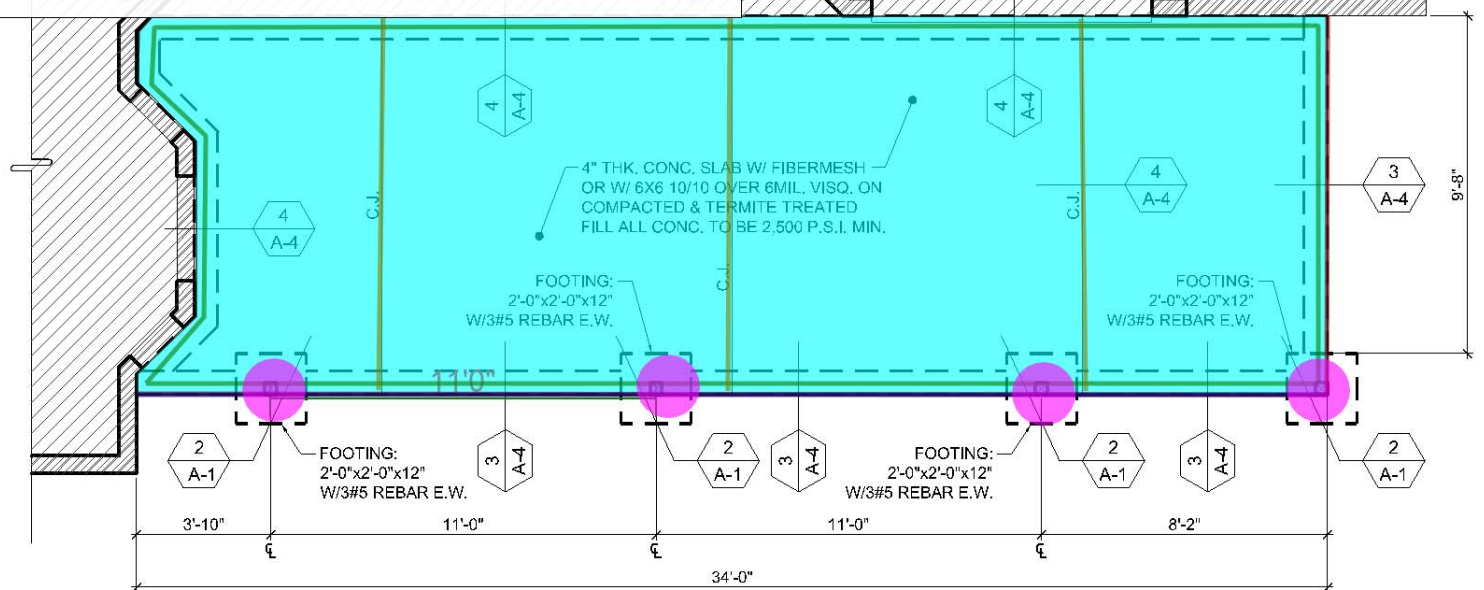
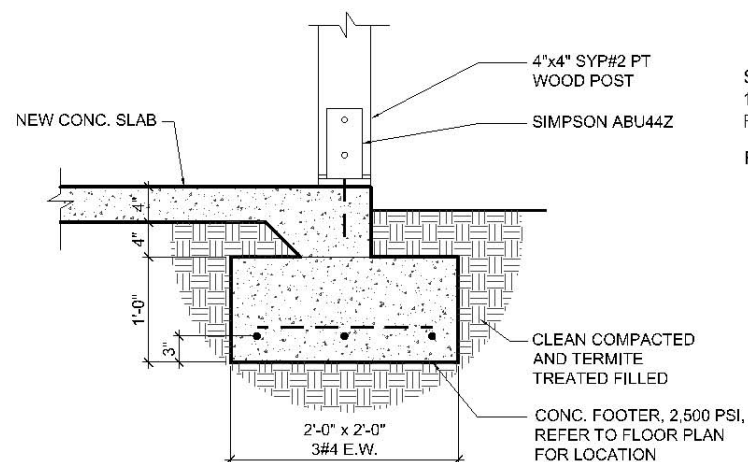


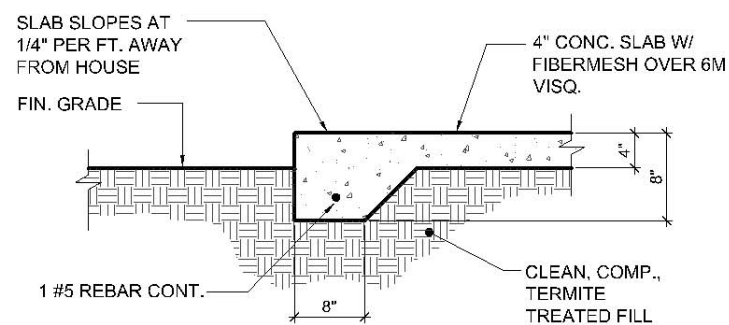
- concrete slab 4" 354.9 SQ FT
formwork for concret... 44.7 FT
thickened slab portion 88.3 FT
CJ 32.0 FT
beam 34.0 FT
4x4 posts 4.0



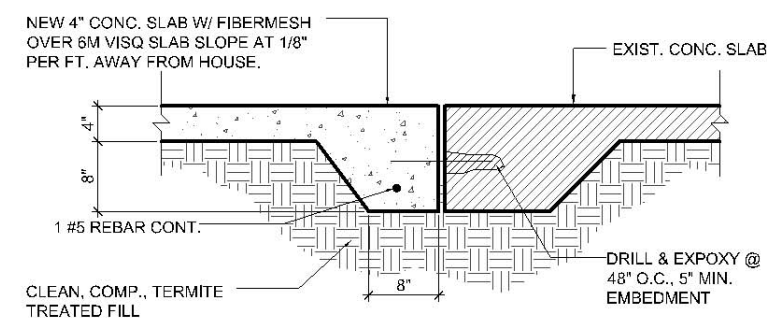
1 PARTIAL
FOUNDATION PLAN
SCALE : 3/16"=1'-0"



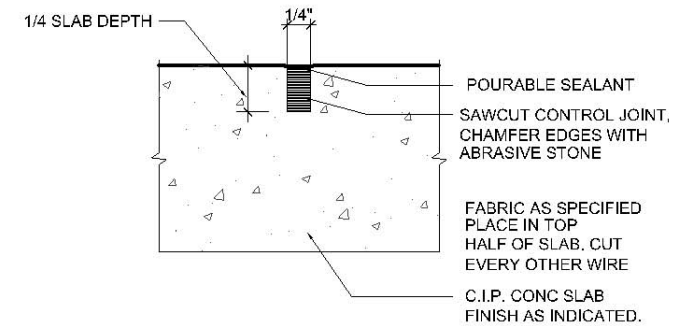
2 POST / FOOTER DETAIL
SCALE : 3/4"=1'-0"



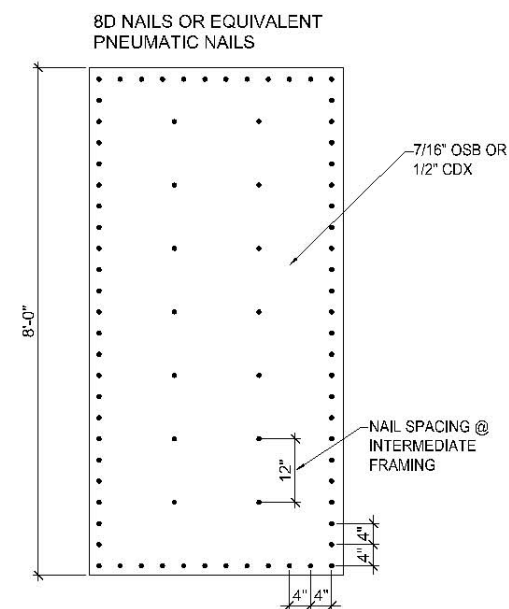
3 PATIO THICKENED EDGE DETAIL
SCALE : 3/4"=1'-0"



4 EXISTING TO NEW
CONNECTION DETAIL
SCALE : 3/4"=1'-0"



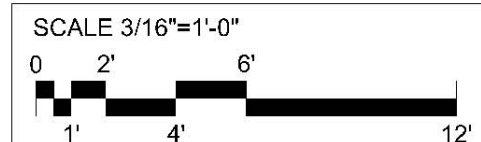
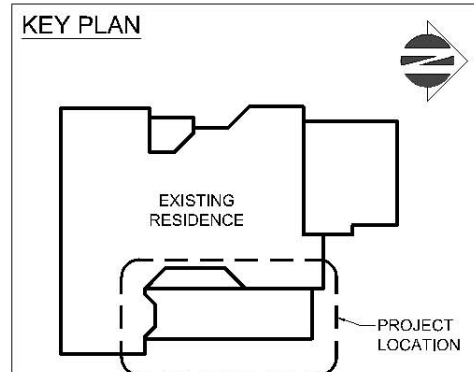
4 SLAB CONTROL JOINT DETAIL
SCALE : 3"=1'-0"



5 EXT. NAILING
PATTERN DETAIL
NOT TO SCALE

EXTERIOR WALL SHEATHING
NAILING PATTERN DETAIL
USE 8d COMMON NAILS AT THE FOLLOWING SPACING:
1) 4" ON CENTER AT ALL PANEL EDGE FRAMING
2) 12" ON CENTER AT ALL INTERMEDIATE FRAMING
NOTE:
BLOCKING REQUIRED AT ALL WALL PANEL EDGES

LEGEND
EXISTING TO REMIAN



REVISIONS	BY

THE CONTRACTOR SHALL CHECK AT THE SITE ALL DIMENSIONS AND DIMENSIONS SHOWN ON DRAWINGS AND SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES THAT MAY APPEAR. THE CONTRACTOR SHALL NOT PROCEED WITH THE WORK AFFECTED THEREBY UNTIL THE ENGINEER HAS CORRECTED THE DISCREPANCY.

PROJECT NEW COVERED LANAI
Jeffrey & Loyola Bailey
LOCATION: 3011 BLAKELY DR.,
ORLANDO, FL 32835
PROPERTY ID: 02-23-28-9085-00-340

ARCHITECT OF RECORD
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HERNANDO CASTANO
FLA. LIC. # AR98618
THIS STRUCTURE HAS BEEN DESIGNED TO WITHSTAND THE FORCES GENERATED BY 145 MPH WINDS PLUS THREE SECOND GUST FACTOR IN COMPLIANCE WITH SECTION 1609 OF 2020 FLORIDA BUILDING CODE. REVISIONS, AND SUPPLEMENTS

DATE 08/17/23	DESIGN BY RL
SCALE AS NOTED	CHECKED BY HC
SHEET SIZE 11"x17"	DRAWN BY RL
JOB # 15-20230817-01	

SHEET
A-4

REVISIONS	BY

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DATE 08/17/23	DESIGN BY RL
SCALE AS NOTED	CHECKED BY HC
SHEET SIZE 11"x17"	DRAWN BY RL
JOB # 15-20230817-01	

SHEET A-5

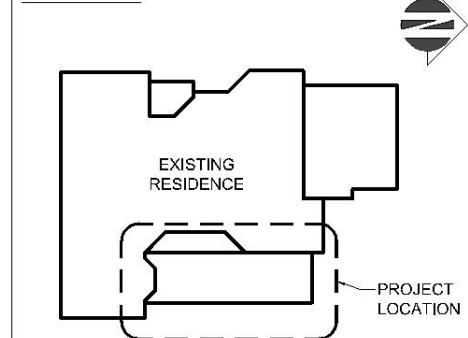
WOOD NOTES:

- ALL WOOD FRAMING SHALL BE DESIGNED, DETAILED AND FABRICATED IN ACCORDANCE WITH THE PROCEDURES AND REQUIREMENTS OUTLINED IN THE LATEST EDITION OF THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION.
- FOR STRUCTURAL LUMBER, PROVIDE THE FOLLOWING GRADE AND SPECIES (EQUIVALENT OR BETTER) U.O.N.: SOUTHERN PINE OR SPRUCE PINE FIR SURFACES DRY USED AT 19% MAX. M.C. GRADE NO. 2.
- ALL WOOD FRAMING IN DIRECT CONTACT WITH EARTH OR CONCRETE TO BE PRESSURE TREATED. THE USE OF METAL SEAT PLATES IN LIEU OF PRESSURE TREATED WOOD IS ACCEPTABLE.
- PROVIDE GALVANIZED METAL HANGERS AND FRAMING ANCHORS OF THE SIZE AND TYPE AS SHOWN IN THESE DOCUMENTS, CONNECT AS PER MANUFACTURER RECOMMENDATIONS. (SIMPSON STRONG TIE OR EQUIVALENT)
- ALL BOLTS USED FOR WOOD CONSTRUCTION SHALL BE A MINIMUM OF 7" MINIMUM EMBED (U.O.N. IN PLANS).
- PROVIDE FRAMING MEMBERS OF SIZES AND OF SPACING SHOWN, OR IF NOT SHOWN, COMPLY WITH THE RECOMMENDATIONS OF THE FLORIDA BUILDING CODE, LATEST EDITION.
- DO NOT SPLICE STRUCTURAL MEMBERS BETWEEN SUPPORTS.
- PROVIDE ANCHORAGE AND NAILING FOR MEMBERS AND SHEATHING AS SHOWN IN THE DWG'S AND TO COMPLY WITH THE FLORIDA BUILDING CODE, LATEST EDITION.

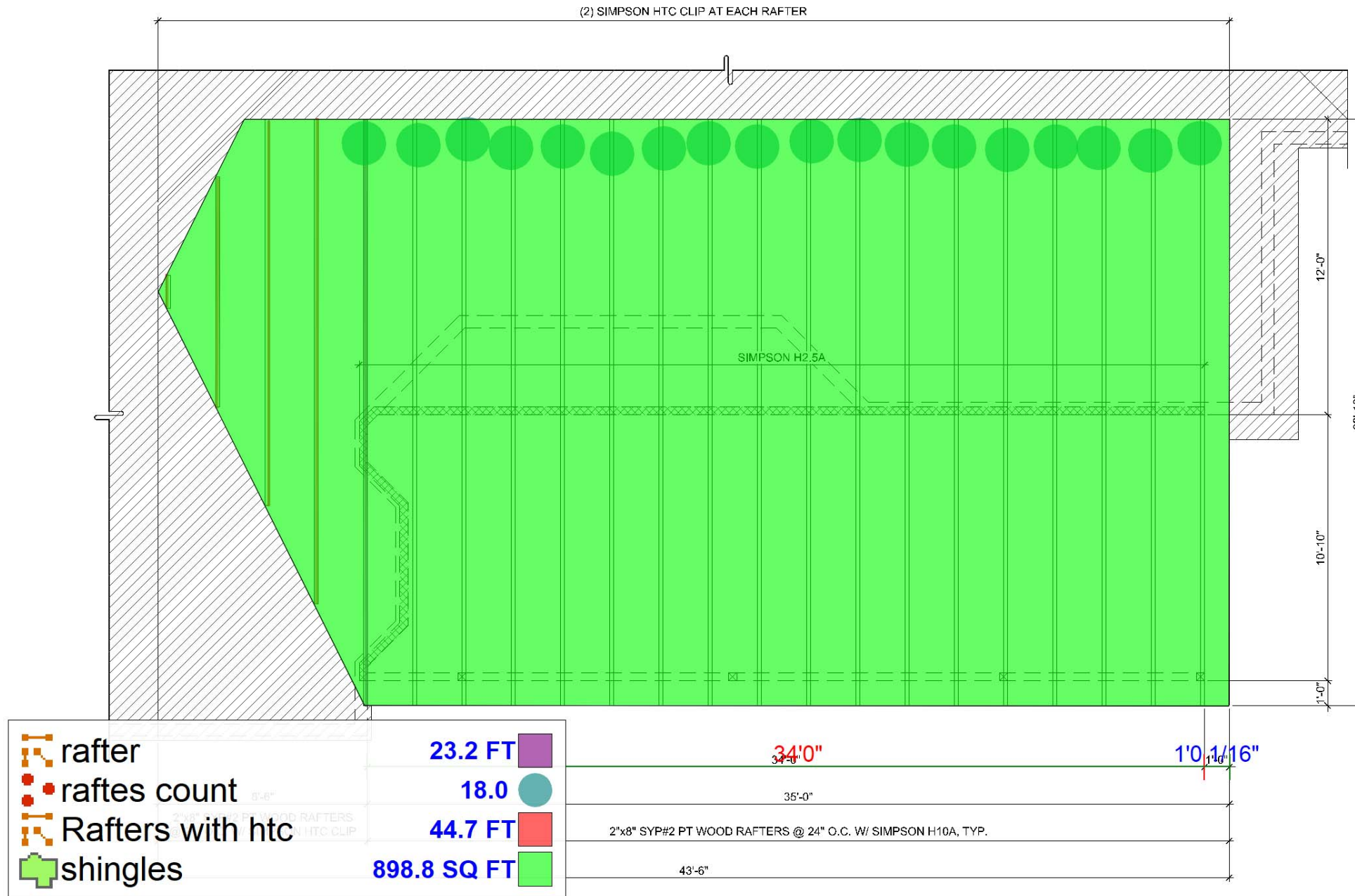
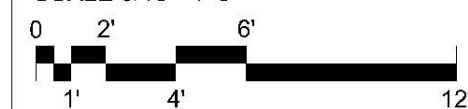
LEGEND

-  EXISTING TO REMIAN
-  2"x4" SYP#2 PT WOOD @ 16" O.C. KNEE WALL

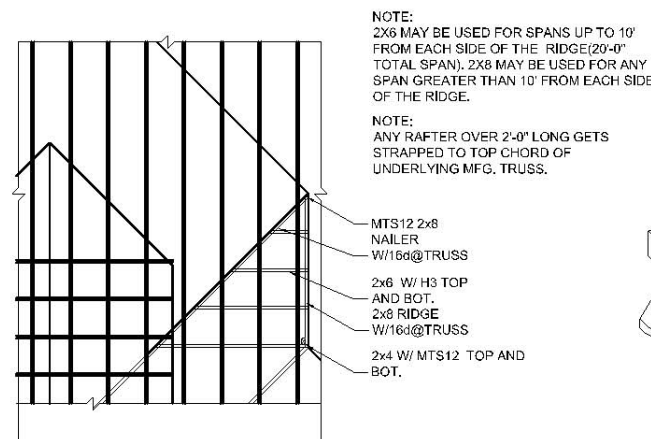
KEY PLAN



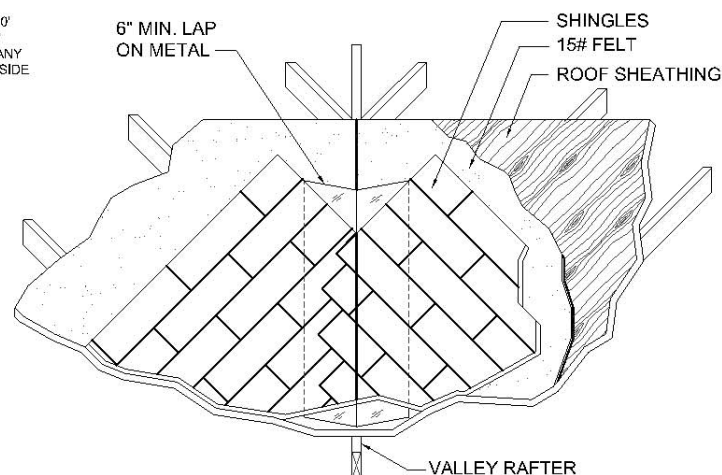
SCALE 3/16"=1'-0"



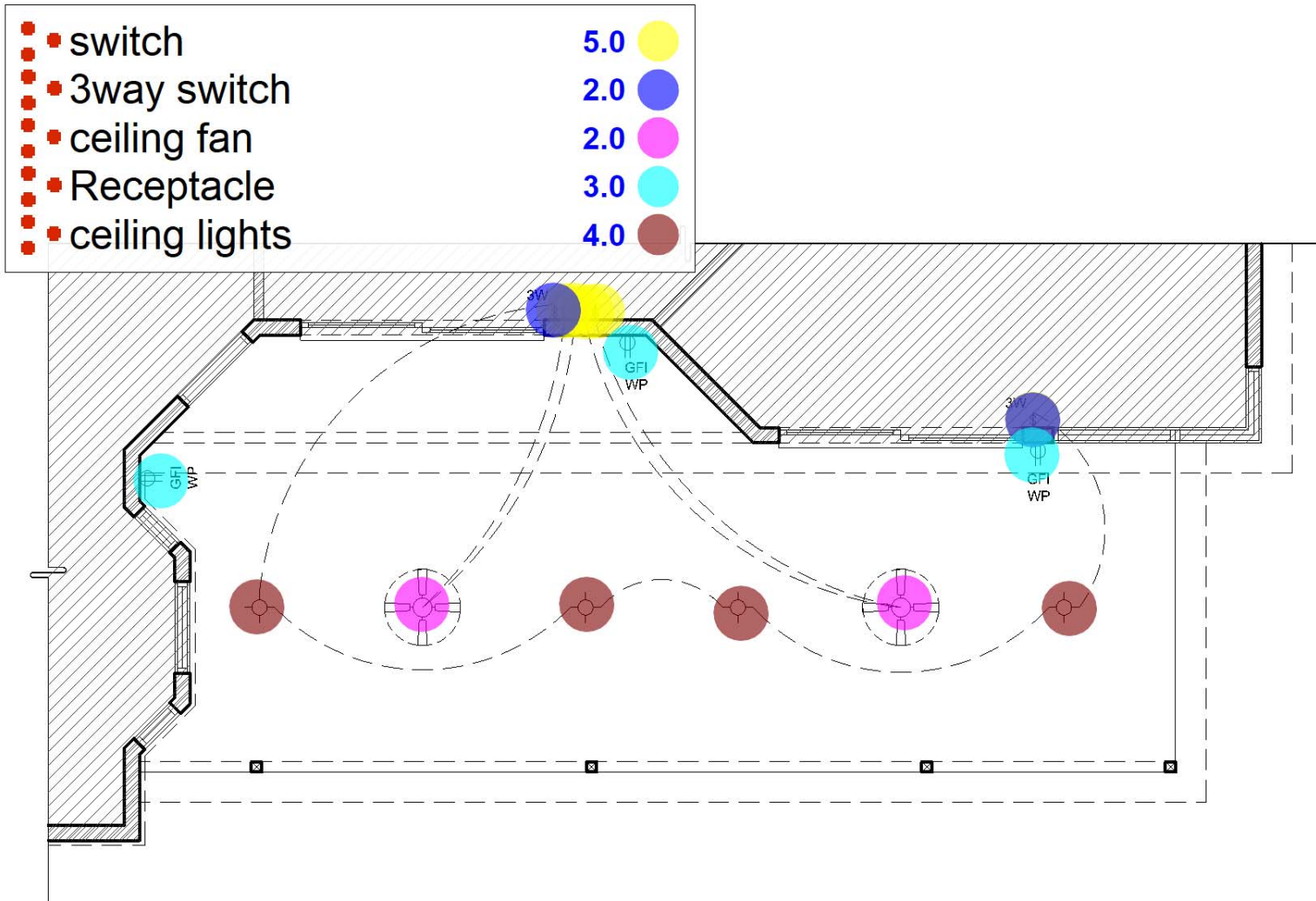
1 PARTIAL
ROOF FRAMING PLAN
SCALE : 3/16"=1'-0"



2 VALLEY FRAMING DET.
NOT TO SCALE

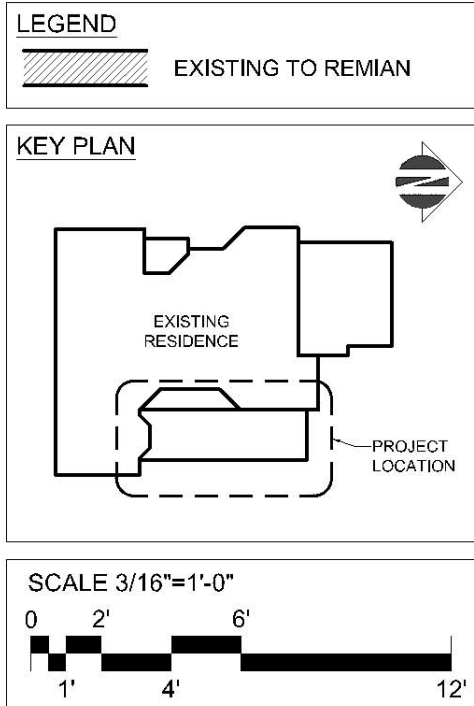


3 FLASHING DETAIL
NOT TO SCALE



1
A-6
PARTIAL
ELECTRICAL LAYOUT FLOOR PLAN
SCALE : 3/16"=1'-0"

GENERAL ELECTRICAL NOTES:
CONNECT NEW ELECTRICAL FIXTURES
TO EXISTING ELECTRICAL PANEL.



ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
	CEILING MOUNTED LIGHT
	RECESSED LIGHT
	WALL MOUNTED LIGHT
	PENDANTS LIGHT
	CHANDELIER
	CEILING FAN
	WALL MOUNTED MULTI-LIGHT FIXTURE
	TRACK LIGHT
	FLUORESCENT LIGHT
	SPOT LIGHT
	EXHAUST FAN
	FAN / LIGHT COMBINATION
	DOORBELL CHIME
	PUSH BOTTOM
	WALL SWITCH
	3 WAY SWITCH
	DIMMER SWITCH
	DUPLEX RECEPTACLE
	220 V RECEPTACLE
	1/2 HOT, 1/2 SWITCHED RECEPTACLE
	WEATHER PROOF RECEPTACLE
	FLOOR RECEPTACLE
	GROUND FAULT INTERRUPT
	PRE-WIRED FOR CEILING FAN
	PRE-WIRED GARAGE DOOR OPENER
	CABLE JACK
	TELEPHONE JACK
	METER
	ELECTRICAL PANEL
	DISCONNECT SWITCH
	SMOKE DETECTOR & CARBON MONOXIDE COMBO
	GARBAGE DISPOSAL MOTOR

GENERAL STRUCTURAL NOTES

MAX. SPACING OF FILLED CELLS:

USE 8'-0" HORIZ. SPACING - 9'-4" CEILING MAX.

USE 6'-0" HORIZ. SPACING - 10'-0" TO 12'-8" CEILING MAX.

USE 6'-0" HORIZ. SPACING - 12'-8" TO 18" CEILING MAX. &

ADD LINTEL W/ (1) #5 CONT. @ 9'-4" HGT. (+/- 8")

FOUNDATION NOTES:

1. SEE FLOOR PLAN FOR FILLED CELL LOCATIONS.

2. ALL INTERIOR DIMENSIONS ARE BASED FROM THE OUTER EDGE OF THE FOUNDATION SLAB.

3. ALL SOIL UNDER SLAB AND FOOTINGS SHALL BE TREATED FOR

4. ALL REINFORCING STEEL LAPS SHALL BE 60 BAR DIAMETER MIN.

5. CONCRETE FOR SLAB AND FOOTERS SHALL HAVE A MIN. COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS.

6. CONCRETE (GROUT) FOR LINTELS AND FILLED CELLS SHALL HAVE A MIN. COMPRESSIVE STRENGTH 3000 PSI AT 28 DAYS.

7. MORTAR SHALL BE TYPE S.

8. ALL EXTERIOR WALLS ASSUMED TO BE CMU U.N.O.

9. ALL ANGLES ASSUMED TO BE 45 DEGREES U.N.O.

PLUMBING NOTES:

1. WATER HEATER TEMPERATURE & PRESSURE RELIEF VALVE

SHALL BE VENTED FULL SIZED TO EXTERIOR OF STRUCTURE.

2. WATER HEATER AT MAIN FLOOR LEVEL OR ABOVE SHALL

BE IN A PAN W/ DRAIN TO EXTERIOR OF STRUCTURE.

STRUCTURAL NOTES:

1. ALL FOOTINGS ARE DESIGNED BASED UPON THE MINIMUM SOIL BEARING CAPACITY BEING 2,000 P.S.F. ANY LESSER AMOUNT SHALL BE THE OWNERS RESPONSIBILITY SOIL TEST ARE RECOMMENDED TO BE OBTAINED BY OWNER OR CONTRACTOR BEFORE STARTING CONSTRUCTION. IF THE RESULT OF THE SOIL TEST SHOW THE SOIL BEARING TO BE LESS THAN 2,000 P.S.F/ THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY THIS SECTION IS DESIGNED TO MEET OR EXCEED THE REQUIREMENTS, STANDARD FOR HURRICANE RESISTANT CONSTRUCTION ISSUED BY SBCCI EDITION AND FBCR 2020

2. ALL REINFORCING STEEL SHALL BE NEW BILLET STEEL MINIMUM GRADE 60 AND IDENTIFIED IN ACCORDANCE WITH ASTM A615, A616, A617 OR A706. U.N.O.

3. CONCRETE MASONRY UNITS SHALL BE IN ACCORDANCE WITH ASTM C30 OR C145 WITH MINIMUM NET AREA COMPRESSIVE STRENGTH OF 1900 P.S.I.

4. MORTAR SHALL BE TYPE M OR S IN ACCORDANCE WITH ASTM C270.

5. GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 P.S.I. AT 28 DAYS IN ACCORDANCE W/ ASTM C1019 OR ASTM C476.

6. FILL FOR FLOOR SLABS SHALL BE PLACED IN 12" LAYERS AND ROLLED AND/OR COMPACTED TO MINIMUM FIELD DENSITY OF 95% AS MEASURED BY THE "MODIFIED PROCTOR TEST PER AASHTO T-180". ALL FILL SHALL BE CLEAN SAND, FREE OF ORGANIC OR OTHER DELETERIOUS MATERIALS.

7. ALL MASONRY OPENINGS TO BE PRECAST UNLESS NOTED OTHERWISE.

8. REINFORCEMENT BAR SPLICES
#5 BAR - 25" MIN. OTHER.
#7 BAR - 35" MIN. W.W.F. - 15" MIN.

9. WINDOW & DOOR BUCK ATTACHMENTS ARE DESIGNED TO

140 M.P.H. WINDS

10. ALL INTERIOR BEARINGS WALLS TO BE #3 KD S.Y.P. OR #2 S.P.F. U.N.O.

11. ALL WOOD STRUCTURAL MEMBERS SHALL BE CONTROLLED STRESS GRADE LUMBER HAVING A FIBER STRESS OF AT LEAST 1200 PSI (Fb)

12. TRUSS CONNECTORS SHOWN ON THESE DRAWINGS HAVE BEEN SELECTED BASED ON LOADING ASSUMPTIONS BY THE TRUSS DESIGNER AND AS OUTLINED IN SSTO 10-96

13. ALL DETAILS AND SECTIONS SHOWN ON THE DRAWING ARE INTENDED TO BE TYPICAL, AND SHALL BE CONSTRUED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE ON THE PROJECT, EXCEPT WHERE A DIFFERENT DETAIL IS SHOWN.

■ - DENOTES #5~ ROD IN FILLED CELL
FTG. UP TO LINTEL BLOCK ON TOP OF WALL

FLORIDA
PUERTO RICO
407-575-7156
rlucenas@yahoo.com

**THE
CAD
SHOP**

REVISIONS	BY

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SHEET
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