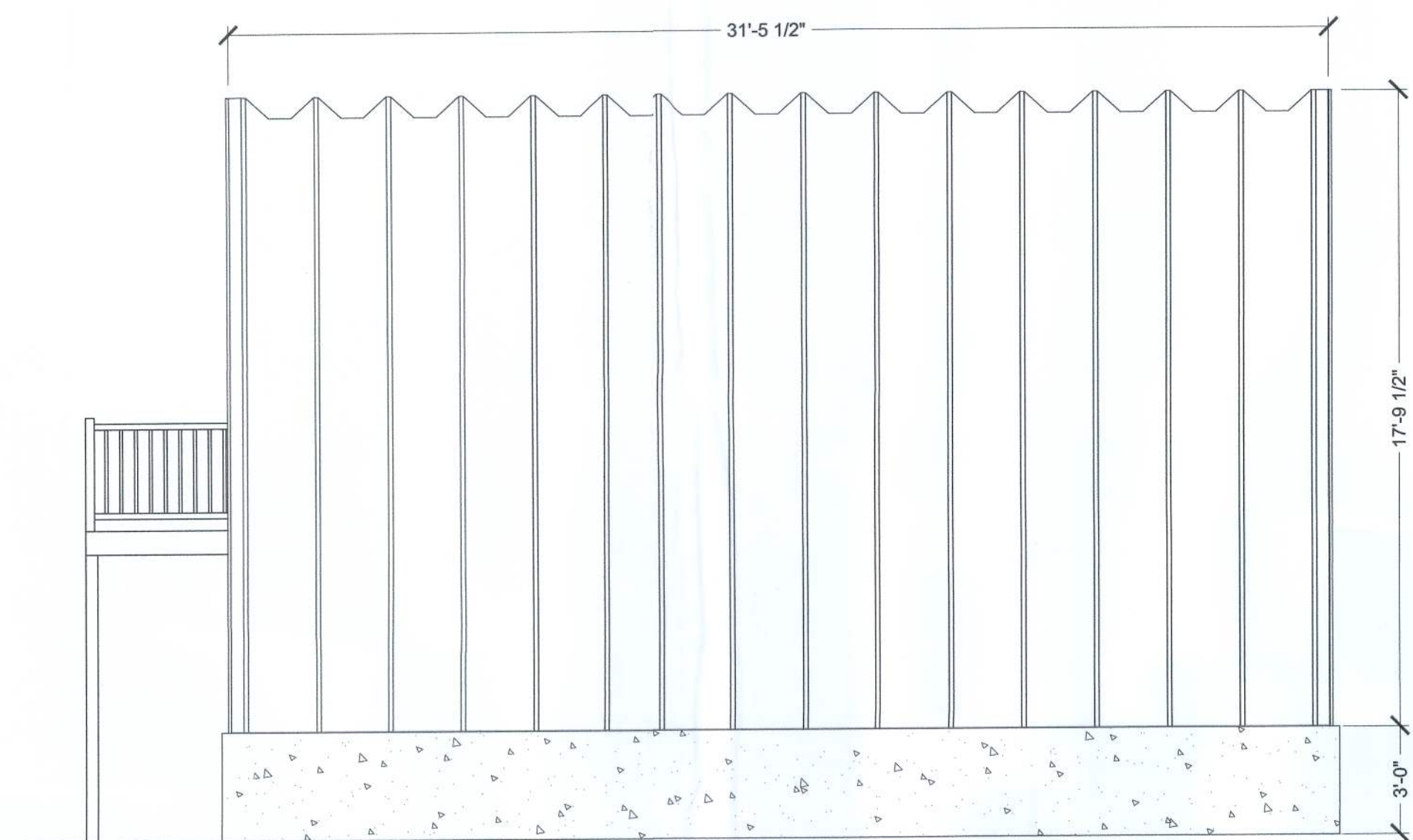
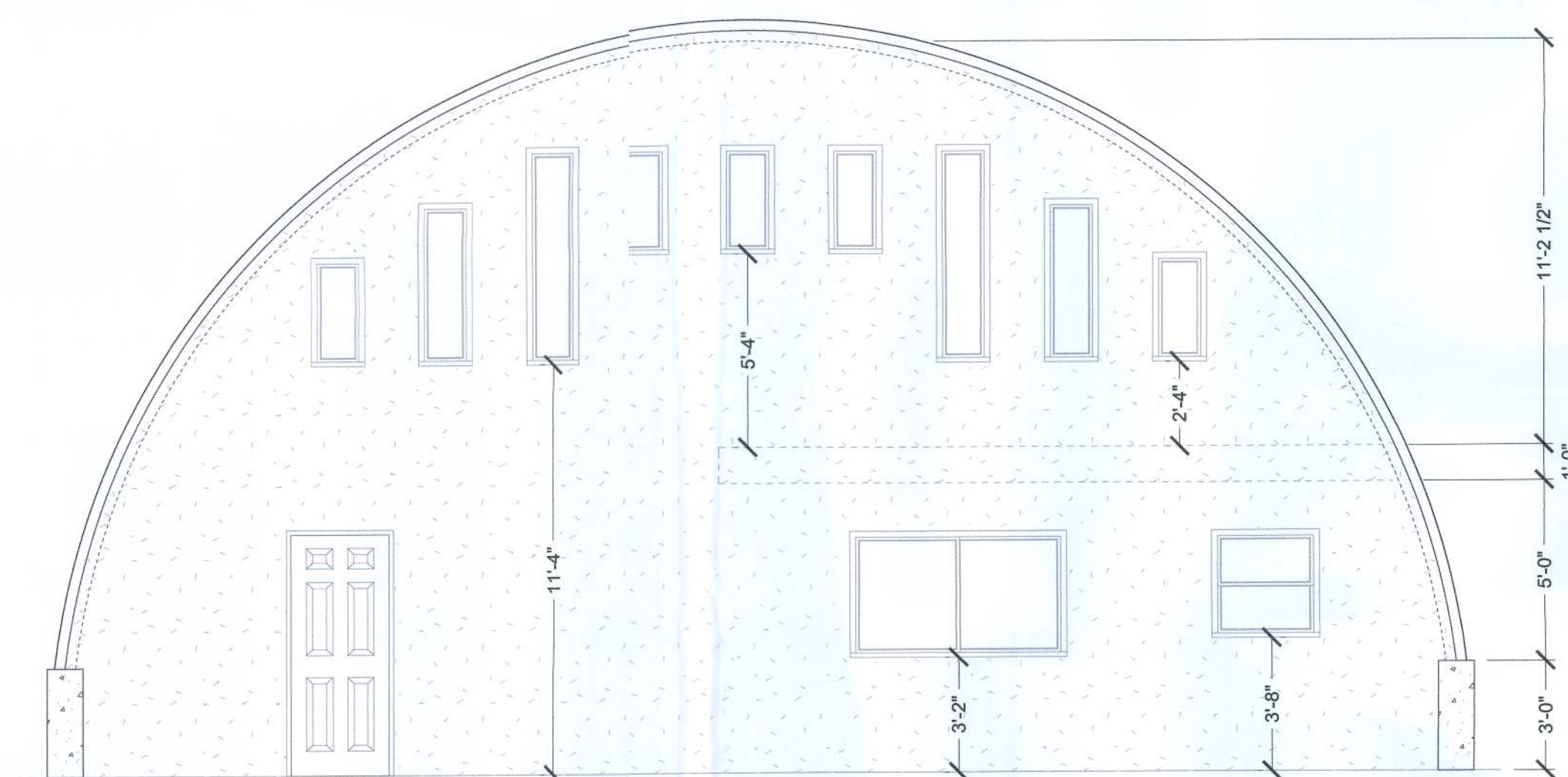




LEFT ELEVATION
SCALE: 1/4" = 1'-0"



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



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



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

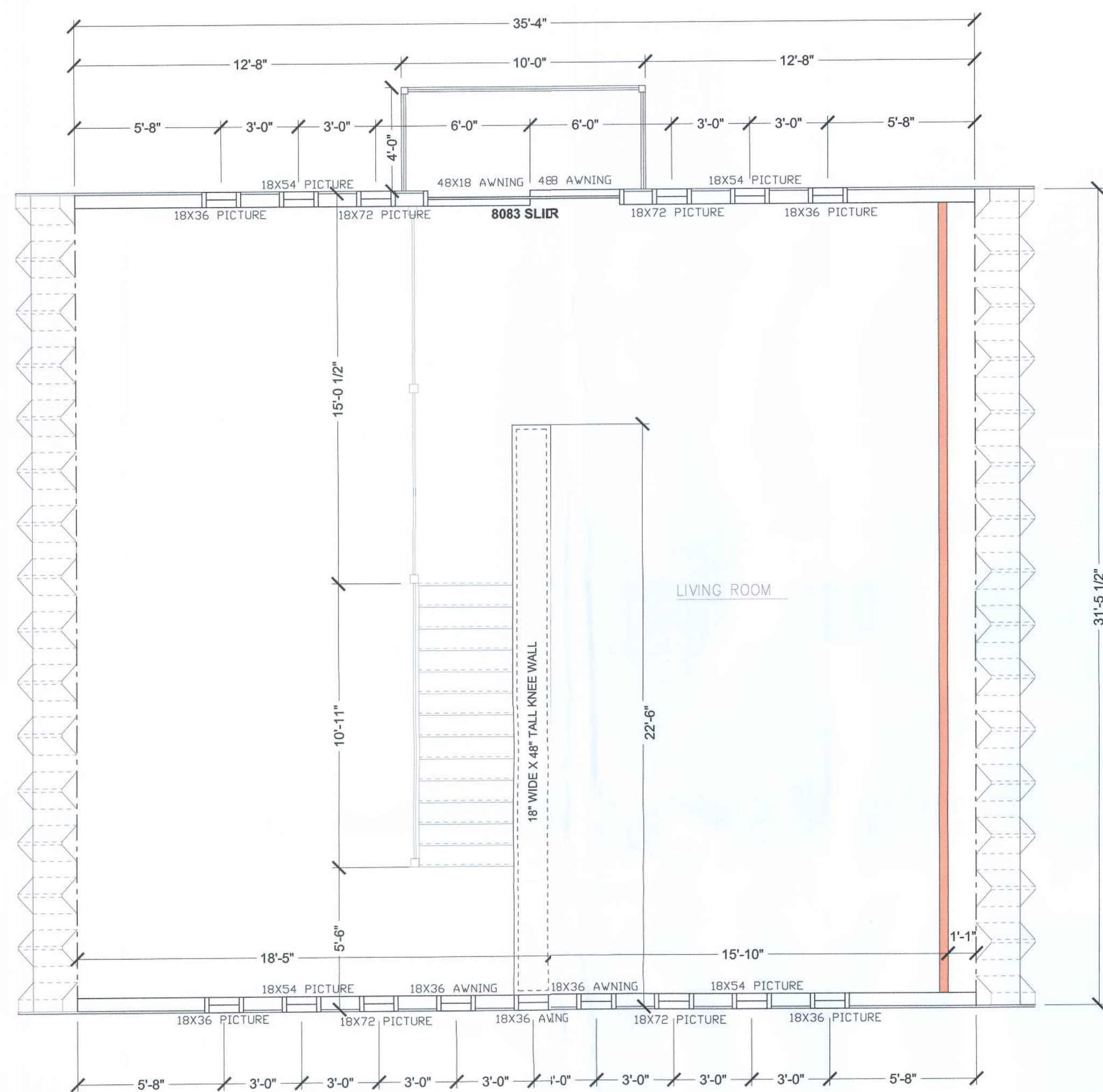


REVISIONS SCHEDULE	
Feb. 20th, 2017	REVISIONS
March 21st, 2017	REVISIONS
March 31st, 2017	REVISIONS
August 1st, 2017	REVISIONS
November 1st, 2017	REVISIONS

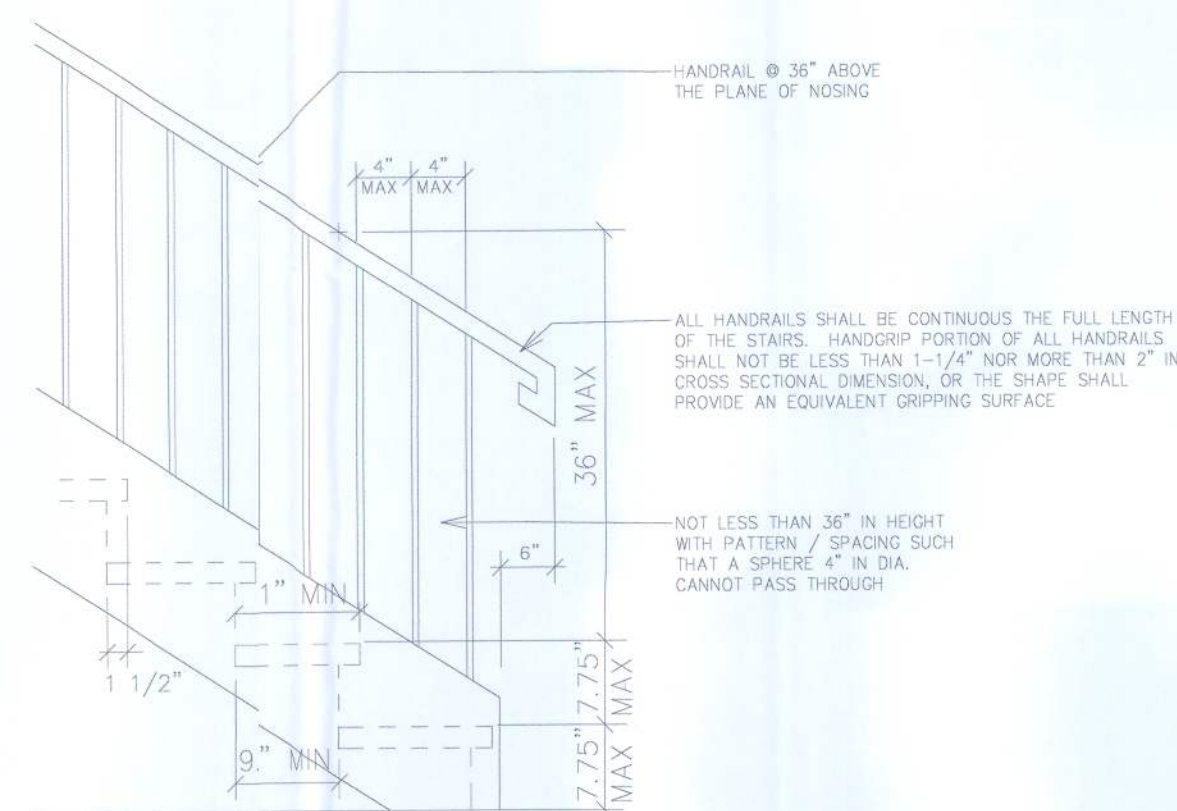
Shawn Rogers
COLUMBIA COUNTY, FLORIDA



SHEET NUMBER
A.1
OF 3 SHEETS

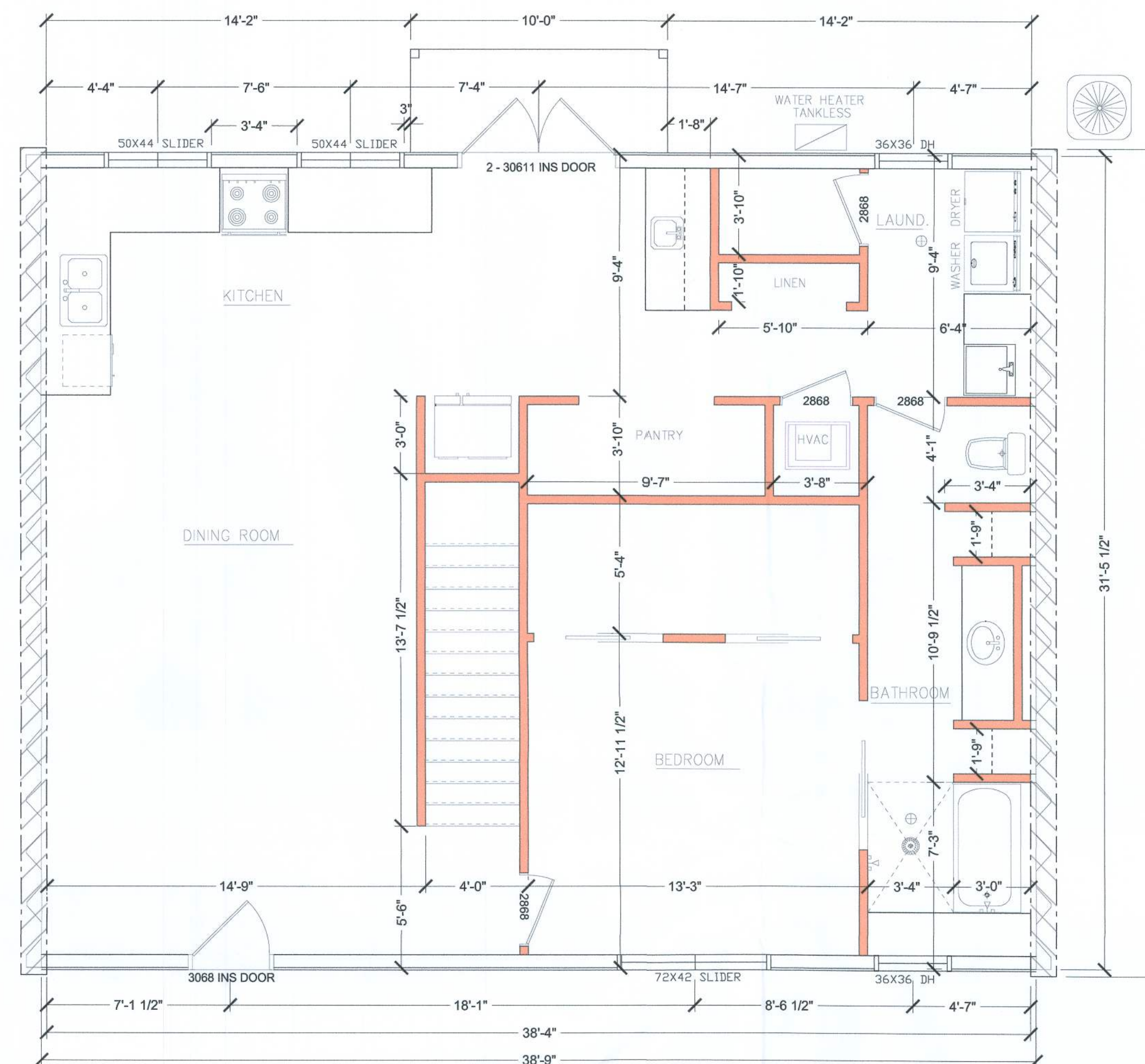


SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"



TYPICAL STAIR DETAIL
SCALE: 1/4" = 1'-0"

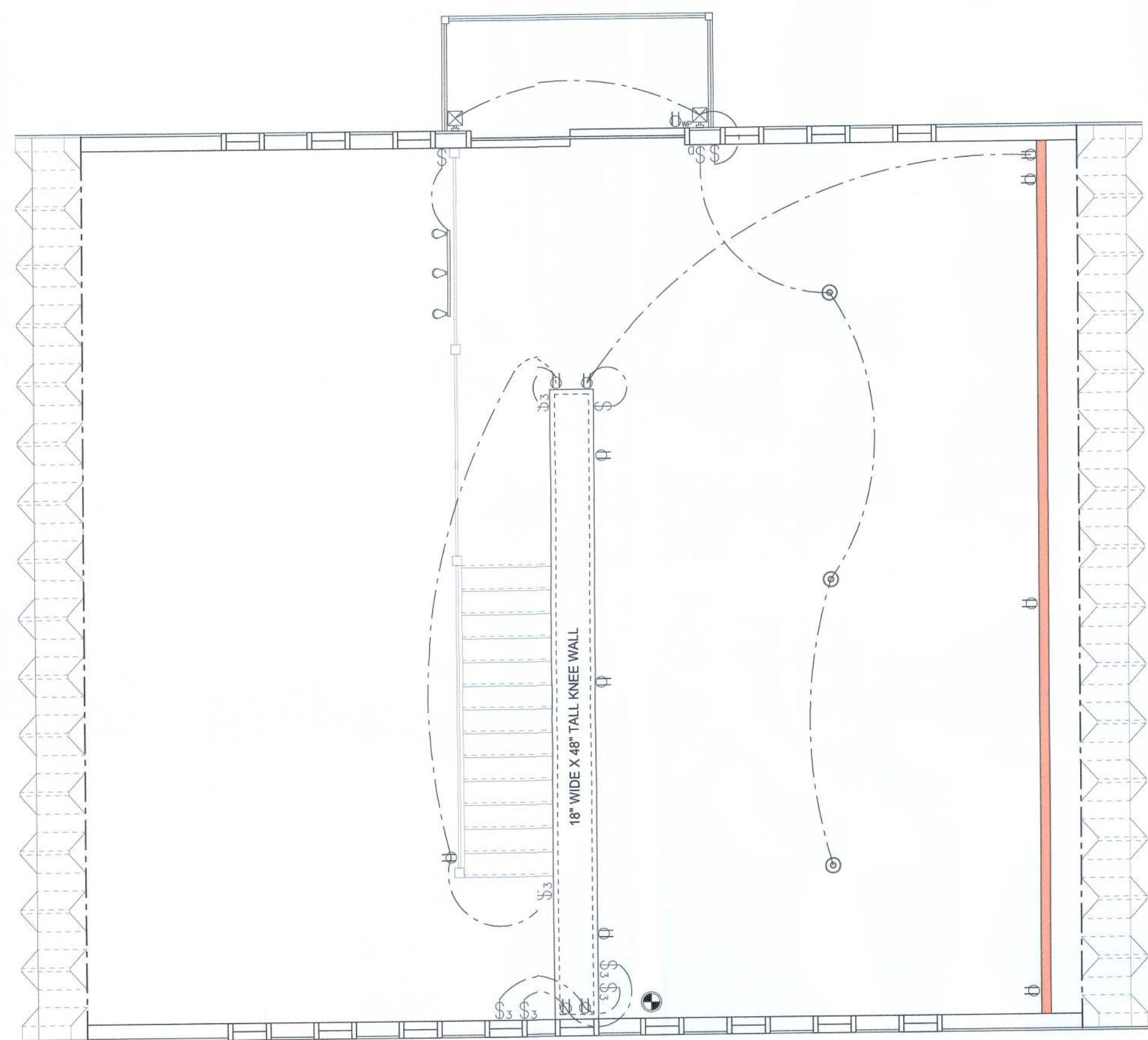
STAIR / BALUSTER
STYLES ARE DIAGRAMATIC
ONLY - CONTRACTOR TO
COORDINATE STYLES
WITH OWNER / FINISHES



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

AREA SUMMARY	
FIRST FLOOR	1,168 S.F.
SECOND FLOOR	615 S.F.
TOTAL AREA	1,783 S.F.

REVISIONS SCHEDULE	
REVISIONS	REVISIONS
Feb. 20th, 2017	March 21st, 2017
March 21st, 2017	March 31st, 2017
March 31st, 2017	August 13th, 2017
August 13th, 2017	November 1st, 2017
November 1st, 2017	



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

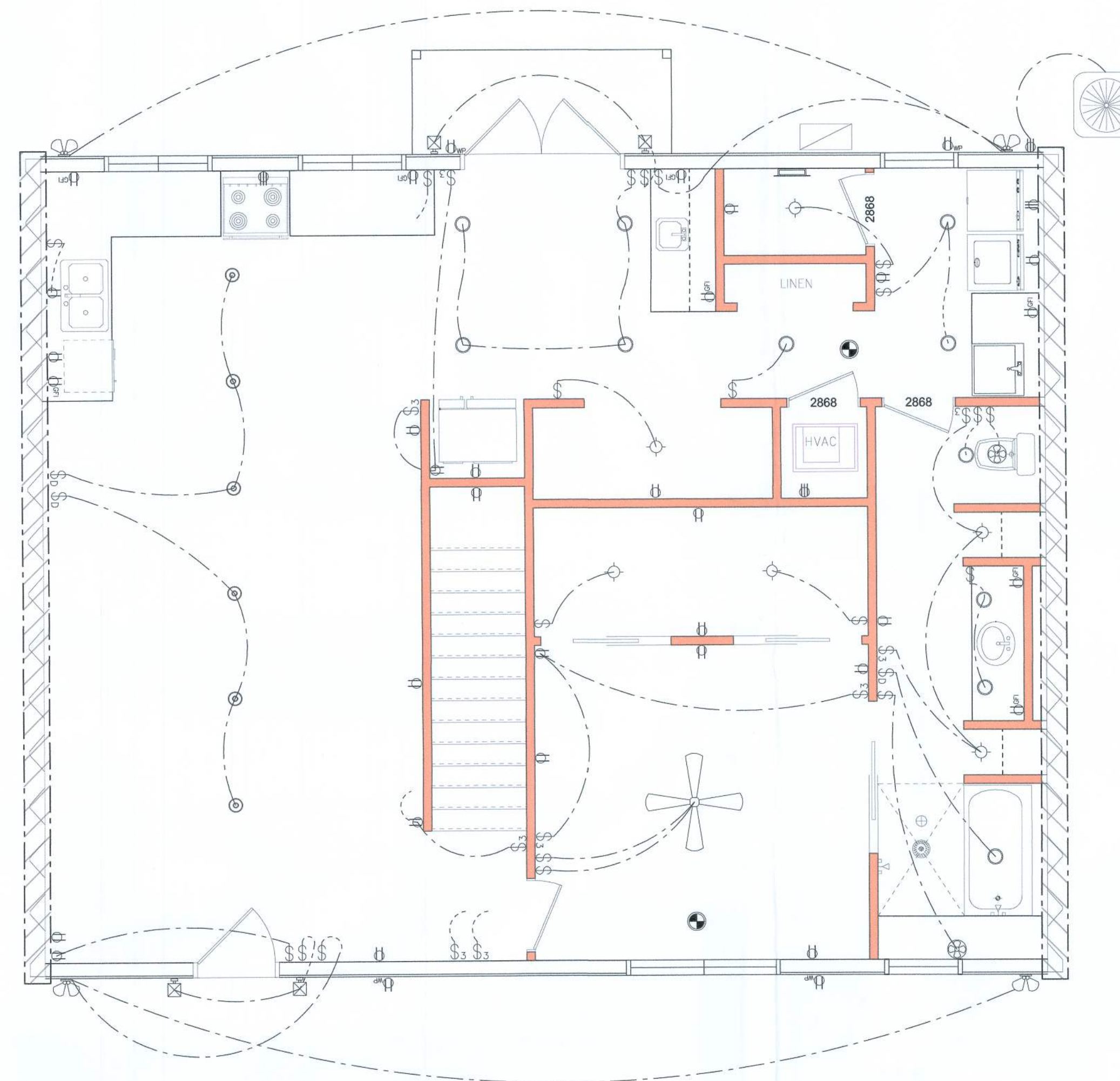
ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
Ceiling Fan	1	
Recessed Can Light	11	
Wall Scone	6	
Pendent	9	
Exterior Security	4	
Track	1	
Standard Light	6	
Exhaust Fan	2	
Smoke Detector	3	
Electrical Meter	1	
Electrical Panel	1	
Outlet	34	
Outlet 220v	4	
Outlet GFI	8	
Outlet WP	5	
Switch	21	
Switch 3 Way	12	
Switch Dimmer	4	

NOTE:
ALL BEDROOM, LIVING & DINNING RECEPTACLES
SHALL BE AFCI
(ARC FAULT CIRCUIT INTERRUPT)

ALL SMOKE DETECTORS SHALL HAVE BATTERY
BACKUP POWER AND WIRED TOGETHER SO IF ANY
ONE UNIT IS ACTUATED, THEY ALL ACTIVATE.

NOTE:
UFER grounding required per N.E.C.
Arc fault breakers required per N.E.C.
GFI breakers required per N.E.C.
Tamper resistant receptacles required per N.E.C.

Electric Meter
On Pole



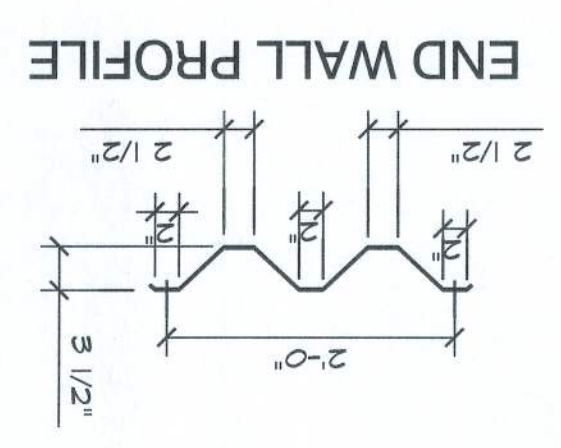
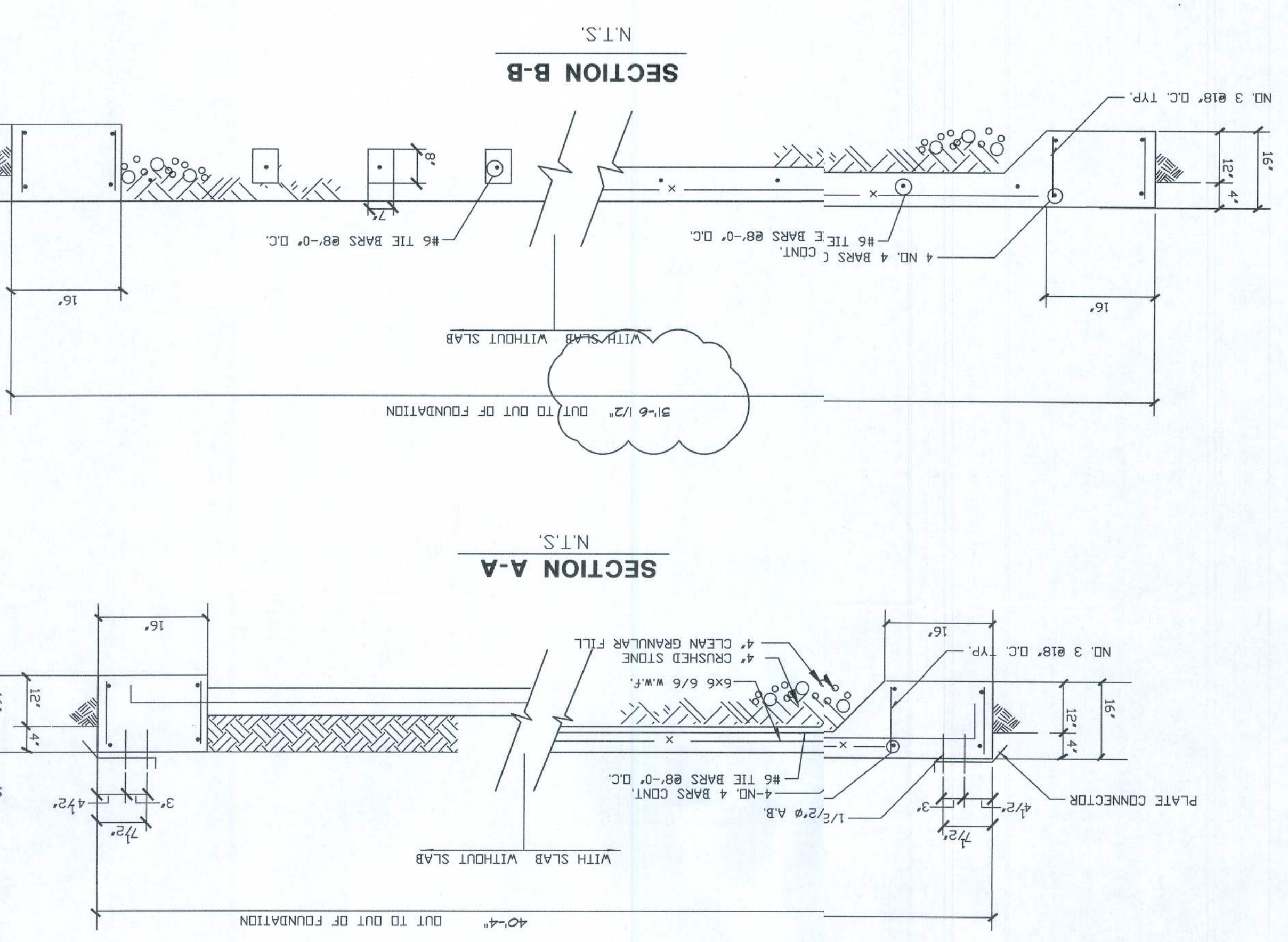
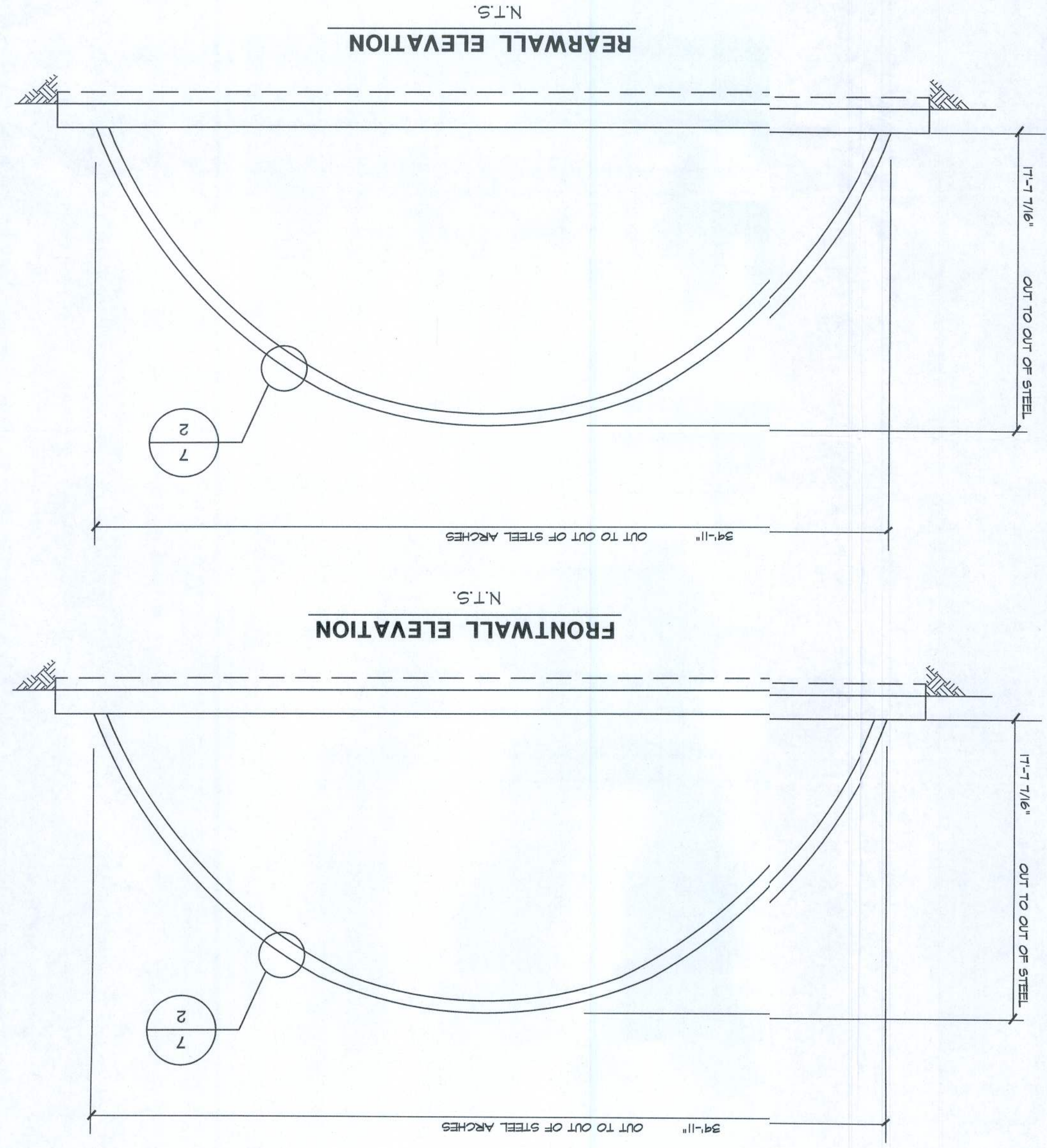
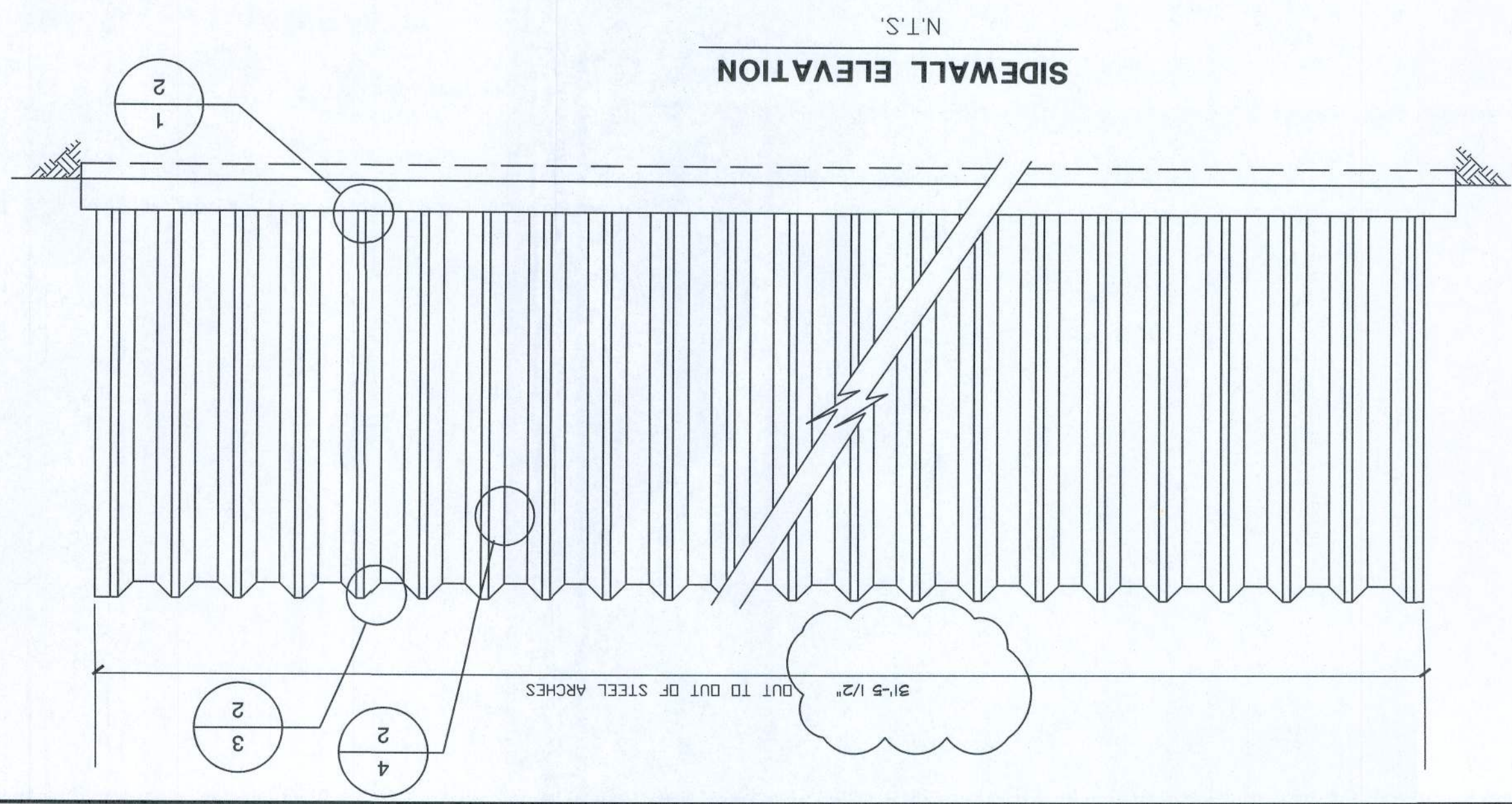
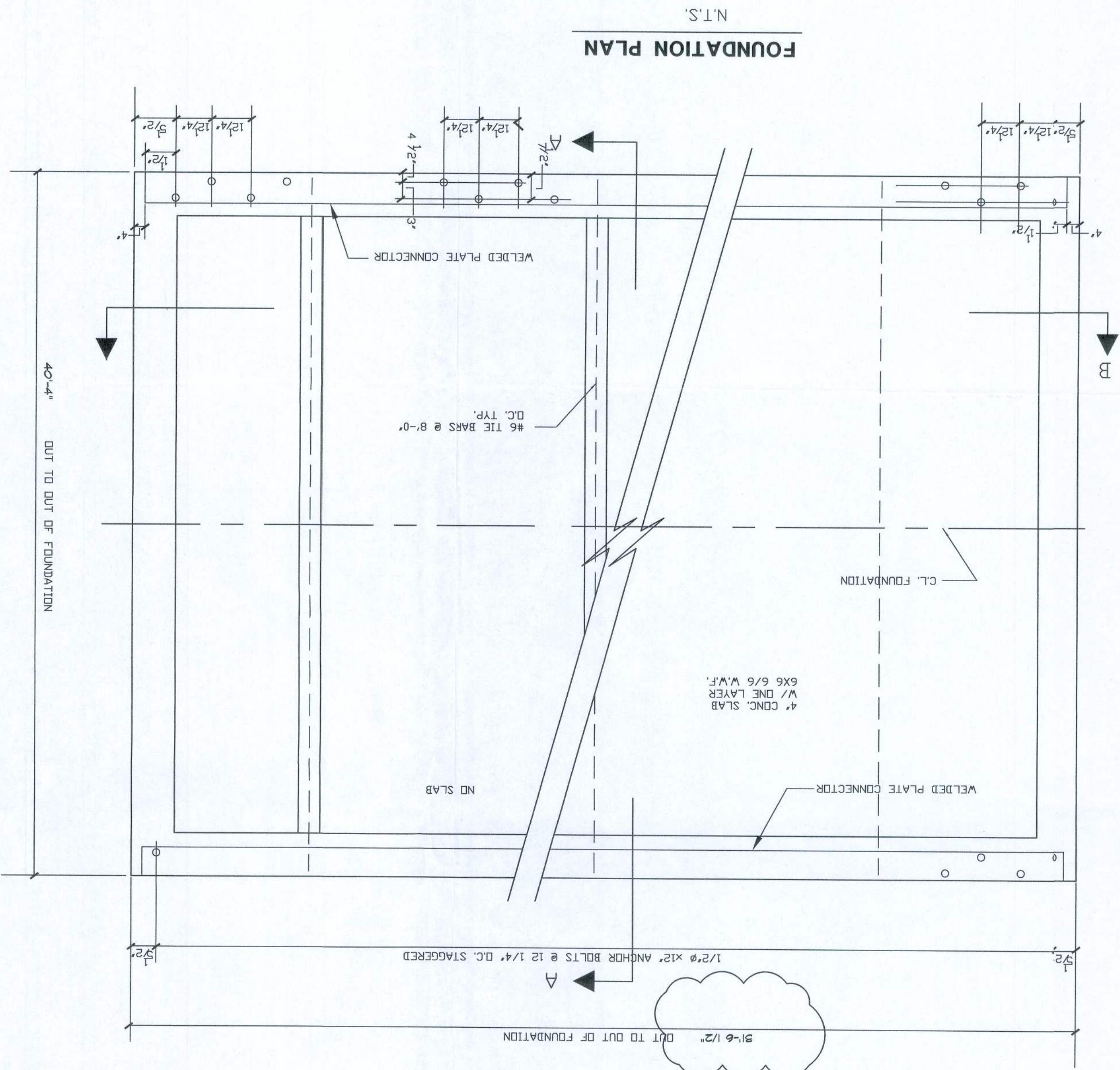
FIRST FLOOR ELECTRICAL
SCALE: 1/4" = 1'-0"

REVISIONS SCHEDULE	
REVISIONS	REVISIONS
Feb. 20th, 2017	March 21st, 2017
March 21st, 2017	August 1st, 2017
August 1st, 2017	November 1st, 2017

Shawn Rogers
COLUMBIA COUNTY, FLORIDA

**RIDGEPOINT
DESIGN, INC.**
496 SW RING CT. LAKE CITY, FLORIDA 32025
P: 386-288-1188
E: RIDGEPOINTDESIGN@GMAIL.COM

SHEET NUMBER
A.3
OF 3 SHEETS



MATERIAL NOTES

STEEL: GALVALUM SHEET STEEL, STRUCTURAL QUALITY, ASTM A792-10 GRADE 50, 50 KSI, MIN. YIELD, 65 KSI, MIN. TENSILE.

END WALLS: DESIGN BASE STEEL THICKNESS, WITHOUT COATING FOR: 1/2" (15 N. M.)

ARCH SIDE WALL, PANELS: (23 GAUGE)

CONCRETE: MIN. f'c 3 ksi AT 28 DAYS CURE, A 615M/ A GRADE 60, 60 KSI

REBAR: DEFORMED STEEL BARS, ASTM A 615M/ A GRADE 60, 60 KSI

WWR: WELDED WIRE FABRIC, ASTM A 496 MIN. 60KSI & ASTM A 497

2" DIAMETER 5/16-18 X 3/4" SAE GRADE 2, TORQUE 11 ft lb (15 N. M.)

BOLTS: MIN. f'c 3 ksi AT 28 DAYS CURE, A 615M/ A GRADE 60, 60 KSI

WALLS: 4" CRUSHED STONE

4" CLEAN GRANULAR FILL

DESIGN DATA

ROOF LIVE LOAD = 100 PSF

DECK LIVE LOAD = 12 PSF

SNOW LOAD = 0 PSF

WIND LOADS

Sign Ultimate Wind Speed = 120 MPH

Rk Category = C

Wind Exposure = 0.18

Internal Pressure Coefficient = 0.18

Imp. & Cladding wind pressure per ASCE 7-10

Rk Category: II

Seismic Importance Factor, Ie = 1

Seismic Design Category = S

Assumed Site Class = S

Seismic Design Category = S

GENERAL NOTES

1. THE FOUNDATION SHOWN IS A SUGGESTED DESIGN FOR GENERAL GUIDANCE ONLY. CHANGES MAY BE REQUIRED DUE TO LOCAL BUILDING REGULATIONS, SOIL CONDITIONS OR OTHER FACTORS WHICH AFFECT STEEL BUILDINGS.

2. THE FOUNDATION UNDER STRIP AND PAD FOOTING SYSTEMS SHALL BE CONSTRUCTED ON NATURAL UNDISTURBED SOIL.

3. THE ARCHES SHALL NOT BE FOULED UNTIL THE SOIL IS APPROVED AS HAVING BEARING VALUE BY A SOILS ENGINEER OR LOCAL BUILDING OFFICIAL.

4. SLAB-ON-GRADE SHALL BE PLACED ON WELL-COMPACTED FILL CAPABLE OF SUSTAINING 1000 PSF WITHOUT SETTLEMENT.

5. FOR PROPER CONNECTION OF THE BUILDING AT THE FOUNDATION BUILDING MUST BE ANCHORED TO CONCRETEAL BASE CONNECTOR USING "U" OR WEDGE ANCHOR. THIS WILL CONTROL THE ROTATIONAL MOMENT.

6. SHALL TAKE PRECEDENCE OVER THE BUILDING DESIGN SPECIFICATIONS AND DETAILS SHOWN ON THIS DRAWING.

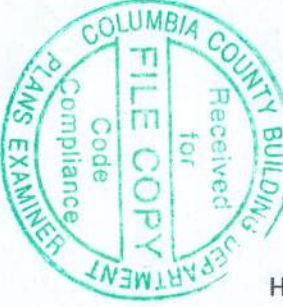
7. ALL DIMENSIONS (OTHER THAN PURELY STRUCTURAL RESPONSIBILITY OF THE ERECTOR) SHALL BE THE SOLE RISK AND RESPONSIBILITY OF THE ERECTOR.

8. DIMENSIONS SHOWN ON THIS DRAWING SHALL BE VERIFIED BY THE ERECTOR BEFORE PROCEEDING WITH THE WORK.

9. IT IS THE OWNER'S RESPONSIBILITY TO ASCERTAIN THAT THE LOADS AND FACTORS SPECIFIED UNDER DESIGN NOTES ARE ADEQUATE FOR THE INTENDED LOCATION AND OCCUPANCY OF THE BUILDING, AND THAT NO LOADS OTHER THAN THOSE SHALL BE IMPOSED ON THE STRUCTURE.

10. STEPHEN P. MASLAN'S SCOPE OF WORK IS STRUCTURAL AND FOUNDATION DESIGN ONLY. THIS IS NOT A COMPLETE SET OF CONSTRUCTION DOCUMENTS. SITE, MECHANICAL, ELECTRICAL, PLUMBING, FLOOD PLAIN, GEO-TECHNICAL REPORTS ARE NOT PART OF THIS WORK.

11. SHOW ANY DISCREPANCIES IN THESE PLANS AND/OR SITE ARE TO BE REPORTED IMMEDIATELY TO STEPHEN P. MASLAN.



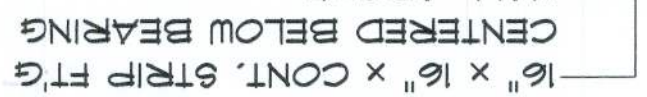
TERMITE PROTECTION NOTES:



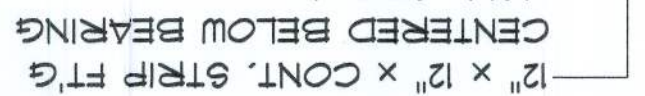
SCALE: 3/4" = 1'-0"



SCALE: not to scale



SCALE: not to scale



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



CONCRETE / MASONRY /
METALS GENERAL NOTES:

SHEET NUMBER
S.1
OF 3 SHEETS

**NICHOLAS
PAUL
GEISLER
ARCHITECT**

■ ■ ■ ■ ■
TTB N.W. Brown Rd.,
Lake City, FL 32055
(386) 785-9021

C.A.R.B. Certified

A CUSTOM RESIDENCE FOR:
ROGERS RESIDENCE
COLUMBIA COUNTY, FL

REVISIONS
April 19th, 2017
November 3rd, 2017

STRUCTURAL DESIGN CRITERIA:

1. THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2014 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: "C"

BASED ON ASCE 7-10, 2014 FBC 1609 WIND VELOCITY: $V_{ULT} = 130$ MPH
 $V_{ASD} = 93$ MPH

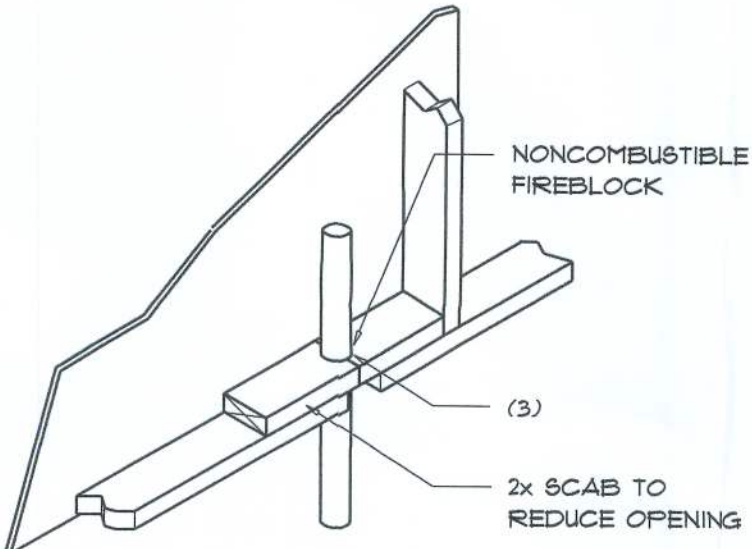
3. FLOOR DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 25 SF
SUPERIMPOSED LIVE LOADS:
RESIDENTIAL 40 PSF
BALCONIES 60 PSF

ZONE		WIND SPEED (MPH)	WIND LOAD (PSF)			
			110 MPH	120 MPH	130 MPH	140 MPH
ROOF 27° TO 45°	1	10	15.3 / -21.8	23.1 / -25	21.8 / -30.4	32.3 / -35.3
	1	20	19.4 / -20.1	23.0 / -24	21.0 / -28.9	31.4 / -33.5
	1	50	18.6 / -19.2	22.2 / -22.6	26.0 / -26.8	30.2 / -31.1
	2	10	15.3 / -25.5	23.1 / -30	21.8 / -35.6	32.3 / -41.2
	2	20	19.4 / -24.3	23.0 / -29	21.0 / -34.0	31.4 / -39.4
	2	50	18.6 / -22.9	22.2 / -21.2	26.0 / -32.0	30.2 / -31.1
WALL	3	10	15.3 / -25.5	23.1 / -30	21.8 / -35.6	32.3 / -41.2
	3	20	19.4 / -24.3	23.0 / -29	21.0 / -34.0	31.4 / -39.4
	3	50	18.6 / -22.9	22.2 / -21.2	26.0 / -32.0	30.2 / -31.1
	4	10	21.8 / -23.6	25.9 / -34	30.4 / -33.0	35.3 / -38.2
	4	20	20.8 / -22.6	24.1 / -26	28.0 / -31.6	33.1 / -36.1
	4	50	19.5 / -21.3	23.2 / -25	27.2 / -28.8	31.6 / -34.6
B	10	21.8 / -25.1	25.9 / -34	30.4 / -40.1	35.3 / -41.2	
	20	20.8 / -21.2	24.1 / -32	28.0 / -38.0	33.1 / -44.0	
	50	19.5 / -24.6	23.2 / -29.1	27.2 / -34.3	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	1.23	1.55
25	1.00	1.39	1.61
30	1.00	1.40	1.66

FLORIDA BUILDING CODE
Compliance Summary
TYPE OF CONSTRUCTION Roof: BY OTHERS Walls: 18ga METAL STUDS / 20ga s INTERIOR Floor: 4" Thk. Concrete Slab w/ Fiberglass Concrete Additive Foundation: Continuous Footer/ Stem Wall
ROOF DECKING Material: BY OTHERS
SHEAR WALLS Material: 1/2" CD Plywood or 7/16" O.S.B. Sheet Size: 48"x36" Sheets Flashed Vertical Fasteners: .113 RING SHANKED Nails @ 4" O.C. Edges & 8" O.C. Interior Dragstrut: Double Top Plate (6,8,10,12) w/ 16d Nails @ 12" O.C. Wall Studs: 18ga METAL STUDS 3 / 20ga s INTERIOR
HURRICANE UPLIFT CONNECTORS Anchor Bolts: 1/2" A307 Bolts @ 48" O.C. - 1st Bolt 6" from corner Porch Column Base Connector: Simpson ABU66 @ each column Porch Column to Beam Connector: Simpson M8TA20 (2 ea. side) or Simpson EPC66 or 2 - 5/8" thru bolts
FOOTINGS AND FOUNDATIONS Footing: 18" x 18" x CONT. w/ (2) 1" #5 REBAR TOP & BOTTOM, #5 REBAR CAGE @ 48" O.C. Stemwall: 8" FORMED & POURED 5 CONC. WALL w/ #5 REBAR VERT & HORIZ @ 16" O.C.



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

REVISIONS
April 19th, 2017

ACUSTOM RESIDENCE FOR:
ROGERS RESIDENCE
COLUMBIA COUNTY, FL

NICHOLAS PAUL GEISLER ARCHITECT
1755 NW Brown Rd.
Lake City, FL 32025
(386) 755-9021
N.C.A.R.S. Certified

SHEET NUMBER
3.2
OF 3 SHEETS

04 May 2017

REVISIONS	DATE	BY	APP

A CUSTOM RESIDENCE FOR:
ROGERS RESIDENCE
 COLUMBIA COUNTY, FL

NICHOLAS PAUL GEISLER ARCHITECT
 1750 NW Brown Rd.
 Lake City, FL 32025
 (386) 785-9021
 N.C.A.R.C. Certified

SHEET NUMBER
S.3
 OF 3 SHEETS

Handwritten signature and date: 04 May 2017

Metal Stud DETAILS

SCALE: NONE

NOTE:
 ALL METAL STUDS IN AXIAL LOAD APPLICATIONS SHALL BE 3556W18 MINIMUM, W/ MATCHING TRACK, ALL WELDED JOINTS

