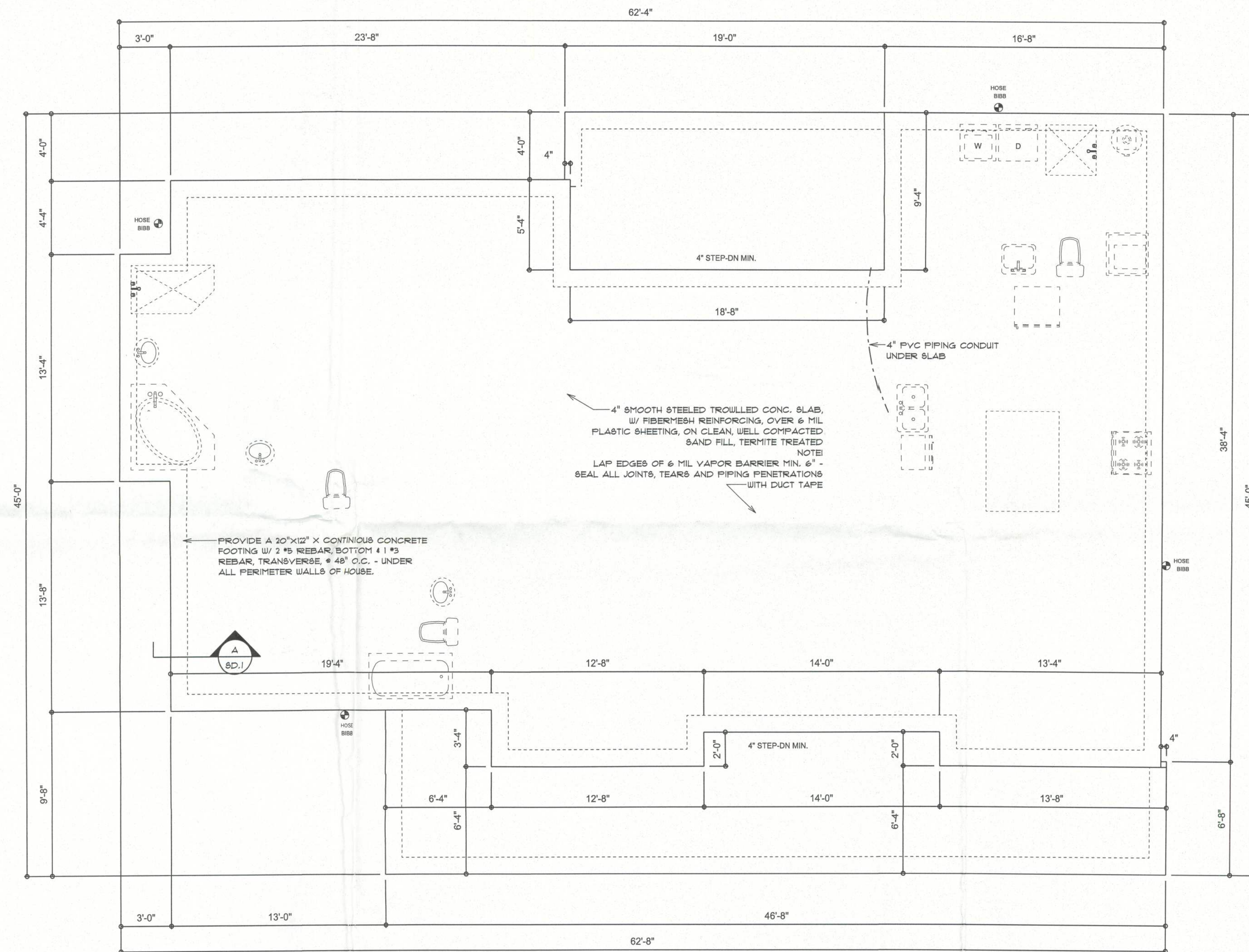


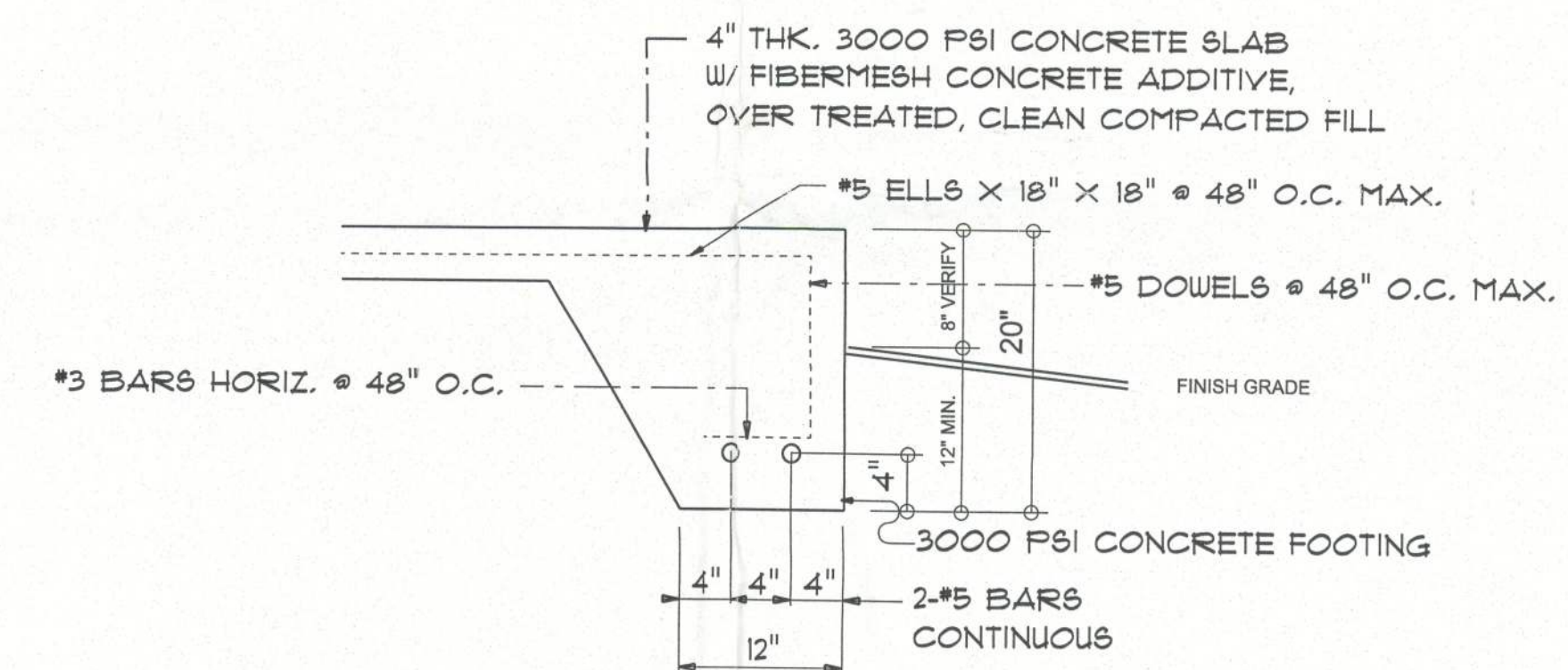
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FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

CONCRETE / MASONRY / METALS GENERAL NOTES:

1. DESIGN SOIL BEARING PRESSURE: 1000 PSF.
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 A183 - MIN. YIELD STRESS = 85 KSI.
6. CONCRETE SHALL BE STANDARD MIX F_c = 3000 PSI FOR ALL FTG, 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.
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.



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

NOTE:
THE DESIGN WIND SPEED FOR THIS PROJECT IS 120 MPH PER 2010 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:
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N.P. Geisler, Architect

DRAWN:

JMM

A CUSTOM HOME For
SCOTT & KAY GOVE
CR245, COLUMBIA COUNTY, FLORIDA

RIDGEPOINT DESIGN
& ASSOCIATES, LLC
LAKELAND, FLORIDA
813-938-3888
813-938-3888



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1972 - 2013
N.P. Geisler, Architect
N.C.A.A.E. Certified
ARCHITECT

NICHOLAS
GEISLER
ARCHITECT
N.C.A.A.E. Certified

DATE:

03 DEC 2013

COMPI:

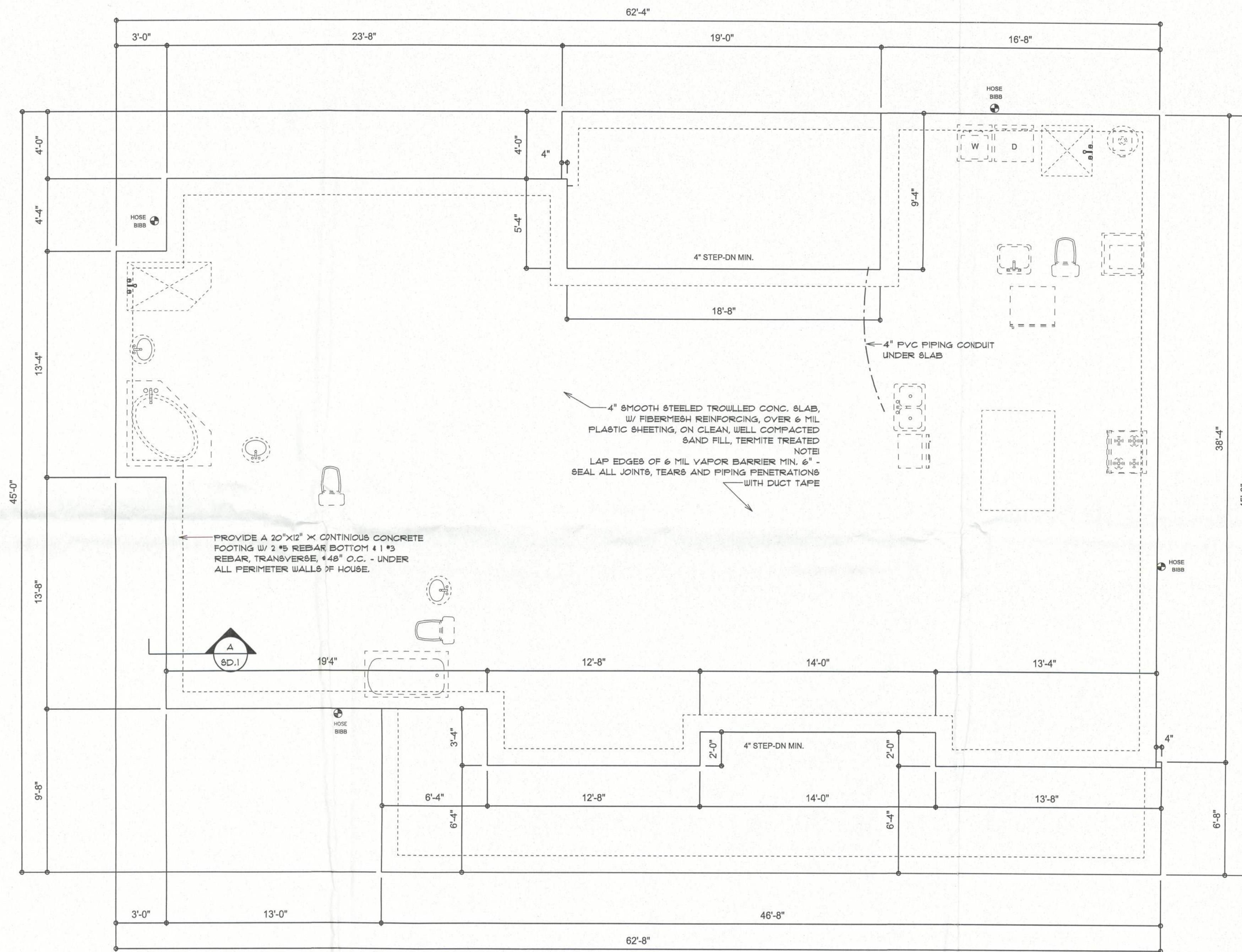
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S.1

OF 8 SHEETS



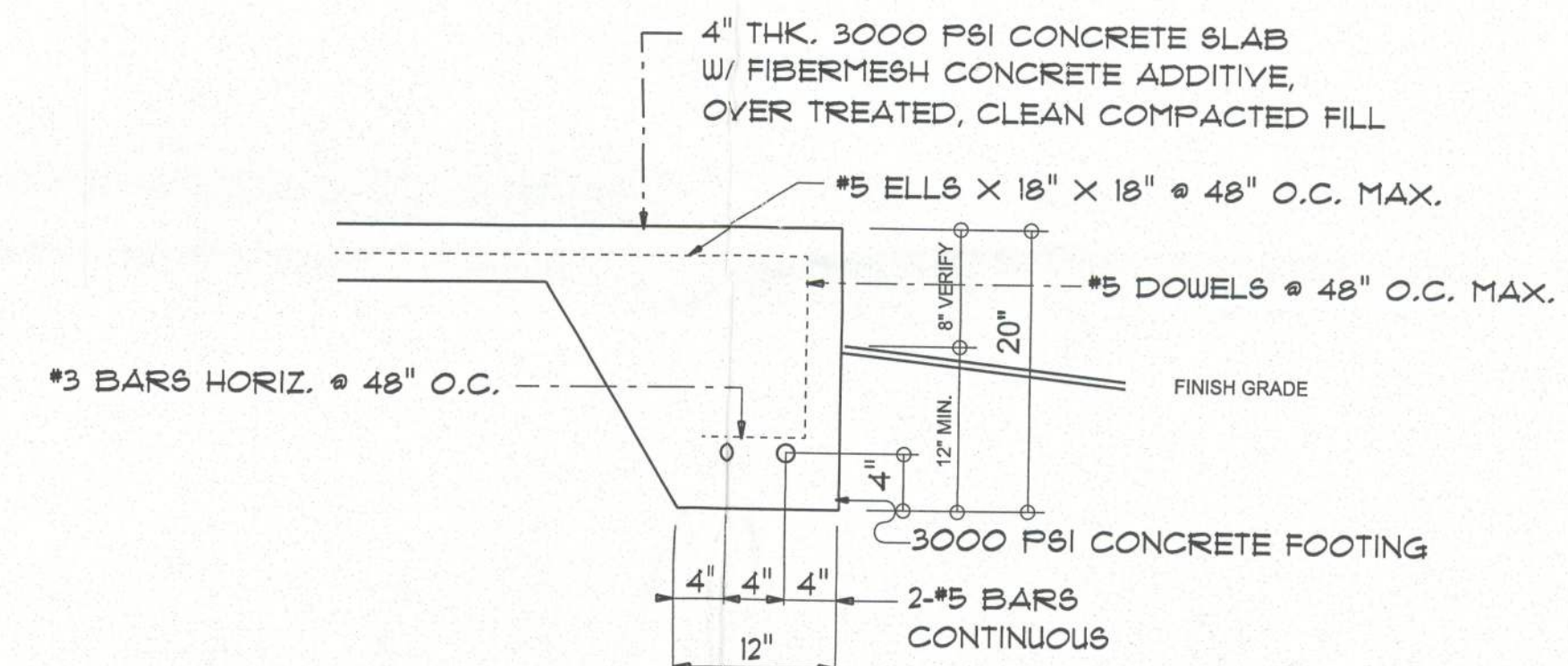
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SECTION A-A
SCALE: 3/4" = 1'-0"

NOTE:
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NOTE:
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N.P. Geisler, Architect
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NICHOLAS GEISLER
ARCHITECT
N.C.A.A.B. Certified
200 W. Broward Blvd.
Suite 200
Fort Lauderdale, FL 33304
954-583-5335

DATE:

03 DEC 2013

COMM:

SHEET NUMBER:

S.1

OF 8 SHEETS

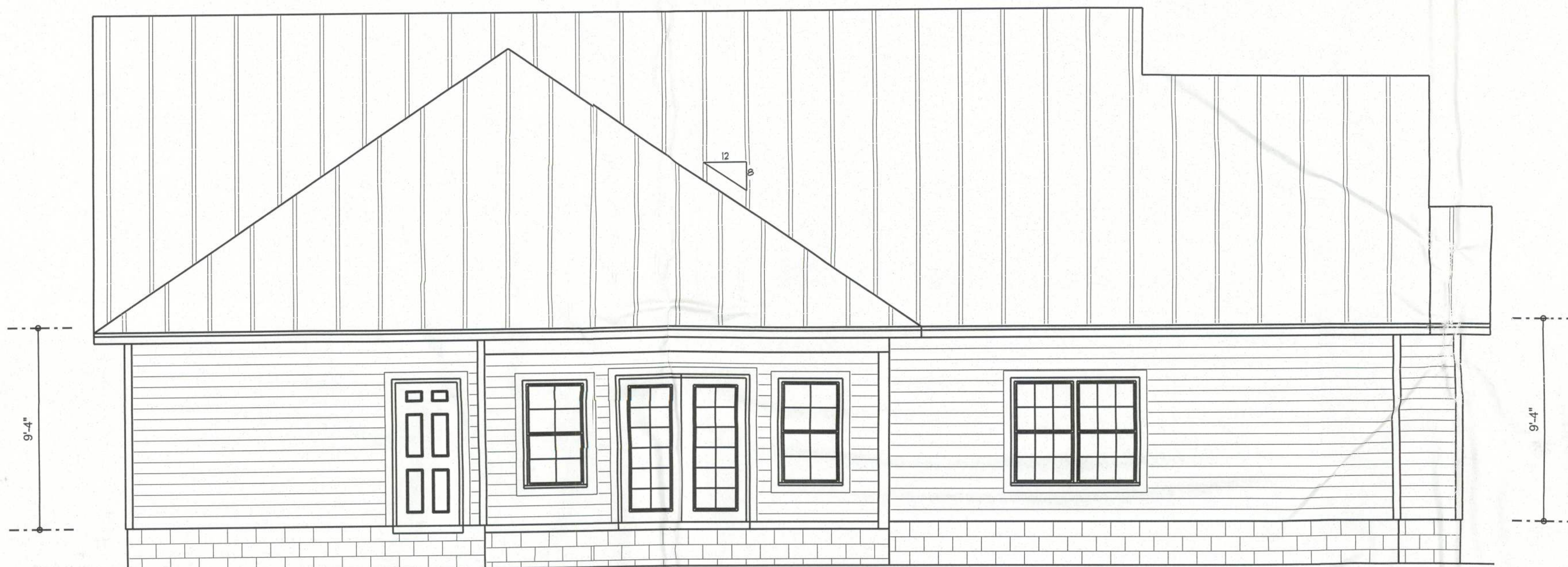




RIGHT ELEVATION
SCALE: 1/4" = 1'-0"



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



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

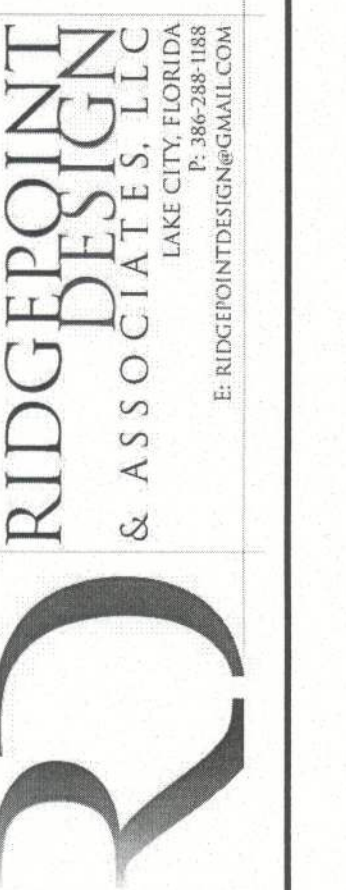


FRONT ELEVATION
SCALE: 1/4" = 1'-0"



REVISIONS SCHEDULE	
Tuesday, December 10, 2019	ORIGINAL DRAWINGS

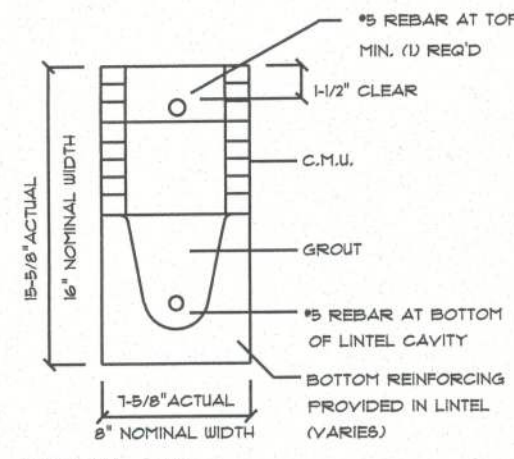
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SHEET NUMBER
A.1
OF 6 SHEETS

TYPE DESIGNATION

F = FILLED WITH GROUT / U = UNFILLED
QUANTITY OF REBAR AT BOTTOM OF LINTEL CAVITY
8F16-1B/1T
NOMINAL WIDTH
NOMINAL HEIGHT
QUANTITY OF REBAR AT TOP



DETAIL A/3
PRECAST LINTEL OVER GARAGE DOOR
PRE-CAST LINTELS + LAMIN COLUINS

8" PRECAST & PRESTRESSED U-LINTELS

MARK	LENGTH	TYPE	EUB	GRAVITY							
				8F6-CB	8F8-CB	8F10-CB	8F12-CB	8F14-CB	8F16-CB	8F18-CB	8F20-CB
L1	2'-10"	(34")	PRECAST	2302	3166	4473	6039	7826	9004	10473	11936
L2	3'-6"	(42")	PRECAST	2302	3166	4473	6039	7826	9004	10473	11936
L3	4'-0"	(48")	PRECAST	2028	2846	4473	6039	7826	9004	10473	11936
L4	4'-6"	(54")	PRECAST	1681	2100	3071	4079	5217	6386	7544	8688
L5	5'-4"	(64")	PRECAST	184	1669	2699	3051	4096	5400	6454	7450
L6	5'-10"	(70")	PRECAST	972	1000	1289	1474	1889	2304	2731	3131
L7	6'-6"	(78")	PRECAST	931	1059	1201	1407	1674	2004	2336	2666
L8	7'-6"	(90")	PRECAST	767	1079	1278	1478	1784	2104	2434	2764
L9	8'-4"	(102")	PRECAST	573	768	1012	1212	1412	1714	2014	2314
L10	10'-6"	(126")	PRECAST	486	688	928	1148	1348	1648	1948	2248
L11	11'-4"	(136")	PRECAST	445	648	888	1108	1308	1608	1908	2208
L12	12'-0"	(144")	PRECAST	414	618	858	1078	1278	1578	1878	2178
L13	13'-4"	(160")	PRECAST	362	568	808	1028	1228	1528	1828	2128
L14	14'-0"	(168")	PRECAST	338	542	782	1002	1202	1502	1802	2102
L15	14'-8"	(176")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
L16	15'-4"	(184")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
L17	17'-4"	(208")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
L18	19'-4"	(232")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
L19	21'-4"	(256")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
L20	22'-0"	(264")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
L21	24'-0"	(288")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.

8" PRECAST W/ 2" RECESS DOOR U-LINTELS

MARK	LENGTH	TYPE	EUB	GRAVITY							
				8RF6-CB	8RF8-CB	8RF10-CB	8RF12-CB	8RF14-CB	8RF16-CB	8RF18-CB	8RF20-CB
L22	4'-4"	(52")	PRECAST	1489	1921	2553	3285	3917	4549	5181	5813
L23	4'-8"	(56")	PRECAST	1381	1813	2445	3077	3709	4341	4973	5605
L24	5'-8"	(68")	PRECAST	789	1221	1853	2485	3117	3749	4381	5013
L25	5'-10"	(70")	PRECAST	739	1171	1803	2435	3067	3699	4331	4963
L26	6'-6"	(80")	PRECAST	833	1265	1897	2529	3161	3793	4425	5057
L27	7'-6"	(90")	PRECAST	669	1111	1743	2375	3007	3639	4271	4903
L28	9'-6"	(116")	PRECAST	371	835	1399	2063	2727	3391	4055	4719

CMU WINDOW SCHEDULE

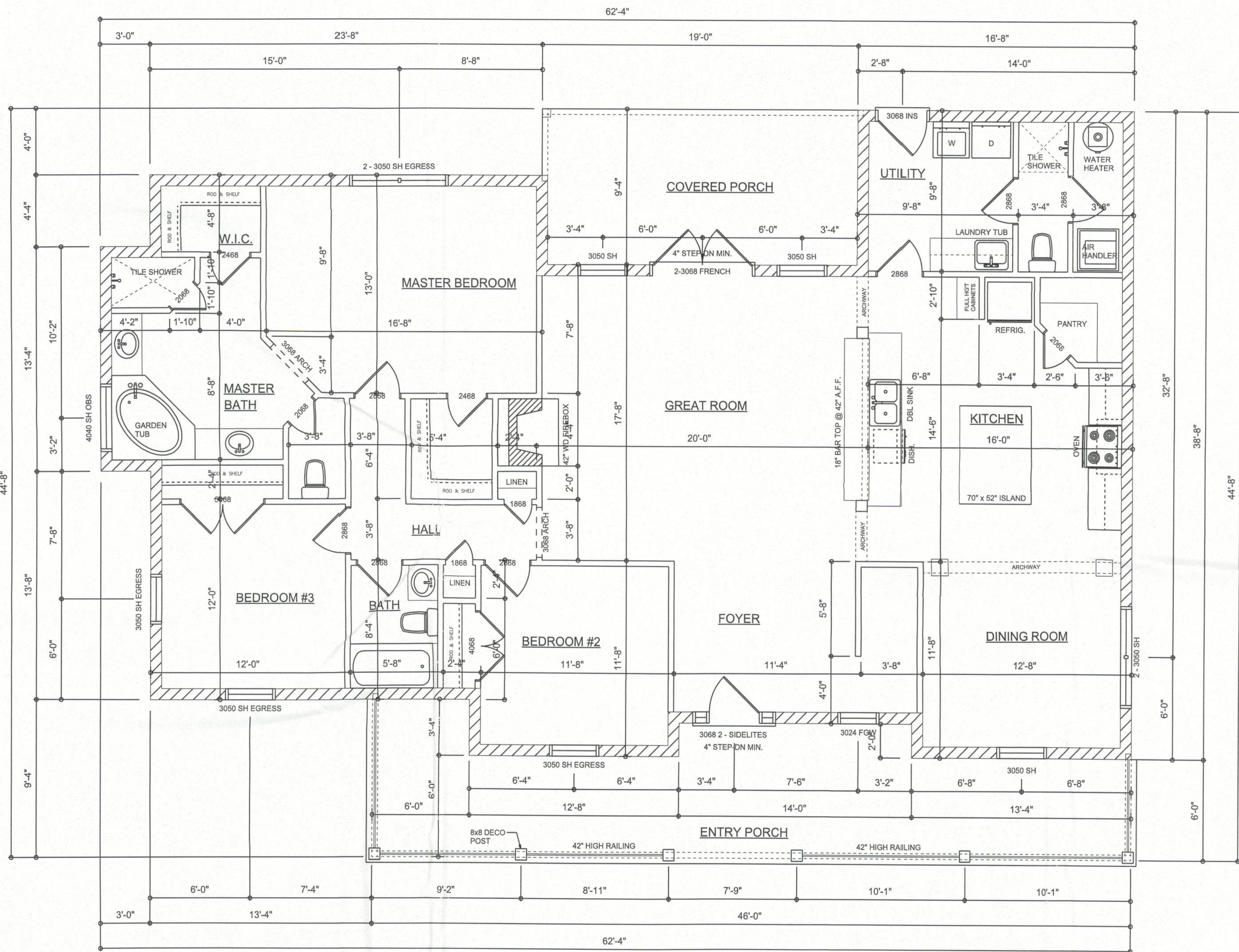
TYPE	WINDOW LINTEL	ROUGH OPENING	REMARKS
1/2 35 SH	42"	28" X 63"	
SH 23	54"	37 3/4" X 39"	
SH 25	54"	37 3/4" X 63"	EGRESS WINDOW
(2) SH 25	90"	74 1/8" X 63"	EGRESS WINDOW
SH 22	54"	37 3/4" X 28 3/8"	
345 SH	64"	54 3/4" X 51"	
SH 35	70"	53 1/8" X 63"	EGRESS WINDOW
4840 GB	72"	56 3/4" X 48"	

ALL WINDOWS MANUFACTURED BY: TBD
SEE ATTACHED ENGINEERING

CMU DOOR SCHEDULE

TYPE	DOOR LINTEL	REMARKS
(2) 3068	90"	PRE-CAST REC.
3068 INS	54"	PRE-CAST REC.
3068 FRENCH	54"	PRE-CAST REC.
2868 GR. EXT. DR.	50"	PRE-CAST REC.
5068 SGD	78"	PRE-CAST REC.
(2) 3068 FRENCH	90"	PRE-CAST REC.
16x T.O.H. GD.	208"	PRE-CAST REC.

ALL DOORS MANUFACTURED BY: TBD
SEE ATTACHED ENGINEERING



DIMENSIONED FLOOR PLAN

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

AREA SUMMARY

LIVING	1,972	S.F.
ENTRY PORCH	324	S.F.
COVERED PORCH	176	S.F.
ATTIC STORAGE	1,350	S.F.
TOTAL LIVING	3,822	S.F.

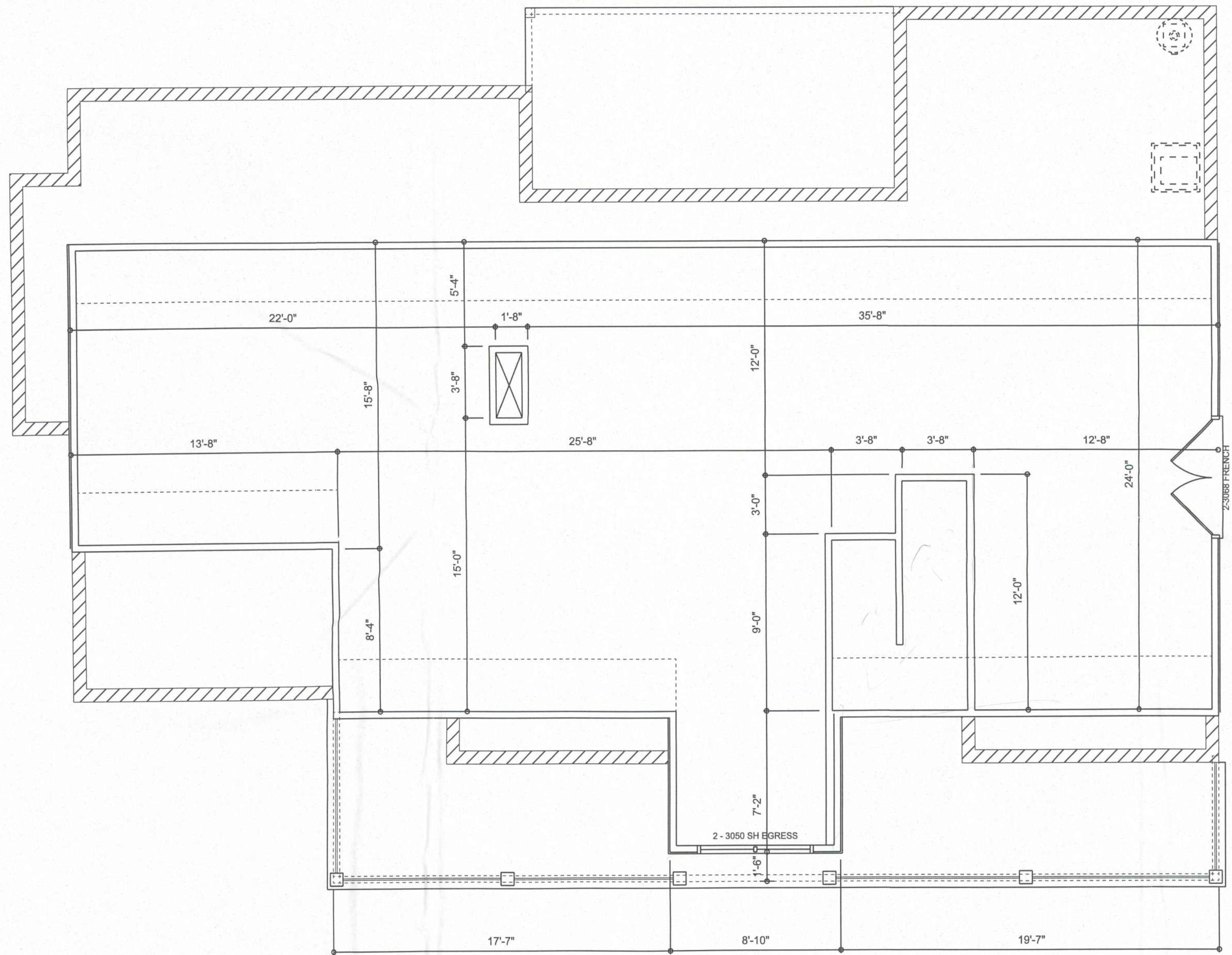
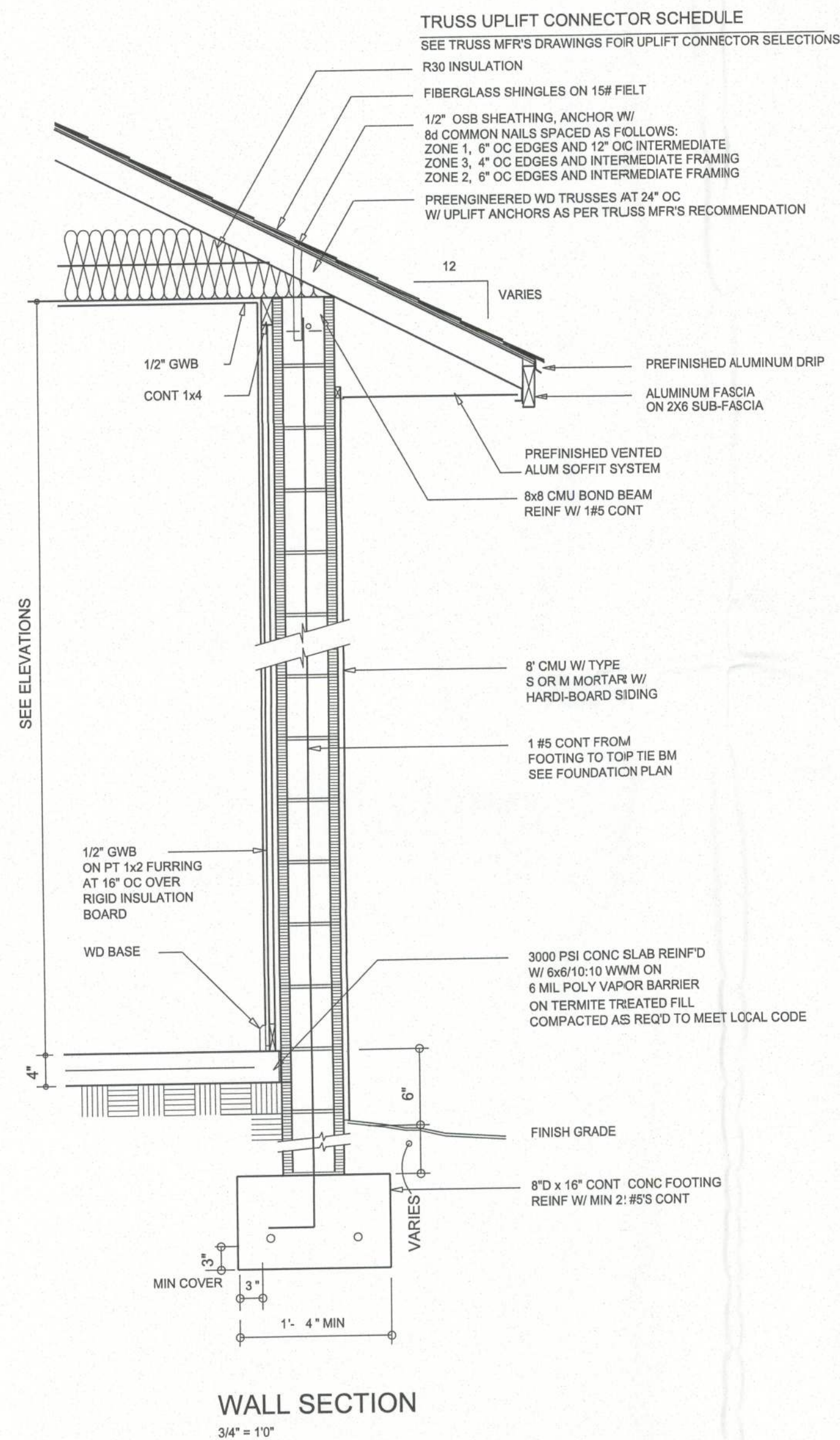
REVISIONS SCHEDULE	
1	07/20/2018
2	07/20/2018
3	07/20/2018
4	07/20/2018
5	07/20/2018
6	07/20/2018
7	07/20/2018
8	07/20/2018
9	07/20/2018
10	07/20/2018

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CR-245, COLUMBIA COUNTY, FLORIDA

PREMIER BUILDING
"Building Your Structural Future"
386 - 965 - 0985

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LAKE CITY, FLORIDA
E: RIDGEPOINTDESIGN@GMAIL.COM

SHEET NUMBER
A.2
OF 6 SHEETS



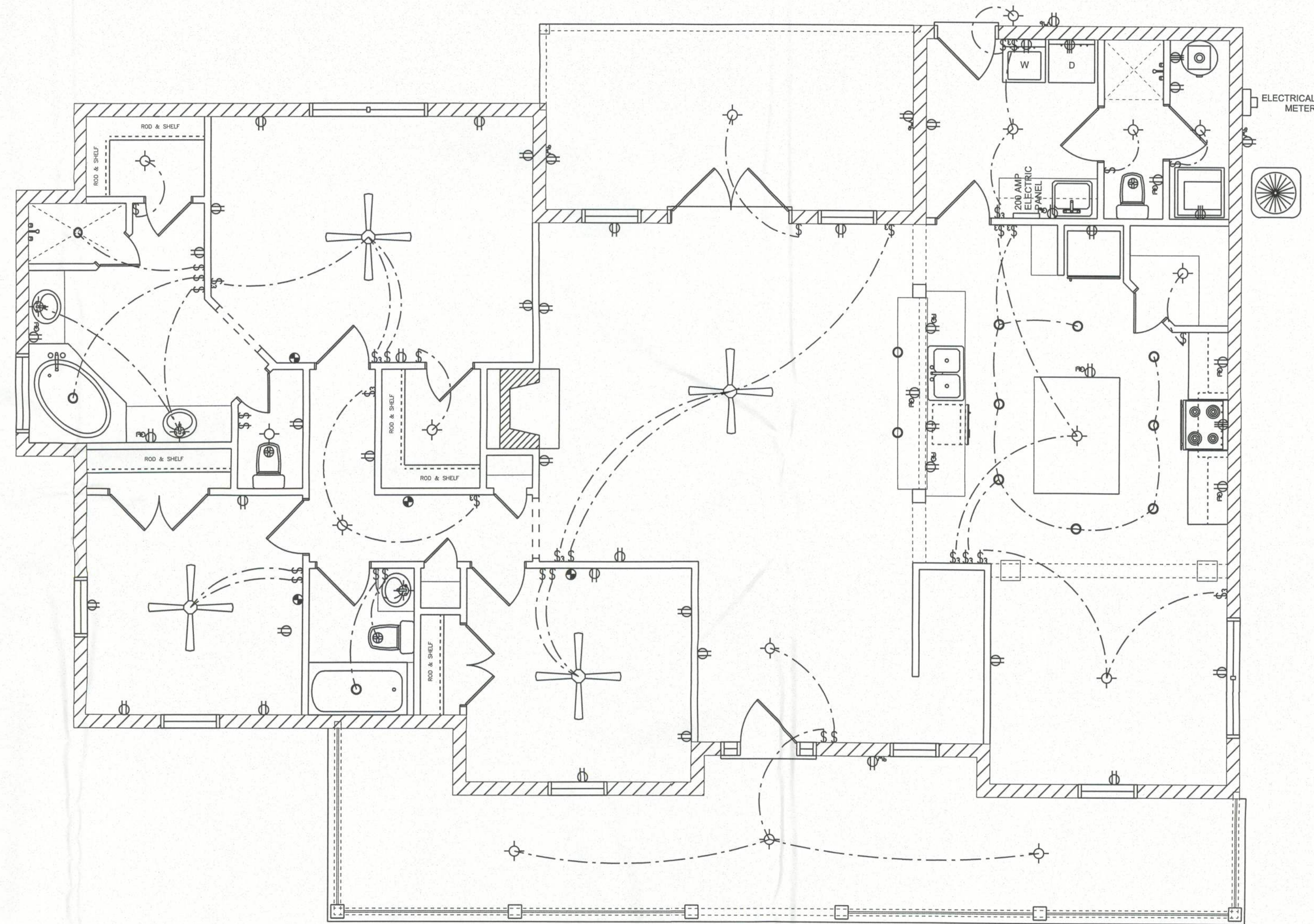
REVISIONS SCHEDULE	
07/20/2024	ANAL DRAWINGS
Saturday, December 14, 2024	

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CR-245, COLUMBIA COUNTY, FLORIDA

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LAKE CITY, FLORIDA
P: 386-288-1888
E: RIDGEPOINTDESIGN@GMAIL.COM

SHEET NUMBER
A.3
OF 6 SHEETS



ELECTRICAL PLAN

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

NOTE:
ALL BEDROOM RECEPTACLES SHALL BE AFCI
(ARC FAULT CIRCUIT INTERRUPT)

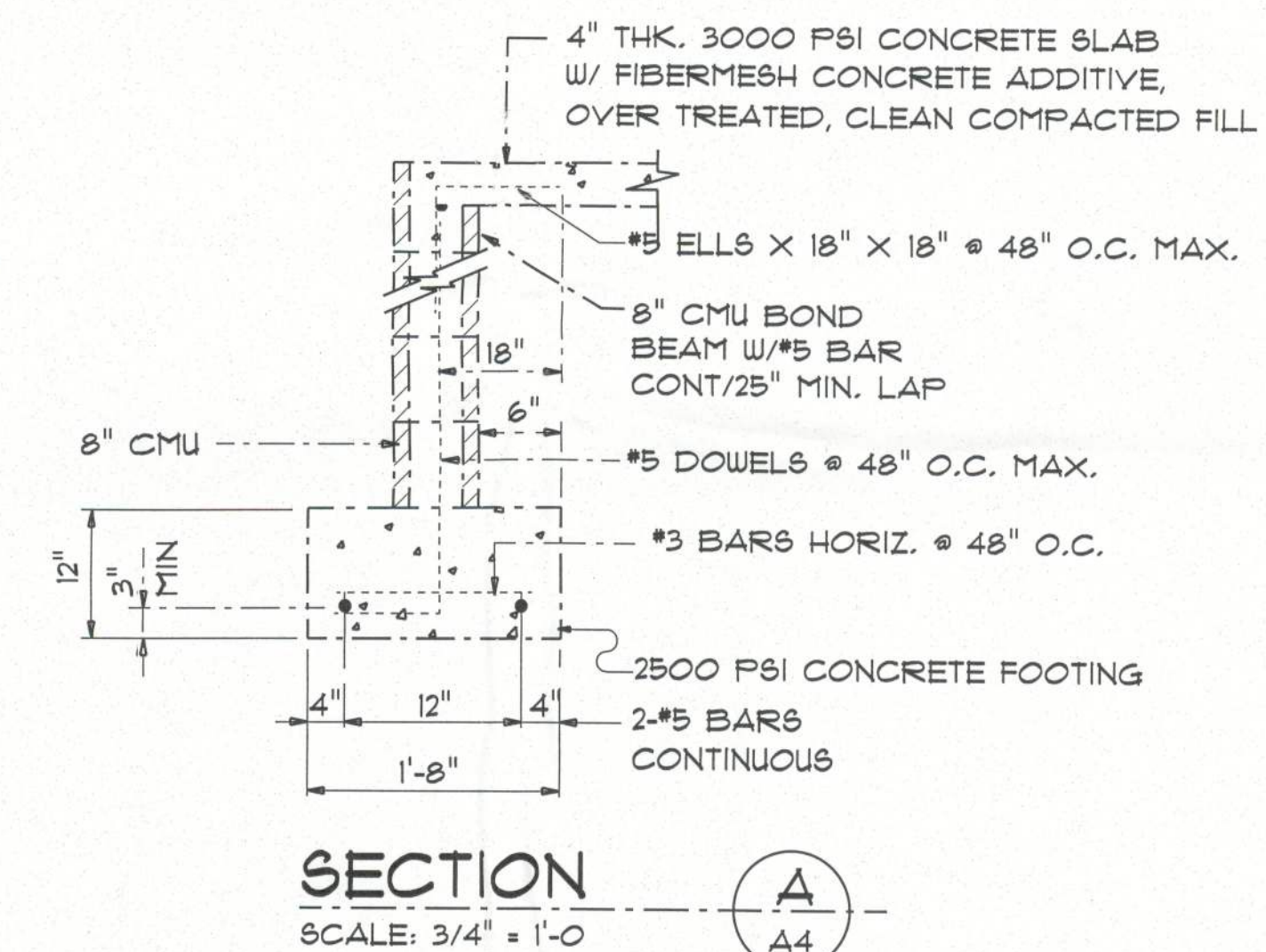
ALL SMOKE DETECTORS SHALL HAVE BATTERY BACKUP POWER
AND ALL WIRED TOGETHER SO IF ANY ONE UNIT IS ACTUATED THEY
ALL ACTIVATE.

NOTE!
UFER grounding required per N.E.C.
Arc fault breakers required per N.E.C.
GFCI breakers required per N.E.C.
Tamper resistant receptacles required per N.E.C.

ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
ceiling fan 4 bladed 01	4	
pot light	13	
fan	3	
light	20	
outlet	32	
outlet 220v	4	
outlet gfi	10	
outlet wp	5	
smoke detector	4	
switch	22	
switch 3 way	15	

CONCRETE / MASONRY /
METALS GENERAL NOTES:

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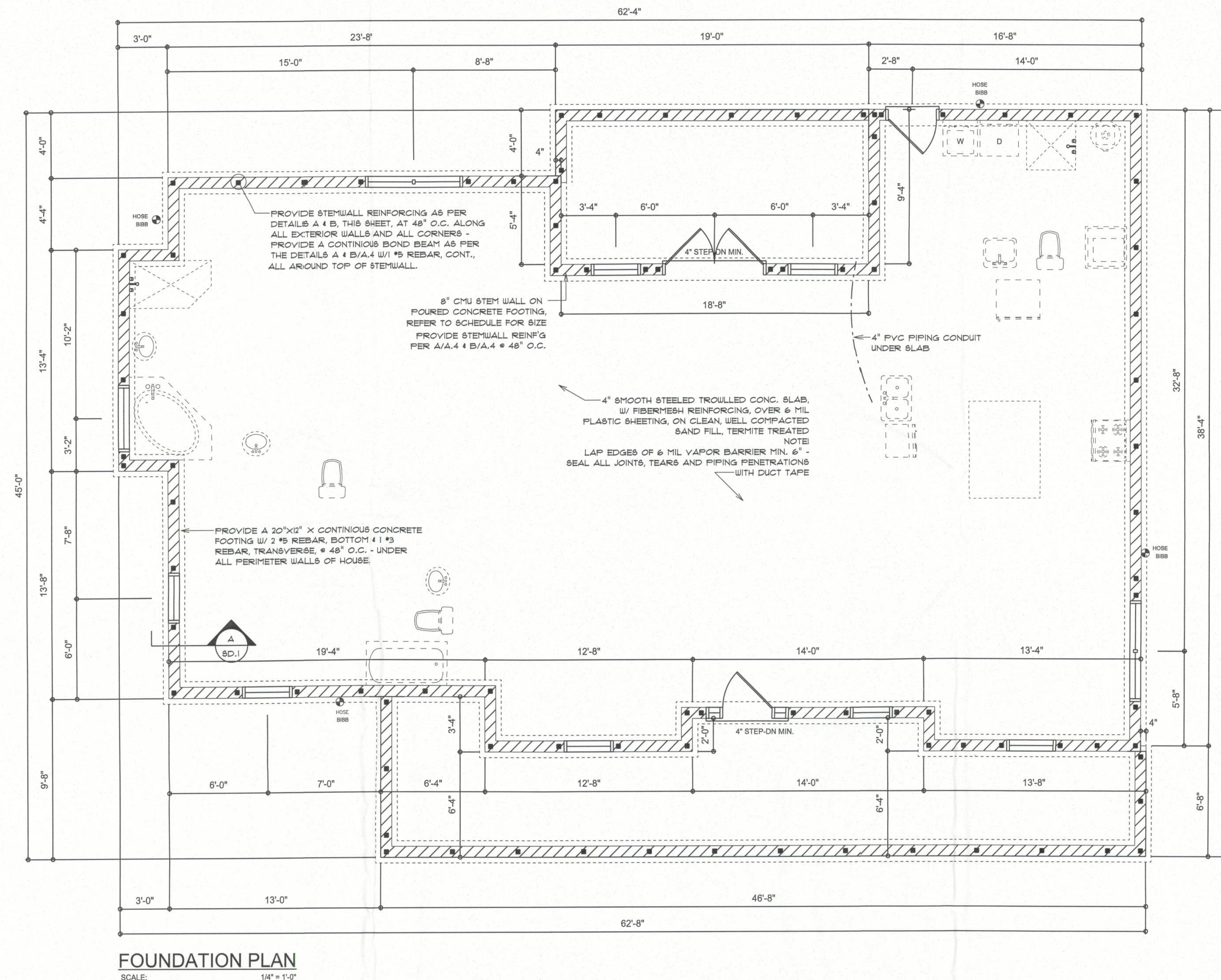


NOTE:
THE DESIGN WIND SPEED FOR THIS
PROJECT IS 110 MPH PER FBC 1609
AND LOCAL JURISDICTION REQUIREMENTS

NOTE:
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EA. LIFT SHALL BE COMPACTED TO 98% DRY
COMPACTION PER THE "MODIFIED PROCTOR"
METHOD.

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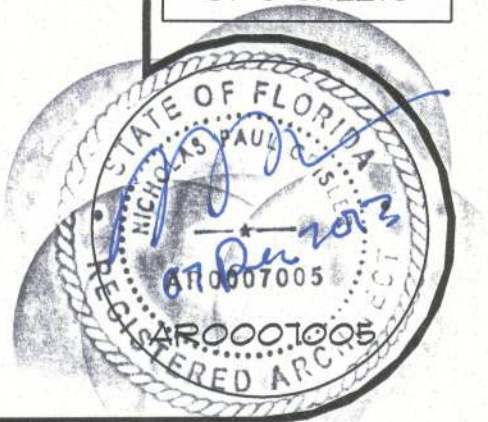
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REPORT - CONTR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS.
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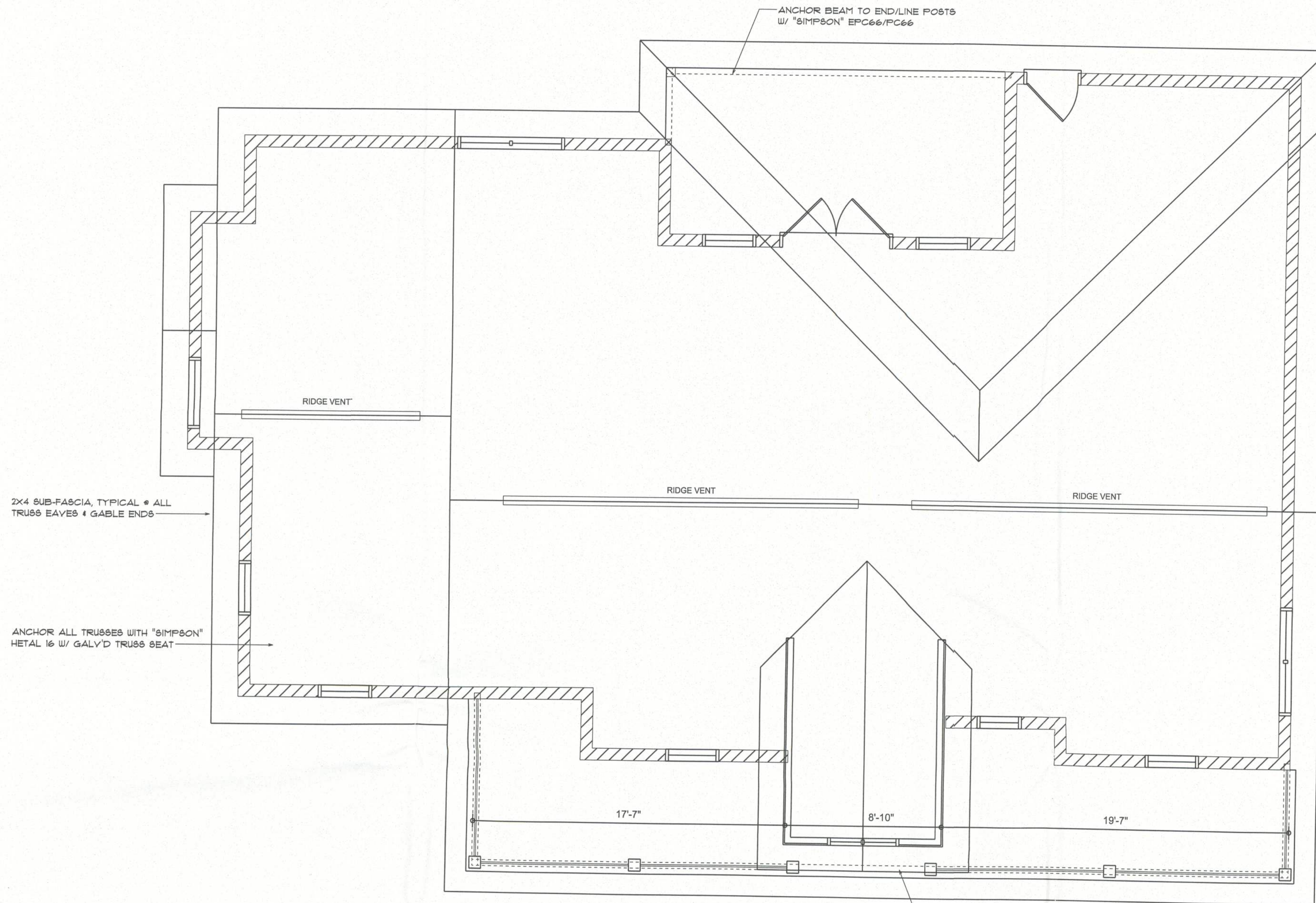
FOUNDATION PLAN

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

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Roof Framing PLAN

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

NOTE:
REFER TO THE WINDOW/DOOR
SCHEDULE ON SHEET A.2 FOR ALL
MINIMUM SIZE HEADERS AND ALTERNATES

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 AC-
CORDANCE 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!
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 110 MPH PER FBC 1609
AND LOCAL JURISDICTION REQUIREMENTS

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.

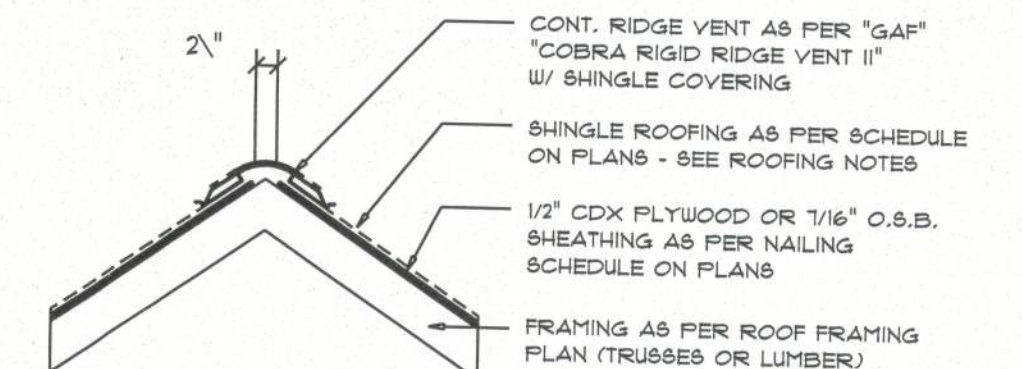
NOTE!

ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING, INCLUDING WIRING, PLUMBING OR OTHER SUCH PENETRATIONS. WALLS OVER 8'-0" TALL SHALL HAVE CONTINUOUS BLOCKING TO LIMIT CAVITY HEIGHT TO 8'-0". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES, NOTED ABOVE

WOOD STRUCTURAL NOTES

- 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".
- 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".
- ALL EXTERIOR WALLS SHALL BE 8" CMU BLOCK
- 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	490 SQ.IN.
2000 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.

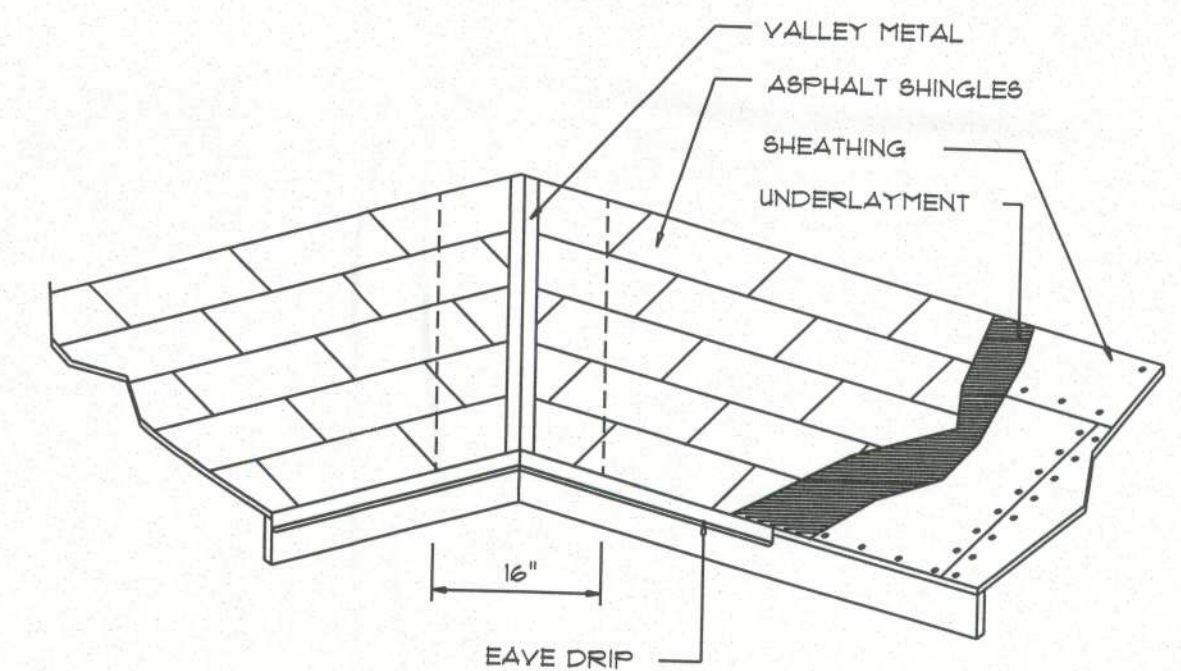


MIAMI/DADE PRODUCT APPROVAL REPORT: #38-0713.05

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	0.0175	26 (ZINC COATED G90)	
ZINC ALLOY LEAD PAINTED TERNE	0.021		40 20

Roofing/Flashing DETS.

SCALE: NONE

A



