

# 2913 (A,B,C,D)

## AQUAMARINE PARADISO GRANDE

A) 40' X 60', B) 40' X 60'8, C) 40' X 60'8

REVISION SCHEDULE			
NO.	DATE	DESCRIPTION	BY
0	04-09-21	-THESE PLANS CREATED USING 2141 SANTA CLARA PLANS DATED 03-04-21 PROVIDED BY PSH	DE
1	06-25-21	-REVISED 2ND FLOOR EXTERIOR FINISH FROM STUCCO TO SMOOTH PANEL BOARD	DH
		-REVISE ALL ARCH SOFFITS TO FLAT	
		-CODE UPDATED TO FBCR 2020, 1TH ED. 4 NEC 2017	
2	11-16-21	-INTERIOR DOORS CHANGED TO 6/8 ILO 8/0 1ST FLOOR ONLY	RN
3	03-06-23	-DELETE ALL TOWEL BARS & RELOCATE PT HOLDERS ON SECONDARY BATHS	ME
4	06-20-23	-UPDATE FIRE ALARM PER BULDER'S REQUEST	ME
5	06-20-23	-ADD TILE IN MASTER WALK IN CLOSET	ME
6	09-29-23	-DELETE HEIGHT TO ALL INTERIOR DR'S	ME
7	13-02-24	-ADD ELECTRICAL CHANGES REQUESTED BY NL	ME
8	04-09-24	-DELETE GARAGE STEP, TOWEL BARS & PAPER HOLDERS	ME
9	04-22-24	-APPLIED MODEL WALK CHANGES - PER JK. -APPLIED FBC 2023 -8TH EDITION CODE UPDATE	TR
10	05-23-24	-ADD ON-Q PANEL	ME
11	11-20-24	-ADD GAME ROOM OPTION	ME
12	01-17-25	-UPDATED ELEV D FRONT PORCH PER COUNTY COMMENTS	TR
13	08-07-25	-APPLIED MODEL WALK COMMENTS: DATED 08/06/25	TR
14	08-20-25	- CHANGE GAME RM WDW'S FOR ELEV'S B & C TO (3) 3030FG. 8/20/25	ME

### SHEET INDEX- ELEVATION "A"

00	COVER SHEET
01A.0	FOUNDATION PLAN
02A.0	FLOOR PLAN W/ DIMENSIONS
03A.0	FLOOR PLAN W/ NOTES
04A.0	UPPER FLOOR PLAN W/ DIMENSIONS
05A.0	UPPER FLOOR PLAN W/ NOTES
06A.0	EXTERIOR ELEVATIONS- FRONT/ REAR
07A.0	EXTERIOR ELEVATIONS- LEFT/ RIGHT
08	CROSS SECTION AND INTERIOR ELEVATIONS
09.0	ELECTRICAL PLAN
10	UPPER ELECTRICAL PLAN
11A.0	TRUSS LAYOUT
12A.0	UPPER TRUSS LAYOUT
13A.0	PRECAST LINTEL LAYOUT
14	TYPICAL DETAILS/CONNECTOR SCHEDULE
15	TYPICAL DETAILS
16	TYPICAL DETAILS
17	TYPICAL DETAILS
18	TYPICAL DETAILS
D1	TYPICAL STRUCTURAL DETAILS
D2	TYPICAL STRUCTURAL DETAILS
D3	TYPICAL STRUCTURAL DETAILS
D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL DETAILS
D6	SOFFIT DETAILS

### SHEET INDEX- ELEVATION "B"

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01B.0	FOUNDATION PLAN
02B.0	FLOOR PLAN W/ DIMENSIONS
03B.0	FLOOR PLAN W/ NOTES
04B.0	UPPER FLOOR PLAN W/ DIMENSIONS
05B.0	UPPER FLOOR PLAN W/ NOTES
06B.0	EXTERIOR ELEVATIONS- FRONT/ REAR
07B.0	EXTERIOR ELEVATIONS- LEFT/ RIGHT
08	CROSS SECTION AND INTERIOR ELEVATIONS
09.0	ELECTRICAL PLAN
10	UPPER ELECTRICAL PLAN
11B.0	TRUSS LAYOUT
12B.0	UPPER TRUSS LAYOUT
13B.0	PRECAST LINTEL LAYOUT
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D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL DETAILS
D6	SOFFIT DETAILS

### SHEET INDEX- ELEVATION "C" & "D"

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01C.0	FOUNDATION PLAN
02C.0	FLOOR PLAN W/ DIMENSIONS
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THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

DATE 04-09-21  
SCALE AS NOTED  
DRAWN RDC  
JOB 2913  
SHEET 00 OF SHEETS

AQUAMARINE  
PARADISO GRANDE

COVER SHEET

Park Square HOMES

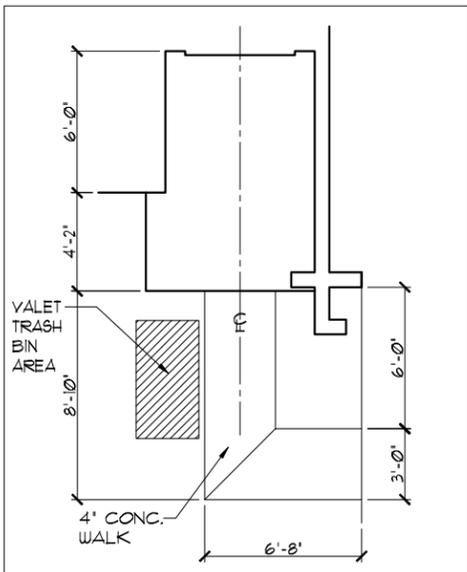
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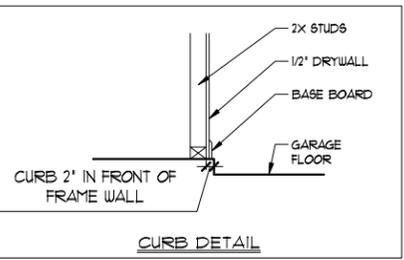
REVISIONS BY

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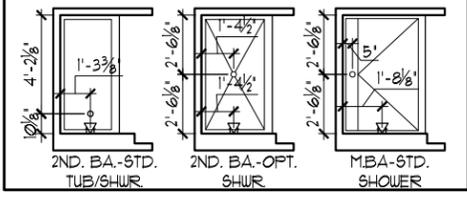
**SIDEWALK LAYOUT**  
 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



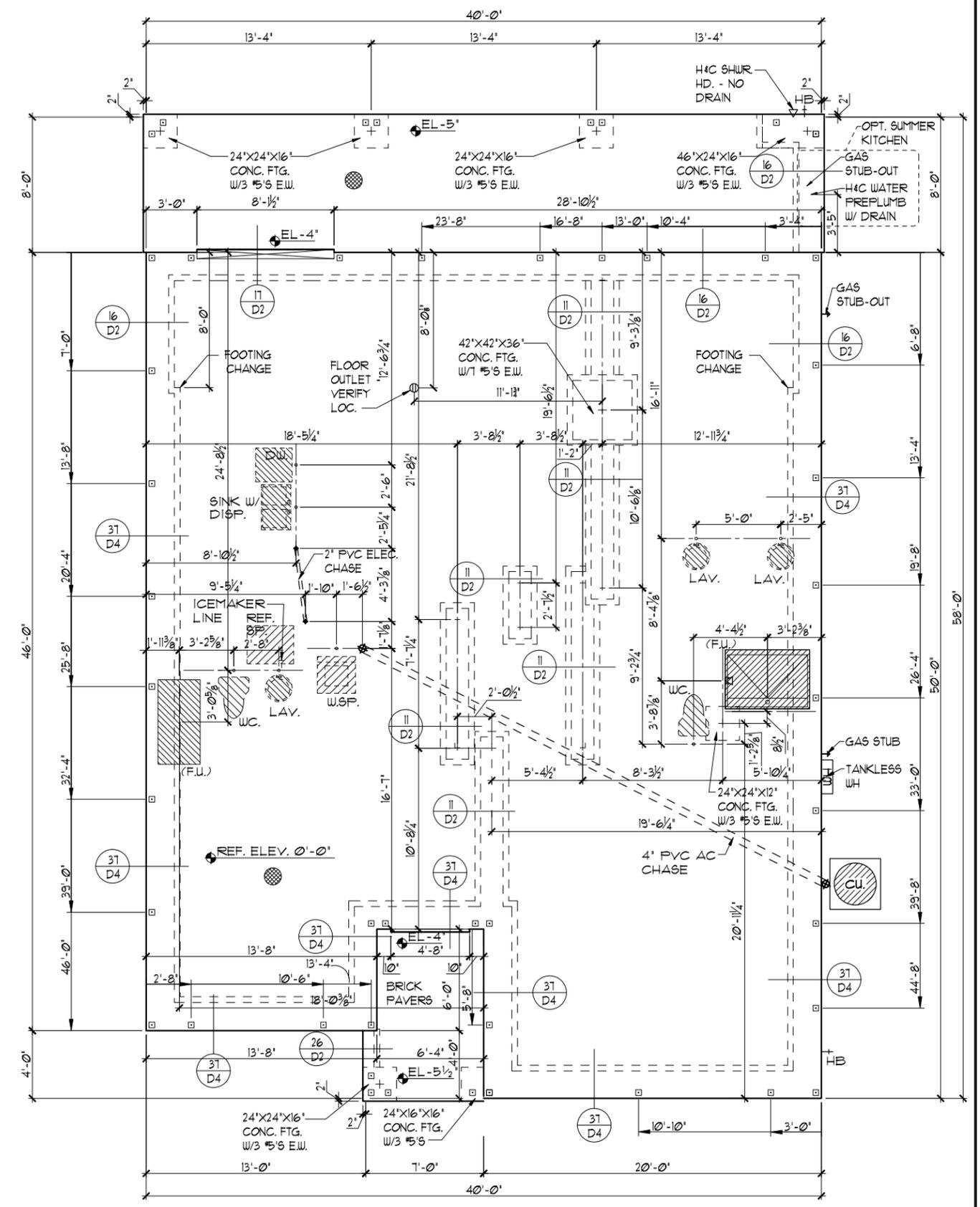
**CURB DETAIL**

**FOUNDATION NOTES**

- CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
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**FOUNDATION PLAN "A"**  
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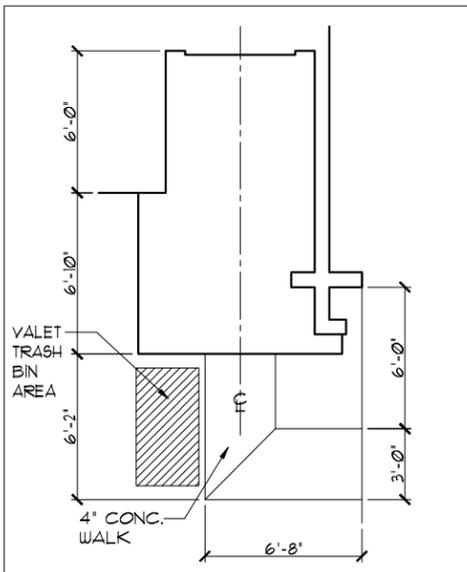
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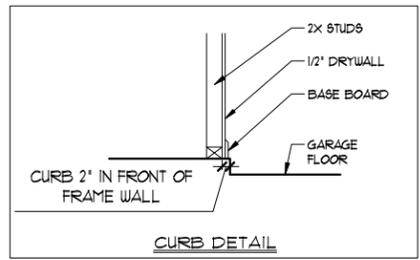
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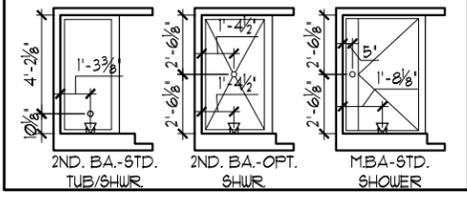
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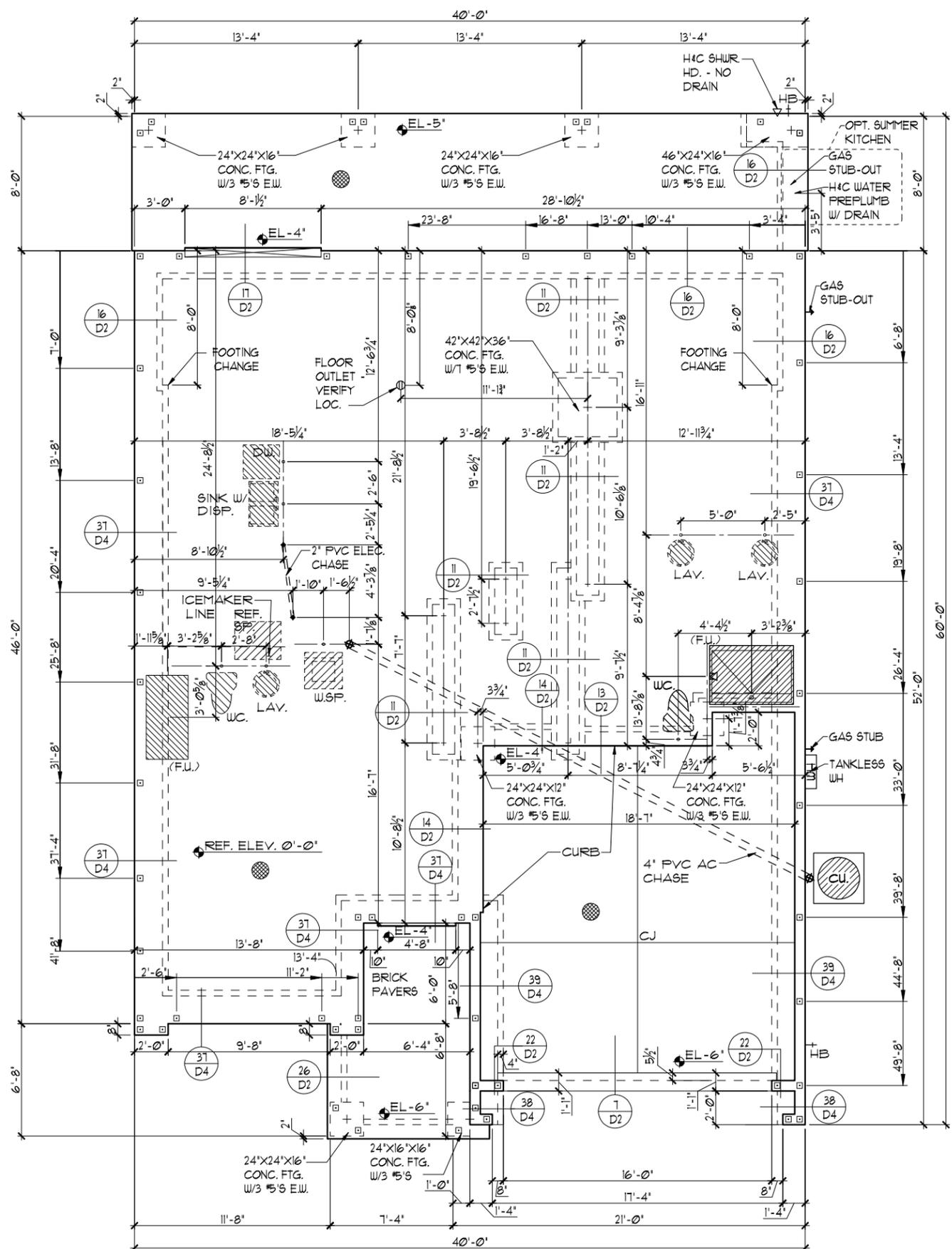
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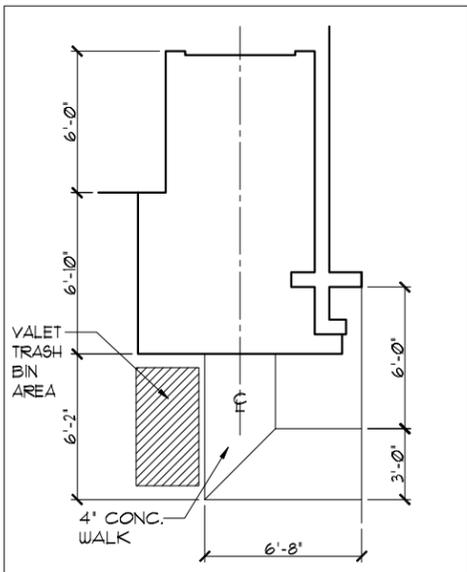
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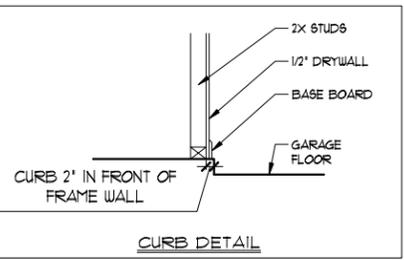
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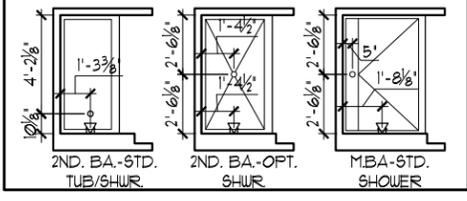
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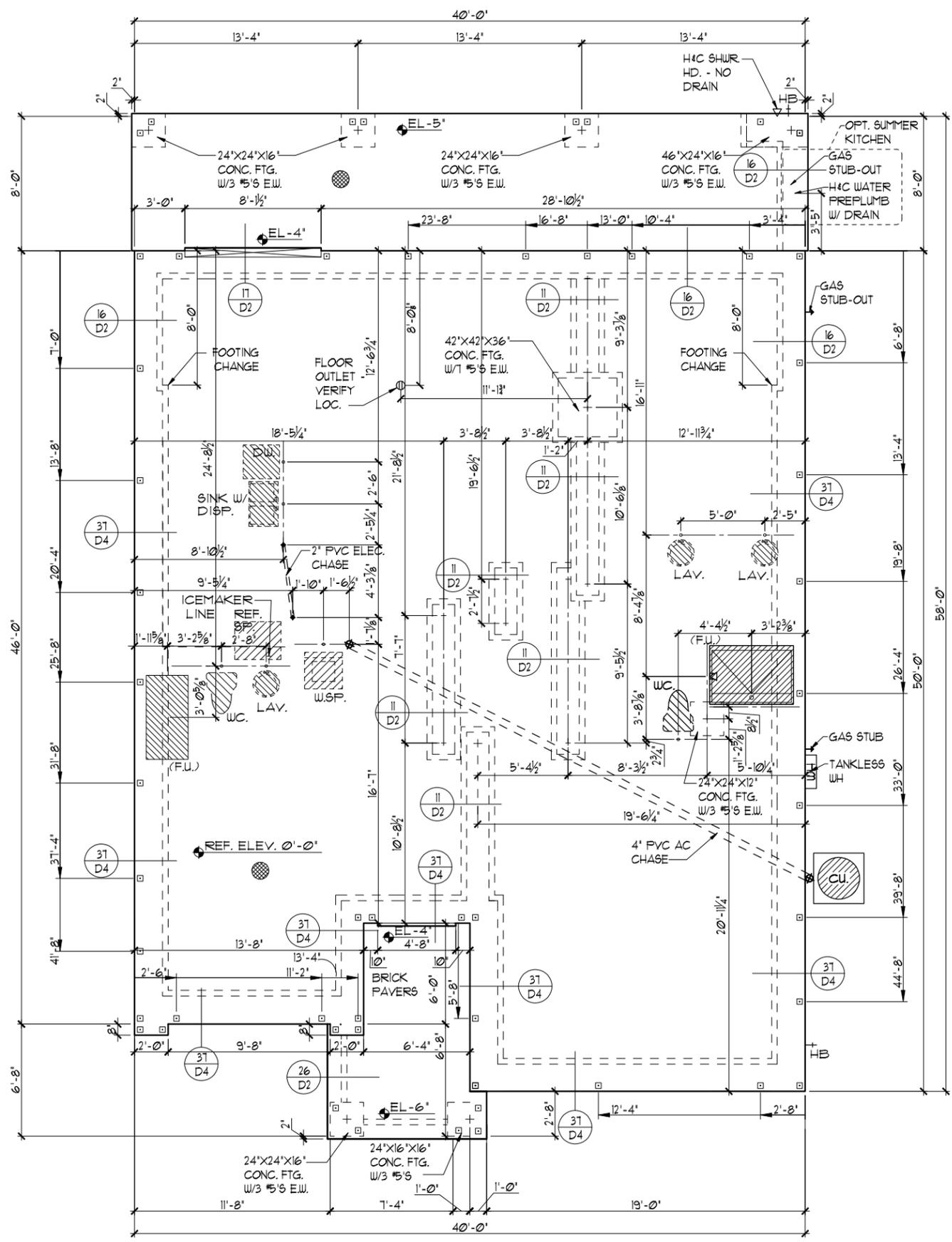
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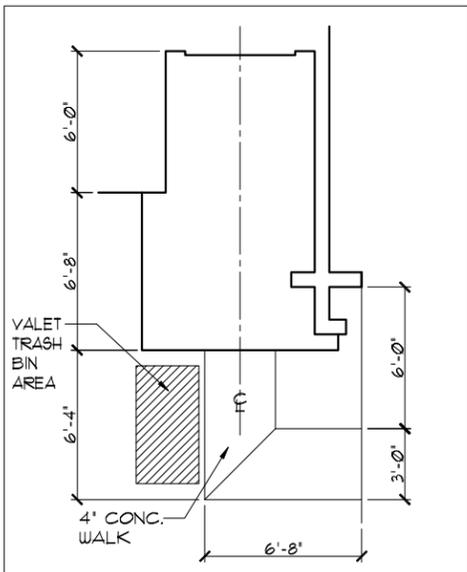
**Park Square HOMES**

**FOUNDATION PLAN**

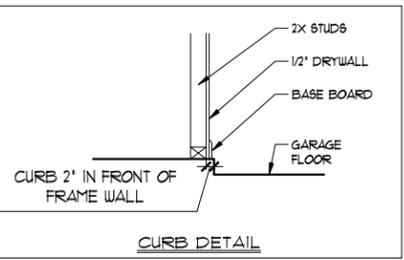
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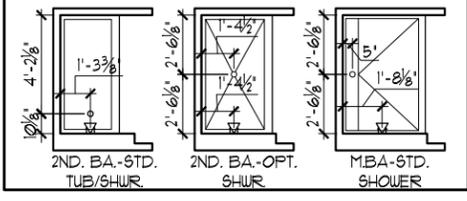
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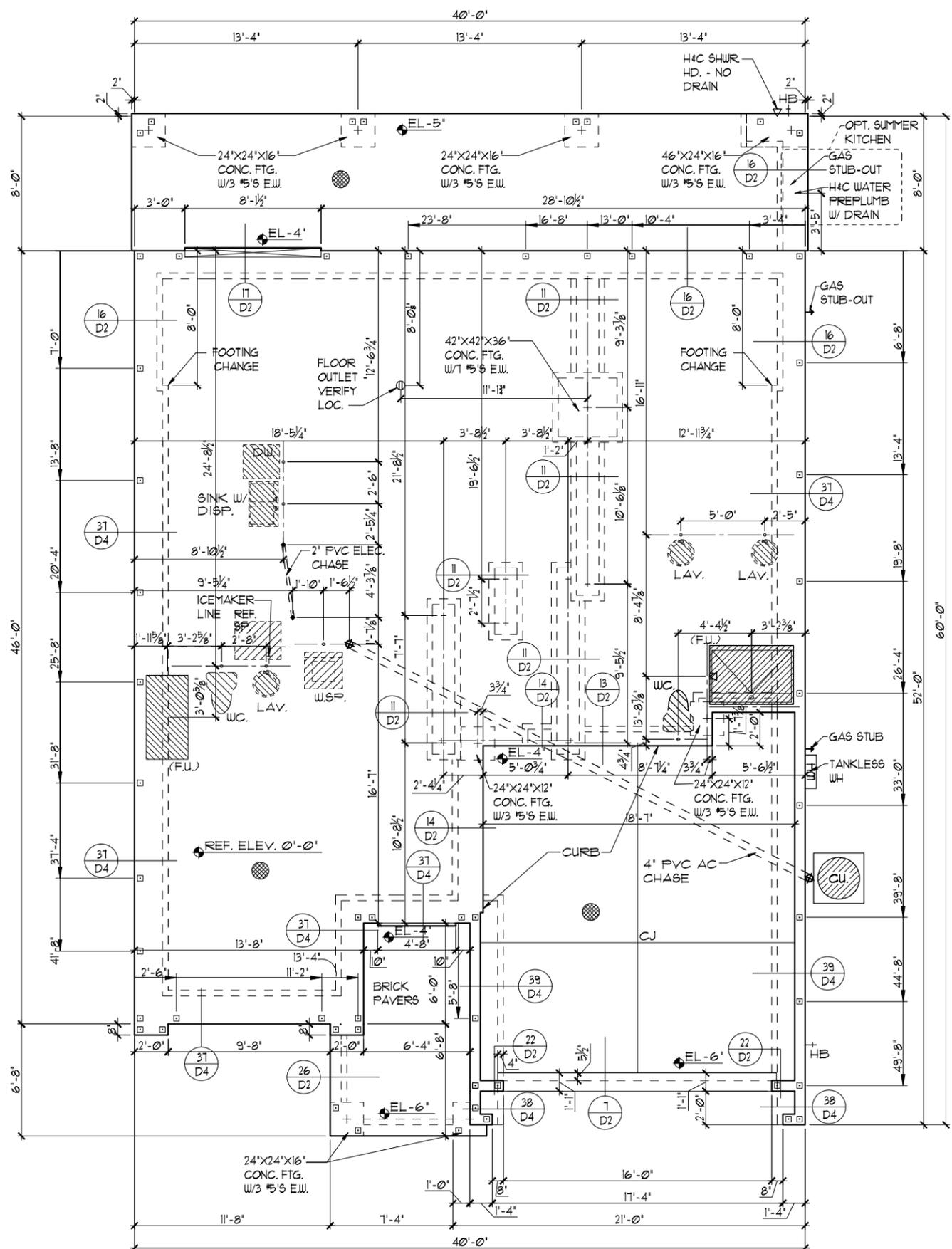
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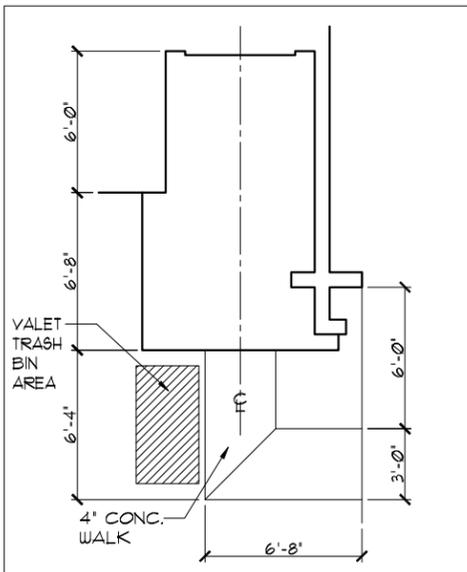


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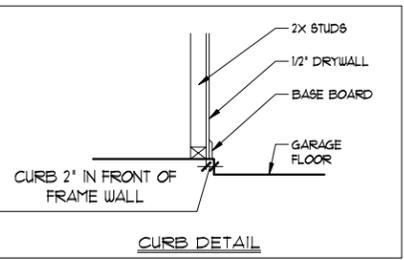
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**FOUNDATION PLAN**  
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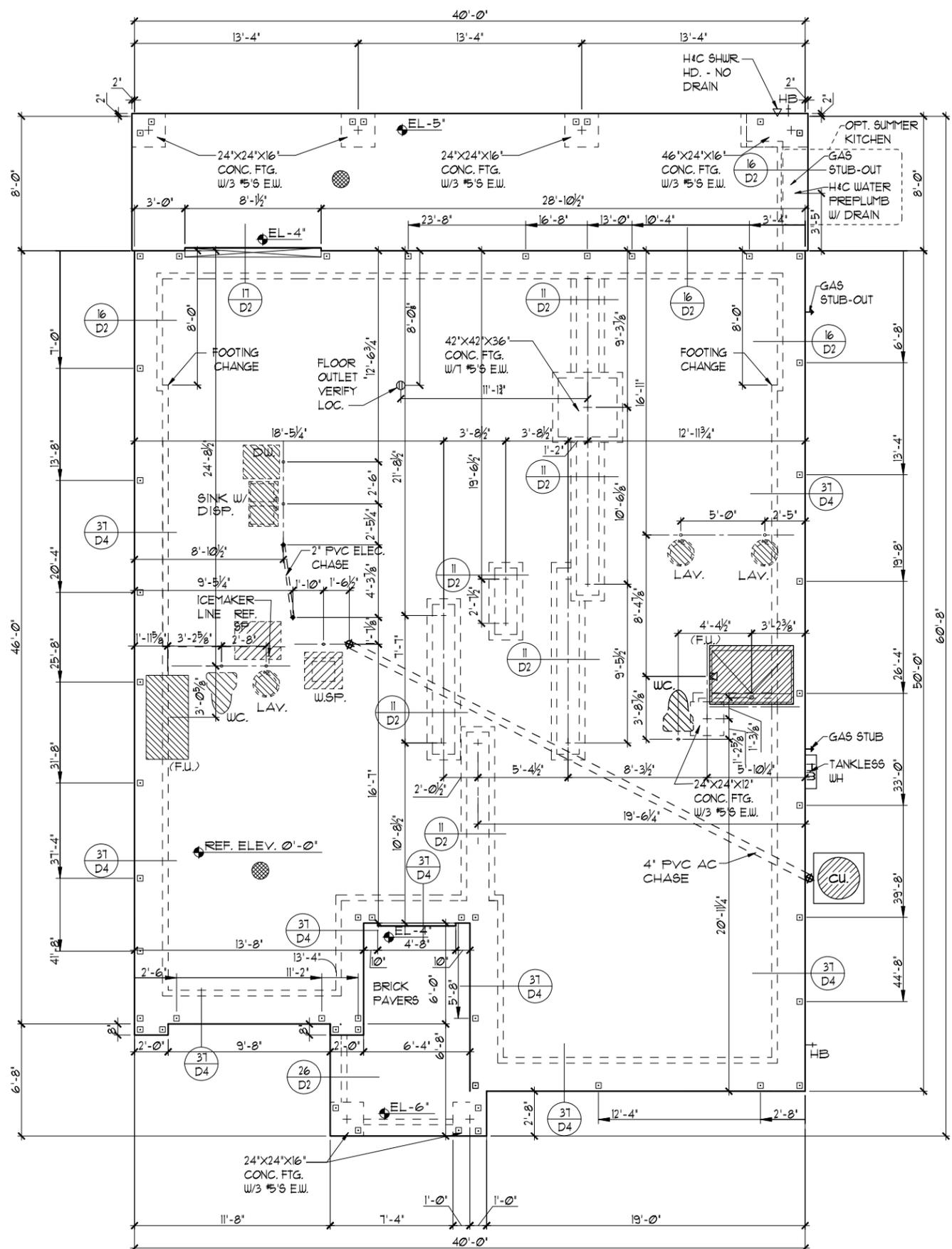
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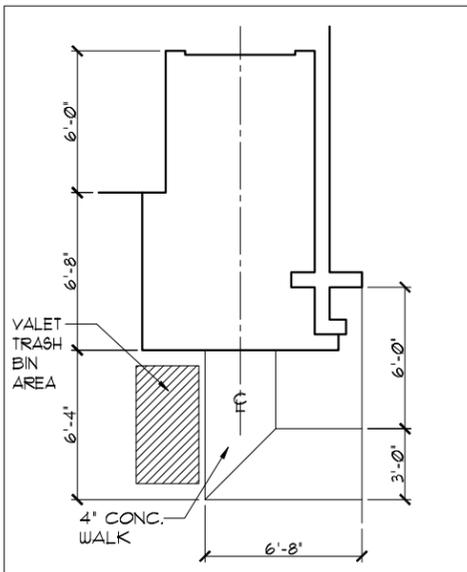
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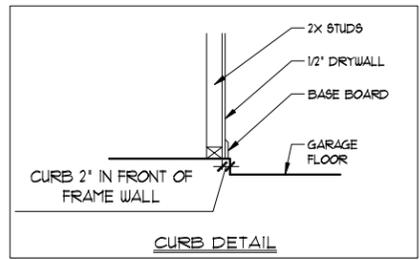
**FOUNDATION PLAN**

**AQUAMARINE**  
**PARADISO GRANDE**

2913  
 DATE 04-09-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 2913  
 SHEET  
 01C.1  
 OF SHEETS



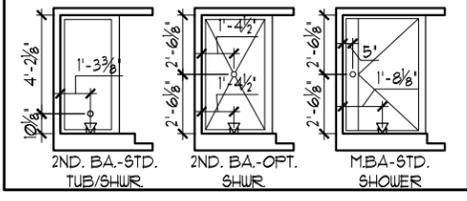
**SIDEWALK LAYOUT**  
 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



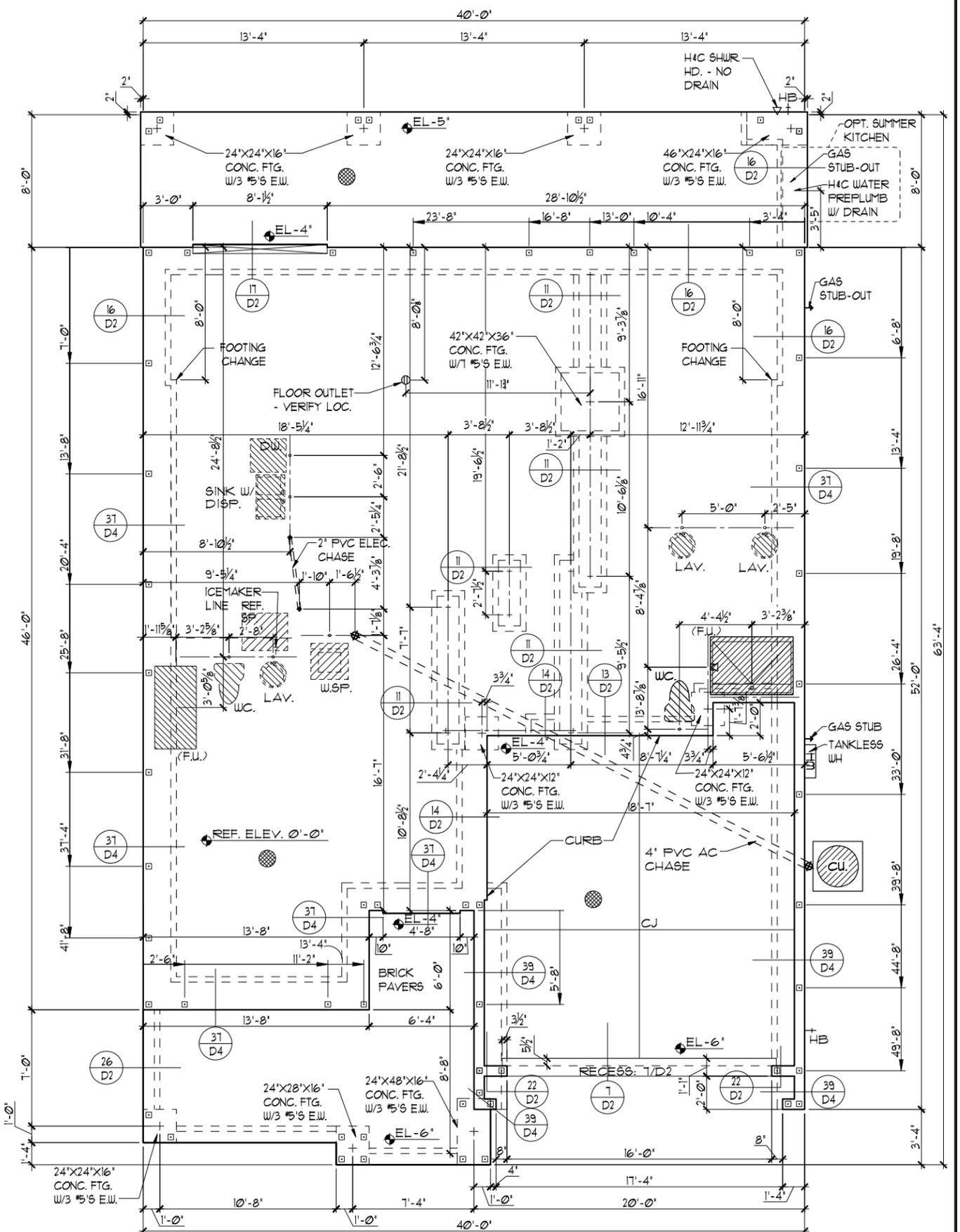
**CURB DETAIL**

**FOUNDATION NOTES**

- CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
- DENOTES FILL CELL REINF. W/ CONC. W/ (1) #5 REBAR GRADE 60
- DENOTES FILL CELL REINF. W/ CONC. W/ (2) #5 REBAR GRADE 60
- DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
- WATER HEATER T & P RELIEF VALVE SHALL BE FULL SIZE TO EXTERIOR WATER HEATER AT OR ABOVE FLOOR LEVEL SHALL BE IN A PAN WITH DRAIN TO EXTERIOR WATER HEATER SHALL HAVE APPROVED THERMAL EXPANSION DEVICE.
- DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2500 P.S.I. 4" THICK WITH 6X6 10/10 GAUGE REINFORCING MAT. WITH MIN. 1" COVER TERMITE TREATED SOIL WITH 006mm (6 mil) POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL. W/F SHALL BE PLACED IN MIDDLE TO UPPER THIRD OF SLAB AND SUPPORTED ON APPROVED SLAB BOLSTERS. FIBER MESH REINFORCEMENT MAY BE USED AS ALTERNATIVE TO WIRE MESH.
- PAVERS MAY BE USED I/O CONCRETE SLABS IN PATIO, PORCH, DRIVE AND WALKWAY AREAS. DELETE SLAB IN AREAS PAVERS ARE USED.
- ⊗ STANDARD FOOTING
- MECHANICAL EQUIP. LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
- IN LIEU OF TREATING THE SOIL, AN ALTERNATIVE TO TERMITE TREATED SOIL CAN BE TERMICIDE.
- BORA-CARE TO BE APPLIED ON INTERIOR WALLS IAW MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PURSUANT TO CH.402 FLORIDA BUILDING CODE.
- TYP. TUB/SHUR VALVE & DRAIN LOCATIONS



**FOUNDATION PLAN "D"**  
 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



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**PARADISO GRANDE**

**LOT: 0000, PARADISO GRANDE**

DATE	04-09-21
SCALE	AS NOTED
DRAWN	RDC
JOB	2913
SHEET	01D.0
OF	SHEETS

**2913**

**AQUAMARINE**  
**PARADISO GRANDE**

**FOUNDATION PLAN**

**Park Square HOMES**

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 Phone: (407) 529-3000

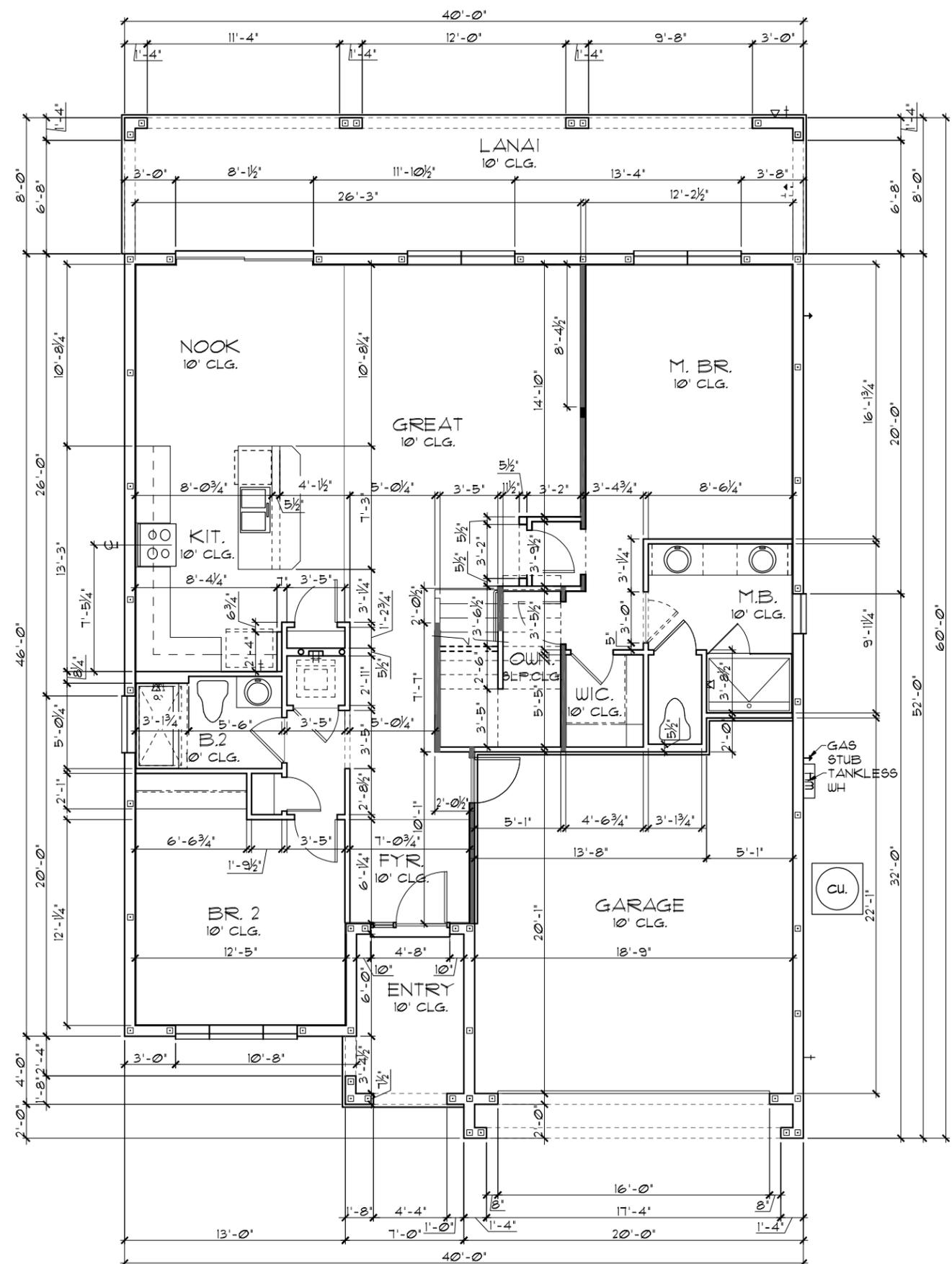
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REVISIONS BY

TABULATION	
UPPER LIVING	1,450 SF.
LOWER LIVING	1,463 SF.
TOTAL LIVING	2,913 SF.
GARAGE	419 SF.
ENTRY	106 SF.
LANAI	320 SF.
TOTAL UNDER ROOF	3,758 SF.

- GENERAL NOTES**
- CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
  - DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
  - ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3/2" UNLESS NOTED OTHERWISE.
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**FLOOR PLAN W/ DIMENSIONS "A"**  
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**AQUAMARINE**

**2913**

DATE 04-09-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 2913  
 SHEET 02A.0  
 OF SHEETS

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**Park Square HOMES**

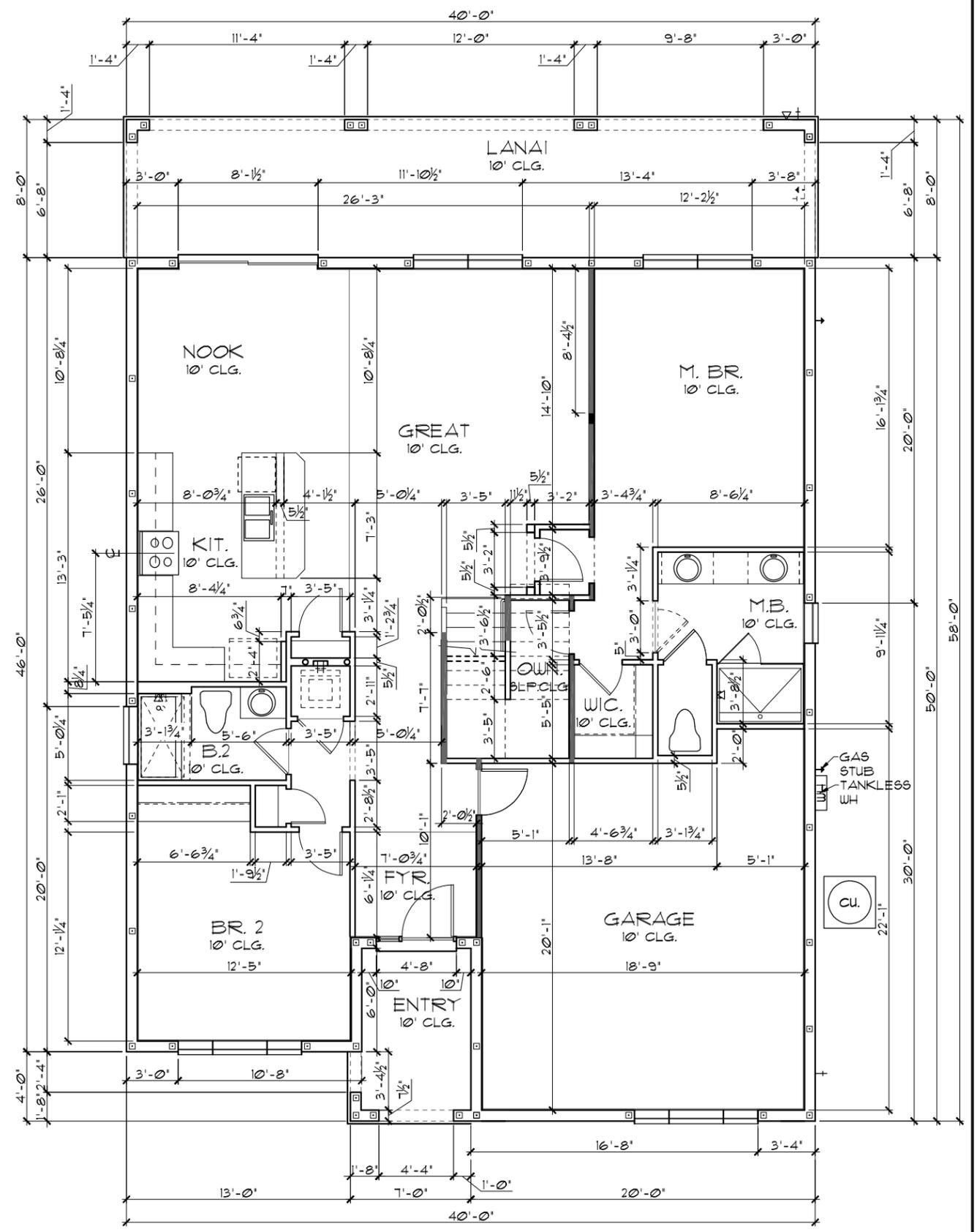
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REVISIONS	BY

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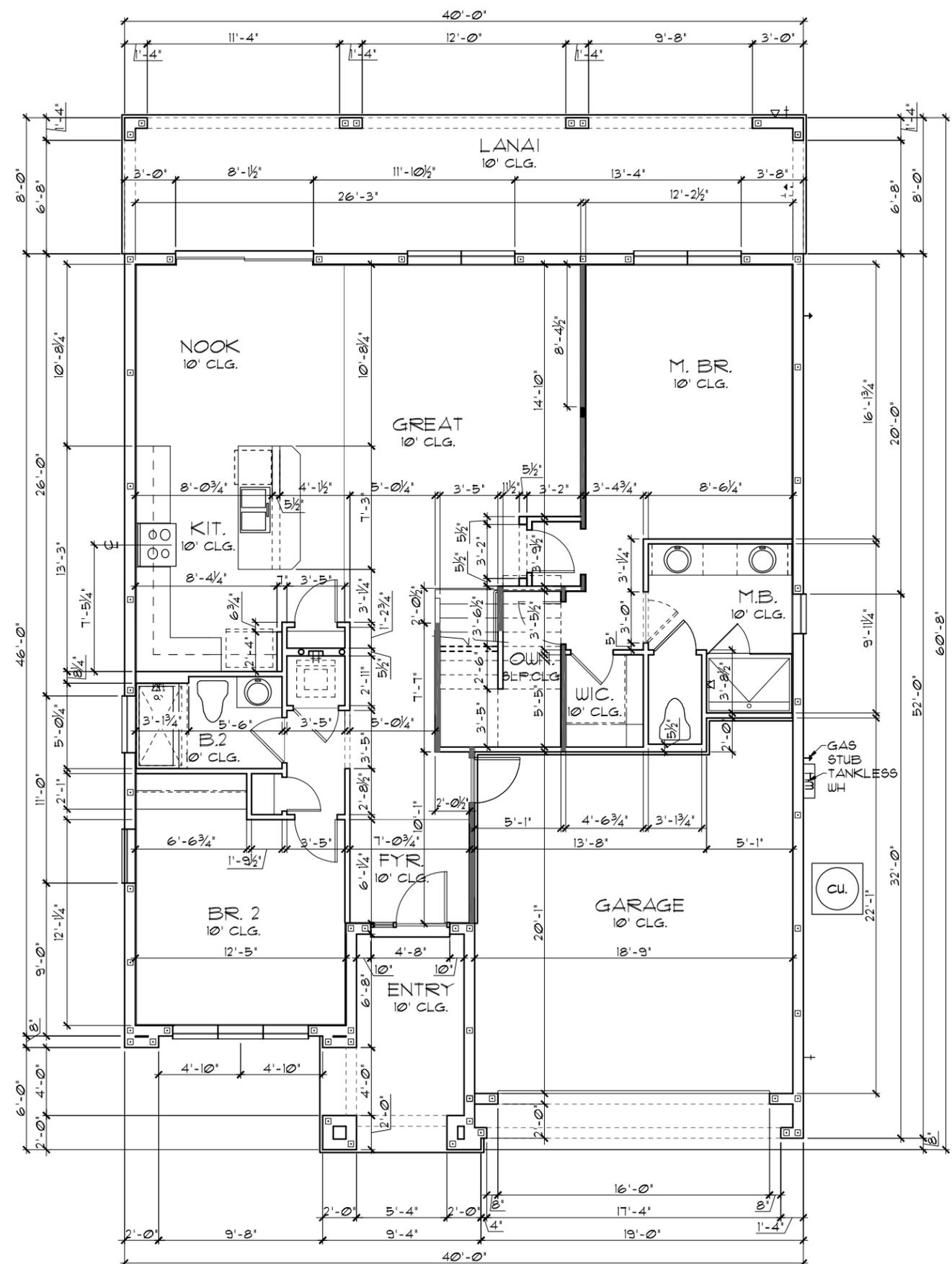
<b>PARADISO GRANDE</b>	<b>REVISIONS</b>
<b>AQUAMARINE</b>	<b>BY</b>
<b>2913</b>	<b>DATE</b> 04-09-21
<b>PARADISO GRANDE</b>	<b>SCALE</b> AS NOTED
<b>02A.1</b>	<b>DRAWN</b> RDC
<b>OF</b>	<b>JOB</b> 2913
<b>SHEETS</b>	<b>SHEET</b>
<b>1</b>	<b>1</b>

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TABULATION	
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**FLOOR PLAN W/ DIMENSIONS "B"**  
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**PARADISO GRANDE**

**AQUAMARINE**

**2913**

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET 02B.0

OF SHEETS

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**Park Square HOMES**

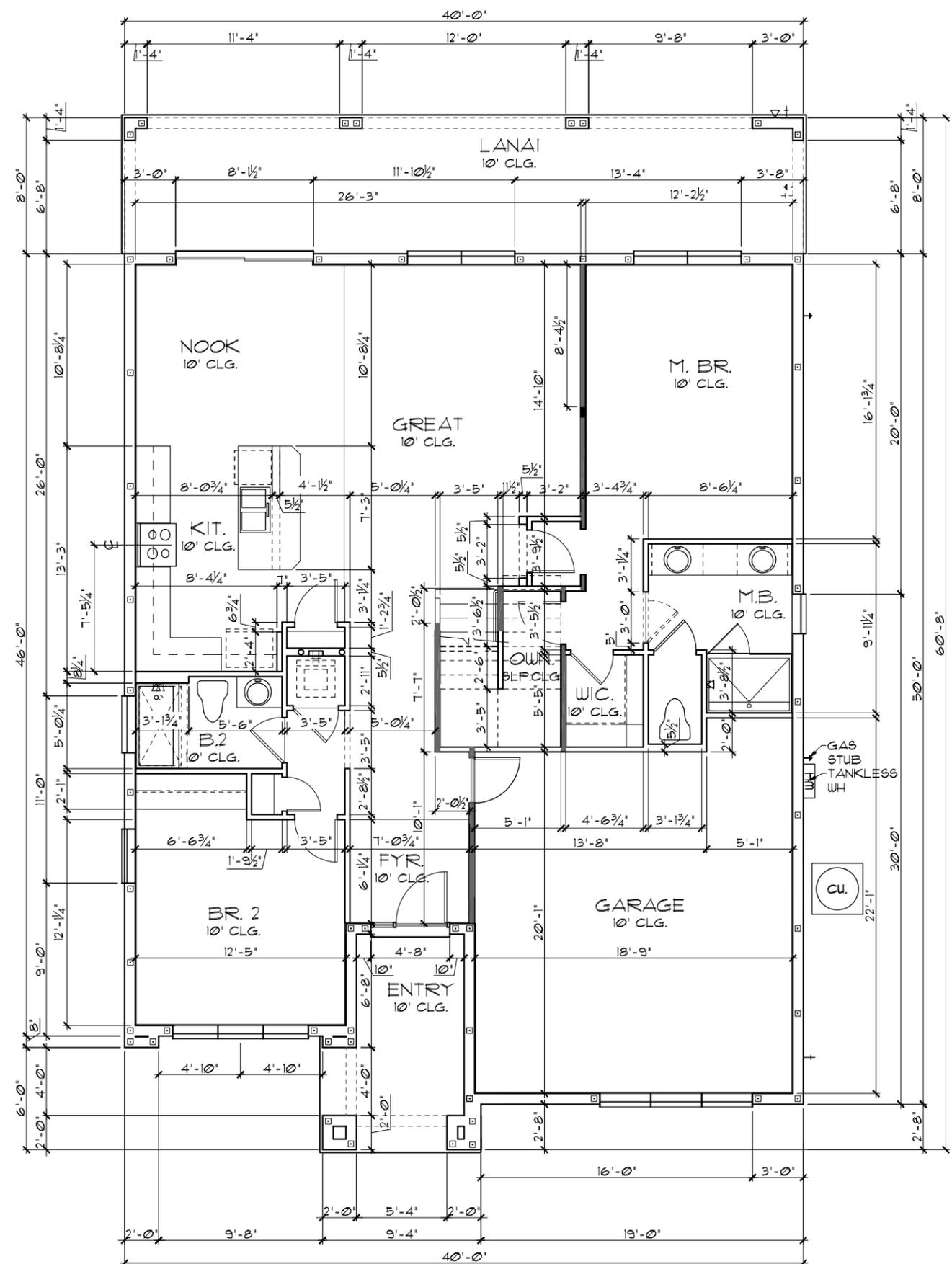
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 2913  
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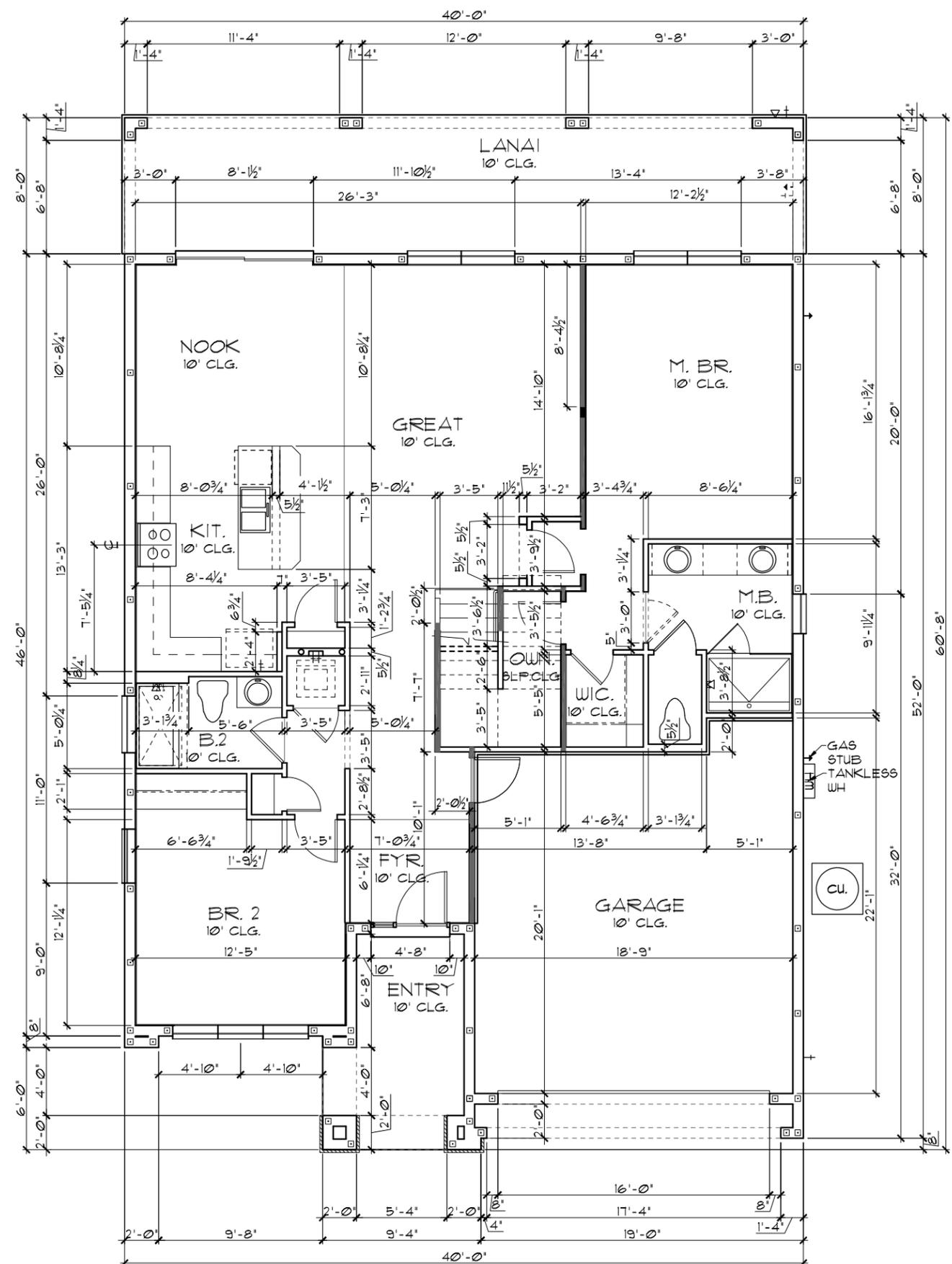
FLOOR PLAN W/ DIMENSIONS  
 PARADISO GRANDE

REVISIONS	BY

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**FLOOR PLAN W/ DIMENSIONS "C"**  
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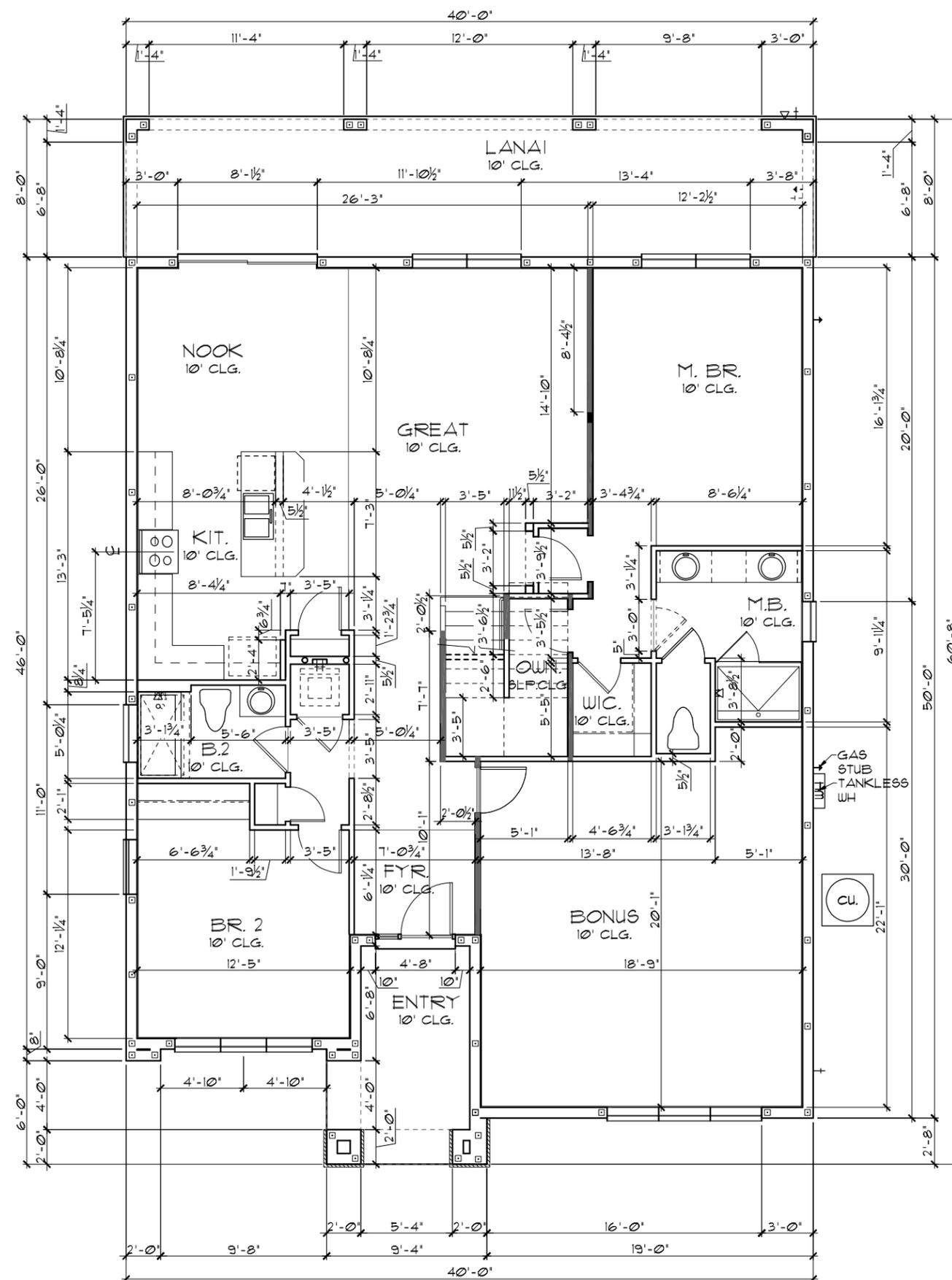
**PARADISO GRANDE**

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ENTRY	134 SF.
LANAI	320 SF.
TOTAL UNDER ROOF	3,786 SF.

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 AQUAMARINE FLOOR PLAN W/ DIMENSIONS  
 PARADISO GRANDE  
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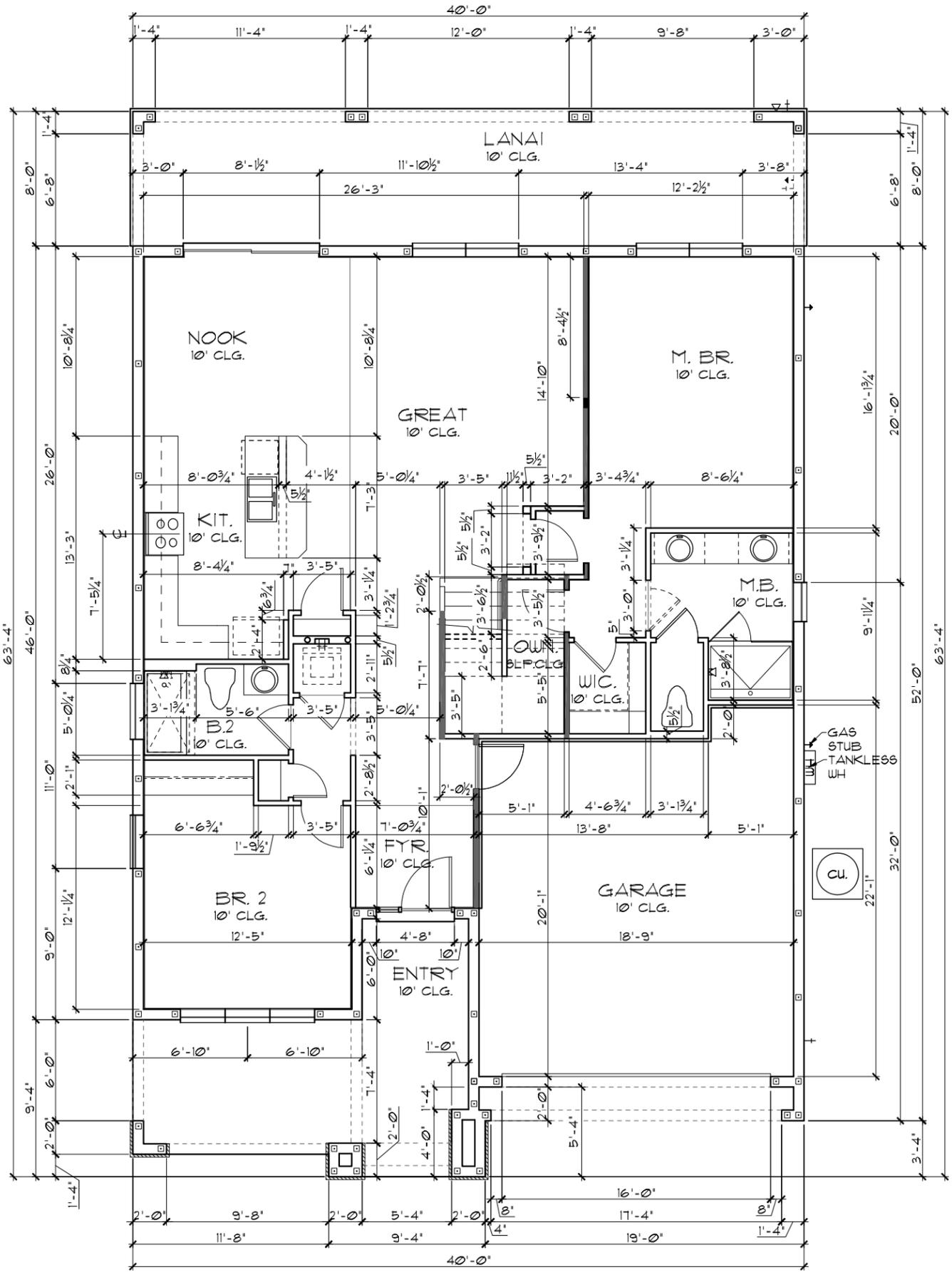
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LANAI	320 SF.
TOTAL UNDER ROOF	3,905 SF.

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SHEET	02D.0
OF SHEETS	02

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**PARADISO GRANDE**  
**2913**  
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**LOAD INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTIAL CODE

**DEAD LOADS**

FLOOR: STRUCTURE	1 PSF
CEILING	3 PSF
MECH/ELEC	5 PSF
PARTITIONS	5 PSF
<b>TOTAL</b>	<b>20 PSF</b>

**ROOF LIVE LOADS**

SHEATHING	5 PSF
STRUCTURE	1 PSF
CEILING	3 PSF
MECH/ELEC	5 PSF
<b>TOTAL</b>	<b>20 PSF</b>

**FLOOR LIVE LOADS**

RESIDENTIAL FLOOR:	40 PSF
UNINHABITABLE ATTIC WITHOUT STORAGE:	10 PSF
UNINHABITABLE ATTIC W/LIMITED STORAGE:	20 PSF
ROOMS OTHER THAN SLEEPING ROOM:	40 PSF
SLEEPING ROOM:	30 PSF
STAIR LIVE LOAD:	40 PSF
BALCONIES:	40 PSF
PASSENGER VEHICLE GARAGE:	50 PSF

**ROOF LIVE LOADS**

MINIMUM ROOF LIVE LOAD (PSF) TRIBUTARY LOADED AREA (SQ. FT.) FOR ANY STRUCTURAL MEMBER				
0-12 < 4:12	20	16	12	12
≥ 4:12 < 12:12	16	14	12	12
≥ 12:12	12	12	12	12

**WIND INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTIAL CODE

- BASIC WIND SPEED: 140 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: B
- BUILDING TYPE: V-B
- ENCLOSURE CLASSIFICATION: +/-, 1B, INCLUDED INTERNAL PRESSURE IN NOTE #6 COEFFICIENT:
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:

**GENERAL NOTES**

- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
- VENT DRYER THRU ROOF.
- PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
- DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
- MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
- DENOTES CONC. BLOCK WALL HGT. @ 10'-0" AFF.
- DENOTES CONC. BLOCK WALL HGT. @ X'-0" AFF.
- REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
- REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
- ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M1307.2
- ALL INTER. FIRST FLOOR CEILINGS AT 10'-0" UNLESS NOTED OTHERWISE.
- ALL INTER. SECOND FLOOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.

NOTE: 1. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20MIN. FIRE RATED IAW R302.5.1

NOTE: TEMPERED GLAZING IS REQUIRED AT ALL HAZARDOUS LOCATIONS AS DEFINED IN FBC R308.4

PER FBC R301- TABLE R301.5

GUARDRAILS 4 HANDRAILS	CONC. LOAD	200 LBS
GUARDRAIL IN - FILL COMPONENTS	CONC. LOAD	50 LBS
STAIRS	CONC. LOAD	300 LBS

PER FBC R312- R312.12 & R312.13 & R311.18.1

GUARDRAILS HEIGHT	36" MIN.
HANDRAIL HEIGHT	34" MIN. TO 38" MAX.
GUARDRAIL OPENING LIMITATIONS	4" IN DIAMETER MAX.

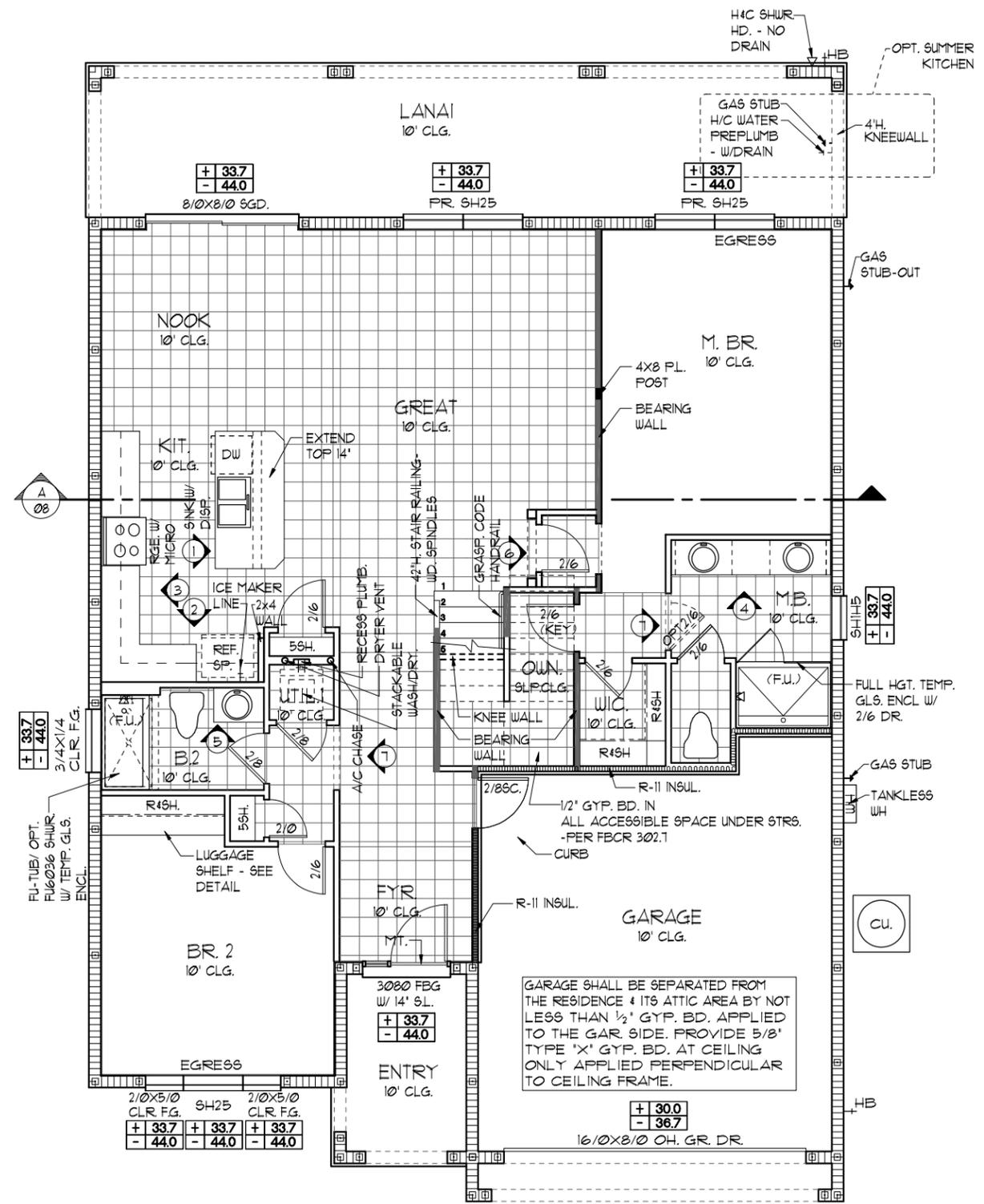
NOTE: HANDRAIL CONTINUITY PER R311.18.2- HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1 1/2" (38MM) BETWEEN THE WALL AND THE HANDRAIL.

EERO- R310.2.1- FBCR2023

SH25	NET CLEAR OPNG. HEIGHT 32' X NET CLEAR OPNG. WIDTH 21' 1/2" = 6.119 SQFT	NET CLEAR OPENING OF NOT LESS THAN 5.1 SQFT MIN. NET CLEAR OPNG. HEIGHT DIMENSION SHALL BE 24". THE MIN. NET CLEAR OPNG. WIDTH DIMENSION SHALL BE 20".
SH25	63" H. X 31" W. WDW SIZE	MIN. NET CLEAR OPNG. FOR GRADE-FLOOR EMERGENCY ESCAPE AND RESCUE OPNG. SHALL BE 5 SQFT

NOTE:

- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT MORE THAN 44" MIN. AFF.- R310.2 - FBCR (2023)
- IN DWELLING UNITS, WHERE THE BOTTOM OF THE CLEAR OPENING OF AN OPERABLE WINDOW OPENING IS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

**FLOOR PLAN W/ NOTES "A"**  
1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)

LOT: 000, PARADISO GRANDE  
THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

**PARADISO GRANDE**

**ITEG**  
HAMILTON ENGINEERING GROUP, INC.  
10000 W. BOULEVARD, SUITE 200  
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TEL: (407) 734-1400  
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**Park Square HOMES**

**A DIVISION OF PARK SQUARE ENTERPRISES, INC.**  
5200 Vineland Road, Suite 200  
Orlando, Florida 32817  
Phone: (407) 529 - 3000

**FLOOR PLAN W/ NOTES**

**AQUAMARINE**

**PARADISO GRANDE**

2913

DATE 04-09-21  
SCALE AS NOTED  
DRAWN RDC  
JOB 2913  
SHEET 03A.0 OF SHEETS

**LOAD INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING  
RESIDENTIAL CODE

**DEAD LOADS**

FLOOR: STRUCTURE	1 PSF
CEILING	3 PSF
MECH/ELEC	5 PSF
PARTITIONS	5 PSF
<b>TOTAL</b>	<b>20 PSF</b>

**ROOF LIVE LOADS**

SHEATHING	5 PSF
STRUCTURE	1 PSF
CEILING	3 PSF
MECH/ELEC	5 PSF
<b>TOTAL</b>	<b>20 PSF</b>

**FLOOR LIVE LOADS**

RESIDENTIAL FLOOR:	40 PSF
UNINHABITABLE ATTIC WITHOUT STORAGE:	10 PSF
UNINHABITABLE ATTIC W/LIMITED STORAGE:	20 PSF
ROOMS OTHER THAN SLEEPING ROOM:	40 PSF
SLEEPING ROOM:	30 PSF
STAIR LIVE LOAD:	40 PSF
BALCONIES:	40 PSF
PASSENGER VEHICLE GARAGE:	50 PSF

**ROOF LIVE LOADS**

MINIMUM ROOF LIVE LOAD (PSF) TRIBUTARY LOADED AREA (SQ. FT.) FOR ANY STRUCTURAL MEMBER			
ROOF SLOPE	0-200	201-600	OVER 600
0:12 < 4:12	20	16	12
≥ 4:12 < 12:12	16	14	12
≥ 12:12	12	12	12

**WIND INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING  
RESIDENTIAL CODE

- BASIC WIND SPEED: 140 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: B
- BUILDING TYPE: V-B
- ENCLOSURE CLASSIFICATION: +/-, 1B, INCLUDED INTERNAL PRESSURE IN NOTE #6 COEFFICIENT:
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:

+ XXX	DESIGN WIND PRESSURE IAW FLA
- XXX	RESIDENTIAL CODE, SECTION R301

NOTE: DESIGN PRESSURES BASED ON BASIC WIND SPEED AND NOT ULTIMATE WIND SPEED.

**GENERAL NOTES**

- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
- VENT DRYER THRU ROOF.
- PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
- DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
- MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
- |           |   |
|-----------|---|
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ 10'-0" A.F.F. |
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ X'-0" A.F.F.  |
- REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
- REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
- ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M1307.2
- ALL INTER. FIRST FLOOR CEILING AT 10'-0" UNLESS NOTED OTHERWISE.  
ALL INTER. SECOND FLOOR CEILING AT 9'-0" UNLESS NOTED OTHERWISE.

NOTE: 1. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20MIN. FIRE RATED IAW R302.5.1

NOTE: TEMPERED GLAZING IS REQUIRED AT ALL HAZARDOUS LOCATIONS AS DEFINED IN FBC R308.4

PER FBC R301- TABLE R301.5

GUARDRAILS 4 HANDRAILS	CONC. LOAD	200 LBS
GUARDRAIL IN - FILL COMPONENTS	CONC. LOAD	50 LBS
STAIRS	CONC. LOAD	300 LBS

PER FBC R312- R312.12 & R312.13 & R311.1.1

GUARDRAILS HEIGHT	36" MIN.
HANDRAIL HEIGHT	34" MIN. TO 38" MAX.
GUARDRAIL OPENING LIMITATIONS	4" IN DIAMETER MAX.

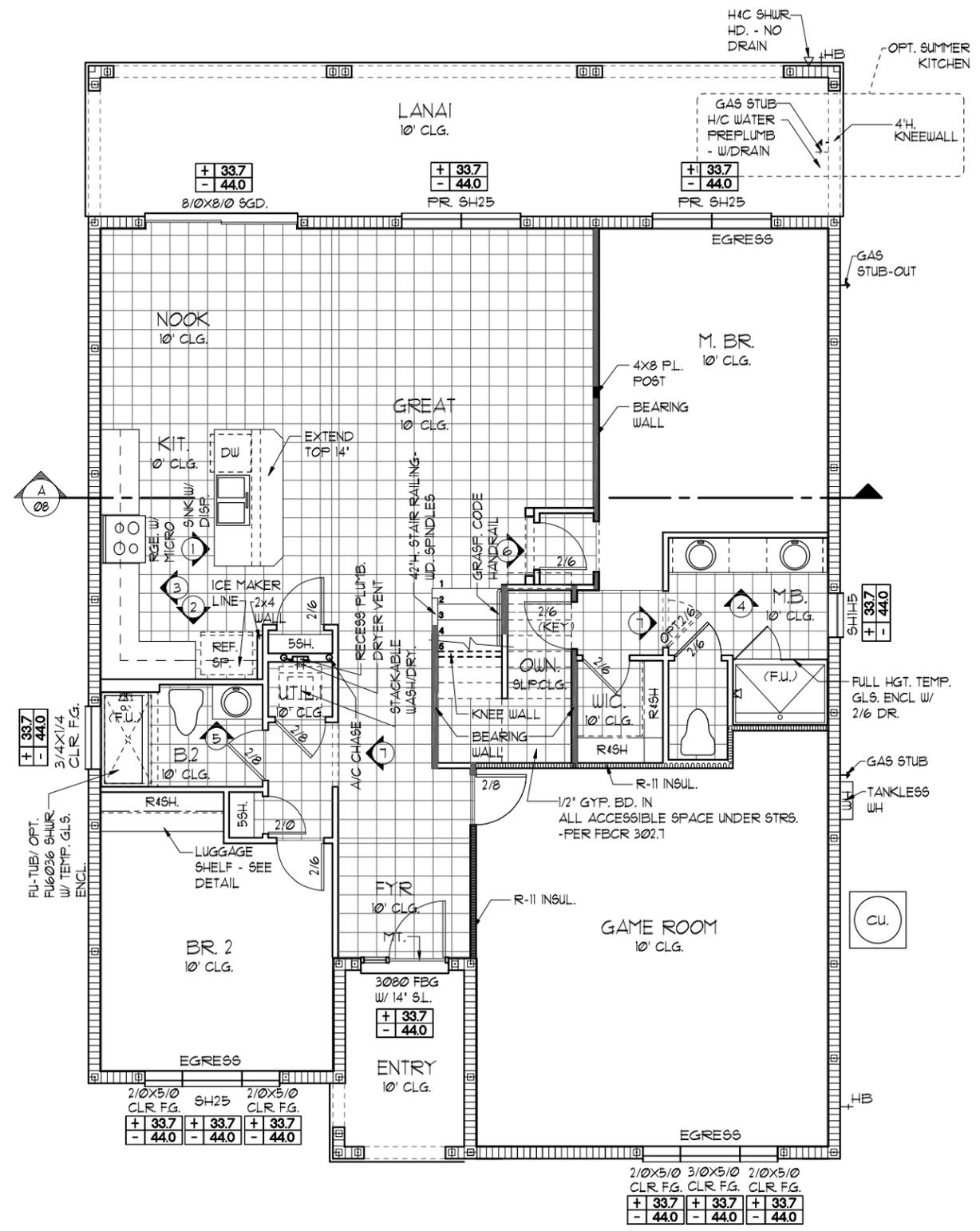
NOTE: HANDRAIL CONTINUITY PER R311.1.2.2- HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1 1/2" (38MM) BETWEEN THE WALL AND THE HANDRAIL.

**EERO- R310.2.1- FBCR2023**

SH25	NET CLEAR OPNG. HEIGHT 32' X NET CLEAR OPNG. WIDTH 21' 1/2" = 6,119 SQFT	NET CLEAR OPENING OF NOT LESS THAN 5.1 SQFT MIN. NET CLEAR OPNG. HEIGHT DIMENSION SHALL BE 24". THE MIN. NET CLEAR OPNG. WIDTH DIMENSION SHALL BE 20".
SH25	63" H. X 31" W. WDW SIZE	MIN. NET CLEAR OPNG. FOR GRADE-FLOOR EMERGENCY ESCAPE AND RESCUE OPNG. SHALL BE 5 SQFT

NOTE:

- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT MORE THAN 44" MIN. AFF.- R310.2 - FBCR (2023)
- IN DWELLING UNITS, WHERE THE BOTTOM OF THE CLEAR OPENING OF AN OPERABLE WINDOW OPENING IS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

**FLOOR PLAN W/ NOTES "A"**  
1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)

LOT: 000, PARADISO GRANDE  
THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

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Orlando, FL 32826  
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www.iteg.com

**REVISIONS**

NO.	DESCRIPTION	DATE

**FLOOR PLAN W/ NOTES**

**AQUAMARINE**

**PARADISO GRANDE**

2913

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET

**03A.1**

OF SHEETS

**LOAD INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTIAL CODE

**DEAD LOADS**

FLOOR: STRUCTURE	1 PSF
CEILINGS	3 PSF
MECH/ELEC	5 PSF
PARTITIONS	5 PSF
<b>TOTAL</b>	<b>20 PSF</b>

**ROOF: SHEATHING** 5 PSF  
**STRUCTURE** 1 PSF  
**CEILINGS** 3 PSF  
**MECH/ELEC** 5 PSF  
**TOTAL** 20 PSF

**FLOOR LIVE LOADS**

RESIDENTIAL FLOOR:	40 PSF
UNINHABITABLE ATTIC WITHOUT STORAGE:	10 PSF
UNINHABITABLE ATTIC W/LIMITED STORAGE:	20 PSF
ROOMS OTHER THAN SLEEPING ROOM:	40 PSF
SLEEPING ROOM:	30 PSF
STAIR LIVE LOAD:	40 PSF
BALCONIES:	40 PSF
PASSANGER VEHICLE GARAGE:	50 PSF

**RESIDENTIAL FLOOR:** 40 PSF  
**UNINHABITABLE ATTIC WITHOUT STORAGE:** 10 PSF  
**UNINHABITABLE ATTIC W/LIMITED STORAGE:** 20 PSF

**ROOMS OTHER THAN SLEEPING ROOM:** 40 PSF  
**SLEEPING ROOM:** 30 PSF  
**STAIR LIVE LOAD:** 40 PSF  
**BALCONIES:** 40 PSF  
**PASSANGER VEHICLE GARAGE:** 50 PSF

**ROOF LIVE LOADS**

MINIMUM ROOF LIVE LOAD (PSF) TRIBUTARY LOADED AREA (SQ. FT.) FOR ANY STRUCTURAL MEMBER				
ROOF SLOPE	0-200	201-600	OVER 600	
0.12 < 4:12	20	16	12	
≥ 4:12 < 12:12	16	14	12	
≥ 12:12	12	12	12	

**WIND INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTIAL CODE

- BASIC WIND SPEED: 140 MPH
  - RISK CATEGORY: II
  - WIND EXPOSURE: B
  - BUILDING TYPE: V B
  - ENCLOSURE CLASSIFICATION: +/-, INCLUDED INTERNAL PRESSURE IN NOTE #6
  - COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:
    - + XXX DESIGN WIND PRESSURE IAW FLA
    - XXX RESIDENTIAL CODE, SECTION R301
- NOTE: DESIGN PRESSURES BASED ON BASIC WIND SPEED AND NOT ULTIMATE WIND SPEED.

**GENERAL NOTES**

- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
- VENT DRYER THRU ROOF.
- PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
- DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
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- DENOTES CONC. BLOCK WALL HGT. @ 10'-0" A.F.F.
  - DENOTES CONC. BLOCK WALL HGT. @ X'-0" A.F.F.
- REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
- REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
- ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M 1307.2
- ALL INTER. FIRST FLOOR CEILINGS AT 10'-0" UNLESS NOTED OTHERWISE.
- ALL INTER. SECOND FLOOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.

NOTE: 1. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20MIN. FIRE RATED IAW R302.5.1

NOTE: TEMPERED GLAZING IS REQUIRED AT ALL HAZARDOUS LOCATIONS AS DEFINED IN FBC R308.4

PER FBC R301- TABLE R301.5

GUARDRAILS & HANDRAILS	CONC. LOAD	200 LBS
GUARDRAIL IN - FILL COMPONENTS	CONC. LOAD	50 LBS
STAIRS	CONC. LOAD	300 LBS

PER FBC R312- R312.12 & R312.13 & R311.1.1

GUARDRAILS HEIGHT	36" MIN.
HANDRAIL HEIGHT	34" MIN. TO 38" MAX.
GUARDRAIL OPENING LIMITATIONS	4" IN DIAMETER MAX.

NOTE: HANDRAIL CONTINUITY PER R311.1.2.1 - HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1/2" (38MM) BETWEEN THE WALL AND THE HANDRAIL.

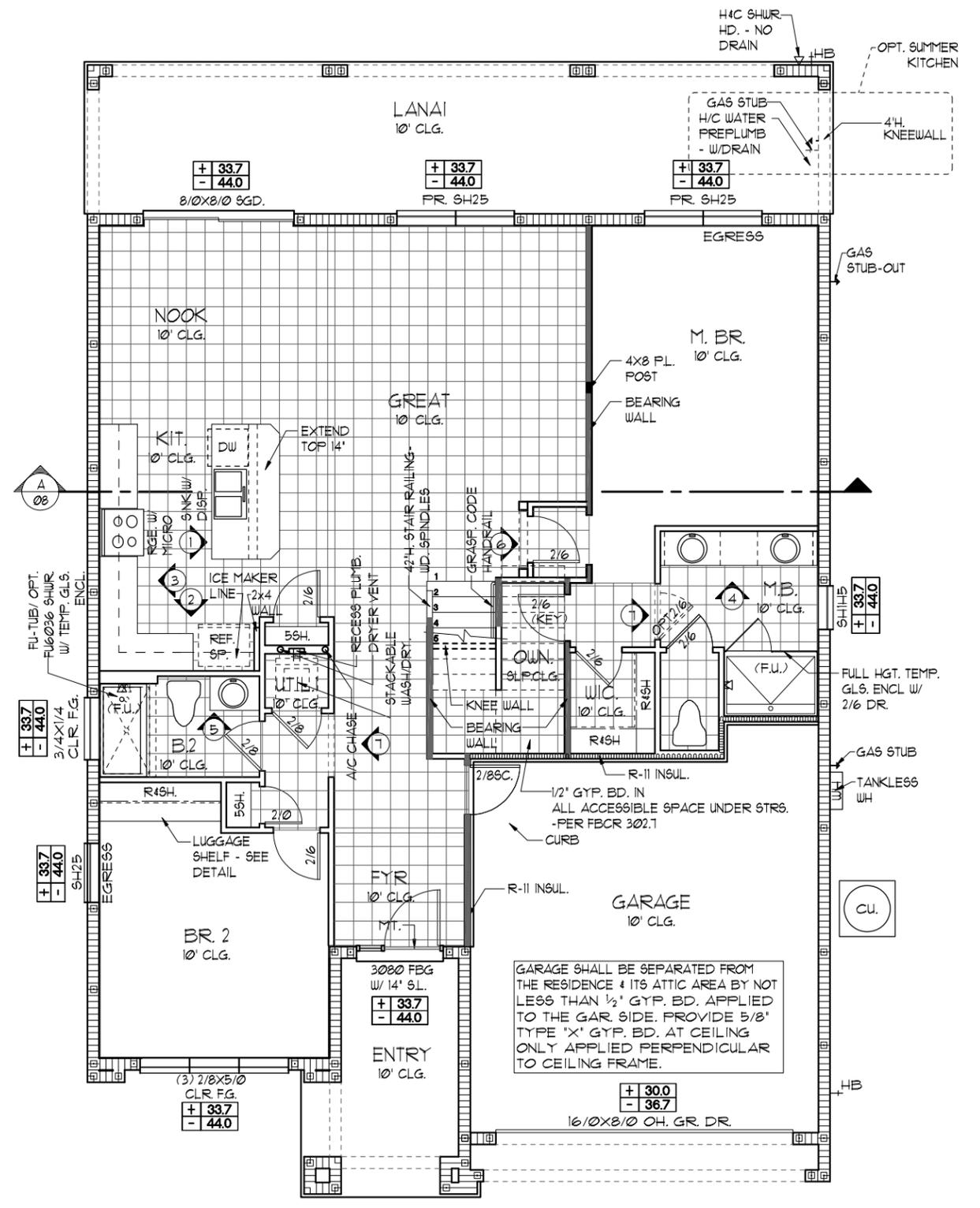
**EERO- R310.2.1- FBCR2023**

SH25	NET CLEAR OPNG. HEIGHT 32' X NET CLEAR OPNG. WIDTH 21 1/2' = 6.119 SQFT	NET CLEAR OPENING OF NOT LESS THAN 5.1 SQFT MIN. NET CLEAR OPNG. HEIGHT DIMENSION SHALL BE 24'. THE MIN. NET CLEAR OPNG. WIDTH DIMENSION SHALL BE 20'.
SH25	63" H. X 31" W. WDW SIZE	MIN. NET CLEAR OPNG. FOR GRADE-FLOOR EMERGENCY ESCAPE AND RESCUE OPNG. SHALL BE - 5 SQFT

NOTE:

- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT MORE THAN 44" MIN. A.F.F. - R310.2 - FBCR (2023)
- IN DWELLING UNITS, WHERE THE BOTTOM OF THE CLEAR OPENING OF AN OPERABLE WINDOW OPENING IS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

**FLOOR PLAN W/ NOTES "B"**  
1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 000, PARADISO GRANDE  
THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

**PARADISO GRANDE**

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5200 Vneeland Road, Suite 200  
Orlando, Florida, 32811  
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Orlando, FL 32826  
Phone: (407) 734-1100  
www.iteg.com

**Park Square HOMES**

FLOOR PLAN W/ NOTES

AQUAMARINE  
PARADISO GRANDE

2913

REVISIONS	BY

DATE: 04-09-21  
SCALE: AS NOTED  
DRAWN: RDC  
JOB: 2913  
SHEET: 03B.0 OF SHEETS

**LOAD INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTIAL CODE

**DEAD LOADS**

FLOOR: STRUCTURE	1 PSF
CEILINGS	3 PSF
MECH/ELEC	5 PSF
PARTITIONS	5 PSF
<b>TOTAL</b>	<b>20 PSF</b>

**ROOF: SHEATHING** 5 PSF  
**STRUCTURE** 1 PSF  
**CEILINGS** 3 PSF  
**MECH/ELEC** 5 PSF  
**TOTAL** 20 PSF

**FLOOR LIVE LOADS**

RESIDENTIAL FLOOR:	40 PSF
UNINHABITABLE ATTIC WITHOUT STORAGE:	10 PSF
UNINHABITABLE ATTIC W/LIMITED STORAGE:	20 PSF
ROOMS OTHER THAN SLEEPING ROOM:	40 PSF
SLEEPING ROOM:	30 PSF
STAIR LIVE LOAD:	40 PSF
BALCONIES:	40 PSF
PASSANGER VEHICLE GARAGE:	50 PSF

**RESIDENTIAL FLOOR:** 40 PSF  
**UNINHABITABLE ATTIC WITHOUT STORAGE:** 10 PSF  
**UNINHABITABLE ATTIC W/LIMITED STORAGE:** 20 PSF

**ROOMS OTHER THAN SLEEPING ROOM:** 40 PSF  
**SLEEPING ROOM:** 30 PSF  
**STAIR LIVE LOAD:** 40 PSF  
**BALCONIES:** 40 PSF  
**PASSANGER VEHICLE GARAGE:** 50 PSF

**ROOF LIVE LOADS**

MINIMUM ROOF LIVE LOAD (PSF) TRIBUTARY LOADED AREA (SQ. FT.) FOR ANY STRUCTURAL MEMBER				
ROOF SLOPE	0-200	201-600	OVER 600	
0:12 < 4:12	20	16	12	
≥ 4:12 < 12:12	16	14	12	
≥ 12:12	12	12	12	

**WIND INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTIAL CODE

- BASIC WIND SPEED: 140 MPH
  - RISK CATEGORY: II
  - WIND EXPOSURE: B
  - BUILDING TYPE: V B
  - ENCLOSURE CLASSIFICATION: +/-, INCLUDED INTERNAL PRESSURE IN NOTE #6 COEFFICIENT:
  - COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:
- + XXX DESIGN WIND PRESSURE IAW FLA  
- XXX RESIDENTIAL CODE, SECTION R301
- NOTE: DESIGN PRESSURES BASED ON BASIC WIND SPEED AND NOT ULTIMATE WIND SPEED.

**GENERAL NOTES**

- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
- VENT DRYER THRU ROOF.
- PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
- DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
- MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
- |  |   |
|--|---|
|  | DENOTES CONC. BLOCK WALL HGT. @ 10'-0" A.F.F. |
|  | DENOTES CONC. BLOCK WALL HGT. @ X'-0" A.F.F.  |
- REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
- REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
- ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M1307.2
- ALL INTER. FIRST FLOOR CEILINGS AT 10'-0" UNLESS NOTED OTHERWISE.  
ALL INTER. SECOND FLOOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.

NOTE: 1. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20MIN. FIRE RATED IAW R302.5.1

NOTE: TEMPERED GLAZING IS REQUIRED AT ALL HAZARDOUS LOCATIONS AS DEFINED IN FBC R308.4

PER FBC R301- TABLE R301.5

GUARDRAILS & HANDRAILS	CONC. LOAD	200 LBS
GUARDRAIL IN - FILL COMPONENTS	CONC. LOAD	50 LBS
STAIRS	CONC. LOAD	300 LBS

PER FBC R312- R312.12 & R312.13 & R311.10.1

GUARDRAILS HEIGHT	36" MIN.
HANDRAIL HEIGHT	34" MIN. TO 38" MAX.
GUARDRAIL OPENING LIMITATIONS	4" IN DIAMETER MAX.

NOTE: HANDRAIL CONTINUITY PER R311.10.2- HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1/2"(38"MM) BETWEEN THE WALL AND THE HANDRAIL.

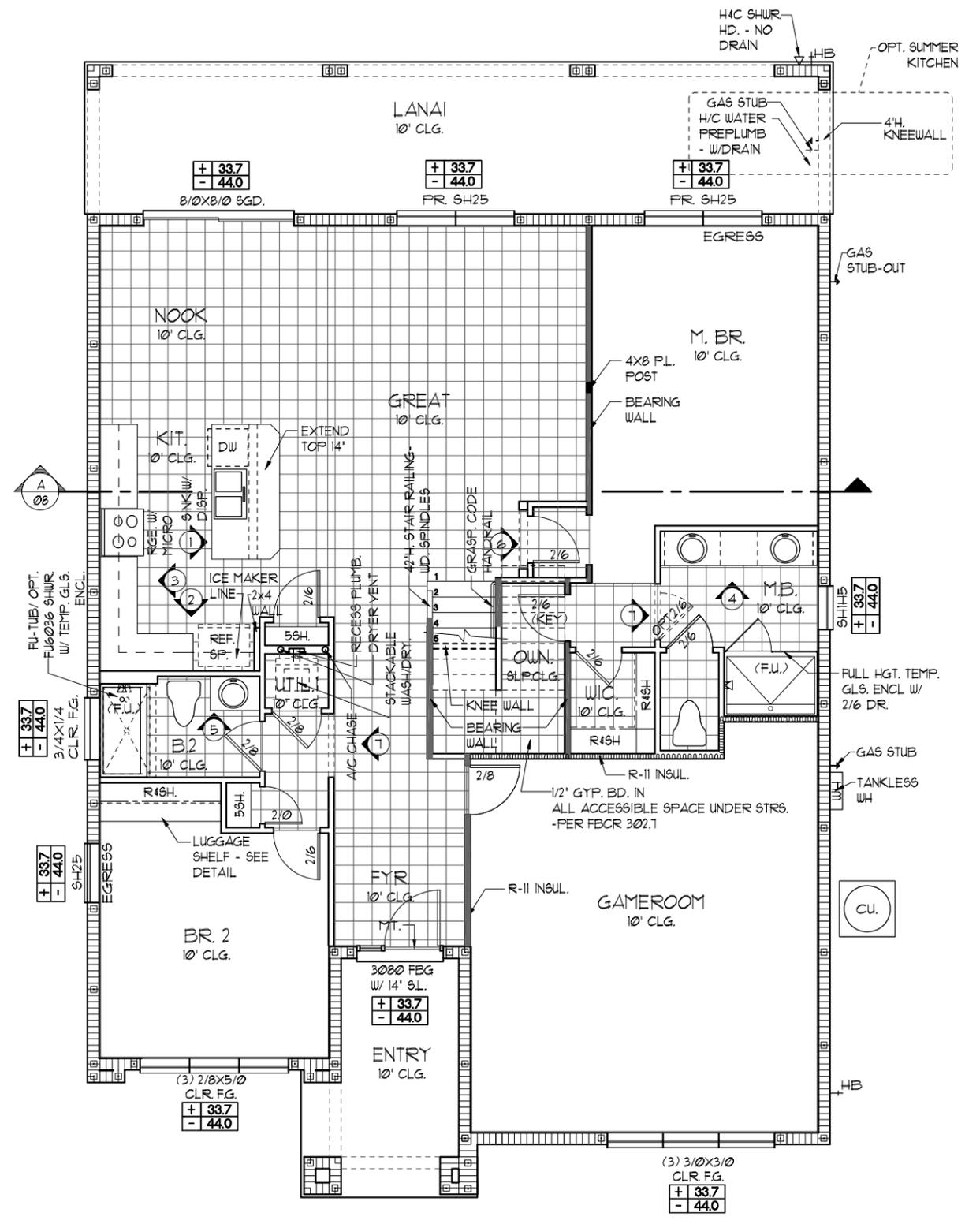
EERO- R3102.1- FBCR2023

SH25	NET CLEAR OPNG. HEIGHT 32' X NET CLEAR OPNG. WIDTH 21 1/2' = 6.119 SQFT	NET CLEAR OPENING OF NOT LESS THAN 5.1 SQFT MIN. NET CLEAR OPNG. HEIGHT DIMENSION SHALL BE 24'. THE MIN. NET CLEAR OPNG. WIDTH DIMENSION SHALL BE 20'.
SH25	63" H. X 31" W. WDW SIZE	MIN. NET CLEAR OPNG. FOR GRADE-FLOOR EMERGENCY ESCAPE AND RESCUE OPNG. SHALL BE - 5 SQFT

NOTE:

- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT MORE THAN 44" MIN. A.F.F. - R310.2 - FBCR (2023)
- IN DWELLING UNITS, WHERE THE BOTTOM OF THE CLEAR OPENING OF AN OPERABLE WINDOW OPENING IS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

**FLOOR PLAN W/ NOTES "B"**  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 000, PARADISO GRANDE  
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**FLOOR PLAN W/ NOTES**

**AQUAMARINE**

**PARADISO GRANDE**

REVISIONS	BY

2913

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET 03B.1

OF SHEETS

**LOAD INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTIAL CODE

**DEAD LOADS**

FLOOR: STRUCTURE	1 PSF
CEILINGS	3 PSF
MECH/ELEC	5 PSF
PARTITIONS	5 PSF
<b>TOTAL</b>	<b>20 PSF</b>

**ROOF: LIVE LOADS**

SHEATHING	5 PSF
STRUCTURE	1 PSF
CEILINGS	3 PSF
MECH/ELEC	5 PSF
<b>TOTAL</b>	<b>20 PSF</b>

**FLOOR LIVE LOADS**

RESIDENTIAL FLOOR:	40 PSF
UNINHABITABLE ATTIC WITHOUT STORAGE:	10 PSF
UNINHABITABLE ATTIC W/LIMITED STORAGE:	20 PSF

**ROOMS OTHER THAN SLEEPING ROOM:**

SLEEPING ROOM:	40 PSF
SLEEPING ROOM:	30 PSF
STAIR LIVE LOAD:	40 PSF
BALCONIES:	40 PSF
PASSENGER VEHICLE GARAGE:	50 PSF

**ROOF LIVE LOADS**

MINIMUM ROOF LIVE LOAD (PSF) TRIBUTARY LOADED AREA (SQ. FT.) FOR ANY STRUCTURAL MEMBER			
ROOF SLOPE	0-200	201-600	OVER 600
0:12 < 4:12	20	16	12
≥ 4:12 < 12:12	16	14	12
≥ 12:12	12	12	12

**WIND INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTIAL CODE

- BASIC WIND SPEED: 140 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: B
- BUILDING TYPE: V-B
- ENCLOSURE CLASSIFICATION: +/-1B, INCLUDED INTERNAL PRESSURE IN NOTE #6
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:

+ XXX DESIGN WIND PRESSURE IAW FLA  
- XXX RESIDENTIAL CODE, SECTION R301

NOTE: DESIGN PRESSURES BASED ON BASIC WIND SPEED AND NOT ULTIMATE WIND SPEED.

**GENERAL NOTES**

- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
- VENT DRYER THRU ROOF.
- PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
- DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
- MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
- |  |   |
|--|---|
|  | DENOTES CONC. BLOCK WALL HGT. @ 10'-0" A.F.F. |
|  | DENOTES CONC. BLOCK WALL HGT. @ X'-0" A.F.F.  |
- REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
- REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
- ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M1307.1 - M1307.2
- ALL INTER. FIRST FLOOR CEILINGS AT 10'-0" UNLESS NOTED OTHERWISE.
- ALL INTER. SECOND FLOOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.

NOTE: 1. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20MIN. FIRE RATED IAW R302.5.1

NOTE: TEMPERED GLAZING IS REQUIRED AT ALL HAZARDOUS LOCATIONS AS DEFINED IN FBC R308.4

PER FBC R301- TABLE R301.5

GUARDRAILS & HANDRAILS	CONC. LOAD	200 LBS
GUARDRAIL IN - FILL COMPONENTS	CONC. LOAD	50 LBS
STAIRS	CONC. LOAD	300 LBS

PER FBC R312- R312.12 & R312.13 & R311.1.1

GUARDRAILS HEIGHT	36" MIN.
HANDRAIL HEIGHT	34" MIN. TO 38" MAX.
GUARDRAIL OPENING LIMITATIONS	4" IN DIAMETER MAX.

NOTE: HANDRAIL CONTINUITY PER R311.1.2- HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1/2" (38MM) BETWEEN THE WALL AND THE HANDRAIL.

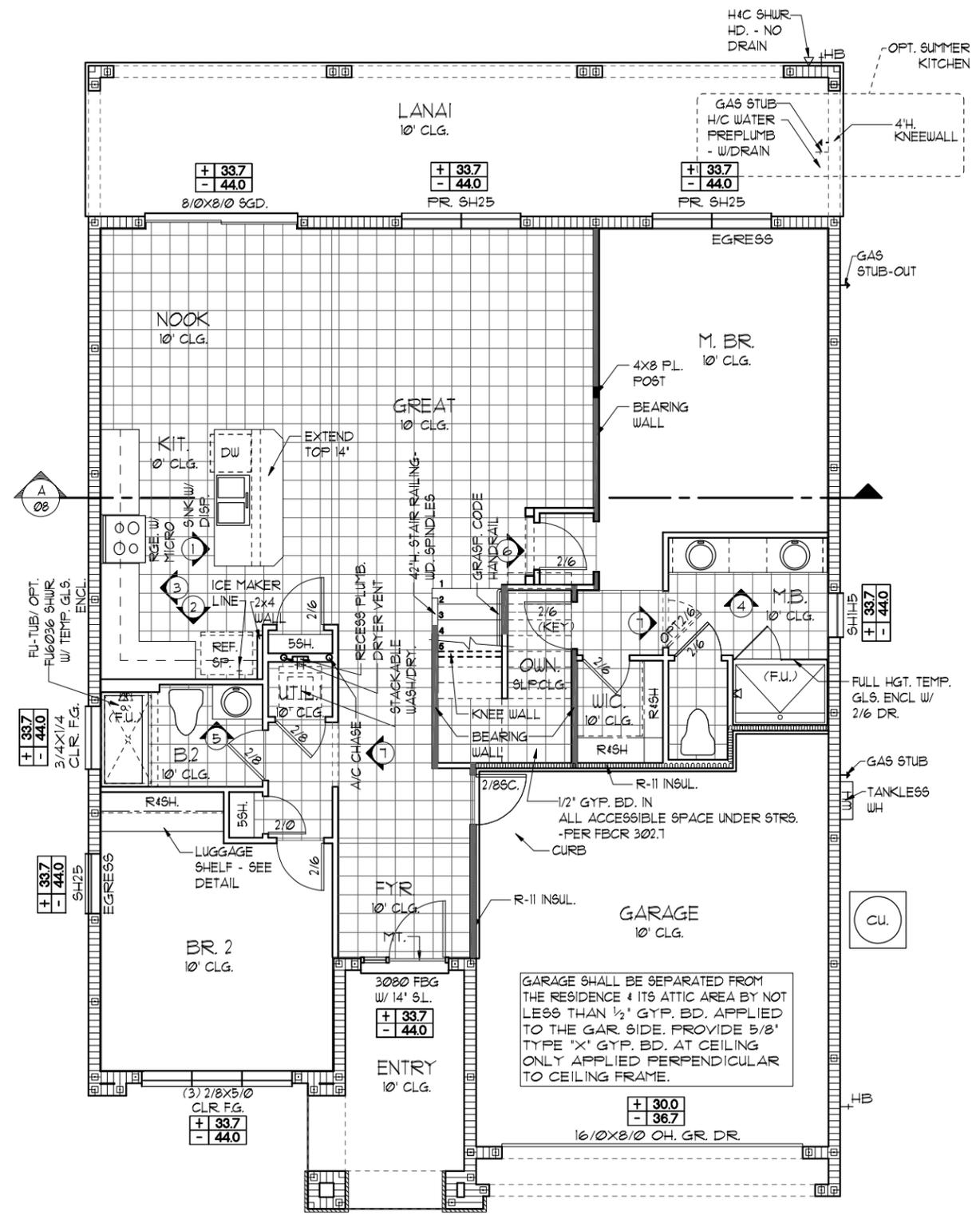
EERO- R310.2.1- FBCR2023

SH25	NET CLEAR OPNG. HEIGHT 32' X NET CLEAR OPNG. WIDTH 21 1/2' = 6.119 SQFT	NET CLEAR OPENING OF NOT LESS THAN 5.1 SQFT MIN. NET CLEAR OPNG. HEIGHT DIMENSION SHALL BE 24'. THE MIN. NET CLEAR OPNG. WIDTH DIMENSION SHALL BE 20'.
SH25	63" H. X 31" W. WDW SIZE	MIN. NET CLEAR OPNG. FOR GRADE-FLOOR EMERGENCY ESCAPE AND RESCUE OPNG. SHALL BE 5 SQFT

NOTE:

- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT MORE THAN 44" MIN. AFF.- R310.2 - FBCR (2023)
- IN DWELLING UNITS, WHERE THE BOTTOM OF THE CLEAR OPENING OF AN OPERABLE WINDOW OPENING IS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

**FLOOR PLAN W/ NOTES "C"**  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 000, PARADISO GRANDE  
THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

**PARADISO GRANDE**

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Phone: (407) 734-1700  
www.iteg.com

**Park Square HOMES**

FLOOR PLAN W/ NOTES

REVISIONS	BY

2913

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET

**03C.0**

OF SHEETS

**LOAD INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING  
RESIDENTIAL CODE

**DEAD LOADS**

FLOOR: STRUCTURE	1 PSF
CEILING	3 PSF
MECH/ELEC	5 PSF
PARTITIONS	5 PSF
<b>TOTAL</b>	<b>20 PSF</b>

**ROOF: SHEATHING** 5 PSF  
**STRUCTURE** 1 PSF  
**CEILING** 3 PSF  
**MECH/ELEC** 5 PSF  
**TOTAL** 20 PSF

**FLOOR LIVE LOADS**

RESIDENTIAL FLOOR:	40 PSF
UNINHABITABLE ATTIC WITHOUT STORAGE:	10 PSF
UNINHABITABLE ATTIC W/LIMITED STORAGE:	20 PSF
ROOMS OTHER THAN SLEEPING ROOM:	40 PSF
SLEEPING ROOM:	30 PSF
STAIR LIVE LOAD:	40 PSF
BALCONIES:	40 PSF
PASSENGER VEHICLE GARAGE:	50 PSF

**PER FBC R301- TABLE R301.5**

GUARDRAILS & HANDRAILS	CONC. LOAD	200 LBS
GUARDRAIL IN - FILL COMPONENTS	CONC. LOAD	50 LBS
STAIRS	CONC. LOAD	300 LBS

**PER FBC R312- R312.12 & R312.13 & R311.10.1**

GUARDRAILS HEIGHT	36" MIN.
HANDRAIL HEIGHT	34" MIN. TO 38" MAX.
GUARDRAIL OPENING LIMITATIONS	4" IN DIAMETER MAX.

**EERO- R3102.1- FBCR2023**

SH25	NET CLEAR OPNG. HEIGHT 32' X NET CLEAR OPNG. WIDTH 21 1/2' = 6.119 SQFT	NET CLEAR OPENING OF NOT LESS THAN 5.1 SQFT MIN. NET CLEAR OPNG. HEIGHT DIMENSION SHALL BE 24'. THE MIN. NET CLEAR OPNG. WIDTH DIMENSION SHALL BE 20'.
SH25	63" H. X 31" W. WDW SIZE	MIN. NET CLEAR OPNG. FOR GRADE-FLOOR EMERGENCY ESCAPE AND RESCUE OPNG. SHALL BE 5 SQFT

**MINIMUM ROOF LIVE LOAD (PSF) TRIBUTARY LOADED AREA (SQ. FT.) FOR ANY STRUCTURAL MEMBER**

ROOF SLOPE	0-200	201-600	OVER 600
0:12 < 4:12	20	16	12
≥ 4:12 < 12:12	16	14	12
≥ 12:12	12	12	12

**WIND INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING  
RESIDENTIAL CODE

- BASIC WIND SPEED: 140 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: B
- BUILDING TYPE: V B
- ENCLOSURE CLASSIFICATION: +/-1.0, INCLUDED INTERNAL PRESSURE IN NOTE #6
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:

+ XXX DESIGN WIND PRESSURE IAW FLA  
- XXX RESIDENTIAL CODE, SECTION R301  
NOTE: DESIGN PRESSURES BASED ON BASIC WIND SPEED AND NOT ULTIMATE WIND SPEED.

**GENERAL NOTES**

- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
- VENT DRYER THRU ROOF.
- PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
- DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
- MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
- |           |   |
|-----------|---|
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ 10'-0" A.F.F. |
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ X'-0" A.F.F.  |
- REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
- REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
- ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M1307.1 - M1307.2
- ALL INTER. FIRST FLOOR CEILING AT 10'-0" UNLESS NOTED OTHERWISE.  
ALL INTER. SECOND FLOOR CEILING AT 9'-0" UNLESS NOTED OTHERWISE.

NOTE: 1. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20MIN. FIRE RATED IAW R302.5.1

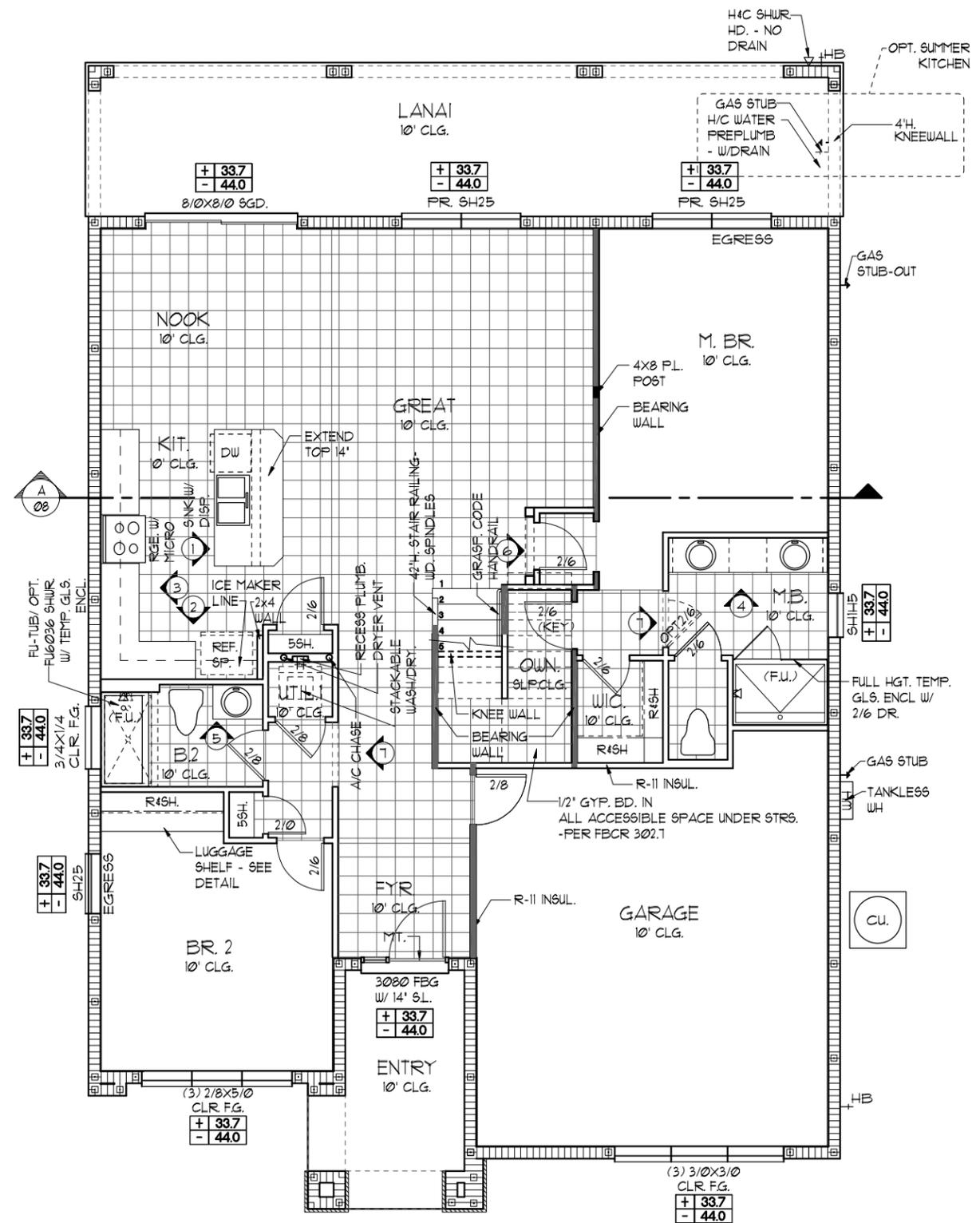
NOTE: TEMPERED GLAZING IS REQUIRED AT ALL HAZARDOUS LOCATIONS AS DEFINED IN FBC R308.4

NOTE: HANDRAIL CONTINUITY PER R311.10.2- HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1/2" (38MM) BETWEEN THE WALL AND THE HANDRAIL.

NOTE:  
• ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT MORE THAN 44" MIN. AFF. - R310.2 - FBCR (2023)  
• IN DWELLING UNITS, WHERE THE BOTTOM OF THE CLEAR OPENING OF AN OPERABLE WINDOW OPENING IS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

**FLOOR PLAN W/ NOTES "C"**

1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 000, PARADISO GRANDE  
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www.iteg.com

**REVISIONS**

NO.	DESCRIPTION	DATE

**FLOOR PLAN W/ NOTES**

**AQUAMARINE**

**PARADISO GRANDE**

2913

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET

**03C.1**

OF SHEETS

**LOAD INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTIAL CODE

**DEAD LOADS**

FLOOR: STRUCTURE	1 PSF
CEILINGS	3 PSF
MECH/ELEC	5 PSF
PARTITIONS	5 PSF
<b>TOTAL</b>	<b>20 PSF</b>

**ROOF: SHEATHING** 5 PSF  
**STRUCTURE** 1 PSF  
**CEILINGS** 3 PSF  
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**TOTAL** 20 PSF

**FLOOR LIVE LOADS**

RESIDENTIAL FLOOR:	40 PSF
UNINHABITABLE ATTIC WITHOUT STORAGE:	10 PSF
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STAIR LIVE LOAD:	40 PSF
BALCONIES:	40 PSF
PASSANGER VEHICLE GARAGE:	50 PSF

**ROOF LIVE LOADS**

MINIMUM ROOF LIVE LOAD (PSF) TRIBUTARY LOADED AREA (SQ. FT.) FOR ANY STRUCTURAL MEMBER			
ROOF SLOPE	0-200	201-600	OVER 600
0-12 < 4:12	20	16	12
> 4:12 < 12:12	16	14	12
> 12:12	12	12	12

**PER FBC R301- TABLE R301.5**

GUARDRAILS & HANDRAILS	CONC. LOAD	200 LBS
GUARDRAIL IN - FILL COMPONENTS	CONC. LOAD	50 LBS
STAIRS	CONC. LOAD	300 LBS

**PER FBC R312- R312.12 & R312.13 & R311.10.1**

GUARDRAILS HEIGHT	36" MIN.
HANDRAIL HEIGHT	34" MIN. TO 38" MAX.
GUARDRAIL OPENING LIMITATIONS	4" IN DIAMETER MAX.

**EERO- R310.2.1- FBCR2023**

SH25	NET CLEAR OPNG. HEIGHT 32' X NET CLEAR OPNG. WIDTH 21 1/2' = 6.119 SQFT	NET CLEAR OPENING OF NOT LESS THAN 5.1 SQFT MIN. NET CLEAR OPNG. HEIGHT DIMENSION SHALL BE 24". THE MIN. NET CLEAR OPNG. WIDTH DIMENSION SHALL BE 20".
SH25	63" H. X 31" W. WDW SIZE	MIN. NET CLEAR OPNG. FOR GRADE-FLOOR EMERGENCY ESCAPE AND RESCUE OPNG. SHALL BE 5 SQFT

**WIND INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTIAL CODE

- BASIC WIND SPEED: 140 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: B
- BUILDING TYPE: V B
- ENCLOSURE CLASSIFICATION: +/- 1B, INCLUDED INTERNAL PRESSURE IN NOTE #6
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:

+ XXX DESIGN WIND PRESSURE IAW FLA  
- XXX RESIDENTIAL CODE, SECTION R301

NOTE: DESIGN PRESSURES BASED ON BASIC WIND SPEED AND NOT ULTIMATE WIND SPEED.

**GENERAL NOTES**

- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
- VENT DRYER THRU ROOF.
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- REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
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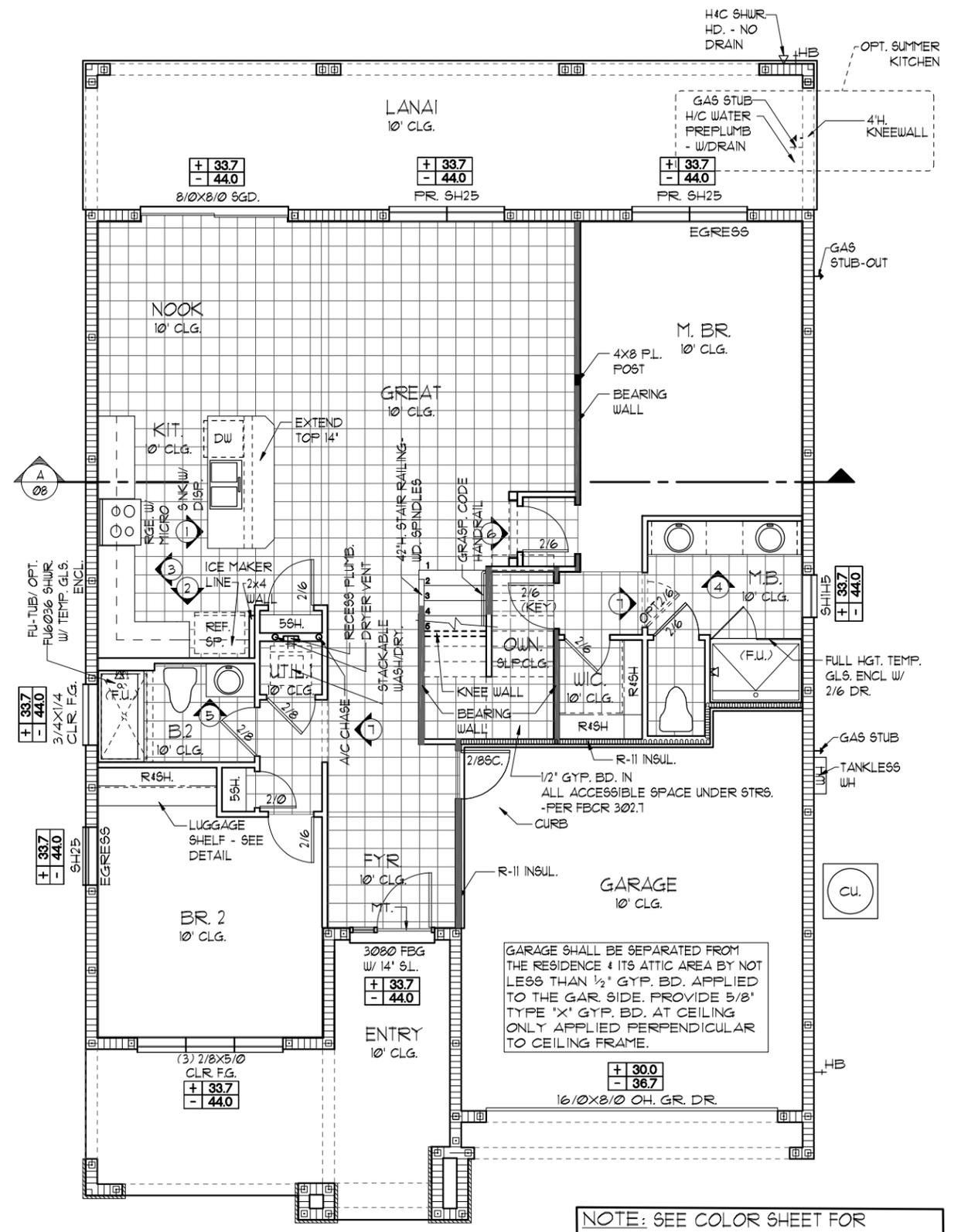
NOTE: TEMPERED GLAZING IS REQUIRED AT ALL HAZARDOUS LOCATIONS AS DEFINED IN FBC R308.4

NOTE: HANDRAIL CONTINUITY PER R311.10.2- HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1/2" (38MM) BETWEEN THE WALL AND THE HANDRAIL.

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**FLOOR PLAN W/ NOTES "D"**  
1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 000, PARADISO GRANDE  
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FLOOR PLAN W/ NOTES

AQUAMARINE  
PARADISO GRANDE

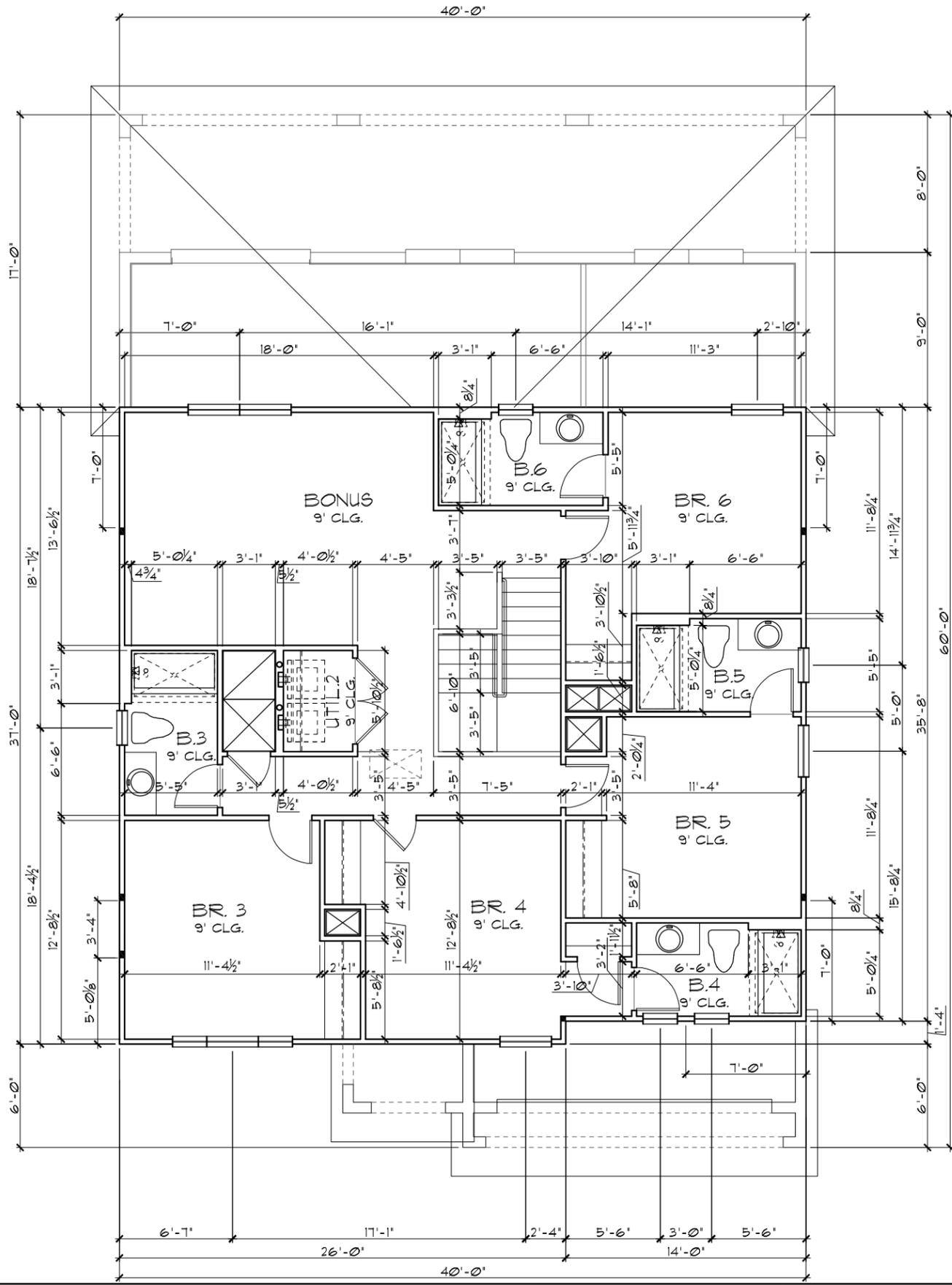
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DATE 04-09-21  
SCALE AS NOTED  
DRAWN RDC  
JOB 2913  
SHEET 03D.0  
OF SHEETS

- GENERAL NOTES**
1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
  2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
  3. ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3/2" UNLESS NOTED OTHERWISE.
  4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 1 1/2" UNLESS NOTED OTHERWISE.
  5. ALL INTERIOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.
  6. MECHANICAL EQUIPMENT LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.

**UPPER FLOOR PLAN W/  
DIMENSIONS "A"**

1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)



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**LOT: 0000, PARADISO GRANDE**

DATE	04-09-21
SCALE	AS NOTED
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JOB	2913
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**AQUAMARINE**  
**UPPER FLOOR PLAN W/  
DIMENSIONS**

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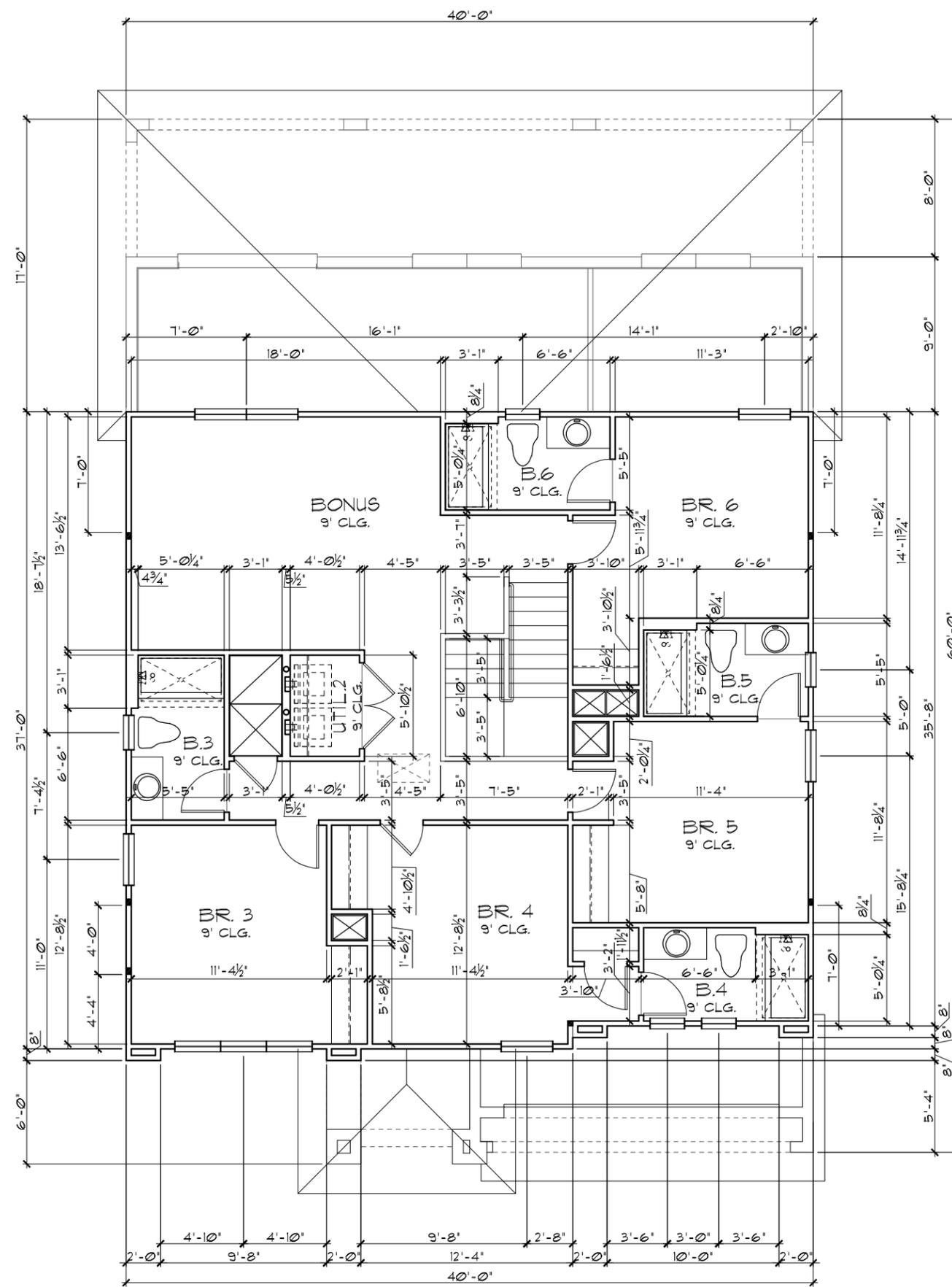
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  5. ALL INTERIOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.
  6. MECHANICAL EQUIPMENT LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.

**UPPER FLOOR PLAN W/  
DIMENSIONS "B"**

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



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**LOT: 0000, PARADISO GRANDE**

**PARADISO GRANDE**

DATE	04-09-21
SCALE	AS NOTED
DRAWN	RDC
JOB	2913
SHEET	04B.0
OF SHEETS	04

**AQUAMARINE**  
**UPPER FLOOR PLAN W/  
DIMENSIONS**

**Park Square HOMES**

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REVISIONS	BY

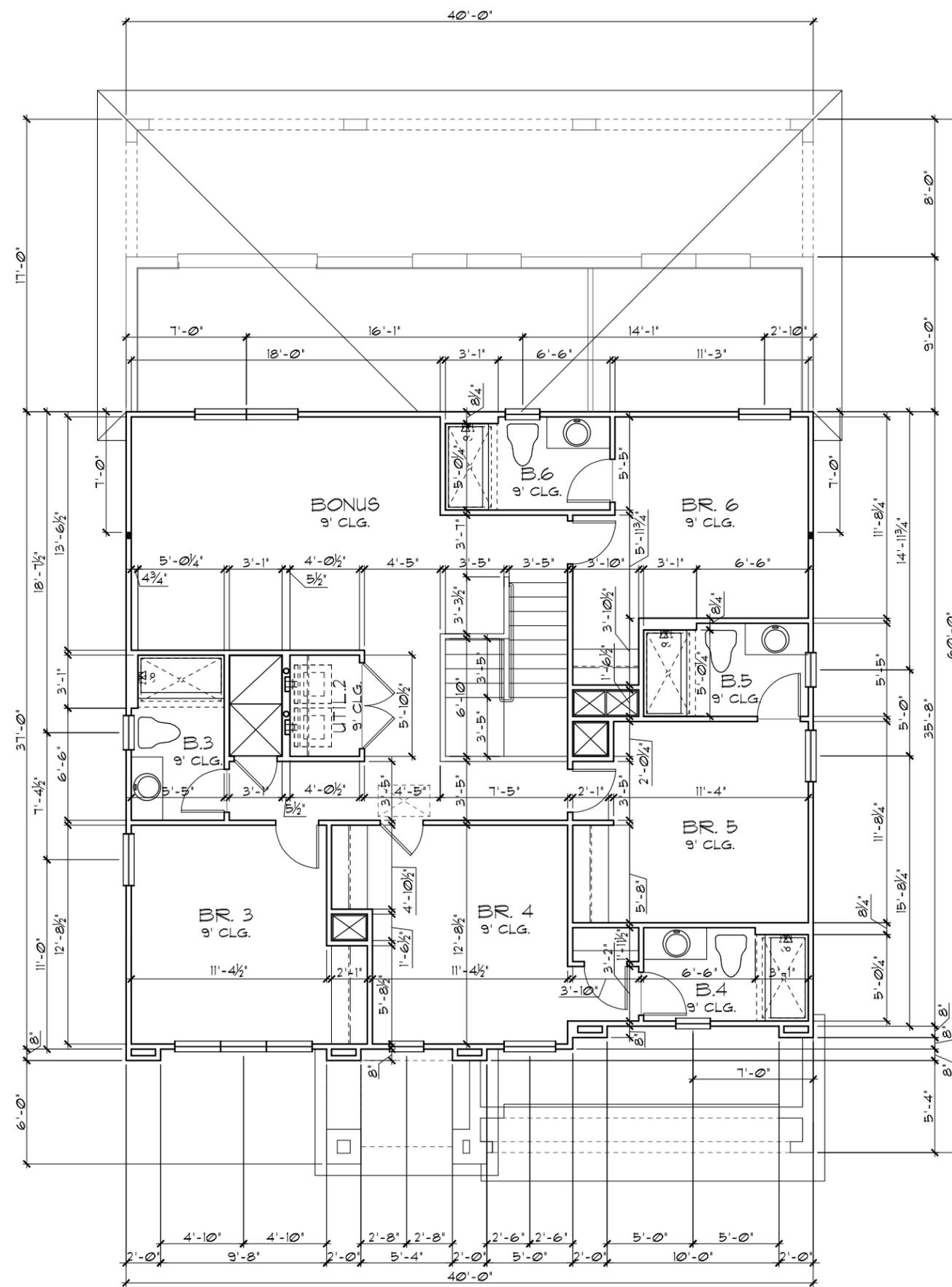
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UPPER FLOOR PLAN W/  
DIMENSIONS "C"

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



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LOT: 0000, PARADISO GRANDE

DATE	04-09-21
SCALE	AS NOTED
DRAWN	RDC
JOB	2913
SHEET	04C.0
SHEETS	9

AQUAMARINE  
PARADISO GRANDE  
UPPER FLOOR PLAN W/  
DIMENSIONS

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REVISIONS	BY

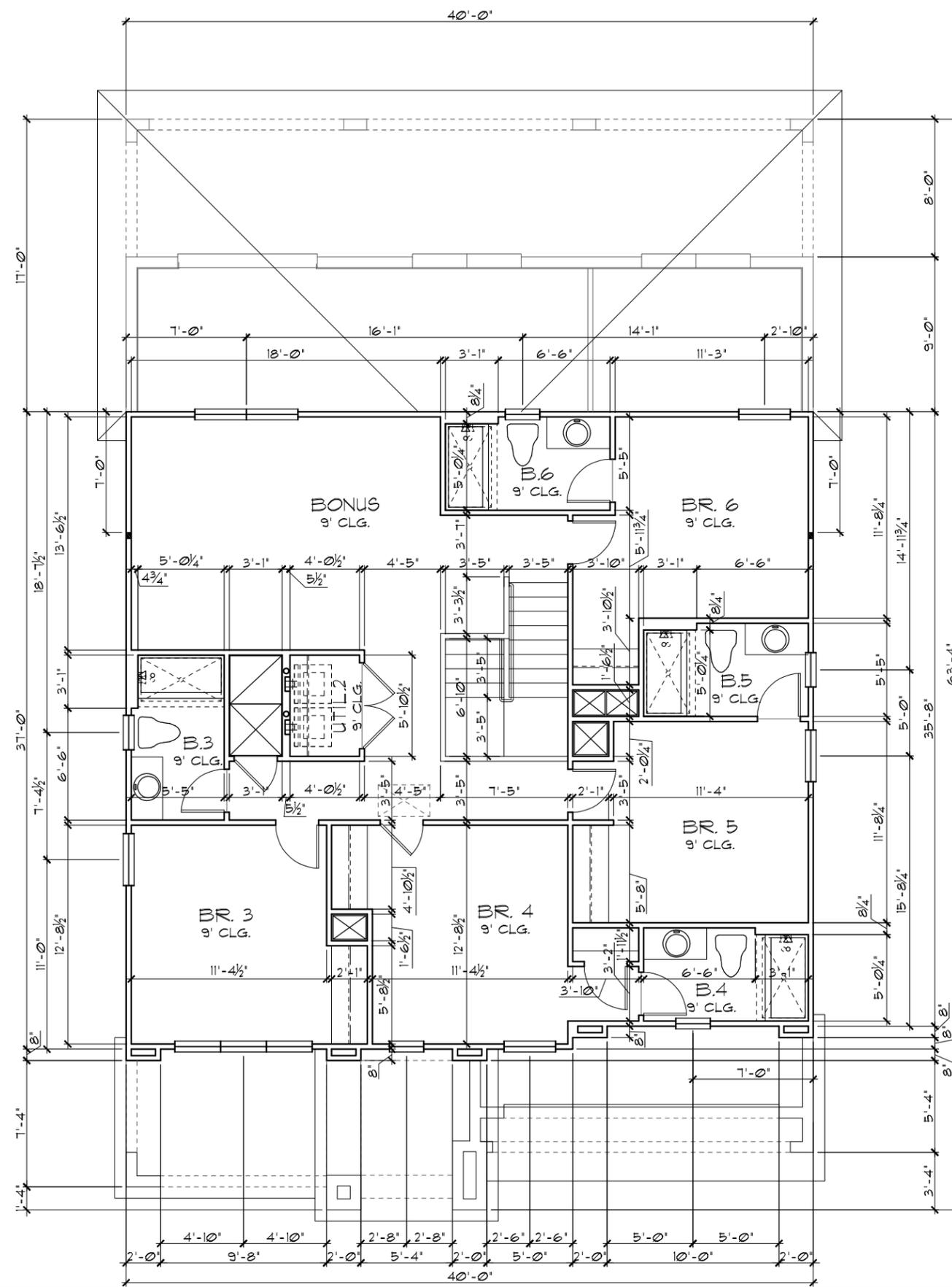
PARADISO GRANDE

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UPPER FLOOR PLAN W/  
DIMENSIONS "D"

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 AQUAMARINE  
 PARADISO GRANDE

DATE	04-09-21
SCALE	AS NOTED
DRAWN	RD C
JOB	2913
SHEET	04D.0
OF SHEETS	04

**UPPER FLOOR PLAN W/  
DIMENSIONS**

**Park Square HOMES**

A DIVISION OF PARK SQUARE ENTERPRISES, INC.  
 5200 Vlneland Road, Suite 200  
 Orlando, Florida, 32811  
 Phone: (407) 529 - 3000

REVISIONS	BY

**ITEG**  
 THOMPSON ENGINEERING GROUP, INC.  
 10000 W. Colonial Blvd., Suite 400  
 Orlando, FL 32817  
 Tel: (407) 734-1400  
 Fax: (407) 734-1790  
 www.iteg.com

**PARADISO GRANDE**

**LOAD INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING  
RESIDENTIAL CODE

**DEAD LOADS**

FLOOR: STRUCTURE	1 PSF
CEILING	3 PSF
MECH/ELEC	5 PSF
PARTITIONS	5 PSF
<b>TOTAL</b>	<b>20 PSF</b>

**ROOF: LIVE LOADS**

SHEATHING	5 PSF
STRUCTURE	1 PSF
CEILING	3 PSF
MECH/ELEC	5 PSF
<b>TOTAL</b>	<b>20 PSF</b>

**FLOOR LIVE LOADS**

RESIDENTIAL FLOOR:	40 PSF
UNINHABITABLE ATTIC WITHOUT STORAGE:	10 PSF
UNINHABITABLE ATTIC W/LIMITED STORAGE:	20 PSF

**ROOMS OTHER THAN SLEEPING ROOM:**

SLEEPING ROOM:	40 PSF
SLEEPING ROOM:	30 PSF
STAIR LIVE LOAD:	40 PSF
BALCONIES:	40 PSF
PASSANGER VEHICLE GARAGE:	50 PSF

**ROOF LIVE LOADS**

MINIMUM ROOF LIVE LOAD (PSF) TRIBUTARY LOADED AREA (SQ. FT.) FOR ANY STRUCTURAL MEMBER				
ROOF SLOPE	0-200	201-600	OVER 600	
0:12 < 4:12	20	16	12	
≥ 4:12 < 12:12	16	14	12	
≥ 12:12	12	12	12	

**WIND INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING  
RESIDENTIAL CODE

- BASIC WIND SPEED: 140 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: B
- BUILDING TYPE: V-B
- ENCLOSURE CLASSIFICATION: +/-1.0, INCLUDED INTERNAL PRESSURE IN NOTE #6 COEFFICIENT:
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:

+ XXX DESIGN WIND PRESSURE IAW FLA  
- XXX RESIDENTIAL CODE, SECTION R301  
NOTE: DESIGN PRESSURES BASED ON BASIC WIND SPEED AND NOT ULTIMATE WIND SPEED.

**GENERAL NOTES**

- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
- VENT DRYER THRU ROOF.
- PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
- DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
- MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
- |           |                                     |
|-----------|-------------------------------------|
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ N/A |
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ N/A |
- REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
- REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
- ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M1307.1 - M1307.2
- ALL INTER. FIRST FLOOR CEILINGS AT 10'-0" UNLESS NOTED OTHERWISE.  
ALL INTER. SECOND FLOOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.

NOTE: 1. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20MIN. FIRE RATED IAW R302.5.1

NOTE: TEMPERED GLAZING IS REQUIRED AT ALL HAZARDOUS LOCATIONS AS DEFINED IN FEC R308.4

PER FBC R301- TABLE R301.5

GUARDRAILS & HANDRAILS	CONC. LOAD	200 LBS
GUARDRAIL IN - FILL COMPONENTS	CONC. LOAD	50 LBS
STAIRS	CONC. LOAD	300 LBS

PER FBC R312- R312.12 & R312.13 & R311.1.8.1

GUARDRAILS HEIGHT	36" MIN.
HANDRAIL HEIGHT	34" MIN. TO 38" MAX.
GUARDRAIL OPENING LIMITATIONS	4" IN DIAMETER MAX.

NOTE: HANDRAIL CONTINUITY PER R311.1.2.2- HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1/2" (38MM) BETWEEN THE WALL AND THE HANDRAIL.

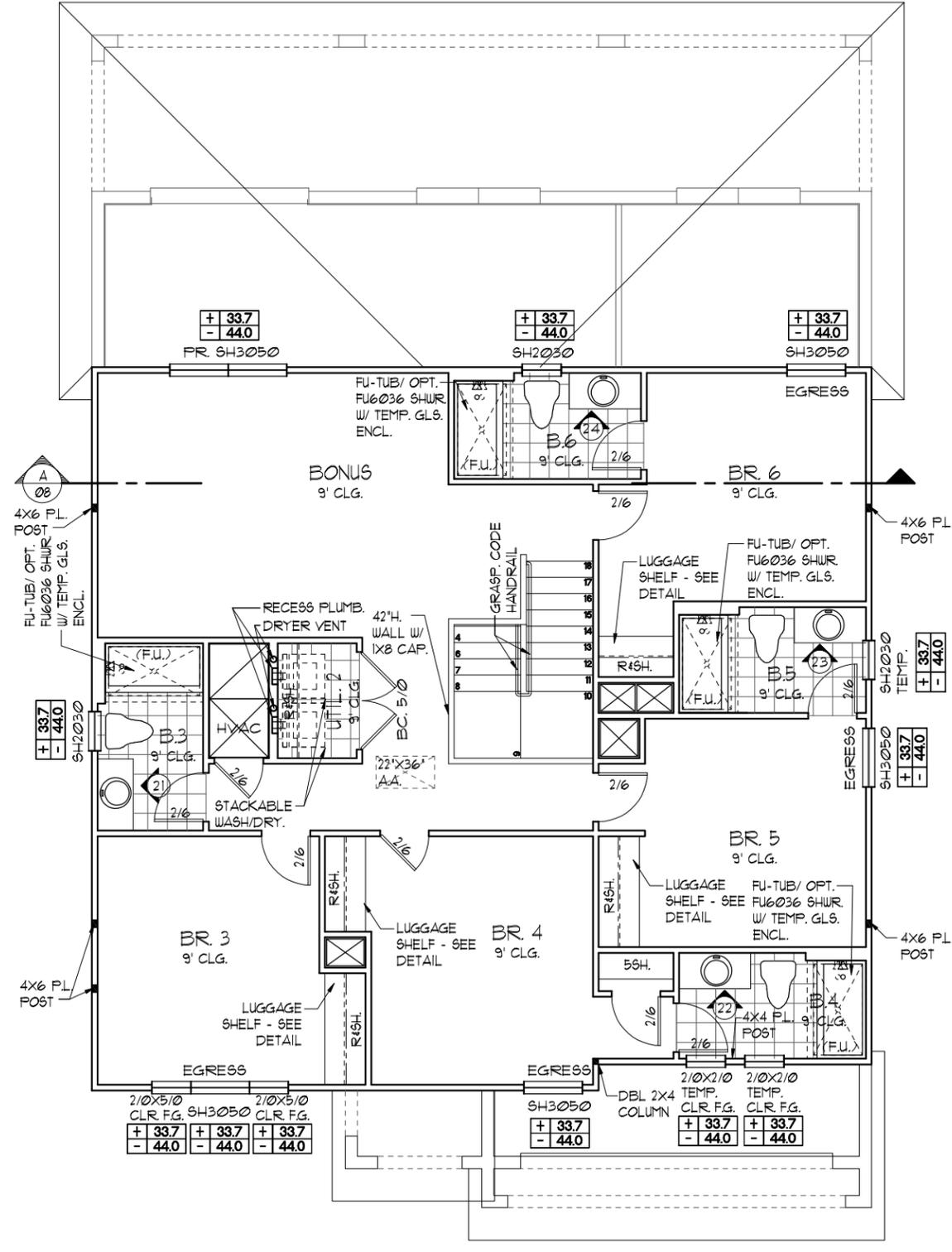
EERO- R310.2.1- FBCR2023

SH25	NET CLEAR OPNG. HEIGHT 32' X NET CLEAR OPNG. WIDTH 21 1/2' = 6.119 SQFT	NET CLEAR OPENING OF NOT LESS THAN 5.7 SQFT MIN. NET CLEAR OPNG. HEIGHT DIMENSION SHALL BE 24'. THE MIN. NET CLEAR OPNG. WIDTH DIMENSION SHALL BE 20'.
SH25	63" H. X 31" W. WDW SIZE	MIN. NET CLEAR OPNG. FOR GRADE-FLOOR EMERGENCY ESCAPE AND RESCUE OPNG. SHALL BE - 5 SQFT

NOTE:

- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT MORE THAN 44" MIN. AFF.- R310.2 - FBCR (2023)
- IN DWELLING UNITS, WHERE THE BOTTOM OF THE CLEAR OPENING OF AN OPERABLE WINDOW OPENING IS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

**UPPER FLOOR PLAN NOTES "A"**  
1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 000, PARADISO GRANDE  
THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

**PARADISO GRANDE**

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10000 Lake Nona Blvd, Suite 100  
Orlando, FL 32826  
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Fax: (407) 734-1790  
www.iteg.com

**REVISIONS**

NO.	DESCRIPTION	DATE	BY

**FLOOR PLAN W/ NOTES**

**AQUAMARINE**

**PARADISO GRANDE**

2913

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET 05A.0

OF SHEETS

**LOAD INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING  
RESIDENTIAL CODE

**DEAD LOADS**

FLOOR: STRUCTURE	1 PSF
CEILINGS	3 PSF
MECH/ELEC	5 PSF
PARTITIONS	5 PSF
<b>TOTAL</b>	<b>20 PSF</b>

**ROOF: SHEATHING** 5 PSF  
**STRUCTURE** 1 PSF  
**CEILINGS** 3 PSF  
**MECH/ELEC** 5 PSF  
**TOTAL** 20 PSF

**FLOOR LIVE LOADS**

RESIDENTIAL FLOOR: 40 PSF  
UNINHABITABLE ATTIC WITHOUT STORAGE: 10 PSF  
UNINHABITABLE ATTIC W/LIMITED STORAGE: 20 PSF  
ROOMS OTHER THAN SLEEPING ROOM: 40 PSF  
SLEEPING ROOM: 30 PSF  
STAIR LIVE LOAD: 40 PSF  
BALCONIES: 40 PSF  
PASSENGER VEHICLE GARAGE: 50 PSF

**ROOF LIVE LOADS**

MINIMUM ROOF LIVE LOAD (PSF) TRIBUTARY LOADED AREA (SQ. FT.) FOR ANY STRUCTURAL MEMBER				
ROOF SLOPE	0-200	201-600	OVER 600	
0:12 < 4:12	20	16	12	
≥ 4:12 < 12:12	16	14	12	
≥ 12:12	12	12	12	

**WIND INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING  
RESIDENTIAL CODE

- BASIC WIND SPEED: 140 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: B
- BUILDING TYPE: V-B
- ENCLOSURE CLASSIFICATION: +/-1B, INCLUDED INTERNAL PRESSURE IN NOTE #6 COEFFICIENT:
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:

**GENERAL NOTES**

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PER FBC R301- TABLE R301.5

GUARDRAILS & HANDRAILS	CONC. LOAD	200 LBS
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PER FBC R312- R312.12 & R312.13 & R311.18.1

GUARDRAILS HEIGHT	36" MIN.
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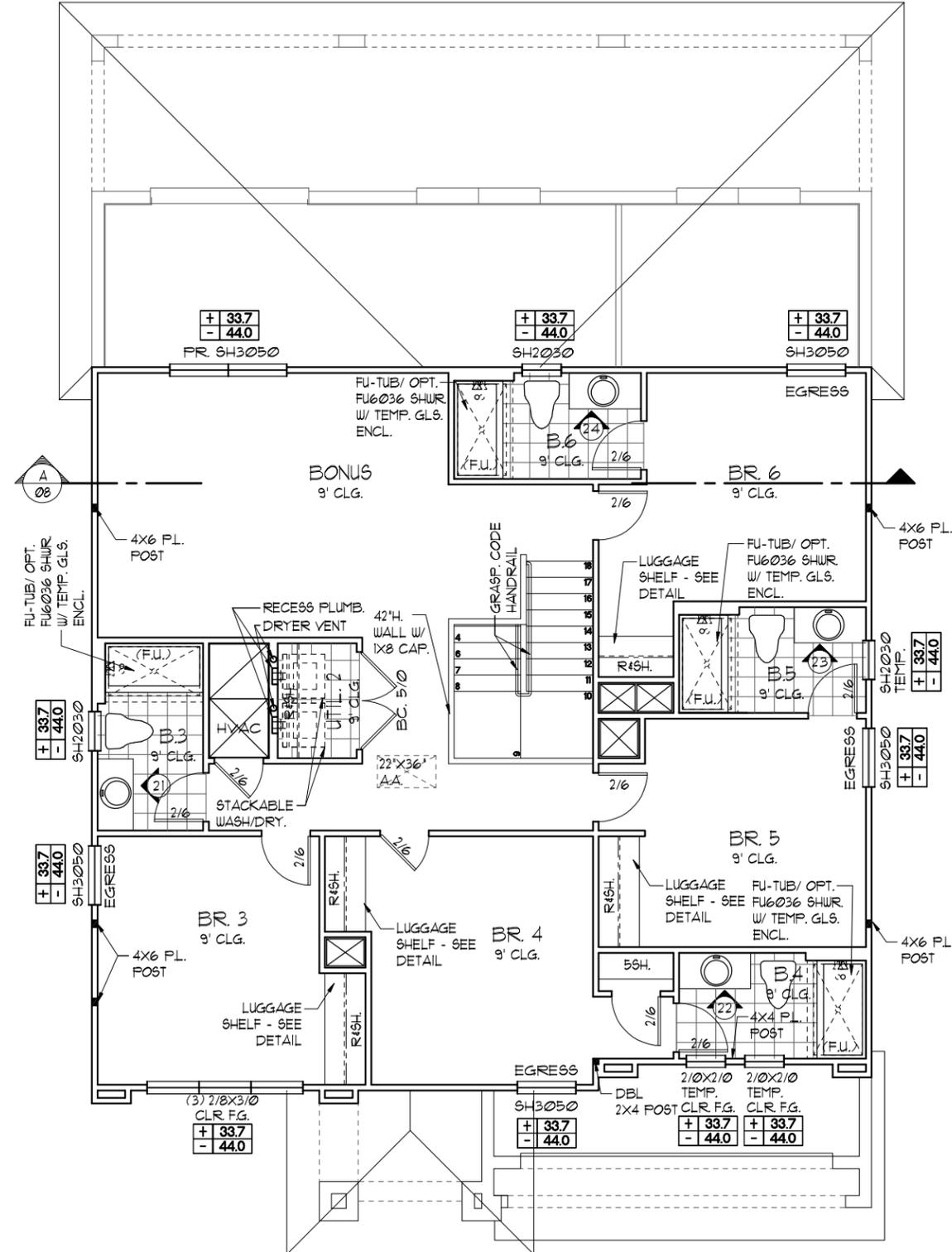
**EERO- R310.2.1- FBCR2023**

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**NOTE:**

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**UPPER FLOOR PLAN NOTES "B"**  
1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)



**NOTE:** SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 000, PARADISO GRANDE  
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FLOOR PLAN W/ NOTES

AQUAMARINE  
PARADISO GRANDE

2913

DATE 04-09-21  
SCALE AS NOTED  
DRAWN RDC  
JOB 2913  
SHEET 05B.0  
OF SHEETS

**LOAD INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING  
RESIDENTIAL CODE

**DEAD LOADS**

FLOOR: STRUCTURE	1 PSF
CEILINGS	3 PSF
MECH/ELEC	5 PSF
PARTITIONS	5 PSF
<b>TOTAL</b>	<b>20 PSF</b>

**ROOF: LIVE LOADS**

SHEATHING	5 PSF
STRUCTURE	1 PSF
CEILINGS	3 PSF
MECH/ELEC	5 PSF
<b>TOTAL</b>	<b>20 PSF</b>

**FLOOR LIVE LOADS**

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UNINHABITABLE ATTIC WITHOUT STORAGE:	10 PSF
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**WIND INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING  
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- WIND EXPOSURE: B
- BUILDING TYPE: V-B
- ENCLOSURE CLASSIFICATION: +/-1B, INCLUDED INTERNAL PRESSURE IN NOTE #6 COEFFICIENT:
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:

+ XXX DESIGN WIND PRESSURE IAW FLA  
- XXX RESIDENTIAL CODE, SECTION R301

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**GENERAL NOTES**

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- |               |                                     |
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NOTE: TEMPERED GLAZING IS REQUIRED AT ALL HAZARDOUS LOCATIONS AS DEFINED IN FBC R308.4

PER FBC R301- TABLE R301.5

GUARDRAILS & HANDRAILS	CONC. LOAD	200 LBS
GUARDRAIL IN - FILL COMPONENTS	CONC. LOAD	50 LBS
STAIRS	CONC. LOAD	300 LBS

PER FBC R312- R312.12 & R312.13 & R311.1.1

GUARDRAILS HEIGHT	36" MIN.
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NOTE: HANDRAIL CONTINUITY PER R311.1.2- HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1/2" (38MM) BETWEEN THE WALL AND THE HANDRAIL.

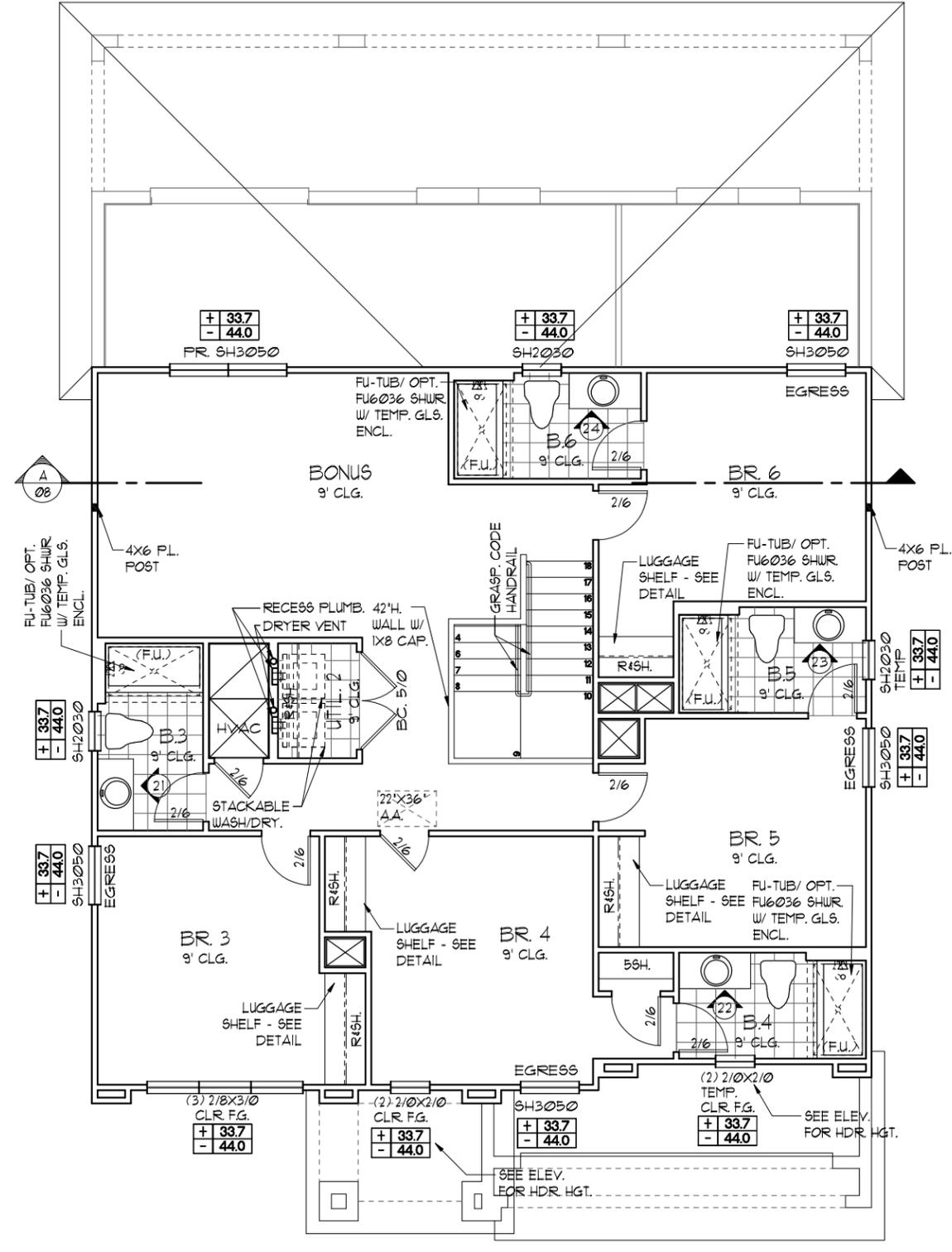
EERO- R310.2.1- FBCR2023

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**LOT: 0000, PARADISO GRANDE**

**PARADISO GRANDE**

**AQUAMARINE**

**2913**

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET

**05C.0**

SHEETS

REVISIONS BY

**ITEG**  
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**Park Square HOMES**

**FLOOR PLAN W/ NOTES**

**LOAD INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING  
RESIDENTIAL CODE

**DEAD LOADS**

FLOOR: STRUCTURE	1 PSF
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PARTITIONS	5 PSF
<b>TOTAL</b>	<b>20 PSF</b>

**ROOF: SHEATHING** 5 PSF  
**STRUCTURE** 1 PSF  
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**TOTAL** 20 PSF

**FLOOR LIVE LOADS**

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**EERO - R310.2.1 - FBCR2023**

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**WIND INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING  
RESIDENTIAL CODE

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- WIND EXPOSURE: B
- BUILDING TYPE: V B
- ENCLOSURE CLASSIFICATION: +/-1B, INCLUDED INTERNAL PRESSURE IN NOTE #6 COEFFICIENT:
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:

+ XXX DESIGN WIND PRESSURE IAW FLA  
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NOTE: DESIGN PRESSURES BASED ON BASIC WIND SPEED AND NOT ULTIMATE WIND SPEED.

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  - |               |                                     |
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PER FBC R301- TABLE R301.5

GUARDRAILS & HANDRAILS	CONC. LOAD	200 LBS
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PER FBC R312- R312.12 & R312.13 & R311.18.1

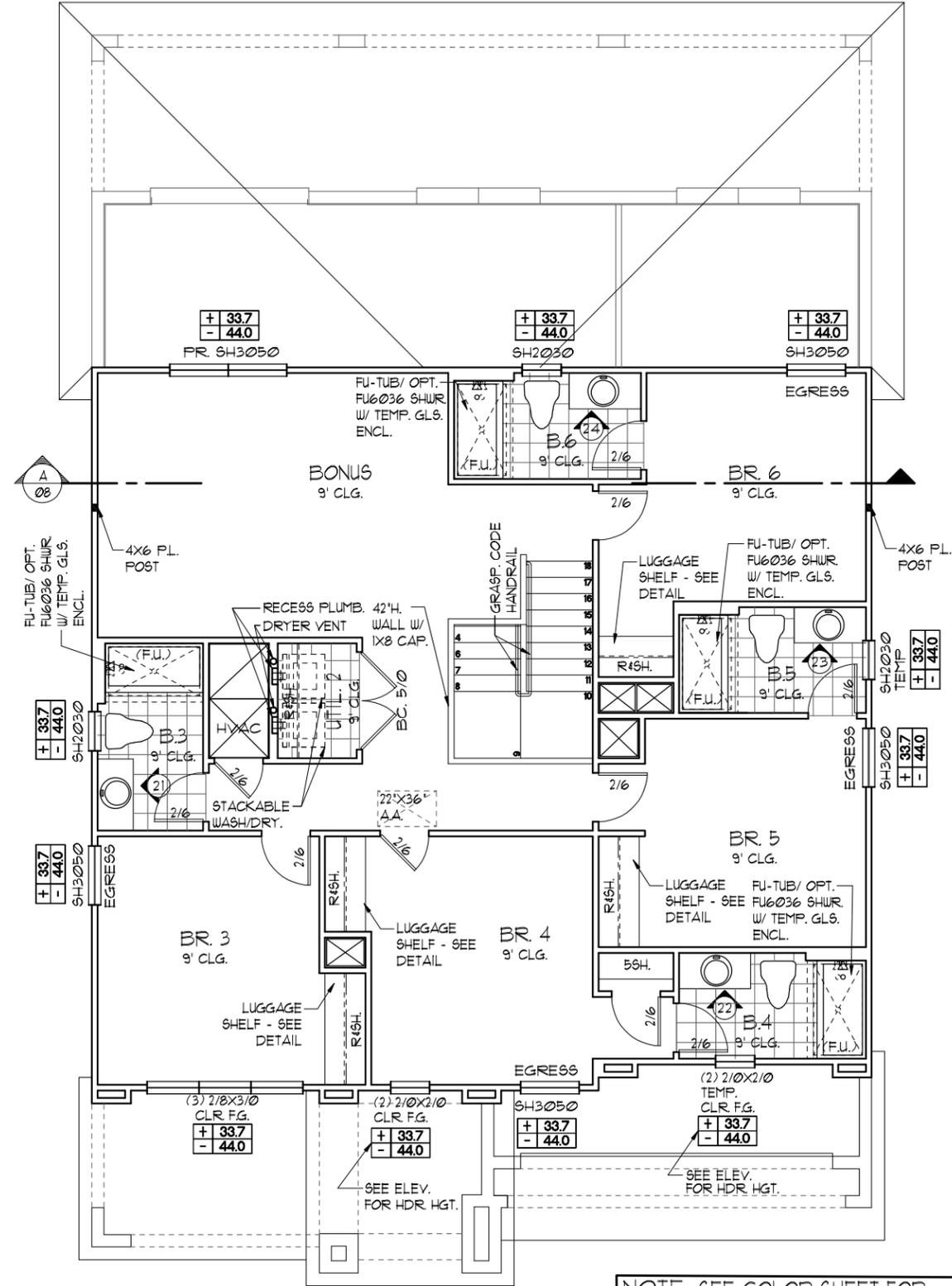
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NOTE: HANDRAIL CONTINUITY PER R311.18.2- HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1/2" (38MM) BETWEEN THE WALL AND THE HANDRAIL.

**NOTE:**

- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT MORE THAN 44" MIN. AFF. - R310.2 - FBCR (2023)
- IN DWELLING UNITS, WHERE THE BOTTOM OF THE CLEAR OPENING OF AN OPERABLE WINDOW OPENING IS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

**UPPER FLOOR PLAN NOTES "D"**  
1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 000, PARADISO GRANDE  
THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

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NO.	DESCRIPTION	DATE	BY

**FLOOR PLAN W/ NOTES**

**AQUAMARINE**

**PARADISO GRANDE**

2913

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

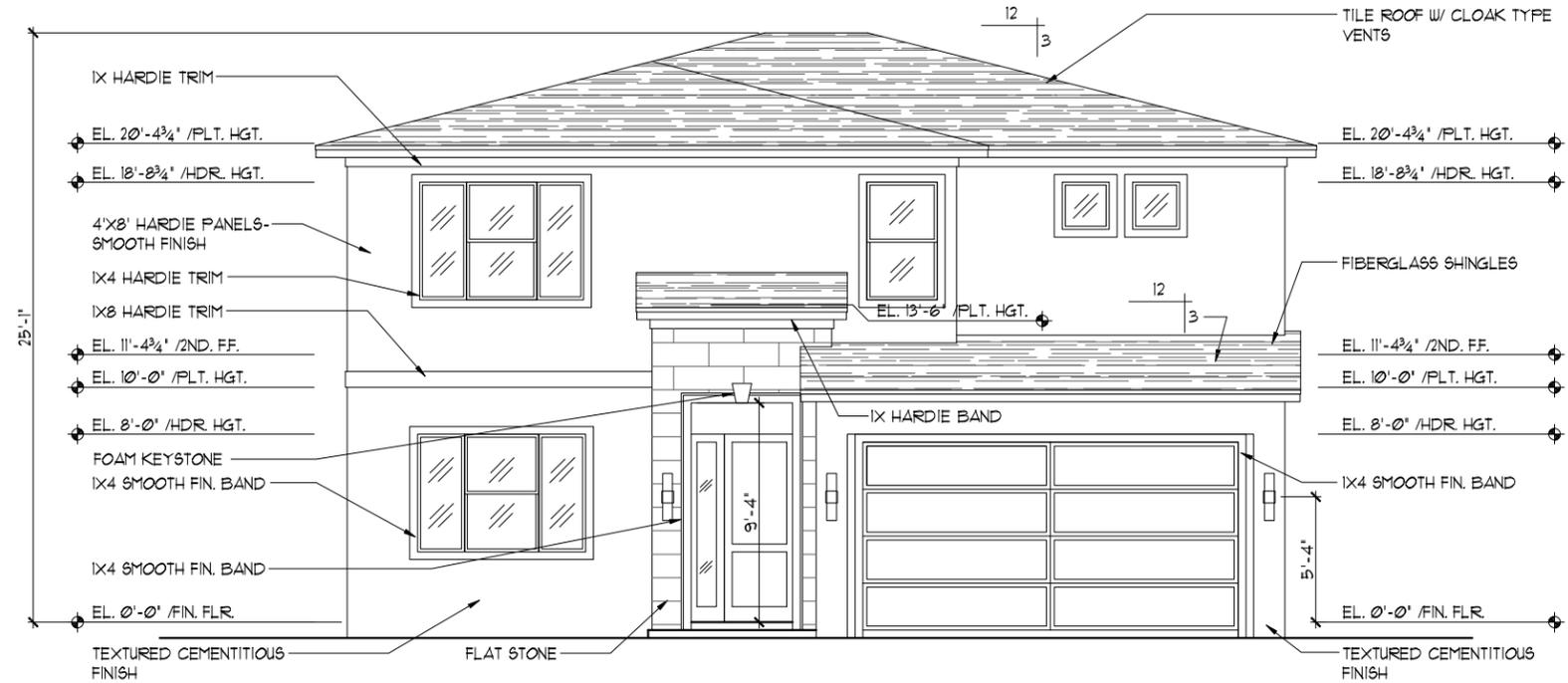
JOB 2913

SHEET 05D.0

OF SHEETS

**EXTERIOR FINISH NOTES**

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**FRONT ELEVATION "A"**

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**REAR ELEVATION**

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

LOT: 0000, PARADISO GRANDE

EXTERIOR ELEVATION "A"  
FRONT AND REAR

AQUAMARINE  
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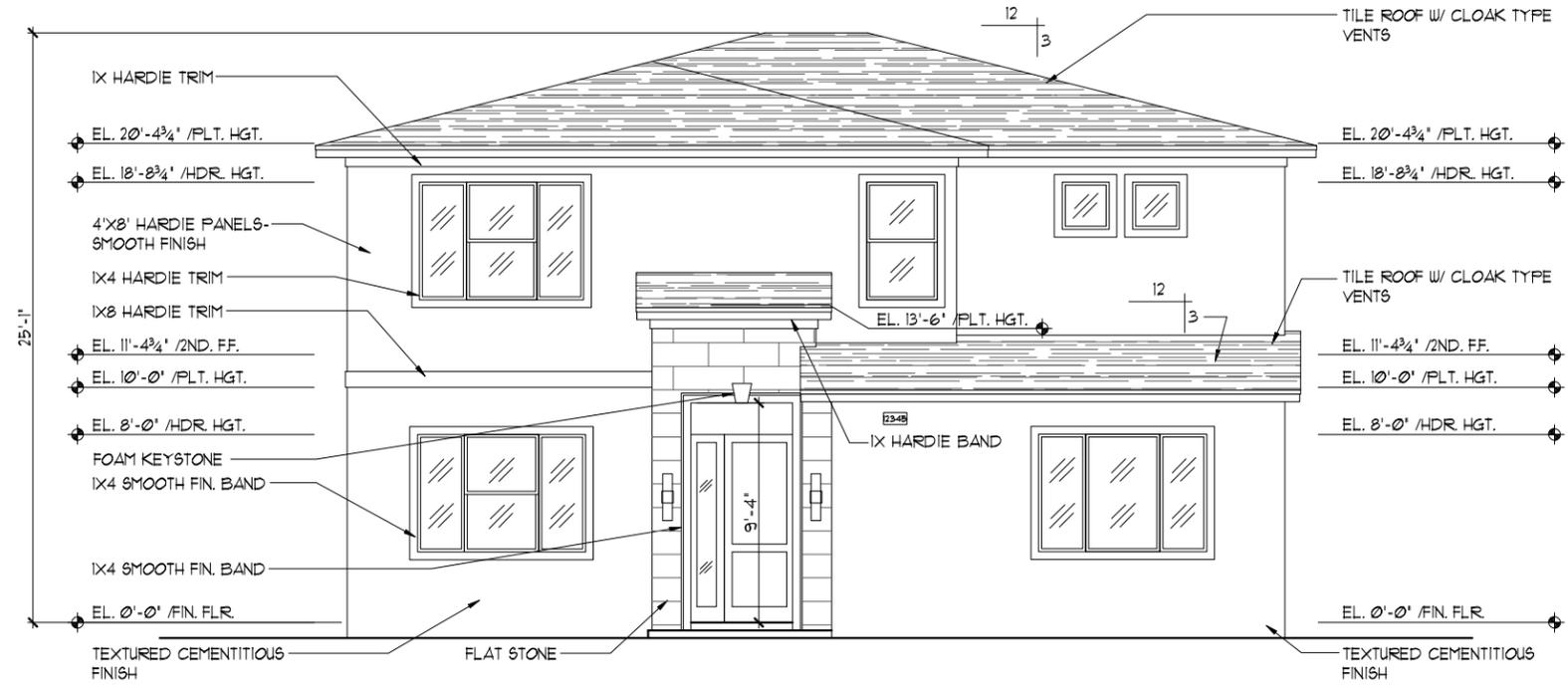
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**EXTERIOR ELEVATION "A"**  
**FRONT AND REAR**

**AQUAMARINE**  
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EXTERIOR ELEVATION "B"  
FRONT AND REAR

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**Park Square HOMES**



**FRONT ELEVATION "B"**

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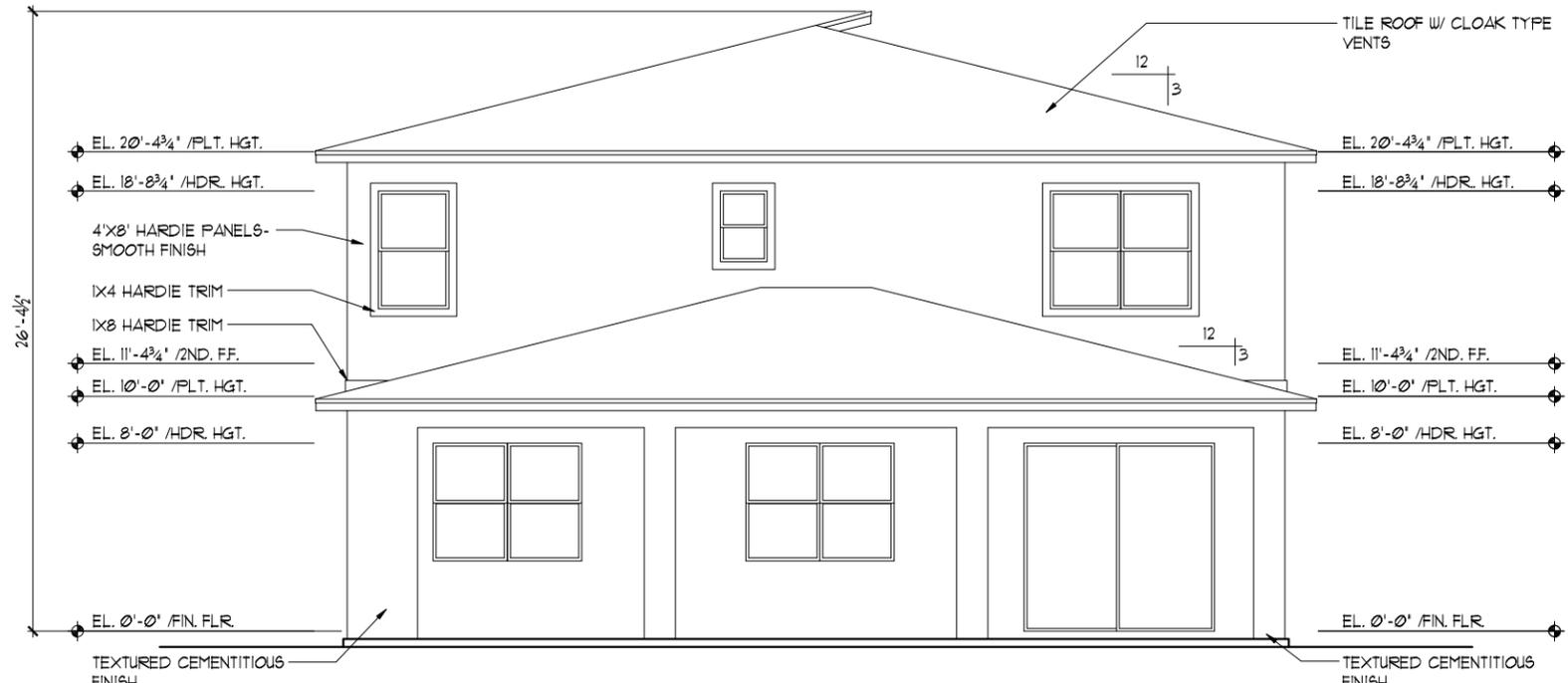
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**FRONT ELEVATION "C"**

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**REAR ELEVATION**

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LOT: 0000, PARADISO GRANDE

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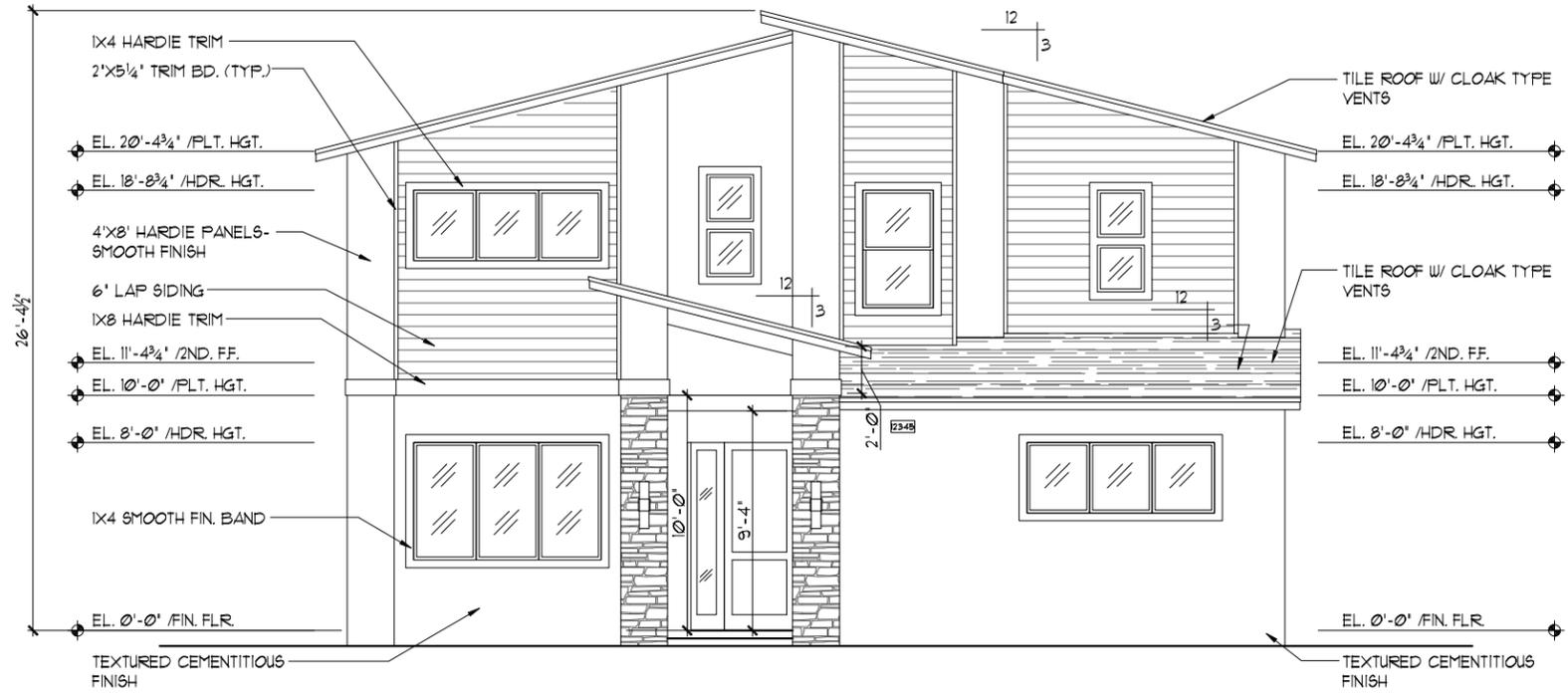
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EXTERIOR ELEVATION "C"  
 FRONT AND REAR

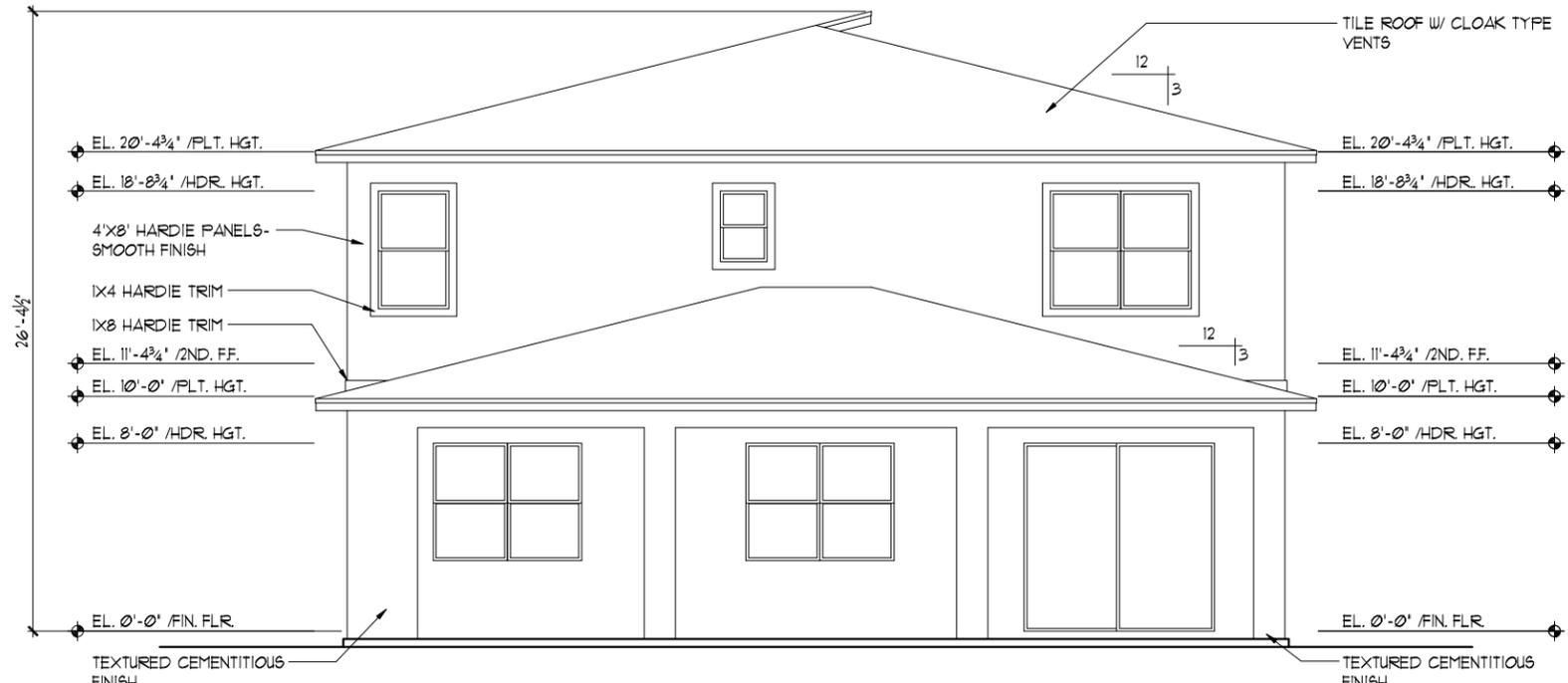
AQUAMARINE  
 PARADISO GRANDE

2913
DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 2913
SHEET 06C.0
OF SHEETS

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**Exterior Elevation "C" Front and Rear**

**AQUAMARINE PARADISO GRANDE**

DATE 04-09-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 2913  
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PARADISO GRANDE  
 AQUAMARINE  
 2913  
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 SHEET 06D.0  
 OF SHEETS

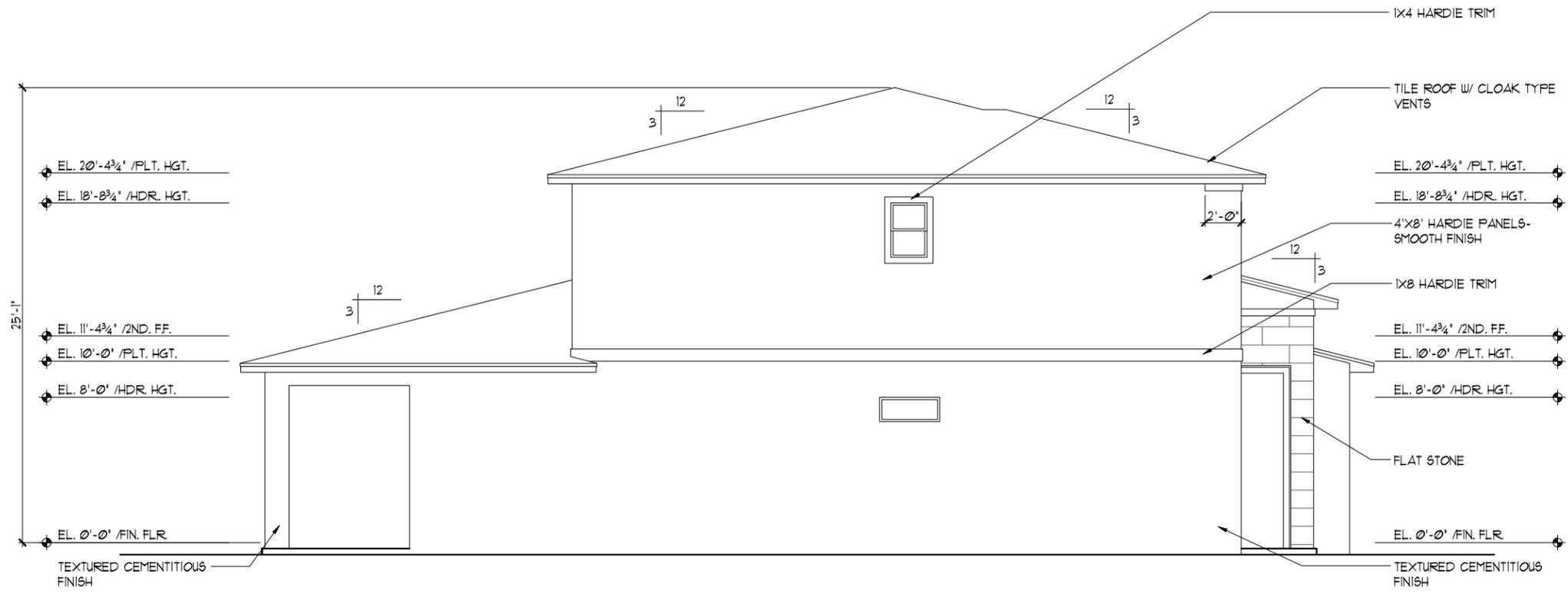
EXTERIOR ELEVATION "D"  
 FRONT AND REAR

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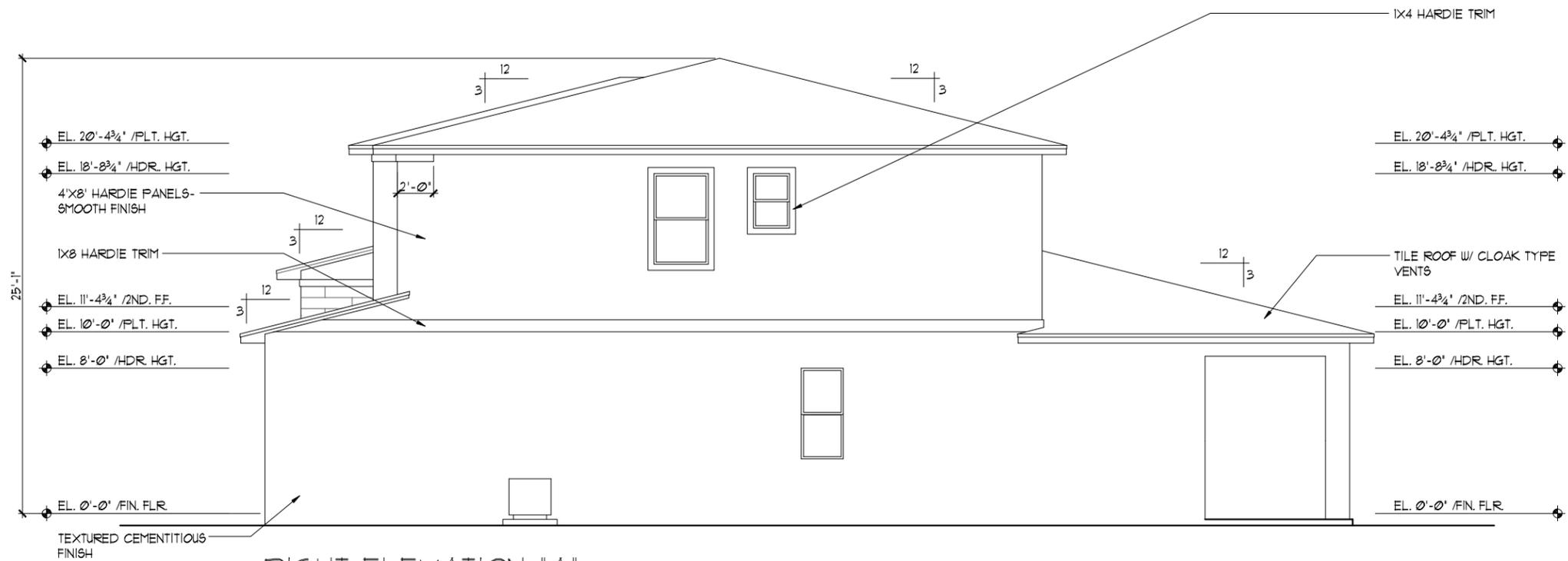
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**LEFT ELEVATION "A"**

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**Exterior Elevation "A" Left and Right**

**AQUAMARINE PARADISO GRANDE**

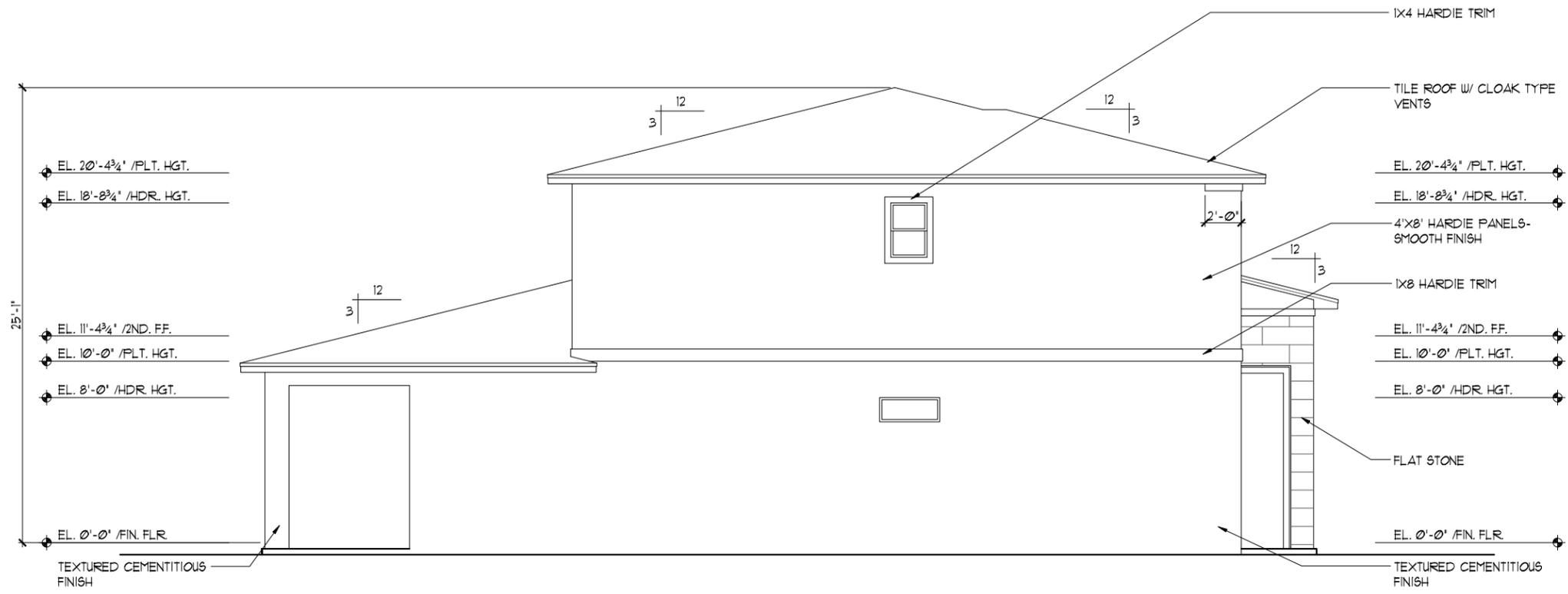
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SHEET	07A.0
OF SHEETS	07

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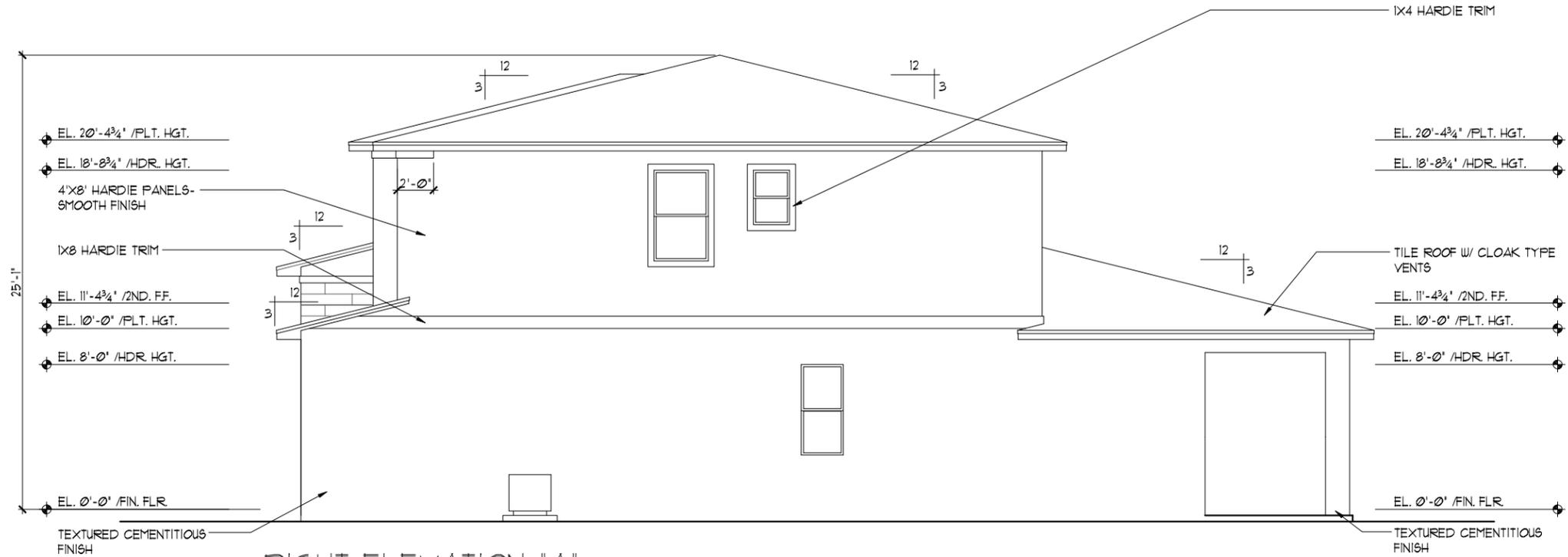
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**EXTERIOR ELEVATION "A" LEFT AND RIGHT**

REVISIONS	BY

**AQUAMARINE**

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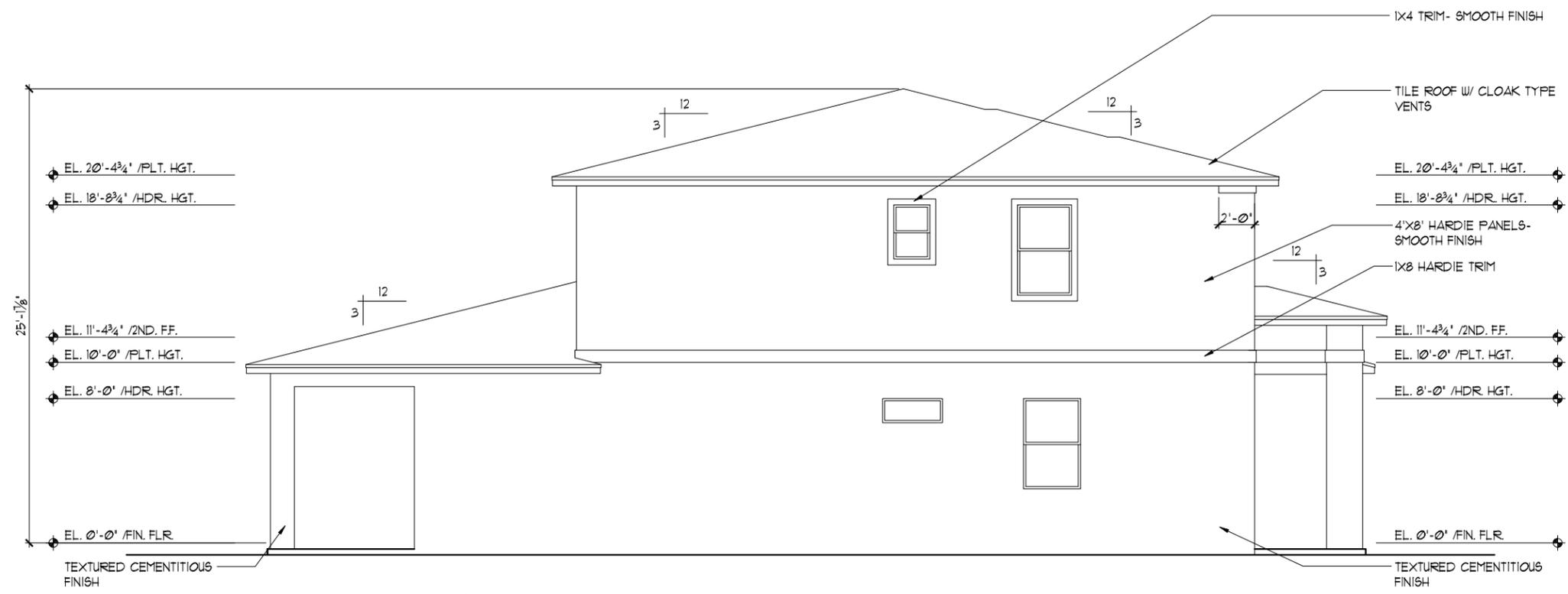
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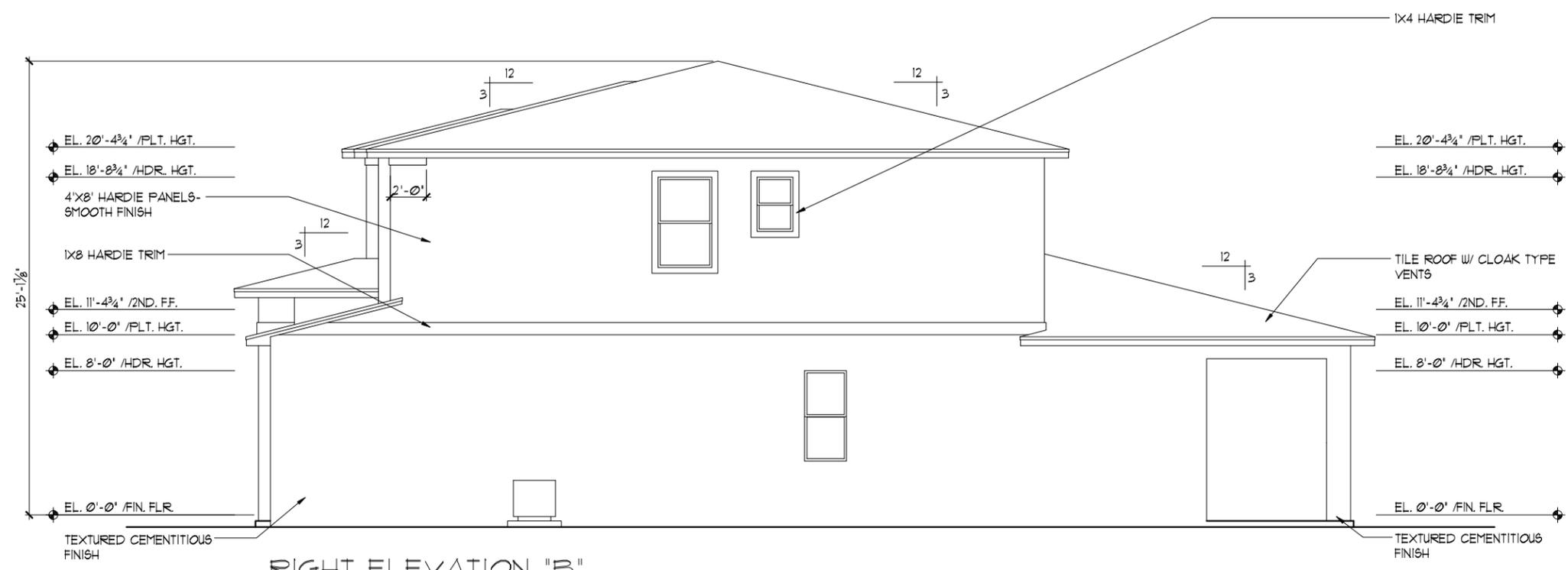
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**EXTERIOR ELEVATION "B" LEFT AND RIGHT**

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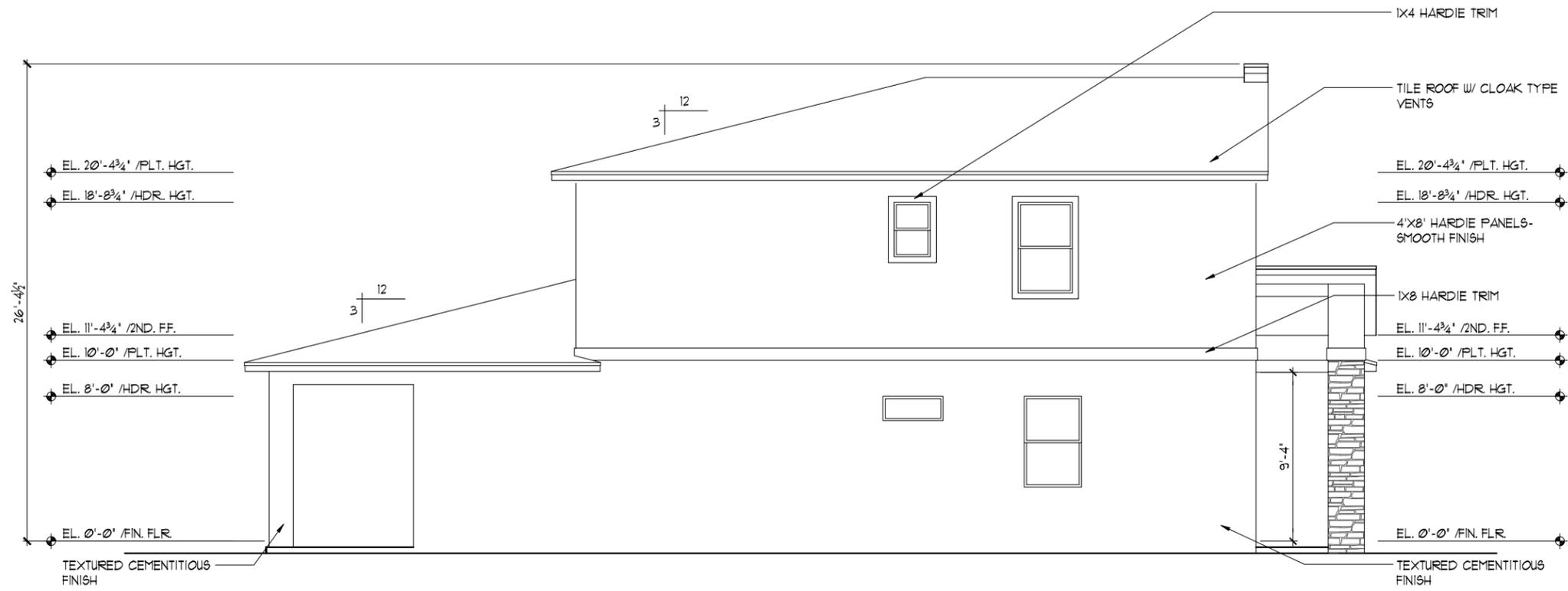
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**07B.0**

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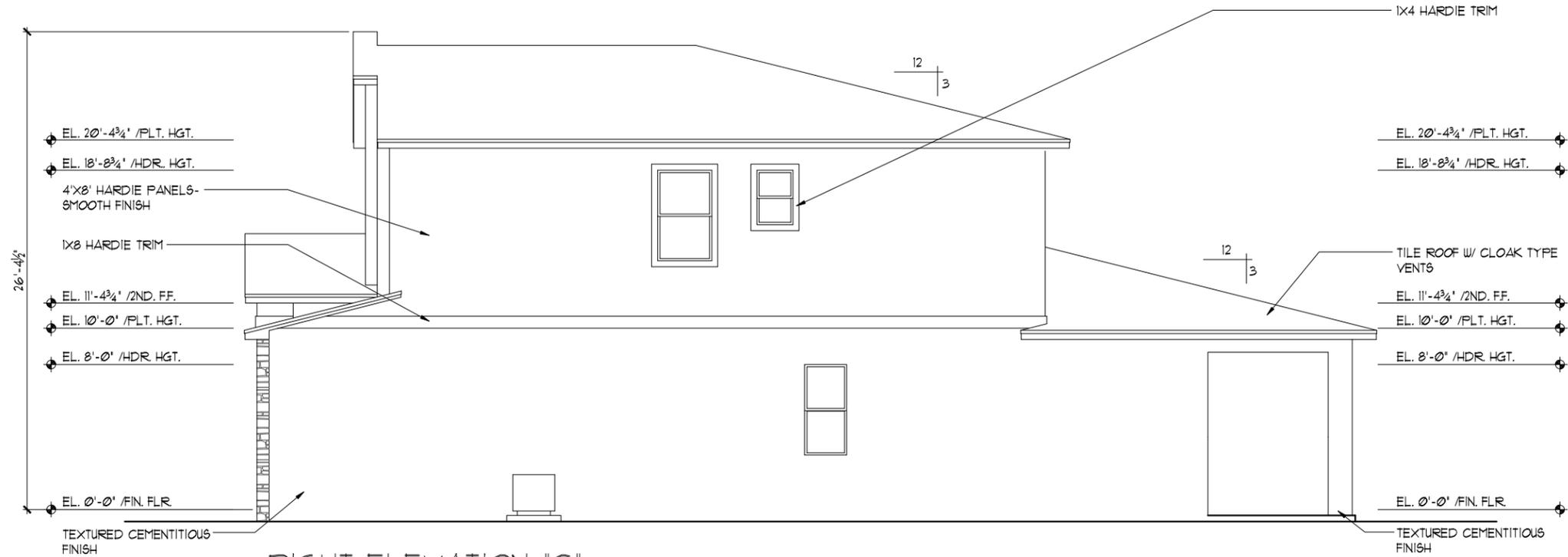


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1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



**RIGHT ELEVATION "C"**

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

2913  
DATE 04-09-21  
SCALE AS NOTED  
DRAWN RDC  
JOB 2913  
SHEET 07C.0  
OF SHEETS

AQUAMARINE  
PARADISO GRANDE

EXTERIOR ELEVATION "C"  
LEFT AND RIGHT

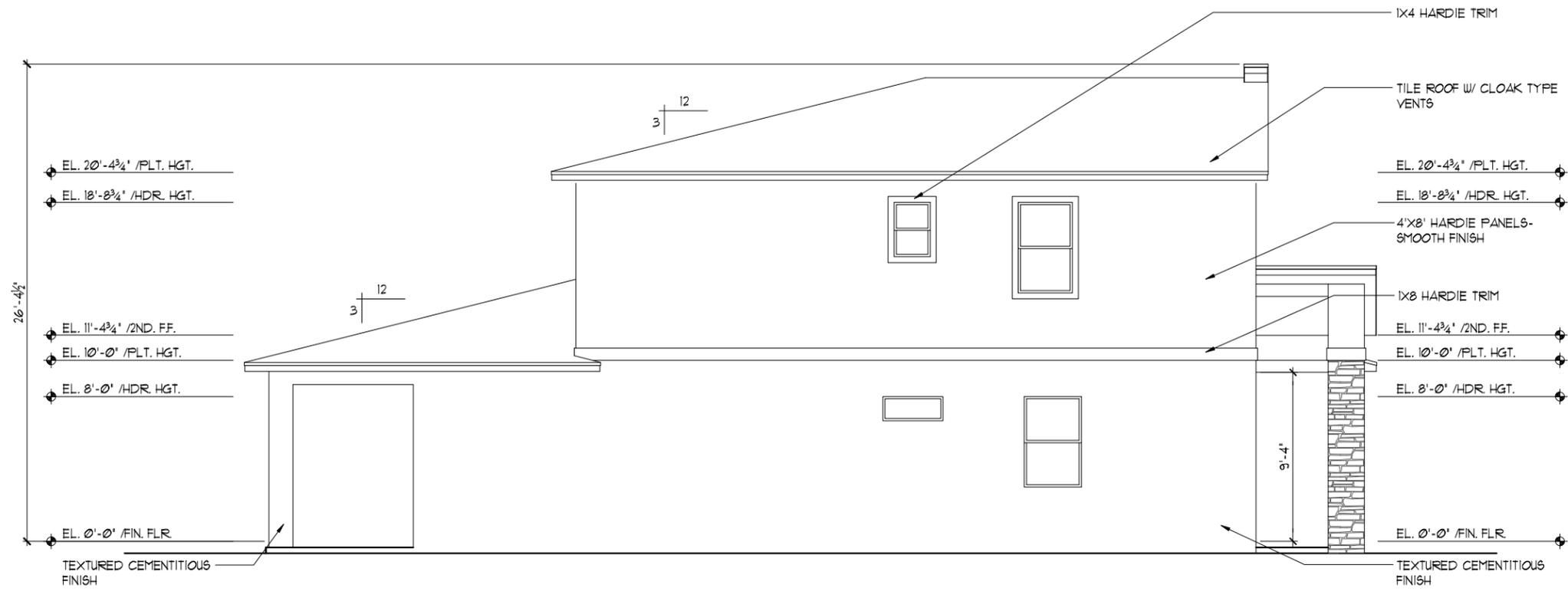
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5200 Vineland Road, Suite 200  
Orlando, Florida, 32811  
Phone: (407) 529 - 3000

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HARRISON ENGINEERING GROUP, INC.  
10000 South Orange Avenue, Suite 100  
Orlando, FL 32817  
Tel: (407) 734-1400  
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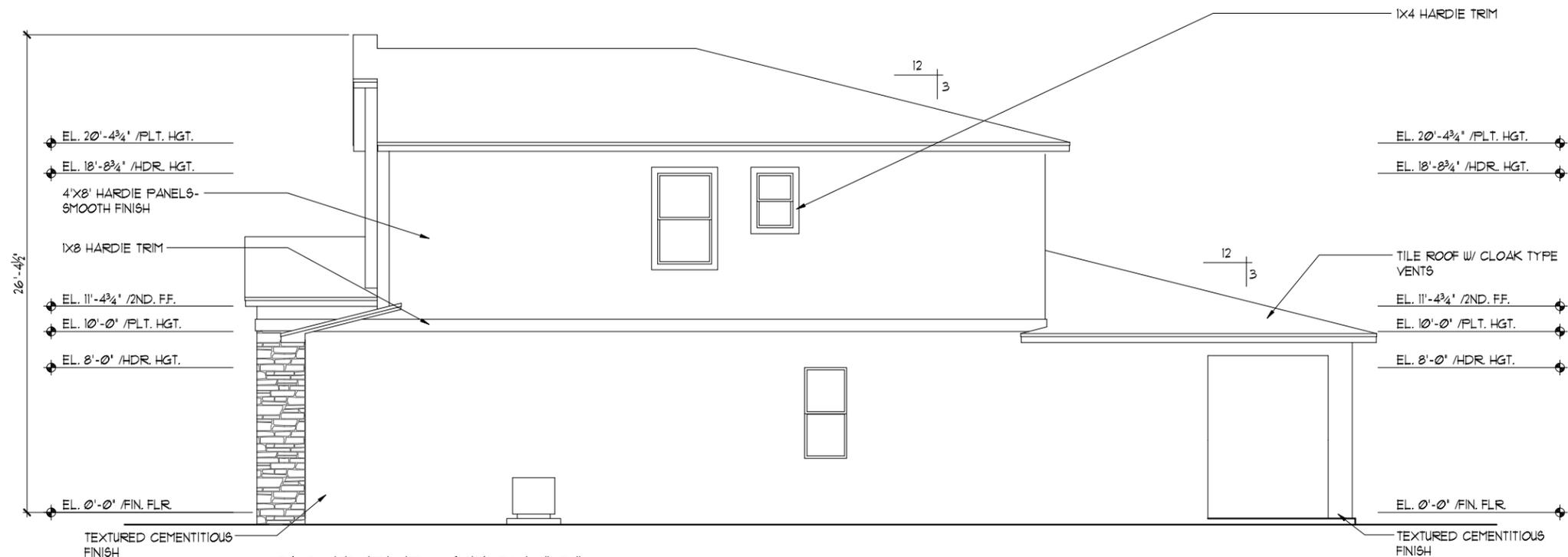
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- EXTERIOR FINISH NOTES**
- LATH TO BE ATTACHED IAW R103.11 OF THE 8TH EDITION, FBCR, 2023
  - PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.12 OF THE 8TH EDITION, FBCR, 2023
  - WEEP SCREED TO BE INSTALLED IAW R103.12.1 OF THE 8TH EDITION, FBCR, 2023
  - WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.13 OF THE 8TH EDITION, FBCR, 2023
  - 'ZIP SYSTEMS' WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS.



**LEFT ELEVATION "C"**

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



**RIGHT ELEVATION "C"**

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

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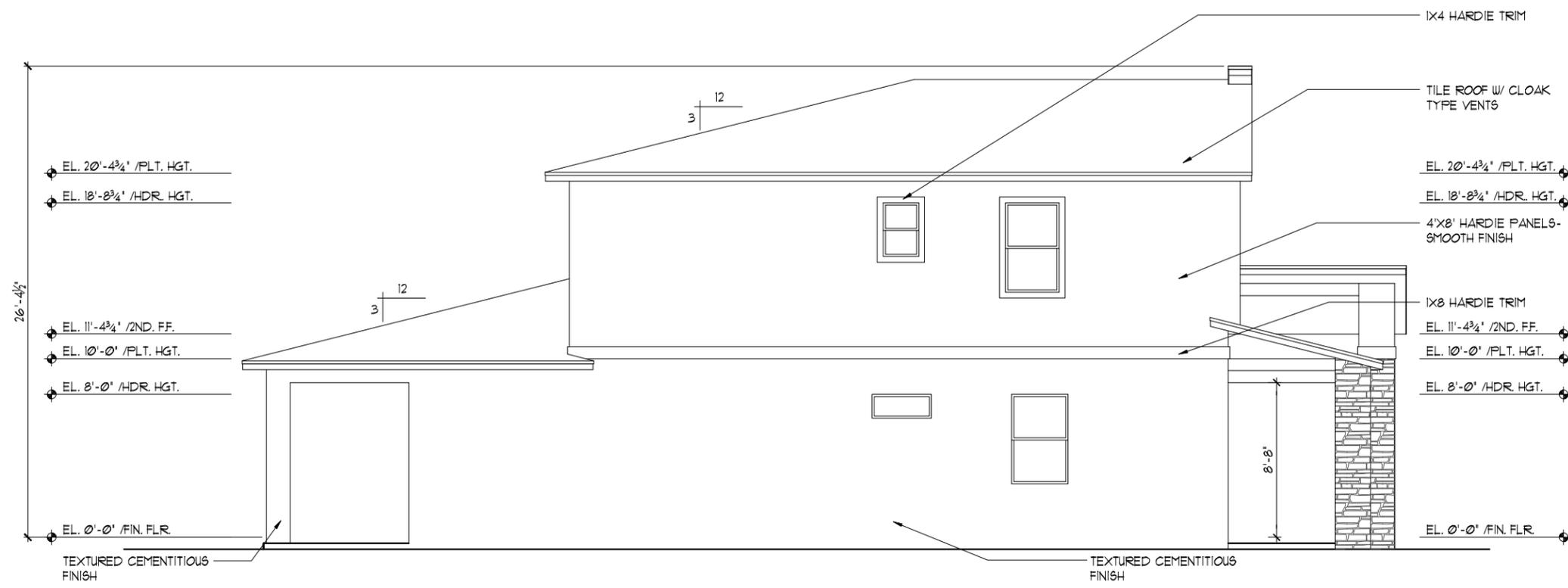
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**ENTERPRISES, INC.**  
 5200 Vineland Road, Suite 200  
 Orlando, Florida, 32811  
 Phone: (407) 529 - 3000

**Park Square HOMES**  
 EXTERIOR ELEVATION "C"  
 LEFT AND RIGHT

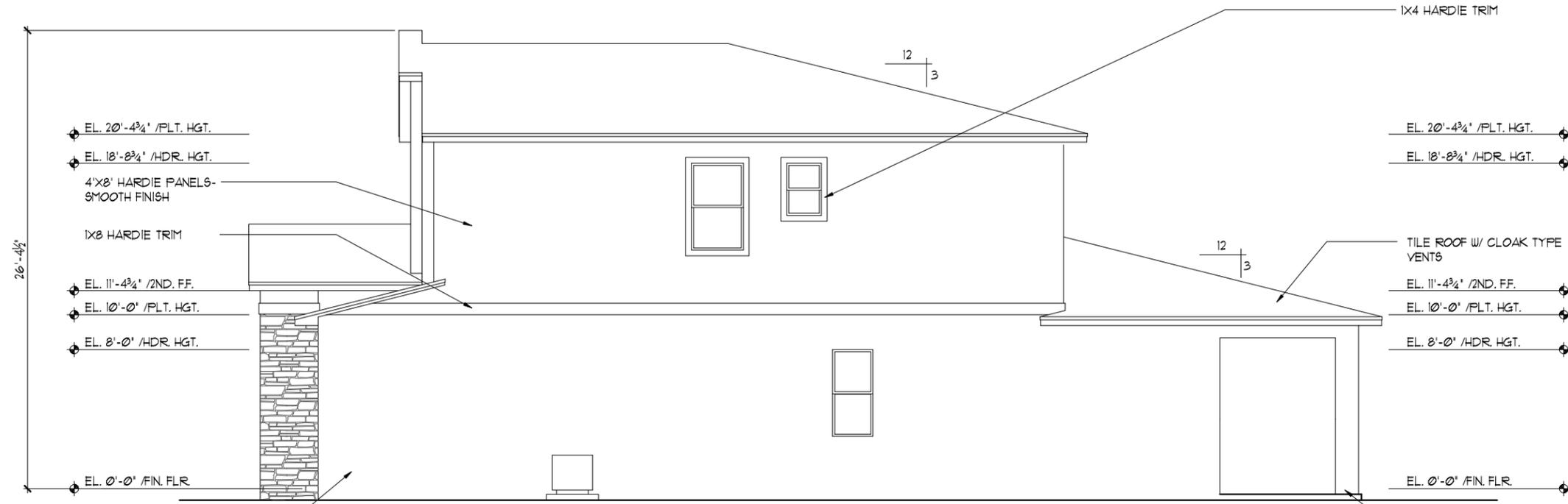
**AQUAMARINE**  
 PARADISO GRANDE

2913
DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 2913
SHEET
07C.1
OF SHEETS

- EXTERIOR FINISH NOTES**
- LATH TO BE ATTACHED IAW R103.1.1 OF THE 8TH EDITION, FBCR. 2023
  - PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.1.2 OF THE 8TH EDITION, FBCR. 2023
  - WEEP SCREED TO BE INSTALLED IAW R103.1.2.1 OF THE 8TH EDITION, FBCR. 2023
  - WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.1.3 OF THE 8TH EDITION, FBCR. 2023
  - 'ZIP SYSTEMS' WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS.



**LEFT ELEVATION "D"**  
 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



**RIGHT ELEVATION "D"**  
 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

**LOT: 0000, PARADISO GRANDE**

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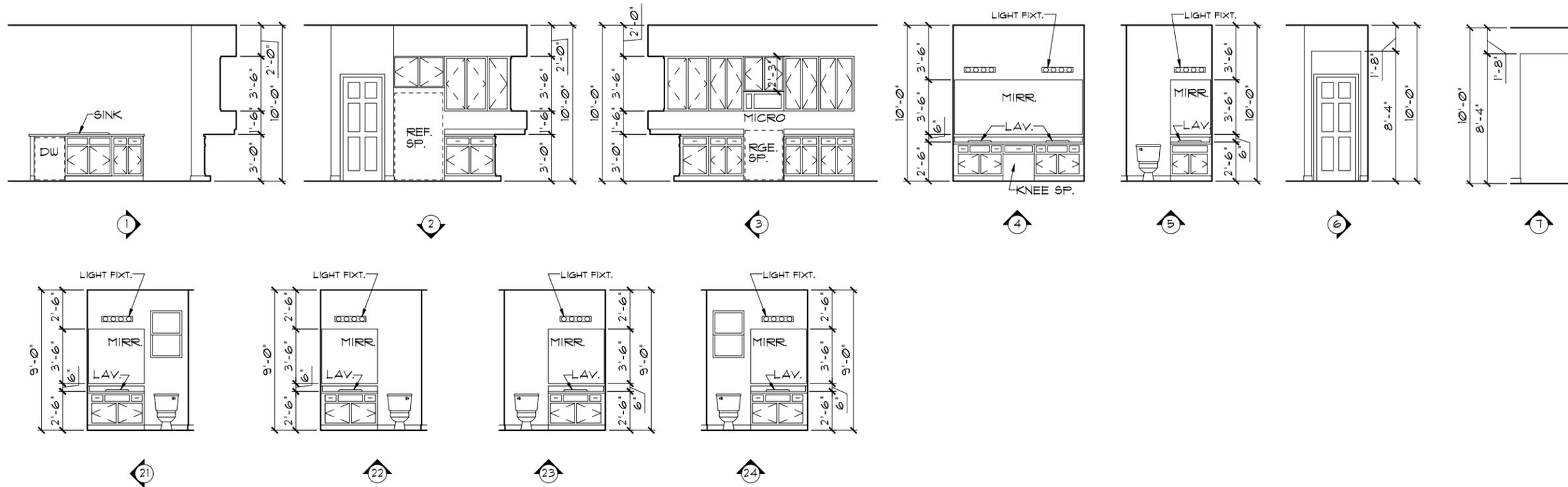
**Exterior Elevation "D" Left and Right**

**AQUAMARINE PARADISO GRANDE**

DATE	04-09-21
SCALE	AS NOTED
DRAWN	RDC
JOB	2913
SHEET	07D.0
OF SHEETS	07

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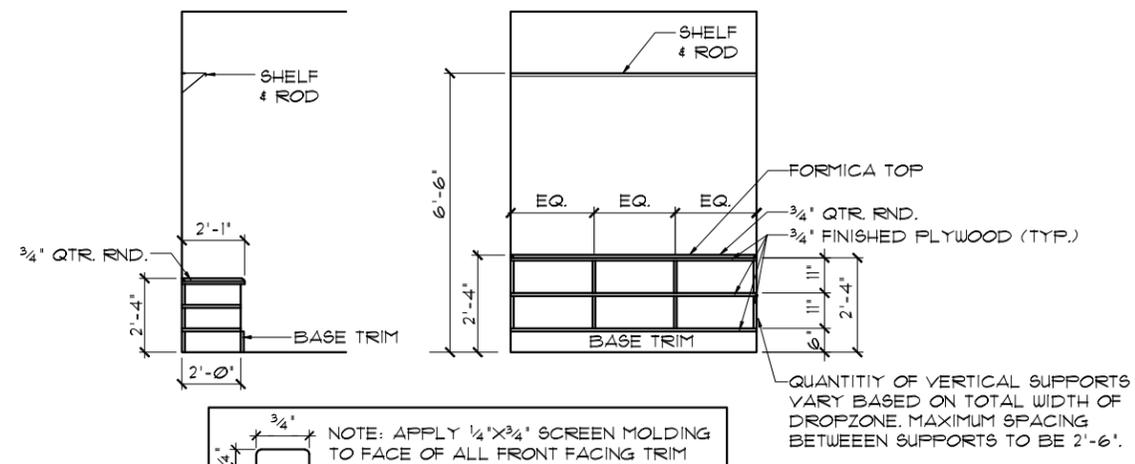
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### INTERIOR ELEVATIONS

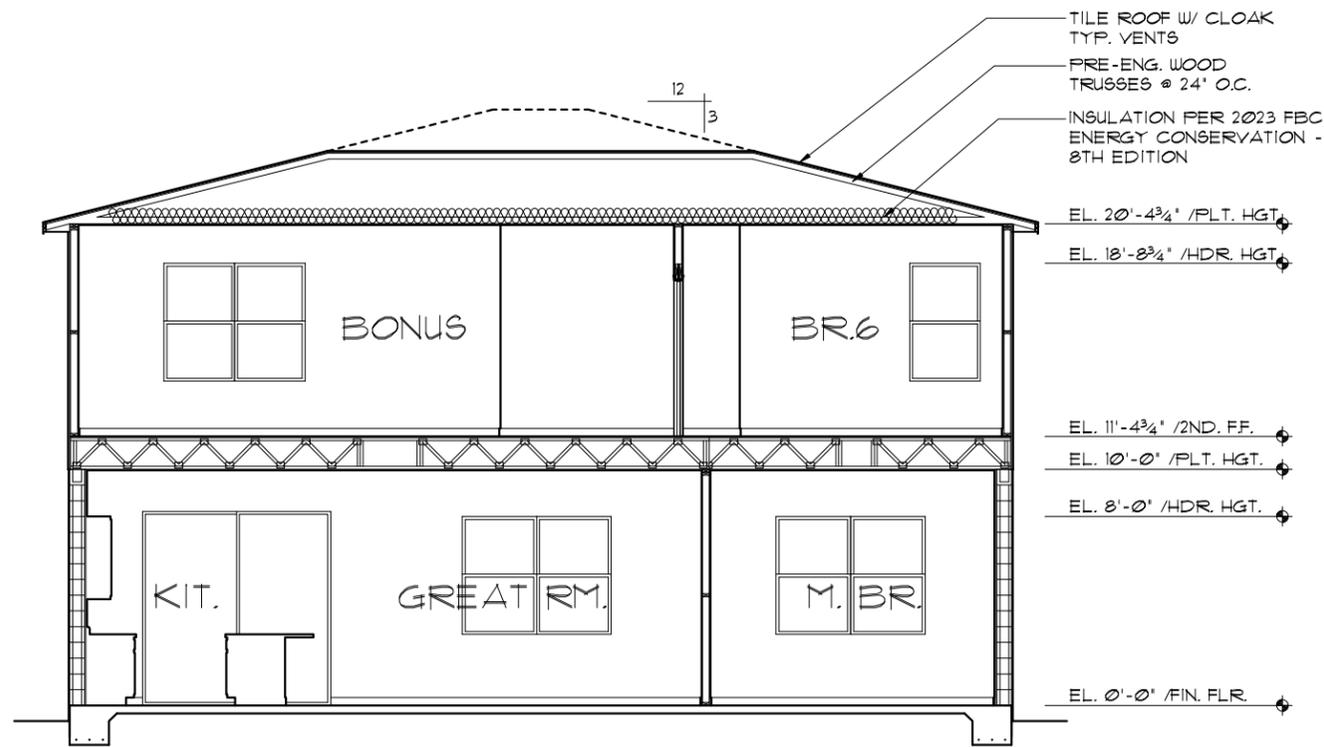
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

NOTE: INTERIOR ELEVATIONS ARE CONCEPTUAL ONLY. SEE CABINET SHOP DRAWINGS FOR FINAL VERIFICATION.



### LUGGAGE SHELF DETAIL

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



### CROSS SECTION

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

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CROSS SECTION /  
 INTERIOR ELEVATIONS

AQUAMARINE  
 PARADISO GRANDE

2913
DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 2913
SHEET 08
OF SHEETS

**MECHANICAL/GENERAL NOTES**

PER 8TH ED. 2023 FLA BLD. CODE-RESIDENTIAL

1.) COMPLETE DUCT DESIGN W/ SIZES & R-VALUE COMPLYING W/ THE FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION 610.1 ABC.1

2.) APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION.

A) CHAPTER 13 OF THE FBC-R 2023 8TH SECTION M1305.1

3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION M1602 OF THE FBCR CODE 2023 8TH EDITION.

4.) IAW NEC 2020- 210.12- ALL 15A OR 20A, 120V BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES IN THE FOLLOWING LOCATIONS REQUIRE AFCI PROTECTION- KITCHEN, FAMILY RMS, DINING RMS, LIVING RMS, PARLORS, LIBRARIES, BEDROOMS, DENS, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.

5.) IAW NEC 2020- 406.12, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.

6.) ALL OUTLETS IN BATHROOMS, KITCHEN, GARAGES AND LAUNDRY ROOM SHALL BE GFCI

7.) SMOKE ALARMS SHALL BE IN ALL SLEEPING AREAS, SHALL BE INTERCONNECTED, SHALL BE WITHIN 1' TO 3' OF PEAK & SHALL BE 3' FROM THE SUPPLY OR RETURN AIR- STREAM & EQUIPPED W/ A BATTERY BACKUP. ALARMS MAY NOT BE CONNECTED WHERE ALARMS ARE WIRELESS & ALL ALARMS SOUND UPON ACTIVATION IAW FBCR R314.3 & R314.4. MODEL\* TO BE USED ON THIS JOB TO BE:

**BRK: SMOKE-9120B, C/O- SC9120B**  
**KIDDE: SMOKE-21007581, C/O 21006377-N**

8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED. F280.1.1

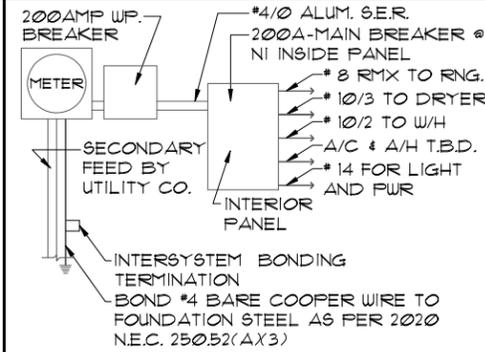
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.

10.) THE MAXIMUM ALLOWABLE EXHAUST DUCT LENGTH SHALL BE DETERMINED BY ONE OF THE METHODS SPECIFIED IN SECTIONS M1502.4.5.1 THROUGH M1502.4.5.3

11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA70-NEC 2020

12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A)(2)

12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2020 - ARTICLE 210-52



**ELECTRICAL RISER DIAGRAM**

NOTE: ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(A)(1) TO (6), LOCAL CODES, AND THE LOCAL POWER COMPANY.

250.52(A)(3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

There are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than 1/2 inch in diameter and at least 20 ft. long, encased in 2 inches of concrete; (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.

The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated with non-conductive material.

Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings or foundations have been poured before the electrical contractor arrives at the site, and a reinforcing rod is not available for use as a grounding electrode, then a grounding connection to the reinforcing rod is not required.

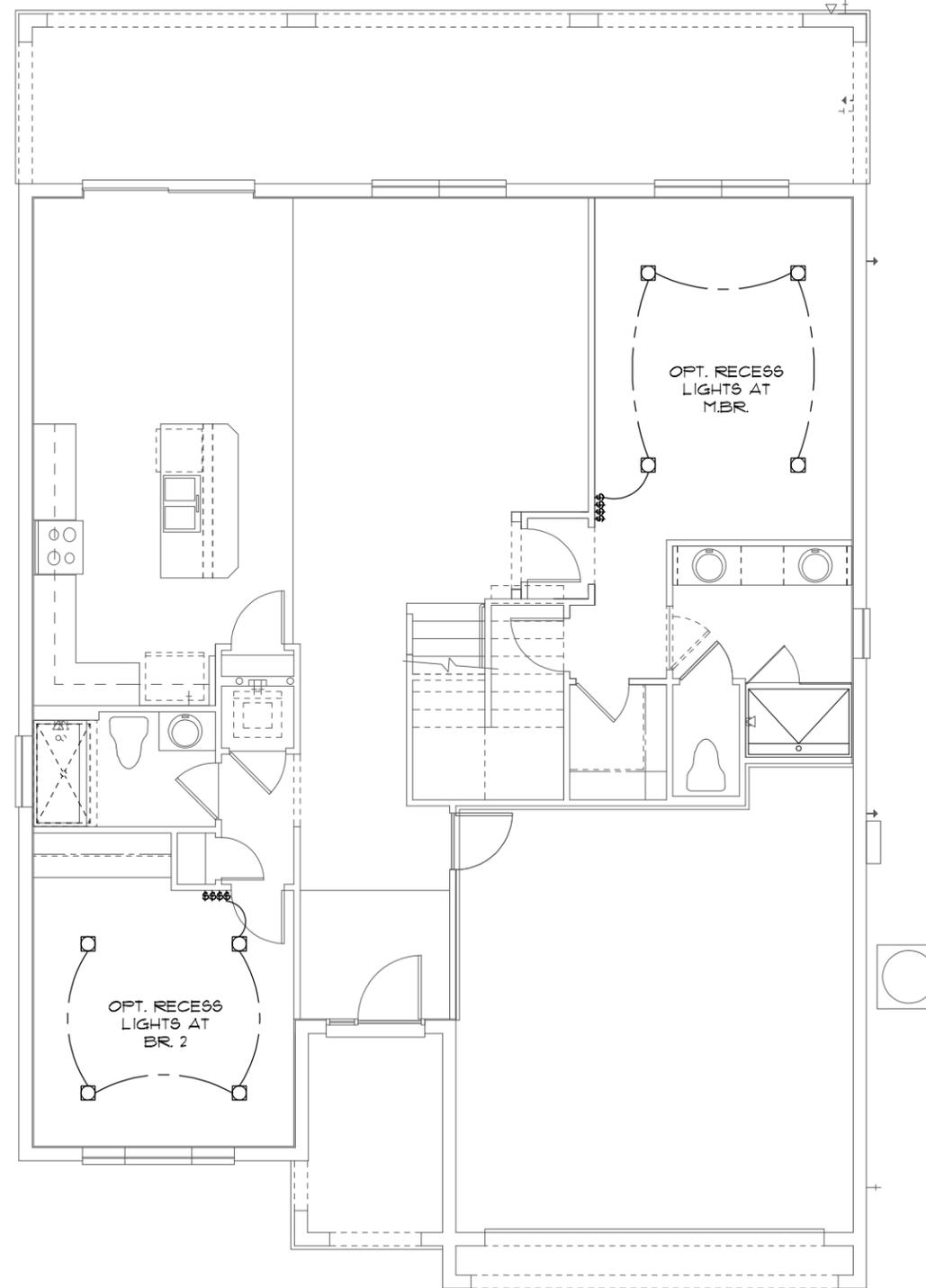
**NOTE: IF MORE THAN 12 SMOKE ALARMS OR CARBON MONOXIDE ALARM COMBINATION ARE INSTALLED IN THE HOME CRIME PREVENTION WILL PULL A SEPARATE FIRE PERMIT AND THE SYSTEM WILL BE MONITORED**

**ELECTRICAL LEGEND**

⊞	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊞	THREE WAY SWITCH	◀	OUTLET, PHONE
⊞	OUTLET 110-115	◻	INTERCOM
⊞	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
⊞	OUT. 110-115, W/ USB	⊞	SMOKE DETECTOR/SMOKE
⊞	OUT. 110-115, CLG. MOUNT.	⊞	CARBON MONOXIDE
⊞	OUT. 110-115, FLR. MOUNT.	⊞	PUSH BUTTON
⊞	SFCL. PURPOSE 220-240	⊞	EXHAUST FAN
⊞	LIGHT FIXT., CLG. MTD.	⊞	EX. FAN/LIGHT COMBO
⊞	LIGHT FIXT., WALL MTD.	⊞	DISPOSAL
⊞	LED LIGHT FIXT., RECESSED	⊞	ELECTRICAL PANEL
⊞	LIGHT FIXT., REC. ADJUST.	⊞	CEILING FAN, PREWIRE
⊞	LIGHT FIXT., FULL CHAIN	⊞	CEILING FAN, INSTALL
⊞	LED LIGHT FIXT., FLUORESCENT	⊞	ELECT. JUNCTION BOX
⊞	LIGHT FIXT., EXT. FLOODS	⊞	THERMOSTAT
⊞	LIGHT FIXT., EMERG. EXIT	⊞	DISCONNECT SWITCH
⊞	LIGHT FIXT., EXIT/BACKUP	⊞	ELEC. POWER METER

**ELECTRICAL PLAN "OPT. LED"**

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



**LED RECESS OPTION**

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

PARADISO GRANDE

ELECTRICAL PLAN

LOT: 0000, PARADISO GRANDE

REVISIONS	BY

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**AQUAMARINE**  
PARADISO GRANDE

2913	DATE 04-09-21
SCALE AS NOTED	DRAWN RDC
JOB 2913	SHEET 09.0
OF SHEETS	OF SHEETS

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

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**MECHANICAL/GENERAL NOTES**  
PER 8TH ED. 2023 FLA BLD. CODE-RESIDENTIAL

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2.) APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION.  
A) CHAPTER 13 OF THE FBC-R 2023 8TH SECTION M1305.1

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4.) IAW NEC 2020- 210.12- ALL 15A OR 20A, 120V BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES IN THE FOLLOWING LOCATIONS REQUIRE AFCI PROTECTION- KITCHEN, FAMILY RMS, DINING RMS, LIVING RMS, PARLORS, LIBRARIES, BEDROOMS, DENS, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.

5.) IAW NEC 2020- 406.12, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.

6.) ALL OUTLETS IN BATHROOMS, KITCHEN, GARAGES AND LAUNDRY ROOM SHALL BE GFCI

7.) SMOKE ALARMS SHALL BE IN ALL SLEEPING AREAS, SHALL BE INTERCONNECTED, SHALL BE WITHIN 1' TO 3' OF PEAK & SHALL BE 3' FROM THE SUPPLY OR RETURN AIR- STREAM & EQUIPPED W/ A BATTERY BACKUP. ALARMS MAY NOT BE CONNECTED WHERE ALARMS ARE WIRELESS & ALL ALARMS SOUND UPON ACTIVATION IAW FBCR R314.3 & R314.4. MODEL\* TO BE USED ON THIS JOB TO BE:  
**BRK: SMOKE-9120B, C/O- SC9120B**  
**KIDDE: SMOKE-21007581, C/O 21006377-N**

8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED. F2801.1

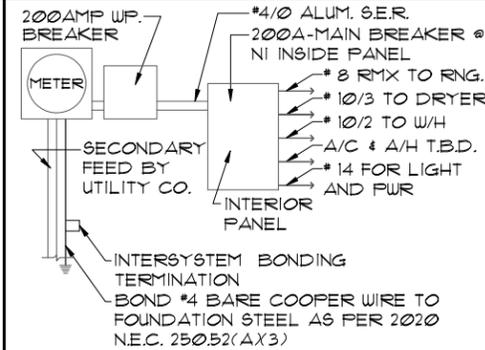
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.

10.) THE MAXIMUM ALLOWABLE EXHAUST DUCT LENGTH SHALL BE DETERMINED BY ONE OF THE METHODS SPECIFIED IN SECTIONS M1502.4.5.1 THROUGH M1502.4.5.3

11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA70-NEC 2020

12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A)(2)

13.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2020 - ARTICLE 210-52



**ELECTRICAL RISER DIAGRAM**  
NTS.  
NOTE: ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(A)(1) TO (6), LOCAL CODES, AND THE LOCAL POWER COMPANY.

250.52(A)(3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

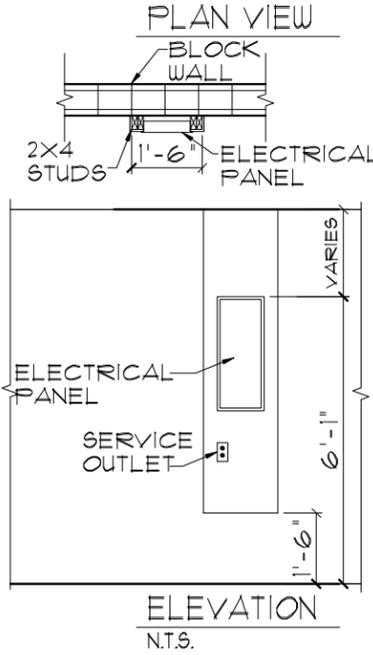
Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

There are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than 1/2 inch in diameter and at least 20 ft. long, encased in 2 inches of concrete; (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.

The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated with non-conductive material.

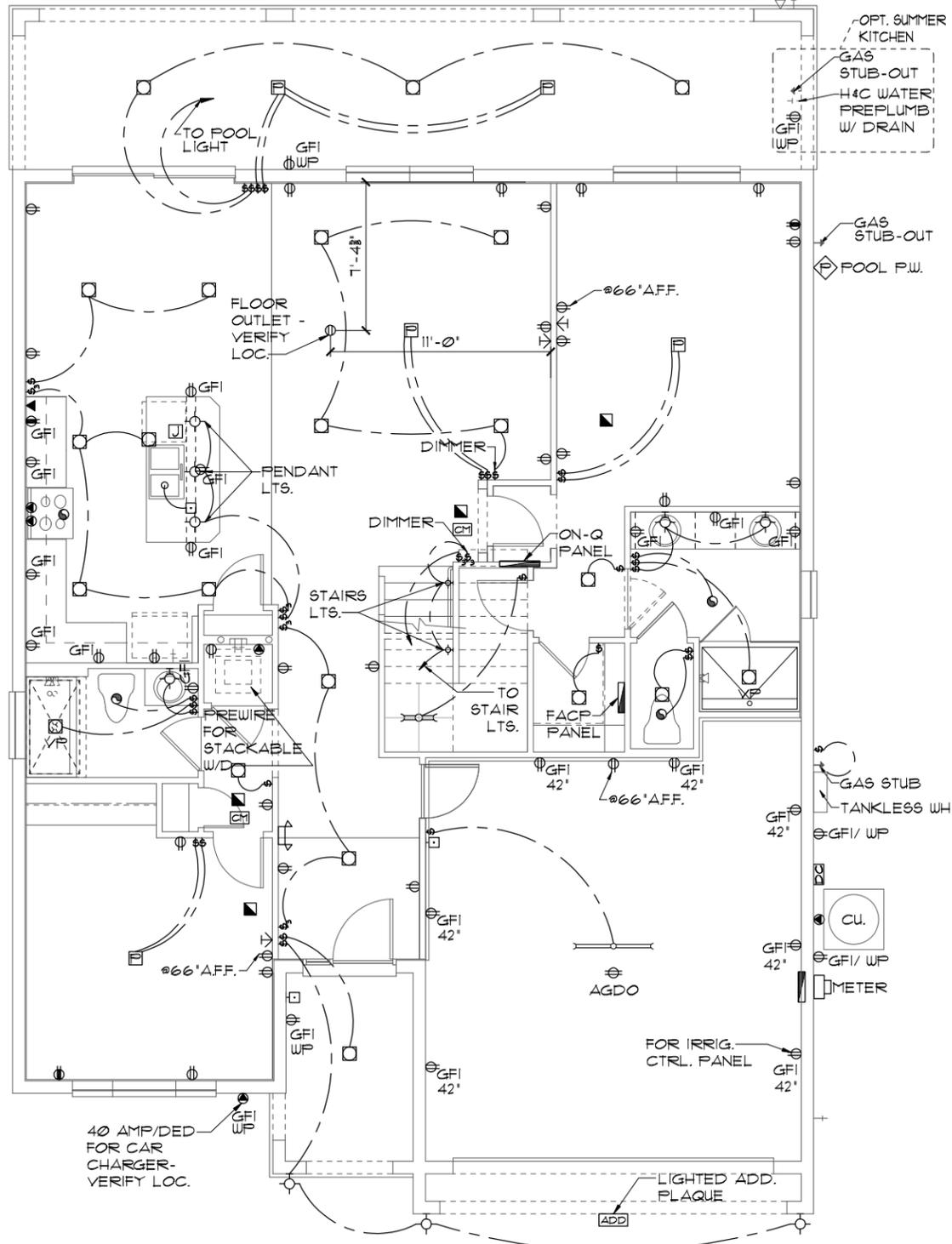
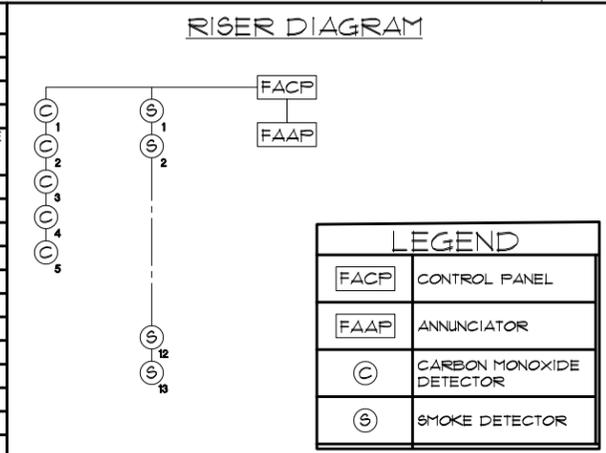
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**NOTE: THE FIRE ALARM SYSTEM WILL CONSIST OF (1) FIRE ALARM CONTROL PANEL - 32 ZONE GEMC-FW32CONVKT WITH (1) SMOKE DETECTOR OVER FIRE ALARM CONTROL PANEL. ALL INSTALLATION FOR THIS MACURCO CARBON MONOXIDE DETECTOR CM-EI & CONVENTIONAL SMOKE DETECTION FIREWOLF FW2-S SHALL BE INSTALLED PURSUANT THE MANUFACTURE REQUIREMENTS AND NEC 2020 CODE REQUIREMENTS**



**ELECTRICAL LEGEND**

⊞	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊞	THREE WAY SWITCH	◀	OUTLET, PHONE
⊞	OUTLET 110-115	◀	INTERCOM
⊞	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
⊞	OUT. 110-115, W/ USB	⊞	SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE
⊞	OUT. 110-115, CLG. MOUNT.	⊞	CARBON MONOXIDE
⊞	OUT. 110-115, FLR. MOUNT.	⊞	PUSH BUTTON
⊞	SFCL. PURPOSE 220-240	⊞	EXHAUST FAN
⊞	LIGHT FIXT., CLG. MTD.	⊞	EX. FAN/LIGHT COMBO
⊞	LIGHT FIXT., WALL MTD.	⊞	DISPOSAL
⊞	LED LIGHT FIXT., RECESSED	⊞	ELECTRICAL PANEL
⊞	LIGHT FIXT., REC. ADJUST.	⊞	CEILING FAN, PREWIRE
⊞	LIGHT FIXT., FULL CHAIN	⊞	CEILING FAN, INSTALL
⊞	LED LIGHT FIXT., FLUORESCENT	⊞	ELECT. JUNCTION BOX
⊞	LIGHT FIXT., EXT. FLOODS	⊞	THERMOSTAT
⊞	LIGHT FIXT., EMERG. EXIT	⊞	DISCONNECT SWITCH
⊞	LIGHT FIXT., EXIT/BACKUP	⊞	ELEC. POWER METER



**ELECTRICAL PLAN "A"**  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

LOT: 0000, PARADISO GRANDE  
 THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH  
 PARADISO GRANDE  
 AQUAMARINE  
 PARADISO GRANDE  
 2913  
 DATE 04-09-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 2913  
 SHEET 09A.0  
 OF SHEETS

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 REVISIONS BY

**MECHANICAL/GENERAL NOTES**  
PER 8TH ED. 2023 FLA BLD. CODE-RESIDENTIAL

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A) CHAPTER 13 OF THE FBC-R 2023 8TH SECTION M1305.1

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4.) IAW NEC 2020- 210.12- ALL 15A OR 20A, 120V BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES IN THE FOLLOWING LOCATIONS REQUIRE AFCI PROTECTION- KITCHEN, FAMILY RMS, DINING RMS, LIVING RMS, PARLORS, LIBRARIES, BEDROOMS, DENS, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.

5.) IAW NEC 2020- 406.12, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.

6.) ALL OUTLETS IN BATHROOMS, KITCHEN, GARAGES AND LAUNDRY ROOM SHALL BE GFCI

7.) SMOKE ALARMS SHALL BE IN ALL SLEEPING AREAS, SHALL BE INTERCONNECTED, SHALL BE WITHIN 1' TO 3' OF PEAK & SHALL BE 3' FROM THE SUPPLY OR RETURN AIR- STREAM & EQUIPPED W/ A BATTERY BACKUP. ALARMS MAY NOT BE CONNECTED WHERE ALARMS ARE WIRELESS & ALL ALARMS SOUND UPON ACTIVATION IAW FBCR R314.3 & R314.4. MODEL\* TO BE USED ON THIS JOB TO BE:  
**BRK: SMOKE-9120B, C/O- SC9120B**  
**KIDDE: SMOKE-21007581, C/O 21006377-N**

8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED. F280.1.7

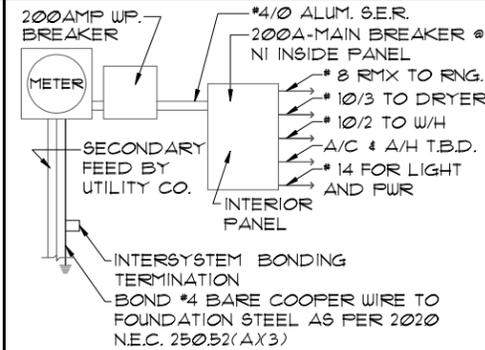
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.

10.) THE MAXIMUM ALLOWABLE EXHAUST DUCT LENGTH SHALL BE DETERMINED BY ONE OF THE METHODS SPECIFIED IN SECTIONS M1502.4.5.1 THROUGH M1502.4.5.3

11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA70-NEC 2020

12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A)(2)

13.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2020 - ARTICLE 210-52



**ELECTRICAL RISER DIAGRAM**

NOTE:  
ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(A)(1) TO (6), LOCAL CODES, AND THE LOCAL POWER COMPANY.

250.52(A)(3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

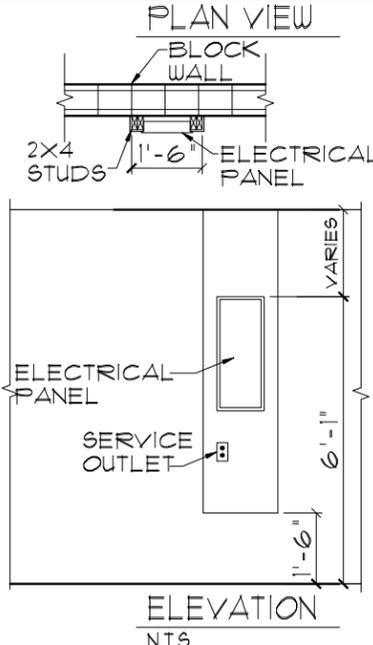
Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

There are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than 1/2 inch in diameter and at least 20 ft. long, encased in 2 inches of concrete; (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.

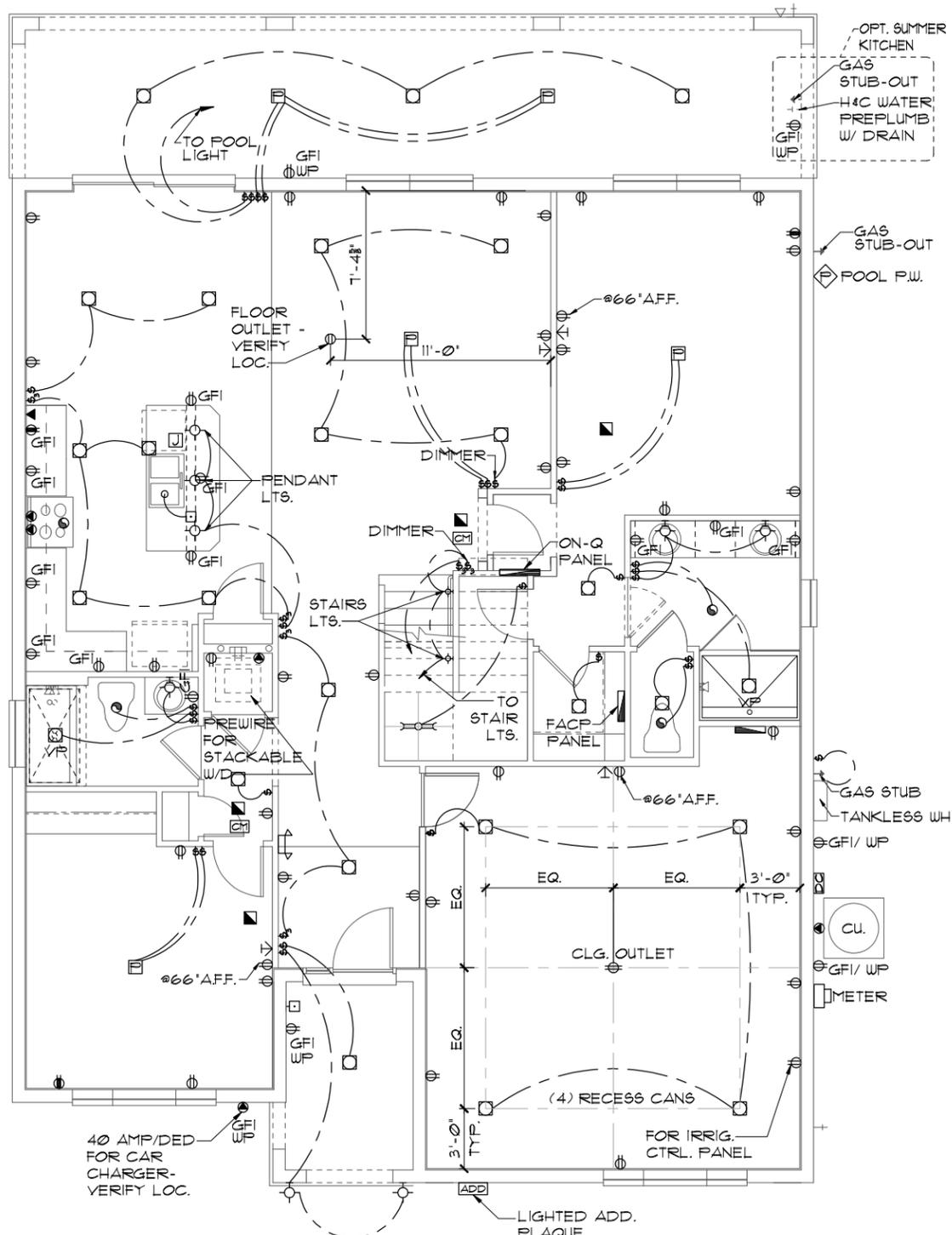
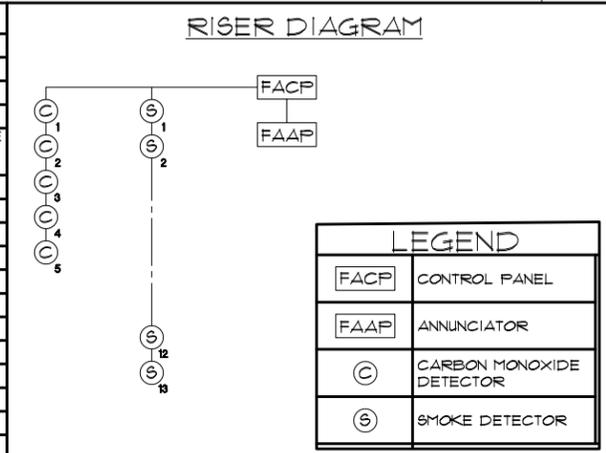
The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated with non-conductive material.

Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings or foundations have been poured before the electrical contractor arrives at the site, and a reinforcing rod is not available for use as a grounding electrode, then a grounding connection to the reinforcing rod is not required.

**NOTE: THE FIRE ALARM SYSTEM WILL CONSIST OF (1) FIRE ALARM CONTROL PANEL - 32 ZONE GEMC-FW32CONVKT WITH (1) SMOKE DETECTOR OVER FIRE ALARM CONTROL PANEL. ALL INSTALLATION FOR THIS MACURCO CARBON MONOXIDE DETECTOR CM-E1 & CONVENTIONAL SMOKE DETECTION FIREWOLF FW2-S SHALL BE INSTALLED PURSUANT THE MANUFACTURE REQUIREMENTS AND NEC 2020 CODE REQUIREMENTS**



⊞	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊞	THREE WAY SWITCH	◀	OUTLET, PHONE
⊞	OUTLET 110-115	◀	INTERCOM
⊞	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
⊞	OUT. 110-115, W/ USB	⊞	SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE
⊞	OUT. 110-115, CLG. MOUNT.	⊞	CARBON MONOXIDE
⊞	OUT. 110-115, FLR. MOUNT.	⊞	PUSH BUTTON
⊞	SFCL. PURPOSE 220-240	⊞	EXHAUST FAN
⊞	LIGHT FIXT., CLG. MTD.	⊞	EX. FAN/LIGHT COMBO
⊞	LIGHT FIXT., WALL MTD.	⊞	DISPOSAL
⊞	LED LIGHT FIXT., RECESSED	⊞	ELECTRICAL PANEL
⊞	LIGHT FIXT., REC. ADJUST.	⊞	CEILING FAN, PREWIRE
⊞	LIGHT FIXT., FULL CHAIN	⊞	CEILING FAN, INSTALL
⊞	LED LIGHT FIXT., FLUORESCENT	⊞	ELECT. JUNCTION BOX
⊞	LIGHT FIXT., EXT. FLOODS	⊞	THERMOSTAT
⊞	LIGHT FIXT., EMERG. EXIT	⊞	DISCONNECT SWITCH
⊞	LIGHT FIXT., EXIT/BACKUP	⊞	ELEC. POWER METER



**ELECTRICAL PLAN "A"**  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

LOT: 000, PARADISO GRANDE  
THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

**PARADISO GRANDE**  
A DIVISION OF PARK SQUARE ENTERPRISES, INC.  
5200 Vneiland Road, Suite 200  
Orlando, Florida, 32811  
Phone: (407) 529-3000

**ITEG**  
THOMPSON ENGINEERING GROUP, INC.  
10000 W. Colonial Ave., Suite 100  
Orlando, FL 32817  
Tel: (407) 734-1400  
www.iteg.com

**REVISIONS**

NO.	DESCRIPTION	DATE	BY

**2913**  
DATE 04-09-21  
SCALE AS NOTED  
DRAWN RDC  
JOB 2913  
SHEET  
**09A.1**  
OF SHEETS

**AQUAMARINE**  
**PARADISO GRANDE**

**ELECTRICAL PLAN**

**MECHANICAL/GENERAL NOTES**  
PER 8TH ED. 2023 FLA BLD. CODE-RESIDENTIAL

1.) COMPLETE DUCT DESIGN W/ SIZES & R-VALUE COMPLYING W/ THE FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION 610.1 ABC.1

2.) APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION.  
A) CHAPTER 13 OF THE FBC-R 2023 8TH SECTION M1305.1

3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION M1602 OF THE FBCR CODE 2023 8TH EDITION.

4.) IAW NEC 2020- 210.12- ALL 15A OR 20A, 120V BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES IN THE FOLLOWING LOCATIONS REQUIRE AFCI PROTECTION- KITCHEN, FAMILY RMS, DINING RMS, LIVING RMS, PARLORS, LIBRARIES, BEDROOMS, DENS, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.

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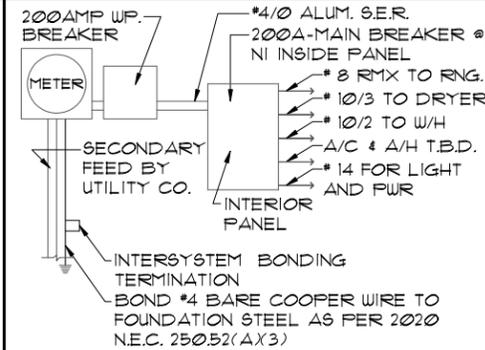
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**ELECTRICAL RISER DIAGRAM**  
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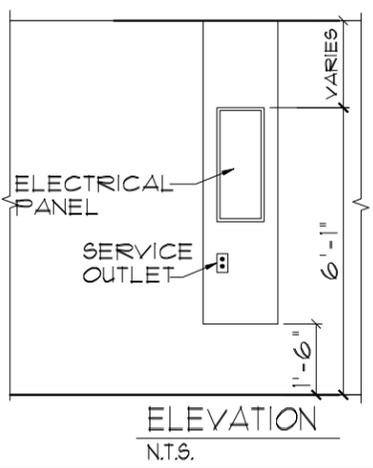
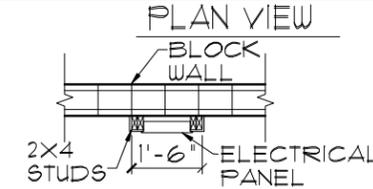
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The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated with non-conductive material.

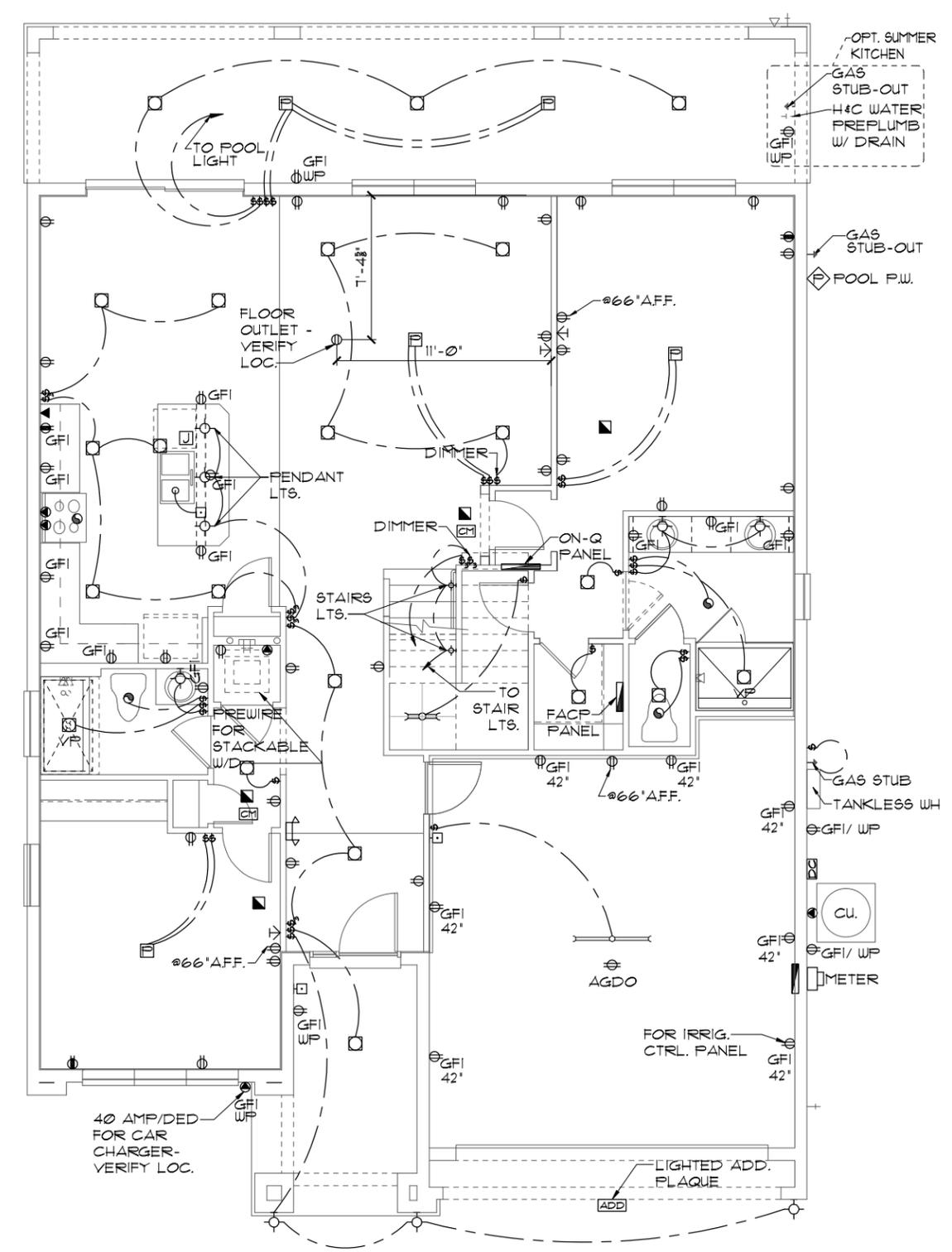
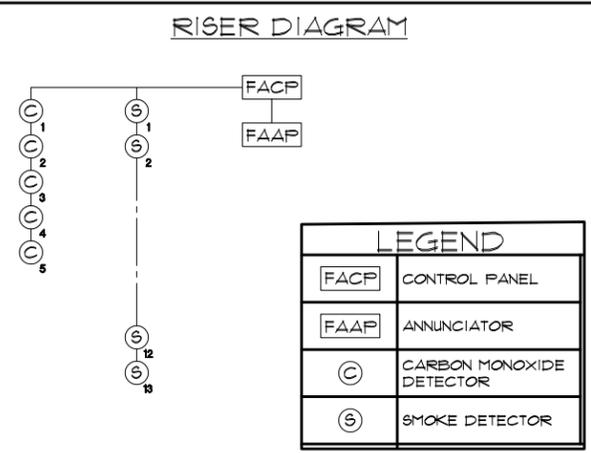
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**ELECTRICAL LEGEND**

⊞	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊞	THREE WAY SWITCH	◀	OUTLET, PHONE
⊞	OUTLET 110-115	◀	INTERCOM
⊞	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
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⊞	LIGHT FIXT., EXIT/BACKUP	⊞	ELEC. POWER METER



**ELECTRICAL PLAN "B"**  
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**LOT: 000, PARADISO GRANDE**

**PARADISO GRANDE**

**AQUAMARINE**

**PARADISO GRANDE**

**2913**

DATE 04-09-21  
SCALE AS NOTED  
DRAWN RDC  
JOB 2913  
SHEET 09B.0  
OF SHEETS

REVISIONS BY

**ITEG**  
HOBBS ENGINEERING GROUP, INC.  
10000 W. BOULEVARD, SUITE 200  
ORLANDO, FLORIDA 32817  
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FAX: (407) 754-1790  
www.iteg.com

A DIVISION OF PARK SQUARE ENTERPRISES, INC.  
5200 Vineland Road, Suite 200  
Orlando, Florida 32817  
Phone: (407) 528-3000

**Park Square HOMES**

**ELECTRICAL PLAN**

**MECHANICAL/GENERAL NOTES**  
PER 8TH ED. 2023 FLA BLD. CODE-RESIDENTIAL

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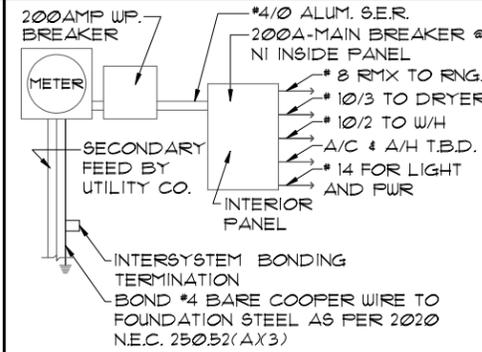
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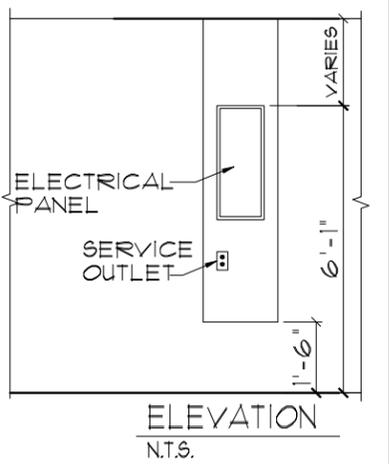
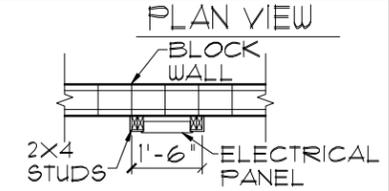
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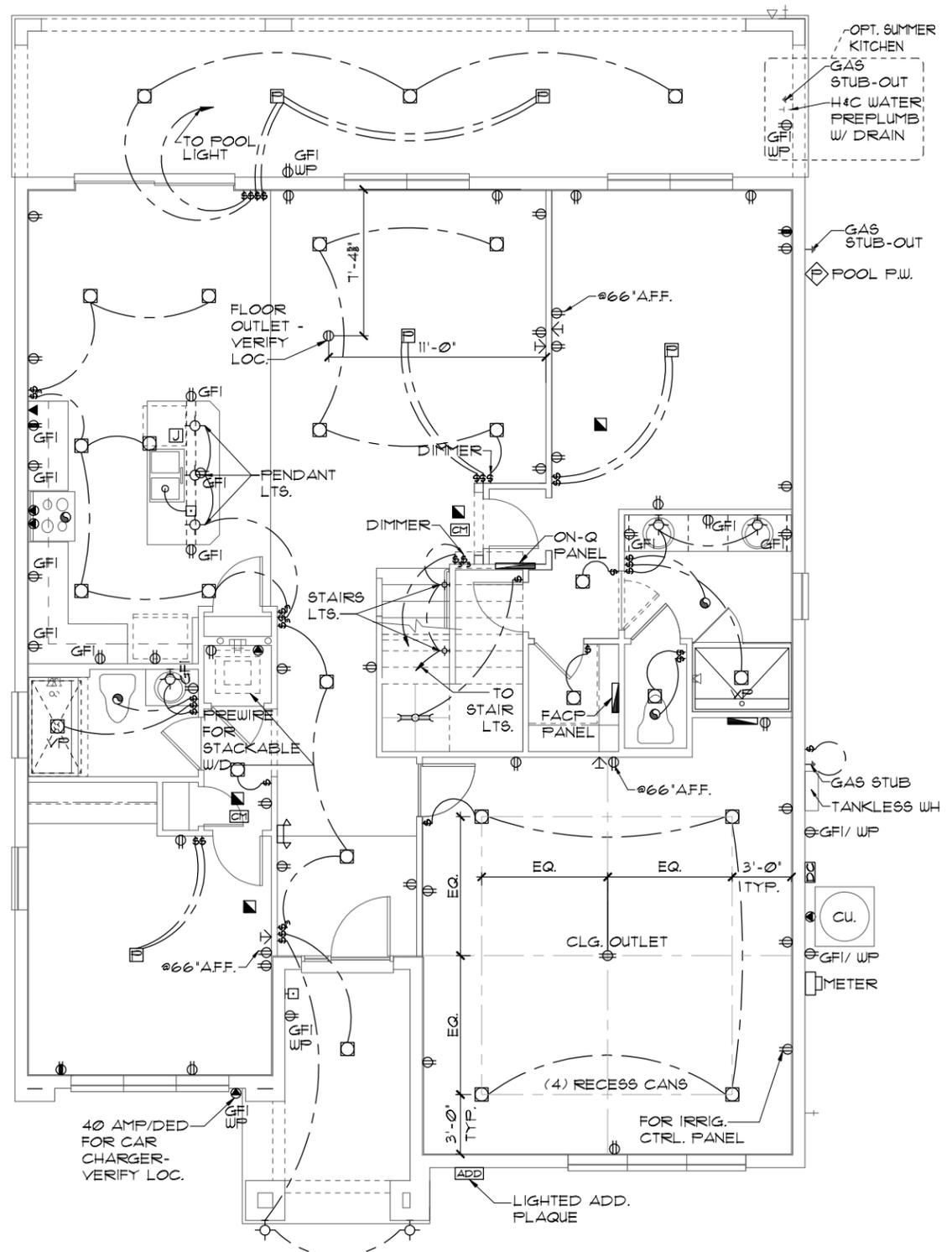
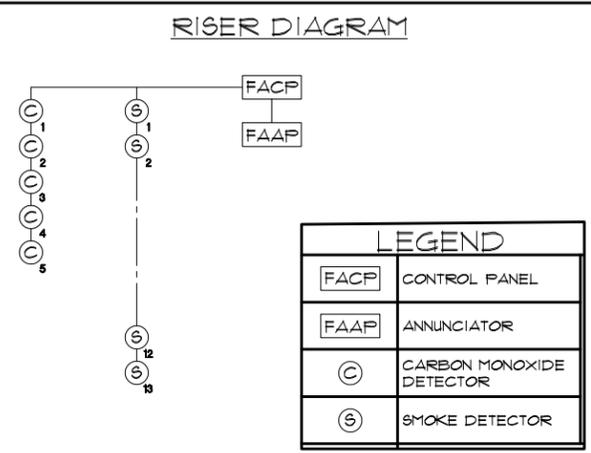
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REVISIONS BY

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET 09B.1

OF SHEETS

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6.) ALL OUTLETS IN BATHROOMS, KITCHEN, GARAGES AND LAUNDRY ROOM SHALL BE GFCI

7.) SMOKE ALARMS SHALL BE IN ALL SLEEPING AREAS. SHALL BE INTERCONNECTED, SHALL BE WITHIN 1' TO 3" OF PEAK & SHALL BE 3' FROM THE SUPPLY OR RETURN AIR- STREAM & EQUIPPED W/ A BATTERY BACKUP. ALARMS MAY NOT BE CONNECTED WHERE ALARMS ARE WIRELESS & ALL ALARMS SOUND UPON ACTIVATION IAW FBCR R314.3 & R314.4. MODEL\* TO BE USED ON THIS JOB TO BE:  
**BRK: SMOKE-9120B, C/O- SC9120B**  
**KIDDE: SMOKE-21007581, C/O 21006377-N**

8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED. P280.1.1

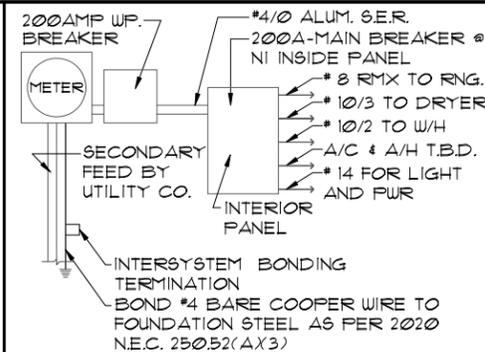
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.

10.) THE MAXIMUM ALLOWABLE EXHAUST DUCT LENGTH SHALL BE DETERMINED BY ONE OF THE METHODS SPECIFIED IN SECTIONS M1502.4.5.1 THROUGH M1502.4.5.3

11.) ALL ELECTRICAL WORK TO BE DONE PER **NFPA70-NEC 2020**

12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A)(2)

12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2020 - ARTICLE 210-52



**ELECTRICAL RISER DIAGRAM**  
N.T.S.  
NOTE: ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(A)(1) TO (6), LOCAL CODES, AND THE LOCAL POWER COMPANY.

250.52(A)(3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

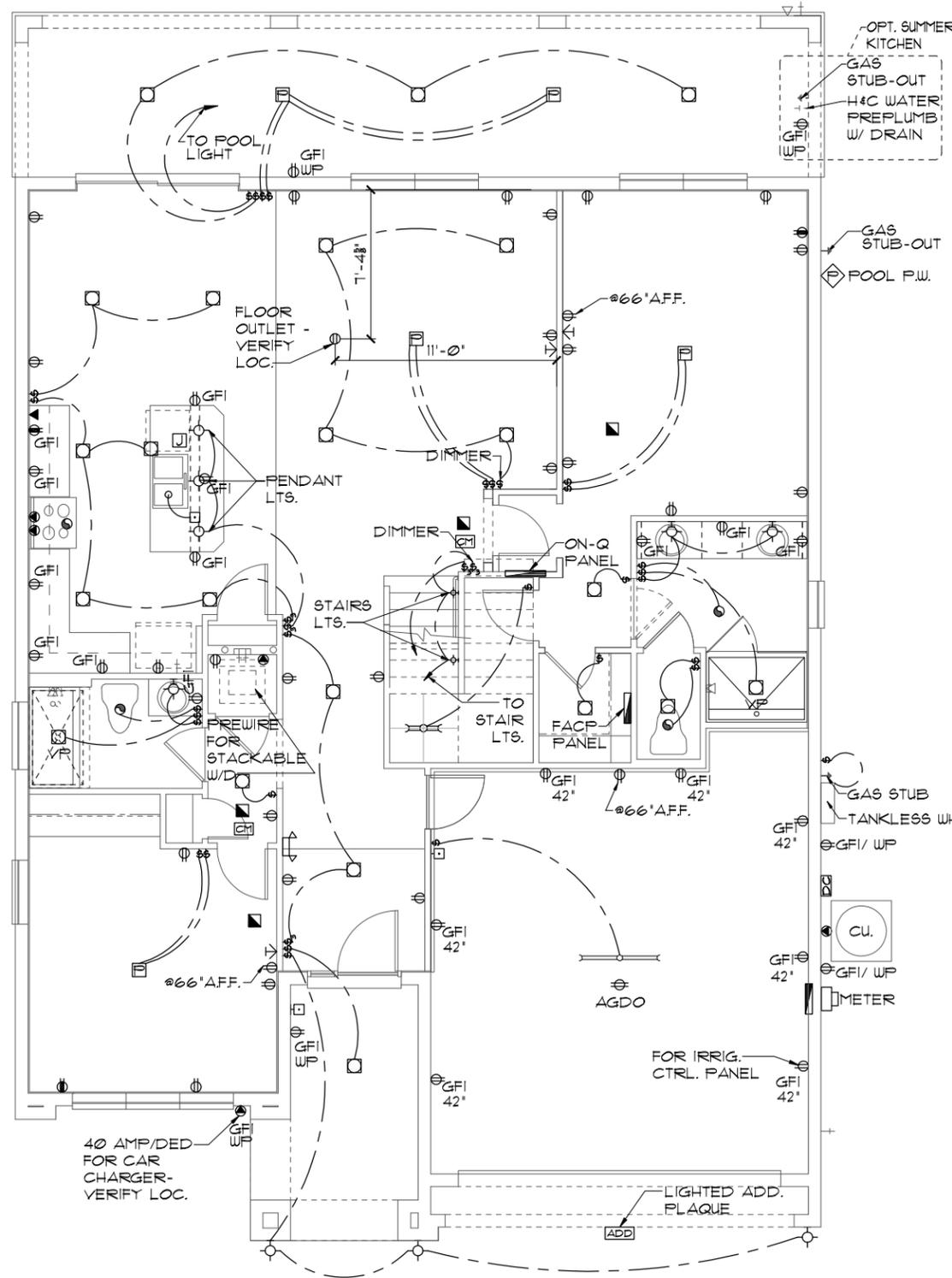
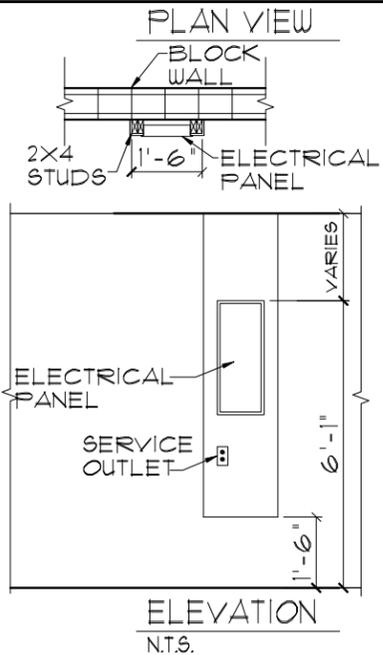
Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

There are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than 1/2 inch in diameter and at least 20 ft. long, encased in 2 inches of concrete; (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.

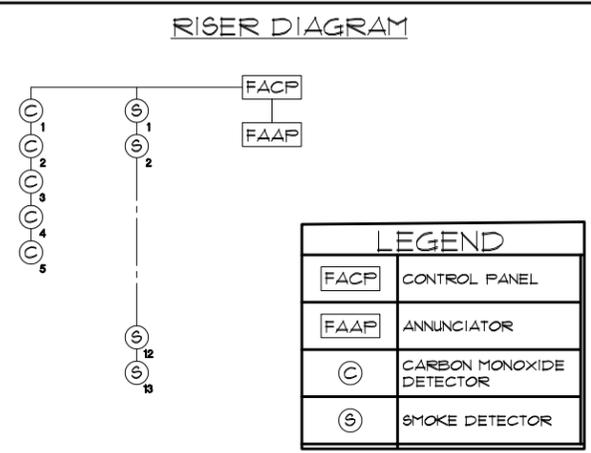
The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated with non-conductive material.

Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings or foundations have been poured before the electrical contractor arrives at the site, and a reinforcing rod is not available for use as a grounding electrode, then a grounding connection to the reinforcing rod is not required.

**NOTE: THE FIRE ALARM SYSTEM WILL CONSIST OF (1) FIRE ALARM CONTROL PANEL - 32 ZONE GMC-FW32CONVKT WITH (1) SMOKE DETECTOR OVER FIRE ALARM CONTROL PANEL. ALL INSTALLATION FOR THIS MACURCO CARBON MONOXIDE DETECTOR CM-EI&CONVENTIONAL SMOKE DETECTION FIREWOLF FW2-S SHALL BE INSTALLED PURSUANT THE MANUFACTURE REQUIREMENTS AND NEC 2020 CODE REQUIREMENTS**



ELECTRICAL LEGEND			
⊞	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊞	THREE WAY SWITCH	◀	OUTLET, PHONE
⊞	OUTLET 110-115	◀	INTERCOM
⊞	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
⊞	OUT. 110-115, W/ USB	⊞	SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE
⊞	OUT. 110-115, CLG. MOUNT.	⊞	CARBON MONOXIDE
⊞	OUT. 110-115, FLR. MOUNT.	⊞	PUSH BUTTON
⊞	SFCL. PURPOSE 220-240	⊞	EXHAUST FAN
⊞	LIGHT FIXT., CLG. MTD.	⊞	EX. FAN/LIGHT COMBO
⊞	LIGHT FIXT., WALL MTD.	⊞	DISPOSAL
⊞	LED LIGHT FIXT., RECEDED	⊞	ELECTRICAL PANEL
⊞	LIGHT FIXT., REC. ADJUST.	⊞	CEILING FAN, PREWIRE
⊞	LIGHT FIXT., FULL CHAIN	⊞	CEILING FAN, INSTALL
⊞	LED LIGHT FIXT., FLUORESCENT	⊞	ELECT. JUNCTION BOX
⊞	LIGHT FIXT., EXT. FLOODS	⊞	THERMOSTAT
⊞	LIGHT FIXT., EMERG. EXIT	⊞	DISCONNECT SWITCH
⊞	LIGHT FIXT., EXIT/BACKUP	⊞	ELEC. POWER METER



**ELECTRICAL PLAN "C"**  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

LOT: 000, PARADISO GRANDE

PARADISO GRANDE  
 AQUAMARINE  
 PARADISO GRANDE  
 2913  
 DATE 04-09-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 2913  
 SHEET 09C.0  
 OF SHEETS

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 5200 Vineland Road, Suite 200  
 Orlando, Florida 32811  
 Phone: (407) 529-3000

PARK SQUARE HOMES  
 ELECTRICAL PLAN

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

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**MECHANICAL/GENERAL NOTES**

PER 8TH ED. 2023 FLA BLD. CODE-RESIDENTIAL  
 1.) COMPLETE DUCT DESIGN W/ SIZES & R-VALUE COMPLYING W/ THE FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION 610.1 ABC.1

2.) APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION.  
 A) CHAPTER 13 OF THE FBC-R 2023 8TH SECTION M1305.1

3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION M1602 OF THE FBCR CODE 2023 8TH EDITION.

4.) IAW NEC 2020- 210.12- ALL 15A OR 20A, 120V BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES IN THE FOLLOWING LOCATIONS REQUIRE AFCI PROTECTION- KITCHEN, FAMILY RMS, DINING RMS, LIVING RMS, PARLORS, LIBRARIES, BEDROOMS, DENS, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.

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**BRK: SMOKE-9120B, C/O- SC9120B**  
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8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED. P2801.1

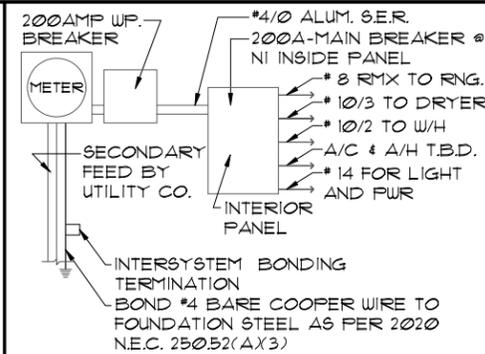
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12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2020 - ARTICLE 210-52



**ELECTRICAL RISER DIAGRAM**  
 N.T.S.  
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250.52(A)(3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

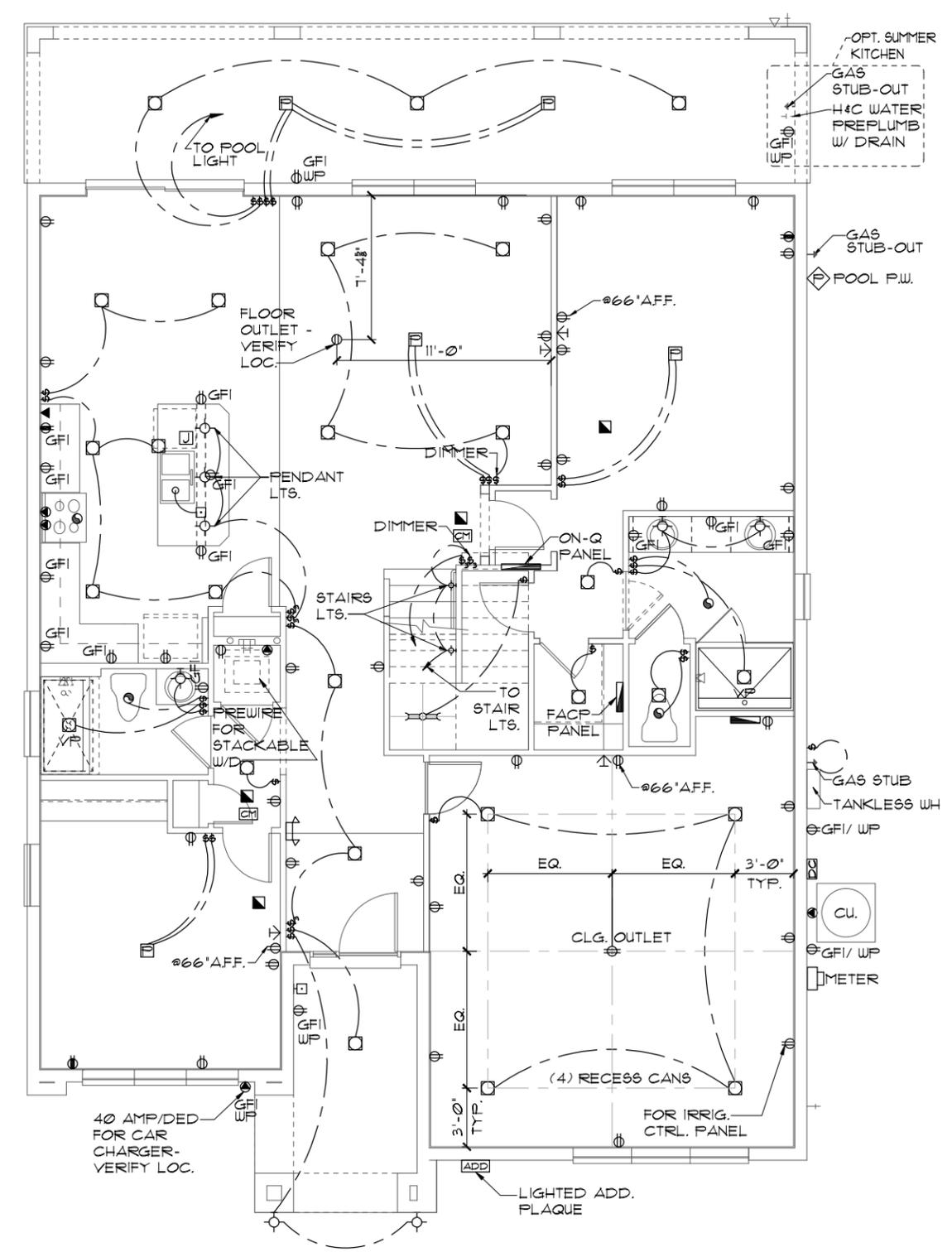
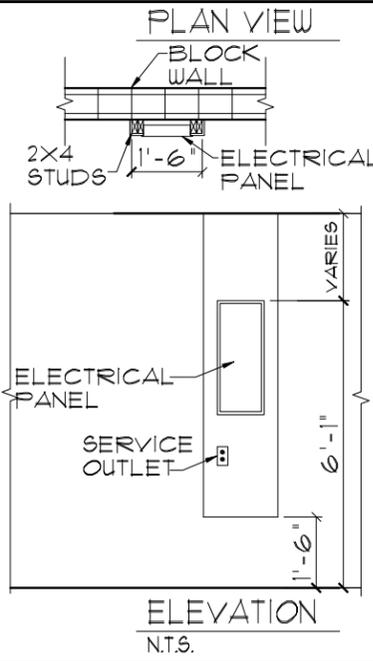
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The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated with non-conductive material.

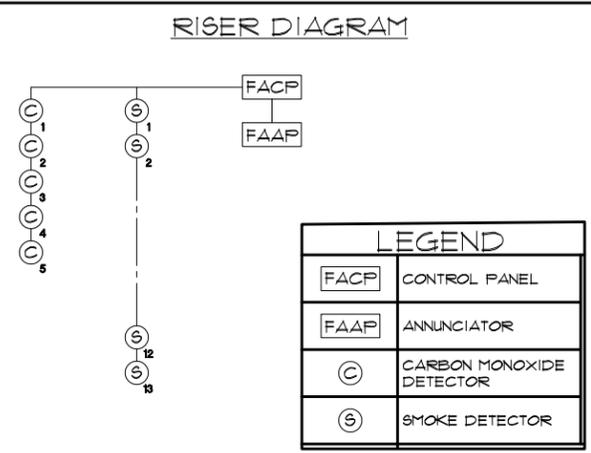
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**ELECTRICAL LEGEND**

⊞	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊞	THREE WAY SWITCH	◀	OUTLET, PHONE
⊞	OUTLET 110-115	◀	INTERCOM
⊞	OUT. 110-115, SPLIT WIRED	◀	CHIMES
⊞	OUT. 110-115, W/ USB	◀	SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE
⊞	OUT. 110-115, CLG. MOUNT.	◀	CARBON MONOXIDE
⊞	OUT. 110-115, FLR. MOUNT.	◀	PUSH BUTTON
⊞	SFCL. PURPOSE 220-240	◀	EXHAUST FAN
⊞	LIGHT FIXT., CLG. MTD.	◀	EX. FAN/LIGHT COMBO
⊞	LIGHT FIXT., WALL MTD.	◀	DISPOSAL
⊞	LED LIGHT FIXT., RECESSED	◀	ELECTRICAL PANEL
⊞	LIGHT FIXT., REC. ADJUST.	◀	CEILING FAN, PREWIRE
⊞	LIGHT FIXT., FULL CHAIN	◀	CEILING FAN, INSTALL
⊞	LED LIGHT FIXT., FLUORESCENT	◀	ELECT. JUNCTION BOX
⊞	LIGHT FIXT., EXT. FLOODS	◀	THERMOSTAT
⊞	LIGHT FIXT., EMERG. EXIT	◀	DISCONNECT SWITCH
⊞	LIGHT FIXT., EXIT/BACKUP	◀	ELEC. POWER METER



**ELECTRICAL PLAN "C"**  
 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

**PARADISO GRANDE**

LOT: 0000, PARADISO GRANDE

DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

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A DIVISION OF PARK SQUARE ENTERPRISES, INC.  
 5200 Vineland Road, Suite 200  
 Orlando, Florida, 32811  
 Phone: (407) 529-3000

**ELECTRICAL PLAN**

**AQUAMARINE**

**PARADISO GRANDE**

2913

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET 09C.1

OF SHEETS



**MECHANICAL/GENERAL NOTES**

PER 8TH ED. 2023 FLA BLD. CODE-RESIDENTIAL

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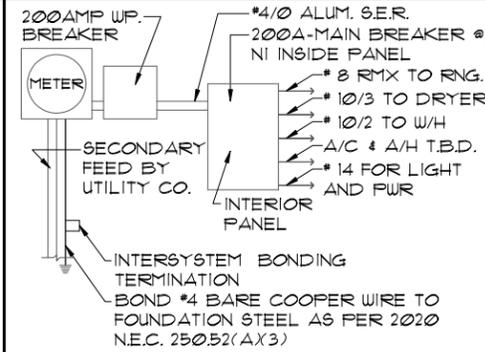
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11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA70- **NEC 2020**

12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A)2)

13.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2020 - ARTICLE 210-52



**ELECTRICAL RISER DIAGRAM**

NOTE:  
ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(A)1) TO (6); LOCAL CODES, AND THE LOCAL POWER COMPANY.

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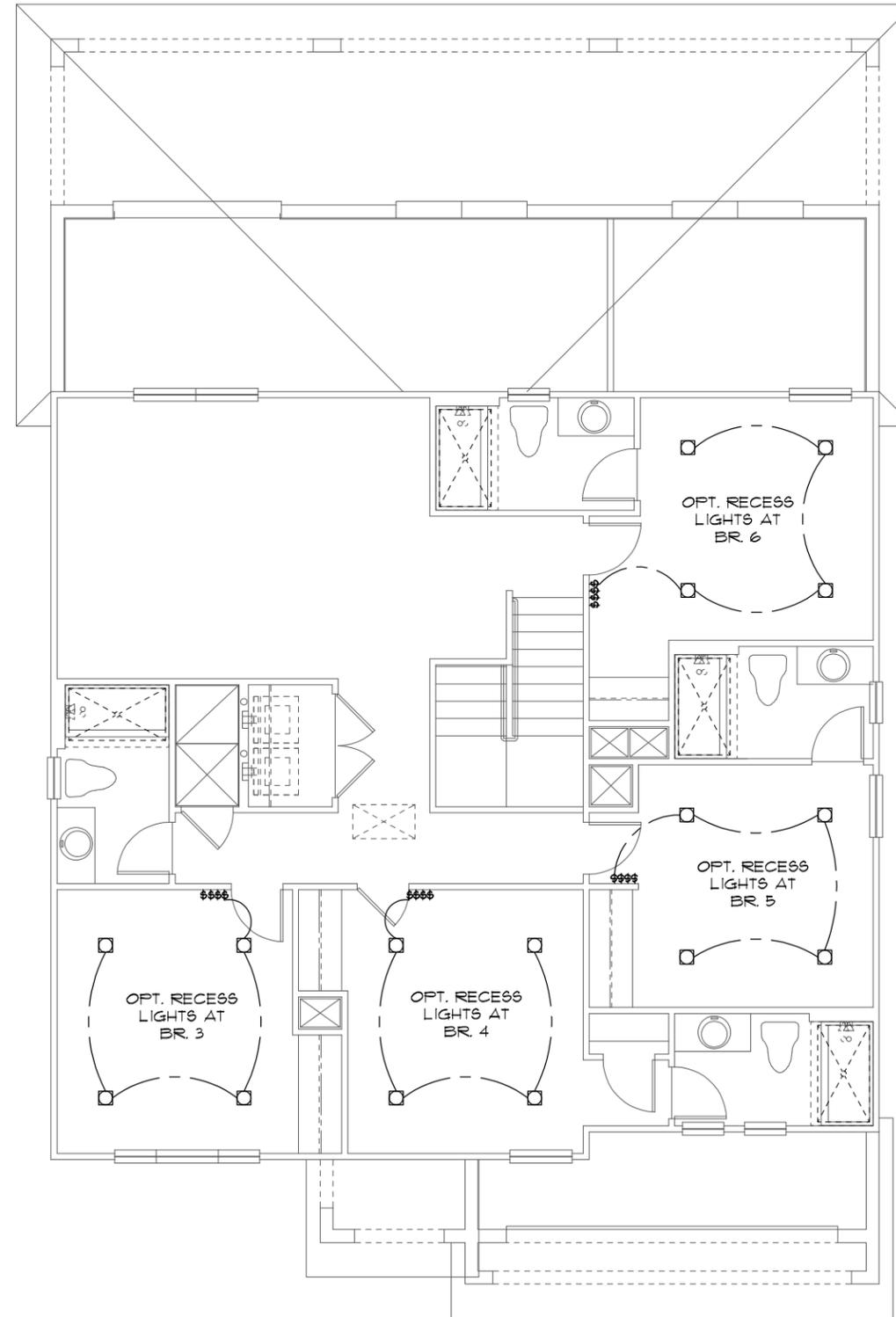
NOTE: IF MORE THAN 12 SMOKE ALARMS OR CARBON MONOXIDE ALARM COMBINATION ARE INSTALLED IN THE HOME CRIME PREVENTION WILL PULL A SEPARATE FIRE PERMIT AND THE SYSTEM WILL BE MONITORED

**ELECTRICAL LEGEND**

⊞	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊞	THREE WAY SWITCH	◀	OUTLET, PHONE
⊞	OUTLET 110-115	◻	INTERCOM
⊞	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
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⊞	SFCL. PURPOSE 220-240	⊞	EXHAUST FAN
⊞	LIGHT FIXT., CLG. MTD.	⊞	EX. FAN/LIGHT COMBO
⊞	LIGHT FIXT., WALL MTD.	⊞	DISPOSAL
⊞	LED LIGHT FIXT., RECESSED	⊞	ELECTRICAL PANEL
⊞	LIGHT FIXT., REC. ADJUST.	⊞	CEILING FAN, PREWIRE
⊞	LIGHT FIXT., FULL CHAIN	⊞	CEILING FAN, INSTALL
⊞	LED LIGHT FIXT., FLUORESCENT	⊞	ELECT. JUNCTION BOX
⊞	LIGHT FIXT., EXT. FLOODS	⊞	THERMOSTAT
⊞	LIGHT FIXT., EMERG. EXIT	⊞	DISCONNECT SWITCH
⊞	LIGHT FIXT., EXIT/BACKUP	⊞	ELEC. POWER METER

**UPPER ELECTRICAL PLAN "OPT. LED"**

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



**LED RECESS OPTION**

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

PARADISO GRANDE

ELECTRICAL PLAN

LOT: 000, PARADISO GRANDE

2913

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET 10.0

OF SHEETS

AQUAMARINE

PARADISO GRANDE

REVISIONS BY

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10000 W. STATE ROAD 100, SUITE 200  
ORLANDO, FLORIDA 32811  
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A DIVISION OF PARK SQUARE ENTERPRISES, INC.  
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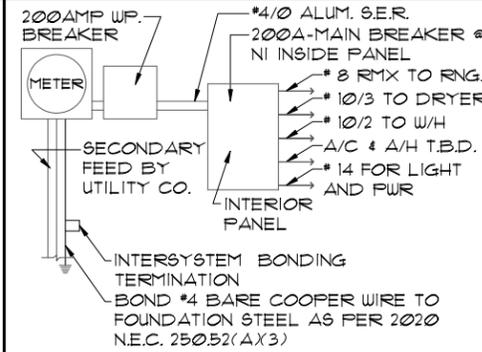
Park Square HOMES

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**MECHANICAL/GENERAL NOTES**  
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- 7.) SMOKE ALARMS SHALL BE IN ALL SLEEPING AREAS, SHALL BE INTERCONNECTED, SHALL BE WITHIN 1' TO 3' OF PEAK & SHALL BE 3' FROM THE SUPPLY OR RETURN AIR- STREAM & EQUIPPED W/ A BATTERY BACKUP. ALARMS MAY NOT BE CONNECTED WHERE ALARMS ARE WIRELESS & ALL ALARMS SOUND UPON ACTIVATION IAW FBCR R314.3 & R314.4. MODEL\* TO BE USED ON THIS JOB TO BE:  
**BRK: SMOKE-9120B, C/O- SC9120B**  
**KIDDE: SMOKE-21007581, C/O 21006377-N**
- 8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED. F2801.1
- 9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.
- 10.) THE MAXIMUM ALLOWABLE EXHAUST DUCT LENGTH SHALL BE DETERMINED BY ONE OF THE METHODS SPECIFIED IN SECTIONS M1502.4.5.1 THROUGH M1502.4.5.3
- 11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA70-NEC 2020
- 12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A)(2)
- 13.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2020 - ARTICLE 210-52



**ELECTRICAL RISER DIAGRAM**  
NOTE:  
ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(A)(1) TO (6), LOCAL CODES, AND THE LOCAL POWER COMPANY.

250.52(A)(3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.  
  
Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

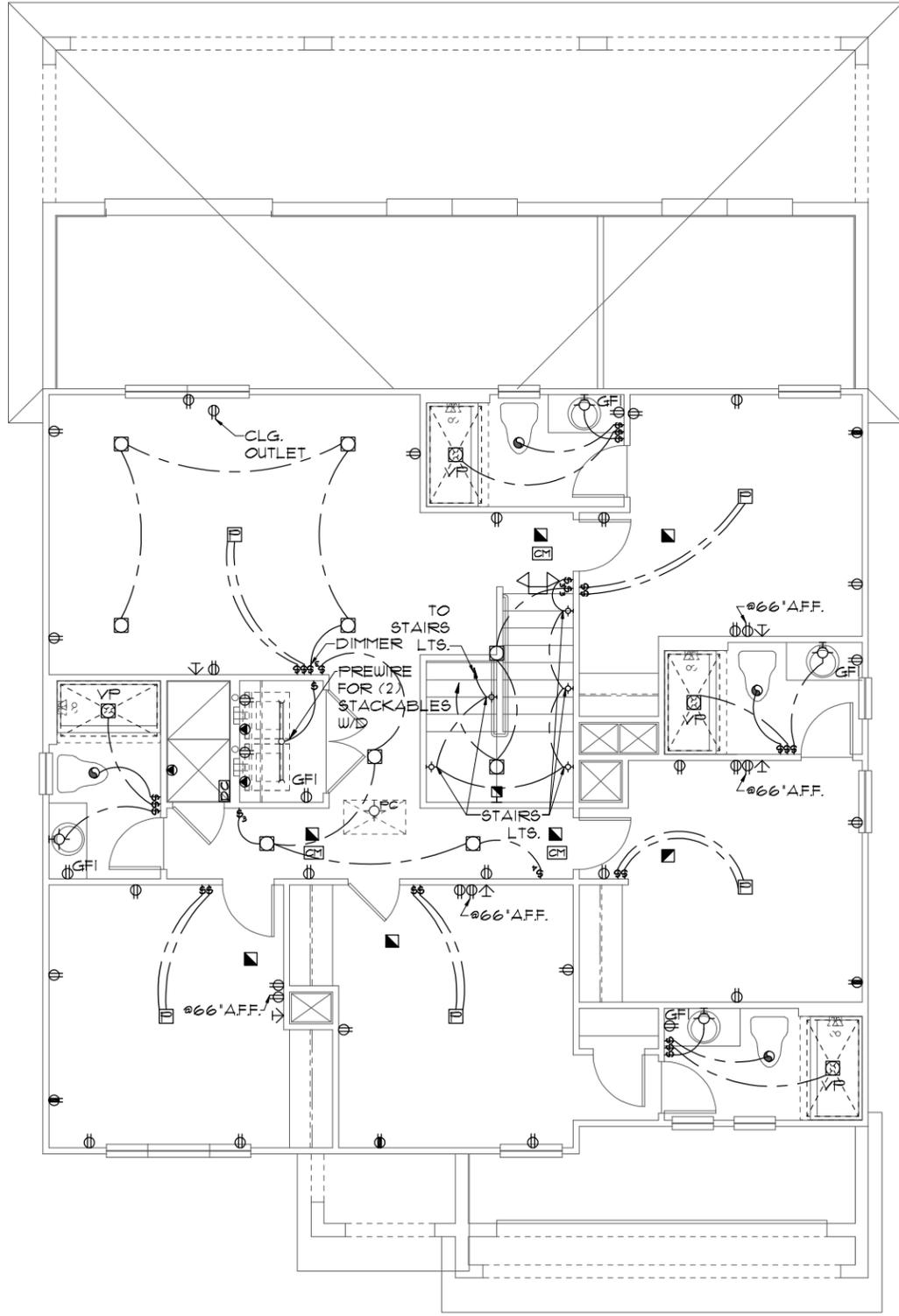
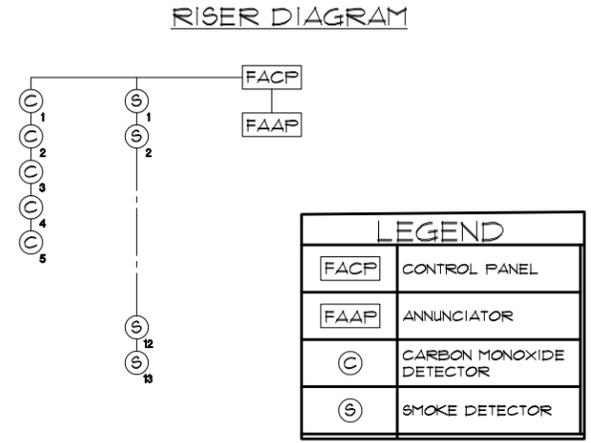
There are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than 1/2 inch in diameter and at least 20 ft. long, encased in 2 inches of concrete; (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.

The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated with non-conductive material.

Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings or foundations have been poured before the electrical contractor arrives at the site, and a reinforcing rod is not available for use as a grounding electrode, then a grounding connection to the reinforcing rod is not required.

**NOTE: THE FIRE ALARM SYSTEM WILL CONSIST OF (1) FIRE ALARM CONTROL PANEL - 32 ZONE GEMC-FW32CONVKT WITH (1) SMOKE DETECTOR OVER FIRE ALARM CONTROL PANEL. ALL INSTALLATION FOR THIS MACURCO CARBON MONOXIDE DETECTOR CM-EI&CONVENTIONAL SMOKE DETECTION FIREWOLF FW2-S SHALL BE INSTALLED PURSUANT THE MANUFACTURE REQUIREMENTS AND NEC 2020 CODE REQUIREMENTS**

ELECTRICAL LEGEND			
⊞	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊞	THREE WAY SWITCH	◀	OUTLET, PHONE
⊞	OUTLET 110-115	◻	INTERCOM
⊞	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
⊞	OUT. 110-115, W/ USB	⊞	SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE
⊞	OUT. 110-115, CLG. MOUNT.	⊞	CARBON MONOXIDE
⊞	OUT. 110-115, FLR. MOUNT.	⊞	PUSH BUTTON
⊞	SFCL. PURPOSE 220-240	⊞	EXHAUST FAN
⊞	LIGHT FIXT., CLG. MTD.	⊞	EX. FAN/LIGHT COMBO
⊞	LIGHT FIXT., WALL MTD.	⊞	DISPOSAL
⊞	LED LIGHT FIXT., RECESSED	⊞	ELECTRICAL PANEL
⊞	LIGHT FIXT., REC. ADJUST.	⊞	CEILING FAN, PREWIRE
⊞	LIGHT FIXT., FULL CHAIN	⊞	CEILING FAN, INSTALL
⊞	LED LIGHT FIXT., FLUORESCENT	⊞	ELECT. JUNCTION BOX
⊞	LIGHT FIXT., EXT. FLOODS	⊞	THERMOSTAT
⊞	LIGHT FIXT., EMERG. EXIT	⊞	DISCONNECT SWITCH
⊞	LIGHT FIXT., EXIT/BACKUP	⊞	ELEC. POWER METER



**UPPER ELECTRICAL PLAN "A"**  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

LOT: 0000, PARADISO GRANDE  
 THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH  
 AQUAMARINE  
 PARADISO GRANDE  
 2913  
 DATE 04-09-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 2913  
 SHEET 10A.0  
 OF SHEETS

**PARADISO GRANDE**  
 A DIVISION OF PARK SQUARE ENTERPRISES, INC.  
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 Orlando, Florida, 32811  
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 Fax: (407) 734-1790  
 www.iteg.com  
 REVISIONS BY

**MECHANICAL/GENERAL NOTES**

PER 8TH ED. 2023 FLA BLD. CODE-RESIDENTIAL  
 1.) COMPLETE DUCT DESIGN W/ SIZES & R-VALUE COMPLYING W/ THE FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION 610.1 ABC.1

2.) APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION.  
 A) CHAPTER 13 OF THE FBC-R 2023 8TH SECTION M1305.1

3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION M1602 OF THE FBCR CODE 2023 8TH EDITION.

4.) IAW NEC 2020- 210.12- ALL 15A OR 20A, 120V BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES IN THE FOLLOWING LOCATIONS REQUIRE AFCI PROTECTION- KITCHEN, FAMILY RMS, DINING RMS, LIVING RMS, PARLORS, LIBRARIES, BEDROOMS, DENS, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.

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**KIDDE: SMOKE-21007581, C/O 21006377-N**

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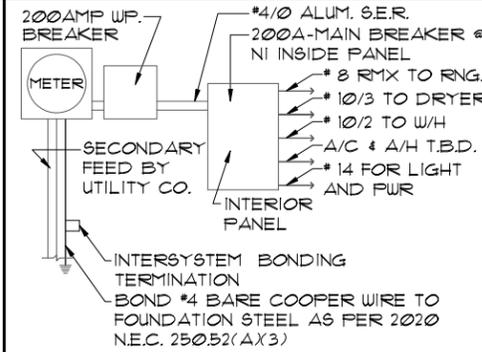
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**ELECTRICAL RISER DIAGRAM**

NOTE:  
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250.52(A)(3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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There are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than 1/2 inch in diameter and at least 20 ft. long, encased in 2 inches of concrete; (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.

The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated with non-conductive material.

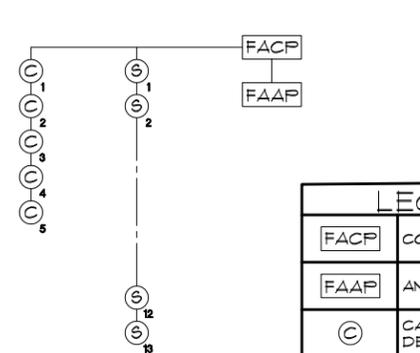
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**ELECTRICAL LEGEND**

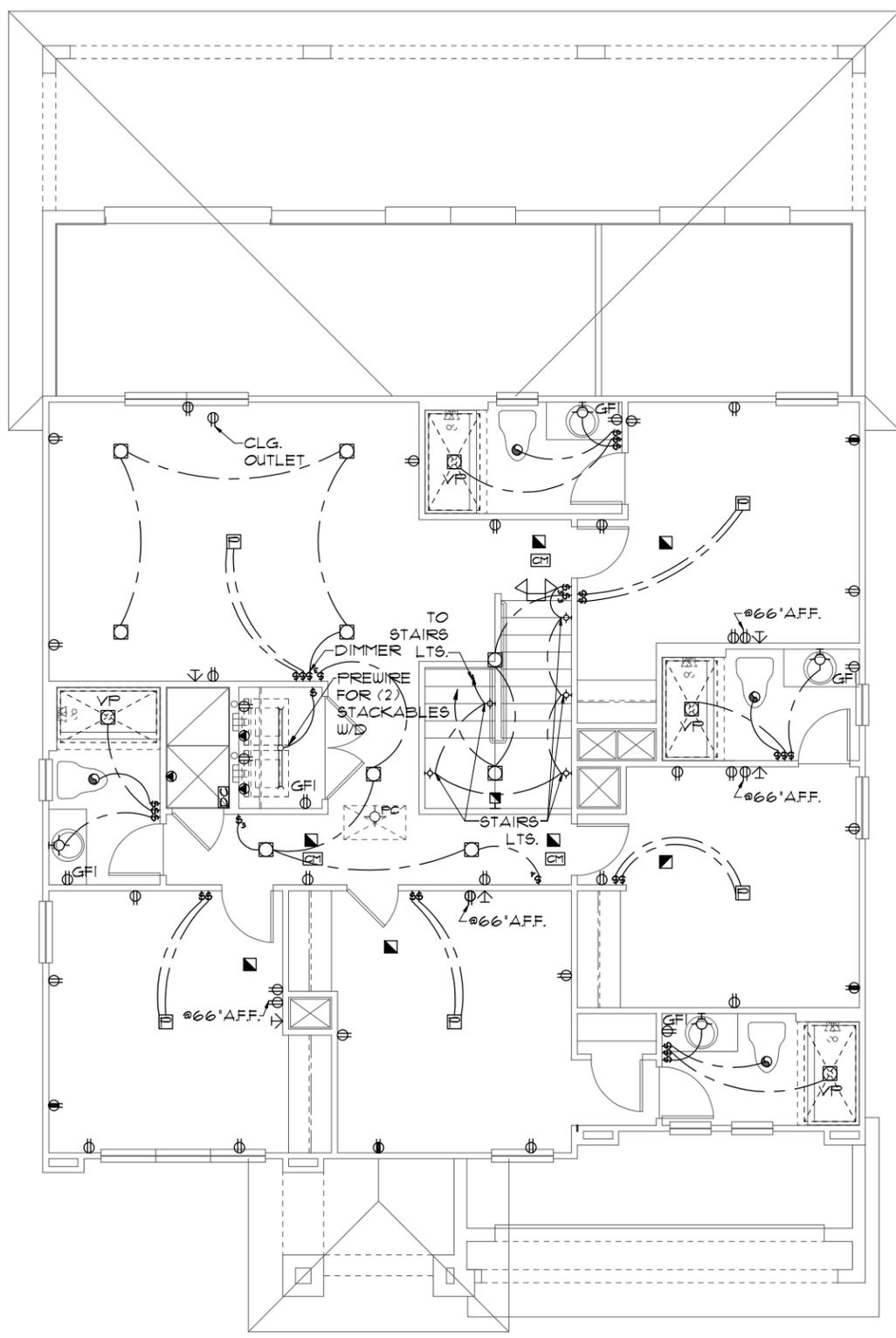
⊕	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊕	THREE WAY SWITCH	◀	OUTLET, PHONE
⊕	OUTLET 110-115	◻	INTERCOM
⊕	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
⊕	OUT. 110-115, W/ USB	⊞	SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE
⊕	OUT. 110-115, CLG. MOUNT.	⊞	CARBON MONOXIDE
⊕	OUT. 110-115, FLR. MOUNT.	⊞	PUSH BUTTON
⊕	SFCL. PURPOSE 220-240	⊞	EXHAUST FAN
⊕	LIGHT FIXT., CLG. MTD.	⊞	EX. FAN/LIGHT COMBO
⊕	LIGHT FIXT., WALL MTD.	⊞	DISPOSAL
⊕	LED LIGHT FIXT., RECESSED	⊞	ELECTRICAL PANEL
⊕	LIGHT FIXT., REC. ADJUST.	⊞	CEILING FAN, PREWIRE
⊕	LIGHT FIXT., FULL CHAIN	⊞	CEILING FAN, INSTALL
⊕	LED LIGHT FIXT., FLUORESCENT	⊞	ELECT. JUNCTION BOX
⊕	LIGHT FIXT., EXT. FLOODS	⊞	THERMOSTAT
⊕	LIGHT FIXT., EMERG. EXIT	⊞	DISCONNECT SWITCH
⊕	LIGHT FIXT., EXIT/BACKUP	⊞	ELEC. POWER METER

**RISER DIAGRAM**



**LEGEND**

FACP	CONTROL PANEL
FAAP	ANNUNCIATOR
⊕	CARBON MONOXIDE DETECTOR
⊕	SMOKE DETECTOR



**UPPER ELECTRICAL PLAN "B"**

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

LOT: 000, PARADISO GRANDE  
 THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH  
 AQUAMARINE  
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**MECHANICAL/GENERAL NOTES**

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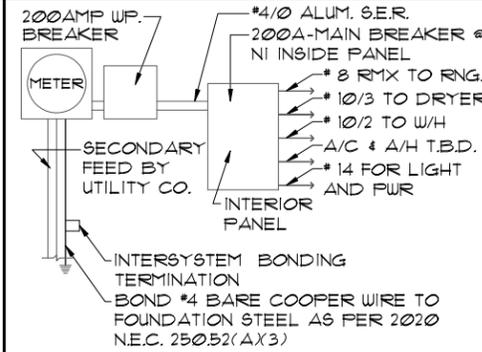
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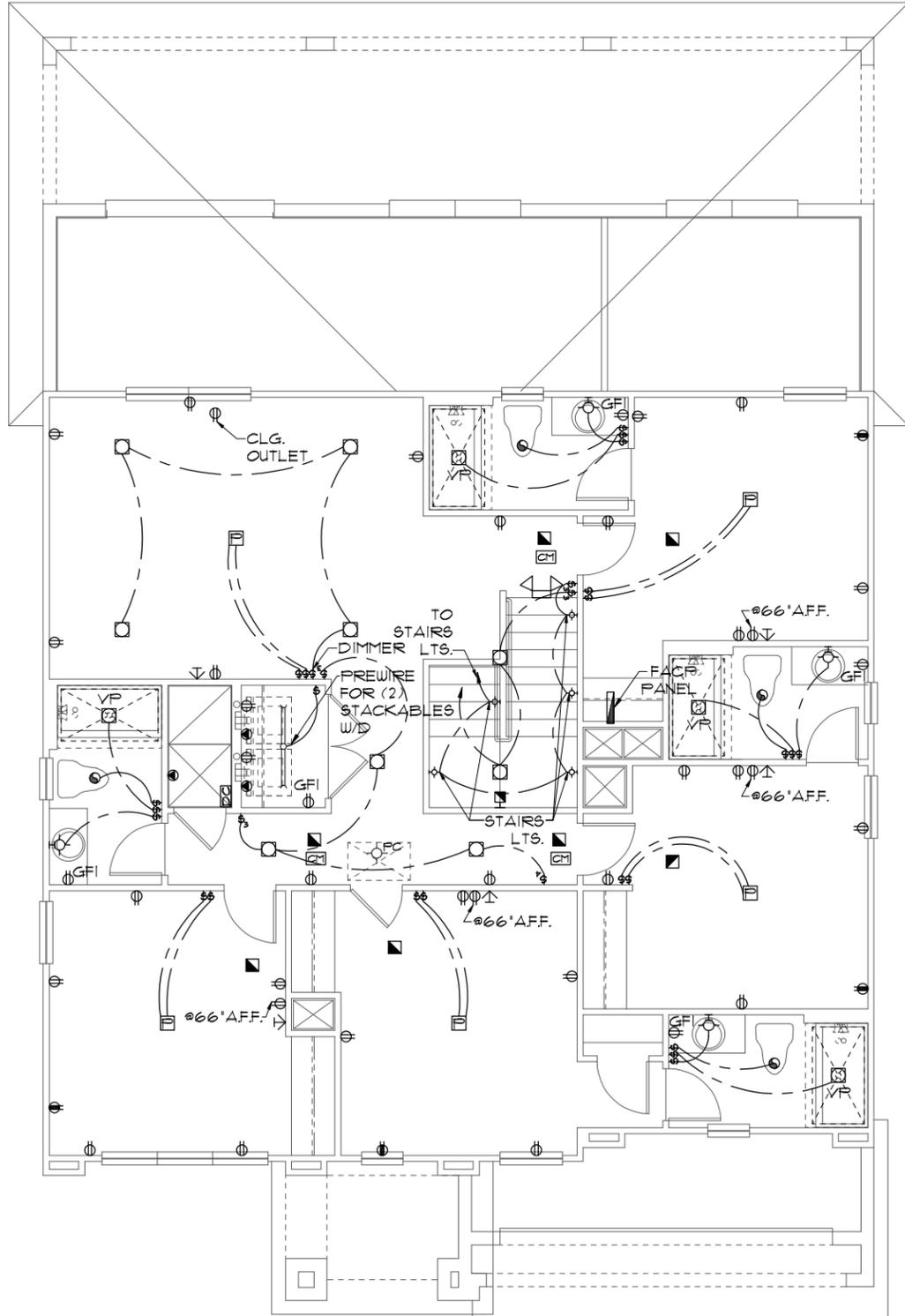
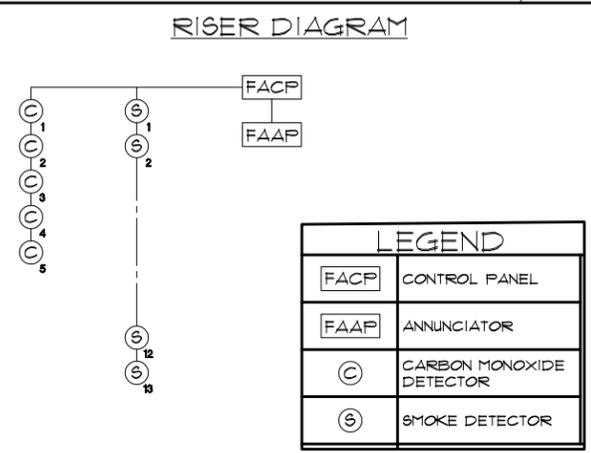
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ELECTRICAL LEGEND	
⊕	SINGLE POLE SWITCH
⊕	THREE WAY SWITCH
⊕	OUTLET 110-115
⊕	OUT. 110-115, SPLIT WIRED
⊕	OUT. 110-115, W/ USB
⊕	OUT. 110-115, CLG. MOUNT.
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⊕	CEILING FAN, INSTALL
⊕	ELECT. JUNCTION BOX
⊕	THERMOSTAT
⊕	DISCONNECT SWITCH
⊕	ELEC. POWER METER



UPPER ELECTRICAL PLAN "C"  
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LOT: 0000, PARADISO GRANDE  
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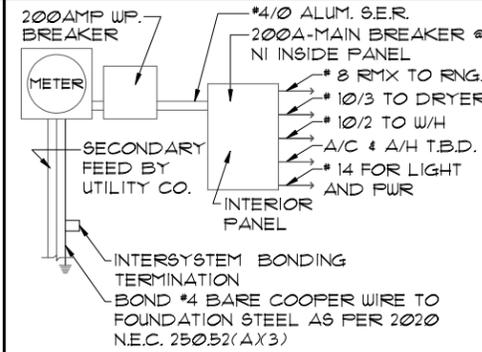
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12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A)(2)

13.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2020 - ARTICLE 210-52



**ELECTRICAL RISER DIAGRAM**

NOTE:  
 ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(A)(1) TO (6), LOCAL CODES, AND THE LOCAL POWER COMPANY.

250.52(A)(3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

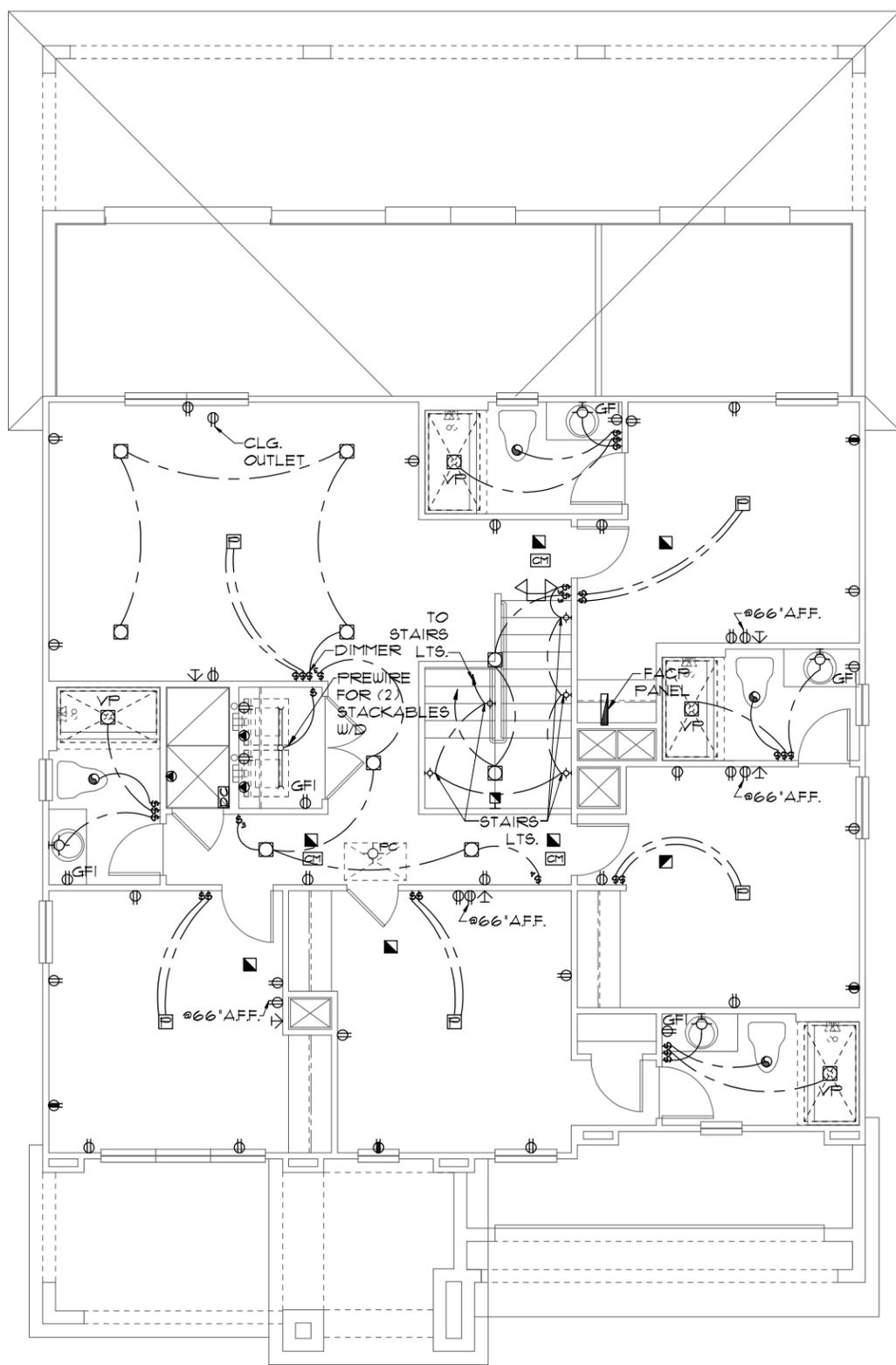
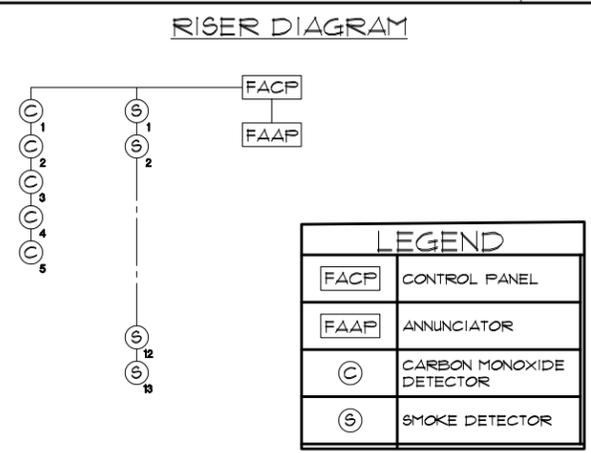
There are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than 1/2 inch in diameter and at least 20 ft. long, encased in 2 inches of concrete; (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.

The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated with non-conductive material.

Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings or foundations have been poured before the electrical contractor arrives at the site, and a reinforcing rod is not available for use as a grounding electrode, then a grounding connection to the reinforcing rod is not required.

NOTE: THE FIRE ALARM SYSTEM WILL CONSIST OF (1) FIRE ALARM CONTROL PANEL - 32 ZONE GEMC-FW32CONVKT WITH (1) SMOKE DETECTOR OVER FIRE ALARM CONTROL PANEL. ALL INSTALLATION FOR THIS MACURCO CARBON MONOXIDE DETECTOR CM-EI&CONVENTIONAL SMOKE DETECTION FIREWOLF FW2-S SHALL BE INSTALLED PURSUANT THE MANUFACTURE REQUIREMENTS AND NEC 2020 CODE REQUIREMENTS

ELECTRICAL LEGEND	
⊞	SINGLE POLE SWITCH
⊞	THREE WAY SWITCH
⊞	OUTLET 110-115
⊞	OUT. 110-115, SPLIT WIRED
⊞	OUT. 110-115, W/ USB
⊞	OUT. 110-115, CLG. MOUNT.
⊞	OUT. 110-115, FLR. MOUNT.
⊞	SFCL. PURPOSE 220-240
⊞	LIGHT FIXT., CLG. MTD.
⊞	LIGHT FIXT., WALL MTD.
⊞	LED LIGHT FIXT., RECESSED
⊞	LIGHT FIXT., REC. ADJUST.
⊞	LIGHT FIXT., FULL CHAIN
⊞	LED LIGHT FIXT., FLUORESCENT
⊞	LIGHT FIXT., EXT. FLOODS
⊞	LIGHT FIXT., EMERG. EXIT
⊞	LIGHT FIXT., EXIT/BACKUP
⊞	OUTLET, TV/CABLE
⊞	OUTLET, PHONE
⊞	INTERCOM
⊞	CHIMES
⊞	SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE
⊞	CARBON MONOXIDE
⊞	PUSH BUTTON
⊞	EXHAUST FAN
⊞	EX. FAN/LIGHT COMBO
⊞	DISPOSAL
⊞	ELECTRICAL PANEL
⊞	CEILING FAN, PREWIRE
⊞	CEILING FAN, INSTALL
⊞	ELECT. JUNCTION BOX
⊞	THERMOSTAT
⊞	DISCONNECT SWITCH
⊞	ELEC. POWER METER



UPPER ELECTRICAL PLAN "D"  
 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

LOT: 0000, PARADISO GRANDE  
 THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

**PARADISO GRANDE**  
**AQUAMARINE**  
**2913**  
 DATE 04-09-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 2913  
 SHEET 10D.0  
 OF SHEETS

**ITEG**  
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 5200 Vineland Road, Suite 200  
 Orlando, Florida 32811  
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 www.iteg.com

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 5200 Vineland Road, Suite 200  
 Orlando, Florida 32811  
 Phone: (407) 528-3000

REVISIONS BY

### ATTIC VENTILATION CALCULATIONS

PER FBC2023 8TH EDITION R306: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

THE MINIMUM NET VENTILATION AREA SHALL BE 1/50 OF VENTED SPACE:

TOTAL VENTED SPACE:  $\frac{3,644 \text{ SF.}}{300} = 12.15 \text{ SF.}$  NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL: ----- **595 SF.**  
 PROVIDED W/OFF RIDGE VENTS: **7** VENTS @ **.85 SF./VENT.**  
 (VENT TYPE: O'HAGIN MODEL 'S')

LOWER PORTION VENTILATION TOTAL: ----- **26.0 SF.**  
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:  
 (**300 LF. @ 0.087 SF** VENTING PER LF.)

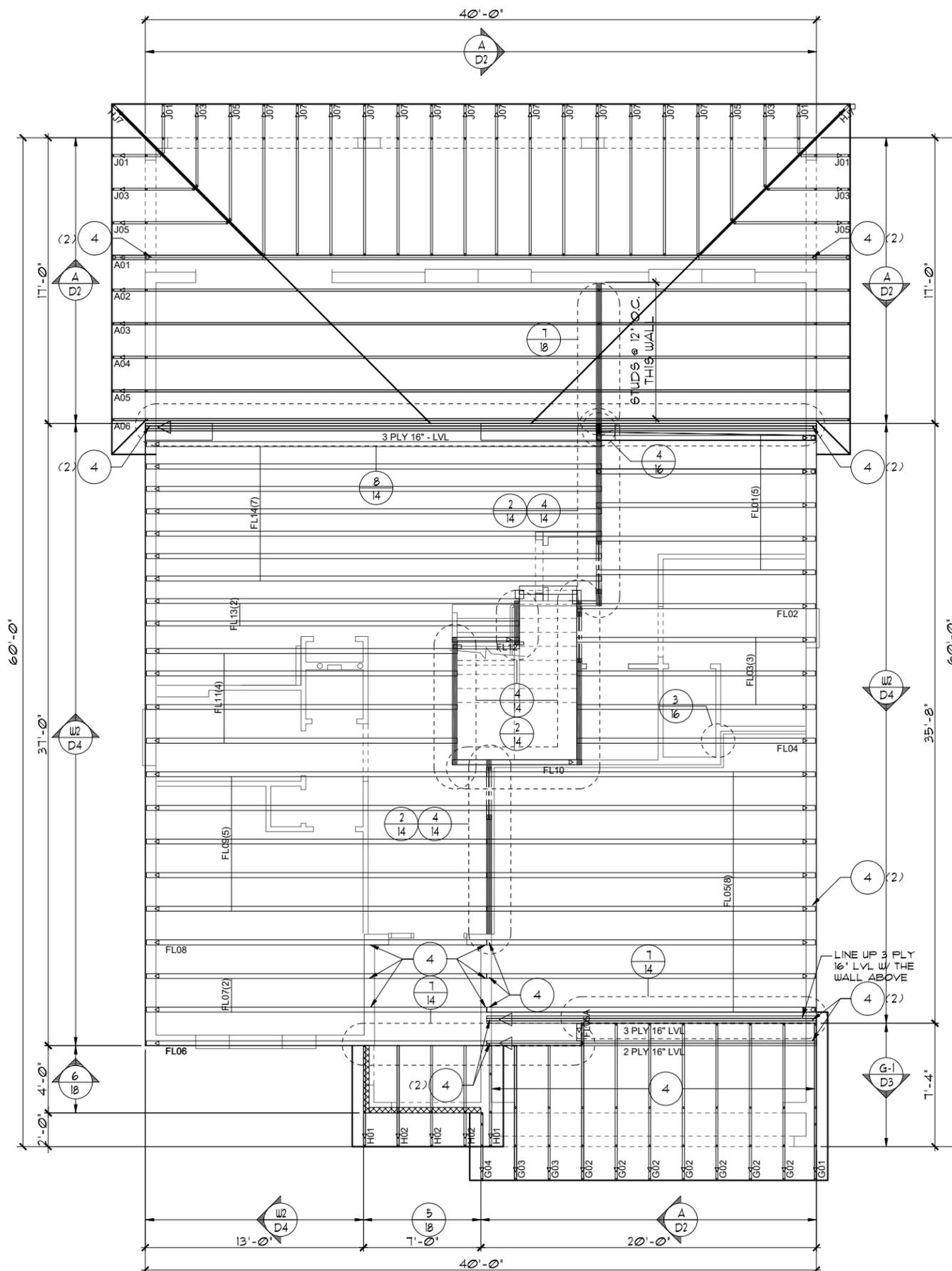
UPPER PORTION PERCENTAGE: **49%**  
 LOWER PORTION PERCENTAGE: **51%**

### NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCS1 I.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.3.3. Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6751 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :
  - O'HAGIN - 1' X 19" HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R305.3.5

### TRUSS LAYOUT "A"

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



LOT: 0000, PARADISO GRANDE  
 THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

PARADISO GRANDE  
 AQUAMARINE  
 2913  
 DATE 04-09-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 2913  
 SHEET 11A.0  
 OF SHEETS

REVISIONS	BY

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**Park Square HOMES**

A DIVISION OF PARK SQUARE ENTERPRISES, INC.  
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 Orlando, Florida, 32811  
 Phone: (407) 529-3000

### ATTIC VENTILATION CALCULATIONS

PER FBC2023 8TH EDITION R306: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

THE MINIMUM NET VENTILATION AREA SHALL BE 1/50 OF VENTED SPACE:

TOTAL VENTED SPACE:  $\frac{3,644 \text{ S.F.}}{300} = 12.15 \text{ S.F.}$  NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL: ----- **595 S.F.**  
 PROVIDED W/OFF RIDGE VENTS: **7** VENTS @ **.85 S.F./VENT.**  
 (VENT TYPE: O'HAGIN MODEL 'S')

LOWER PORTION VENTILATION TOTAL: ----- **26.0 S.F.**  
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:  
 (**300 L.F.** @ **0.087 S.F.** VENTING PER L.F.)

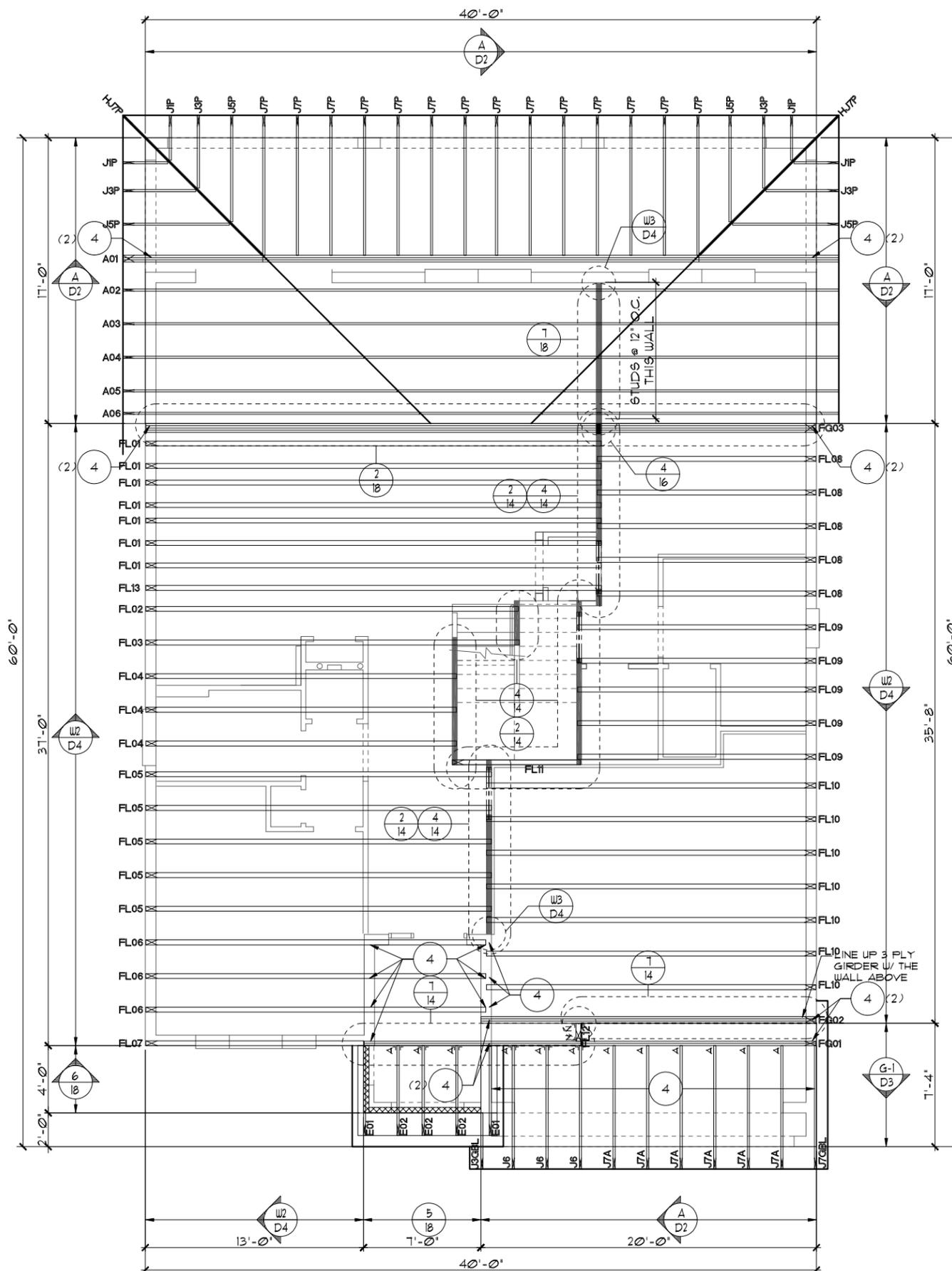
UPPER PORTION PERCENTAGE: **49%**  
 LOWER PORTION PERCENTAGE: **5%**

### NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
- ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCS1 I.
- REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.3.3.  
 Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6751 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
- OFF RIDGE VENTS MAXIMUM OPENING SIZES:
  - O'HAGIN - 1" X 19" HOLE
- TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R305.3.5

### TRUSS LAYOUT "A"

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



### ATTIC VENTILATION CALCULATIONS

PER FBC2020 11TH EDITION R306: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

THE MINIMUM NET VENTILATION AREA SHALL BE 1/50 OF VENTED SPACE:

TOTAL VENTED SPACE:  $\frac{3,644\text{S.F.}}{300} = \underline{12.15\text{S.F.}}$  NET FREE REQUIRED

UPPER PORTION VENTILATION TOTAL: **5.95S.F.**  
 PROVIDED W/OFF RIDGE VENTS: 7 VENTS @ **.85S.F.** /VENT.  
 (TILE: O'HAGIN MODEL "S", SHINGLE: LOMANCO T10-D - OR MILLENNIUM METAL)  
 LOWER PORTION VENTILATION TOTAL: **26.0S.F.**  
 PROVIDED W/SOFFITS @ EAVE: **300L.F.** @ **0.087S.F.** VENTING/L.F.

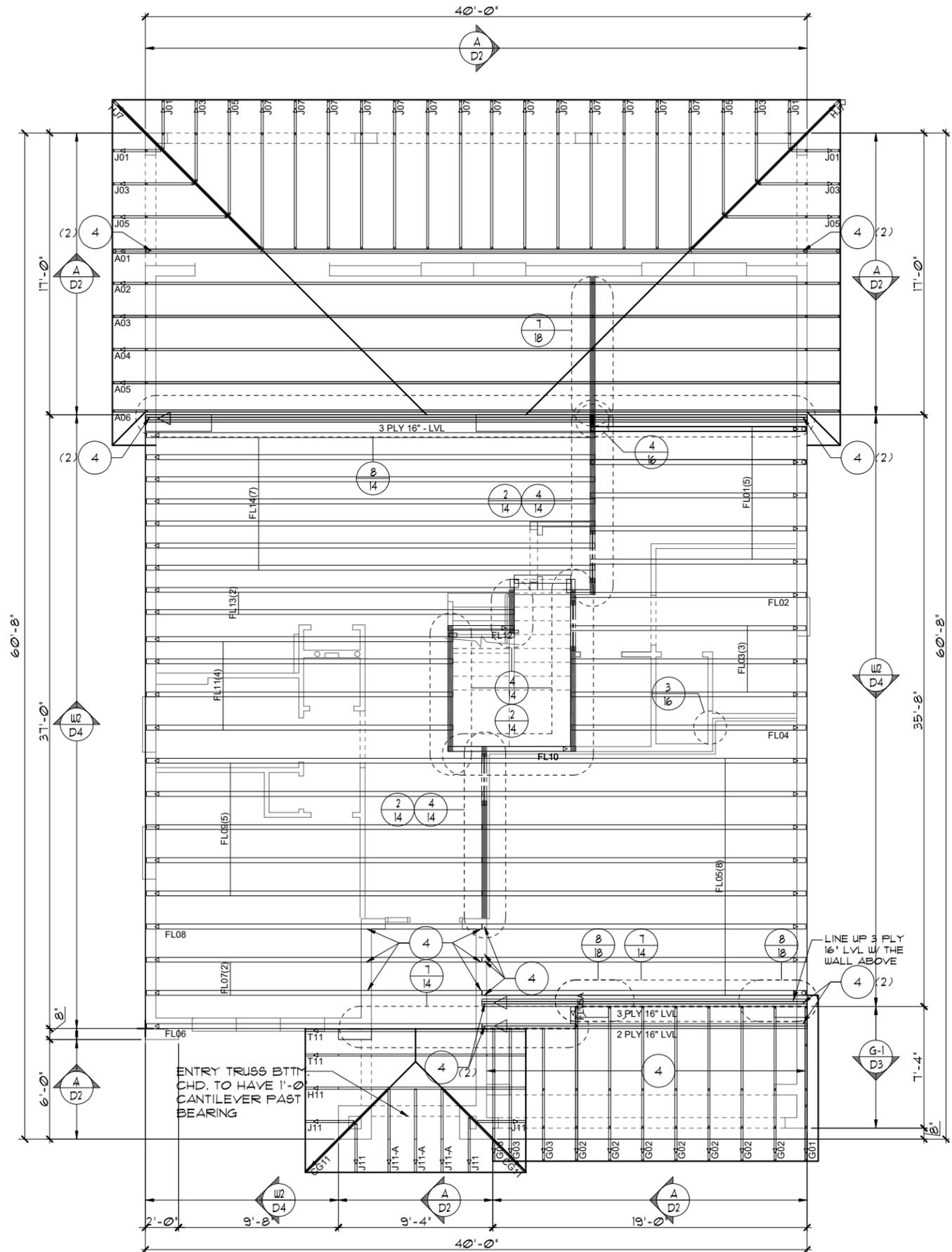
UPPER PORTION PERCENTAGE: **49%**  
 LOWER PORTION PERCENTAGE: **51%**

### NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE **8"** UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE **20"** UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IAW THE 2020 11TH EDITION FBCR. PROVIDE ROOF VALLEY FLASHING IAW FBCR R903.2
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BC91.1.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 11TH EDITION R905.3  
 OR  
 SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 11TH EDITION R905.11

### TRUSS LAYOUT "B"

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

LOT: 0000, PARADISO GRANDE

AQUAMARINE  
PARADISO GRANDE

2913

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET

11B.0

OF SHEETS

TRUSS LAYOUT

PARADISO GRANDE

PARK SQUARE HOMES

A DIVISION OF PARK SQUARE ENTERPRISES, INC.

5200 Vineland Road, Suite 200  
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Phone: (407) 529-3000

ITEG

ROBINSON ENGINEERING GROUP, INC.  
10000 South Orange Avenue, Suite 100  
Orlando, FL 32837  
Tel: (407) 734-1400  
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www.iteg.com

REVISIONS BY

### ATTIC VENTILATION CALCULATIONS

PER FBC2023 8TH EDITION R306: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

THE MINIMUM NET VENTILATION AREA SHALL BE 1/50 OF VENTED SPACE:

TOTAL VENTED SPACE:  $\frac{3,644 \text{ SF.}}{300} = 12.15 \text{ SF.}$  NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL: ----- **595 SF.**  
 PROVIDED W/OFF RIDGE VENTS: **7** VENTS @ **.85 SF./VENT.**  
 (VENT TYPE: O'HAGIN MODEL 'S')

LOWER PORTION VENTILATION TOTAL: ----- **26.0 SF.**  
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:  
 (**300 L.F.** @ **0.087 SF** VENTING PER L.F.)

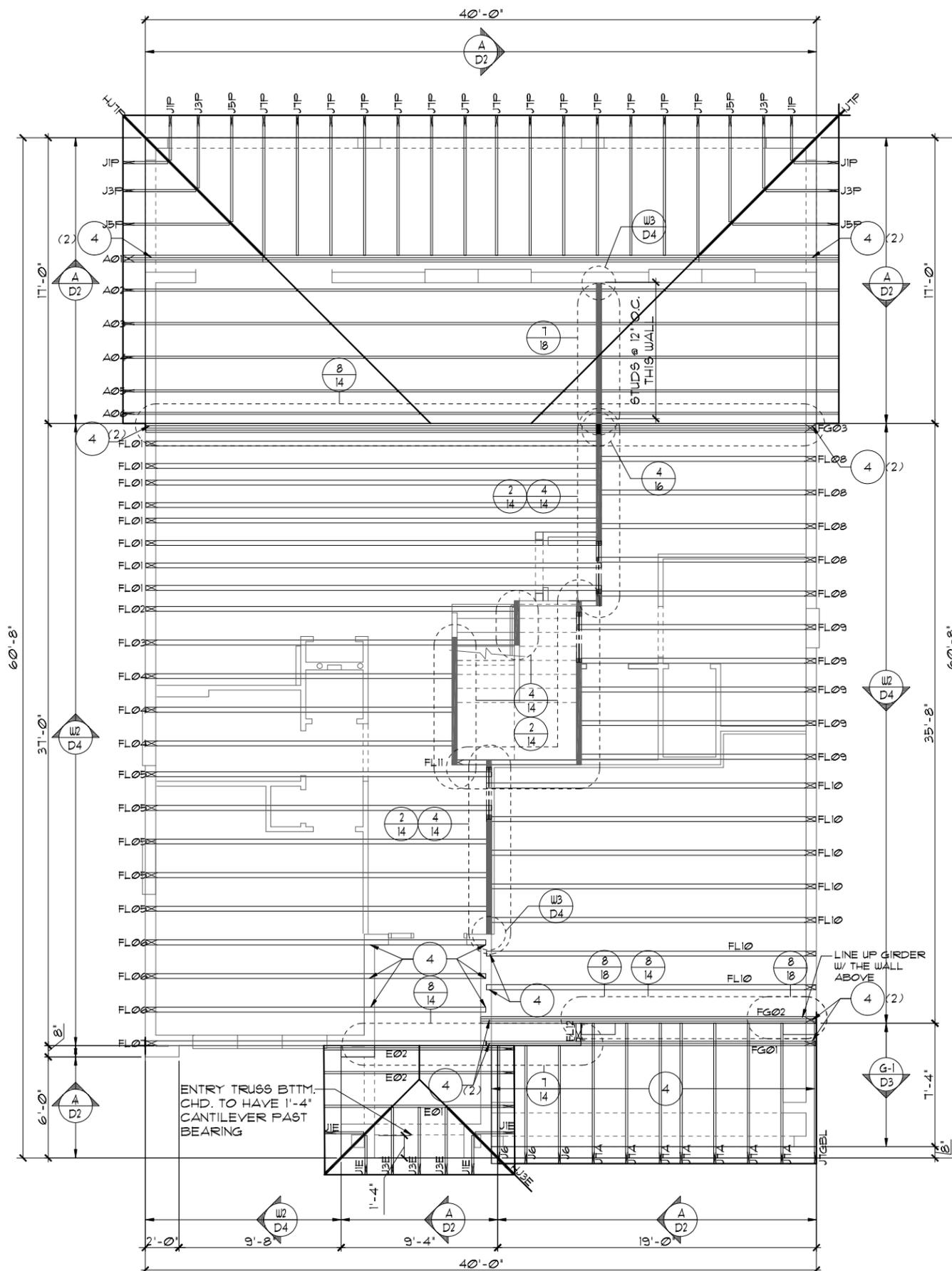
UPPER PORTION PERCENTAGE: **49%**  
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### NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
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3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCS1 I.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.3.3. Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6751 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :
  - O'HAGIN - 1' X 19" HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R305.3.5

### TRUSS LAYOUT "B"

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

LOT: 0000, PARADISO GRANDE

AQUAMARINE PARADISO GRANDE

TRUSS LAYOUT

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET 11B.0

OF SHEETS

2913

11B.0

OF SHEETS

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

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### ATTIC VENTILATION CALCULATIONS

PER FBC2020 11TH EDITION R306: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

THE MINIMUM NET VENTILATION AREA SHALL BE 1/50 OF VENTED SPACE:

TOTAL VENTED SPACE:  $\frac{3,644\text{S.F.}}{300} = \frac{12,155\text{S.F.}}{\text{REQUIRED}}$

UPPER PORTION VENTILATION TOTAL: **595S.F.**  
 PROVIDED W/OFF RIDGE VENTS: **7 VENTS @ .85S.F. /VENT.**  
 (TILE: O'HAGIN MODEL "S", SHINGLE: LOMANCO T10-D - OR MILLENNIUM METAL)  
 LOWER PORTION VENTILATION TOTAL: **26.0S.F.**  
 PROVIDED W/SOFFITS @ EAVE: **300L.F. @ 0.087S.F. VENTING/L.F.**

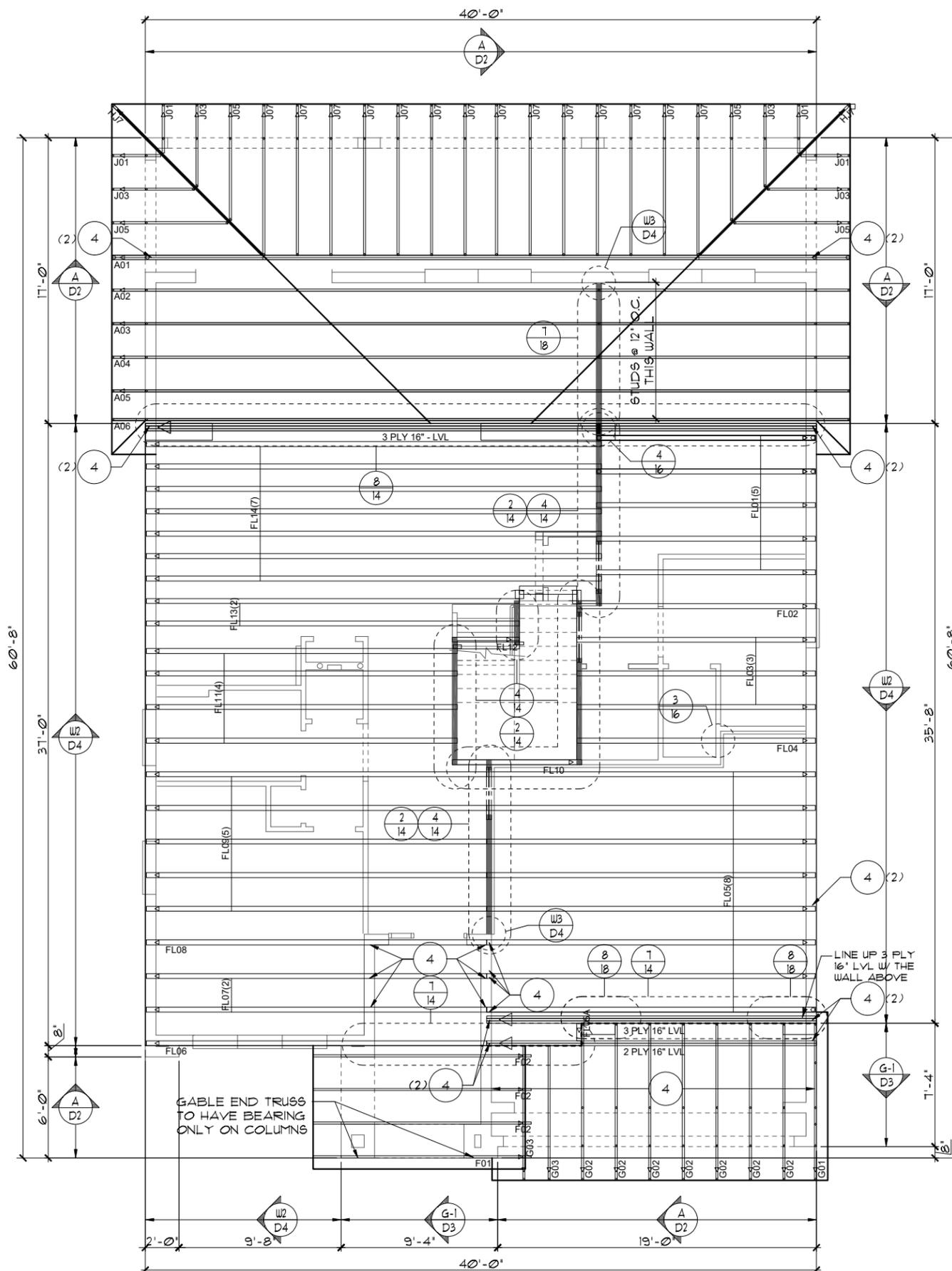
UPPER PORTION PERCENTAGE: **49%**  
 LOWER PORTION PERCENTAGE: **51%**

### NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 11TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCS1.1.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 11TH EDITION R305.3.3.  
 Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :  
 • O'HAGIN - 1' X 19" HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 11TH EDITION ASTM C1492-R305.3.5

### TRUSS LAYOUT "C"

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

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<b>Park Square HOMES</b>	
TRUSS LAYOUT	
AQUAMARINE PARADISO GRANDE	
2913	
DATE	04-09-21
SCALE	AS NOTED
DRAWN	RDC
JOB	2913
SHEET	
11C.0 OF SHEETS	

### ATTIC VENTILATION CALCULATIONS

PER FBC2023 8TH EDITION R306: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

THE MINIMUM NET VENTILATION AREA SHALL BE 1/150 OF VENTED SPACE:

TOTAL VENTED SPACE:  $\frac{3,644 \text{ SF.}}{300} = \underline{12.15 \text{ SF.}}$  NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL:----- **595 SF.**  
PROVIDED W/OFF RIDGE VENTS: **7 VENTS @ .85 SF./VENT.**  
(VENT TYPE: O'HAGIN MODEL 'S')

LOWER PORTION VENTILATION TOTAL:----- **26.0 SF.**  
PROVIDED W/ VENTILATED SOFFITS @ EAVE:  
(**300 L.F. @ 0.087 SF VENTING PER L.F.**)

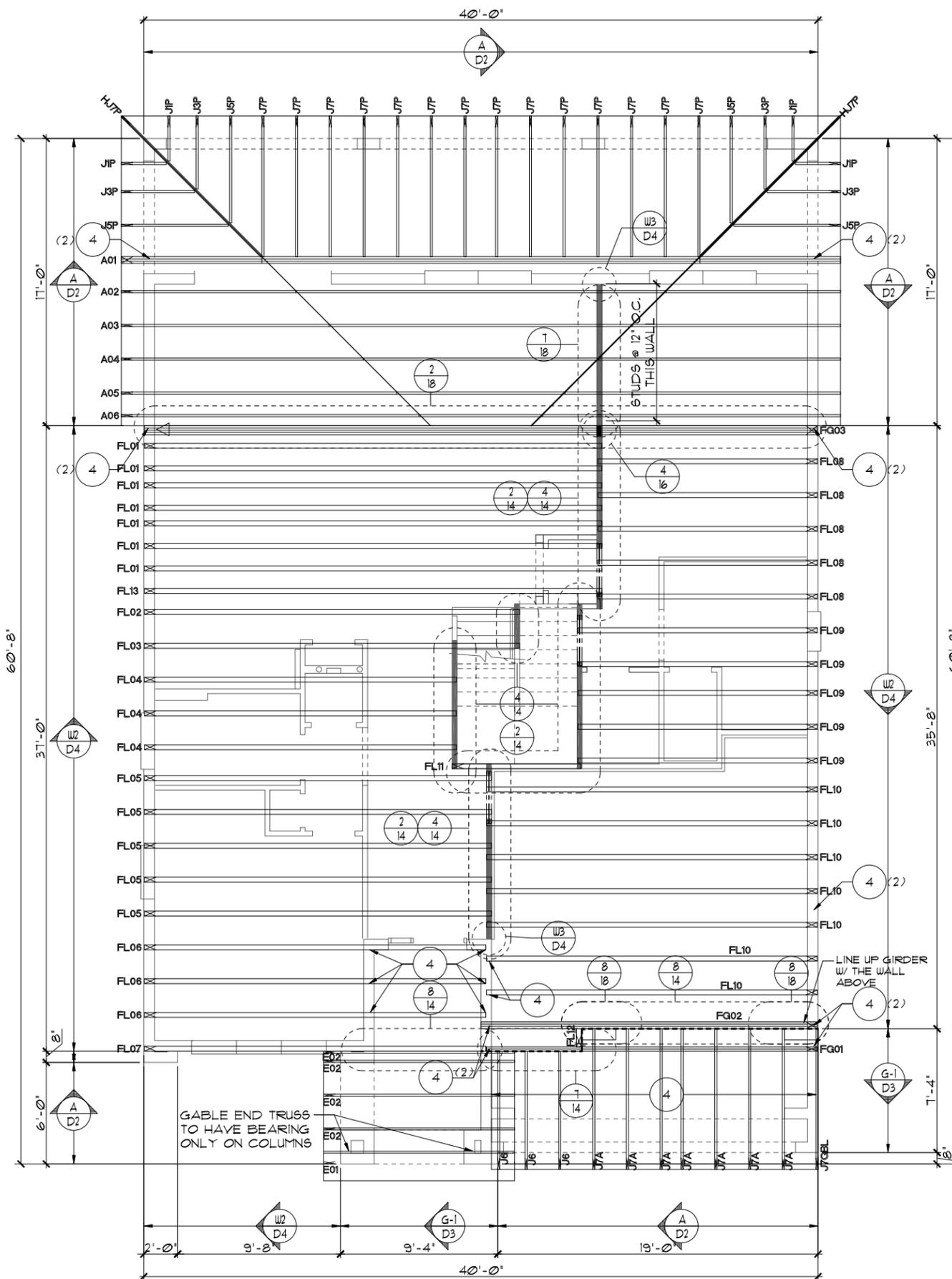
UPPER PORTION PERCENTAGE: **49%**  
LOWER PORTION PERCENTAGE: **51%**

### NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCB BC91.1.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES:
  - O'HAGIN - 7' X 19' HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R305.3.5

### TRUSS LAYOUT "C"

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



### ATTIC VENTILATION CALCULATIONS

PER FBC2023 8TH EDITION R306: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

THE MINIMUM NET VENTILATION AREA SHALL BE 1/150 OF VENTED SPACE:

TOTAL VENTED SPACE:  $\frac{3,644 \text{ SF.}}{300} = \underline{12.15 \text{ SF.}}$  NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL:----- **595 SF.**  
PROVIDED W/OFF RIDGE VENTS: **7 VENTS @ .85 SF./VENT.**  
(VENT TYPE: O'HAGIN MODEL 'S')

LOWER PORTION VENTILATION TOTAL:----- **26.0 SF.**  
PROVIDED W/ VENTILATED SOFFITS @ EAVE:  
(**300 L.F. @ 0.087 SF VENTING PER L.F.**)

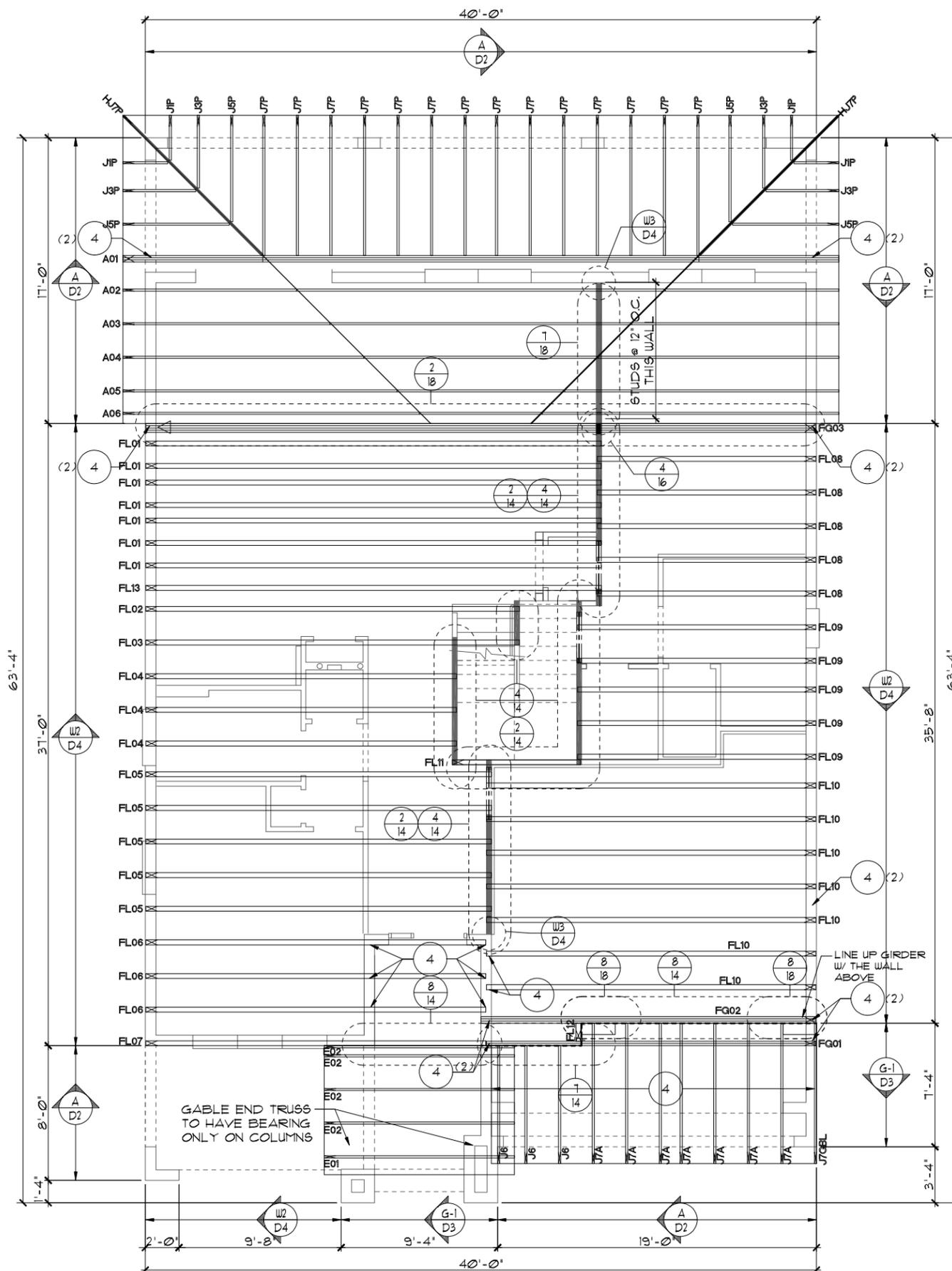
UPPER PORTION PERCENTAGE: **49%**  
LOWER PORTION PERCENTAGE: **51%**

### NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCB BCS1 I.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES:
  - O'HAGIN - 7' X 19' HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R305.3.5

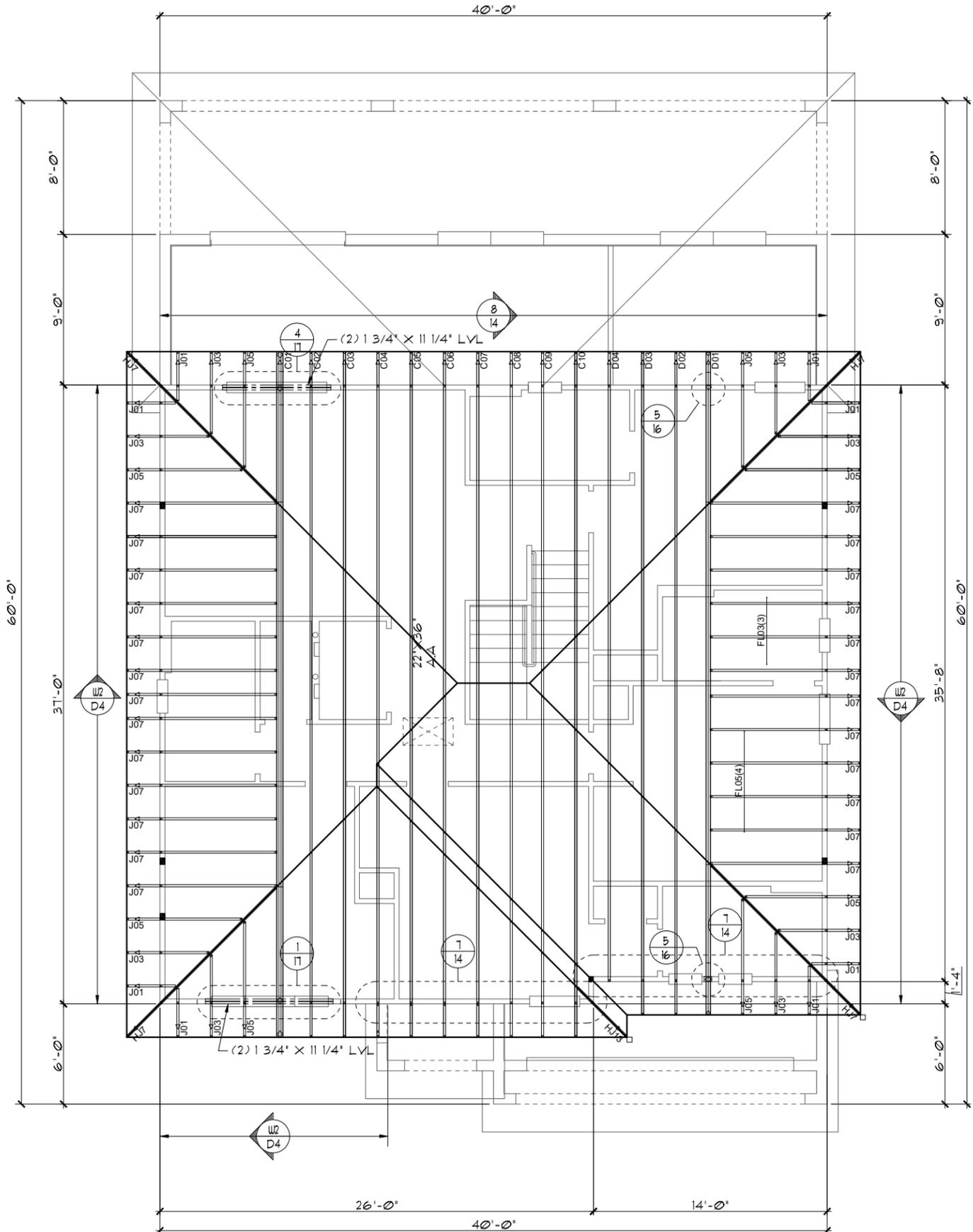
### TRUSS LAYOUT "D"

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



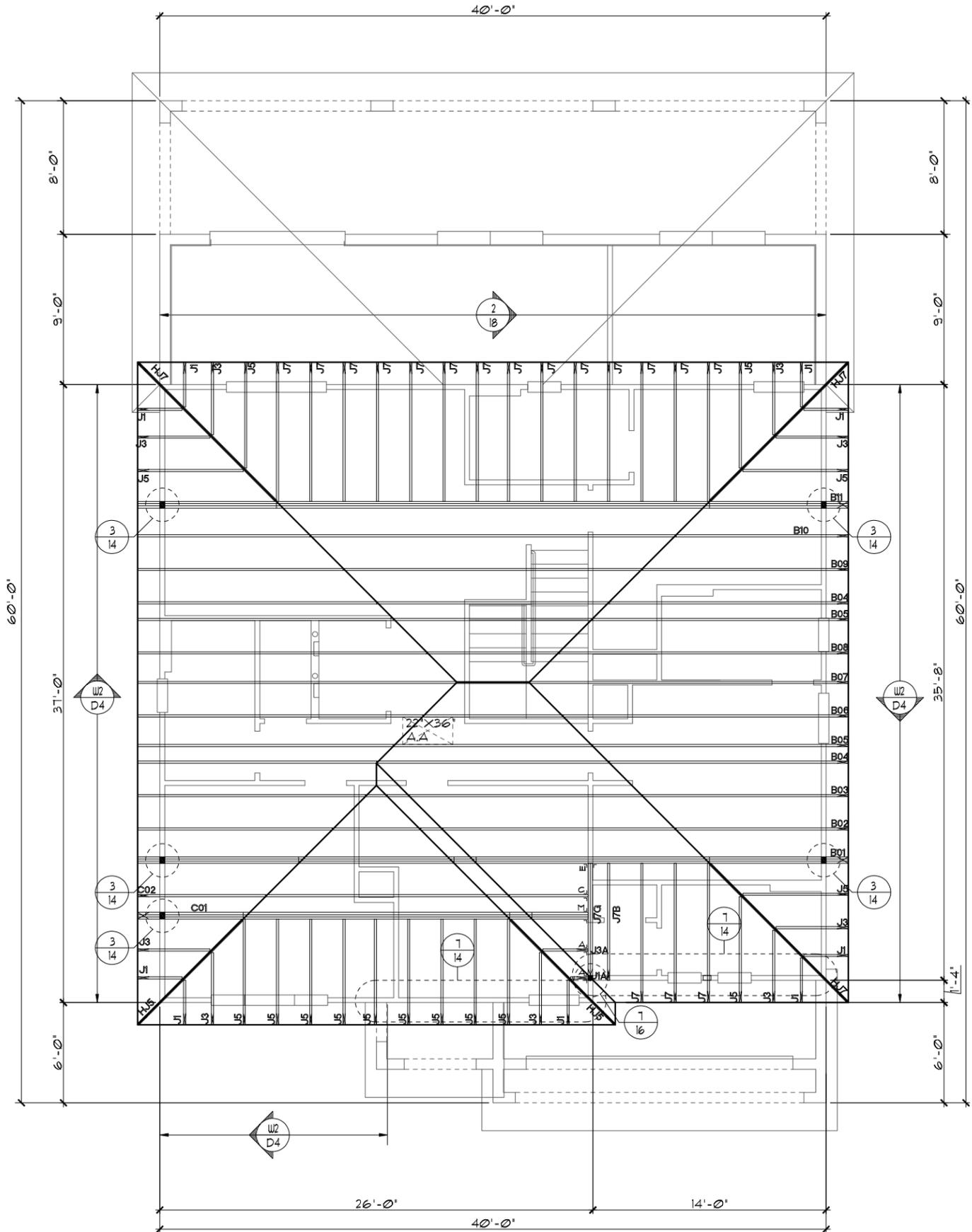
NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 11TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCS1 I.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 11TH EDITION R305.3.3.  
Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :  
• O-HAGIN - 1' X 19" HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 11TH EDITION ASTM C1492-R305.3.5



NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
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5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/UTCA BCS1 I.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.3.3.  
Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :  
• O-HAGIN - 1' X 19" HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R305.3.5



TRUSS LAYOUT "A"

1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

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<b>AQUAMARINE</b>	
<b>PARADISO GRANDE</b>	
<b>2913</b>	
DATE 04-09-21	
SCALE AS NOTED	
DRAWN RDC	
JOB 2913	
SHEET	
<b>12A.0</b>	
OF SHEETS	

**PARADISO GRANDE**

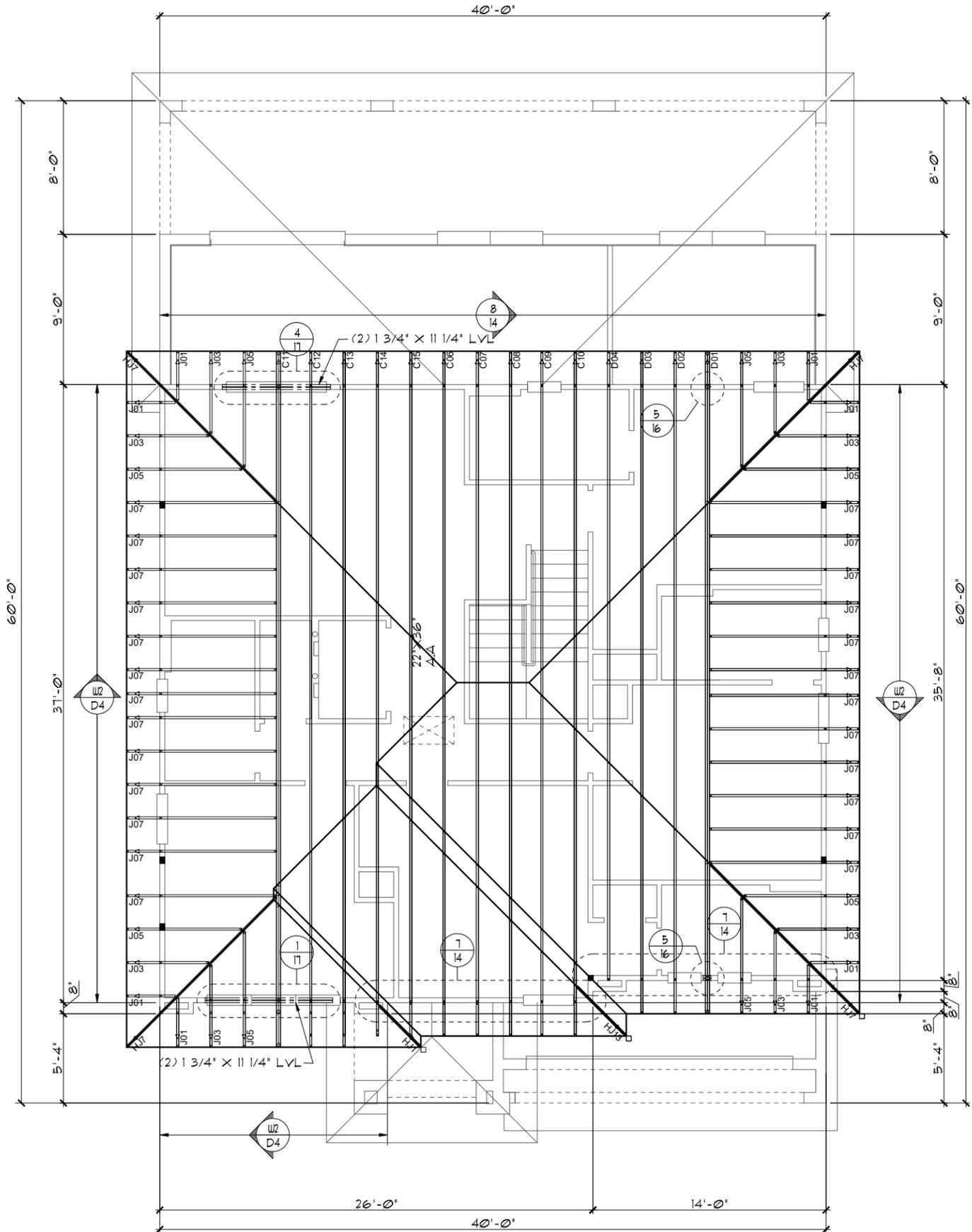
TRUSS LAYOUT

**NOTES**

1. TYPICAL ROOF GABLE OVERHANG TO BE **8"** UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE **20"** UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IAW THE 2020 11TH EDITION FBCR. PROVIDE ROOF VALLEY FLASHING IAW FBCR R903.2
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BC61.1.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 11TH EDITION R905.3  
OR  
SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 11TH EDITION R905.11

**TRUSS LAYOUT "B"**

1/2" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)



THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

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DATE	04-09-21
SCALE	AS NOTED
DRAWN	RDC
JOB	2913
SHEET	12B.0
OF SHEETS	1

**AQUAMARINE**  
**PARADISO GRANDE**

**TRUSS LAYOUT**

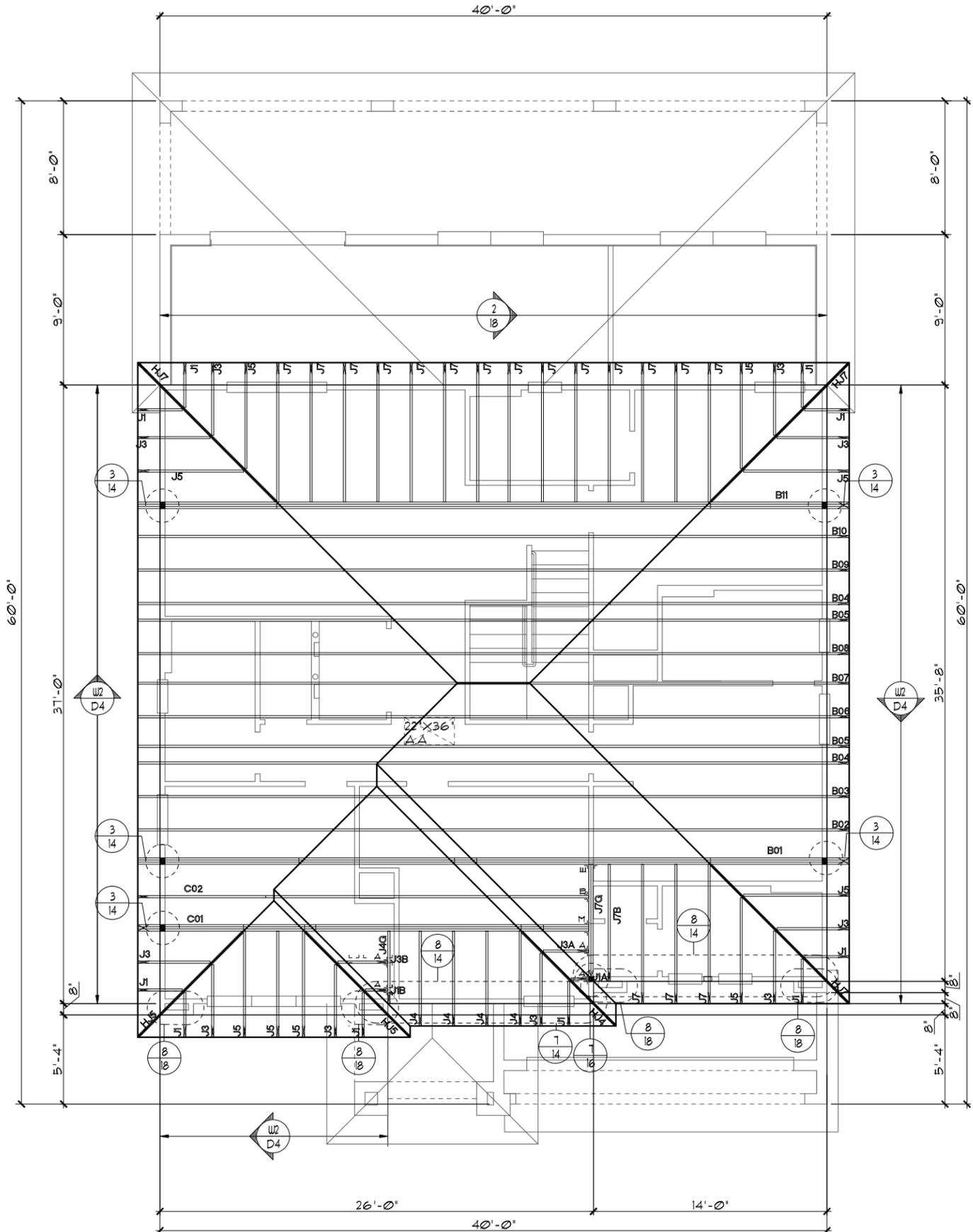
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 Phone: (407) 529 - 3000

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 Orlando, FL 32817  
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 Fax: (407) 734-1700  
 www.iteg.com

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NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/UTCA BC51 I.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.3.3.  
Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :  
• O-HAGIN - 1' X 19" HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R305.3.5



TRUSS LAYOUT "B"

1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)

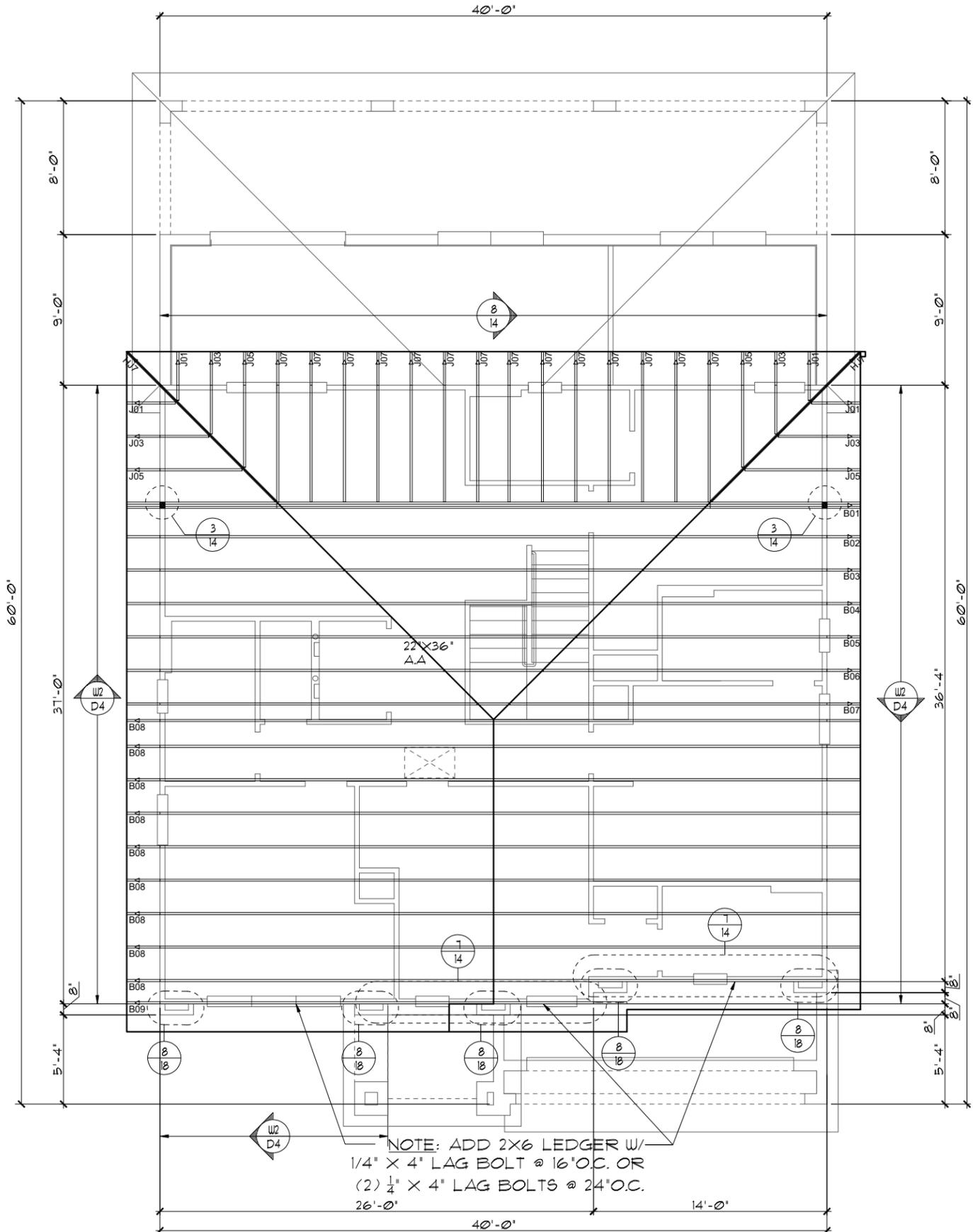
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AQUAMARINE		TRUSS LAYOUT
PARADISO GRANDE		
2913		
DATE	04-09-21	
SCALE	AS NOTED	
DRAWN	RDC	
JOB	2913	
SHEET		
12B.0		
OF	SHEETS	

NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 11TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
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6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 11TH EDITION R305.3.3. Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :
  - O-HAGIN - 1' X 19" HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 11TH EDITION ASTM C1492-R305.3.5



TRUSS LAYOUT "C"

1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

LOT: 0000, PARADISO GRANDE

AQUAMARINE

PARADISO GRANDE

2913

DATE 04-09-21  
SCALE AS NOTED  
DRAWN RDC  
JOB 2913  
SHEET 12C.0 OF 5 SHEETS

REVISIONS BY

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10000 W. BOULEVARD, SUITE 100  
ORLANDO, FLORIDA 32817  
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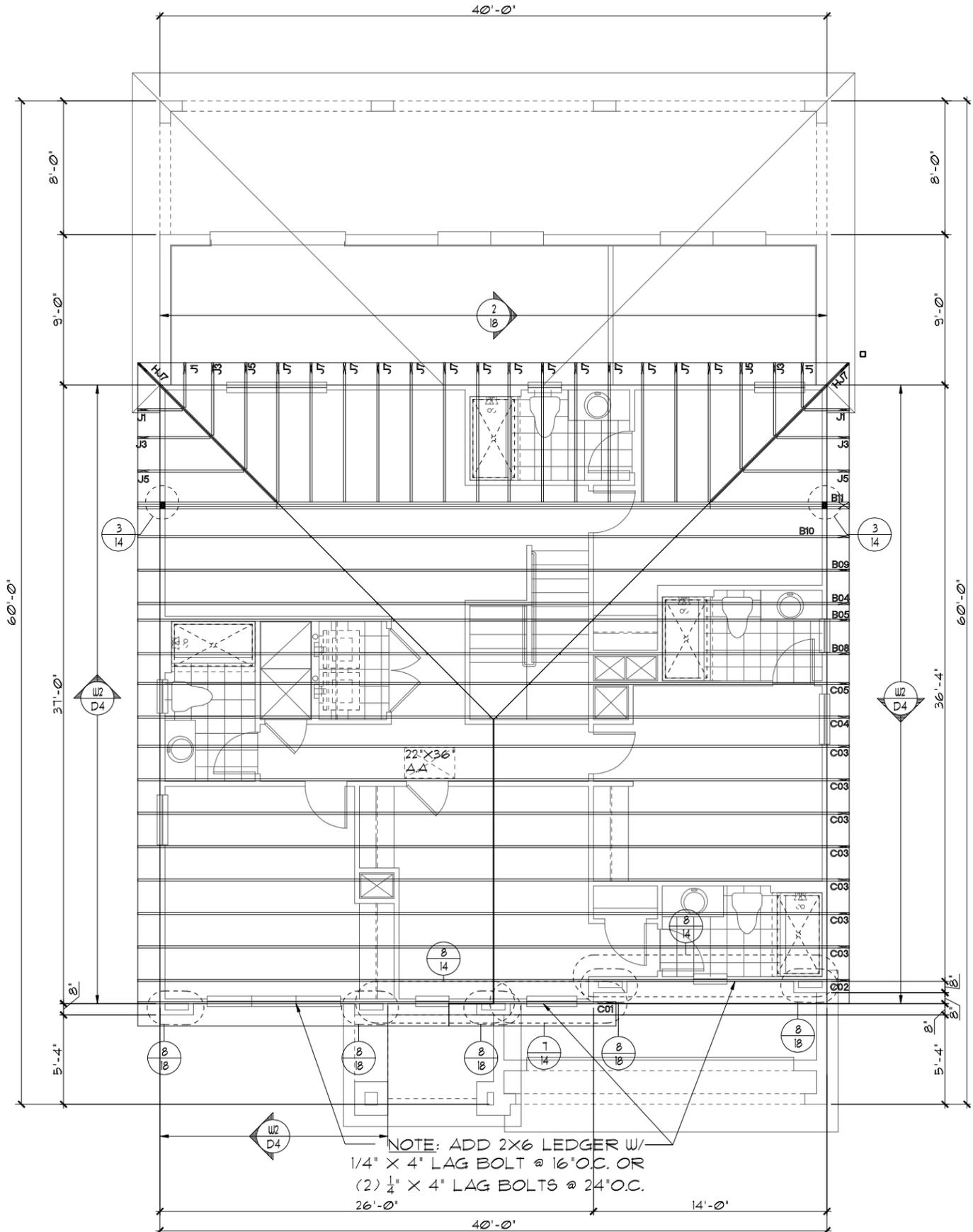
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5200 Vlneland Road, Suite 200  
Orlando, Florida, 32811  
Phone: (407) 529 - 3000

Park Square HOMES

TRUSS LAYOUT

NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
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6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.3.3.  
Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :  
• O-HAGIN - 1' X 19" HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R305.3.5



TRUSS LAYOUT "C"

1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)

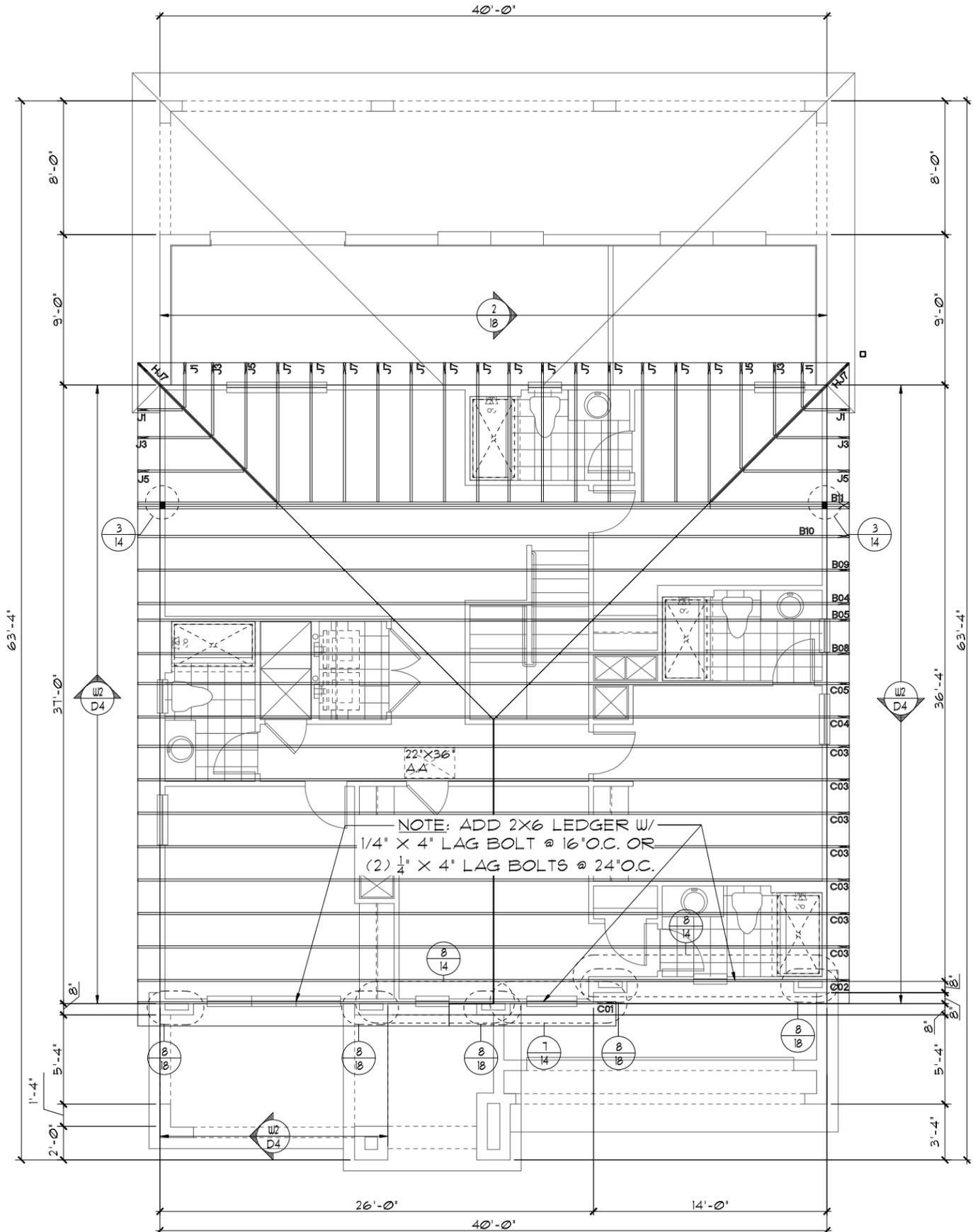
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A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida, 32811 Phone: (407) 529 - 3000		
		TRUSS LAYOUT
AQUAMARINE PARADISO GRANDE		2913
DATE	04-09-21	
SCALE	AS NOTED	
DRAWN	RD C	
JOB	2913	
SHEET		
OF	12	0 SHEETS

NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
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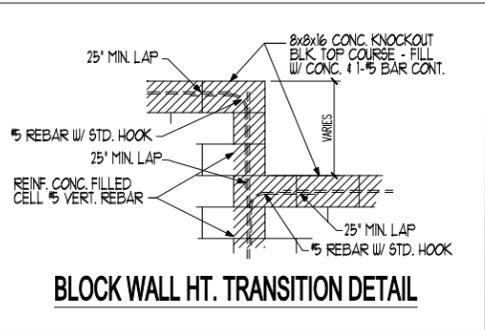
TRUSS LAYOUT "D"

1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)

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AQUAMARINE		TRUSS LAYOUT
PARADISO GRANDE		2913
DATE	04-09-21	
SCALE	AS NOTED	
DRAWN	RDC	
JOB	2913	
SHEET	12D.0	
OF	SHEETS	

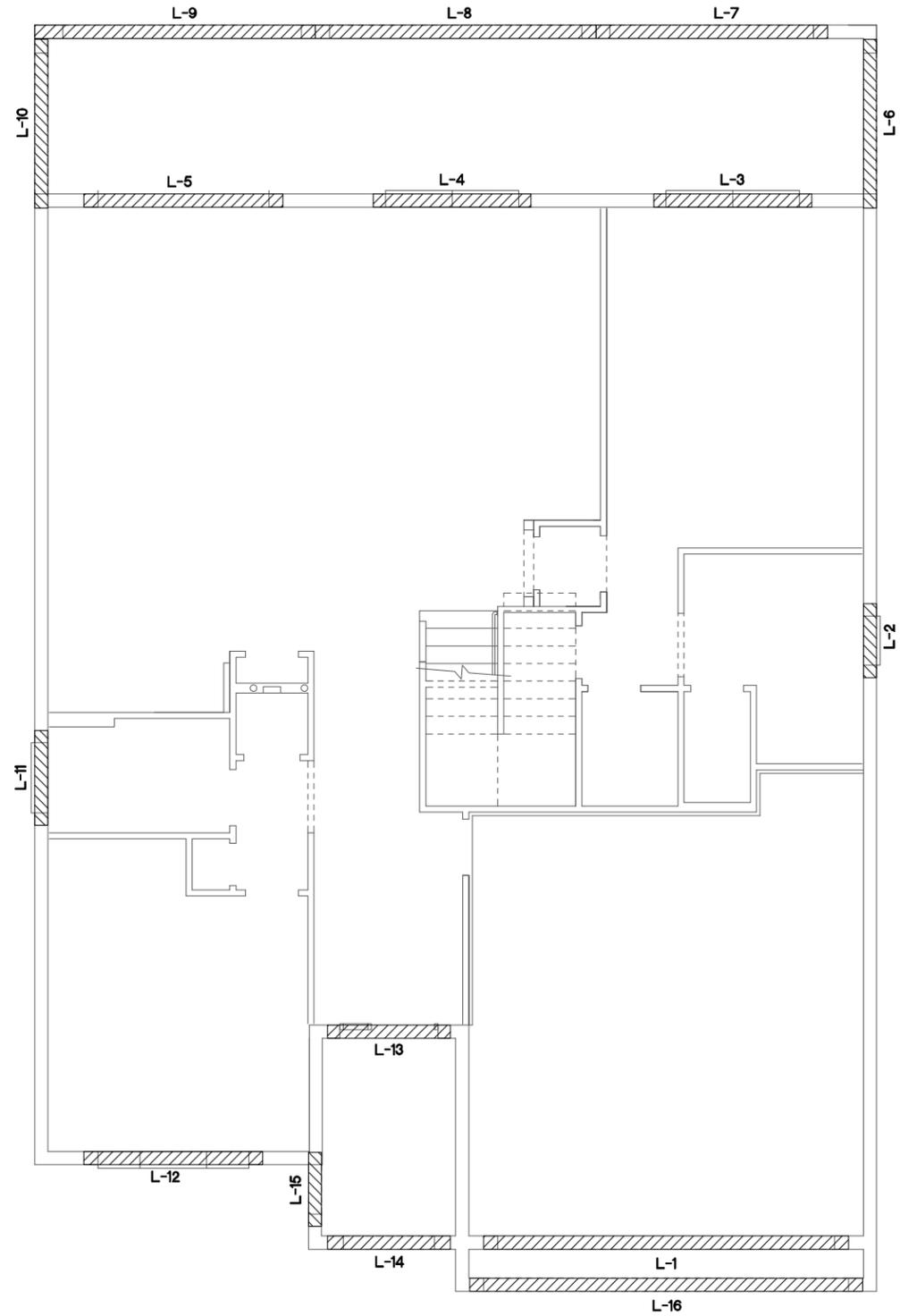


**BLOCK WALL HT. TRANSITION DETAIL**

CAST CRETE / LOTT'S / WEKIWA / FLORIDA ROCK  
LINTEL SCHEDULE

LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	11'-4"	8F30-1B/1T	GARAGE DOOR
L 2	3'-6"	8F24-0B/1T	SH1H5
L 3	1'-6"	8F24-0B/1T	FR SH25
L 4	1'-6"	8F24-0B/1T	FR SH25
L 5	9'-4"	8F24-0B/1T	8/0X8/0 S.G.D.
L 6	8'-0"	8F16-1B/1T	LANA1
L 7	11'-0"	8F16-1B/1T	LANA1
L 8	13'-4"	8F16-1B/1T	LANA1
L 9	13'-4"	8F16-1B/1T	LANA1
L 10	8'-0"	8F16-1B/1T	LANA1
L 11	4'-6"	8F24-0B/1T	3/4X1/4 F.G.
L 12	8'-8"	8F24-0B/1T	SH25, (2) 2/0X5/0 CLR. F.G.
L 13	5'-10"	8FF20-0B/1T	FRONT DOOR
L 14	5'-10"	8F8-0B/1T	FRONT ENTRY
L 15	3'-6"	8F8-0B/1T	FRONT ENTRY
L 16	19'-4"	8F24-0B/1T	GARAGE ENTRY
L 17			
L 18			
L 19			
L 20			
L 21			
L 22			
L 23			
L 24			
L 25			
L 26			
L 27			

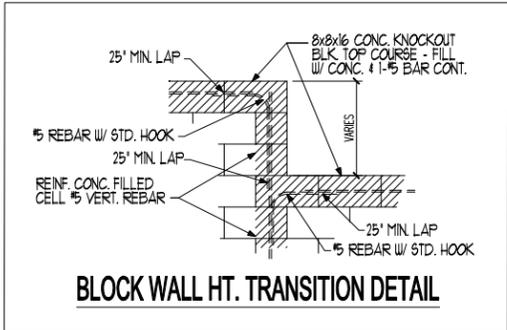
**PRE CAST LINTEL LAYOUT "A"**  
1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)



THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2003 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

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<b>PRE CAST LINTEL LAYOUT</b>		<b>2913</b>	
<b>AQUAMARINE</b> <b>PARADISO GRANDE</b>		DATE	04-09-21
		SCALE	AS NOTED
		DRAWN	RDC
		JOB	2913
		SHEET	13A.0
		OF	SHEETS

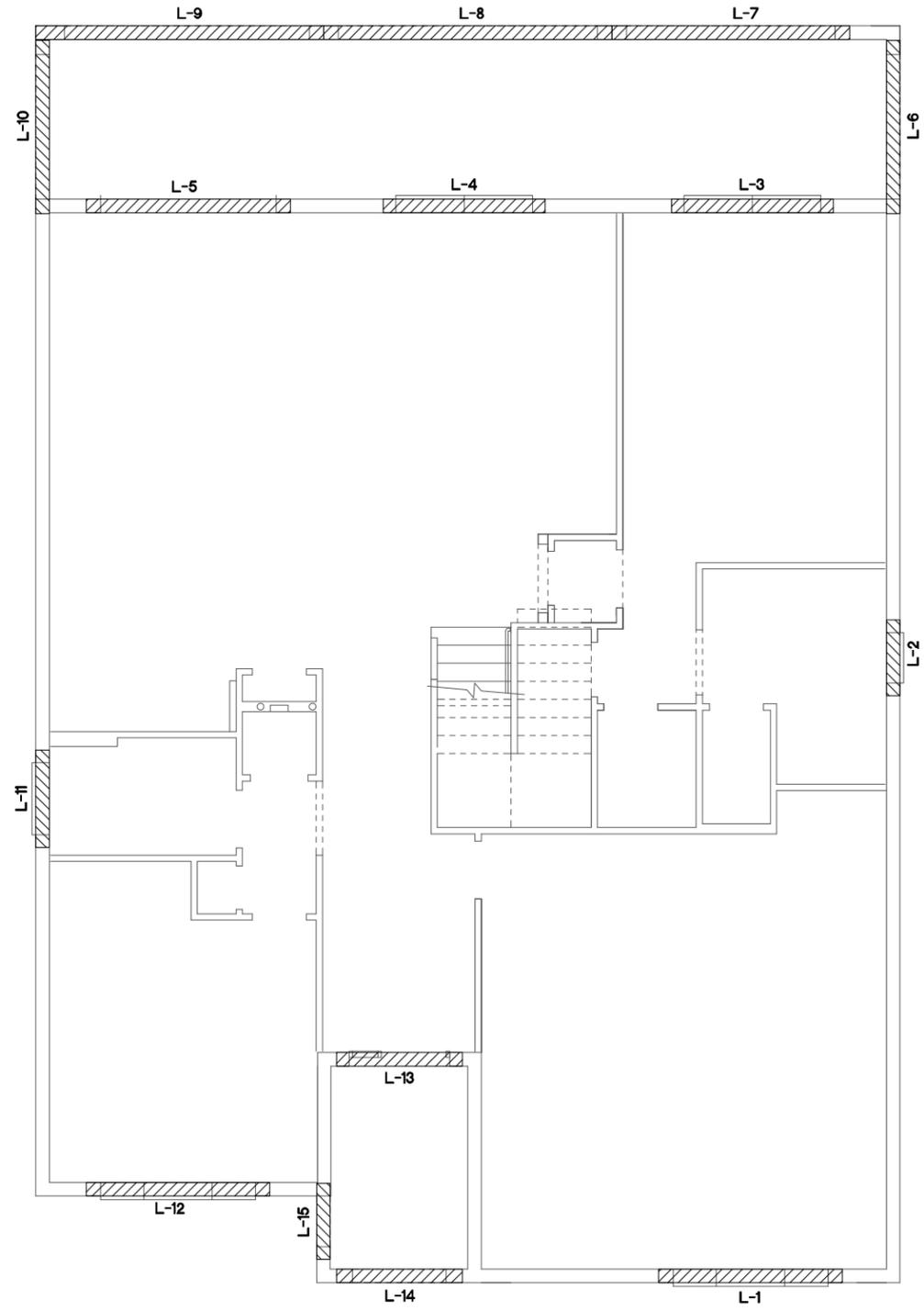


**BLOCK WALL HT. TRANSITION DETAIL**

CAST CRETE / LOTT'S / WEKIWA / FLORIDA ROCK  
LINTEL SCHEDULE

LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	8'-8"	8F24-0B/1T	SH25, (2) 2/0X5/0 CLR. F.G.
L 2	3'-6"	8F24-0B/1T	SH1H5
L 3	7'-6"	8F24-0B/1T	FR SH25
L 4	7'-6"	8F24-0B/1T	FR SH25
L 5	9'-4"	8F24-0B/1T	8/0X8/0 S.G.D.
L 6	8'-0"	8F16-1B/1T	LANA1
L 7	11'-0"	8F16-1B/1T	LANA1
L 8	13'-4"	8F16-1B/1T	LANA1
L 9	13'-4"	8F16-1B/1T	LANA1
L 10	8'-0"	8F16-1B/1T	LANA1
L 11	4'-6"	8F24-0B/1T	3/4X1/4 F.G.
L 12	8'-8"	8F24-0B/1T	SH25, (2) 2/0X5/0 CLR. F.G.
L 13	5'-10"	8FF20-0B/1T	FRONT DOOR
L 14	5'-10"	8F8-0B/1T	FRONT ENTRY
L 15	3'-6"	8F8-0B/1T	FRONT ENTRY
L 16			
L 17			
L 18			
L 19			
L 20			
L 21			
L 22			
L 23			
L 24			
L 25			
L 26			
L 27			

**PRE CAST LINTEL LAYOUT "A"**  
1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)



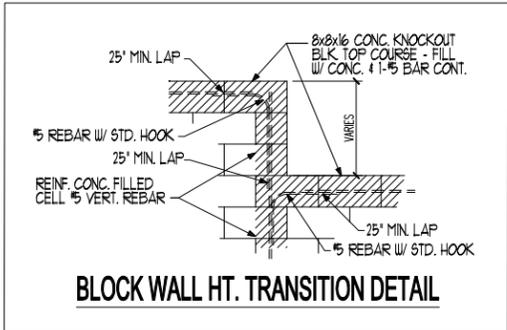
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DATE 04-09-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 2913  
 SHEET  
**13A.1**  
 OF SHEETS

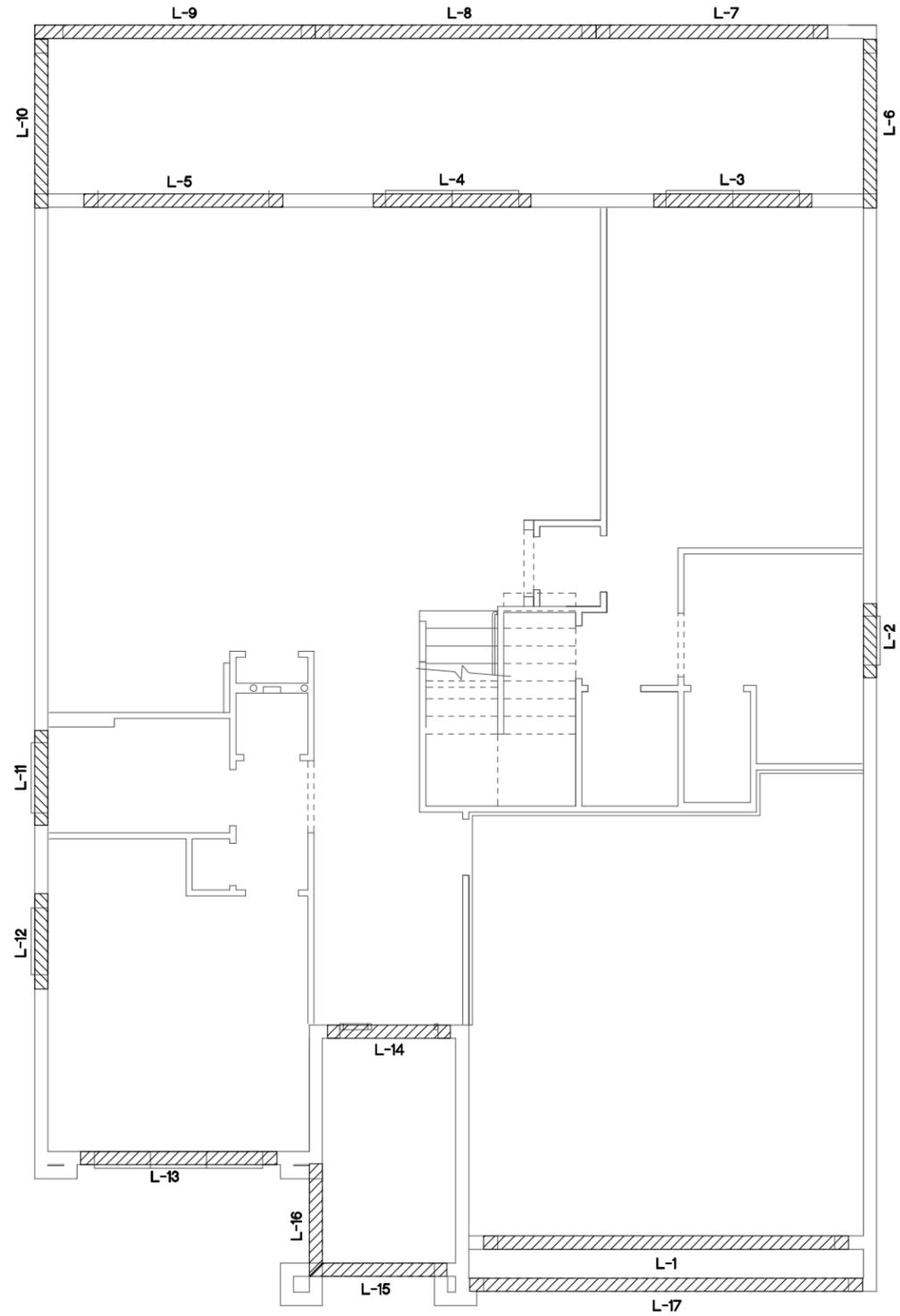


**BLOCK WALL HT. TRANSITION DETAIL**

CAST CRETE / LOTT'S / WEKIWA / FLORIDA ROCK  
LINTEL SCHEDULE

LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	11'-4"	8F30-1B/1T	GARAGE DOOR
L 2	3'-6"	8F24-0B/1T	SH1H5
L 3	7'-6"	8F24-0B/1T	FR SH25
L 4	7'-6"	8F24-0B/1T	FR SH25
L 5	9'-4"	8F24-0B/1T	8/0X8/0 S.G.D.
L 6	8'-0"	8F16-1B/1T	LANA1
L 7	11'-0"	8F16-1B/1T	LANA1
L 8	13'-4"	8F16-1B/1T	LANA1
L 9	13'-4"	8F16-1B/1T	LANA1
L 10	8'-0"	8F16-1B/1T	LANA1
L 11	4'-6"	8F24-0B/1T	3/4X1/4 F.G.
L 12	4'-6"	8F24-0B/1T	SH25
L 13	9'-4"	8F24-0B/1T	(3) 2/8X5/0 CLR. F.G.
L 14	5'-10"	8RF20-0B/1T	FRONT DOOR
L 15	6'-6"	8F8-0B/1T	FRONT ENTRY
L 16	5'-4"	8F8-0B/1T	FRONT ENTRY
L 17	19'-4"	8F24-0B/1T	GARAGE ENTRY
L 18			
L 19			
L 20			
L 21			
L 22			
L 23			
L 24			
L 25			
L 26			
L 27			

**PRE CAST LINTEL LAYOUT "B"**  
1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)



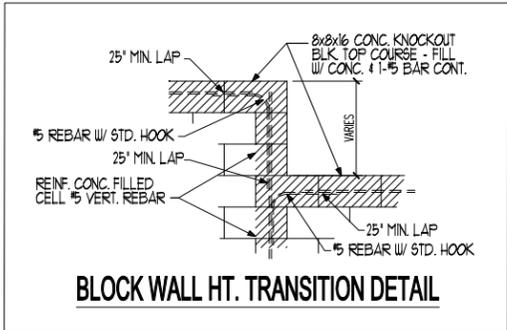
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<b>PRE CAST LINTEL LAYOUT</b>	
<b>AQUAMARINE</b>	<b>PARADISO GRANDE</b>
<b>2913</b>	DATE 04-09-21 SCALE AS NOTED DRAWN RDC JOB 2913 SHEET <b>13B.0</b> OF SHEETS



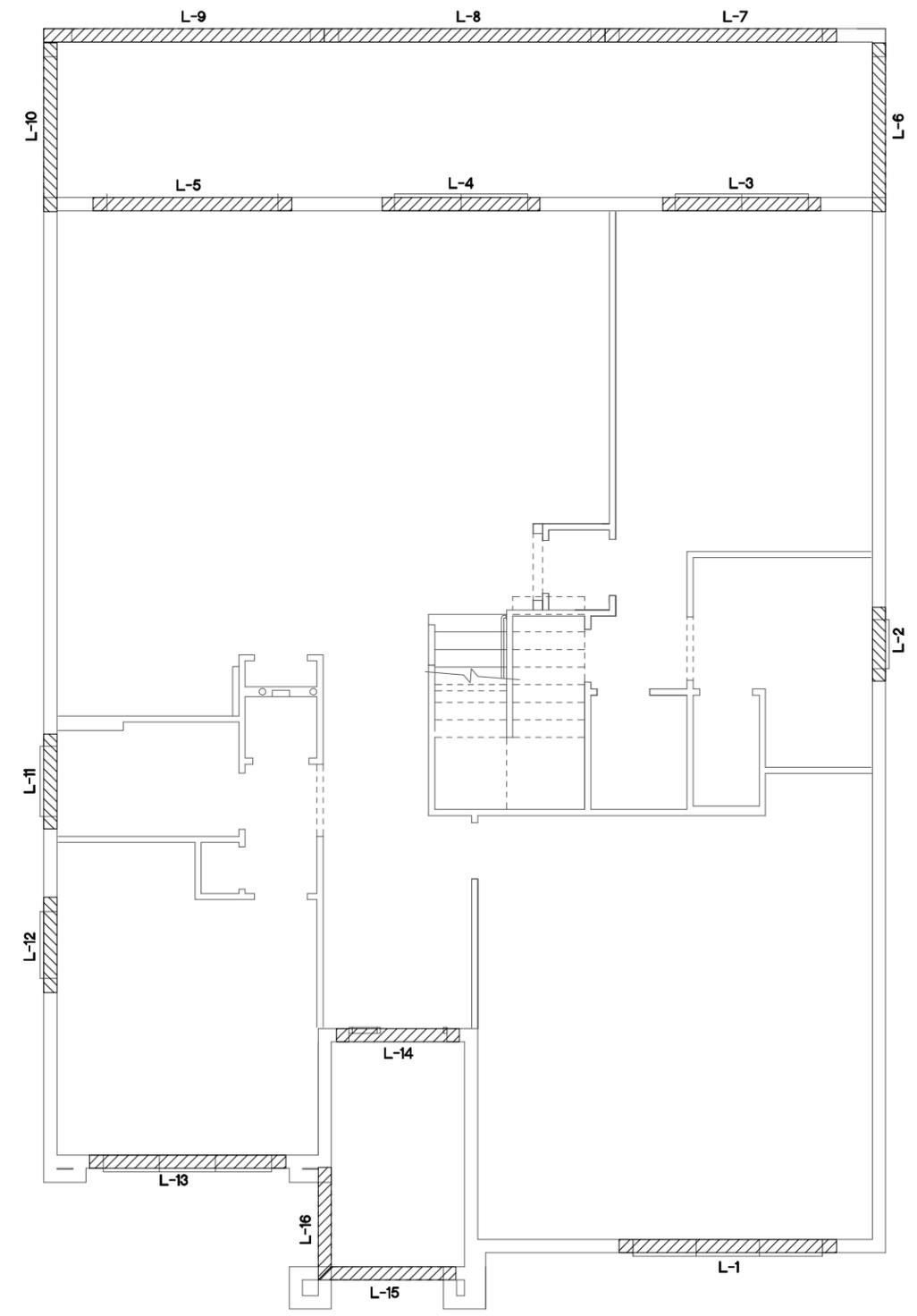
**BLOCK WALL HT. TRANSITION DETAIL**

CAST CRETE / LOTT'S / WEKIWA / FLORIDA ROCK  
LINTEL SCHEDULE

LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	10'-4"	8F24-0B/1T	(3) 2/8X5/0 CLR. F.G.
L 2	3'-6"	8F24-0B/1T	SHIH5
L 3	7'-6"	8F24-0B/1T	FR SH25
L 4	7'-6"	8F24-0B/1T	FR SH25
L 5	9'-4"	8F24-0B/1T	8/0X8/0 S.G.D.
L 6	8'-0"	8F16-1B/1T	LANA1
L 7	11'-0"	8F16-1B/1T	LANA1
L 8	13'-4"	8F16-1B/1T	LANA1
L 9	13'-4"	8F16-1B/1T	LANA1
L 10	8'-0"	8F16-1B/1T	LANA1
L 11	4'-6"	8F24-0B/1T	3/4X1/4 F.G.
L 12	4'-6"	8F24-0B/1T	SH25
L 13	9'-4"	8F24-0B/1T	(3) 2/8X5/0 CLR. F.G.
L 14	5'-10"	8RF20-0B/1T	FRONT DOOR
L 15	6'-6"	8F8-0B/1T	FRONT ENTRY
L 16	5'-4"	8F8-0B/1T	FRONT ENTRY
L 17			
L 18			
L 19			
L 20			
L 21			
L 22			
L 23			
L 24			
L 25			
L 26			
L 27			

**PRE CAST LINTEL LAYOUT "B"**

1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)



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DATE	04-09-21
SCALE	AS NOTED
DRAWN	RDC
JOB	2913
SHEET	13B.1
OF SHEETS	1

**2913**

AQUAMARINE  
PARADISO GRANDE

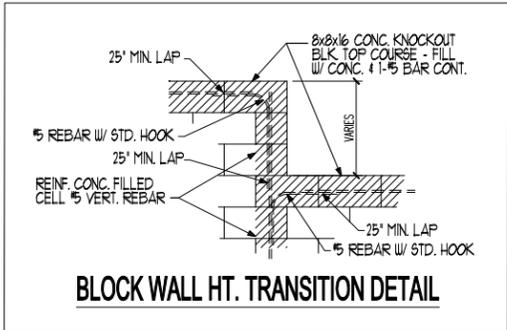
PRE CAST LINTEL LAYOUT

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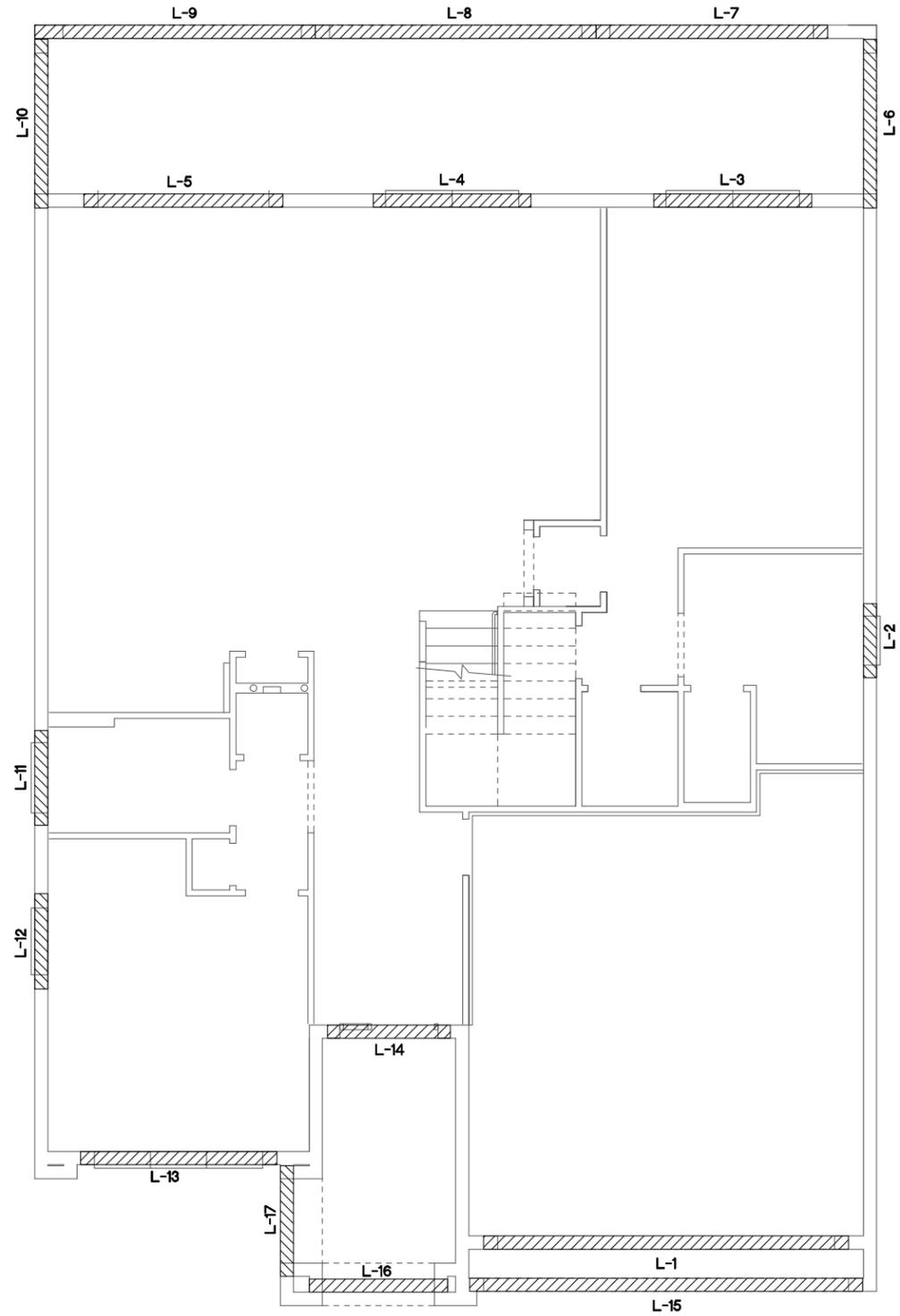
REVISIONS	BY



**BLOCK WALL HT. TRANSITION DETAIL**

CAST CRETE / LOTT'S / WEKIWA / FLORIDA ROCK			
LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	11'-4"	8F30-1B/1T	GARAGE DOOR
L 2	3'-6"	8F24-0B/1T	SH1H5
L 3	1'-6"	8F24-0B/1T	FR SH25
L 4	1'-6"	8F24-0B/1T	FR SH25
L 5	9'-4"	8F24-0B/1T	8/0X8/0 S.G.D.
L 6	8'-0"	8F16-1B/1T	LANA1
L 7	11'-0"	8F16-1B/1T	LANA1
L 8	13'-4"	8F16-1B/1T	LANA1
L 9	13'-4"	8F16-1B/1T	LANA1
L 10	8'-0"	8F16-1B/1T	LANA1
L 11	4'-6"	8F24-0B/1T	3/4X1/4 F.G.
L 12	4'-6"	8F24-0B/1T	SH25
L 13	9'-4"	8F24-0B/1T	(3) 2/8X5/0 CLR. F.G.
L 14	5'-10"	8RF20-0B/1T	FRONT DOOR
L 15	19'-4"	8F24-0B/1T	GARAGE ENTRY
L 16	6'-6"	8F8-0B/1T	FRONT ENTRY
L 17	5'-4"	8F8-0B/1T	FRONT ENTRY
L 18			
L 19			
L 20			
L 21			
L 22			
L 23			
L 24			
L 25			
L 26			
L 27			

**PRE CAST LINTEL LAYOUT "C"**  
 1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)



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DATE	04-09-21
SCALE	AS NOTED
DRAWN	RDC
JOB	2913
SHEET	13C.0
OF SHEETS	0

**2913**

**AQUAMARINE**

**PRE CAST LINTEL LAYOUT**

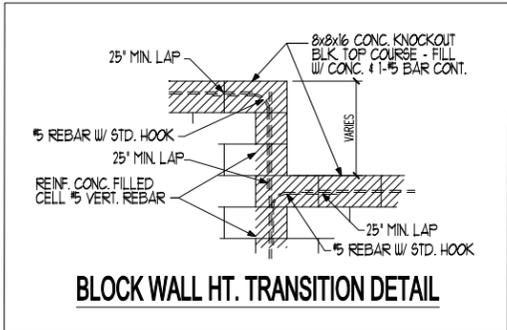
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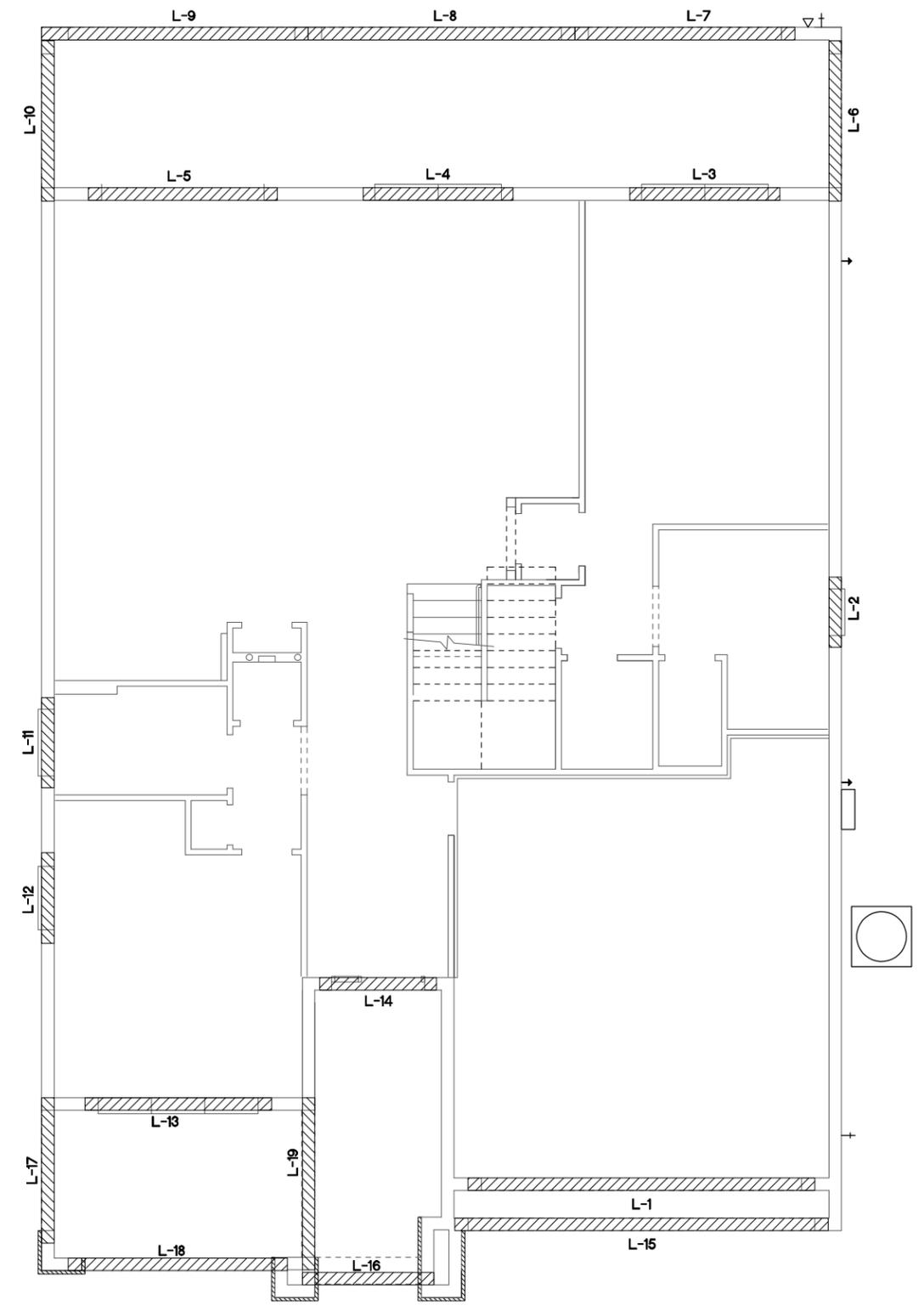
**BLOCK WALL HT. TRANSITION DETAIL**

CAST CRETE / LOTT'S  
/ WEKIWA / FLORIDA ROCK  
LINTEL SCHEDULE

LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	11'-4"	8F30-1B/1T	GARAGE DOOR
L 2	3'-6"	8F24-0B/1T	SH1H5
L 3	7'-6"	8F24-0B/1T	FR SH25
L 4	7'-6"	8F24-0B/1T	FR SH25
L 5	9'-4"	8F24-0B/1T	8/0x8/0 S.G.D.
L 6	8'-0"	8F16-1B/1T	LANA1
L 7	11'-0"	8F16-1B/1T	LANA1
L 8	13'-4"	8F16-1B/1T	LANA1
L 9	13'-4"	8F16-1B/1T	LANA1
L 10	8'-0"	8F16-1B/1T	LANA1
L 11	4'-6"	8F24-0B/1T	3/4X1/4 F.G.
L 12	4'-6"	8F24-0B/1T	SH25
L 13	9'-4"	8F24-0B/1T	(3) 2/8X5/0 CLR. F.G.
L 14	5'-10"	8RF20-0B/1T	FRONT DOOR
L 15	19'-4"	8F24-0B/1T	GARAGE ENTRY
L 16	6'-6"	8F8-0B/1T	FRONT ENTRY
L 17	7'-4"	8F16-0B/1T	FRONT ENTRY
L 18	11'-0"	8F16-0B/1T	FRONT ENTRY
L 19	8'-8"	8F8-0B/1T	FRONT ENTRY
L 20			
L 21			
L 22			
L 23			
L 24			
L 25			
L 26			
L 27			

**PRE CAST LINTEL LAYOUT "D"**

1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)



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**2913**

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET 13D.0

OF SHEETS

**AQUAMARINE**

**PRE CAST LINTEL LAYOUT**

**PARADISO GRANDE**

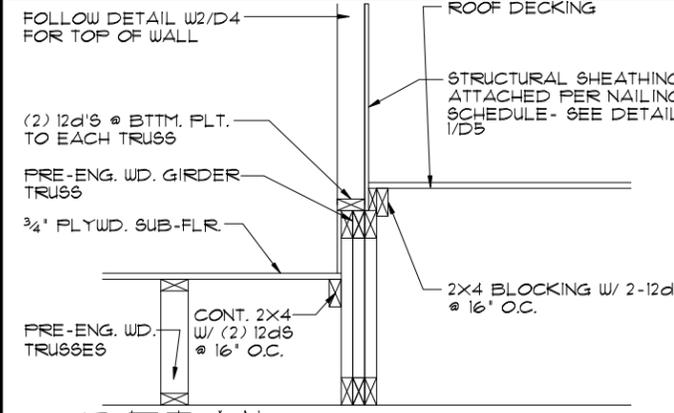
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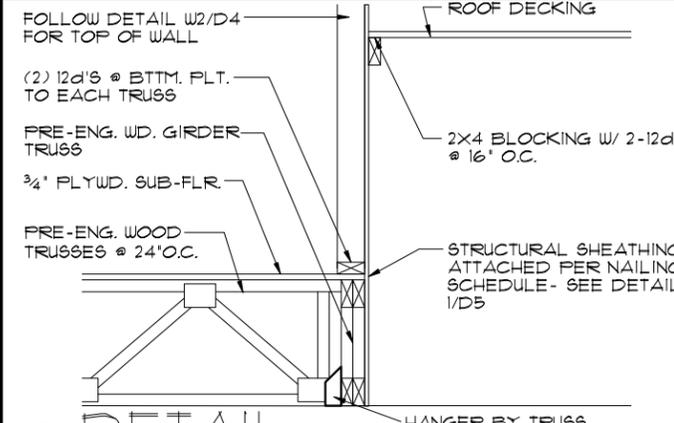
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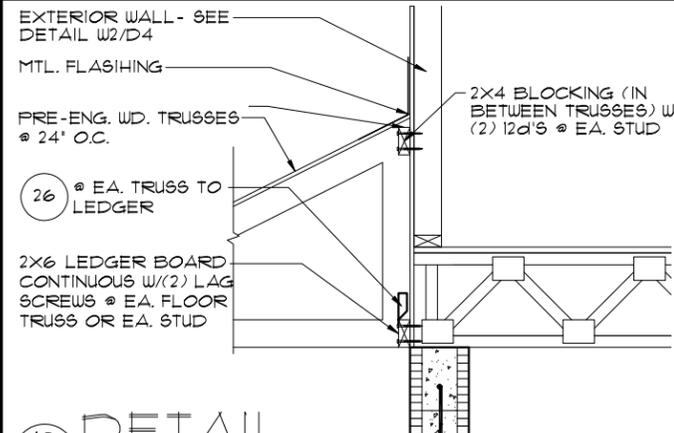
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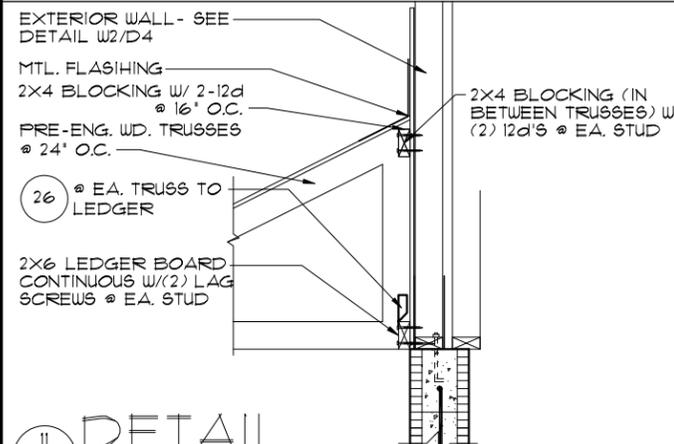
8 DETAIL  
14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



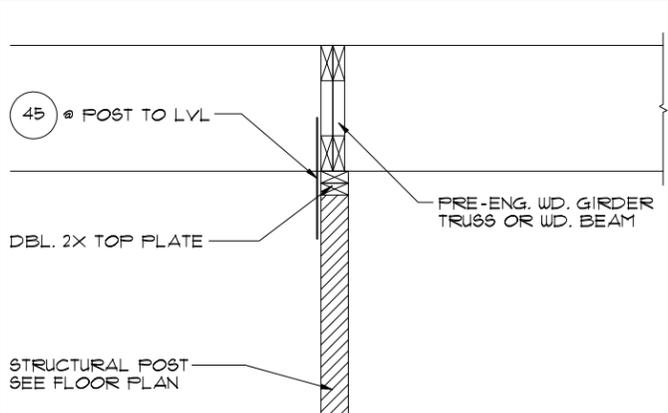
9 DETAIL  
14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



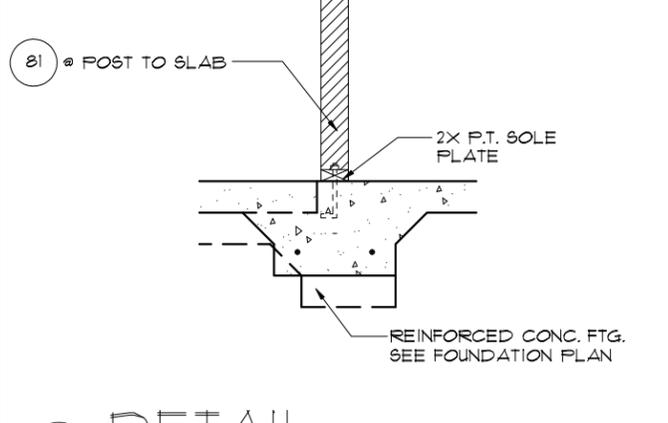
10 DETAIL  
14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



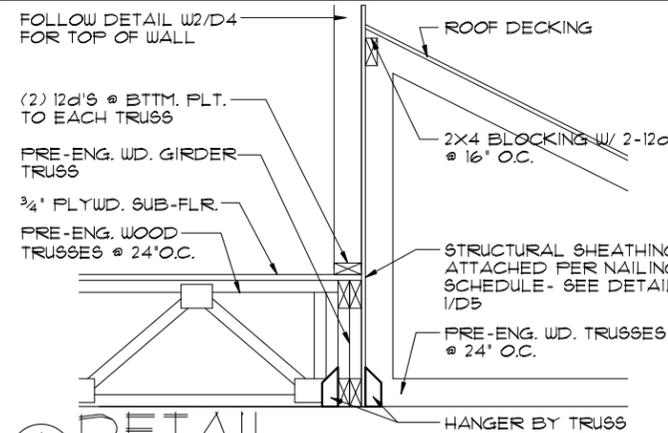
11 DETAIL  
14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



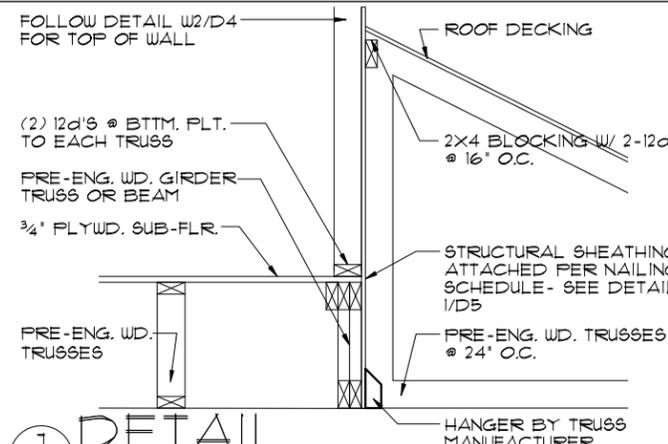
5 DETAIL  
14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



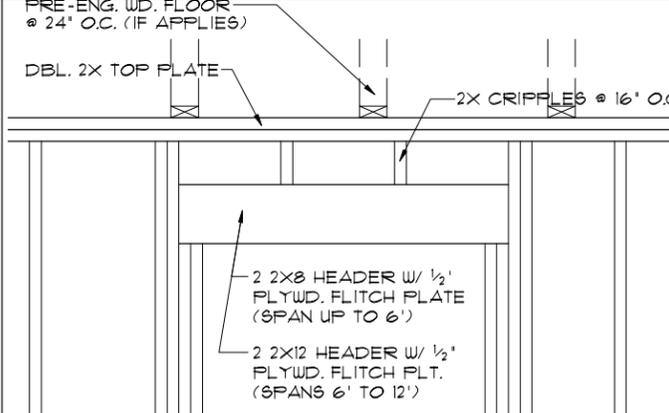
6 DETAIL  
14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



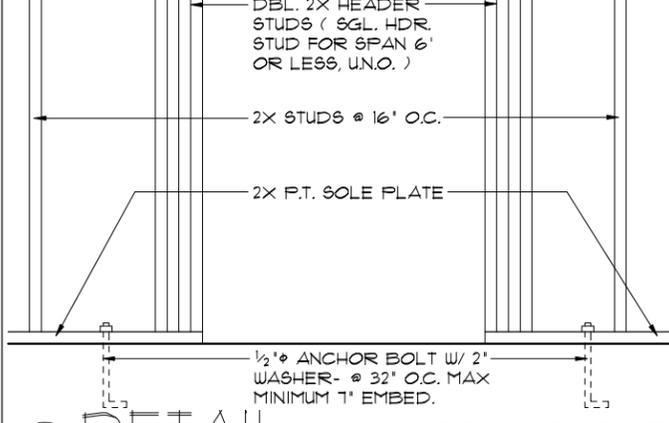
7 DETAIL  
14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



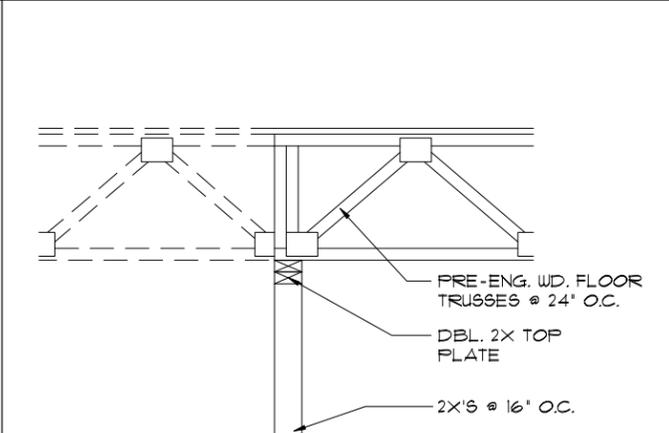
1 DETAIL  
14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



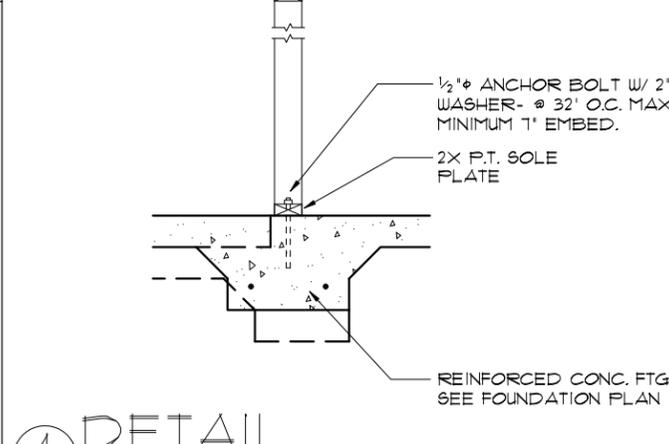
2 DETAIL (BRG. W/O UPLIFT)  
14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



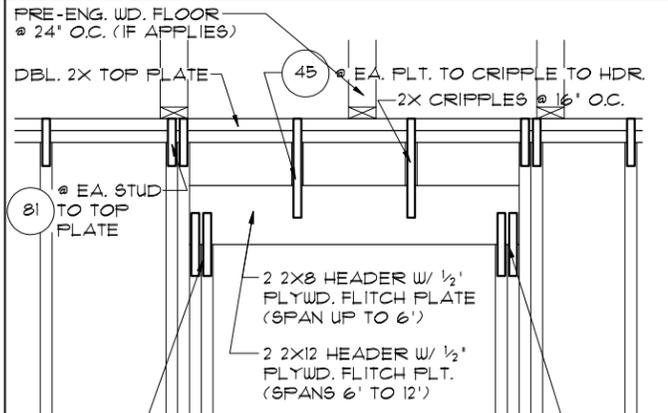
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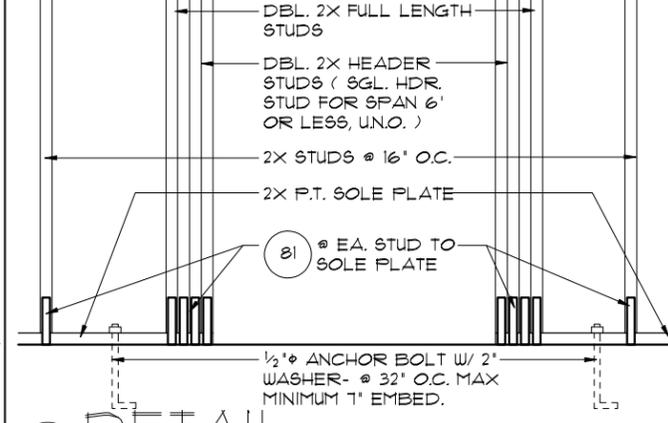
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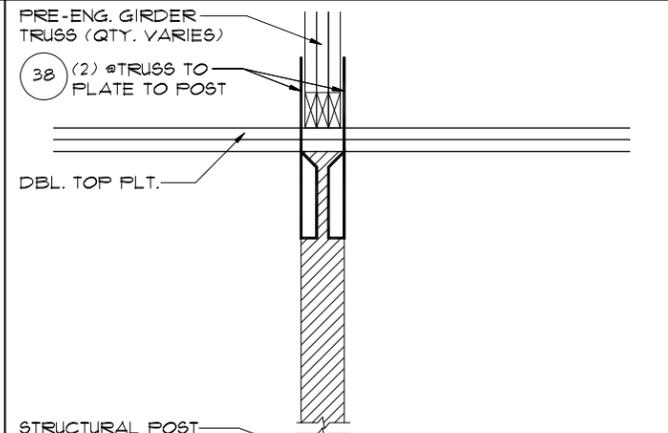
10 DETAIL  
14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



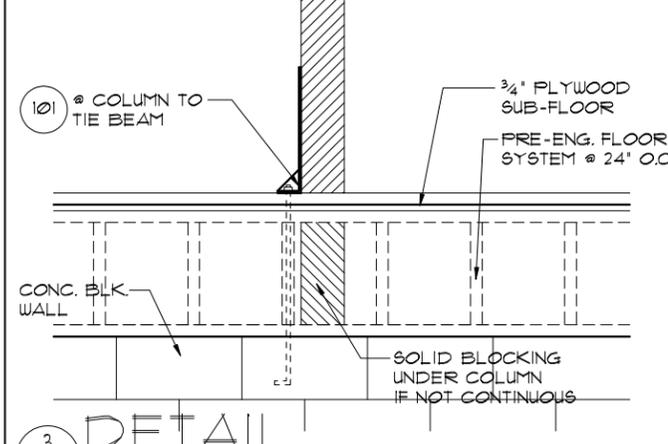
1 DETAIL (BRG. W/ UPLIFT)  
14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



1 DETAIL (BRG. W/ UPLIFT)  
14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



3 DETAIL  
14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



3 DETAIL  
14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)

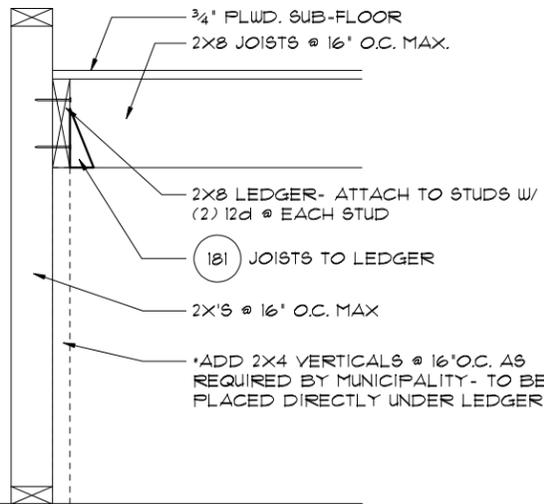
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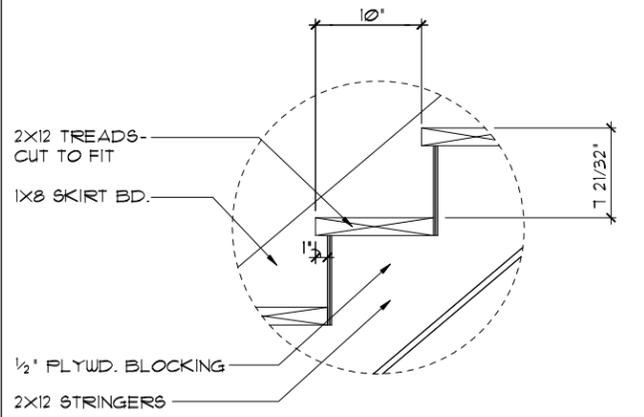
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 5200 Vneiland Road, Suite 200  
 Orlando, Florida, 32811  
 Phone: (407) 529-3000  
 www.psq.com

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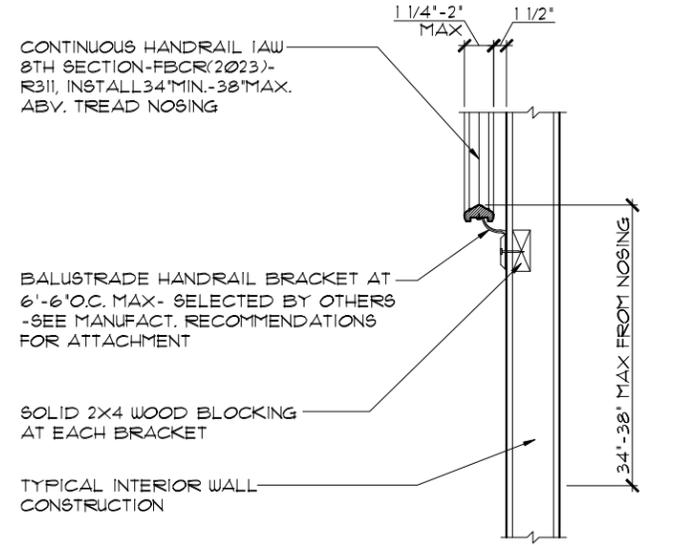
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 PARADISO GRANDE  
 2913  
 DATE 04-09-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 2913  
 SHEET 14  
 OF SHEETS



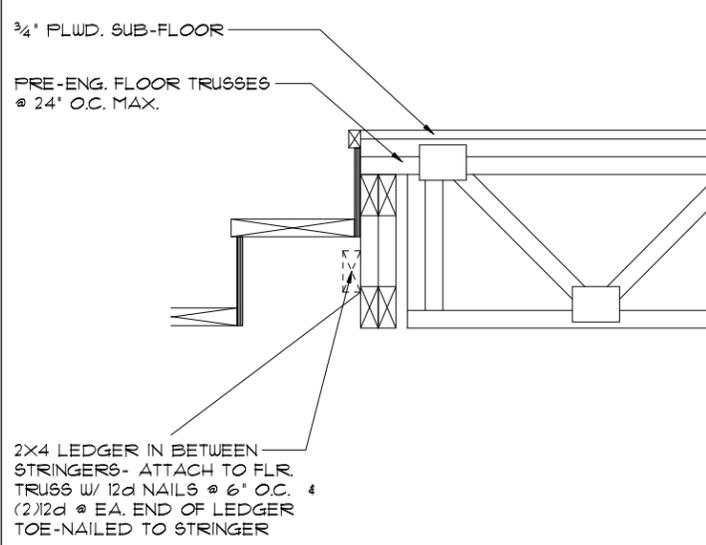
4 TYP. STAIR CONNECT.  
 3/4" = 1'-0" (11X17) 1/2" = 1'-0" (22'X34') PLATFORM FRAMING



1 STAIR DETAIL  
 3/4" = 1'-0" (11X17) 1/2" = 1'-0" (22'X34') STAIR DATA



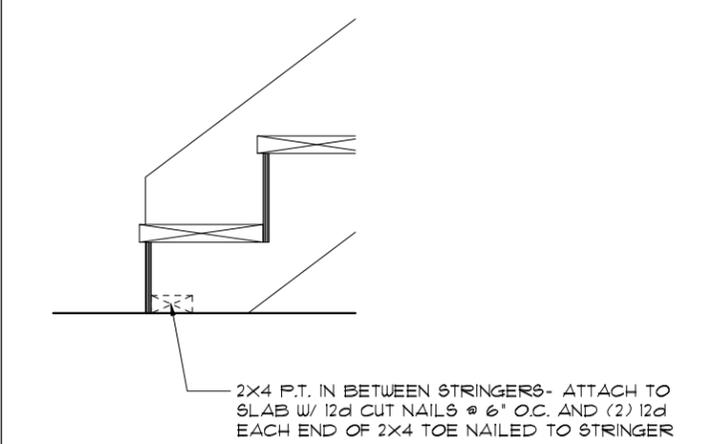
5 TYP. HANDRAIL DET.  
 3/4" = 1'-0" (11X17) 1/2" = 1'-0" (22'X34')



2 TYP. STAIR CONNECT.  
 3/4" = 1'-0" (11X17) 1/2" = 1'-0" (22'X34') STRINGER TO FLOOR TRUSS

NOTES:  
 STAIRWAY CONSTRUCTION TO CONFORM TO FBCR 2023, 8 TH EDITION SECTION R311.7

MAX. HGT. OF RISER TO BE NOT MORE THAN 7 1/4". WIDTH OF TREAD TO BE 9" (EXCLUSIVE OF NOSING) ALL TREADS LESS THAN 10" IN WIDTH SHALL HAVE APPROX. 1" OF NOSING 3/16" MAX. VARIATION IN RISERS/TREADS ADJACENT TO EACH OTHER 3/8" MAX. VARIATION IN ANY RISER/TREAD HAND RAIL CIRCULAR CROSS SECTION DIA. TO BE 1/4" - 2" OR TO PROVIDE EQUIVALENT GRASPABILITY. WINDERS: MIN. 6" WIDE @ NARROW END 34" MIN. - 38" MAX., HANDRAIL HGT. HEADROOM CLEARANCE MIN. 6' - 8"



3 TYP. STAIR CONNECT.  
 3/4" = 1'-0" (11X17) 1/2" = 1'-0" (22'X34') STRINGER TO FLOOR

CONNECTOR SCHEDULE						
CONNECT. TYPE	SIMPSON		USP		MAX. UPLIFT	LAT. LDS. FI / F2
	DESCRIPTION	FASTENERS PER CONNECTOR	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA20	14-10d x 1 1/2"	ETA20	14-10d	1810	65 / 960
5	DETA20	18-10d x 1 1/2"	N/A	N/A	2,480	2000 / 1370
20	H3	RFT: 4-8d / PLT: 4-8d	RT3	RFT: 4-8d / PLT: 4-8d	455	125 / 160
21	H1	RFT: 6-8dx1 1/2" / PLT: 4-8d	RT15	RFT: 5-8dx1 1/2" / PLT: 5-8d	475	485 / 165
22	H10A	RFT: (9)10d x 1 1/2" PLT: (9)10d x 1 1/2"	RT16	RFT: 8-8d x 1 1/2" PLT: 8-8d	990	585 / 525
23	LU626	HDR: 4-10d / JST: 4-10d RFT / TRS: (4)8d	JUS26	HDR: 4-10d / JST: 4-10d	935	N/A
24	HTZ	PLT / STD: (2)8d x 1 1/2" (8)8d	RT20	RFT / TRS: 9-10d PLT / STD: 13-10d	985	400 / N/A
26	H25A	RFT: 5-8d / PLT: 5-8d	RT7	RFT: 5-8d / PLT: 5-8d	415	150 / 150
34	A34	H: 4-8dx1 1/2" / F: 4-8dx1 1/2"	MP34	H: 4-8dx1 1/2" / F: 4-8dx1 1/2"	365	280 / 303
35	A35F	H: 4-8dx1 1/2" / F: 4-8dx1 1/2"	MFAIF	H: 6-8dx1 1/2" / F: 6-8dx1 1/2"	440	440 / N/A
37	MT612	14-10d	MTW12	14-10d	1,000	N/A
38	MTS16	14-10d	MTW16	14-10d	1,000	N/A
43	LSTA12	10-10d	LSTA12	10-10d	905	N/A
45	ST18	14-16d	ST18	14-16d	1,200	N/A
47	LSTA24	18-10d	LSTA24	18-10d	1,295	N/A
71	MSTA36	26-10d	MSTA36	26-10d	2,135	N/A
72	MSTC66	64-16d SINKERS	N/A	N/A	5,495	N/A
79	SP1	STD: 6-10d / PLT: 4-10d	SPT22	STD: 4-10d / PLT: 4-10d	535	560 / 260
80	SP2	STD: 6-10d / PLT: 6-10d	SPT24	STD: 6-10d / PLT: 6-10d	605	560 / 260
81	SPH468	12-10d x 1 1/2"	TP46,48	12-10d x 1 1/2"	885	N/A
90	ABU66	12-16d	PAU66	12-16d	2,240	N/A
89	CB66	(2) 5/8" BOLTS	FA8X8	4-10d	2,300	985
92	ABU44	12-16d	PAU44	12-16d	2,200	N/A
93	AC6 (MAX)	28-16d	PBS66	24-16d	1,815	1,070
94	AC4 (MAX)	28-16d	PBS44	24-16d	1,815	1,070
95	HT620	20-10d	HTU20	20-10d	1,450	N/A
96	HD8A	SILL: 1/8" BOLT STUD: (3) 1/8" x 5 1/2" BOLTS	HH8A	SILL: 1/8" BOLT STUD: (3) 1/8" x 5 1/2" BOLTS	7,910	N/A
99	A35	H: 4-8dx1 1/2" / F: 4-8dx1 1/2"	MPA1	H: 6-8dx1 1/2" / F: 6-8dx1 1/2"	440	440 / N/A
98-101	HTT4	5/8" BOLT / 18-16dx2 1/2"	N/A	N/A	3,640	N/A
97-100-102	HTT5	5/8" BOLT / 26-10d	N/A	N/A	4,275	N/A
103	VGTR/L	32-SDS 1/4" x 3" (2) 5/8" BLT	N/A	N/A	3,990	N/A
104	HDU8-SDS25	1/8" BLT / 20-SDS 1/4" x 2 1/2"	N/A	N/A	5,020	N/A
110	HCP2	12-10d x 1 1/2"	HHCP2	20-10d x 1 1/2"	520	260 / N/A
167	HHUS46	H: 14-16d / J: 6-16d	THD46	H: 8-18d / J: 12-10d	1,550	N/A
168	U46	H: 8-10d / J: 4-10d	SUH46	H: 8-16d / J: 4-16d	710	N/A
181	HUS26	20-16d	THD26	H: 20-16d / J: 10-10d	1,550	N/A
184	HHUS28-2	G: 28-16d / T: 8-16d	EHU28-2	12-16d	2,000	N/A
214	HUC212-3TF	HD: 16-3/16" x 1 1/2" TAPCON EM: 6-16d	HDO212-3	HD: 18-3/16" x 1 1/2" TAPCON EM: 6-10d	1,135	N/A
215	HGU5210-2	HDR: 46-16d / JST: 10-16d	EHU210-2	HDR: 40-16d / JST: 16-10d	2,720	N/A
216	HUS412	BLOCK: 10-1/4" x 1 1/2" TC JOIST: 10-16d	HUS412	BLOCK: 10-1/4" x 1 1/2" TC JOIST: 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-1/4" x 1 1/2" TC JOIST: 10-16d	HUS212-2	BLOCK: 10-1/4" x 1 1/2" TC JOIST: 10-16d	2,630	N/A
219	MBHA412	H: 1-ATR 3/4" x 8 TOP FACE JOIST: 18-10d	NFM35X12U	H: 1-1/2" J-BOLT J: 5-1/2" BOLTS	3,145	N/A
220	N/A	N/A	NFM3X12	BLK: 1/2" J / JST: 14-10d	1,620	N/A
226	MBHA4.75/12	HDR: (2) 3/4" x 8" JOIST: 18-10d	NFM45U	HDR: MIN. 1/2" x J-BOLT JOIST: (5) 1/2" BOLTS	2,160	N/A
231	MBHA3.56/16	HDR: (2) 3/4" x 8" JOIST: 18-10d	NFM35X16U	HDR: MIN. 1/2" x J-BOLTS JOIST: (5) 1/2" BOLTS	3,450	N/A
232	MBHA5.50/16	HDR: (2) 3/4" x 8" JOIST: 18-10d	NFM55X16U	HDR: MIN. 1/2" x J-BOLTS JOIST: (5) 1/2" BOLTS	3,450	N/A
240	H15	R: 4-10dx1 1/2" / F: 4-10dx1 1/2"	N/A	N/A	1,300	480 / N/A
241	LGT2	30-16d-sinker	LUGT2	32-10d	2,000	1015 / 440
301	MG1	(1) 5/8" BLT / GIR: 22-10d	N/A	N/A	3,965	N/A
302	HGT-2 or 3	LTL: 3/4" BLT / GIR: 8-10d	USC63	LTL: 3/4" BLT / GIR: 8-16d	6,485	N/A
303	HGT-4	LTL: 3/4" BLT / GIR: 16-10d	N/A	N/A	9,250	N/A
401	SUR/L414	FACE: 18-16d / JST: 8-16d	N/A	N/A	1,700	N/A
T	CONNECTORS TO BE SPECIFIED AND PROVIDED BY TRUSS MANUFACTURERS					

LOT: 0000, PARADISO GRANDE

PARADISO GRANDE  
 AQUAMARINE  
 TYPICAL DETAILS / CONNECTOR SCHEDULE  
 2913  
 DATE 04-09-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 2913  
 SHEET 15 OF SHEETS

REVISIONS BY  
**ITEG**  
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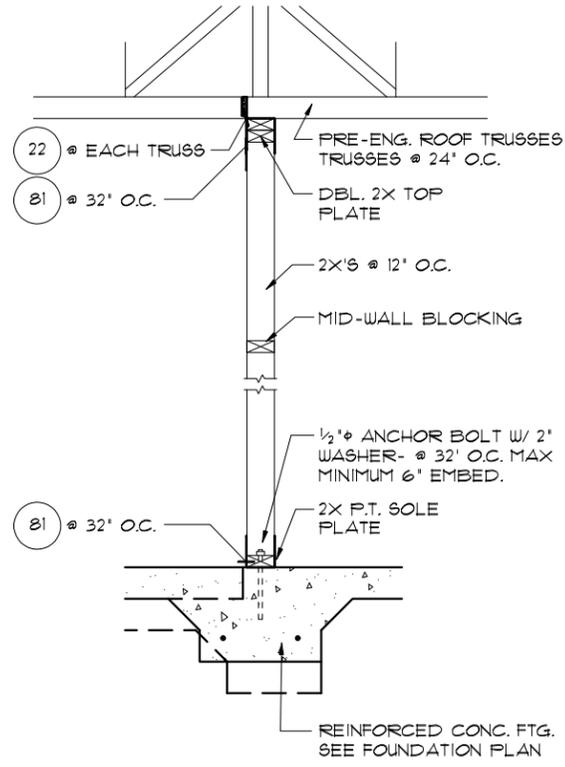
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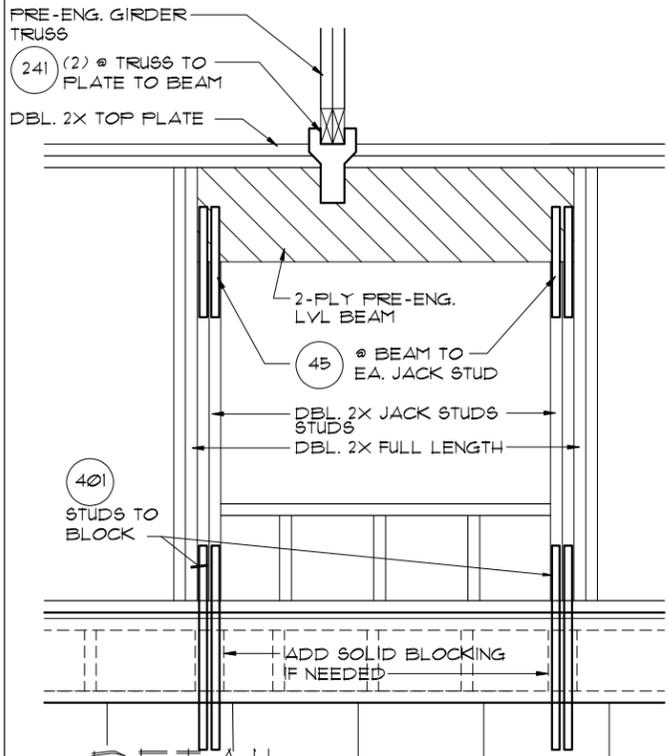
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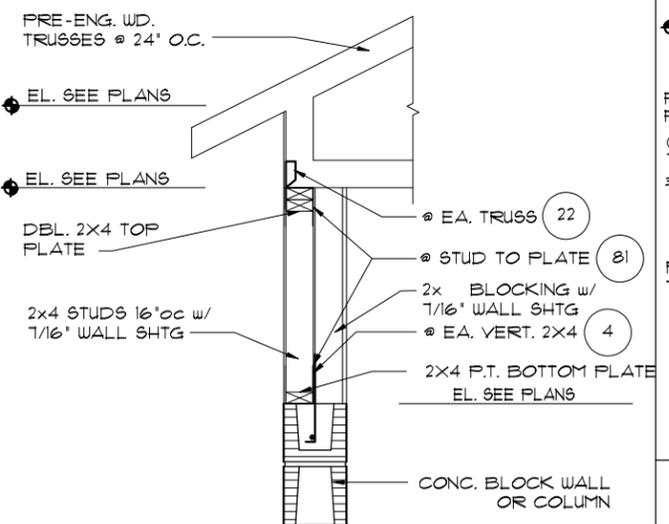




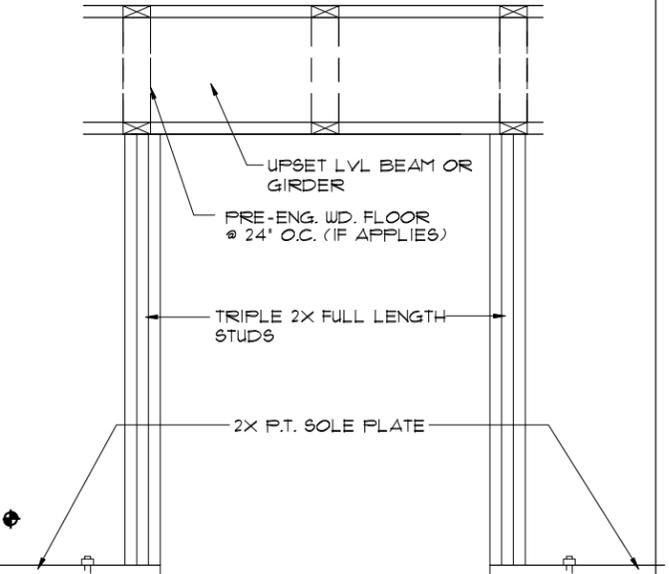
**1** **DETAIL**  
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



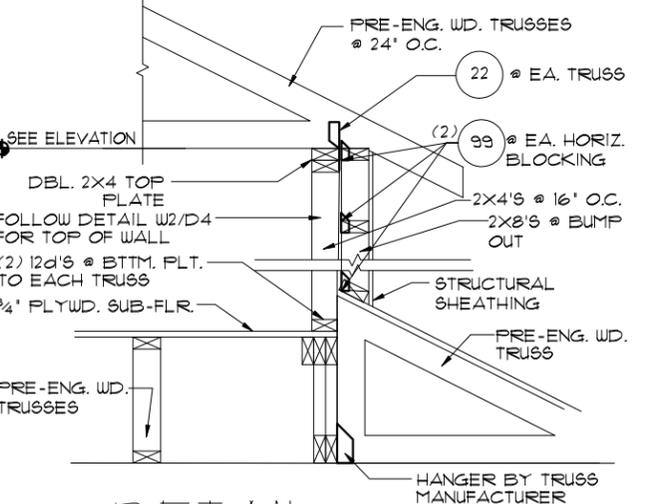
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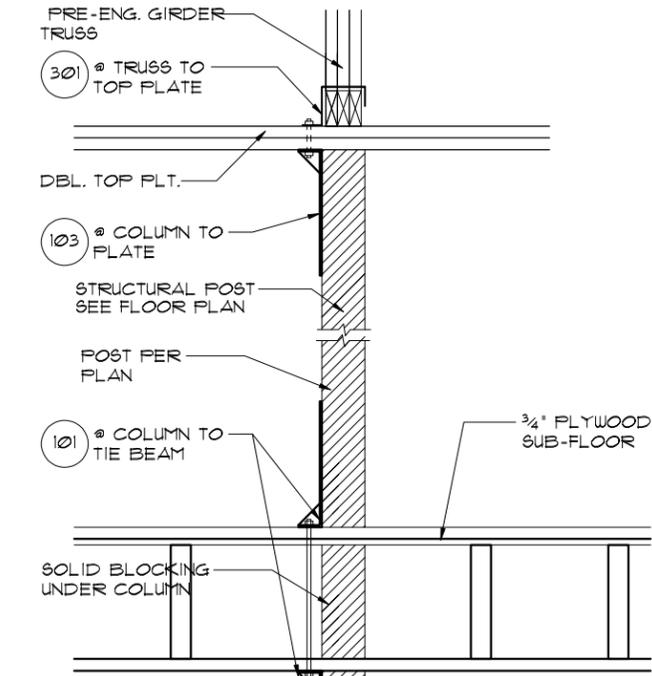
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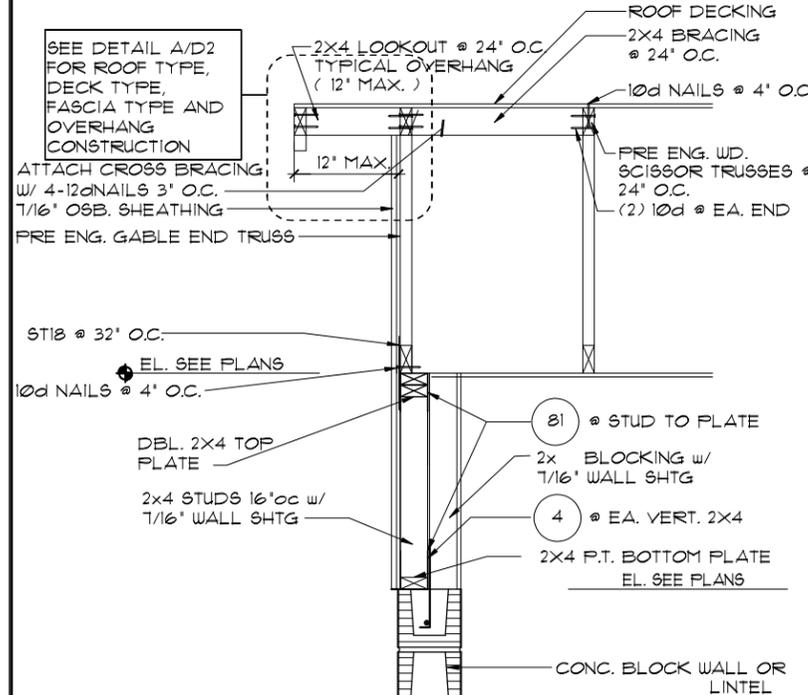
**4** **DETAIL** (BRG. W/O UPLIFT)  
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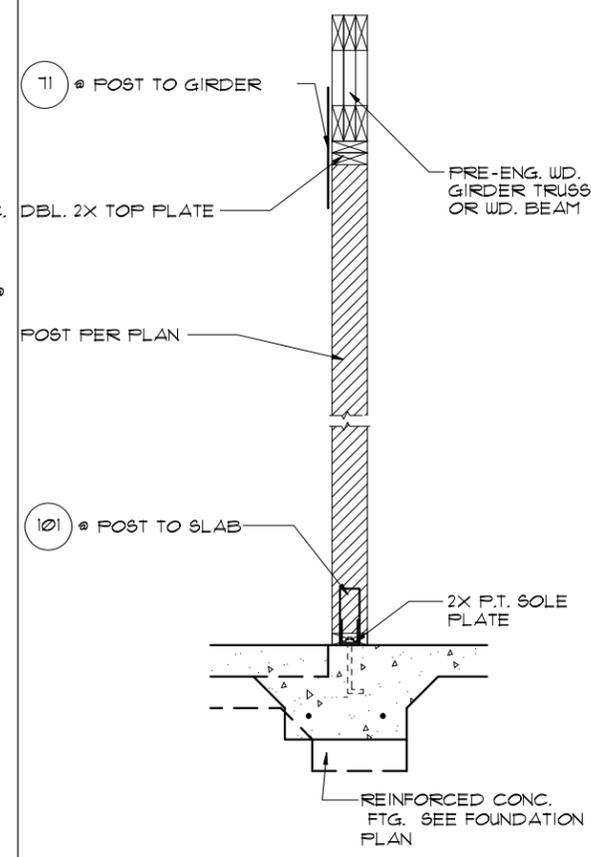
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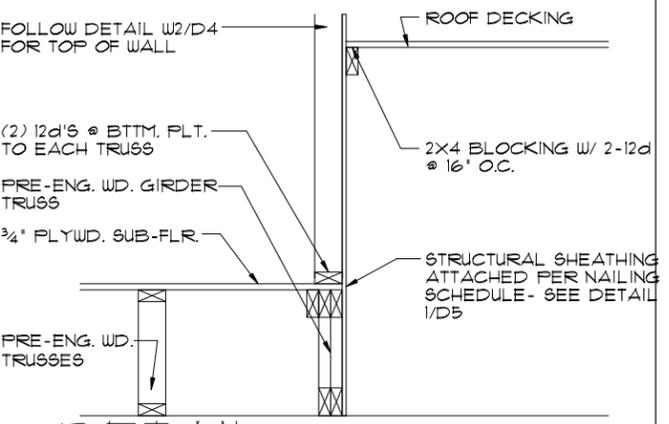
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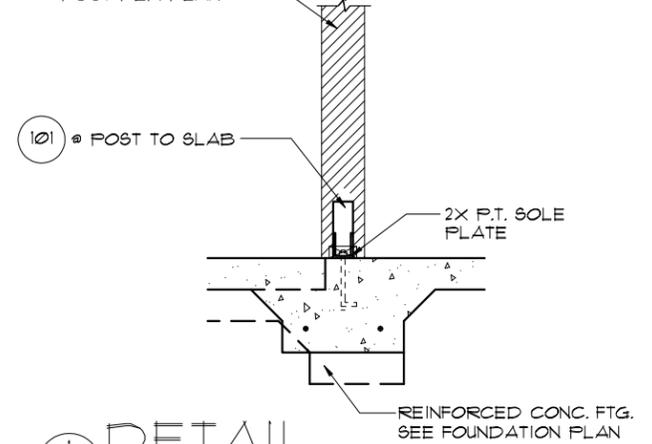
**6** **DETAIL**  
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



**3** **DETAIL**  
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



**2** **DETAIL**  
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



**1** **DETAIL**  
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)

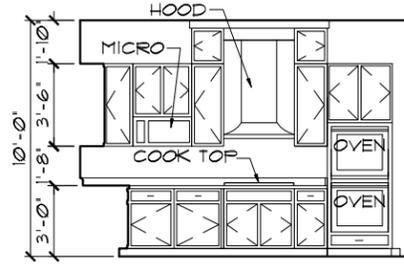
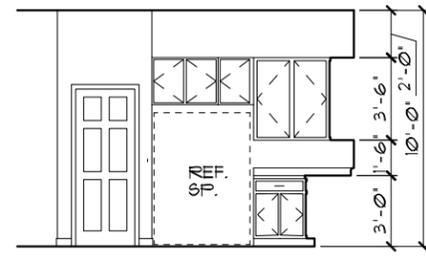
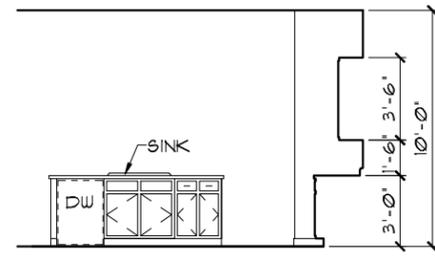
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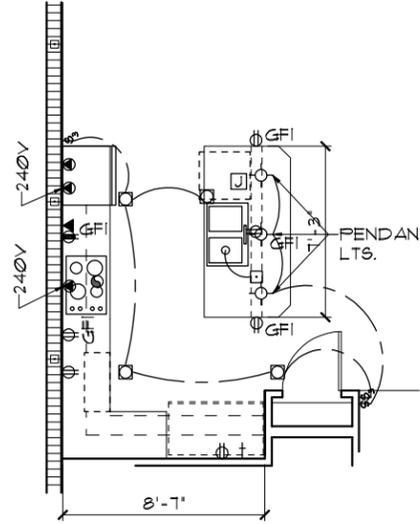


**INTERIOR ELEVATIONS**

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

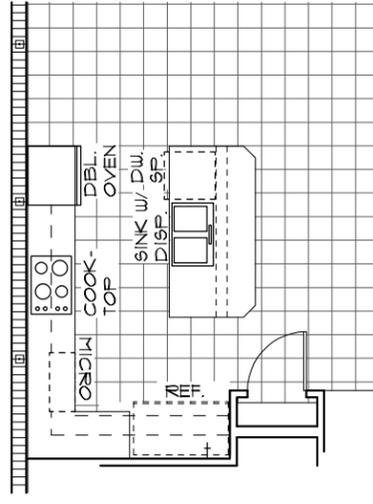
**ELECTRICAL PLAN**

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



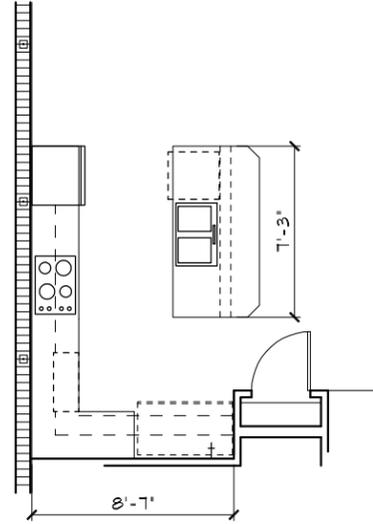
**FLOOR PLAN W/ NOTES**

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



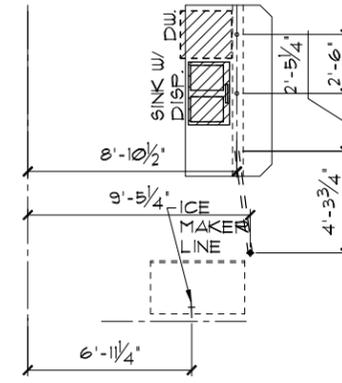
**FLOOR PLAN W/ DIMENSIONS**

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



**FOUNDATION PLAN**

1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



GOURMET OPTION 1



THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

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JOB	2913
SHEET	19
OF SHEETS	19

CROSS SECTION / INTERIOR ELEVATIONS

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PARADISO GRANDE

2913

PARADISO GRANDE

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