



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



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



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



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

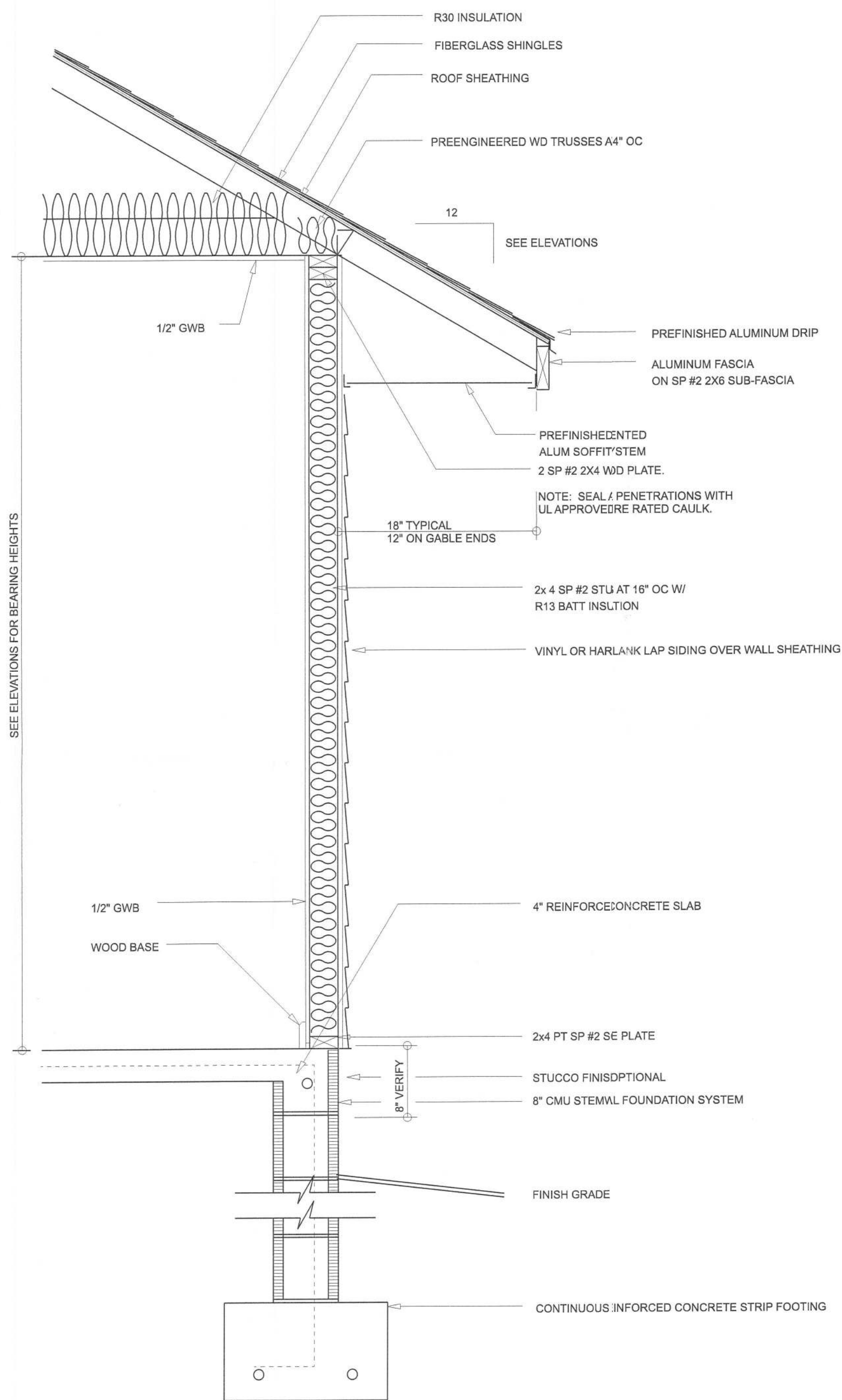


REVISIONS SCHEDULE	
Oct. 25th, 2021	PERMIT DRAWINGS

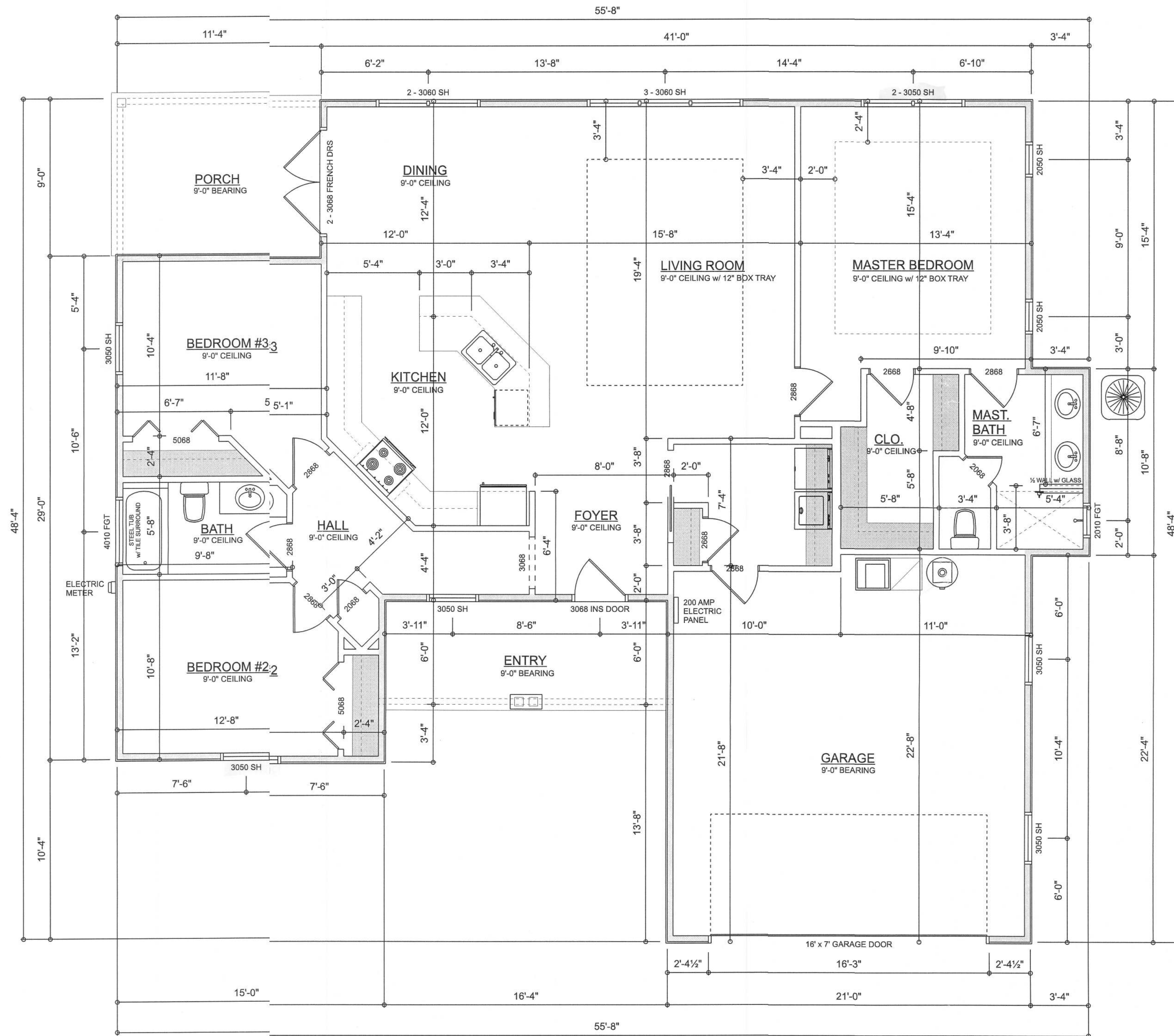
ANew SPEC HOME FOR:
STANLEY CRAWFORD CONST.
Lot 24 Rose Pointe, Lake City, FL

RIDGEPOINT DESIGN
366 SW ARLINGTON BLVD., STE 101, LAKE CITY, FL 32025
P: 386-288-1188
E: RIDGEPOINTDESIGN@GMAIL.COM

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.

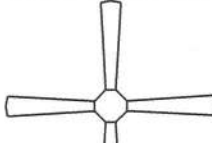


















TOTAL CUBIC SQUARE FOOTAGE OF CONDITIONED SPACE IS: 13,716

REVISIONS SCHEDULE	
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Lot 24 Rose Pointe, Lake City, FL

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SHEET NUMBER
A.2
OF 4 SHEETS

ELECTRICAL LEGEND		
ELECTRICAL	CONT	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		
OUTLET 220v		
OUTLET GFI		
OUTLET WP		
SMOKE DETECTOR		
STANDARD LIGHT		
SWITCH		
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/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE JD NEAR ALL BEDROOMS

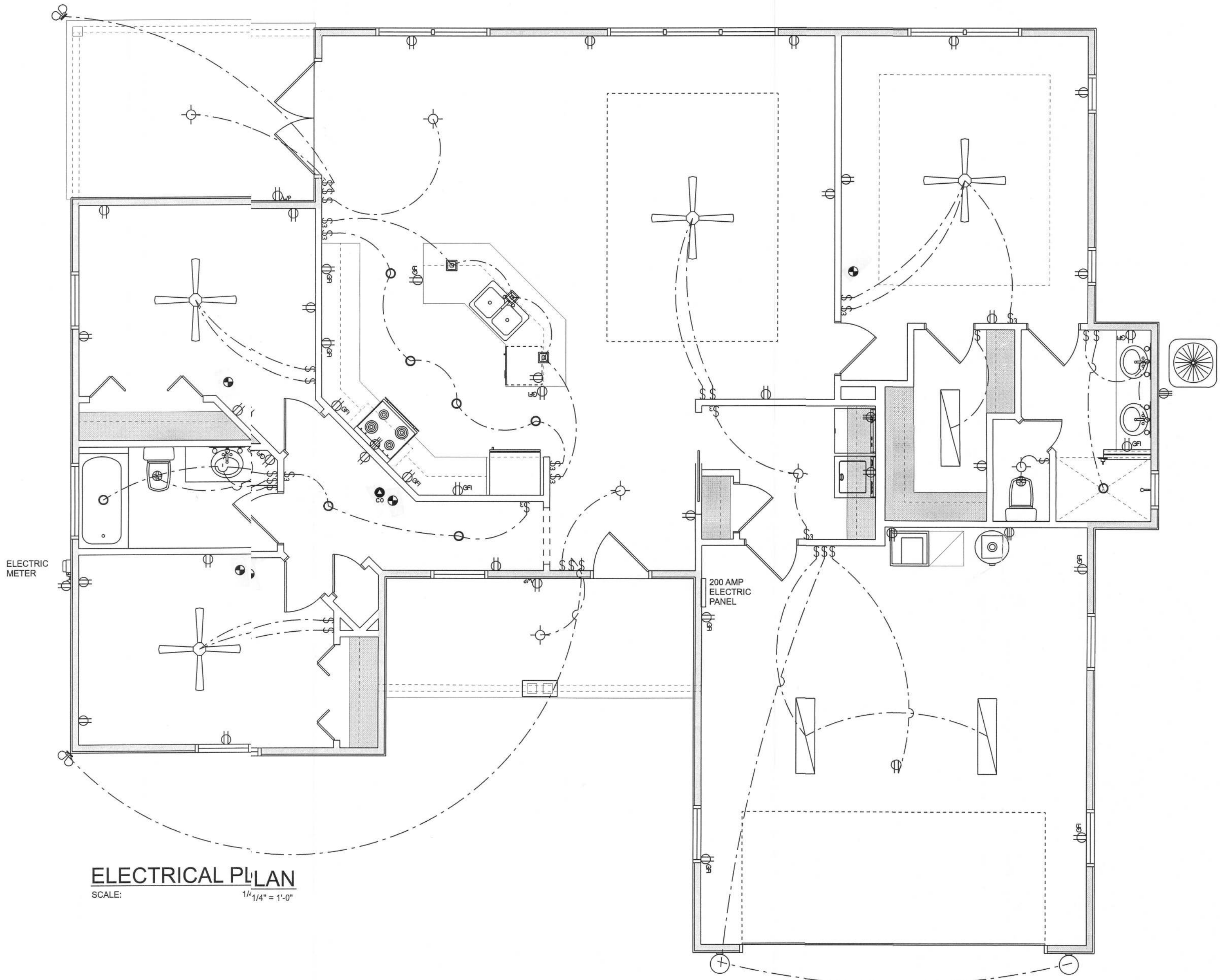
TELEPHONE, TELEVISION AND OTHER LOW VOAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABL SECTIONS OF NEC-LATEST EDITION.

ALL RECEPTICALS, NOT OTHERWISE NOTED, SILL BE ARC FAULT INTERRUPTER TYPE, EXCEPT DEDICATEOUTLETS

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, INJUDING ANY CHANGES TO THE ELEC. PLAN, ADDNS TO THEELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE VALL CKTS IDENTIFIED W/ CKT N°. DESCRIPTION & BRKR, SERVICE 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-BILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUINGJTHORITY




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

REVISIONS SCHEDULE	
Oct. 25th, 2021	PERMIT DRAWINGS

AN NEW SPEC HOME FOR:

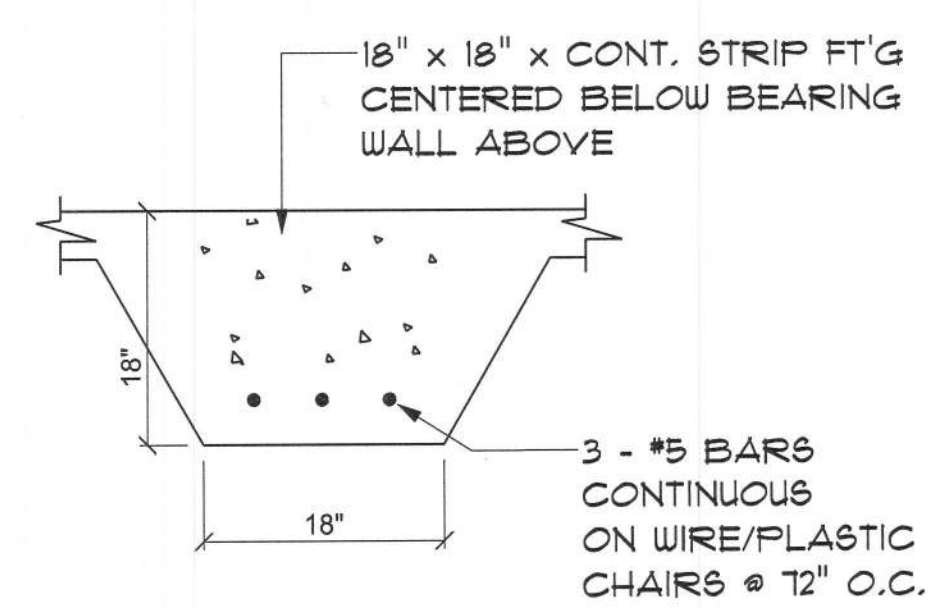
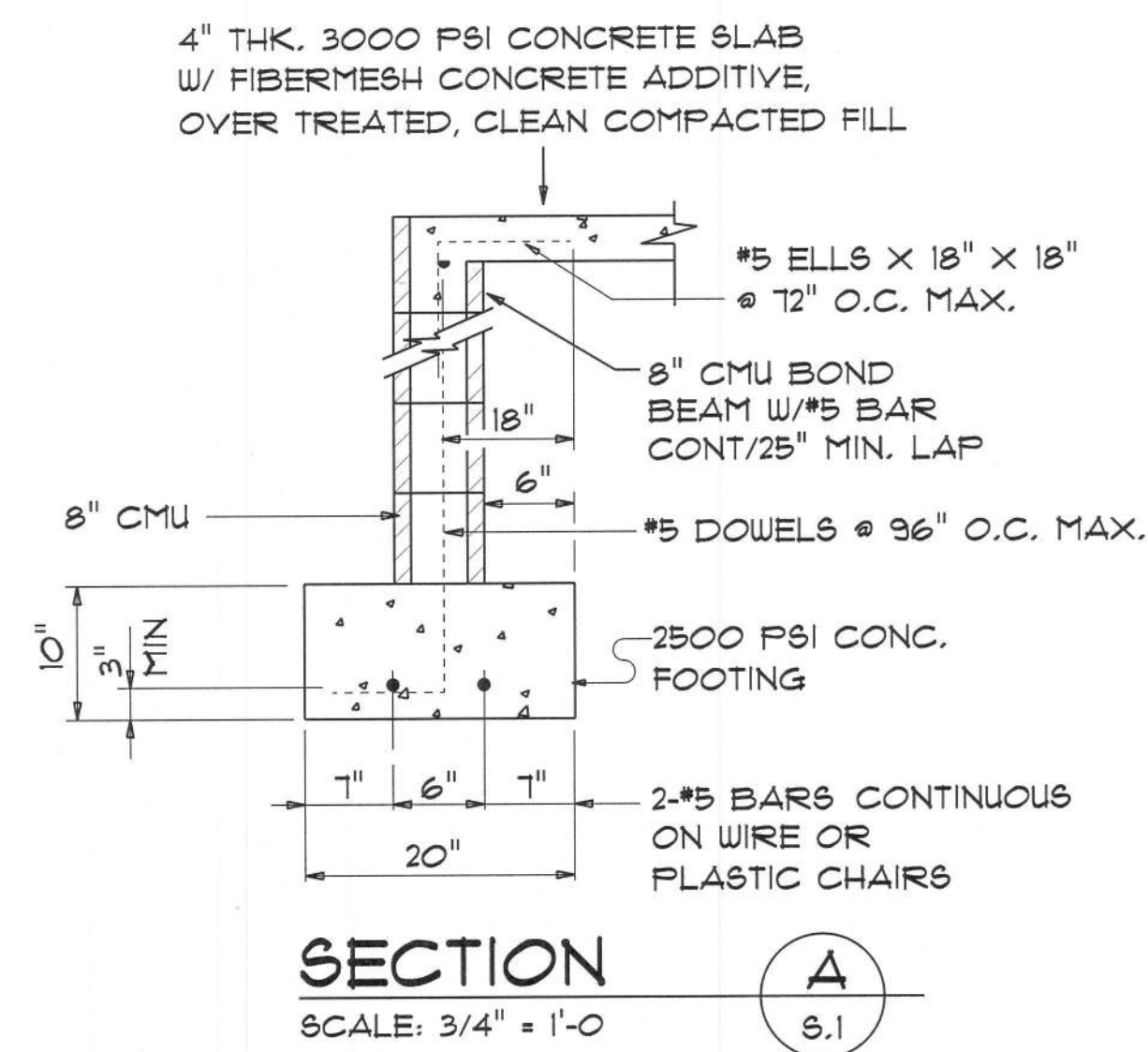
STANLEY CRAWFORD CONST.

Lot 24 Rose Pointe, Lake City, FL

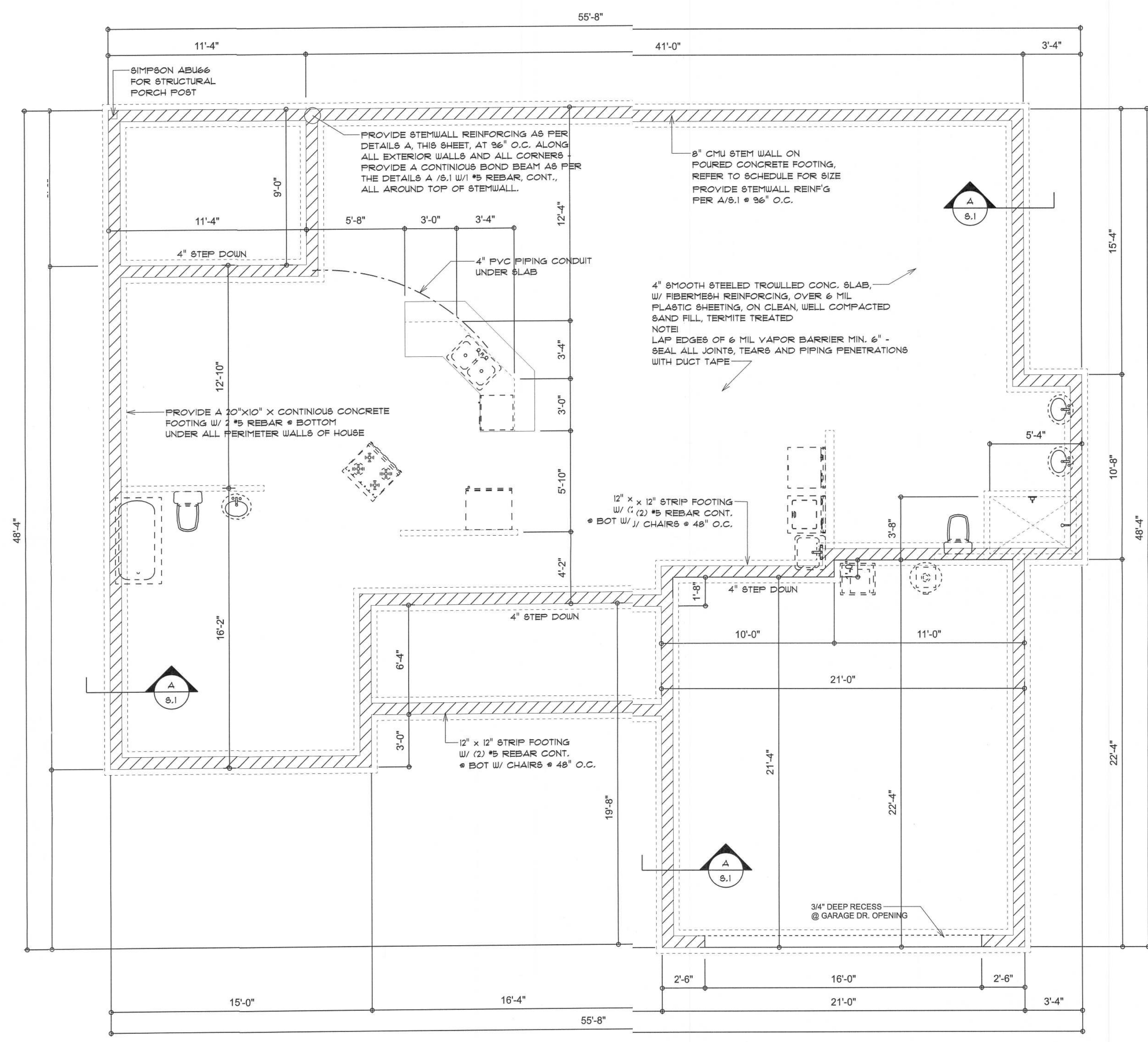
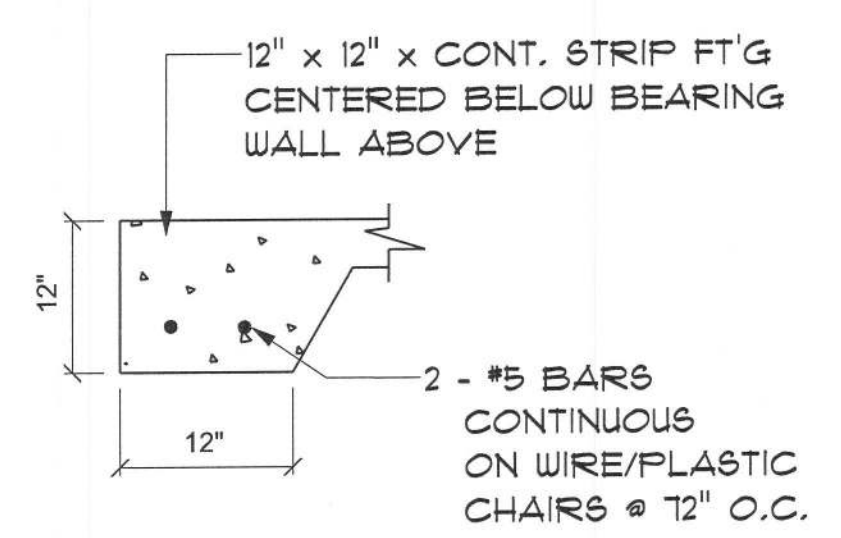
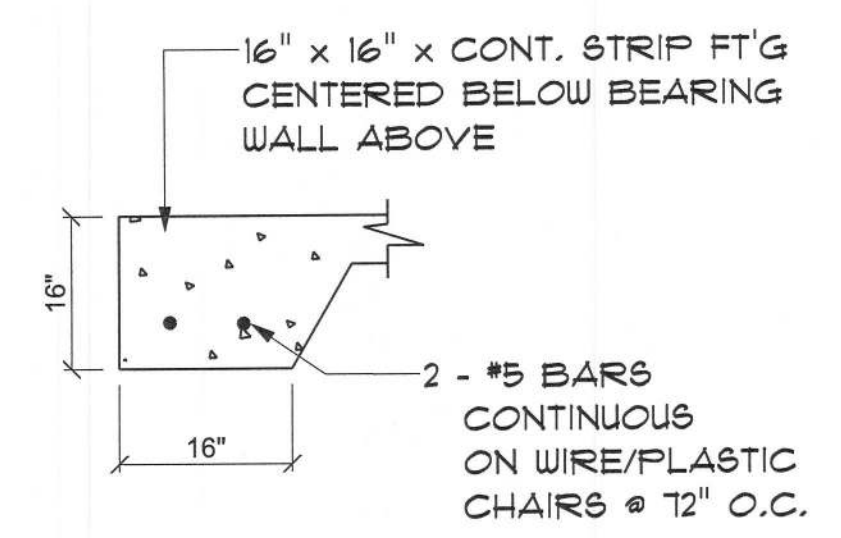


RIDGEPOINT
DESIGN

566 SW ARLINGTON BLVD, STE 101, LAKE CITY, FL 33025
P: 386-288-1188
E: RIDGEPOINTDESIGN@GMAIL.COM



** NOTE: ALL INTERIOR BEARING
WALLS TO USE THIS FOOTING **



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

CONCRETE / MASONRY / METALS GENERAL NOTES:

- DESIGN SOIL BEARING PRESSURE: 1500 PSF.
- EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PERFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS, BOTH SUB-SOIL AND FILL. COMPACTION SHALL BE NOT LESS THAN 95% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
- REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
- WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A185 - MIN. YIELD STRESS = 85 KSI.
- CONCRETE SHALL BE STANDARD MIX F'c = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX F'c = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT, MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - F'm = 1500 PSI.
- MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS.
- WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.
- 2X4 P/T WOOD GILL, CONT., ALL AROUND, W/ 5/8"-A.B. W/ 3" SQ. X 1/4" PLATE WASHERS WITHIN 6" FROM EACH CORNER, EA. WAY, 4 WITHIN 6" FROM ALL WALL OPENINGS / ENDS - 1/2"-A.B. W/ 2" SQ. WASHERS ALONG EACH RUN @ 48" O.C. MAX. - ALL ANCHOR BOLTS SHALL HAVE A MINIMUM OF 8" EMBEDMENT INTO THE CONCRETE.

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

NOTE:
ADDED FILL SHALL BE APPLIED IN 8" LIFTS -
EA. LIFT SHALL BE COMPACTED TO 95% DRY
COMPACTION PER THE "MODIFIED PROCTOR"
METHOD.

NOTE:
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP
DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL
PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTR
SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER AND
1 COPY TO THE PERMIT ISSUING AUTHORITY.

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	
	Oct. 24th, 2021

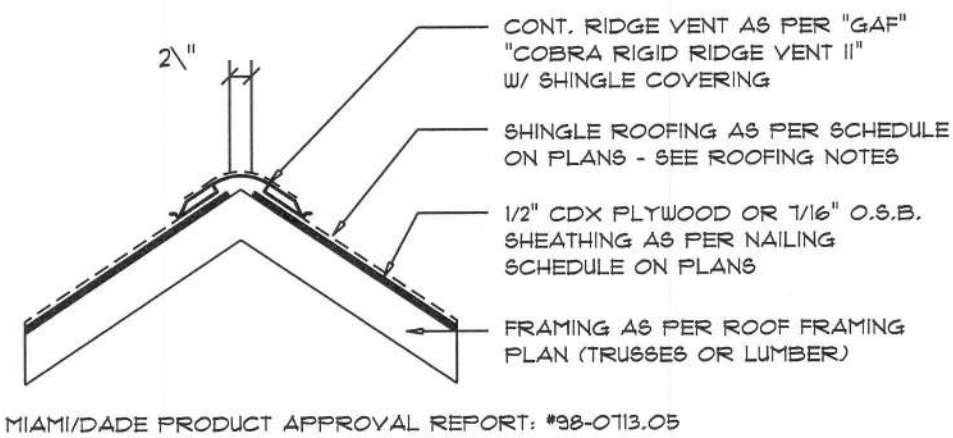
AN NEW SPEC HOUSE FOR:
STANLEY CRAWFORD CONST.
Lot 27 Rose Pointe, Lake City, FL

NICHOLAS PAUL
ARCHITECT
1755 NW Brown Rd.
Lake City, FL 32055
(386) 365-4355
N.C.A.R.E. Certified

SHEET NUMBER
S.1
OF 4 SHEETS

APR0007005

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	810 SQ.IN.
3600 SF	44 LF	900 SQ.IN.



MIAMI/DADE PRODUCT APPROVAL REPORT: #38-0713.05

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

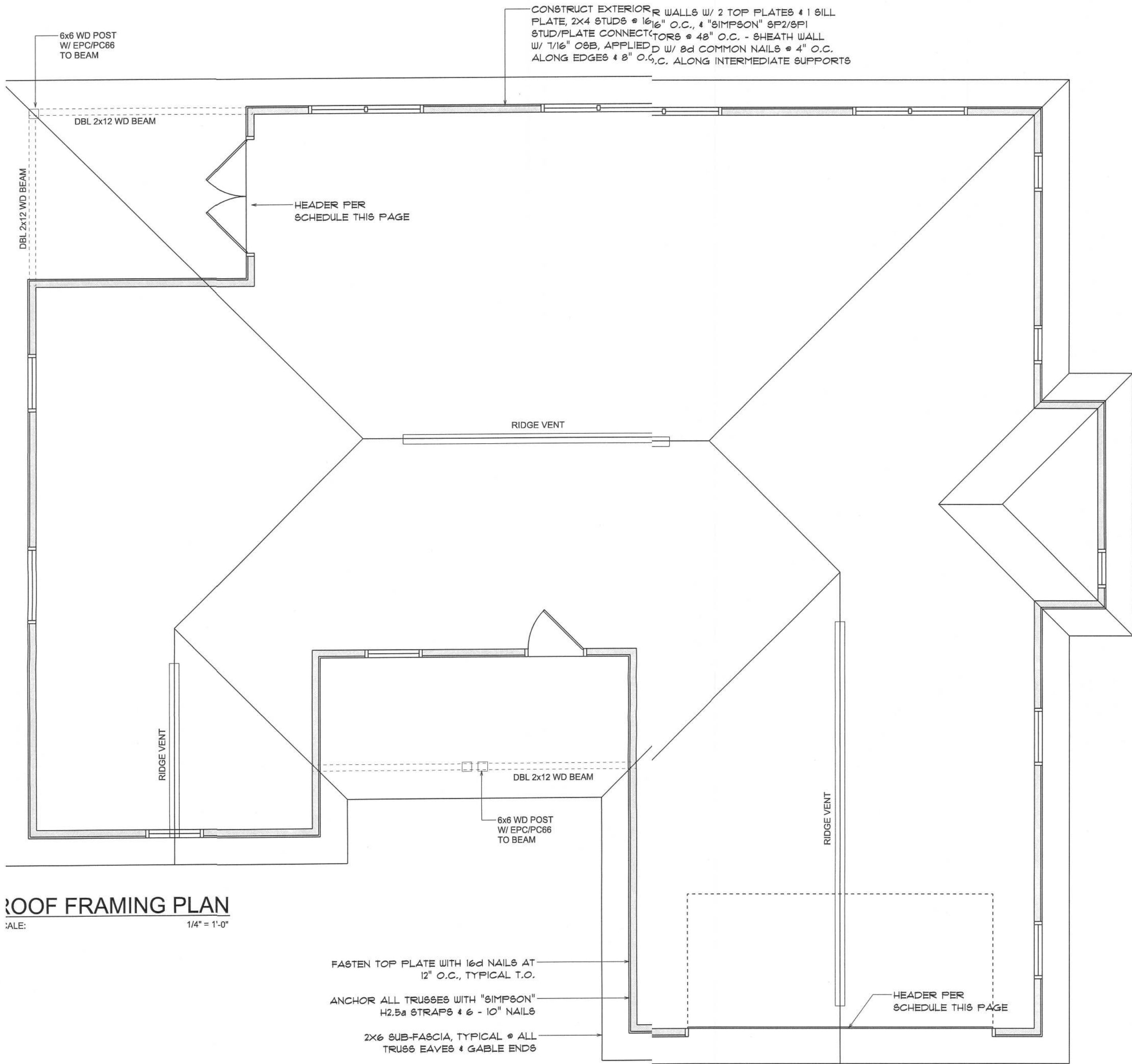
Roofing/Flashing DETS.

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.



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

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 8PH4R 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 1 - SIMPSON MSTA24 TOP AND 2 - SIMPSON 8PH4R 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 OF OPENING WITH 2 - HEADER STUDS AND 3 FULL HEIGHT STUDS EACH SIDE OF OPENING

16'-0" GARAGE DOOR OPENINGS

2 PLY 1 1/4" x 11 7/8" 2.0E MICROLAMM 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

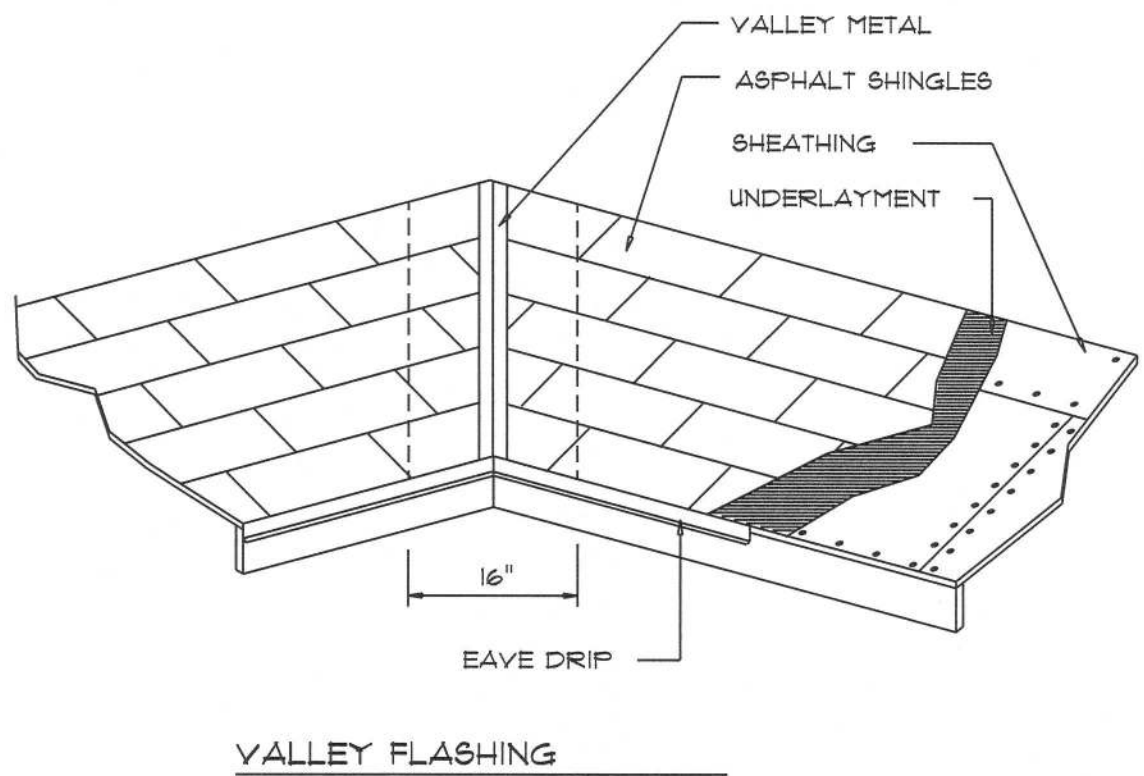
NOTE: 8P2/8P1 STUD/PLATE CONNECTORS ARE NOT REQUIRED WHEN USING WINDSTORM SHEATHING BOARDS

NOTE!
SHEATH ROOF W/ 1/2" CDX PLYWOOD or 7/16" 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 1603 AND LOCAL JURISDICTION REQUIREMENTS

NOTE!
ANCHOR GIRDER TRUSSES TO HEADER WITH 2 "SIMPSON" LST12, 3 OR 4). ANCHOR HEADER TO KING STUDS W/ 2 "SIMPSON" 6T22 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.



VALLEY FLASHING

REVISIONS

Oct. 24th, 2021

A NEW SPEC HOUSE FOR:

STANLEY CRAWFORD CONST.

Lot 2# Rose Pointe, Lake City, FL

26

NICHOLAS PAUL ARCHITECT

1155 N. BROWN RD.
LAKE CITY, FL 33005
(386) 365-4355
N.C.A.S.B. Certified

SHEET NUMBER

S.2

OF 4 SHEETS

AR0007005

FLORIDA BUILDING CODE	
Compliance Summary	
TYPE OF CONSTRUCTION	
Roof:	Gable Construction, Wood Trusses @ 24"
Walls:	2x4 Wood Studs @ 16" O.C.
Floor:	4" Thk. Concrete Slab w/ Fiberglass Core Additive
Foundation:	Continuous Footer/Stem Wall
ROOF DECKING	
Material:	1/2" CDX Plywood or 1/16" O.S.B.
Sheet Size:	48"x96" Sheets Perpendicular to Roof Framing
Fasteners:	.113 RING SHANKED Nails @ 4" O.C. Edges & 8" O.C. Interior
Dragstrut:	Double Top Plate (S.Y.P.) w/ 1/6d nails @ 12" O.C.
Wall Studs:	2x4 Studs @ 16" O.C.
SHEAR WALLS	
Material:	1/2" CDX Plywood or 1/16" O.S.B.
Sheet Size:	48"x96" Sheets Placed Vertical
Fasteners:	.113 RING SHANKED Nails @ 4" O.C. Edges & 8" O.C. Interior
Dragstrut:	Double Top Plate (S.Y.P.) w/ 1/6d nails @ 12" O.C.
Wall Studs:	2x4 Studs @ 16" O.C.
HURRICANE UPLIFT CONNECTORS	
Truss Anchors:	SIMPSON H2.5a @ Ea. Truss End Typ. U.O.N.J.
Wall Tension:	Wall Sheathing Nailing is Adequate - 8d @ 4" O.C. Top & Bot.
Anchor Bolts:	1/2" A307 Bolts @ 48" O.C. - 1 Bolt @ 6" from corner
Corner Hold-down Device:	(1) HD9a @ each corner
Porch Column Base Connector:	Simpson AB5 @ each column
Porch Column to Beam Connector:	Simpson MA20 (2 ea. side) or Simpson EF66 or 2 - 5/8" thru bolts
FOOTINGS AND FOUNDATIONS	
Footings:	20"x10" Cont. w/ 2 - #5 Bars Cont. on top/plastic chairs @ 12" o.c.
Stemwall:	8" C.M.U. w/ 1-#5 Vertical Dowel @ 36" o.c.

STRUCTURAL DESIGN CRITERIA:

1. THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2020 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: "C"

BASED ON ANSI/ASCE 7-10, 2020 FBC 1609-A WIND VELOCITY: V_{ULT} = 130 MPH V_{ASCE} = 101 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: 40 PSF

RESIDENTIAL 60 PSF

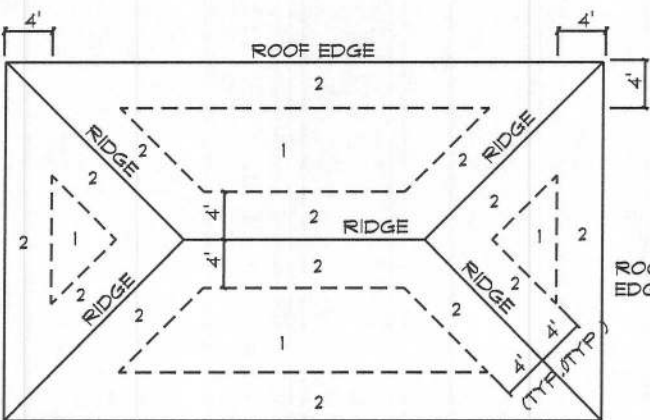
BALCONIES 60 PSF

5. WIND NET UPLIFT: ARE AS INDICATED ON PLANS

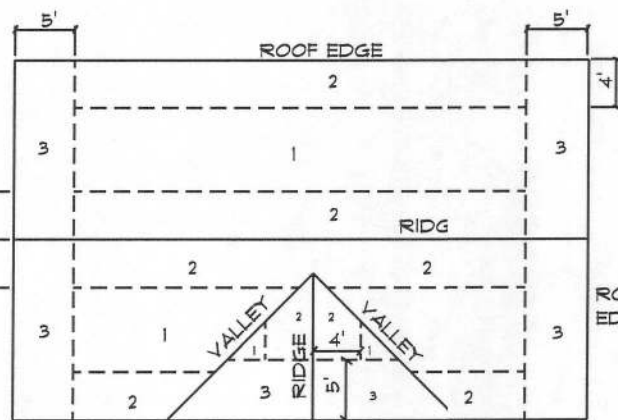
BUILDING COMPONENTS & CLADDING LOADS		MEAN BUILDING HEIGHT = 30.0', EXPOSURE "C"		ROOF ANGLE 21° TO 45°	
WIND SPEED (MPH)	WIND DIRECTION	VULT 110 MPH	VULT 120 MPH	VULT 130 MPH	VULT 140 MPH
1	10	19.9 / -21.8	23.1 / -25.9	21.8 / -30.4	32.3 / -35.3
1	20	19.4 / -20.1	23.0 / -24.6	21.0 / -28.9	31.4 / -33.5
1	30	18.6 / -19.2	22.2 / -22.8	20.0 / -26.8	30.2 / -31.1
2	10	19.9 / -25.5	23.1 / -30.3	21.8 / -35.6	32.3 / -41.2
2	20	19.4 / -24.3	23.0 / -29.0	21.0 / -34.0	31.4 / -39.4
2	30	18.6 / -22.9	22.2 / -21.2	20.0 / -32.0	30.2 / -31.1
3	10	19.9 / -25.5	23.1 / -30.3	21.8 / -35.6	32.3 / -41.2
3	20	19.4 / -24.3	23.0 / -29.0	21.0 / -34.0	31.4 / -39.4
3	30	18.6 / -22.9	22.2 / -21.2	20.0 / -32.0	30.2 / -31.1
4	10	21.8 / -34.1	25.9 / -34.1	30.4 / -33.0	35.3 / -38.2
4	20	20.8 / -32.6	24.7 / -32.6	29.0 / -31.6	33.7 / -36.1
4	30	19.9 / -31.3	23.2 / -25.4	21.2 / -25.8	31.6 / -34.6
5	10	21.8 / -34.1	25.9 / -34.1	30.4 / -40.1	35.3 / -41.2
5	20	20.8 / -32.6	24.7 / -32.4	29.0 / -38.0	31.6 / -44.0
5	30	19.9 / -31.3	23.2 / -25.3	21.2 / -34.3	31.6 / -39.8

WIND EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
EDGE	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
1	1.00	1.21	1.41
2	1.00	1.29	1.55
3	1.00	1.35	1.61
4	1.00	1.40	1.66

ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	1/16" 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 TRUSS 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

3

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	1795*
HEADER TO KING STUD(S):	SIMPSON ST22	1370*
PLATE TO STUD:	SIMPSON SP4	885*
STUD TO SILL:	SIMPSON SP4	885*
FORCH BEAM TO POST:	SIMPSON MSTA24 OR THRU BOLTED W/ (2) 5/8" BOLTS	1700* OR EQUAL
FORCH POST TO FND.:	SIMPSON ABU44	2200*
MISC. JOINTS	SIMPSON A34	315*/240*

* ALTERNATE CONNECTORS ARE ACCEPTED OF EQUAL CAPACITY **

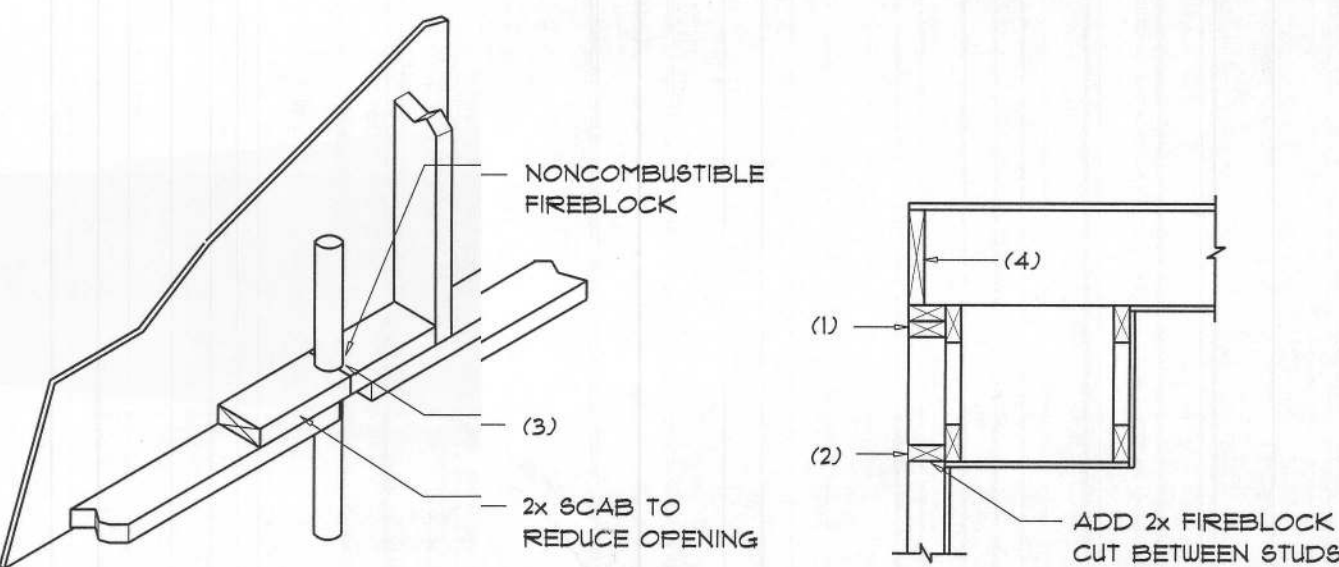
NOTE:
ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.

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:
"SEMCO" 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 CEILING, COVE CEILING, ETC.
- AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYROFANEL 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

TERMITE PROTECTION NOTES:

SOIL C 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
- 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 1816.1.1
- SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 1816.1.2
- 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 1816.1.3
- MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 1816.1.4
- CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1816.1.5
- SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1816.1.6
- 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 1816.1.6
- ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1816.1.7
- 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 1816.1.1
- 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

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 4863, 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 226 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 MDC PA 101-95.

UNDERLAYMENT APPLICATION:
FOR ROOF SLOPES FROM 2:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:

- STARTING AT THE EAVE, A 19 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.
- STARTING AT THE EAVE, 36 INCH WIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 18 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 OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 71 LBS 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 1501.3.9.2.
- 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:
 - BOTH TYPES 1 AND 2 ABOVE, COMBINED.
 - ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224.
 - SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 1970.

REVISIONS

Oct. 24th, 2021

NEW SPEC HOUSE FOR:
STANLEY CRAWFORD CONST.

Lot 24 Rose Pointe, Lake City, FL

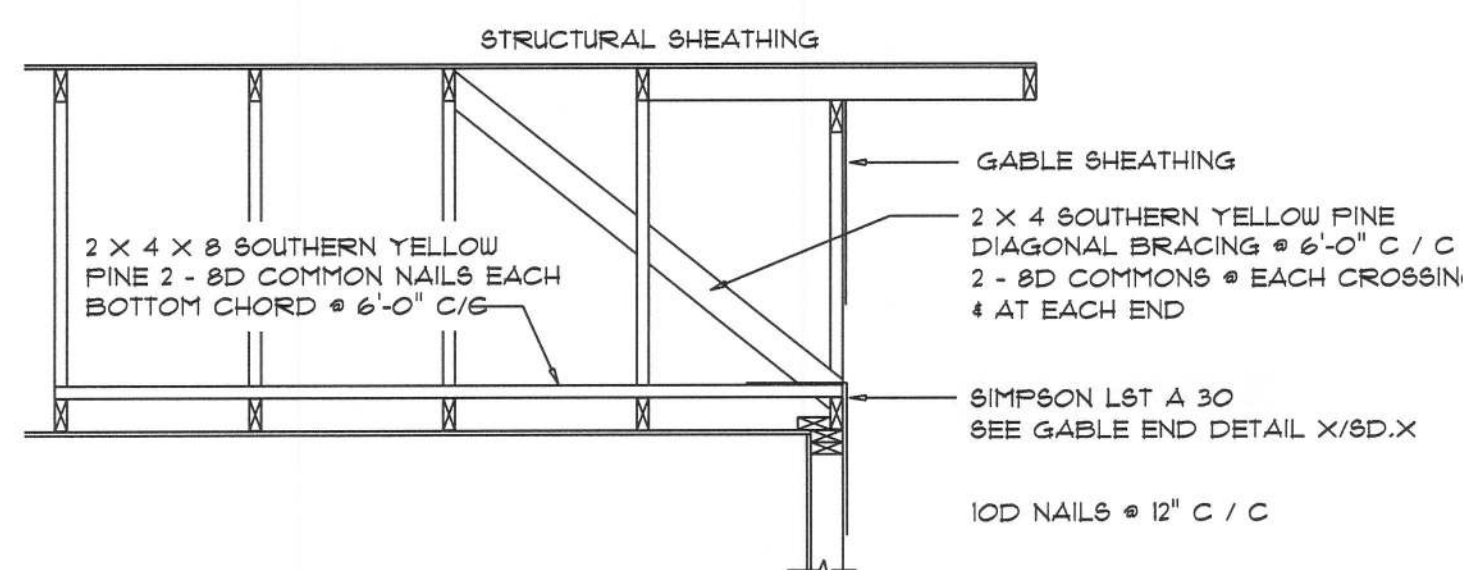
NICHOLAS PAUL GERSTER ARCHITECT
THE NEW B...
Lake City, FL 32095
NCARB Certified (396) 368-1995

SHEET NUMBER

S.3

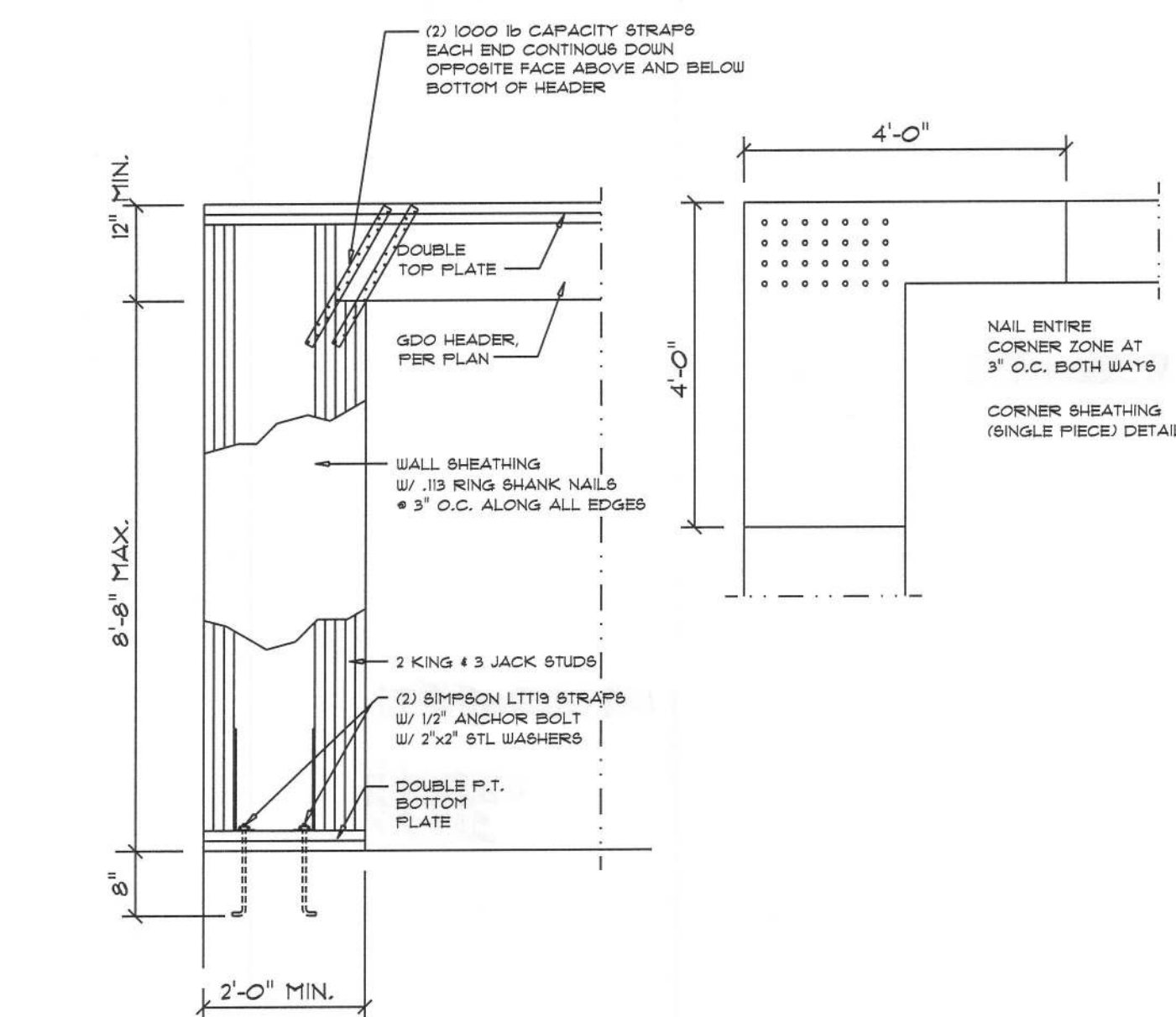
OF 4 SHEETS

ARG0007003



END WALL BRACING FOR CEILING DIAPHRAGM

NTS (ALTERNATIVE TO BALLOON FRAMING)
NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE



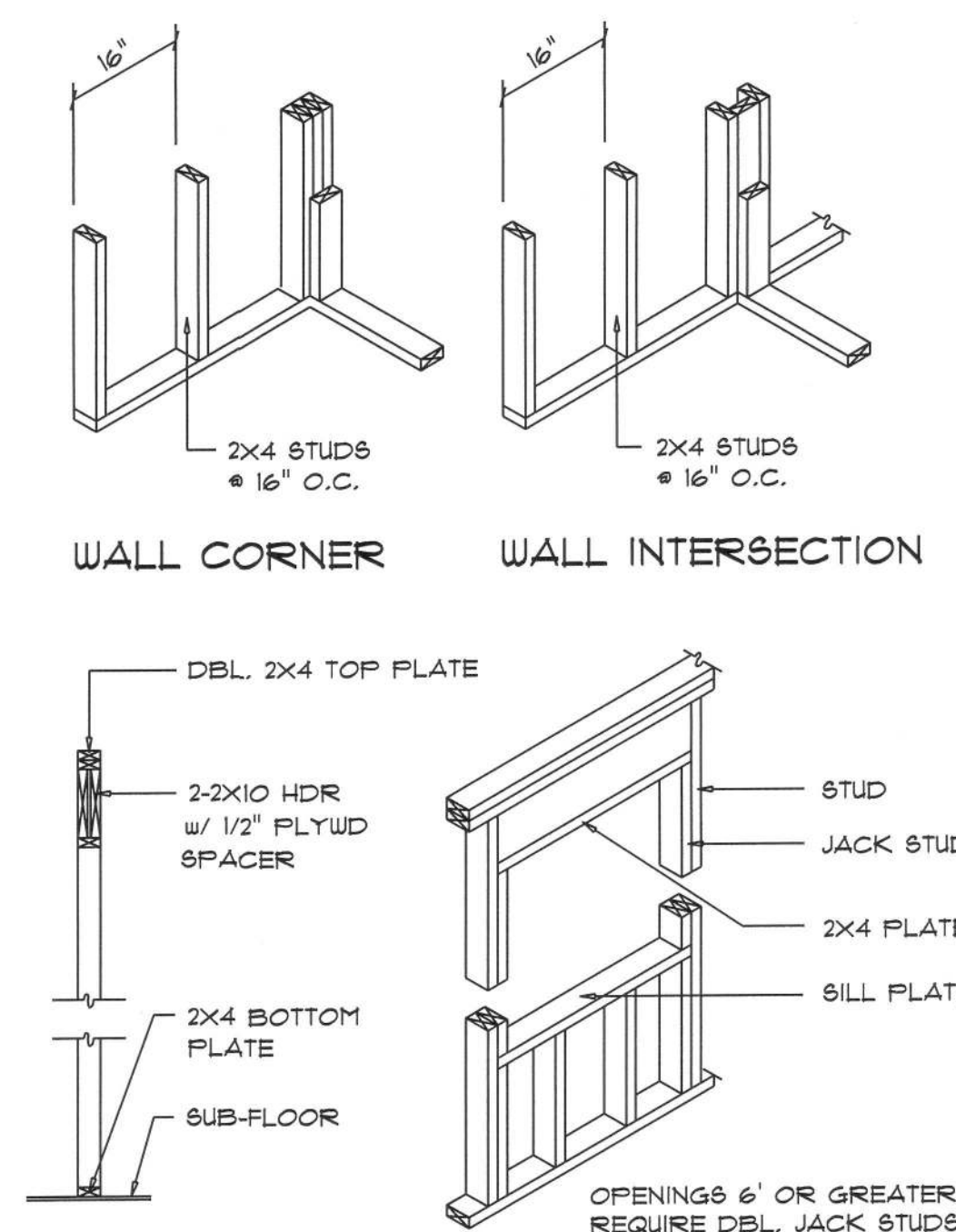
Garage End Wall DETAILS

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

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.

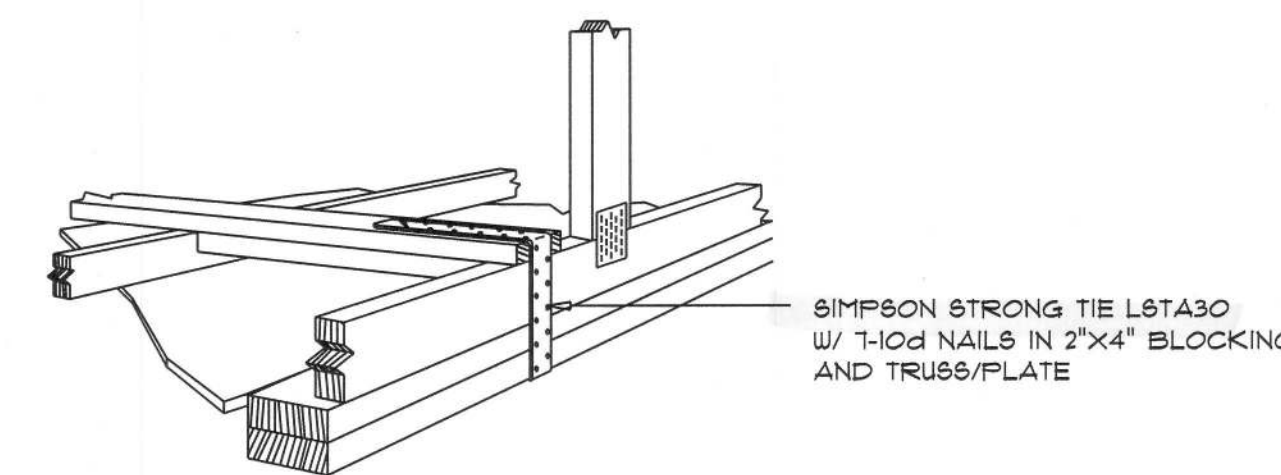
SCALE: NONE



TYPICAL WINDOW HEADER

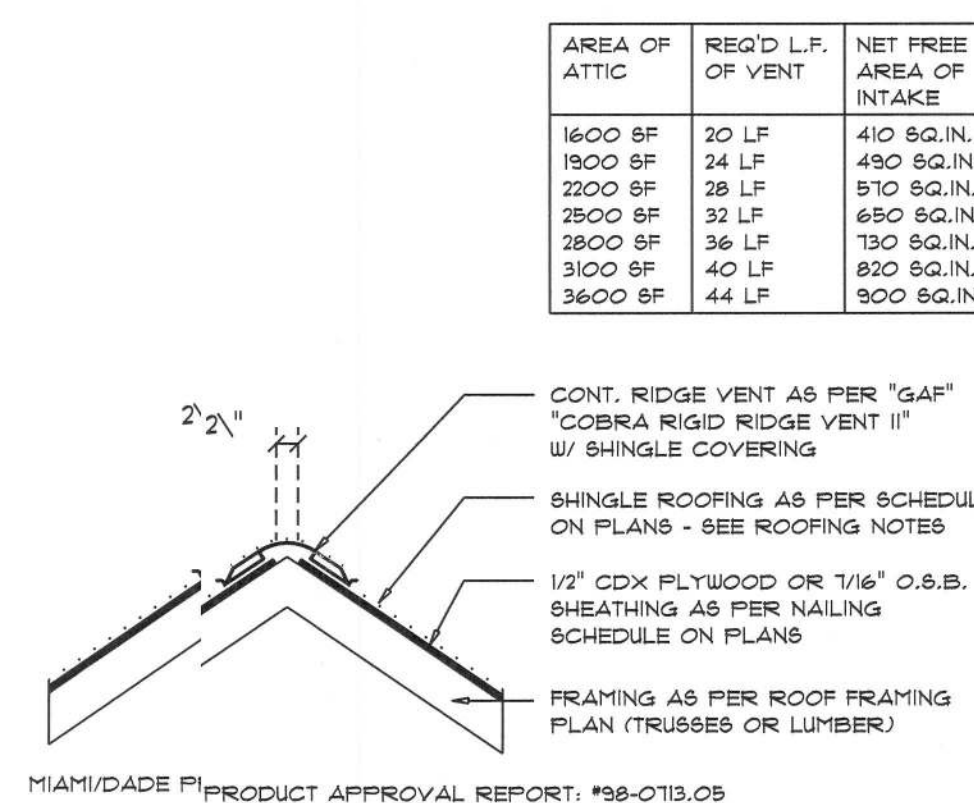
Wall Framing/Header DETAILS

SCALE: NONE



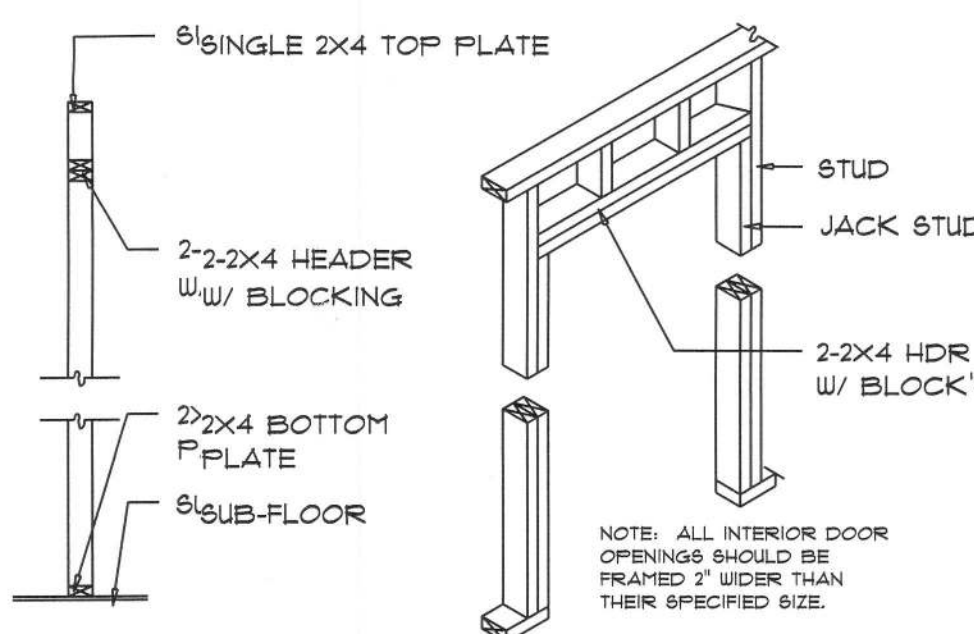
GABLE END GYPSUM DIAPHRAGM HOLDOWN CONNECTOR

SCALE: NONE

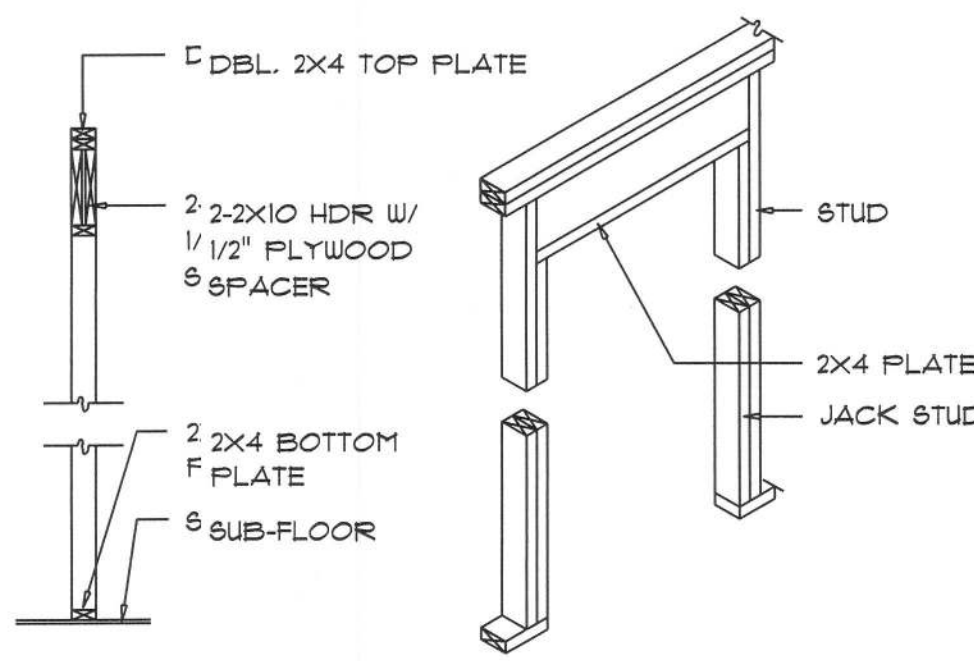


Ridge Vent DETAIL

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



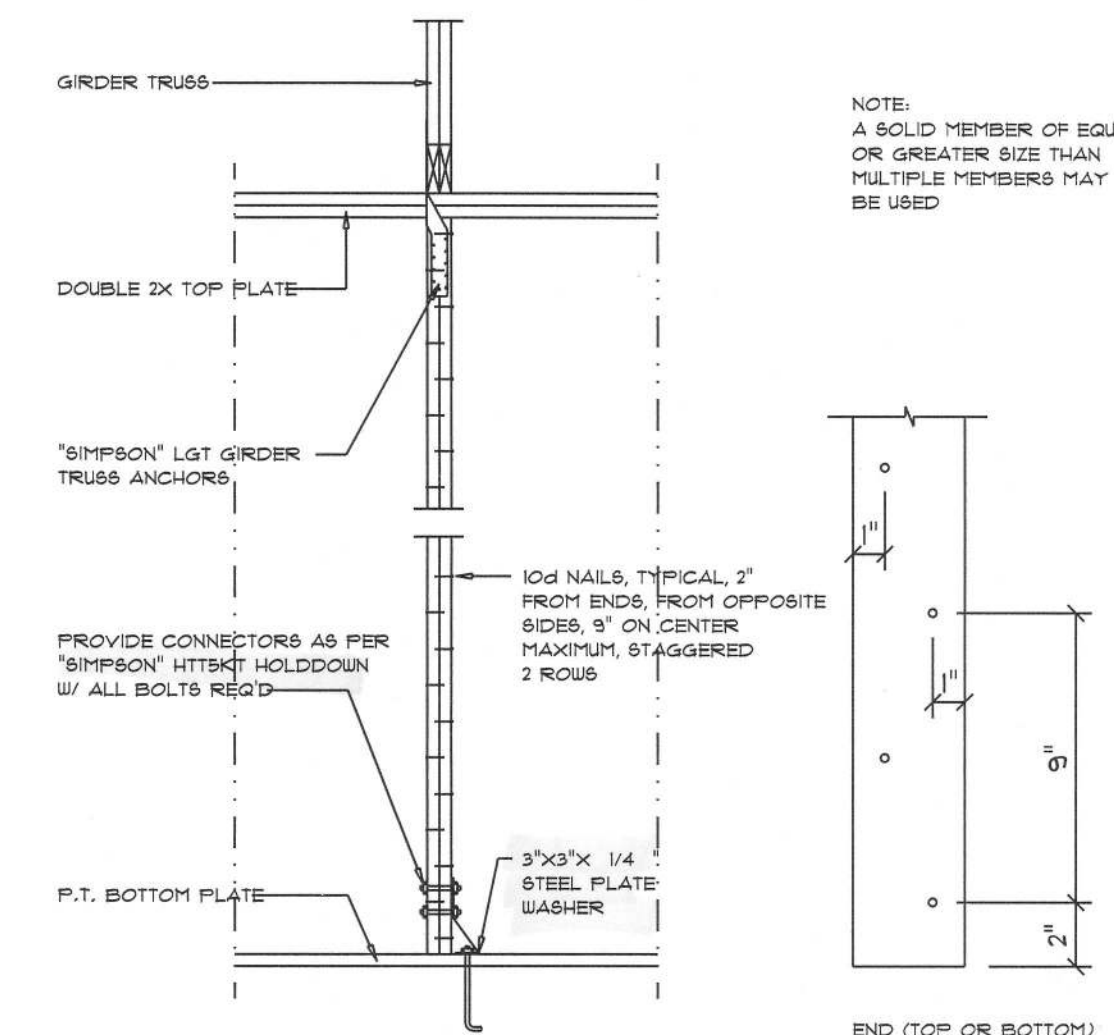
NON-BEARING WALL HEADER



BEARING WALL HEADER

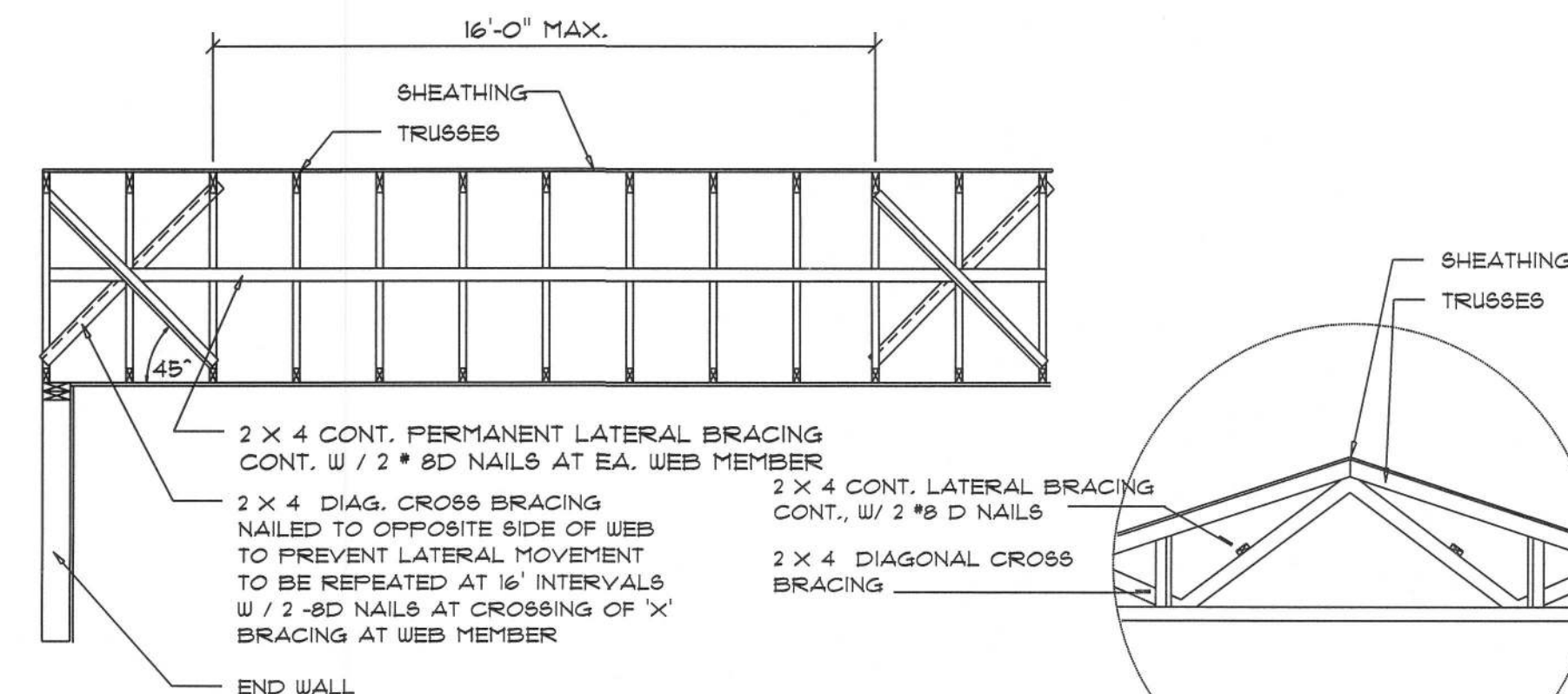
Wall Framing/Header DETAILS

SCALE: NONE



Girder Truss Column DET.

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

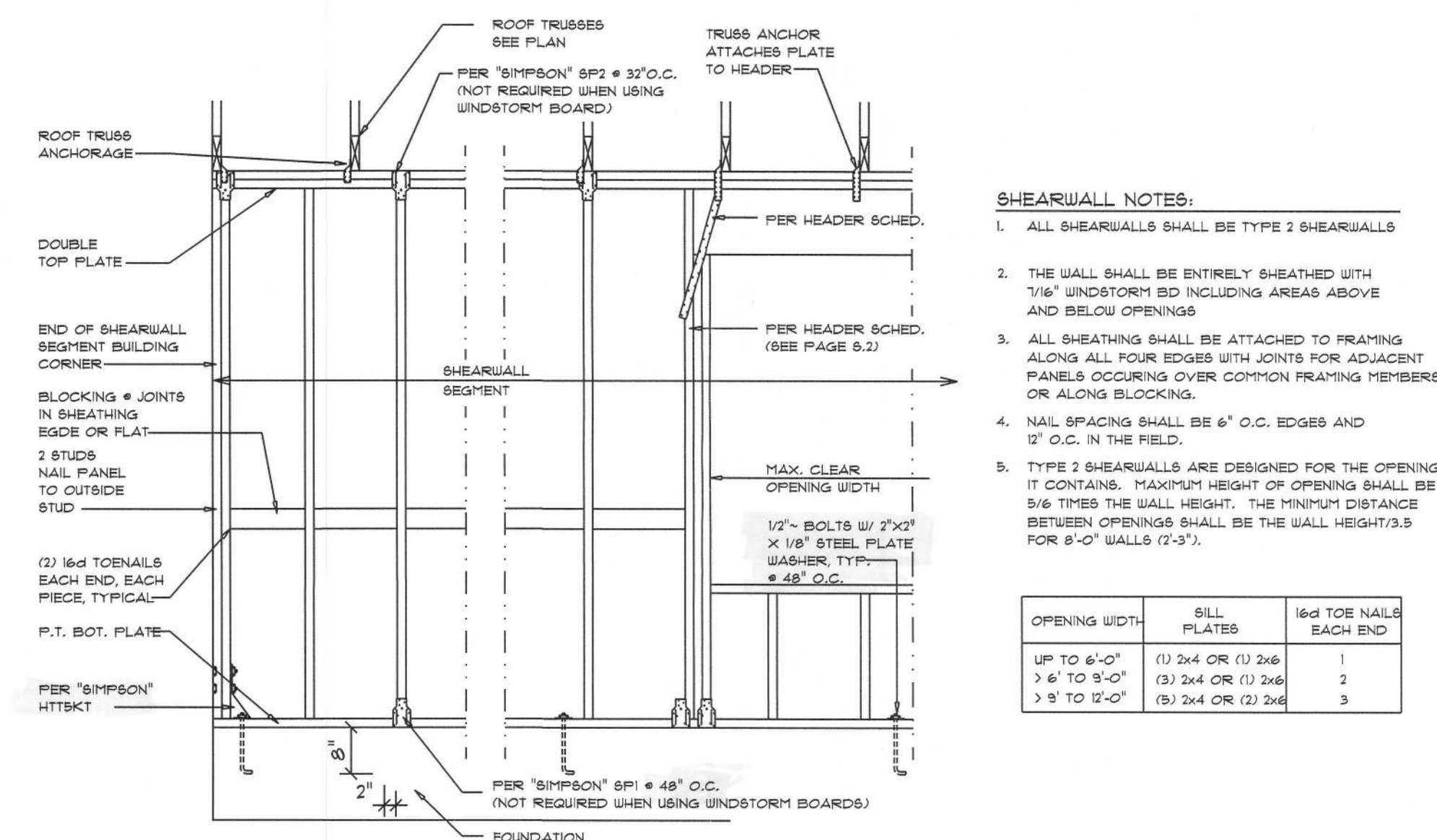


TYP. PERMANENT TRUSS BRACING DIA.

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

Truss Bracing DETAILS

SCALE: AS NOTED



- SHEARWALL NOTES:**
- ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS.
 - THE WALL SHALL BE ENTIRELY SHEATHED WITH 7/8" WINDSTORM BOARD 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 9'-0"	(2) 2x4 OR (1) 2x6	2
> 9' TO 12'-0"	(3) 2x4 OR (2) 2x6	3

REVISIONS
Oct. 24th, 2021

A NEW SPEC HOUSE FOR:
STANLEY CRAWFORD CONST.
Lot 24 Rose Pointe, Lake City, FL

NICHOLAS PAUL GIESLER ARCHITECT
P.L.L.C.
13501 Biscayne Blvd., Suite 100
Miami, FL 33181
(305) 365-1355

SHEET NUMBER
S.4
OF 4 SHEETS

11/22/21
22/08/2021
ATC0007006