

4232 (A,B,C,D)

REEF

PARADISO GRANDE

40' X 71'4

REVISION SCHEDULE			
NO.	DATE	DESCRIPTION	BY
Ⓐ	04-03-21	-THESE PLANS CREATED USING 4219 SANTA ROSA PLANS DATED 03-04-21 PROVIDED BY FSH	DE
ⓐ	06-25-21	-REVISED 2ND FLOOR EXTERIOR FINISH FROM STUCCO TO SMOOTH PANEL BOARD	DH
		-REVISE ALL ARCH SOFFITS TO FLAT	
		-CODE UPDATED TO FBCR 2020, 1TH ED.	
		4 NEC 2017	
ⓑ	11-16-21	-INTERIOR DOORS CHANGED TO 6/8 ILO 8/0 1ST FLOOR ONLY	TR
		-WASHER & DRYER OPTIONAL	
ⓒ	06-20-23	-UPDATE FIRE ALARM PER BUILDER'S REQUEST	TR
ⓓ	08/25/23	-ADD TILE TO MASTER CLOSETS	TR
ⓔ	09/29/23	-DELETE INTERIOR DOOR HEIGHTS	TR
ⓕ	02/19/24	- ADD ELECTRICAL UPDATES PER NL	TR
ⓖ	04-12-24	-DELETE GARAGE STEP, TOWEL BARS & PAPER HOLDERS	TR
ⓗ	04-23-24	-ADD MODEL WALK CHANGES - PER JK.	TR
		-UPDATE TO 2023 CODE	
ⓓ	05-28-24	-ADDED ON-Q PANEL	TR
ⓔ	08-08-24	-ADDED ELEV. D	TR
ⓕ	11-20-24	-ADDED GAME ROOM OPTION	TR

SHEET INDEX- ELEVATION "A"

- 00 COVER SHEET
- 01A.0 FOUNDATION PLAN
- 02A.0 FLOOR PLAN W/ DIMENSIONS
- 03A.0 FLOOR PLAN W/ NOTES
- 04A.0 UPPER FLOOR PLAN W/ DIMENSIONS
- 05A.0 UPPER FLOOR PLAN W/ NOTES
- 06A.0 EXTERIOR ELEVATIONS- FRONT/ REAR
- 07A.0 EXTERIOR ELEVATIONS- LEFT/ RIGHT
- 08 CROSS SECTION AND INTERIOR ELEVATIONS
- 09A.0 ELECTRICAL PLAN
- 10A.0 UPPER ELECTRICAL PLAN
- 11A.0 TRUSS LAYOUT
- 12A.0 UPPER TRUSS LAYOUT
- 13A.0 PRECAST LINTEL LAYOUT
- 14 TYPICAL DETAILS/CONNECTOR SCHEDULE
- 15 TYPICAL DETAILS
- 16 TYPICAL DETAILS
- 17 TYPICAL DETAILS
- D1 TYPICAL STRUCTURAL DETAILS
- D2 TYPICAL STRUCTURAL DETAILS
- D3 TYPICAL STRUCTURAL DETAILS
- D4 TYPICAL STRUCTURAL DETAILS
- D5 TYPICAL STRUCTURAL DETAILS
- D6 SOFFIT DETAILS

.1 GAME ROOM OPTION

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- 01B.0 FOUNDATION PLAN
- 02B.0 FLOOR PLAN W/ DIMENSIONS
- 03B.0 FLOOR PLAN W/ NOTES
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SHEET INDEX- ELEVATION "C,D"

- 00 COVER SHEET
- 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

LOT: 0000, PARADISO GRANDE

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

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Park Square
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COVER SHEET

REEF
 PARADISO GRANDE

4232

DATE 04-03-21

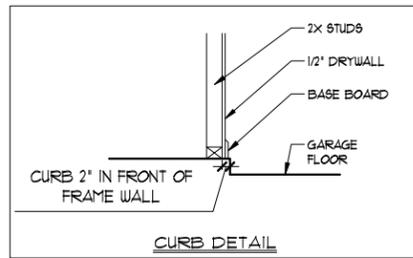
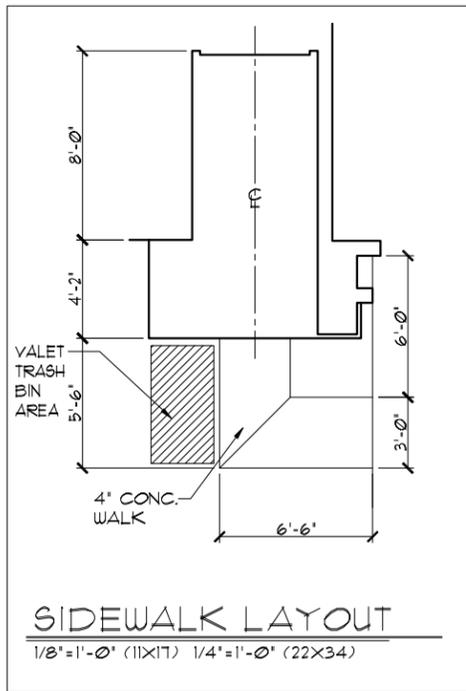
SCALE AS NOTED

DRAWN RDC

JOB 4232

SHEET

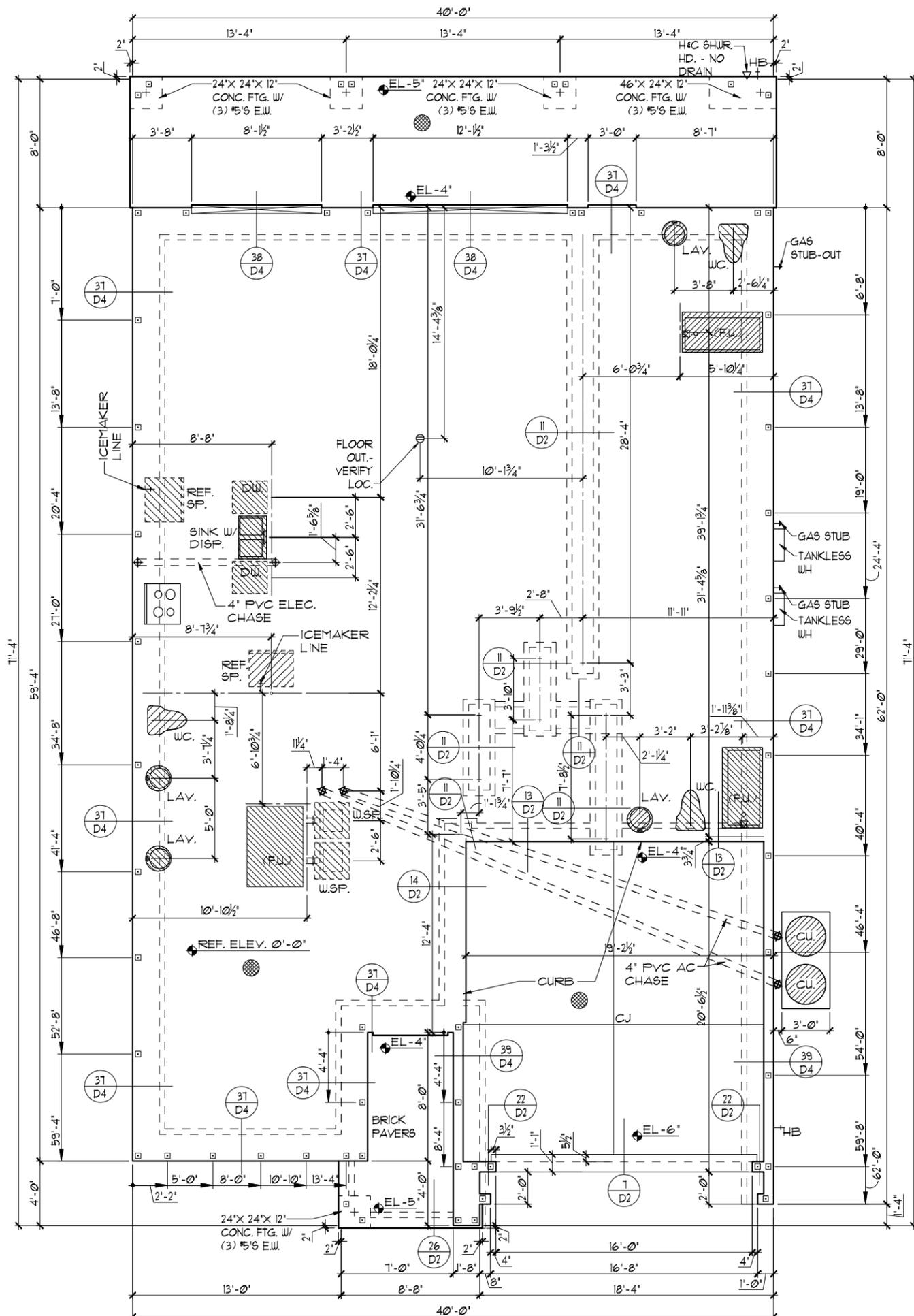
00 OF SHEETS



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 - TYP. TUB/SHUR. VALVE & DRAIN LOCATIONS
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FOUNDATION PLAN "A"

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



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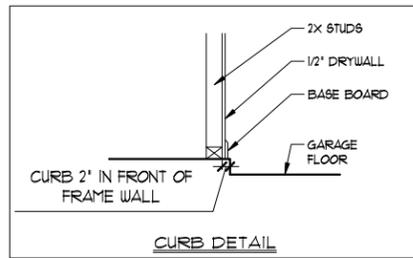
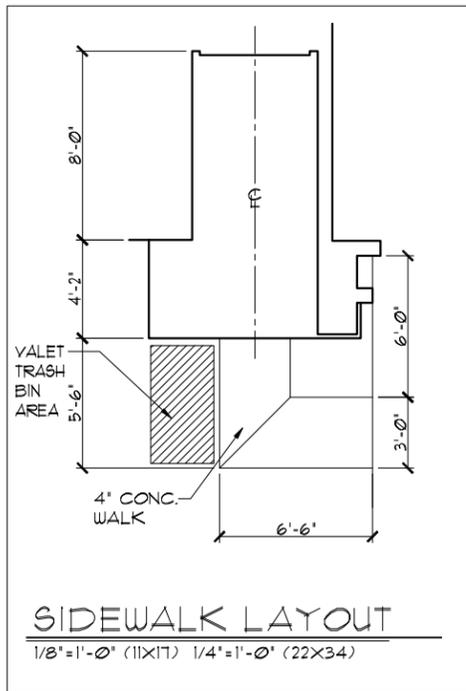
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Park Square HOMES

FOUNDATION PLAN

REEF
PARADISO GRANDE

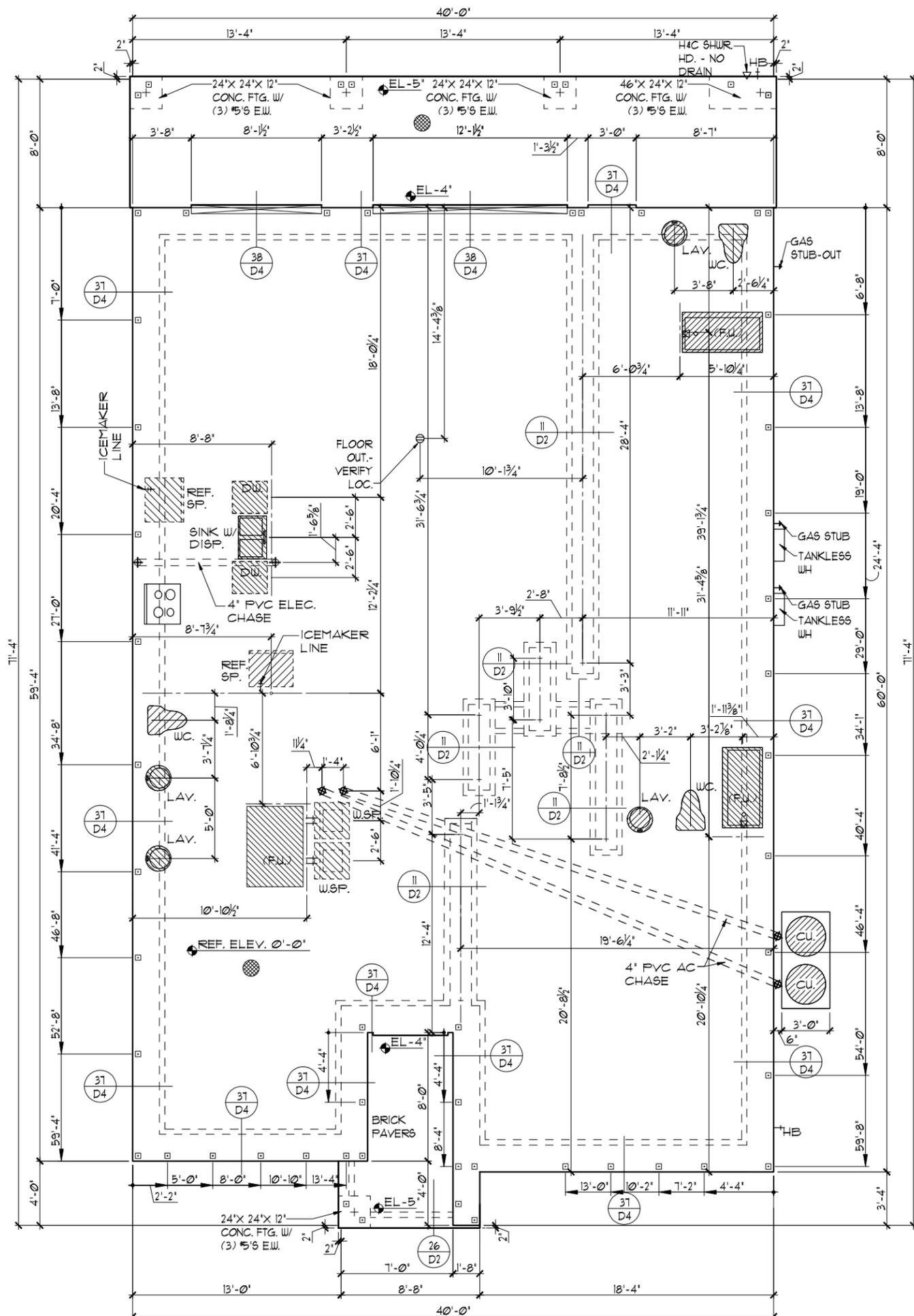
4232
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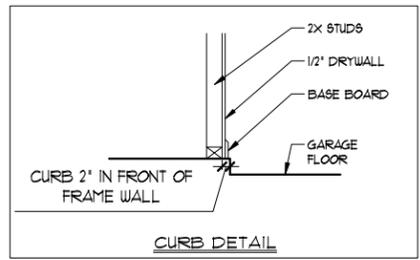
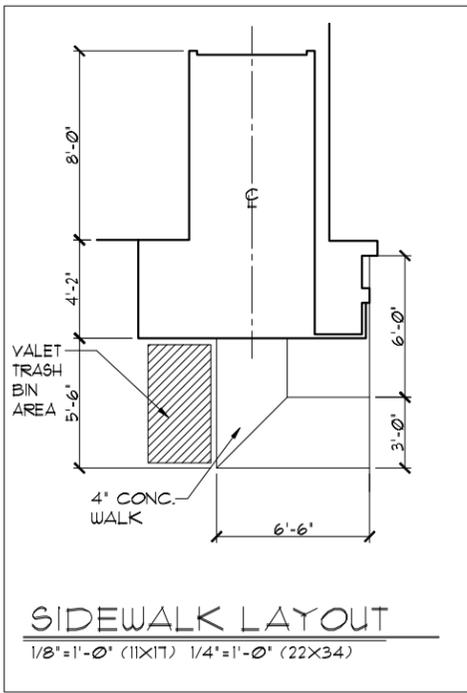
LOT: 0000, PARADISO GRANDE

REVISIONS BY

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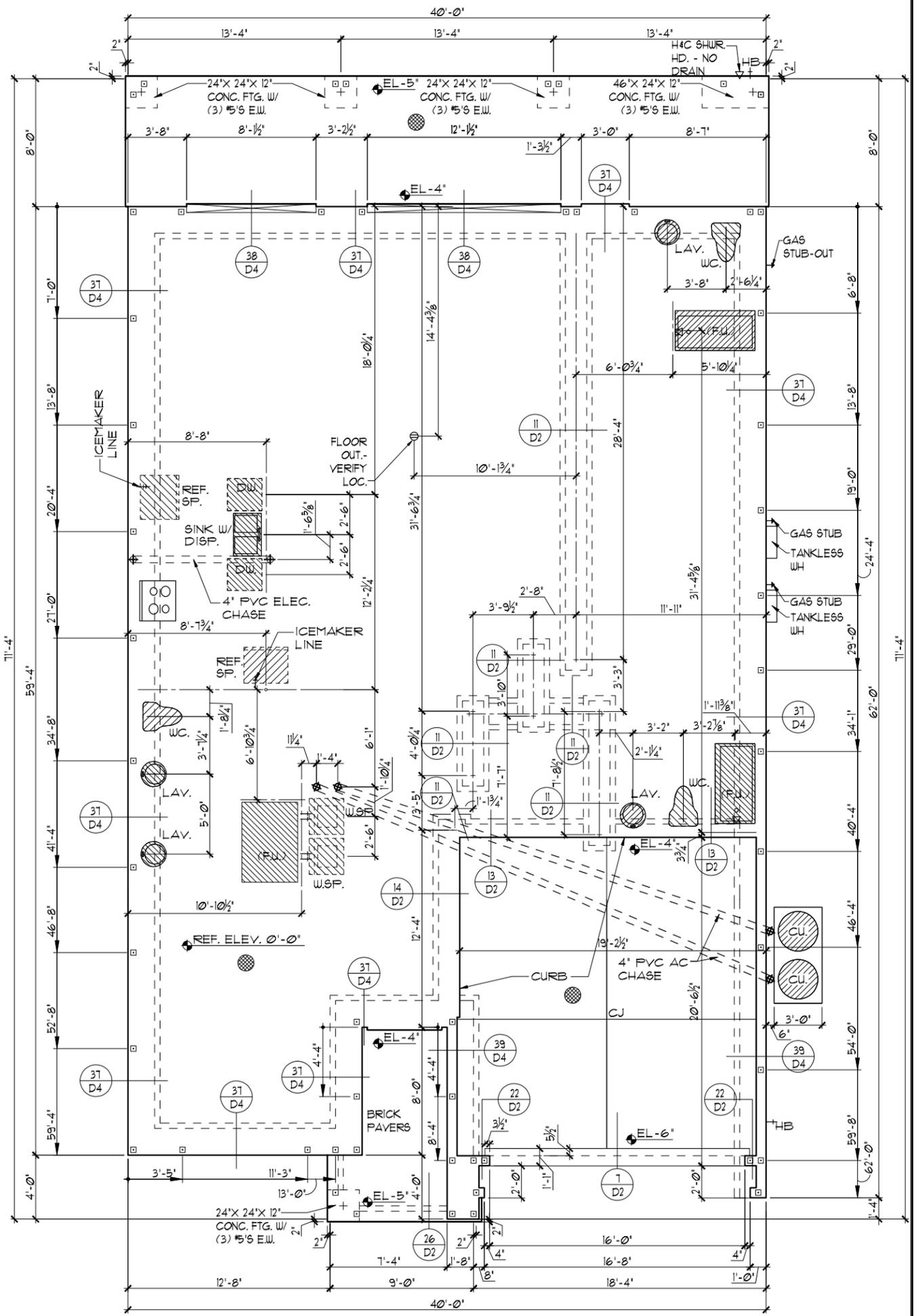
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FOUNDATION PLAN
 REEF
 PARADISO GRANDE
 4232
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 4232
 SHEET 01A.1
 OF SHEETS



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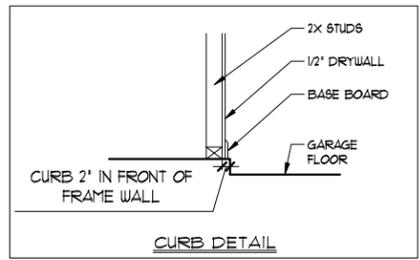
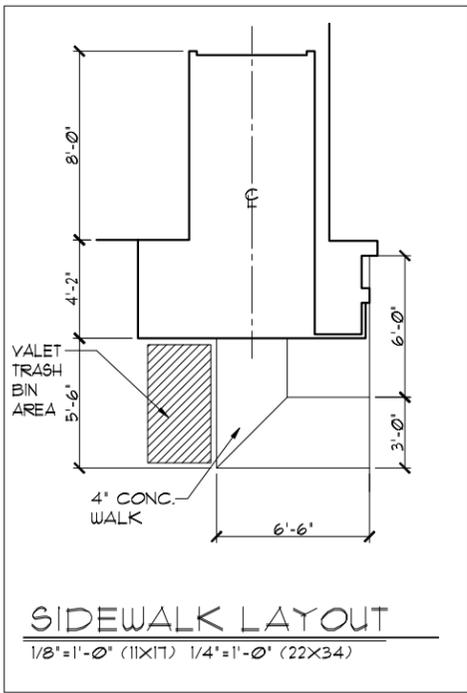
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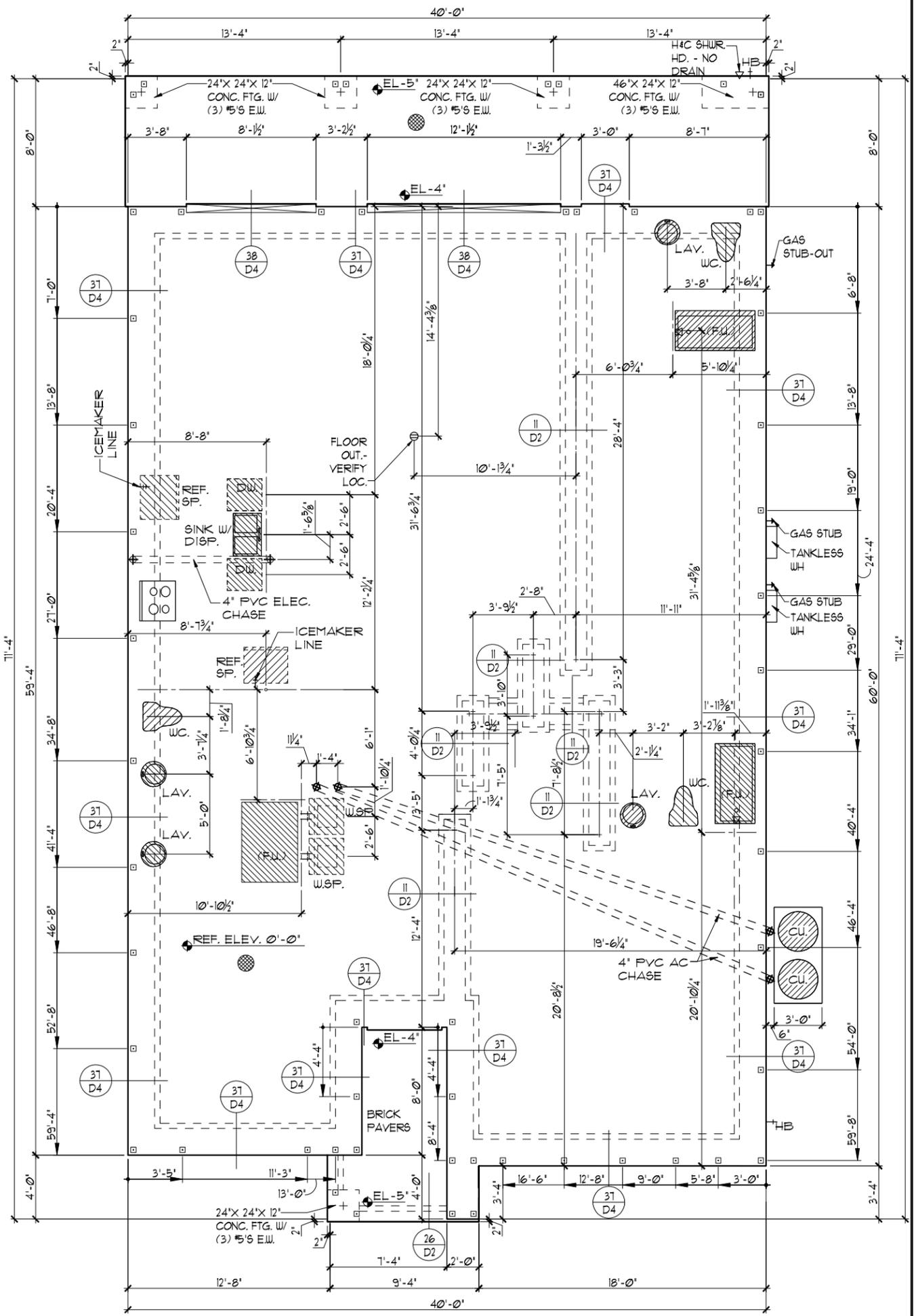
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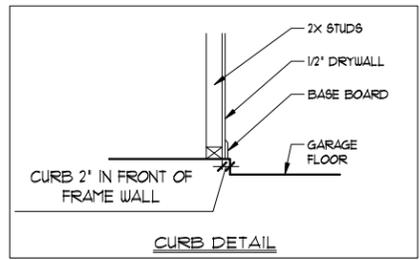
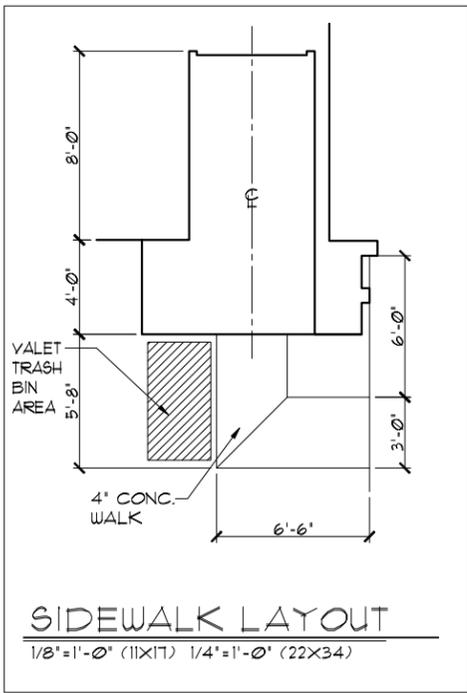
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Park Square HOMES

FOUNDATION PLAN

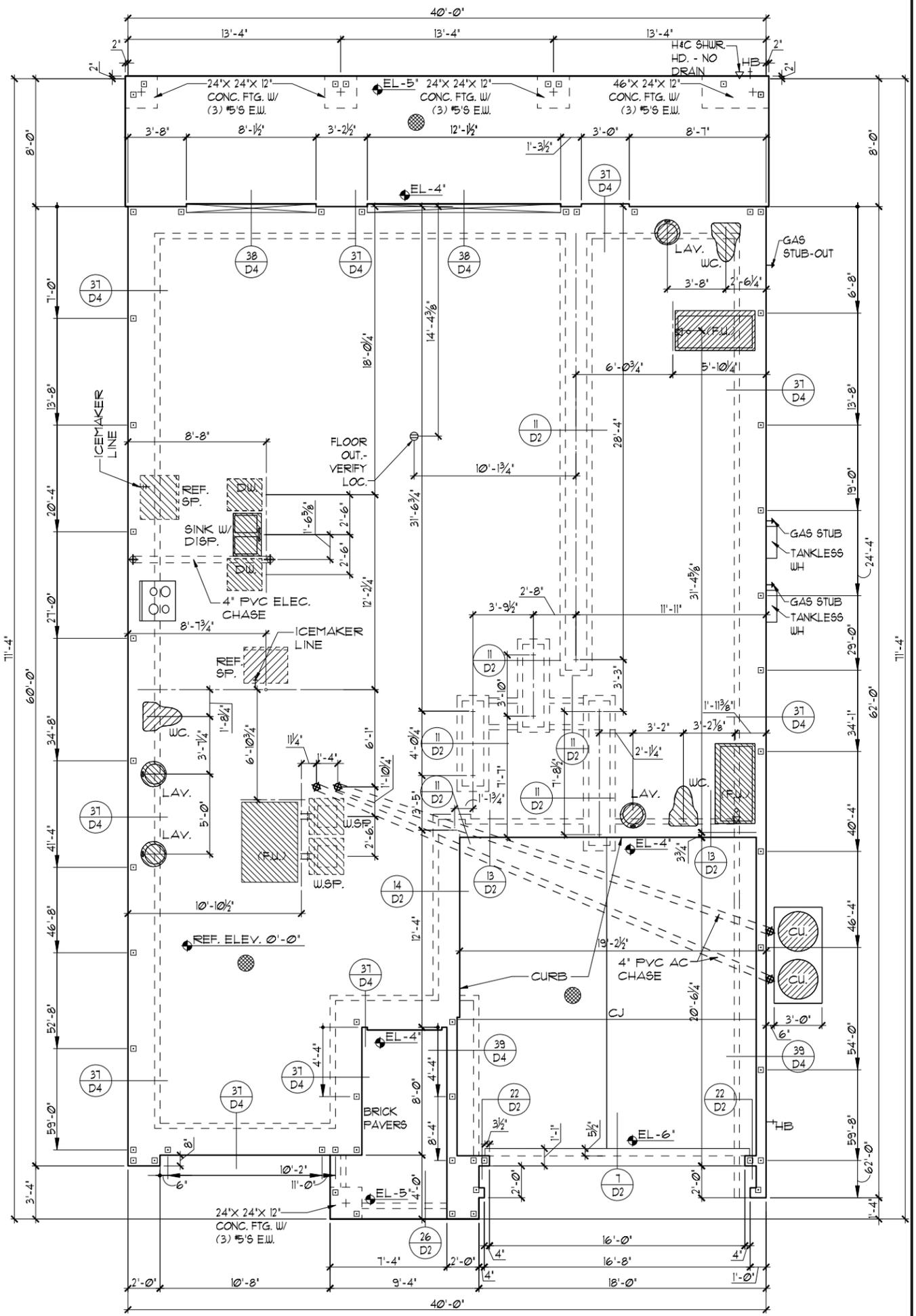
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 MBA-STD. SHOWER

FOUNDATION PLAN "C"
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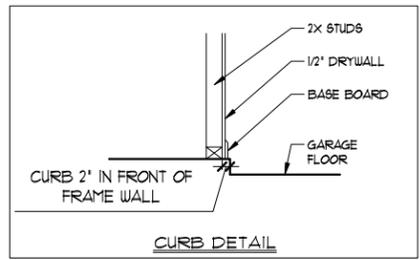
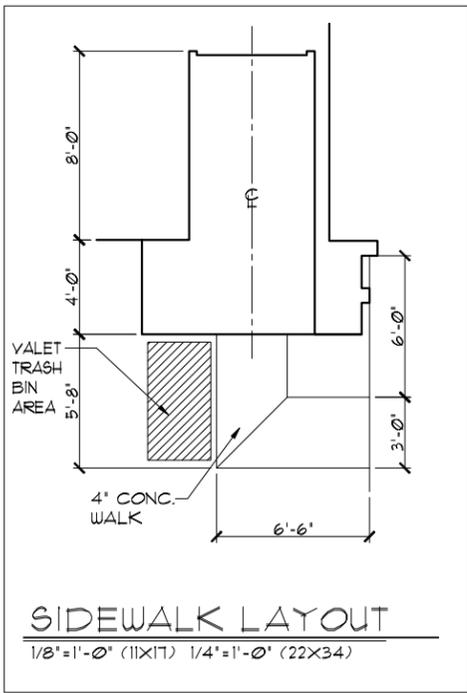
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Park Square HOMES

FOUNDATION PLAN

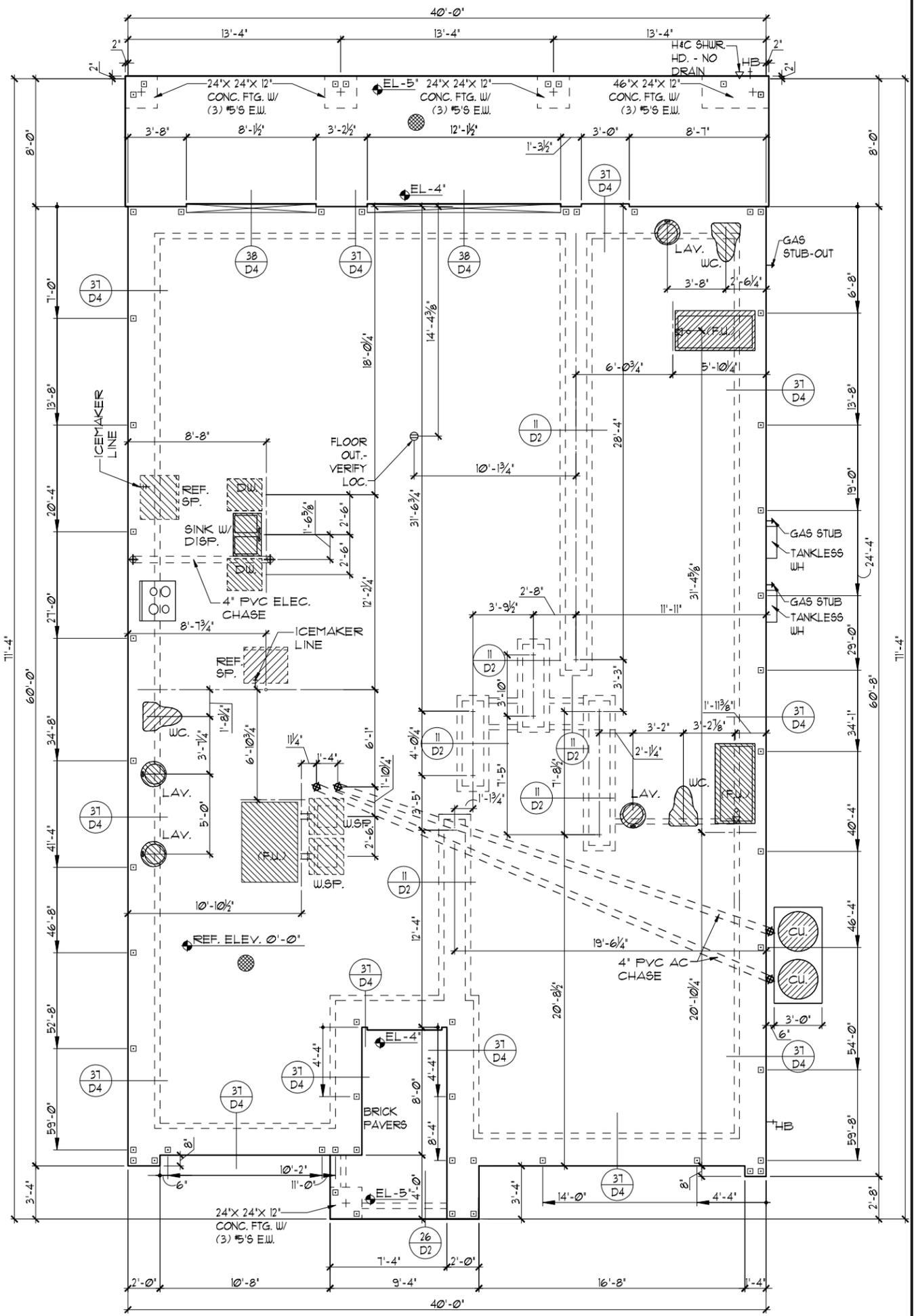
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 - IN LIEU OF TREATING THE SOIL, AN ALTERNATIVE TO TERMITE TREATED SOIL CAN BE TERMICIDE.
 - BORA-CARE TO BE APPLIED ON INTERIOR WALLS IAW MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PURSUANT TO CH.482 FLORIDA BUILDING CODE.
 - TYP. TUB/SHUR. VALVE & DRAIN LOCATIONS
-

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



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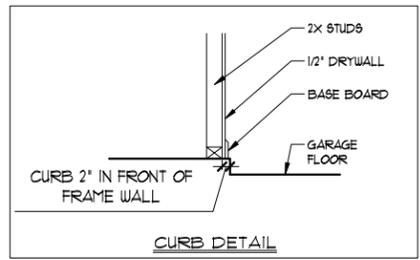
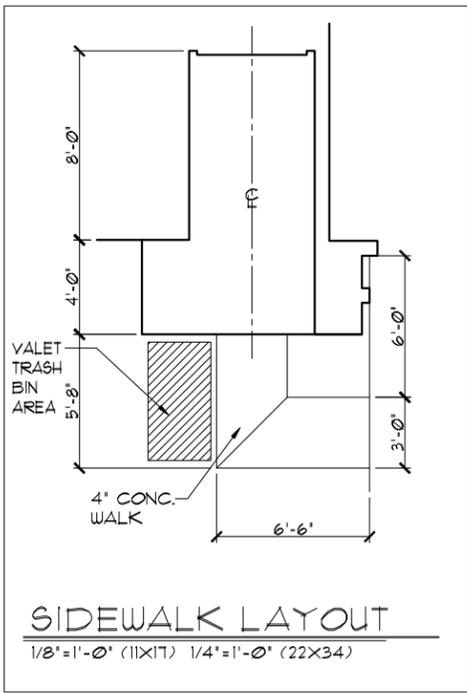
FOUNDATION PLAN

REFEEL

PARADISO GRANDE

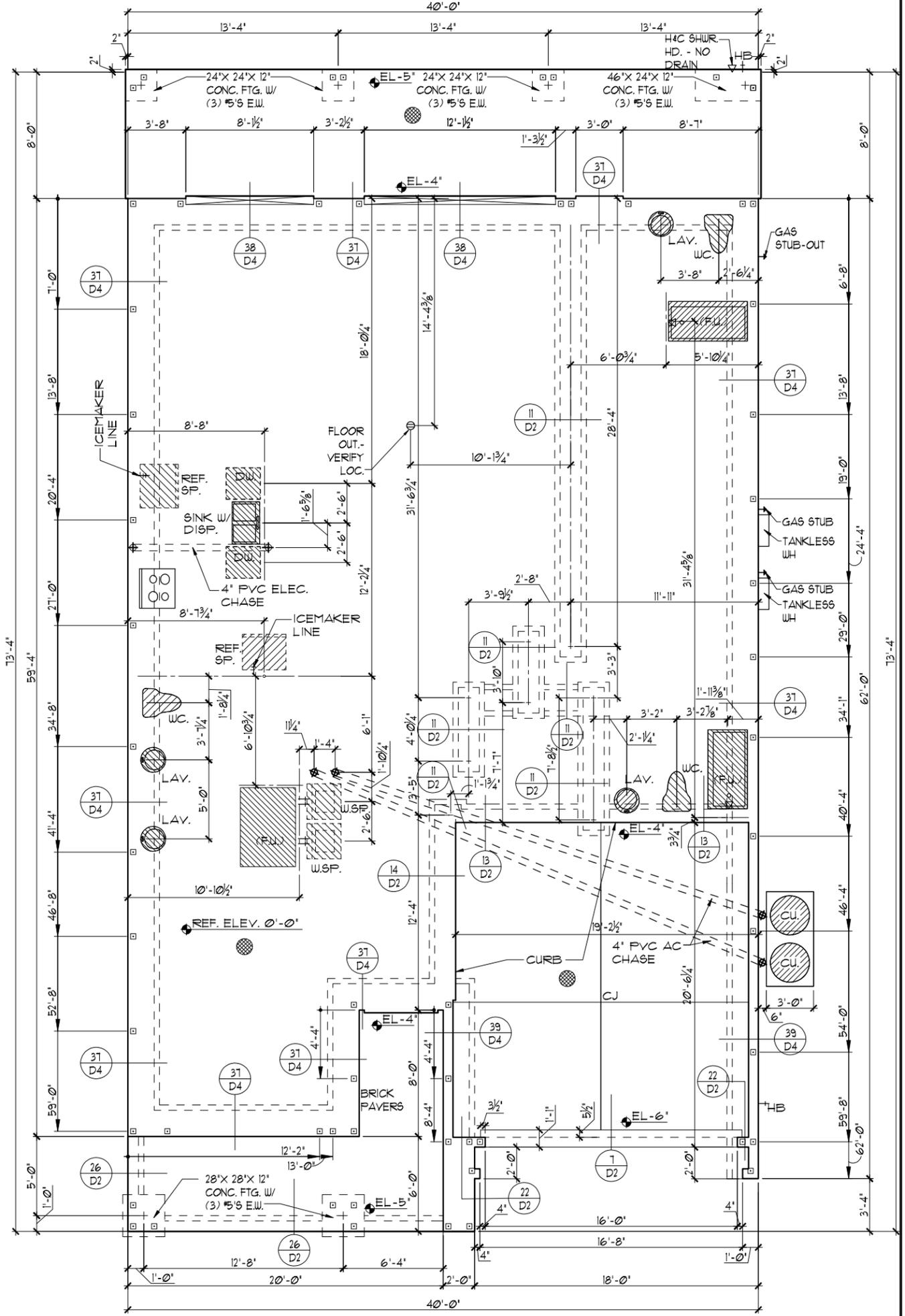
4232

DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 4232
 SHEET 01C.1 OF 01C.1 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.
 - WATER HEATER T & P RELIEF VALVE SHALL BE FULL SIZE TO EXTERIOR WATER HEATER AT OR ABOVE FLOOR LEVEL SHALL BE IN A PAN WITH DRAIN TO EXTERIOR WATER HEATER SHALL HAVE APPROVED THERMAL EXPANSION DEVICE.
 - DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2500 P.S.I. 4" THICK WITH 6X6 10/10 GAUGE REINFORCING MAT. WITH MIN. 1" COVER. TERMITE TREATED SOIL WITH 006mm (6 mil) POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL. WVF SHALL BE PLACED IN MIDDLE TO UPPER THIRD OF SLAB AND SUPPORTED ON APPROVED SLAB BOLSTERS. FIBER MESH REINFORCEMENT MAY BE USED AS ALTERNATIVE TO WIRE MESH.
 - PAVERS MAY BE USED I/O CONCRETE SLABS IN PATIO, PORCH, DRIVE AND WALKWAY AREAS. DELETE SLAB IN AREAS PAVERS ARE USED.
 - ⊗ STANDARD FOOTING
 - MECHANICAL EQUIP. LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
 - IN LIEU OF TREATING THE SOIL, AN ALTERNATIVE TO TERMITE TREATED SOIL CAN BE TERMICIDE.
 - BORA-CARE TO BE APPLIED ON INTERIOR WALLS IAW MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PURSUANT TO CH.482 FLORIDA BUILDING CODE.
 - TYP. TUB/SHUR. VALVE & DRAIN LOCATIONS
-

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



LOT: 0000, PARADISO GRANDE
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REVISIONS BY

FOUNDATION PLAN

REEF
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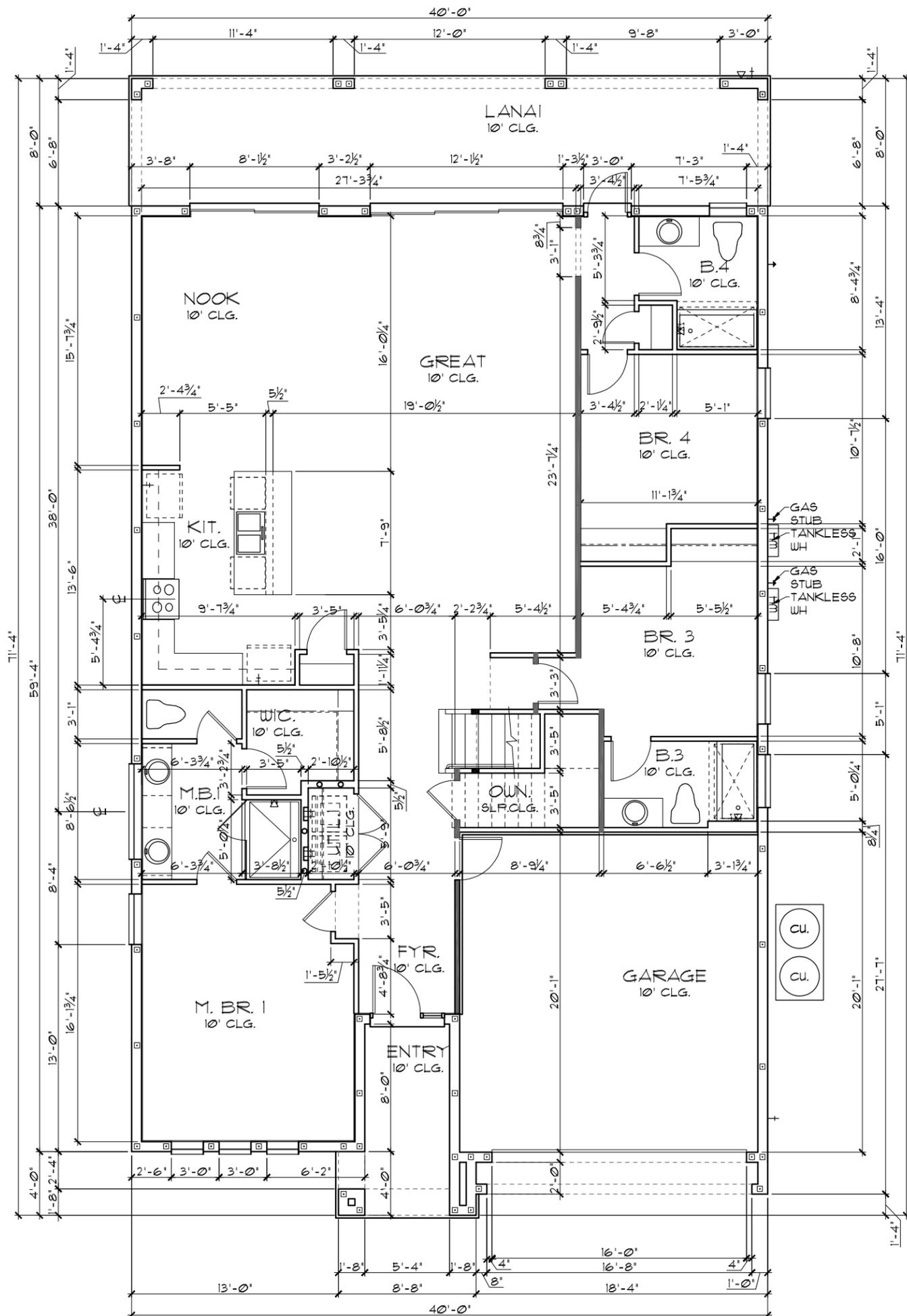
4232
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 4232
 SHEET
01D.0
 OF SHEETS

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

- GENERAL NOTES**
- CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
 - DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
 - ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3/2" UNLESS NOTED OTHERWISE.
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FLOOR PLAN W/ DIMENSIONS "A"

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



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PARADISO GRANDE

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DRAWN	RDC
JOB	4232
SHEET	02A.0
OF SHEETS	02A.0

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FLOOR PLAN W/ DIMENSIONS
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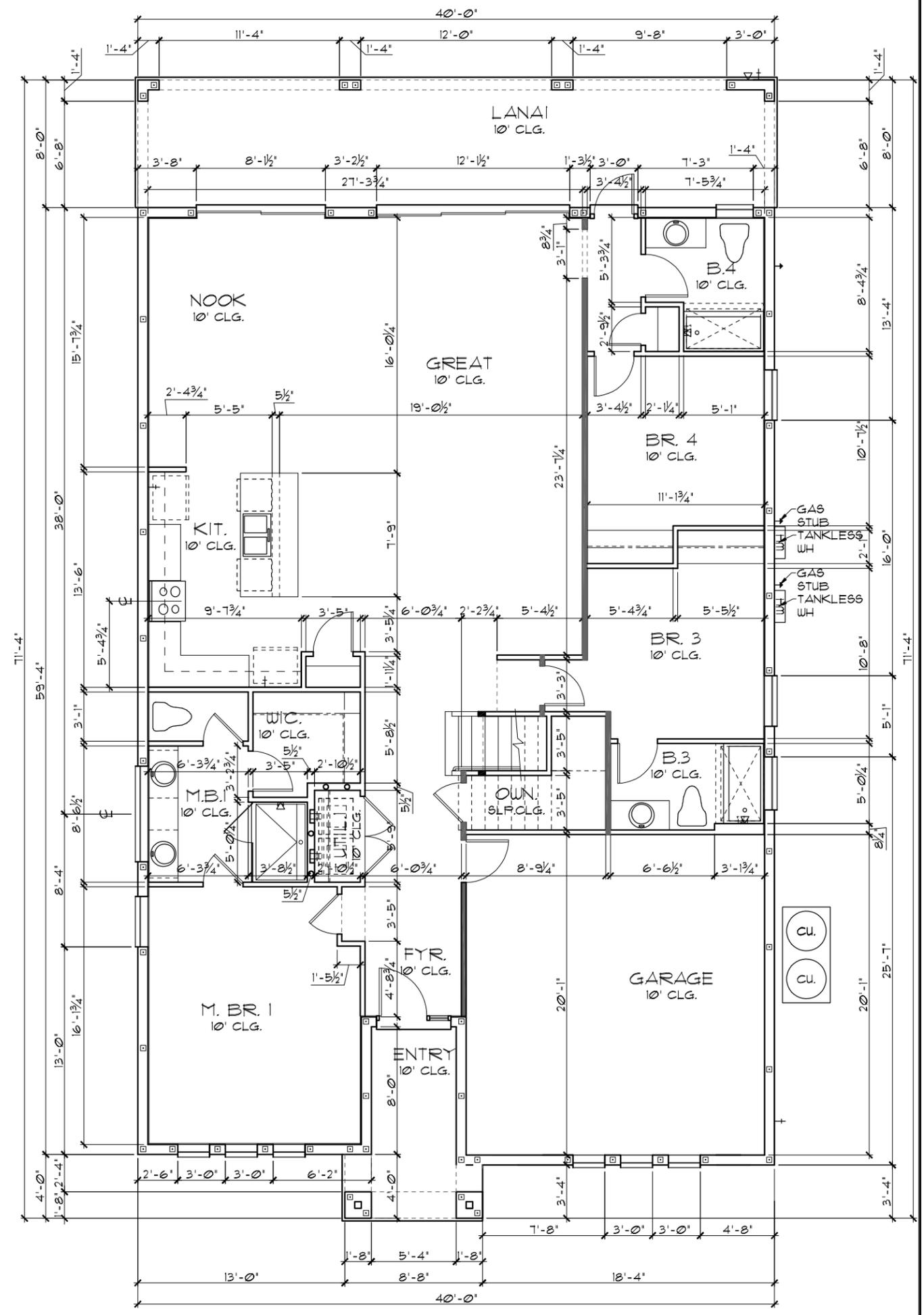
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TABULATION	
UPPER LIVING	2,294 SF.
LOWER LIVING	1,938 SF.
TOTAL LIVING	4,232 SF.
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ENTRY	113 SF.
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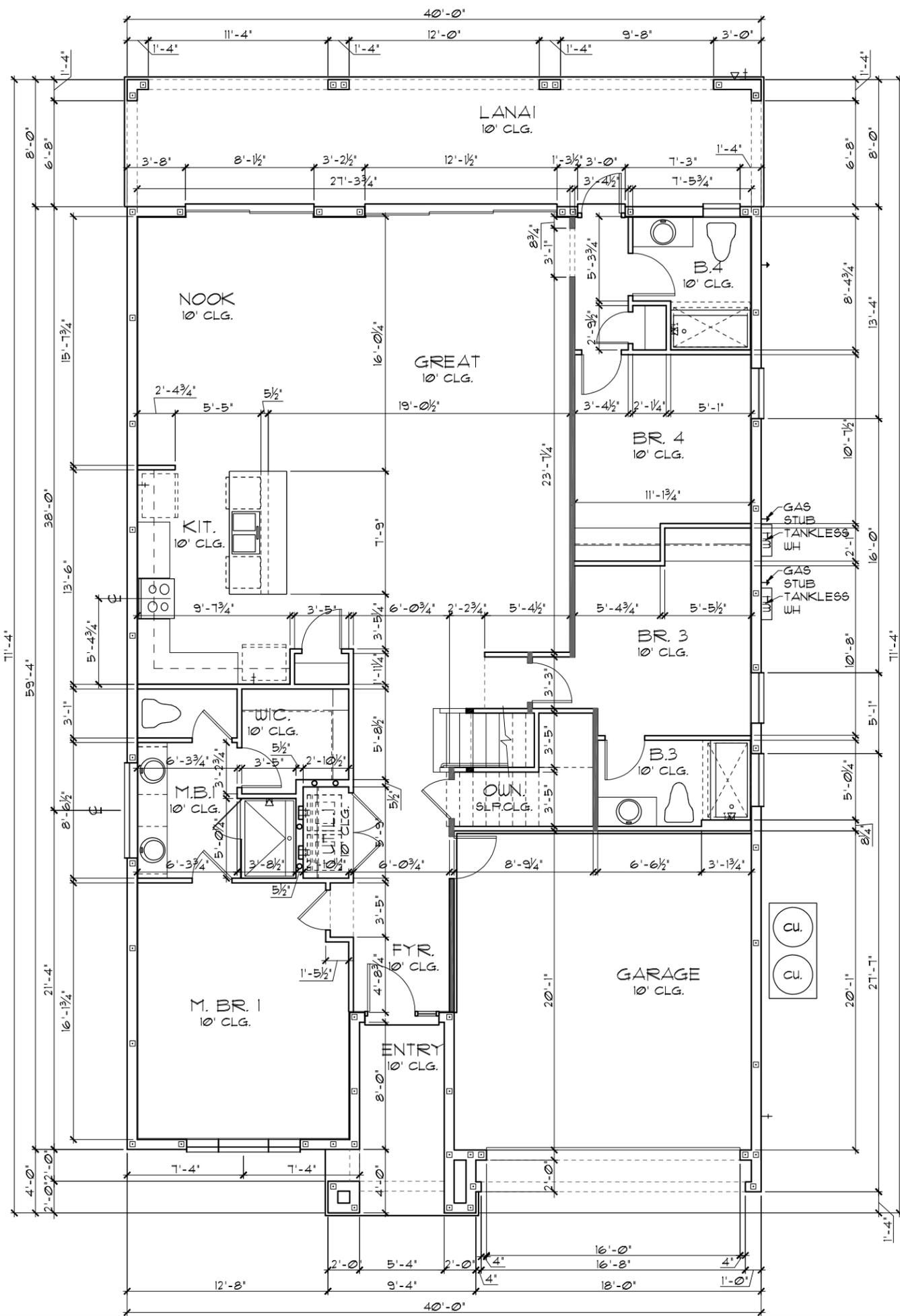
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REVISIONS DATE SCALE AS NOTED DRAWN RDC JOB 4232 SHEET	BY SHEETS
4232	
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PARADISO GRANDE	
FLOOR PLAN W/ DIMENSIONS	
Park Square HOMES	

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"
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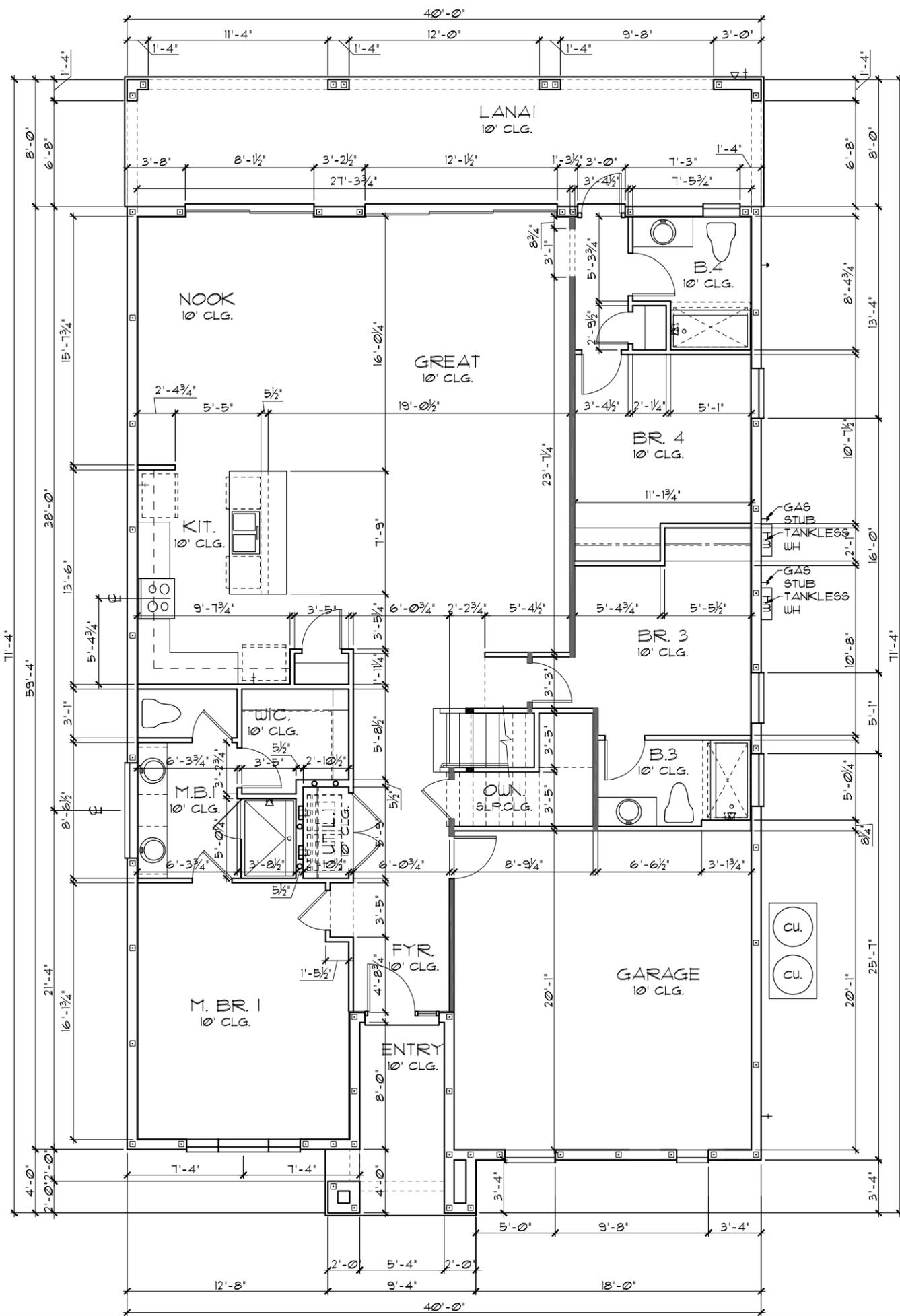
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REVISIONS BY	DATE
FLOOR PLAN W/ DIMENSIONS	
PARADISO GRANDE	
4232	DATE 04-09-21
SCALE AS NOTED	
DRAWN RDC	JOB 4232
SHEET	SHEETS
02B.0	

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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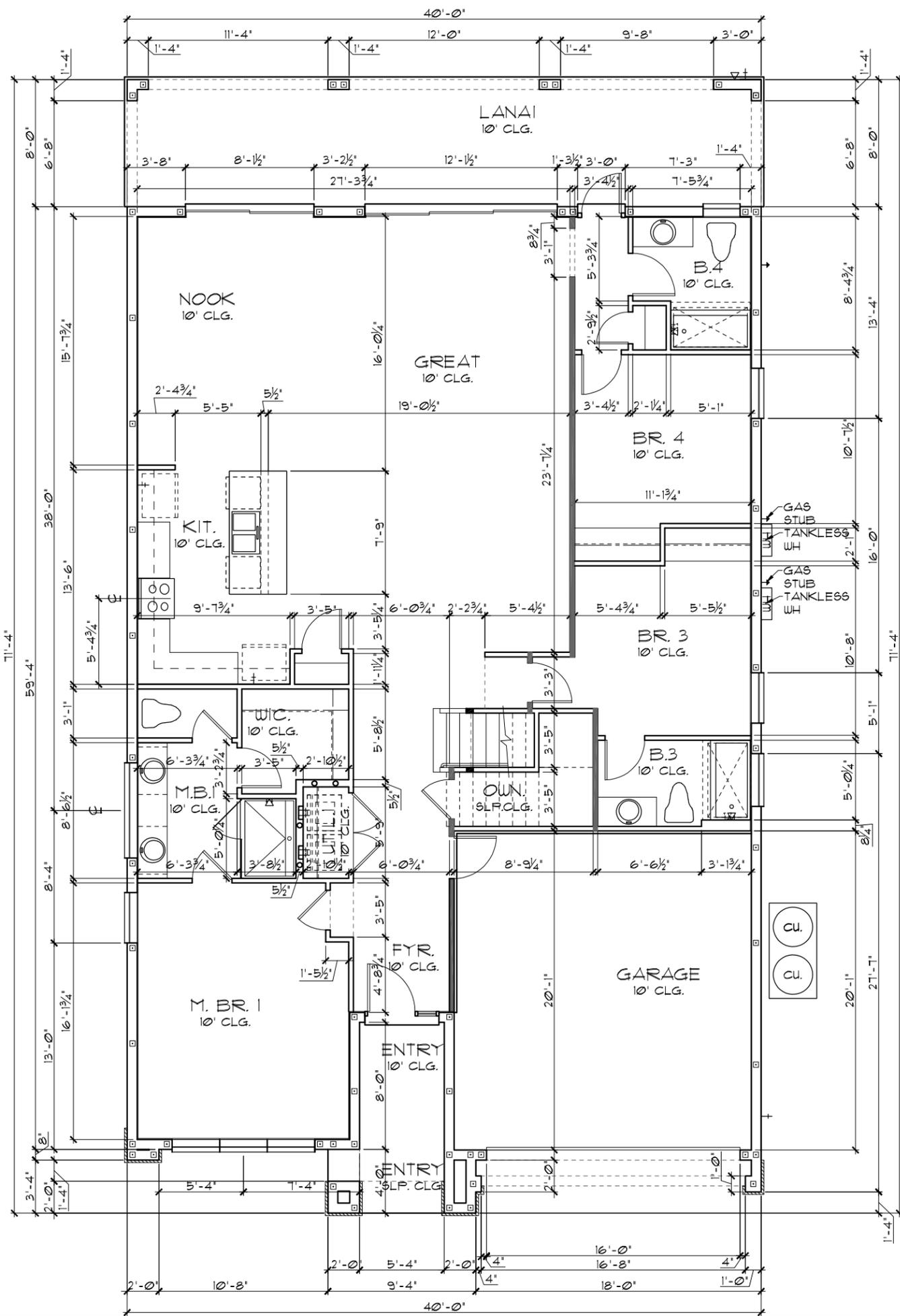
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TABULATION	
UPPER LIVING	2294 SF.
LOWER LIVING	1938 SF.
TOTAL LIVING	4232 SF.
GARAGE	407 SF.
ENTRY	115 SF.
LANAI	320 SF.
TOTAL UNDER ROOF	5074 SF.

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

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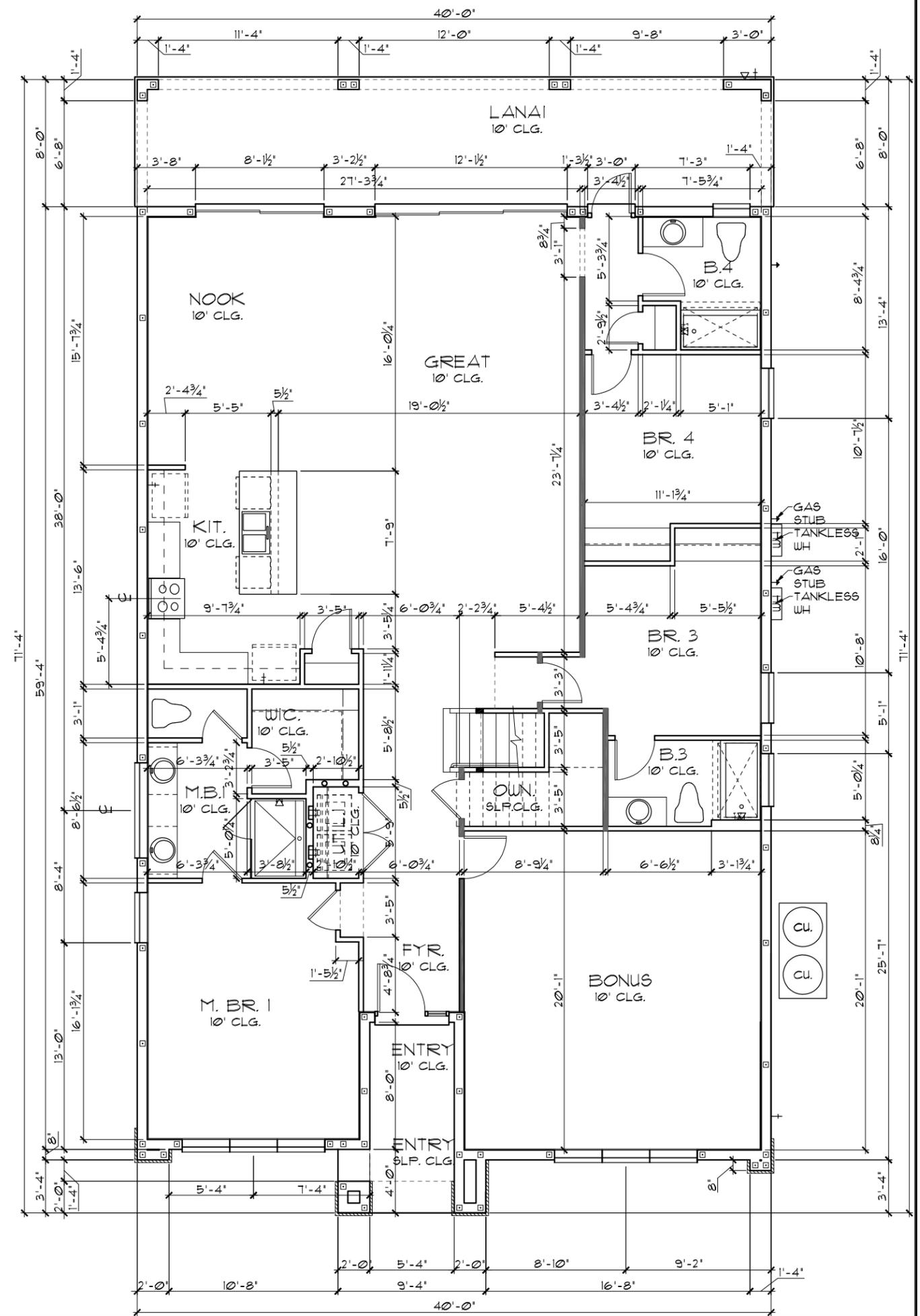
DATE 04-09-21
 SCALE AS NOTED
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 JOB 4232
 SHEET

02C.0
 SHEETS

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	5,074 SF.

- GENERAL NOTES**
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FLOOR PLAN W/ DIMENSIONS "C"
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JOB 4232
SHEET 02C.1
OF 1 SHEETS

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

DEAD LOADS

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

FLOOR LIVE LOADS

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

ROOF LIVE LOADS

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

0-12 < 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: +/- I.B, INCLUDED INTERNAL PRESSURE IN NOTE #6 COEFFICIENT:
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:

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

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

- GENERAL NOTES**
- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
 - VENT DRYER THRU ROOF.
 - PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
 - DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
 - MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
 - | | |
|-----------|---|
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ 10'-0" A.F.F. |
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ X'-0" A.F.F. |
 - REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
 - REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
 - ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M1307.2
 - ALL INTER. FIRST FLOOR CEILING AT 10'-0" UNLESS NOTED OTHERWISE.
ALL INTER. SECOND FLOOR CEILING 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". MIN. NET CLEAR OPNG. FOR GRADE-FLOOR EMERGENCY ESCAPE AND RESCUE OPNG. SHALL BE - 9 SQFT
SH25	63" H. X 31" W. WDW SIZE	

- 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 72" 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

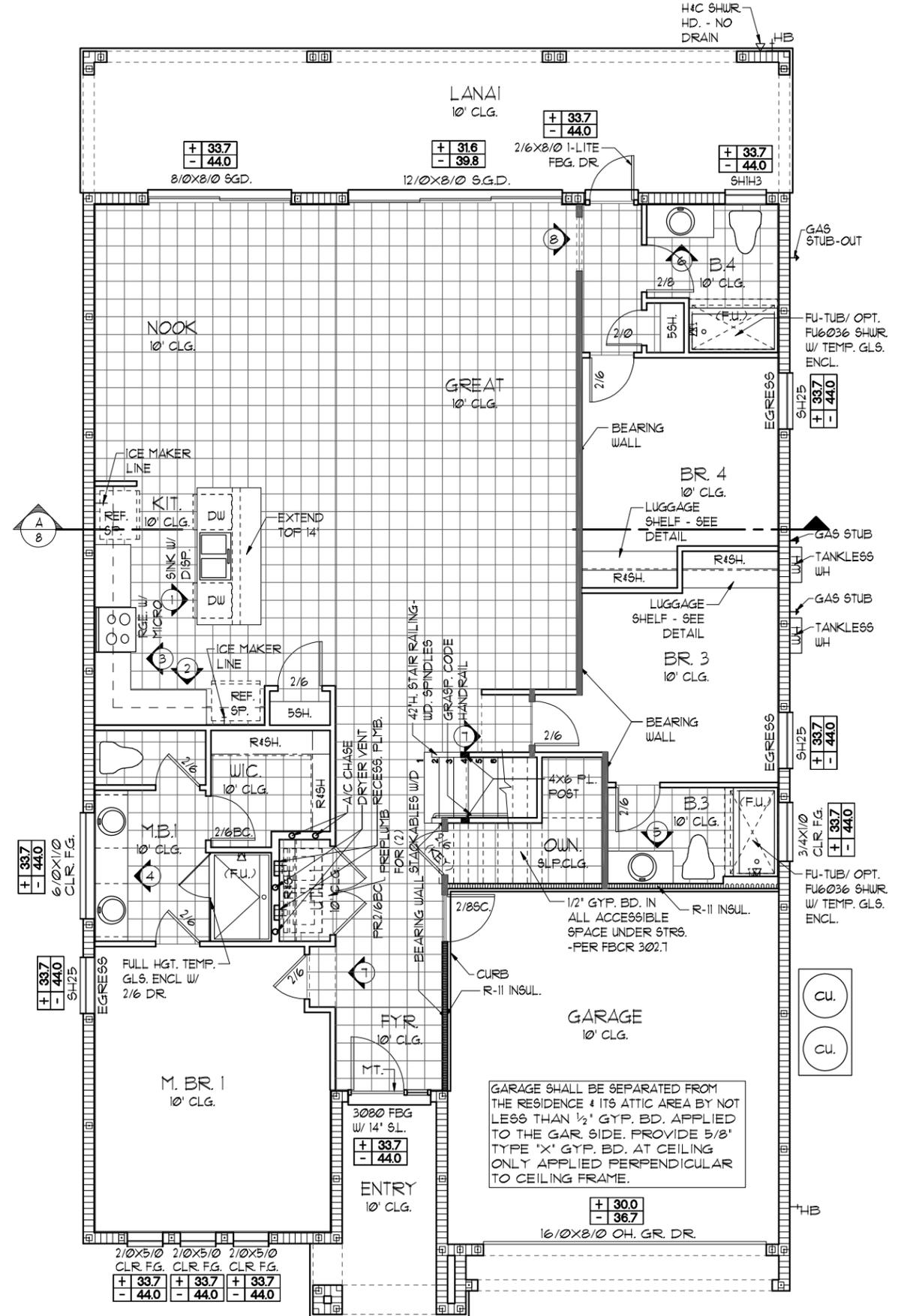
PER FBC R312- R312.12 & R312.13 & R312.18.1

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

NOTE: HANDRAIL CONTINUITY PER R311.18.2 - HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEVEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1 1/2" (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

LOT: 0000, PARADISO GRANDE

PARADISO GRANDE
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 PARADISO GRANDE
 4232
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 SCALE AS NOTED
 DRAWN RDC
 JOB 4232
 SHEET
03A.0
 SHEETS

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Park Square Homes
 FLOOR PLAN W/ NOTES

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

DEAD LOADS

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

ROOF: LIVE LOADS

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

FLOOR LIVE LOADS

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

ROOF LIVE LOADS

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

0-12 < 4:12	20	16	12
> 4:12 < 12:12	16	14	12
> 12:12	12	12	12

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: +/-, INCLUDED INTERNAL PRESSURE IN NOTE #6 COEFFICIENT
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE

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

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

GENERAL NOTES

- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
- VENT DRYER THRU ROOF.
- PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
- DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
- MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
- | | |
|-----------|---|
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ 10'-0" A.F.F. |
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ X'-0" A.F.F. |
- REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
- REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
- ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M1307.2
- ALL INTER. FIRST FLOOR CEILING AT 10'-0" UNLESS NOTED OTHERWISE.
ALL INTER. SECOND FLOOR CEILING 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". MIN. NET CLEAR OPNG. FOR GRADE-FLOOR EMERGENCY ESCAPE AND RESCUE OPNG. SHALL BE - 9 SQFT
SH25	63" H. X 31" W. WDW SIZE	

- 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 72" 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 & R312.13.1

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 NEVEL 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

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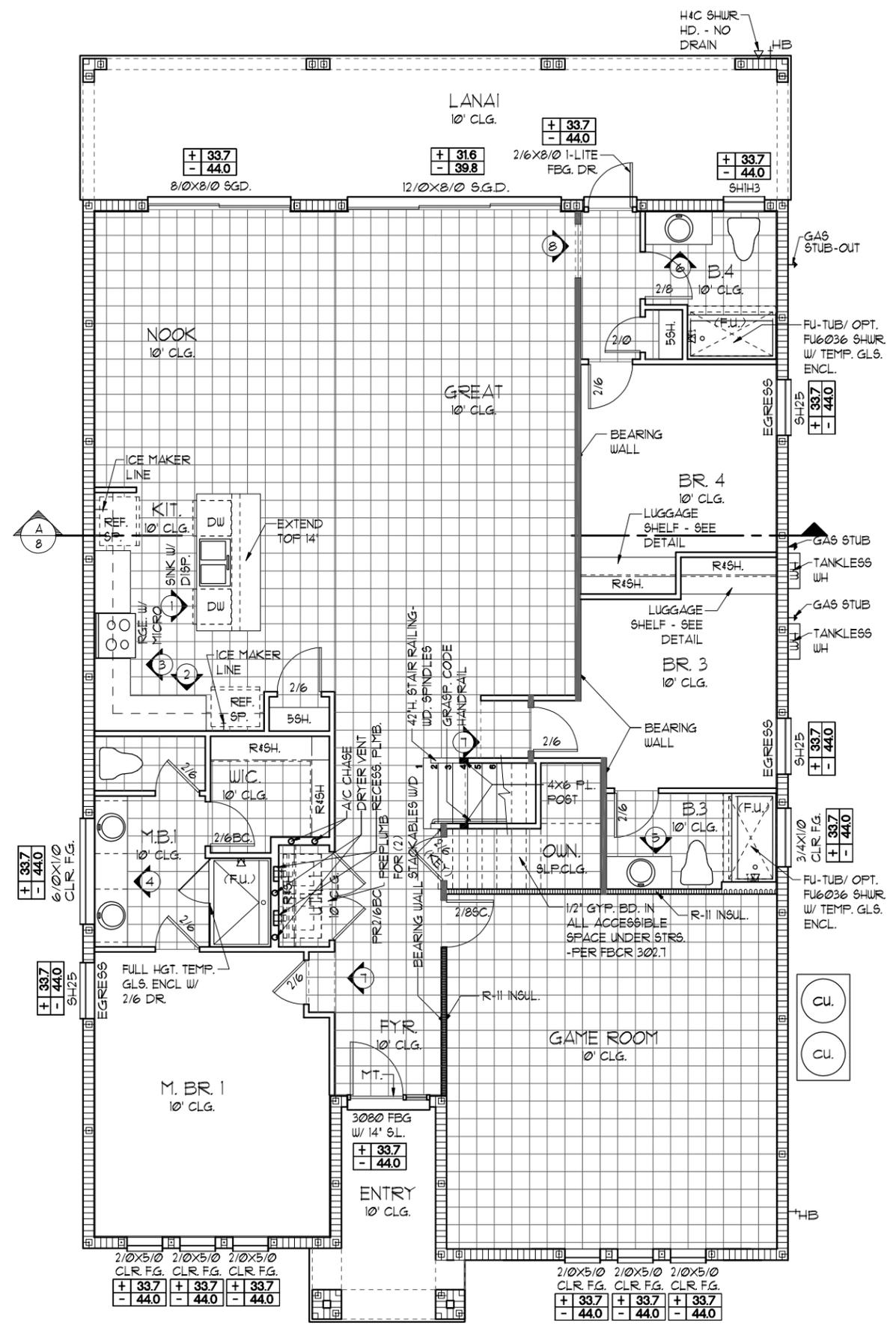
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FLOOR PLAN W/ NOTES "A"
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 000, PARADISO GRANDE

PARADISO GRANDE
 FLOOR PLAN W/ NOTES
 REEF
 PARADISO GRANDE
 4232
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 4232
 SHEET
03A.1
 SHEETS

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Park Square
 HOMES

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

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:	40 PSF
SLEEPING ROOM:	30 PSF
STAIR LIVE LOAD:	40 PSF
BALCONIES:	40 PSF
PASSENGER VEHICLE GARAGE:	50 PSF

ROOF LIVE LOADS

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

0-12 < 4:12	20	16	12
> 4:12 < 12:12	16	14	12
> 12:12	12	12	12

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: +/-, INCLUDED INTERNAL PRESSURE COEFFICIENT: 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**
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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:

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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

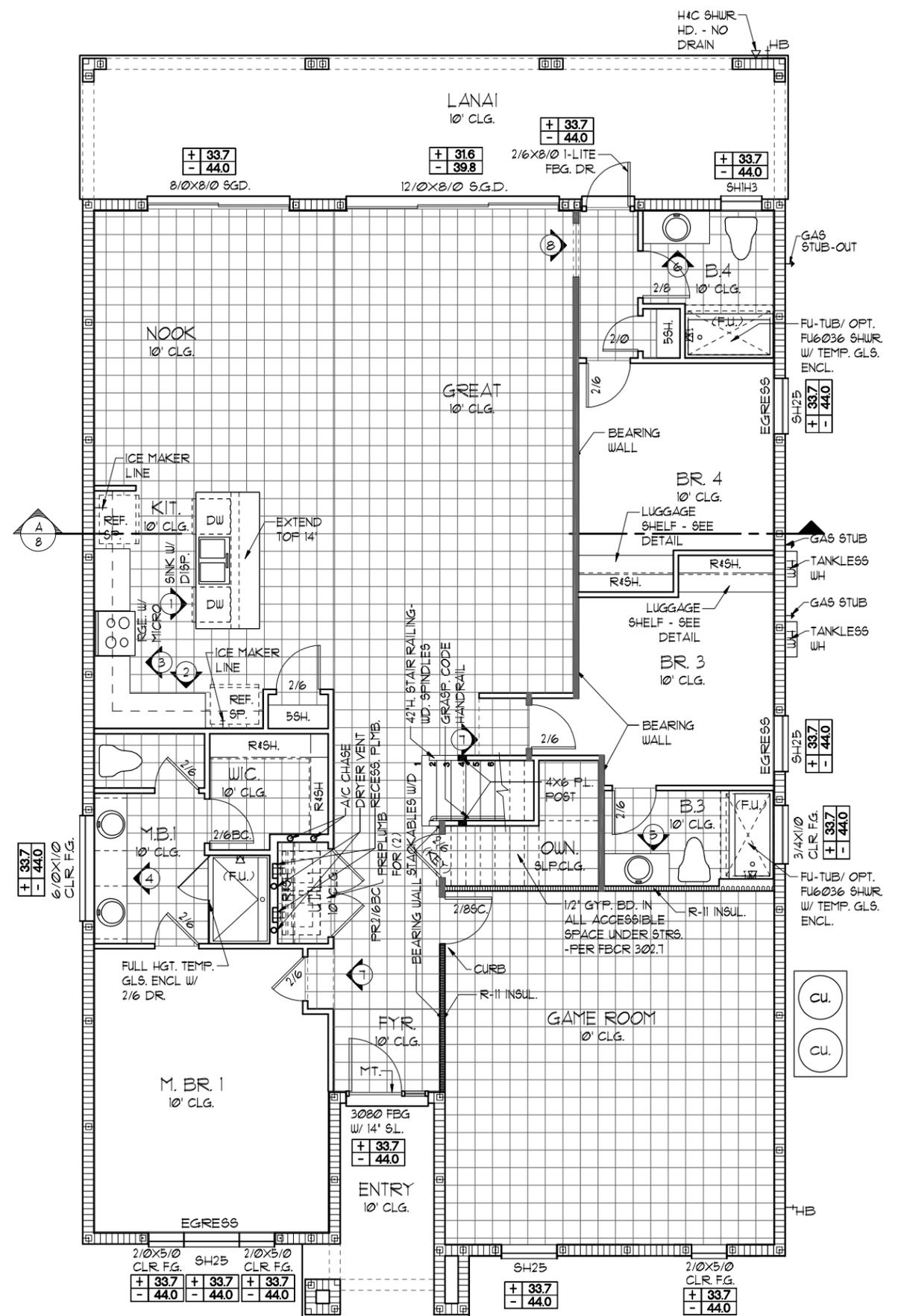
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FLOOR PLAN W/ NOTES "B"
1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 000, PARADISO GRANDE

PARADISO GRANDE
 FLOOR PLAN W/ NOTES
 REEF
 PARADISO GRANDE
 4232
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 4232
 SHEET 03B.1 OF SHEETS

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

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Park Square HOMES

REVISIONS BY

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

DEAD LOADS

FLOOR: STRUCTURE	1 PSF
CEILING	3 PSF
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PARTITIONS	5 PSF
TOTAL	20 PSF
ROOF: SHEATHING	5 PSF
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 - | | |
|--|---|
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EERO - R310.2.1 - FBCR2023

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PER FBC R301- TABLE R301.5

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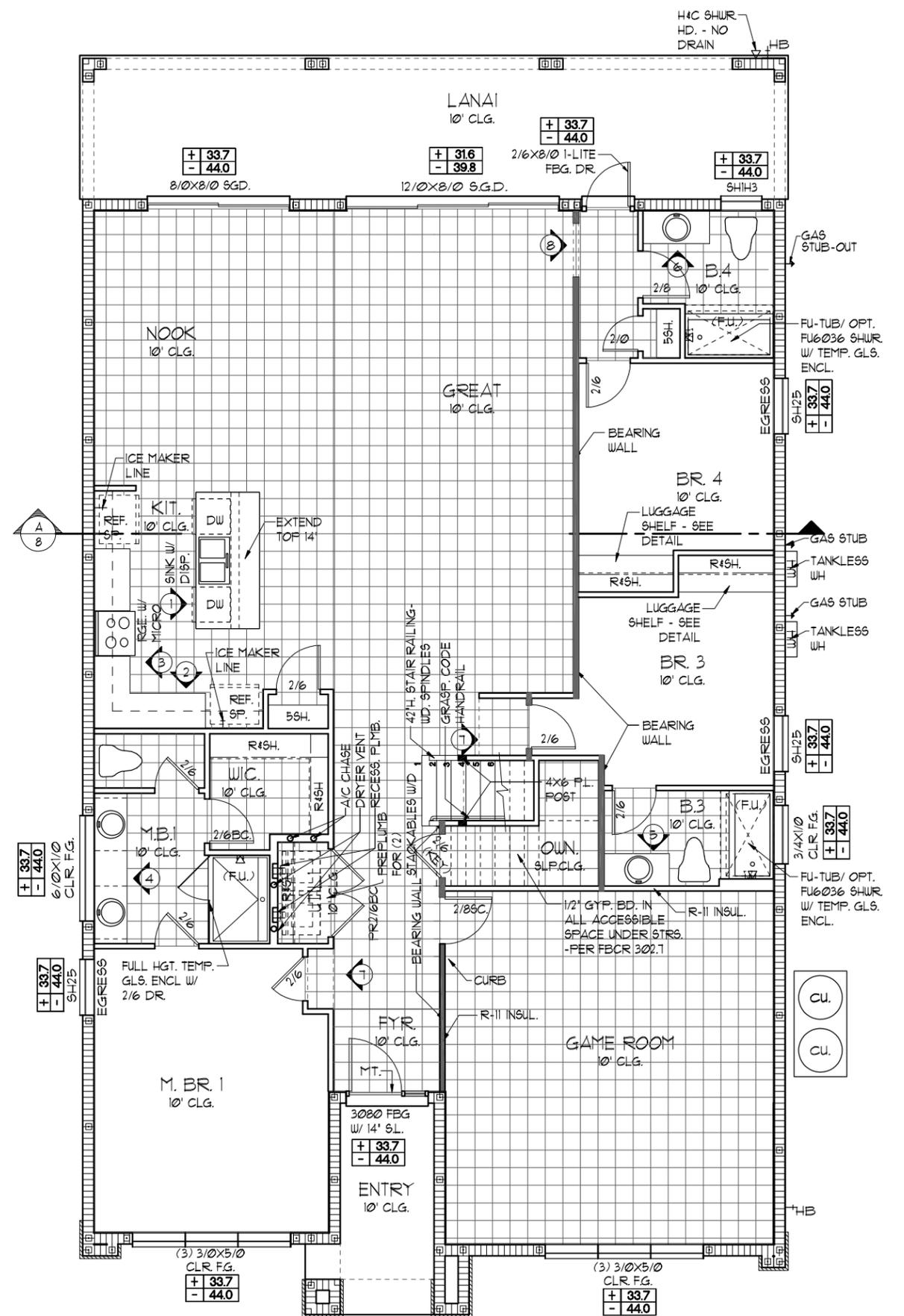
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FLOOR PLAN W/ NOTES "C"
1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 000, PARADISO GRANDE

PARADISO GRANDE

FLOOR PLAN W/ NOTES

REEF

PARADISO GRANDE

4232

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 4232

SHEET

03C.1

SHEETS

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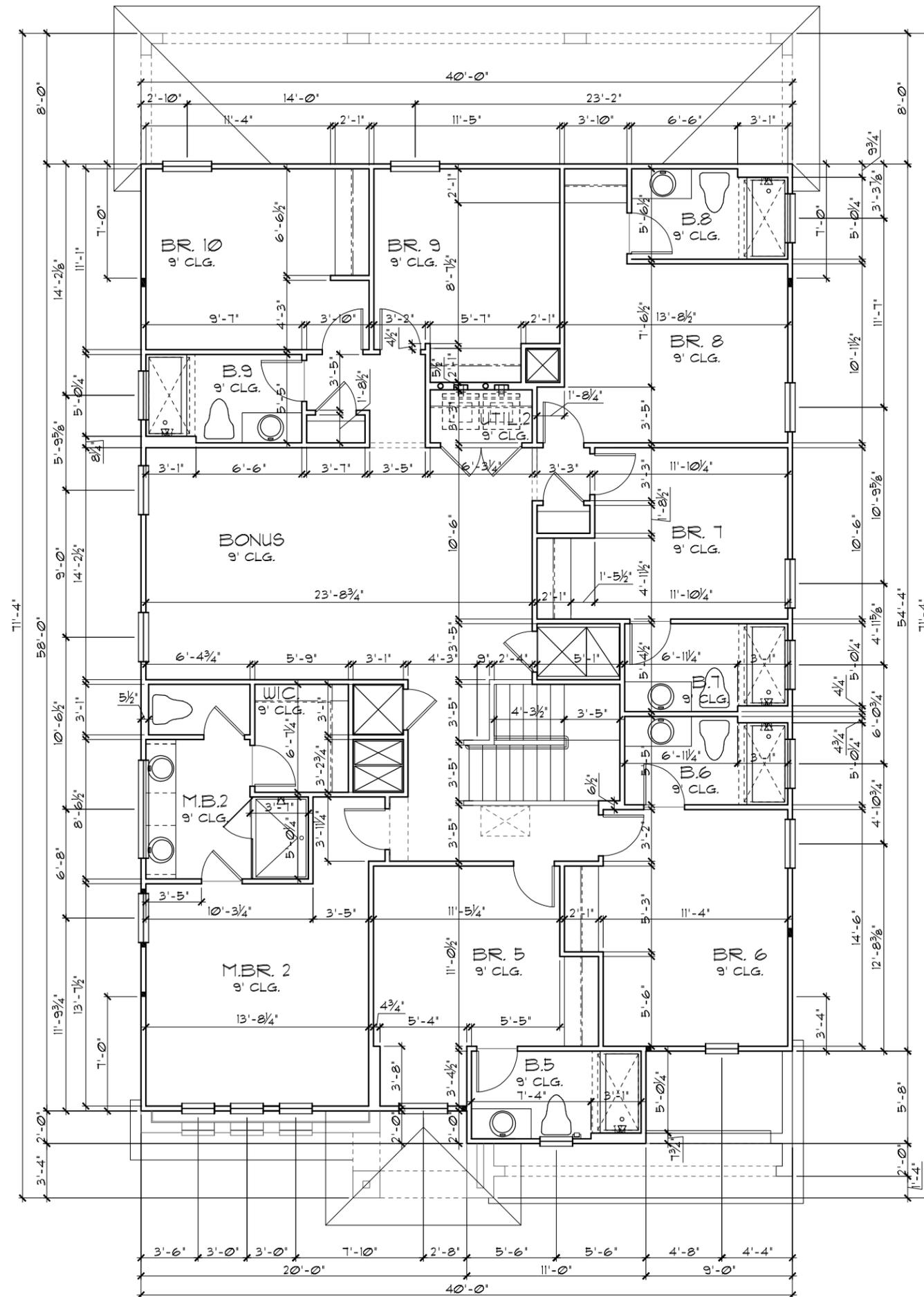
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 5200 Vineland Road, Suite 200
 Orlando, Florida, 32811
 Phone: (407) 529 - 3000

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

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

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



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PARADISO GRANDE

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SCALE	AS NOTED
DRAWN	RDC
JOB	4232
SHEET	04A.0
OF SHEETS	04

REEF
PARADISO GRANDE

UPPER FLOOR PLAN W/
DIMENSIONS

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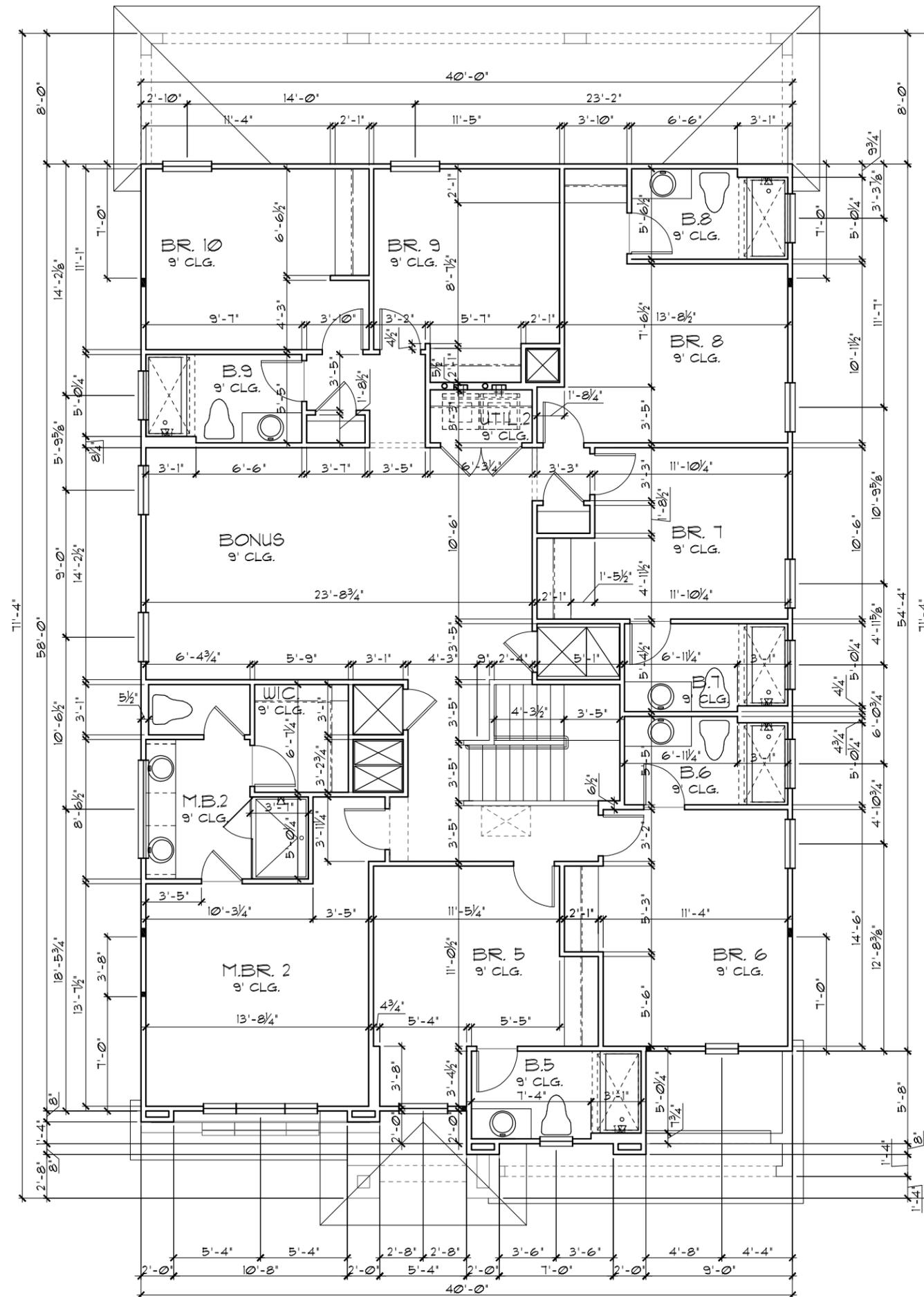
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THOMPSON ENGINEERING GROUP, INC.
10000 Lake Nona Blvd., Suite 100
Orlando, FL 32826
Tel: (407) 734-1400
Fax: (407) 734-1700
www.iteg.com

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UPPER FLOOR PLAN W/
DIMENSIONS "B"

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

UPPER FLOOR PLAN W/
DIMENSIONS

Park Square
HOMES

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ITEG
HARRISON ENGINEERING GROUP, INC.
10000 South Orange Avenue, Suite 100
Orlando, FL 32817
Tel: (407) 734-1400
Fax: (407) 734-1700
www.iteg.com

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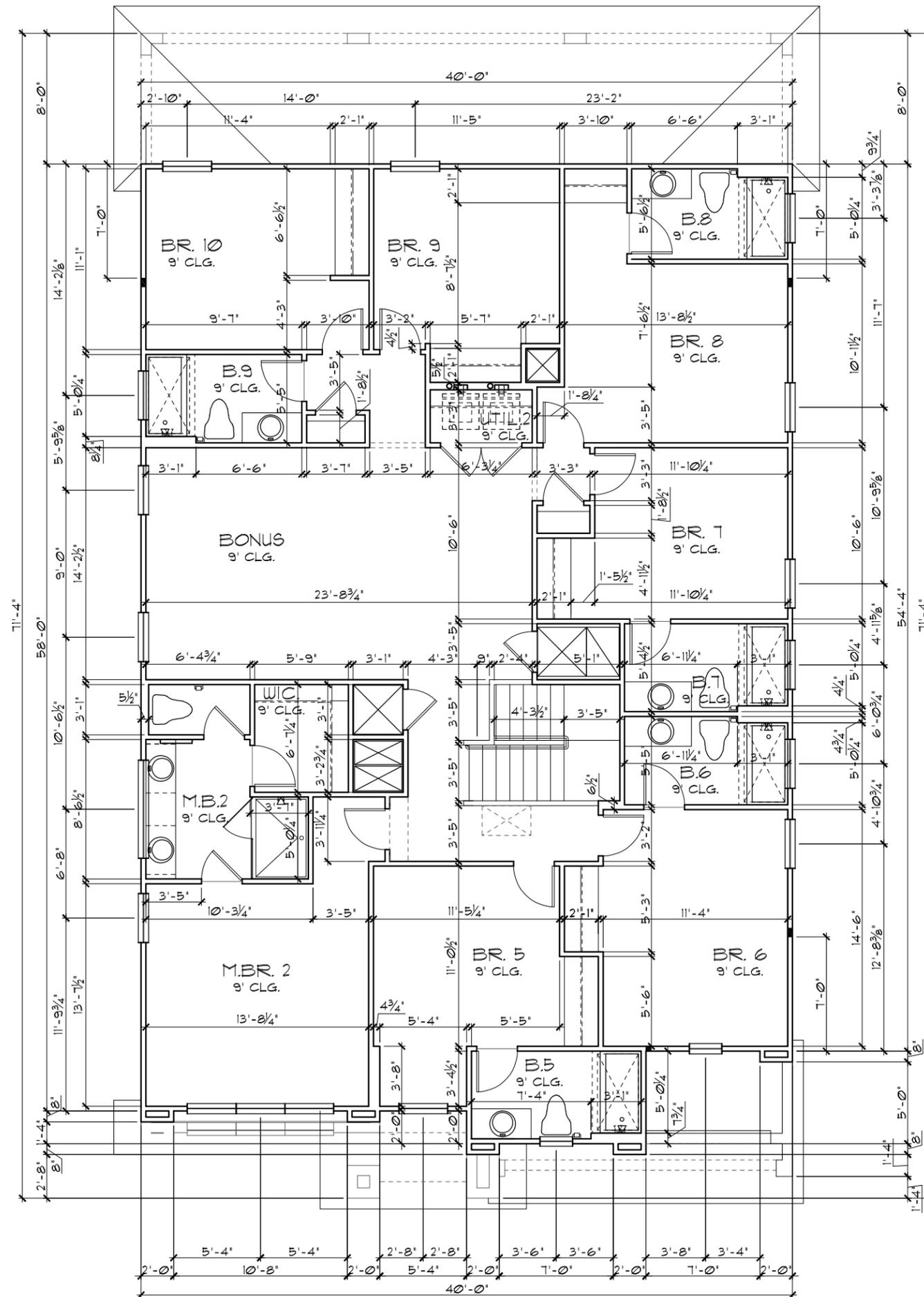
PARADISO GRANDE

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PARADISO GRANDE

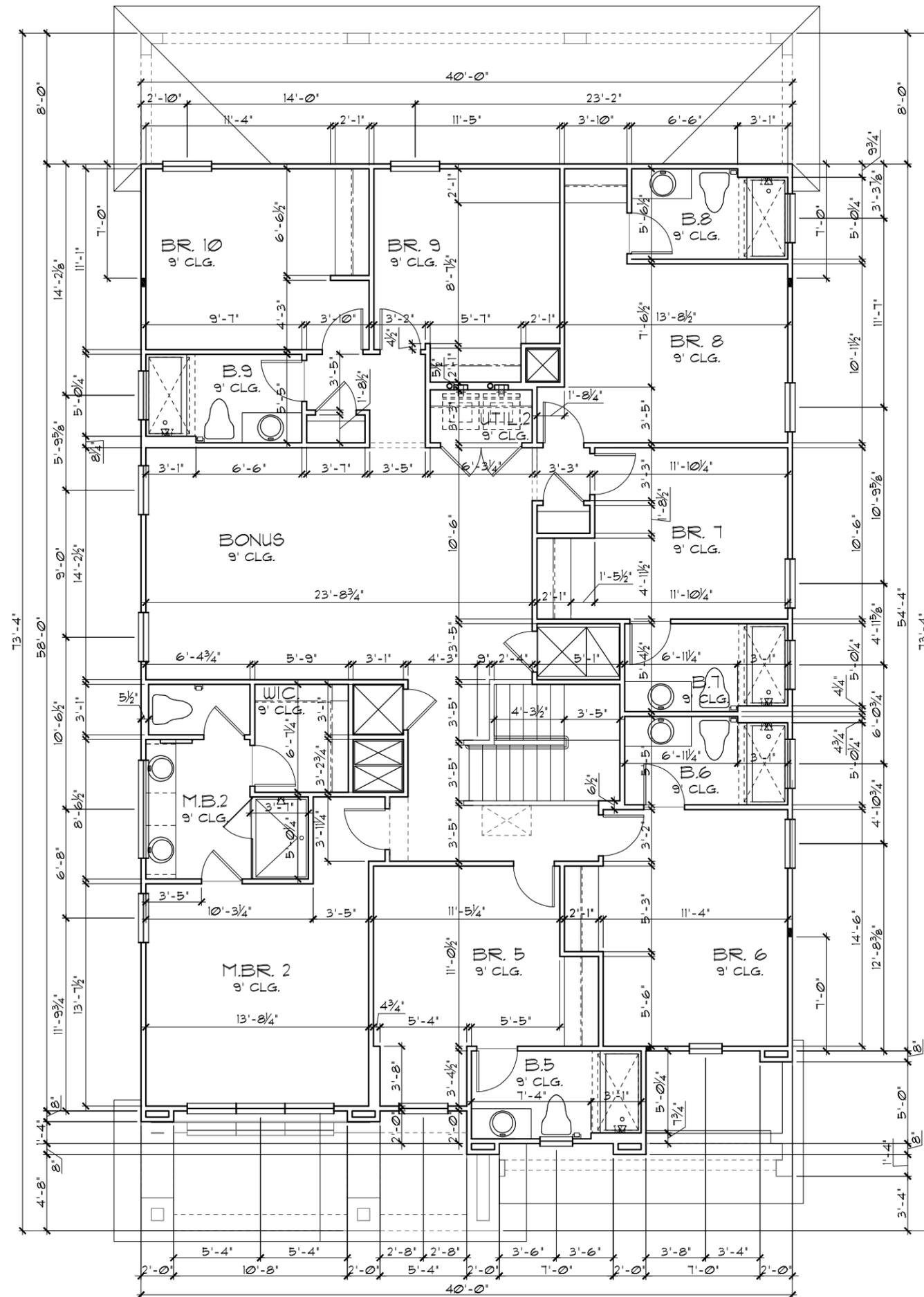
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DATE	04-09-21
SCALE	AS NOTED
DRAWN	RDC
JOB	4232
SHEET	04C.0
REVISIONS	BY
<p>ITEG HARRISON ENGINEERING GROUP, INC. 10000 W. US HWY 1 ORLANDO, FLORIDA 32817 TEL: (407) 734-1400 FAX: (407) 734-1700 WWW.ITEG.COM</p>	
<p>A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida, 32811 Phone: (407) 529 - 3000</p>	
<p>UPPER FLOOR PLAN W/ DIMENSIONS</p>	
<p>REEF PARADISO GRANDE</p>	
<p>4232</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.
 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 "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

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

REEF
PARADISO GRANDE

UPPER FLOOR PLAN W/
DIMENSIONS

Park Square HOMES
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www.iteg.com

REVISIONS	BY

PARADISO GRANDE

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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
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: +/-, IS, INCLUDED INTERNAL PRESSURE IN NOTE #6 COEFFICIENT
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE

DESIGN WIND PRESSURE IAW FLA
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 - 9 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 72" 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 & R312.1.8.1

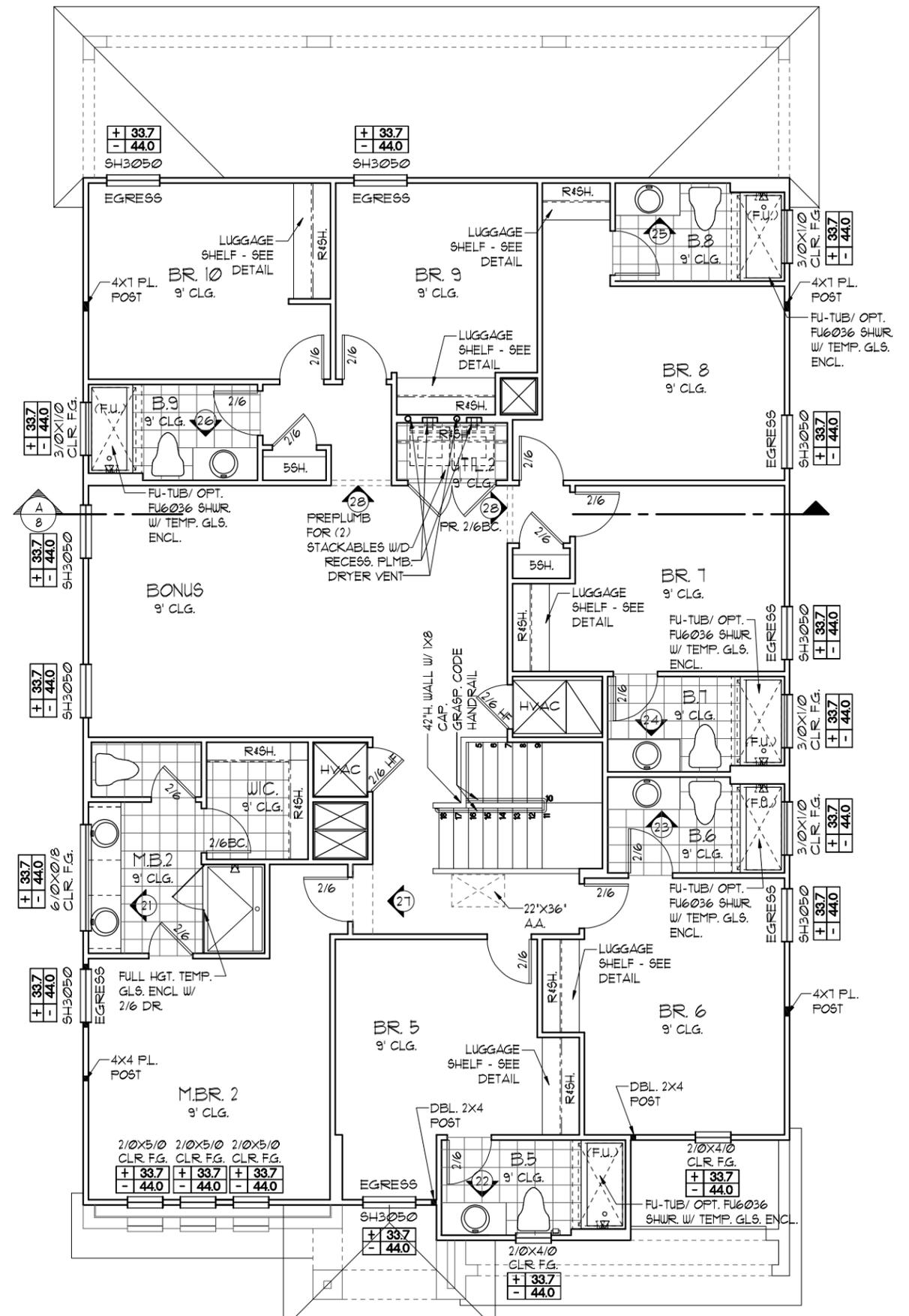
GUARDRAILS HEIGHT	36" MIN.
HANDRAIL HEIGHT	34" MIN. TO 38" MAX.
GUARDRAIL OPENING LIMITATIONS	4" IN DIAMETER MAX.

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

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

PARADISO GRANDE

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REVISIONS BY

FLOOR PLAN W/ NOTES

REFEER PARADISO GRANDE

4232

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

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

DEAD LOADS

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

ROOF LIVE LOADS

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

FLOOR LIVE LOADS

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

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

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

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

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

+XXX DESIGN WIND PRESSURE IAW FLA
-XXX RESIDENTIAL CODE, SECTION R301
NOTE: DESIGN PRESSURES BASED ON BASIC WIND SPEED AND NOT ULTIMATE WIND SPEED.

GENERAL NOTES

- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
- VENT DRYER THRU ROOF.
- PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
- DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
- MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
- | | |
|--|---|
| | DENOTES CONC. BLOCK WALL HGT. @ 10'-0" A.F.F. |
| | DENOTES CONC. BLOCK WALL HGT. @ X'-0" A.F.F. |
- REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
- REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
- ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: 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 - 9 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 72" 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 & R312.18.1

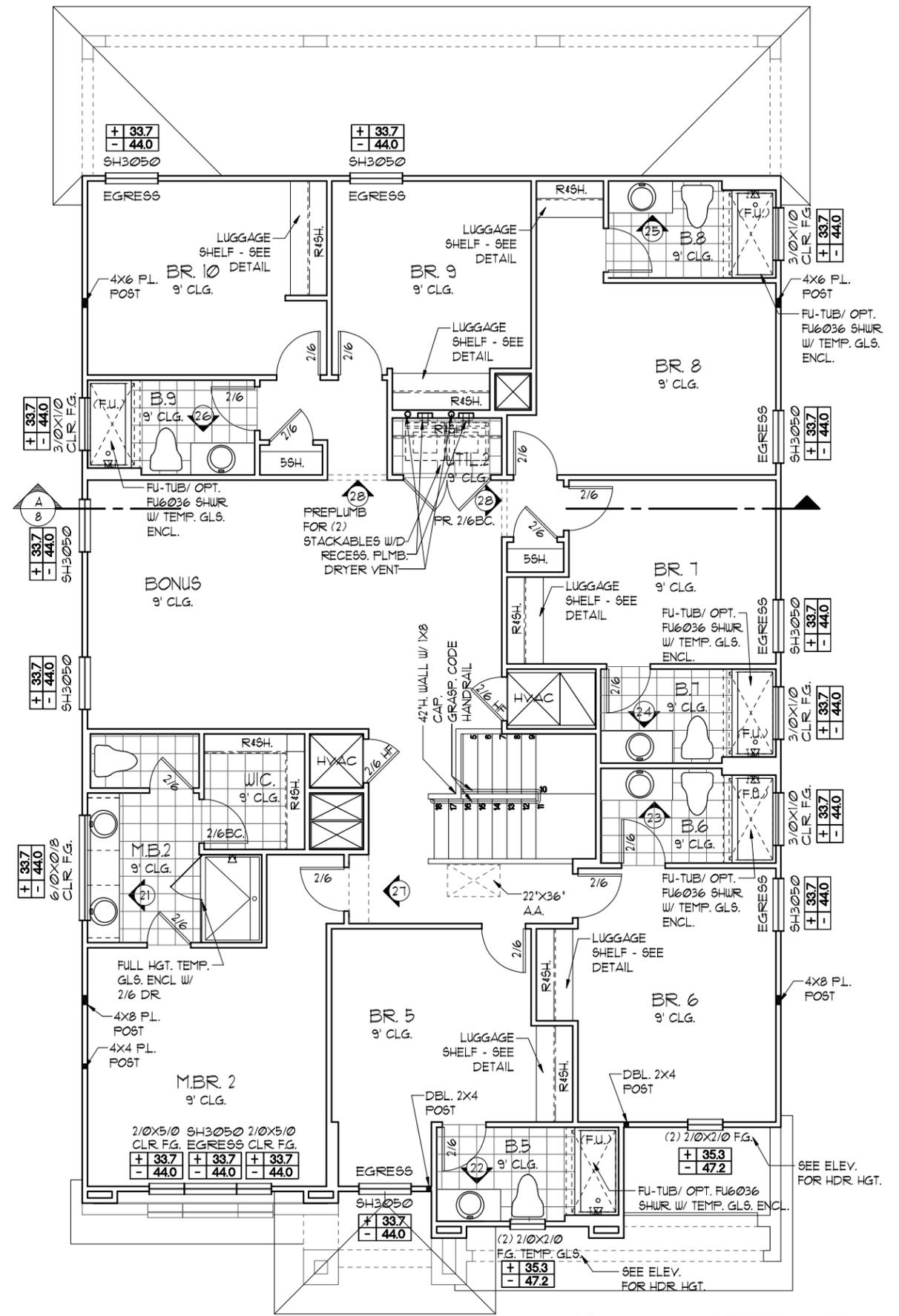
GUARDRAILS HEIGHT	36" MIN.
HANDRAIL HEIGHT	34" MIN. TO 38" MAX.
GUARDRAIL OPENING LIMITATIONS	4" IN DIAMETER MAX.

NOTE: HANDRAIL CONTINUITY PER R311.18.2 - HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT, FROM 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 "B"

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



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 000, PARADISO GRANDE
THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

PARADISO GRANDE

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Orlando, FL 32817
Tel: (407) 744-1400
www.iteg.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

05B.0

OF SHEETS

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" A.F.F. |
| | DENOTES CONC. BLOCK WALL HGT. @ X'-0" A.F.F. |
- REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
- REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
- ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M1307.1 - M1307.2
- ALL INTER. FIRST FLOOR CEILINGS AT 10'-0" UNLESS NOTED OTHERWISE.
ALL INTER. SECOND FLOOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.

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

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'. MIN. NET CLEAR OPNG. FOR GRADE-FLOOR EMERGENCY ESCAPE AND RESCUE OPNG. SHALL BE - 9 SQFT
SH25	63" H. X 31" W. WDW SIZE	

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 72" 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 & R312.1.8.1

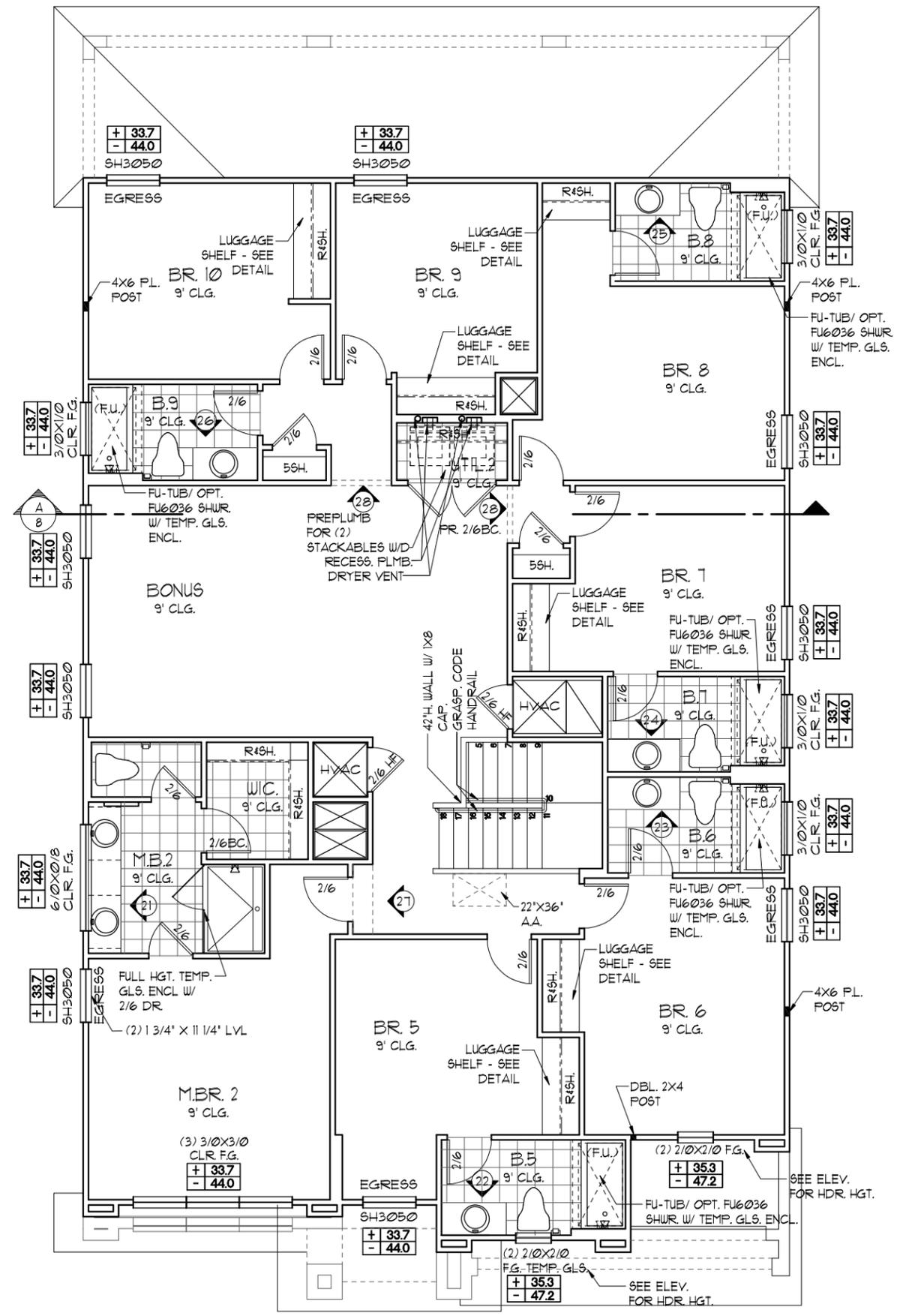
GUARDRAILS HEIGHT	36" MIN.
HANDRAIL HEIGHT	34" MIN. TO 38" MAX.
GUARDRAIL OPENING LIMITATIONS	4" IN DIAMETER MAX.

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

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



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

LOT: 000, PARADISO GRANDE
THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

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REVISIONS BY

FLOOR PLAN W/ NOTES

REF

PARADISO GRANDE

4232

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 4232

SHEET

05C.0

OF SHEETS

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

DEAD LOADS

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

ROOF: LIVE LOADS

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

FLOOR LIVE LOADS

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

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

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

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

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

+ XXX DESIGN WIND PRESSURE IAW FLA
- XXX RESIDENTIAL CODE, SECTION R301
NOTE: DESIGN PRESSURES BASED ON BASIC WIND SPEED AND NOT ULTIMATE WIND SPEED.

GENERAL NOTES

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

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

S425	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".
S425	63" H. X 31" W. WDW SIZE	MIN. NET CLEAR OPNG. FOR GRADE-FLOOR EMERGENCY ESCAPE AND RESCUE OPNG. SHALL BE - 9 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 72" 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 & R311.18.1

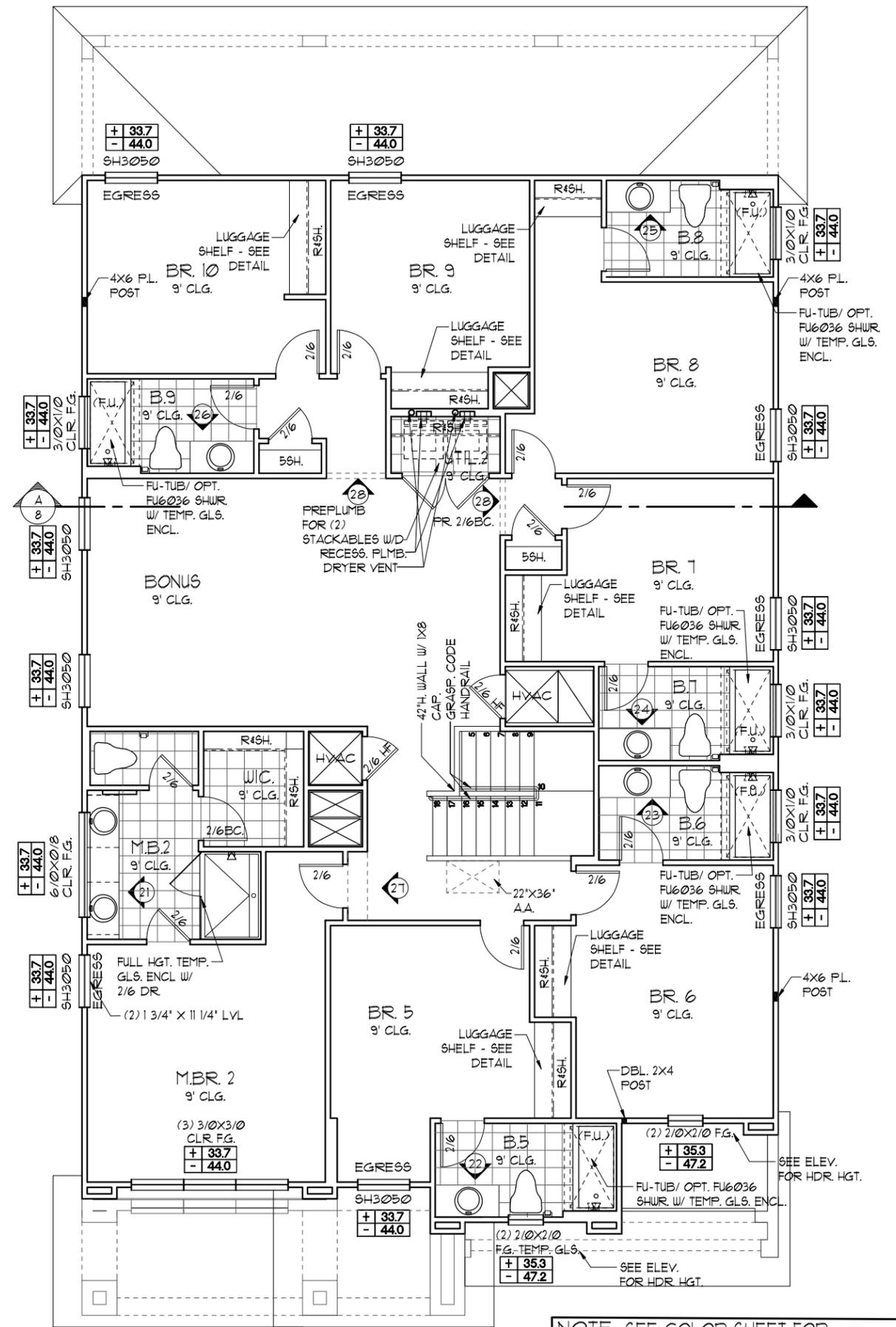
GUARDRAILS HEIGHT	36" MIN.
HANDRAIL HEIGHT	34" MIN. TO 38" MAX.
GUARDRAIL OPENING LIMITATIONS	4" IN DIAMETER MAX.

NOTE: HANDRAIL CONTINUITY PER R311.18.2 - HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT, TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEVEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1 1/2" (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 "D"

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



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FLOOR PLAN W/ NOTES

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REFEER PARADISO GRANDE

4232

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

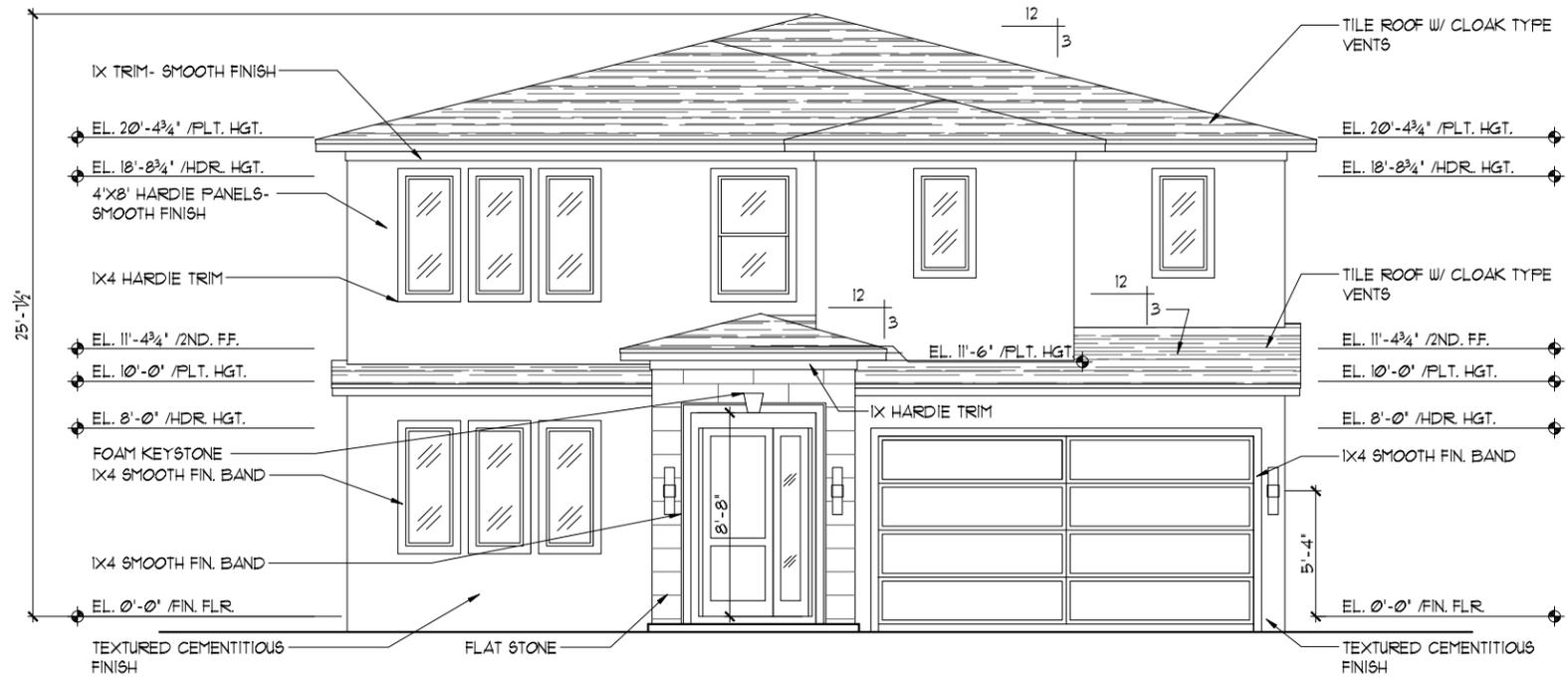
JOB 4232

SHEET 05D.0

SHEETS OF

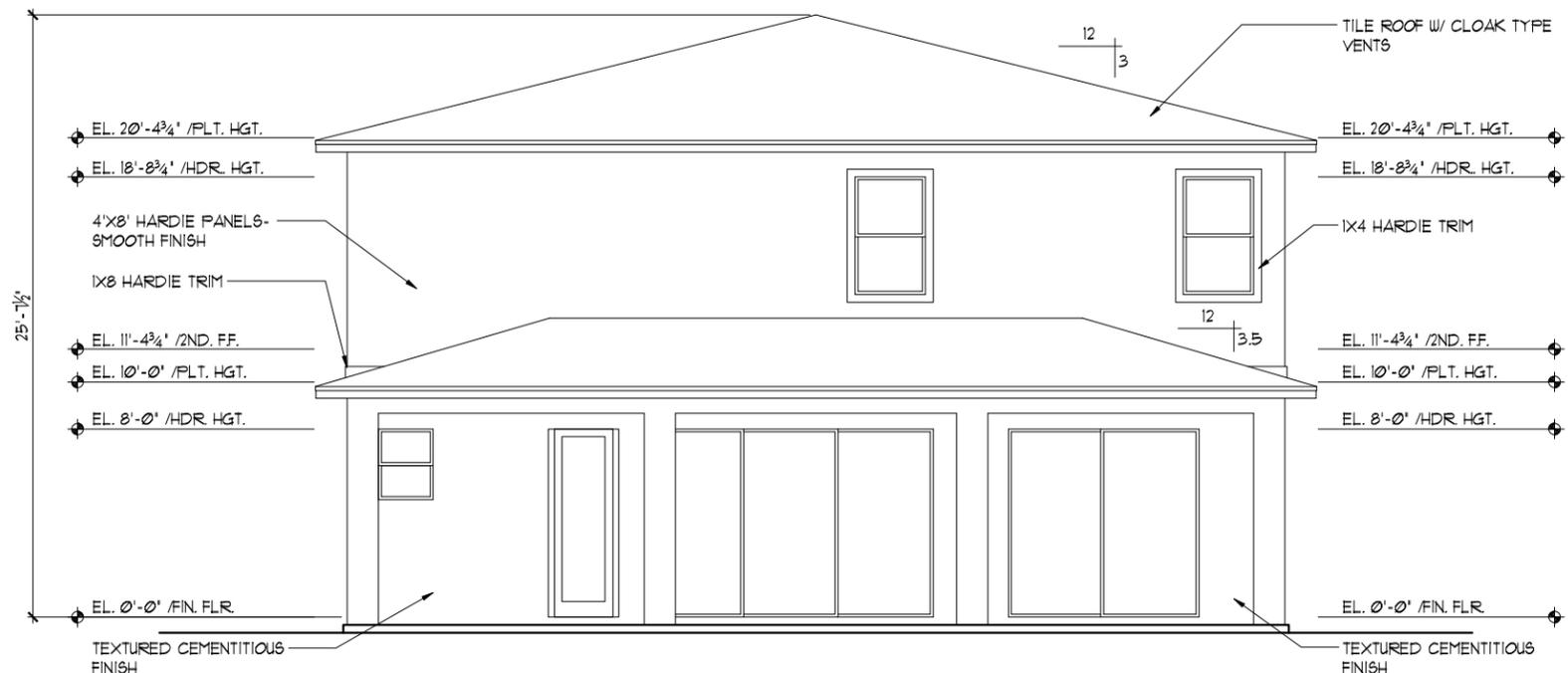
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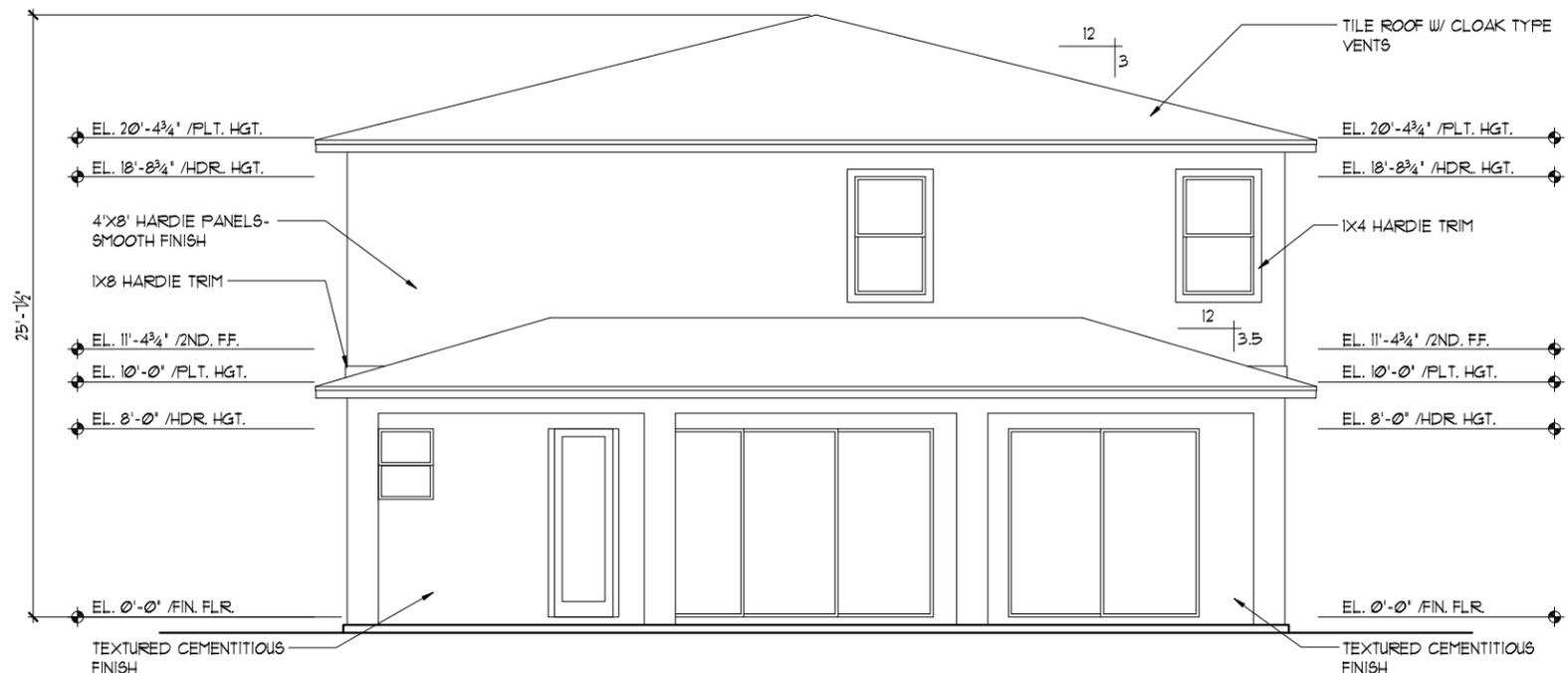
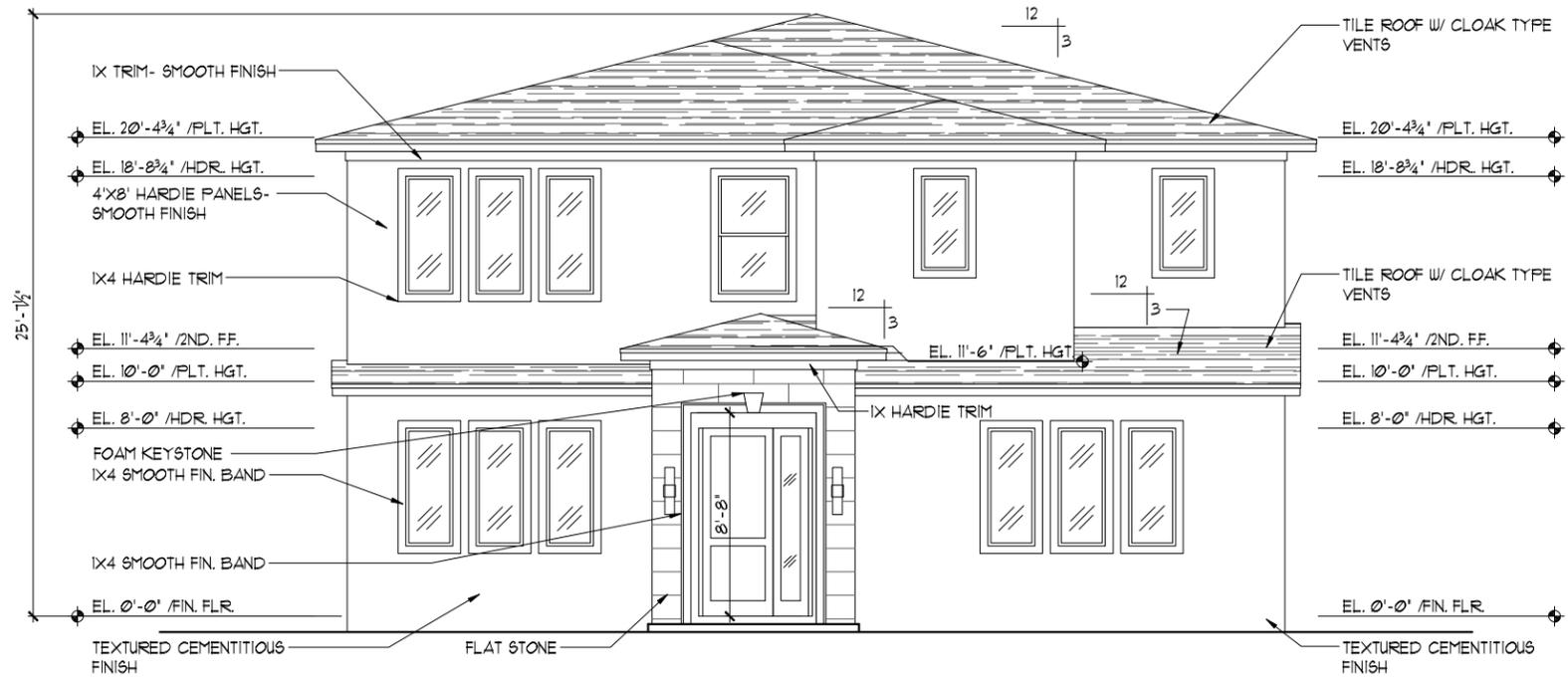
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**EXTERIOR ELEVATION "A"
 FRONT AND REAR**

**REEF
 PARADISO GRANDE**

4232
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 OF SHEETS

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EXTERIOR ELEVATION "A" FRONT AND REAR		REEF PARADISO GRANDE
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OF		SHEETS

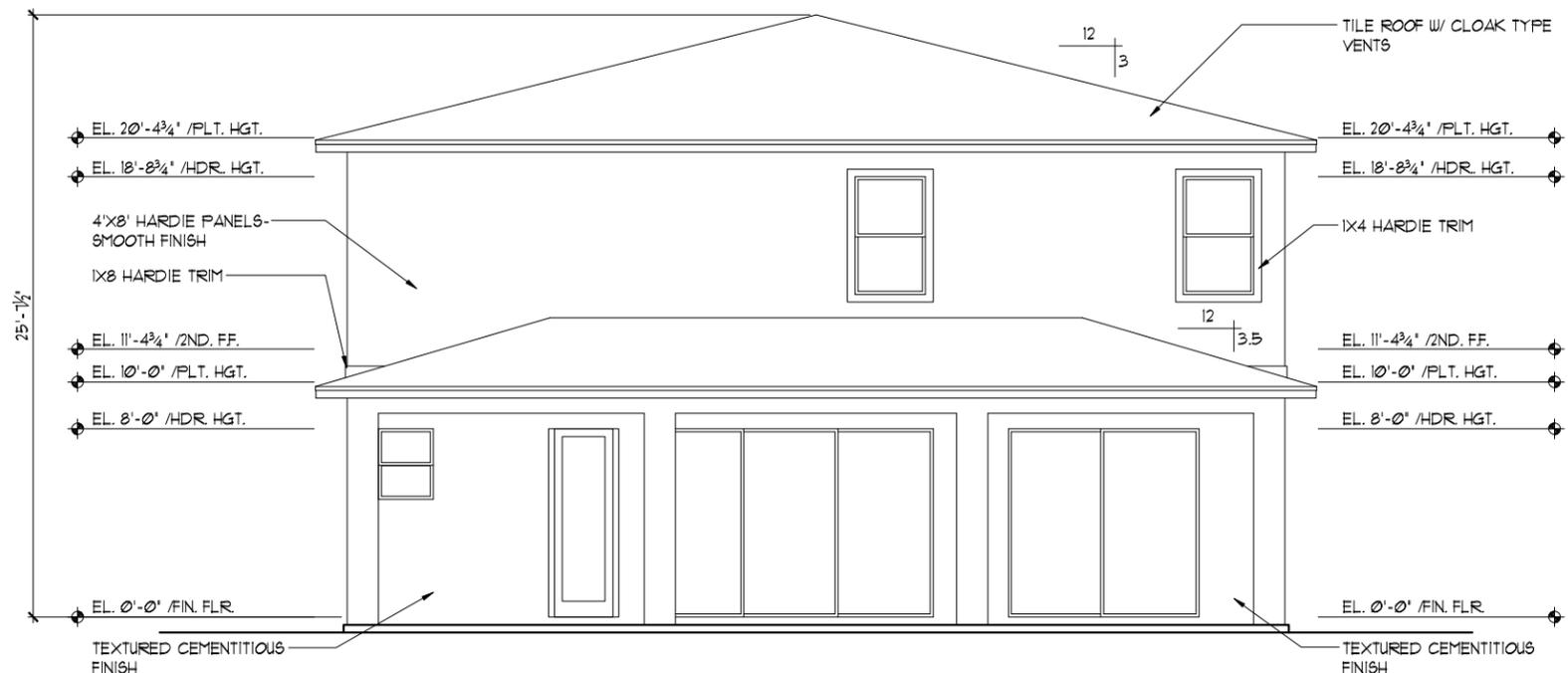
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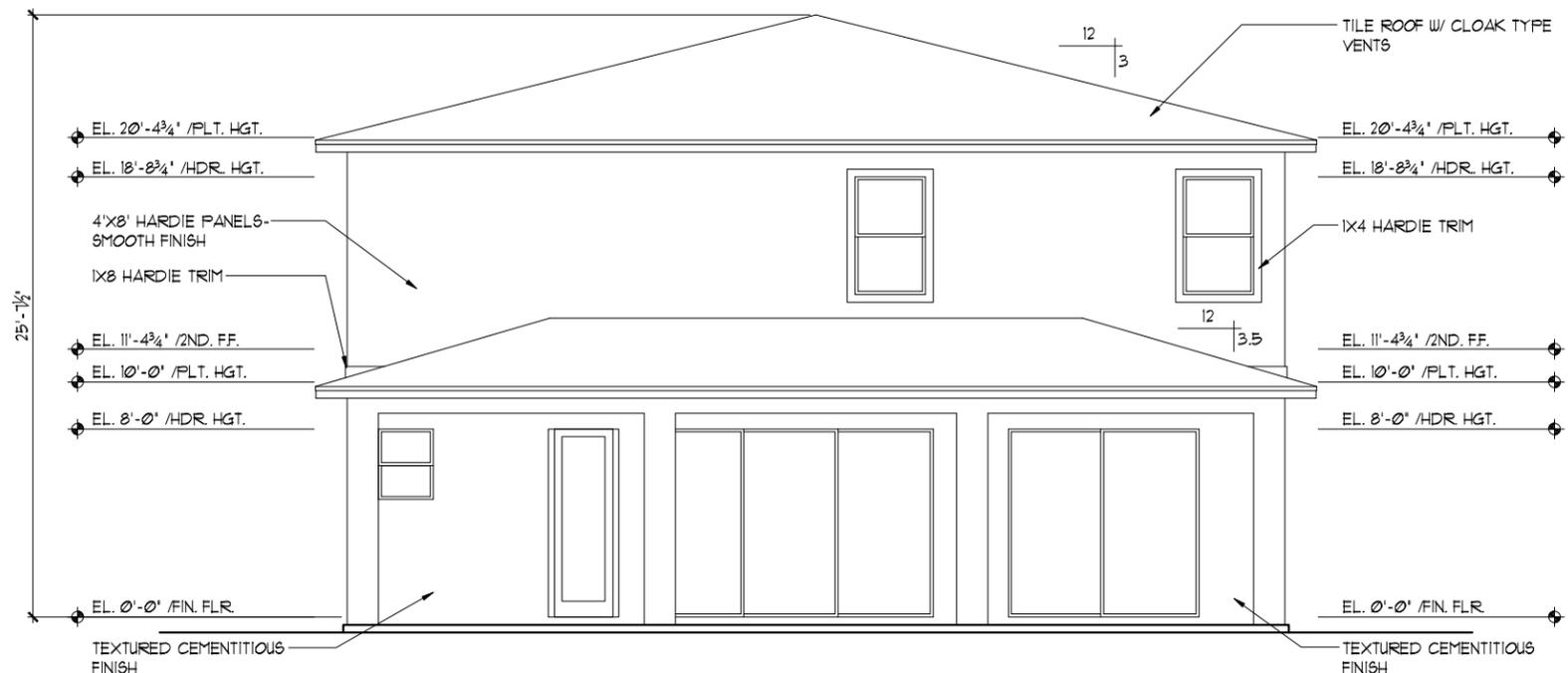
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<p style="writing-mode: vertical-rl; transform: rotate(180deg);">ITEG HARRISON ENGINEERING GROUP, INC. 10000 Lake Nona Blvd., Suite 100 Orlando, FL 32826 Tel: (407) 734-1400 Fax: (407) 734-1700 www.iteg.com</p>	<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS	BY		
REVISIONS	BY				
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<p style="writing-mode: vertical-rl; transform: rotate(180deg);">REEF</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">PARADISO GRANDE</p>				
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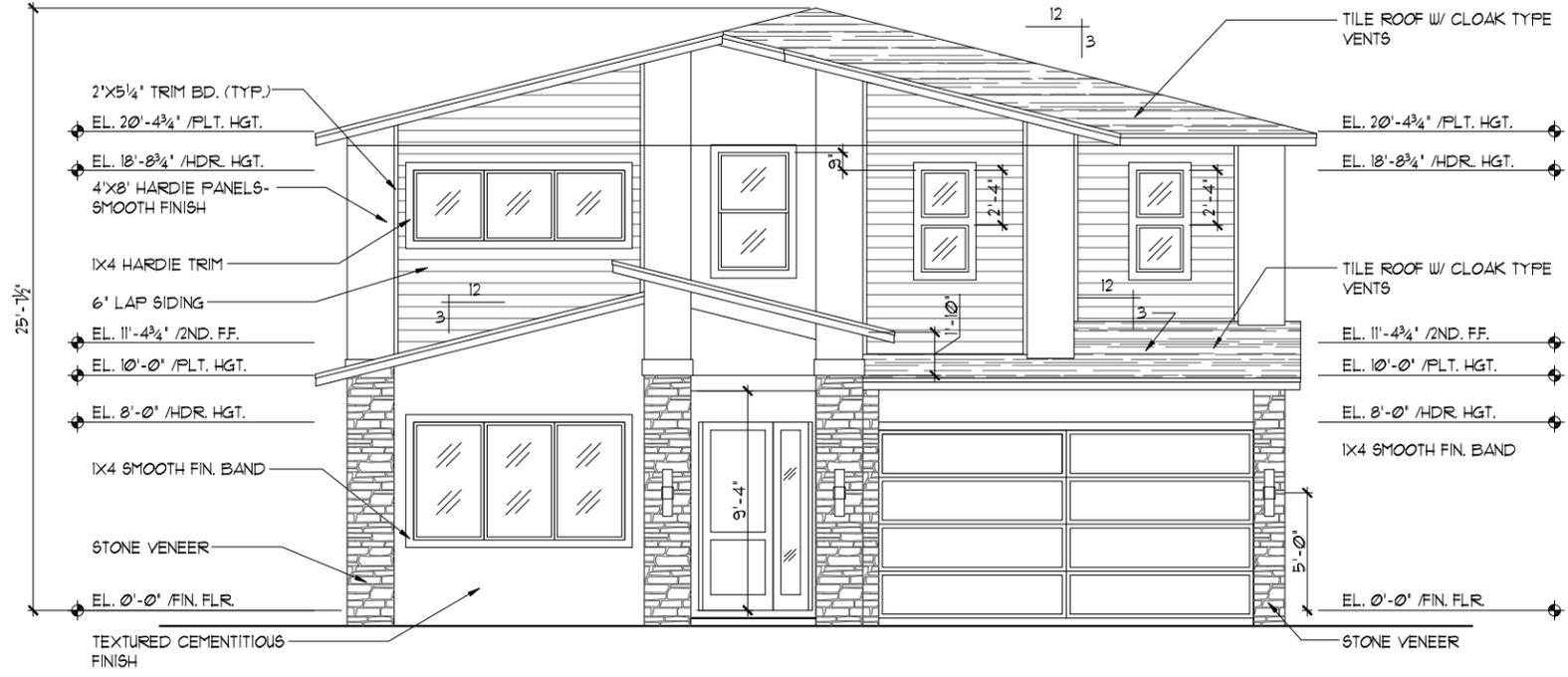
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REAR ELEVATION "B"
FRONT AND REAR
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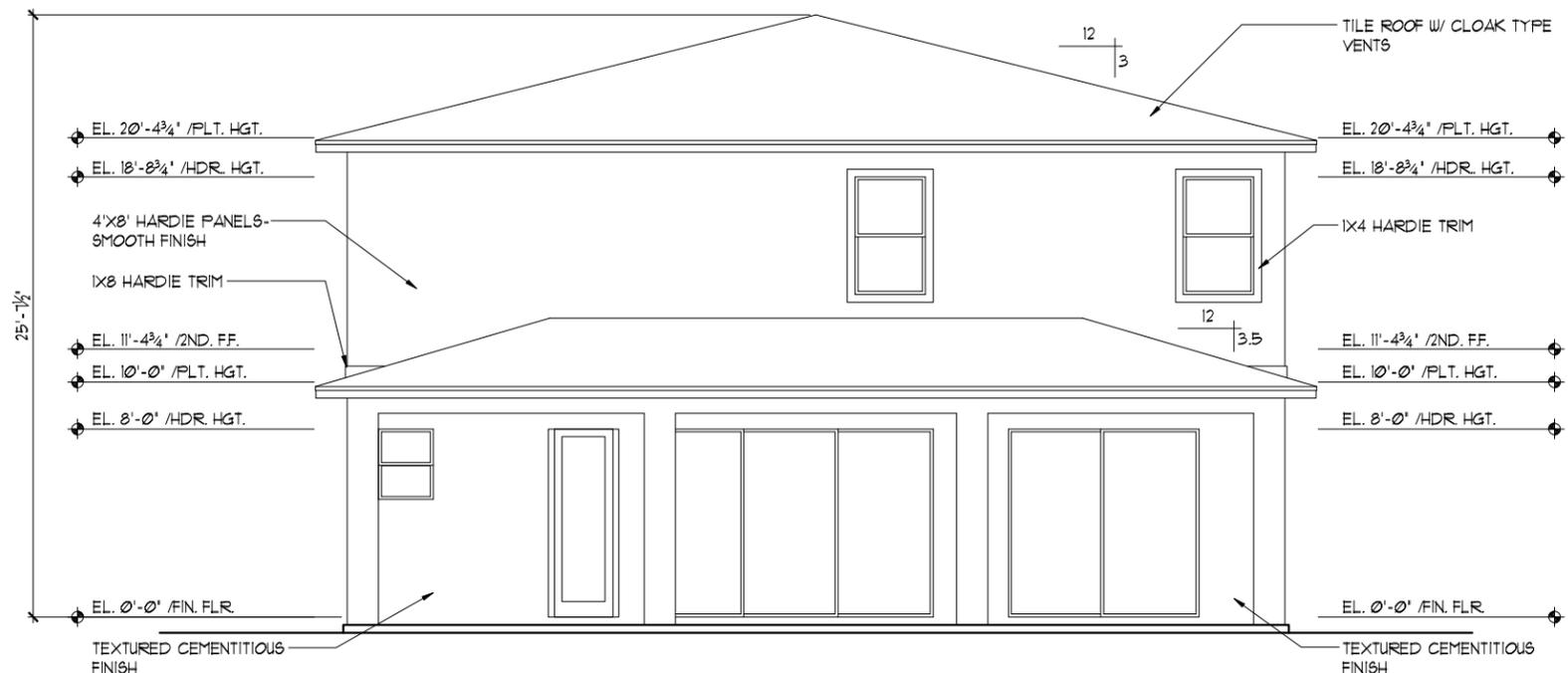
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FRONT ELEVATION "C"

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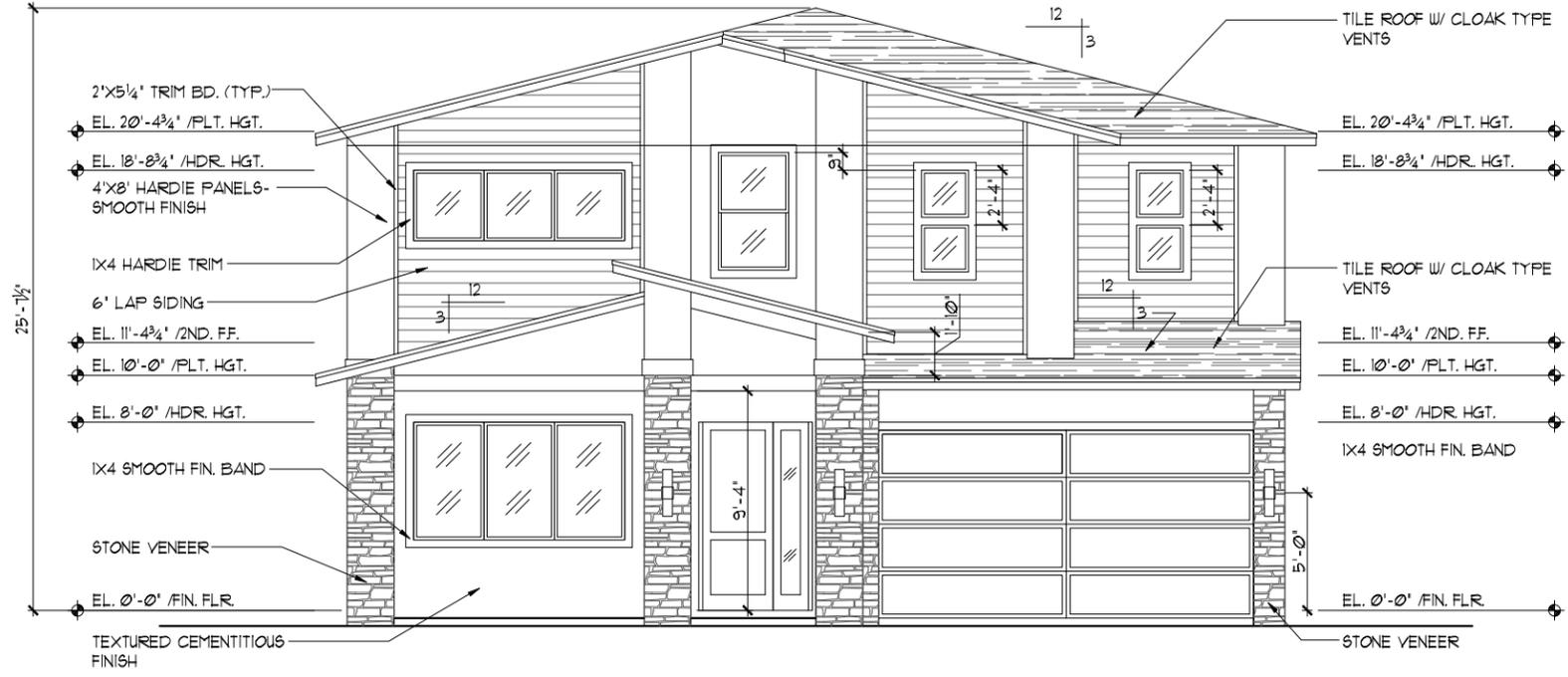
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FRONT ELEVATION "D"

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EXTERIOR ELEVATION "D"
FRONT AND REAR

PARADISO GRANDE

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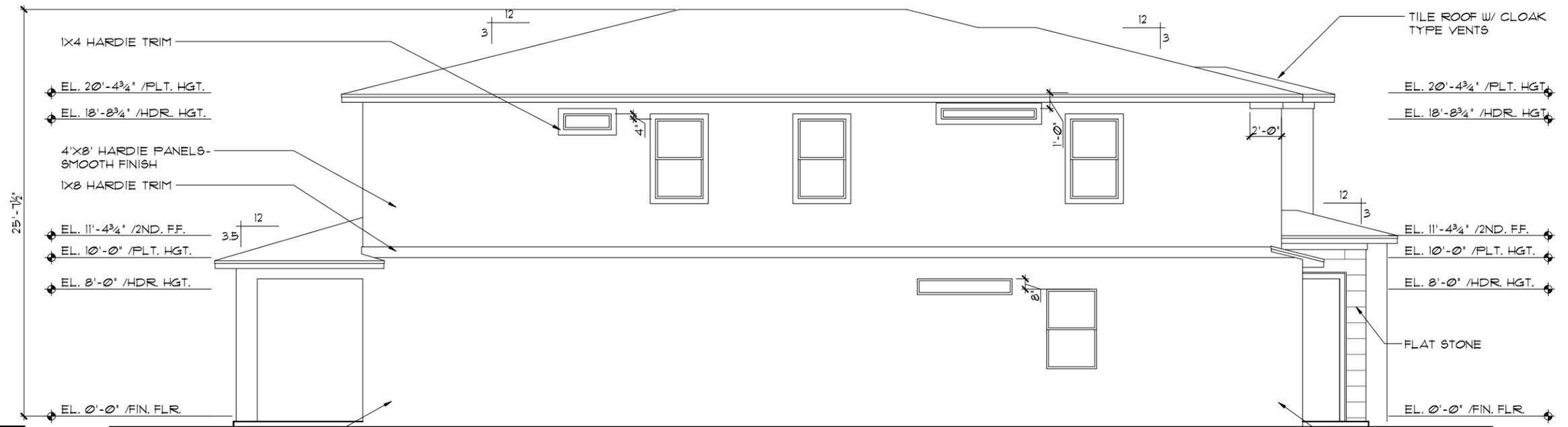
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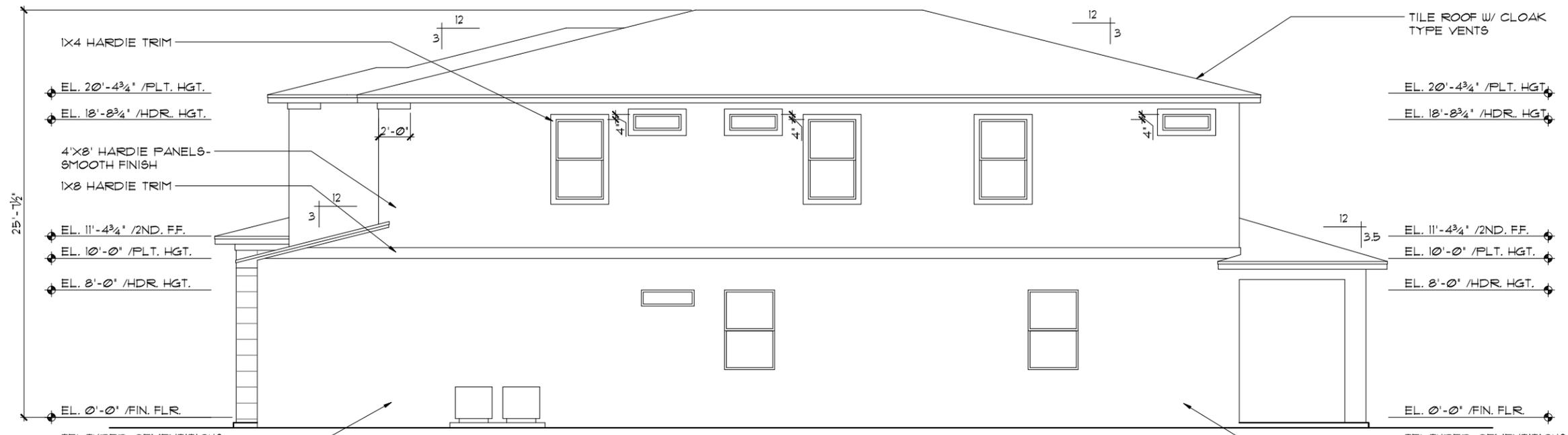
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LEFT ELEVATION "A"

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NO.	DESCRIPTION	DATE	BY

EXTERIOR ELEVATIONS "A"
LEFT AND RIGHT

REEF

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DATE 04-09-21

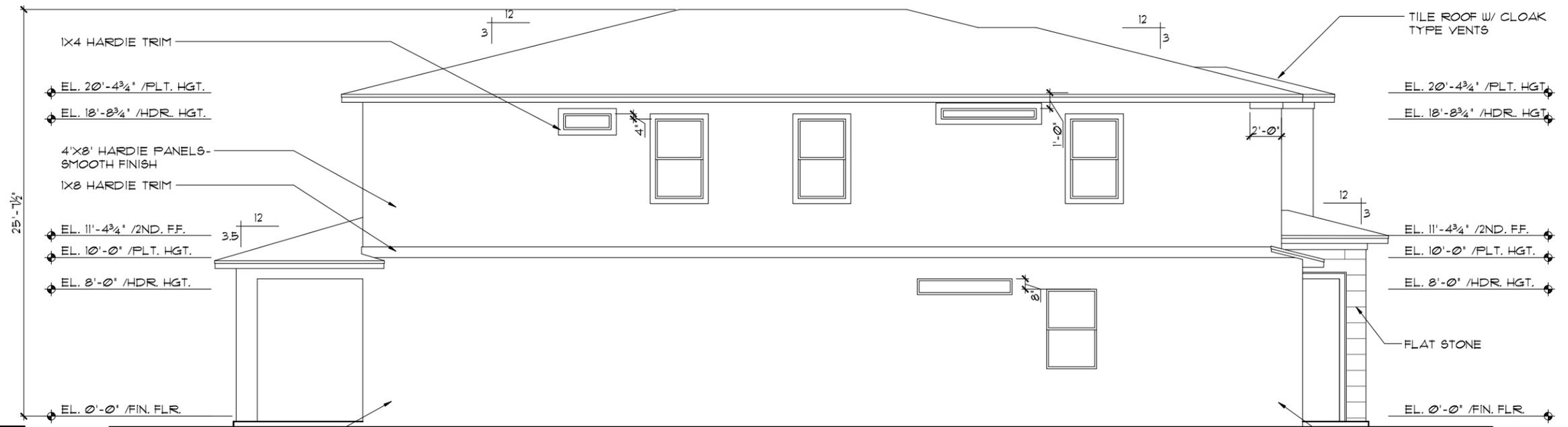
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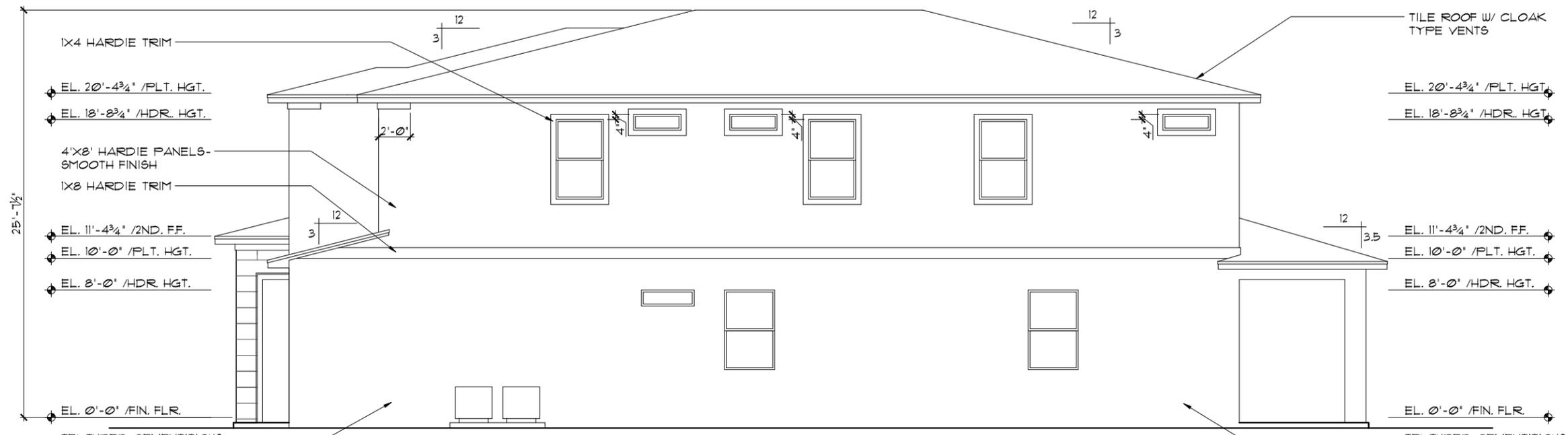
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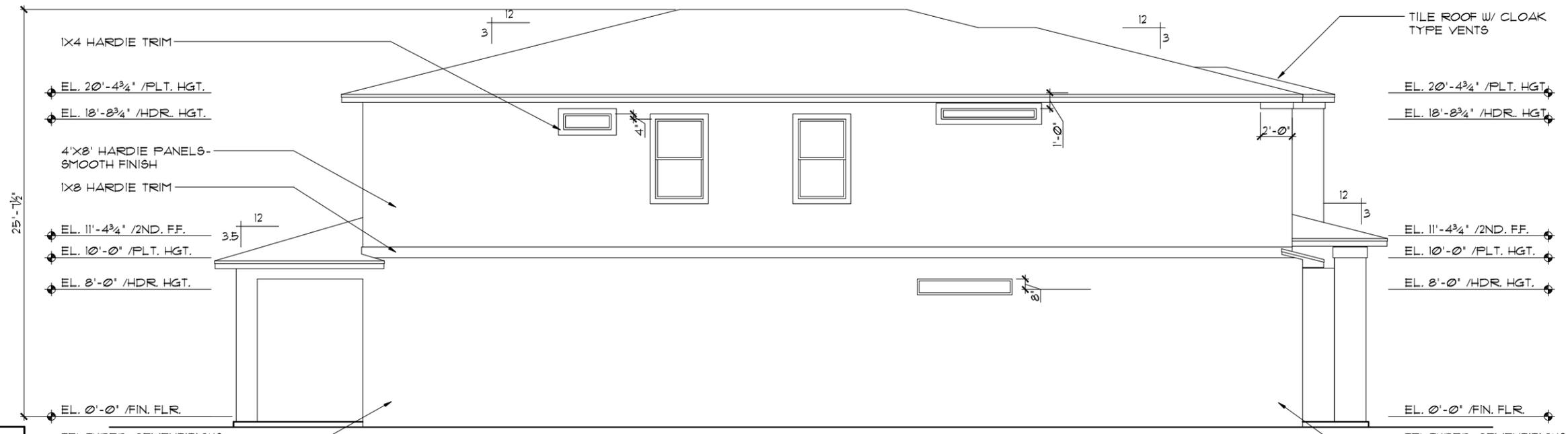
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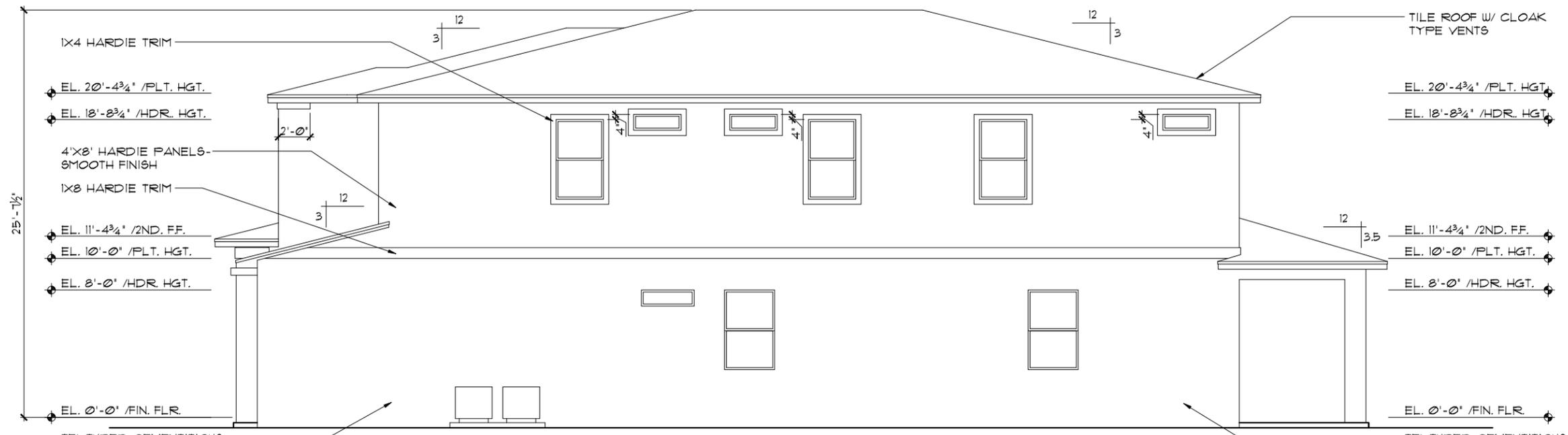
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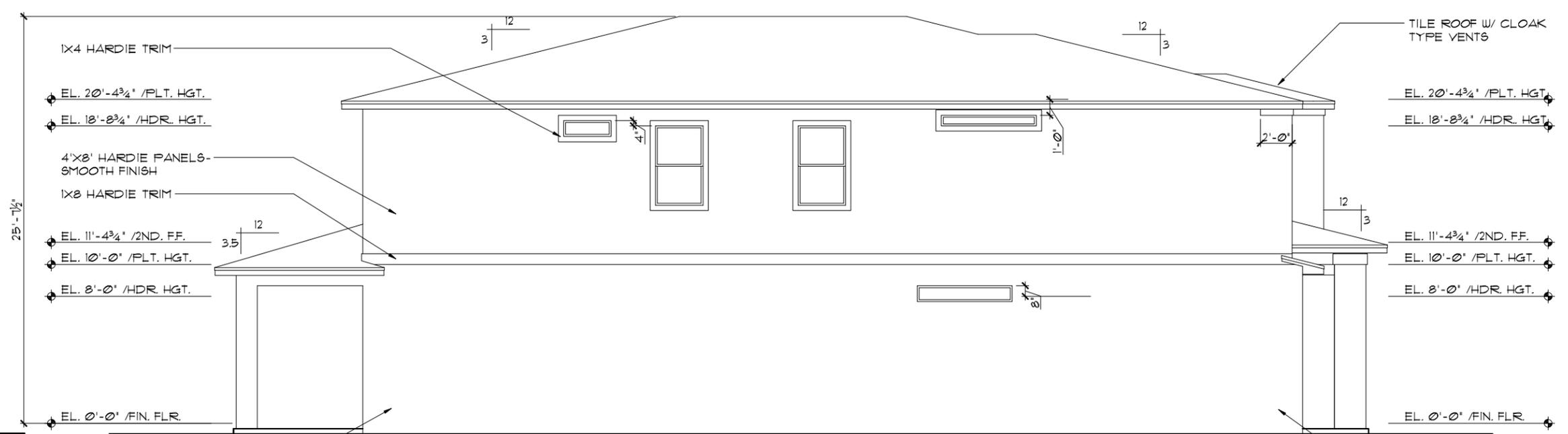
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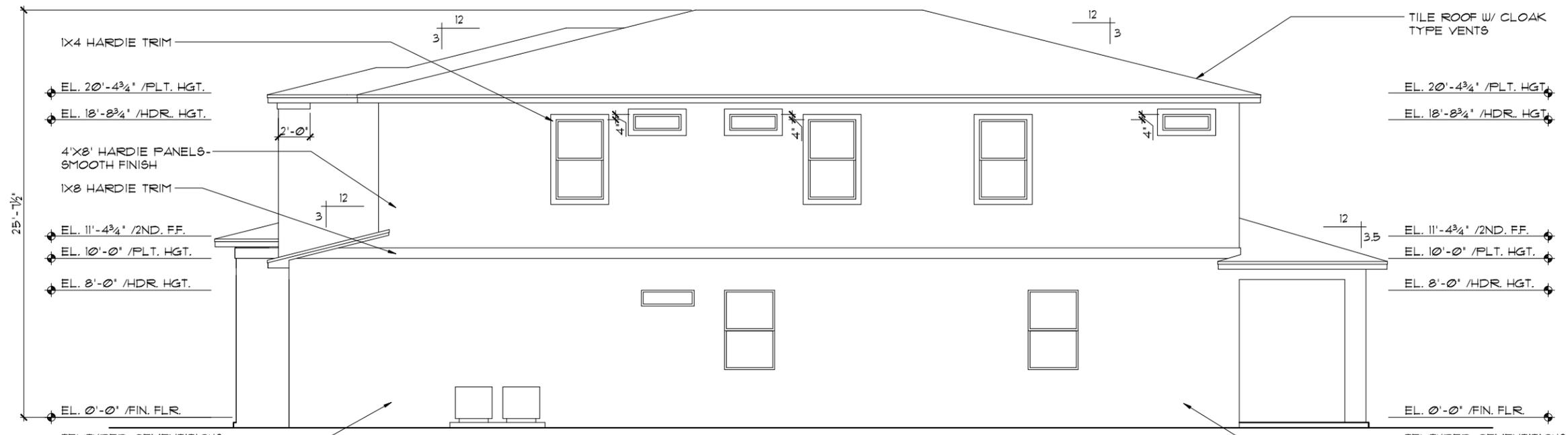
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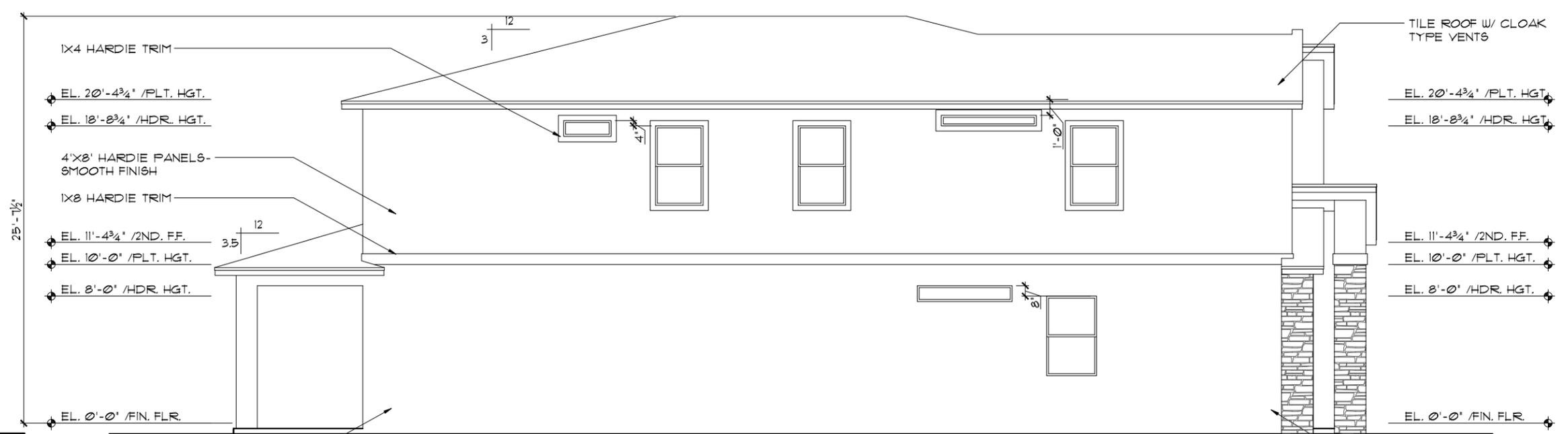
Park Square HOMES

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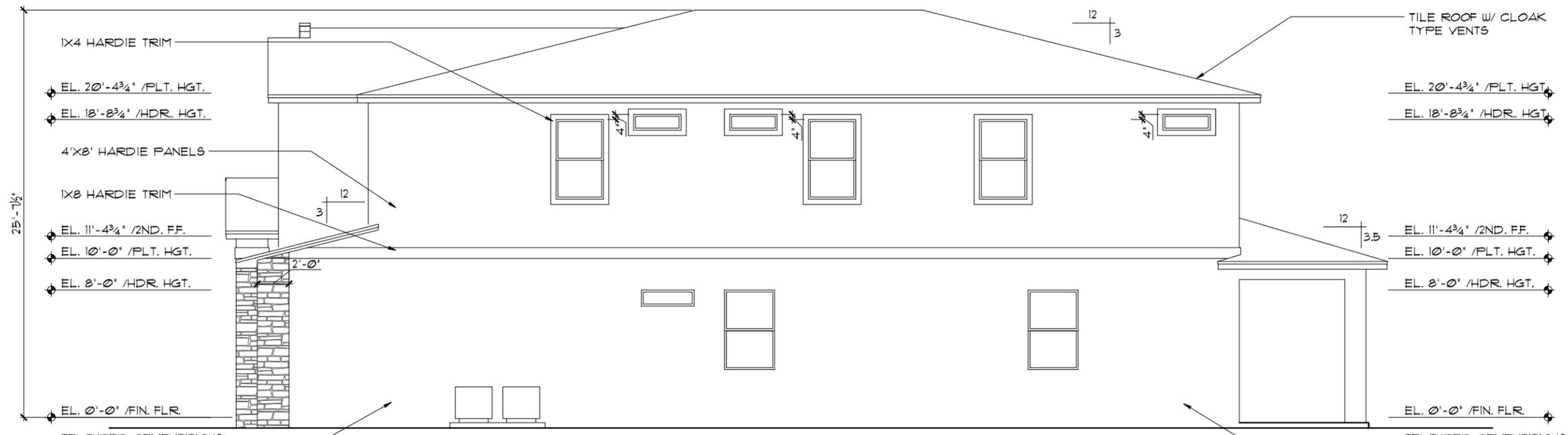
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OF SHEETS

REVISIONS	BY
 HITEG <small>HAMILTON ENGINEERING GROUP, INC.</small> <small>10000 Lake Nona Blvd., Suite 100, Orlando, FL 32817</small> <small>Ph: (407) 734-1400</small> <small>Fax: (407) 734-1790</small> <small>www.hiteg.com</small>	



LEFT ELEVATION "C"

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



RIGHT ELEVATION "C"

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

- 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.

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

LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

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

ITEG
HARRISON ENGINEERING GROUP, INC.
10000 Lake Nona Blvd, Suite 100
Orlando, FL 32826
Tel: (407) 734-1400
Fax: (407) 734-1700
www.iteg.com

REEF

EXTERIOR ELEVATIONS "C"
LEFT AND RIGHT

PARADISO GRANDE

REVISIONS	BY

4232

DATE 04-09-21

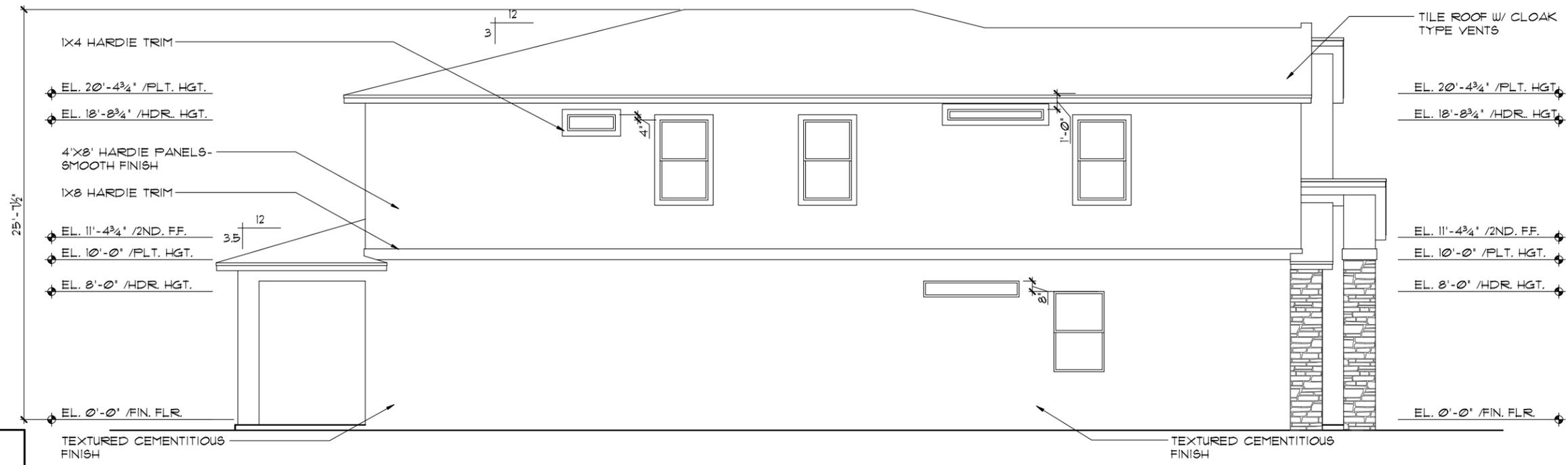
SCALE AS NOTED

DRAWN RDC

JOB 4232

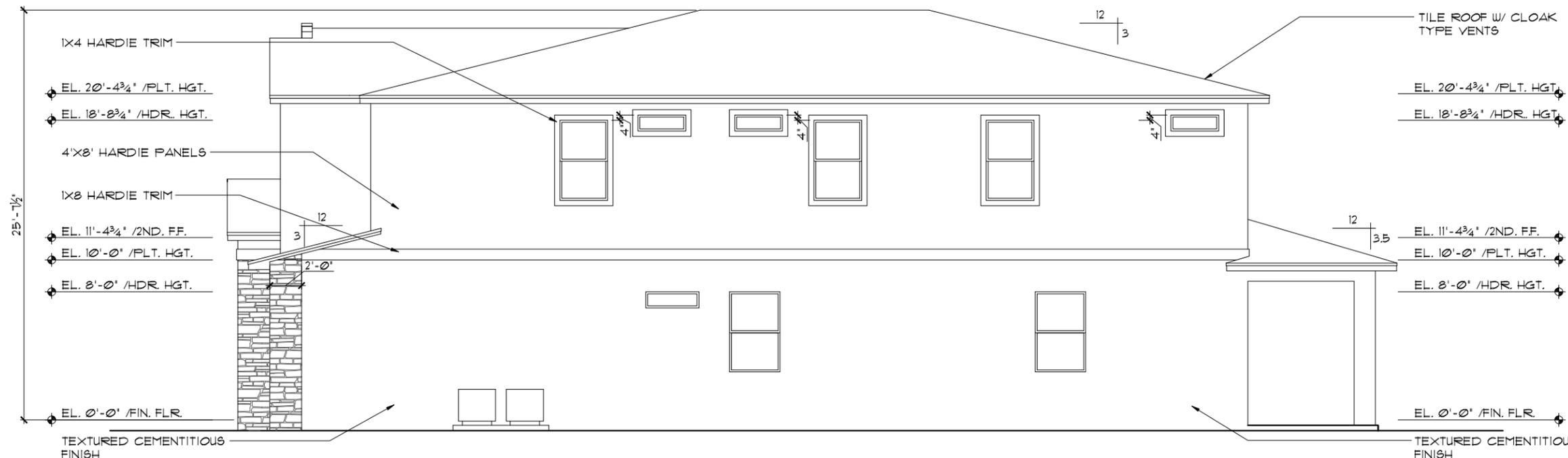
SHEET 07C.0

OF SHEETS



LEFT ELEVATION "C"

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



RIGHT ELEVATION "C"

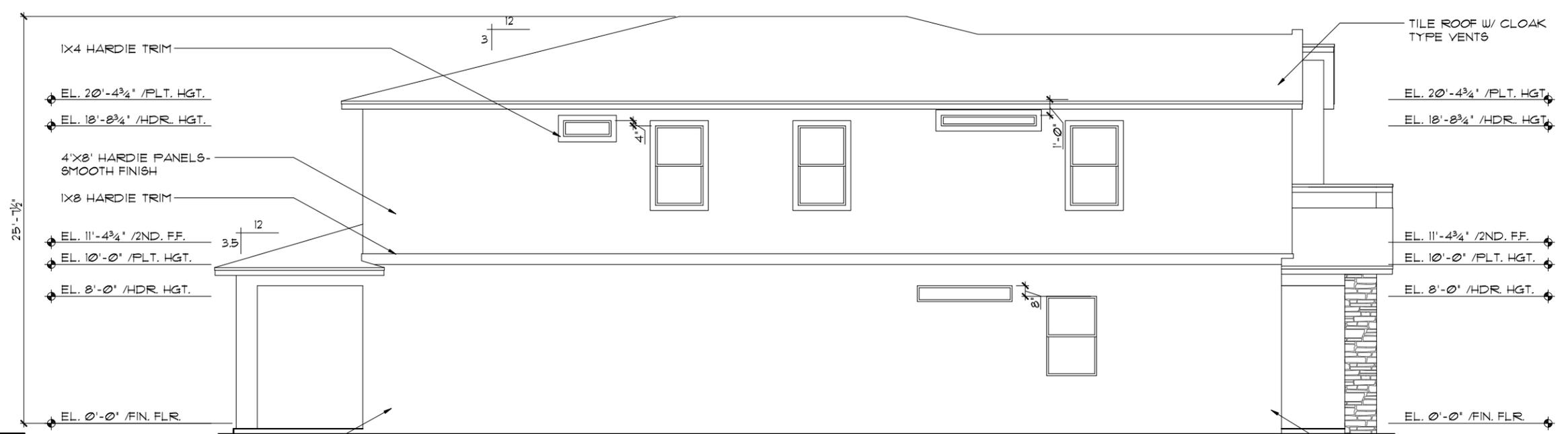
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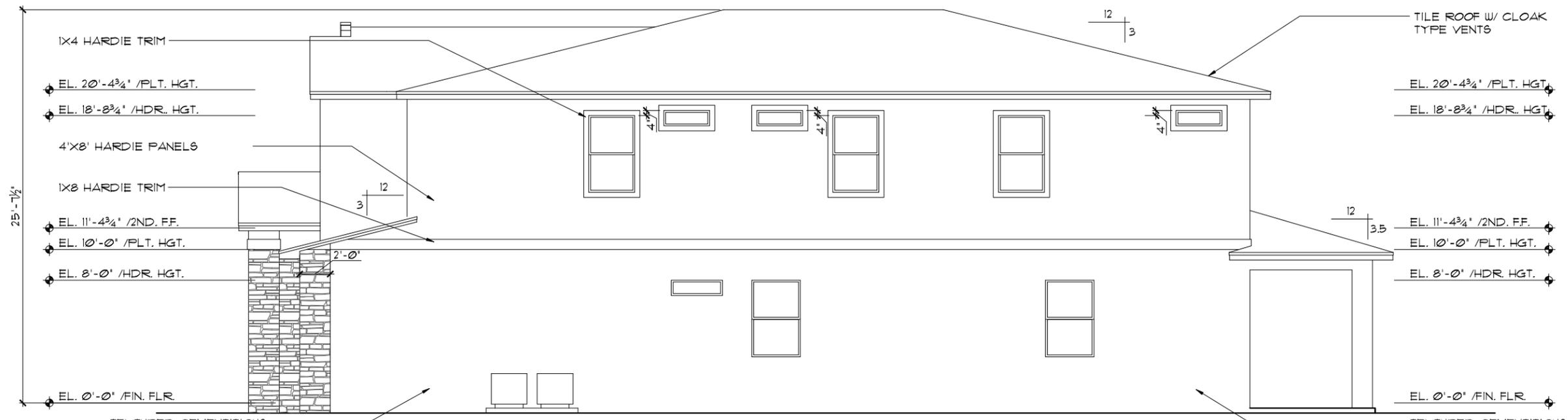
REVISIONS		BY
A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529-3000		
EXTERIOR ELEVATIONS "C" LEFT AND RIGHT		
REEF PARADISO GRANDE		
4232		
DATE	04-09-21	
SCALE	AS NOTED	
DRAWN	RDC	
JOB	4232	
SHEET	07C.1	
OF	SHEETS	



LEFT ELEVATION "D"

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

- 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
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 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)

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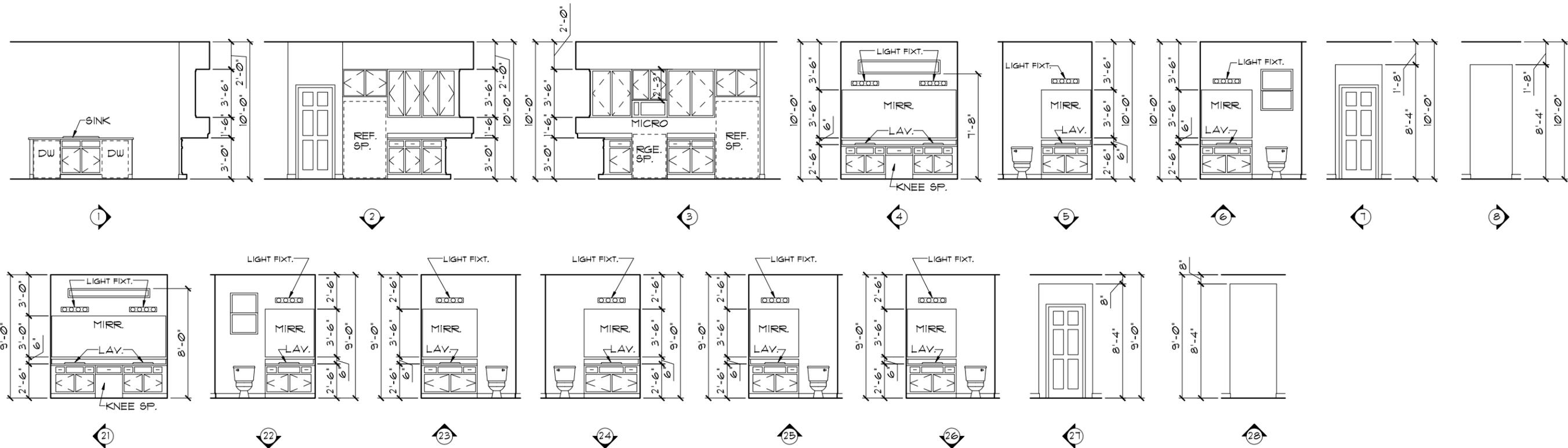
PARADISO GRANDE
 REEF
 PARADISO GRANDE
 4232
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 4232
 SHEET
07D.0
 OF SHEETS

ITEG
 HAMILTON ENGINEERING GROUP, INC.
 A DIVISION OF PARK SQUARE ENTERPRISES, INC.
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 Orlando, Florida, 32811
 Phone: (407) 528-3000

Park Square HOMES
 EXTERIOR ELEVATIONS "D"
 LEFT AND RIGHT

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

REVISIONS	BY



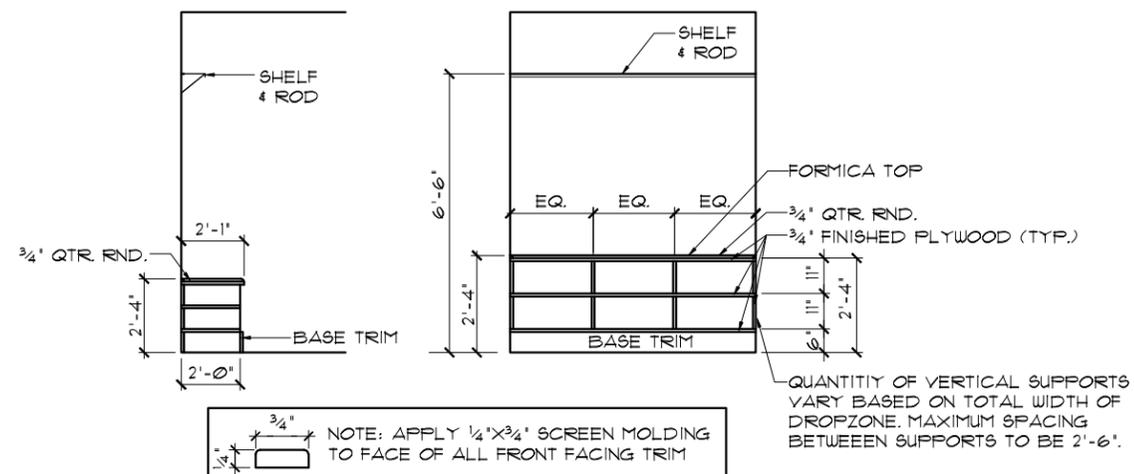
INTERIOR ELEVATIONS

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

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

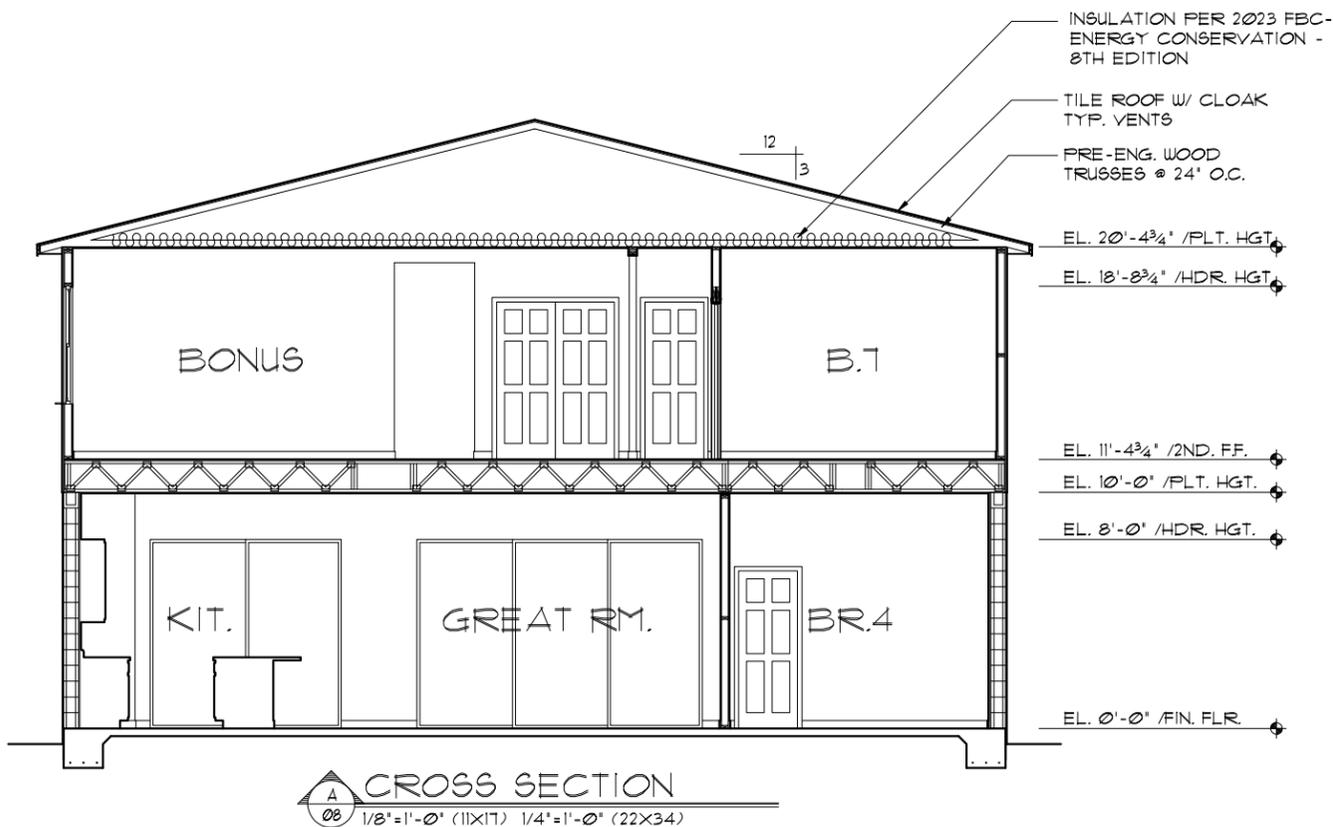
INSULATION INFORMATION- FBC- ENERGY R402, TABLE R402.12

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)



CROSS SECTION

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

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LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

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Phone: (407) 529-3000

Park Square HOMES

CROSS SECTION / INTERIOR ELEVATIONS

REEF PARADISO GRANDE

4232
DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 4232
SHEET 08 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. F2201.1

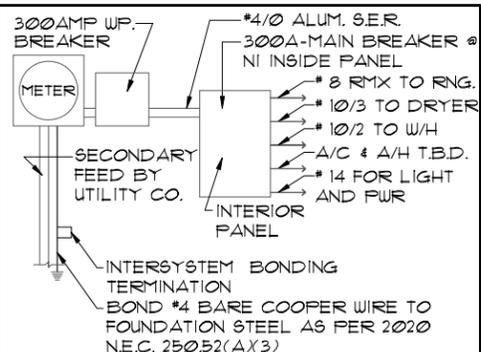
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.

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.

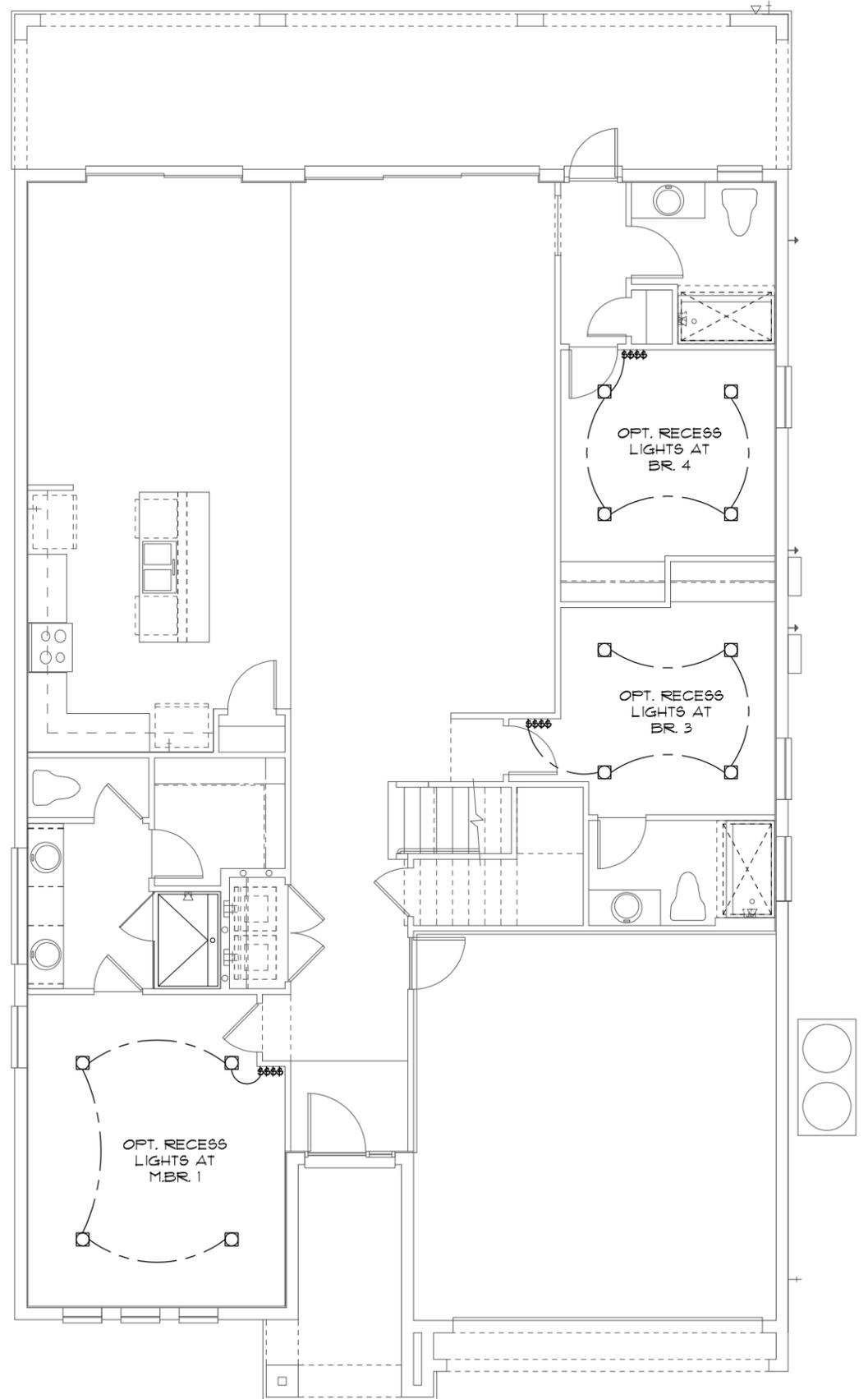
NOTE: IF MORE THAN 12 SMOKE ALARMS OR CARBON MONOXIDE ALARM COMBINATION ARE INSTALLED IN THE HOME CRIME PREVENTION WILL PULL A SEPARATE FIRE PERMIT AND THE SYSTEM WILL BE MONITORED

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
⊞	SPL. PURPOSE 220-240	⊞	EXHAUST FAN
⊞	LIGHT FIXT., CLG. MTD.	⊞	EX. FAN/LIGHT COMBO
⊞	LIGHT FIXT., WALL MTD.	⊞	DISPOSAL
⊞	LED LIGHT FIXT., RECESSED	⊞	ELECTRICAL PANEL
⊞	LIGHT FIXT., REC. ADJUST.	⊞	CEILING FAN, PREWIRE
⊞	LIGHT FIXT., FULL CHAIN	⊞	CEILING FAN, INSTALL
⊞	LED LIGHT FIXT., FLUORESCENT	⊞	ELECT. JUNCTION BOX
⊞	LIGHT FIXT., EXT. FLOODS	⊞	THERMOSTAT
⊞	LIGHT FIXT., EMERG. EXIT	⊞	DISCONNECT SWITCH
⊞	LIGHT FIXT., EXIT/BACKUP	⊞	ELEC. POWER METER

ELECTRICAL PLAN "OPT. LED"

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



LED RECESS OPTION

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

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LOT: 0000, PARADISO GRANDE
 REEF
 PARADISO GRANDE
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 4232
 SHEET 09.0 OF SHEETS

PARADISO GRANDE
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 5200 Vineland Road, Suite 200
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 ITHAMSON ENGINEERING GROUP, INC.
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 Lake Nona, FL 32159
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 www.iteg.com
 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

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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.

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

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KIDDE: SMOKE-21007581, C/O 21006377-N

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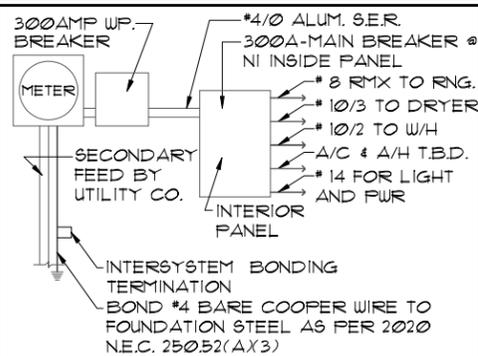
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11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA70-NEC 2020

12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A2)

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



ELECTRICAL RISER DIAGRAM

NOTE:
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250.52(A3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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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.

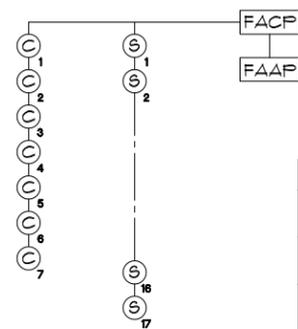
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NOTE: THE FIRE ALARM SYSTEM WILL CONSIST OF (1) FIRE ALARM CONTROL PANEL - 32 ZONE GEMC-FW32CONVKT WITH (1) SMOKE DETECTOR OVER FIRE ALARM CONTROL PANEL. ALL INSTALLATION FOR THIS MACURCO CARBON MONOXIDE DETECTOR CM-EI & CONVENTIONAL SMOKE DETECTION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

ELECTRICAL LEGEND

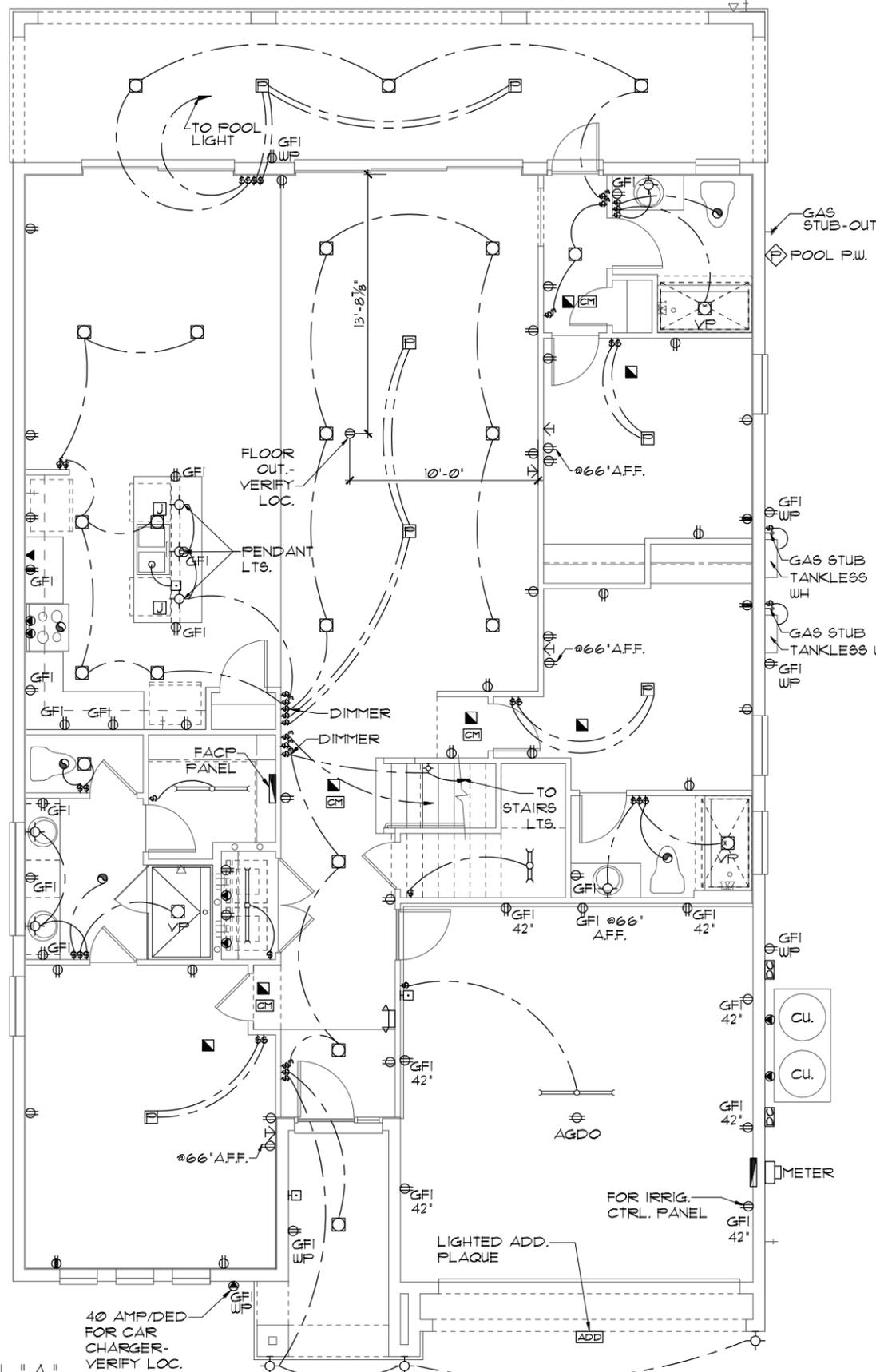
⊞	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊞	THREE WAY SWITCH	◀	OUTLET, PHONE
⊞	OUTLET 110-115	◻	INTERCOM
⊞	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
⊞	OUT. 110-115, W/ USB	⊞	SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE
⊞	OUT. 110-115, CLG. MOUNT.	⊞	CARBON MONOXIDE
⊞	OUT. 110-115, FLR. MOUNT.	⊞	PUSH BUTTON
⊞	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

RISER DIAGRAM



LEGEND

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



ELECTRICAL PLAN "A"

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

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LOT: 000, PARADISO GRANDE

REEF

ELECTRICAL PLAN

PARADISO GRANDE

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

PARADISO GRANDE

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HOBBS ENGINEERING GROUP, INC.
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Park Square HOMES

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

REVISIONS	BY

4232

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MECHANICAL/GENERAL NOTES
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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. F2201.1

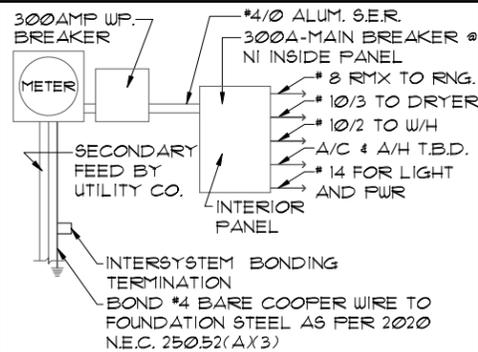
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.

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(A2)

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(A1) TO (6), LOCAL CODES, AND THE LOCAL POWER COMPANY.

250.52(A1) 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.

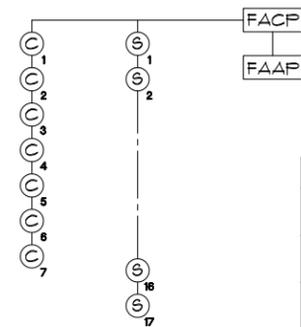
Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings or foundations have been poured before the electrical contractor arrives at the site, and a reinforcing rod is not available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

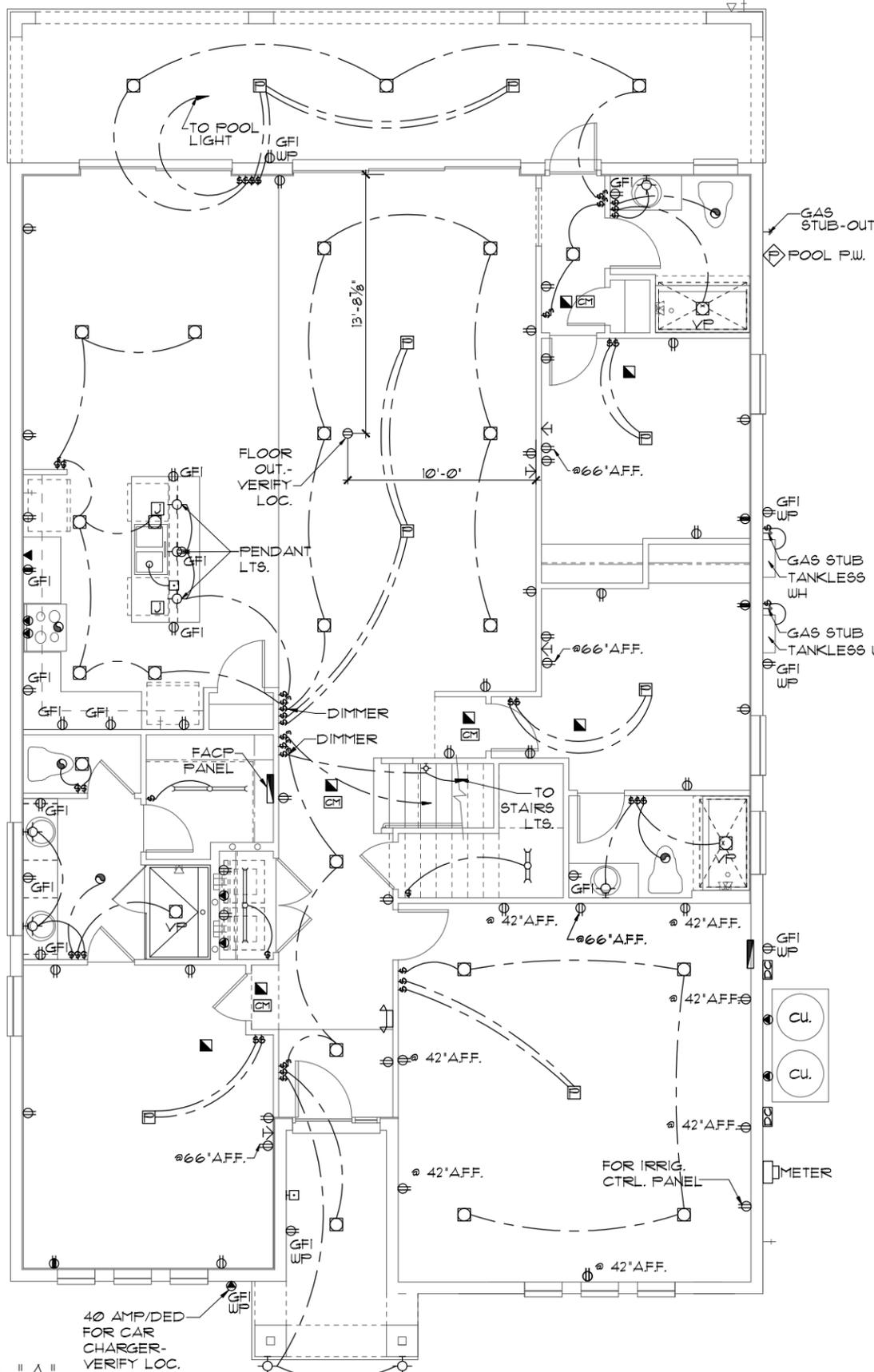
⊞	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊞	THREE WAY SWITCH	◀	OUTLET, PHONE
⊞	OUTLET 110-115	◻	INTERCOM
⊞	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
⊞	OUT. 110-115, W/ USB	⊞	SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE
⊞	OUT. 110-115, CLG. MOUNT.	⊞	CARBON MONOXIDE
⊞	OUT. 110-115, FLR. MOUNT.	⊞	PUSH BUTTON
⊞	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
⊞	CARBON MONOXIDE DETECTOR
⊞	SMOKE DETECTOR



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

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

LOT: 000, PARADISO GRANDE
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Park Square HOMES

4232

DATE 04-09-21
SCALE AS NOTED
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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.

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

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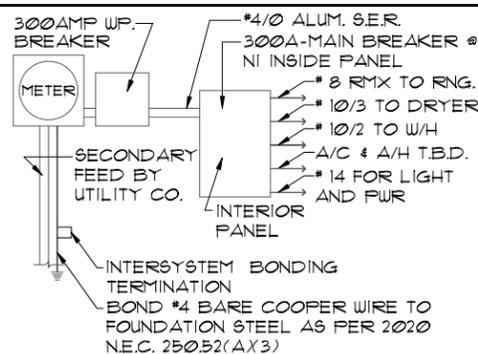
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12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2020 - ARTICLE 210-52



ELECTRICAL RISER DIAGRAM

NOTE: N.T.S.
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250.52(A X3) 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.

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.

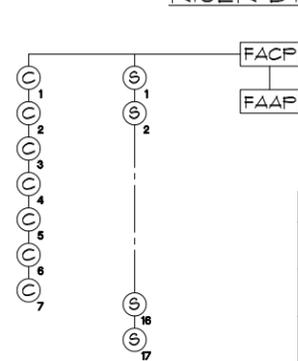
Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings or foundations have been poured before the electrical contractor arrives at the site, and a reinforcing rod is not available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

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ELECTRICAL LEGEND

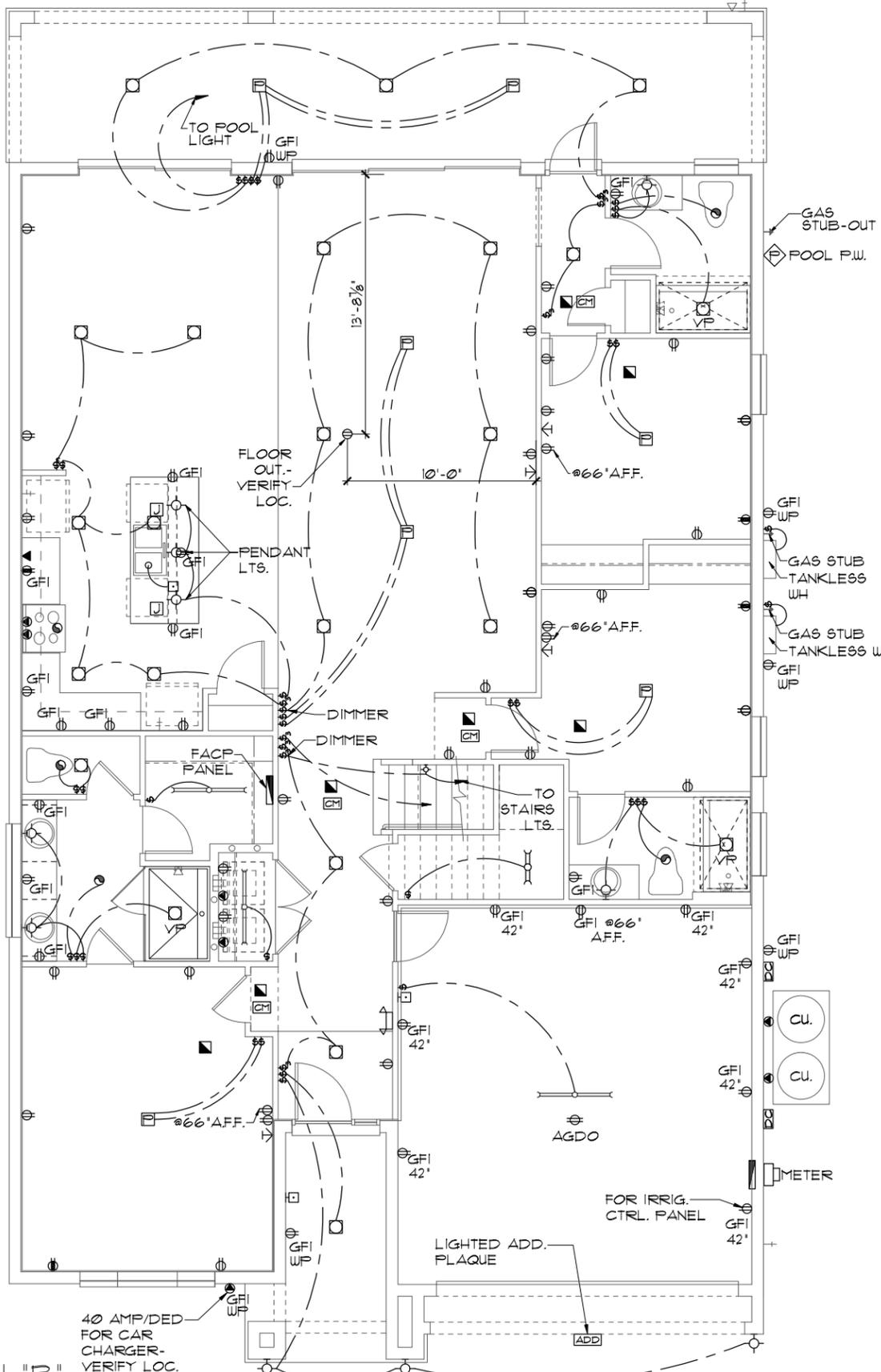
⊞	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊞	THREE WAY SWITCH	◀	OUTLET, PHONE
⊞	OUTLET 110-115	◻	INTERCOM
⊞	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
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⊞	LIGHT FIXT., CLG. MTD.	⊞	EX. FAN/LIGHT COMBO
⊞	LIGHT FIXT., WALL MTD.	⊞	DISPOSAL
⊞	LED LIGHT FIXT., RECESSED	⊞	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
C	CARBON MONOXIDE DETECTOR
S	SMOKE DETECTOR



ELECTRICAL PLAN "B"

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

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LOT: 0000, PARADISO GRANDE

REEF

ELECTRICAL PLAN

PARADISO GRANDE

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

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Park Square HOMES

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MECHANICAL/GENERAL NOTES

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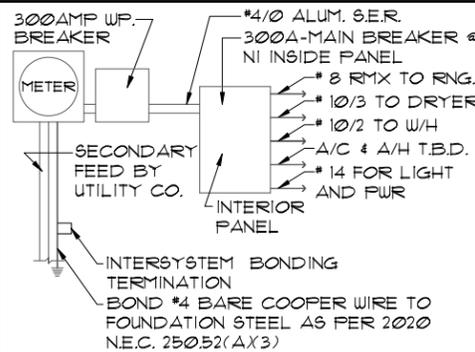
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ELECTRICAL RISER DIAGRAM

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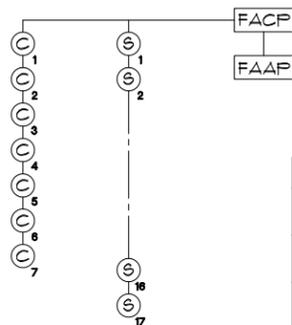
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ELECTRICAL LEGEND

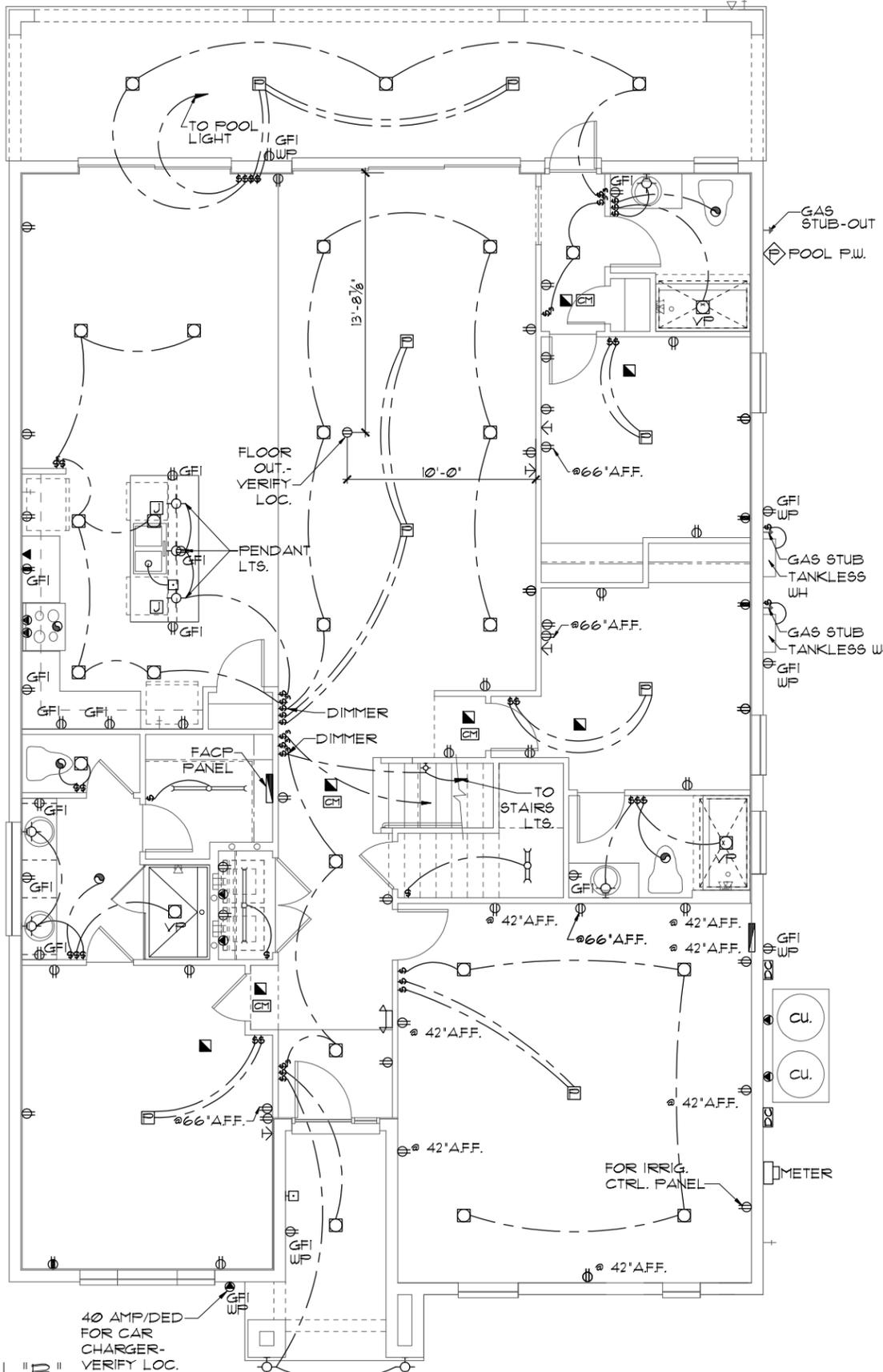
⊞	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
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⊞	LIGHT FIXT. EMERG. EXIT	⊞	DISCONNECT SWITCH
⊞	LIGHT FIXT. EXIT/BACKUP	⊞	ELEC. POWER METER

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)

LOT: 000, PARADISO GRANDE
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 PARADISO GRANDE
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 Lake Nona, FL 32159
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REVISIONS	BY

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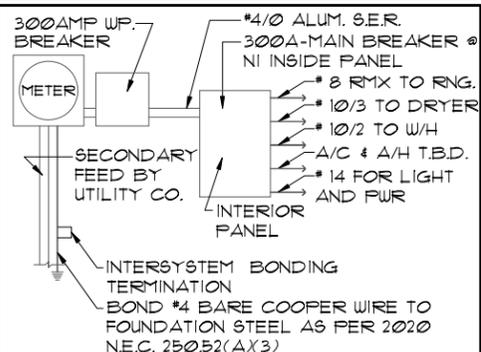
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11.) ALL ELECTRICAL WORK TO BE DONE PER NFP70-NEC 2020

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

12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFP70-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.

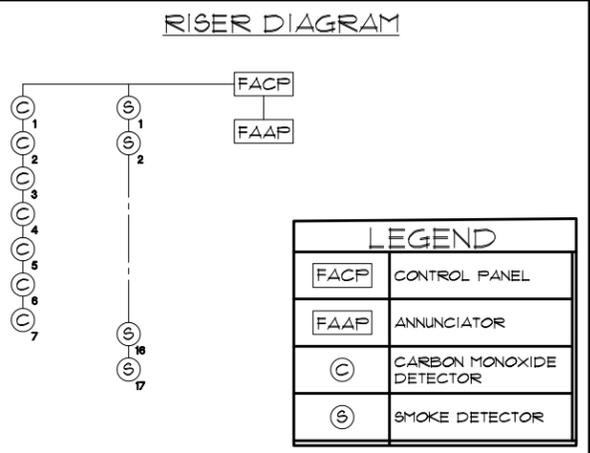
The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode.

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.

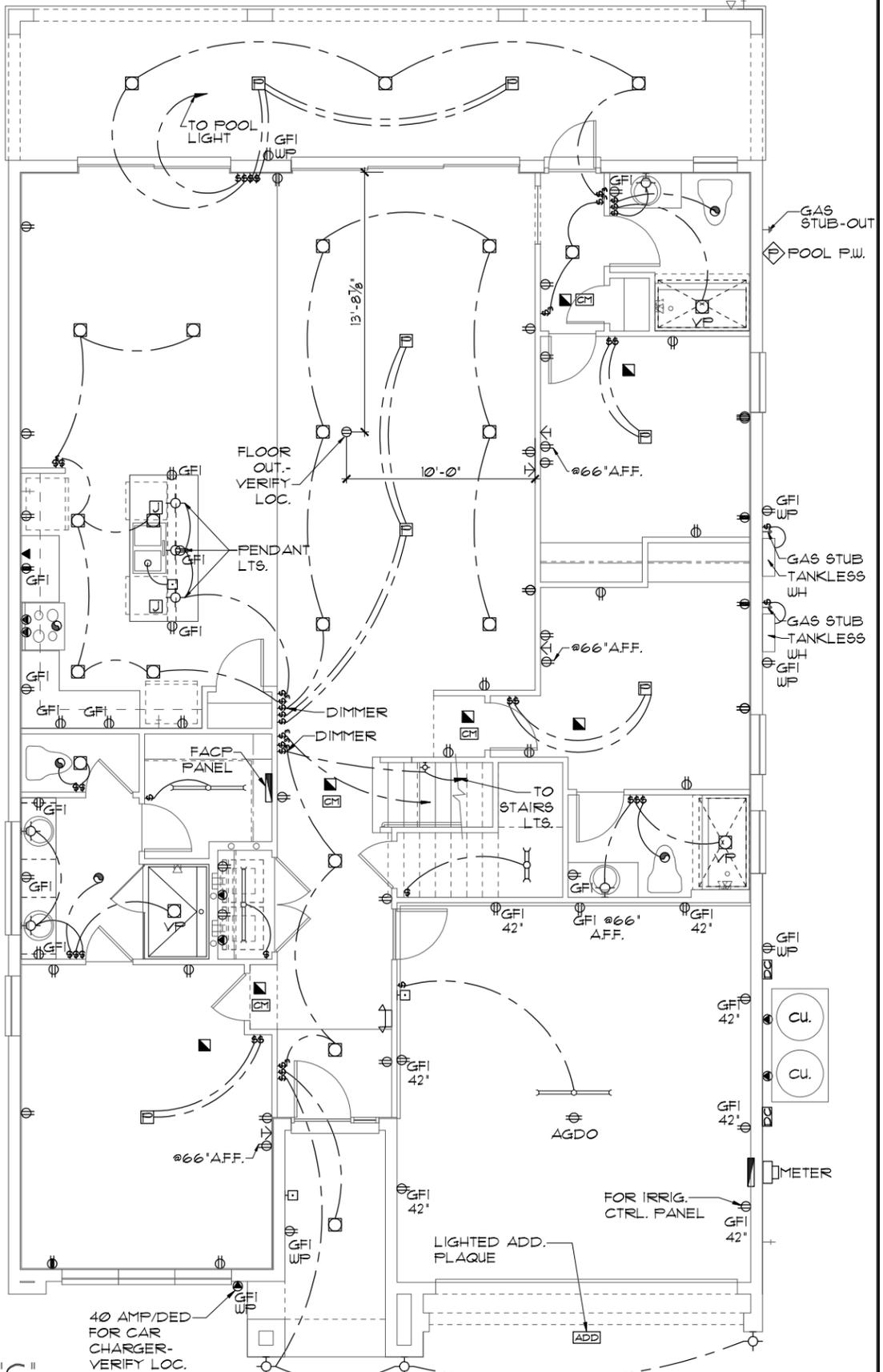
Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings or foundations have been poured before the electrical contractor arrives at the site, and a reinforcing rod is not available for use as a grounding electrode, then a grounding connection to a 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-E1 & CONVENTIONAL SMOKE DETECTION FIREWOLF FW2-S SHALL BE INSTALLED PURSUANT THE MANUFACTURE REQUIREMENTS AND NEC 2020 CODE REQUIREMENTS

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



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)

LOT: 000, PARADISO GRANDE

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

PARADISO GRANDE

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 Phone: (407) 734-1400
 Fax: (407) 734-1700
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REEF

PARADISO GRANDE

DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 4232
 SHEET 09C.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. F2001.1

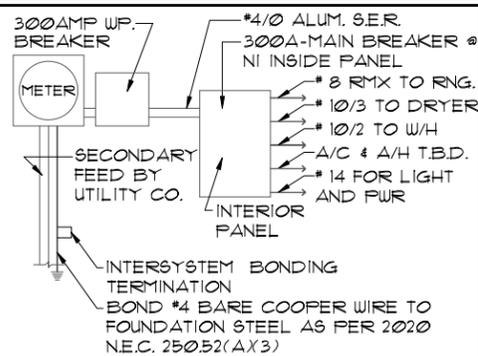
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.

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(A2)

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(A1) 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.

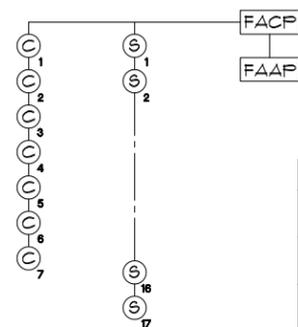
Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings or foundations have been poured before the electrical contractor arrives at the site, and a reinforcing rod is not available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

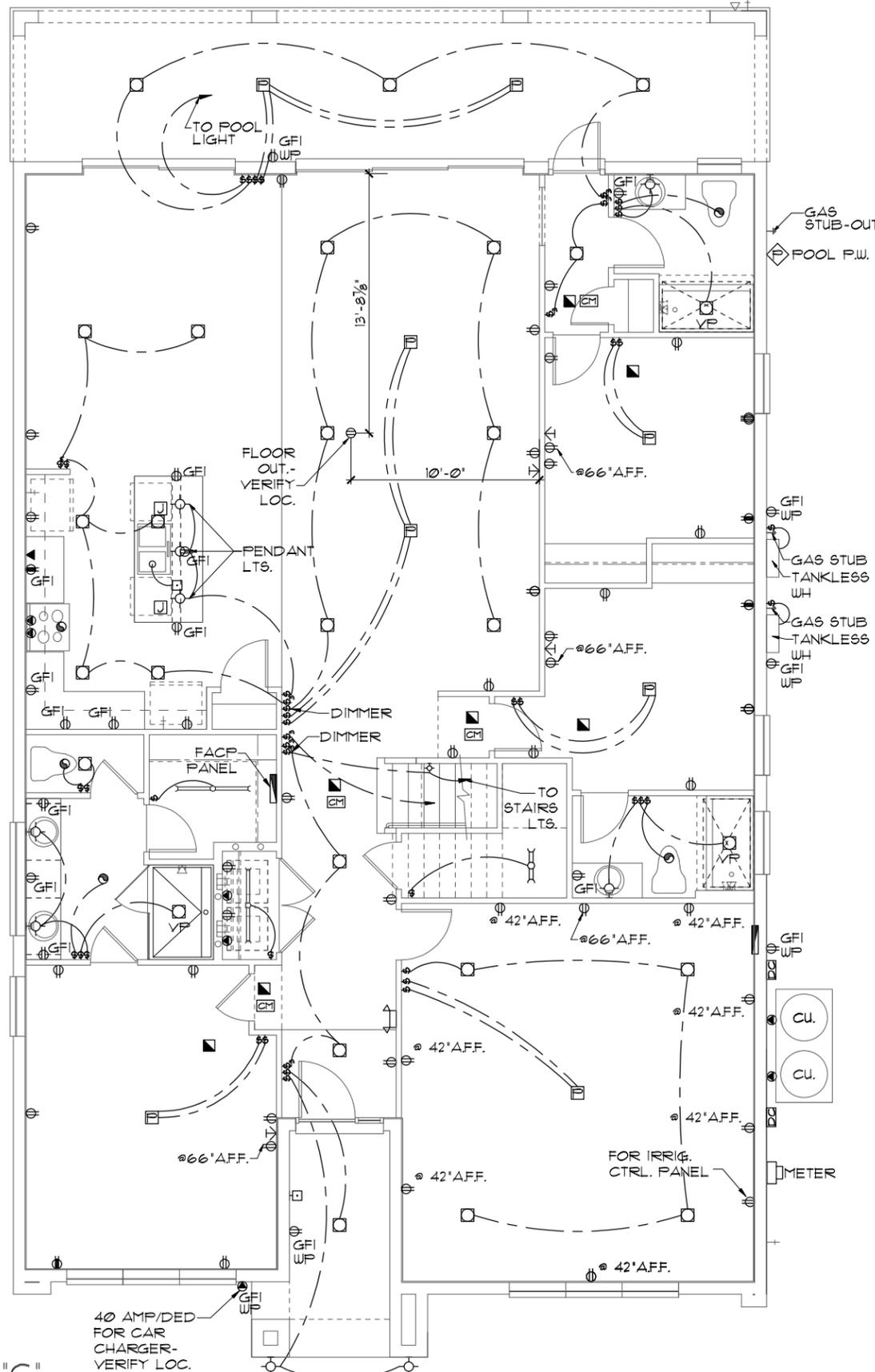
⊞	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊞	THREE WAY SWITCH	◀	OUTLET, PHONE
⊞	OUTLET 110-115	◻	INTERCOM
⊞	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
⊞	OUT. 110-115, W/ USB	⊞	SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE
⊞	OUT. 110-115, CLG. MOUNT.	⊞	CARBON MONOXIDE
⊞	OUT. 110-115, FLR. MOUNT.	⊞	PUSH BUTTON
⊞	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

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

LOT: 0000, PARADISO GRANDE

REEF

PARADISO GRANDE

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

PARADISO GRANDE

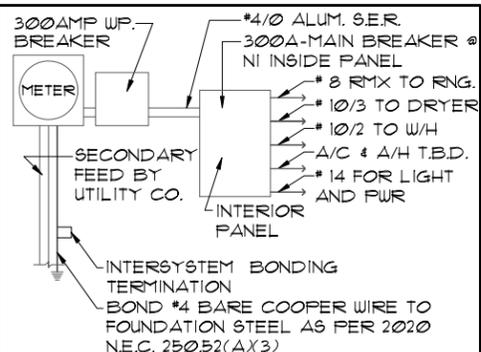
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REVISIONS BY

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.
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 - 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. F2001.1
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 - 11.) ALL ELECTRICAL WORK TO BE DONE PER NFP710-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 NFP710-NEC2020 - ARTICLE 210-52



ELECTRICAL RISER DIAGRAM

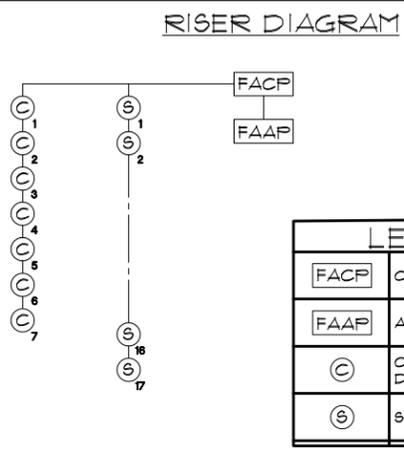
NOTE:
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250.52(A)3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.
Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long. There are two types 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 a 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

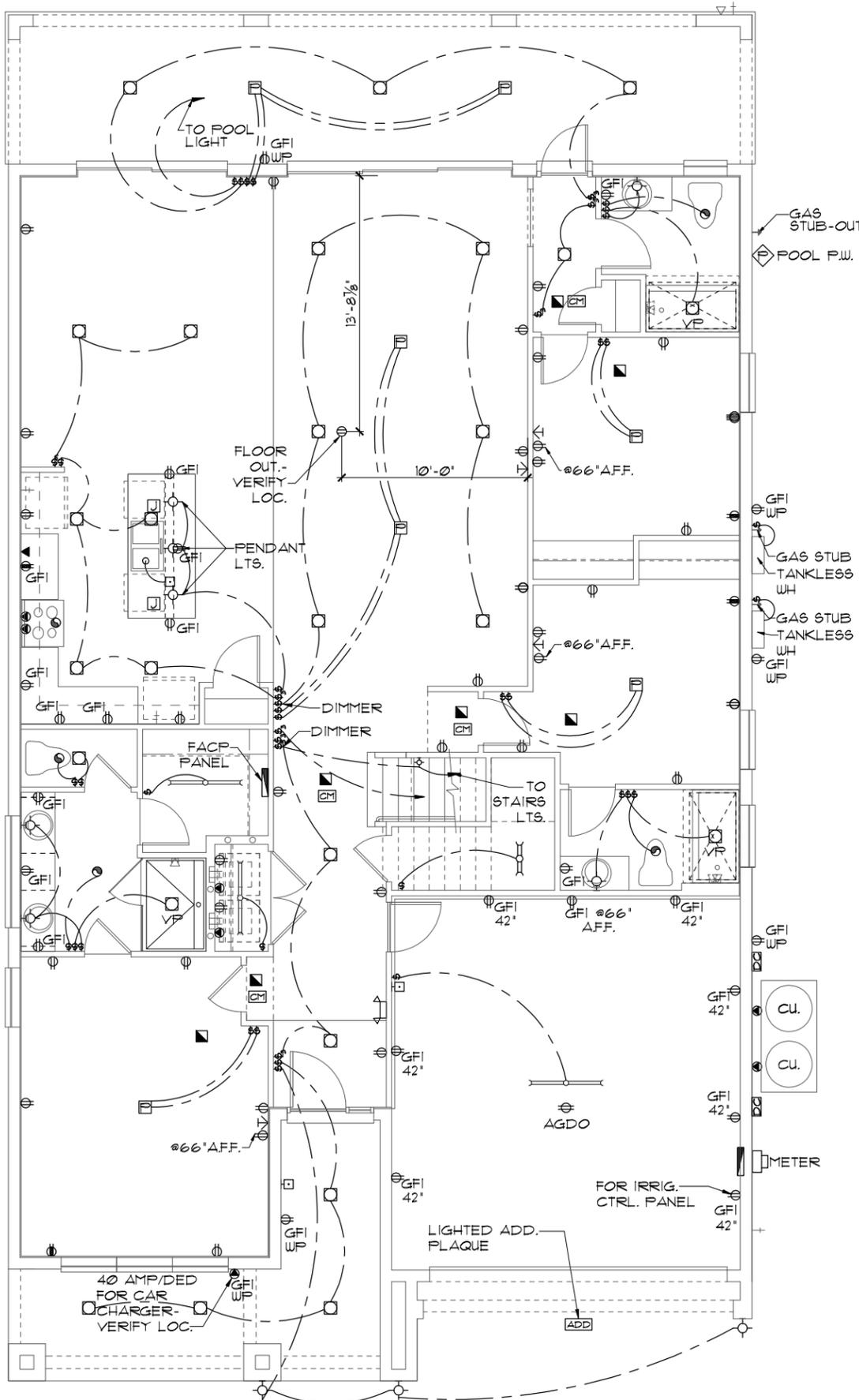
ELECTRICAL LEGEND

⊞	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊞	THREE WAY SWITCH	◀	OUTLET, PHONE
⊞	OUTLET 110-115	◻	INTERCOM
⊞	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
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⊞	OUT. 110-115, CLG. MOUNT.	⊞	CARBON MONOXIDE
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⊞	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



LEGEND

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



ELECTRICAL PLAN "D"

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

LOT: 000, PARADISO GRANDE REEF 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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REVISIONS	BY

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

MECHANICAL/GENERAL NOTES

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KIDDE: SMOKE-21007581, C/O 21006377-N

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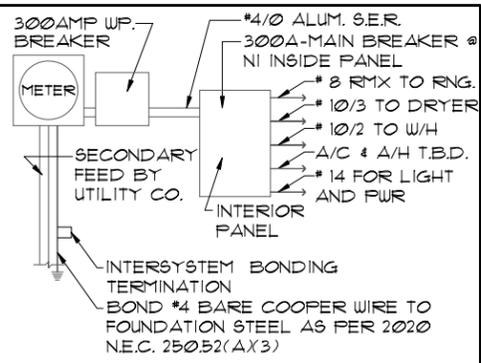
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12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2020 - ARTICLE 210-52



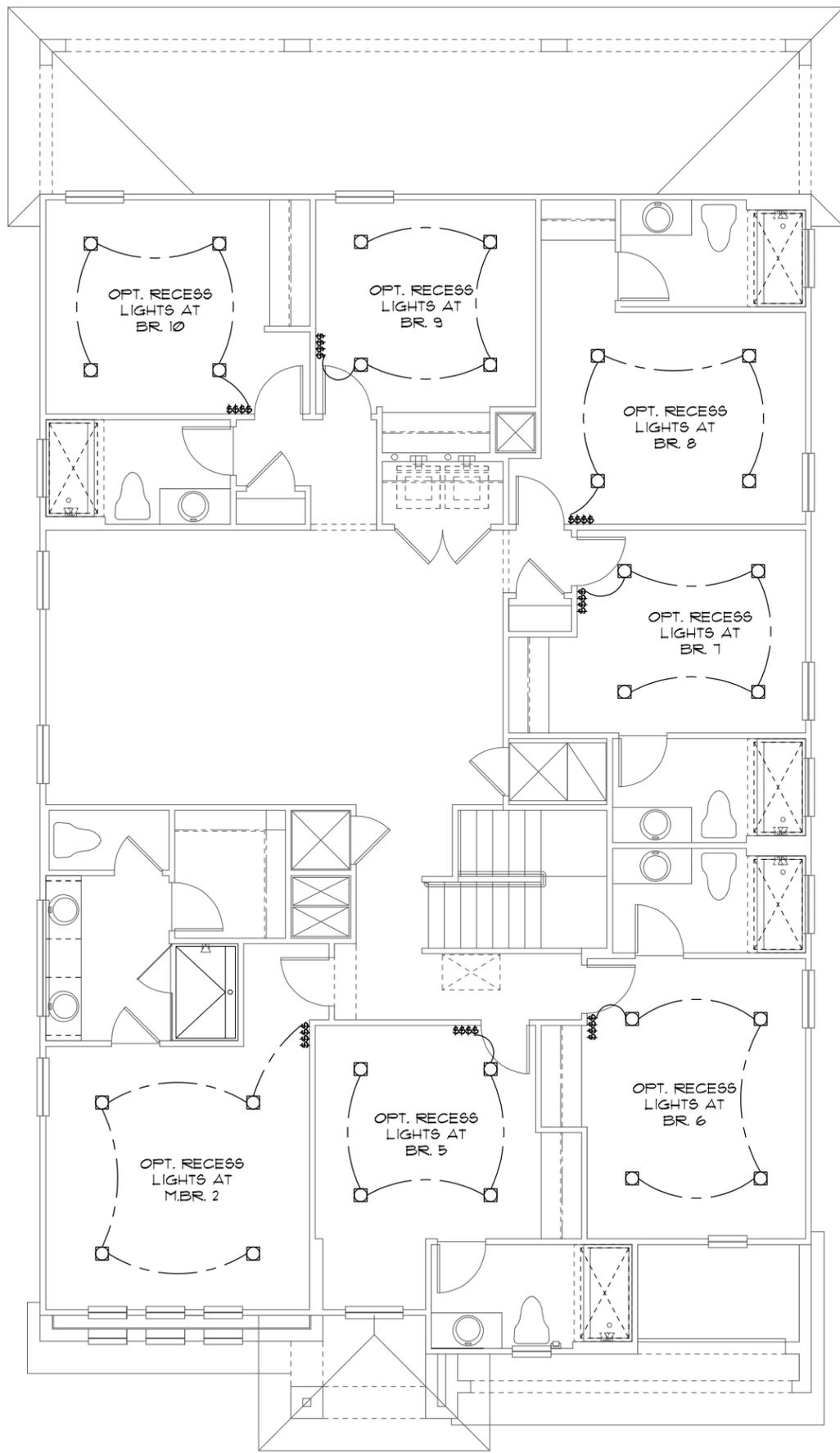
ELECTRICAL RISER DIAGRAM
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NOTE: IF MORE THAN 12 SMOKE ALARMS OR CARBON MONOXIDE ALARM COMBINATION ARE INSTALLED IN THE HOME CRIME PREVENTION WILL PULL A SEPARATE FIRE PERMIT AND THE SYSTEM WILL BE MONITORED

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
⊞	OUT. 110-115, CLG. MOUNT.	⊞	CARBON MONOXIDE
⊞	OUT. 110-115, FLR. MOUNT.	⊞	PUSH BUTTON
⊞	SPL. 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., PULL CHAIN	⊞	CEILING FAN, INSTALL
⊞	LED LIGHT FIXT., FLUORESCENT	⊞	ELECT. JUNCTION BOX
⊞	LIGHT FIXT., EXT. FLOODS	⊞	THERMOSTAT
⊞	LIGHT FIXT., EMERG. EXIT	⊞	DISCONNECT SWITCH
⊞	LIGHT FIXT., EXIT/BACKUP	⊞	ELEC. POWER METER

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



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

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

A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529-3000	
Park Square HOMES	
ELECTRICAL PLAN	
REEF	PARADISO GRANDE
4232	
DATE	04-09-21
SCALE	AS NOTED
DRAWN	RDC
JOB	4232
SHEET	10.0
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. F2001.7

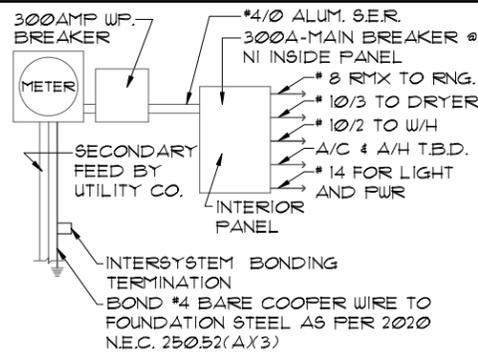
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.

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. 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.

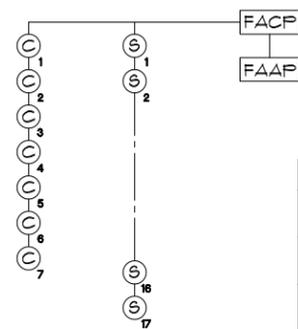
Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings or foundations have been poured before the electrical contractor arrives at the site, and a reinforcing rod is not available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

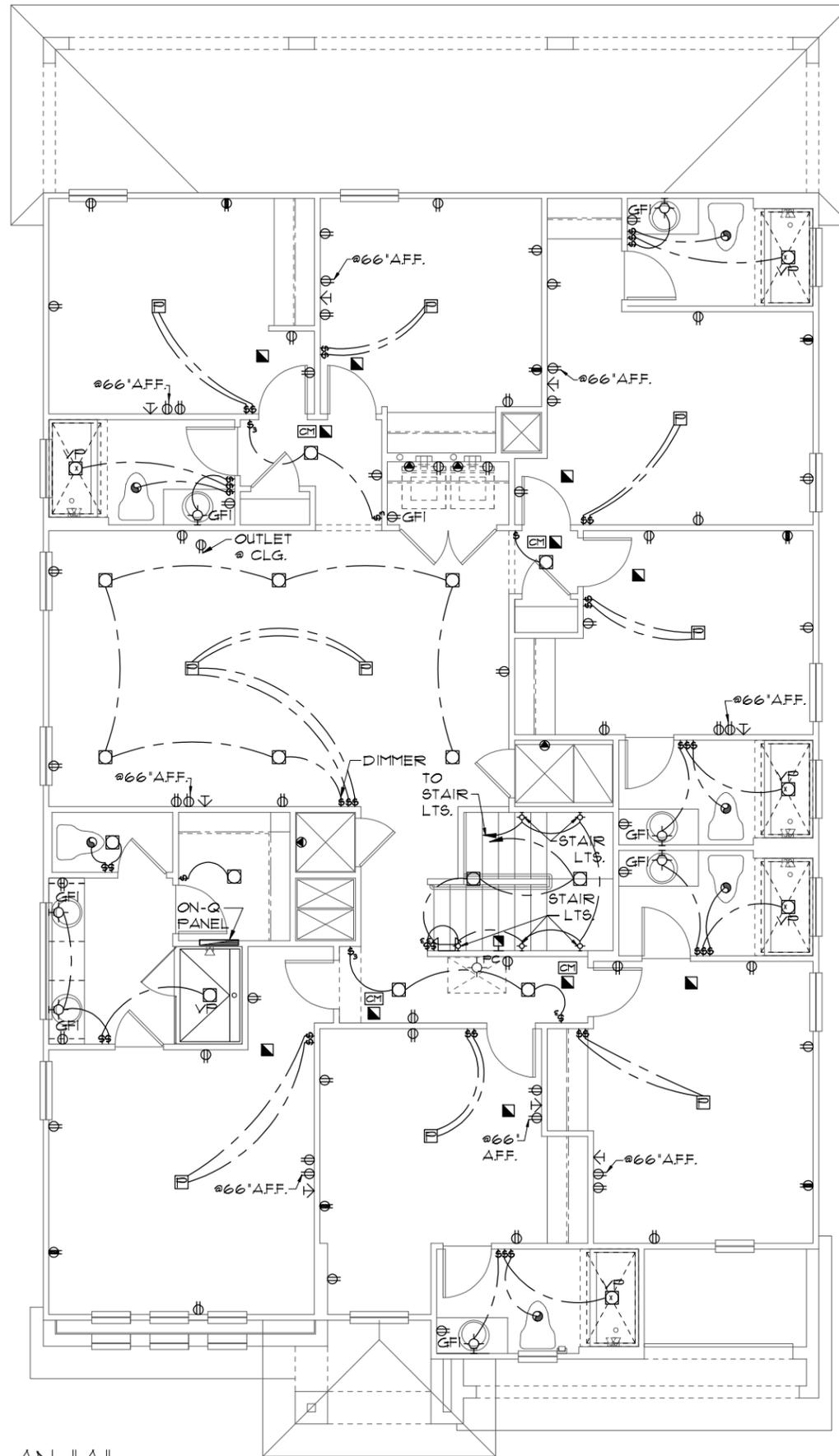
⊞	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊞	THREE WAY SWITCH	◀	OUTLET, PHONE
⊞	OUTLET 110-115	◻	INTERCOM
⊞	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
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⊞	OUT. 110-115, CLG. MOUNT.	⊞	CARBON MONOXIDE
⊞	OUT. 110-115, FLR. MOUNT.	⊞	PUSH BUTTON
⊞	SPCL. PURPOSE 220-240	⊞	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



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

PARADISO GRANDE

LOT: 000, PARADISO GRANDE

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REVISIONS	BY

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A DIVISION OF **Park Square HOMES**
ENTERPRISES, INC.
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Orlando, Florida 32817
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ELECTRICAL PLAN

REEF
PARADISO GRANDE

4232
DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 4232
SHEET
10A.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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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. F2001.1

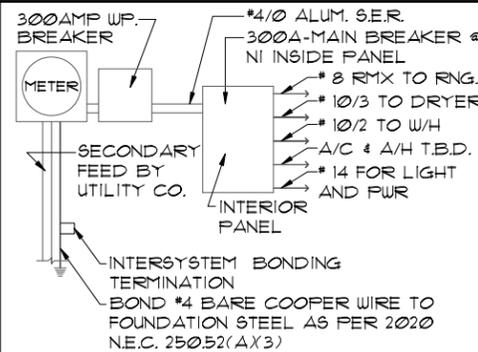
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11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA70-NEC 2020

12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A2)

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(A1) 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.

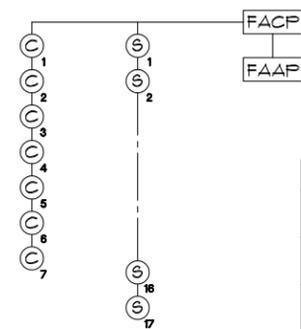
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ELECTRICAL LEGEND

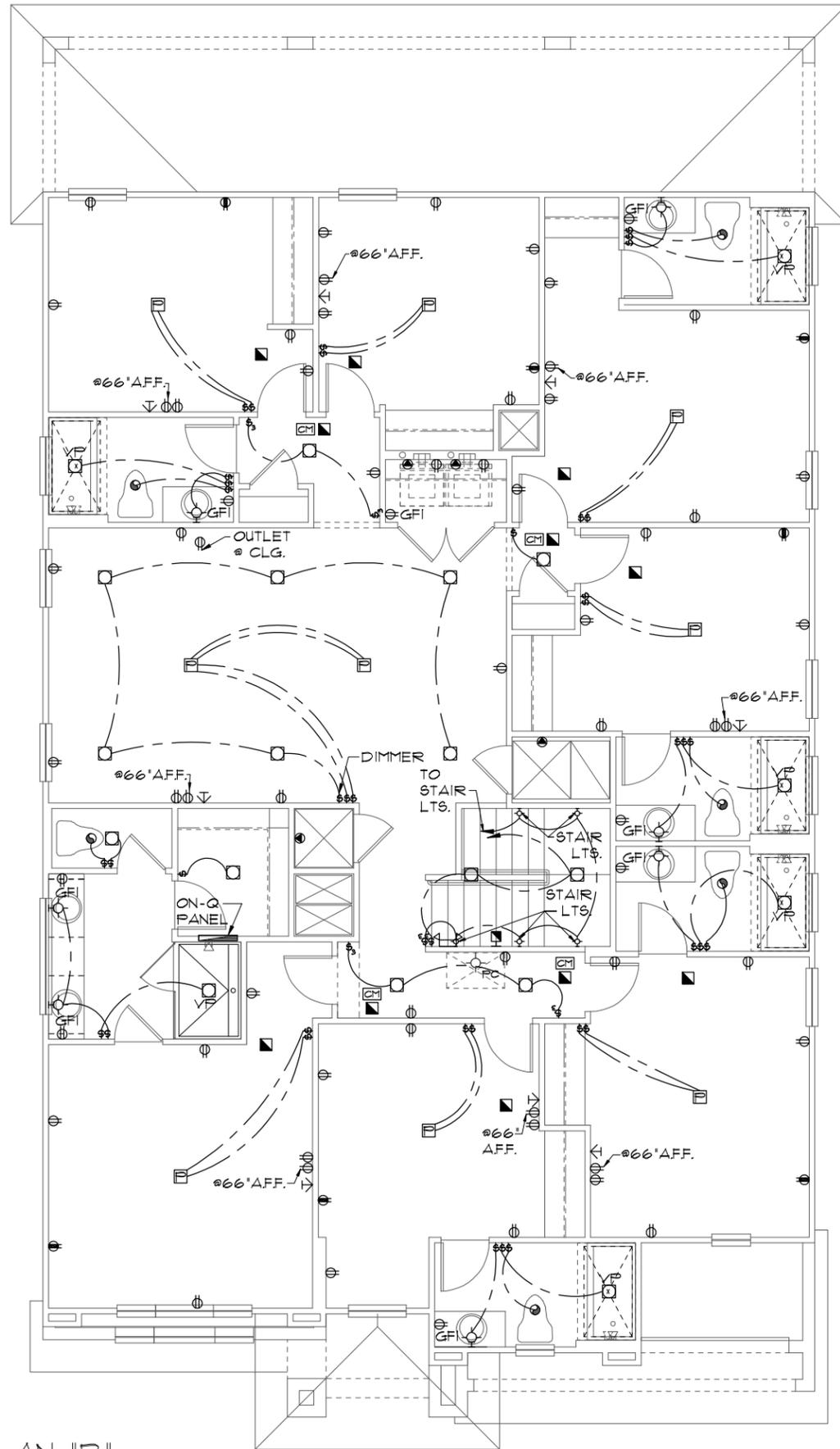
⊕	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊕	THREE WAY SWITCH	◀	OUTLET, PHONE
⊕	OUTLET 110-115	◻	INTERCOM
⊕	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
⊕	OUT. 110-115, W/ USB	⊞	SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE
⊕	OUT. 110-115, CLG. MOUNT.	⊞	CARBON MONOXIDE
⊕	OUT. 110-115, FLR. MOUNT.	⊞	PUSH BUTTON
⊕	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

RISER DIAGRAM



LEGEND

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



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

PARADISO GRANDE

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

Park Square HOMES

ELECTRICAL PLAN

PARADISO GRANDE

<p>ITEG INDUSTRIAL ENGINEERING GROUP, INC. 10000 Lake Nona Blvd., Suite 100 Orlando, FL 32817 Tel: (407) 734-1400 Fax: (407) 734-1790 www.iteg.com</p>	
REVISIONS	BY
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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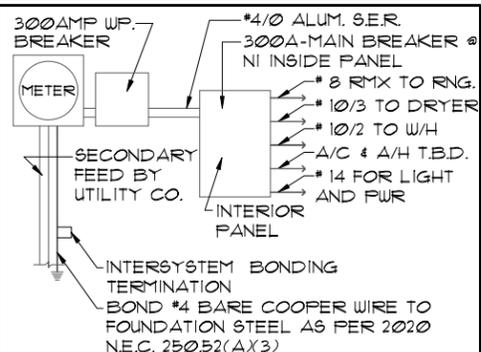
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12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2020 - ARTICLE 210-52



ELECTRICAL RISER DIAGRAM

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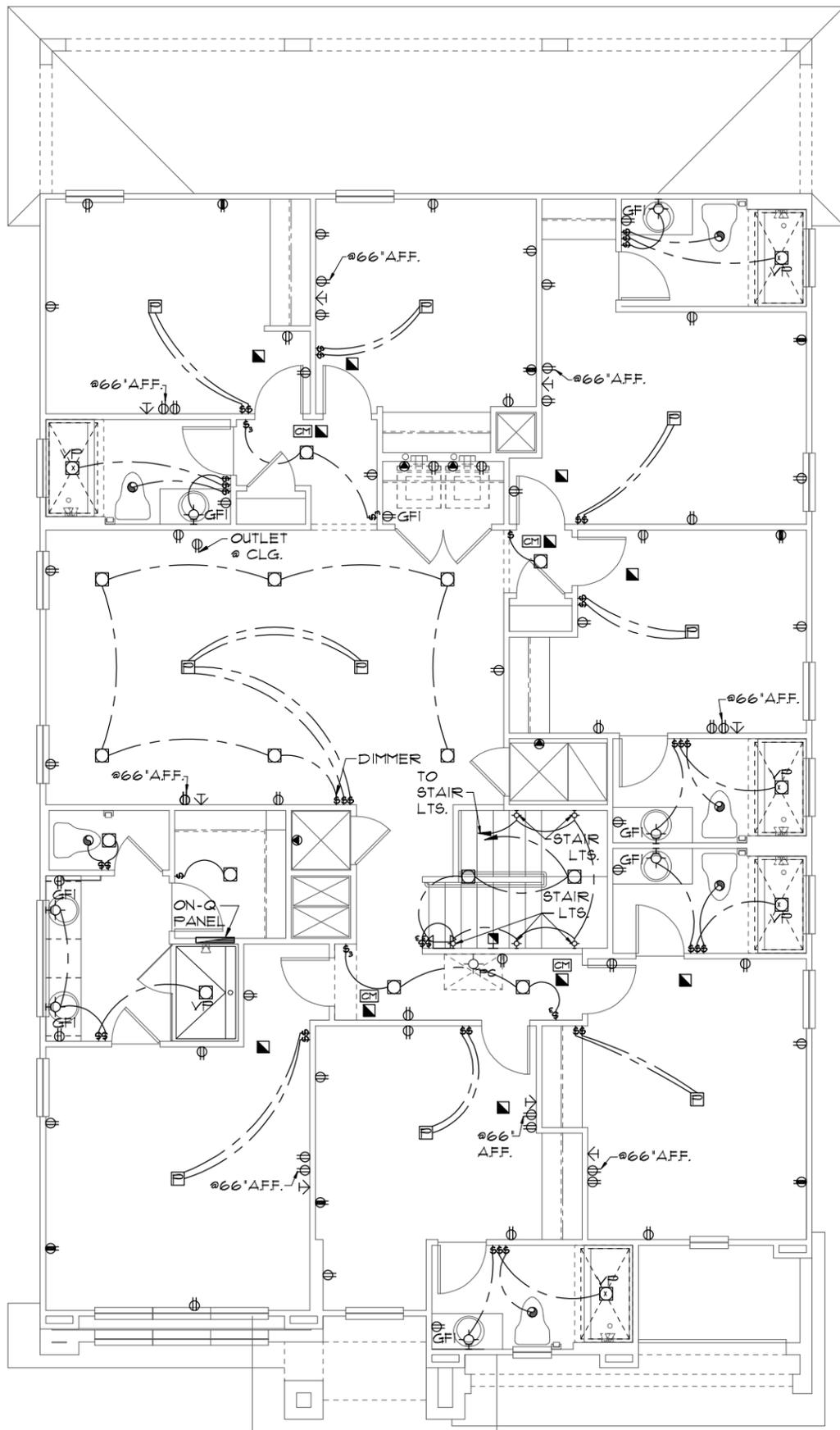
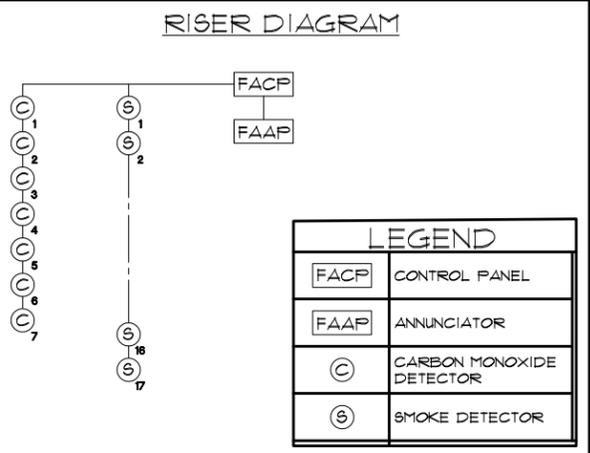
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ELECTRICAL LEGEND

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



UPPER ELECTRICAL PLAN "C"

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

LOT: 0000, PARADISO GRANDE

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PARADISO GRANDE

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

ITEG
HARRISON ENGINEERING GROUP, INC.
10000 Lake Nona Blvd., Suite 100
Orlando, FL 32817
Tel: (407) 734-1400
Fax: (407) 734-1790
www.iteg.com

REEF

PARADISO GRANDE

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

MECHANICAL/GENERAL NOTES

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. F2001.1

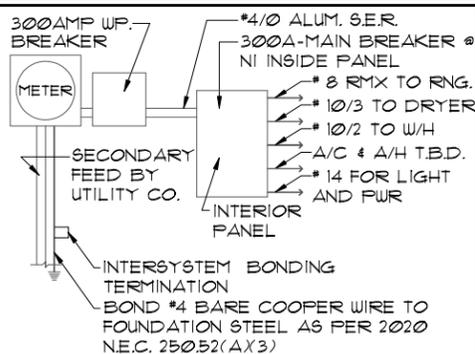
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.

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,

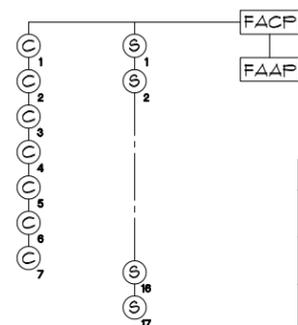
and a reinforcing rod is not available for use as a grounding electrode, then a grounding connection to thereinforcing rod is not required.

NOTE: 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

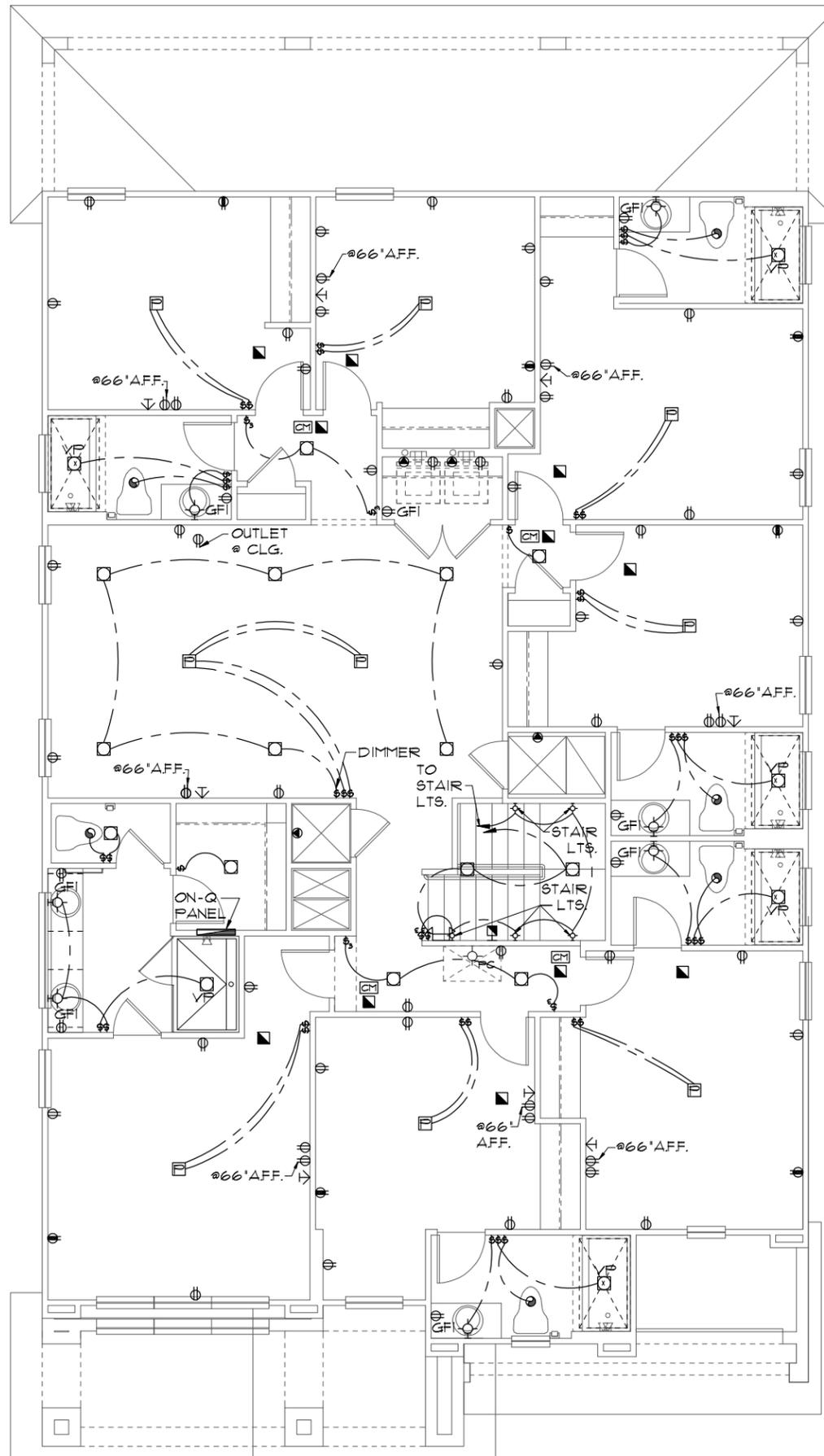
⊕	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊕	THREE WAY SWITCH	◀	OUTLET, PHONE
⊕	OUTLET 110-115	◻	INTERCOM
⊕	OUT. 110-115, SPLIT WIRED	⊕	CHIMES
⊕	OUT. 110-115, W/ USB	⊕	SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE
⊕	OUT. 110-115, CLG. MOUNT.	⊕	CARBON MONOXIDE
⊕	OUT. 110-115, FLR. MOUNT.	⊕	PUSH BUTTON
⊕	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

RISER DIAGRAM



LEGEND

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



UPPER 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

PARADISO GRANDE

A DIVISION OF PARK SQUARE ENTERPRISES, INC.

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ELECTRICAL PLAN

REEF

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4232

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 4232

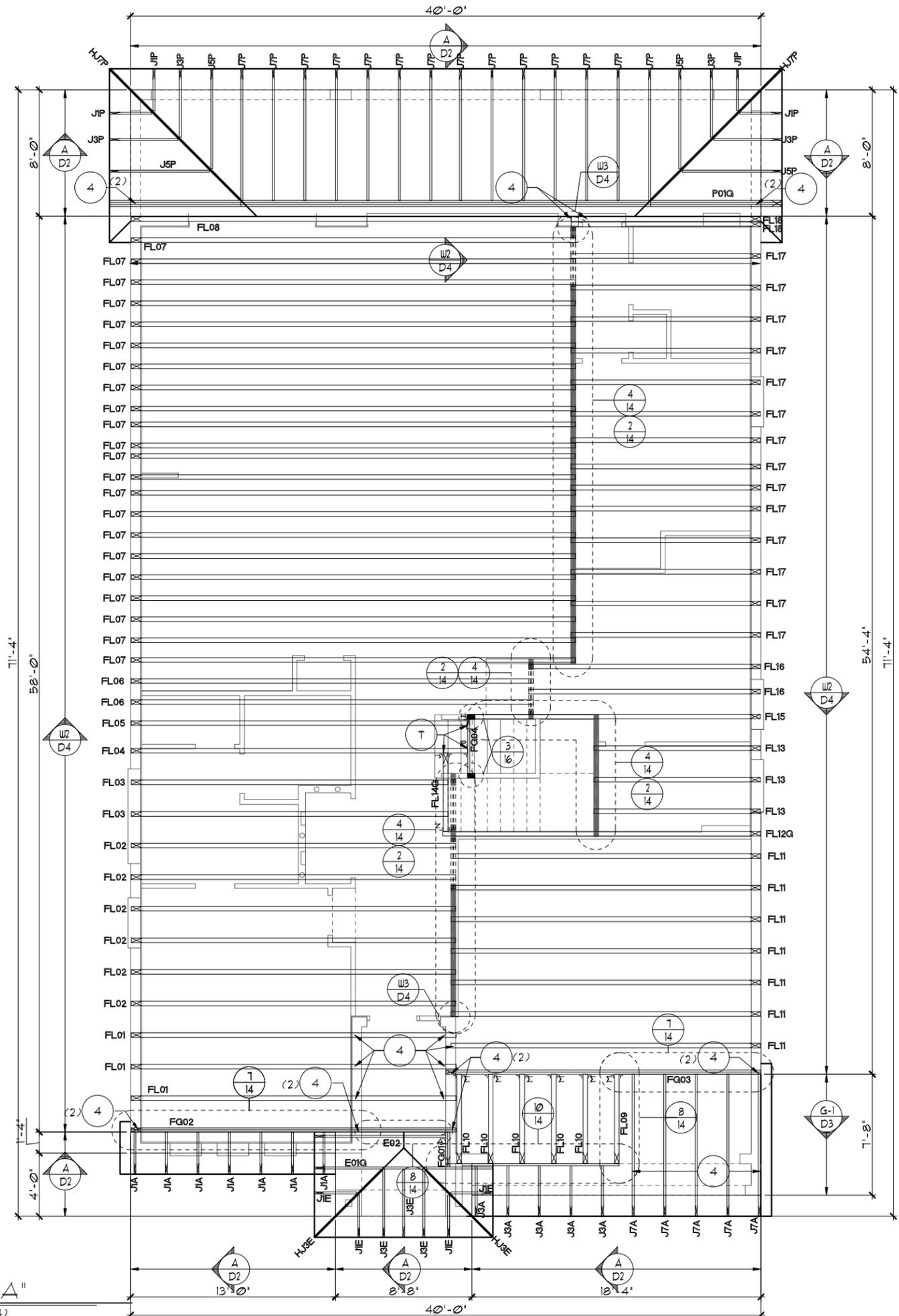
SHEET

10D.0

OF SHEETS

NOTES

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2. TYPICAL ROOF EAVES OVERHANG TO BE 12' UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BC61.1.
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 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.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :
 - O-HAGIN - 1' X 19' HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R905.3.5



TRUSS LAYOUT "A"
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Park Square HOMES

TRUSS LAYOUT

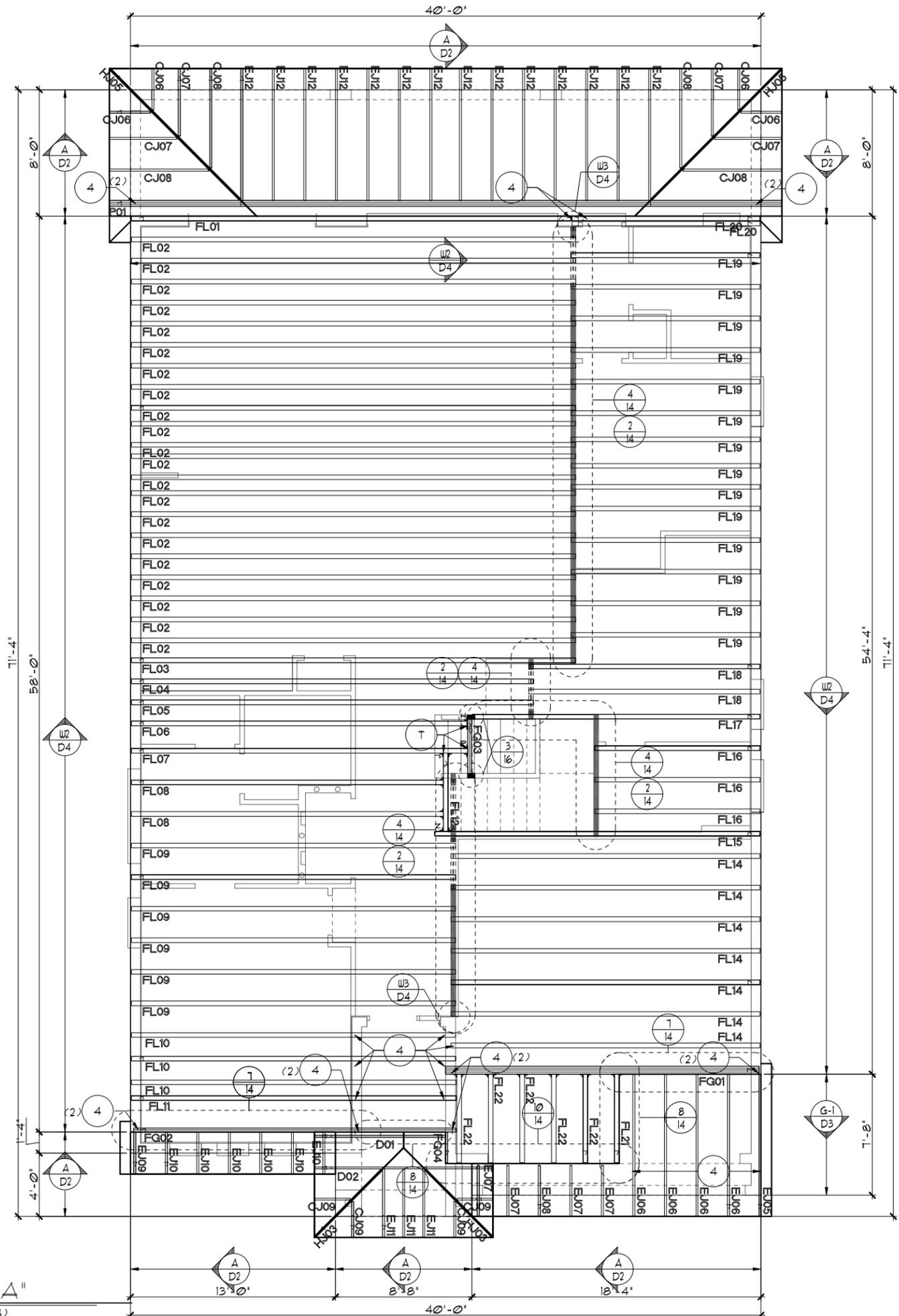
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 JOB 4232
 SHEET 11A.0
 OF SHEETS

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NOTES

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8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :
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TRUSS LAYOUT "A"

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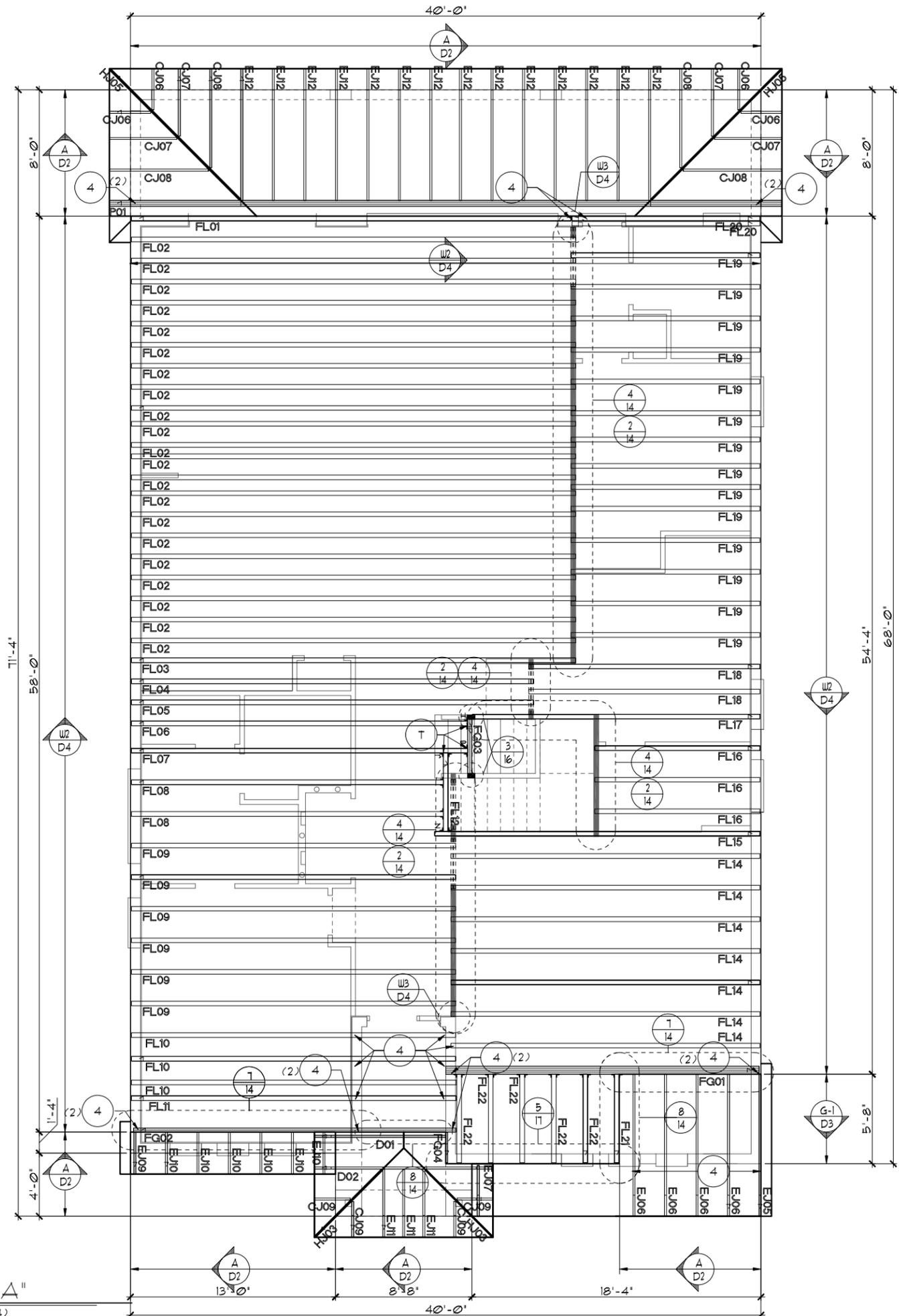
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		TRUSS LAYOUT
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4232		DATE 04-09-21
		SCALE AS NOTED
		DRAWN RDC
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		SHEET
11A.0		OF SHEETS

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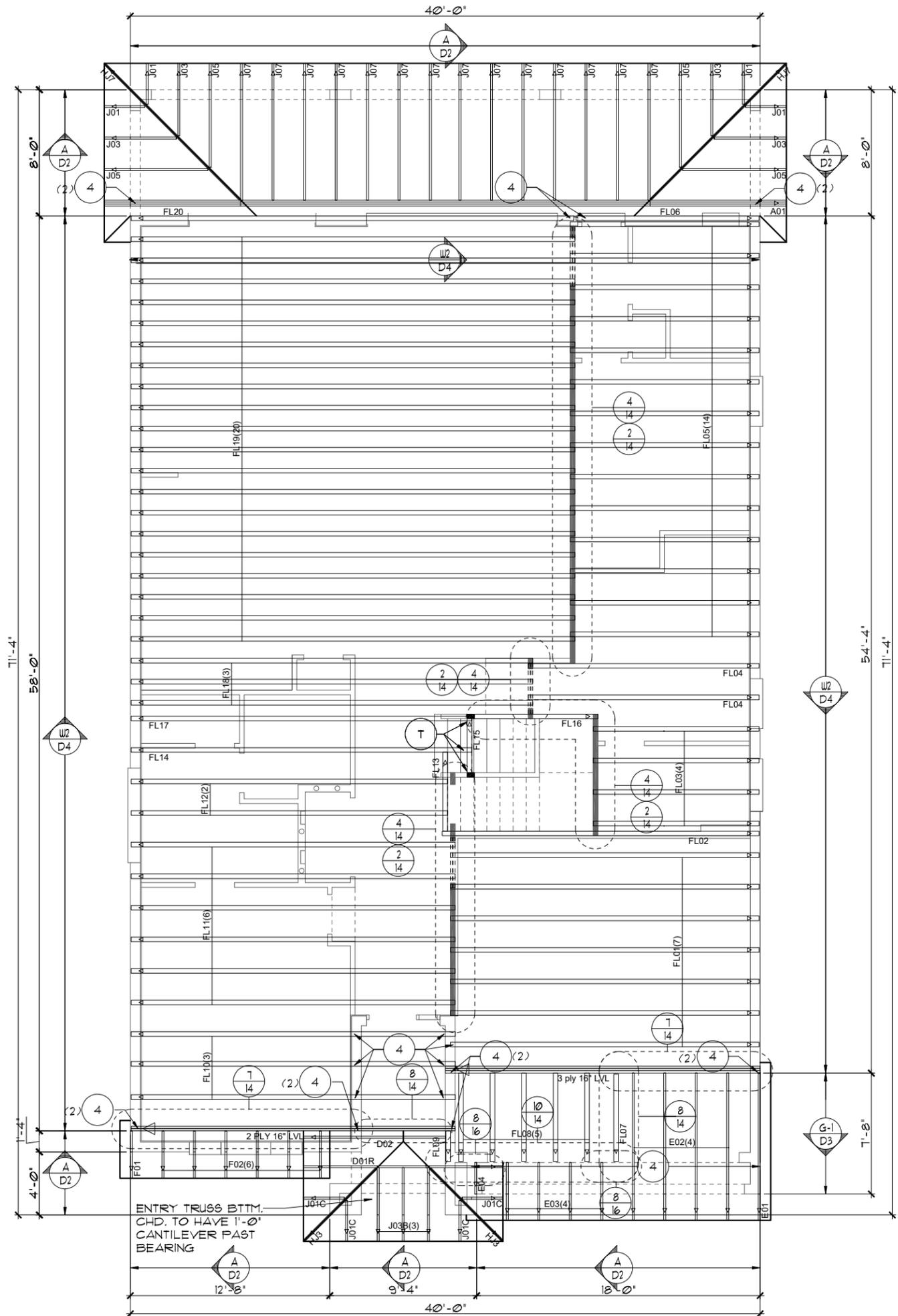
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- NOTES**
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TRUSS LAYOUT "B"

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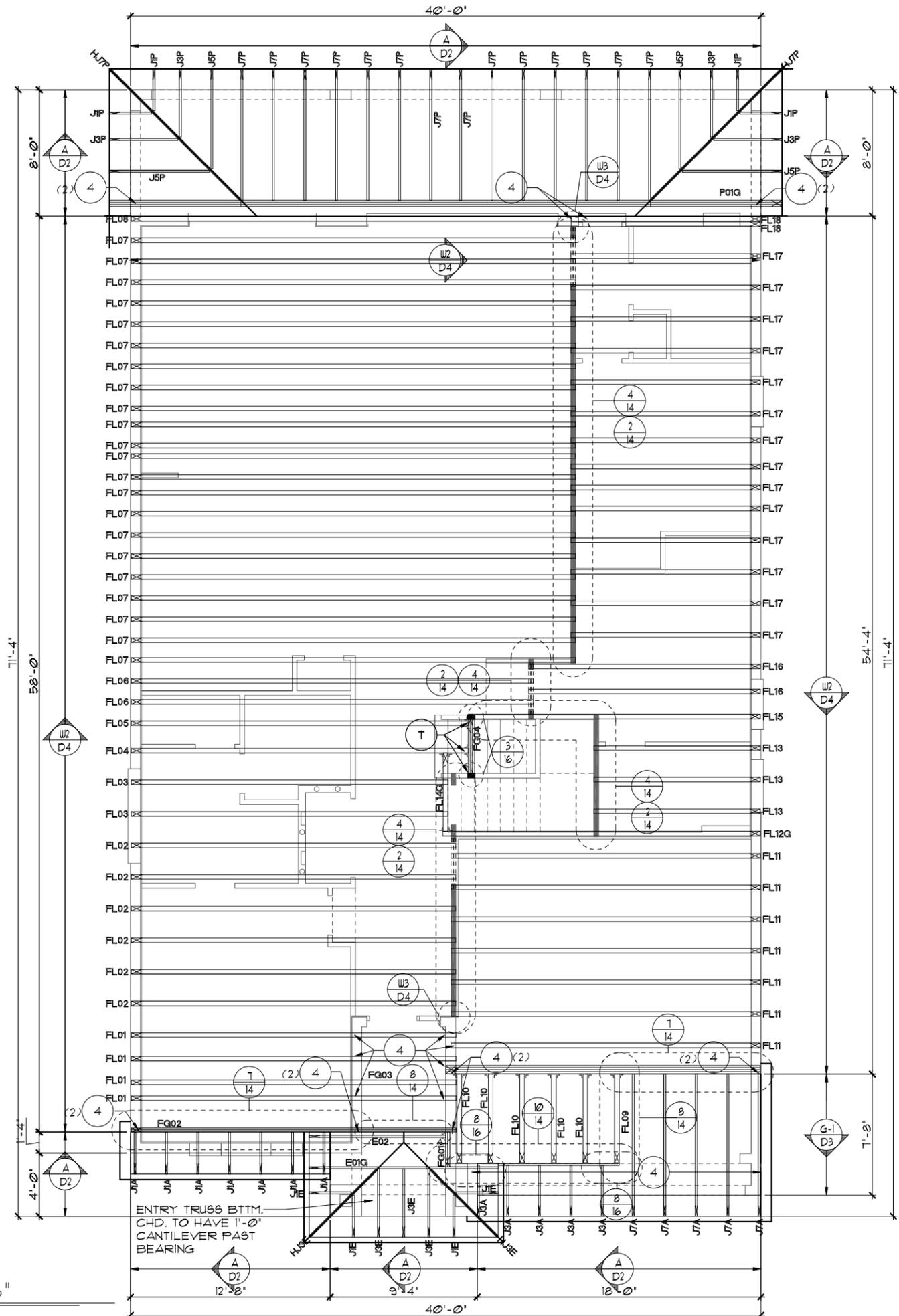
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TRUSS LAYOUT "B"

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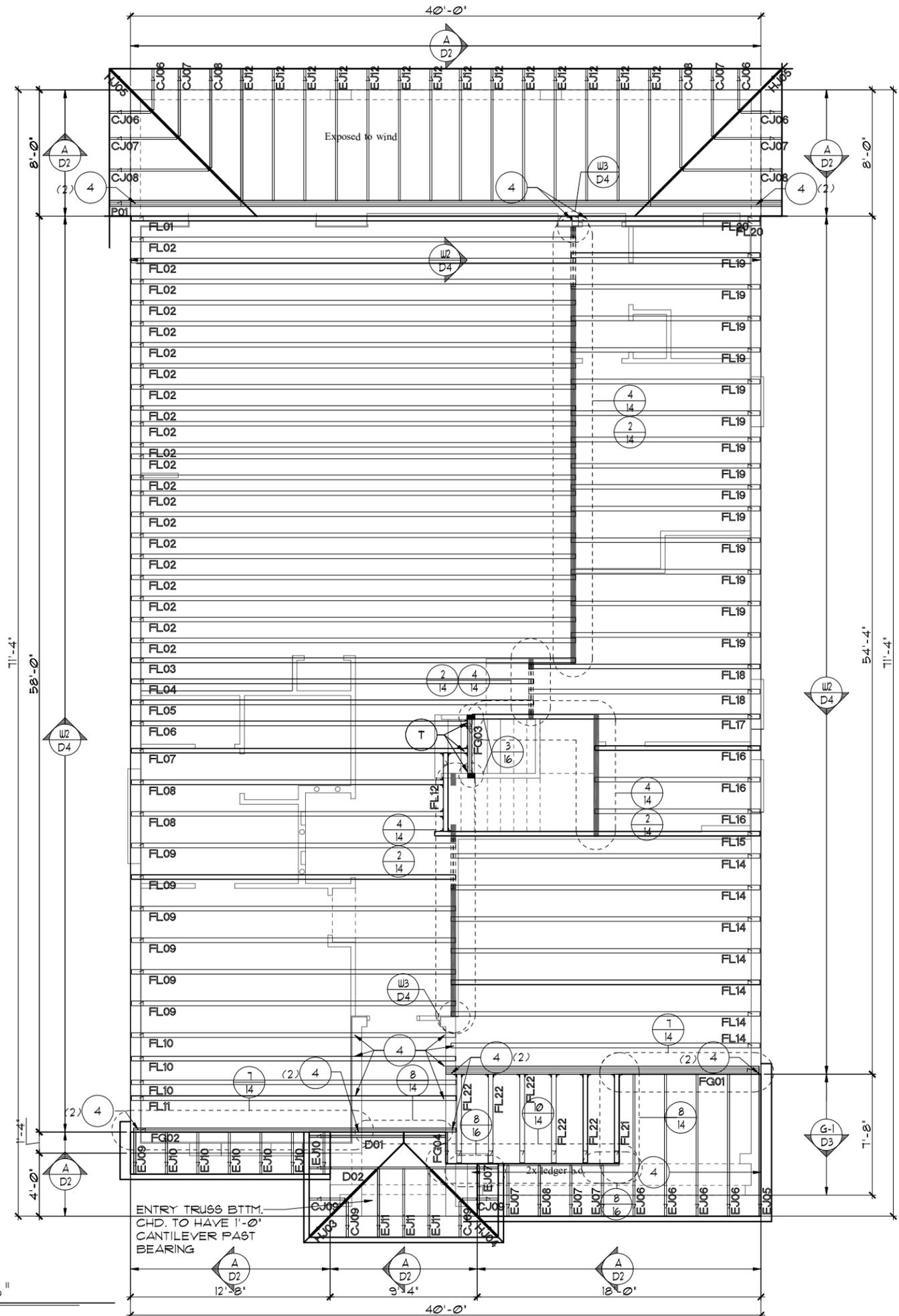
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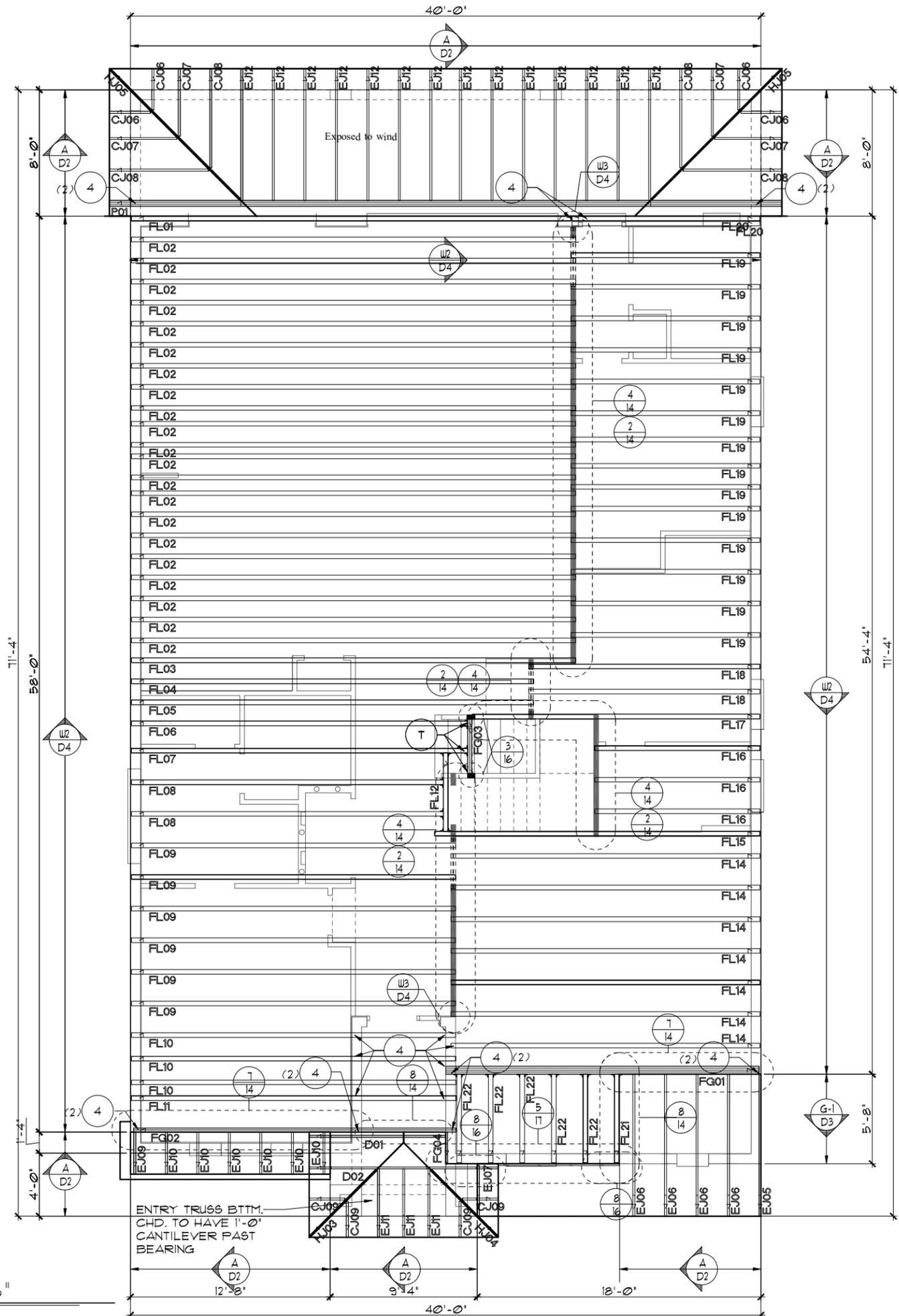
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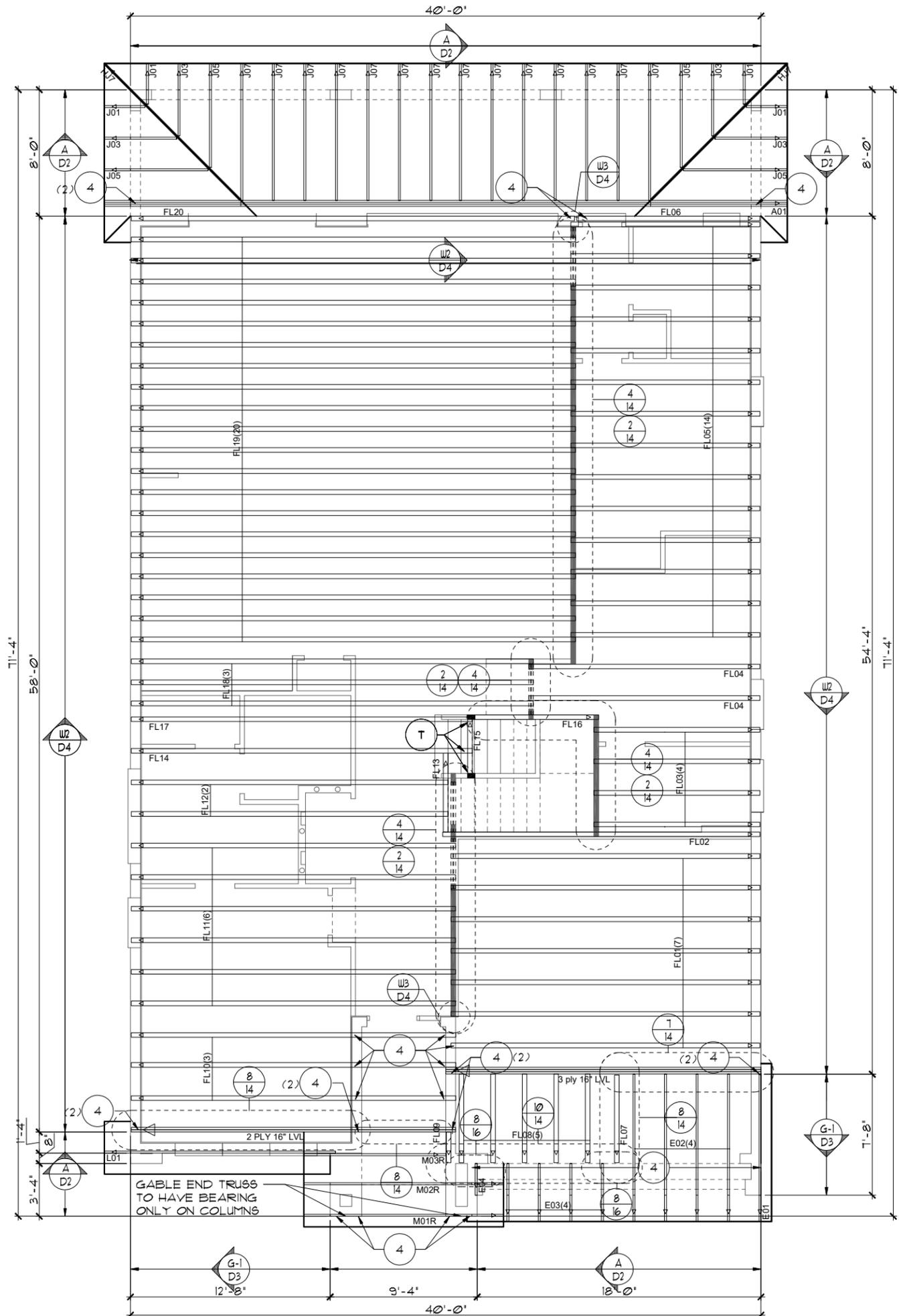
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- PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
- ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, 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/WTC A BCS1 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, D1970, 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

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 BC91 I.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 11TH EDITION R305.3.3.
Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :
• O-HAGIN - 1' X 19" HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 11TH EDITION ASTM C1492-R305.3.5



TRUSS LAYOUT "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

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

Park Square HOMES

TRUSS LAYOUT

REEF

PARADISO GRANDE

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

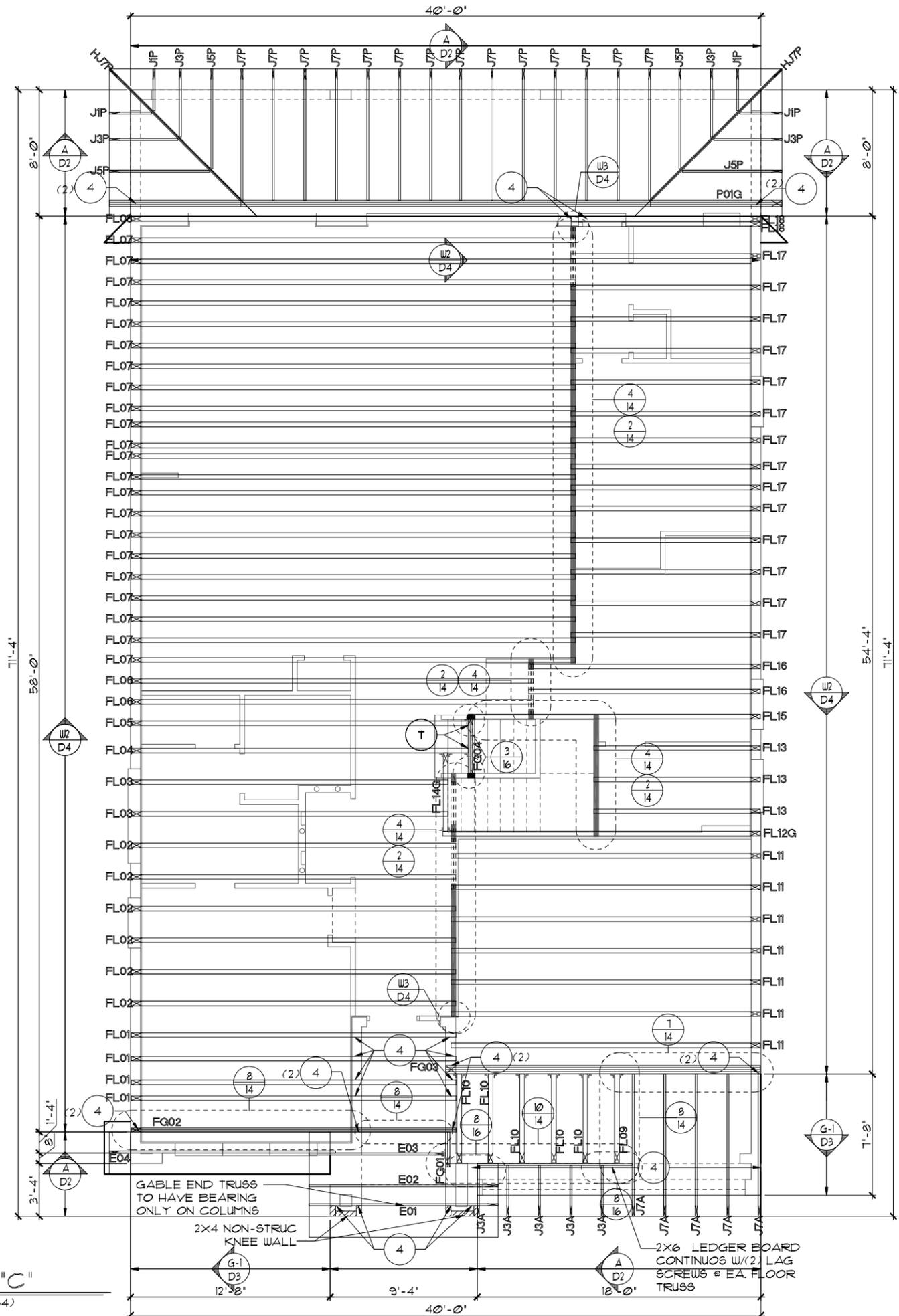
REVISIONS	BY

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THOMPSON ENGINEERING GROUP, INC.
10000 Lake Nona Blvd., Suite 100
Orlando, FL 32826
Tel: (407) 734-1400
Fax: (407) 734-1700
www.iteg.com

DESIGNED BY: [Signature]
CHECKED BY: [Signature]

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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- 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:
 - 0-HAGIN - 7' X 19" HOLE
- TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R905.3.5



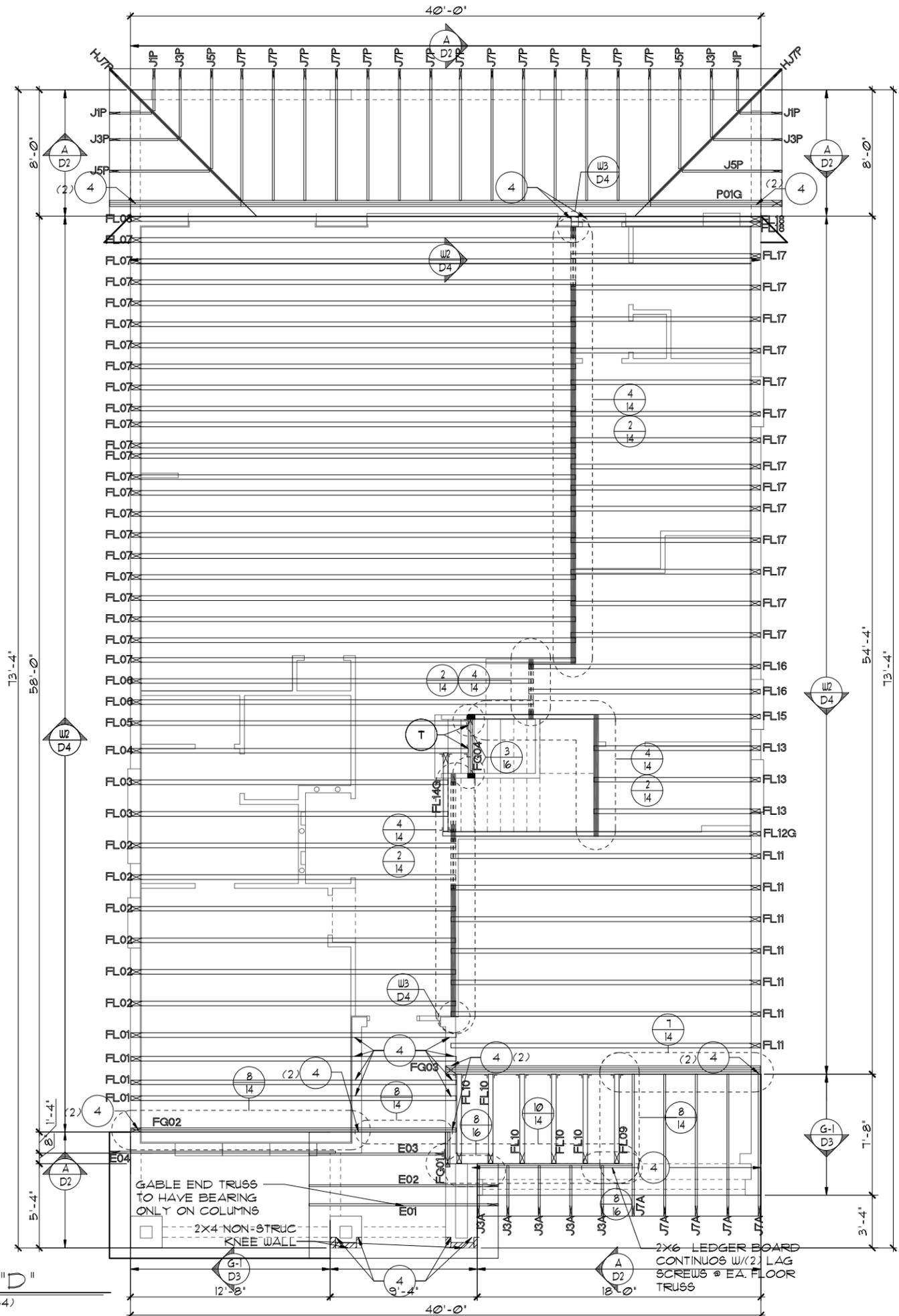
TRUSS LAYOUT "C"
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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

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

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

- 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 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:
• 0-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)

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

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

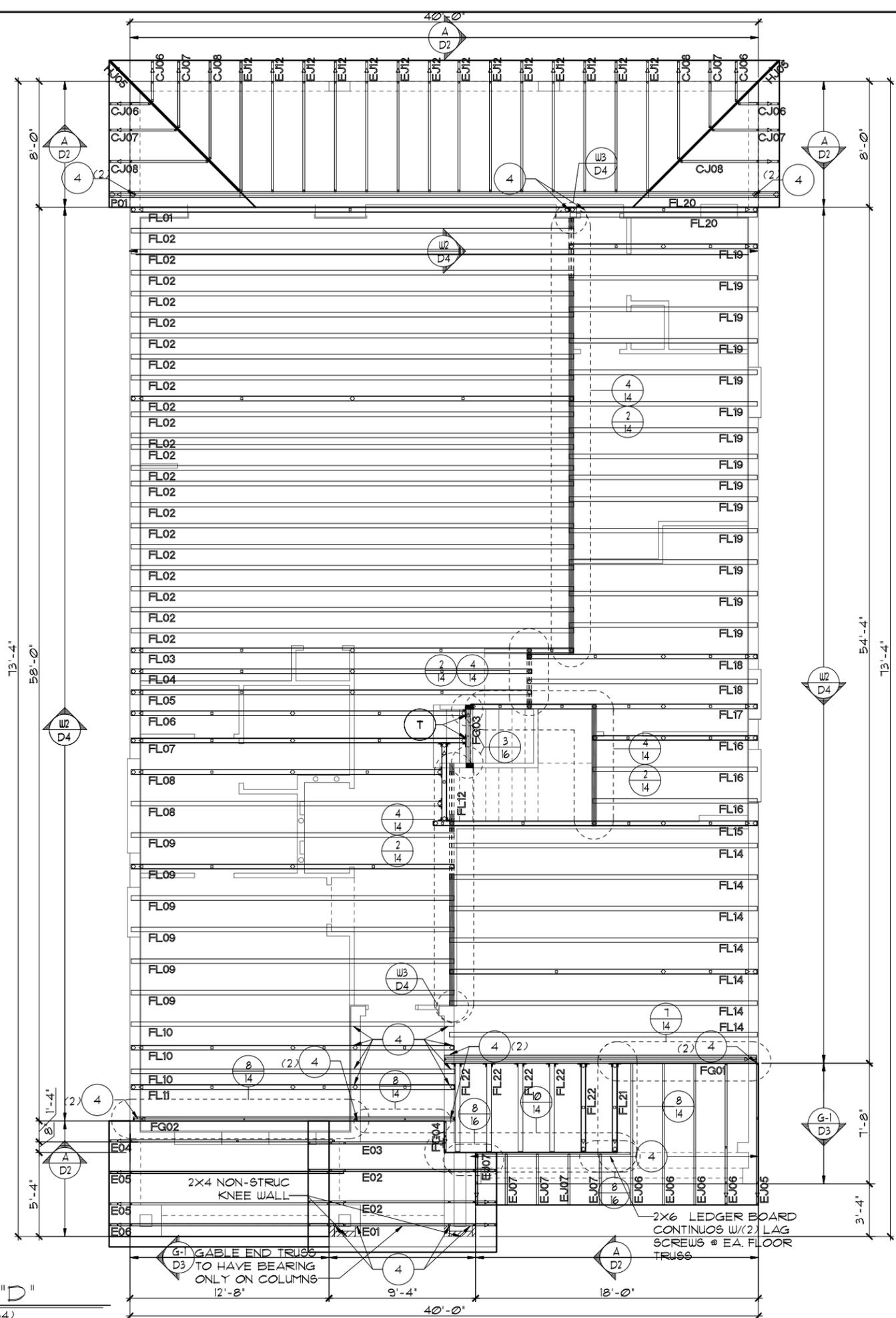
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TRUSS LAYOUT

REEF
PARADISO GRANDE

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

- NOTES**
1. TYPICAL ROOF GABLE OVERHANG TO BE 12' UNLESS OTHERWISE NOTED.
 2. TYPICAL ROOF EAVES OVERHANG TO BE 12' UNLESS OTHERWISE NOTED.
 3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
 4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
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 6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
1. 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.
 2. OFF RIDGE VENTS MAXIMUM OPENING SIZES:
• O-HAGIN - 1' x 19" HOLE
 3. 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)

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 PARADISO GRANDE
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Park Square HOMES

TRUSS LAYOUT

REEF

PARADISO GRANDE

4232

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 4232

SHEET 11D.0

OF SHEETS

ATTIC VENTILATION CALCULATIONS

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

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

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

UPPER PORTION VENTILATION TOTAL: **3.88SF.**
 PROVIDED W/OFF RIDGE VENTS: **4** VENTS @ **97SF.** /VENT.
 (TILE: O'HAGIN MODEL 'S', SHINGLE: LOMANCO TT0-D OR MILLENNIUM METAL)
 LOWER PORTION VENTILATION TOTAL: **17.4SF.**
 PROVIDED W/OFFITS @ EAVE: **200LF.** @ **0.087SF** VENTING/L.F.

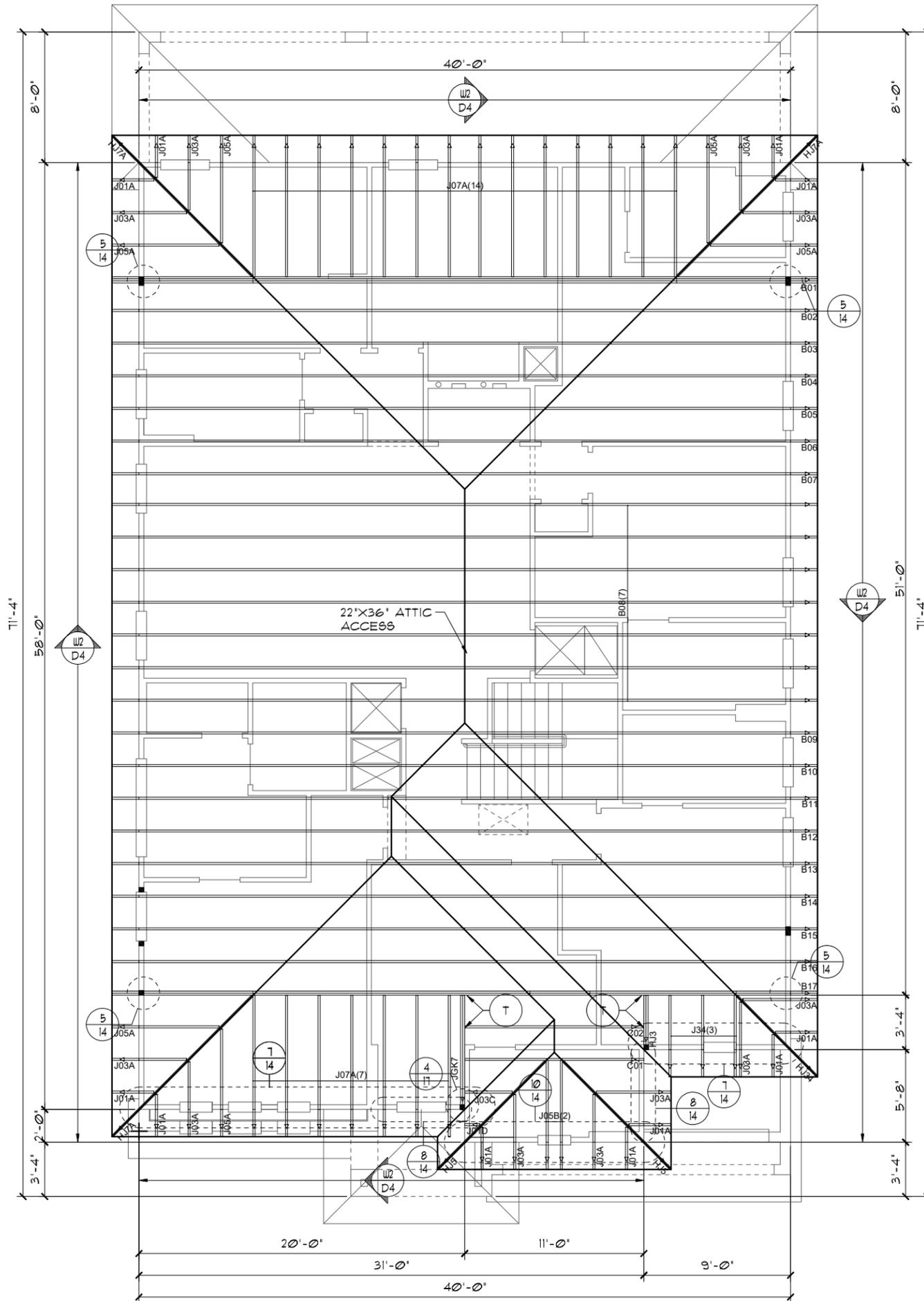
UPPER PORTION PERCENTAGE: **49%**
 LOWER PORTION PERCENTAGE: **51%**

NOTES

- 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 1TH 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 BC51.1.
- REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 1TH EDITION R305.1.1. - Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
- OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - LOMANCO : (2) 3 1/4" DIA. CIRCLES
 - MILLENNIUM METAL : 2 1/2" X 46" HOLE

TRUSS LAYOUT "A"

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



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

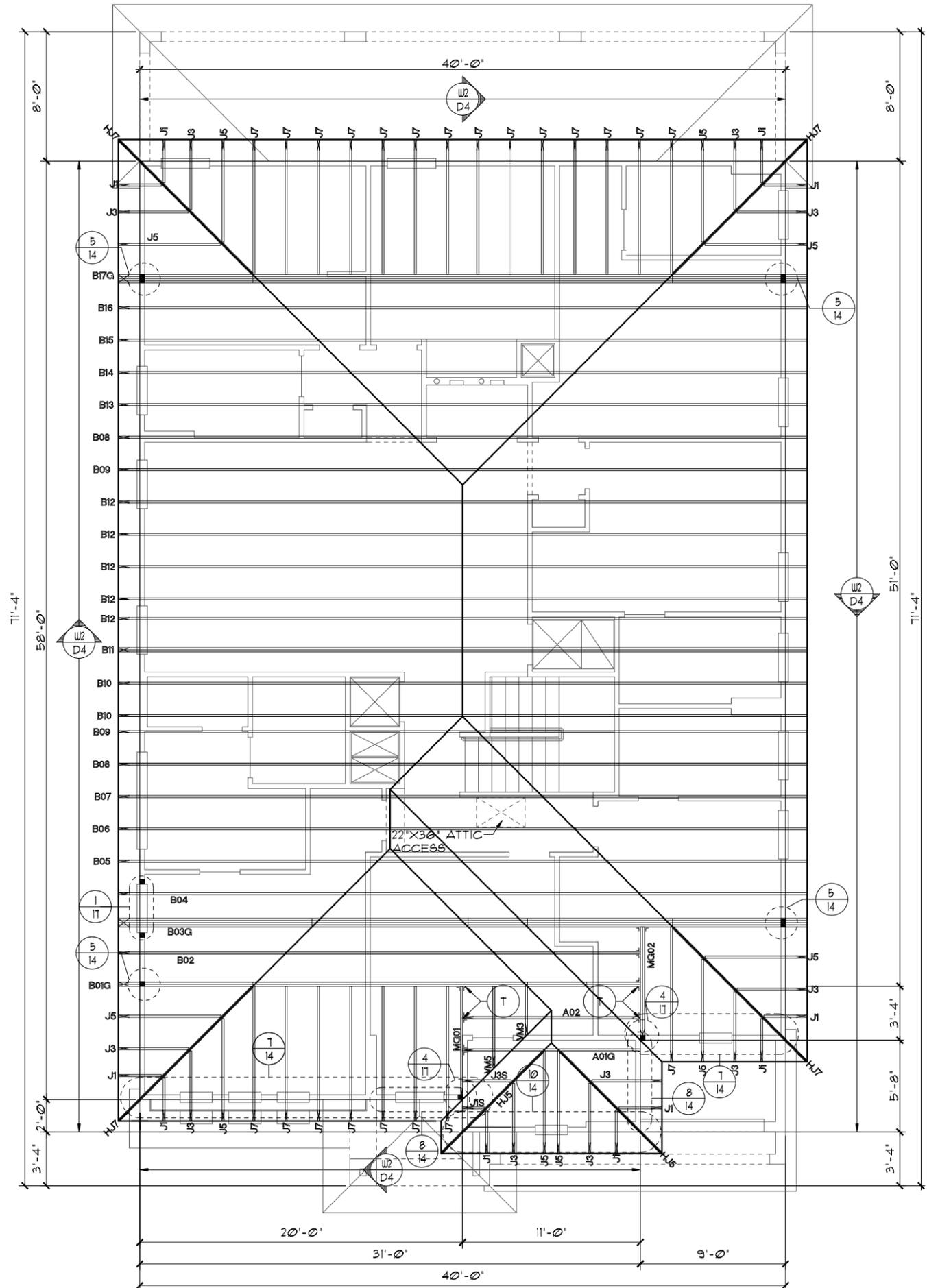
UPPER PORTION VENTILATION TOTAL:----- **3.88S.F.**
 PROVIDED W/OFF RIDGE VENTS: 4 VENTS @ $\underline{.97\text{S.F.}}$ /VENT.
 (VENT TYPE: O'HAGIN MODEL 'S')

LOWER PORTION VENTILATION TOTAL:----- **1.74S.F.**
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:
 ($\underline{200\text{L.F.}}$ @ $\underline{0.087\text{S.F.}}$ VENTING PER 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 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 I.
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, D1970, 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 - 1' x 19" HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R905.3.5



TRUSS LAYOUT "A"

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

PARADISO GRANDE

A DIVISION OF PARK SQUARE ENTERPRISES, INC.

TRUSS LAYOUT

REEF

PARADISO GRANDE

REVISIONS	BY

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 FAX: (407) 734-1790
 www.iteg.com

Park Square HOMES

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

4232

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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 © COPYRIGHT 2015 Park Square Homes hereby reserves its common law copyrights and other copyrights in these plans, ideas, and design. These plans, ideas, and designs are not to be copied or changed in any manner or form whatsoever, nor are they to be assigned to any third party without first obtaining the express written permission from Park Square Homes.

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.

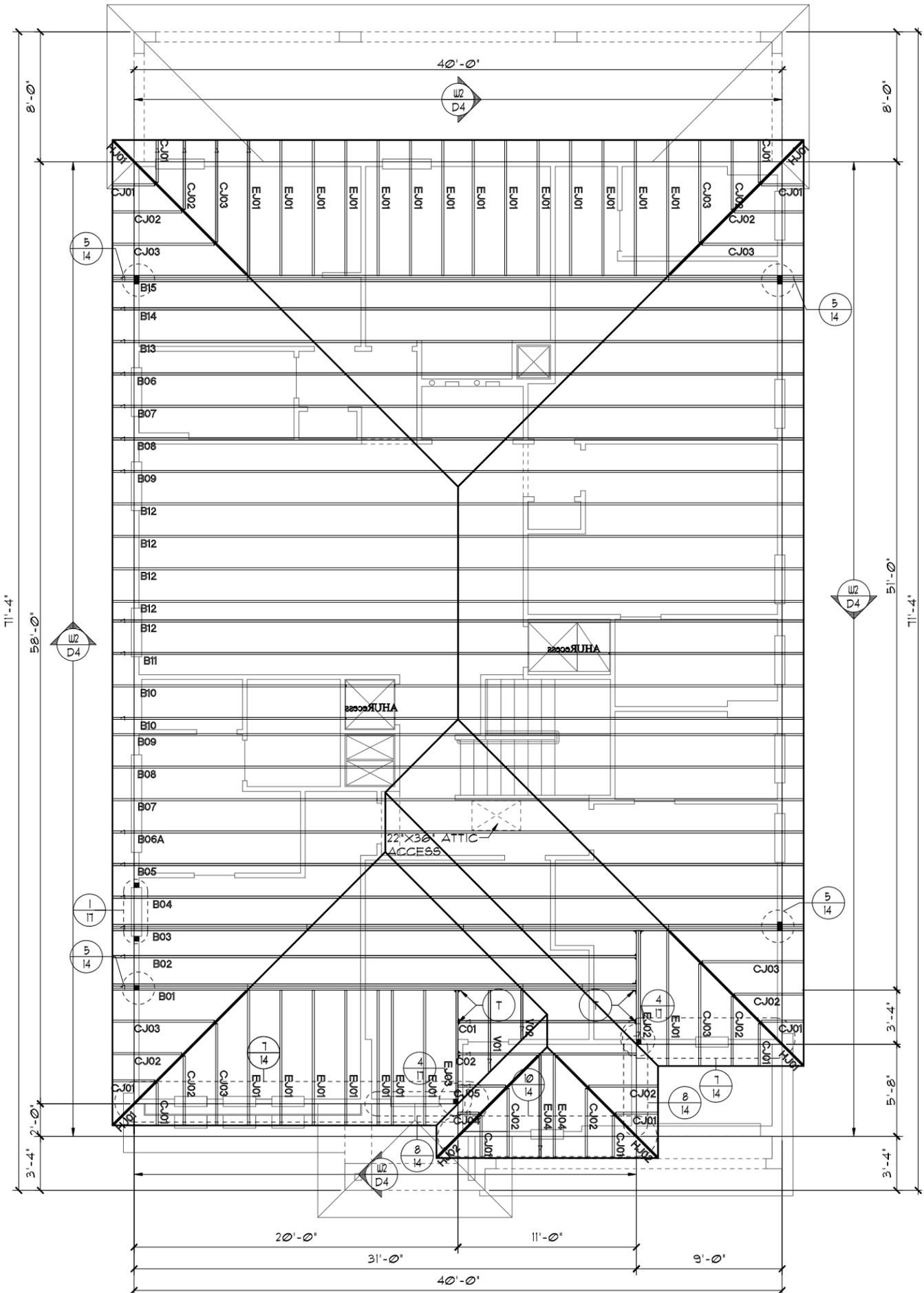
UPPER PORTION VENTILATION TOTAL:----- 388S.F.
 PROVIDED W/OFF RIDGE VENTS: 4 VENTS @ 97S.F. /VENT.
 (VENT TYPE: O'HAGIN MODEL 'S')

LOWER PORTION VENTILATION TOTAL:----- 174S.F.
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:
 (200L.F. @ 0.087S.F. VENTING PER 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 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
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8. OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - O-HAGIN - 1' X 19" HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R905.3.5



TRUSS LAYOUT "A"

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

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

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

REVISIONS		BY
A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida, 32811 Phone: (407) 529-3000		
TRUSS LAYOUT		
REEF		PARADISO GRANDE
4232		DATE 04-09-21
		SCALE AS NOTED
		DRAWN RDC
		JOB 4232
		SHEET
		12A.0
		SHEETS

ATTIC VENTILATION CALCULATIONS

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

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

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

UPPER PORTION VENTILATION TOTAL: **3.88SF.**
 PROVIDED W/OFF RIDGE VENTS: **4** VENTS @ **979SF.** /VENT.
 (TILE: O'HAGIN MODEL 'S', SHINGLE: LOMANCO T10-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: **17.4SF.**
 PROVIDED W/OFFITS @ EAVE: **200LF.** @ **0.087SF** VENTING/L.F.

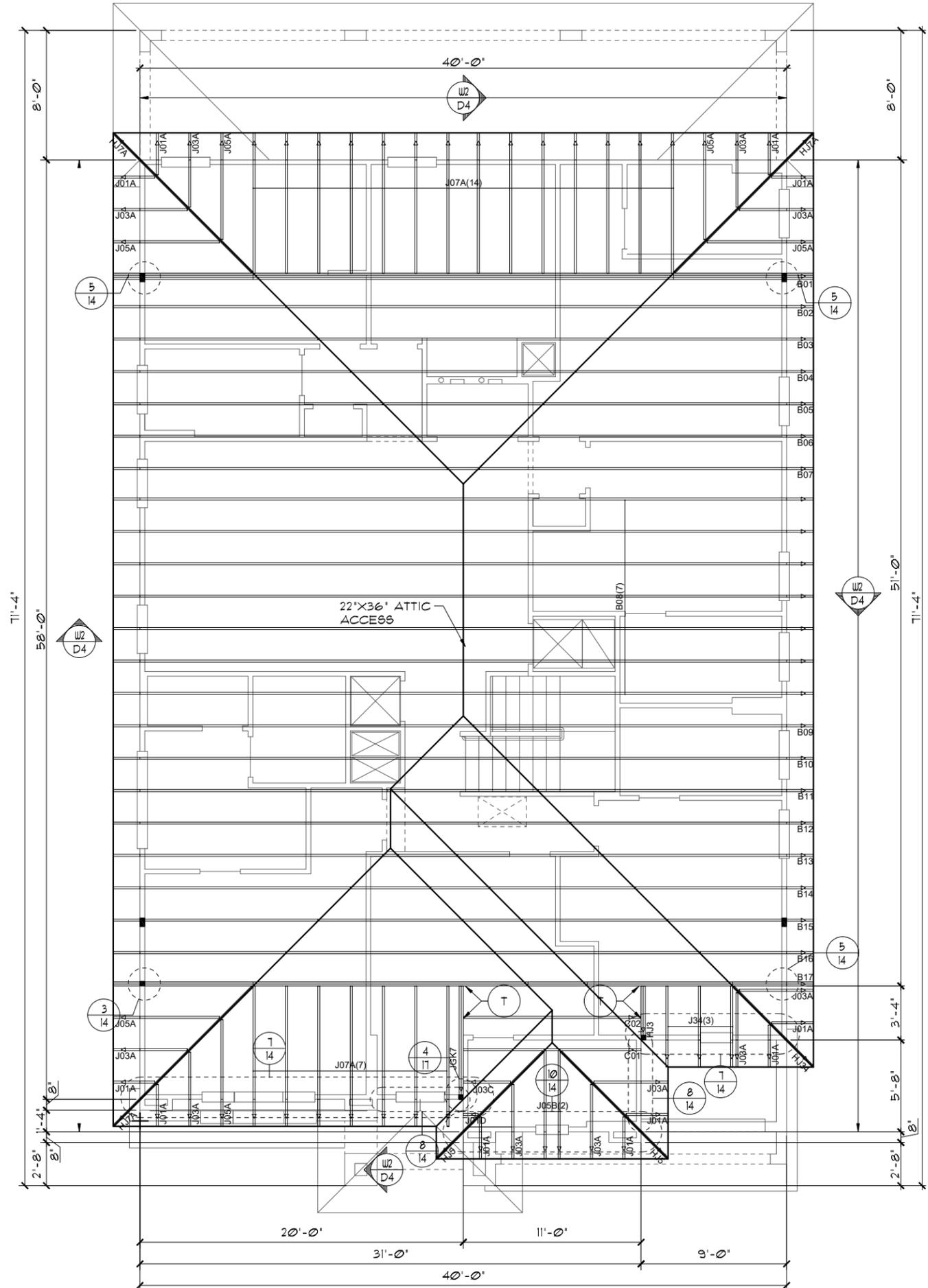
UPPER PORTION PERCENTAGE: **49%**
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NOTES

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- REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 1TH EDITION R305.1.1. - Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
- OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - LOMANCO : (2) 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 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

LOT: 000, PARADISO GRANDE

REFEER PARADISO GRANDE

TRUSS LAYOUT

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

PARADISO GRANDE

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

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

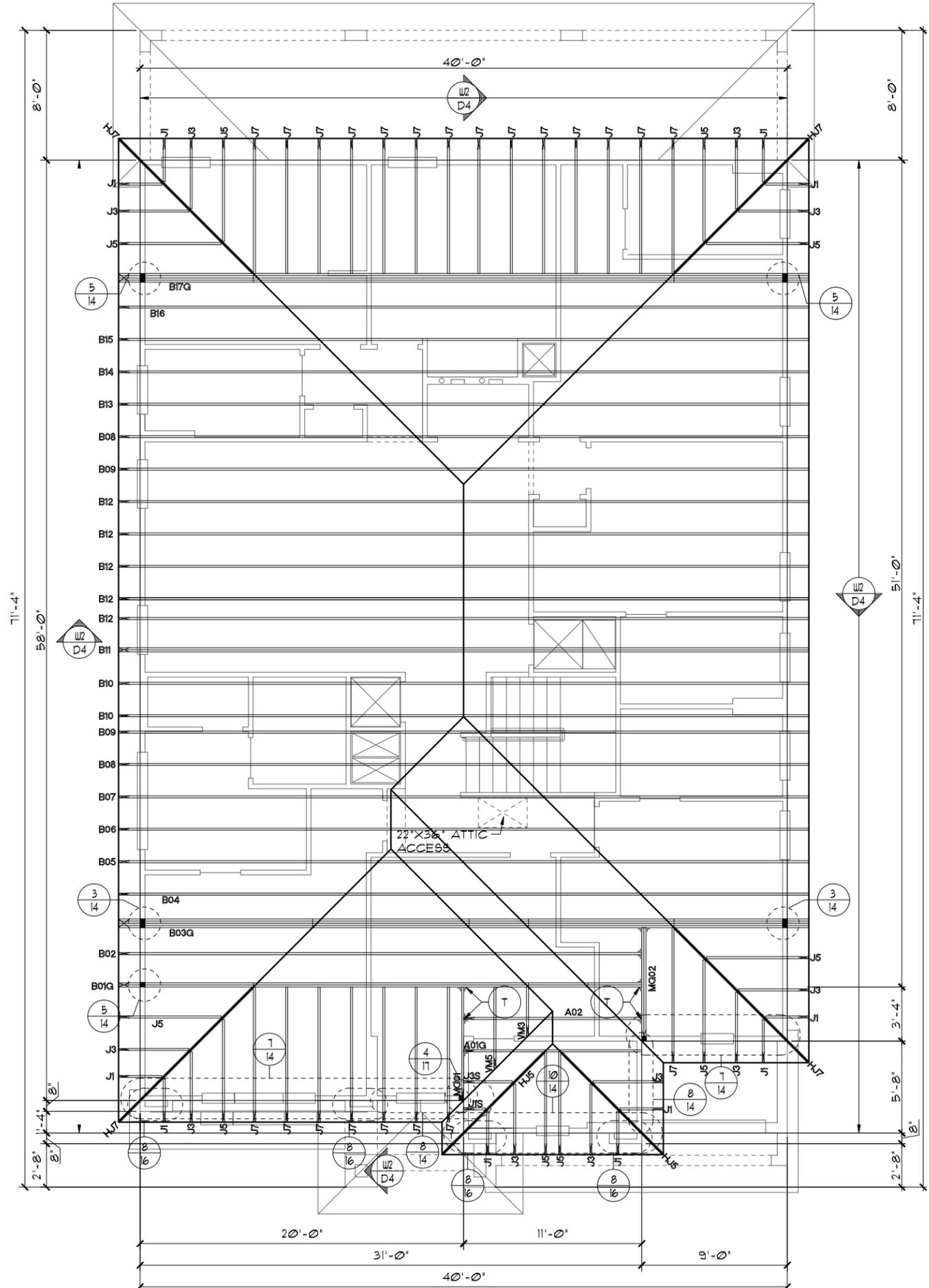
UPPER PORTION VENTILATION TOTAL:----- **3.88S.F.**
 PROVIDED W/OFF RIDGE VENTS: 4 VENTS @ **.97S.F.** /VENT.
 (VENT TYPE: O'HAGIN MODEL 'S')

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

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 I.
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 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 2023, 8TH EDITION ASTM C1492-R305.3.5



TRUSS LAYOUT "B"

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

PARADISO GRANDE

LOT: 0000, PARADISO GRANDE

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

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TRUSS LAYOUT	
REEF	
PARADISO GRANDE	
4232	
DATE	04-09-21
SCALE	AS NOTED
DRAWN	RDC
JOB	4232
SHEET	
12B.0	
OF SHEETS	

ATTIC VENTILATION CALCULATIONS

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

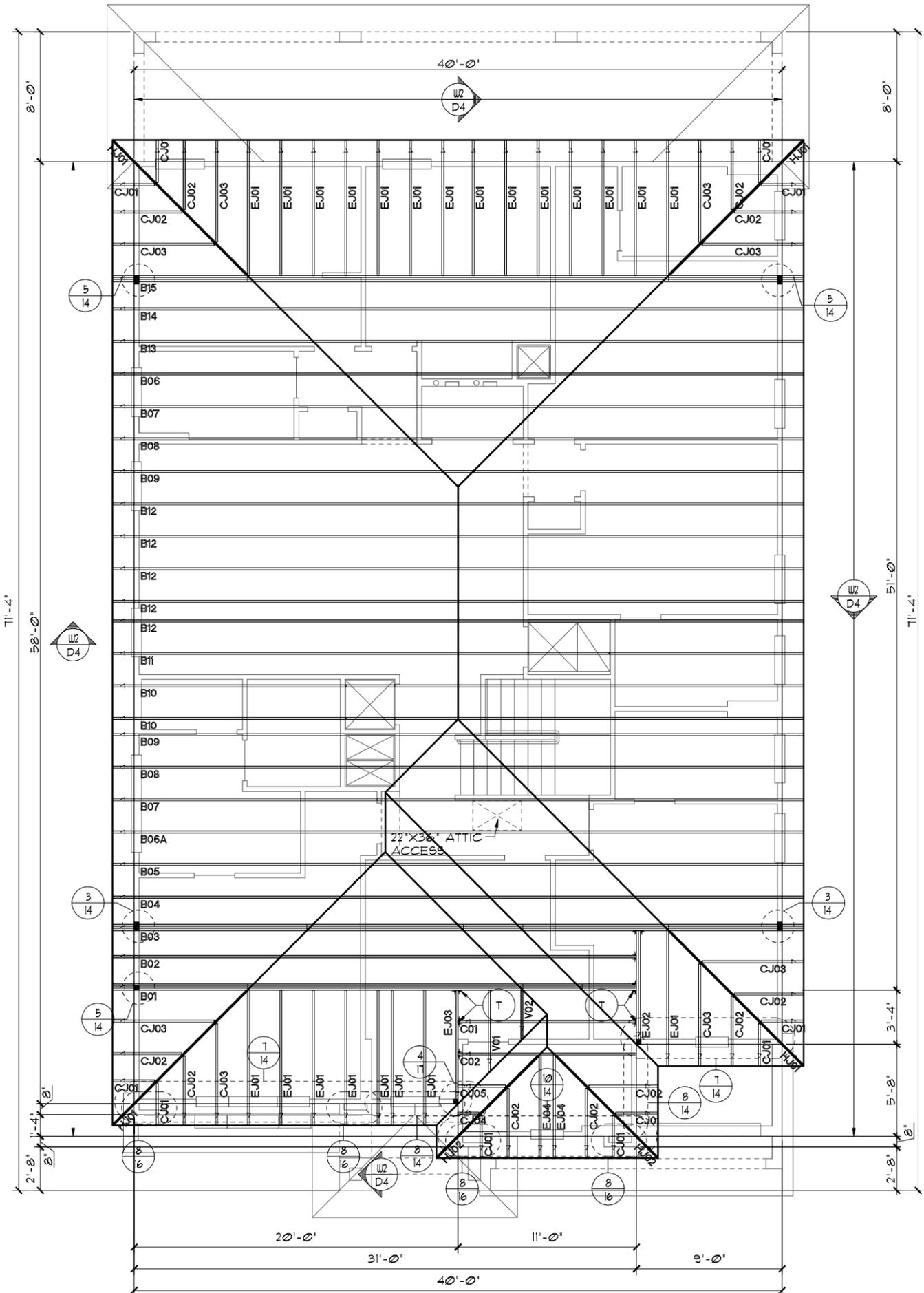
UPPER PORTION VENTILATION TOTAL:----- **3.88S.F.**
 PROVIDED W/OFF RIDGE VENTS: 4 VENTS @ $\underline{97\text{S.F.}}$ /VENT.
 (VENT TYPE: O'HAGIN MODEL 'S')

LOWER PORTION VENTILATION TOTAL:----- **17.4S.F.**
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:
 ($\underline{200\text{L.F.}}$ @ $\underline{0.087\text{S.F.}}$ VENTING PER 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 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
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6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R905.3.3. 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 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 - 1' X 19" HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R905.3.5



TRUSS LAYOUT "B"

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

PARADISO GRANDE

TRUSS LAYOUT

PARADISO GRANDE

4232

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

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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 Phone: (407) 529-3000

REVISIONS	BY

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:

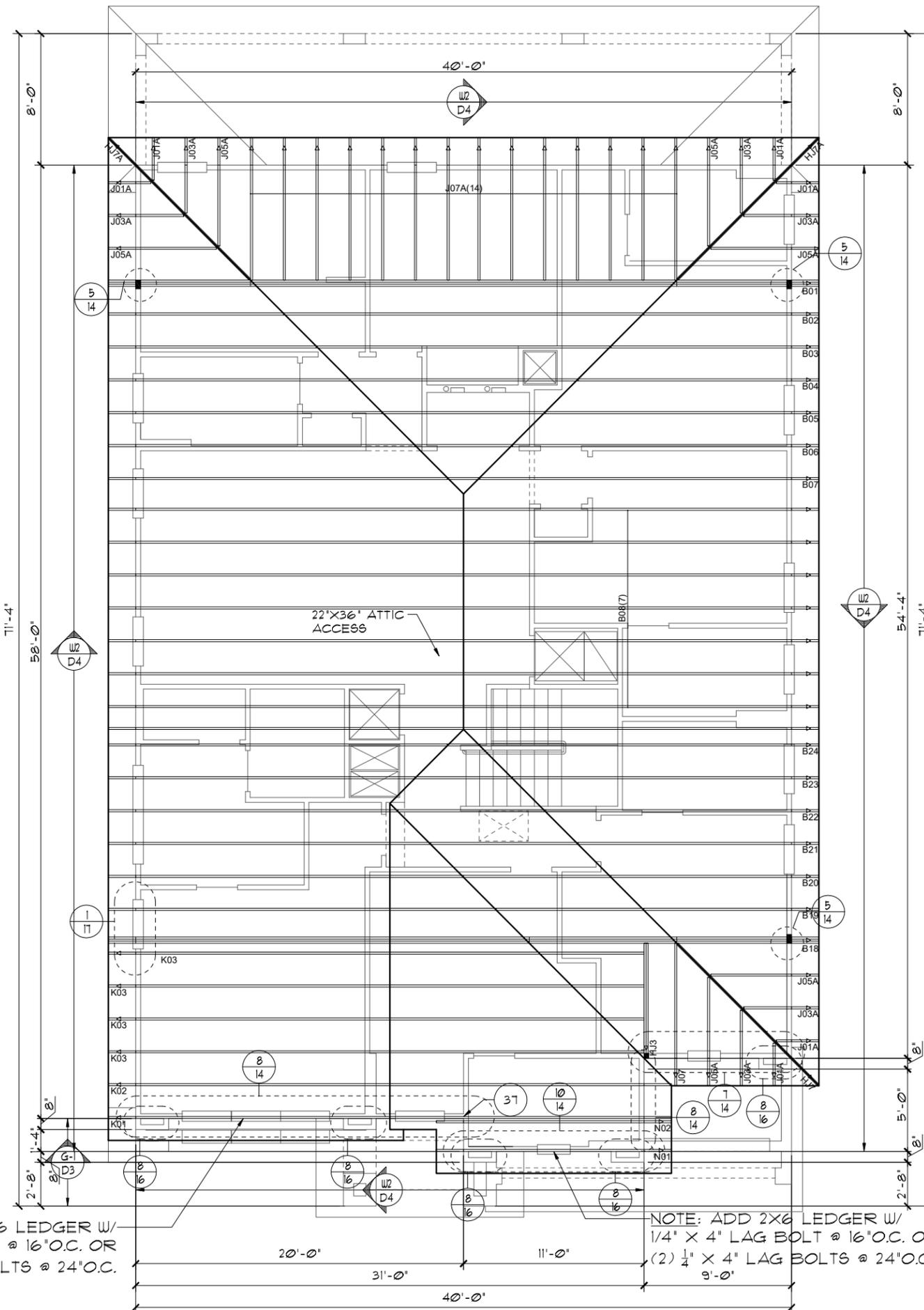
TOTAL VENTED SPACE: $\frac{2,387\text{S.F.}}{300} = \frac{7,96\text{S.F.}}{\text{REQUIRED}}$ NET FREE REQUIRED

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

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

NOTES

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/WTC A BCS1 I.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 11TH EDITION R305.3.3.
 Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :
 • O'HAGIN - 1' X 19" HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 11TH EDITION ASTM C1492-R305.3.5



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

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

TRUSS LAYOUT "C"

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

LOT: 0000, PARADISO GRANDE

PARADISO GRANDE
 TRUSS LAYOUT
 REEF
 PARADISO GRANDE
 4232
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 4232
 SHEET
 12C.0
 SHEETS

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

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

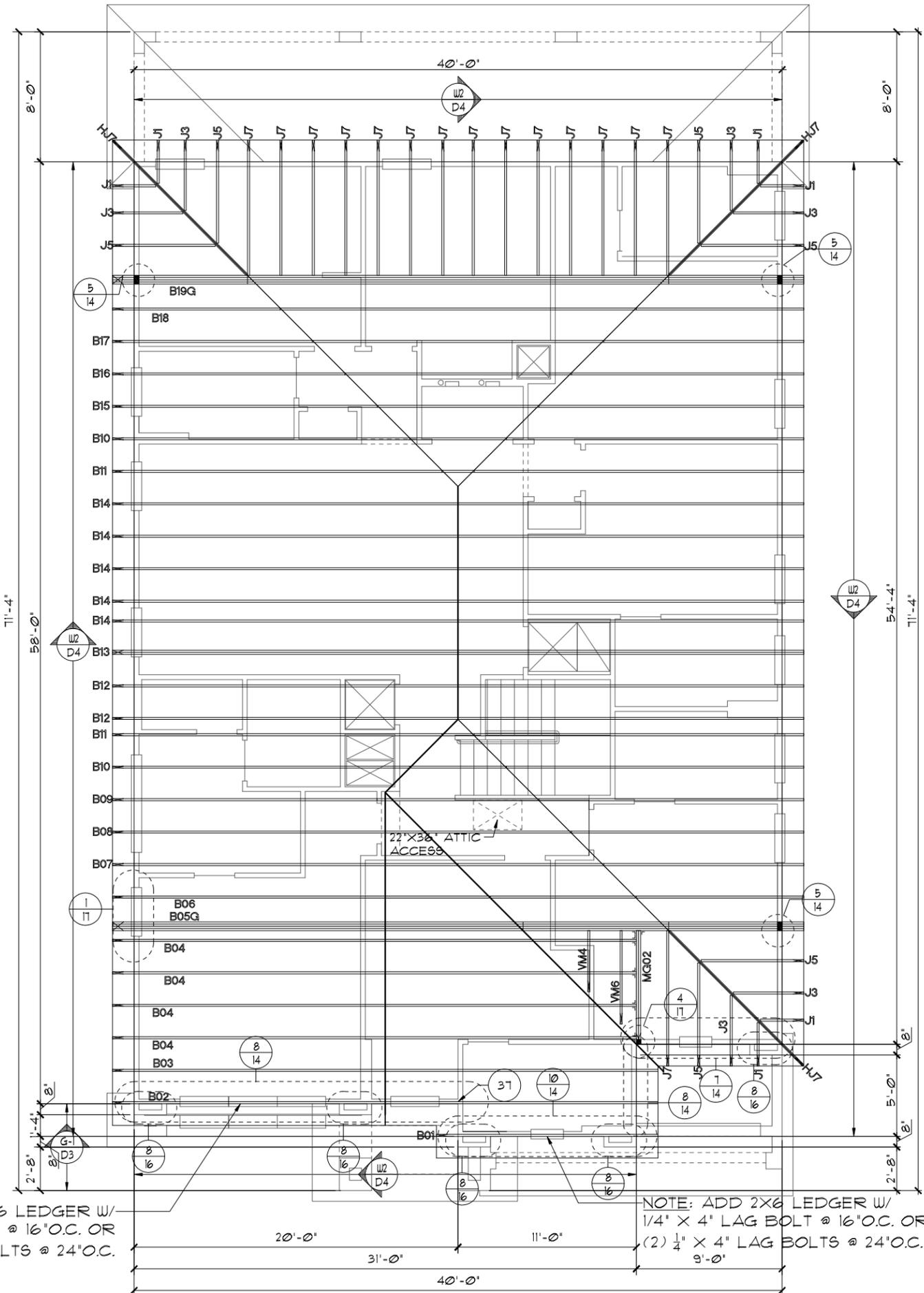
UPPER PORTION VENTILATION TOTAL:----- **3.88S.F.**
 PROVIDED W/OFF RIDGE VENTS: **4** VENTS @ **.97S.F.** /VENT.
 (VENT TYPE: O'HAGIN MODEL 'S')

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

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.
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6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - O'HAGIN - 1' X 19" HOLE
9. 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)

PARADISO GRANDE

TRUSS LAYOUT

PARADISO GRANDE

LOT: 0000, PARADISO GRANDE

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Park Square
 HOMES

TRUSS LAYOUT

REEF
 PARADISO GRANDE

4232

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 4232

SHEET

12C.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

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

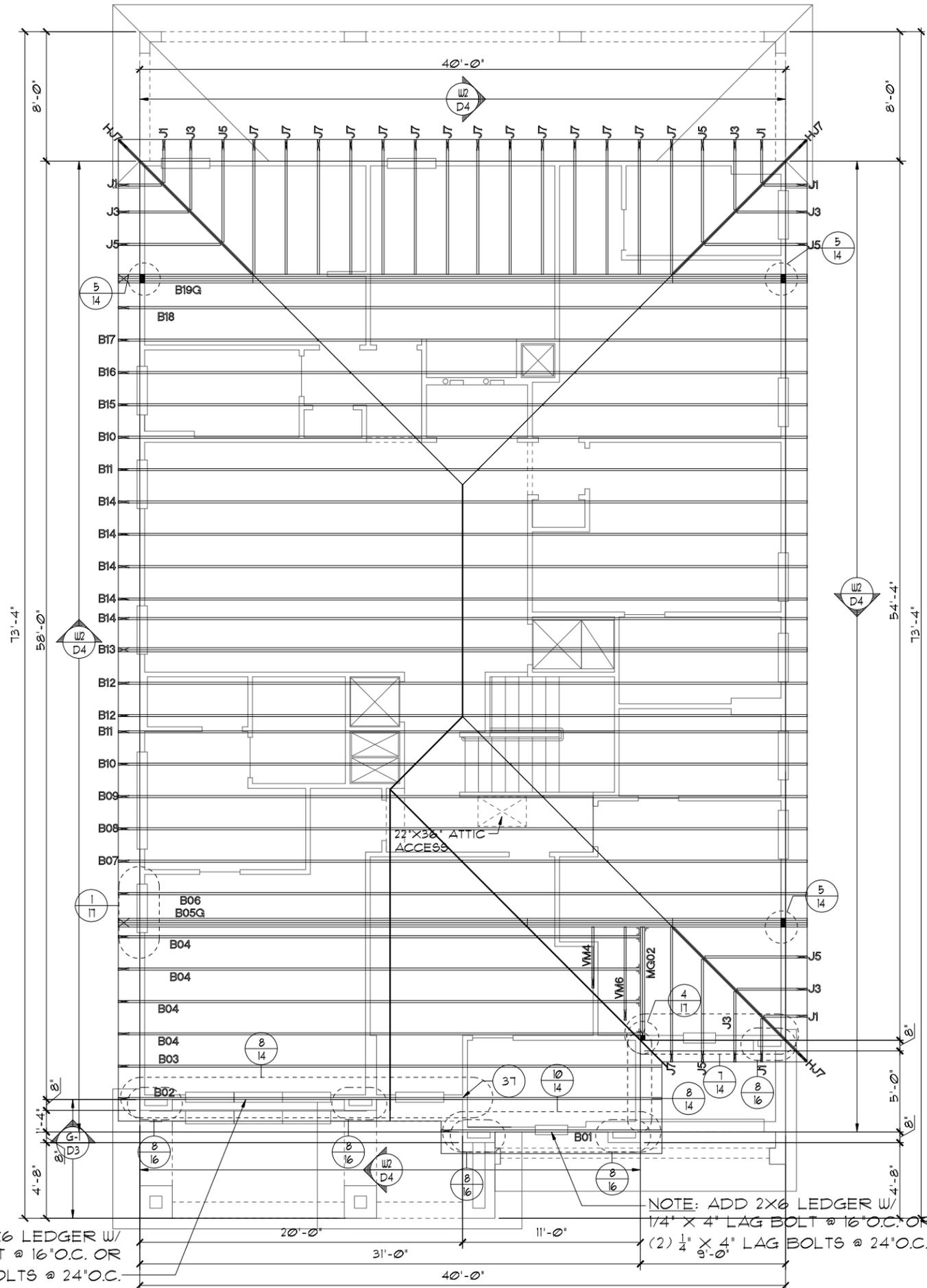
UPPER PORTION VENTILATION TOTAL:----- **3.88S.F.**
 PROVIDED W/OFF RIDGE VENTS: 4 VENTS @ $\underline{97\text{S.F.}}$ /VENT.
 (VENT TYPE: O'HAGIN MODEL 'S')

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

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

NOTES

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

TRUSS LAYOUT "D"

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

PARADISO GRANDE

LOT: 0000, PARADISO GRANDE

REVISIONS	BY

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 5200 Vineland Road, Suite 200
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Park Square
 HOMES

TRUSS LAYOUT

REEF
 PARADISO GRANDE

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

ATTIC VENTILATION CALCULATIONS

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

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

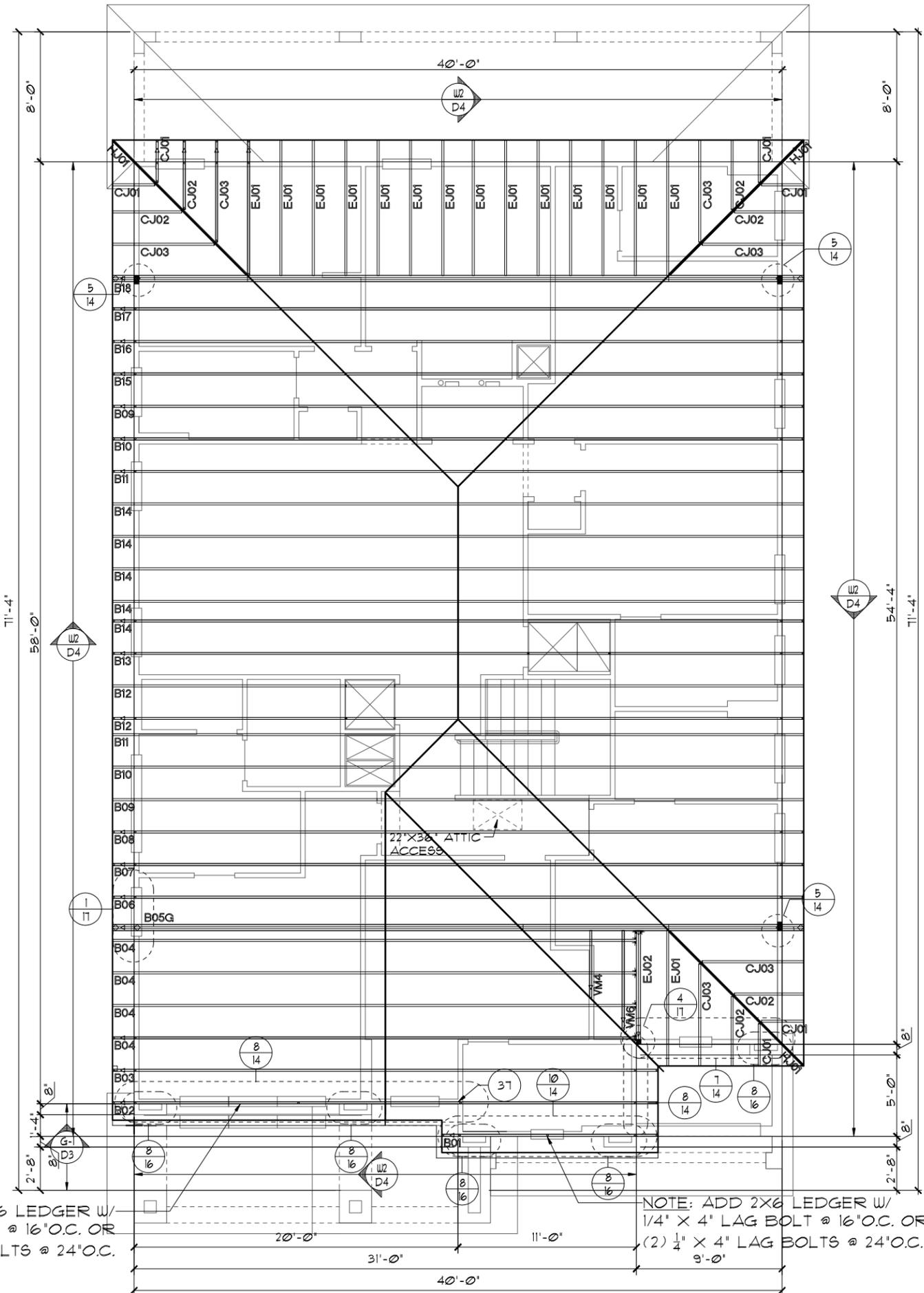
UPPER PORTION VENTILATION TOTAL:----- **3.88S.F.**
 PROVIDED W/OFF RIDGE VENTS: 4 VENTS @ $\underline{97\text{S.F.}}$ /VENT.
 (VENT TYPE: O'HAGIN MODEL 'S')

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

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

NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
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 - O-HAGIN - 1' X 19" HOLE
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NOTE: ADD 2X6 LEDGER W/
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NOTE: ADD 2X6 LEDGER W/
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TRUSS LAYOUT "D"

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

PARADISO GRANDE

TRUSS LAYOUT

PARADISO GRANDE

LOT: 0000, PARADISO GRANDE

REVISIONS	BY

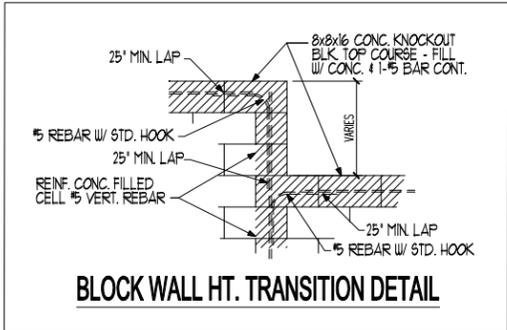
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Park Square HOMES

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



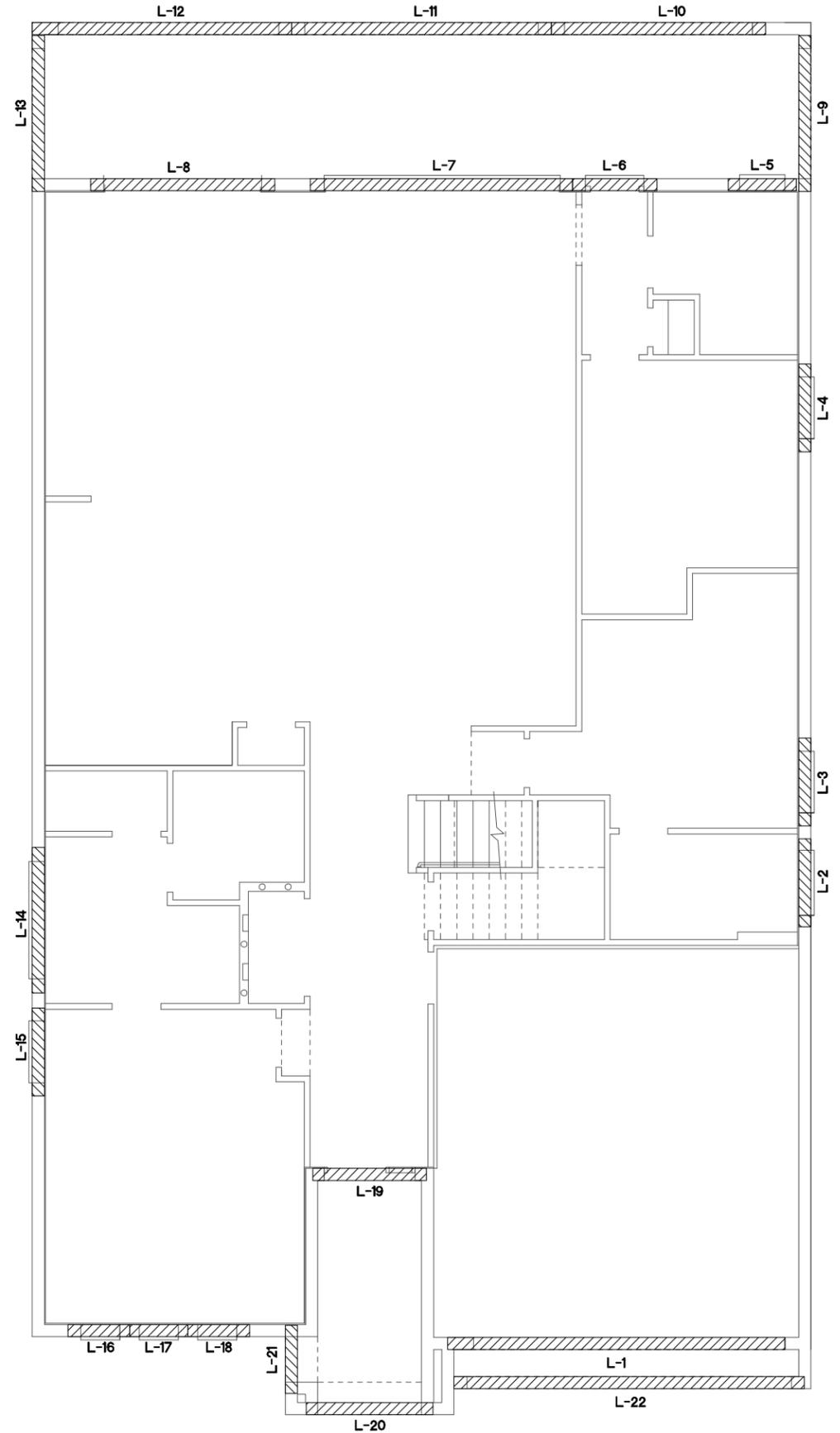
BLOCK WALL HT. TRANSITION DETAIL

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

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

PRE CAST LINTEL LAYOUT "A"

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



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

REEF

PARADISO GRANDE

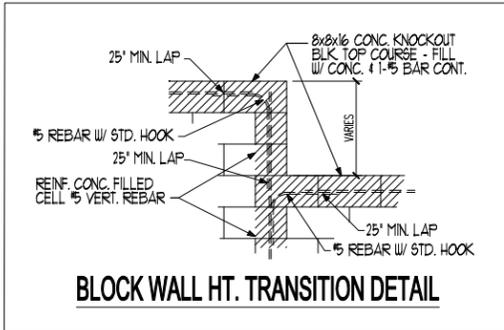
PRE CAST LINTEL LAYOUT

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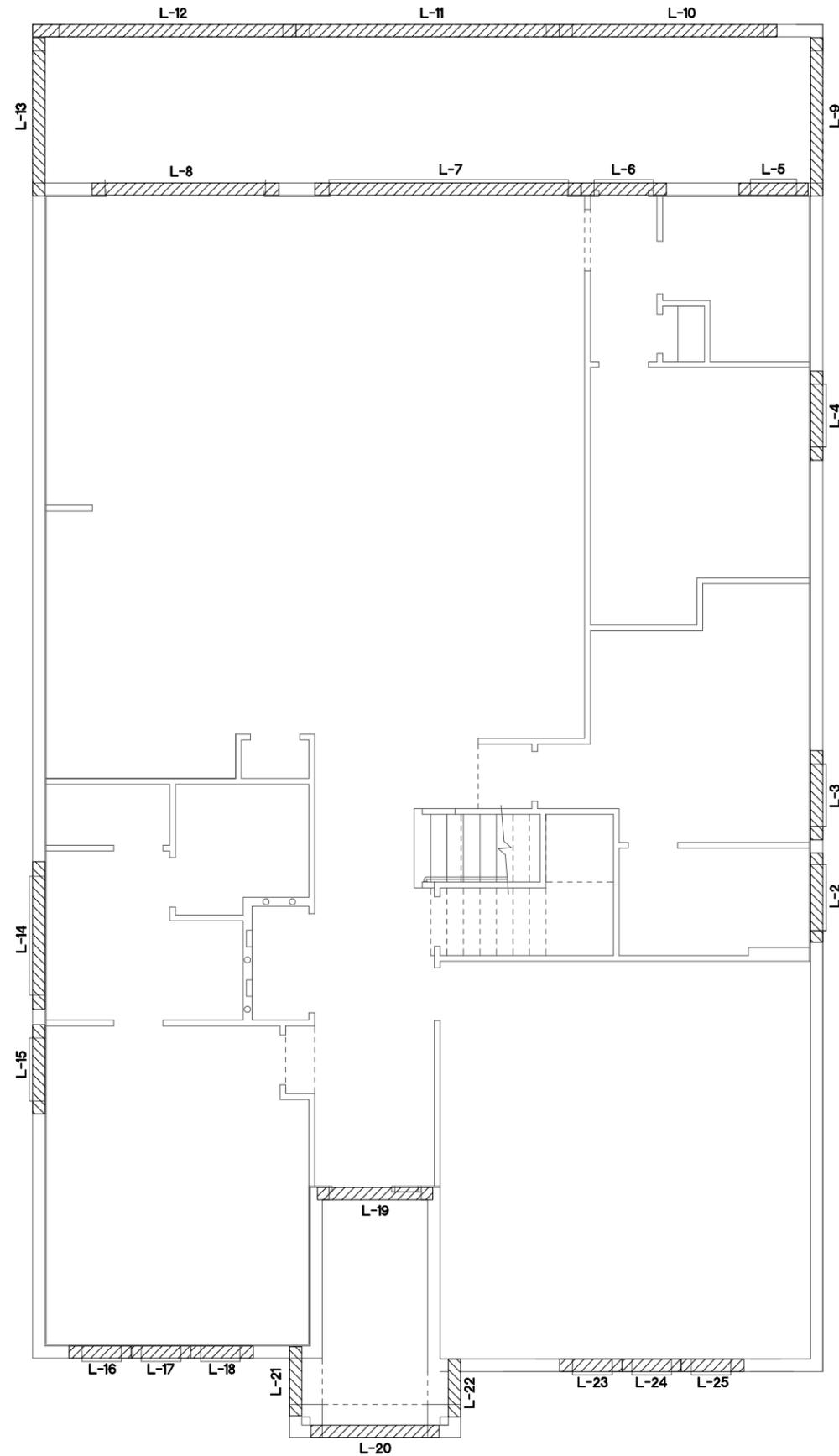
BLOCK WALL HT. TRANSITION DETAIL

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'-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	3'-0"	8F16-0B/1T	FRONT ENTRY
L 23	3'-6"	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'-6"	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)



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

REEF
PARADISO GRANDE

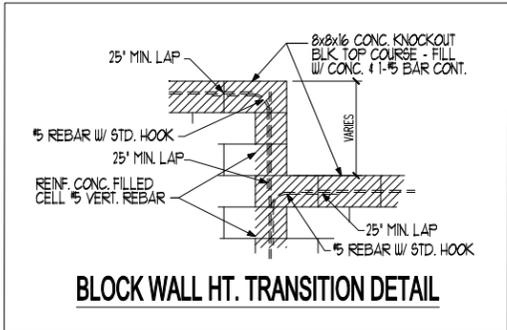
PRE CAST LINTEL LAYOUT

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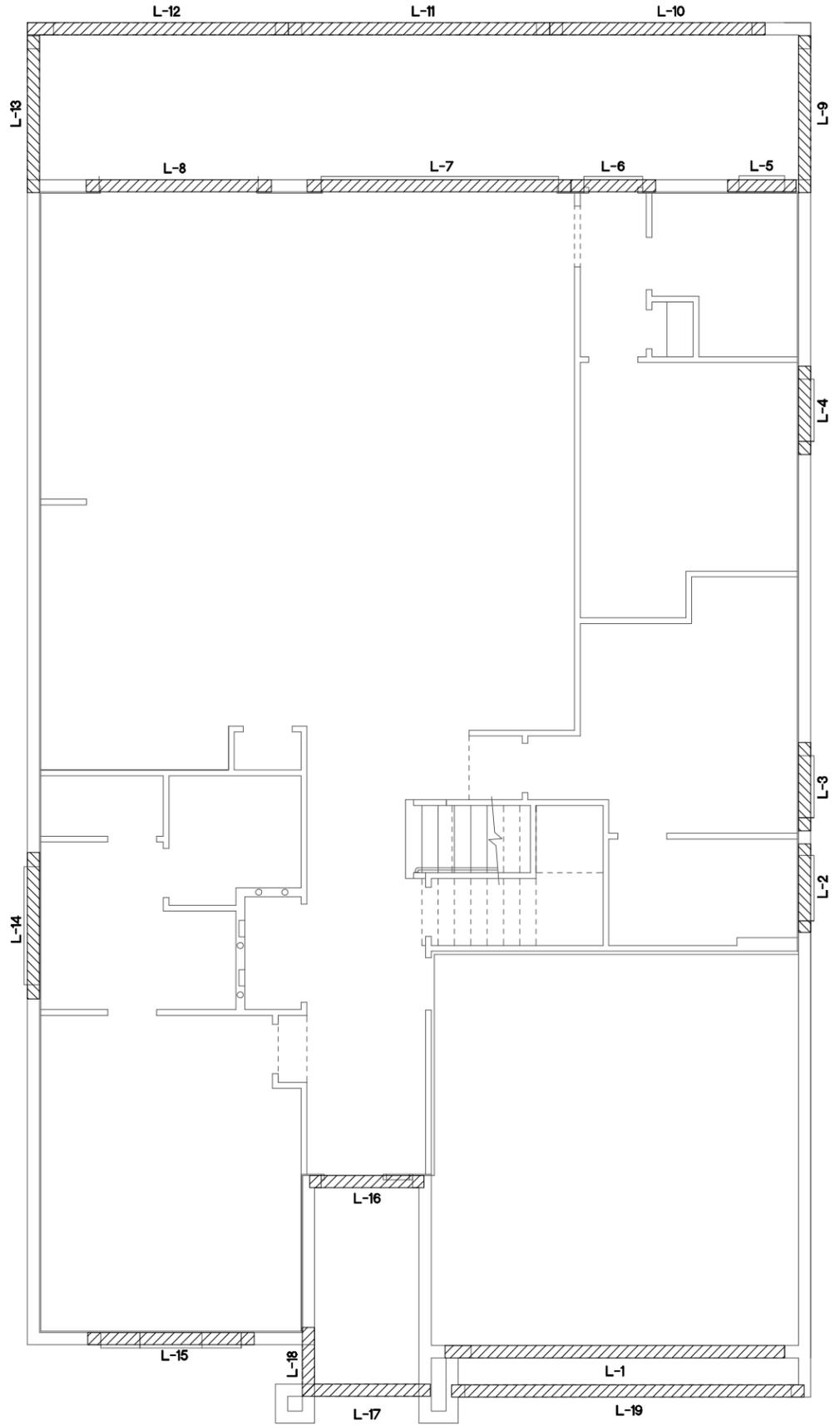
BLOCK WALL HT. TRANSITION DETAIL

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

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

PRE CAST LINTEL LAYOUT "B"

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



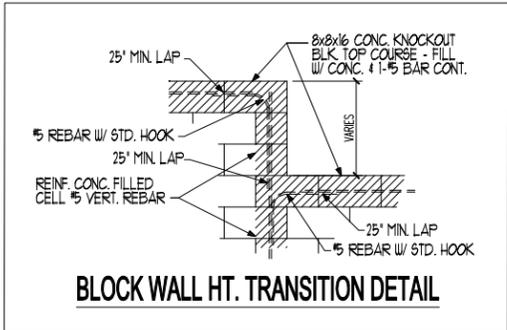
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<p style="font-size: 2em; margin: 0;">4232</p> <p style="margin: 0;">DATE 04-09-21</p> <p style="margin: 0;">SCALE AS NOTED</p> <p style="margin: 0;">DRAWN RDC</p> <p style="margin: 0;">JOB 4232</p> <p style="margin: 0;">SHEET</p> <p style="font-size: 2em; margin: 0;">13B.0</p> <p style="margin: 0;">OF SHEETS</p>	<p style="font-size: 1.5em; margin: 0;">REEF</p> <p style="font-size: 1.5em; margin: 0;">PARADISO GRANDE</p>
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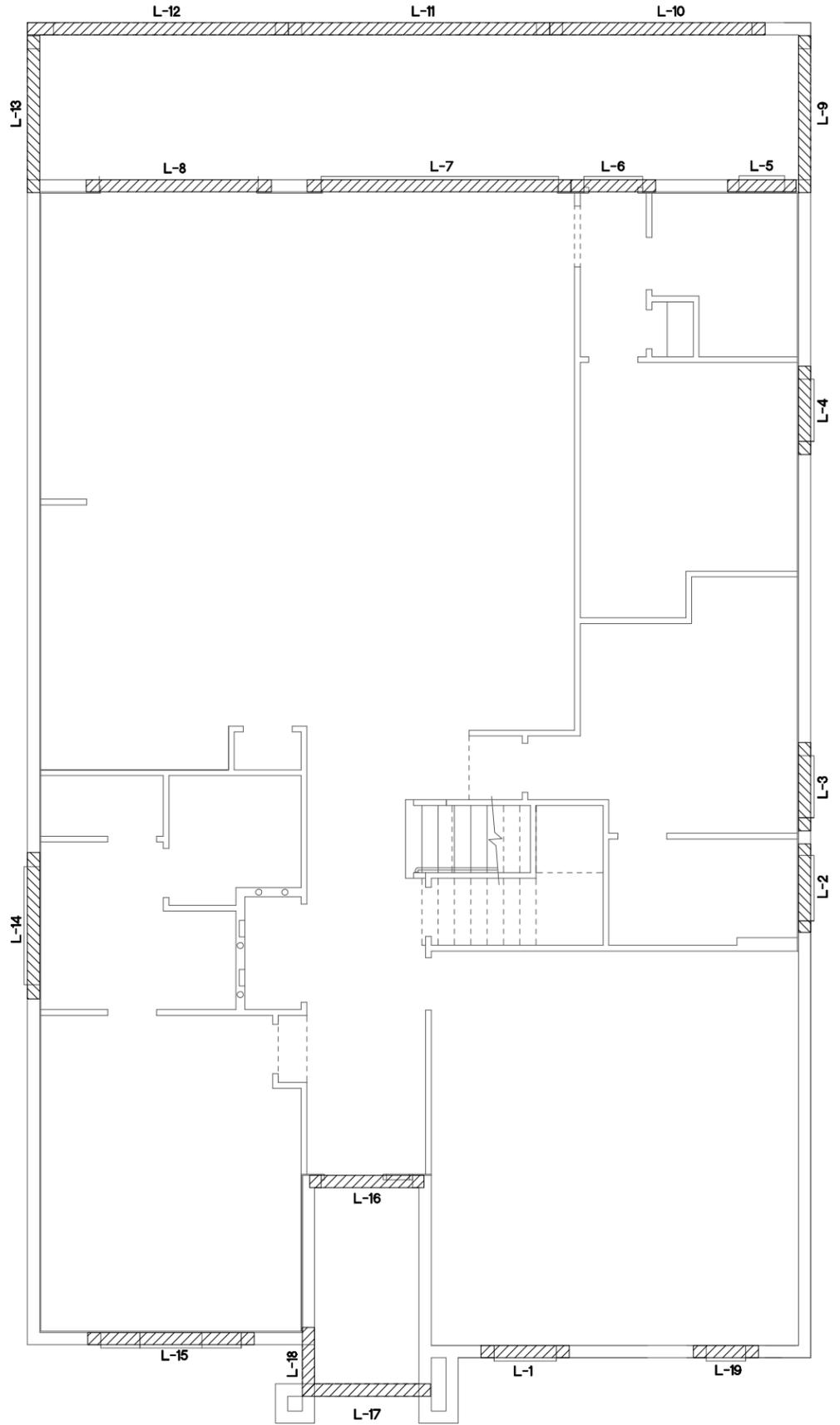
BLOCK WALL HT. TRANSITION DETAIL

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

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

PRE CAST LINTEL LAYOUT "B"

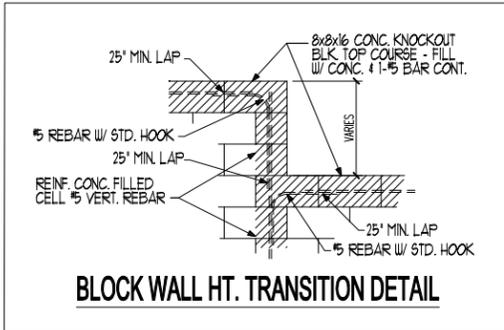
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PRE CAST LINTEL LAYOUT		REEF PARADISO GRANDE
4232		DATE 04-09-21
SCALE AS NOTED		DRAWN RDC
JOB 4232		SHEET 13B.1
OF 13B.1		SHEETS

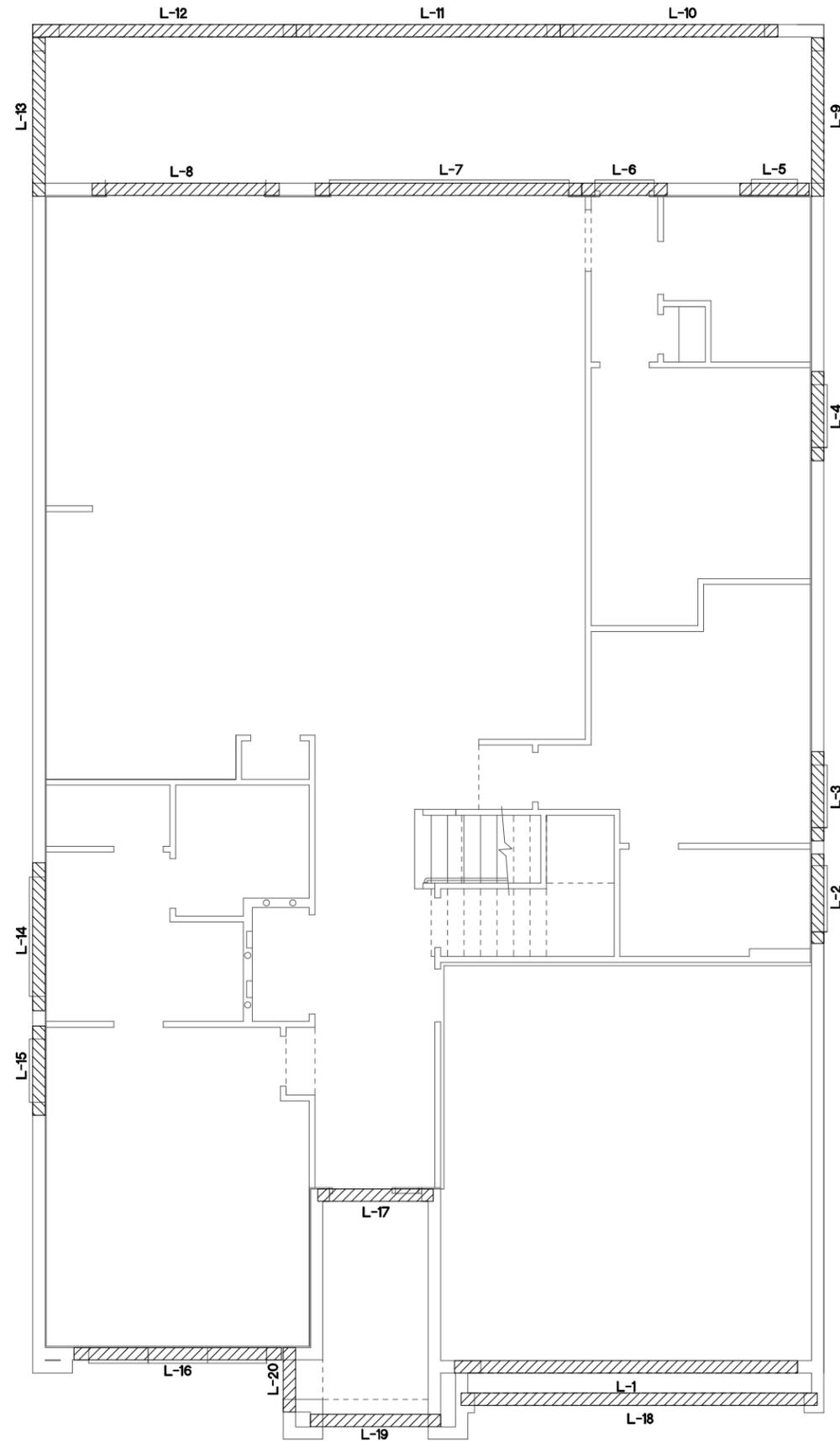


BLOCK WALL HT. TRANSITION DETAIL

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

PRE CAST LINTEL LAYOUT "C"

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



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

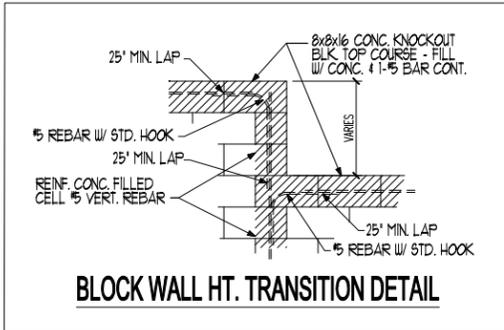
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PRE CAST LINTEL LAYOUT

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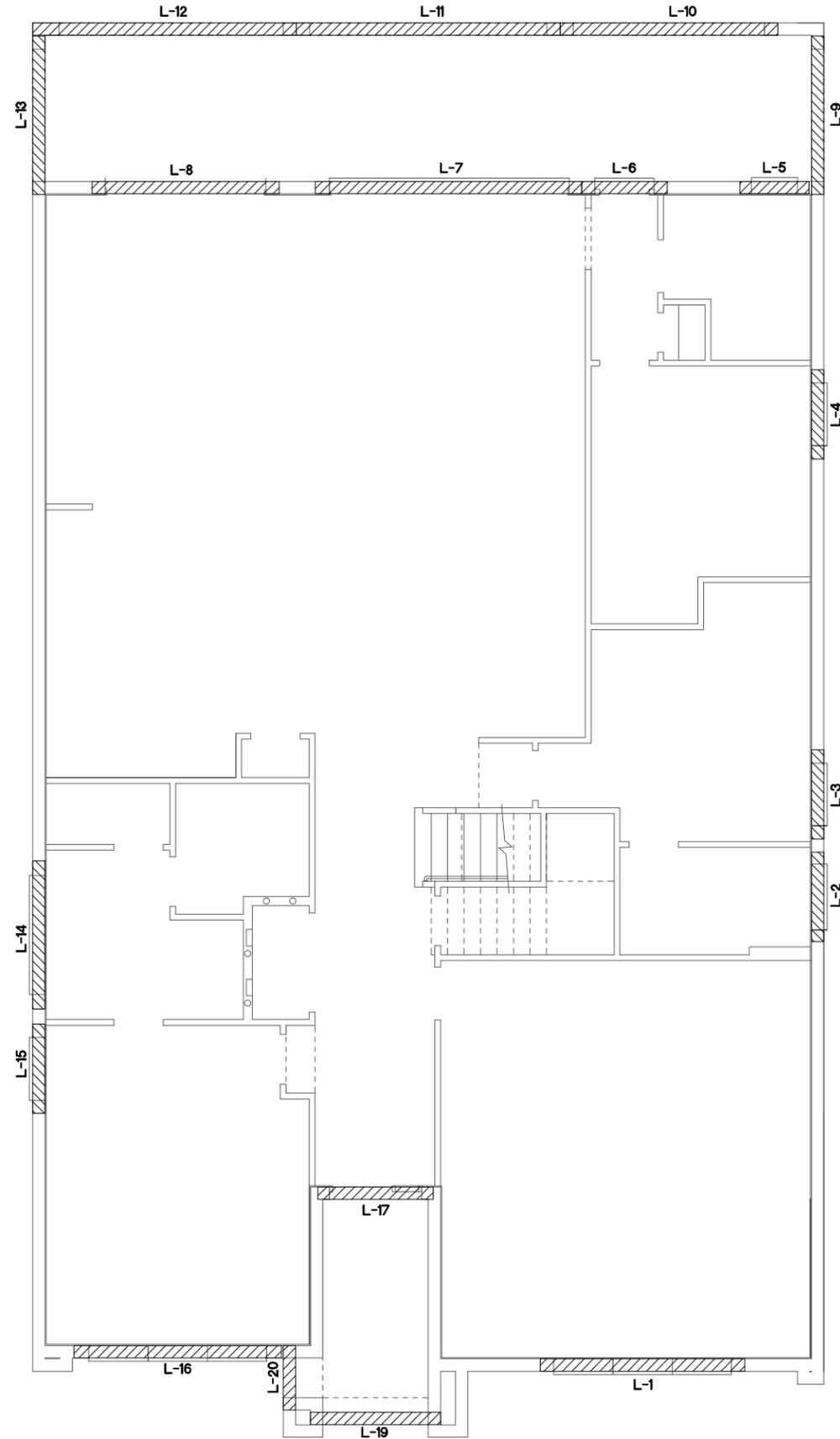
BLOCK WALL HT. TRANSITION DETAIL

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	SH25
L 4	4'-6"	8F24-0B/1T	SH25
L 5	3'-6"	8F24-0B/1T	SH1H3
L 6	4'-4"	8RF20-0B/1T	FOOL 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"

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

4232

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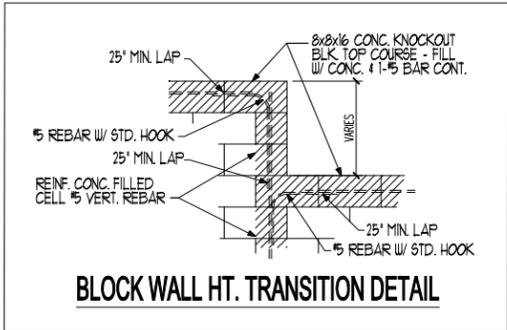
PRE CAST LINTEL LAYOUT

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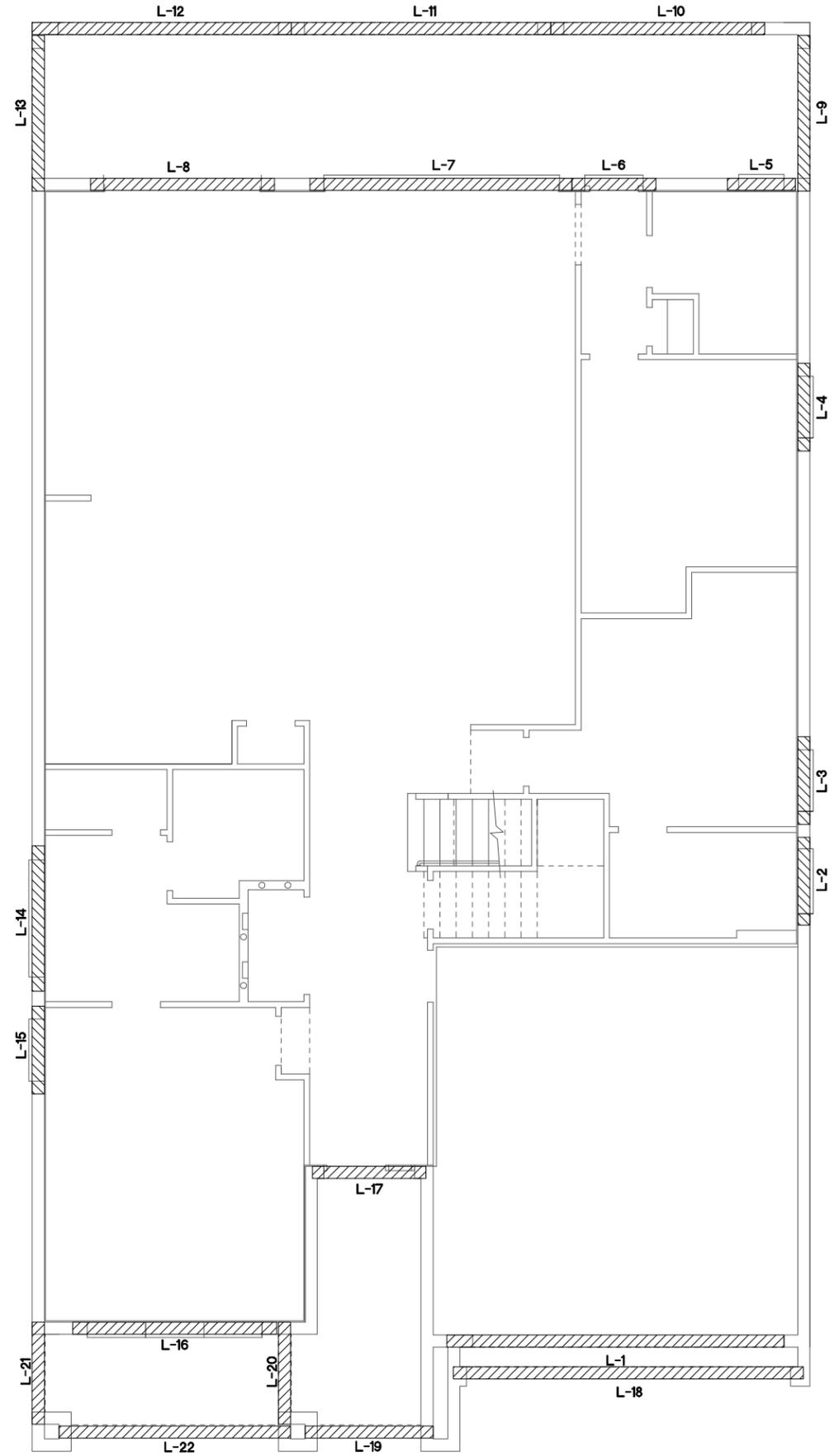
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BLOCK WALL HT. TRANSITION DETAIL

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

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

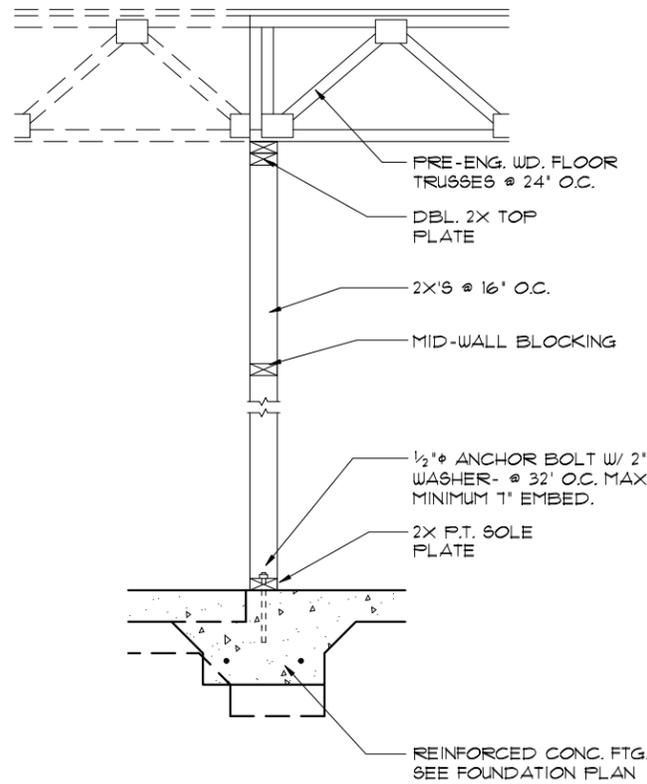


PRE CAST LINTEL LAYOUT "D"
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

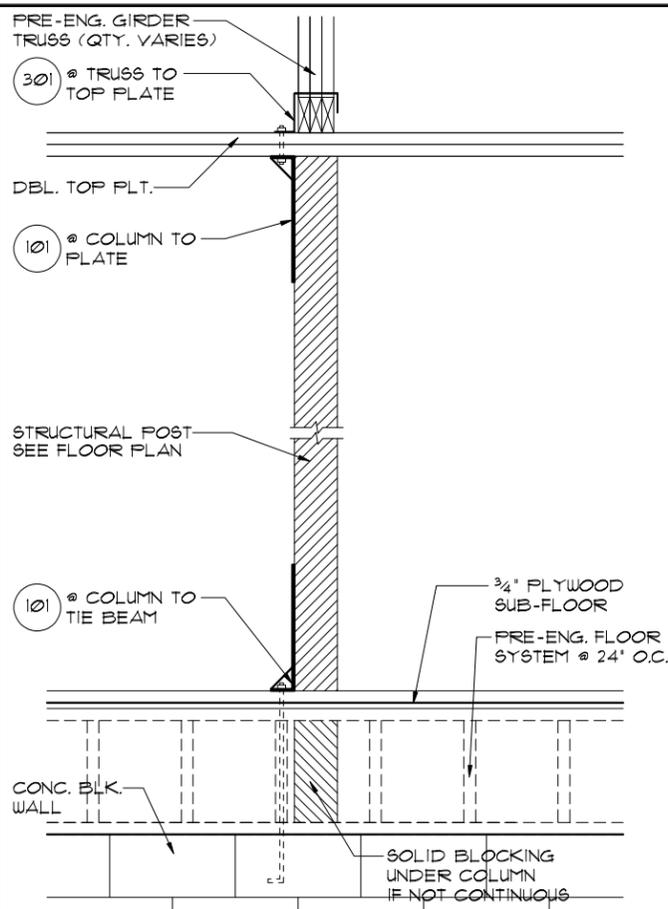
THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2003 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH

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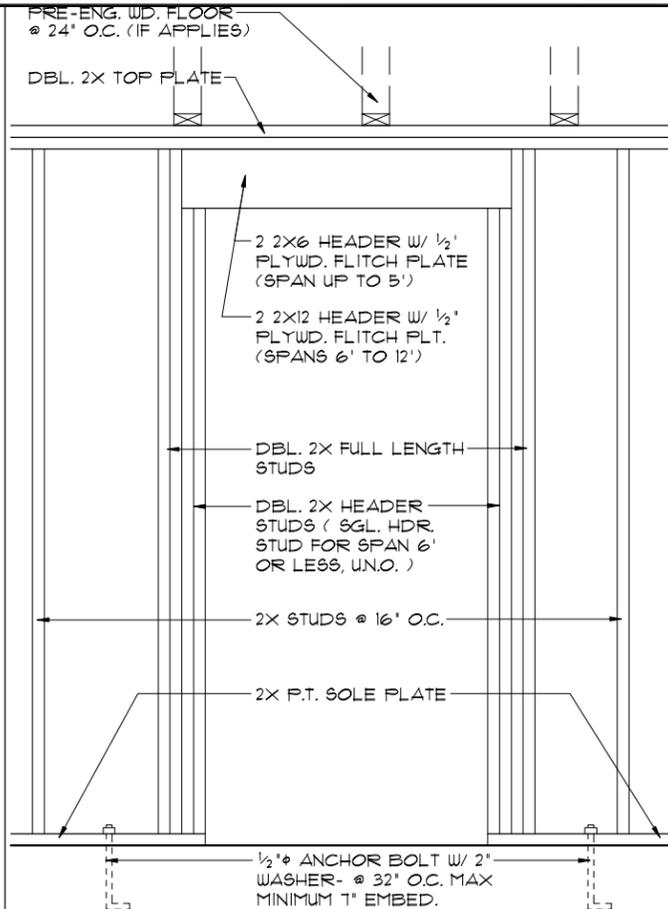
 ITEG THOMPSON ENGINEERING GROUP, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Tel: (407) 734-1400 Fax: (407) 734-1790 www.iteg.com		REVISIONS	BY
Park Square HOMES A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529 - 3000		PARADISO GRANDE	
PRE CAST LINTEL LAYOUT		REEF	
4232		PARADISO GRANDE	
DATE	04-09-21	SCALE AS NOTED	
DRAWN	RDC	JOB 4232	
SHEET	13D.0	SHEETS	



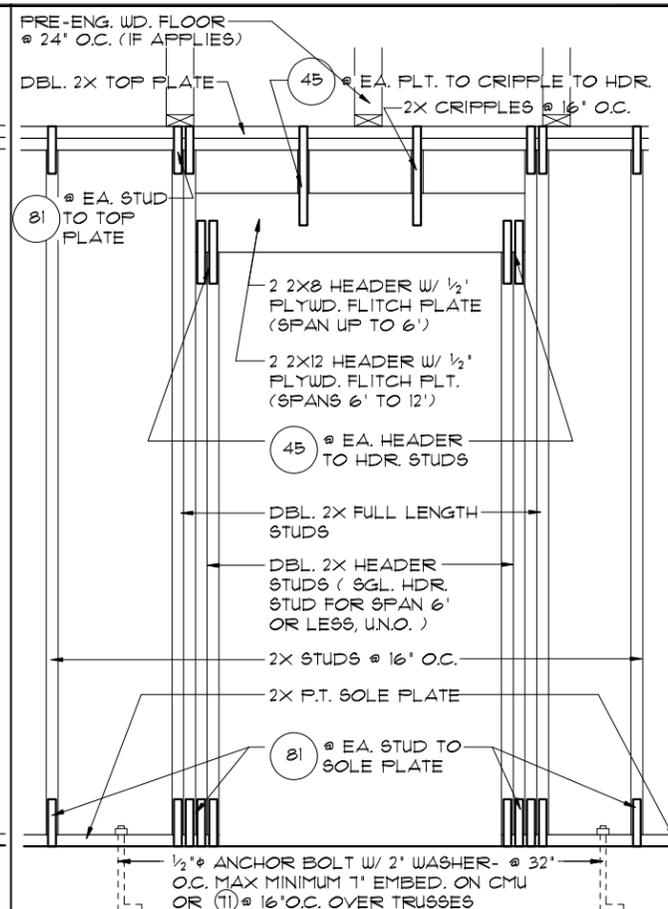
4 DETAIL
14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



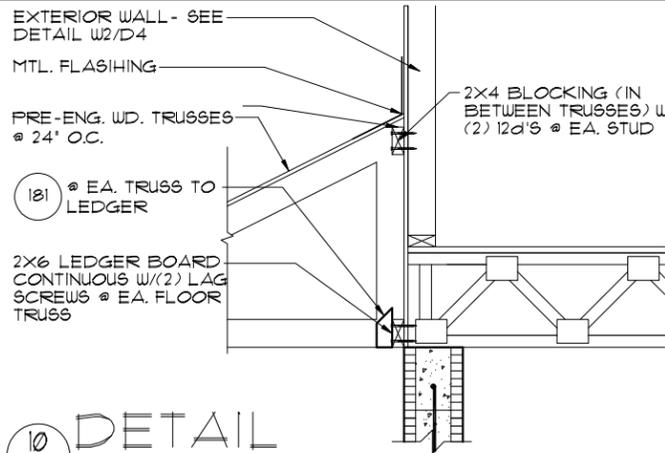
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14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



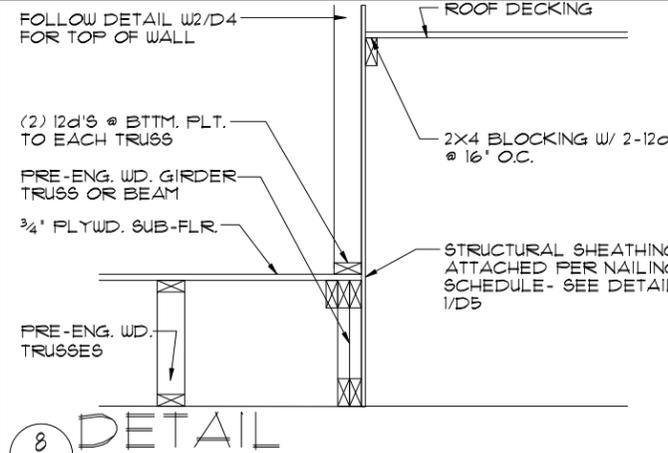
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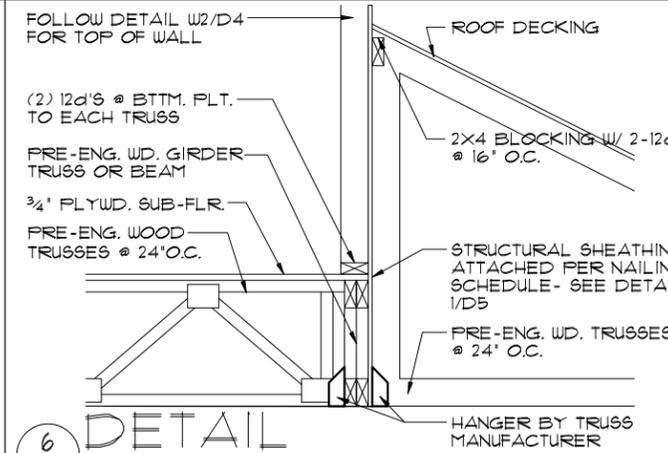
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14 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



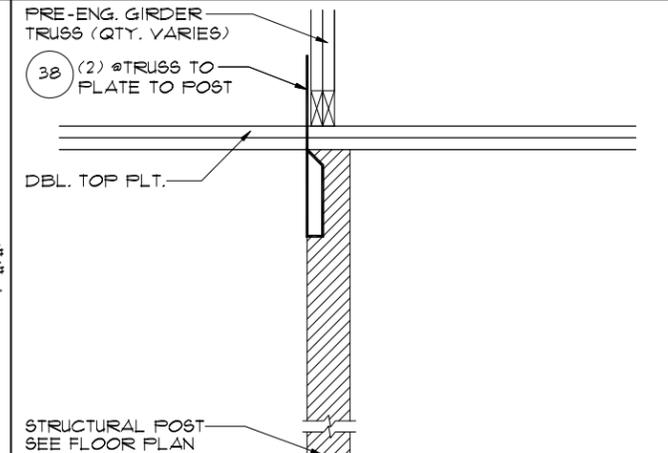
10 DETAIL
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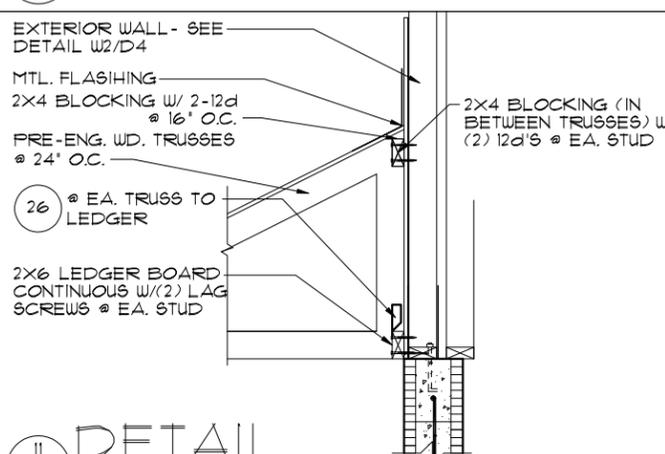
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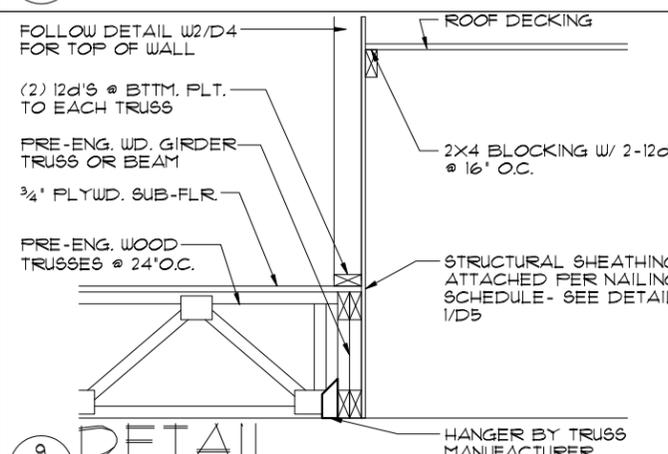
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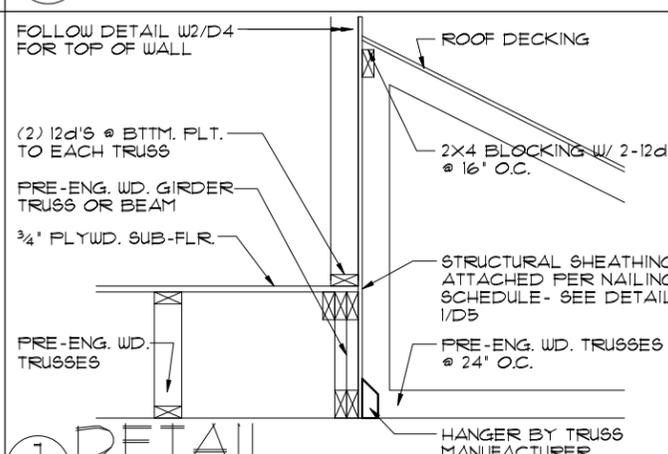
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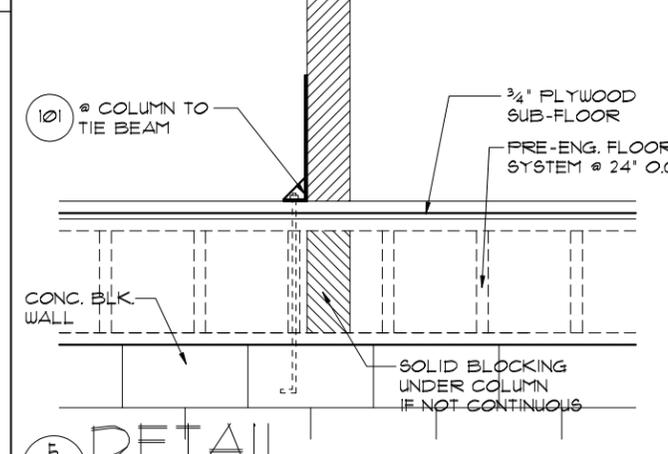
11 DETAIL
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9 DETAIL
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TYPICAL DETAILS

REEF

PARADISO GRANDE

4232

DATE 04-09-21

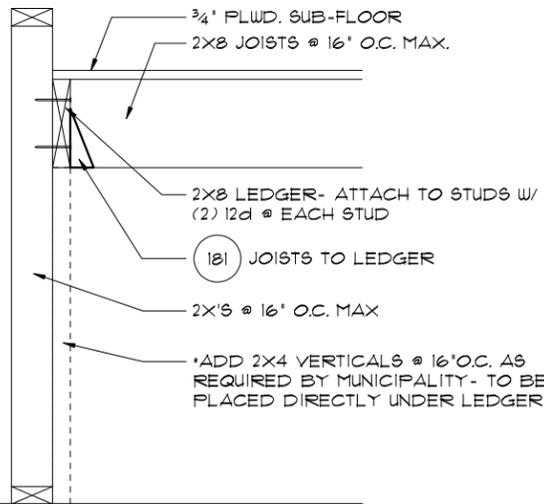
SCALE AS NOTED

DRAWN RDC

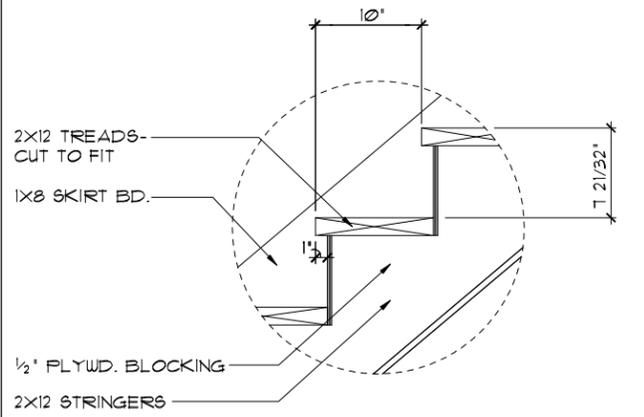
JOB 4232

SHEET 14

OF SHEETS

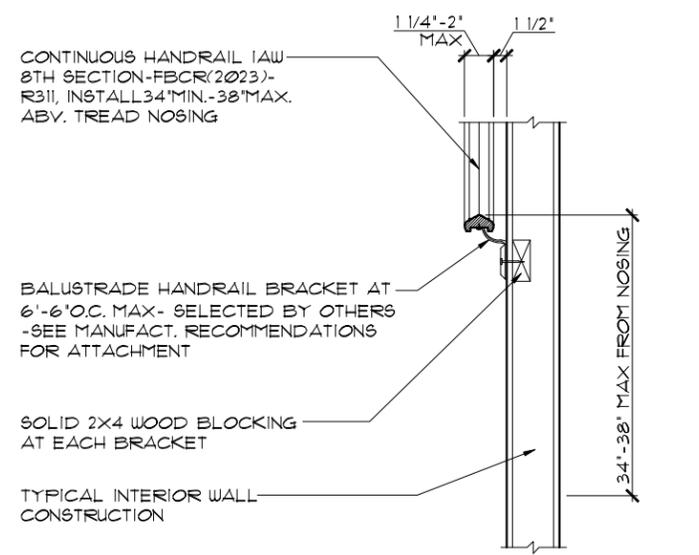


4 TYP. STAIR CONNECT.
 3/4" = 1'-0" (11X17) 1 1/2" = 1'-0" (22"X34") PLATFORM FRAMING

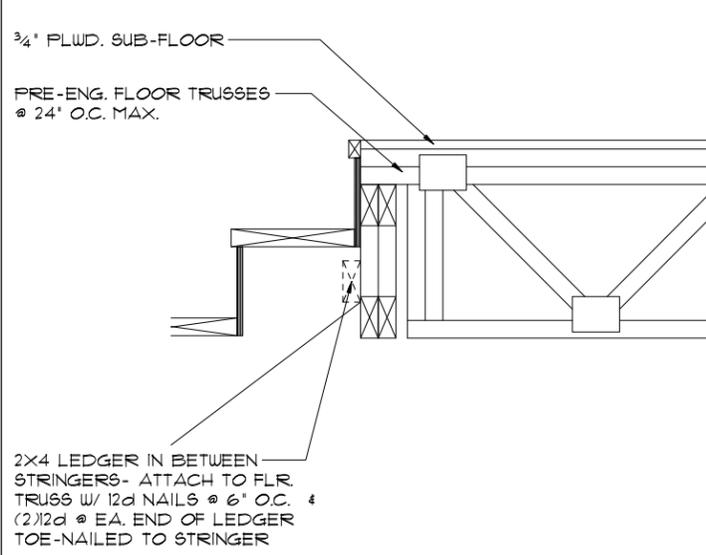


DATA: TOTAL RISE: 11'-4 3/4" (18 RISERS @ 7 13/32" EA.)
 TOTAL RUN: 14'-2" (17 TREADS @ 10" EA.)

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



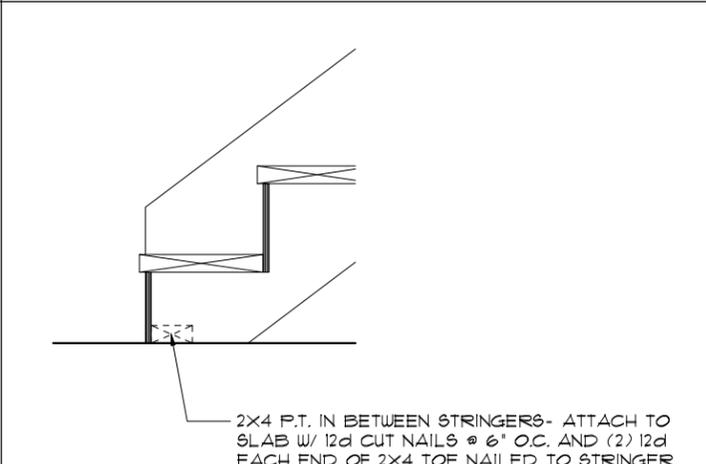
5 TYP. HANDRAIL DET.
 3/4" = 1'-0" (11X17) 1 1/2" = 1'-0" (22"X34")



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

NOTES:
 STAIRWAY CONSTRUCTION TO CONFORM TO FBCR 2023, 8 TH EDITION SECTION R311.7

MAX. HGT. OF RISER TO BE NOT MORE 7 3/4". 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 1/2" = 1'-0" (22"X34") STRINGER TO FLOOR

CONNECTOR SCHEDULE							
CONNECT. TYPE	SIMPSON		USP		MAX. UPLIFT	LAT. LDS. FI / F2	
	DESCRIPTION	FASTENERS PER CONNECTOR	DESCRIPTION	FASTENERS PER CONNECTOR			
4	HETA20	14-10d x 1 1/2"	ETA20	14-10d	1810	65 / 960	
5	DETAL20	18-10d x 1 1/2"	N/A	N/A	2,480	2000 / 1370	
20	H3	RFT: 4-8d / PLT: 4-8d	RT3	RFT: 4-8d / PLT: 4-8d	455	125 / 160	
21	H1	RFT: 6-8dx1 1/2" / PLT: 4-8d	RT15	RFT: 5-8dx1 1/2" / PLT: 5-8d	475	485 / 165	
22	H10S	RFT: 8-8d x 1 1/2" PLT: 8-8d x 1 1/2"	RT16	RFT: 8-8d x 1 1/2" PLT: 8-8d	930	585 / 525	
23	LU526	HDR: 4-10d / JST: 4-10d	JU526	HDR: 4-10d / JST: 4-10d	935	N/A	
24	H7	RFT / TR5: 4-8d PLT / STD: 10-8d	RT20	RFT / TR5: 9-10d PLT / STD: 13-10d	985	400 / N/A	
26	H25	RFT: 5-8d / PLT: 5-8d	RT7	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	MTW12	14-10d	1,000	N/A	
38	MTS16	14-10d	MTW16	14-10d	1,000	N/A	
43	LSTA12	10-10d	LSTA12	10-10d	905	N/A	
45	ST18	14-16d	ST18	14-16d	1,200	N/A	
47	LSTA24	18-10d	LSTA24	18-10d	1,295	N/A	
71	MSTA36	26-10d	MSTA36	26-10d	2,135	N/A	
72	MSTC66	64-16d SINKERS	N/A	N/A	5,495	N/A	
79	SF1	STD: 6-10d / PLT: 4-10d	SPT22	STD: 4-10d / PLT: 4-10d	535	560 / 260	
80	SF2	STD: 6-10d / PLT: 6-10d	SPT224	STD: 6-10d / PLT: 6-10d	605	560 / 260	
81	SPH468	12-10d x 1 1/2"	TP46,48	12-10d x 1 1/2"	885	N/A	
90	ABU66	12-16d	PAU66	12-16d	2,240	N/A	
89	CB66	(2) 5/8" BOLTS	PA8X8	4-10d	2,300	985	
92	ABU44	12-16d	PAU44	12-16d	2,200	N/A	
93	AC6 (MAX)	28-16d	PBS66	24-16d	1,815	1,070	
94	AC4 (MAX)	28-16d	PBS44	24-16d	1,815	1,070	
95	HTS20	20-10d	HTW20	20-10d	1,450	N/A	
96	HD8A	SILL: 1/8" BOLT STUD: (3) 1/8" X 5 1/2" BOLTS	HH8A	SILL: 1/8" BOLT STUD: (3) 1/8" X 5 1/2" BOLTS	7,910	N/A	
97	MTT28B	24-16d	MTS27B	24-16d	4,455	N/A	
98	HTT16	SILL: 5/8" BOLT STRAP: 18-16d	HTT16	SILL: 5/8" BOLT STRAP: 18-16d	4,175	N/A	
99	A35	H: 4-8dx1 1/2" / P: 4-8dx1 1/2"	MPAI	H: 6-8dx1 1/2" / P: 6-8dx1 1/2"	440	440 / N/A	
100	HTT22	5/8" BOLT / 32-16d SINKERS	HTT22	3/4" BOLT / 32-16d	5,260	N/A	
101	HTT4	5/8" BOLT / 18-16d X 2 1/2"	N/A	N/A	3,640	N/A	
102	HTT5	5/8" BOLT / 26-10d	N/A	N/A	4,275	N/A	
103	VGTR/L	32-6DS 1/4" X 3" / (2) 5/8" BLT	N/A	N/A	3,990	N/A	
104	HDU8-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	HHU846	H: 14-16d / J: 6-16d	THD46	H: 8-18d / J: 12-10d	1,550	N/A	
168	U46	H: 8-10d / J: 4-10d	SUH46	H: 8-16d / J: 4-16d	710	N/A	
181	HUS26	20-16d	THD26	H: 20-16d / J: 10-10d	1,550	N/A	
184	HUC28-2	H: 14-16d / J: 4-10d	N/A	N/A	1,085	N/A	
214	HUC212-3TF	HD: 16-3/16" X 1 1/2" TAPCON BM: 6-16d	HDO212-3	HD: 18-3/16" X 1 1/2" TAPCON BM: 6-10d	1,135	N/A	
215	HGUS210-2	HDR: 46-16d / JST: 10-16d	EHUH210-2	HDR: 40-16d / JST: 16-10d	2,720	N/A	
216	HUS412	BLOCK: 10-1/4" X 1 1/2" TC JOIST: 10-16d	HUS412	BLOCK: 10-1/4" X 1 1/2" TC JOIST: 10-16d	3,240	N/A	
217	HUS212-2	BLOCK: 10-1/4" X 1 1/2" TC JOIST: 10-16d	HUS212-2	BLOCK: 10-1/4" X 1 1/2" TC JOIST: 10-16d	2,630	N/A	
219	MBHA412	H: 1-ATR 3/4" X 8 TOP FACE JOIST: 18-10d	NFM35X12U	H: 1-1/2" J-BOLT J: 5-1/2" BOLTS	3,145	N/A	
220	N/A	N/A	NFM3X12	BLK: 1/2" J / JST: 14-10d	1,620	N/A	
226	MBHA4.75/12	HDR: (2) 3/4" x 8" JOIST: 18-10d	NFM45U	HDR: MIN. 1/2" x J BOLT JOIST: (5) 1/2" BOLTS	2,160	N/A	
231	MBHA3.56/16	HDR: (2) 3/4" x 8" JOIST: 18-10d	NFM3.5X16U	HDR: MIN. 1/2" x J BOLT JOIST: (5) 1/2" BOLTS	3,450	N/A	
232	MBHA5.50/16	HDR: (2) 3/4" x 8" JOIST: 18-10d	NFM5.5X16U	HDR: MIN. 1/2" x J BOLT JOIST: (5) 1/2" BOLTS	3,450	N/A	
240	H15	R: 4-10dx1 1/2" / P: 4-10dx1 1/2"	N/A	N/A	1,300	480 / N/A	
241	LGT2	30-16d-sinker	LUGT2	32-10d	2,000	1015 / 440	
301	MGT	(1) 5/8" BLTS / GIR: 22-10d	N/A	N/A	3,965	N/A	
302	HGT-2 or 3	LTL: 3/4" BLTS / GIR: 8-10d	USC63	LTL: 3/4" BLTS / GIR: 8-16d	6,485	N/A	
303	HGT-4	LTL: 3/4" BLTS / GIR: 16-10d	N/A	N/A	9,250	N/A	
401	SUR/L414	FACE: 18-16d / JST: 8-16d	N/A	N/A	1,700	N/A	
T	CONNECTORS TO BE SPECIFIED AND PROVIDED BY TRUSS MANUFACTURERS						

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

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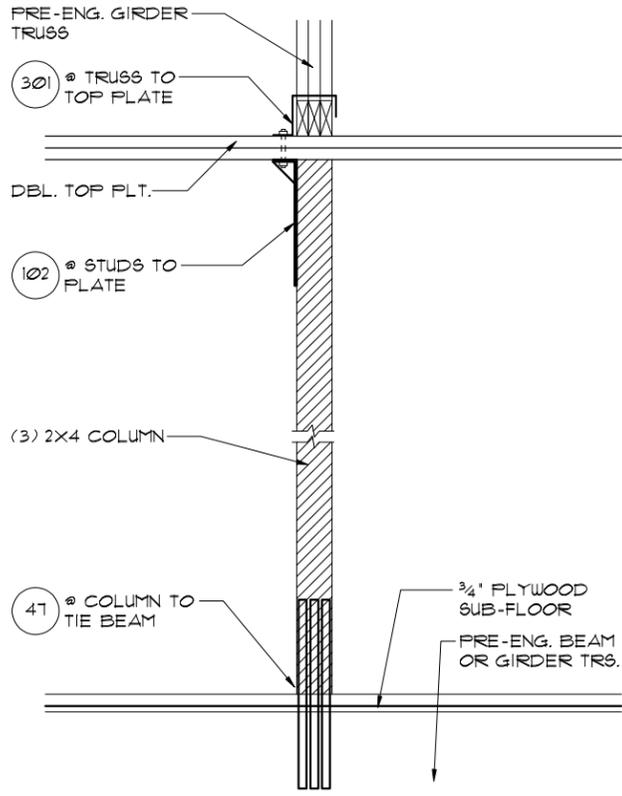
TYPICAL DETAILS / CONNECTOR SCHEDULE
 4232

REVISIONS	BY



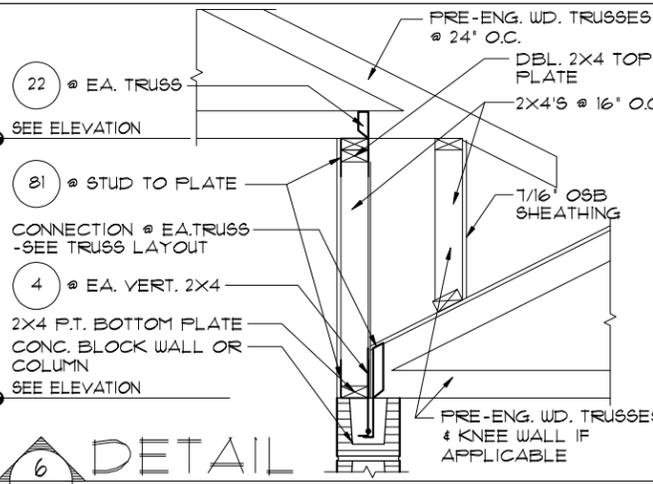
PARK SQUARE HOMES
 TYPICAL DETAILS / CONNECTOR SCHEDULE

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



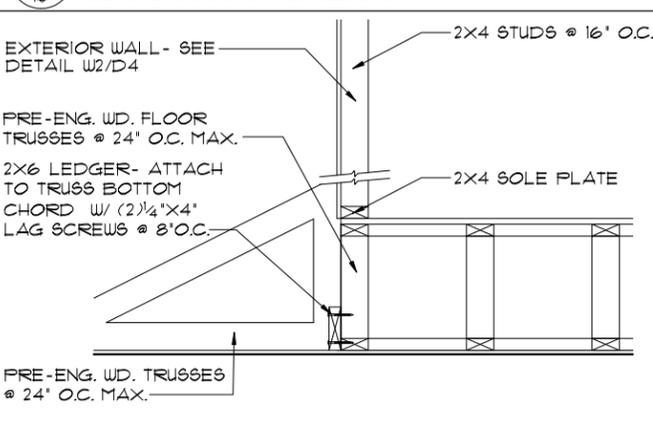
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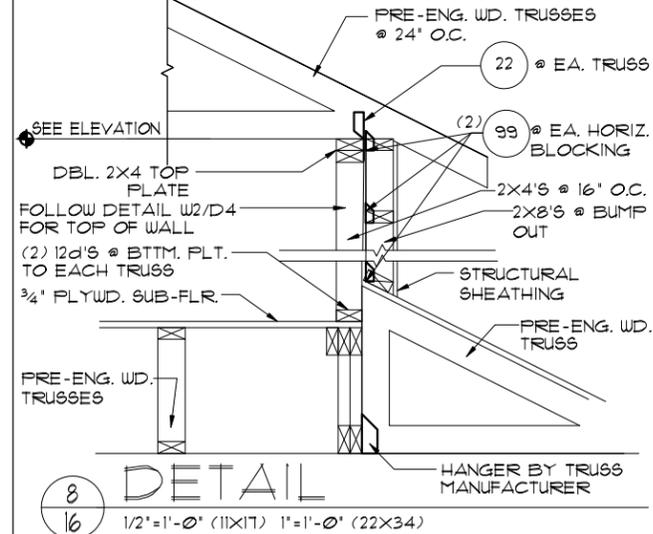
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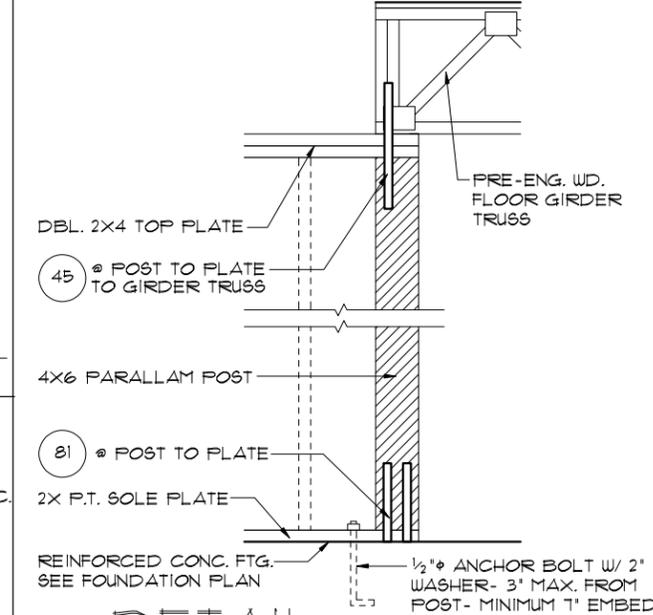
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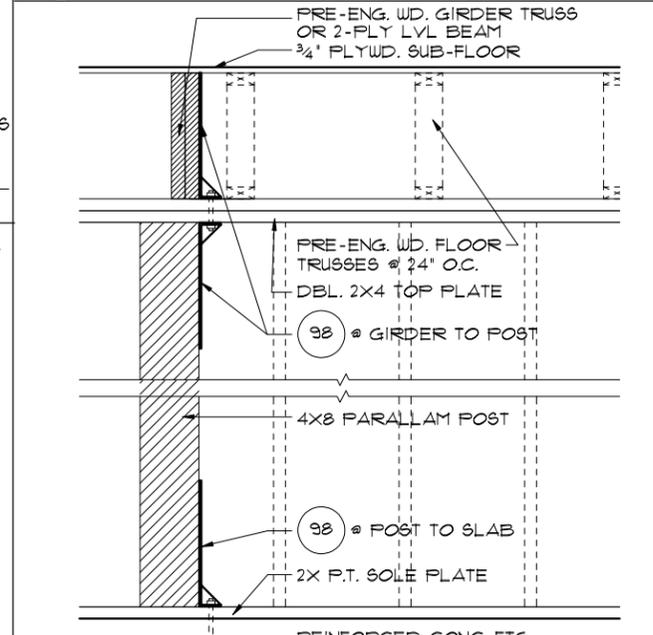
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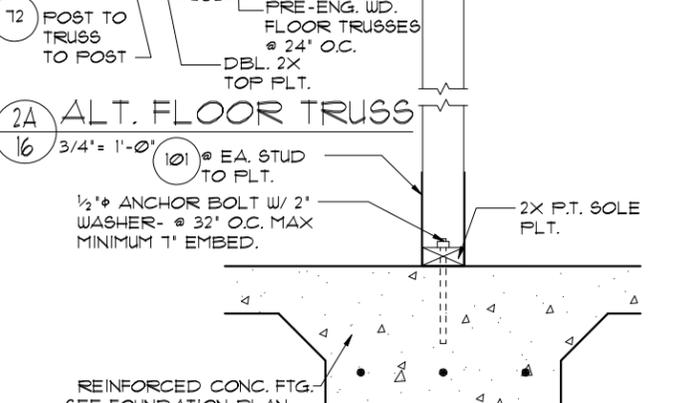
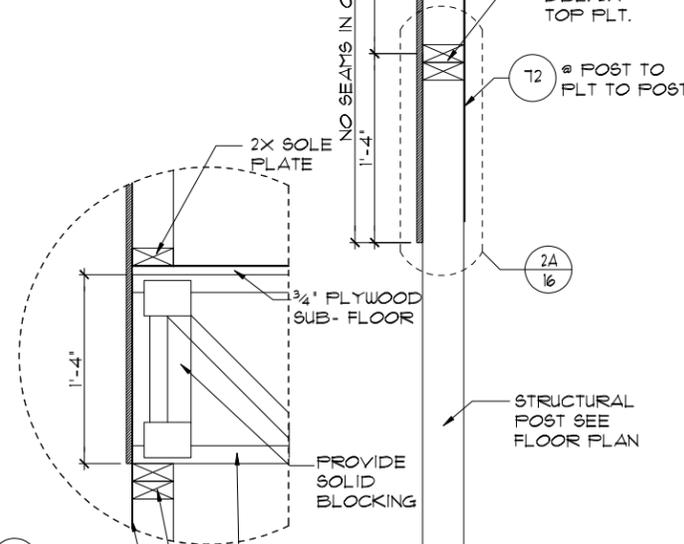
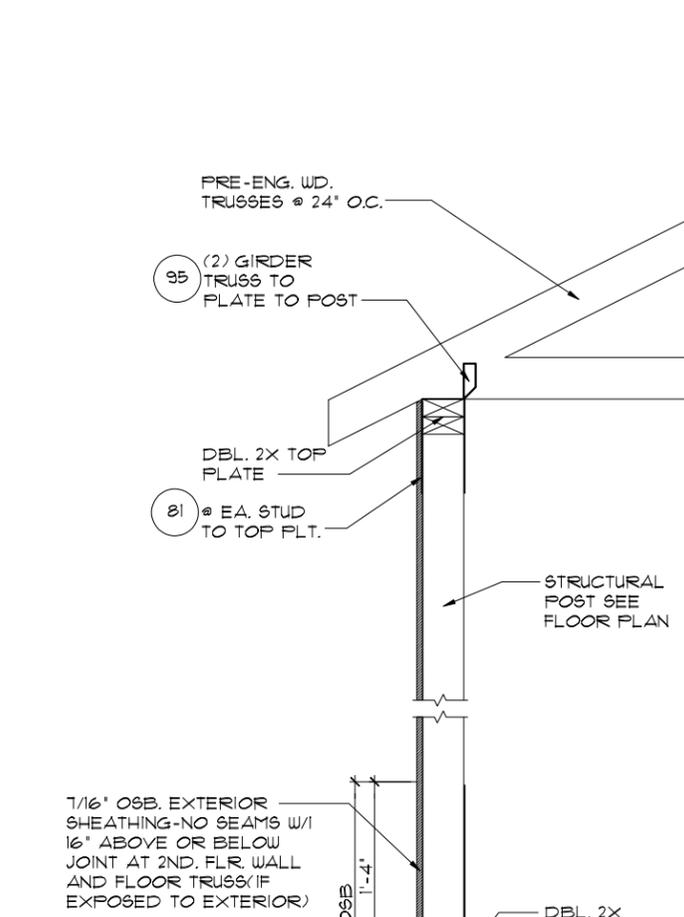
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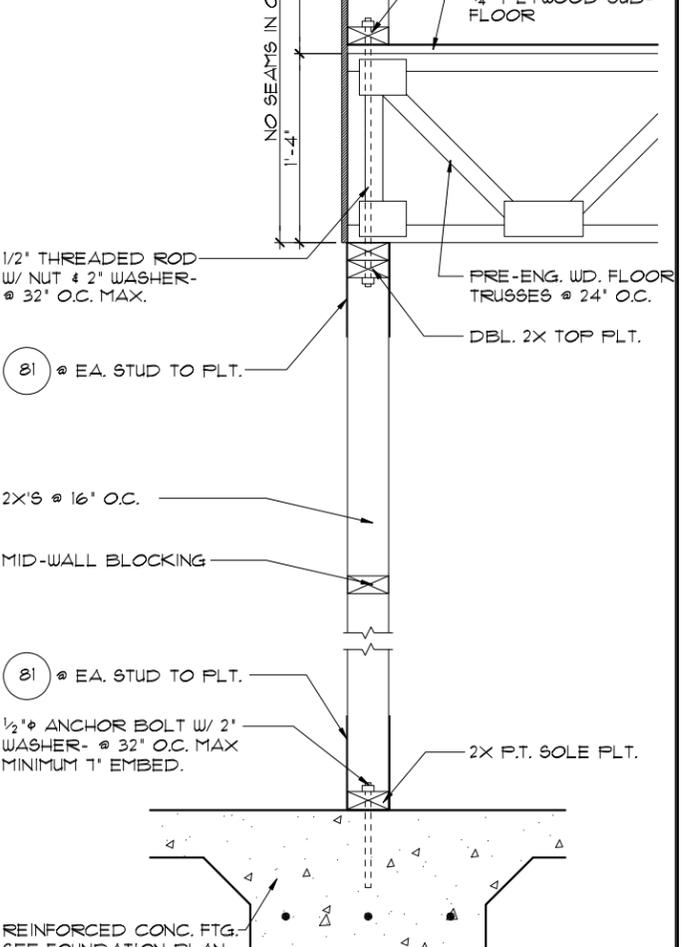
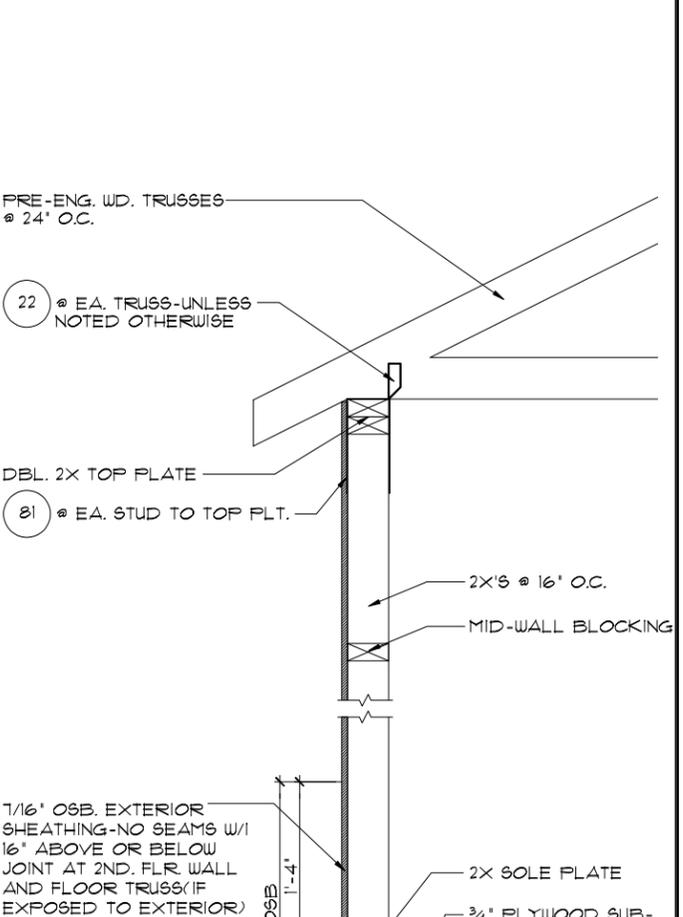
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13 DETAIL

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REVISIONS	BY

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS

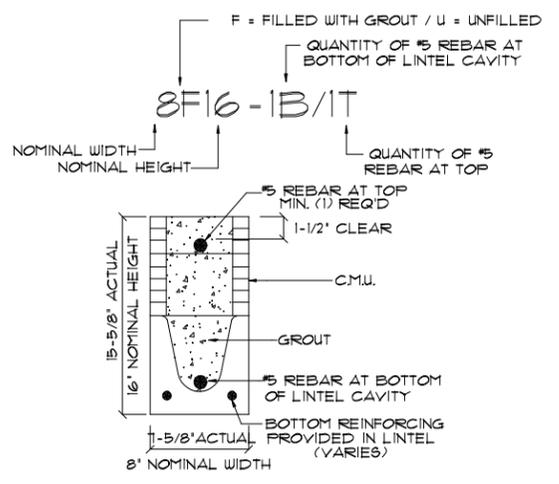
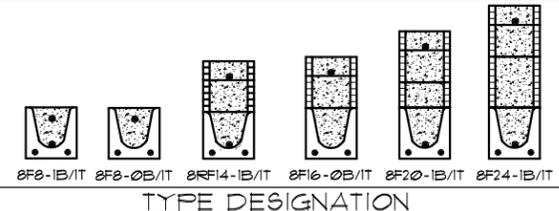
LENGTH	TYPE	8/8	GRAVITY													
			8F8-08	8F10-08	8F12-08	8F14-08	8F16-08	8F18-08	8F20-08	8F22-08	8F24-08	8F26-08				
2'-10" (34')	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936							
3'-6" (42')	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936							
4'-0" (48')	PRECAST	2079	2646	4413	6039	7526	9004	10472	11936							
4'-6" (54')	PRECAST	1651	2110	4021	6039	7526	9004	10472	11936							
5'-4" (64')	PRECAST	1184	1665	2889	5091	6796	8400	10004	11608							
5'-10" (70')	PRECAST	972	1000	1059	1414	1889	2364	2839	3314							
6'-6" (78')	PRECAST	737	1255	2101	3263	4425	5587	6749	7911							
7'-6" (90')	PRECAST	631	1029	1675	2385	3095	3805	4515	5225							
9'-4" (112')	PRECAST	513	632	1045	1469	1893	2317	2741	3165							
10'-6" (126')	PRECAST	456	658	1025	1514	2003	2492	2981	3470							
11'-4" (136')	PRECAST	448	598	935	1365	1795	2225	2655	3085							
12'-0" (144')	PRECAST	414	545	864	1284	1704	2124	2544	2964							
13'-4" (160')	PRECAST	362	427	716	1029	1342	1655	1968	2281							
14'-0" (168')	PRECAST	338	485	748	1076	1438	1800	2162	2524							
14'-8" (176')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR							
15'-4" (184')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR							
17'-4" (208')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR							
19'-4" (232')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR							
21'-4" (256')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR							
22'-0" (264')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR							
24'-0" (288')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR							

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

LENGTH	TYPE	8R16	GRAVITY													
			8RF6-08	8RF10-08	8RF14-08	8RF18-08	8RF22-08	8RF26-08	8RF30-08	8RF34-08	8RF38-08					
4'-4" (52')	PRECAST	1489	1991	2762	3533	4304	5075	5846	6617							
4'-6" (54')	PRECAST	1351	1871	2582	3293	4004	4715	5426	6137							
5'-0" (60')	PRECAST	1085	1532	2162	2792	3422	4052	4682	5312							
5'-10" (70')	PRECAST	735	1178	1621	2064	2507	2950	3393	3836							
6'-8" (80')	PRECAST	622	1071	1520	1969	2418	2867	3316	3765							
7'-6" (90')	PRECAST	665	1114	1563	2012	2461	2910	3359	3808							
9'-8" (116')	PRECAST	371	620	869	1118	1367	1616	1865	2114							

8" PRECAST & PRESTRESSED U-LINTELS

LENGTH	TYPE	UPLIFT										LATERAL	
		8P8-11	8P10-11	8P12-11	8P14-11	8P16-11	8P18-11	8P20-11	8P22-11	8P24-11	8P26-11		
2'-10" (34')	PRECAST	2121	2818	3515	4212	4909	5606	6303	7000	7697	8394	2021	2021
3'-6" (42')	PRECAST	2121	2784	3447	4110	4773	5436	6099	6762	7425	8088	1291	1291
4'-0" (48')	PRECAST	1878	2439	3000	3561	4122	4683	5244	5805	6366	6927	938	938
4'-6" (54')	PRECAST	1660	2119	2678	3237	3796	4355	4914	5473	6032	6591	7150	7150
5'-4" (64')	PRECAST	1393	1852	2311	2770	3229	3788	4347	4906	5465	6024	509	509
5'-10" (70')	PRECAST	1272	1631	2090	2549	3008	3467	3926	4385	4844	5303	418	418
6'-6" (78')	PRECAST	1141	1400	1759	2118	2477	2836	3195	3554	3913	4272	1071	881
7'-6" (90')	PRECAST	989	1248	1507	1766	2025	2284	2543	2802	3061	3320	591	651
9'-4" (112')	PRECAST	801	1060	1319	1578	1837	2096	2355	2614	2873	3132	454	630
10'-6" (126')	PRECAST	716	975	1234	1493	1752	2011	2270	2529	2788	3047	396	493
11'-4" (136')	PRECAST	666	925	1184	1443	1702	1961	2220	2479	2738	3000	363	556
12'-0" (144')	PRECAST	607	866	1125	1384	1643	1902	2161	2420	2679	2938	340	494
13'-4" (160')	PRECAST	500	759	1018	1277	1536	1795	2054	2313	2572	2831	302	398
14'-0" (168')	PRECAST	458	717	976	1235	1494	1753	2012	2271	2530	2789	286	360
14'-8" (176')	PRESTRESSED	243	352	461	570	679	788	897	1006	1115	1224	NR	351
15'-4" (184')	PRESTRESSED	228	337	446	555	664	773	882	991	1100	1209	NR	321
17'-4" (208')	PRESTRESSED	188	297	406	515	624	733	842	951	1060	1169	NR	255
19'-4" (232')	PRESTRESSED	165	274	383	492	601	710	819	928	1037	1146	NR	204
21'-4" (256')	PRESTRESSED	145	254	363	472	581	690	799	908	1017	1126	NR	172
22'-0" (264')	PRESTRESSED	142	251	360	469	578	687	796	905	1014	1123	NR	161
24'-0" (288')	PRESTRESSED	121	230	339	448	557	666	775	884	993	1102	NR	135



MATERIALS

1. f'c precast lintels = 3500 psi.
2. f'c prestressed lintels = 6000 psi.
3. f'c grout = 3000 psi w/ maximum 3/8" aggregate.
4. Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
5. Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
6. Prestressing strand per ASTM A416 grade 270 low relaxation.
7. T/32 wire per ASTM A510.
8. Mortar per ASTM C270 type M or S.

GENERAL NOTES

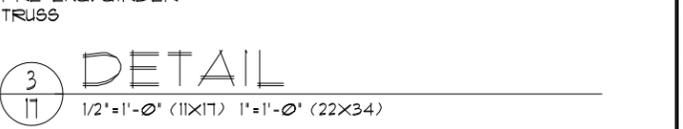
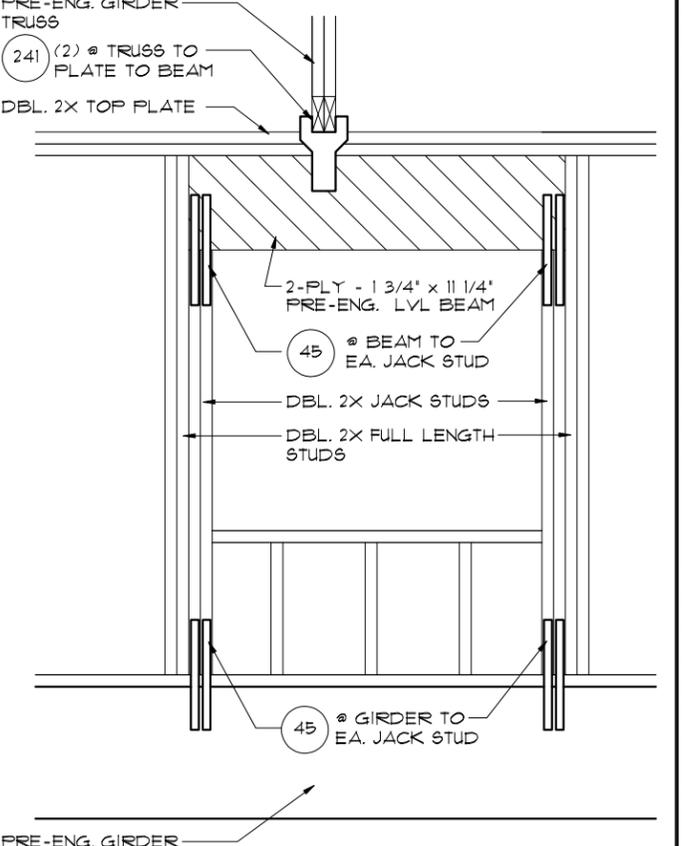
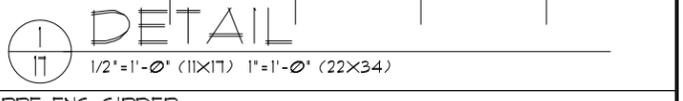
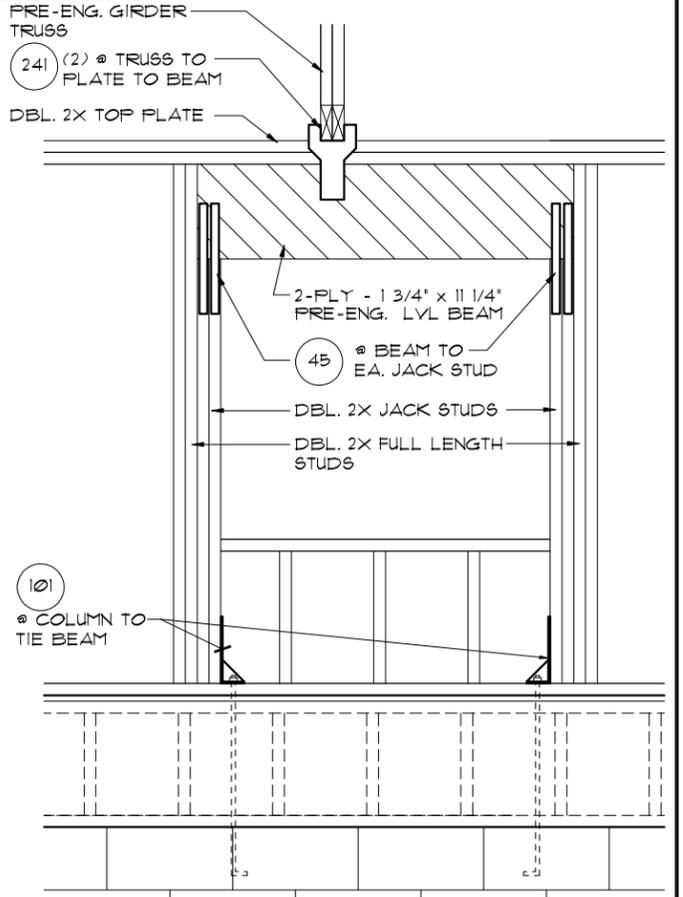
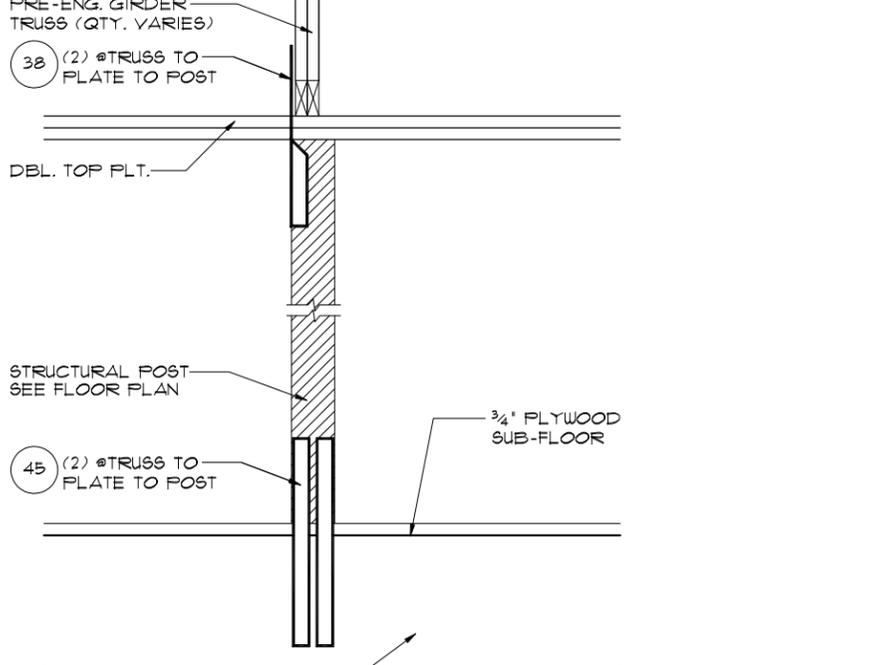
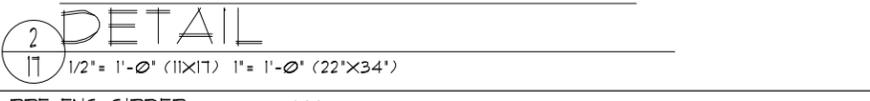
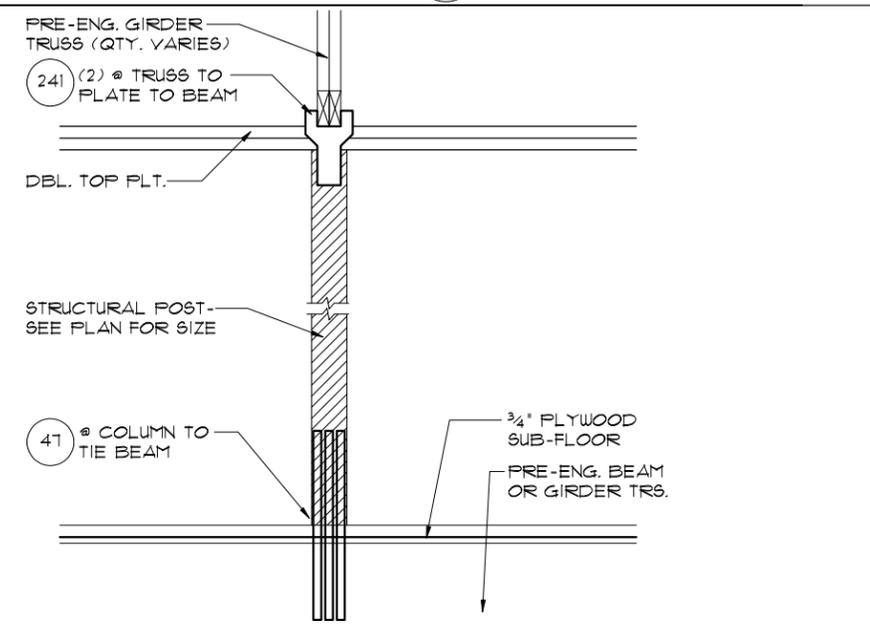
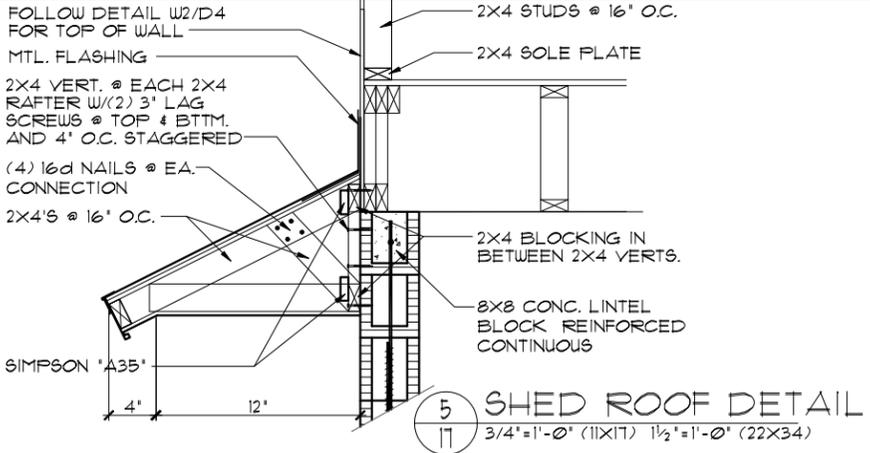
1. Provide full mortar head and bed joints.
2. Shore filled lintels as required.
3. Installation of lintel must comply with the architectural and/or structural drawings.
4. Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
5. All lintels meet or exceed L/360 vertical deflection, except lintels 17'-4" and longer with a nominal height of 8' meet or exceed L/180.
6. Bottom field added rebar to be located at the bottom of the lintel cavity.
7. T/32 diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
8. Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
9. Safe load ratings based on rational design analysis per ACI 318 and ACI 530.

SAFE LOAD TABLE NOTES

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

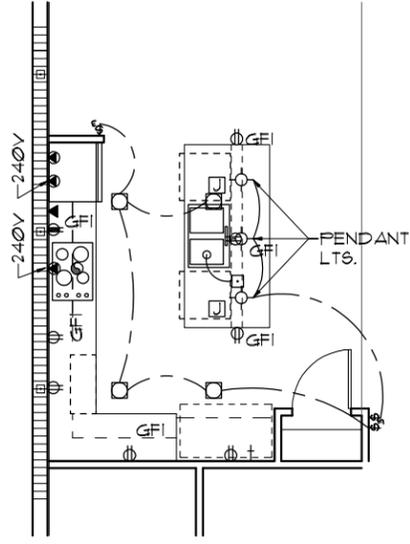
8" PRECAST W/ 2" RECESS DOOR U-LINTELS

LENGTH	TYPE	UPLIFT										LATERAL	
		8RF6-11	8RF10-11	8RF14-11	8RF18-11	8RF22-11	8RF26-11	8RF30-11	8R16	8R16			
4'-4" (52')	PRECAST	1244	1513	2113	2713	3313	3913	4513	5113	5713	6313	532	532
4'-6" (54')	PRECAST	1192	1461	2061	2661	3261	3861	4461	5061	5661	6261	583	583
5'-0" (60')	PRECAST	924	1193	1793	2393	2993	3593	4193	4793	5393	5993	501	501
5'-10" (70')	PRECAST	836	1105	1705	2305	2905	3505	4105	4705	5305	5905	469	469
6'-8" (80')	PRECAST	718	987	1587	2187	2787	3387	3987	4587	5187	5787	630	1000
7'-6" (90')	PRECAST	688	957	1557	2157	2757	3357	3957	4557	5157	5757	710	941
9'-8" (116')	PRECAST	533	802	1402	2002	2602	3202	3802	4402	5002	5602	516	614



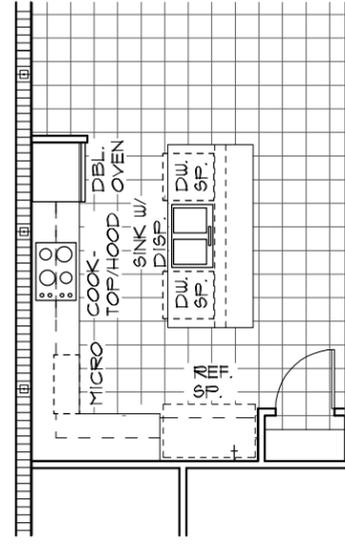
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 PARADISO GRANDE
 REEF
 PRE CAST LINTEL DATA / STRUCTURAL DETAILS
 PARADISO GRANDE
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 4232
 SHEET 17 OF SHEETS

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



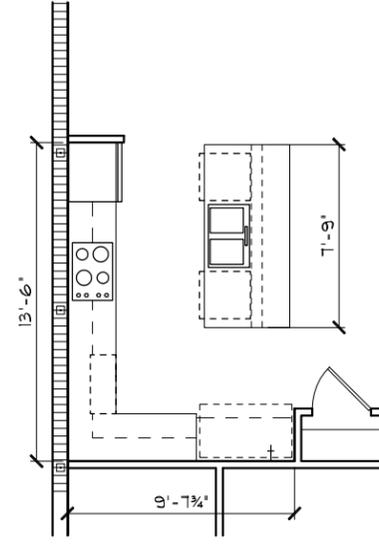
ELECTRICAL PLAN

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



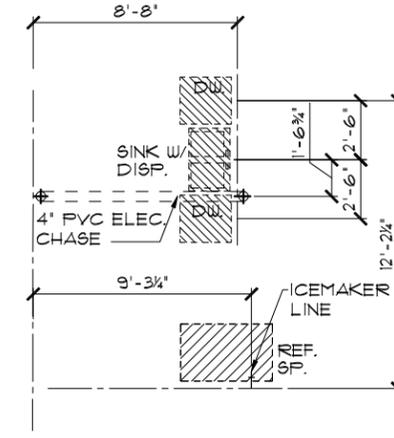
FLOOR PLAN W/ NOTES

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



FLOOR PLAN W/ DIMENSIONS

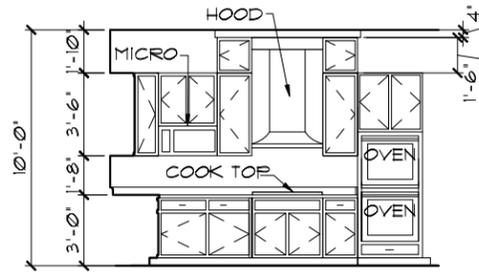
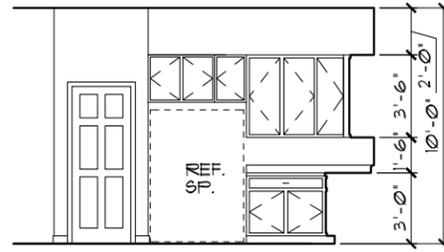
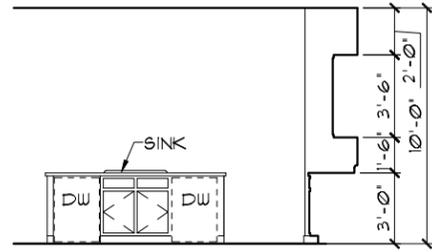
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



FOUNDATION PLAN

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

GOURMET OPTION 1



INTERIOR ELEVATIONS

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

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

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

REEF

PARADISO GRANDE

OPTIONS

PARADISO GRANDE

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