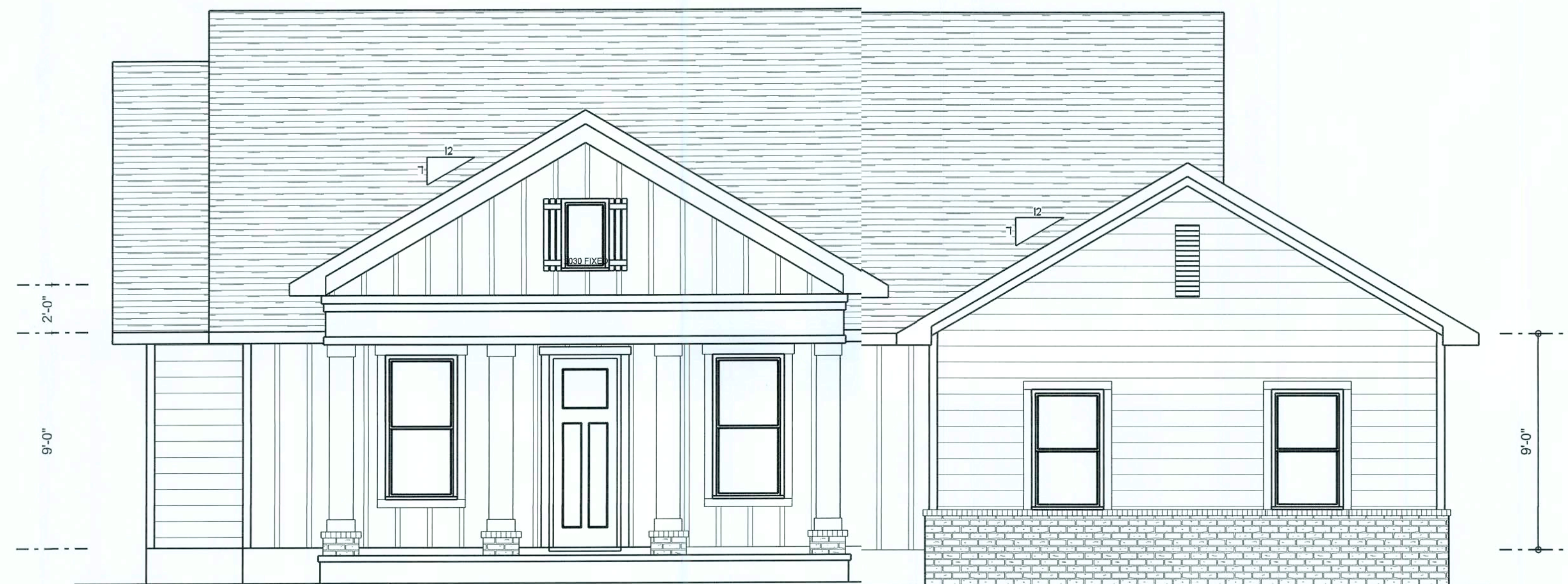
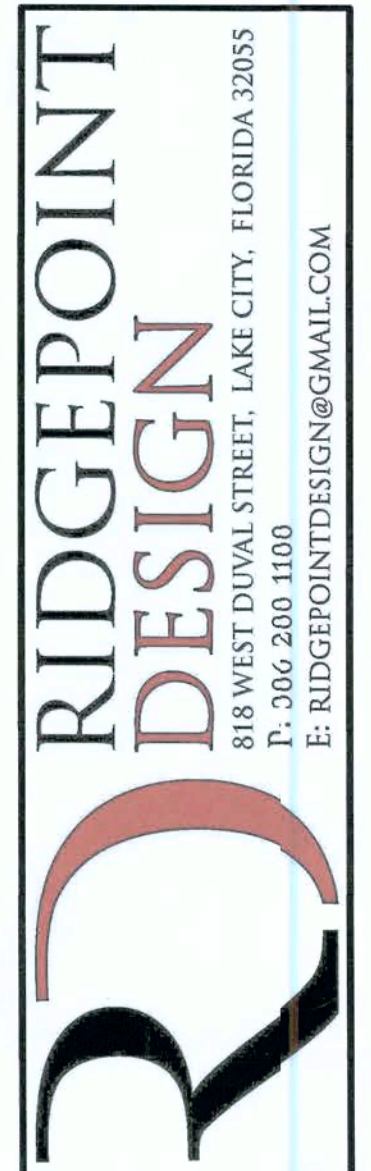


REAR ELEVATION
SCALE: 1/4" = 1'-0"



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



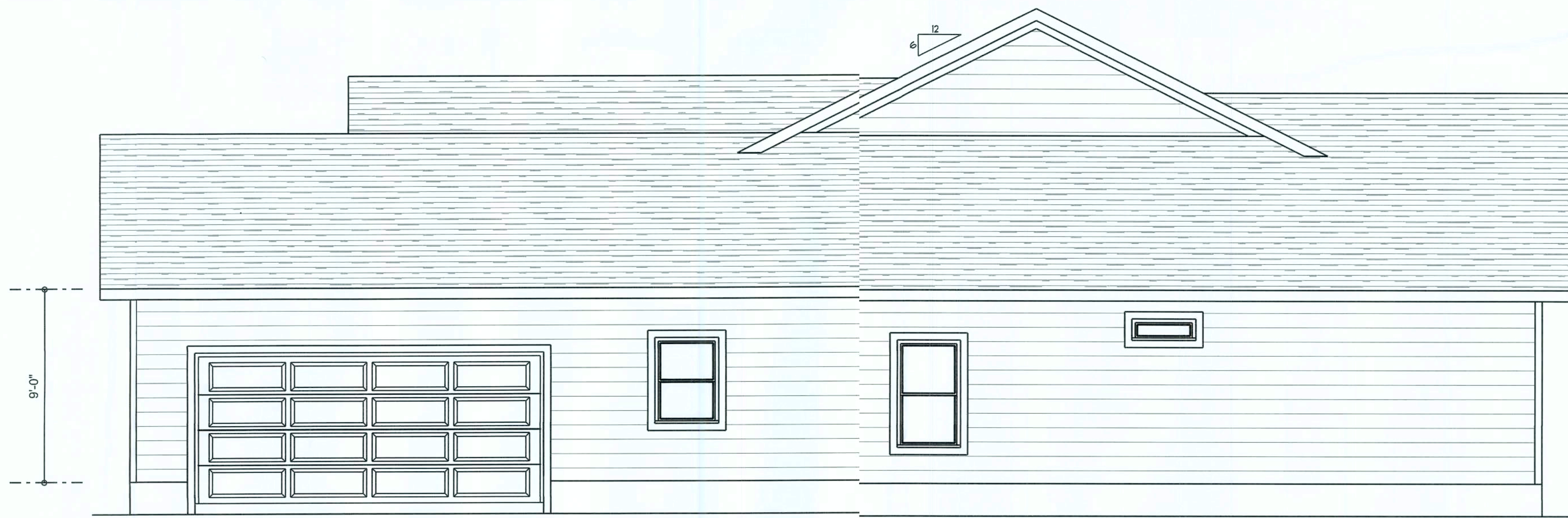
SHEET NUMBER
A.1
OF 4 SHEETS

INDIGO MODEL
Lot 10, High Pointe Subdivision, Lake City, FL 32055
IC CONSTRUCTION
818 W Duval St, Lake City, FL 32055

REVISIONS SCHEDULE	



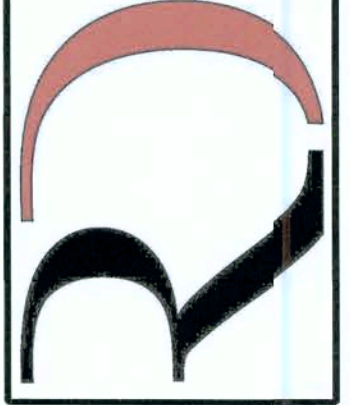
LEFT ELEVATION
SCALE: 1/4" = 1'-0"



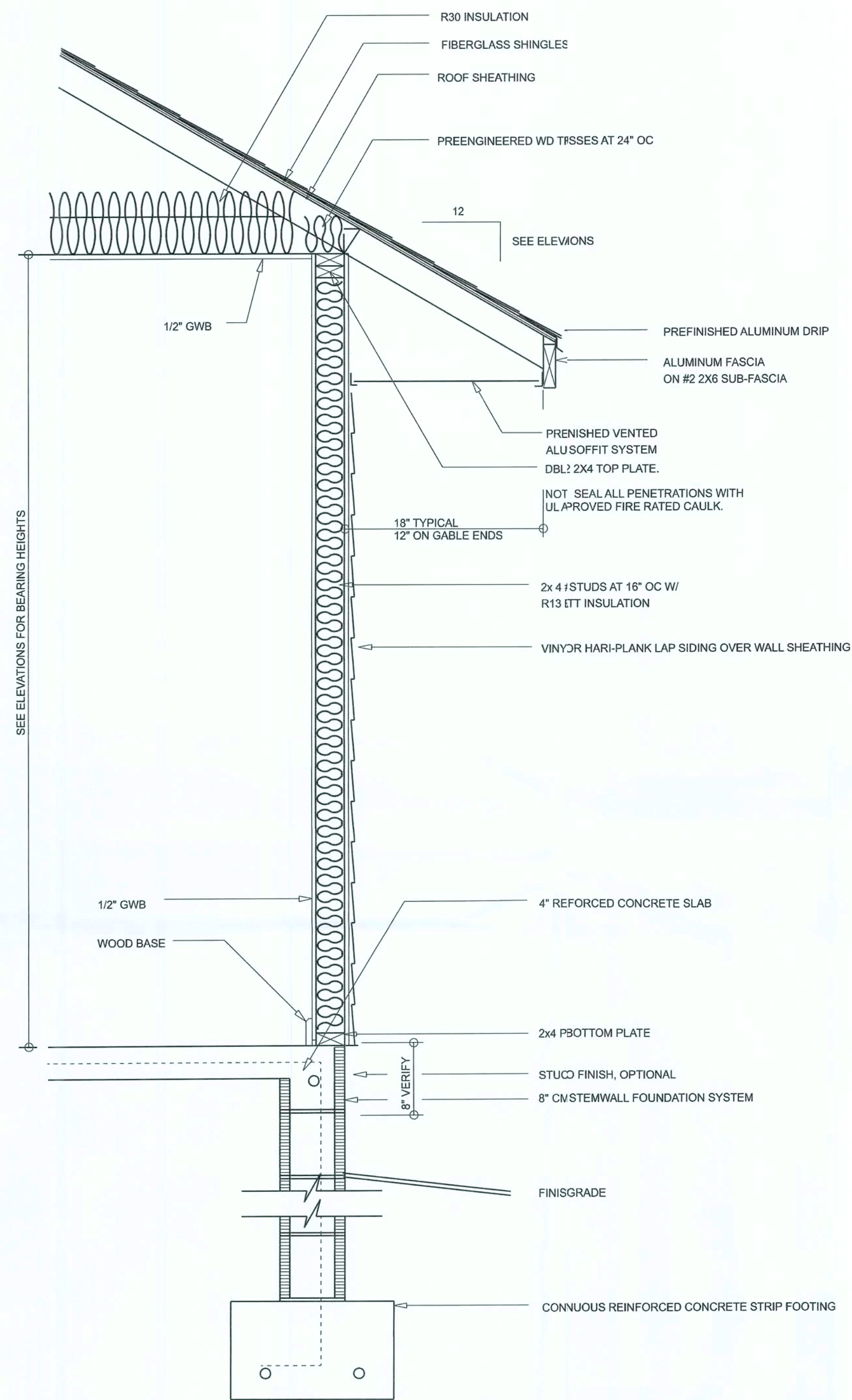
RIGHT ELEVATION
SCALE: 1/4" = 1'-0"

REVISIONS SCHEDULE	

INDIGO MODEL
Lot 10, High Pointe Subdivision, Lake City, FL 32055
IC CONSTRUCTION
818 W Duval St, Lake City, FL 32055



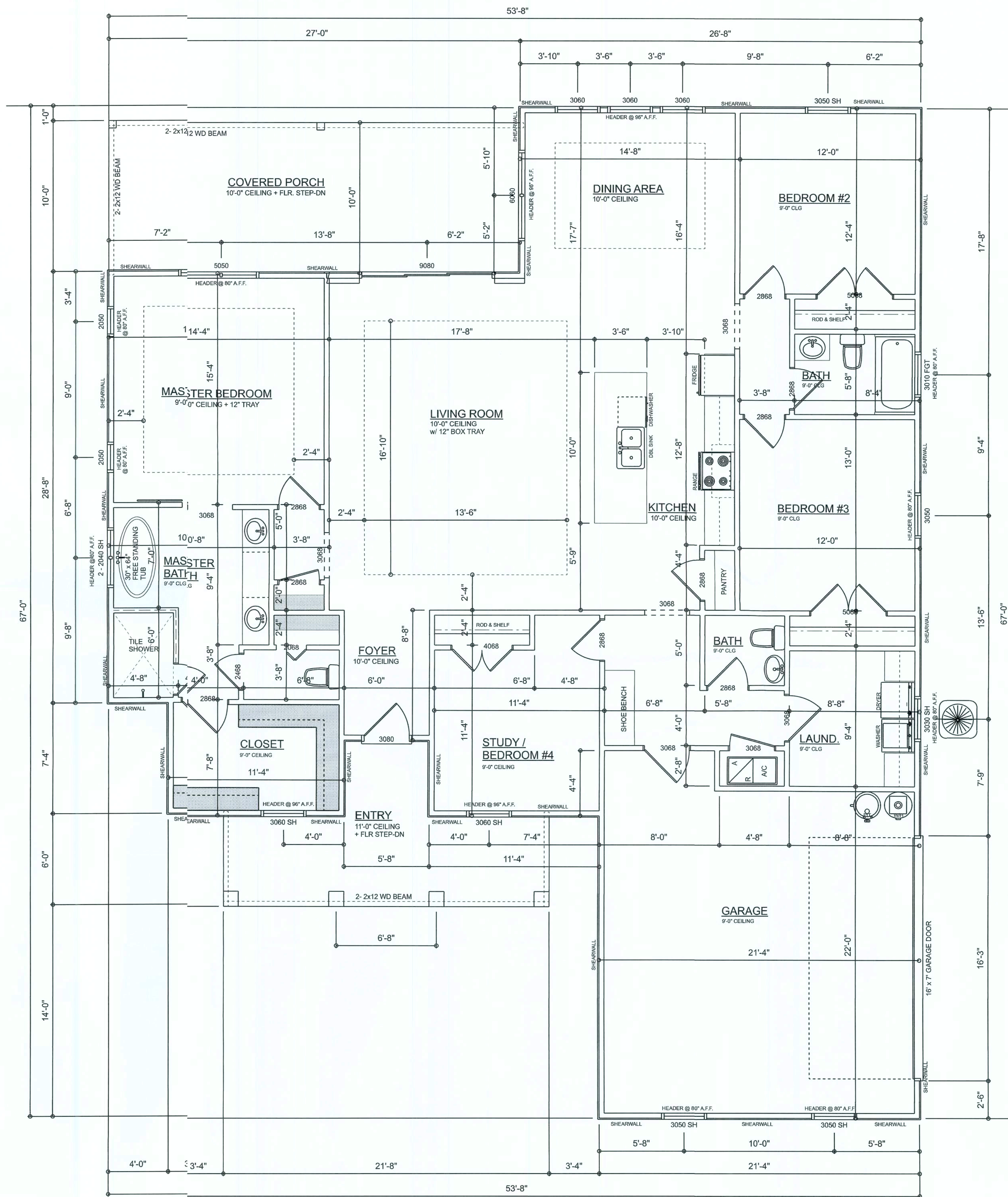
**RIDGEPOINT
DESIGN**
818 WEST DUVAL STREET, LAKE CITY, FLORIDA 32055
P: 386-388-1188
E: RIDGEPOINTDESIGN@GMAIL.COM



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

AREA SUMMARY		
LIVING	2,110	S.F.
ENTRY PORCH	158	S.F.
REAR PORCH	270	S.F.
GARAGE	484	S.F.
TOTAL AREA	3,022	S.F.

TOTAL CUBIC FOOTAGE OF CONDITIONED SPACE IS: 20,164



DIMENSIONED FLOOR PLAN

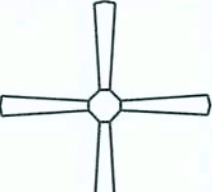
















SCALE: 1/4" = 1'-0"
ALL CEILING HEIGHTS TO O BE 9' UNLESS NOTED OTHERWISE

REVISIONS SCHEDULE	

INDIGO MODEL
Lot 10, High Pointe Subdivision, Lake City, FL 32055
IC CONSTRUCTION
818 W Duval St, Lake City, FL 32055

RIDGEPOINT DESIGN
818 WEST DUVAL STREET, LAKE CITY, FLORIDA 32055
P: 306-208-1108
E: RIDGEPOINTDESIGN@GMAIL.COM

SHEET NUMBER
A.2
OF 4 SHEETS

ELECTRICAL LIGEND		
ELECTRICAL	CONT	SYMBOL
CEILING FAN		
CAN LIGHT 6inch	1	
LED CEILING LIGHT 1x4		
PENDANT LIGHT		
EXTERIOR SCONCE		
MOTION SECURITY LIGHT		
ELECTRIC PANEL		
EXHAUST FAN		
OUTLET	3	
OUTLET 220v		
OUTLET GFI	1	
OUTLET WP		
SMOKE DETECTOR		
STANDARD LIGHT	1	
SWITCH	2	
SWITCH 3 WAY	1	
VANITY BAR LIGHT - SMALL		

ELECTRICAL PLAN NOTES:

INSTALLATION SHALL BE PER 2017 NAL ELECTRIC CODE.

WIRE ALL APPLIANCES, HVAC UNITS AD OTHER EQUIPMENT PER MANUF. SPECIFICATIONS

CONSULT WITH THE OWNER FOR THEIUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED

ALL SMOKE DETECTORS SHALL BE 12v W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYE, AND SHALL BE INTERLOCKED TOGETHER. INSTALNSIDE AND NEAR ALL BEDROOMS

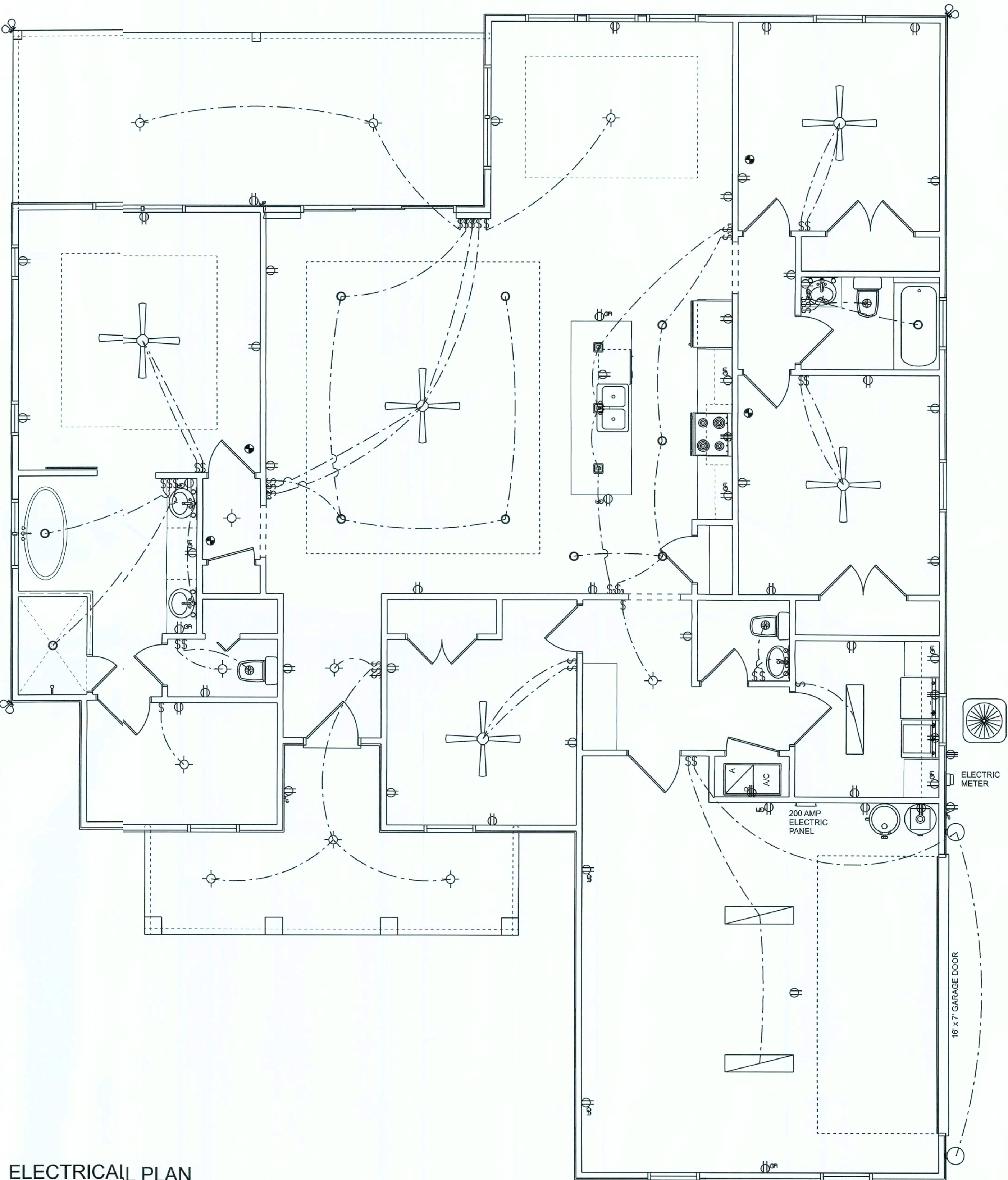
TELEPHONE, TELEVISION AND OTHEROW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PR THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APLICABLE SECTIONS OF NEC-LATEST EDITION.

ALL RECEPTICALS, NOT OTHERWISE NTED, SHALL BE ARC FAULT INTERRUPTER TYPE, EXCEPT CDICATED OUTLETS

ALL RECEPTICALS IN WET AREAS SHAL BE GROUND FAULT INTERRUPTER TYPE (GFI)

ALL EXTERIOR RECEPTICALS SHALL B WEATHERPROOF GROUD FAULT INTERRUPTER TYPE (W/GFI)

NOTE:
ELECTRICAL CONT'R SHALL PREPAREAS-BUILT* SHOP DWGS INDICATING ALL ELECTRICAL WRK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADDN TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT N: DESCRIPTION BRKR, SERVICE ENT, & ALL UNDERGROUND WIRE LOCATIOS/ROUTING / DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZE/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE 1 COP OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT SUIING AUTHORITY



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

REVISIONS SCHEDULE	

INDIGO MODEL
Lot 10, High Pointe Subdivision, Lake City, FL 32055

IC CONSTRUCTION
818 W Duval St, Lake City, FL 32055

RIDGEPOINT
DESIGN

818 WEST DUVAL STREET, LAKE CITY, FLORIDA 32055
P: 386-388-1188
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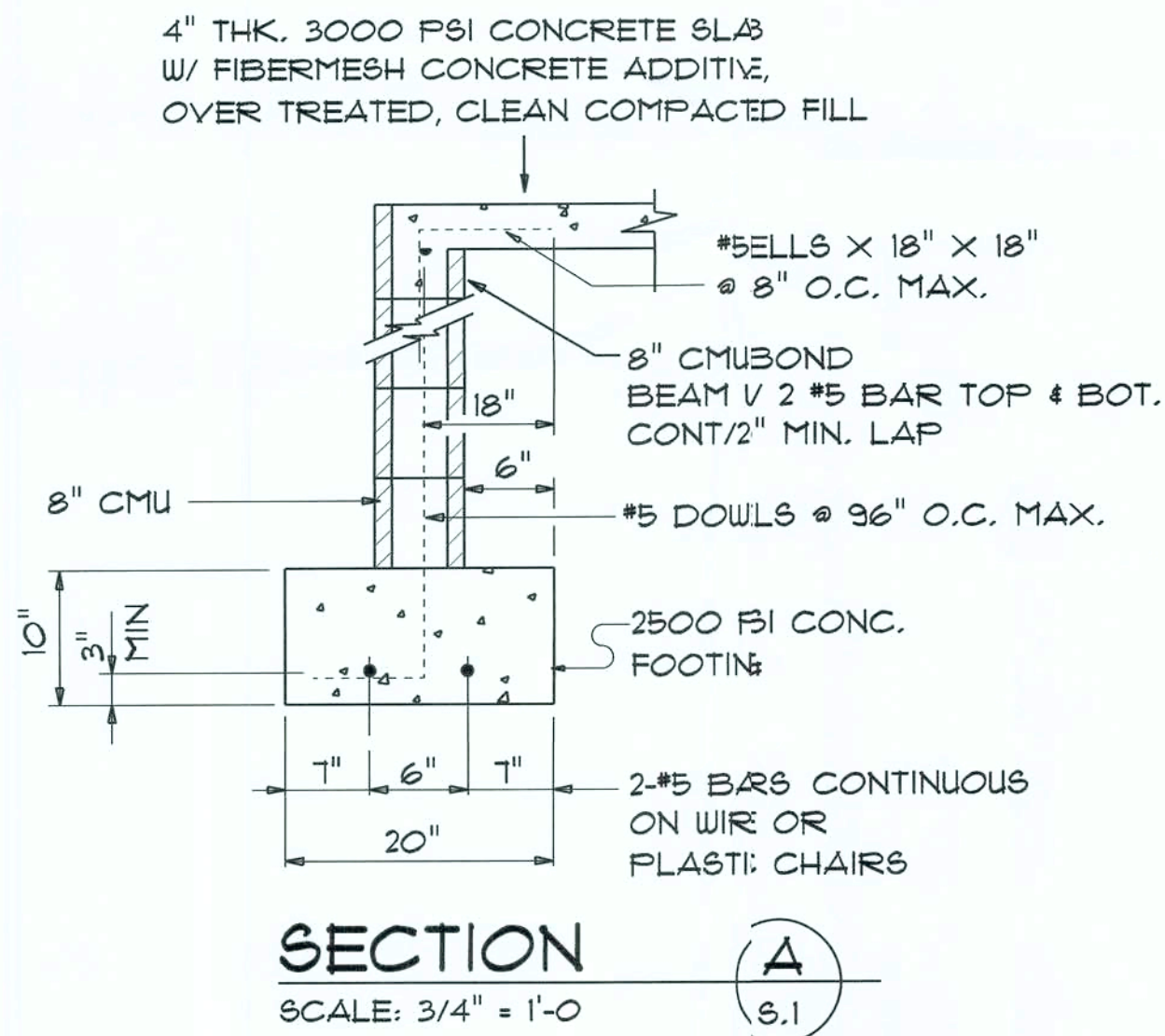
SHEET NUMBER

A.4

OF 4 SHEETS

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 98% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, OR EACH 12" LIFT.
- REINFORCING STEEL SHALL BE GRADE 60 AND 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 = 80 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 SILL, 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 12" 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.

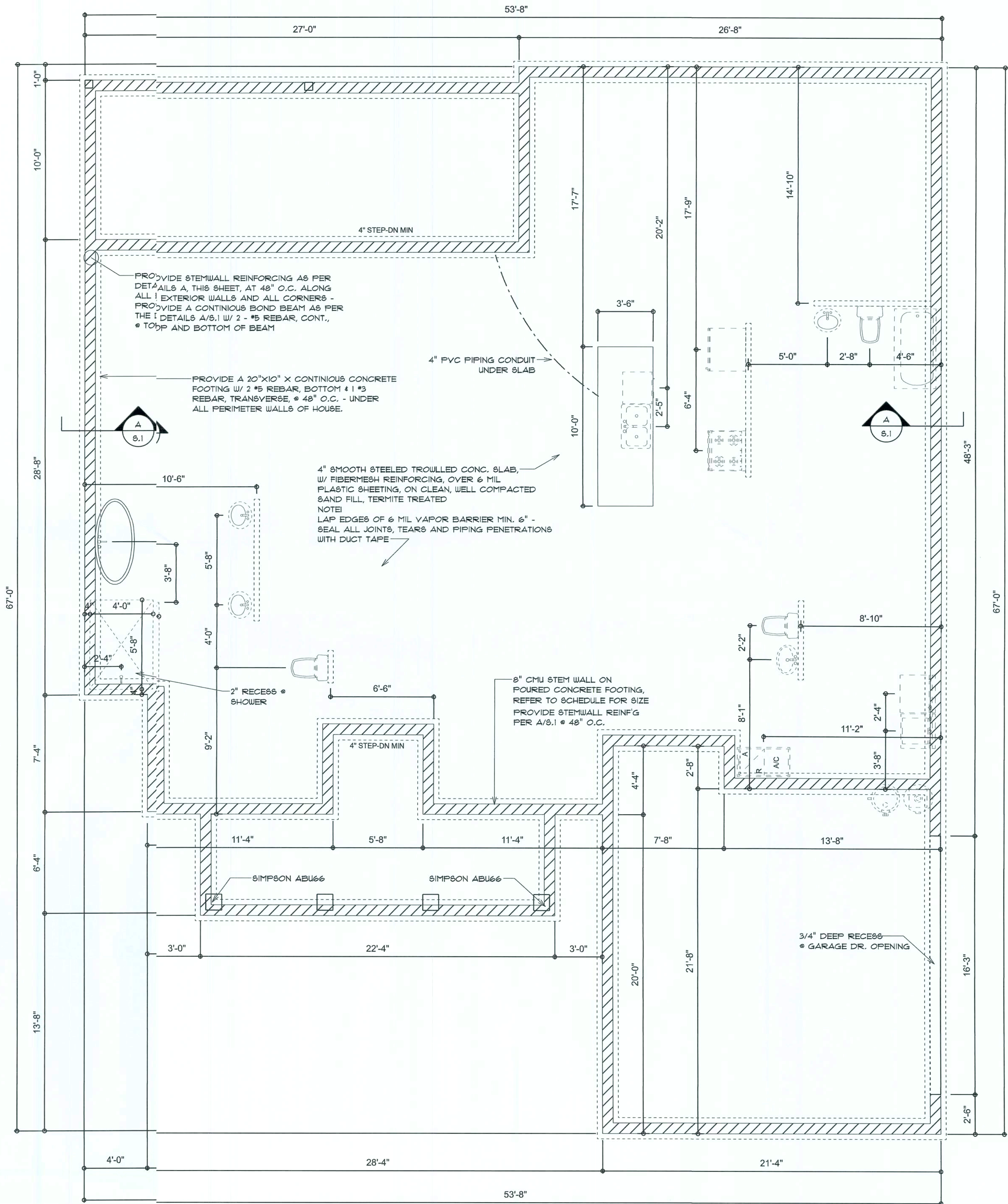


NOTE:
THE DESIGN WIND SPEED FOR THIS
PROJECT IS 130 MPH PER FBC 1603
AND LOCAL JURISDICTION REQUIREMENTS

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

NOTE:
ADDED FILL SHALL BE APPLIED IN 8" LIFTS -
EA. LIFT SHALL BE COMPACTED TO 98% DRY
COMPACTION PER THE "MODIFIED PROCTOR"
METHOD.

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 CH. & BALANCING
REPORT - CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DRAWING
TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.



REVISIONS
JUNE 24th, 2019

INDIGO MODEL
Lot 10, High Pointe Subdivision, Lake City, FL 32055
IC CONSTRUCTION
818 W Duval St, Lake City, FL 32055

NICHOLAS
PAUL
GEISLER
ARCHITECT
1786 NW Brown Rd.
Lake City, FL 32055
(386) 355-9021
N.C.A.A.C. Certified

SHEET NUMBER

S.1

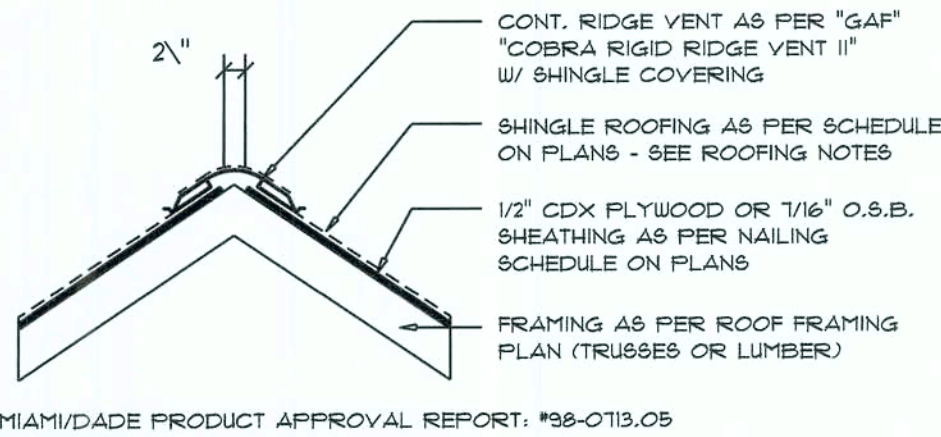
OF 4 SHEETS



WOOD STRUCTURAL NOTES

1. TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR SO ENGAGED. TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDELINES OF THE "TRUSS PLATE INSTITUTE".
2. ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAME. TRUSS DESIGN SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS OF INSTALLATION OF THE "TRUSS PLATE INSTITUTE".
3. WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN No.2 HEM-FIR OR BETTER.
4. CONNECTORS FOR WOOD FRAMING SHALL BE GALVANIZED METAL OR BLACK METAL AS MANUFACTURED OR AS CALLED FOR IN THE PLANS AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE INTENDED. REFER TO THE JOINT REINFORCEMENT SCHEDULE FOR PRINCIPLE CONNECTIONS.

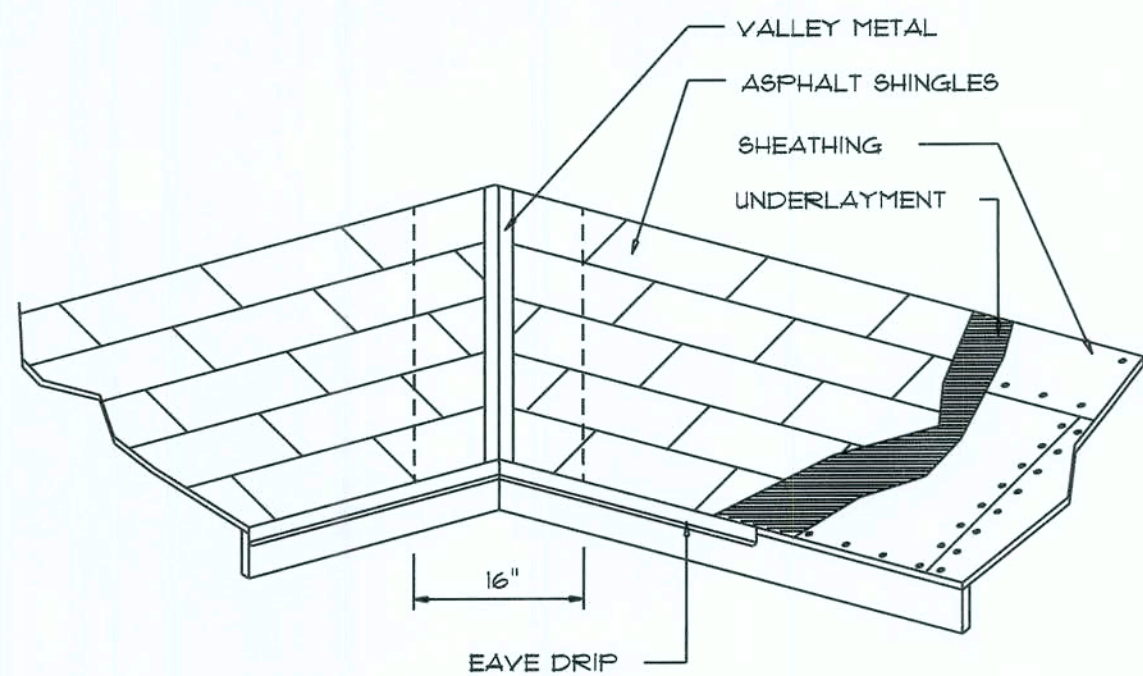
AREA OF ATTIC	REQ'D L.F. OF VENT	NET FREE AREA OF INTAKE
1600 SF	20 LF	410 SQ.IN.
1800 SF	24 LF	480 SQ.IN.
2200 SF	28 LF	570 SQ.IN.
2500 SF	32 LF	650 SQ.IN.
2800 SF	36 LF	730 SQ.IN.
3100 SF	40 LF	820 SQ.IN.
3600 SF	44 LF	900 SQ.IN.



Ridge Vent DETAIL

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

B



VALLEY FLASHING

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	0.0178	26 (ZINC COATED G90)	
ZINC ALLOY LEAD PAINTED TERNE	0.021		40 20

Roofing/Flashing DETS.

SCALE: NONE

A

NOTE:
SHEATH ROOF w/ 1/2" CDX PLYWOOD 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:

WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING.

TO LIMIT CAVITY HEIGHT TO 8'-0", PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES, NOTED ABOVE

NOTE:
ANCHOR GIRDER TRUSS(ES) TO HEADER WITH 2 "SIMPSON" LGT(2, 3 OR 4), ANCHOR HEADER TO KING STUDS w/ 2 "SIMPSON" ST2 EA. END - TYP., T.O.

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 MSTA24 TOP AND 1 - SIMPSON SPHAR BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 1 FULL HEIGHT STUDS 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 SPHAR 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

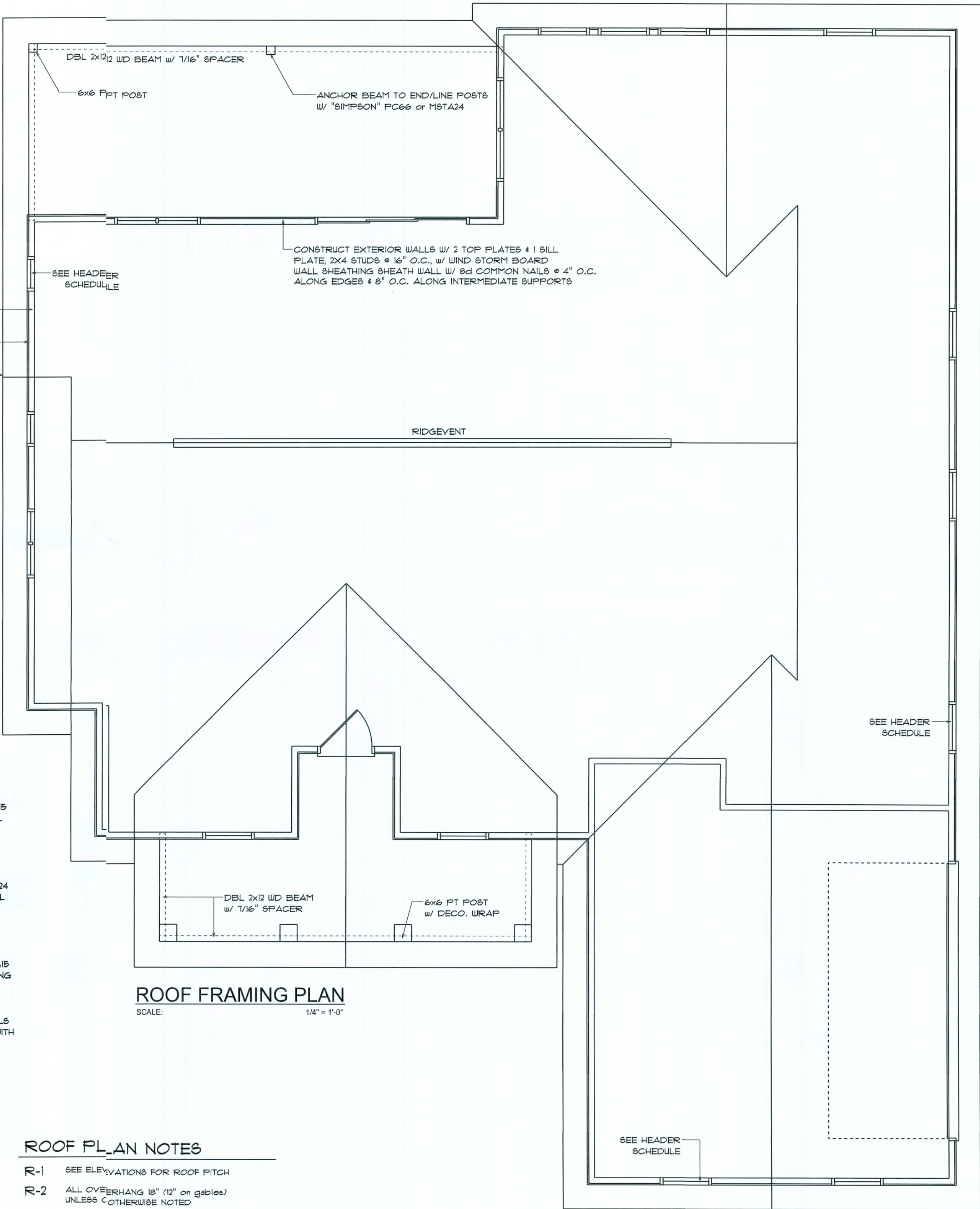
DOUBLE 2x12 No.#2 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10d x 0.128" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 3 - SIMPSON MSTA24 TOP AND 2 - SIMPSON SPHAR BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 2 FULL HEIGHT STUDS EACH SIDE OF OPENING

16'-0" GARAGE DOOR OPENINGS

2 PLY 1 3/4" x 11 1/8" 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 MSTA24 TOP AND 2 - SIMPSON SPHAR BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 2 FULL HEIGHT STUDS EACH SIDE OF OPENING

GENERAL TRUSS NOTES:

1. 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.
2. TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
3. 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"

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 FLATE AND HEEL HEIGHTS
- R-5 MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

REVISIONS

JUNE 24th, 2019

INDIGO MODEL
Lot 10, High Pointe Subdivision, Lake City, FL 32055
IC CONSTRUCTION
818 W Duval St, Lake City, FL 32055

NICHOLAS PAUL GEISLER ARCHITECT
1786 NW Brown Rd., Suite 100, Lake City, FL 32055
(904) 955-9021
NCA#0007005

SHEET NUMBER

S.2

OF 4 SHEETS

AR0007005

FLORIDA BUILDING CODE	
Compliance Summary	
TYPE OF CONSTRUCTION	
Roof:	Gable Construction, Wood Trusses @ 24" O
Walls:	2x4 Wood Studs @ 16" O.C.
Floor:	4" Thk. Concrete Slab W/ Fiberglass Concrete Additive
Foundation:	Continuous Footer/Beam W/
ROOF DECKING	
Material:	1/2" CD Plywood or 1/16" O.B.
Sheet Size:	48"x96" Sheets Perpendicular to Roof Framing
Fasteners:	8d Common Nails per schedule on sheet A.1
SHEARWALLS	
Material:	1/2" CD Plywood or 1/16" O.B.
Sheet Size:	48"x96" Sheets Placed Vertical
Fasteners:	8d Common Nails @ 4" O.C. Edges & 8" O.C. Interior
Diaphragm:	Double Top Plate (S.Y.F.) W/ 16d Nails @ 12" O.C.
Wall Studs:	2x4 Studs @ 16" O.C.
HURRICANE UPLIFT CONNECTORS	
Truss Anchors:	SIMPSON H2.5a @ Ea. Tee End (Typ. U.O.N.)
Wall Tension:	Wall Sheathing Nailing Schedule - 8d @ 4" O.C. Top & Bot.
Anchor Bolts:	1/2" A307 Bolts @ 48" C. - 1st Bolt 12"-16" from corner
Corner Hold-down Device:	(1) HD5a each corner
Porch Column Base Connector:	Simpson ABU66 @ each column
Porch Column to Beam Connector:	Simpson EPC66/PC66 @ each column
FOOTINGS AND FOUNDATIONS	
Footings:	20"x10" x CONT., CONCRETE FOOTING W/ 2 #5 REBAR.

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: $V_{ULT} = 130$ MPH
 $V_{50} = 101$ 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:

RESIDENTIAL: 40 PSF

BALCONIES: 60 PSF

5. WIND NET UPLIFT: ARE AS INDICATED ON PLS

TERMITE PROTECTION NOTES:

SOIL CHEMICAL BARRIER METHOD:

1. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINFECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 104.2.6

2. CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 1503.4

3. IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 1503.4.4

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 CEMENTOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1403.1.6

5. INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1816.1.1

6. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 1816.1.2

7. 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

8. 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

9. CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1816.1.5

10. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1816.1.6

11. 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

12. ALL BUILDINGS ARE REQUIRED TO HAVE PRE-CONSTRUCTION TREATMENT. FBC 1816.1.7

13. A CERTIFICATE OF COMPLIANCE MUST BE SUBMITTED 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 1816.1.7

14. 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

15. NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4

FRAMING ANCHOR SCHEDULE

APPLICATION	MANUFACTURER/MODEL	CAP.
TRUSSES TO WALL:	SIMPSON H2.5a OR SUDC15600 SCREWS	600*
GIREDER TRUSSES TO POST/HEADER:	SIMPSON LGT. W/ 28 - 16d NAILS	1785*
HEADER TO KING STUD(S):	SIMPSON ST22	1370*
PLATE TO STUD:	NO CONNECTION REQ. WHEN USING WINDSTORM BOARD	
STUD TO SILL:	NO CONNECTION REQ. WHEN USING WINDSTORM BOARD	
PORCH BEAM TO POST:	SIMPSON PC66 or MSTA24	1700*
PORCH POST TO FND.:	SIMPSON ABU66	2200*
MISC. JOINTS	SIMPSON A34	315*/240*

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.

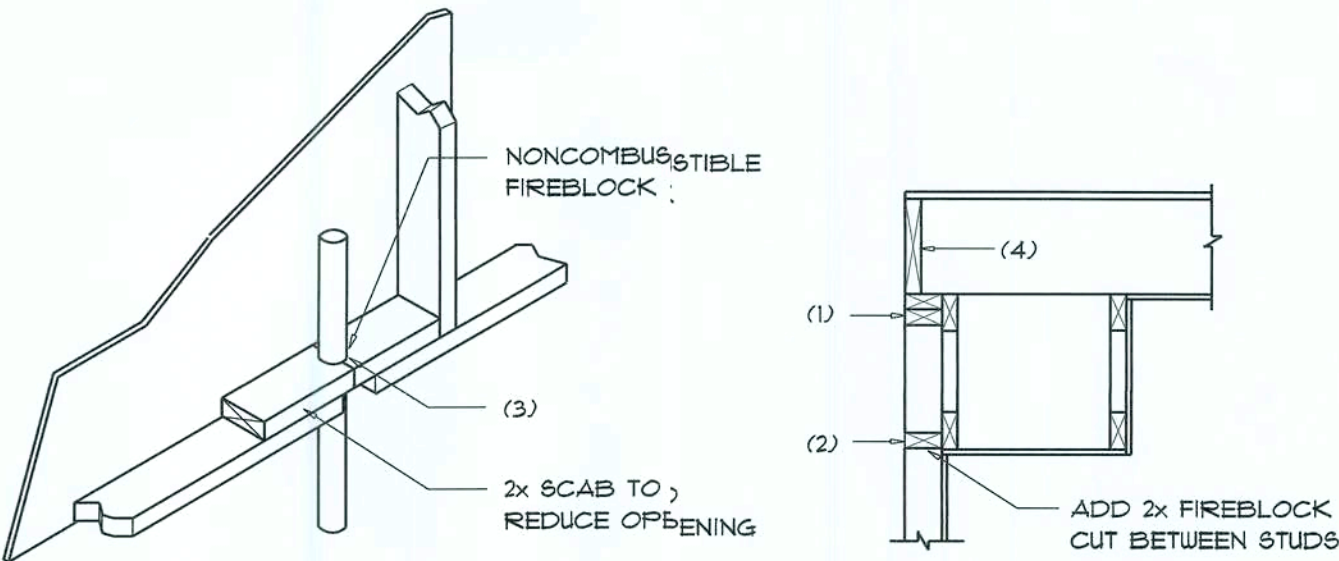
NOTE:
ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL, T.O.

NOTE:
"SEMCO" PRODUCT APPROVAL:
MIAMI/DADE COUNTY REPORT #35-0818.15

NOTE:
"SIMPSON" PRODUCT APPROVALS:
MIAMI/DADE COUNTY REPORT #37-0107.05, #96-1126.11, #99-0623.04
BCCI NER-443, NER-393

		BUILDING COMPONENTS & CLADDING LOADS		MEAN BUILDING HEIGHT = 330.0', EXPOSURE "B"		ROOF ANGLE 1" TO 21"	
		WIND NO.	WIND DIR.	V _{ULT} 110 MPH	V _{ULT} 120 MPH	V _{ULT} 130 MPH	V _{ULT} 140 MPH
ROOF	TYPICAL	1	10	12.0 / -19.9	14.9 / -23.7	17.15 / -27.8	20.3 / -32.3
		1	20	11.4 / -19.4	13.6 / -23.0	16.0 / -27.0	18.5 / -31.4
		1	50	10.0 / -18.6	11.9 / -22.2	13.9 / -26.0	16.1 / -30.2
		2	10	12.5 / -34.7	14.9 / -41.3	17.15 / -48.4	20.3 / -56.2
		2	20	11.4 / -31.9	13.6 / -38.0	16.0 / -44.6	18.5 / -51.7
		2	50	10.0 / -28.2	11.9 / -33.6	13.9 / -39.4	16.1 / -45.7
	WALL	3	10	12.5 / -51.3	14.9 / -61.0	17.15 / -71.6	20.3 / -83.1
		3	20	11.4 / -47.9	13.6 / -57.1	16.0 / -67.0	18.5 / -77.7
		3	50	10.0 / -43.5	11.9 / -51.8	13.9 / -60.8	16.1 / -70.5
		4	10	21.8 / -23.6	25.9 / -34.7	30.0 / -33.0	35.3 / -39.2
		4	20	20.8 / -22.6	24.7 / -26.9	28.9 / -31.6	33.7 / -36.7
		4	50	19.5 / -21.3	23.2 / -25.4	27.1 / -29.8	31.6 / -34.6

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
15	1.00	1.21	1.43
20	1.00	1.28	1.58
25	1.00	1.35	1.61
30	1.00	1.40	1.66



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, DROPPED CEILINGS, COVE CEILINGS, ETC.
- AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYROFANNELEX 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 FA 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 OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 71 LB 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 1507.3.3.2.
- FOR OPEN VALLEYS, VALLEY LINING OF TWO PLYS OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 19 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.

NOTE !!!
ROOF SHINGLES SHALL BE AS MANUFACTURED BY "TAMKO ROOFING PRODUCTS" OF THE FOLLOWING MODELS:

GLASS-SEAL AR
ELITE GLASS-SEAL AR
HERITAGE 30 AR
HERITAGE 40 AR
HERITAGE 50 AR

THESE SHINGLES MEET THE REQUIREMENTS OF ASTM D-3161 TYPE I MODIFIED TO 130 MPH WINDS & FBC TAB 100, USING 4 NAILS/SHINGLE

REVISIONS
JUNE 24th, 2019

INDIGO MODEL
Lot 10, High Pointe Subdivision, Lake City, FL 32055
IC CONSTRUCTION
818 W Duval St, Lake City, FL 32055

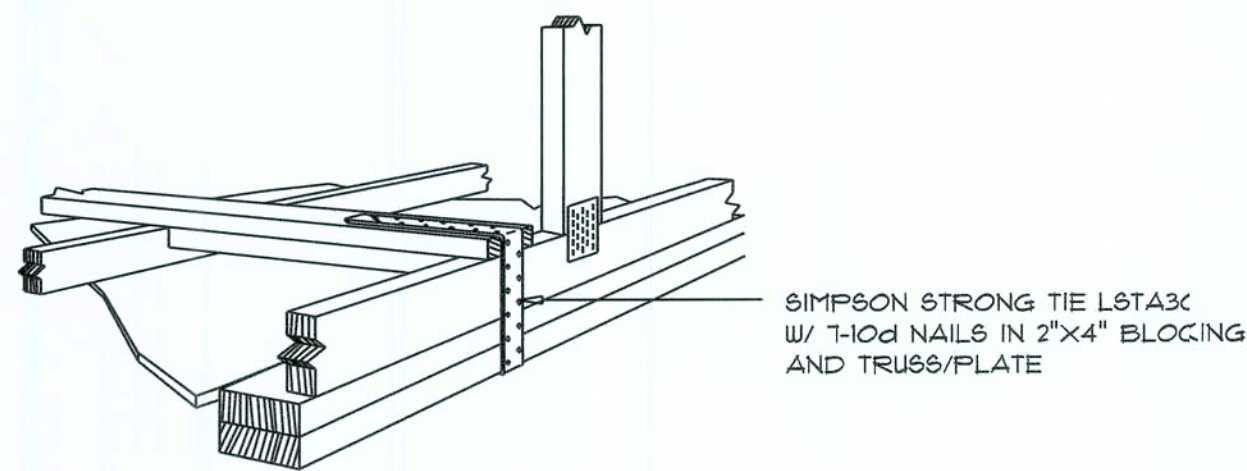
NICHOLAS PAUL GEISLER ARCHITECT
1105 N. Duval Rd.
Lake City, FL 32055
(888) 795-9021
NICHOLAS GEISLER ARCHITECT

SHEET NUMBER

S.3

OF 4 SHEETS

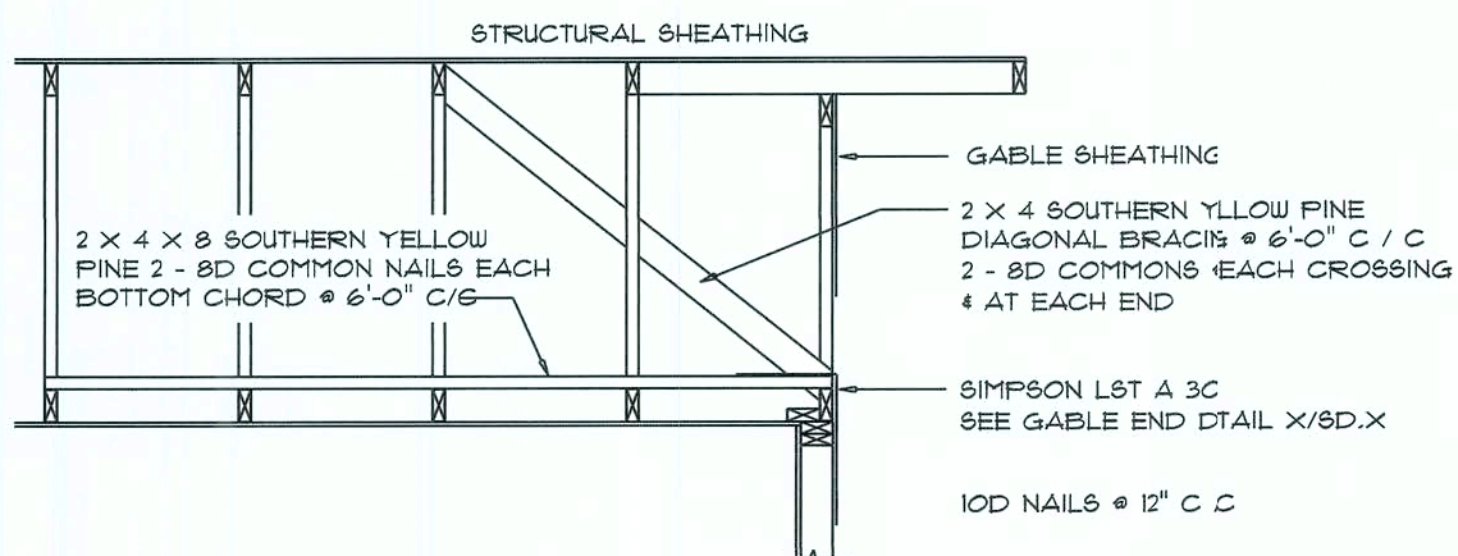
AR0007005



**GABLE END GYPSUM DIAPHRAGM
HOLDOWN CONNECTOR**

SCALE: NONE

A.1



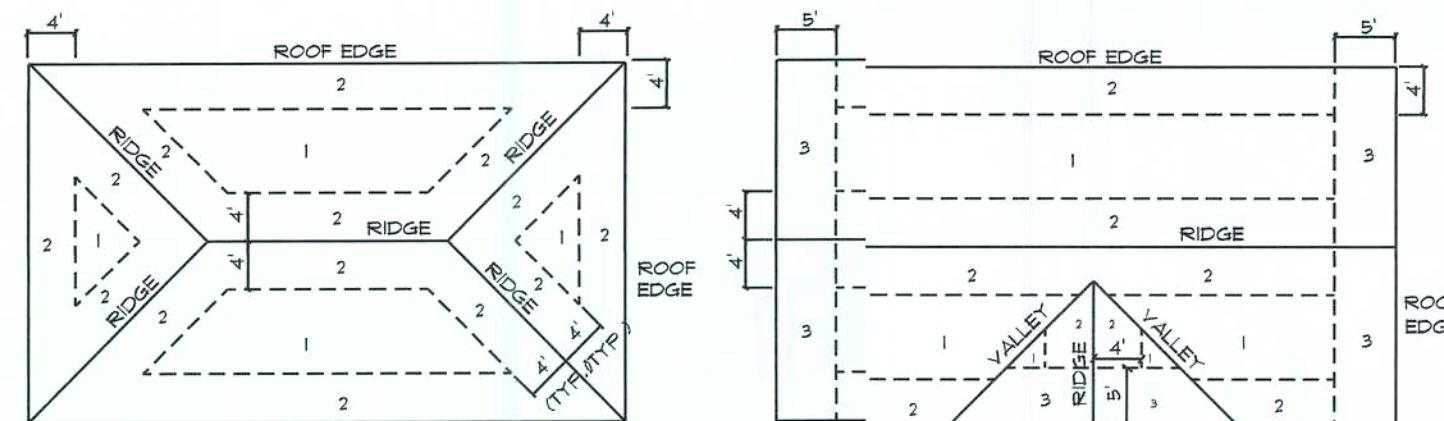
**END WALL BRACING FOR
CEILING DIAPHRAGM**

NTS (ALTERNATIVE TO BALLOON FRAMING)

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

A

ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1			6 in. o.c. EDGE 12 in. o.c. FIELD
2	1/16" O.S.B. OR 15/32 CDX	J13 RING SHANKED NAILS	6 in. o.c. EDGE 6 in. o.c. FIELD
3			4 in. o.c. GABLE END WALL OR GABLE TRUSS 6 in. o.c. EDGE 6 in. o.c. FIELD



**ROOF SHEATHING NAILING ZONES
(HIP ROOF)**

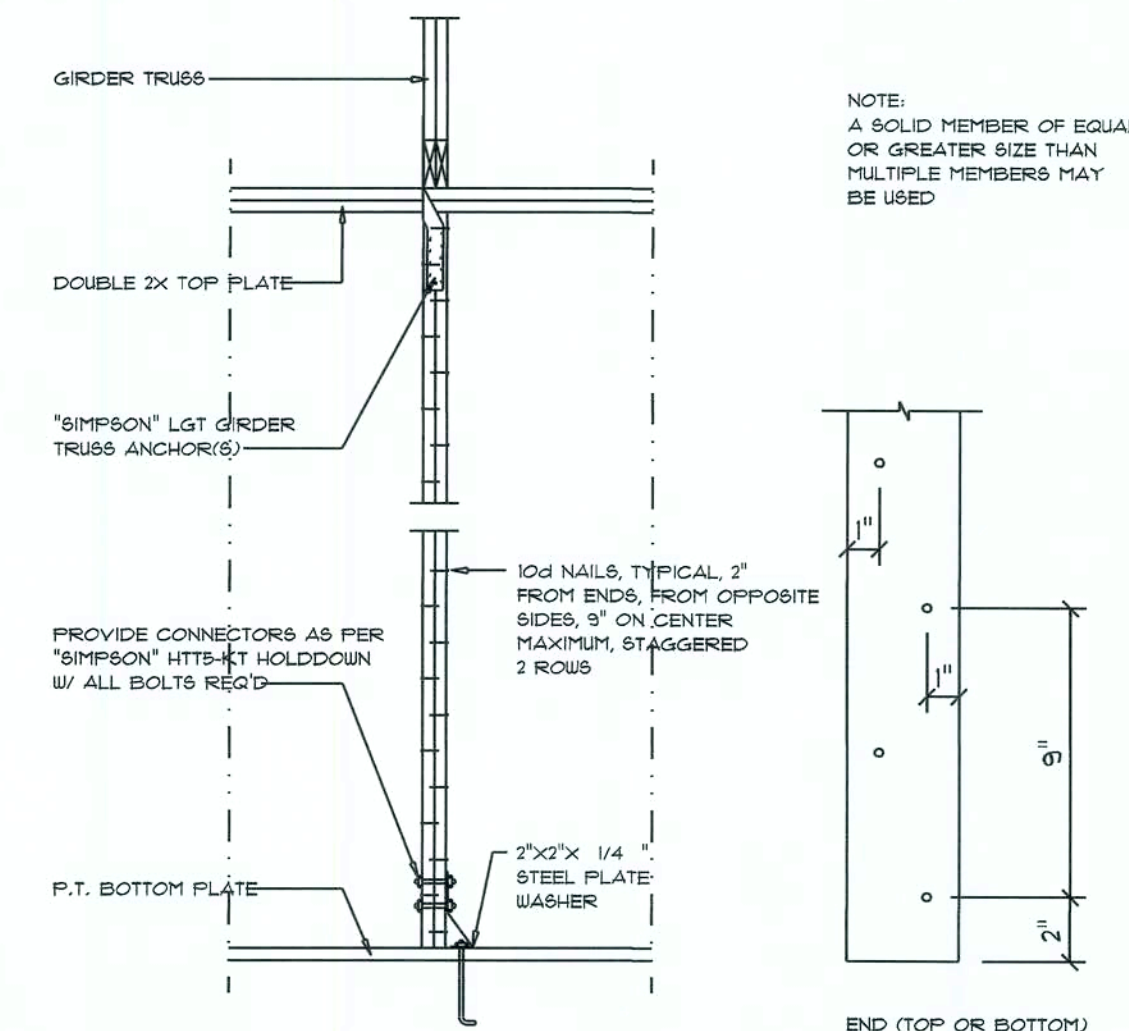
**ROOF SHEATHING NAILING ZONES
(GABLE ROOF)**

Roof Nail Pattern DET.

SCALE: NONE

B

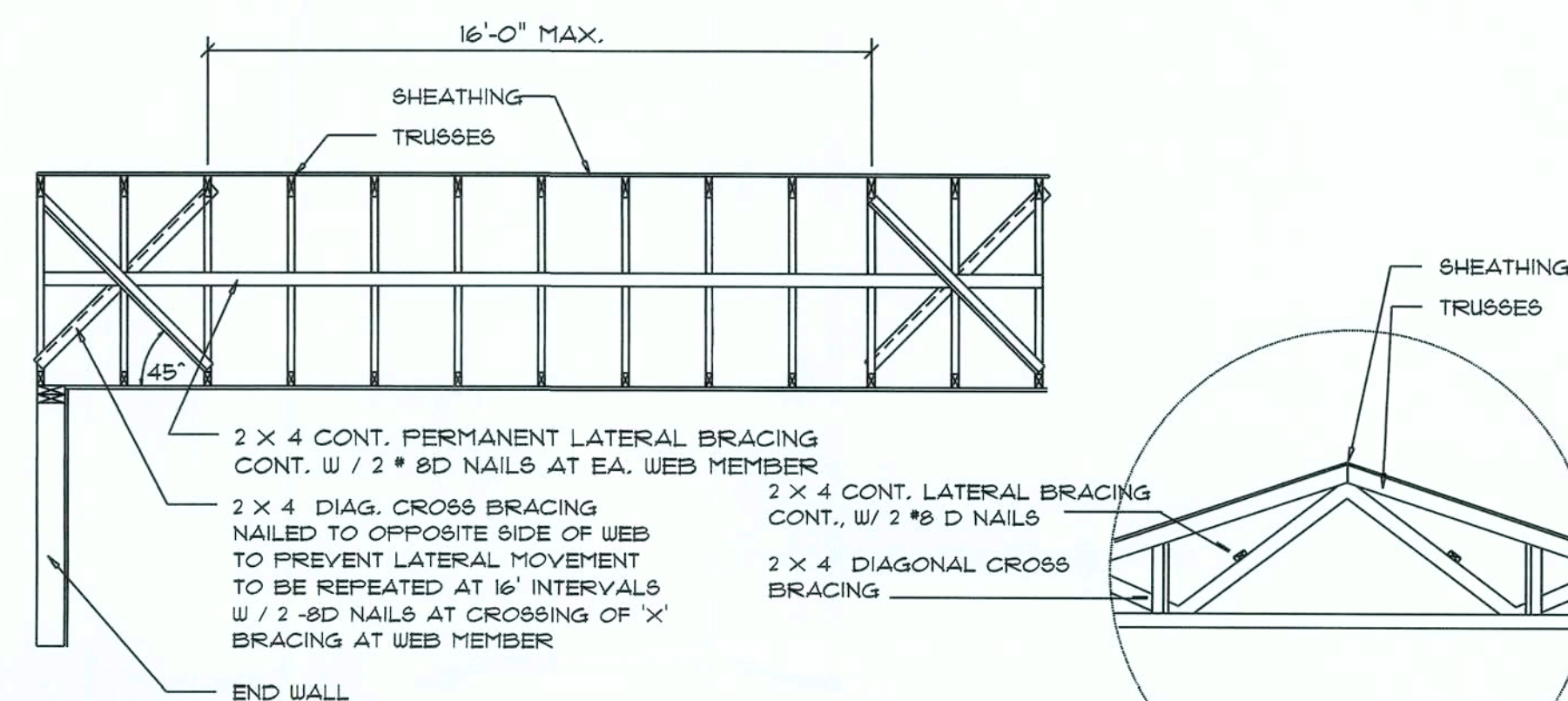
HEADERS SUPPORTING:		HEADER SPANS FOR EXTERIOR BEARING WALLS					
		BUILDING WIDTH (FT)					
		20'		28'		36'	
ROOF, CEILING	HEADER SIZE	SPAN	* JACKS	SPAN	* JACKS	SPAN	* JACKS
	2-2x4	3'-6"	1	3'-2"	1	2'-10"	1
	2-2x6	5'-5"	1	4'-8"	1	4'-2"	1
	2-2x8	6'-10"	1	5'-11"	2	5'-4"	1
	2-2x10	8'-5"	2	7'-3"	2	6'-6"	2
	2-2x12	9'-9"	2	8'-5"	2	7'-6"	2
	3-2x8	8'-4"	1	7'-5"	1	6'-8"	1
	3-2x10	10'-6"	1	9'-1"	2	8'-2"	1
	3-2x12	12'-2"	2	10'-11"	2	9'-5"	2
	4-2x8	9'-2"	1	8'-4"	1	9'-2"	1
ROOF, CEILING	4-2x10	11'-8"	1	10'-6"	1	9'-5"	1
	4-2x12	14'-11"	1	12'-2"	2	10'-11"	1



Girdler Truss Column DET.

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

C



TYP. PERMANENT TRUSS BRACING DIA.

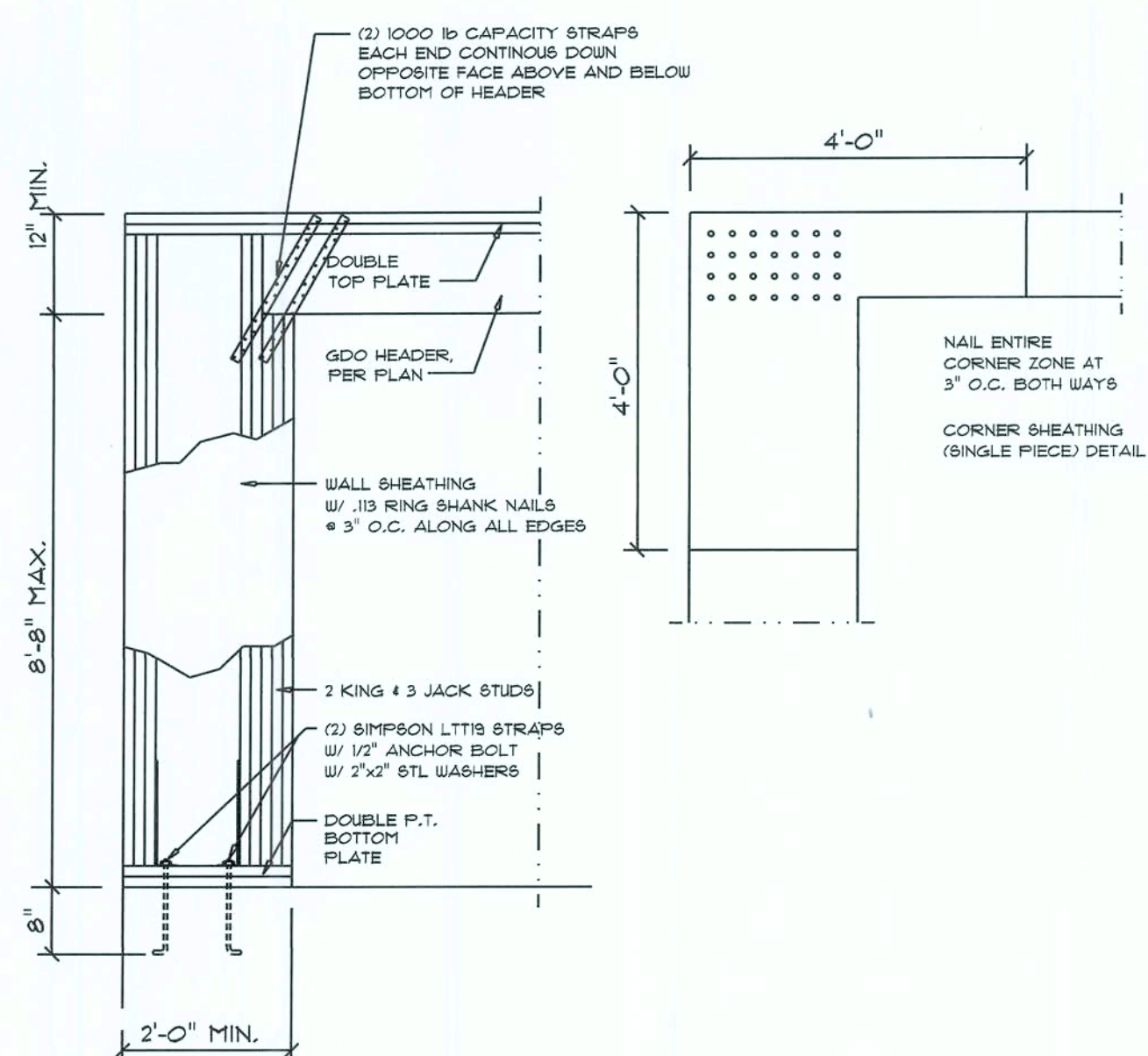
NTS

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

Truss Bracing DETAILS

SCALE: AS NOTED

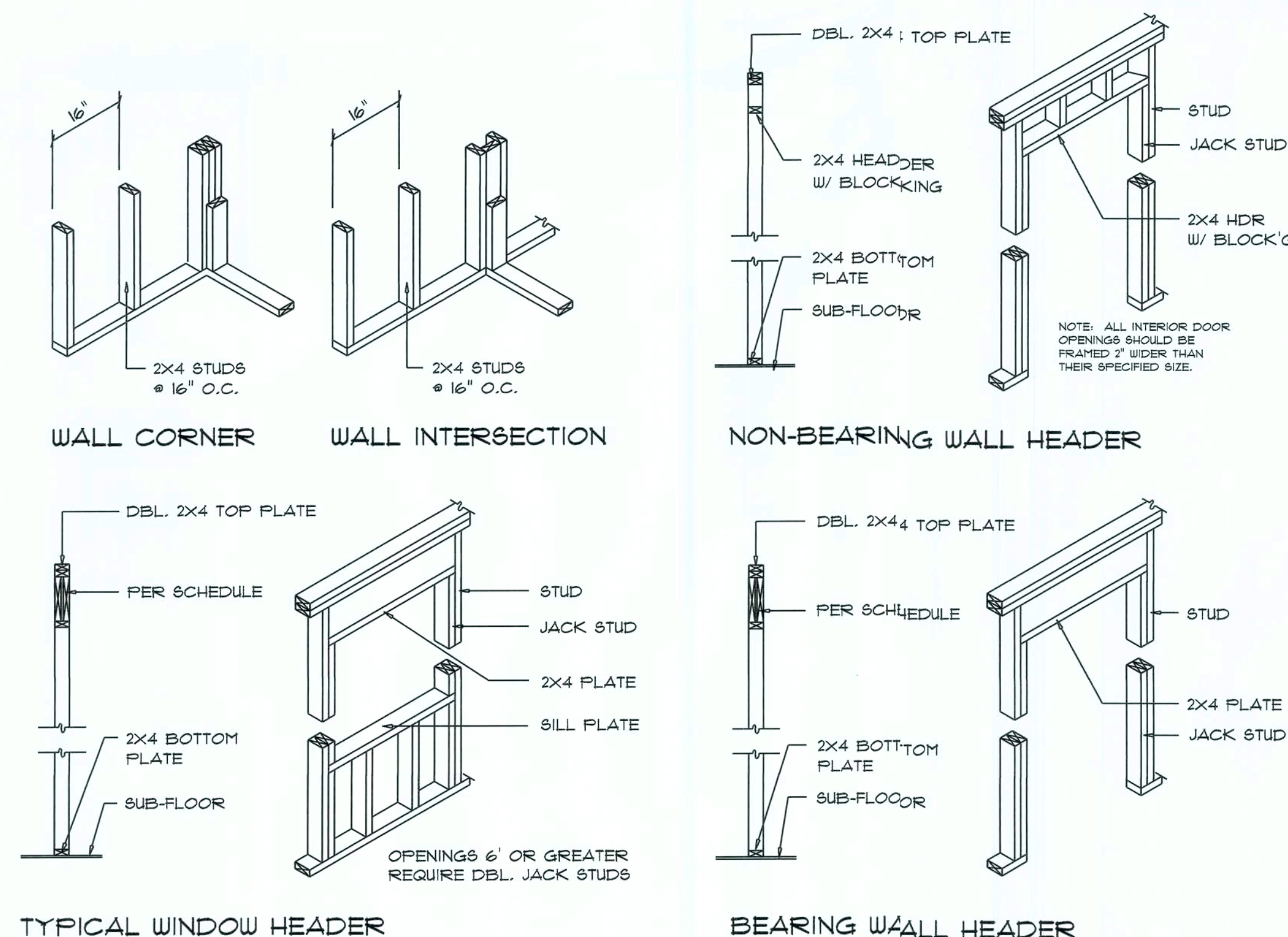
D



Garage Side Wall DETAILS

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

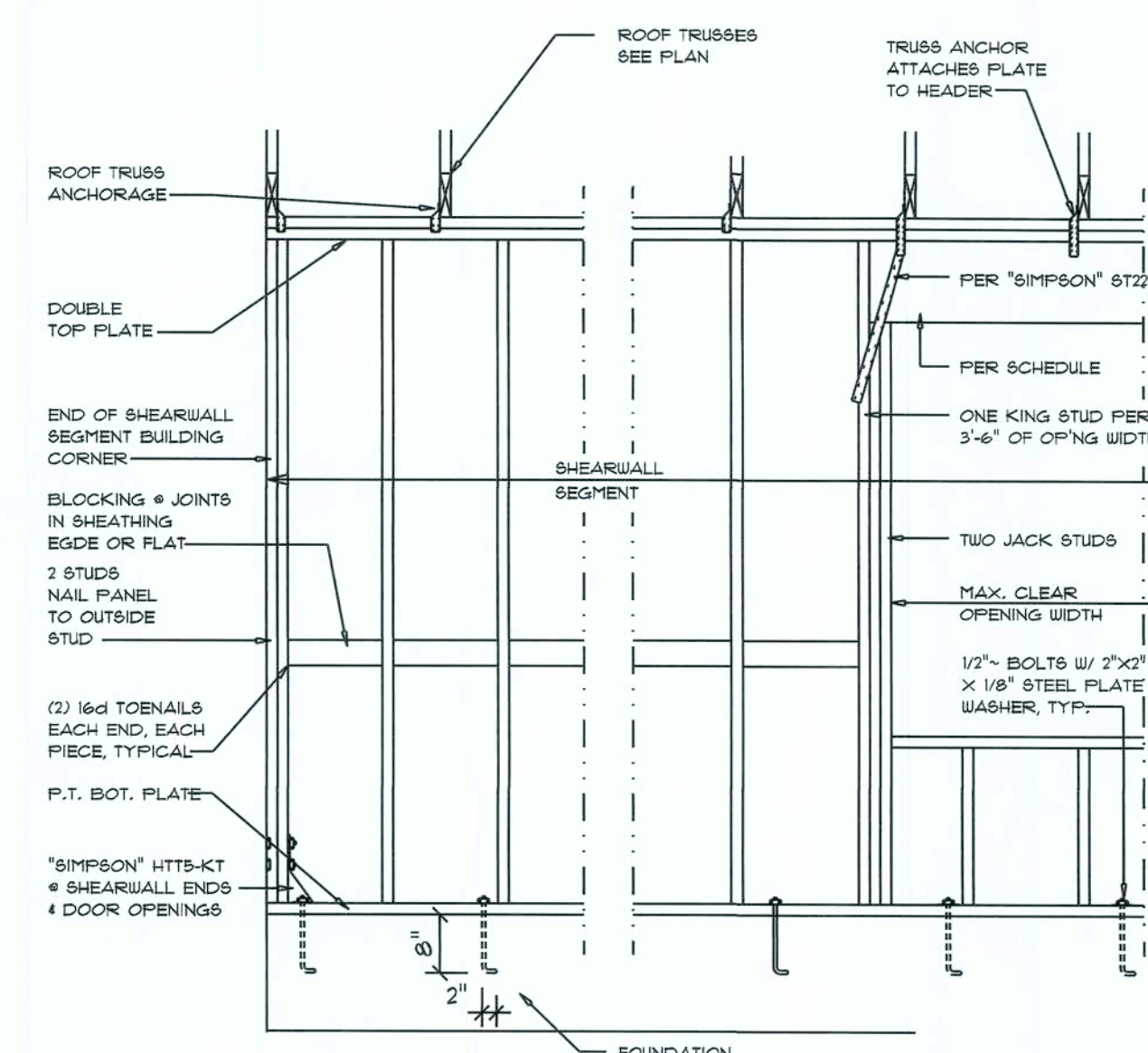
G



Wall Framing/Header DETAILS

SCALE: NONE

F



Shear Wall DETAILS

SCALE: NONE

E

SHEARWALL NOTES:

- ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS
- THE WALL SHALL BE ENTIRELY SHEATHED WITH 1/16" 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"	(3) 2x4 OR (2) 2x6	3

REVISIONS
JUNE 24th, 2019

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IC CONSTRUCTION
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NICHOLAS PAUL GEISLER ARCHITECT
1786 NW Brown Rd.
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SHEET NUMBER
S.4
OF 4 SHEETS

AR0007005