

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
②	04-09-21	-THESE PLANS CREATED USING 2141 SANTA CLARA PLANS DATED 03-04-21 PROVIDED BY PSH	DE
①	06-25-21	-REVISED 2ND FLOOR EXTERIOR FINISH FROM STUCCO TO SMOOTH PANEL BOARD	DH
		-REVISE ALL ARCH SOFFITS TO FLAT	
		-CODE UPDATED TO FBCR 2020, 1TH ED.	
		4 NEC 2017	
△			

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
D1	TYPICAL STRUCTURAL DETAILS
D2.0	TYPICAL STRUCTURAL DETAILS
D3	TYPICAL STRUCTURAL DETAILS
D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL 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
12B.0	UPPER TRUSS LAYOUT
13B.0	PRECAST LINTEL LAYOUT
14	TYPICAL DETAILS/CONNECTOR SCHEDULE
15	TYPICAL DETAILS
16	TYPICAL DETAILS
17	TYPICAL DETAILS
D1	TYPICAL STRUCTURAL DETAILS
D2.0	TYPICAL STRUCTURAL DETAILS
D3	TYPICAL STRUCTURAL DETAILS
D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL 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
07C.0	EXTERIOR ELEVATIONS- LEFT/ RIGHT
08	CROSS SECTION AND INTERIOR ELEVATIONS
09.0	ELECTRICAL PLAN
10	UPPER ELECTRICAL PLAN
11C.0	TRUSS LAYOUT
12C.0	UPPER TRUSS LAYOUT
13C.0	PRECAST LINTEL LAYOUT
14	TYPICAL DETAILS/CONNECTOR SCHEDULE
15	TYPICAL DETAILS
16	TYPICAL DETAILS
17	TYPICAL DETAILS
D1	TYPICAL STRUCTURAL DETAILS
D2.0	TYPICAL STRUCTURAL DETAILS
D3	TYPICAL STRUCTURAL DETAILS
D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL DETAILS

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

LOT: 0000, PARADISO GRANDE

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2913

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET 00

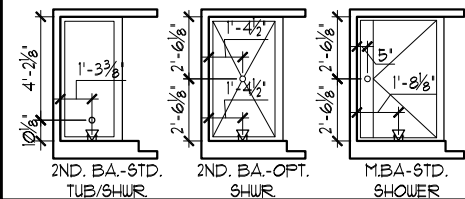
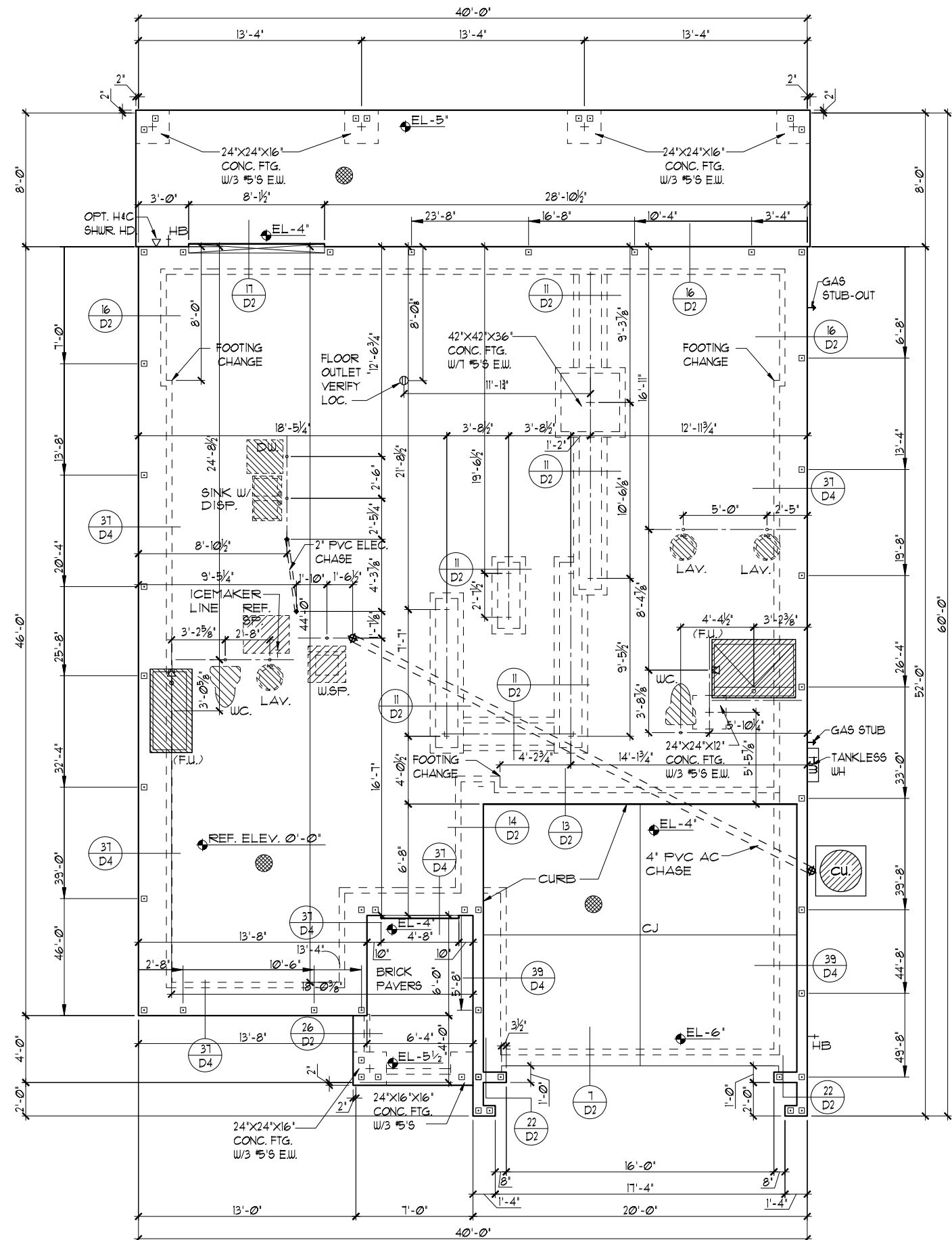
OF SHEETS

COVER SHEET

AQUAMARINE

PARADISO GRANDE

1. CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
2.  DENOTES FILL CELL REINF. W/ CONC. W/ (1) #5@ REBAR. GRADE 60
3.  DENOTES FILL CELL REINF. W/ CONC. W/ (2) #5@ REBAR. GRADE 60
4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
5. 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.
6.  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. WWF 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.
7. PAVERS MAY BE USED ILO CONCRETE SLABS IN PATIO, PORCH, DRIVE AND WALKWAY AREAS. DELETE SLAB IN AREAS PAVERS ARE USED.
8.  STANDARD FOOTING
9. MECHANICAL EQUIP. LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
10. IN LIEU OF TREATING THE SOIL, AN ALTERNATIVE TO TERMITE TREATED SOIL CAN BE TERMICIDE.
11. BORA-CARE TO BE APPLIED ON INTERIOR WALLS IAW MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PURSUANT TO CH.402 FLORIDA BUILDING CODE.
12. TYP. TUB/SHWR. VALVE & DRAIN LOCATIONS


$$1/8^{\circ} = 1^{\circ} - \phi^{\circ} \quad (11 \times 17) \quad 1/4^{\circ} = 1^{\circ} - \phi'' \quad (22 \times 34)$$


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Park Square HOMES

FOUNDATION PLAN

AQUAMARINE

PARADISO GRANDE

2913

DATE 04-09

SCALE AS NOTED

DRAWN _____ RE _____

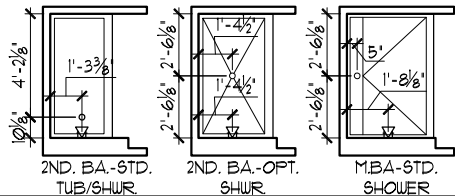
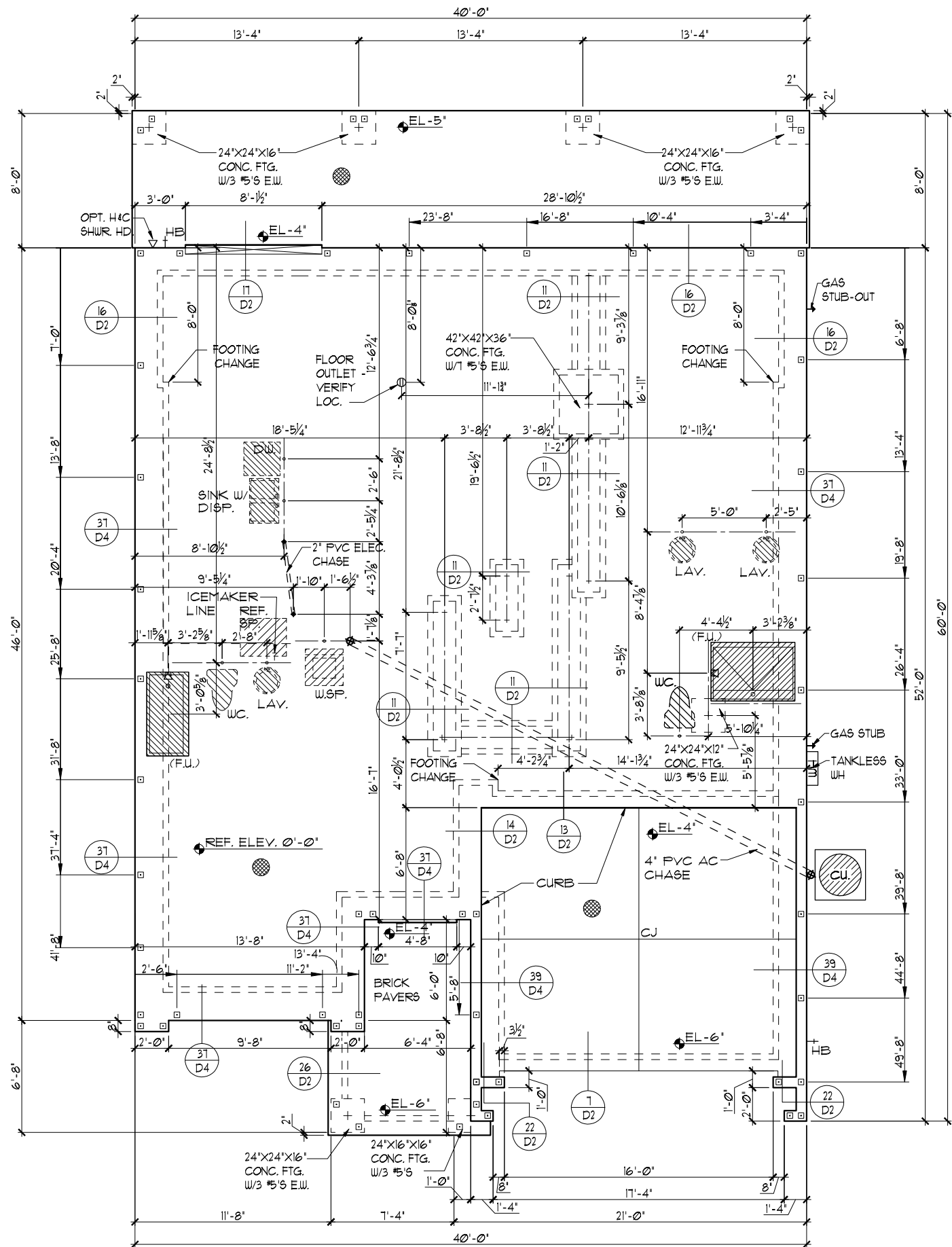
JOB 29

GUEST

01A C

OF SHEET

1. CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
2. □ DENOTES FILL CELL REINF. W/ CONC.
W/ (1) #5@ REBAR. GRADE 60
3. ■ DENOTES FILL CELL REINF. W/ CONC.
W/ (2) #5@ REBAR. GRADE 60
4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
5. 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.
6. ● 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 2006mm (6 mil) POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL. WUF 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.
7. PAVERS MAY BE USED ILO CONCRETE SLABS IN PATIO, PORCH, DRIVE AND WALKWAY AREAS. DELETE SLAB IN AREAS PAVERS ARE USED.
8. $\left(\frac{X}{X}\right)$ STANDARD FOOTING
9. MECHANICAL EQUIP. LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
10. IN LIEU OF TREATING THE SOIL, AN ALTERNATIVE TO TERMITE TREATED SOIL CAN BE TERMICIDE.
11. BORA-CARE TO BE APPLIED ON INTERIOR WALLS IAW MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PURSUANT TO CH.402 FLORIDA BUILDING CODE.
12. TYP. TUB/SHWR. VALVE & DRAIN LOCATIONS


$$1/8'' = 1' - 0'' \quad (11 \times 17) \quad 1/4'' = 1' - 0'' \quad (22 \times 34)$$


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

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Park Square HOMES

FOUNDATION PLAN

AQUAMARINE

PARADISO GRANDE

2913

DATE 04-09

DRAWN RE

JOB 29

SHEET

01B.C
OF SHEET

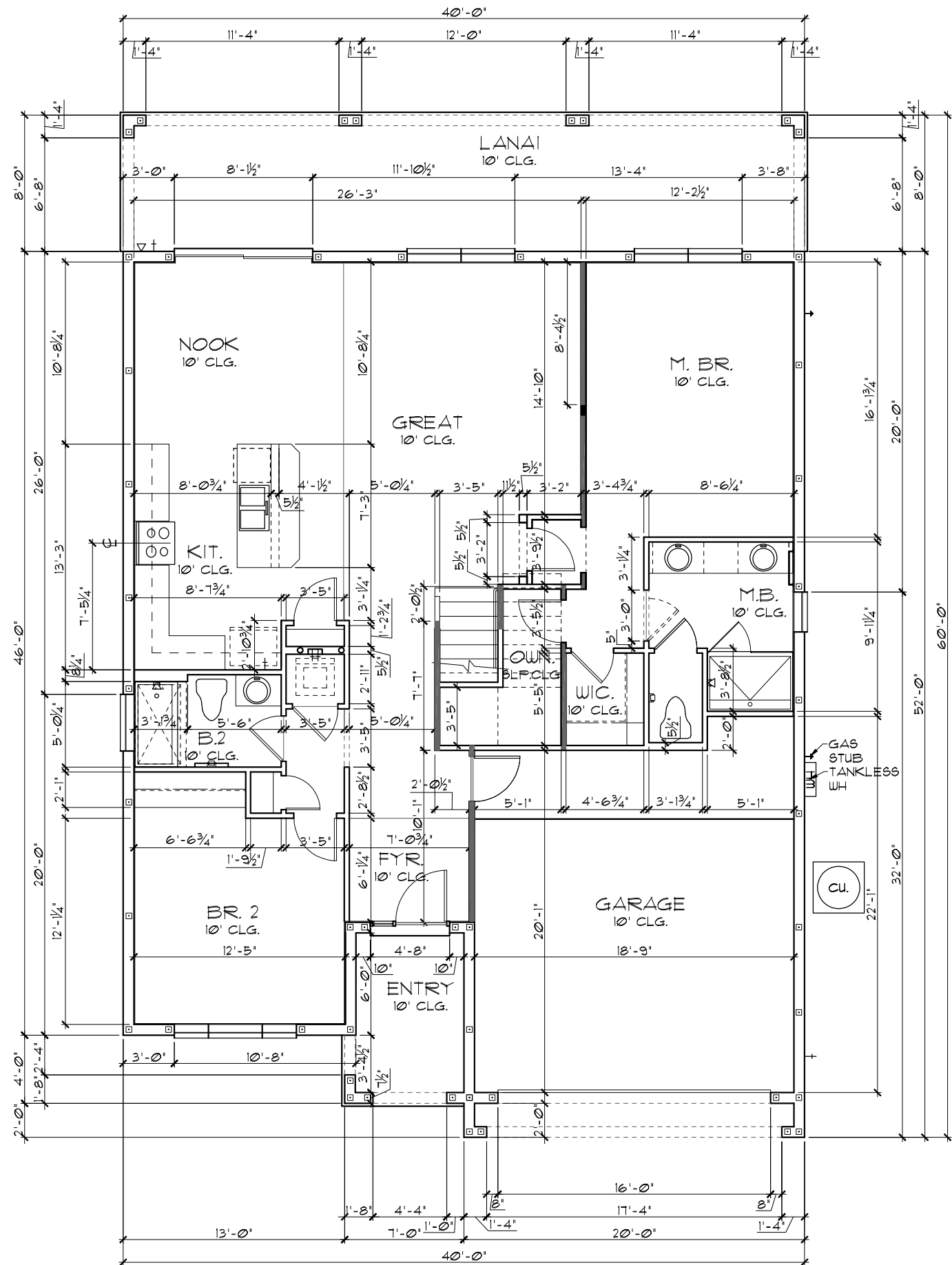
TABULATION	
UPPER LIVING -----	1,450 SF.
LOWER LIVING -----	1,463 SF.
TOTAL LIVING -----	2,913 SF.
GARAGE -----	419 SF.
ENTRY -----	106 SF.
LANAI -----	320 SF.
TOTAL UNDER ROOF	3,758 SF.

GENERAL NOTES

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 $3\frac{1}{2}"$ UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE $1\frac{1}{2}"$ UNLESS NOTED OTHERWISE.
5. ALL INTERIOR CEILINGS AT 10'-0" UNLESS NOTED OTHERWISE.
6. GENERAL EQUIPMENT LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.

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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 3½" UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 1½" UNLESS NOTED OTHERWISE.
5. ALL INTERIOR CEILINGS AT 10'-0" UNLESS NOTED OTHERWISE.
6. MECHANICAL EQUIPMENT LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.

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

$$1/8^s = 1' - 0^s \text{ (11x17)} \quad 1/4^s = 1' - 0^s \text{ (22x34)}$$


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LOT: 0000, PARADISO GRANDE

AQUAMARINE

PARADISO GRANDE

2913

SCALE AS NOTE

DRAWN RC

JOB 29

SHEET 11 OF 11

02A.C

PARADISO GRANDE

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Park Square HOMES

REVISIONS	B

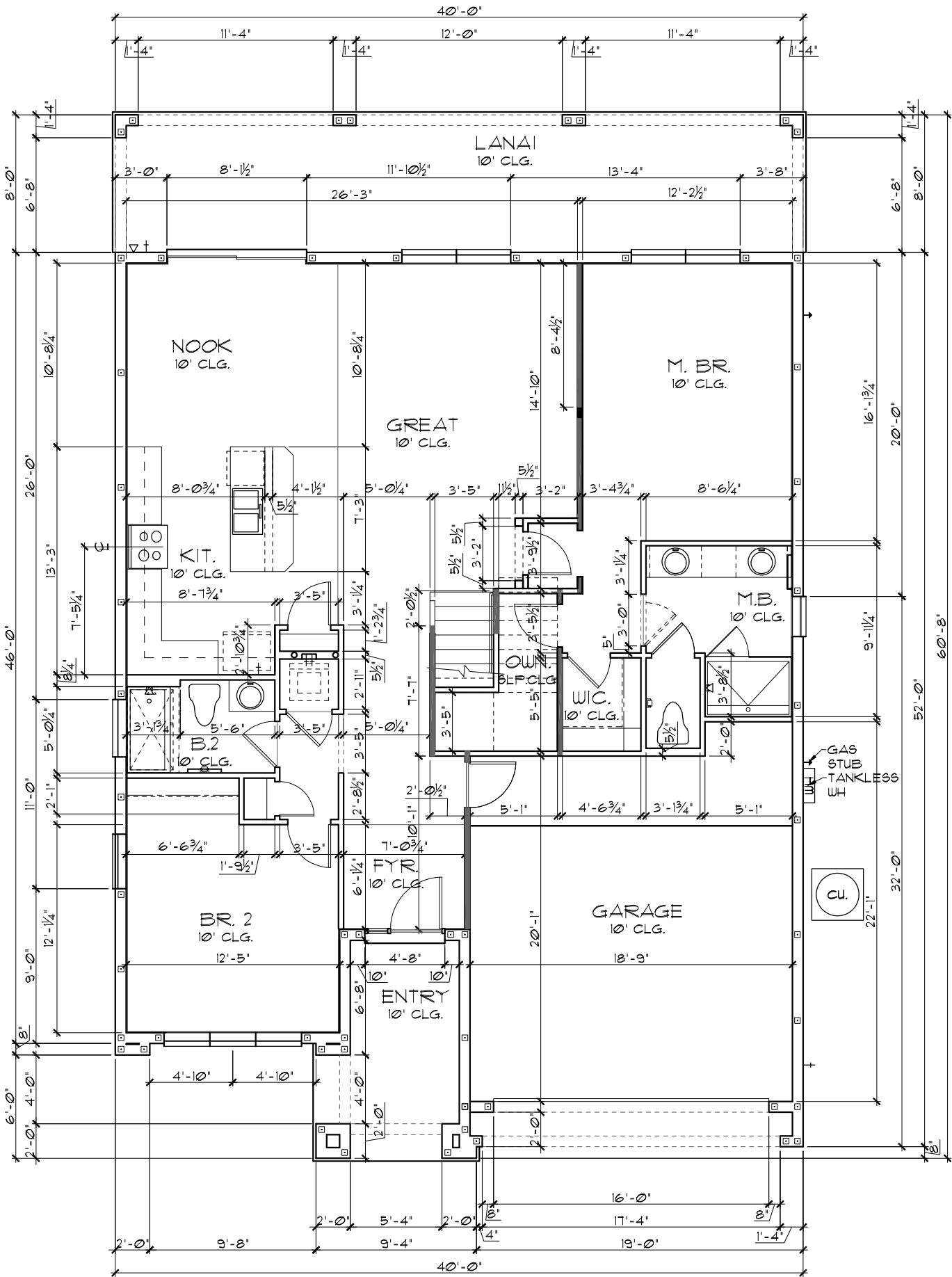
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TABULATION	
UPPER LIVING	1,450 SF.
LOWER LIVING	1,463 SF.
TOTAL LIVING	2,913 SF.
GARAGE	419 SF.
ENTRY	134 SF.
LANAI	320 SF.
TOTAL UNDER ROOF	3,786 SF.

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.
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4.	ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 1½" UNLESS NOTED OTHERWISE.
5.	ALL INTERIOR CEILINGS AT 10'-0" UNLESS NOTED OTHERWISE.
6.	MECHANICAL EQUIPMENT LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.

FLOOR PLAN W/ DIMENSIONS "B"

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



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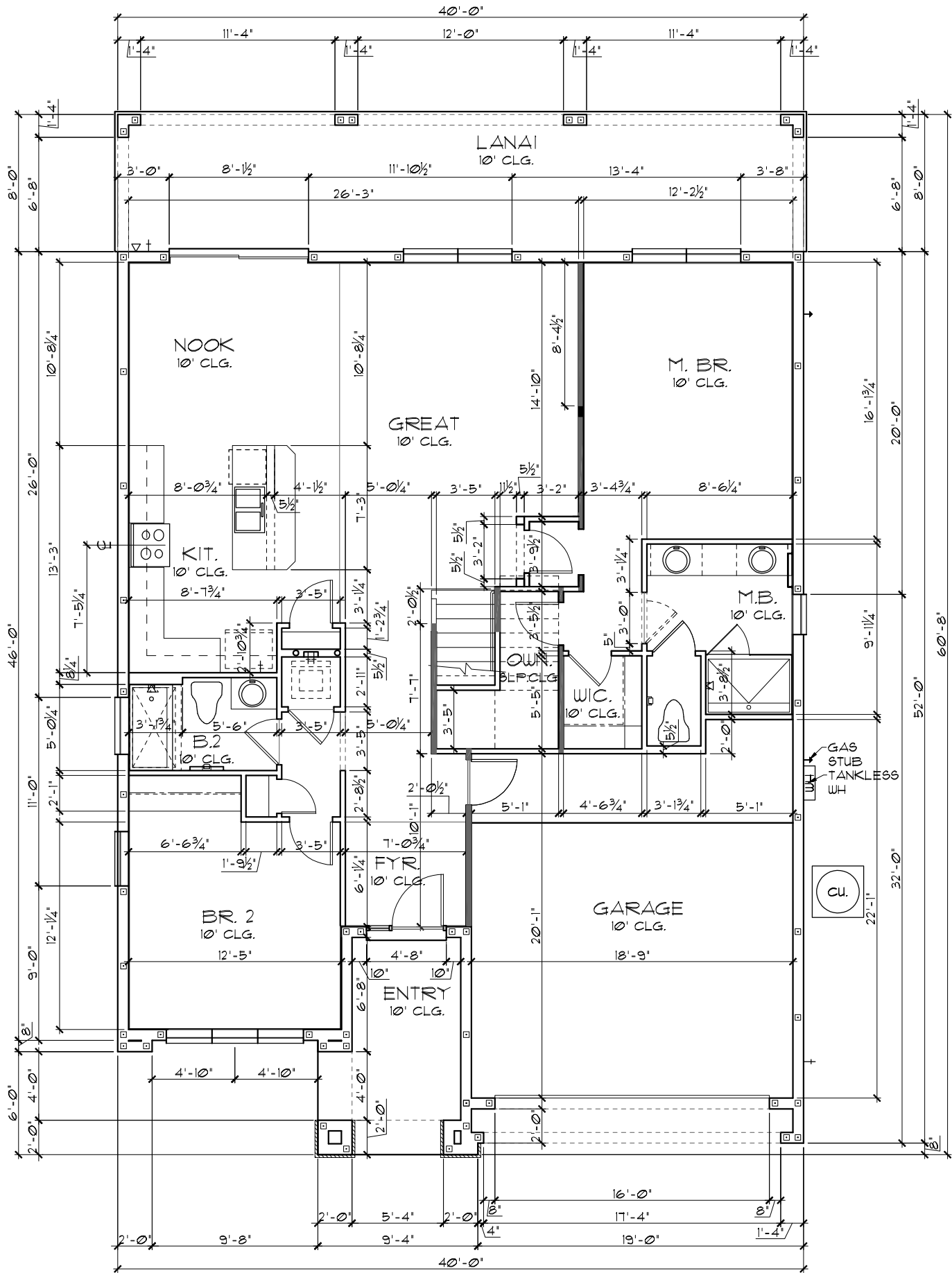
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FLOOR PLAN W/ DIMENSIONS		Park Square HOMES
AQUAMARINE		PARADISO GRANDE
2913		
DATE 04-09-21		
SCALE AS NOTED		
DRAWN RDC		
JOB 2913		
SHEET		
02B.0		
OF SHEETS		

TABULATION	
UPPER LIVING	1,450 SF.
LOWER LIVING	1,463 SF.
TOTAL LIVING	2,913 SF.
GARAGE	419 SF.
ENTRY	134 SF.
LANAI	320 SF.
TOTAL UNDER ROOF	3,786 SF.

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 3½" UNLESS NOTED OTHERWISE.
4.	ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 1½" UNLESS NOTED OTHERWISE.
5.	ALL INTERIOR CEILINGS AT 10'-0" UNLESS NOTED OTHERWISE.
6.	MECHANICAL EQUIPMENT LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.

FLOOR PLAN W/ DIMENSIONS "C"

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



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PARADISO GRANDE

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FLOOR PLAN W/ DIMENSIONS		Park Square HOMES
AQUAMARINE		PARADISO GRANDE
2913		
DATE 04-09-21		
SCALE AS NOTED		
DRAWN RDC		
JOB 2913		
SHEET		
02C.0		
OF SHEETS		

NOTE: DOOR FROM HOUSE TO GARAGE MUST BE SELF CLOSING IAW R302.5.1

LOAD INFORMATION

PER 7TH 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
STAIR LIVE LOAD: -----40 PSF

ROOF LIVE LOADS

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

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

WIND INFORMATION

PER 7TH EDITION, 2020 FLORIDA BUILDING
RESIDENTIAL CODE

1. BASIC WIND SPEED: -----140 MPH
2. WIND IMPORTANCE FACTOR:-----N/A
3. BUILDING CATEGORY: ----- B
4. INTERNAL PRESSURE ---- +/- .18, INCLUDED
COEFFICIENT: IN NOTE #5
5. 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

1. PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
2. VENT DRYER THRU EXTERIOR WALL.
3. PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
5. MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.

6.  DENOTES CONC. BLOCK WALL HGT. @ 10'-0" A.F.F.
-  DENOTES CONC. BLOCK WALL HGT. @ N/A

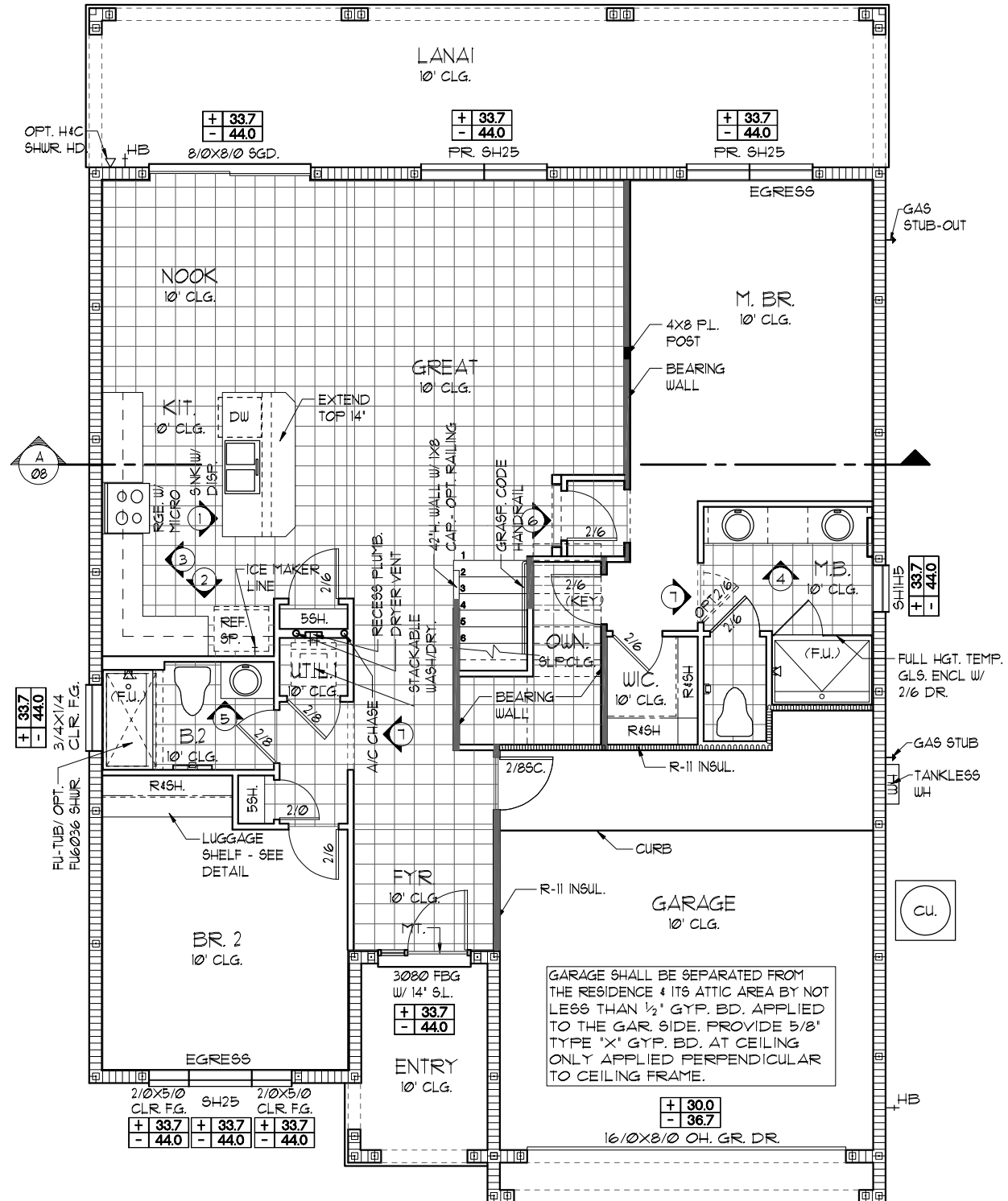
1. REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
2. REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
3. ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 307.3 + I307.3.1
10. ALL INTER. FIRST FLOOR CEILINGS AT 10'-0" UNLESS NOTED OTHERWISE.
- ALL INTER. SECOND FLOOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.

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. 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: ALL INTERIOR DOORS ON THIS FLOOR TO BE: **8'-0"** U.N.O. - VERIFY WITH COLOR SHEET.

FLOOR PLAN W/ NOTES "A"

$$1/8'' = 1' - \emptyset' \quad (11 \times 17) \quad 1/4'' = 1' - \emptyset'' \quad (22 \times 34)$$

PARADISO GRANDE

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PHONE 407-721-2292

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Park Square HOMES

FLOOR PLAN W/ NOTES

AQUAMARINE

PARADISO GRANDE

2913

SCALE AS NOTED

DRAWN RD

JOB 291

SHEET
03A.C
OF SHEET

EGRESS WINDOW SCHEDULE- R310.2.1- FBCR2020

03B.0
OF SHEETS

NOTE: DOOR FROM HOUSE TO GARAGE MUST BE SELF CLOSING IAW R302.5.1

LOAD INFORMATION

PER 11TH 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
STAIR LIVE LOAD: -----40 PSF

ROOF LIVE LOADS

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

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

WIND INFORMATION

PER 11TH EDITION, 2020 FLORIDA BUILDING
RESIDENTIAL CODE



1. BASIC WIND SPEED: -----140 MPH
2. WIND IMPORTANCE FACTOR:-----N/A
3. BUILDING CATEGORY:----- B
4. INTERNAL PRESSURE ---- +/- .18, INCLUDED
COEFFICIENT: IN NOTE #5
5. COMPONENT / CLADDING ----- SEE PLAN
DESIGN WIND PRESSURE:

+	XXX	DESIGN WIND PRESSURE 1AW FLA
-	XXX	RESIDENTIAL CODE, SECTION R301

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

GENERAL NOTES

1. PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
2. VENT DRYER THRU EXTERIOR WALL.
3. PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
5. MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.

6.  DENOTES CONC. BLOCK WALL HGT. @ 10'-0" A.F.F.
-  DENOTES CONC. BLOCK WALL HGT. @ N/A

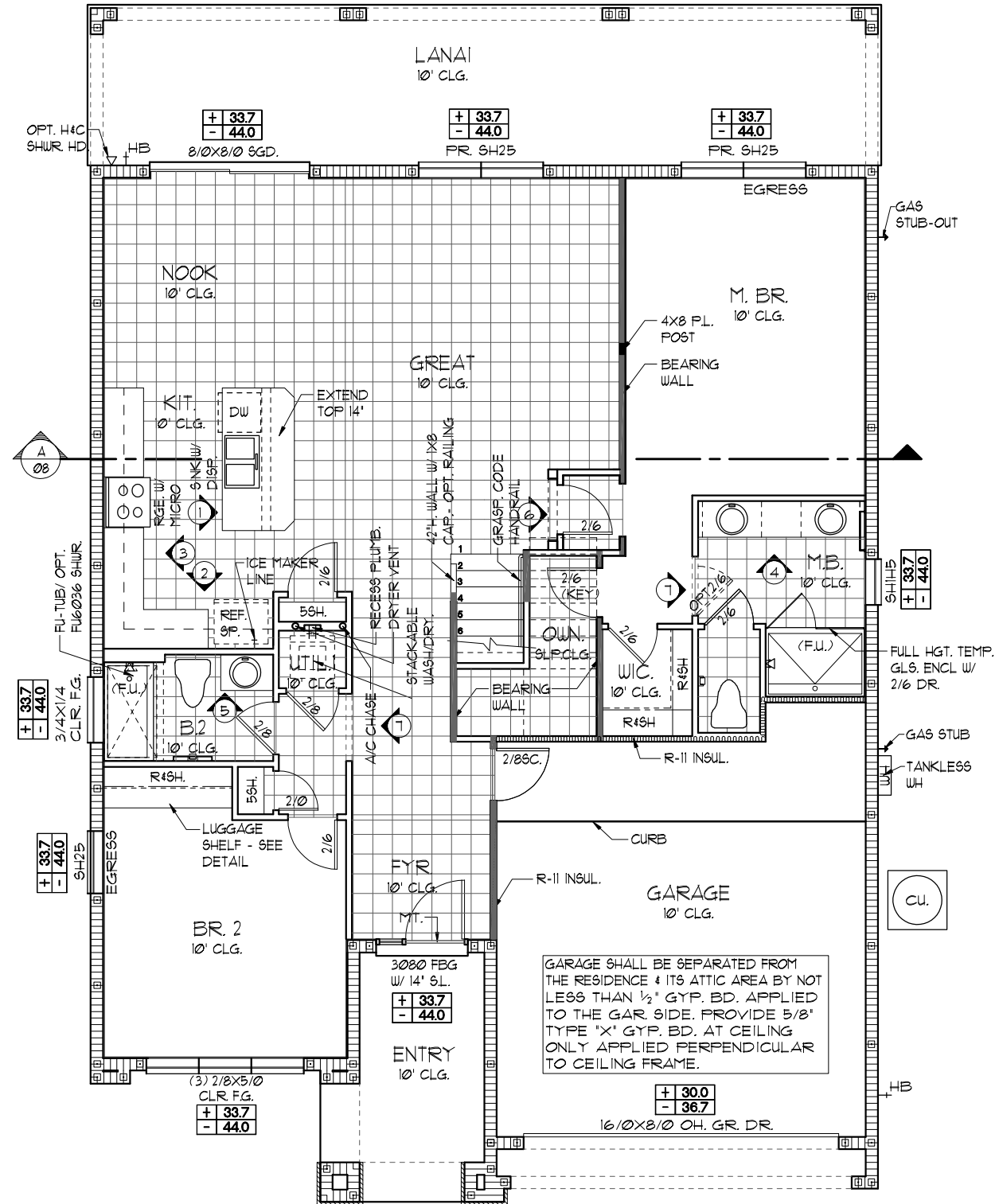
1. REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
2. REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
3. ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 3Ø7.3 + 13Ø7.3.1
4. ALL INTER. FIRST FLOOR CEILINGS AT **10'-0"** UNLESS NOTED OTHERWISE.
5. ALL INTER. SECOND FLOOR CEILINGS AT **9'-0"** UNLESS NOTED OTHERWISE.

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. 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: ALL INTERIOR DOORS ON THIS FLOOR TO BE: **8'-0"** U.N.O. - VERIFY WITH COLOR SHEET.

FLOOR PLAN W/ NOTES "C"

$$1/8'' = 1' - \emptyset' \quad (11 \times 17) \quad 1/4'' = 1' - \emptyset'' \quad (22 \times 34)$$

PARADISO GRANDE

Engineering By: DBE and C	REVISIONS	E
MICHAEL A. THOMPSON		
PE 47509		
PHONE 407-721-2292		

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

**Park
Square
HOMES**

FLOOR PLAN W/ NOTES

AQUAMARINE

PARADISO GRANDE

2913

DATE 04-09

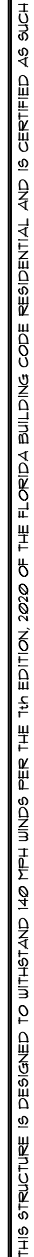
SCALE AS NOTED

DRAWN RE

SHEET

03C.C
OF SHEET

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 $3\frac{1}{2}"$ UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE $1\frac{1}{2}"$ 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.

$$1/8'' = 1' - \emptyset' \quad (11 \times 17) \quad 1/4'' = 1' - \emptyset'' \quad (22 \times 34)$$


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JOB	291
SHEET	

DRAWN	RDC
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SCALE AS NOTED

DATE 04-09-2

2913

AQUAMARINE
PARADISO GRANDE

UPPER FLOOR PLAN W/
DIMENSIONS

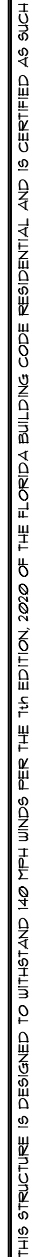
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Orlando, Florida 32811
Phone: (407) 529 - 3000**

Engineering By:
DBE and C
MICHAEL A. THOMPSON
PE 47509
PHONE 407-721-2292

REVISIONS	BY

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 $3\frac{1}{2}"$ UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE $1\frac{1}{2}"$ 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.

$$1/8'' = 1' - 0'' \quad (11 \times 17) \quad 1/4'' = 1' - 0'' \quad (22 \times 34)$$


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AQUAMARINE

PARADISO GRANDE

UPPER FLOOR PLAN W/
DIMENSIONS

Park Square HOMES

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

Engineering By: DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292	REVISIONS	BY

PARADISO GRANDE

- 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 3½" UNLESS NOTED OTHERWISE.

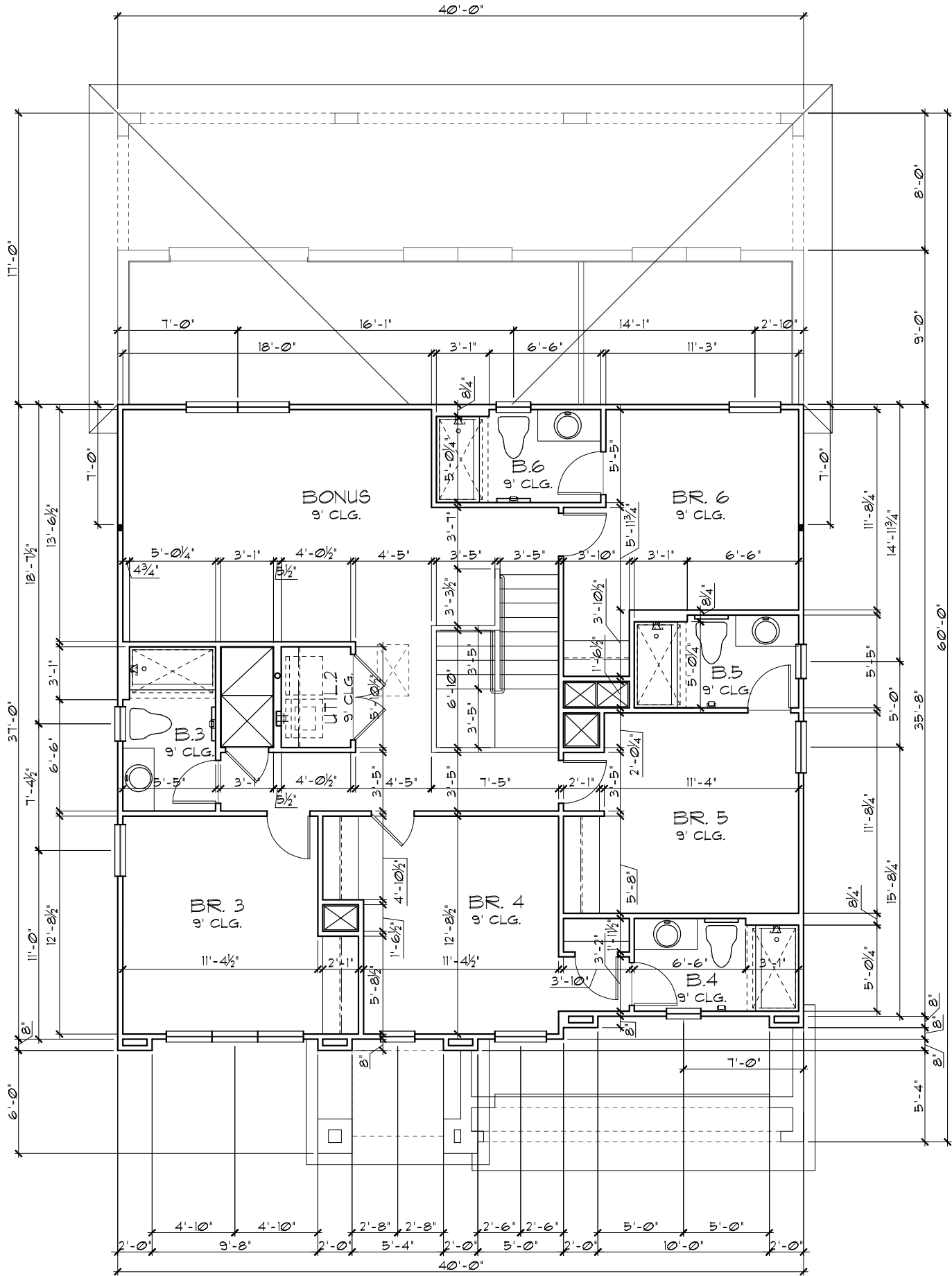
4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 1½" UNLESS NOTED OTHERWISE.

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

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PARADISO GRANDE

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AQUAMARINE		UPPER FLOOR PLAN W/ DIMENSIONS		Engineering By: DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292	
2913		DATE 04-09-21		A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529 - 3000	
SCALE AS NOTED		DRAWN RDC		REVISIONS	
JOB 2913		SHEET 04C.0		BY	
OF 9 SHEETS					

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. 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: DOOR FROM HOUSE TO GARAGE MUST BE SELF CLOSING IAW R302.5.1

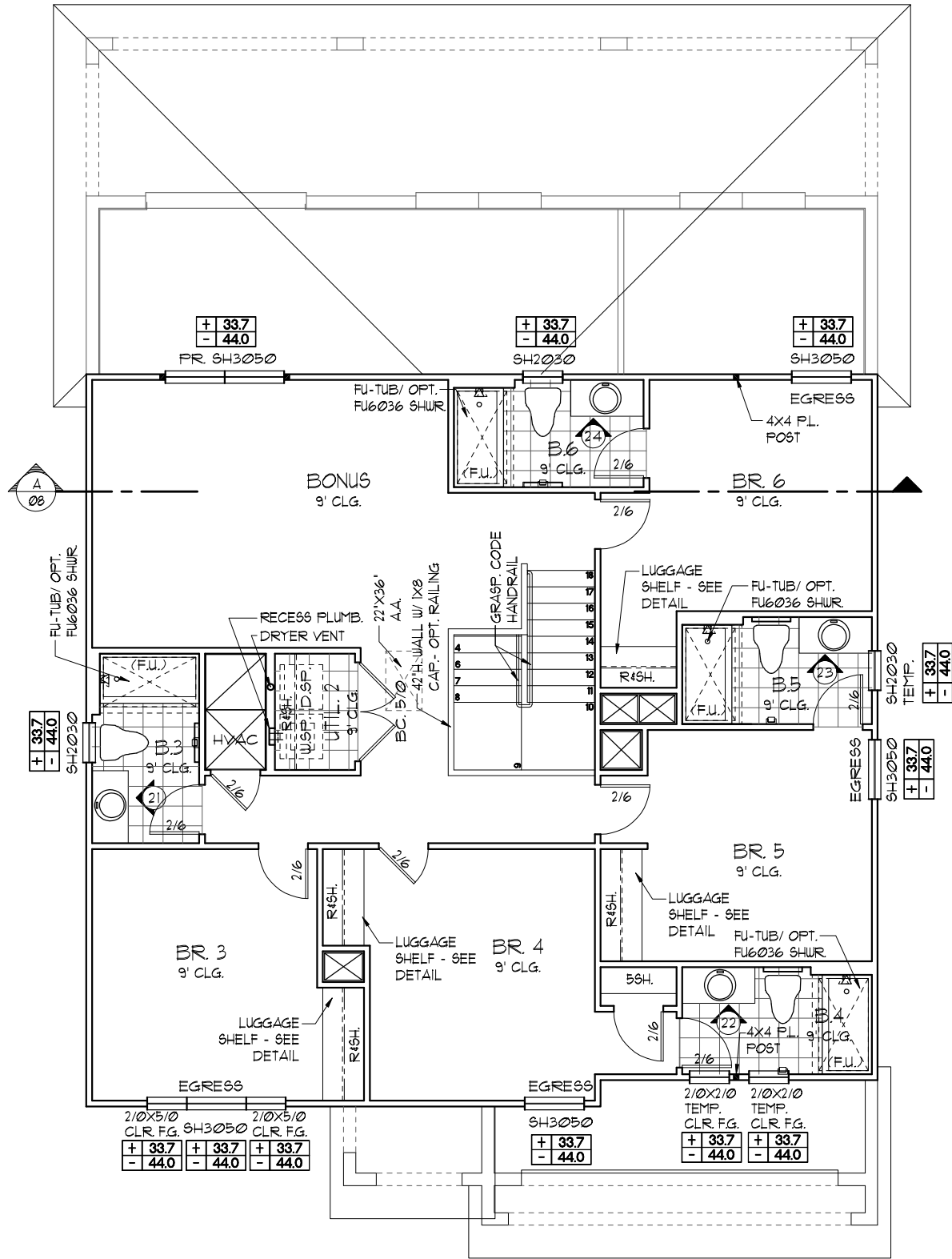
LOAD INFORMATION	
PER 1TH EDITION, 2020 FLORIDA BUILDING RESIDENTIAL CODE	
DEAD LOADS	
FLOOR: STRUCTURE	1 PSF
CEILING	3 PSF
MECH/ELEC	5 PSF
PARTITIONS	5 PSF
TOTAL	20 PSF
ROOF: SHEATHING	5 PSF
STRUCTURE	1 PSF
CEILING	3 PSF
MECH/ELEC	5 PSF
TOTAL	20 PSF
FLOOR LIVE LOADS	
RESIDENTIAL FLOOR:	40 PSF
STAIR LIVE LOAD:	40 PSF
ROOF LIVE LOADS	
MINIMUM ROOF LIVE LOAD (PSF)	
TRIBUTARY LOADED AREA (SQ. FT.)	
FOR ANY STRUCTURAL MEMBER	
ROOF SLOPE	0-200 201-600 OVER 600
0:12 < 4:12	20 16 12
≥ 4:12 < 12:12	16 14 12
≥ 12:12	12 12 12

- | WIND INFORMATION | |
|---|--------------------------------|
| PER 1TH EDITION, 2020 FLORIDA BUILDING RESIDENTIAL CODE | |
| 1. BASIC WIND SPEED: | 140 MPH |
| 2. RISK CATEGORY: | II |
| 3. WIND EXPOSURE: | B |
| 4. INTERNAL PRESSURE COEFFICIENT: | +/- .18, INCLUDED IN NOTE #5 |
| 5. 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.
 - REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
 - ALL 2ND. FLR. INTERIOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.

UPPER FLOOR PLAN NOTES "A"

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



NOTE: ALL INTERIOR DOORS ON THIS FLOOR TO BE: 6'-8" UNO. - VERIFY WITH COLOR SHEET.

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

LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

Engineering By
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2913

DATE 04-09-21

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JOB 2913

SHEET 05A.0

OF SHEETS

REVISIONS

BY

FLOOR PLAN W/ NOTES

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

- 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

FLOOR: STRUCTURE	-----	1 PSF
CEILINGS	-----	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

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

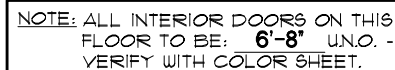
ROOF SLOPE	0-200	201-600	OVER 600
0:12 < 4:12	20	16	12
≥ 4:12 < 12:12	16	14	12
≥ 12:12	12	12	12

1. BASIC WIND SPEED: -----140 MPH
2. RISK CATEGORY: ----- II
3. WIND EXPOSURE: ----- B
4. INTERNAL PRESSURE ----- +/- .18, INCLUDED
COEFFICIENT: IN NOTE #5
5. COMPONENT / CLADDING ----- SEE PLAN
DESIGN WIND PRESSURE:

+	XXX	DESIGN WIND PRESSURE 1AW FLA
-	XXX	RESIDENTIAL CODE, SECTION R30

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

1. PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
2. VENT DRYER THRU ROOF.
3. PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
5. REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
6. ALL 2ND. FLR. INTERIOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.

$$1/8'' = 1' - \emptyset' \quad (11 \times 17) \quad 1/4'' = 1' - \emptyset'' \quad (22 \times 34)$$


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...manner of form whatsoever...
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PARADISO GRANDE

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OF	SHEET

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. 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: DOOR FROM HOUSE TO GARAGE MUST BE SELF CLOSING IAW R302.5.1

LOAD INFORMATION

PER 1TH 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
STAIR LIVE LOAD:	-----	40 PSF

ROOF LIVE LOADS

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

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

WIND INFORMATION

PER 1TH EDITION, 2020 FLORIDA BUILDING RESIDENTIAL CODE

- BASIC WIND SPEED: -----140 MPH
- RISK CATEGORY: ----- II
- WIND EXPOSURE: ----- B
- INTERNAL PRESSURE ----- +/- .18, INCLUDED COEFFICIENT: IN NOTE #5
- COMPONENT / CLADDING ----- SEE PLAN DESIGN WIND PRESSURE:

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

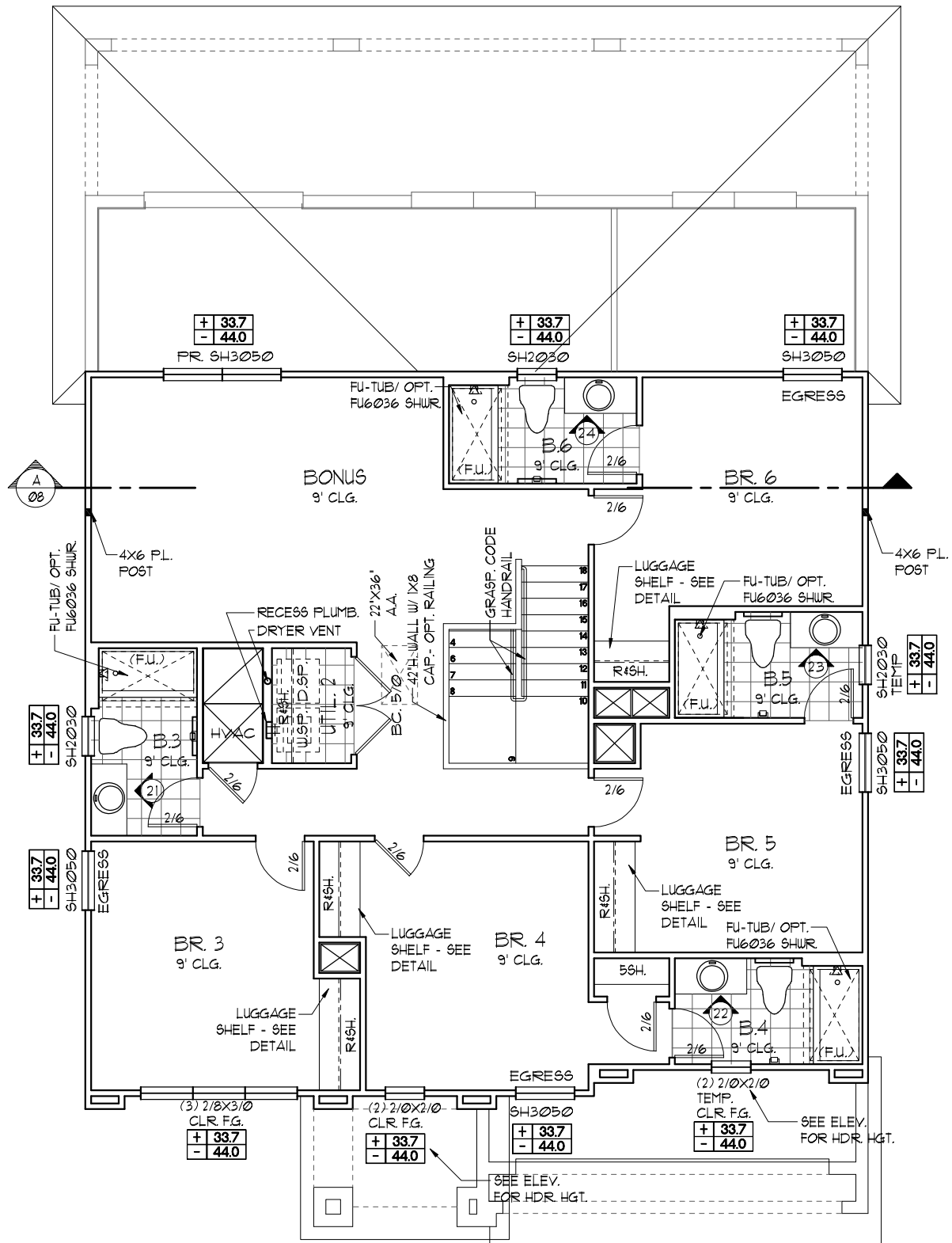
NOTE: DESIGN PRESSURES BASED ON BASIC WIND SPEED AND NOT ULTIMATE WIND SPEED.

GENERAL NOTES

- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
- VENT DRYER THRU ROOF.
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- REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
- ALL 2ND. FLR. INTERIOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.

UPPER FLOOR PLAN NOTES "C"

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



NOTE: ALL INTERIOR DOORS ON THIS FLOOR TO BE: 6'-8" UNO. - VERIFY WITH COLOR SHEET.

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

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AQUAMARINE

FLOOR PLAN W/ NOTES

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

Engineering By:
DBE and C
MICHAEL A. THOMPSON
PE 47509
PHONE 407-721-2292

REVISIONS	BY
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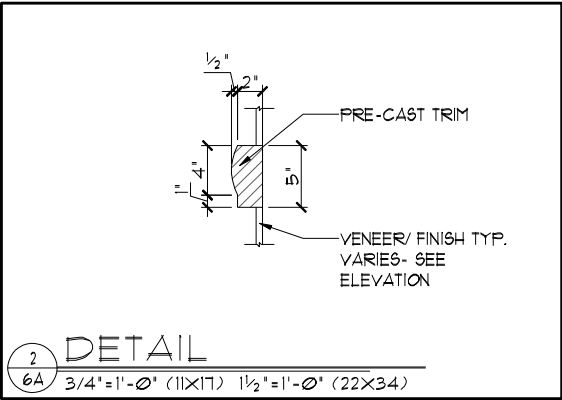
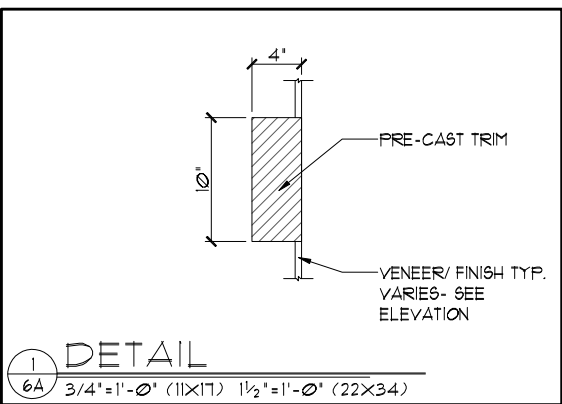
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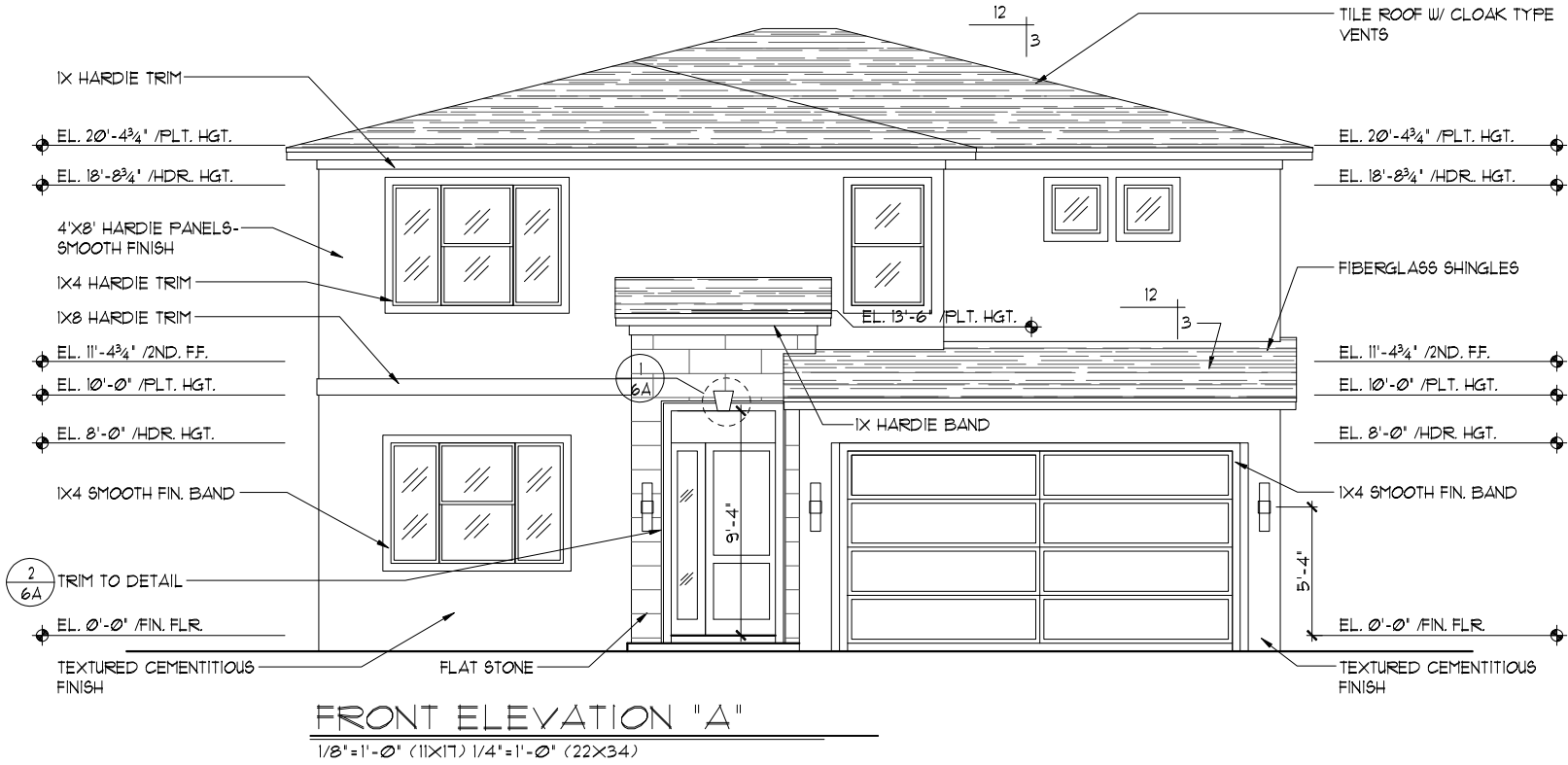
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- EXTERIOR FINISH NOTES**
1. LATH TO BE ATTACHED IAW R103.1.1 OF THE 11TH EDITION, FBCR 2020
 2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.1.2 OF THE 11TH EDITION, FBCR 2020
 3. WEEP SCREED TO BE INSTALLED IAW R103.1.2.1 OF THE 11TH 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.



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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REVISIONS		BY
Engineering By: DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292		
A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529 - 3000		
Park Square HOMES		
EXTERIOR ELEVATION "A" FRONT AND REAR		
AQUAMARINE		
PARADISO GRANDE		
2913		
DATE 04-09-21		
SCALE AS NOTED		
DRAWN RDC		
JOB 2913		
SHEET 06A.0		
OF SHEETS		

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.



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

REVISIONS

BY

2913

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET 06B.0

OF SHEETS

PARADISO GRANDE

EXTERIOR ELEVATION "B"
FRONT AND REAR

AQUAMARINE

2913

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET 06B.0

OF SHEETS

PARADISO GRANDE

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.



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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Engineering By: DBE and C, MICHAEL A. THOMPSON, PE 47509, PHONE 407-721-2292

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REVISIONS BY

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET 06C.0 OF 06

AQUAMARINE

PARADISO GRANDE

EXTERIOR ELEVATION "C"
FRONT AND REAR

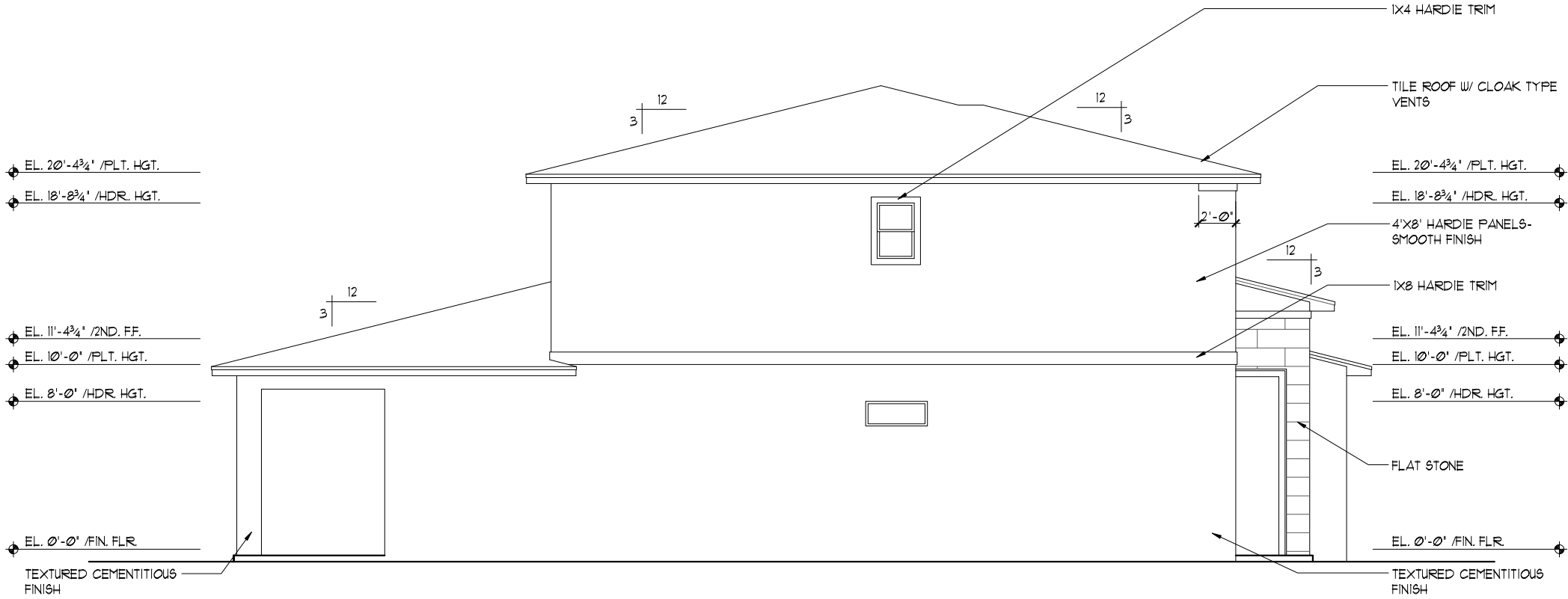
Park Square HOMES

PARADISO GRANDE

2913

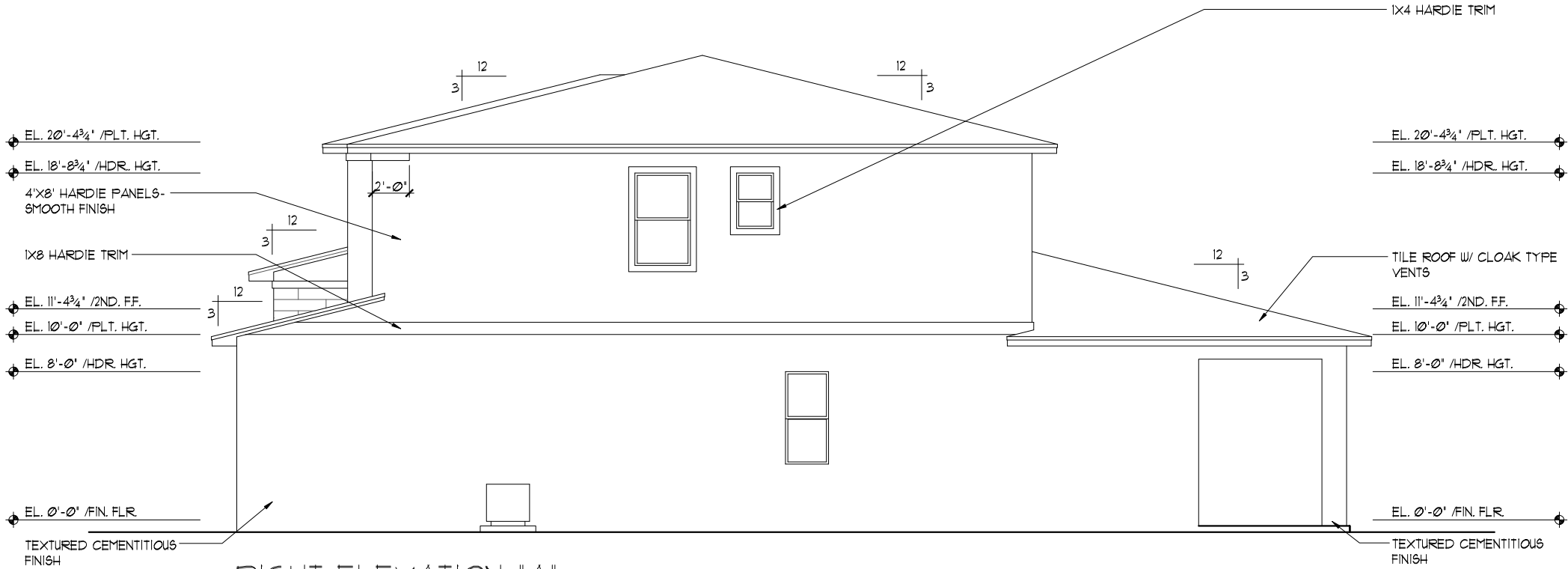
EXTERIOR FINISH NOTES

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

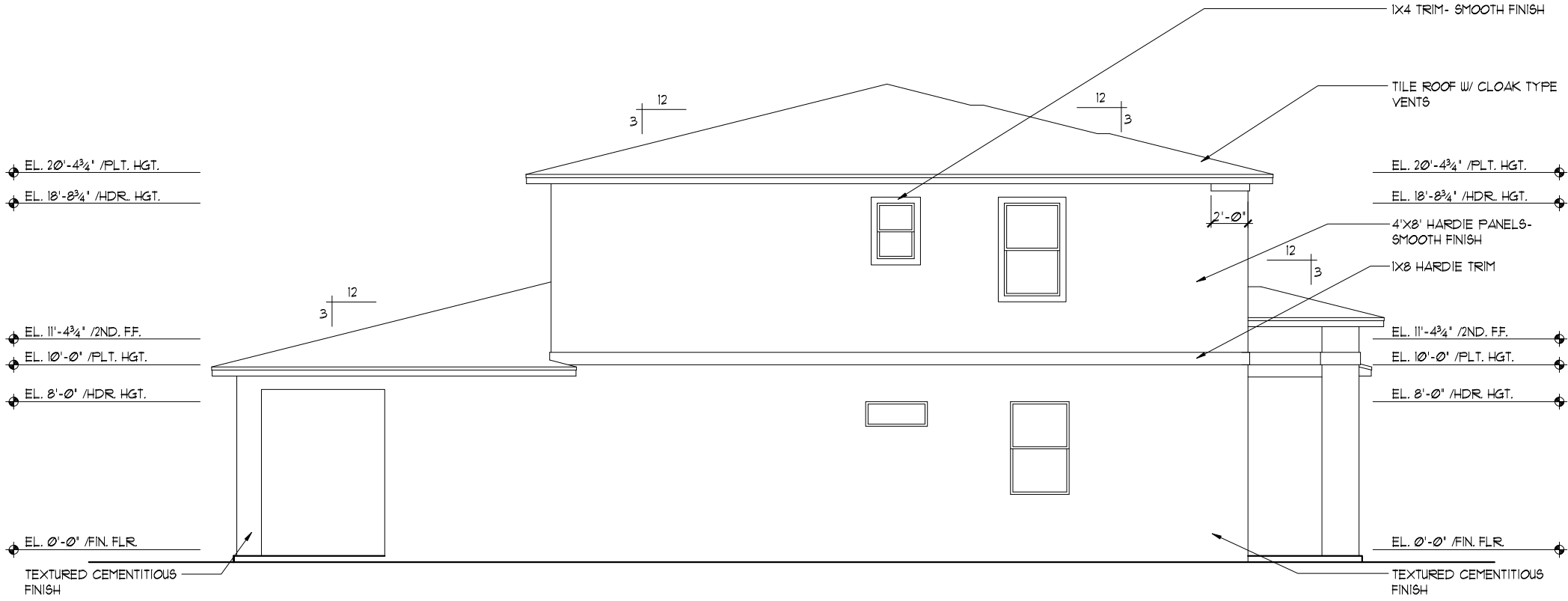
PARADISO GRANDE

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REVISIONS	BY
Engineering By: DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292	
A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529 - 3000	
Park Square HOMES	
EXTERIOR ELEVATION "A" LEFT AND RIGHT	
AQUAMARINE	PARADISO GRANDE
2913	
DATE	04-09-21
SCALE	AS NOTED
DRAWN	RDC
JOB	2913
SHEET	
07A.0	
OF	SHEETS

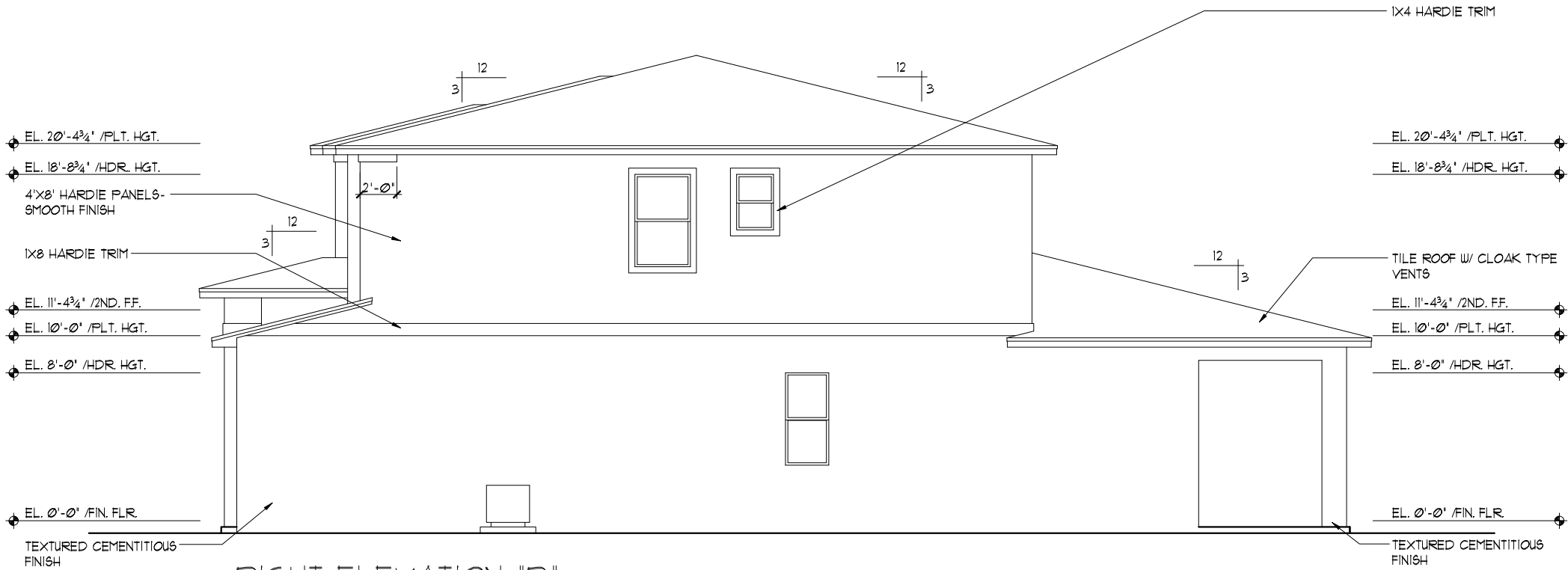
EXTERIOR FINISH NOTES

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 "B"

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



RIGHT ELEVATION "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

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REVISIONS		BY
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		PE 47509
		PHONE 407-721-2292
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5200 Vineland Road, Suite 200		
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Phone: (407) 529 - 3000		
Park Square HOMES		
EXTERIOR ELEVATION "B"		
LEFT AND RIGHT		
AQUAMARINE		
PARADISO GRANDE		
2913		
DATE	04-09-21	
SCALE	AS NOTED	
DRAWN	RDC	
JOB	2913	
SHEET	07B.0	
OF	SHEETS	

- EXTERIOR FINISH NOTES
1.

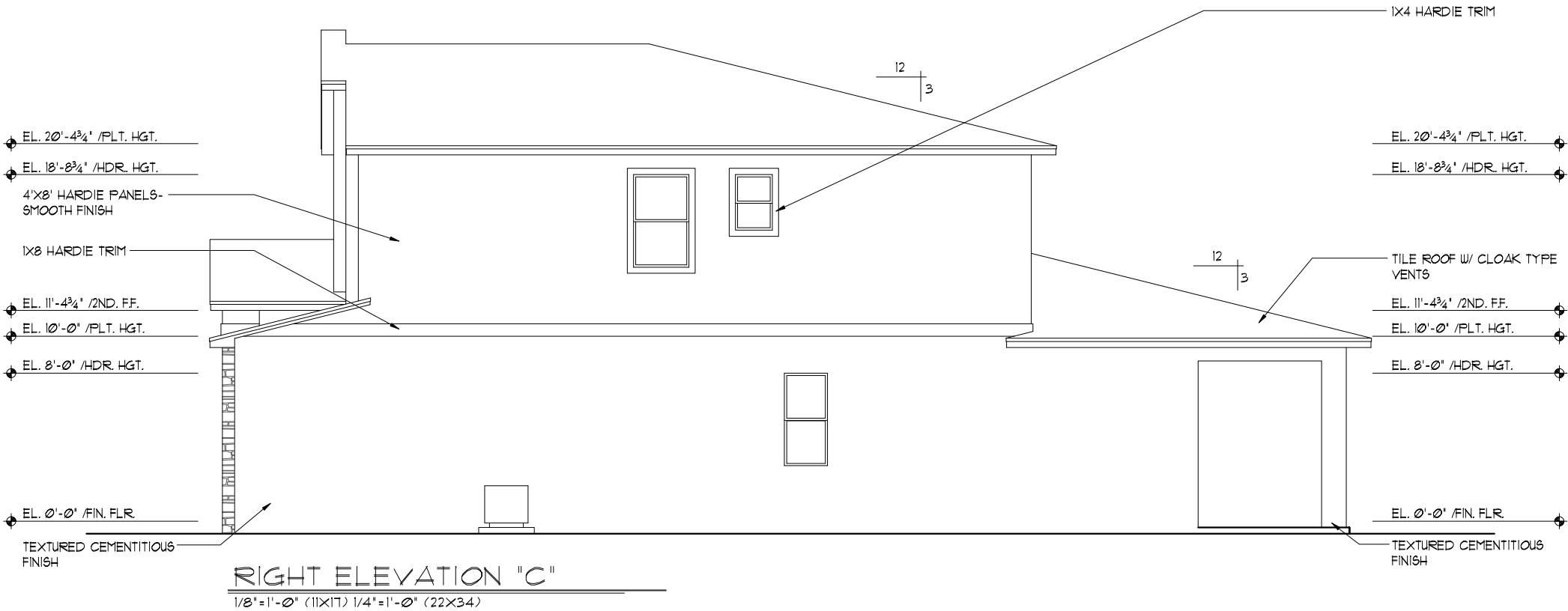
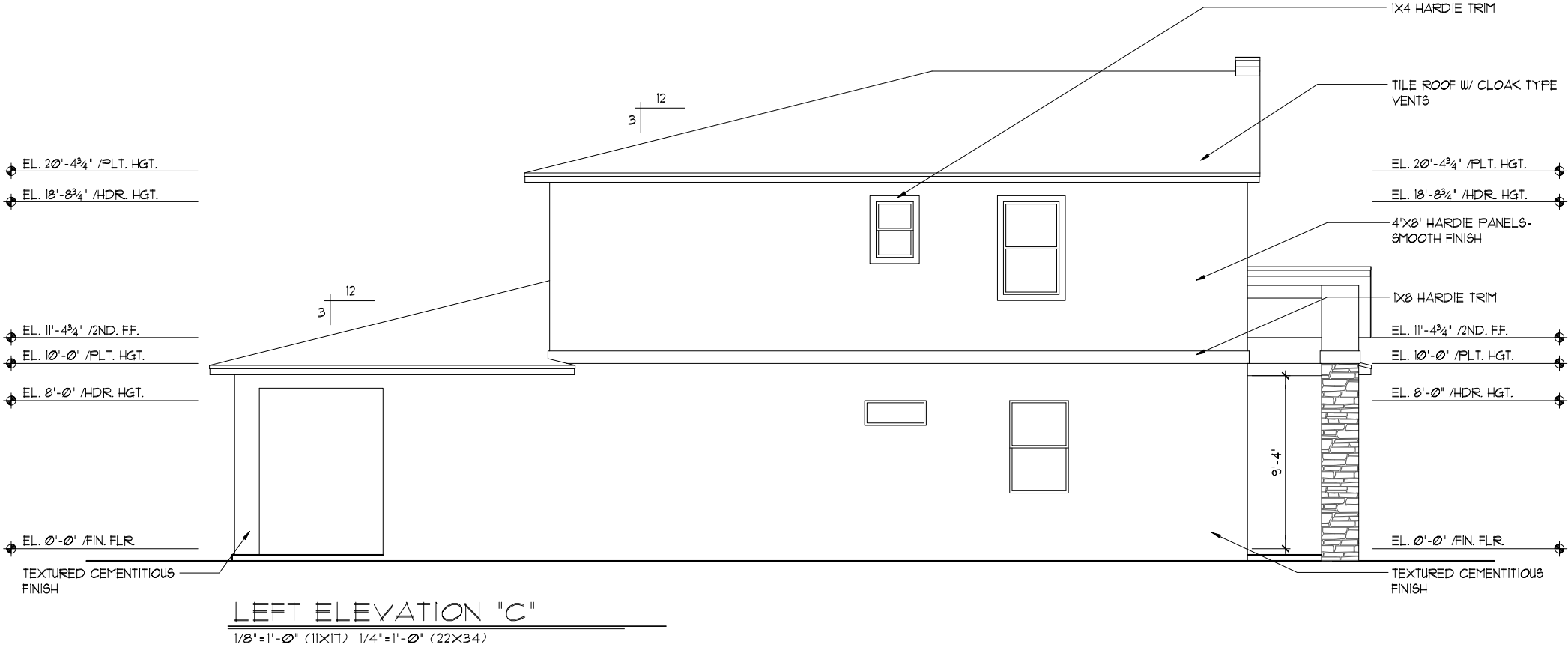
LATH TO BE ATTACHED IAW R103.1.1 OF THE 11TH EDITION, FBCR 2020
2.

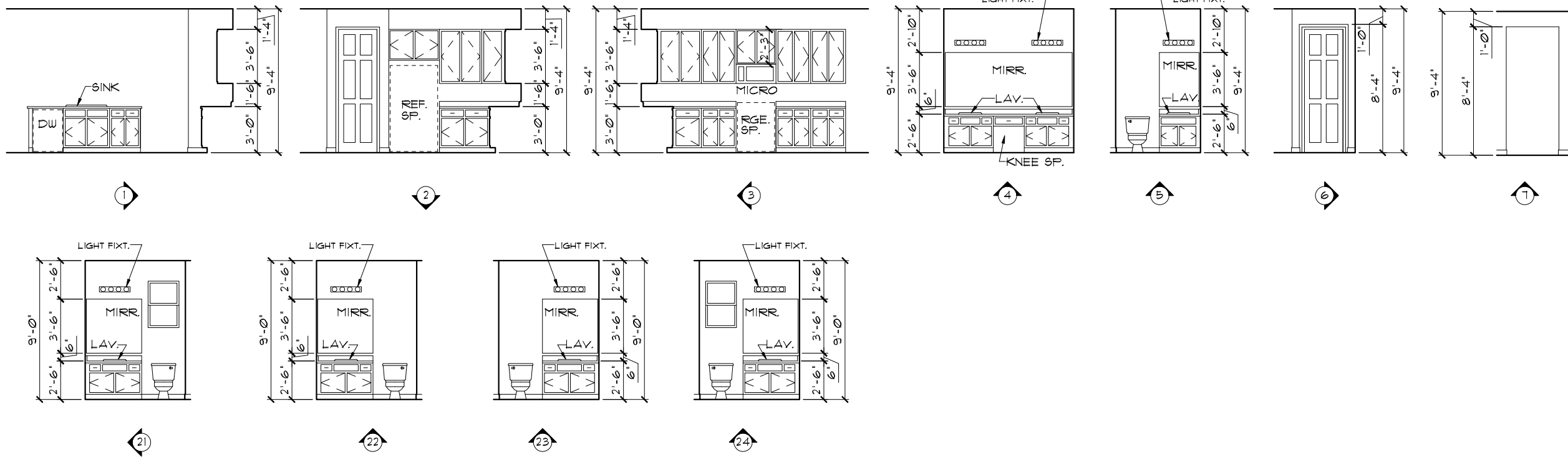
PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.1.2 OF THE 11TH EDITION, FBCR 2020
3.

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.

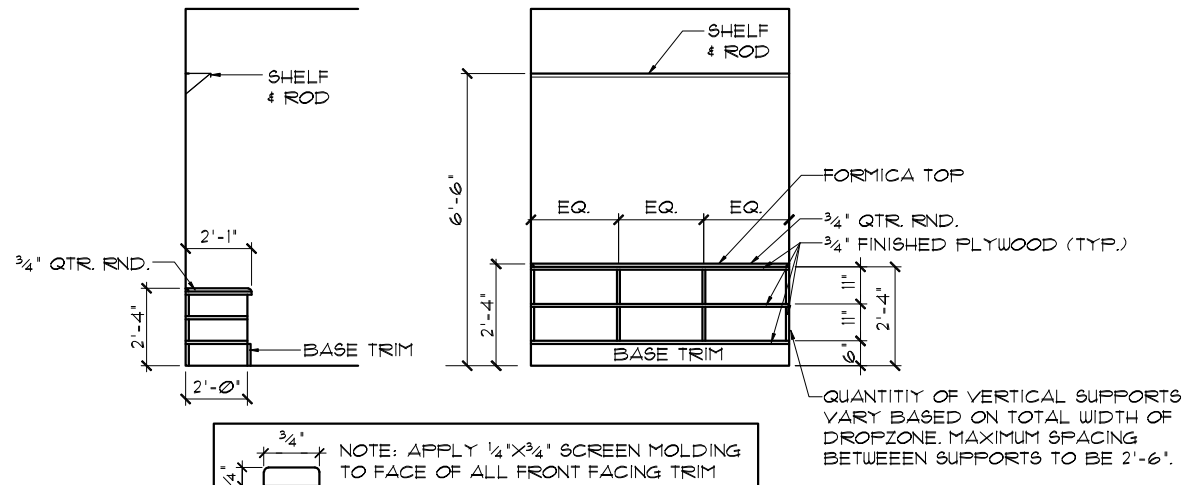




INTERIOR ELEVATIONS

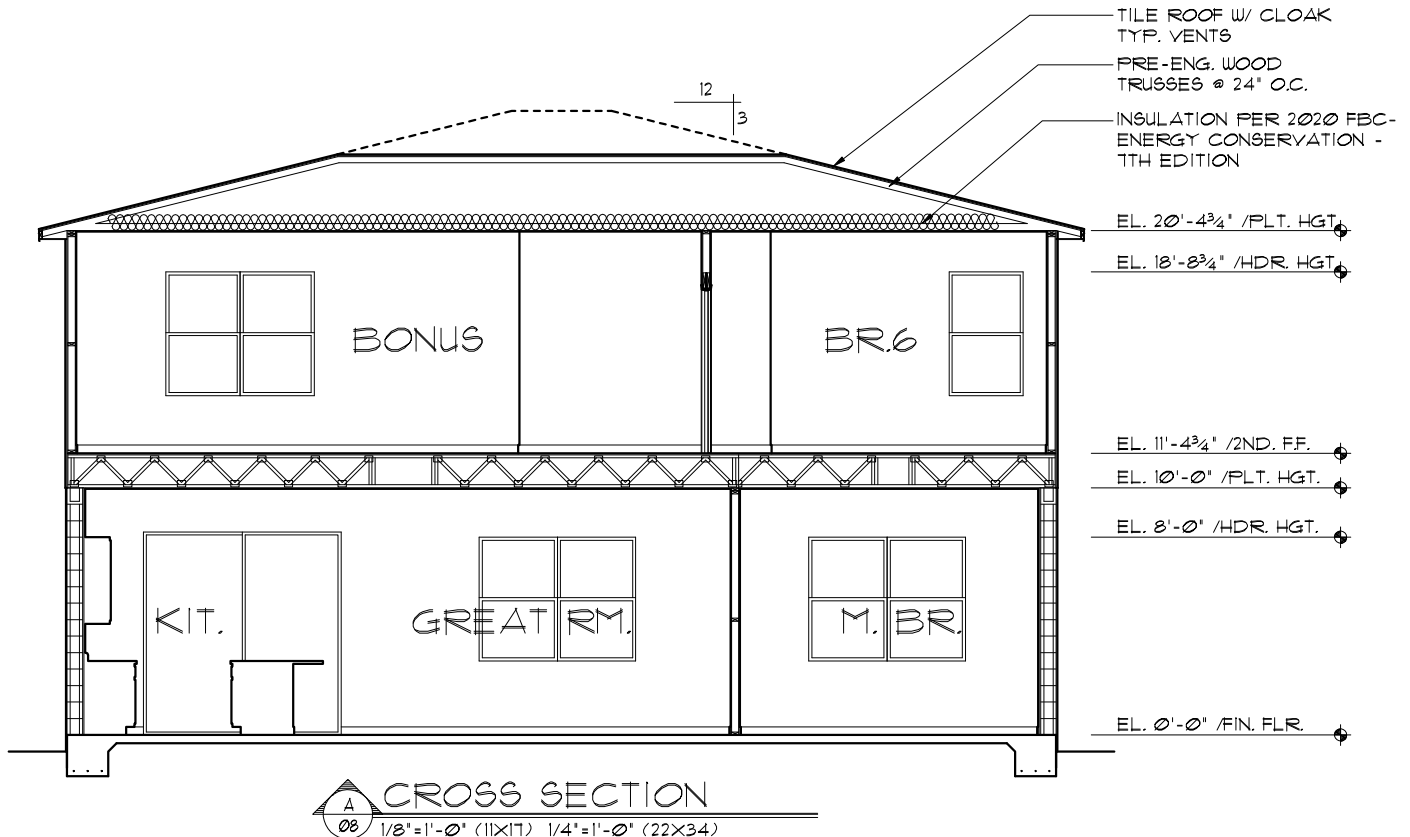
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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)



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

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AQUAMARINE
PARADISO GRANDE

CROSS SECTION /
INTERIOR ELEVATIONS

Park Square
HOMES

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

Engineering By
DBE and C
MICHAEL A. THOMPSON
PE 47509
PHONE 407-721-2292

REVISIONS BY

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

MECHANICAL/GENERAL NOTES
PER 1TH 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.) SUFFICIENT SPACE SHALL BE PROVIDED ADJACENT TO THE MECHANICAL COMPONENTS TO ASSURE ADEQUATE ACCESS FOR:
A) CONSTRUCTION AND SEALING; AND
B) SECTION M1601 PER THE FBCR 2020 1TH ED.

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 1TH EDITION.

4.) IAW NEC 2017- 210.12-ALL 15A OR 20A, 120V BRANCH CIRCUITS THAT SUPPLY OUTLETS IN DWELLING UNITS- 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.

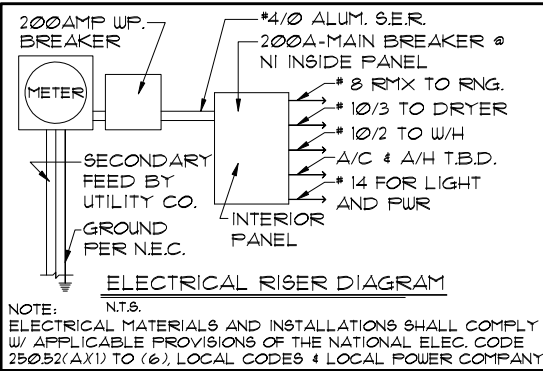
5.) IAW NEC 2017- 406.11, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.

6.) 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

7.) 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, 1TH ED. P2801.6

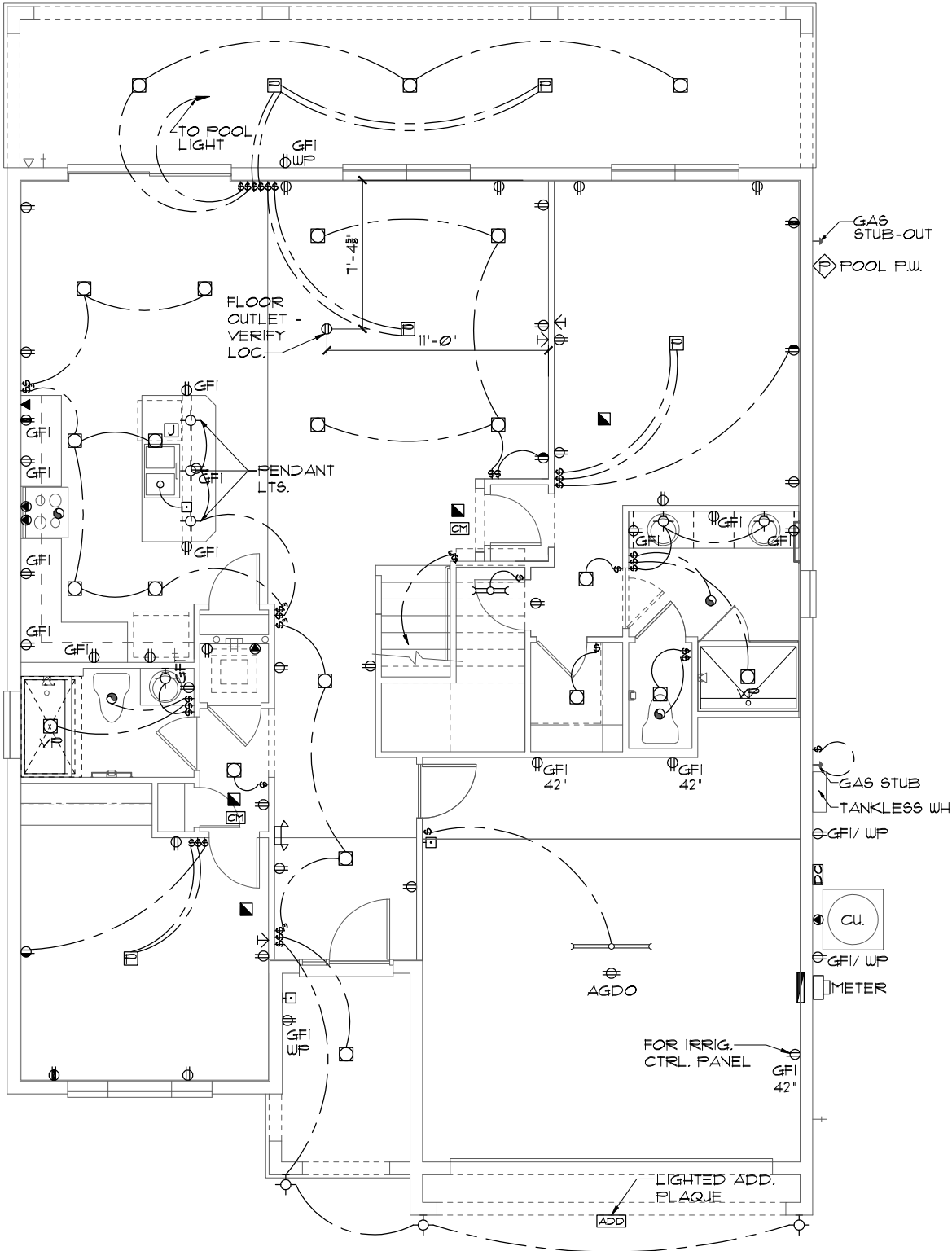
8.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 1TH ED.

9.) THE TOTAL LENGTH OF VENTING FOR DRYER TO BE: **22'-8" MAXIMUM**



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
Ⓢ	LIGHT FIXT., LED RECESS.	Ⓢ	ELECTRICAL PANEL
Ⓢ	LIGHT FIXT., REC. ADJUST.	Ⓢ	CEILING FAN, PREWIRE
Ⓢ	LIGHT FIXT., PULL CHAIN	Ⓢ	CEILING FAN, INSTALL
Ⓢ	LIGHT FIXT.FLUORESCENT	Ⓢ	ELECT. JUNCTION BOX
Ⓢ	LIGHT FIXT., EXT. FLOODS	Ⓢ	THERMOSTAT
Ⓢ	LIGHT FIXT., EMERG. EXIT	Ⓢ	DISCONNECT SWITCH
Ⓢ	LIGHT FIXT., EXIT/BACKUP	Ⓢ	ELEC. POWER METER

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

MECHANICAL/GENERAL NOTES
PER 1TH 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.) SUFFICIENT SPACE SHALL BE PROVIDED ADJACENT TO THE MECHANICAL COMPONENTS TO ASSURE ADEQUATE ACCESS FOR:
A) CONSTRUCTION AND SEALING; AND
B) SECTION M1601 PER THE FBCR 2020 1TH ED.

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 1TH EDITION.

4.) IAW NEC 2017- 210.12-ALL 15A OR 20A, 120V BRANCH CIRCUITS THAT SUPPLY OUTLETS IN DWELLING UNITS- 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.

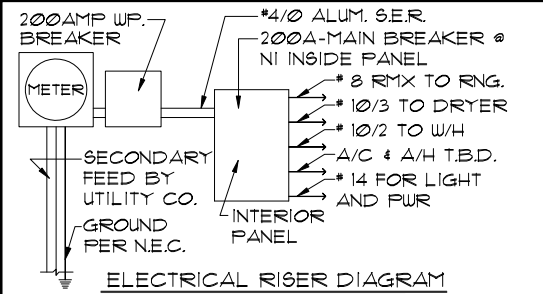
5.) IAW NEC 2017- 406.11, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.

6.) 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

7.) 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, 1TH ED. P2801.6

8.) 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, 1TH ED.

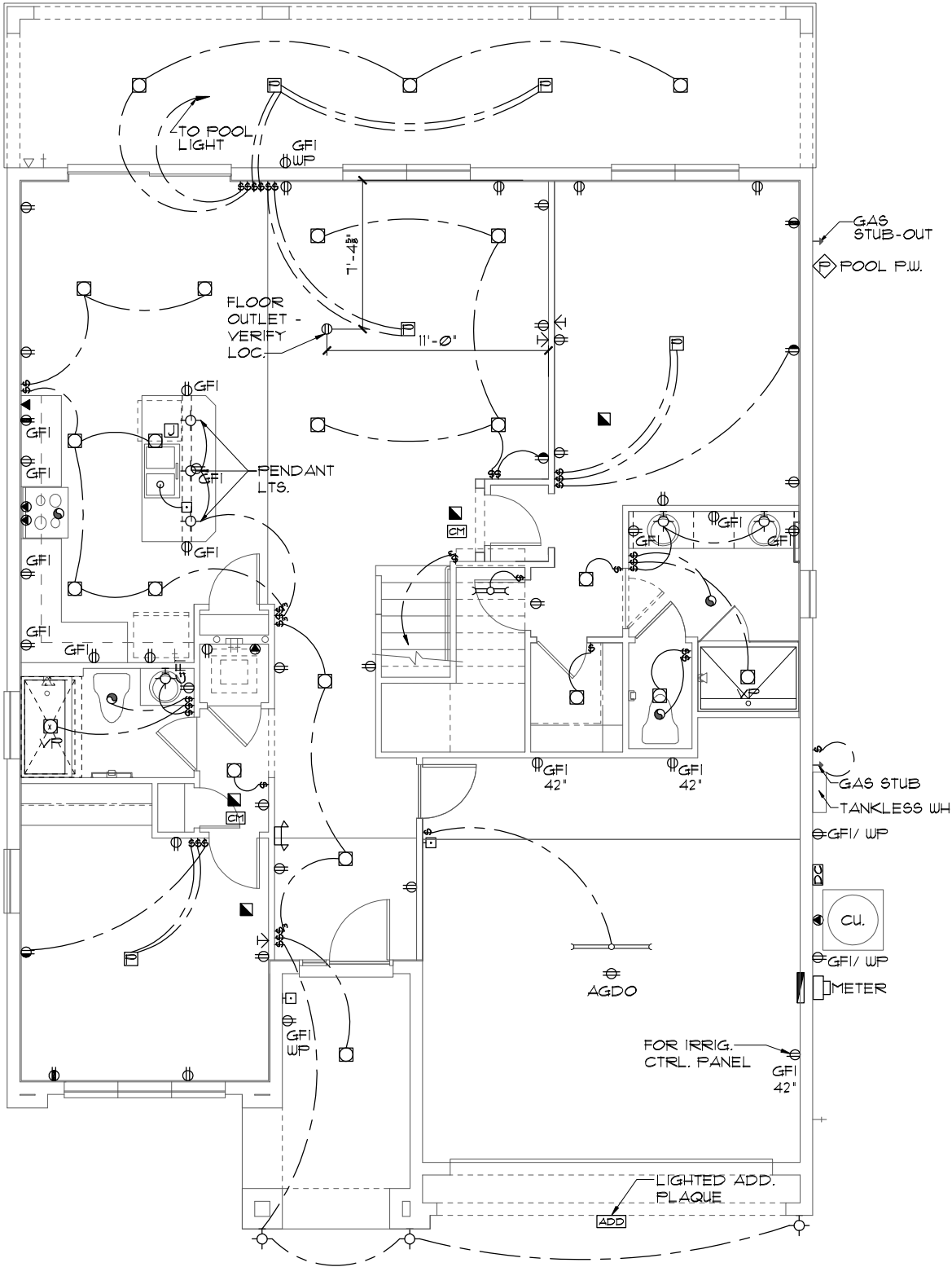
9.) THE TOTAL LENGTH OF VENTING FOR DRYER TO BE: **22'-8" MAXIMUM**



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

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
Ⓢ	LIGHT FIXT. LED RECESS.	Ⓢ	ELECTRICAL PANEL
Ⓢ	LIGHT FIXT. REC. ADJUST.	Ⓢ	CEILING FAN, PREWIRE
Ⓢ	LIGHT FIXT. PULL CHAIN	Ⓢ	CEILING FAN, INSTALL
Ⓢ	LIGHT FIXT. FLUORESCENT	Ⓢ	ELECT. JUNCTION BOX
Ⓢ	LIGHT FIXT. EXT. FLOODS	Ⓢ	THERMOSTAT
Ⓢ	LIGHT FIXT. EMERG. EXIT	Ⓢ	DISCONNECT SWITCH
Ⓢ	LIGHT FIXT. EXIT/BACKUP	Ⓢ	ELEC. POWER METER

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 PLAN "C"

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

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

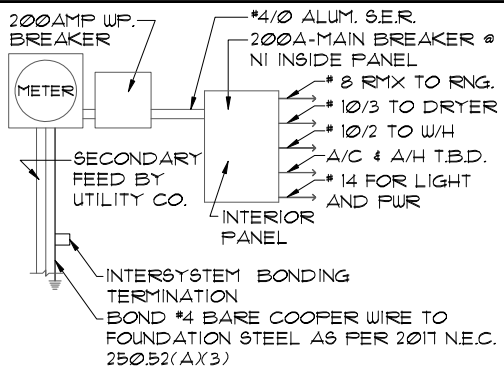
8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 11TH ED. F2001.1

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.

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 **NEC 2017**

12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(AX2)



ELECTRICAL RISER DIAGRAM

NOTE: N.T.S.
ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(AX1) TO (6), LOCAL CODES, AND THE LOCAL POWER COMPANY.

250.52(AX3) 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.

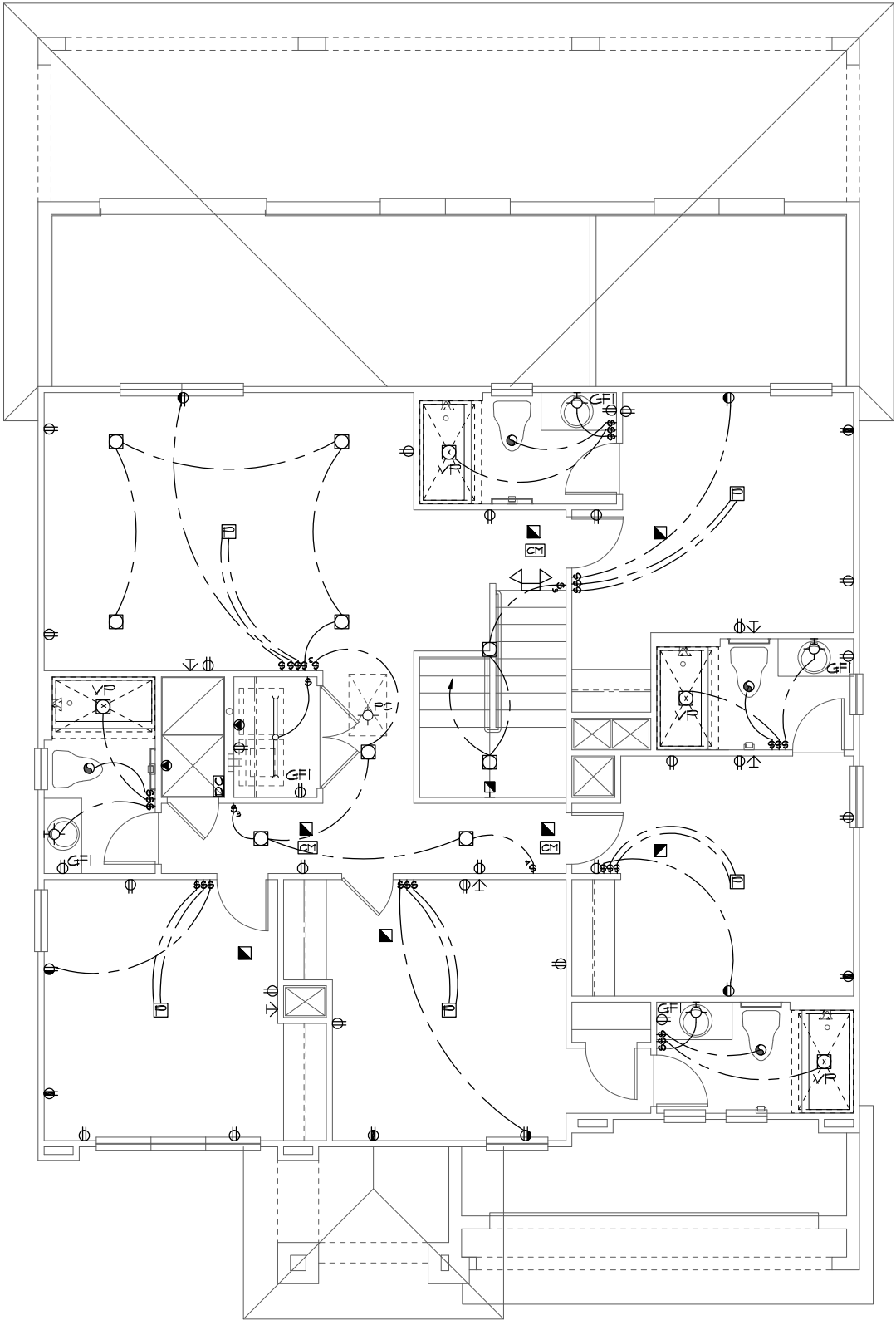
The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated with non-conductive material.

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
🌀	SPCL. PURPOSE 220-240	🌀	EXHAUST FAN
💡	LIGHT FIXT., CLG. MTD.	🌀	EX. FAN/LIGHT COMBO
💡	LIGHT FIXT., WALL MTD.	🌀	DISPOSAL
💡	LIGHT FIXT.,LED RECESS.	⚡	ELECTRICAL PANEL
💡	LIGHT FIXT., REC. ADJUST.	🌀	CEILING FAN, PREWIRE
💡	LIGHT FIXT., PULL CHAIN	🌀	CEILING FAN, INSTALL
💡	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



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

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AQUAMARINE

ELECTRICAL PLAN

Park Square HOMES

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

Engineering By:
DBE and C
MICHAEL A. THOMPSON
PE 47509
PHONE 407-721-2292

REVISIONS	BY

2913

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET

10B.0

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

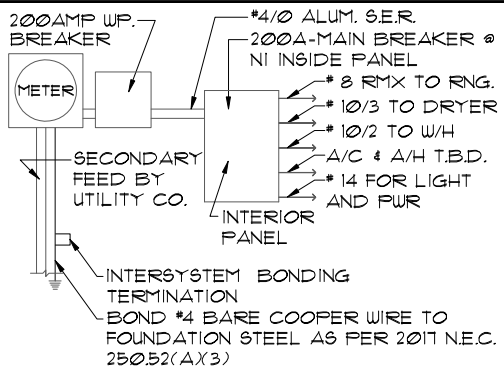
8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 11th ED. F2001.1

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.

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 **NEC 2017**

12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(AX2)



ELECTRICAL RISER DIAGRAM

NOTE: N.T.S.
ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(AX1) TO (6), LOCAL CODES, AND THE LOCAL POWER COMPANY.

250.52(AX3) 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.

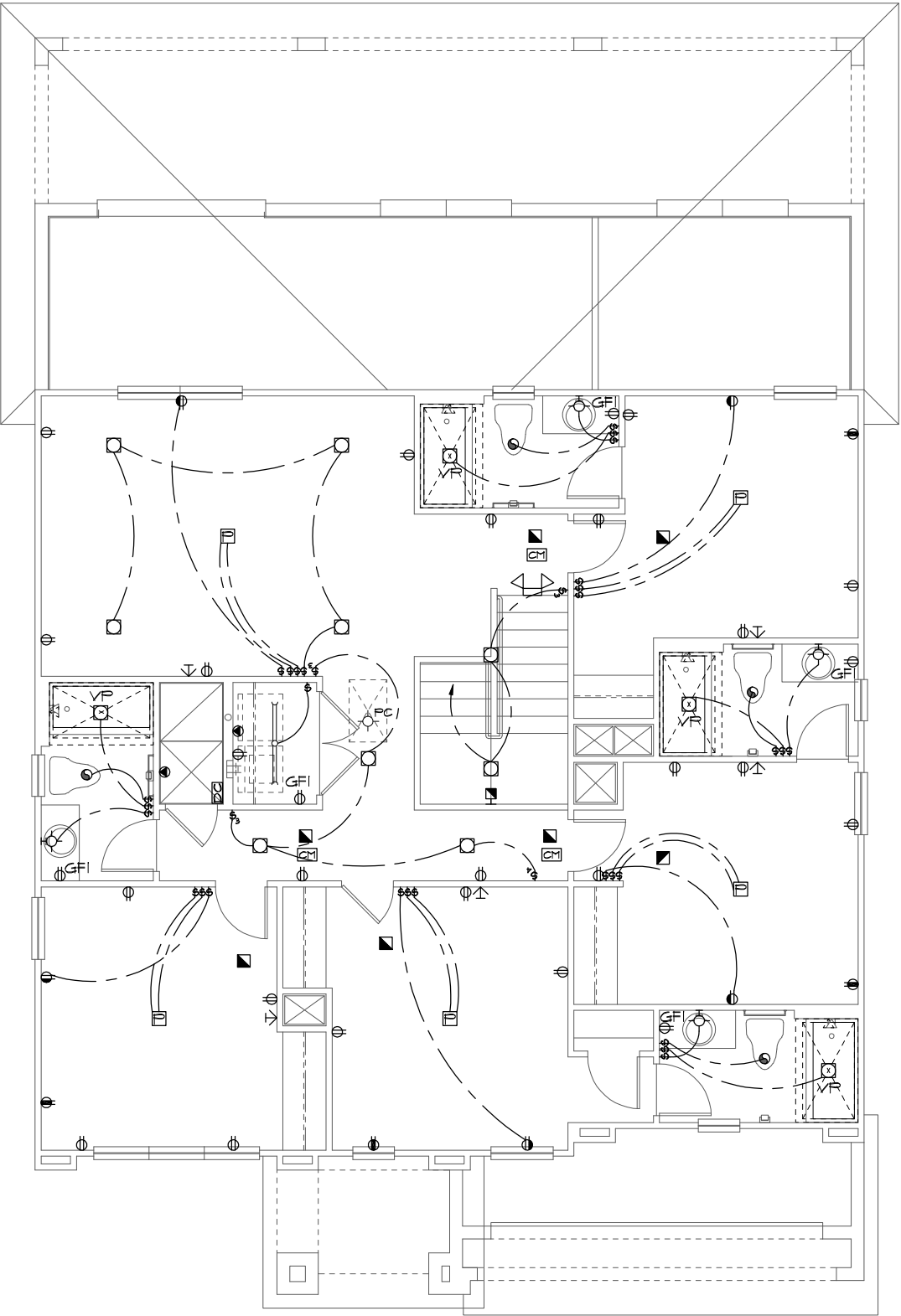
The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated with non-conductive material.

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
⊕	SPCL. PURPOSE 220-240	⬛	EXHAUST FAN
⊕	LIGHT FIXT., CLG. MTD.	⬛	EX. FAN/LIGHT COMBO
⊕	LIGHT FIXT., WALL MTD.	⬛	DISPOSAL
⊕	LIGHT FIXT., LED RECESS.	⬛	ELECTRICAL PANEL
⊕	LIGHT FIXT., REC. ADJUST.	⬛	CEILING FAN, PREWIRE
⊕	LIGHT FIXT., PULL CHAIN	⬛	CEILING FAN, INSTALL
⊕	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)

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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AQUAMARINE

ELECTRICAL PLAN

Park Square HOMES

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

Engineering By:
DBE and C
MICHAEL A. THOMPSON
PE 47509
PHONE 407-721-2292

REVISIONS	BY

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

ATTIC VENTILATION CALCULATIONS

PER FBC2020 1TH 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: **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: **26.03S.F.**
PROVIDED W/SOFFITS @ EAVE: **300LF.** @ **0.0875F** 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 1TH EDITION FBCR. PROVIDE ROOF VALLEY FLASHING IAW FBCR R303.2

4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.

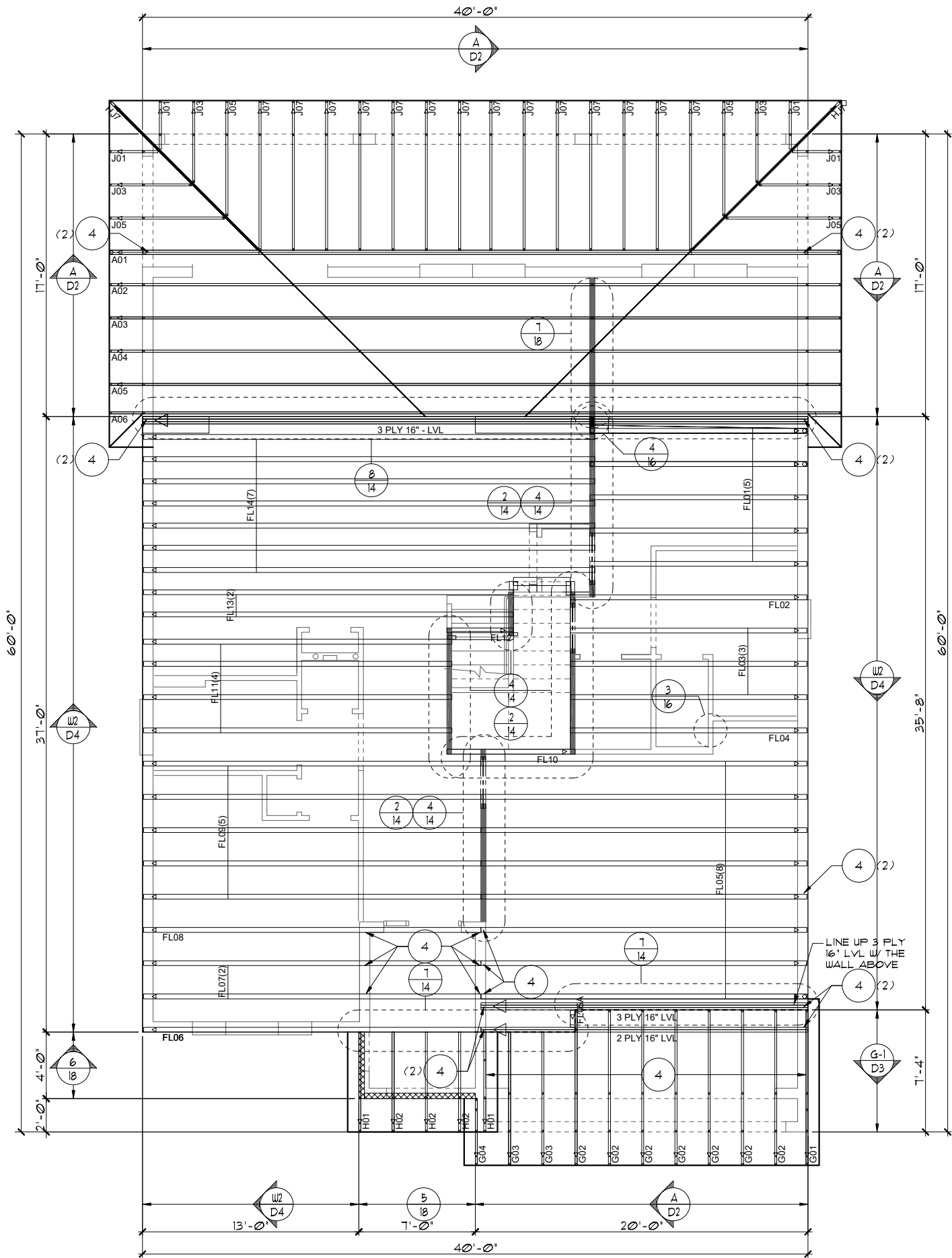
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA 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, 1TH EDITION R305.3
OR
SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 1TH EDITION R305.1.1

TRUSS LAYOUT "A"

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



PER FBC2020 7TH EDITION R806: MIN. 40% - MAX. 50%
OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF
ATTIC SPACE AND THE BALANCE TO BE IN LOWER
PORTION (EAVES).

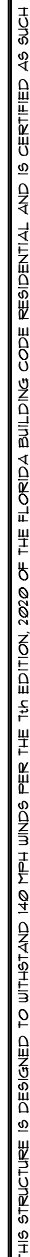
THE MINIMUM NET VENTILATION AREA SHALL BE 1/150 OF VENTED SPACE:

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

UPPER PORTION VENTILATION TOTAL: **5.958F.**
 PROVIDED W/OFF RIDGE VENTS: **7 VENTS @ .858F. /VENT.**
 (TILE: O'HAGIN MODEL 'S', SHINGLE: LOMANCO T10-D -
 OR MILLENNIUM METAL)
 LOWER PORTION VENTILATION TOTAL: **26.08F.**
 PROVIDED W/SOFFITS @ EAVE: **300LF. @ 0.0875F. VENTING/LF.**

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

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 7TH EDITION FBCR. PROVIDE ROOF VALLEY FLASHING IAW FBCR R303.2
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 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, 7TH EDITION R305.3
OR
SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 7TH EDITION R305.11

$$1/8'' = 1' - 0'' \quad (11 \times 17) \quad 1/4'' = 1' - 0'' \quad (22 \times 34)$$


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1

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

Park Square HOMES

TRUSS LAYOUT

AQUAMARINE

PARADISO GRANDE

2913

DATE 04-09

SCALE AS NOTE

DRAWN RE

JOB 29

SHEET

11B O

OF SHEET

PER FBC2020 1TH EDITION R206: MIN. 40% - MAX. 50%
OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF
ATTIC SPACE AND THE BALANCE TO BE IN LOWER
PORTION (EAVES).

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

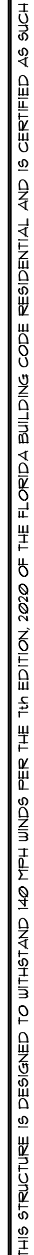
TOTAL VENTED SPACE: $\frac{3,644\text{SF}}{300}$ = $\frac{12,155\text{SF}}{}$ NET FREE
REQUIRED

UPPER PORTION VENTILATION TOTAL: 5,958SF.
PROVIDED W/OFF RIDGE VENTS: 7 VENTS @ 858SF. /VENT.
(TILE: O'HAGIN MODEL "S", SHINGLE: LOMANCO T70-D -
OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: 26,05SF.
PROVIDED W/SOFFITS @ EAVE: 300LF. @ 0.0875F VENTING/L.F.

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

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 1TH
EDITION FBCR. PROVIDE ROOF VALLEY
FLASHING IAW FBCR R303.2
4. ALL ROOF TRUSSES, GIRDERS, BEAMS,
HEADERS, ETC. TO BE SIZED BY TRUSS
MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PRE-
VENT ROTATION & PROVIDE LATERAL
STABILITY IN ACCORDANCE WITH THE
REQUIREMENTS SPECIFIED IN THE
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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, 1TH
EDITION R305.3
OR
SHINGLE ROOF: UNDERLAYMENT TO BE
INSTALLED IAW FBCR 2020, 1TH
EDITION R305.1.1

$$1/8'' = 1' - 0'' \quad (11 \times 17) \quad 1/4'' = 1' - 0'' \quad (22 \times 34)$$


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TRUSS LAYOUT

AQUAMARINE

PARADISO GRANDE

2913

DATE 04-09

SCALE AS NOTE

DRAWN RE

JOB 29

SHEET

11C.0
OF SHEET

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

- ## NOTES



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

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Phone: (407) 529 - 3000**

Park Square HOMES

TRUSS LAYOUT

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2913

DATE 04-09

SCALE AS NOTE

DRAWN RE

JOB 29

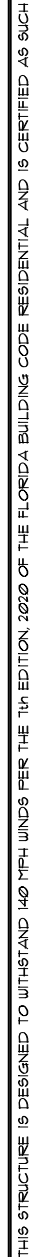
SHEET

ZAC

OF SALE

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 1TH
EDITION FBCR. PROVIDE ROOF VALLEY
FLASHING IAW FBCR R303.2
4. ALL ROOF TRUSSES, GIRDERS, BEAMS,
HEADERS, ETC. TO BE SIZED BY TRUSS
MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PRE-
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TRUSS TO TRUSS CONNECTIONS.
7. TILE ROOF: UNDERLAYMENT TO BE
INSTALLED IAW FBCR 2020, 1TH
EDITION R305.3
OR
SHINGLE ROOF: UNDERLAYMENT TO BE
INSTALLED IAW FBCR 2020, 1TH
EDITION R305.1.1

$1/8" = 1'-0" (11 \times 17)$ $1/4" = 1'-0" (22 \times 34)$



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**Park
Square
HOMES**

TRUSS LAYOUT

AQUAMARINE

PARADISO GRANDE

2913

DATE 04-09-2010

DRAWN RDC

JOB 2913

SHEET

12B.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 1TH EDITION FBCR. PROVIDE ROOF VALLEY FLASHING IAW FBCR R303.2

4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.

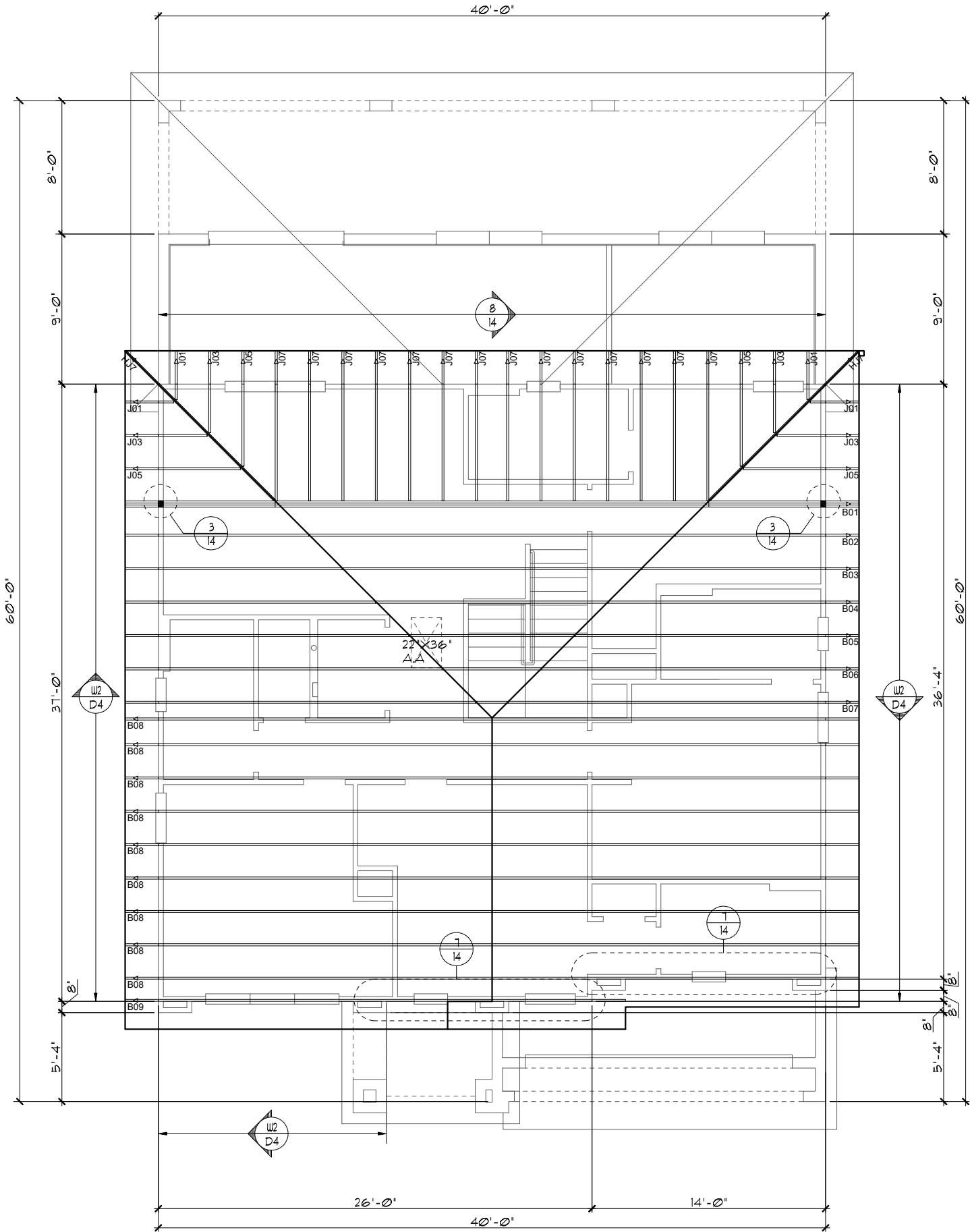
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BC61 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, 1TH EDITION R305.3
OR
SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 1TH EDITION R305.1.1

TRUSS LAYOUT "C"

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



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

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PARADISO GRANDE

TRUSS LAYOUT

AQUAMARINE

2913

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

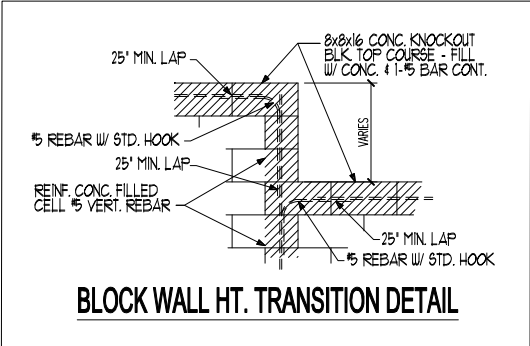
JOB 2913

SHEET 12C.0 OF 12C.0 SHEETS

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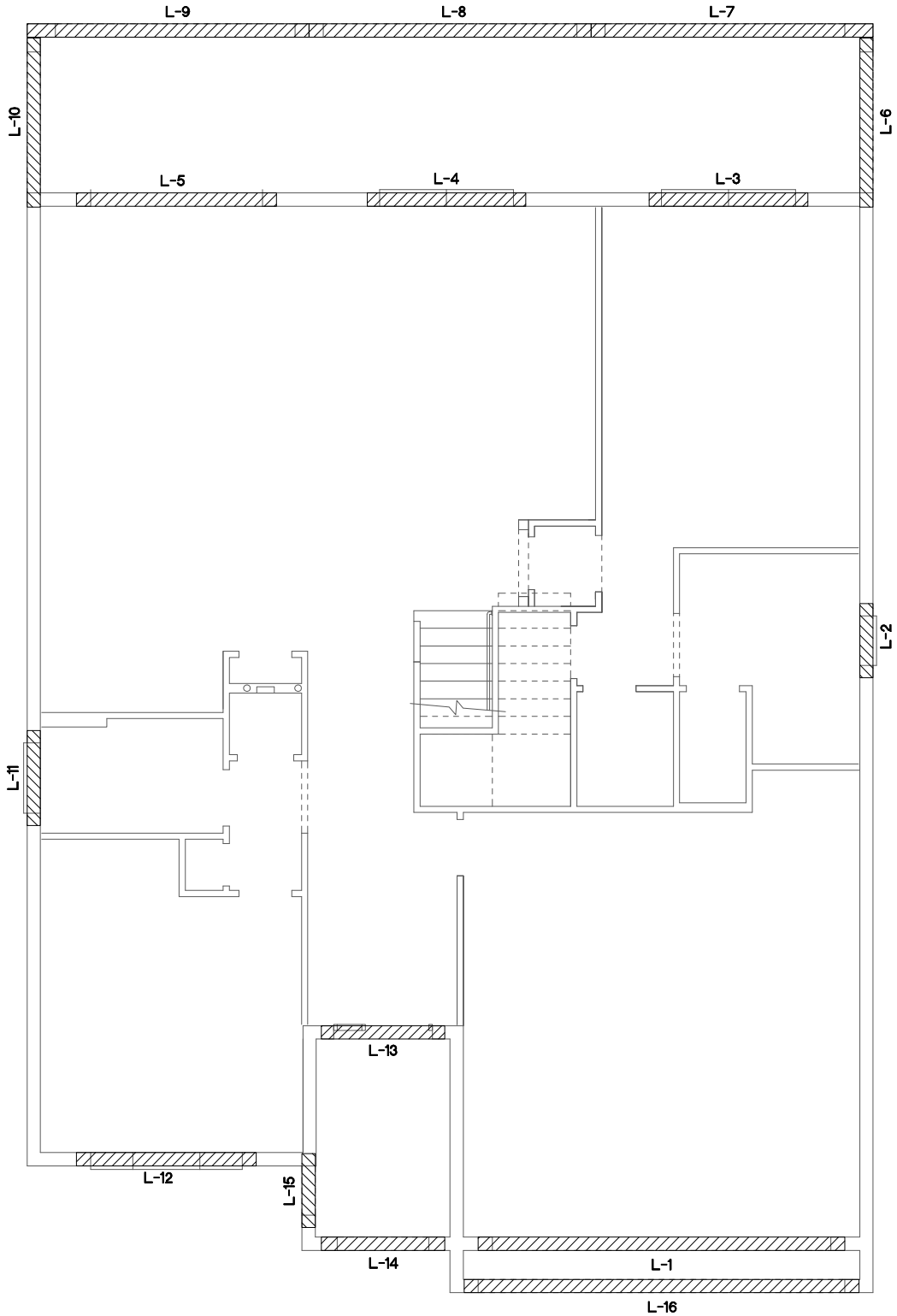
PARADISO GRANDE



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	SHHHB
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	13'-4"	8F16-1B/1T	LANA1
L 8	13'-4"	8F16-1B/1T	LANA1
L 9	13'-4"	8F16-1B/1T	LANA1
L 10	8'-0"	8F16-1B/1T	LANA1
L 11	4'-6"	8F24-0B/1T	3/4X1/4 F.G.
L 12	8'-8"	8F24-0B/1T	SH25, (2) 2/0X5/0 CLR. F.G.
L 13	5'-10"	8FF20-0B/1T	FRONT DOOR
L 14	5'-10"	8F8-0B/1T	FRONT ENTRY
L 15	3'-6"	8F8-0B/1T	FRONT ENTRY
L 16	19'-4"	8F24-0B/1T	GARAGE ENTRY
L 17			
L 18			
L 19			
L 20			
L 21			
L 22			
L 23			
L 24			
L 25			
L 26			
L 27			

PRE CAST LINTEL LAYOUT "A"

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



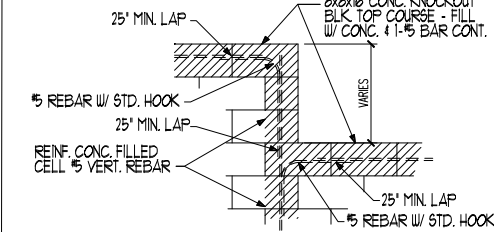
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Engineering By: DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292		
A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529 - 3000		
PRE CAST LINTEL LAYOUT		
AQUAMARINE	PARADISO GRANDE	
2913	DATE 04-09-21	
SCALE AS NOTED		
DRAWN RDC		
JOB 2913		
SHEET 13A.0		
OF SHEETS		

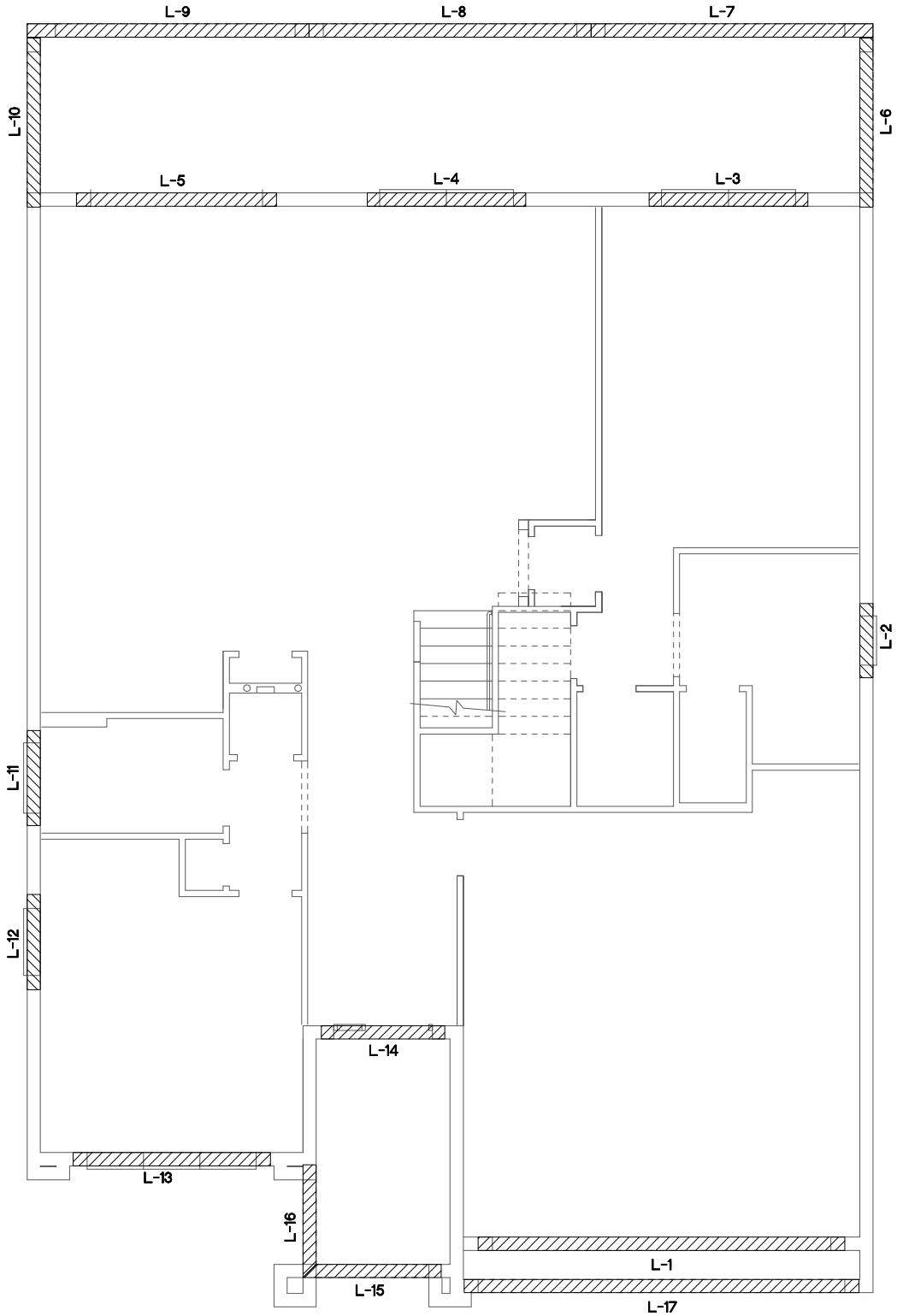


BLOCK WALL HT. TRANSITION DETAIL

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	SHIH5
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	13'-4"	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)



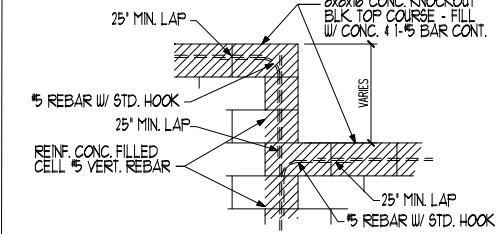
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		A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529 - 3000
PRE CAST LINTEL LAYOUT		Park Square HOMES
AQUAMARINE	PARADISO GRANDE	
2913	DATE 04-09-21	
SCALE AS NOTED		
DRAWN RDC		
JOB 2913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

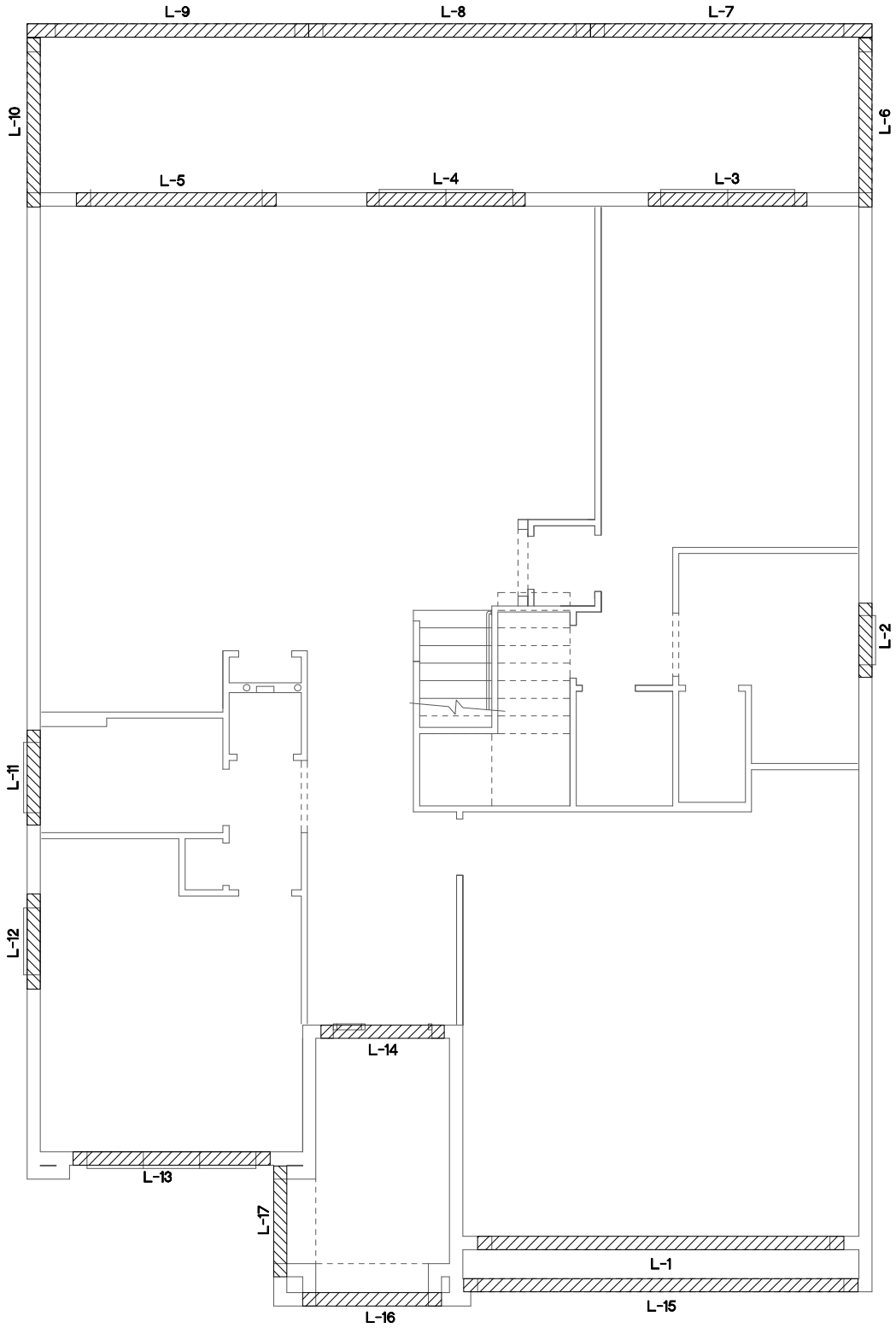


BLOCK WALL HT. TRANSITION DETAIL

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	SHIH5
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	13'-4"	8F16-1B/1T	LANA1
L 8	13'-4"	8F16-1B/1T	LANA1
L 9	13'-4"	8F16-1B/1T	LANA1
L 10	8'-0"	8F16-1B/1T	LANA1
L 11	4'-6"	8F24-0B/1T	3/4X1/4 F.G.
L 12	4'-6"	8F24-0B/1T	SH25
L 13	9'-4"	8F24-0B/1T	(3) 2/8X5/0 CLR F.G.
L 14	5'-10"	8RF20-0B/1T	FRONT DOOR
L 15	19'-4"	8F24-0B/1T	GARAGE ENTRY
L 16	6'-6"	8F8-0B/1T	FRONT ENTRY
L 17	5'-4"	8F8-0B/1T	FRONT ENTRY
L 18			
L 19			
L 20			
L 21			
L 22			
L 23			
L 24			
L 25			
L 26			
L 27			

PRE CAST LINTEL LAYOUT "C"

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



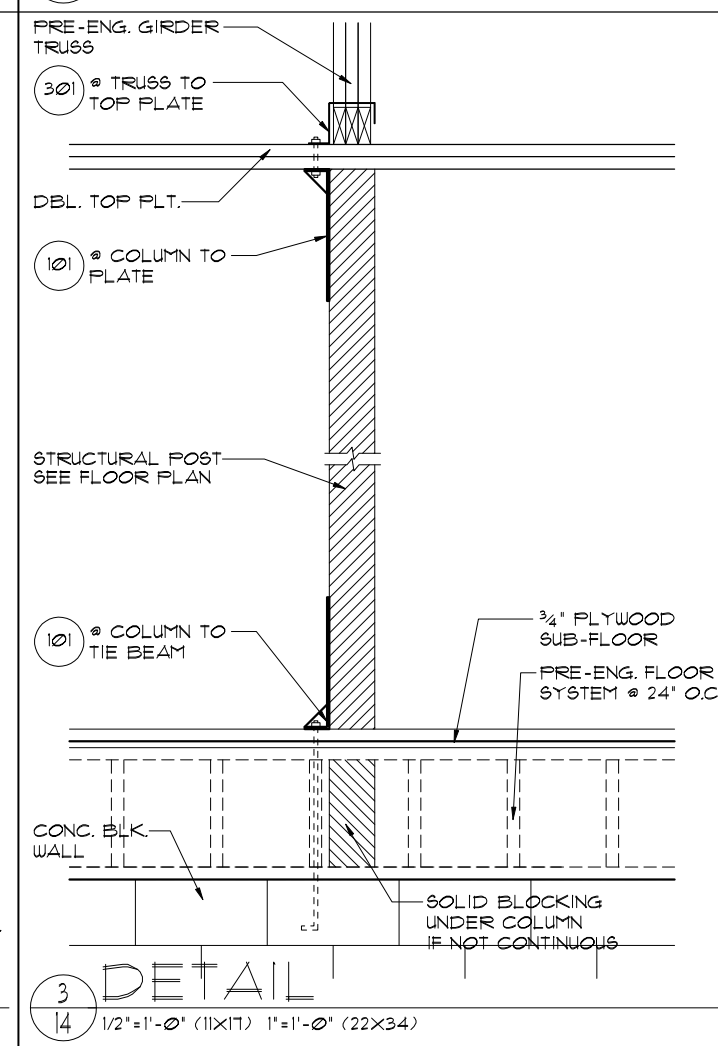
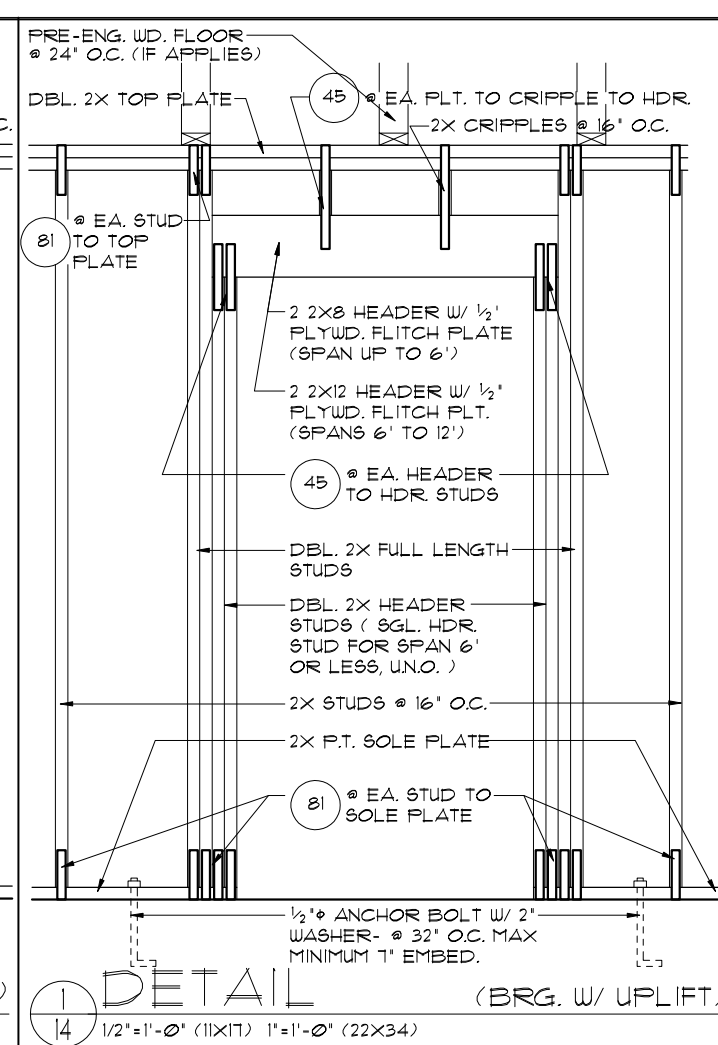
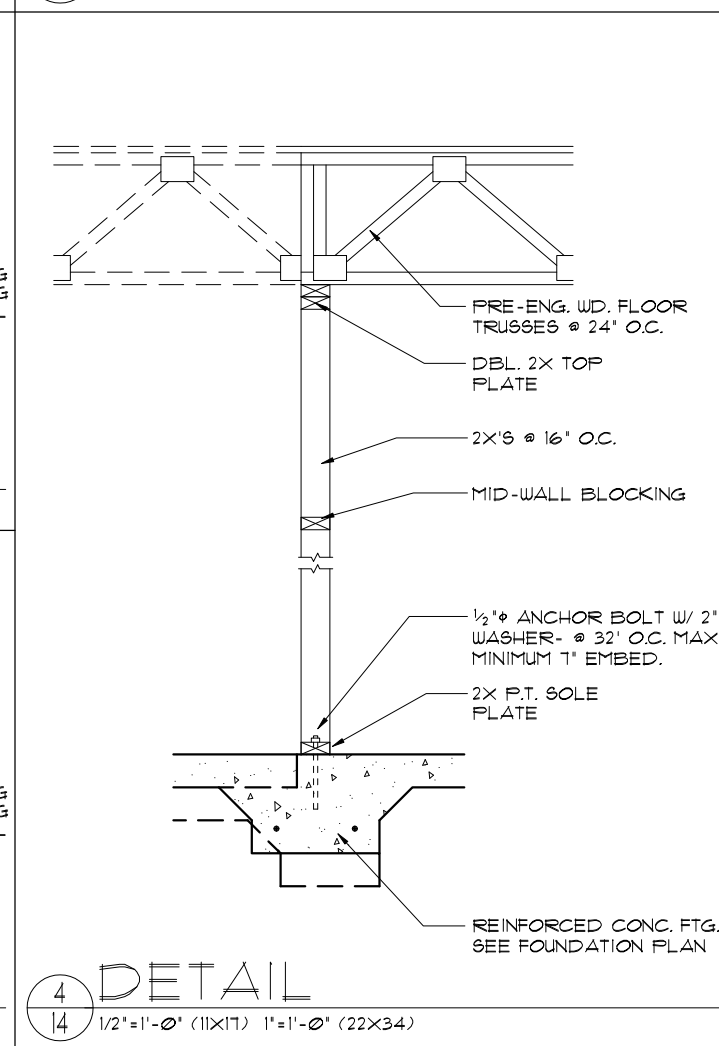
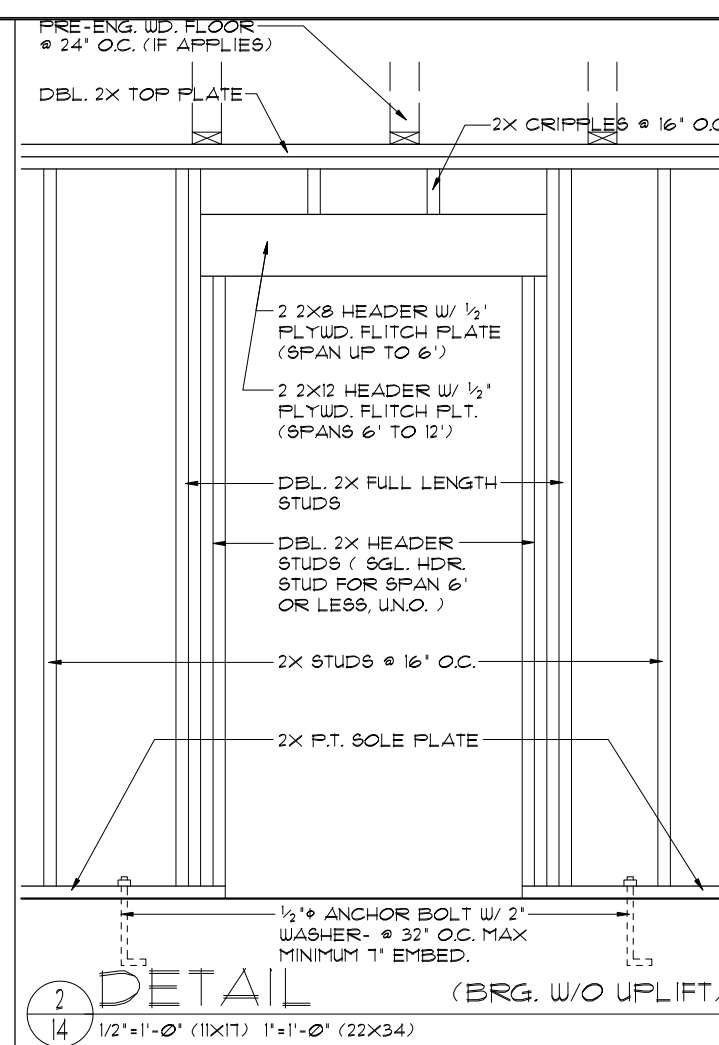
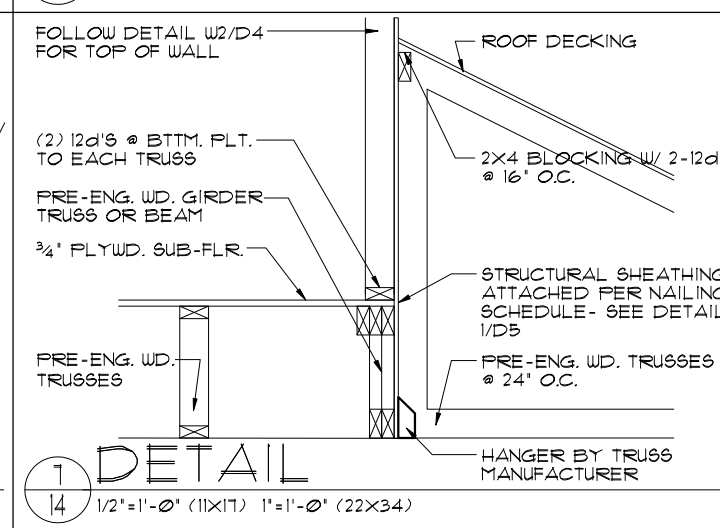
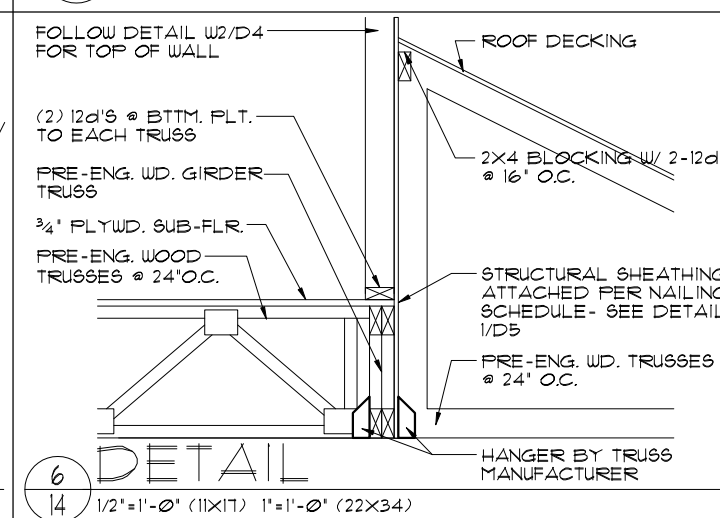
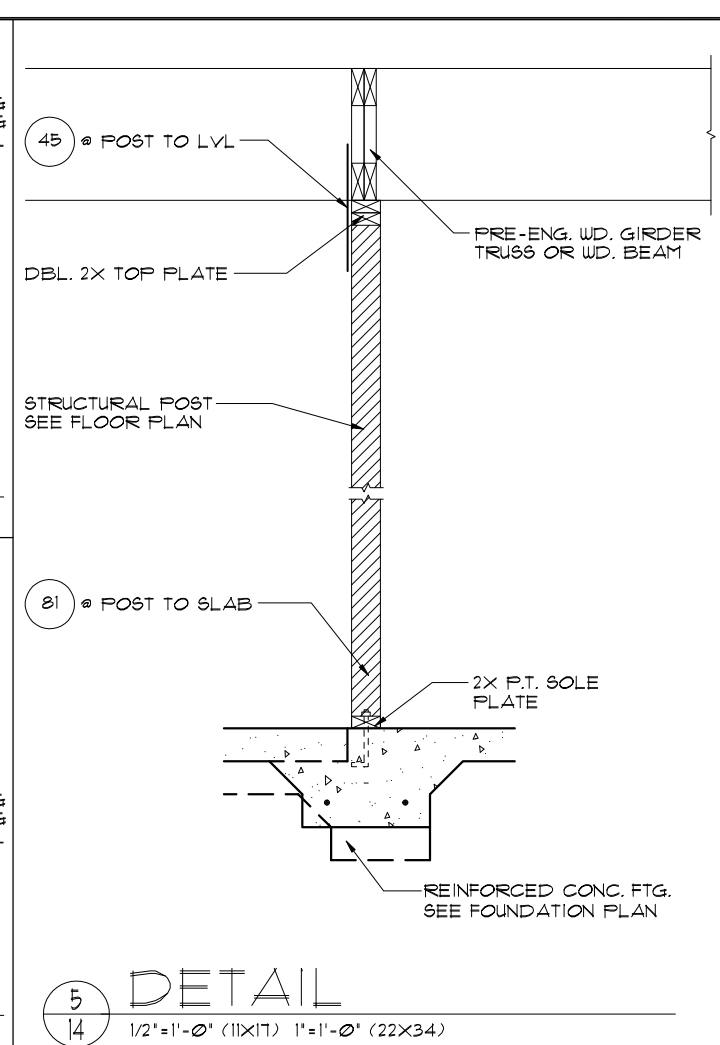
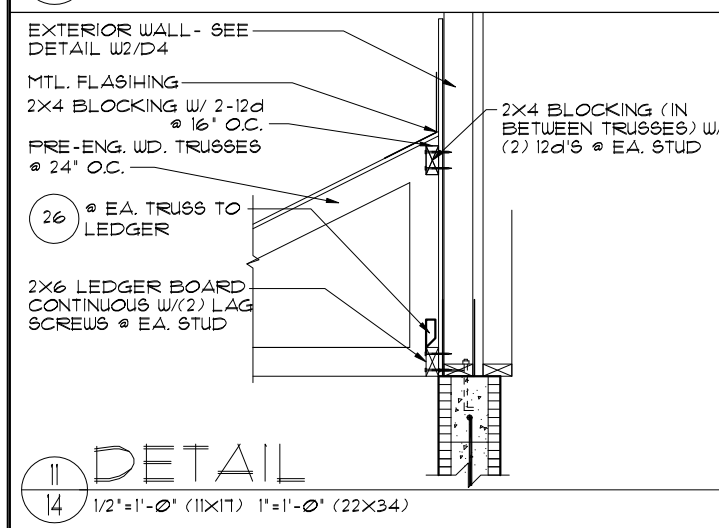
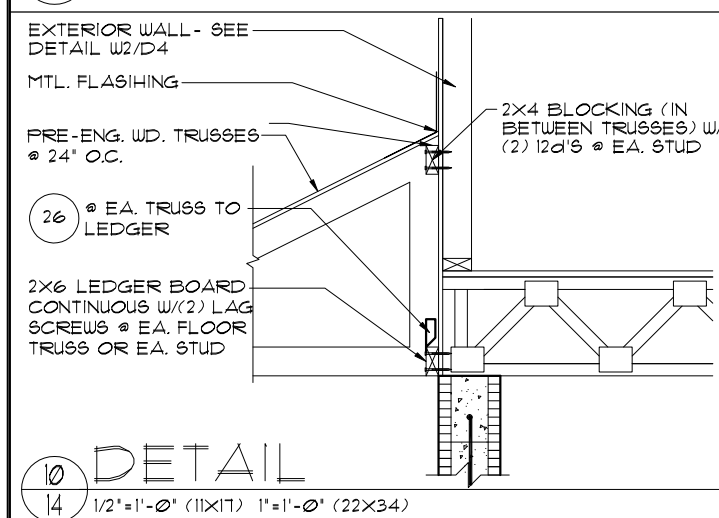
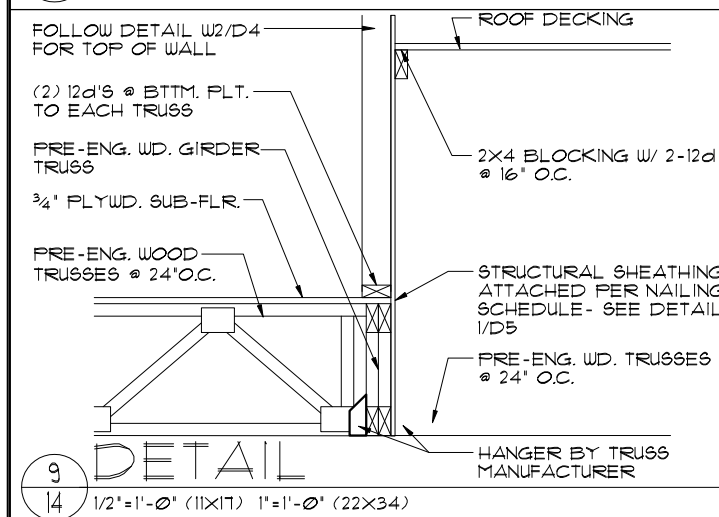
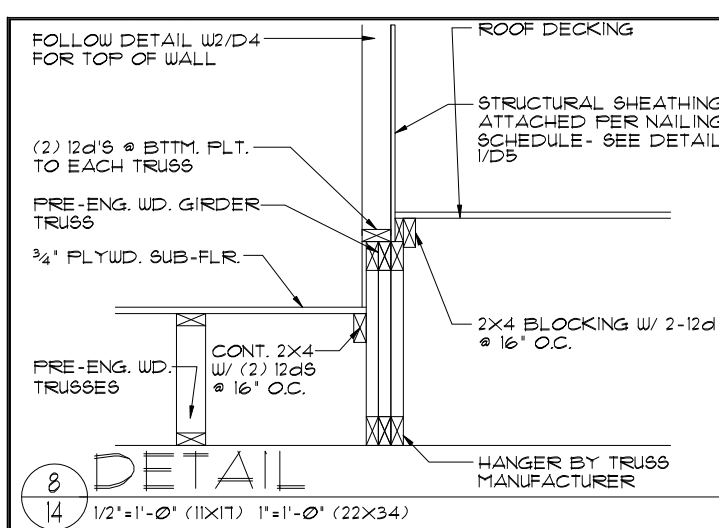
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PRE CAST LINTEL LAYOUT		
AQUAMARINE	PARADISO GRANDE	
2913	DATE 04-09-21	
SCALE AS NOTED		
DRAWN RDC		
JOB 2913		
SHEET		
13C.0		
OF SHEETS		



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

TYPICAL DETAILS

AQUAMARINE

PARADISO GRANDE

DATE 04-09-21

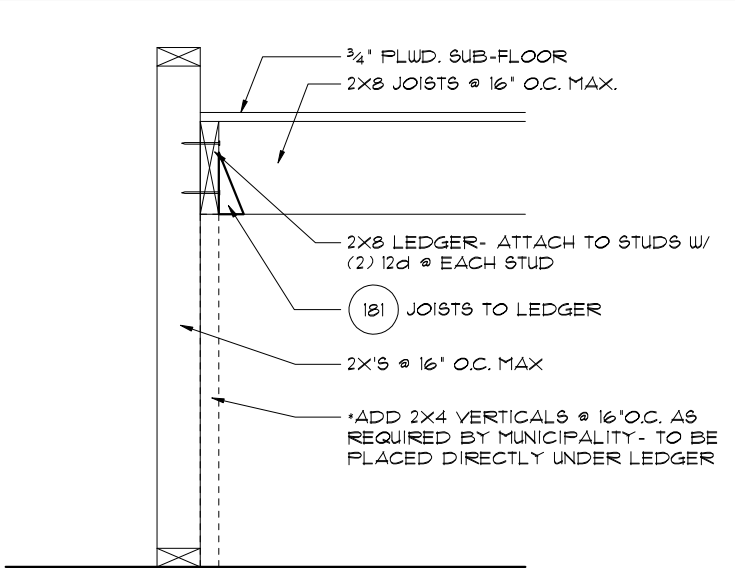
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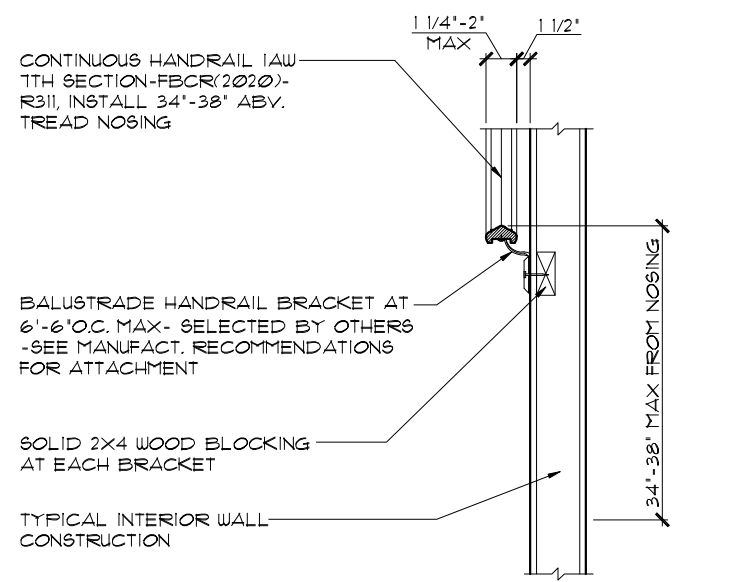
JOB 2913

SHEET 14

OF SHEETS



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



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

NOTES:
STAIRWAY CONSTRUCTION TO CONFORM TO
FBCR 2020, 7TH EDITION SECTION R311.7

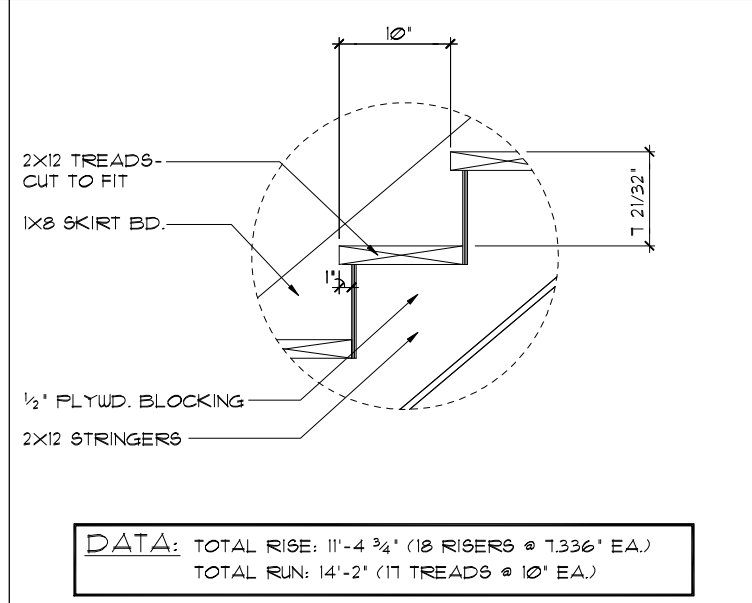
MAX. HGT. OF RISER TO BE 7 3/4"
MIN. WIDTH OF TREAD TO BE
9"(EXCLUSIVE OF NOSING)
ALL TREADS LESS THAN 10" IN WIDTH
SHALL HAVE APPROX. 1" OF NOSING
3/16" MAX. VARIATION IN RISERS/TREADS
ADJACENT TO EACH OTHER
3/8" MAX. VARIATION IN ANY RISER/TREAD

HAND RAIL CIRCULAR CROSS SECTION DIA.
TO BE 1 1/4" - 2" OR TO PROVIDE EQUIVALENT
GRASPABILITY.

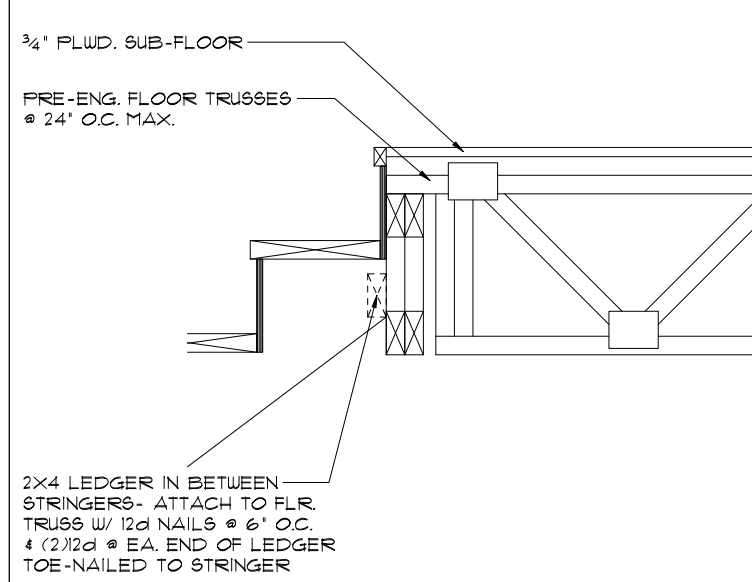
WINDERS: MIN. 6" WIDE @ NARROW END

34"MIN.-38"MAX., HANDRAIL HGT.

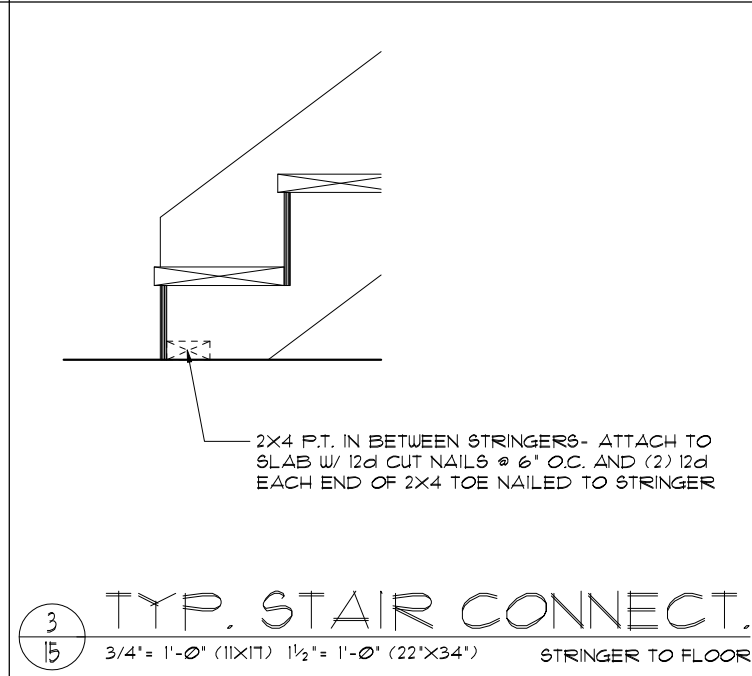
HEADROOM CLEARANCE MIN. 6'-8"



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

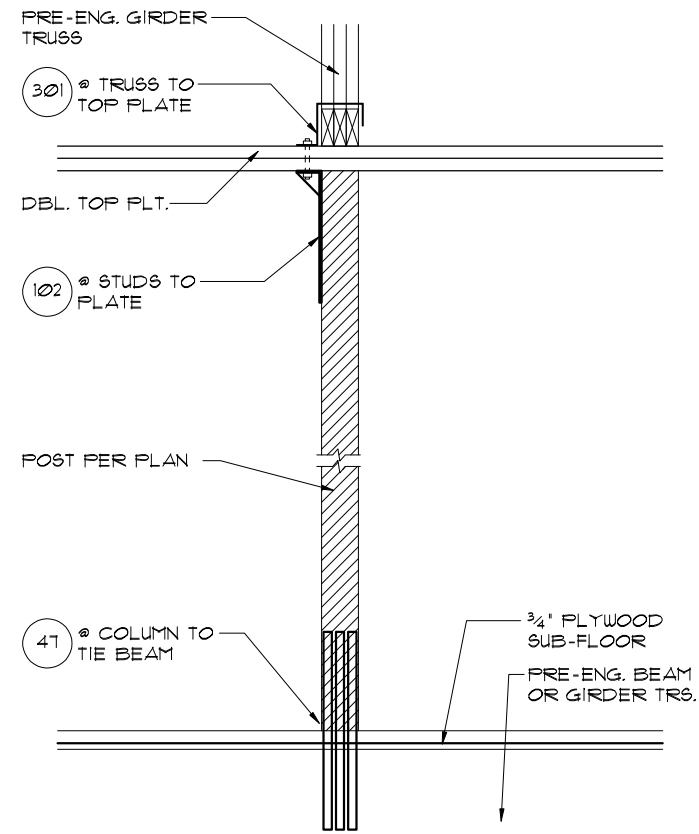


2
15 TYP. STAIR CONNECT. STRINGER TO FLOOR TRUSS
3/4"= 1'-0" (11X17) 1 1/2"= 1'-0" (22"X34")



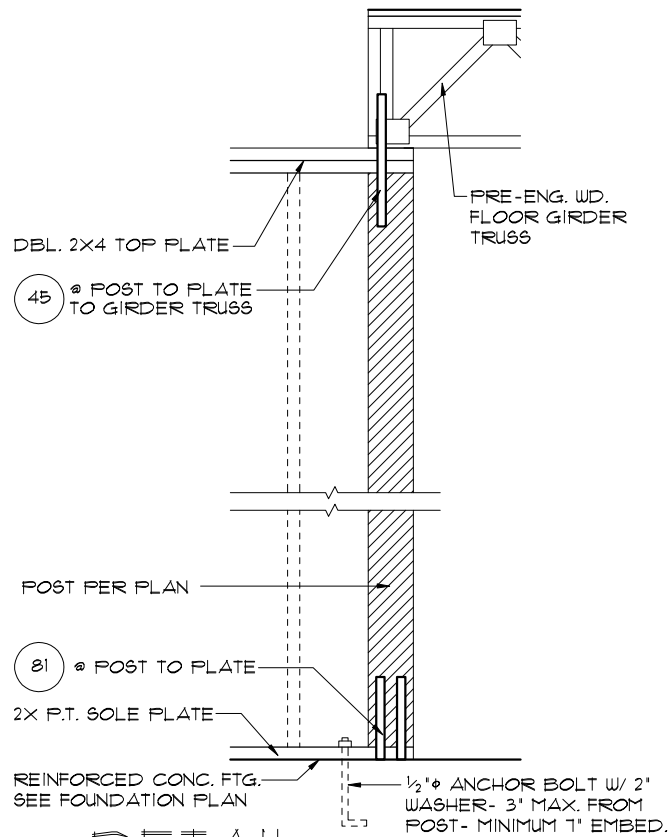
3
15 TYP. STAIR CONNECT. STRINGER TO FLOOR
3/4"= 1'-0" (11X17) 1 1/2"= 1'-0" (22"X34")

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	DETAL20	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	930	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)8dX 1 1/2" (8)8d	RT20	RFT / TRS: 9-10d PLT / STD: 13-10d	985	400 / N/A
26	H2.5A	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"	MPA1F	H: 6-8dx1 1/2" / P: 6-8dx1 1/2"	440	440 / N/A
37	MT612	14-10d	MTW12	14-10d	1,000	N/A
38	MTS16	14-10d	MTW16	14-10d	1,000	N/A
43	LSTA12	10-10d	LSTA12	10-10d	905	N/A
45	ST18	14-16d	ST18	14-16d	1,200	N/A
47	LSTA24	18-10d	LSTA24	18-10d	1,295	N/A
71	MSTA36	26-10d	MSTA36	26-10d	2,135	N/A
72	MSTC66	64-16d SINKERS	N/A	N/A	5,495	N/A
79	SPI	STD: 6-10d / PLT: 4-10d	SPT22	STD: 4-10d / PLT: 4-10d	535	560 / 260
80	SF2	STD: 6-10d / PLT: 6-10d	SPT224	STD: 6-10d / PLT: 6-10d	605	560 / 260
81	SPH46.8	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	PA8X8	4-10d	2,300	985
92	ABU44	12-16d	PAU44	12-16d	2,200	N/A
93	AC6 (MAX)	28-16d	PB866	24-16d	1,815	1,070
94	AC4 (MAX)	28-16d	PB844	24-16d	1,815	1,070
95	HT820	20-10d	HTU20	20-10d	1,450	N/A
96	HD8A	SILL: 7/8" BOLT STUD: (3) 7/8"X5 1/2" BOLTS	HHD8A	SILL: 7/8" BOLT STUD: (3) 7/8"X5 1/2" BOLTS	7,910	N/A
99	A35	H: 4-8dx1 1/2" / P: 4-8dx1 1/2"	MPA1	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 3/4"X3" / (2) 5/8" BLT	N/A	N/A	3,990	N/A
104	HDU8-SDS2.5	7/8" BLT / 20-SDS 1/4"X2 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	EHUH28-2	12-16d	2,000	N/A
214	HUC212-3TF	HD: 18-3/16"X1 1/2" TAPCON BM: 6-16d	HDO212-3	HD: 18-3/16"X1 1/2" TAPCON BM: 6-10d	1,135	N/A
215	HGU210-2	HDR: 46-16d / JST: 10-16d	EHUH210-2	HDR: 40-16d / JST: 16-10d	2,720	N/A
216	HUS412	BLOCK: 10-1/4"X1 1/2" TC JOIST: 10-16d	HUS412	BLOCK: 10-1/4"X1 1/2" TC JOIST: 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-1/4"X1 1/2" TC JOIST: 10-16d	HUS212-2	BLOCK: 10-1/4"X1 1/2" TC JOIST: 10-16d	2,630	N/A
219	MBHA412	H: 1-ATR 3/4"X8 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	NFM 3X12	BLK: 1/2" x 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	NFM3.5X16U	HDR: MIN. 1/2" x J-BOLTS JOIST: (5) 1/2" x BOLTS	3,450	N/A
232	MBHA5.50/16	HDR: (2) 3/4" x 8" JOIST: 18-10d	NFM5.5X16U	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	MG1	(1) 3/4" 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					



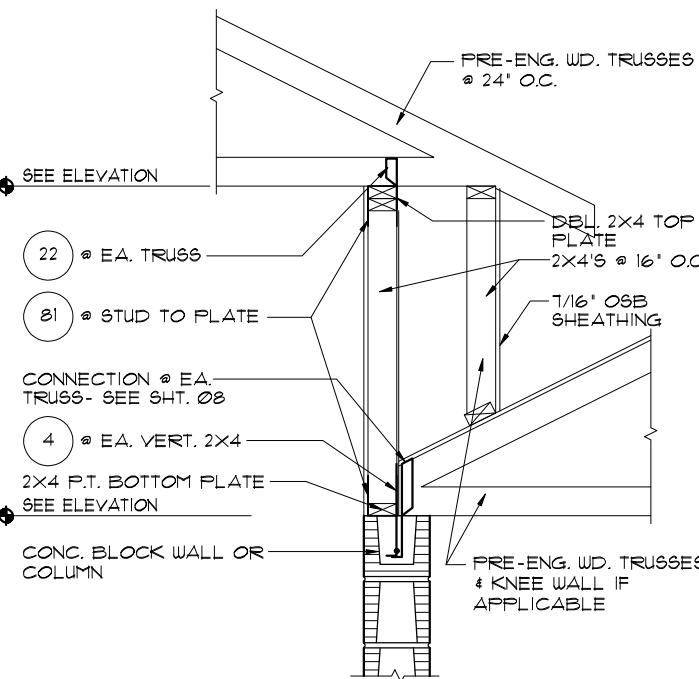
5 DETAIL

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



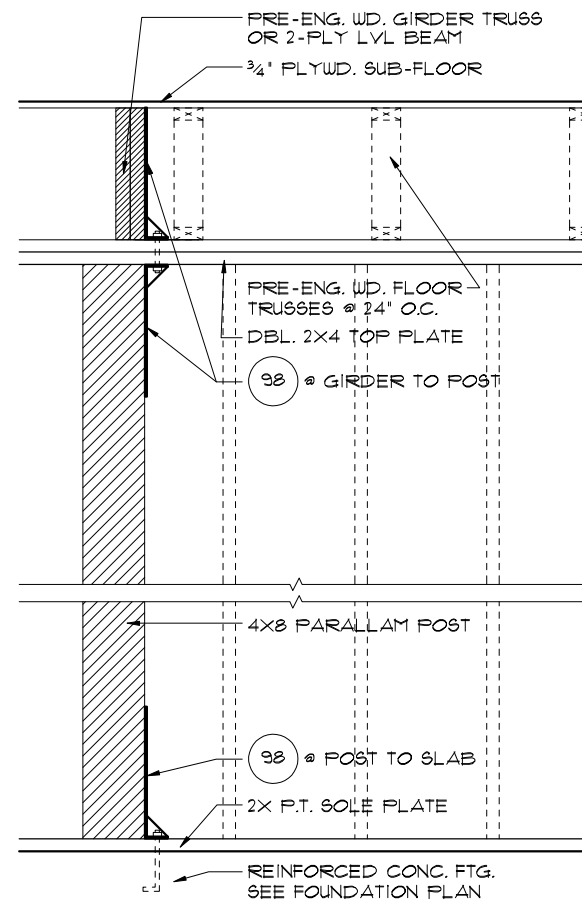
3 DETAIL

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



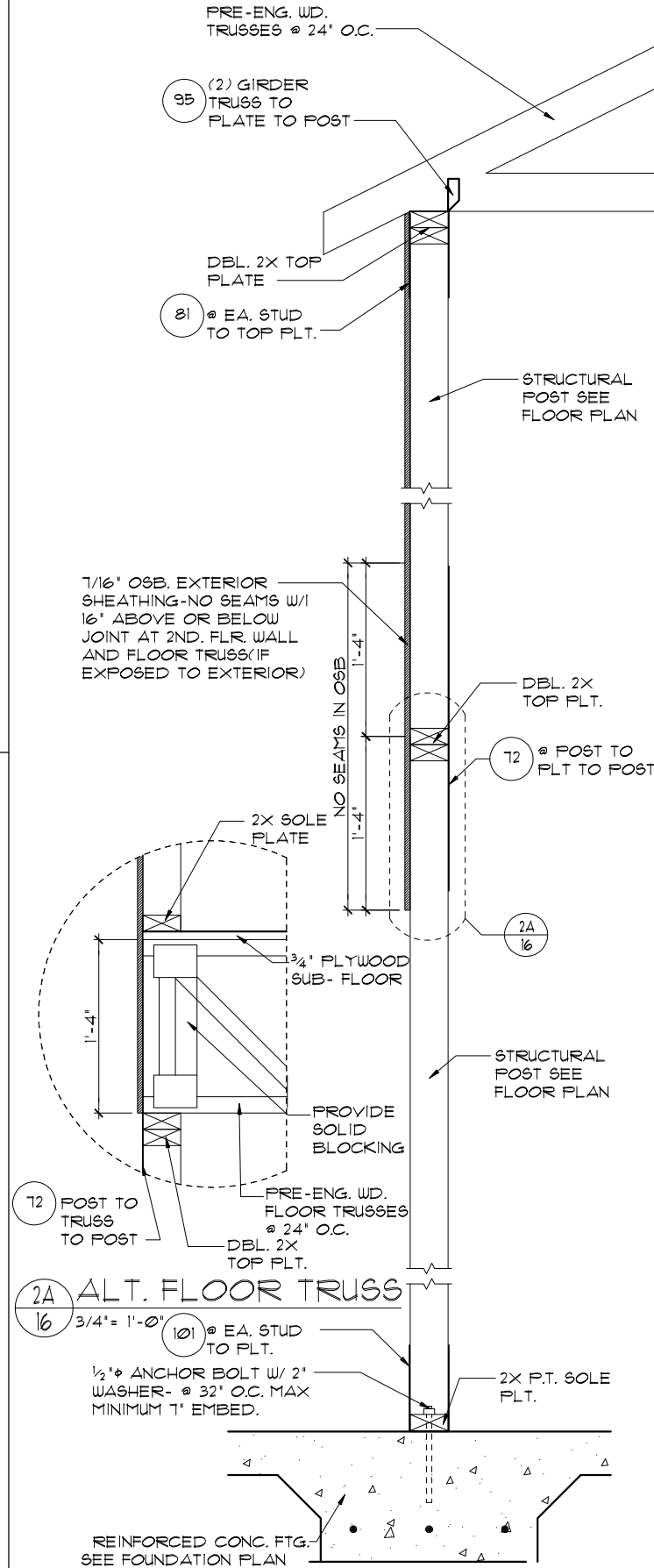
6 DETAIL

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



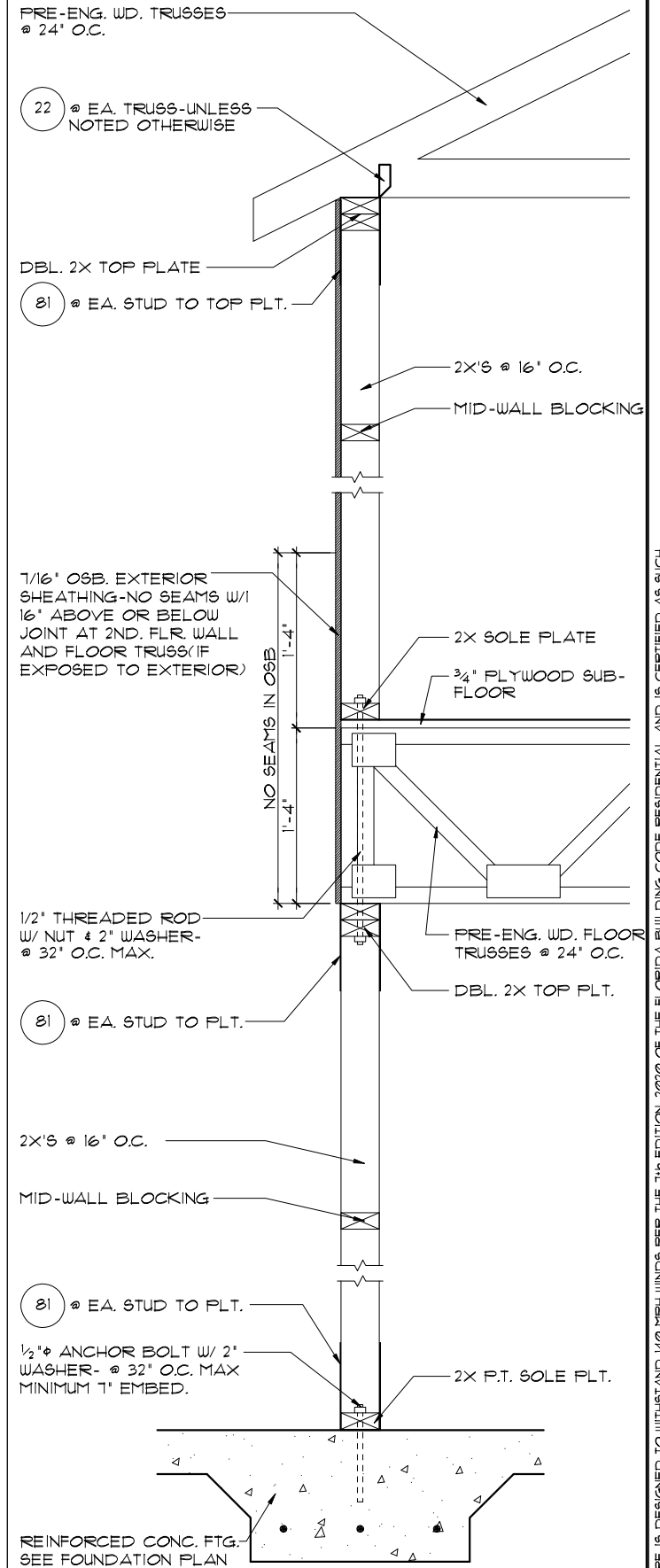
4 DETAIL

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



2 DETAIL

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



1 DETAIL

3/4"=1'-0" (11X17) 1/2"=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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REVISIONS

BY

TYPICAL DETAILS

AQUAMARINE

2913

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 2913

SHEET

16

OF SHEETS

PARADISO GRANDE

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS

		GRAVITY											
LENGTH	TYPE	8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1B	8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B
2'-10" (34')	PRECAST	2302	3166	4473	6039	7526	9004	10472	17936	3166	4473	6039	7526
3'-6" (42')	PRECAST	2302	3138	3371	4689	6001	735	8630	9941	3138	3371	4689	6001
4'-0" (48')	PRECAST	2029	2646	4473	6039	7526	9004	10472	17936	2646	4473	6039	7526
4'-6" (54')	PRECAST	1651	1787	1913	2691	3403	4149	4896	5644	1787	1913	2691	3403
5'-4" (64')	PRECAST	1184	1665	2889	5091	6096	5400	6424	7450	1665	2889	5091	6096
5'-10" (70')	PRECAST	972	1459	2464	4144	5458	4431	5280	6122	2464	4144	5458	4431
6'-6" (78')	PRECAST	931	1255	2101	3396	5260	7134	8995	6080	2101	3396	5260	7134
7'-6" (90')	PRECAST	761	1029	1675	2610	3839	5596	6613	5041	1675	2610	3839	5596
9'-4" (112')	PRECAST	573	632	1049	1469	210	1482	1754	2021	1049	1469	210	1482
10'-6" (126')	PRECAST	456	482	802	1125	95	1122	1328	1535	802	1125	95	1122
11'-4" (136')	PRECAST	445	528	935	1365	1854	2355	1793	2075	935	1365	1854	2355
12'-0" (144')	PRECAST	364	545	864	1254	1693	2211	2832	3590	864	1254	1693	2211
13'-4" (160')	PRECAST	312	421	726	1028	1331	1635	1224	1418	726	1028	1331	1635
14'-0" (168')	PRECAST	338	455	700	1003	1335	1714	2153	2666	700	1003	1335	1714
14'-8" (176')	PRESTRESSED	N.R.	469	765	1370	2045	2610	3185	3765	765	1370	2045	2610
15'-4" (184')	PRESTRESSED	N.R.	420	635	1250	1855	2370	2890	3410	635	1250	1855	2370
17'-4" (208')	PRESTRESSED	N.R.	310	530	950	1400	1800	2200	2600	530	950	1400	1800
19'-4" (232')	PRESTRESSED	N.R.	240	400	750	1030	1400	1720	2030	400	750	1030	1400
21'-4" (256')	PRESTRESSED	N.R.	183	330	610	940	1340	1760	210	330	610	940	1340
22'-0" (264')	PRESTRESSED	N.R.	160	300	570	870	1250	1660	1970	300	570	870	1250
24'-0" (288')	PRESTRESSED	N.R.	130	240	470	720	1030	1350	1670	240	470	720	1030

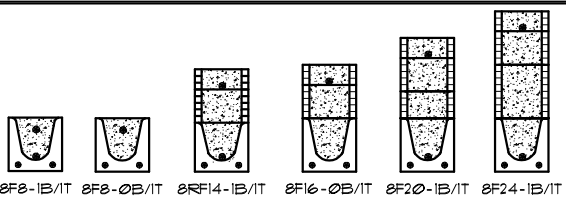
8" PRECAST W/ 2" RECESS DOOR U-LINTELS

		GRAVITY											
LENGTH	TYPE	8R16	8R16-0B	8R16-0B	8R16-0B	8R16-0B	8R16-0B	8R16-0B	8R16-0B	8R16-0B	8R16-0B	8R16-0B	8R16-0B
4'-4" (52')	PRECAST	1489	1591	3053	2382	3954	4929	5904	6880	1591	3053	2382	3954
4'-6" (54')	PRECAST	1351	1449	2782	2114	3600	4481	5375	6264	1449	2782	2114	3600
5'-8" (68')	PRECAST	185	832	1602	1550	2058	2566	3075	3585	1602	1550	2058	2566
5'-10" (70')	PRECAST	135	775	1500	1449	1914	2400	2876	3352	1500	1449	1914	2400
6'-8" (80')	PRECAST	822	907	1671	2533	2576	3273	3872	4522	1671	2533	2576	3273
7'-6" (90')	PRECAST	665	761	1371	2252	1958	2451	2944	3439	1371	2252	1958	2451
9'-8" (116')	PRECAST	371	420	834	1233	1071	1342	1614	1886	834	1233	1071	1342

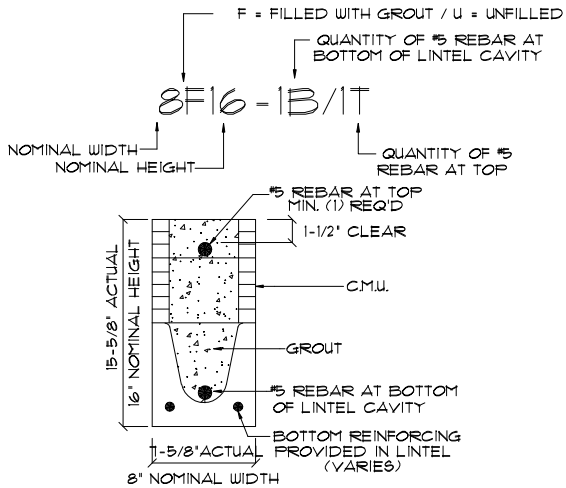
8" PRECAST & PRESTRESSED U-LINTELS

		UPLIFT											
LENGTH	TYPE	8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T
2'-10" (34')	PRECAST	2721	2784	3381	5190	6401	7630	8851	2021	2784	3381	5190	6401
3'-6" (42')	PRECAST	2165	2289	3260	4231	5219	6204	7192	1251	2289	3260	4231	5219
4'-0" (48')	PRECAST	1878	2165	3165	4125	5091	6061	7036	938	3165	4125	5091	6061
4'-6" (54')	PRECAST	1660	1762	2501	3257	4010	4761	5525	127	2501	3257	4010	4761
5'-4" (64')	PRECAST	1393	1431	2050	2670	3293	3920	4549	505	2050	2670	3293	3920
5'-10" (70')	PRECAST	1272	1351	1930	2505	3084	3665	4241	418	1930	2505	3084	3665
6'-6" (78')	PRECAST	1141	1200	1733	2250	2769	3290	3812	107	1733	2250	2769	3290
7'-6" (90')	PRECAST	959	1029	1466	1907	2351	2791	3240	591	1466	1907	2351	2791
9'-4" (112')	PRECAST	801	871	1255	1665	2084	2503	2922	454	1255	1665	2084	2503
10'-6" (126')	PRECAST	666	716	1039	1385	1711	2034	2358	396	1039	1385	1711	2034
11'-4" (136')	PRECAST	666	716	1039	1385	1711	2034	2358	396	1039	1385	1711	2034
12'-0" (144')	PRECAST	631	681	1009	1355	1681	2004	2328	340	1009	1355	1681	2004
13'-4" (160')	PRECAST	573	623	951	1297	1623	1946	2270	302	951	1297	1623	1946
14'-0" (168')	PRECAST	458	508	831	1177	1503	1826	2150	256	831	1177	1503	1826
14'-8" (176')	PRESTRESSED	243	293	423	553	677	801	925	NR	423	553	677	801
15'-4" (184')	PRESTRESSED	228	278	408	538	662	786	910	NR	408	538	662	786
17'-4" (208')	PRESTRESSED	188	238	368	498	622	746	870	NR	368	498	622	746
19'-4" (232')	PRESTRESSED	165	215	345	475	600	724	848	NR	345	475	600	724
21'-4" (256')	PRESTRESSED	142	192	322	452	576	700	824	NR	322	452	576	700
22'-0" (264')	PRESTRESSED	131	181	311	441	565	689	813	NR	311	441	565	689
24'-0" (288')	PRESTRESSED	121	171	301	431	555	679	803	NR	301	431	555	679

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



TYPE DESIGNATION



MATERIALS

1. f'c precast lintels = 3500 psi.
 2. f'c prestressed lintels = 6000 psi.
 3. f'c grout = 3000 psi w/ maximum 3/8" aggregate.
 4. Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
 5. Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
 6. Prestressing strand per ASTM A416 grade 270 low relaxation.
 7. 1/32 wire per ASTM A510.
 8. Mortar per ASTM C270 type M or S.
- ## GENERAL NOTES
1. Provide full mortar head and bed joints.
 2. Shore filled lintels as required.
 3. Installation of lintel must comply with the architectural and/or structural drawings.
 4. Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
 5. All lintels meet or exceed L/360 vertical deflection, except lintels 17'-4" and longer with a nominal height of 8' meet or exceed L/180.
 6. Bottom field added rebar to be located at the bottom of the lintel cavity.
 7. 1/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
 8. Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
 9. Safe load ratings based on rational design analysis per ACI 318 and ACI 530.

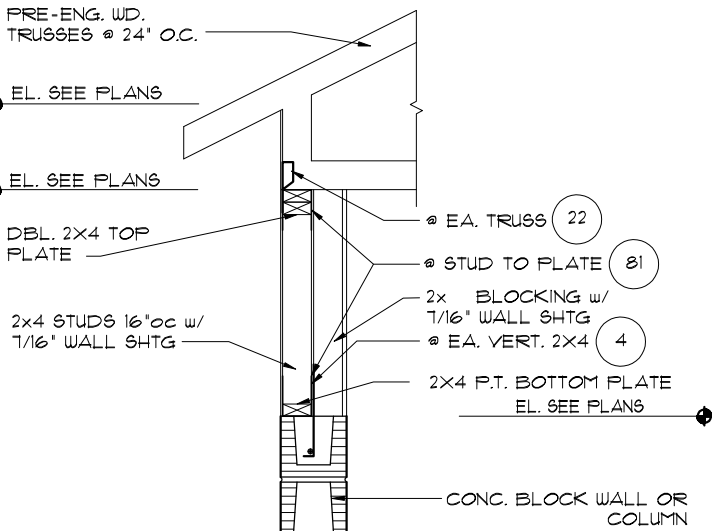
SAFE LOAD TABLE NOTES

1. All values based on minimum 4" bearing. Exception: Safe loads for unfilled lintels must be reduced by 20% if bearing length is less than 6-1/2". Safe loads for all recessed lintels based on 8" nominal bearing.
2. N.R. = Not Rated.
3. Safe loads are total superimposed allowable load on the section specified.
4. Safe loads based on grade 40 or grade 60 field rebar.
5. Additional lateral load capacity can be obtained by the designer by providing additional reinforced masonry above the precast lintel.
6. One #7 rebar may be substituted for two #5 rebars in 8" lintels only.
7. The designer may evaluate concentrated loads from the safe load tables by calculating the maximum resisting moment and shear at d-away from the face of support.
8. For composite lintel heights not shown, use safe load from next lower height.
9. All safe loads in units of pounds per linear foot.

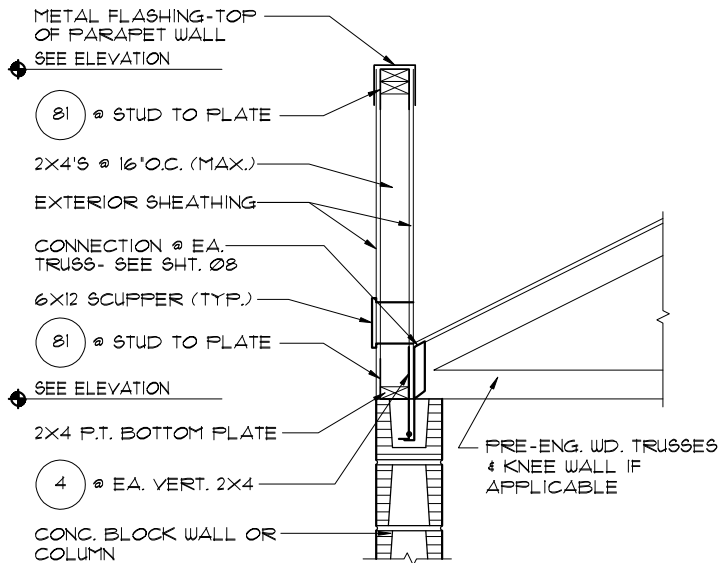
8" PRECAST W/ 2" RECESS DOOR U-LINTELS

		UPLIFT											
LENGTH	TYPE	8R16-1T	8R16-1T	8R16-1T	8R16-1T	8R16-1T	8R16-1T	8R16-1T	8R16-1T	8R16-1T	8R16-1T	8R16-1T	8R16-1T
4'-4" (52')	PRECAST	1244	1573	2413	3260	412	4961	5825	932	2413	3260	412	4961
4'-6" (54')	PRECAST	1192	1459	2240	3036	3837	4756	5571	893	2240	3036	3837	4756
5'-8" (68')	PRECAST	924	1172	1795	2423	3055	3689	4325	501	1795	2423	3055	3689
5'-10" (70')	PRECAST	896	1138	1742	2352	2965	3581	4198	469	1742	2352	2965	3581
6'-8" (80')	PRECAST	718	882	1513	2042	2573	3107	3642	830	1513	2042	2573	3107
7'-6" (90')	PRECAST	688	849	1302	1762	2220	2753	3271	710	1302	1762	2220	2753
9'-8" (116')	PRECAST	533	671	1009	1369	1728	2088	2450	516	1009	1369	1728	2088

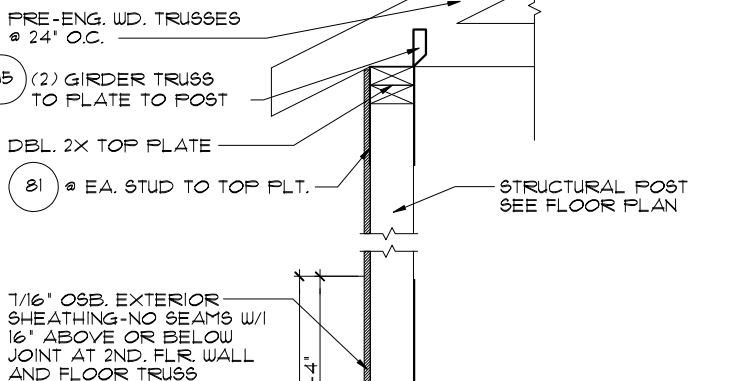
*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



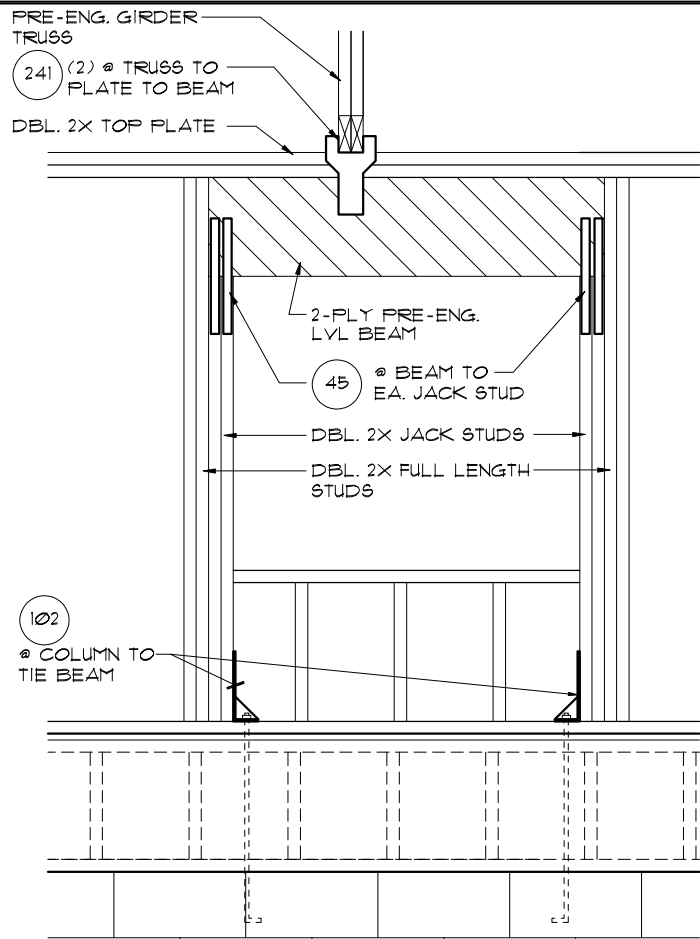
DETAIL 5 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



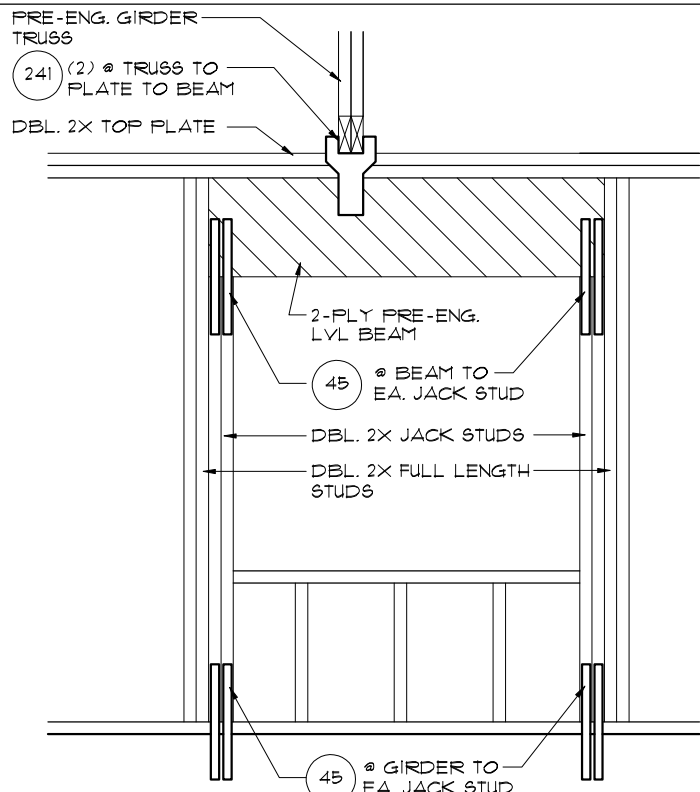
DETAIL 2 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



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



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



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

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 1st EDITION, 2010 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

PARADISO GRANDE

REVISIONS BY
Engineering By:
D&E and C
MICHAEL A. THOMPSON
PE 47509
PHONE 407-721-2292

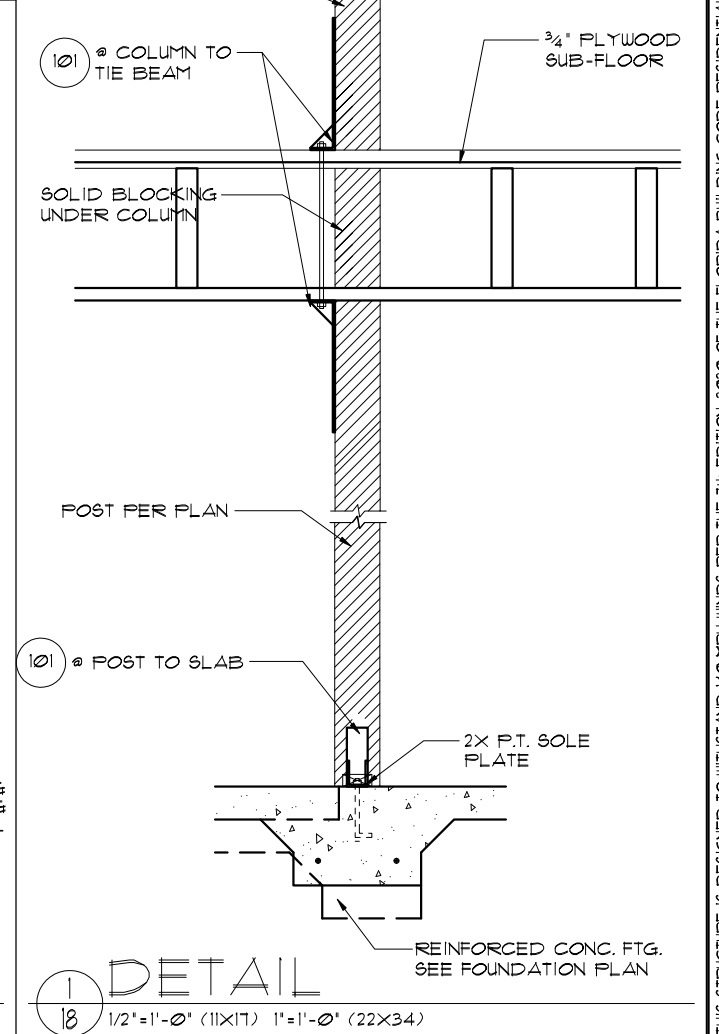
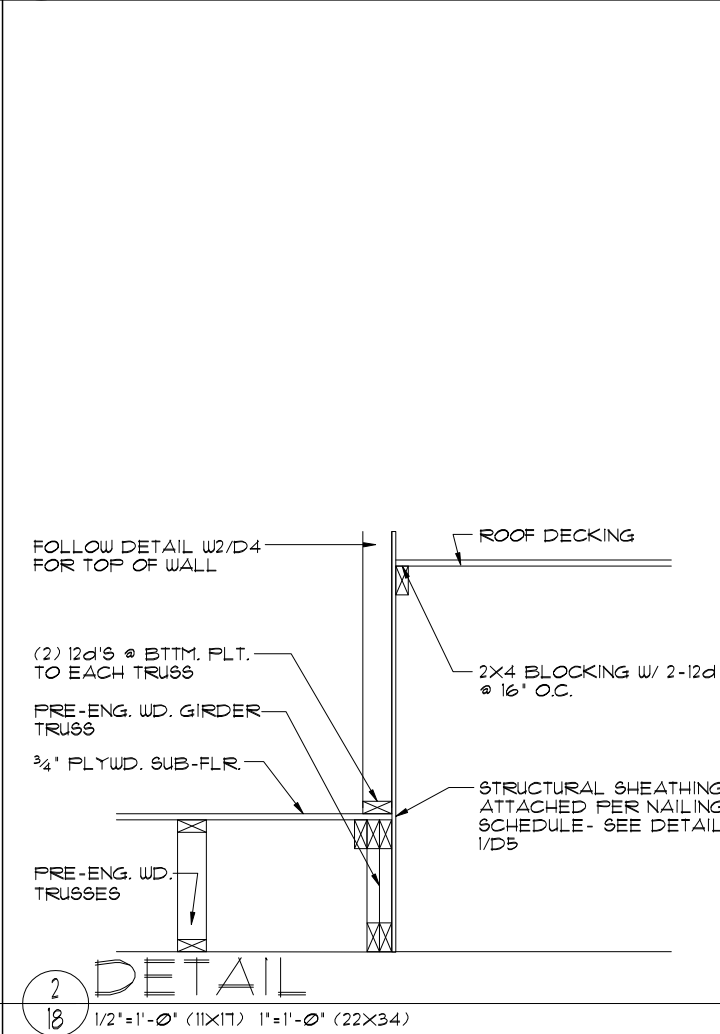
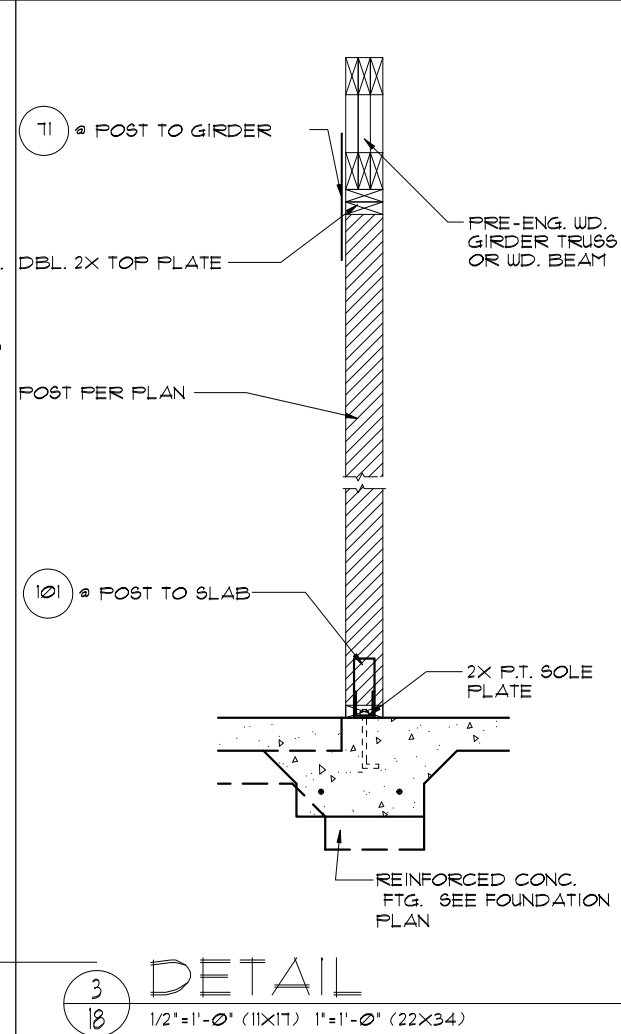
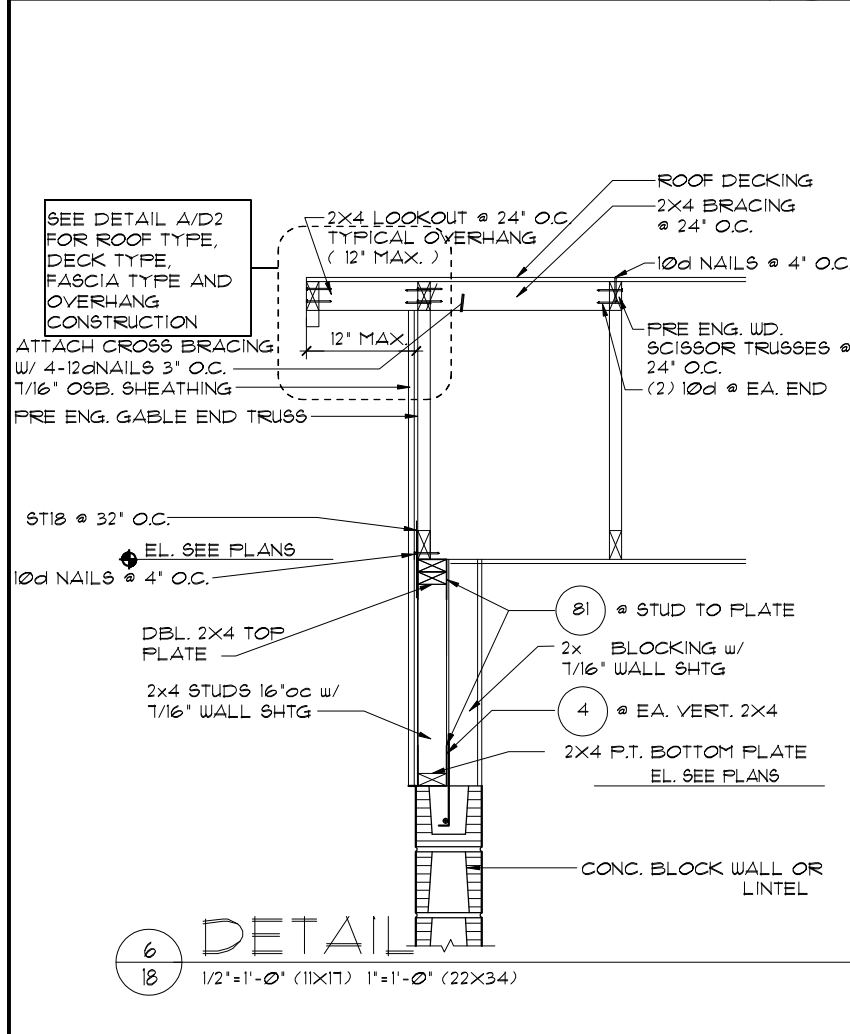
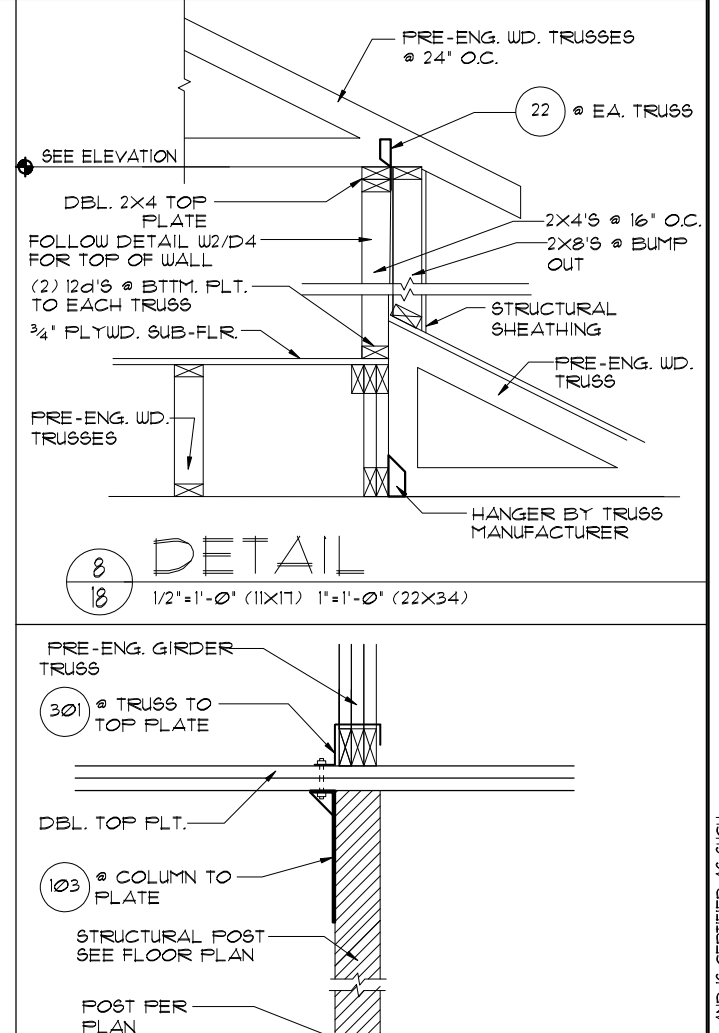
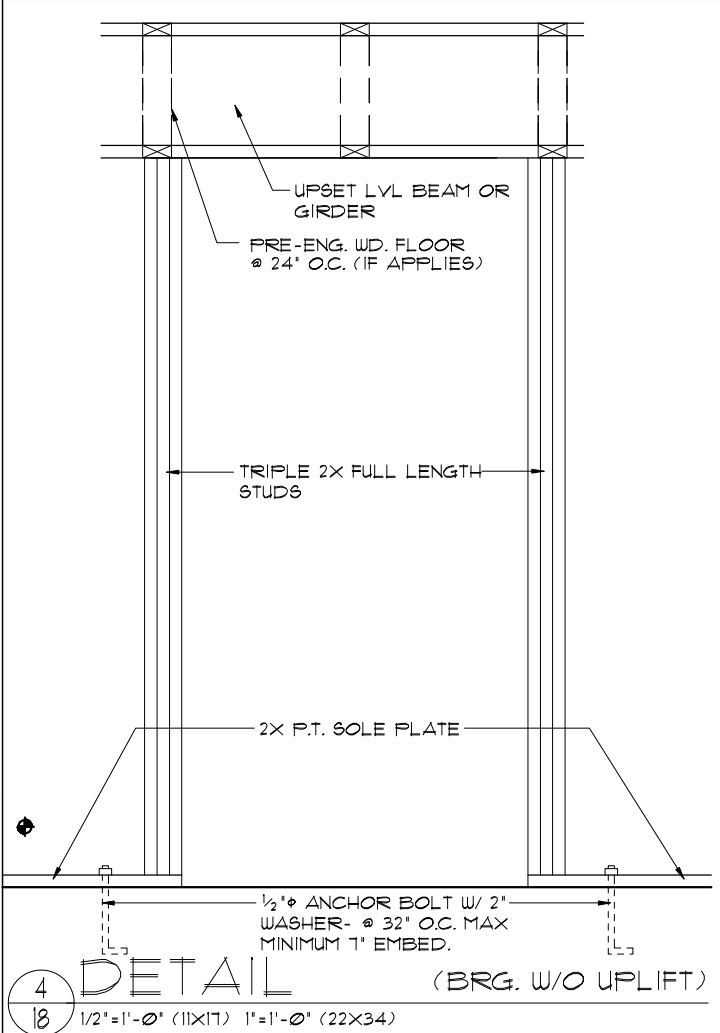
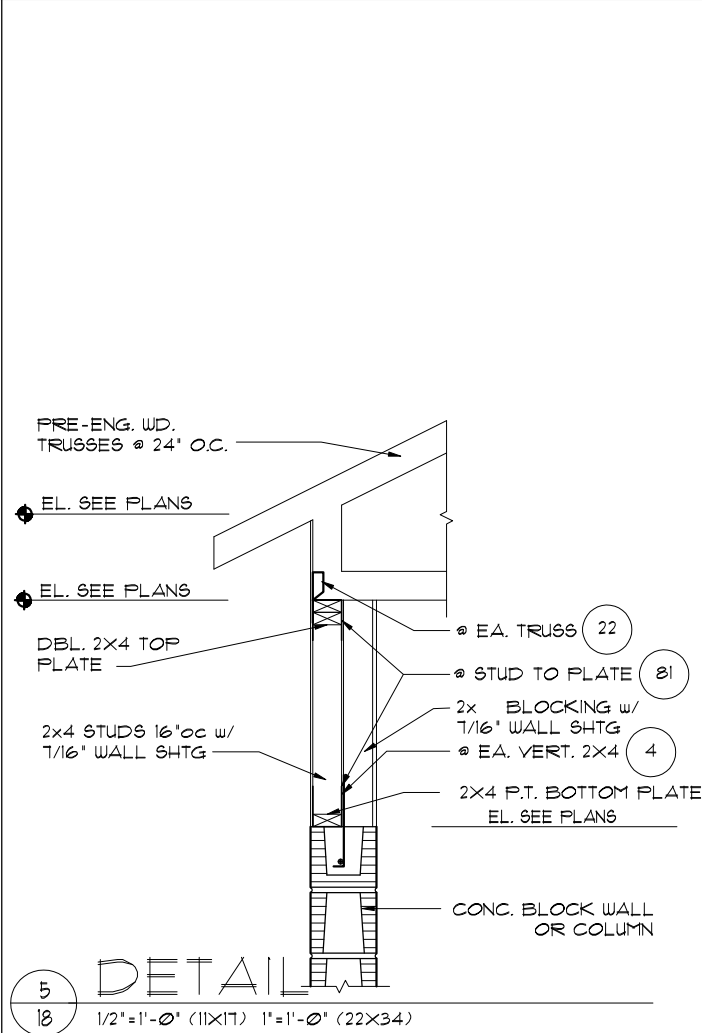
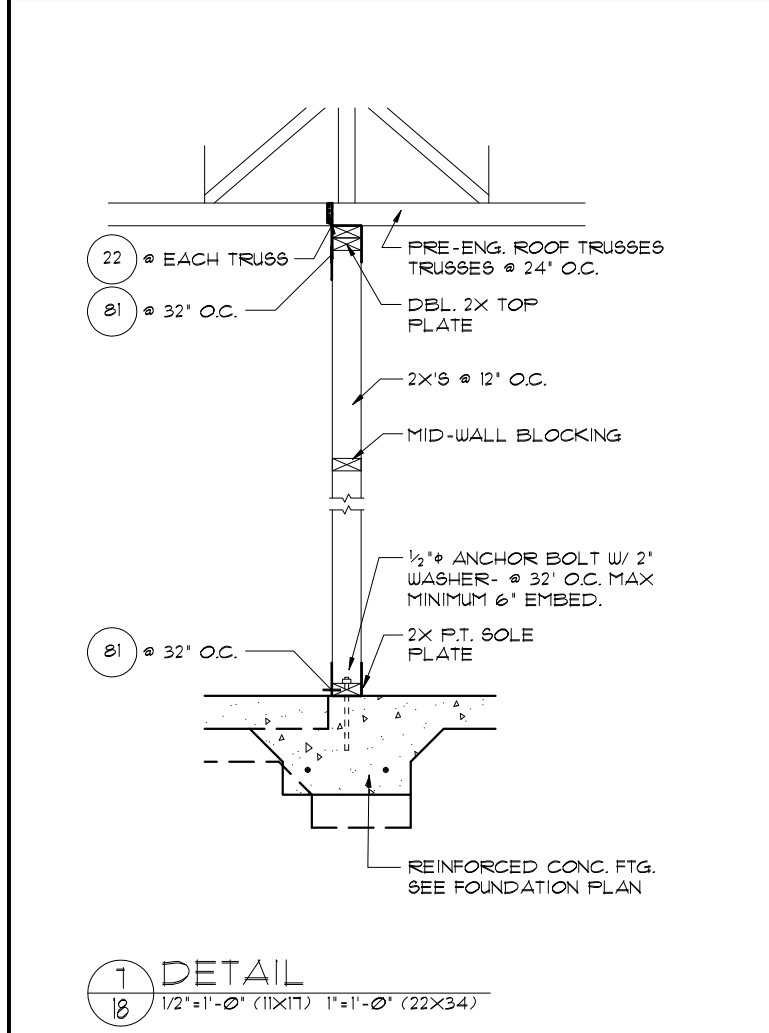
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Orlando, Florida 32811
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Park Square
HOMES

PRE CAST LINTEL DATA /
STRUCTURAL DETAILS

AQUAMARINE
PARADISO GRANDE

2913
DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 2913
SHEET 17
OF SHEETS



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SHEET 18 OF SHEETS

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

PARADISO GRANDE

PRE-ENG. WD. TRUSSES @ 24' O.C.

22 @ EA. TRUSS

DBL. 2X4 TOP PLATE

FOLLOW DETAIL W2/D4 FOR TOP OF WALL

(2) 12d'S @ BTM. PLT. TO EACH TRUSS

3/4" PLYWD. SUB-FLR.

PRE-ENG. WD. TRUSSES

STRUCTURAL SHEATHING

HANGER BY TRUSS MANUFACTURER

8
18

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

PRE-ENG. GIRDER TRUSS

301 @ TRUSS TO TOP PLATE

DBL. TOP PLT.

103 @ COLUMN TO PLATE

STRUCTURAL POST SEE FLOOR PLAN

POST PER PLAN

101 @ COLUMN TO TIE BEAM

3/4" PLYWOOD SUB-FLOOR

SOLID BLOCKING UNDER COLUMN

POST PER PLAN

101 @ POST TO SLAB

2X P.T. SOLE PLATE

REINFORCED CONC. FTG. SEE FOUNDATION PLAN

1
18

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