGS	
Feb. 28th, 2020	ELEV. FINISH REV.	

ANew SPEC HOME FOR:
STANLEY CRAWFORD CONST.
Lot 11 Hickory Cove, Lake City, FL

RIDGEPOINT DESIGN
818 WEST DUAL STREET, LAKE CITY, FLORIDA 32055
P: 386-286-1188
E: RIDGEPOINTDESIGN@GMAIL.COM

SHEET NUMBER
A.2
OF 4 SHEETS

ELECTRICAL LEGEND		
ELECTRICAL	COINT	SYMBOL
CEILING FAN		
CAN LIGHT 6inch	:	
LED CEILING LIGHT 1x4	:	
PENDANT LIGHT	:	
EXTERIOR SCONCE	:	
MOTION SECURITY LIGHT	:	
ELECTRIC METER	:	
CARBON DETECTOR	:	
EXHAUST FAN	:	
EXHAUST FAN & LIGHT COMBO	:	
OUTLET	2	
OUTLET 220v	:	
OUTLET GFI	1	
OUTLET WP	:	
SMOKE DETECTOR	:	
STANDARD LIGHT	:	
SWITCH	2	
SWITCH 3 WAY	:	
VANITY BAR LIGHT - SMALL	:	

ELECTRICAL PLAN NOTES:

INSTALLATION SHALL BE PER 2017 NAT'L ELECTIC CODE.

WIRE ALL APPLIANCES, HVAC UNITS AND OTHEEQUIPMENT PER MANUF. SPECIFICATIONS

CONSULT WITH THE OWNER FOR THE NUMBERF SEPERATE TELEPHONE LINES TO BE INSTALLED

ALL SMOKE DETECTORS SHALL BE 120v W/ BATERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AD NEAR ALL BEDROOMS

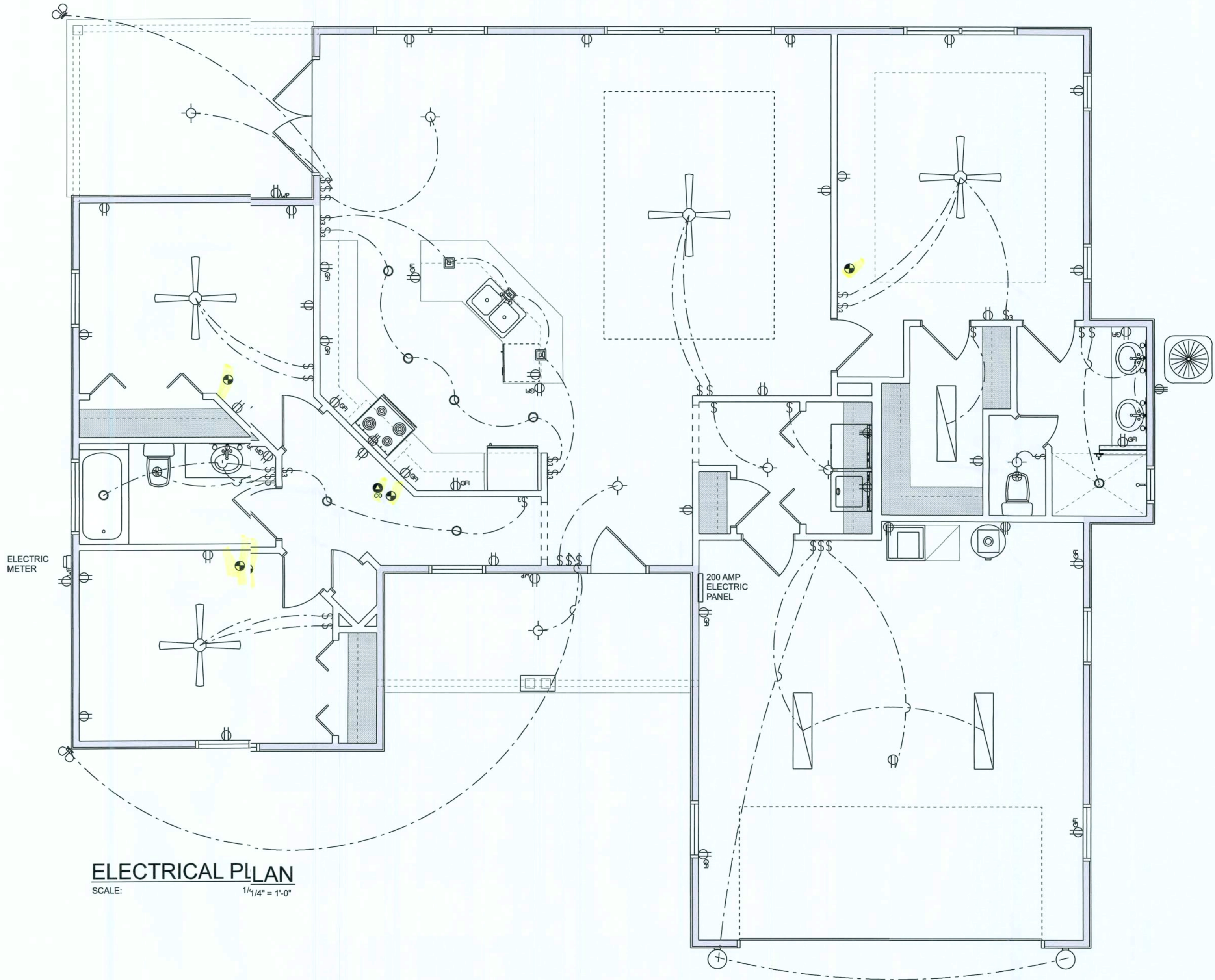
TELEPHONE, TELEVISION AND OTHER LOW VOAGE DEVICES OR OUTLETS SHALL BE AS PER THE ONER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABL SECTIONS OF NEC-LATEST EDITION.

ALL RECEPTICALS, NOT OTHERWISE NOTED, SALL BE ARC FAULT INTERRUPTER TYPE, EXCEPT DEDICATE OUTLETS

ALL RECEPTICALS IN WET AREAS SHALL BE GRUND FAULT INTERRUPTER TYPE (GFI)

ALL EXTERIOR RECEPTICALS SHALL BE WEATHRPROOF GROUD FAULT INTERRUPTER TYPE (WP/GFI)

NOTE:
ELECTRICAL CONTR SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INQUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NS TO THELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE VALL CKTS IDENTIFIED W/ CKT Nr. DESCRIPTION & BRKR, SRVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTG / DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE EQUIPMENT TYPE W/ RATINGS & LOADS
CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING JTHORITY



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

REVISIONS SCHEDULE		
Nov. 4th, 2019	PERMIT DRAWINGS	
Feb. 28th, 2020	ELEV FINISH REV.	

AN NEW SPEC HOME FOR:

STANLEY CRAWFORD CONST.

Lot 11 Hickory Cove, Lake City, FL

RIDGEPOINT
DESIGN

818 WEST DUAL STREET, LAKE CITY, FLORIDA 32055
P: 386-286-1188
E: RIDGEPOINTDESIGN@GMAIL.COM

Technical drawing showing a cross-section of a concrete footing and an 8" CMU wall. The footing is 20" wide and 10" high, containing 2 #5 bars continuous on wire or plastic chairs. The wall is 8" thick and 12" high, with #5 ELLS at 48" O.C. MAX. and #5 dowels at 48" O.C. MAX. The wall is bonded to the footing with 8" CMU bond beam w/ #5 bar, continuous with a minimum lap of 25".

Labels and dimensions:

- 8" CMU
- 12"
- 6"
- 8" CMU BOND BEAM W/ #5 BAR CONT/25" MIN. LAP
- #5 ELLS $\times 12" \times 18"$ @ 48" O.C. MAX.
- #5 DOWELS @ 48" O.C. MAX.
- 2500 PSI CONC. FOOTING
- 2 #5 BARS CONTINUOUS ON WIRE OR PLASTIC CHAIRS
- 10"
- 3"
- 7"
- 6"
- 7"
- 20"

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

18"

18"

18"

3 - #5 BARS
CONTINUOUS
ON WIRE/PLASTIC
CHAIRS ϕ 48" O.D.

SCALE: not to scale

16"

16"

2 - #5 BARS
CONTINUOUS
ON WIRE/PLASTIC
CHAIRS @ 48" O.C.

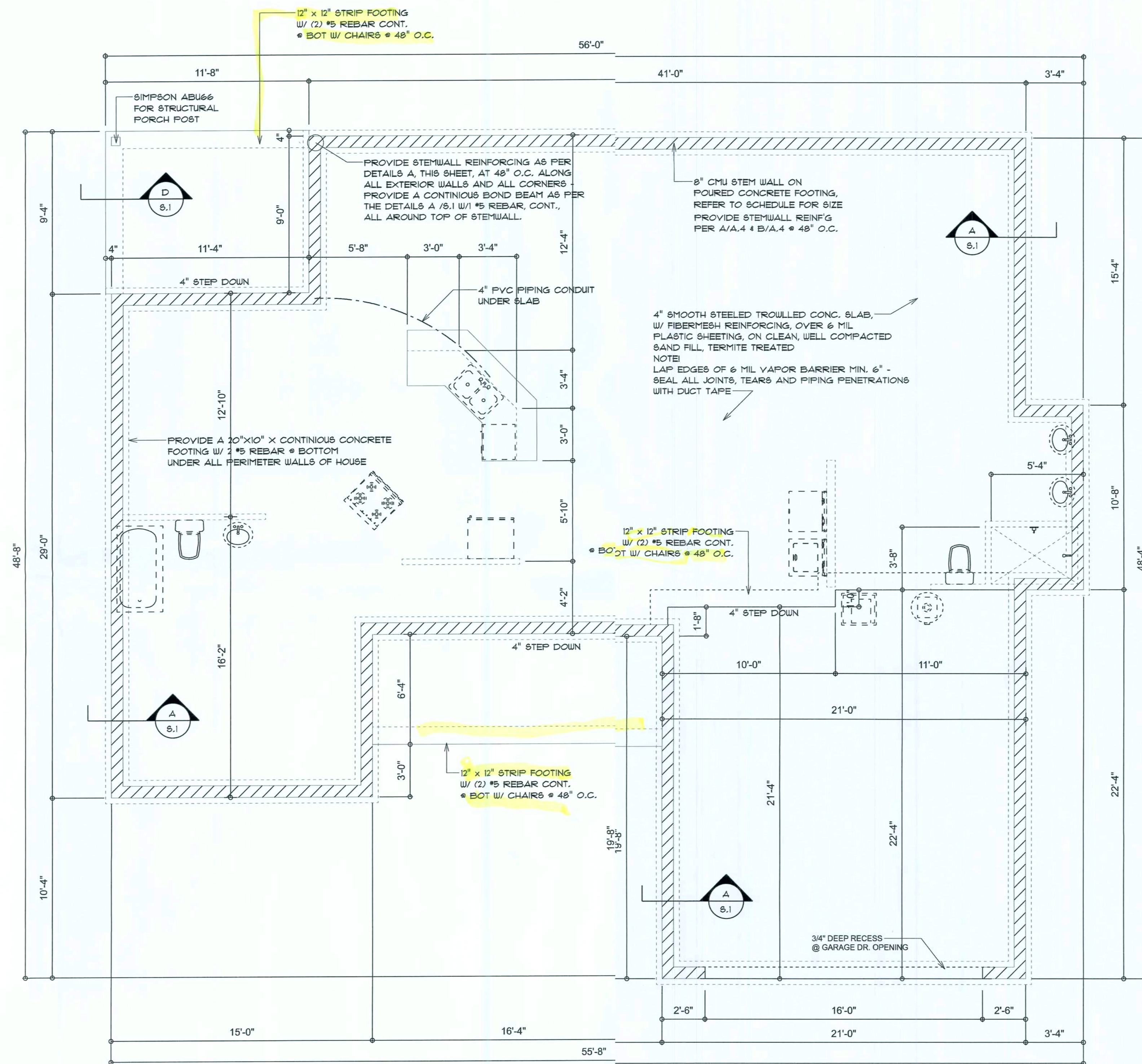
SCALE: not to scale

12"

12"

2 - #5 BARS
CONTINUOUS
ON WIRE/PLASTIC
CHAIRS @ 48" O.C.

SCALE: not to scale



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

- NOTE:
H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP
DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL
DUCTWORK LOC., SIZES, LINES, EQUIPMENT SCH. & BALANCING
REPORT - CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS
TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

REVISIONS
Sept. 11th, 2020

A NEW SPEC HOUSE FOR:
STANLEY CRAWFORD CONST.
1444 Lakeside Court, Johns City, Et

LOT 11 HICKORY COVE, LAKE CITY, FL

N
**NICHOLAS
PAUL
GEISLER
ARCHITECT**
1755 NW Lake City Blvd.
#306
Fort Lauderdale, FL 33309
(305) 361-1111
F.L.A.R.B. Certified

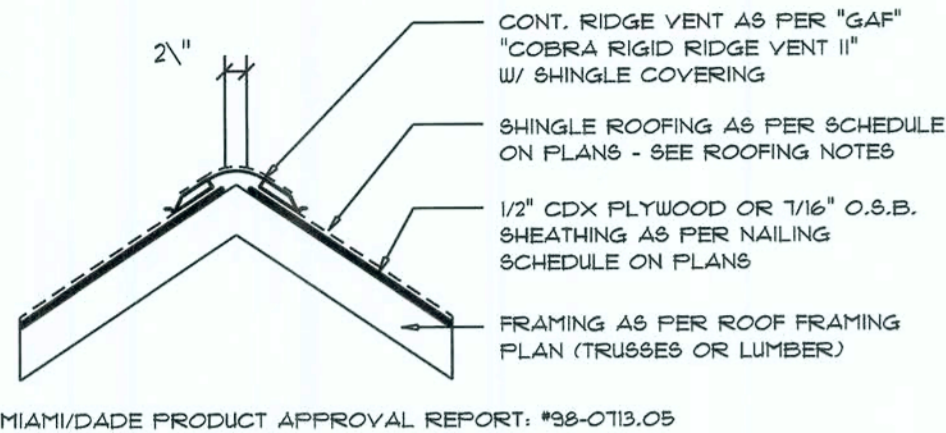
SHEET NUMBER

S.1

OF 4 SHEETS

(

AREA OF ATTIC	REQ'D L.F. OF VENT	NET FREE AREA OF INTAKE
1600 SF	20 LF	410 SQ.IN.
1900 SF	24 LF	490 SQ.IN.
2200 SF	28 LF	570 SQ.IN.
2500 SF	32 LF	650 SQ.IN.
2800 SF	36 LF	730 SQ.IN.
3100 SF	40 LF	820 SQ.IN.
3600 SF	44 LF	900 SQ.IN.



Ridge Vent DETAIL
SCALE: 3/4" = 1'-0"

B

ROOFING METALS for FLASHING/ROOFING MINIMUM THICKNESS REQUIREMENTS			
MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGHT (OZ.)
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	0.0175	26 (ZINC COATED G90)	
ZINC ALLOY LEAD PAINTED TERNE	0.021		40 20

Roofing/Flashing DETS.
SCALE: NONE

A

GENERAL TRUSS NOTES:

- TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NATIONAL FOREST PRODUCTS ASSOCIATION" MANUAL FOR "STRESS RATED LUMBER AND ITS CONNECTIONS", LATEST Ed., ALONG W/ THE "TRUSS PLATE INSTITUTE" SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT BRACING, AND HANDLING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETS, & TRUSS TO TRUSS CONNECTIONS.
- TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
- FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIREMENTS MAY BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND WIND UPLIFT REQUIREMENTS OF TRUSSES OR GIRDERS. THE CONTRACTOR SHALL MAKE AVAILABLE A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE PURPOSE OF REVIEW OF LOADS IMPOSED ON THE BALANCE OF THE STRUCTURE. ANY SUCH REQUIRED CHANGE SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THIS STRUCTURE.

STANDARD HEADER SCHEDULE

0'-0" UP TO 6'-0" OPENINGS

DOUBLE 2x8 No.2 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10d x 0.128" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 1 - SIMPSON MSTA15 TOP AND 1 - SIMPSON 5P44R BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 1 FULL HEIGHT STUD EACH SIDE OF OPENING

6'-0" UP TO 9'-0" OPENINGS

DOUBLE 2x12 No.2 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10d x 0.128" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 3 - SIMPSON MSTA24 TOP AND 2 - SIMPSON 5P44R BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 2 FULL HEIGHT STUDS EACH SIDE OF OPENING

9'-0" UP TO 16'-0" OPENINGS

DOUBLE 2x12 No.2 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10d x 0.128" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 3 - SIMPSON MSTA15 EACH SIDE OF OPENING WITH 2 - HEADER STUDS AND 3 FULL HEIGHT STUDS EACH SIDE OF OPENING

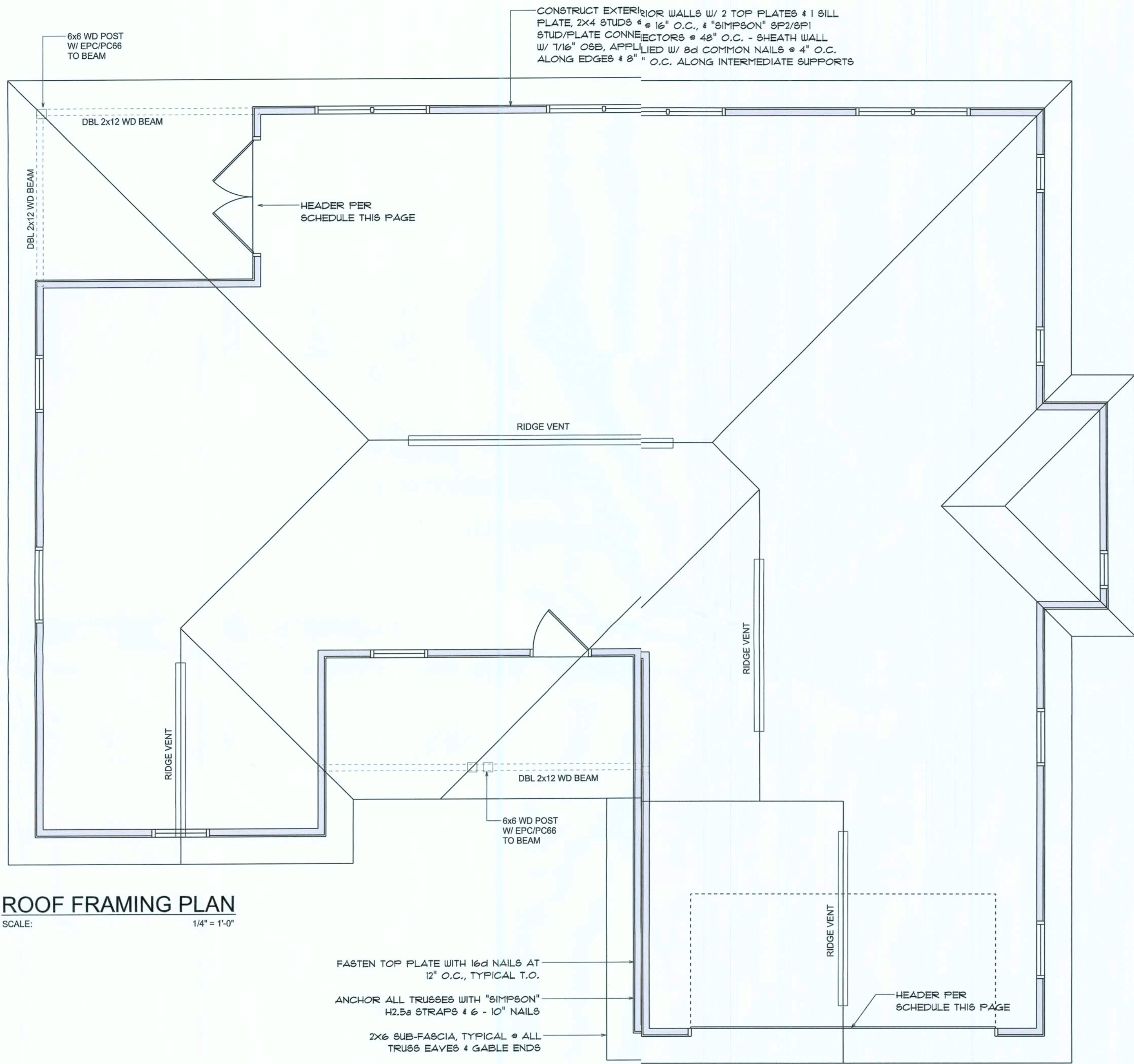
16'-0" GARAGE DOOR OPENINGS

2 PLY 1 1/8" x 11 7/8" 2.0E MICROLAM LVL HEADER GLUED AND NAILED WITH 10d x 0.128" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 3 - SIMPSON MSTA15 EACH SIDE OF OPENING WITH 2 - HEADER STUDS AND 3 FULL HEIGHT STUDS EACH SIDE OF OPENING

ROOF PLAN NOTES

- R-1 SEE ELEVATIONS FOR ROOF PITCH
R-2 ALL OVERHANG 18" (12" on gables) UNLESS OTHERWISE NOTED
R-3 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON SD.3
R-4 SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HEEL HEIGHTS
R-5 MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

NOTE: SP2/SP1 STUD/PLATE CONNECTORS ARE NOT REQUIRED WHEN USING WINDSTORM SHEATHING BOARDS



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

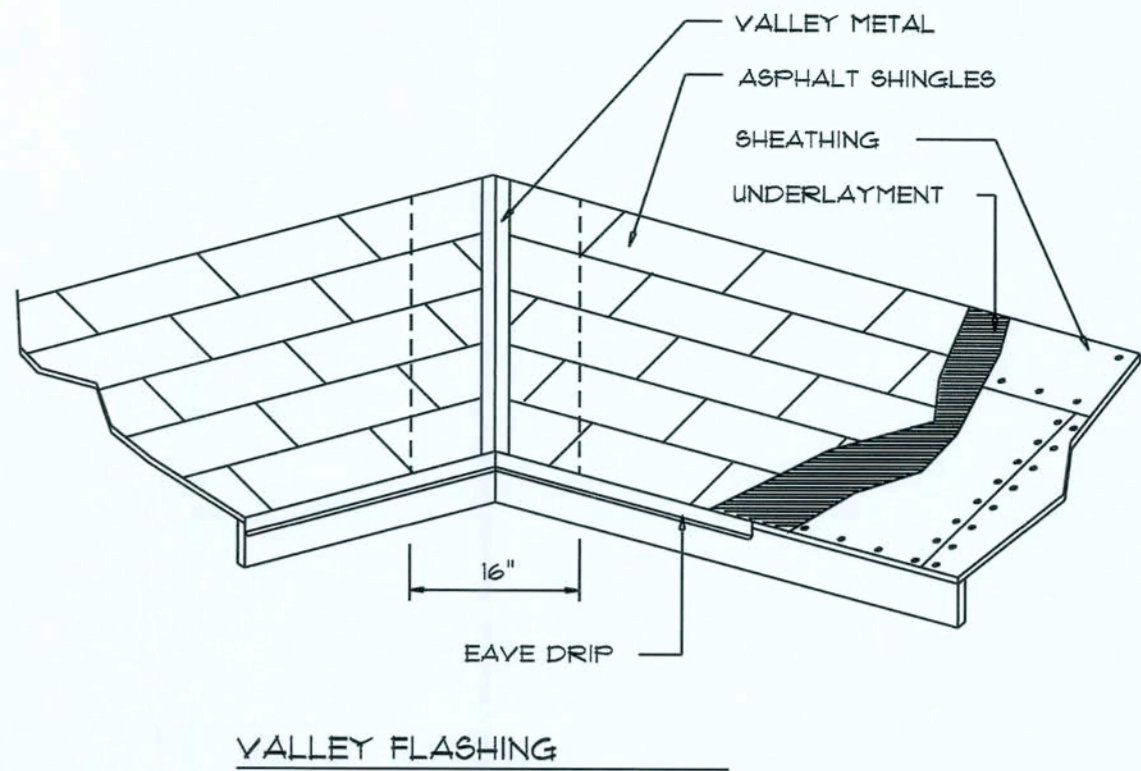
- FASTEN TOP PLATE WITH 16d NAILS AT 12" O.C., TYPICAL T.O.
ANCHOR ALL TRUSSES WITH "SIMPSON" H2.5a STRAPS & 6 - 10" NAILS
2X6 SUB-FASCIA, TYPICAL @ ALL TRUSS EAVES & GABLE ENDS
HEADER PER SCHEDULE THIS PAGE

NOTE:
SHEATH ROOF W/ 1/2" CDX PLYWOOD OR 1/16" OSB PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES, SECURE TO FRAMING W/ 8d NAILS - AS PER DETAIL ON SHEET SD.4

NOTE:
THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER FBC 1609 AND LOCAL JURISDICTION REQUIREMENTS

NOTE:
ANCHOR GIRDER TRUSSES(ES) TO HEADER WITH 2 "SIMPSON" LGT(2, 3 OR 4), ANCHOR HEADER TO KING STUDS W/ 2 "SIMPSON" ST22 EA. END - TYP., T.O.

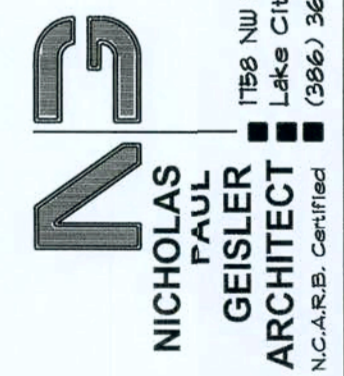
NOTE:
REFER TO THE WINDOW/DOOR HEADER SCHEDULE ON SHEET SD.4 FOR ALL MINIMUM SIZE HEADERS AND ALTERNATES MINIMUM SIZE ALLOWABLE IS 2-2X10.



REVISIONS
Sept. 11th, 2020

NEW SPEC HOUSE FOR:
STANLEY CRAWFORD CONST.

Lot 11 Hickory Cove, Lake City, FL



SHEET NUMBER

S.2

OF 4 SHEETS



FLORIDA BUILDING CODE	
Compliance Summary	
TYPE OF CONSTRUCTION	
Roof:	Gable Construction, Wood Trusses @ 2' O
Walls:	2x4 Wood Studs @ 16" O.C.
Floor:	4" Thk. Concrete Slab w/ Fibermesh (concrete Additive)
Foundation:	Continuous Footer/Stem Wall
ROOF DECKING	
Material:	1/2" CD Plywood or 7/16" O.S.B.
Sheet Size:	48"x96" Sheets Placed Perpendicular to Roof Framing
Fasteners:	.113 RING SHANKED Nails per schedule on sheet 6.4
SHEARWALLS	
Material:	1/2" CD Plywood or 7/16" O.S.B.
Sheet Size:	48"x96" Sheets Placed Vertical
Fasteners:	.113 RING SHANKED Nails @ 4" C. Edges @ 8" O.C. Interior
Diaphragm:	Double Top Plate (S.T.F.) 1/16" Nails @ 12" O.C.
Wall Studs:	2x4 Studs @ 16" O.C.
HURRICANE UPLIFT CONNECTORS	
Truss Anchors:	SIMPSON H2.5a @ Ea. Truss Ed (Typ. U.O.N.)
Wall Tension:	Wall Sheathing Nailing is Adequate - 8d @ 4" O.C. Top @ Bot.
Anchor Bolts:	1/2" A307 Bolts @ 48" O.C. at Bolt @ from corner
Corner Hold-down Device:	(1) HD5a @ ea. corner
Porch Column Base Connector:	Simpson AJ66 @ each column
Porch Column to Beam Connector:	Simpson STA20 (2 ea. side) or Simpson C66 or 2 - 5/8" thru bolts
FOOTINGS AND FOUNDATIONS	
Footings:	20"x10" Cont. w/ 2 - #5 Bars Cont. 1 wire/plastic chairs @ 48" o.c.
Stemwall:	8" C.M.U. w/1-#5 Vertical Dowel @ 4' O.C.

STRUCTURAL DESIGN CRITERIA:

1. THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2017 FLORIDA BUILDING CODE - SECTION 1609 AND OTHER REFERENCED CODES AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT.

2. WIND LOAD CRITERIA: RISK CATEGORY: 2, EXPOSURE: "B"

BASED ON ANSI/ASCE 7-10, 2017 FBC 1609-A WIND VELOCITY: V_W = 130 MPH
V_{ASCE} = 121 MPH

3. ROOF DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 20 PSF
SUPERIMPOSED LIVE LOADS: 20 PSF

4. FLOOR DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 25 PSF
SUPERIMPOSED LIVE LOADS:
RESIDENTIAL 40 PSF
BALCONIES 60 PSF

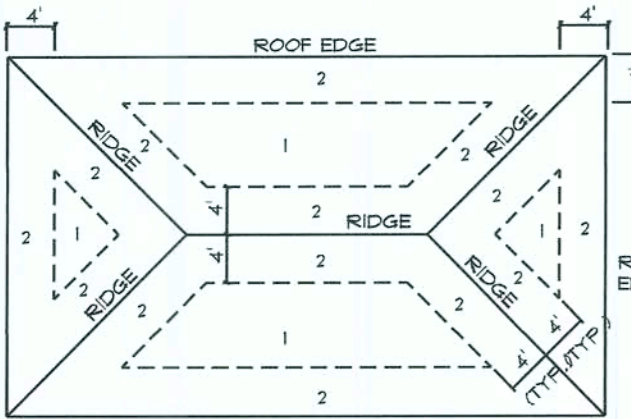
5. WIND UPLIFT: ARE AS INDICATED ON PLANS

BUILDING COMPONENTS & CLADDING LOADS MEAN BUILDING HEIGHT = 30.0', EXPOSURE "B" ROOF ANGLE 21° TO 45°		WIND SPEED (MPH)		WIND SPEED (MPH)		WIND SPEED (MPH)		WIND SPEED (MPH)	
		10	15	20	25	30	35	40	45
ROOF - 1/2" CD	1	10	19.9 / -21.8	23.1 / -25.9	27.8 / -30.4	32.3 / -35.3	37.4 / -39.9	42.9 / -43.1	48.8 / -43.1
	2	20	19.4 / -20.1	23.0 / -24.6	27.0 / -28.9	31.4 / -33.5	36.2 / -37.1	41.4 / -39.1	47.1 / -39.1
	3	30	19.6 / -19.2	22.2 / -22.8	26.0 / -26.8	30.2 / -31.1	34.8 / -34.8	39.6 / -39.6	44.6 / -39.6
WALL	1	10	19.9 / -25.5	23.1 / -30.3	27.8 / -35.6	32.3 / -41.2	37.4 / -44.2	42.9 / -47.1	48.8 / -47.1
	2	20	19.4 / -24.3	23.0 / -28.0	27.0 / -34.0	31.4 / -39.4	36.2 / -41.1	41.4 / -41.1	47.1 / -41.1
	3	30	19.6 / -22.9	22.2 / -27.2	26.0 / -32.0	30.2 / -37.1	34.8 / -41.1	39.6 / -41.1	44.6 / -41.1
WALL	1	10	21.8 / -23.6	25.9 / -34.1	30.4 / -33.0	35.3 / -38.2	40.6 / -41.2	46.3 / -41.2	52.4 / -41.2
	2	20	20.8 / -22.6	24.7 / -26.9	29.0 / -31.6	33.7 / -36.7	38.9 / -39.4	44.6 / -39.4	50.7 / -39.4
	3	30	19.9 / -21.3	23.2 / -25.4	27.2 / -29.8	31.6 / -34.6	36.4 / -39.4	41.4 / -41.1	47.1 / -41.1
WALL	1	10	21.8 / -23.1	25.9 / -34.1	30.4 / -40.1	35.3 / -47.2	40.6 / -47.2	46.3 / -47.2	52.4 / -47.2
	2	20	20.8 / -21.2	24.7 / -33.4	29.0 / -38.0	33.7 / -44.0	38.9 / -44.0	44.6 / -44.0	50.7 / -44.0
	3	30	19.9 / -24.6	23.2 / -29.3	27.2 / -34.3	31.6 / -39.8	36.4 / -39.8	41.4 / -39.8	47.1 / -39.8

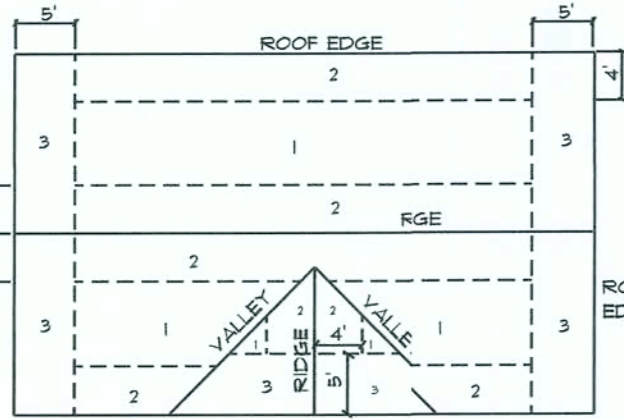
HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS
FOR BUILDING COMPONENTS & CLADDING

BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
15	1.00	1.21	1.41
20	1.00	1.28	1.55
25	1.00	1.35	1.61
30	1.00	1.40	1.66

ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	7/16" O.S.B. OR 15/32 CDX	.113 RING SHANKED NAILS	6 in. o.c. EDGE 12 in. o.c. FIELD
2			6 in. o.c. EDGE 6 in. o.c. FIELD
3			4 in. o.c. @ GABLE ENDWALL OR GABLE TRUSSES 6 in. o.c. EDGE 6 in. o.c. FIELD



ROOF SHEATHING NAILING ZONES
(HIP ROOF)



ROOF SHEATHING NAILING ZONES
(GABLE ROOF)

Roof Nail Pattern DET.

SCALE: NONE

B

FRAMING ANCHOR SCHEDULE

APPLICATION	MANUF'R/MODEL	CAP.
TRUSS TO WALL:	SIMPSON H2.5a	600*
GIRDER TRUSS TO POST/HEADER:	SIMPSON HTT4 filled w/ 16d NAILS	1185*
HEADER TO KING STUD(S):	SIMPSON ST2	1370*
PLATE TO STUD:	SIMPSON SP4	885*
STUD TO SILL:	SIMPSON SP4	885*
PORCH BEAM TO POST:	SIMPSON MSTA24 OR THRU BOLTED W/ (2) 5/8" BOLTS	1700*
PORCH POST TO FND.:	SIMPSON ABU44	OR EQUAL 2200*
MISC. JOINTS	SIMPSON A34	315*/240*

* ALTERNATE CONNECTORS ARE ACCEPTED OF EQUAL CAPACITY **

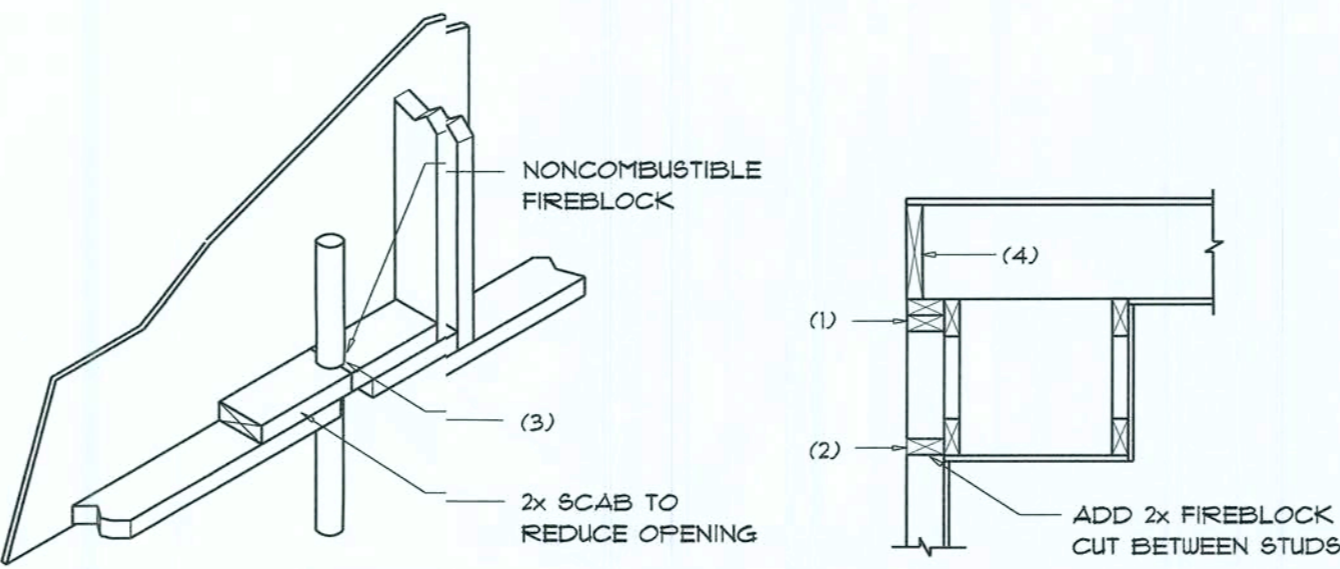
NOTE:
ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.

NOTE:
REFER TO THE INCLUDED STRUCTURAL DETAILS FOR ADDITIONAL ANCHORS/ JOINT REINFORCEMENT AND FASTENERS.

NOTE:
ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL T.O.

NOTE:
"BEMCO" PRODUCT APPROVAL:
MIAMI/DADE COUNTY REPORT #95-0818.15

NOTE:
"SIMPSON" PRODUCT APPROVAL:
MIAMI/DADE COUNTY REPORT #97-0107.05, #96-1126.11, #99-0623.04
SBCCI NER-443, NER-393



PENETRATIONS

FIREBLOCKING NOTES:

FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

- IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS.
- AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC.
- AT OPENINGS AROUND VENTILATION, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYRO PANEL MULTIFLEX SEALANT"
- AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS, FIREBLOCKING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.

Fire Stopping DETAILS

SCALE: NONE

A

General Roofing NOTES:

DECK REQUIREMENTS:
ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS.

SLOPE:
ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 2:12 OR GREATER. FOR ROOF SLOPES FROM 2:12 TO 4:12, DBL. UNDERLAYMENT IS REQUIRED.

UNDERLAYMENT:
UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM W/ ASTM D 226, TYPE I, OR ASTM D 4869, TYPE I.

SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET:
SELF ADHERING POLYMER MODIFIED BITUMEN SHALL COMPLY W/ ASTM D 1970.

ASPHALT SHINGLES:
ASPHALT SHINGLES SHALL HAVE SELF SEAL STRIPS OR BE INTERLOCKING, AND COMPLY WITH ASTM D 225 OR ASTM D 3462.

FASTENERS:
FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS, MINIMUM 12 GAUGE SHANK WITH A MINIMUM 3/8 INCH DIAMETER HEAD, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIAL AND A MINIMUM 3/4" INTO THE ROOF SHEATHING. WHERE THE SHEATHING IS LESS THAN 3/4" THICK, THE NAILS SHALL PENETRATE THROUGH THE SHEATHING.

ATTACHMENT:
ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE. WHERE ROOFS LOCATED IN BASIC WIND SPEED OF 110 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH ASTM D 3161 OR M-DC PA 107-95.

UNDERLAYMENT APPLICATION:
FOR ROOF SLOPES FROM 2:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:
1. STARTING AT THE EAVE, A 19 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

2. STARTING AT THE EAVE, 36 INCH WIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 19 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

FOR ROOF SLOPED 4:12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS:
STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

BASE AND CAP FLASHINGS:
BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFGR'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION RESISTANT METAL OR MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 1 LB5 PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.

VALLEYS:
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED:

- FOR OPEN VALLEYS LINED WITH METAL, THE VALLEY LINING SHALL BE AT LEAST 16" WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN FBC TABLE 1507.3.9.2.
- FOR OPEN VALLEYS, VALLEY LINING OF TWO PLYS OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 18 INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE.
- FOR CLOSED VALLEYS VALLEY LINING SHALL BE ONE OF THE FOLLOWING:
1. BOTH TYPES 1 AND 2 ABOVE, COMBINED.
2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224.
3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 1970.

TERMITE PROTECTION NOTES:

SOIL CHEMICAL BARRIER METHOD:

- A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 104.2.6
- CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 1503.4.4
- IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 1503.4.4
- TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6". EXCEPTION: PAINT AND DECORATIVE CEMENTIOUS FINISH LESS THAN 5/8" THICK, ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1403.1.6
- INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1016.1.1
- SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 1016.1.2
- BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT. FBC 1016.1.3
- MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 1016.1.4

- CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1016.1.5
- SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1016.1.6
- AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED. FBC 1016.1.6
- ALL BUILDINGS ARE REQUIRED TO HAVE PRE-CONSTRUCTION TREATMENT. FBC 1016.1.7
- A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES". FBC 1016.1.7
- AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.1.3
- NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4

REVISIONS

Sept. 11th, 2020

AN NEW SPEC HOUSE FOR:
STANLEY CRAWFORD CONST.

Lat 11 Hickory Cove Lake City, FL

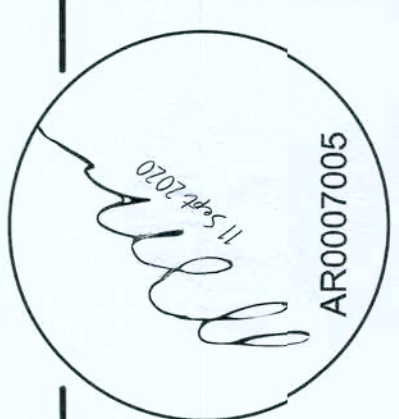


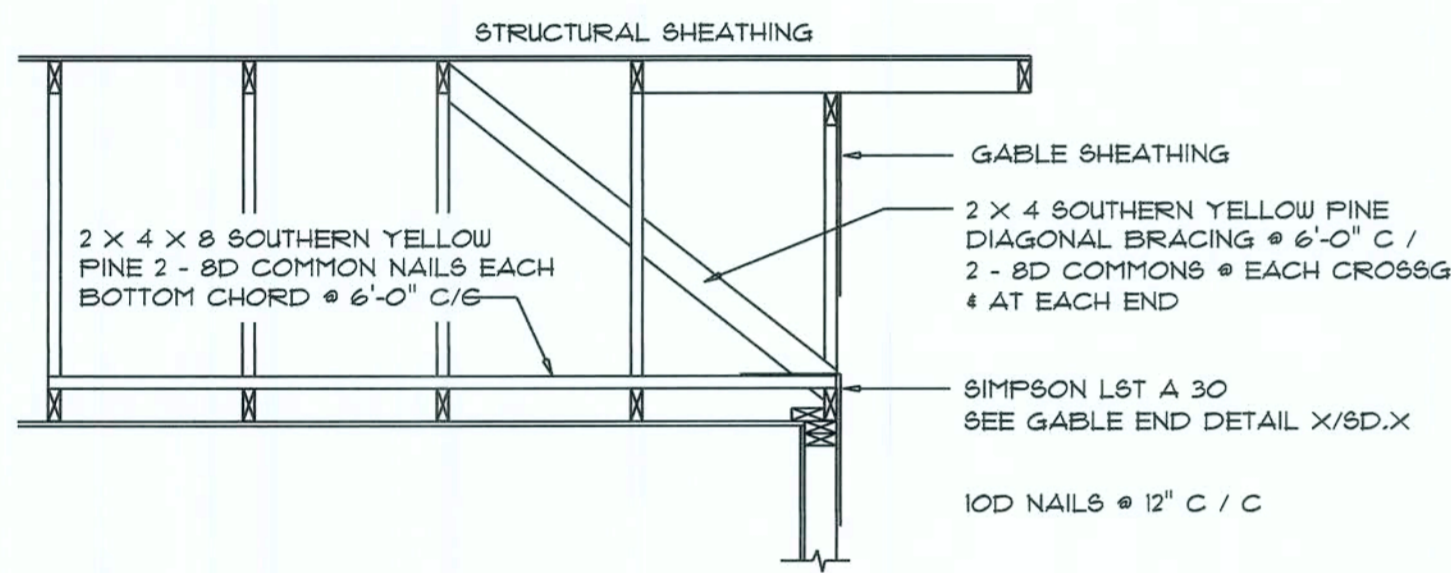
NICHOLAS
PATTI
GEISLER
ARCHITECT
N.C.A.R.E. Certified
186 NW Brown Rd.
Lakeland, FL 34055
(888) 365-4995

SHEET NUMBER

S.3

OF 4 SHEETS





END WALL BRACING FOR CEILING DIAPHRAGM

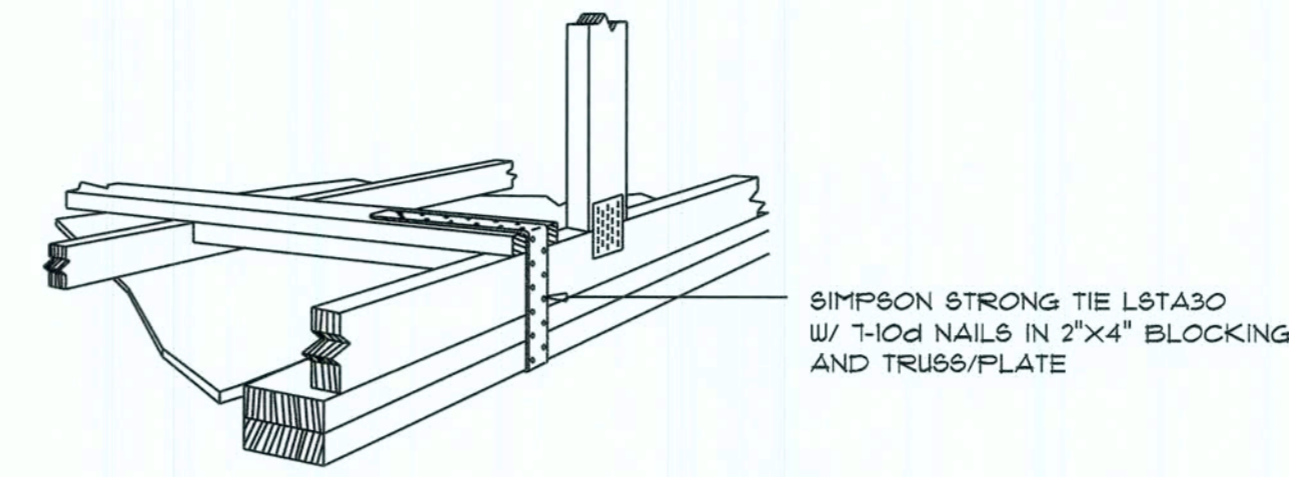
NTS (ALTERNATIVE TO BALLOON FRAMING)

NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

ROOFING METALS for FLASHING/ROOFING MINIMUM THICKNESS REQUIREMENTS			
MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGHT (OZ.)
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	0.0175	26 (ZINC COATED G90)	
ZINC ALLOY LEAD PAINTED TERNE	0.021		40 20

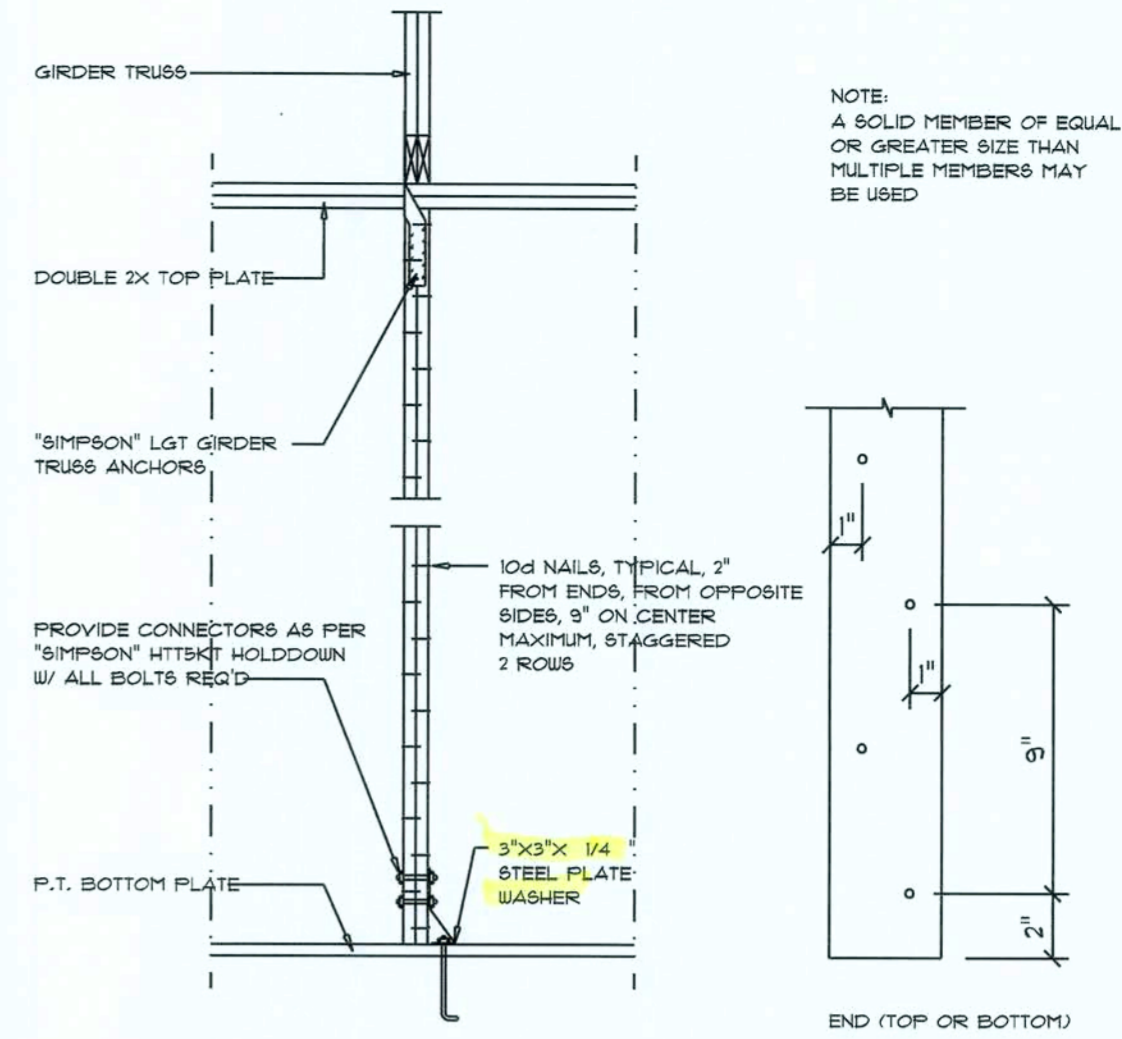
Roofing/Flashing DETS.

SCALE: NONE



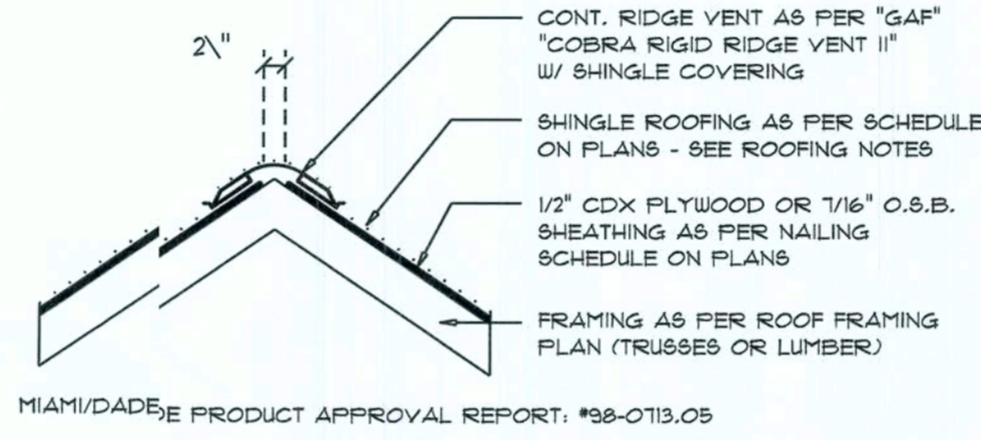
GABLE END GYPSUM DIAPHRAGM HOLDOWN CONNECTOR

SCALE: NONE



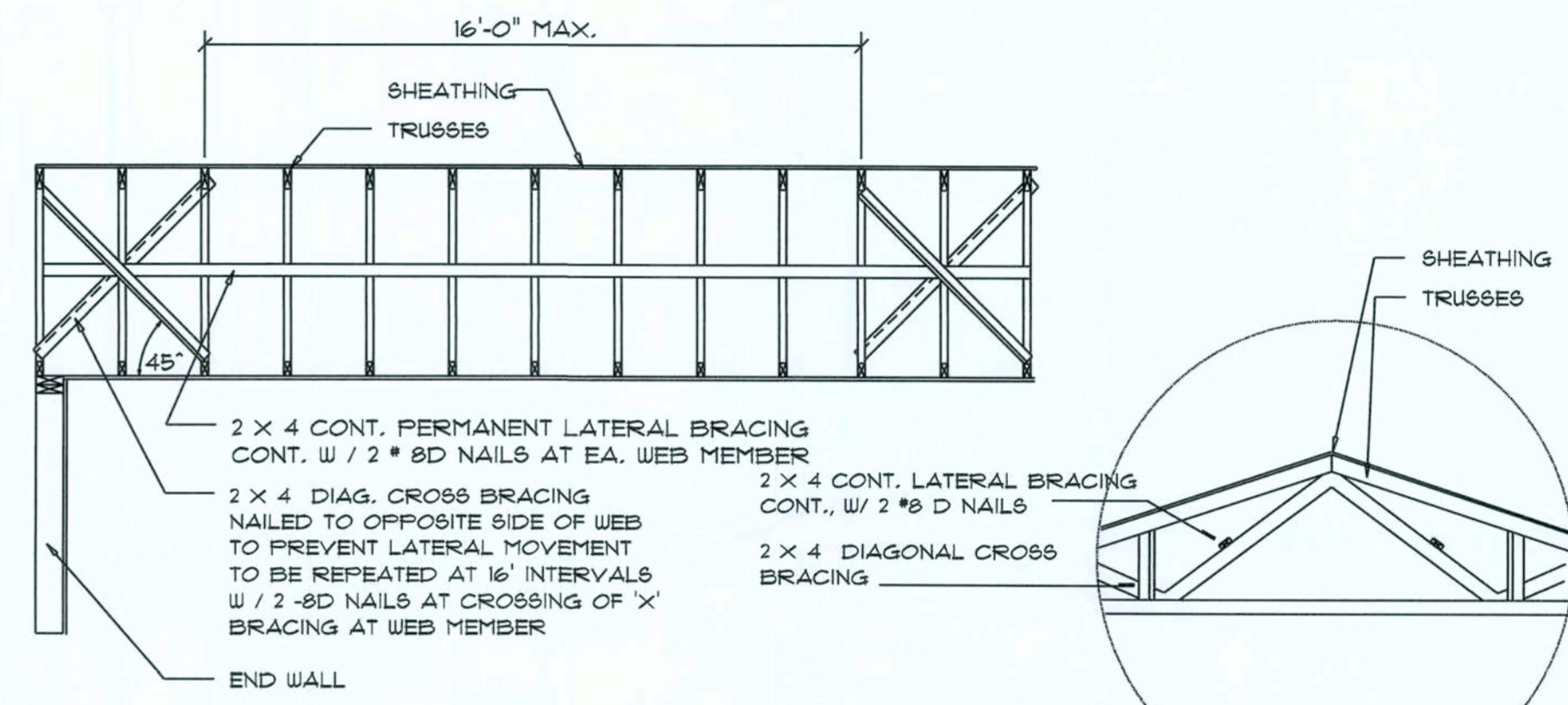
Girder Truss Column DET.

SCALE: 1/2" = 1'-0"



Ridge Vent DETAIL

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



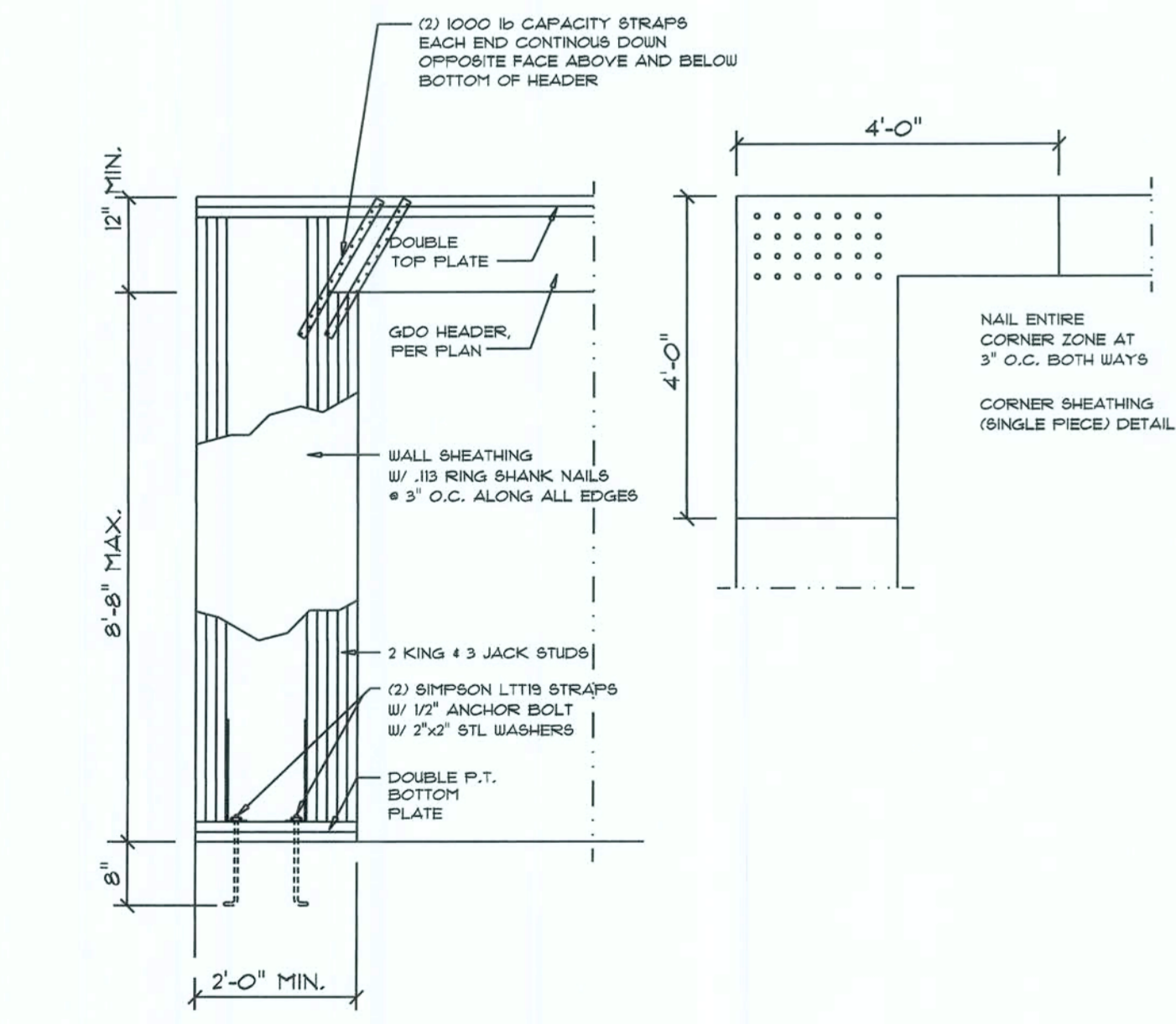
TYP. PERMANENT TRUSS BRACING DIA.

NTS

NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

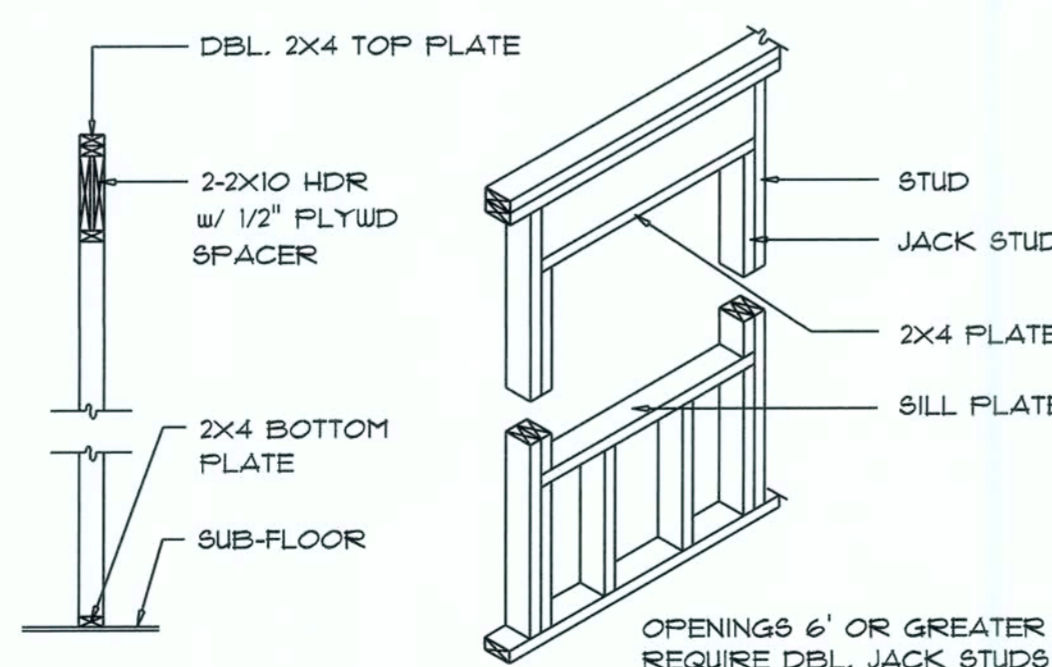
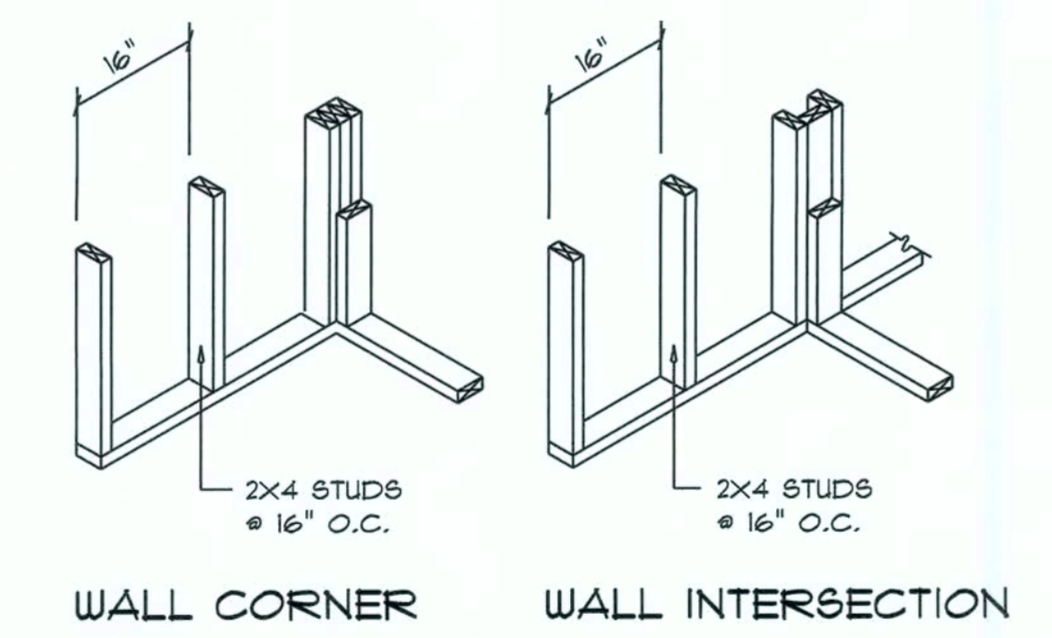
Truss Bracing DETAILS

SCALE: AS NOTED

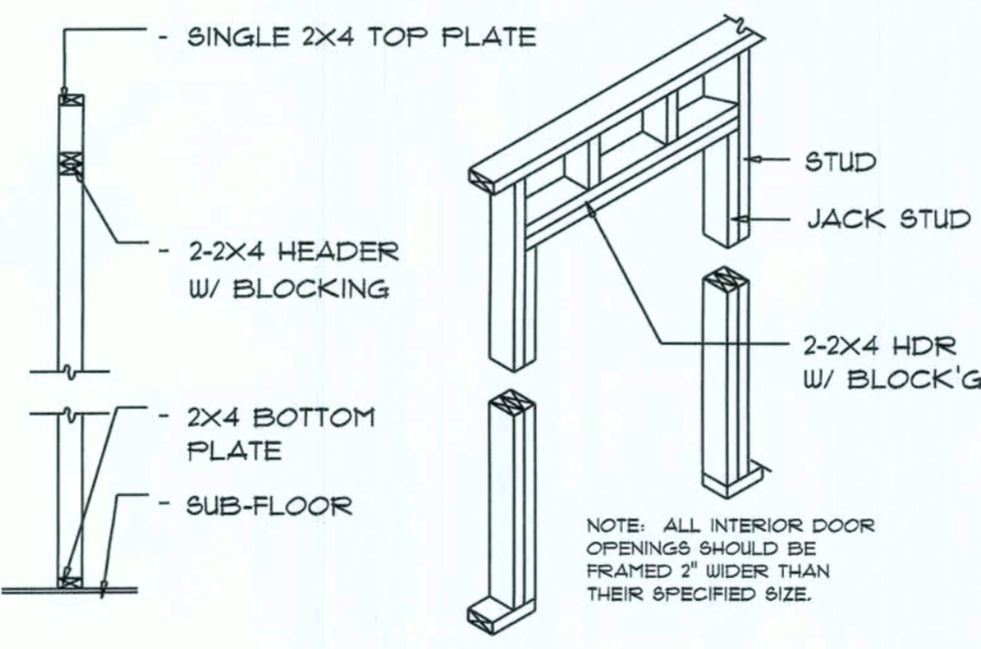


Garage End Wall DETAILS

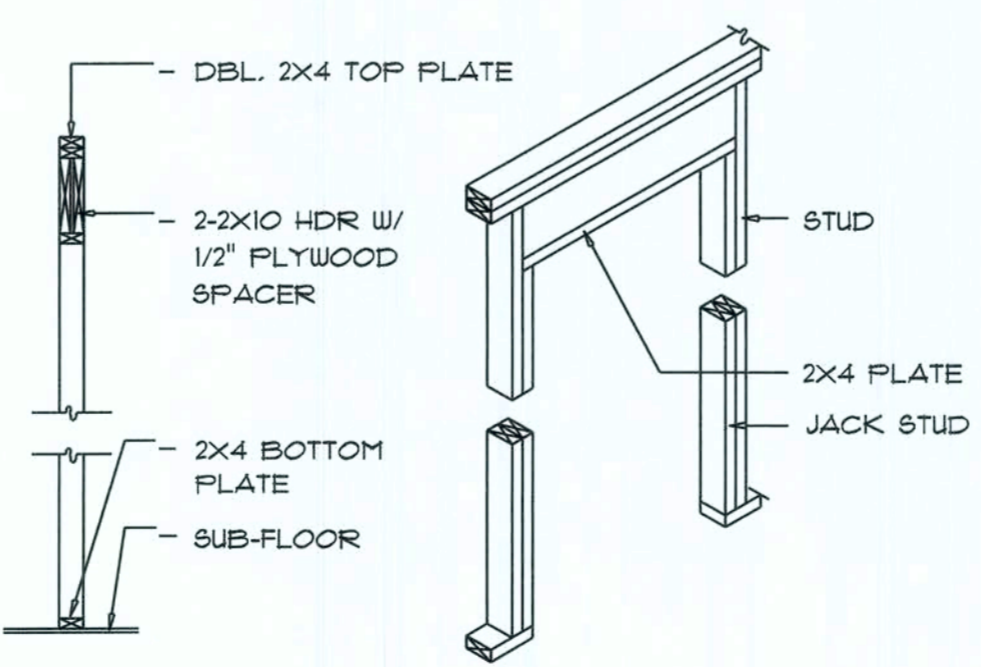
SCALE: 1/2" = 1'-0"



TYPICAL WINDOW HEADER



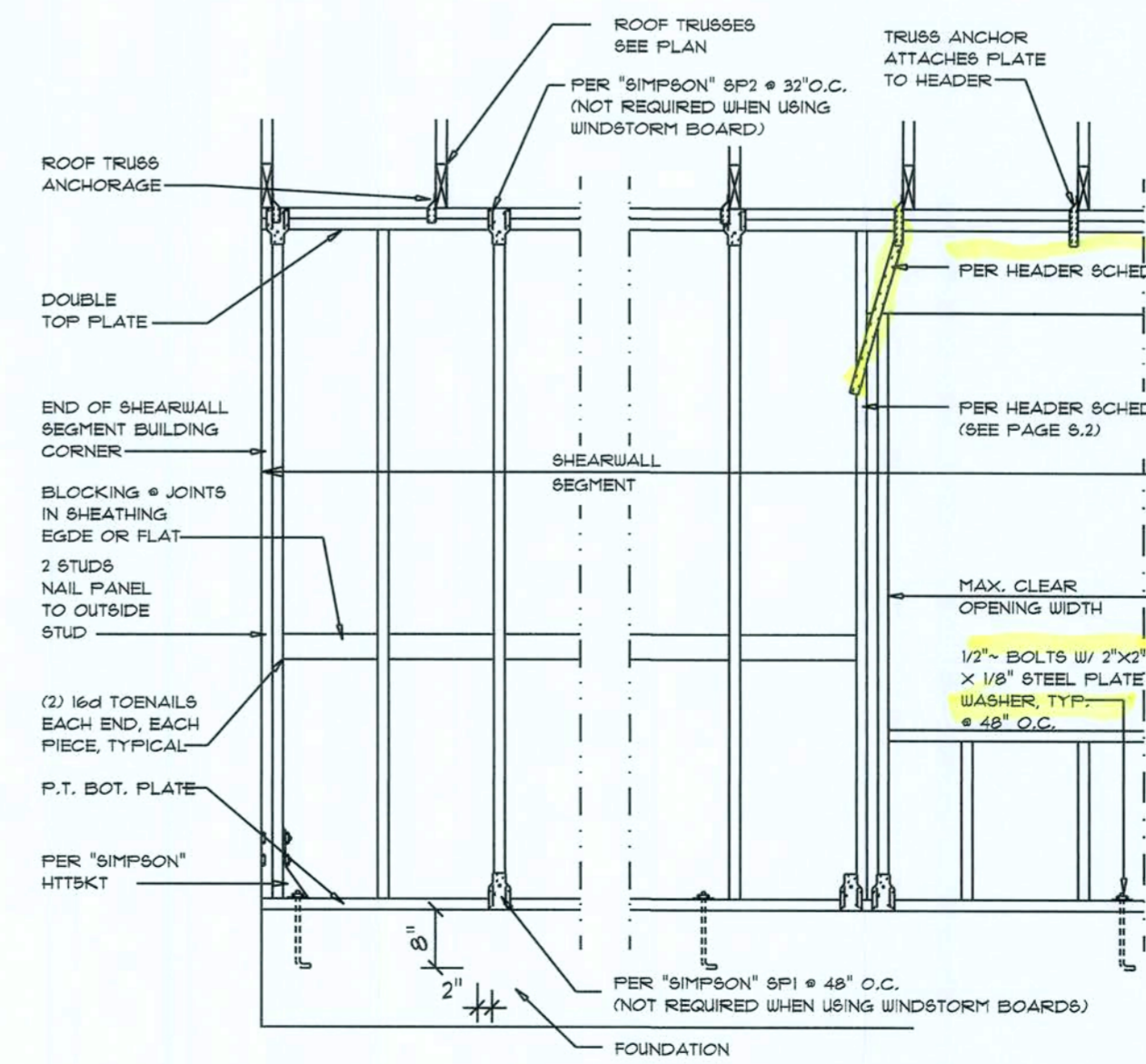
NON-BEARING WALL HEADER



BEARING WALL HEADER

Wall Framing/Header DETAILS

SCALE: NONE



- SHEARWALL NOTES:**
- ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS
 - THE WALL SHALL BE ENTIRELY SHEATHED WITH 1/8" WINDSTORM BD INCLUDING AREAS ABOVE AND BELOW OPENINGS
 - ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH JOINTS FOR ADJACENT PANELS OCCURRING OVER COMMON FRAMING MEMBERS OR ALONG BLOCKING.
 - NAIL SPACING SHALL BE 6" O.C. EDGES AND 12" O.C. IN THE FIELD.
 - TYPE 2 SHEARWALLS ARE DESIGNED FOR THE OPENING IT CONTAINS. MAXIMUM HEIGHT OF OPENING SHALL BE 5/6 TIMES THE WALL HEIGHT. THE MINIMUM DISTANCE BETWEEN OPENINGS SHALL BE THE WALL HEIGHT/3.5 FOR 8'-0" WALLS (2'-3").

OPENING WIDTH	SILL PLATES	16d TOE NAILS EACH END
UP TO 6'-0"	(1) 2x4 OR (1) 2x6	1
> 6' TO 8'-0"	(3) 2x4 OR (1) 2x6	2
> 8' TO 12'-0"	(5) 2x4 OR (2) 2x6	3

Shear Wall DETAILS

SCALE: NONE

REVISIONS	DATE
	Sept. 11th, 2020

A NEW SPEC HOUSE FOR:

STANLEY CRAWFORD CONST.

Lot 11 Hickory Cove, Lake City, FL

NICHOLAS PAUL SCHULTZ ARCHITECT

1786 NW 86th Rd
Lake City, FL 33505
(888) 365-4355

SHEET NUMBER

S.4

OF 4 SHEETS

AR0007005