

LIST OF ABBREVIATIONS

01	FOUNDATION
02	CONCRETE
03	WOOD
04	MECHANICAL
05	ELECTRICAL
06	PLUMBING
07	PAINT
08	GLASS
09	ROOFING
10	LANDSCAPE
11	EXTERIOR
12	INTERIOR
13	MECHANICAL
14	ELECTRICAL
15	PLUMBING
16	PAINT
17	GLASS
18	ROOFING
19	LANDSCAPE
20	EXTERIOR
21	INTERIOR
22	MECHANICAL
23	ELECTRICAL
24	PLUMBING
25	PAINT
26	GLASS
27	ROOFING
28	LANDSCAPE
29	EXTERIOR
30	INTERIOR
31	MECHANICAL
32	ELECTRICAL
33	PLUMBING
34	PAINT
35	GLASS
36	ROOFING
37	LANDSCAPE
38	EXTERIOR
39	INTERIOR
40	MECHANICAL
41	ELECTRICAL
42	PLUMBING
43	PAINT
44	GLASS
45	ROOFING
46	LANDSCAPE
47	EXTERIOR
48	INTERIOR
49	MECHANICAL
50	ELECTRICAL
51	PLUMBING
52	PAINT
53	GLASS
54	ROOFING
55	LANDSCAPE
56	EXTERIOR
57	INTERIOR
58	MECHANICAL
59	ELECTRICAL
60	PLUMBING
61	PAINT
62	GLASS
63	ROOFING
64	LANDSCAPE
65	EXTERIOR
66	INTERIOR
67	MECHANICAL
68	ELECTRICAL
69	PLUMBING
70	PAINT
71	GLASS
72	ROOFING
73	LANDSCAPE
74	EXTERIOR
75	INTERIOR
76	MECHANICAL
77	ELECTRICAL
78	PLUMBING
79	PAINT
80	GLASS
81	ROOFING
82	LANDSCAPE
83	EXTERIOR
84	INTERIOR
85	MECHANICAL
86	ELECTRICAL
87	PLUMBING
88	PAINT
89	GLASS
90	ROOFING
91	LANDSCAPE
92	EXTERIOR
93	INTERIOR
94	MECHANICAL
95	ELECTRICAL
96	PLUMBING
97	PAINT
98	GLASS
99	ROOFING
100	LANDSCAPE

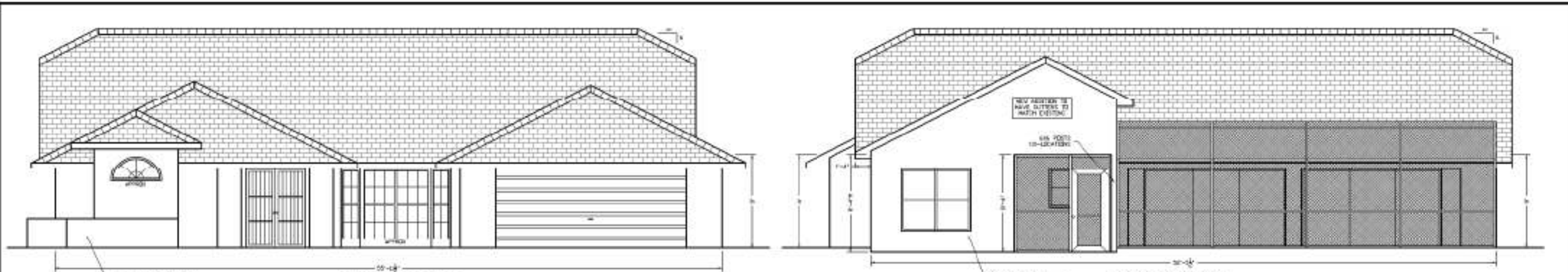
PROFESSIONAL ENGINEER
Daniel F. Ardito, P.E.
Professional Engineer
1000 S. PLUMMER ST.
SEASIDE, FL 32081
1000-80-400

JOB NAME: ROOM ADDITION
CITRUS COUNTY, FL

SHEET: 1 OF 3

DATE: 9/7/21
DRAWN BY: DAA
JOB NUMBER: 11-143

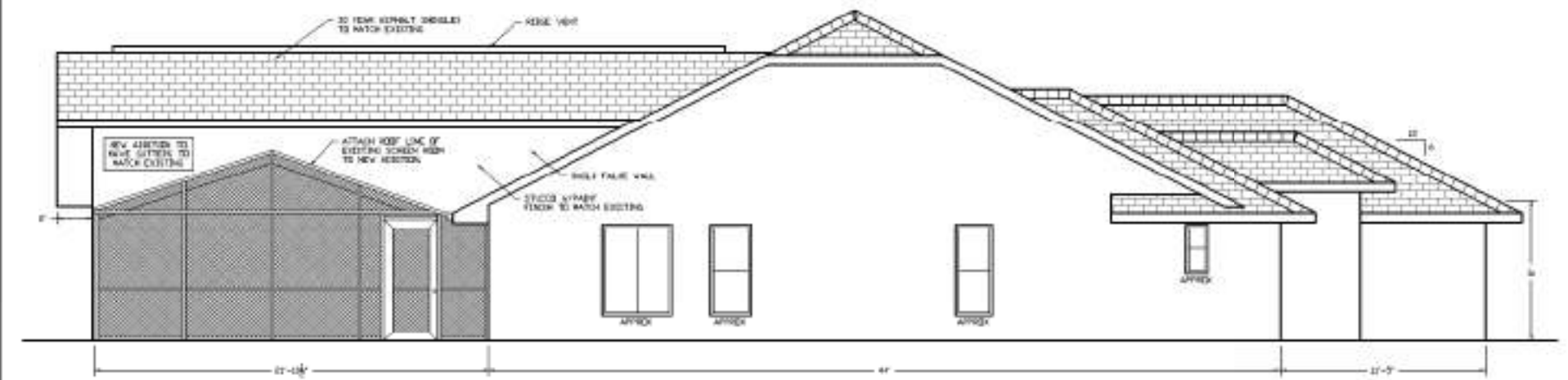
SHEET TITLE: EXISTING BUILDING



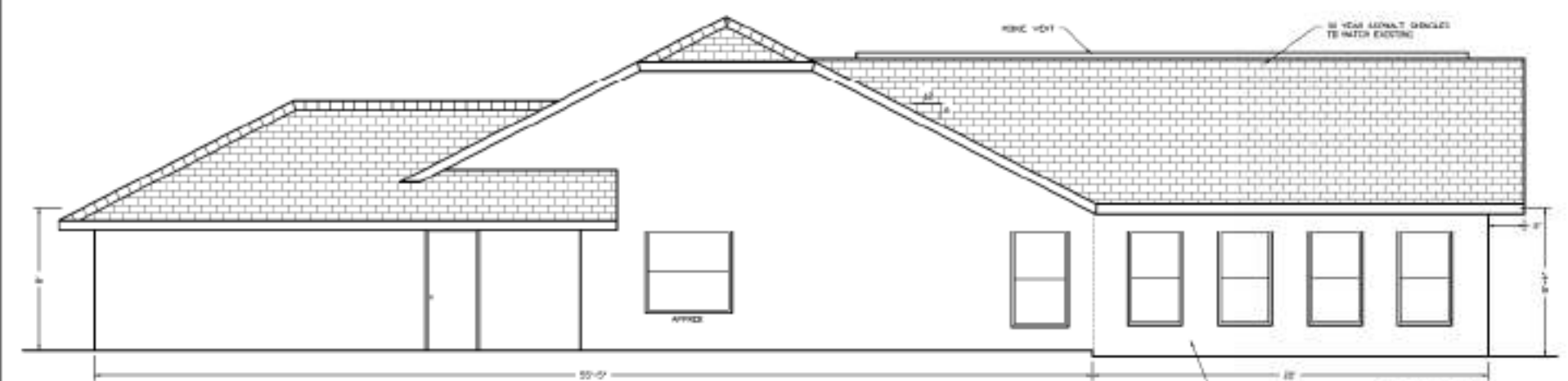
PROPOSED FRONT VIEW
SCALE 1/4" = 1'-0"

PROPOSED BACK VIEW
SCALE 1/4" = 1'-0"

NOTE:
ALL DIMENSIONS LISTED IN PARAGRAPHS
AND SCALE FOR FINISH AND
THEY ARE LEASONS WE SET EXACT.



PROPOSED LEFT VIEW
SCALE 1/4" = 1'-0"



PROPOSED RIGHT VIEW
SCALE 1/4" = 1'-0"

STRUCTURAL CONCRETE:

- 1) PROVIDE CONCRETE TO OBTAIN THE FOLLOWING MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS:

1. FOOTINGS	3,000 PSI
2. SLAB ON GRADE OR FILL	3,000 PSI
3. GIRT FILLED CELLS	3,000 PSI
4. FILLED MASONRY BEAMS	2,000 PSI
5. STRUCTURAL TIE BEAMS ON CH WALLS	3,000 PSI
6. STRUCTURAL TIE BEAMS ON SH WALLS	3,000 PSI
7. STRUCTURAL TIE BEAMS AND BEAMS	3,000 PSI
- 2) REINFORCEMENT SHALL BE #4 OR #5 BARS.
- 3) CONCRETE MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH ACI 308-R-11E, BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE AND ACI 308-R-11E (SECTION 11.1) SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS.
- 4) THE MINIMUM CONCRETE COVER SHALL BE IN ACCORDANCE WITH ACI 308-R-11E, SECTION 11.1.
- 5) ALL SUPPORTS IN CONTACT WITH COVERED SURFACES SHALL BE PLATED TOPPED. ALL ACCESSORIES SHALL BE IN WALLS.
- 6) ALL CONCRETE SHALL BE PLACED AND COMPACTED PROPERLY TO OBTAIN THE DESIRED STRENGTH AND TO SUPPORT ALL REINFORCING IN PLACE. USE VIBE AND TAMP TO SUPPORTS. CONSULT WITH OUR REPRESENTATIVE.
- 7) ALL CONCRETE SHALL CONTAIN AN APPROVED WATER REDUCING PLASTICIZING ADMIXTURE. ALL CONCRETE PERMANENTLY EXPOSED TO THE WEATHER SHALL CONTAIN AN APPROVED NON-CHLORIDE AIR ENTRAINING ADMIXTURE. NO CALCEM CHLORIDE SHALL BE USED IN ANY CONCRETE. NO WATER SHALL BE ADDED AT THE JOB SITE.
- 8) THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN, ORDER AND CONSTRUCTION OF ALL FORMWORK, BRACING AND REINFORCING. PROVIDE SCHEDULED FORM CASTING COMPANIES THAT WILL NOT BEING STRAIN OR APPLICABLE TO CONCRETE SURFACES.
- 9) ALL CONCRETE SHALL BE CONSOLIDATED BY VIBE USING INTERNAL VIBRATOR. DO NOT USE VIBRATORS TO STRIKE CONCRETE AGAIN FORMS.
- 10) NO SLUMP OVER 2" SHALL BE FORFEITED FOR STRUCTURAL CONCRETE.

PRECAST LINTELS:

- 1) ALL PRECAST CONCRETE LINTELS SHALL BE CAST-IN-PLACE OR EQUIVALENT. COORDINATE OPENINGS WITH THE DRAWINGS. REINFORCE AT EACH END WITH 1#4 BARS IN UNREINFORCED CELL CONTIGUOUS FROM THE FOOTING THROUGH THE LINTEL AND INTO THE WALL NEAR THE WALL FACE. THE REINFORCEMENT SHALL BE TIED TO THE WALL REINFORCEMENT.

REINFORCING STEEL:

- 1) ALL REINFORCING STEEL SHALL CONFORM TO STANDARD OF ASTM A631 GRADE 40 UNLESS NOTED OTHERWISE.
- 2) ALL WELDED WIRE FABRICS SHALL CONFORM TO STANDARD OF ASTM A631.
- 3) ALL REINFORCING DETAILS SHALL CONFORM TO MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES (ACI 308-R-11E), UNLESS OTHERWISE SPECIFIED ON THE DRAWINGS.

EPoxy:

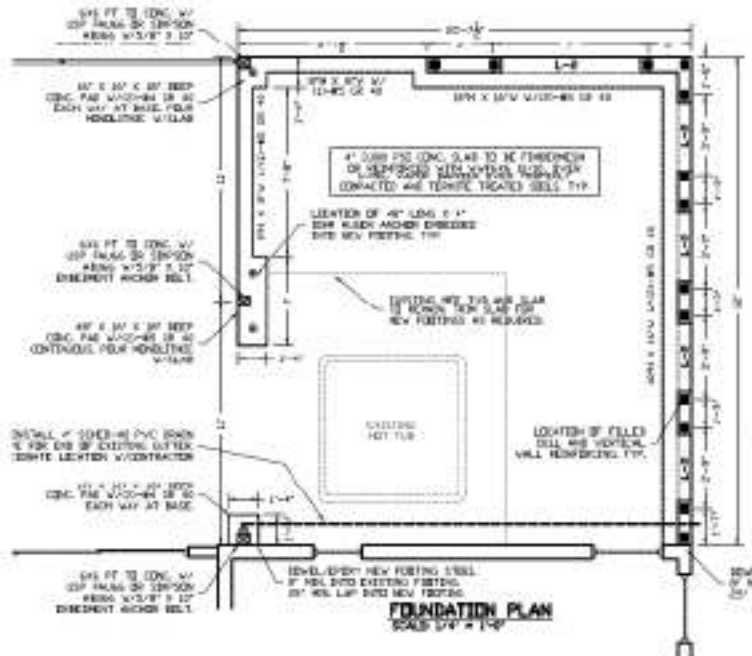
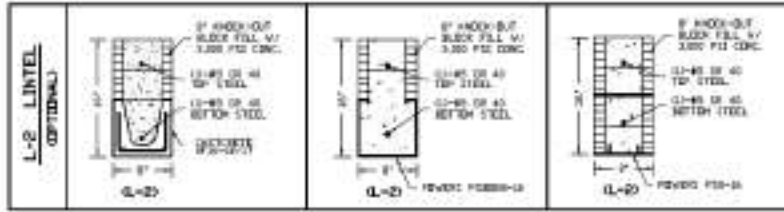
- 1) EPOXY FOR REINFORCING REBAR AND OTHER CONCRETE SHALL BE EPOXY REINFORCING SYSTEMS "BRANDS 3 FORMULA" OR EQUAL.

CONCRETE MASONRY:

- 1) ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530-R-11E) AND SPECIFICATIONS FOR MASONRY STRUCTURES AND SOLENOIDING (ACI 530-R-11E).
- 2) COMPRESSIVE STRENGTH OF THE MASONRY SHALL BE 3,000 PSI OR EXCEED 7% - 800 PSI. IN THE EVENT OF NON-COMPLIANCE, THE MASONRY SHALL BE REBUILT AT THE CONTRACTOR'S EXPENSE.
- 3) CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM TYPE S-1 AND NORMAL WEIGHT. THE COMPRESSIVE STRENGTH OF THE LINTELS SHALL BE 3,000 PSI MINIMUM ON THE NET AREA.
- 4) REBAR SHALL CONFORM TO ASTM A631. TYPE 3 SHALL BE USED FOR ALL VOPS IN CONTACT WITH THE MASONRY. TYPE 3 SHALL BE USED FOR ALL EXTERIOR WALLS AND ALL INTERIOR LONG BEARING WALLS.
- 5) FOR CONCRETE MASONRY THE STRENGTH OF GROUT DETERMINED IN ACCORDANCE WITH THE SPECIFICATIONS FOR CONCRETE SHALL BE 3,000 PSI. GROUT SHALL BE 100% AIR ENTRAINING. GROUT SHALL BE 100% AIR ENTRAINING. GROUT SHALL BE 100% AIR ENTRAINING.
- 6) REINFORCING BARS SHALL CONFORM TO GRADE 40 UNLESS NOTED OTHERWISE.
- 7) REINFORCING BARS SHALL CONFORM TO ASTM A631 AND MANUFACTURED IN A TRUSS TYPE CONFIGURATION. COATING FOR CORROSION PROTECTION SHALL CONFORM TO SECTION 05110 OF THE SPECIFICATIONS.
- 8) WHERE VERTICAL CELLS ARE SHOWN REINFORCED AND FILLED CONTRACT WITH CELLS. ALL OTHER AIR ENTRAINING FOR GROUT-REINFORCED CELLS TO PREVENT THE SPREAD OF GROUT BEYOND GROUTED CELLS.
- 9) SEVERAL MASONRY WALL FLUJ, ACCESSORIES AND OTHER MISCELLANEOUS ITEMS SHALL BE DETAILLED AS THE MASONRY WORK PROGRESSES.
- 10) ALL CORNERS SHALL BE FINISHED WITH THE FOOTING TO THE FINISHED SLAB OR GRADE AND SHALL INCLUDE 1#4 BARS CONTINUOUS AT THE FLOOR LEVEL.
- 11) STONE BLOCKS IN PARALLELS AND CORNERS WITH HEADS.
- 12) USE ALL HEIGHT WITHIN 2' HEIGHT OF HEADS.

STUCCO:

- 1) EXTERIOR STUCCO SHALL BE APPLIED IN 10-10-10 TO THE MASONRY SURFACES.



WOOD FRAMING NOTES

- ALL STRUCTURAL WOOD FRAMING SHALL BE INSTALLED TO MEET THE REQUIREMENTS OF THE 2009 IRC.
- ALL TRUSS CONNECTIONS SHALL BE INSTALLED TO MEET MANUFACTURER'S SPECIFICATIONS AND SHALL BE APPROVED BY THE STATE OF FLORIDA.
- ALL TRUSS TOE PLATES SHALL BE LAPPED A MINIMUM OF 4" AND CONNECTED TO THE TRUSS CHORD.
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WOOD TRUSS NOTES

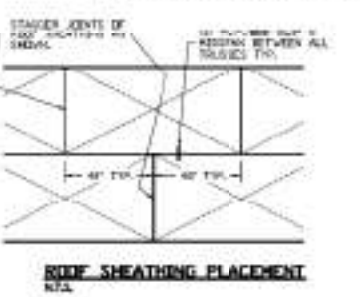
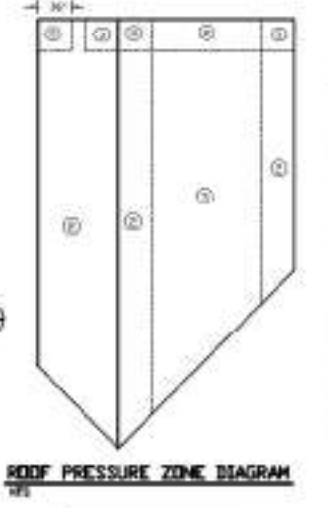
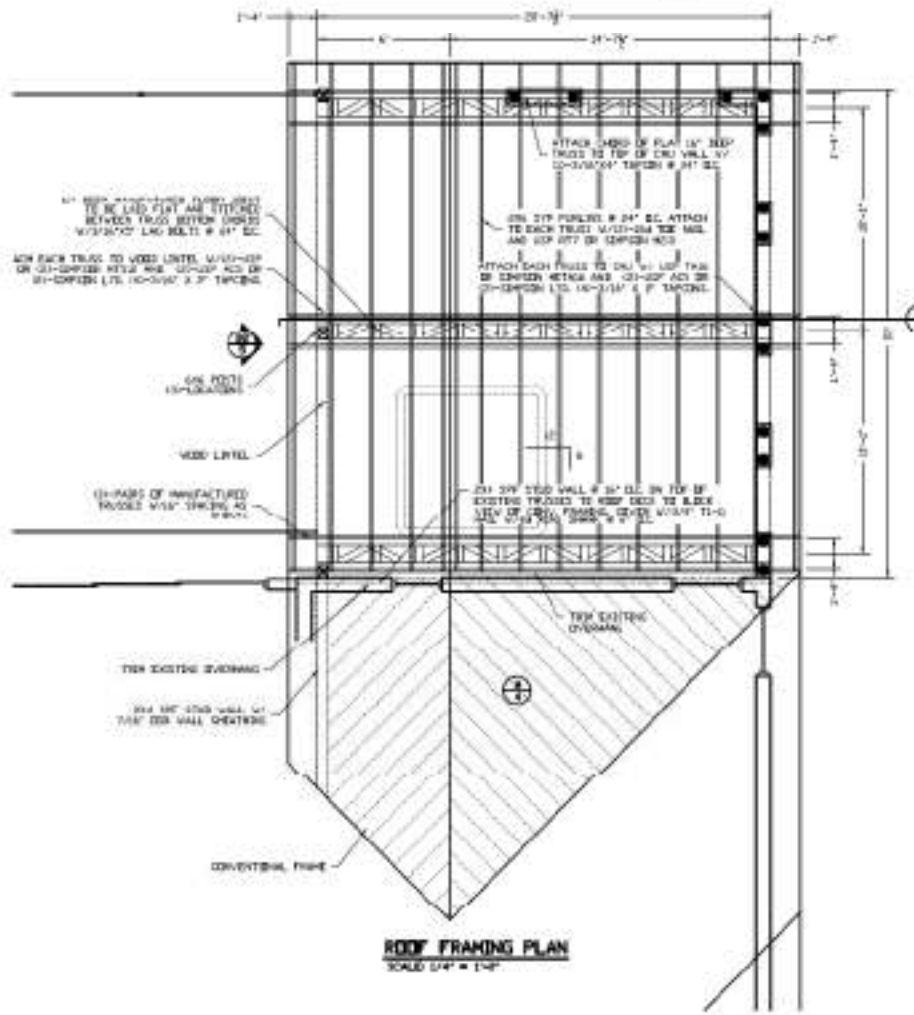
- ALL MANUFACTURED ROOF & FLOOR TRUSS SYSTEMS SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED BY THE STATE OF FLORIDA. SHOP DRAWINGS AND CALCULATIONS TO BE SUBMITTED AND SEALED BY THE ENGINEER.
- ALL TRUSSES TO BE INSTALLED PER APPLICABLE PROVISIONS OF THE FLORIDA BUILDING CODE. ALL TRUSS TOE PLATES SHALL BE LAPPED A MINIMUM OF 4" AND CONNECTED TO THE TRUSS CHORD.
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- ALL TRUSS TOE PLATES SHALL BE LAPPED A MINIMUM OF 4" AND CONNECTED TO THE TRUSS CHORD.

STEEL CONNECTOR NOTES

- ALL STEEL CONNECTORS SHALL BE INSTALLED IN STRICT COMPLIANCE WITH MANUFACTURER'S SPECIFICATIONS AND SHALL BE APPROVED BY THE STATE OF FLORIDA.
- ALL STEEL CONNECTORS SHALL BE INSTALLED IN STRICT COMPLIANCE WITH MANUFACTURER'S SPECIFICATIONS AND SHALL BE APPROVED BY THE STATE OF FLORIDA.

ASPHALT SHINGLE NOTES

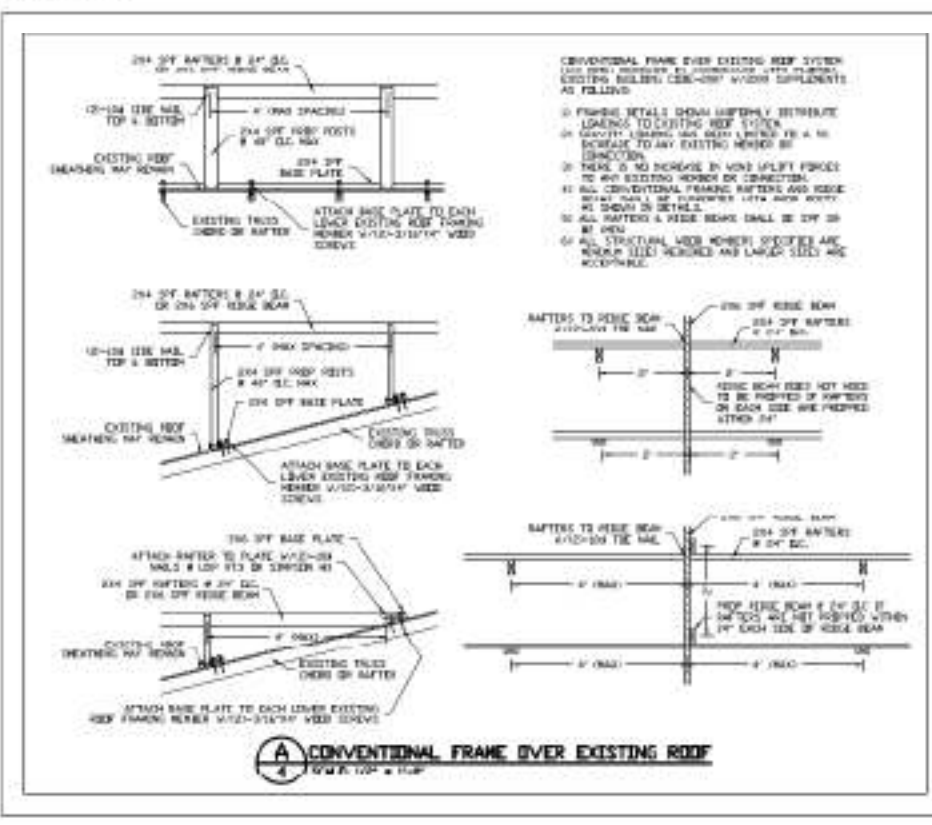
- ASPHALT SHINGLES SHALL BE INSTALLED TO MEET THE REQUIREMENTS OF THE 2009 IRC.
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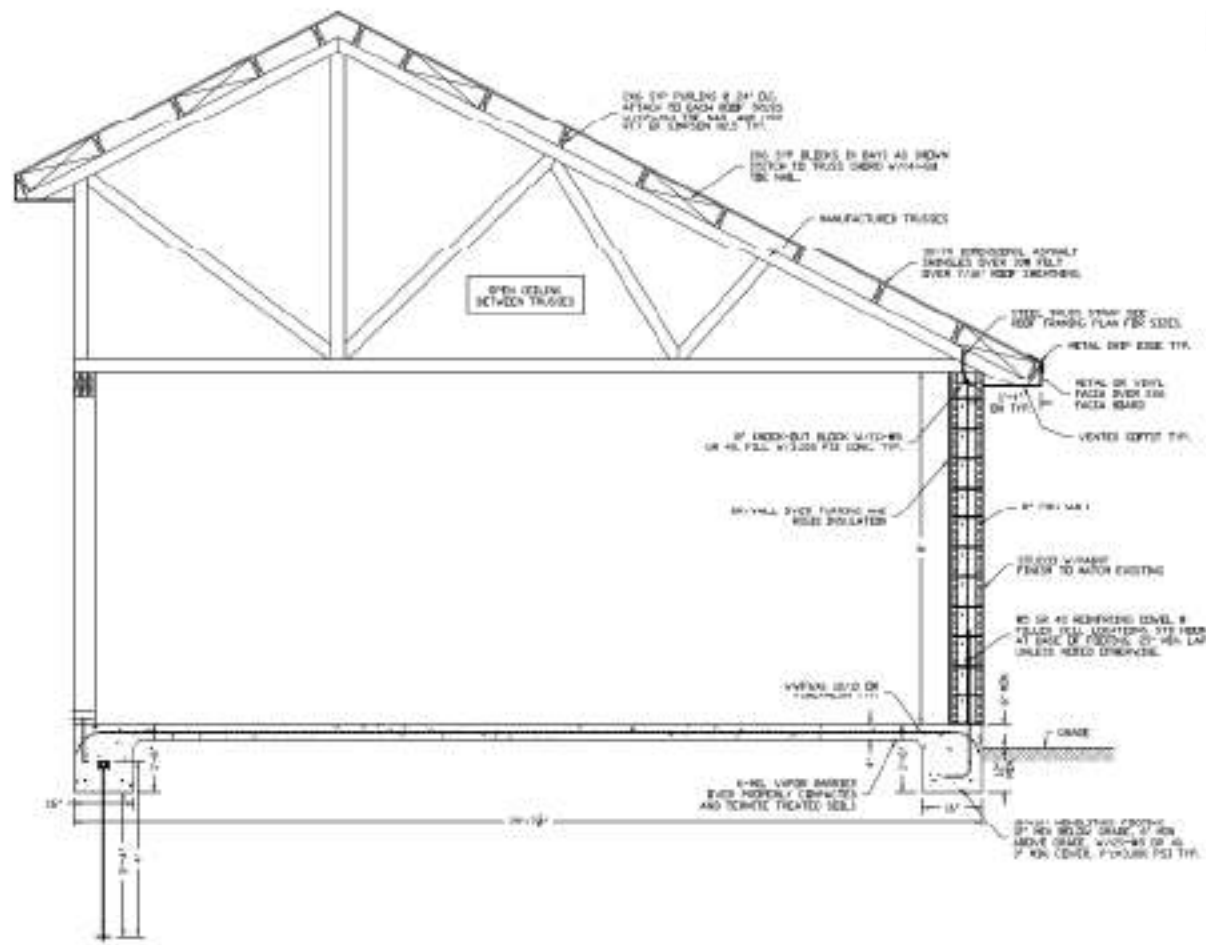


THE ROOF FRAMING PLAN IS A GUIDELINE FOR TRUSS MANUFACTURERS. THE EXACT TRUSS & SHEATHING PLACEMENT SHALL BE DETERMINED BY TRUSS MANUFACTURER. SHOP DRAWINGS SHALL BE SUBMITTED AND SEALED BY THE ENGINEER.

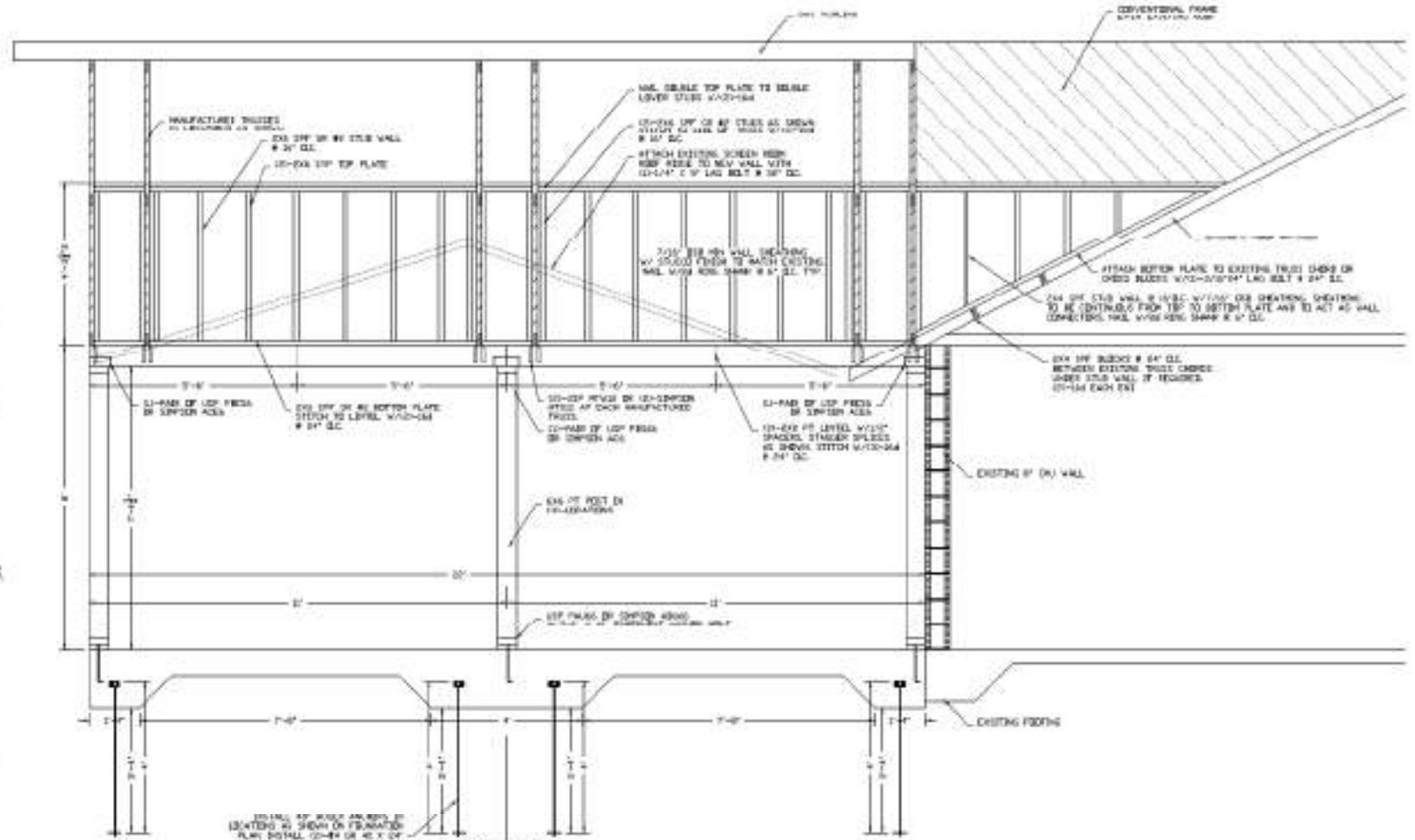
TRUSS CONNECTOR SCHEDULE (SEE NOTES FOR DETAILS)

- ALL TRUSS TOE CONNECTIONS SHALL BE INSTALLED TO MEET MANUFACTURER'S SPECIFICATIONS AND SHALL BE APPROVED BY THE STATE OF FLORIDA.
- ALL TRUSS TOE CONNECTIONS SHALL BE INSTALLED TO MEET MANUFACTURER'S SPECIFICATIONS AND SHALL BE APPROVED BY THE STATE OF FLORIDA.





B1 BUILDING SECTION
SCALE 1/2" = 1'-0"



B2 BUILDING SECTION
SCALE 1/2" = 1'-0"

VARIOUS PRODUCT APPROVALS

STRUCTURAL ITEM	FL. PER. APPROVAL NUMBER
CONCRETE PRECAST LINTELS	FL330
POWERS STEEL LINTELS	FL337
ALPINE TRUSS PLATES	FL399
WIDE TRUSS PLATES	FL397
ROOFING TRUSS PLATES	FL398
STV BUILDING TAPCON	MSR 0318120

STRUCTURAL ITEM	FL. PER. APPROVAL NUMBER	EQUIVALENT	FL. PER. APPROVAL NUMBER
EMFSON AR66	FL47051	USP PR666	FL3053
EMFSON AC6	FL47424	USP PR666	FL30310
EMFSON AC6S	FL47425	USP PR666	FL30318
EMFSON H6S	FL47423	USP H67	FL30255
EMFSON H6	FL47426	USP H63	FL3053
EMFSON L6S	FL47422	USP AC5	FL3053
EMFSON H6266	FL39641	USP TR65	D.17020
EMFSON H626	FL40435	USP H626	FL30241

NOTES:
 1. ALL CONNECTORS SHOWN ON PLANS HAVE BEEN CHECKED BY DESIGN CREDIT TO "CONCRETE" OR "STEEL" OR "WOOD" TO BUILDING CONNECTORS THAT HAVE BEEN LONG CARRYING. RESULTS ARE PUBLISHED BY ICF BY EMFSON CORPORATION AND ARE OF REGULAR GEOMETRY AND HAVE VALID FLORIDA PRODUCT APPROVAL. NUMBER MAY BE SUBSTITUTED FOR THOSE CHECKED BY ENGINEER.

DATE: 9/7/21
 DRAWN BY: JSA
 JOB NUMBER: 11-1-103

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 (407) 487-4820

CONSTRUCTION DETAILS

ROOM ADDITION
 CITRUS COUNTY, FL

JOB NAME:
 SHEET 5 OF 5