



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



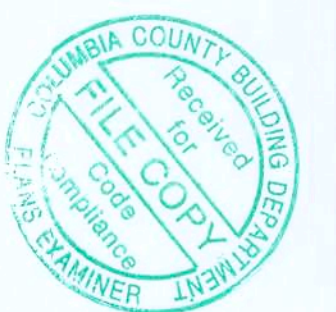
REAR ELEVATION  
SCALE: 1/4" = 1'-0"



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



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



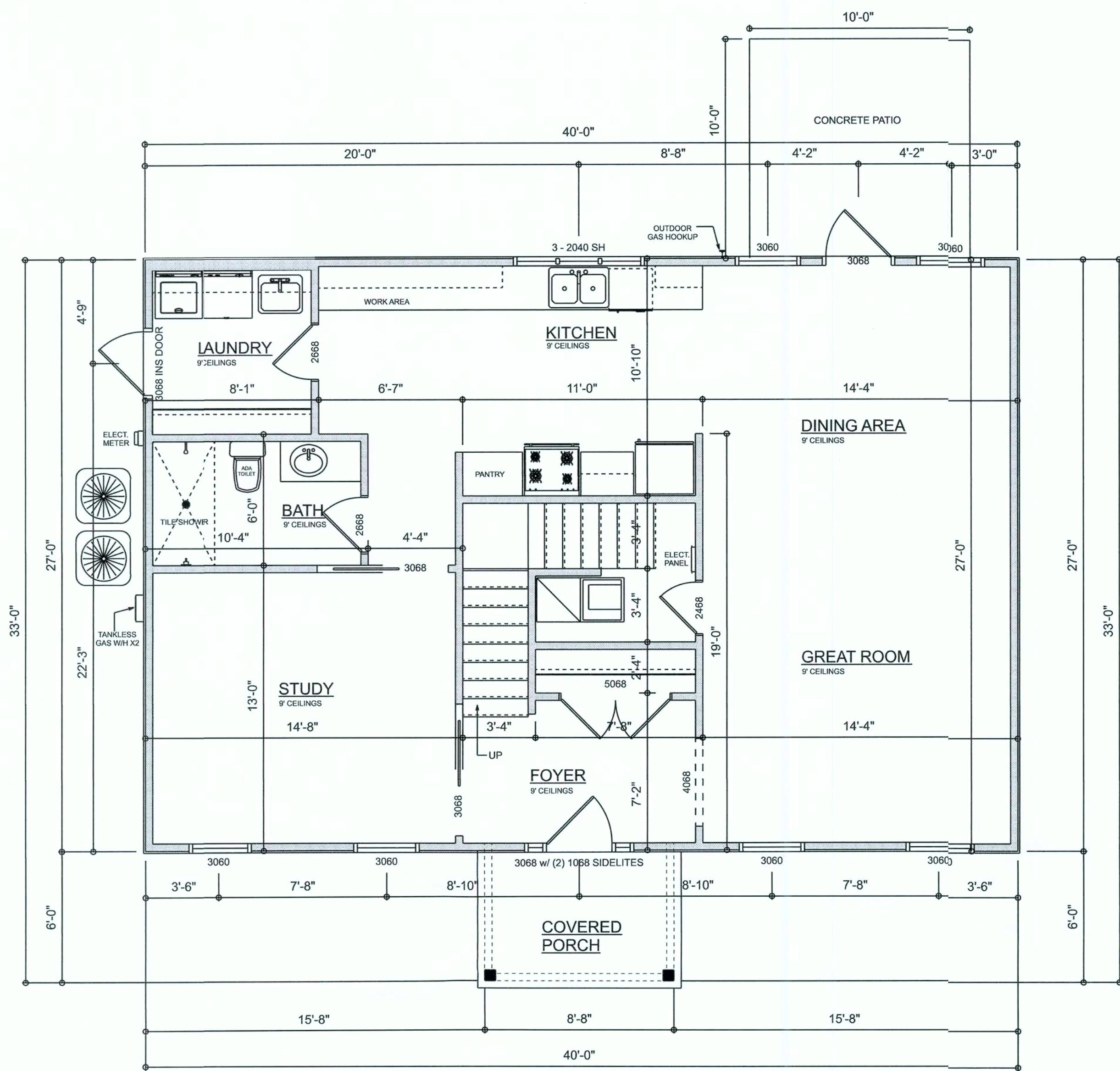
REVISIONS SCHEDULE	
June 5th, 2019	Permit Set

TODD RESIDENCE  
STANLEY CRAWFORD CONSTRUCTION  
LAKE CITY, FLORIDA 32055

**RIDGEPOINT**  
**DESIGN**  
818 WEST DUVAL STREET, LAKE CITY, FLORIDA 32055  
P: 386-288-1188  
E: RIDGEPOINTDESIGN@GMAIL.COM

SHEET NUMBER  
**A.1**  
OF 3 SHEETS

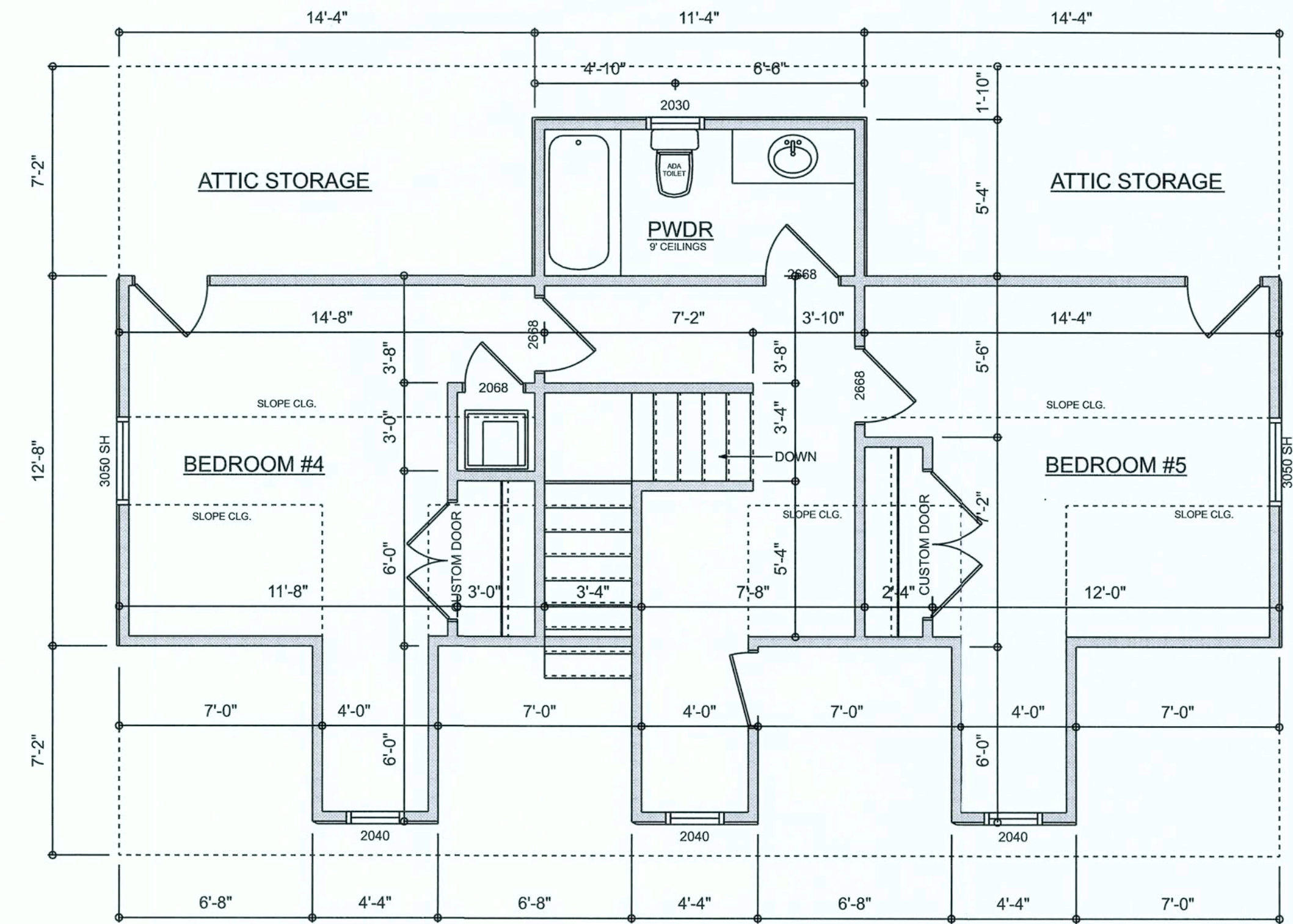
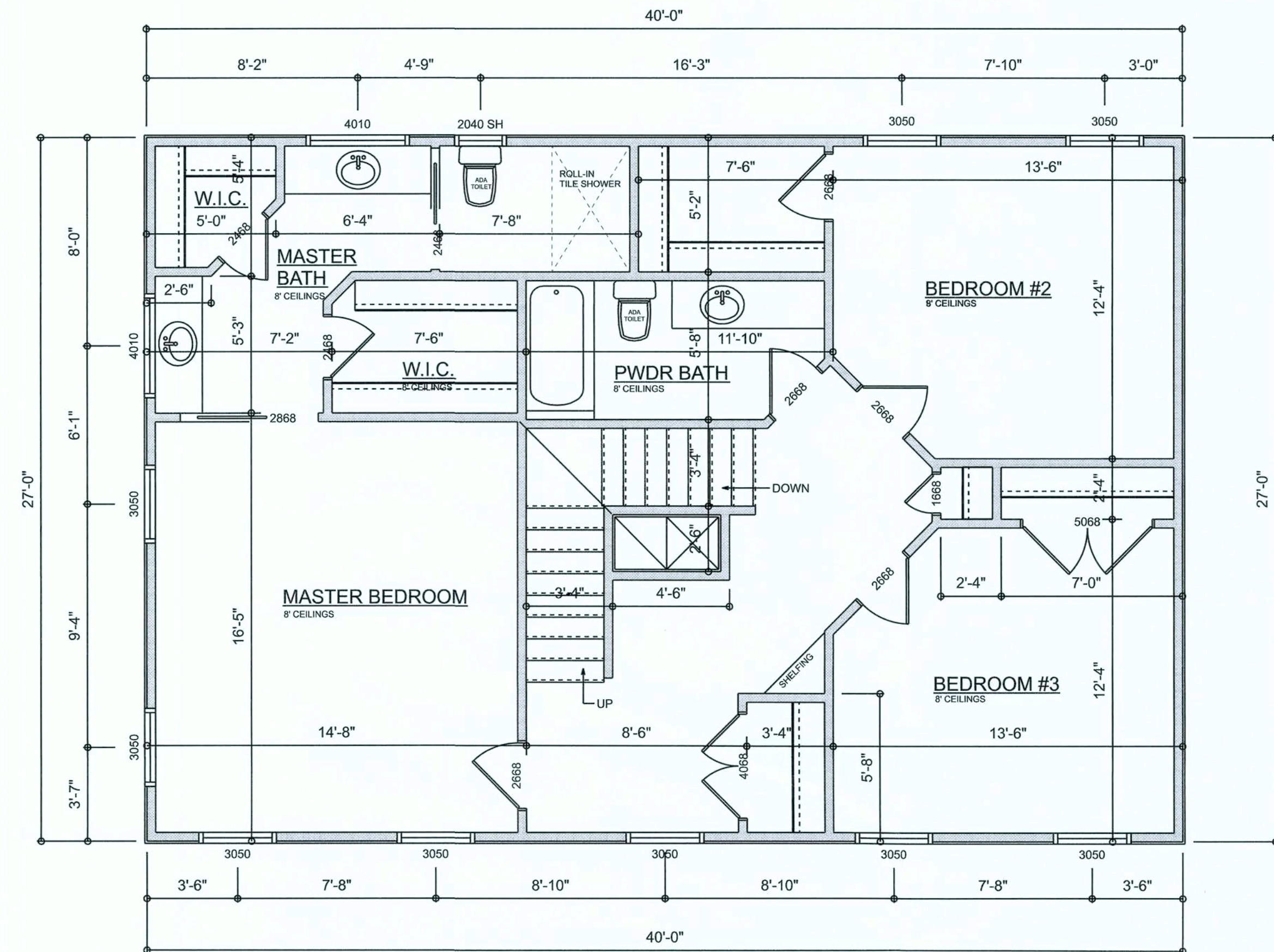




### AREA SUMMARY

1st FLOOR AREA	1,080	S.F.
2nd FLOOR AREA	1,033	S.F.
3rd FLOOR AREA	605	S.F.
TOTAL LIVING	2,718	S.F.
ENTRY PORCH	52	S.F.
TOTAL UNDER ROOF	2,770	S.F.

TOTAL CUBIC FOOTAGE OF CONDITIONED SPACE IS: 22,824



REVISIONS SCHEDULE	Permit Set
June 5th, 2019	

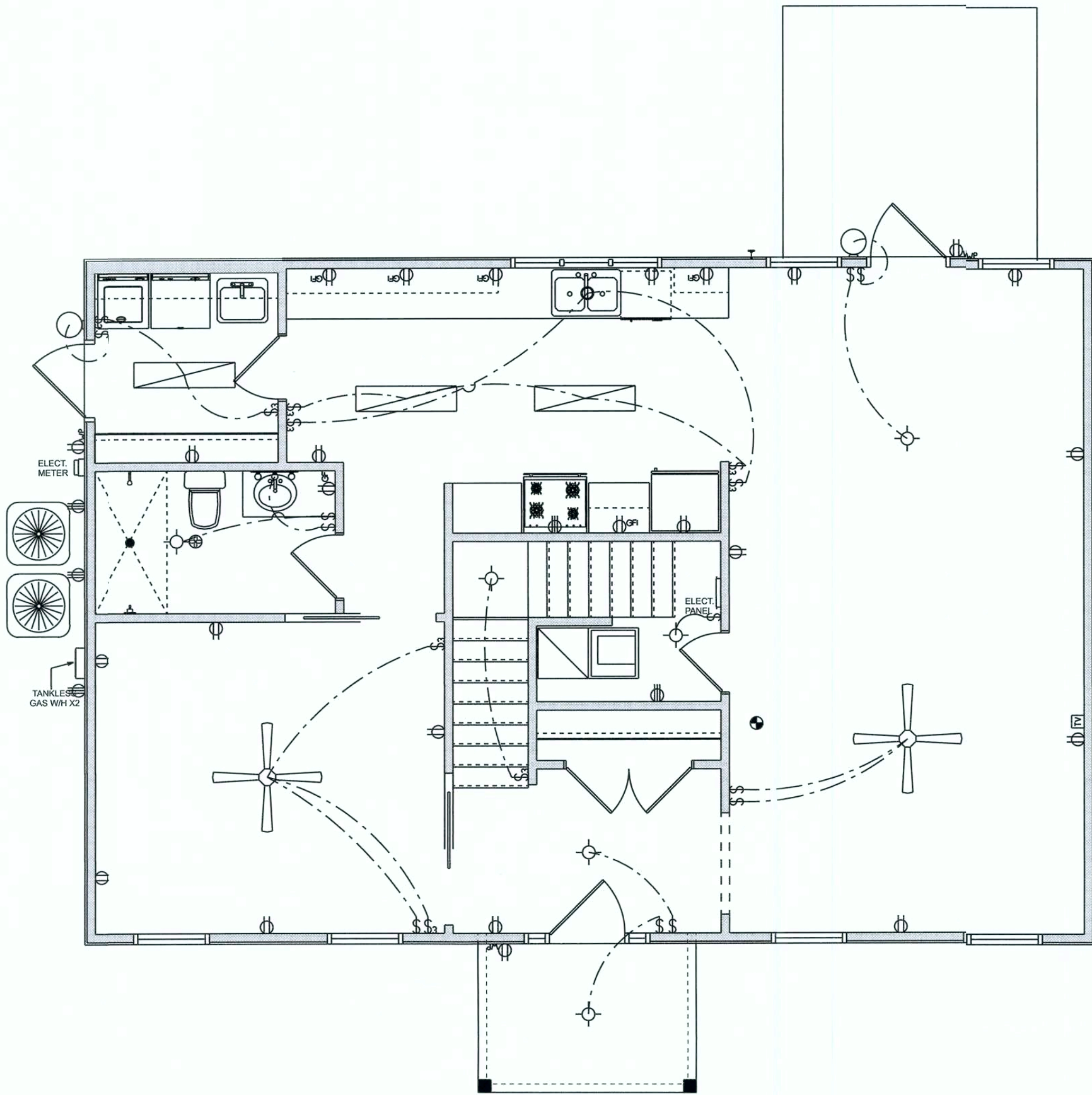
TODD RESIDENCE

STANLEY CRAWFORD CONSTRUCTION  
 LAKE CITY, FLORIDA 32055

RIDGEPOINT  
 DESIGN

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1ST FLOOR ELECTRICAL  
SCALE: 1/4" = 1'-0"

ELECTRICAL PLAN NOTES:

INSTALLATION SHALL BE PER 2017 NAT'L ELECTRIC CODE.

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

CONSULT WITH THE OWNER FOR THE NUMBER OF 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 AND NEAR ALL BEDROOMS

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

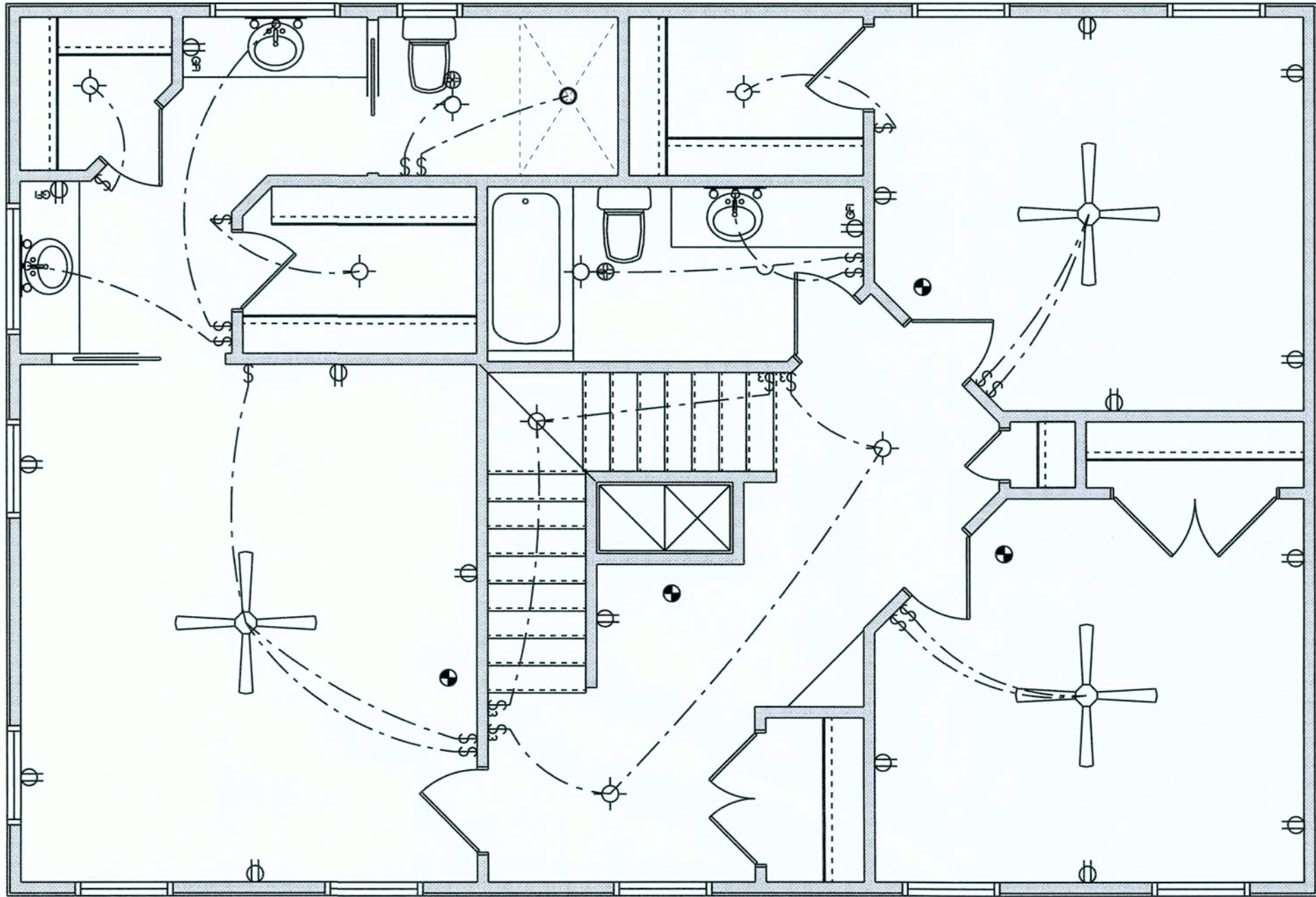
ALL RECEPTALS, NOT OTHERWISE NOTED, SHALL BE ARC FAULT INTERRUPTER TYPE, EXCEPT DEDICATED OUTLETS

ALL RECEPTALS IN WET AREAS SHALL BE GROUND FAULT INTERRUPTER TYPE (GFI)

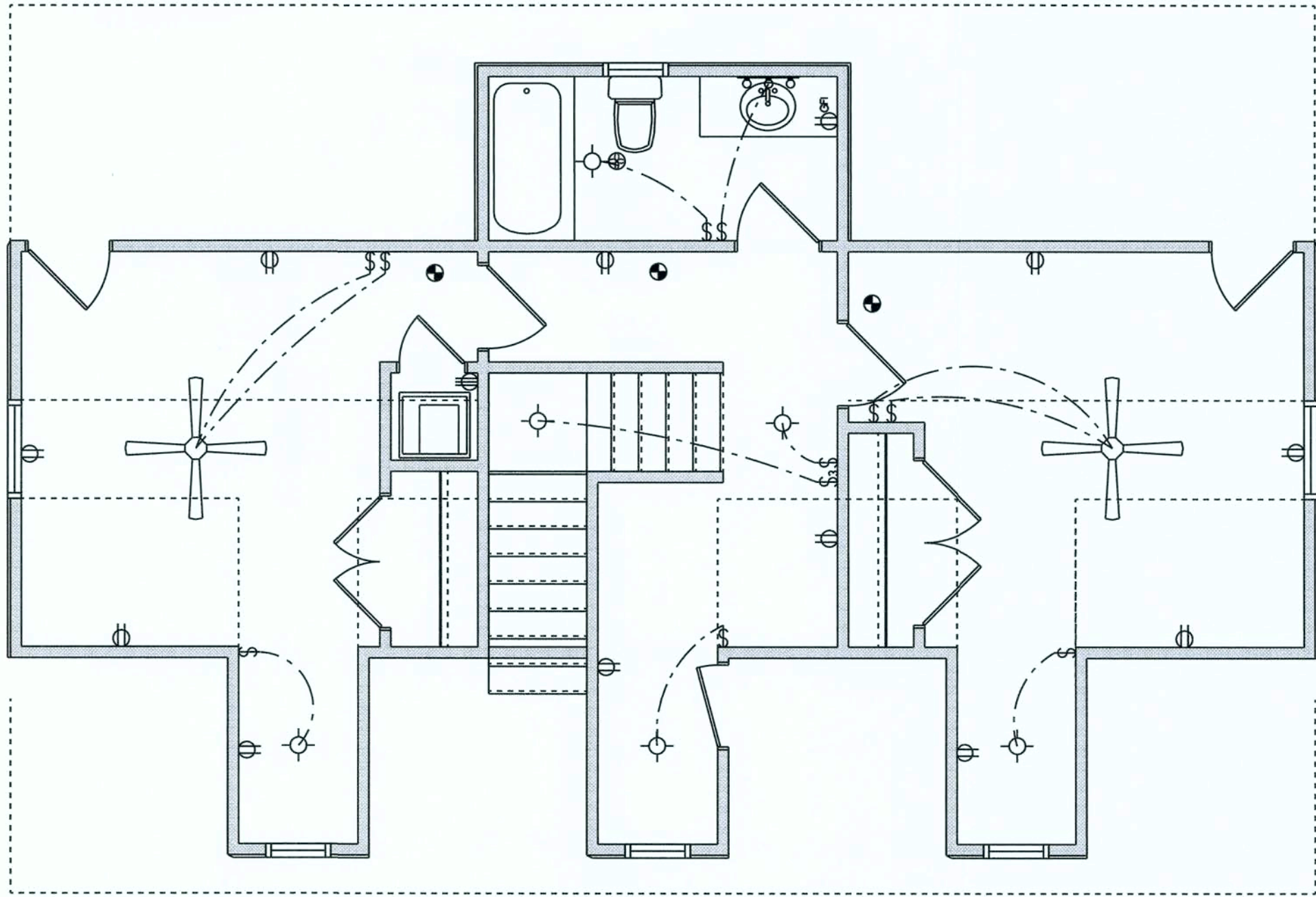
ALL EXTERIOR RECEPTALS SHALL BE WEATHERPROOF GROUND FAULT INTERRUPTER TYPE (WPGFI)

NTE:  
ELECTRICAL CONTR. SHALL PREPARE "AS-BUILT" SHOP DVGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT NO. DESCRIPTION & BRKR. SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING / 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 AUTHORITY

ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
CEILING FAN	7	
CAN LIGHT 6inch	2	
FLUORESCENT LIGHT 1x4	3	
EXTERIOR SCONCE	2	
ELECTRIC METER	1	
ELECTRIC PANEL	1	
CABLE TV OUTLET	1	
EXHAUST FAN & LIGHT COMBO	4	
OUTLET	42	
OUTLET 220v	6	
OUTLET GFI	10	
OUTLET WP	3	
SMOKE DETECTOR	8	
STANDARD LIGHT	16	
SWITCH	37	
SWITCH 3 WAY	14	
VANITY BAR LIGHT - SMALL	5	



2ND FLOOR ELECTRICAL  
SCALE: 1/4" = 1'-0"



3RD FLOOR ELECTRICAL  
SCALE: 1/4" = 1'-0"

REVISIONS SCHEDULE	
June 8th, 2019	Permit Set

TODD RESIDENCE  
STANLEY CRAWFORD CONSTRUCTION  
LAKE CITY, FLORIDA 32055

**RIDGEPOINT  
DESIGN**

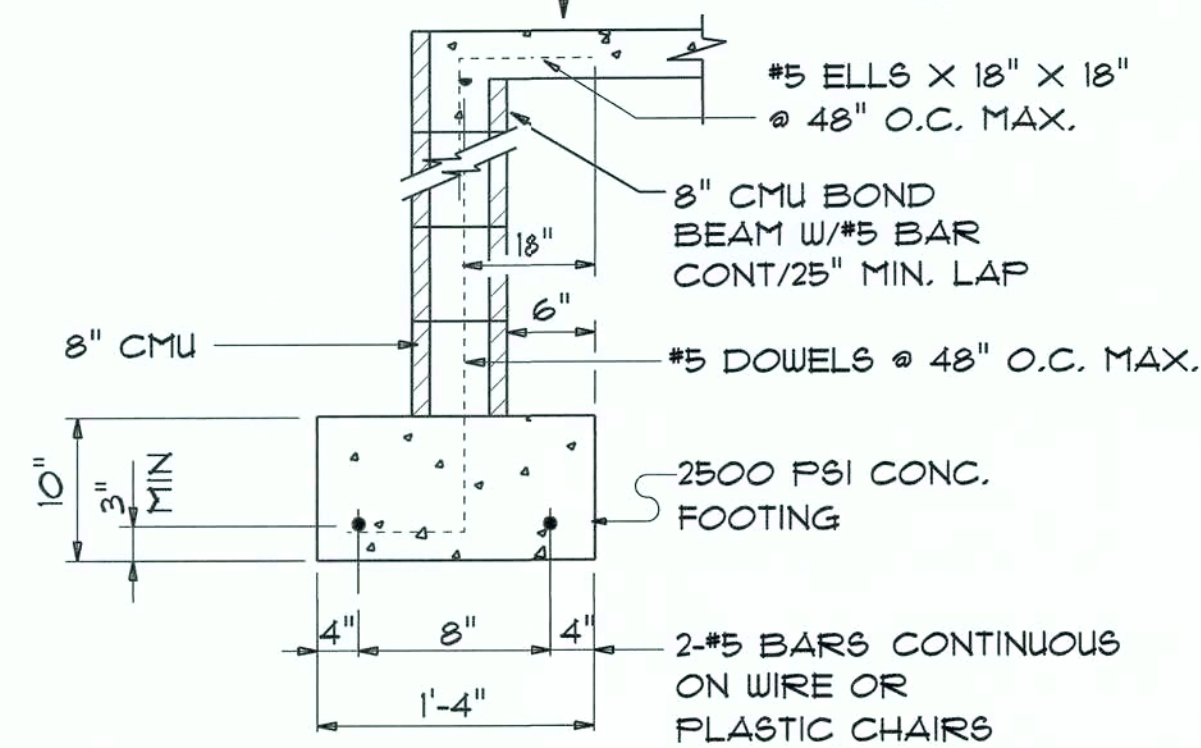
818 WEST DUVAL STREET, LAKE CITY, FLORIDA 32055  
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CONCRETE / MASONRY /  
METALS GENERAL NOTES:

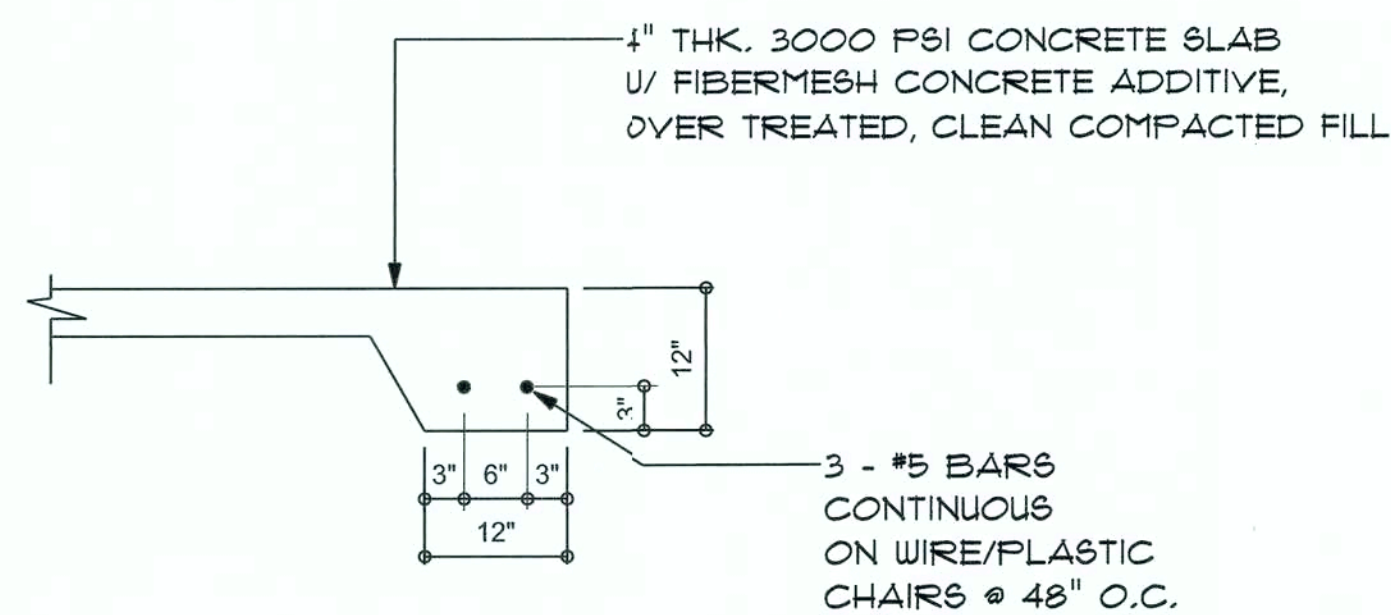
1. DESIGN SOIL BEARING PRESSURE: 1500 P.S.F.
2. EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS. TESTS AS SPECIFIED SHALL BE PERFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
3. 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, FOR EACH 12" LIFT.
4. REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
5. WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A195 - MIN. YIELD STRESS = 85 KSI.
6. CONCRETE SHALL BE STANDARD MIX F'c = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS & 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.
7. CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - F'm = 1500 PSI.
8. MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
9. STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS.
10. WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.
11. 2x6 P/T WOOD SILL, CONT., ALL AROUND, W/ 5/8" A.B. W/ 3" SQ. x 1/4" PLATE WASHERS WITHIN 12"6" FROM EACH CORNER, EA. WAY, 4 WITHIN 8"7" FROM ALL WALL CORNERS / 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.

4" THK. 3000 PSI CONCRETE SLAB  
W/ FIBERMESH CONCRETE ADDITIVE,  
OVER TREATED, CLEAN COMPACTED FILL



SECTION

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



SECTION

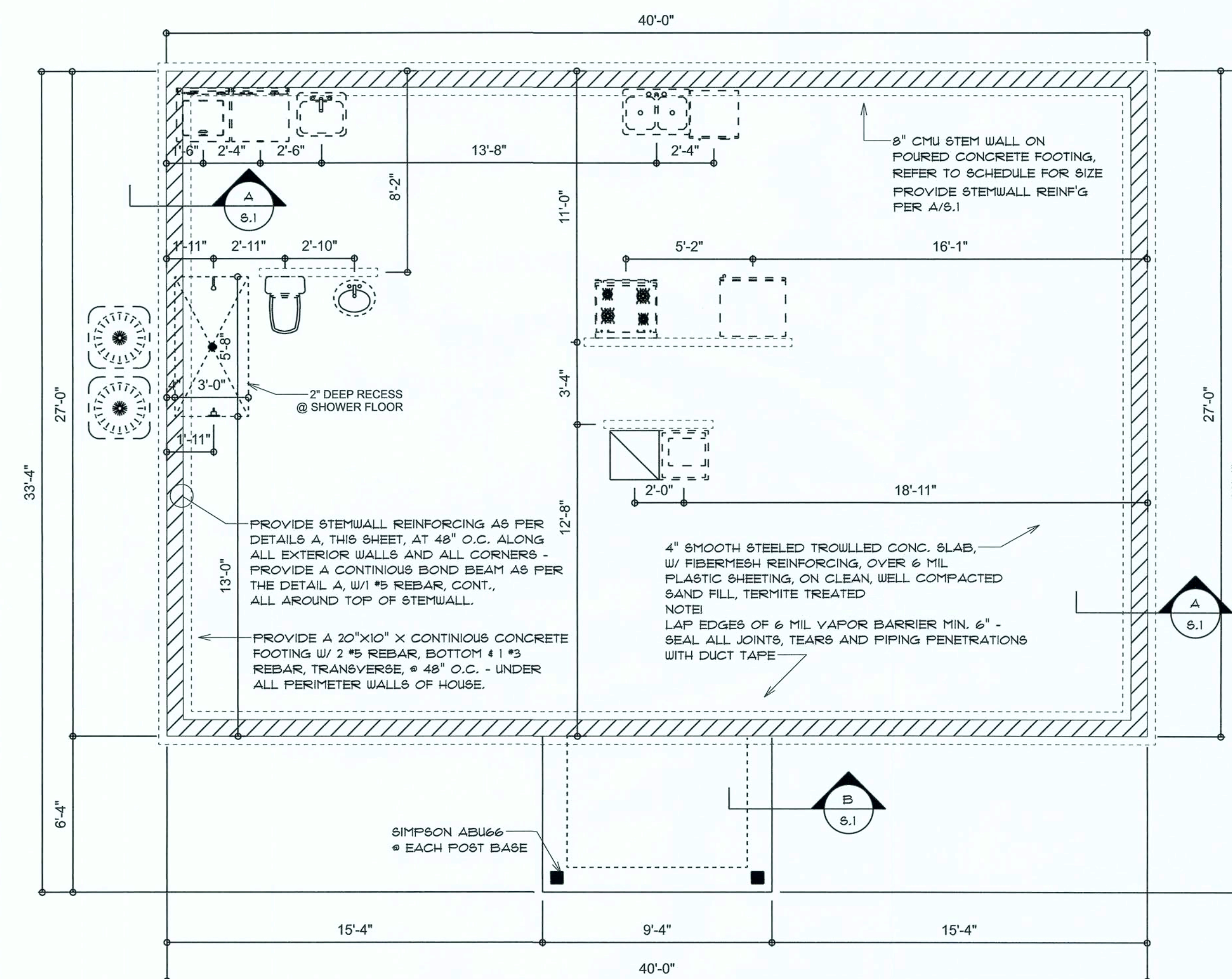
SCALE: not to scale

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 98% 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.

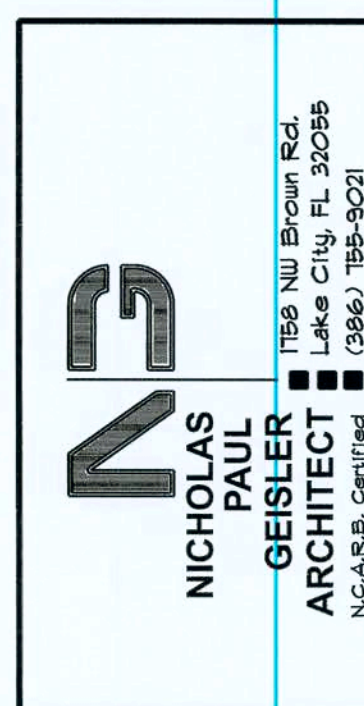


### DIMENSIONED FOUNDATION PLAN

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

REVISIONS
June 5th, 2019

TODD RESIDENCE  
STANLEY CRAWFORD CONSTRUCTION  
LAKE CITY, FLORIDA 32055



SHEET NUMBER

S.1  
OF 4 SHEETS

AR0007005







FLORIDA BUILDING CODE	
Compliance Summary	
TYPE OF CONSTRUCTION	
Roof: Gable Construction, Wood Trusses @ 24" O	
Wall: 2x4 Wood Studs @ 16" O.C.	
Floor: 4" Thk. Concrete Slab W/ Fiberglass 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 Perpendicular to Roof Framing	
Fasteners: 8d Common Nails per schedule on sheet A.1	
SHEAR WALLS	
Material: 1/2" CD Plywood or 7/16" O.S.B.	
Sheet Size: 48"x96" Sheets Placed Vertical	
Fasteners: 8d Common Nails @ 4" O.C. Edges & 8" O.C. Interior	
Dragstrut: Double Top Flats (S.Y.P.) 1/16d Nails @ 12" O.C.	
Wall Studs: 2x4 Studs @ 16" O.C.	
HURRICANE UPLIFT CONNECTORS	
Truss Anchors: SIMPSON H2.5a or SDWC3600 @ Ea. Truss End (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. - 1st Bolt 12"-16" from corner	
Corner Hold-down Device: (1) HD5a @ each corner	
Forch Column Base Connector: Simpson ABU66 @ each column	
Forch Column to Beam Connector: Simpson EPC66/FC66 @ 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<sub>ULT</sub> = 130 MPH  
V<sub>ASD</sub> = 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 PLANS

TERMITE PROTECTION NOTES:

SOIL CHEMICAL BARRIER METHOD:

1. 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 1403.2.6

2. CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 1503.4.4

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 CEMENTIOUS 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 PER-CONSTRUCTION TREATMENT. FBC 1816.1.7

13. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY: \* 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	MANUF./MODEL	CAP.
TRUSS TO WALL:	SIMPSON H2.5a or SDWC15600 screws	600*
GIRDER TRUSS TO POST/HEADER:	SIMPSON LGT. W/ 2# - 116d NAILS	1785*
HEADER TO KING STUD(S):	SIMPSON ST22	1370*
PLATE TO STUD:	NO CONNECTION REQ. WHEN USING WINDSTORM BOARD	
STUD TO BILL:	NO CONNECTION REQ. WHEN USING WINDSTORM BOARD	
FORCH BEAM TO POST:	SIMPSON PC66/EPC66	1700*
FORCH 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.

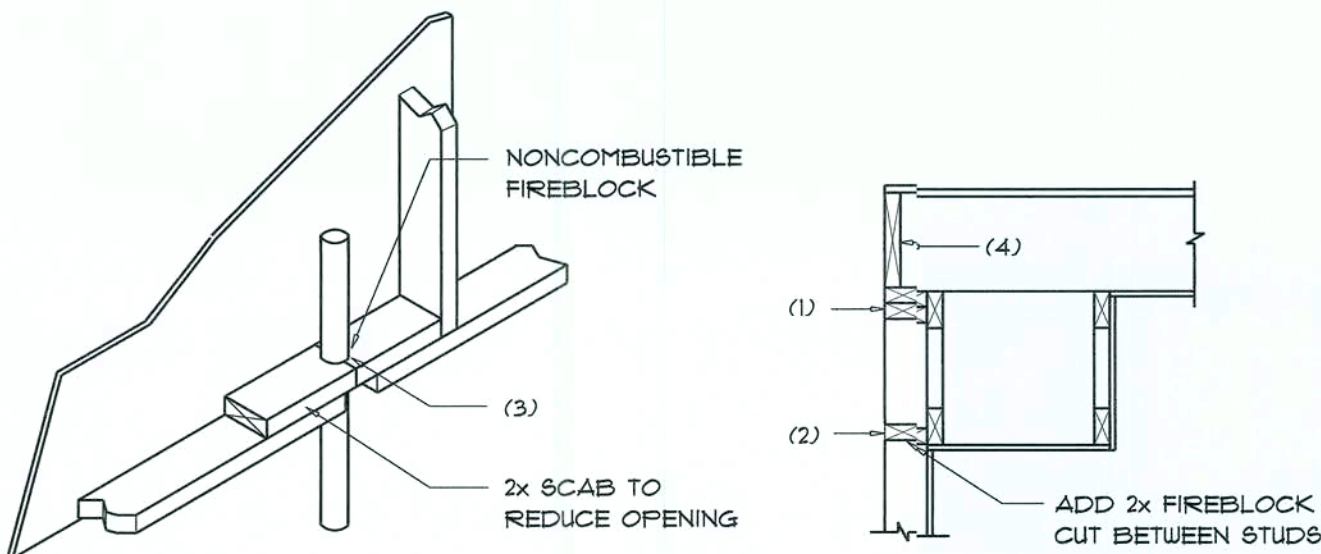
NOTE:  
ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL T.O.

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

NOTE:  
"SIMPSON" PRODUCT APPROVALS:  
MIAMI/DADE COUNTY REPORT #ST-0107.05, #36-1126.11, #93-0623.04  
9BCCI NER-443, NER-393

BUILDING COMPONENTS & CLADDING LOADS MEAN BUILDING HEIGHT = 30.0', EXPOSURE "B" ROOF ANGLE T° TO 21°		WIND SPEED 10 MPH		WIND SPEED 120 MPH		WIND SPEED 130 MPH		WIND SPEED 140 MPH	
WIND ZONE	AREA	WIND SPEED 10 MPH	WIND SPEED 120 MPH	WIND SPEED 130 MPH	WIND SPEED 140 MPH	WIND SPEED 10 MPH	WIND SPEED 120 MPH	WIND SPEED 130 MPH	WIND SPEED 140 MPH
ROOF T° TO 21°	1	10	12.0 / -19.9	14.9 / -23.7	17.9 / -27.8	20.3 / -32.3	20.3 / -32.3	20.3 / -32.3	20.3 / -32.3
	2	20	11.4 / -19.4	13.6 / -23.0	16.0 / -27.0	18.5 / -31.4	18.5 / -31.4	18.5 / -31.4	18.5 / -31.4
	3	30	10.0 / -18.6	11.9 / -22.2	13.9 / -26.0	16.1 / -30.2	16.1 / -30.2	16.1 / -30.2	16.1 / -30.2
WALL	4	10	12.9 / -34.7	14.9 / -41.3	17.9 / -48.4	20.3 / -56.2	20.3 / -56.2	20.3 / -56.2	20.3 / -56.2
	2	20	11.4 / -31.9	13.6 / -38.0	16.0 / -44.6	18.5 / -51.7	18.5 / -51.7	18.5 / -51.7	18.5 / -51.7
	3	30	10.0 / -29.2	11.9 / -33.6	13.9 / -39.4	16.1 / -46.7	16.1 / -46.7	16.1 / -46.7	16.1 / -46.7
WIND ZONE	1	10	12.9 / -51.3	14.9 / -61.0	17.9 / -71.6	20.3 / -83.1	20.3 / -83.1	20.3 / -83.1	20.3 / -83.1
	2	20	11.4 / -47.9	13.6 / -57.1	16.0 / -67.0	18.5 / -77.7	18.5 / -77.7	18.5 / -77.7	18.5 / -77.7
	3	30	10.0 / -43.9	11.9 / -51.8	13.9 / -60.8	16.1 / -70.5	16.1 / -70.5	16.1 / -70.5	16.1 / -70.5
WIND ZONE	4	10	21.8 / -23.6	25.9 / -34.7	30.4 / -33.0	35.3 / -38.2	35.3 / -38.2	35.3 / -38.2	35.3 / -38.2
	2	20	20.8 / -22.6	24.7 / -36.9	29.0 / -31.6	33.7 / -36.7	33.7 / -36.7	33.7 / -36.7	33.7 / -36.7
	3	30	19.5 / -21.3	23.2 / -25.4	27.2 / -29.8	31.6 / -34.6	31.6 / -34.6	31.6 / -34.6	31.6 / -34.6
WIND ZONE	5	10	21.8 / -29.1	25.9 / -34.7	30.4 / -40.7	35.3 / -47.2	35.3 / -47.2	35.3 / -47.2	35.3 / -47.2
	2	20	20.8 / -27.2	24.7 / -32.4	29.0 / -38.0	33.7 / -44.0	33.7 / -44.0	33.7 / -44.0	33.7 / -44.0
	3	30	19.5 / -24.6	23.2 / -29.3	27.2 / -34.3	31.6 / -39.8	31.6 / -39.8	31.6 / -39.8	31.6 / -39.8

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
BUILDING HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
15	1.00	1.21	1.41
20	1.00	1.29	1.55
25	1.00	1.35	1.61
30	1.00	1.40	1.66



PENETRATIONS

SOFFIT/DROPPED CLG.

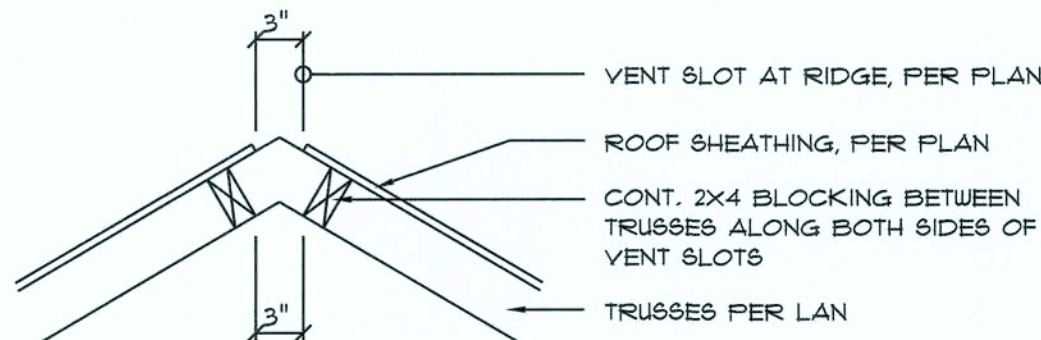
FIREBLOCKING NOTES:

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 VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYROPANEL 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

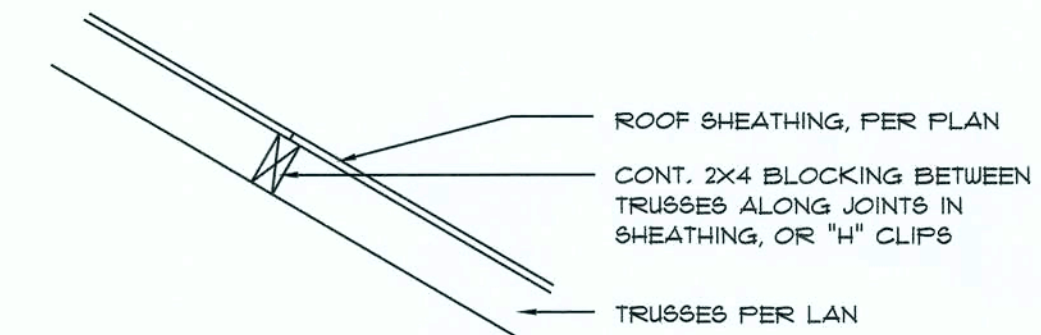
SCALE: NONE



Vent DETAIL

SCALE: 1" = 1'-0"

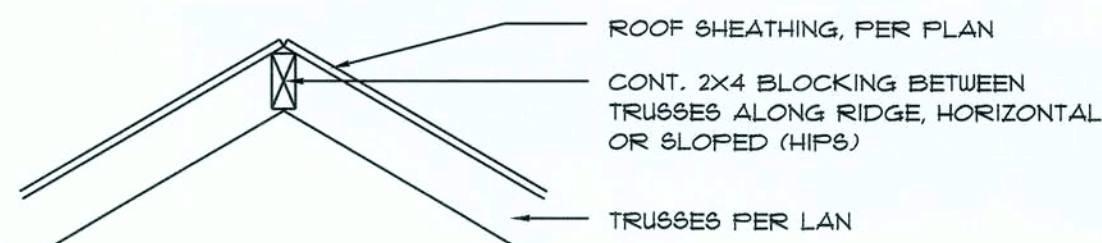
A1



Joint DETAIL

SCALE: 1" = 1'-0"

A2



Ridge DETAIL

SCALE: 1" = 1'-0"

A3

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:

- 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 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/ MFR'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 11 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 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:
  - 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 1 MODIFIED TO 130 MPH WINDS & FBC TAB 100, USING 4 NAILS/SHINGLE

REVISIONS	
June 5th, 2019	

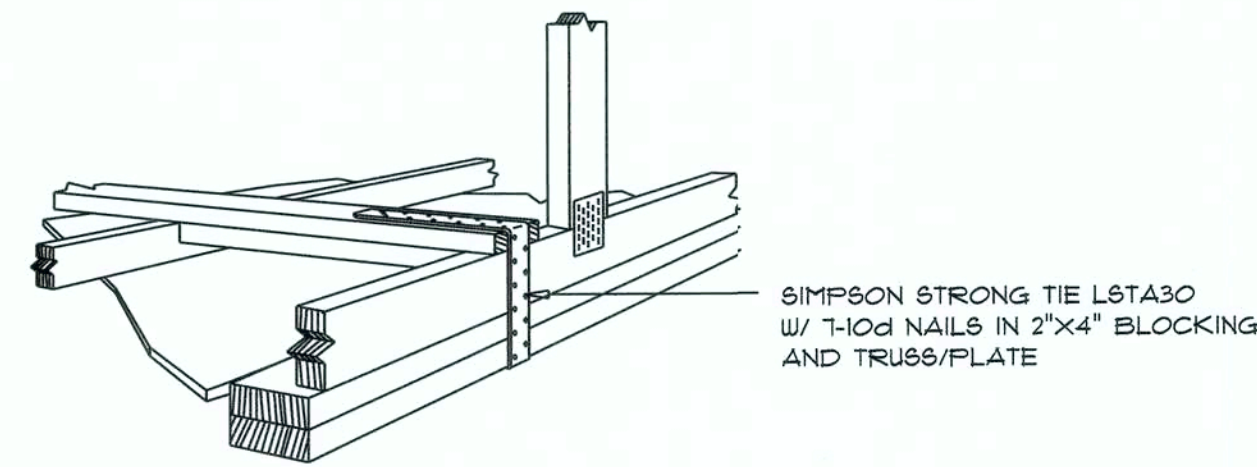
TODD RESIDENCE	STANLEY CRAWFORD CONSTRUCTION
	LAKE CITY, FLORIDA 32055

NICHOLAS PAUL GEISLER ARCHITECT	1755 NW Brown Rd. Lake City, FL 32055 (386) 759-9021
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SHEET NUMBER
5.3
OF 4 SHEETS

AR0007005
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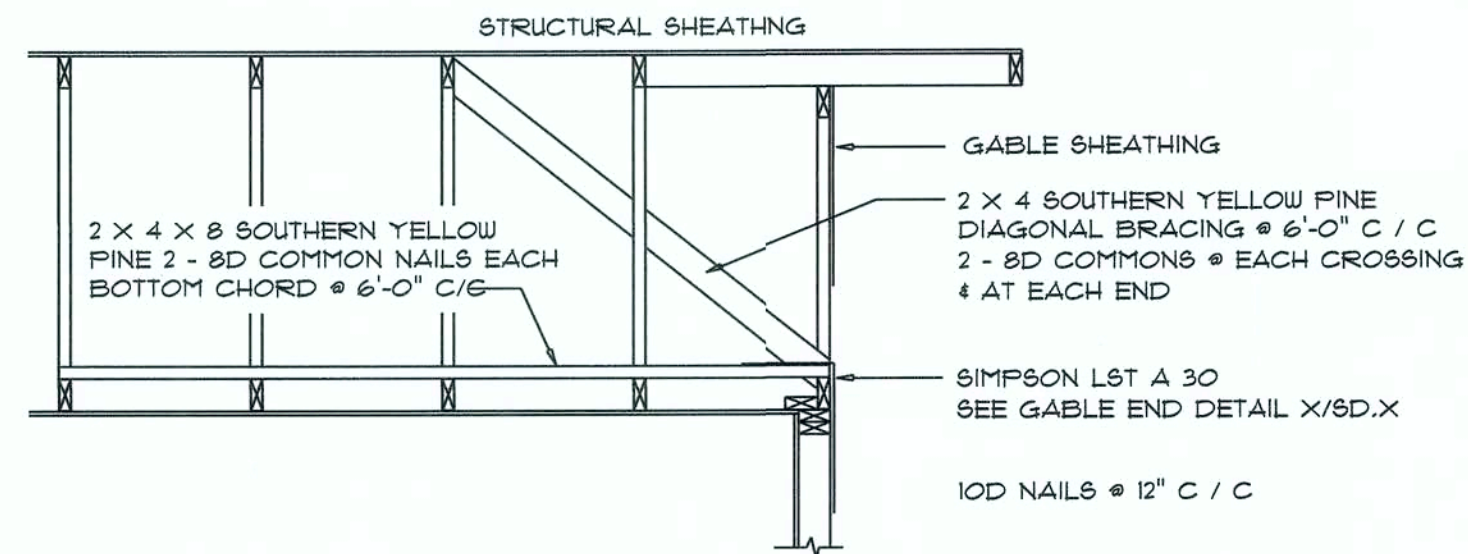




GABLE END GYPSUM DIAPHRAGM  
HOLDOWN CONNECTOR

SCALE: NONE

A.1



END WALL BRACING FOR  
CEILING DIAPHRAGM

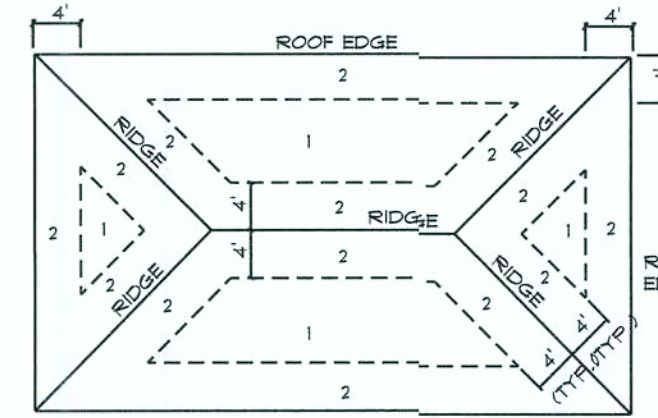
NTS

(ALTERNATIVE TO BALLOON FRAMING)

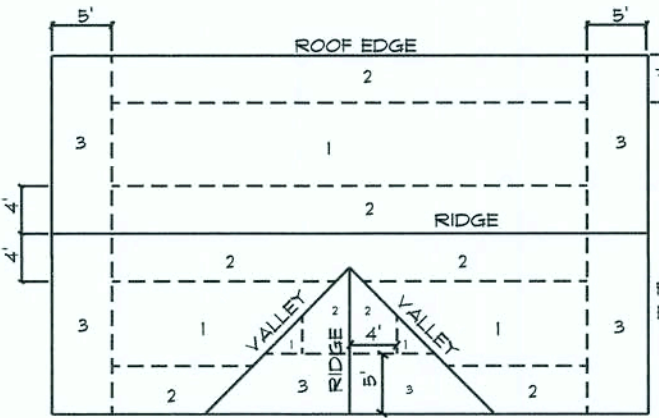
NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

A

ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	7/16" O.S.B. OR 15/32 CDX	11d 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)

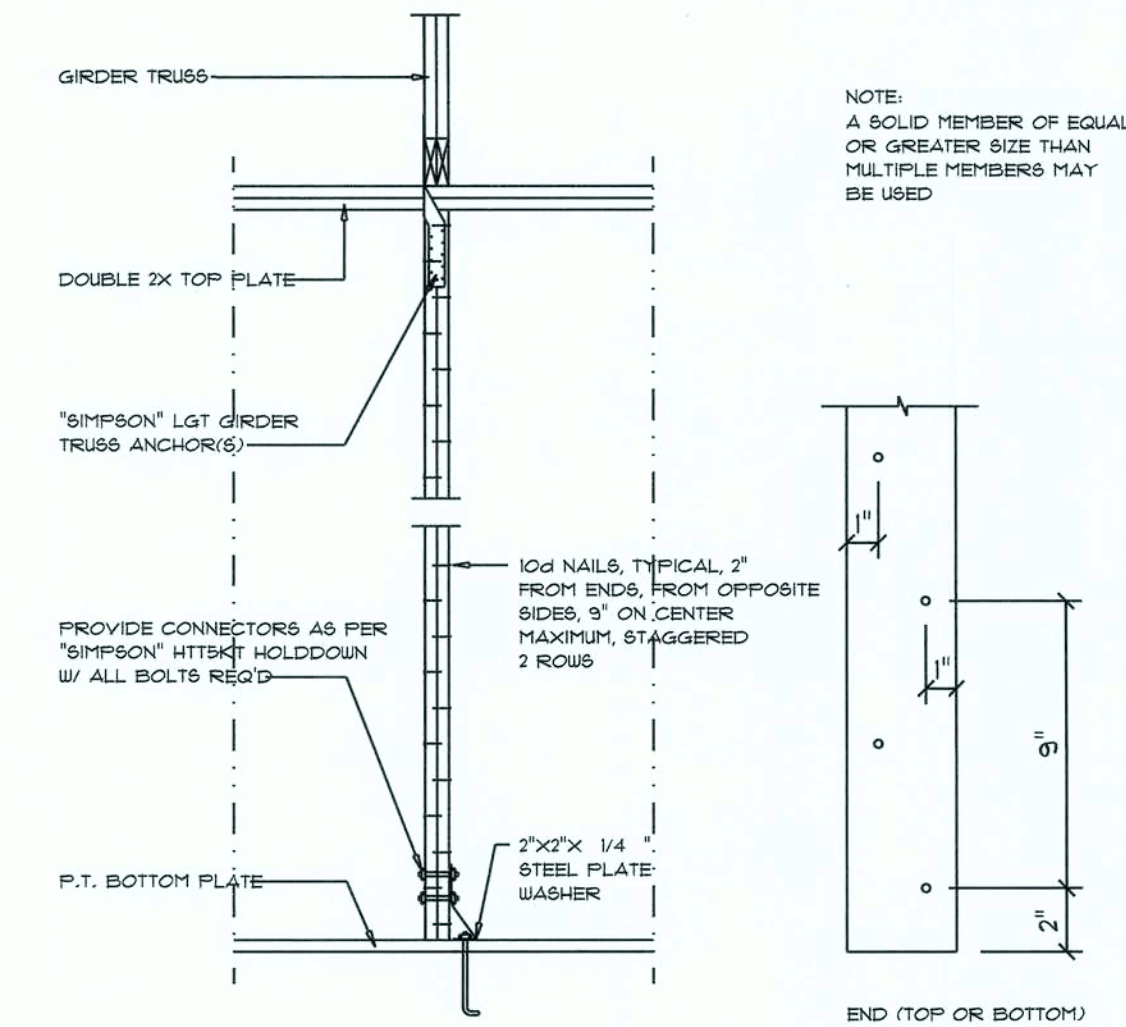


ROOF SHEATHING NAILING ZONES  
(GABLE ROOF)

Roof Nail Pattern DET.

SCALE: NONE

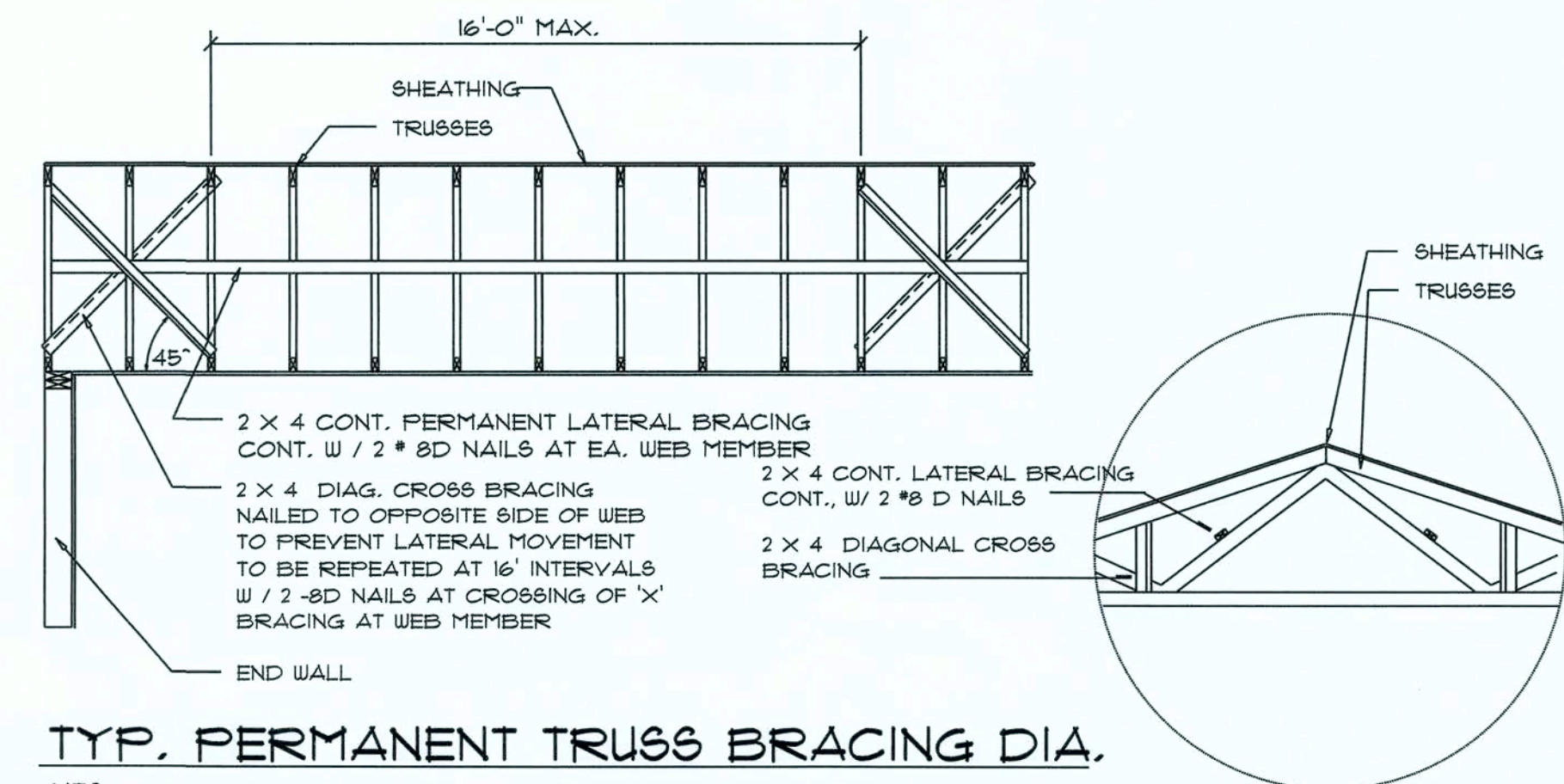
B



Girder Truss Column DET.

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

C



TYP. PERMANENT TRUSS BRACING DIA.

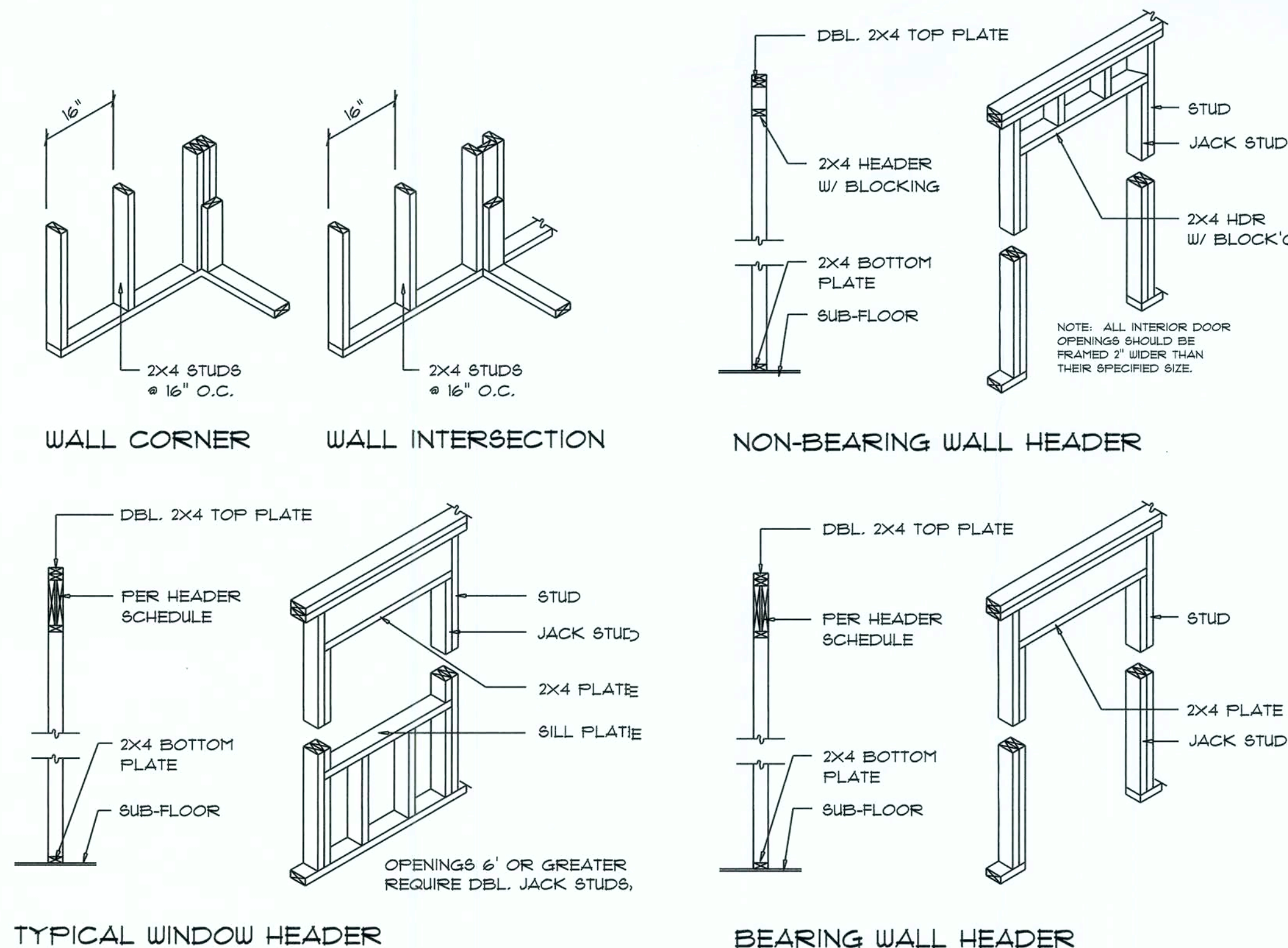
NTS

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

Truss Bracing DETAILS

SCALE: AS NOTED

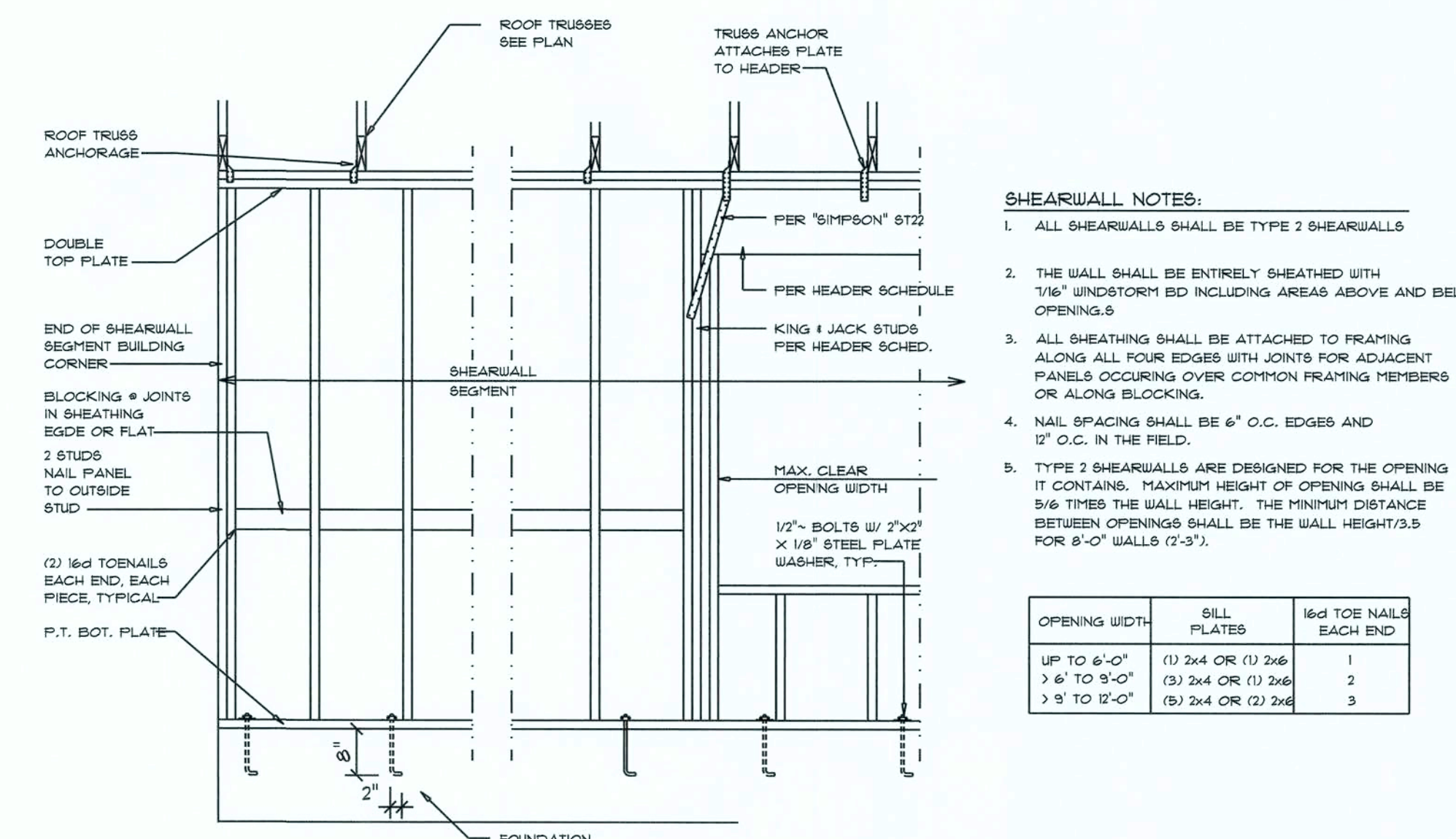
D



Wall Framing/Header DETAILS

SCALE: NONE

F



Shear Wall DETAILS

SCALE: NONE

E

REVISIONS	
June 5th, 2019	

TODD RESIDENCE  
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SHEET NUMBER  
S.4  
OF 4 SHEETS

AR0007005