

4232 (A,B,C)

REEF

PARADISO GRANDE

40' X 71'4

REVISION SCHEDULE			
NO.	DATE	DESCRIPTION	BY
②	04-09-21	-THESE PLANS CREATED USING 4219 SANTA ROSA PLANS DATED 03-04-21 PROVIDED BY PSH	DE
①	06-25-21	-REVISED 2ND FLOOR EXTERIOR FINISH FROM STUCCO TO SMOOTH PANEL BOARD	DH
		-REVISE ALL ARCH SOFFITS TO FLAT	
		-CODE UPDATED TO FBCR 2020, 11TH ED.	
		4 NEC 2017	
②	11-16-21	-INTERIOR DOORS CHANGED TO 6/8 ILO 8/0 1ST FLOOR ONLY	AN
		-WASHER & DRYER OPTIONAL	
③	06-20-23	-UPDATE FIRE ALARM PER BUILDER'S REQUEST	ZE
④	08/25/23	-ADD TILE TO MASTER CLOSETS	ZE
⑤	09/29/23	-DELETE INTERIOR DOOR HEIGHTS	ZE
⑥	02/19/24	- ADD ELECTRICAL UPDATES PER NL	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
D1	TYPICAL STRUCTURAL DETAILS
D2	TYPICAL STRUCTURAL DETAILS
D3	TYPICAL STRUCTURAL DETAILS
D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL DETAILS
D6	SOFFIT DETAILS

SHEET INDEX- ELEVATION "B"

00	COVER SHEET
01B.0	FOUNDATION PLAN
02B.0	FLOOR PLAN W/ DIMENSIONS
03B.0	FLOOR PLAN W/ NOTES
04B.0	UPPER FLOOR PLAN W/ DIMENSIONS
05B.0	UPPER FLOOR PLAN W/ NOTES
06B.0	EXTERIOR ELEVATIONS- FRONT/ REAR
07B.0	EXTERIOR ELEVATIONS- LEFT/ RIGHT
08	CROSS SECTION AND INTERIOR ELEVATIONS
09B.0	ELECTRICAL PLAN
10B.0	UPPER ELECTRICAL PLAN
11B.0	TRUSS LAYOUT
12B.0	UPPER TRUSS LAYOUT
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16	TYPICAL DETAILS
17	TYPICAL DETAILS
D1	TYPICAL STRUCTURAL DETAILS
D2	TYPICAL STRUCTURAL DETAILS
D3	TYPICAL STRUCTURAL DETAILS
D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL DETAILS
D6	SOFFIT DETAILS

SHEET INDEX- ELEVATION "C"

00	COVER SHEET
01C.0	FOUNDATION PLAN
02C.0	FLOOR PLAN W/ DIMENSIONS
03C.0	FLOOR PLAN W/ NOTES
04C.0	UPPER FLOOR PLAN W/ DIMENSIONS
05C.0	UPPER FLOOR PLAN W/ NOTES
06C.0	EXTERIOR ELEVATIONS- FRONT/ REAR
07C.0	EXTERIOR ELEVATIONS- LEFT/ RIGHT
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PARADISO GRANDE

LOT: 0000, PARADISO GRANDE

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

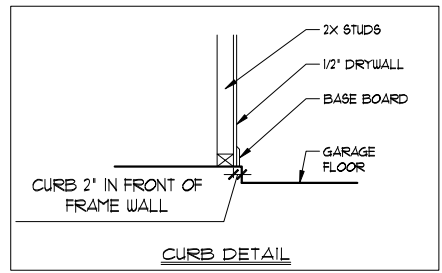
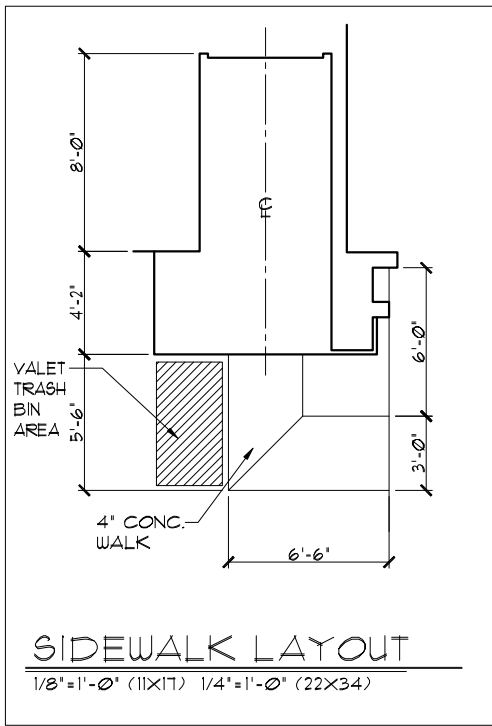
Park Square HOMES

COVER SHEET

DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 4232
SHEET 00
OF SHEETS

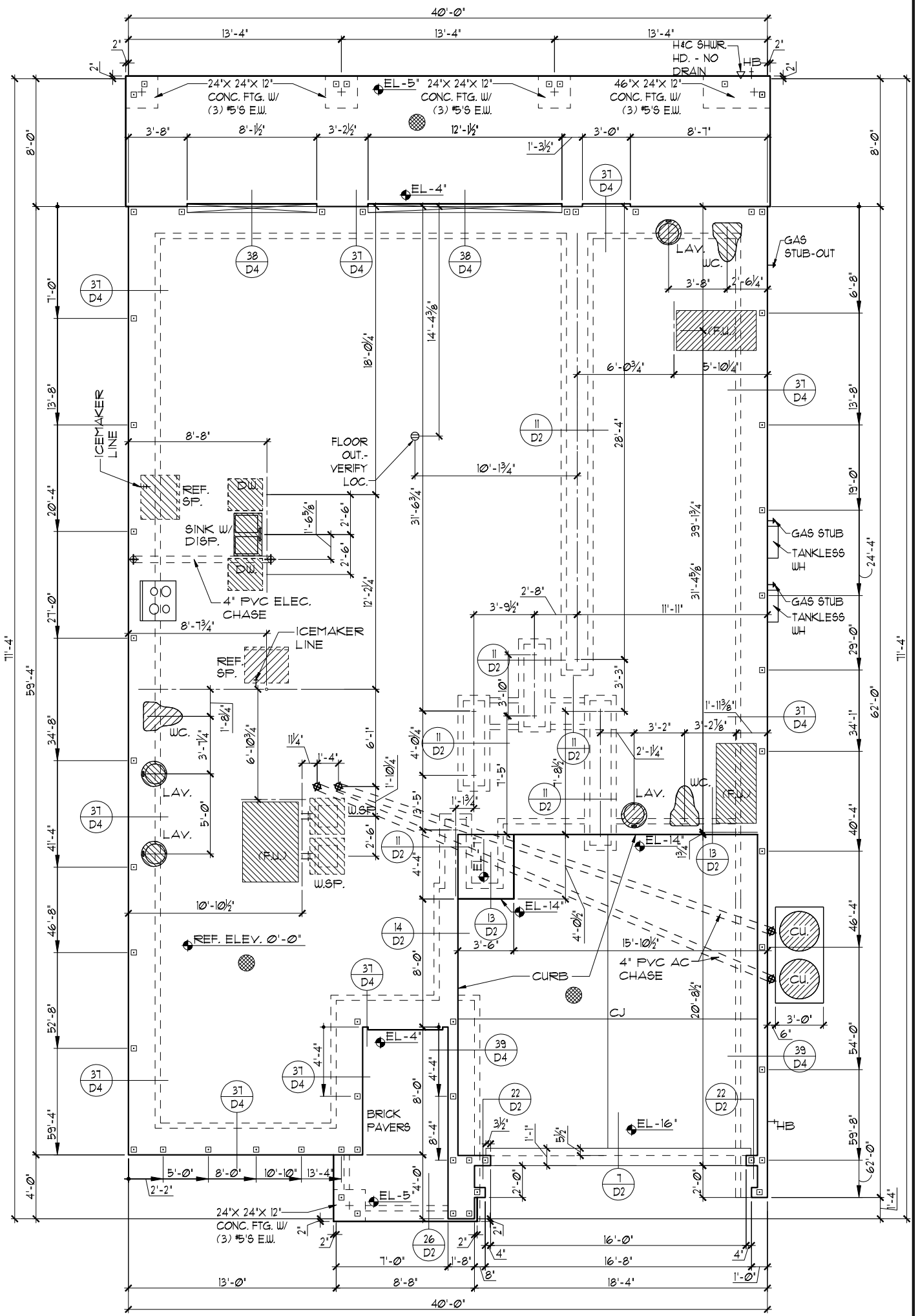
THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 11th EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

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- FOUNDATION NOTES**
- CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
 - DENOTES FILL CELL REINF. W/ CONC. W/ (1) #5 REBAR GRADE 60
 - DENOTES FILL CELL REINF. W/ CONC. W/ (2) #5 REBAR GRADE 60
 - DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
 - WATER HEATER T & P RELIEF VALVE SHALL BE FULL SIZE TO EXTERIOR WATER HEATER AT OR ABOVE FLOOR LEVEL SHALL BE IN A PAN WITH DRAIN TO EXTERIOR WATER HEATER SHALL HAVE APPROVED THERMAL EXPANSION DEVICE.
 - DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2500 P.S.I. 4" THICK WITH 6X6 10/10 GAUGE REINFORCING MAT. WITH MIN. 1" COVER TERMITE TREATED SOIL WITH 006mm (6 mil) POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL. WVF SHALL BE PLACED IN MIDDLE TO UPPER THIRD OF SLAB AND SUPPORTED ON APPROVED SLAB BOLSTERS. FIBER MESH REINFORCEMENT MAY BE USED AS ALTERNATIVE TO WIRE MESH.
 - PAVERS MAY BE USED I/O CONCRETE SLABS IN PATIO, PORCH, DRIVE AND WALKWAY AREAS. DELETE SLAB IN AREAS PAVERS ARE USED.
 - ⊗ STANDARD FOOTING
 - MECHANICAL EQUIP. LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
 - IN LIEU OF TREATING THE SOIL, AN ALTERNATIVE TO TERMITE TREATED SOIL CAN BE TERMICIDE.
 - BORA-CARE TO BE APPLIED ON INTERIOR WALLS IAW MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PURSUANT TO CH.482 FLORIDA BUILDING CODE.
 - TYP. TUB/SHUR. VALVE & DRAIN LOCATIONS
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FOUNDATION PLAN "A"
 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



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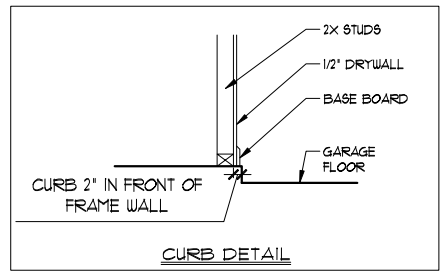
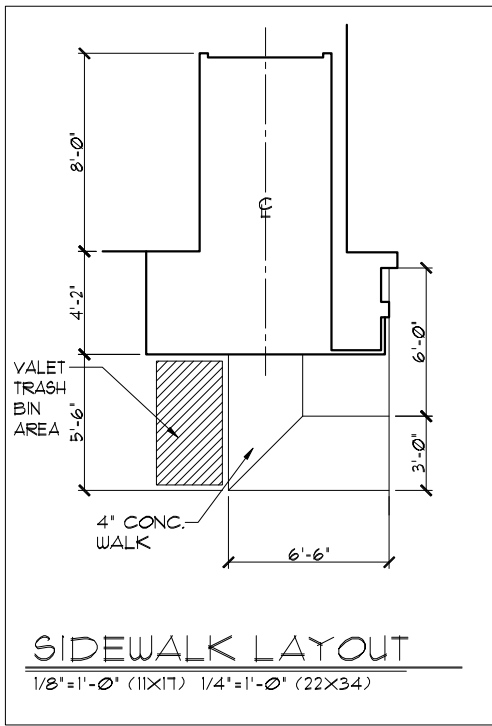
PARADISO GRANDE
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Engineering By:
 DBE and C
 MICHAEL A. THOMPSON
 PE 47509
 PHONE 407-721-2292

FOUNDATION PLAN

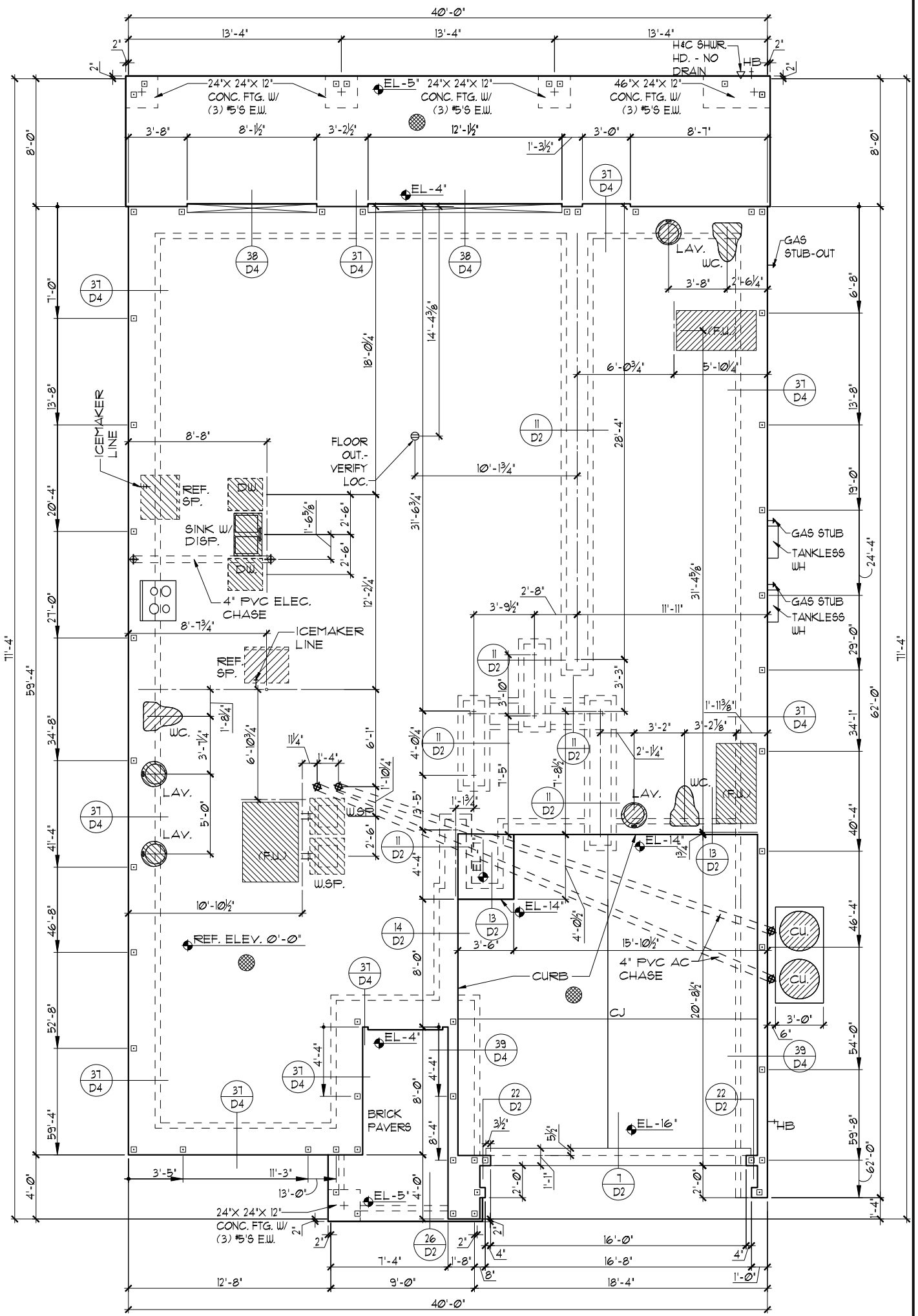
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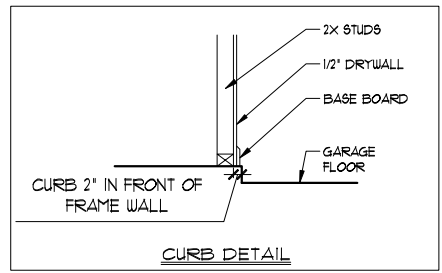
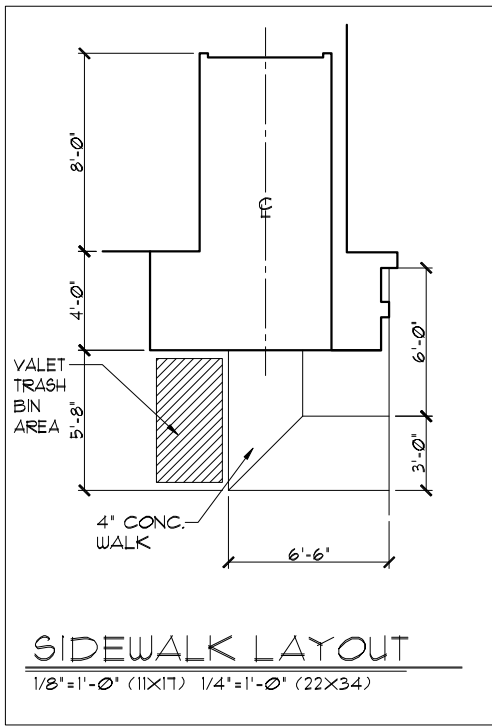
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Park Square HOMES

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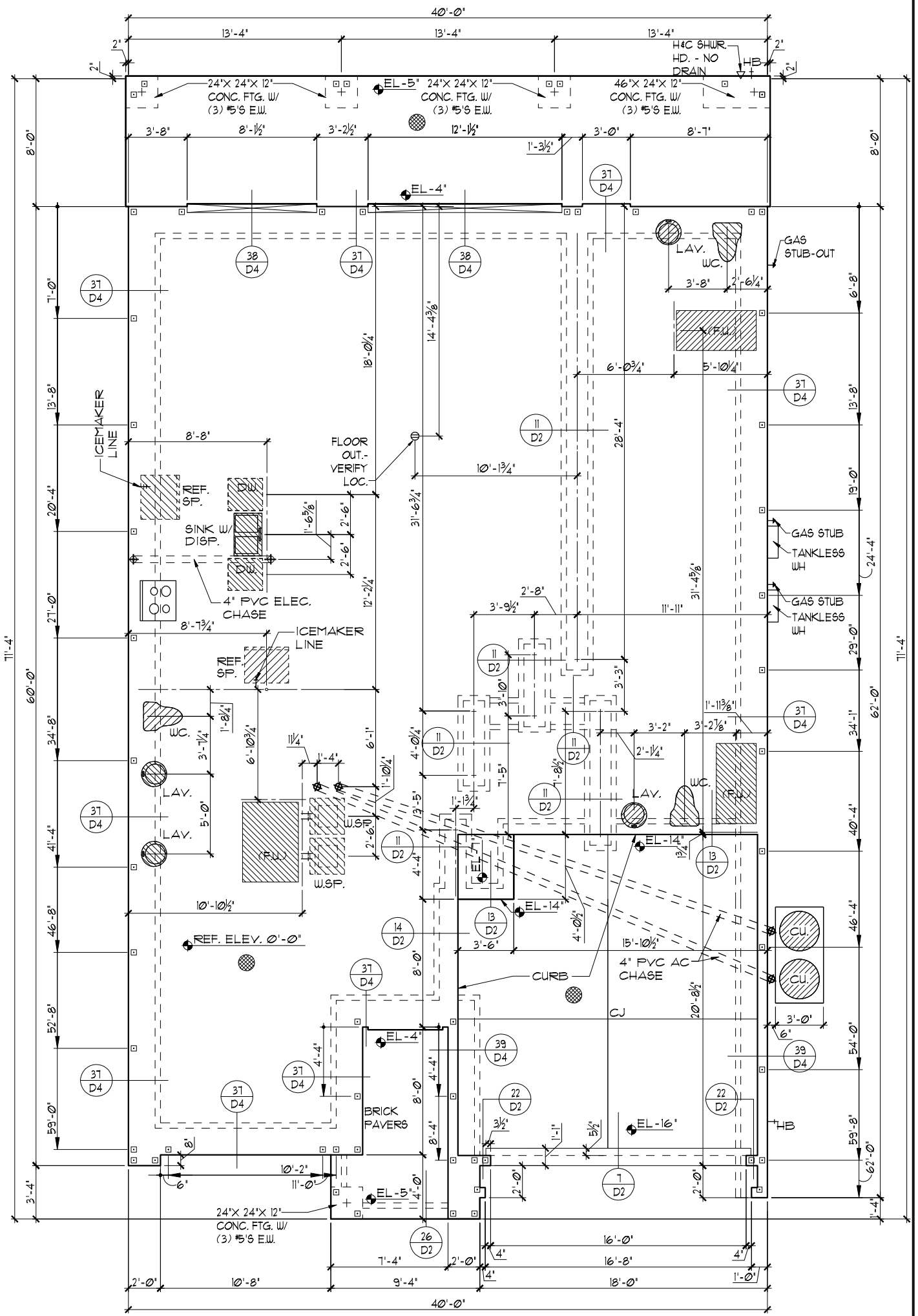
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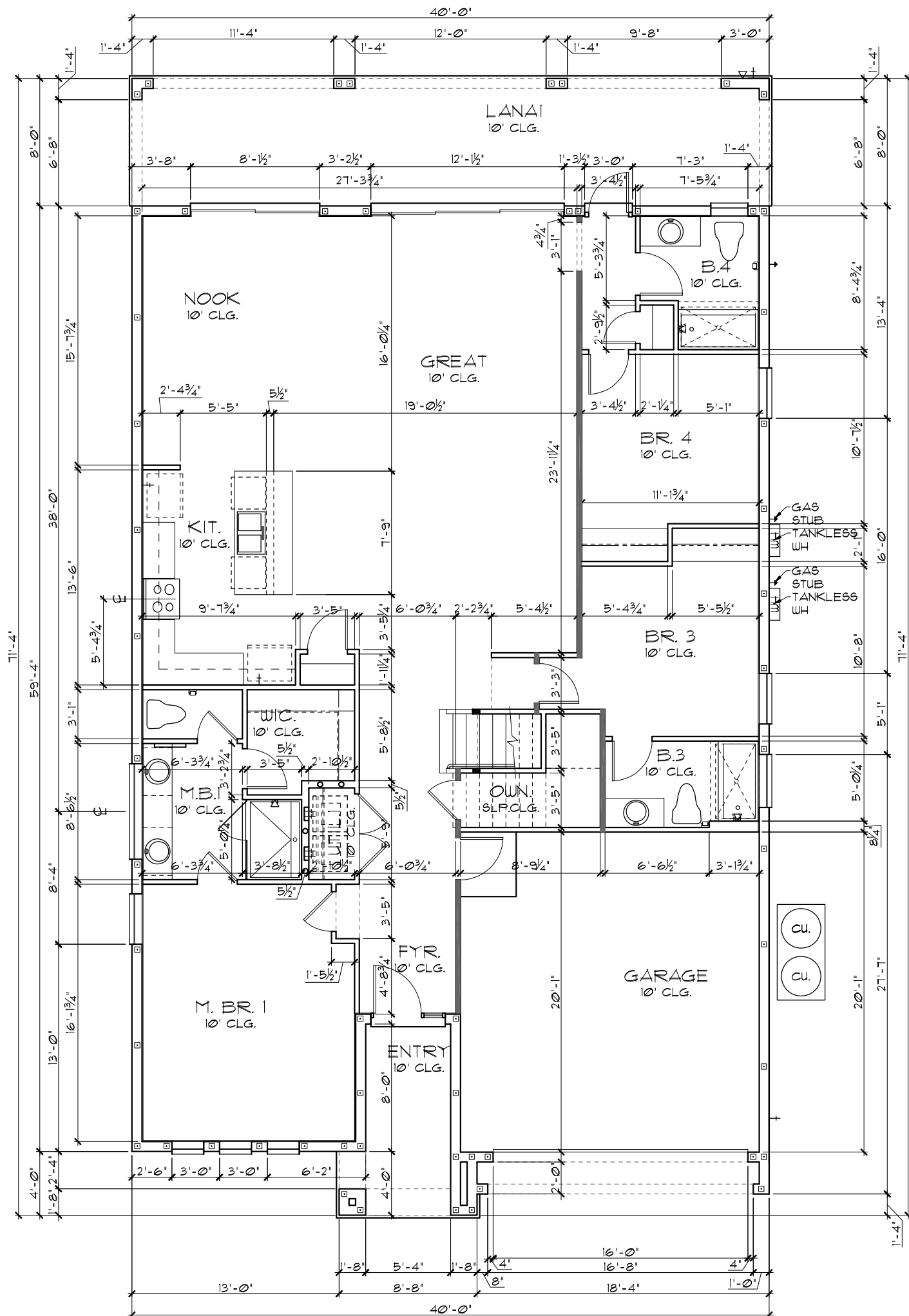
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 DRAWN RDC
 JOB 4232
 SHEET
01C.0
 OF 9 SHEETS

TABULATION	
UPPER LIVING	2,294 SF.
LOWER LIVING	1,938 SF.
TOTAL LIVING	4,232 SF.
GARAGE	407 SF.
ENTRY	113 SF.
LANAI	320 SF.
TOTAL UNDER ROOF	5,012 SF.

- GENERAL NOTES**
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FLOOR PLAN W/ DIMENSIONS "A"

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Park Square HOMES

PARADISO GRANDE

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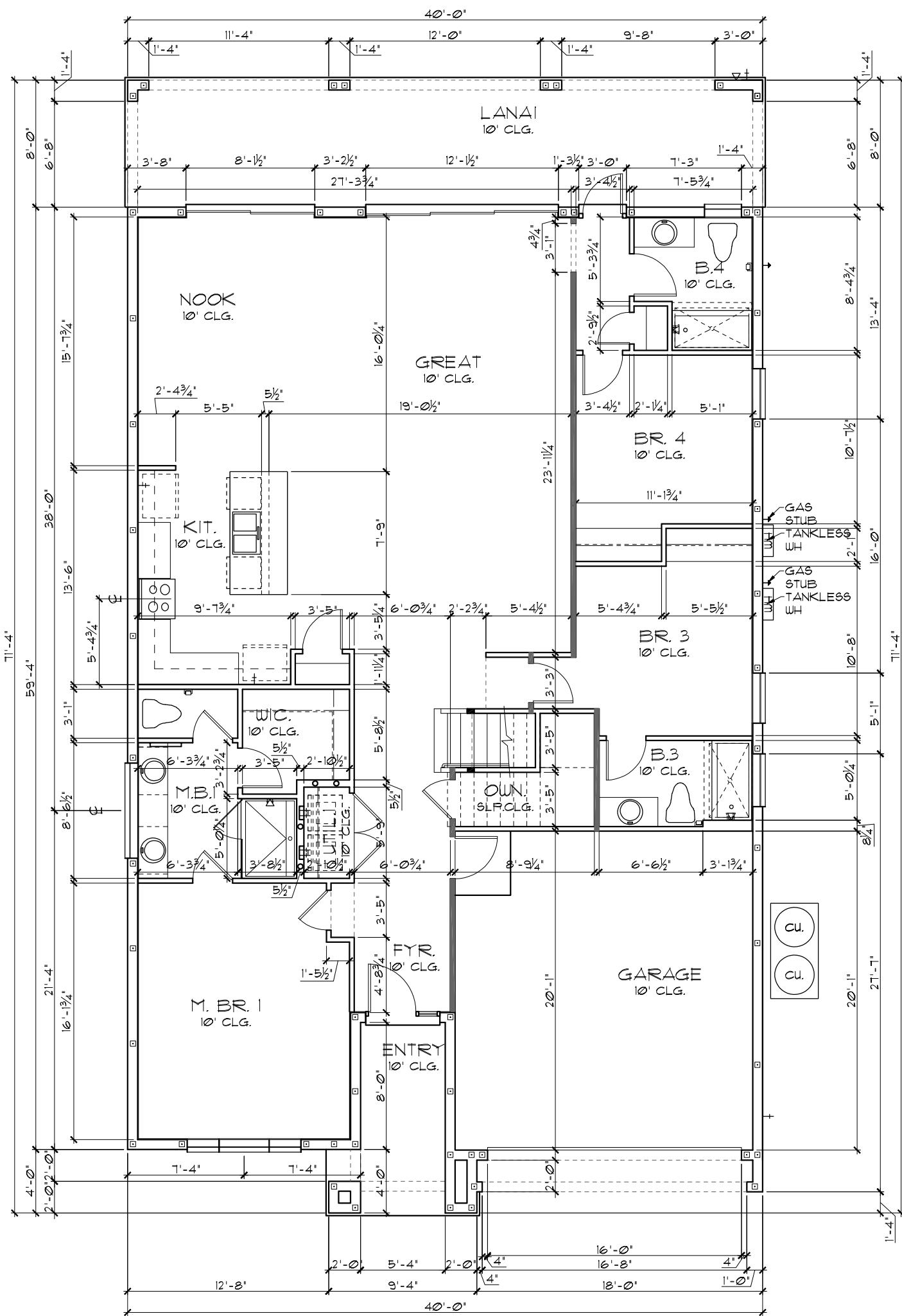
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REEF PARADISO GRANDE		4232 DATE 04-09-21	
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SHEET		SHEETS	
02B.0		02B.0	

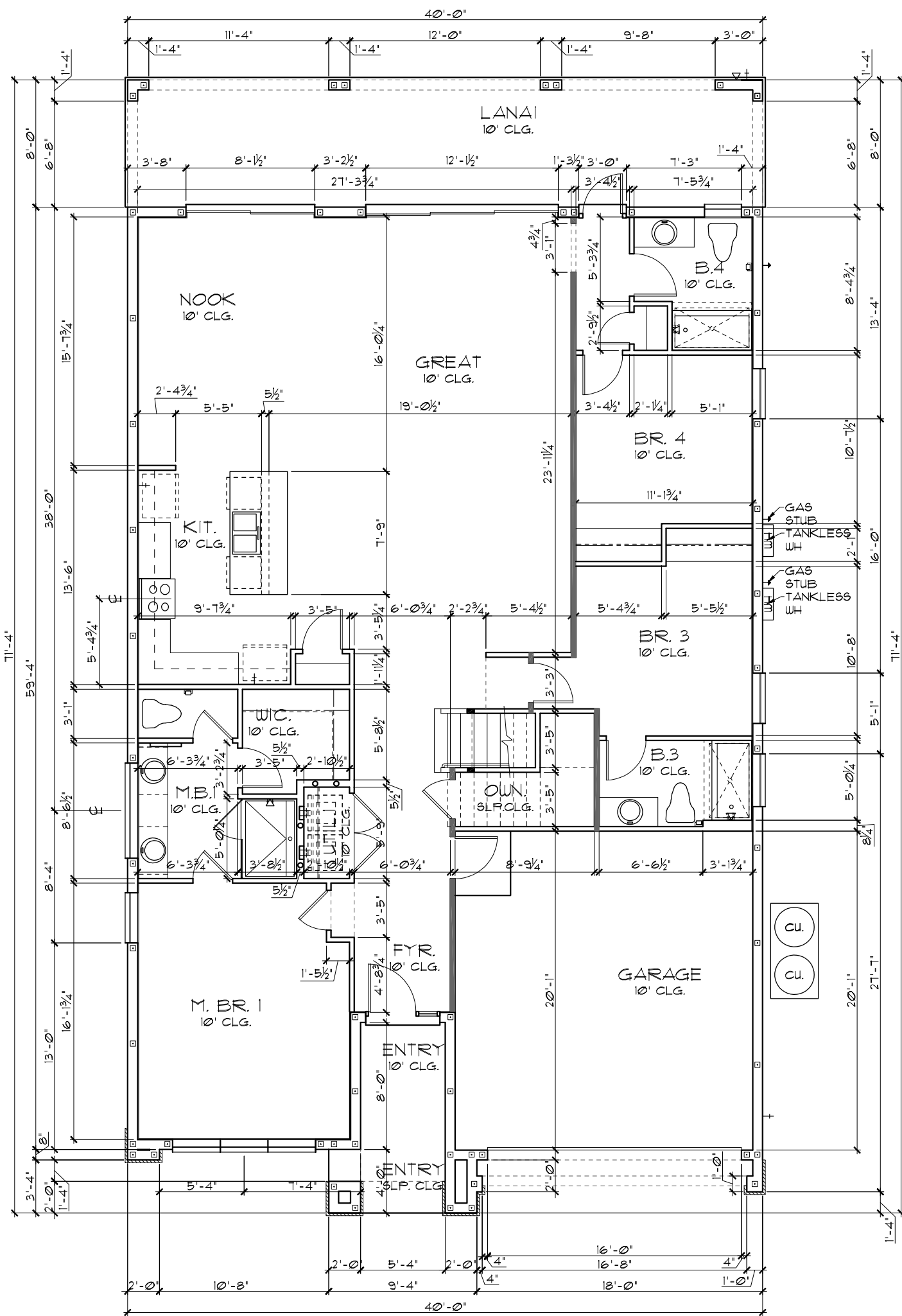
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REVISIONS	BY

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

DEAD LOADS

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

ROOF: 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
PASSENGER 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

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

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

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

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

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

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

EGRESS WINDOW SCHEDULE - R3102.1- FBCR2020

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

- ALL EMERGENCY ESCAPE WINDOW SILLS TO BE NOT MORE THAN 44" MIN. A.F.F. - R3102 - FBCR (2020)
- WINDOWS SILLS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

PER FBC R301- TABLE R301.5

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

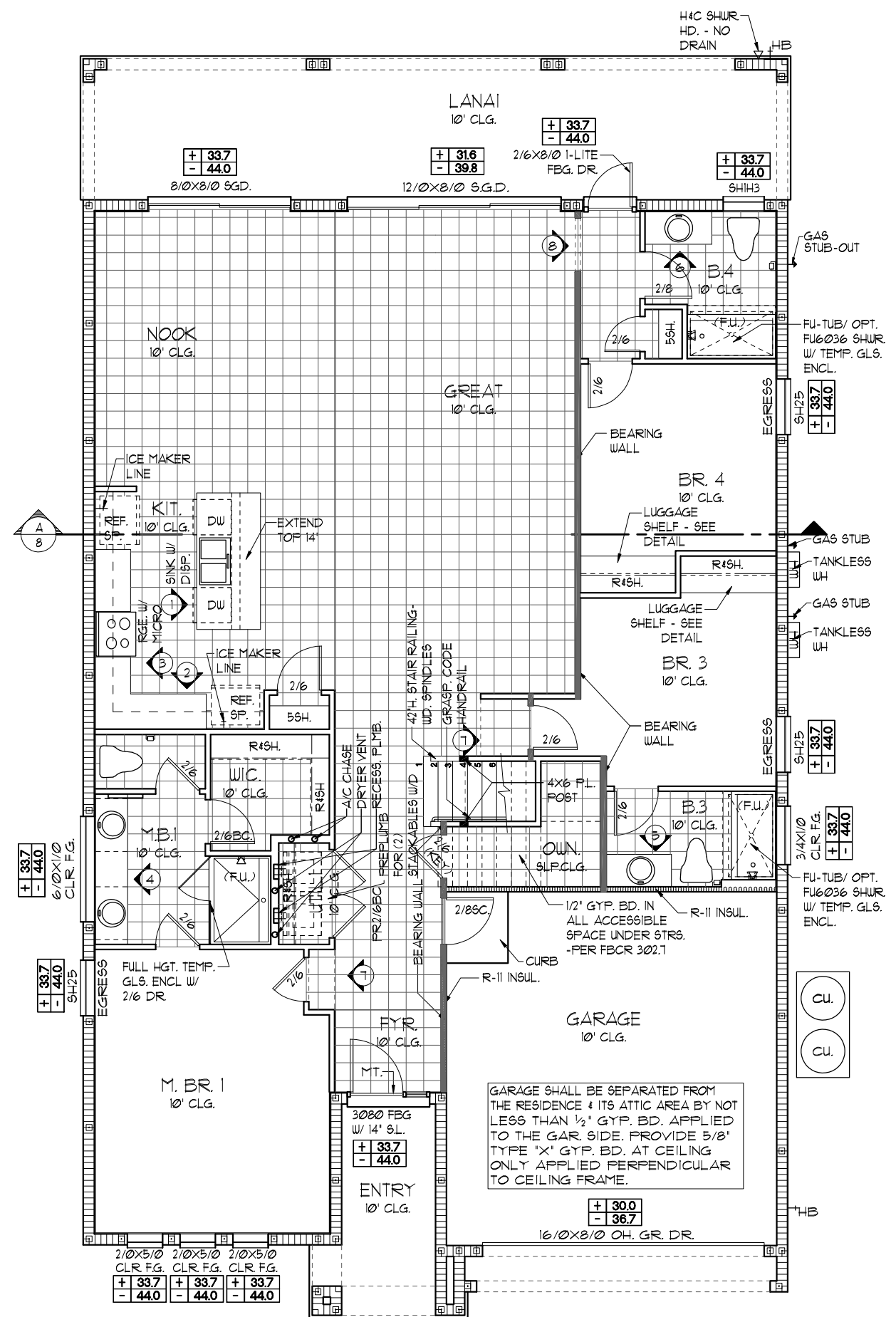
NOTE: TEMPERED GLAZING IS REQUIRED AT ALL HAZARDOUS LOCATIONS AS DEFINED IN FBC R308.4

PER FBC R301- TABLE R301.5

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

NOTE: HANDRAIL CONTINUITY PER R311.7.2.2. HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1/2" (38" MIN) BETWEEN THE WALL AND THE HANDRAIL.

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



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 000, PARADISO GRANDE
THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 17TH EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

PARADISO GRANDE

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Phone: (407) 529 - 3000

Park Square HOMES

FLOOR PLAN W/ NOTES

REEF
PARADISO GRANDE

4232
DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 4232
SHEET
03A.0
SHEETS

LOAD INFORMATION

PER 17TH EDITION, 2020 FLORIDA BUILDING
RESIDENTIAL CODE

DEAD LOADS	
FLOOR: STRUCTURE	1 PSF
CEILINGS	3 PSF
MECH/ELEC	5 PSF
PARTITIONS	5 PSF
TOTAL	20 PSF
ROOF: LIVE LOADS	
SHEATHING	5 PSF
STRUCTURE	1 PSF
CEILINGS	3 PSF
MECH/ELEC	5 PSF
TOTAL	20 PSF
FLOOR LIVE LOADS	
RESIDENTIAL FLOOR:	40 PSF
UNINHABITABLE ATTIC WITHOUT STORAGE:	10 PSF
UNINHABITABLE ATTIC W/LIMITED STORAGE:	20 PSF
ROOMS OTHER THAN SLEEPING ROOM:	40 PSF
SLEEPING ROOM:	30 PSF
STAIR LIVE LOAD:	40 PSF
BALCONIES:	40 PSF
PASSENGER VEHICLE GARAGE:	50 PSF

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

0-200	201-600	OVER 600
0.12 < 4:12	20	16
4:12 < 12:12	16	14
> 12:12	12	12

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

EGRESS WINDOW SCHEDULE - R3102.1- FBCR2020

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

NOTE:

- ALL EMERGENCY ESCAPE WINDOW SILLS TO BE NOT MORE THAN 44" MIN. AFF.- R3102 - FBCR (2020)
- WINDOWS SILLS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

PER FBC R301- TABLE R301.5	
GUARDRAILS & HANDRAILS	200 PSF
GUARDRAIL IN - FILL COMPONENTS	50 PSF
STAIRS	
	40 PSF

WIND INFORMATION

PER 17TH EDITION, 2020 FLORIDA BUILDING
RESIDENTIAL CODE

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

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

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

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

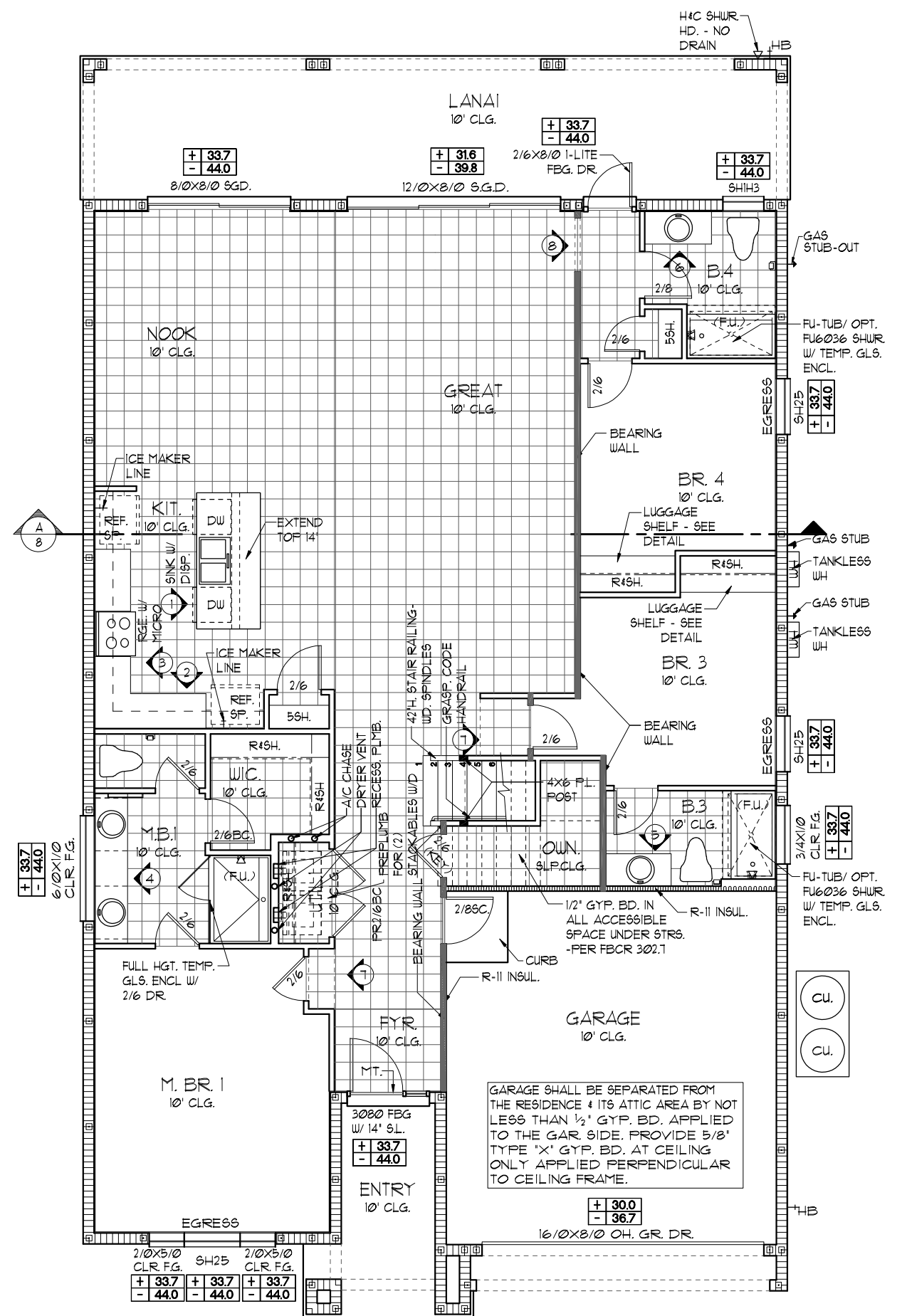
PER FBC R301- TABLE R301.5	
GUARDRAILS & HANDRAILS	200 PSF
GUARDRAIL IN - FILL COMPONENTS	50 PSF
PER FBC R312- R312.12 & R312.13 & R311.7.2.1	
GUARDRAILS HEIGHT	36" MIN.
HANDRAIL HEIGHT	34" MIN. TO 38" MAX.
GUARDRAIL OPENING LIMITATIONS	
	4" IN DIAMETER MAX.

NOTE: HANDRAIL CONTINUITY PER R311.7.2.2 - HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEUEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1 1/2" (38MM) BETWEEN THE WALL AND THE HANDRAIL.

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

FLOOR PLAN W/ NOTES "B"

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



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

PARADISO GRANDE

LOT: 000, PARADISO GRANDE

FLOOR PLAN W/ NOTES

REEF

PARADISO GRANDE

4232

PARADISO GRANDE

DATE	04-09-21
SCALE	AS NOTED
DRAWN	RDC
JOB	4232
SHEET	03B.0
OF SHEETS	03

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

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

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

DEAD LOADS

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

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

FLOOR LIVE LOADS

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

ROOF LIVE LOADS

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

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

EGRESS WINDOW SCHEDULE - R310.2.1- FBCR2020

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

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

PER FBC R301- TABLE R301.5

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

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

PER FBC R301- TABLE R301.5

GUARDRAILS & HANDRAILS	200 PSF
GUARDRAIL IN - FILL COMPONENTS	50 PSF
PER FBC R312- R312.12 & R312.13 & R311.7.8.1	
GUARDRAILS HEIGHT	36" MIN.
HANDRAIL HEIGHT	34" MIN. TO 38" MAX.
GUARDRAIL OPENING LIMITATIONS	4" IN DIAMETER MAX.

NOTE: HANDRAIL CONTINUITY PER R311.7.8.2. 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 NEEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1 1/2" (38MM) BETWEEN THE WALL AND THE HANDRAIL.

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

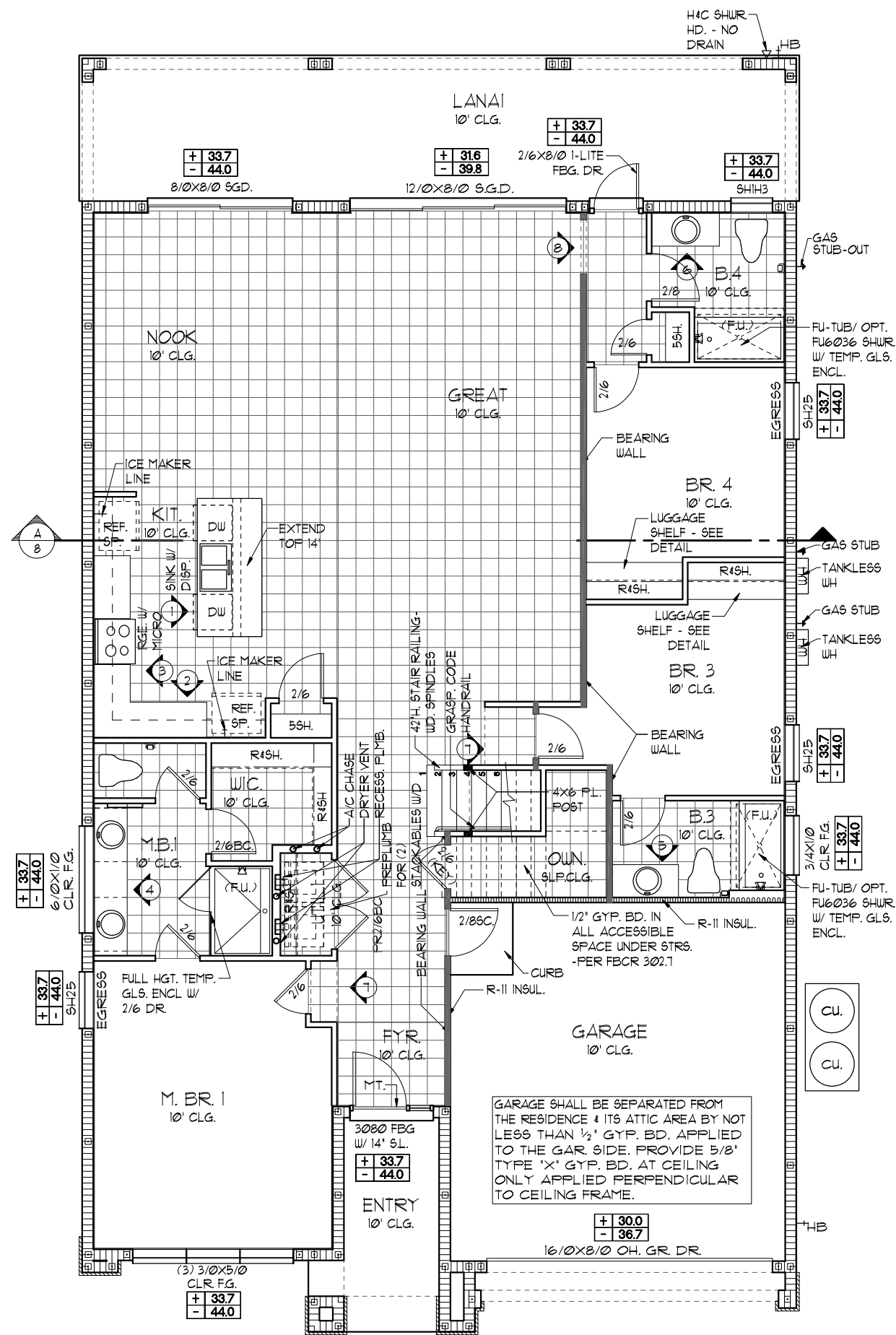
- BASIC WIND SPEED: 140 MPH
 - RISK CATEGORY: II
 - WIND EXPOSURE: B
 - BUILDING TYPE: V B
 - ENCLOSURE CLASSIFICATION: +/- 1.0, INCLUDED INTERNAL PRESSURE IN NOTE #6 COEFFICIENT.
 - COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:
- + XXX DESIGN WIND PRESSURE IAW FLA
- XXX RESIDENTIAL CODE, SECTION 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.
- | | |
|--|---|
| | DENOTES CONC. BLOCK WALL HGT. @ 10'-0" AFF. |
| | DENOTES CONC. BLOCK WALL HGT. @ X'-0" AFF. |
- REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
- REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
- ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M1307.2
- ALL INTER. FIRST FLOOR CEILINGS AT 10'-0" UNLESS NOTED OTHERWISE.
ALL INTER. SECOND FLOOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.

FLOOR PLAN W/ NOTES "C"

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



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 000, PARADISO GRANDE
THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 17TH EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

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

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

REVISIONS

NO.	DESCRIPTION	DATE

FLOOR PLAN W/ NOTES

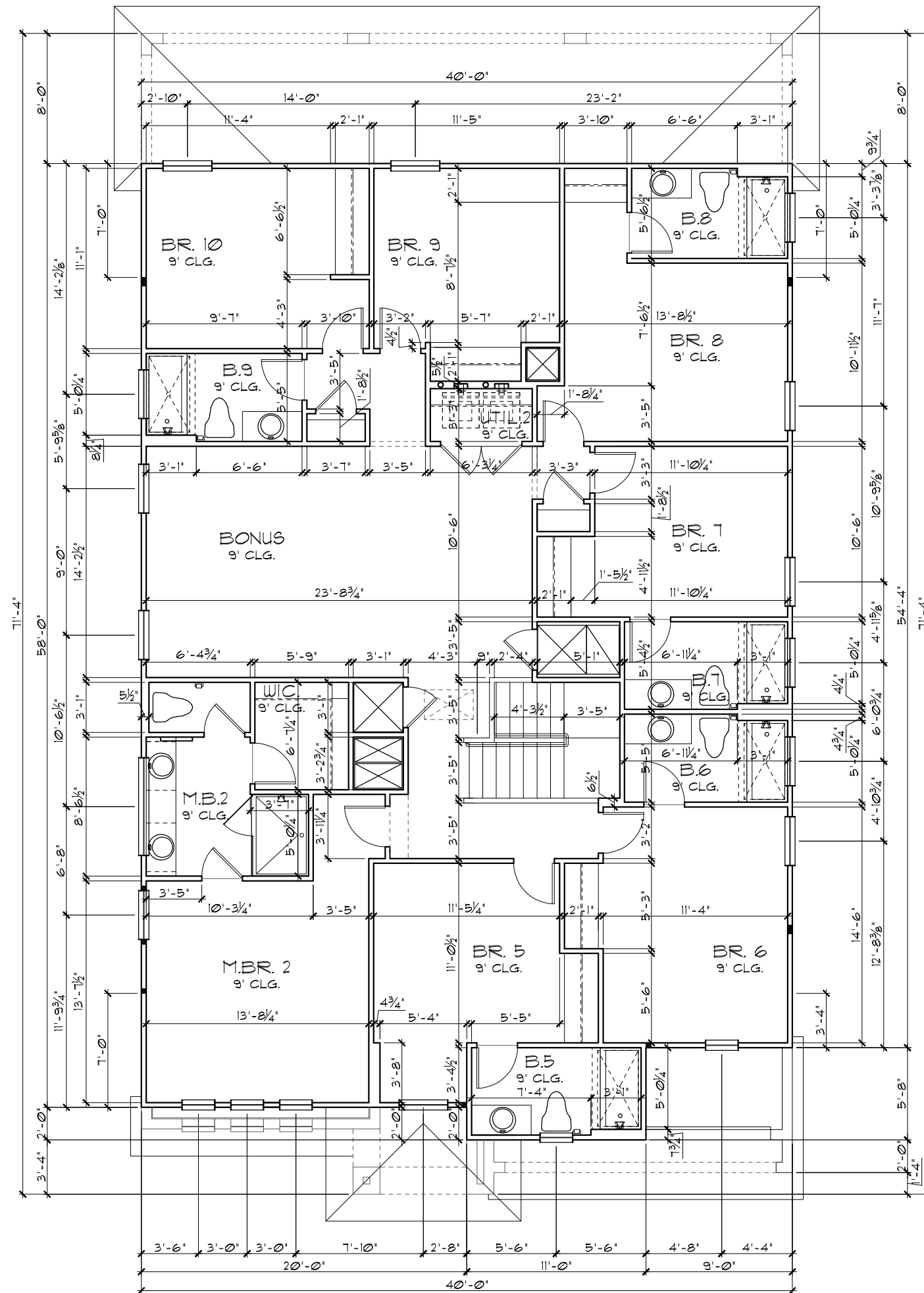
PARADISO GRANDE

4232
DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 4232
SHEET
03C.0 OF SHEETS

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

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

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



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

LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

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DATE	04-09-21
SCALE	AS NOTED
DRAWN	RDC
JOB	4232
SHEET	04A.0
OF SHEETS	04

**UPPER FLOOR PLAN W/
DIMENSIONS**

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5200 Vineland Road, Suite 200
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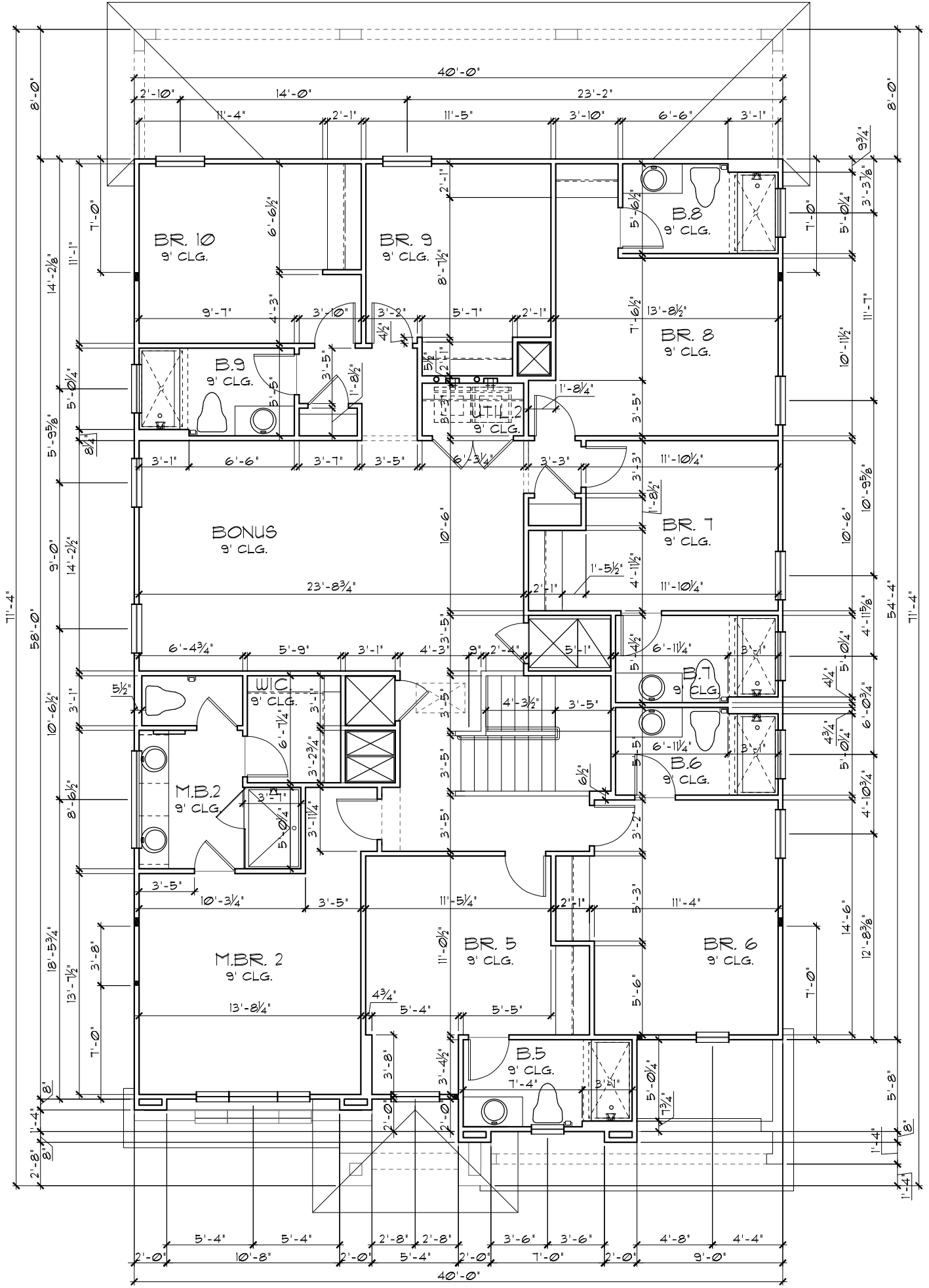
Engineering By	DBE and C
Engineer	MICHAEL A. THOMPSON
PE No.	47509
PHONE	407-721-2292

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.

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

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



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

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

Park Square HOMES

UPPER FLOOR PLAN W/
DIMENSIONS

REEF
PARADISO GRANDE

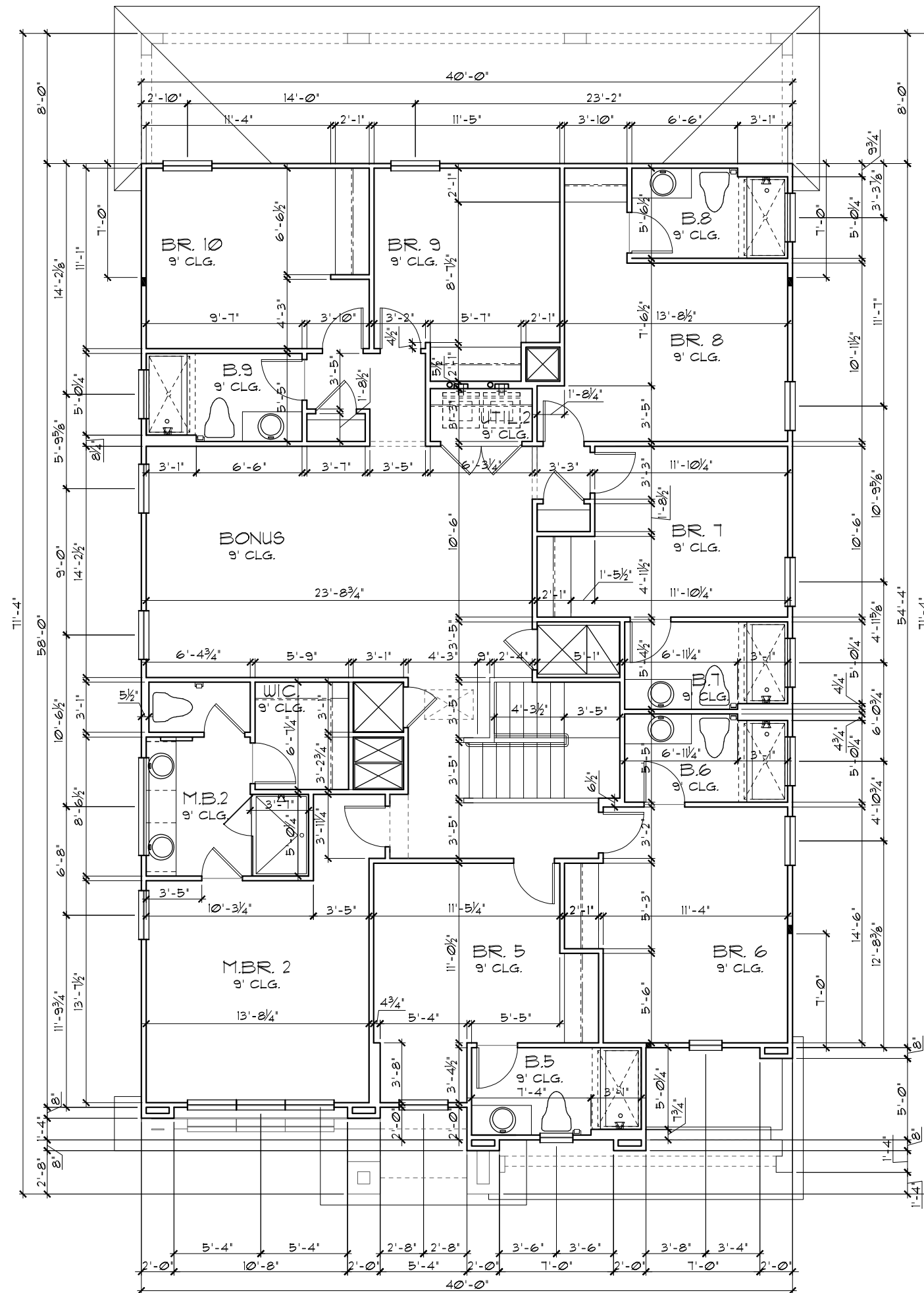
REVISIONS	BY

Engineering By DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292	DATE 04-09-21
A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida, 32811 Phone: (407) 529 - 3000	SCALE AS NOTED
Park Square HOMES	DRAWN RDC
UPPER FLOOR PLAN W/ DIMENSIONS	JOB 4232
REEF PARADISO GRANDE	SHEET
4232	04B.0
DATE 04-09-21	SHEETS

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

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

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



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

LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

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DATE	04-09-21
SCALE	AS NOTED
DRAWN	RC
JOB	4232
SHEET	04C.0
OF SHEETS	04

**UPPER FLOOR PLAN W/
DIMENSIONS**

Park Square HOMES
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Phone: (407) 529 - 3000

REVISIONS	BY

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

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

DEAD LOADS

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

FLOOR LIVE LOADS

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

ROOF LIVE LOADS

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

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

EGRESS WINDOW SCHEDULE - R310.2.1- FBCR2020

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

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

PER FBC R301- TABLE R301.5

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

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

PER FBC R301- TABLE R301.5

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

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

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

NOTE: HANDRAIL CONTINUITY PER R311.1.2.2 - HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEVEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1 (1/2) (32" MIN) BETWEEN THE WALL AND THE HANDRAIL.

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

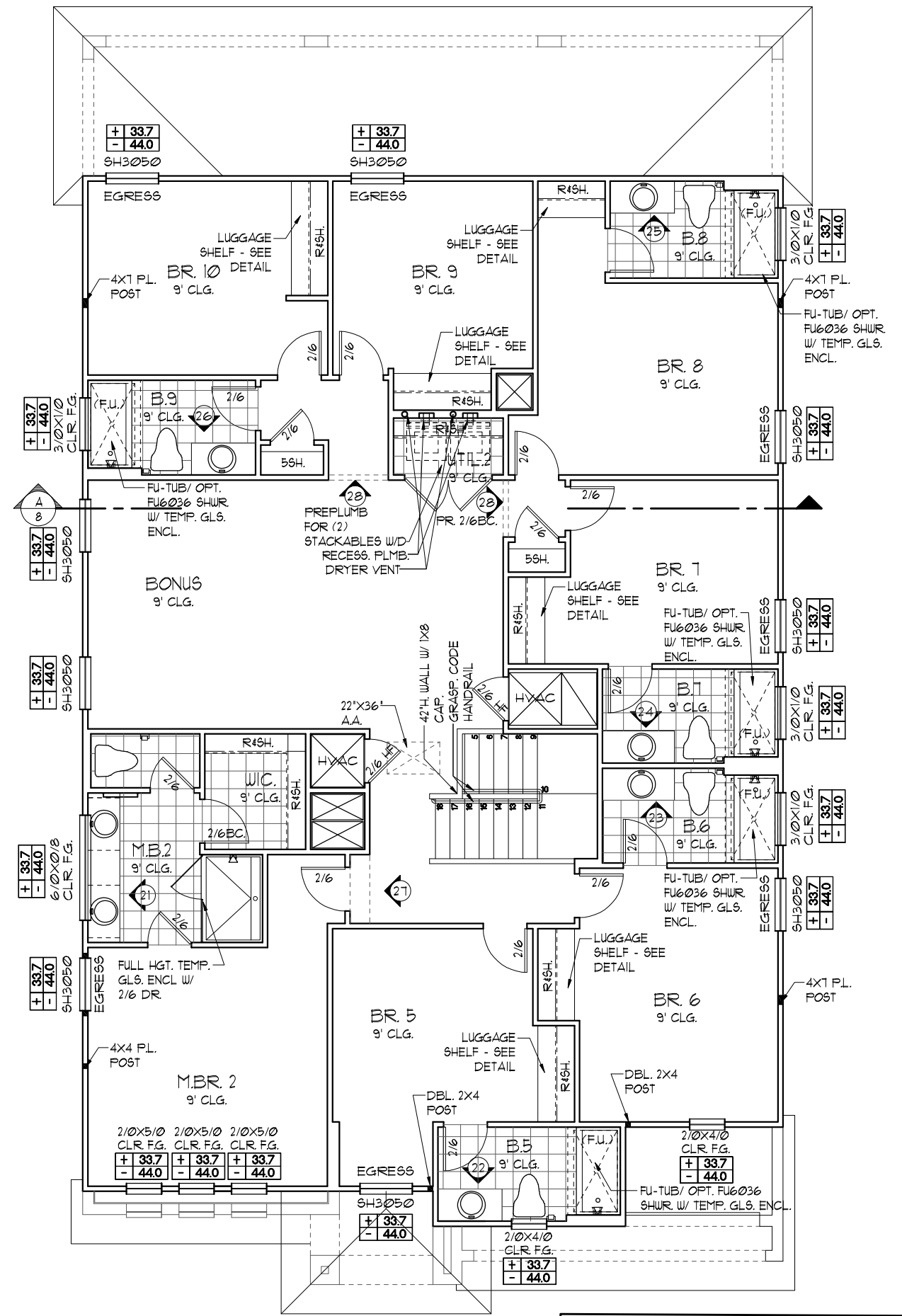
- BASIC WIND SPEED: 140 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: B
- BUILDING TYPE: V-B
- ENCLOSURE CLASSIFICATION: +/- I.B, INCLUDED INTERNAL PRESSURE IN NOTE #6 COEFFICIENT:
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:

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

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



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 000, PARADISO GRANDE
THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 17TH EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

PARADISO GRANDE

Engineering By: DBE and C
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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

4232

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 4232

SHEET 05A.0

OF SHEETS

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

DEAD LOADS

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

FLOOR LIVE LOADS

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

ROOF LIVE LOADS

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

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

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

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

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

GENERAL NOTES

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

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

EGRESS WINDOW SCHEDULE - R310.2.1- FBCR2020

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

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

PER FBC R301- TABLE R301.5

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

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

PER FBC R301- TABLE R301.5

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

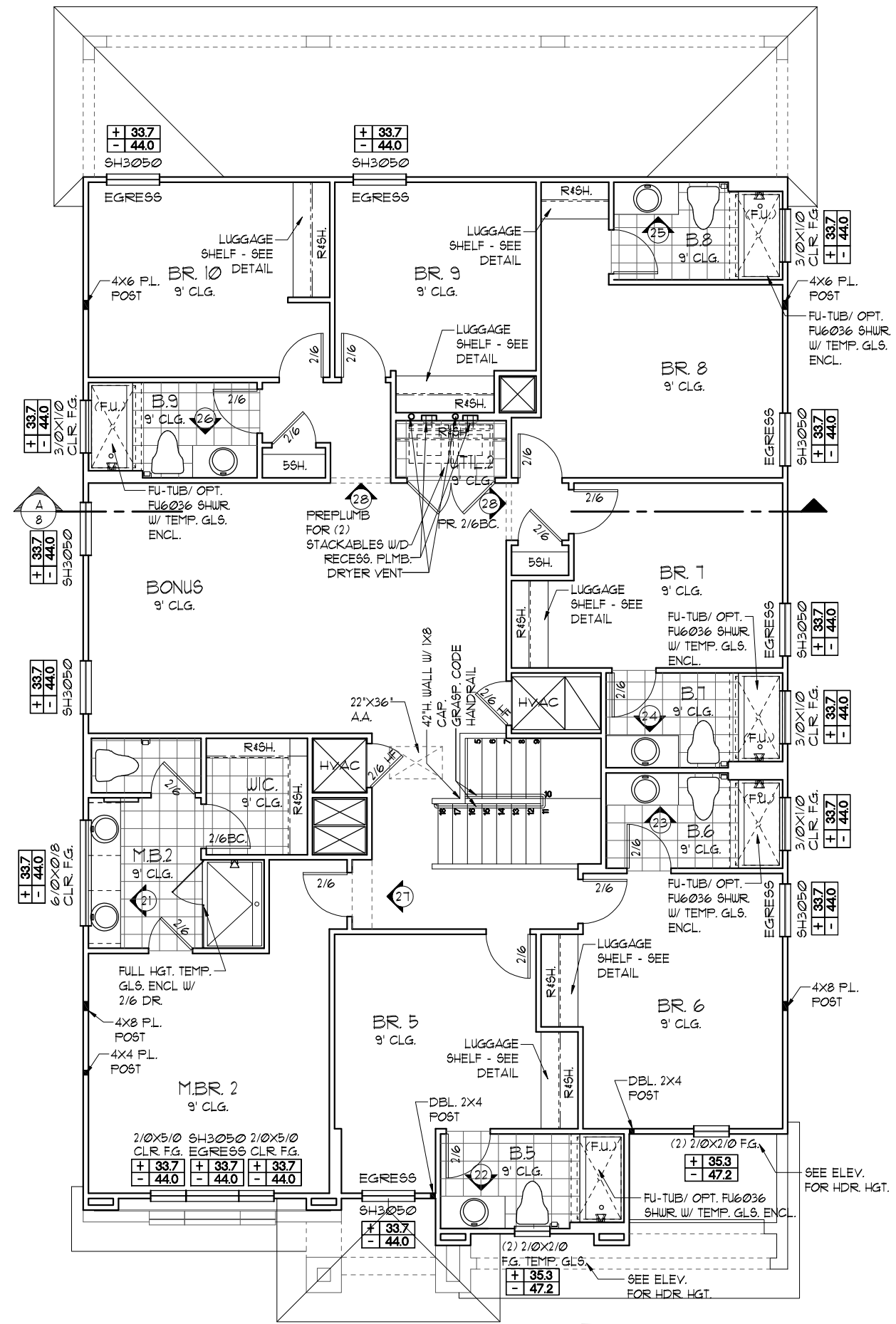
PER FBC R312- R312.12 & R312.13 & R311.1.1

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

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

UPPER FLOOR PLAN NOTES "B"

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



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

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

PARADISO GRANDE
A DIVISION OF PARK SQUARE ENTERPRISES, INC.
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Phone: (407) 529 - 3000

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

REVISIONS

NO.	DESCRIPTION	DATE

FLOOR PLAN W/ NOTES

REFEER

PARADISO GRANDE

4232
DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 4232
SHEET 05B.0 OF SHEETS

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

DEAD LOADS

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

FLOOR LIVE LOADS

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

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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

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

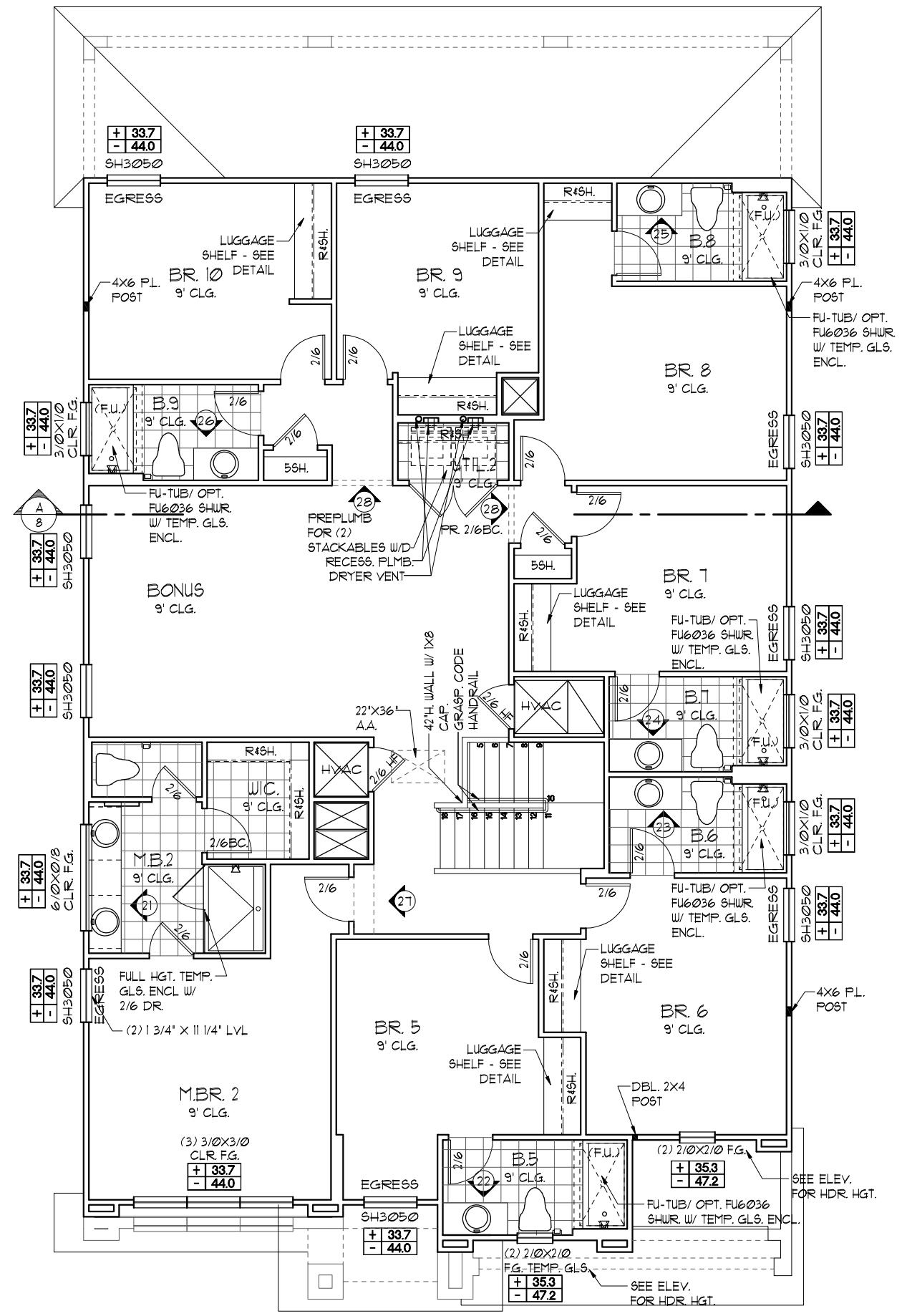
- BASIC WIND SPEED: 140 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: B
- BUILDING TYPE: V-B
- ENCLOSURE CLASSIFICATION: +/- .18, INCLUDED INTERNAL PRESSURE IN NOTE #6 COEFFICIENT:
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:

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

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

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



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 000, PARADISO GRANDE
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Park Square HOMES

FLOOR PLAN W/ NOTES

REVISIONS	BY

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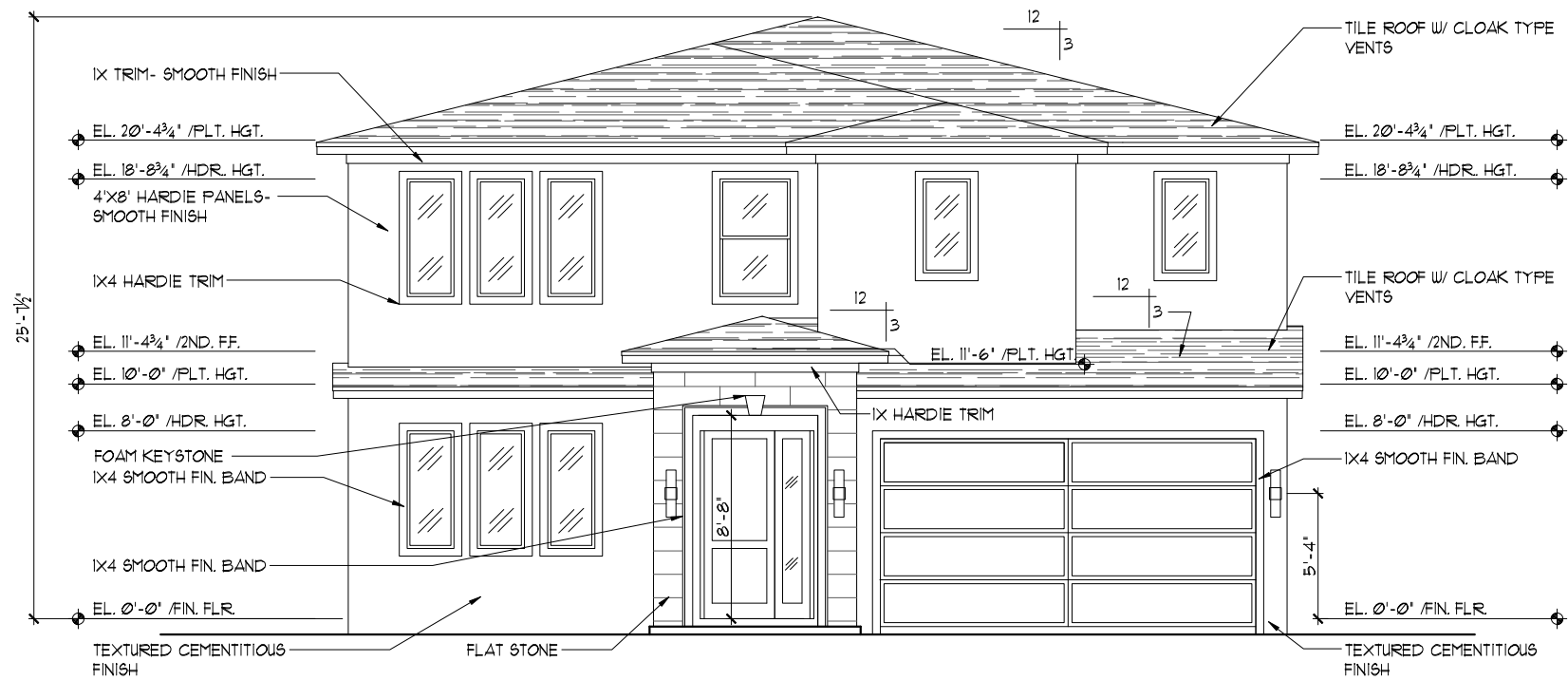
REF: PARADISO GRANDE

4232

DATE: 04-09-21
SCALE: AS NOTED
DRAWN: RDC
JOB: 4232
SHEET: 05C.0
OF SHEETS

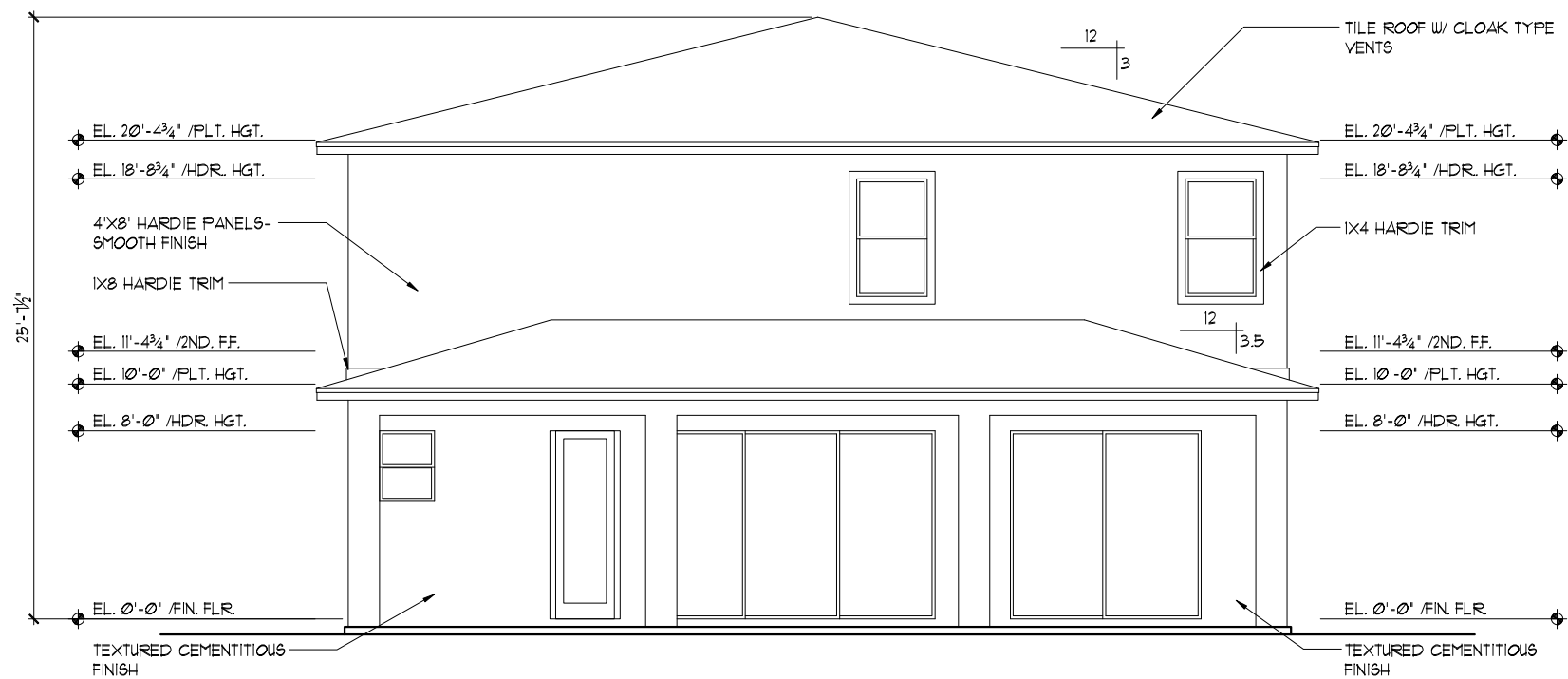
EXTERIOR FINISH NOTES

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



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)

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Park Square HOMES

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

**REEF
PARADISO GRANDE**

4232

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 4232

SHEET

06A.0

OF SHEETS

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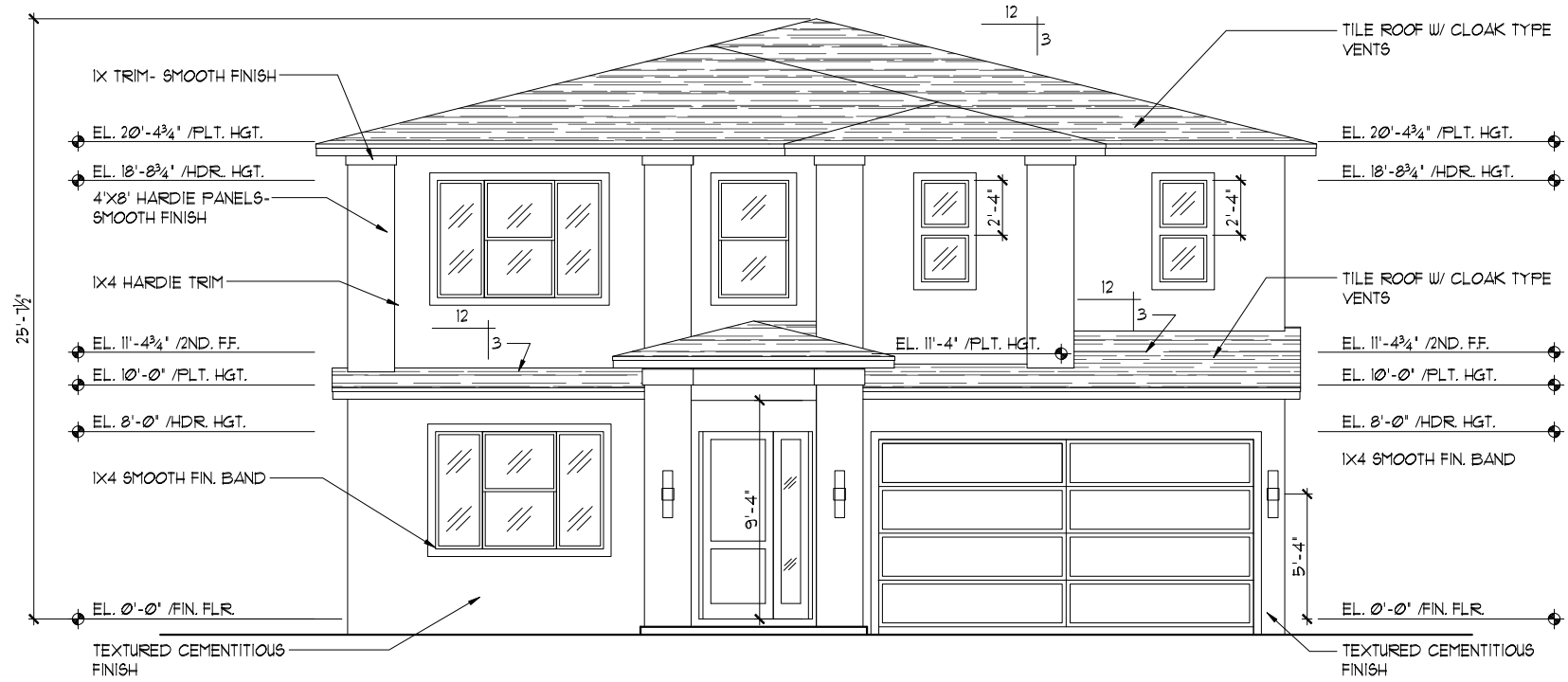
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REVISIONS	BY

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PHONE 407-721-2292

EXTERIOR FINISH NOTES

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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)

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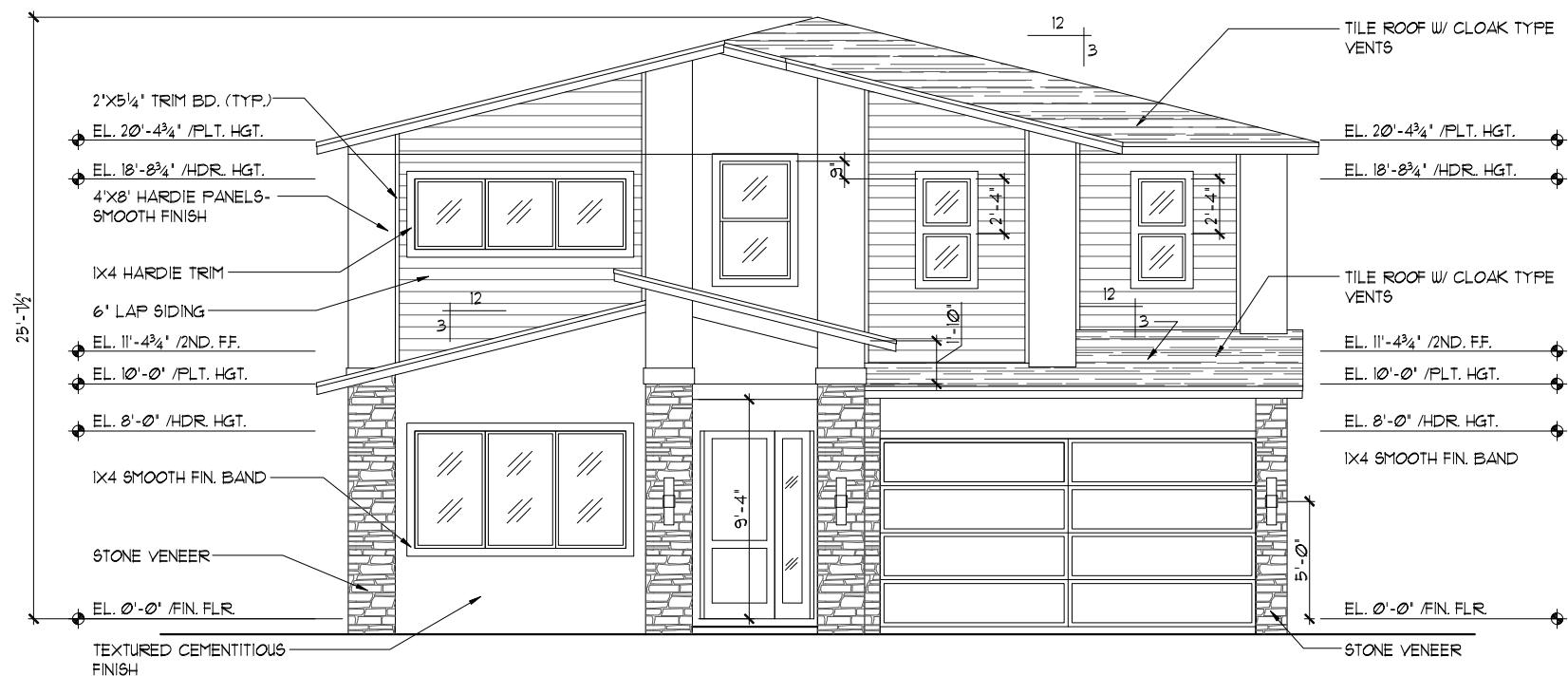
EXTERIOR ELEVATION "B"
FRONT AND REAR

REVISIONS	BY

Engineering By: DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292
4232
DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 4232
SHEET
06B.0
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EXTERIOR FINISH NOTES

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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)

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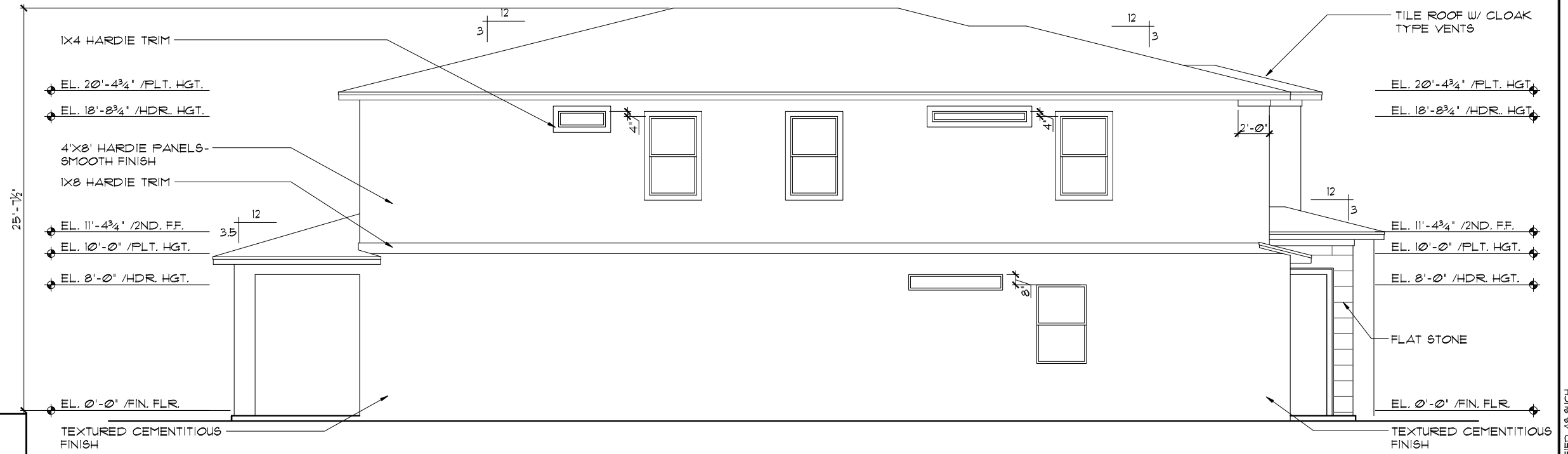
REVISIONS	BY

Park Square HOMES

EXTERIOR ELEVATION "C"
FRONT AND REAR

REEF
PARADISO GRANDE

4232
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 4232
 SHEET
 06C.0
 OF SHEETS

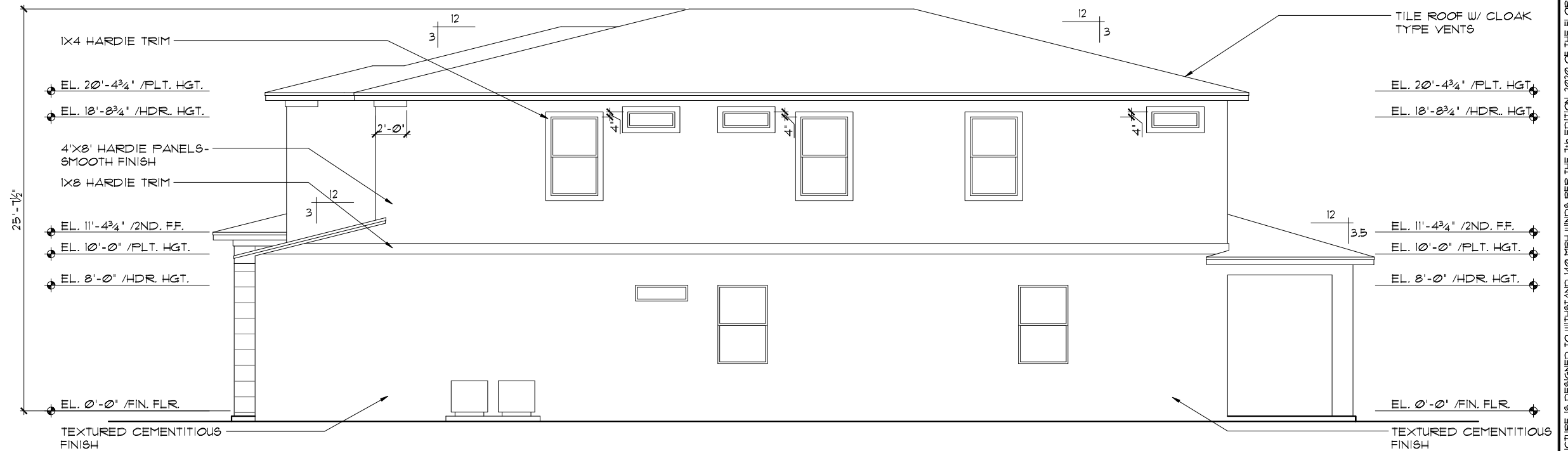


LEFT ELEVATION "A"

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

EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R103.1.1 OF THE 1TH EDITION, FBCR. 2020
2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.1.2 OF THE 1TH EDITION, FBCR. 2020
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Park Square HOMES

EXTERIOR ELEVATIONS "A"
LEFT AND RIGHT

REEF

PARADISO GRANDE

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

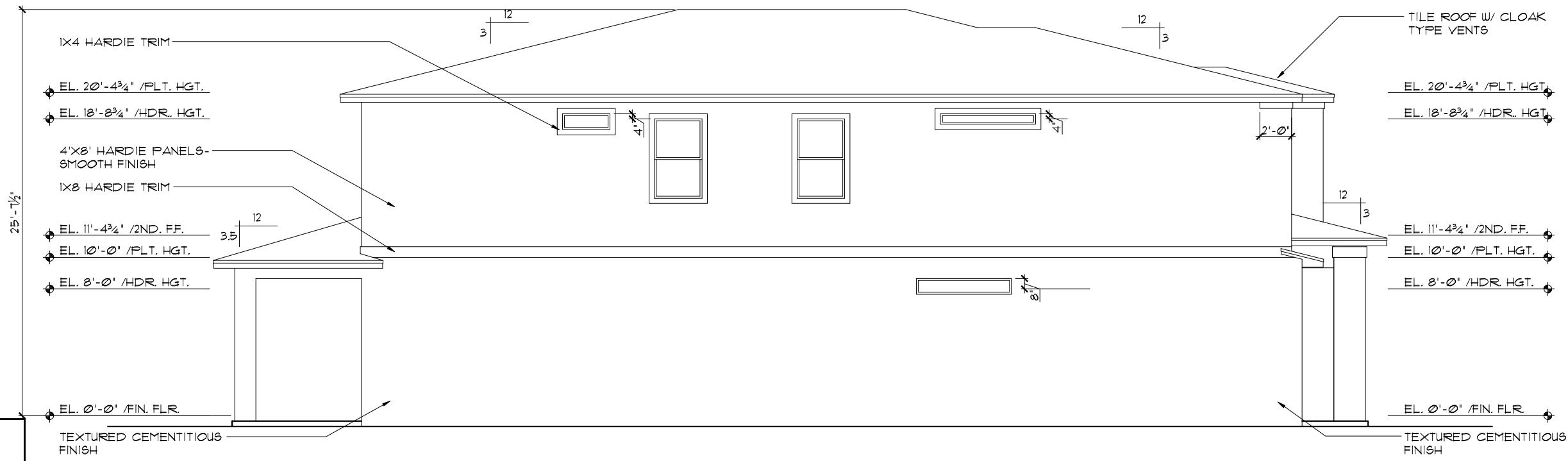
JOB 4232

SHEET

07A.0

OF SHEETS

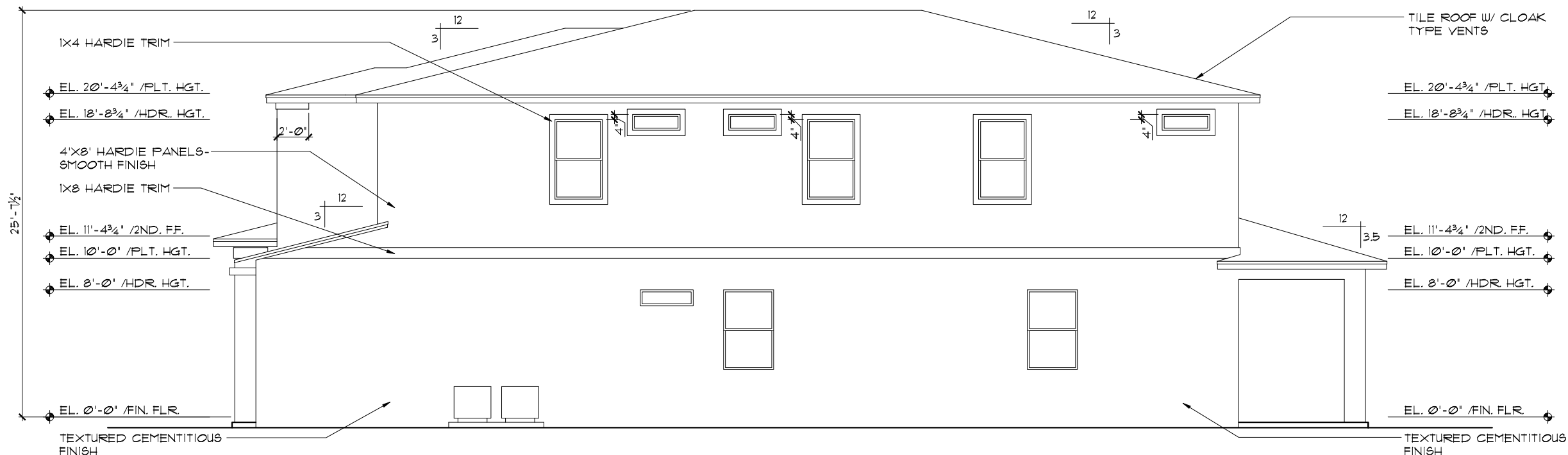
4232



LEFT ELEVATION "B"
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EXTERIOR FINISH NOTES

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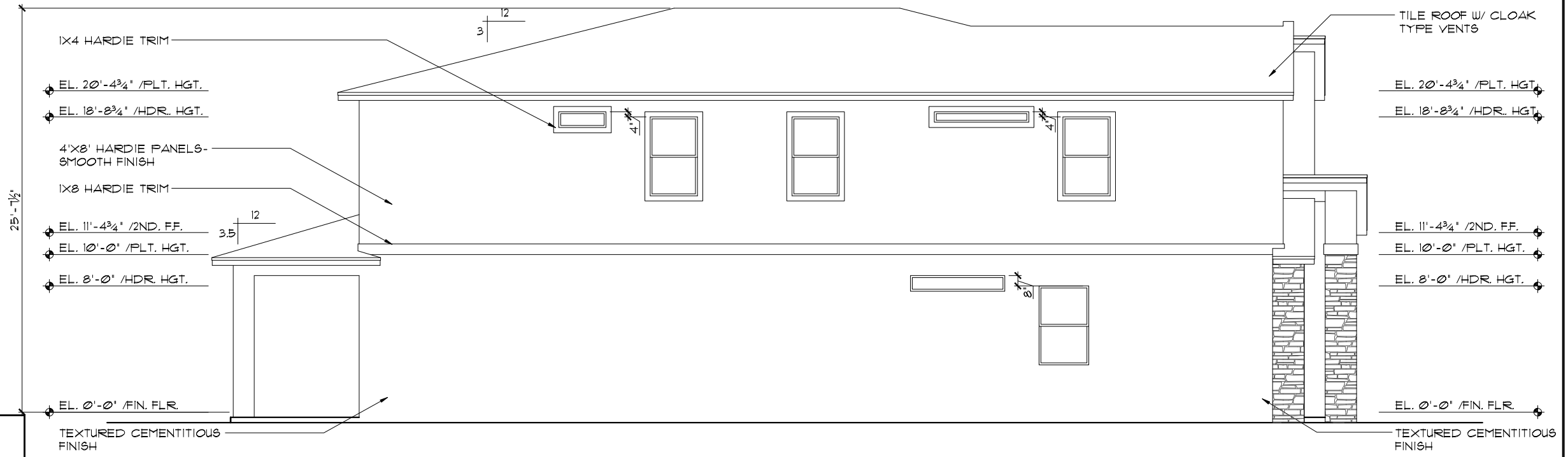
RIGHT ELEVATION "B"
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LOT: 0000, PARADISO GRANDE

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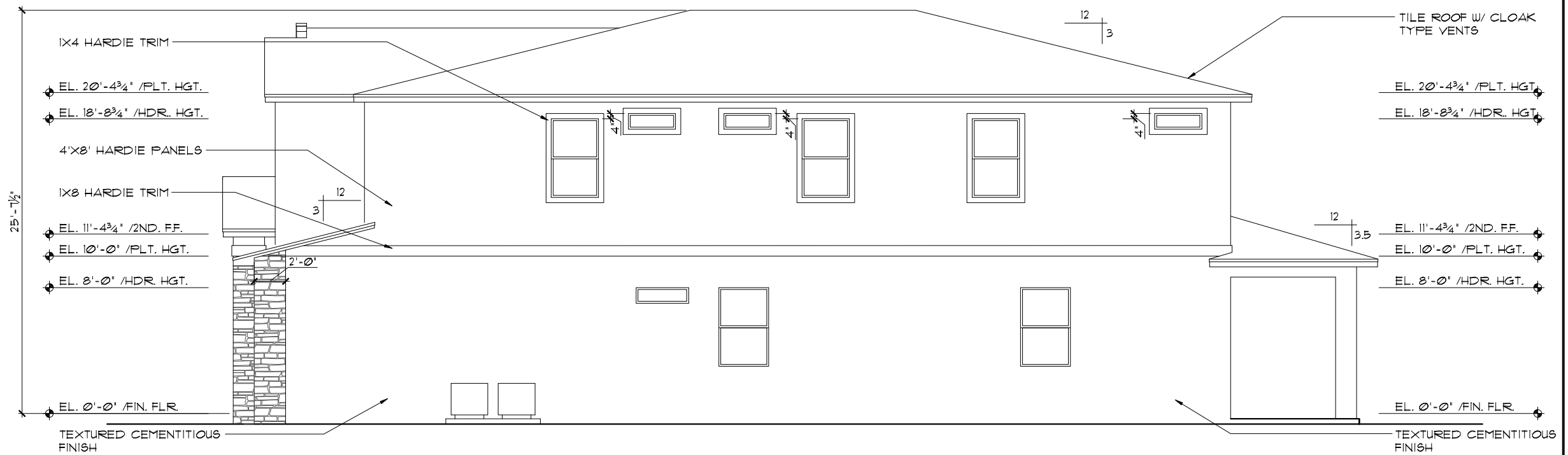


LEFT ELEVATION "C"

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EXTERIOR FINISH NOTES

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PARADISO GRANDE

EXTERIOR ELEVATIONS "C"
LEFT AND RIGHT

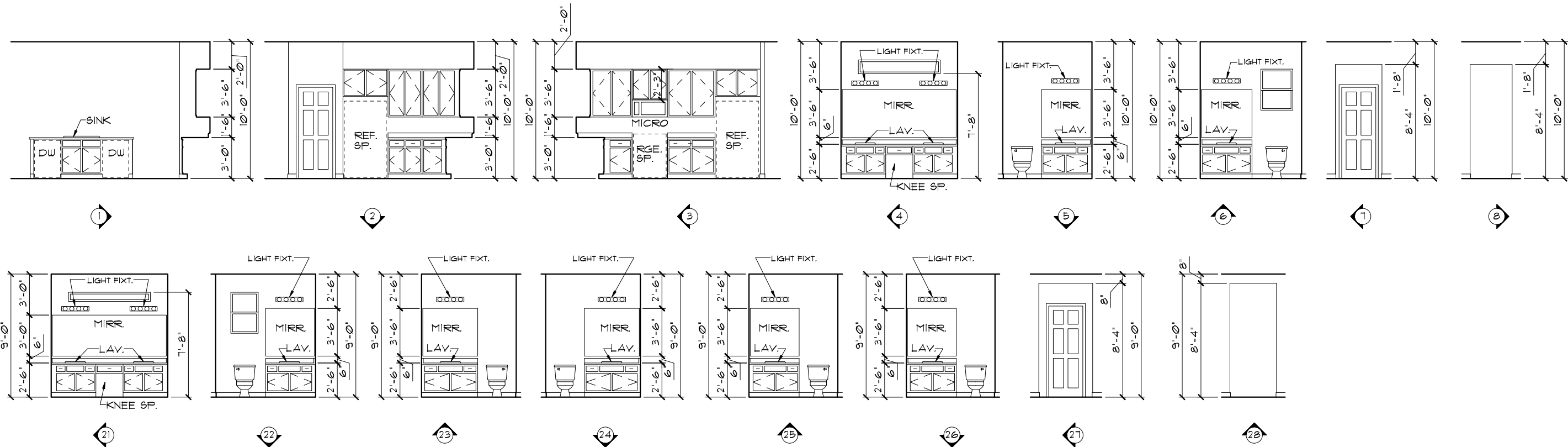
REVISIONS	BY

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REEF
PARADISO GRANDE

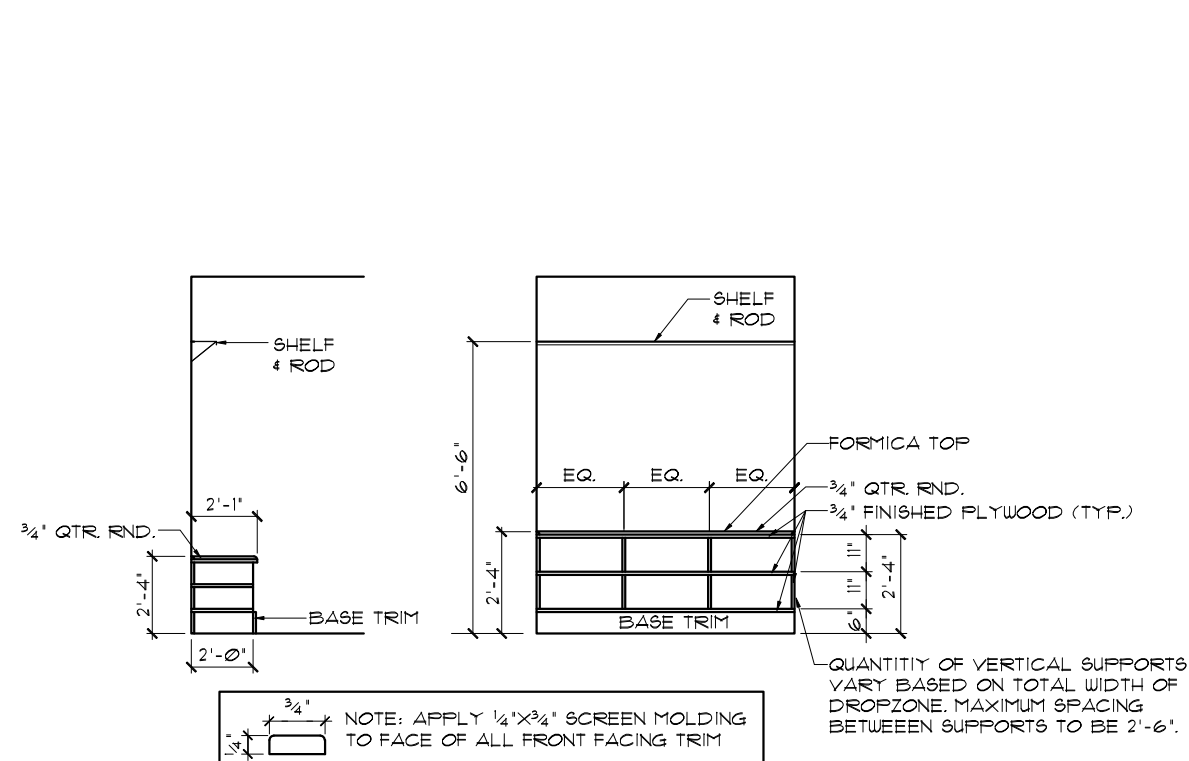
4232
DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 4232
SHEET
07C.0
OF SHEETS



INTERIOR ELEVATIONS

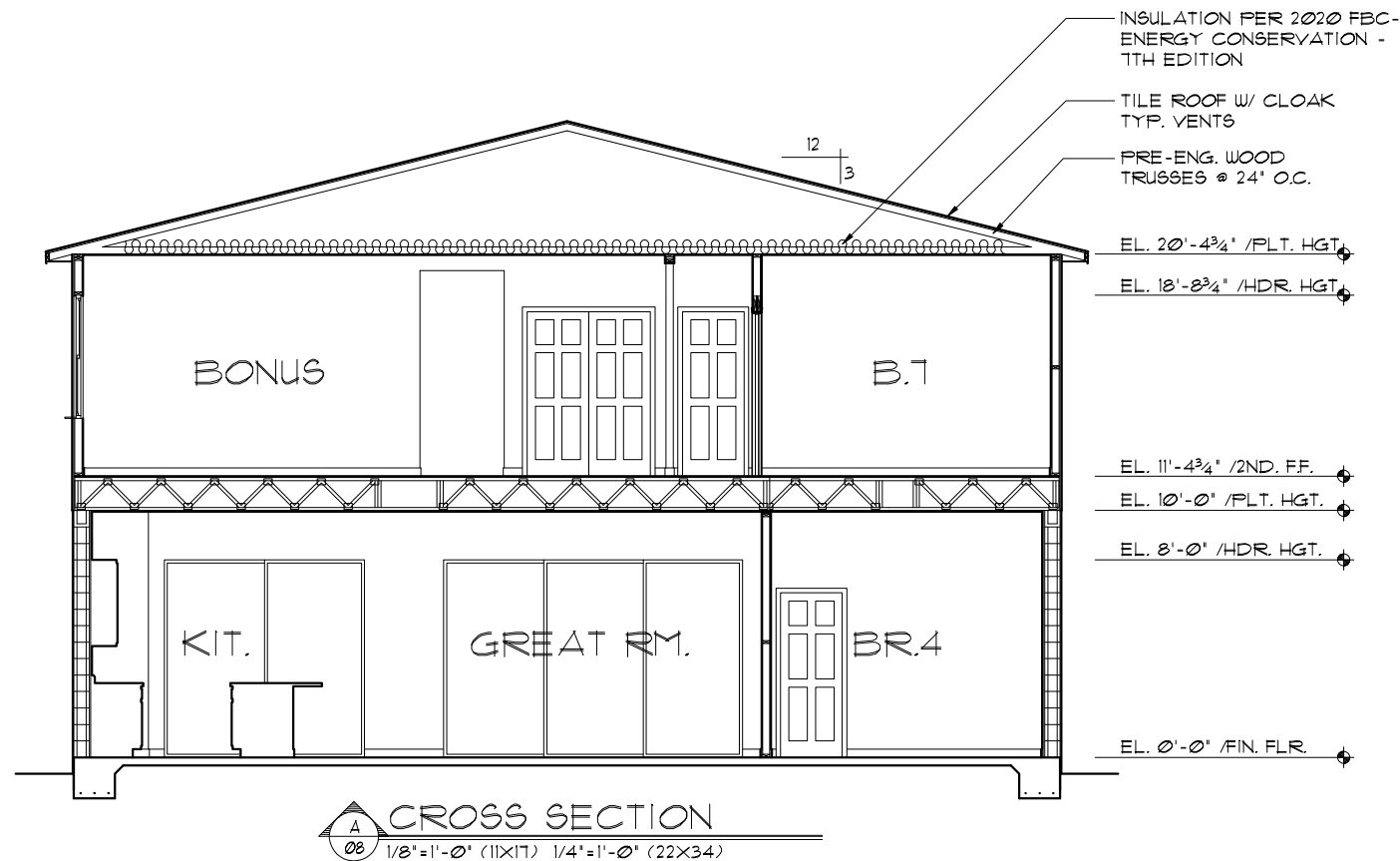
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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



LUGGAGE SHELF DETAIL

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



CROSS SECTION

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

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

PARADISO GRANDE

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

REVISIONS	BY

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

Park Square HOMES

CROSS SECTION / INTERIOR ELEVATIONS

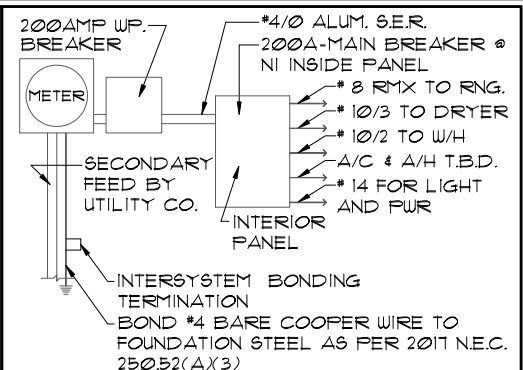
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PARADISO GRANDE

4232	DATE 04-09-21
	SCALE AS NOTED
	DRAWN RDC
	JOB 4232
	SHEET
	OF SHEETS

MECHANICAL/GENERAL NOTES

- PER 11th ED. 2020 FLA BLD. CODE-RESIDENTIAL
- 1.) COMPLETE DUCT DESIGN W/ SIZES & R-VALUE COMPLYING W/ THE FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION 610.1 ABC.1
 - 2.) APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION.
 - A) CHAPTER 13 OF THE FBC-R 2020 11th SECTION M1305.1
 - 3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION M1602 OF THE FBCR CODE 2020 11th EDITION.
 - 4.) IAW NEC 2017- 210.12-ALL 15A OR 20A, 120V BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES IN THE FOLLOWING LOCATIONS REQUIRE AFCI PROTECTION- KITCHEN, FAMILY RMS, DINING RMS, LIVING RMS, PARLORS, LIBRARIES, BEDROOMS, DENS, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.
 - 5.) IAW NEC 2017- 406.12, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.
 - 6.) ALL OUTLETS IN BATHROOMS AND LAUNDRY ROOM SHALL BE GFCI
 - 7.) SMOKE ALARMS SHALL BE IN ALL SLEEPING AREAS. SHALL BE INTERCONNECTED, SHALL BE WITHIN 1' TO 3' OF PEAK & SHALL BE 3' FROM THE SUPPLY OR RETURN AIR- STREAM & EQUIPPED W/ A BATTERY BACKUP. ALARMS MAY NOT BE CONNECTED WHERE ALARMS ARE WIRELESS & ALL ALARMS SOUND UPON ACTIVATION IAW FBCR R314.3 & R314.4. MODEL* TO BE USED ON THIS JOB TO BE:

BRK: SMOKE-9120B, C/O- SC9120B
KIDDE: SMOKE-21007581, C/O 21006377-N
 - 8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 11th ED. P2801.1
 - 9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 11th ED.
 - 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



ELECTRICAL RISER DIAGRAM

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

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

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

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

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

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

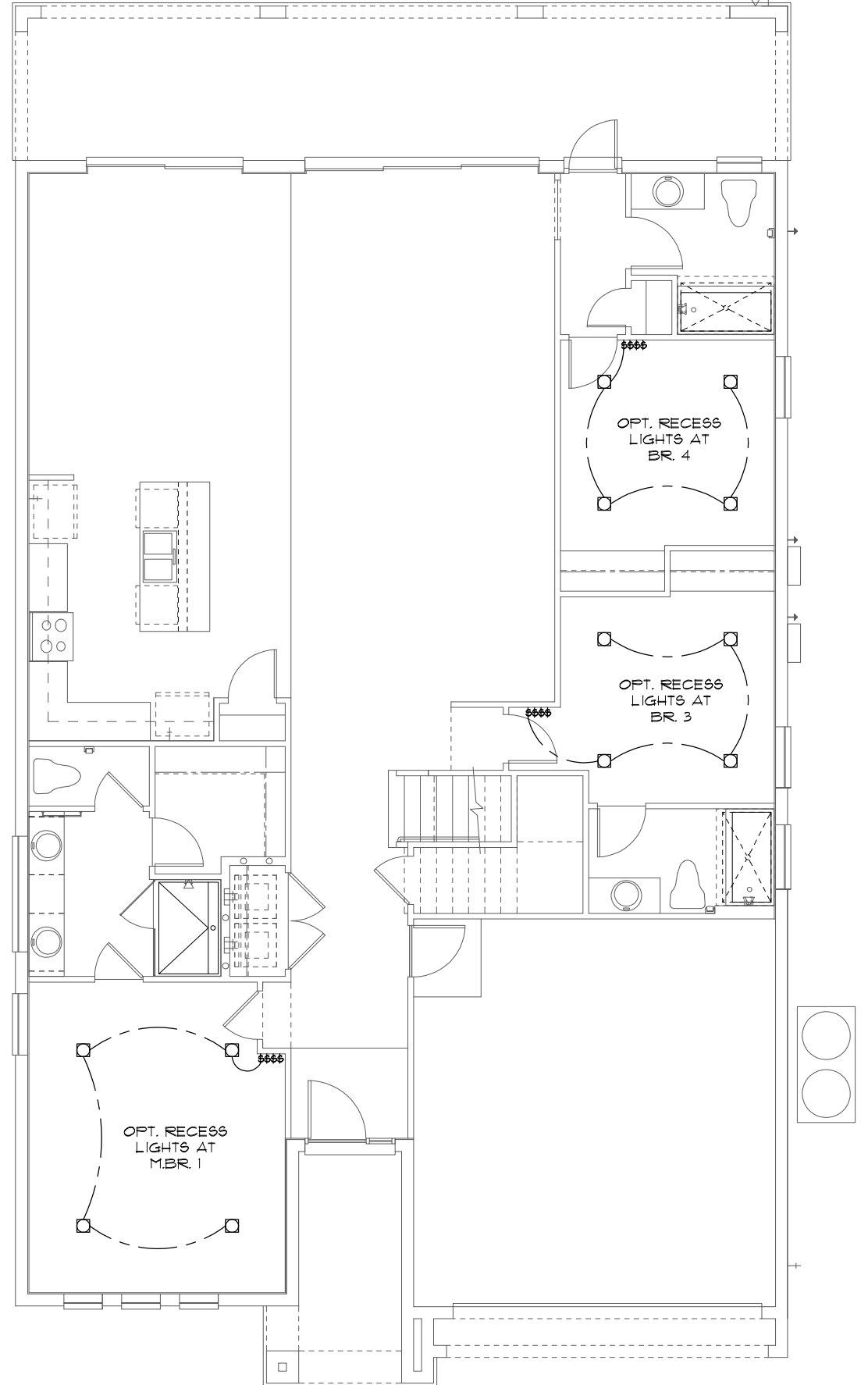
NOTE: IF MORE THAN 12 SMOKE ALARMS OR CARBON MONOXIDE ALARM COMBINATION ARE INSTALLED IN THE HOME CRIME PREVENTION WILL PULL A SEPARATE FIRE PERMIT AND THE SYSTEM WILL BE MONITORED

ELECTRICAL LEGEND

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

ELECTRICAL PLAN "OPT. LED"

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



LED RECESS OPTION

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

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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	
ELECTRICAL PLAN	
REEF	PARADISO GRANDE
4232	DATE 04-09-21
SCALE AS NOTED	
DRAWN RDC	JOB 4232
SHEET	
09.0	OF SHEETS

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

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3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION M1602 OF THE FBCR CODE 2020 11TH EDITION.

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

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

8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 11TH ED. P2801.7

9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 11TH ED.

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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

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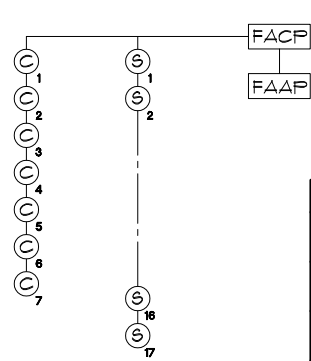
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The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be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

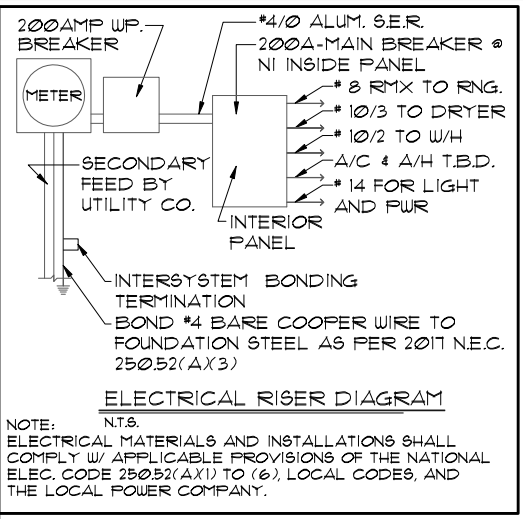
Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings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

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

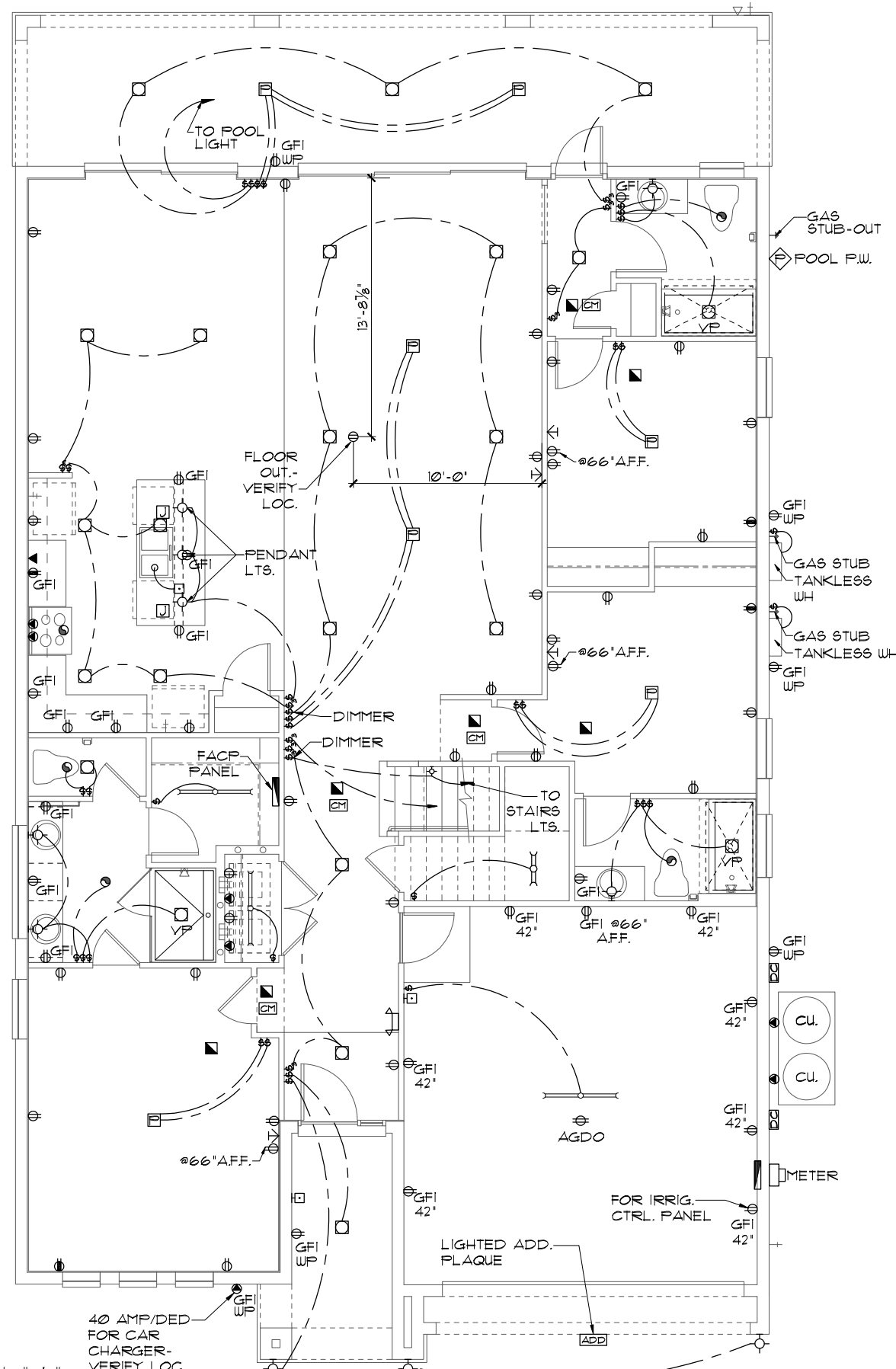
RISER DIAGRAM



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



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



ELECTRICAL LEGEND

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

ELECTRICAL PLAN "A"

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

LOT: 000, PARADISO GRANDE

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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

Park Square HOMES

ELECTRICAL PLAN

REEF PARADISO GRANDE

DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 4232
SHEET 09A.0 OF SHEETS

MECHANICAL/GENERAL NOTES

PER 17TH ED. 2020 FLA BLD. CODE-RESIDENTIAL
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 210-52

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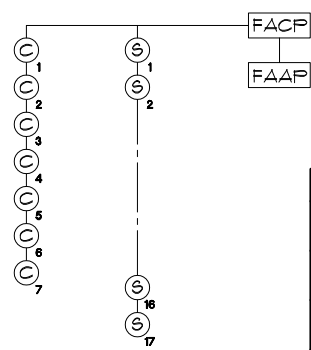
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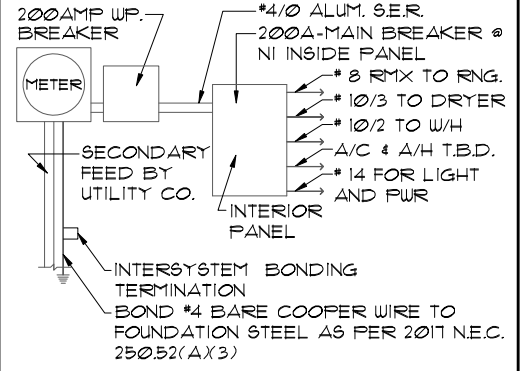
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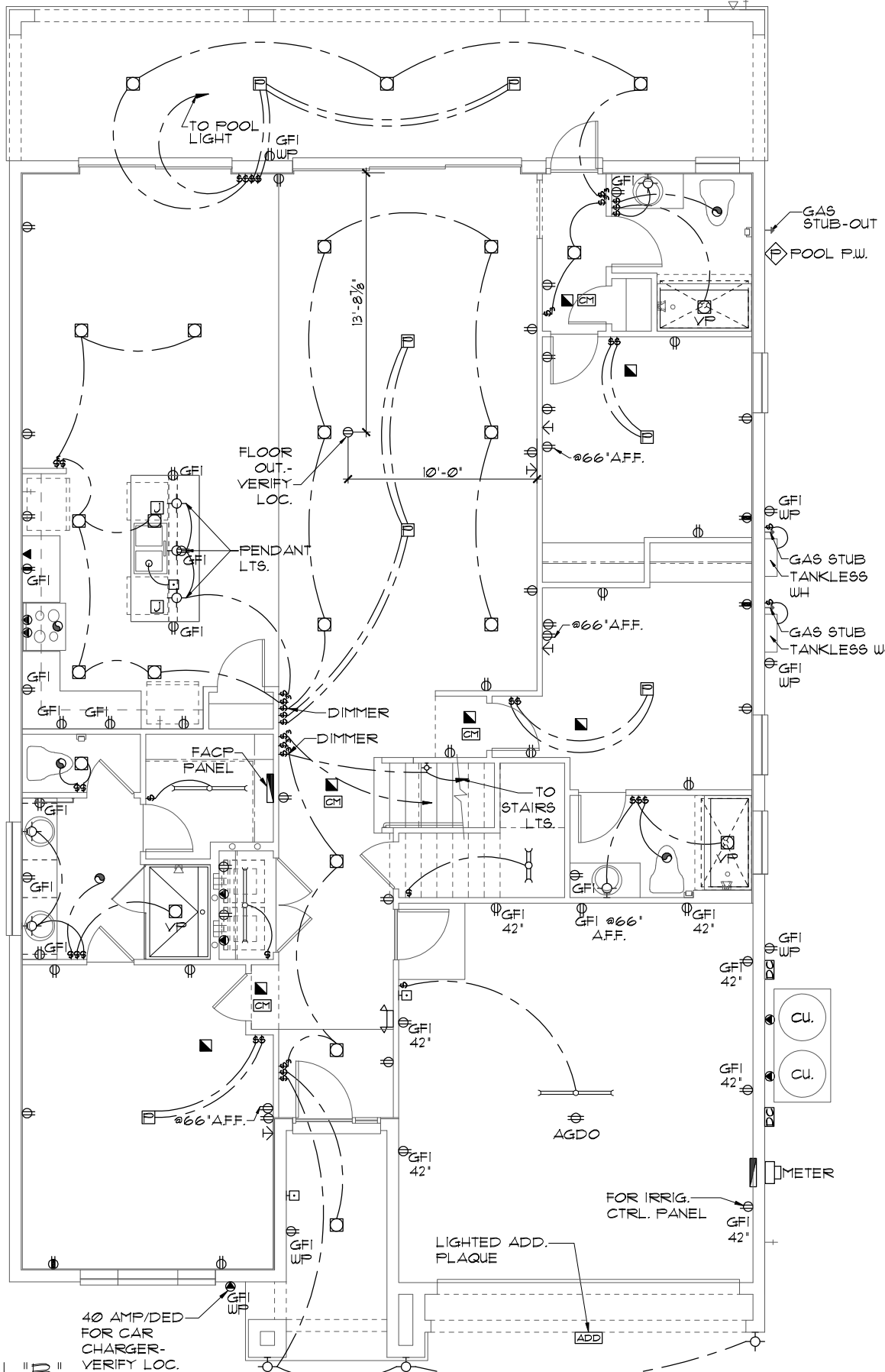
RISER DIAGRAM



LEGEND	
FACP	CONTROL PANEL
FAAP	ANNUNCIATOR
C	CARBON MONOXIDE DETECTOR
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ELECTRICAL RISER DIAGRAM
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ELECTRICAL LEGEND

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⊞	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, FREWIRE
⊞	LIGHT FIXT., FULL CHAIN	◻	CEILING FAN, INSTALL
⊞	LED LIGHT FIXT., FLUORESCENT	◻	ELECT. JUNCTION BOX
⊞	LIGHT FIXT., EXT. FLOODS	◻	THERMOSTAT
⊞	EXIT LIGHT FIXT., EMERG. EXIT	◻	DISCONNECT SWITCH
⊞	LIGHT FIXT., EXIT/BACKUP	◻	ELEC. POWER METER

ELECTRICAL PLAN "B"

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
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Park Square HOMES

ELECTRICAL PLAN

PARADISO GRANDE

REEF

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A) CHAPTER 13 OF THE FBC-R 2020 11TH SECTION M1305.1

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

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

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

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

8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 11TH ED. P2801.1

9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 11TH ED.

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

11.) ALL ELECTRICAL WORK TO BE DONE PER 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.

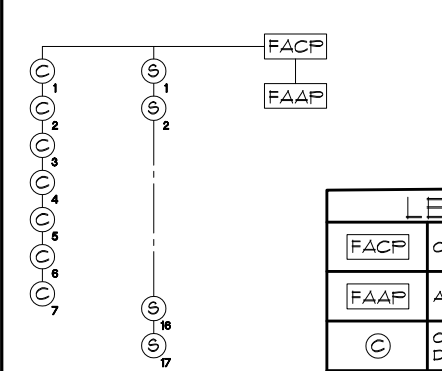
There are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than 1/2 inch in diameter and at least 20 ft. long, encased in 2 inches of concrete; (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.

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.

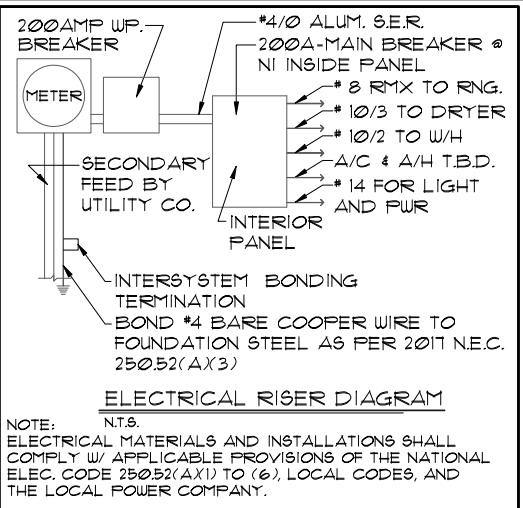
Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings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

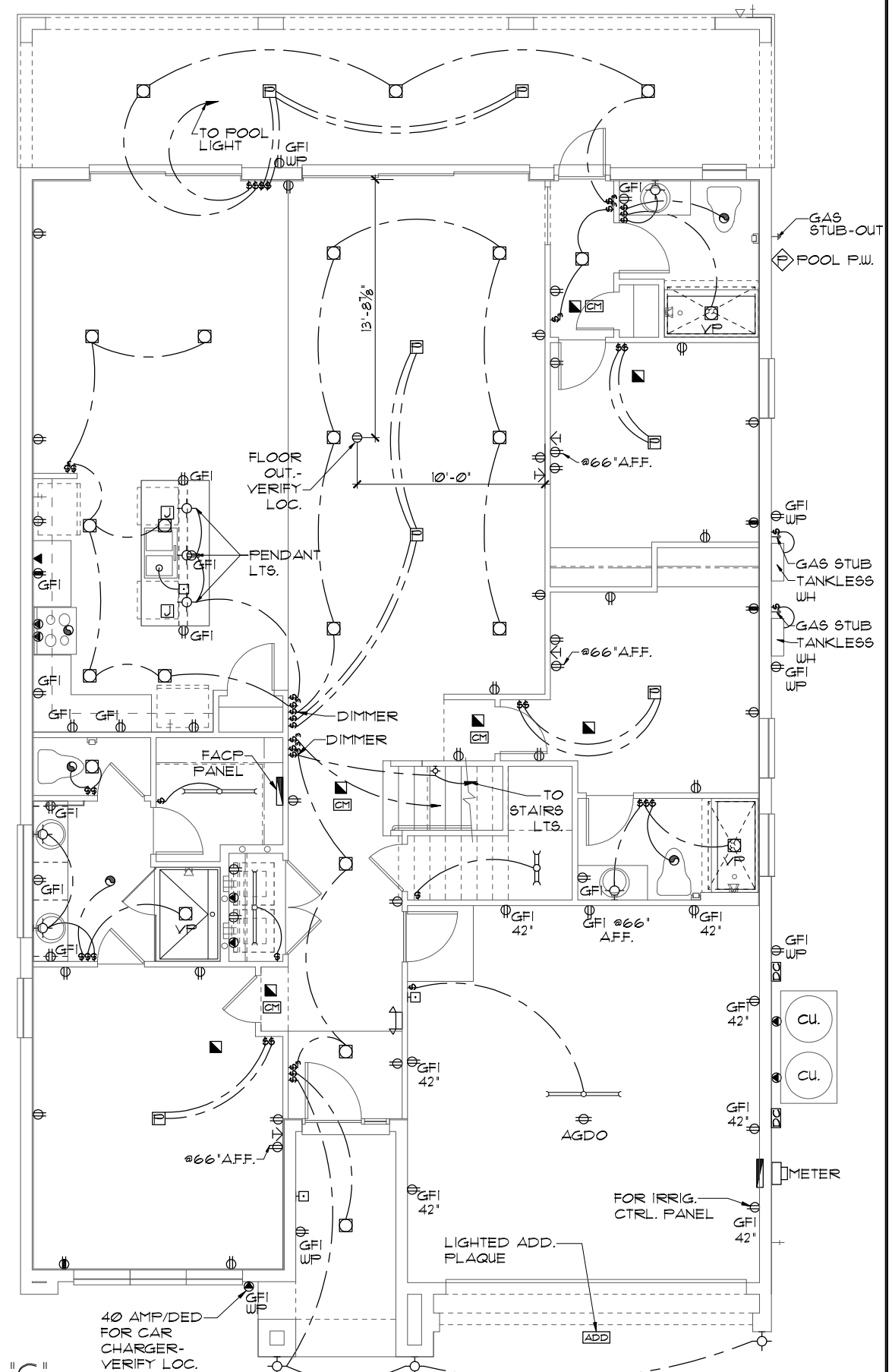
RISER DIAGRAM



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



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



ELECTRICAL LEGEND

⊞	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, FREWIRE
⊞	LIGHT FIXT., PULL CHAIN	◻	CEILING FAN, INSTALL
⊞	LED LIGHT FIXT., FLUORESCENT	◻	ELECT. JUNCTION BOX
⊞	LIGHT FIXT., EXT. FLOODS	◻	THERMOSTAT
⊞	EXIT LIGHT FIXT., EMERG. EXIT	◻	DISCONNECT SWITCH
⊞	LIGHT FIXT., EXIT/BACKUP	◻	ELEC. POWER METER

ELECTRICAL PLAN "C"

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

LOT: 000, PARADISO GRANDE

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 11TH EDITION, 2020 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, 32811, Phone: (407) 529 - 3000

Park Square HOMES

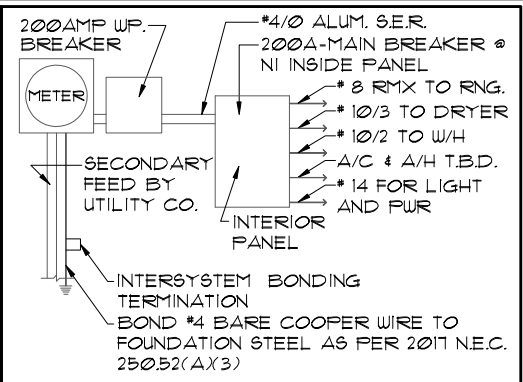
ELECTRICAL PLAN

REEF PARADISO GRANDE

DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 4232
SHEET 09C.0 OF SHEETS

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

- 1.) COMPLETE DUCT DESIGN W/ SIZES & R-VALUE COMPLYING W/ THE FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION 610.1 ABC.1
- 2.) APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION.
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- 3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION M1602 OF THE FBCR CODE 2020 11th EDITION.
- 4.) IAW NEC 2017- 210.12- ALL 15A OR 20A, 120V BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES IN THE FOLLOWING LOCATIONS REQUIRE AFCI PROTECTION- KITCHEN, FAMILY RMS, DINING RMS, LIVING RMS, PARLORS, LIBRARIES, BEDROOMS, DENS, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.
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- 6.) ALL OUTLETS IN BATHROOMS AND LAUNDRY ROOM SHALL BE GFCI
- 7.) SMOKE ALARMS SHALL BE IN ALL SLEEPING AREAS. SHALL BE INTERCONNECTED, SHALL BE WITHIN 1' TO 3' OF PEAK & SHALL BE 3' FROM THE SUPPLY OR RETURN AIR- STREAM & EQUIPPED W/ A BATTERY BACKUP. ALARMS MAY NOT BE CONNECTED WHERE ALARMS ARE WIRELESS & ALL ALARMS SOUND UPON ACTIVATION IAW FBCR R314.3 & R314.4. MODEL* TO BE USED ON THIS JOB TO BE:
 - BRK: SMOKE-9120B, C/O- SC9120B
 - KIDDE: SMOKE-21007581, C/O 21006377-N
- 8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 11th ED. P2801.1
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- 11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA70-NEC 2017
- 12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A2)
- 12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2017 - ARTICLE 210-52



ELECTRICAL RISER DIAGRAM

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

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

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

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

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

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

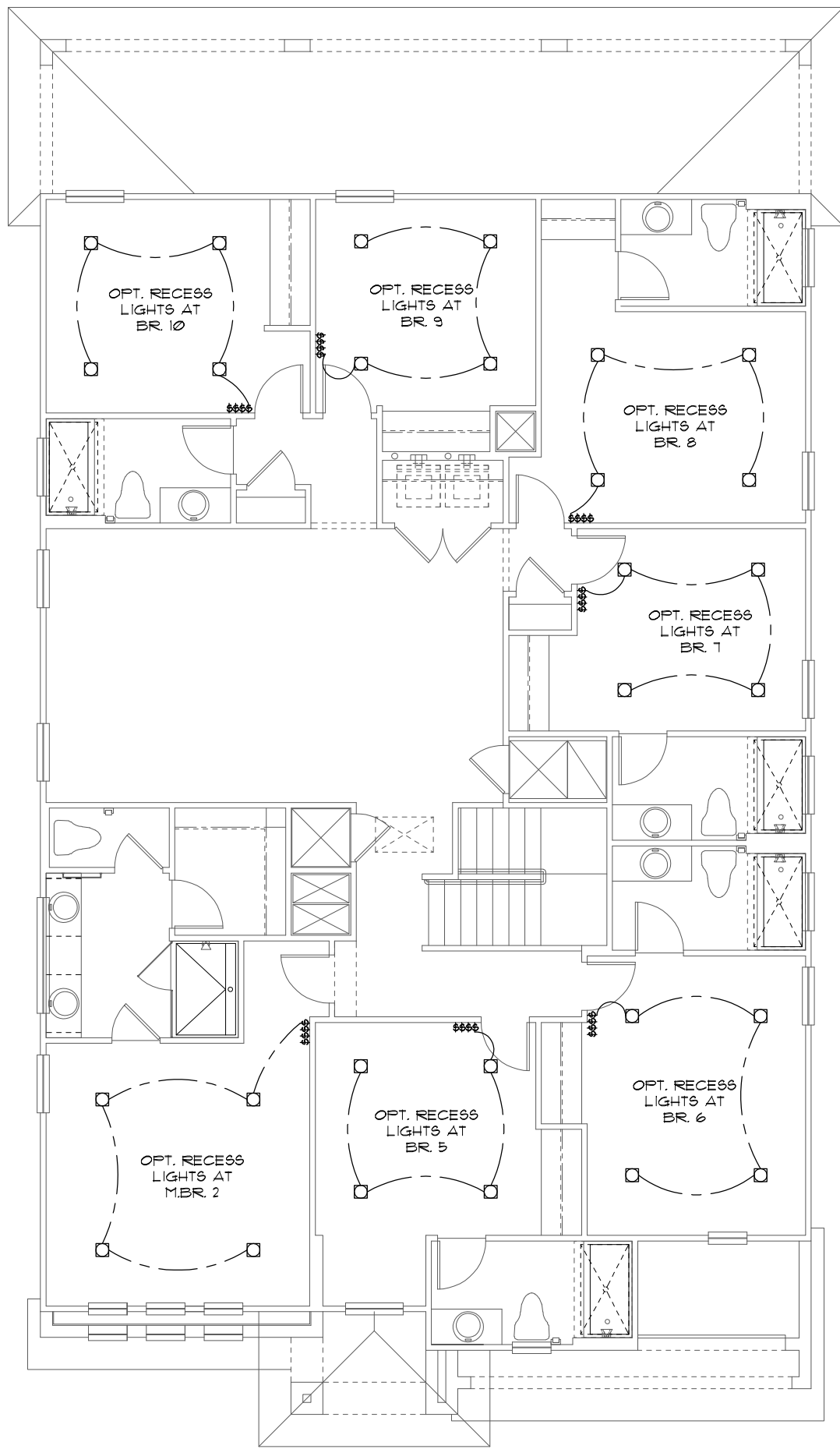
NOTE: IF MORE THAN 12 SMOKE ALARMS OR CARBON MONOXIDE ALARM COMBINATION ARE INSTALLED IN THE HOME CRIME PREVENTION WILL PULL A SEPARATE FIRE PERMIT AND THE SYSTEM WILL BE MONITORED

ELECTRICAL LEGEND

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

UPPER ELECTRICAL PLAN "OPT. LED"

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



LED RECESS OPTION

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

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PARADISO GRANDE

Engineering By: DBE and C
MICHAEL A. THOMPSON
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Orlando, Florida 32811
Phone: (407) 529 - 3000

Park Square HOMES

ELECTRICAL PLAN

REEF

PARADISO GRANDE

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 4232

SHEET 10.0

OF SHEETS

4232

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

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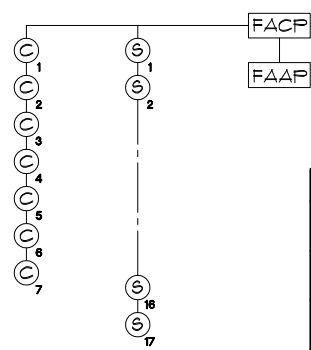
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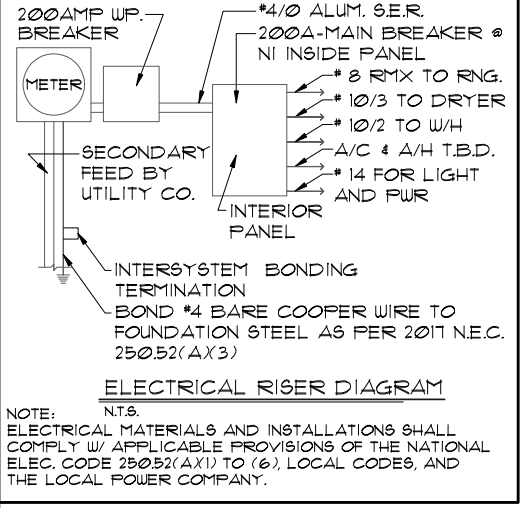
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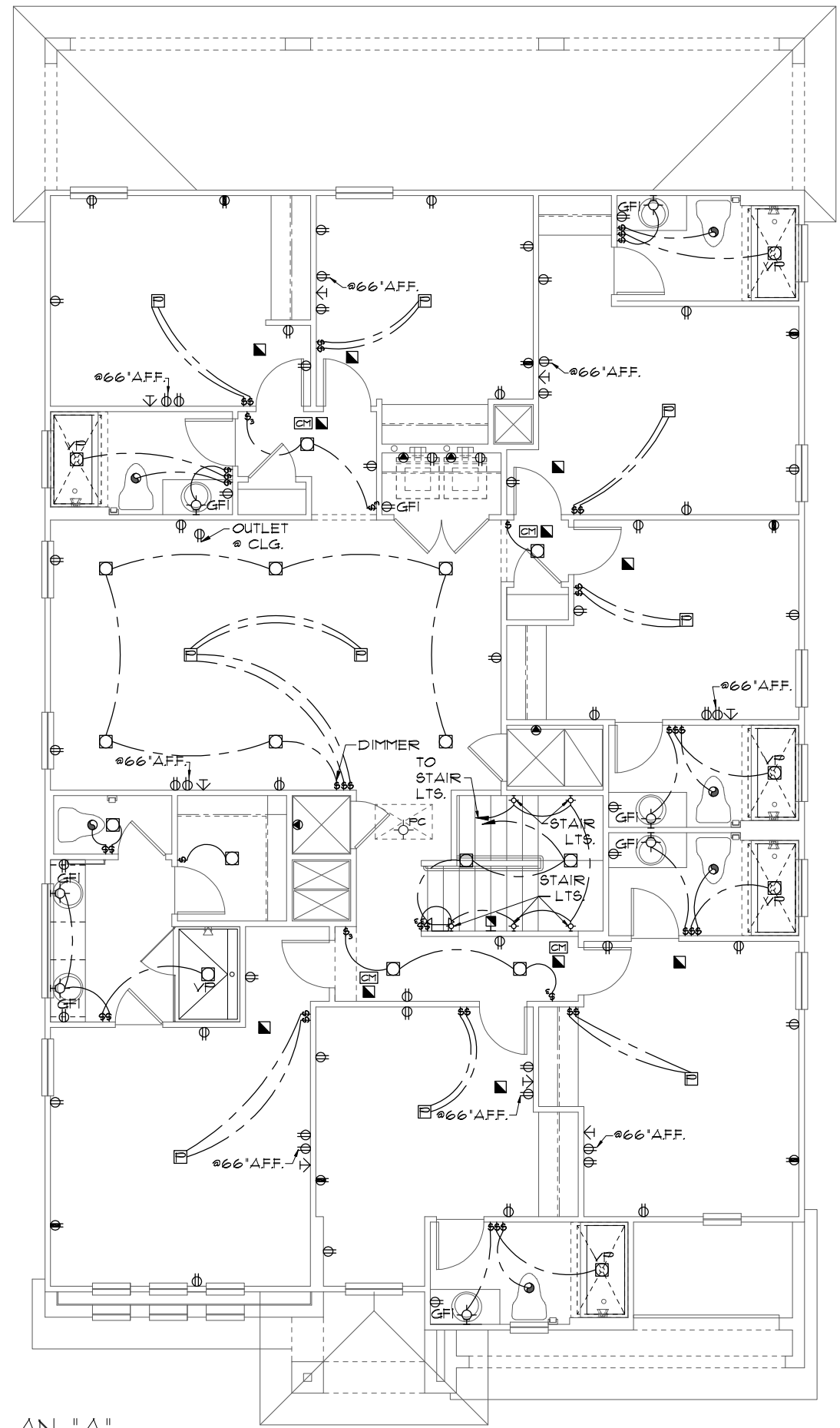
RISER DIAGRAM



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



ELECTRICAL RISER DIAGRAM
N.T.S.
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ELECTRICAL LEGEND

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⊞	LIGHT FIXT., PULL CHAIN	⊞	CEILING FAN, INSTALL
⊞	LED LIGHT FIXT., FLUORESCENT	⊞	ELECT. JUNCTION BOX
⊞	LIGHT FIXT., EXT. FLOODS	⊞	THERMOSTAT
⊞	LIGHT FIXT., EMERG. EXIT	⊞	DISCONNECT SWITCH
⊞	LIGHT FIXT., EXIT/BACKUP	⊞	ELEC. POWER METER

UPPER ELECTRICAL PLAN "A"

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

LOT: 000, PARADISO GRANDE

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Park Square HOMES

ELECTRICAL PLAN

4232

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 4232

SHEET 10A.0

OF SHEETS

MECHANICAL/GENERAL NOTES

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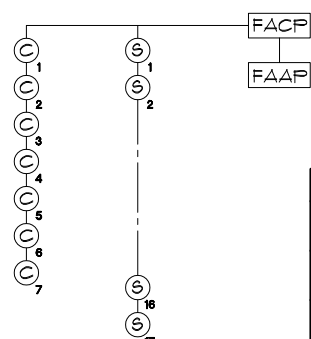
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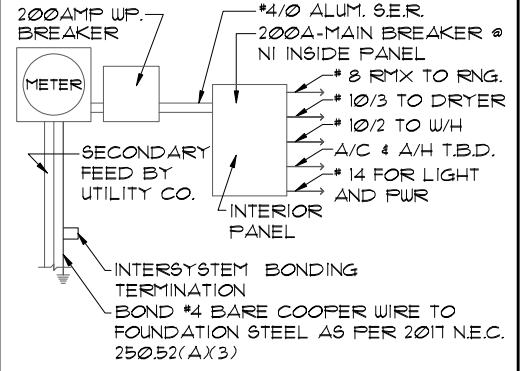
Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings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

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

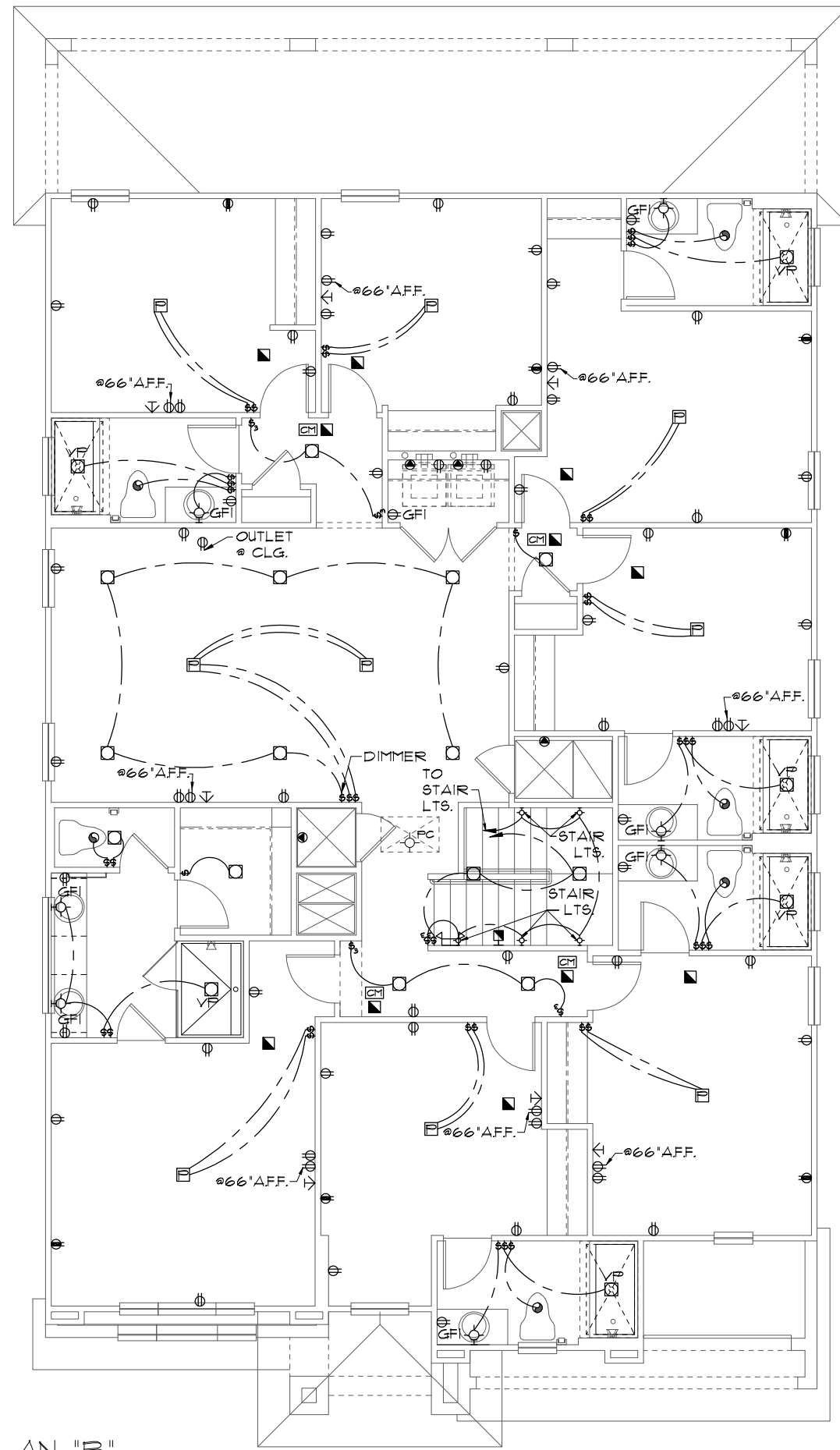
RISER DIAGRAM



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



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



ELECTRICAL LEGEND

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

UPPER ELECTRICAL PLAN "B"

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

PARADISO GRANDE

ELECTRICAL PLAN

LOT: 000, PARADISO GRANDE

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

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

Park Square HOMES

REEF

PARADISO GRANDE

4232
DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 4232
SHEET
10B.0
OF SHEETS

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

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MECHANICAL/GENERAL NOTES

- PER 11TH ED. 2020 FLA BLD. CODE-RESIDENTIAL
- 1.) COMPLETE DUCT DESIGN W/ SIZES & R-VALUE COMPLYING W/ THE FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION 610.1 ABC.1
 - 2.) APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION.
 - A.) CHAPTER 13 OF THE FBC-R 2020 11TH SECTION M1305.1
 - 3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION M1602 OF THE FBCR CODE 2020 11TH EDITION.
 - 4.) IAW NEC 2017- 210.12-ALL 15A OR 20A, 120V BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES IN THE FOLLOWING LOCATIONS REQUIRE AFCI PROTECTION- KITCHEN, FAMILY RMS, DINING RMS, LIVING RMS, PARLORS, LIBRARIES, BEDROOMS, DENS, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.
 - 5.) IAW NEC 2017- 406.12, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.
 - 6.) ALL OUTLETS IN BATHROOMS AND LAUNDRY ROOM SHALL BE GFCI
 - 7.) SMOKE ALARMS SHALL BE IN ALL SLEEPING AREAS. SHALL BE INTERCONNECTED, SHALL BE WITHIN 1' TO 3' OF PEAK & SHALL BE 3' FROM THE SUPPLY OR RETURN AIR- STREAM & EQUIPPED W/ A BATTERY BACKUP. ALARMS MAY NOT BE CONNECTED WHERE ALARMS ARE WIRELESS & ALL ALARMS SOUND UPON ACTIVATION IAW FBCR R314.3 & R314.4.
 - 8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 11TH ED. P2801.7
 - 9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 11TH ED.
 - 10.) THE MAXIMUM ALLOWABLE EXHAUST DUCT LENGTH SHALL BE DETERMINED BY ONE OF THE METHODS SPECIFIED IN SECTIONS M1502.4.5.1 THROUGH M1502.4.5.3
 - 11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA70-NEC 2017
 - 12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A)2)
 - 12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2017 - ARTICLE 210-52

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

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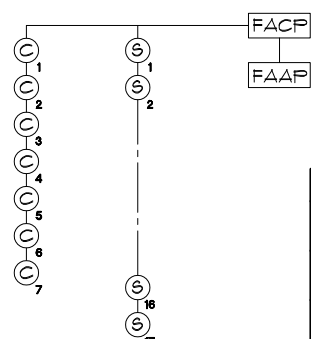
There are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than 1/2 inch in diameter and at least 20 ft. long, encased in 2 inches of concrete; (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.

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

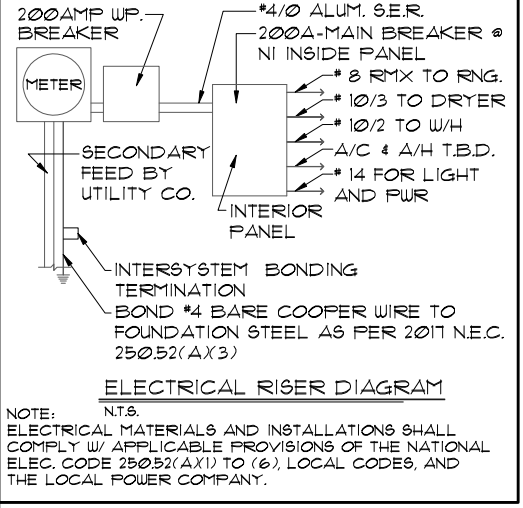
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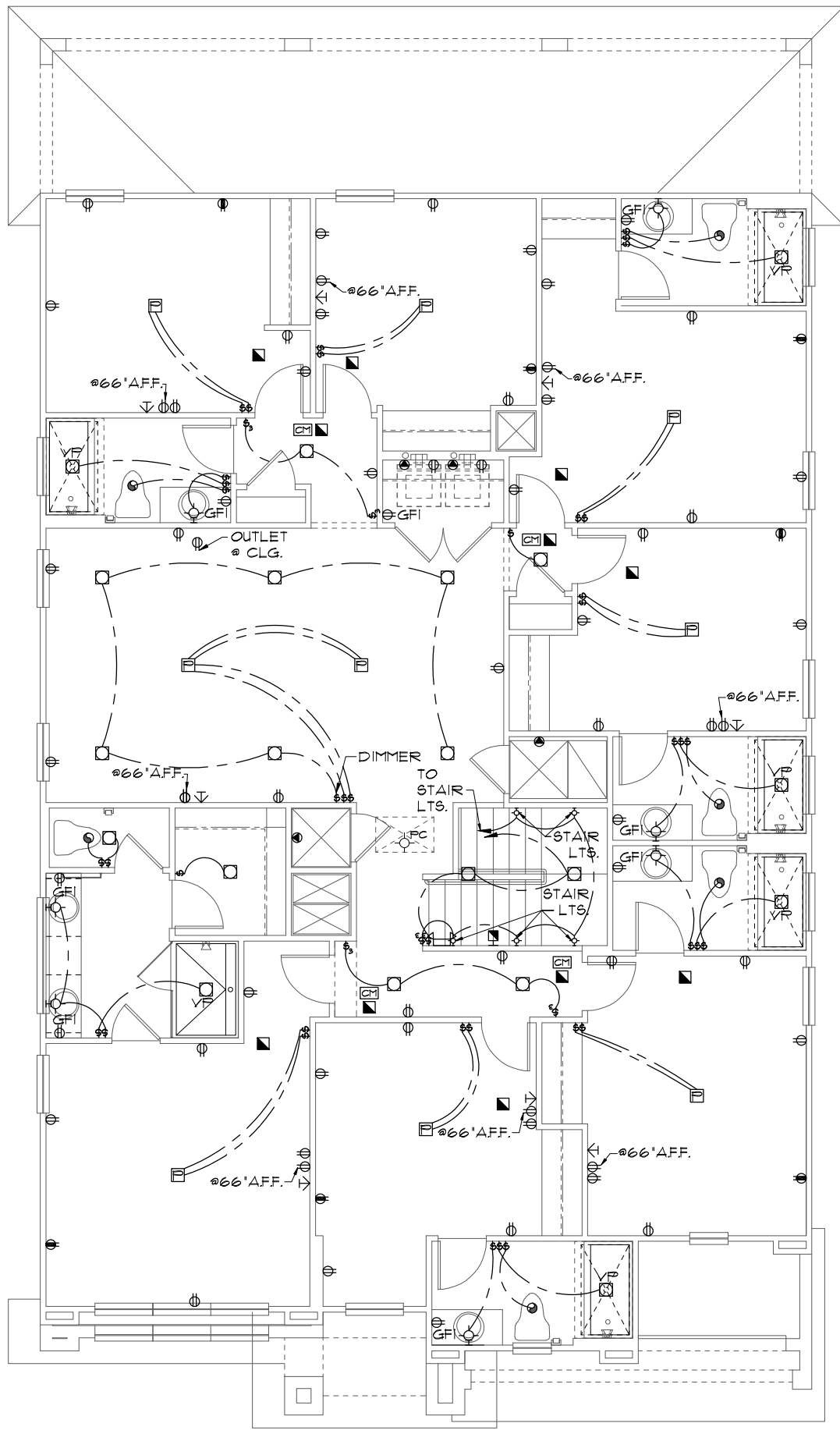
RISER DIAGRAM



LEGEND	
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FAAP	ANNUNCIATOR
C	CARBON MONOXIDE DETECTOR
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⊞	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
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⊞	LIGHT FIXT., EXT. FLOODS	⊞	THERMOSTAT
⊞	EXIT LIGHT FIXT., EMERG. EXIT	⊞	DISCONNECT SWITCH
⊞	LIGHT FIXT., EXIT/BACKUP	⊞	ELEC. POWER METER

UPPER ELECTRICAL PLAN "C"

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

LOT: 000, PARADISO GRANDE

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PARADISO GRANDE

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

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ELECTRICAL PLAN

4232

DATE 04-09-21

SCALE AS NOTED

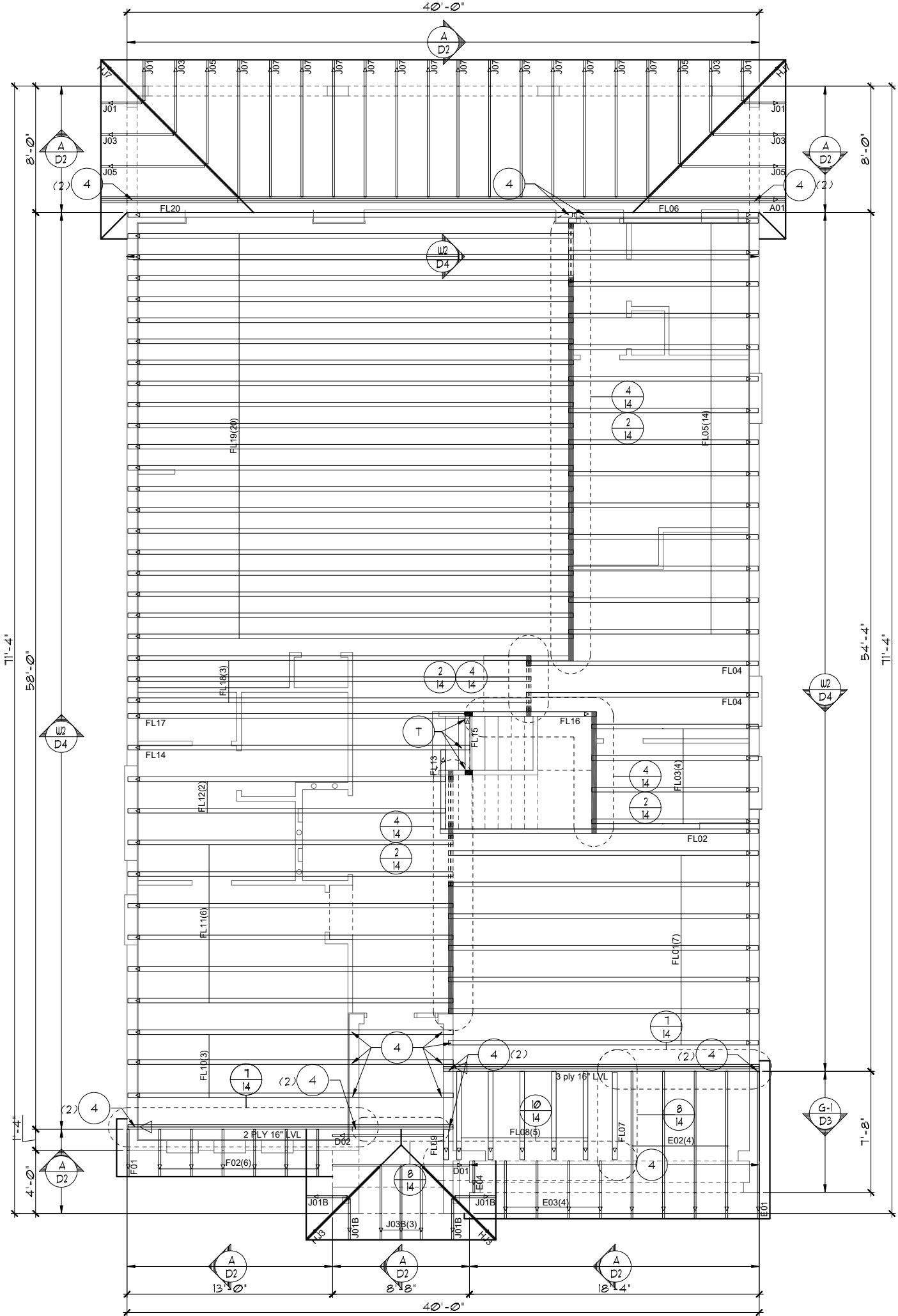
DRAWN RDC

JOB 4232

SHEET 10C.0

OF SHEETS

- NOTES**
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 7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 11TH EDITION R305.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
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TRUSS LAYOUT "A"
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TRUSS LAYOUT

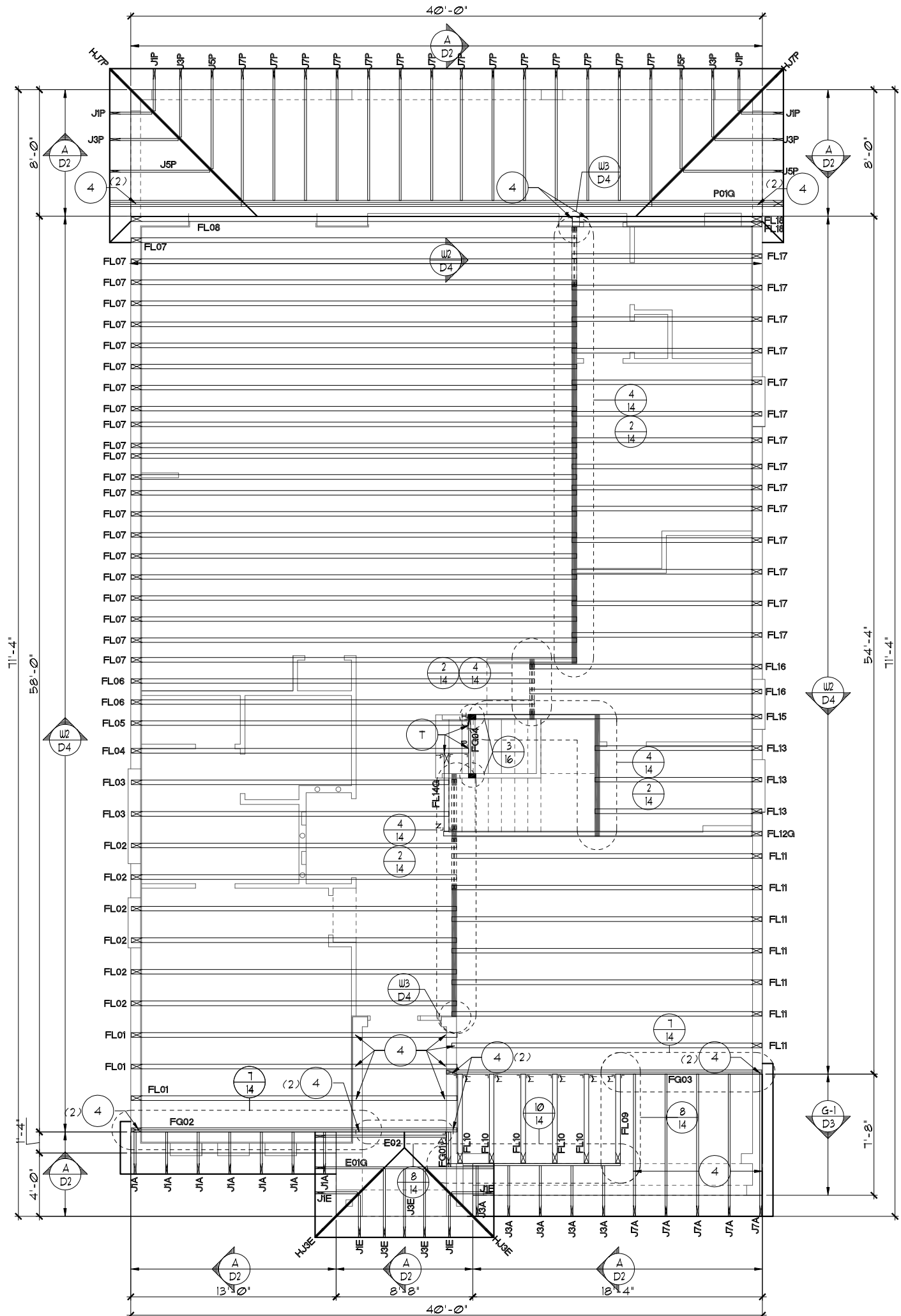
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DRAWN	RDC
JOB	4232
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TRUSS LAYOUT

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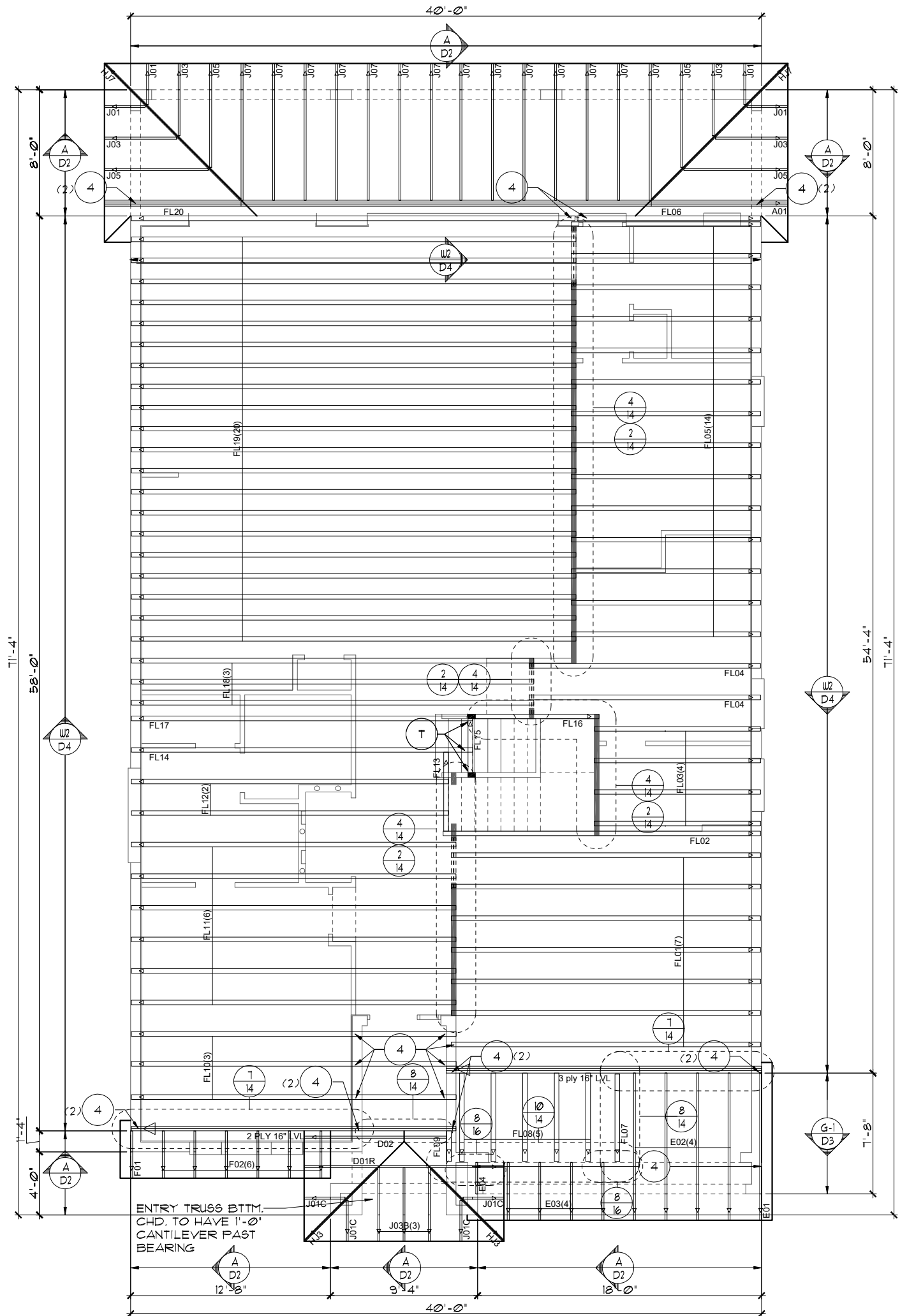
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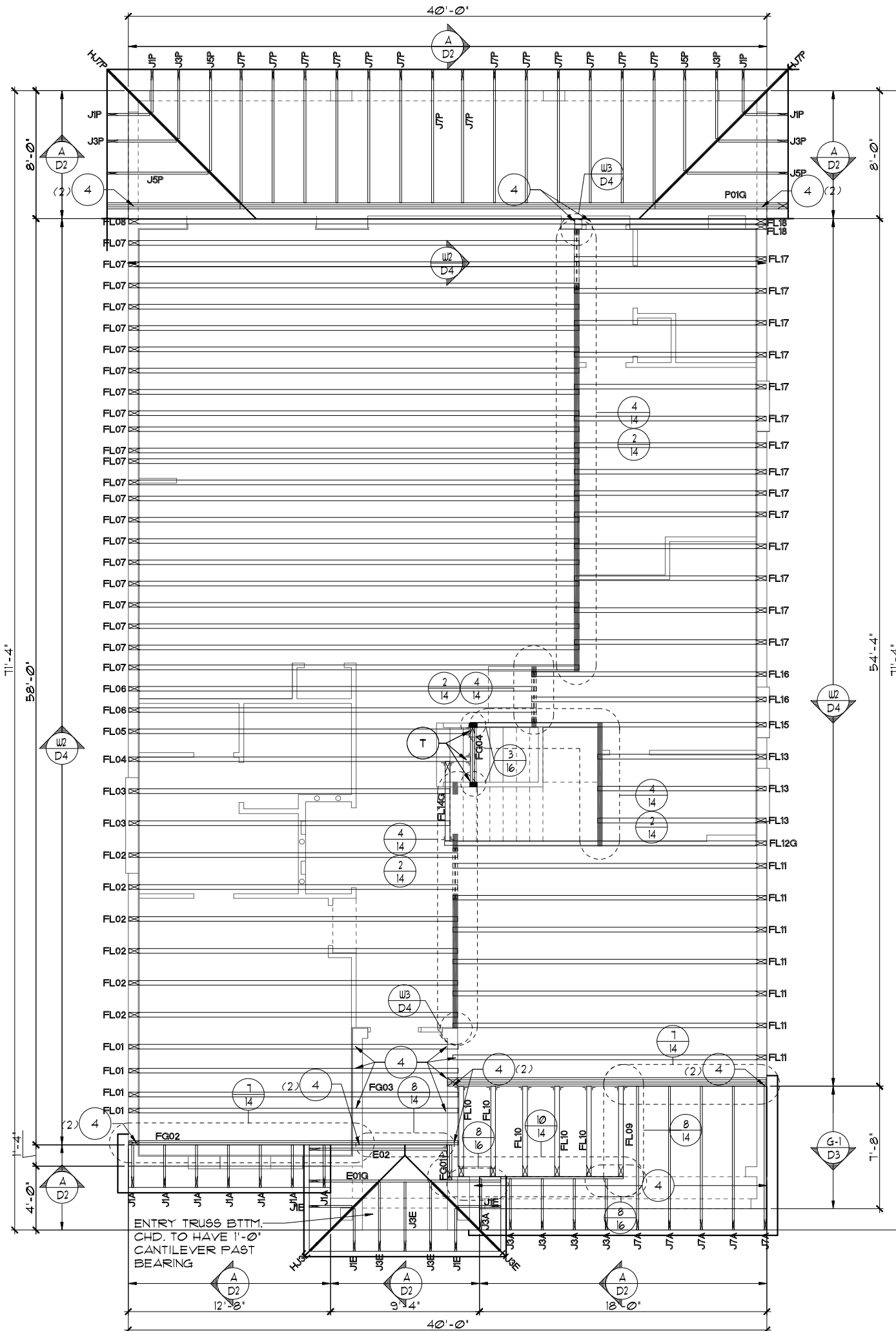
SHEET

11B.0

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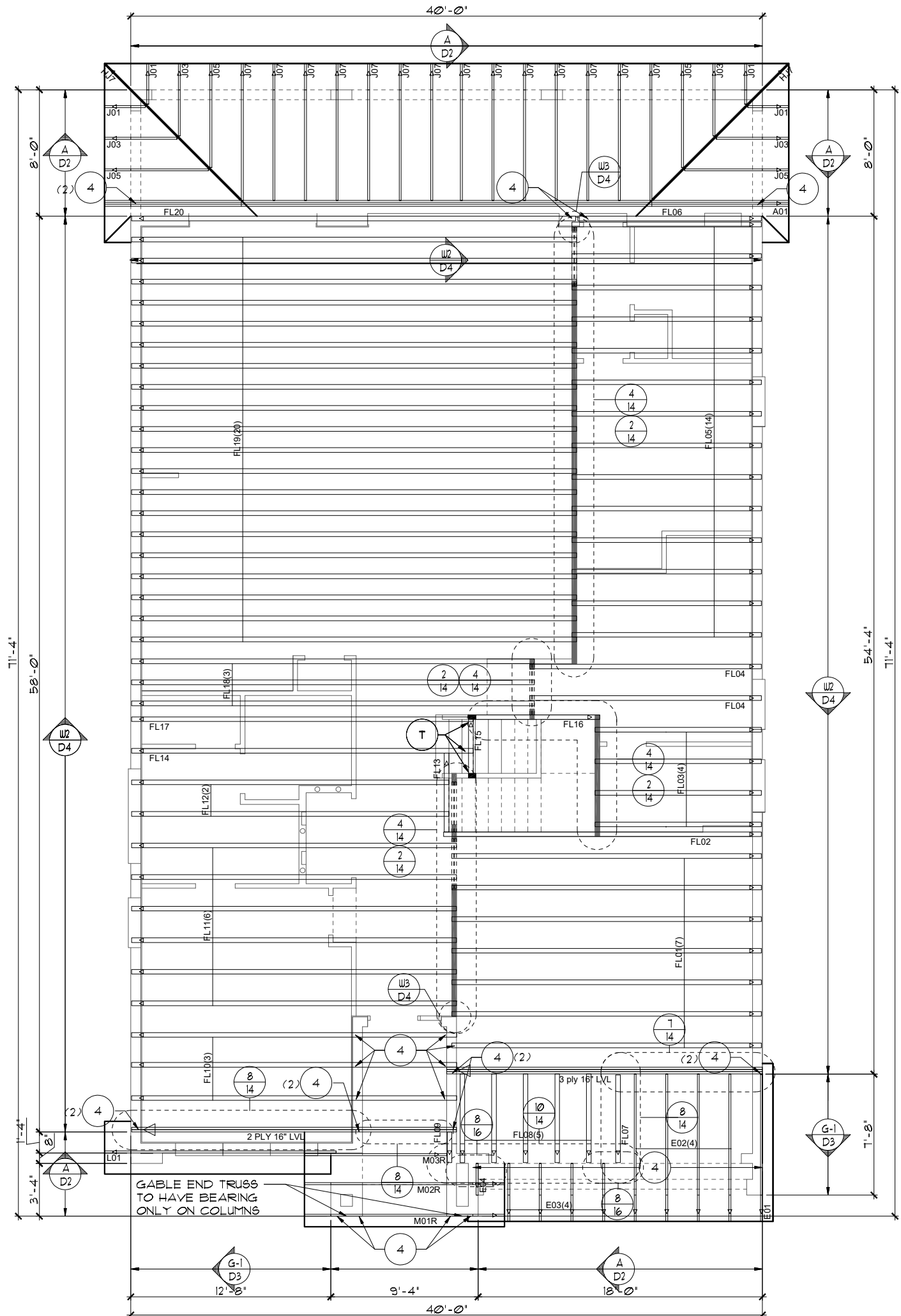
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Park Square HOMES

TRUSS LAYOUT

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PARADISO GRANDE

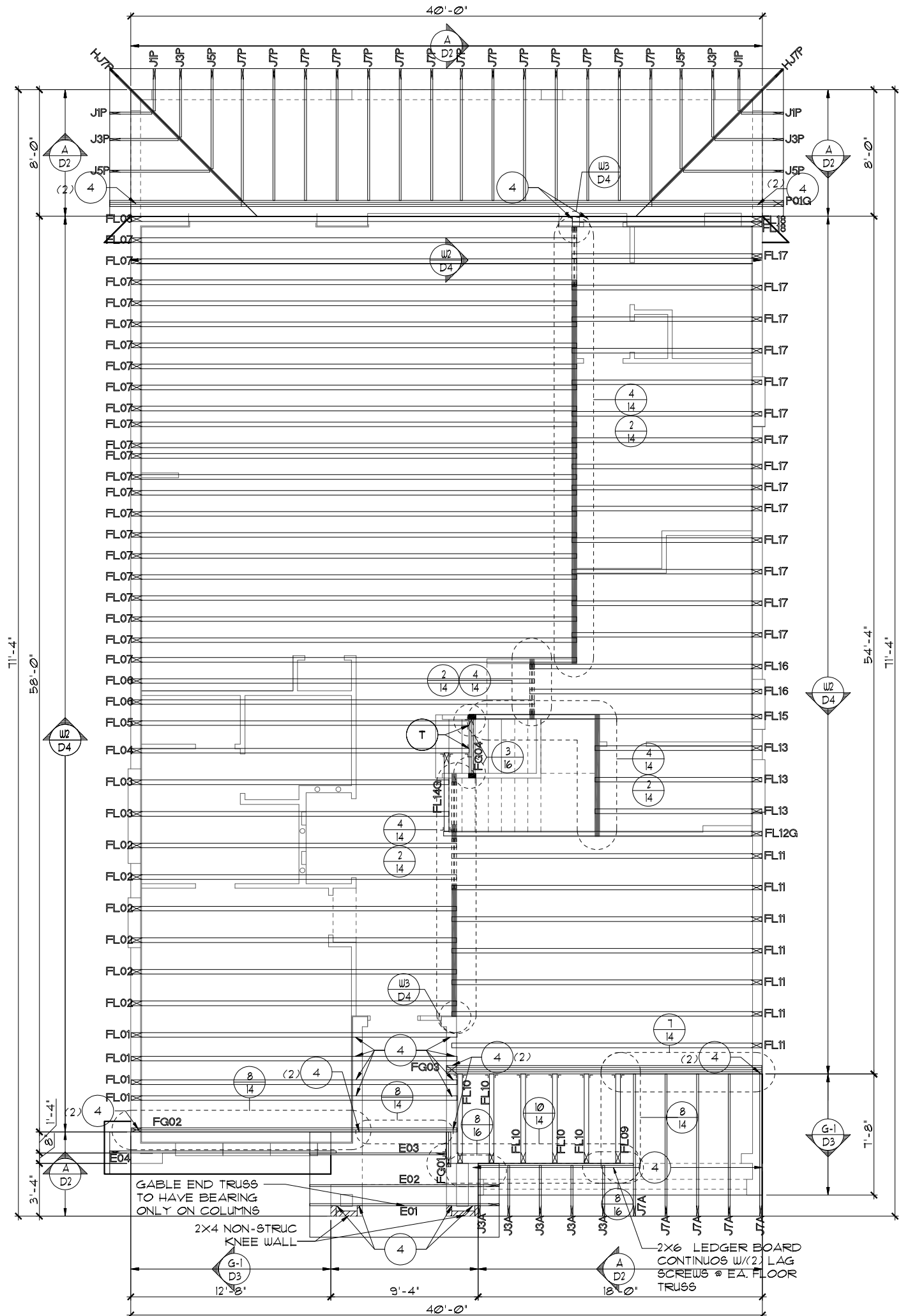
4232
DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 4232
SHEET
OF 11C.0 SHEETS

REVISIONS	BY

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

NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 11TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BC51 I.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 11TH EDITION R305.3.3.
Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :
• O-HAGIN - 1' X 19" HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 11TH EDITION ASTM C1492-R305.3.5



TRUSS LAYOUT "C"

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

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

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A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529 - 3000	
Park Square HOMES	
TRUSS LAYOUT	
REEF PARADISO GRANDE	
4232	
DATE	04-09-21
SCALE	AS NOTED
DRAWN	RDC
JOB	4232
SHEET	
OF 11C.0 SHEETS	

ATTIC VENTILATION CALCULATIONS

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

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

TOTAL VENTED SPACE: $\frac{2,387\text{SF}}{300} = \underline{7.96\text{SF}}$ NET FREE REQUIRED

UPPER PORTION VENTILATION TOTAL: **3.88SF.**
 PROVIDED W/OFF RIDGE VENTS: **4** VENTS @ **979SF.** /VENT.
 (TILE: O'HAGIN MODEL 'S', SHINGLE: LOMANCO T10-D OR MILLENNIUM METAL)
 LOWER PORTION VENTILATION TOTAL: **17.4SF.**
 PROVIDED W/OFFITS @ EAVE: **200LF.** @ **0.087SF** VENTING/L.F.

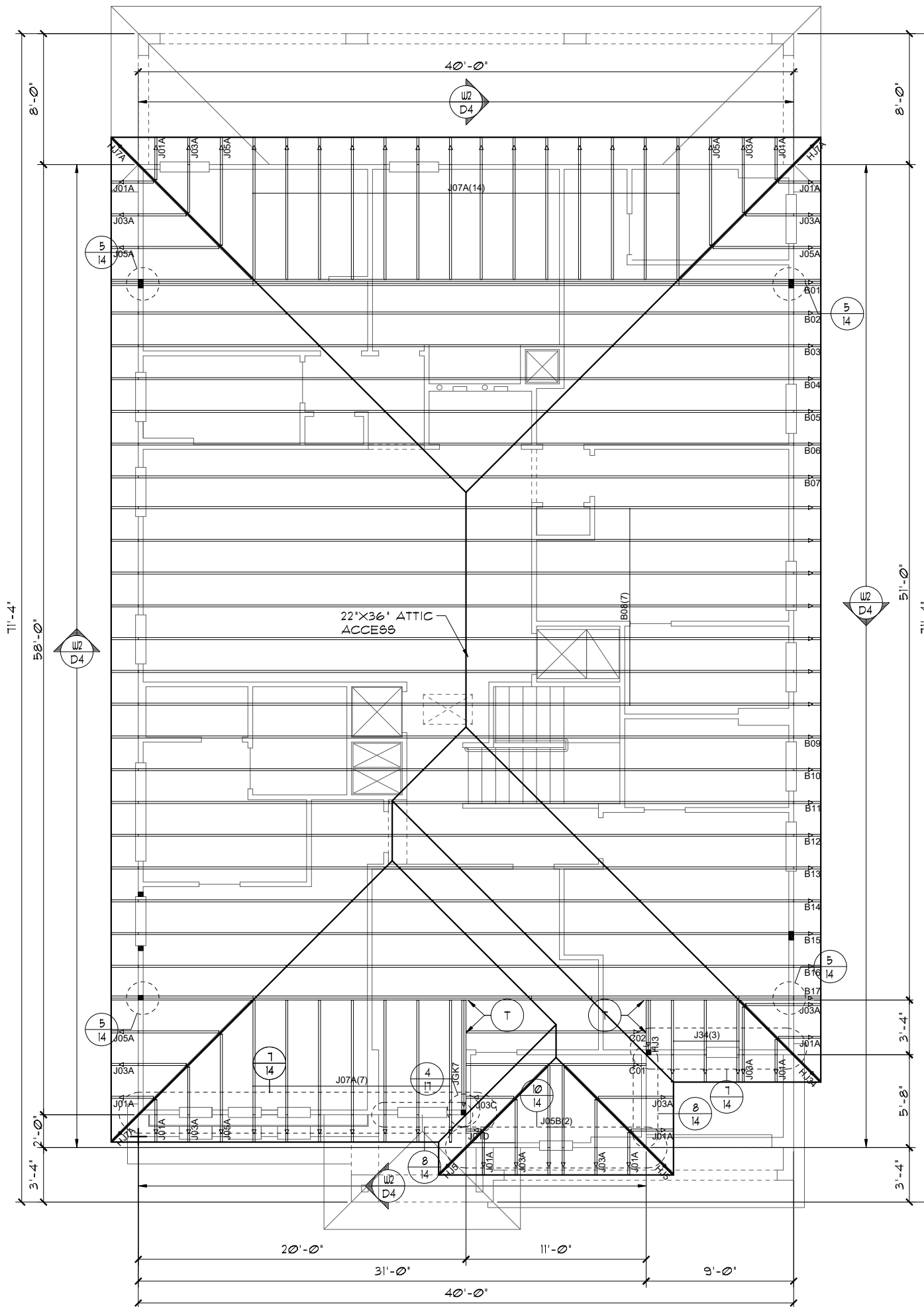
UPPER PORTION PERCENTAGE: **49%**
 LOWER PORTION PERCENTAGE: **51%**

NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE **8"** UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE **20"** UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 1TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BC51.1.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 1TH EDITION R305.1.1. - Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - LOMANCO : (2) 3 1/4" DIA. CIRCLES
 - MILLENNIUM METAL : 2 1/2" X 46" HOLE

TRUSS LAYOUT "A"

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



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

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PARADISO GRANDE

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Park Square
 HOMES

TRUSS LAYOUT

REEF
 PARADISO GRANDE

4232
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RBC
 JOB 4232
 SHEET
12A.0
 OF SHEETS

ATTIC VENTILATION CALCULATIONS

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

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

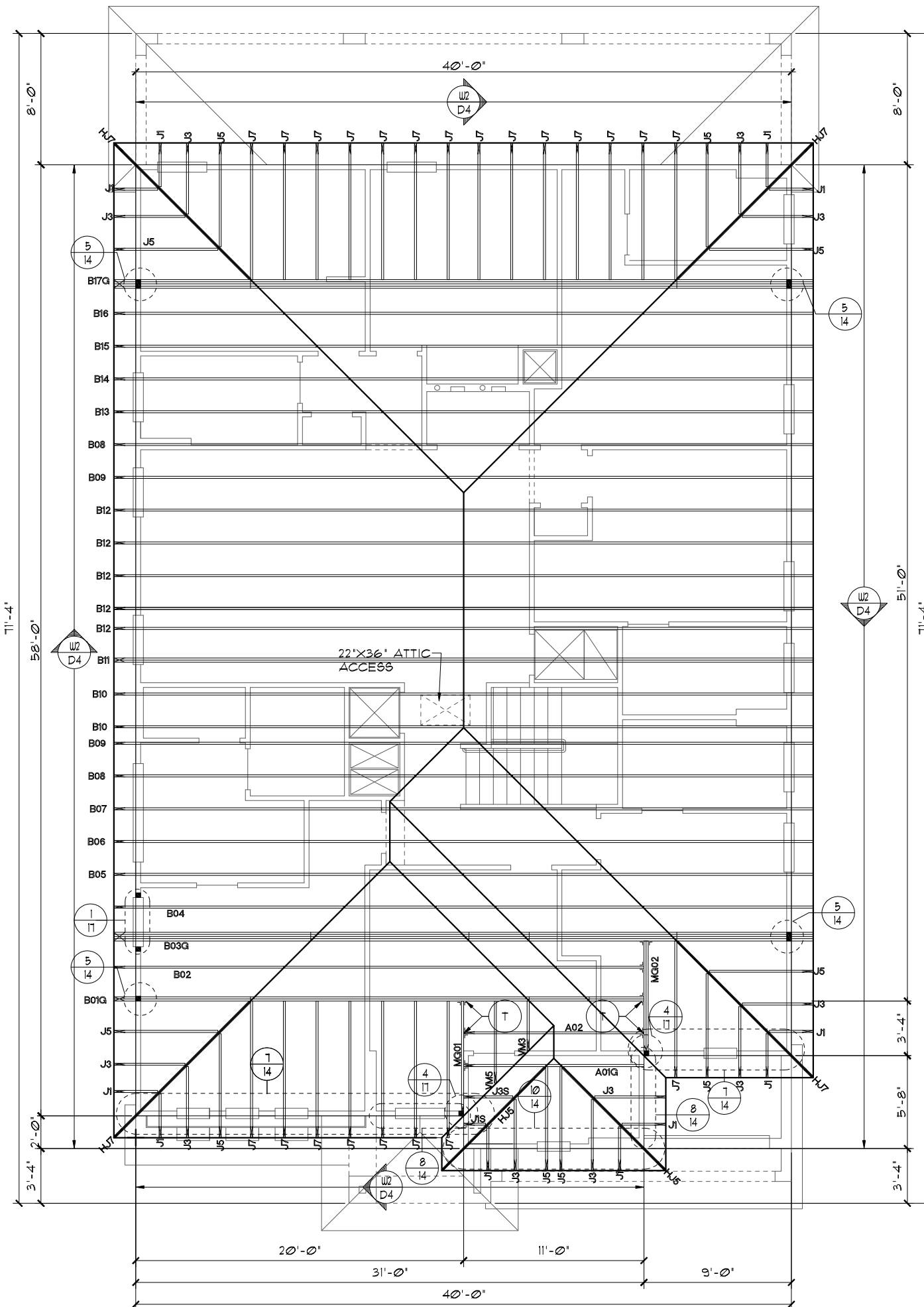
TOTAL VENTED SPACE: $\frac{2,387\text{S.F.}}{300} = \frac{7,96\text{S.F.}}{\text{REQUIRED}}$ NET FREE

UPPER PORTION VENTILATION TOTAL: **3,88S.F.**
 PROVIDED W/OFF RIDGE VENTS: **4 VENTS @ .97S.F. /VENT.**
 (TILE: O'HAGIN MODEL 'S', SHINGLE: LOMANCO T10-D OR MILLENNIUM METAL)
 LOWER PORTION VENTILATION TOTAL: **1,74S.F.**
 PROVIDED W/SOFFITS @ EAVE: **200L.F. @ 0.087S.F. VENTING/L.F.**

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

NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
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6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 11TH EDITION R305.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :
 - O'HAGIN - 1' X 19" HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 11TH EDITION ASTM C1492-R305.3.5



TRUSS LAYOUT "A"

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

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

LOT: 0000, PARADISO GRANDE

REF: 4232

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 4232

SHEET

12A.0

SHEETS

OF

PARADISO GRANDE
 Engineering By:
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TRUSS LAYOUT
 PARADISO GRANDE

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ATTIC VENTILATION CALCULATIONS

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

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

TOTAL VENTED SPACE: $\frac{2,387\text{SF}}{300} = \underline{7.96\text{SF}}$ NET FREE REQUIRED

UPPER PORTION VENTILATION TOTAL: **3.88SF.**
 PROVIDED W/OFF RIDGE VENTS: **4 VENTS @ 979SF.** /VENT.
 (TILE: O'HAGIN MODEL 'S', SHINGLE: LOMANCO T10-D OR MILLENNIUM METAL)
 LOWER PORTION VENTILATION TOTAL: **17.48SF.**
 PROVIDED W/OFFITS @ EAVE: **200LF.** @ **0.087SF** VENTING/L.F.

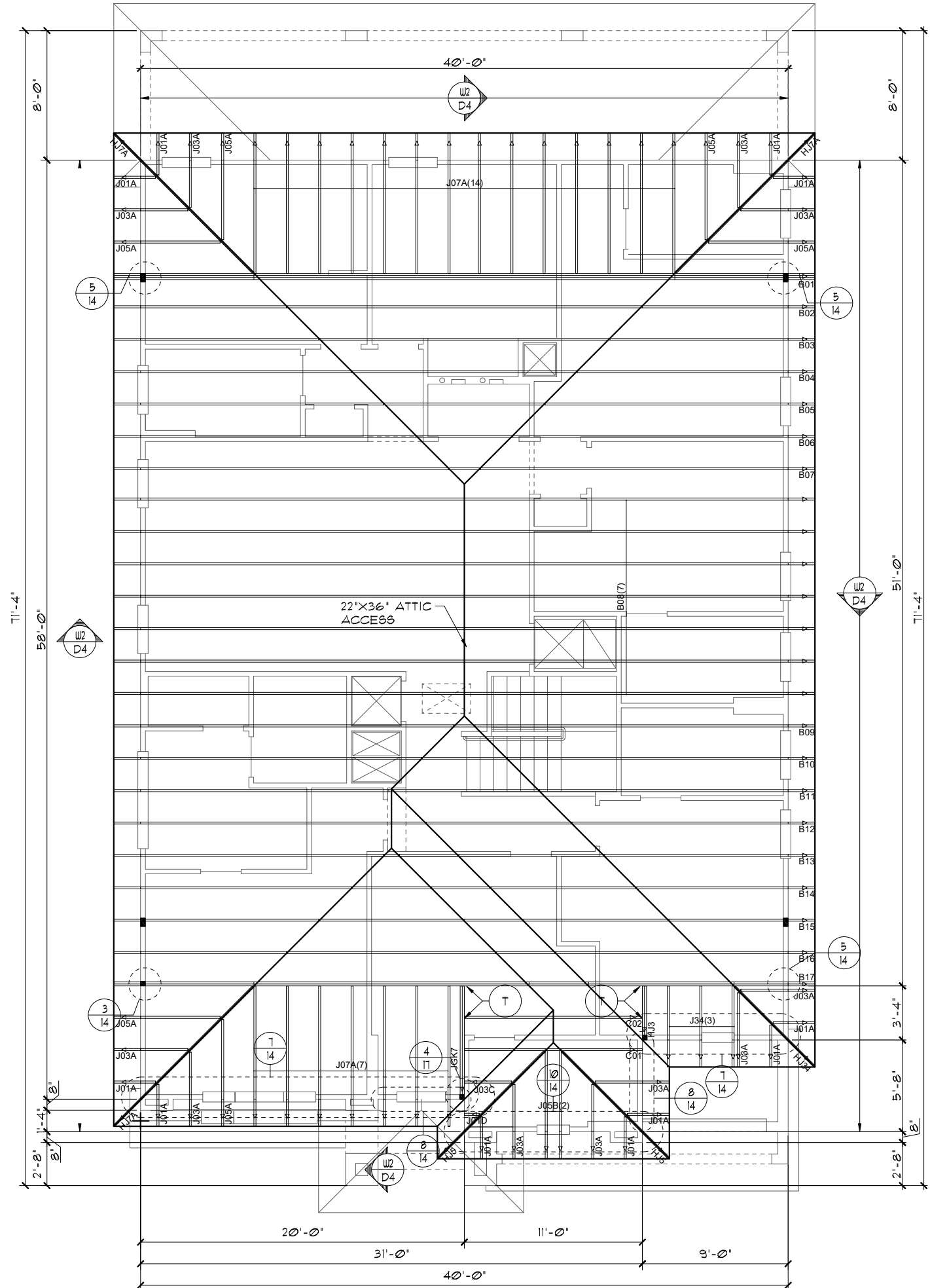
UPPER PORTION PERCENTAGE: **49%**
 LOWER PORTION PERCENTAGE: **51%**

NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE **8'** UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE **20'** UNLESS OTHERWISE NOTED.
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- ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
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- REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 1TH EDITION R305.1.1. - 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:
 - LOMANCO : (2) 3 1/4" DIA. CIRCLES
 - MILLENNIUM METAL : 2 1/2" X 46" HOLE

TRUSS LAYOUT "B"

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



LOT: 0000, PARADISO GRANDE

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

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Park Square
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TRUSS LAYOUT

REEF

PARADISO GRANDE

4232
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RBC
 JOB 4232
 SHEET
12B.0
 OF SHEETS

ATTIC VENTILATION CALCULATIONS

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

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

TOTAL VENTED SPACE: $\frac{2,387\text{S.F.}}{300} = \frac{7.96\text{S.F.}}{\text{NET FREE REQUIRED}}$

UPPER PORTION VENTILATION TOTAL: **3.88S.F.**
 PROVIDED W/OFF RIDGE VENTS: **4 VENTS @ .97S.F. /VENT.**
 (TILE: O'HAGIN MODEL 'S', SHINGLE: LOMANCO T10-D OR MILLENNIUM METAL)
 LOWER PORTION VENTILATION TOTAL: **1.74S.F.**
 PROVIDED W/SOFFITS @ EAVE: **200L.F. @ 0.0087S.F. VENTING/L.F.**

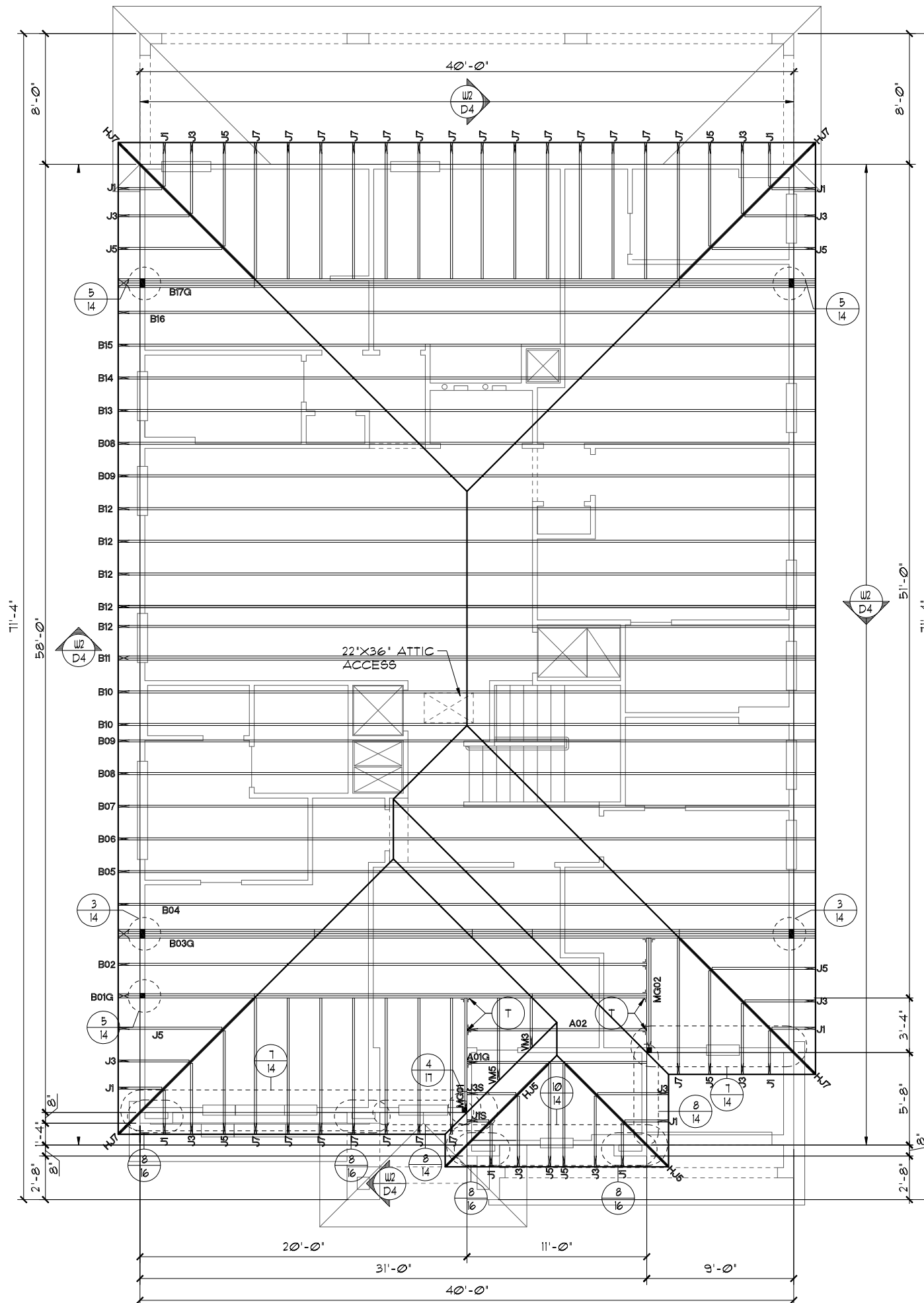
UPPER PORTION PERCENTAGE: **49%**
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- REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 11TH EDITION R305.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
- OFF RIDGE VENTS MAXIMUM OPENING SIZES :
 - O'HAGIN - 1' X 19" HOLE
- TILE ROOF TO BE INSTALLED IAW FBCR 2020, 11TH EDITION ASTM C1492-R305.3.5

TRUSS LAYOUT "B"

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



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TRUSS LAYOUT

REEF
 PARADISO GRANDE

4232

DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 4232
 SHEET
12B.0
 OF SHEETS

ATTIC VENTILATION CALCULATIONS

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TOTAL VENTED SPACE: $\frac{2,387\text{S.F.}}{300} = \frac{7,96\text{S.F.}}{300}$ NET FREE REQUIRED

UPPER PORTION VENTILATION TOTAL: **3,88S.F.**
 PROVIDED W/OFF RIDGE VENTS: **4 VENTS @ .97S.F. /VENT.**
 (TILE: O'HAGIN MODEL "S", SHINGLE: LOMANCO T10-D OR MILLENNIUM METAL)
 LOWER PORTION VENTILATION TOTAL: **1,74S.F.**
 PROVIDED W/SOFFITS @ EAVE: **200L.F. @ 0.087S.F. VENTING/L.F.**

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

NOTES

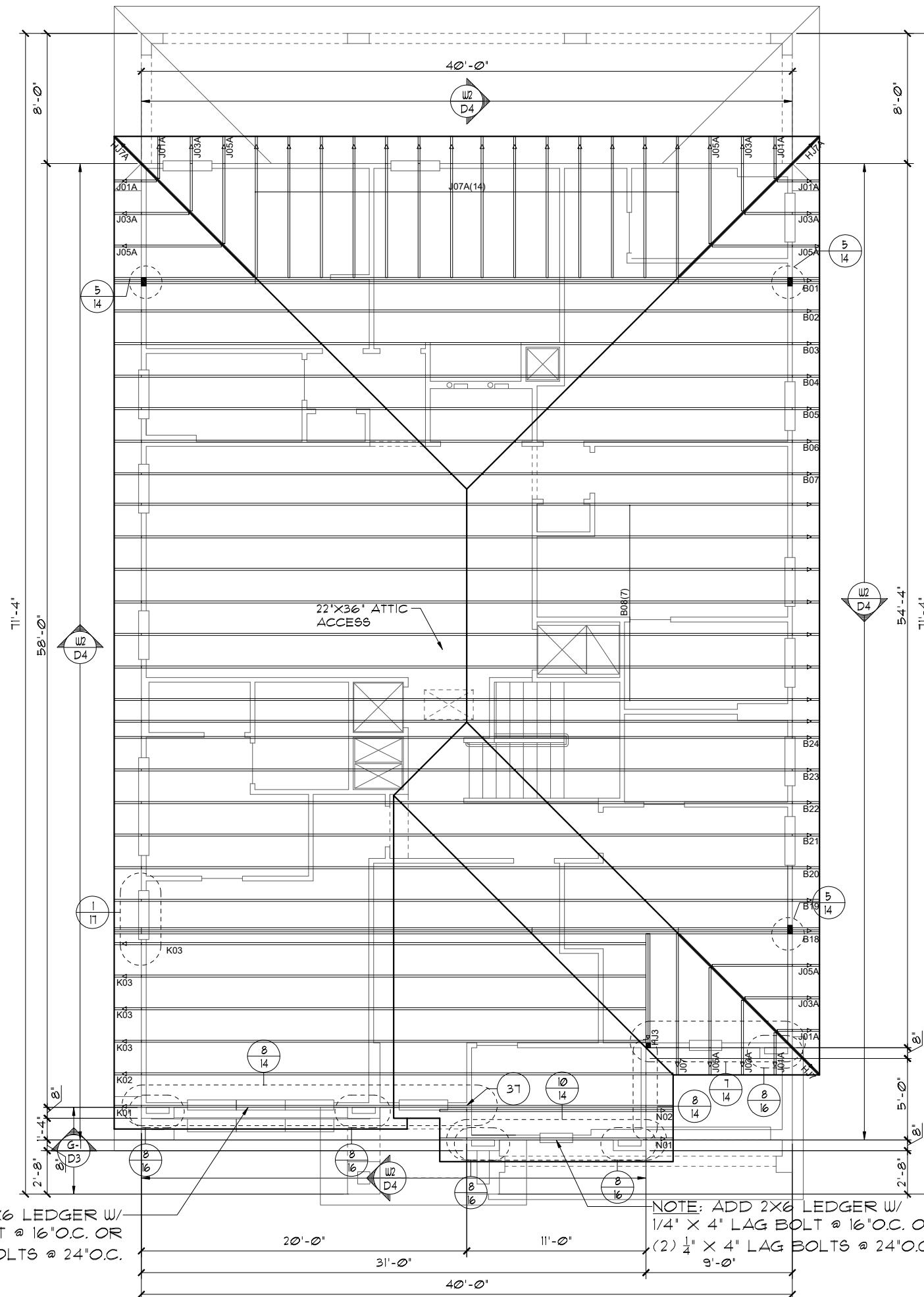
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8. OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - O'HAGIN - 1' X 19" HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 11TH EDITION ASTM C1492-R305.3.5

TRUSS LAYOUT "C"

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

NOTE: ADD 2X6 LEDGER W/ 1/4" X 4" LAG BOLT @ 16" O.C. OR (2) 1/4" X 4" LAG BOLTS @ 24" O.C.

NOTE: ADD 2X6 LEDGER W/ 1/4" X 4" LAG BOLT @ 16" O.C. OR (2) 1/4" X 4" LAG BOLTS @ 24" O.C.



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LOT: 0000, PARADISO GRANDE

REEF

TRUSS LAYOUT

PARADISO GRANDE

DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 4232
 SHEET
 4232 OF 12C.0 SHEETS

PARADISO GRANDE
 Engineering By: DBE and C
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ATTIC VENTILATION CALCULATIONS

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

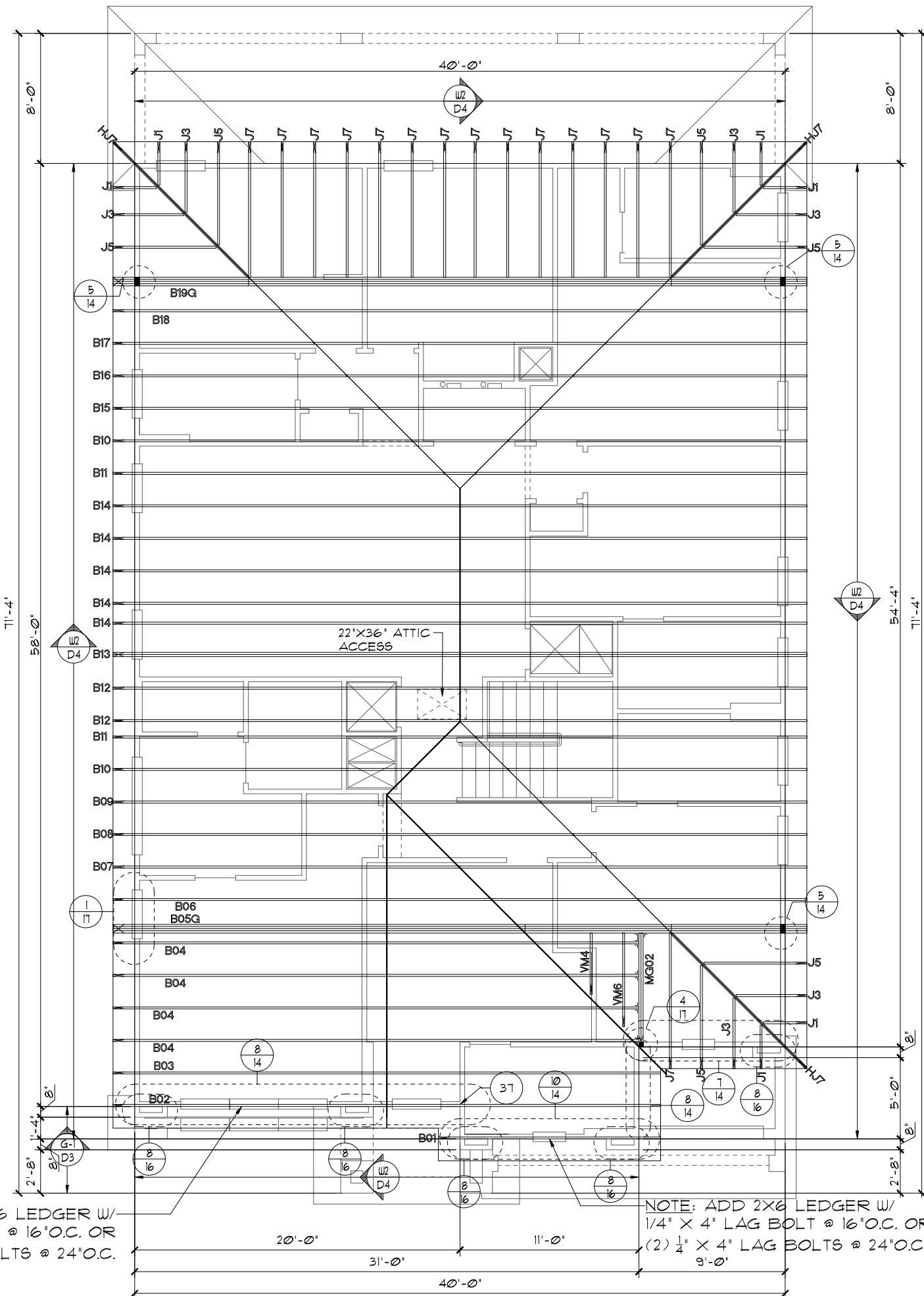
TOTAL VENTED SPACE: $\frac{2,387\text{S.F.}}{300} = \frac{7,96\text{S.F.}}{\text{REQUIRED}}$

UPPER PORTION VENTILATION TOTAL: **3,88S.F.**
 PROVIDED W/OFF RIDGE VENTS: **4 VENTS @ .97S.F. /VENT.**
 (TILE: O'HAGIN MODEL 'S', SHINGLE: LOMANCO T10-D OR MILLENNIUM METAL)
 LOWER PORTION VENTILATION TOTAL: **17.4S.F.**
 PROVIDED W/SOFFITS @ EAVE: **200L.F. @ 0.087S.F. VENTING/L.F.**

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

NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
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 - O'HAGIN - 1' X 19" HOLE
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NOTE: ADD 2X6 LEDGER W/ 1/4" X 4" LAG BOLT @ 16" O.C. OR (2) 1/4" X 4" LAG BOLTS @ 24" O.C.

NOTE: ADD 2X6 LEDGER W/ 1/4" X 4" LAG BOLT @ 16" O.C. OR (2) 1/4" X 4" LAG BOLTS @ 24" O.C.

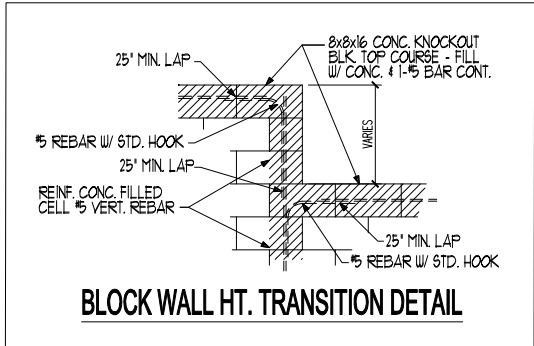
TRUSS LAYOUT "C"

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

LOT: 000, 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	
TRUSS LAYOUT	
REFEER	PARADISO GRANDE
4232	DATE 04-09-21
	SCALE AS NOTED
	DRAWN RDC
	JOB 4232
	SHEET
	12C.0
	SHEETS



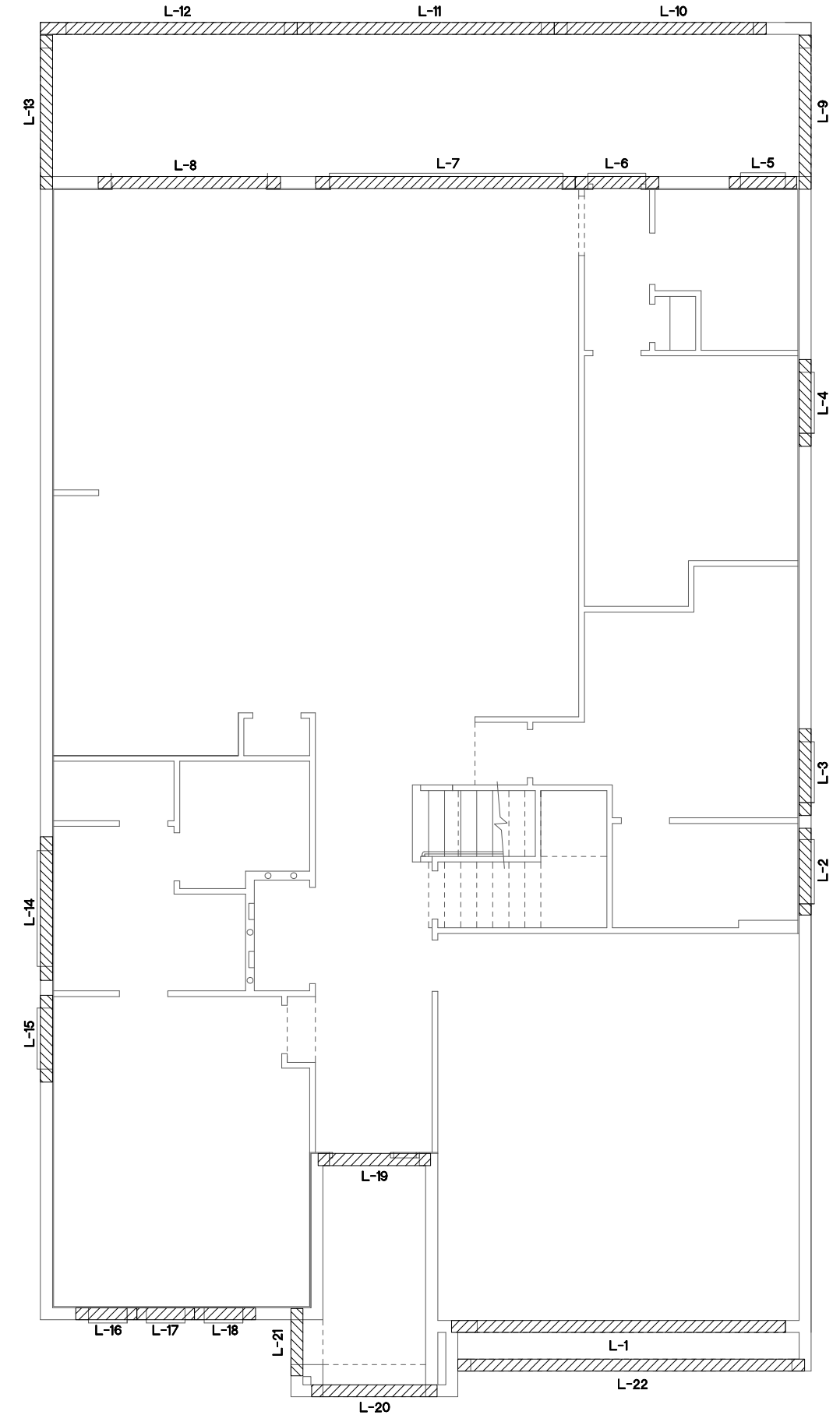
BLOCK WALL HT. TRANSITION DETAIL

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

LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	11'-4"	8F30-1B/1T	GARAGE DOOR
L 2	4'-6"	8F24-0B/1T	3/4X1/0 F.G.
L 3	4'-6"	8F24-0B/1T	SH25
L 4	4'-4"	8F24-0B/1T	SH25
L 5	3'-6"	8F24-0B/1T	SH1H3
L 6	4'-4"	8RF20-0B/1T	POOL BA. DOOR
L 7	13'-4"	8F24-0B/1T	12/0X8/0 S.G.D.
L 8	9'-4"	8F24-0B/1T	8/0X8/0 S.G.D.
L 9	8'-0"	8F16-1B/1T	LANA1
L 10	11'-0"	8F16-1B/1T	LANA1
L 11	13'-4"	8F16-1B/1T	LANA1
L 12	13'-4"	8F16-1B/1T	LANA1
L 13	8'-0"	8F16-1B/1T	LANA1
L 14	7'-6"	8F16-0B/1T	6/0X1/0 F.G.
L 15	4'-6"	8F24-0B/1T	SH25
L 16	3'-6"	8F24-0B/1T	3/0X5/0 CLR. F.G.
L 17	3'-0"	8F24-0B/1T	3/0X5/0 CLR. F.G.
L 18	3'-6"	8F24-0B/1T	3/0X5/0 CLR. F.G.
L 19	5'-10"	8RF20-0B/1T	FRONT DOOR
L 20	6'-6"	8F16-0B/1T	FRONT ENTRY
L 21	3'-6"	8F16-0B/1T	FRONT ENTRY
L 22	19'-4"	8F24-0B/1T	GARAGE ENTRY
L 23			
L 24			
L 25			
L 26			
L 27			

PRE CAST LINTEL LAYOUT "A"

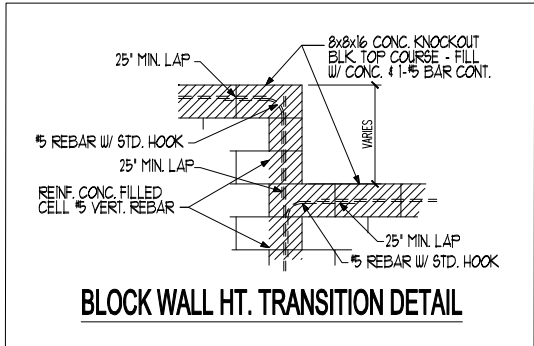
1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)



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Engineering By: DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292	REVISIONS	BY
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	
REEF	PARADISO GRANDE	
4232	DATE	04-09-21
	SCALE	AS NOTED
	DRAWN	RDC
	JOB	4232
SHEET	13A.0	
OF	SHEETS	



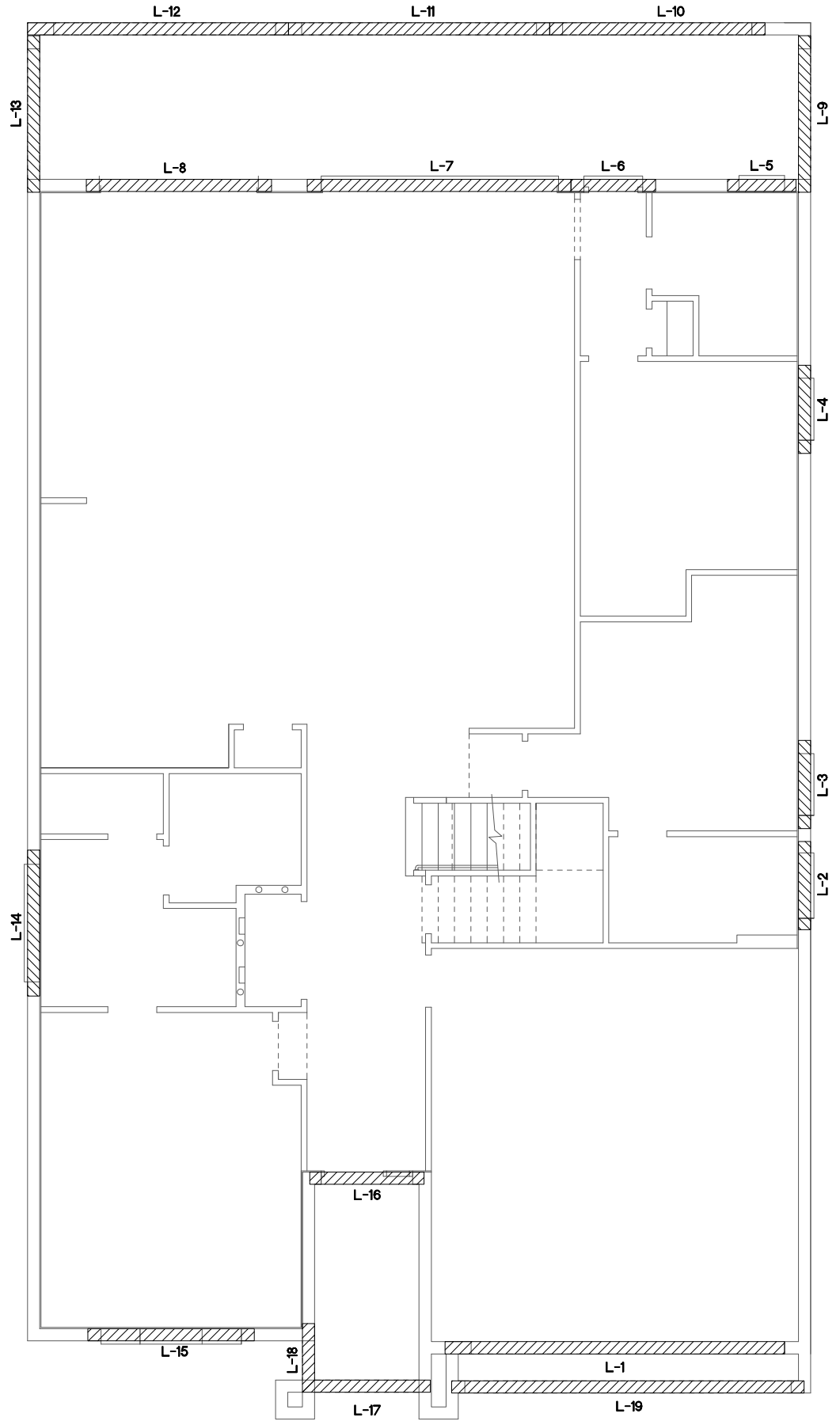
BLOCK WALL HT. TRANSITION DETAIL

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

LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	11'-4"	8F30-1B/IT	GARAGE DOOR
L 2	4'-6"	8F24-0B/IT	3/4X1/0 F.G.
L 3	4'-6"	8F24-0B/IT	SH25
L 4	4'-4"	8F24-0B/IT	SH25
L 5	3'-6"	8F24-0B/IT	SH1H3
L 6	4'-4"	8RF20-0B/IT	POOL BA. DOOR
L 7	13'-4"	8F24-0B/IT	12/0X8/0 S.G.D.
L 8	9'-4"	8F24-0B/IT	8/0X8/0 S.G.D.
L 9	8'-0"	8F16-1B/IT	LANA1
L 10	11'-0"	8F16-1B/IT	LANA1
L 11	13'-4"	8F16-1B/IT	LANA1
L 12	13'-4"	8F16-1B/IT	LANA1
L 13	8'-0"	8F16-1B/IT	LANA1
L 14	7'-6"	8F16-0B/IT	6/0X1/0 F.G.
L 15	8'-8"	8F24-0B/IT	SH25, (2) 2/0X5/0 CLR. F.G.
L 16	5'-10"	8RF20-0B/IT	FRONT DOOR
L 17	6'-6"	8F8-0B/IT	FRONT ENTRY
L 18	3'-6"	8F8-0B/IT	FRONT ENTRY
L 19	19'-4"	8F24-0B/IT	GARAGE ENTRY
L 20			
L 21			
L 22			
L 23			
L 24			
L 25			
L 26			
L 27			

PRE CAST LINTEL LAYOUT "B"

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

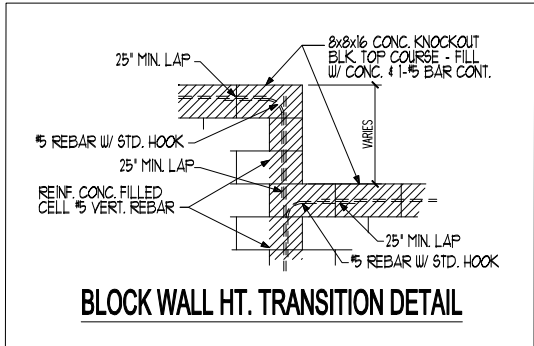


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A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida, 32811 Phone: (407) 529 - 3000	REEF PARADISO GRANDE	
4232 DATE 04-09-21 SCALE AS NOTED DRAWN RDC JOB 4232 SHEET 13B.0 OF SHEETS	PRE CAST LINTEL LAYOUT	

PARADISO GRANDE



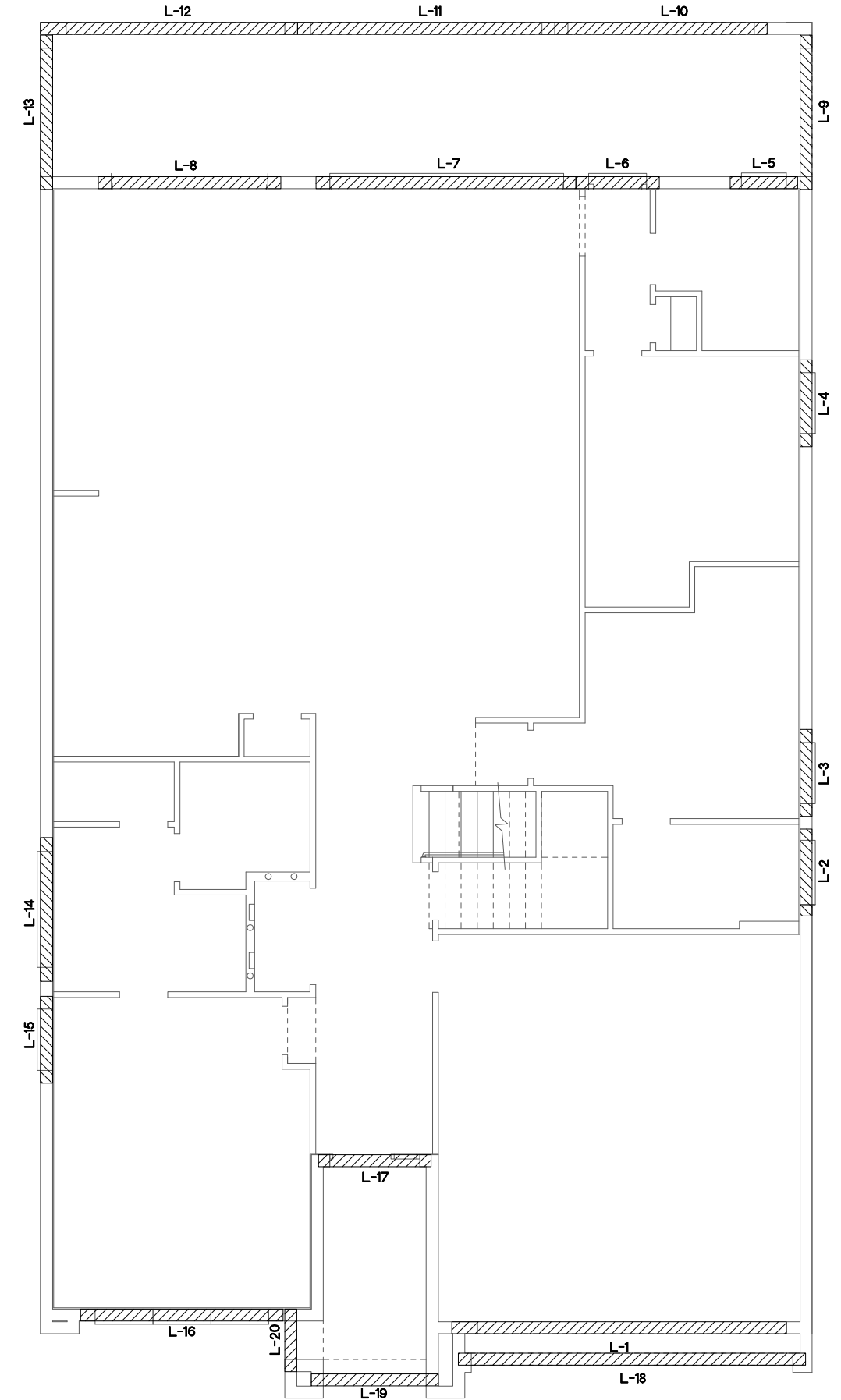
BLOCK WALL HT. TRANSITION DETAIL

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

LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	11'-4"	8F30-1B/IT	GARAGE DOOR
L 2	4'-6"	8F24-0B/IT	3/4X1/0 F.G.
L 3	4'-6"	8F24-0B/IT	SH25
L 4	4'-6"	8F24-0B/IT	SH25
L 5	3'-6"	8F24-0B/IT	SH1H3
L 6	4'-4"	8RF20-0B/IT	POOL BA. DOOR
L 7	13'-4"	8F24-0B/IT	12/0X8/0 S.G.D.
L 8	9'-4"	8F24-0B/IT	8/0X8/0 S.G.D.
L 9	8'-0"	8F16-1B/IT	LANA1
L 10	11'-0"	8F16-1B/IT	LANA1
L 11	13'-4"	8F16-1B/IT	LANA1
L 12	13'-4"	8F16-1B/IT	LANA1
L 13	8'-0"	8F16-1B/IT	LANA1
L 14	7'-6"	8F16-0B/IT	6/0X1/0 F.G.
L 15	4'-6"	8F24-0B/IT	SH25
L 16	10'-6"	8F24-0B/IT	(3) 3/0X5/0 CLR. F.G.
L 17	5'-10"	8RF20-0B/IT	FRONT DOOR
L 18	19'-4"	8F24-0B/IT	GARAGE ENTRY
L 19	6'-6"	8F8-0B/IT	FRONT ENTRY
L 20	3'-6"	8F8-0B/IT	FRONT ENTRY
L 21			
L 22			
L 23			
L 24			
L 25			
L 26			
L 27			

PRE CAST LINTEL LAYOUT "C"

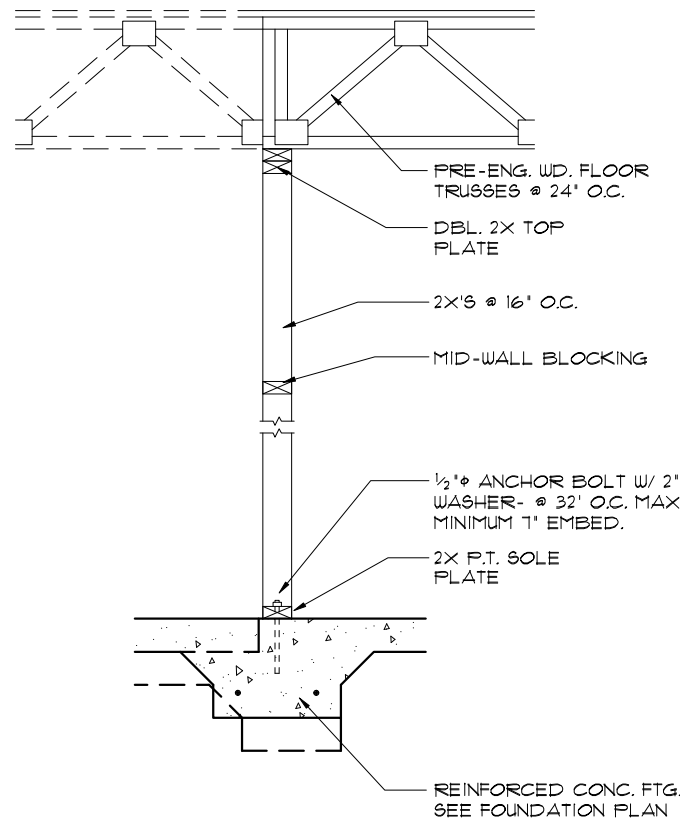
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



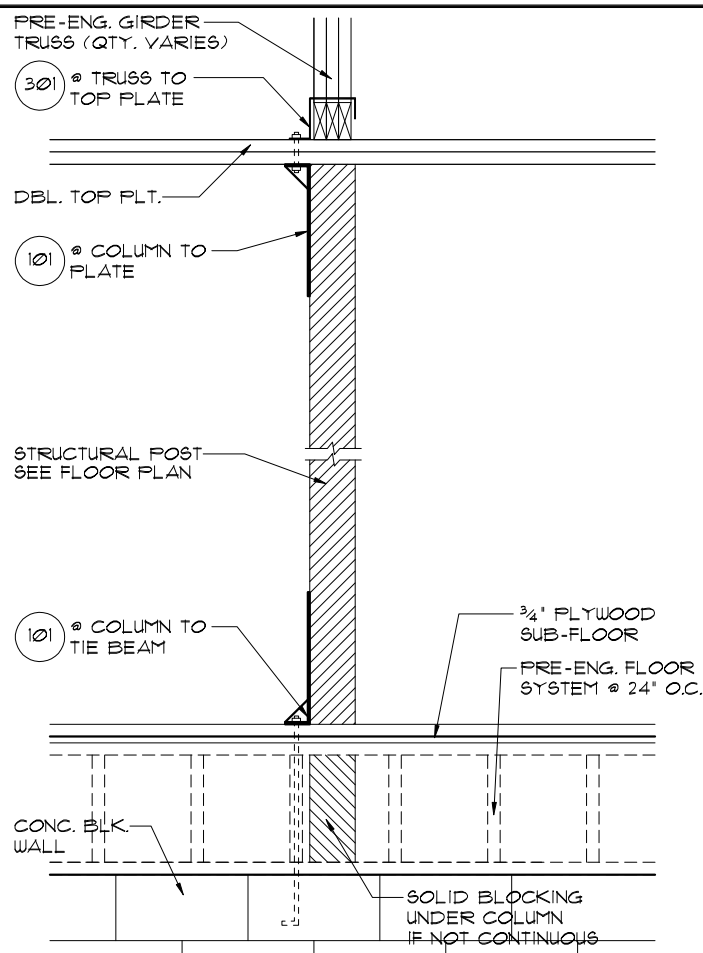
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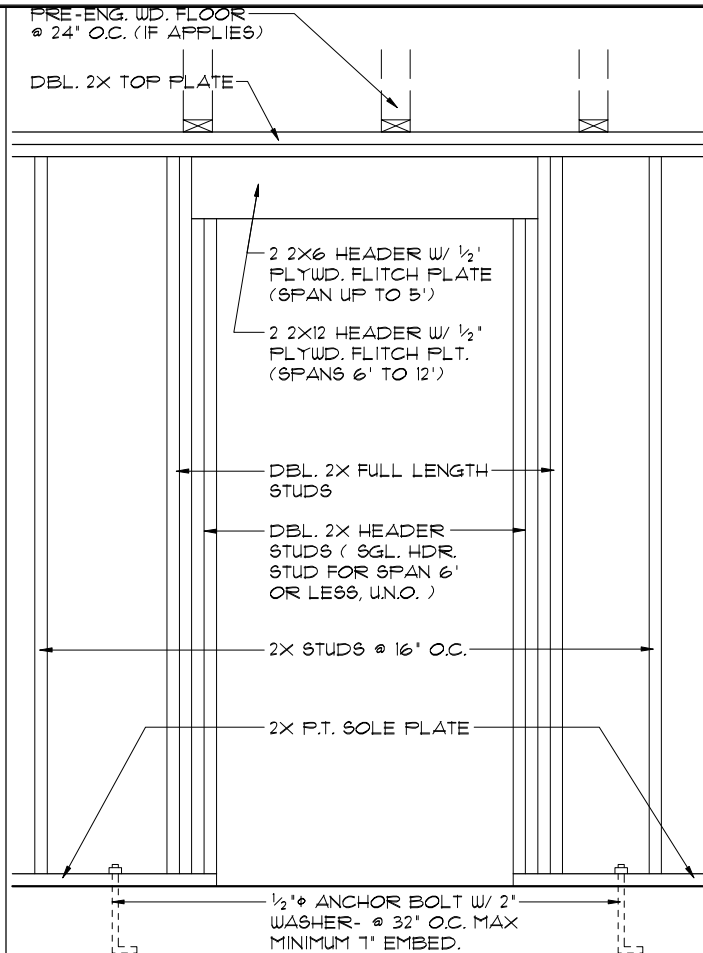
REEF PARADISO GRANDE		4232 DATE 04-09-21	
		SCALE AS NOTED	
DRAWN RDC		JOB 4232	
SHEET 13C.0 OF 9 SHEETS		Engineering By: DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292	
A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida, 32811 Phone: (407) 529 - 3000		PARADISO GRANDE PRE CAST LINTEL LAYOUT	



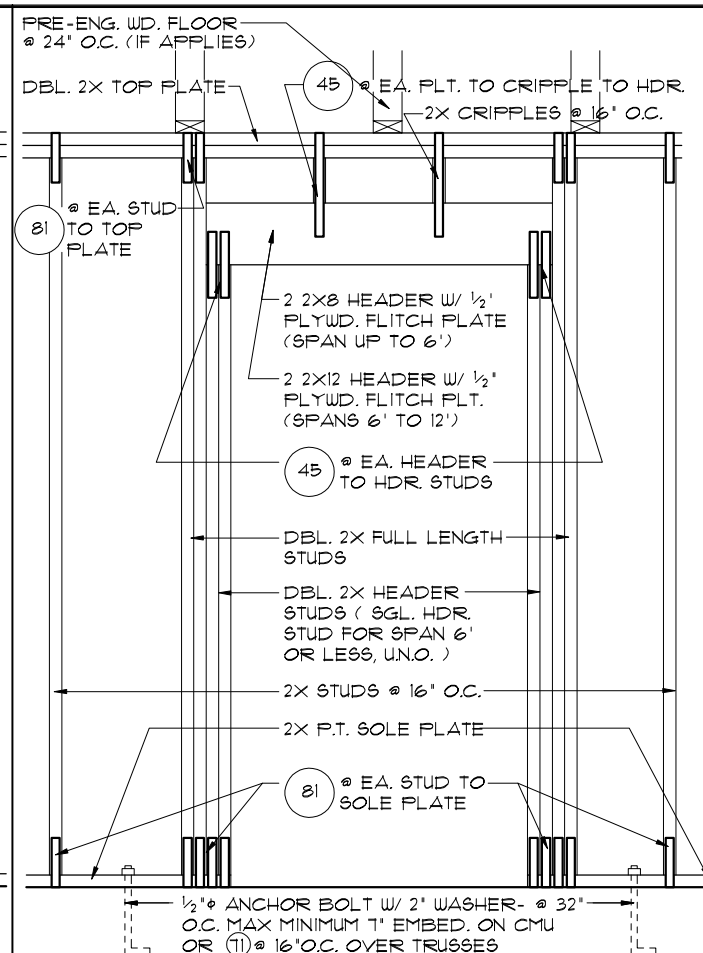
4 DETAIL
14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



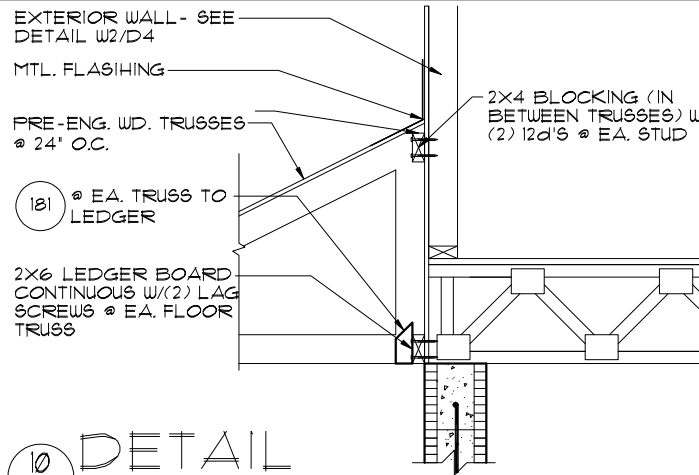
3 DETAIL
14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



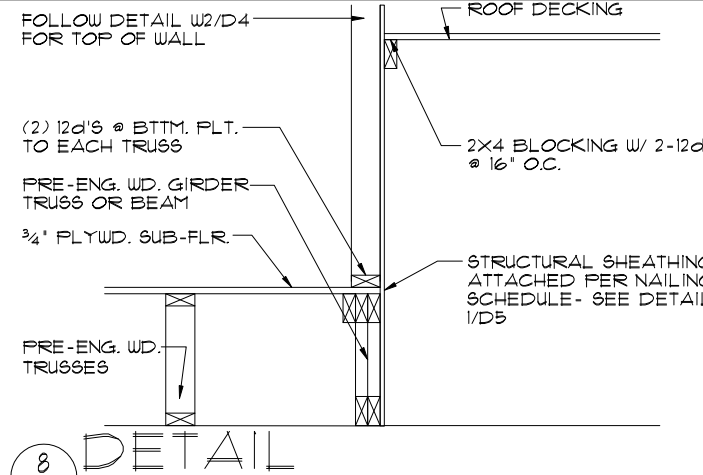
2 DETAIL (BRG. W/O UPLIFT)
14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



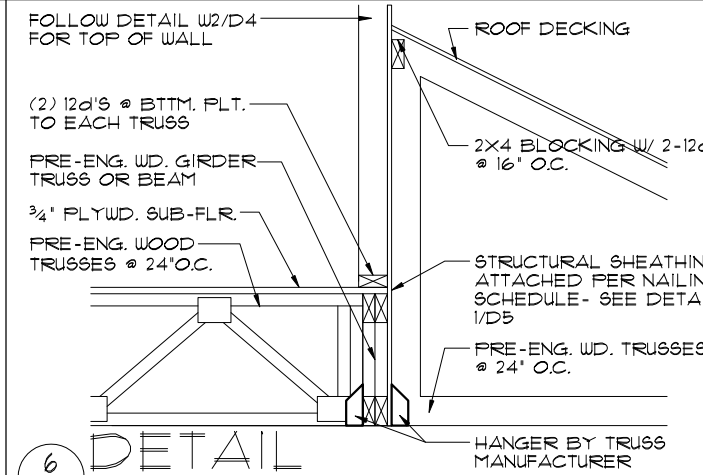
1 DETAIL (BRG. W/ UPLIFT)
14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



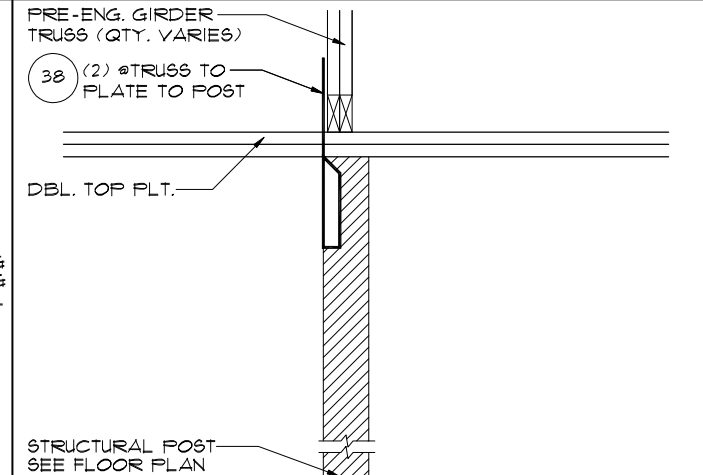
10 DETAIL
14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



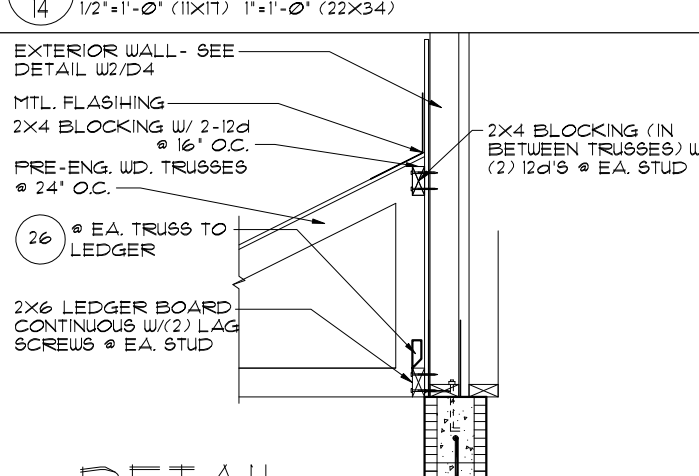
8 DETAIL
14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



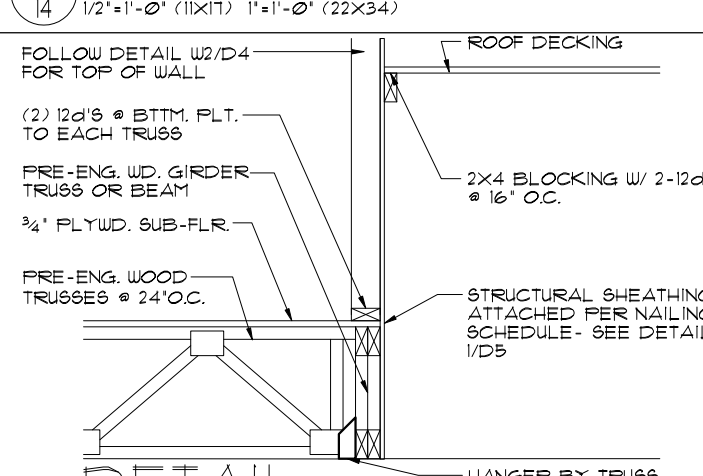
6 DETAIL
14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



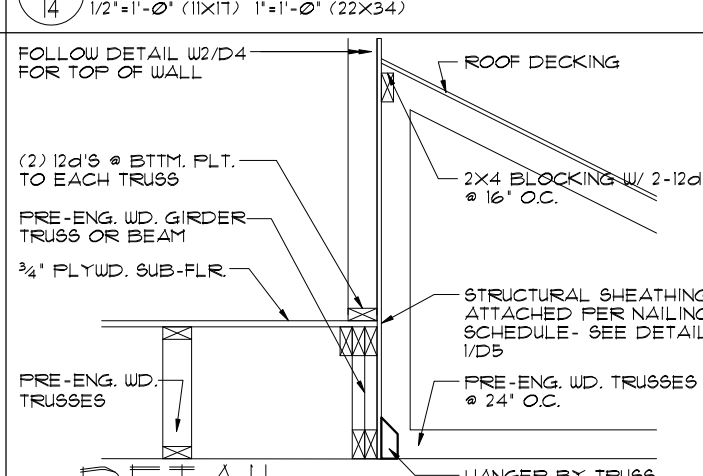
38 DETAIL
14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



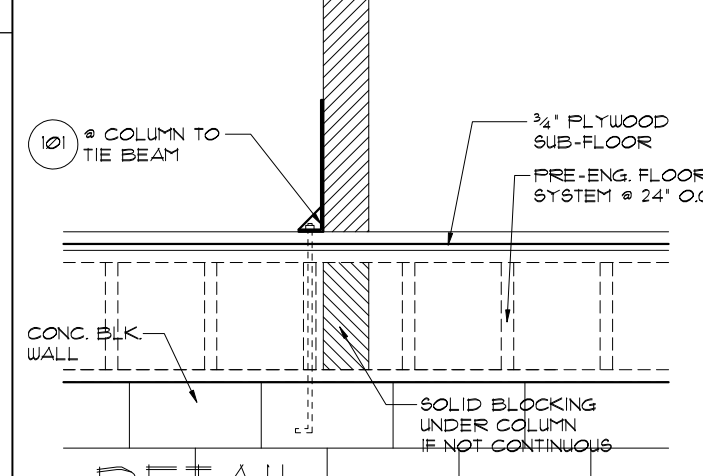
11 DETAIL
14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



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



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



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

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

Park Square HOMES

TYPICAL DETAILS

REEF
PARADISO GRANDE

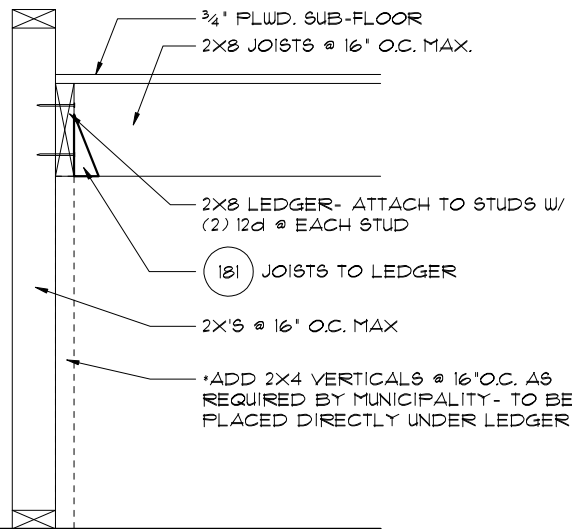
DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 4232
SHEET 14 OF SHEETS

REVISIONS	BY

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

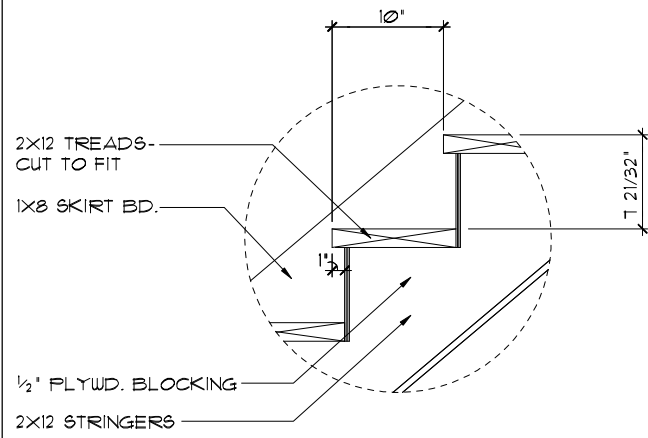
4232

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4 TYP. STAIR CONNECT.

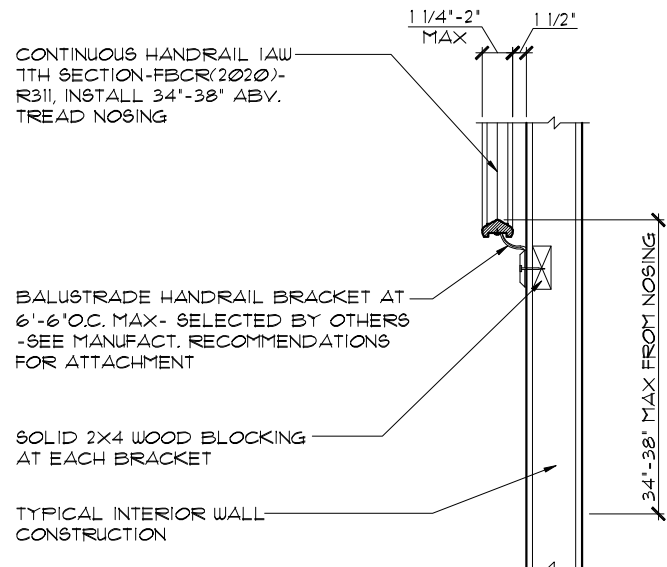
3/4" = 1'-0" (11X17) 1/2" = 1'-0" (22"X34") PLATFORM FRAMING



DATA: TOTAL RISE: 11'-4 3/4" (18 RISERS @ 7 13/32" EA.)
TOTAL RUN: 14'-2" (17 TREADS @ 10" EA.)

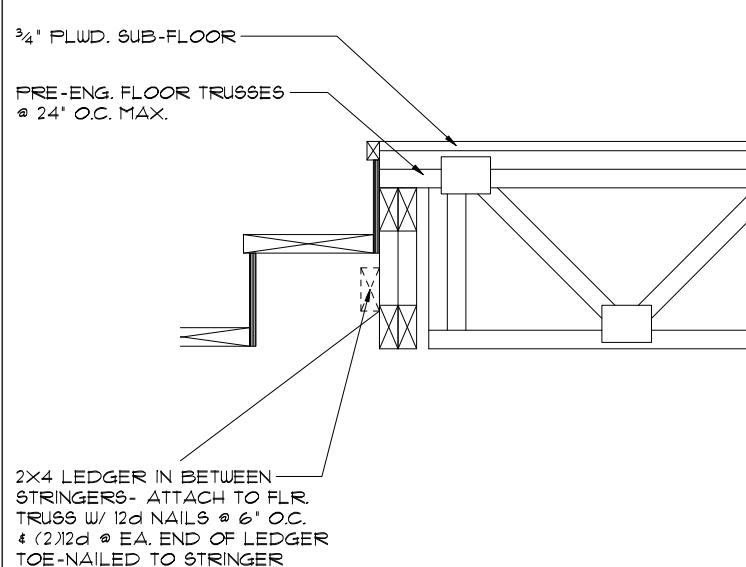
1 STAIR DETAIL

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



5 TYP. HANDRAIL DET.

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



2 TYP. STAIR CONNECT.

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

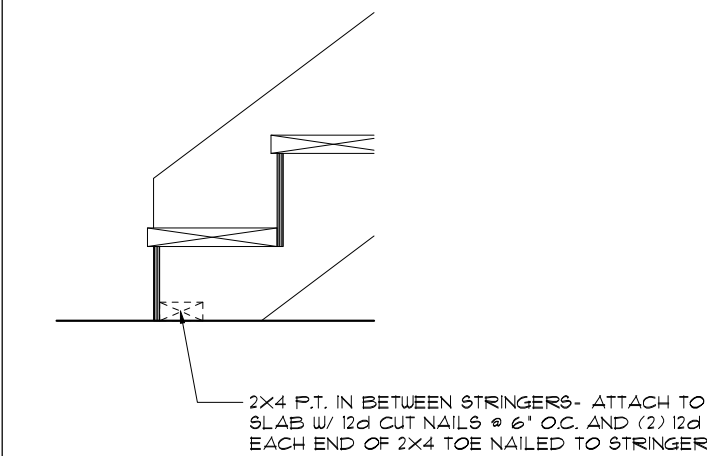
NOTES:
STAIRWAY CONSTRUCTION TO CONFORM TO FBCR 2020, 7TH EDITION SECTION R311.7

MAX. HGT. OF RISER TO BE 7 3/4"
MIN. WIDTH OF TREAD TO BE 9" (EXCLUSIVE OF NOSING)
ALL TREADS LESS THAN 10" IN WIDTH SHALL HAVE APPROX. 1" OF NOSING
3/16" MAX. VARIATION IN RISERS/TREADS ADJACENT TO EACH OTHER
3/8" MAX. VARIATION IN ANY RISER/TREAD
HAND RAIL CIRCULAR CROSS SECTION DIA. TO BE 1 1/4" - 2" OR TO PROVIDE EQUIVALENT GRASPABILITY.

WINDERS: MIN. 6" WIDE @ NARROW END

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

HEADROOM CLEARANCE MIN. 6'-8"



3 TYP. STAIR CONNECT.

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

CONNECTOR SCHEDULE							
CONNECT. TYPE	SIMPSON		USP		MAX. UPLIFT	LAT. LDS. FI / F2	
	DESCRIPTION	FASTENERS PER CONNECTOR	DESCRIPTION	FASTENERS PER CONNECTOR			
4	HETA20	14-10d x 1 1/2"	ETA20	14-10d	1810	65 / 960	
5	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	H10S	RFT: 8-8d x 1 1/2" PLT: 8-8d x 1 1/2"	RT16	RFT: 8-8d x 1 1/2" PLT: 8-8d	930	585 / 525	
23	LU526	HDR: 4-10d / JST: 4-10d	JU526	HDR: 4-10d / JST: 4-10d	935	N/A	
24	H1	RFT / TR5: 4-8d PLT / STD: 10-8d	RT20	RFT / TR5: 9-10d PLT / STD: 13-10d	985	400 / N/A	
26	H25	RFT: 5-8d / PLT: 5-8d	RT1	RFT: 5-8d / PLT: 5-8d	415	150 / 150	
34	A34	H: 4-8dx1 1/2" / P: 4-8dx1 1/2"	MP34	H: 4-8dx1 1/2" / P: 4-8dx1 1/2"	365	280 / 303	
35	A35F	H: 4-8dx1 1/2" / P: 4-8dx1 1/2"	MPA1F	H: 6-8dx1 1/2" / P: 6-8dx1 1/2"	440	440 / N/A	
37	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	SF1	STD: 6-10d / PLT: 4-10d	SPT22	STD: 4-10d / PLT: 4-10d	535	560 / 260	
80	SF2	STD: 6-10d / PLT: 6-10d	SPT224	STD: 6-10d / PLT: 6-10d	605	560 / 260	
81	SPH468	12-10d x 1 1/2"	TP46,48	12-10d x 1 1/2"	885	N/A	
90	ABU66	12-16d	PAU66	12-16d	2,240	N/A	
89	CB66	(2) 5/8" BOLTS	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) 1/8" X 5 1/2" BOLTS	HH8A	SILL: 1/8" BOLT STUD: (3) 1/8" X 5 1/2" BOLTS	7,910	N/A	
97	MTT28B	24-16d	MTS21B	24-16d	4,455	N/A	
98	HTT16	SILL: 5/8" BOLT STRAP: 18-16d	HTT16	SILL: 5/8" BOLT STRAP: 18-16d	4,175	N/A	
99	A35	H: 4-8dx1 1/2" / P: 4-8dx1 1/2"	MPA1	H: 6-8dx1 1/2" / P: 6-8dx1 1/2"	440	440 / N/A	
100	HTT22	5/8" BOLT / 32-16d SINKERS	HTT22	3/4" BOLT / 32-16d	5,260	N/A	
101	HTT4	5/8" BOLT / 18-16d X 2 1/2"	N/A	N/A	3,640	N/A	
102	HTT5	5/8" BOLT / 26-10d	N/A	N/A	4,275	N/A	
103	VGTR/L	32-6DS 1/4" X 3" (2) 5/8" BLT	N/A	N/A	3,990	N/A	
104	HDU8-SDS2.5	1/8" BLT / 20-SDS 1/4" X 2 1/2"	N/A	N/A	5,020	N/A	
110	HCF2	12-10d x 1 1/2"	HHCF2	20-10d x 1 1/2"	520	260 / N/A	
167	HHU846	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	HUC28-2	H: 14-16d / J: 4-10d	N/A	N/A	1,085	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	HGUS210-2	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	NFM3X12	BLK: 1/2" J / JST: 14-10d	1,620	N/A	
226	MBHA4.75/12	HDR: (2) 3/4" x 8" JOIST: 18-10d	NFM45U	HDR: MIN. 1/2" x J BOLT JOIST: (5) 1/2" BOLTS	2,160	N/A	
231	MBHA3.56/16	HDR: (2) 3/4" x 8" JOIST: 18-10d	NFM3.5X16U	HDR: MIN. 1/2" x J BOLT 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 BOLT JOIST: (5) 1/2" BOLTS	3,450	N/A	
240	H15	R: 4-10dx1 1/2" / P: 4-10dx1 1/2"	N/A	N/A	1,300	480 / N/A	
241	LGT2	30-16d-sinker	LUGT2	32-10d	2,000	1015 / 440	
301	MGT	(1) 5/8" BLTS / GIR: 22-10d	N/A	N/A	3,965	N/A	
302	HGT-2 or 3	LTL: 3/4" BLTS / GIR: 8-10d	USC63	LTL: 3/4" BLTS / GIR: 8-16d	6,485	N/A	
303	HGT-4	LTL: 3/4" BLTS / GIR: 16-10d	N/A	N/A	9,250	N/A	
401	SUR/L414	FACE: 18-16d / JST: 8-16d	N/A	N/A	1,700	N/A	
T	CONNECTORS TO BE SPECIFIED AND PROVIDED BY TRUSS MANUFACTURERS						

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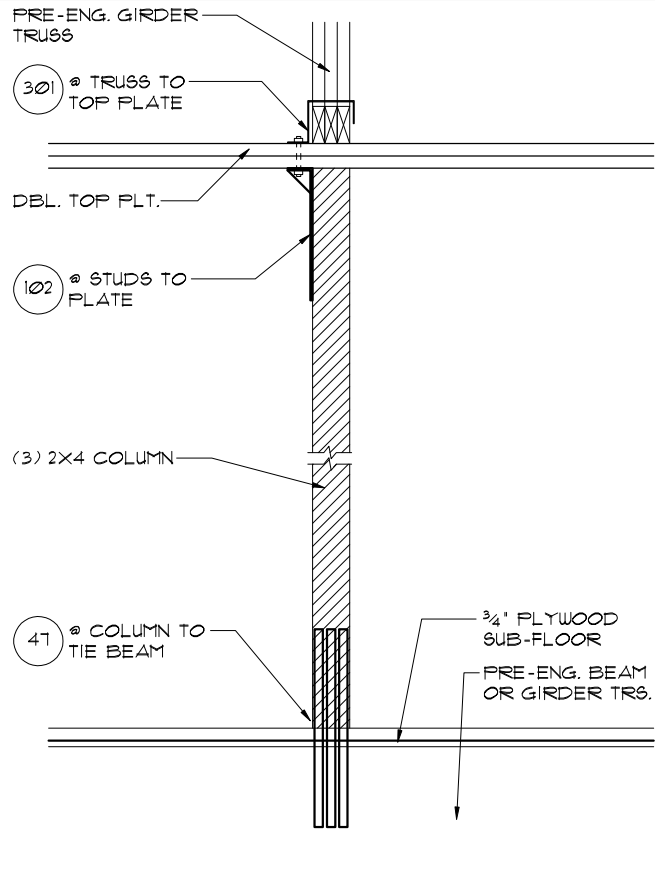
Engineering By:
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MICHAEL A. THOMPSON
PE 47509
PHONE 407-721-2292

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

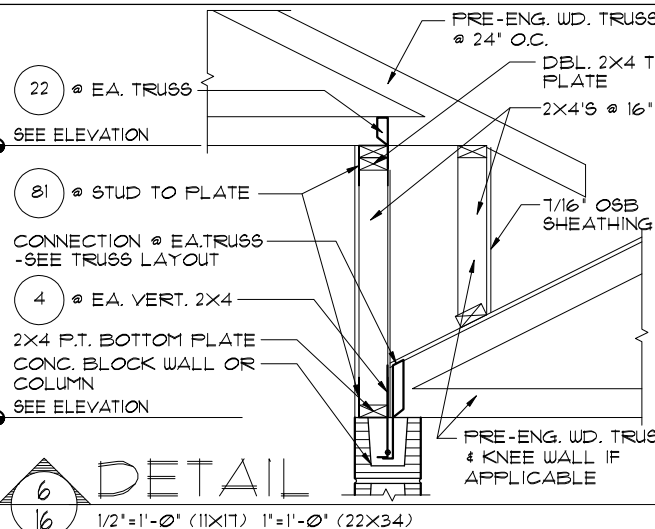
TYPICAL DETAILS / CONNECTOR SCHEDULE

REEF
PARADISO GRANDE

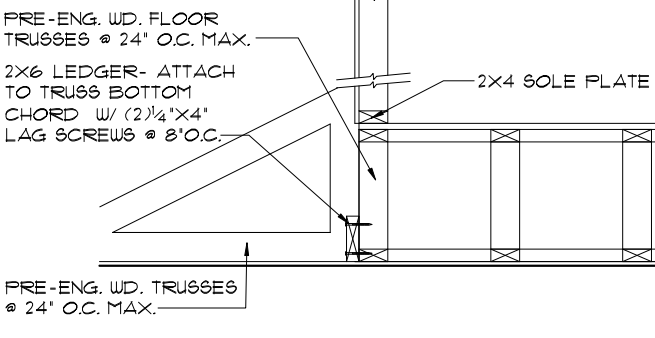
DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 4232
SHEET 15 OF SHEETS



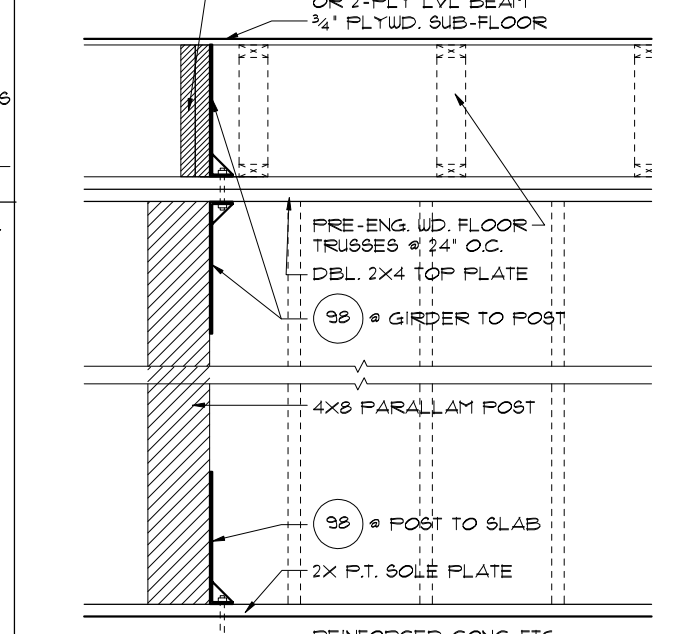
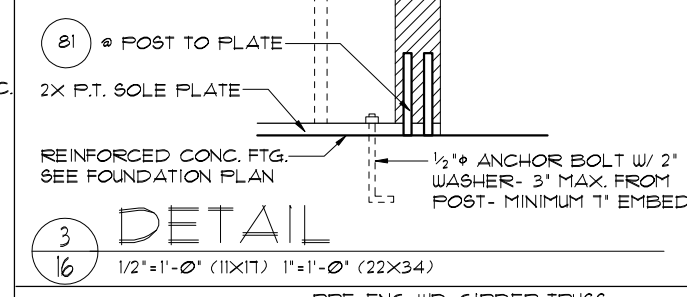
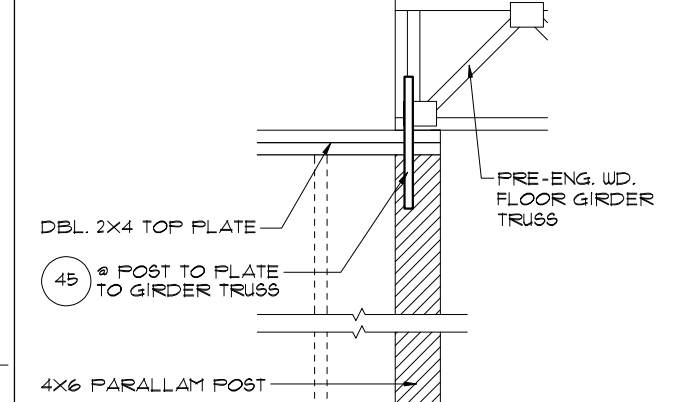
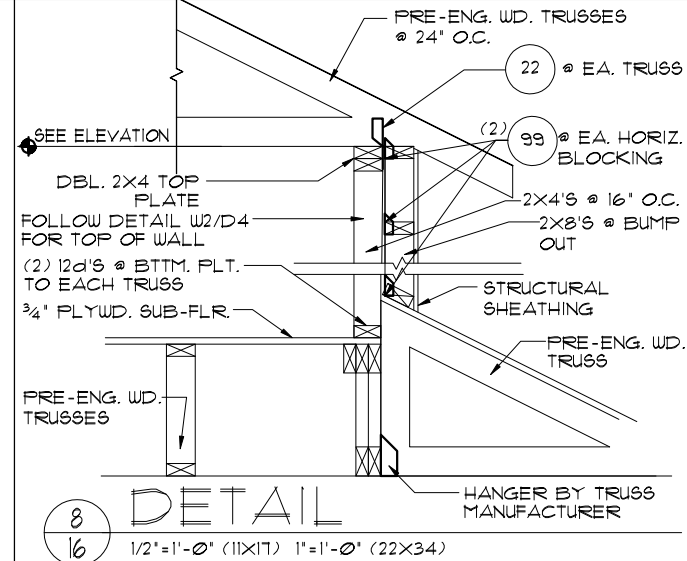
5 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34')



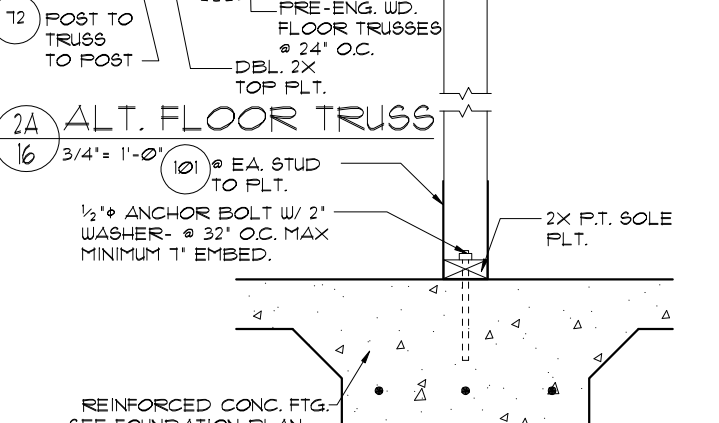
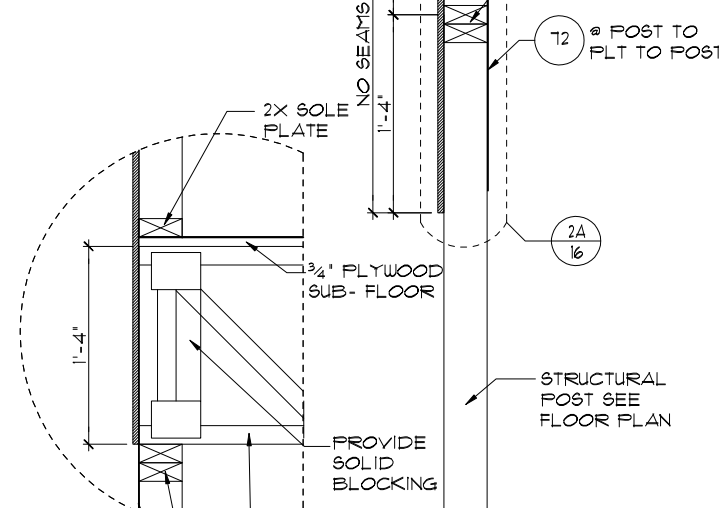
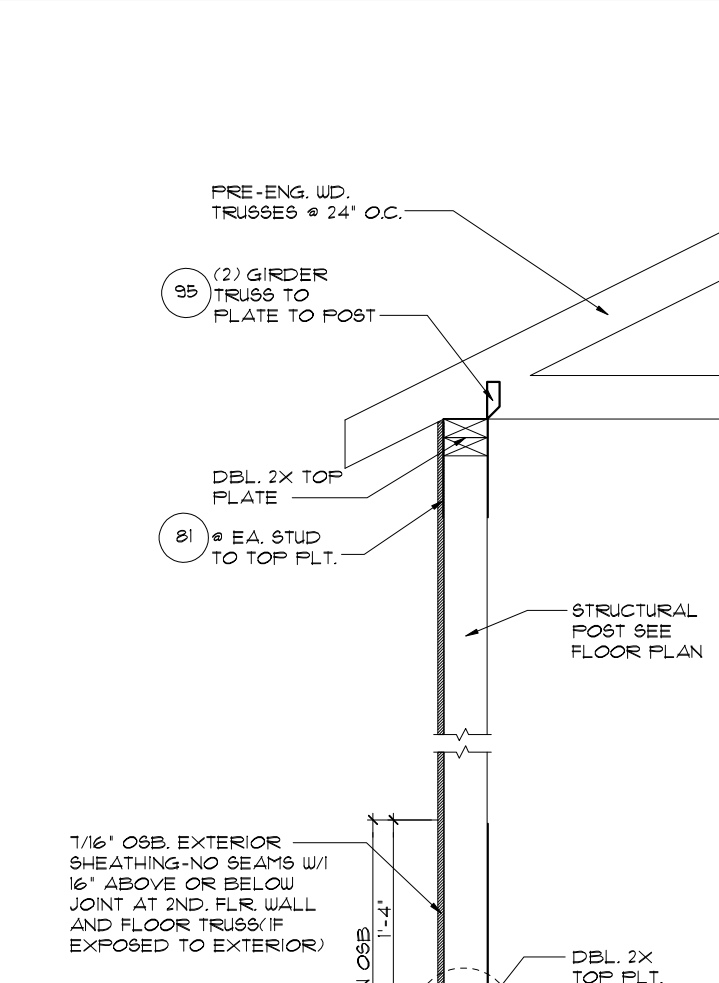
6 DETAIL
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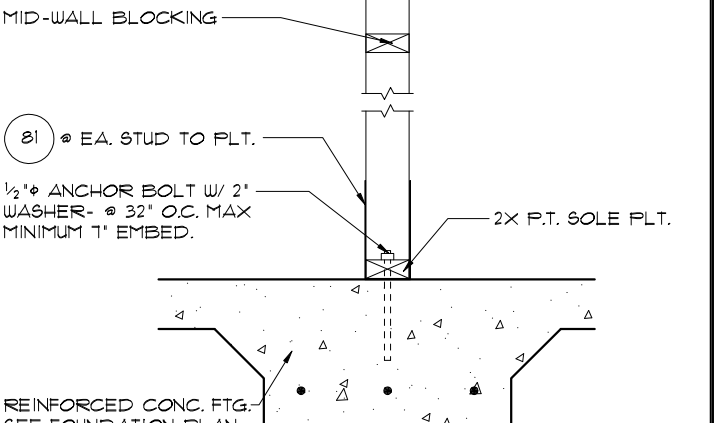
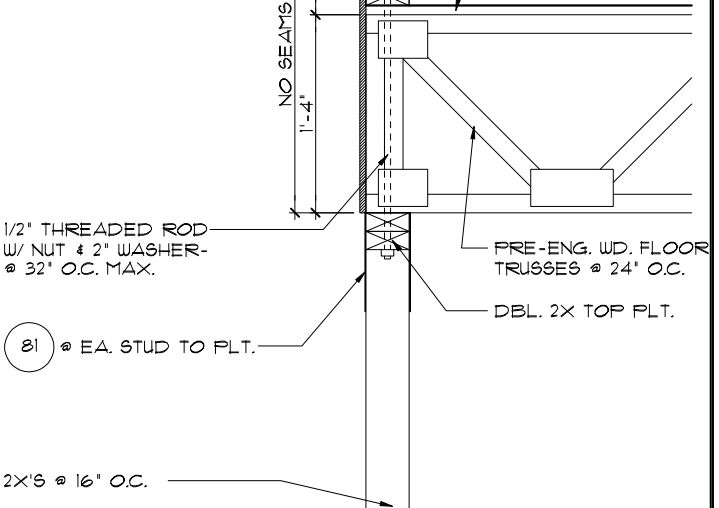
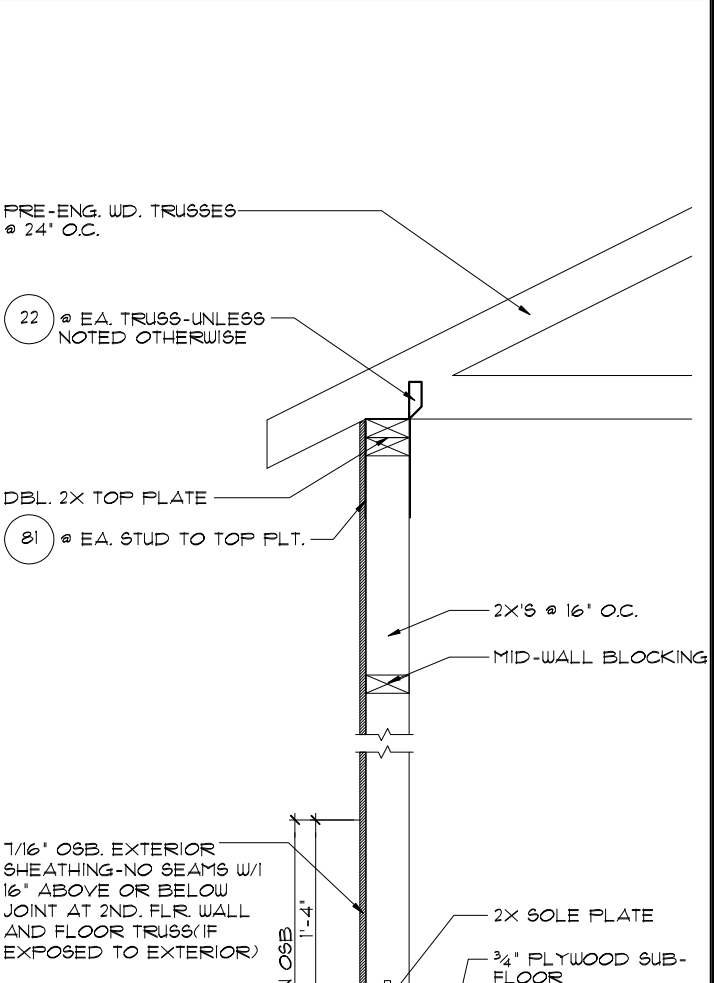
7 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34')



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



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



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

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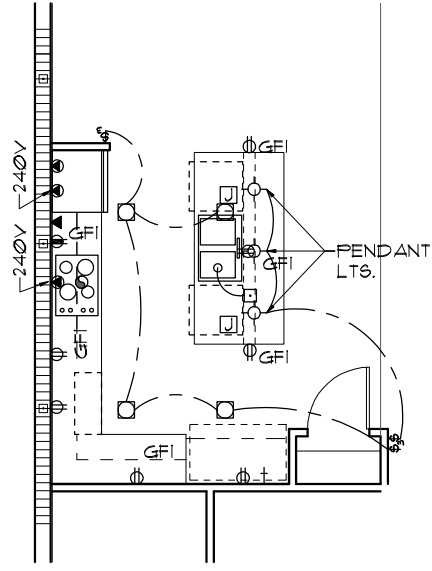
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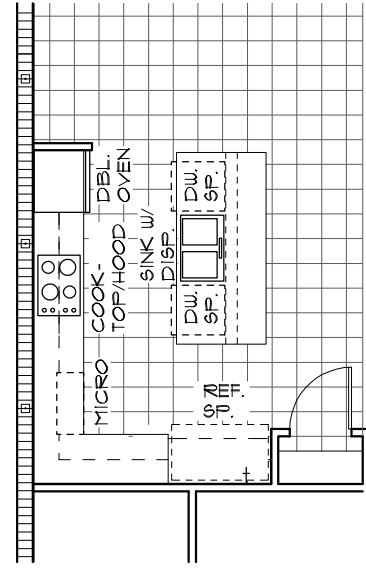
TYPICAL DETAILS

4232
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 4232
 SHEET
16
 OF SHEETS



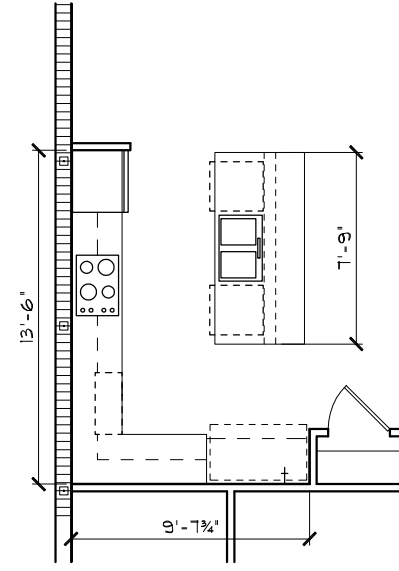
ELECTRICAL PLAN

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



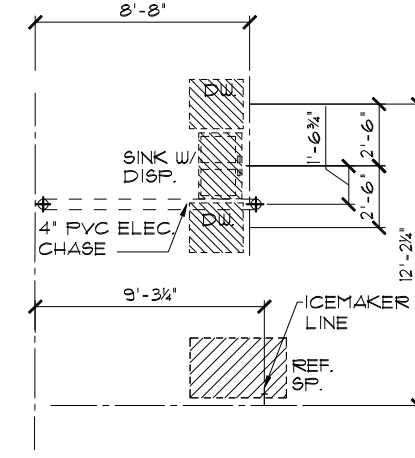
FLOOR PLAN W/ NOTES

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



FLOOR PLAN W/ DIMENSIONS

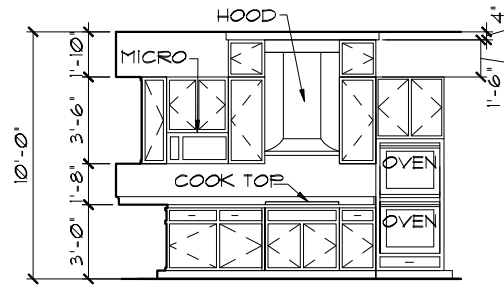
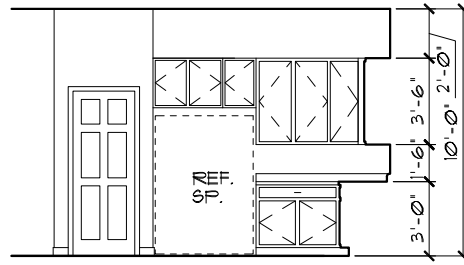
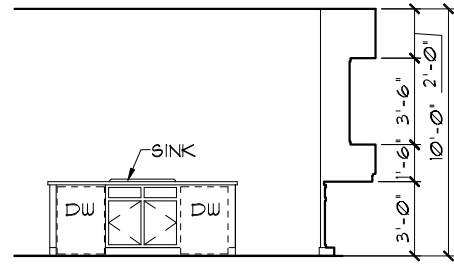
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



FOUNDATION PLAN

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

GOURMET OPTION 1



INTERIOR ELEVATIONS

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

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DATE	04-09-21
SCALE	AS NOTED
DRAWN	RDC
JOB	4232
SHEET	10
OF SHEETS	18

OPTIONS

REEF
PARADISO GRANDE

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