

5619 (A,B,C)

SEACOAST II PARADISO GRANDE

60' X 60'

REVISION SCHEDULE			
NO.	DATE	DESCRIPTION	BY
②	04-15-21	THIS MASTER CREATED FROM PLANS RECEIVED FROM PSH DATED	MF
①	07-07-21	-REVISED 2ND FLOOR EXTERIOR FINISH FROM STUCCO TO SMOOTH PANEL BOARD	JA
		-UPDATE CODE REFERENCES TO FBCR 2020, 1TH ED. 4 NEC 2017	
		-REVISE ALL ARCH SOFFITS TO FLAT	
③	11-16-21	-CHANGED WET BAR TO OPT.	ZN
④	06-20-23	-UPDATE FIRE ALARM PER BUILDER'S REQUEST	ZE
⑤	08/25/23	-ADD TILE TO MASTER CLOSETS	ZE
⑥	03/22/24	-CONVERTED SEACOAST PLAN TO NEW SEACOAST II MASTER	ZE

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
09A.0	ELECTRICAL PLAN
10A.0	UPPER ELECTRICAL PLAN
11A.0	TRUSS LAYOUT
12A.0	UPPER TRUSS LAYOUT
13A.0	PRECAST LINTEL LAYOUT
14	TYPICAL DETAILS/CONNECTOR SCHEDULE
15	TYPICAL DETAILS
16	TYPICAL DETAILS
17	TYPICAL DETAILS
18	TYPICAL DETAILS
19	KITCHEN OPTION
D1	TYPICAL STRUCTURAL DETAILS
D2	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
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SHEET INDEX- ELEVATION "C"

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01C.0	FOUNDATION PLAN
02C.0	FLOOR PLAN W/ DIMENSIONS
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04C.0	UPPER FLOOR PLAN W/ DIMENSIONS
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PARADISO GRANDE

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

Park Square HOMES

COVER SHEET

SEACOAST II

PARADISO GRANDE

5619

DATE 04-15-21

SCALE AS NOTED

DRAWN RDC

JOB 5619

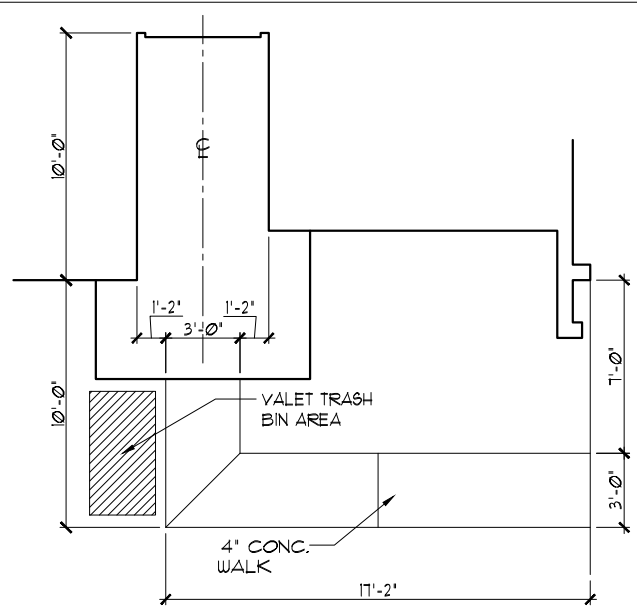
SHEET

00 OF SHEETS

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

LOT: 0000, PARADISO GRANDE

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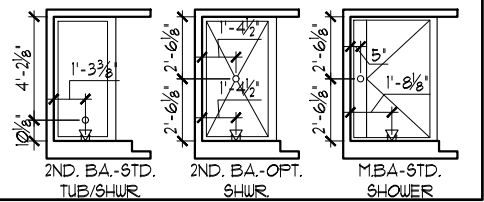
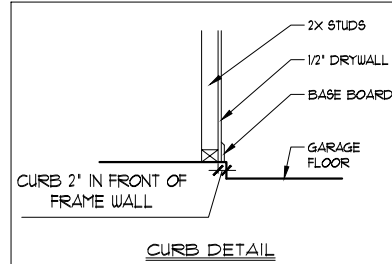


SIDEWALK LAYOUT

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

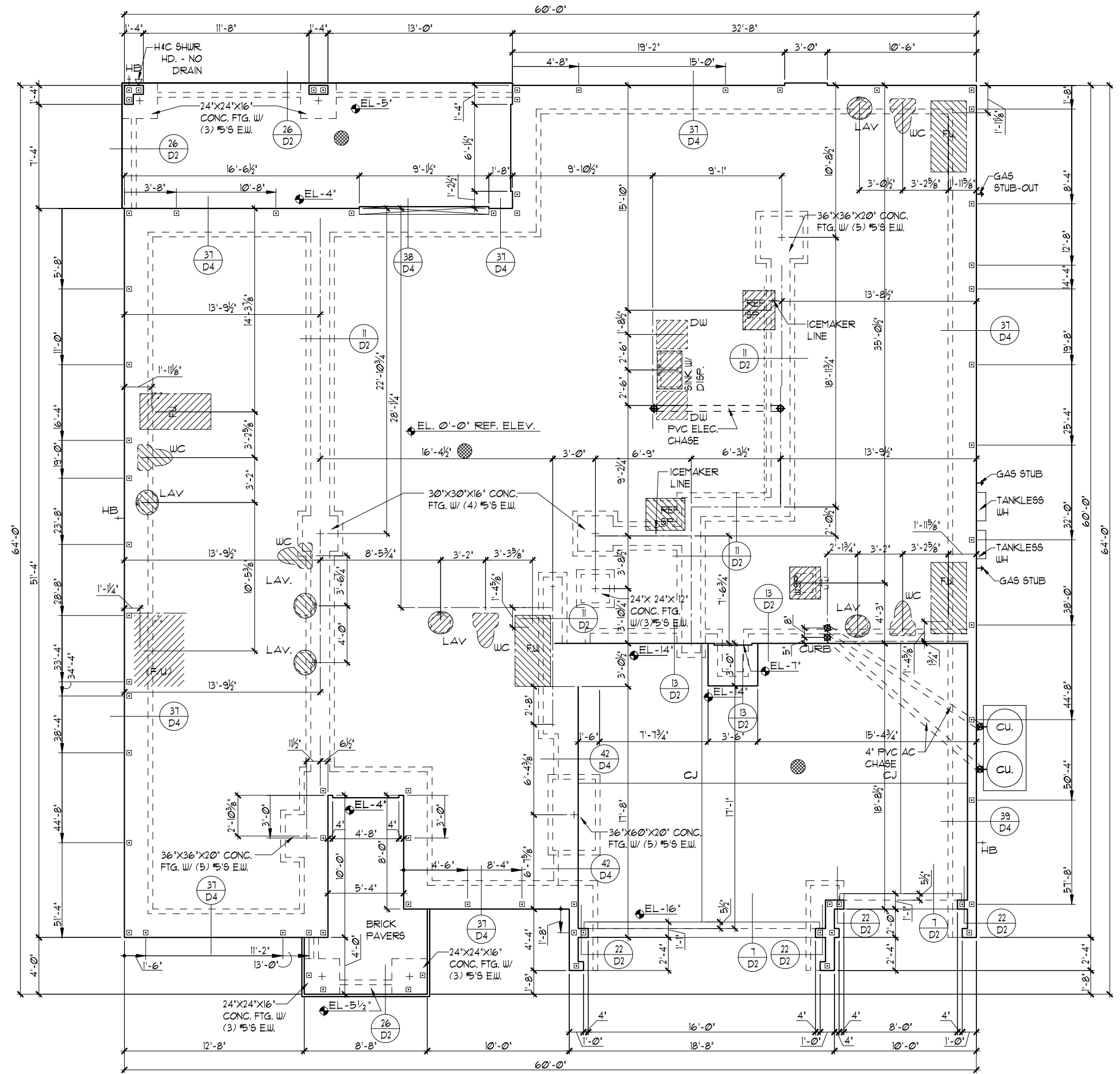
FOUNDATION NOTES

- CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
- DENOTES FILL CELL REINF. W/ CONC. W/ (1) #5 REBAR GRADE 60
- DENOTES FILL CELL REINF. W/ CONC. W/ (2) #5 REBAR GRADE 60
- DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
- WATER HEATER T & P RELIEF VALVE SHALL BE FULL SIZE TO EXTERIOR. WATER HEATER AT OR ABOVE FLOOR LEVEL SHALL BE IN A PAN WITH DRAIN TO EXTERIOR. WATER HEATER SHALL HAVE APPROVED THERMAL EXPANSION DEVICE.
- DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2500 P.S.I. 4" THICK WITH 6X6 10/10 GAUGE REINFORCING MAT. WITH MIN. 1" COVER. TERMITE TREATED SOIL WITH 0.06mm (6 mil) POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL. WVF SHALL BE PLACED IN MIDDLE TO UPPER THIRD OF SLAB AND SUPPORTED ON APPROVED SLAB BOLSTERS. FIBER MESH REINFORCEMENT MAY BE USED AS ALTERNATIVE TO WIRE MESH.
- PAVERS MAY BE USED I/O CONCRETE SLABS IN PATIO, PORCH, DRIVE AND WALKWAY AREAS. DELETE SLAB IN AREAS PAVERS ARE USED.
- ⊗ STANDARD FOOTING
- MECHANICAL EQUIP. LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
- IN LIEU OF TREATING THE SOIL, AN ALTERNATIVE TO TERMITE TREATED SOIL CAN BE TERMICIDE.
- BORA-CARE TO BE APPLIED ON INTERIOR WALLS IAW MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PURSUANT TO CH.482 FLORIDA BUILDING CODE.
- TYP. TUB/SHUR. VALVE & DRAIN LOCATIONS



FOUNDATION PLAN "A"

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



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 MICHAEL A. THOMPSON
 PE 47509
 PHONE 407-721-2292
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REVISIONS	BY

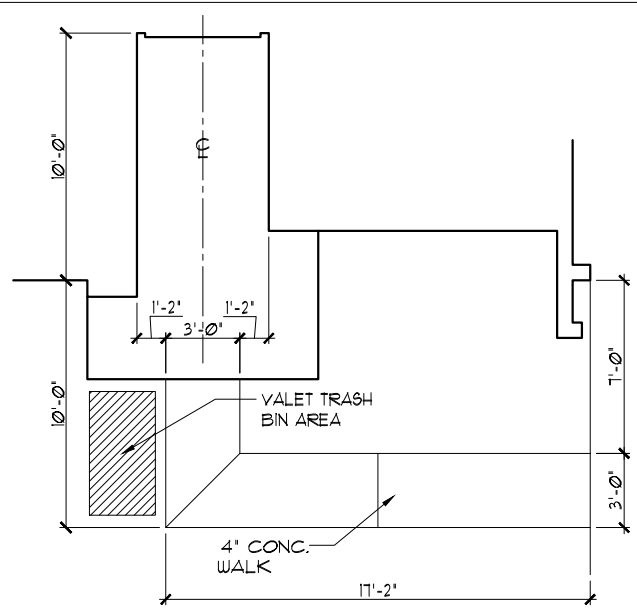
FOUNDATION PLAN

SEACOAST II

PARADISO GRANDE

5619

DATE 04-15-21
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 DRAWN RDC
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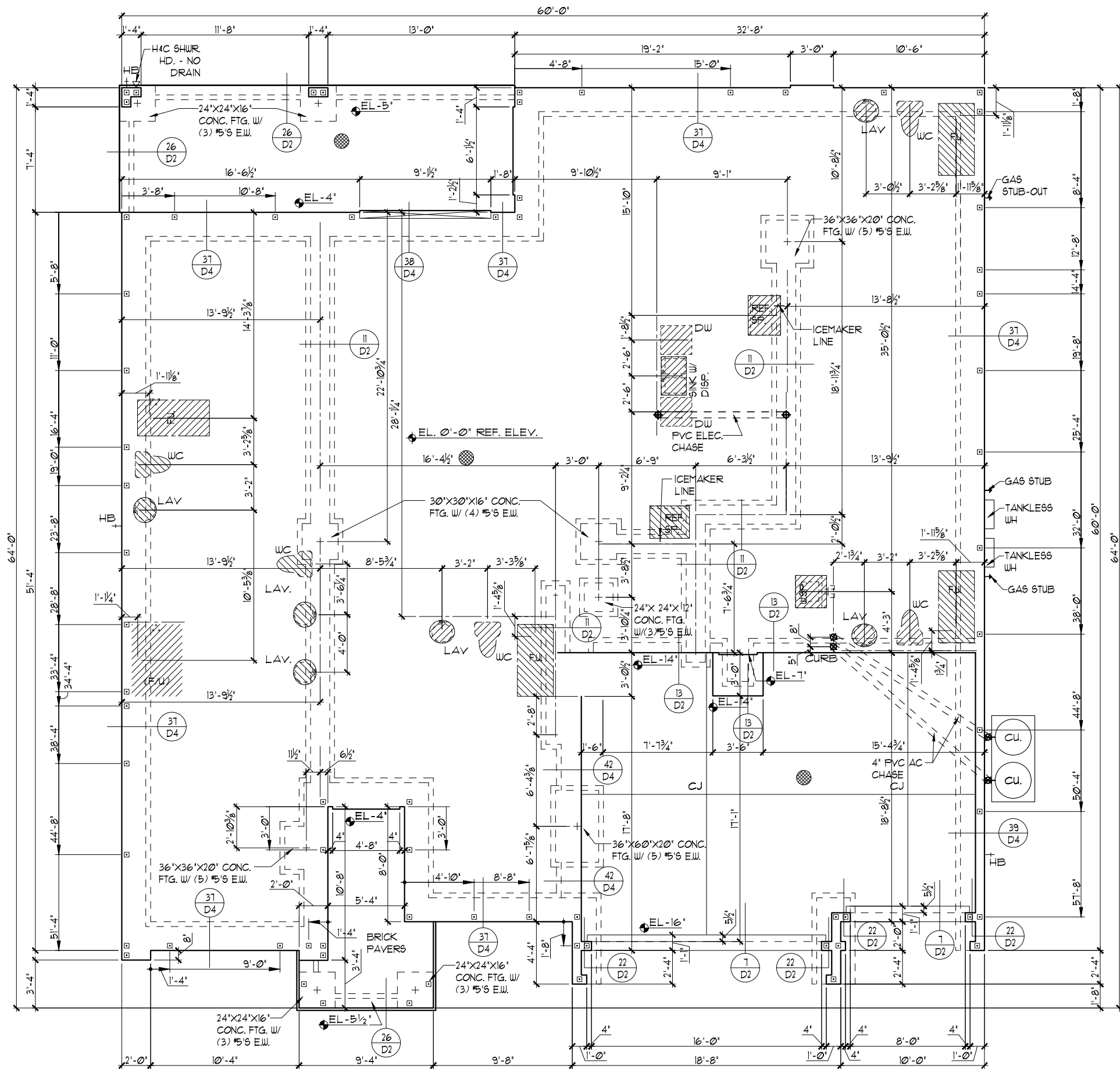
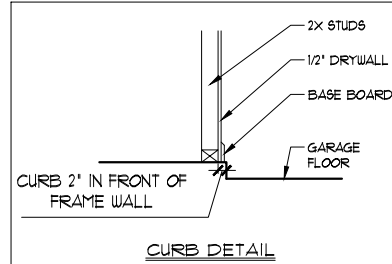
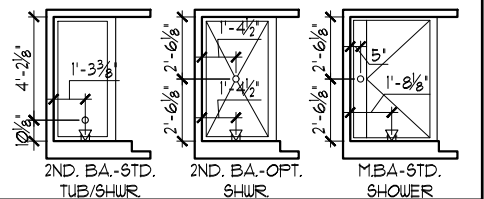


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Engineering By
 DBE and C
 MICHAEL A. THOMPSON
 PE 47509
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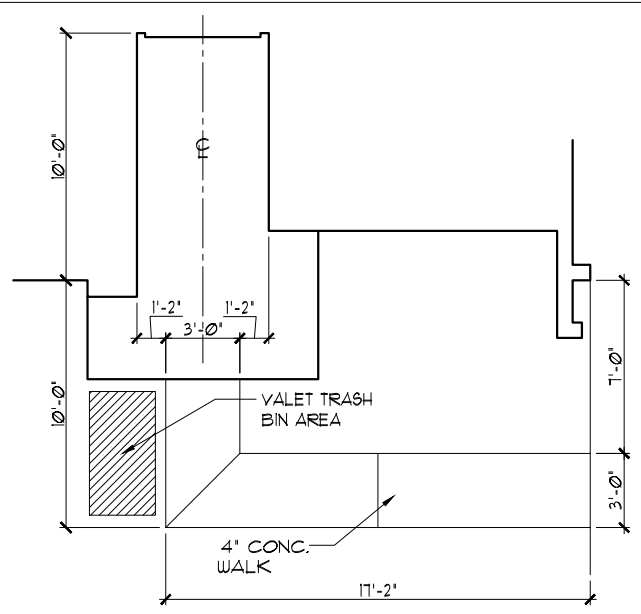
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FOUNDATION PLAN

SEACOAST II
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DATE	04-15-21
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DRAWN	RDC
JOB	5619
SHEET	01B.0
OF SHEETS	

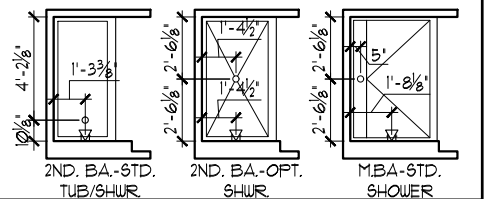
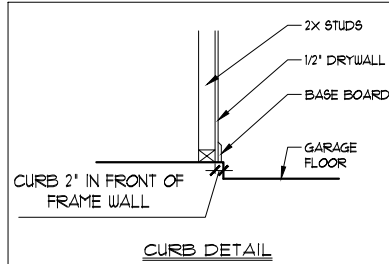


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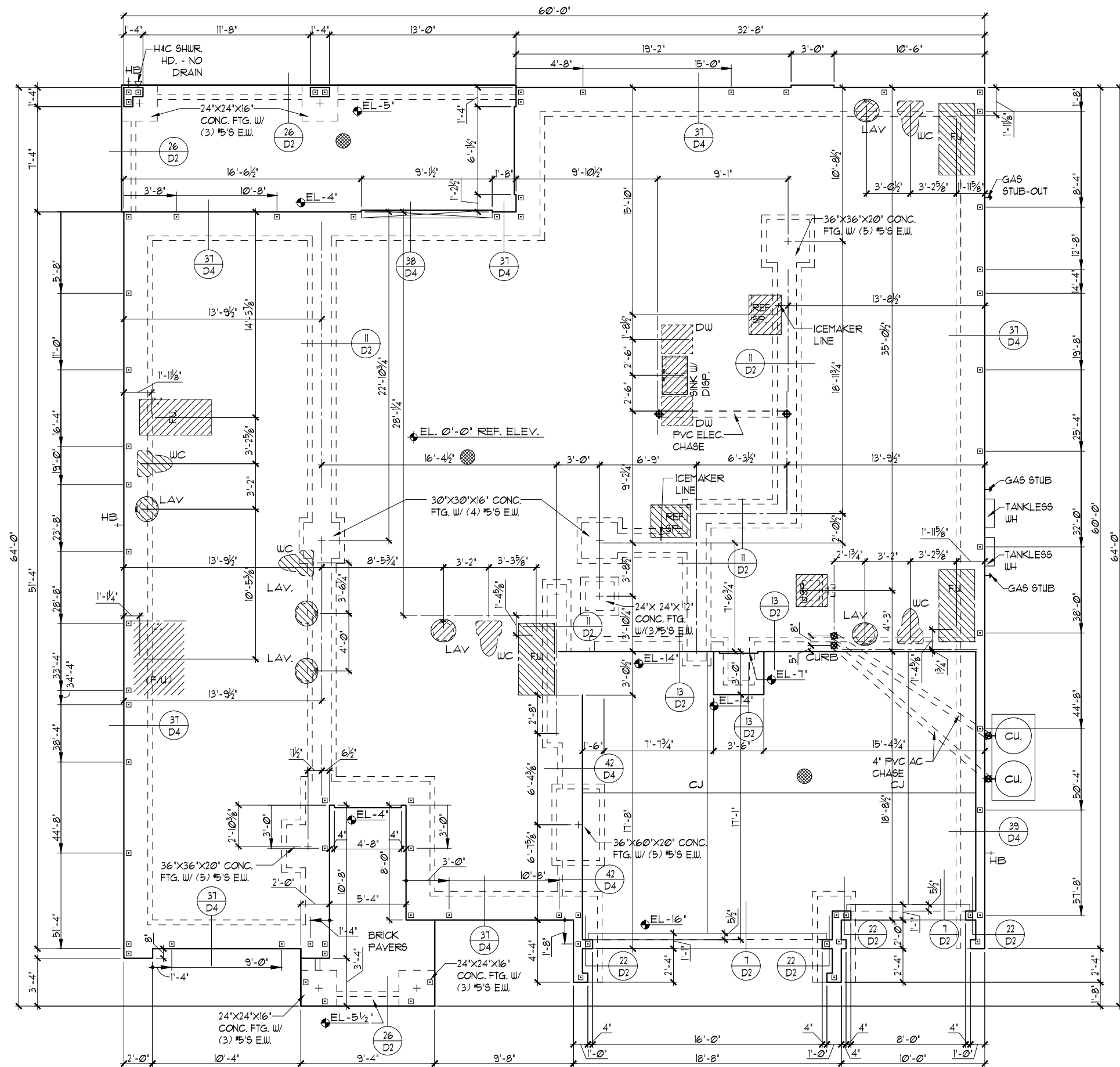
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FOUNDATION PLAN "C"

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FOUNDATION PLAN

SEACOAST II
PARADISO GRANDE

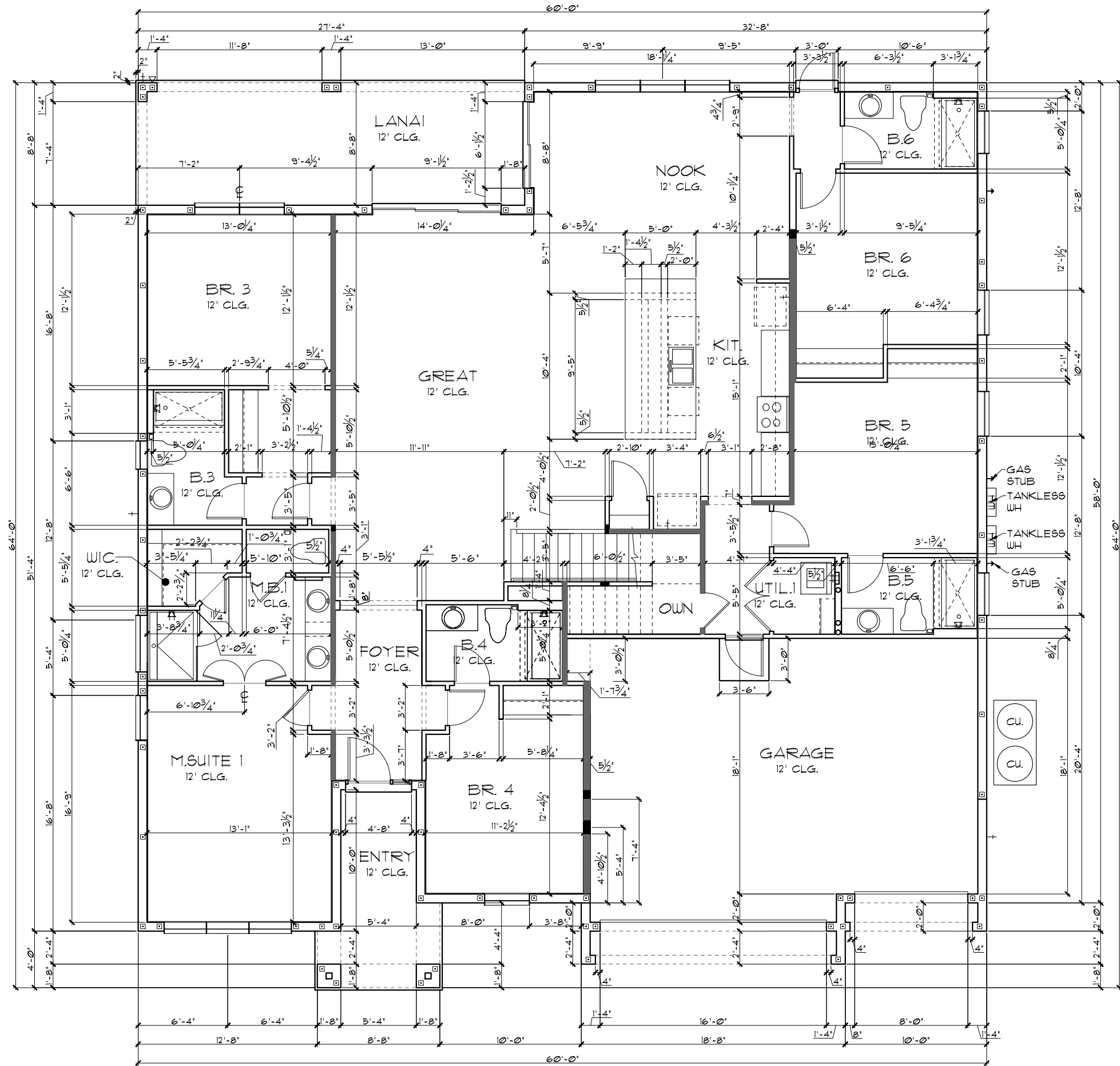
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SHEET
01C.0
OF SHEETS

REVISIONS	BY

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

TABULATION	
UPPER LIVING	2,919 SF.
LOWER LIVING	2,700 SF.
TOTAL LIVING	5,619 SF.
GARAGE	567 SF.
ENTRY	155 SF.
LANAI	237 SF.
TOTAL UNDER ROOF	6,578 SF.

- GENERAL NOTES**
- CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
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 - ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3/2" UNLESS NOTED OTHERWISE.
 - ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 1 1/2" UNLESS NOTED OTHERWISE.
 - PULL ALL DIMENSIONS FROM THE REAR OF PLAN.



FLOOR PLAN W/ DIMENSIONS "A"

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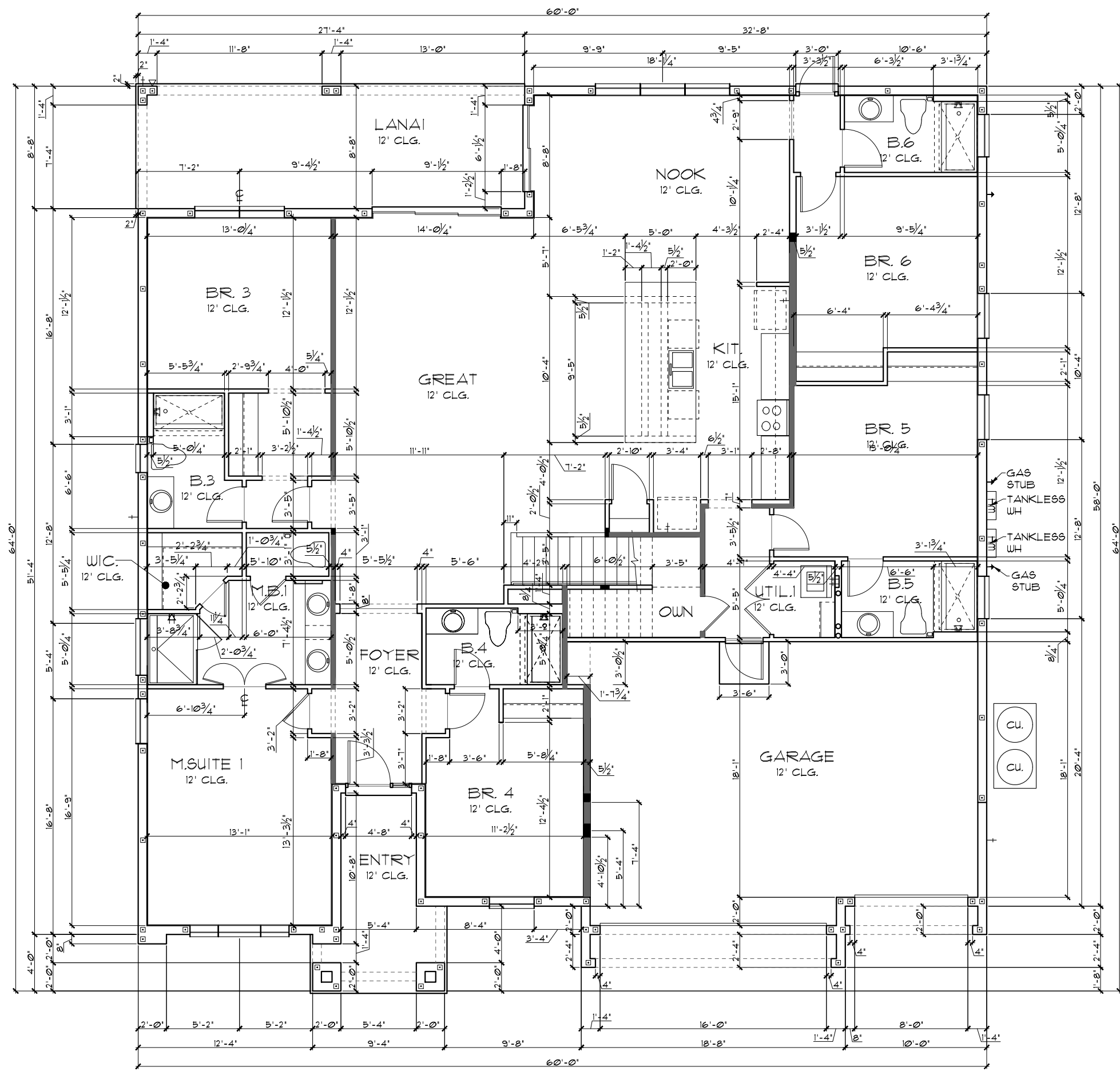
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 5200 Vlneland Road, Suite 200
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		REVISIONS	BY
		Engineering By: DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292	
SEACOAST II PARADISO GRANDE		FLOOR PLAN W/ DIMENSIONS	
5619		DATE	04-15-21
02A.0		SCALE	AS NOTED
OF SHEETS		DRAWN	RDG
5619		JOB	5619

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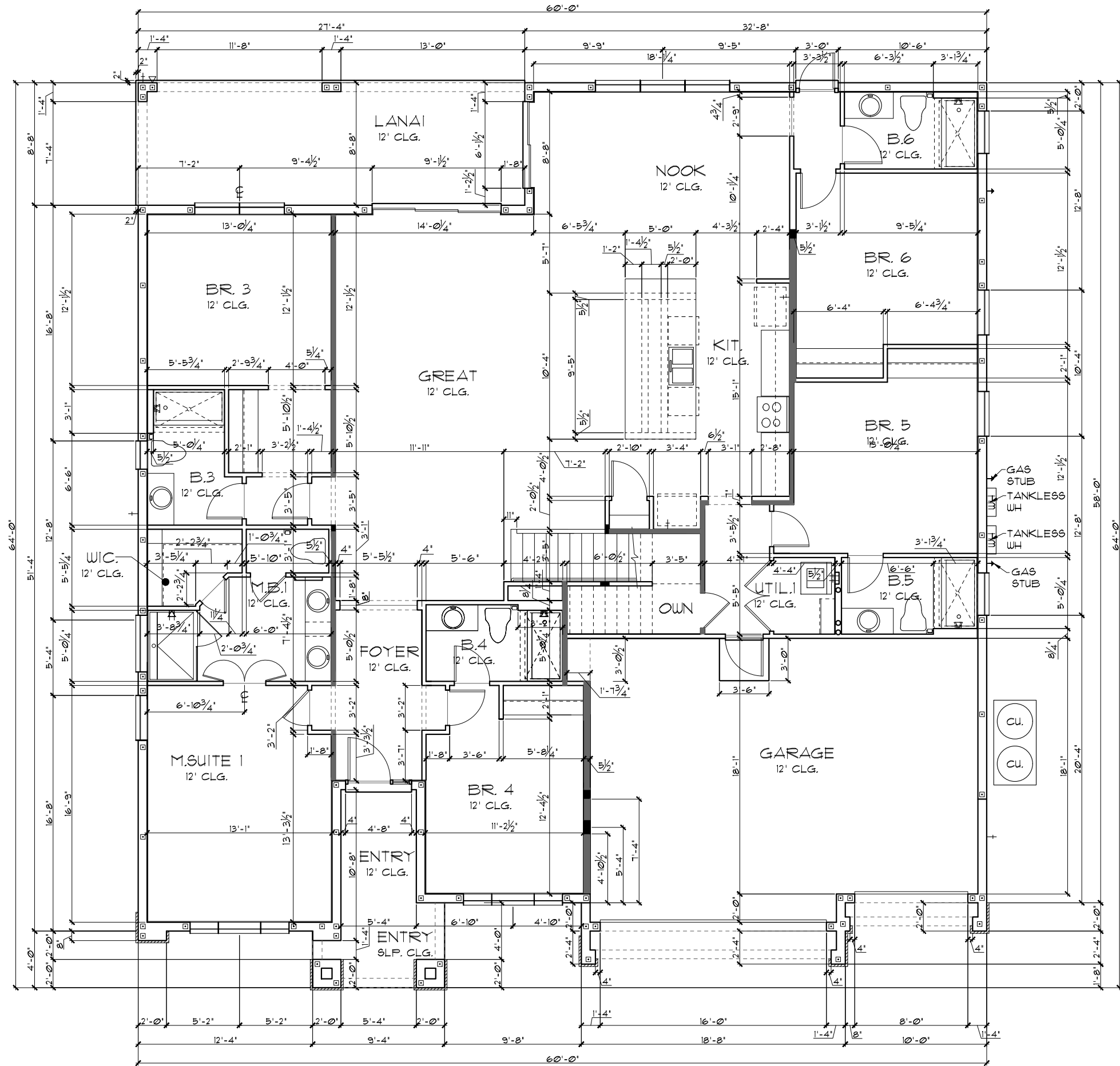
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FLOOR PLAN W/ DIMENSIONS "C"

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SEACOAST II PARADISO GRANDE		5619 DATE 04-15-21
		SCALE AS NOTED DRAWN RDC JOB 5619 SHEET 02C.0 OF SHEETS
FLOOR PLAN W/ DIMENSIONS		REVISIONS BY
Park Square HOMES		Engineering By: DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292

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

DEAD LOADS

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

ROOF: LIVE LOADS

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

FLOOR LIVE LOADS

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

ROOF LIVE LOADS

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

NOTE: 1. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20MIN. FIRE RATED IAW R302.5

PER FBC R301- TABLE R301.5

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

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

PER FBC R301- TABLE R301.5

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

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

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

NOTE: HANDRAIL CONTINUITY PER R311.1.8.2 - HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1 1/2" (38MM) BETWEEN THE WALL AND THE HANDRAIL.

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

- BASIC WIND SPEED: 140 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: B
- BUILDING TYPE: V B
- ENCLOSURE: +/- .18, INCLUDED CLASSIFICATION INTERNAL IN NOTE #6
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:

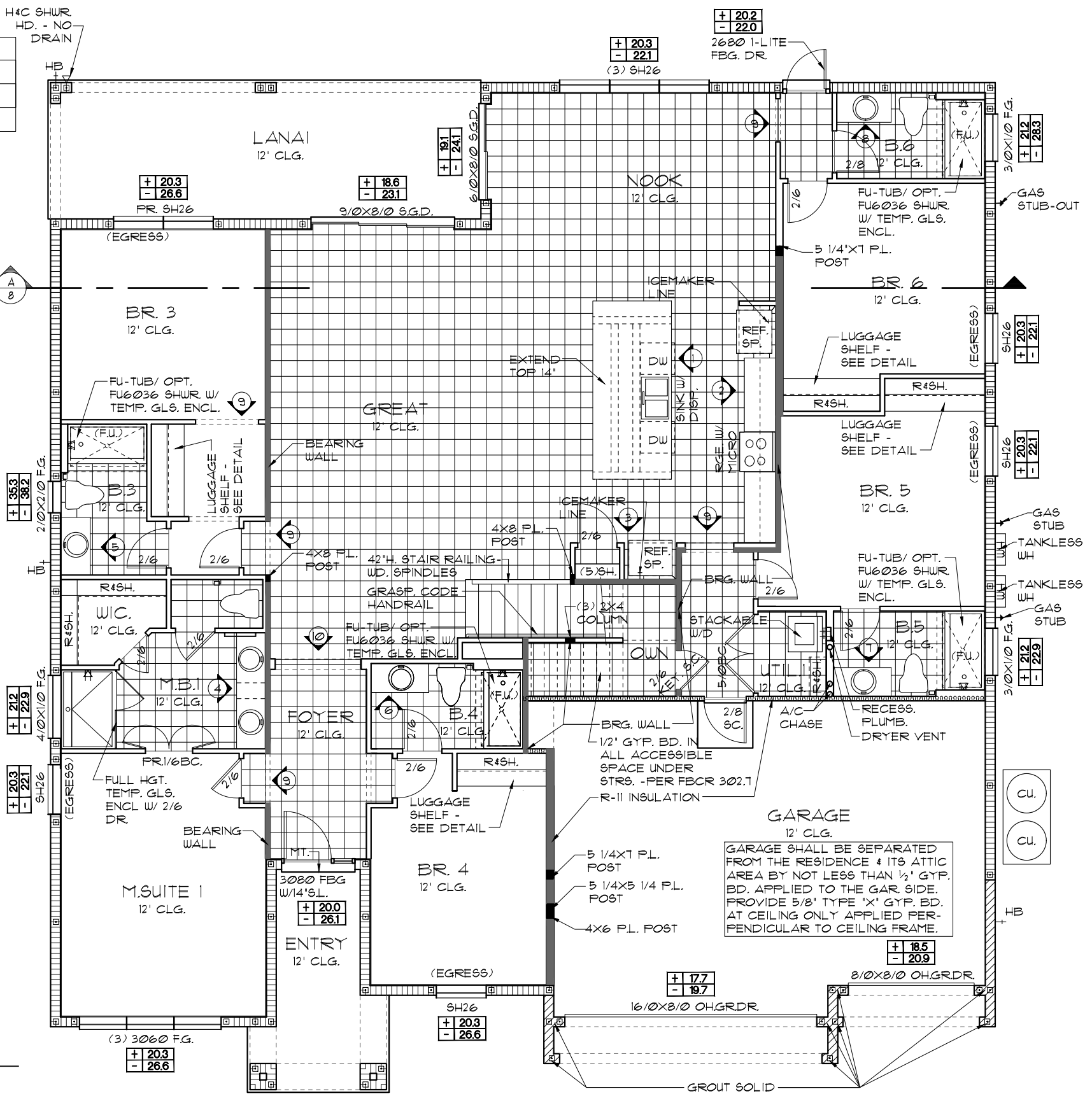
+ XXX DESIGN WIND PRESSURE IAW FLA
- XXX RESIDENTIAL CODE, SECTION R301

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

- GENERAL NOTES**
- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
 - VENT DRYER THRU ROOF.
 - PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
 - DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
 - MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
 - | | |
|----------|---|
| [Symbol] | DENOTES CONC. BLOCK WALL HGT. @ 12'-0" A.F.F. |
| [Symbol] | DENOTES CONC. BLOCK WALL HGT. @ 10'-0" A.F.F. |
 - REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
 - REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
 - ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M1307.2
 - ALL INTER. FIRST FLOOR CEILING AT 12'-0" UNLESS NOTED OTHERWISE.
ALL INTER. SECOND FLOOR CEILING AT 9'-0" UNLESS NOTED OTHERWISE.

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

- NOTE:**
- ALL EMERGENCY ESCAPE WINDOW SILLS TO BE NOT MORE THAN 44" MIN. A.F.F. - R310.2 - FBCR (2023)
 - WINDOWS SILLS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2



EGRESS WINDOW SCHEDULE - R310.2.1 - FBCR2023

SH26	31 1/8" H. X 33 1/4" W.	MIN. NET CLEAR OPENING 7.19 SQFT
SH26	72" H. X 37 3/4" W. R.O.	

NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

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

LOT: 0000, PARADISO GRANDE

SEACOAST II

PARADISO GRANDE

5619

DATE 04-15-21
SCALE AS NOTED
DRAWN RDC
JOB 5619
SHEET 03A.0 OF SHEETS

PARADISO GRANDE
A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineland Road, Suite 200
Orlando, Florida, 32818
Phone: (407) 529 - 3000

Park Square HOMES

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

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

DEAD LOADS

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

ROOF: LIVE LOADS

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

FLOOR LIVE LOADS

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

ROOF LIVE LOADS

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

NOTE: 1. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20MIN. FIRE RATED IAW R302.5

PER FBC R301- TABLE R301.5

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

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

PER FBC R301- TABLE R301.5

GUARDRAILS & HANDRAILS	200 PSF
GUARDRAIL IN - FILL COMPONENTS	50 PSF
PER FBC R312- R312.12 & R312.13 & R311.1.2.1	
GUARDRAILS HEIGHT	36" MIN.
HANDRAIL HEIGHT	34" MIN. TO 38" MAX.
GUARDRAIL OPENING LIMITATIONS	4" IN DIAMETER MAX.

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

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

- BASIC WIND SPEED: 140 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: B
- BUILDING TYPE: V B
- ENCLOSURE: +/- .18, INCLUDED CLASSIFICATION INTERNAL IN NOTE #6
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:

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

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

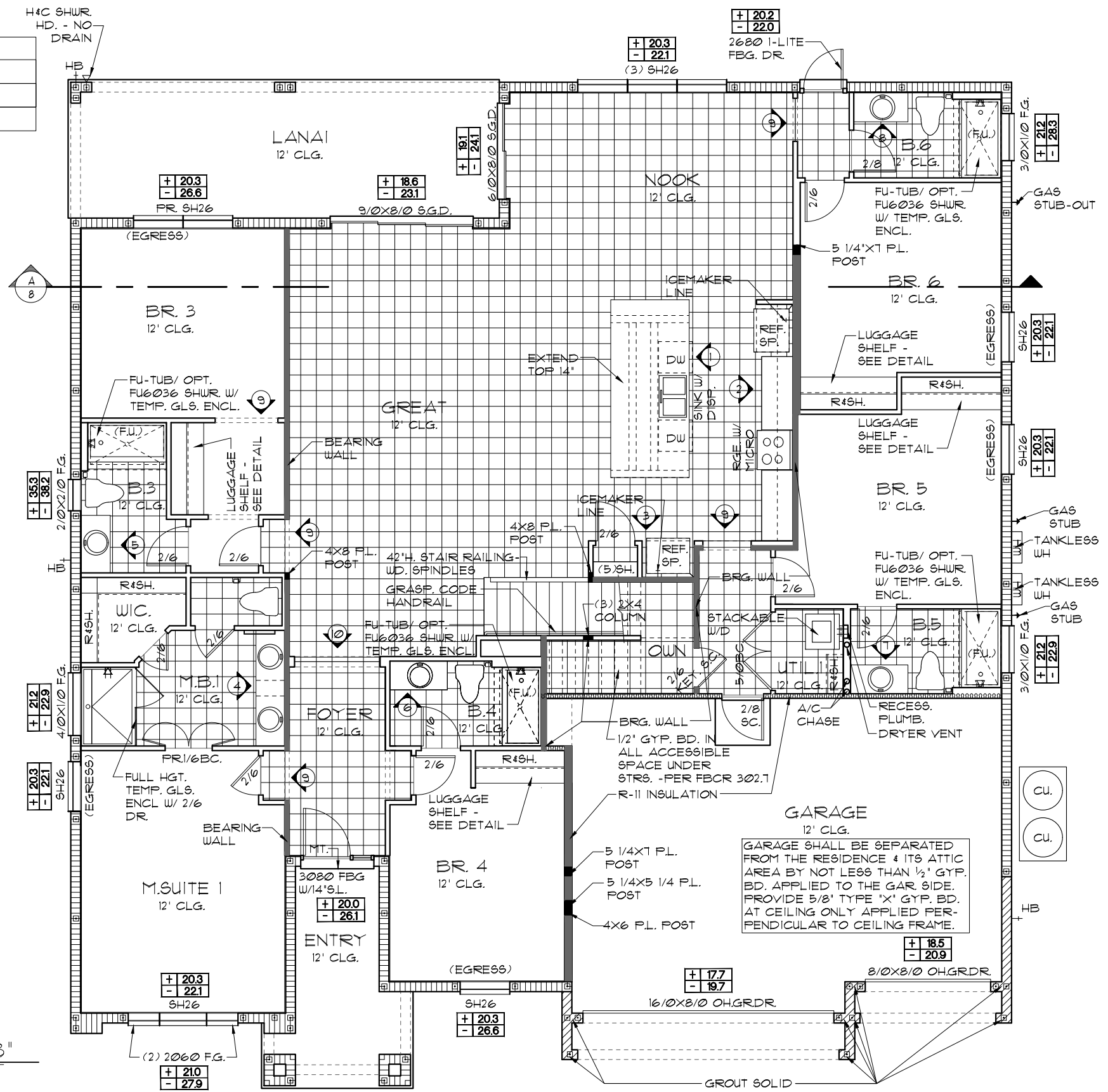
- GENERAL NOTES**
- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
 - VENT DRYER THRU ROOF.
 - PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
 - DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
 - MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
 - | | |
|-----------|---|
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ 12'-0" A.F.F. |
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ 10'-0" A.F.F. |
 - REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
 - REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
 - ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M1307.2
 - ALL INTER. FIRST FLOOR CEILING AT 12'-0" UNLESS NOTED OTHERWISE.
ALL INTER. SECOND FLOOR CEILING AT 9'-0" UNLESS NOTED OTHERWISE.

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

- NOTE:**
- ALL EMERGENCY ESCAPE WINDOW SILLS TO BE NOT MORE THAN 44" MIN. A.F.F. - R310.2 - FBCR (2023)
 - WINDOWS SILLS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

EGRESS WINDOW SCHEDULE - R310.2.1 - FBCR2023

SH26	31 1/8" H. X 33 1/4" W.	MIN. NET CLEAR OPENING 7.19 SQFT
SH26	72" H. X 37 3/4" W. R.O.	



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 000, PARADISO GRANDE
 THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH
 PARADISO GRANDE
 SEACOAST II
 5619
 DATE 04-15-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 5619
 SHEET 03B.0 OF SHEETS

PARADISO GRANDE
 A DIVISION OF PARK SQUARE ENTERPRISES, INC.
 5200 Vineland Road, Suite 200
 Orlando, Florida, 32818
 Phone: (407) 529 - 3000

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

REVISIONS

REVISIONS	BY

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

DEAD LOADS

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

ROOF: LIVE LOADS

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

FLOOR LIVE LOADS

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

ROOF LIVE LOADS

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

NOTE: 1. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20MIN. FIRE RATED IAW R302.5

PER FBC R301- TABLE R301.5

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

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

PER FBC R301- TABLE R301.5

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

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

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

NOTE: HANDRAIL CONTINUITY PER R311.1.8.2 - HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1/2" (38MM) BETWEEN THE WALL AND THE HANDRAIL.

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

- BASIC WIND SPEED: 140 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: B
- BUILDING TYPE: V B
- ENCLOSURE: +/- .18, INCLUDED CLASSIFICATION INTERNAL IN NOTE #6
- PRESSURE COEFFICIENT: SEE PLAN DESIGN WIND PRESSURE
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE

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

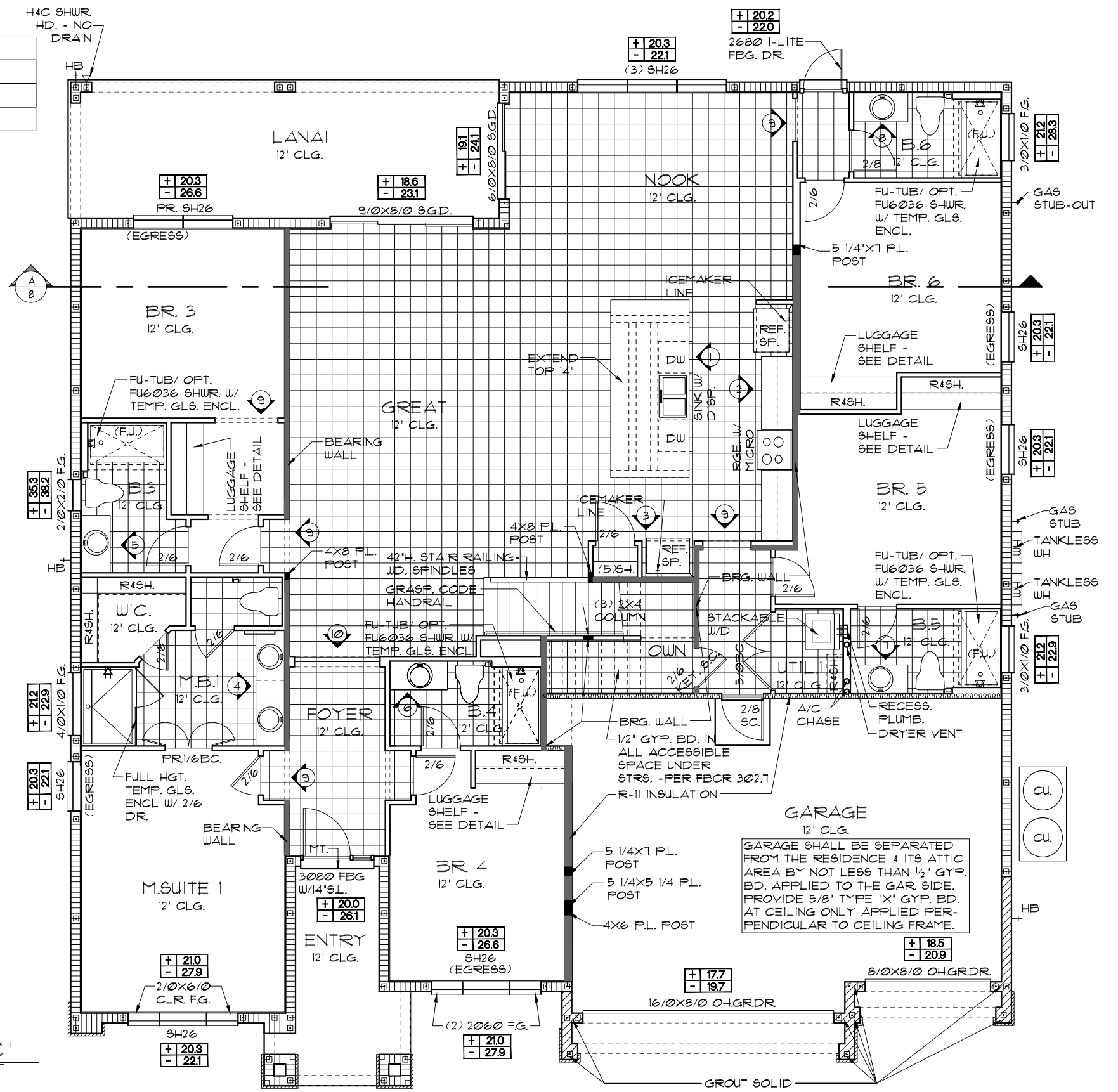
- GENERAL NOTES**
- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
 - VENT DRYER THRU ROOF.
 - PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
 - DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
 - MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
 - | | |
|--|---|
| | DENOTES CONC. BLOCK WALL HGT. @ 12'-0" A.F.F. |
| | DENOTES CONC. BLOCK WALL HGT. @ 10'-0" A.F.F. |
 - REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
 - REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
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 - ALL INTER. FIRST FLOOR CEILING AT 12'-0" UNLESS NOTED OTHERWISE.
ALL INTER. SECOND FLOOR CEILING AT 9'-0" UNLESS NOTED OTHERWISE.

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

- NOTE:**
- ALL EMERGENCY ESCAPE WINDOW SILLS TO BE NOT MORE THAN 44" MIN. A.F.F. - R310.2 - FBCR (2023)
 - WINDOWS SILLS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

EGRESS WINDOW SCHEDULE - R310.2.1 - FBCR 2023

SH26	31 1/8" H. X 33 1/4" W.	MIN. NET CLEAR OPENING 7.19 SQFT
SH26	72" H. X 37 3/4" W. R.O.	



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 000, PARADISO GRANDE
 PARADISO GRANDE
 SEACOAST II
 FLOOR PLAN W/ NOTES
 PARADISO GRANDE
 5619
 DATE 04-15-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 5619
 SHEET 03C.0 OF SHEETS
 TH-19 STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

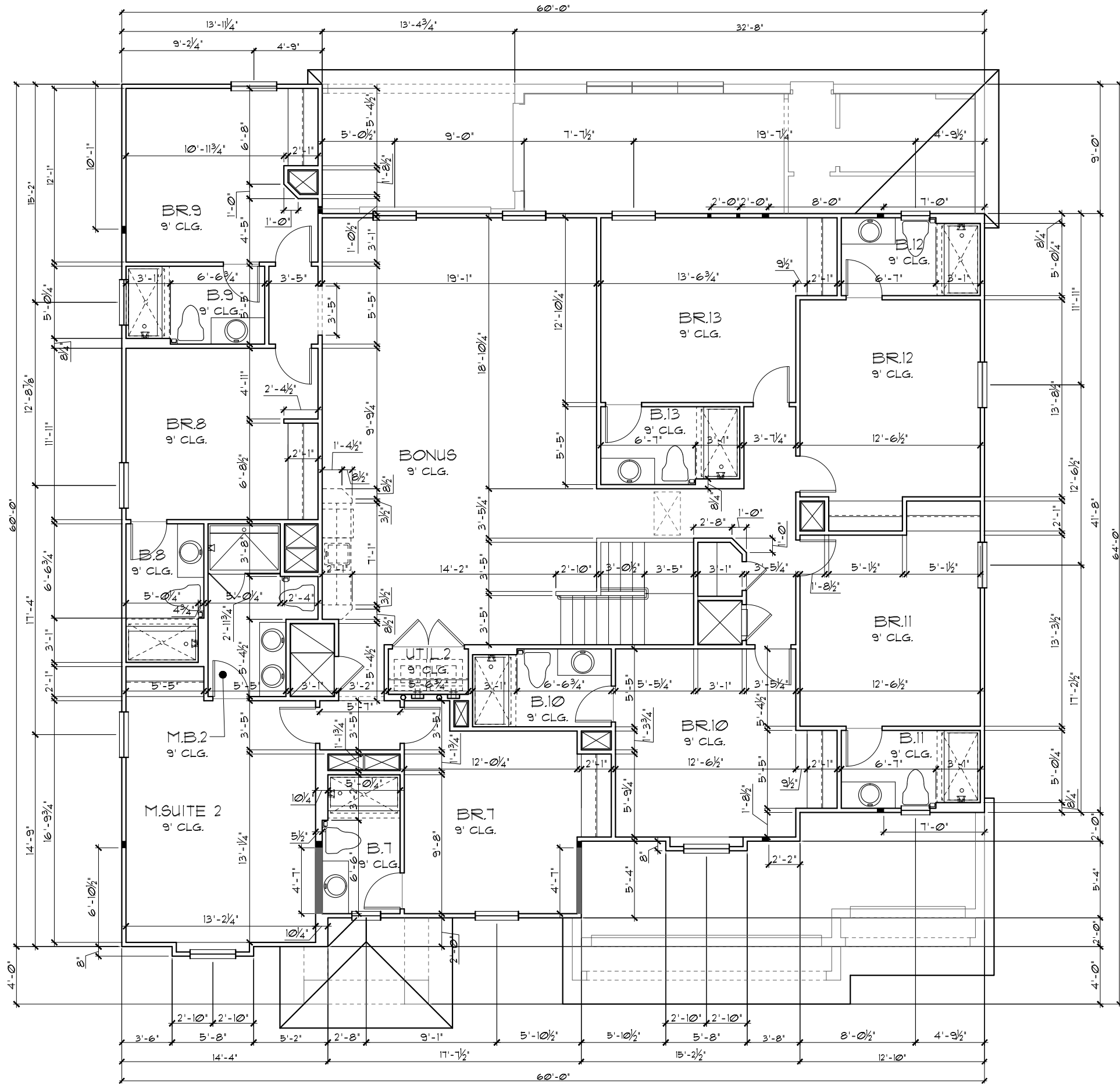
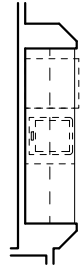
PARADISO GRANDE
A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineland Road, Suite 200
Orlando, Florida, 32818
Phone: (407) 529 - 3000

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

REVISIONS	BY

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

WET BAR OPT.
 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



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

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

LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

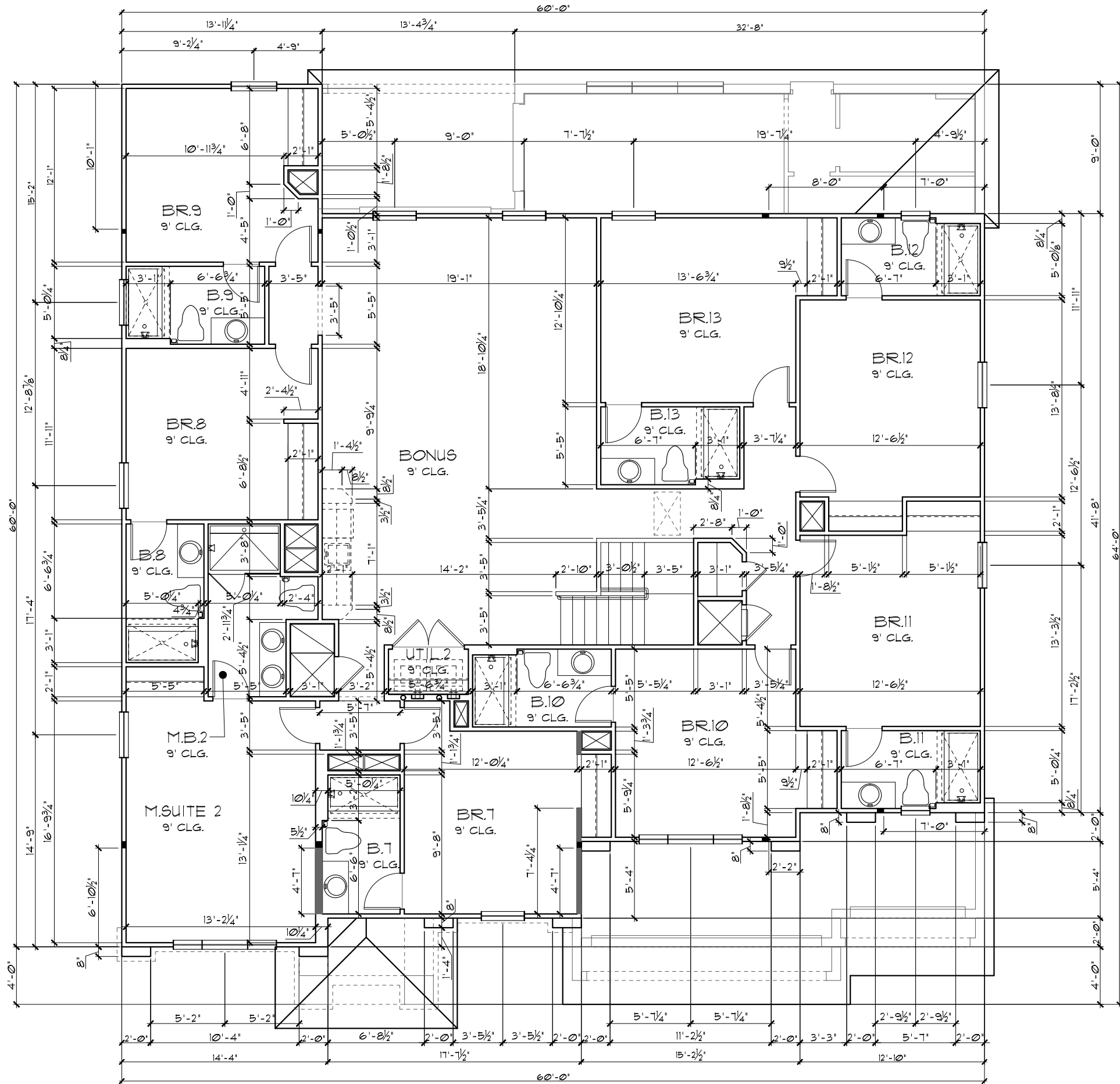
SEACOAST II PARADISO GRANDE

DATE	04-15-21
SCALE	AS NOTED
DRAWN	RDG
JOB	5619
SHEET	04A.0
OF SHEETS	1

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



WET BAR OPT.
 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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

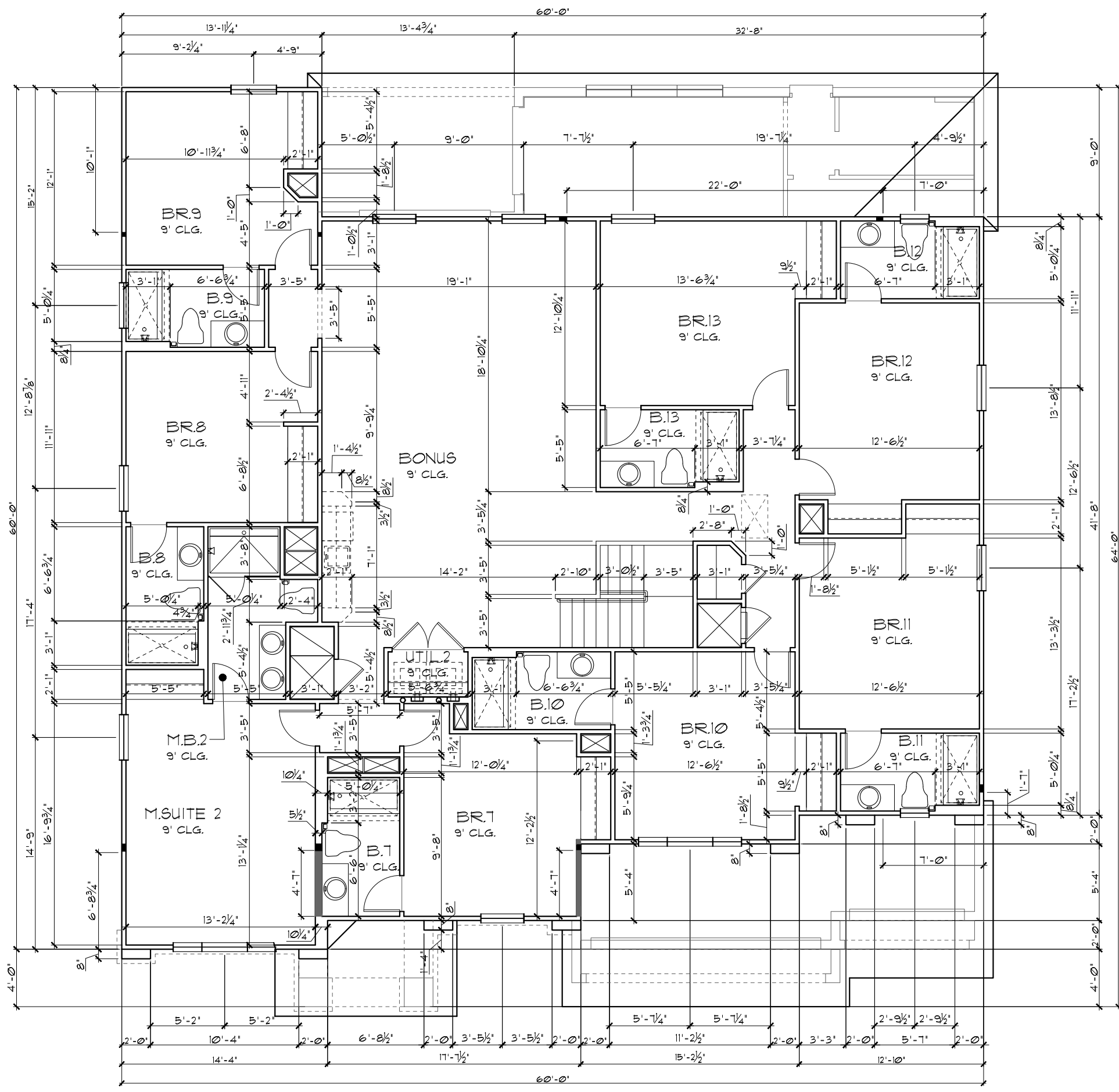
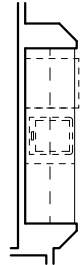
UPPER FLOOR PLAN W/ DIMENSIONS "B"
 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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

SEACOAST II PARADISO GRANDE		5619 DATE 04-15-21 SCALE AS NOTED DRAWN RDC JOB 5619 SHEET 04B.0 OF SHEETS
UPPER FLOOR PLAN W/ DIMENSIONS		
Park Square HOMES A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida, 32811 Phone: (407) 529 - 3000		
PARADISO GRANDE Engineering By: DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292		REVISIONS BY

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

WET BAR OPT.
 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



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 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

LOT: 0000, PARADISO GRANDE
 PARADISO GRANDE
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SEACOAST II	UPPER FLOOR PLAN W/ DIMENSIONS	Engineering By: DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292
PARADISO GRANDE		A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida, 32811 Phone: (407) 529 - 3000
5619		REVISIONS
DATE 04-15-21		BY
SCALE AS NOTED		
DRAWN RDC		
JOB 5619		
SHEET		
04C.0		
OF 9 SHEETS		

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

DEAD LOADS

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

ROOF: LIVE LOADS

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

FLOOR LIVE LOADS

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

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

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

NOTE: 1. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20MIN. FIRE RATED IAW R302.5

PER FBC R301- TABLE R301.5

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

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

PER FBC R301- TABLE R301.5

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

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

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

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

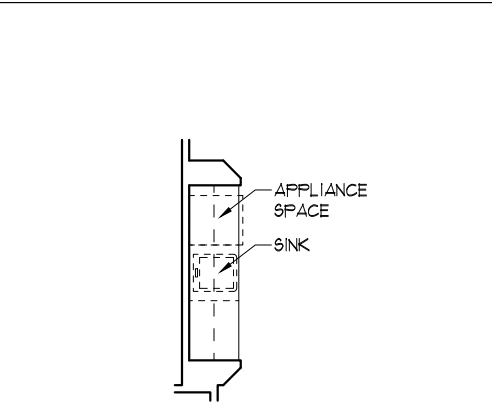
WIND INFORMATION
PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTIAL CODE

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

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

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

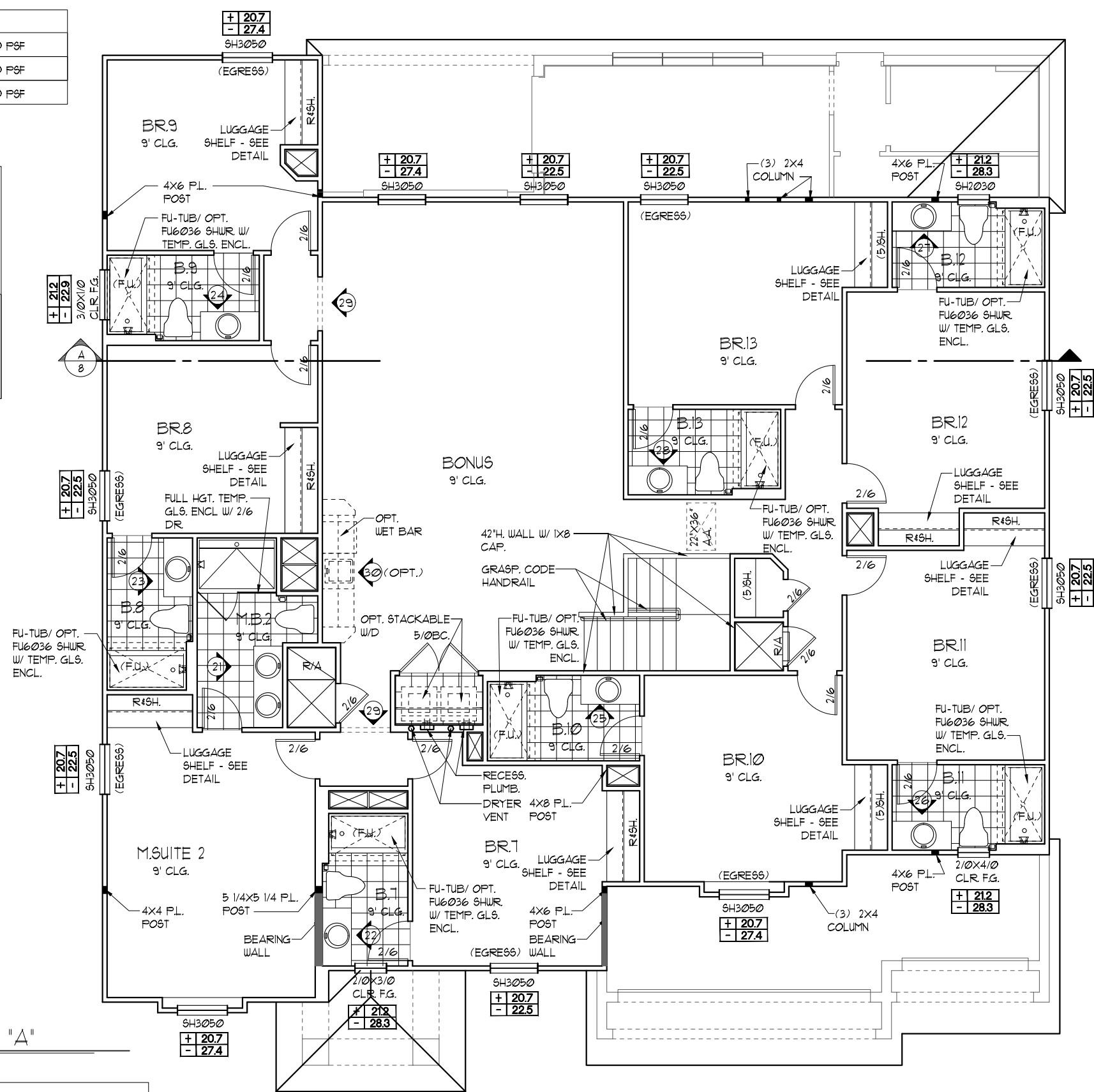
- GENERAL NOTES**
- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
 - VENT DRYER THRU ROOF.
 - PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
 - DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
 - MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
 - | | |
|--|-------------------------------------|
| | DENOTES CONC. BLOCK WALL HGT. @ N/A |
| | DENOTES CONC. BLOCK WALL HGT. @ N/A |
 - REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
 - REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
 - ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M1307.2
 - ALL INTER. FIRST FLOOR CEILING AT 12'-0" UNLESS NOTED OTHERWISE.
ALL INTER. SECOND FLOOR CEILING AT 9'-0" UNLESS NOTED OTHERWISE.



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

NOTE:

- ALL EMERGENCY ESCAPE WINDOW SILLS TO BE NOT MORE THAN 44" MIN. A.F.F. - R310.2 - FBCR (2023)
- WINDOWS SILLS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2



EGRESS WINDOW SCHEDULE - R310.2.1- FBCR2023

Window ID	Dimensions	Min. Net Clear Opening
SH3050	33 1/2" H. X 30" W.	5.1 SQFT
SH3050	60 1/8" H. X 35 3/4" W. R.O.	

NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 000, PARADISO GRANDE SEACOAST II PARADISO GRANDE

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

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PARADISO GRANDE

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, 32818
Phone: (407) 529 - 3000

Park Square HOMES

FLOOR PLAN W/ NOTES

5619

DATE 04-15-21

SCALE AS NOTED

DRAWN RDC

JOB 5619

SHEET 05A.0

SHEETS

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

DEAD LOADS

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

ROOF: LIVE LOADS

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

FLOOR LIVE LOADS

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

ROOF LIVE LOADS

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

NOTE: 1. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20MIN. FIRE RATED IAW R302.5

PER FBC R301- TABLE R301.5

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

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

PER FBC R301- TABLE R301.5

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

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

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

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

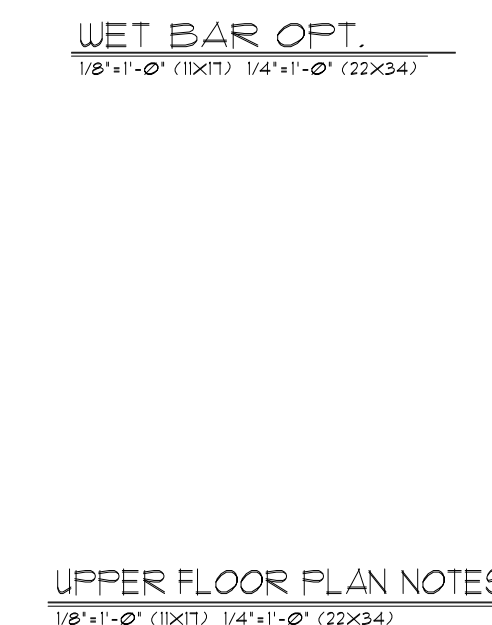
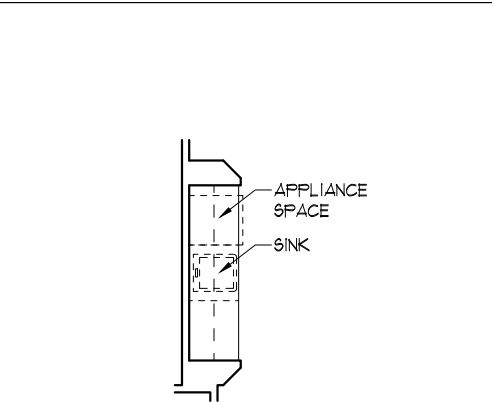
WIND INFORMATION
PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTIAL CODE

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

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

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

- GENERAL NOTES**
- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
 - VENT DRYER THRU ROOF.
 - PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
 - DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
 - MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
 - | | |
|-----------|-------------------------------------|
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ N/A |
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 - REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
 - REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
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 - ALL INTER. FIRST FLOOR CEILINGS AT 12'-0" UNLESS NOTED OTHERWISE.
ALL INTER. SECOND FLOOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.



- NOTE:**
- ALL EMERGENCY ESCAPE WINDOW SILLS TO BE NOT MORE THAN 44" MIN. A.F.F. - R310.2 - FBCR (2023)
 - WINDOWS SILLS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

EGRESS WINDOW SCHEDULE - R310.2.1- FBCR2023

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

NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 000, PARADISO GRANDE
 PARADISO GRANDE
 SEACOAST II
 FLOOR PLAN W/ NOTES
 PARADISO GRANDE
 5619
 DATE 04-15-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 5619
 SHEET 05B.0 OF SHEETS
 THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

PARADISO GRANDE

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, 32818
Phone: (407) 529 - 3000

Park Square HOMES

REVISIONS

REVISIONS	BY

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

DEAD LOADS

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

ROOF: LIVE LOADS

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

FLOOR LIVE LOADS

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

ROOF LIVE LOADS

MINIMUM ROOF LIVE LOAD (PSF) TRIBUTARY LOADED AREA (SQ. FT.) FOR ANY STRUCTURAL MEMBER			
ROOF SLOPE	0-200	201-600	OVER 600
0:12 < 4:12	20	16	12
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NOTE: 1. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20MIN. FIRE RATED IAW R302.5

PER FBC R301- TABLE R301.5

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

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

PER FBC R301- TABLE R301.5

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

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

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

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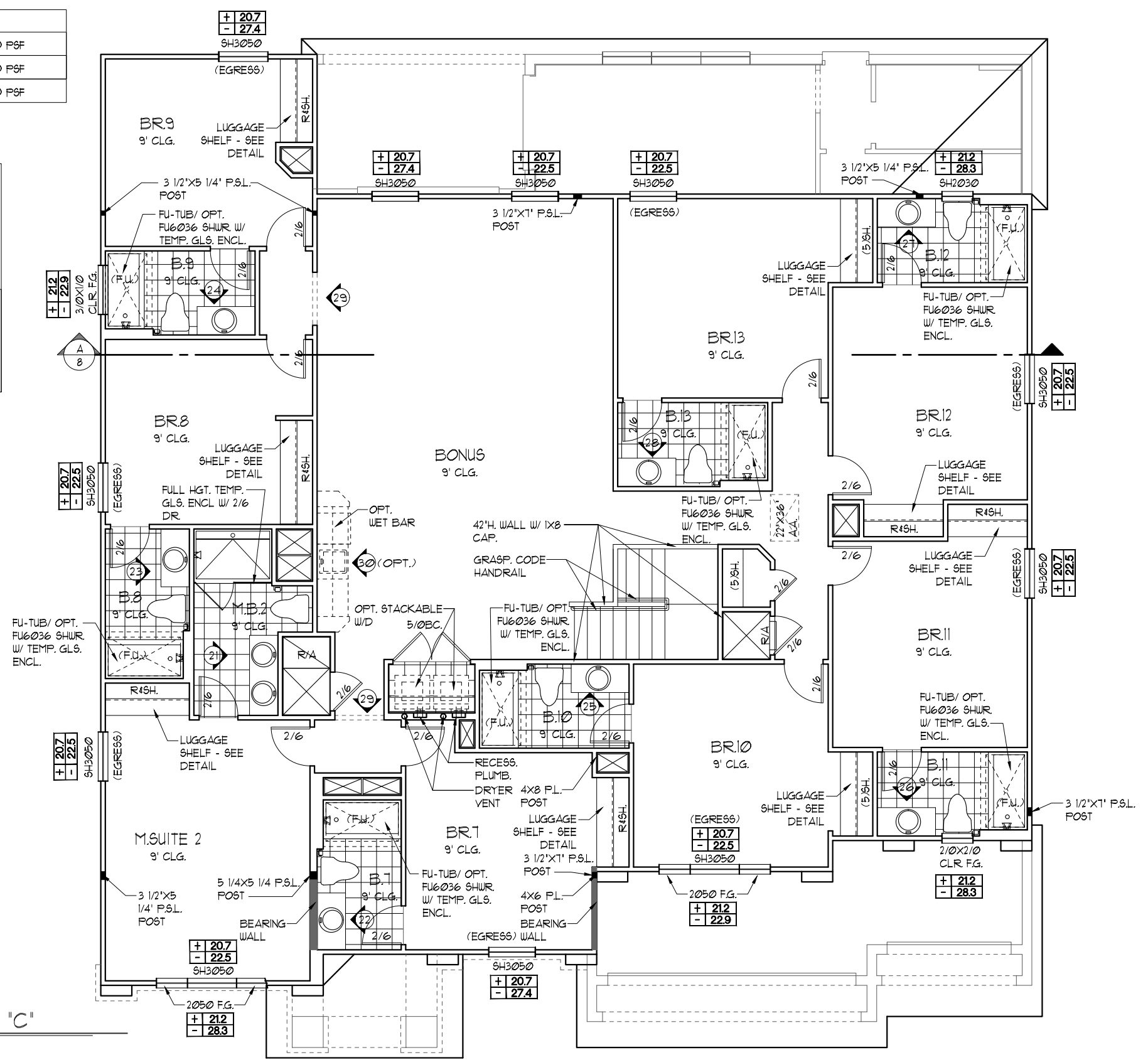
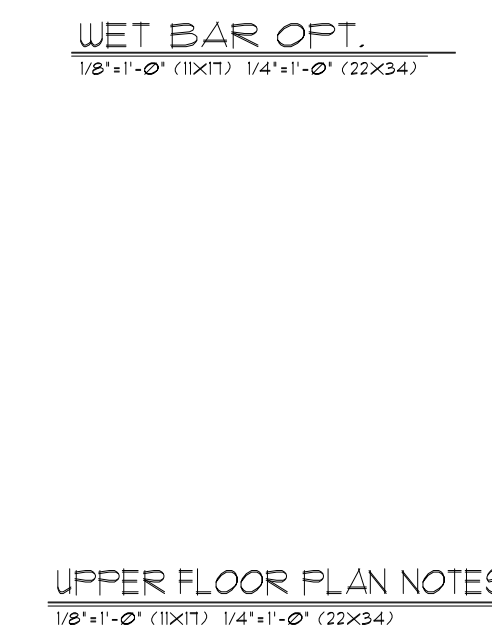
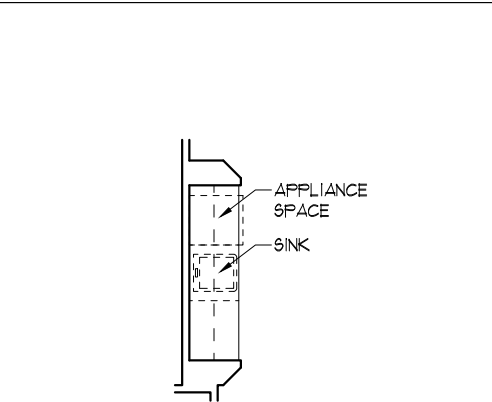
WIND INFORMATION
PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTIAL CODE

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

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

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

- GENERAL NOTES**
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 - | | |
|-----------|-------------------------------------|
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ N/A |
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 - REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
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EGRESS WINDOW SCHEDULE - R310.2.1- FBCR2023

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

NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 000, PARADISO GRANDE
 SEACOAST II
 PARADISO GRANDE
 5619
 DATE 04-15-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 5619
 SHEET 05C.0 OF SHEETS

PARADISO GRANDE
 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, 32818
 Phone: (407) 529 - 3000
Park Square HOMES
 FLOOR PLAN W/ NOTES
 REVISIONS BY

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

EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R103.6.1 OF THE 8TH EDITION, FBCR 2023
2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.6.2 OF THE 8TH EDITION, FBCR 2023
3. WEEP SCREED TO BE INSTALLED IAW R103.6.2.1 OF THE 8TH EDITION, FBCR 2023
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.6.3 OF THE 8TH EDITION, FBCR 2023
5. 'ZIP SYSTEMS' WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS.



FRONT ELEVATION "A"

1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)



REAR ELEVATION

1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)

PARADISO GRANDE

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

Park Square HOMES

EXTERIOR ELEVATION FRONT AND REAR

SEACOAST II PARADISO GRANDE

5619
DATE 04-15-21
SCALE AS NOTED
DRAWN RDC
JOB 5619
SHEET 06A.0
OF SHEETS

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

REVISIONS	BY

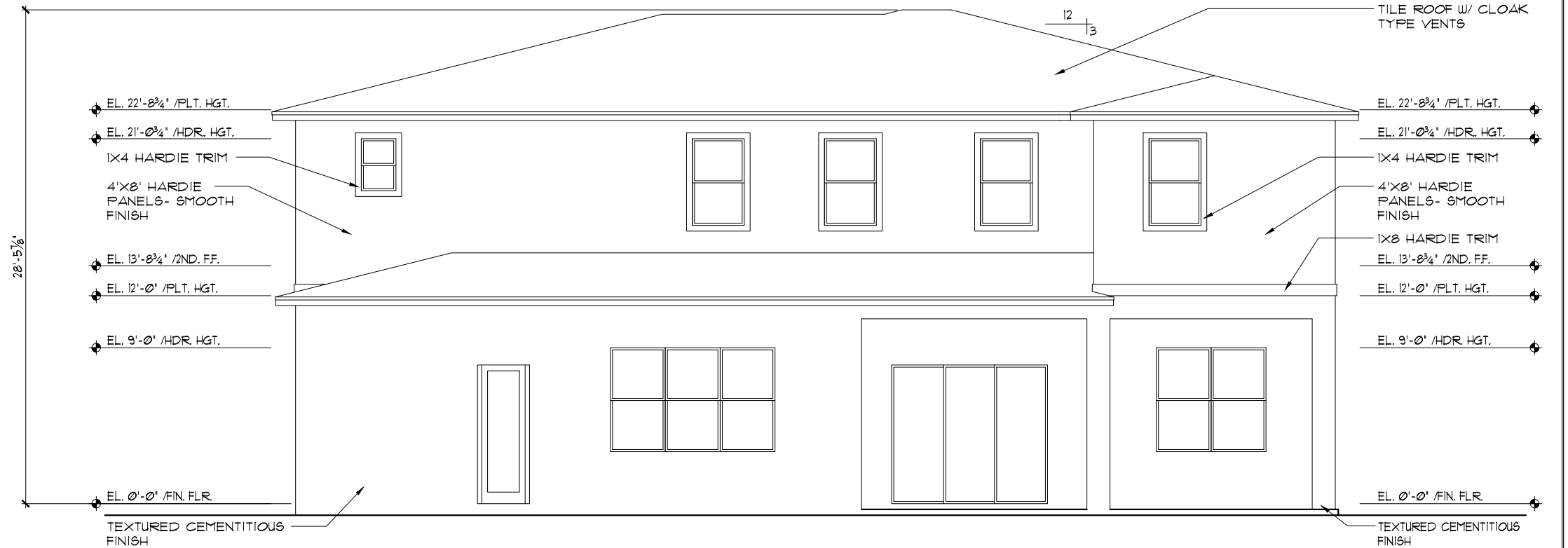
EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R103.6.1 OF THE 11TH EDITION, FBCR 2020
2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.6.2 OF THE 11TH EDITION, FBCR 2020
3. WEEP SCREED TO BE INSTALLED IAW R103.6.2.1 OF THE 11TH EDITION, FBCR 2020
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.6.3 OF THE 11TH EDITION, FBCR 2020
5. 'ZIP SYSTEMS' WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS.



FRONT ELEVATION "B"

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



REAR ELEVATION

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

PARADISO GRANDE

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
FRONT AND REAR**

**SEACOAST II
PARADISO GRANDE**

5619

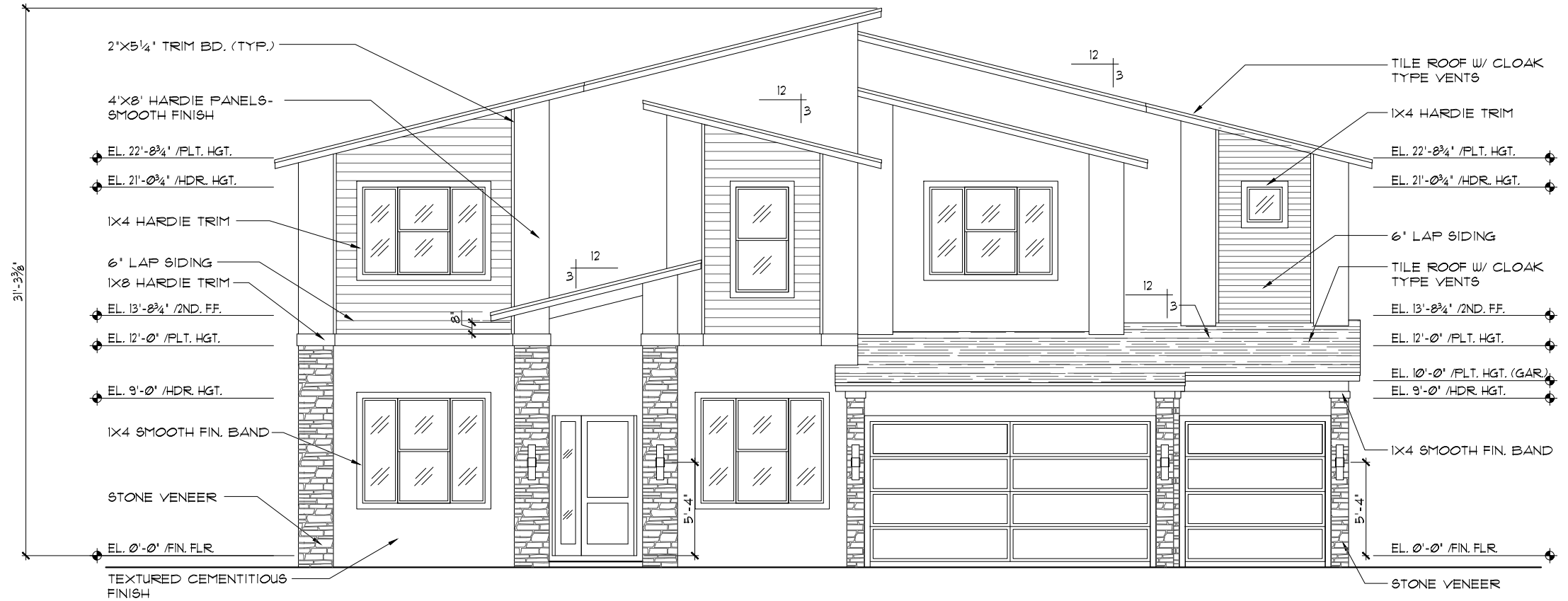
DATE 04-15-21
SCALE AS NOTED
DRAWN RDC
JOB 5619
SHEET
06B.0
OF SHEETS

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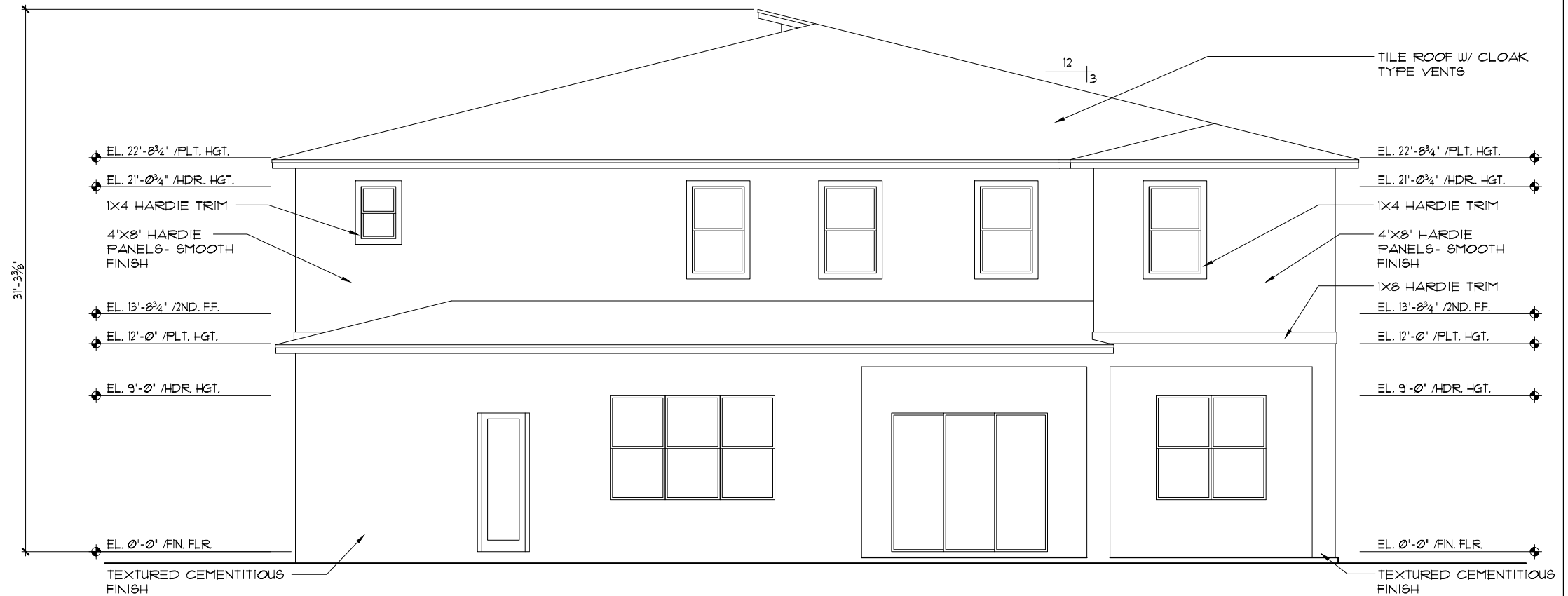
EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R103.6.1 OF THE 11TH EDITION, FBCR 2020
2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.6.2 OF THE 11TH EDITION, FBCR 2020
3. WEEP SCREED TO BE INSTALLED IAW R103.6.2.1 OF THE 11TH EDITION, FBCR 2020
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.6.3 OF THE 11TH EDITION, FBCR 2020
5. 'ZIP SYSTEMS' WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS.



FRONT ELEVATION "C"

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



REAR ELEVATION

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

PARADISO GRANDE
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 DBE and C
 MICHAEL A. THOMPSON
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**EXTERIOR ELEVATION
 FRONT AND REAR**

**SEACOAST II
 PARADISO GRANDE**

5619

DATE 04-15-21

SCALE AS NOTED

DRAWN RDC

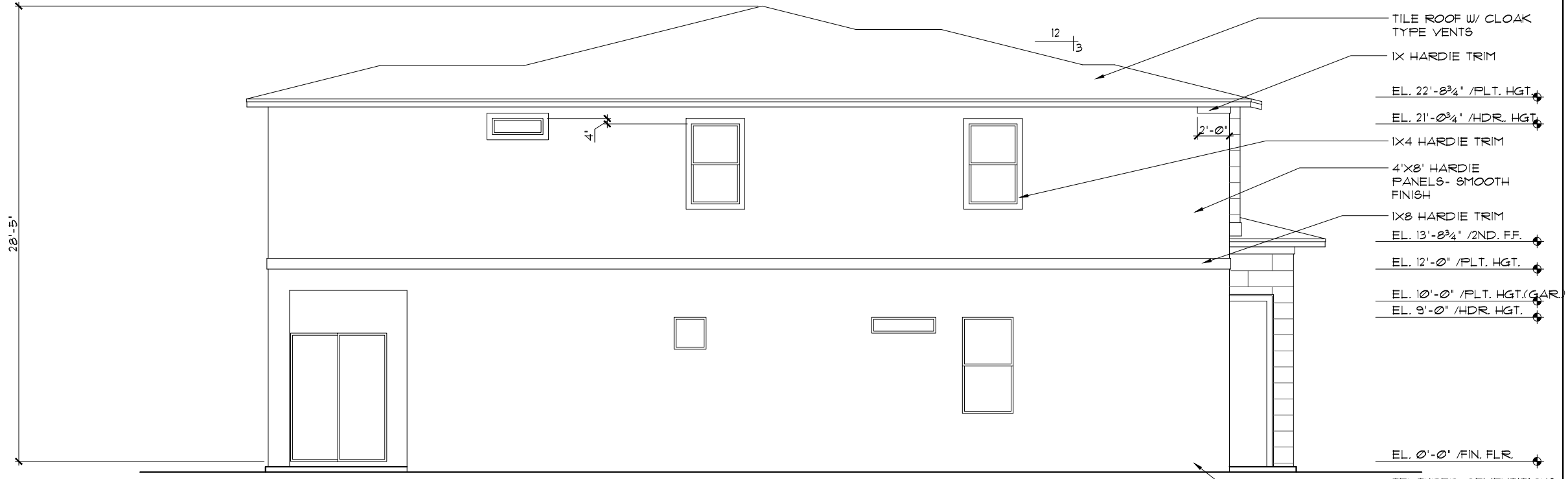
JOB 5619

SHEET

06C.0
 SHEETS

EXTERIOR FINISH NOTES

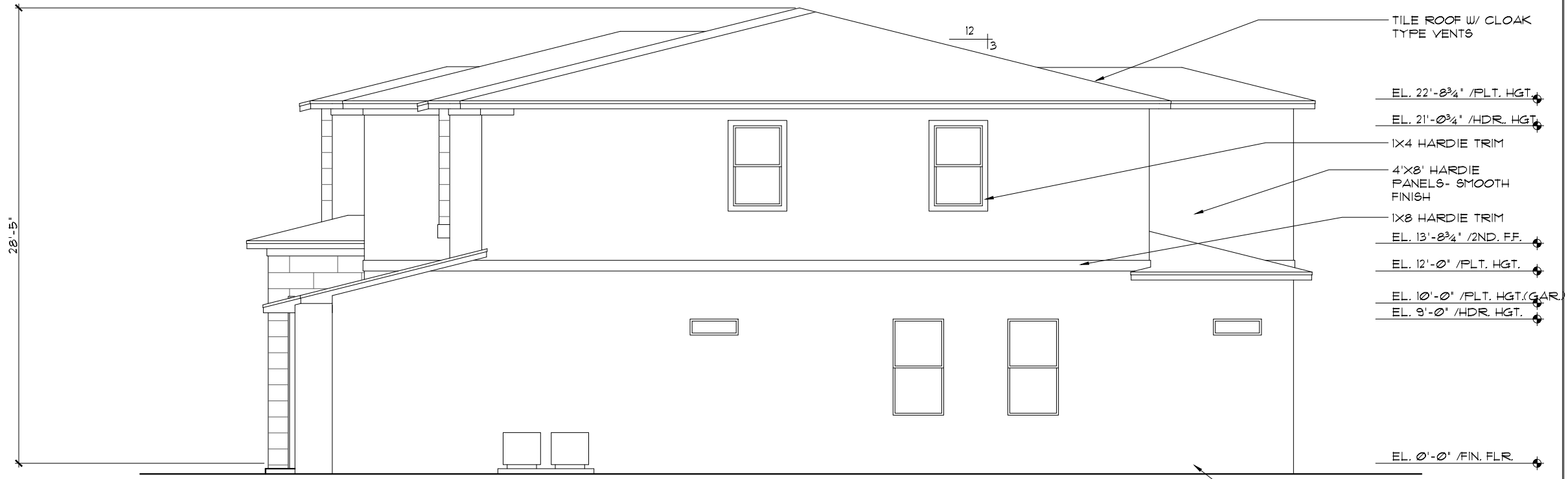
1. LATH TO BE ATTACHED IAW R103.6.1 OF THE 8TH EDITION, FBCR 2023
2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.6.2 OF THE 8TH EDITION, FBCR 2023
3. WEEP SCREED TO BE INSTALLED IAW R103.6.2.1 OF THE 8TH EDITION, FBCR 2023
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.6.3 OF THE 8TH EDITION, FBCR 2023
5. 'ZIP SYSTEMS' WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS.



LEFT ELEVATION "A"

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

- TILE ROOF W/ CLOAK TYPE VENTS
- IX HARDIE TRIM
- EL. 22'-8 3/4" /PLT. HGT.
- EL. 21'-0 3/4" /HDR. HGT.
- IX4 HARDIE TRIM
- 4'X8' HARDIE PANELS- SMOOTH FINISH
- IX8 HARDIE TRIM
- EL. 13'-8 3/4" /2ND. FF.
- EL. 12'-0" /PLT. HGT.
- EL. 10'-0" /PLT. HGT.(GAR.)
- EL. 9'-0" /HDR. HGT.
- EL. 0'-0" /FIN. FLR.
- TEXTURED CEMENTITIOUS FINISH



RIGHT ELEVATION "A"

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

- TILE ROOF W/ CLOAK TYPE VENTS
- EL. 22'-8 3/4" /PLT. HGT.
- EL. 21'-0 3/4" /HDR. HGT.
- IX4 HARDIE TRIM
- 4'X8' HARDIE PANELS- SMOOTH FINISH
- IX8 HARDIE TRIM
- EL. 13'-8 3/4" /2ND. FF.
- EL. 12'-0" /PLT. HGT.
- EL. 10'-0" /PLT. HGT.(GAR.)
- EL. 9'-0" /HDR. HGT.
- EL. 0'-0" /FIN. FLR.
- TEXTURED CEMENTITIOUS FINISH

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LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineland Road, Suite 200
Orlando, Florida 32811
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Park Square HOMES

EXTERIOR ELEVATIONS LEFT AND RIGHT

SEACOAST II PARADISO GRANDE

5619

DATE	04-15-21
SCALE	AS NOTED
DRAWN	RDC
JOB	5619
SHEET	07A.0
OF SHEETS	07

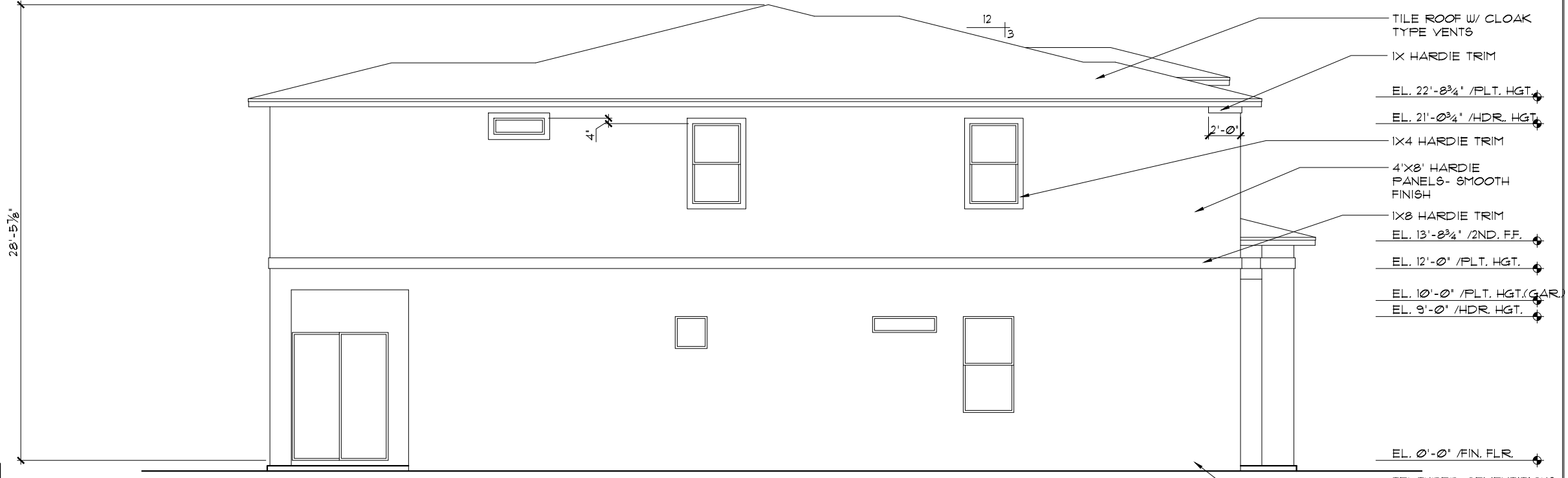
REVISIONS	BY

Engineering By:
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EXTERIOR FINISH NOTES

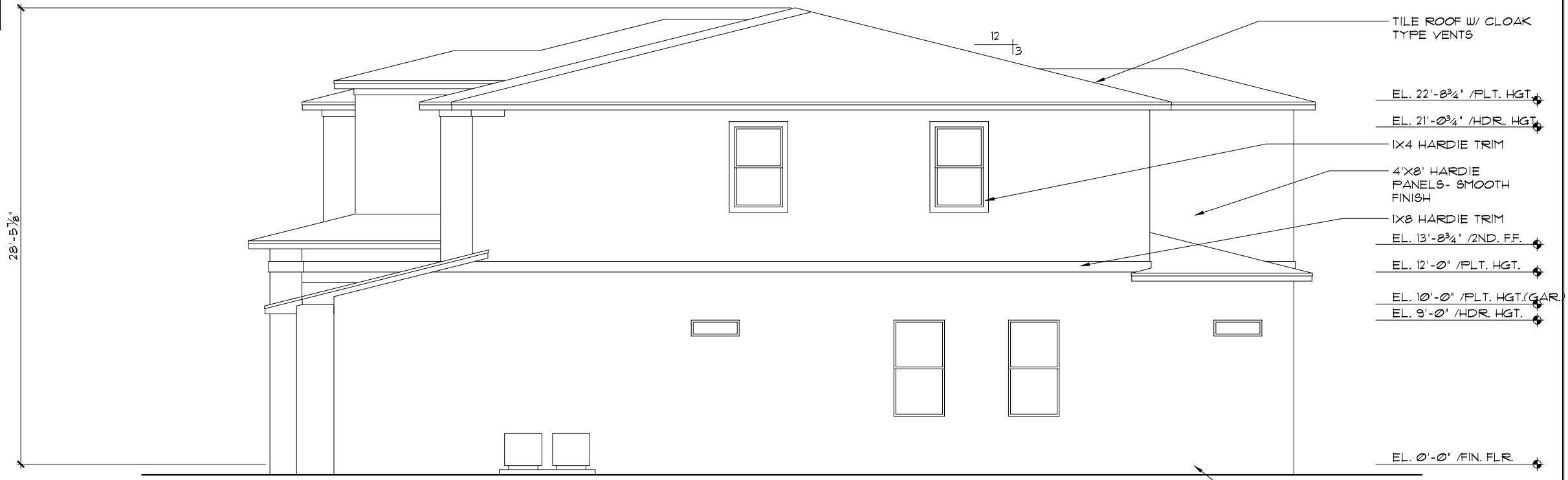
1. LATH TO BE ATTACHED IAW R103.6.1 OF THE 11TH EDITION, FBCR 2020
2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.6.2 OF THE 11TH EDITION, FBCR 2020
3. WEEP SCREED TO BE INSTALLED IAW R103.6.2.1 OF THE 11TH EDITION, FBCR 2020
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.6.3 OF THE 11TH EDITION, FBCR 2020
5. 'ZIP SYSTEMS' WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS.



LEFT ELEVATION "B"

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

- TILE ROOF W/ CLOAK TYPE VENTS
- 1X HARDIE TRIM
- EL. 22'-8³/₄' /PLT. HGT.
- EL. 21'-0³/₄' /HDR. HGT.
- 1X4 HARDIE TRIM
- 4'X8' HARDIE PANELS- SMOOTH FINISH
- 1X8 HARDIE TRIM
- EL. 13'-8³/₄' /2ND. FF.
- EL. 12'-0' /PLT. HGT.
- EL. 10'-0' /PLT. HGT.(GAR.)
- EL. 9'-0' /HDR. HGT.
- EL. 0'-0' /FIN. FLR.
- TEXTURED CEMENTITIOUS FINISH



RIGHT ELEVATION "B"

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

- TILE ROOF W/ CLOAK TYPE VENTS
- EL. 22'-8³/₄' /PLT. HGT.
- EL. 21'-0³/₄' /HDR. HGT.
- 1X4 HARDIE TRIM
- 4'X8' HARDIE PANELS- SMOOTH FINISH
- 1X8 HARDIE TRIM
- EL. 13'-8³/₄' /2ND. FF.
- EL. 12'-0' /PLT. HGT.
- EL. 10'-0' /PLT. HGT.(GAR.)
- EL. 9'-0' /HDR. HGT.
- EL. 0'-0' /FIN. FLR.
- TEXTURED CEMENTITIOUS FINISH

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

LOT: 0000, PARADISO GRANDE
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PARADISO GRANDE
 Engineering By:
 DBE and C
 MICHAEL A. THOMPSON
 PE 47509
 PHONE 407-721-2292

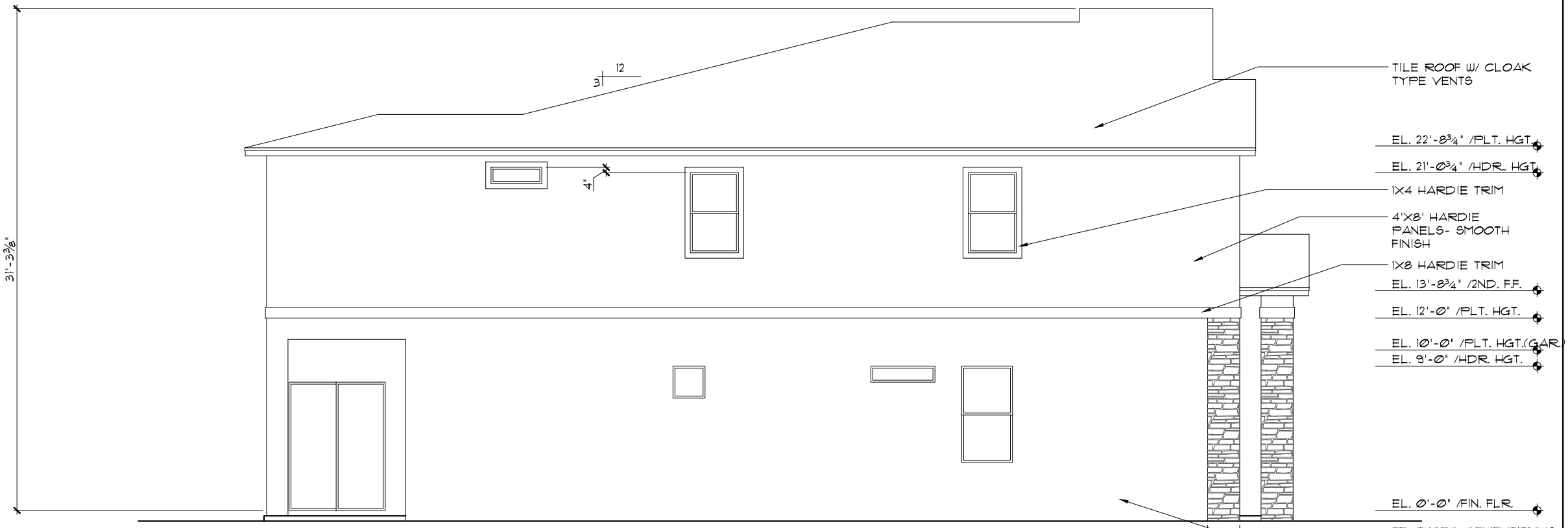
A DIVISION OF PARK SQUARE ENTERPRISES, INC.
 5200 Vineland Road, Suite 200
 Orlando, Florida, 32811
 Phone: (407) 529 - 3000

REVISIONS	BY

SEACOAST II	PARADISO GRANDE
5619	04-15-21
DATE	SCALE AS NOTED
DRAWN RDC	JOB 5619
SHEET	07B.0
OF	SHEETS

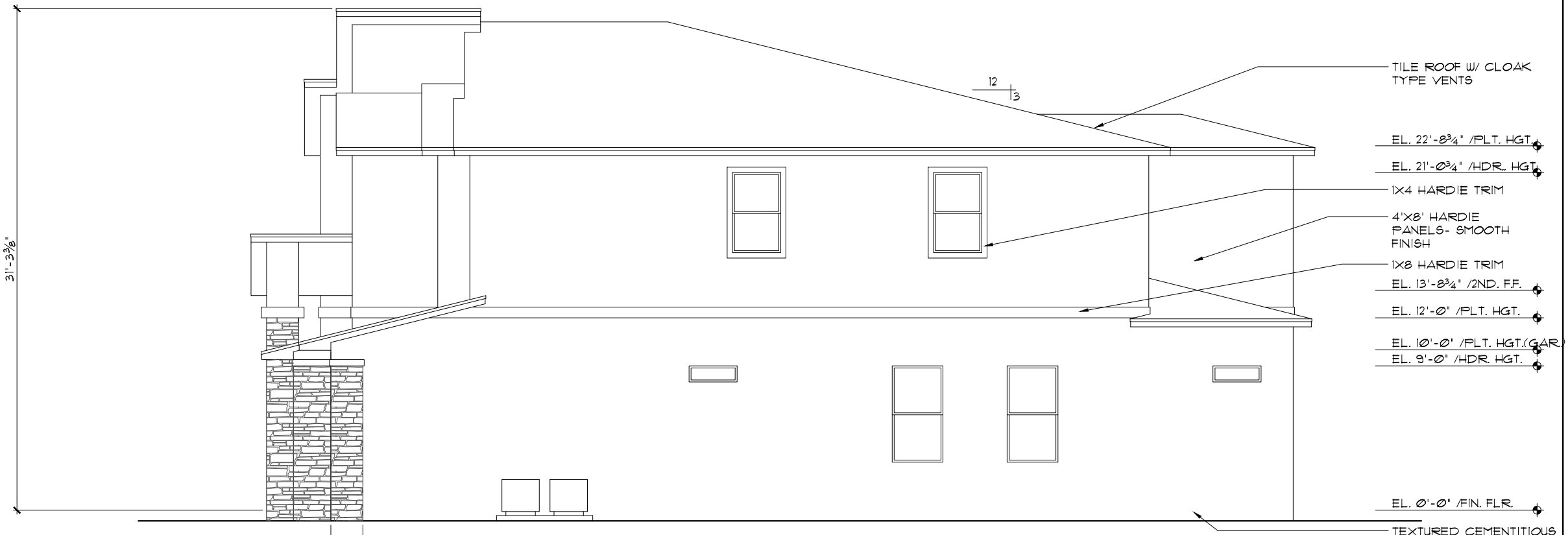
EXTERIOR ELEVATIONS LEFT AND RIGHT

- EXTERIOR FINISH NOTES**
- LATH TO BE ATTACHED IAW R103.6.1 OF THE 11TH EDITION, FBCR 2020
 - PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.6.2 OF THE 11TH EDITION, FBCR 2020
 - WEEP SCREED TO BE INSTALLED IAW R103.6.2.1 OF THE 11TH EDITION, FBCR 2020
 - WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.6.3 OF THE 11TH EDITION, FBCR 2020
 - 'ZIP SYSTEMS' WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS.



LEFT ELEVATION "C"

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



RIGHT ELEVATION "C"

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

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

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PARADISO GRANDE

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Park Square HOMES

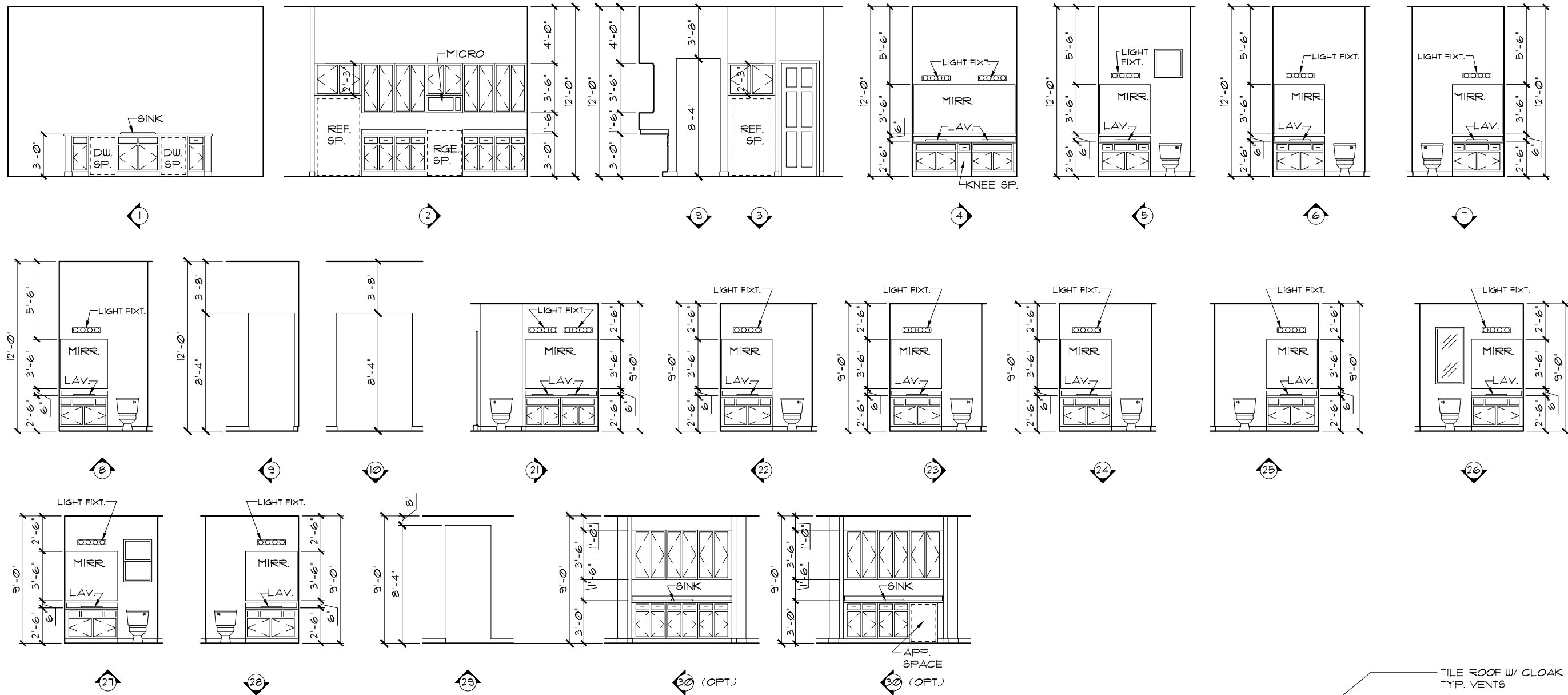
EXTERIOR ELEVATIONS LEFT AND RIGHT

SEACOAST II PARADISO GRANDE

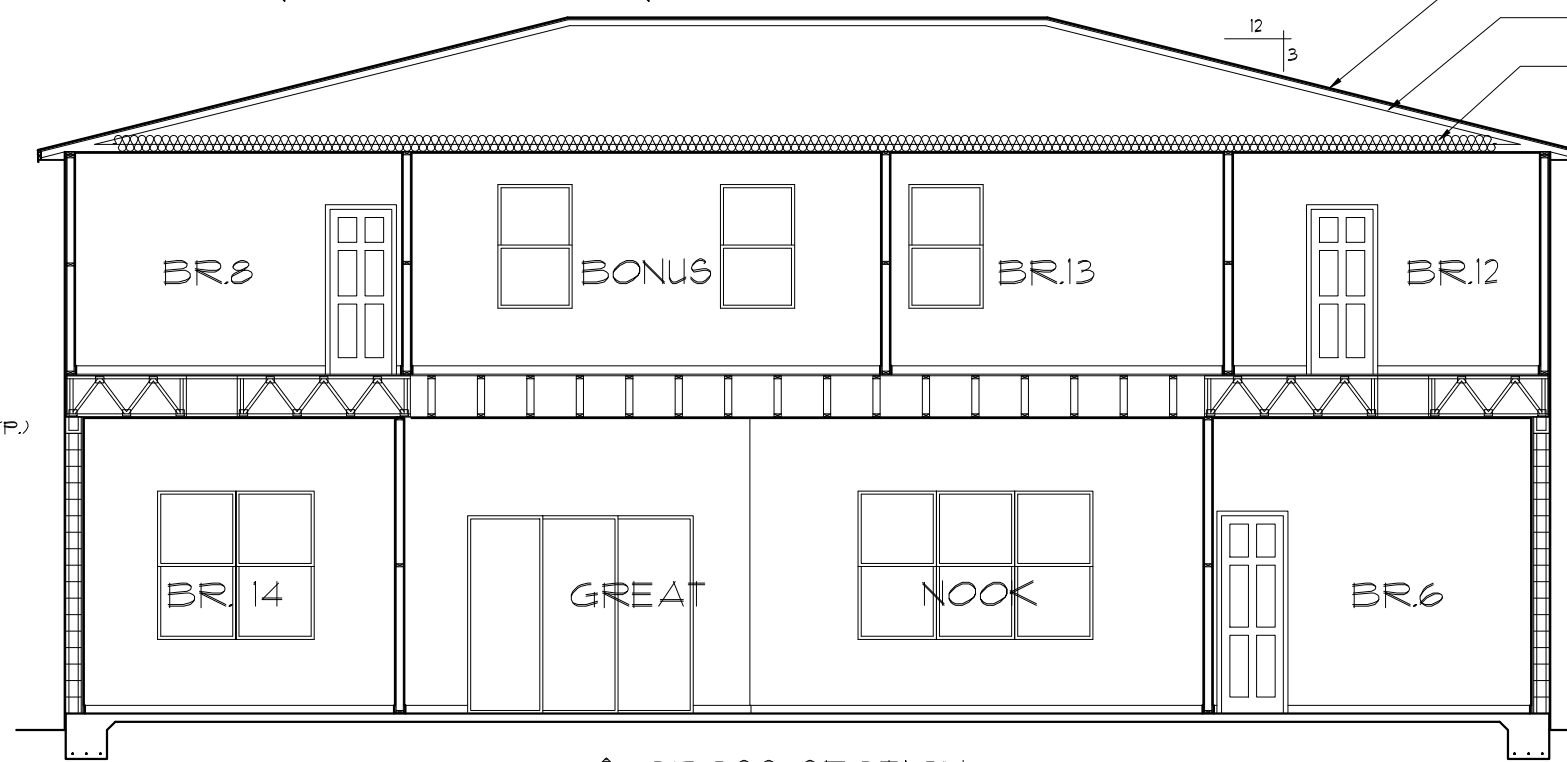
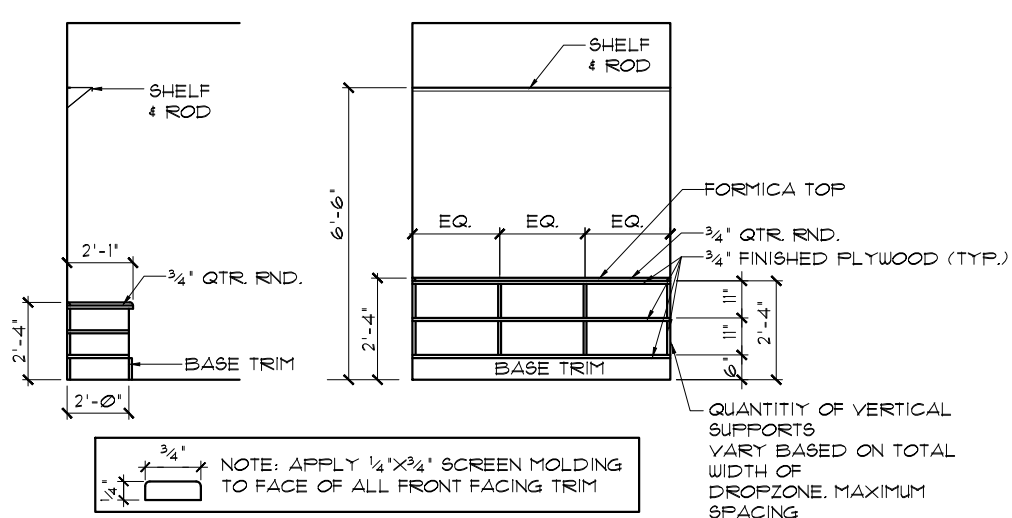
5619
DATE 04-15-21
SCALE AS NOTED
DRAWN RDC
JOB 5619
SHEET
07C.0
OF SHEETS

REVISIONS	BY

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



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



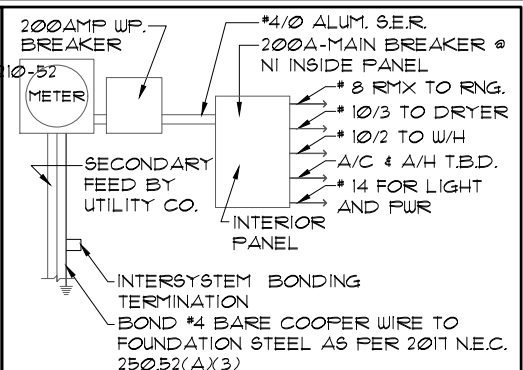
- TILE ROOF W/ CLOAK TYP. VENTS
- PRE-ENG. WD. TRUSSES SYSTEM @ 24" O.C.
- INSULATION PER 2023 FBC ENERGY CONSERVATION - 8TH EDITION
- EL. 22'-8 3/4" /PLT. HGT.
- EL. 21'-0 3/4" /HDR. HGT.
- EL. 13'-8 3/4" /2ND. FF.
- EL. 12'-0" /PLT. HGT.
- EL. 9'-0" /HDR. HGT.
- EL. 0'-0" /FIN. FLR.

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH
LOT: 0000, PARADISO GRANDE
 SEACOAST II
 PARADISO GRANDE
 5619
 DATE 04-15-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 5619
 SHEET 08 OF SHEETS

PARADISO GRANDE
 Engineering By:
 DBE and C
 MICHAEL A. THOMPSON
 PE 47509
 PHONE 407-721-2292
 A DIVISION OF PARK SQUARE ENTERPRISES, INC.
 5200 Vlneland Road, Suite 200
 Orlando, Florida, 32811
 Phone: (407) 529 - 3000
Park Square HOMES
 CROSS SECTION / INTERIOR ELEVATIONS

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

- 1.) COMPLETE DUCT DESIGN W/ SIZES & R-VALUE COMPLYING W/ THE FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION 610.1 ABC.1
- 2.) APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION.
 - A) CHAPTER 13 OF THE FBC-R 2023 8TH SECTION M1305.1
- 3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION M1602 OF THE FBCR CODE 2023 8TH EDITION.
- 4.) IAW NEC 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 2023, 8TH ED. P2801.1
- 9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.
- 10.) THE MAXIMUM ALLOWABLE EXHAUST DUCT LENGTH SHALL BE DETERMINED BY ONE OF THE METHODS SPECIFIED IN SECTIONS M1502.4.5.1 THROUGH M1502.4.5.3
- 11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA70-NEC 2017
- 12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A)(2)
- 12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2017 - ARTICLE



ELECTRICAL RISER DIAGRAM

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

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

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

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

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

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

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



ELECTRICAL LEGEND

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

ELECTRICAL PLAN "OPT. LED"

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

LED RECESS OPTION

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

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

LOT: 0000, PARADISO GRANDE
SEACOAST II
PARADISO GRANDE

PARADISO GRANDE
 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) 528 - 3000
Park Square HOMES
 ELECTRICAL PLAN
 5619
 DATE 04-15-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 5619
 SHEET 09.0
 OF SHEETS

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

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

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

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

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

4.) IAW NEC 2017- 210.12-ALL 15A OR 20A, 120V BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES IN THE FOLLOWING LOCATIONS REQUIRE AFCI PROTECTION- KITCHEN, FAMILY RMS, DINING RMS, LIVING RMS, PARLORS, LIBRARIES, BEDROOMS, DENS, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.

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

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

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

8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED. P2801.1

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

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

11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA70-NEC 2017

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

12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2017 - ARTICLE 210-52

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

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

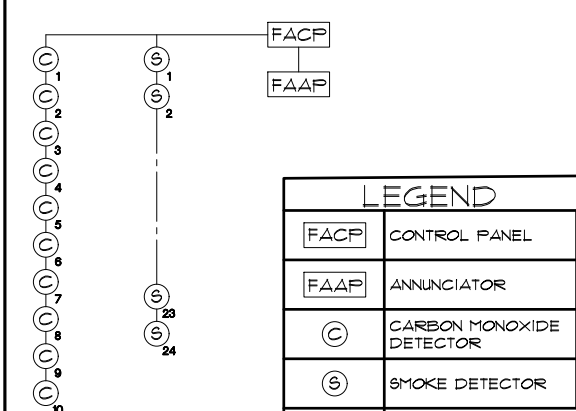
There are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than 1/2 inch in diameter and at least 20 ft. long, encased in 2 inches of concrete; (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.

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

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

NOTE: THE FIRE ALARM SYSTEM WILL CONSIST OF (1) FIRE ALARM CONTROL PANEL - 32 ZONE GEMC-FW32CONVKT WITH (1) SMOKE DETECTOR OVER FIRE ALARM CONTROL PANEL. ALL INSTALLATION FOR THIS MACURCO CARBON MONOXIDE DETECTOR CM-EI&CONVENTIONAL SMOKE DETECTION FIREWOLF FW2-S SHALL BE INSTALLED PURSUANT THE MANUFACTURE REQUIREMENTS AND NEC 2017 CODE REQUIREMENTS

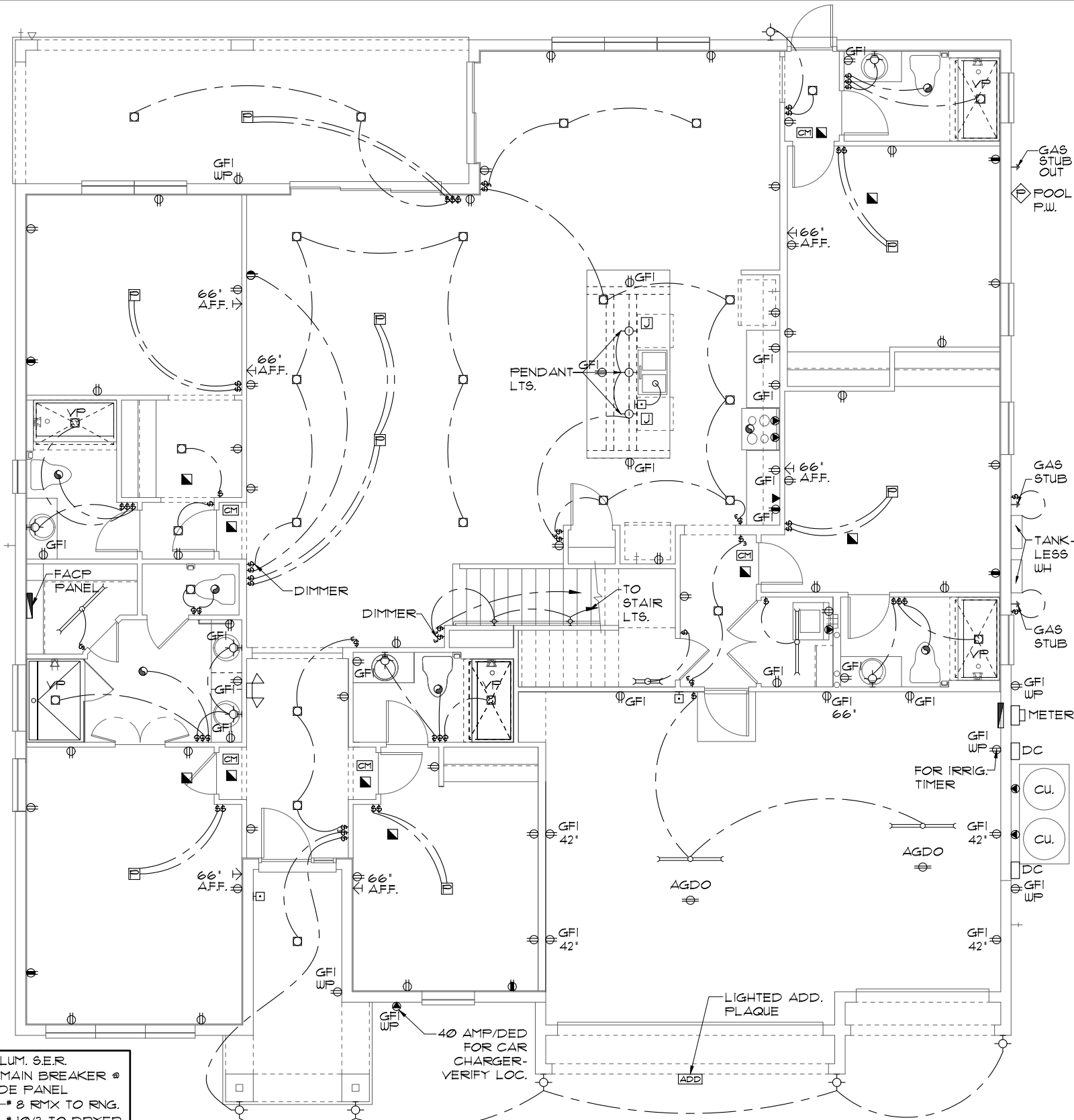
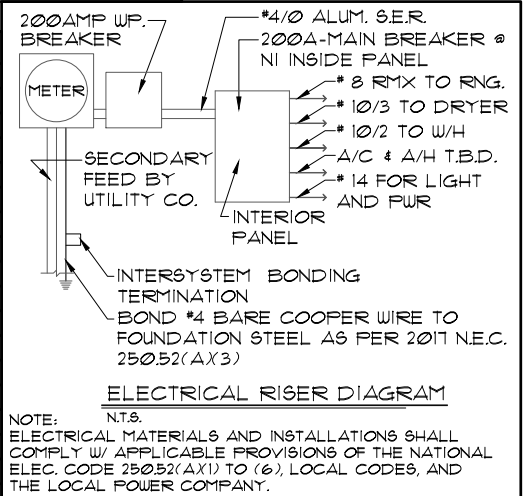
RISER DIAGRAM



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

ELECTRICAL LEGEND

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



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

LOT: 0000, PARADISO GRANDE
 THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH
 PARADISO GRANDE
 SEACOAST II
 PARADISO GRANDE
 5619
 DATE 04-15-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 5619
 SHEET 09A.0
 OF SHEETS

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
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Park Square HOMES

REVISIONS BY

MECHANICAL/GENERAL NOTES

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

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

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

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

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

4.) IAW NEC 2017- 210.12-ALL 15A OR 20A, 120V BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES IN THE FOLLOWING LOCATIONS REQUIRE AFCI PROTECTION- KITCHEN, FAMILY RMS, DINING RMS, LIVING RMS, PARLORS, LIBRARIES, BEDROOMS, DENS, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.

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

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

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

8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED. P2801.1

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

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

11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA70-NEC 2017

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

12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2017 - ARTICLE 210-52

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

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

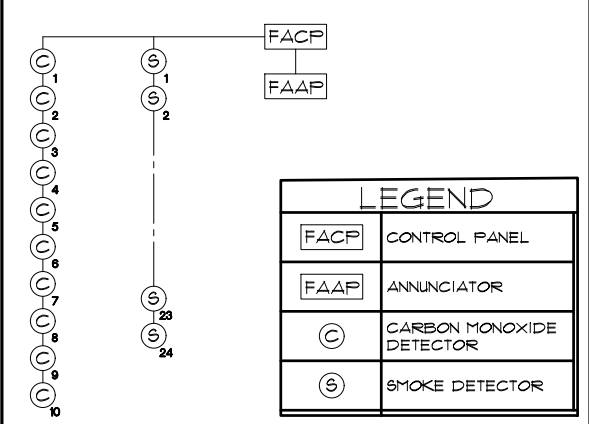
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Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if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

NOTE: THE FIRE ALARM SYSTEM WILL CONSIST OF (1) FIRE ALARM CONTROL PANEL - 32 ZONE GEMC-FW32CONVKT WITH (1) SMOKE DETECTOR OVER FIRE ALARM CONTROL PANEL. ALL INSTALLATION FOR THIS MACURCO CARBON MONOXIDE DETECTOR CM-EI&CONVENTIONAL SMOKE DETECTION FIREWOLF FW2-S SHALL BE INSTALLED PURSUANT THE MANUFACTURE REQUIREMENTS AND NEC 2017 CODE REQUIREMENTS

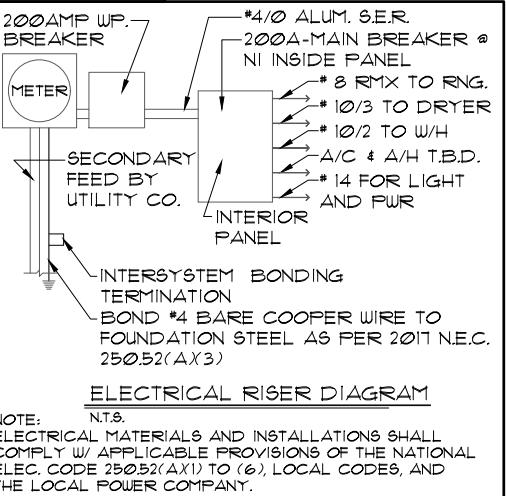
RISER DIAGRAM



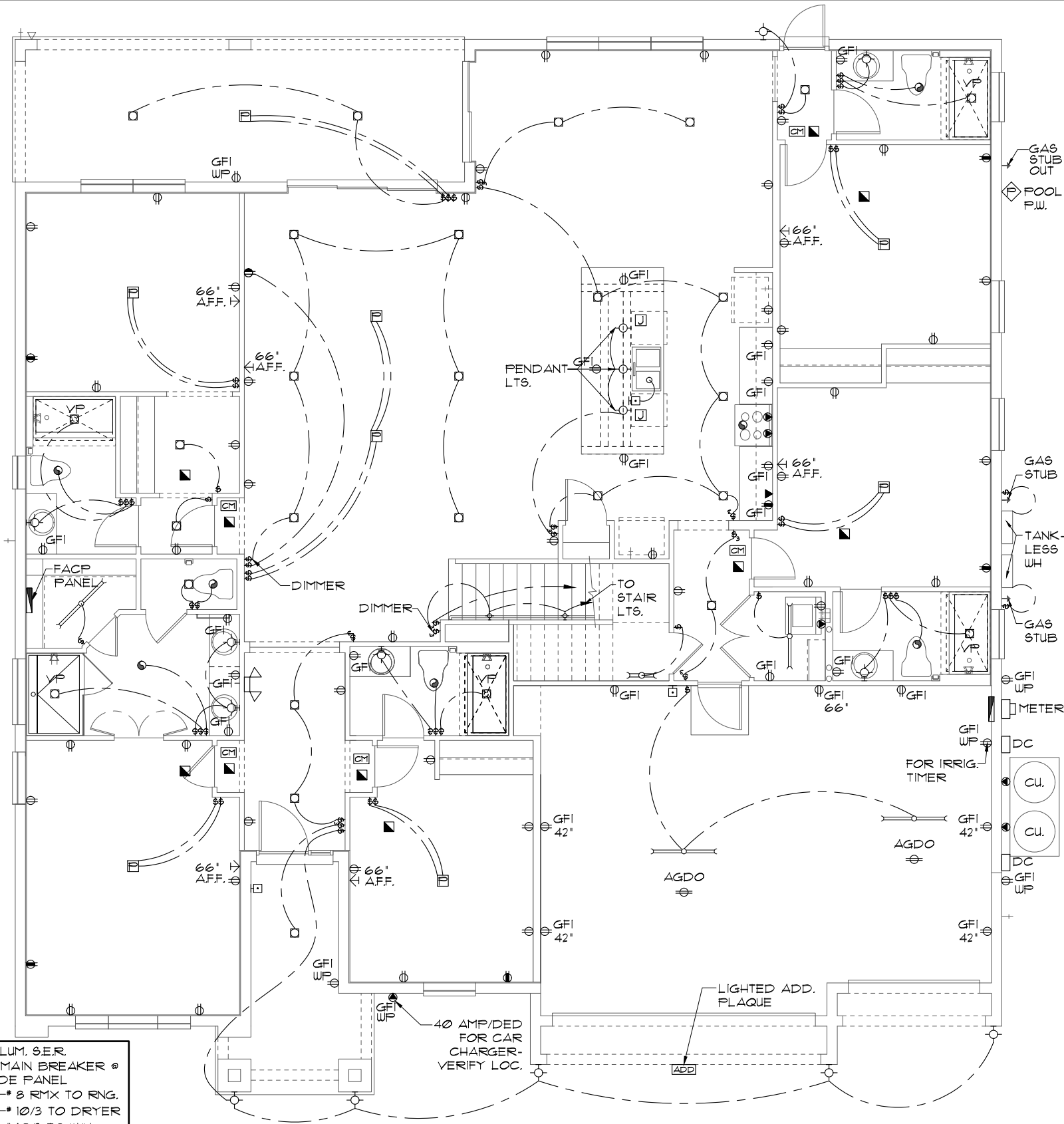
LEGEND	
FACP	CONTROL PANEL
FAAP	ANNUNCIATOR
C	CARBON MONOXIDE DETECTOR
S	SMOKE DETECTOR

ELECTRICAL LEGEND

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



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



ELECTRICAL PLAN "B"

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

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

LOT: 0000, PARADISO GRANDE

SEACOAST II

PARADISO GRANDE

5619

DATE 04-15-21

SCALE AS NOTED

DRAWN RDC

JOB 5619

SHEET 09B.0

OF SHEETS

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

PARADISO GRANDE

REVISIONS BY

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

MECHANICAL/GENERAL NOTES

- PER 8TH ED. 2023 FLA BLD. CODE-RESIDENTIAL
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 - 2.) APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION.
 - A) CHAPTER 13 OF THE FBC-R 2023 8TH SECTION M1305.1
 - 3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION M1602 OF THE FBCR CODE 2023 8TH EDITION.
 - 4.) IAW NEC 2017- 210.12-ALL 15A OR 20A, 120V BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES IN THE FOLLOWING LOCATIONS REQUIRE AFCI PROTECTION- KITCHEN, FAMILY RMS, DINING RMS, LIVING RMS, PARLORS, LIBRARIES, BEDROOMS, DENS, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.
 - 5.) IAW NEC 2017- 406.12, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.
 - 6.) ALL OUTLETS IN BATHROOMS AND LAUNDRY ROOM SHALL BE GFCI
 - 7.) SMOKE ALARMS SHALL BE IN ALL SLEEPING AREAS, SHALL BE INTERCONNECTED, SHALL BE WITHIN 1' TO 3' OF PEAK & SHALL BE 3' FROM THE SUPPLY OR RETURN AIR- STREAM & EQUIPPED W/ A BATTERY BACKUP. ALARMS MAY NOT BE CONNECTED WHERE ALARMS ARE WIRELESS & ALL ALARMS SOUND UPON ACTIVATION IAW FBCR R314.3 & R314.4.
 - 8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED. P2801.1
 - 9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.
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 - 11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA70-NEC 2017
 - 12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A)(2)
 - 12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2017 - ARTICLE 210-52

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

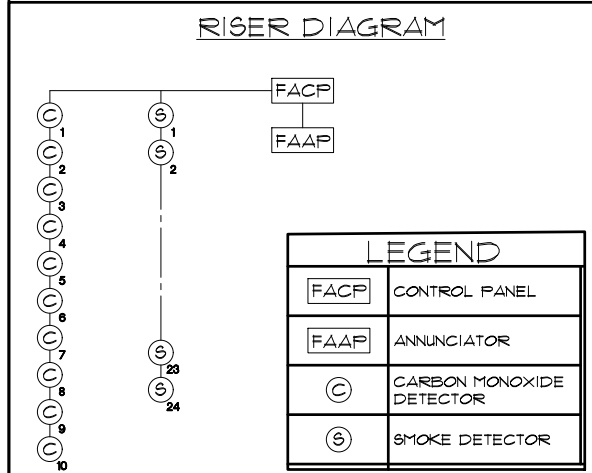
Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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

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

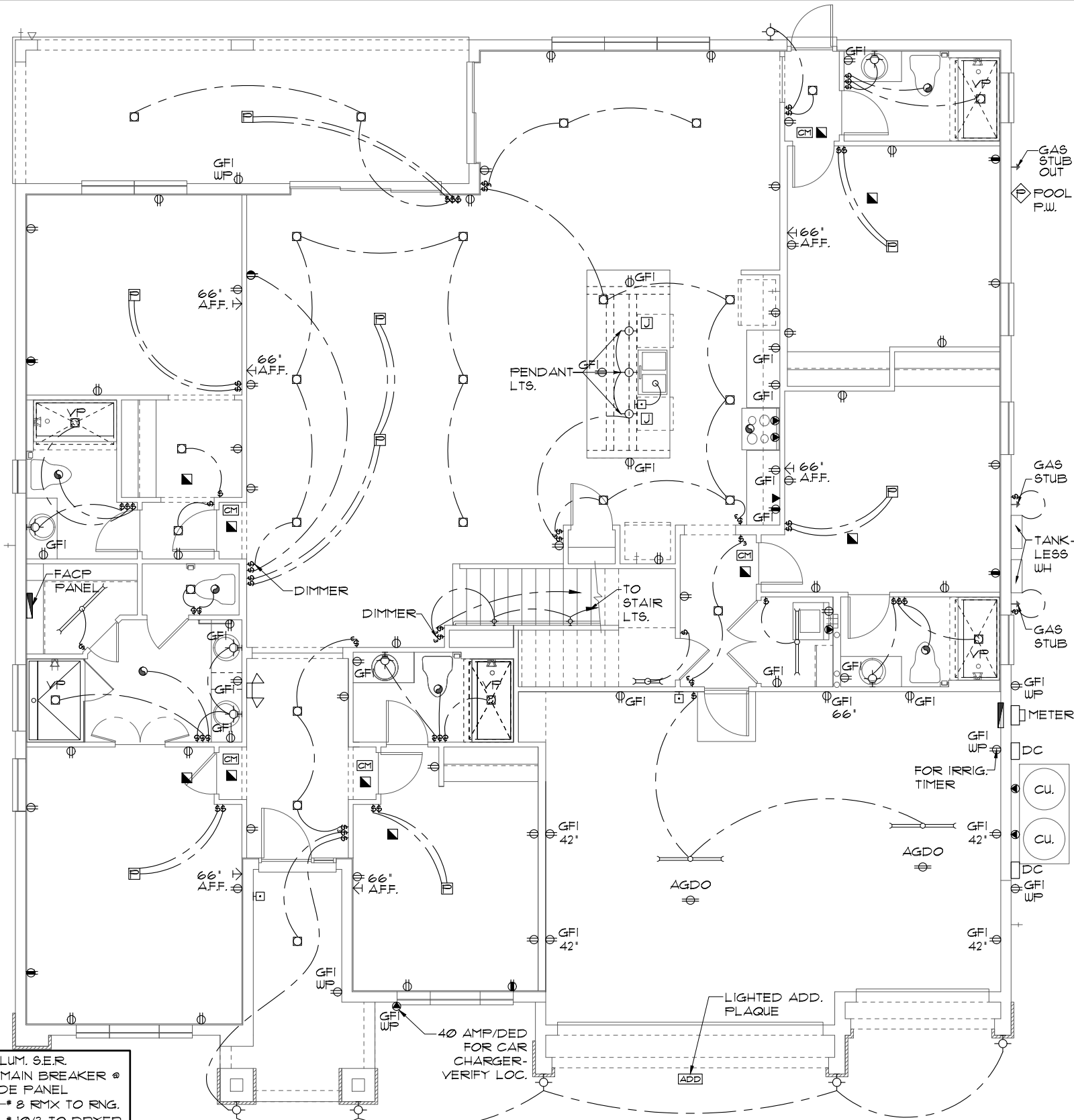
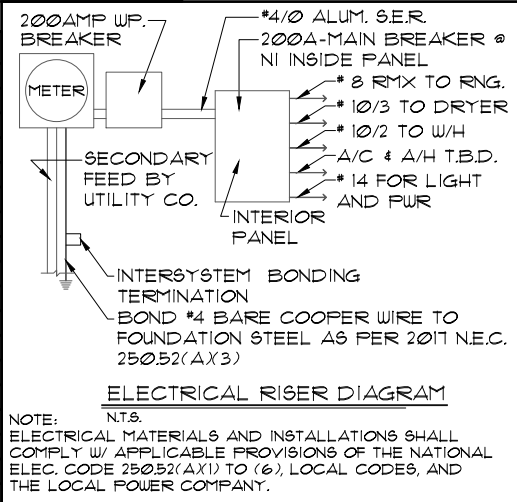
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ELECTRICAL LEGEND

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



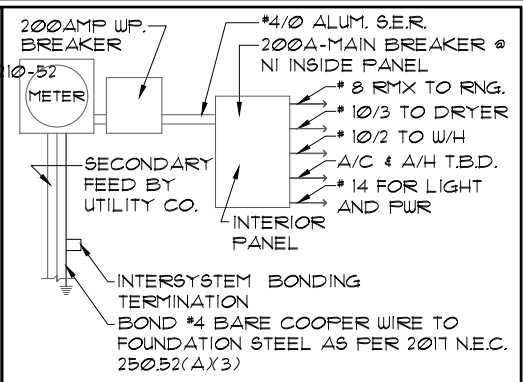
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LOT: 000, PARADISO GRANDE
 SEACOAST II
PARADISO GRANDE
 5619
 DATE 04-15-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 5619
 SHEET 09C.0
 OF SHEETS

PARADISO GRANDE
 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
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 Phone: (407) 529 - 3000
Park Square HOMES
 Electrical Plan
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MECHANICAL/GENERAL NOTES

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BRK: SMOKE-9120B, C/O- SC9120B
KIDDE: SMOKE-21007581, C/O 21006377-N
- 8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED. P2801.1
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- 12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2017 - ARTICLE



ELECTRICAL RISER DIAGRAM

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

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

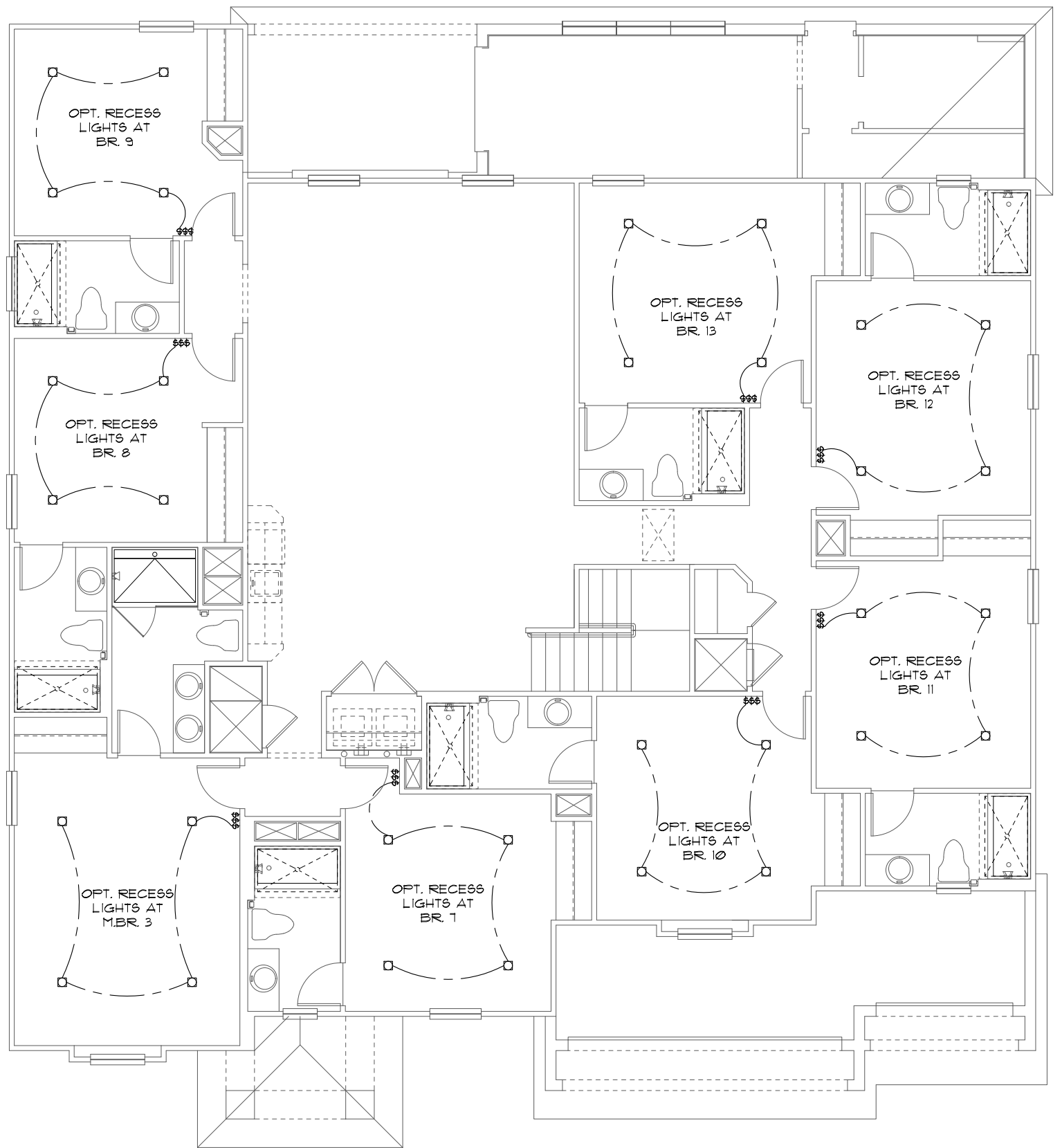
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NOTE: IF MORE THAN 12 SMOKE ALARMS OR CARBON MONOXIDE ALARM COMBINATION ARE INSTALLED IN THE HOME CRIME PREVENTION WILL PULL A SEPARATE FIRE PERMIT AND THE SYSTEM WILL BE MONITORED



ELECTRICAL LEGEND

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

UPPER ELECTRICAL PLAN "OPT. LED"

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

LED RECESS OPTION

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

LOT: 0000, PARADISO GRANDE
 THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH
 SEACOAST II
 PARADISO GRANDE
 5619
 DATE 04-15-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 5619
 SHEET 10.0
 OF SHEETS

PARADISO GRANDE
 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) 528 - 3000
Park Square HOMES
 UPPER ELECTRICAL PLAN
 REVISIONS BY

MECHANICAL/GENERAL NOTES

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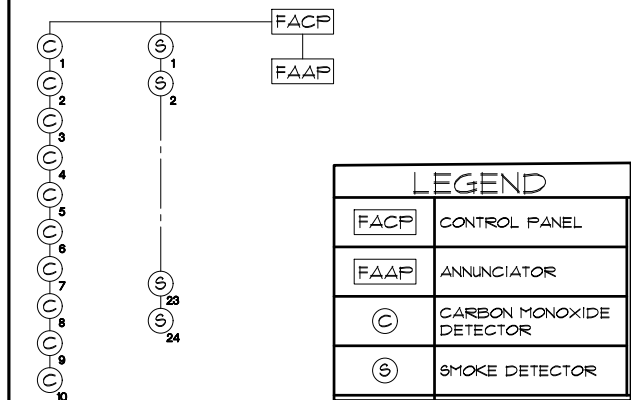
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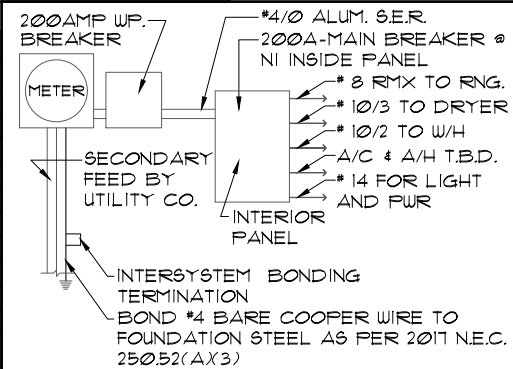
RISER DIAGRAM



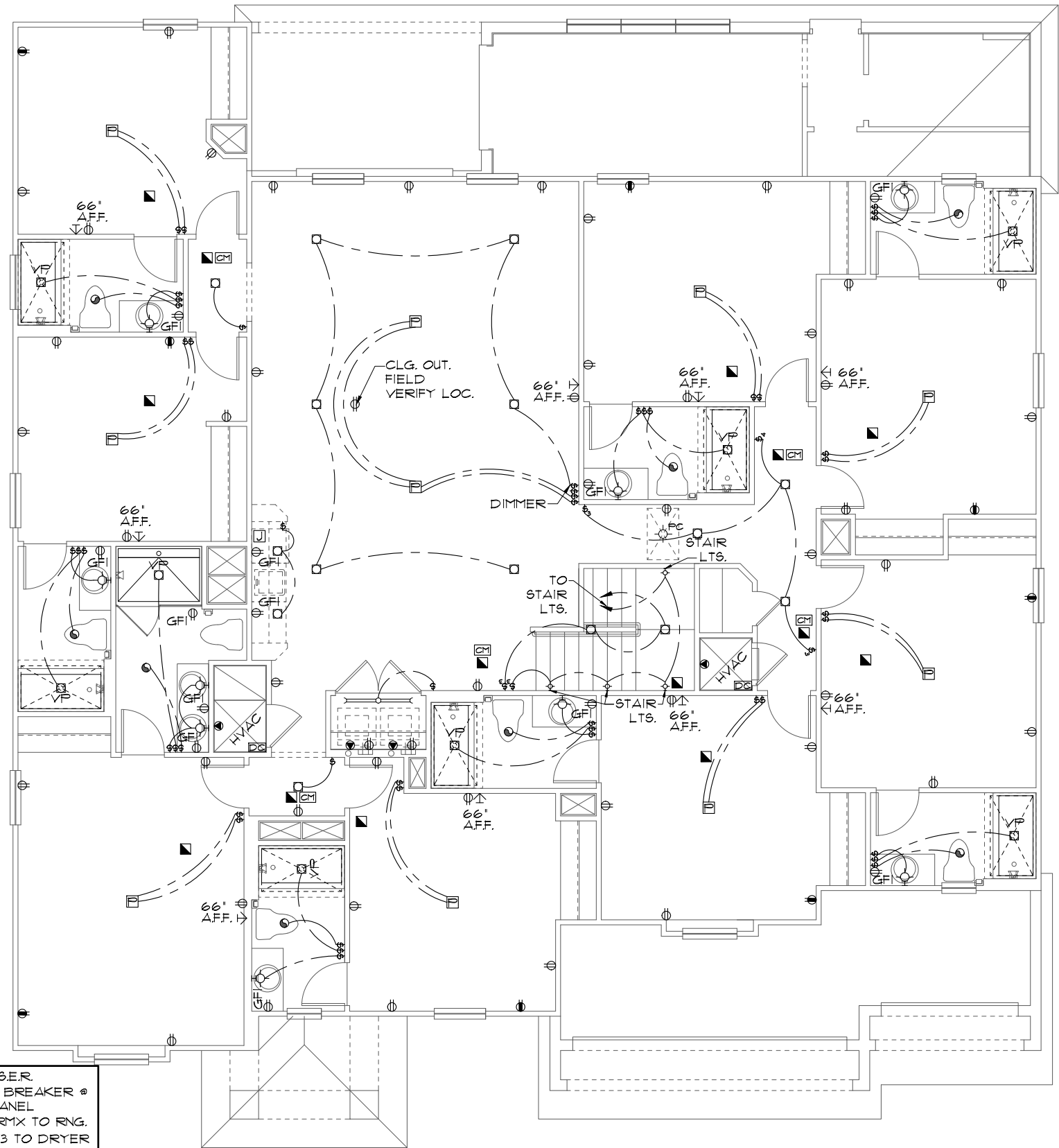
LEGEND	
[FACP]	CONTROL PANEL
[FAAP]	ANNUNCIATOR
[C]	CARBON MONOXIDE DETECTOR
[S]	SMOKE DETECTOR

ELECTRICAL LEGEND

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



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

PARADISO GRANDE

UPPER ELECTRICAL PLAN

SEACOAST II

PARADISO GRANDE

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) 528 - 3000

Park Square HOMES

5619

DATE	04-15-21
SCALE	AS NOTED
DRAWN	RDC
JOB	5619
SHEET	10A.0
OF SHEETS	

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

LOT: 0000, PARADISO GRANDE
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MECHANICAL/GENERAL NOTES

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- 1.) COMPLETE DUCT DESIGN W/ SIZES & R-VALUE COMPLYING W/ THE FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION 610.1 ABC.1
 - 2.) APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION.
 - A) CHAPTER 13 OF THE FBC-R 2023 8TH SECTION M1305.1
 - 3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION M1602 OF THE FBCR CODE 2023 8TH EDITION.
 - 4.) IAW NEC 2017- 210.12-ALL 15A OR 20A, 120V BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES IN THE FOLLOWING LOCATIONS REQUIRE AFCI PROTECTION- KITCHEN, FAMILY RMS, DINING RMS, LIVING RMS, PARLORS, LIBRARIES, BEDROOMS, DENS, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.
 - 5.) IAW NEC 2017- 406.12, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.
 - 6.) ALL OUTLETS IN BATHROOMS AND LAUNDRY ROOM SHALL BE GFCI
 - 7.) SMOKE ALARMS SHALL BE IN ALL SLEEPING AREAS, SHALL BE INTERCONNECTED, SHALL BE WITHIN 1' TO 3' OF PEAK & SHALL BE 3" FROM THE SUPPLY OR RETURN AIR- STREAM & EQUIPPED W/ A BATTERY BACKUP. ALARMS MAY NOT BE CONNECTED WHERE ALARMS ARE WIRELESS & ALL ALARMS SOUND UPON ACTIVATION IAW FBCR R314.3 & R314.4.
 - 8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED. P280.1
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 - 11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA70-NEC 2017
 - 12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A)2)
 - 12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2017 - ARTICLE 210-52

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

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

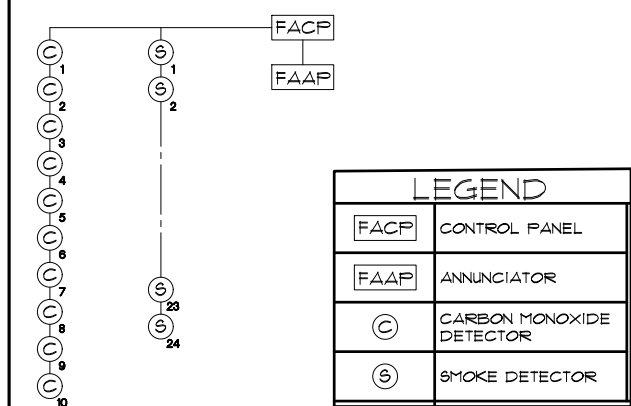
There are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than 1/2 inch in diameter and at least 20 ft. long, encased in 2 inches of concrete; (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.

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

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

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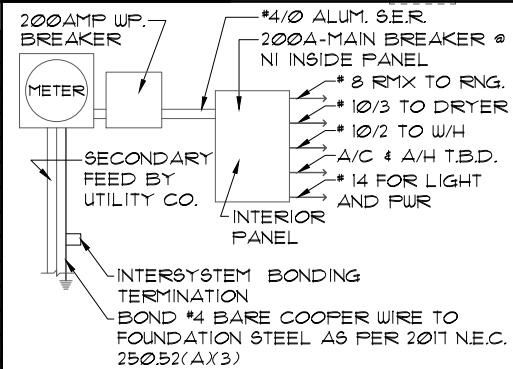
RISER DIAGRAM



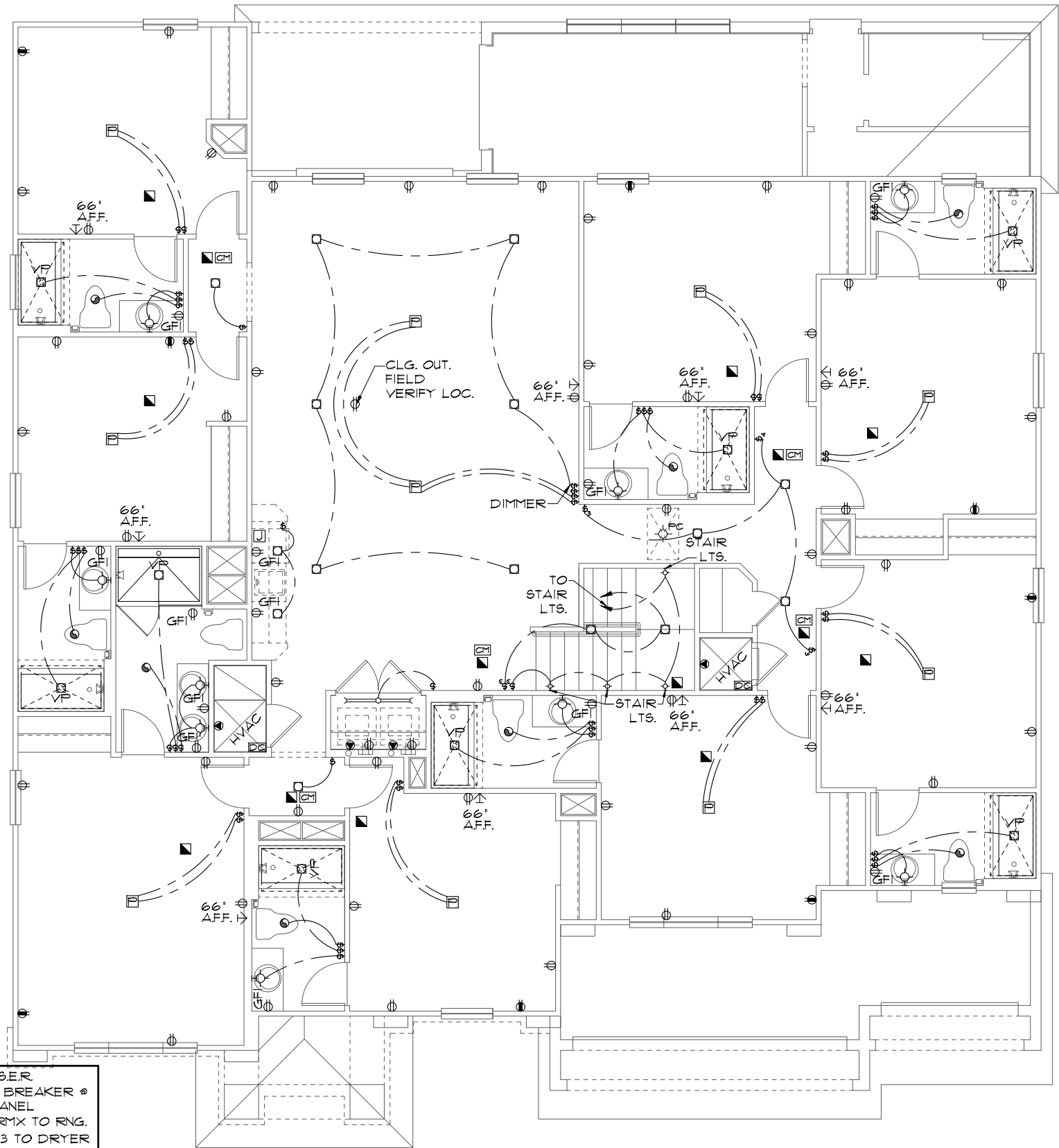
LEGEND	
[FACP]	CONTROL PANEL
[FAAP]	ANNUNCIATOR
[C]	CARBON MONOXIDE DETECTOR
[S]	SMOKE DETECTOR

ELECTRICAL LEGEND

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



ELECTRICAL RISER DIAGRAM
N.T.S.
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PARADISO GRANDE

UPPER ELECTRICAL PLAN

SEACOAST II

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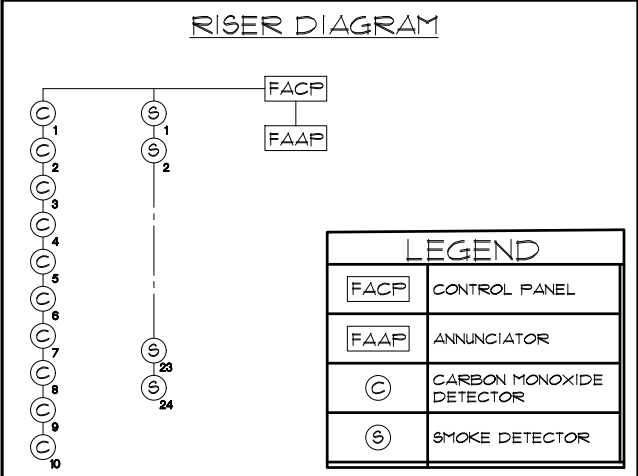
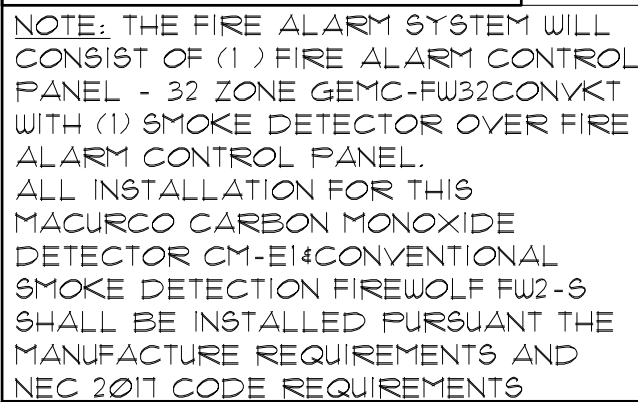
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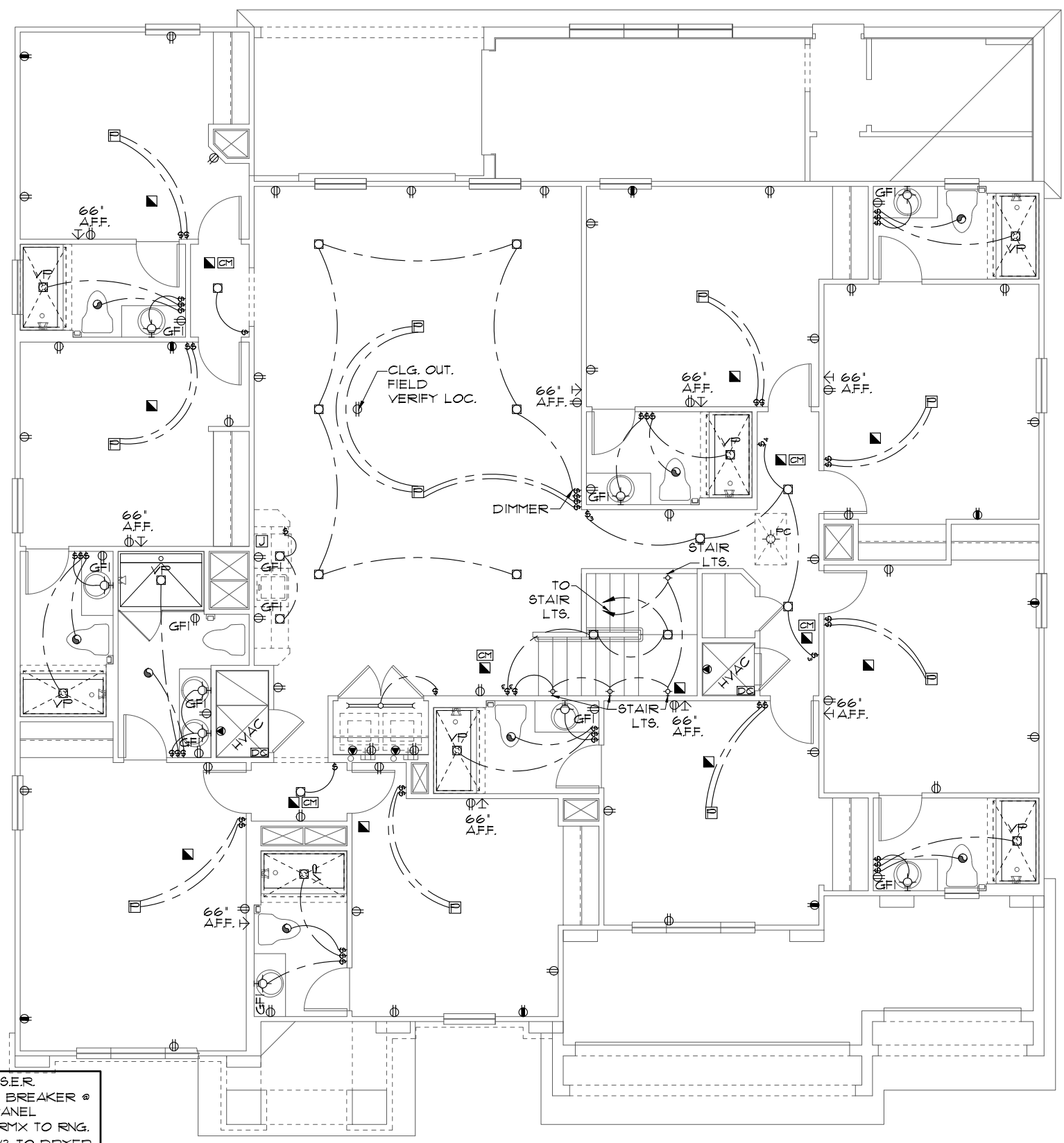
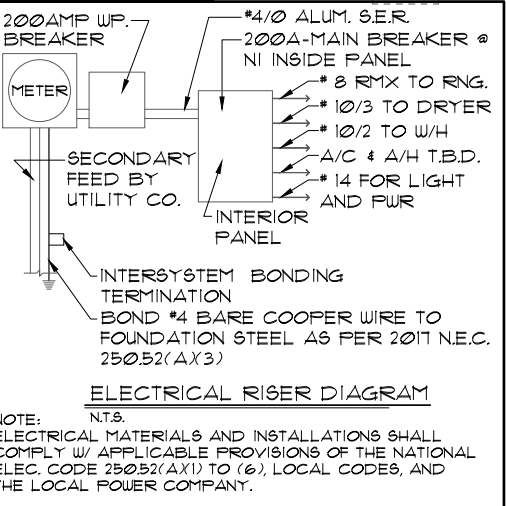
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⊞	OUTLET 110-115	◻	INTERCOM
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⊞	SFCL. PURPOSE 220-240	◻	EXHAUST FAN
⊞	LIGHT FIXT., CLG. MTD.	◻	EX. FAN/LIGHT COMBO
⊞	LIGHT FIXT., WALL MTD.	◻	DISPOSAL
⊞	LED LIGHT FIXT., RECESSED	◻	ELECTRICAL PANEL
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⊞	LIGHT FIXT., PULL CHAIN	◻	CEILING FAN, INSTALL
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⊞	LIGHT FIXT., EXT. FLOODS	◻	THERMOSTAT
⊞	LIGHT FIXT., EMERG. EXIT	◻	DISCONNECT SWITCH
⊞	LIGHT FIXT., EXIT/BACKUP	◻	ELEC. POWER METER



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

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REVISIONS	BY

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

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Park Square HOMES

PARADISO GRANDE

UPPER ELECTRICAL PLAN

SEACOAST II

PARADISO GRANDE

5619

DATE 04-15-21

SCALE AS NOTED

DRAWN RDC

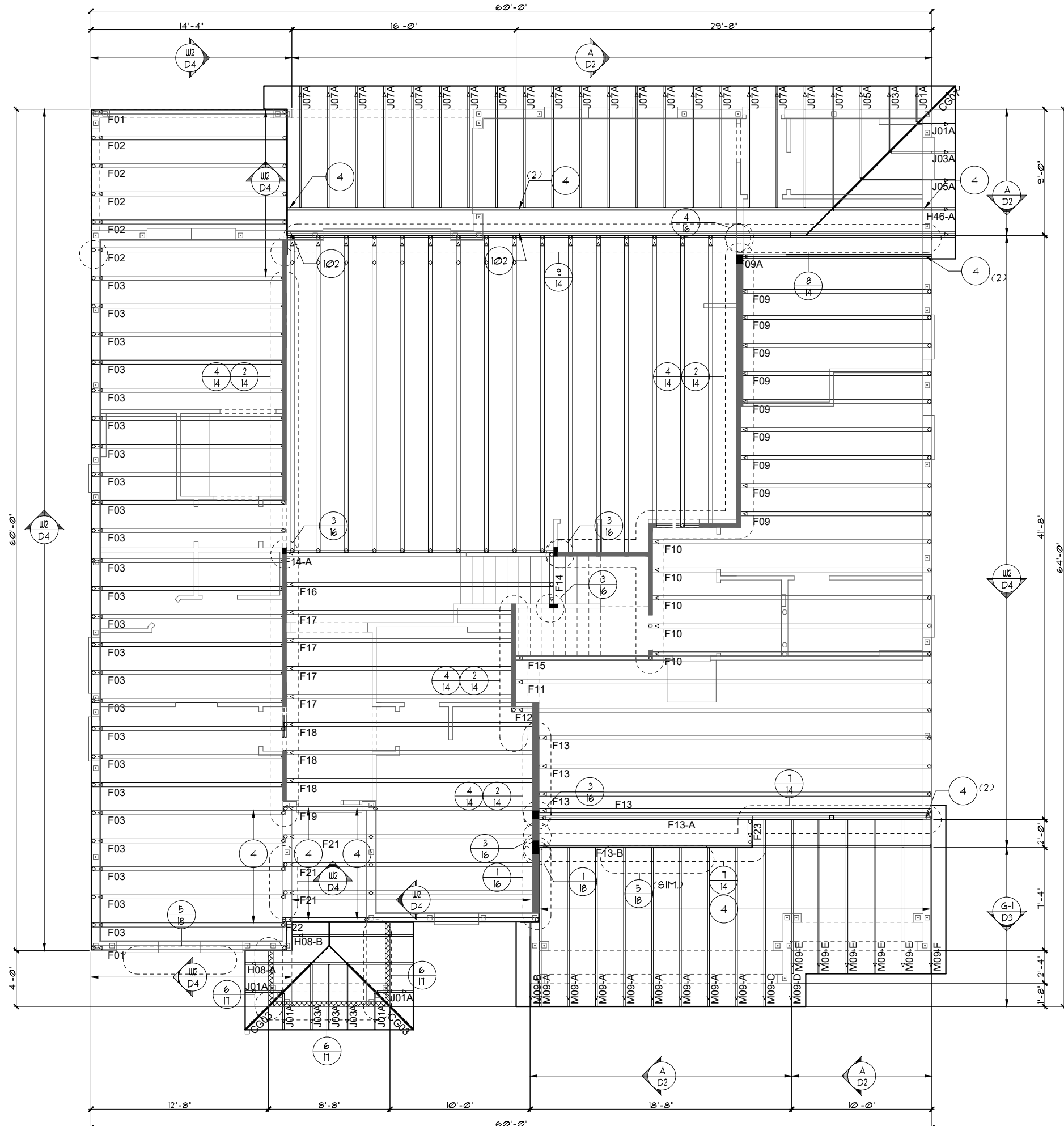
JOB 5619

SHEET 10C.0

OF SHEETS

TRUSS NOTE:
 FLOOR & ROOF TRUSS DESIGN DRAWINGS SHALL BE PREPARED IN CONFORMANCE WITH THE FLORIDA BUILDING CODE AND SIGNED & SEALED BY A LICENSED ENGINEER IN THE STATE OF FLORIDA. THESE DRAWINGS MUST BE SUBMITTED TO THE CODE ENFORCEMENT OFFICIAL AND THE ARCHITECT OF RECORD PRIOR TO THE INSTALLATION. TRUSS DRAWINGS SHALL ALSO BE PROVIDED WITH THE SHIPMENT OF TRUSSES DELIVERED TO THE JOBSITE.

- NOTES**
- TYPICAL ROOF GABLE OVERHANG TO BE 12' UNLESS OTHERWISE NOTED.
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 - OFF RIDGE VENTS MAXIMUM OPENING SIZES:
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TRUSS LAYOUT "A"
 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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TRUSS LAYOUT

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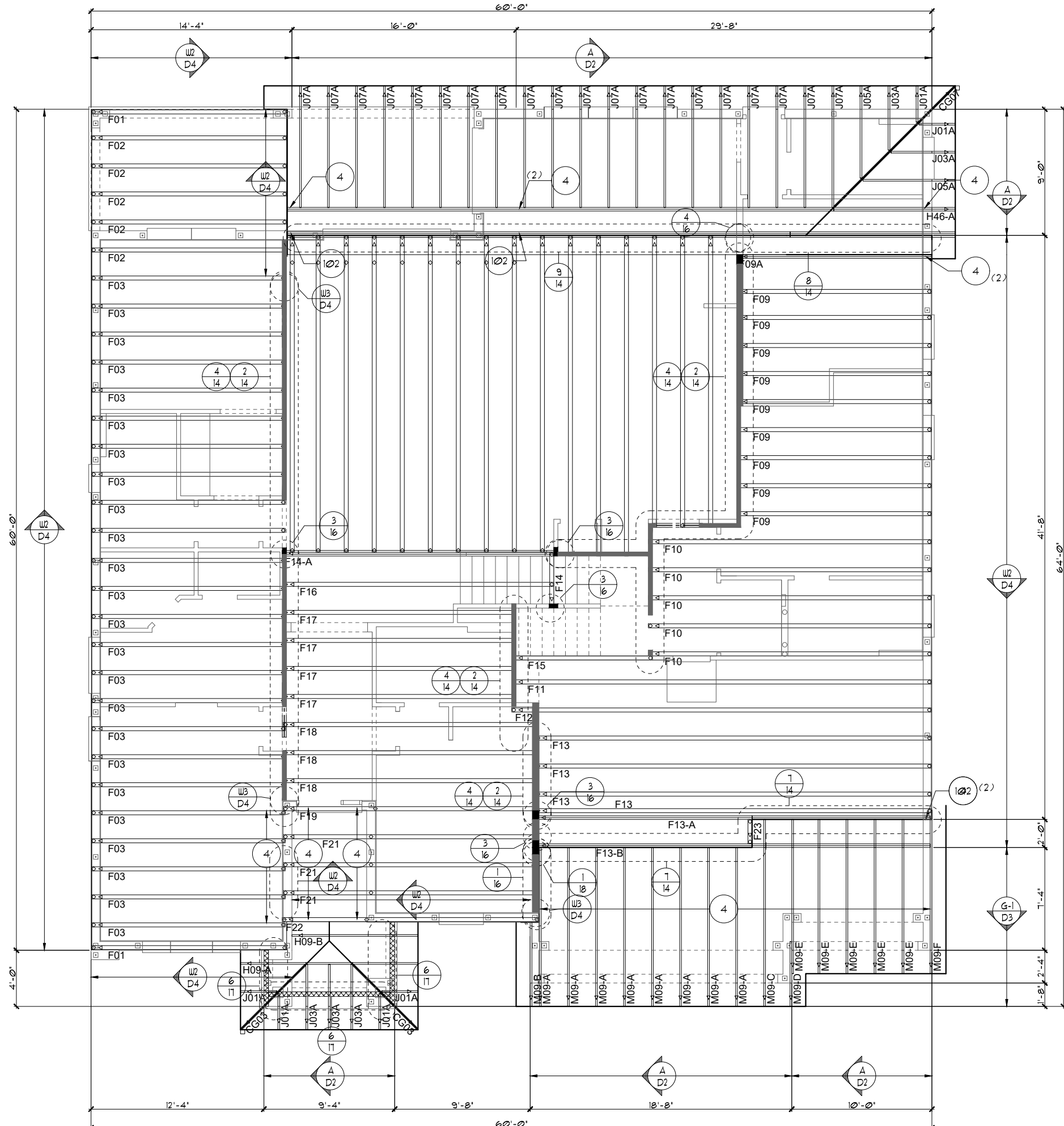
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 - O-HAGIN - 1' X 19' HOLE



TRUSS LAYOUT "B"
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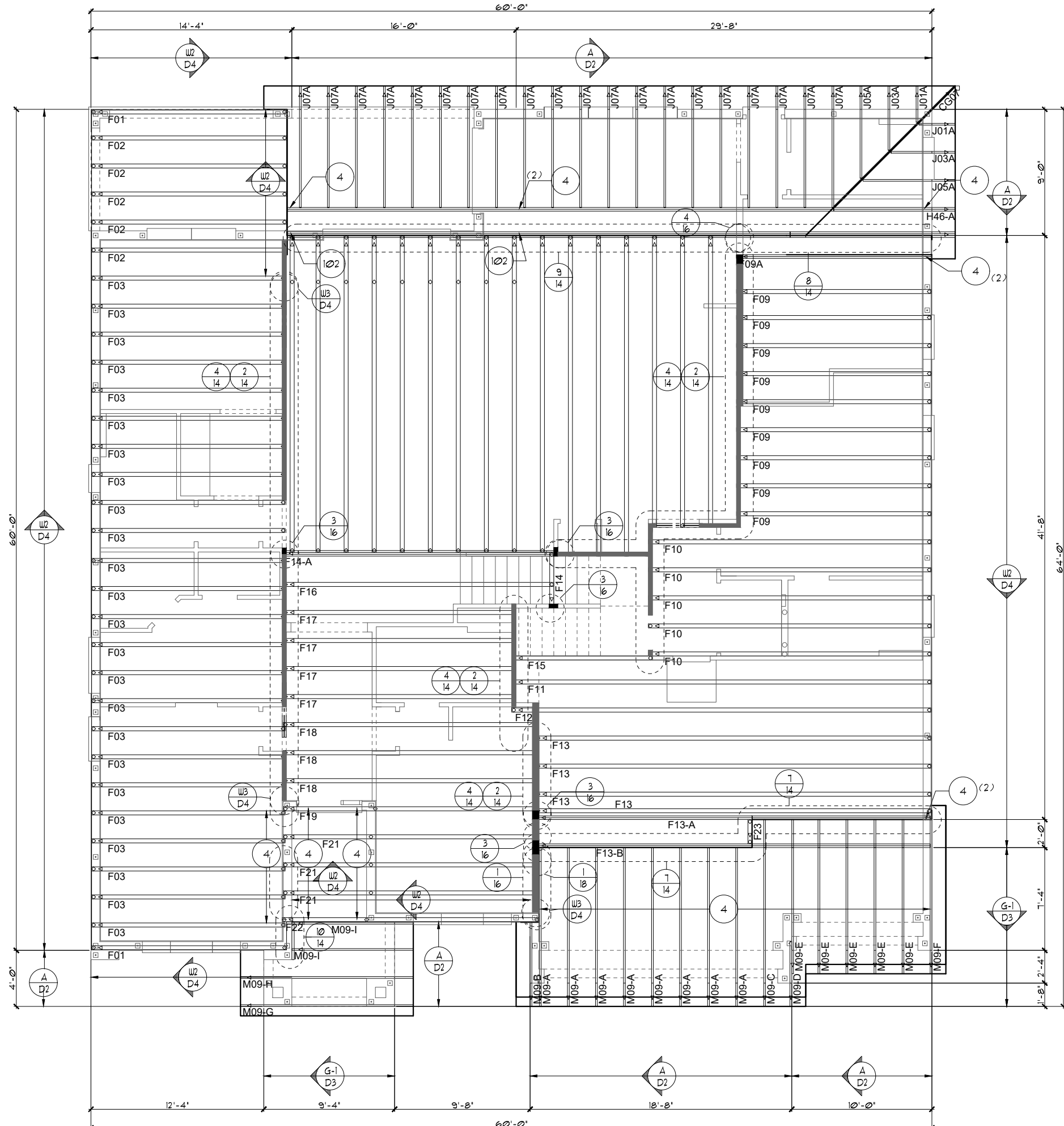
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 MICHAEL A. THOMPSON
 PE 47509
 PHONE 407-721-2292
A DIVISION OF PARK SQUARE ENTERPRISES, INC.
 5200 Vlneland Road, Suite 200
 Orlando, Florida, 32811
 Phone: (407) 529 - 3000
Park Square HOMES

REVISIONS	BY

ATTIC VENTILATION CALCULATIONS

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

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

TOTAL VENTED SPACE: $\frac{3,560\text{S.F.}}{300} = \underline{11.87\text{S.F.}}$ NET FREE REQUIRED

UPPER PORTION VENTILATION TOTAL: N/I
 PROVIDED W/OFF RIDGE VENTS: 5 VENTS @ .975S.F. /VENT.
 (TILE: O'HAGIN MODEL 'S', SHINGLE: LOMANCO T10-D OR MILLENNIUM METAL)
 LOWER PORTION VENTILATION TOTAL: N/I
 PROVIDED W/OFFITS @ EAVE: N/I @ 0.087SF VENTING/L.F.

UPPER PORTION PERCENTAGE: N/I
 LOWER PORTION PERCENTAGE: N/I

TRUSS NOTE:

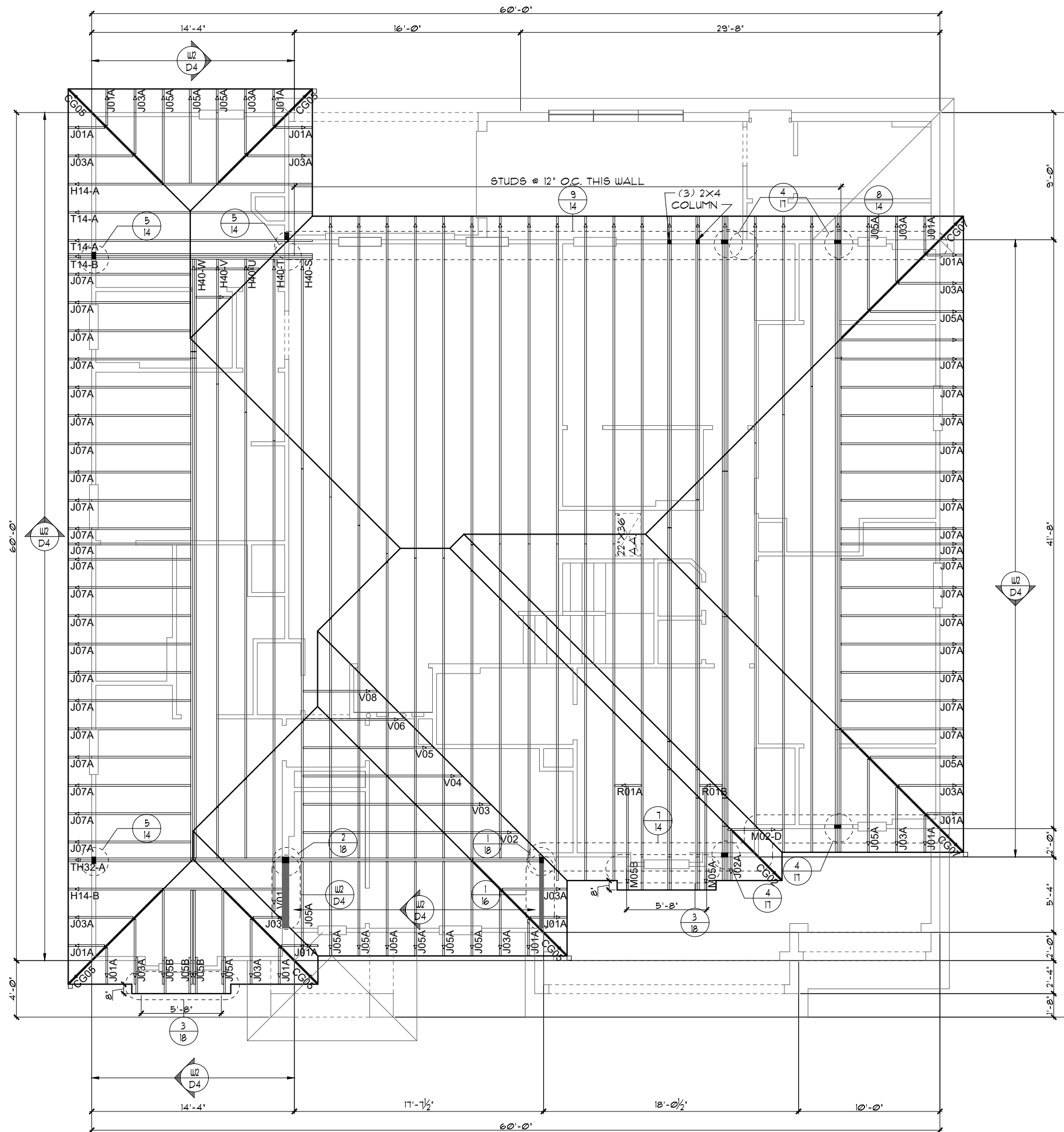
FLOOR & ROOF TRUSS DESIGN DRAWINGS SHALL BE PREPARED IN CONFORMANCE WITH THE FLORIDA BUILDING CODE AND SIGNED & SEALED BY A LICENSED ENGINEER IN THE STATE OF FLORIDA. THESE DRAWINGS MUST BE SUBMITTED TO THE CODE ENFORCEMENT OFFICIAL AND THE ARCHITECT OF RECORD PRIOR TO THE INSTALLATION. TRUSS DRAWINGS SHALL ALSO BE PROVIDED WITH THE SHIPMENT OF TRUSSES DELIVERED TO THE JOBSITE.

NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BC61 I.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.

1. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.

2. OFF RIDGE VENTS MAXIMUM OPENING SIZES:
- O'HAGIN - 1' X 19" HOLE



UPPER TRUSS LAYOUT "A"

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

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

LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

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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

Park Square
HOMES

UPPER TRUSS LAYOUT

SEACOAST II
PARADISO GRANDE

5619
DATE 04-15-21
SCALE AS NOTED
DRAWN RDC
JOB 5619
SHEET
12A.0
OF SHEETS

ATTIC VENTILATION CALCULATIONS

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

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

TOTAL VENTED SPACE: $\frac{3,560\text{S.F.}}{300} = 11.87\text{S.F.}$ NET FREE REQUIRED

UPPER PORTION VENTILATION TOTAL: N/I
 PROVIDED W/OFF RIDGE VENTS: 5 VENTS @ .979S.F. /VENT.
 (TILE: O'HAGIN MODEL "S", SHINGLE: LOMANCO T10-D OR MILLENNIUM METAL)
 LOWER PORTION VENTILATION TOTAL: N/I
 PROVIDED W/SOFFITS @ EAVE: N/I @ 0.0875S.F. VENTING/L.F.

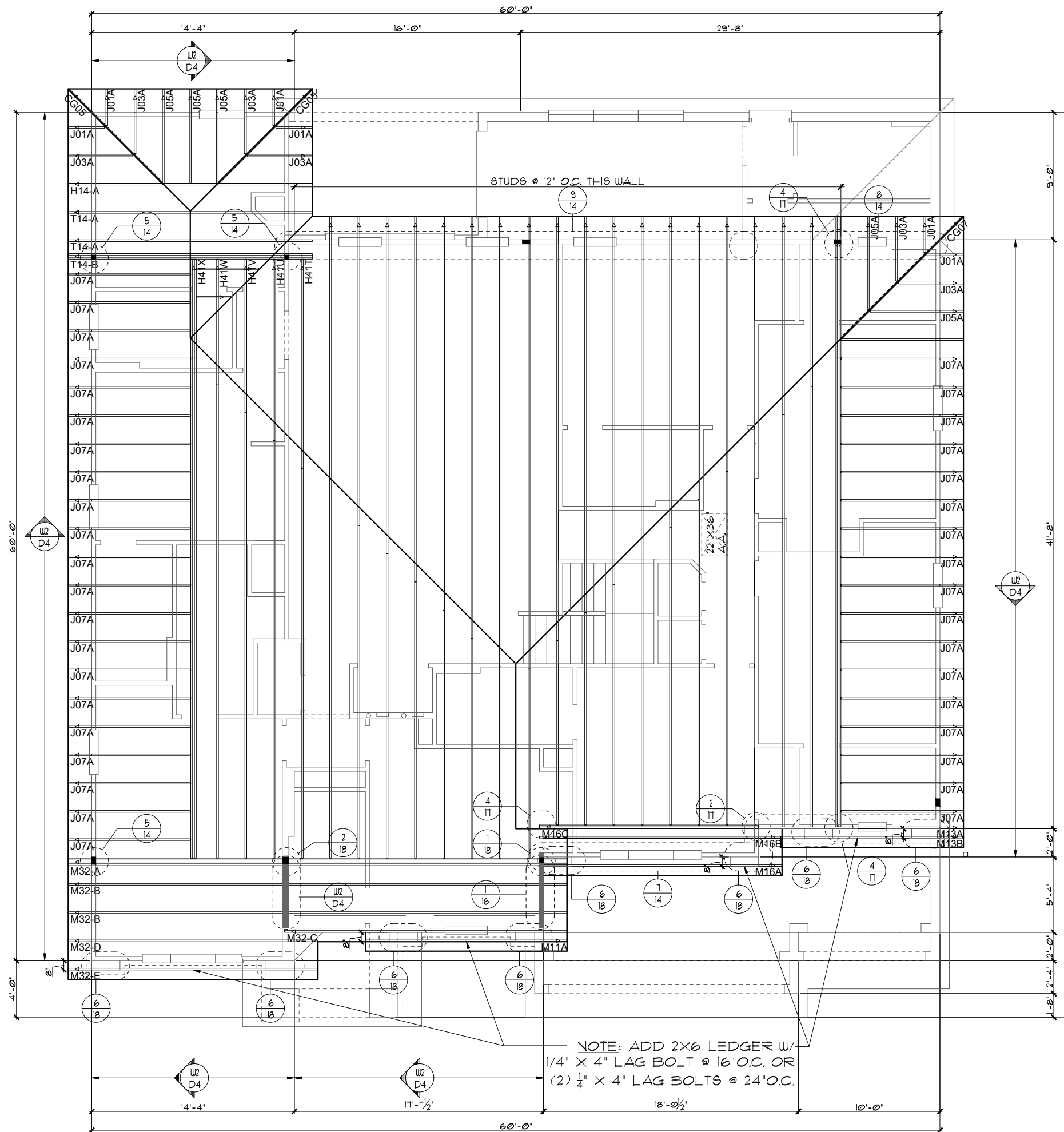
UPPER PORTION PERCENTAGE: N/I
 LOWER PORTION PERCENTAGE: N/I

TRUSS NOTE:

FLOOR & ROOF TRUSS DESIGN DRAWINGS SHALL BE PREPARED IN CONFORMANCE WITH THE FLORIDA BUILDING CODE AND SIGNED & SEALED BY A LICENSED ENGINEER IN THE STATE OF FLORIDA. THESE DRAWINGS MUST BE SUBMITTED TO THE CODE ENFORCEMENT OFFICIAL AND THE ARCHITECT OF RECORD PRIOR TO THE INSTALLATION. TRUSS DRAWINGS SHALL ALSO BE PROVIDED WITH THE SHIPMENT OF TRUSSES DELIVERED TO THE JOBSITE.

NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE 20" UNLESS OTHERWISE NOTED.
- PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
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- REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
- OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - O-HAGIN - 1' X 19" HOLE



UPPER TRUSS LAYOUT "C"

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

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

LOT: 000, PARADISO GRANDE

SEACOAST II

DATE 04-15-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 5619
 SHEET 12C.0 OF 5 SHEETS

PARADISO GRANDE

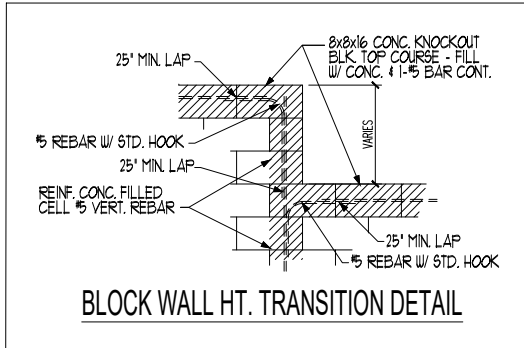
Engineering By:
 DBE and C
 MICHAEL A. THOMPSON
 PE 47509
 PHONE 407-721-2292

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

UPPER TRUSS LAYOUT

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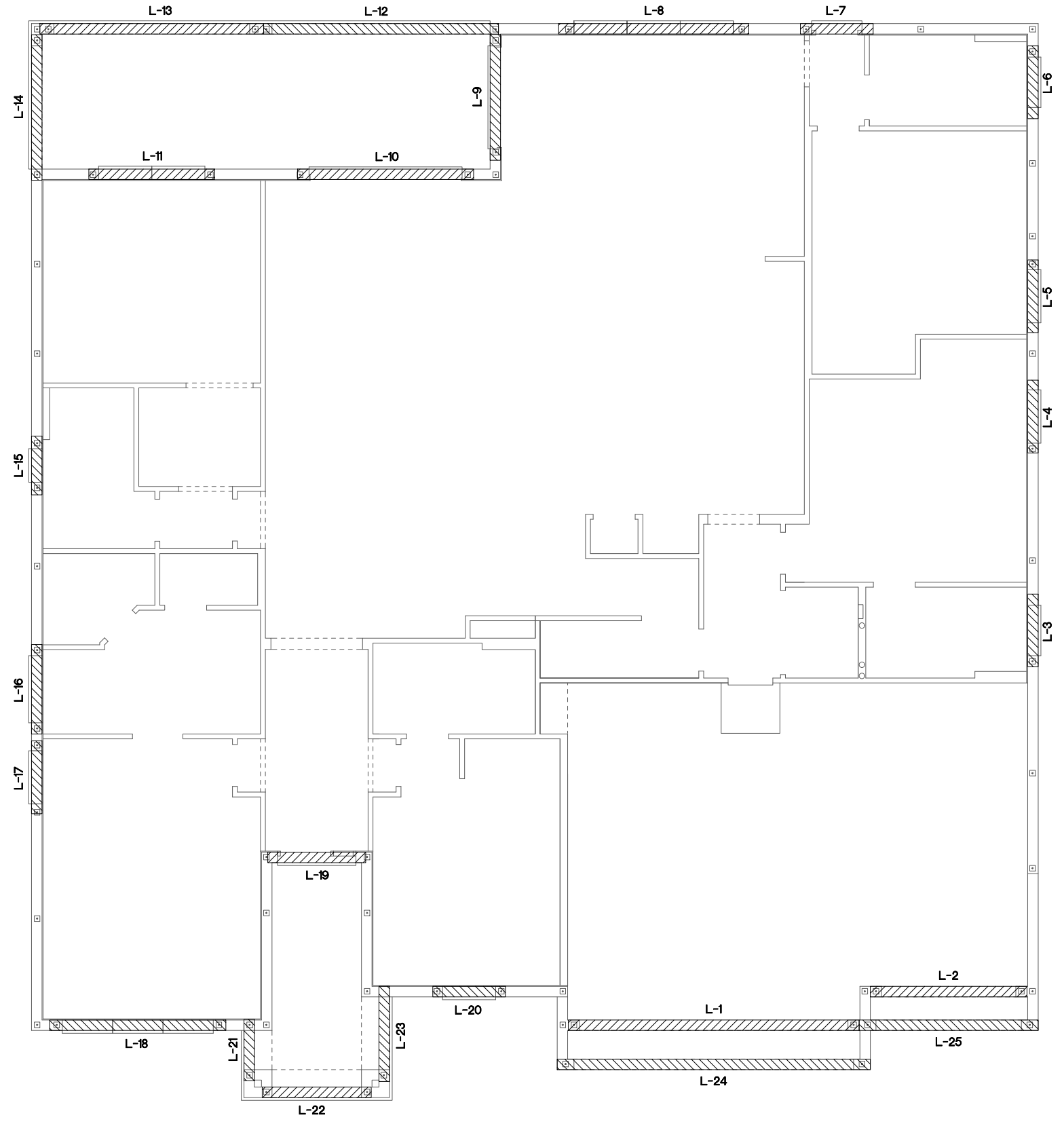
REVISIONS	BY



**CAST CRETE / LOTTIS / WEKIWA / FLORIDA ROCK
PRE CAST LINTEL SCHEDULE**

LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	17'-4"	8F30-1B/IT	GARAGE DOOR
L-2	9'-4"	8F30-1B/IT	GARAGE DOOR
L-3	4'-6"	8F36-0B/IT	3/0X1/0 F.G.
L-4	4'-6"	8F36-0B/IT	SH26
L-5	4'-6"	8F36-0B/IT	SH26
L-6	4'-6"	8F36-0B/IT	3/0X1/0 F.G.
L-7	4'-4"	8RF44-0B/IT	2680 1-LITE DR.
L-8	11'-4"	8F36-0B/IT	(3) SH26
L-9	7'-6"	8F36-0B/IT	6/0X8/0 S.G.D.
L-10	10'-6"	8F48-0B/IT	9/0X8/0 S.G.D.
L-11	7'-6"	8F36-0B/IT	FR SH26
L-12	14'-0"	8F16-1B/IT	REAR LANAI
L-13	13'-4"	8F16-1B/IT	REAR LANAI
L-14	8'-8"	8F16-1B/IT	REAR LANAI
L-15	3'-6"	8F36-0B/IT	2/0X2/0 F.G.
L-16	5'-4"	8F36-0B/IT	4/0X1/0 F.G.
L-17	4'-6"	8F36-0B/IT	SH26
L-18	10'-6"	8F36-0B/IT	(3) 3060 F.G.
L-19	5'-10"	8RF44-0B/IT	FRONT DOOR
L-20	4'-6"	8F36-0B/IT	SH26
L-21	3'-6"	8F24-0B/IT	FRONT ENTRY
L-22	6'-6"	8F24-0B/IT	FRONT ENTRY
L-23	5'-10"	8F24-0B/IT	FRONT ENTRY
L-24	18'-8"	8F24-1B/IT	GARAGE ENTRY
L-25	10'-6"	8F24-0B/IT	GARAGE ENTRY
L-26			
L-27			
L-28			
L-29			
L-30			
L-31			
L-32			
L-33			
L-34			
L-35			
L-36			
L-37			
L-38			
L-39			
L-40			

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



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

LOT: 0000, PARADISO GRANDE

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SEACOAST II	PARADISO GRANDE
5619	DATE 04-15-21
	SCALE AS NOTED
	DRAWN RDC
	JOB 5619
SHEET	13A.0
OF	SHEETS

PARADISO GRANDE

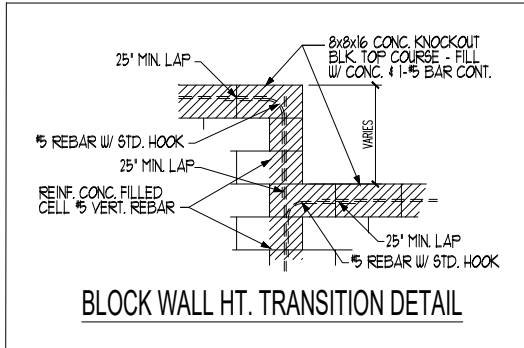
Engineering By:
DBE and C
MICHAEL A. THOMPSON
PE 47509
PHONE 407-721-2292

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

Park Square HOMES

PRE CAST LINTEL LAYOUT

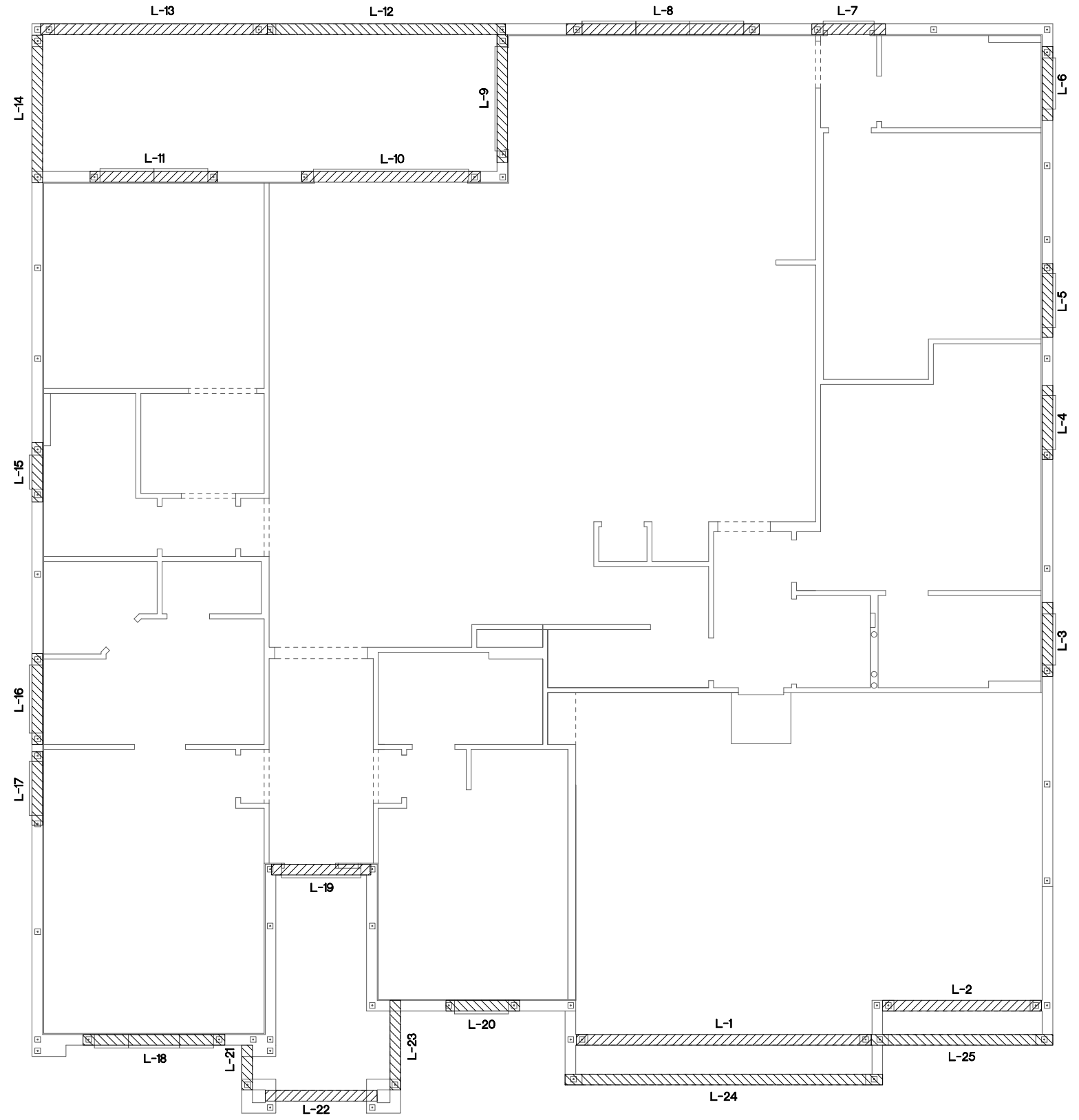
PARADISO GRANDE



**CAST CRETE / LOTTIS / WEKIWA / FLORIDA ROCK
PRE CAST LINTEL SCHEDULE**

LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	17'-4"	8F30-1B/IT	GARAGE DOOR
L-2	9'-4"	8F30-1B/IT	GARAGE DOOR
L-3	4'-6"	8F36-0B/IT	3/0X1/0 F.G.
L-4	4'-6"	8F36-0B/IT	SH26
L-5	4'-6"	8F36-0B/IT	SH26
L-6	4'-6"	8F36-0B/IT	3/0X1/0 F.G.
L-7	4'-4"	8RF44-0B/IT	2680 1-LITE DR.
L-8	11'-4"	8F36-0B/IT	(3) SH26
L-9	7'-6"	8F36-0B/IT	6/0X8/0 S.G.D.
L-10	10'-6"	8F48-0B/IT	9/0X8/0 S.G.D.
L-11	7'-6"	8F36-0B/IT	FR SH26
L-12	14'-0"	8F16-1B/IT	REAR LANAI
L-13	13'-4"	8F16-1B/IT	REAR LANAI
L-14	8'-8"	8F16-1B/IT	REAR LANAI
L-15	3'-6"	8F36-0B/IT	2/0X2/0 F.G.
L-16	5'-4"	8F36-0B/IT	4/0X1/0 F.G.
L-17	4'-6"	8F36-0B/IT	SH26
L-18	8'-4"	8F36-0B/IT	2060 FG / SH26 / 2060 FG
L-19	5'-10"	8RF44-0B/IT	FRONT DOOR
L-20	4'-6"	8F36-0B/IT	SH26
L-21	2'-10"	8F8-0B/IT	FRONT ENTRY
L-22	6'-6"	8F8-0B/IT	FRONT ENTRY
L-23	5'-4"	8F8-0B/IT	FRONT ENTRY
L-24	18'-8"	8F24-1B/IT	GARAGE ENTRY
L-25	10'-6"	8F24-0B/IT	GARAGE ENTRY
L-26			
L-27			
L-28			
L-29			
L-30			
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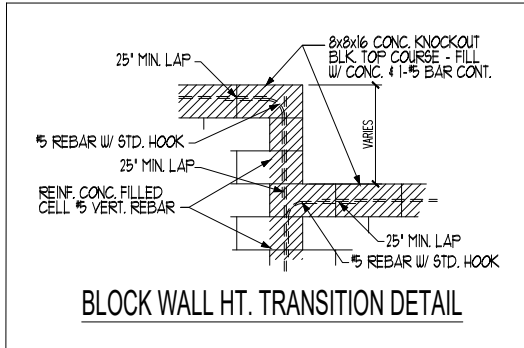
PRE CAST LINTEL LAYOUT "B"
 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



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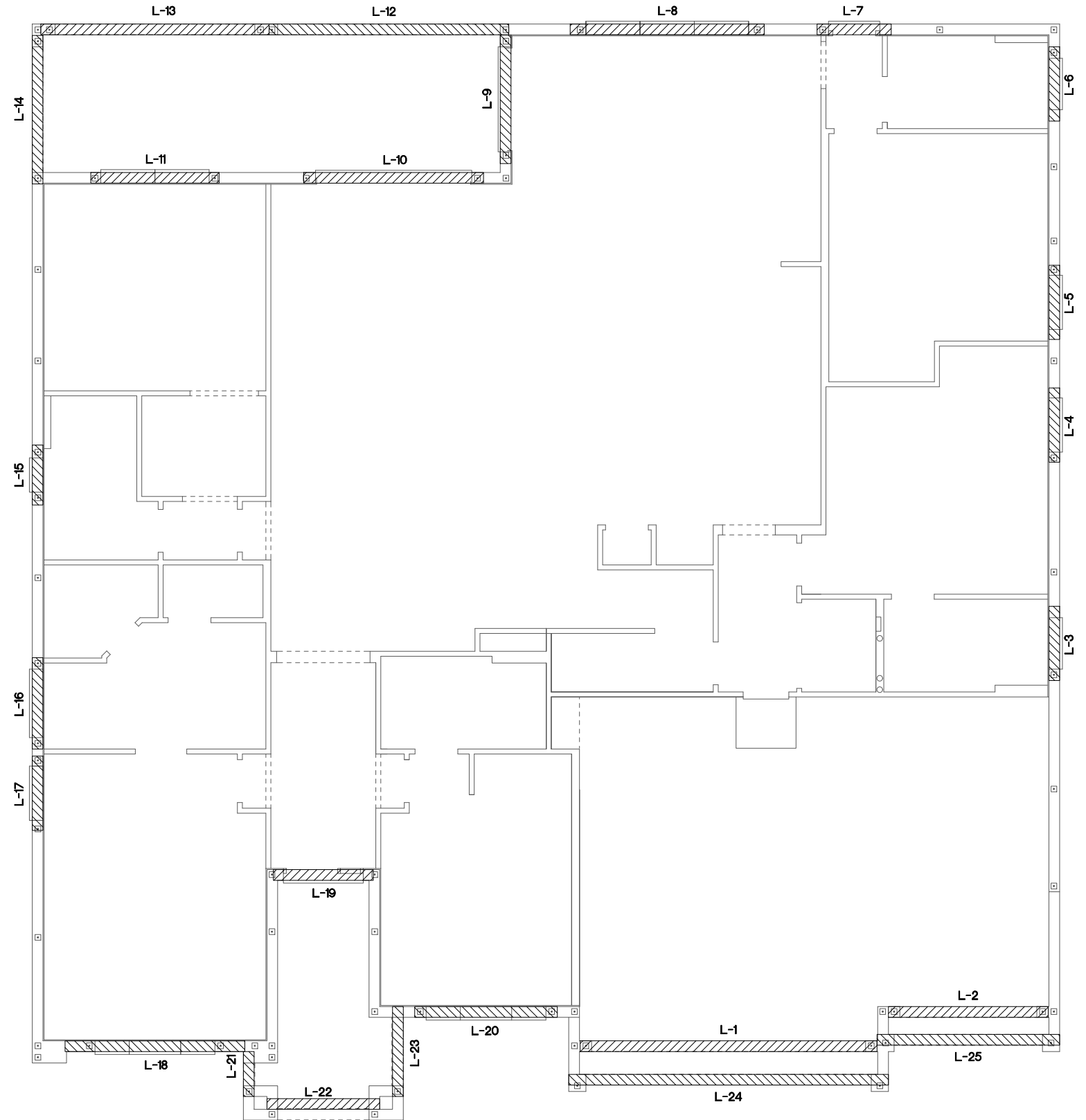
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SEACOAST II	PARADISO GRANDE
5619	DATE 04-15-21
SCALE AS NOTED	DRAWN RDC
JOB 5619	SHEET
13B.0	OF SHEETS
<p style="text-align: center;">PARADISO GRANDE</p> <p style="text-align: center;">A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida, 32811 Phone: (407) 529 - 3000</p>	<p style="text-align: center;">Park Square HOMES</p> <p style="text-align: center;">Engineering By: DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292</p>
REVISIONS	BY



CAST CRETE / LOTTIS / WEKIWA / FLORIDA ROCK PRE CAST LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	17'-4"	8F30-1B/IT	GARAGE DOOR
L-2	9'-4"	8F30-1B/IT	GARAGE DOOR
L-3	4'-6"	8F36-0B/IT	3/0X1/0 F.G.
L-4	4'-6"	8F36-0B/IT	SH26
L-5	4'-6"	8F36-0B/IT	SH26
L-6	4'-6"	8F36-0B/IT	3/0X1/0 F.G.
L-7	4'-4"	8RF44-0B/IT	2680 1-LITE DR.
L-8	11'-4"	8F36-0B/IT	(3) SH26
L-9	7'-6"	8F36-0B/IT	6/0X8/0 S.G.D.
L-10	10'-6"	8F48-0B/IT	9/0X8/0 S.G.D.
L-11	7'-6"	8F36-0B/IT	FR SH26
L-12	14'-0"	8F16-1B/IT	REAR LANAI
L-13	13'-4"	8F16-1B/IT	REAR LANAI
L-14	8'-8"	8F16-1B/IT	REAR LANAI
L-15	3'-6"	8F36-0B/IT	2/0X2/0 F.G.
L-16	5'-4"	8F36-0B/IT	4/0X1/0 F.G.
L-17	4'-6"	8F36-0B/IT	SH26
L-18	10'-6"	8F36-0B/IT	(3) 3060 FG.
L-19	5'-10"	8RF44-0B/IT	FRONT DOOR
L-20	8'-4"	8F36-0B/IT	2060 FG / SH26 / 2060 FG
L-21	2'-10"	8F8-0B/IT	FRONT ENTRY
L-22	6'-6"	8F8-0B/IT	FRONT ENTRY
L-23	5'-4"	8F8-0B/IT	FRONT ENTRY
L-24	18'-8"	8F24-1B/IT	GARAGE ENTRY
L-25	10'-6"	8F24-0B/IT	GARAGE ENTRY
L-26			
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L-38			
L-39			
L-40			

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

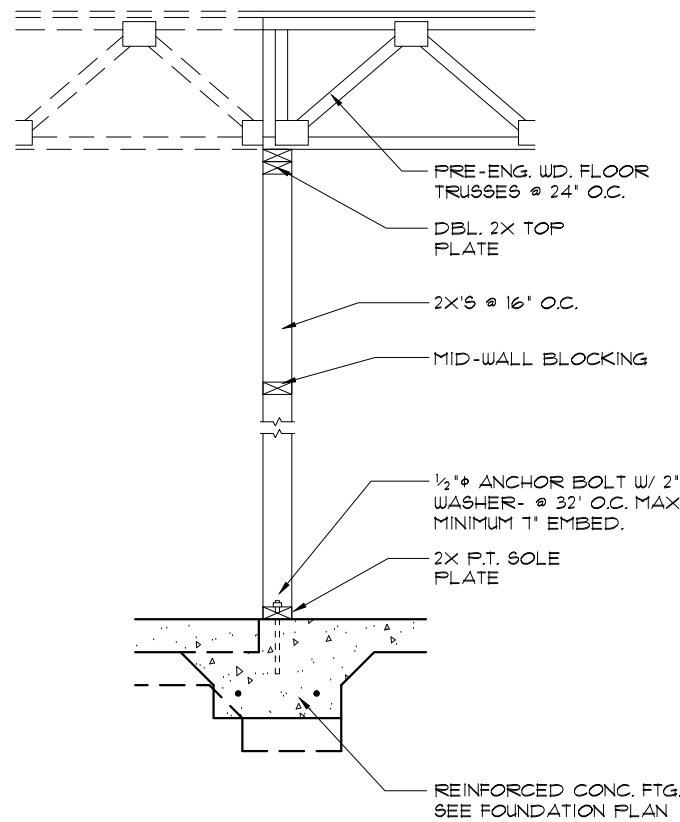


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LOT: 0000, PARADISO GRANDE
 SEACOAST II
 PARADISO GRANDE

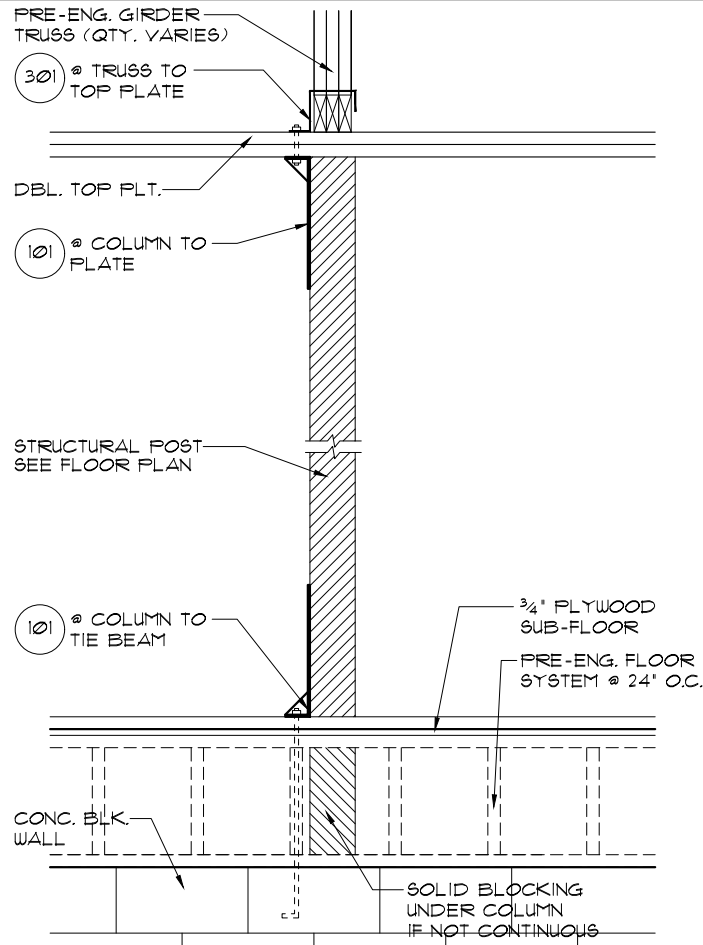
5619
 DATE 04-15-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 5619
 SHEET
 13C.0
 OF 5 SHEETS

PARADISO GRANDE
 PRE CAST LINTEL LAYOUT
 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
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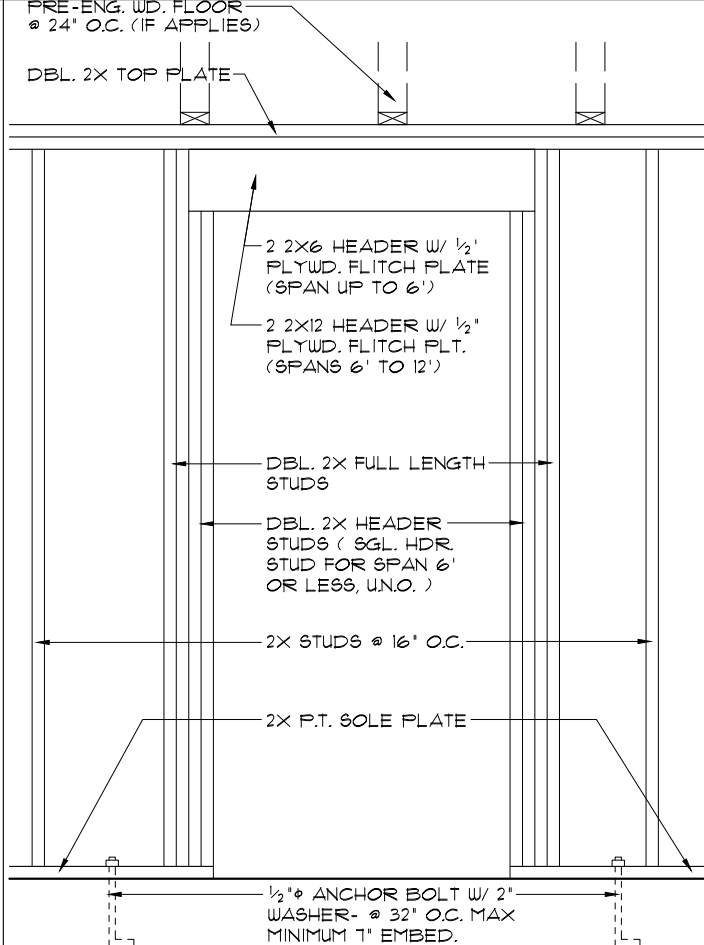
4 DETAIL

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



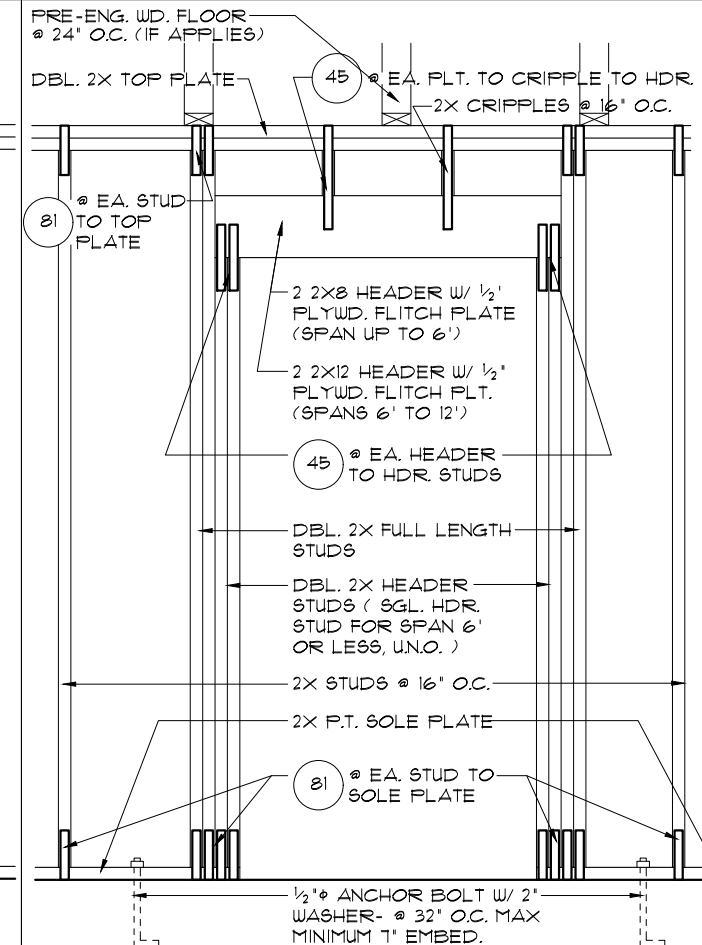
3 DETAIL

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



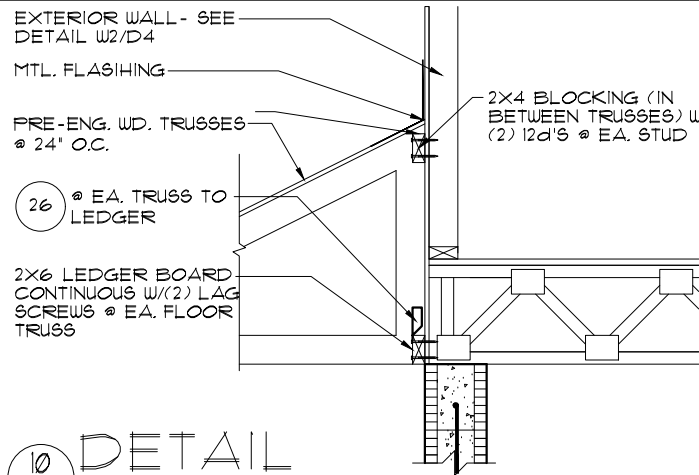
2 DETAIL

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



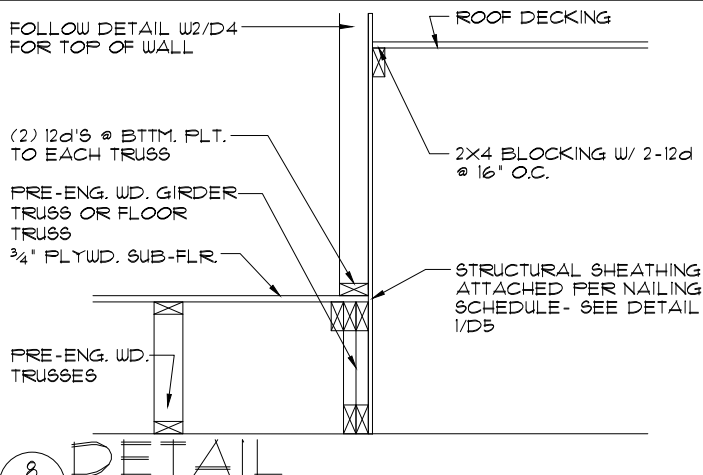
1 DETAIL

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



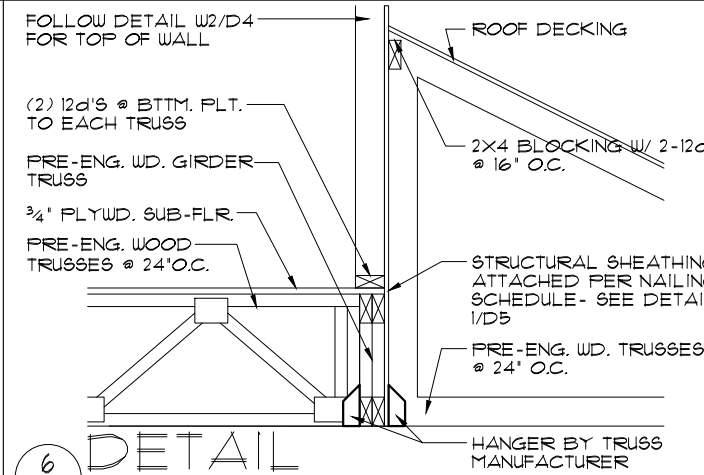
10 DETAIL

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



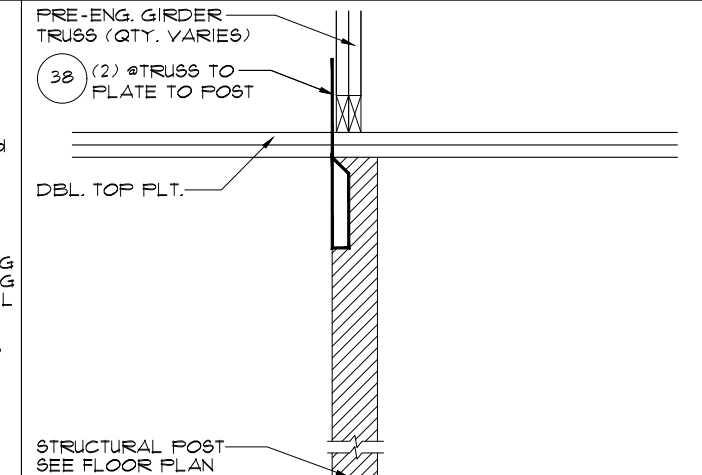
8 DETAIL

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



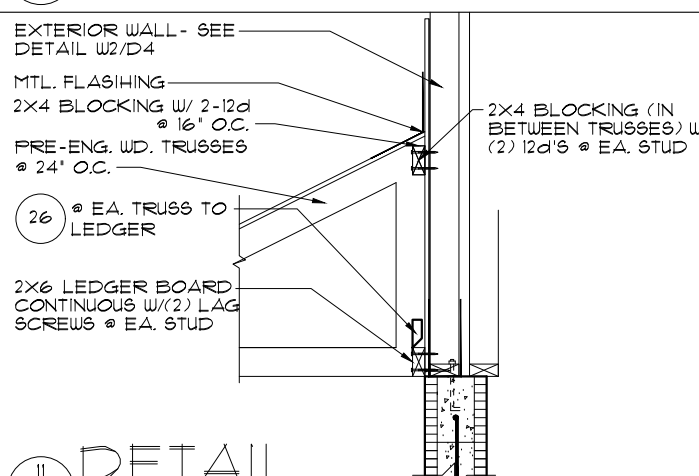
6 DETAIL

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



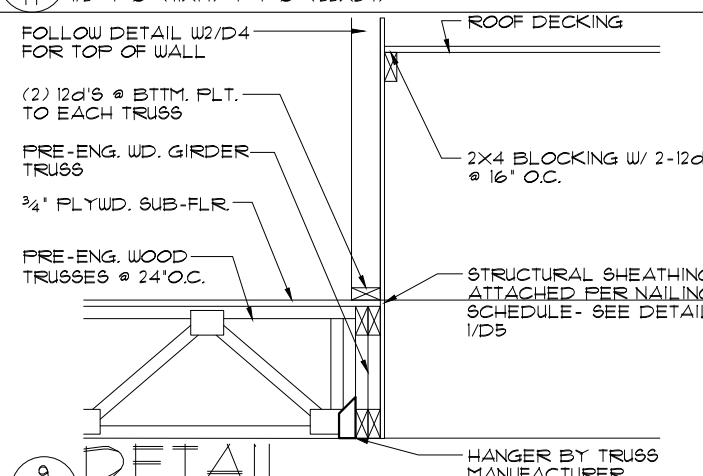
5 DETAIL

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



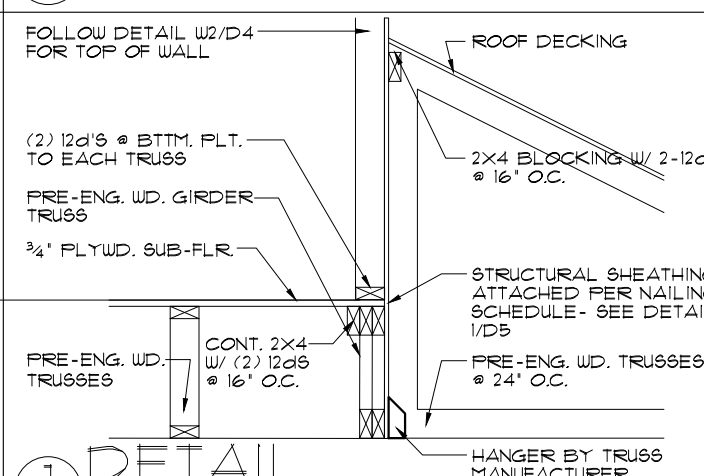
11 DETAIL

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



9 DETAIL

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



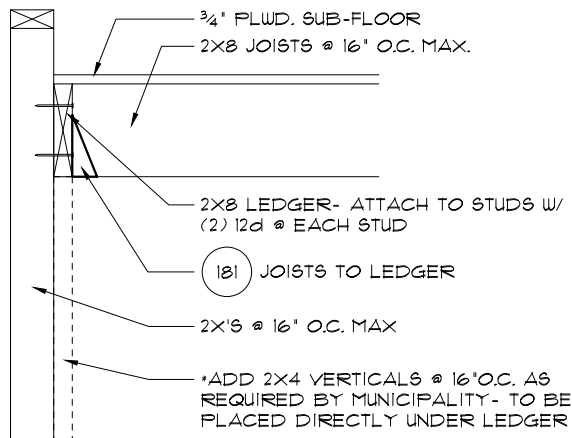
7 DETAIL

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

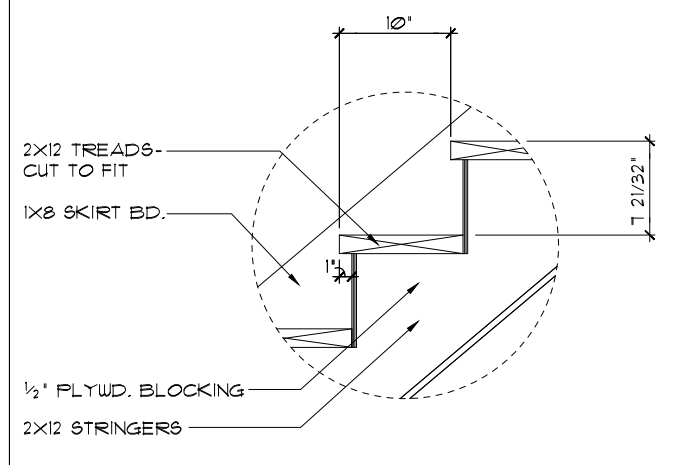
THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

LOT: 0000, PARADISO GRANDE

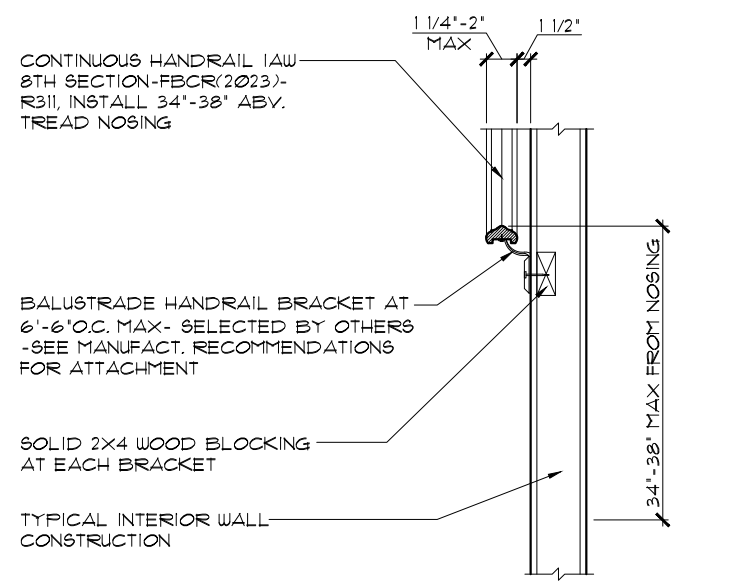
PARADISO GRANDE
 Engineering By: DBE and C, MICHAEL A. THOMPSON, PE 47509, PHONE 407-721-2292
 A DIVISION OF PARK SQUARE ENTERPRISES, INC., 5200 Vlneland Road, Suite 200, Orlando, Florida, 32818, Phone: (407) 529 - 3000
Park Square HOMES
SEACOAST II
PARADISO GRANDE
 5619
 DATE 04-15-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 5619
 SHEET 14 OF SHEETS



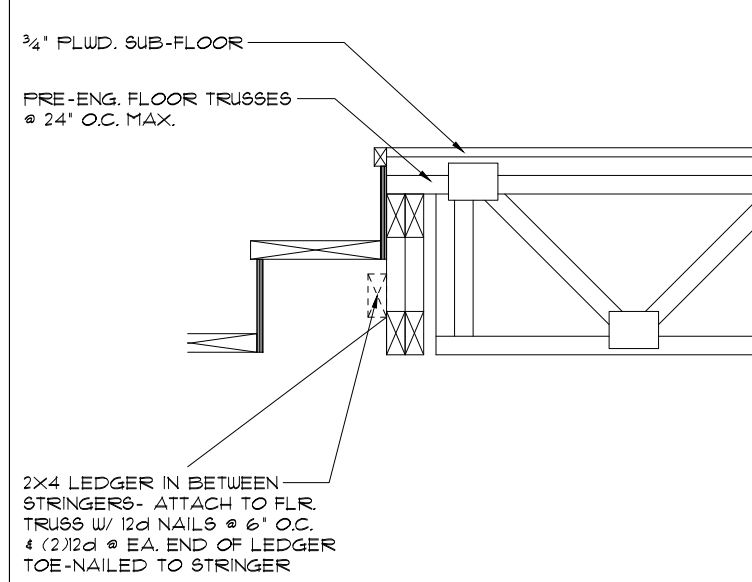
4 TYP. STAIR CONNECT.
 3/4" = 1'-0" (11X17) 1 1/2" = 1'-0" (22"X34") PLATFORM FRAMING



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



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



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

NOTES:
 STAIRWAY CONSTRUCTION TO CONFORM TO FBCR 2023, 8TH EDITION SECTION R311.1

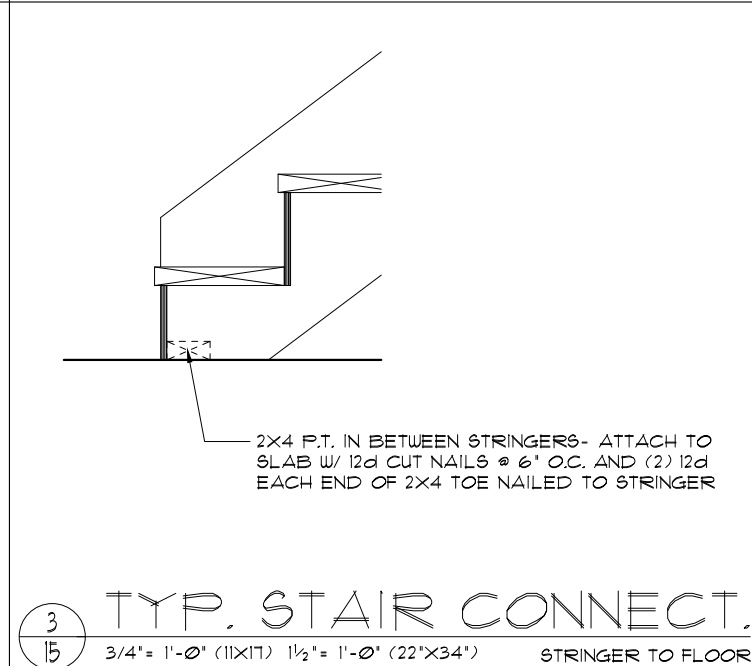
MAX. HGT. OF RISER TO BE 7 3/4"
 MIN. WIDTH OF TREAD TO BE 9" (EXCLUSIVE OF NOSING)
 ALL TREADS LESS THAN 10" IN WIDTH SHALL HAVE APPROX. 1" OF NOSING
 3/16" MAX. VARIATION IN RISERS/TREADS ADJACENT TO EACH OTHER
 3/8" MAX. VARIATION IN ANY RISER/TREAD

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

WINDERS: MIN. 6" WIDE @ NARROW END

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

HEADROOM CLEARANCE MIN. 6'-8"



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

CONNECTOR SCHEDULE						
CONNECT. TYPE	SIMPSON		USP		MAX. UPLIFT	LAT. LDS. F1 / F2
	DESCRIPTION	FASTENERS PER CONNECTOR	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA20	14-10d x 1 1/2"	ETA20	14-10d	1,810	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	990	585 / 525
23	LUS26	HDR: 4-10d / JST: 4-10d RFT / TRS: (4)8d	JUS26	HDR: 4-10d / JST: 4-10d	935	N/A
24	H1Z	PLT / STD: (2)8dx1 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" / F: 4-8dx1 1/2"	MP34	H: 4-8dx1 1/2" / F: 4-8dx1 1/2"	365	280 / 303
35	A35F	H: 4-8dx1 1/2" / F: 4-8dx1 1/2"	MPAIF	H: 6-8dx1 1/2" / F: 6-8dx1 1/2"	440	440 / N/A
37	MTS12	14-10d	MTW12	14-10d	1,000	N/A
38	MTS16	14-10d	MTW16	14-10d	1,000	N/A
43	LSTA12	10-10d	LSTA12	10-10d	905	N/A
45	ST18	14-16d	ST18	14-16d	1,200	N/A
47	LSTA24	18-10d	LSTA24	18-10d	1,295	N/A
71	MSTA36	26-10d	MSTA36	26-10d	2,135	N/A
72	MSTC66	64-16d SINKERS	N/A	N/A	5,495	N/A
79	SPI	STD: 6-10d / PLT: 4-10d	SPT22	STD: 4-10d / PLT: 4-10d	535	560 / 260
80	SP2	STD: 6-10d / PLT: 6-10d	SPT224	STD: 6-10d / PLT: 6-10d	605	560 / 260
81	SPH4.6.8	12-10d x 1 1/2"	TP4.6.8	12-10d x 1 1/2"	885	N/A
90	ABU66	12-16d	PAU66	12-16d	2,240	N/A
93	CB66	(2) 3/8" BOLTS	PA8X8	4-10d	2,300	985
92	ABU44	12-16d	PAU44	12-16d	2,200	N/A
93	AC6 (MAX)	28-16d	PBS66	24-16d	1,815	1,070
94	AC4 (MAX)	28-16d	PBS44	24-16d	1,815	1,070
95	HTS20	20-10d	HTW20	20-10d	1,450	N/A
96	HD8A	SILL: 1/8" BOLT STUD: (3) 3/8" X 5 1/2" BOLTS	HHD8A	SILL: 1/8" BOLT STUD: (3) 3/8" X 5 1/2" BOLTS	7,910	N/A
99	A35	H: 4-8dx1 1/2" / F: 4-8dx1 1/2"	MPAI	H: 6-8dx1 1/2" / F: 6-8dx1 1/2"	440	440 / N/A
98-101	HTT4	5/8" BOLT / 18-16dx2 1/2"	N/A	N/A	3,640	N/A
97-100-102	HTT5	5/8" BOLT / 26-10d	N/A	N/A	4,275	N/A
103	VGTR/L	32-SDS 1/4" X 3" / (2) 5/8" BLT	N/A	N/A	3,990	N/A
104	HDU8-SDS2.5	7/8" BLT / 20-SDS 1/4" X 2 1/2"	N/A	N/A	5,020	N/A
105	HDU11-SDS2.5	1" BLT / 30-SDS 1/4" X 2 1/2"	N/A	N/A	8,030	N/A
110	HCF2	12-10d x 1 1/2"	HHCF2	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: 16-3/16" X 1 1/2" TAPCON BM: 6-16d	HDO212-3	HD: 18-3/16" X 1 1/2" TAPCON BM: 6-10d	1,135	N/A
215	HGU5210-2	HDR: 46-16d / JST: 10-16d	EHUH210-2	HDR: 40-16d / JST: 16-10d	2,720	N/A
216	HUS412	BLOCK: 10-1/4" X 1 1/2" TC JOIST: 10-16d	HUS412	BLOCK: 10-1/4" X 1 1/2" TC JOIST: 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-1/4" X 1 1/2" TC JOIST: 10-16d	HUS212-2	BLOCK: 10-1/4" X 1 1/2" TC JOIST: 10-16d	2,630	N/A
219	MBHA412	H: 1-ATR 3/4" X 8" TOP & FACE JOIST: 18-10d	NFM35X12U	H: 1-1/2" J-BOLT J: 5-1/2" BOLTS	3,145	N/A
220	N/A	N/A	NFM 3X12	BLK: 1/2" J / JST: 14-10d	1,620	N/A
226	MBHA4.75/12	HDR: (2) 3/4" x 8" JOIST: 18-10d	NFM45U	HDR: MIN. 1/2" x J-BOLT JOIST: (5) 1/2" BOLTS	2,160	N/A
231	MBHA3.56/16	HDR: (2) 3/4" x 8" JOIST: 18-10d	NFM3.5X16U	HDR: MIN. 1/2" x J-BOLTS JOIST: (5) 1/2" BOLTS	3,450	N/A
232	MBHA5.50/16	HDR: (2) 3/4" x 8" JOIST: 18-10d	NFM5.5X16U	HDR: MIN. 1/2" x J-BOLTS JOIST: (5) 1/2" BOLTS	3,450	N/A
240	H15	R: 4-10dx1 1/2" / F: 4-10dx1 1/2"	N/A	N/A	1,300	480 / N/A
241	LGT2	30-16d-sinker	LUGT2	32-10d	2,000	1015 / 440
301	MGT	(1) 5/8" BLTS / GIR: 22-10d	N/A	N/A	3,965	N/A
302	HGT-2 or 3	LTL: 3/4" BLTS / GIR: 8-10d	USC63	LTL: 3/4" BLTS / GIR: 8-16d	6,485	N/A
303	HGT-4	LTL: 3/4" BLTS / GIR: 16-10d	N/A	N/A	9,250	N/A
401	SUR/L414	FACE: 18-16d / JST: 8-16d	N/A	N/A	1,700	N/A
T	CONNECTORS TO BE SPECIFIED AND PROVIDED BY TRUSS MANUFACTURERS					

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 PARADISO GRANDE
 SEACOAST II
 5619
 DATE 04-15-21
 SCALE AS NOTED
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 SHEET 15 OF SHEETS

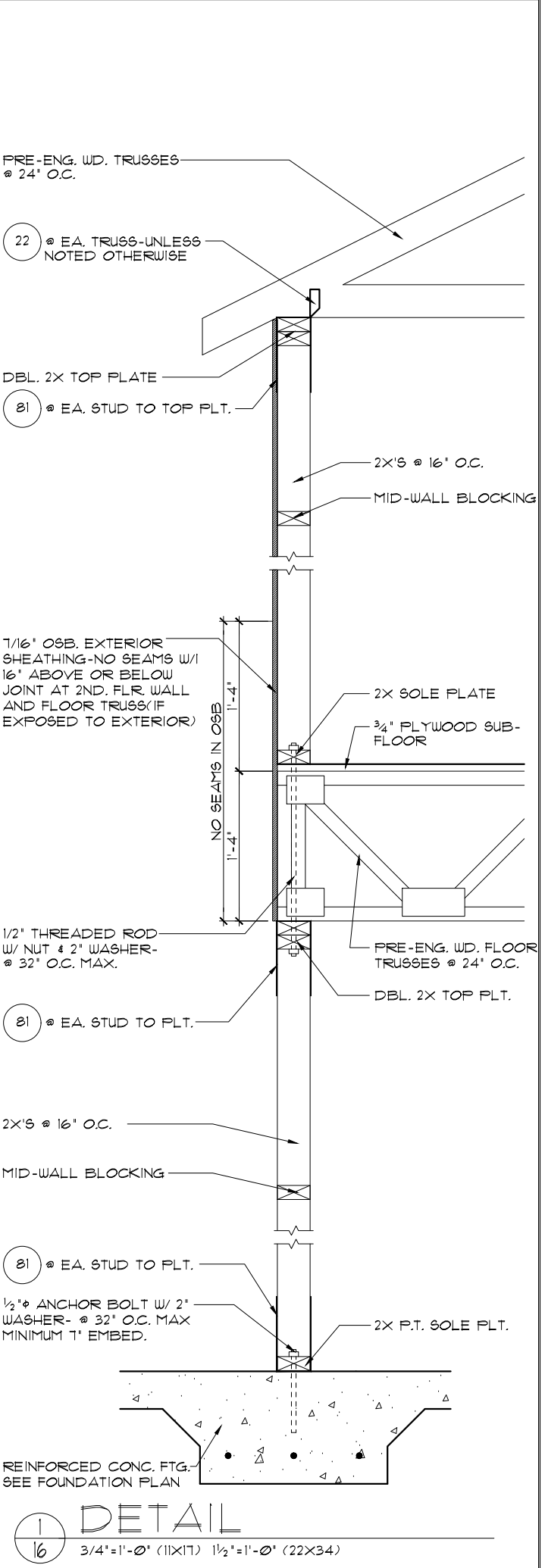
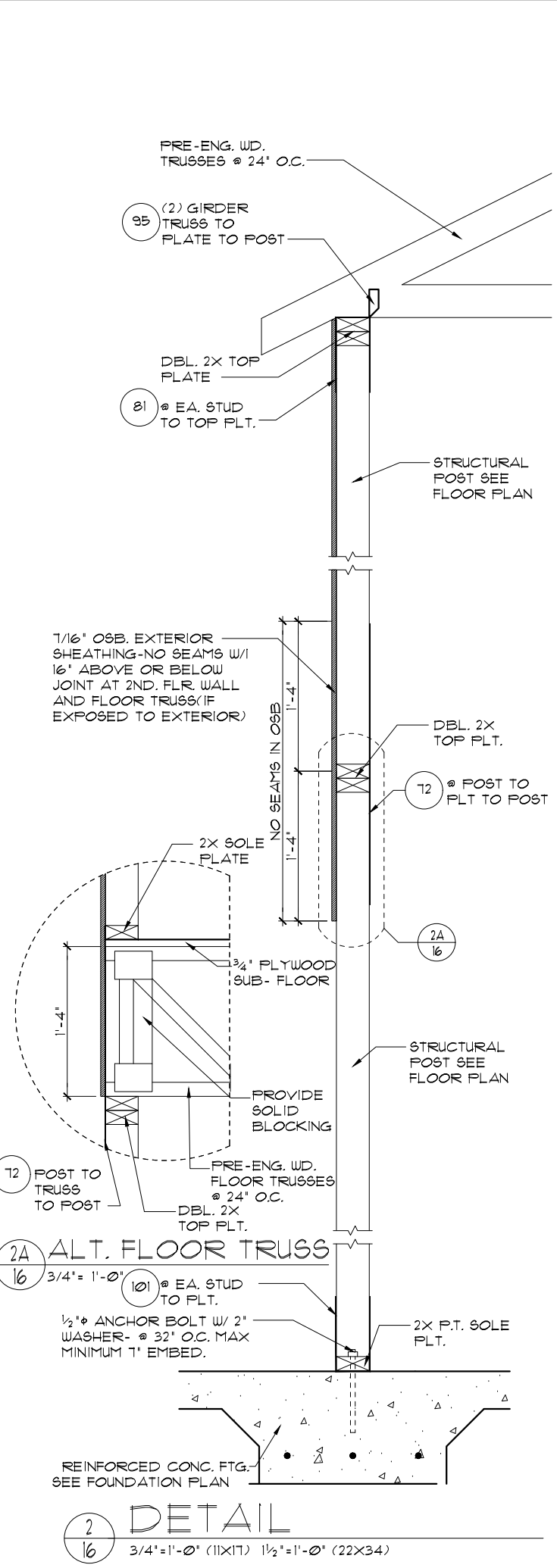
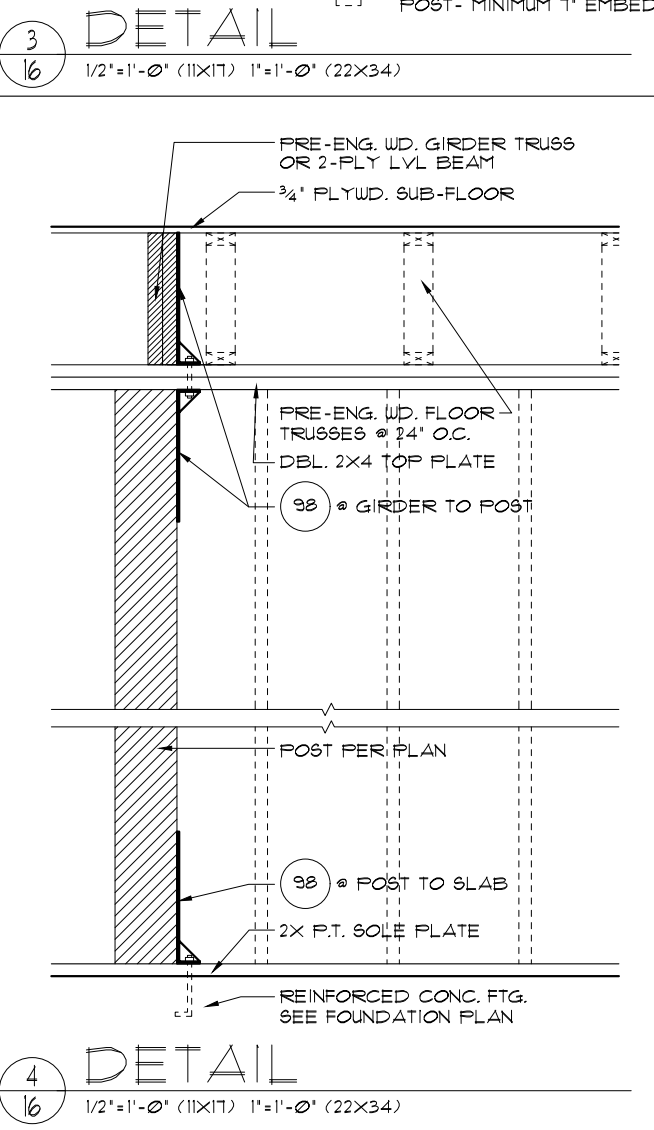
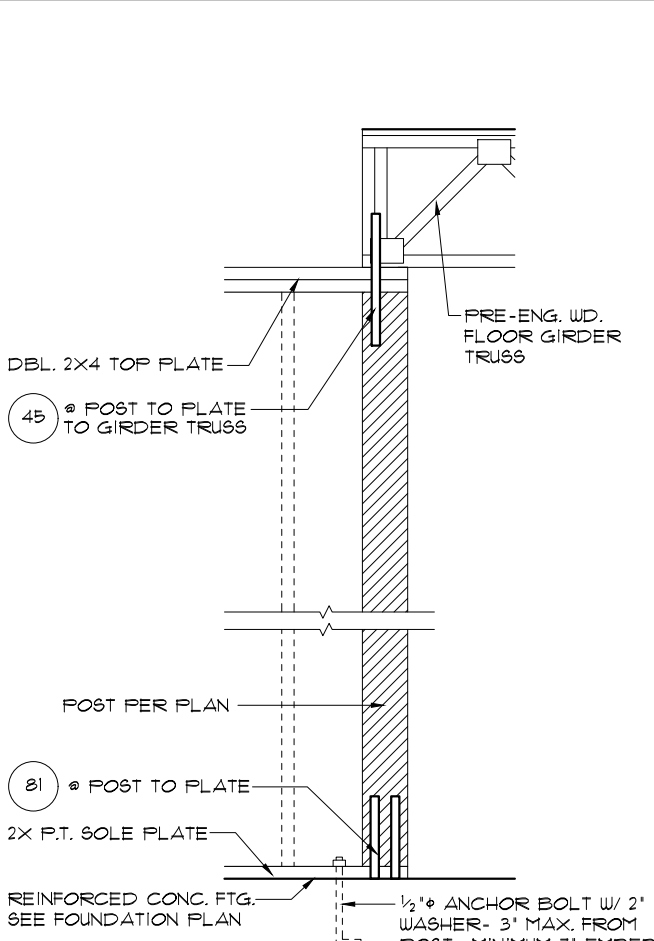
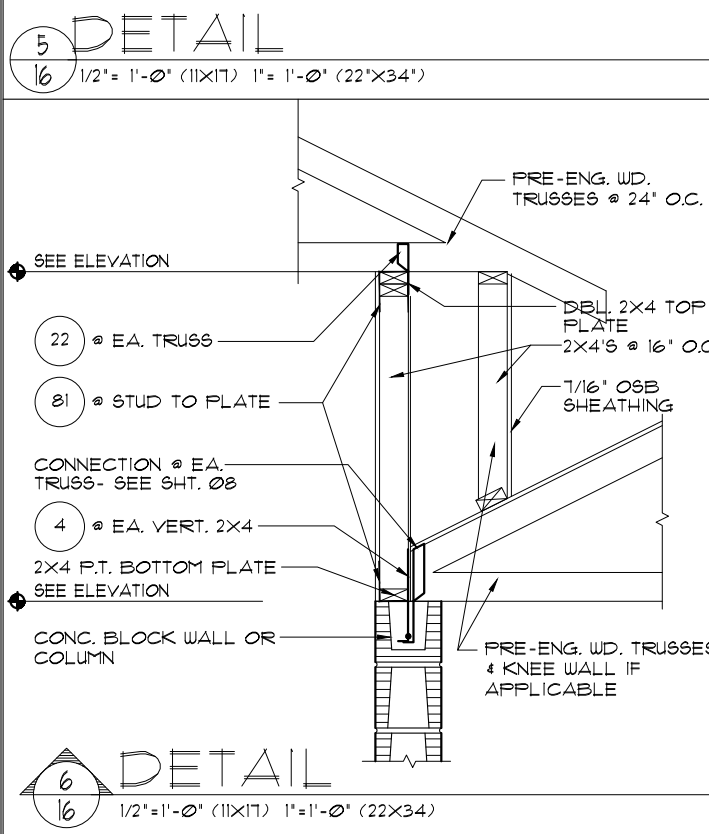
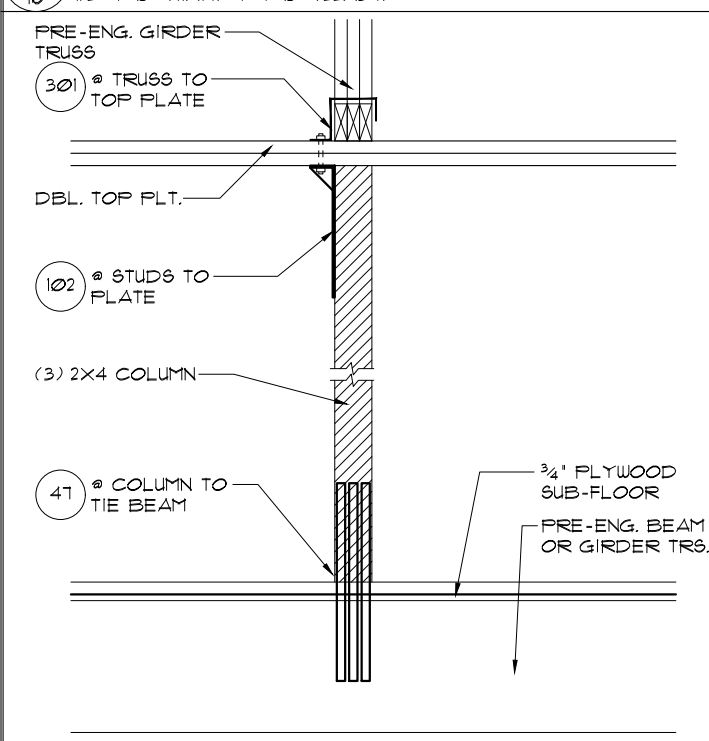
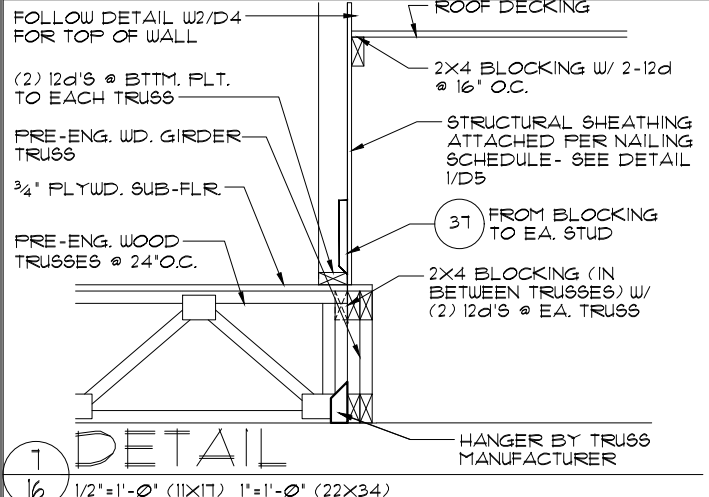
Engineering By:
 DBE and C
 MICHAEL A. THOMPSON
 PE 47509
 PHONE 407-721-2292

A DIVISION OF PARK SQUARE ENTERPRISES, INC.
 5200 Vlneland Road, Suite 200
 Orlando, Florida, 32818
 Phone: (407) 528 - 3000

TYPICAL DETAILS / CONNECTOR SCHEDULE

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SEACOAST II PARADISO GRANDE		DATE	04-15-21
5619		SCALE	AS NOTED
16		DRAWN	RDC
OF SHEETS		JOB	5619

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

8' PRECAST & PRESTRESSED U-LINTELS

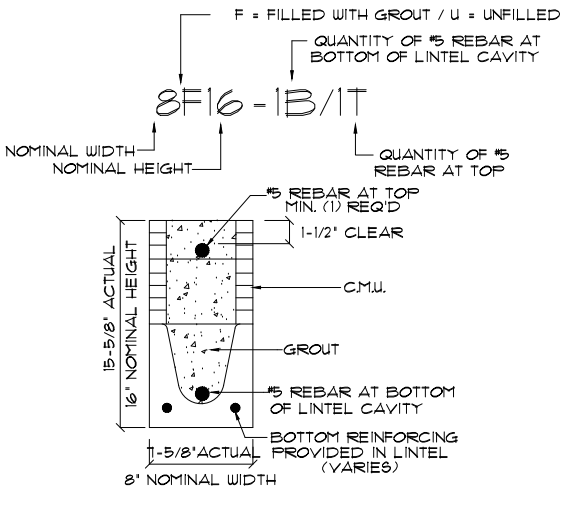
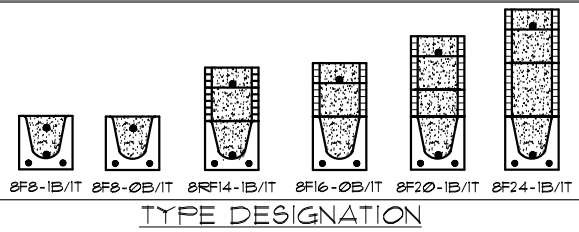
GRAVITY		TYPE									
LENGTH	TYPE	8F8	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B	8F36-0B	8F40-0B
2'-10" (34')	PRECAST	2302	3166	4413	6039	7526	9004	10472	11936	13400	14864
3'-6" (42')	PRECAST	2302	3166	4413	6039	7526	9004	10472	11936	13400	14864
4'-0" (48')	PRECAST	2029	2646	3413	4413	5413	6413	7413	8413	9413	10413
4'-6" (54')	PRECAST	1651	2166	2813	3413	4013	4613	5213	5813	6413	7013
5'-4" (64')	PRECAST	1184	1566	2013	2413	2813	3213	3613	4013	4413	4813
5'-10" (70')	PRECAST	912	1196	1513	1813	2113	2413	2713	3013	3313	3613
6'-6" (78')	PRECAST	631	816	1013	1213	1413	1613	1813	2013	2213	2413
7'-6" (90')	PRECAST	461	586	713	838	963	1088	1213	1338	1463	1588
9'-4" (112')	PRECAST	273	346	419	492	565	638	711	784	857	930
10'-6" (126')	PRECAST	196	246	296	346	396	446	496	546	596	646
11'-4" (136')	PRECAST	148	186	224	262	300	338	376	414	452	490
12'-0" (144')	PRECAST	112	140	168	196	224	252	280	308	336	364
13'-4" (160')	PRECAST	80	100	120	140	160	180	200	220	240	260
14'-0" (176')	PRECAST	60	75	90	105	120	135	150	165	180	195
15'-4" (184')	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
17'-4" (208')	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
19'-4" (232')	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
21'-4" (256')	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
22'-0" (264')	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
24'-0" (288')	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.

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

GRAVITY		TYPE									
LENGTH	TYPE	8R16	8R16-0B	8R20-0B	8R24-0B	8R28-0B	8R32-0B	8R36-0B	8R40-0B	8R44-0B	8R48-0B
4'-4" (52')	PRECAST	1498	1911	2324	2737	3150	3563	3976	4389	4802	5215
4'-6" (54')	PRECAST	1351	1724	2100	2475	2850	3225	3600	3975	4350	4725
5'-8" (68')	PRECAST	785	1008	1231	1454	1677	1900	2123	2346	2569	2792
5'-10" (70')	PRECAST	735	958	1181	1404	1627	1850	2073	2296	2519	2742
6'-8" (80')	PRECAST	622	811	1000	1189	1378	1567	1756	1945	2134	2323
7'-6" (90')	PRECAST	665	834	1003	1172	1341	1510	1679	1848	2017	2186
9'-8" (116')	PRECAST	311	398	485	572	659	746	833	920	1007	1094

8' PRECAST & PRESTRESSED U-LINTELS

GRAVITY		TYPE									
LENGTH	TYPE	8F8-IT	8F8-2T	8F12-IT	8F12-2T	8F16-IT	8F16-2T	8F20-IT	8F20-2T	8F24-IT	8F24-2T
2'-10" (34')	PRECAST	2721	2879	3037	3195	3353	3511	3669	3827	3985	4143
3'-6" (42')	PRECAST	2165	2283	2401	2519	2637	2755	2873	2991	3109	3227
4'-0" (48')	PRECAST	1678	1796	1914	2032	2150	2268	2386	2504	2622	2740
4'-6" (54')	PRECAST	1660	1778	1896	2014	2132	2250	2368	2486	2604	2722
5'-4" (64')	PRECAST	1393	1484	1575	1666	1757	1848	1939	2030	2121	2212
5'-10" (70')	PRECAST	1272	1351	1430	1509	1588	1667	1746	1825	1904	1983
6'-6" (78')	PRECAST	1141	1182	1223	1264	1305	1346	1387	1428	1469	1510
7'-6" (90')	PRECAST	959	992	1025	1058	1091	1124	1157	1190	1223	1256
9'-4" (112')	PRECAST	801	815	829	843	857	871	885	899	913	927
10'-6" (126')	PRECAST	716	716	716	716	716	716	716	716	716	716
11'-4" (136')	PRECAST	666	666	666	666	666	666	666	666	666	666
12'-0" (144')	PRECAST	607	607	607	607	607	607	607	607	607	607
13'-4" (160')	PRECAST	500	500	500	500	500	500	500	500	500	500
14'-0" (176')	PRECAST	458	458	458	458	458	458	458	458	458	458
15'-4" (184')	PRESTRESSED	243	243	243	243	243	243	243	243	243	243
17'-4" (208')	PRESTRESSED	188	188	188	188	188	188	188	188	188	188
19'-4" (232')	PRESTRESSED	166	166	166	166	166	166	166	166	166	166
21'-4" (256')	PRESTRESSED	145	145	145	145	145	145	145	145	145	145
22'-0" (264')	PRESTRESSED	142	142	142	142	142	142	142	142	142	142
24'-0" (288')	PRESTRESSED	127	127	127	127	127	127	127	127	127	127



MATERIALS

- f/c precast lintels = 3500 psi.
- f/c prestressed lintels = 6000 psi.
- f/c grout = 3000 psi w/ maximum 3/8" aggregate.
- Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
- Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
- Prestressing strand per ASTM A416 grade 270 low relaxation.

GENERAL NOTES

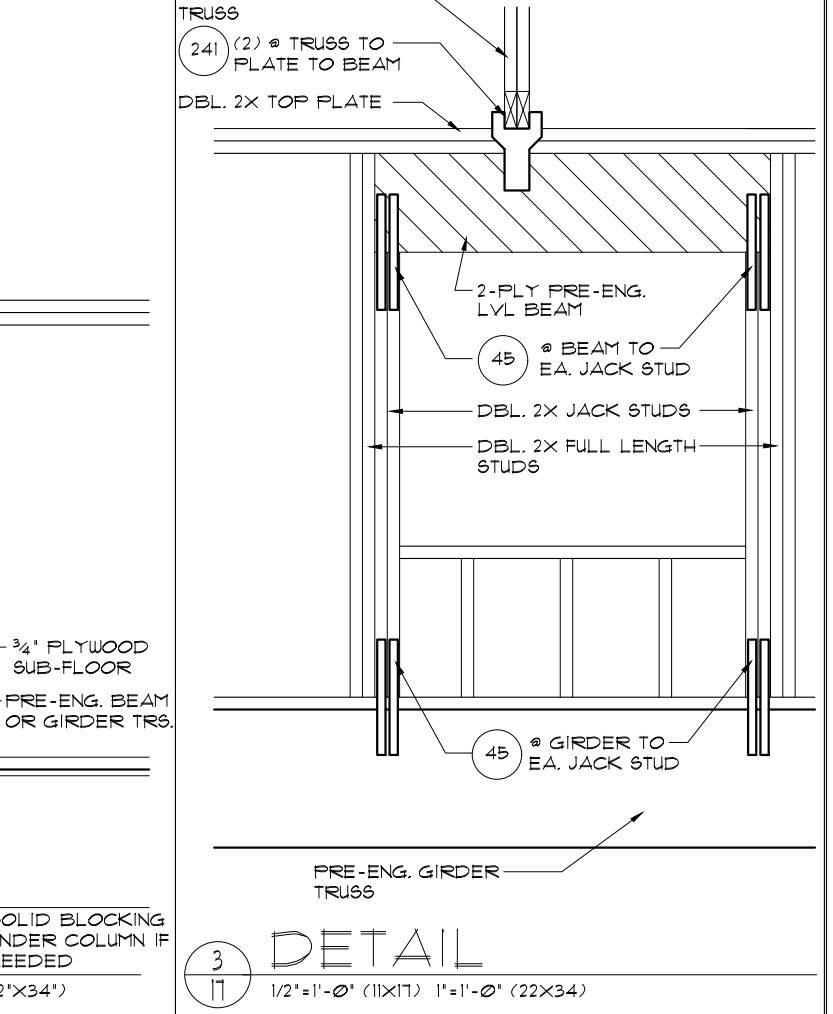
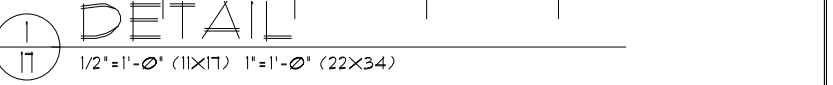
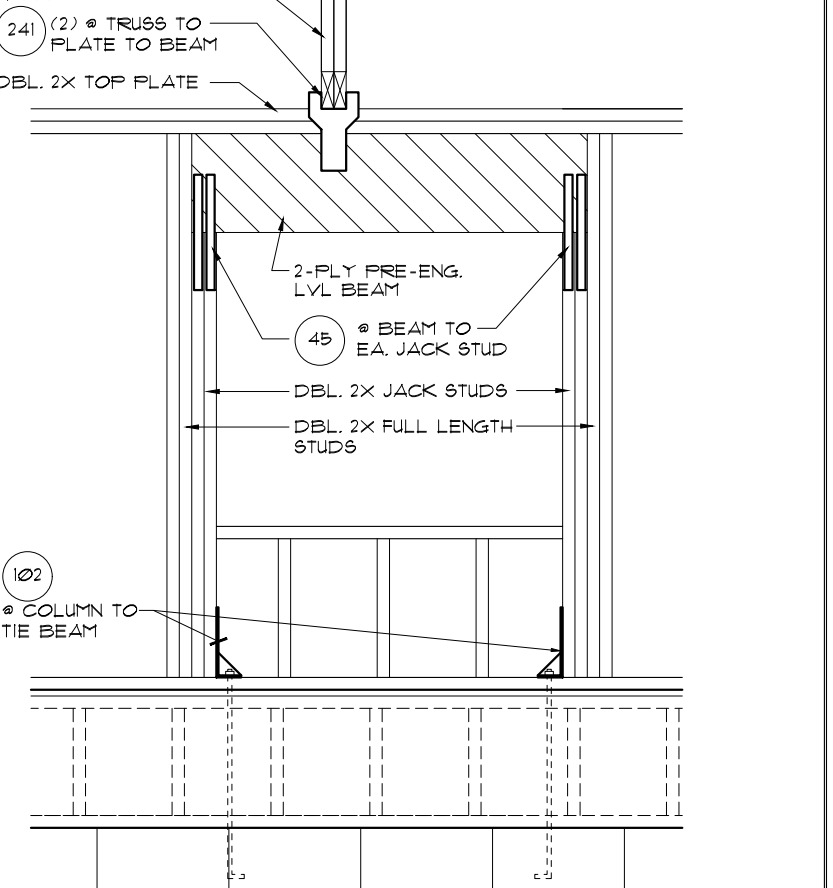
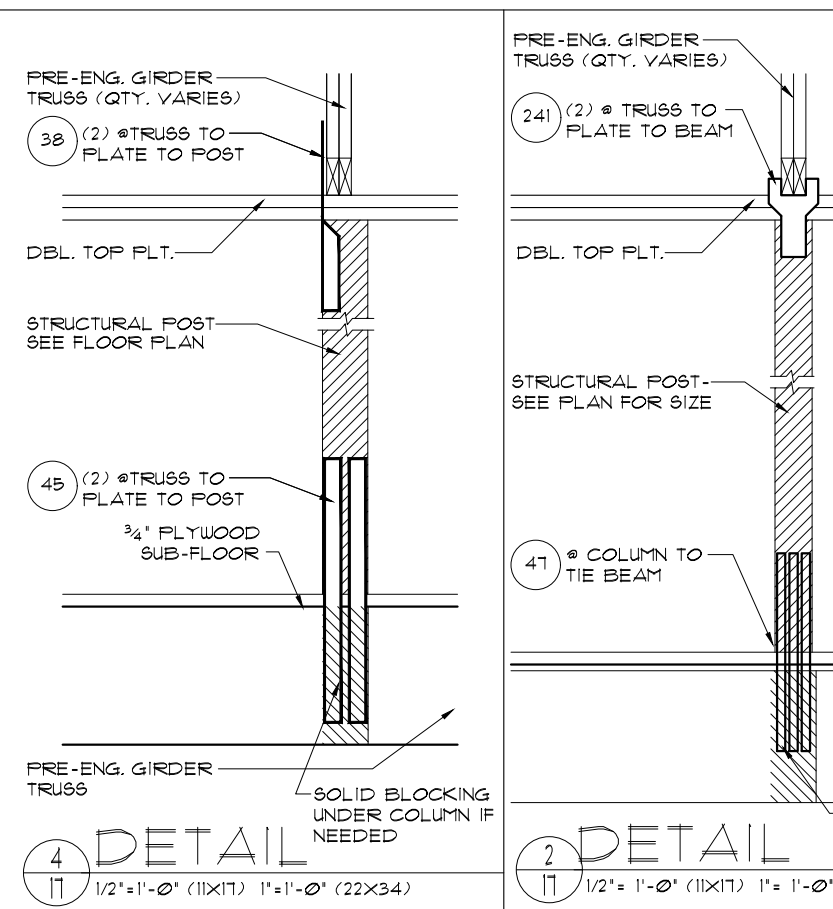
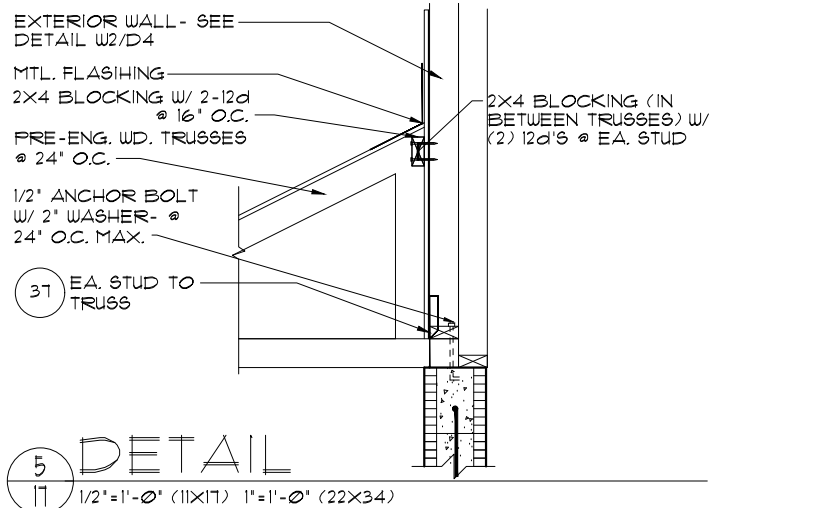
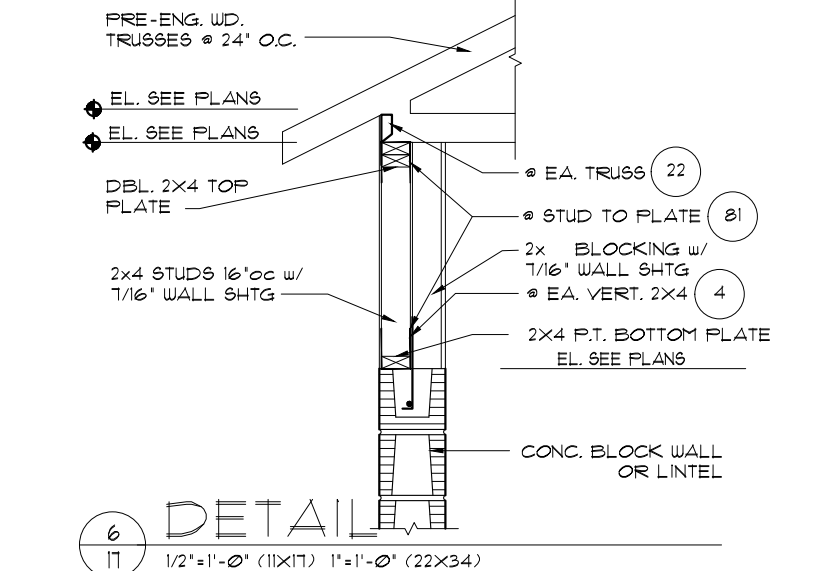
- Provide full mortar head and bed joints.
- Shore filled lintels as required.
- Installation of lintel must comply with the architectural and/or structural drawings.
- Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
- All lintels meet or exceed L/360 vertical deflection, except lintels 17'-4" and longer with a nominal height of 8' meet or exceed L/180.
- Bottom field added rebar to be located at the bottom of the lintel cavity.
- 1/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
- Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
- Safe load ratings based on rational design analysis per ACI 318 and ACI 532.

SAFE LOAD TABLE NOTES

- 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.
- N.R. = Not Rated.
- Safe loads are total superimposed allowable load on the section specified.
- Safe loads based on grade 40 or grade 60 field rebar.
- Additional lateral load capacity can be obtained by the designer by providing additional reinforced masonry above the precast lintel.
- One #7 rebar may be substituted for two #5 rebars in 8' lintels only.
- The designer may evaluate concentrated loads from the safe load tables by calculating the maximum resisting moment and shear at α -away from the face of support.
- For composite lintel heights not shown, use safe load from next lower height.
- All safe loads in units of pounds per linear foot.

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

GRAVITY		TYPE									
LENGTH	TYPE	8R16-IT	8R16-2T	8R20-IT	8R20-2T	8R24-IT	8R24-2T	8R28-IT	8R28-2T	8R32-IT	8R32-2T
4'-4" (52')	PRECAST	1244	1513	1782	2051	2320	2589	2858	3127	3396	3665
4'-6" (54')	PRECAST	1192	1461	1730	2000	2269	2538	2807	3076	3345	3614
5'-8" (68')	PRECAST	824	1032	1240	1448	1656	1864	2072	2280	2488	2696
5'-10" (70')	PRECAST	896	1099	1302	1505	1708	1911	2114	2317	2520	2723
6'-8" (80')	PRECAST	718	882	1046	1210	1374	1538	1702	1866	2030	2194
7'-6" (90')	PRECAST	688	849	1010	1171	1332	1493	1654	1815	1976	2137
9'-8" (116')	PRECAST	533	657	781	905	1029	1153	1277	1401	1525	1649



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

LOT: 0000, PARADISO GRANDE
SEACOAST II
PRE CAST LINTEL DATA / STRUCTURAL DETAILS

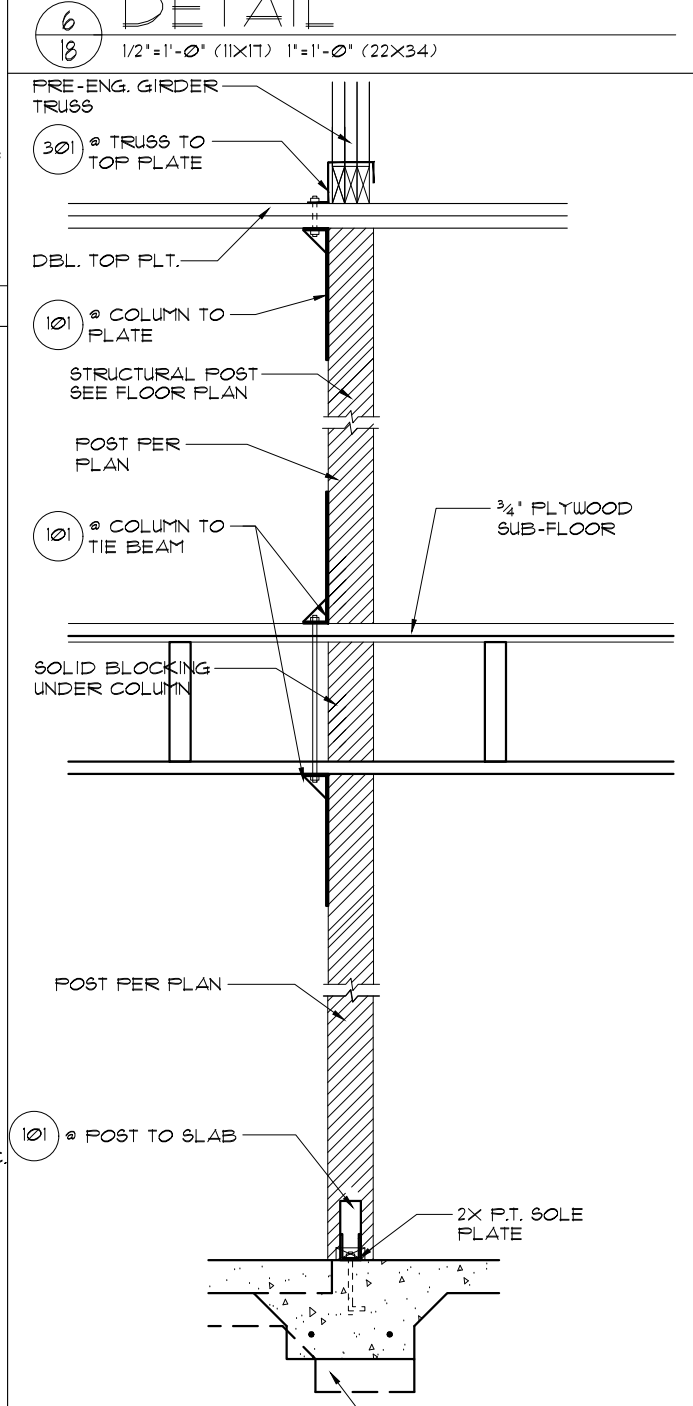
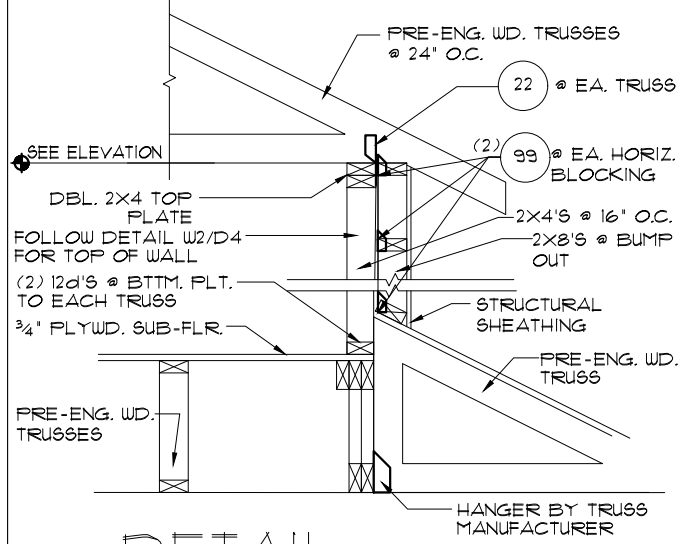
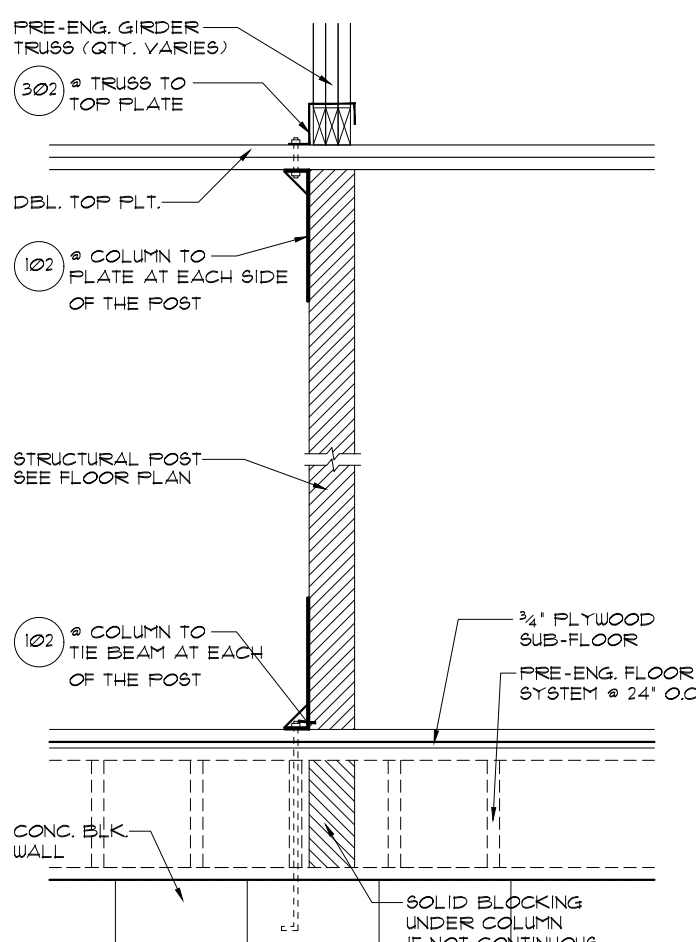
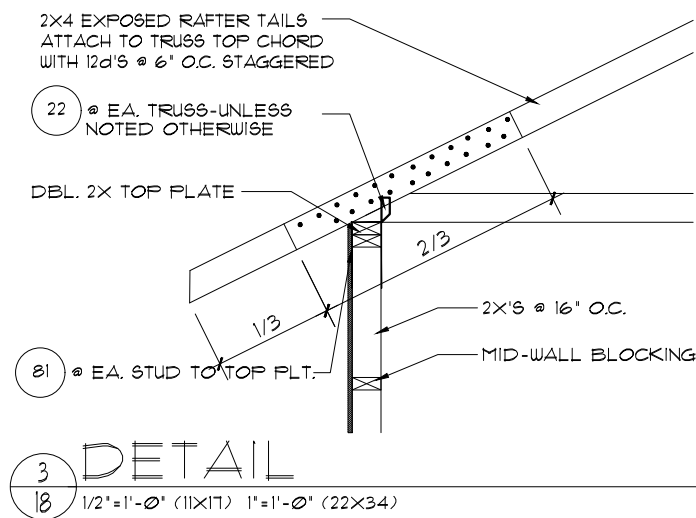
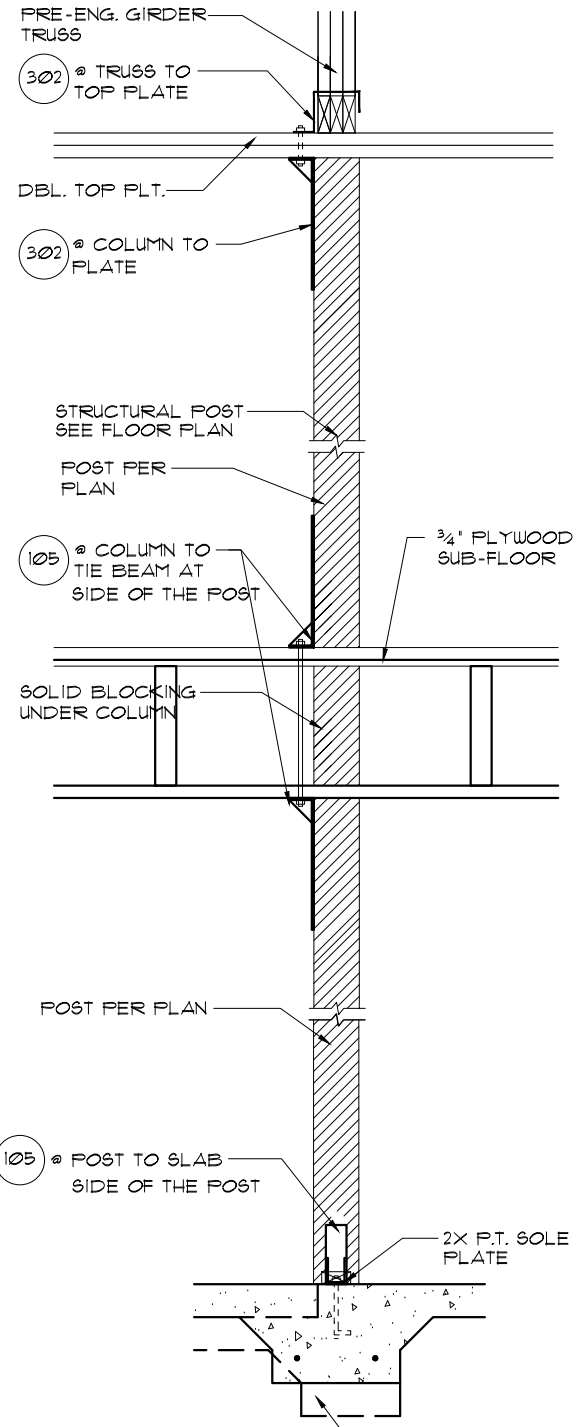
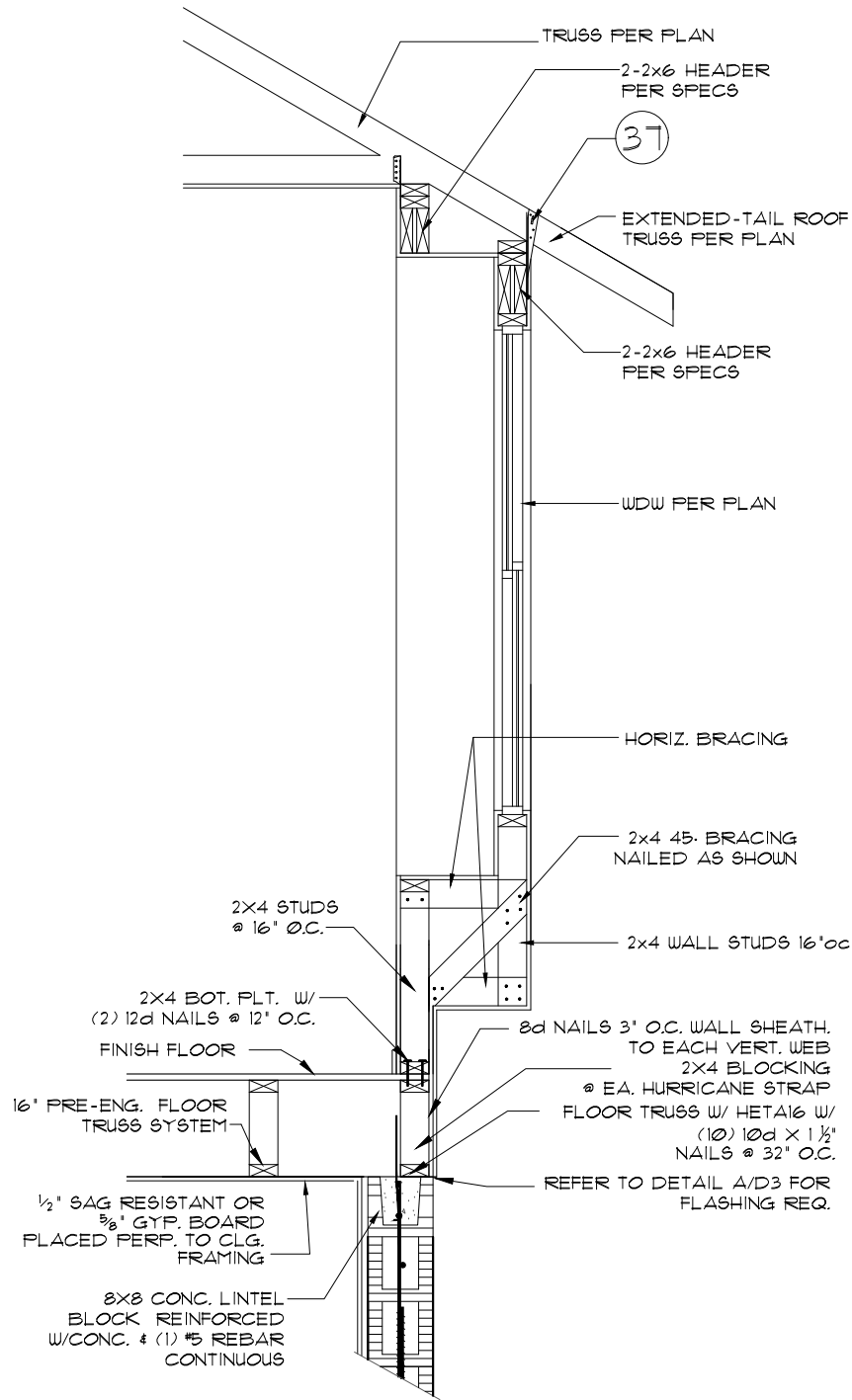
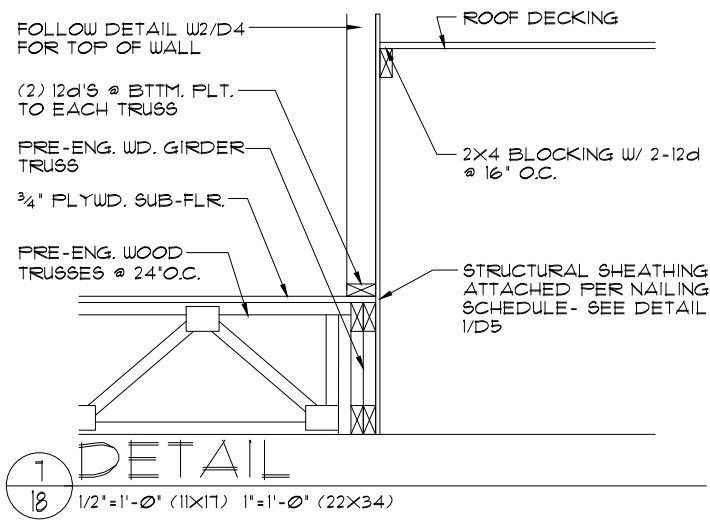
PARADISO GRANDE
Engineering By:
DIBE and C
MICHAEL A THOMPSON
PE 47509
PHONE 407-721-2292

REVISIONS	BY

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

5619

DATE 04-15-21
SCALE AS NOTED
DRAWN RDC
JOB 5619
SHEET 17 OF SHEETS



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

LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

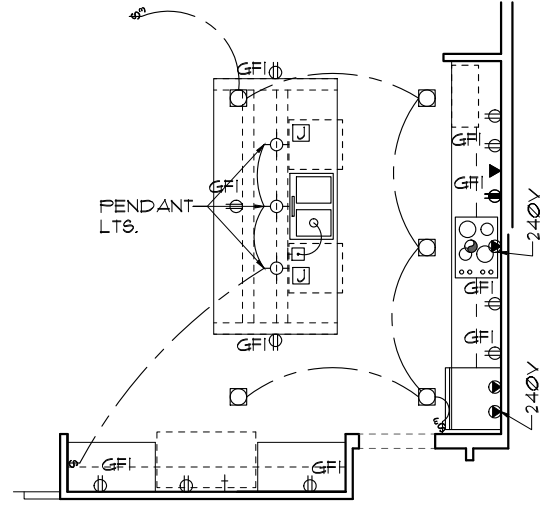
A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineland Road, Suite 200
Orlando, Florida, 32811
Phone: (407) 529 - 3000

Park Square Homes

PRE CAST LINTEL DATA / STRUCTURAL DETAILS

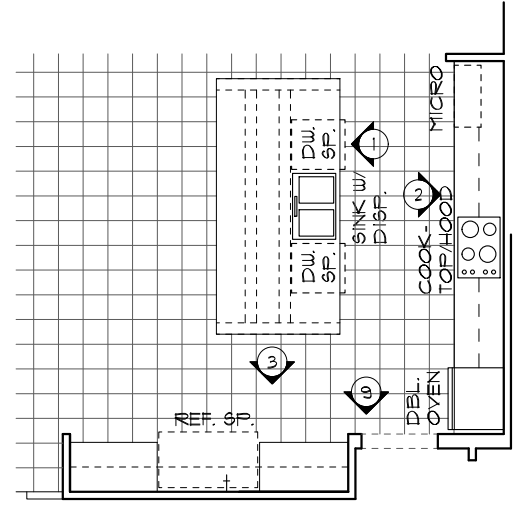
REVISIONS	BY

Engineering By: DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292
SEACOAST II PARADISO GRANDE
5619
DATE 04-15-21
SCALE AS NOTED
DRAWN RDC
JOB 5619
SHEET 18
OF SHEETS



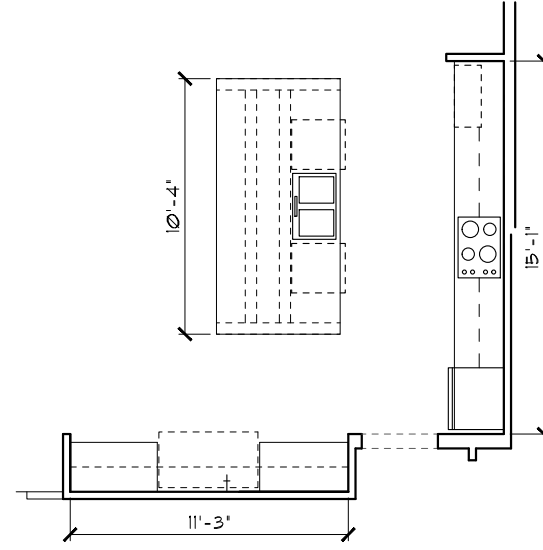
ELECTRICAL PLAN

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



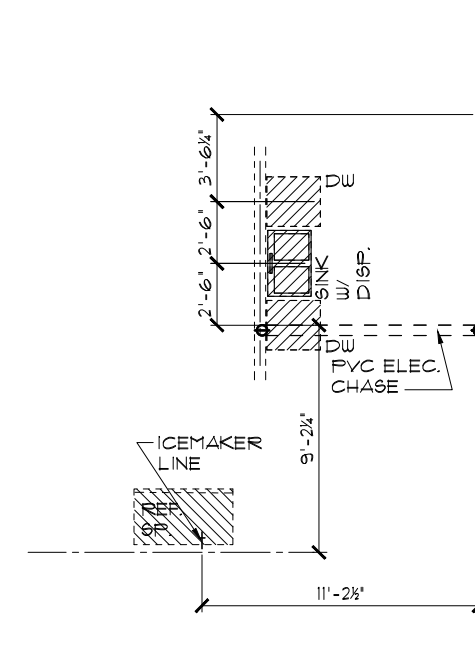
FLOOR PLAN W/ NOTES

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



FLOOR PLAN W/ DIMENSIONS

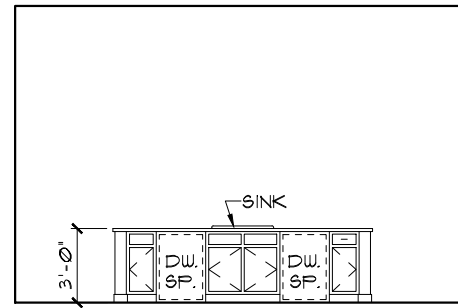
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



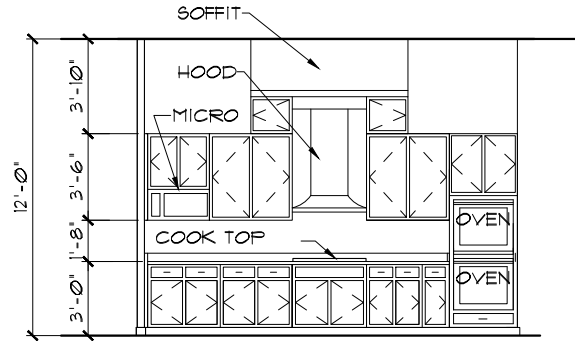
FOUNDATION PLAN

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

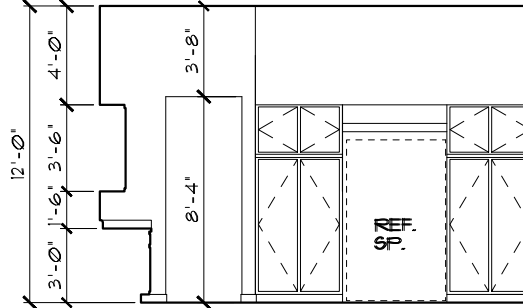
GOURMET OPTION I



1



2



3

3

INTERIOR ELEVATIONS

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

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LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vneland Road, Suite 200
Orlando, Florida, 32818
Phone: (407) 529 - 3000

Park Square HOMES

KITCHEN OPTION

SEACOAST II

PARADISO GRANDE

5619

DATE 04-15-21

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DRAWN RDC

JOB 5619

SHEET

19

OF SHEETS

REVISIONS

BY

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

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

Park Square HOMES

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19

OF SHEETS