

2913 (A,B,C)

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 214T 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. & NEC 2017	
②	11-16-21	-INTERIOR DOORS CHANGED TO 6/8 ILO 8/0 1ST FLOOR ONLY	N
③	03-06-23	-DELETE ALL TOWEL BARS & RELOCATE PT HOLDERS ON SECONDARY BATHS	UE
④	06-20-23	-UPDATE FIRE ALARM PER BULDER'S REQUEST	UE
⑤	06-20-23	-ADD TILE IN MASTER WALK IN CLOSET	UE
⑥	09-29-23	-DELETE HEIGHT TO ALL INTERIOR DRS	UE
⑦	13-02-24	-ADD ELECTRICAL CHANGES REQUESTED BY NL	UE

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"

00	COVER SHEET
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
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15	TYPICAL DETAILS
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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 "C"

00	COVER SHEET
01C.0	FOUNDATION PLAN
02C.0	FLOOR PLAN W/ DIMENSIONS
03C.0	FLOOR PLAN W/ NOTES
04C.0	UPPER FLOOR PLAN W/ DIMENSIONS
05C.0	UPPER FLOOR PLAN W/ NOTES
06C.0	EXTERIOR ELEVATIONS- FRONT/ REAR
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D3	TYPICAL STRUCTURAL DETAILS
D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL DETAILS
D6	SOFFIT DETAILS

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 1st EDITION, 2020 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

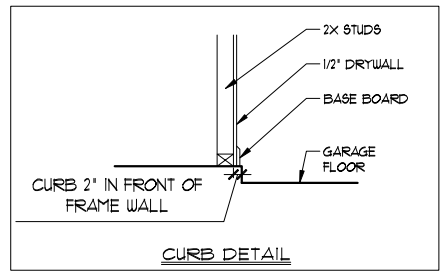
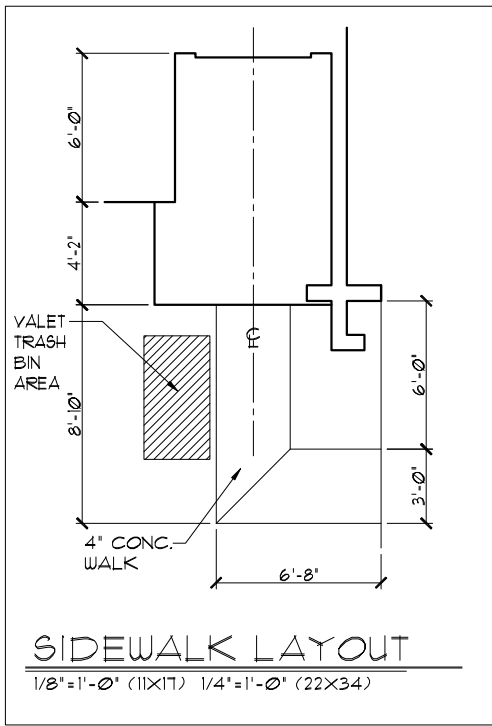
COVER SHEET

Park Square HOMES

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

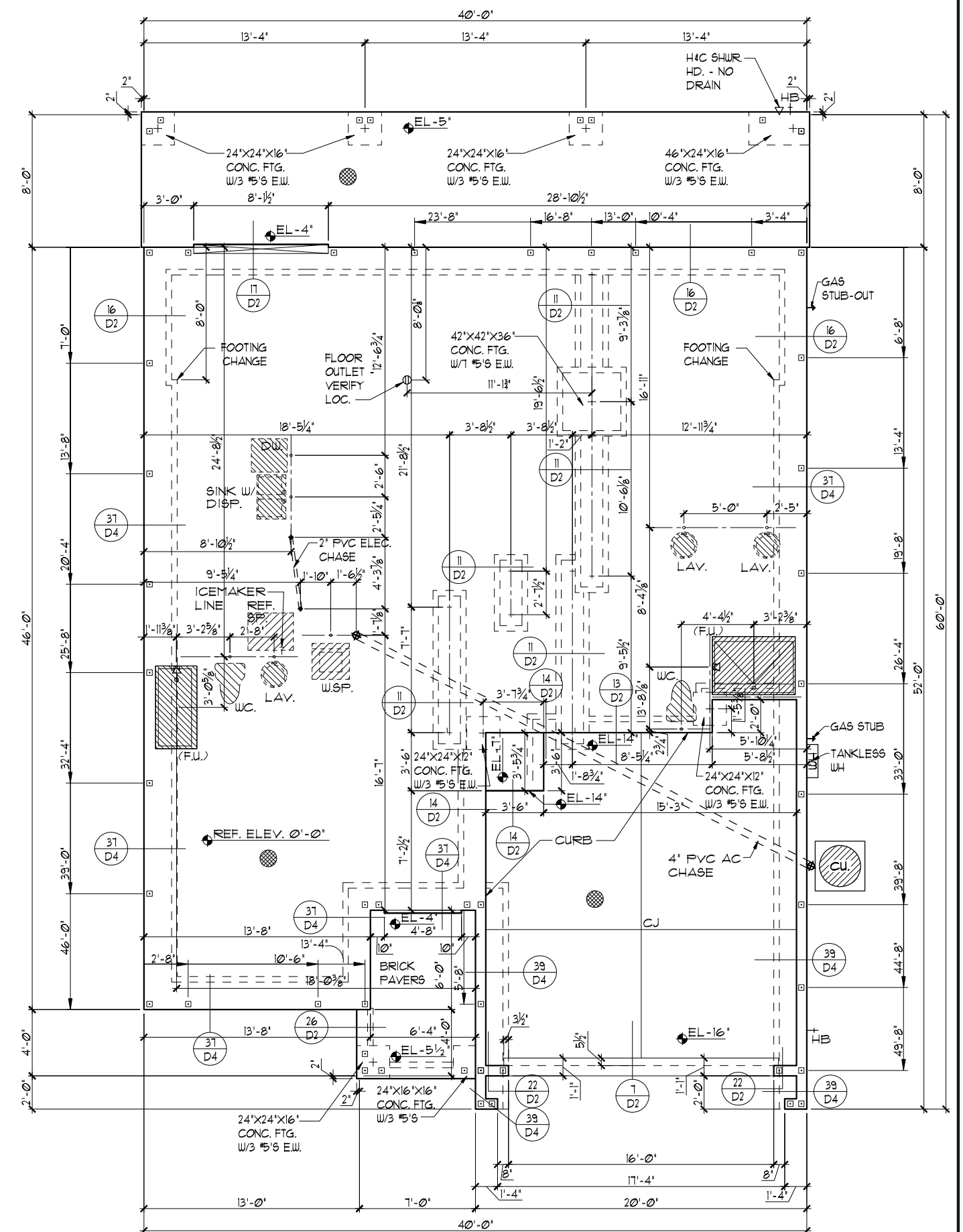
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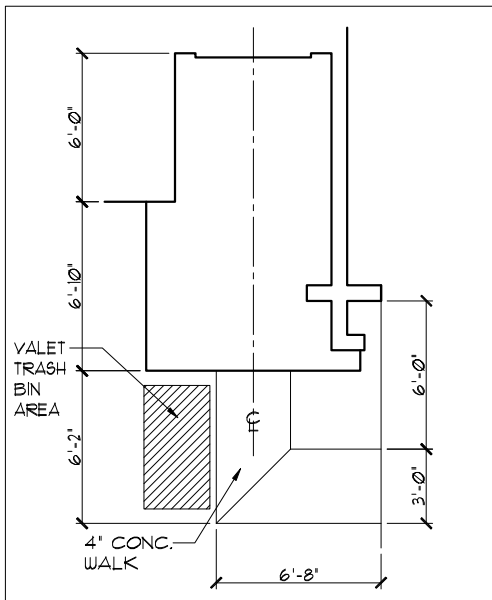
- ### FOUNDATION NOTES
- CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
 - DENOTES FILL CELL REINF. W/ CONC. W/ (1) #5 REBAR GRADE 60
 - DENOTES FILL CELL REINF. W/ CONC. W/ (2) #5 REBAR GRADE 60
 - DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO 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. WVF 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 "A"
 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

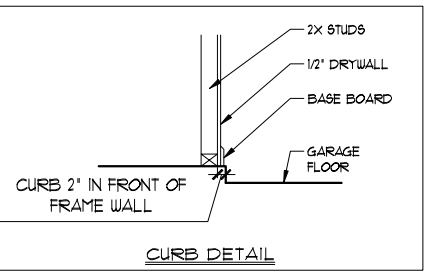


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PARADISO GRANDE A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida, 32811 Phone: (407) 529-3000 ITEG THOMPSON ENGINEERING GROUP, INC. 1401 W. Colonial Ave., Suite 100 Orlando, FL 32811 Tel: (407) 734-1400 Fax: (407) 734-1700 www.iteg.com	
FOUNDATION PLAN	
AQUAMARINE PARADISO GRANDE	2913 DATE 04-09-21 SCALE AS NOTED DRAWN RDC JOB 2913 SHEET 01A.0 OF SHEETS



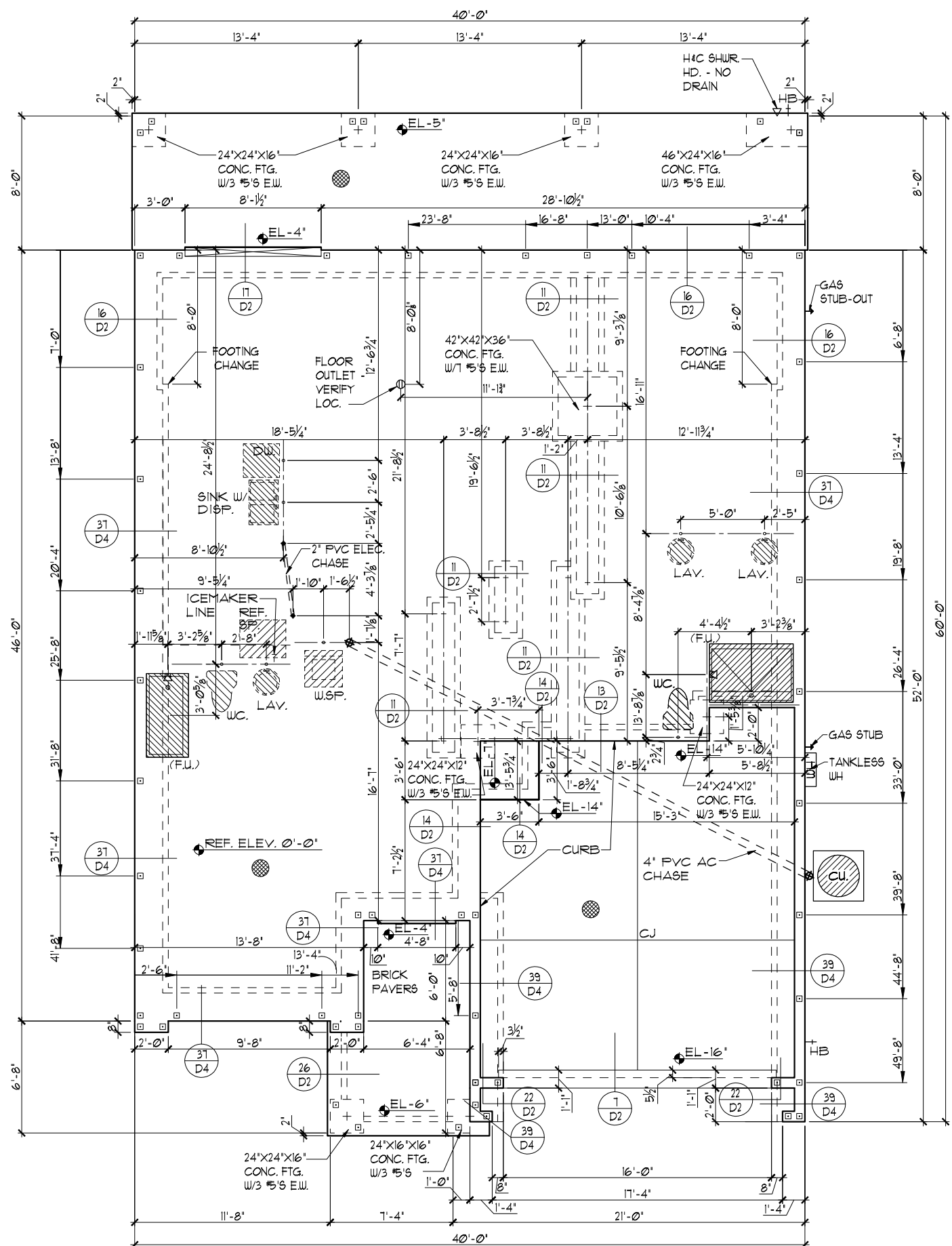
SIDEWALK LAYOUT
 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



CURB DETAIL

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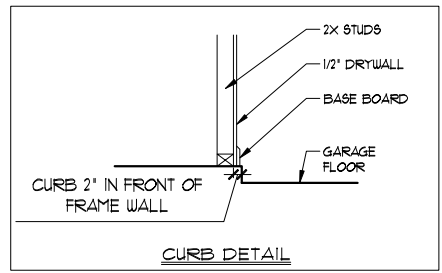
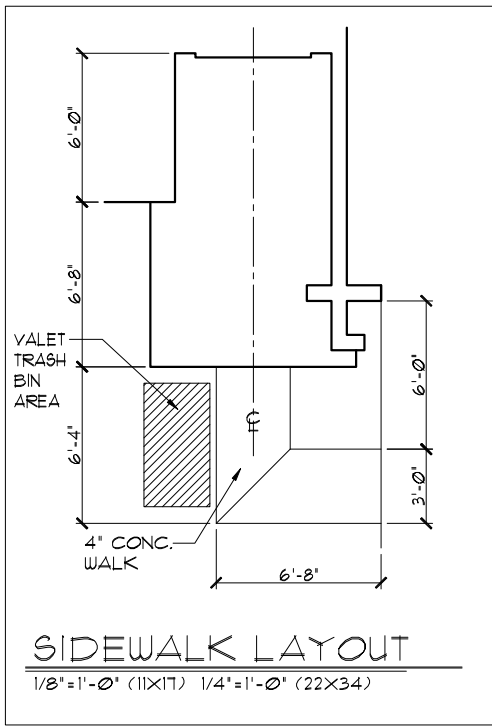
Park Square HOMES

FOUNDATION PLAN

AQUAMARINE
PARADISO GRANDE

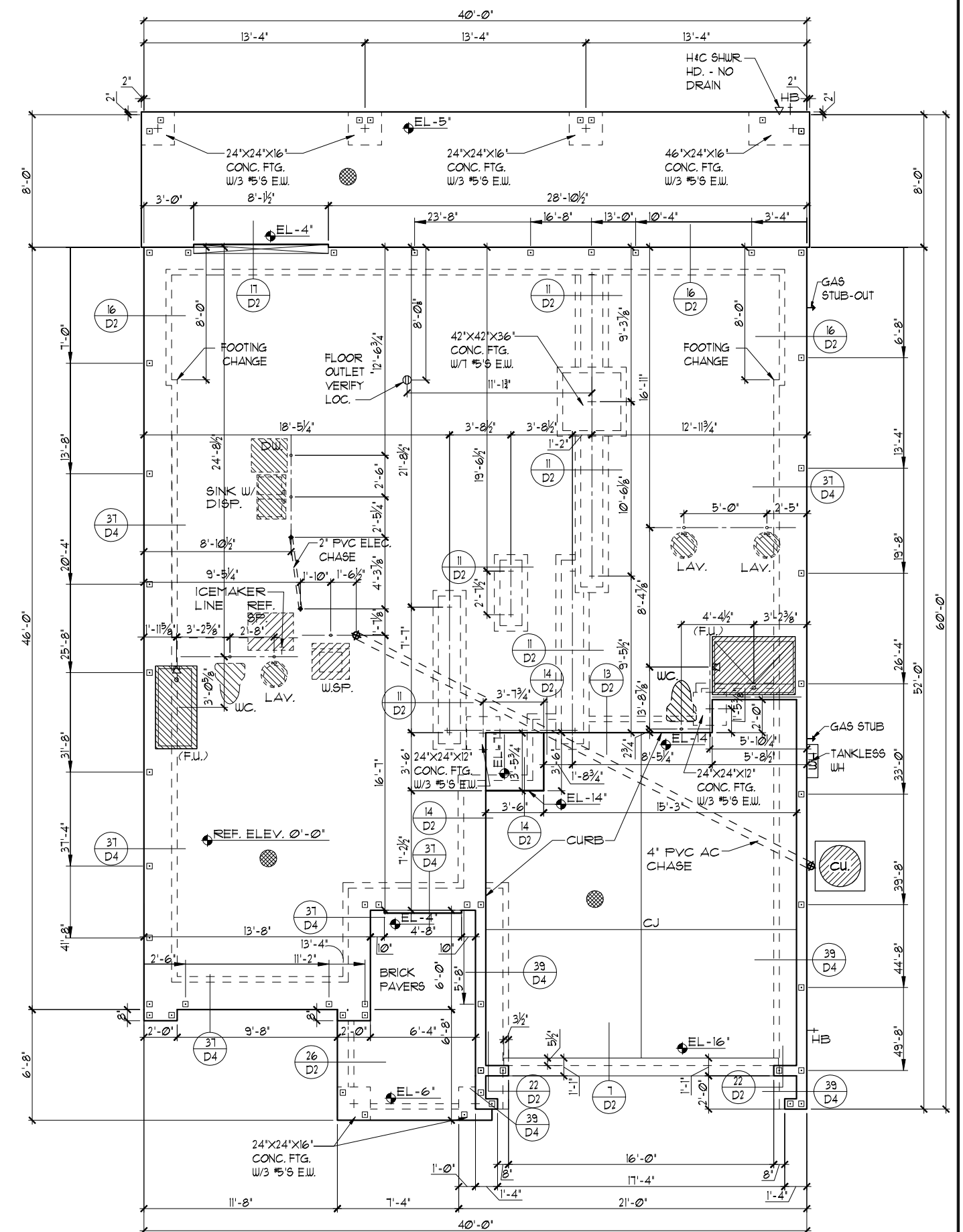
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DATE 04-09-21
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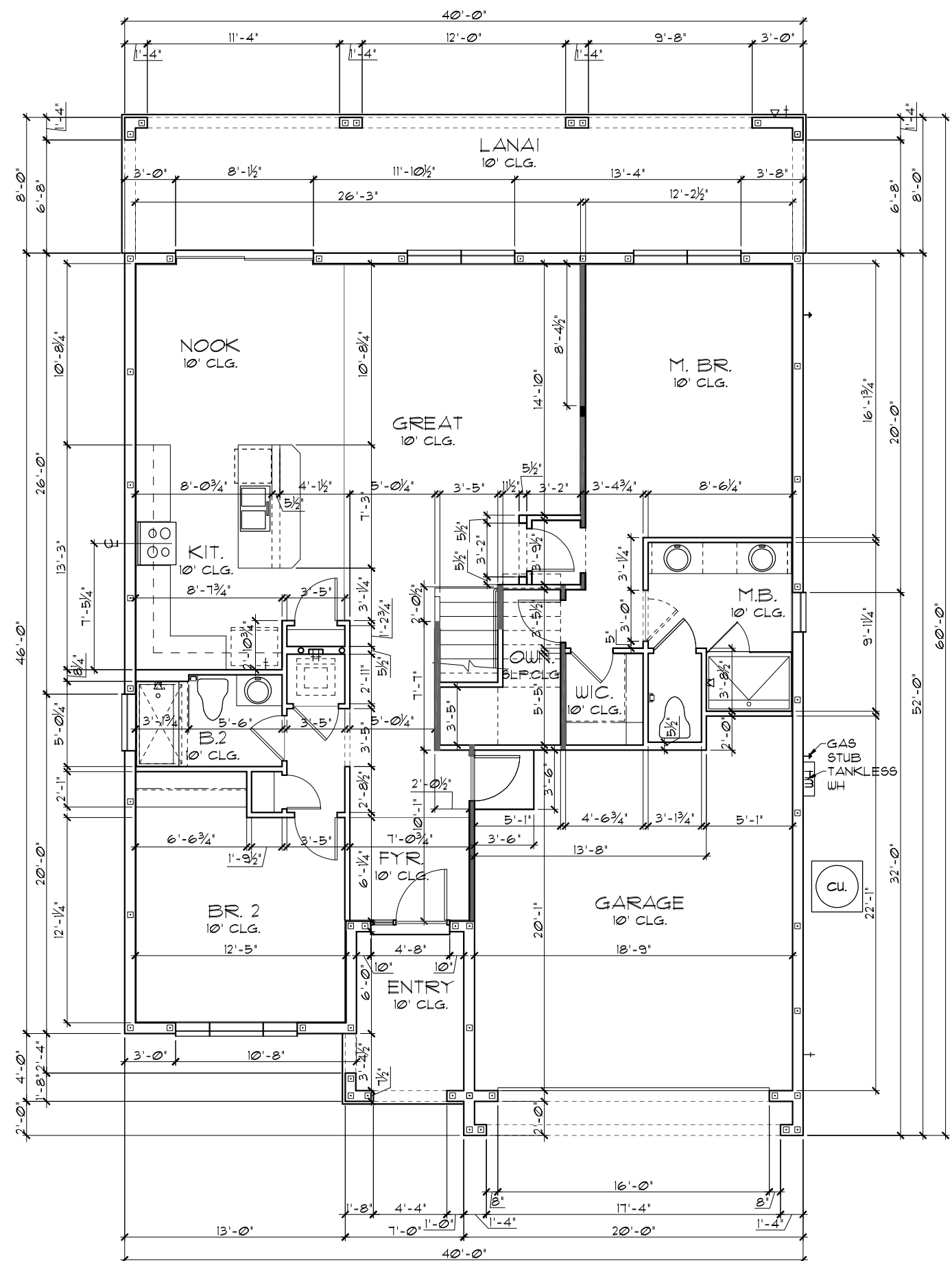
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FOUNDATION PLAN
 AQUAMARINE
 PARADISO GRANDE
 2913
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 2913
 SHEET
 OF 9 SHEETS

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**
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FLOOR PLAN W/ DIMENSIONS "A"
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SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET 02A.0

SHEETS

PARADISO GRANDE

AQUAMARINE

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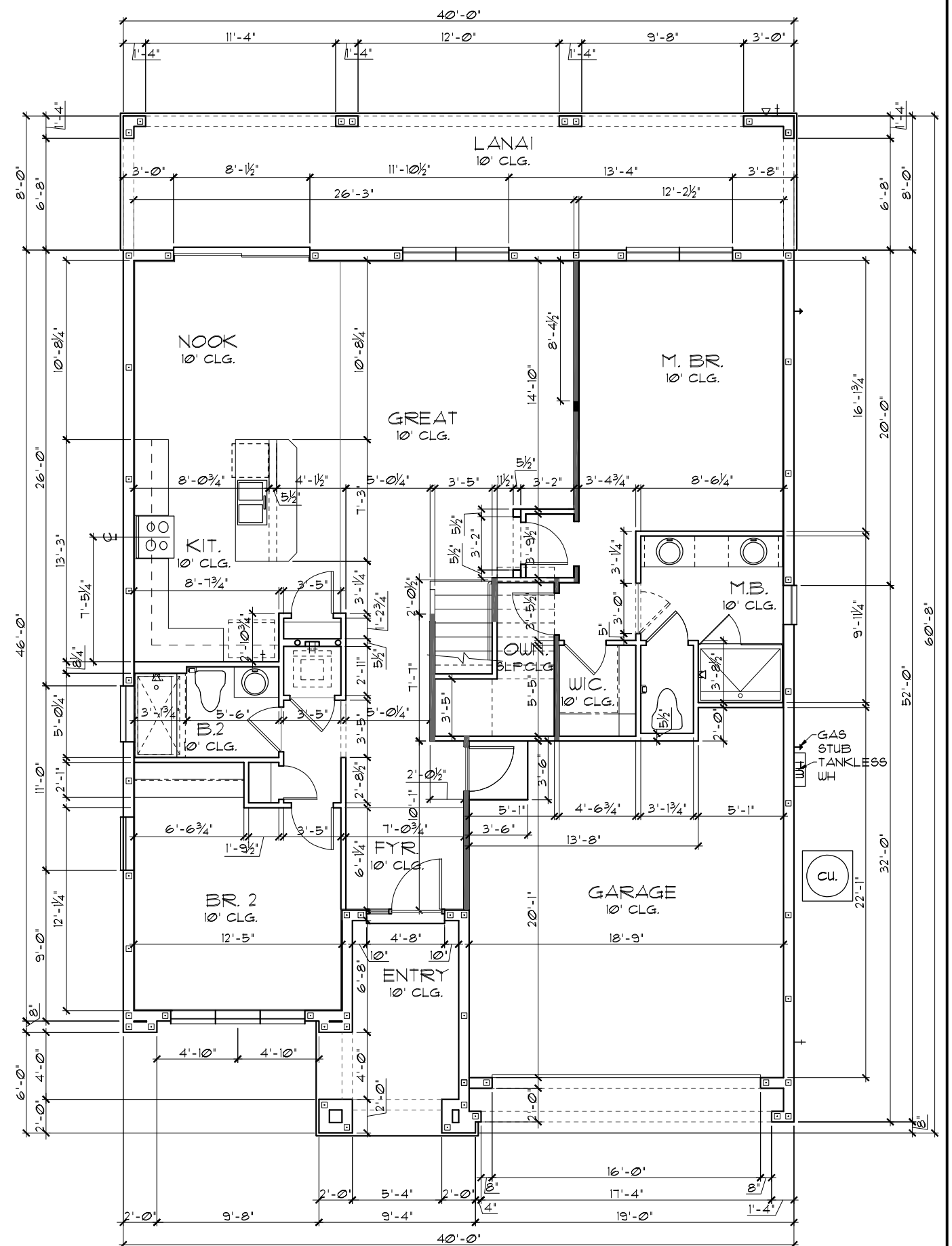
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02B.0
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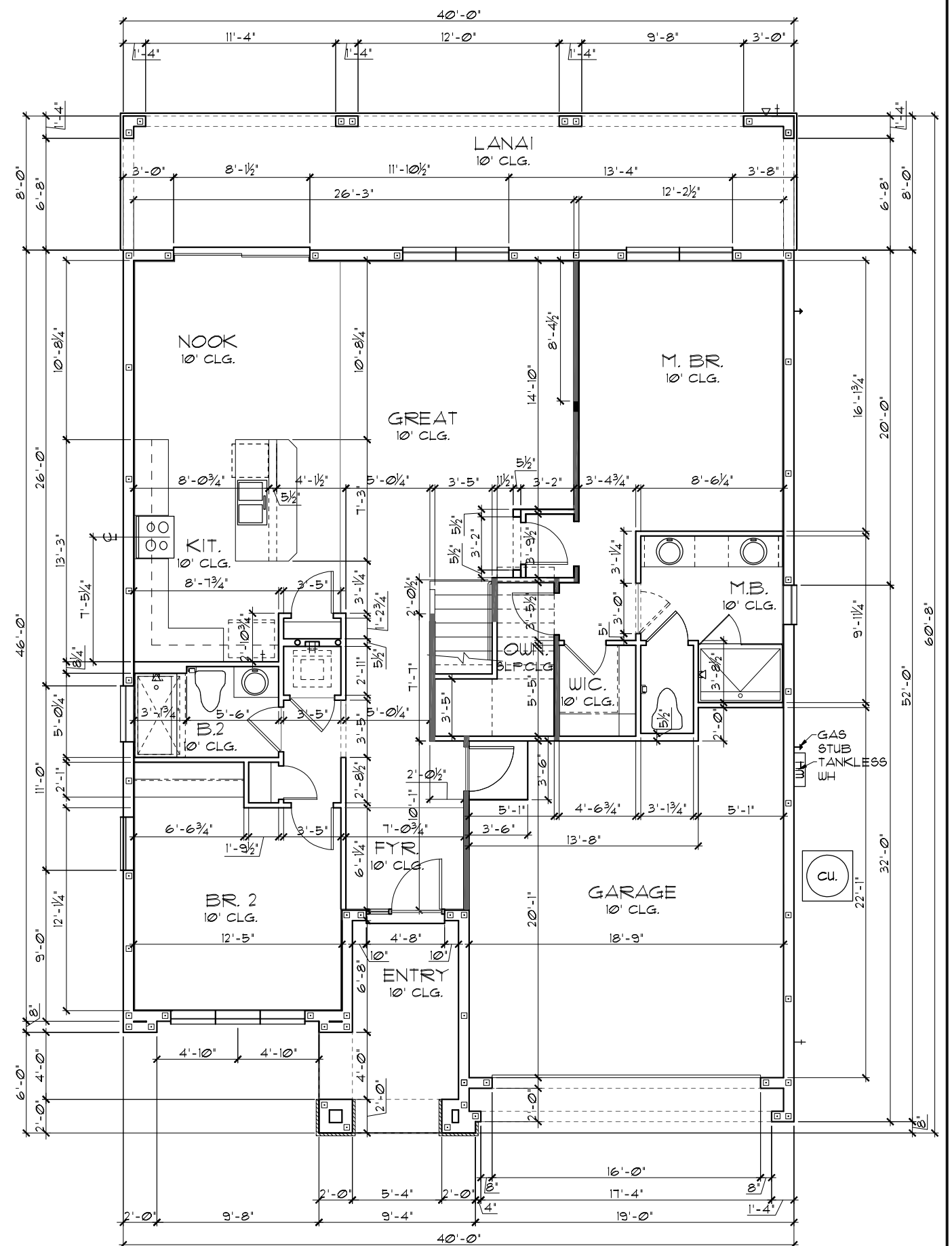
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 SHEET 02C OF 02 SHEETS

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REVISIONS	BY

PARADISO GRANDE

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
TOTAL	20 PSF

ROOF: LIVE LOADS

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

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.
- | | |
|--|---|
| | 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

EMERGENCY AND ESCAPE RESCUE - R310.2.1 - FBCR2020.3

6H25	33 1/2" H. X 30" W.	NET CLEAR OPENING OF NOT LESS THAN 5.7 SQFT MIN. NET CLEAR OPENING FOR GRADE FLOOR EMERGENCY ESCAPE AND RESCUE OPNG. SHALL BE - 5 SQFT
------	---------------------	---

NOTE:
 • ALL EMERGENCY ESCAPE WINDOW SILLS TO BE NOT MORE THAN 44" MIN. AFF.- R310.2 - FBCR (2020)
 • WINDOWS SILLS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

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

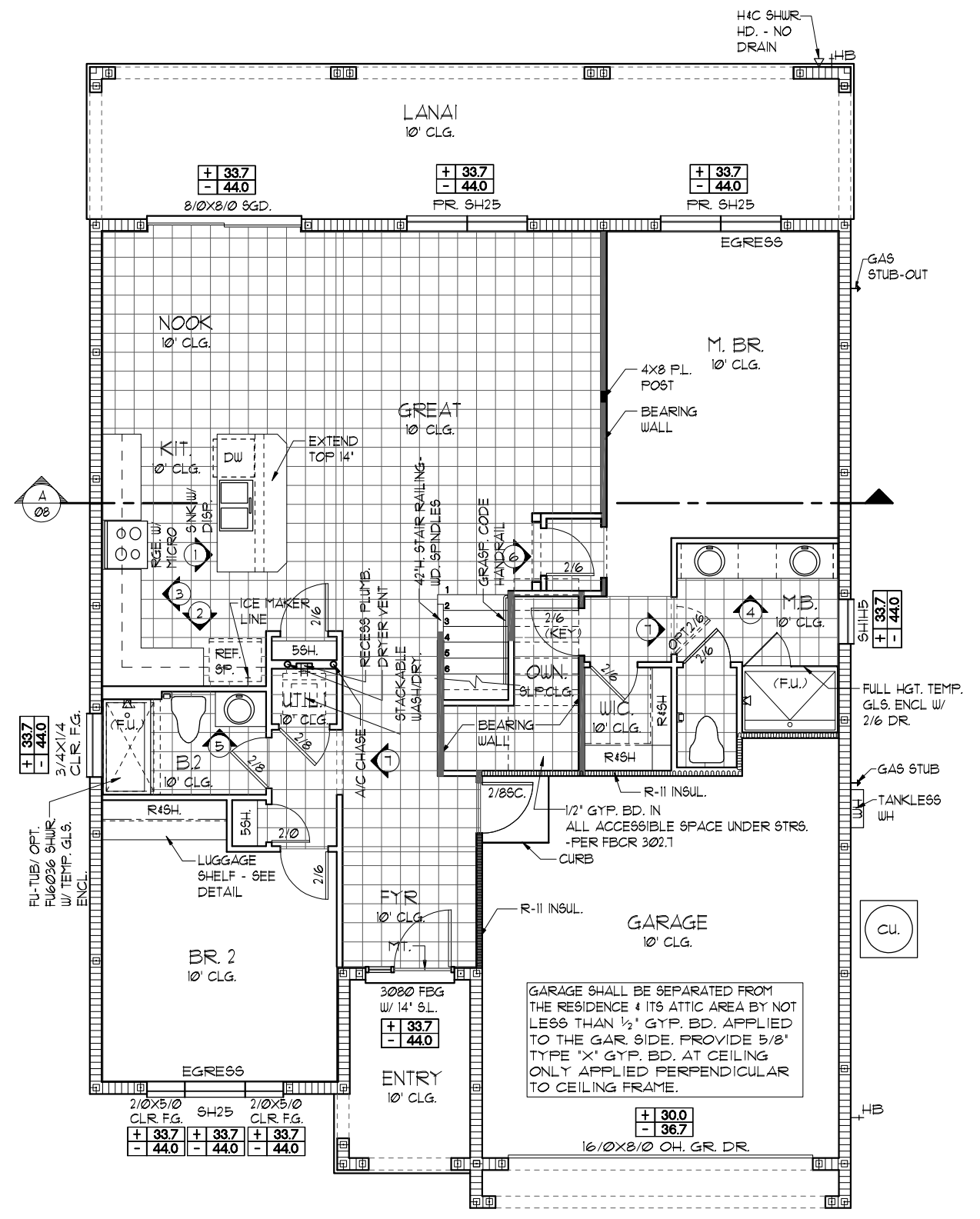
PER FBC R312- R312.12 & R312.13 & R311.10.1

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 1/2" (38MM) BETWEEN THE WALL AND THE HANDRAIL.

FLOOR PLAN W/ NOTES "A"

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



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 0000, PARADISO GRANDE
 THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 1st EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

PARADISO GRANDE

ITEG
 ITHAMERSON ENGINEERING GROUP, INC.
 5200 Vlneland Road, Suite 200
 Orlando, Florida, 32811
 Phone: (407) 529-3000

Park Square HOMES

AQUAMARINE

2913

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

LOAD INFORMATION
PER 17TH EDITION, 2020 FLORIDA BUILDING RESIDENTIAL CODE

DEAD LOADS

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

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

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

EGRESS WINDOW SCHEDULE - R310.2.1- FBCR2020

SH25	33 1/2" H. X 30" W.	MIN. NET CLEAR OPENING 5.1 SQFT
------	---------------------	---------------------------------

NOTE:

- ALL EMERGENCY ESCAPE WINDOW SILLS TO BE NOT MORE THAN 44" MIN. A.F.F. - R310.2 - FBCR (2020)
- WINDOWS SILLS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

PER FBC R301- TABLE R301.5

GUARDRAILS & HANDRAILS	200 PSF
GUARDRAIL IN - FILL COMPONENTS	50 PSF
STAIRS	40 PSF

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

PER FBC R301- TABLE R301.5

GUARDRAILS & HANDRAILS	200 PSF
GUARDRAIL IN - FILL COMPONENTS	50 PSF
PER FBC R312- R312.12 & R312.13 & R311.7.2.1	
GUARDRAILS HEIGHT	36" MIN.
HANDRAIL HEIGHT	34" MIN. TO 38" MAX.
GUARDRAIL OPENING LIMITATIONS	4" IN DIAMETER MAX.

NOTE: HANDRAIL CONTINUITY PER R311.7.2.1 - 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 NEEL 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.

WIND INFORMATION
PER 17TH EDITION, 2020 FLORIDA BUILDING RESIDENTIAL CODE

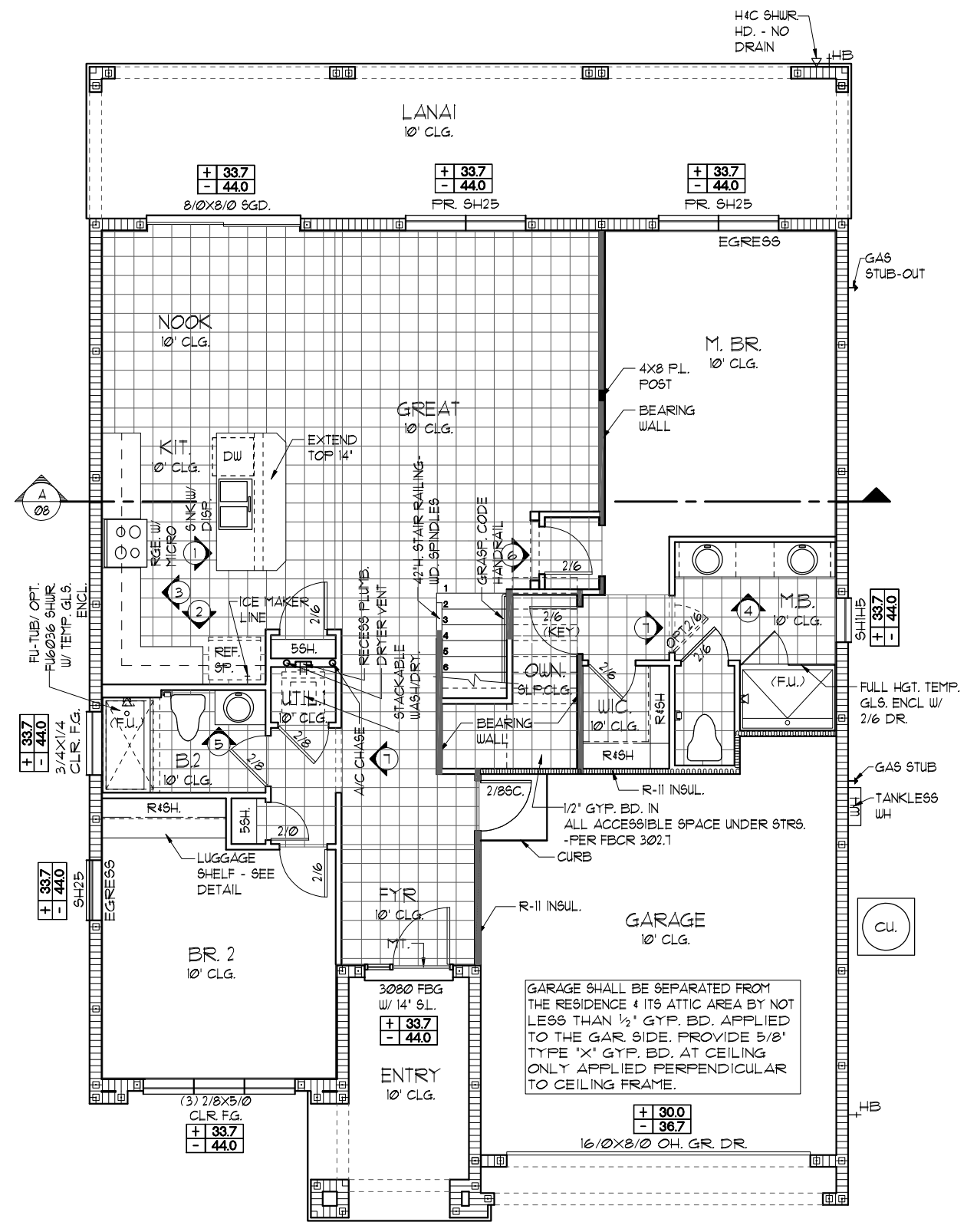
- BASIC WIND SPEED: 140 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: B
- BUILDING TYPE: V-B
- ENCLOSURE CLASSIFICATION: +/-, INCLUDED INTERNAL PRESSURE IN NOTE #6 COEFFICIENT:
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:

+ 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.
 - | | |
|-----------|---|
| [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 CEILINGS AT 10'-0" UNLESS NOTED OTHERWISE.
 - ALL INTER. SECOND FLOOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.

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: 0000, PARADISO GRANDE
THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 17TH EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

PARADISO GRANDE

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THOMPSON ENGINEERING GROUP, INC.
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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: 03B.0 OF SHEETS

LOAD INFORMATION
PER 17TH EDITION, 2020 FLORIDA BUILDING RESIDENTIAL CODE

DEAD LOADS

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

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

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

EGRESS WINDOW SCHEDULE - R310.2.1- FBCR2020

SH25	33 1/2" H. X 30" W.	MIN. NET CLEAR OPENING 5.7 SQFT
------	---------------------	---------------------------------

NOTE:

- ALL EMERGENCY ESCAPE WINDOW SILLS TO BE NOT MORE THAN 44" MIN. A.F.F. - R310.2 - FBCR (2020)
- WINDOWS SILLS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

PER FBC R301- TABLE R301.5

GUARDRAILS & HANDRAILS	200 PSF
GUARDRAIL IN - FILL COMPONENTS	50 PSF
STAIRS	40 PSF

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

PER FBC R301- TABLE R301.5

GUARDRAILS & HANDRAILS	200 PSF
GUARDRAIL IN - FILL COMPONENTS	50 PSF
PER FBC R312- R312.1.2 & R312.1.3 & R311.7.1	
GUARDRAILS HEIGHT	36" MIN.
HANDRAIL HEIGHT	34" MIN. TO 38" MAX.
GUARDRAIL OPENING LIMITATIONS	4" IN DIAMETER MAX.

NOTE: HANDRAIL CONTINUITY PER R311.7.2 - 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 NEEL 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.

WIND INFORMATION
PER 17TH EDITION, 2020 FLORIDA BUILDING RESIDENTIAL CODE

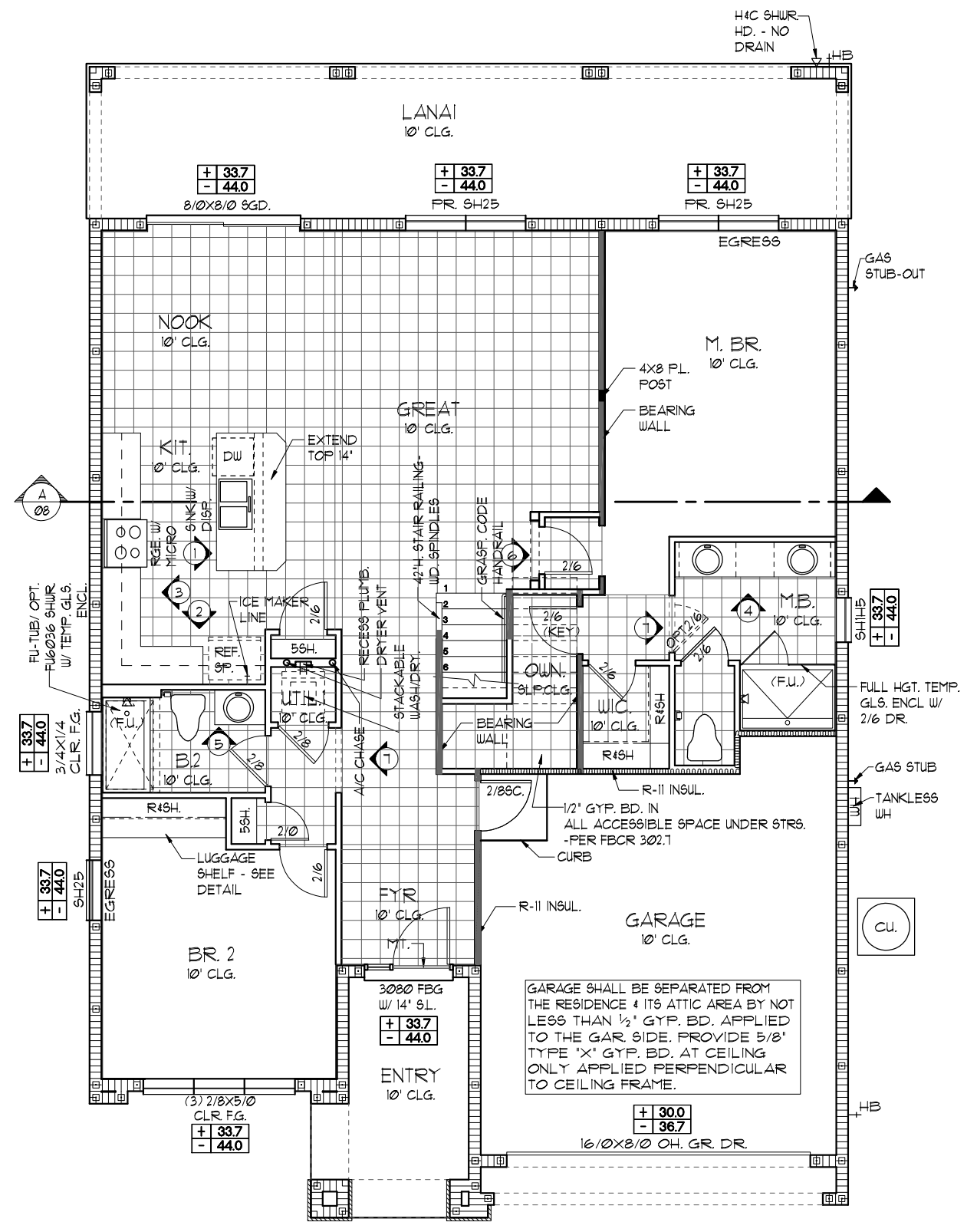
- BASIC WIND SPEED: 140 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: B
- BUILDING TYPE: V-B
- ENCLOSURE CLASSIFICATION: +/-, INCLUDED INTERNAL PRESSURE IN NOTE #6 COEFFICIENT:
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:

+ 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.
 - | | |
|----------|---|
| [Symbol] | DENOTES CONC. BLOCK WALL HGT. @ 10'-0" A.F.F. |
| [Symbol] | 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.

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: 0000, PARADISO GRANDE
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PARADISO GRANDE

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Orlando, Florida 32811
Phone: (407) 529 - 3000

FLOOR PLAN W/ NOTES

AQUAMARINE
PARADISO GRANDE

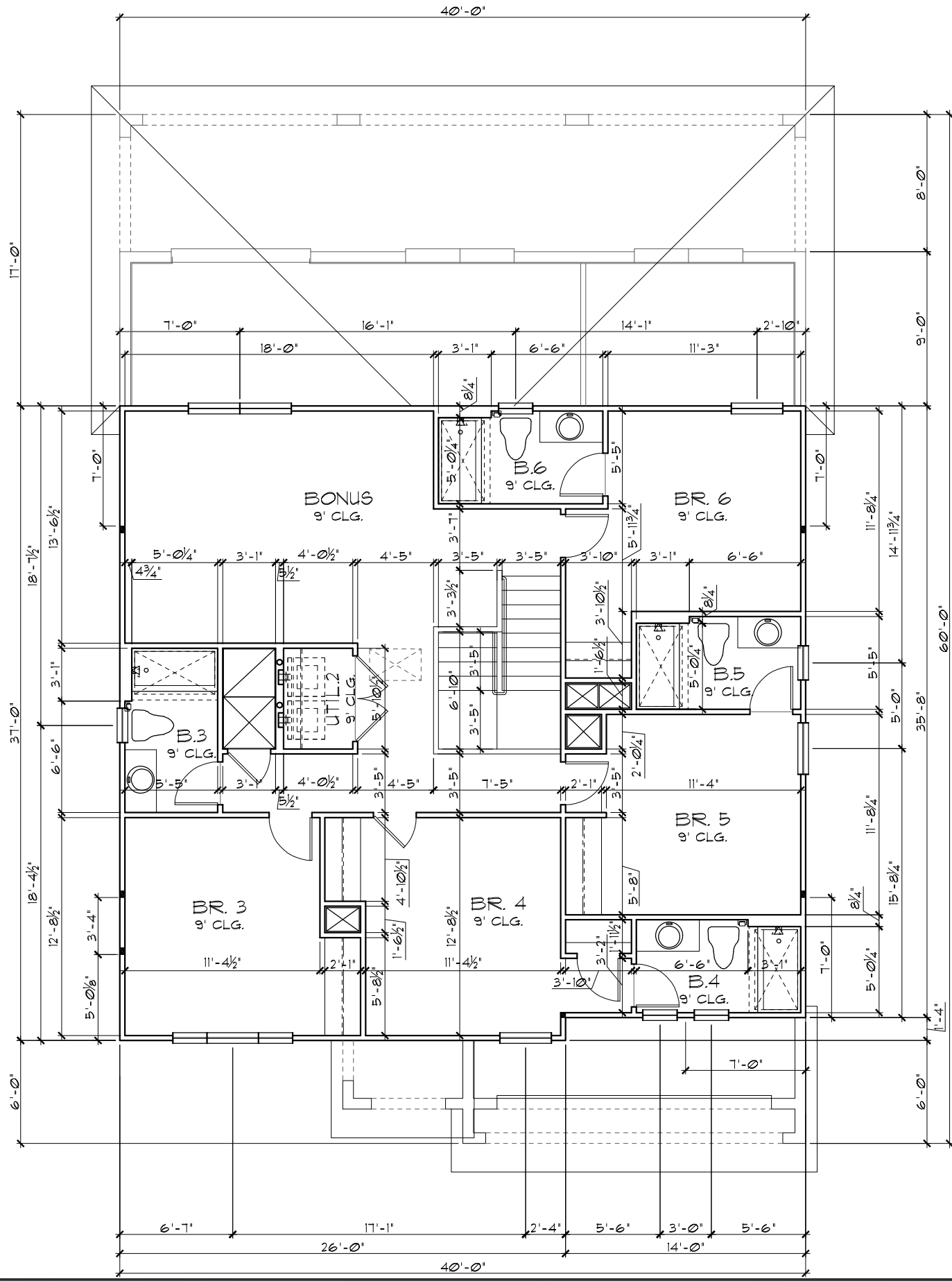
2913

DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 2913
SHEET 03C.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)



THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 1st EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, PARADISO GRANDE

DATE	04-09-21
SCALE	AS NOTED
DRAWN	RDC
JOB	2913
SHEET	04A.0
OF SHEETS	4

AQUAMARINE
**UPPER FLOOR PLAN W/
DIMENSIONS**

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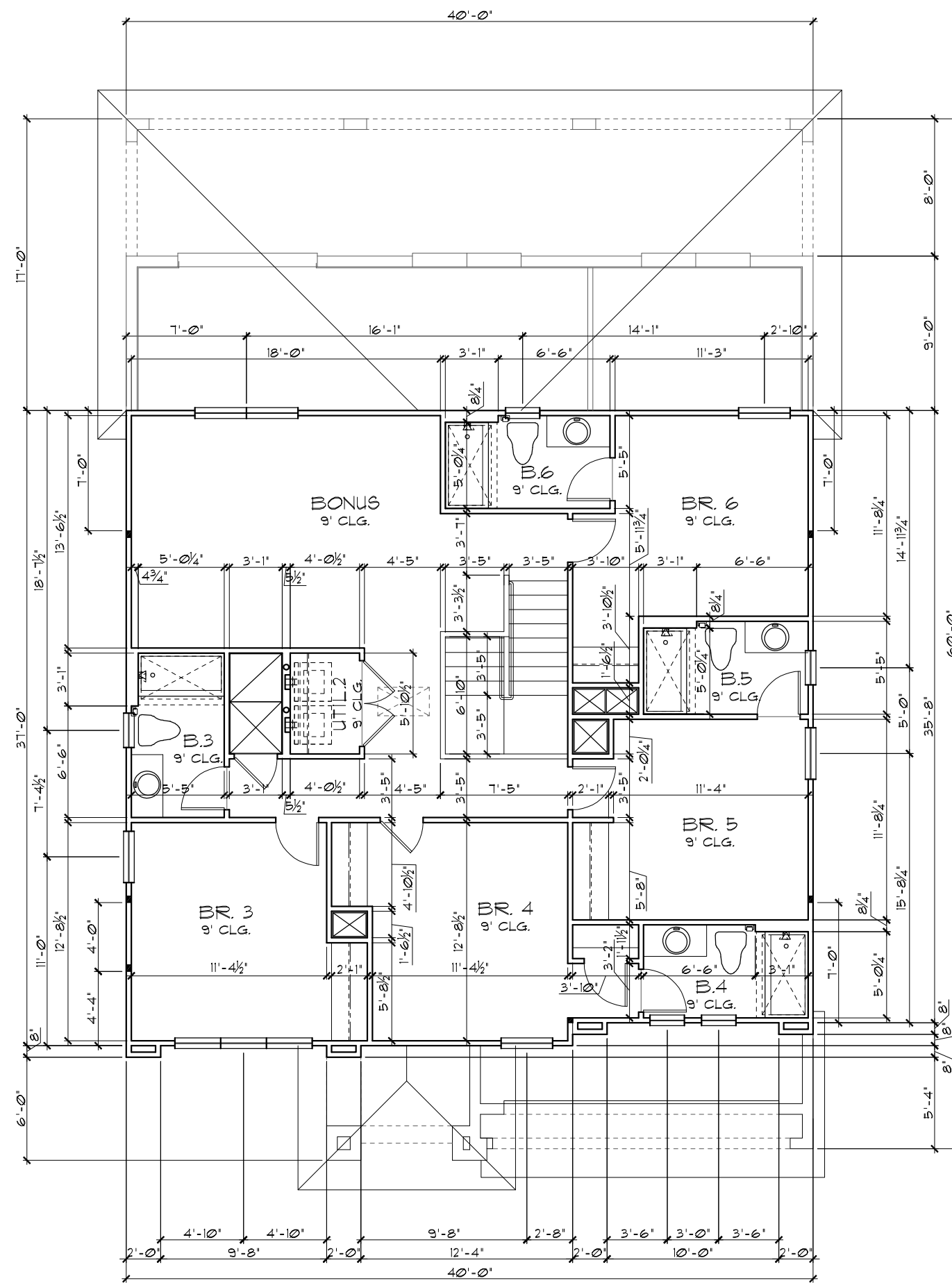
PARADISO GRANDE

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- 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 "B"**

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



THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 1st EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, PARADISO GRANDE
 AQUAMARINE
 PARADISO GRANDE

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

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 Phone: (407) 529 - 3000

Park Square HOMES

**UPPER FLOOR PLAN W/
DIMENSIONS**

2913

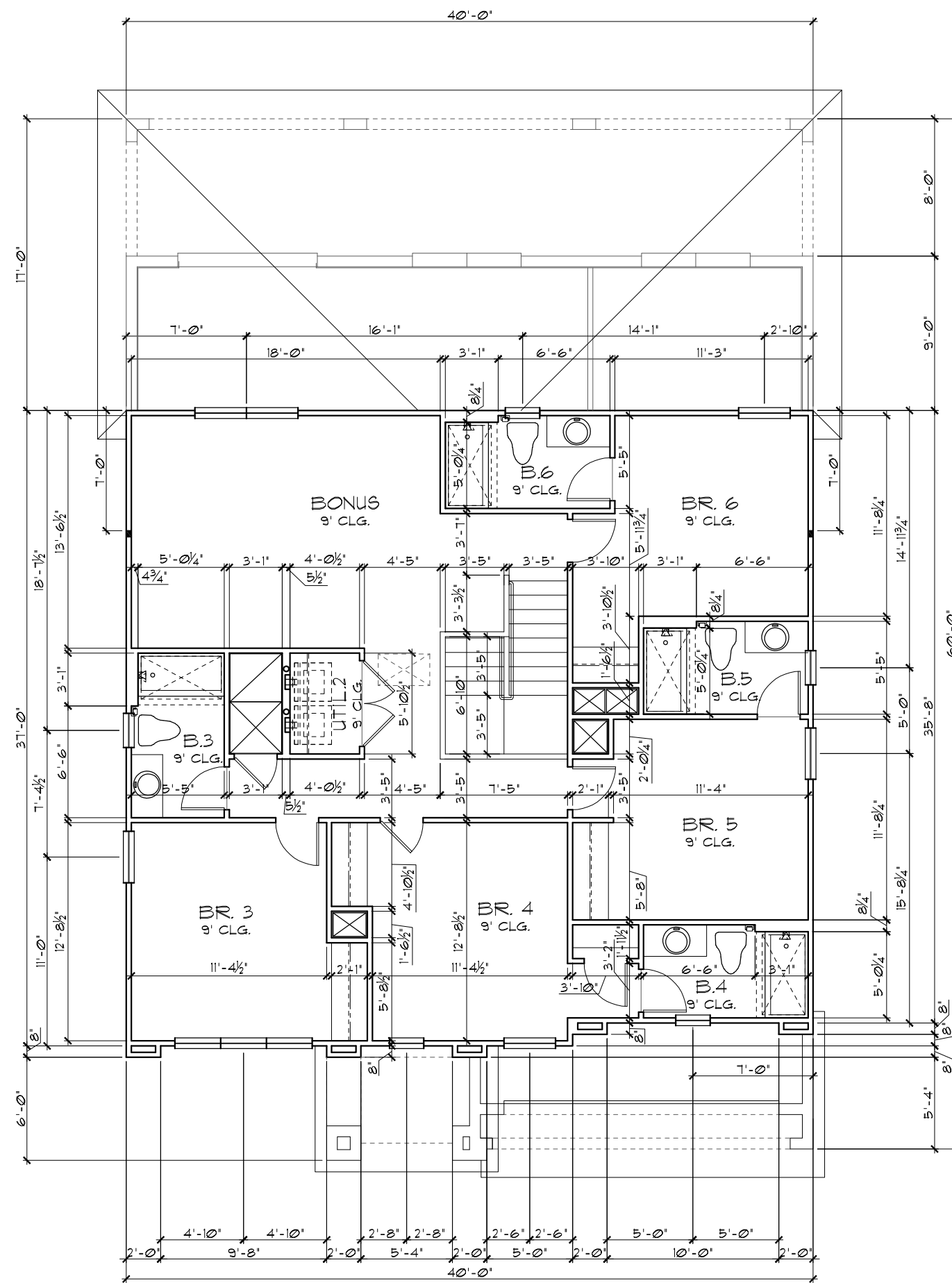
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 10000 South Orange Avenue, Suite 100
 Orange, FL 32837
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 www.iteg.com

- 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 "C"

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



THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 11th EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

LOT: 0000, PARADISO GRANDE

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

AQUAMARINE
PARADISO GRANDE

UPPER FLOOR PLAN W/
DIMENSIONS

Park Square
HOMES

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LOAD INFORMATION
PER 17TH EDITION, 2020 FLORIDA BUILDING RESIDENTIAL CODE

DEAD LOADS

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

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

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

EGRESS WINDOW SCHEDULE - R310.2.1- FBCR2020

SH3050	33 1/2" H. X 30" W.	MIN. NET CLEAR OPENING 5.7 SQFT
SH3050	60 1/8" H. X 35 3/4" W. R.O.	

NOTE:

- ALL EMERGENCY ESCAPE WINDOW SILLS TO BE NOT MORE THAN 44" MIN. AFF. - R310.2 - FBCR (2020)
- WINDOWS SILLS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

PER FBC R301- TABLE R301.5

GUARDRAILS & HANDRAILS	200 PSF
GUARDRAIL IN - FILL COMPONENTS	50 PSF
STAIRS	40 PSF

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

PER FBC R301- TABLE R301.5

GUARDRAILS & HANDRAILS	200 PSF
GUARDRAIL IN - FILL COMPONENTS	50 PSF

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 NEUEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1/2" (12.7MM) BETWEEN THE WALL AND THE HANDRAIL.

WIND INFORMATION
PER 17TH EDITION, 2020 FLORIDA BUILDING RESIDENTIAL CODE

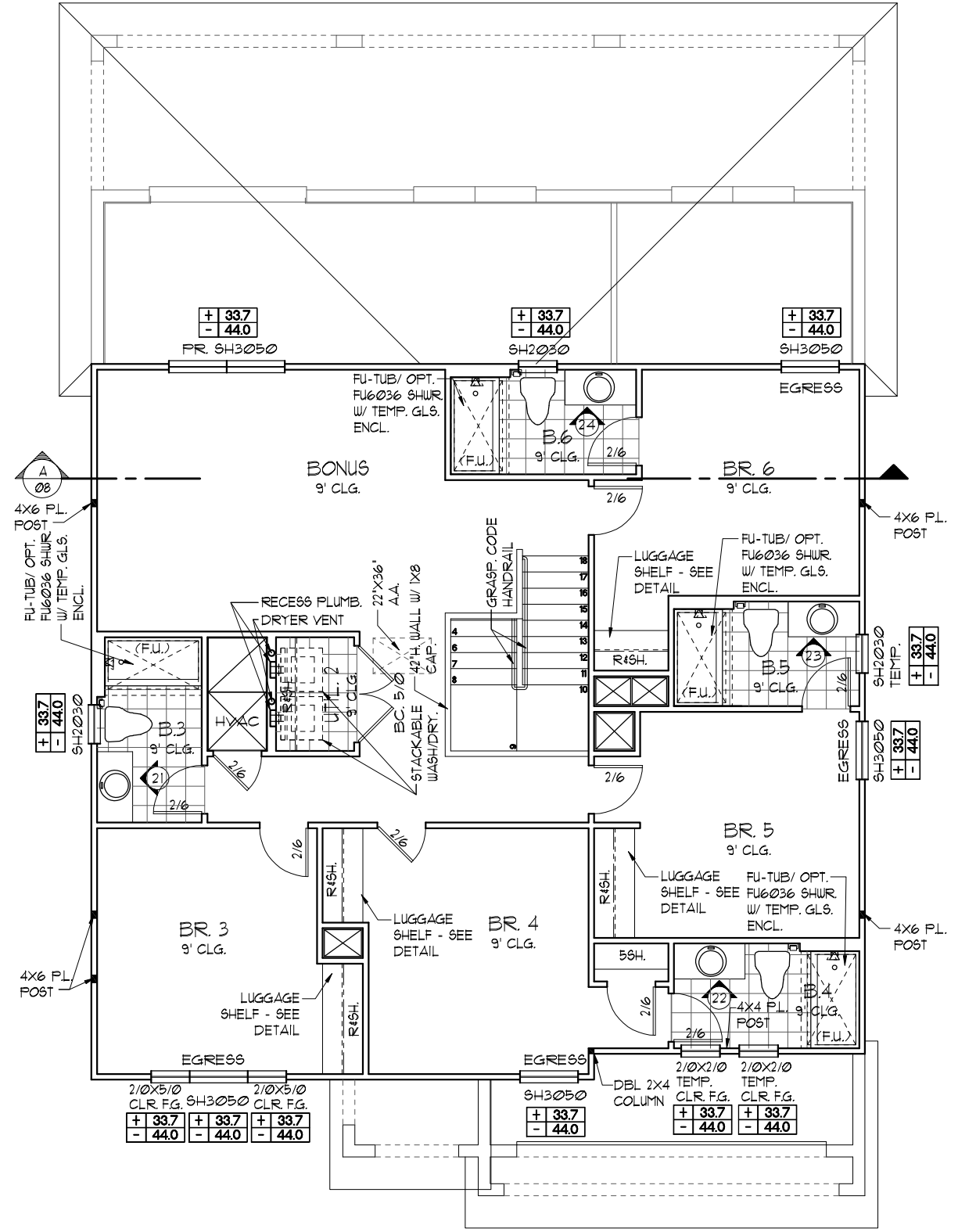
- BASIC WIND SPEED: 140 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: B
- BUILDING TYPE: V B
- ENCLOSURE CLASSIFICATION: +/- 1B, INCLUDED INTERNAL PRESSURE IN NOTE #6 COEFFICIENT:
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:

+ 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. @ 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: 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.

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: 0000, PARADISO GRANDE
THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 17TH EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

PARADISO GRANDE

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Phone: (407) 529-3000

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10000 Lake Nona Blvd., Suite 100
Orlando, FL 32826
Tel: (407) 734-1700
www.iteg.com

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 17TH EDITION, 2020 FLORIDA BUILDING RESIDENTIAL CODE

DEAD LOADS

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

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

EGRESS WINDOW SCHEDULE - R310.2.1- FBCR2020

SH3050	33 1/2" H. X 30" W.	MIN. NET CLEAR OPENING 5.1 SQFT
SH3050	60 1/8" H. X 35 3/4" W. R.O.	

NOTE:

- ALL EMERGENCY ESCAPE WINDOW SILLS TO BE NOT MORE THAN 44" MIN. AFF. - R310.2 - FBCR (2020)
- WINDOWS SILLS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

PER FBC R301- TABLE R301.5

GUARDRAILS & HANDRAILS	200 PSF
GUARDRAIL IN - FILL COMPONENTS	50 PSF
STAIRS	40 PSF

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

PER FBC R301- TABLE R301.5

GUARDRAILS & HANDRAILS	200 PSF
GUARDRAIL IN - FILL COMPONENTS	50 PSF
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 NEVEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1/2" (38" MIN) BETWEEN THE WALL AND THE HANDRAIL.

WIND INFORMATION
PER 17TH EDITION, 2020 FLORIDA BUILDING RESIDENTIAL CODE

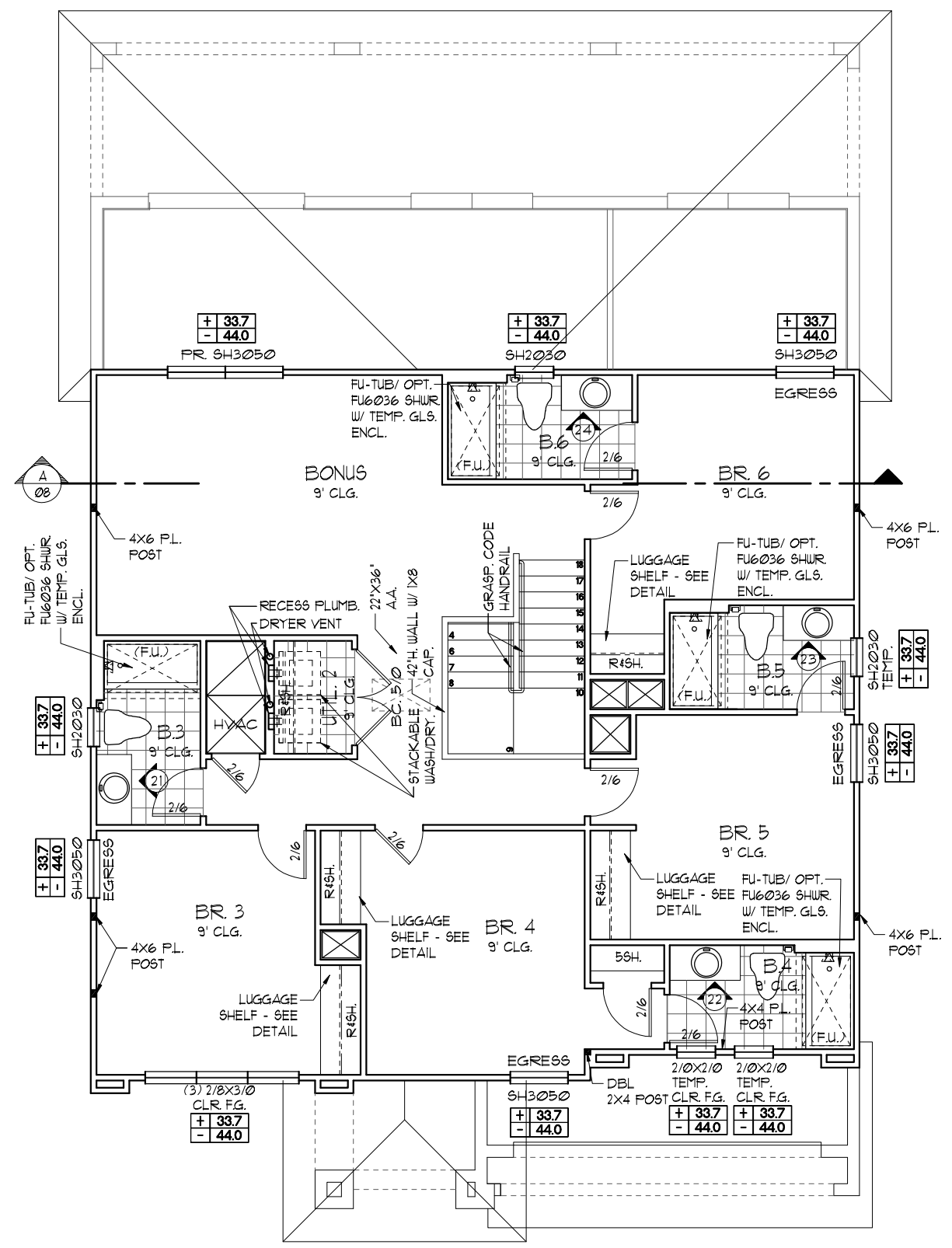
- BASIC WIND SPEED: 140 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: B
- BUILDING TYPE: V B
- ENCLOSURE CLASSIFICATION: +/- 1.0, INCLUDED INTERNAL PRESSURE IN NOTE #6 COEFFICIENT:
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:

+ 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: 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.

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: 0000, PARADISO GRANDE

PARADISO GRANDE
 AQUAMARINE
 PARADISO GRANDE
 FLOOR PLAN W/ NOTES
 2913
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 2913
 SHEET 05B.0
 OF SHEETS

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 Phone: (407) 528-3000

Park Square HOMES

AQUAMARINE
 PARADISO GRANDE

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

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 17TH EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

LOAD INFORMATION
PER 17TH EDITION, 2020 FLORIDA BUILDING RESIDENTIAL CODE

DEAD LOADS

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

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
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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

EGRESS WINDOW SCHEDULE - R310.2.1- FBCR2020

SH3050	33 1/2" H. X 30" W.	MIN. NET CLEAR OPENING 5.1 SQFT
SH3050	60 1/8" H. X 35 3/4" W. R.O.	

NOTE:

- ALL EMERGENCY ESCAPE WINDOW SILLS TO BE NOT MORE THAN 44" MIN. AFF. - R310.2 - FBCR (2020)
- WINDOWS SILLS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

PER FBC R301- TABLE R301.5

GUARDRAILS & HANDRAILS	200 PSF
GUARDRAIL IN - FILL COMPONENTS	50 PSF
STAIRS	40 PSF

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

PER FBC R301- TABLE R301.5

GUARDRAILS & HANDRAILS	200 PSF
GUARDRAIL IN - FILL COMPONENTS	50 PSF

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 R311.1.8.2 - 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 NEVEL 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.

WIND INFORMATION
PER 17TH EDITION, 2020 FLORIDA BUILDING RESIDENTIAL CODE

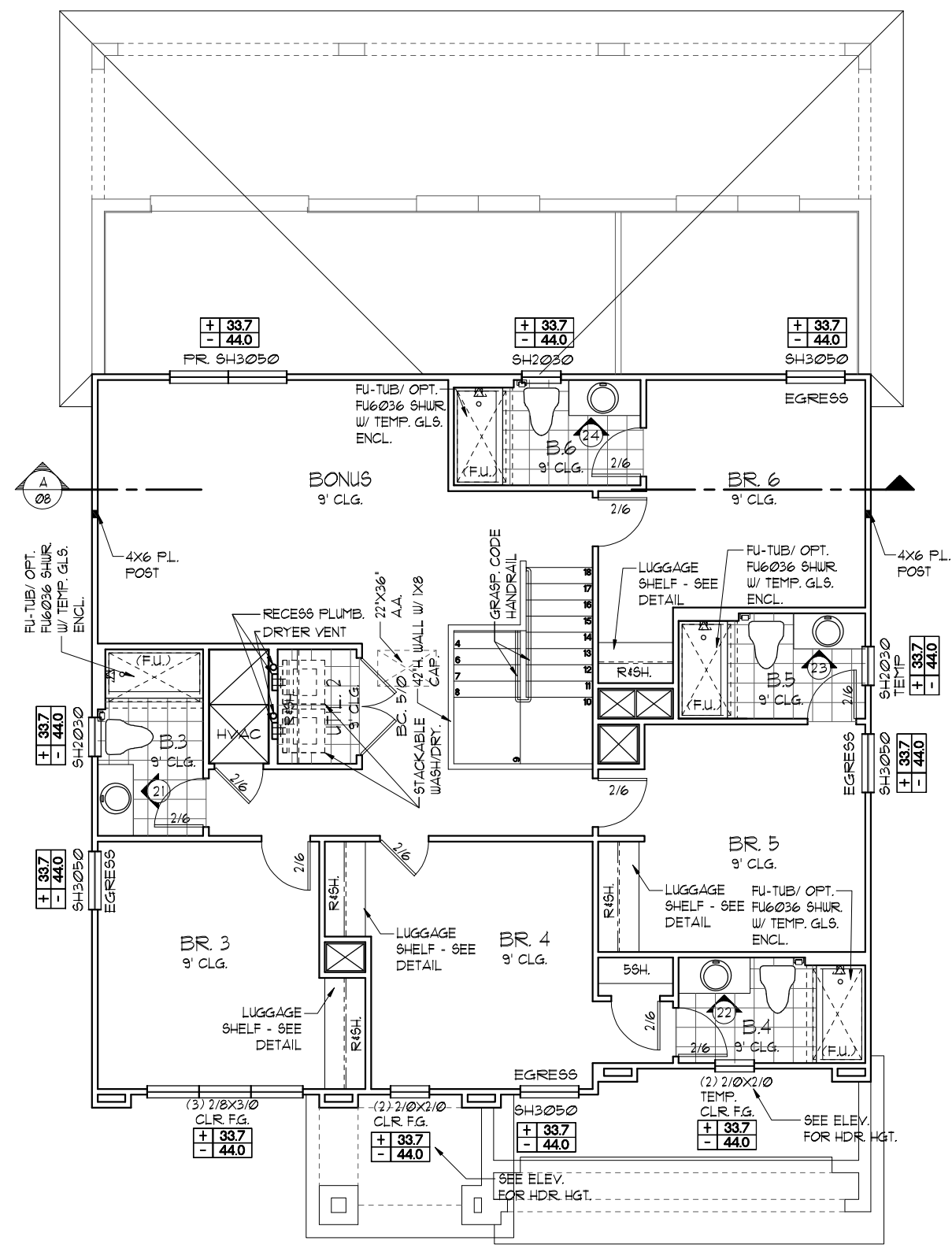
- BASIC WIND SPEED: 140 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: B
- BUILDING TYPE: V B
- ENCLOSURE CLASSIFICATION: +/- 1B, INCLUDED INTERNAL PRESSURE IN NOTE #6 COEFFICIENT:
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:

+ 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.
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 - | | |
|-----------|-------------------------------------|
| [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.

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



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 0000, PARADISO GRANDE

PARADISO GRANDE
 AQUAMARINE
 FLOOR PLAN W/ NOTES
 PARADISO GRANDE
 2913
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 2913
 SHEET 05C.0
 SHEETS

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 17TH EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

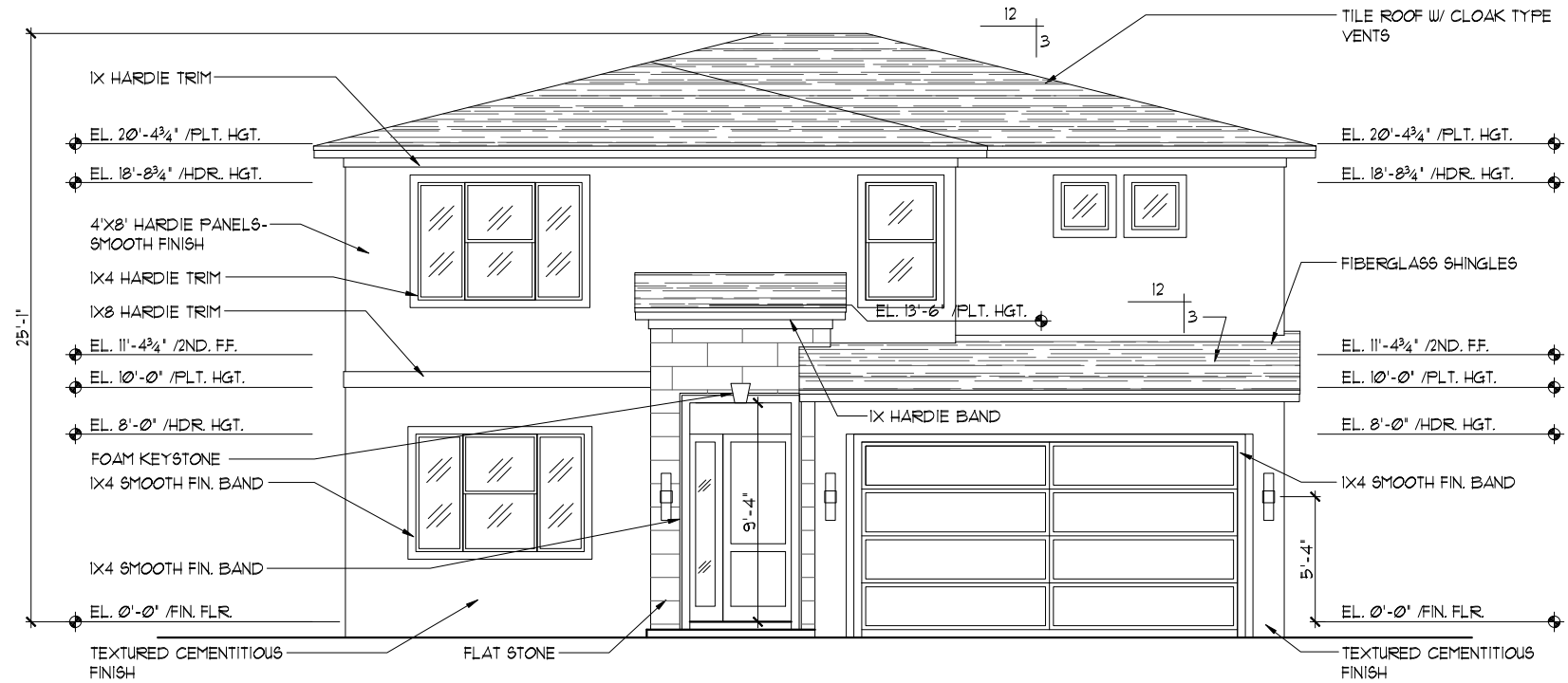
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REVISIONS	BY

EXTERIOR FINISH NOTES

- LATH TO BE ATTACHED IAW R103.1.1 OF THE 11TH EDITION, FBCR 2020
- PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.1.2 OF THE 11TH EDITION, FBCR 2020
- WEEP SCREED TO BE INSTALLED IAW R103.1.2.1 OF THE 11TH EDITION, FBCR 2020
- WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.1.3 OF THE 11TH EDITION, FBCR 2020
- 'ZIP SYSTEMS' WALL AND ROOF SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL AND ROOF SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS AND ROOF.



FRONT ELEVATION "A"

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



REAR ELEVATION

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

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 11TH EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

PARADISO GRANDE

LOT: 0000, PARADISO GRANDE

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A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529-3000		
EXTERIOR ELEVATION "A" FRONT AND REAR		AQUAMARINE PARADISO GRANDE
2913		DATE 04-09-21
SCALE AS NOTED		DRAWN RDC
JOB 2913		SHEET 06A.0
SHEET		OF SHEETS

EXTERIOR FINISH NOTES

- LATH TO BE ATTACHED IAW R103.1.1 OF THE 11TH EDITION, FBCR 2020
- PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.1.2 OF THE 11TH EDITION, FBCR 2020
- WEEP SCREED TO BE INSTALLED IAW R103.1.2.1 OF THE 11TH EDITION, FBCR 2020
- WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.1.3 OF THE 11TH EDITION, FBCR 2020
- 'ZIP SYSTEMS' WALL AND ROOF SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL AND ROOF SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS AND ROOF.



FRONT ELEVATION "B"

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



REAR ELEVATION

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

PARADISO GRANDE

LOT: 0000, PARADISO GRANDE

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Park Square HOMES

REVISIONS	BY

EXTERIOR ELEVATION "B" FRONT AND REAR

AQUAMARINE

PARADISO GRANDE

2913

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET

06B.0

OF SHEETS

EXTERIOR FINISH NOTES

- LATH TO BE ATTACHED IAW R103.1.1 OF THE 11TH EDITION, FBCR 2020
- PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.1.2 OF THE 11TH EDITION, FBCR 2020
- WEEP SCREED TO BE INSTALLED IAW R103.1.2.1 OF THE 11TH EDITION, FBCR 2020
- WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.1.3 OF THE 11TH EDITION, FBCR 2020
- 'ZIP SYSTEMS' WALL AND ROOF SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL AND ROOF SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS AND ROOF.



FRONT ELEVATION "C"

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



REAR ELEVATION

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

PARADISO GRANDE

LOT: 0000, PARADISO GRANDE

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 11th EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

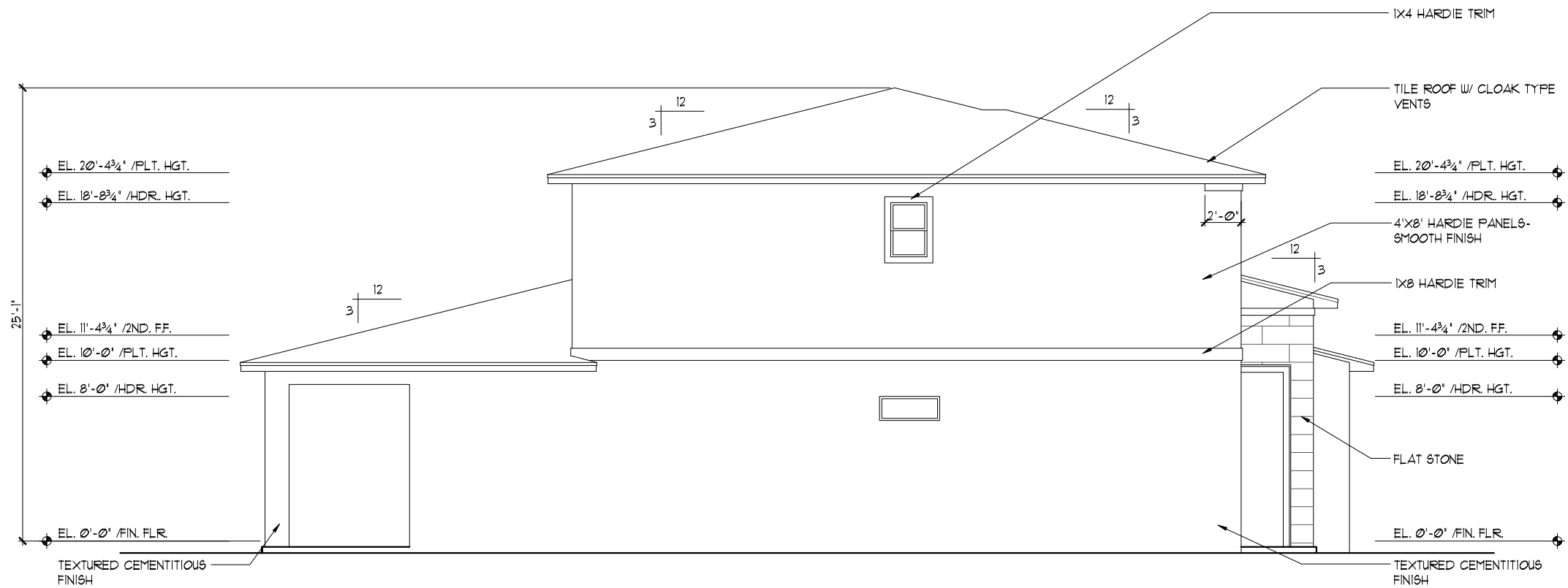
AQUAMARINE
 PARADISO GRANDE
 2913
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 2913
 SHEET 06C OF 0 SHEETS
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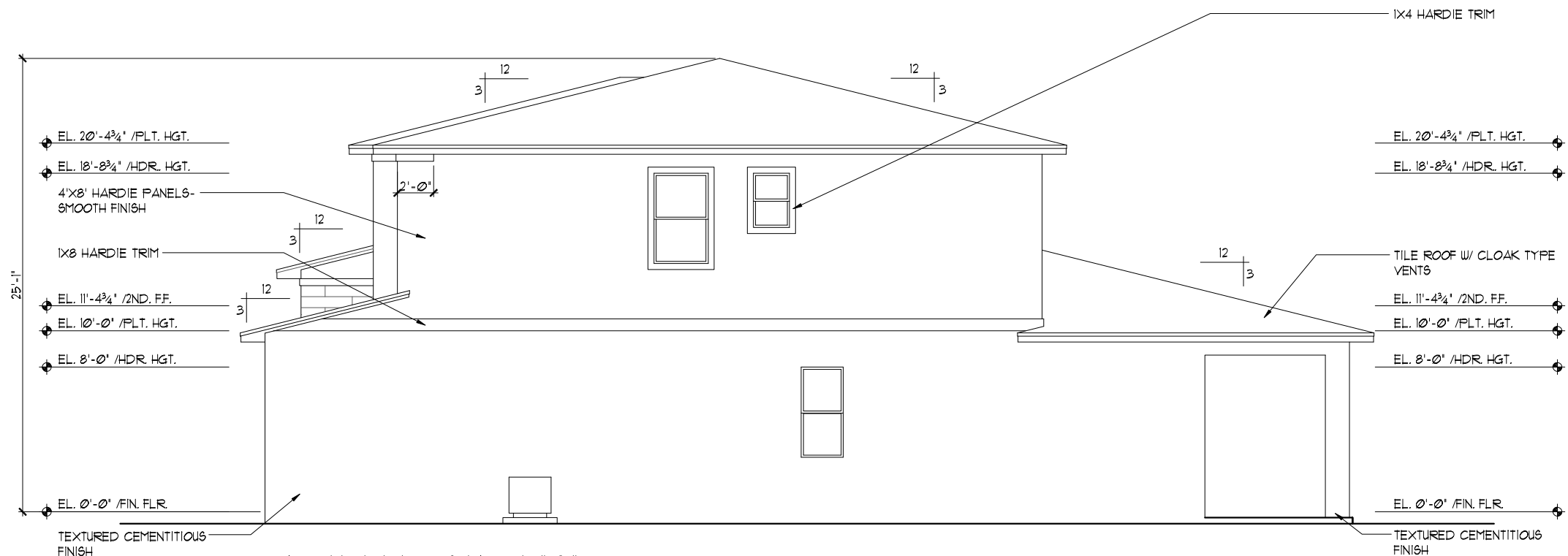
EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R103.1.1 OF THE 11TH EDITION, FBCR 2020
2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.1.2 OF THE 11TH EDITION, FBCR 2020
3. WEEP SCREED TO BE INSTALLED IAW R103.1.2.1 OF THE 11TH EDITION, FBCR 2020
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.1.3 OF THE 11TH EDITION, FBCR 2020
5. 'ZIP SYSTEMS' WALL AND ROOF SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL AND ROOF SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS AND ROOF.



LEFT ELEVATION "A"

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



RIGHT ELEVATION "A"

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

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 11TH EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

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Orlando, Florida, 32811
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Exterior Elevation "A" Left and Right

AQUAMARINE

PARADISO GRANDE

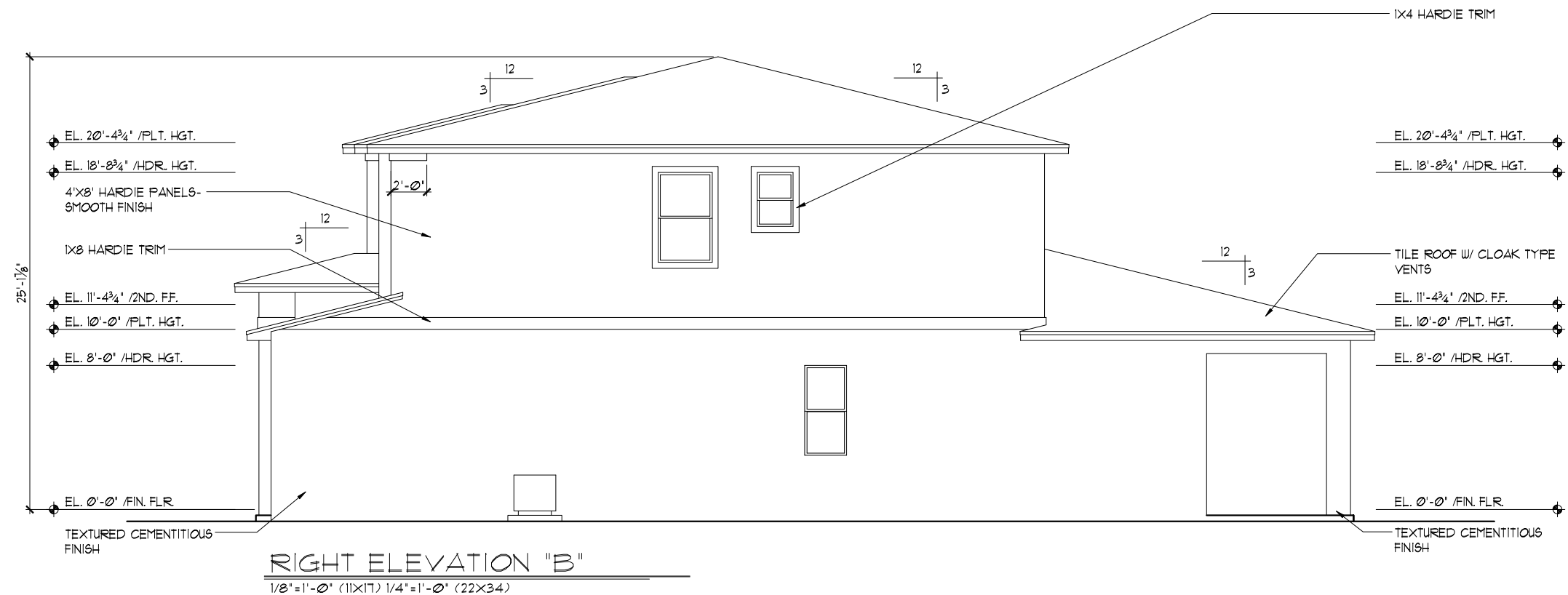
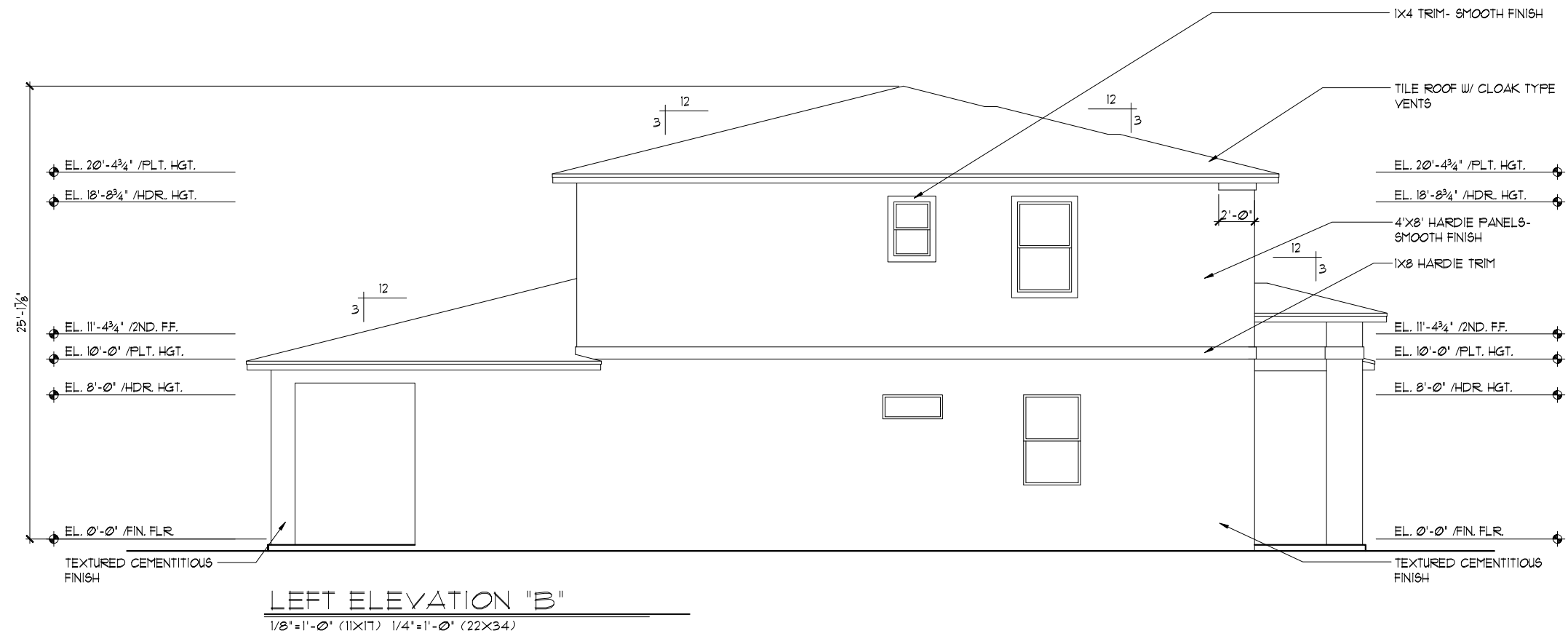
REVISIONS	BY

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 THOMPSON ENGINEERING GROUP, INC.
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 Fax: (407) 734-1700
 www.iteg.com

Park Square HOMES

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

- EXTERIOR FINISH NOTES**
- LATH TO BE ATTACHED IAW R103.1.1 OF THE 11TH EDITION, FBCR 2020
 - PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.1.2 OF THE 11TH EDITION, FBCR 2020
 - WEEP SCREED TO BE INSTALLED IAW R103.1.2.1 OF THE 11TH EDITION, FBCR 2020
 - WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.1.3 OF THE 11TH EDITION, FBCR 2020
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PARADISO GRANDE

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EXTERIOR ELEVATION "B" LEFT AND RIGHT

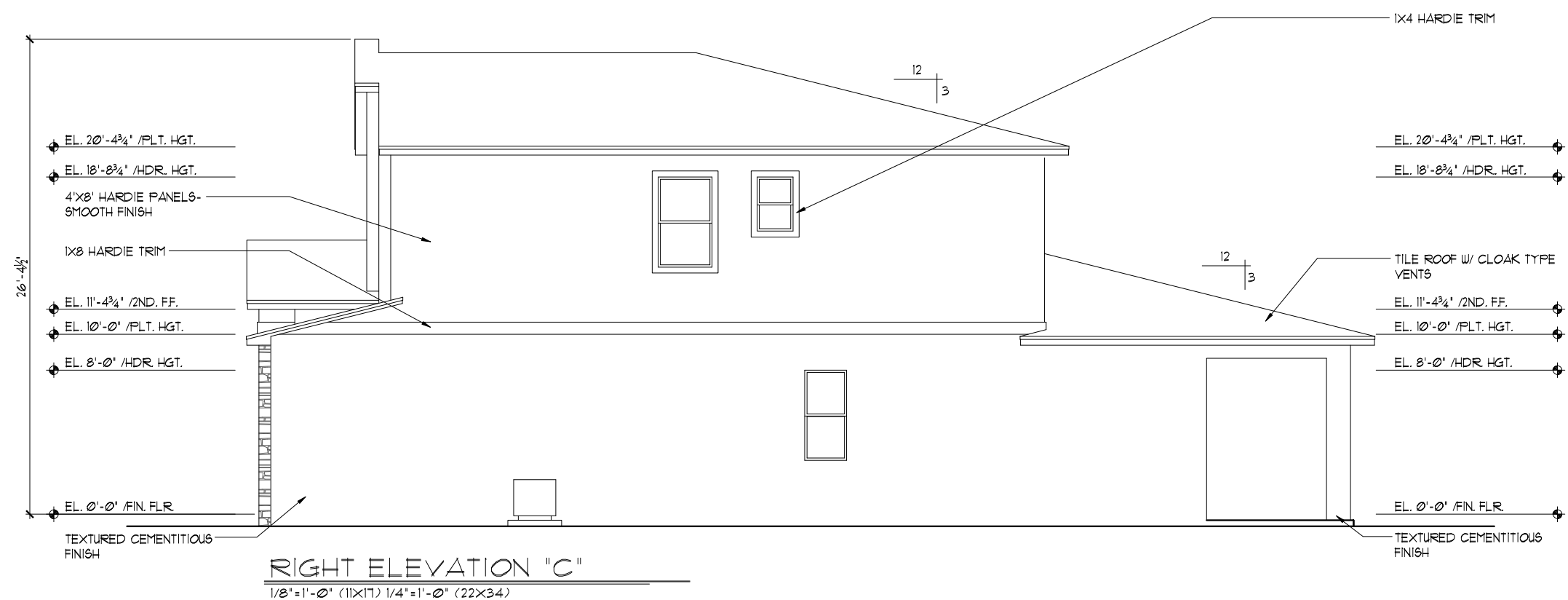
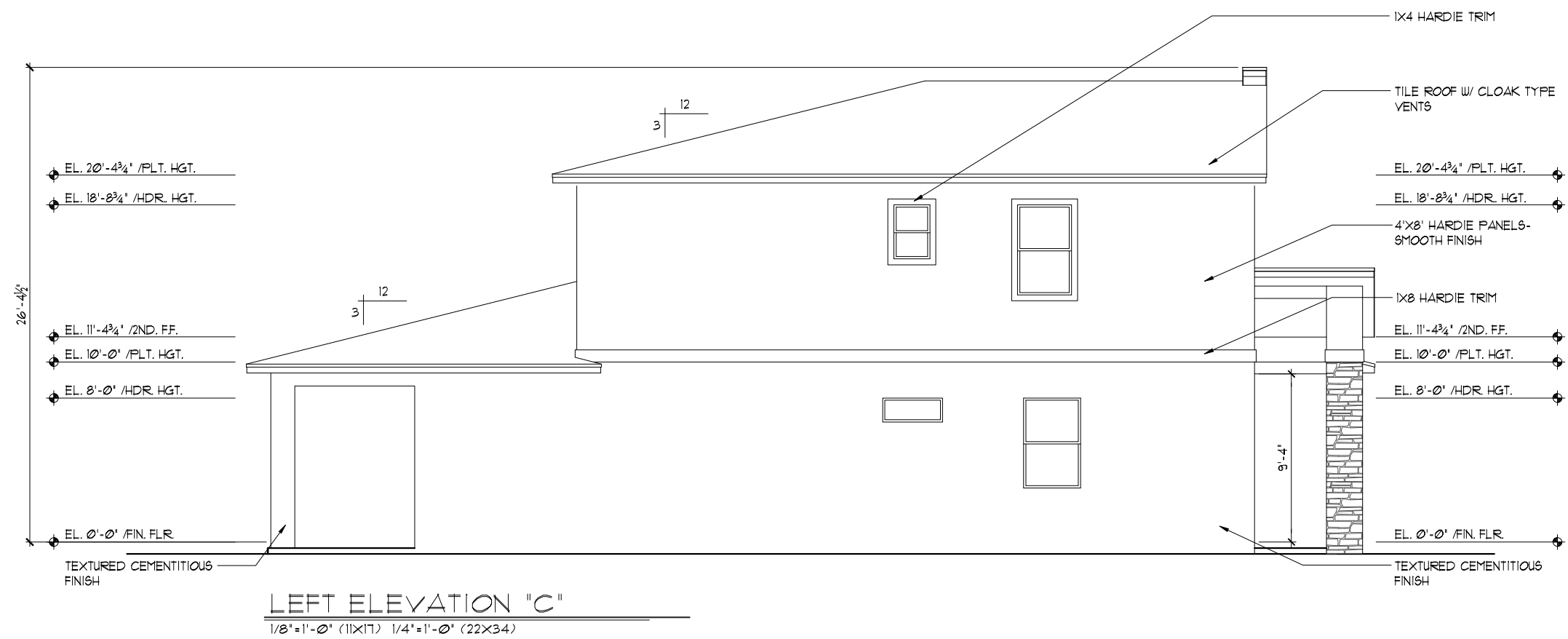
AQUAMARINE PARADISO GRANDE

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

REVISIONS	BY

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 Orange, FL 32837
 Tel: (407) 734-1400
 Fax: (407) 734-1700
 www.iteg.com

- EXTERIOR FINISH NOTES**
- LATH TO BE ATTACHED IAW R103.1.1 OF THE 11TH EDITION, FBCR 2020
 - PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.1.2 OF THE 11TH EDITION, FBCR 2020
 - WEEP SCREED TO BE INSTALLED IAW R103.1.2.1 OF THE 11TH EDITION, FBCR 2020
 - WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.1.3 OF THE 11TH EDITION, FBCR 2020
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 Orlando, Florida, 32811
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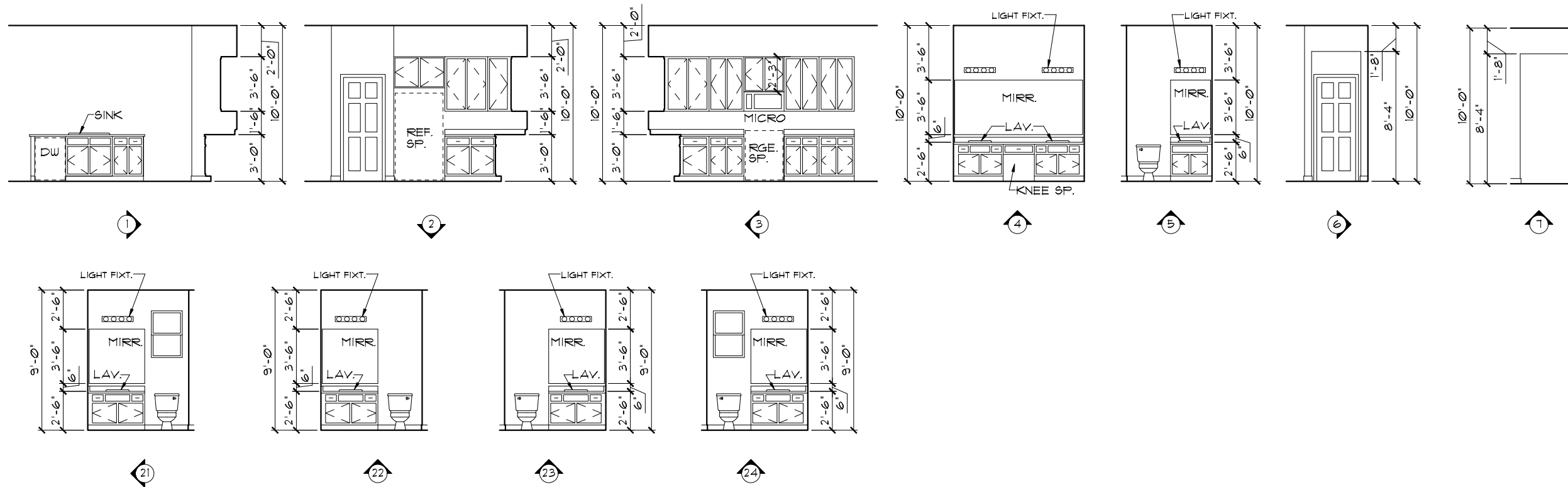
EXTERIOR ELEVATION "C" LEFT AND RIGHT

AQUAMARINE PARADISO GRANDE

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

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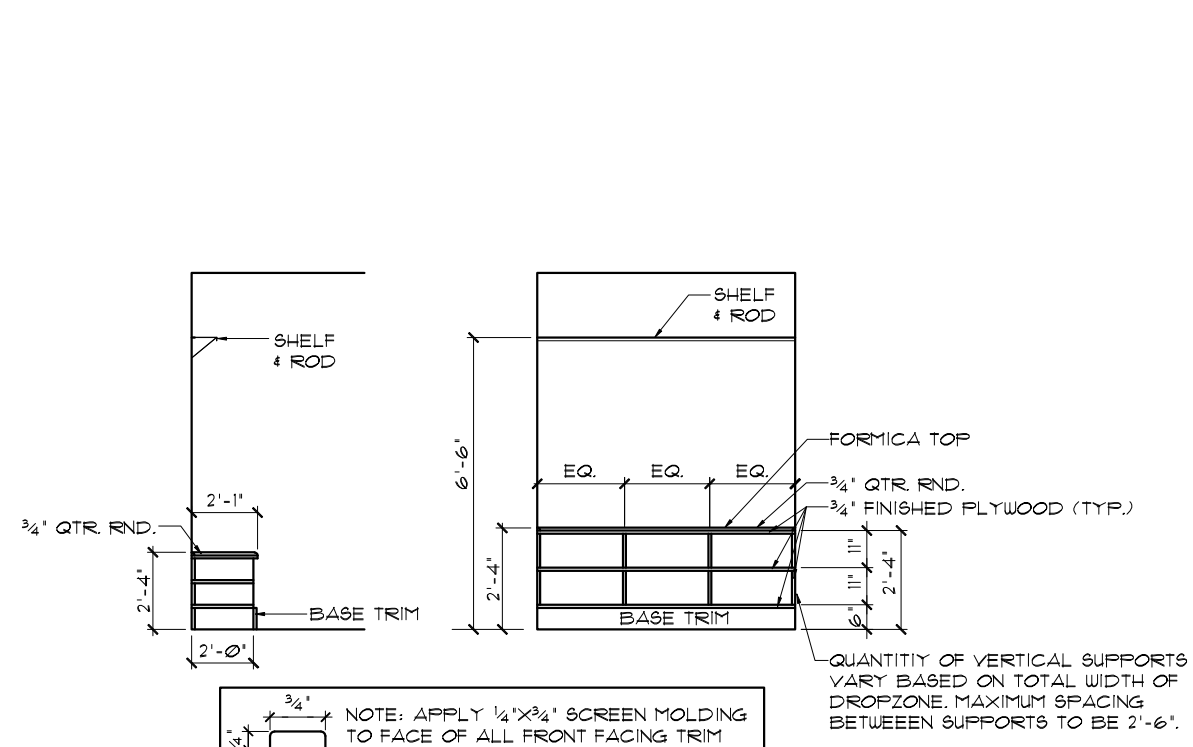
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 10000 South Orange Avenue, Suite 100
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 Fax: (407) 734-1790
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INTERIOR ELEVATIONS

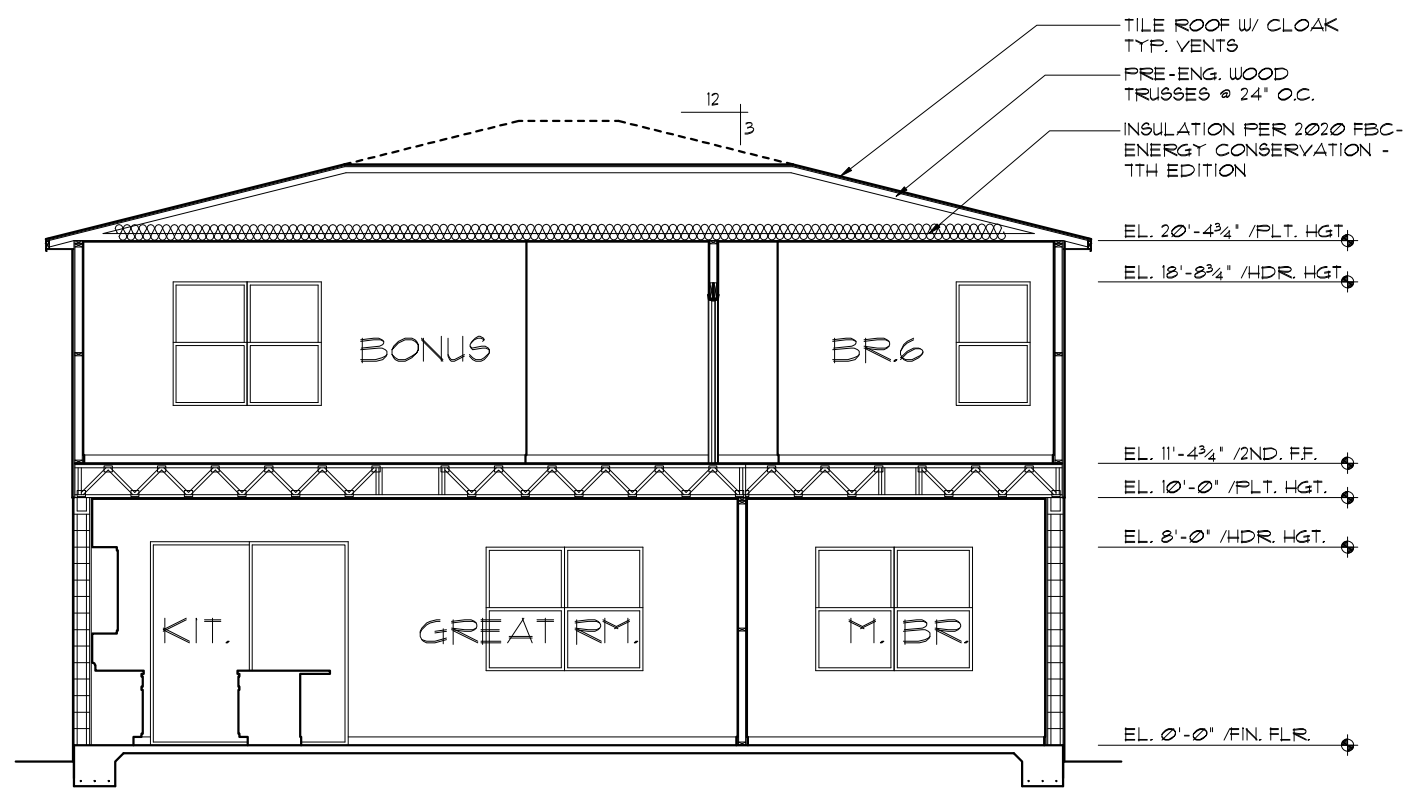
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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)

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 1st EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

LOT: 0000, PARADISO GRANDE

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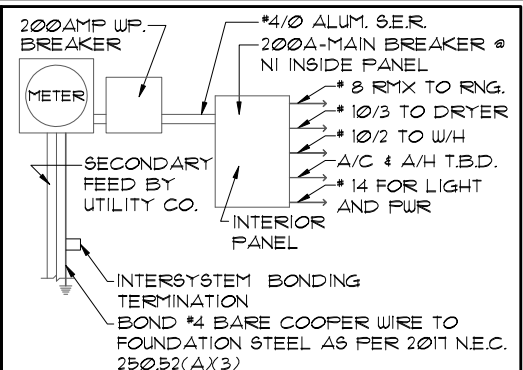
Park Square HOMES

CROSS SECTION / INTERIOR ELEVATIONS

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

MECHANICAL/GENERAL NOTES

- PER 11TH ED. 2020 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 2020 11TH 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 2020 11TH EDITION.
 - 4.) IAW NEC 2017- 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 2017- 406.12, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.
 - 6.) ALL OUTLETS IN BATHROOMS 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 2020, 11TH ED. P2801.1
 - 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 2020, 11TH ED.
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 - 11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA70-NEC 2017
 - 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-NEC2017 - ARTICLE 210-52



ELECTRICAL RISER DIAGRAM

NOTE: N.T.S.
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.

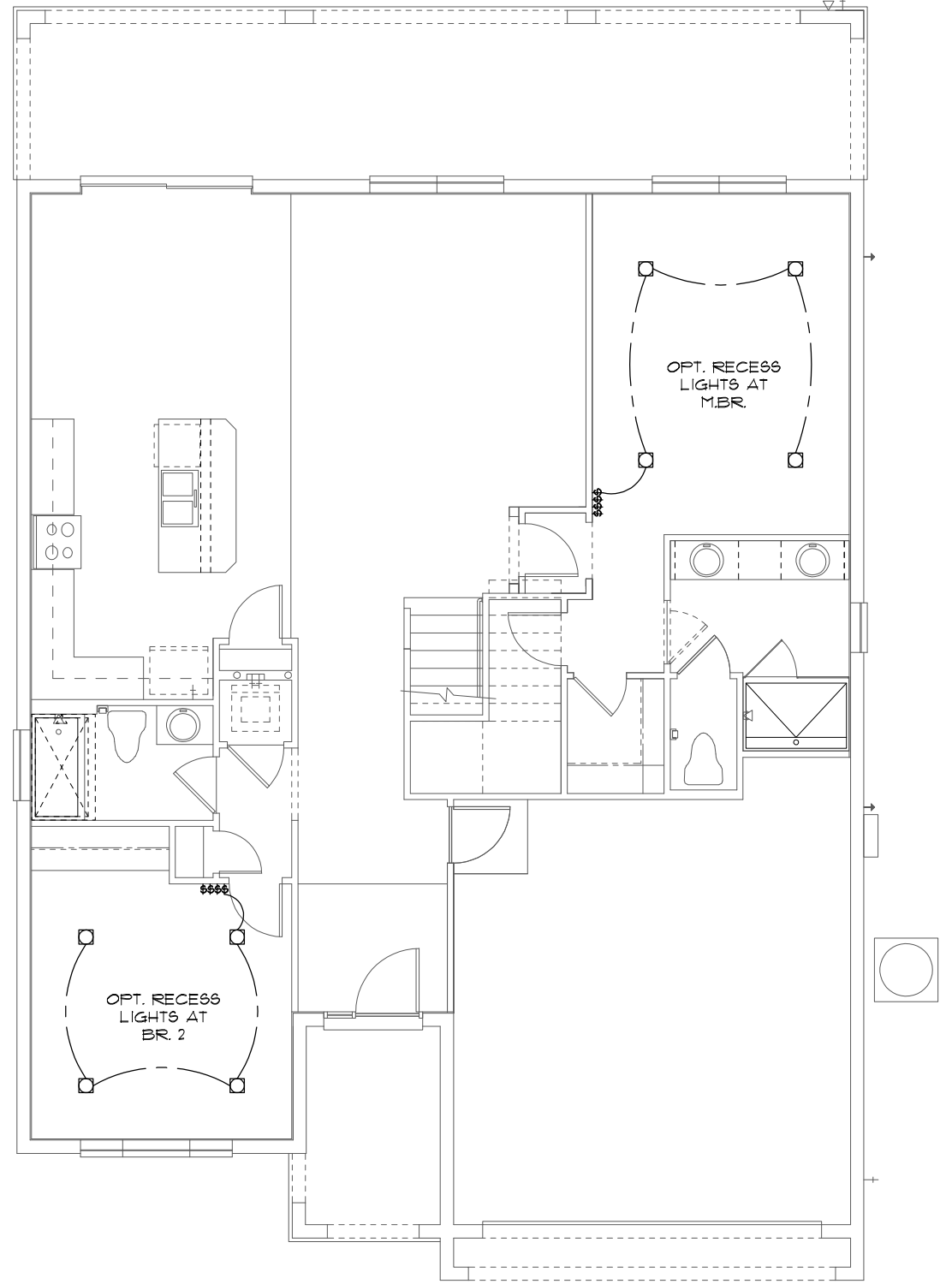
NOTE: IF MORE THAN 12 SMOKE ALARMS OR CARBON MONOXIDE ALARM COMBINATION ARE INSTALLED IN THE HOME CRIME PREVENTION WILL PULL A SEPARATE FIRE PERMIT AND THE SYSTEM WILL BE MONITORED

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
Ⓢ	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)

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LOT: 0000, PARADISO GRANDE

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

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 ORLANDO, FLORIDA 32811
 PHONE: (407) 529-3000

Park Square HOMES
 ELECTRICAL PLAN

REVISIONS BY

MECHANICAL/GENERAL NOTES

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 - 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 2020, 11TH ED.
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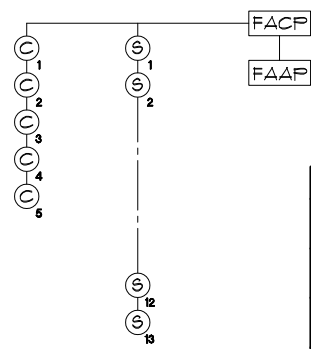
There are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than 1/2 inch in diameter and at least 20 ft. long, encased in 2 inches of concrete; (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.

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.

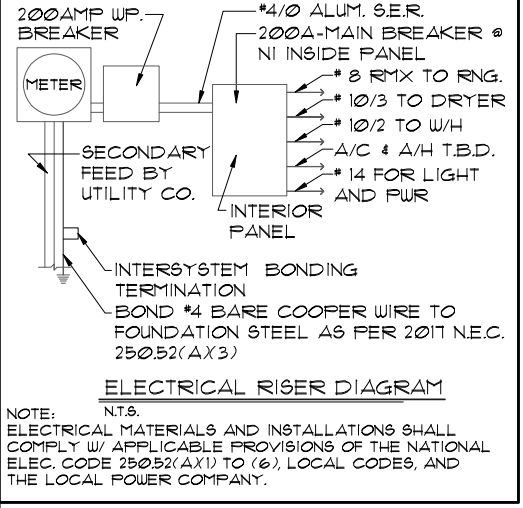
Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings 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 2017 CODE REQUIREMENTS

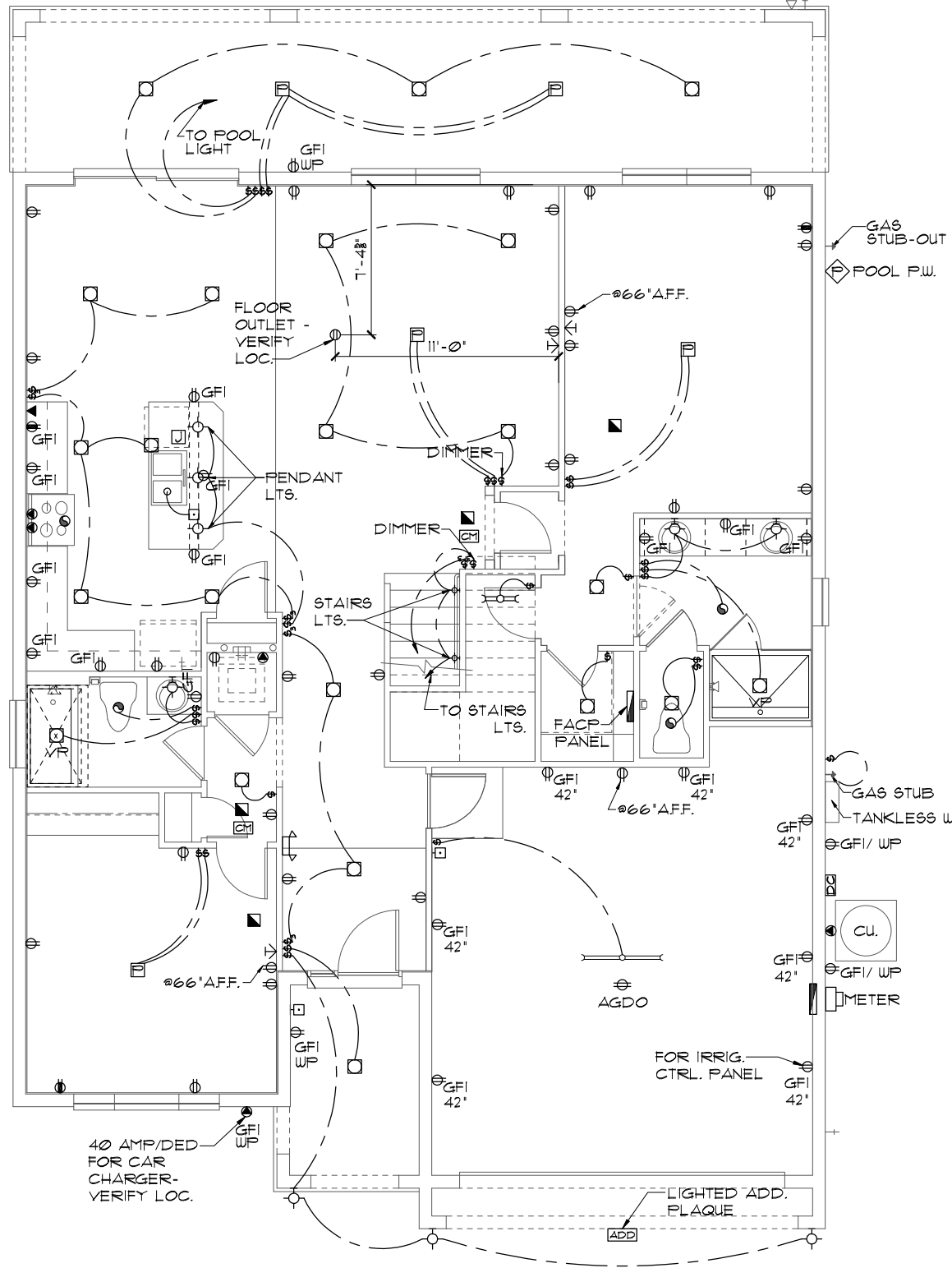
RISER DIAGRAM



LEGEND	
[FACP]	CONTROL PANEL
[FAAP]	ANNUNCIATOR
[C]	CARBON MONOXIDE DETECTOR
[S]	SMOKE DETECTOR



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.



ELECTRICAL LEGEND

[S]	SINGLE POLE SWITCH	[←]	OUTLET, TV/CABLE
[3S]	THREE WAY SWITCH	[←]	OUTLET, PHONE
[O]	OUTLET 110-115	[□]	INTERCOM
[O]	OUT. 110-115, SPLIT WIRED	[□]	CHIMES
[O]	OUT. 110-115, W/ USB	[□]	SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE
[O]	OUT. 110-115, CLG. MOUNT.	[□]	CARBON MONOXIDE
[O]	OUT. 110-115, FLR. MOUNT.	[□]	PUSH BUTTON
[O]	SFCL. PURPOSE 220-240	[□]	EXHAUST FAN
[O]	LIGHT FIXT., CLG. MTD.	[□]	EX. FAN/LIGHT COMBO
[O]	LIGHT FIXT., WALL MTD.	[□]	DISPOSAL
[O]	LED LIGHT FIXT., RECESSED	[□]	ELECTRICAL PANEL
[O]	LIGHT FIXT., REC. ADJUST.	[□]	CEILING FAN, PREWIRE
[O]	LIGHT FIXT., FULL CHAIN	[□]	CEILING FAN, INSTALL
[O]	LED LIGHT FIXT., FLUORESCENT	[□]	ELECT. JUNCTION BOX
[O]	LIGHT FIXT., EXT. FLOODS	[□]	THERMOSTAT
[O]	LIGHT FIXT., EMERG. EXIT	[□]	DISCONNECT SWITCH
[O]	LIGHT FIXT., EXIT/BACKUP	[□]	ELEC. POWER METER

ELECTRICAL PLAN "A"

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

LOT: 0000, PARADISO GRANDE
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PARADISO GRANDE
 AQUAMARINE
 2913
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 2913
 SHEET 09A.0
 OF SHEETS

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MECHANICAL/GENERAL NOTES
PER 11TH ED. 2020 FLA BLD. CODE-RESIDENTIAL

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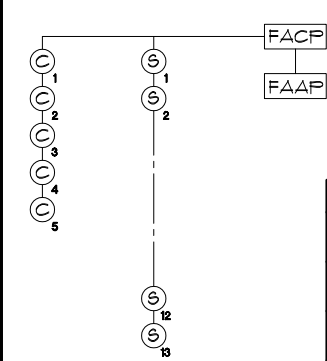
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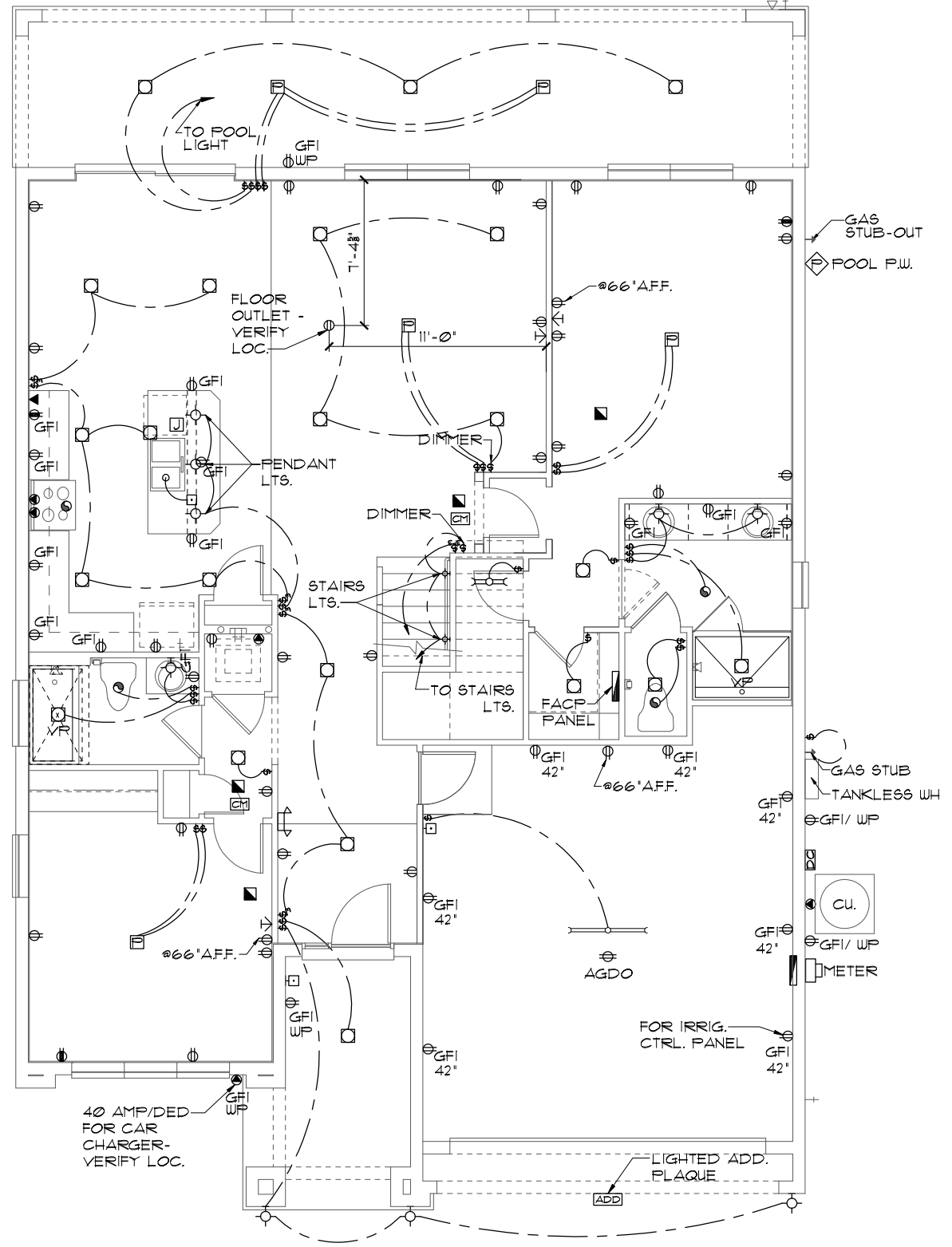
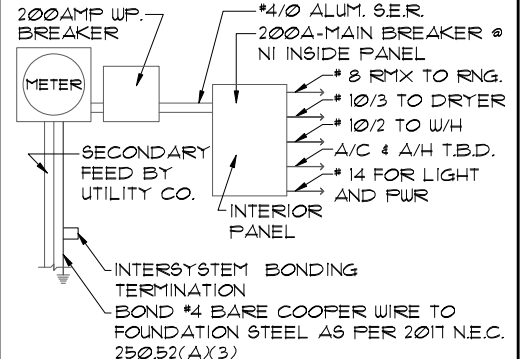
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RISER DIAGRAM



LEGEND	
FACP	CONTROL PANEL
FAAP	ANNUNCIATOR
C	CARBON MONOXIDE DETECTOR
S	SMOKE DETECTOR



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., PULL 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 "B"

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

LOT: 0000, PARADISO GRANDE
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AQUAMARINE
 PARADISO GRANDE
 2913
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 OF SHEETS

PARADISO GRANDE
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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 2020 11TH EDITION.

4.) IAW NEC 2017- 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, DEN'S, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.

5.) IAW NEC 2017- 406.12, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.

6.) ALL OUTLETS IN BATHROOMS 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.

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 2020, 11TH ED. P2801.7

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 2020, 11TH 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 2017

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-NEC2017 - ARTICLE 210-52

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

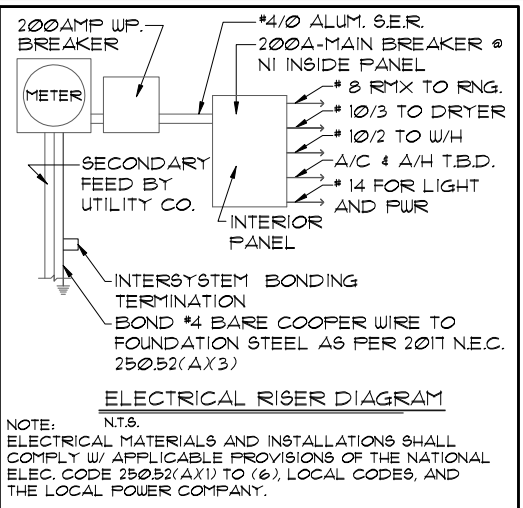
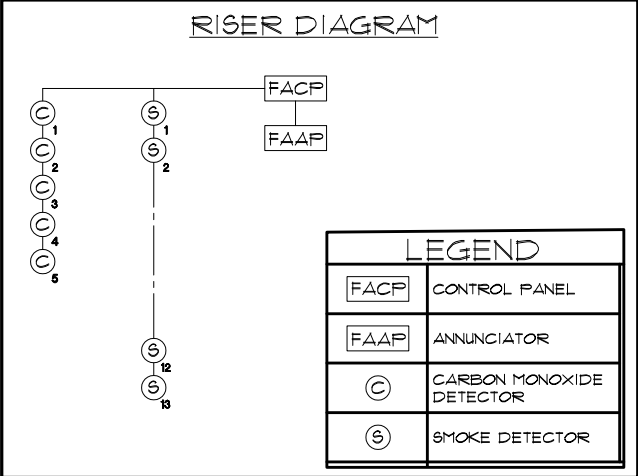
Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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.

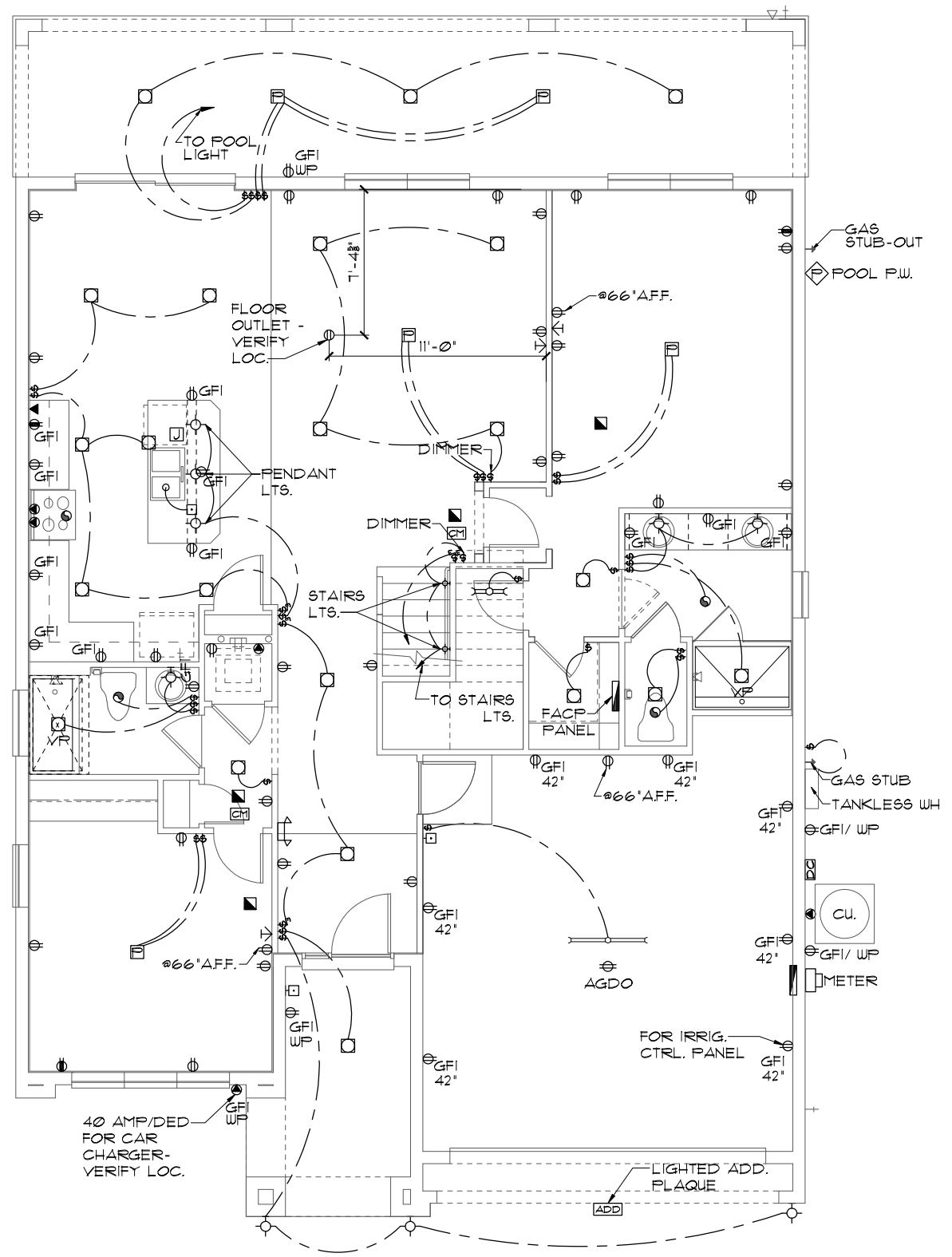
The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated with non-conductive material.

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 2017 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 "C"
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 11TH EDITION, 2020 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 09C.0
 OF SHEETS

ITEG
 ITC ENGINEERING GROUP, INC.
 5200 Vineland Road, Suite 200
 Orlando, Florida 32811
 Phone: (407) 734-1790
 www.iteg.com

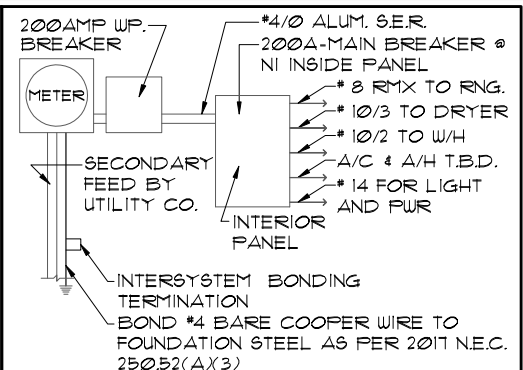
A DIVISION OF PARK SQUARE ENTERPRISES, INC.
Park Square HOMES
 5200 Vineland Road, Suite 200
 Orlando, Florida 32811
 Phone: (407) 529-3000

ELECTRICAL PLAN

REVISIONS BY

MECHANICAL/GENERAL NOTES
PER 11TH ED. 2020 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 2020 11TH 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 2020 11TH EDITION.
- 4.) IAW NEC 2017- 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, DEN'S, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.
- 5.) IAW NEC 2017- 406.12, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.
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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 2020, 11TH ED. P2801.1
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- 11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA70-NEC 2017
- 12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A2)
- 12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2017 - 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.

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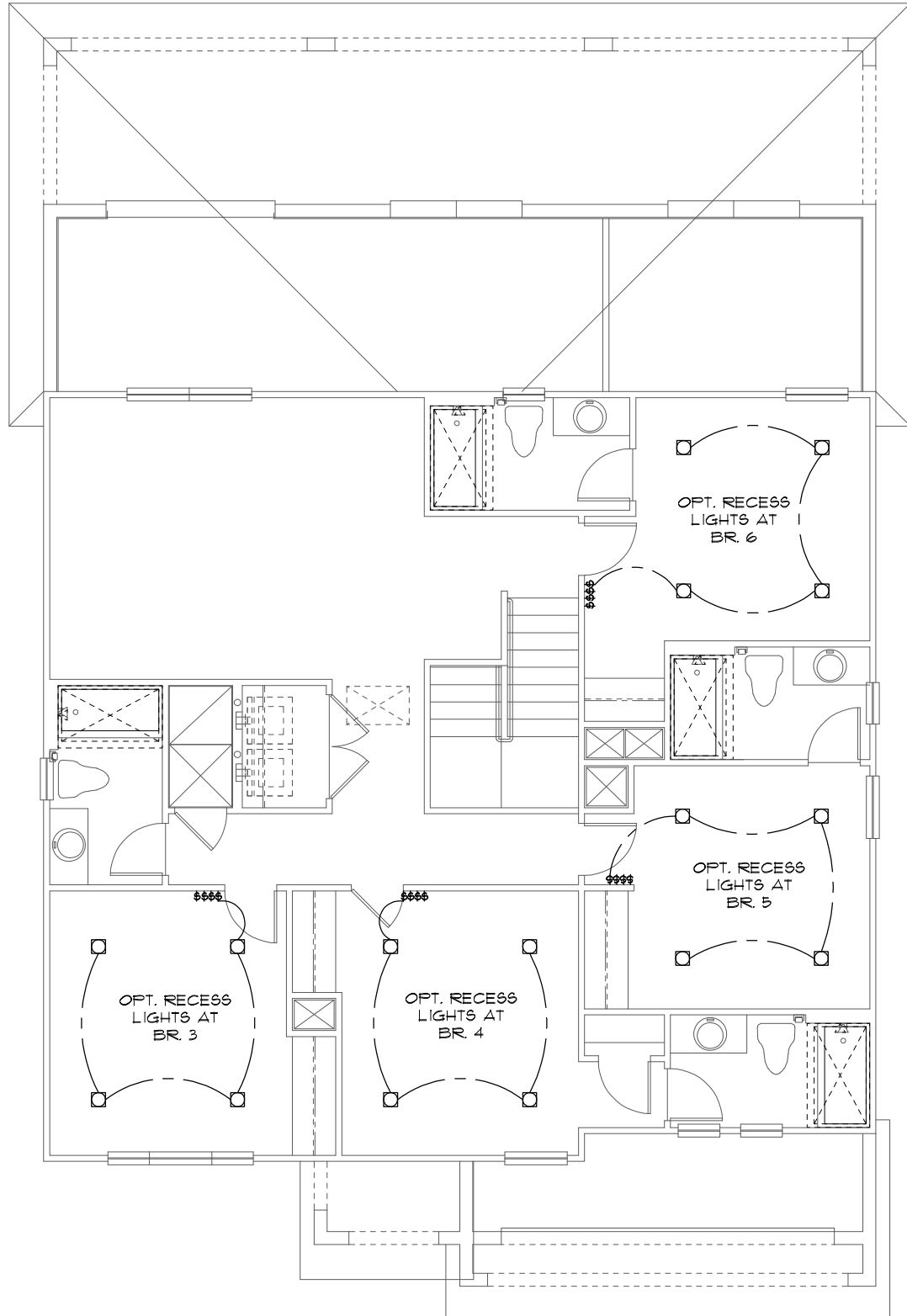
NOTE: IF MORE THAN 12 SMOKE ALARMS OR CARBON MONOXIDE ALARM COMBINATION ARE INSTALLED IN THE HOME CRIME PREVENTION WILL PULL A SEPARATE FIRE PERMIT AND THE SYSTEM WILL BE MONITORED

ELECTRICAL LEGEND

⊕	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊕	THREE WAY SWITCH	◀	OUTLET, PHONE
⊕	OUTLET 110-115	◻	INTERCOM
⊕	OUT. 110-115, SPLIT WIRED	◻	CHIMES
⊕	OUT. 110-115, W/ USB	◻	SMOKE DETECTOR
⊕	OUT. 110-115, CLG. MOUNT.	◻	CARBON MONOXIDE
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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)

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LOT: 0000, PARADISO GRANDE

AQUAMARINE

ELECTRICAL PLAN

PARADISO GRANDE

2913

REVISIONS	BY
A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529-3000	
DATE	04-09-21
SCALE	AS NOTED
DRAWN	RDC
JOB	2913
SHEET	10.0
OF	SHEETS

MECHANICAL/GENERAL NOTES

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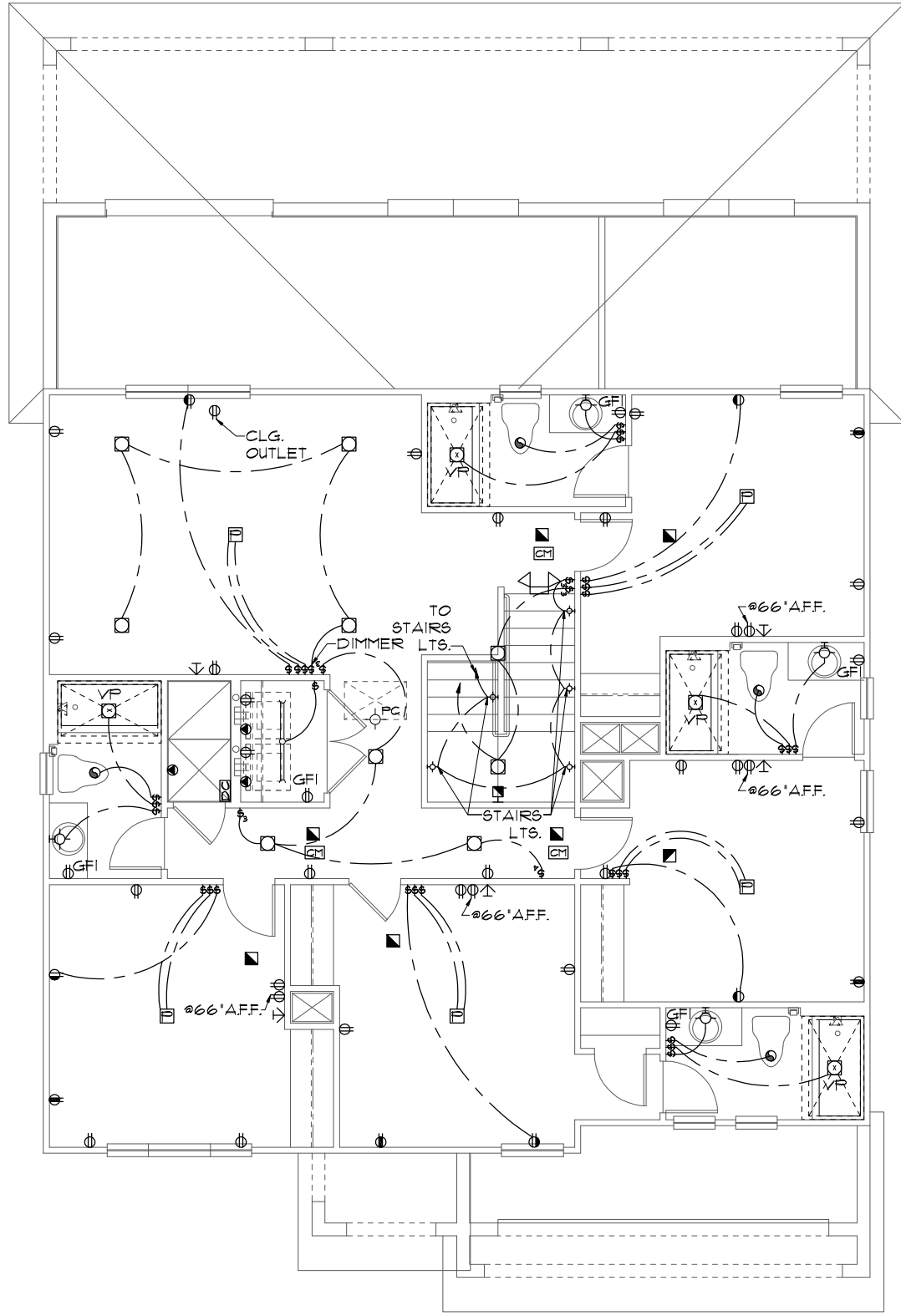
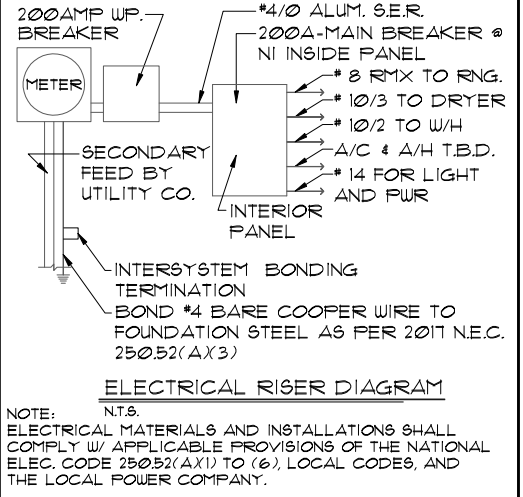
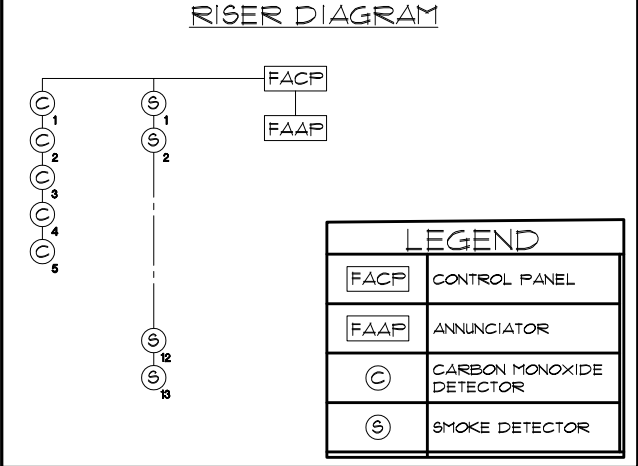
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ELECTRICAL LEGEND

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⊞	OUTLET 110-115	◻	INTERCOM
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⊞	LIGHT FIXT. CLG. MTD.	⊞	EX. FAN/LIGHT COMBO
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⊞	LED LIGHT FIXT. RECESSED	⊞	ELECTRICAL PANEL
⊞	LIGHT FIXT. REC. ADJUST.	⊞	CEILING FAN, PREWIRE
⊞	LIGHT FIXT. PULL CHAIN	⊞	CEILING FAN, INSTALL
⊞	LED LIGHT FIXT. FLUORESCENT	⊞	ELECT. JUNCTION BOX
⊞	LIGHT FIXT. EXT. FLOODS	⊞	THERMOSTAT
⊞	EXIT 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)

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LOT: 0000, PARADISO GRANDE
 AQUAMARINE
 PARADISO GRANDE

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

ITEG
 INDEPENDENT ENGINEERING GROUP, INC.
 10000 W. US HWY 19, SUITE 100
 PALM BEACH GARDENS, FL 33411
 PH: (561) 734-1400
 WWW.ITEG.COM

ELECTRICAL PLAN

2913
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 2913
 SHEET 10A.0
 OF SHEETS

MECHANICAL/GENERAL NOTES

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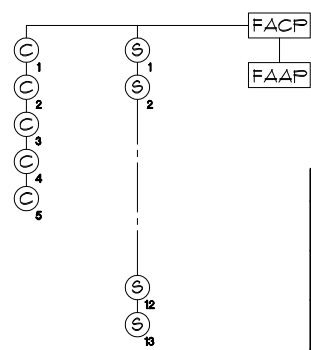
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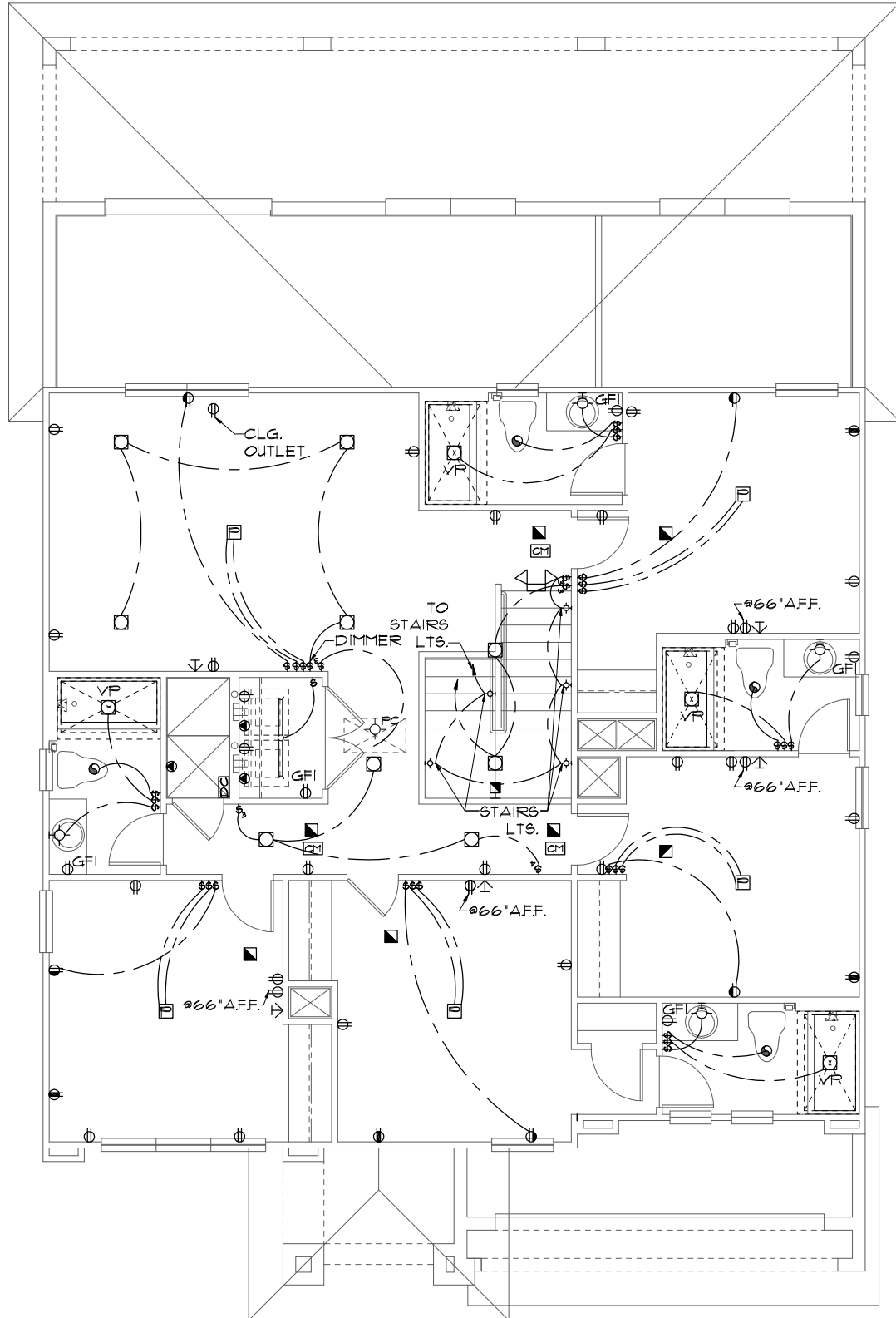
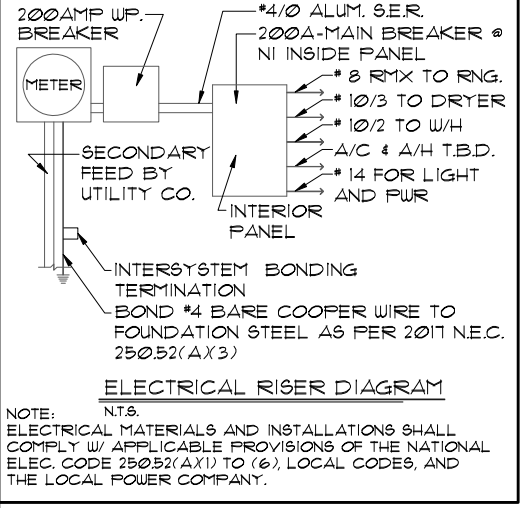
Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings 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 2017 CODE REQUIREMENTS

RISER DIAGRAM



LEGEND	
FACP	CONTROL PANEL
FAAP	ANNUNCIATOR
C	CARBON MONOXIDE DETECTOR
S	SMOKE DETECTOR



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
⊞	EXIT LIGHT FIXT., EMERG. EXIT	⊞	DISCONNECT SWITCH
⊞	LIGHT FIXT., EXIT/BACKUP	⊞	ELEC. POWER METER

UPPER ELECTRICAL PLAN "B"

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

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 11TH EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

AQUAMARINE

2913

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET

10B.0

OF SHEETS

REVISIONS BY

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Park Square HOMES
 5200 VineLand Road, Suite 200
 Orlando, Florida 32811
 Phone: (407) 529 - 3000

MECHANICAL/GENERAL NOTES

- PER 11TH ED. 2020 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 2020 11TH 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 2020 11TH EDITION.
 - 4.) IAW NEC 2017- 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 2017- 406.12, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.
 - 6.) ALL OUTLETS IN BATHROOMS 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.
 - 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 2020, 11TH ED. P2801.7
 - 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 2020, 11TH 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 2017
 - 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-NEC2017 - ARTICLE 210-52

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

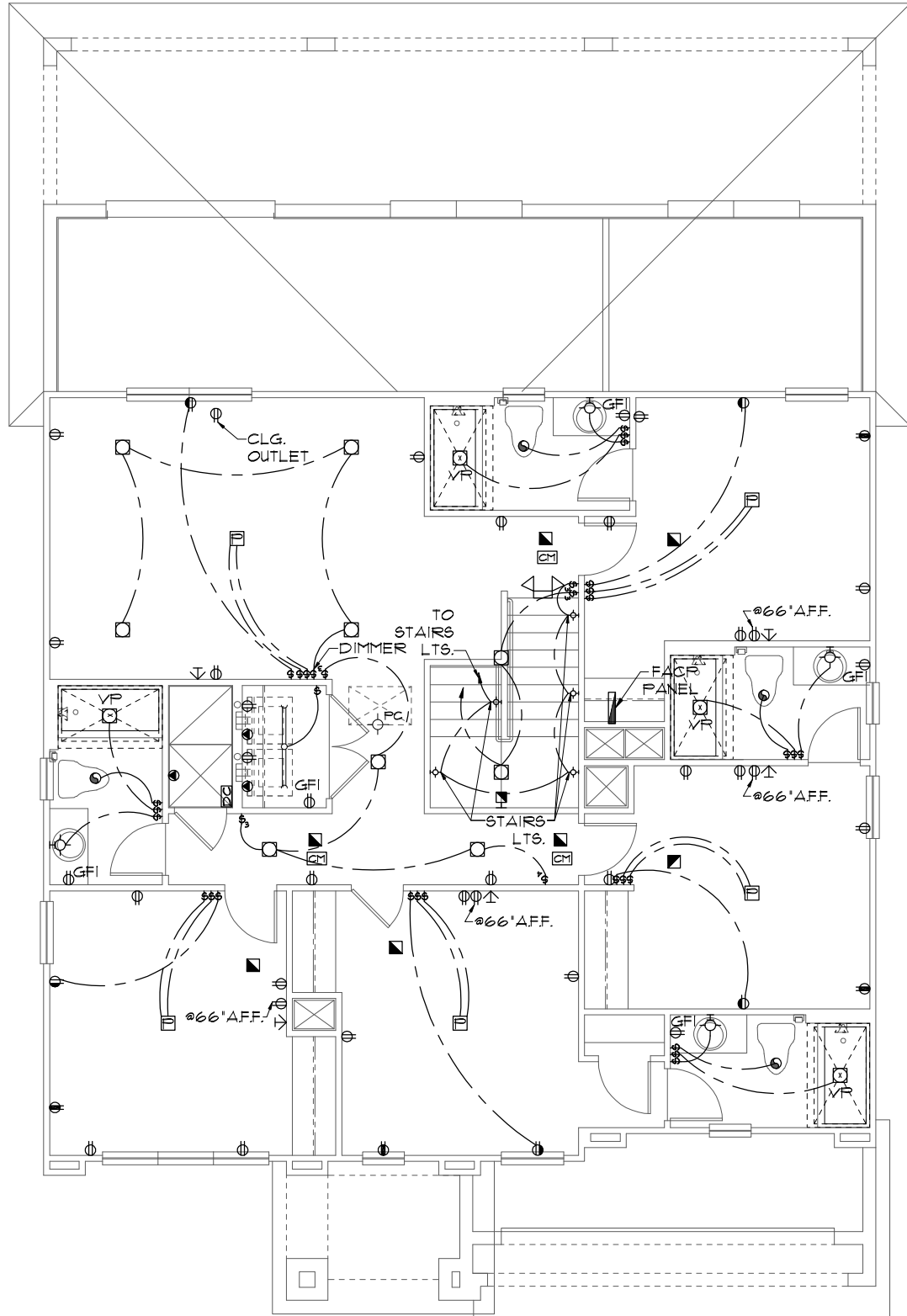
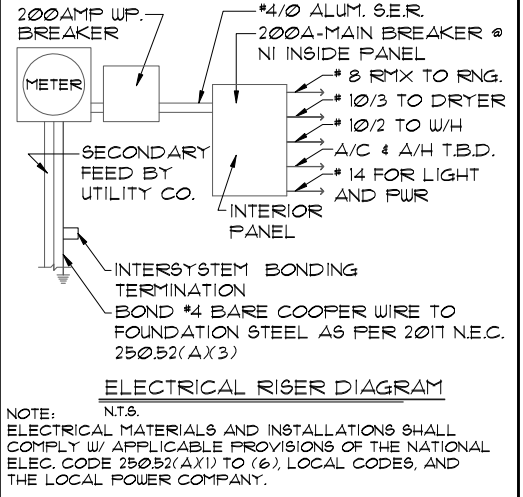
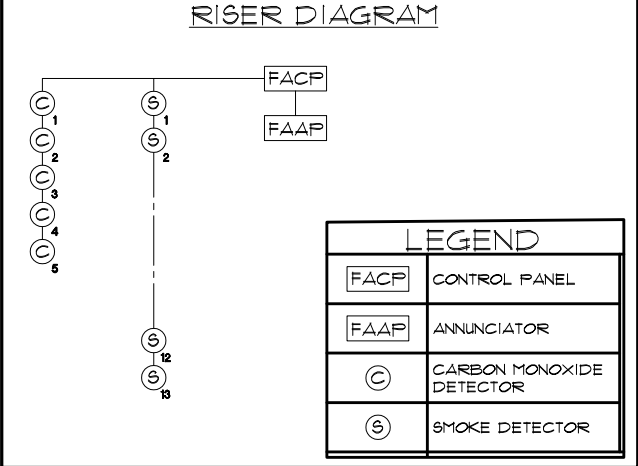
Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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 2017 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. PULL 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 "C"
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 11th EDITION, 2020 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 10C.0
 OF SHEETS

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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: **5,953S.F.**
 PROVIDED W/OFF RIDGE VENTS: **7 VENTS @ .853S.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. @ 0.0875S.F. VENTING/L.F.**

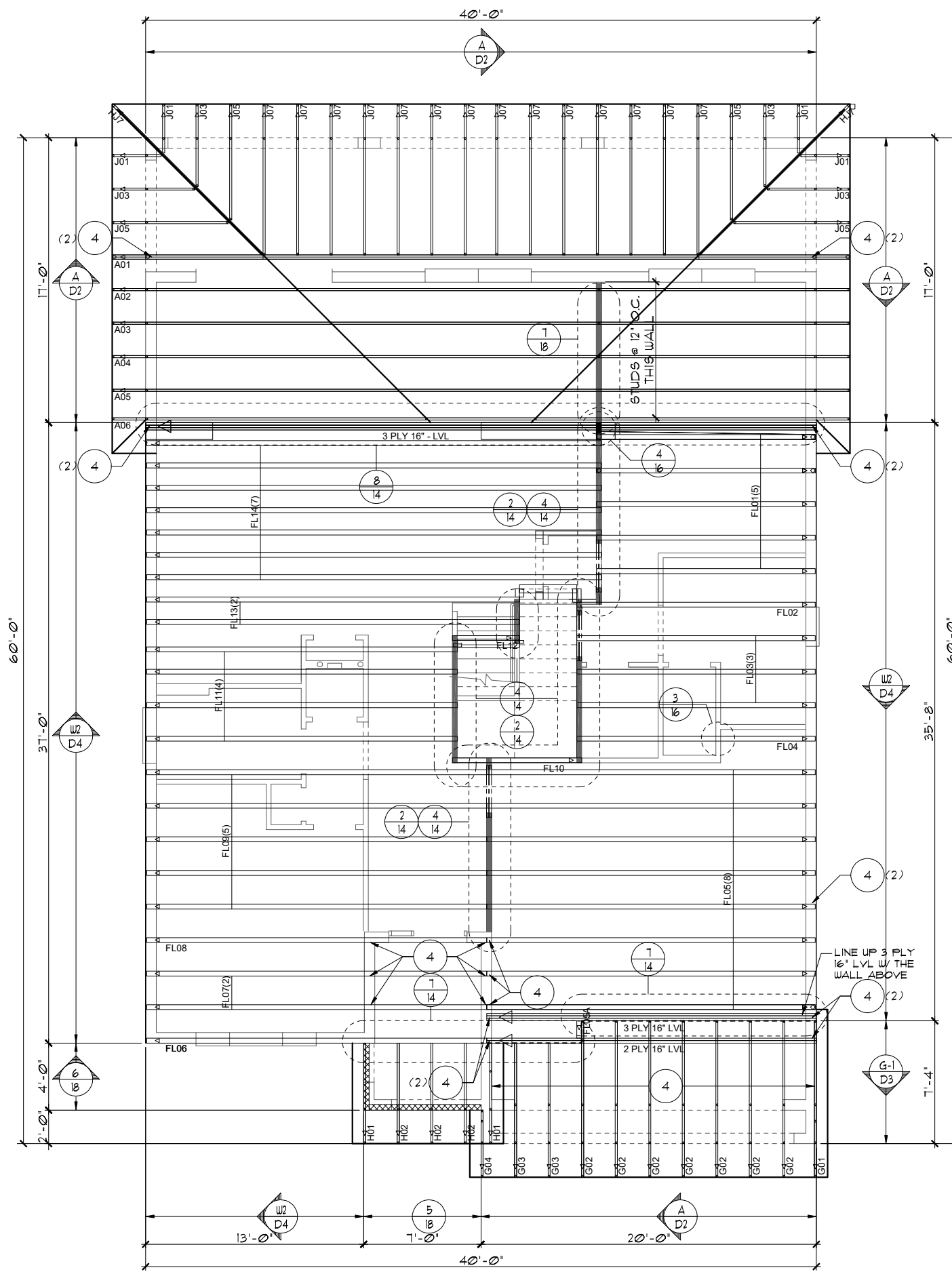
UPPER PORTION PERCENTAGE: **49%**
 LOWER PORTION PERCENTAGE: **51%**

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 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

TRUSS LAYOUT "A"

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



THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 11TH EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

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

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: **5,955S.F.**
 PROVIDED W/OFF RIDGE VENTS: **7 VENTS @ .855S.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. @ 0.0875S.F. VENTING/L.F.**

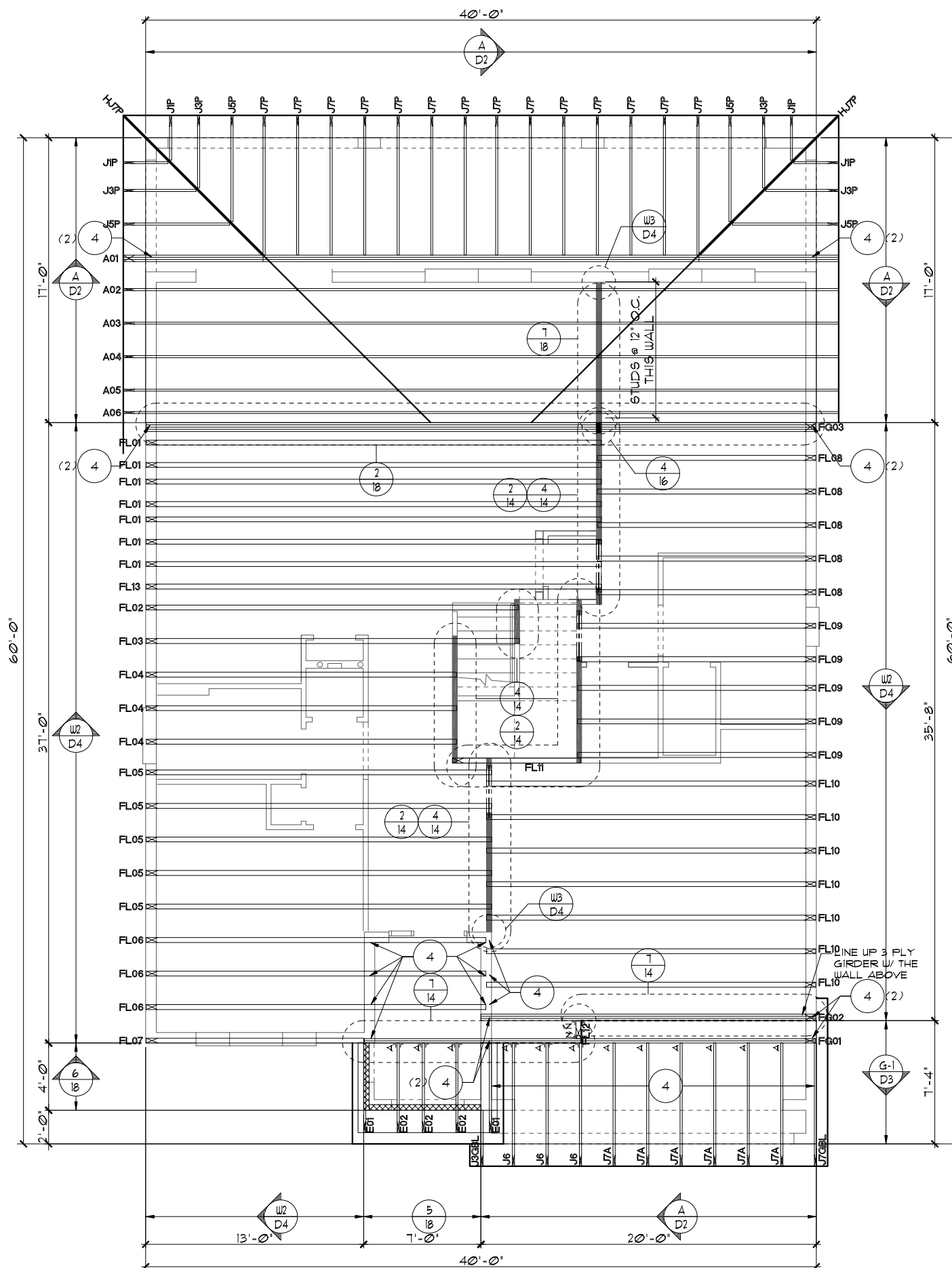
UPPER PORTION PERCENTAGE: **49%**
 LOWER PORTION PERCENTAGE: **51%**

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 11TH EDITION (2020) 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 2020, 11TH 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 2020, 11TH 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.**

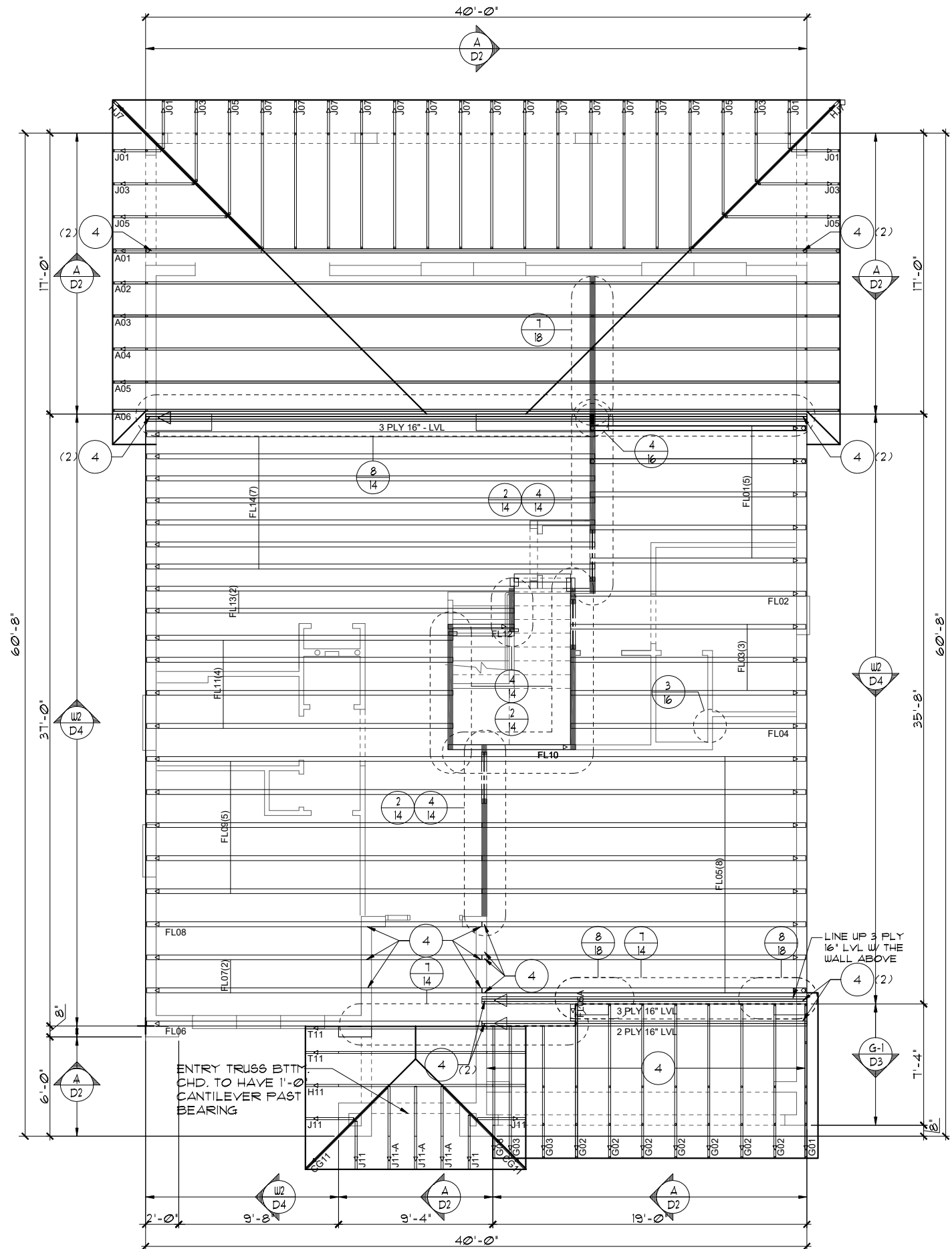
UPPER PORTION PERCENTAGE: **49%**
 LOWER PORTION PERCENTAGE: **51%**

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 R905.1.1

TRUSS LAYOUT "B"

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



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LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

AQUAMARINE
PARADISO GRANDE

TRUSS LAYOUT

Park Square HOMES

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2913	DATE 04-09-21
SCALE AS NOTED	DRAWN RDC
JOB 2913	SHEET 2913
OF 11B.0	SHEETS

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.

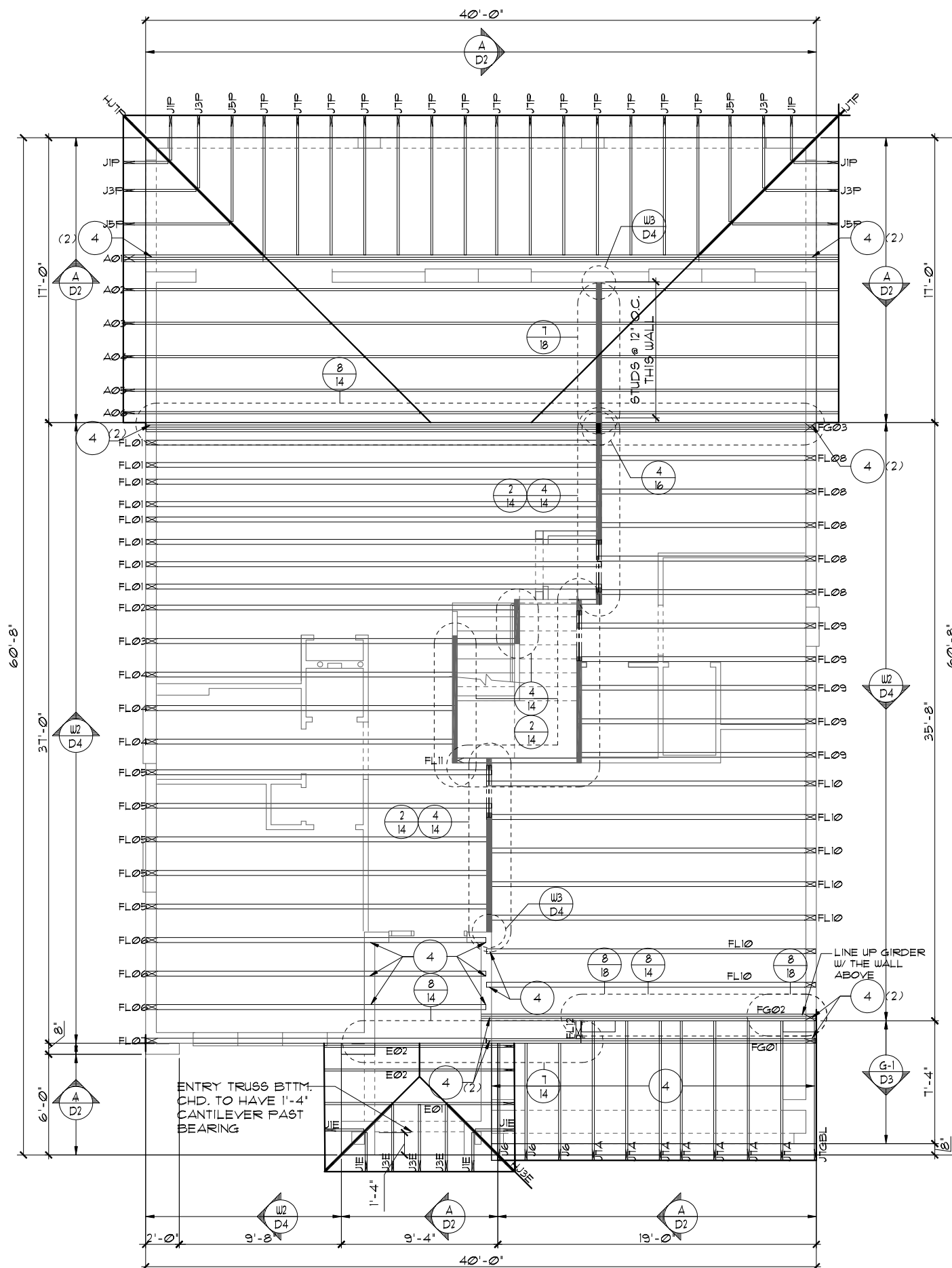
UPPER PORTION PERCENTAGE: **49%**
 LOWER PORTION PERCENTAGE: **5%**

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 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 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 2020, 11TH EDITION ASTM C1492-R305.3.5

TRUSS LAYOUT "B"

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 11TH EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

PARADISO GRANDE

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

TRUSS LAYOUT

AQUAMARINE
 PARADISO GRANDE

REVISIONS	BY

2913

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET 11B.0

OF SHEETS

PARADISO GRANDE

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: $\frac{3,644\text{S.F.}}{300} = \frac{12,153\text{S.F.}}{\text{REQUIRED}}$

UPPER PORTION VENTILATION TOTAL: **5953S.F.**
 PROVIDED W/OFF RIDGE VENTS: **7 VENTS @ .853S.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: **300LF. @ 0.087SF VENTING/L.F.**

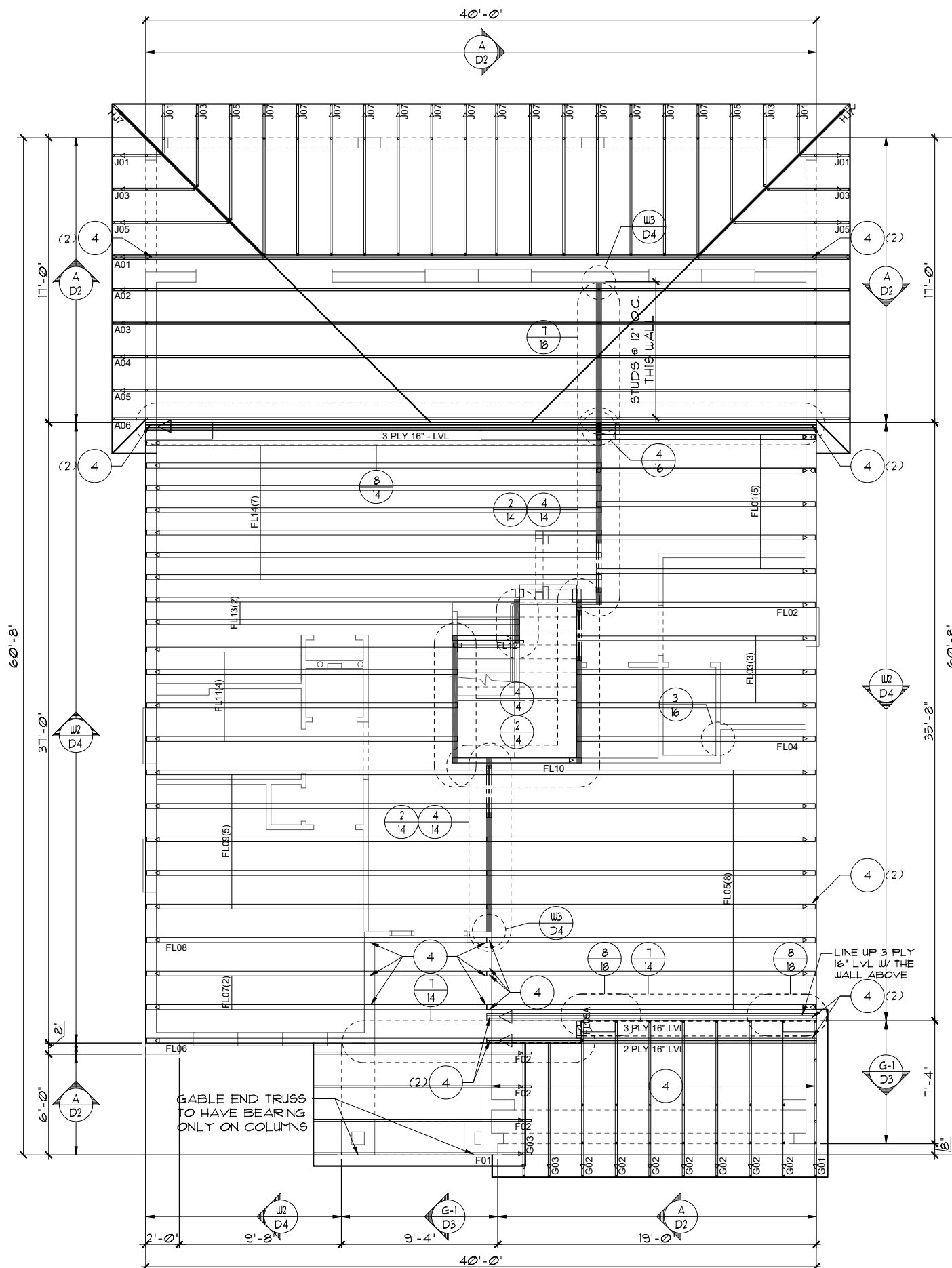
UPPER PORTION PERCENTAGE: **49%**
 LOWER PORTION PERCENTAGE: **51%**

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)



LOT: 0000, PARADISO GRANDE
 THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 11TH EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

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ITEG THOMPSON ENGINEERING GROUP, INC. 10000 Lake Nona Blvd., Suite 100 Orlando, FL 32826 Tel: (407) 734-1400 Fax: (407) 734-1790 www.iteg.com	REVISIONS BY
Park Square HOMES 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 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: **5,955S.F.**
 PROVIDED W/OFF RIDGE VENTS: **7 VENTS @ .855S.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. @ 0.0875S.F. VENTING/L.F.**

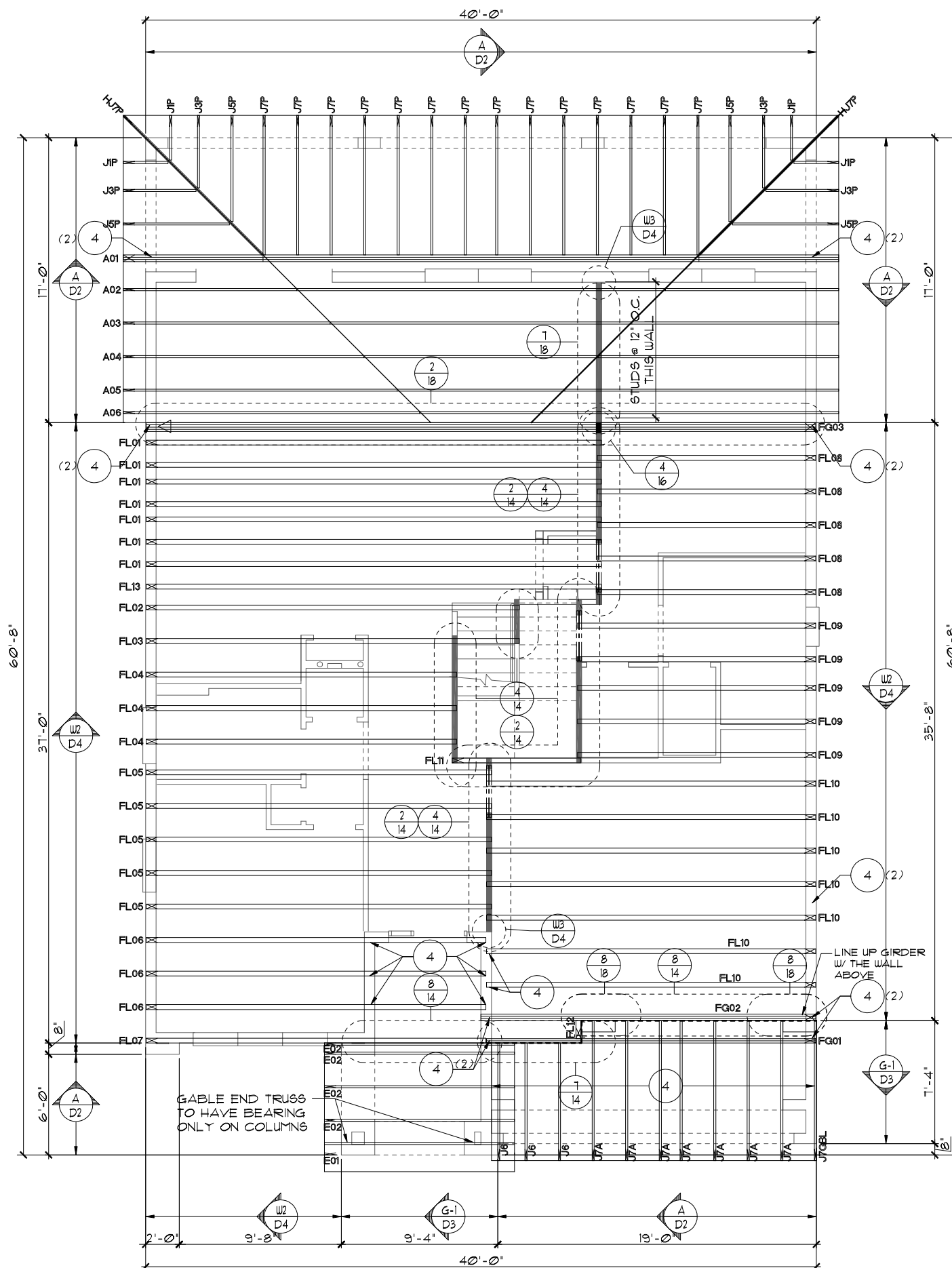
UPPER PORTION PERCENTAGE: **49%**
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7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 11TH EDITION R305.3.3.
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 • O'HAGIN - 1' X 19" HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 11TH EDITION ASTM C1492-R305.3.5

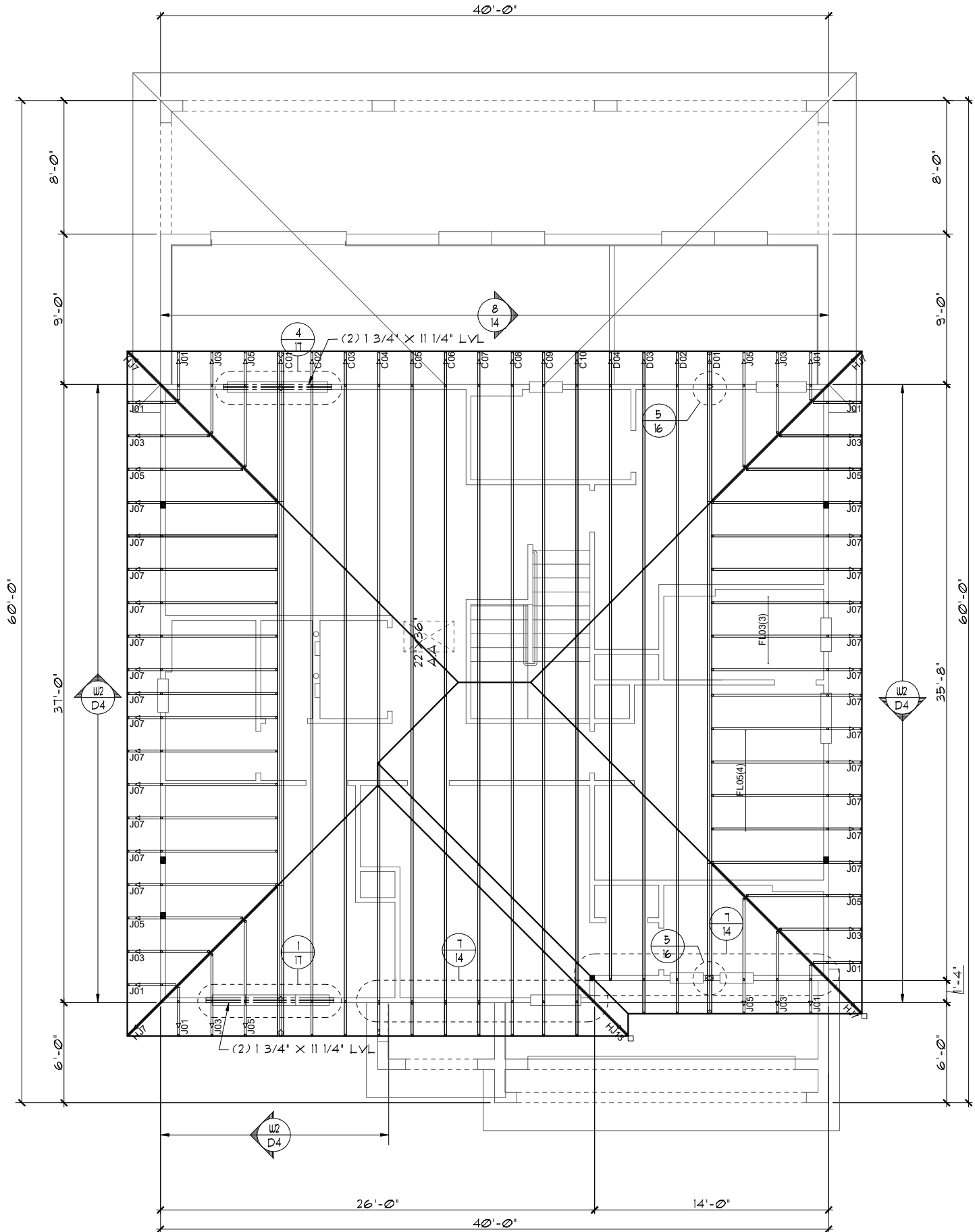
TRUSS LAYOUT "C"

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



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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, 7TH 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 2020, 7TH EDITION ASTM C1492-R305.3.5



TRUSS LAYOUT "A"

1/2" = 1'-0" (11x17) 1/4" = 1'-0" (22x34)

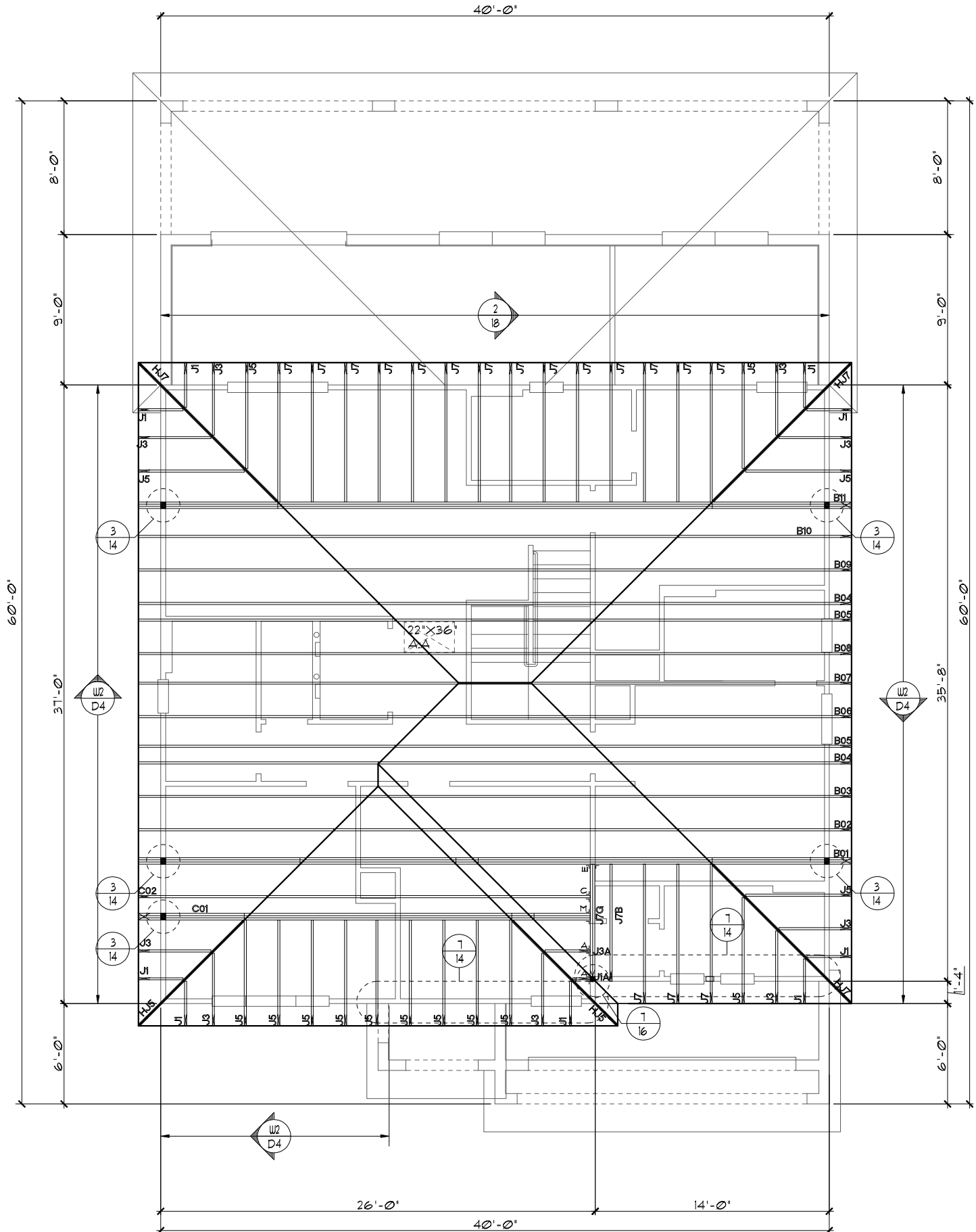
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A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 VineLand Road, Suite 200 Orlando, Florida, 32811 Phone: (407) 529 - 3000	
TRUSS LAYOUT	
AQUAMARINE	
PARADISO GRANDE	
2913	
DATE	04-09-21
SCALE	AS NOTED
DRAWN	RD C
JOB	2913
SHEET	12A.0
OF	SHEETS

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.
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 2020, 11TH 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 2020, 11TH EDITION ASTM C1492-R305.3.5



TRUSS LAYOUT "A"

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

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PARADISO GRANDE

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Park Square
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TRUSS LAYOUT

AQUAMARINE
 PARADISO GRANDE

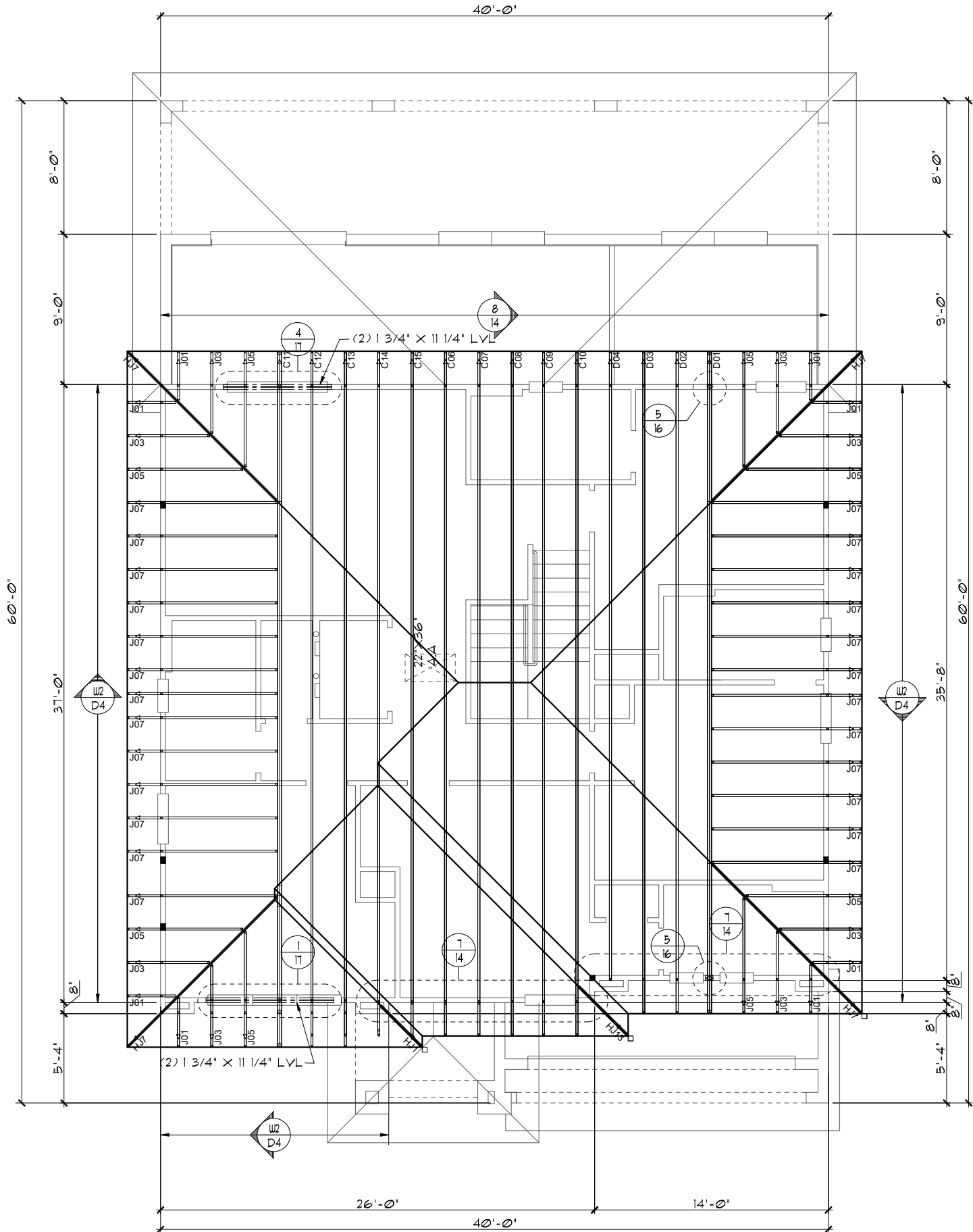
2913
DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 2913
SHEET 12A.0
OF SHEETS

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/WTC A 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)



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LOT: 0000, PARADISO GRANDE **PARADISO GRANDE** **TRUSS LAYOUT** **AQUAMARINE** **2913** **DATE 04-09-21** **SCALE AS NOTED** **DRAWN RDC** **JOB 2913** **SHEET 12B.0** **OF 12**

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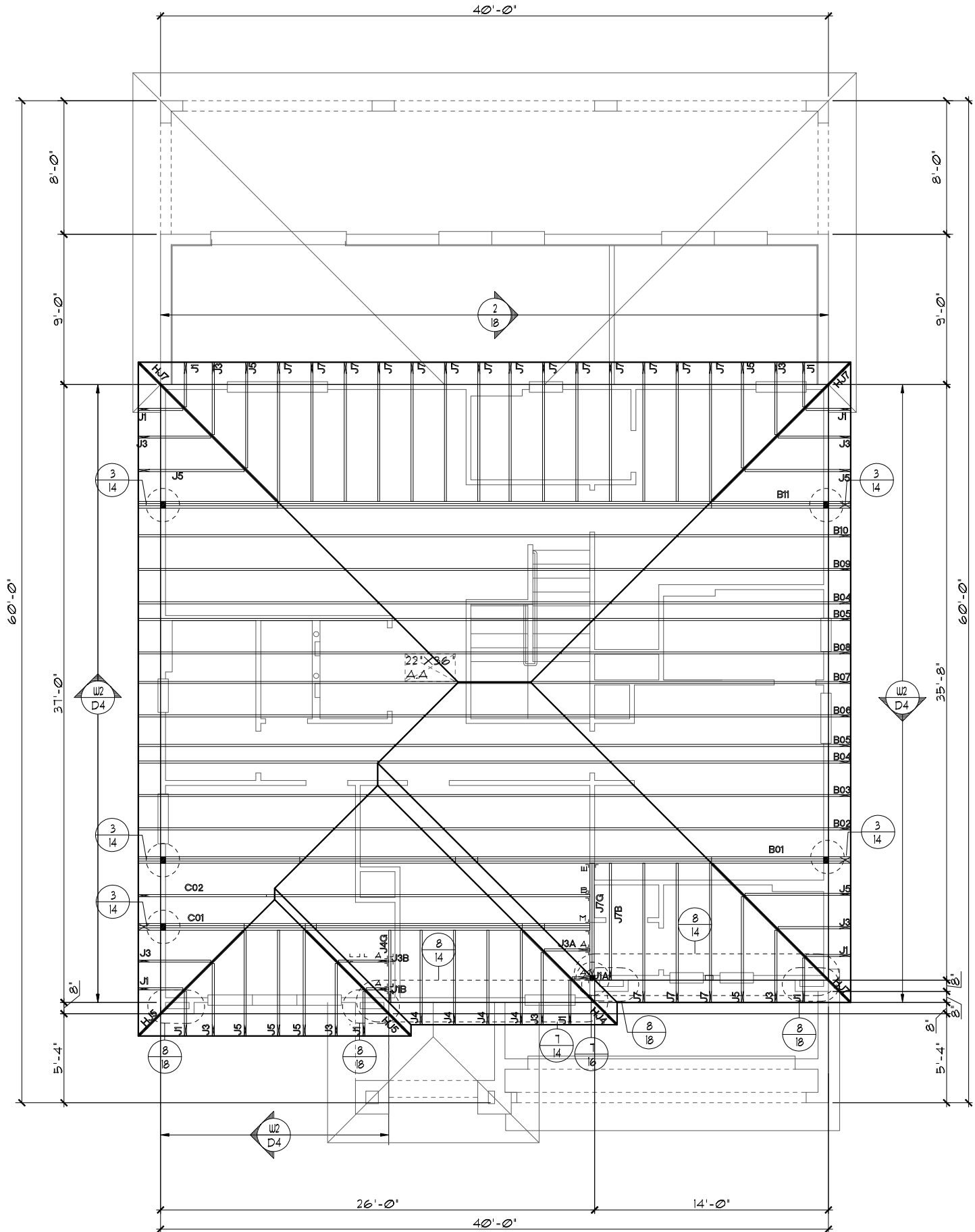
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 Orlando, Florida, 32811
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 Orlando, Florida, 32811
 Phone: (407) 529 - 3000

REVISIONS	BY

NOTES

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2. TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
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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.
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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 "B"

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

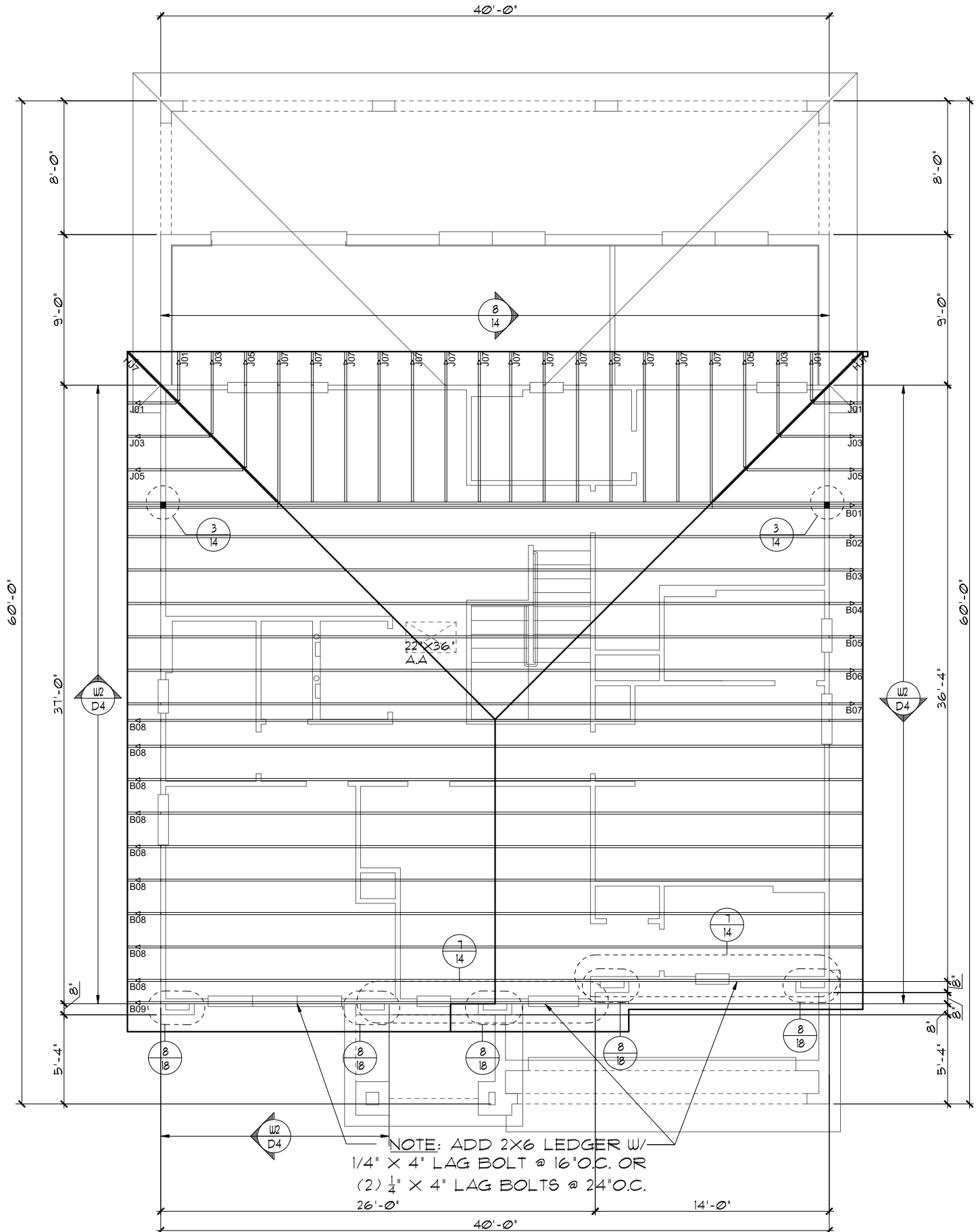
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AQUAMARINE PARADISO GRANDE	
TRUSS LAYOUT	
2913	
DATE	04-09-21
SCALE	AS NOTED
DRAWN	RDC
JOB	2913
SHEET	12B.0
OF	SHEETS

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TRUSS LAYOUT "C"

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AQUAMARINE

2913

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET

12C.0 OF 5 SHEETS

PARADISO GRANDE

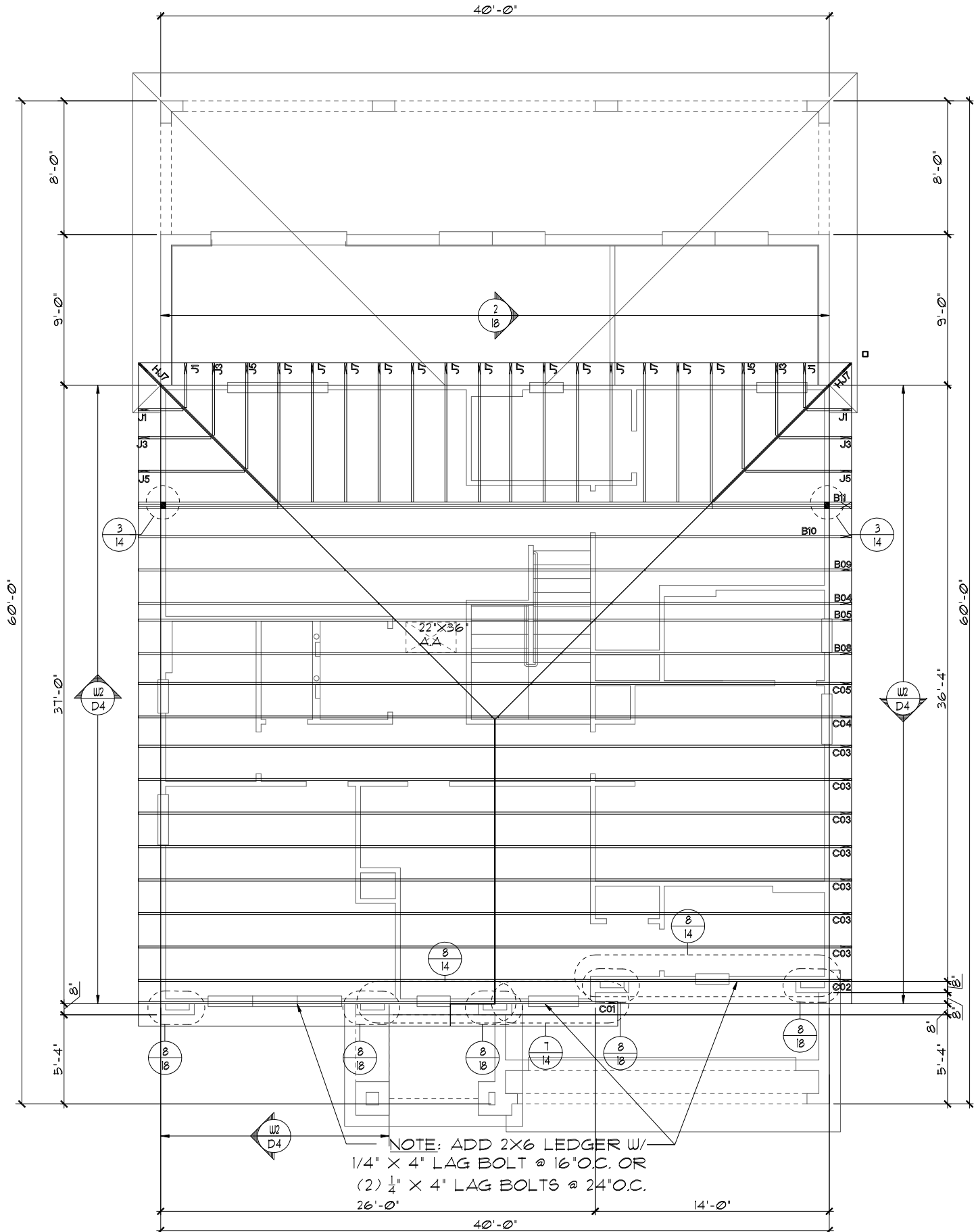
TRUSS LAYOUT

REVISIONS BY

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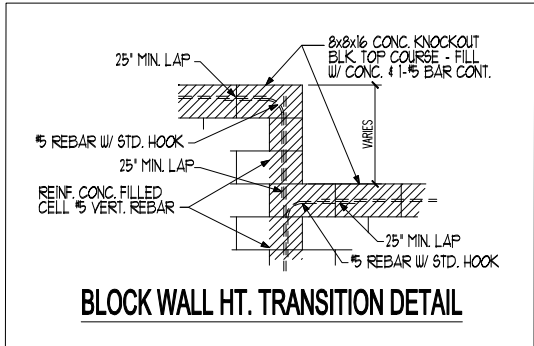
TRUSS LAYOUT "C"

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

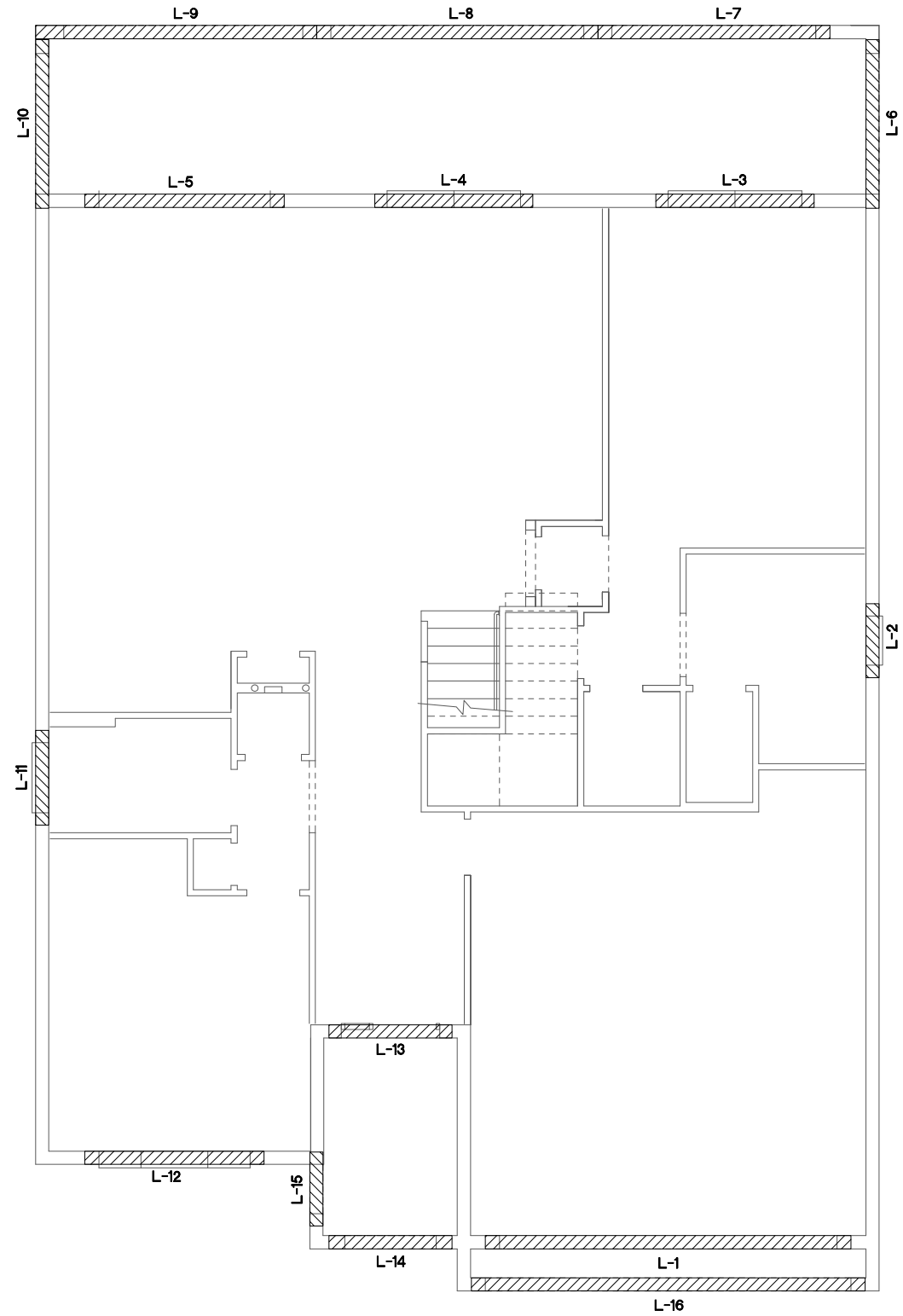


BLOCK WALL HT. TRANSITION DETAIL

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

LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	11'-4"	8F30-1B/IT	GARAGE DOOR
L 2	3'-6"	8F24-0B/IT	SHIH5
L 3	1'-6"	8F24-0B/IT	FR SH25
L 4	1'-6"	8F24-0B/IT	FR SH25
L 5	9'-4"	8F24-0B/IT	8/0X8/0 S.G.D.
L 6	8'-0"	8F16-1B/IT	LANA1
L 7	11'-0"	8F16-1B/IT	LANA1
L 8	13'-4"	8F16-1B/IT	LANA1
L 9	13'-4"	8F16-1B/IT	LANA1
L 10	8'-0"	8F16-1B/IT	LANA1
L 11	4'-6"	8F24-0B/IT	3/4X1/4 F.G.
L 12	8'-8"	8F24-0B/IT	SH25, (2) 2/0X5/0 CLR. F.G.
L 13	5'-10"	8FF20-0B/IT	FRONT DOOR
L 14	5'-10"	8F8-0B/IT	FRONT ENTRY
L 15	3'-6"	8F8-0B/IT	FRONT ENTRY
L 16	19'-4"	8F24-0B/IT	GARAGE ENTRY
L 17			
L 18			
L 19			
L 20			
L 21			
L 22			
L 23			
L 24			
L 25			
L 26			
L 27			

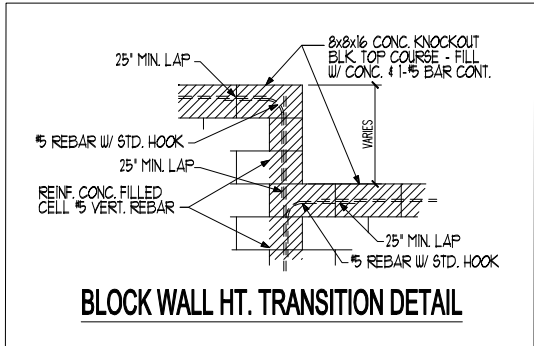
PRE CAST LINTEL LAYOUT "A"
1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)



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PARADISO GRANDE A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida, 32811 Phone: (407) 529 - 3000		PRE CAST LINTEL LAYOUT	
AQUAMARINE PARADISO GRANDE		2913	
DATE		04-09-21	
SCALE		AS NOTED	
DRAWN		RDC	
JOB		2913	
SHEET		13A.0	
OF		SHEETS	



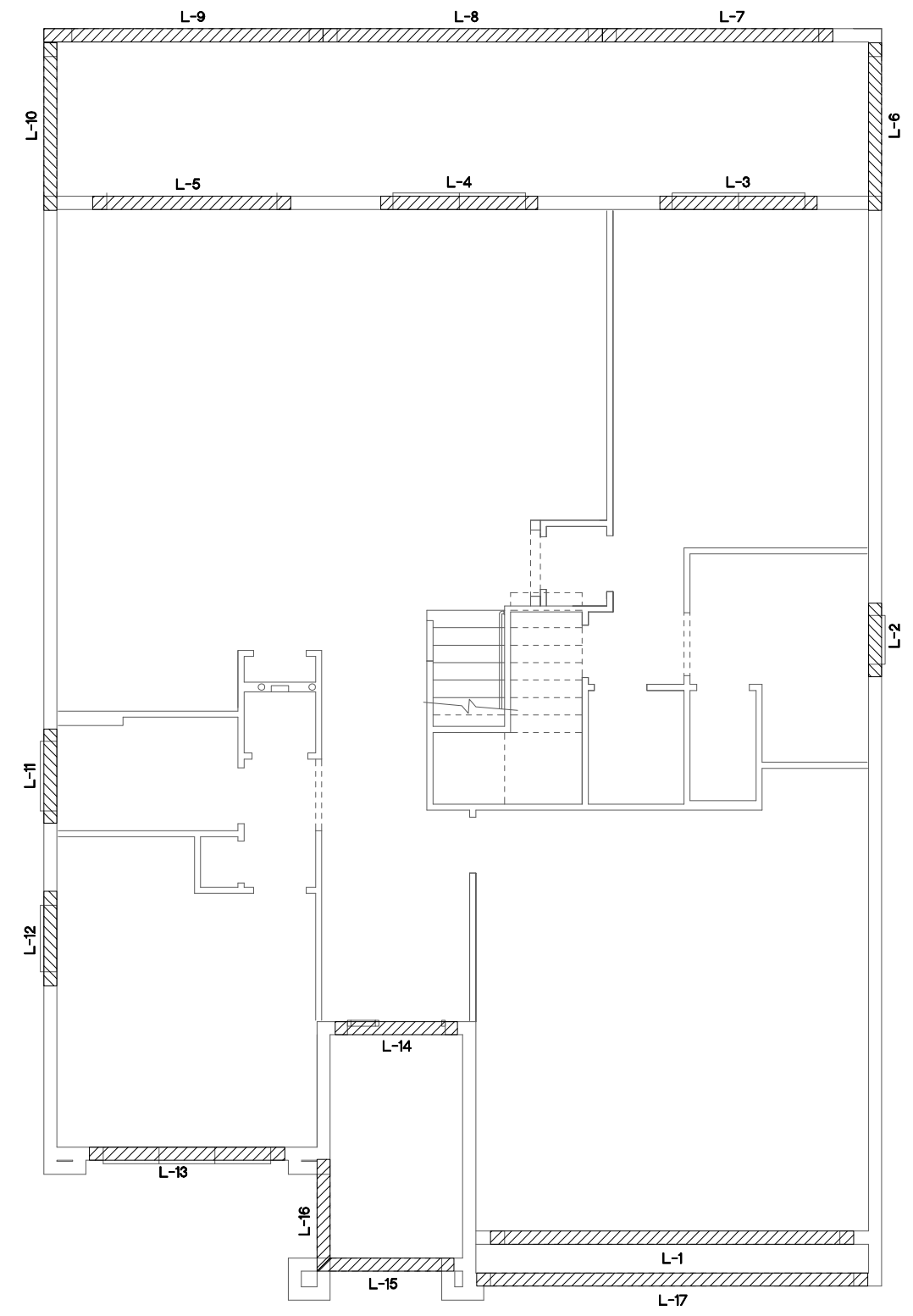
BLOCK WALL HT. TRANSITION DETAIL

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

LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	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	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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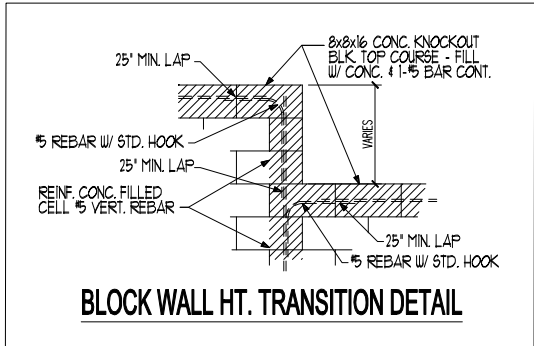
2913
DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 2913
SHEET
13B.0
OF SHEETS

AQUAMARINE
PRE CAST LINTEL LAYOUT
PARADISO GRANDE

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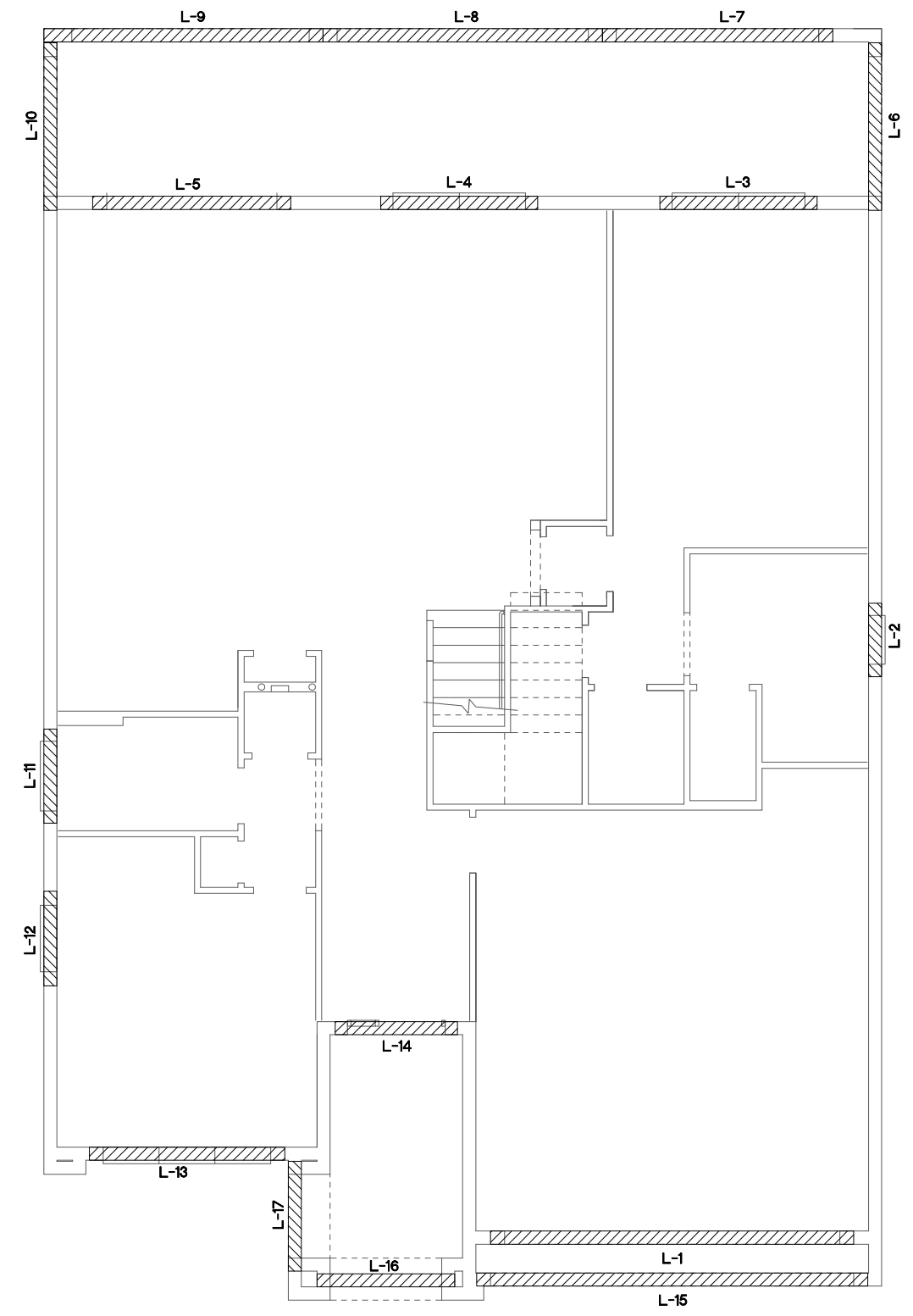


BLOCK WALL HT. TRANSITION DETAIL

CAST CRETE / LOTT'S / WEKIWA / FLORIDA ROCK LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	11'-4"	8F30-1B/IT	GARAGE DOOR
L 2	3'-6"	8F24-0B/IT	SH1H5
L 3	1'-6"	8F24-0B/IT	FR SH25
L 4	1'-6"	8F24-0B/IT	FR SH25
L 5	9'-4"	8F24-0B/IT	8/0X8/0 S.G.D.
L 6	8'-0"	8F16-1B/IT	LANA1
L 7	11'-0"	8F16-1B/IT	LANA1
L 8	13'-4"	8F16-1B/IT	LANA1
L 9	13'-4"	8F16-1B/IT	LANA1
L 10	8'-0"	8F16-1B/IT	LANA1
L 11	4'-6"	8F24-0B/IT	3/4X1/4 F.G.
L 12	4'-6"	8F24-0B/IT	SH25
L 13	9'-4"	8F24-0B/IT	(3) 2/8X5/0 CLR. F.G.
L 14	5'-10"	8RF20-0B/IT	FRONT DOOR
L 15	19'-4"	8F24-0B/IT	GARAGE ENTRY
L 16	6'-6"	8F8-0B/IT	FRONT ENTRY
L 17	5'-4"	8F8-0B/IT	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"

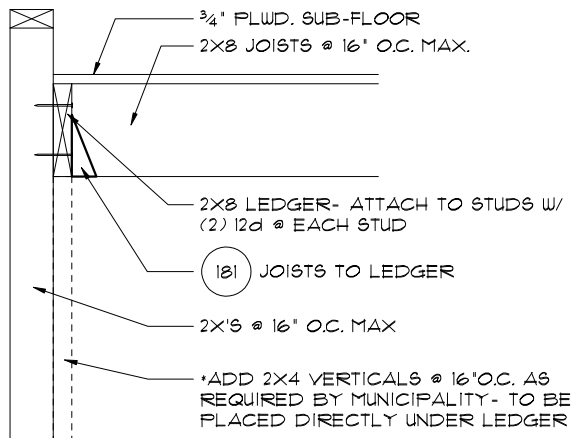
1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)



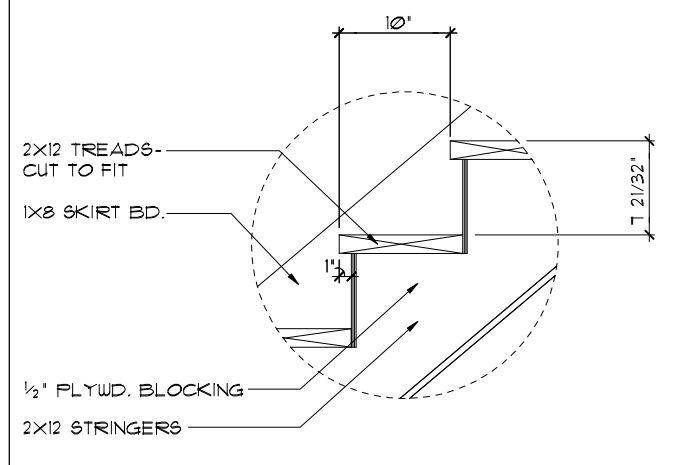
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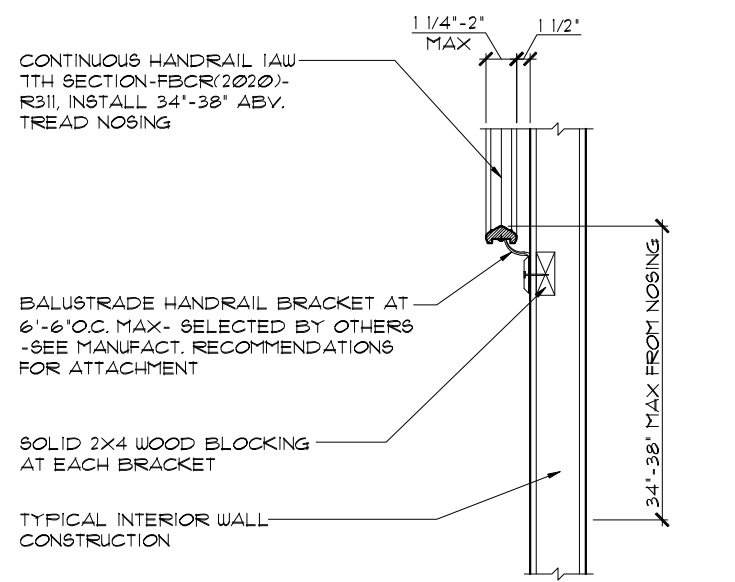
 ITEG THOMPSON ENGINEERING GROUP, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Tel: (407) 734-1400 Fax: (407) 734-1790 www.iteg.com		REVISIONS	BY
Park Square HOMES A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529 - 3000		PRE CAST LINTEL LAYOUT	
AQUAMARINE PARADISO GRANDE		2913	
DATE		04-09-21	
SCALE		AS NOTED	
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SHEET		13C.0	
OF		SHEETS	



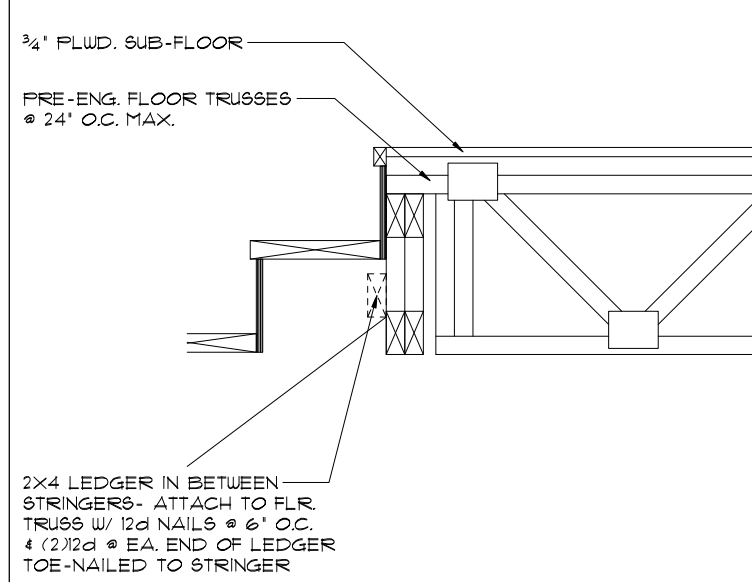
4 TYP. STAIR CONNECT. 3/4" = 1'-0" (11X17) 1/2" = 1'-0" (22'X34') PLATFORM FRAMING



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 2020, 7TH EDITION SECTION R311.7

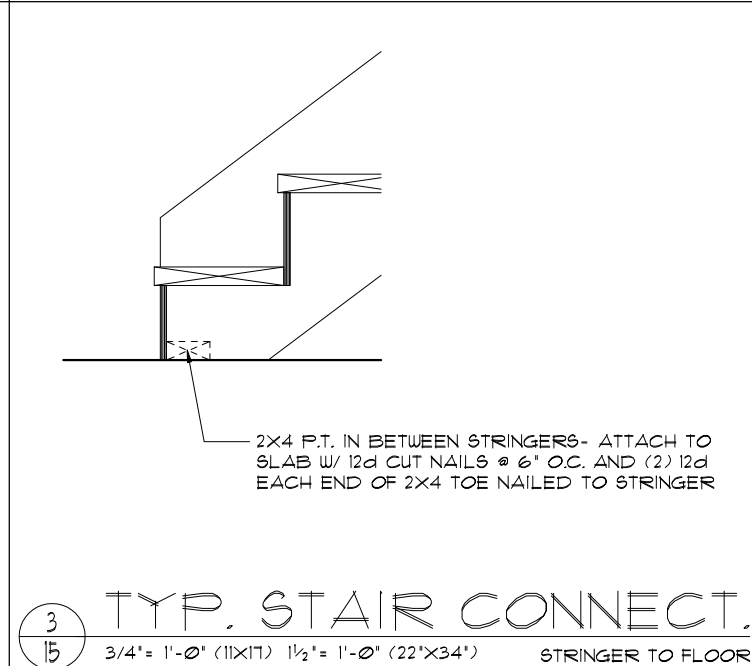
MAX. HGT. OF RISER TO BE 7 3/4"
MIN. WIDTH OF TREAD TO BE 9" (EXCLUSIVE OF NOSING)
ALL TREADS LESS THAN 10" IN WIDTH SHALL HAVE APPROX. 1" OF NOSING
3/16" MAX. VARIATION IN RISERS/TREADS ADJACENT TO EACH OTHER
3/8" MAX. VARIATION IN ANY RISER/TREAD

HAND RAIL CIRCULAR CROSS SECTION DIA. TO BE 1 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	LUS26	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	RT1	RFT: 5-8d / PLT: 5-8d	415	150 / 150
34	A34	H: 4-8dx1 1/2" / P: 4-8dx1 1/2"	MP34	H: 4-8dx1 1/2" / P: 4-8dx1 1/2"	365	280 / 303
35	A35F	H: 4-8dx1 1/2" / P: 4-8dx1 1/2"	MFAIF	H: 6-8dx1 1/2" / P: 6-8dx1 1/2"	440	440 / N/A
37	MTS12	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	HTS20	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" / P: 4-8dx1 1/2"	MPAI	H: 6-8dx1 1/2" / P: 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	HDUS-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 BM: 6-16d	HDO212-3	HD: 18-3/16" x 1 1/2" TAPCON BM: 6-10d	1,135	N/A
215	HGU210-2	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" x 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" x BOLTS	3,450	N/A
232	MBHA3.50/16	HDR: (2) 3/4" x 8" JOIST: 18-10d	NFM55X16U	HDR: MIN. 1/2" x J-BOLTS JOIST: (5) 1/2" x BOLTS	3,450	N/A
240	H15	R: 4-10dx1 1/2" / P: 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	MGT	(1) 5/8" BLTS / GIR: 22-10d	N/A	N/A	3,965	N/A
302	HGT-2 or 3	LTL: 3/4" BLTS / GIR: 8-10d	USC63	LTL: 3/4" BLTS / GIR: 8-16d	6,485	N/A
303	HGT-4	LTL: 3/4" BLTS / 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					

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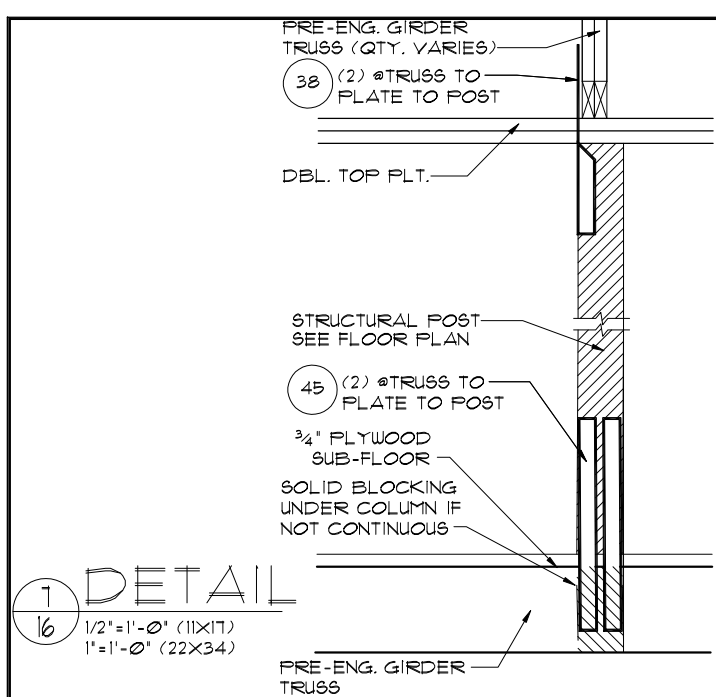
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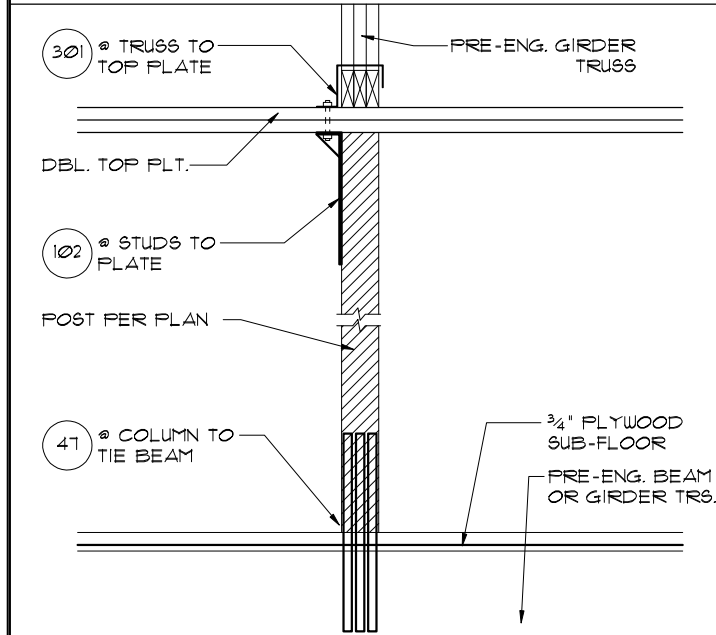
TYPICAL DETAILS / CONNECTOR SCHEDULE

AQUAMARINE
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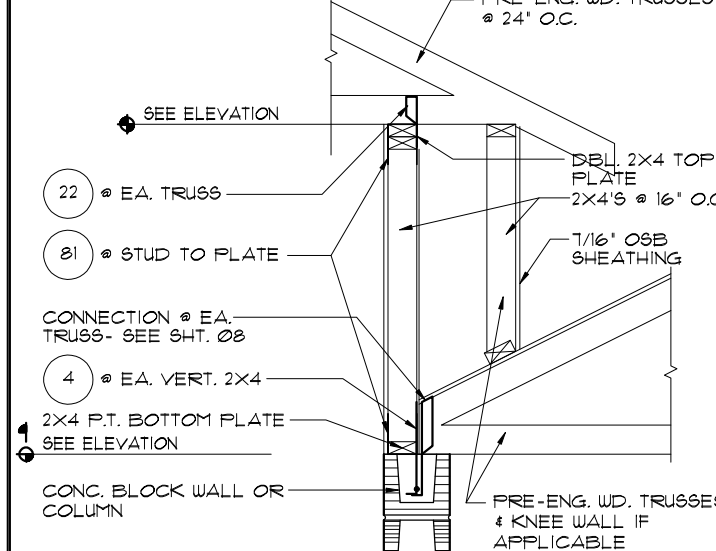
DATE 04-09-21
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 SHEET 15 OF SHEETS



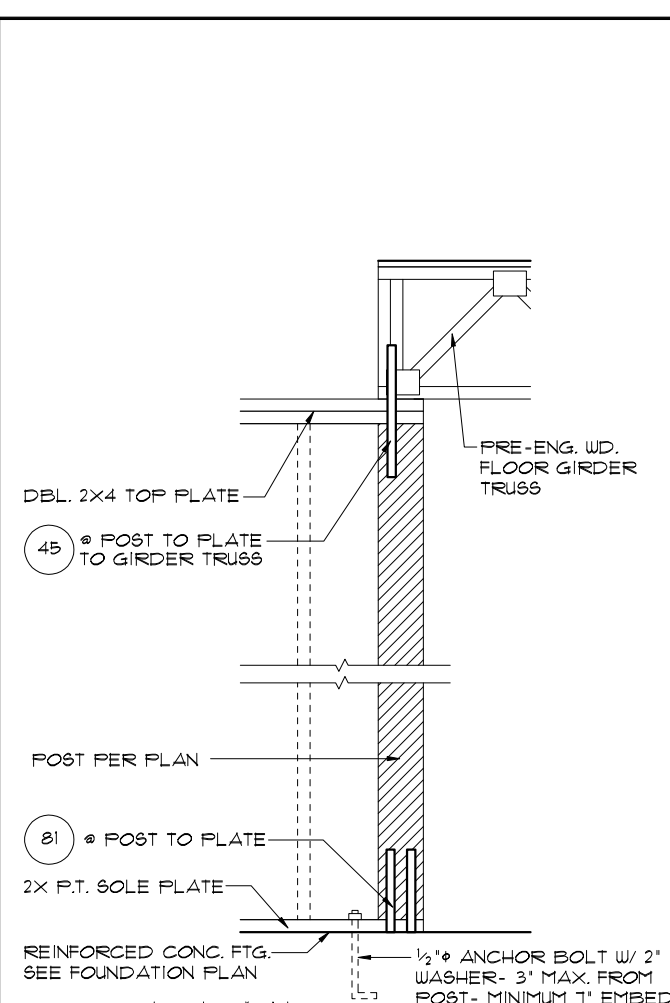
1
16
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



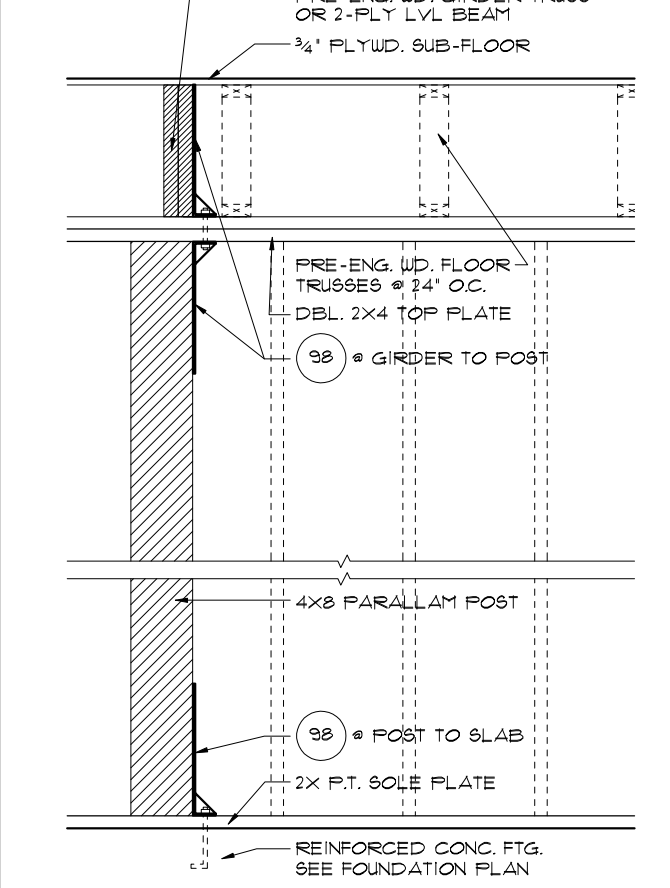
2
16
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



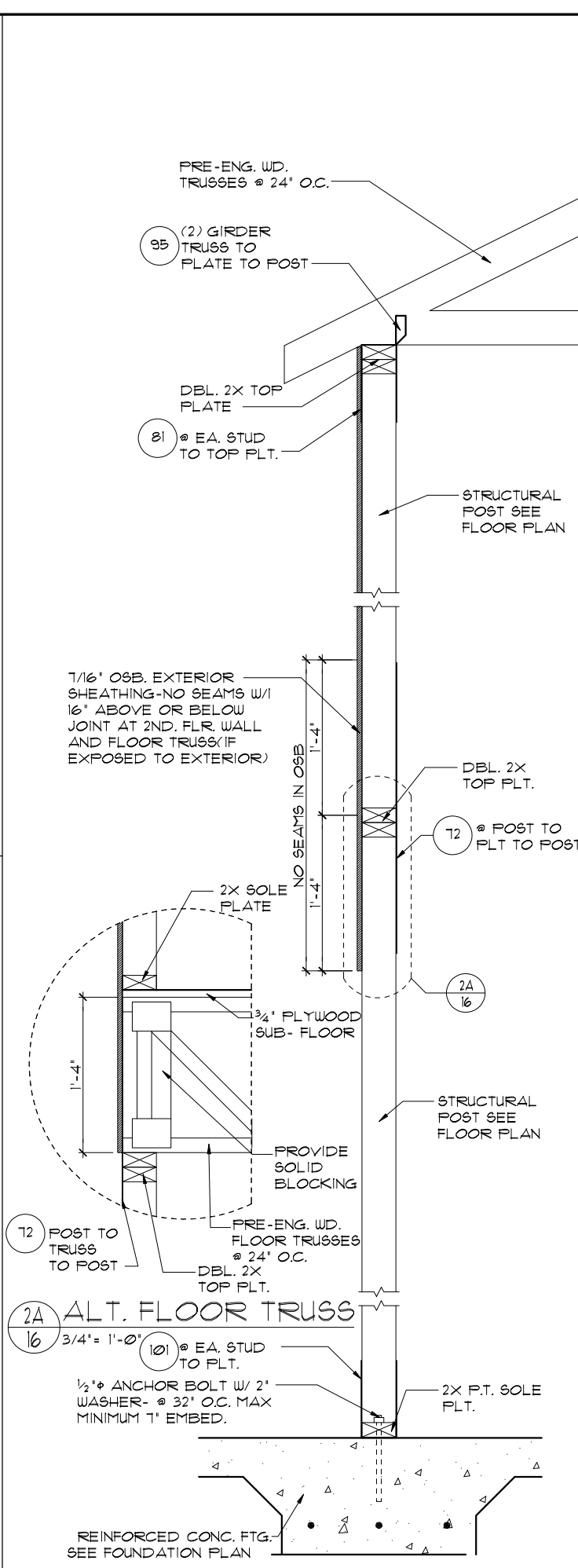
3
16
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



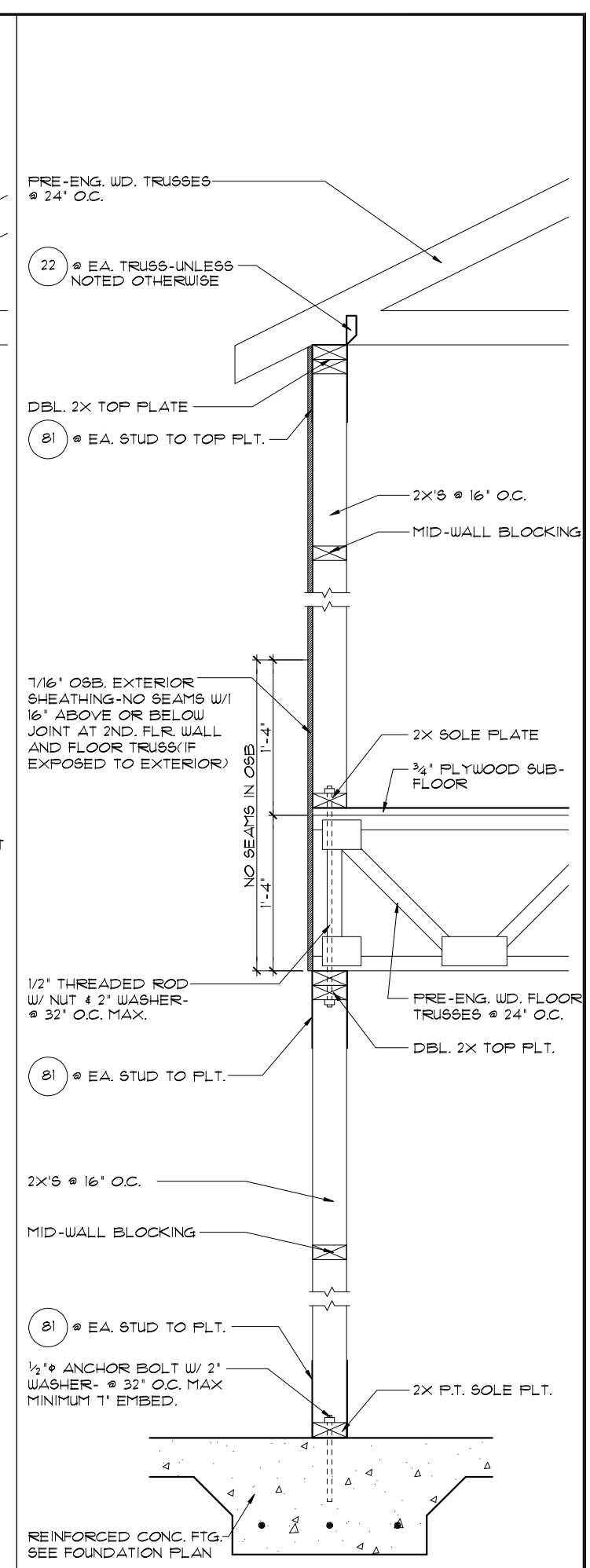
4
16
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



5
16
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



6
16
3/4"=1'-0" (11X17) 1/2"=1'-0" (22X34)



7
16
3/4"=1'-0" (11X17) 1/2"=1'-0" (22X34)

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REVISIONS

NO.	DESCRIPTION	DATE	BY

TYPICAL DETAILS

AQUAMARINE
PARADISO GRANDE

DATE 04-09-21
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SHEET 16 OF SHEETS

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS

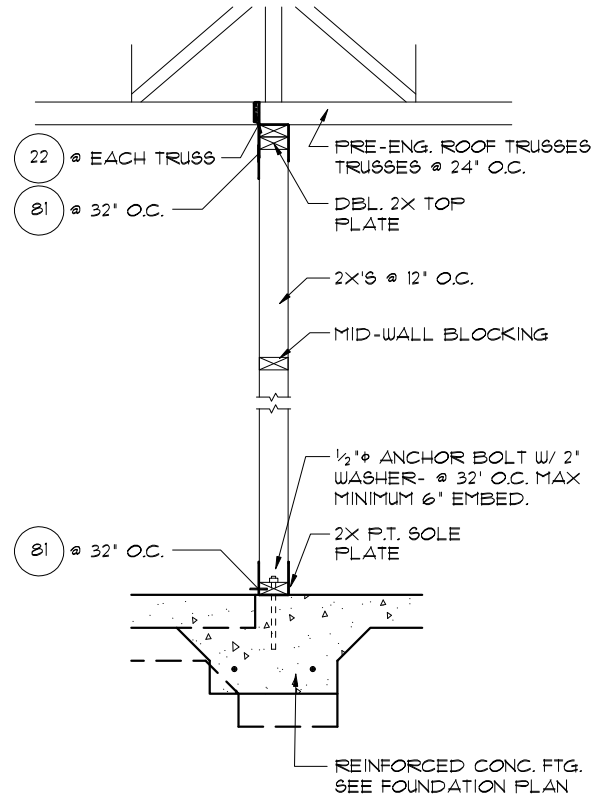
LENGTH	TYPE	8UB	GRAVITY												
			8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1B	8F36-1B	8F40-1B	8F44-1B			
2'-10" (34") PRECAST	2302	316.6	447.3	603.9	752.6	900.4	1047.2	1193.6							
		316.6	447.3	603.9	752.6	900.4	1047.2	1193.6							
3'-6" (42") PRECAST	2302	316.6	447.3	603.9	752.6	900.4	1047.2	1193.6							
		316.6	447.3	603.9	752.6	900.4	1047.2	1193.6							
4'-0" (48") PRECAST	2029	264.6	447.3	603.9	752.6	900.4	1047.2	1193.6							
		264.6	447.3	603.9	752.6	900.4	1047.2	1193.6							
4'-6" (54") PRECAST	1651	178.7	193	265.1	340.3	414.9	489.6	564.4							
		178.7	193	265.1	340.3	414.9	489.6	564.4							
5'-4" (64") PRECAST	1184	166.9	288.9	509.1	629.6	750.0	870.4	990.8							
		166.9	288.9	509.1	629.6	750.0	870.4	990.8							
5'-10" (70") PRECAST	972	149.9	246.4	414.4	545.8	677.2	808.6	940.0							
		149.9	246.4	414.4	545.8	677.2	808.6	940.0							
6'-6" (78") PRECAST	937	125.5	210	339.6	471.0	602.4	733.8	865.2							
		125.5	210	339.6	471.0	602.4	733.8	865.2							
7'-6" (90") PRECAST	767	102.9	167.5	261.0	354.5	448.0	541.5	635.0							
		102.9	167.5	261.0	354.5	448.0	541.5	635.0							
9'-4" (112") PRECAST	573	76.8	121	181.0	240.5	300.0	359.5	419.0							
		76.8	121	181.0	240.5	300.0	359.5	419.0							
10'-6" (126") PRECAST	456	65.8	102.5	151.4	200.3	249.2	298.1	347.0							
		65.8	102.5	151.4	200.3	249.2	298.1	347.0							
11'-4" (136") PRECAST	445	59.8	93.5	136.5	185.4	234.3	283.2	332.1							
		59.8	93.5	136.5	185.4	234.3	283.2	332.1							
12'-0" (144") PRECAST	414	54.5	86.4	125.4	169.3	213.2	257.1	301.0							
		54.5	86.4	125.4	169.3	213.2	257.1	301.0							
13'-4" (160") PRECAST	362	48.5	74.8	107.6	143.8	180.0	216.2	252.4							
		48.5	74.8	107.6	143.8	180.0	216.2	252.4							
14'-0" (168") PRECAST	338	45.5	70.0	100.3	135.5	170.7	205.9	241.1							
		45.5	70.0	100.3	135.5	170.7	205.9	241.1							
15'-4" (184") PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR							
		NR	NR	NR	NR	NR	NR	NR							
17'-4" (208") PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR							
		NR	NR	NR	NR	NR	NR	NR							
19'-4" (232") PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR							
		NR	NR	NR	NR	NR	NR	NR							
21'-4" (256") PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR							
		NR	NR	NR	NR	NR	NR	NR							
22'-0" (264") PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR							
		NR	NR	NR	NR	NR	NR	NR							
24'-0" (288") PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR							
		NR	NR	NR	NR	NR	NR	NR							

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

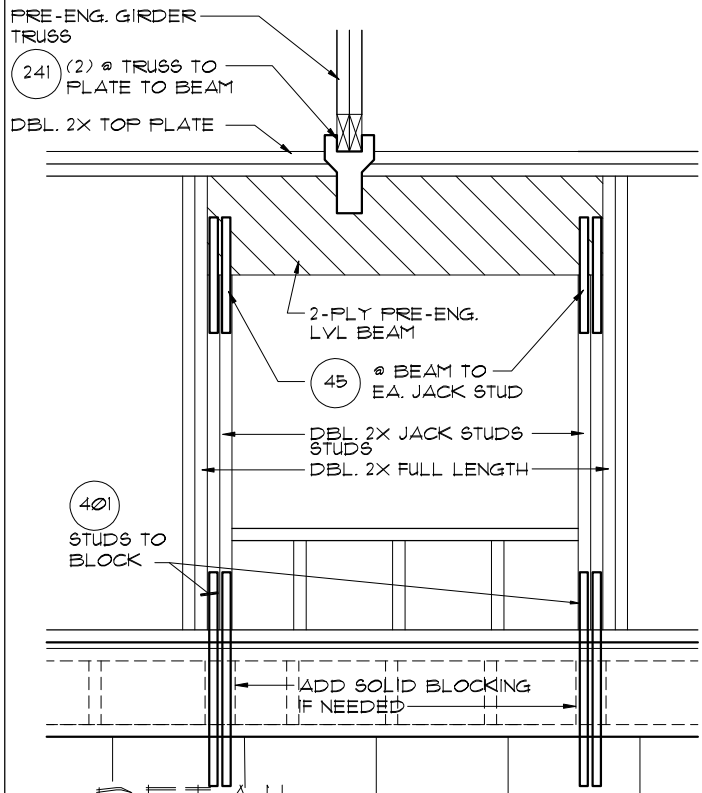
LENGTH	TYPE	8RUB	GRAVITY											
			8RF6-1B	8RF10-1B	8RF14-1B	8RF18-1B	8RF22-1B	8RF26-1B	8RF30-1B	8RF34-1B	8RF38-1B	8RF42-1B		
4'-4" (52") PRECAST	1489	1591	3053	2382	3354	4329	5304	6280						
		1591	3053	2382	3354	4329	5304	6280						
4'-6" (54") PRECAST	1357	1449	2782	2114	3086	4061	5036	6011						
		1449	2782	2114	3086	4061	5036	6011						
5'-8" (68") PRECAST	105	832	1602	1550	2058	2566	3075	3585						
		832	1602	1550	2058	2566	3075	3585						
5'-10" (70") PRECAST	135	775	1500	1449	1954	2460	2966	3472						
		775	1500	1449	1954	2460	2966	3472						
6'-8" (80") PRECAST	822	607	1677	2533	2876	3223	3572	3922						
		607	1677	2533	2876	3223	3572	3922						
7'-6" (90") PRECAST	669	561	1377	2252	2598	2945	3292	3639						
		561	1377	2252	2598	2945	3292	3639						
9'-8" (116") PRECAST	371	420	834	1253	1671	2089	2507	2925						
		420	834	1253	1671	2089	2507	2925						

8" PRECAST & PRESTRESSED U-LINTELS

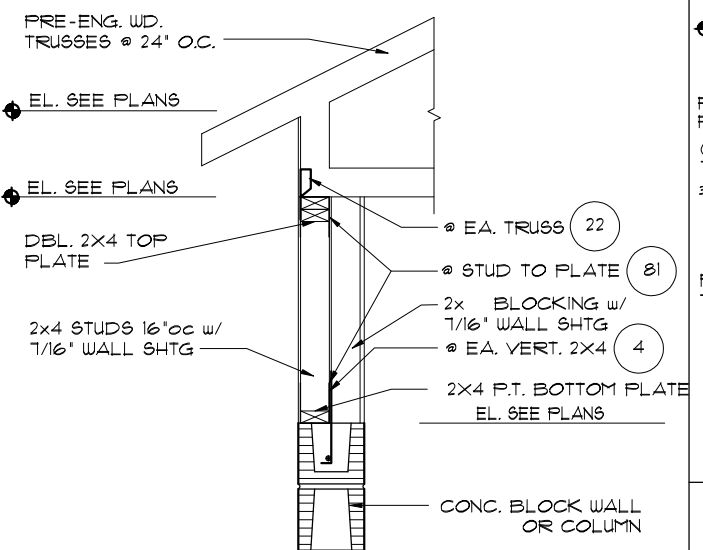
LENGTH	TYPE	8UB	8RUB	UPLIFT										LATERAL	
				8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	8F36-1T	8F40-1T	8F44-1T	8RUB	8RFB
2'-10" (34") PRECAST	2302	2727	2878	4101	5332	6563	7811	9059			2021	2021			
		2727	2878	4101	5332	6563	7811	9059			2021	2021			
3'-6" (42") PRECAST	2302	2165	2289	3260	4237	5219	6204	7192			1291	1291			
		2165	2289	3260	4237	5219	6204	7192			1291	1291			
4'-0" (48") PRECAST	2029	1878	1925	2750	3583	4422	5264	6110			938	938			
		1878	1925	2750	3583	4422	5264	6110			938	938			
4'-6" (54") PRECAST	1660	1762	1762	2501	3257	4010	4767	5525			727	727			
		1762	1762	2501	3257	4010	4767	5525			727	727			
5'-4" (64") PRECAST	1184	1393	1484	2100	2741	3375	4010	4648			505	505			
		1393	1484	2100	2741	3375	4010	4648			505	505			
5'-10" (70") PRECAST	972	1272	1357	1930	2505	3084	3665	4247			418	418			
		1272	1357	1930	2505	3084	3665	4247			418	418			
6'-6" (78") PRECAST	937	1141	1182	1684	2182	2683	3182	3682			307	307			
		1141	1182	1684	2182	2683	3182	3682			307	307			
7'-6" (90") PRECAST	767	999	1029	1466	1907	2351	2797	3245			591	591			
		999	1029	1466	1907	2351	2797	3245			591	591			
9'-4" (112") PRECAST	573	807	812	1150	1499	1850	2201	2552			454	454			
		807	812	1150	1499	1850	2201	2552			454	454			
10'-6" (126") PRECAST	456	716	716	1029	1389	1741	2094	2447			396	396			
		716	716	1029	1389	1741	2094	2447			396	396			
11'-4" (136") PRECAST	445	666	666	935	1250	1565	1880	2195			363	363			
		666	666	935	1250	1565	1880	2195			363	363			
12'-0" (144") PRECAST	414	607	607	830	1091	1342	1593	1844			340	340			
		607	607	830	1091	1342	1593	1844			340	340			
13'-4" (160") PRECAST	362	500	500	682	904	1126	1348	1570			302	302			
		500	500	682	904	1126	1348	1570			302	302			
14'-0" (168") PRECAST	338	458	458	623	835	1047	1259	1471			286	286			
		458	458	623	835	1047	1259	1471			286	286			
14'-8" (176") PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR			NR	NR			
		NR	NR	NR	NR	NR	NR	NR			NR	NR			
15'-4" (184") PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR			NR	NR			
		NR	NR	NR	NR	NR	NR	NR			NR	NR			
17'-4" (208") PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR			NR	NR			
		NR	NR	NR	NR	NR	NR	NR			NR	NR			
19'-4" (232") PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR			NR	NR			
		NR	NR	NR	NR	NR	NR	NR			NR	NR			
21'-4" (256") PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR			NR	NR			
		NR	NR	NR	NR	NR	NR	NR			NR	NR			
22'-0" (264") PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR			NR	NR			
		NR	NR	NR	NR	NR	NR	NR			NR	NR			
24'-0" (288") PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR			NR	NR			
		NR	NR	NR</											



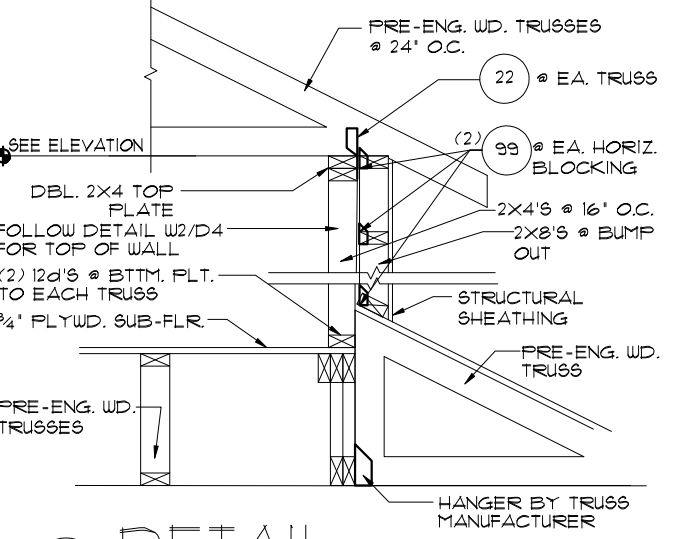
1 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



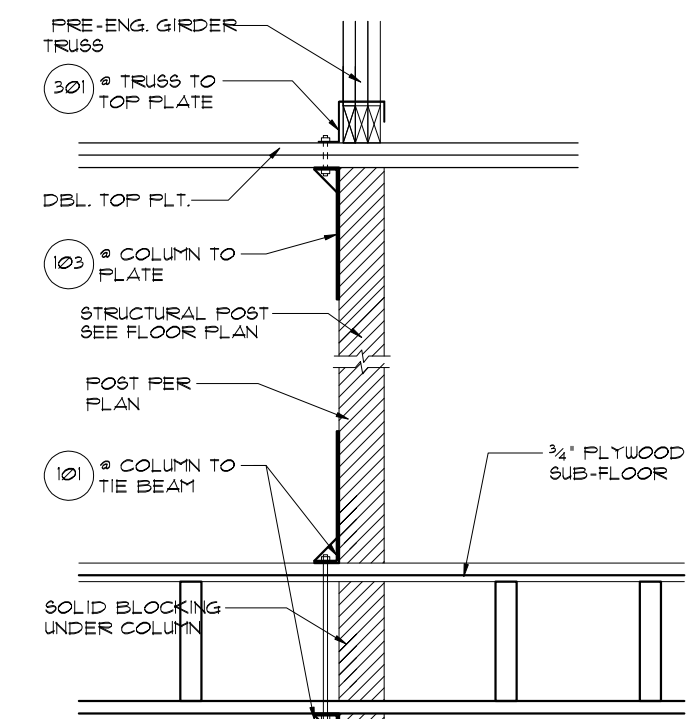
9 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



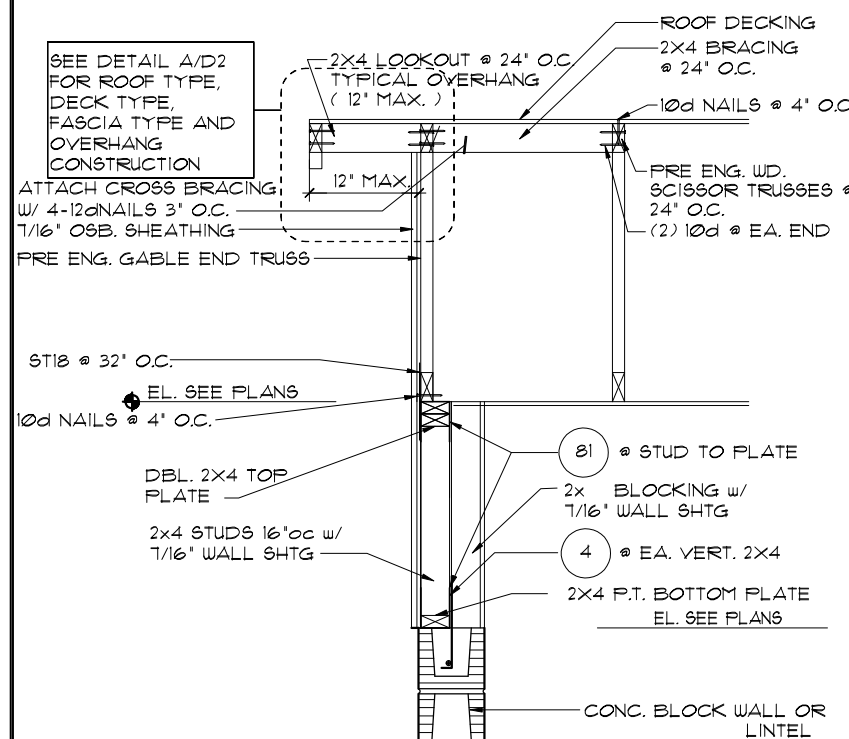
5 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



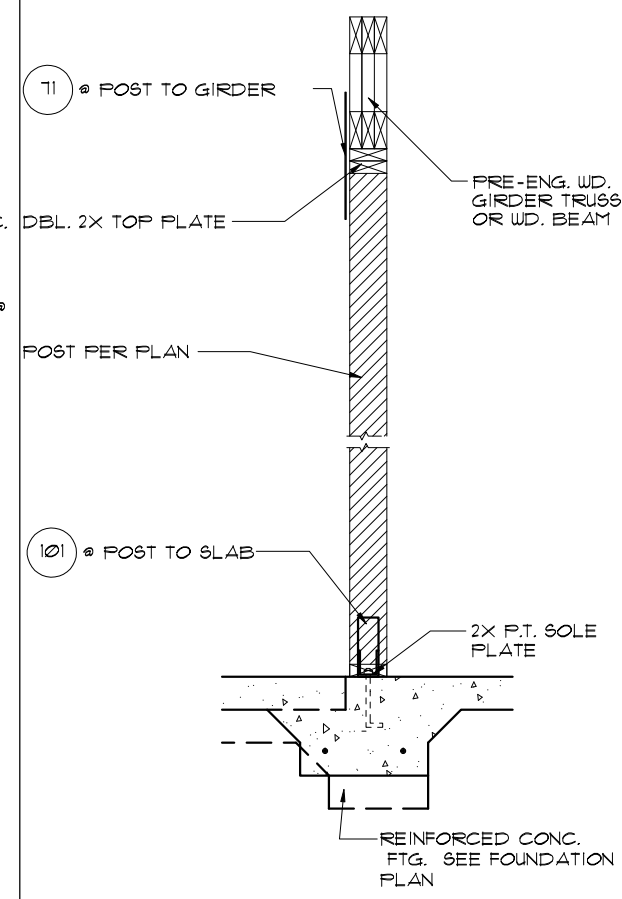
8 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



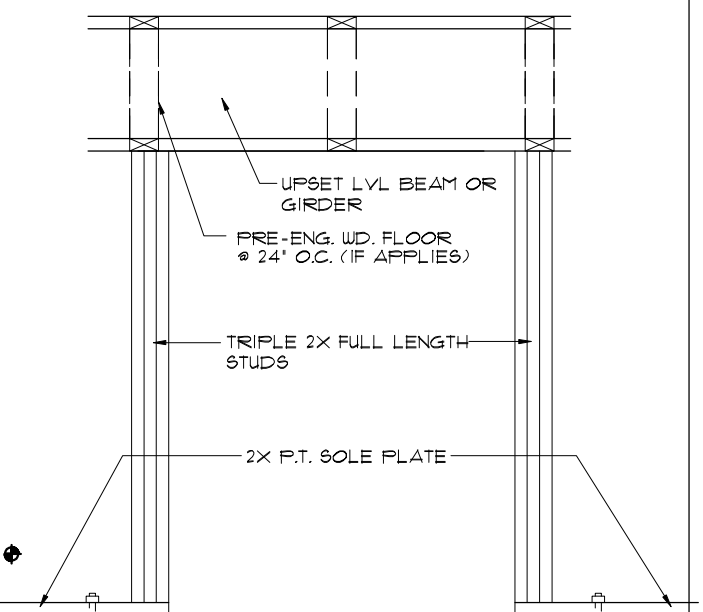
10 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



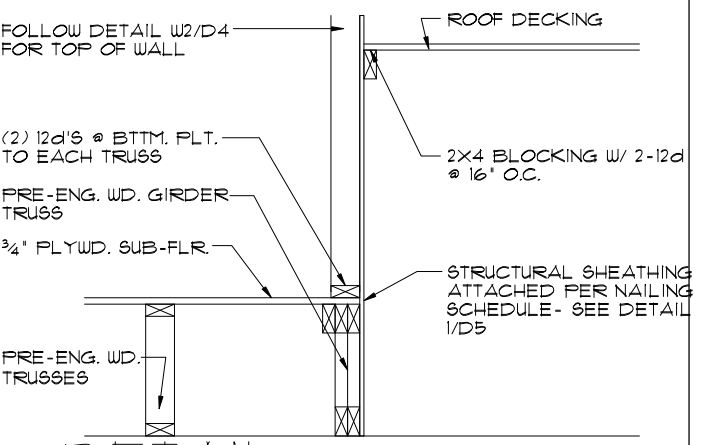
6 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



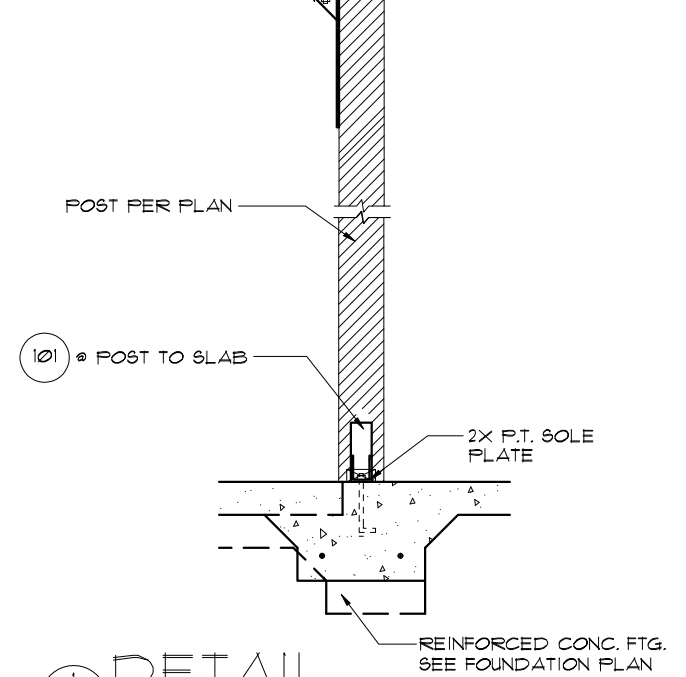
3 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



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



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

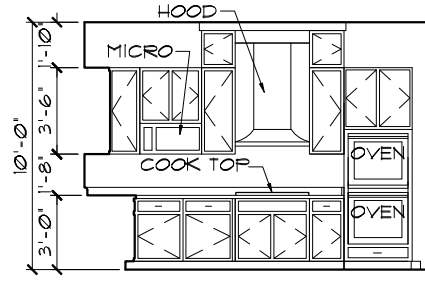
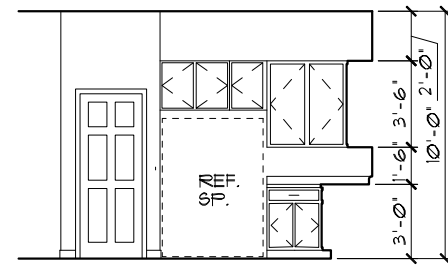
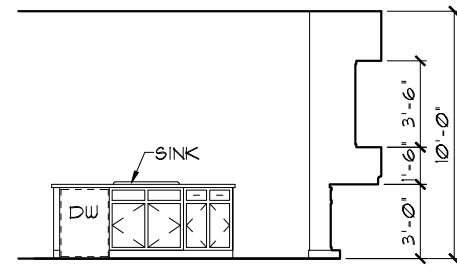


1 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)

LOT: 0000, PARADISO GRANDE
 THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 1st EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

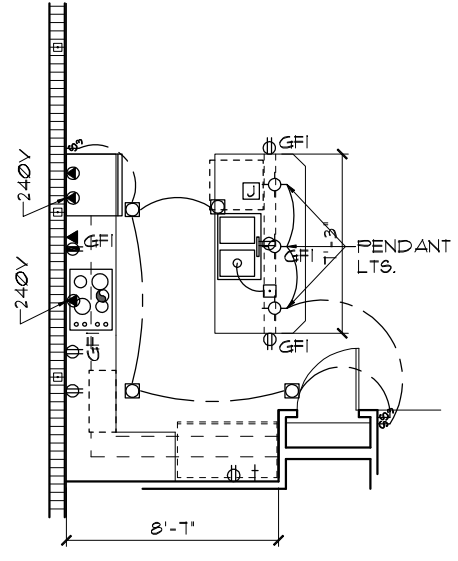
PRE CAST LINTEL DATA / STRUCTURAL DETAILS
 AQUAMARINE
 PARADISO GRANDE
 2913
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 2913
 SHEET 18 OF 18 SHEETS

PARADISO GRANDE
 A DIVISION OF PARK SQUARE ENTERPRISES, INC.
 5200 Vineland Road, Suite 200
 Orlando, Florida, 32811
 Phone: (407) 528-3000
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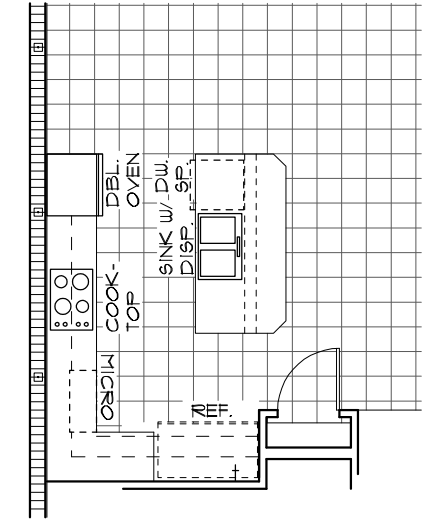
INTERIOR ELEVATIONS

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



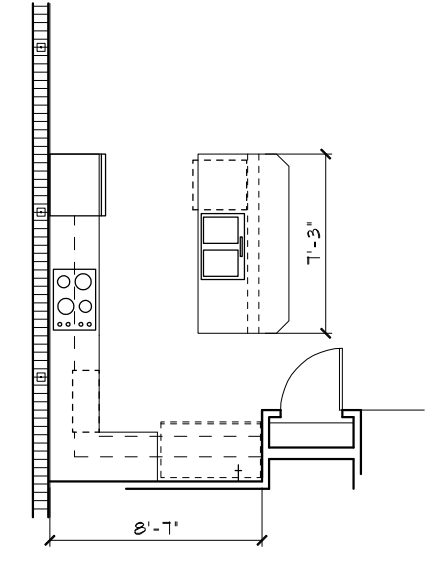
ELECTRICAL PLAN

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



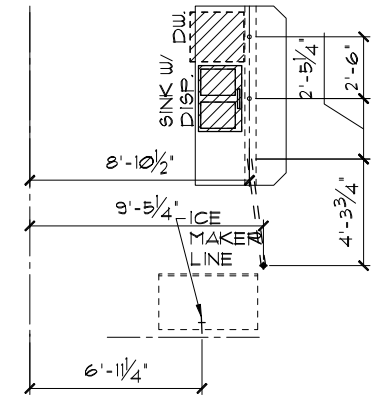
FLOOR PLAN W/ NOTES

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 11th EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

LOT: 0000, PARADISO GRANDE

AQUAMARINE	CROSS SECTION / INTERIOR ELEVATIONS
PARADISO GRANDE	
2913	
DATE 04-09-21	
SCALE AS NOTED	
DRAWN RDC	
JOB 2913	
SHEET 19	
OF SHEETS	

PARADISO GRANDE

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

Park Square HOMES

REVISIONS	BY
<small>ITEG ENGINEERING GROUP, INC. 10000 W. Colonial Ave., Suite 400 Orlando, FL 32817 Tel: (407) 734-1400 Fax: (407) 734-1700 www.iteg.com</small>	

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CROSS SECTION / INTERIOR ELEVATIONS

PARADISO GRANDE