

# 4232 (A,B,C,D)

## REEF

### PARADISO GRANDE

40' X 71'4

REVISION SCHEDULE			
NO.	DATE	DESCRIPTION	BY
①	04-03-21	-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 -REVISE ALL ARCH SOFFITS TO FLAT -CODE UPDATED TO FBCR 2020, 11TH ED. & NEC 2017	DH
②	11-16-21	-INTERIOR DOORS CHANGED TO 6/8 ILO 8/0 - 1ST FLOOR ONLY -WASHER & DRYER OPTIONAL	RN
③	06-20-23	-UPDATE FIRE ALARM PER BUILDER'S REQUEST	ME
④	08/25/23	-ADD TILE TO MASTER CLOSETS	ME
⑤	09/29/23	-DELETE INTERIOR DOOR HEIGHTS	ME
⑥	02/19/24	- ADD ELECTRICAL UPDATES PER NL	ME
⑦	04-12-24	-DELETE GARAGE STEP, TOWEL BARS & PAPER HOLDERS	ME
⑧	04-23-24	-ADD MODEL WALK CHANGES - PER JK. -UPDATE TO 2023 CODE	JK
⑨	05-28-24	-ADDED ON-Q PANEL	JK
⑩	08-08-24	-ADDED ELEV. D	JK
⑪	11-20-24	-ADDED GAME ROOM OPTION	ME
⑫	08-06-25	-APPLIED FRAME WALK CHANGES: DATED 08/06/25	JK

#### 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
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- D2 TYPICAL STRUCTURAL DETAILS
- D3 TYPICAL STRUCTURAL DETAILS
- D4 TYPICAL STRUCTURAL DETAILS
- D5 TYPICAL STRUCTURAL DETAILS
- D6 SOFFIT DETAILS

.1 GAME ROOM OPTION

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- 01B.0 FOUNDATION PLAN
- 02B.0 FLOOR PLAN W/ DIMENSIONS
- 03B.0 FLOOR PLAN W/ NOTES
- 04B.0 UPPER FLOOR PLAN W/ DIMENSIONS
- 05B.0 UPPER FLOOR PLAN W/ NOTES
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.1 GAME ROOM OPTION

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- 01C.0 FOUNDATION PLAN
- 02C.0 FLOOR PLAN W/ DIMENSIONS
- 03C.0 FLOOR PLAN W/ NOTES
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.1 GAME ROOM OPTION

PARADISO GRANDE

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

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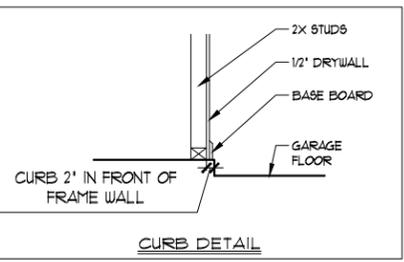
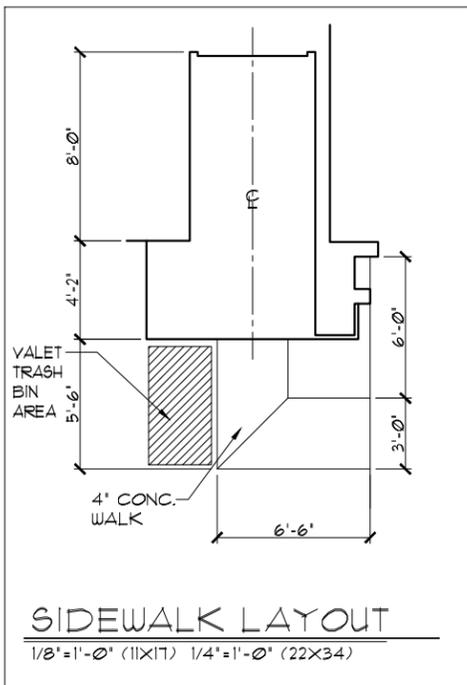
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Orlando, Florida 32811  
Phone: (407) 529 - 3000

**Park Square Homes**

COVER SHEET

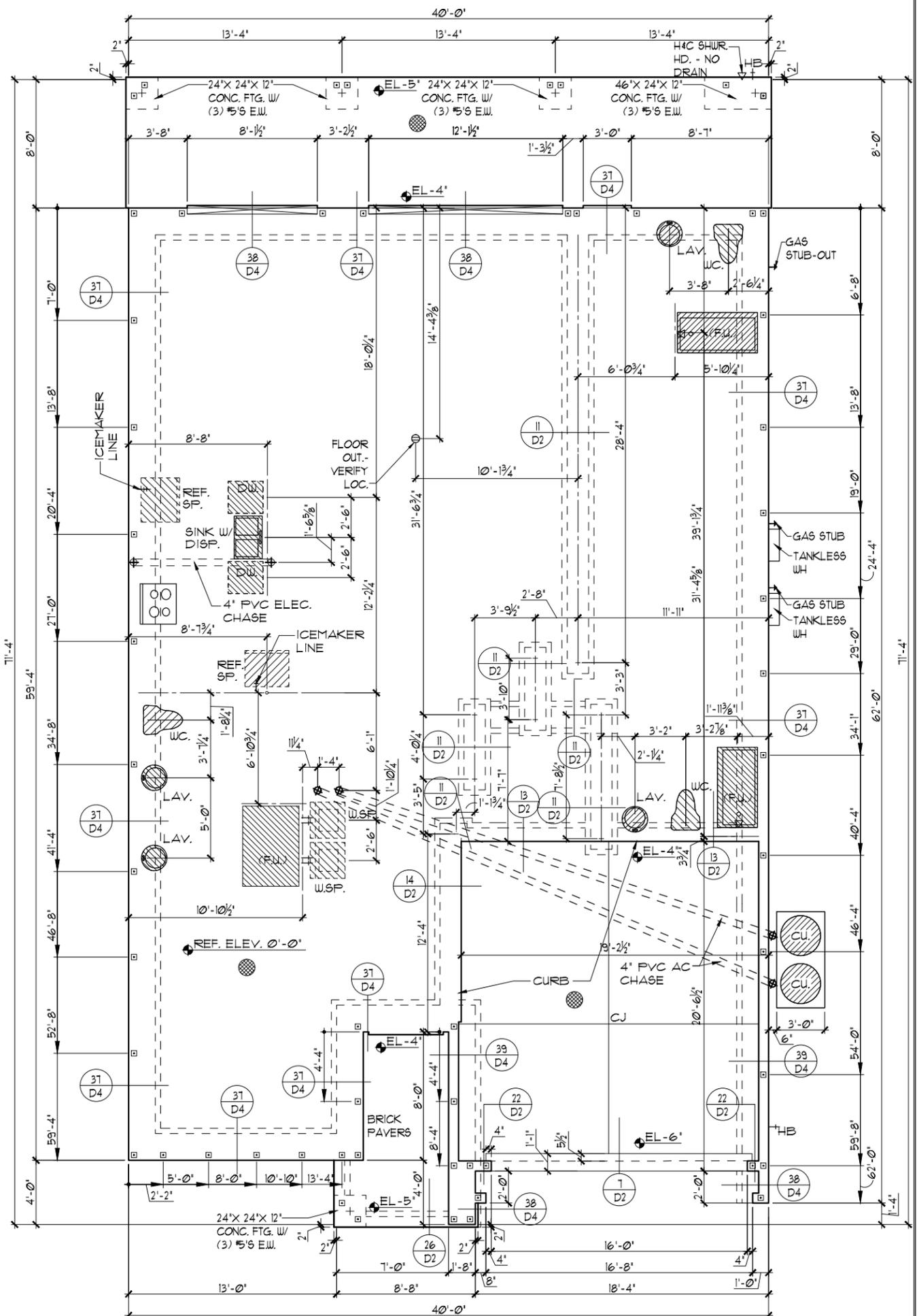
REEF  
PARADISO GRANDE

4232  
DATE 04-03-21  
SCALE AS NOTED  
DRAWN RDC  
JOB 4232  
SHEET  
00  
OF SHEETS



- 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.
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  - ⊗ STANDARD FOOTING
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  - TYP. TUB/SHUR VALVE & DRAIN LOCATIONS
- 
- 2ND. BA.-STD. TUB/SHUR    2ND. BA.-OPT. SHUR    MBA.-STD. SHOWER

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



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**REVISIONS**

NO.	DESCRIPTION	DATE	BY

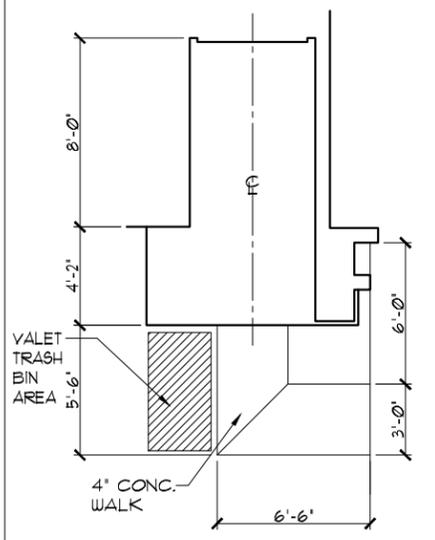
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**REFEER**

**PARADISO GRANDE**

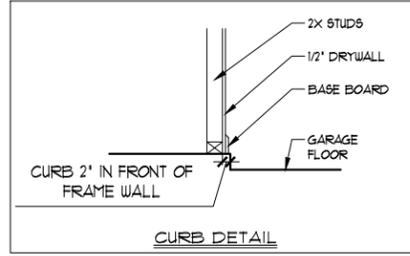
**4232**

DATE 04-08-21  
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 SHEET  
**01A.0**  
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**SIDEWALK LAYOUT**

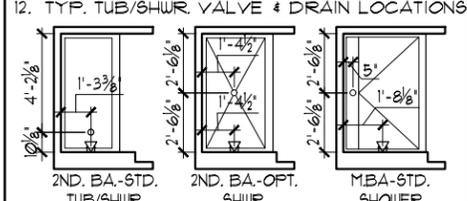
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**CURB DETAIL**

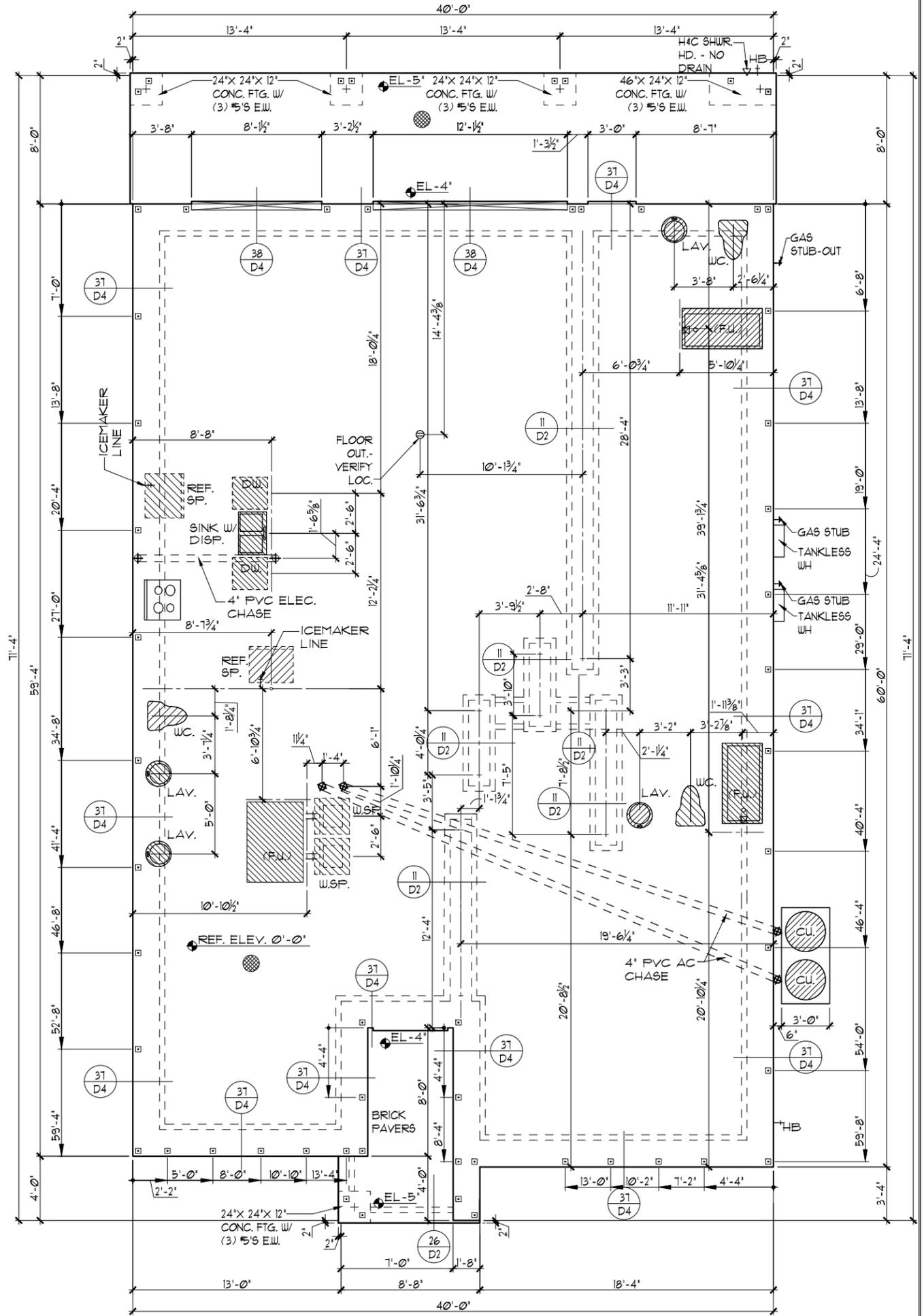
**FOUNDATION NOTES**

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**Paradiso Grande**  
Park Square Homes

FOUNDATION PLAN

REFEEL  
PARADISO GRANDE

DATE 04-08-21  
SCALE AS NOTED  
DRAWN RDC  
JOB 4232  
SHEET 01A.1  
OF SHEETS

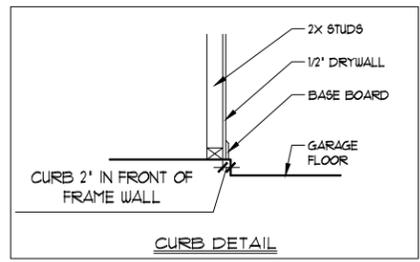
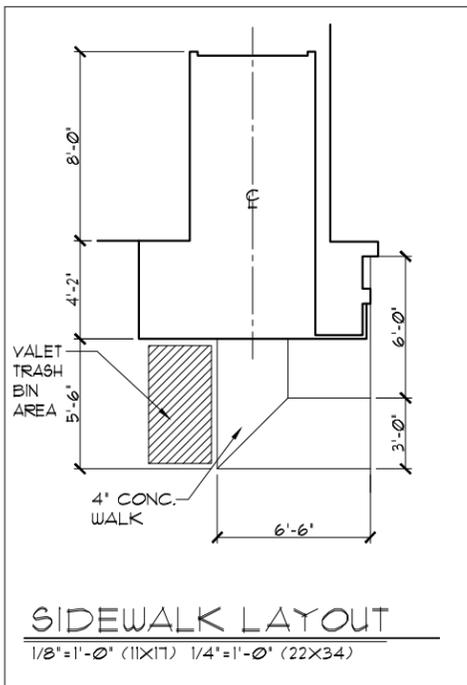
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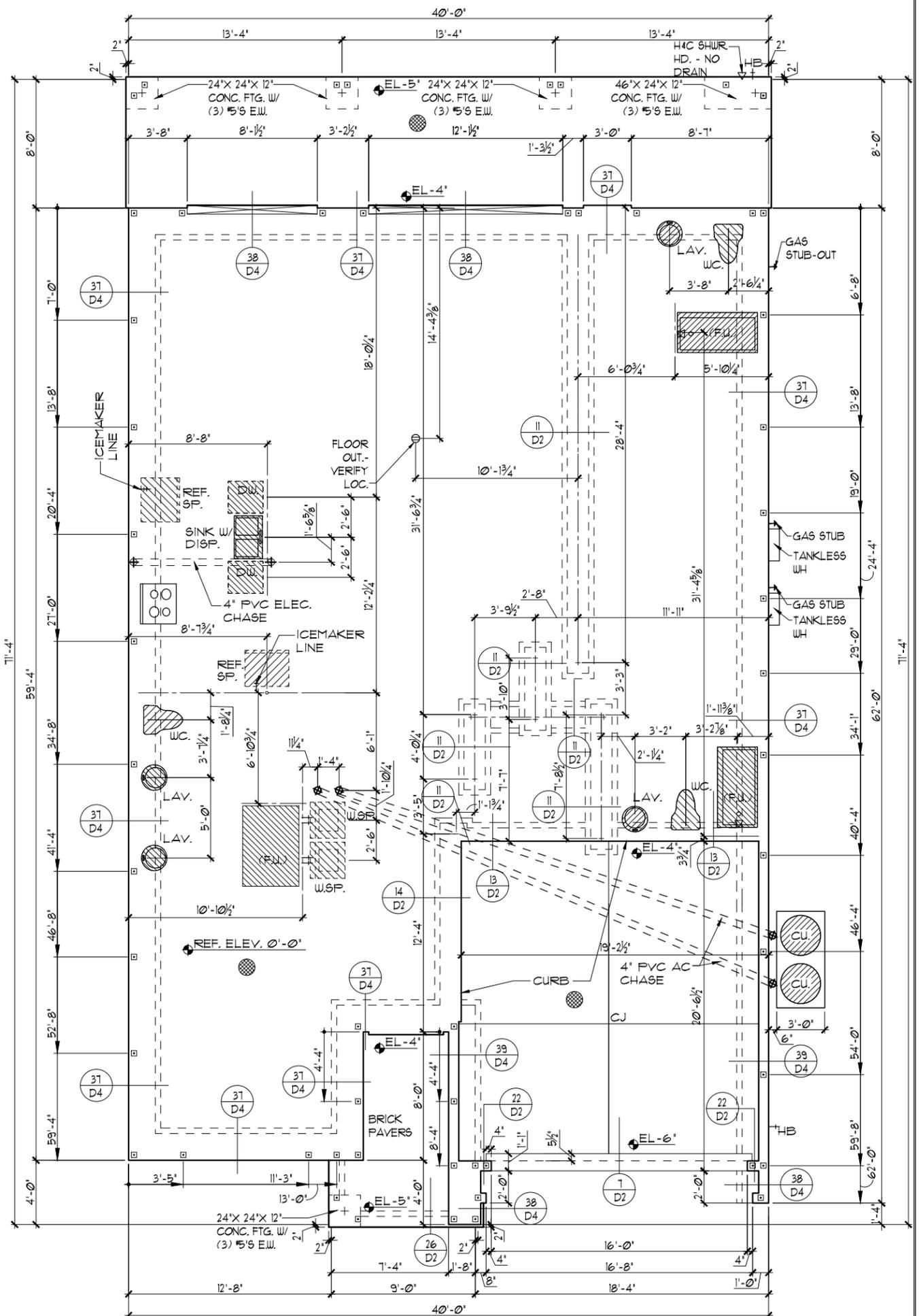
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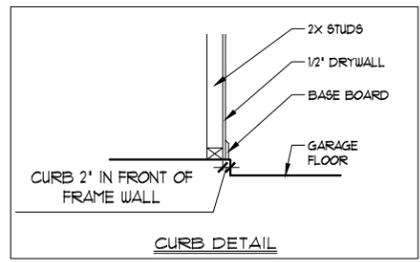
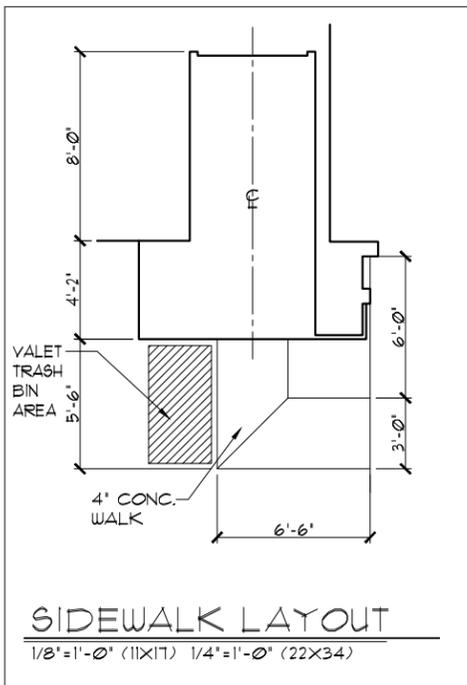
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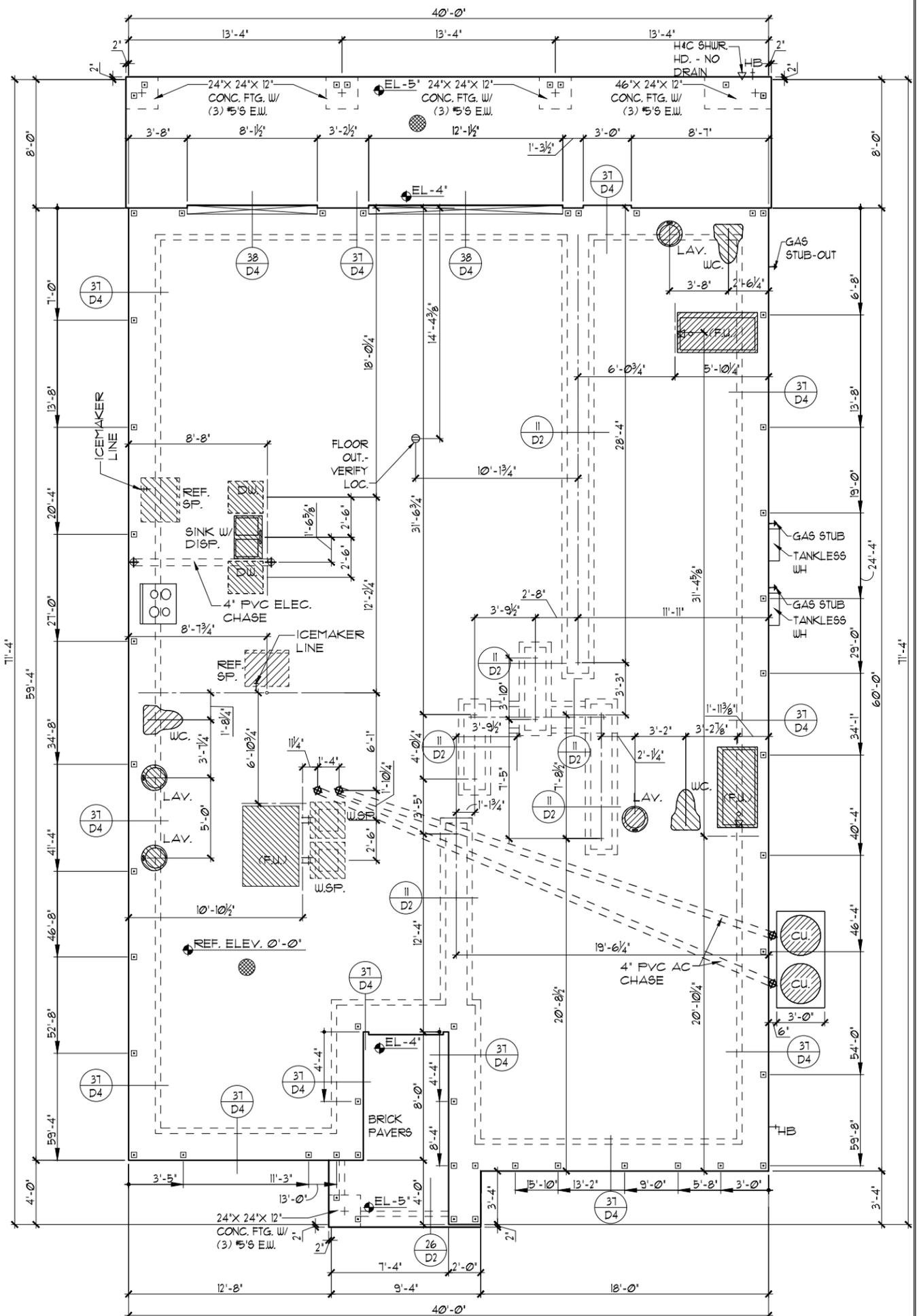
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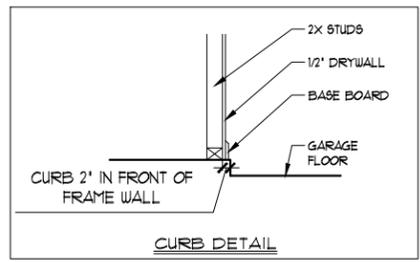
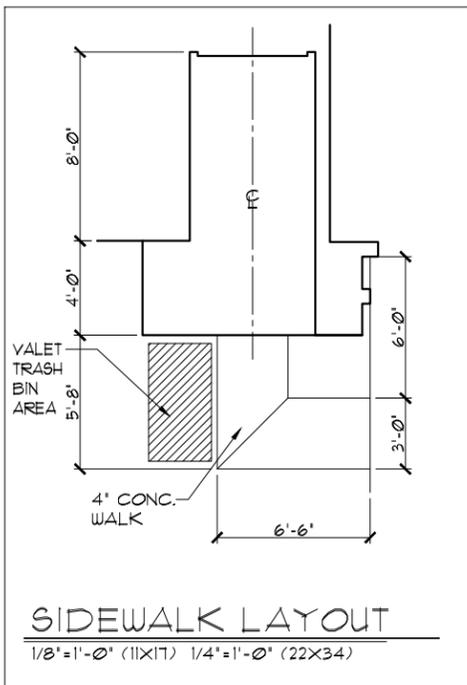
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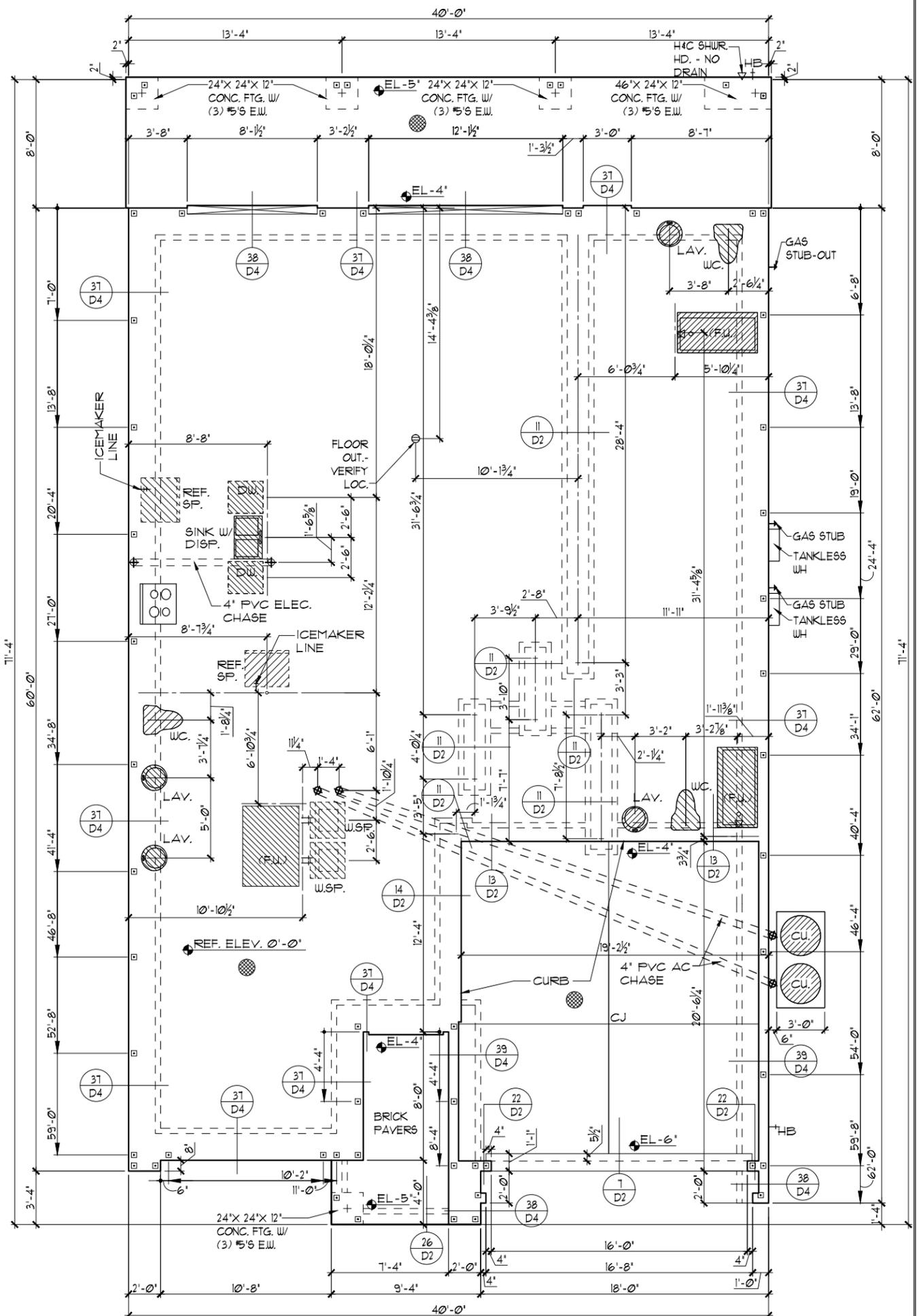
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**REVISIONS**

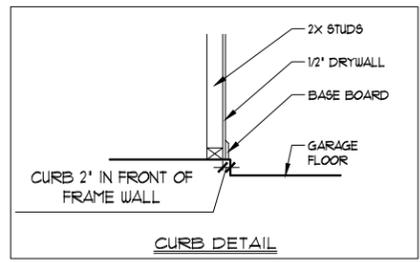
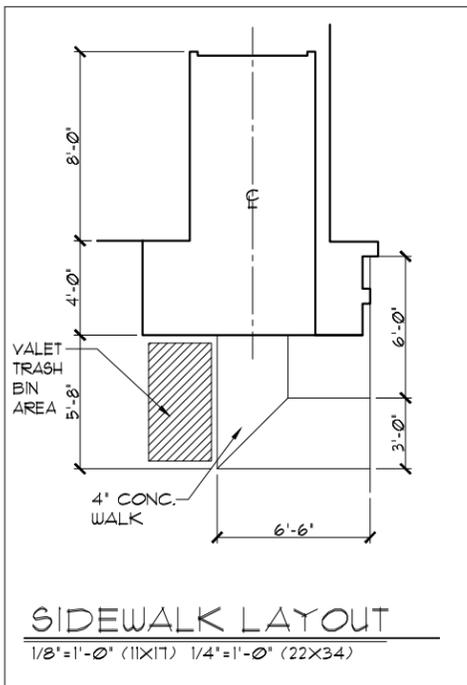
NO.	DESCRIPTION	DATE	BY

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

**ITEC**  
 THOMPSON ENGINEERING GROUP, INC.  
 3005 W. Colonial Blvd., Suite 400  
 Orlando, FL 32817  
 Phone: (407) 754-1750  
 Fax: (407) 754-1750  
 www.itec.com

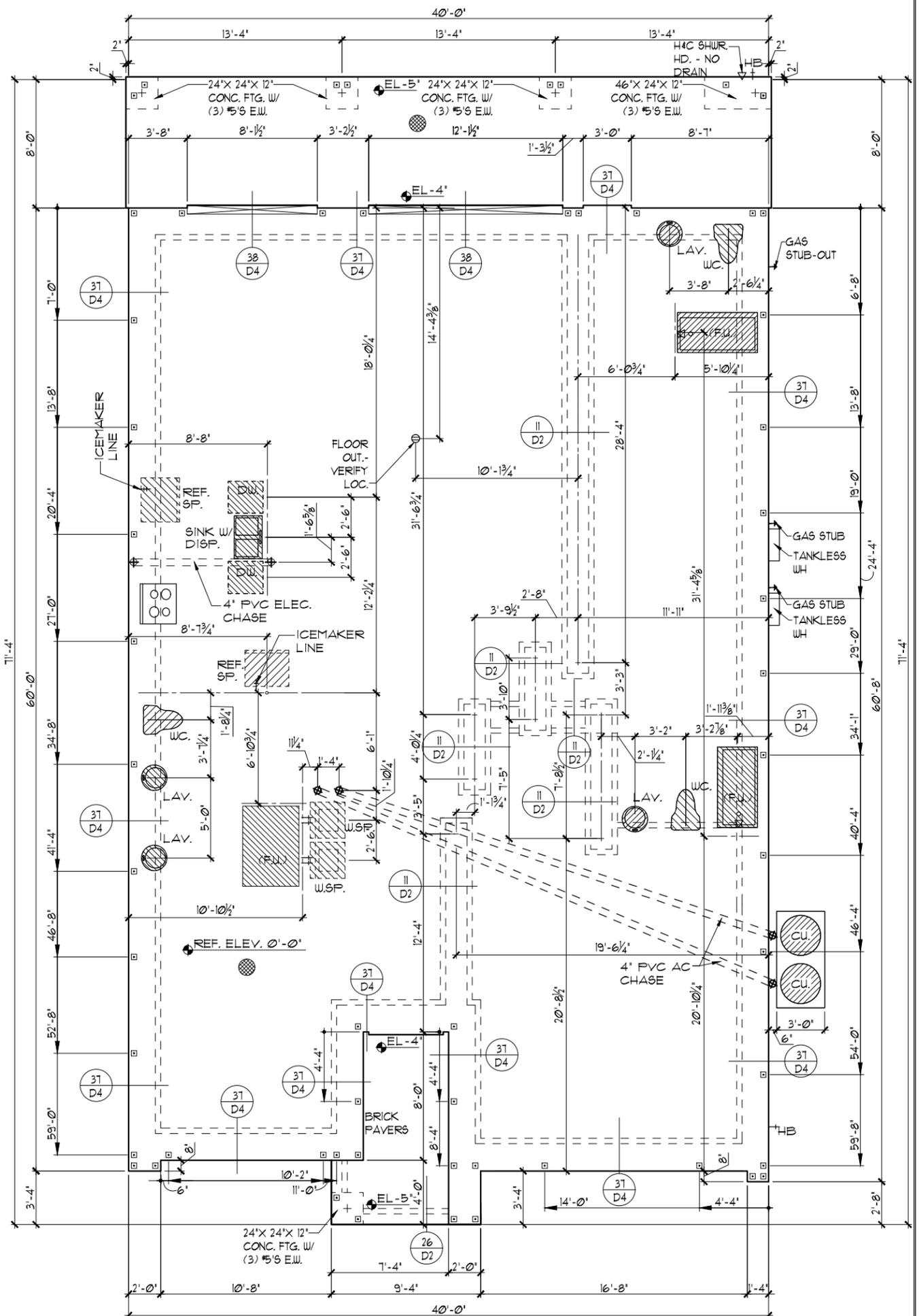
**Park Square HOMES**

**FOUNDATION PLAN**



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

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

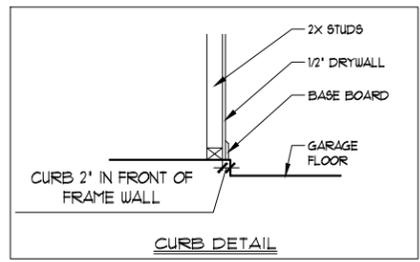
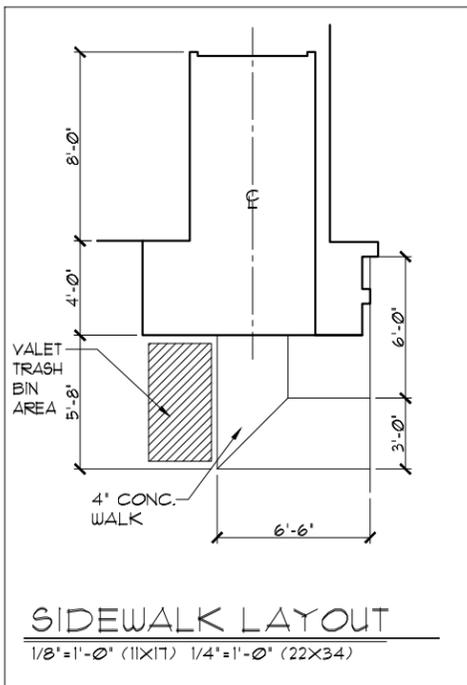


THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2003 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

**LOT: 0000, PARADISO GRANDE**

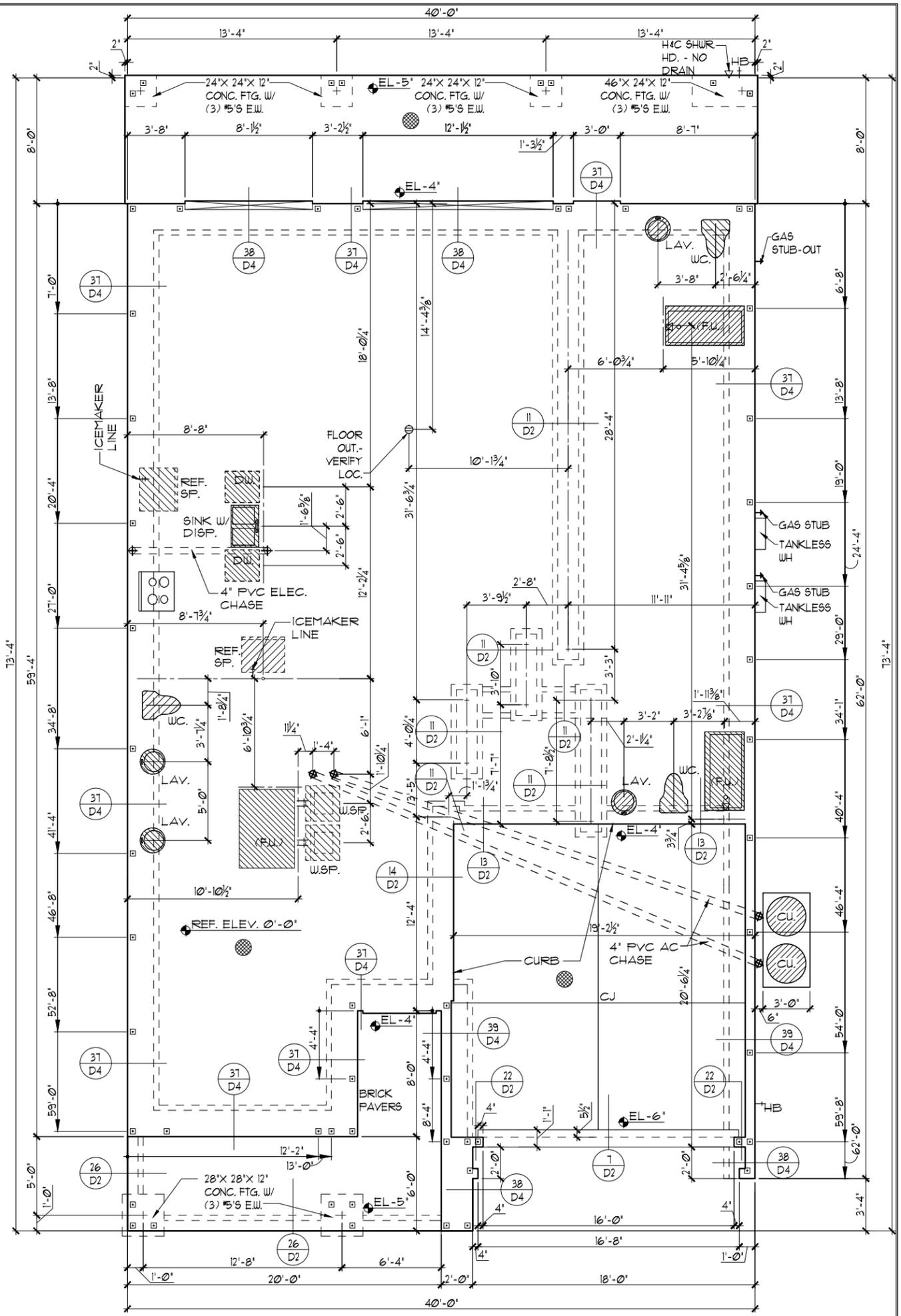
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 A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529 - 3000	
	<b>FOUNDATION PLAN</b>
<b>REEF</b>	<b>PARADISO GRANDE</b>
<b>4232</b>	DATE 04-09-21 SCALE AS NOTED DRAWN RDC JOB 4232 SHEET <b>01C.1</b> OF SHEETS



- 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
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  - TYP. TUB/SHUR VALVE & DRAIN LOCATIONS
- 
- 2ND. BA.-STD. TUB/SHUR  
 2ND. BA.-OPT. SHUR  
 MBA-STANDARD SHOWER

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



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**LOT: 0000, PARADISO GRANDE**

**FOUNDATION PLAN**

REFEEL

DATE 04-08-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 4232  
 SHEET 01D.0 OF SHEETS

**PARADISO GRANDE**  
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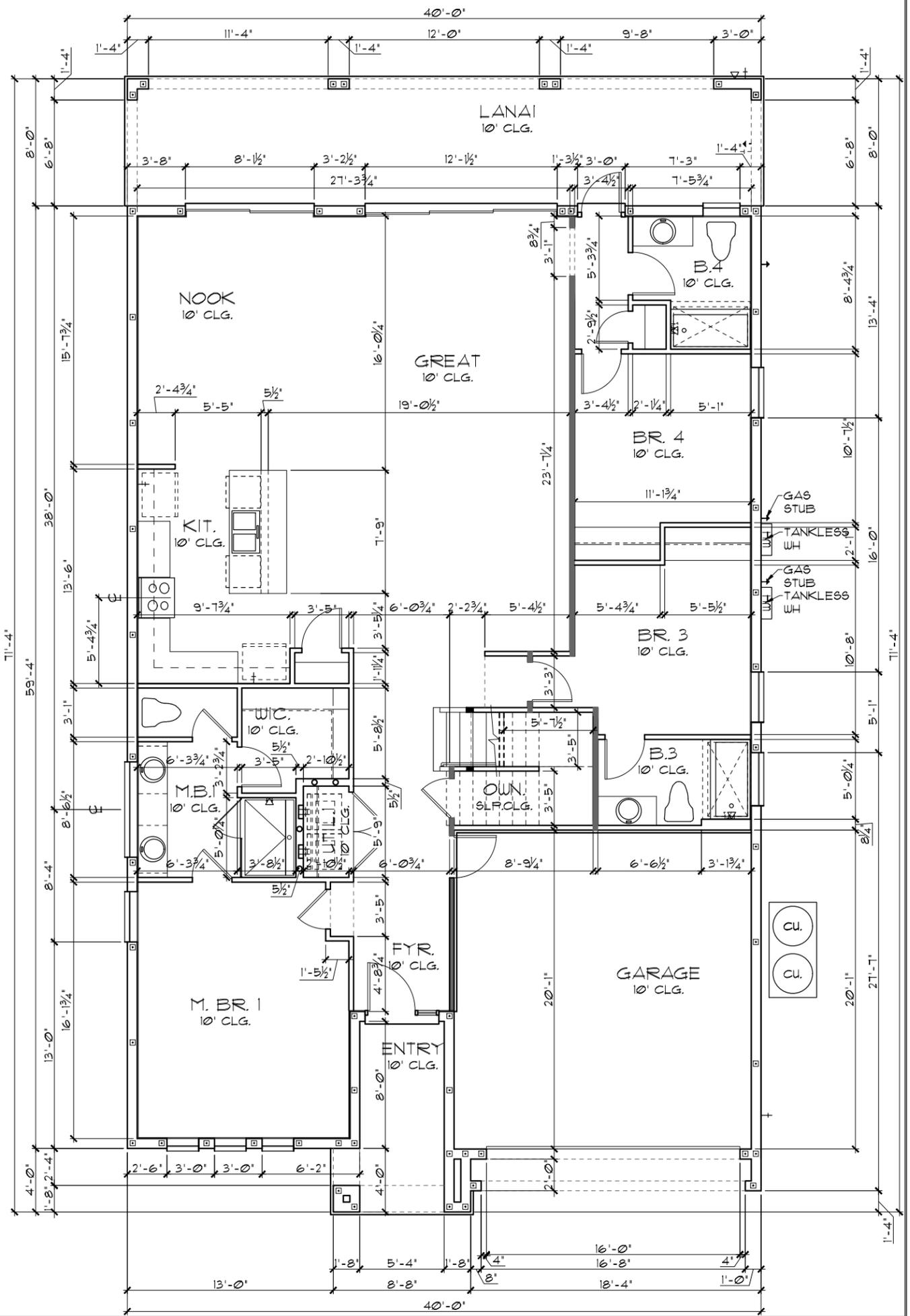
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 www.itec.com

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**
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 10'-0" UNLESS NOTED OTHERWISE.
  6. MECHANICAL EQUIPMENT LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.

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



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

**LOT: 0000, PARADISO GRANDE**

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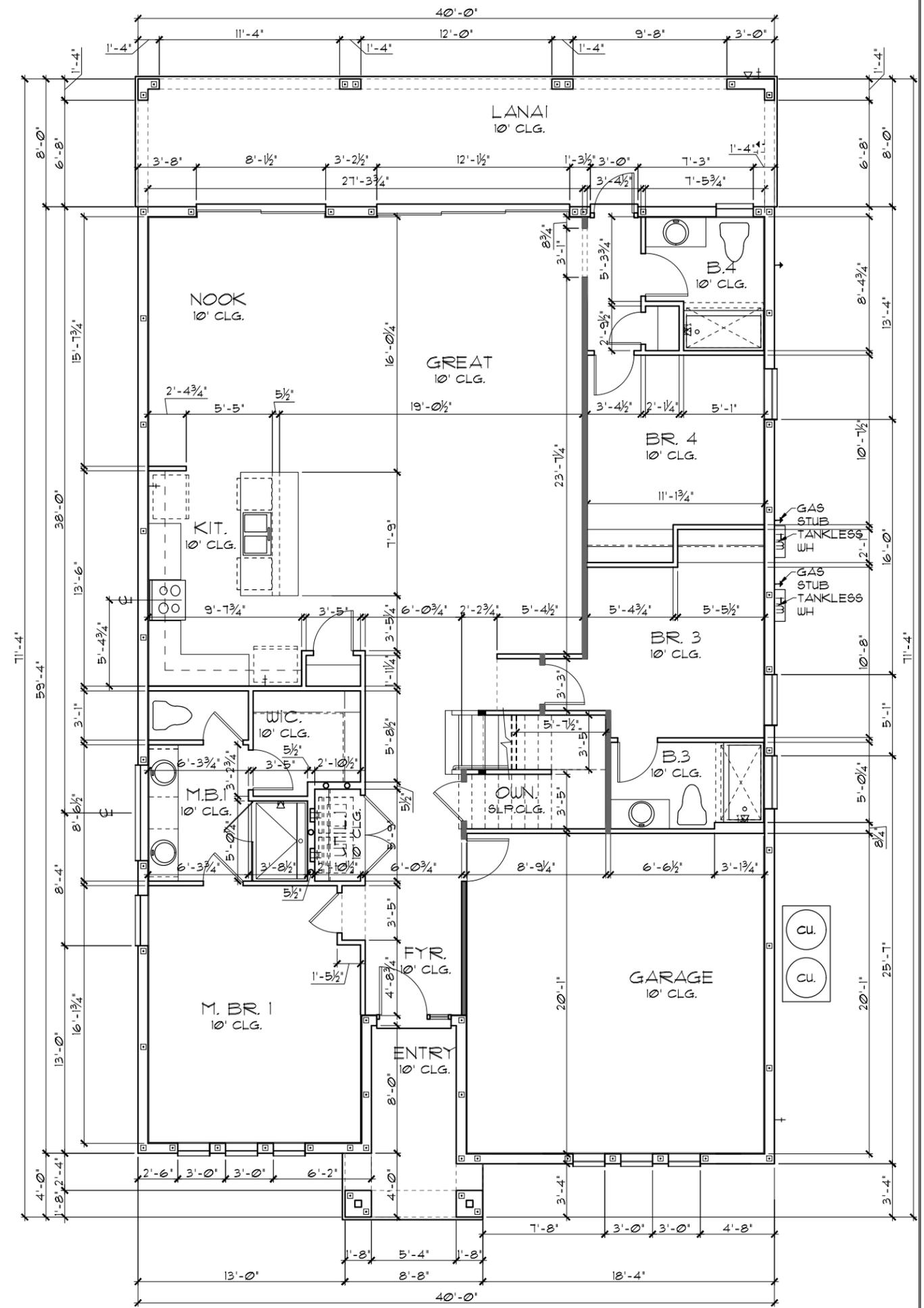
A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529 - 3000	
<b>FLOOR PLAN W/ DIMENSIONS</b>	
<b>REEF</b>	<b>PARADISO GRANDE</b>
<b>4232</b>	
DATE	04-08-21
SCALE	AS NOTED
DRAWN	RDC
JOB	4232
SHEET	02A.0
OF SHEETS	02

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.

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

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



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**LOI: 0000, PARADISO GRANDE**

REF: REEF

DATE: 04-09-21

SCALE: AS NOTED

DRAWN: RDC

JOB: 4232

SHEET: 02A.1

OF SHEETS: 02A.1

4232

PARADISO GRANDE

FLOOR PLAN W/ DIMENSIONS

**Park Square Homes**

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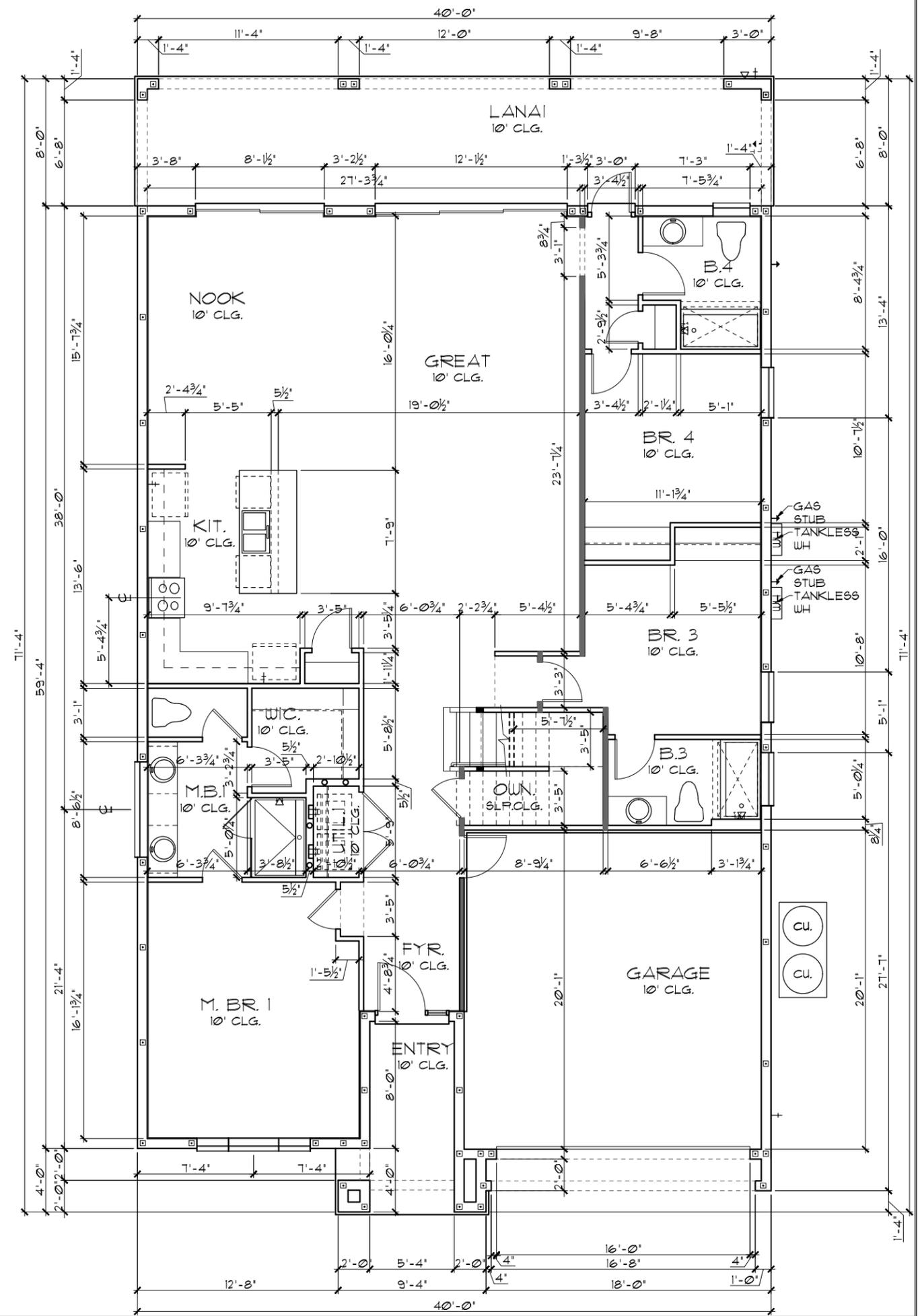
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REVISIONS	BY

TABULATION	
UPPER LIVING	2,294 SF.
LOWER LIVING	1,938 SF.
TOTAL LIVING	4,232 SF.
GARAGE	407 SF.
ENTRY	115 SF.
LANAI	320 SF.
TOTAL UNDER ROOF	5,014 SF.

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



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REVISIONS	BY

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**Park Square HOMES**

**FLOOR PLAN W/ DIMENSIONS**

**REEF**

**PARADISO GRANDE**

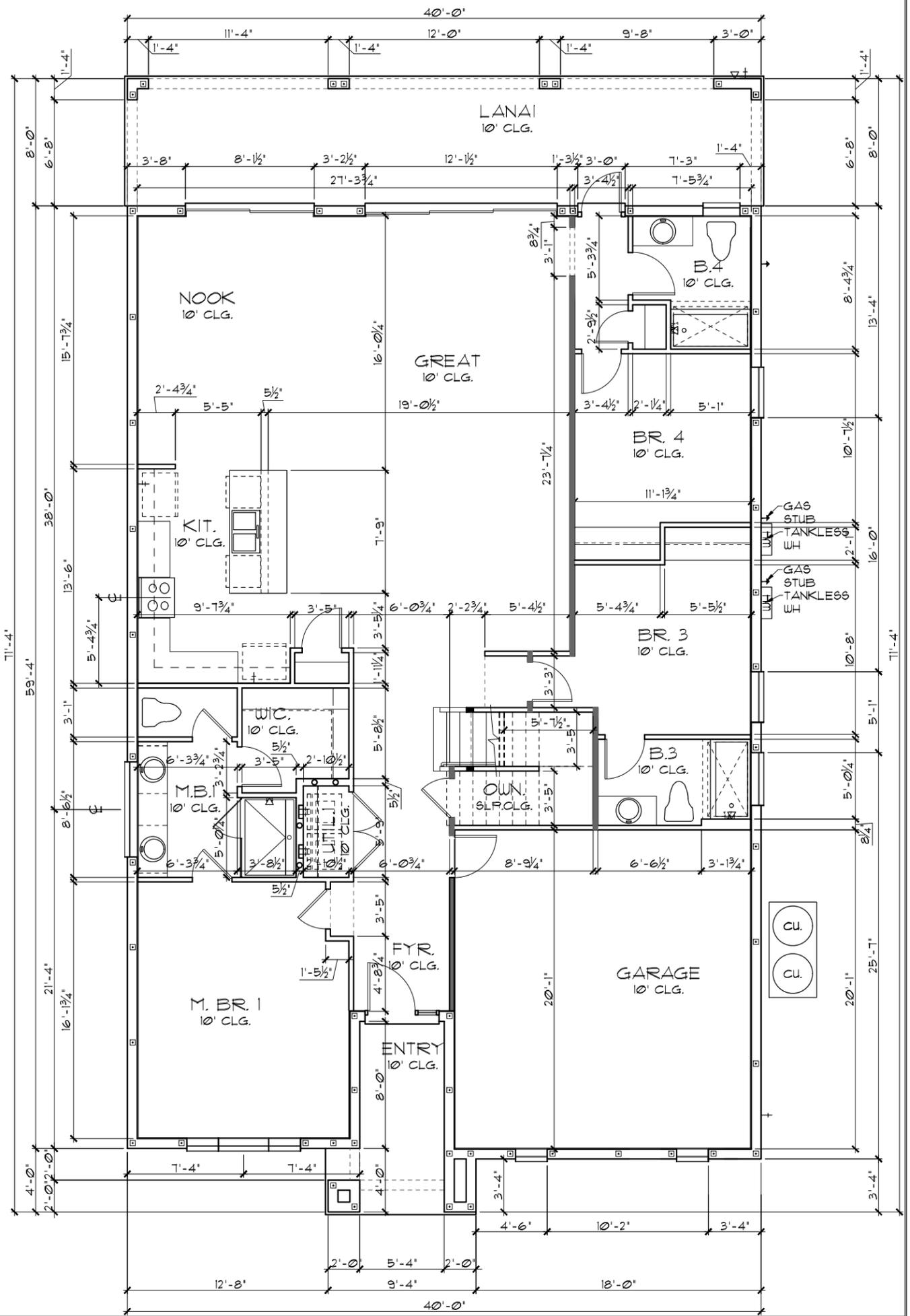
**4232**

DATE 04-08-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 4232  
 SHEET  
**02B.0**  
 OF SHEETS

TABULATION	
UPPER LIVING	2,294 SF.
LOWER LIVING	1,938 SF.
TOTAL LIVING	4,232 SF.
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ENTRY	115 SF.
LANAI	320 SF.
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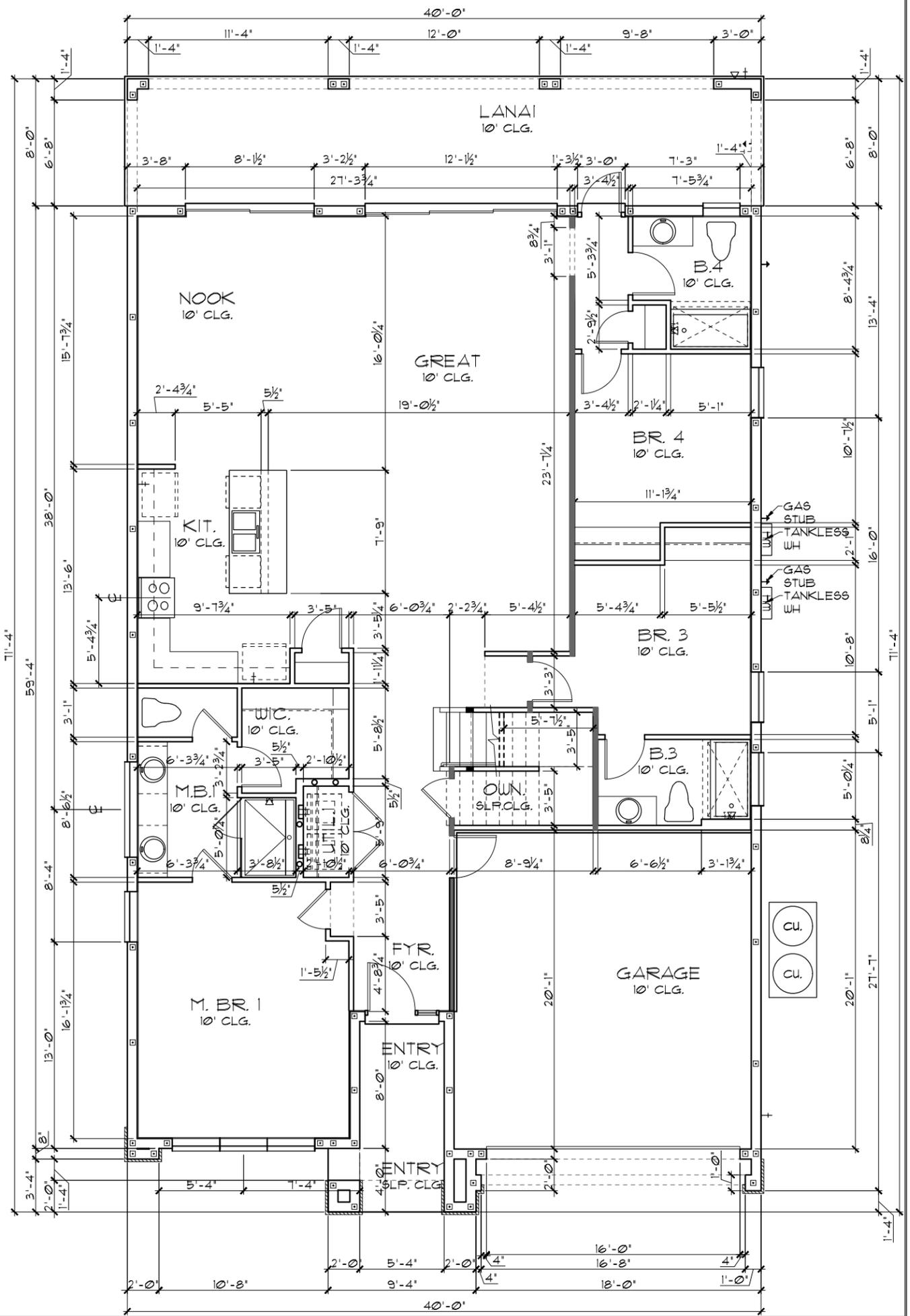
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<b>REEF</b> <b>PARADISO GRANDE</b>	<b>FLOOR PLAN W/ DIMENSIONS</b>
<b>4232</b>	<b>DATE</b> 04-09-21 <b>SCALE</b> AS NOTED <b>DRAWN</b> RDC <b>JOB</b> 4232 <b>SHEET</b> 02B.1 <b>OF SHEETS</b>

TABULATION	
UPPER LIVING	2,294 SF.
LOWER LIVING	1,938 SF.
TOTAL LIVING	4,232 SF.
GARAGE	407 SF.
ENTRY	115 SF.
LANAI	320 SF.
TOTAL UNDER ROOF	5,014 SF.

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**FLOOR PLAN W/ DIMENSIONS "C"**  
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**Park Square HOMES**

**FLOOR PLAN W/ DIMENSIONS**

**REFEEL**

**PARADISO GRANDE**

**4232**

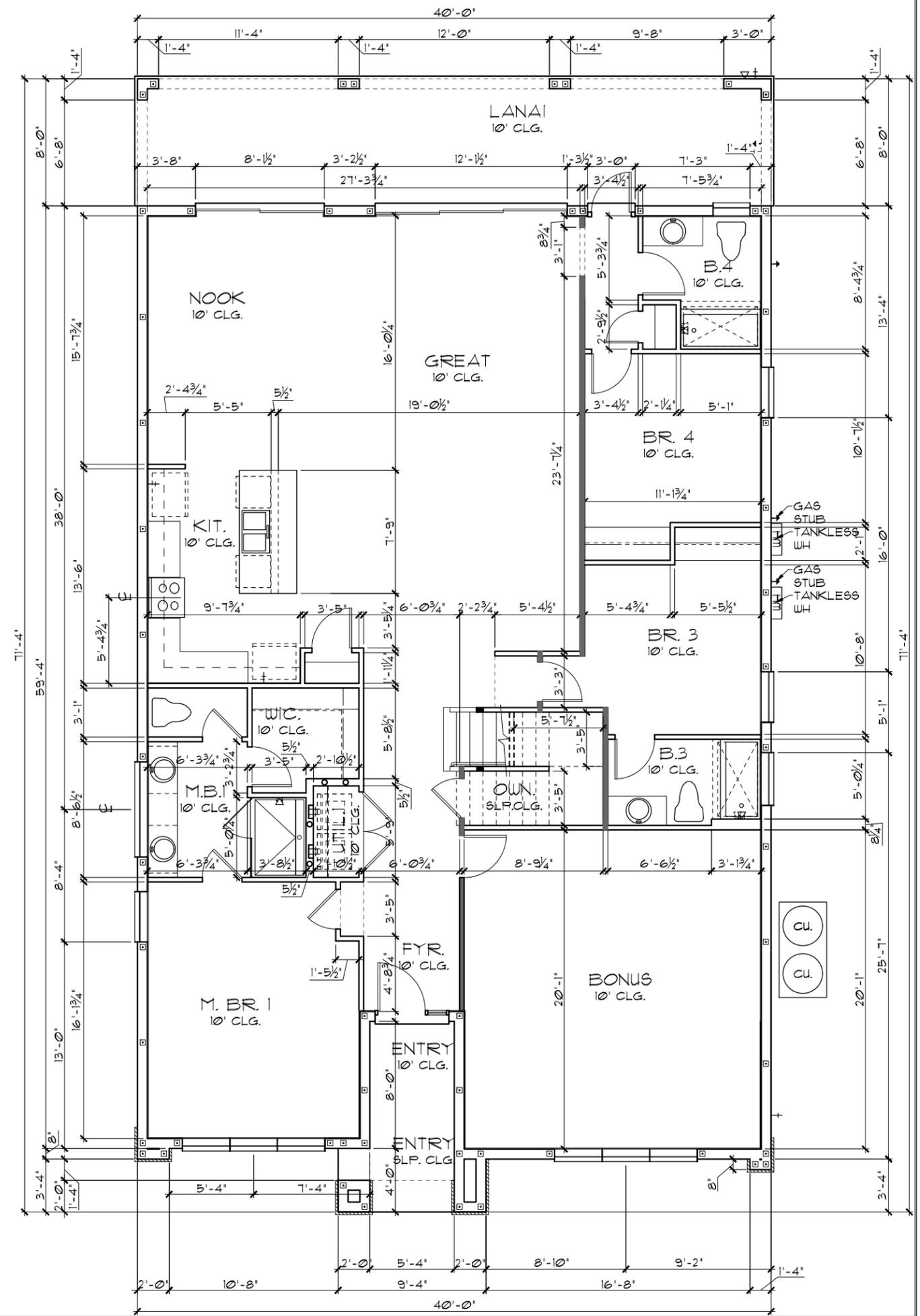
DATE 04-08-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 4232  
 SHEET 02C.0  
 OF SHEETS

TABULATION	
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ENTRY	115 SF.
LANAI	320 SF.
TOTAL UNDER ROOF	5,014 SF.

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**PARADISO GRANDE**

**REEF**

**4232**

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 4232

SHEET 02C.1

OF SHEETS

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**Park Square HOMES**

**FLOOR PLAN W/ DIMENSIONS**

**PARADISO GRANDE**

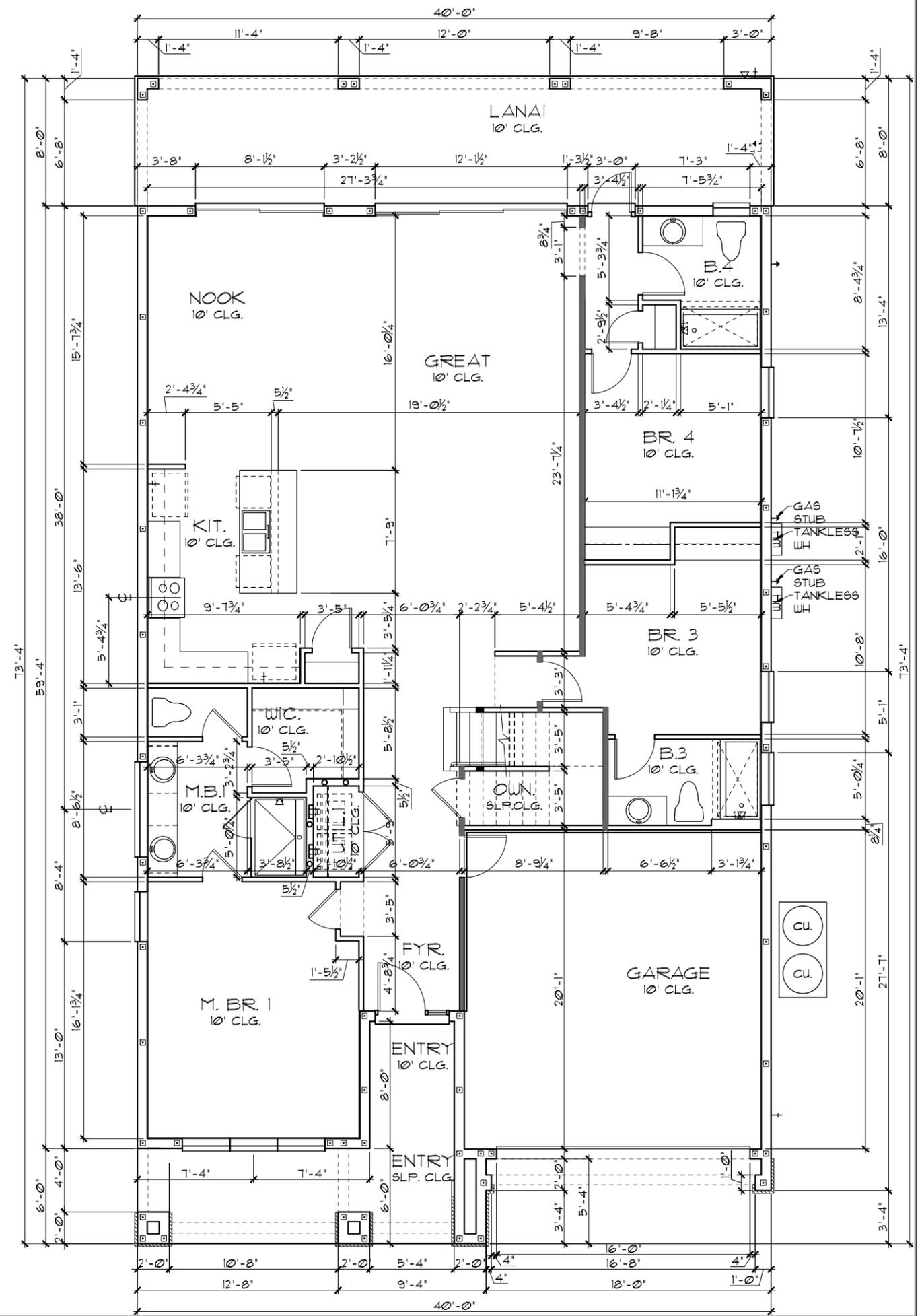
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TABULATION	
UPPER LIVING	2,294 SF.
LOWER LIVING	1,938 SF.
TOTAL LIVING	4,232 SF.
GARAGE	401 SF.
ENTRY	209 SF.
LANAI	320 SF.
TOTAL UNDER ROOF	5,168 SF.

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<p>4232</p>	<p>DATE 04-09-21</p>
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<p>JOB 4232</p>	<p>SHEET 02D.0</p>
<p>OF SHEETS</p>	<p>OF SHEETS</p>

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**Park Square Homes**

**FLOOR PLAN W/ DIMENSIONS**

**PARADISO GRANDE**

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

**DEAD LOADS**

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

**FLOOR LIVE LOADS**

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

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

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

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

- BASIC WIND SPEED: ----- 140 MPH
  - RISK CATEGORY: ----- II
  - WIND EXPOSURE: ----- B
  - BUILDING TYPE: ----- V B
  - ENCLOSURE CLASSIFICATION -- +/- .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.

**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: M1307.1 - M1307.2
- ALL INTER FIRST FLOOR CEILINGS AT 10'-0" UNLESS NOTED OTHERWISE.  
ALL INTER SECOND FLOOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.

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

**EERO- R310.2.1- FBCR2023**

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

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

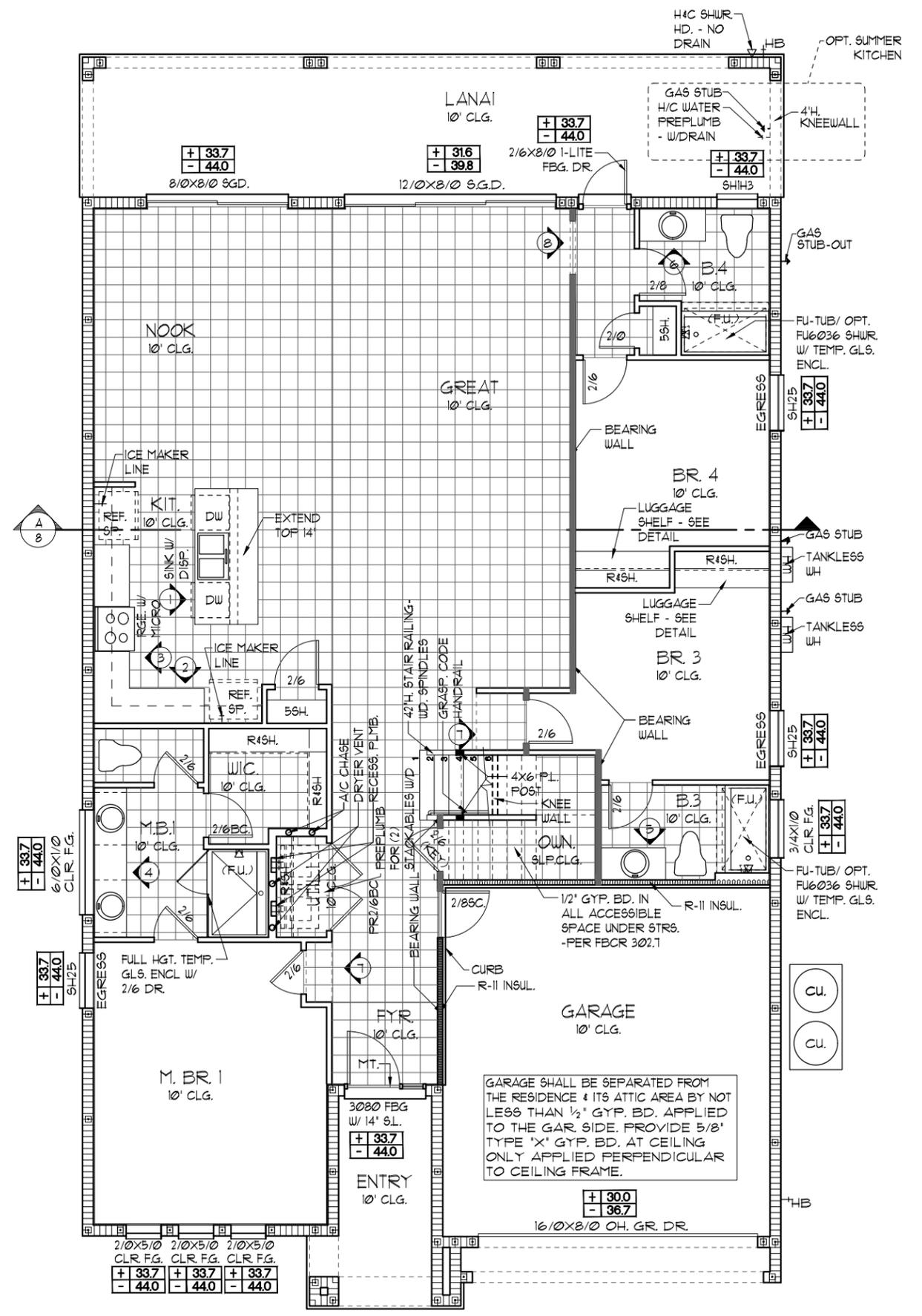
**PER FBC R301- TABLE R301.5**

GUARDRAILS & HANDRAILS	CONC. LOAD	200 LBS
GUARDRAIL IN - FILL COMPONENTS	CONC. LOAD	50 LBS
STAIRS	CONC. LOAD	300 LBS
PER FBC R312 - R312.12 & R312.13 & R311.12.1		
GUARDRAILS HEIGHT		36" MIN.
HANDRAIL HEIGHT		34" MIN. TO 38" MAX.
GUARDRAIL OPENING LIMITATIONS		4" IN DIAMETER MAX.

NOTE: HANDRAIL CONTINUITY PER R311.12.2 - 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.

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

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



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

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

**LOT: 0000, PARADISO GRANDE**

**PARADISO GRANDE**

**REEF**

**4232**

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

**PARADISO GRANDE**

**REVISIONS**

NO.	DESCRIPTION	DATE	BY

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

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

**DEAD LOADS**

FLOOR: STRUCTURE	1 PSF
CEILING	3 PSF
MECH/ELEC	5 PSF
PARTITIONS	5 PSF
TOTAL	20 PSF
ROOF: 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:	
SLEEPING ROOM	40 PSF
SLEEPING ROOM	30 PSF
STAIR LIVE LOAD	40 PSF
BALCONIES	40 PSF
PASSANGER VEHICLE GARAGE	50 PSF

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

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

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

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

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**EERO- R310.2.1- FBCR2023**

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

GUARDRAILS & HANDRAILS	CONC. LOAD	200 LBS
GUARDRAIL IN - FILL COMPONENTS	CONC. LOAD	50 LBS
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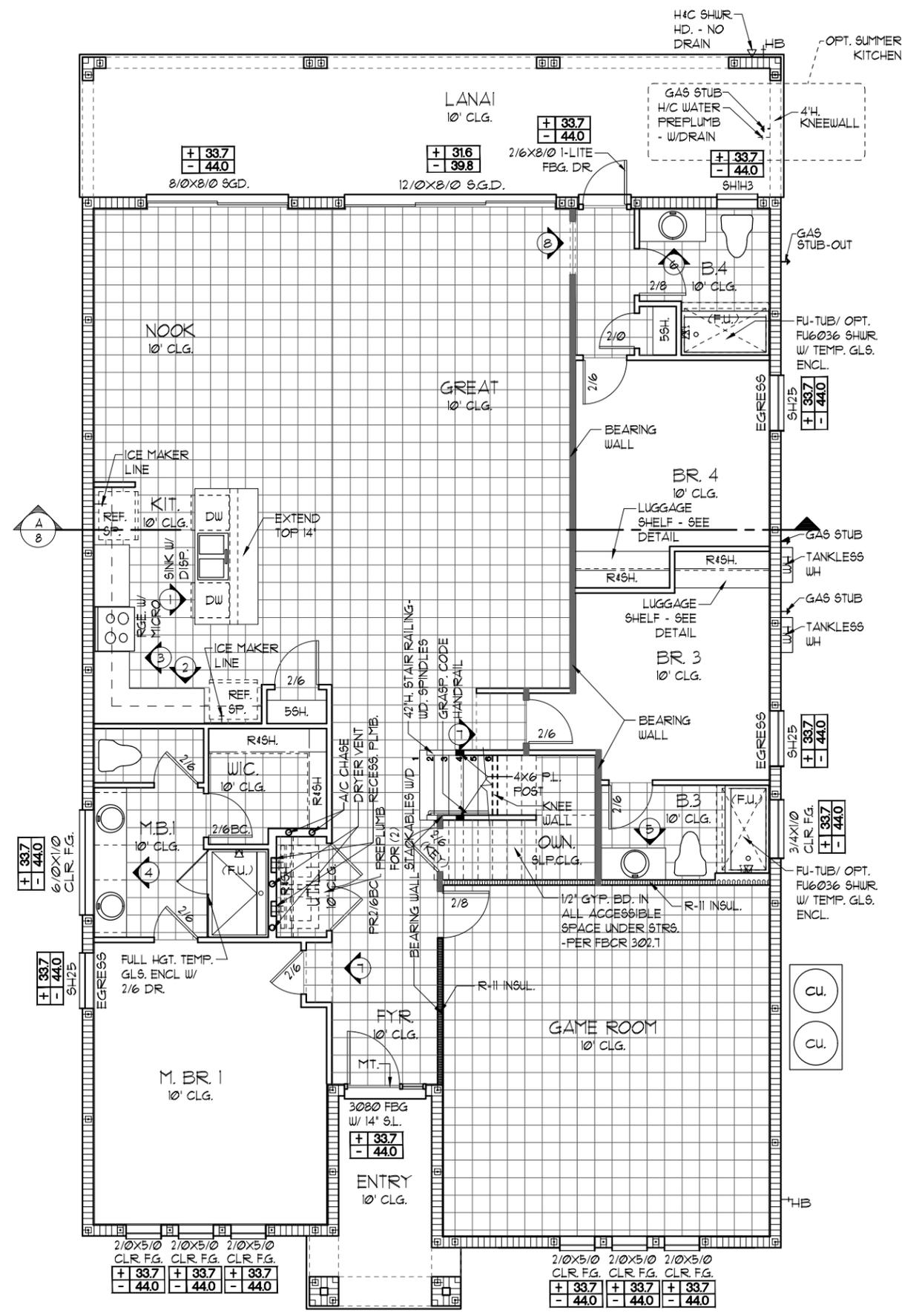
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**LOT: 0000, PARADISO GRANDE**

**PARADISO GRANDE**

**REEF**

**4232**

DATE 04-09-21  
SCALE AS NOTED  
DRAWN RDC  
JOB 4232  
SHEET 03A.1 OF SHEETS

**PARADISO GRANDE**

**REVISIONS**

NO.	DESCRIPTION	BY

**ITEC**  
THOMPSON ENGINEERING GROUP, INC.  
1000 W. UNIVERSITY BLVD., SUITE 200  
ORLANDO, FLORIDA 32811  
PHONE: (407) 734-1178  
WWW.ITEC.COM

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

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

**DEAD LOADS**

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

RESIDENTIAL FLOOR	40 PSF
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  - WIND EXPOSURE: ----- B
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  - COEFFICIENT: -----
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**PER FBC R301- TABLE R301.5**

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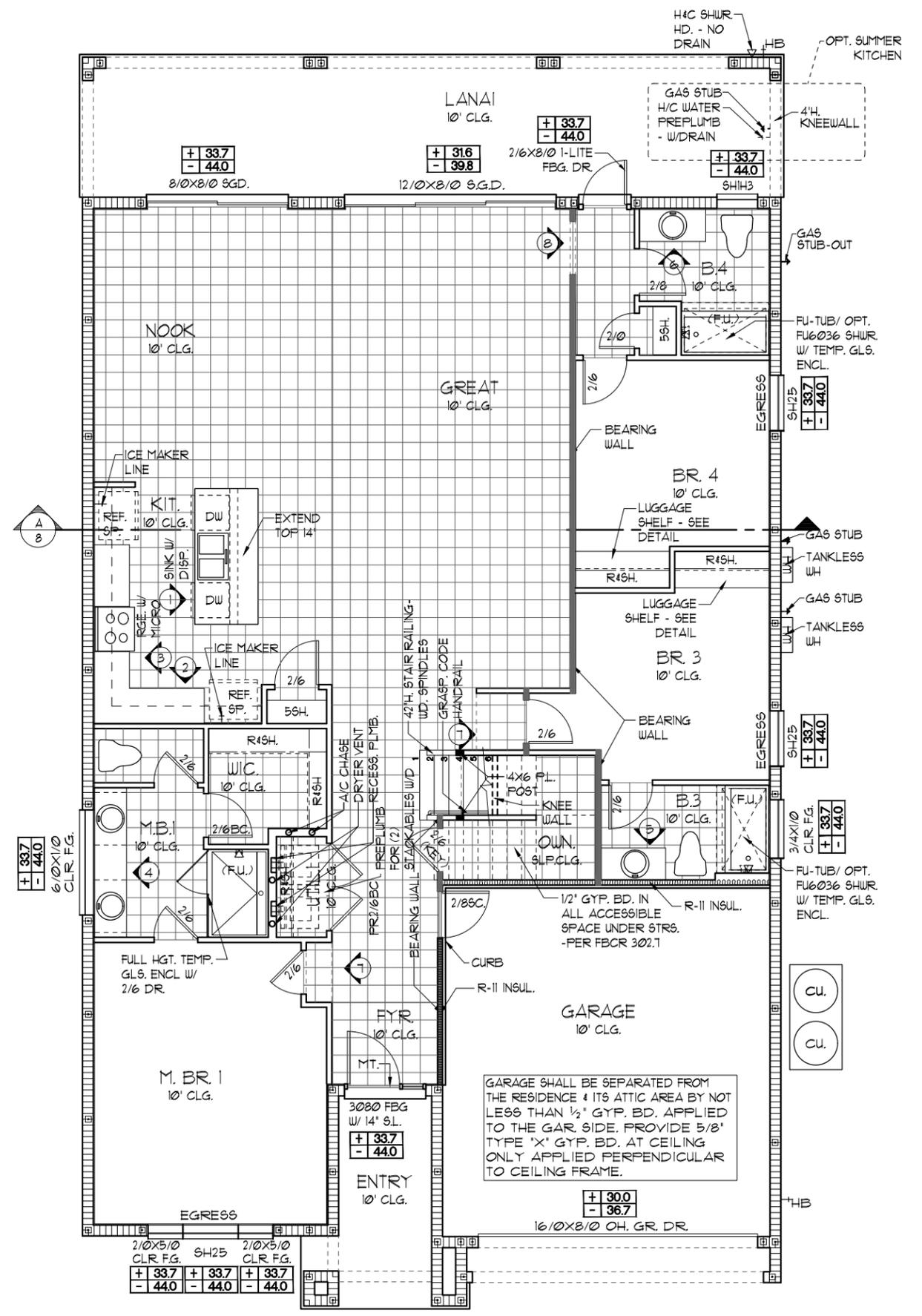
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**LOT: 0000, PARADISO GRANDE**

**PARADISO GRANDE**

**REEF**

**4232**

DATE 04-08-21  
SCALE AS NOTED  
DRAWN RDC  
JOB 4232  
SHEET 03B.0 OF SHEETS

**PARADISO GRANDE**

**REVISIONS**

NO.	DESCRIPTION	DATE	BY

**HITEC**  
THOMPSON ENGINEERING GROUP, INC.  
1000 W. UNIVERSITY BLVD., SUITE 200  
ORLANDO, FLORIDA 32811  
PHONE: (407) 734-1178  
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**Park Square HOMES**  
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5200 Vineland Road, Suite 200  
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Phone: (407) 529 - 3000

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

**DEAD LOADS**

FLOOR: STRUCTURE	1 PSF
CEILINGS	3 PSF
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**WIND INFORMATION**  
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  - WIND EXPOSURE: ----- B
  - BUILDING TYPE: ----- V B
  - ENCLOSURE CLASSIFICATION -- +/- .18, INCLUDED INTERNAL PRESSURE IN NOTE #6
  - COEFFICIENT: -----
  - COMPONENT / CLADDING ----- SEE PLAN DESIGN WIND PRESSURE:
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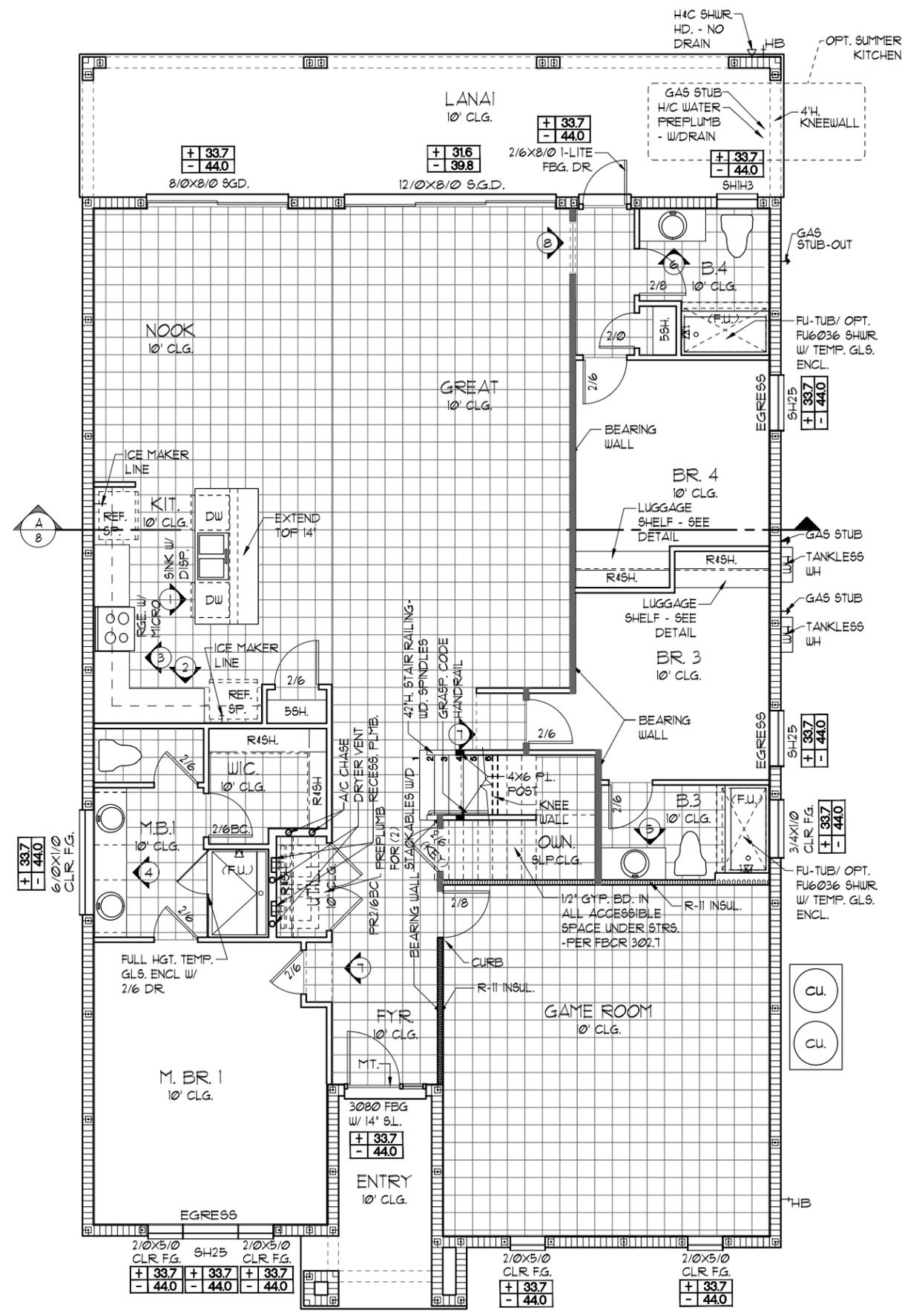
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THOMPSON ENGINEERING GROUP, INC.  
10000 Lake Nona Blvd., Suite 400  
Orlando, FL 32817  
Phone: (407) 734-1450  
www.itec.com

**REVISIONS**

NO.	DESCRIPTION	DATE	BY

**FLOOR PLAN W/ NOTES**

**REF**

**PARADISO GRANDE**

**4232**

DATE 04-09-21  
SCALE AS NOTED  
DRAWN RDC  
JOB 4232  
SHEET 03B.1 OF SHEETS

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

**DEAD LOADS**

FLOOR: STRUCTURE	1 PSF
CEILINGS	3 PSF
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- 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: M1307.1 - M1307.2
- ALL INTER FIRST FLOOR CEILINGS AT 10'-0" UNLESS NOTED OTHERWISE.  
ALL INTER SECOND FLOOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.

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

**EERO- R310.2.1- FBCR2023**

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

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

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

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

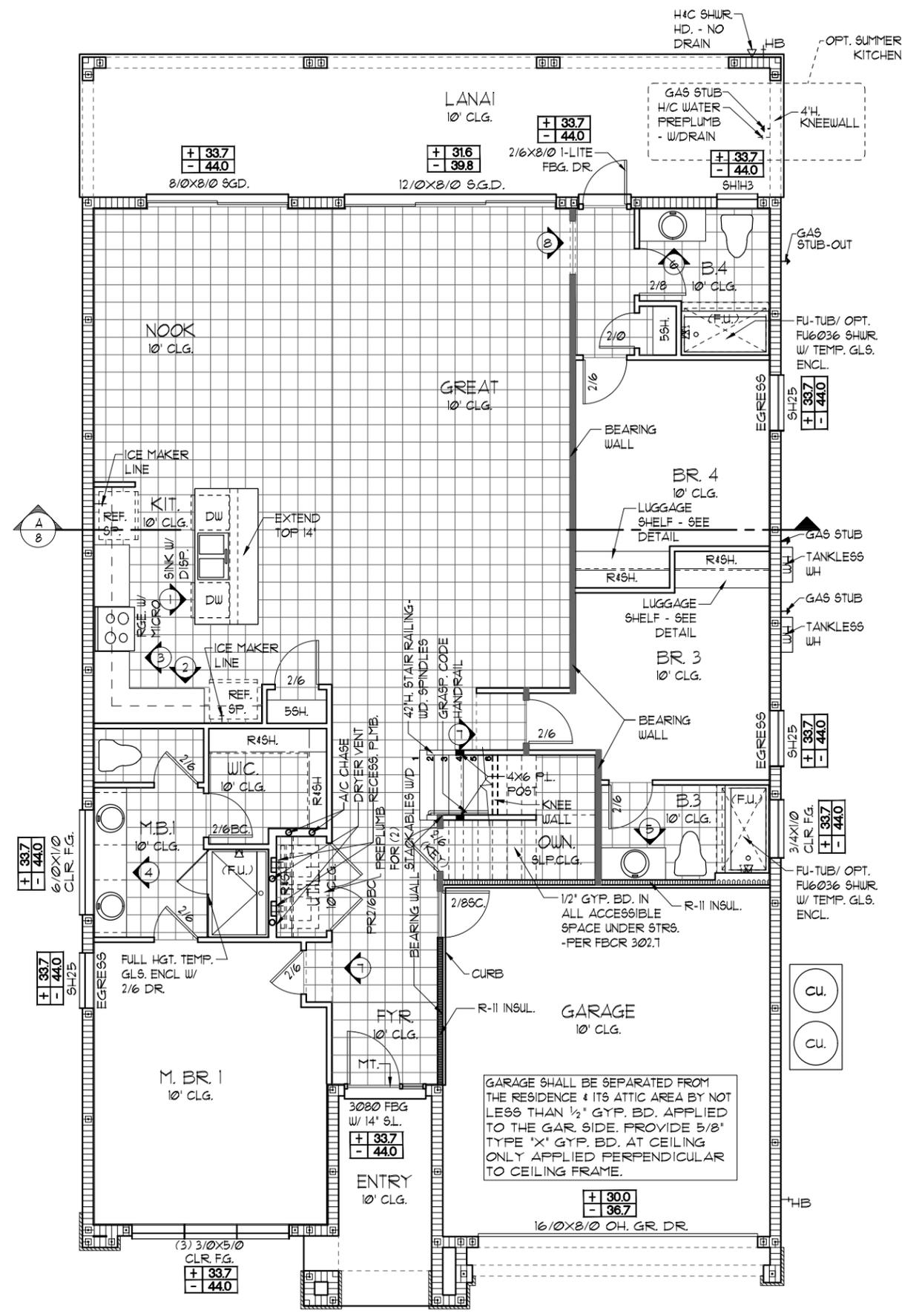
**PER FBC R312- R312.1.2 & R312.1.3 & R311.1.2.1**

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

NOTE: HANDRAIL CONTINUITY PER R311.1.2.2. HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN 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.

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

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



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

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

**LOT: 0000, PARADISO GRANDE**

**PARADISO GRANDE**

**REEF**

**4232**

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

**PARADISO GRANDE**

**REVISIONS**

NO.	DESCRIPTION	DATE	BY

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

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

**DEAD LOADS**

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

**FLOOR LIVE LOADS**

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

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

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

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

- BASIC WIND SPEED: -----140 MPH
- RISK CATEGORY: ----- II
- WIND EXPOSURE: ----- B
- BUILDING TYPE: ----- V B
- ENCLOSURE CLASSIFICATION -- +/- .18, INCLUDED INTERNAL PRESSURE IN NOTE #6
- COMPONENT / CLADDING ----- SEE PLAN DESIGN WIND PRESSURE:
  - + XXX DESIGN WIND PRESSURE IAW FLA
  - XXX RESIDENTIAL CODE, SECTION R301
 NOTE: DESIGN PRESSURES BASED ON BASIC WIND SPEED AND NOT ULTIMATE WIND SPEED.

**GENERAL NOTES**

- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
- VENT DRYER THRU ROOF.
- PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
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- MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
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  - DENOTES CONC. BLOCK WALL HGT. @ X'-0" AFF.
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- REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
- ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M1307.1 - M1307.2
- ALL INTER FIRST FLOOR CEILINGS AT 10'-0" UNLESS NOTED OTHERWISE.
- ALL INTER SECOND FLOOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.

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

**EERO- R310.2.1- FBCR2023**

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

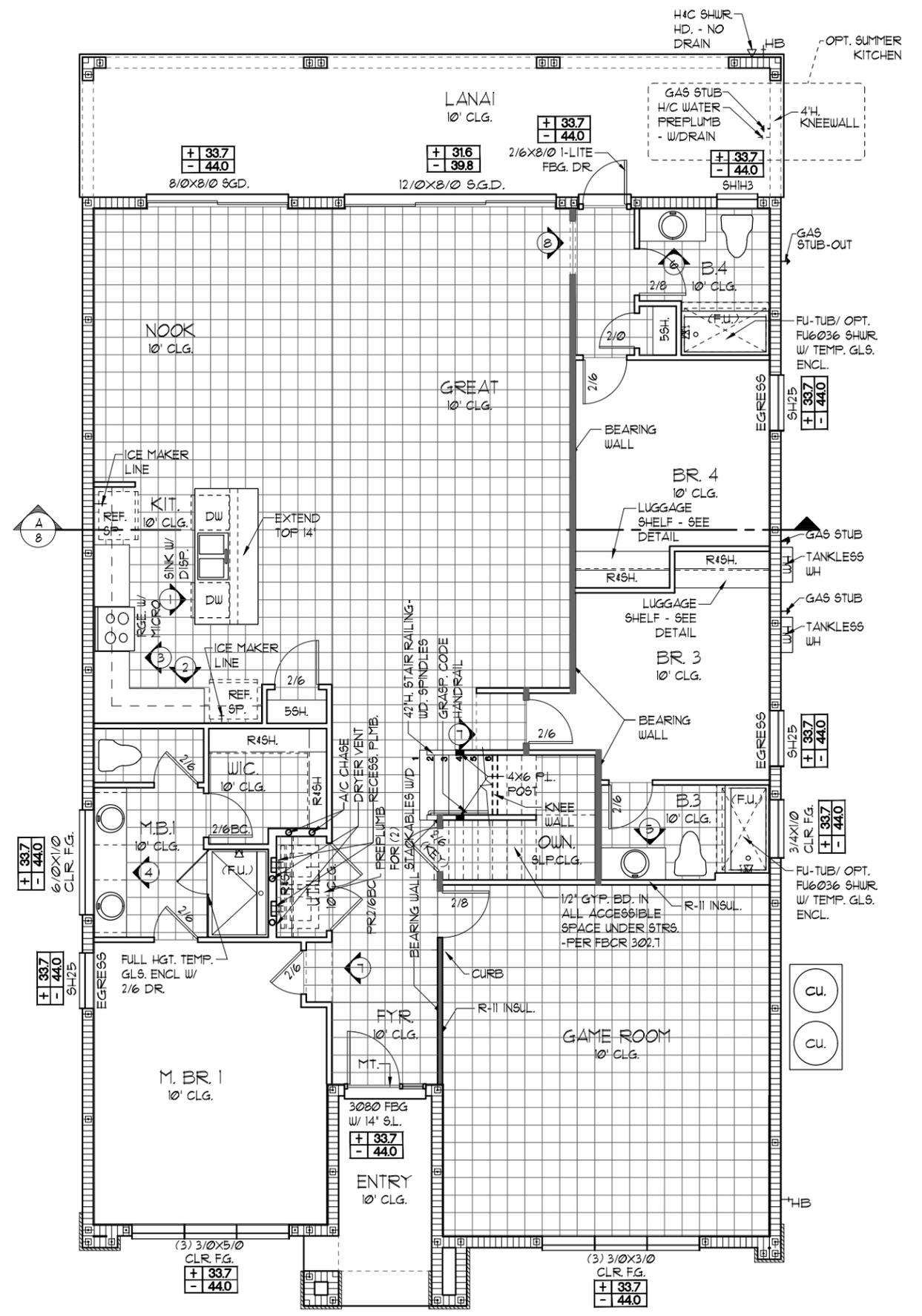
- NOTE:
- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT MORE THAN 44" MIN. AFF. - R310.2 - FBCR (2023)
  - IN DWELLING UNITS, WHERE THE BOTTOM OF THE CLEAR OPENING OF AN OPERABLE WINDOW OPENING IS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12"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

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

GUARDRAILS & HANDRAILS	CONC. LOAD	200 LBS
GUARDRAIL IN - FILL COMPONENTS	CONC. LOAD	50 LBS
STAIRS	CONC. LOAD	300 LBS
PER FBC R312- R312.12 & R312.13 & R311.12.1		
GUARDRAILS HEIGHT		36" MIN.
HANDRAIL HEIGHT		34" MIN. TO 38" MAX.
GUARDRAIL OPENING LIMITATIONS		4" IN DIAMETER MAX.

NOTE: HANDRAIL CONTINUITY PER R311.12.2- 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.

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



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

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

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

**PARADISO GRANDE**

LOT: 0000, PARADISO GRANDE

REF: REEF

DATE: 04-09-21

SCALE: AS NOTED

DRAWN: RDC

JOB: 4232

SHEET: 03C.1

OF SHEETS: 1

4232

PARADISO GRANDE

REVISIONS BY

**HITEC**  
THOMPSON ENGINEERING GROUP, INC.  
1000 W. UNIVERSITY BLVD., SUITE 200  
ORLANDO, FLORIDA 32811  
PHONE: (407) 734-1178  
WWW.HITEC.COM

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

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

**DEAD LOADS**

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

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RESIDENTIAL FLOOR:	40 PSF
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UNINHABITABLE ATTIC W/LIMITED STORAGE:	20 PSF
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ROOF SLOPE	0-200	201-600	OVER 600
0:12 < 4:12	20	16	12
≥ 4:12 < 12:12	16	14	12
≥ 12:12	12	12	12

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

- BASIC WIND SPEED: ----- 140 MPH
  - RISK CATEGORY: ----- II
  - WIND EXPOSURE: ----- B
  - BUILDING TYPE: ----- V B
  - ENCLOSURE CLASSIFICATION -- +/- .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.

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

**EERO- R310.2.1- FBCR2023**

SH25	NET CLEAR OPNG. HEIGHT 32' X NET CLEAR OPNG. WIDTH 21 1/2' = 6.19 SQFT	NET CLEAR OPENING OF NOT LESS THAN 5.1 SQFT MIN. NET CLEAR OPNG. HEIGHT DIMENSION SHALL BE 24'. THE MIN. NET CLEAR OPNG. WIDTH DIMENSION SHALL BE 20'.
SH25	63" H. X 31" W. WDW SIZE	MIN. NET CLEAR OPNG. FOR GRADE-FLOOR EMERGENCY ESCAPE AND RESCUE OPNG. SHALL BE 5.5 SQFT

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

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

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

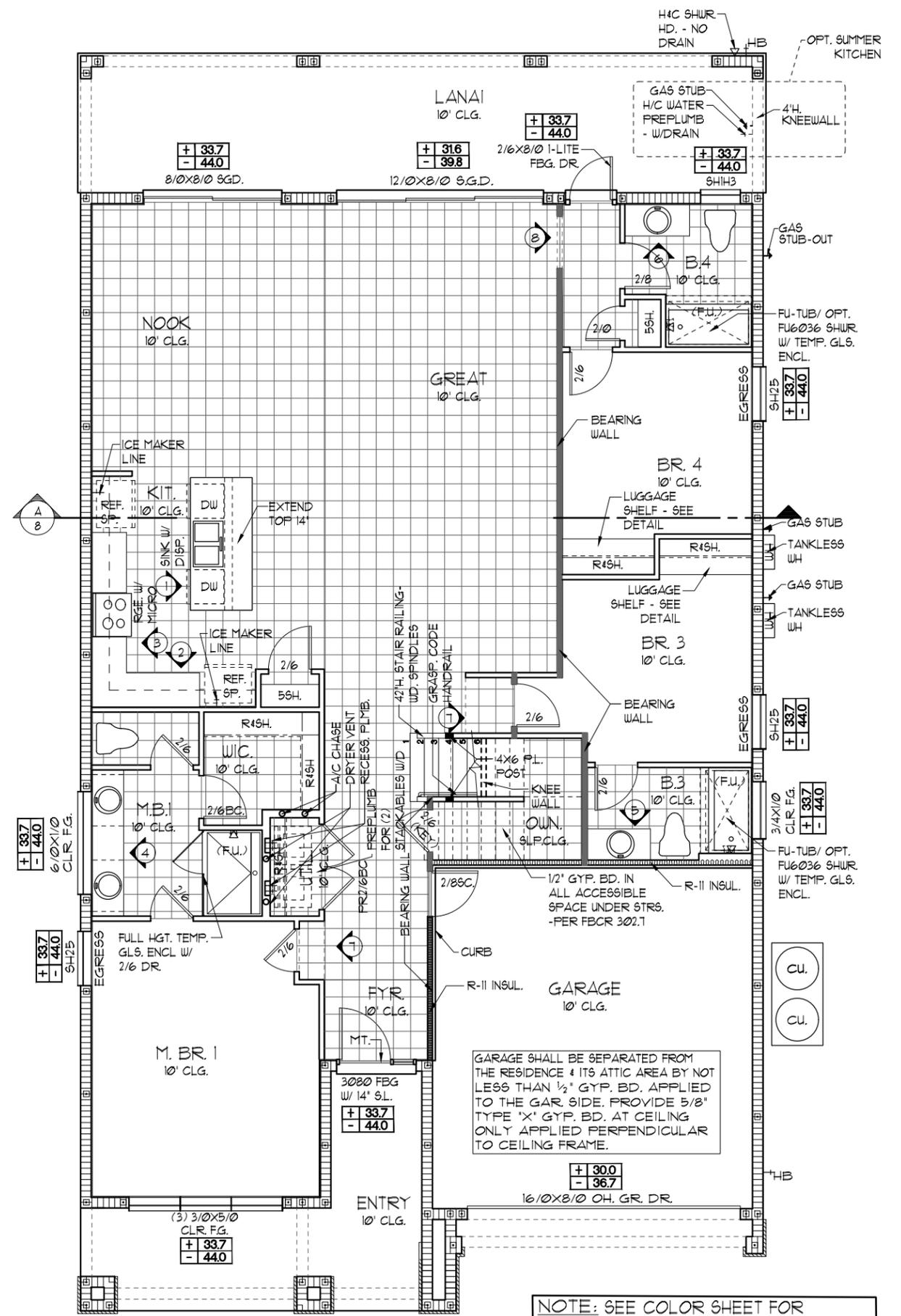
**PER FBC R312- R312.12 & R312.13 & R311.12.1**

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

NOTE: HANDRAIL CONTINUITY PER R311.12.2- 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.

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

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



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

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

**LOT: 0000, PARADISO GRANDE**

**PARADISO GRANDE**

**REEF**

**4232**

DATE 04-08-21  
SCALE AS NOTED  
DRAWN RDC  
JOB 4232  
SHEET  
03D.0 OF SHEETS

**PARADISO GRANDE**

**REVISIONS**

NO.	DESCRIPTION	DATE	BY

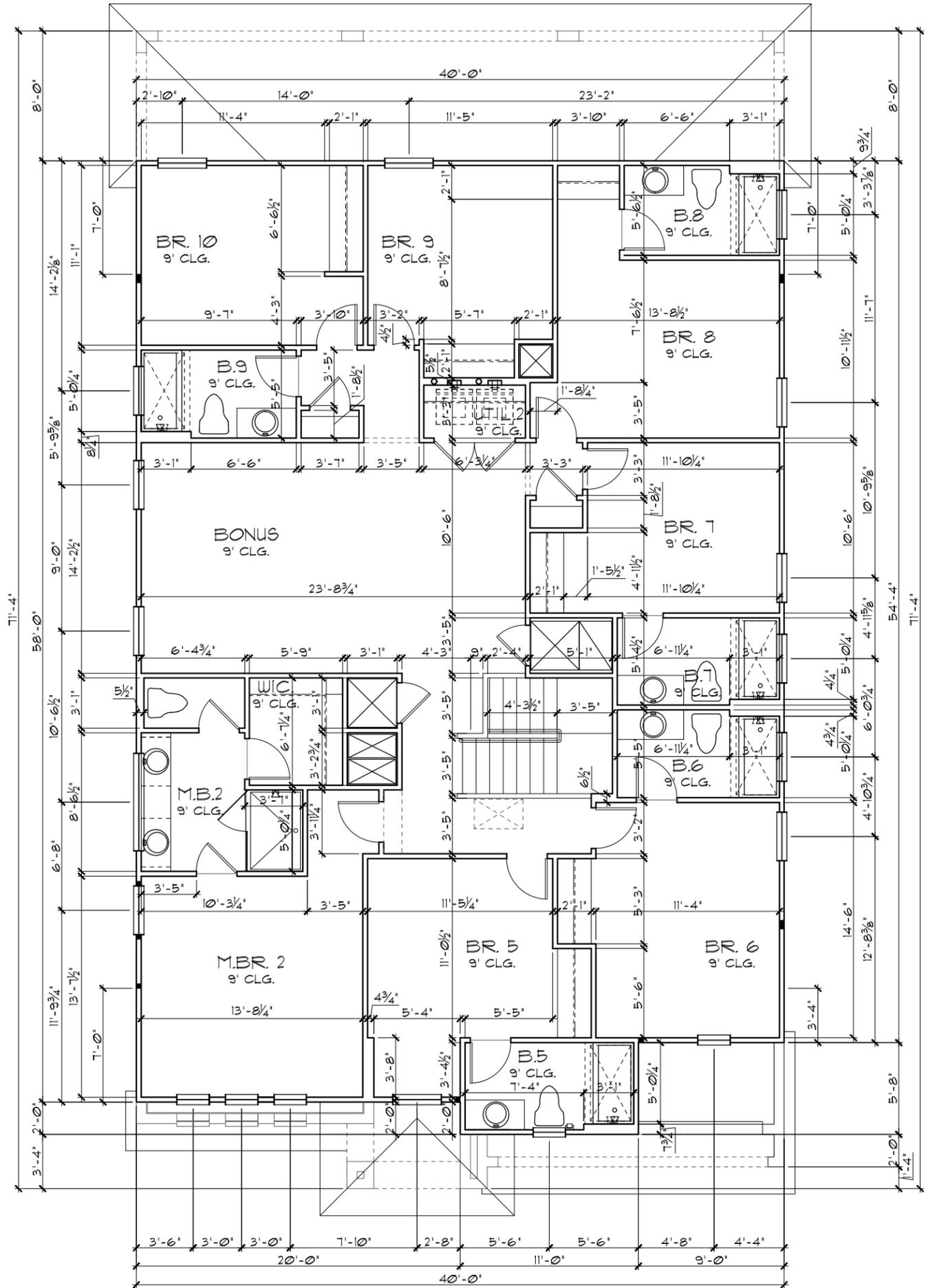
**HITEC**  
THOMPSON ENGINEERING GROUP, INC.  
1000 W. UNIVERSITY BLVD., SUITE 200  
ORLANDO, FLORIDA 32811  
PHONE: (407) 734-1178  
WWW.HITEC.COM

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

- 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 2003 EDITION, 2003 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

**LOI: 0000, PARADISO GRANDE**

**PARADISO GRANDE**

DATE	04-08-21
SCALE	AS NOTED
DRAWN	RDC
JOB	4232
SHEET	04A.0
OF SHEETS	04

**UPPER FLOOR PLAN W/  
DIMENSIONS**

**REEF**

**PARADISO GRANDE**

**Park Square HOMES**

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

REVISIONS	BY

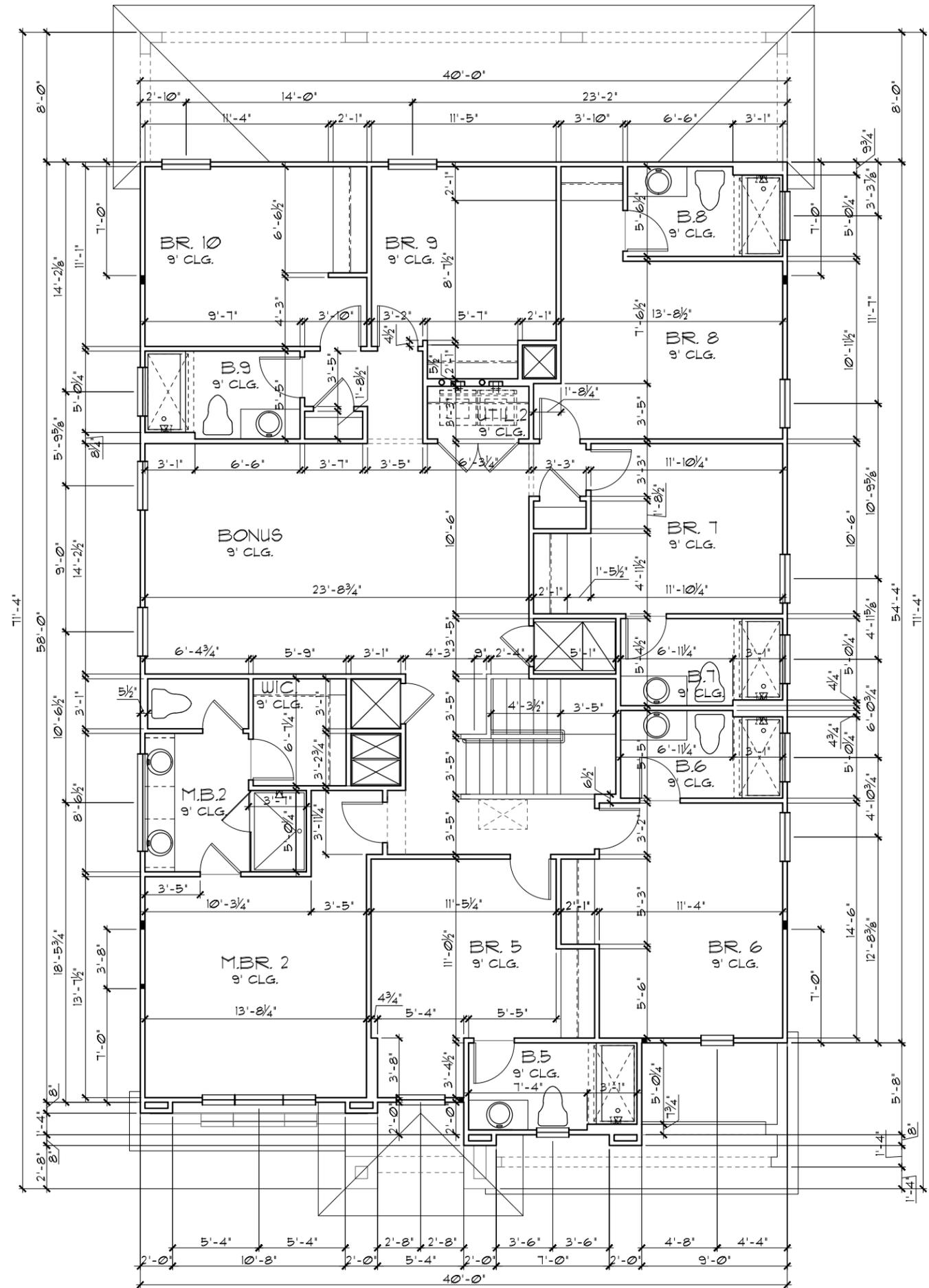
**ITEG**  
THOMPSON ENGINEERING GROUP, INC.  
3300 W. Colonial Blvd., Suite 400, Orlando, FL 32811  
Tel: (407) 754-1450 Fax: (407) 754-1778  
www.iteg.com

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- GENERAL NOTES**
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  3. ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3/2" UNLESS NOTED OTHERWISE.
  4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 1 1/2" UNLESS NOTED OTHERWISE.
  5. ALL INTERIOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.
  6. MECHANICAL EQUIPMENT LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.

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

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



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

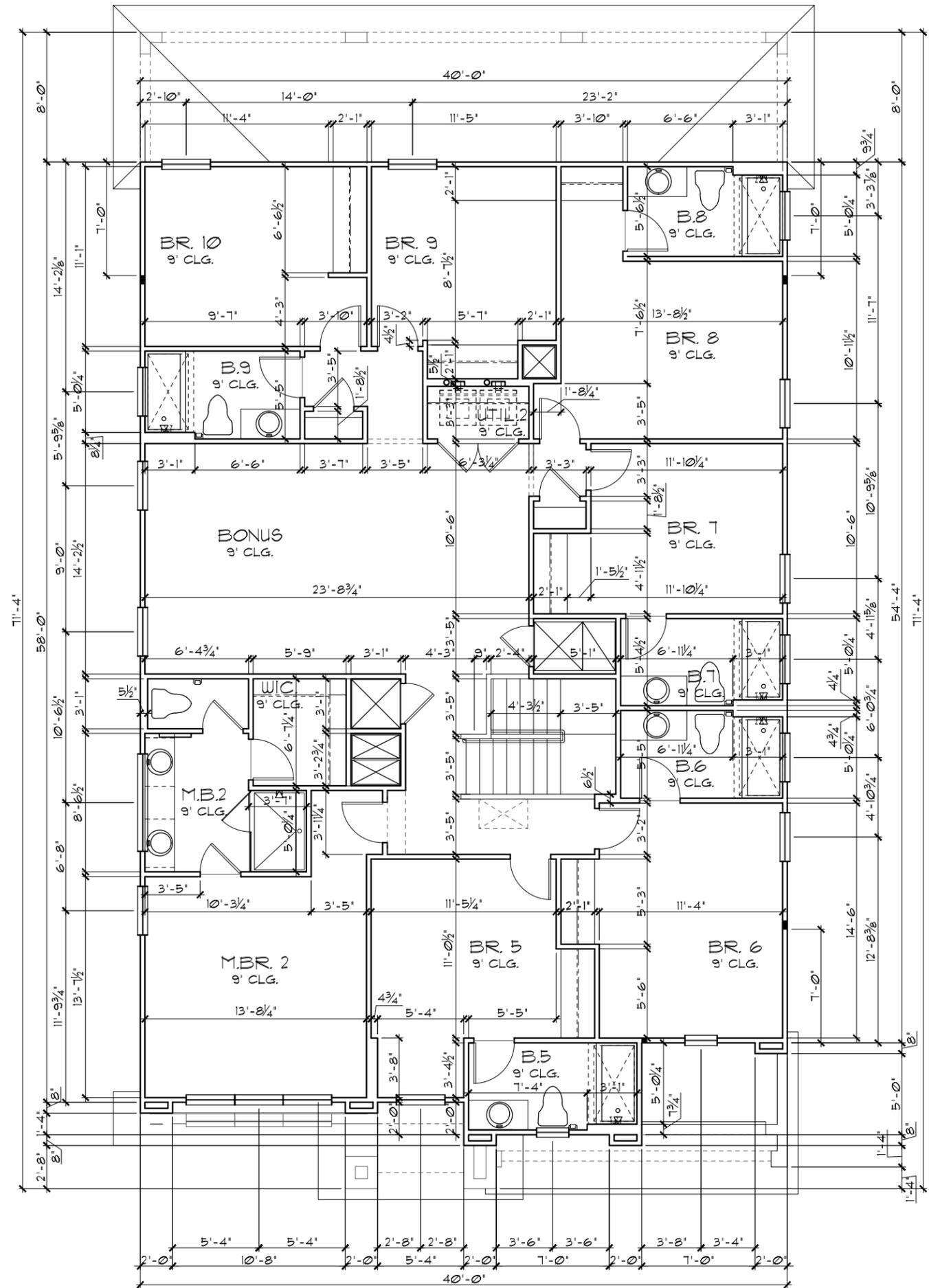
**LOT: 0000, PARADISO GRANDE**  
 A DIVISION OF PARK SQUARE ENTERPRISES, INC.  
 5200 Vineland Road, Suite 200  
 Orlando, Florida 32811  
 Phone: (407) 529 - 3000

<p><b>ITEG</b>          THOMPSON ENGINEERING GROUP, INC.          3345 AS Orange, FL 32811          Ph: (407) 724-1450          Fax: (407) 724-1770          www.iteg.com</p>	
<p><b>REVISIONS</b></p>	<p><b>BY</b></p>
<p><b>UPPER FLOOR PLAN W/ DIMENSIONS</b></p>	
<p><b>REEF</b></p>	<p><b>PARADISO GRANDE</b></p>
<p><b>4232</b></p>	<p>DATE 04-09-21          SCALE AS NOTED          DRAWN RDC          JOB 4232          SHEET  <b>04B.0</b>          OF SHEETS</p>

- GENERAL NOTES**
1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
  2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
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  5. ALL INTERIOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.
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**UPPER FLOOR PLAN W/  
DIMENSIONS "C"**

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



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

**LOT: 0000, PARADISO GRANDE**  
 A DIVISION OF PARK SQUARE ENTERPRISES, INC.  
 5200 Vineland Road, Suite 200  
 Orlando, Florida 32811  
 Phone: (407) 529 - 3000

<b>UPPER FLOOR PLAN W/ DIMENSIONS</b>	<b>REEF PARADISO GRANDE</b>
<b>4232</b>	DATE 04-09-21
SCALE AS NOTED	DRAWN RDC
JOB 4232	SHEET
<b>04C.0</b>	OF SHEETS

**PARADISO GRANDE**

**ITEG**  
 THOMPSON ENGINEERING GROUP, INC.  
 3345 W. Orange Blvd., Suite 405  
 Orlando, FL 32811  
 Tel: (407) 754-1450  
 Fax: (407) 754-1770  
 www.iteg.com

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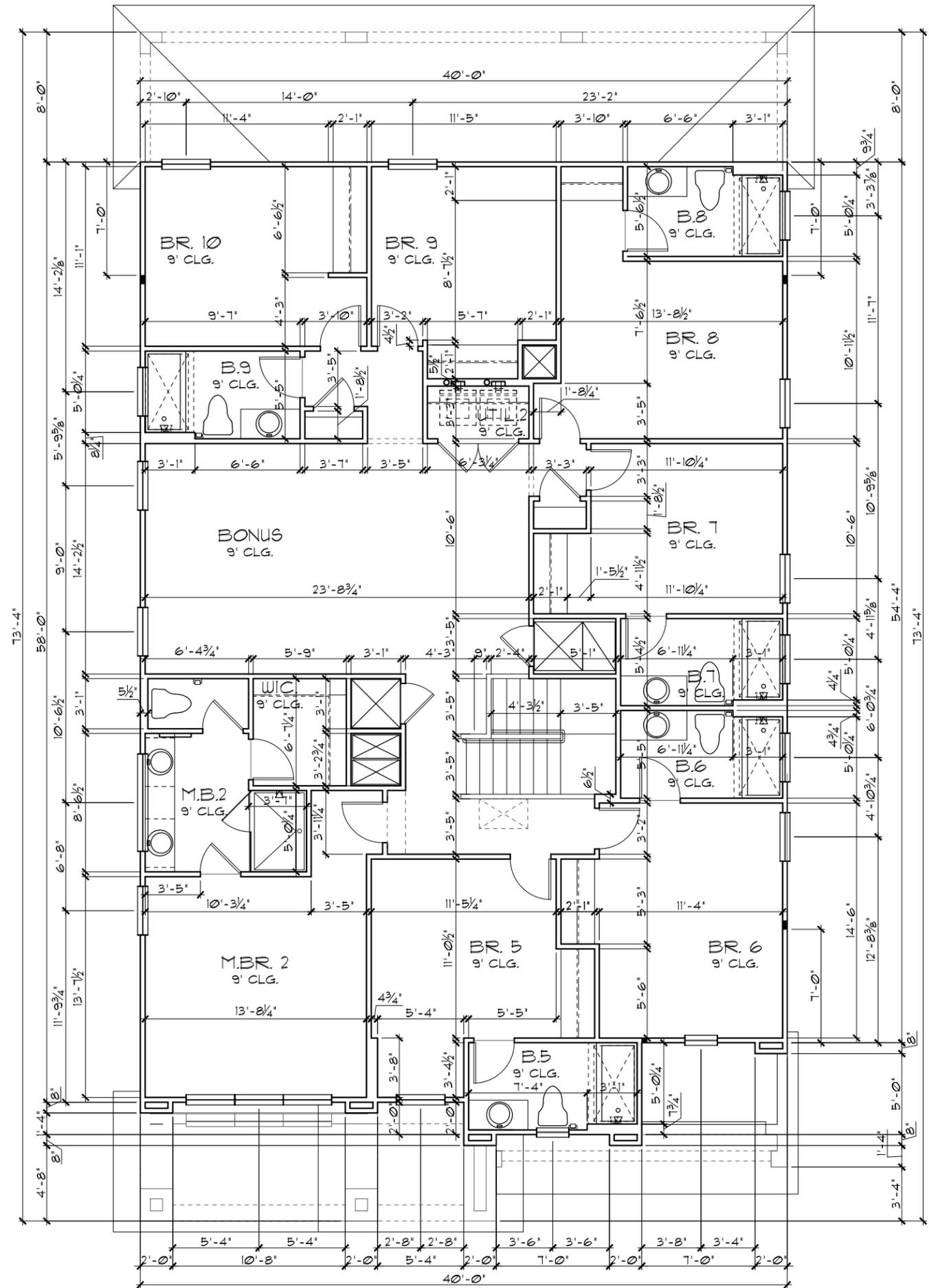
**REVISIONS**  

REVISIONS	BY

- GENERAL NOTES**
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  6. MECHANICAL EQUIPMENT LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.

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

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



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

**LOI: 0000, PARADISO GRANDE**  
 A DIVISION OF PARK SQUARE ENTERPRISES, INC.  
 5200 Vineland Road, Suite 200  
 Orlando, Florida 32811  
 Phone: (407) 529 - 3000

<b>UPPER FLOOR PLAN W/ DIMENSIONS</b>	<b>REEF</b>
<b>PARADISO GRANDE</b>	<b>PARADISO GRANDE</b>
<b>4232</b>	DATE 04-09-21
SCALE AS NOTED	DRAWN RDC
JOB 4232	SHEET
SHEET	OF SHEETS
<b>04D.0</b>	OF SHEETS

**ITEG**  
 THOMPSON ENGINEERING GROUP, INC.  
 3300 W. Orange Blvd., Suite 400  
 Orlando, FL 32811  
 Phone: (407) 734-1150  
 Fax: (407) 734-1770  
 www.iteg.com

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

**PARADISO GRANDE**

**UPPER FLOOR PLAN W/  
DIMENSIONS**

**REEF**  
**PARADISO GRANDE**

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

**DEAD LOADS**

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

**FLOOR LIVE LOADS**

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

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

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

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

- BASIC WIND SPEED: -----140 MPH
  - RISK CATEGORY: ----- II
  - WIND EXPOSURE: ----- B
  - BUILDING TYPE: ----- V B
  - ENCLOSURE CLASSIFICATION -- +/-, 1B, INCLUDED INTERNAL PRESSURE IN NOTE \*6
  - COEFFICIENT: -----
  - COMPONENT / CLADDING----- SEE PLAN DESIGN WIND PRESSURE:
    - + XXX DESIGN WIND PRESSURE IAW FLA
    - XXX RESIDENTIAL CODE, SECTION R301
- NOTE: DESIGN PRESSURES BASED ON BASIC WIND SPEED AND NOT ULTIMATE WIND SPEED.

**GENERAL NOTES**

- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
- VENT DRYER THRU ROOF.
- PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
- DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
- MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
- DENOTES CONC. BLOCK WALL HGT. @ 10'-0" 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: M1307.1 - M1307.2
- ALL INTER FIRST FLOOR CEILINGS AT 10'-0" UNLESS NOTED OTHERWISE.  
ALL INTER SECOND FLOOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.

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

**EERO- R310.2.1- FBCR2023**

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

NOTE:

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

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

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

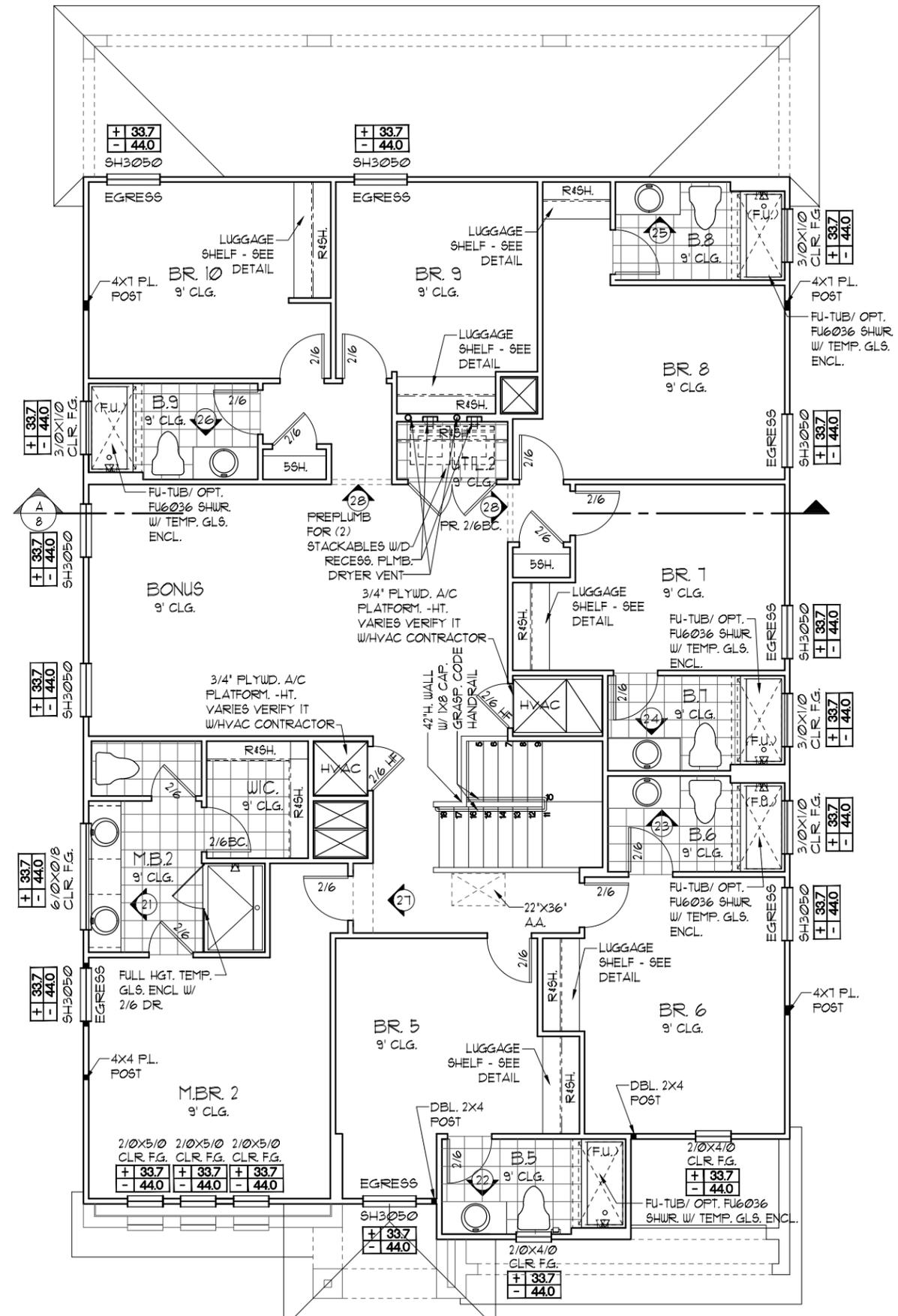
**PER FBC R312- R312.12 & R312.13 & R311.12.1**

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

NOTE: HANDRAIL CONTINUITY PER R311.12.2- 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.

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

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



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

**REVISIONS**

NO.	DESCRIPTION	DATE	BY

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

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10000 Lake Nona Blvd, Suite 100  
Orlando, FL 32827  
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www.iteg.com

**FLOOR PLAN W/ NOTES**

**REFEED**

**PARADISO GRANDE**

4232

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

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

**DEAD LOADS**

FLOOR: STRUCTURE	1 PSF
CEILINGS	3 PSF
MECH/ELEC	5 PSF
PARTITIONS	5 PSF
TOTAL	20 PSF
ROOF: 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
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ROOMS OTHER THAN SLEEPING ROOM:	40 PSF
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**WIND INFORMATION**  
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RESIDENTIAL CODE

- BASIC WIND SPEED: -----140 MPH
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- WIND EXPOSURE: ----- B
- BUILDING TYPE: ----- V B
- ENCLOSURE CLASSIFICATION -- +/-, 1B, INCLUDED INTERNAL PRESSURE IN NOTE #6 COEFFICIENT:
- COMPONENT / CLADDING----- SEE PLAN DESIGN WIND PRESSURE:  
+ XXX DESIGN WIND PRESSURE IAW FLA  
- XXX RESIDENTIAL CODE, SECTION R301  
NOTE: DESIGN PRESSURES BASED ON BASIC WIND SPEED AND NOT ULTIMATE WIND SPEED.

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- |  |   |
|--|---|
|  | DENOTES CONC. BLOCK WALL HGT. @ 10'-0" AFF. |
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**PER FBC R301- TABLE R301.5**

GUARDRAILS & HANDRAILS	CONC. LOAD	200 LBS
GUARDRAIL IN - FILL COMPONENTS	CONC. LOAD	50 LBS
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**PER FBC R312- R312.1.2 & R312.1.3 & R311.1.2.1**

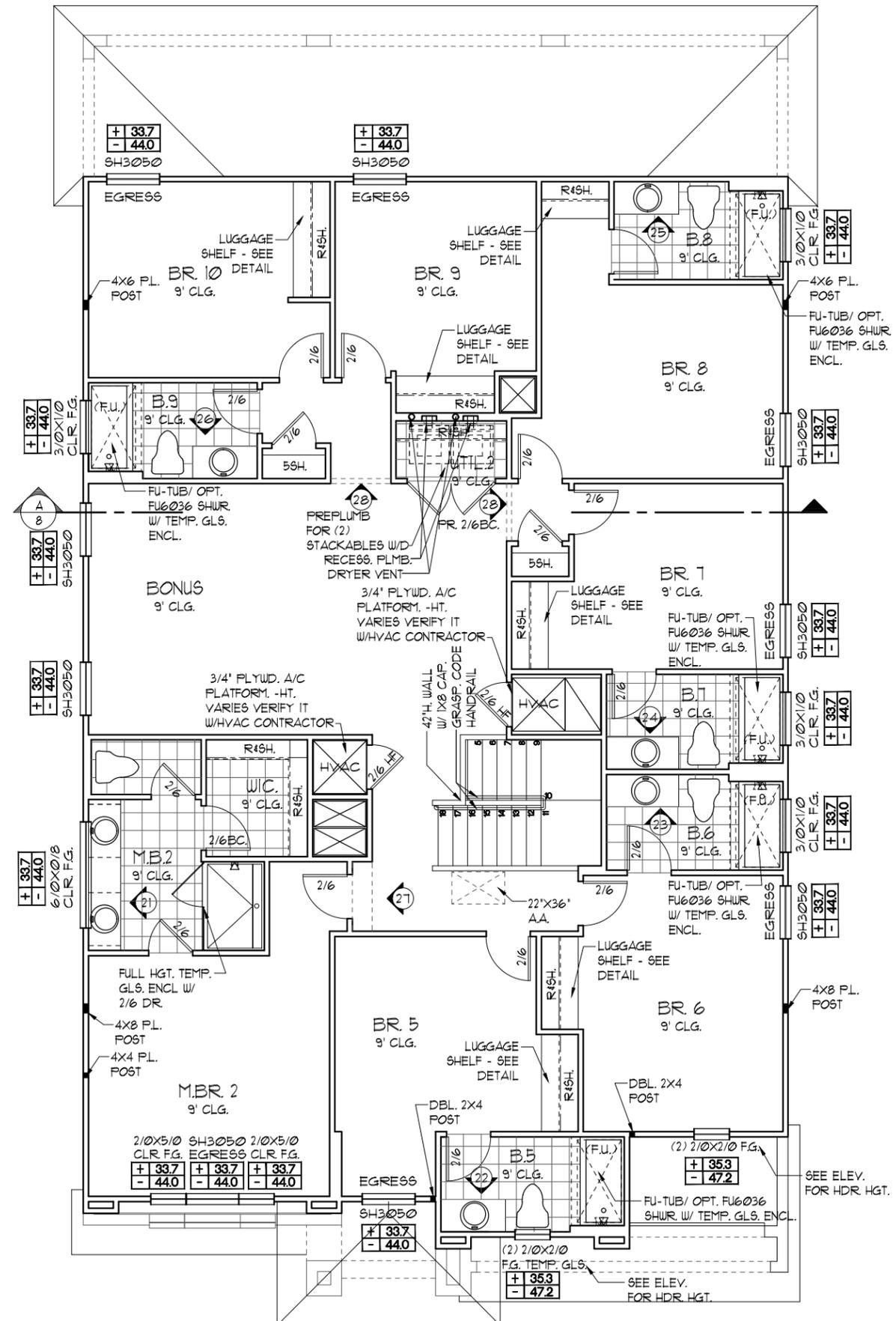
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**REVISIONS**

NO.	DATE	BY

**FLOOR PLAN W/ NOTES**

**REF**

**PARADISO GRANDE**

4232

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



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

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

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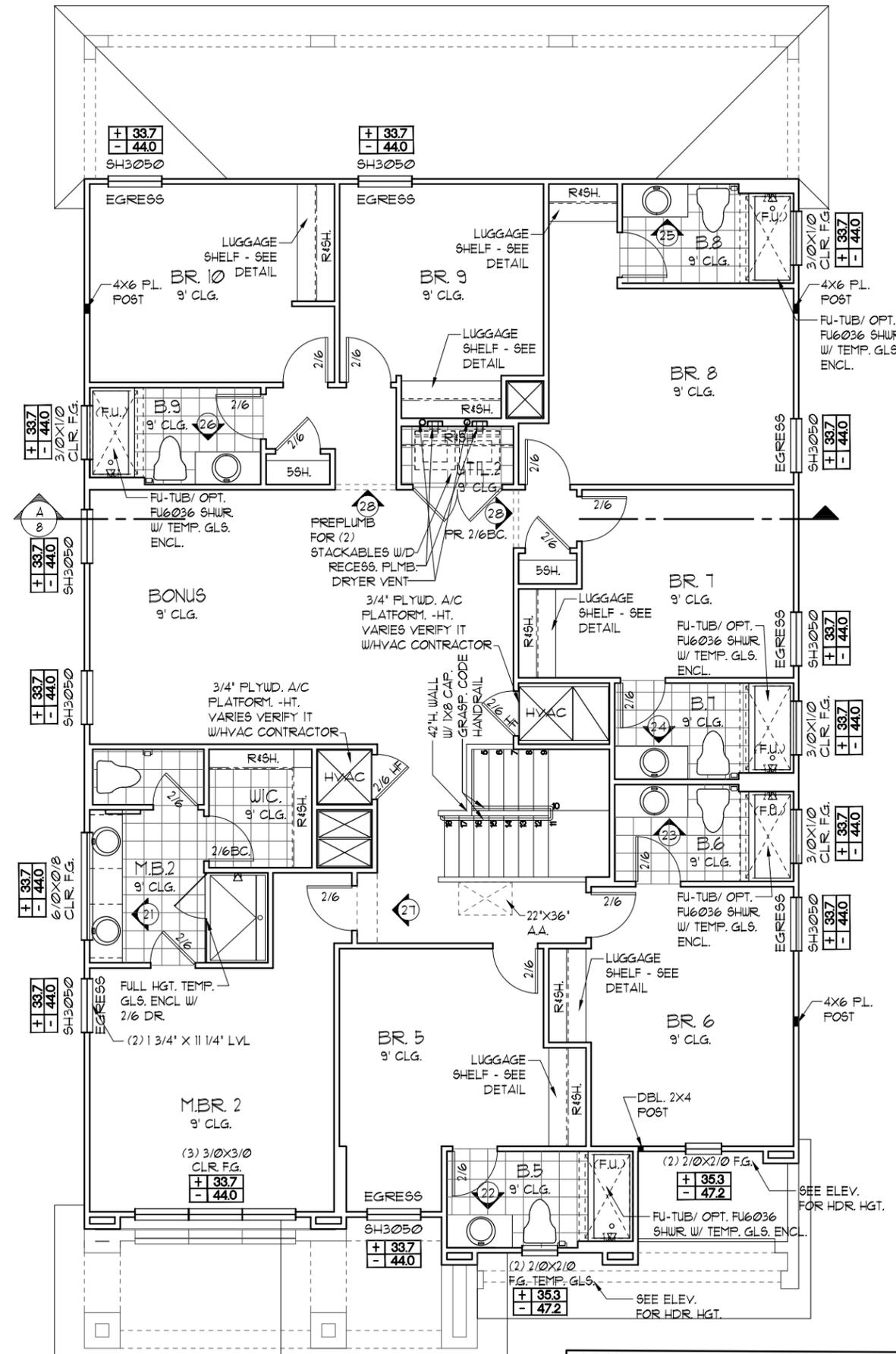
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**UPPER FLOOR PLAN NOTES "D"**  
1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

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**REVISIONS**

NO.	DESCRIPTION	DATE	BY

**FLOOR PLAN W/ NOTES**

**REF**

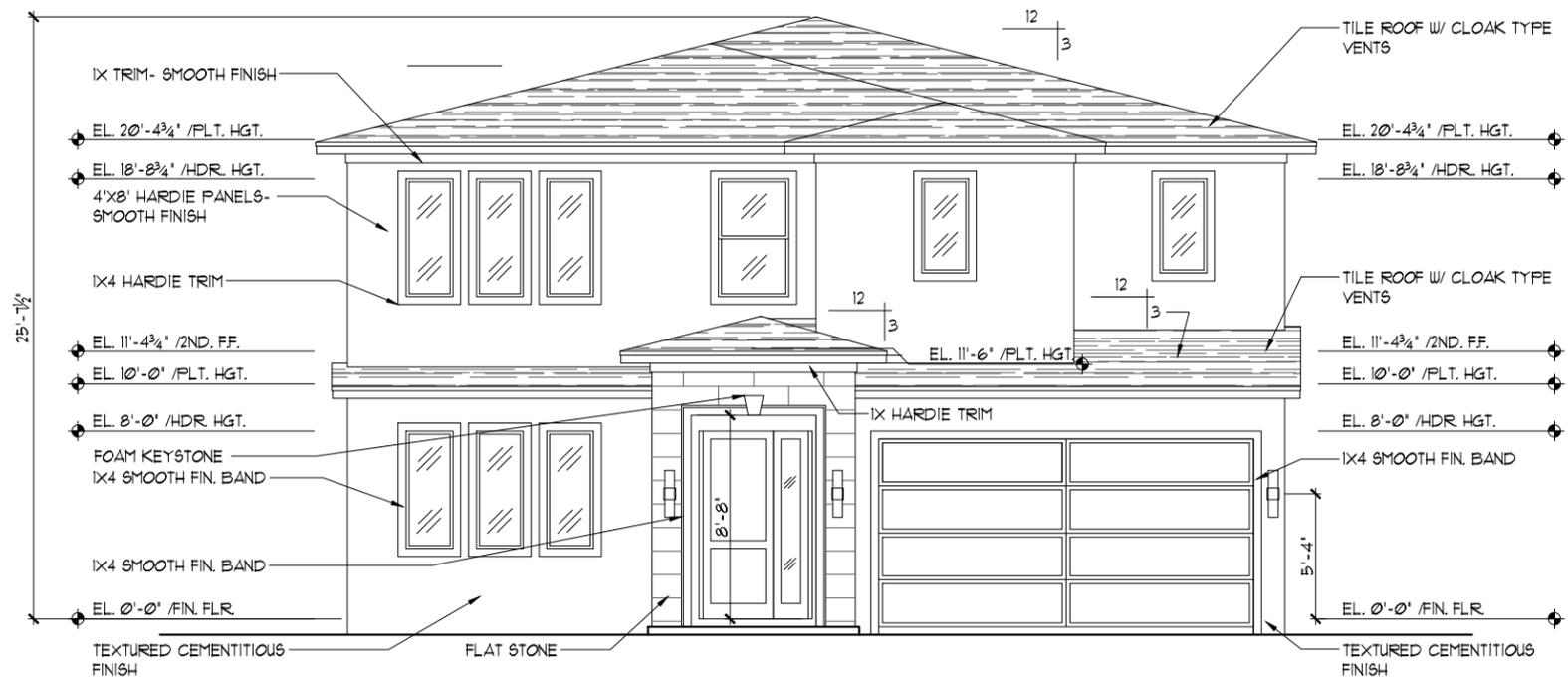
**PARADISO GRANDE**

4232

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

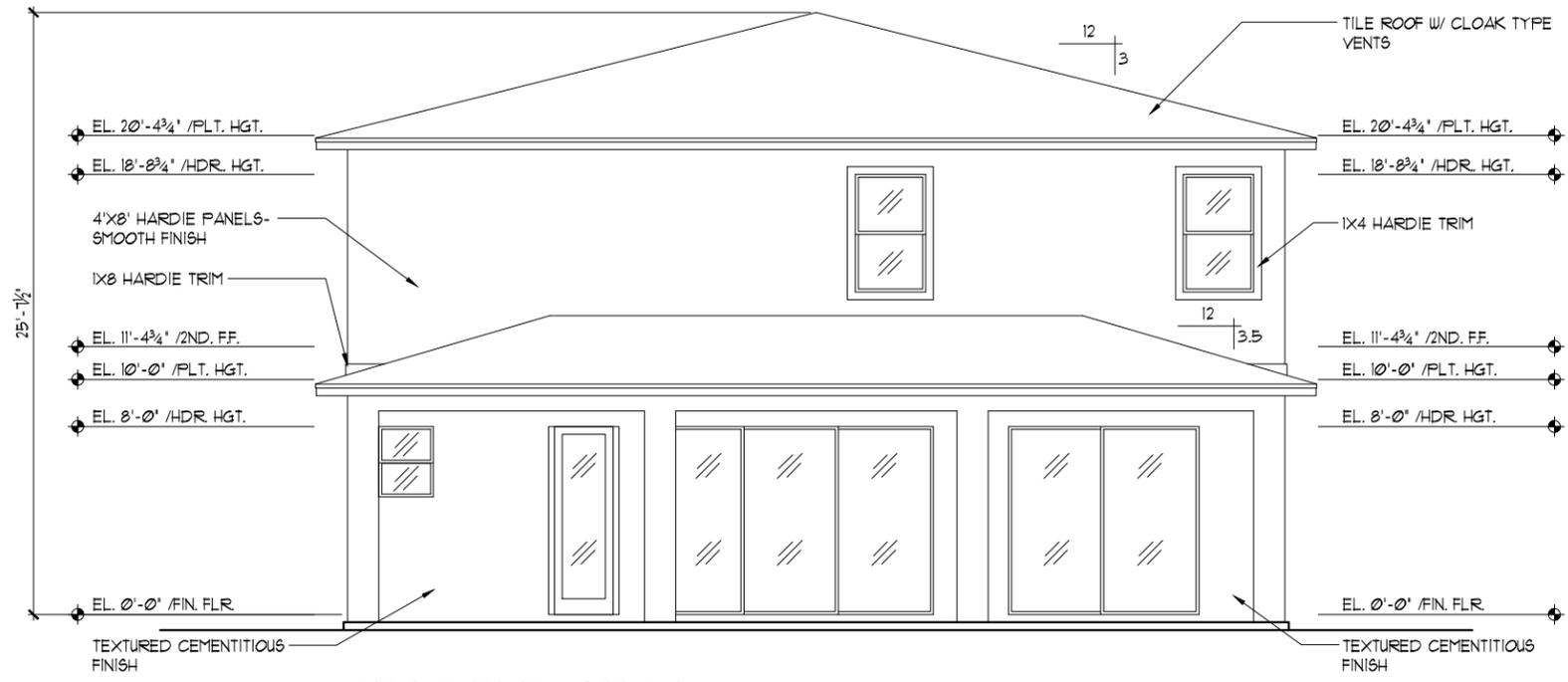
**EXTERIOR FINISH NOTES**

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



**FRONT ELEVATION "A"**

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



**REAR ELEVATION**

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

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**LOT: 0000, PARADISO GRANDE**

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 3347 AS Orange, FL 32811  
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 Fax: (407) 724-1778  
 www.iteg.com

REVISIONS	BY

**REAR 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

- EXTERIOR FINISH NOTES**
- LATH TO BE ATTACHED IAW R103.1.1 OF THE 8TH EDITION, FBCR, 2023
  - PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.1.2 OF THE 8TH EDITION, FBCR, 2023
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REVISIONS	BY

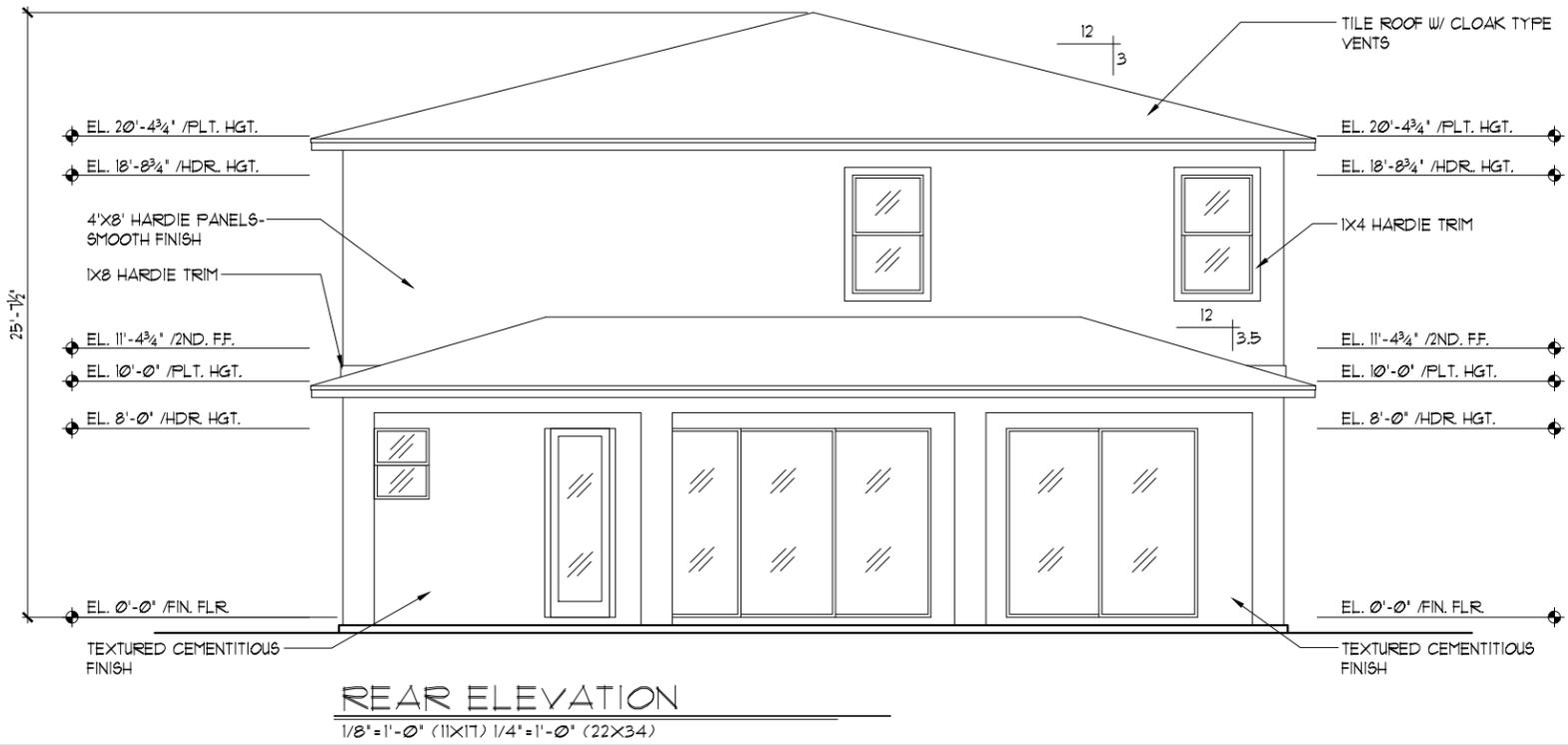
**EXTERIOR ELEVATION "A"**  
**FRONT AND REAR**

**REEF**  
**PARADISO GRANDE**

**4232**  
 DATE 04-08-21  
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 DRAWN RDC  
 JOB 4232  
 SHEET **06A.1**  
 OF SHEETS

**EXTERIOR FINISH NOTES**

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**REEF**  
**PARADISO GRANDE**  
**4232**  
 DATE 04-08-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 4232  
 SHEET 06B.0  
 OF SHEETS

**PARADISO GRANDE**  
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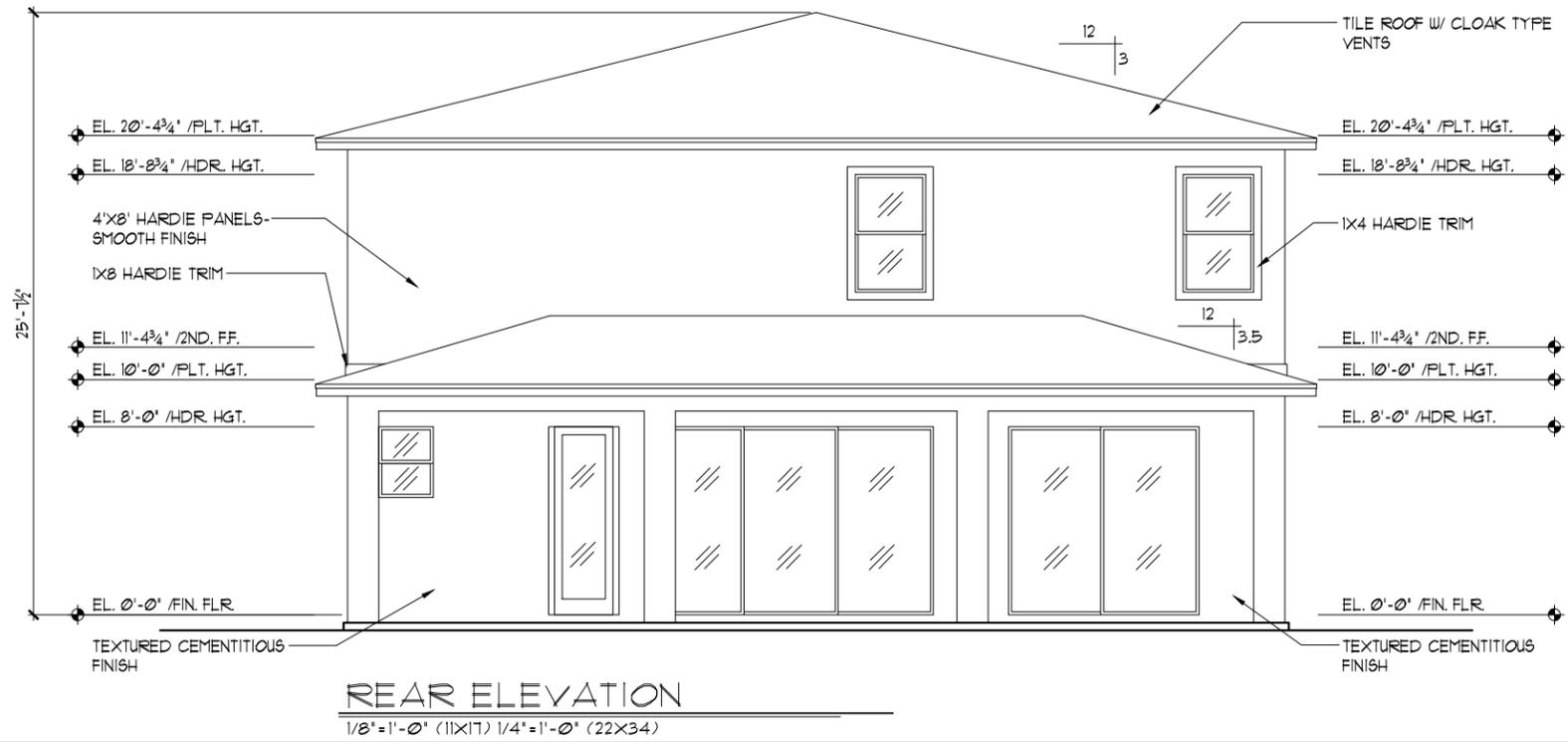
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**EXTERIOR ELEVATION "B"**  
**FRONT AND REAR**

**REEF**  
**PARADISO GRANDE**

**4232**  
 DATE 04-08-21  
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- EXTERIOR FINISH NOTES**
- LATH TO BE ATTACHED IAW R103.1.1 OF THE 8TH EDITION, FBCR, 2023
  - PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.1.2 OF THE 8TH EDITION, FBCR, 2023
  - WEEP SCREED TO BE INSTALLED IAW R103.1.2.1 OF THE 8TH EDITION, FBCR, 2023
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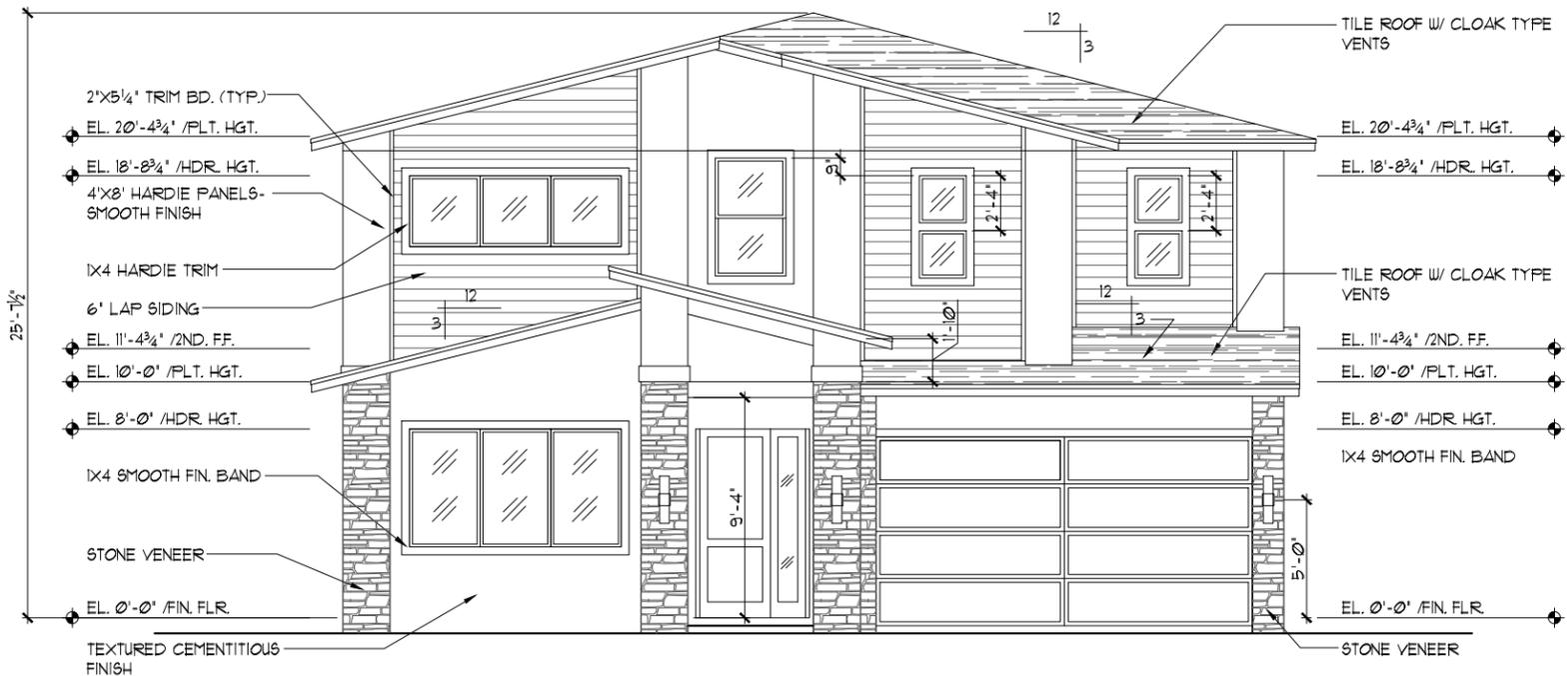
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**Park Square HOMES**  
 EXTERIOR ELEVATION "B"  
 FRONT AND REAR

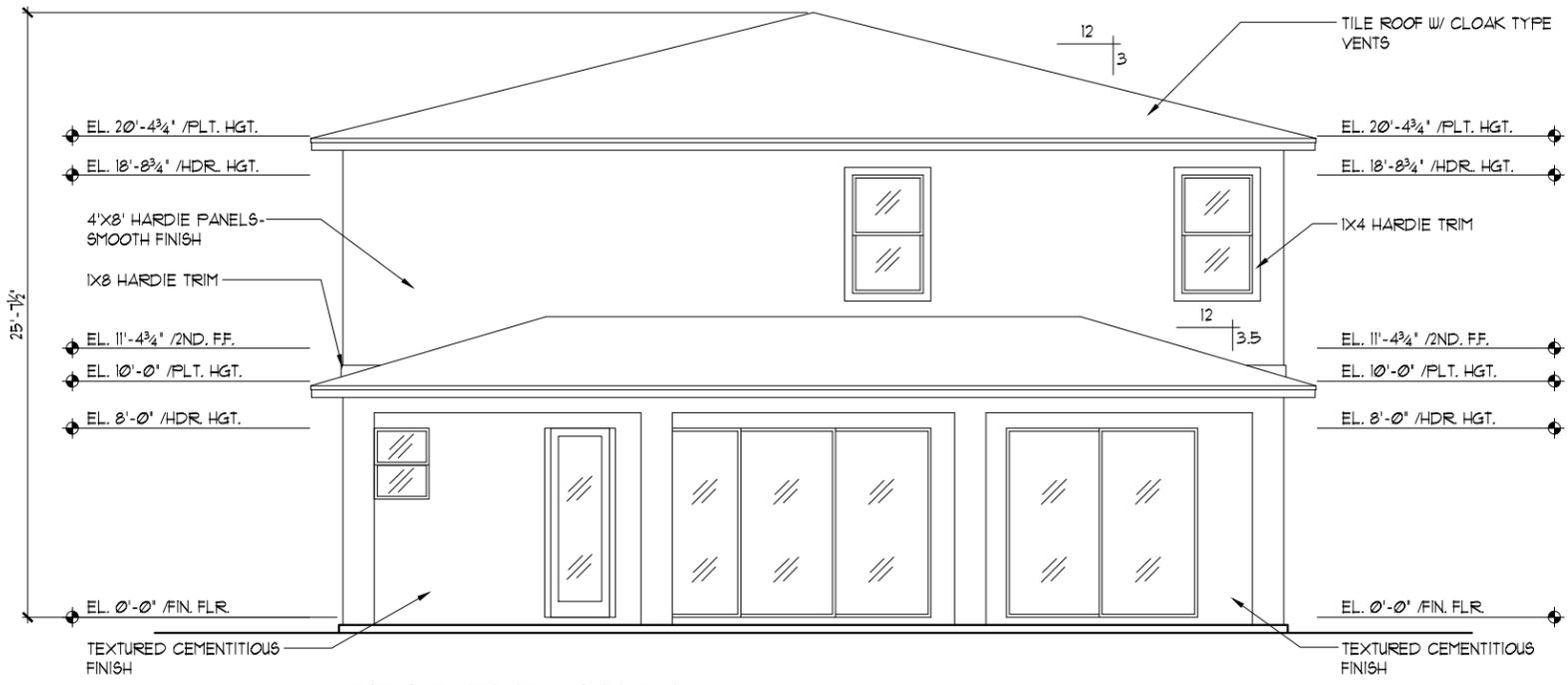
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**FRONT ELEVATION "C"**

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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LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

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REFEED  
PARADISO GRANDE

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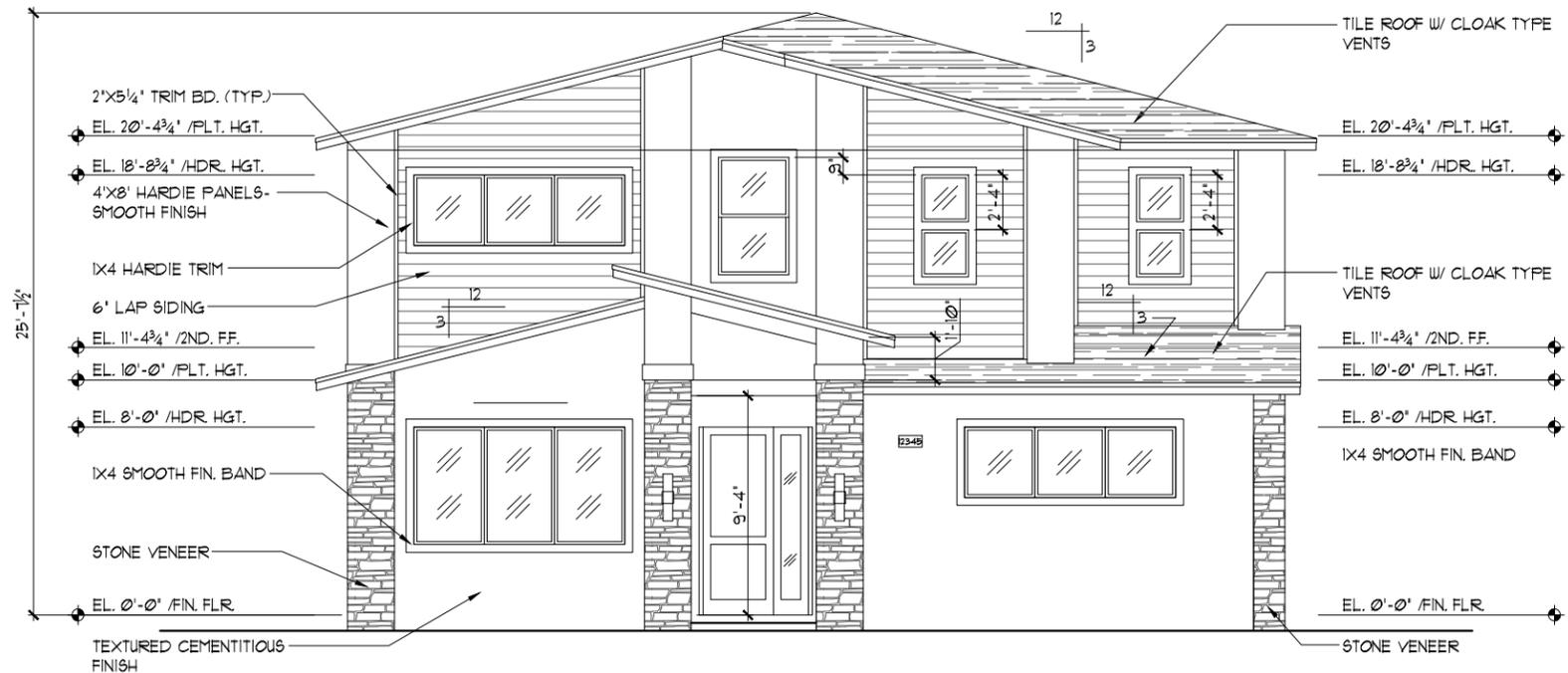
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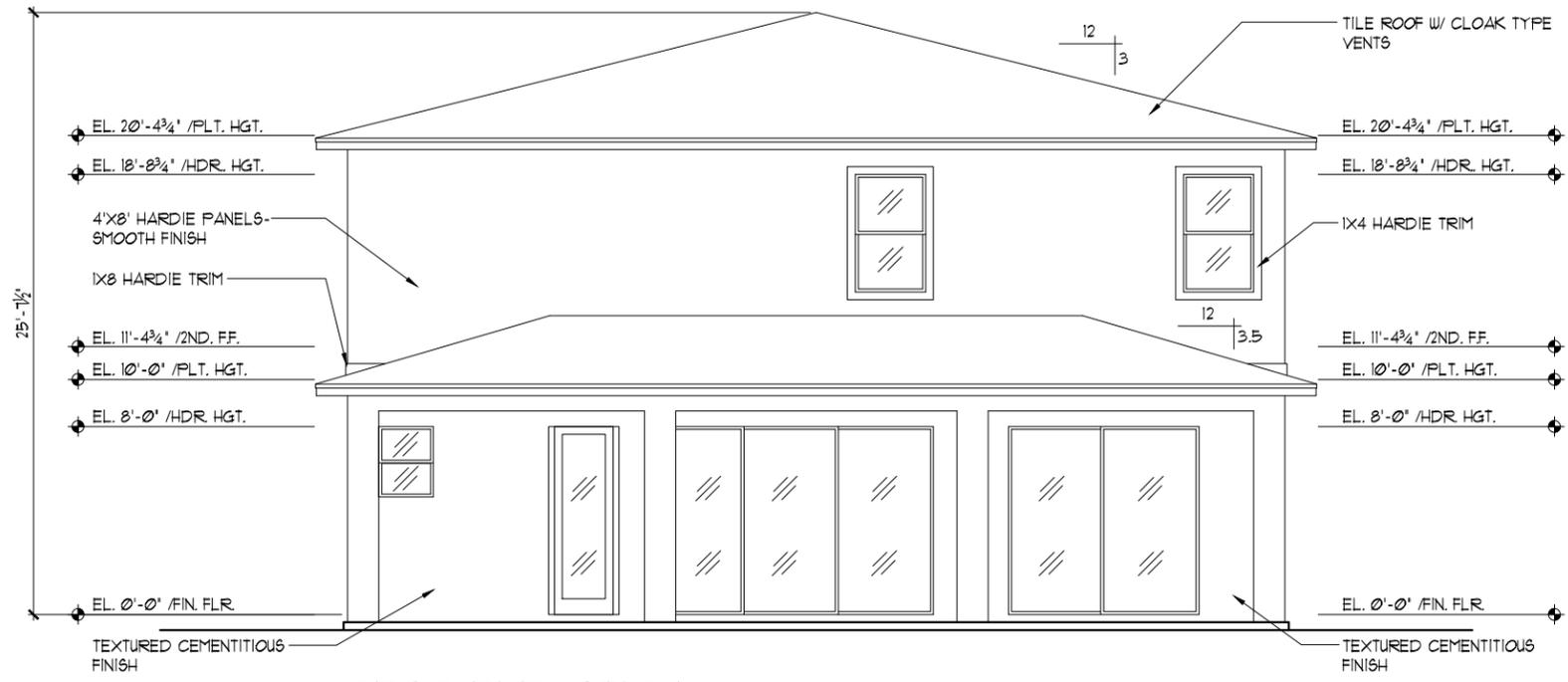
**Park Square HOMES**

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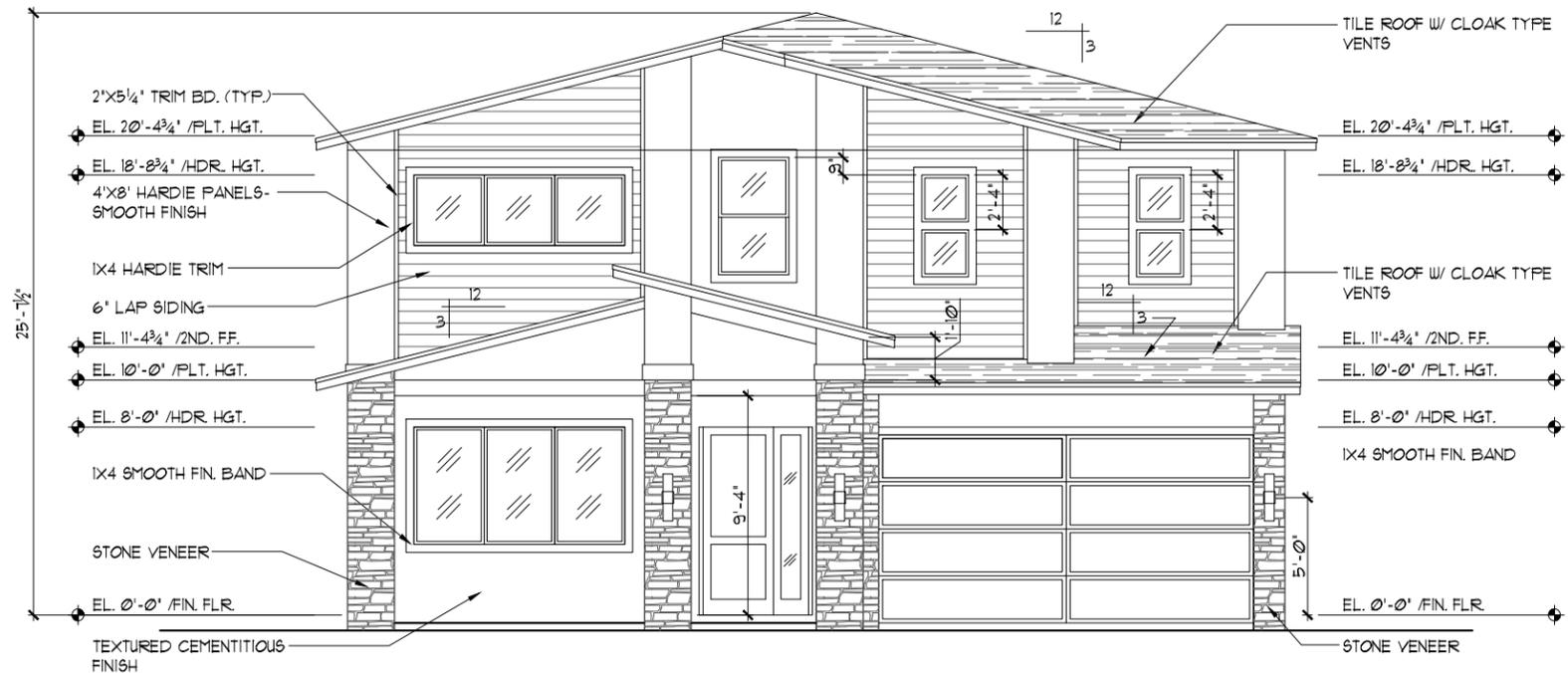
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**Park Square HOMES**  
 EXTERIOR ELEVATION "C"  
 FRONT AND REAR

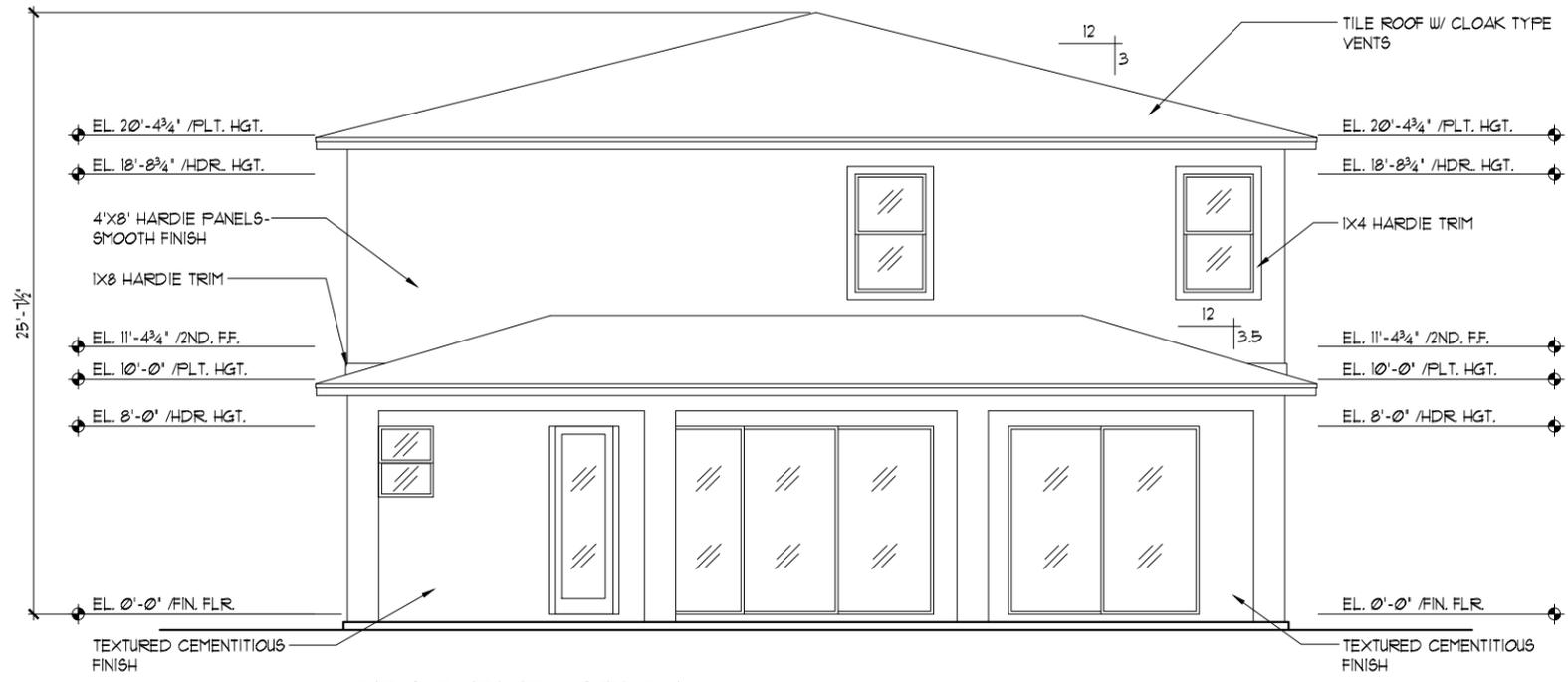
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**FRONT ELEVATION "D"**

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



**REAR ELEVATION**

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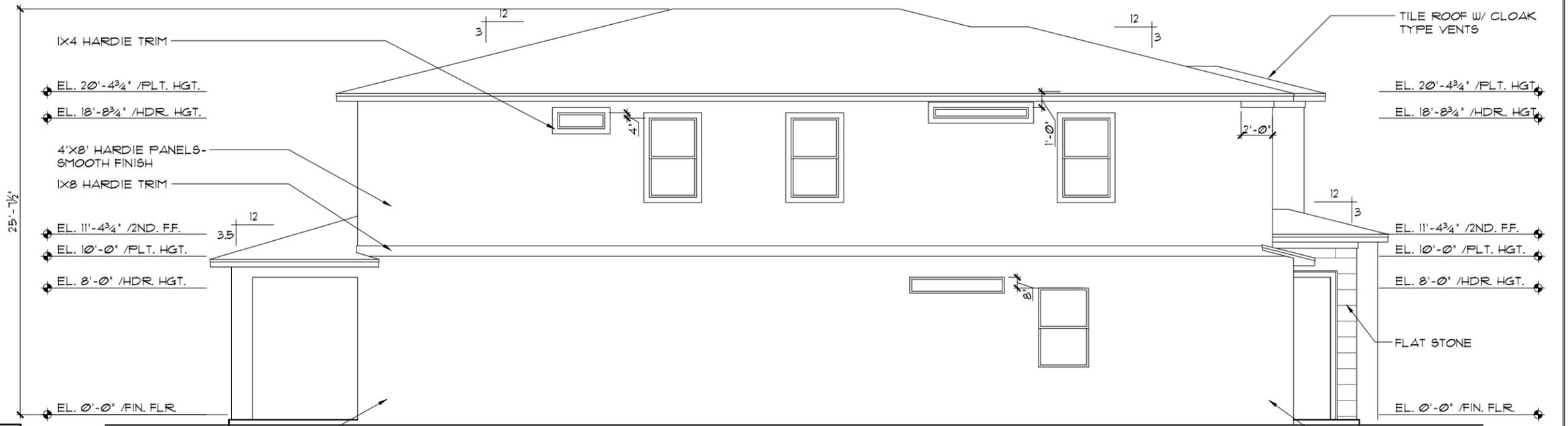
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PARADISO GRANDE  
 EXTERIOR ELEVATION "D"  
 FRONT AND REAR

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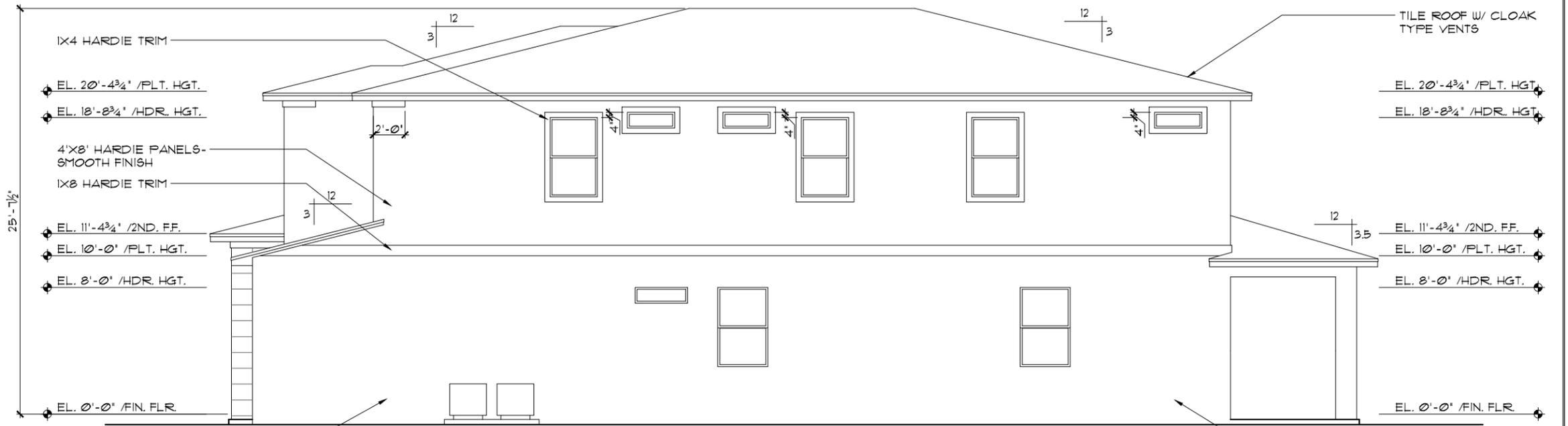


**LEFT ELEVATION "A"**

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

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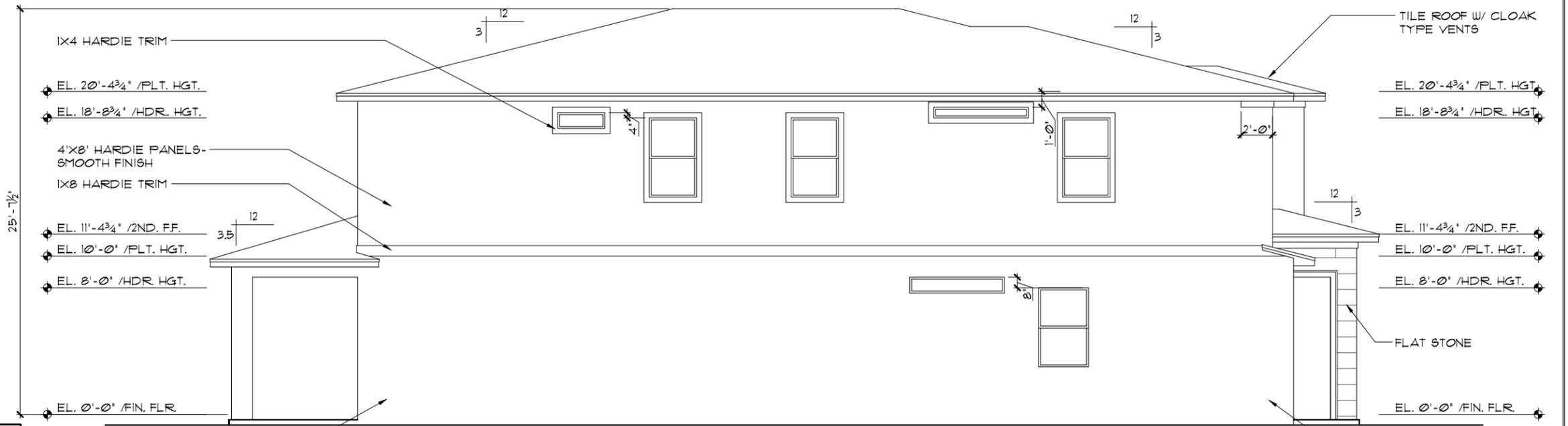
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**EXTERIOR ELEVATIONS "A" LEFT AND RIGHT**

**REEF PARADISO GRANDE**

4232  
 DATE 04-08-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 4232  
 SHEET 07A.0  
 OF SHEETS

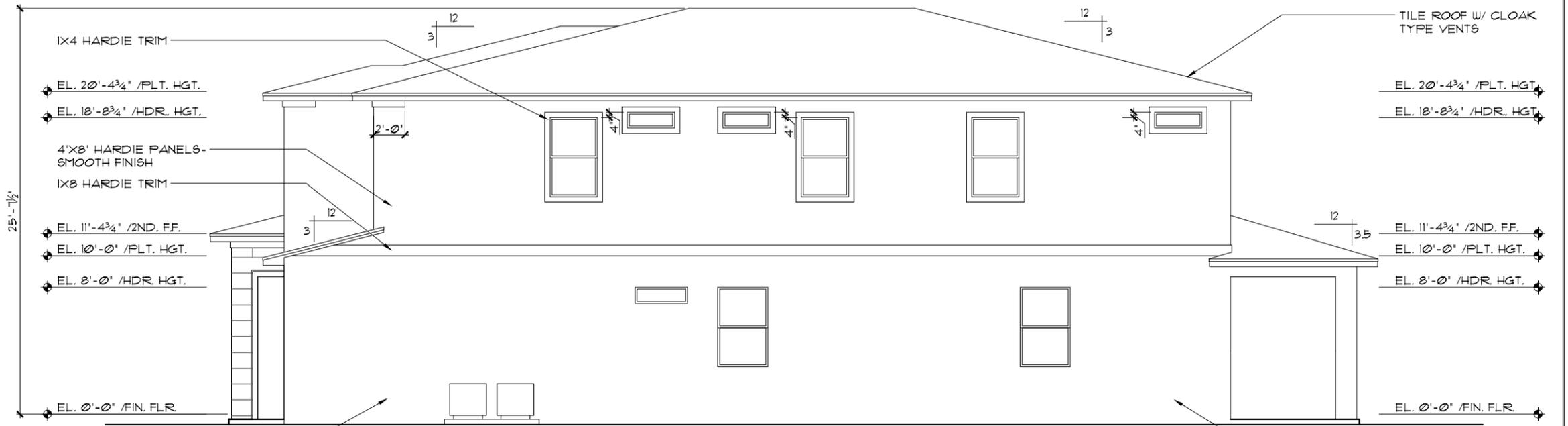


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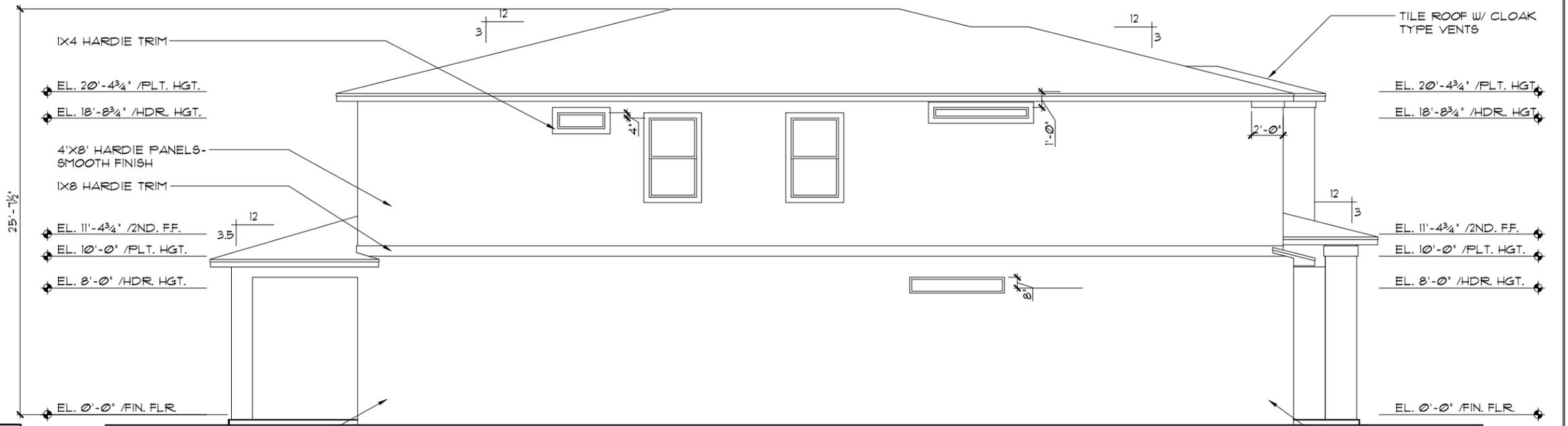
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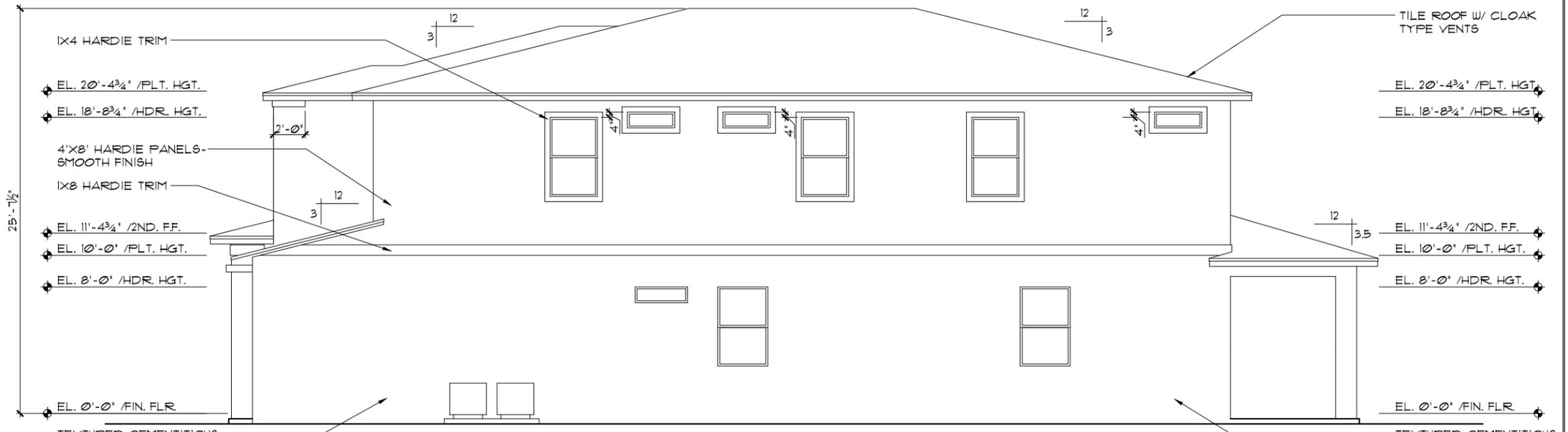
**EXTERIOR ELEVATIONS "A"**  
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REEF  
PARADISO GRANDE

4232
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**LEFT ELEVATION "B"**  
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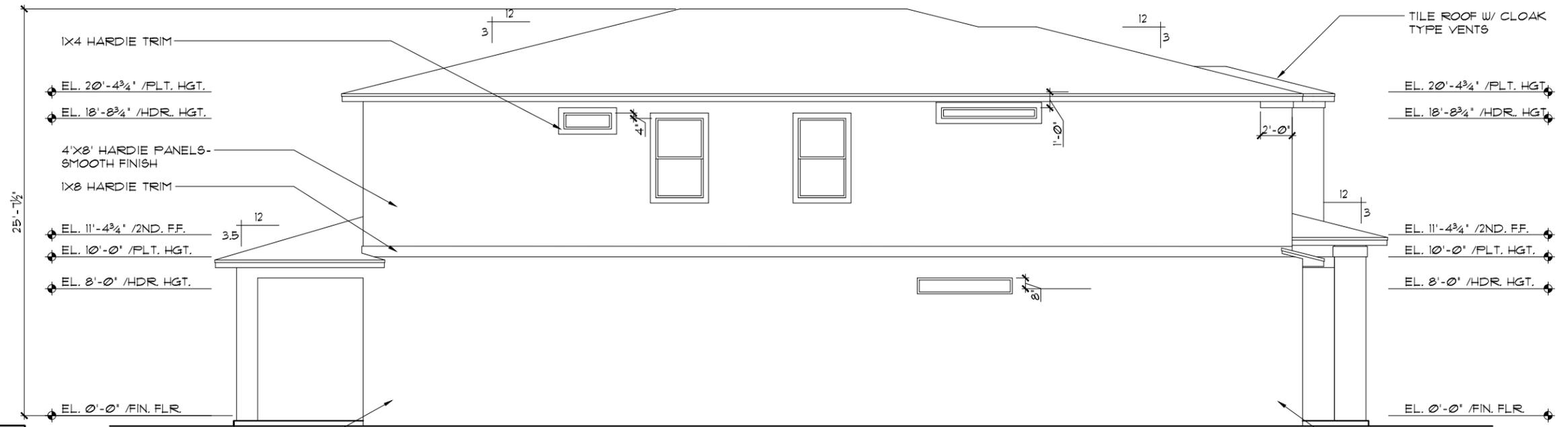
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 PARADISO GRANDE  
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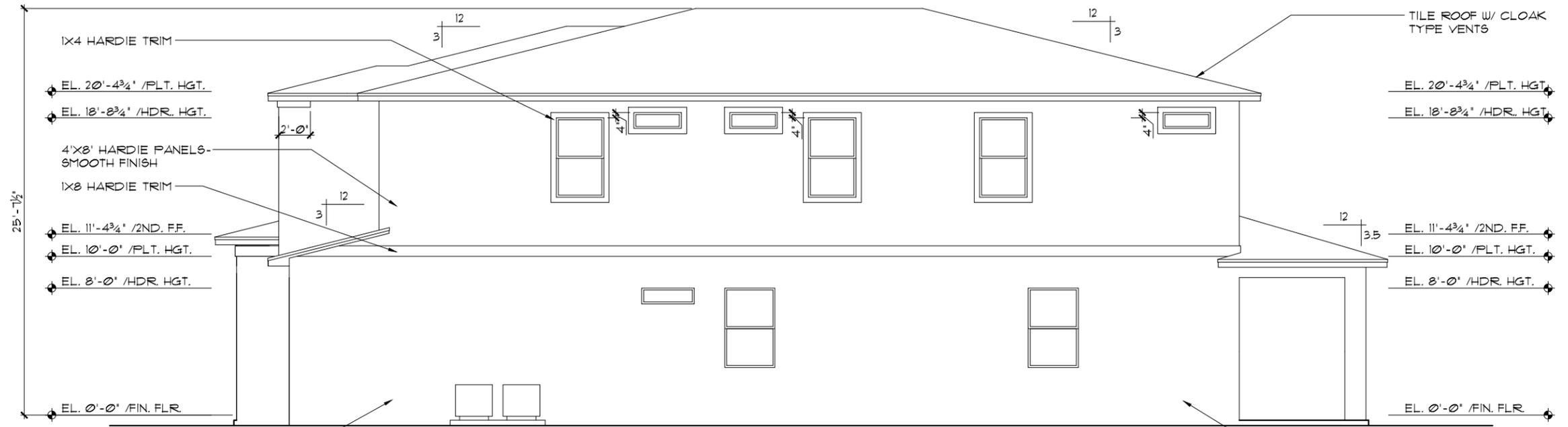
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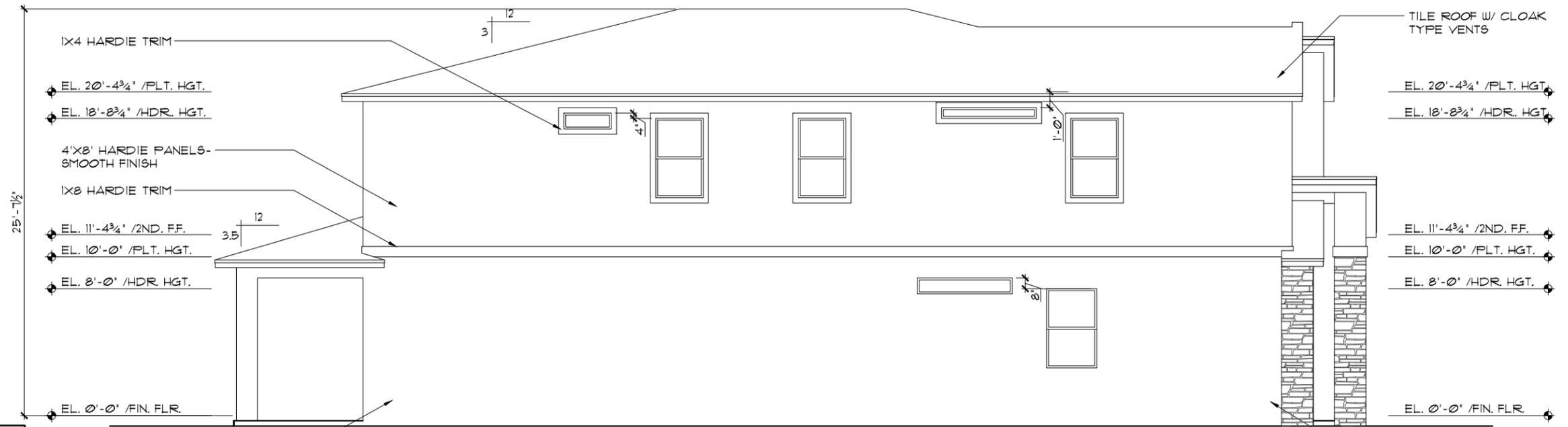
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**EXTERIOR ELEVATIONS "B"**  
 LEFT AND RIGHT

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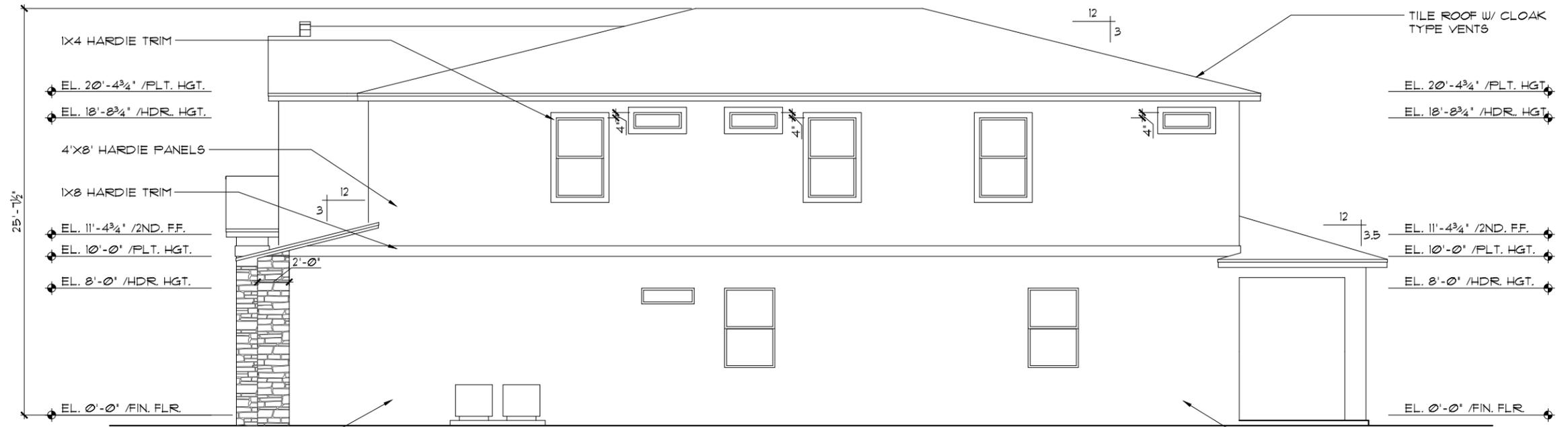


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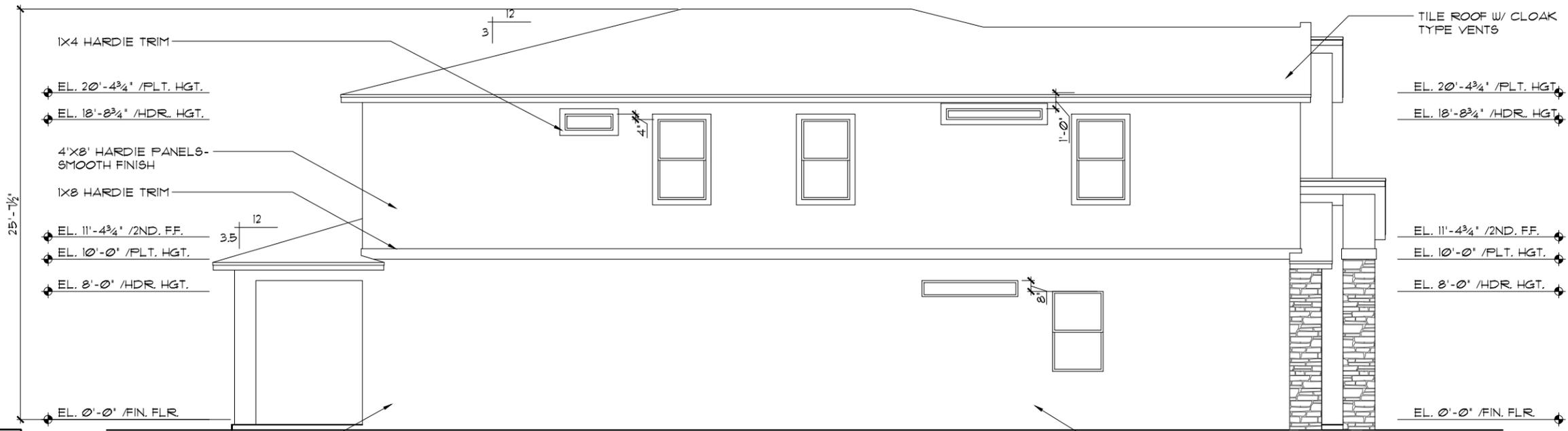
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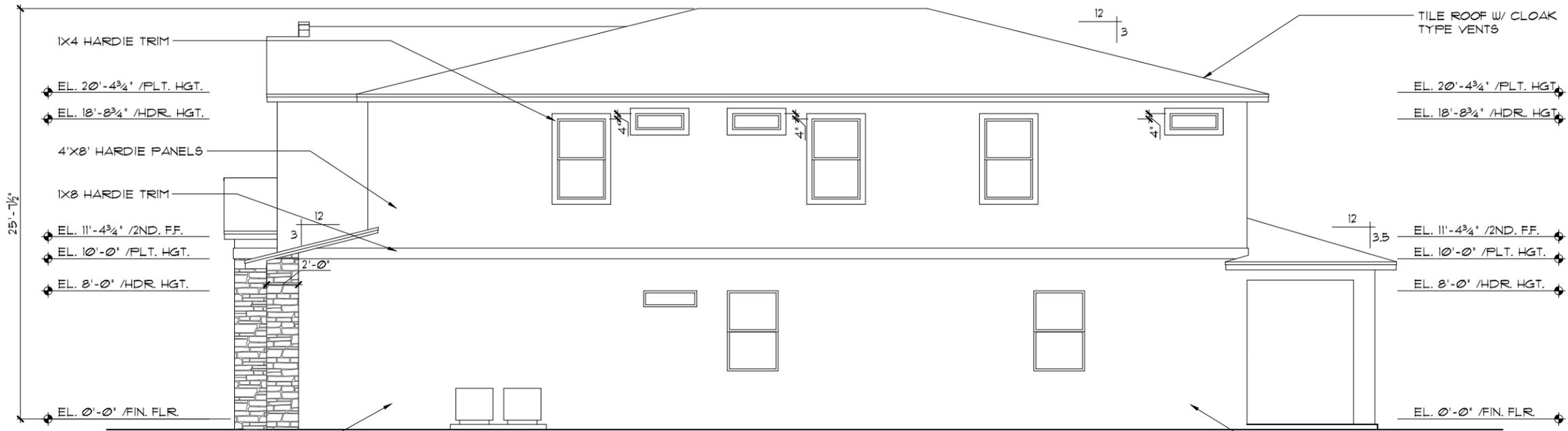
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**Park Square HOMES**  
 EXTERIOR ELEVATIONS "C"  
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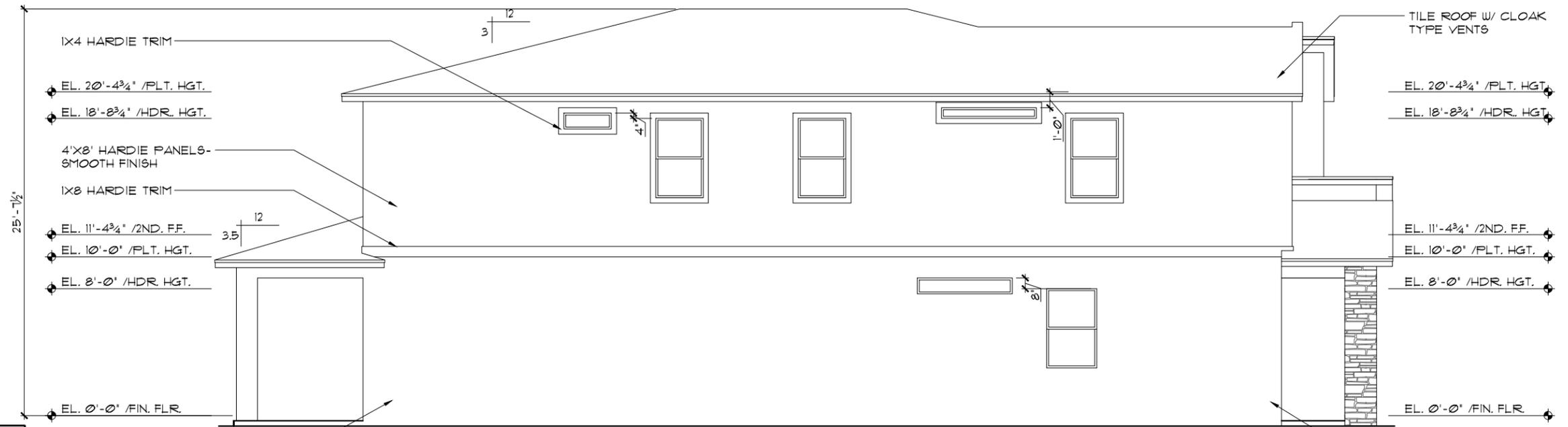
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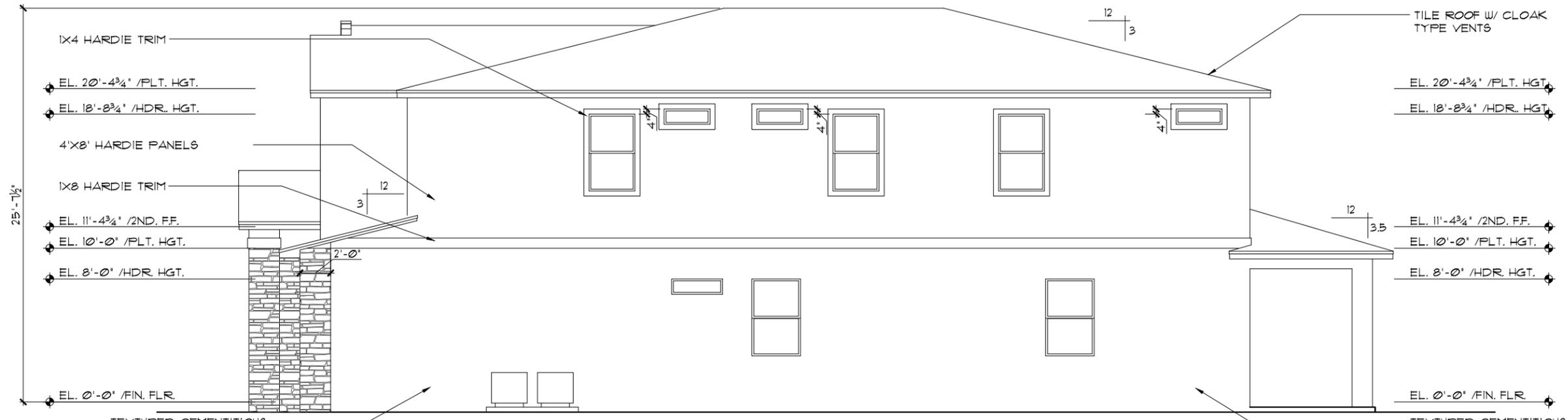
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1. LATH TO BE ATTACHED IAW R103.1.1 OF THE 8TH EDITION, FBCR, 2023
  2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.1.2 OF THE 8TH EDITION, FBCR, 2023
  3. WEEP SCREED TO BE INSTALLED IAW R103.1.2.1 OF THE 8TH EDITION, FBCR, 2023
  4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.1.3 OF THE 8TH EDITION, FBCR, 2023
  5. 'ZIP SYSTEMS' WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS.



**RIGHT ELEVATION "D"**

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

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

**LOT: 0000, PARADISO GRANDE**

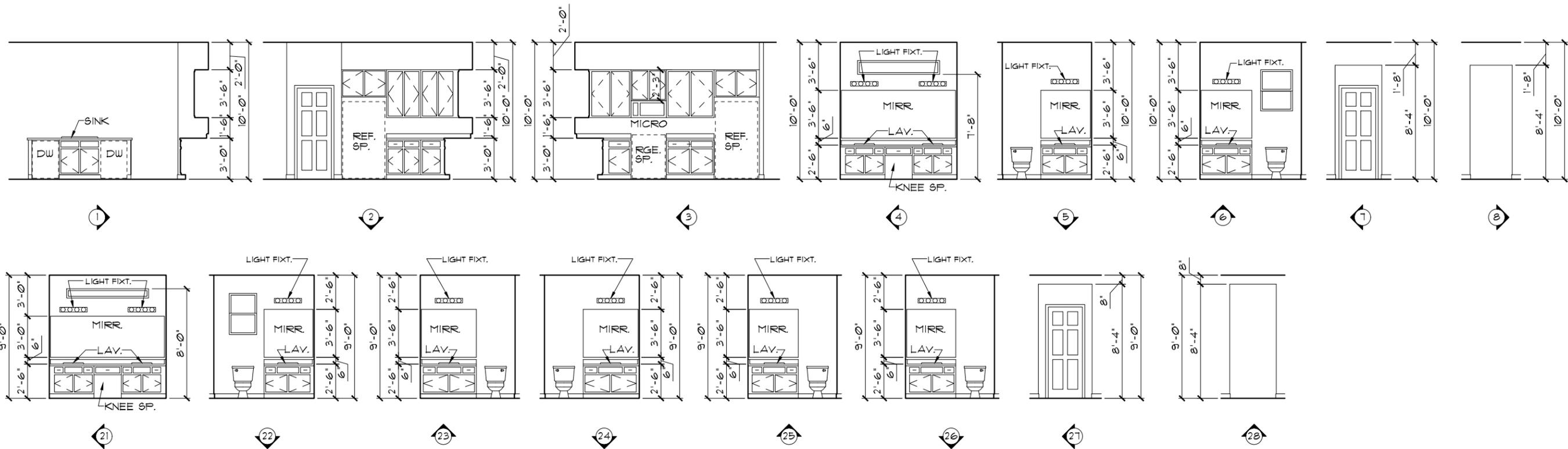
**PARADISO GRANDE**  
 REEF  
 PARADISO GRANDE  
 4232  
 DATE 04-08-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 4232  
 SHEET 07D.0  
 OF SHEETS

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

**ITEC**  
 THOMPSON ENGINEERING GROUP, INC.  
 3300 W. Colonial Blvd., Suite 400  
 Orlando, FL 32811  
 Tel: (407) 724-1450  
 Fax: (407) 724-1770  
 www.itec.com

EXTERIOR ELEVATIONS "D"  
 LEFT AND RIGHT

REVISIONS BY



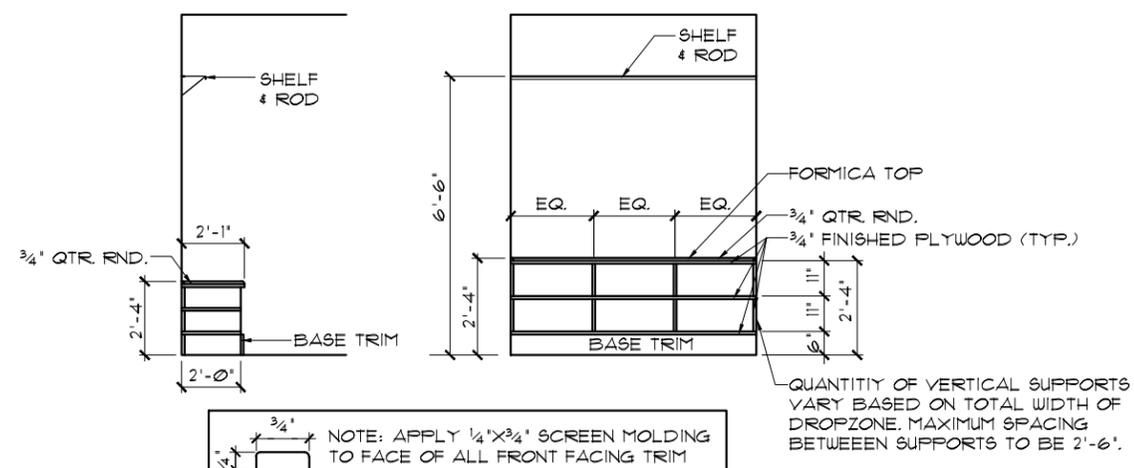
### INTERIOR ELEVATIONS

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

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

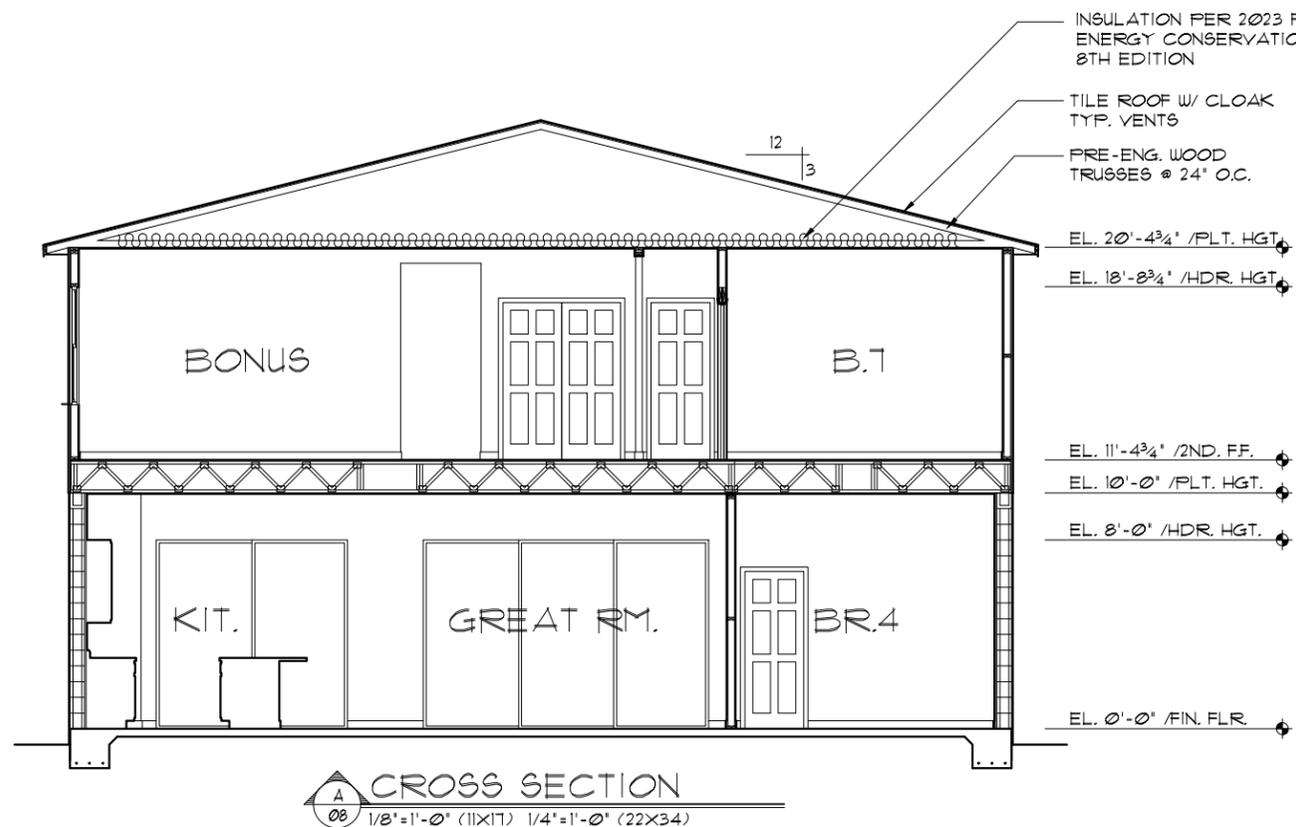
INSULATION INFORMATION- FBC- ENERGY R402, TABLE R402.12

WALL TYPES	INSULATION
1. CONCRETE BLOCK - INT INSULATION, EXTERIOR	R= 4.0
2. FRAME- WOOD EXTERIOR	R= 13.0
3. FRAME -WOOD, ADJACENT	R= 13.0
CEILING TYPES	
1. UNDER ATTIC (VENTED)	R= 30.0



### LUGGAGE SHELF DETAIL

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



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LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

DATE 04-09-21  
SCALE AS NOTED  
DRAWN RDC  
JOB 4232  
SHEET 08 OF SHEETS

REEF

PARADISO GRANDE

CROSS SECTION / INTERIOR ELEVATIONS

Park Square Homes

A DIVISION OF PARK SQUARE ENTERPRISES, INC.  
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www.htec.com

REVISIONS BY

REVISIONS	BY

**MECHANICAL/GENERAL NOTES**

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

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

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

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

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

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

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

8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED. F280.1

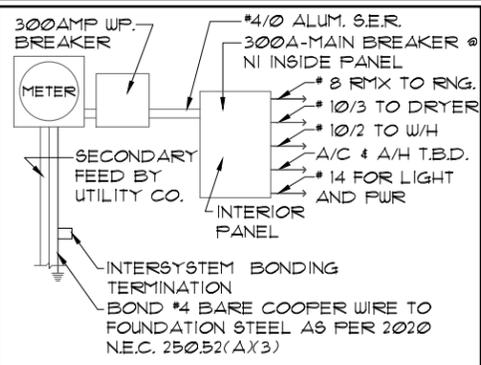
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.

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

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

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

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



**ELECTRICAL RISER DIAGRAM**

NOTE: 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 thereinforcing rod is not required.

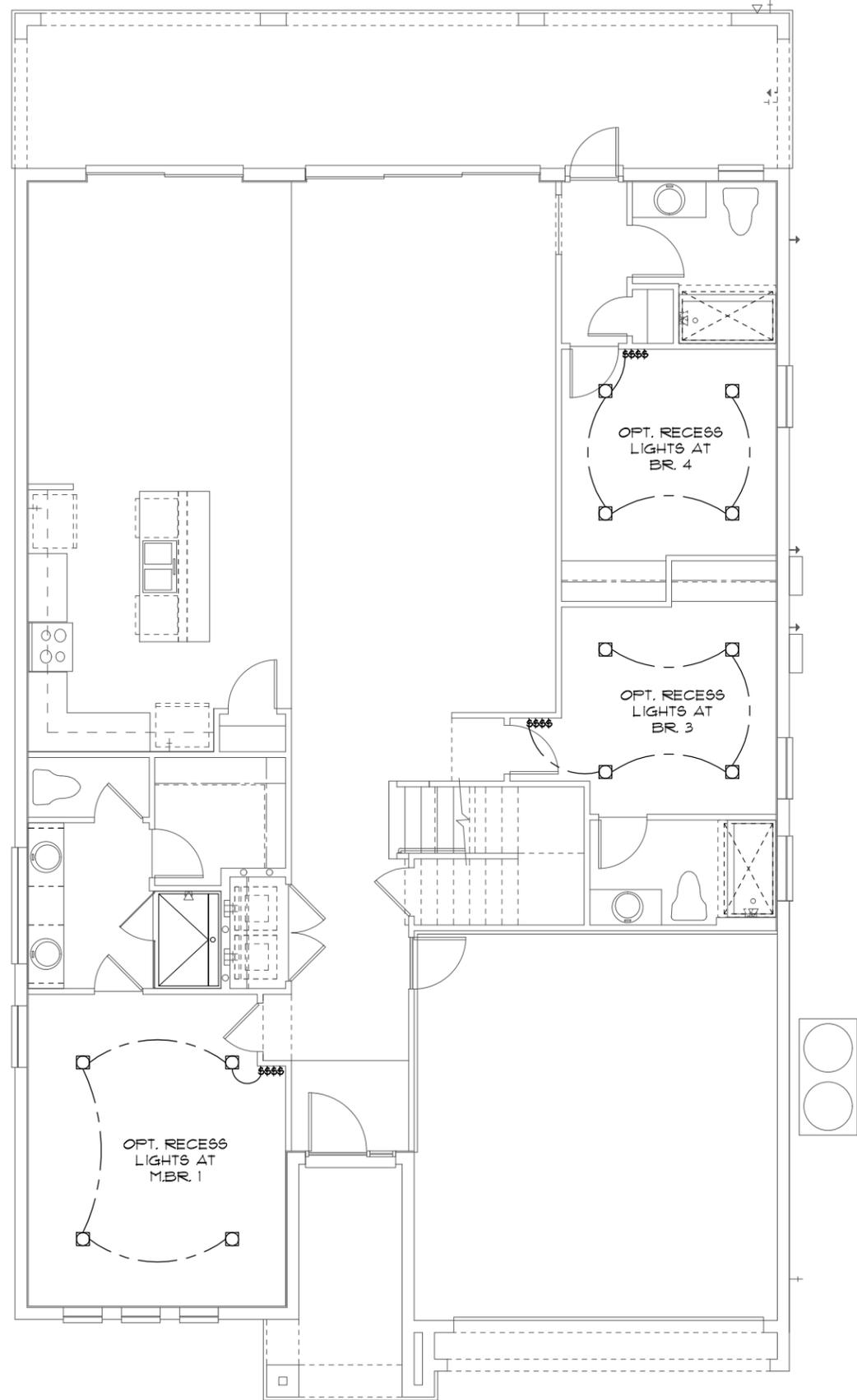
NOTE: IF MORE THAN 12 SMOKE ALARMS OR CARBON MONOXIDE ALARM COMBINATION ARE INSTALLED IN THE HOME CRIME PREVENTION WILL PULL A SEPARATE FIRE PERMIT AND THE SYSTEM WILL BE MONITORED

**ELECTRICAL LEGEND**

⊞	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊞	THREE WAY SWITCH	◀	OUTLET, PHONE
⊞	OUTLET 110-115	◻	INTERCOM
⊞	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
⊞	OUT. 110-115, W/ USB	⊞	SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE
⊞	OUT. 110-115, CLG. MOUNT.	⊞	CARBON MONOXIDE
⊞	OUT. 110-115, FLR. MOUNT.	⊞	PUSH BUTTON
⊞	SPCL. PURPOSE 220-240	⊞	EXHAUST FAN
⊞	LIGHT FIXT., CLG. MTD.	⊞	EX. FAN/LIGHT COMBO
⊞	LIGHT FIXT., WALL MTD.	⊞	DISPOSAL
⊞	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)

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

**LOI: 000, PARADISO GRANDE**

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**REVISIONS**

NO.	DESCRIPTION	DATE	BY

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

**Park Square HOMES**

**ELECTRICAL PLAN**

**REEF**  
**PARADISO GRANDE**

**4232**  
 DATE 04-08-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 4232  
 SHEET 09.0  
 OF SHEETS



**MECHANICAL/GENERAL NOTES**

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

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

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

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

8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED. F2201.1

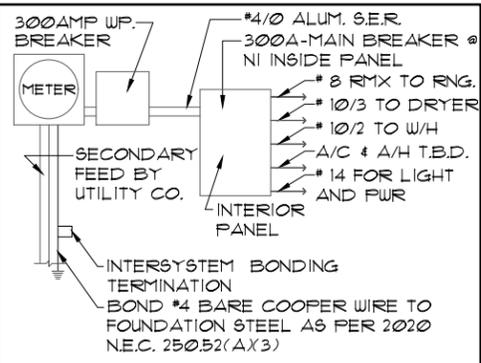
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11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA10-NEC 2020

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

12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA10-NEC2020 - ARTICLE 210-52



**ELECTRICAL RISER DIAGRAM**

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

250.52(A)X3 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.

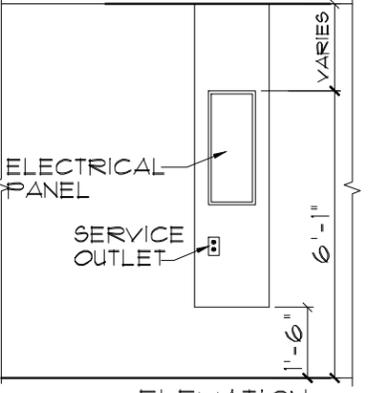
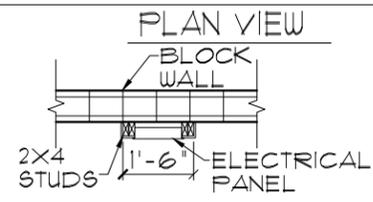
The reinforcing rods cannot be coated with non-conductive material.

Section 250.52 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present.

Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode

only if it is available. In those jurisdictions, if the footings or foundations have been poured before the electrical contractor arrives at the site, and a reinforcing rod is not available for use as a grounding electrode, then a grounding connection to the reinforcing rod is not required.

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

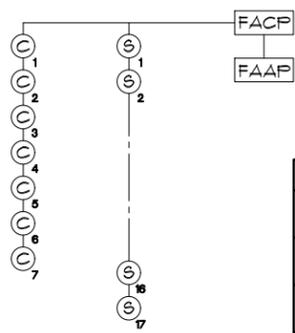


**ELEVATION**  
N.T.S.

**ELECTRICAL LEGEND**

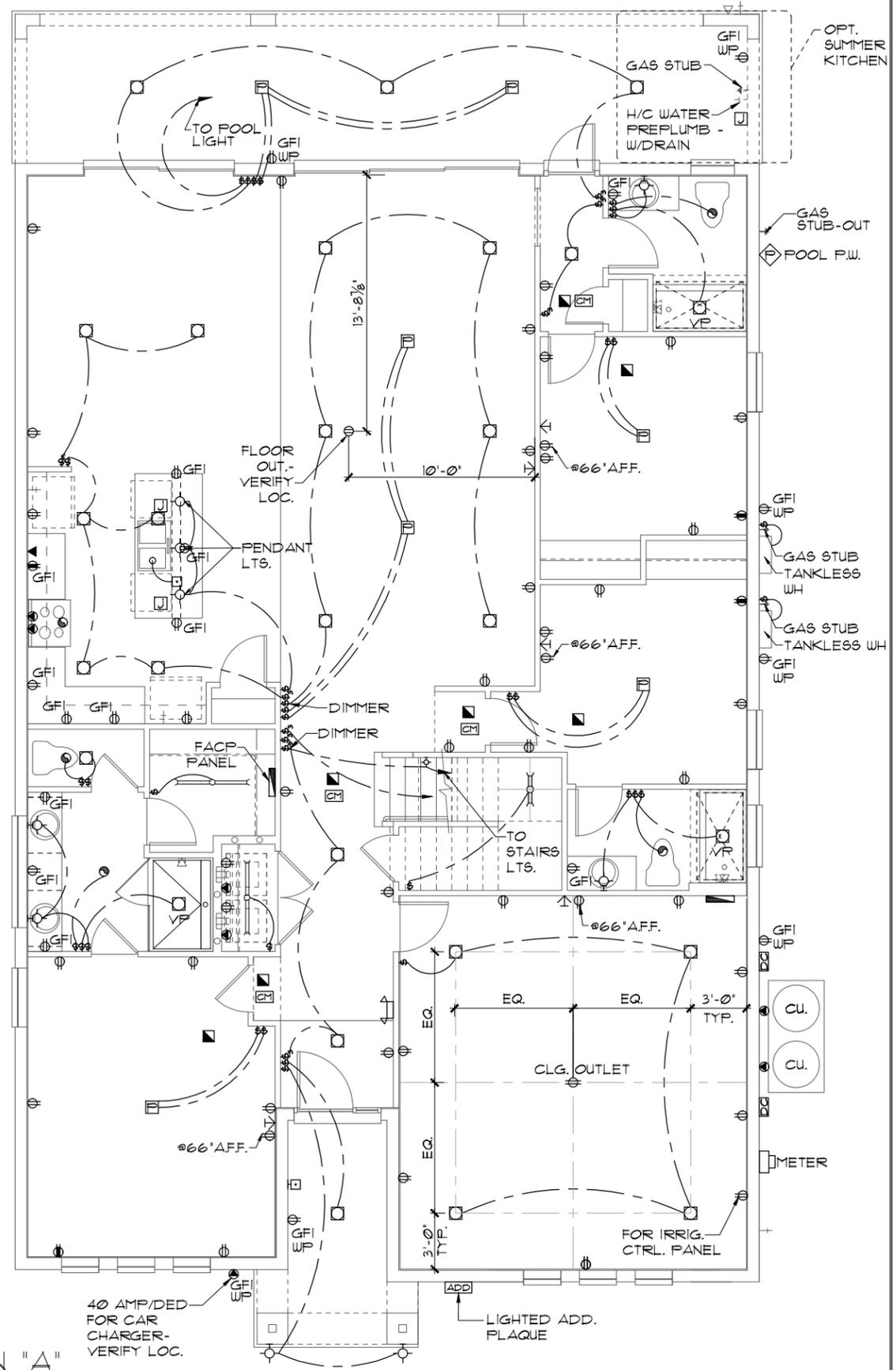
⊕	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊕	THREE WAY SWITCH	◀	OUTLET, PHONE
⊕	OUTLET 110-115	◻	INTERCOM
⊕	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
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⊕	LED LIGHT FIXT., RECESSED	⊞	ELECTRICAL PANEL
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⊕	LIGHT FIXT., FULL CHAIN	⊞	CEILING FAN, INSTALL
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⊕	LIGHT FIXT., EXT. FLOODS	⊞	THERMOSTAT
⊕	LIGHT FIXT., EMERG. EXIT	⊞	DISCONNECT SWITCH
⊕	LIGHT FIXT., EXIT/BACKUP	⊞	ELEC. POWER METER

**RISER DIAGRAM**



**LEGEND**

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



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

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**LOT: 000, PARADISO GRANDE**  
 PARADISO GRANDE  
 REEF  
 PARADISO GRANDE

**4232**  
 DATE 04-08-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 4232  
 SHEET 09A.1  
 OF SHEETS

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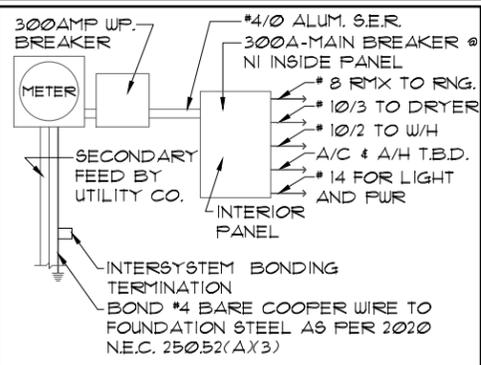
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10.) THE MAXIMUM ALLOWABLE EXHAUST DUCT LENGTH SHALL BE DETERMINED BY ONE OF THE METHODS SPECIFIED IN SECTIONS M1502.4.5.1 THROUGH M1502.4.5.3

11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA10-NEC 2020

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

12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA10-NEC2020 - ARTICLE 210-52

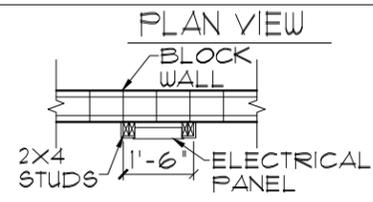


**ELECTRICAL RISER DIAGRAM**

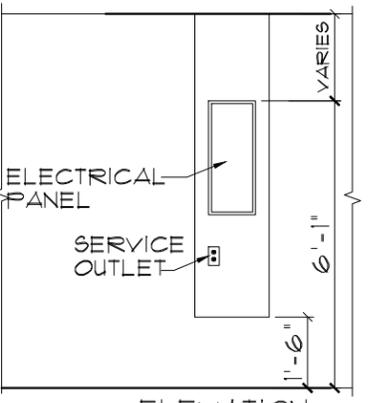
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250.52(A)3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.  
 Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long. There are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than 1/2 inch in diameter and at least 20 ft. long, encased in 2 inches of concrete; (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.  
 The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated with non-conductive material. Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings or foundations have been poured before the electrical contractor arrives at the site, and a reinforcing rod is not available for use as a grounding electrode, then a grounding connection to the reinforcing rod is not required.

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



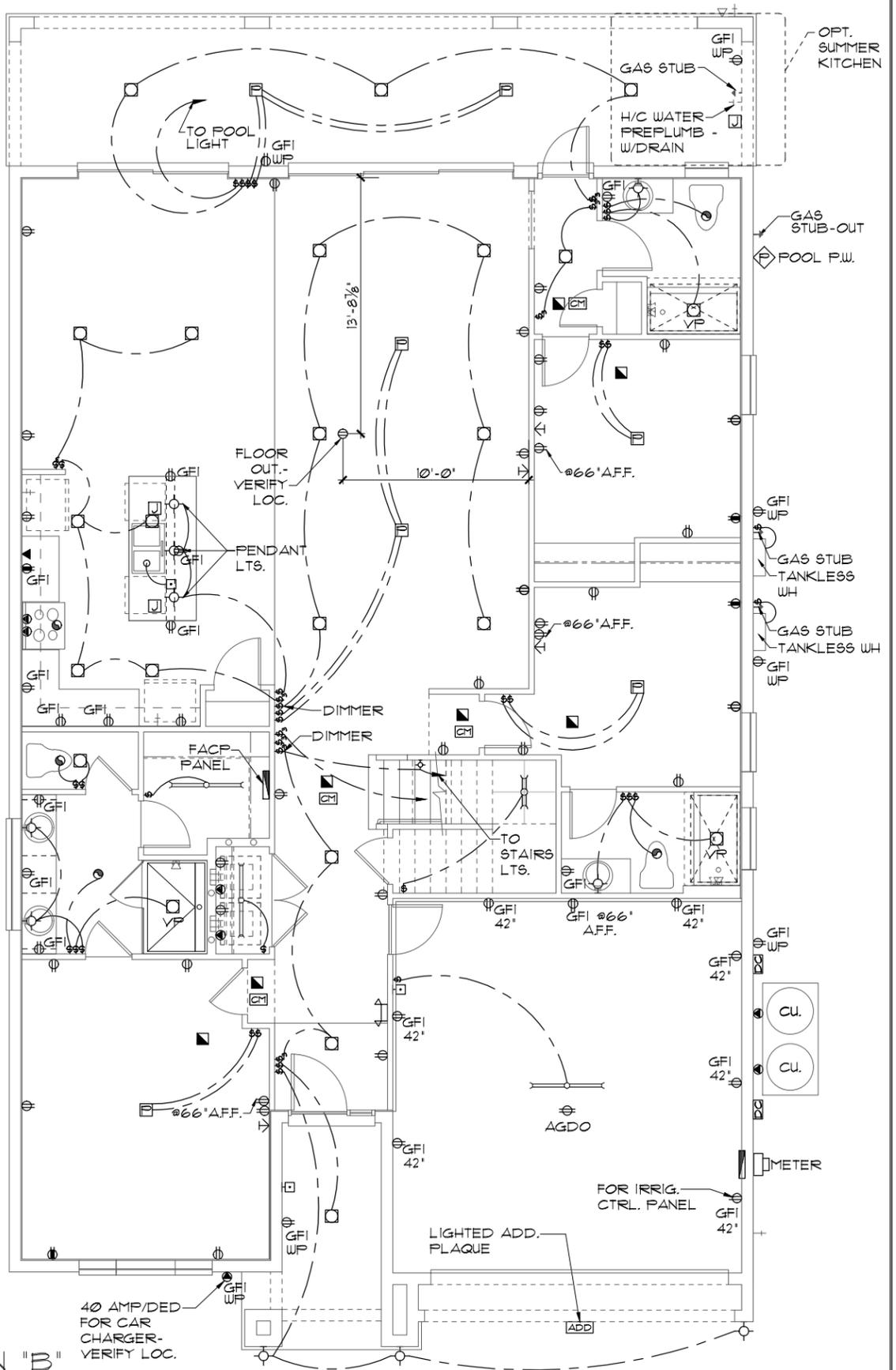
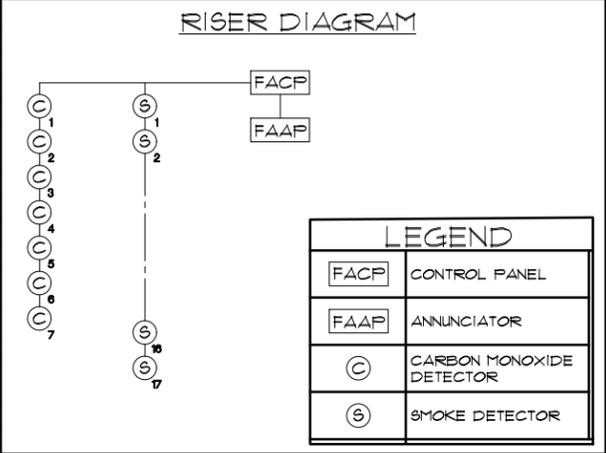
**PLAN VIEW**



**ELEVATION**

**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, PREWIRED
⊕	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 "B"**

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

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH  
**LOI: 0000, PARADISO GRANDE**  
 PARADISO GRANDE  
 REEF  
 PARADISO GRANDE  
 SHEET 09B.0 OF SHEETS

**REVISIONS**  
 BY  
**ITEG**  
 THOMPSON ENGINEERING GROUP, INC.  
 5200 Vineland Road, Suite 200  
 Orlando, Florida 32811  
 Phone: (407) 734-1170  
 www.iteg.com  
**Park Square HOMES**  
 A DIVISION OF PARK SQUARE ENTERPRISES, INC.  
 5200 Vineland Road, Suite 200  
 Orlando, Florida 32811  
 Phone: (407) 529 - 3000  
**ELECTRICAL PLAN**  
 DATE 04-09-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 4232  
 SHEET 09B.0 OF SHEETS

**MECHANICAL/GENERAL NOTES**

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

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

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

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

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

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

8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED. P280.1

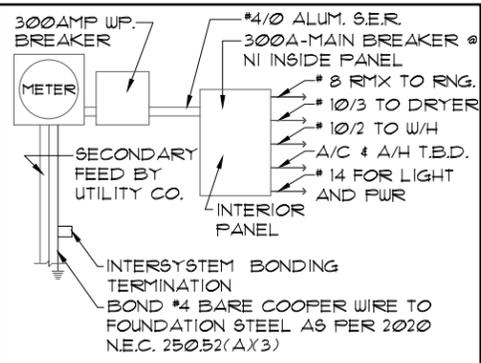
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11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA10-NEC 2020

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

12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA10-NEC2020 - ARTICLE 210-52



**ELECTRICAL RISER DIAGRAM**

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

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

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

The steel reinforcing rods must be in a location that is in direct contact with the earth.

The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode.

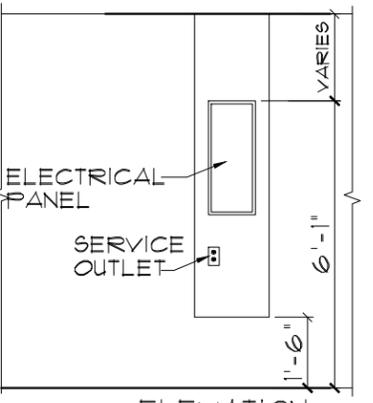
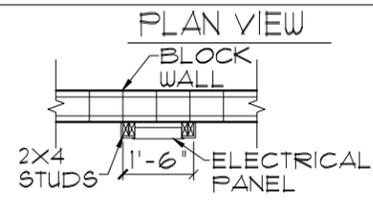
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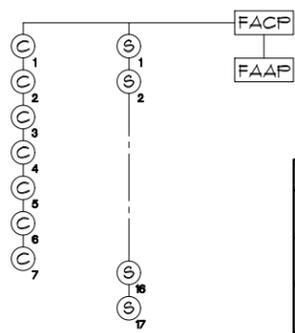


**ELEVATION**  
N.T.S.

**ELECTRICAL LEGEND**

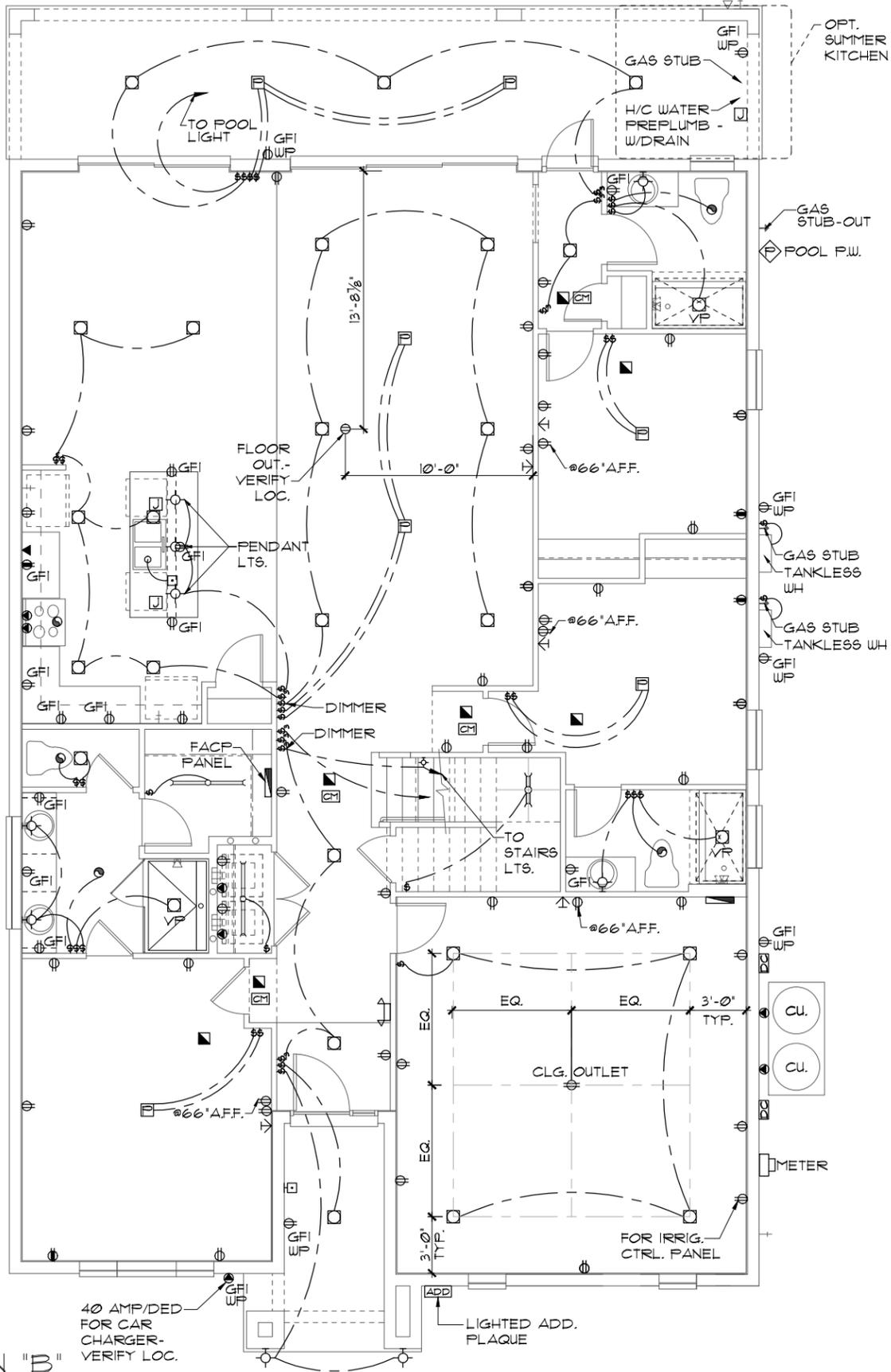
⊕	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊕	THREE WAY SWITCH	◀	OUTLET, PHONE
⊕	OUTLET 110-115	◻	INTERCOM
⊕	OUT. 110-115, SPLIT WIRED	■	CHIMES
⊕	OUT. 110-115, W/ USB	■	SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE
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⊕	OUT. 110-115, FLR. MOUNT.	⊕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

**RISER DIAGRAM**



**LEGEND**

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



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

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**LOT: 0000, PARADISO GRANDE**

**PARADISO GRANDE**

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

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 10000 US Highway 19, Suite 400  
 Ft. Myers, FL 33907  
 Phone: (888) 724-1450  
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 www.itec.com

**REVISIONS**

NO.	DESCRIPTION	DATE	BY

**ELECTRICAL PLAN**

**REEF**

**PARADISO GRANDE**

DATE 04-08-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 4232  
 SHEET 09B.1  
 OF SHEETS

**MECHANICAL/GENERAL NOTES**

PER 8TH ED. 2023 FLA BLD. CODE-RESIDENTIAL  
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 A) CHAPTER 13 OF THE FBC-R 2023 8TH SECTION M1305.1

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

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

8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED. P280.1

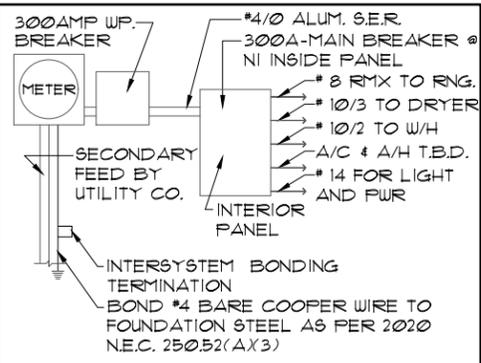
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11.) ALL ELECTRICAL WORK TO BE DONE PER **NFPA10-NEC 2020**

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

12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA10-NEC2020 - ARTICLE 210-52



**ELECTRICAL RISER DIAGRAM**

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

250.52(AX3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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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.

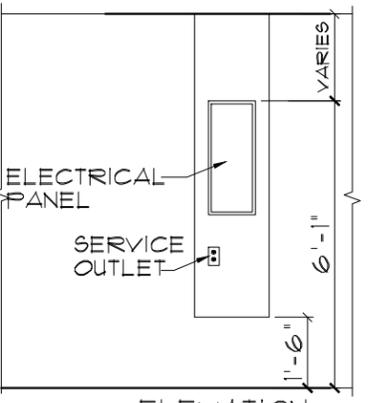
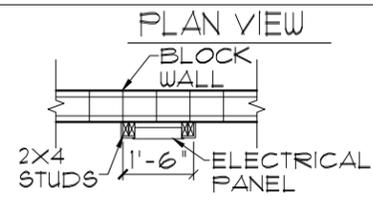
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Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present.

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.

General 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.



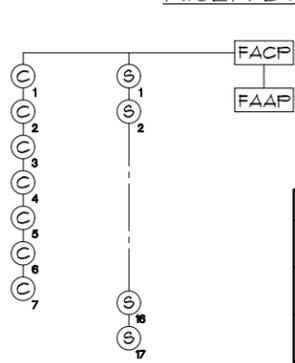
**ELEVATION**  
N.T.S.

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

**ELECTRICAL LEGEND**

⊞	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
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⊞	OUTLET 110-115	◻	INTERCOM
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⊞	OUT. 110-115, FLR. MOUNT.	⊞	PUSH BUTTON
⊞	SPCL. PURPOSE 220-240	⊞	EXHAUST FAN
⊞	LIGHT FIXT., CLG. MTD.	⊞	EX. FAN/LIGHT COMBO
⊞	LIGHT FIXT., WALL MTD.	⊞	DISPOSAL
⊞	LED LIGHT FIXT., RECESSED	⊞	ELECTRICAL PANEL
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⊞	LIGHT FIXT., FULL CHAIN	⊞	CEILING FAN, INSTALL
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⊞	LIGHT FIXT., EXT. FLOODS	⊞	THERMOSTAT
⊞	LIGHT FIXT., EMERG. EXIT	⊞	DISCONNECT SWITCH
⊞	LIGHT FIXT., EXIT/BACKUP	⊞	ELEC. POWER METER

**RISER DIAGRAM**

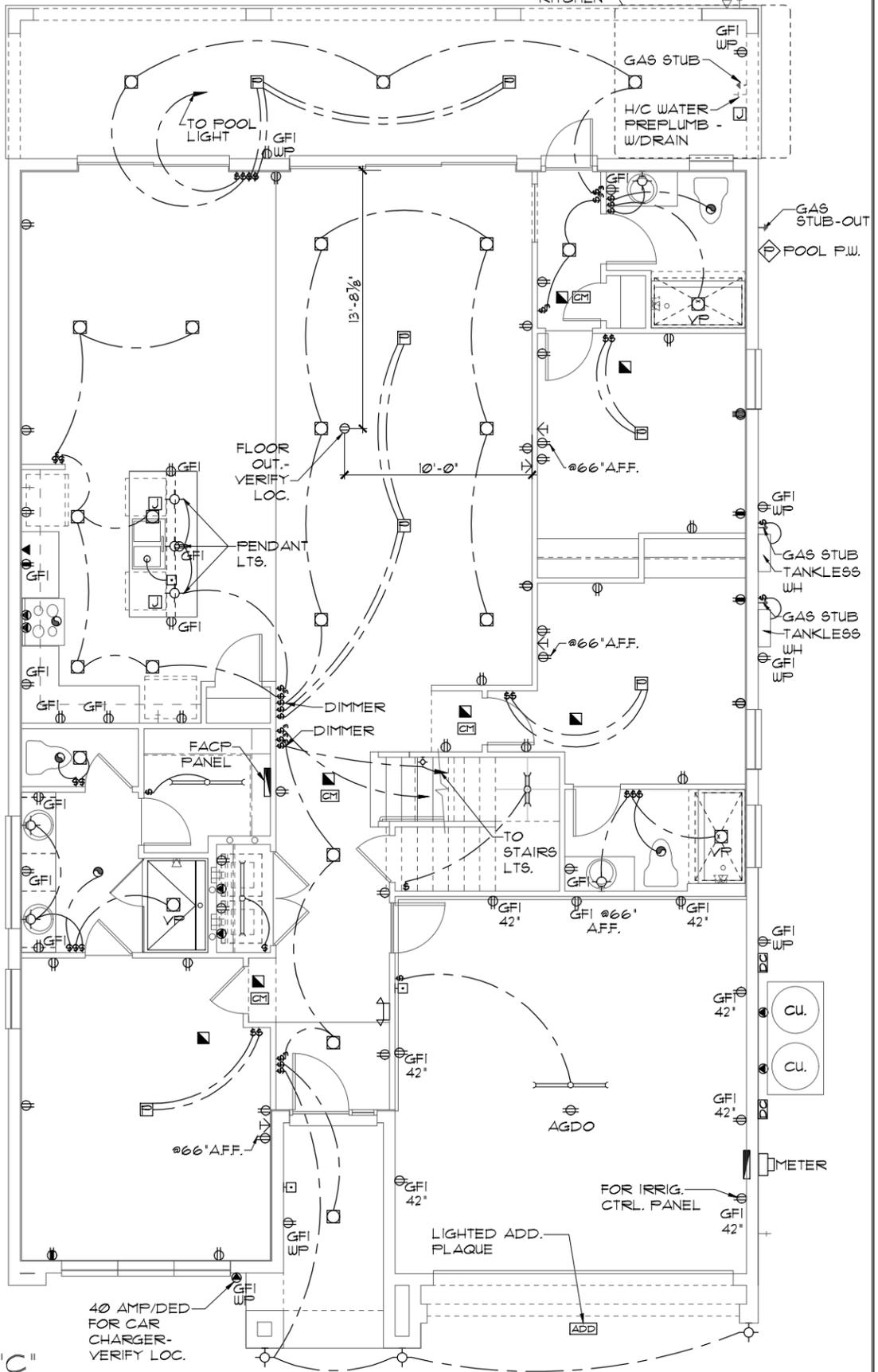


**LEGEND**

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

**ELECTRICAL PLAN "C"**

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



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

A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529 - 3000	
<b>REVISIONS</b>	
BY	
DATE	04-08-21
SCALE	AS NOTED
DRAWN	RDC
JOB	4232
SHEET	09C.0
OF	SHEETS

**MECHANICAL/GENERAL NOTES**

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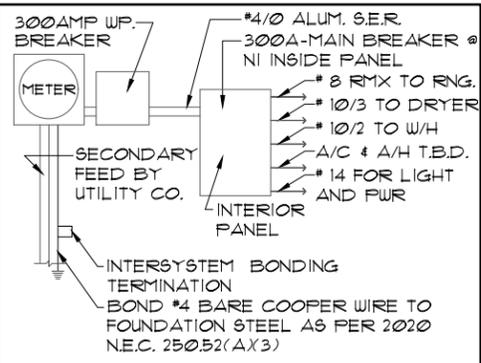
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The steel reinforcing rods must be in a location that is in direct contact with the earth.

The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode.

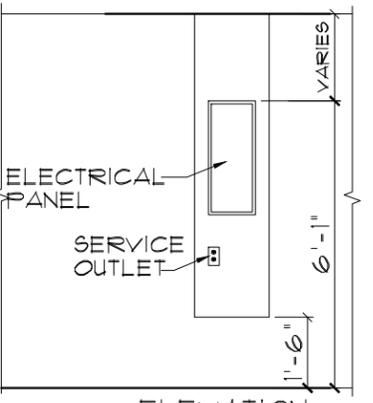
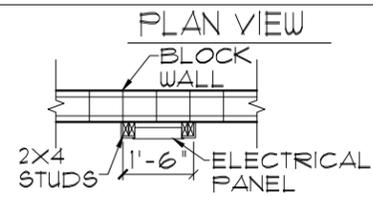
The reinforcing rods cannot be coated with non-conductive material.

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 2020 CODE REQUIREMENTS



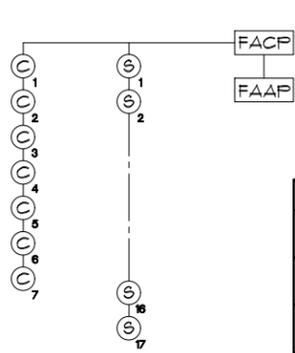
**ELEVATION**

N.T.S.

**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
⊕	SPCL. 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, PREWIRED
⊕	LIGHT FIXT., FULL CHAIN	⊠	CEILING FAN, INSTALL
⊕	LED LIGHT FIXT., FLUORESCENT	⊠	ELECT. JUNCTION BOX
⊕	LIGHT FIXT., EXT. FLOODS	⊠	THERMOSTAT
⊕	LIGHT FIXT., EMERG. EXIT	⊠	DISCONNECT SWITCH
⊕	LIGHT FIXT., EXIT/BACKUP	⊠	ELEC. POWER METER

**RISER DIAGRAM**

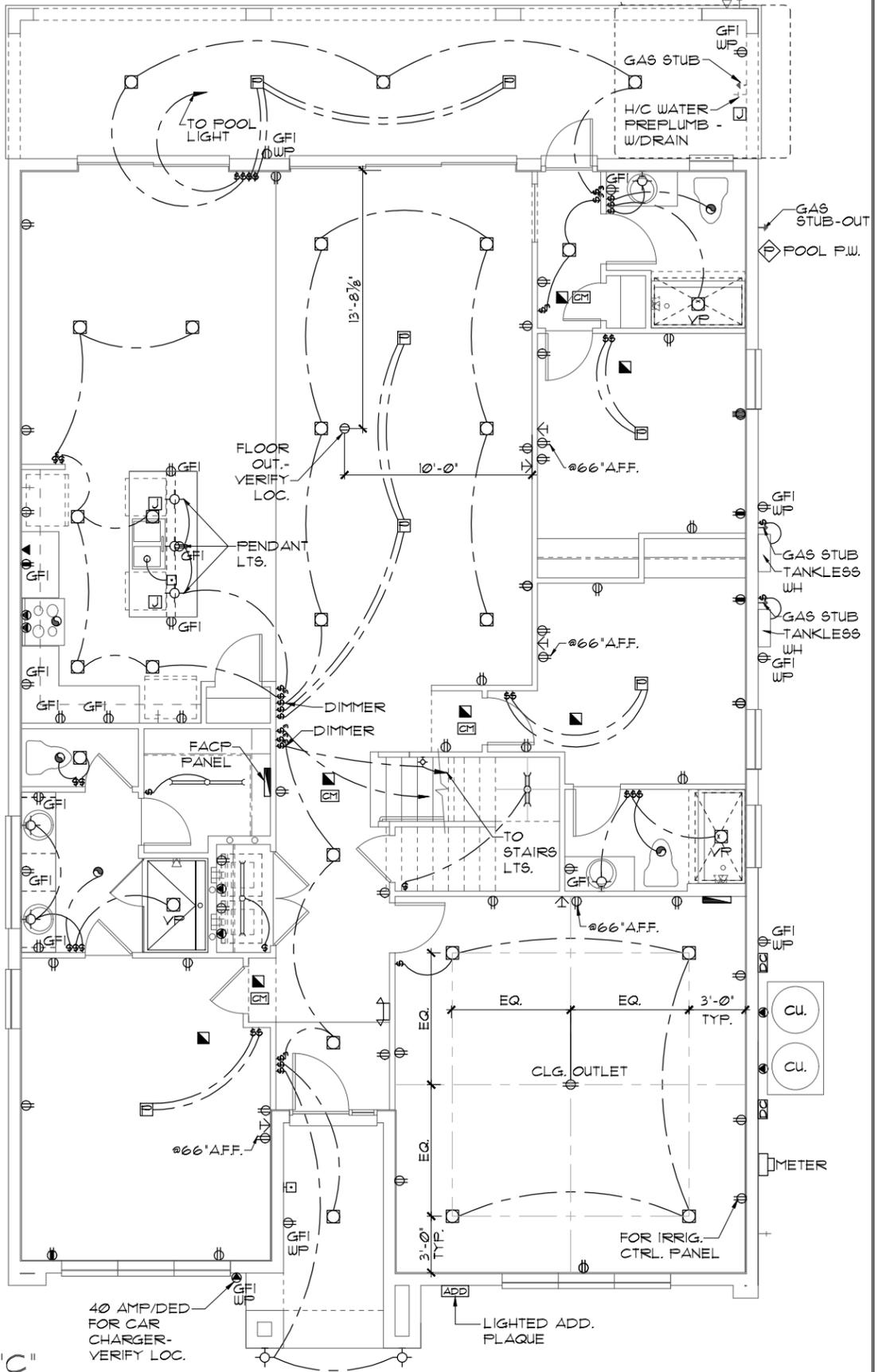


**LEGEND**

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

**ELECTRICAL PLAN "C"**

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



THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH  
**LOI: 000, PARADISO GRANDE**  
 PARADISO GRANDE  
 REEF  
 PARADISO GRANDE  
 DATE 04-08-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 4232  
 SHEET 09C.0  
 OF SHEETS

**PARADISO GRANDE**

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

**Park Square HOMES**

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

REVISIONS	BY

**MECHANICAL/GENERAL NOTES**

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

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

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

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

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

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

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

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

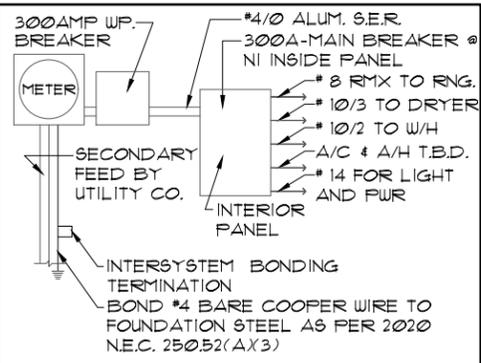
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.

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

11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA10-NEC 2020

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

12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA10-NEC2020 - 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.

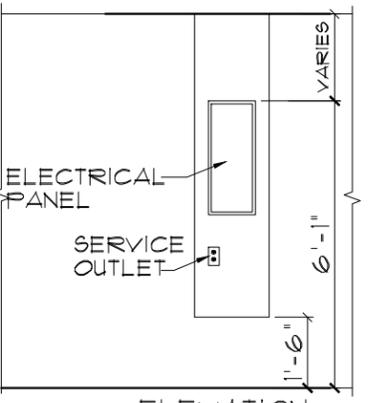
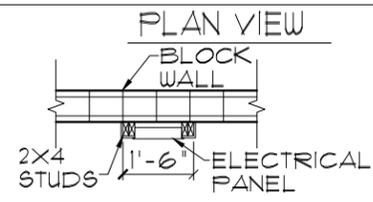
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Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present.

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.

General 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.



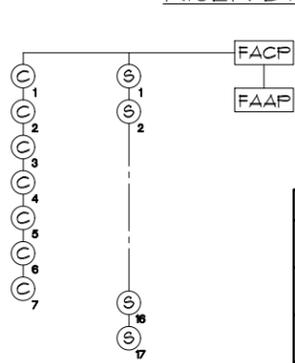
**ELEVATION**  
 N.T.S.

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

**ELECTRICAL LEGEND**

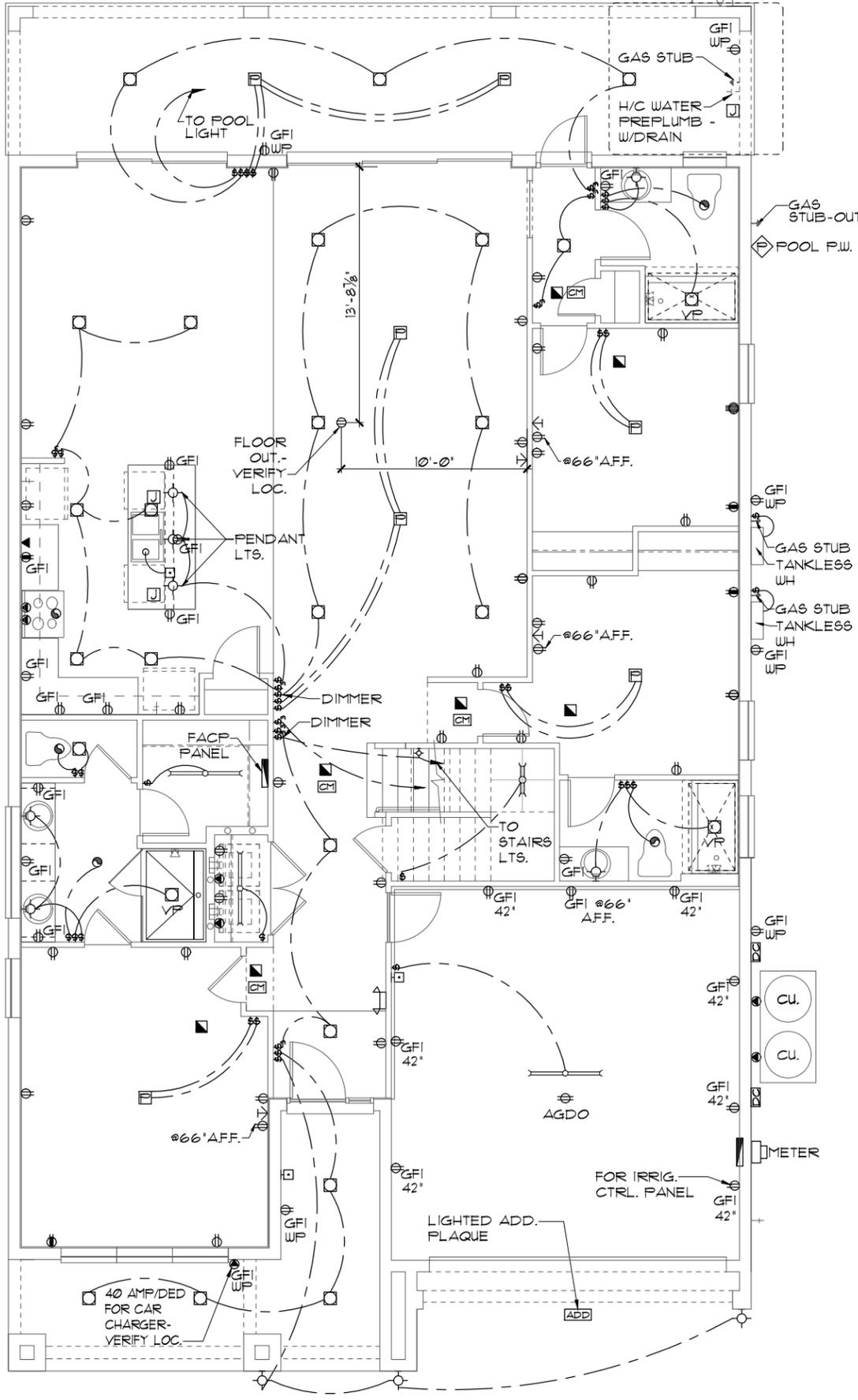
⊕	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊕	THREE WAY SWITCH	◀	OUTLET, PHONE
⊕	OUTLET 110-115	◻	INTERCOM
⊕	OUT. 110-115, SPLIT WIRED	⊠	CHIMES
⊕	OUT. 110-115, W/ USB	⊠	SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE
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⊕	OUT. 110-115, FLR. MOUNT.	⊠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

**RISER DIAGRAM**



**LEGEND**

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



**ELECTRICAL PLAN "D"**

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

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

**LOI: 000, PARADISO GRANDE**

**PARADISO GRANDE**

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

**REEF**

**PARADISO GRANDE**

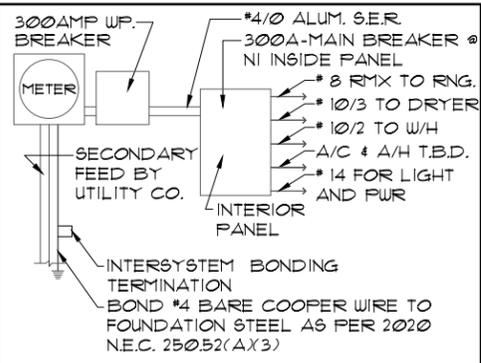
DATE 04-08-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 4232  
 SHEET 09D.0  
 OF SHEETS

**REVISIONS**

NO.	DESCRIPTION	BY

**MECHANICAL/GENERAL NOTES**

- PER 8TH ED. 2023 FLA. BLD. CODE-RESIDENTIAL
- 1.) COMPLETE DUCT DESIGN W/ SIZES & R-VALUE COMPLYING W/ THE FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION 610.1 ABC.1
  - 2.) APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION.
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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 2023 8TH EDITION.
  - 4.) IAW NEC 2020- 210.12-ALL 15A OR 20A, 120V BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES IN THE FOLLOWING LOCATIONS REQUIRE AFCI PROTECTION- KITCHEN, FAMILY RMS, DINING RMS, LIVING RMS, PARLORS, LIBRARIES, BEDROOMS, DENS, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.
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**KIDDE: SMOKE-21007581, C/O 21006377-N**
  - 8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED. F2801.1
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  - 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 **NFPA10-NEC 2020**
  - 12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A)2)
  - 12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA10-NEC2020 - ARTICLE 210-52



**ELECTRICAL RISER DIAGRAM**

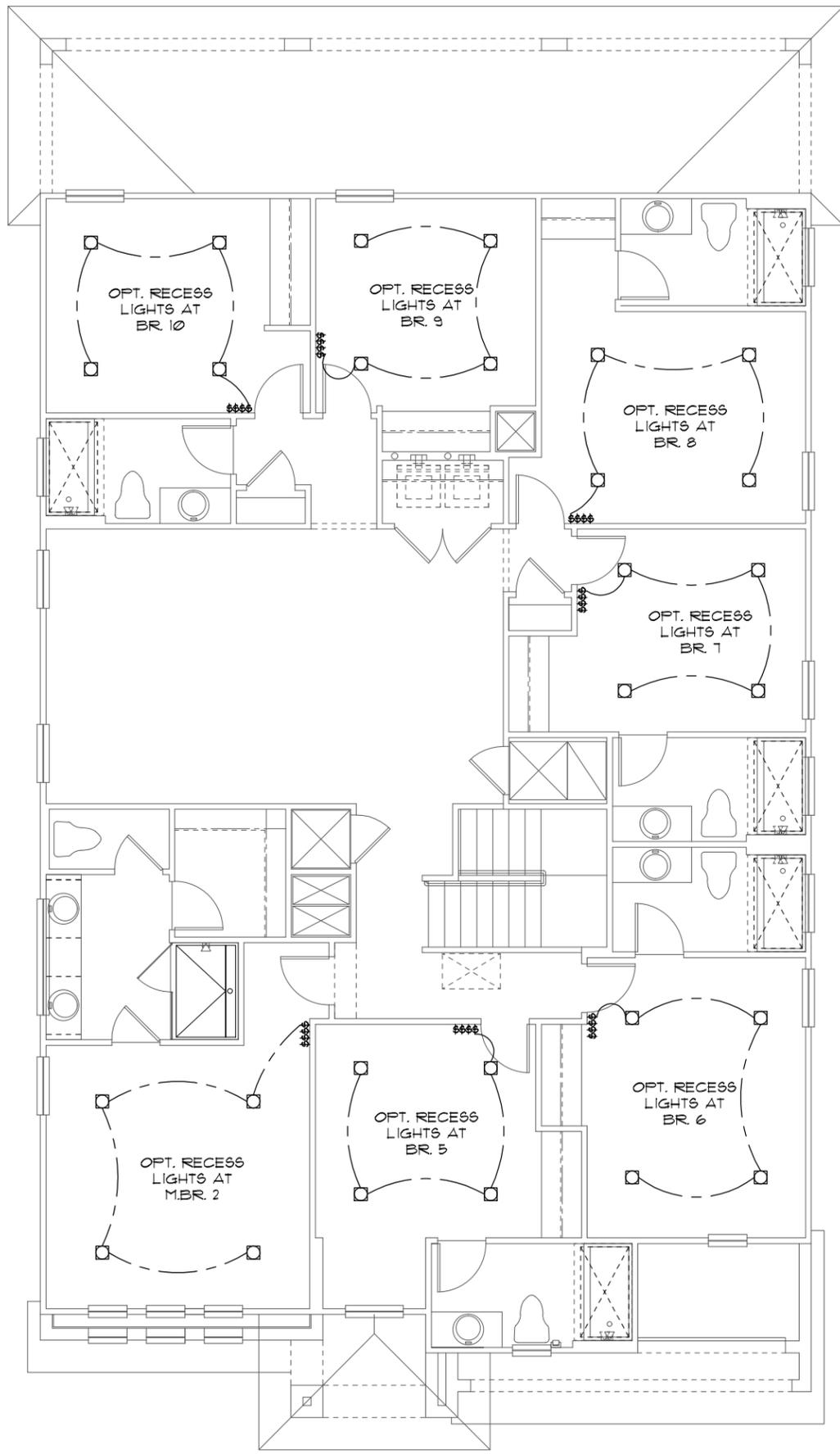
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**NOTE: IF MORE THAN 12 SMOKE ALARMS OR CARBON MONOXIDE ALARM COMBINATION ARE INSTALLED IN THE HOME CRIME PREVENTION WILL PULL A SEPARATE FIRE PERMIT AND THE SYSTEM WILL BE MONITORED**

**ELECTRICAL LEGEND**

⊕	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊕	THREE WAY SWITCH	◀	OUTLET, PHONE
⊕	OUTLET 110-115	◻	INTERCOM
⊕	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
⊕	OUT. 110-115, W/ USB	⊞	SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE
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⊕	LIGHT FIXT., WALL MTD.	⊞	DISPOSAL
⊕	LED LIGHT FIXT., RECESSED	⊞	ELECTRICAL PANEL
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⊕	LIGHT FIXT., FULL CHAIN	⊞	CEILING FAN, INSTALL
⊕	LED LIGHT FIXT.FLUORESCENT	⊞	ELECT. JUNCTION BOX
⊕	LIGHT FIXT., EXT. FLOODS	⊞	THERMOSTAT
⊕	LIGHT FIXT., EMERG. EXIT	⊞	DISCONNECT SWITCH
⊕	LIGHT FIXT., EXIT/BACKUP	⊞	ELEC. POWER METER



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

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

**LED RECESS OPTION**

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

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

**LOI: 0000, PARADISO GRANDE**

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**REVISIONS**

NO.	DESCRIPTION	DATE	BY

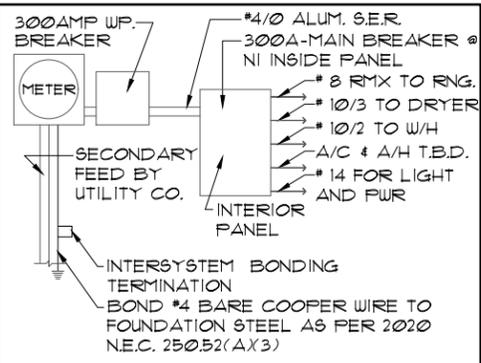
**PARADISO GRANDE**  
A DIVISION OF PARK SQUARE ENTERPRISES, INC.  
5200 Vineland Road, Suite 200  
Orlando, Florida 32811  
Phone: (407) 529-3000

**REEF**  
**PARADISO GRANDE**

**4232**  
DATE 04-09-21  
SCALE AS NOTED  
DRAWN RDC  
JOB 4232  
SHEET 10.0  
OF SHEETS

**MECHANICAL/GENERAL NOTES**

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  - 12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA10-NEC2020 - ARTICLE 210-52



**ELECTRICAL RISER DIAGRAM**

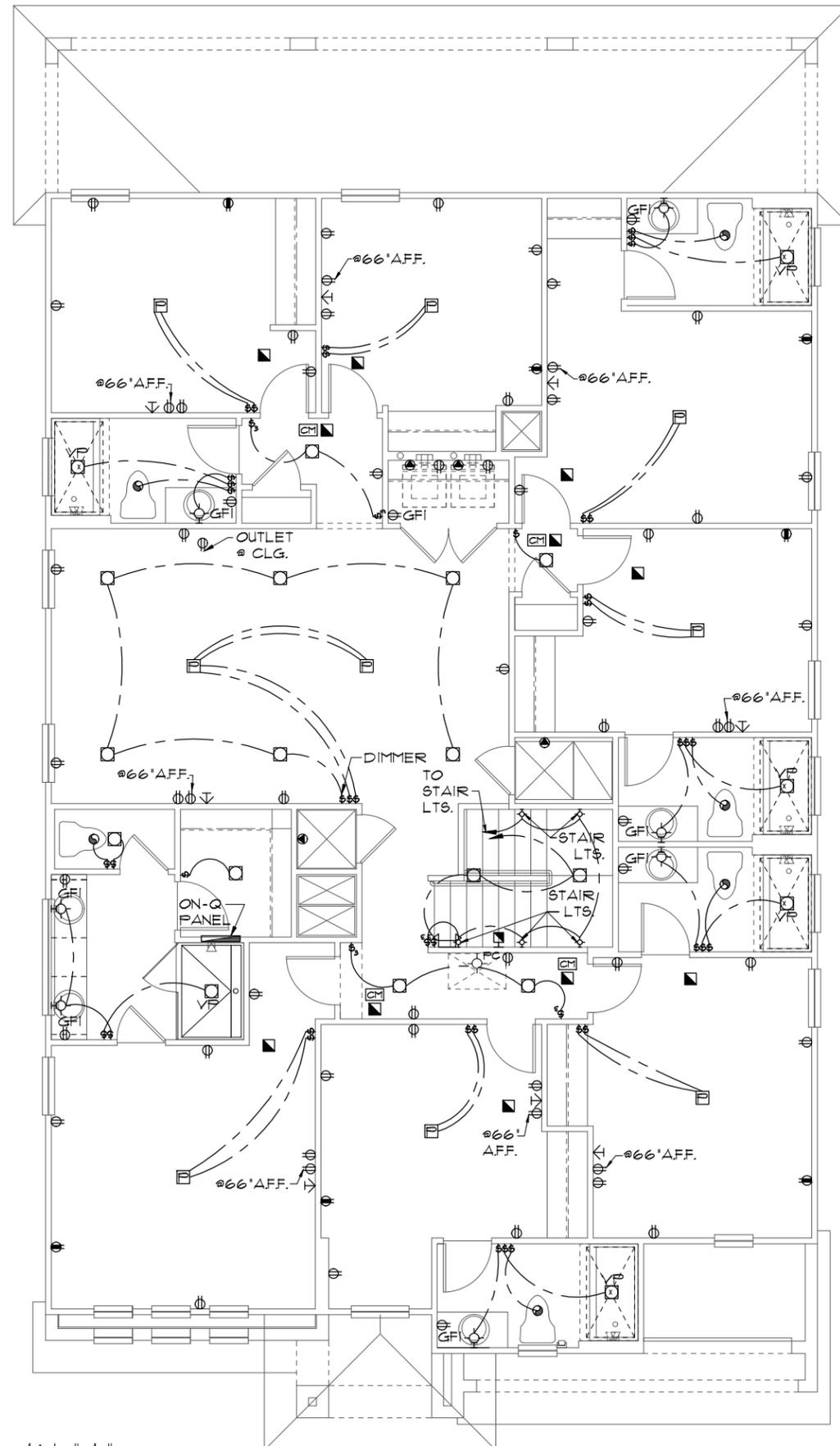
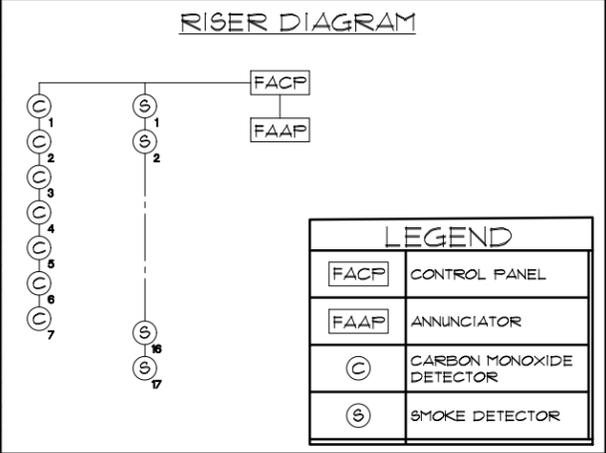
NOTE: N.T.S. ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(A)1) TO (6), LOCAL CODES, AND THE LOCAL POWER COMPANY.

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

**ELECTRICAL LEGEND**

⊕	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊕	THREE WAY SWITCH	◀	OUTLET, PHONE
⊕	OUTLET 110-115	◻	INTERCOM
⊕	OUT. 110-115, SPLIT WIRED	⊠	CHIMES
⊕	OUT. 110-115, W/ USB	⊠	SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE
⊕	OUT. 110-115, CLG. MOUNT.	⊠	CARBON MONOXIDE
⊕	OUT. 110-115, FLR. MOUNT.	⊠	PUSH BUTTON
⊕	SPCL. 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, PREWIRED
⊕	LIGHT FIXT., FULL CHAIN	⊠	CEILING FAN, INSTALL
⊕	LED LIGHT FIXT., FLUORESCENT	⊠	ELECT. JUNCTION BOX
⊕	LIGHT FIXT., EXT. FLOODS	⊠	THERMOSTAT
⊕	LIGHT FIXT., EMERG. EXIT	⊠	DISCONNECT SWITCH
⊕	LIGHT FIXT., EXIT/BACKUP	⊠	ELEC. POWER METER



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

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

**LOT: 000, PARADISO GRANDE**  
 PARADISO GRANDE ENTERPRISES, INC.  
 5200 Vineland Road, Suite 200  
 Orlando, Florida 32811  
 Phone: (407) 529 - 3000

REVISIONS		BY
<b>ITEC</b> THOMPSON ENGINEERING GROUP, INC. P.O. BOX 1450 ORLANDO, FL 32811 TEL: (407) 724-1450 FAX: (407) 724-1750 WWW.ITEC.COM		
<b>Park Square HOMES</b>		
<b>ELECTRICAL PLAN</b>		
<b>REEF</b>		
<b>PARADISO GRANDE</b>		
<b>4232</b>		
DATE	04-08-21	
SCALE	AS NOTED	
DRAWN	RDC	
JOB	4232	
SHEET	10A.0	
OF	SHEETS	

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

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

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

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

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

5.) IAW NEC 2020- 406.12, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.  
6.) ALL OUTLETS IN BATHROOMS, KITCHEN, GARAGES AND LAUNDRY ROOM SHALL BE GFCI  
7.) SMOKE ALARMS SHALL BE IN ALL SLEEPING AREAS, SHALL BE INTERCONNECTED, SHALL BE WITHIN 1' TO 3' OF PEAK & SHALL BE 3' FROM THE SUPPLY OR RETURN AIR- STREAM & EQUIPPED W/ A BATTERY BACKUP. ALARMS MAY NOT BE CONNECTED WHERE ALARMS ARE WIRELESS & ALL ALARMS SOUND UPON ACTIVATION IAW FBCR R314.3 & R314.4. MODEL\* TO BE USED ON THIS JOB TO BE: **BRK: SMOKE-9120B, C/O- SC9120B**  
**KIDDE: SMOKE-21007581, C/O 21006377-N**

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

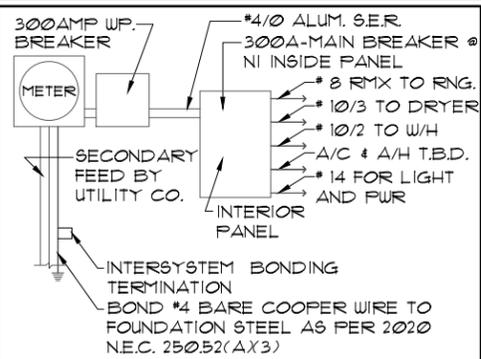
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.

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

11.) ALL ELECTRICAL WORK TO BE DONE PER **NFPA10-NEC 2020**

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

12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA10-NEC2020 - ARTICLE 210-52



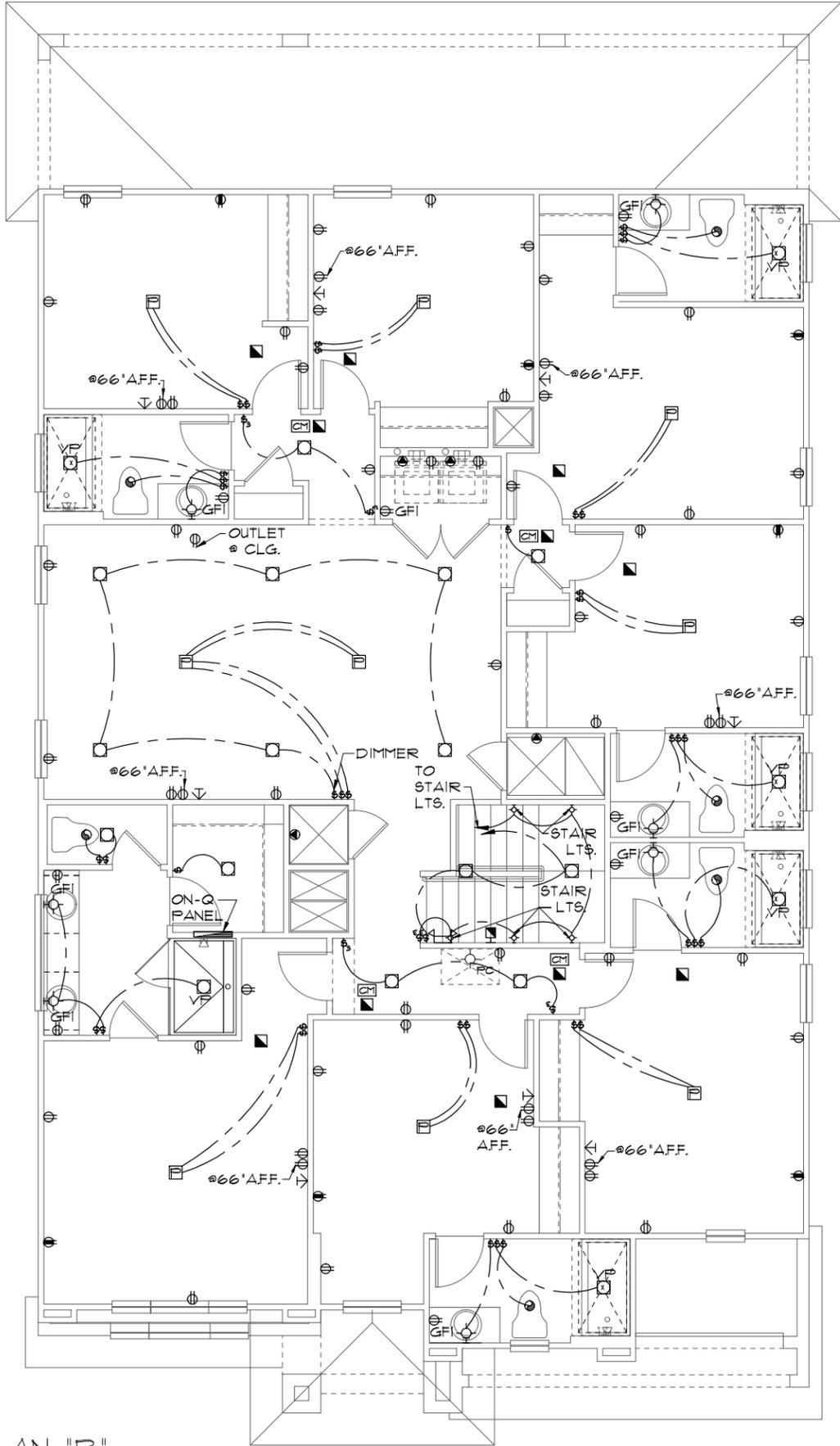
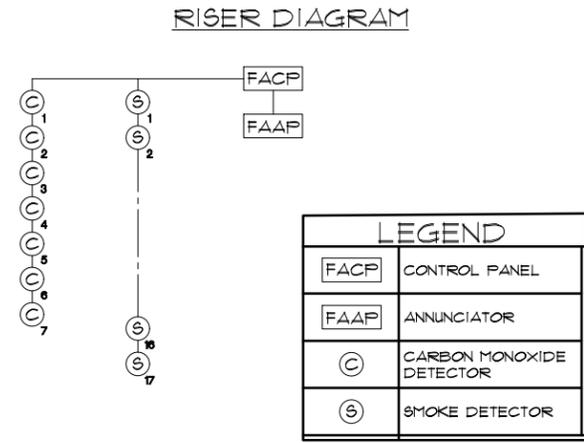
**ELECTRICAL RISER DIAGRAM**  
NOTE: N.T.S.  
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250.52(AX3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.  
Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long. There are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than 1/2 inch in diameter and at least 20 ft. long, encased in 2 inches of concrete; (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.  
The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated with non-conductive material. Section 250.53 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings or foundations have been poured before the electrical contractor arrives at the site, and a reinforcing rod is not available for use as a grounding electrode, then a grounding connection to the reinforcing rod is not required.

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**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
⊕	SPCL. 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, PREWIRED
⊕	LIGHT FIXT., FULL CHAIN	⊠	CEILING FAN, INSTALL
⊕	LED LIGHT FIXT., FLUORESCENT	⊠	ELECT. JUNCTION BOX
⊕	LIGHT FIXT., EXT. FLOODS	⊠	THERMOSTAT
⊕	LIGHT FIXT., EMERG. EXIT	⊠	DISCONNECT SWITCH
⊕	LIGHT FIXT., EXIT/BACKUP	⊠	ELEC. POWER METER



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

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

**LOI: 000, PARADISO GRANDE**

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**REVISIONS**

NO.	DESCRIPTION	DATE	BY

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TEL: (407) 734-1450  
FAX: (407) 734-1178  
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**Park Square HOMES**  
A DIVISION OF PARK SQUARE ENTERPRISES, INC.  
5200 Vineland Road, Suite 200  
Orlando, Florida 32811  
Phone: (407) 529 - 3000

**ELECTRICAL PLAN**

**REEF**

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

**MECHANICAL/GENERAL NOTES**

PER 8TH ED. 2023 FLA BLD. CODE-RESIDENTIAL  
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 A) CHAPTER 13 OF THE FBC-R 2023 8TH SECTION M1305.1

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

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

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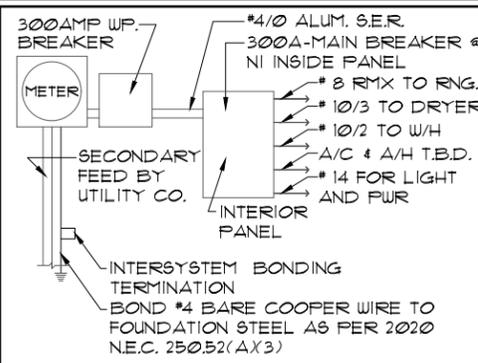
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11.) ALL ELECTRICAL WORK TO BE DONE PER **NFPA10-NEC 2020**

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

12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA10-NEC2020 - 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

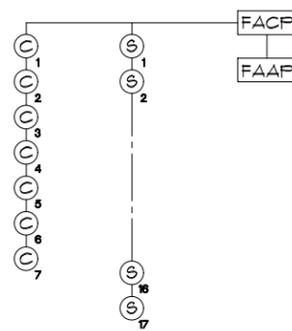
only if it is available. In those jurisdictions, if the footings or foundations have been poured before the electrical contractor arrives at the site, and a reinforcing rod is not available for use as a grounding electrode, then a grounding connection to the reinforcing rod is not required.

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**ELECTRICAL LEGEND**

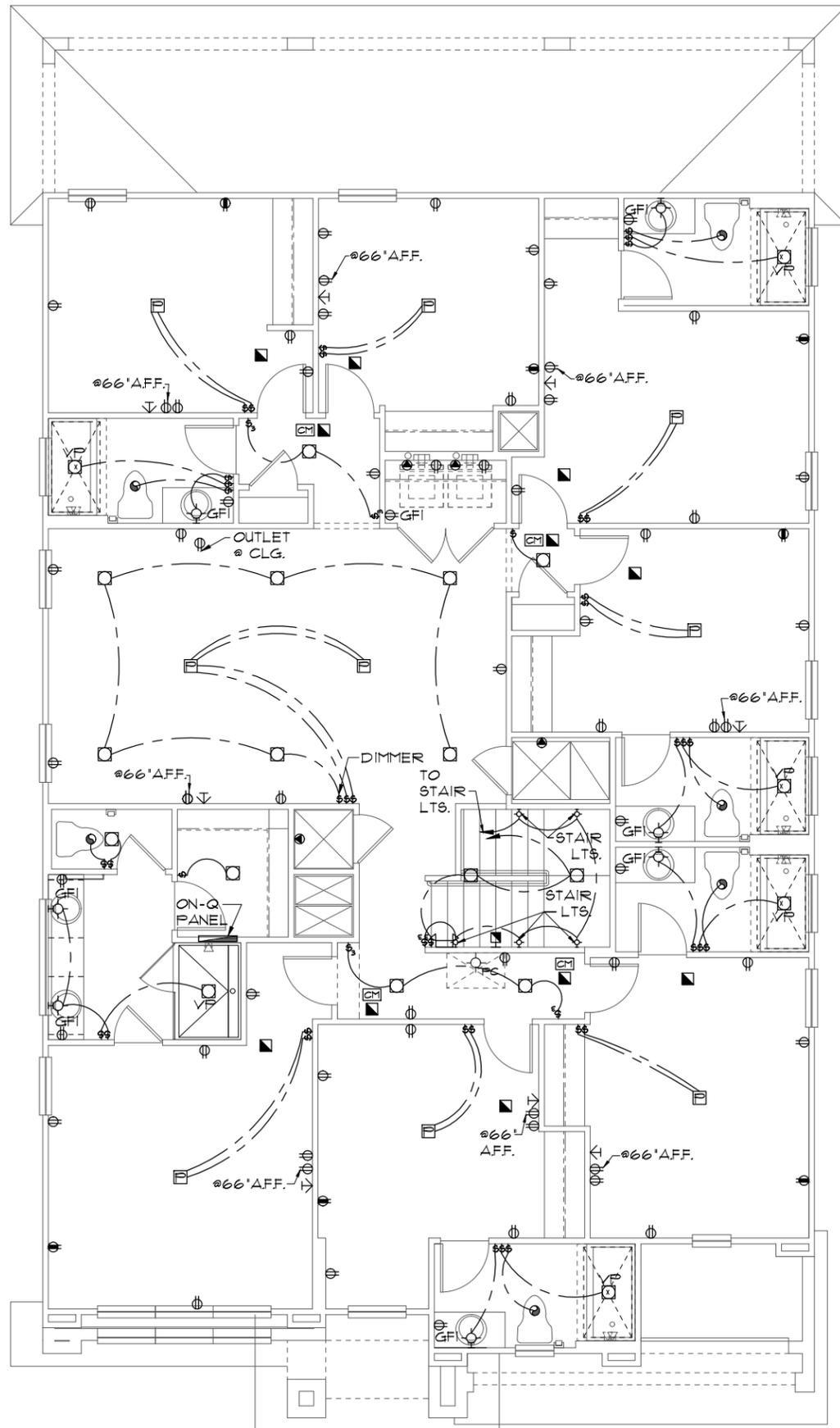
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⊕	THREE WAY SWITCH	◀	OUTLET, PHONE
⊕	OUTLET 110-115	◻	INTERCOM
⊕	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
⊕	OUT. 110-115, W/ USB	⊞	SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE
⊕	OUT. 110-115, CLG. MOUNT.	⊞	CARBON MONOXIDE
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⊕	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, PREWIRED
⊕	LIGHT FIXT., FULL CHAIN	⊞	CEILING FAN, INSTALL
⊕	LED LIGHT FIXT., FLUORESCENT	⊞	ELECT. JUNCTION BOX
⊕	LIGHT FIXT., EXT. FLOODS	⊞	THERMOSTAT
⊕	LIGHT FIXT., EMERG. EXIT	⊞	DISCONNECT SWITCH
⊕	LIGHT FIXT., EXIT/BACKUP	⊞	ELEC. POWER METER

**RISER DIAGRAM**



**LEGEND**

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



**UPPER ELECTRICAL PLAN "C"**

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

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

**LOI: 000, PARADISO GRANDE**

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**REVISIONS**

NO.	DESCRIPTION	DATE	BY

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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**

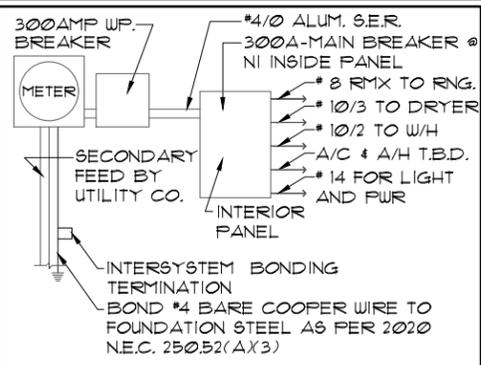
**ELECTRICAL PLAN**

4232

DATE 04-08-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 4232  
 SHEET 10C.0  
 OF SHEETS

**MECHANICAL/GENERAL NOTES**

- PER 8TH ED. 2023 FLA BLD. CODE-RESIDENTIAL
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**ELECTRICAL RISER DIAGRAM**

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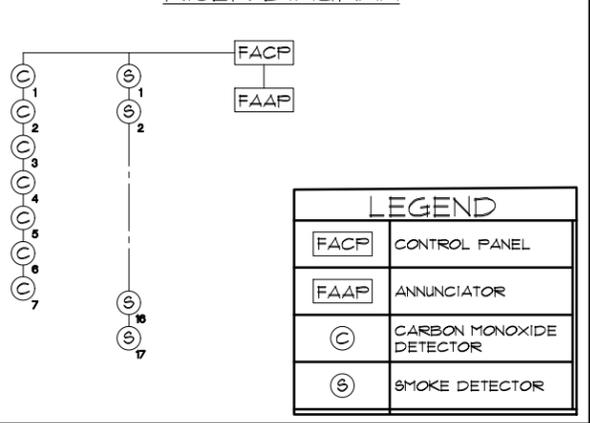
250.52(A)3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long. There are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than 1/2 inch in diameter and at least 20 ft. long, encased in 2 inches of concrete; (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete. The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated with non-conductive material. Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings or foundations have been poured before the electrical contractor arrives at the site, and a reinforcing rod is not available for use as a grounding electrode, then a grounding connection to the reinforcing rod is not required.

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

**ELECTRICAL LEGEND**

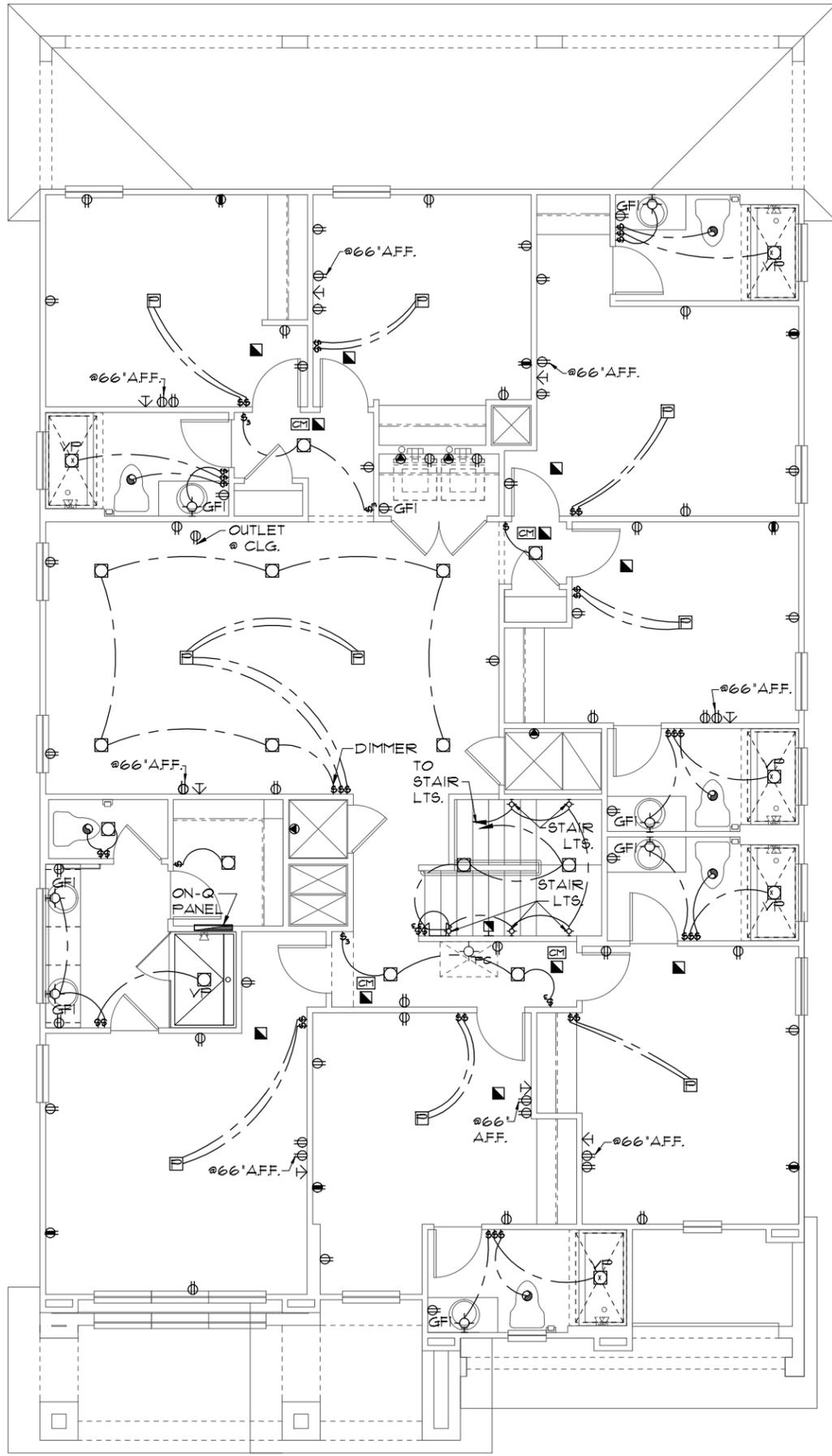
⊕	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊕	THREE WAY SWITCH	◀	OUTLET, PHONE
⊕	OUTLET 110-115	◻	INTERCOM
⊕	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
⊕	OUT. 110-115, W/ USB	⊞	SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE
⊕	OUT. 110-115, CLG. MOUNT.	⊞	CARBON MONOXIDE
⊕	OUT. 110-115, FLR. MOUNT.	⊞	PUSH BUTTON
⊕	SPCL. 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, PREWIRED
⊕	LIGHT FIXT., FULL CHAIN	⊞	CEILING FAN, INSTALL
⊕	LED LIGHT FIXT., FLUORESCENT	⊞	ELECT. JUNCTION BOX
⊕	LIGHT FIXT., EXT. FLOODS	⊞	THERMOSTAT
⊕	LIGHT FIXT., EMERG. EXIT	⊞	DISCONNECT SWITCH
⊕	LIGHT FIXT., EXIT/BACKUP	⊞	ELEC. POWER METER

**RISER DIAGRAM**



**LEGEND**

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



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

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**REEF PARADISO GRANDE**

DATE 04-08-21  
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JOB 4232  
SHEET 10D.0  
OF SHEETS

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5200 Vineland Road, Suite 200  
Orlando, Florida 32811  
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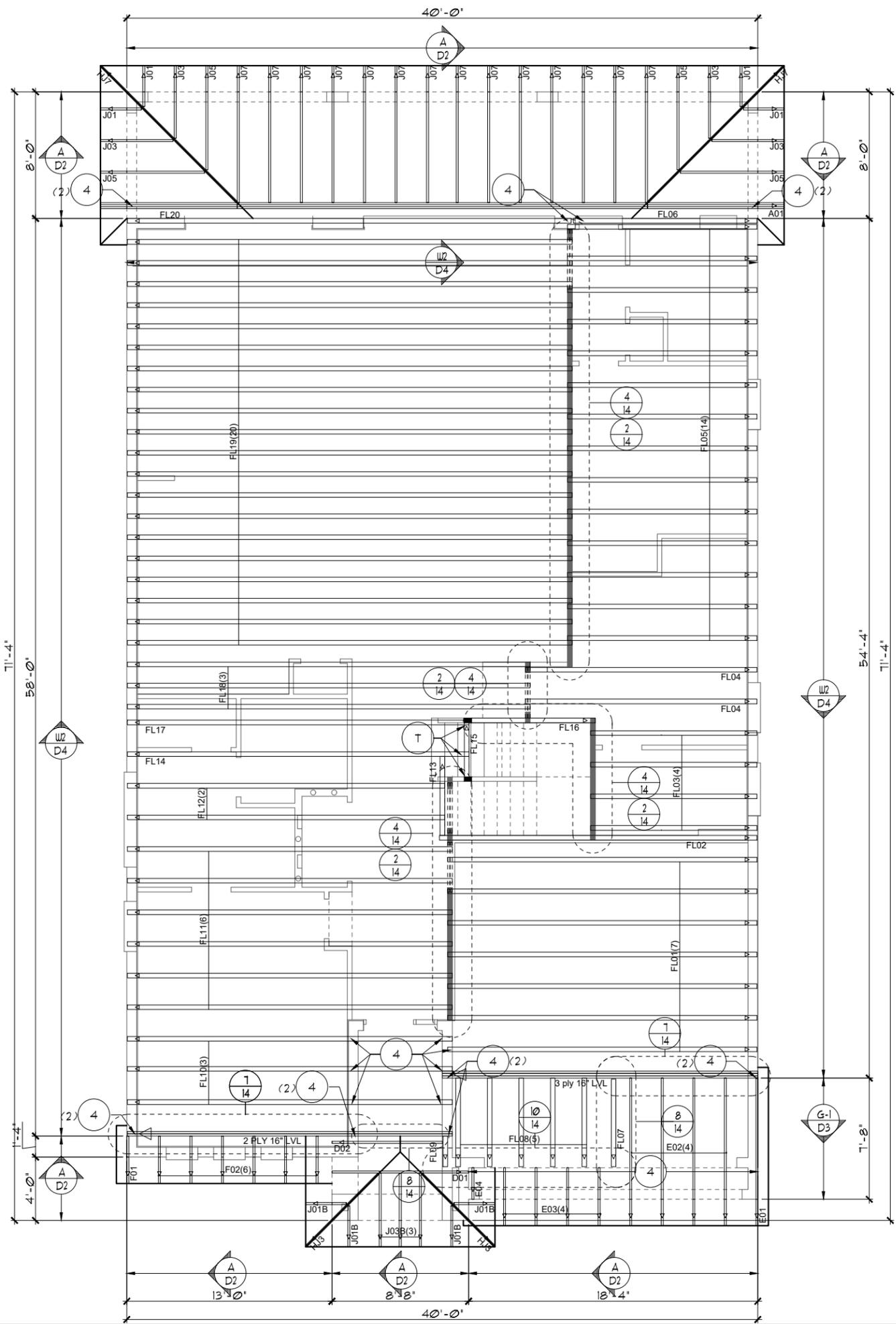
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**Park Square HOMES**

**ELECTRICAL PLAN**

REVISIONS	BY

- NOTES**
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**TRUSS LAYOUT "A"**  
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 REEF  
 TRUSS LAYOUT  
 PARADISO GRANDE

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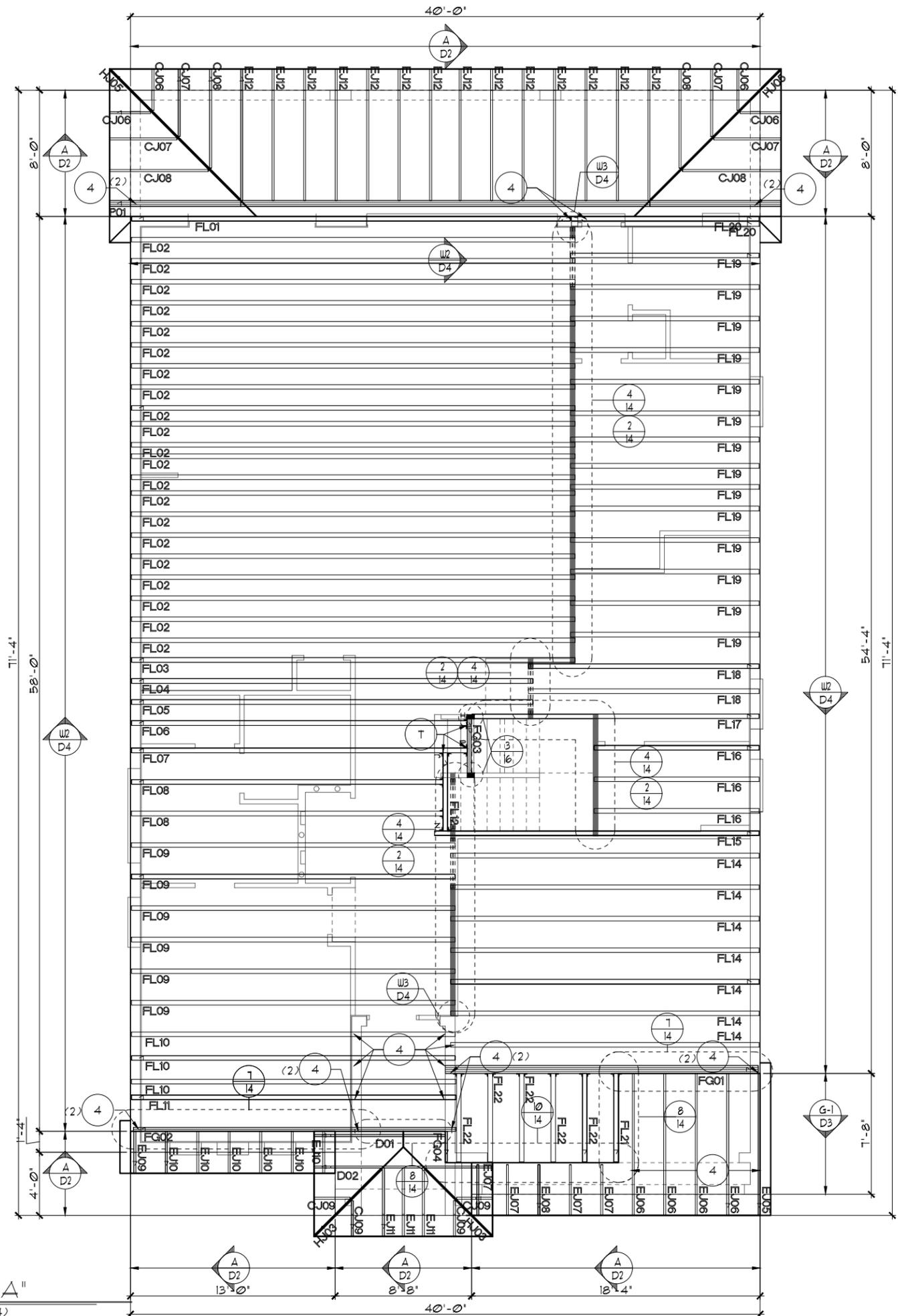
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 www.teg.com



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TRUSS LAYOUT "A"

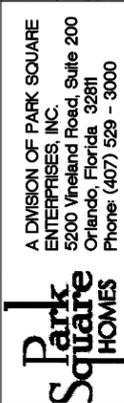
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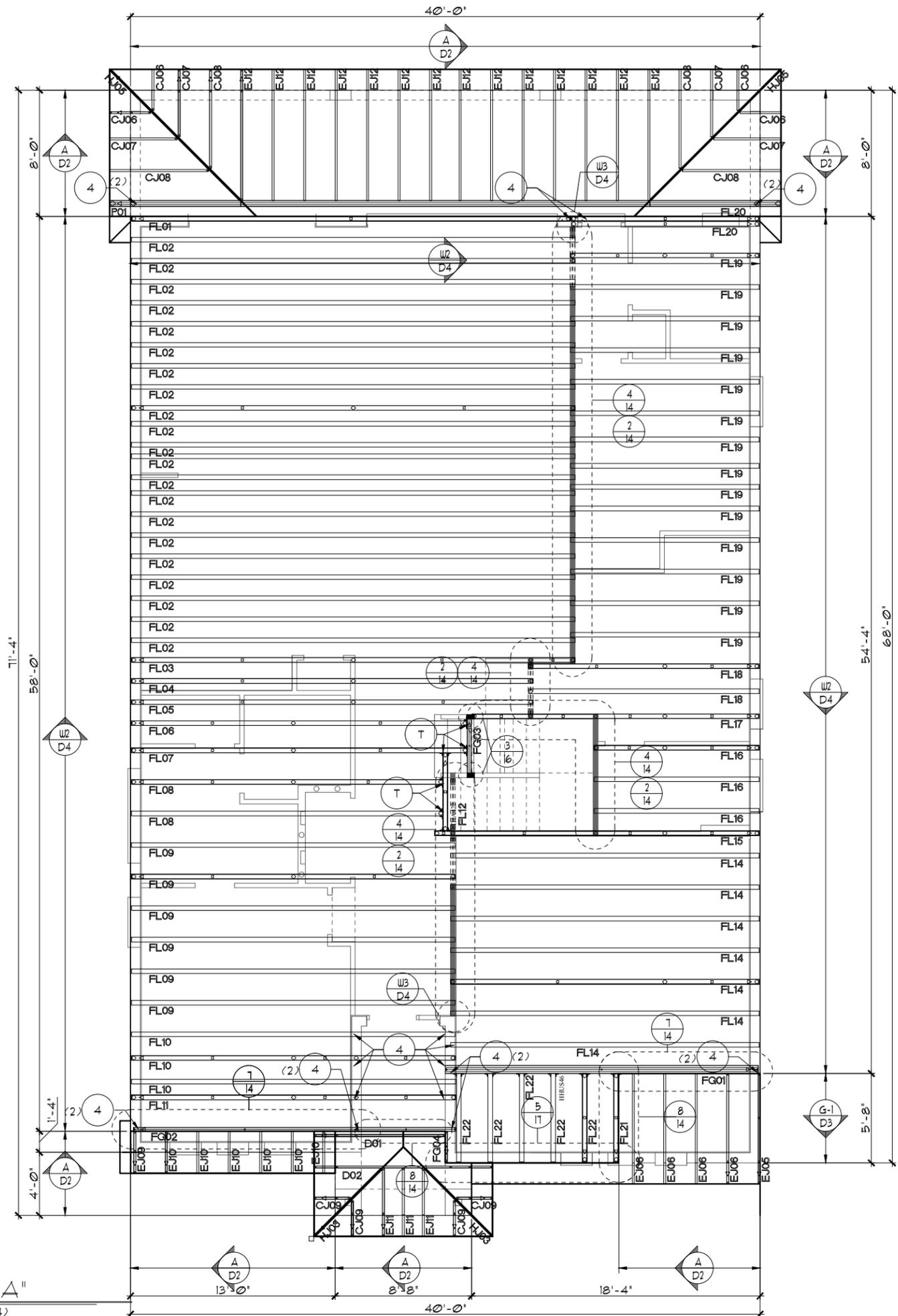
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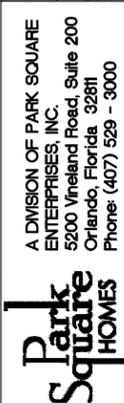
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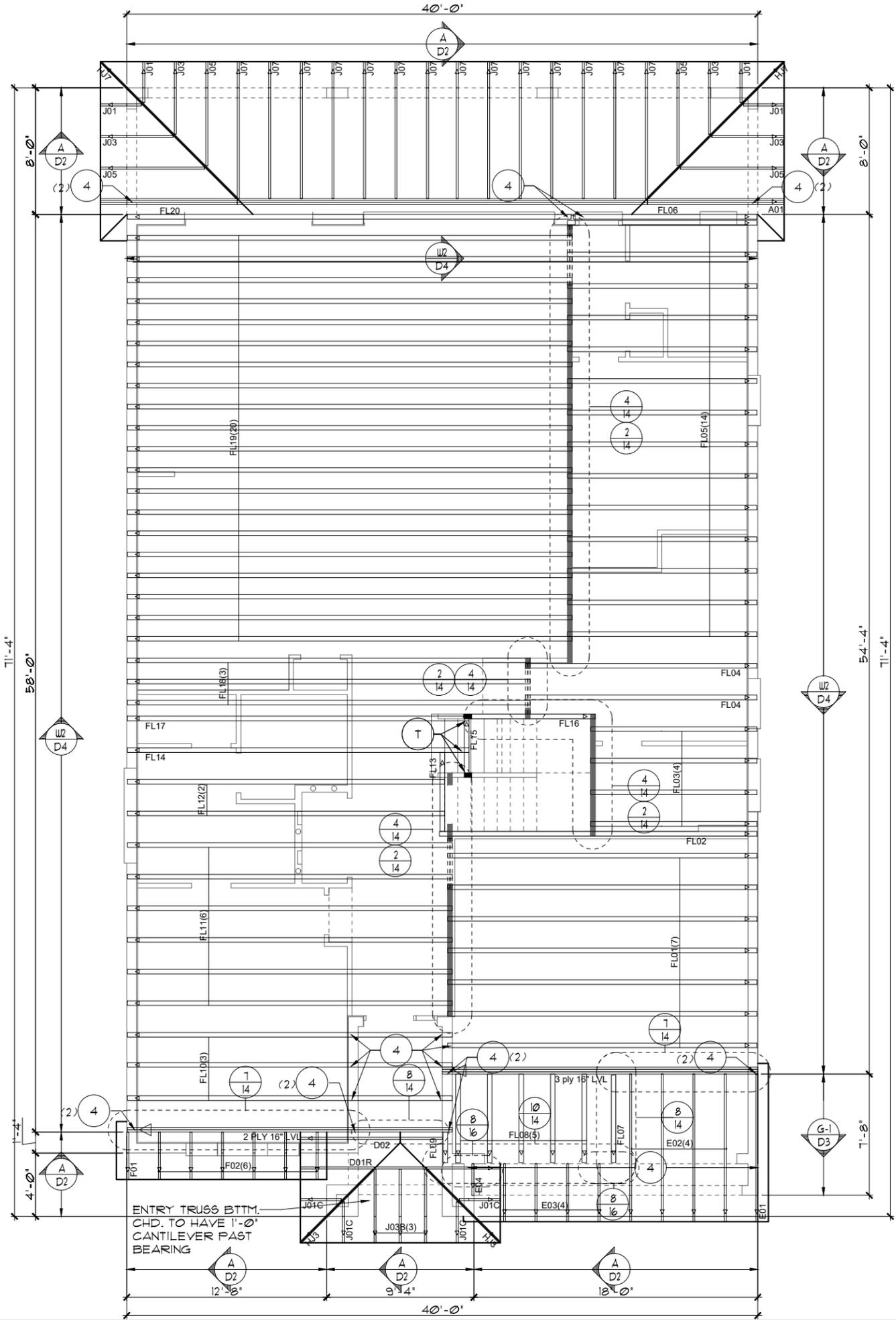
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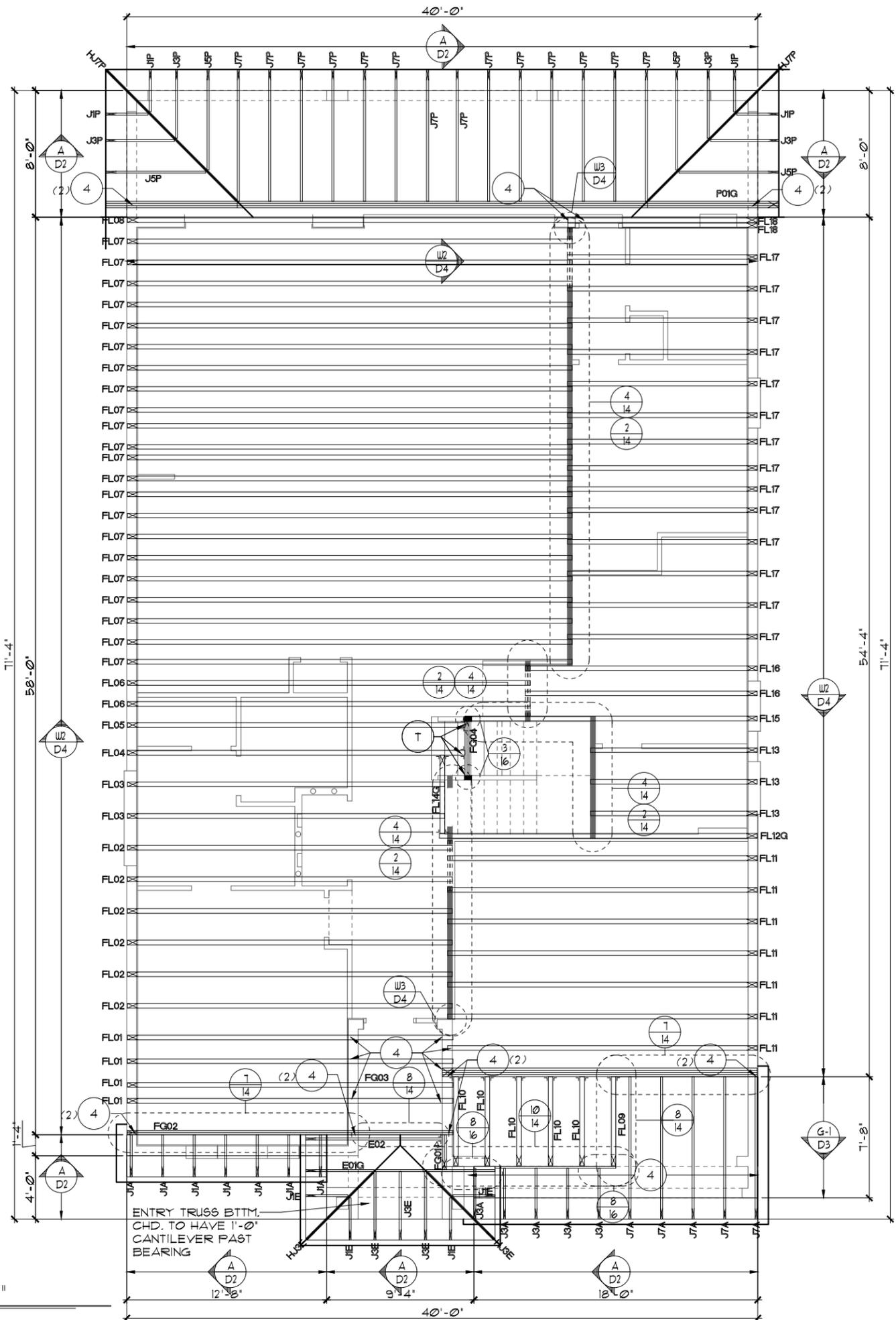
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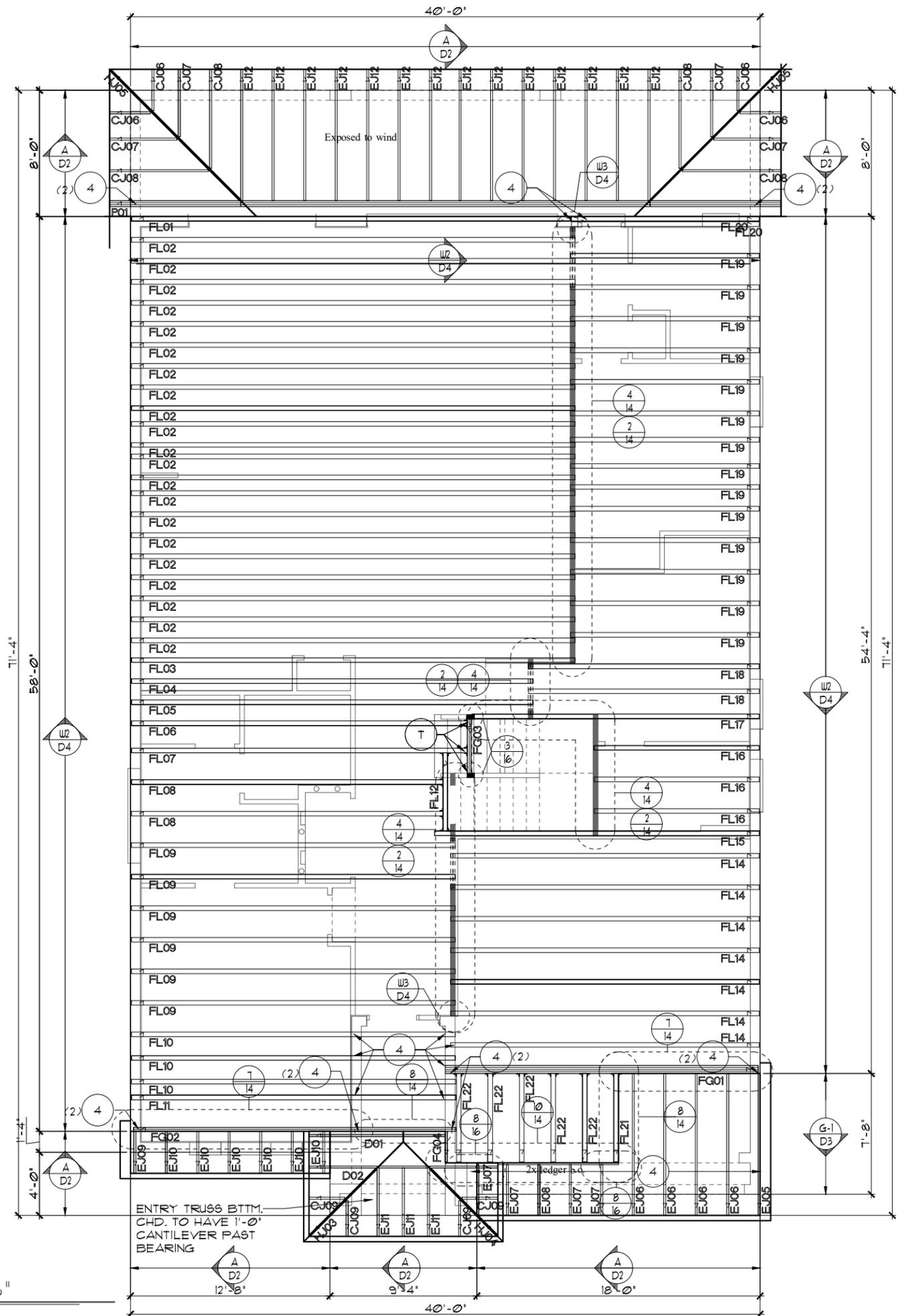
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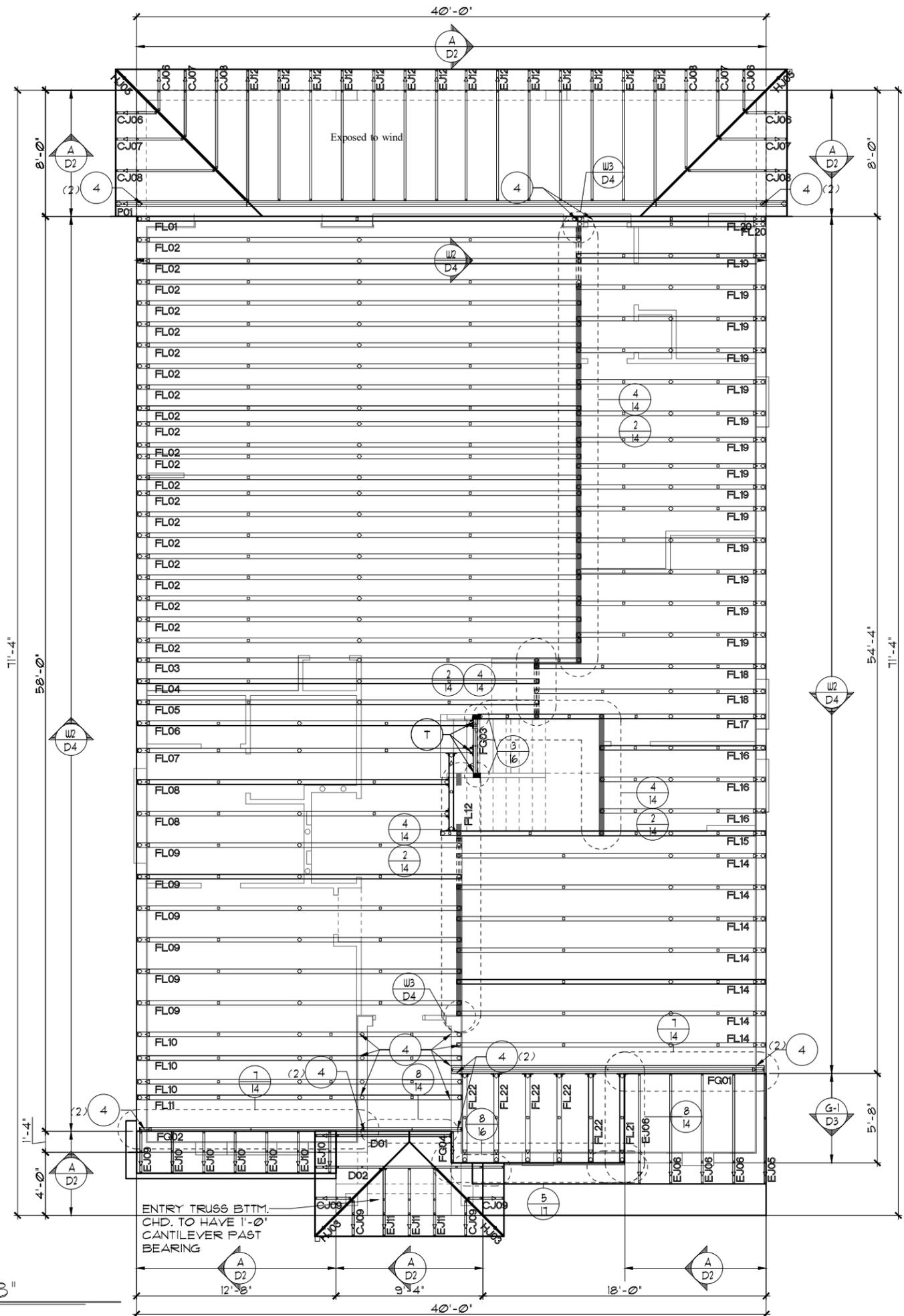
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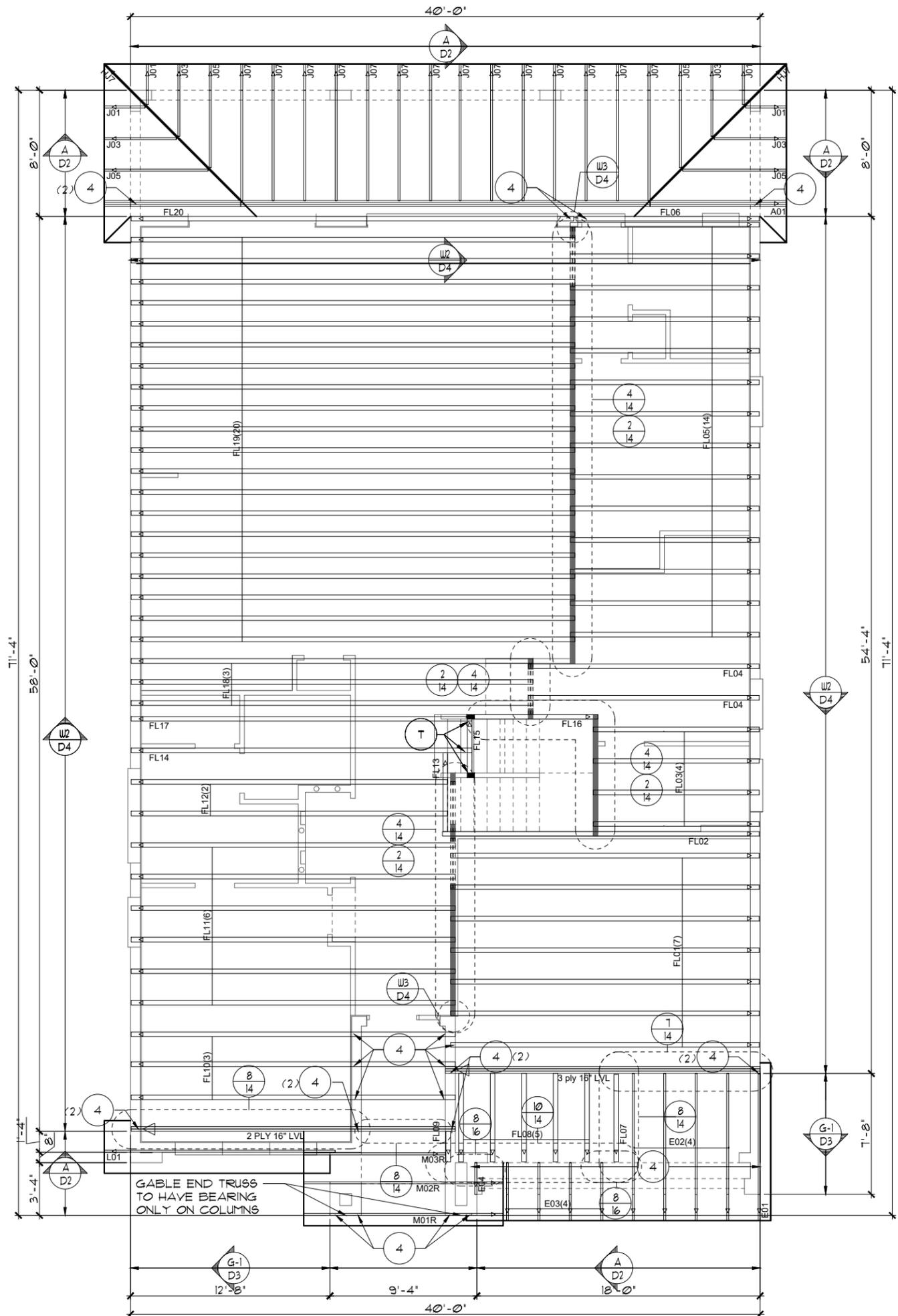
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5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, 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, D1910, D4869 and D6151 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :
  - O-HAGIN - 1' X 19" HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 11TH EDITION ASTM C1492-R305.3.5



**TRUSS LAYOUT "C"**

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

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

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 PARADISO GRANDE  
 REEF  
 PARADISO GRANDE

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

4232

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

**PARADISO GRANDE**

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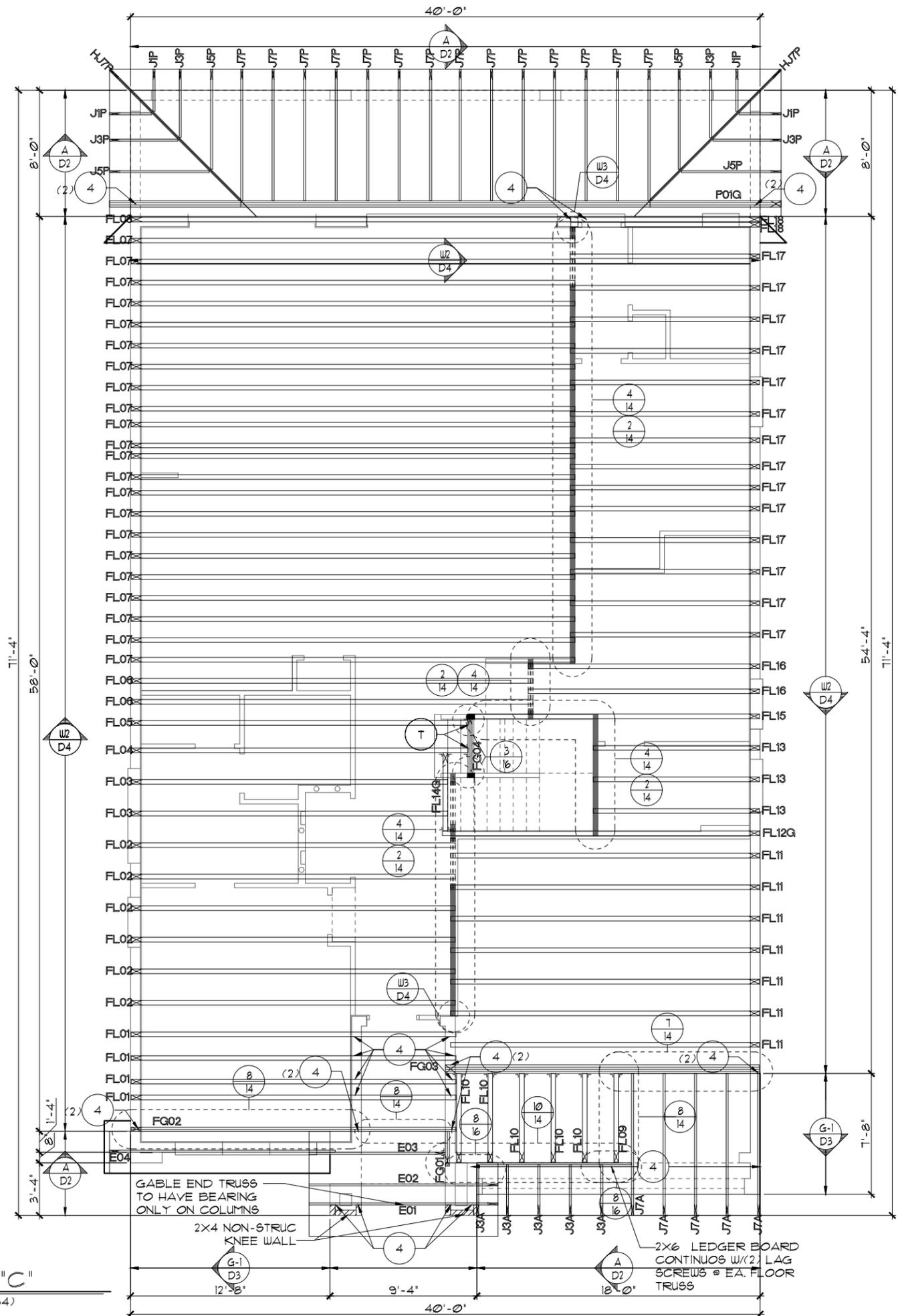
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 Orlando, Florida 32811  
 Phone: (407) 529 - 3000

**Park Square HOMES**

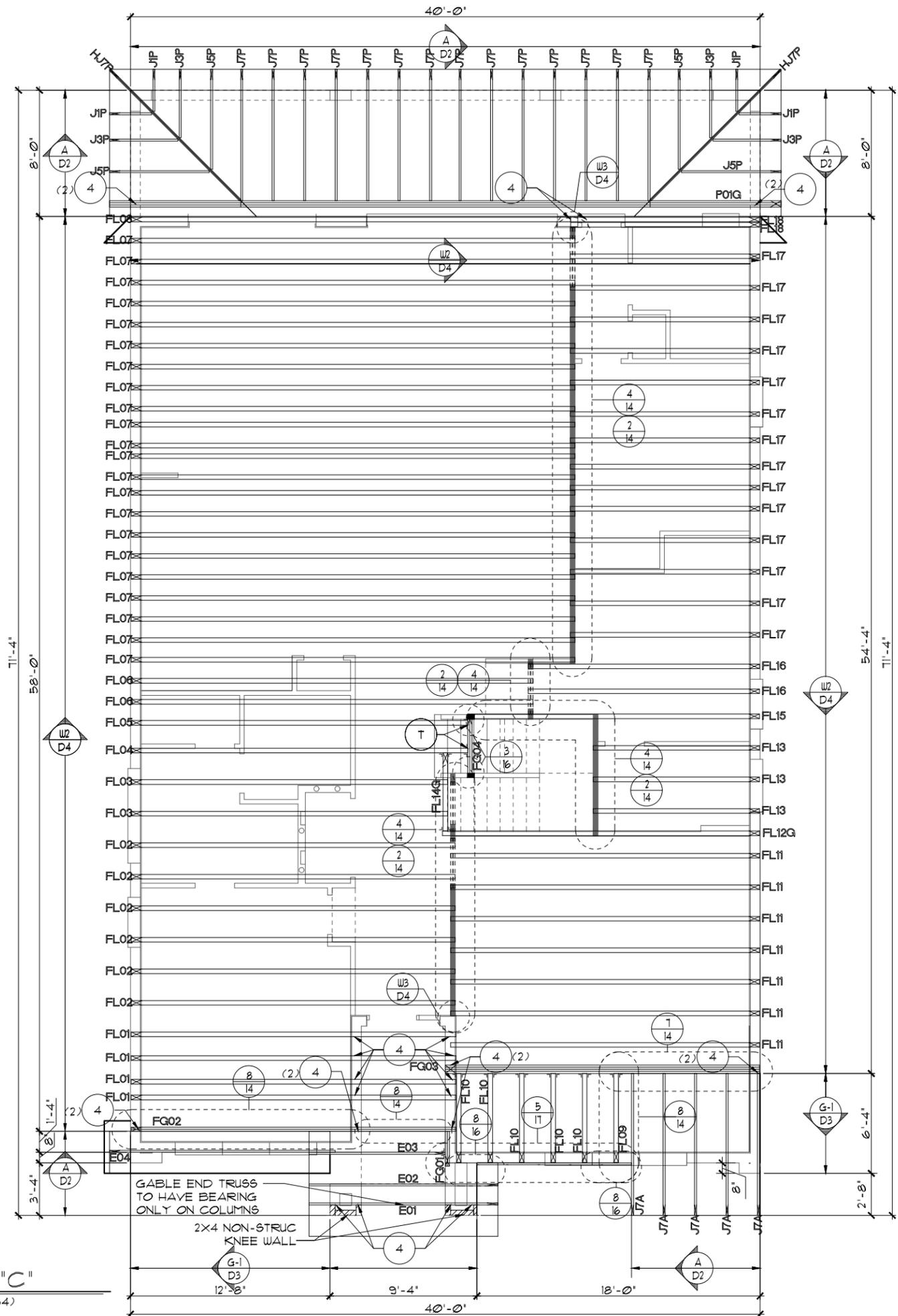
TRUSS LAYOUT

NOTES

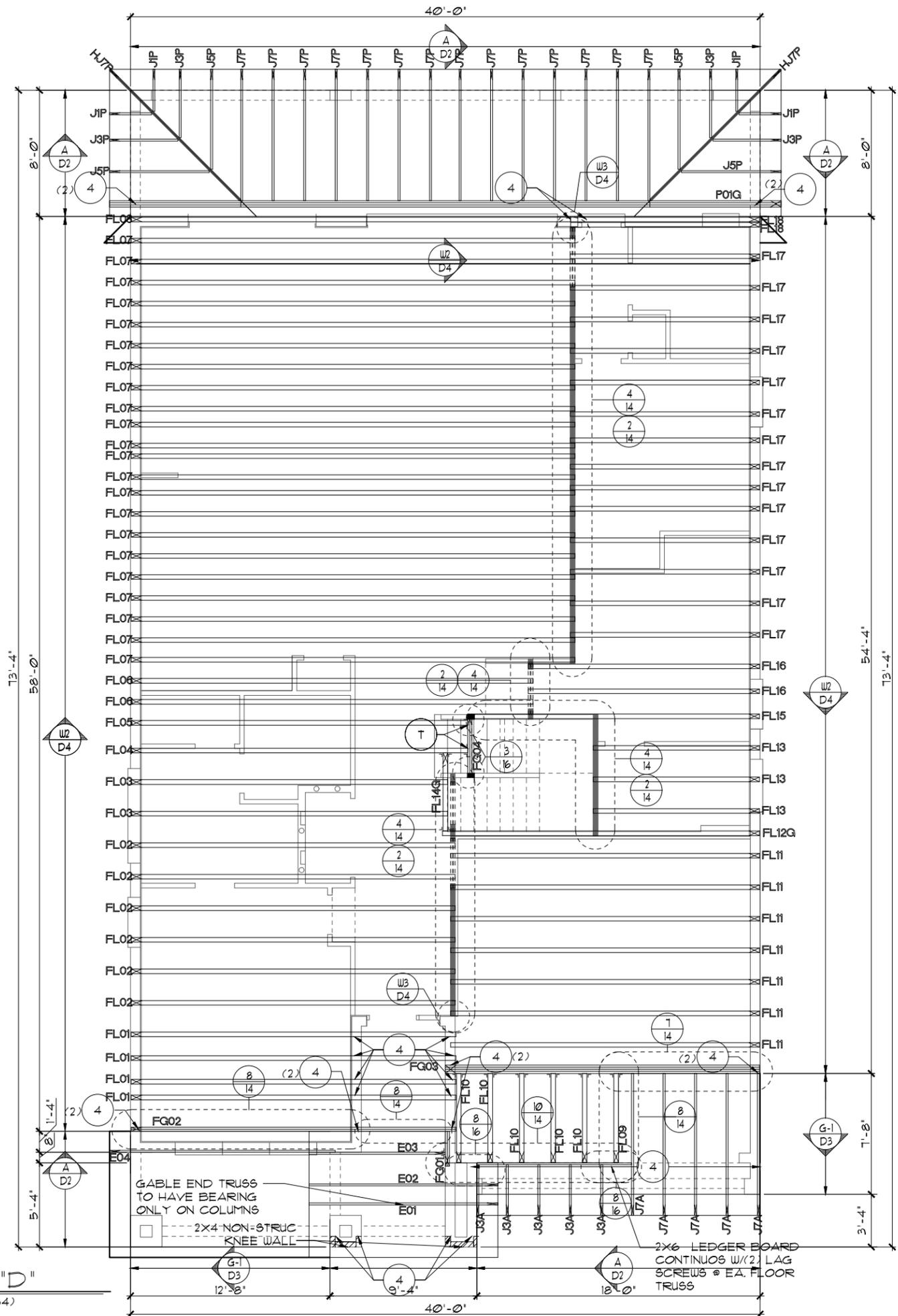
1. TYPICAL ROOF GABLE OVERHANG TO BE 12' UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE 12' UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTC A BC91.1.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R905.3.3. Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES:
  - O-HAGIN - 7' X 19" HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R905.3.5



- NOTES**
- TYPICAL ROOF GABLE OVERHANG TO BE 12' UNLESS OTHERWISE NOTED.
  - TYPICAL ROOF EAVES OVERHANG TO BE 12' UNLESS OTHERWISE NOTED.
  - PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
  - ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
  - TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BC91.1.
  - REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
  - TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R905.3.3. Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
  - OFF RIDGE VENTS MAXIMUM OPENING SIZES:
    - O-HAGIN - 7' X 19' HOLE
  - TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R905.3.5



- NOTES**
- TYPICAL ROOF GABLE OVERHANG TO BE 12' UNLESS OTHERWISE NOTED.
  - TYPICAL ROOF EAVES OVERHANG TO BE 12' UNLESS OTHERWISE NOTED.
  - PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
  - ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
  - TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BC91.1.
  - REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
  - TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R905.3.3. Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
  - OFF RIDGE VENTS MAXIMUM OPENING SIZES:
    - O-HAGIN - 1' X 19" HOLE
  - TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R905.3.5



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

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

**LOT: 0000, PARADISO GRANDE**

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**Park Square HOMES**

TRUSS LAYOUT

REEF  
 PARADISO GRANDE

REVISIONS	BY

DATE 04-08-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 4232  
 SHEET 11D.0  
 OF SHEETS





### ATTIC VENTILATION CALCULATIONS

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

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

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

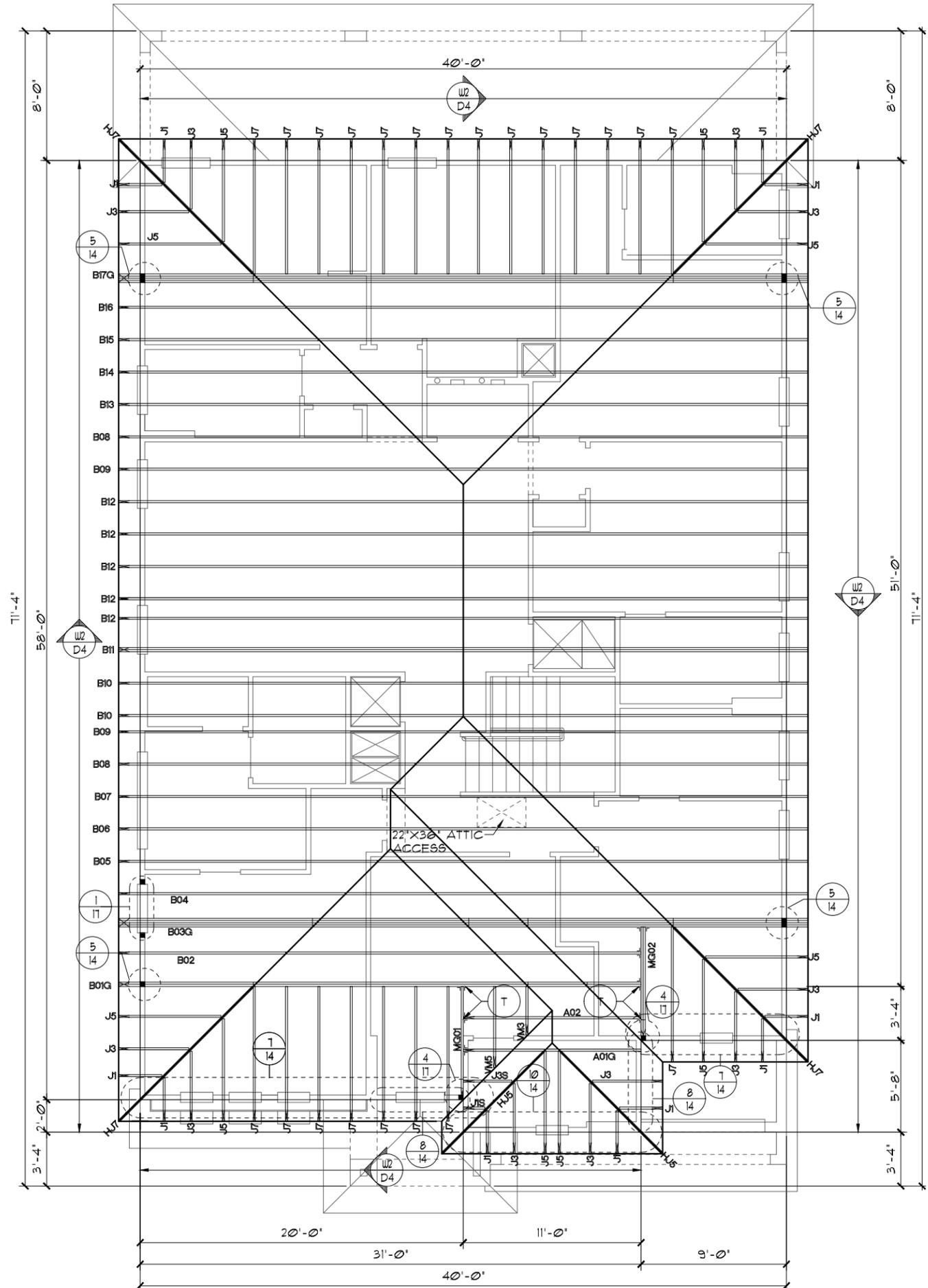
UPPER PORTION VENTILATION TOTAL:----- **3,88S.F.**  
 PROVIDED W/OFF RIDGE VENTS: **4** VENTS @ **97S.F.** /VENT.  
 (VENT TYPE: O'HAGIN MODEL 'S')

LOWER PORTION VENTILATION TOTAL:----- **17,4S.F.**  
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:  
 ( **200L.F.** @ **0,087S.F.** VENTING PER L.F.)

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

### NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE 12' UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE 12' UNLESS OTHERWISE NOTED.
- PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
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- TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/UTCA BC81 I.
- REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.3.3. Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6751 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
- OFF RIDGE VENTS MAXIMUM OPENING SIZES :
  - O-HAGIN - 1' X 19' HOLE
- TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R305.3.5



TRUSS LAYOUT "A"

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

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Park Square HOMES

TRUSS LAYOUT

REEF

PARADISO GRANDE

4232

DATE 04-08-21

SCALE AS NOTED

DRAWN RDC

JOB 4232

SHEET

12A.0

OF SHEETS

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

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### ATTIC VENTILATION CALCULATIONS

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

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

TOTAL VENTED SPACE:  $\frac{2,3878.F.}{300} = \frac{7,968.F.}{\text{REQUIRED}}$  NET FREE VENT.

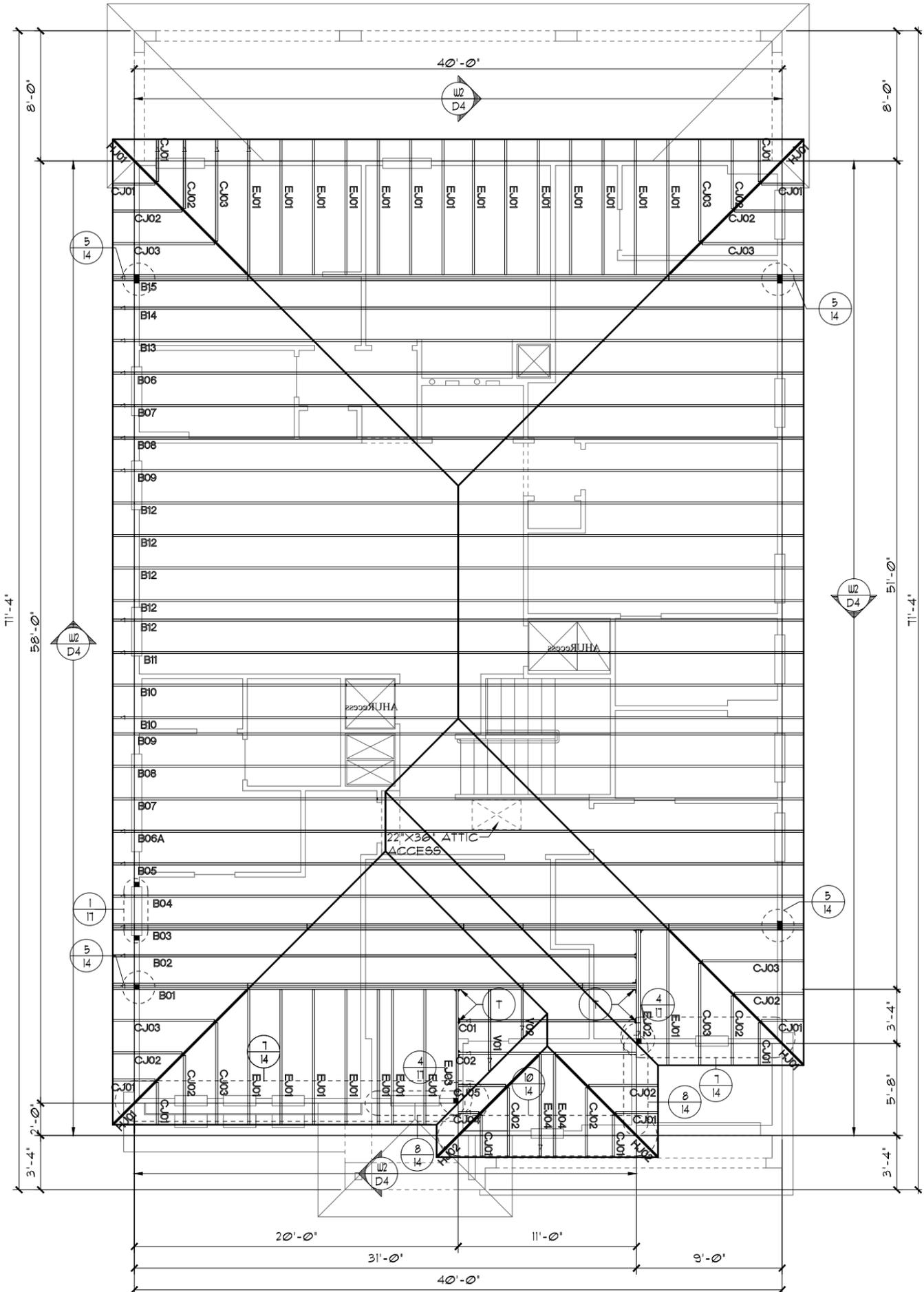
UPPER PORTION VENTILATION TOTAL:----- **3,885.F.**  
 PROVIDED W/OFF RIDGE VENTS: **4** VENTS @ **978.F.** /VENT.  
 (VENT TYPE: O'HAGIN MODEL 'S')

LOWER PORTION VENTILATION TOTAL:----- **17,45F.**  
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:  
 ( **200LF.** @ **0.0878F.** VENTING PER LF.)

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

### NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE 12' UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE 12' UNLESS OTHERWISE NOTED.
- PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
- 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.
- TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.3.3. Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6751 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
- OFF RIDGE VENTS MAXIMUM OPENING SIZES :
  - O-HAGIN - 1' X 19" HOLE
- TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R305.3.5



TRUSS LAYOUT "A"

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

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

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TRUSS LAYOUT

REFEER

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**Park Square HOMES**

4232

DATE 04-09-21  
 SCALE AS NOTED  
 DRAWN RDC  
 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 1/150 OF VENTED SPACE:

TOTAL VENTED SPACE:  $\frac{23875\text{F.}}{300} = 7965\text{F.}$  NET FREE REQUIRED

UPPER PORTION VENTILATION TOTAL: 3885F.  
 PROVIDED W/OFF RIDGE VENTS: 4 VENTS @ 975F. VENT.  
 (TILE: O'HAGIN MODEL 'S', SHINGLE: LOMANCO T10-D OR MILLENNIUM METAL)  
 LOWER PORTION VENTILATION TOTAL: 1743F.  
 PROVIDED W/SOFFITS @ EAVE: 200LF. @ 0.0875F VENTING/LF.

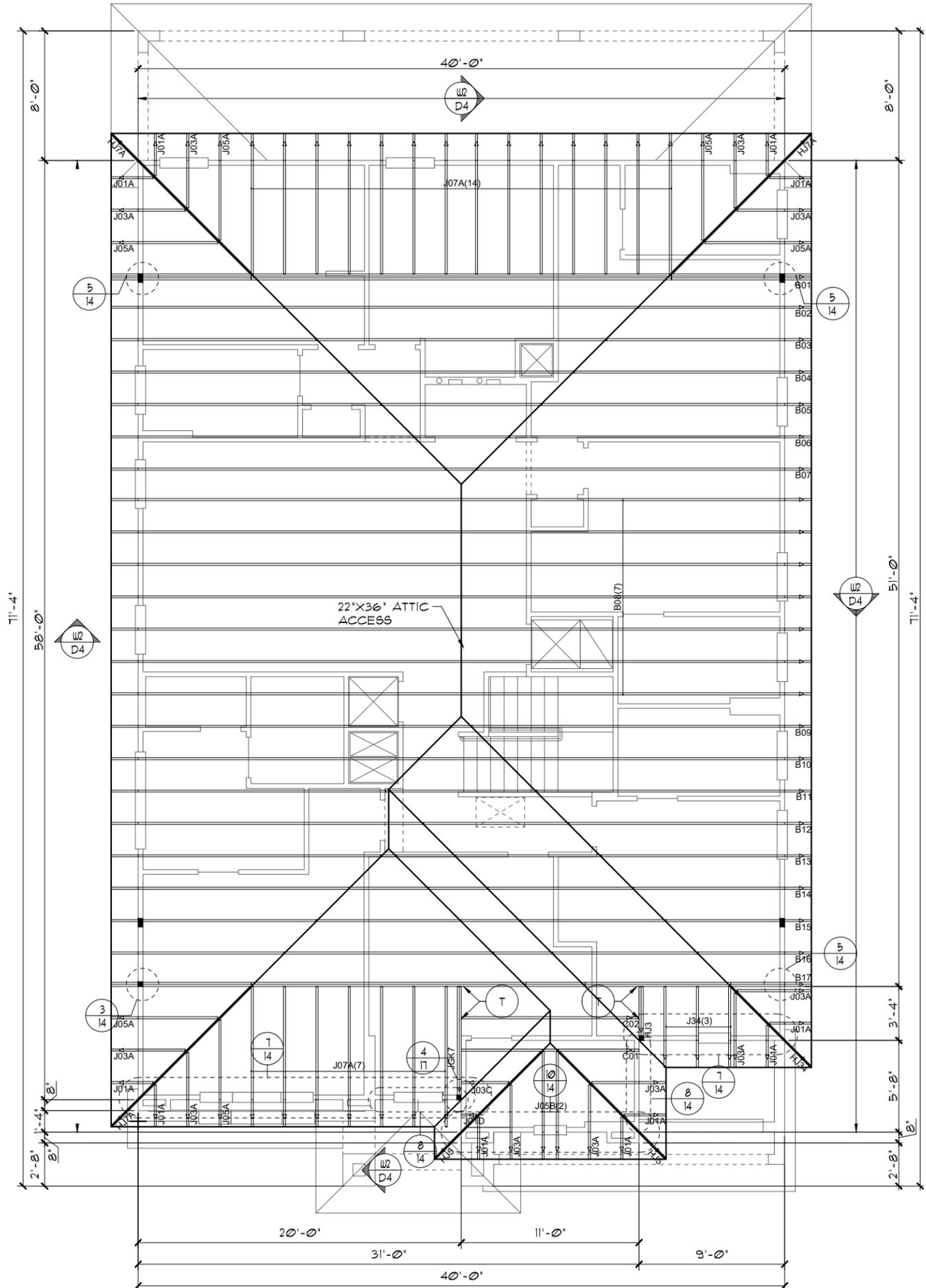
UPPER PORTION PERCENTAGE: 49%  
 LOWER PORTION PERCENTAGE: 51%

### NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE 8" UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE 20" UNLESS OTHERWISE NOTED.
- PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 11TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
- ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCS1 I.
- REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 11TH EDITION R305.1.1. Underlayment materials required to comply with ASTM D226, D1970, D4269 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) 9 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)



THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 2020 EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

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PARADISO GRANDE

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TRUSS LAYOUT

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



### ATTIC VENTILATION CALCULATIONS

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

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

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

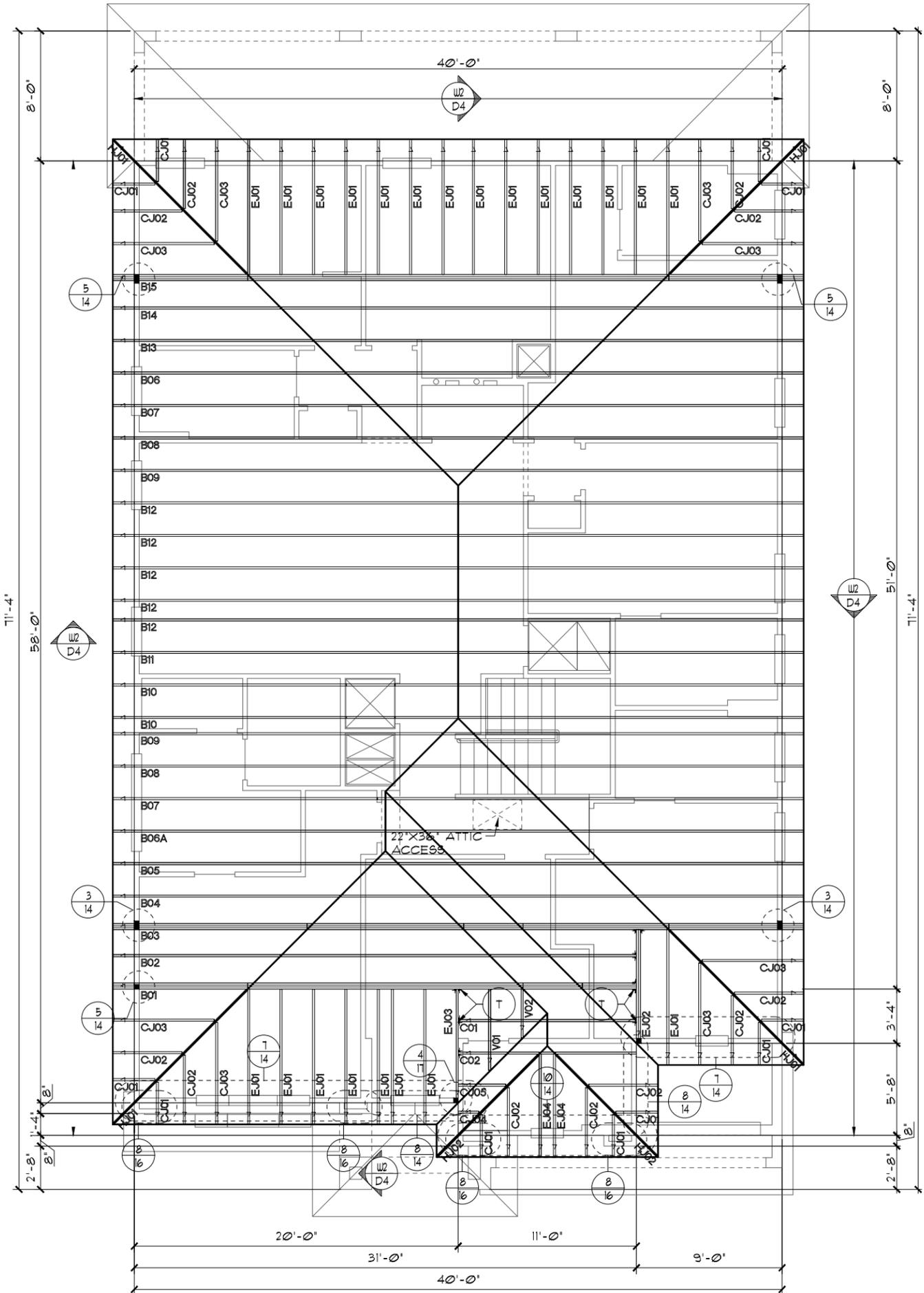
UPPER PORTION VENTILATION TOTAL:----- 3,88\text{S.F.}  
 PROVIDED W/OFF RIDGE VENTS: 4 VENTS @ 97\text{S.F.} /VENT.  
 (VENT TYPE: O'HAGIN MODEL 'S')

LOWER PORTION VENTILATION TOTAL:----- 1,74\text{S.F.}  
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:  
 ( 200\text{L.F.} @ 0,087\text{S.F.} VENTING PER L.F.)

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

### NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE 12' UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE 12' UNLESS OTHERWISE NOTED.
- PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
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- TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.3.3. Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6751 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
- OFF RIDGE VENTS MAXIMUM OPENING SIZES :
  - O-HAGIN - 1' X 19" HOLE
- TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R305.3.5



TRUSS LAYOUT "B"

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

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

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PARADISO GRANDE

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

UPPER PORTION VENTILATION TOTAL: **3,88\text{S.F.}**  
 PROVIDED W/OFF RIDGE VENTS: **4 VENTS @ 97\text{S.F. /VENT.}**  
 (TILE: O'HAGIN MODEL 'S', SHINGLE: LOMANCO T10-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: **17.4\text{S.F.}**  
 PROVIDED W/SOFFITS @ EAVE: **200\text{L.F. @ 0.087\text{S.F. VENTING/L.F.}}**

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

**NOTES**

1. TYPICAL ROOF GABLE OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 11TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BC61 I.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.

7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 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

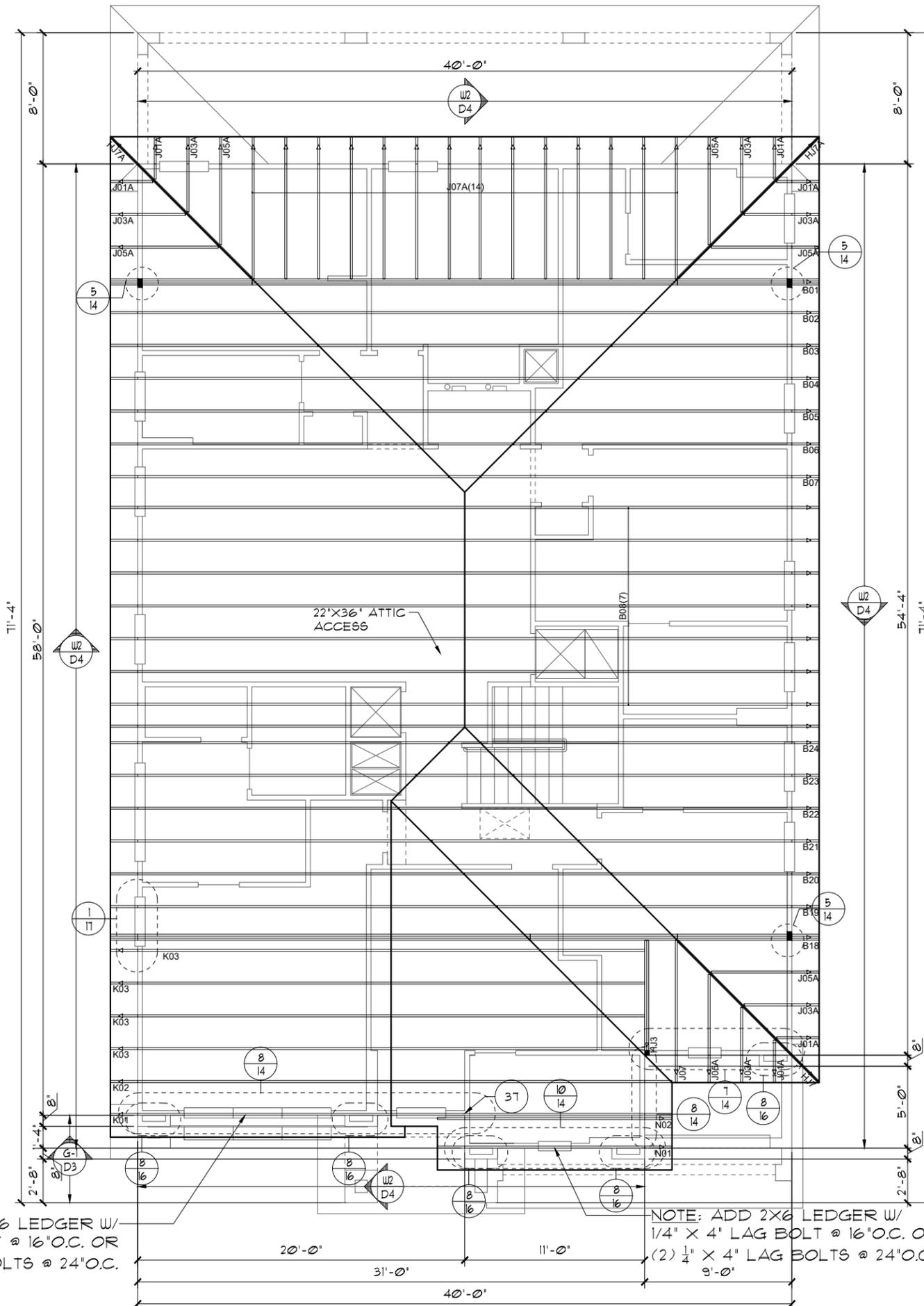
9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 11TH EDITION ASTM C1492-R305.3.5

**TRUSS LAYOUT "C"**

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

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.



THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 2018 EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

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TRUSS LAYOUT

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

HTEG  
 THOMPSON ENGINEERING GROUP, INC.  
 3845 AS ORLANDO, FL 32811  
 Ph: (407) 724-1450  
 Fax: (407) 724-1770  
 www.teg.com

REVISIONS	BY

4232  
 DATE 04-08-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 4232  
 SHEET  
**12C.0**  
 OF SHEETS

### ATTIC VENTILATION CALCULATIONS

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

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

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

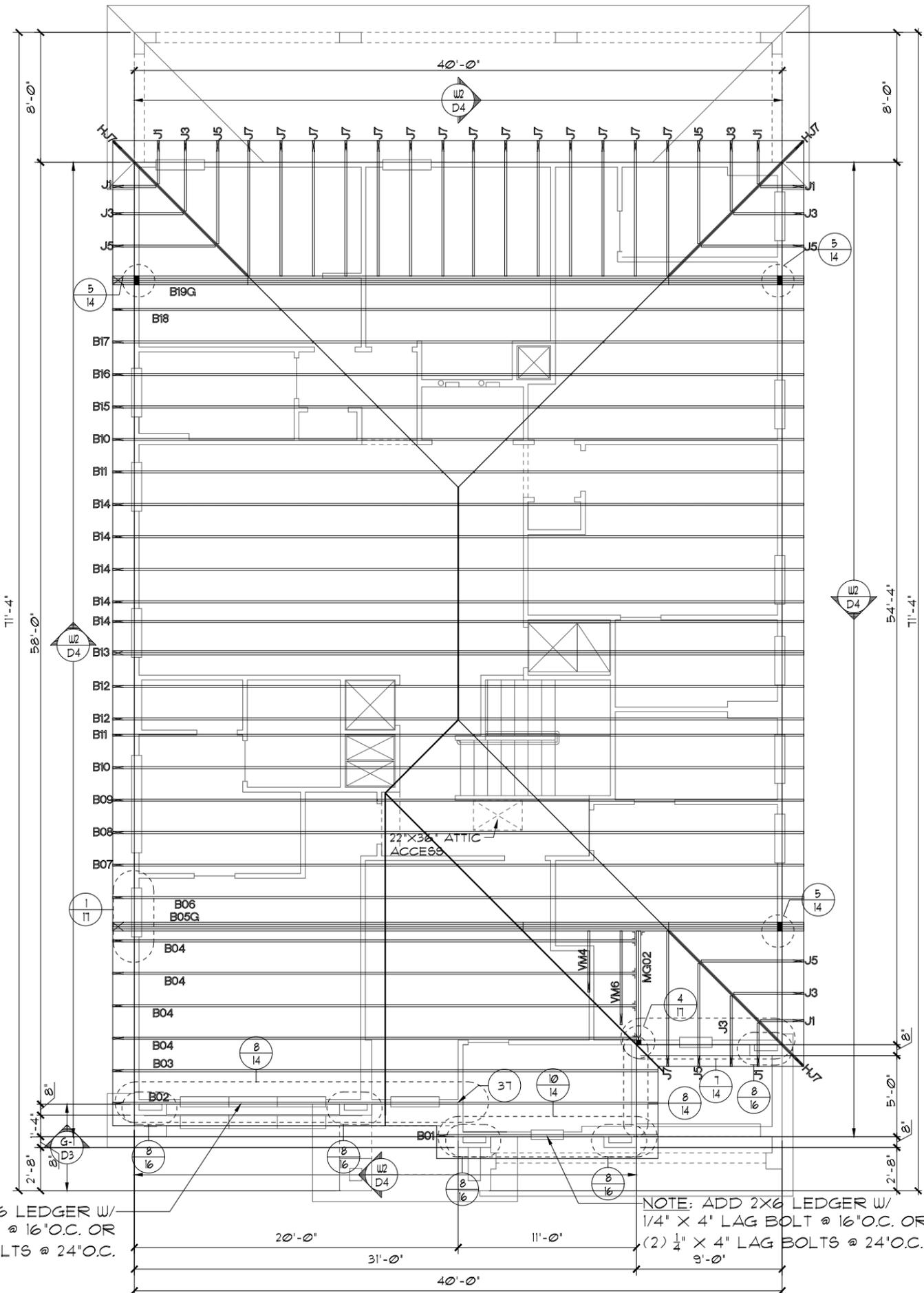
UPPER PORTION VENTILATION TOTAL:----- **3.88S.F.**  
 PROVIDED W/OFF RIDGE VENTS: **4** VENTS @ **97S.F.** /VENT.  
 (VENT TYPE: O'HAGIN MODEL 'S')

LOWER PORTION VENTILATION TOTAL:----- **17.4S.F.**  
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:  
 ( **200L.F.** @ **0.087S.F.** VENTING PER L.F.)

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

### NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
- ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/UTCA BC81 I.
- REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.3.3. Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6751 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
- OFF RIDGE VENTS MAXIMUM OPENING SIZES :
  - O-HAGIN - 1' X 19" HOLE
- TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R305.3.5



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)

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

LOT: 0000, PARADISO GRANDE

REF: REEF

DATE 04-08-21

SCALE AS NOTED

DRAWN RDC

JOB 4232

SHEET 12C.0

OF SHEETS

PARADISO GRANDE

TRUSS LAYOUT

PARADISO GRANDE

4232

DATE 04-08-21

SCALE AS NOTED

DRAWN RDC

JOB 4232

SHEET 12C.0

OF SHEETS

REVISIONS

NO.	DESCRIPTION	DATE	BY

**ITEG**

THOMPSON ENGINEERING GROUP, INC.

5200 Vineland Road, Suite 200

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Phone: (407) 734-1778

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**Park Square HOMES**

A DIVISION OF PARK SQUARE ENTERPRISES, INC.

5200 Vineland Road, Suite 200

Orlando, Florida 32811

Phone: (407) 529 - 3000

### ATTIC VENTILATION CALCULATIONS

PER FBC2023 8TH EDITION R806: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

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

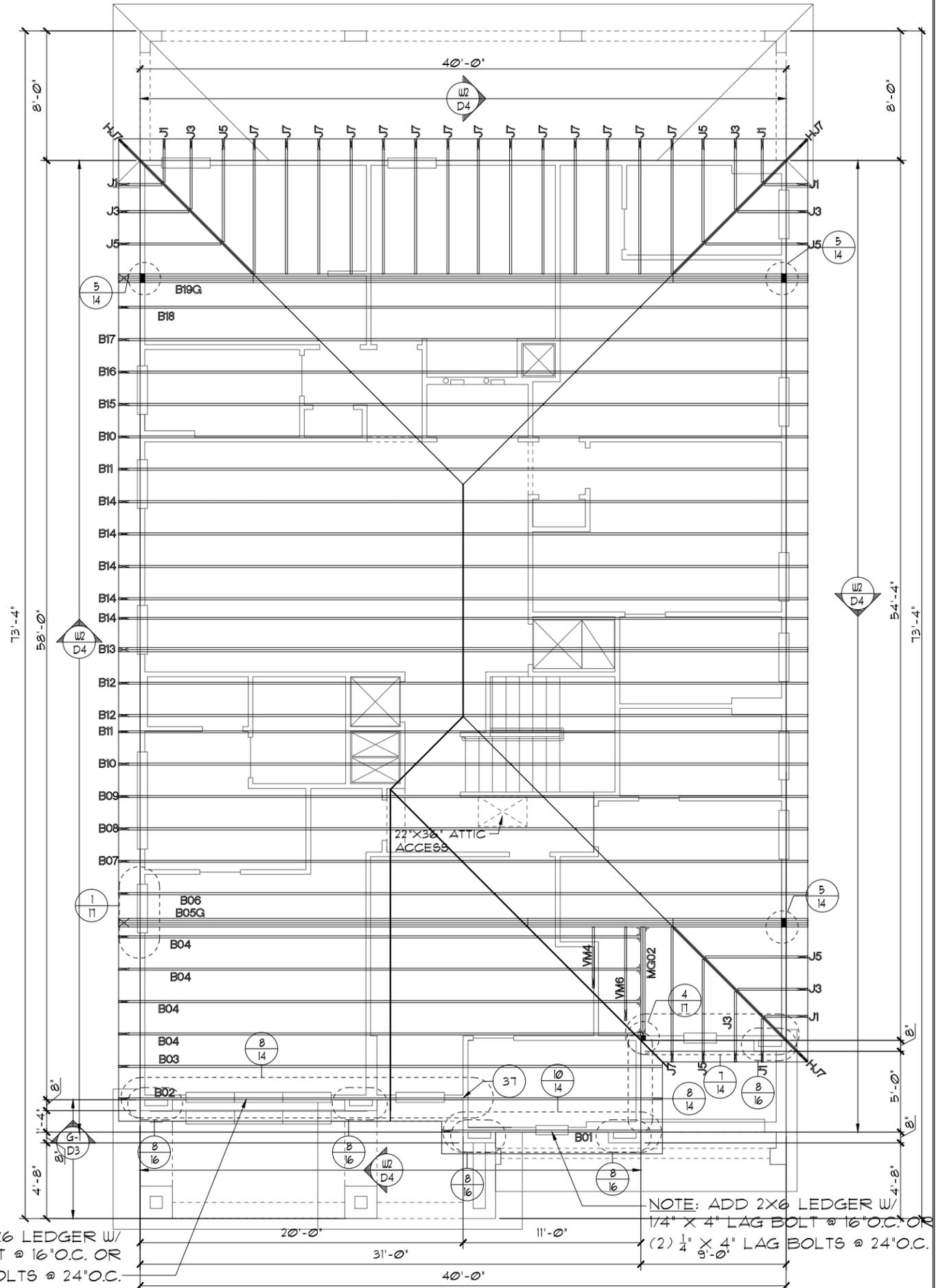
UPPER PORTION VENTILATION TOTAL:----- **3,88S.F.**  
 PROVIDED W/OFF RIDGE VENTS: **4** VENTS @ **97S.F.** /VENT.  
 (VENT TYPE: O'HAGIN MODEL 'S')

LOWER PORTION VENTILATION TOTAL:----- **17.4S.F.**  
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:  
 ( **200L.F.** @ **0.087S.F.** VENTING PER L.F.)

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

### NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
- ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/UTCA BC81 I.
- REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R905.3.3. Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6751 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
- OFF RIDGE VENTS MAXIMUM OPENING SIZES :
  - O-HAGIN - 1' X 19" HOLE
- TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R905.3.5



TRUSS LAYOUT "D"

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.

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

A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529-3000	THOMPSON ENGINEERING GROUP, INC. 3845 AS ORLANDO, FL 32811 PH: (407) 724-1450 FAX: (407) 724-1778 WWW.TEG.COM
TRUSS LAYOUT	REVISIONS BY
4232	DATE 04-08-21
SCALE AS NOTED	DRAWN RDC
JOB 4232	SHEET 12D.0
OF SHEETS	OF SHEETS

### ATTIC VENTILATION CALCULATIONS

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

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

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

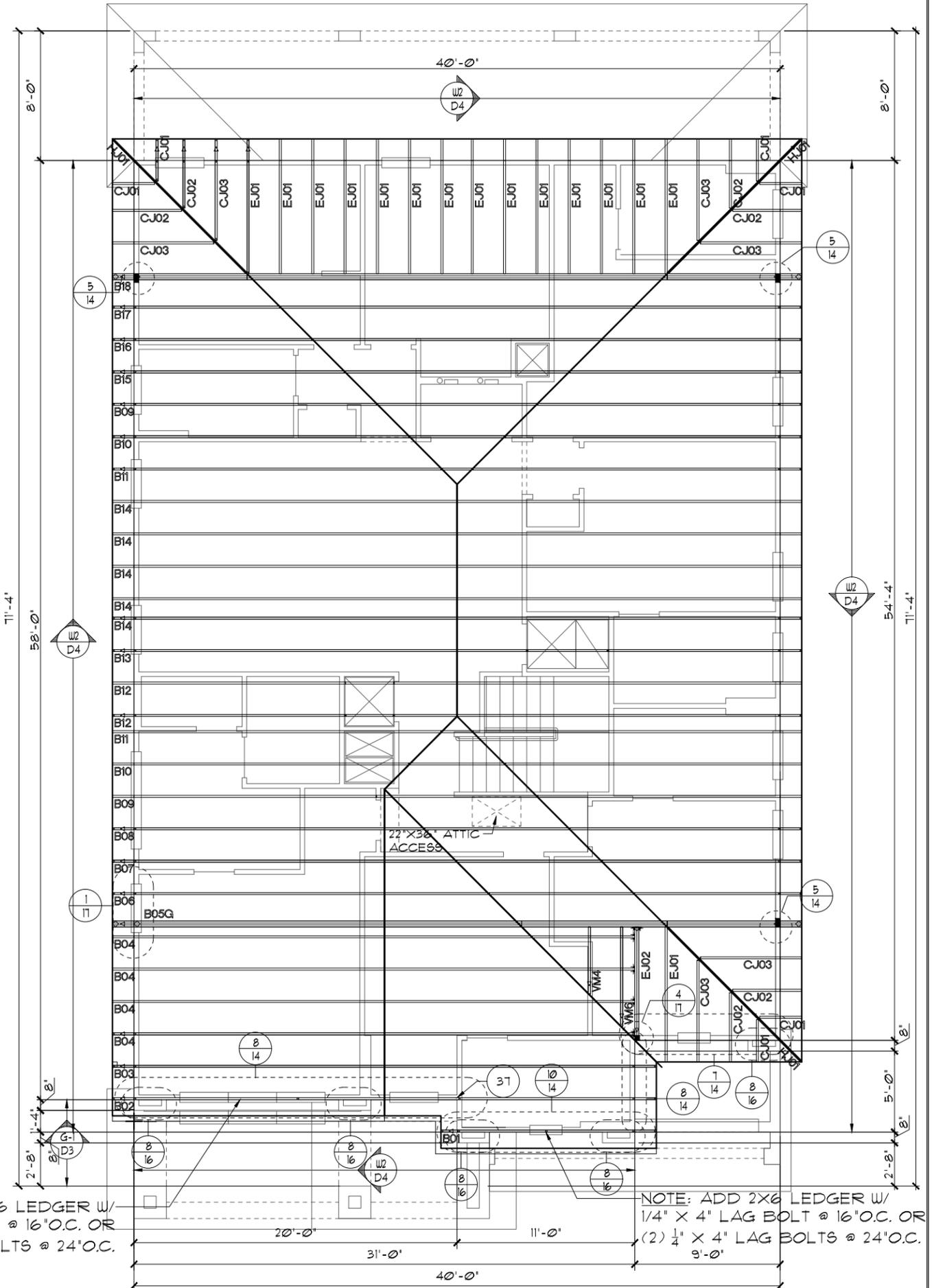
UPPER PORTION VENTILATION TOTAL:----- **3,88\text{S.F.}**  
 PROVIDED W/OFF RIDGE VENTS: **4** VENTS @ **97\text{S.F.}** /VENT.  
 (VENT TYPE: O'HAGIN MODEL 'S')

LOWER PORTION VENTILATION TOTAL:----- **17.4\text{S.F.}**  
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:  
 ( **200\text{L.F.}** @ **0.087\text{S.F.}** VENTING PER L.F.)

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

### NOTES

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- TYPICAL ROOF EAVES OVERHANG TO BE 12' UNLESS OTHERWISE NOTED.
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- REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.3.3. Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6751 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
- OFF RIDGE VENTS MAXIMUM OPENING SIZES :
  - O-HAGIN - 1' X 19" HOLE
- TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R305.3.5



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 "D"

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

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

LOI: 0000, PARADISO GRANDE REEF PARADISO GRANDE

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

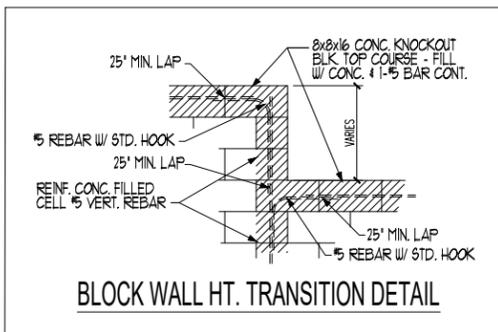
**4232**  
 DATE 04-09-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 4232  
 SHEET 12D.0  
 OF SHEETS OF

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

**ITEG**  
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 Fax: (407) 724-1778  
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**Park Square HOMES**  
 TRUSS LAYOUT

REEF  
 PARADISO GRANDE



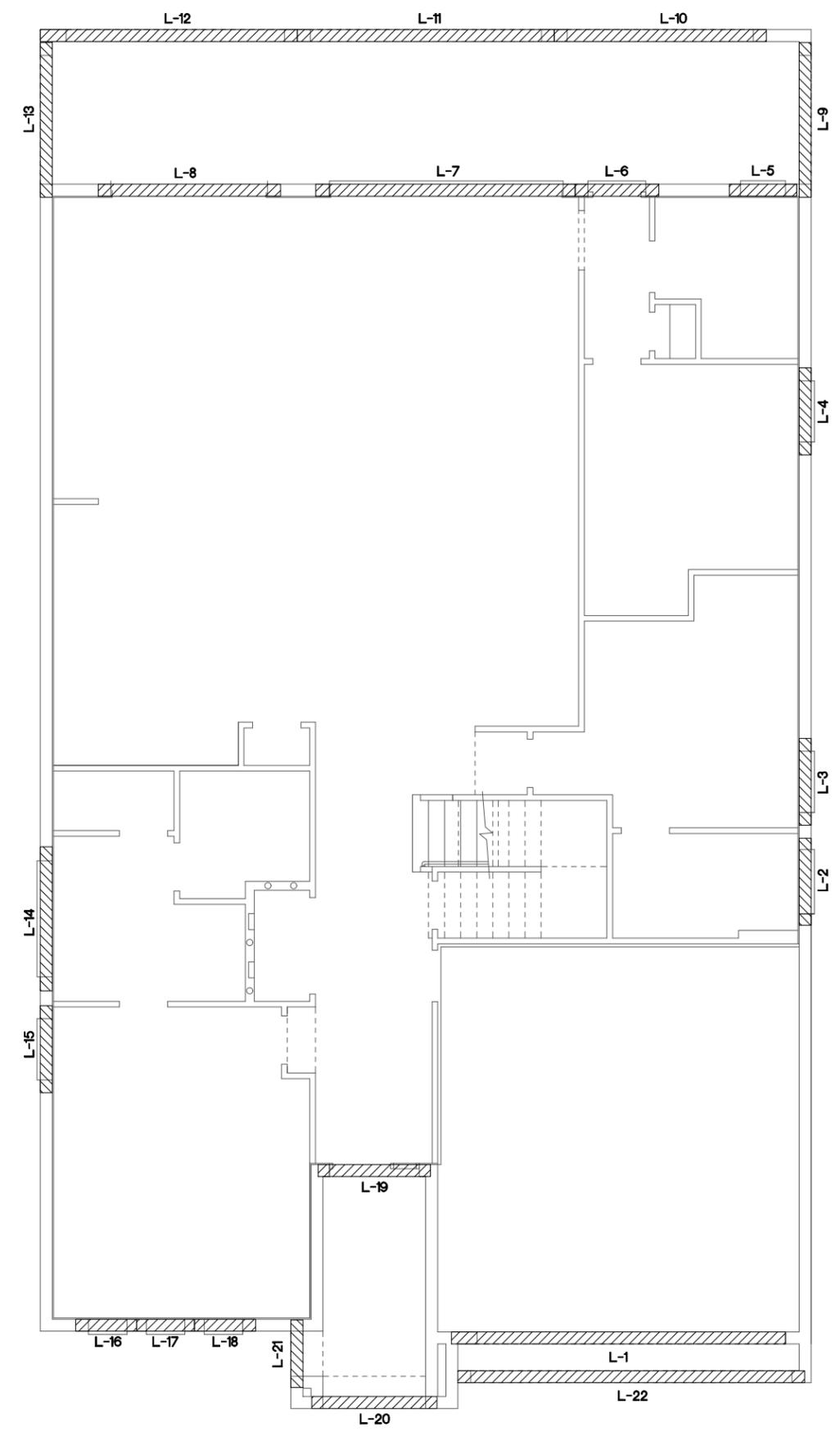
BLOCK WALL HT. TRANSITION DETAIL

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

LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	11'-4"	8F30-1B/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)



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

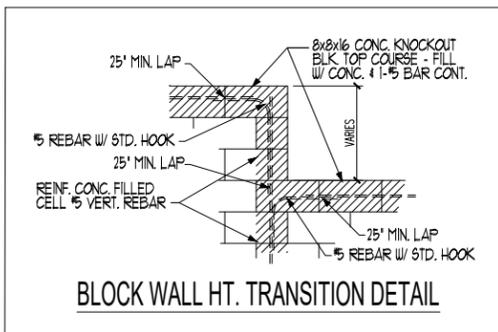
LOI: 0000, PARADISO GRANDE  
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REF	PARADISO GRANDE
4232	DATE 04-09-21
	SCALE AS NOTED
	DRAWN RDC
	JOB 4232
	SHEET 13A.0
	OF SHEETS

A DIVISION OF PARK SQUARE ENTERPRISES, INC.  
 5200 Vineland Road, Suite 200  
 Orlando, Florida 32811  
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**ITEG**  
 THOMPSON ENGINEERING GROUP, INC.  
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PARADISO GRANDE  
 REVISIONS BY



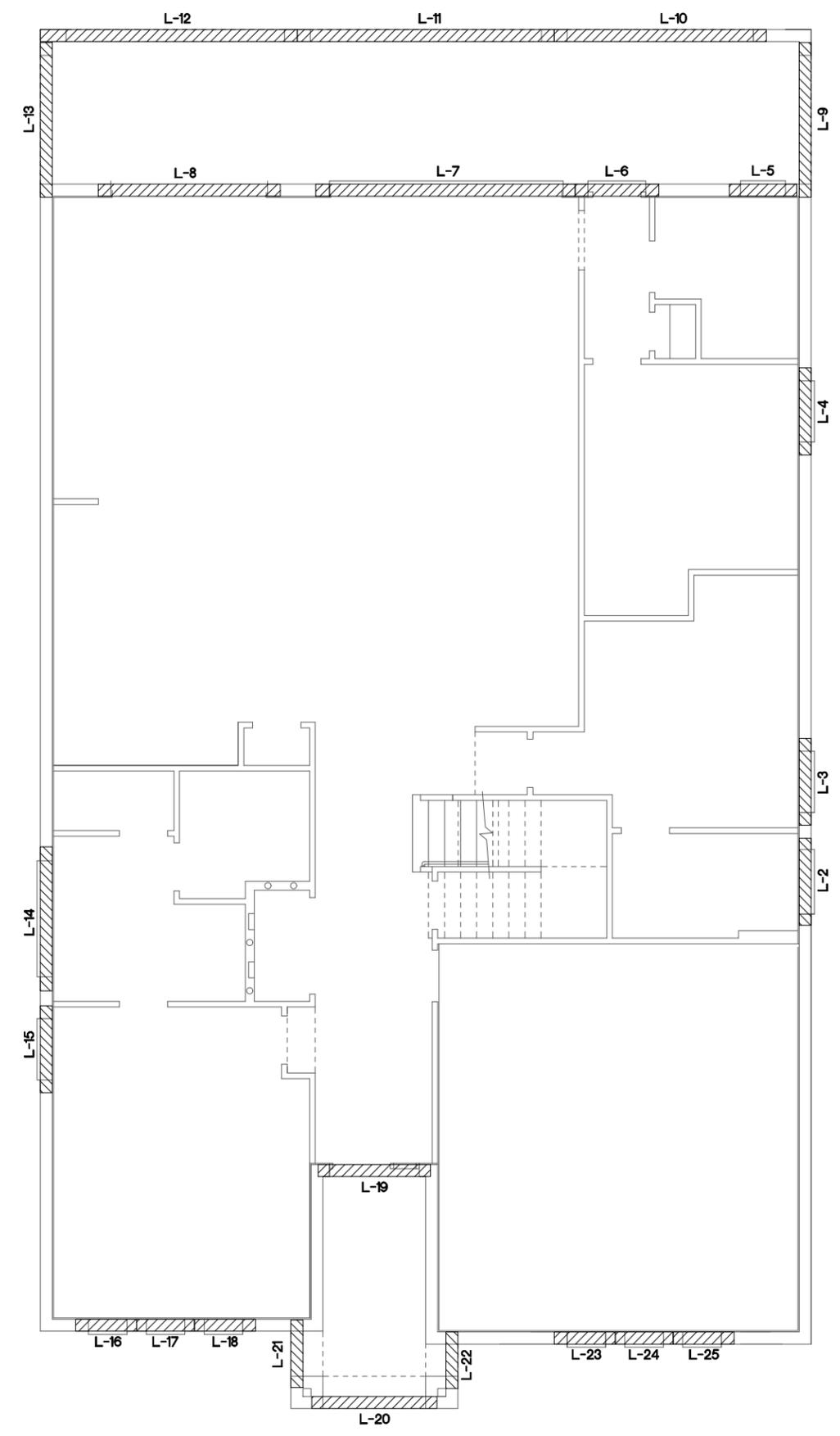
BLOCK WALL HT. TRANSITION DETAIL

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

LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	11'-4"	8F30-1B/1T	GARAGE DOOR
L 2	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'-0"	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'-0"	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	3'-0"	8F16-0B/1T	FRONT ENTRY
L 23	3'-0"	8F24-0B/1T	3/0X5/0 CLR F.G.
L 24	3'-0"	8F24-0B/1T	3/0X5/0 CLR F.G.
L 25	3'-0"	8F24-0B/1T	3/0X5/0 CLR F.G.
L 26			
L 27			

PRE CAST LINTEL LAYOUT "A"

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



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

LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

REFEED  
PARADISO GRANDE

4232

DATE 04-09-21  
SCALE AS NOTED  
DRAWN RDC  
JOB 4232  
SHEET 13A.1  
OF SHEETS

PRE CAST LINTEL LAYOUT

Park Square HOMES

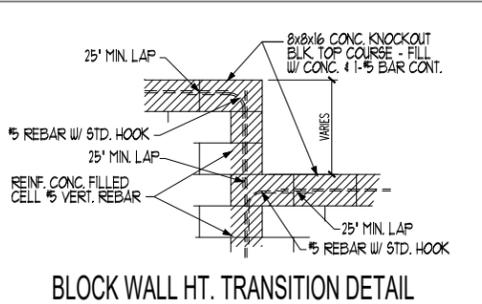
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5200 Vineland Road, Suite 200  
Orlando, Florida 32811  
Phone: (407) 529 - 3000

REVISIONS

NO.	DESCRIPTION	DATE	BY

ITEG  
THOMPSON ENGINEERING GROUP, INC.  
3345 S.W. 15th Street, Suite 405, Ft. Lauderdale, FL 33311  
Tel: (407) 754-1450  
Fax: (407) 754-1750  
www.iteg.com

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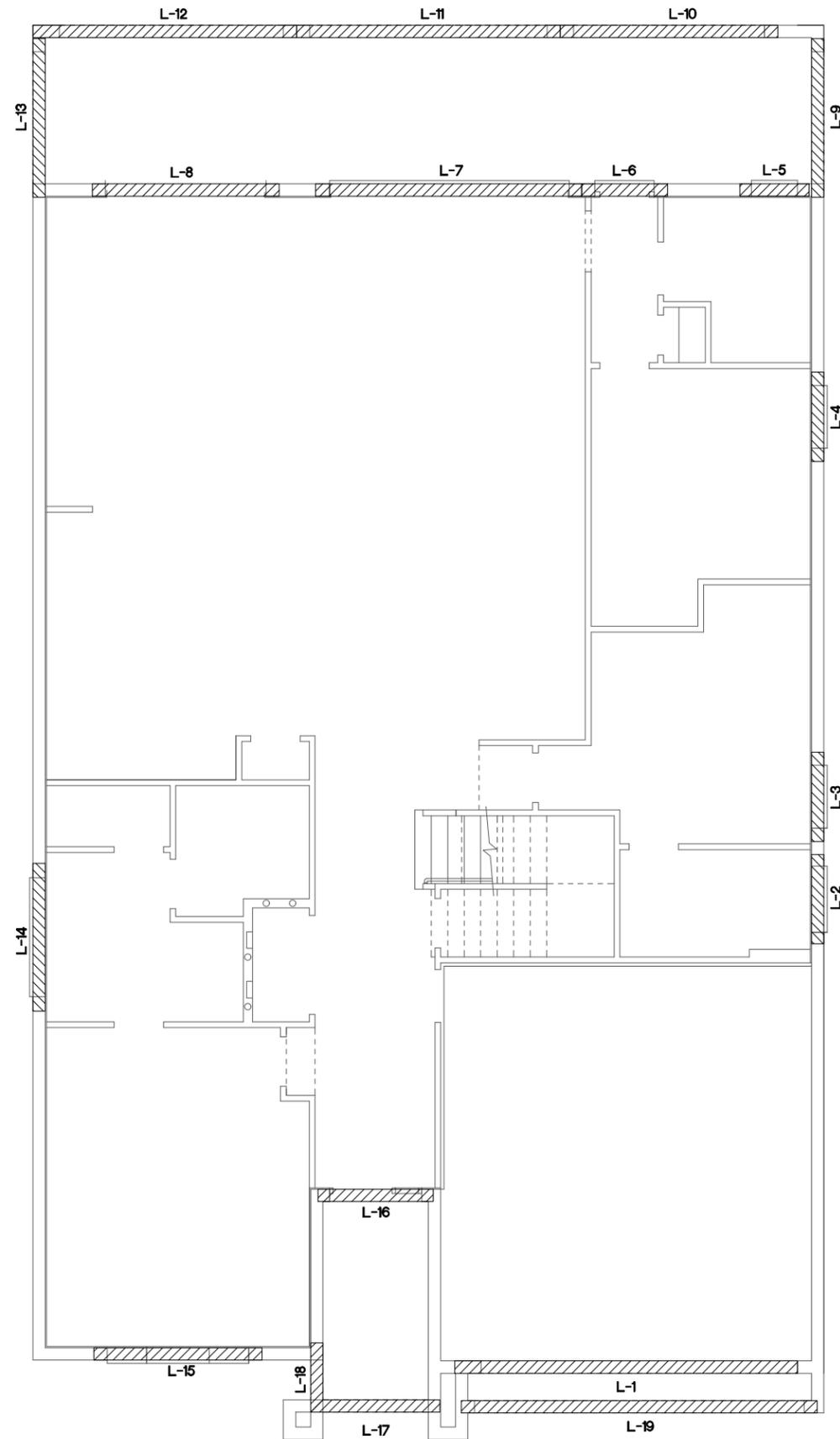
BLOCK WALL HT. TRANSITION DETAIL

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

LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	11'-4"	8F30-1B/1T	GARAGE DOOR
L 2	4'-6"	8F24-0B/1T	3/4X1/0 F.G.
L 3	4'-6"	8F24-0B/1T	S425
L 4	4'-4"	8F24-0B/1T	S425
L 5	3'-6"	8F24-0B/1T	S41H3
L 6	4'-4"	8RF20-0B/1T	POOL B.A. 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	8'-8"	8F24-0B/1T	S425, (2) 2/0X5/0 CLR. F.G.
L 16	5'-10"	8RF20-0B/1T	FRONT DOOR
L 17	6'-6"	8F8-0B/1T	FRONT ENTRY
L 18	3'-6"	8F8-0B/1T	FRONT ENTRY
L 19	19'-4"	8F24-0B/1T	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)



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

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DATE	04-09-21
SCALE	AS NOTED
DRAWN	RDC
JOB	4232
SHEET	13B.0
OF SHEETS	

PRE CAST LINTEL LAYOUT

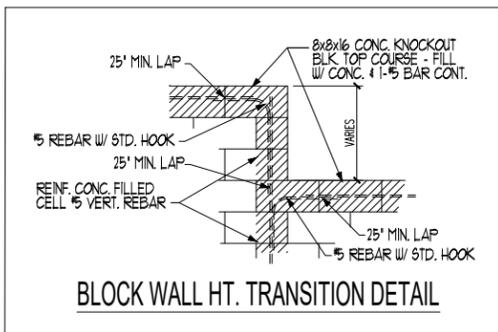
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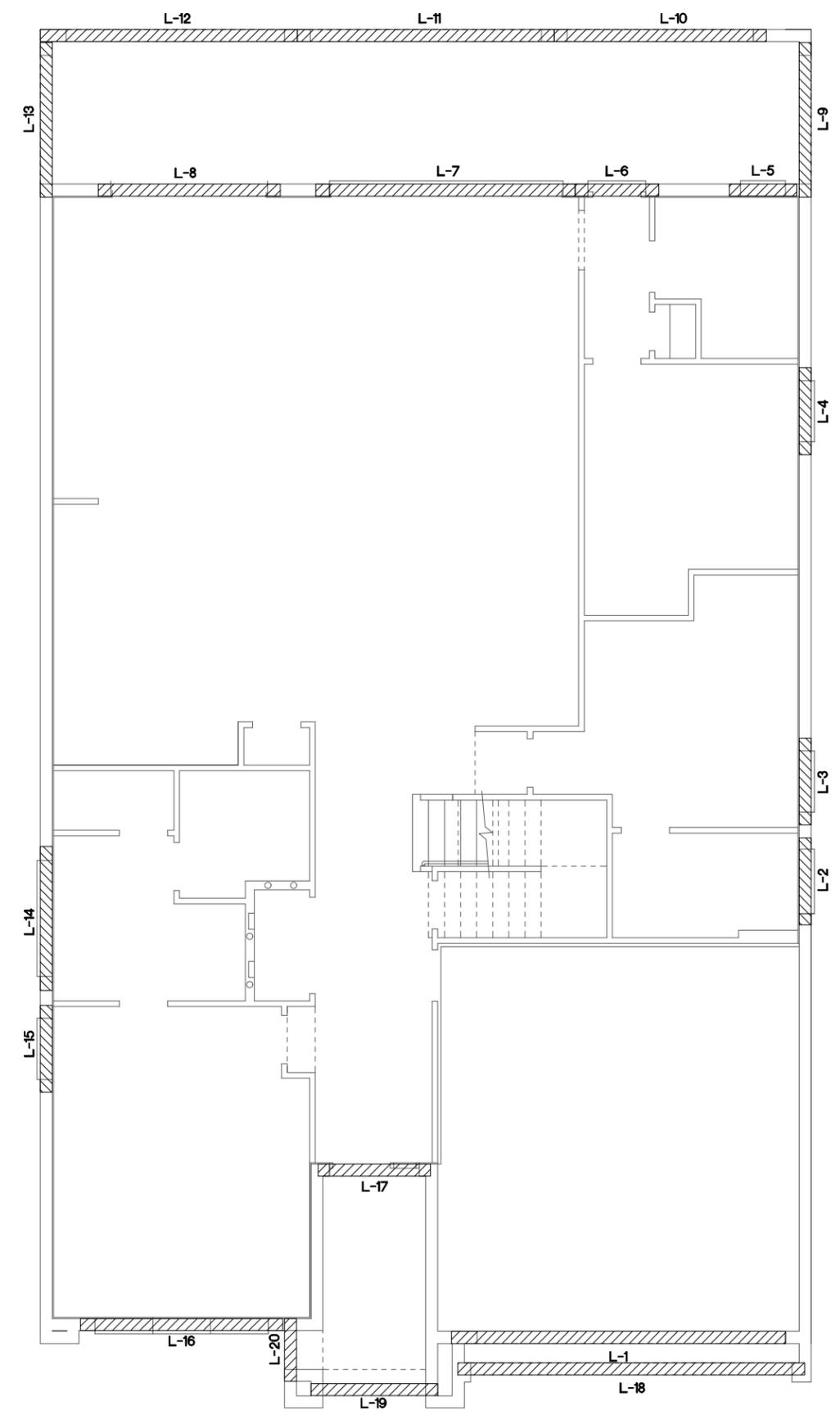




CAST CRETE / LOTT'S  
/ WEKIWA / FLORIDA ROCK  
LINTEL SCHEDULE

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'-6"	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	10'-6"	8F24-0B/1T	(3) 3/0X5/0 CLR. F.G.
L 17	5'-10"	8RF20-0B/1T	FRONT DOOR
L 18	19'-4"	8F24-0B/1T	GARAGE ENTRY
L 19	6'-6"	8F8-0B/1T	FRONT ENTRY
L 20	3'-6"	8F8-0B/1T	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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<p><b>REEF</b></p> <p style="font-size: 2em; font-weight: bold;">4232</p> <p>DATE 04-09-21</p> <p>SCALE AS NOTED</p> <p>DRAWN RDC</p> <p>JOB 4232</p> <p>SHEET</p> <p style="font-size: 2em; font-weight: bold;">13C.0</p> <p>OF SHEETS</p>	<p><b>PARADISO GRANDE</b></p>
---	-------------------------------

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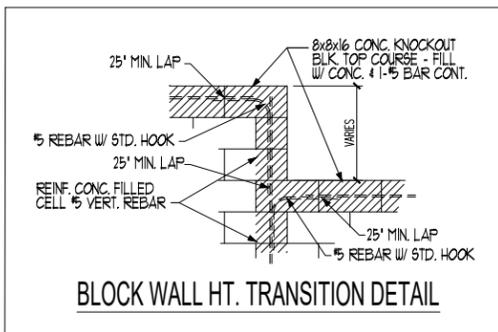
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PRE CAST LINTEL LAYOUT

**PARADISO GRANDE**

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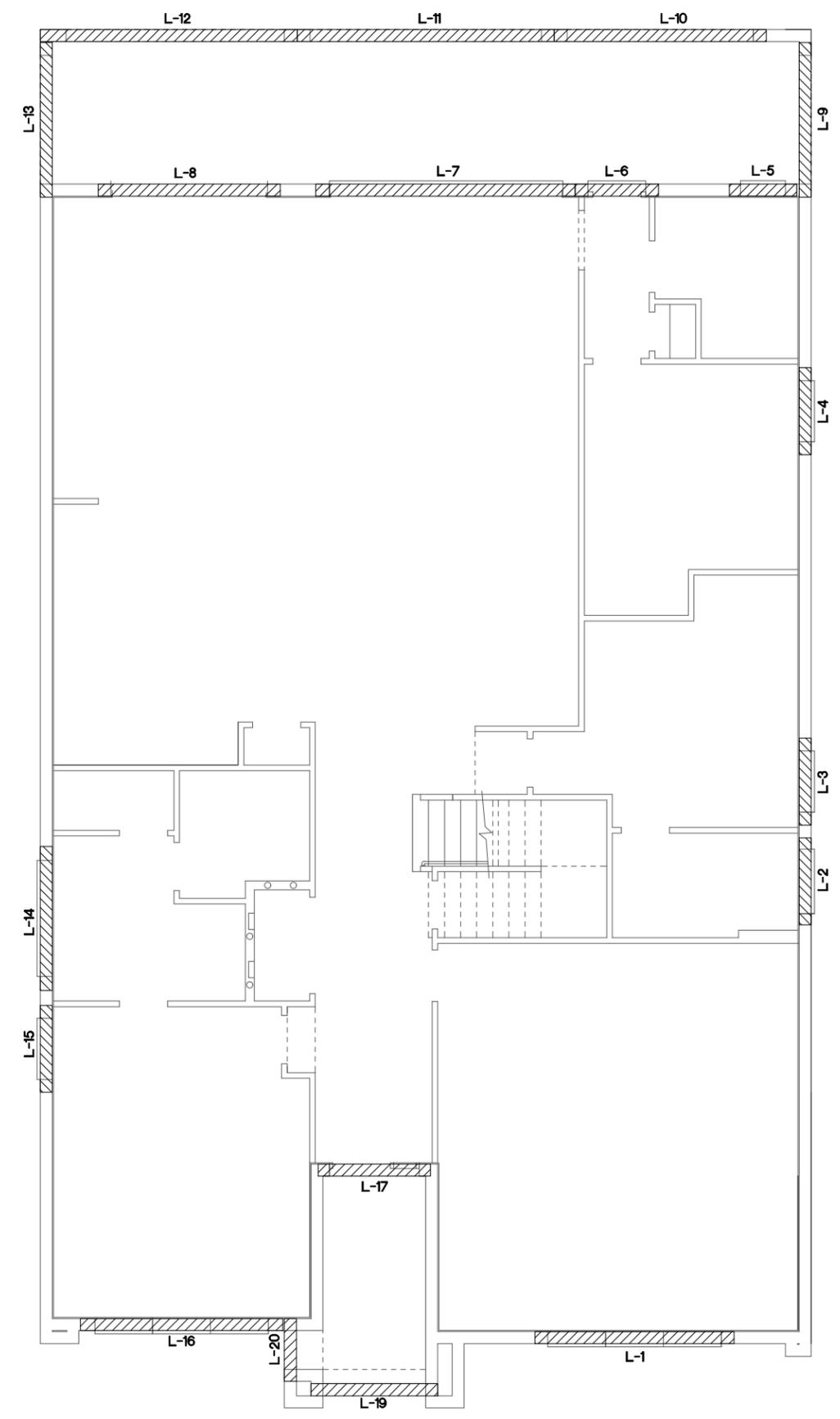
BLOCK WALL HT. TRANSITION DETAIL

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

LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	10'-6"	8F24-0B/1T	(3) 3/0X5/0 CLR. F.G.
L 2	4'-6"	8F24-0B/1T	3/4X1/0 F.G.
L 3	4'-6"	8F24-0B/1T	S425
L 4	4'-6"	8F24-0B/1T	S425
L 5	3'-6"	8F24-0B/1T	S41H3
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	S425
L 16	10'-6"	8F24-0B/1T	(3) 3/0X5/0 CLR. F.G.
L 17	5'-10"	8RF20-0B/1T	FRONT DOOR
L 18	19'-4"	8F24-0B/1T	GARAGE ENTRY
L 19	6'-6"	8F8-0B/1T	FRONT ENTRY
L 20	3'-6"	8F8-0B/1T	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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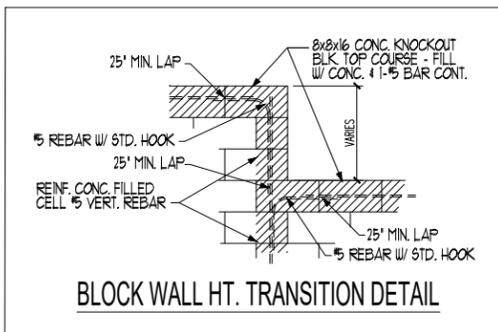
4232  
 DATE 04-09-21  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 4232  
 SHEET 13C.1  
 OF SHEETS

REEF  
 PARADISO GRANDE

PRE CAST LINTEL LAYOUT

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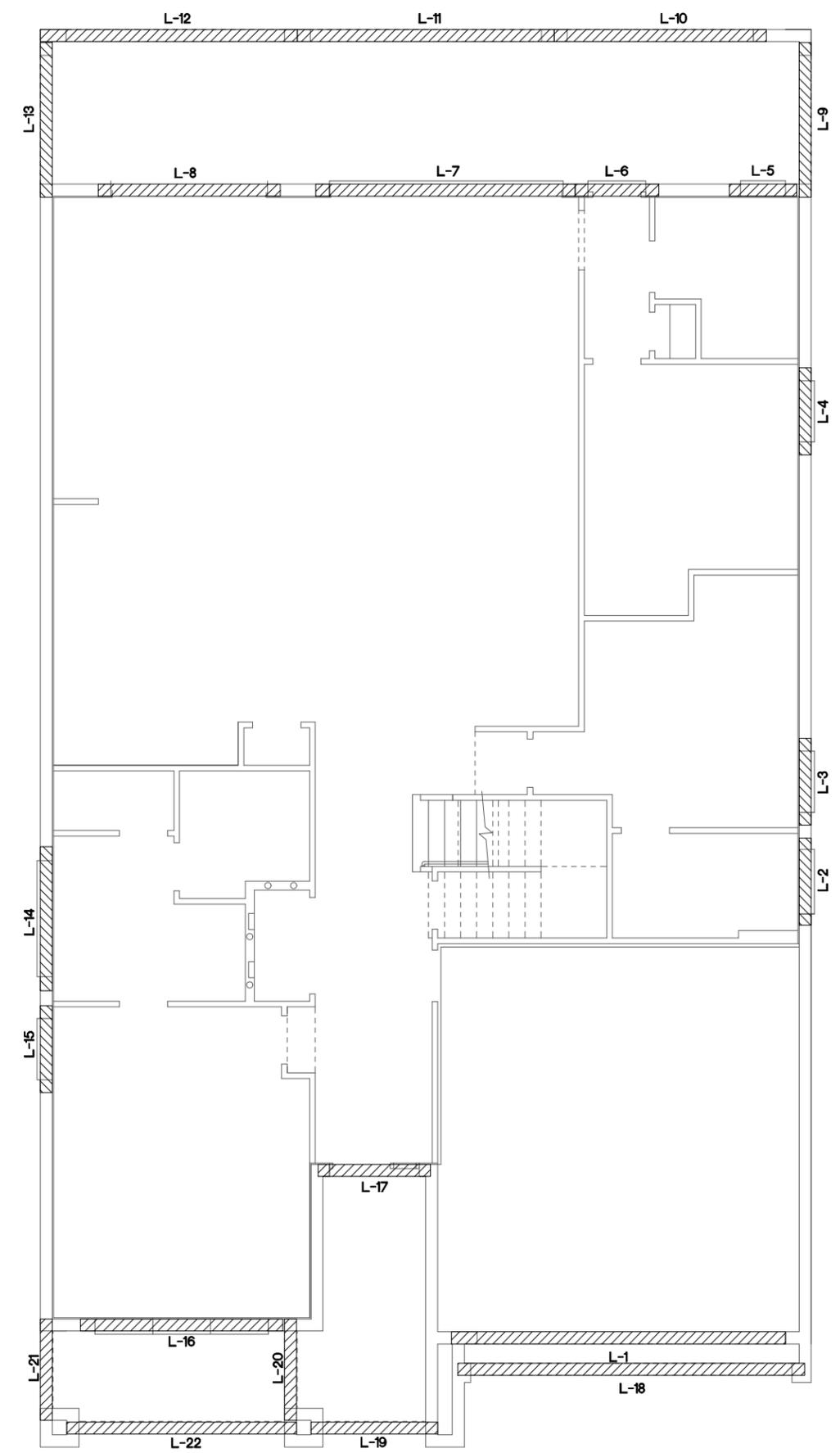
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BLOCK WALL HT. TRANSITION DETAIL

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

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



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

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REF	PARADISO GRANDE
DATE	04-09-21
SCALE	AS NOTED
DRAWN	RDC
JOB	4232
SHEET	13D.0
OF	SHEETS

4232

PARADISO GRANDE

PRE CAST LINTEL LAYOUT

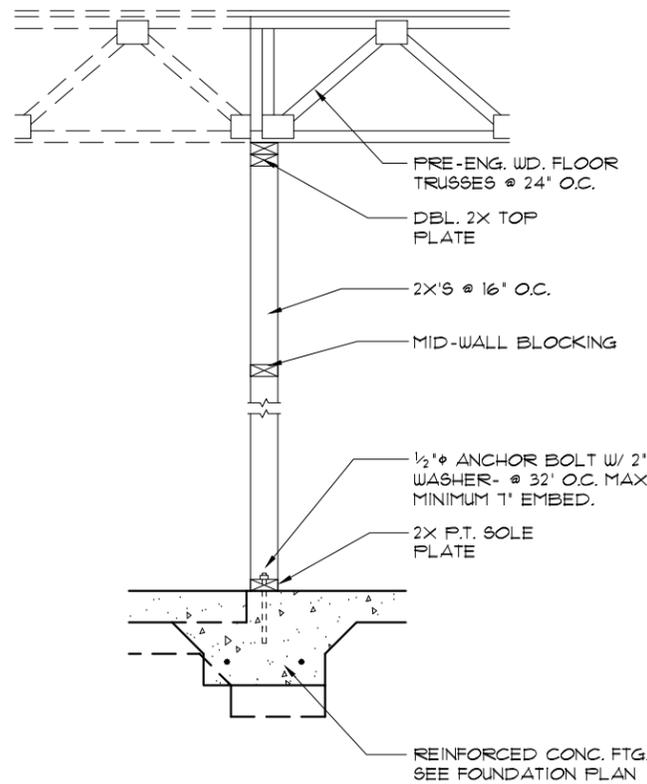
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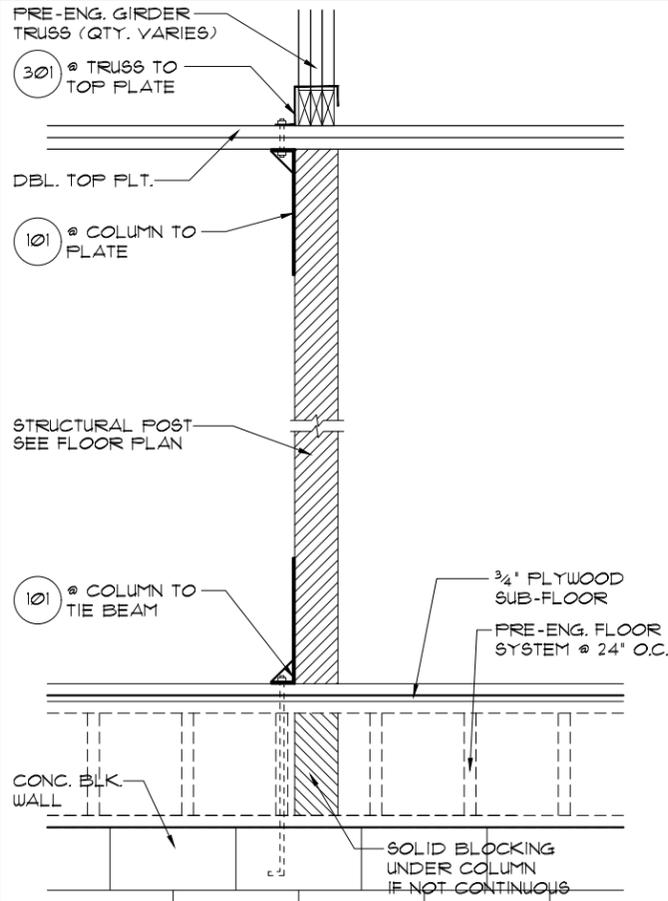
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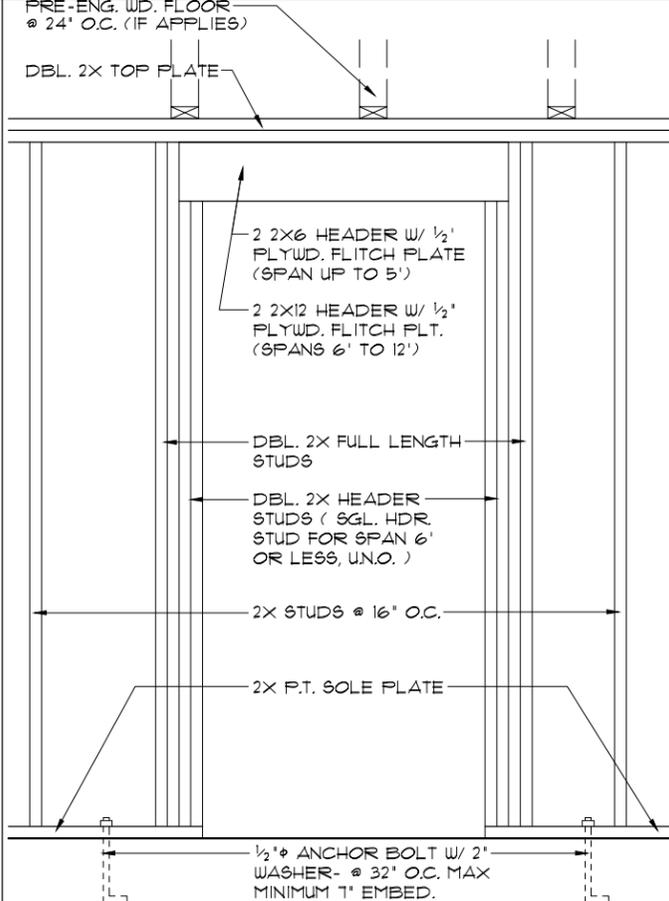
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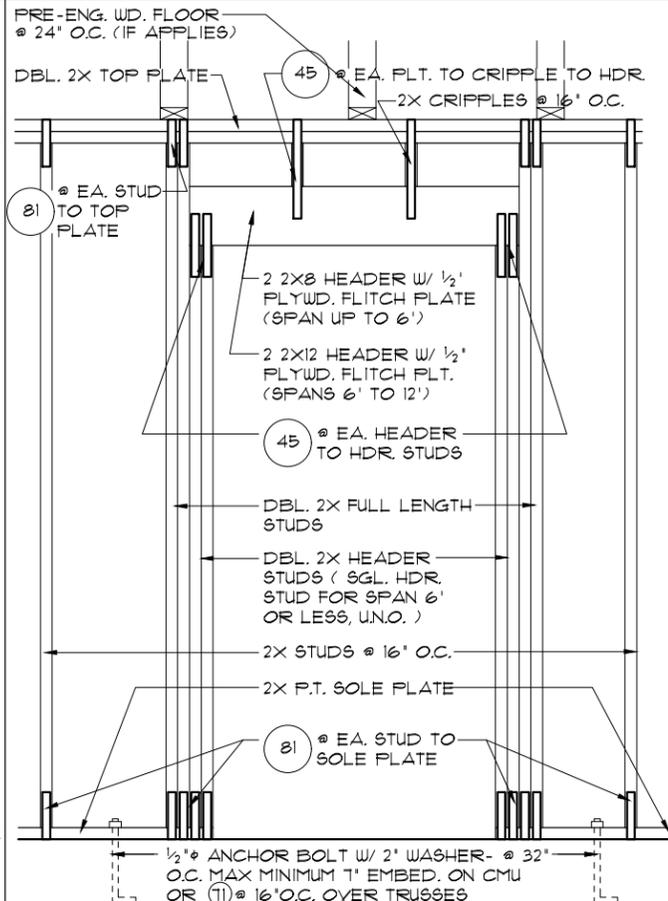
**4** DETAIL  
14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



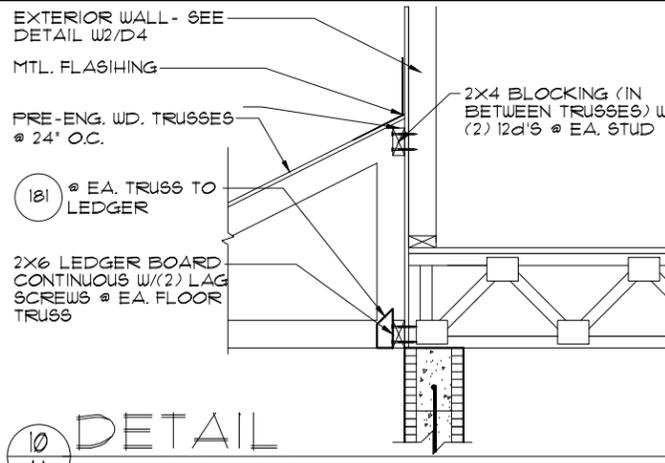
**3** DETAIL  
14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



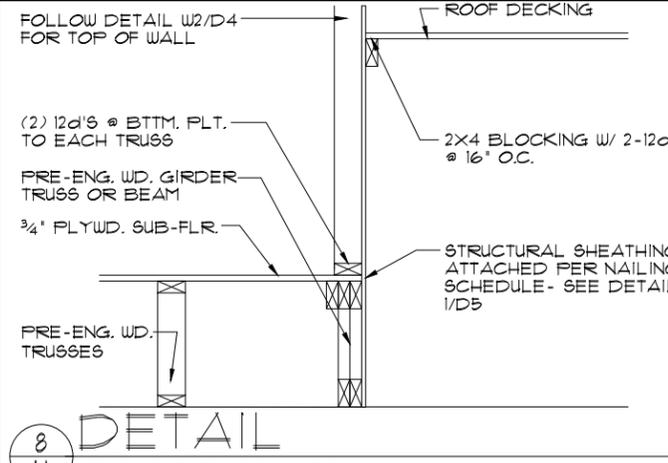
**2** DETAIL (BRG. W/O UPLIFT)  
14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



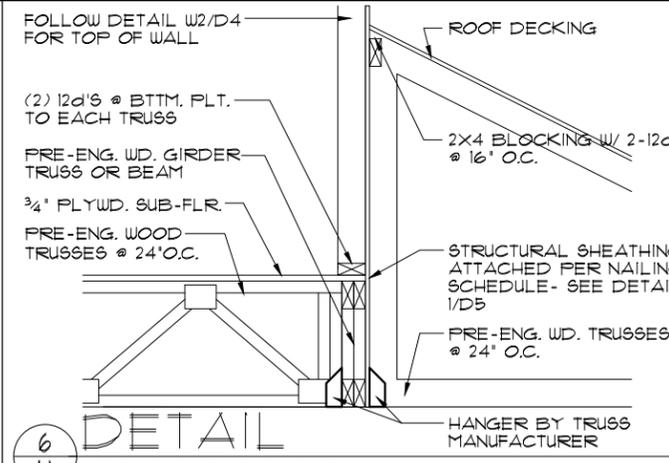
**1** DETAIL (BRG. W/ UPLIFT)  
14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



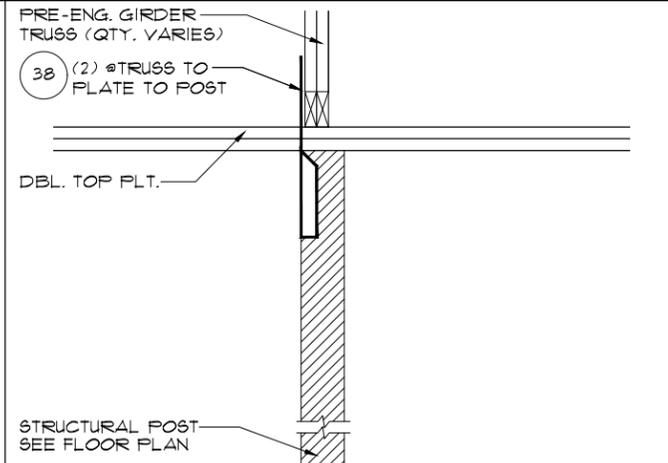
**10** DETAIL  
14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



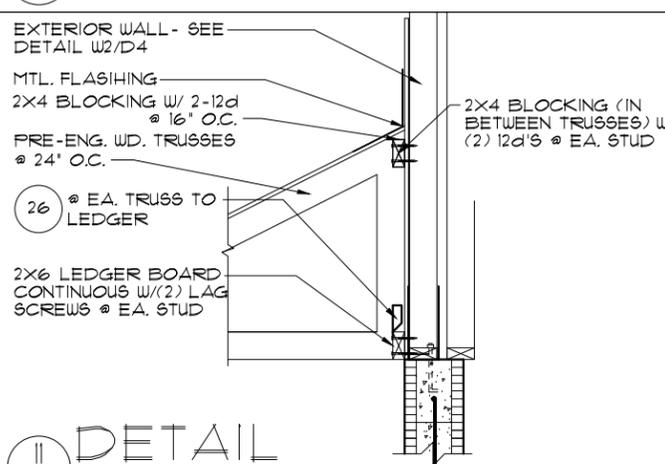
**8** DETAIL  
14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



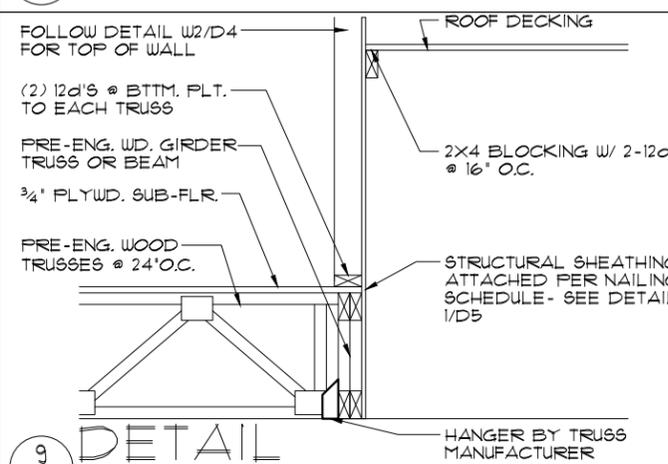
**6** DETAIL  
14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



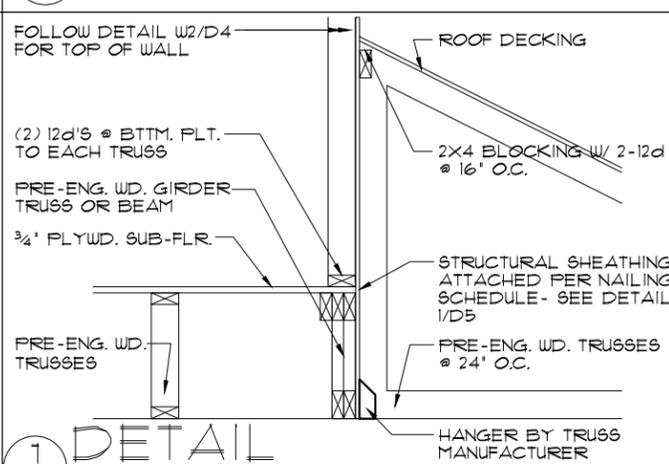
**5** DETAIL  
14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



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



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



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

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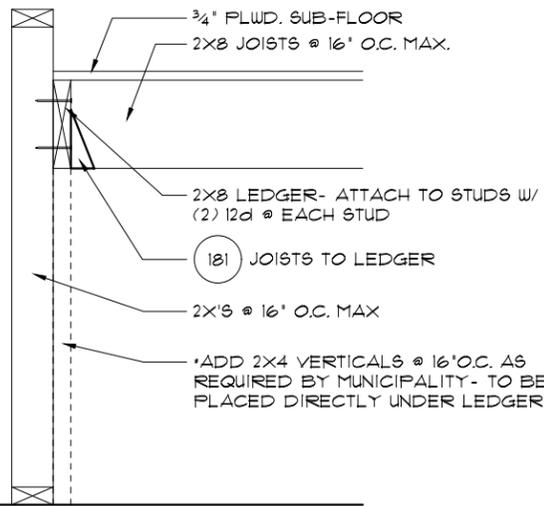
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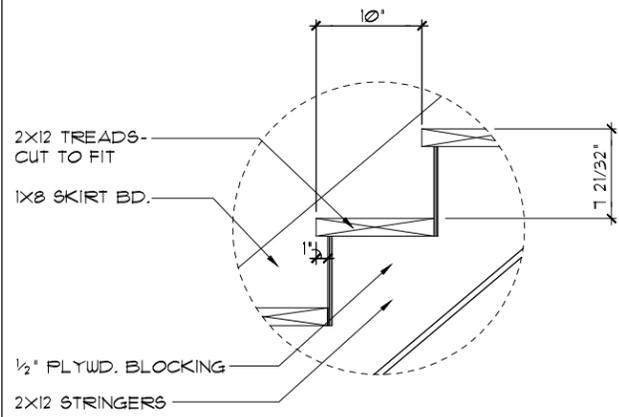
**PARADISO GRANDE**  
TYPICAL DETAILS

**REEF**  
**PARADISO GRANDE**

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

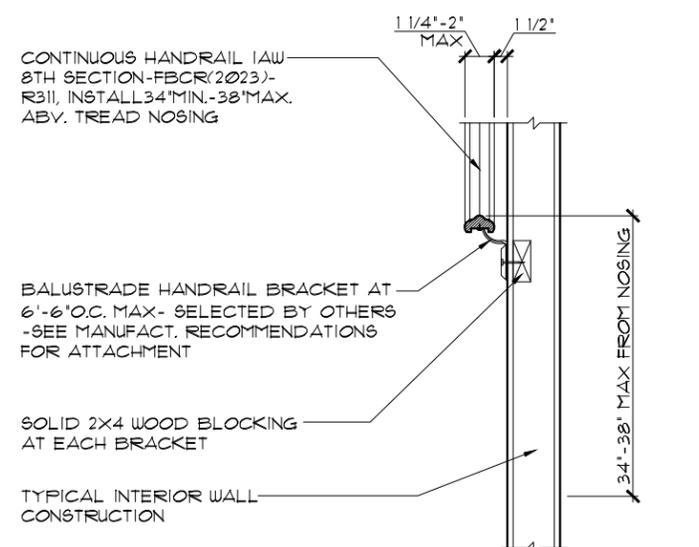


**4 TYP. STAIR CONNECT.**  
 3/4" = 1'-0" (11X17) 1/2" = 1'-0" (22"X34") PLATFORM FRAMING

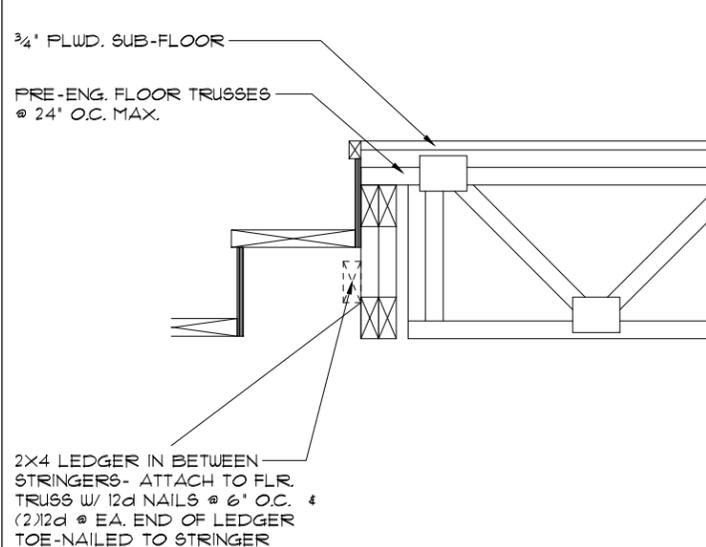


**DATA:** TOTAL RISE: 11'-4 3/4" (18 RISERS @ 7 19/32" EA.)  
 TOTAL RUN: 14'-2" (11 TREADS @ 10' EA.)

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



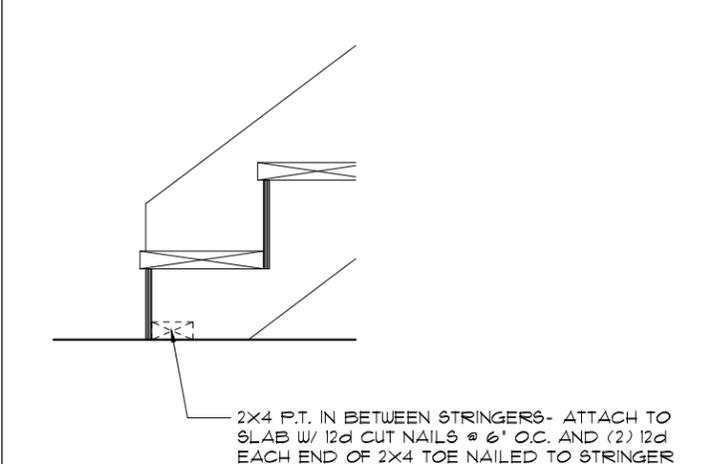
**5 TYP. HANDRAIL DET.**  
 3/4" = 1'-0" (11X17) 1/2" = 1'-0" (22"X34")



**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 2023, 8 TH EDITION SECTION R311.7

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



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

**CONNECTOR SCHEDULE**

CONNECT. TYPE	SIMPSON		USP		MAX. UPLIFT	LAT. LDS. FI / F2
	DESCRIPTION	FASTENERS PER CONNECTOR	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA20	14-10d x 1 1/2"	ETA20	14-10d	1,810	65 / 960
5	DETAL20	18-10d x 1 1/2"	N/A	N/A	2,480	2000 / 1370
20	H3	RFT: 4-8d / PLT: 4-8d	RT3	RFT: 4-8d / PLT: 4-8d	455	125 / 160
21	H1	RFT: 6-8dx1 1/2" / PLT: 4-8d	RT15	RFT: 5-8dx1 1/2" / PLT: 5-8d	475	485 / 165
22	H105	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	990	585 / 525
23	LUS26	HDR: 4-10d / JST: 4-10d	JUS26	HDR: 4-10d / JST: 4-10d	935	N/A
24	H1	RFT / TRS: 4-8d	RT20	RFT / TRS: 9-10d	985	400 / N/A
26	H2.5	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"	MPAIF	H: 6-8dx1 1/2" / P: 6-8dx1 1/2"	440	440 / N/A
37	MTS12	14-10d	MTU12	14-10d	1,000	N/A
38	MTS16	14-10d	MTU16	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	SPT24	STD: 6-10d / PLT: 6-10d	605	560 / 260
81	SFH46.8	12-10d x 1 1/2"	TF46.8	12-10d x 1 1/2"	885	N/A
90	ABU66	12-16d	PAU66	12-16d	2,240	N/A
89	CB66	(2) 3/8" BOLTS	PA8X8	4-10d	2,300	985
92	ABU44	12-16d	PAU44	12-16d	2,200	N/A
93	AC6 (MAX)	28-16d	PBS66	24-16d	1,815	1,070
94	AC4 (MAX)	28-16d	PBS44	24-16d	1,815	1,070
95	HTS20	20-10d	HTW20	20-10d	1,450	N/A
96	HD8A	SILL: 1/8" BOLT STUD: (3) 1/8" X 5 1/2" BOLTS	HHD8A	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: 3/8" BOLT STRAP: 18-16d	HTT16	SILL: 3/8" BOLT STRAP: 18-16d	4,175	N/A
99	A35	H: 4-8dx1 1/2" / P: 4-8dx1 1/2"	MPAI	H: 6-8dx1 1/2" / P: 6-8dx1 1/2"	440	440 / N/A
100	HTT22	3/8" BOLT / 32-16d SINKERS	HTT22	3/4" BOLT / 32-16d	5,260	N/A
101	HTT4	3/8" BOLT / 18-16dx2 1/2"	N/A	N/A	3,640	N/A
102	HTT5	3/8" BOLT / 26-10d	N/A	N/A	4,275	N/A
103	VGTR/L	32-SDS 1/4" X 3" / (2) 3/8" BLT	N/A	N/A	3,990	N/A
104	HDS8-SDS25	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	HHUS46	H: 14-16d / J: 6-16d	THD46	H: 8-18d / J: 12-10d	1,550	N/A
168	U46	H: 8-10d / J: 4-10d	SUH46	H: 8-16d / J: 4-16d	710	N/A
181	HUS26	20-16d	THD26	H: 20-16d / J: 10-10d	1,550	N/A
184	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	EHU210-2	HDR: 40-16d / JST: 16-10d	2,720	N/A
216	HUS412	BLOCK: 10-1/4" X 1 1/2" TC JOIST: 10-16d	HUS412	BLOCK: 10-1/4" X 1 1/2" TC JOIST: 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-1/4" X 1 1/2" TC JOIST: 10-16d	HUS212-2	BLOCK: 10-1/4" X 1 1/2" TC JOIST: 10-16d	2,630	N/A
219	MBHA412	H: 1-ATR 3/4" X 8 TOP FACE JOIST: 18-10d	NFM35X12U	H: 1-1/2" J-BOLT J: 5-1/2" BOLTS	3,145	N/A
220	N/A	N/A	NFM 3X12	BLK: 1/2" J / JST: 14-10d	1,620	N/A
226	MBHA4.75/12	HDR: (2) 3/4" x 8" JOIST: 18-10d	NFM45U	HDR: MIN. 1/2" x J" BOLT JOIST: (5) 1/2" x BOLTS	2,160	N/A
231	MBHA3.56/16	HDR: (2) 3/4" x 8" JOIST: 18-10d	NFM3.5X16U	HDR: MIN. 1/2" x J-BOLTS JOIST: (5) 1/2" x BOLTS	3,450	N/A
232	MBHA5.50/16	HDR: (2) 3/4" x 8" JOIST: 18-10d	NFM5.5X16U	HDR: MIN. 1/2" x J-BOLTS JOIST: (5) 1/2" x BOLTS	3,450	N/A
240	H15	R: 4-10dx1 1/2" / P: 4-10dx1 1/2"	N/A	N/A	1,300	480 / N/A
241	LGT2	30-16d-sinker	LUGT2	32-10d	2,000	1015 / 440
301	MGT	(1) 5/8" BLTS / GIR: 22-10d	N/A	N/A	3,365	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					

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

LOI: 0000, PARADISO GRANDE

REEF PARADISO GRANDE

TYPICAL DETAILS / CONNECTOR SCHEDULE

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

REVISIONS BY

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

Park Square Homes

4232

15 OF SHEETS

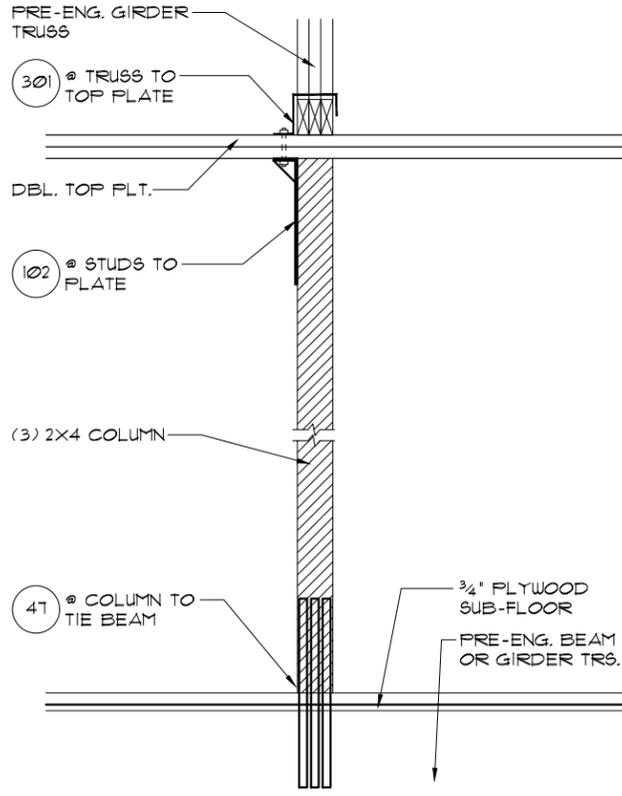
PARADISO GRANDE

TEC  
 THOMPSON ENGINEERING GROUP, INC.  
 10000 US Highway 19, Suite 100  
 Orlando, FL 32817  
 Phone: (407) 734-1178  
 www.tec.com

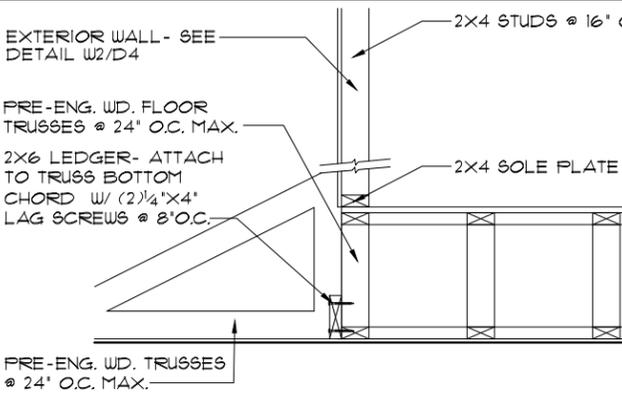
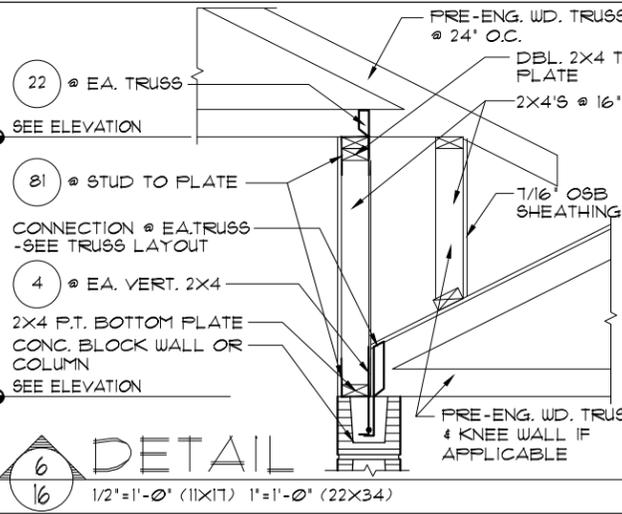
A DIVISION OF PARK SQUARE ENTERPRISES, INC.  
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TYPICAL DETAILS / CONNECTOR SCHEDULE

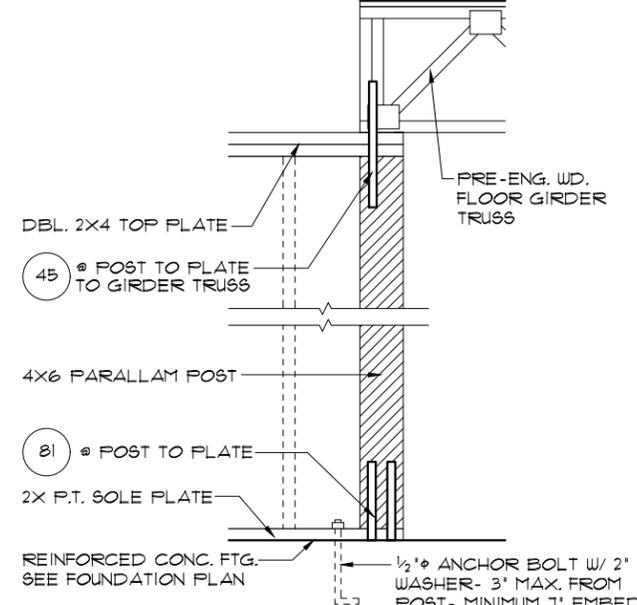
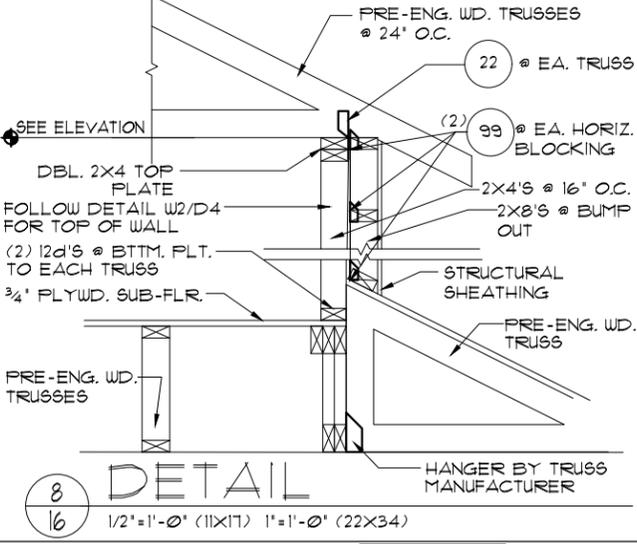
15 OF SHEETS



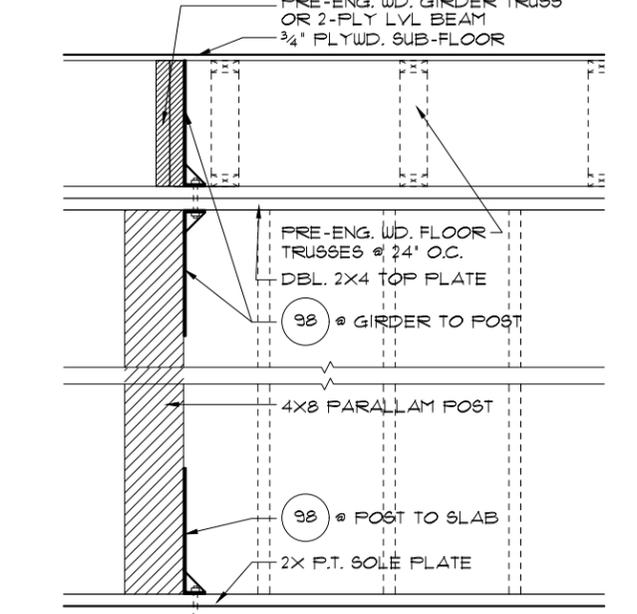
**5 DETAIL**  
 1/2" = 1'-0" (11X17) 1" = 1'-0" (22X34)



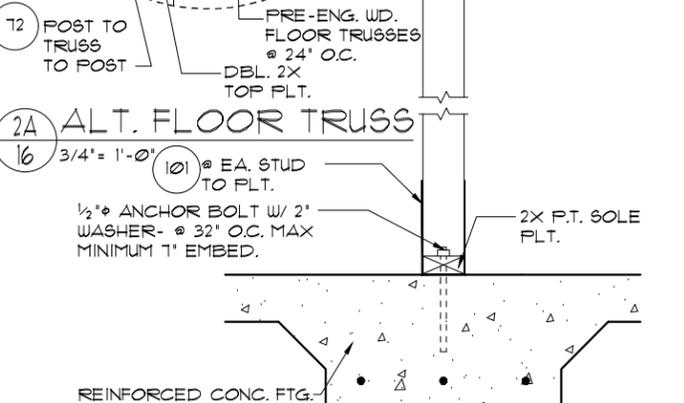
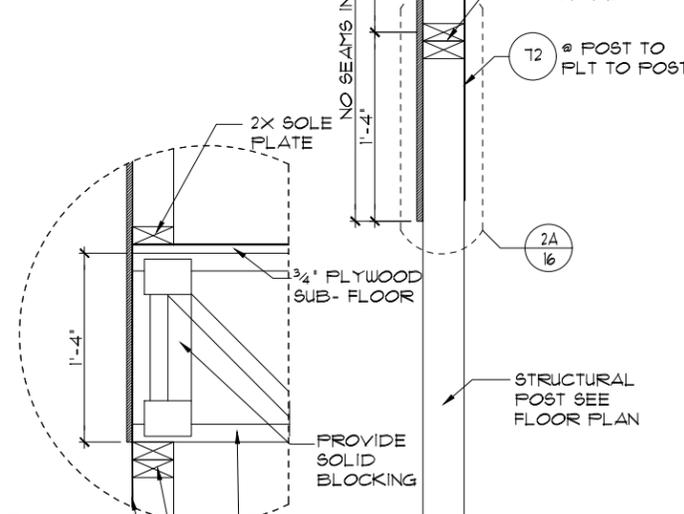
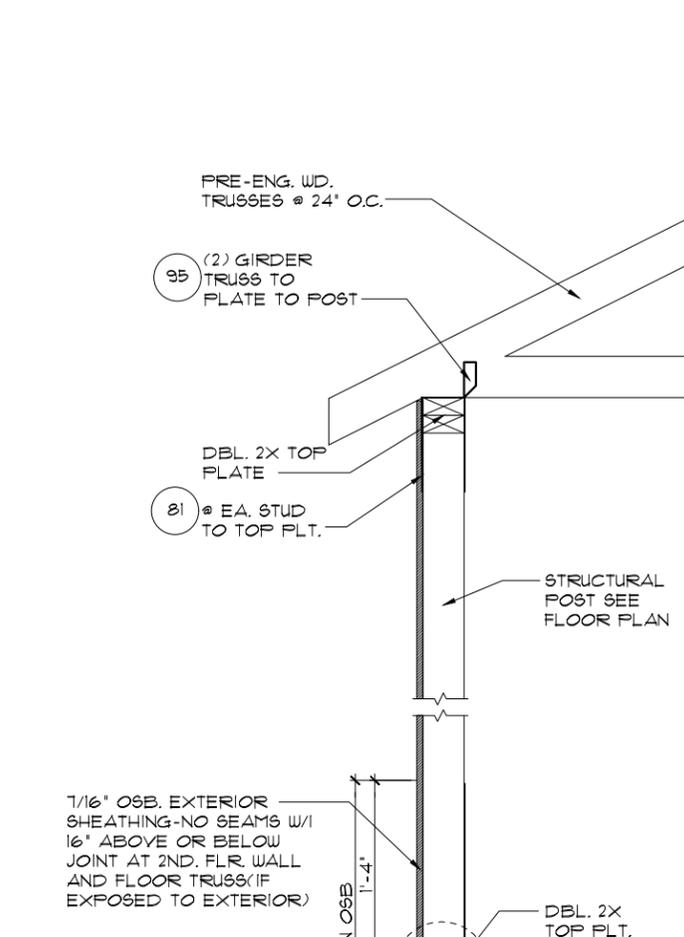
**7 DETAIL**  
 1/2" = 1'-0" (11X17) 1" = 1'-0" (22X34)



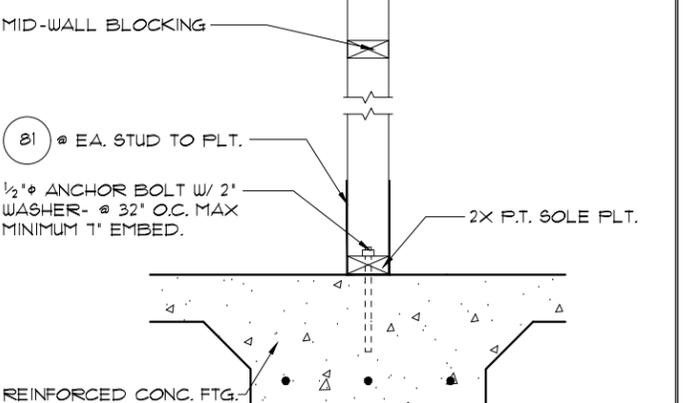
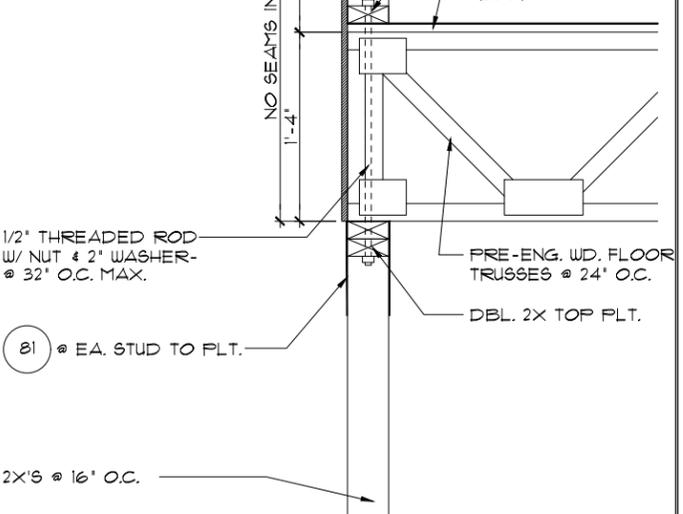
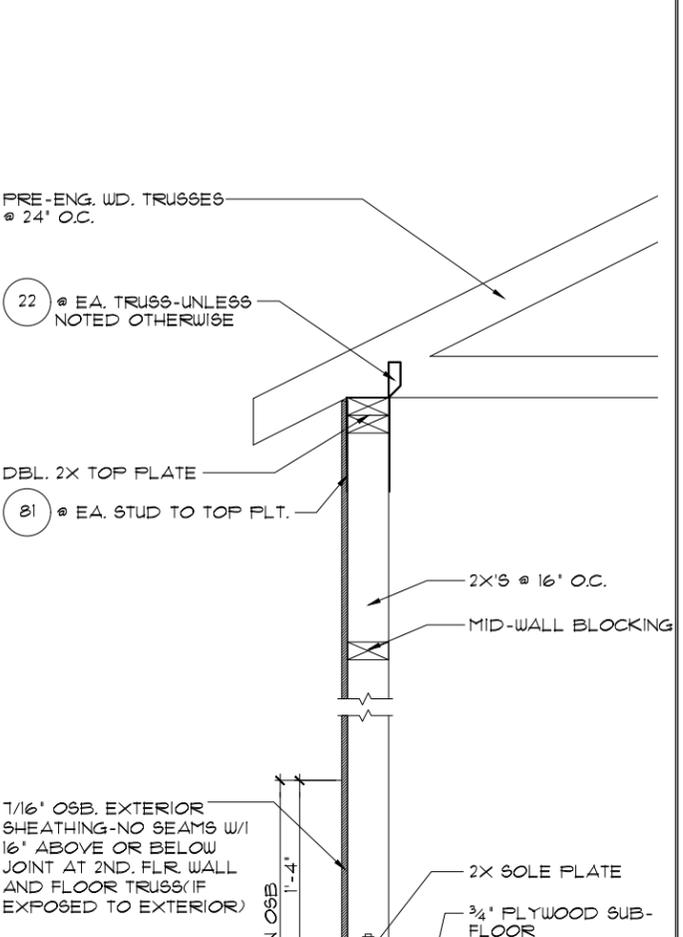
**3 DETAIL**  
 1/2" = 1'-0" (11X17) 1" = 1'-0" (22X34)



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



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



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

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2003 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH  
**LOI: 0000, PARADISO GRANDE**  
 REF: REEF  
**PARADISO GRANDE**  
 4232  
 DATE: 04-09-21  
 SCALE: AS NOTED  
 DRAWN: RDC  
 JOB: 4232  
 SHEET: 16 OF SHEETS

**PARADISO GRANDE**  
 A DIVISION OF PARK SQUARE ENTERPRISES, INC.  
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 www.iteg.com

# SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

## 8" PRECAST & PRESTRESSED U-LINTELS

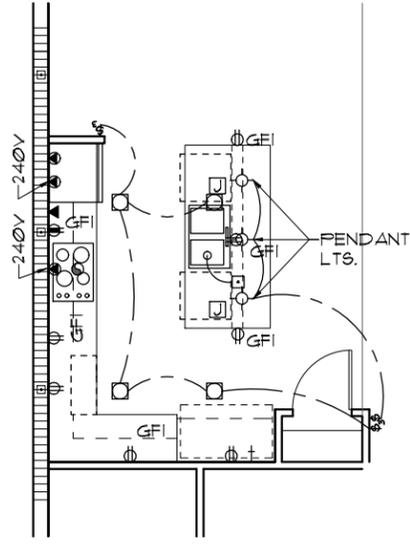
LENGTH	TYPE	RUB	GRAVITY																	
			8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B	8F36-0B	8F40-0B	8F44-0B								
2'-10" (34')	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936											
		2302	3166	4473	6039	7526	9004	10472	11936											
3'-6" (42')	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936											
		2302	3166	4473	6039	7526	9004	10472	11936											
4'-0" (48')	PRECAST	2079	2725	2496	3467	4438	5410	6384	7358											
		2079	2725	2496	3467	4438	5410	6384	7358											
4'-6" (54')	PRECAST	1651	2110	2021	2639	3343	4149	4956	5764											
		1651	2110	2021	2639	3343	4149	4956	5764											
5'-4" (64')	PRECAST	1184	1665	1589	2097	2626	3204	3800	4424											
		1184	1665	1589	2097	2626	3204	3800	4424											
5'-10" (70')	PRECAST	972	1459	1404	1899	2438	2992	3560	4152											
		972	1459	1404	1899	2438	2992	3560	4152											
6'-6" (78')	PRECAST	937	1295	1201	1636	2124	2636	3172	3732											
		937	1295	1201	1636	2124	2636	3172	3732											
7'-6" (90')	PRECAST	767	1079	1004	1374	1792	2236	2704	3196											
		767	1079	1004	1374	1792	2236	2704	3196											
10'-6" (126')	PRECAST	456	658	629	854	1104	1380	1680	1996											
		456	658	629	854	1104	1380	1680	1996											
11'-4" (136')	PRECAST	445	598	575	771	1004	1264	1544	1832											
		445	598	575	771	1004	1264	1544	1832											
12'-0" (144')	PRECAST	414	555	534	711	924	1152	1396	1644											
		414	555	534	711	924	1152	1396	1644											
13'-4" (160')	PRECAST	362	485	468	624	816	1024	1248	1488											
		362	485	468	624	816	1024	1248	1488											
14'-0" (168')	PRECAST	338	455	440	588	776	984	1200	1432											
		338	455	440	588	776	984	1200	1432											
14'-8" (176')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR											
		NR	NR	NR	NR	NR	NR	NR	NR											
15'-4" (184')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR											
		NR	NR	NR	NR	NR	NR	NR	NR											
17'-4" (208')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR											
		NR	NR	NR	NR	NR	NR	NR	NR											
19'-4" (232')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR											
		NR	NR	NR	NR	NR	NR	NR	NR											
21'-4" (256')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR											
		NR	NR	NR	NR	NR	NR	NR	NR											
22'-0" (264')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR											
		NR	NR	NR	NR	NR	NR	NR	NR											
24'-0" (288')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR											
		NR	NR	NR	NR	NR	NR	NR	NR											

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

LENGTH	TYPE	8R16	GRAVITY																	
			8RF6-0B	8RF10-0B	8RF14-0B	8RF18-0B	8RF22-0B	8RF26-0B	8RF30-0B	8RF34-0B	8RF38-0B	8RF42-0B								
4'-4" (52')	PRECAST	1488	1591	3053	2982	3954	4929	5904	6880											
		1488	1591	3053	2982	3954	4929	5904	6880											
4'-6" (54')	PRECAST	1351	1449	2782	2714	3600	4487	5375	6264											
		1351	1449	2782	2714	3600	4487	5375	6264											
5'-8" (68')	PRECAST	785	832	1602	1550	2058	2566	3075	3585											
		785	832	1602	1550	2058	2566	3075	3585											
5'-10" (70')	PRECAST	735	778	1500	1449	1924	2400	2876	3352											
		735	778	1500	1449	1924	2400	2876	3352											
6'-8" (80')	PRECAST	822	907	1671	1611	2133	2616	3100	3584											
		822	907	1671	1611	2133	2616	3100	3584											
7'-6" (90')	PRECAST	665	761	1371	1311	1752	2184	2616	3048											
		665	761	1371	1311	1752	2184	2616	3048											
9'-8" (116')	PRECAST	371	420	834	783	1071	1342	1614	1886											
		371	420	834	783	1071	1342	1614	1886											

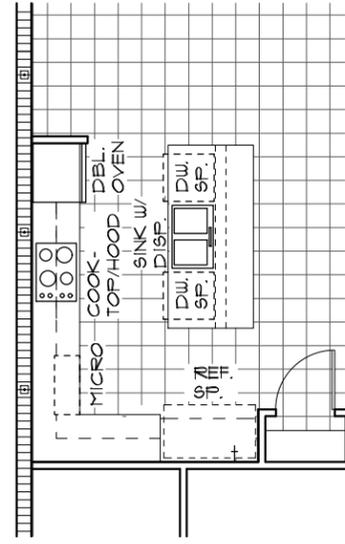
## 8" PRECAST & PRESTRESSED U-LINTELS

LENGTH	TYPE	UPLIFT										LATERAL	
		8F8-IT	8F12-IT	8F16-IT	8F20-IT	8F24-IT	8F28-IT	8F32-IT	8F36-IT	8F40-IT	8F44-IT	8R16	8R18
2'-10" (34')	PRECAST	2727	2727	2727	2727	2727	2727	2727	2727	2727	2091	2091	
		2727	2727	2727	2727	2727	2727	2727	2727	2727	2091	2091	
3'-6" (42')	PRECAST	2165	2165	2165	2165	2165	2165	2165	2165	2165	1291	1291	
		2165	2165	2165	2165	2165	2165	2165	2165	2165	1291	1291	
4'-0" (48')	PRECAST	1878	1878	1878	1878	1878	1878	1878	1878	1878	938	938	
		1878	1878	1878	1878	1878	1878	1878	1878	1878	938	938	
4'-6" (54')	PRECAST	1660	1660	1660	1660	1660	1660	1660	1660	1660	721	721	
		1660	1660	1660	1660	1660	1660	1660	1660	1660	721	721	
5'-4" (64')	PRECAST	1393	1393	1393	1393	1393	1393	1393	1393	1393	595	595	
		1393	1393	1393	1393	1393	1393	1393	1393	1393	595	595	
5'-10" (70')	PRECAST	1272	1272	1272	1272	1272	1272	1272	1272	1272	418	418	
		1272	1272	1272	1272	1272	1272	1272	1272	1272	418	418	
6'-6" (78')	PRECAST	1141	1141	1141	1141	1141	1141	1141	1141	1141	301	301	
		1141	1141	1141	1141	1141	1141	1141	1141	1141	301	301	
7'-6" (90')	PRECAST	990	990	990	990	990	990	990	990	990	219	219	
		990	990	990	990	990	990	990	990	990	219	219	
9'-4" (112')	PRECAST	801	801	801	801	801	801	801	801	801	154	154	
		801	801	801	801	801	801	801	801	801	154	154	
10'-6" (126')	PRECAST	716	716	716	716	716	716	716	716	716	111	111	
		716	716	716	716	716	716	716	716	716	111	111	
11'-4" (136')	PRECAST	666	666	666	666	666	666	666	666	666	83	83	
		666	666	666	666	666	666	666	666	666	83	83	
12'-0" (144')	PRECAST	607	607	607	607	607	607	607	607	607	61	61	
		607	607	607	607	607	607	607	607	607	61	61	
13'-4" (160')	PRECAST	500	500	500	500	500	500	500	500	500	44	44	
		500	500	500	500	500	500	500	500	500	44	44	
14'-0" (168')	PRECAST												



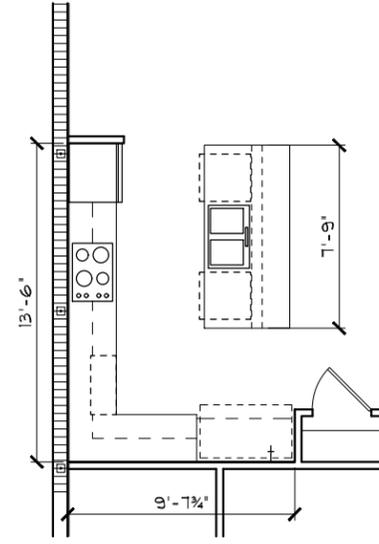
ELECTRICAL PLAN

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



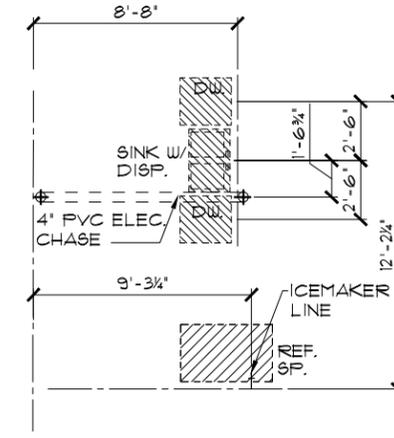
FLOOR PLAN W/ NOTES

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



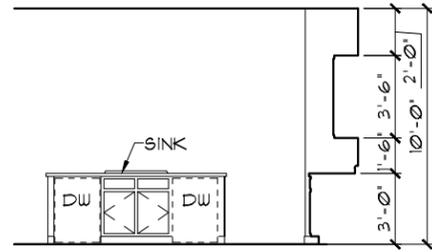
FLOOR PLAN W/ DIMENSIONS

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

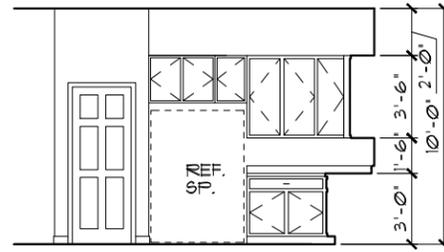


FOUNDATION PLAN

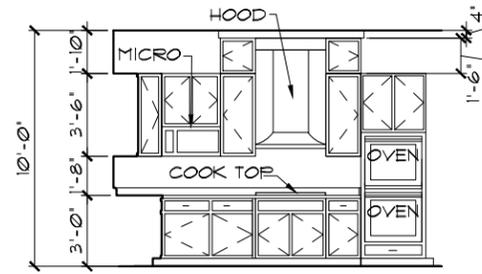
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



1



2



3

INTERIOR ELEVATIONS

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

19 GOURMET OPTION 1

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

LOT: 0000, PARADISO GRANDE

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4232  
DATE 04-08-21  
SCALE AS NOTED  
DRAWN RDC  
JOB 4232  
SHEET 18  
OF SHEETS

OPTIONS

REEF

PARADISO GRANDE

PARADISO GRANDE

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Park Square HOMES

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