# 6374 (A,B,C)

## WATERFALL

## PARADISO GRANDE

60'0 X 72'0

### REVISION SCHEDULE

| NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 0 | 04-09-21 | -THESE PLANS CREATED USING 6275 VALENCIA | DE |
| | | PLANS DATED 03-04-21 PROVIDED BY PSH | |
| 1 | 07-07-21 | -REVISED 2ND FLOOR EXTERIOR FINISH FROM | JA |
| | | STUCCO TO SMOOTH PANEL BOARD | |
| | | -REVISE ALL ARCH SOFFITS TO FLAT | |
| 2 | 11-16-21 | -CHANGED WET BAR TO OPT. | RN |
| 3 | 04-05-23 | -ADD EXTRA RECESS CANS IN DINING & FAM. RM. | MW |
| 4 | 06-20-23 | -UPDATE ALARM PER BUILDER'S REQUEST | MW |
| 5 | 08-10-23 | -CHANGE DOWNSTAIRS POOL BATH TO FULL BATH | MW |
| | | -ADD (3) RECESS CANS AT GREAT RM & (2) DINING | |
| 6 | 10-02-23 | -DELETE ALL INTERIOR DOORS HEIGHTS | MW |
| 7 | 1-31-24 | -EXTEND KITCHEN ISLAND 12" | MW |
| 8 | 02-28-24 | -ADD ELECTRICAL CHANGES REQUESTED NL | MW |
| 9 | 03-25-24 | -2023 CODE UPDATE - ELEV C | MW |
| 10 | 04-01-24 | -DELETE ALL TP, TOWEL BAR & STEP IN GARAGE | MW |
| | | PER NL | |
| 11 | 05-02-24 | -APPLIED FBC 2023 -8TH EDITION CODE | MR |
| | | UPDATE - ELEV A & B | |
| 12 | 05-30-24 | -ADDED ON-Q PANEL | MR |
| 13 | 12-12-24 | -FRAME DOWN CLG IN GAME RM OPT. | MW |
| 14 | 05-30-25 | -RAISE HEADER HT. FOR ELEV. B&C BDRM. #7 | MW |
| 15 | 07-29-25 | -ADD FRAME WALK CHANGES: | MW |
| | | - RELOCATE OWNER'S CLOSET DOOR | |
| | | -DELETE DROP DOWN CLG. @ GAME RM, OPT. | |
| | | REPLACE SH WDW IN GAME RM, W/FIXED GLS. | |

### 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
08.1 STAIR SECTION
09A.0 ELECTRICAL PLAN
10A.0 UPPER ELECTRICAL PLAN
11A.0 TRUSS LAYOUT
12A.0 UPPER TRUSS LAYOUT
13A.0 PRECAST LINTEL LAYOUT
14 TYPICAL DETAILS/CONNECTOR SCHEDULE
15 TYPICAL DETAILS
16 TYPICAL DETAILS
17 TYPICAL DETAILS
18 TYPICAL DETAILS
D1 TYPICAL STRUCTURAL DETAILS
D2 TYPICAL STRUCTURAL DETAILS
D3 TYPICAL STRUCTURAL DETAILS
D4 TYPICAL STRUCTURAL DETAILS
D5 TYPICAL STRUCTURAL DETAILS
D6 SOFFIT DETAILS
.1 OPTION GAME ROOM


### SHEET INDEX- ELEVATION "B"


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


### INDEX- ELEVATION "C"


00 COVER SHEET
01C.0 FOUNDATION PLAN
02C.0 FLOOR PLAN W/ DIMENSIONS
03C.0 FLOOR PLAN W/ NOTES
04C.0 UPPER FLOOR PLAN W/ DIMENSIONS
05C.0 UPPER FLOOR PLAN W/ NOTES
06C.0 EXTERIOR ELEVATIONS- FRONT/ REAR
07C.0 EXTERIOR ELEVATIONS- LEFT/ RIGHT
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10C.0 UPPER ELECTRICAL PLAN
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12C.0 UPPER TRUSS LAYOUT
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THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, PARADISO GRANDE


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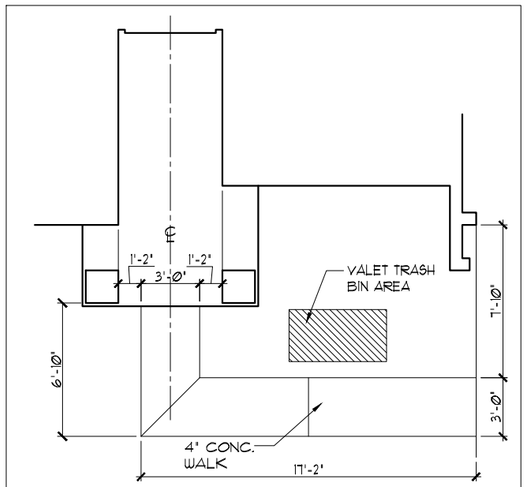

COVER SHEET

WATERFALL

PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 00 |
| OF | SHEETS |

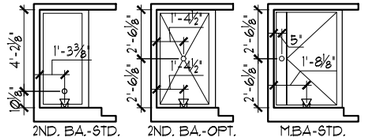


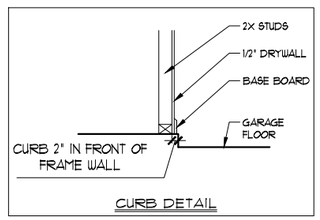

## SIDEWALK LAYOUT

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

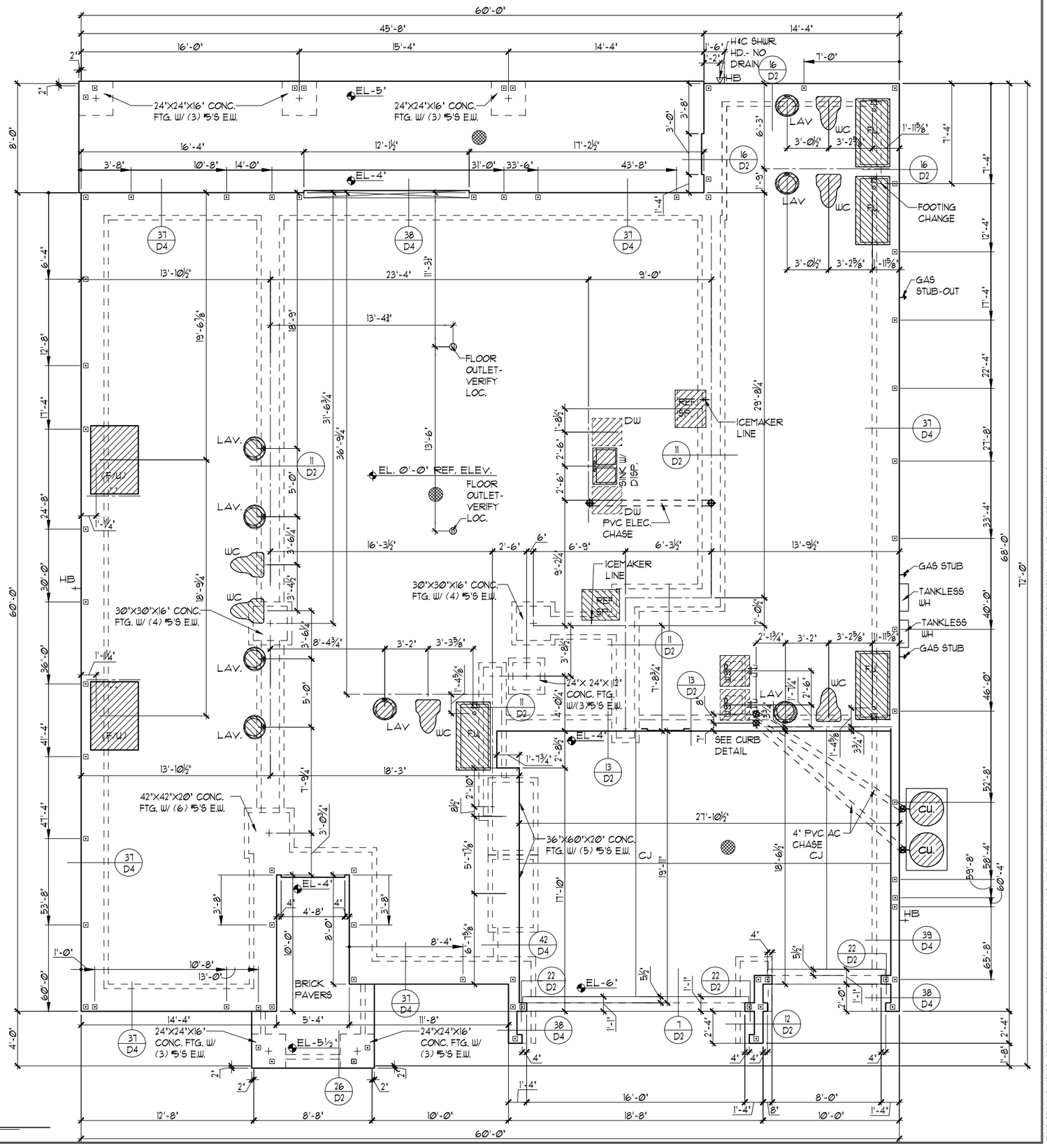
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1. CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
2. ⊡ DENOTES FILL CELL REINF. W/ CONC. W/ (1) #5◊ REBAR, GRADE 60
3. ■ DENOTES FILL CELL REINF. W/ CONC. W/ (2) #5◊ REBAR, GRADE 60
4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
5. WATER HEATER T & P RELIEF VALVE SHALL BE FULL SIZE TO EXTERIOR. WATER HEATER AT OR ABOVE FLOOR LEVEL SHALL BE IN A PAN WITH DRAIN TO EXTERIOR. WATER HEATER SHALL HAVE APPROVED THERMAL EXPANSION DEVICE.
6. ▨ DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2500 P.S.I. 4" THICK WITH 6X6 10/10 GAUGE REINFORCING MAT. WITH MIN. 1" COVER. TERMITE TREATED SOIL WITH .006mm (6 mil) POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL. WWF SHALL BE PLACED IN MIDDLE TO UPPER THIRD OF SLAB AND SUPPORTED ON APPROVED SLAB BOLSTERS. *FIBER MESH REINFORCEMENT MAY BE USED AS ALTERNATIVE TO WIRE MESH.
7. PAVERS MAY BE USED ILO CONCRETE SLABS IN PATIO, PORCH, DRIVE AND WALKWAY AREAS. DELETE SLAB IN AREAS PAVERS ARE USED.
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CURB DETAIL




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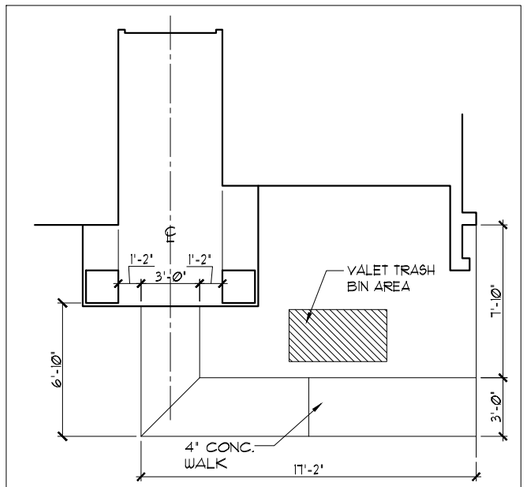
FOUNDATION PLAN

WATERFALL

PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 01A.0 |
| OF | SHEETS |

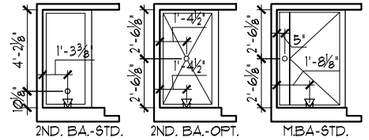


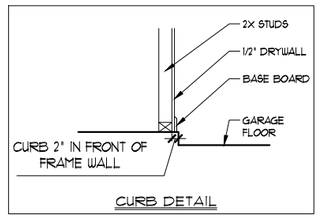

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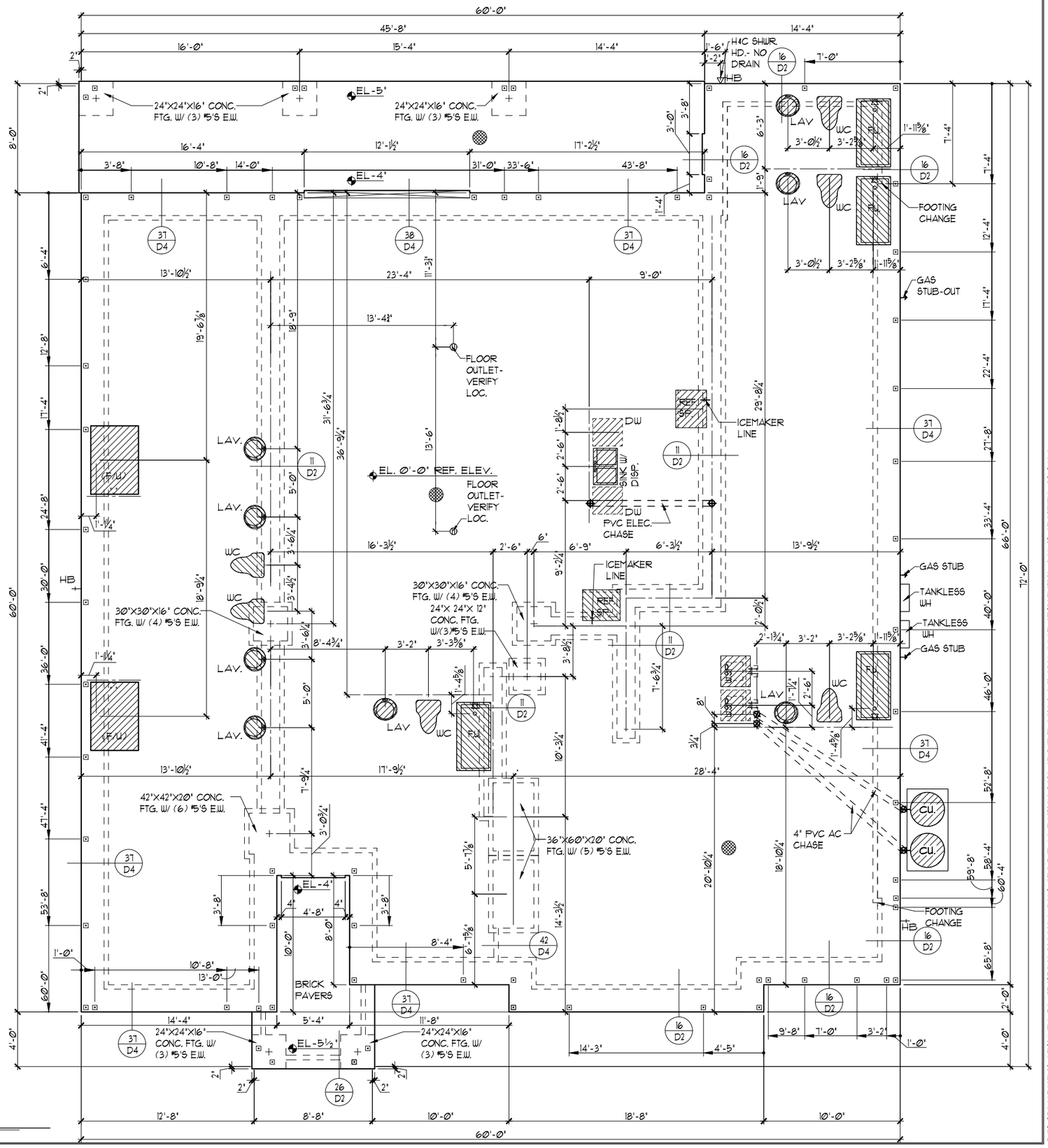
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CURB DETAIL




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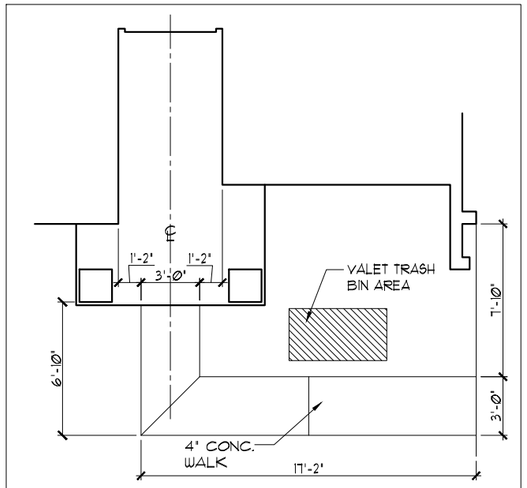
FOUNDATION PLAN

WATERFALL

PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
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| JOB | 6374 |
| SHEET | 01A.1 |
| OF | SHEETS |

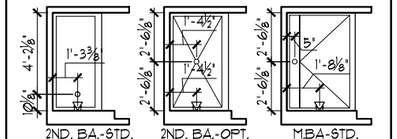


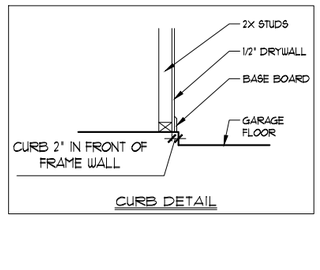

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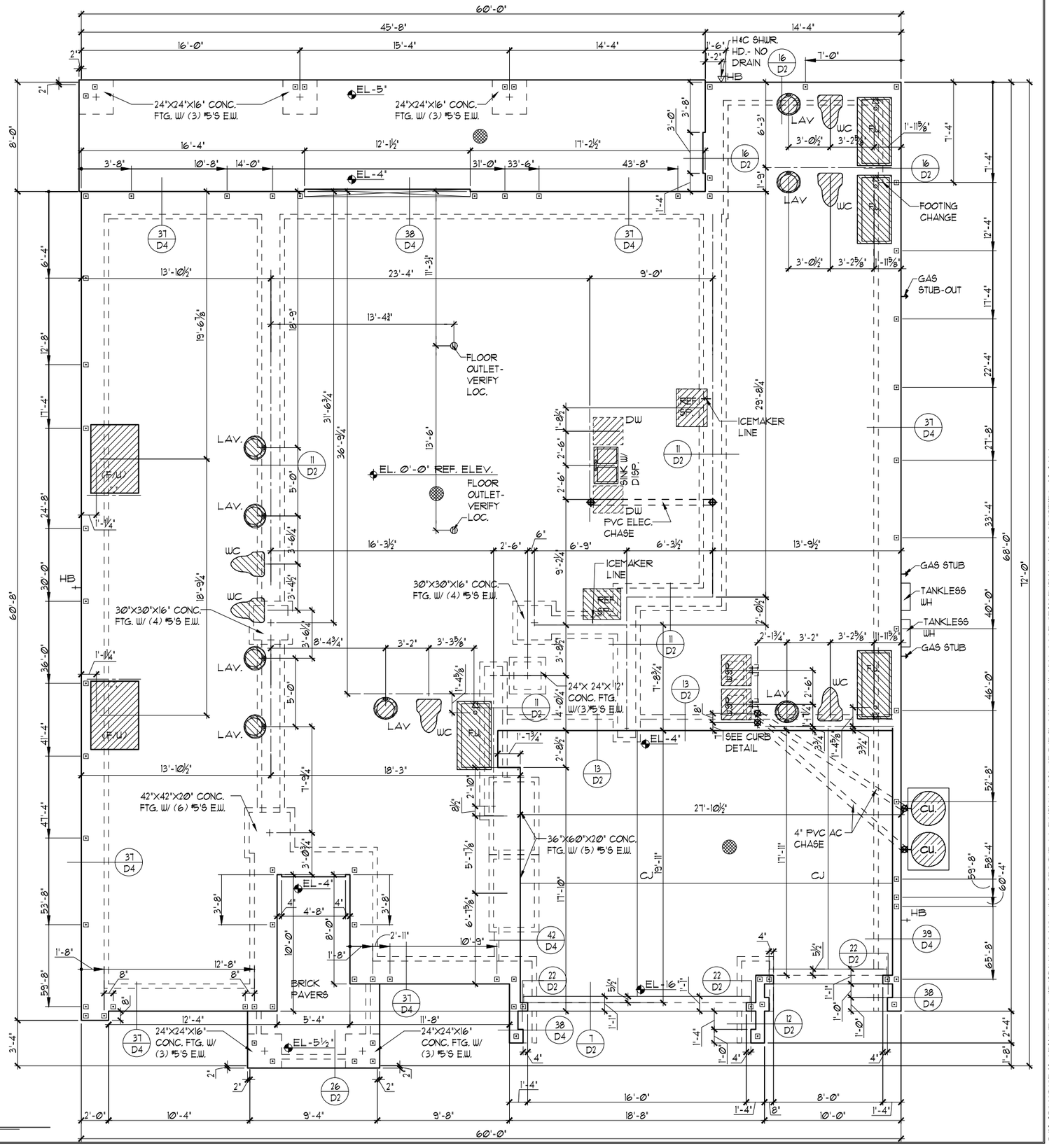
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CURB DETAIL




## FOUNDATION PLAN "B"

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PARADISO GRANDE

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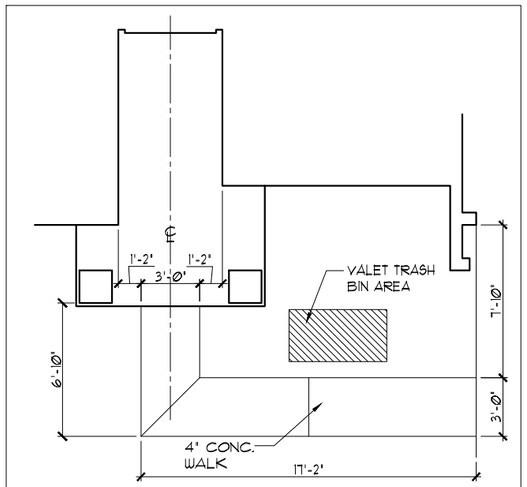
FOUNDATION PLAN

WATERFALL

PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 01B.0 |
| OF | SHEETS |

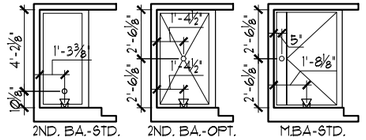


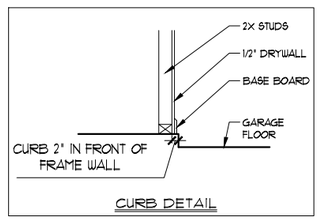

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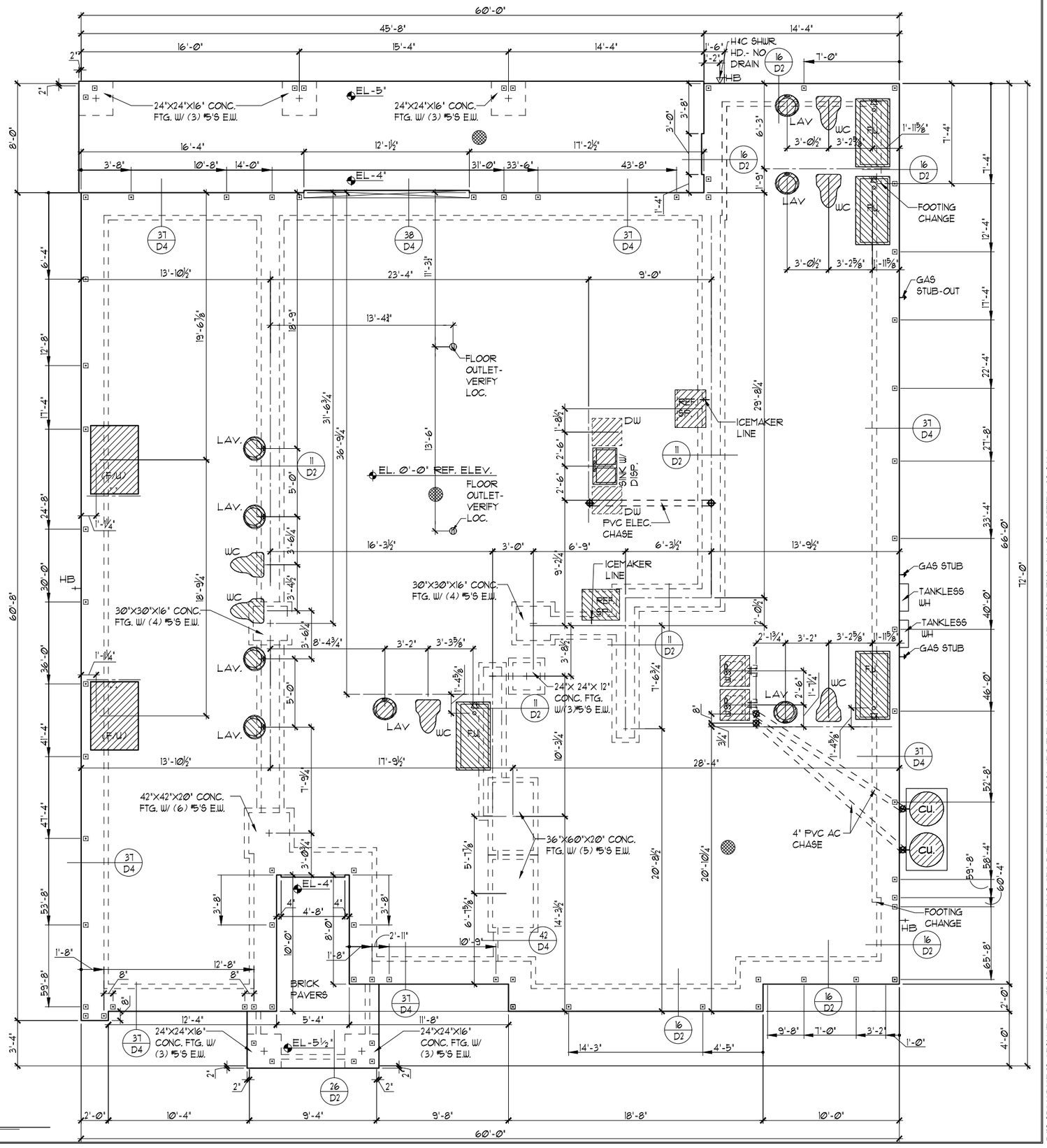
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CURB DETAIL




## FOUNDATION PLAN "B"

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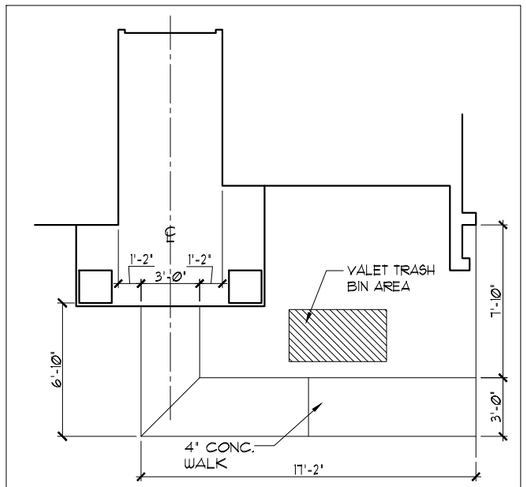
FOUNDATION PLAN

WATERFALL

PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 01B.1 |
| OF | SHEETS |

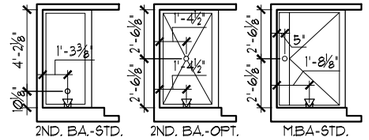


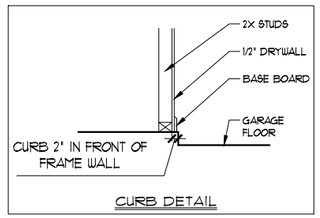

SIDEWALK LAYOUT

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

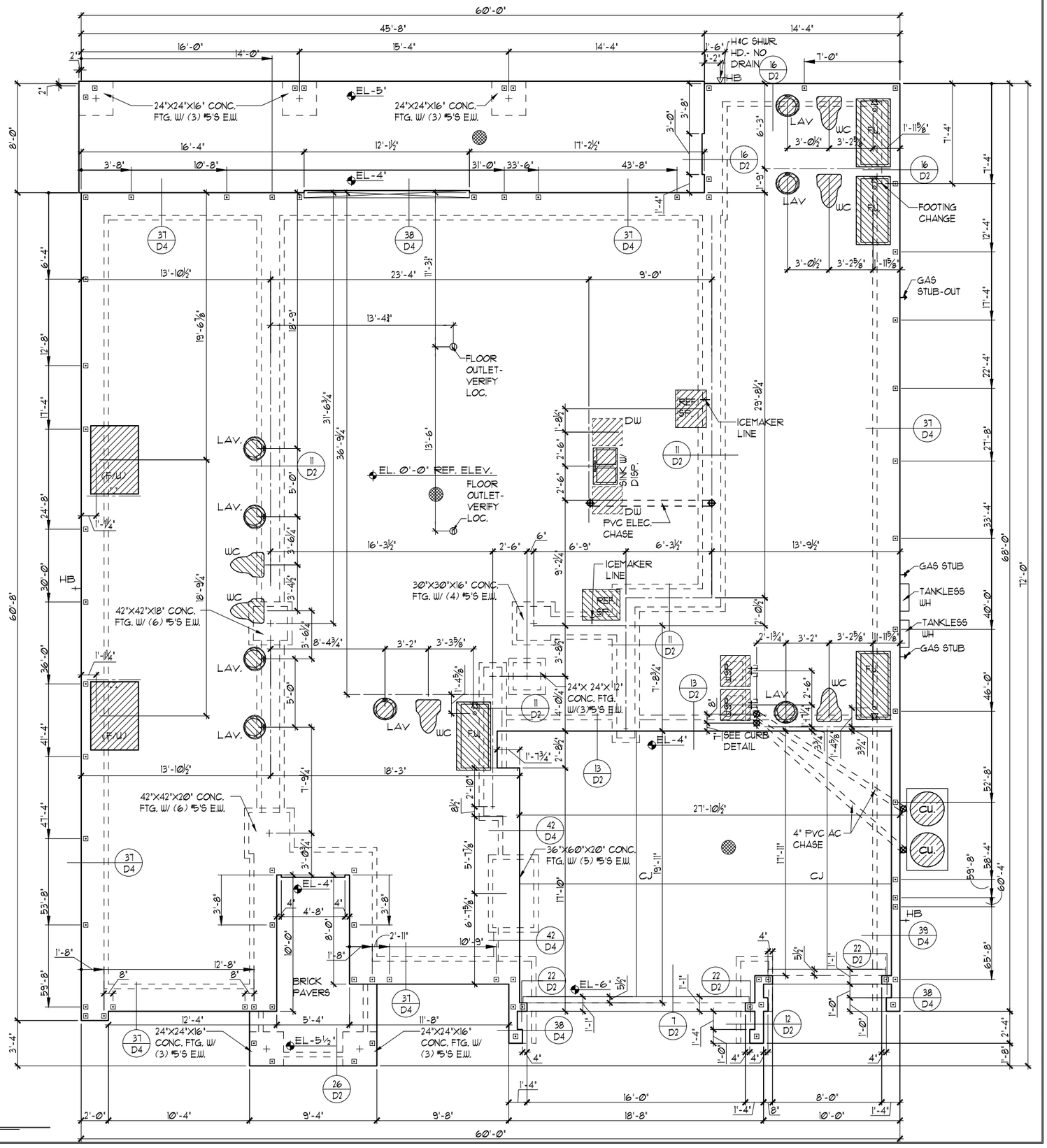
## FOUNDATION NOTES

1. CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
2. ⊡ DENOTES FILL CELL REINF. W/ CONC. W/ (1) #5◊ REBAR, GRADE 60
3. ■ DENOTES FILL CELL REINF. W/ CONC. W/ (2) #5◊ REBAR, GRADE 60
4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
5. WATER HEATER T & P RELIEF VALVE SHALL BE FULL SIZE TO EXTERIOR. WATER HEATER AT OR ABOVE FLOOR LEVEL SHALL BE IN A PAN WITH DRAIN TO EXTERIOR. WATER HEATER SHALL HAVE APPROVED THERMAL EXPANSION DEVICE.
6. ▨ DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2500 P.S.I. 4" THICK WITH 6X6 10/10 GAUGE REINFORCING MAT. WITH MIN. 1" COVER. TERMITE TREATED SOIL WITH .006mm (6 mil) POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL. WWF SHALL BE PLACED IN MIDDLE TO UPPER THIRD OF SLAB AND SUPPORTED ON APPROVED SLAB BOLSTERS. *FIBER MESH REINFORCEMENT MAY BE USED AS ALTERNATIVE TO WIRE MESH.
7. PAVERS MAY BE USED ILO CONCRETE SLABS IN PATIO, PORCH, DRIVE AND WALKWAY AREAS. DELETE SLAB IN AREAS PAVERS ARE USED.
8. (X/X) STANDARD FOOTING
9. MECHANICAL EQUIP. LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
10. IN LIEU OF TREATING THE SOIL, AN ALTERNATIVE TO TERMITE TREATED SOIL CAN BE TERMICIDE.
11. BORA-CARE TO BE APPLIED ON INTERIOR WALLS IAW MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PURSUANT TO CH.402 FLORDA BUILDING CODE.
12. TYP. TUB/SHWR. VALVE & DRAIN LOCATIONS




CURB DETAIL




FOUNDATION PLAN "C"

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

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

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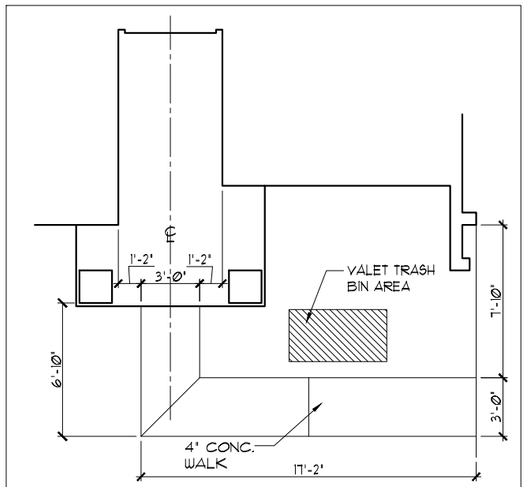
FOUNDATION PLAN

WATERFALL

PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 01C.0 |
| OF | SHEETS |

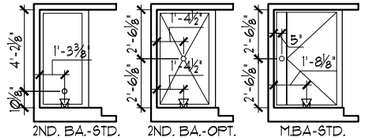


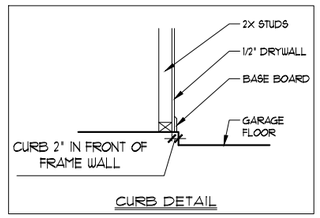

## SIDEWALK LAYOUT

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

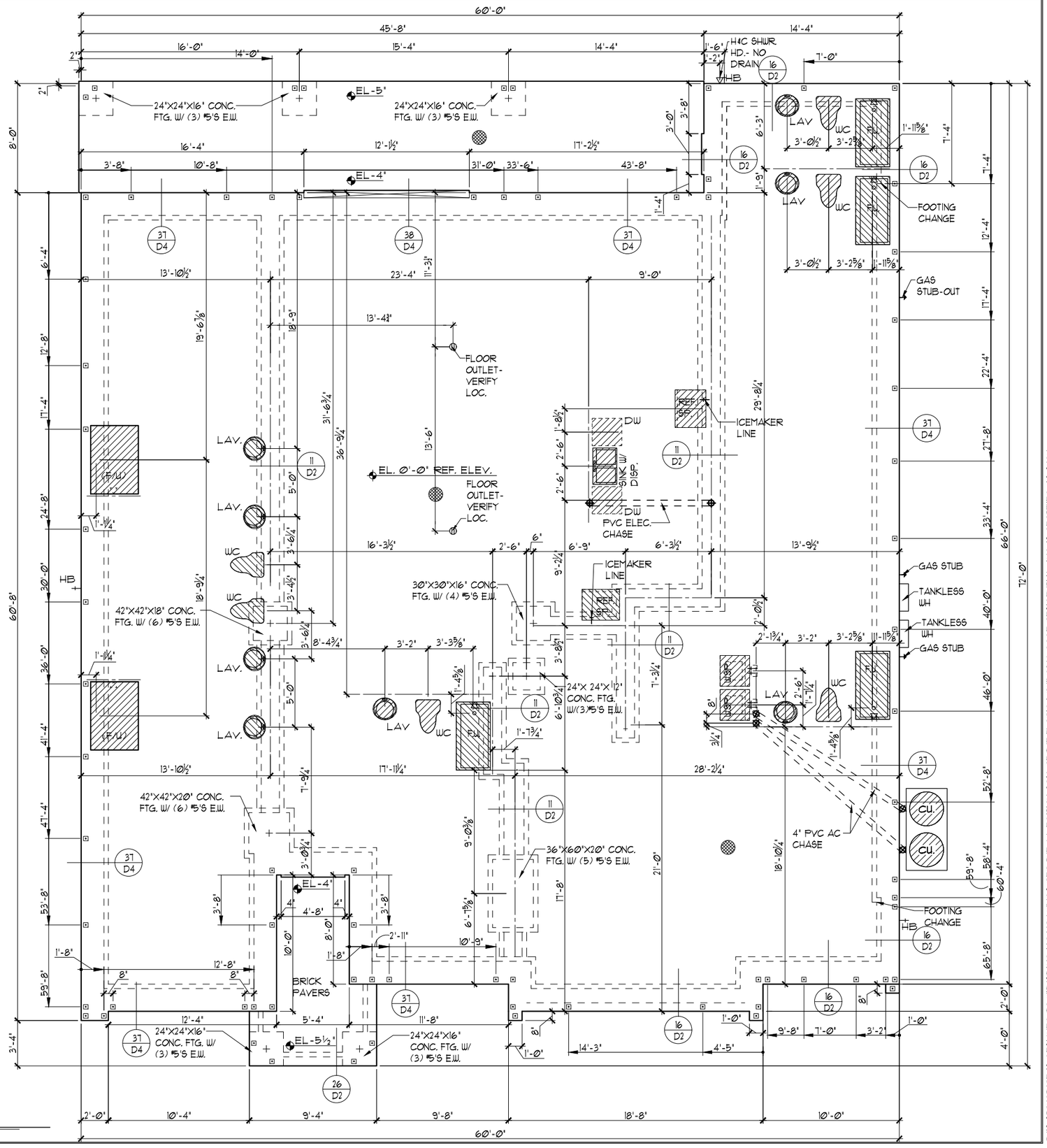
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12. TYP. TUB/SHWR. VALVE & DRAIN LOCATIONS




CURB DETAIL




## FOUNDATION PLAN "C"

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

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

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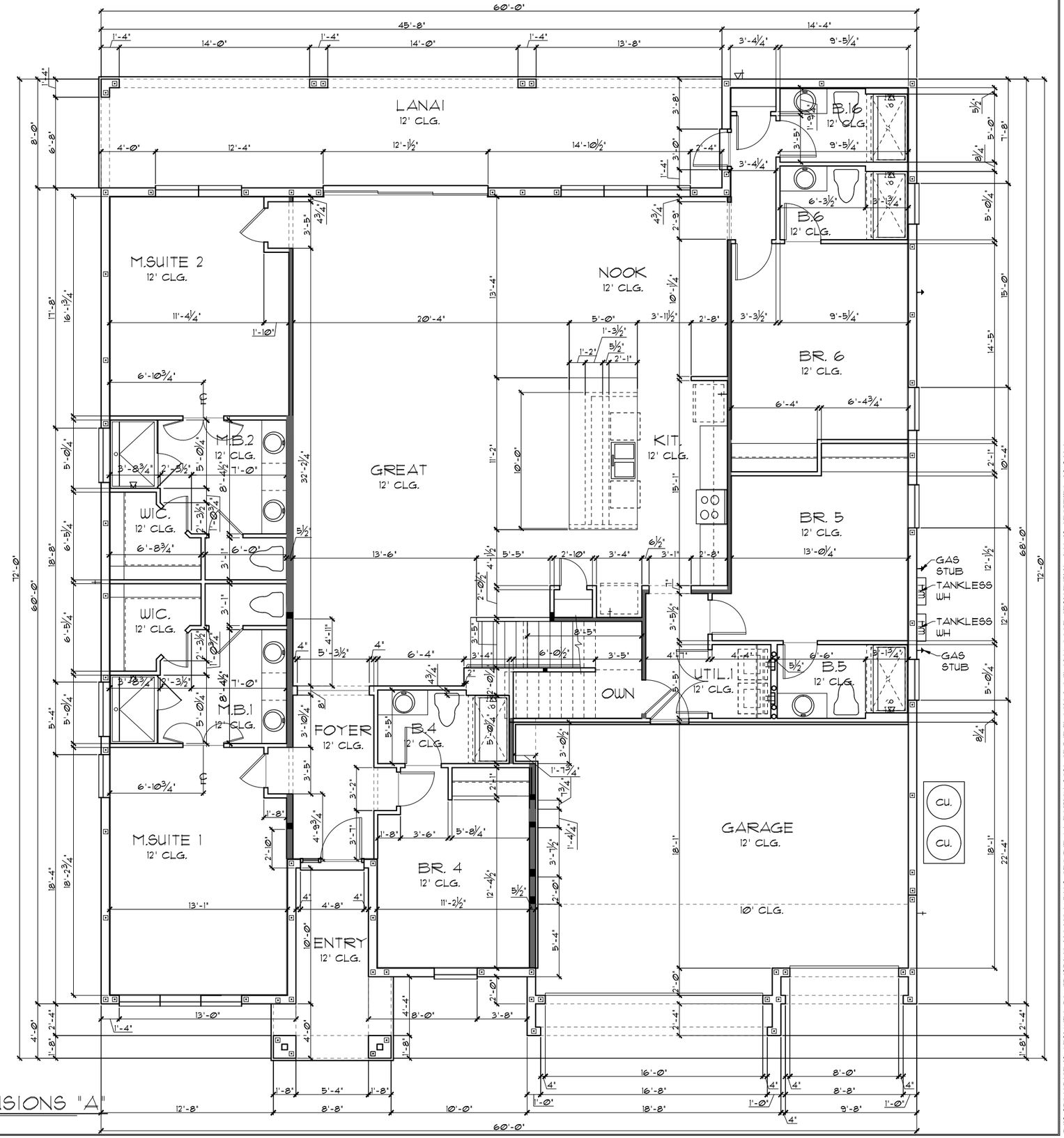
FOUNDATION PLAN

WATERFALL

PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 01C.1 |
| OF | SHEETS |




| TABULATION | | |
|---|---|---|
| UPPER LIVING | 3,323 | SF. |
| LOWER LIVING | 3,051 | SF. |
| TOTAL LIVING | 6,374 | SF. |
| GARAGE | 561 | SF. |
| ENTRY | 155 | SF. |
| LANAI | 365 | SF. |
| TOTAL UNDER ROOF | 7,461 | SF. |

GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
3. ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3½" UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7½" UNLESS NOTED OTHERWISE.
5. PULL ALL DIMENSIONS FROM THE REAR OF PLAN.

## FLOOR PLAN W/ DIMENSIONS "A"

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

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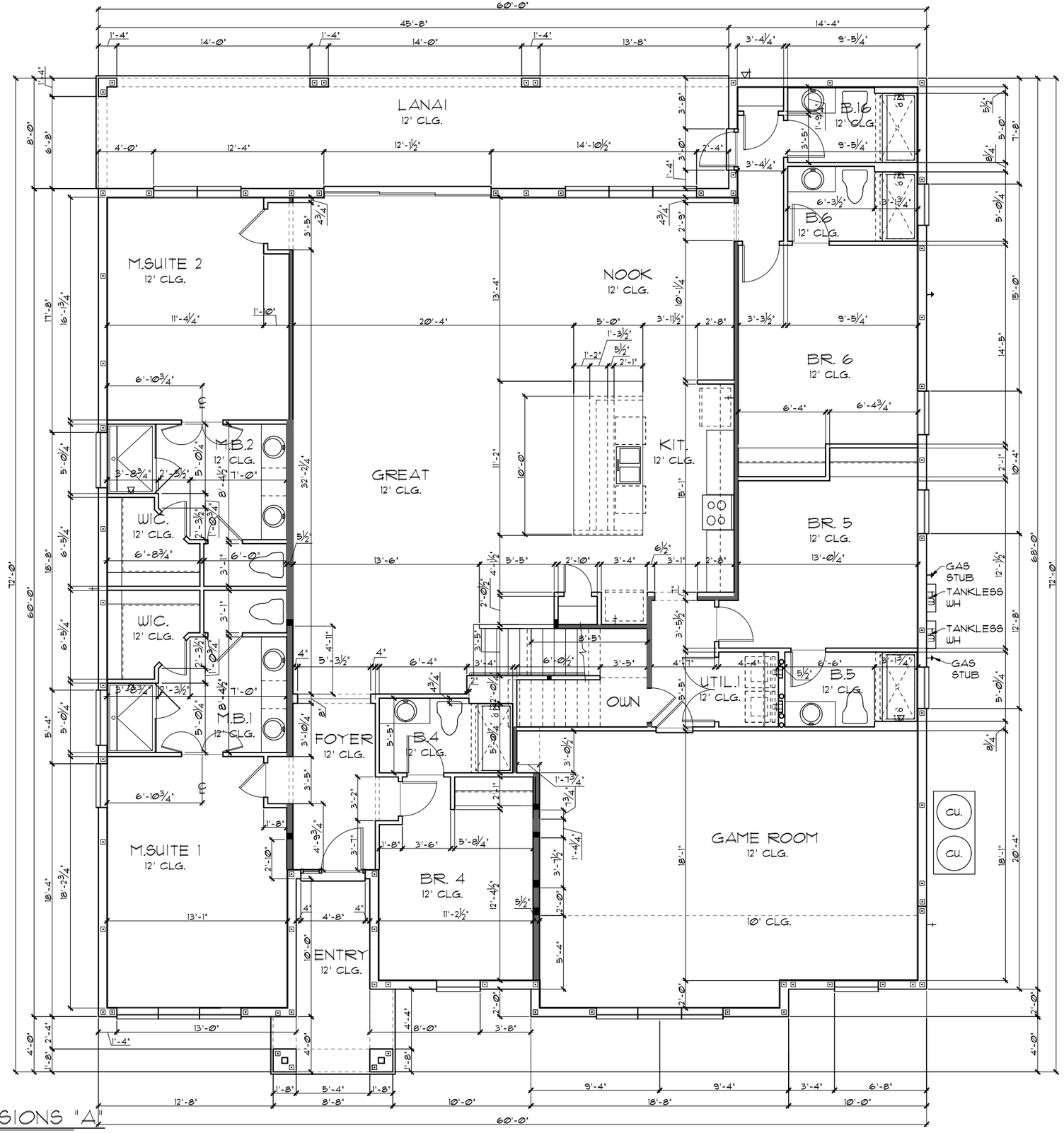
FLOOR PLAN W/ DIMENSIONS

WATERFALL

PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-03-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 02A.0 |
| OF | SHEETS |




| TABULATION | | |
|---|---|---|
| UPPER LIVING | 3,323 | SF. |
| LOWER LIVING | 3,618 | SF. |
| TOTAL LIVING | 6,941 | SF. |
| ENTRY | 91 | SF. |
| LANAI | 365 | SF. |
| TOTAL UNDER ROOF | 7,397 | SF. |

GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
3. ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3½" UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7½" UNLESS NOTED OTHERWISE.
5. PULL ALL DIMENSIONS FROM THE REAR OF PLAN.

## FLOOR PLAN W/ DIMENSIONS "A"

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

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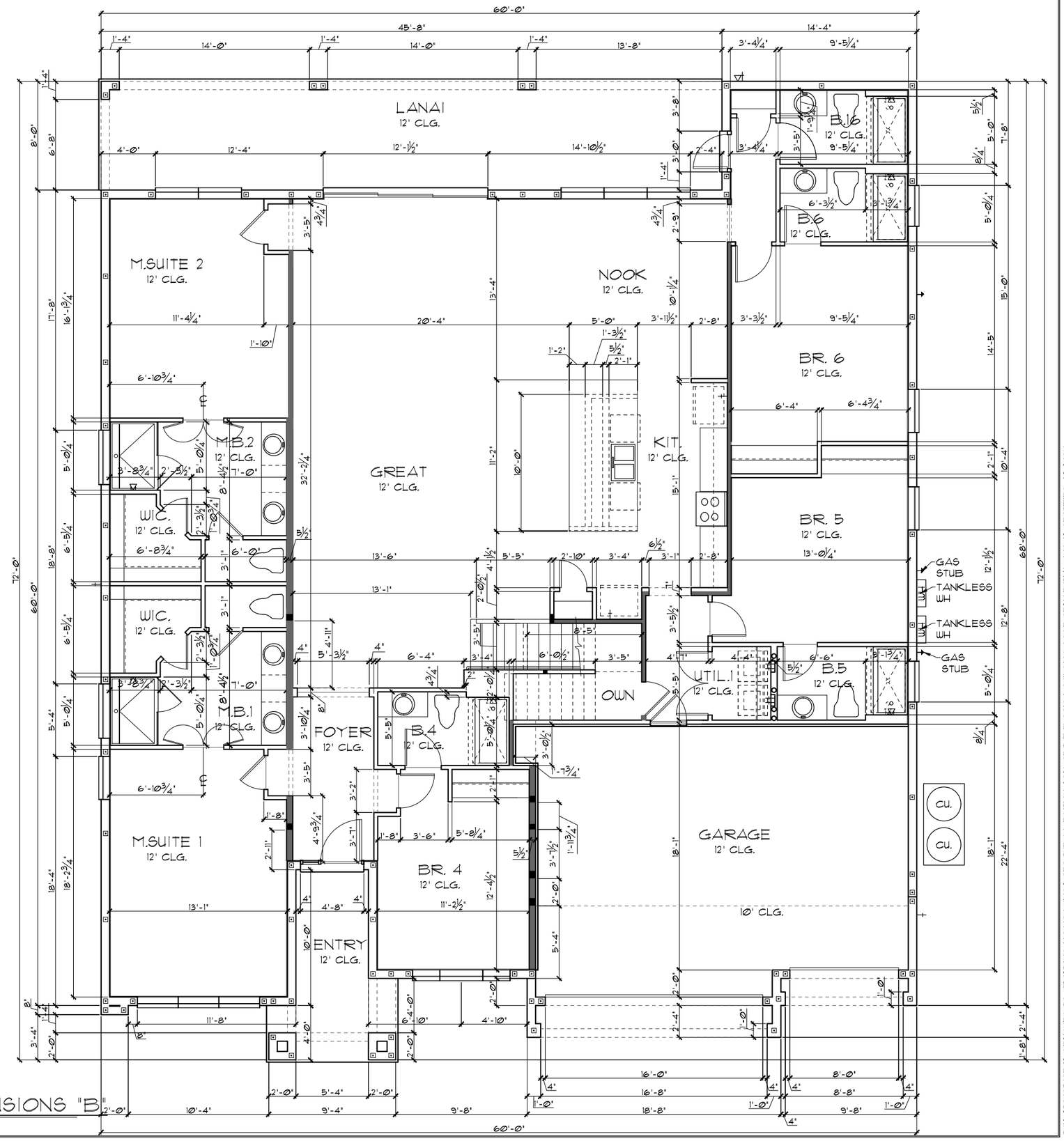
WATERFALL

PARADISO GRANDE

FLOOR PLAN W/ DIMENSIONS

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 02A.1 |
| OF | SHEETS |




| TABULATION | | |
|---|---|---|
| UPPER LIVING | 3,323 | SF. |
| LOWER LIVING | 3,051 | SF. |
| TOTAL LIVING | 6,374 | SF. |
| GARAGE | 567 | SF. |
| ENTRY | 158 | SF. |
| LANAI | 365 | SF. |
| TOTAL UNDER ROOF | 7,464 | SF. |

GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
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4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7½" UNLESS NOTED OTHERWISE.
5. PULL ALL DIMENSIONS FROM THE REAR OF PLAN.

# FLOOR PLAN W/ DIMENSIONS "B"

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

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WATERFALL

PARADISO GRANDE

FLOOR PLAN W/ DIMENSIONS

6374

DATE 04-09-21

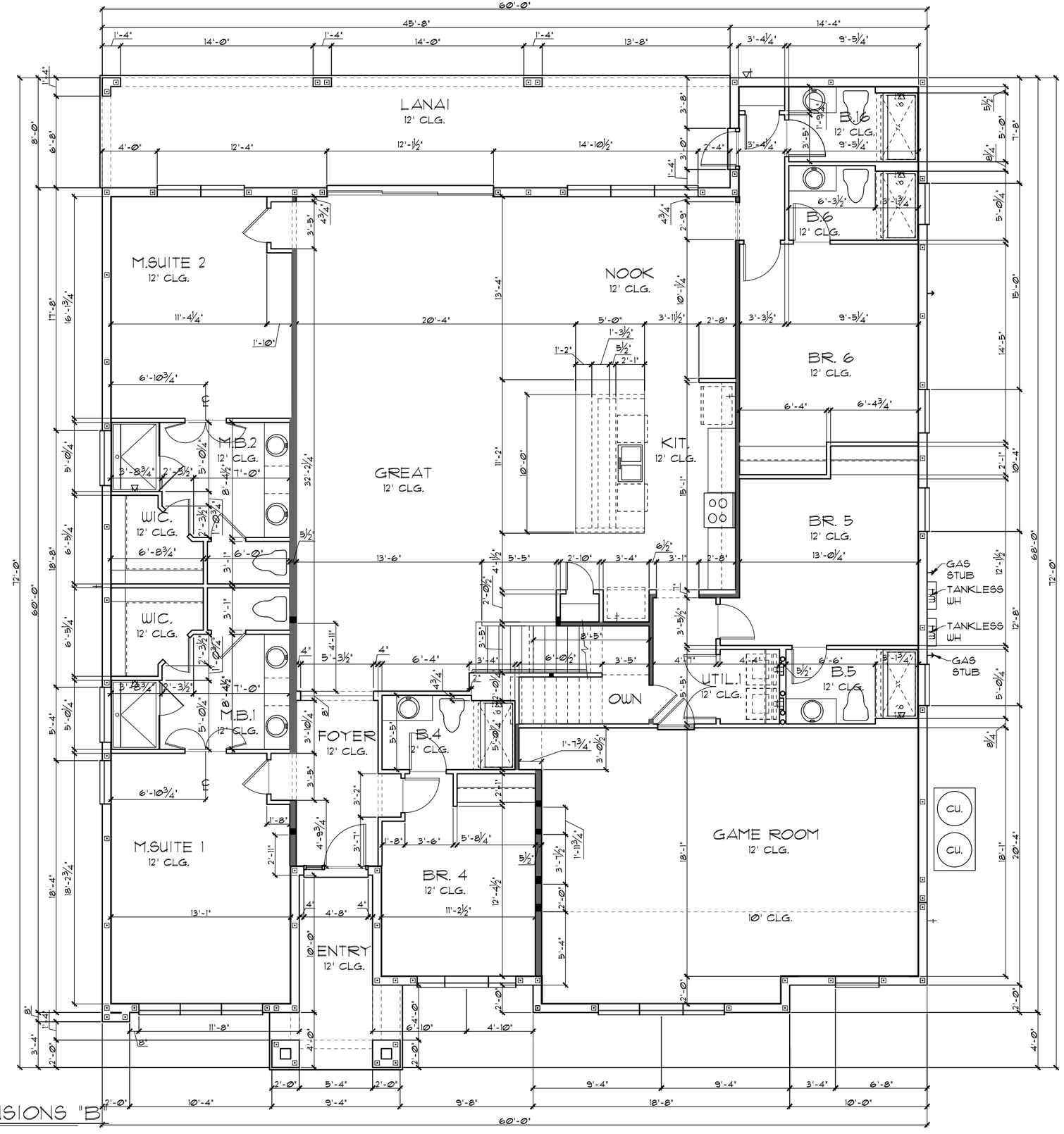
SCALE AS NOTED

DRAWN RDC

JOB 6374

SHEET 02B.0

OF SHEETS




| TABULATION | | |
|---|---|---|
| UPPER LIVING | 3,323 | SF. |
| LOWER LIVING | 3,618 | SF. |
| TOTAL LIVING | 6,941 | SF. |
| ENTRY | 95 | SF. |
| LANAI | 365 | SF. |
| TOTAL UNDER ROOF | 7,401 | SF. |

**GENERAL NOTES**

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## FLOOR PLAN W/ DIMENSIONS "B"

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WATERFALL

PARADISO GRANDE

FLOOR PLAN W/ DIMENSIONS

6374

DATE 04-09-21

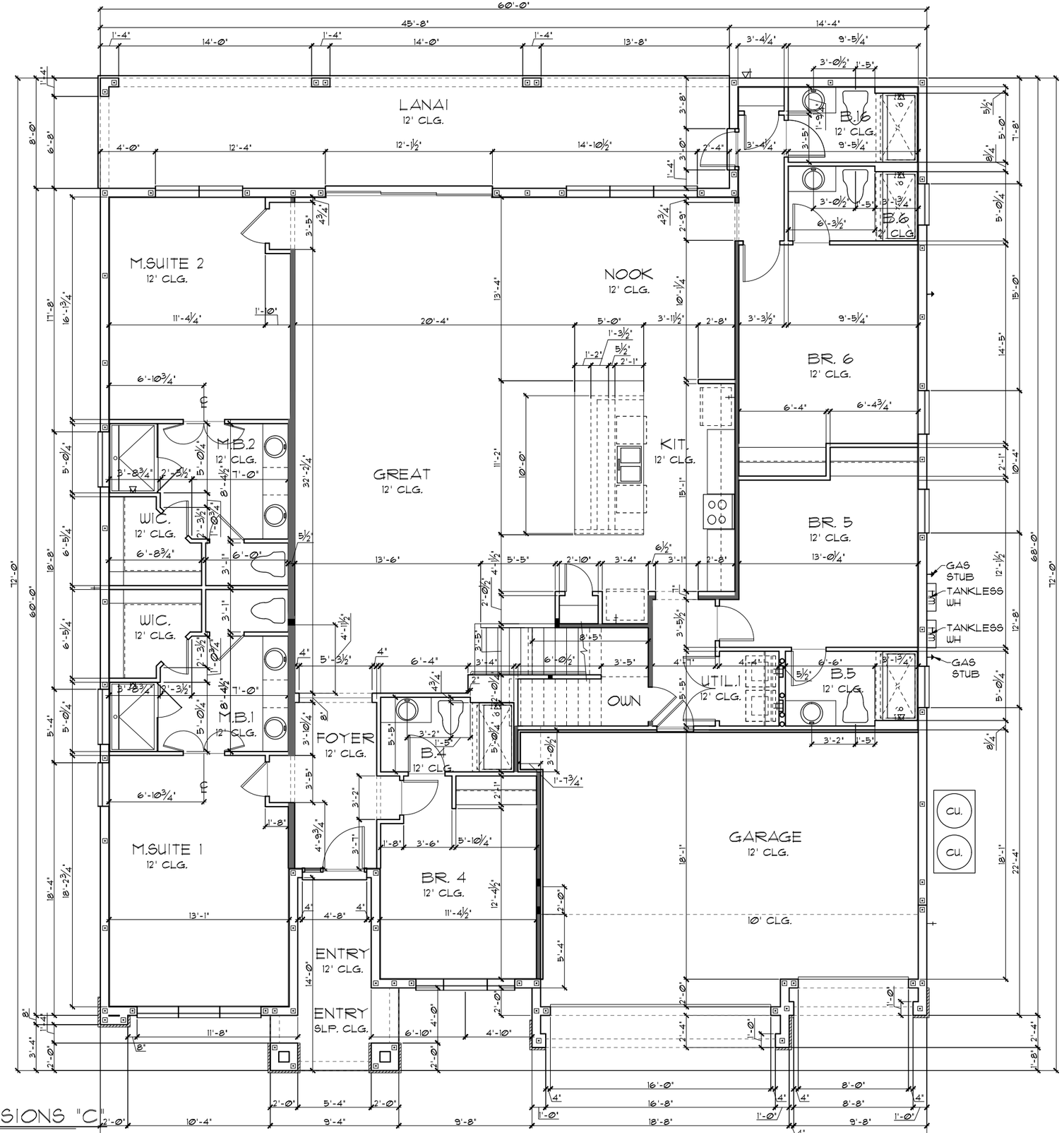
SCALE AS NOTED

DRAWN RDC

JOB 6374

SHEET 02B.1

OF SHEETS




| TABULATION | | |
|---|---|---|
| UPPER LIVING | 3,323 | SF. |
| LOWER LIVING | 3,051 | SF. |
| TOTAL LIVING | 6,374 | SF. |
| GARAGE | 561 | SF. |
| ENTRY | 158 | SF. |
| LANAI | 365 | SF. |
| TOTAL UNDER ROOF | 7,464 | SF. |

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FLOOR PLAN W/ DIMENSIONS

WATERFALL

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DATE 04-09-21

SCALE AS NOTED

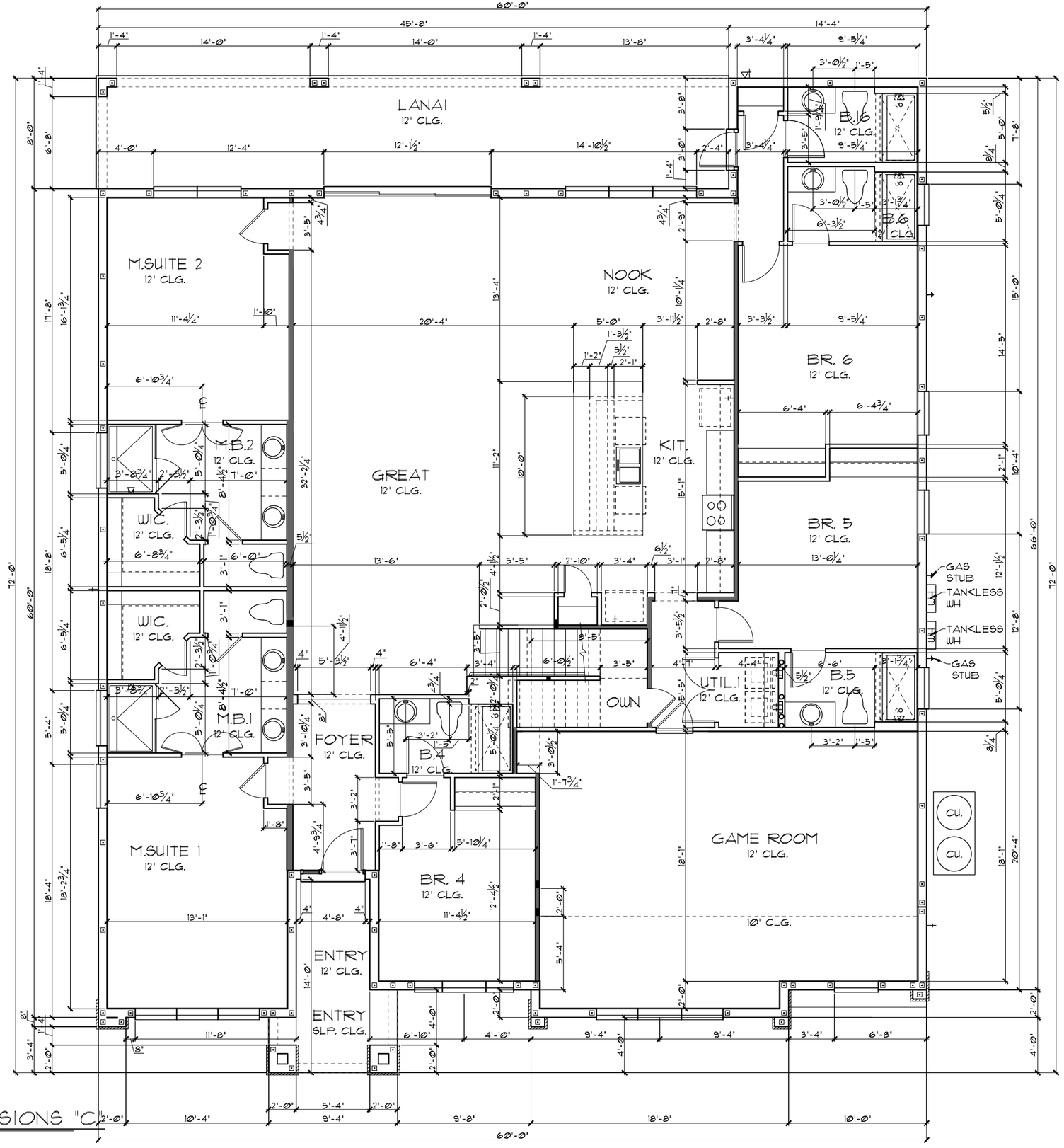
DRAWN RDC

JOB 6374

SHEET

02C.0

OF SHEETS




| TABULATION | | |
|---|---|---|
| UPPER LIVING | 3,323 | SF. |
| LOWER LIVING | 3,618 | SF. |
| TOTAL LIVING | 6,941 | SF. |
| ENTRY | 95 | SF. |
| LANAI | 365 | SF. |
| TOTAL UNDER ROOF | 7,401 | SF. |

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

FLOOR PLAN W/ DIMENSIONS

WATERFALL

PARADISO GRANDE

6374

DATE 04-03-21

SCALE AS NOTED

DRAWN RDC

JOB 6374

SHEET 02C.1

OF SHEETS

## LOAD INFORMATION

PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTAIL CODE

DEAD LOADS

| | | |
|---|---|---|
| FLOOR: | STRUCTURE | 7 PSF |
| | CEILINGS | 3 PSF |
| | MECH/ELEC | 5 PSF |
| | PARTITIONS | 5 PSF |
| | TOTAL | 20 PSF |
| ROOF: | SHEATHING | 5 PSF |
| | STRUCTURE | 7 PSF |
| | CEILINGS | 3 PSF |
| | MECH/ELEC | 5 PSF |
| | TOTAL | 20 PSF |

FLOOR LIVE LOADS

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

ROOF LIVE LOADS

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

| ROOF SLOPE | 0-200 | 201-600 | OVER 600 |
|---|---|---|---|
| Ø: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 RESIDENTAIL CODE

1. BASIC WIND SPEED: 140 MPH
2. RISK CATEGORY II
3. WIND EXPOSURE: B
4. BUILDING TYPE: V B
5. ENCLOSURE +/-.18, INCLUDED CLASSIFICATION INTERNAL IN NOTE #6 PRESSURE COEFFICIENT:
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

1. PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
2. VENT DRYER THRU ROOF.
3. PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
5. MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
6. DENOTES CONC. BLOCK WALL HGT. @ **12'-0" A.F.F.**

   DENOTES CONC. BLOCK WALL HGT. @ **10'-0" A.F.F.**
7. REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
8. REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
9. ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M1307.2
10. ALL INTER. FIRST FLOOR CEILINGS AT **12'-0"** UNLESS NOTED OTHERWISE.

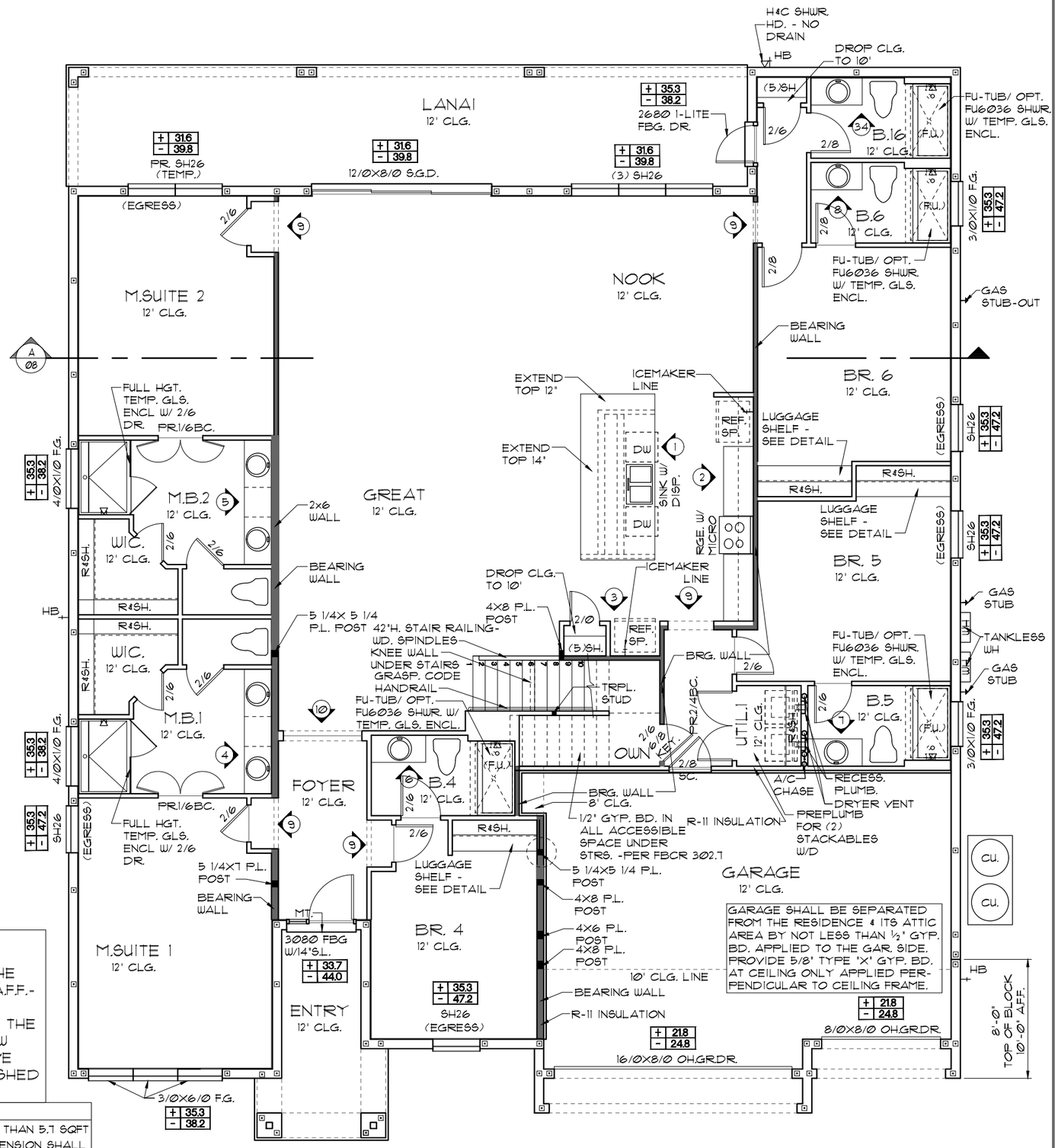
    ALL INTER. SECOND FLOOR CEILINGS AT **9'-0"** UNLESS NOTED OTHERWISE.

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

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

| PER FBC R301- TABLE R301.5 | | |
|---|---|---|
| GUARDRAILS & HANDRAILS | CONC. LOAD | 200 LBS |
| GUARDRAIL IN - FILL COMPONENTS | CONC. LOAD | 50 LBS |
| STAIRS | CONC. LOAD | 300 LBS |
| **PER FBC R312- R312.1.2 & R312.1.3 & R311.7.8.1** | | |
| GUARDRAILS HEIGHT | | 36" MIN. |
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| GUARDRAIL OPENING LIMITATIONS | | 4" IN DIAMETER MAX. |

NOTE: HANDRAIL CONTINUITY PER R311.7.8.2.- HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1 1/2"(38MM) BETWEEN THE WALL AND THE HANDRAIL.




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EERO- R310.2.1- FBCR2023

| | | |
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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

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

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PARADISO GRANDE

LOT: 0000, PARADISO GRANDE

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6374

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| DATE | 04-09-21 |
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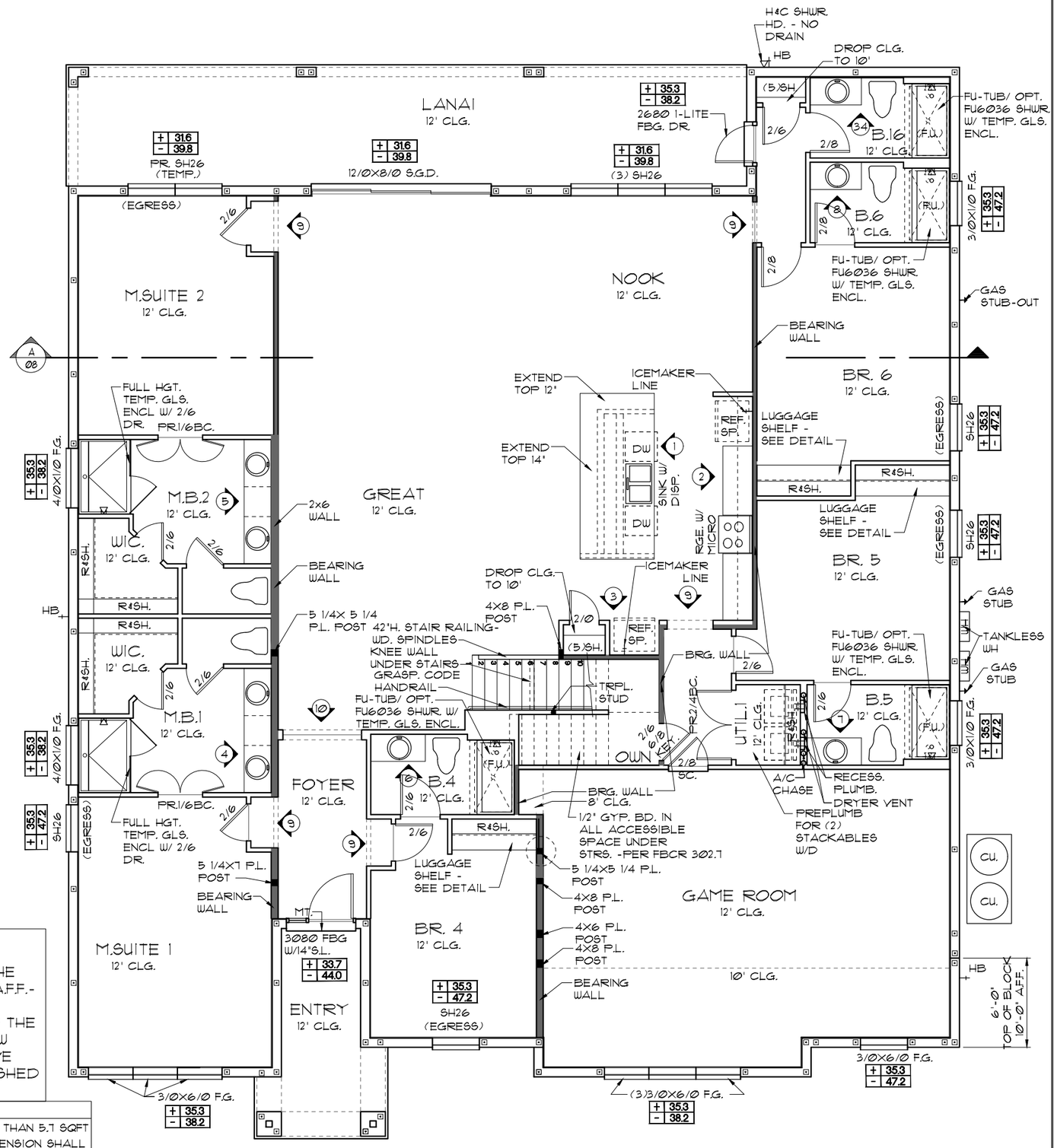
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| | |
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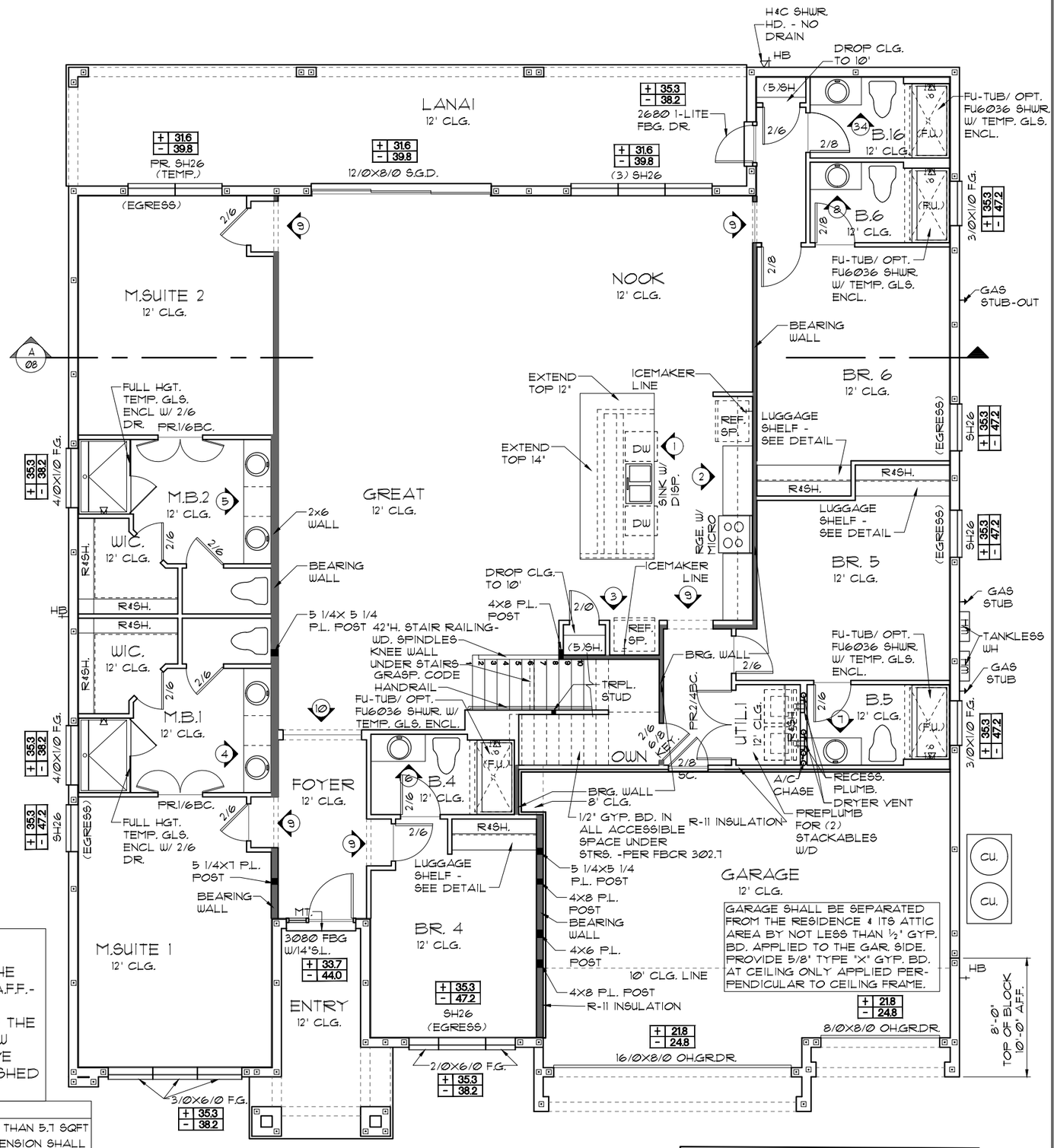
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   DENOTES CONC. BLOCK WALL HGT. @ **10'-0" A.F.F.**
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8. REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
9. ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M1307.2
10. ALL INTER. FIRST FLOOR CEILINGS AT **12'-0"** UNLESS NOTED OTHERWISE.

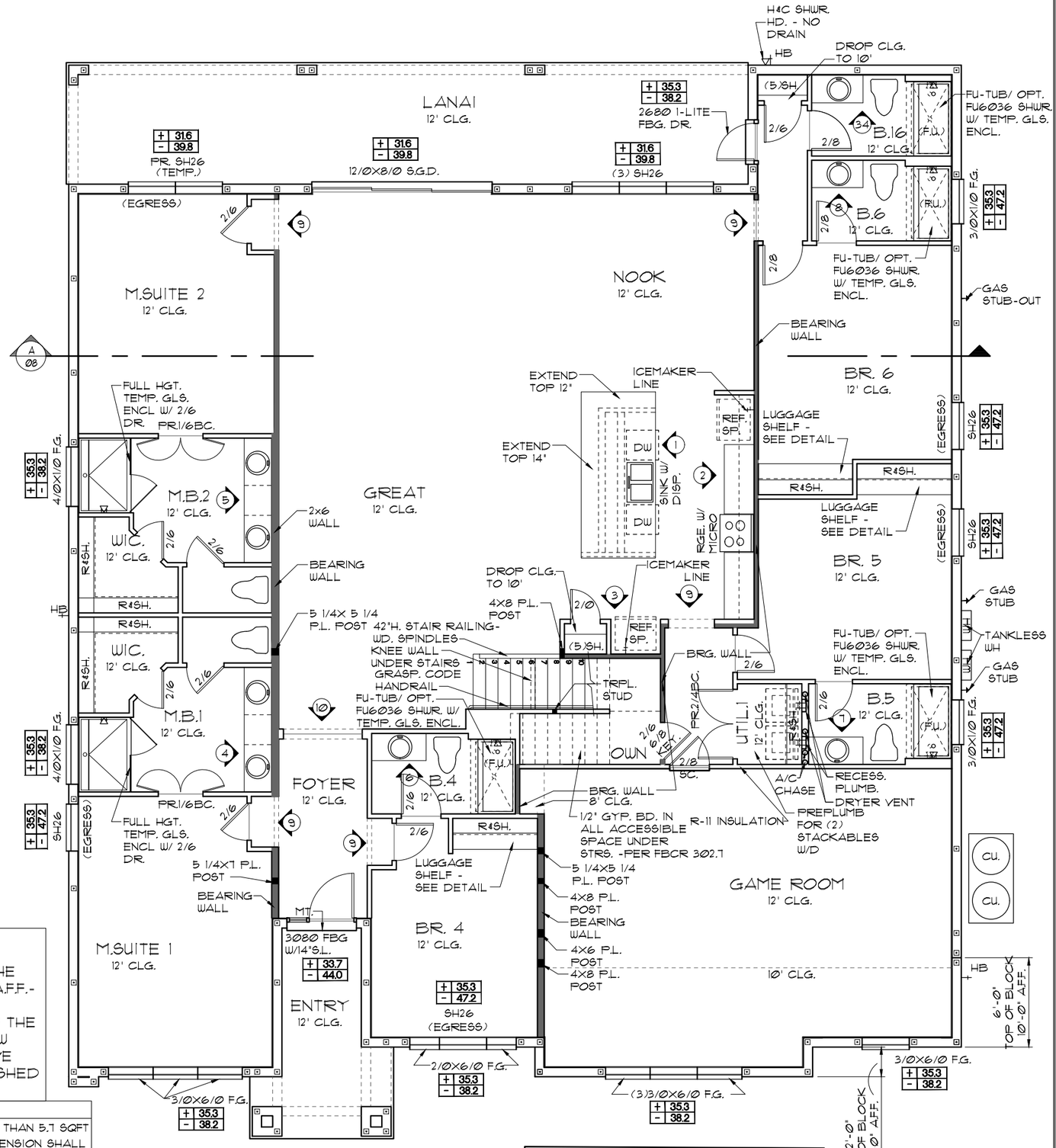
    ALL INTER. SECOND FLOOR CEILINGS AT **9'-0"** UNLESS NOTED OTHERWISE.

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

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

| PER FBC R301- TABLE R301.5 | | |
|---|---|---|
| GUARDRAILS & HANDRAILS | CONC. LOAD | 200 LBS |
| GUARDRAIL IN - FILL COMPONENTS | CONC. LOAD | 50 LBS |
| STAIRS | CONC. LOAD | 300 LBS |
| **PER FBC R312- R312.1.2 & R312.1.3 & R311.7.8.1** | | |
| GUARDRAILS HEIGHT | | 36" MIN. |
| HANDRAIL HEIGHT | | 34" MIN. TO 38"MAX. |
| GUARDRAIL OPENING LIMITATIONS | | 4" IN DIAMETER MAX. |

NOTE: HANDRAIL CONTINUITY PER R311.7.8.2.- HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1 1/2"(38MM) BETWEEN THE WALL AND THE HANDRAIL.




NOTE:
- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT MORE THAN 44"MIN. A.F.F.- 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

EERO- R310.2.1- FBCR2023

| | | |
|---|---|---|
| SH26 | NET CLEAR OPNG. HEIGHT 31 1/8" X NET CLEAR OPNG. WIDTH 33 1/4" = 7.19 SQFT | NET CLEAR OPENING OF NOT LESS THAN 5.7 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- 5 SQFT |
| SH26 | 72" H. X 37 3/4" W. WDW SIZE | |

NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

# FLOOR PLAN W/ NOTES "B"

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

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

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FLOOR PLAN W/ NOTES

WATERFALL
PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 03B.1 |
| OF | SHEETS |

## LOAD INFORMATION

PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTAIL CODE

DEAD LOADS

| | | |
|---|---|---|
| FLOOR: | STRUCTURE | 7 PSF |
| | CEILINGS | 3 PSF |
| | MECH/ELEC | 5 PSF |
| | PARTITIONS | 5 PSF |
| | TOTAL | 20 PSF |
| ROOF: | SHEATHING | 5 PSF |
| | STRUCTURE | 7 PSF |
| | CEILINGS | 3 PSF |
| | MECH/ELEC | 5 PSF |
| | TOTAL | 20 PSF |

FLOOR LIVE LOADS

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

ROOF LIVE LOADS

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

| ROOF SLOPE | 0-200 | 201-600 | OVER 600 |
|---|---|---|---|
| Ø: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 RESIDENTAIL CODE

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

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

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

## GENERAL NOTES

1. PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
2. VENT DRYER THRU ROOF.
3. PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
5. MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
6. DENOTES CONC. BLOCK WALL HGT. @ **12'-0" A.F.F.**

   DENOTES CONC. BLOCK WALL HGT. @ **10'-0" A.F.F.**
7. REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
8. REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
9. ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M1307.2
10. ALL INTER. FIRST FLOOR CEILINGS AT **12'-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

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

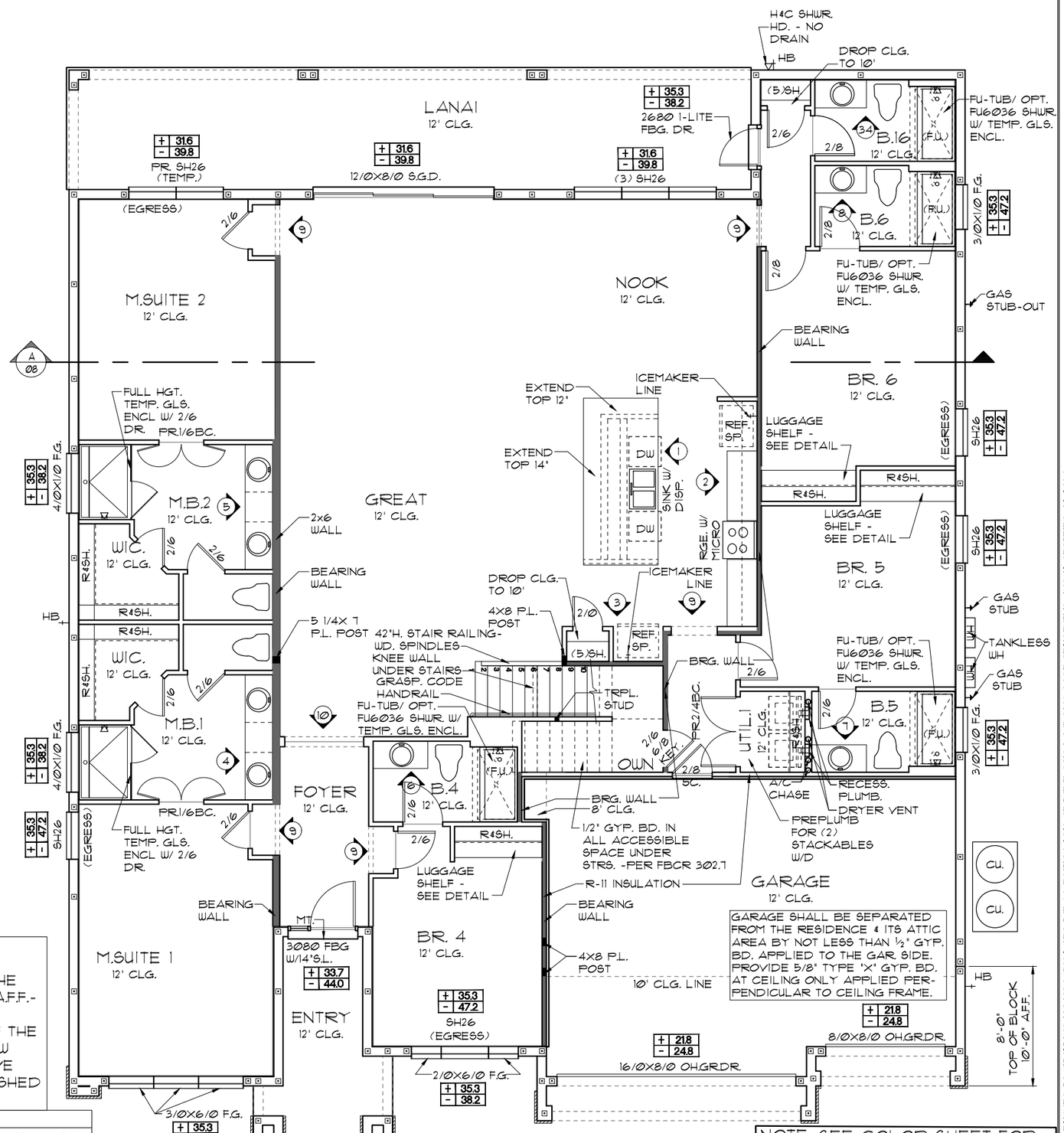
PER FBC R301- TABLE R301.5

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

PER FBC R312- R312.1.2 & R312.1.3 & R311.7.8.1

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

NOTE: HANDRAIL CONTINUITY PER R311.7.8.2.- HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1 1/2"(38MM) BETWEEN THE WALL AND THE HANDRAIL.




## FLOOR PLAN W/ NOTES "C"

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

NOTE:
- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT MORE THAN 44"MIN. A.F.F.- 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

EERO- R310.2.1- FBCR2023

| | | |
|---|---|---|
| SH26 | NET CLEAR OPNG. HEIGHT 31 1/8" X NET CLEAR OPNG. WIDTH 33 1/4" = 7.19 SQFT | NET CLEAR OPENING OF NOT LESS THAN 5.7 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- 5 SQFT |
| SH26 | 72" H. X 37 3/4" W. WDW SIZE | |

NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

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

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FLOOR PLAN W/ NOTES

WATERFALL

PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 03C.0 |
| OF | SHEETS |

## LOAD INFORMATION

PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTAIL CODE

DEAD LOADS

| | | |
|---|---|---|
| FLOOR: | STRUCTURE | 7 PSF |
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| | MECH/ELEC | 5 PSF |
| | PARTITIONS | 5 PSF |
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MINIMUM ROOF LIVE LOAD (PSF)
TRIBUTARY LOADED AREA (SQ. FT.)
FOR ANY STRUCTURAL MEMBER

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

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PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTAIL CODE

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3. WIND EXPOSURE: B
4. BUILDING TYPE: V B
5. ENCLOSURE +/-.18, INCLUDED CLASSIFICATION INTERNAL PRESSURE COEFFICIENT: IN NOTE *6
6. COMPONENT / CLADDING SEE PLAN DESIGN WIND PRESSURE:

| | |
|---|---|
| + XXX | DESIGN WIND PRESSURE IAW FLA |
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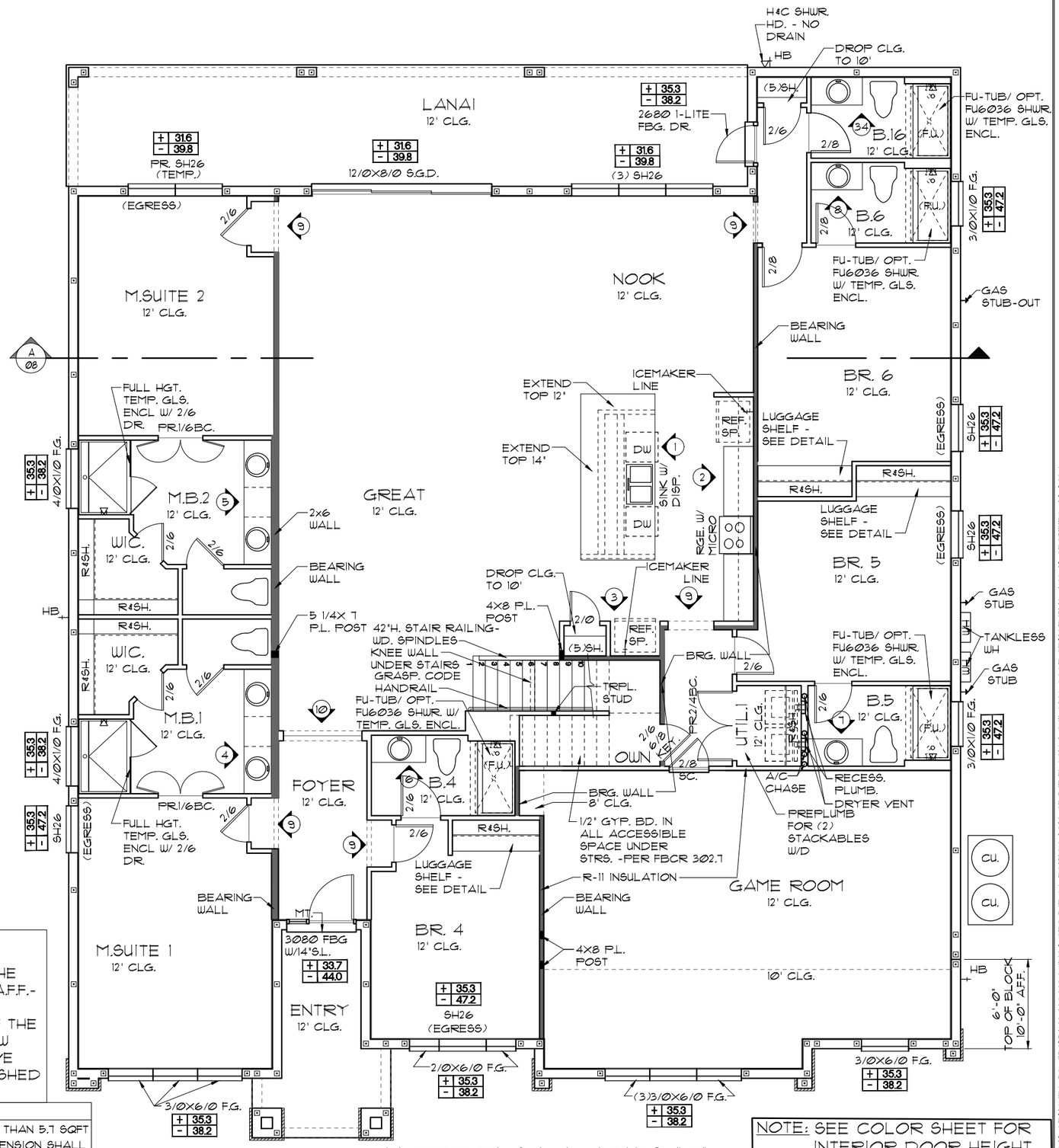
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## FLOOR PLAN W/ NOTES "C"

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

NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

NOTE:

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EERO- R310.2.1- FBCR2023

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| SH26 | 72" H. X 37 3/4" W. WDW SIZE | |

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FLOOR PLAN W/ NOTES

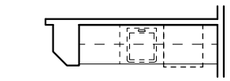
WATERFALL

PARADISO GRANDE

6374

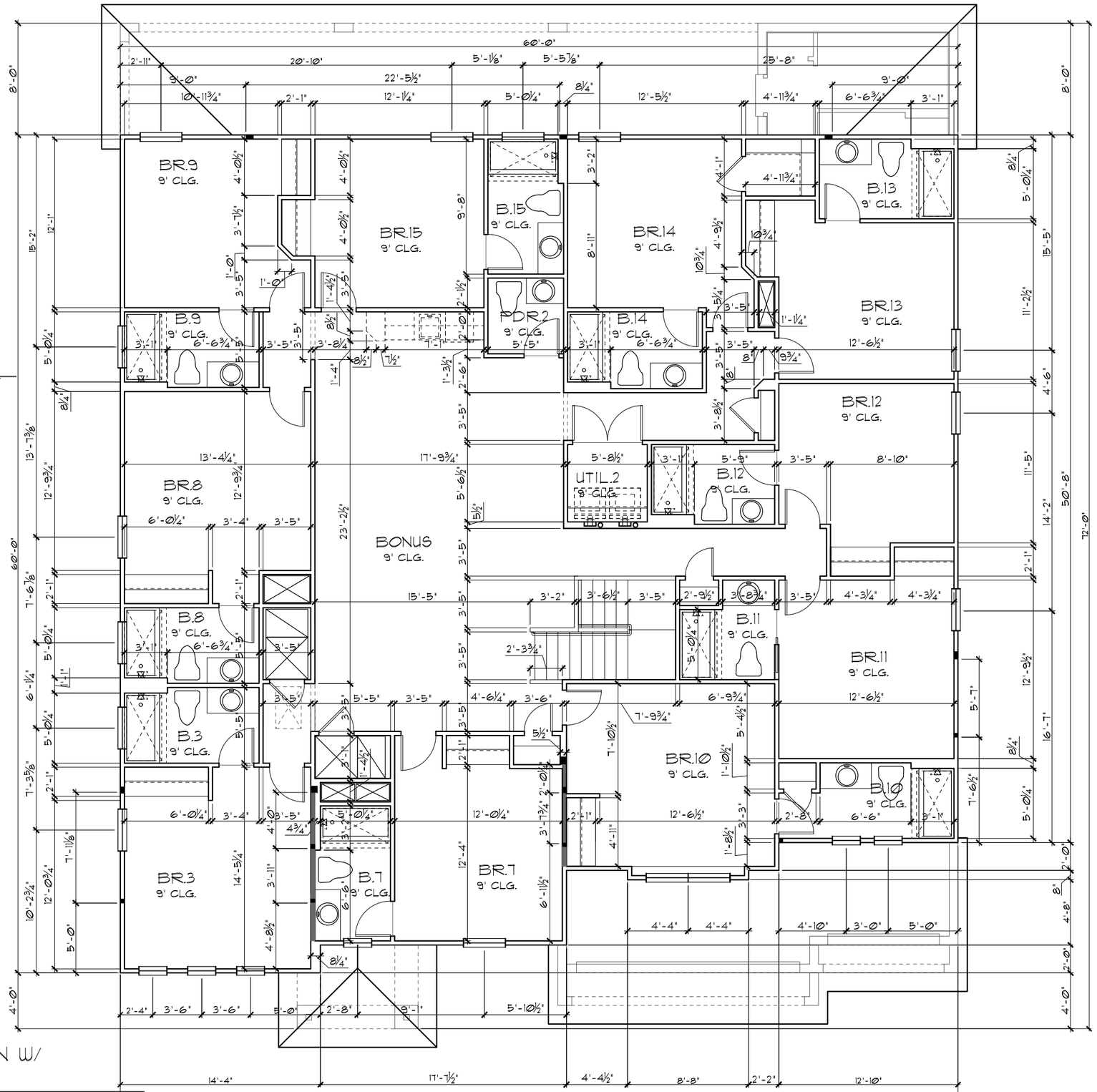
| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 03C.1 |
| OF | SHEETS |

NOTE : THESE PLANS ONLY HAVE 1 POWDER BATH LABELED PDR. #2



WET BAR OPT.

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




UPPER FLOOR PLAN W/ DIMENSIONS "A"

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

GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
3. ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3½" UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7½" 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.

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

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UPPER FLOOR PLAN W/ DIMENSIONS

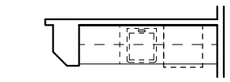
WATERFALL

PARADISO GRANDE

6374

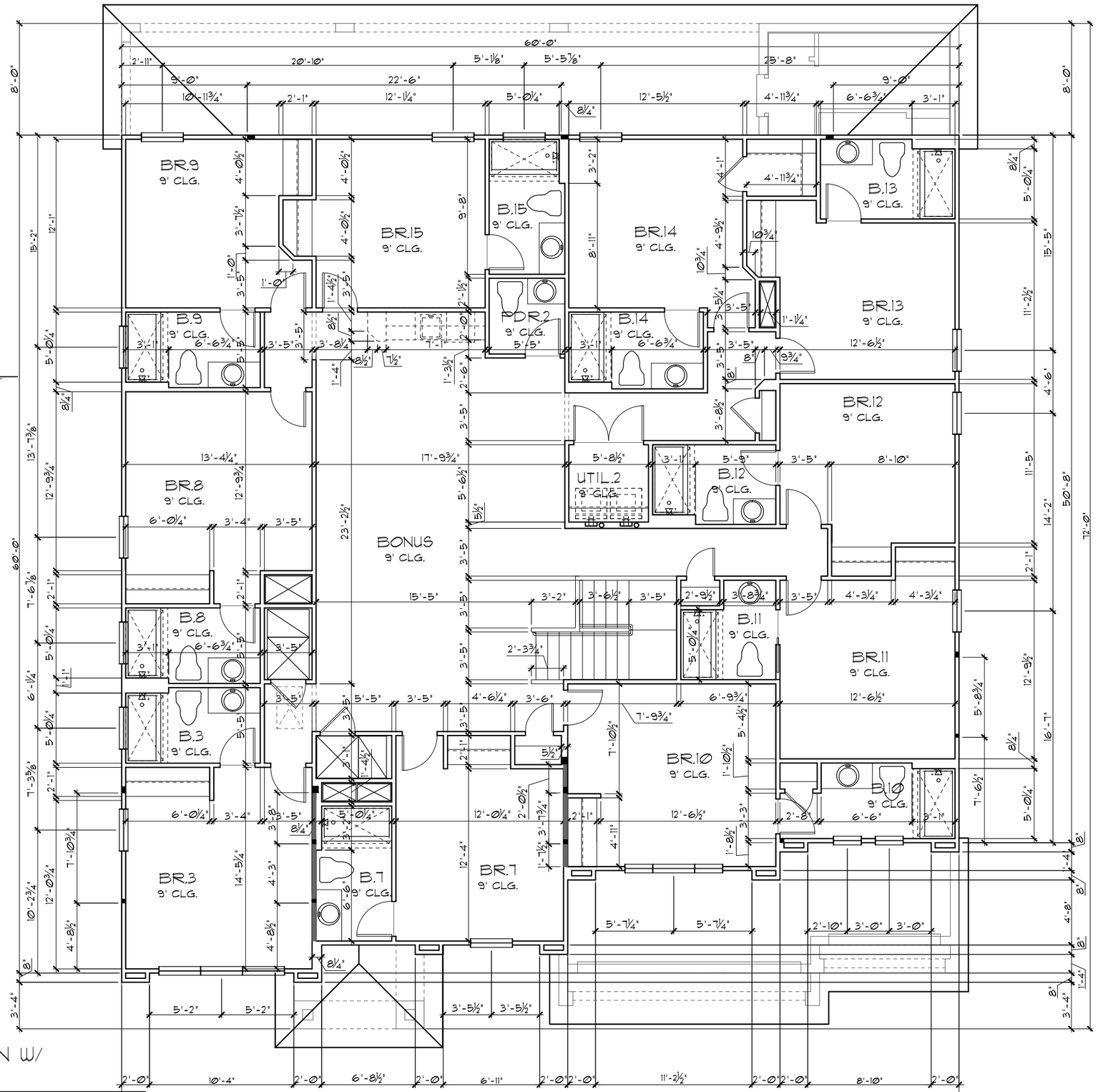
| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 04A.0 |
| OF | SHEETS |

NOTE : THESE PLANS ONLY HAVE 1 POWDER BATH LABELED PDR. #2



WET BAR OPT.

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




UPPER FLOOR PLAN W/ DIMENSIONS "B"

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

GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
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UPPER FLOOR PLAN W/ DIMENSIONS

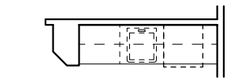
WATERFALL

PARADISO GRANDE

6374

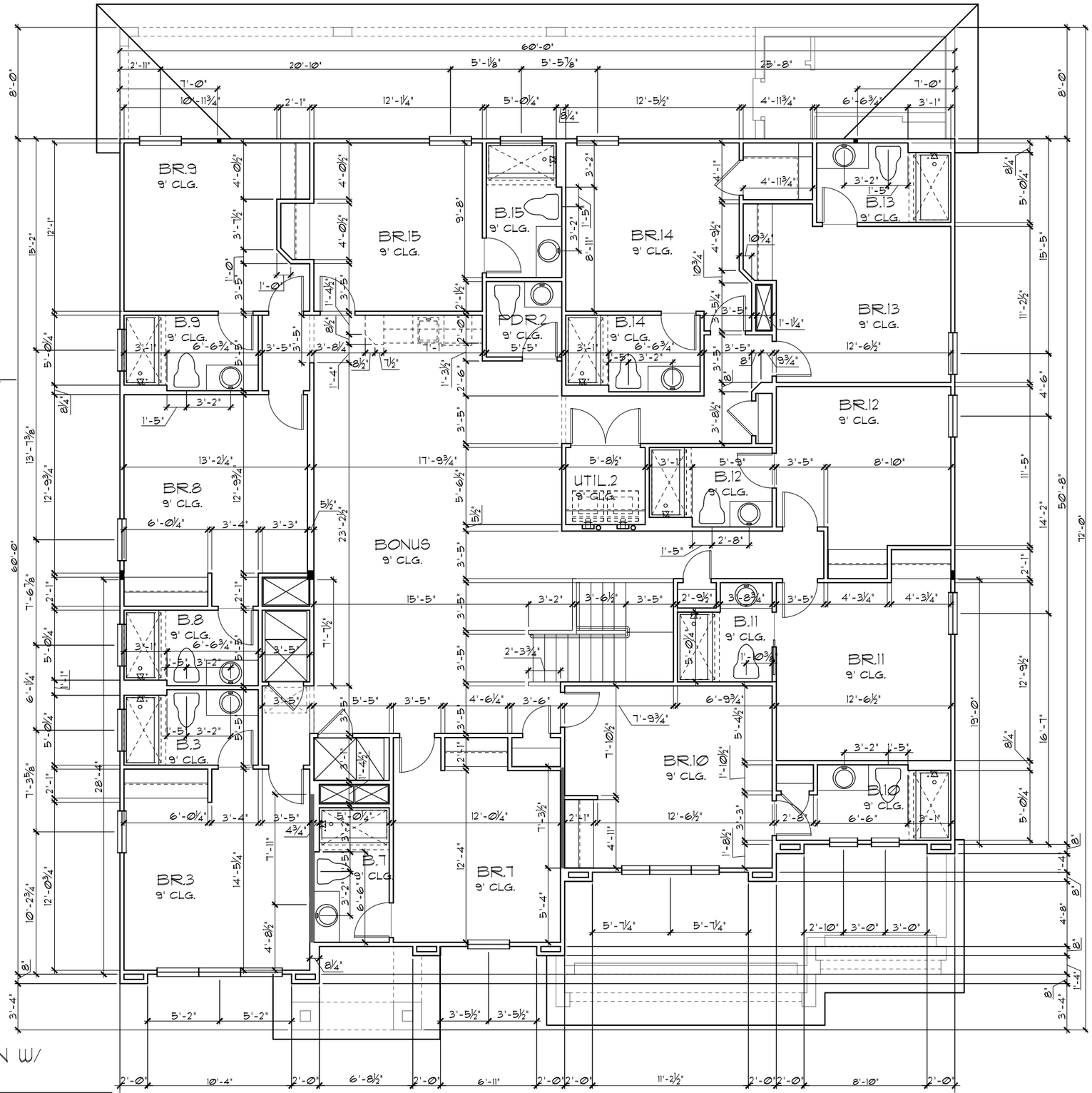
| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 04B.0 |
| OF | SHEETS |

NOTE : THESE PLANS ONLY HAVE 1 POWDER BATH LABELED PDR. #2



WET BAR OPT.

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




UPPER FLOOR PLAN W/ DIMENSIONS "C"

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

GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
3. ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3½" UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7½" 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.

PARADISO GRANDE

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

LOT: 0000, PARADISO GRANDE

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

UPPER FLOOR PLAN W/ DIMENSIONS

WATERFALL

PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | A4C.0 |
| OF | SHEETS |

## LOAD INFORMATION

PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTAIL CODE

DEAD LOADS

| | | |
|---|---|---|
| FLOOR: | STRUCTURE | 7 PSF |
| | CEILINGS | 3 PSF |
| | MECH/ELEC | 5 PSF |
| | PARTITIONS | 5 PSF |
| | TOTAL | 20 PSF |
| ROOF: | SHEATHING | 5 PSF |
| | STRUCTURE | 7 PSF |
| | CEILINGS | 3 PSF |
| | MECH/ELEC | 5 PSF |
| | TOTAL | 20 PSF |

FLOOR LIVE LOADS

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

ROOF LIVE LOADS

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

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

## WIND INFORMATION

PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTAIL CODE

1. BASIC WIND SPEED: ---------- 140 MPH
2. RISK CATEGORY ---------- II
3. WIND EXPOSURE: ---------- B
4. BUILDING TYPE: ---------- V B
5. ENCLOSURE CLASSIFICATION -- +/-.18, INCLUDED INTERNAL PRESSURE COEFFICIENT: IN NOTE #6
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

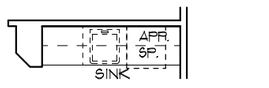
1. PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
2. VENT DRYER THRU ROOF.
3. PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.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

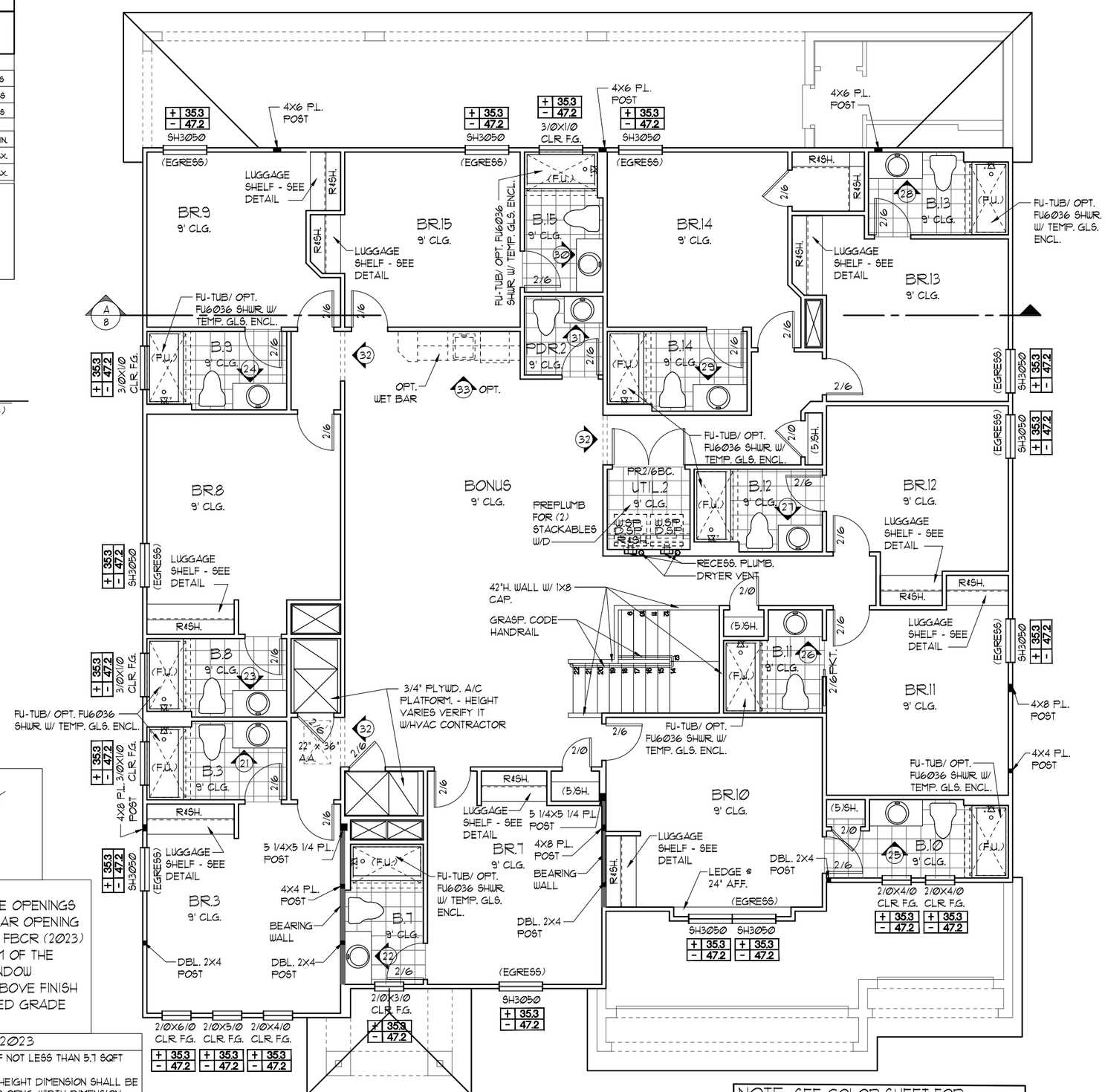
NOTE: TEMPERED GLAZING IS REQUIRED AT ALL HAZARDOUS LOCATIONS AS DEFINED IN FBC R308.4

| PER FBC R301- TABLE R301.5 | | |
|---|---|---|
| GUARDRAILS & HANDRAILS | CONC. LOAD | 200 LBS |
| GUARDRAIL IN - FILL COMPONENTS | CONC. LOAD | 50 LBS |
| STAIRS | CONC. LOAD | 300 LBS |
| PER FBC R312- R312.1.2 & R312.1.3 & R311.7.8.1 | | |
| GUARDRAILS HEIGHT | | 36" MIN. |
| HANDRAIL HEIGHT | | 34" MIN. TO 38"MAX. |
| GUARDRAIL OPENING LIMITATIONS | | 4" IN DIAMETER MAX. |

NOTE: HANDRAIL CONTINUITY PER R311.7.8.2.- HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1 1/2"(38MM) BETWEEN THE WALL AND THE HANDRAIL.




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




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

NOTE : THESE PLANS ONLY HAVE 1 POWDER BATH LABELED PDR. #2

NOTE:
- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT MORE THAN 44"MIN. A.F.F.- 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

| EERO- R310.2.1- FBCR2023 | | |
|---|---|---|
| SH3050 | NET CLEAR OPNG. HEIGHT 33 1/2" X NET CLEAR OPNG. WIDTH 30" = 6.975 SQFT | NET CLEAR OPENING OF NOT LESS THAN 5.7 SQFT<br>MIN. NET CLEAR OPNG. HEIGHT DIMENSION SHALL BE 24". THE MIN. NET CLEAR OPNG. WIDTH DIMENSION SHALL BE 20".<br>MIN. NET CLEAR OPNG. FOR GRADE-FLOOR EMERGENCY ESCAPE AND RESCUE OPNG. SHALL BE- 5 SQFT |
| SH3050 | 60 1/8" H. X 35 3/4" W. WDW SIZE | |

NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

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

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PARADISO GRANDE

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Phone (407) 529 - 3000

FLOOR PLAN W/ NOTES

WATERFALL
PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 05A.0 |
| OF | SHEETS |

## LOAD INFORMATION

PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTAIL CODE

DEAD LOADS

| | | |
|---|---|---|
| FLOOR: | STRUCTURE | 7 PSF |
| | CEILINGS | 3 PSF |
| | MECH/ELEC | 5 PSF |
| | PARTITIONS | 5 PSF |
| | TOTAL | 20 PSF |
| ROOF: | SHEATHING | 5 PSF |
| | STRUCTURE | 7 PSF |
| | CEILINGS | 3 PSF |
| | MECH/ELEC | 5 PSF |
| | TOTAL | 20 PSF |

FLOOR LIVE LOADS

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

ROOF LIVE LOADS

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

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

## WIND INFORMATION

PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTAIL CODE

1. BASIC WIND SPEED: 140 MPH
2. RISK CATEGORY II
3. WIND EXPOSURE: B
4. BUILDING TYPE: V B
5. ENCLOSURE CLASSIFICATION -- +/-.18, INCLUDED INTERNAL PRESSURE COEFFICIENT: IN NOTE #6
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

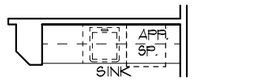
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NOTE: 1. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20MIN. FIRE RATED IAW R302.5.1

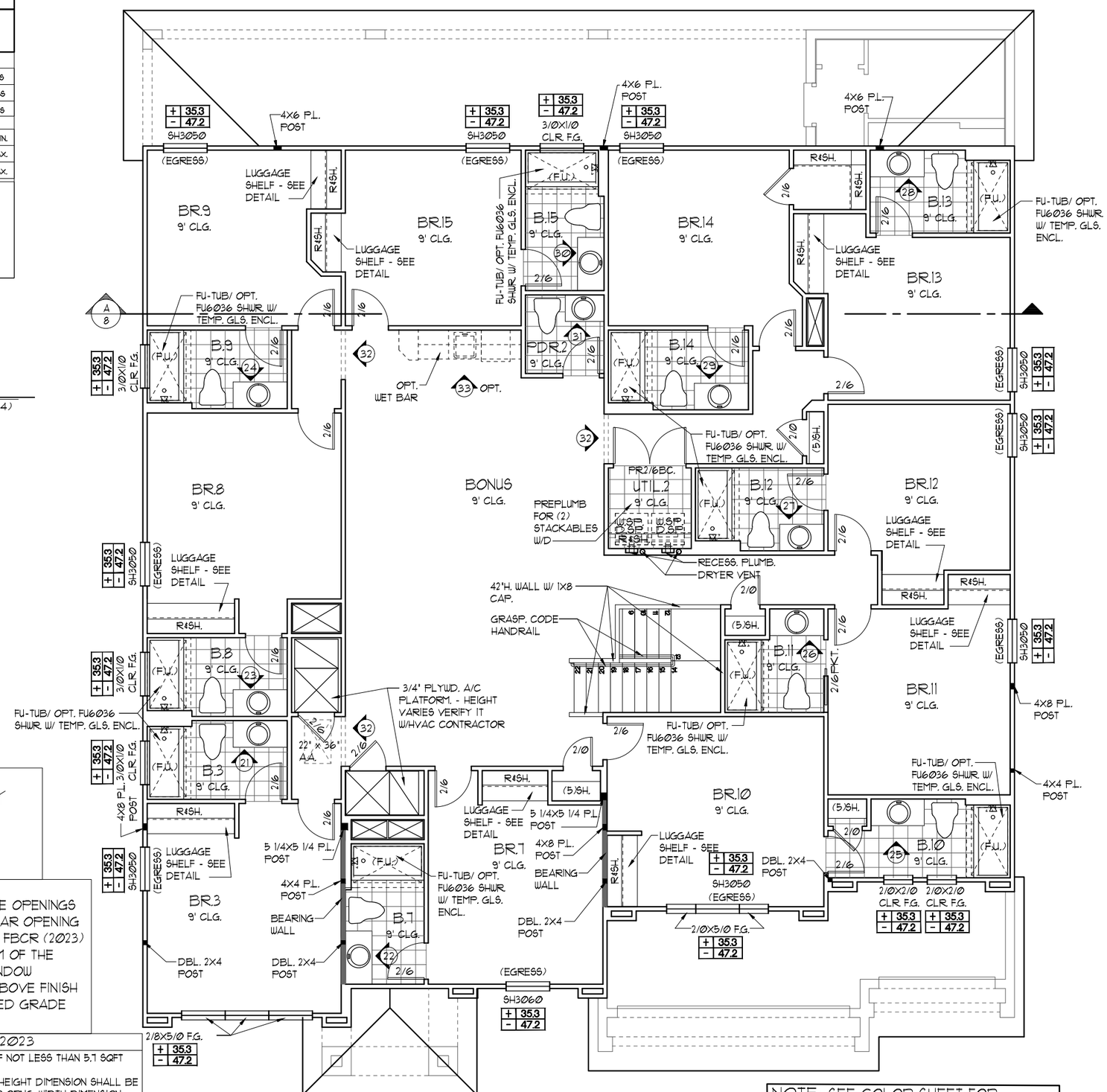
NOTE: TEMPERED GLAZING IS REQUIRED AT ALL HAZARDOUS LOCATIONS AS DEFINED IN FBC R308.4

| PER FBC R301- TABLE R301.5 | | |
|---|---|---|
| GUARDRAILS & HANDRAILS | CONC. LOAD | 200 LBS |
| GUARDRAIL IN - FILL COMPONENTS | CONC. LOAD | 50 LBS |
| STAIRS | CONC. LOAD | 300 LBS |
| PER FBC R312- R312.1.2 & R312.1.3 & R311.7.8.1 | | |
| GUARDRAILS HEIGHT | | 36" MIN. |
| HANDRAIL HEIGHT | | 34" MIN. TO 38"MAX. |
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NOTE: HANDRAIL CONTINUITY PER R311.7.8.2.- HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1 1/2"(38MM) BETWEEN THE WALL AND THE HANDRAIL.




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




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

NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

NOTE : THESE PLANS ONLY HAVE 1 POWDER BATH LABELED PDR. #2

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EERO- R310.2.1- FBCR2023

| | | |
|---|---|---|
| SH3050 | NET CLEAR OPNG. HEIGHT 33 1/2" X NET CLEAR OPNG. WIDTH 30" = 6.975 SQFT | NET CLEAR OPENING OF NOT LESS THAN 5.7 SQFT<br>MIN. NET CLEAR OPNG. HEIGHT DIMENSION SHALL BE 24". THE MIN. NET CLEAR OPNG. WIDTH DIMENSION SHALL BE 20".<br>MIN. NET CLEAR OPNG. FOR GRADE-FLOOR EMERGENCY ESCAPE AND RESCUE OPNG. SHALL BE- 5 SQFT |
| SH3050 | 60 1/8" H. X 35 3/4" W. WDW SIZE | |

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FLOOR PLAN W/ NOTES

WATERFALL
PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 05B.0 |
| OF | SHEETS |

## LOAD INFORMATION

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DEAD LOADS

| | | |
|---|---|---|
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| | |
|---|---|
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| SLEEPING ROOM: | 30 PSF |
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| | |
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## GENERAL NOTES

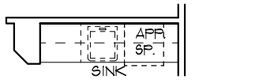
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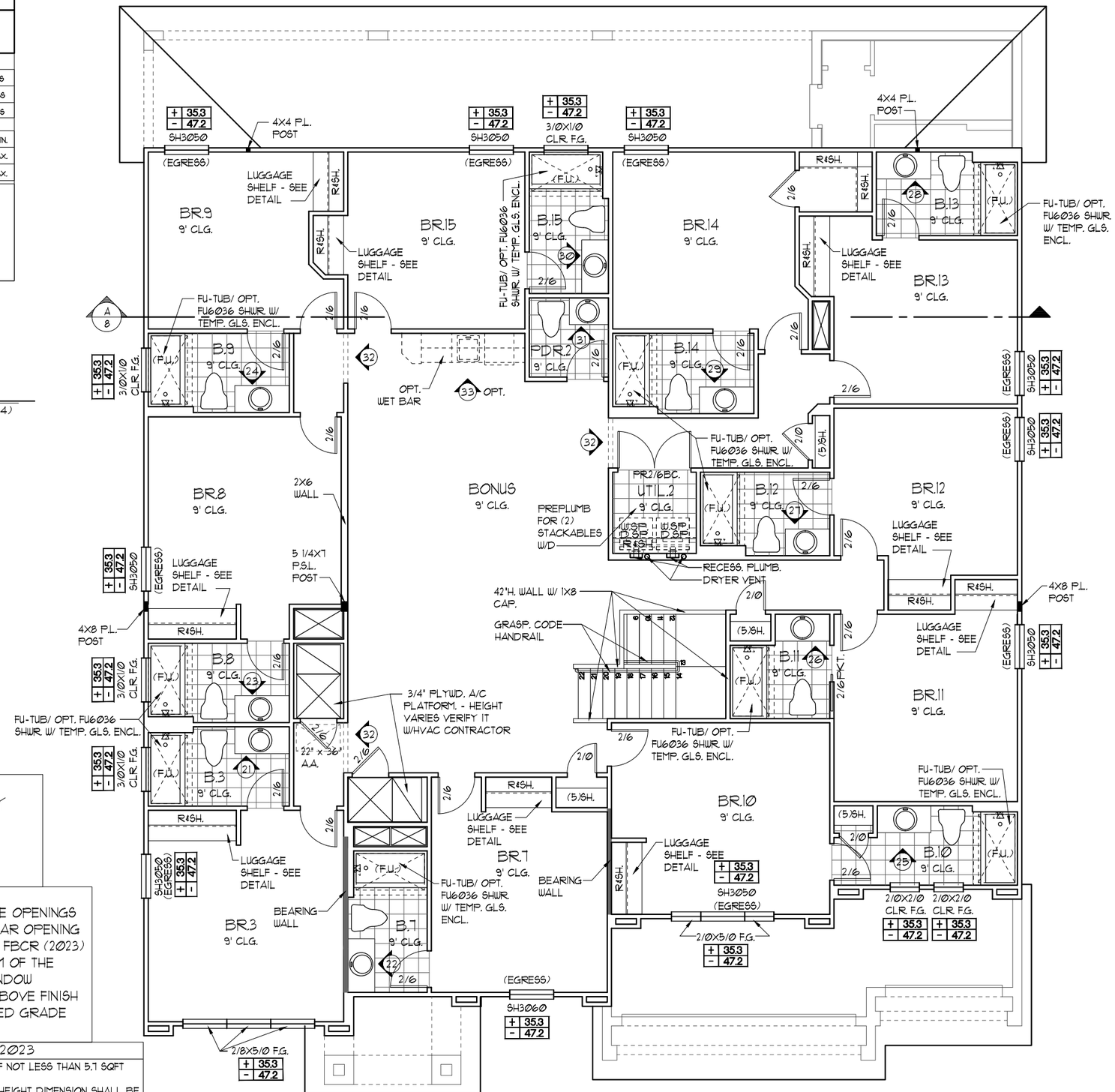
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| HANDRAIL HEIGHT | | 34" MIN. TO 38"MAX. |
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WET BAR OPT.
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)




NOTE : THESE PLANS ONLY HAVE 1 POWDER BATH LABELED PDR. #2

NOTE:
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EERO- R310.2.1- FBCR2023

| | | |
|---|---|---|
| SH3050 | NET CLEAR OPNG. HEIGHT 33 1/2" X NET CLEAR OPNG. WIDTH 30" = 6.975 SQFT | NET CLEAR OPENING OF NOT LESS THAN 5.7 SQFT<br>MIN. NET CLEAR OPNG. HEIGHT DIMENSION SHALL BE 24". THE MIN. NET CLEAR OPNG. WIDTH DIMENSION SHALL BE 20".<br>MIN. NET CLEAR OPNG. FOR GRADE-FLOOR EMERGENCY ESCAPE AND RESCUE OPNG. SHALL BE- 5 SQFT |
| SH3050 | 60 1/8" H. X 35 3/4" W. WDW SIZE | |

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

NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

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

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FLOOR PLAN W/ NOTES

WATERFALL
PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 05C.0 |
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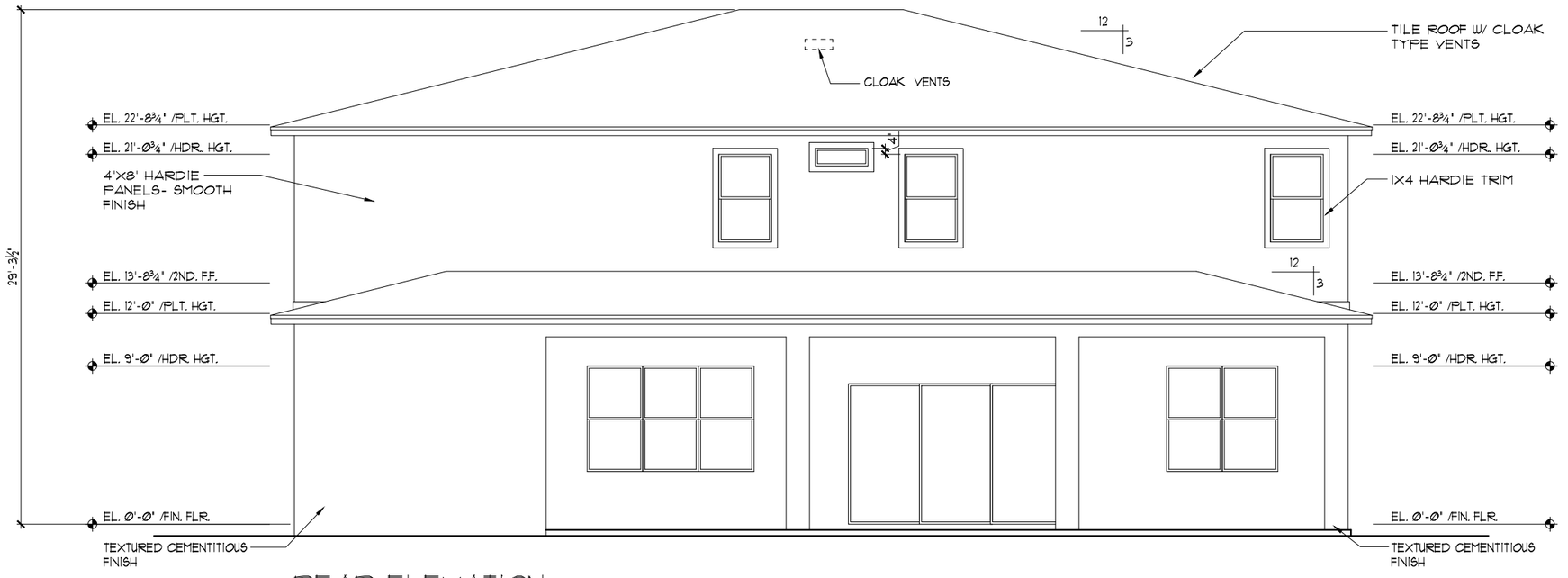



## FRONT ELEVATION "A"

1/8"=1'-Ø" (11X17) 1/4"=1'-Ø" (22X34)

## EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R703.7.1 OF THE 8TH EDITION, FBCR. 2023
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## REAR ELEVATION

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EXTERIOR ELEVATION "A" FRONT AND REAR

WATERFALL

PARADISO GRANDE

6374

| | |
|---|---|
| DATE | Ø4-Ø8-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 06A.0 |
| OF | SHEETS |




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1/8"=1'-Ø" (11X17) 1/4"=1'-Ø" (22X34)

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EXTERIOR ELEVATION "A" FRONT AND REAR

WATERFALL

PARADISO GRANDE

6374

| | |
|---|---|
| DATE | Ø4-Ø8-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
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| SHEET | 06A.1 |
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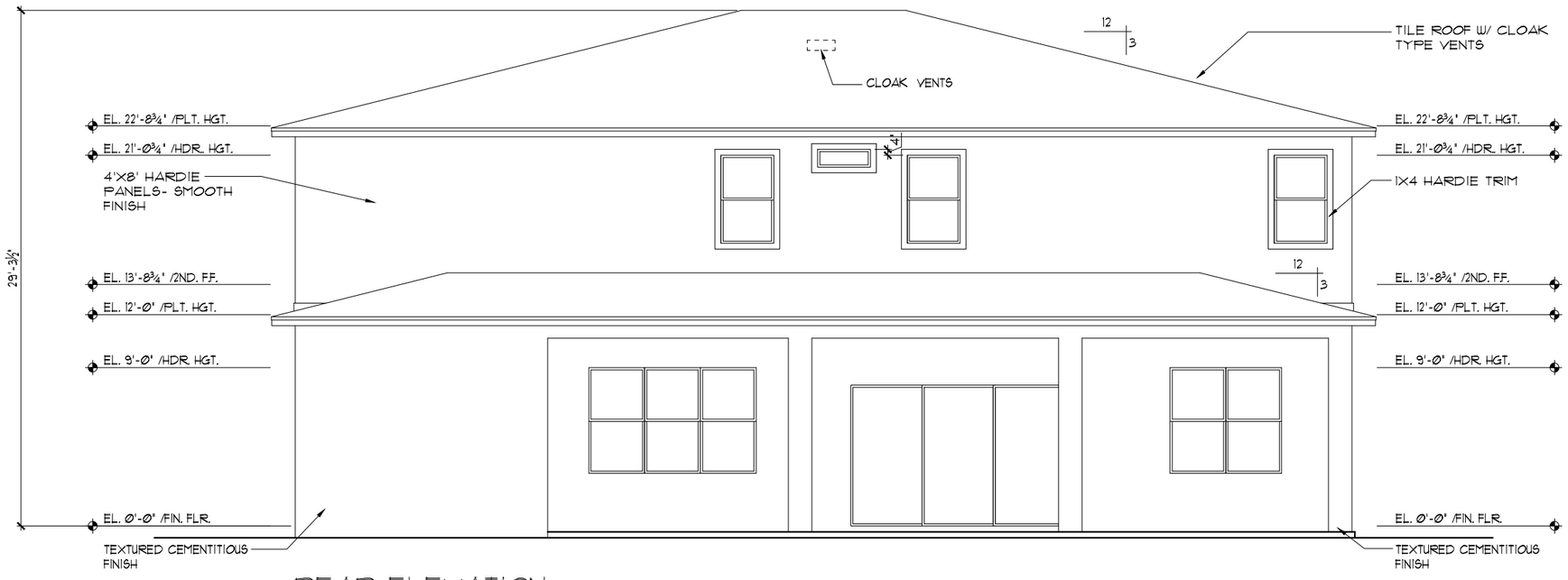



FRONT ELEVATION "B"

1/8"=1'-Ø" (11X17) 1/4"=1'-Ø" (22X34)

## EXTERIOR FINISH NOTES

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EXTERIOR ELEVATION "B" FRONT AND REAR

WATERFALL

PARADISO GRANDE

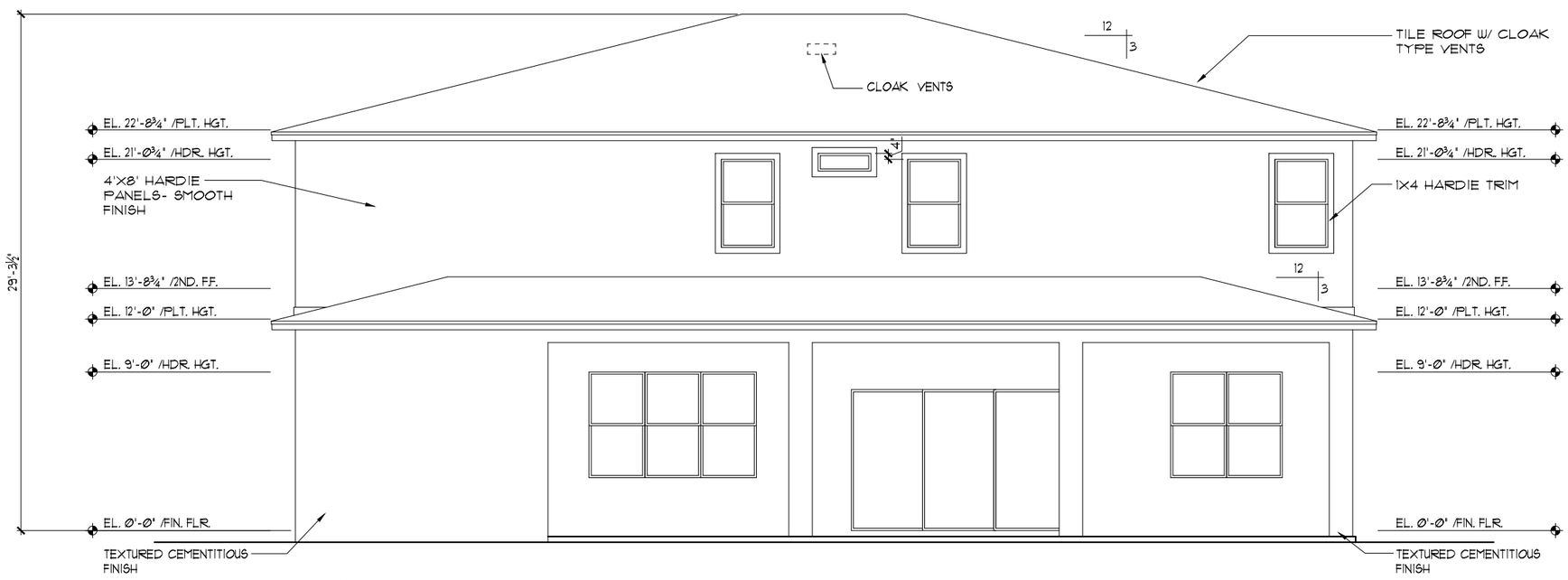
6374

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|---|---|
| DATE | Ø4-Ø8-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 06B.0 |
| OF | SHEETS |




## FRONT ELEVATION "B"

1/8"=1'-Ø" (11X17) 1/4"=1'-Ø" (22X34)




## REAR ELEVATION

1/8"=1'-Ø" (11X17) 1/4"=1'-Ø" (22X34)

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EXTERIOR ELEVATION "B" FRONT AND REAR

WATERFALL

PARADISO GRANDE

6374

| | |
|---|---|
| DATE | Ø4-Ø9-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 06B.1 |
| OF | SHEETS |

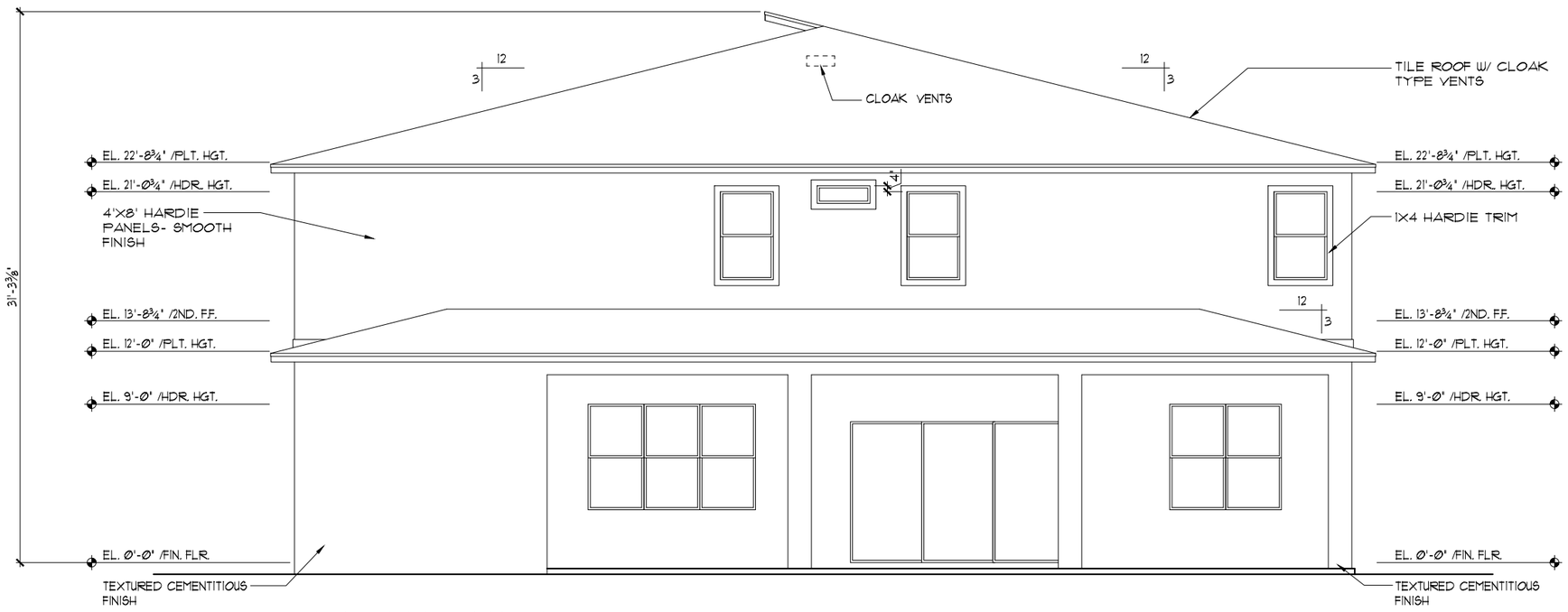



FRONT ELEVATION "C"

1/8"=1'-Ø" (11X17) 1/4"=1'-Ø" (22X34)

## EXTERIOR FINISH NOTES

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REAR ELEVATION

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EXTERIOR ELEVATION "C" FRONT AND REAR

WATERFALL

PARADISO GRANDE

6374

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|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
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| SHEET | 06C.0 |
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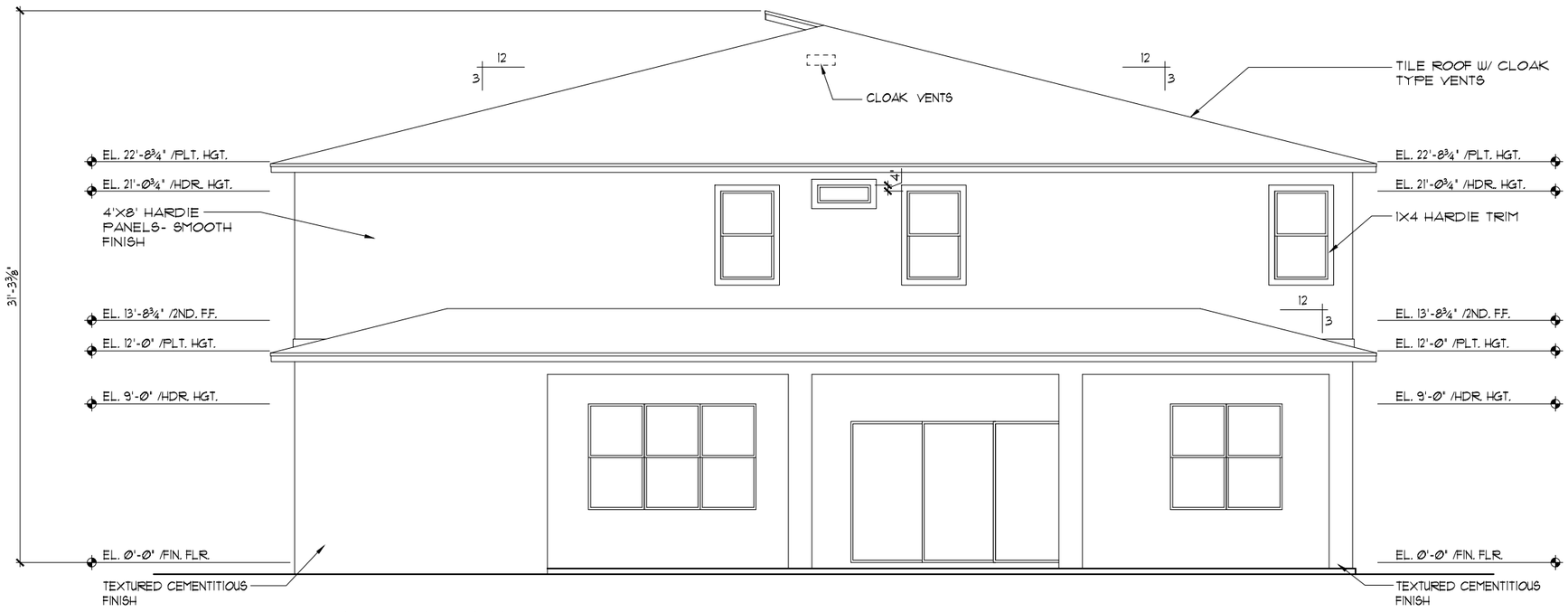



FRONT ELEVATION "C"

1/8"=1'-Ø" (11X17) 1/4"=1'-Ø" (22X34)

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REAR ELEVATION

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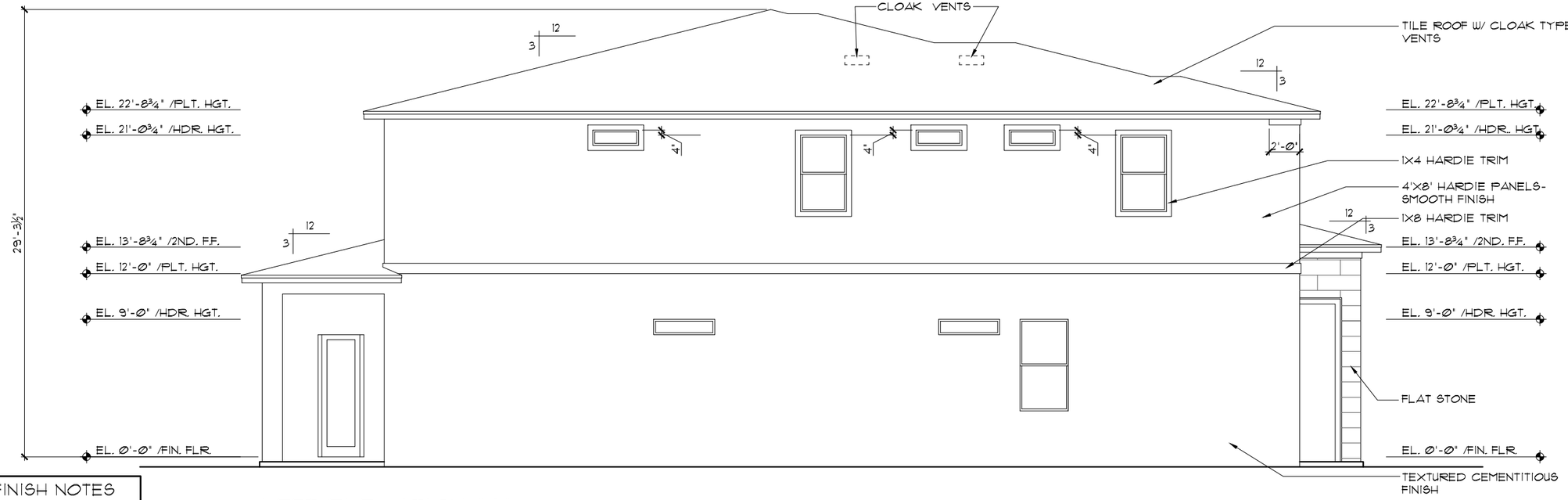
EXTERIOR ELEVATION "C" FRONT AND REAR

WATERFALL

PARADISO GRANDE

6374

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|---|---|
| DATE | Ø4-Ø9-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 06C.1 |
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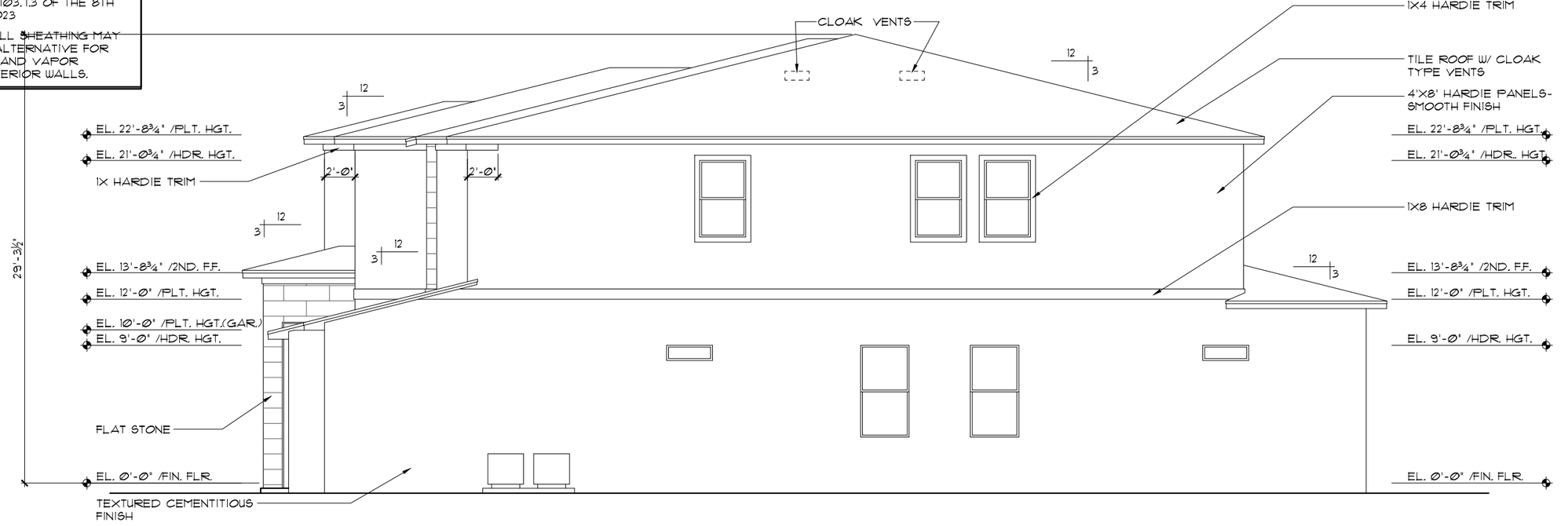



## LEFT ELEVATION "A"

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

### EXTERIOR FINISH NOTES

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## RIGHT ELEVATION "A"

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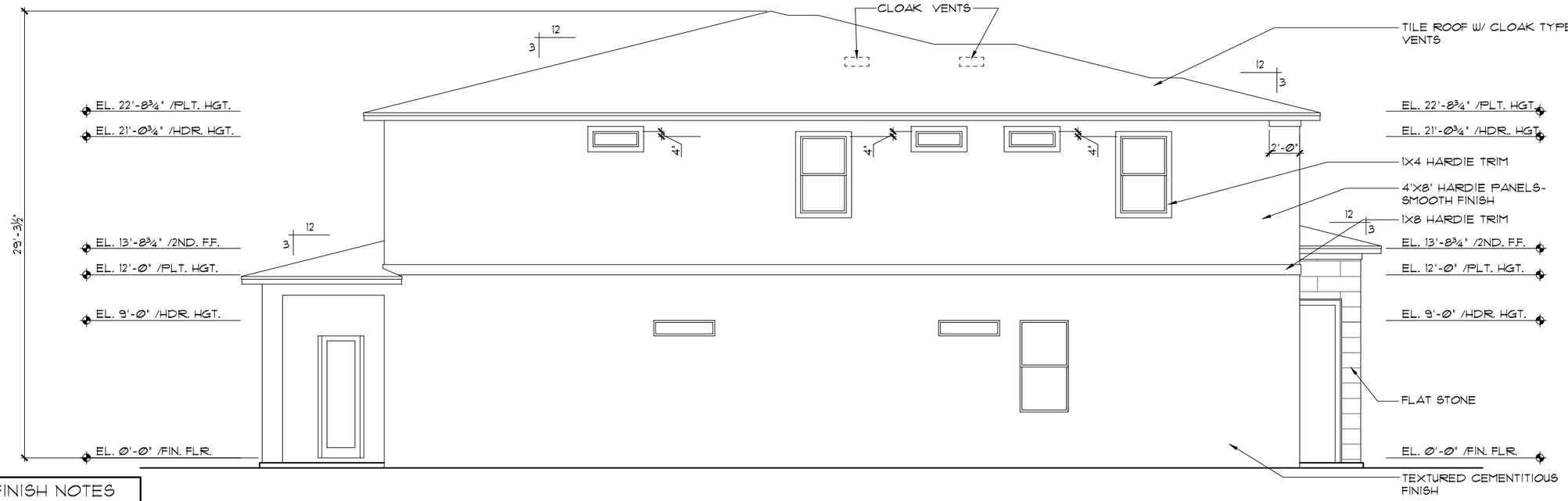
EXTERIOR ELEVATIONS "A" LEFT AND RIGHT

WATERFALL

PARADISO GRANDE

6374

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|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 07A.0 |
| OF | SHEETS |

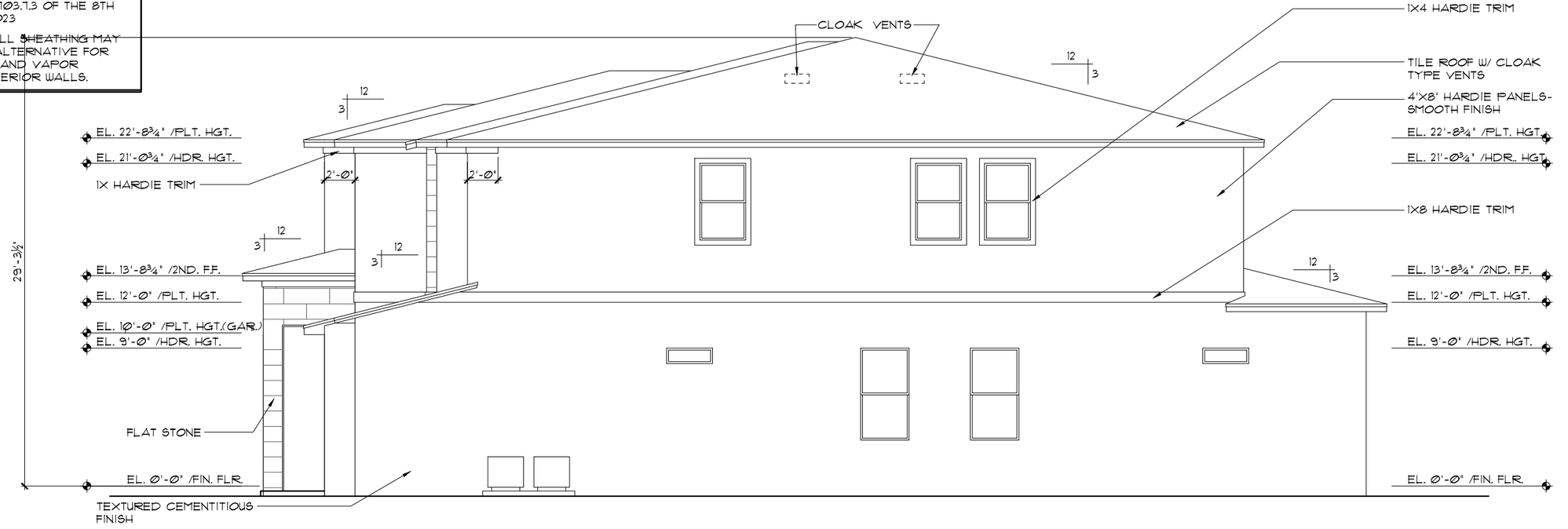



## LEFT ELEVATION "A"

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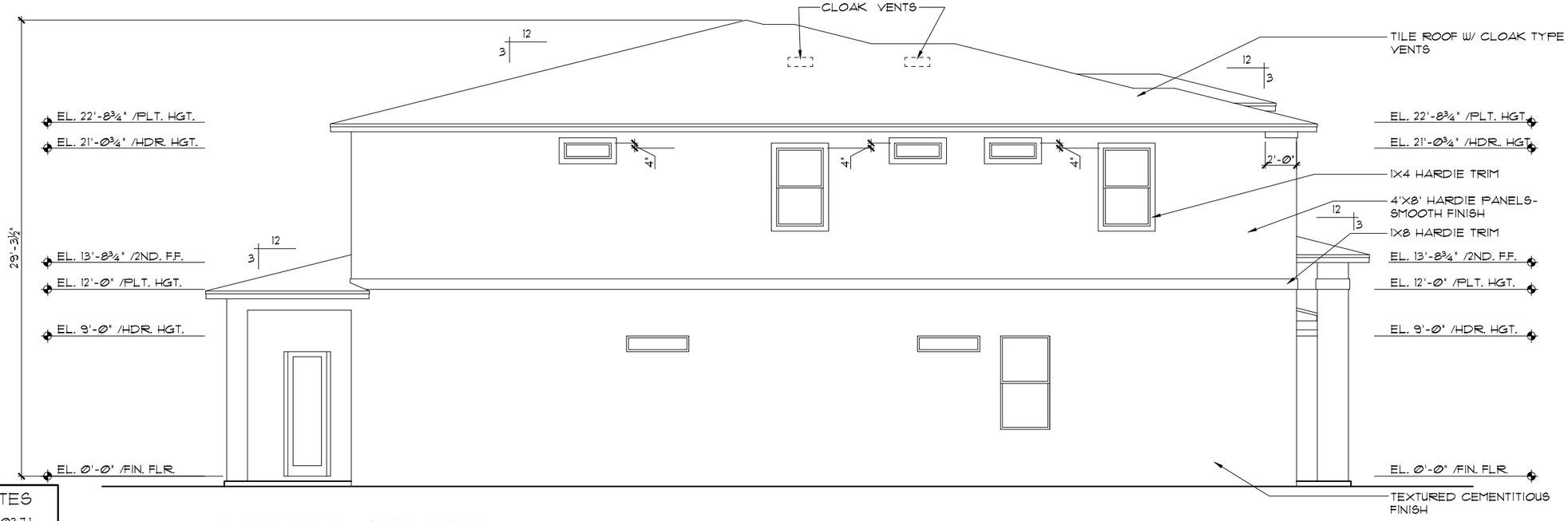
EXTERIOR ELEVATIONS "A" LEFT AND RIGHT

WATERFALL

PARADISO GRANDE

6374

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| DATE | Ø4-Ø8-21 |
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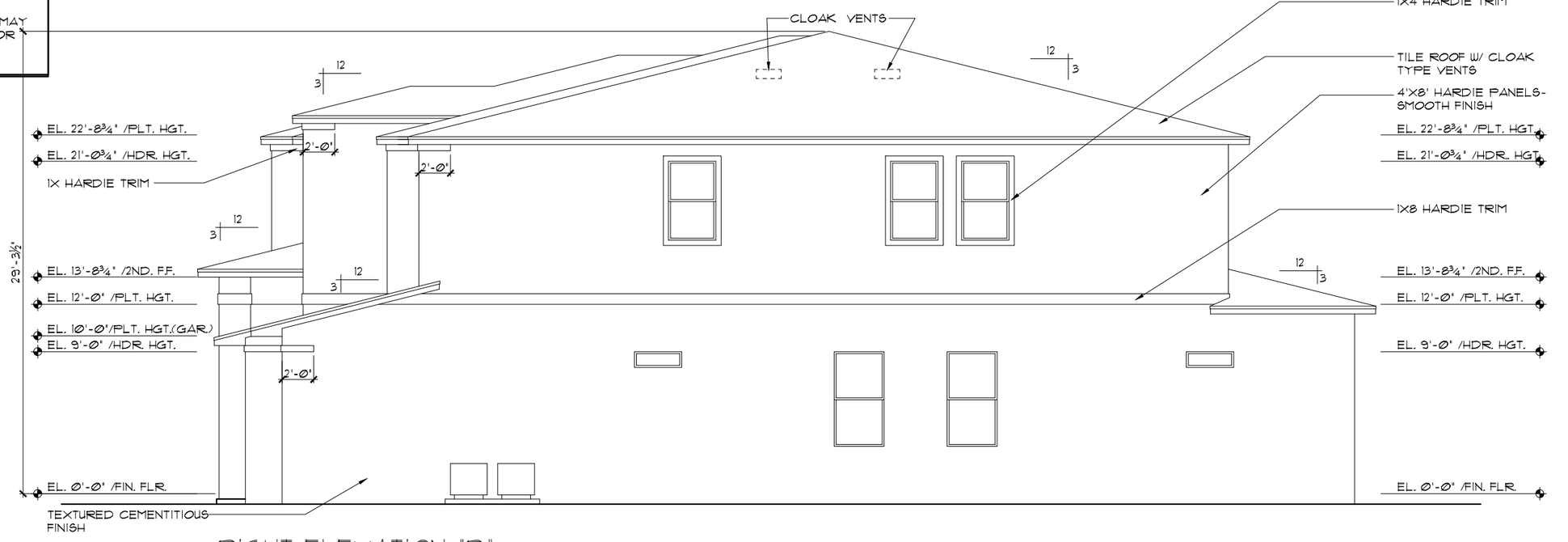



## LEFT ELEVATION "B"

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# EXTERIOR ELEVATIONS "B" LEFT AND RIGHT

WATERFALL

PARADISO GRANDE

6374

DATE 04-09-21

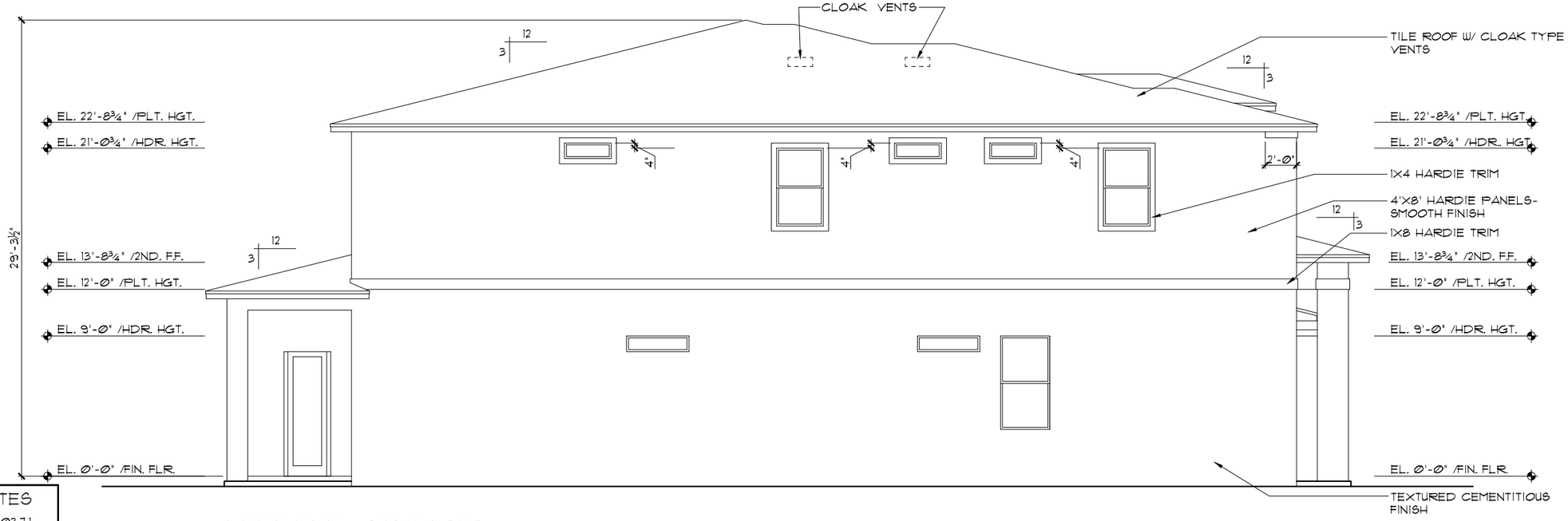
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JOB 6374

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OF SHEETS

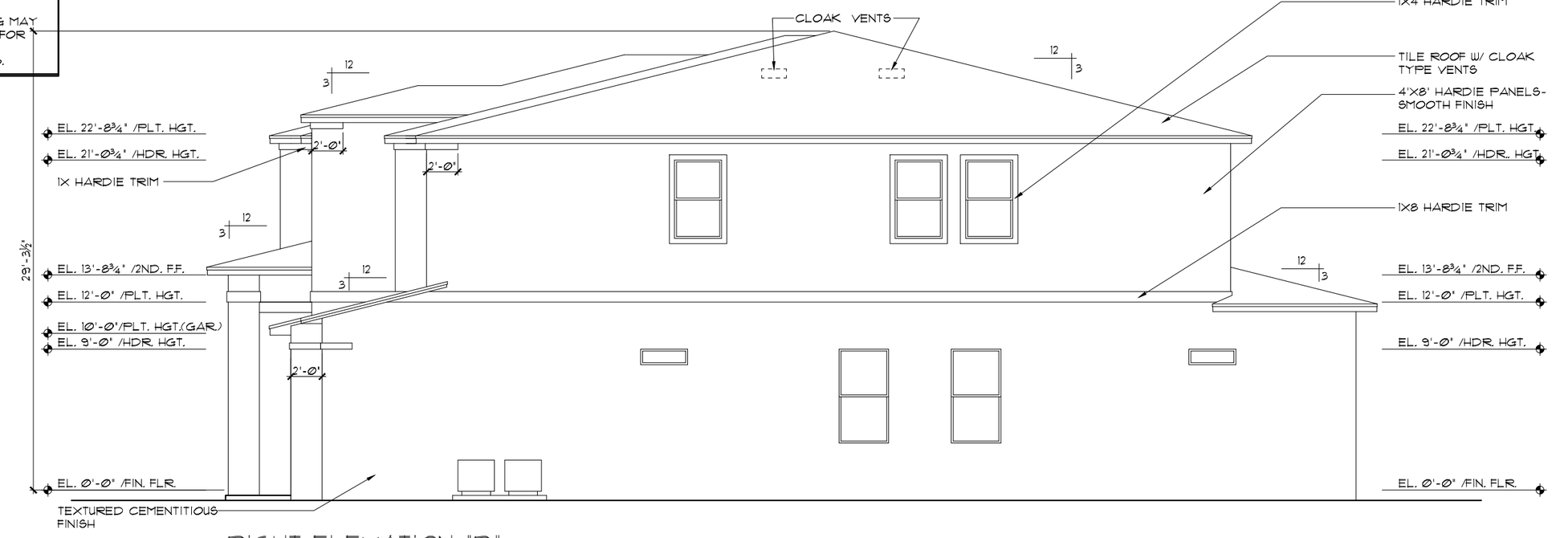



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4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R703.7.3 OF THE 8TH EDITION, FBCR. 2023
5. "ZIP SYSTEMS" WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS.




## RIGHT ELEVATION "B"

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

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

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Orlando, Florida 32811
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# EXTERIOR ELEVATIONS "B" LEFT AND RIGHT

WATERFALL

PARADISO GRANDE

6374

DATE 04-09-21

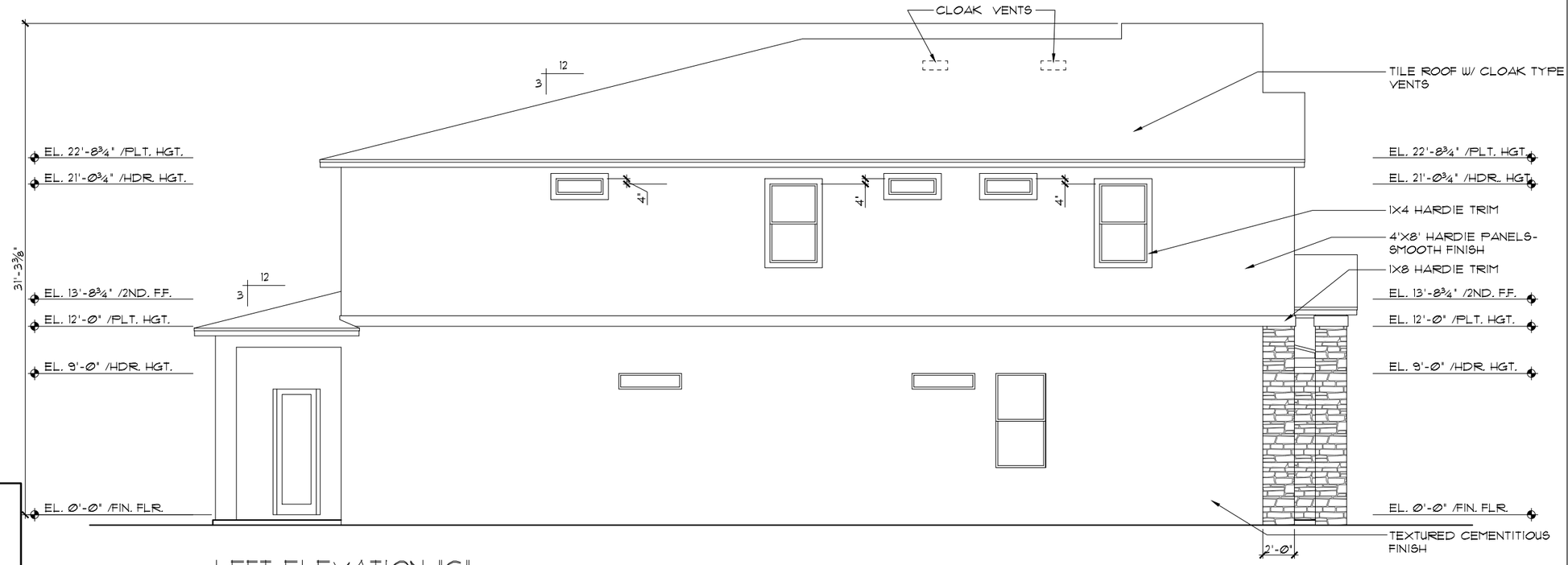
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DRAWN RDC

JOB 6374

SHEET 07B.1

OF SHEETS

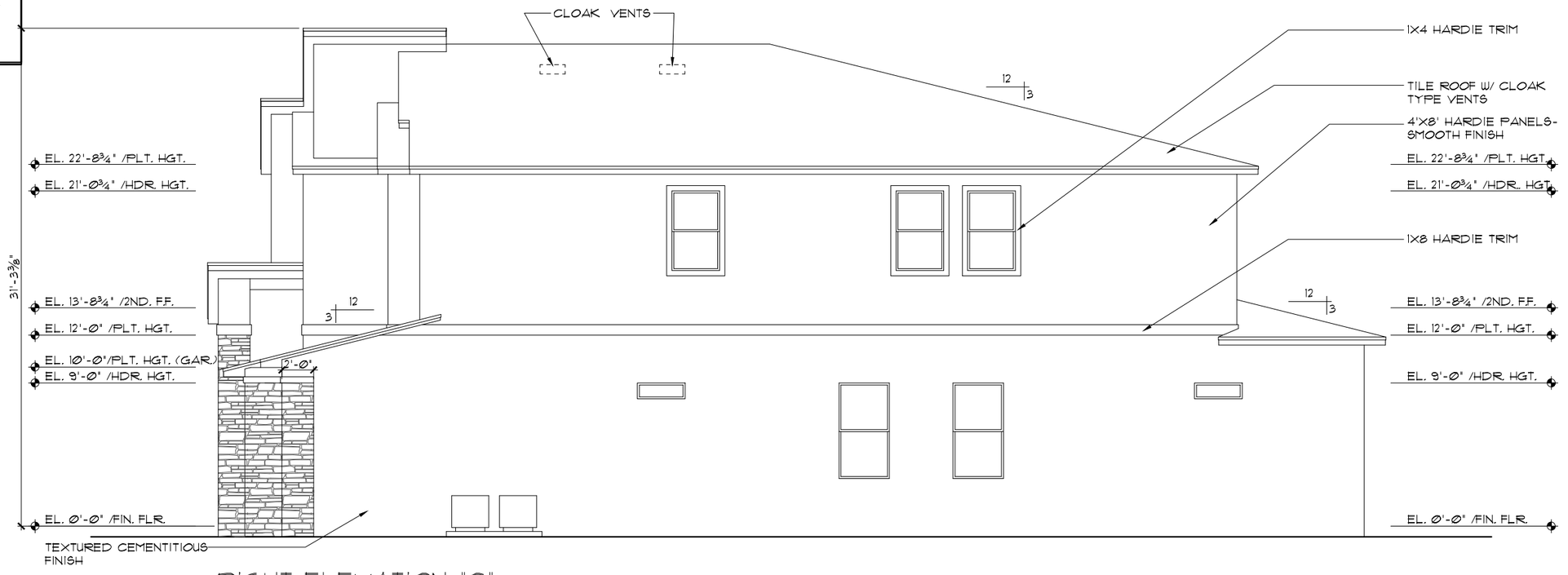



LEFT ELEVATION "C"

1/8"=1'-Ø" (11X17) 1/4"=1'-Ø" (22X34)

## EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R703.7.1 OF THE 8TH EDITION, FBCR. 2023
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EXTERIOR ELEVATIONS "C" LEFT AND RIGHT

WATERFALL

PARADISO GRANDE

6374

DATE 04-09-21

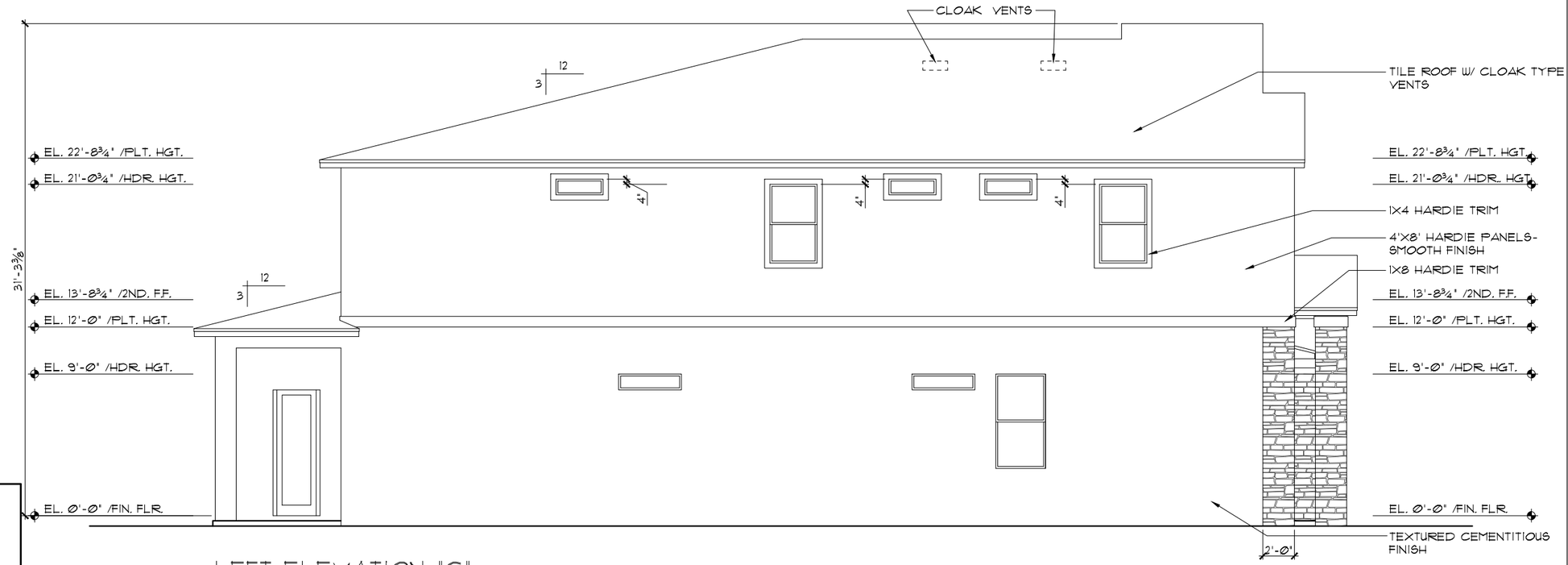
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SHEET 07C.0

OF SHEETS

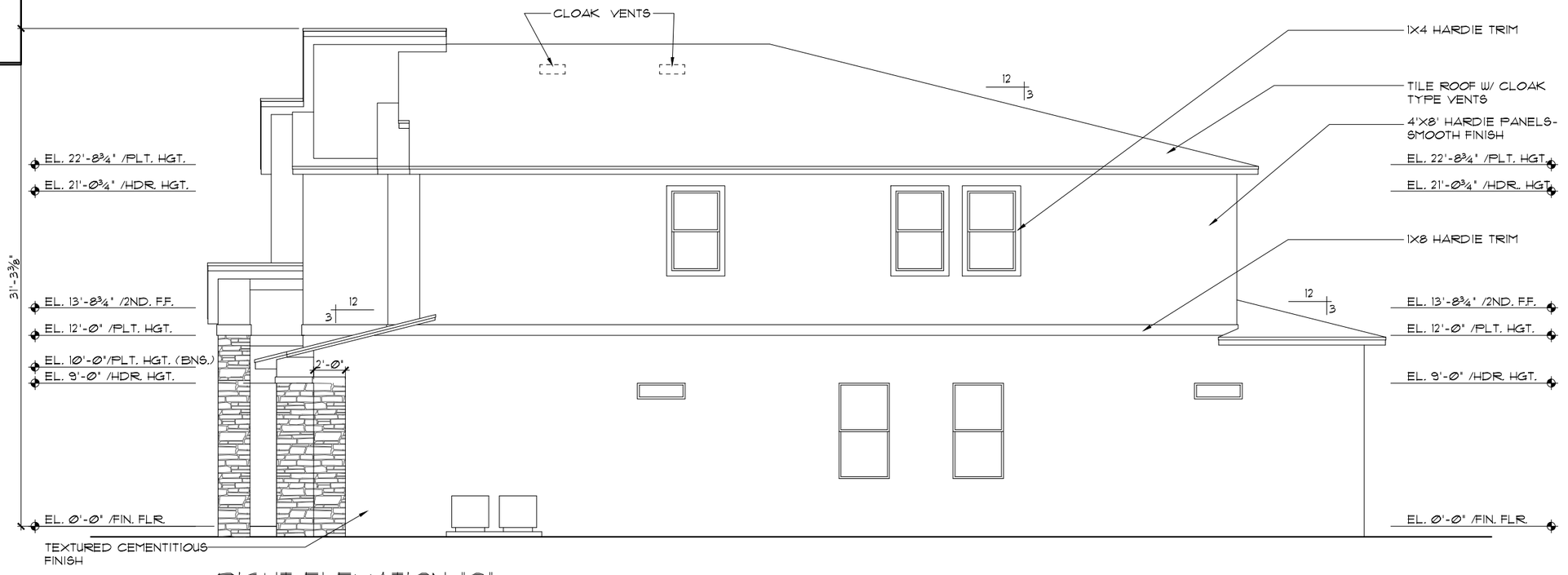



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EXTERIOR ELEVATIONS "C" LEFT AND RIGHT

WATERFALL

PARADISO GRANDE

6374

DATE 04-09-21

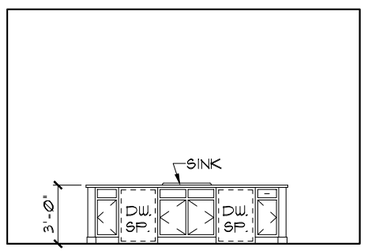
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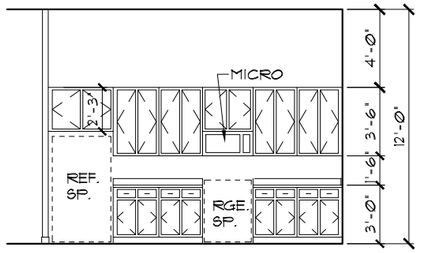
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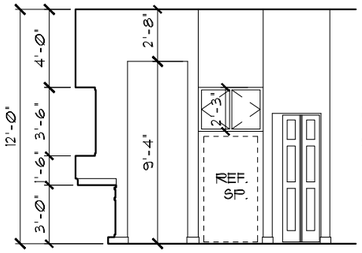
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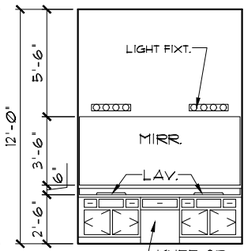

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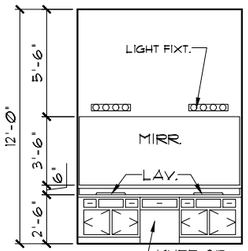

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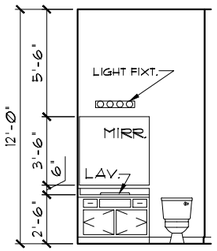

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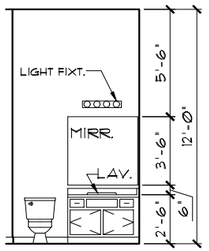

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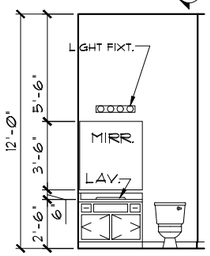

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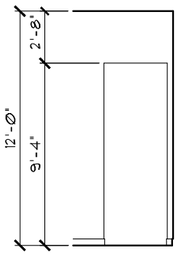

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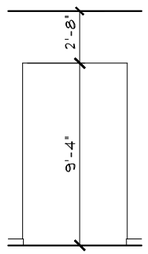

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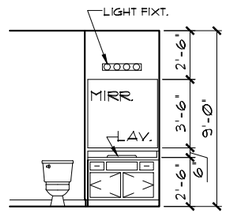

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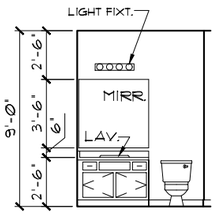

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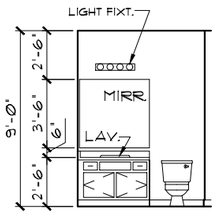

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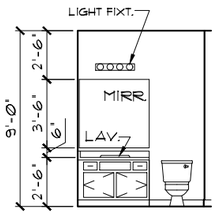

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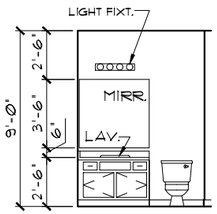

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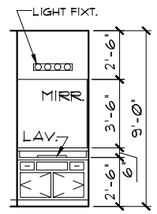

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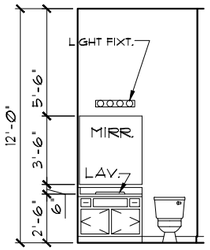

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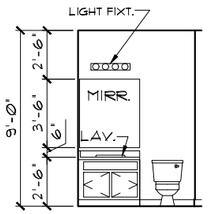

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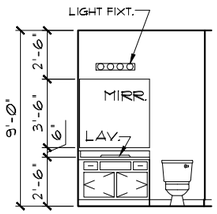

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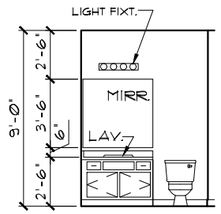

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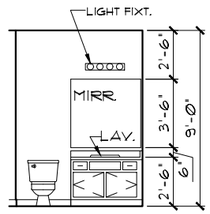

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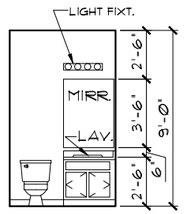

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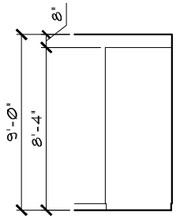

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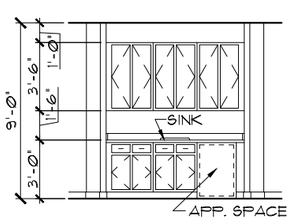

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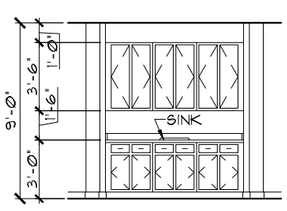

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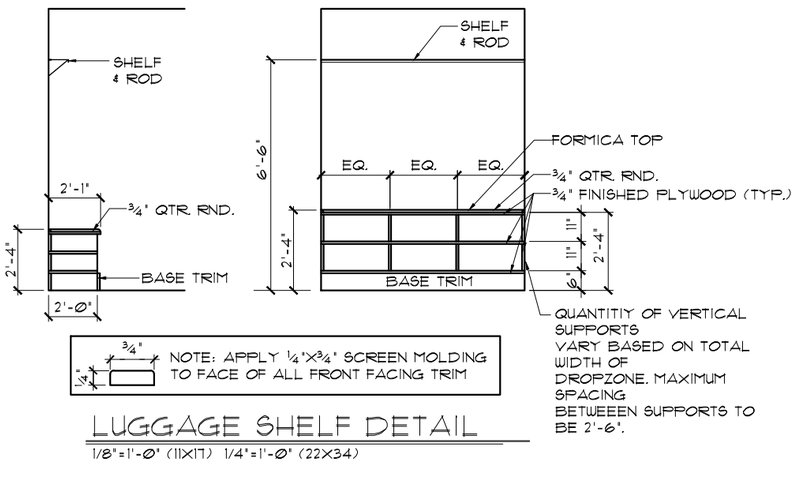

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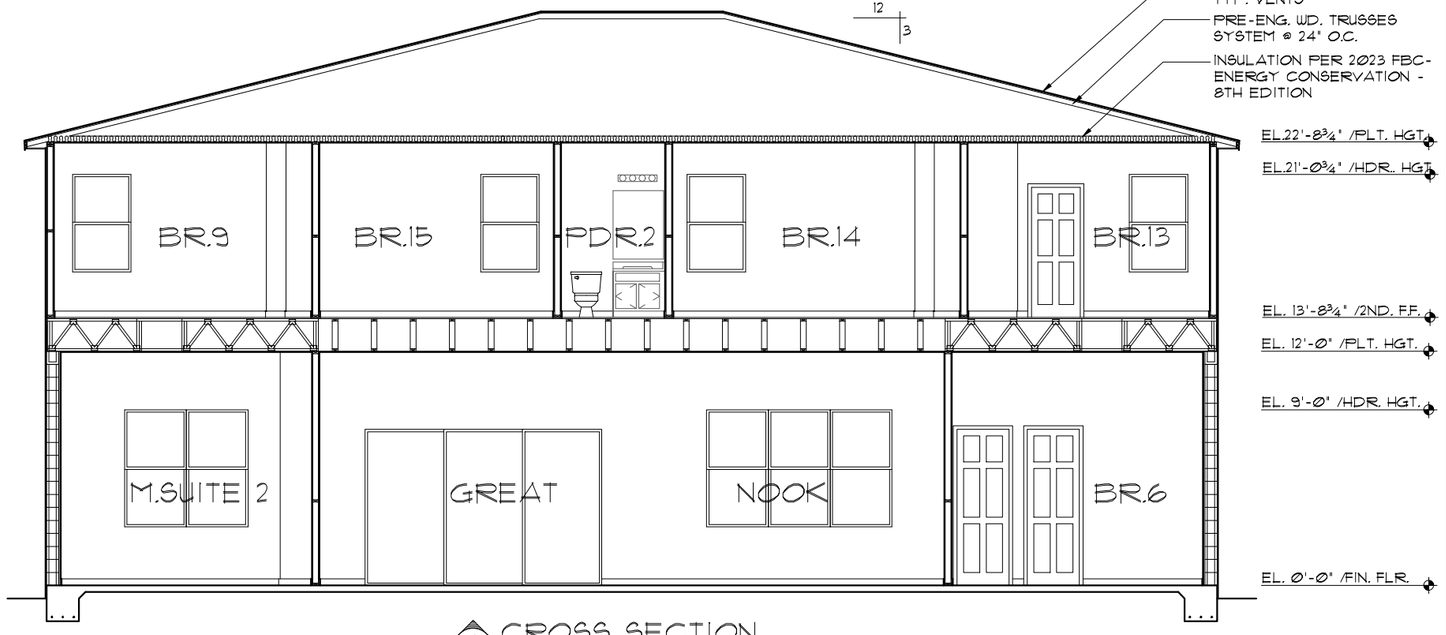
## INTERIOR ELEVATIONS

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




## LUGGAGE SHELF DETAIL

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




A / 08 CROSS SECTION

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

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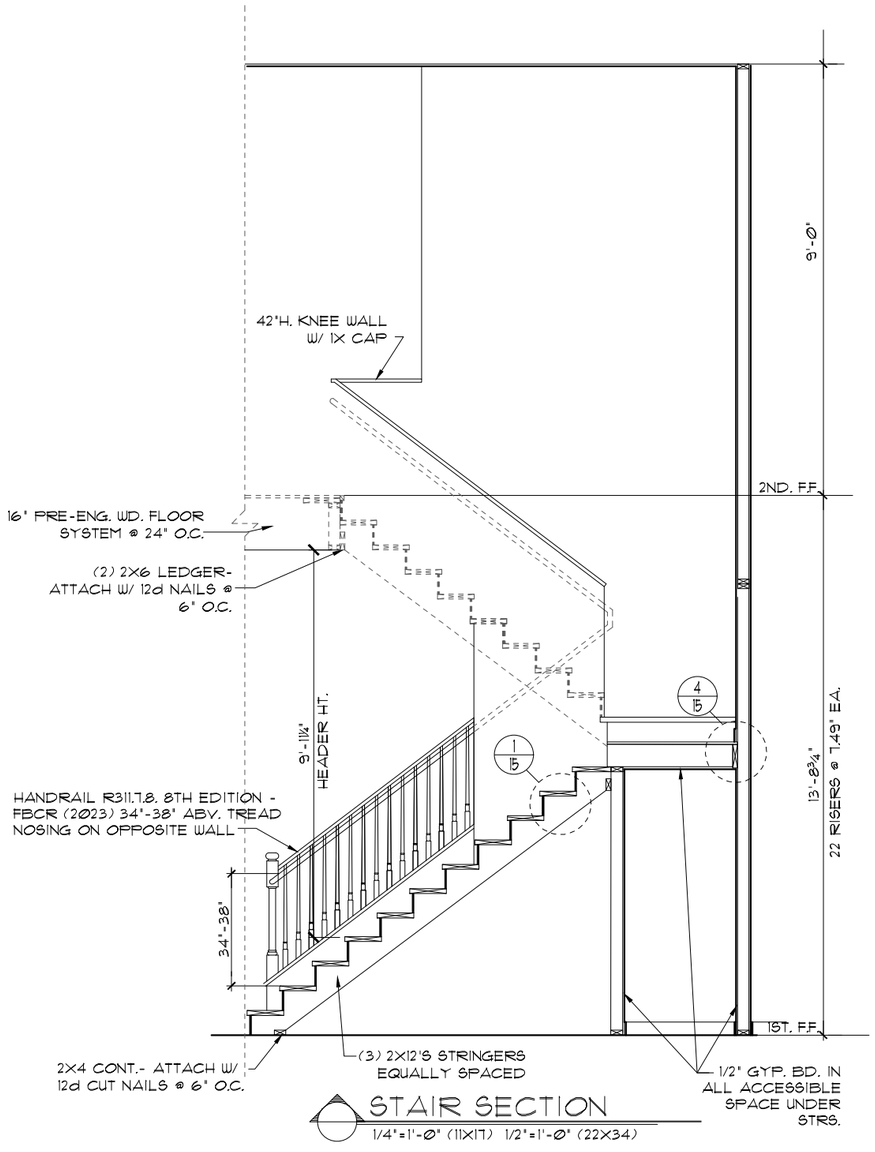
CROSS SECTION / INTERIOR ELEVATIONS

WATERFALL

PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 08 |
| OF | SHEETS |




## STAIR SECTION

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

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STAIR SECTION

WATERFALL

PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 08.1 |
| 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 ACESSIBLE 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. P2801.7

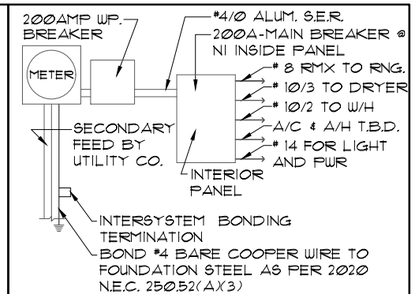
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.

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

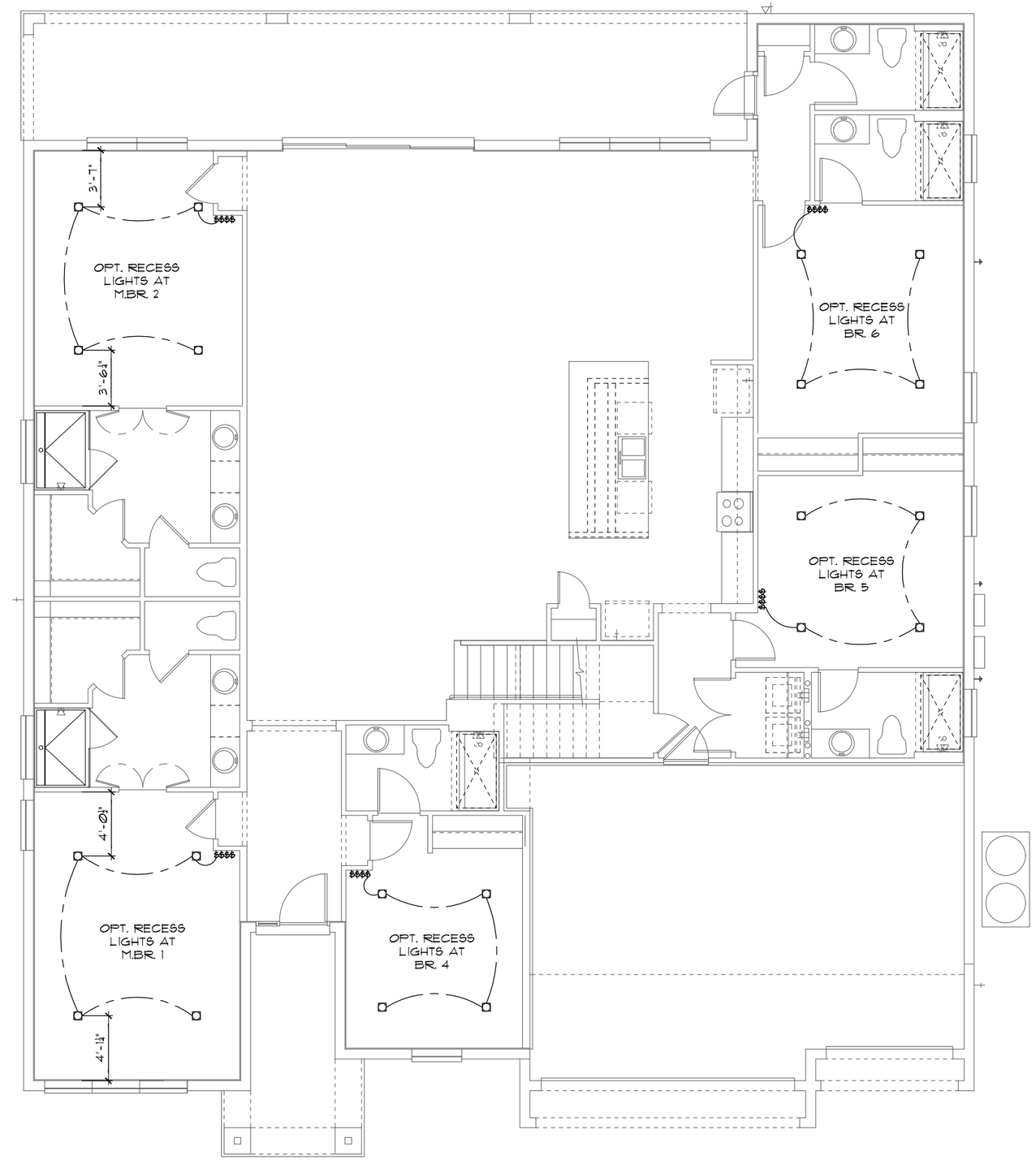
NOTE: N.T.S.
ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(A)(1) TO (6), LOCAL CODES, AND THE LOCAL POWER COMPANY.

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 ½ 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

| | | | |
|---|---|---|---|
| S | SINGLE POLE SWITCH | | OUTLET, TV/CABLE |
| $S_3$ | 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. | | |
| | OUT. 110-115, FLR. MOUNT. | CM | CARBON MONOXIDE |
| | SPCL. PURPOSE 220-240 | | PUSH BUTTON |
| | LIGHT FIXT., CLG. MTD. | | EXHAUST FAN |
| | LIGHT FIXT., WALL MTD. | | EX. FAN/LIGHT COMBO |
| | LED LIGHT FIXT., RECESSED | | DISPOSAL |
| E | LIGHT FIXT., REC. ADJUST. | | ELECTRICAL PANEL |
| PC | LIGHT FIXT., PULL CHAIN | | CEILING FAN, PREWIRE |
| | LED LIGHT FIXT,FLUORESCENT | F | CEILING FAN, INSTALL |
| | LIGHT FIXT., EXT. FLOODS | J | ELECT. JUNCTION BOX |
| EXIT | LIGHT FIXT., EMERG. EXIT | T | THERMOSTAT |
| | LIGHT FIXT., EXIT/BACKUP | DS | DISCONNECT SWITCH |
| | | | ELEC. POWER METER |




## ELECTRICAL PLAN "OPT. LED"

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

## LED RECESS OPTION

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

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

LOT: 0000, PARADISO GRANDE

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Orlando, Florida 32811
Phone (407) 529 - 3000

ELECTRICAL PLAN

WATERFALL
PARADISO GRANDE

6374

DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 6374
SHEET 09.0
OF SHEETS

# MECHANICAL/GENERAL NOTES

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

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

2.)APPLIANCES SHALL BE ACESSIBLE 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.) 1AW 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.) 1AW 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 1AW 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. 1AW FBCR 2023, 8TH ED. P2801.7

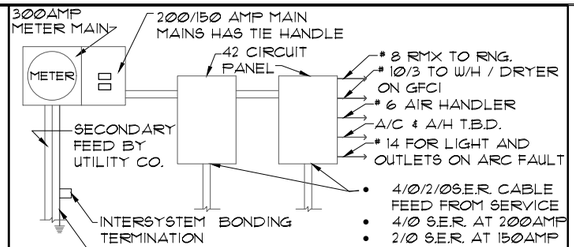
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. 1AW FBCR 2023, 8TH ED.

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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(A)(2)

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




ELECTRICAL RISER DIAGRAM

N.T.S.

NOTE:
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There are two types of concrete-encased electrodes:
(1) steel reinforcing bars or rods which are not less than ½ inch in diameter and at least 20 ft. long, encased in 2 inches of concretet (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.

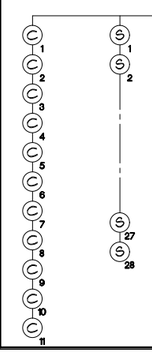
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NOTE: THE FIRE ALARM SYSTEM WILL CONSIST OF (1 ) FIRE ALARM CONTROL PANEL - 32 ZONE GEMC-FW32CONVKT WITH (1) SMOKE DETECTOR OVER FIRE ALARM CONTROL PANEL. ALL INSTALLATION FOR THIS MACURCO CARBON MONOXIDE DETECTOR CM-E1&CONVENTIONAL SMOKE DETECTION FIREWOLF FW2-S SHALL BE INSTALLED PURSUANT THE MANUFACTURE REQUIREMENTS AND NEC 2020 CODE REQUIREMENTS

## ELECTRICAL LEGEND

| | | | |
|---|---|---|---|
| $ | SINGLE POLE SWITCH | | OUTLET, TV/CABLE |
| $3 | THREE WAY SWITCH | | OUTLET, PHONE |
| | OUTLET 110-115 | | INTERCOM |
| | OUT. 110-115, SPLIT WIRED | | CHIMES |
| | OUT. 110-115, W/ USB | | SMOKE DETECTOR/SMOKE |
| | OUT. 110-115, CLG. MOUNT. | CM | 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. | F | CEILING FAN, PREWIRE |
| PC | LIGHT FIXT., PULL CHAIN | F | CEILING FAN, INSTALL |
| | LED LIGHT FIXT,FLUORESCENT | J | ELECT. JUNCTION BOX |
| | LIGHT FIXT., EXT. FLOODS | T | THERMOSTAT |
| EXIT | LIGHT FIXT., EMERG. EXIT | DC | DISCONNECT SWITCH |
| | LIGHT FIXT., EXIT/BACKUP | | ELEC. POWER METER |

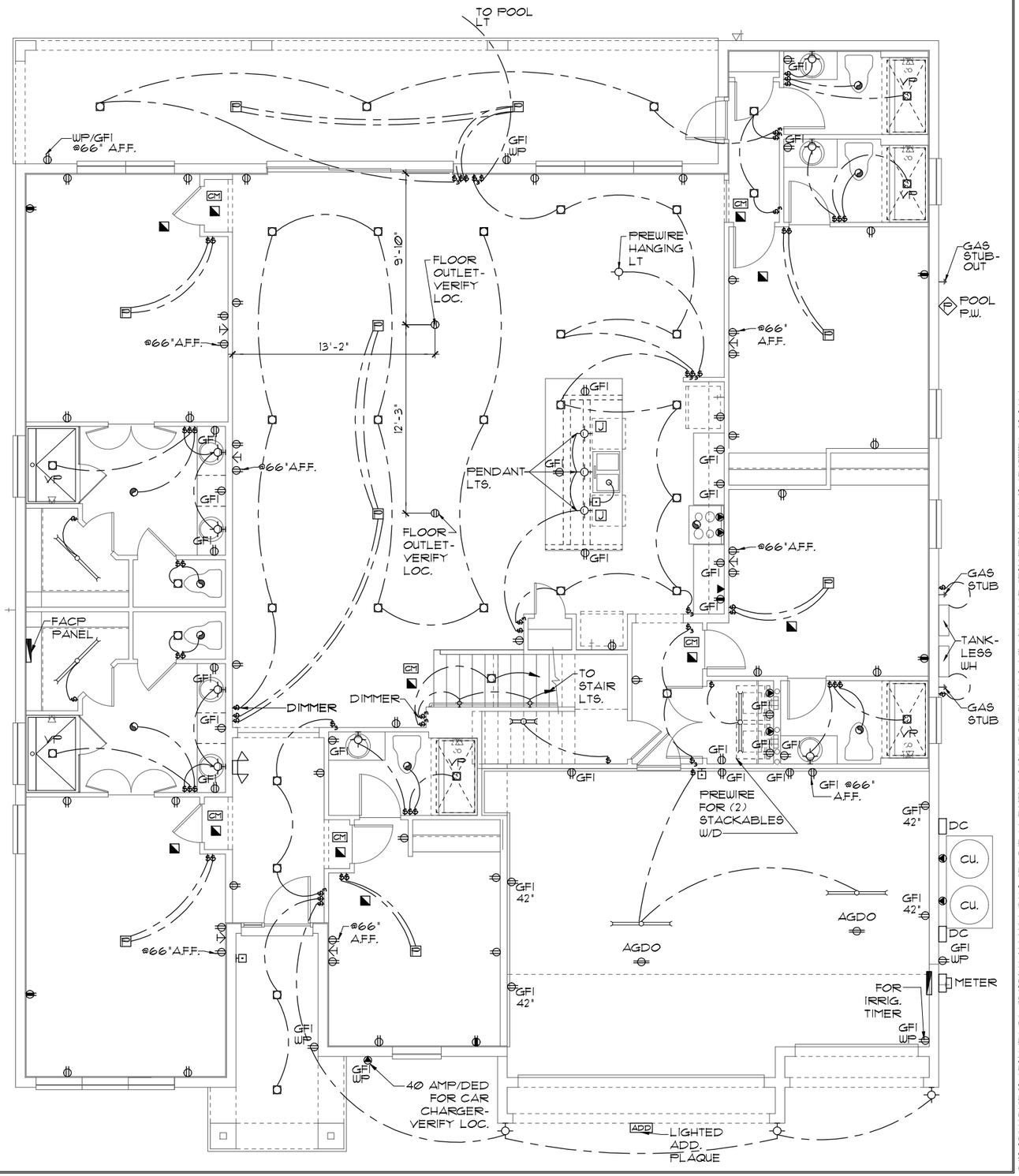
## RISER DIAGRAM




| 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)




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

LOT: 0000, PARADISO GRANDE

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ELECTRICAL PLAN

WATERFALL

PARADISO GRANDE

6374

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 6374

SHEET 09A.0

OF SHEETS

# MECHANICAL/GENERAL NOTES

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

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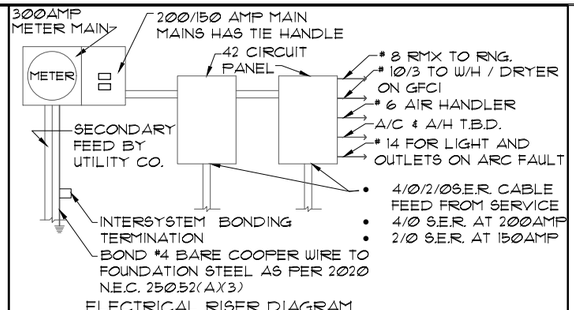
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12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2020 - ARTICLE 210-52




ELECTRICAL RISER DIAGRAM

N.T.S.

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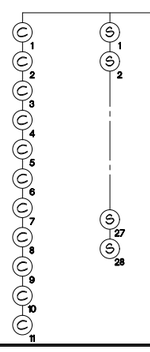
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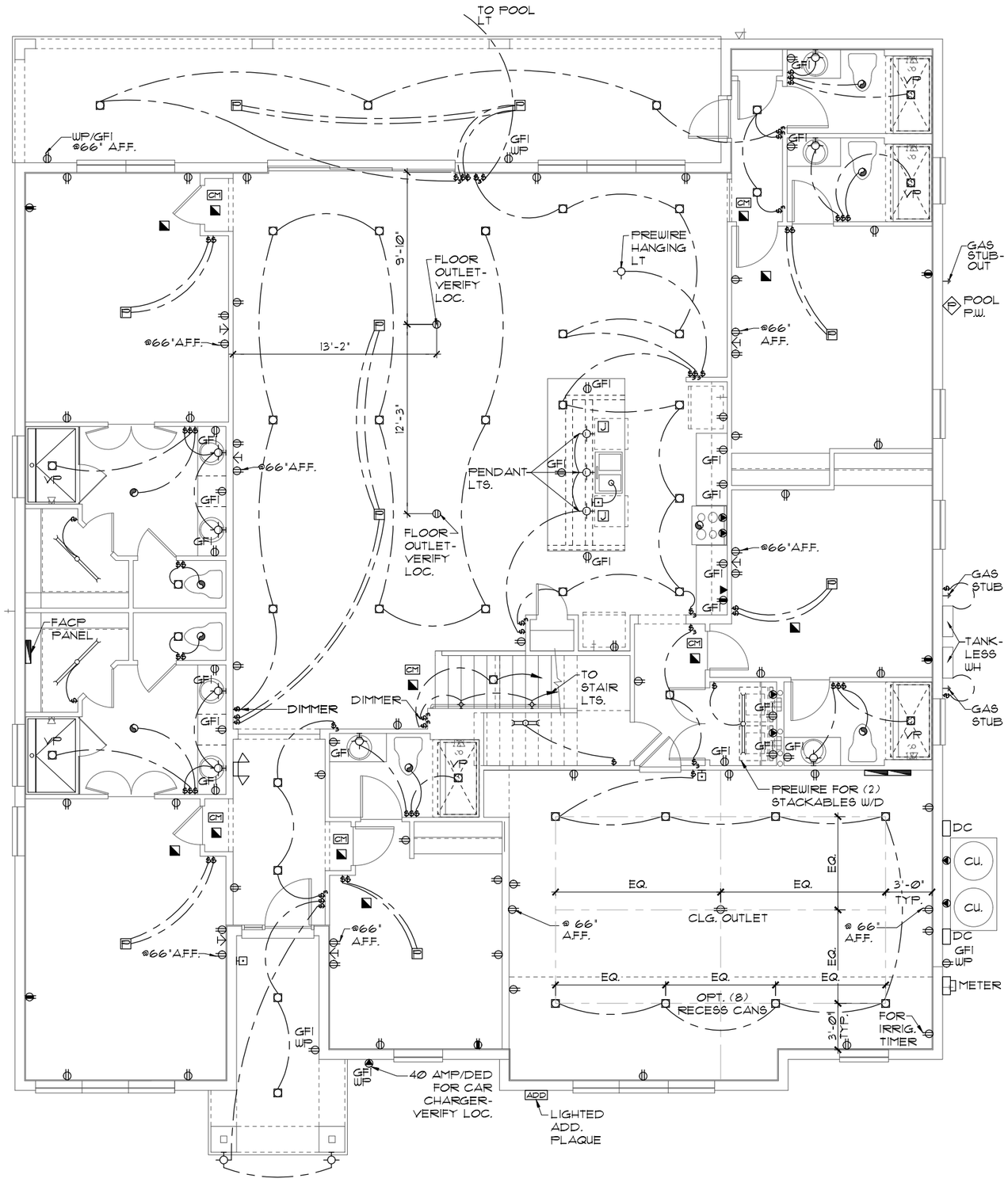
## ELECTRICAL LEGEND

| | | | |
|---|---|---|---|
| $ | SINGLE POLE SWITCH | | OUTLET, TV/CABLE |
| $3 | THREE WAY SWITCH | | OUTLET, PHONE |
| | OUTLET 110-115 | | CHIMES |
| | OUT. 110-115, SPLIT WIRED | | SMOKE DETECTOR/SMOKE |
| | OUT. 110-115, W/ USB | CM | CARBON MONOXIDE |
| | OUT. 110-115, CLG. MOUNT. | | PUSH BUTTON |
| | OUT. 110-115, FLR. MOUNT. | | EXHAUST FAN |
| | SPCL. PURPOSE 220-240 | | EX. FAN/LIGHT COMBO |
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| | LIGHT FIXT., WALL MTD. | | ELECTRICAL PANEL |
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| PC | LIGHT FIXT., PULL CHAIN | J | ELECT. JUNCTION BOX |
| | LED LIGHT FIXT.,FLUORESCENT | DT | THERMOSTAT |
| | LIGHT FIXT., EXT. FLOODS | DC | DISCONNECT SWITCH |
| EXIT | LIGHT FIXT., EMERG. EXIT | | ELEC. POWER METER |
| | LIGHT FIXT., EXIT/BACKUP | | |

## RISER DIAGRAM




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




## ELECTRICAL PLAN "A"

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ELECTRICAL PLAN

WATERFALL
PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 09A.1 |
| OF | SHEETS |

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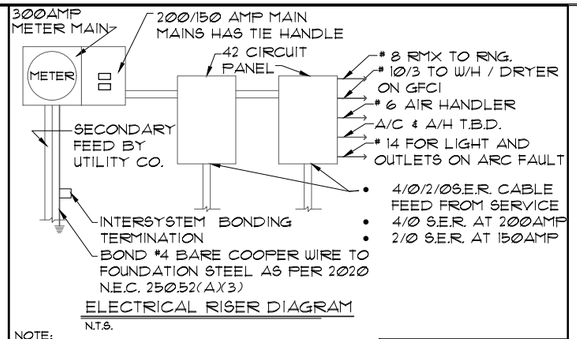
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(1) steel reinforcing bars or rods which are not less than ½ inch in diameter and at least 20 ft. long, encased in 2 inches of concrete; (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.

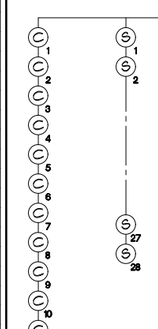
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NOTE: THE FIRE ALARM SYSTEM WILL CONSIST OF (1 ) FIRE ALARM CONTROL PANEL - 32 ZONE GEMC-FW32CONVKT WITH (1) SMOKE DETECTOR OVER FIRE ALARM CONTROL PANEL. ALL INSTALLATION FOR THIS MACURCO CARBON MONOXIDE DETECTOR CM-E1&CONVENTIONAL SMOKE DETECTION FIREWOLF FW2-S SHALL BE INSTALLED PURSUANT THE MANUFACTURE REQUIREMENTS AND NEC 2020 CODE REQUIREMENTS

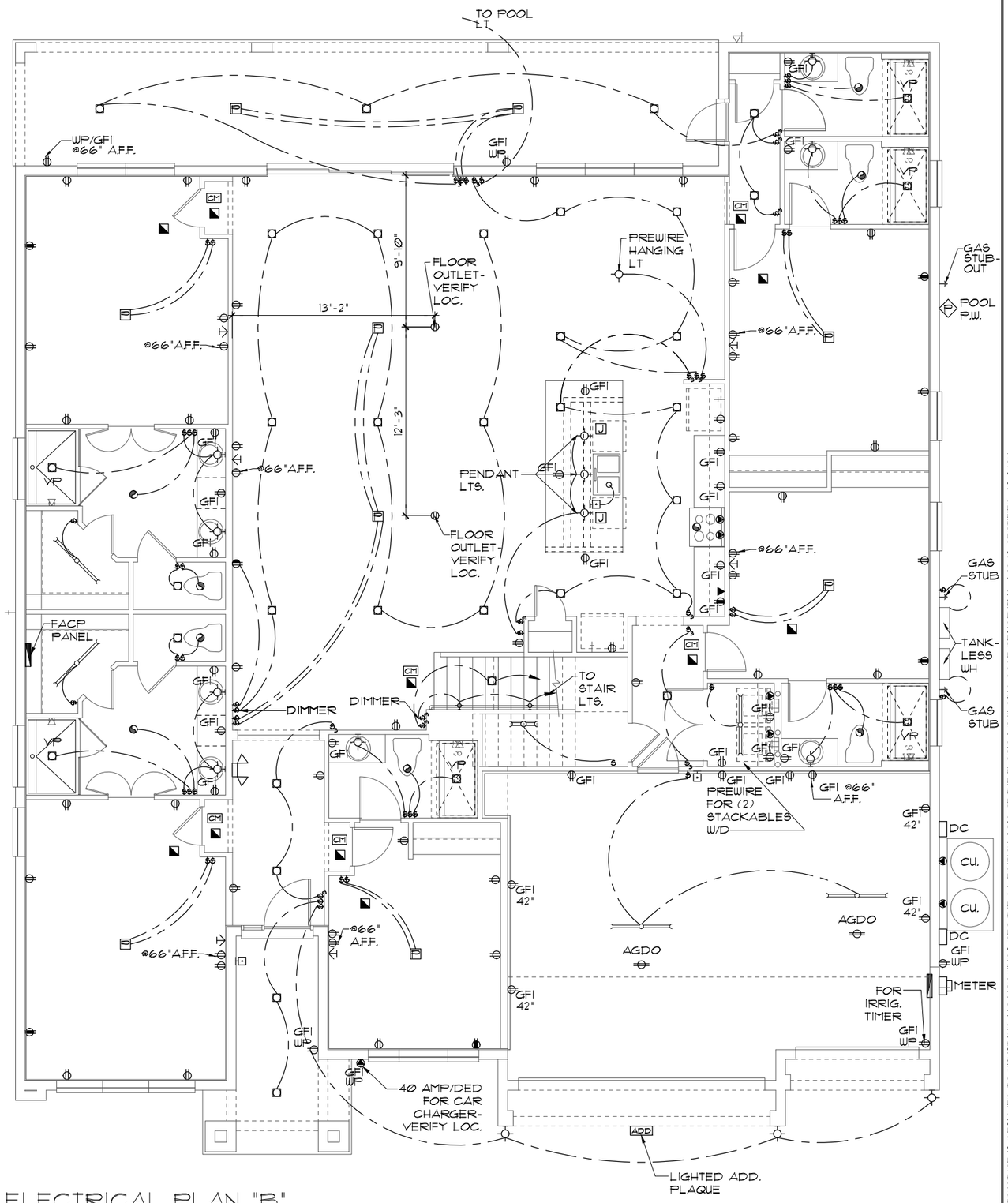
## ELECTRICAL LEGEND

| | | | |
|---|---|---|---|
| $ | SINGLE POLE SWITCH | | OUTLET, TV/CABLE |
| $3 | THREE WAY SWITCH | | OUTLET, PHONE |
| | OUTLET 110-115 | | INTERCOM |
| | OUT. 110-115, SPLIT WIRED | | CHIMES |
| | OUT. 110-115, W/ USB | CM | SMOKE DETECTOR/SMOKE CARBON MONOXIDE |
| | OUT. 110-115, CLG. MOUNT. | | PUSH BUTTON |
| | OUT. 110-115, FLR. MOUNT. | | EXHAUST FAN |
| | SPCL. PURPOSE 220-240 | | EX. FAN/LIGHT COMBO |
| | LIGHT FIXT., CLG. MTD. | | DISPOSAL |
| | LIGHT FIXT., WALL MTD. | | ELECTRICAL PANEL |
| | LED LIGHT FIXT., RECESSED | P | CEILING FAN, PREWIRE |
| E | LIGHT FIXT., REC. ADJUST. | F | CEILING FAN, INSTALL |
| PC | LIGHT FIXT., PULL CHAIN | J | ELECT. JUNCTION BOX |
| | LED LIGHT FIXT.,FLUORESCENT | DT | THERMOSTAT |
| | LIGHT FIXT., EXT. FLOODS | DS | DISCONNECT SWITCH |
| EXIT | LIGHT FIXT., EMERG. EXIT | | ELEC. POWER METER |
| | LIGHT FIXT., EXIT/BACKUP | | |

## 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)

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

LOT: 0000, PARADISO GRANDE

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ELECTRICAL PLAN

WATERFALL

PARADISO GRANDE

6374

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 6374

SHEET 09B.0

OF SHEETS

# MECHANICAL/GENERAL NOTES

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

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2.)APPLIANCES SHALL BE ACESSIBLE 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.) 1AW 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.) 1AW 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 1AW 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. 1AW FBCR 2023, 8TH ED. P2801.7

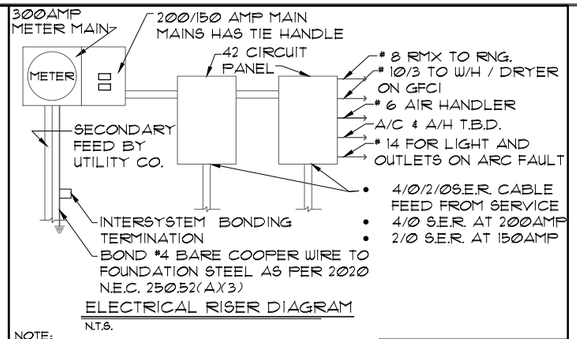
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12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A)(2)

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




ELECTRICAL RISER DIAGRAM

N.T.S.

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

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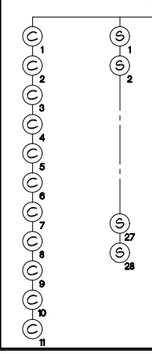
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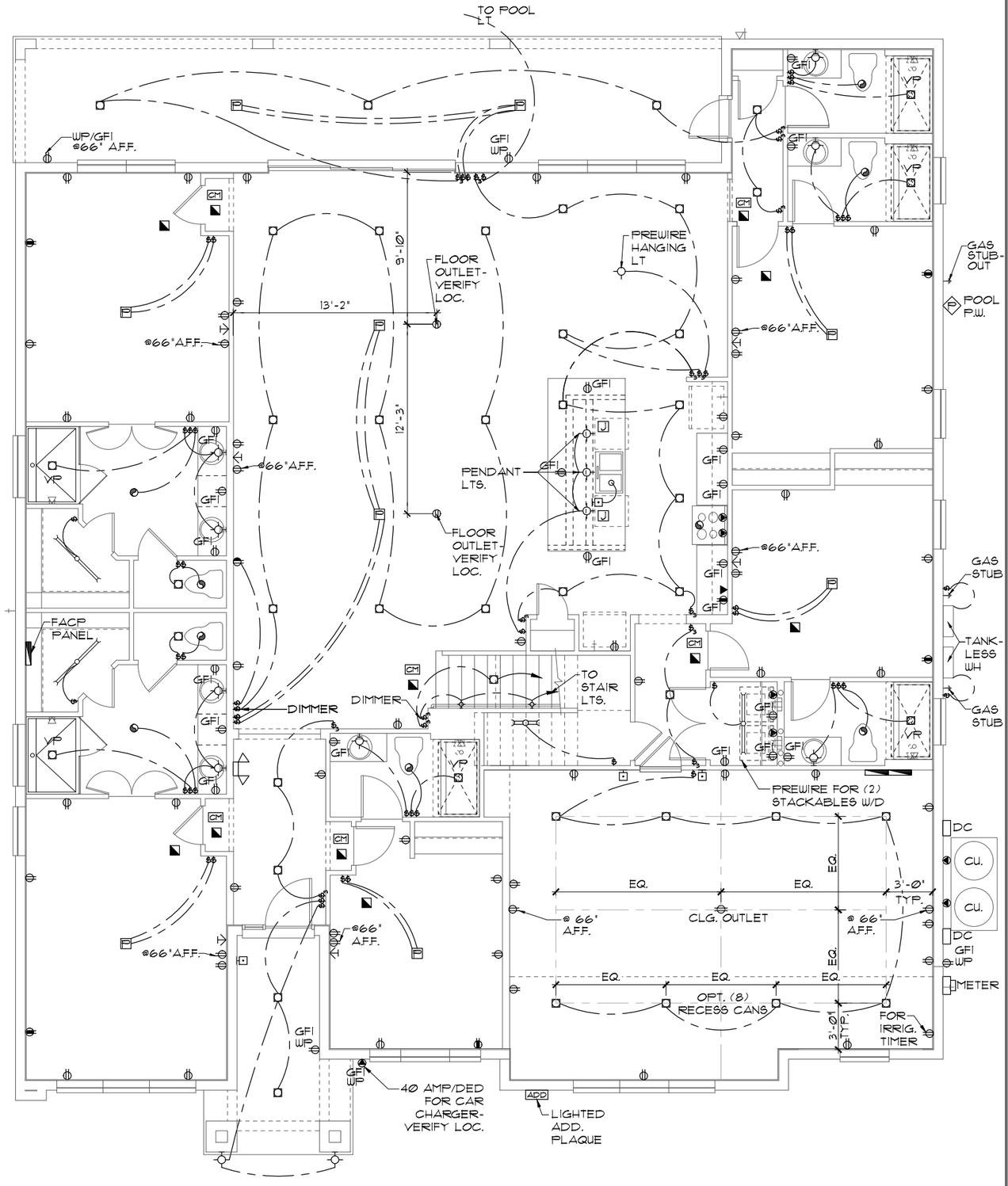
## ELECTRICAL LEGEND

| | | | |
|---|---|---|---|
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| | OUTLET 110-115 | | INTERCOM |
| | OUT. 110-115, SPLIT WIRED | | CHIMES |
| | OUT. 110-115, W/ USB | CM | SMOKE DETECTOR/SMOKE |
| | OUT. 110-115, CLG. MOUNT. | CM | 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 |
| E | LIGHT FIXT., REC. ADJUST. | P | CEILING FAN, PREWIRE |
| PC | LIGHT FIXT., PULL CHAIN | F | CEILING FAN, INSTALL |
| | LED LIGHT FIXT.,FLUORESCENT | J | ELECT. JUNCTION BOX |
| | LIGHT FIXT., EXT. FLOODS | T | THERMOSTAT |
| EXIT | LIGHT FIXT., EMERG. EXIT | DS | DISCONNECT SWITCH |
| | LIGHT FIXT., EXIT/BACKUP | | ELEC. POWER METER |

## RISER DIAGRAM




| LEGEND | |
|---|---|
| FACP | CONTROL PANEL |
| FAAP | ANNUNCIATOR |
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| S | SMOKE DETECTOR |




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PARADISO GRANDE

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ELECTRICAL PLAN

WATERFALL

PARADISO GRANDE

6374

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 6374

SHEET 09B.1

OF SHEETS

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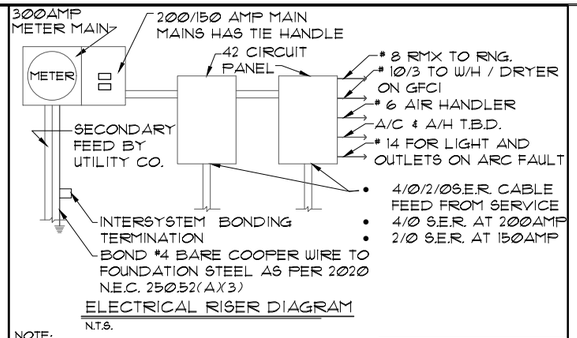
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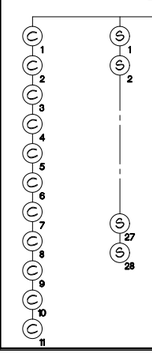
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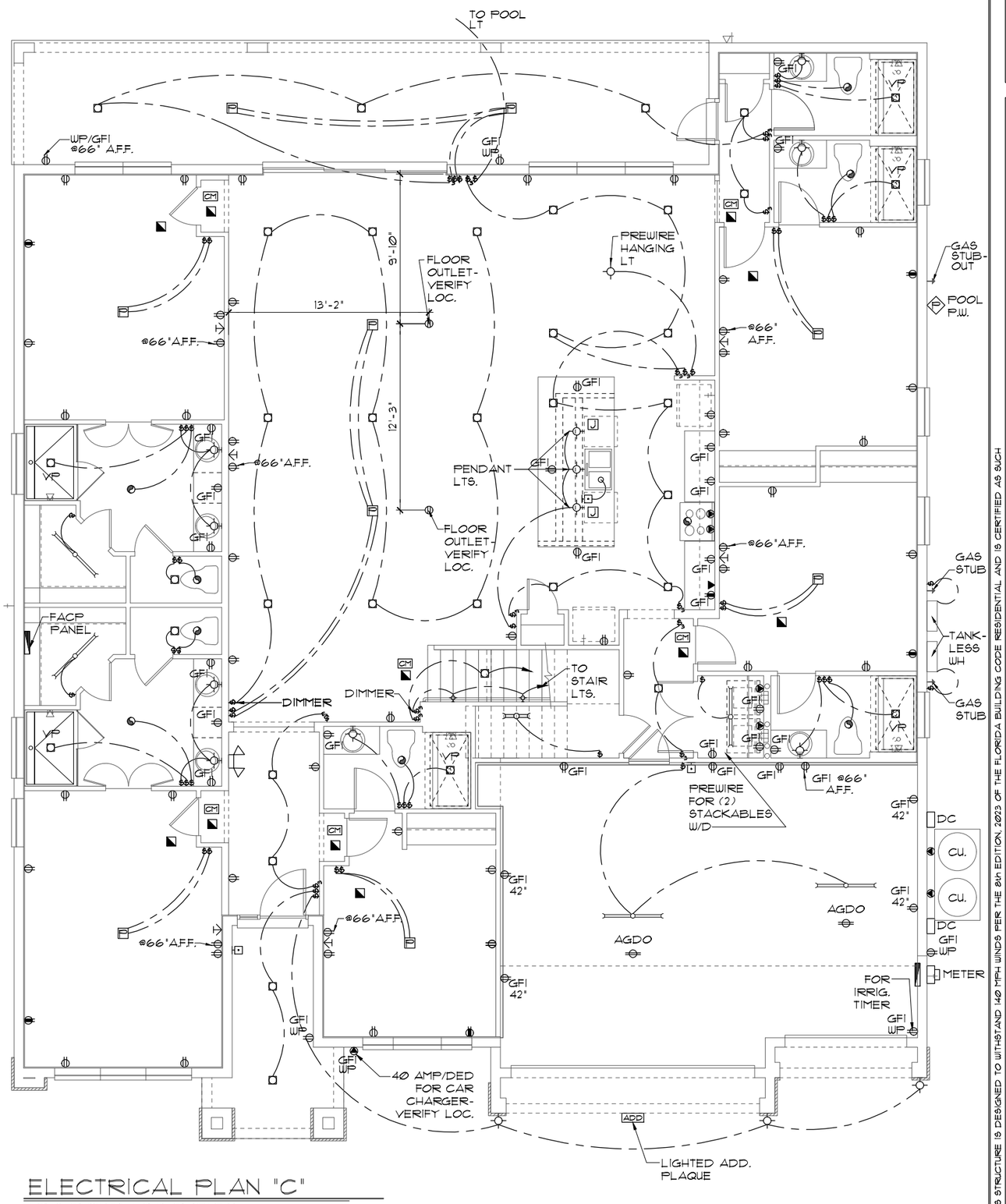
## ELECTRICAL LEGEND

| | | | |
|---|---|---|---|
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| $3 | THREE WAY SWITCH | | OUTLET, PHONE |
| | OUTLET 110-115 | | INTERCOM |
| | OUT. 110-115, SPLIT WIRED | | CHIMES |
| | OUT. 110-115, W/ USB | | SMOKE DETECTOR/SMOKE |
| | OUT. 110-115, CLG. MOUNT. | CM | CARBON MONOXIDE |
| | OUT. 110-115, FLR. MOUNT. | | PUSH BUTTON |
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RISER DIAGRAM




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




ELECTRICAL PLAN "C"

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ELECTRICAL PLAN

WATERFALL

PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 09C.0 |
| OF | SHEETS |

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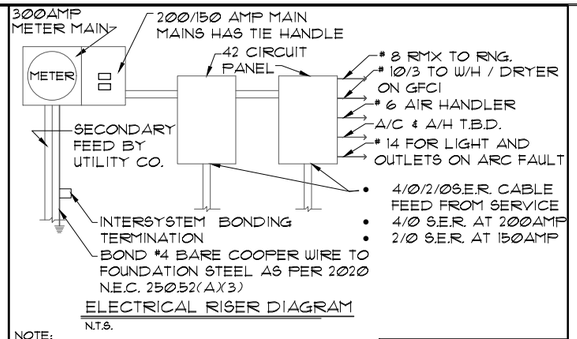
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MAINS HAVE A TIE HANDLE TO MEET NED2020 CODE

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 ½ inch in diameter and at least 20 ft. long, encased in 2 inches of concrete; (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.

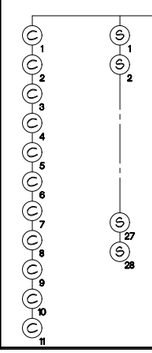
The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated with non-conductive material.
Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present.
Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings or foundations have been poured before the electrical contractor arrives at the site, and a reinforcing rod is not available for use as a grounding electrode, then a grounding connection to the reinforcing rod is not required.

NOTE: THE FIRE ALARM SYSTEM WILL CONSIST OF (1 ) FIRE ALARM CONTROL PANEL - 32 ZONE GEMC-FW32CONVKT WITH (1) SMOKE DETECTOR OVER FIRE ALARM CONTROL PANEL.
ALL INSTALLATION FOR THIS MACURCO CARBON MONOXIDE DETECTOR CM-E1&CONVENTIONAL SMOKE DETECTION FIREWOLF FW2-S SHALL BE INSTALLED PURSUANT THE MANUFACTURE REQUIREMENTS AND NEC 2020 CODE REQUIREMENTS

## ELECTRICAL LEGEND

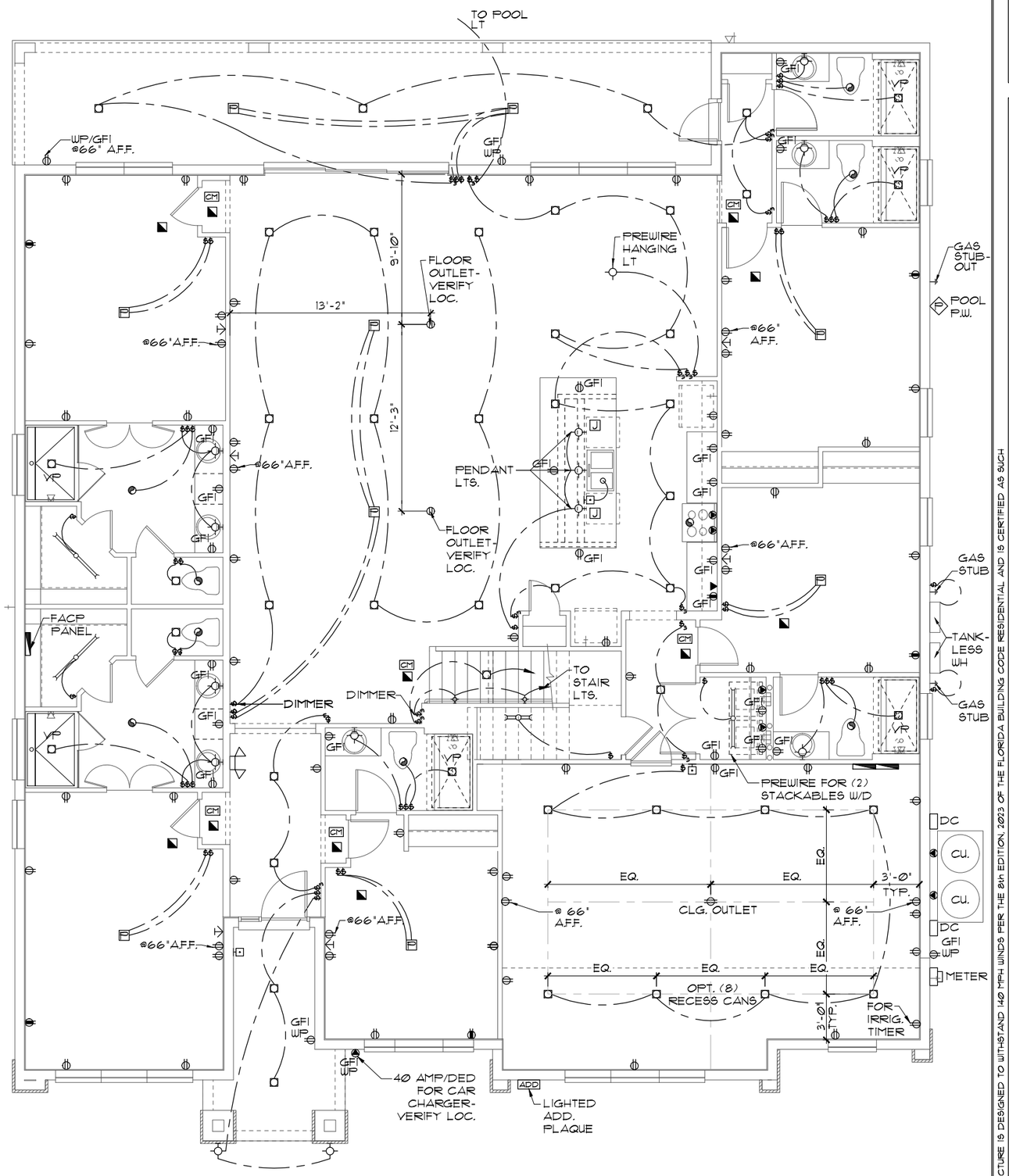
| | | | |
|---|---|---|---|
| $ | SINGLE POLE SWITCH | | OUTLET, TV/CABLE |
| $3 | THREE WAY SWITCH | | OUTLET, PHONE |
| | OUTLET 110-115 | | INTERCOM |
| | OUT. 110-115, SPLIT WIRED | | CHIMES |
| | OUT. 110-115, W/ USB | CM | SMOKE DETECTOR/SMOKE |
| | OUT. 110-115, CLG. MOUNT. | CM | CARBON MONOXIDE |
| | OUT. 110-115, FLR. MOUNT. | | PUSH BUTTON |
| | SPCL. PURPOSE 220-240 | | EXHAUST FAN |
| | LIGHT FIXT., CLG. MTD. | | EX. FAN/LIGHT COMBO |
| | LIGHT FIXT., WALL MTD. | | DISPOSAL |
| | LED LIGHT FIXT., RECESSED | | ELECTRICAL PANEL |
| | LIGHT FIXT., REC. ADJUST. | | CEILING FAN, PREWIRE |
| PC | LIGHT FIXT., PULL CHAIN | | CEILING FAN, INSTALL |
| | LED LIGHT FIXT,FLUORESCENT | J | ELECT. JUNCTION BOX |
| | LIGHT FIXT., EXT. FLOODS | DT | THERMOSTAT |
| EXIT | LIGHT FIXT., EMERG. EXIT | | DISCONNECT SWITCH |
| | LIGHT FIXT., EXIT/BACKUP | | ELEC. POWER METER |

## RISER DIAGRAM




### LEGEND

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




## ELECTRICAL PLAN "C"

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

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

LOT: 0000, PARADISO GRANDE

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PARADISO GRANDE

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Orlando, Florida 32811
Phone (407) 529 - 3000

ELECTRICAL PLAN

WATERFALL

PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 09C.1 |
| 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 ACESSIBLE 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. P2801.7

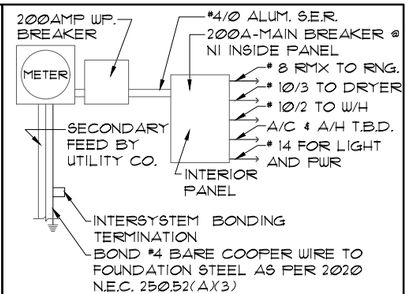
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.

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 ½ 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 |
| $3 | 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. | CM | CARBON MONOXIDE |
| | OUT. 110-115, FLR. MOUNT. | | PUSH BUTTON |
| | SPCL. PURPOSE 220-240 | | EXHAUST FAN |
| | LIGHT FIXT., CLG. MTD. | | EX. FAN/LIGHT COMBO |
| | LIGHT FIXT., WALL MTD. | | DISPOSAL |
| | LED LIGHT FIXT., RECESSED | | ELECTRICAL PANEL |
| | LIGHT FIXT., REC. ADJUST. | | CEILING FAN, PREWIRE |
| PC | LIGHT FIXT., PULL CHAIN | F | CEILING FAN, INSTALL |
| | LED LIGHT FIXT,FLUORESCENT | J | ELECT. JUNCTION BOX |
| | LIGHT FIXT., EXT. FLOODS | T | THERMOSTAT |
| EXIT | LIGHT FIXT., EMERG. EXIT | DS | 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

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PARADISO GRANDE

LOT: 0000, PARADISO GRANDE

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Orlando, Florida 32811
Phone (407) 529 - 3000

ELECTRICAL PLAN

WATERFALL
PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 10.0 |
| OF | SHEETS |

# MECHANICAL/GENERAL NOTES

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

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

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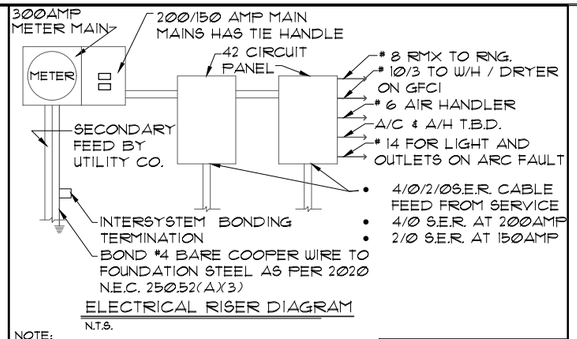
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12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A)(2)

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




ELECTRICAL RISER DIAGRAM

N.T.S.

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

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

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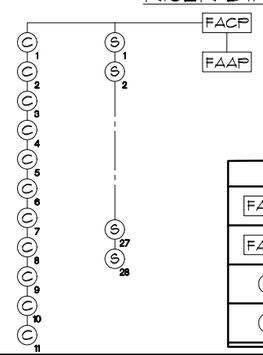
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NOTE: THE FIRE ALARM SYSTEM WILL CONSIST OF (1 ) FIRE ALARM CONTROL PANEL - 32 ZONE GEMC-FW32CONVKT WITH (1) SMOKE DETECTOR OVER FIRE ALARM CONTROL PANEL. ALL INSTALLATION FOR THIS MACURCO CARBON MONOXIDE DETECTOR CM-E1&CONVENTIONAL SMOKE DETECTION FIREWOLF FW2-S SHALL BE INSTALLED PURSUANT THE MANUFACTURE REQUIREMENTS AND NEC 2020 CODE REQUIREMENTS

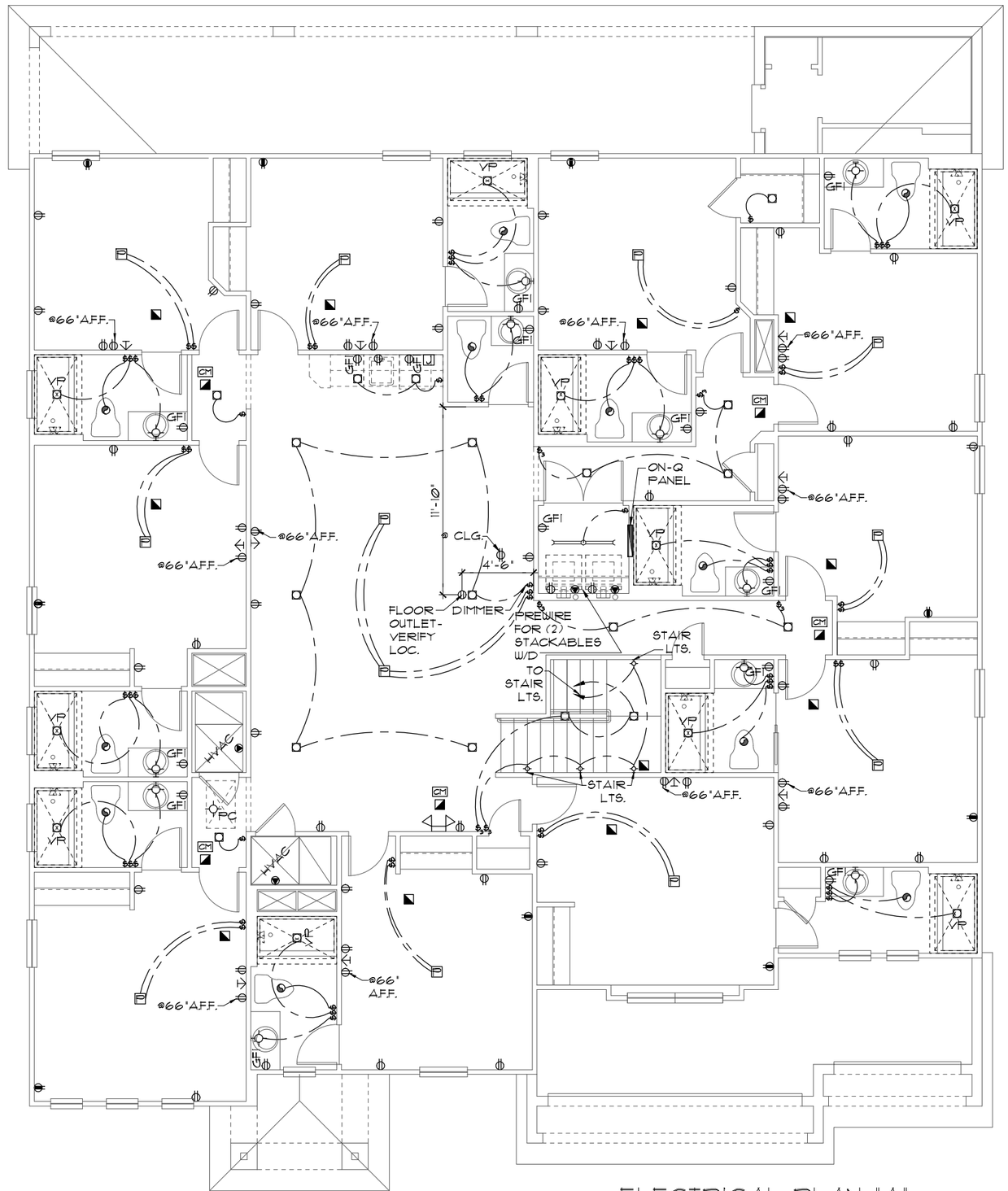
## ELECTRICAL LEGEND

| | | | |
|---|---|---|---|
| $ | SINGLE POLE SWITCH | | OUTLET, TV/CABLE |
| $3 | THREE WAY SWITCH | | OUTLET, PHONE |
| | OUTLET 110-115 | | INTERCOM |
| | OUT. 110-115, SPLIT WIRED | | CHIMES |
| | OUT. 110-115, W/ USB | | SMOKE DETECTOR/SMOKE |
| | OUT. 110-115, CLG. MOUNT. | CM | 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 |
| E | LIGHT FIXT., REC. ADJUST. | | CEILING FAN, PREWIRE |
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| | LED LIGHT FIXT,FLUORESCENT | J | ELECT. JUNCTION BOX |
| | LIGHT FIXT., EXT. FLOODS | T | THERMOSTAT |
| EXIT | LIGHT FIXT., EMERG. EXIT | DS | 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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ELECTRICAL PLAN

WATERFALL

PARADISO GRANDE

6374

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 6374

SHEET 10A.0

OF SHEETS

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

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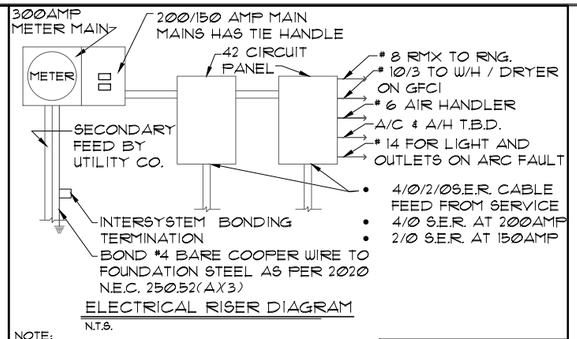
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N.T.S.

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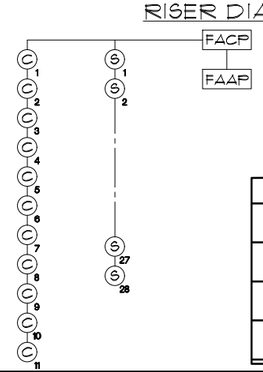
The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated with non-conductive material.
Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings or foundations have been poured before the electrical contractor arrives at the site, and a reinforcing rod is not available for use as a grounding electrode, then a grounding connection to the reinforcing rod is not required.

NOTE: THE FIRE ALARM SYSTEM WILL CONSIST OF (1) FIRE ALARM CONTROL PANEL - 32 ZONE GEMC-FW32CONVKT WITH (1) SMOKE DETECTOR OVER FIRE ALARM CONTROL PANEL. ALL INSTALLATION FOR THIS MACURCO CARBON MONOXIDE DETECTOR CM-E1 & CONVENTIONAL SMOKE DETECTION FIREWOLF FW2-S SHALL BE INSTALLED PURSUANT THE MANUFACTURE REQUIREMENTS AND NEC 2020 CODE REQUIREMENTS

## ELECTRICAL LEGEND

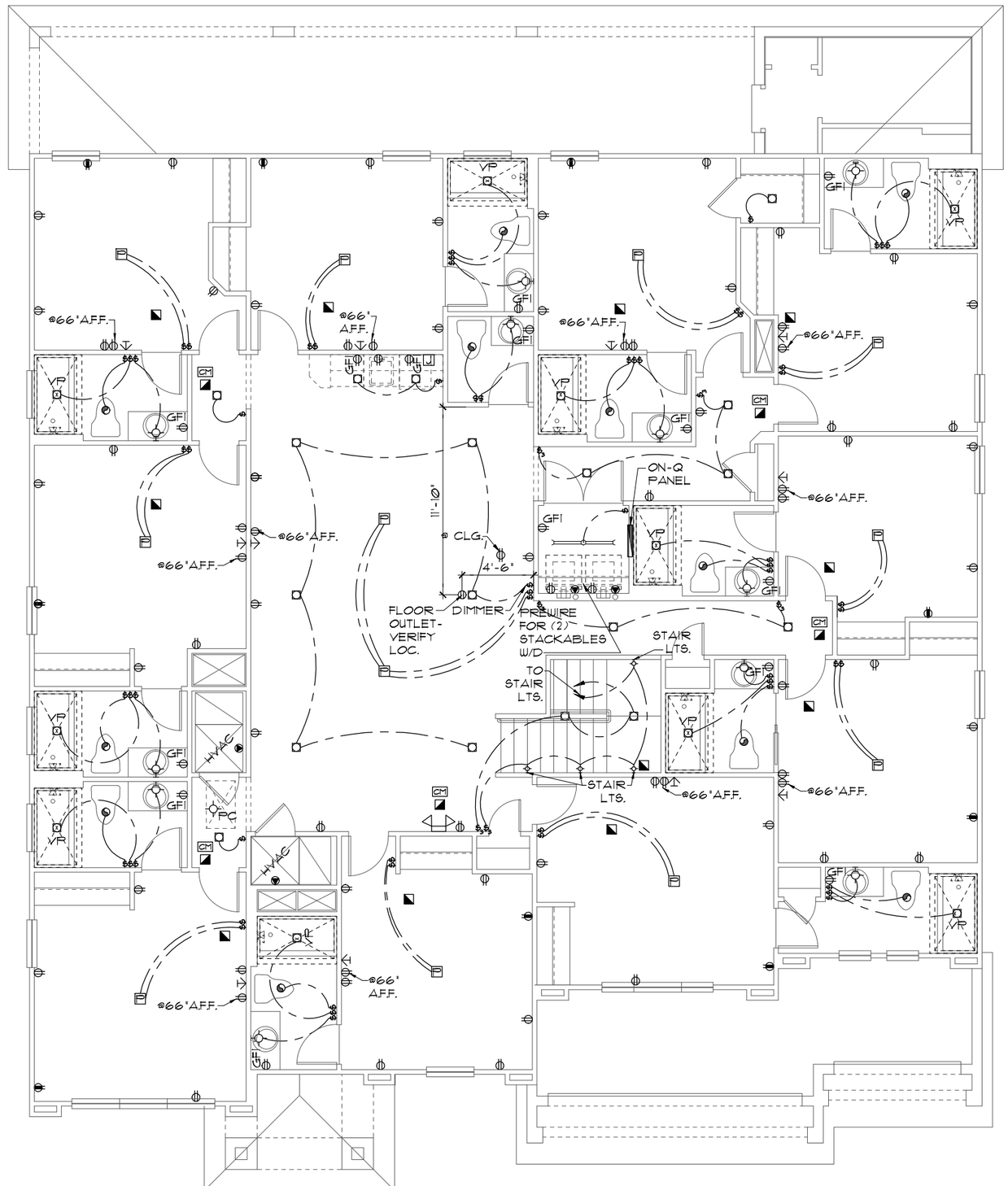
| | | | |
|---|---|---|---|
| | SINGLE POLE SWITCH | | OUTLET, TV/CABLE |
| | THREE WAY SWITCH | | OUTLET, PHONE |
| | OUTLET 110-115 | | INTERCOM |
| | OUT. 110-115, SPLIT WIRED | | CHIMES |
| | OUT. 110-115, W/ USB | | SMOKE DETECTOR/SMOKE |
| | OUT. 110-115, CLG. MOUNT. | CM | CARBON MONOXIDE |
| | 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 |
| E | LIGHT FIXT., REC. ADJUST. | | CEILING FAN, PREWIRE |
| PC | LIGHT FIXT., PULL CHAIN | F | CEILING FAN, INSTALL |
| | LED LIGHT FIXT,FLUORESCENT | J | ELECT. JUNCTION BOX |
| | LIGHT FIXT., EXT. FLOODS | T | THERMOSTAT |
| EXIT | 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)

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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ELECTRICAL PLAN

WATERFALL
PARADISO GRANDE

6374

DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 6374
SHEET 10B.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 ACESSIBLE 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.) 1AW 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.) 1AW 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 1AW 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. 1AW FBCR 2023, 8TH ED. P2801.7

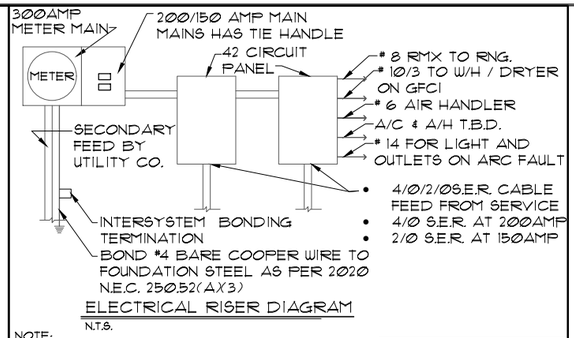
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. 1AW FBCR 2023, 8TH ED.

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
N.T.S.

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

MAINS HAVE A TIE HANDLE TO MEET NED2020 CODE

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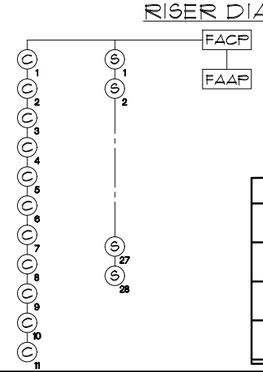
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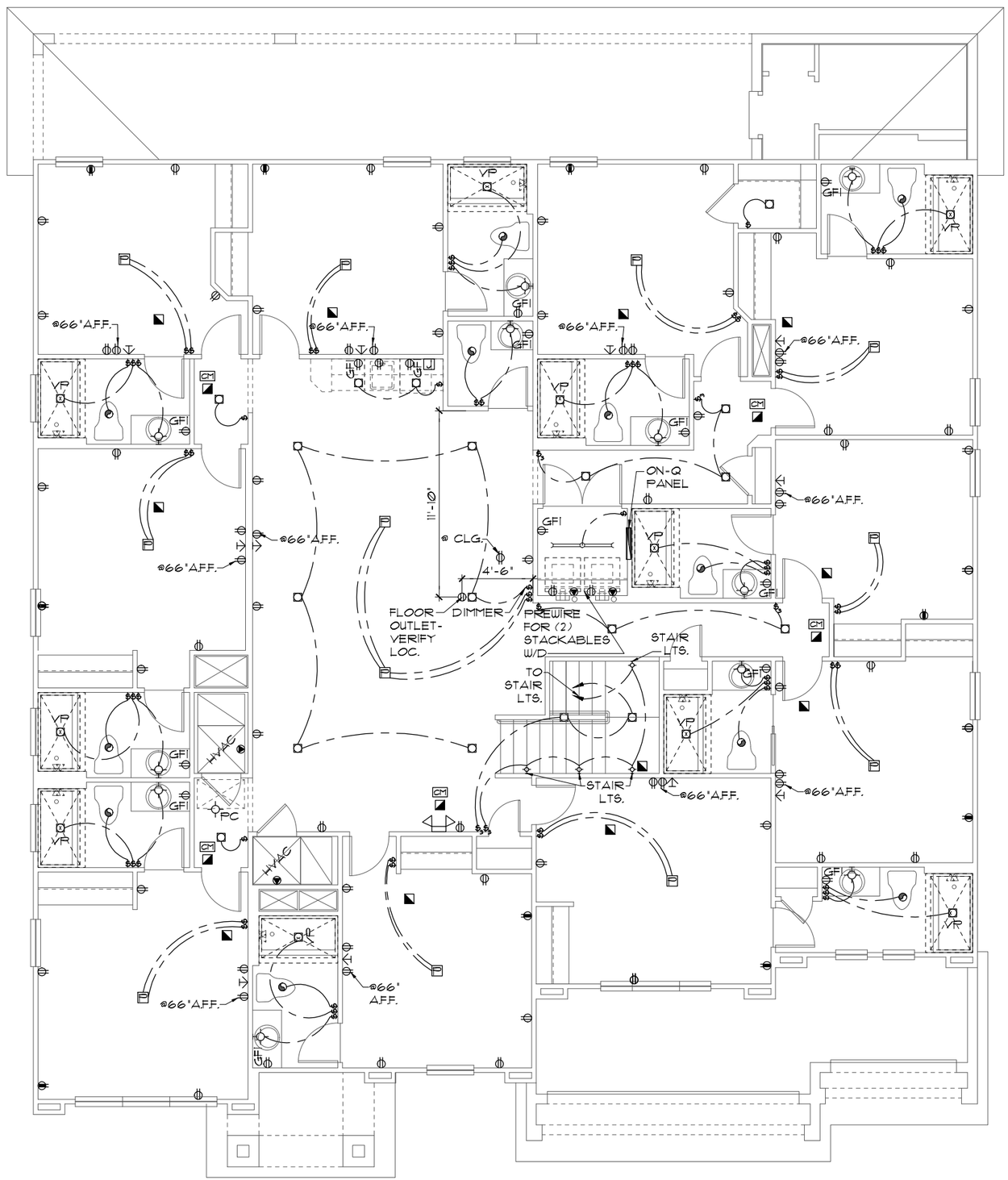
## ELECTRICAL LEGEND

| | | | |
|---|---|---|---|
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| | THREE WAY SWITCH | | OUTLET, PHONE |
| | OUTLET 110-115 | | INTERCOM |
| | OUT. 110-115, SPLIT WIRED | | CHIMES |
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| PC | LIGHT FIXT., PULL CHAIN | | CEILING FAN, INSTALL |
| | LED LIGHT FIXT,FLUORESCENT | | ELECT. JUNCTION BOX |
| | LIGHT FIXT., EXT. FLOODS | DT | THERMOSTAT |
| EXIT | LIGHT FIXT., EMERG. EXIT | | DISCONNECT SWITCH |
| | LIGHT FIXT., EXIT/BACKUP | | ELEC. POWER METER |

## RISER DIAGRAM




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




## ELECTRICAL PLAN "C"
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ELECTRICAL PLAN

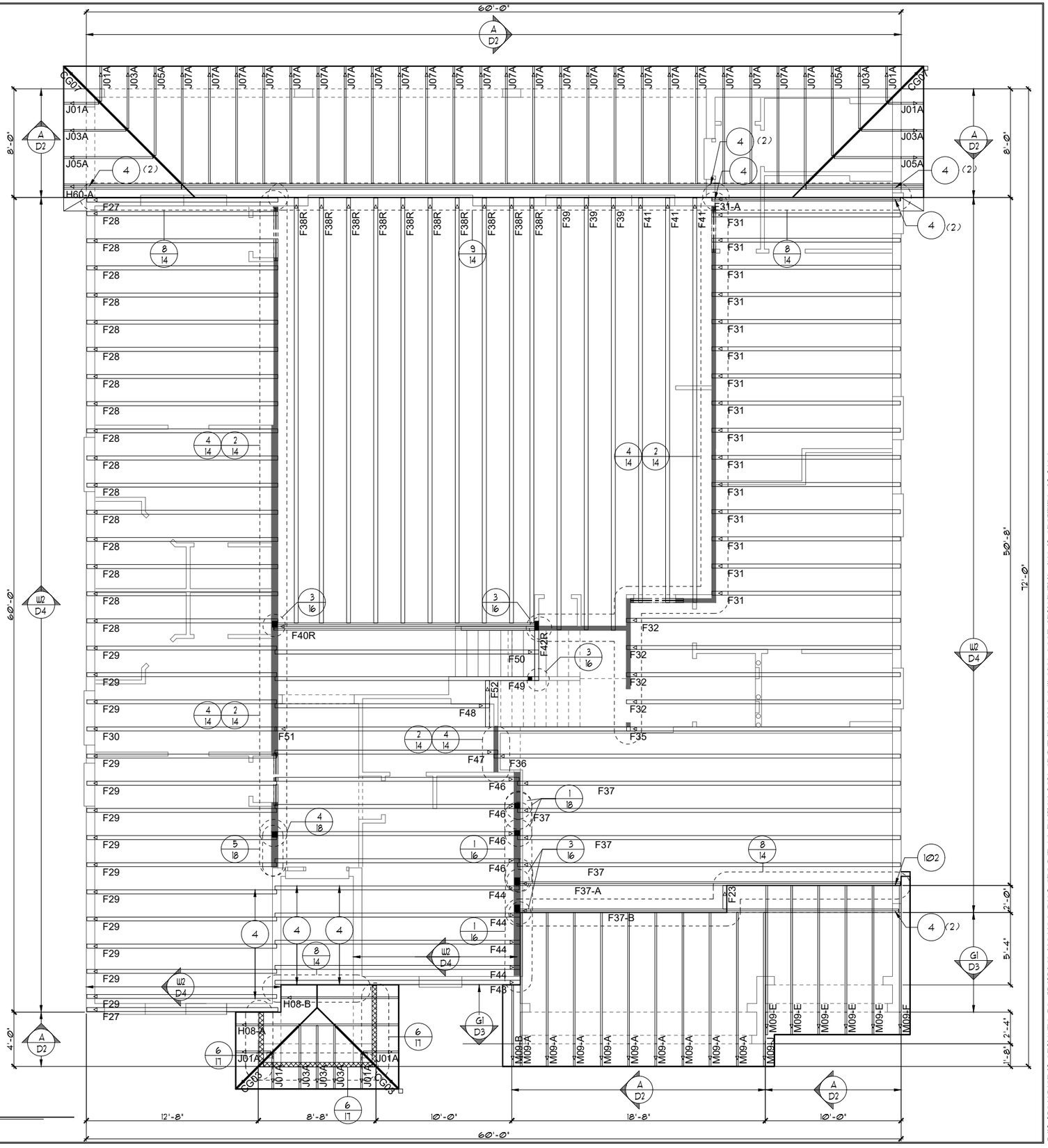
WATERFALL
PARADISO GRANDE

6374

DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 6374
SHEET 10C.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.
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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 BCSI 1.
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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 MAXIMUN OPENING SIZES :
   - O-HAGIN - 7" 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)

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TRUSS LAYOUT "A"

WATERFALL

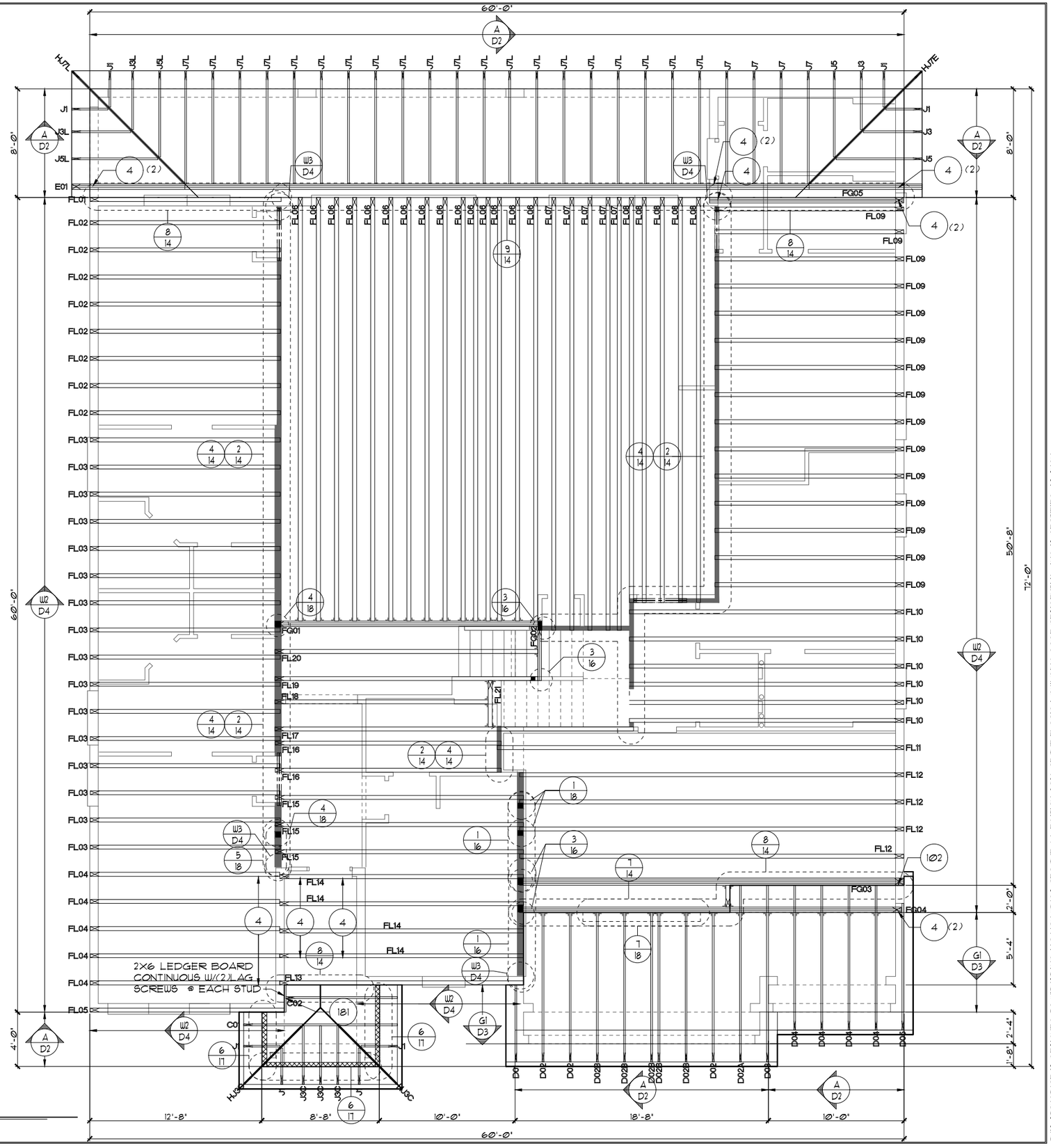
PARADISO GRANDE

6374

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| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 11A.0 |
| OF | SHEETS |

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TRUSS LAYOUT "A"

WATERFALL

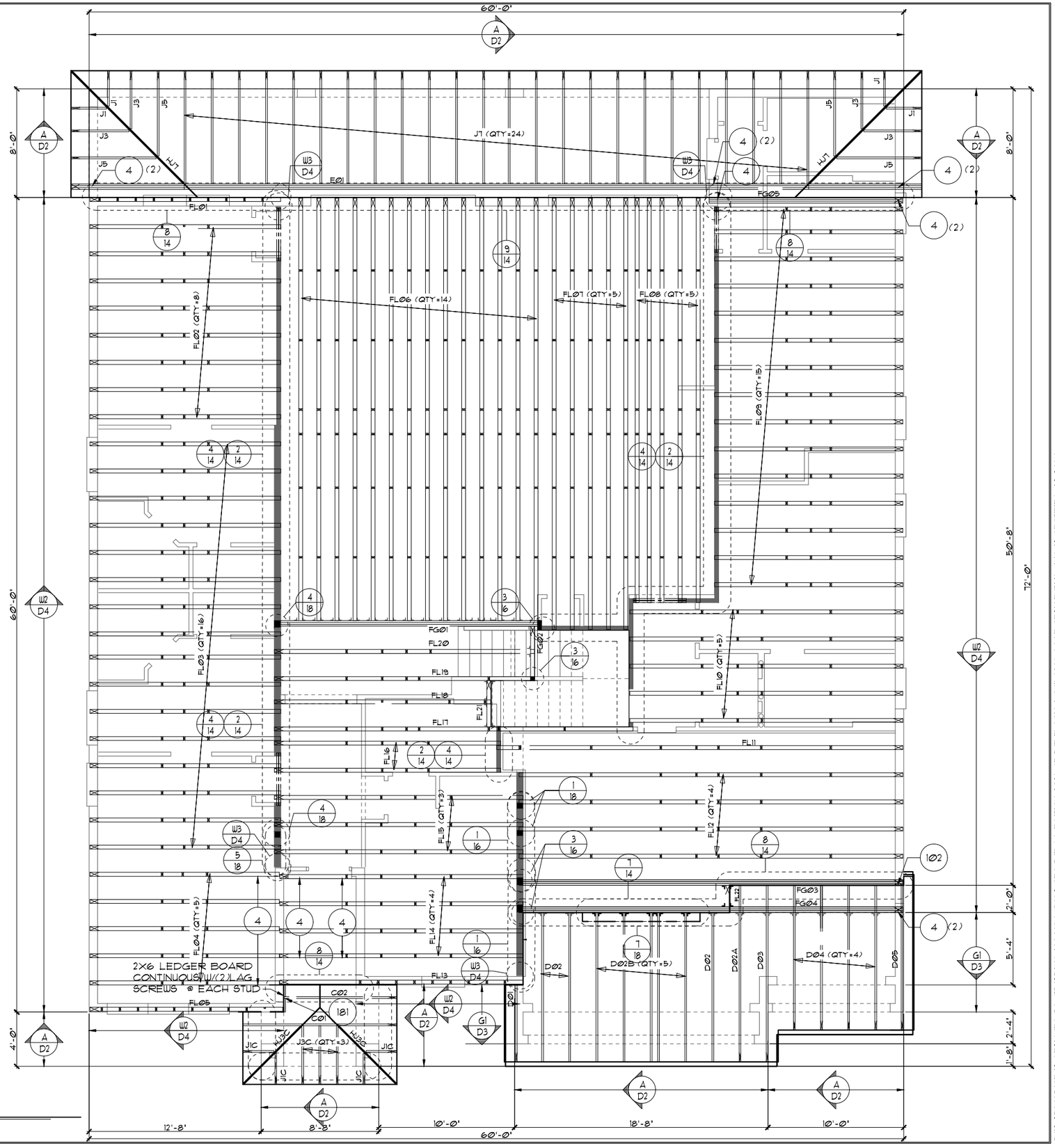
PARADISO GRANDE

6374

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TRUSS LAYOUT "A"

WATERFALL

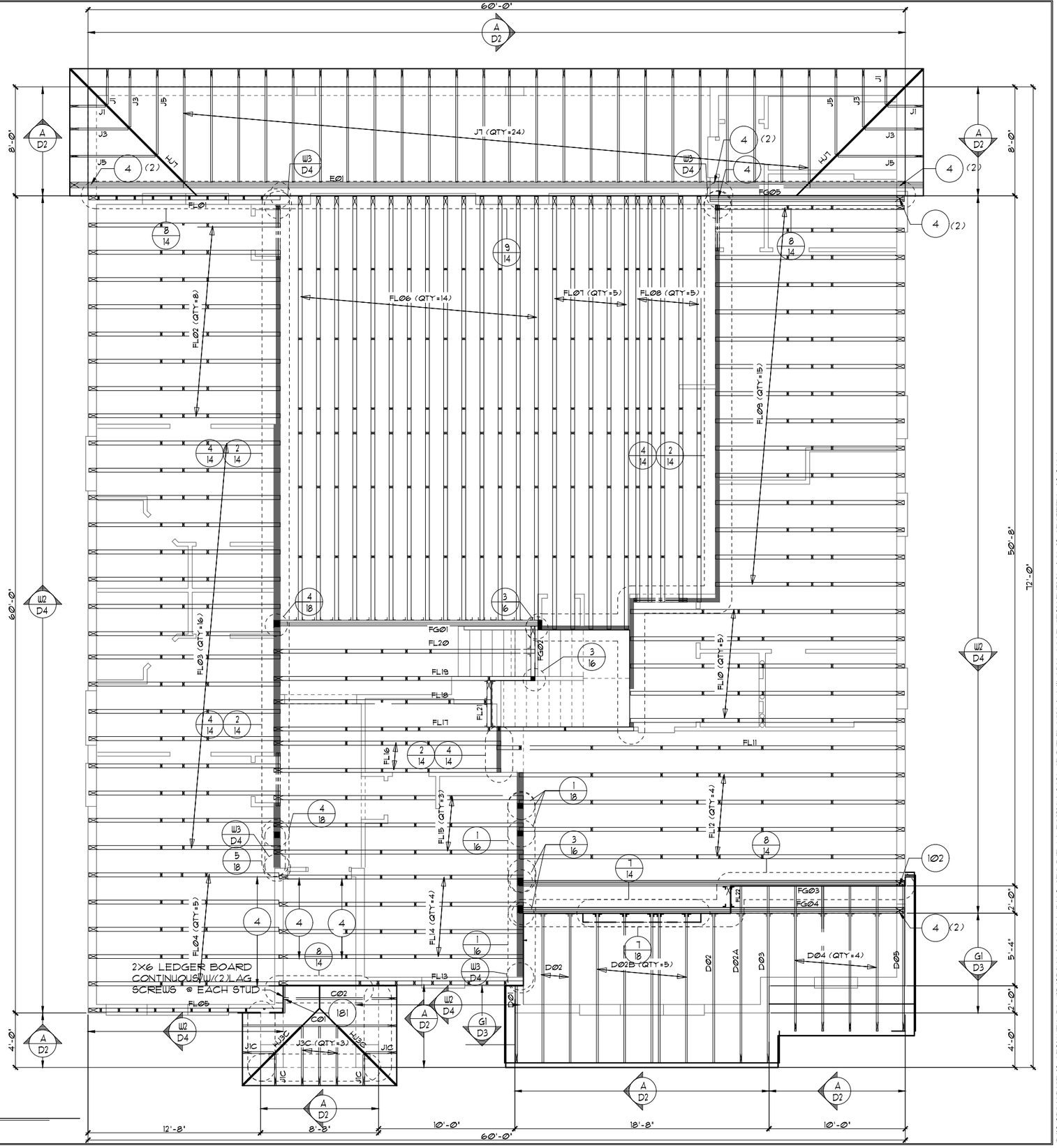
PARADISO GRANDE

6374

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

TRUSS LAYOUT "A"

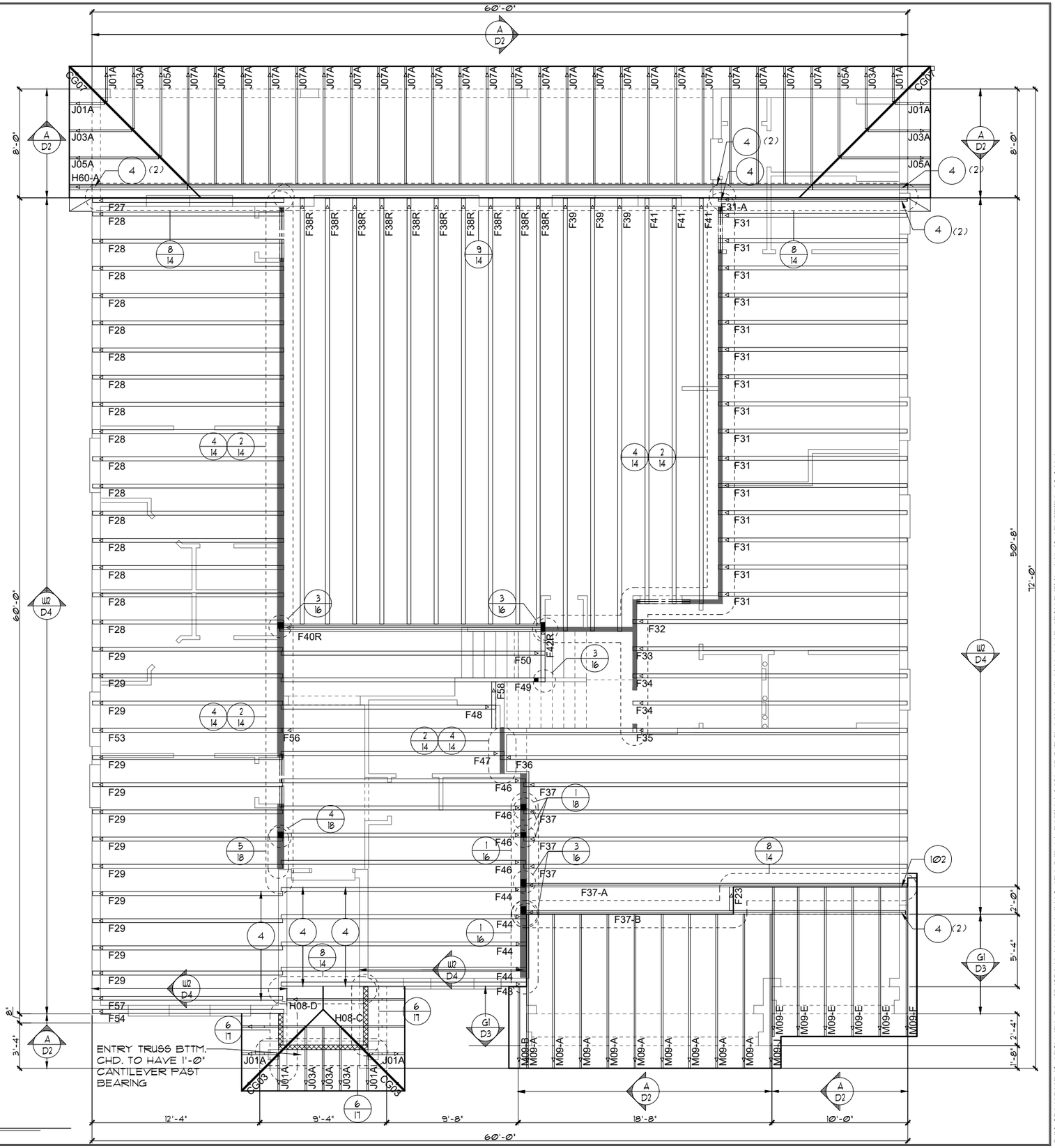
WATERFALL
PARADISO GRANDE

6374

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|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 11A.1 |
| OF | SHEETS |

## NOTES

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

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TRUSS LAYOUT "B"

WATERFALL

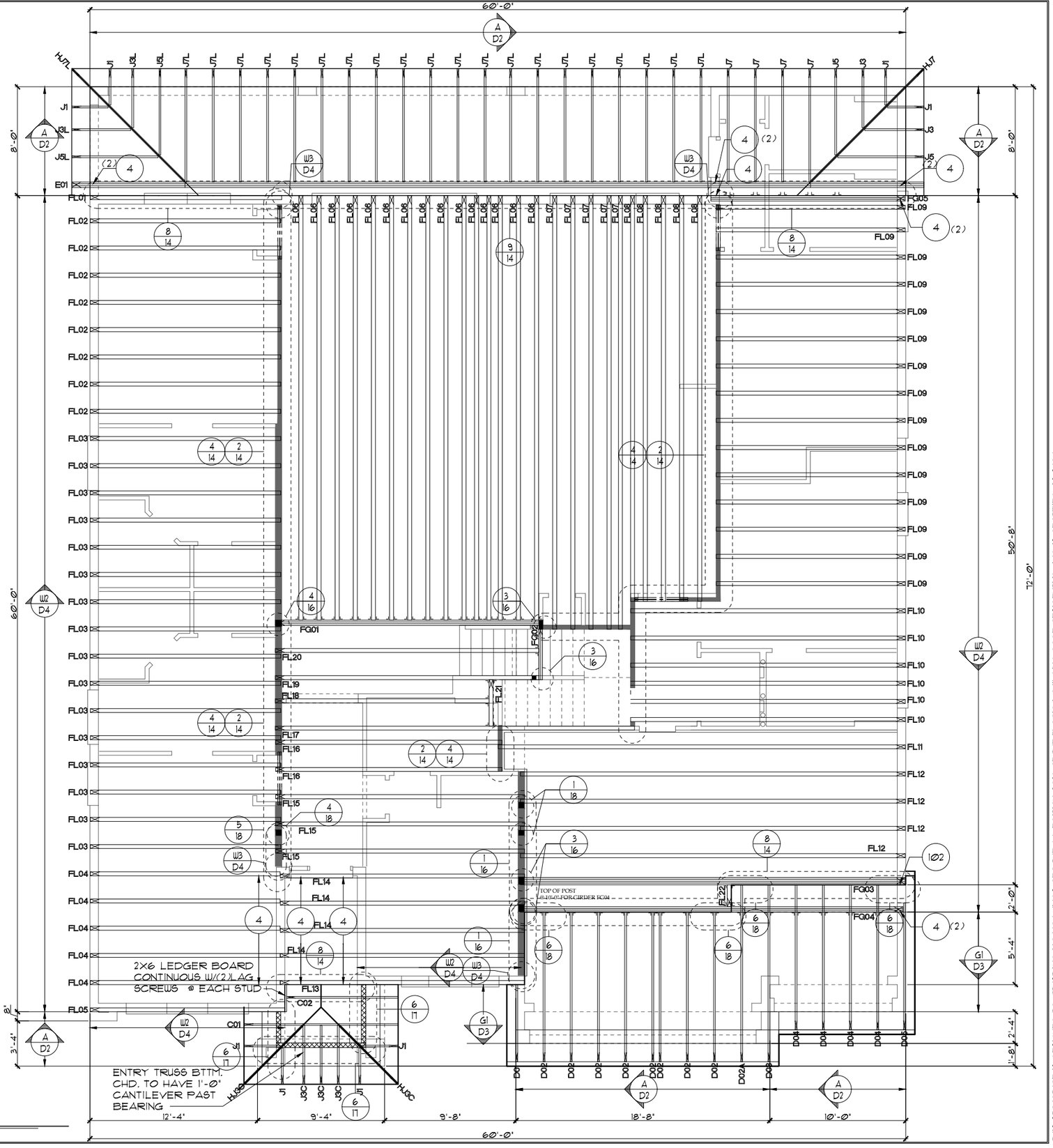
PARADISO GRANDE

6374

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| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 11B.0 |
| OF | SHEETS |

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TRUSS LAYOUT "B"

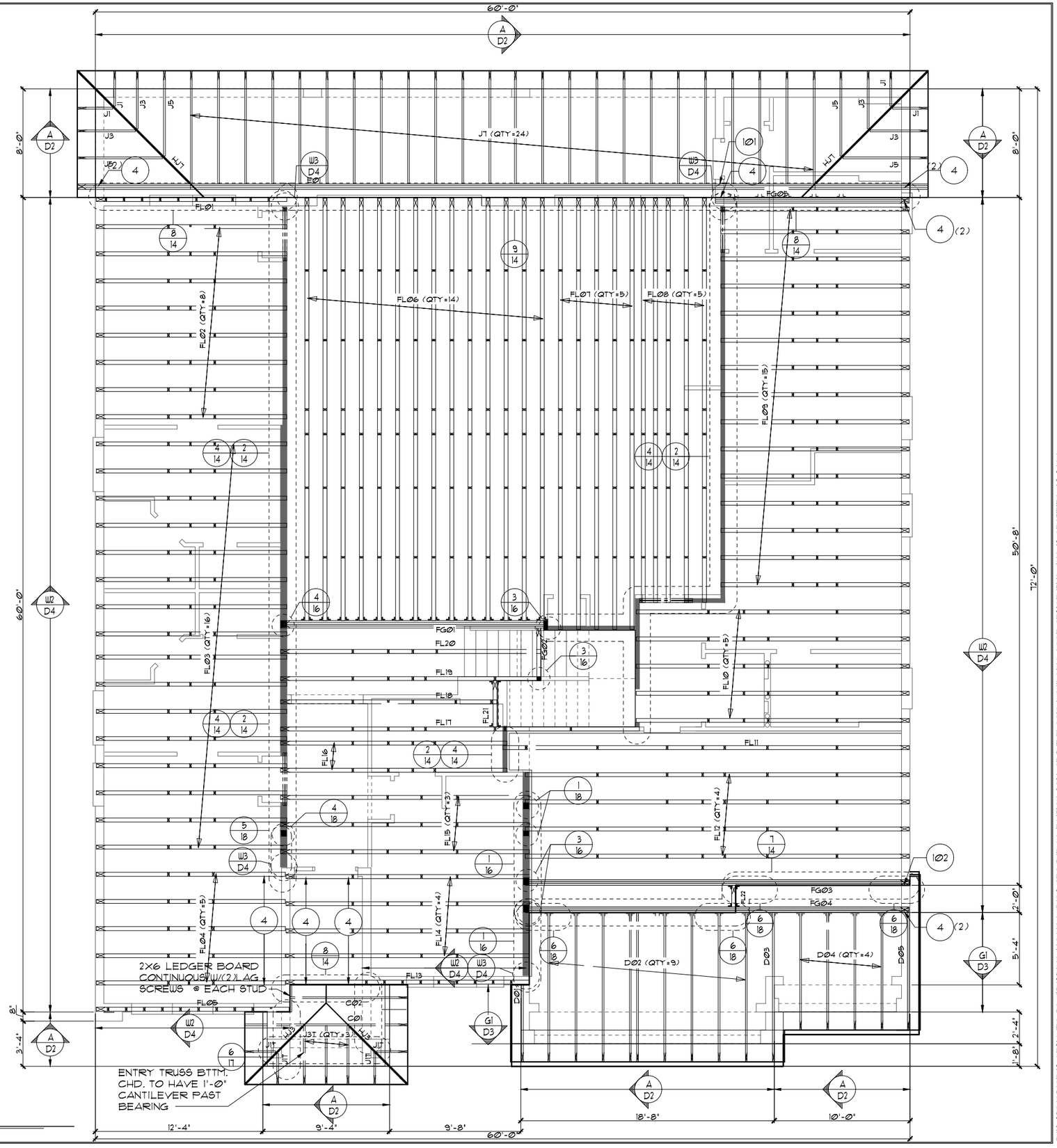
WATERFALL
PARADISO GRANDE

6374

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|---|---|
| DATE | 04-09-21 |
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| DRAWN | RDC |
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WATERFALL
PARADISO GRANDE

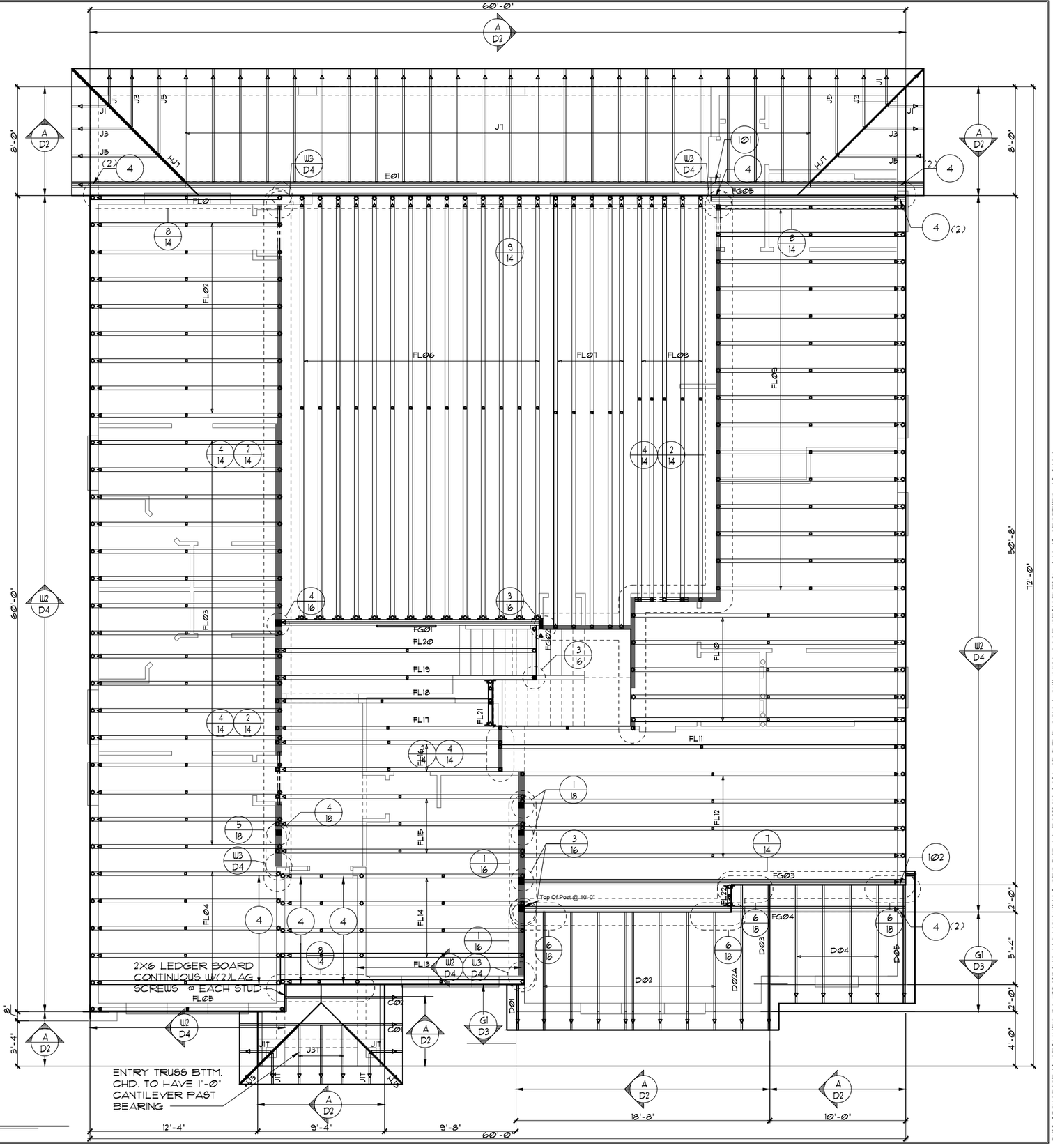
TRUSS LAYOUT "B"

6374

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|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 11B.0 |
| OF | SHEETS |

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TRUSS LAYOUT "B"

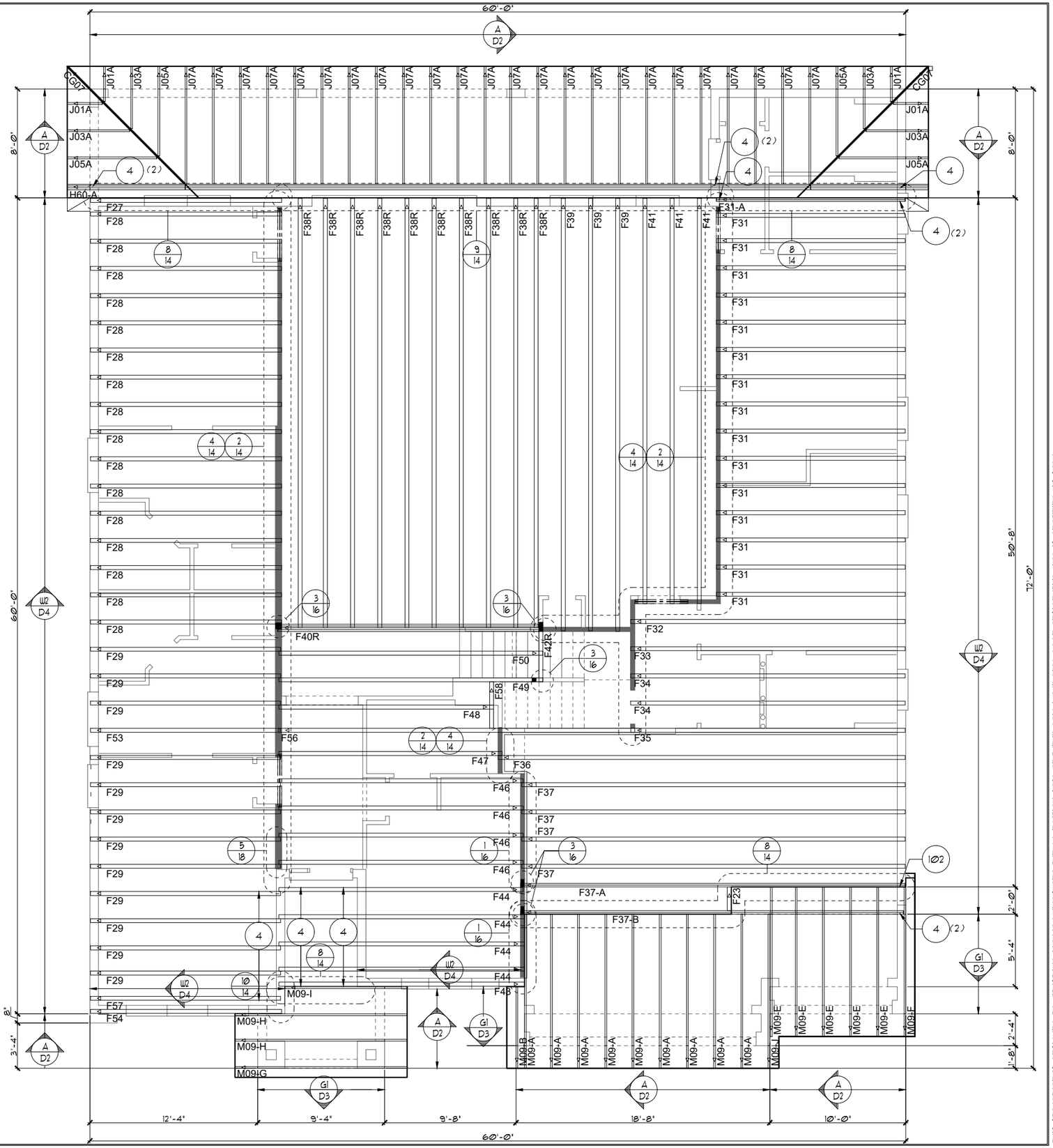
WATERFALL
PARADISO GRANDE

6374

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|---|---|
| DATE | 04-09-21 |
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| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 11B.1 |
| OF | SHEETS |

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TRUSS LAYOUT "C"

WATERFALL

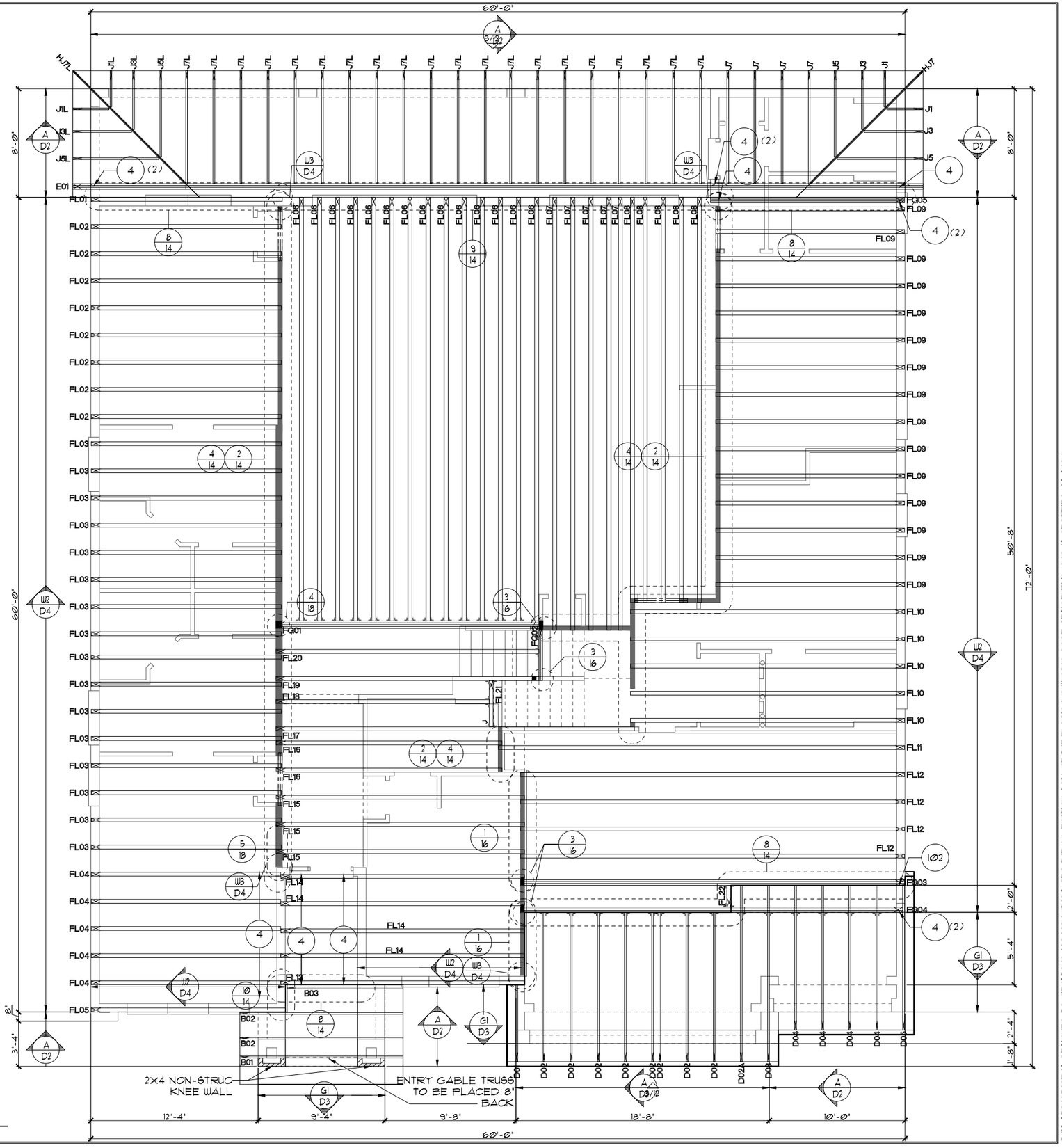
PARADISO GRANDE

6374

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|---|---|
| DATE | 04-09-21 |
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| DRAWN | RDC |
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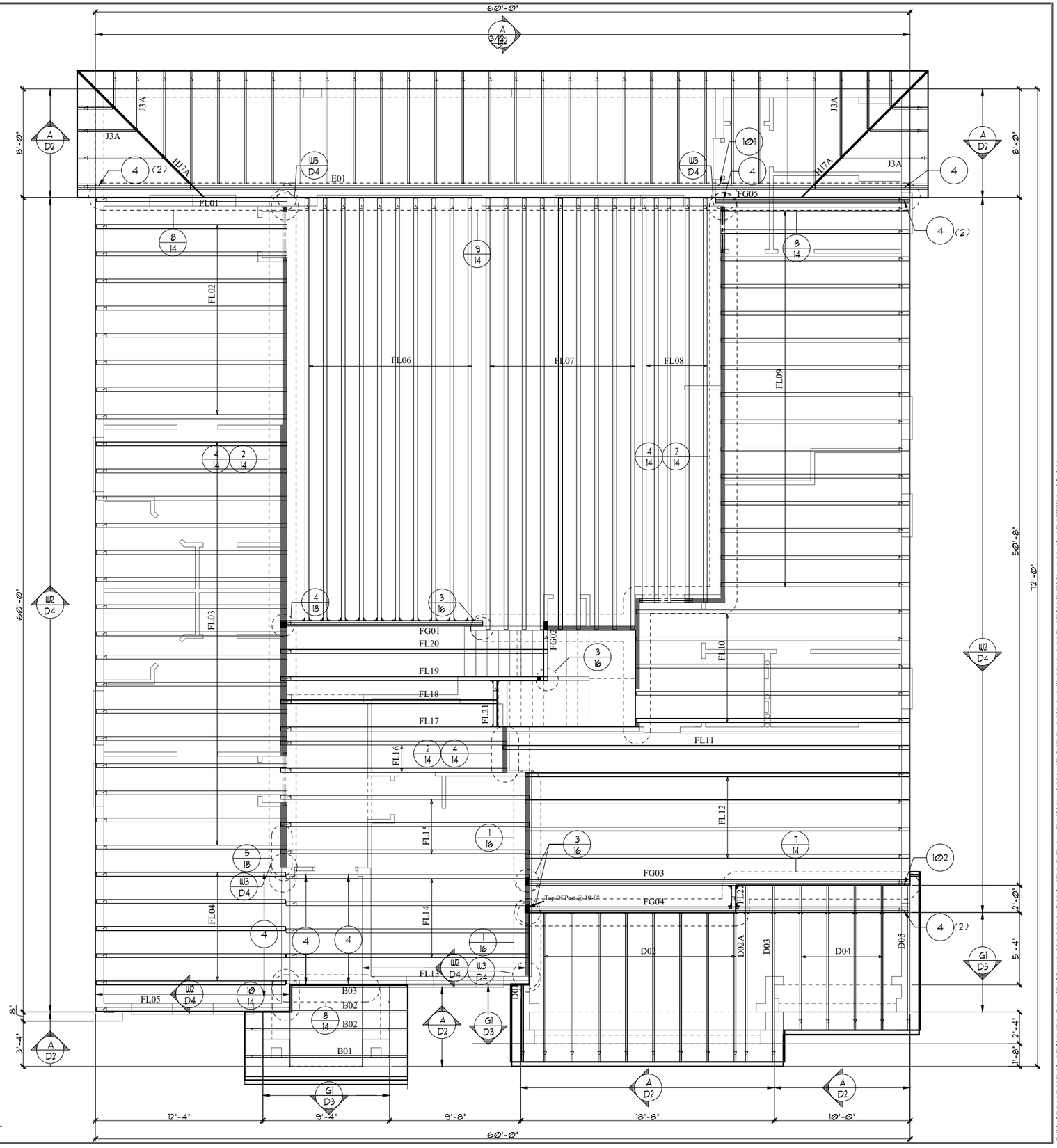
WATERFALL
PARADISO GRANDE

6374

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TRUSS LAYOUT "C"

WATERFALL

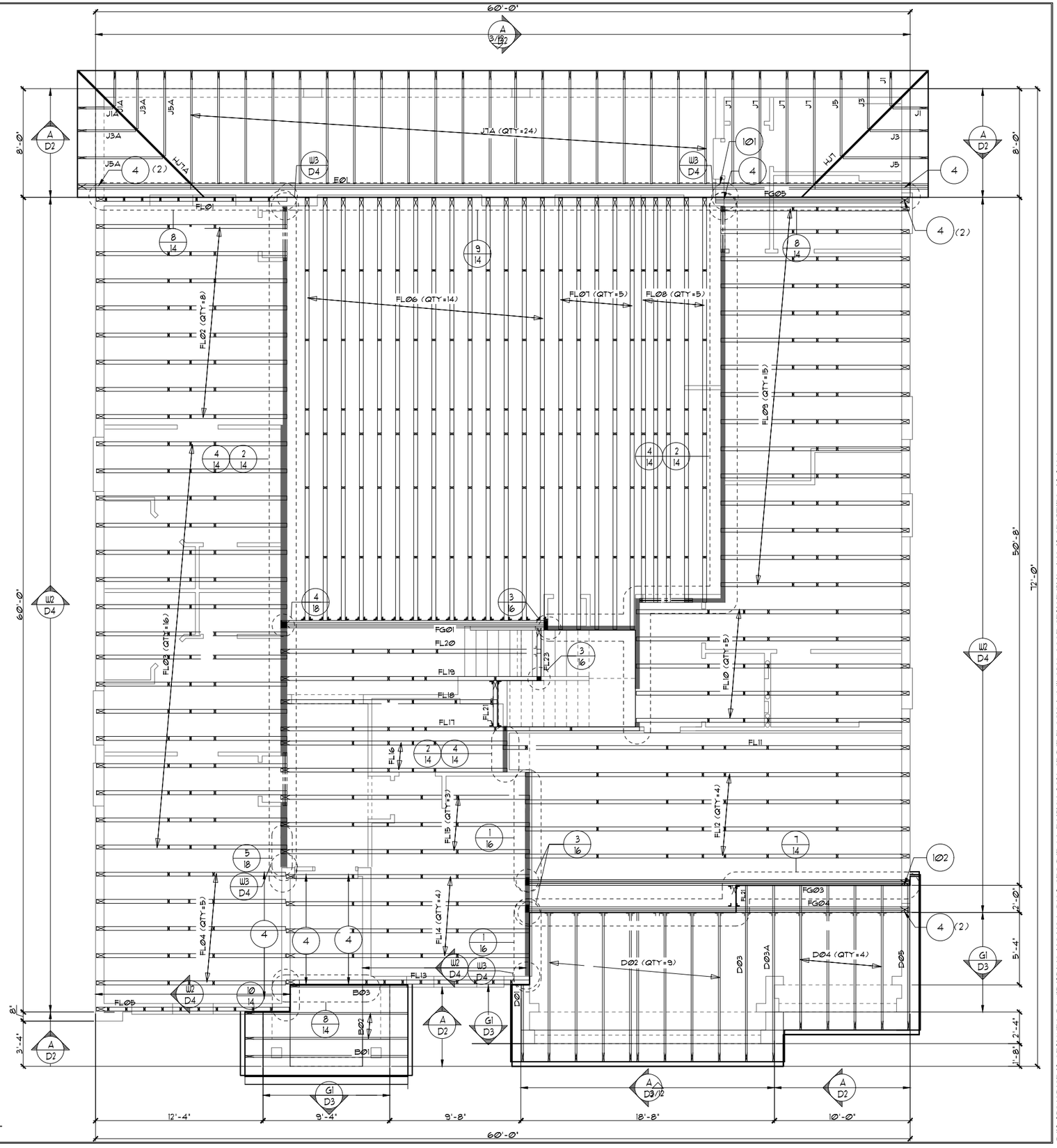
PARADISO GRANDE

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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 MAXIMUN OPENING SIZES :
   - O-HAGIN - 7" X 19" HOLE
9. 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

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

TRUSS LAYOUT "C"

WATERFALL

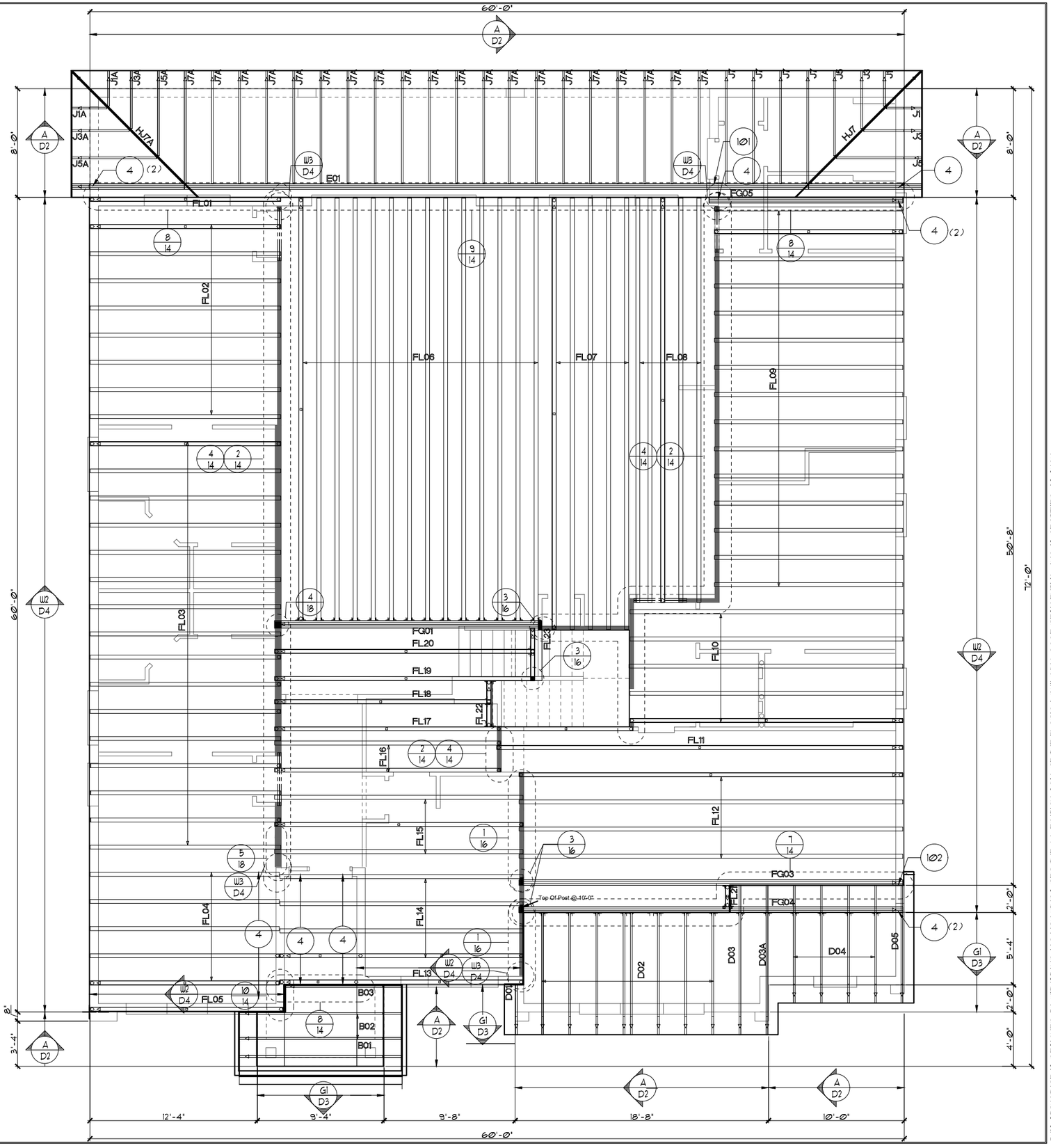
PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 11C.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.
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 BCSI 1.
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8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
   - O-HAGIN - 7" X 19" HOLE
9. 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

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Orlando, Florida 32811
Phone (407) 529 - 3000

TRUSS LAYOUT "C"

WATERFALL
PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 11C.1 |
| 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: 3,559 S.F. / 300 = 11.87 S.F. NET FREE VENT. REQUIRED

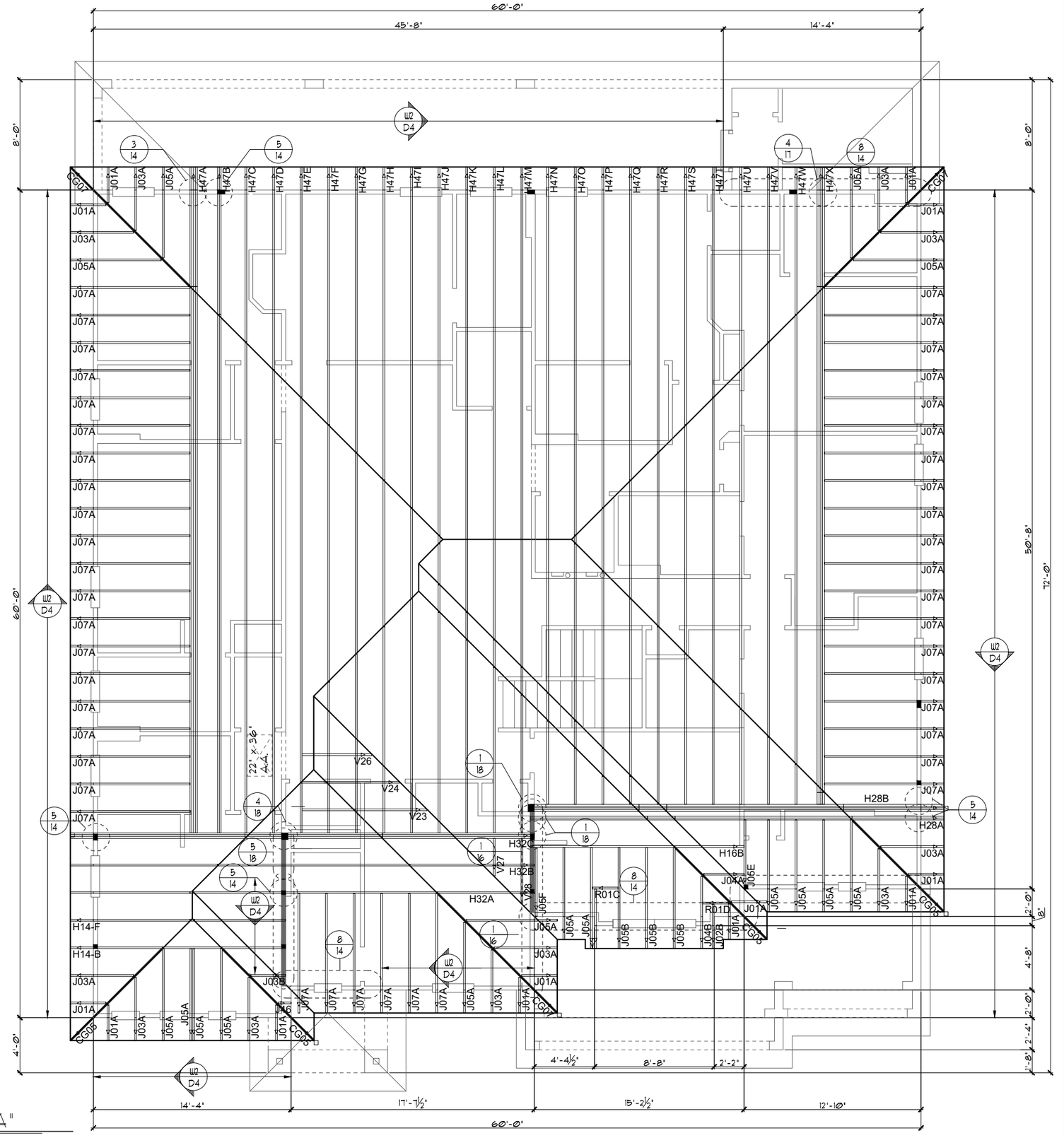
UPPER PORTION VENTILATION TOTAL:-------- 4.85 S.F.
PROVIDED W/OFF RIDGE VENTS: 5 VENTS @ 97 S.F. /VENT.
(VENT TYPE: O'HAGIN MODEL 'S')

LOWER PORTION VENTILATION TOTAL:-------- 25.83 S.F.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:
( 297 L.F. @ 0.087 S.F. VENTING PER L.F.)

UPPER PORTION PERCENTAGE: 41%
LOWER PORTION PERCENTAGE: 59%

## NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
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9. TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R905.3.5




## UPPER TRUSS LAYOUT "A"

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

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WATERFALL
PARADISO GRANDE

UPPER TRUSS LAYOUT "A"

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 12A.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).

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TOTAL VENTED SPACE: 3,559 S.F. / 300 = 11.87 S.F. NET FREE VENT. REQUIRED

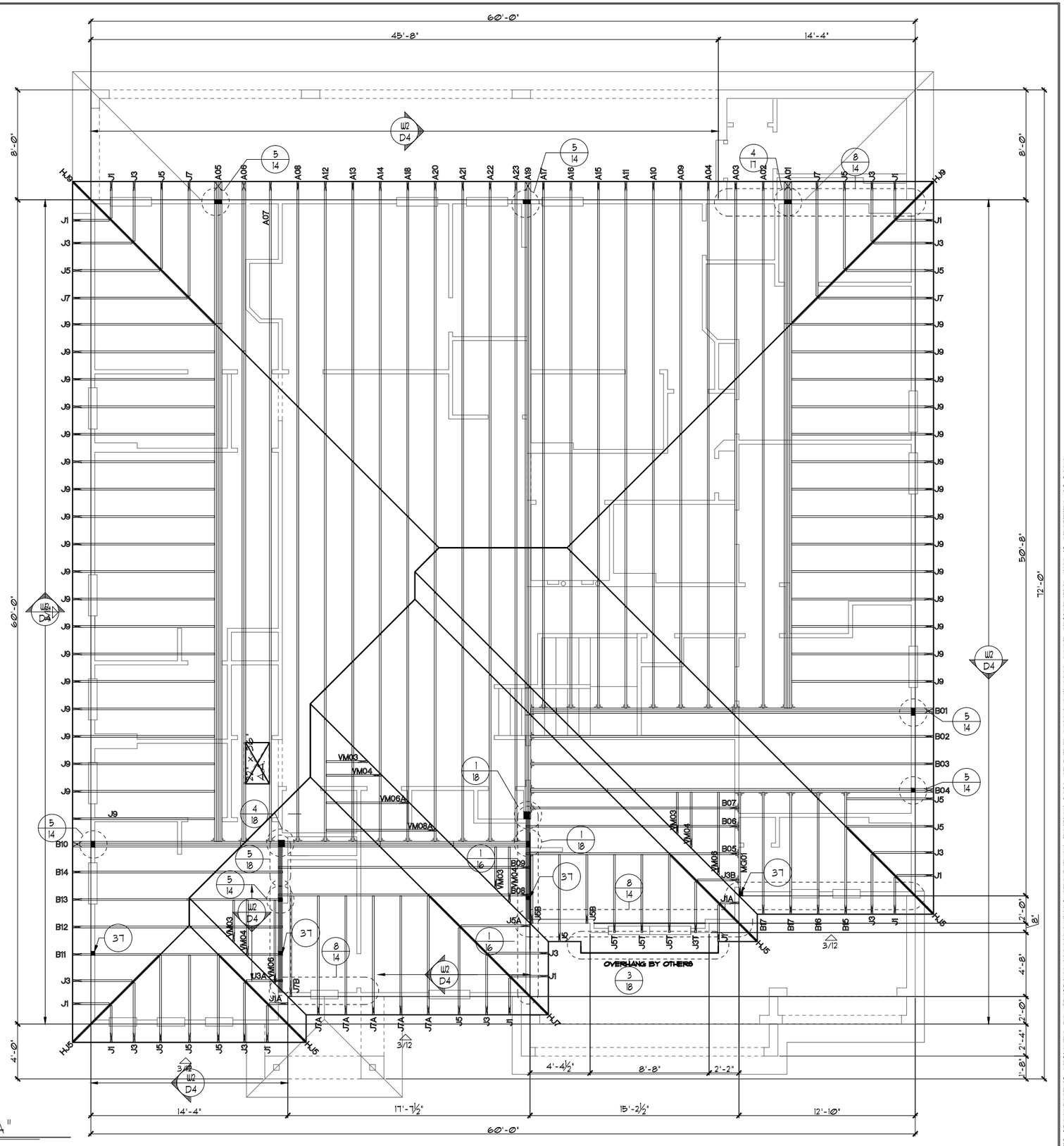
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(VENT TYPE: O'HAGIN MODEL 'S')

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PROVIDED W/ VENTILATED SOFFITS @ EAVE:
( 297 L.F. @ 0.087 S.F. VENTING PER L.F.)

UPPER PORTION PERCENTAGE: 41%
LOWER PORTION PERCENTAGE: 59%

## NOTES

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9. TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R905.3.5




## UPPER TRUSS LAYOUT "A"

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

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Phone (407) 529 - 3000

UPPER TRUSS LAYOUT "A"

WATERFALL — PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 12A.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).

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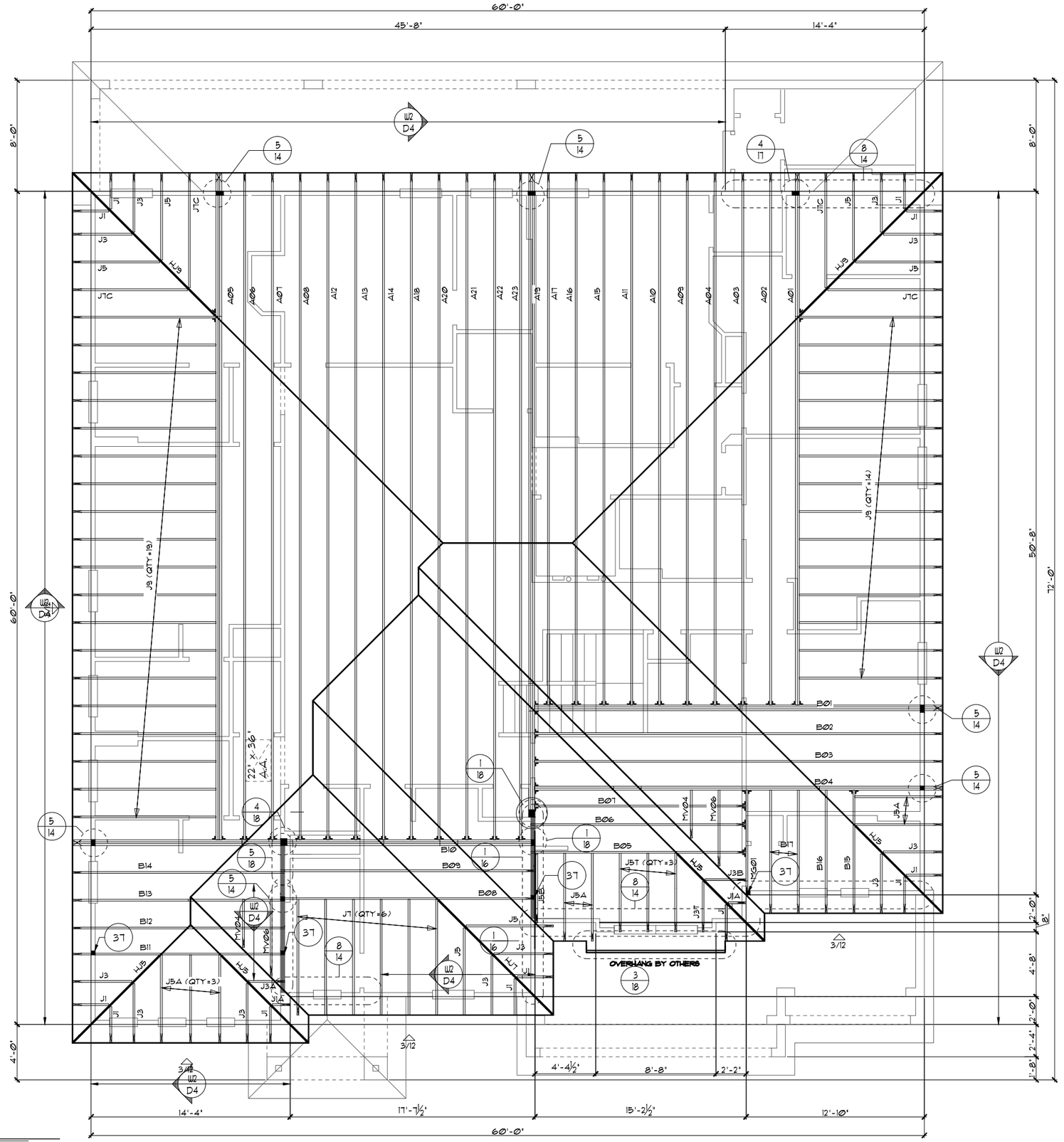
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(VENT TYPE: O'HAGIN MODEL 'S')

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PROVIDED W/ VENTILATED SOFFITS @ EAVE:
( 297 L.F. @ 0.087 S.F. VENTING PER L.F.)

UPPER PORTION PERCENTAGE: 41%
LOWER PORTION PERCENTAGE: 59%

## NOTES

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## UPPER TRUSS LAYOUT "A"

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

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UPPER TRUSS LAYOUT "A"

WATERFALL
PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 12A.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).

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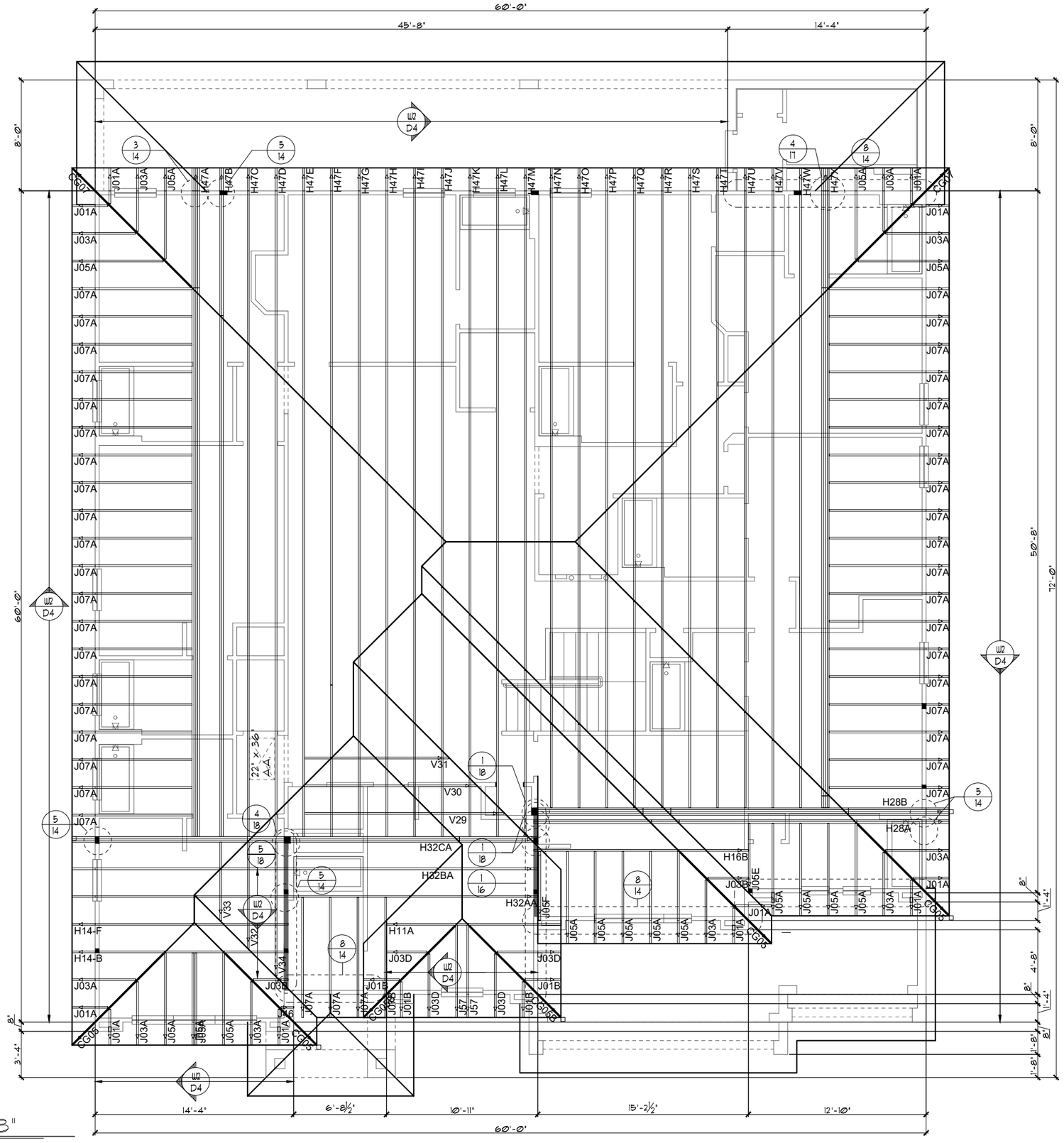
UPPER PORTION VENTILATION TOTAL:-------- 4.85 S.F.
PROVIDED W/OFF RIDGE VENTS: 5 VENTS @ 97 S.F. /VENT.
(VENT TYPE: O'HAGIN MODEL '8')

LOWER PORTION VENTILATION TOTAL:-------- 25.83 S.F.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:
( 297 L.F. @ 0.087 S.F. VENTING PER L.F.)

UPPER PORTION PERCENTAGE: 41%
LOWER PORTION PERCENTAGE: 59%

## NOTES

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# UPPER TRUSS LAYOUT "B"

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

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WATERFALL
PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-03-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 12B.0 |
| OF | SHEETS |

## ATTIC VENTILATION CALCULATIONS

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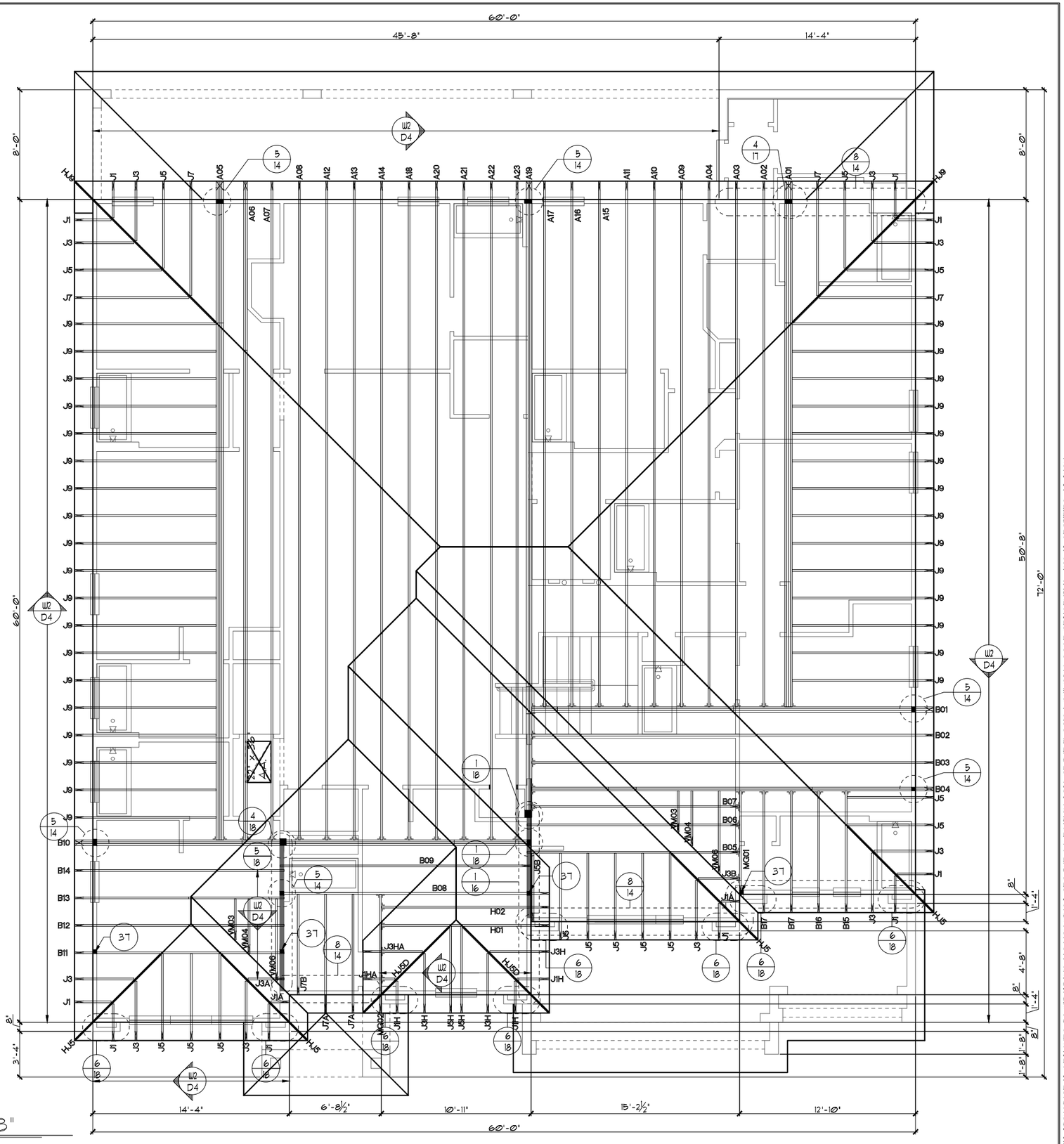
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LOT: 0000, PARADISO GRANDE

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

UPPER TRUSS LAYOUT "B"

WATERFALL

PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-03-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| 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: 3,559 S.F. / 300 = 11.87 S.F. NET FREE VENT. REQUIRED

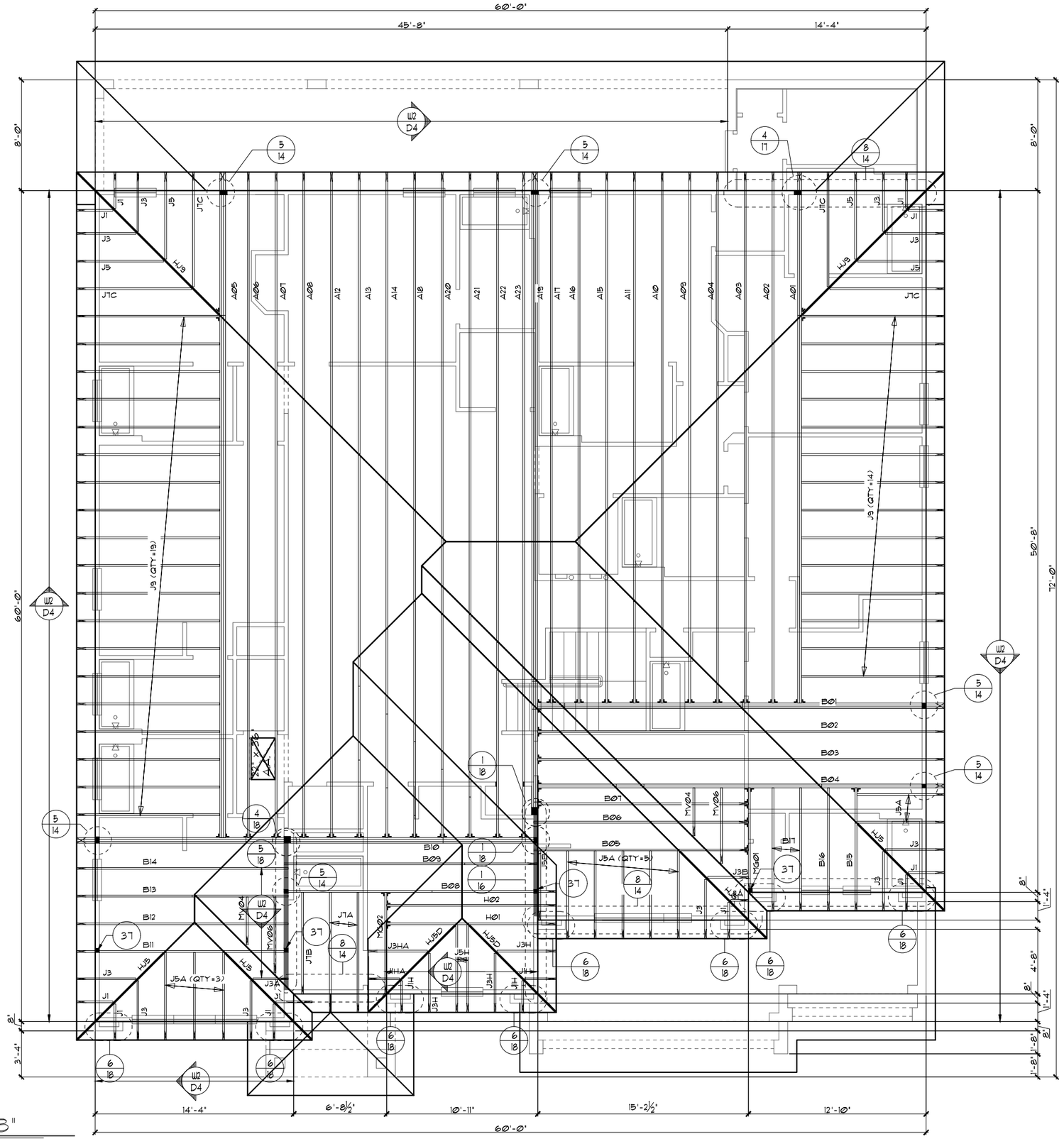
UPPER PORTION VENTILATION TOTAL:-------- 4.85 S.F.
PROVIDED W/OFF RIDGE VENTS: 5 VENTS @ .97 S.F. /VENT.
(VENT TYPE: O'HAGIN MODEL 'S')

LOWER PORTION VENTILATION TOTAL:-------- 25.83 S.F.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:
( 297 L.F. @ 0.087 S.F. VENTING PER L.F.)

UPPER PORTION PERCENTAGE: 41%
LOWER PORTION PERCENTAGE: 59%

## 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.
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 MAXIMUN OPENING SIZES :
   - O-HAGIN - 7" X 19" HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2023, 8TH EDITION ASTM C1492-R905.3.5




# UPPER 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

PARADISO GRANDE

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UPPER TRUSS LAYOUT "B"

WATERFALL

PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 12B.0 |
| OF | SHEETS |

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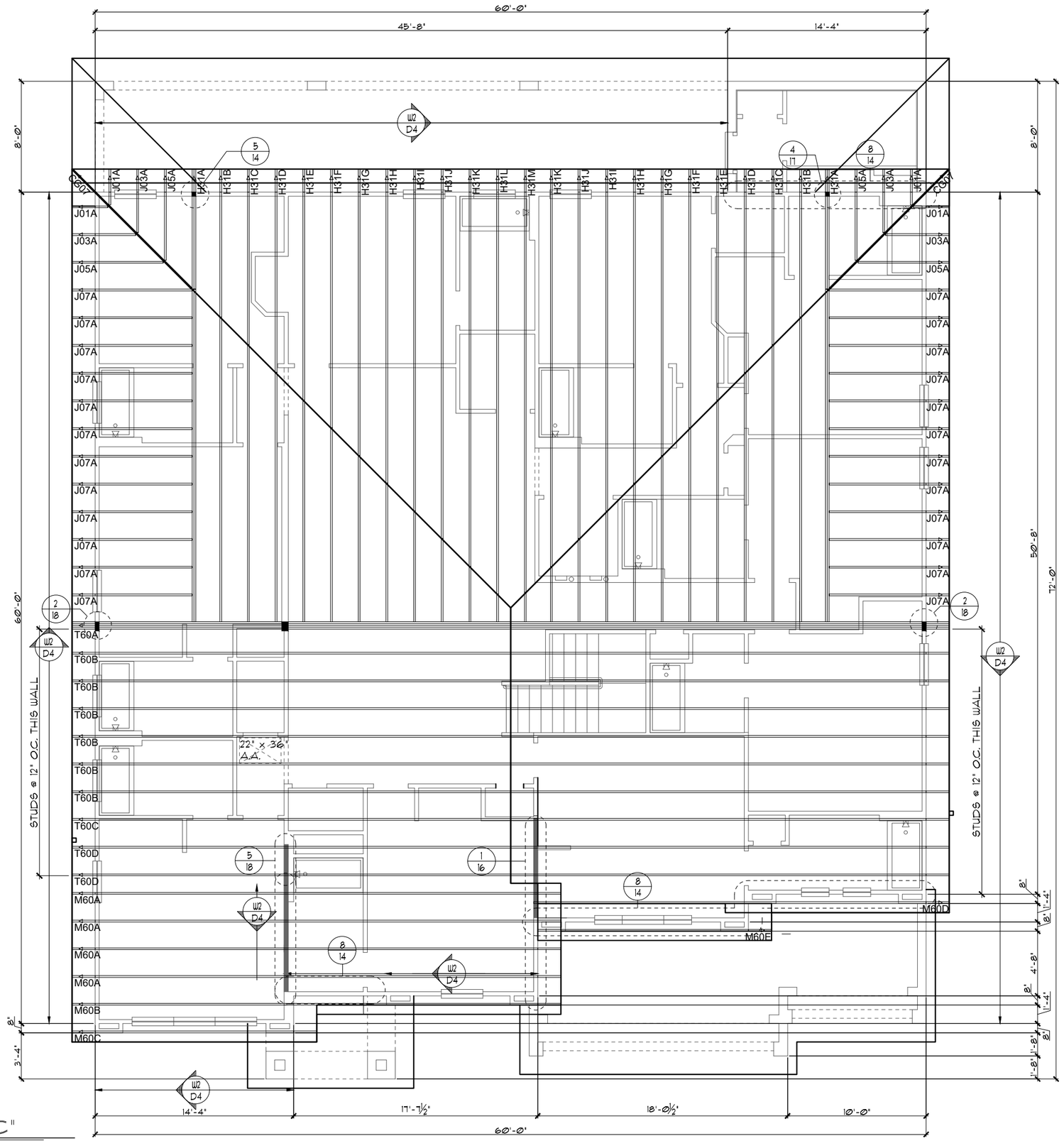
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(VENT TYPE: O'HAGIN MODEL 'S')

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PROVIDED W/ VENTILATED SOFFITS @ EAVE:
( 297 L.F. @ 0.087 S.F. VENTING PER L.F.)

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

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UPPER TRUSS LAYOUT "C"

WATERFALL
PARADISO GRANDE

6374

DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 6374
SHEET 12C.0
OF SHEETS

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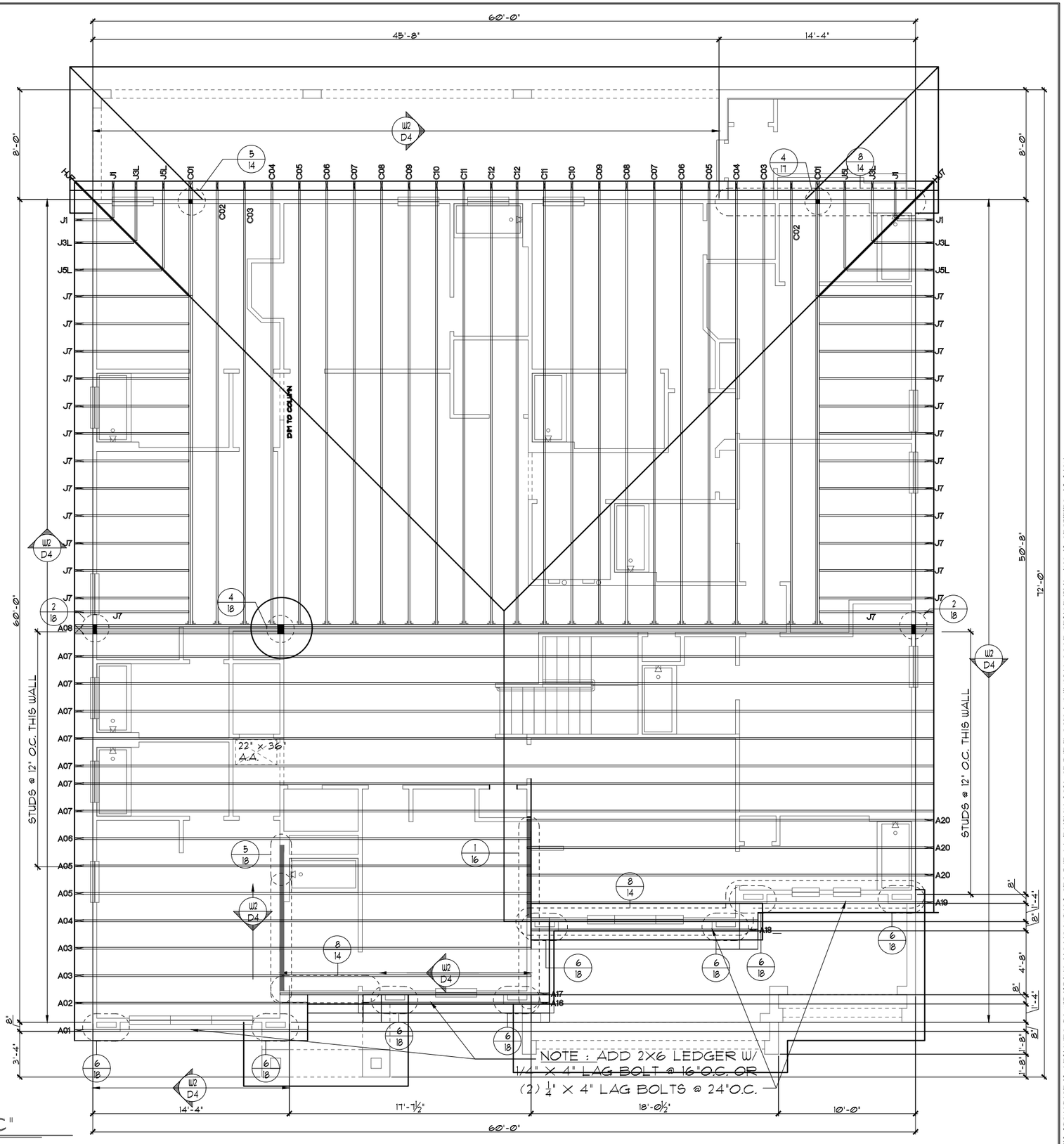
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UPPER TRUSS LAYOUT "C"

WATERFALL

PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 12C.0 |
| OF | SHEETS |

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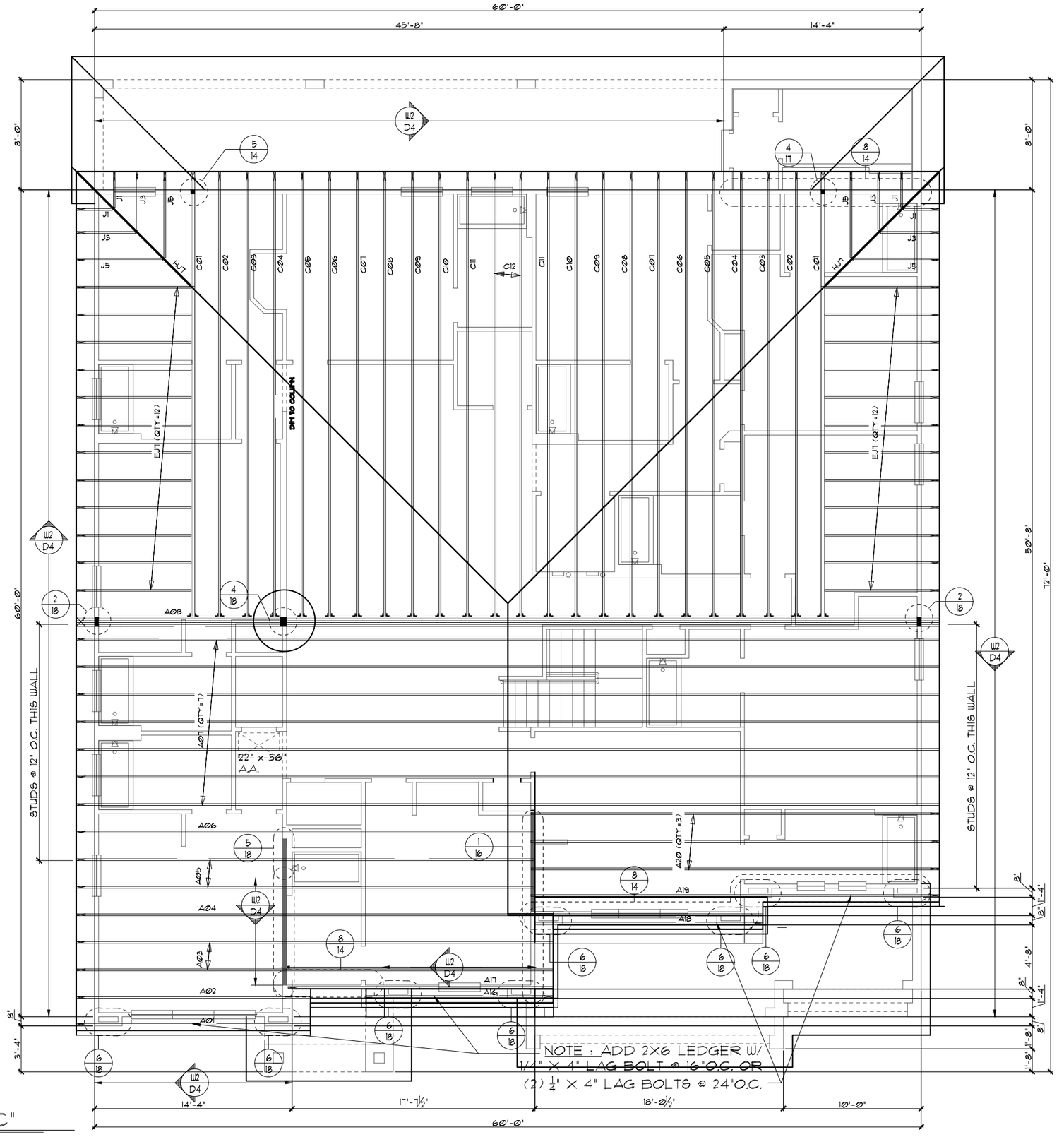
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UPPER TRUSS LAYOUT "C"

WATERFALL | PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 12C.0 |
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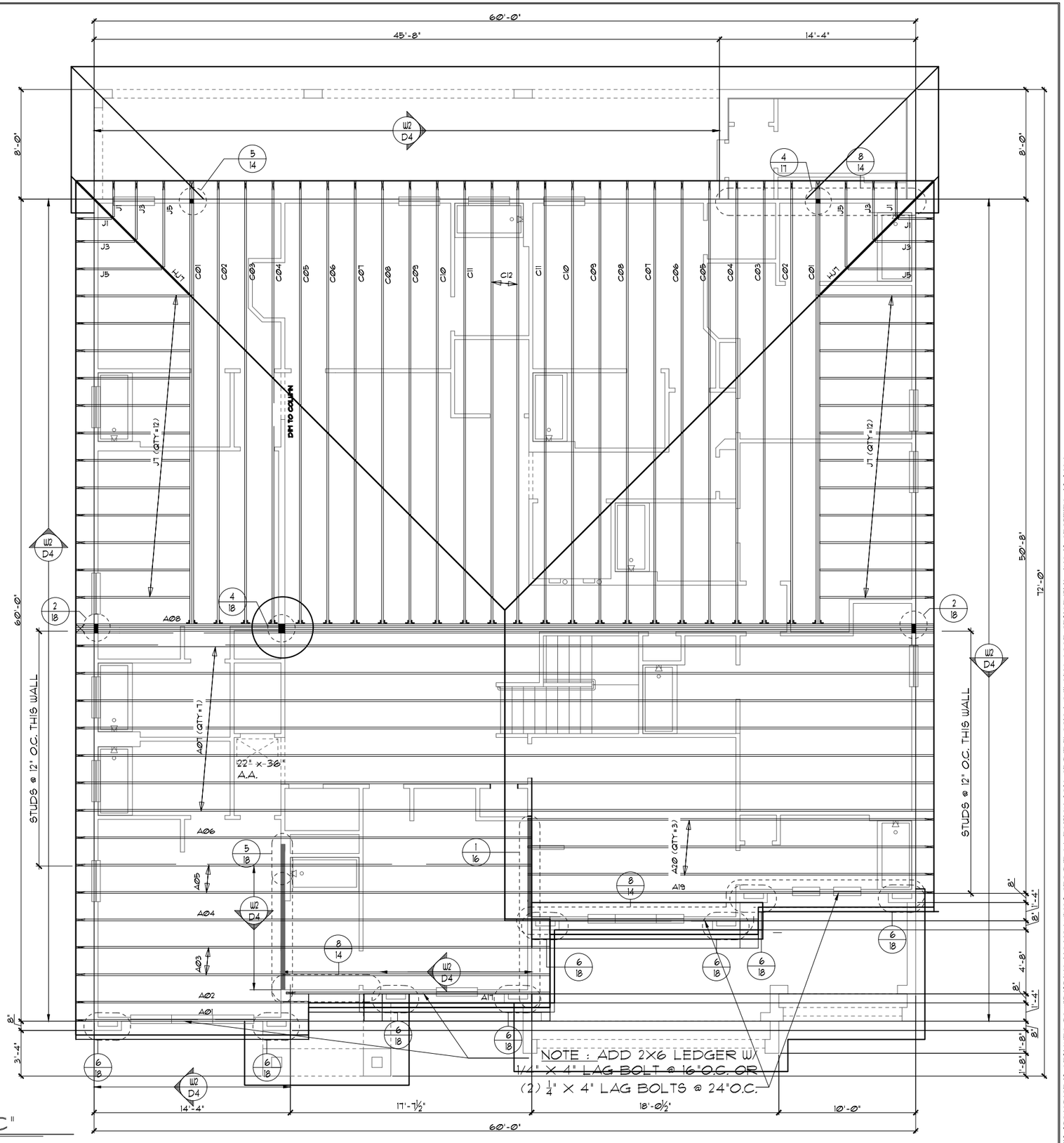
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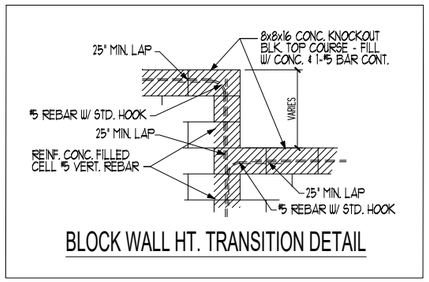
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UPPER TRUSS LAYOUT "C"

WATERFALL
PARADISO GRANDE

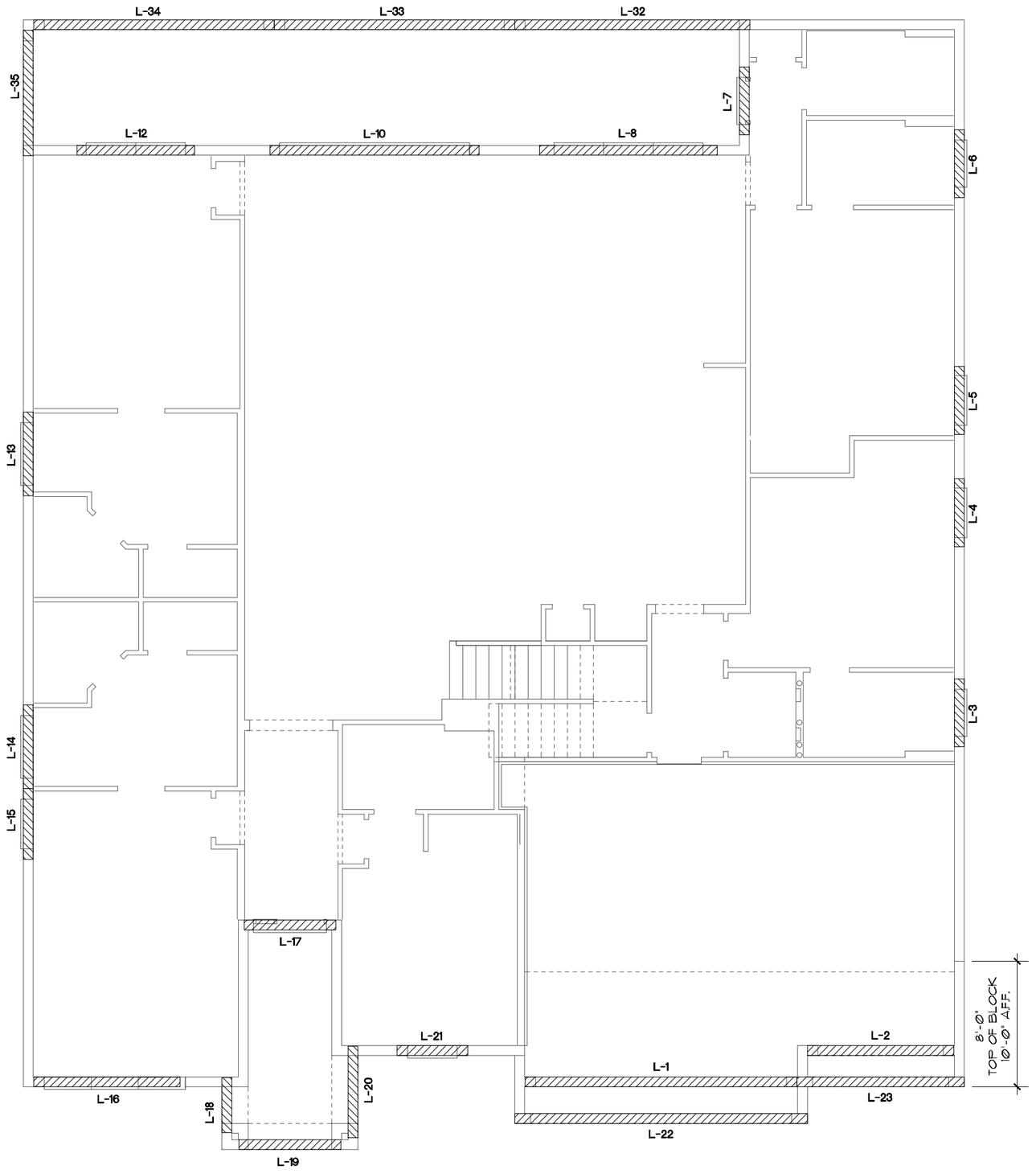
6374

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|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 12C.0 |
| OF | SHEETS |




## BLOCK WALL HT. TRANSITION DETAIL

| CAST CRETE / LOTTS / WEKIWA / FLORIDA ROCK PRE CAST LINTEL SCHEDULE | | | |
|---|---|---|---|
| LINTEL NO. | LENGTH | TYPE | COMMENTS |
| L-1 | 17'-4" | 8F30-1B/IT | GARAGE DOOR |
| L-2 | 9'-4" | 8F30-1B/IT | GARAGE DOOR |
| L-3 | 4'-6" | 8F36-0B/IT | 3/0X1/0 F.G. |
| L-4 | 4'-6" | 8F36-0B/IT | SH26 |
| L-5 | 4'-6" | 8F36-0B/IT | SH26 |
| L-6 | 4'-6" | 8F36-0B/IT | 3/0X1/0 F.G. |
| L-7 | 4'-4" | 8RF44-0B/IT | 2680 1-LITE DR. |
| L-8 | 11'-4" | 8F36-0B/IT | (3) SH26 |
| L-9 | | | |
| L-10 | 13'-4" | 8F48-0B/IT | 12/0X8/0 S.G.D. |
| L-11 | | | |
| L-12 | 7'-6" | 8F36-0B/IT | PR. SH26 |
| L-13 | 5'-4" | 8F36-0B/IT | 4/0X1/0 F.G. |
| L-14 | 5'-4" | 8F36-0B/IT | 4/0X1/0 F.G. |
| L-15 | 4'-6" | 8F36-0B/IT | SH26 |
| L-16 | 9'-4" | 8F36-0B/IT | (3) 3/0X6/0 F.G. |
| L-17 | 5'-10" | 8RF44-0B/IT | FRONT DOOR |
| L-18 | 3'-6" | 824-0B/IT | FRONT ENTRY |
| L-19 | 6'-6" | 824-0B/IT | FRONT ENTRY |
| L-20 | 5'-10" | 824-0B/IT | FRONT ENTRY |
| L-21 | 4'-6" | 8F36-0B/IT | SH26 |
| L-22 | 18'-8" | 8F24-1B/IT | GARAGE ENTRY |
| L-23 | 10'-6" | 8F24-0B/IT | GARAGE ENTRY |
| L-24 | | | |
| L-25 | | | |
| L-26 | | | |
| L-27 | | | |
| L-28 | | | |
| L-29 | | | |
| L-30 | | | |
| L-31 | | | |
| L-32 | 15'-0" | 8F16-1B/IT | REAR LANAI |
| L-33 | 15'-4" | 8F16-1B/IT | REAR LANAI |
| L-34 | 15'-4" | 8F16-1B/IT | REAR LANAI |
| L-35 | 8'-0" | 8F16-1B/IT | REAR LANAI |
| L-36 | | | |
| L-37 | | | |
| L-38 | | | |
| L-39 | | | |
| L-40 | | | |




## PRE CAST LINTEL LAYOUT "A"

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

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

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Park Square HOMES

PRE CAST LINTEL LAYOUT

WATERFALL

PARADISO GRANDE

6374

DATE 04-09-21

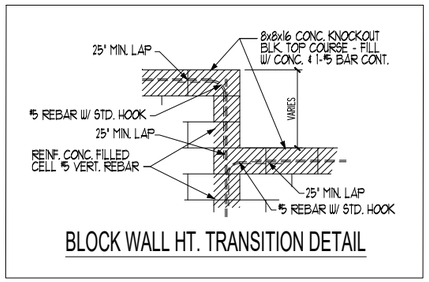
SCALE AS NOTED

DRAWN RDC

JOB 6374

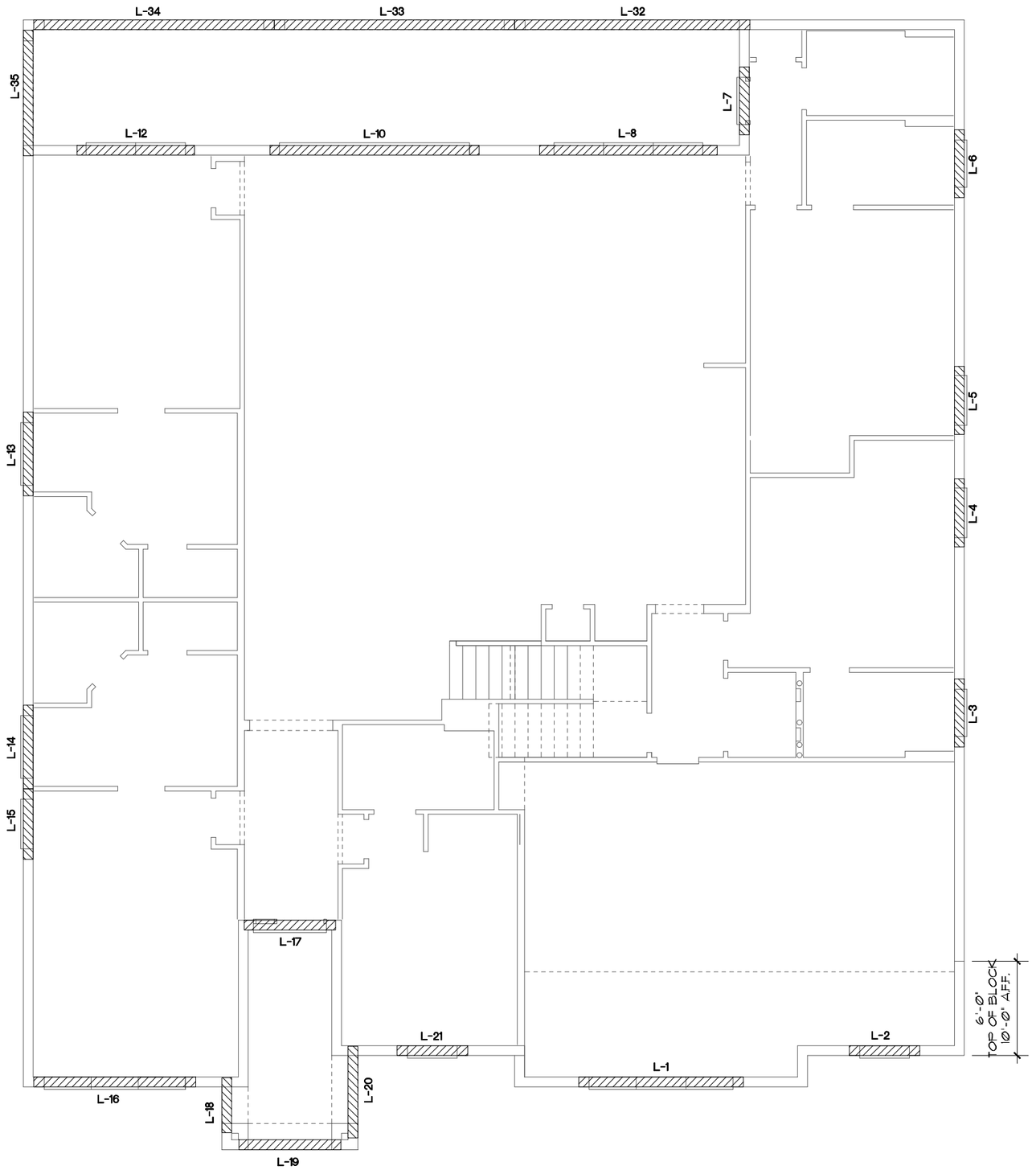
SHEET 13A.0

OF SHEETS




## BLOCK WALL HT. TRANSITION DETAIL

| CAST CRETE / LOTTS / WEKIWA / FLORIDA ROCK PRE CAST LINTEL SCHEDULE | | | |
|---|---|---|---|
| LINTEL NO. | LENGTH | TYPE | COMMENTS |
| L-1 | 10'-6" | 8F12-1B/IT | TRIPLE, SH26 |
| L-2 | 4'-6" | 8F12-1B/IT | 3/0X6/0 F.G. |
| L-3 | 4'-6" | 8F36-0B/IT | 3/0X1/0 F.G. |
| L-4 | 4'-6" | 8F36-0B/IT | SH26 |
| L-5 | 4'-6" | 8F36-0B/IT | SH26 |
| L-6 | 4'-6" | 8F36-0B/IT | 3/0X1/0 F.G. |
| L-7 | 4'-4" | 8RF44-0B/IT | 2680 1-LITE DR. |
| L-8 | 11'-4" | 8F36-0B/IT | (3) SH26 |
| L-9 | | | |
| L-10 | 13'-4" | 8F48-0B/IT | 12/0X8/0 S.G.D. |
| L-11 | | | |
| L-12 | 7'-6" | 8F36-0B/IT | PR. SH26 |
| L-13 | 5'-4" | 8F36-0B/IT | 4/0X1/0 F.G. |
| L-14 | 5'-4" | 8F36-0B/IT | 4/0X1/0 F.G. |
| L-15 | 4'-6" | 8F36-0B/IT | SH26 |
| L-16 | 10'-4" | 8F36-0B/IT | (3) 3/0X6/0 F.G. |
| L-17 | 5'-10" | 8RF44-0B/IT | FRONT DOOR |
| L-18 | 3'-6" | 824-0B/IT | FRONT ENTRY |
| L-19 | 6'-6" | 824-0B/IT | FRONT ENTRY |
| L-20 | 5'-10" | 824-0B/IT | FRONT ENTRY |
| L-21 | 4'-6" | 8F36-0B/IT | SH26 |
| L-22 | | | |
| L-23 | | | |
| L-24 | | | |
| L-25 | | | |
| L-26 | | | |
| L-27 | | | |
| L-28 | | | |
| L-29 | | | |
| L-30 | | | |
| L-31 | | | |
| L-32 | 15'-0" | 8F16-1B/IT | REAR LANAI |
| L-33 | 15'-4" | 8F16-1B/IT | REAR LANAI |
| L-34 | 15'-4" | 8F16-1B/IT | REAR LANAI |
| L-35 | 8'-0" | 8F16-1B/IT | REAR LANAI |
| L-36 | | | |
| L-37 | | | |
| L-38 | | | |
| L-39 | | | |
| L-40 | | | |




## PRE CAST LINTEL LAYOUT "A"

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

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 6th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

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PRE CAST LINTEL LAYOUT

WATERFALL

PARADISO GRANDE

6374

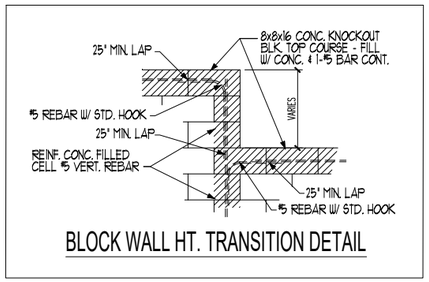
DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

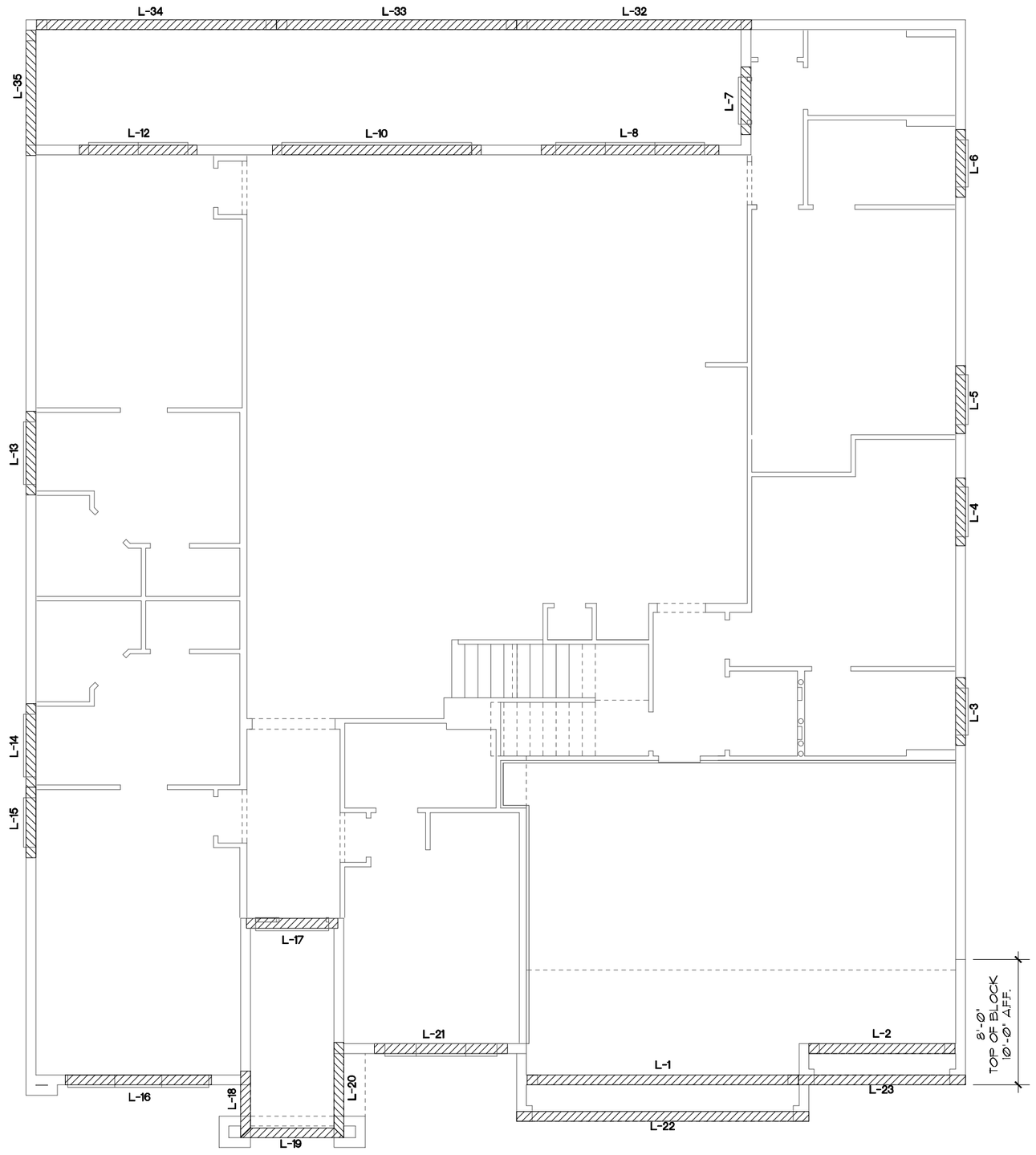
JOB 6374

SHEET 13A.1 OF SHEETS




## BLOCK WALL HT. TRANSITION DETAIL

| CAST CRETE / LOTTS / WEKIWA / FLORIDA ROCK PRE CAST LINTEL SCHEDULE | | | |
|---|---|---|---|
| LINTEL NO. | LENGTH | TYPE | COMMENTS |
| L-1 | 17'-4" | 8F30-1B/IT | GARAGE DOOR |
| L-2 | 9'-4" | 8F30-1B/IT | GARAGE DOOR |
| L-3 | 4'-6" | 8F36-0B/IT | 3/0X1/0 F.G. |
| L-4 | 4'-6" | 8F36-0B/IT | SH26 |
| L-5 | 4'-6" | 8F36-0B/IT | SH26 |
| L-6 | 4'-6" | 8F36-0B/IT | 3/0X1/0 F.G. |
| L-7 | 4'-4" | 8RF44-0B/IT | 2680 1-LITE DR. |
| L-8 | 11'-4" | 8F36-0B/IT | (3) SH26 |
| L-9 | | | |
| L-10 | 13'-4" | 8F48-0B/IT | 12/0X8/0 S.G.D. |
| L-11 | | | |
| L-12 | 7'-6" | 8F36-0B/IT | PR. SH26 |
| L-13 | 5'-4" | 8F36-0B/IT | 4/0X1/0 F.G. |
| L-14 | 5'-4" | 8F36-0B/IT | 4/0X1/0 F.G. |
| L-15 | 4'-6" | 8F36-0B/IT | SH26 |
| L-16 | 9'-4" | 8F36-0B/IT | (3) 3/0X6/0 F.G. |
| L-17 | 5'-10" | 8RF44-0B/IT | FRONT DOOR |
| L-18 | 3'-6" | 8F8-0B/IT | FRONT ENTRY |
| L-19 | 6'-6" | 8F8-0B/IT | FRONT ENTRY |
| L-20 | 5'-4" | 8F8-0B/IT | FRONT ENTRY |
| L-21 | 8'-6" | 8F36-0B/IT | (1) SH26, (2) 2/0X6/0 F.G. |
| L-22 | 18'-8" | 8F24-1B/IT | GARAGE ENTRY |
| L-23 | 10'-6" | 8F24-0B/IT | GARAGE ENTRY |
| L-24 | | | |
| L-25 | | | |
| L-26 | | | |
| L-27 | | | |
| L-28 | | | |
| L-29 | | | |
| L-30 | | | |
| L-31 | | | |
| L-32 | 15'-0" | 8F16-1B/IT | REAR LANAI |
| L-33 | 15'-4" | 8F16-1B/IT | REAR LANAI |
| L-34 | 15'-4" | 8F16-1B/IT | REAR LANAI |
| L-35 | 8'-0" | 8F16-1B/IT | REAR LANAI |
| L-36 | | | |
| L-37 | | | |
| L-38 | | | |
| L-39 | | | |
| L-40 | | | |




## PRE CAST LINTEL LAYOUT "B"

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

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

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PRE CAST LINTEL LAYOUT

WATERFALL

PARADISO GRANDE

6374

DATE 04-09-21

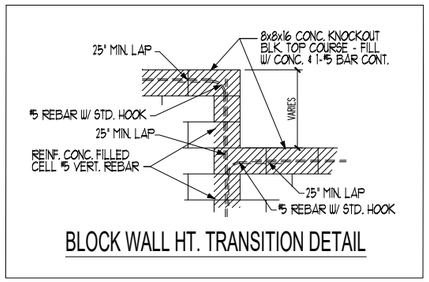
SCALE AS NOTED

DRAWN RDC

JOB 6374

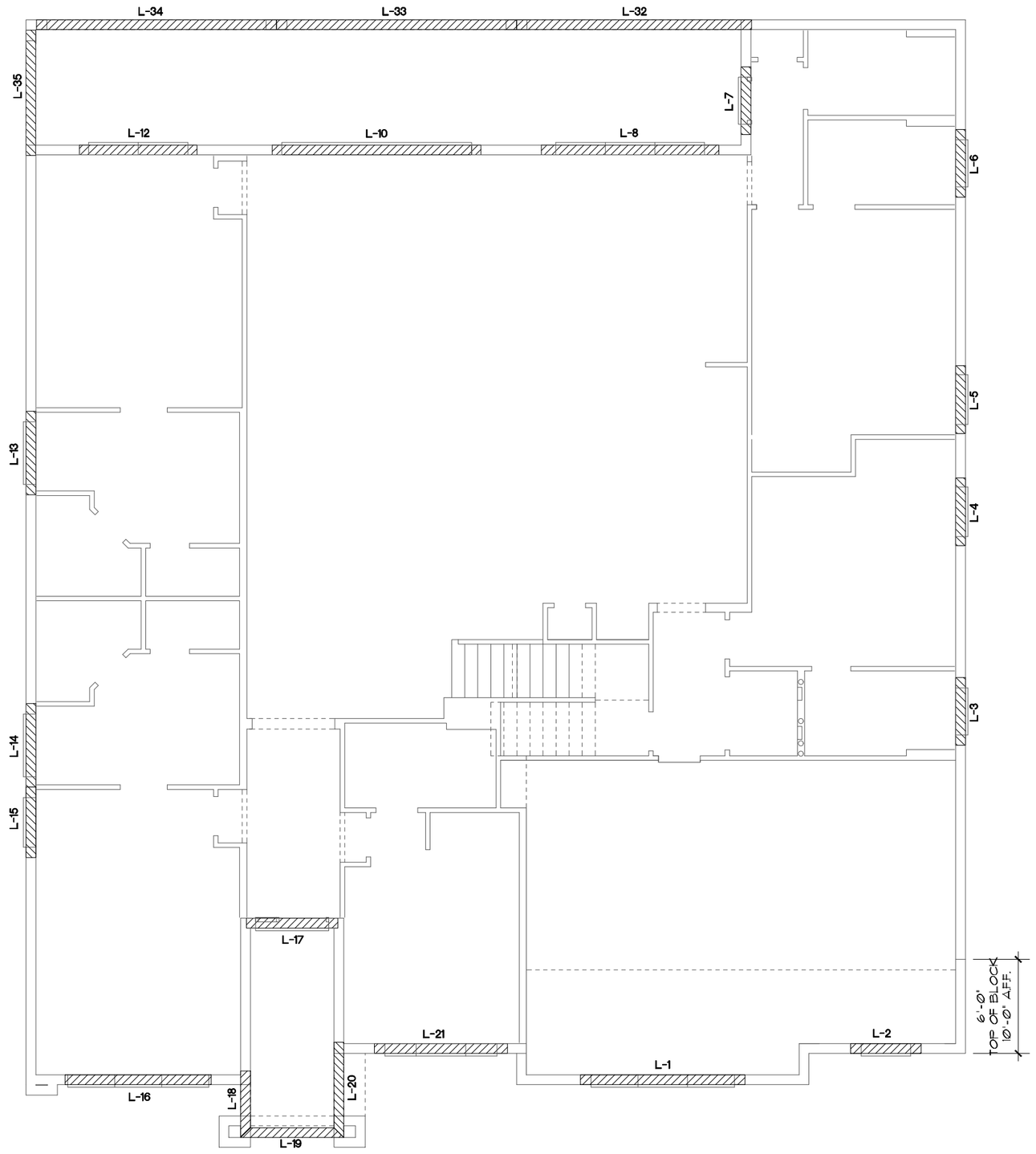
SHEET 13B.0

OF SHEETS




BLOCK WALL HT. TRANSITION DETAIL

| CAST CRETE / LOTTS / WEKIWA / FLORIDA ROCK PRE CAST LINTEL SCHEDULE | | | |
|---|---|---|---|
| LINTEL NO. | LENGTH | TYPE | COMMENTS |
| L-1 | 10'-6" | 8F12-1B/IT | (2)3/0X6/0 F.G. & 5H26 |
| L-2 | 4'-6" | 8F12-1B/IT | 3/0X6/0 F.G. |
| L-3 | 4'-6" | 8F36-0B/IT | 3/0X1/0 F.G. |
| L-4 | 4'-6" | 8F36-0B/IT | 5H26 |
| L-5 | 4'-6" | 8F36-0B/IT | 5H26 |
| L-6 | 4'-6" | 8F36-0B/IT | 3/0X1/0 F.G. |
| L-7 | 4'-4" | 8RF44-0B/IT | 2680 1-LITE DR. |
| L-8 | 11'-4" | 8F36-0B/IT | (3) 5H26 |
| L-9 | | | |
| L-10 | 13'-4" | 8F48-0B/IT | 12/0X8/0 S.G.D. |
| L-11 | | | |
| L-12 | 7'-6" | 8F36-0B/IT | PR. 5H26 |
| L-13 | 5'-4" | 8F36-0B/IT | 4/0X1/0 F.G. |
| L-14 | 5'-4" | 8F36-0B/IT | 4/0X1/0 F.G. |
| L-15 | 4'-6" | 8F36-0B/IT | 5H26 |
| L-16 | 9'-4" | 8F36-0B/IT | (3) 3/0X6/0 F.G. |
| L-17 | 5'-10" | 8RF44-0B/IT | FRONT DOOR |
| L-18 | 3'-6" | 8F8-0B/IT | FRONT ENTRY |
| L-19 | 6'-6" | 8F8-0B/IT | FRONT ENTRY |
| L-20 | 5'-4" | 8F8-0B/IT | FRONT ENTRY |
| L-21 | 8'-6" | 8F36-0B/IT | (1) 5H26, (2) 2/0X6/0 F.G. |
| L-22 | | | |
| L-23 | | | |
| L-24 | | | |
| L-25 | | | |
| L-26 | | | |
| L-27 | | | |
| L-28 | | | |
| L-29 | | | |
| L-30 | | | |
| L-31 | | | |
| L-32 | 15'-0" | 8F16-1B/IT | REAR LANAI |
| L-33 | 15'-4" | 8F16-1B/IT | REAR LANAI |
| L-34 | 15'-4" | 8F16-1B/IT | REAR LANAI |
| L-35 | 8'-0" | 8F16-1B/IT | REAR LANAI |
| L-36 | | | |
| L-37 | | | |
| L-38 | | | |
| L-39 | | | |
| L-40 | | | |




PRE CAST LINTEL LAYOUT "B"

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

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PRE CAST LINTEL LAYOUT

WATERFALL

PARADISO GRANDE

6374

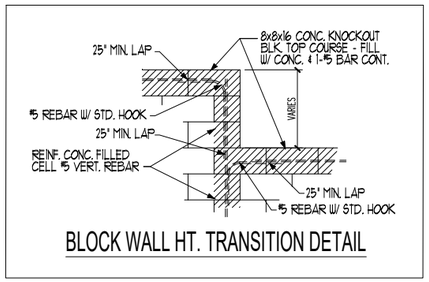
DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

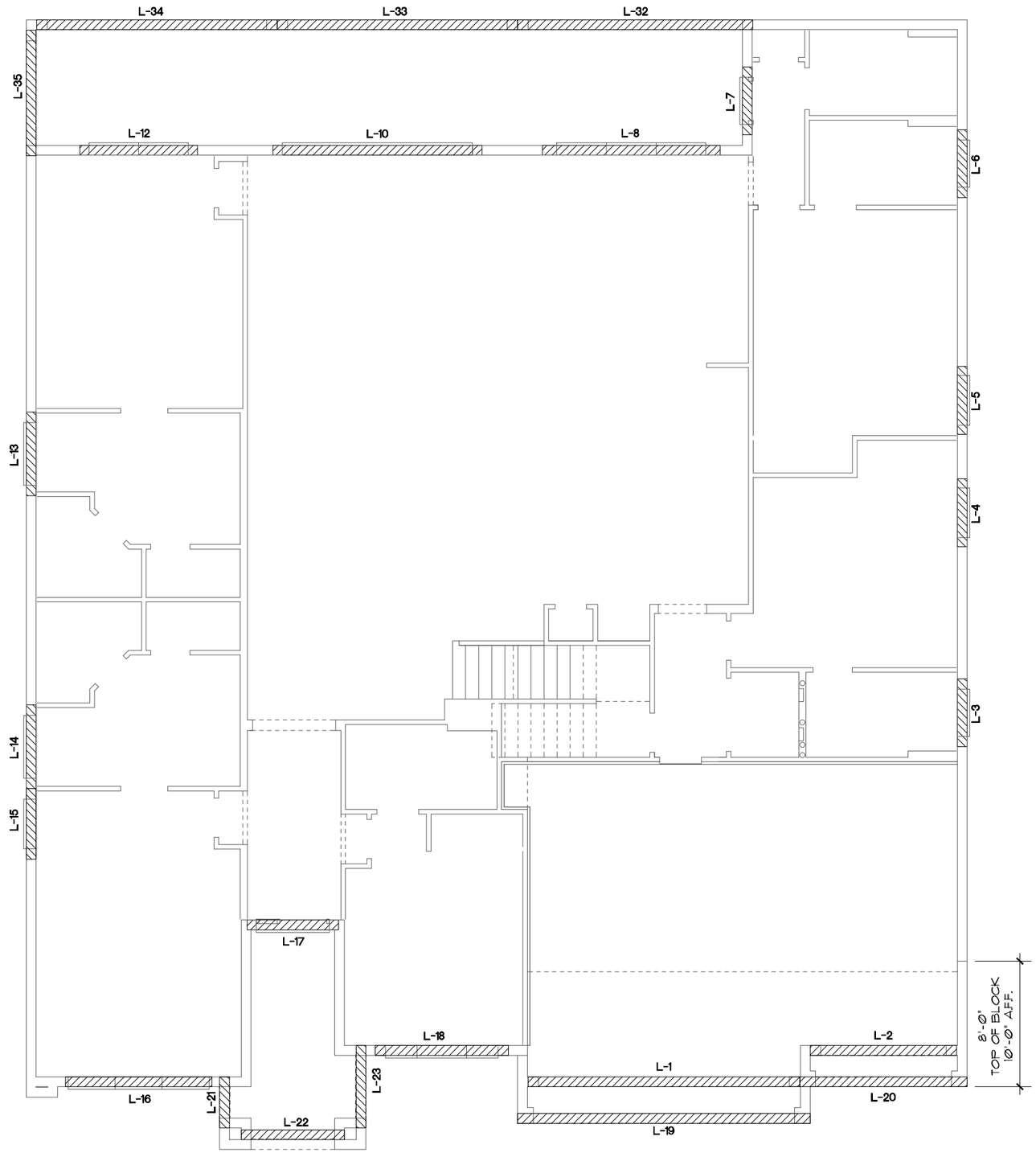
JOB 6374

SHEET 13B.1 OF SHEETS




BLOCK WALL HT. TRANSITION DETAIL

| CAST CRETE / LOTTS / WEKIWA / FLORIDA ROCK PRE CAST LINTEL SCHEDULE | | | |
|---|---|---|---|
| LINTEL NO. | LENGTH | TYPE | COMMENTS |
| L-1 | 17'-4" | 8F30-1B/IT | GARAGE DOOR |
| L-2 | 9'-4" | 8F30-1B/IT | GARAGE DOOR |
| L-3 | 4'-6" | 8F36-0B/IT | 3/0X1/0 F.G. |
| L-4 | 4'-6" | 8F36-0B/IT | SH26 |
| L-5 | 4'-6" | 8F36-0B/IT | SH26 |
| L-6 | 4'-6" | 8F36-0B/IT | 3/0X1/0 F.G. |
| L-7 | 4'-4" | 8RF44-0B/IT | 2680 1-LITE DR. |
| L-8 | 11'-4" | 8F36-0B/IT | (3) SH26 |
| L-9 | | | |
| L-10 | 13'-4" | 8F48-0B/IT | 12/0X8/0 S.G.D. |
| L-11 | | | |
| L-12 | 7'-6" | 8F36-0B/IT | PR. SH26 |
| L-13 | 5'-4" | 8F36-0B/IT | 4/0X1/0 F.G. |
| L-14 | 5'-4" | 8F36-0B/IT | 4/0X1/0 F.G. |
| L-15 | 4'-6" | 8F36-0B/IT | SH26 |
| L-16 | 9'-4" | 8F36-0B/IT | (3) 3/0X6/0 F.G. |
| L-17 | 5'-10" | 8RF44-0B/IT | FRONT DOOR |
| L-18 | 8'-6" | 8F36-0B/IT | (1) SH26, (2) 2/0X6/0 F.G. |
| L-19 | 18'-8" | 8F24-1B/IT | GARAGE ENTRY |
| L-20 | 10'-6" | 8F24-0B/IT | GARAGE ENTRY |
| L-21 | 3'-6" | 8F8-0B/IT | FRONT ENTRY |
| L-22 | 6'-6" | 8F8-0B/IT | FRONT ENTRY |
| L-23 | 5'-4" | 8F8-0B/IT | FRONT ENTRY |
| L-24 | | | |
| L-25 | | | |
| L-26 | | | |
| L-27 | | | |
| L-28 | | | |
| L-29 | | | |
| L-30 | | | |
| L-31 | | | |
| L-32 | 15'-0" | 8F16-1B/IT | REAR LANAI |
| L-33 | 15'-4" | 8F16-1B/IT | REAR LANAI |
| L-34 | 15'-4" | 8F16-1B/IT | REAR LANAI |
| L-35 | 8'-0" | 8F16-1B/IT | REAR LANAI |
| L-36 | | | |
| L-37 | | | |
| L-38 | | | |
| L-39 | | | |
| L-40 | | | |




PRE CAST LINTEL LAYOUT "C"

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

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Park Square HOMES

PRE CAST LINTEL LAYOUT

WATERFALL

PARADISO GRANDE

6374

DATE 04-09-21

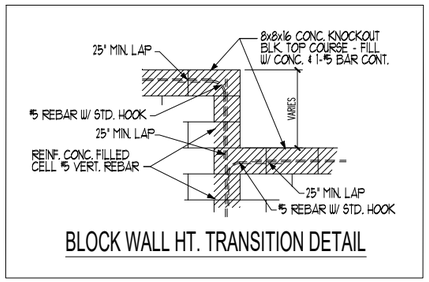
SCALE AS NOTED

DRAWN RDC

JOB 6374

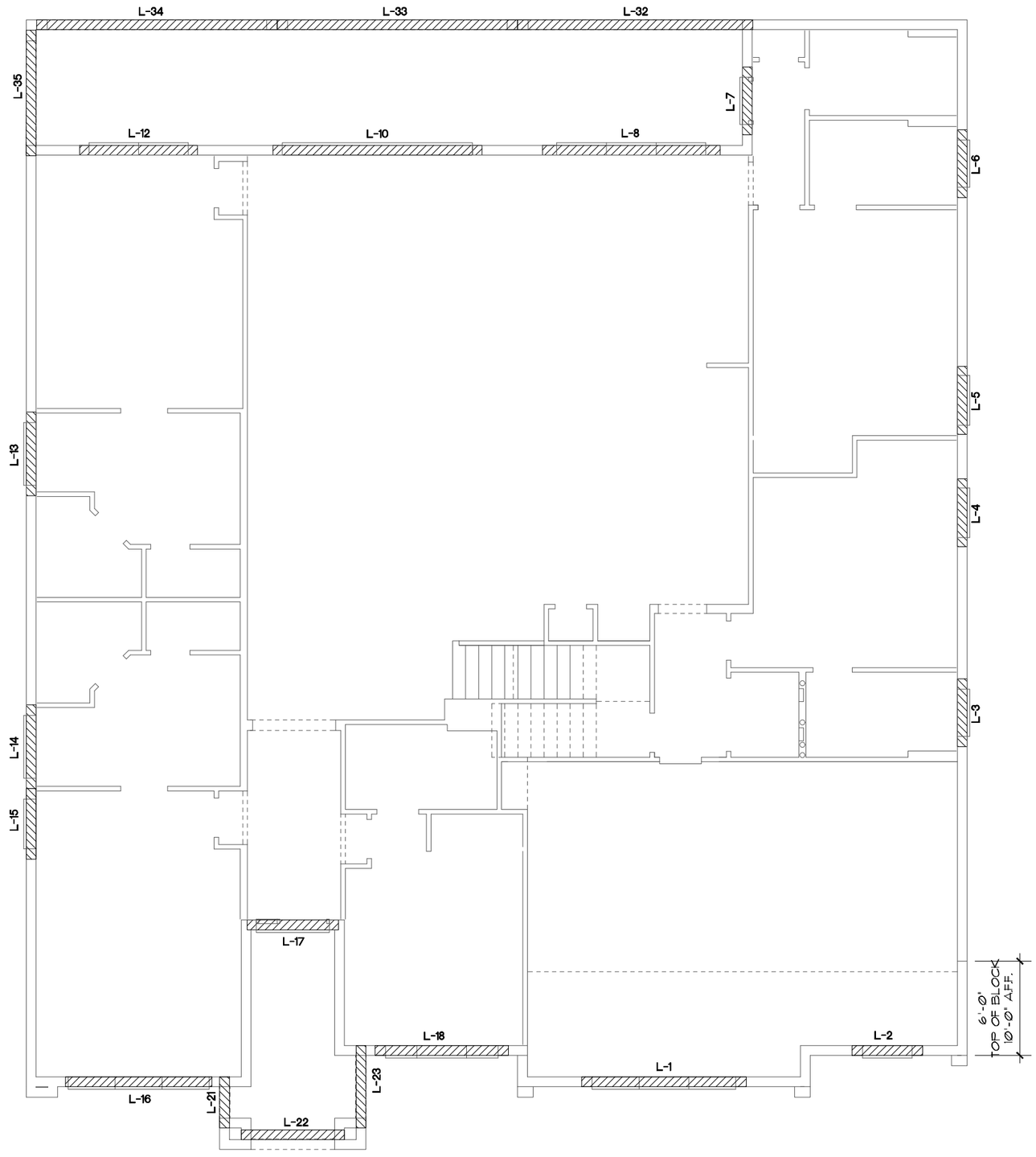
SHEET 13C.0

OF SHEETS




BLOCK WALL HT. TRANSITION DETAIL

| CAST CRETE / LOTTS / WEKIWA / FLORIDA ROCK PRE CAST LINTEL SCHEDULE | | | |
|---|---|---|---|
| LINTEL NO. | LENGTH | TYPE | COMMENTS |
| L-1 | 10'-6" | 8F12-1B/IT | (2)3/0X6/0 F.G. & 9H26 |
| L-2 | 4'-6" | 8F12-1B/IT | 3/0X6/0 F.G. |
| L-3 | 4'-6" | 8F36-0B/IT | 3/0X1/0 F.G. |
| L-4 | 4'-6" | 8F36-0B/IT | 9H26 |
| L-5 | 4'-6" | 8F36-0B/IT | 9H26 |
| L-6 | 4'-6" | 8F36-0B/IT | 3/0X1/0 F.G. |
| L-7 | 4'-4" | 8RF44-0B/IT | 2680 1-LITE DR. |
| L-8 | 11'-4" | 8F36-0B/IT | (3) 9H26 |
| L-9 | | | |
| L-10 | 13'-4" | 8F48-0B/IT | 12/0X8/0 S.G.D. |
| L-11 | | | |
| L-12 | 7'-6" | 8F36-0B/IT | PR. 9H26 |
| L-13 | 5'-4" | 8F36-0B/IT | 4/0X1/0 F.G. |
| L-14 | 5'-4" | 8F36-0B/IT | 4/0X1/0 F.G. |
| L-15 | 4'-6" | 8F36-0B/IT | 9H26 |
| L-16 | 9'-4" | 8F36-0B/IT | (3) 3/0X6/0 F.G. |
| L-17 | 5'-10" | 8RF44-0B/IT | FRONT DOOR |
| L-18 | 8'-6" | 8F36-0B/IT | (1) 9H26, (2) 2/0X6/0 F.G. |
| L-19 | | | |
| L-20 | | | |
| L-21 | 3'-6" | 8F8-0B/IT | FRONT ENTRY |
| L-22 | 6'-6" | 8F8-0B/IT | FRONT ENTRY |
| L-23 | 5'-4" | 8F8-0B/IT | FRONT ENTRY |
| L-24 | | | |
| L-25 | | | |
| L-26 | | | |
| L-27 | | | |
| L-28 | | | |
| L-29 | | | |
| L-30 | | | |
| L-31 | | | |
| L-32 | 15'-0" | 8F16-1B/IT | REAR LANAI |
| L-33 | 15'-4" | 8F16-1B/IT | REAR LANAI |
| L-34 | 15'-4" | 8F16-1B/IT | REAR LANAI |
| L-35 | 8'-0" | 8F16-1B/IT | REAR LANAI |
| L-36 | | | |
| L-37 | | | |
| L-38 | | | |
| L-39 | | | |
| L-40 | | | |




PRE CAST LINTEL LAYOUT "C"

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

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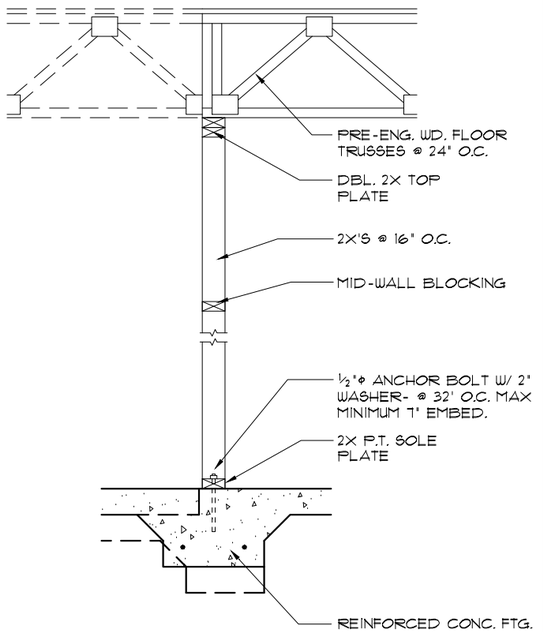
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WATERFALL

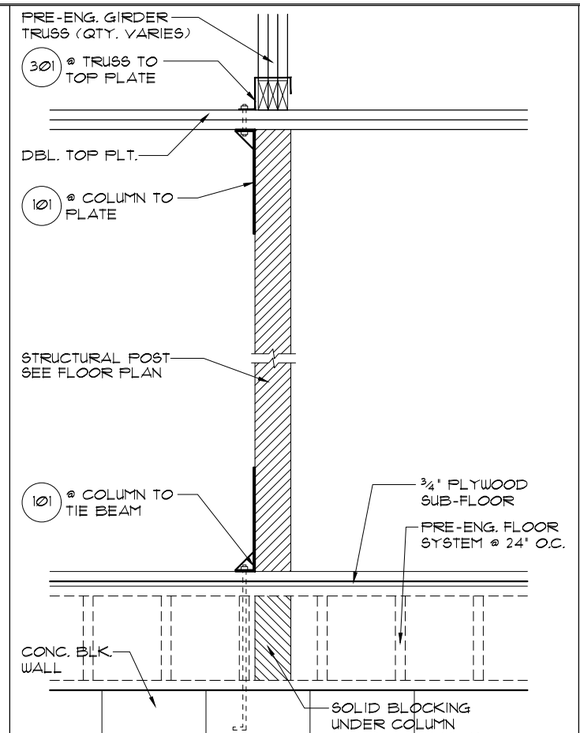
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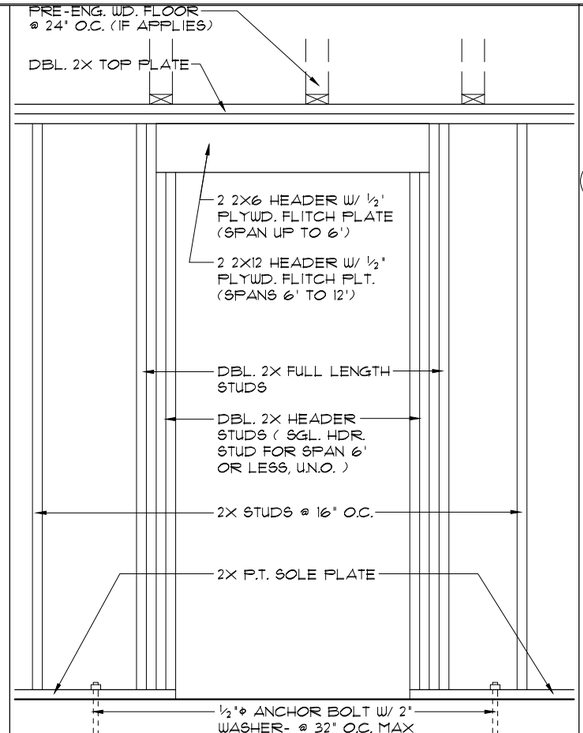
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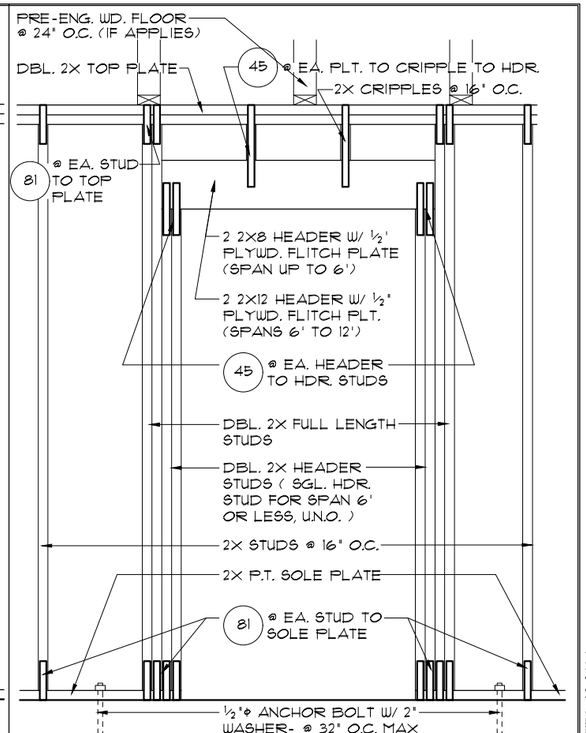

4/14 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



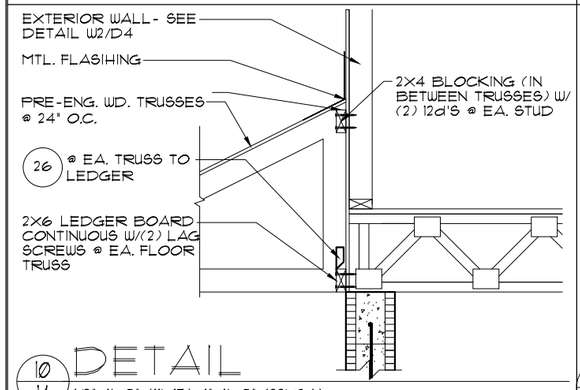

3/14 DETAIL
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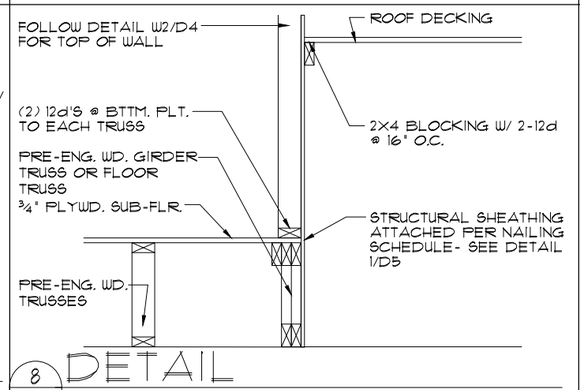

2/14 DETAIL (BRG. W/O UPLIFT)
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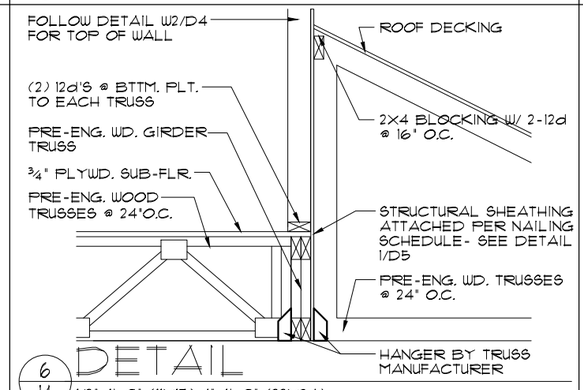

1/14 DETAIL (BRG. W/ UPLIFT)
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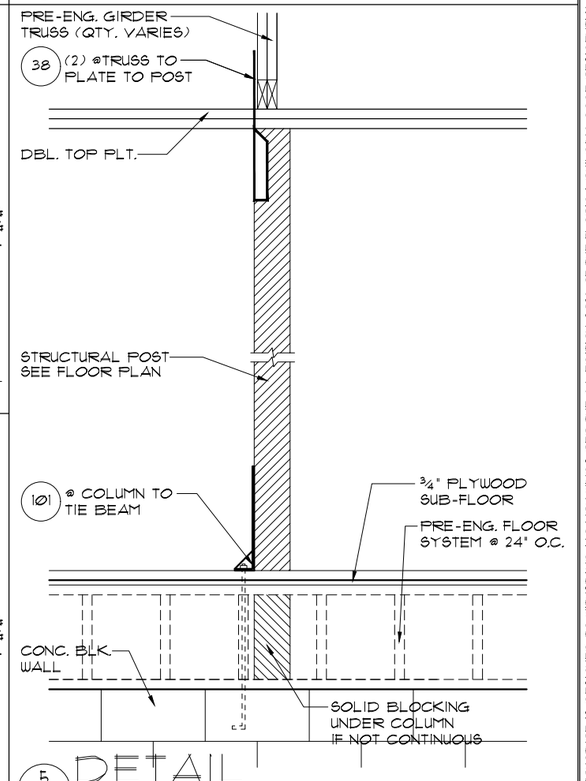

10/14 DETAIL
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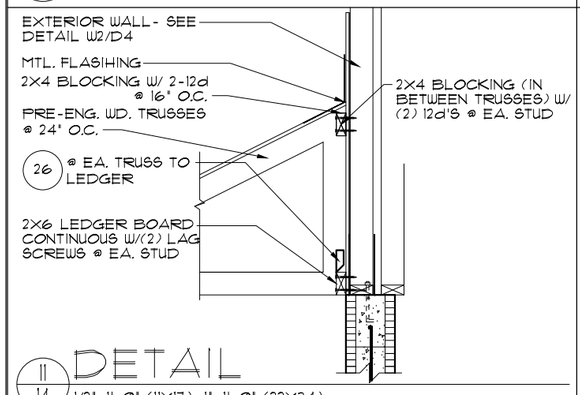

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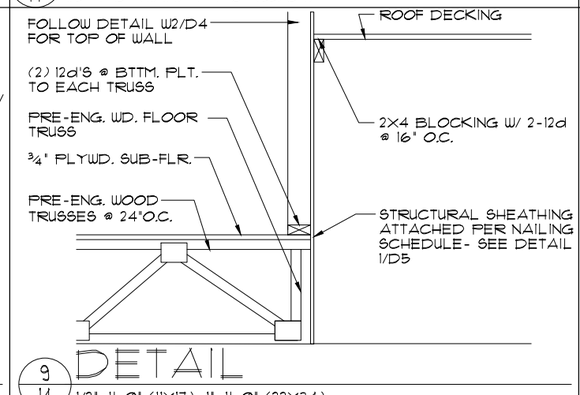

6/14 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



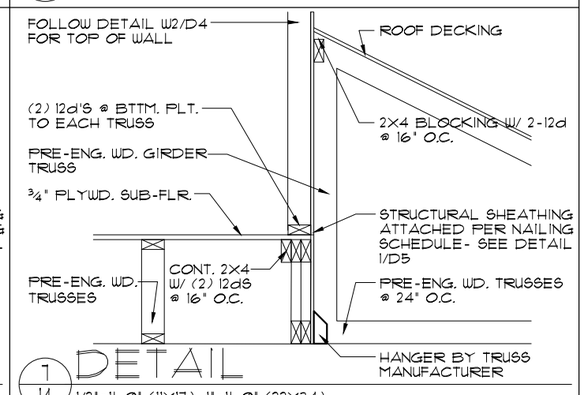

5/14 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)




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




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




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

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

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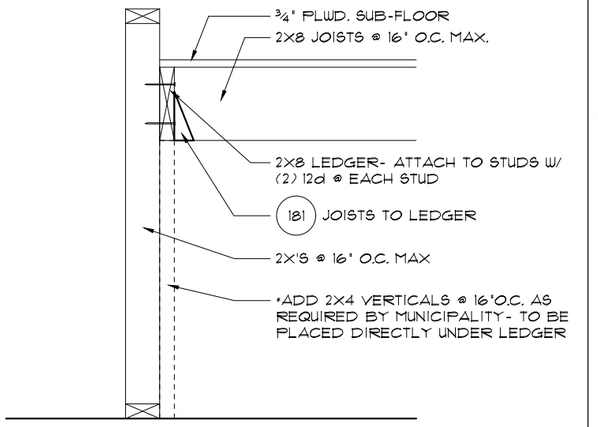
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TYPICAL DETAILS

WATERFALL
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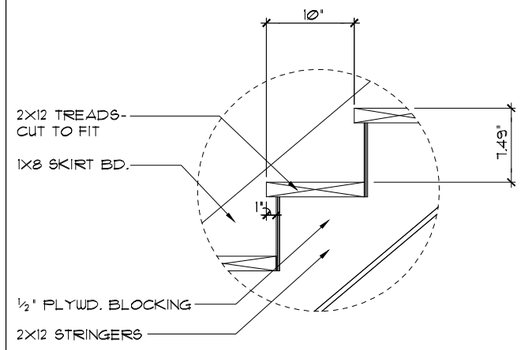
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DATE 04-09-21
SCALE AS NOTED
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JOB 6374
SHEET 14
OF SHEETS




4/15 TYP. STAIR CONNECT.

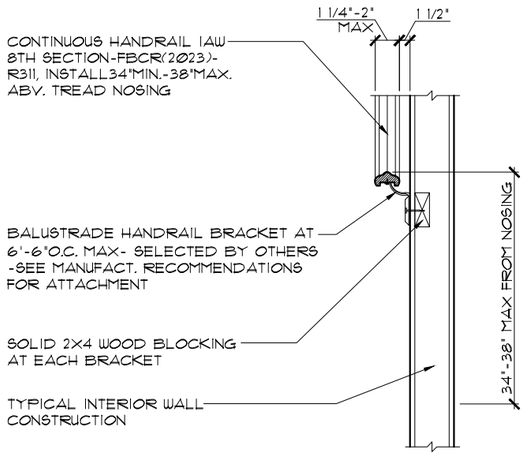
3/4"= 1'-0" (11X17) 1½"= 1'-0" (22"X34") PLATFORM FRAMING




DATA: TOTAL RISE: 13'-8 ¾" (22 RISERS @ 7.49" EA.)
TOTAL RUN: 17'-6" (21 TREADS @ 10" EA.)

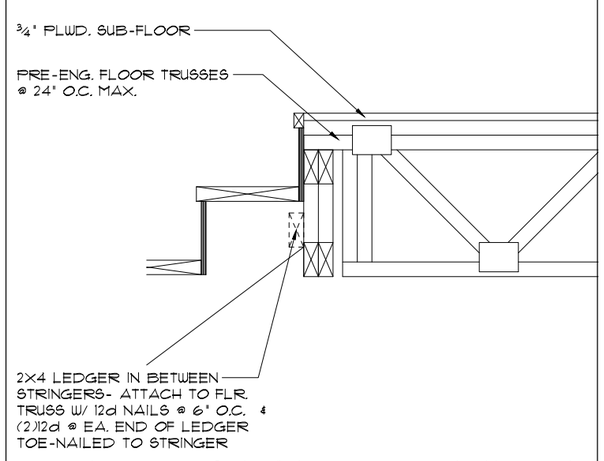
1/15 STAIR DETAIL

3/4"= 1'-0" (11X17) 1½"= 1'-0" (22"X34") STAIR DATA




5/15 TYP. HANDRAIL DET.

3/4"= 1'-0" (11X17) 1½"= 1'-0" (22"X34")



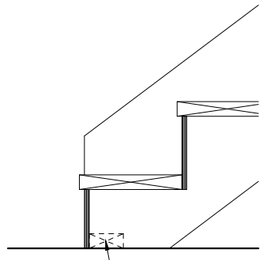

2/15 TYP. STAIR CONNECT.

3/4"=1'-0" (11X17) 1½"=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 7¾". WIDTH OF TREAD TO BE 9"(EXCLUSIVE OF NOSING) ALL TREADS LESS THAN 10" IN WIDTH SHALL HAVE APPROX. 1" OF NOSING 3/16" MAX. VARIATION IN RISERS/TREADS ADJACENT TO EACH OTHER 3/8" MAX. VARIATION IN ANY RISER/TREAD HAND RAIL CIRCULAR CROSS SECTION DIA. TO BE 1 1/4" - 2" OR TO PROVIDE EQUIVALENT GRASPABILITY. WINDERS: MIN. 6" WIDE @ NARROW END 34"MIN.-38"MAX., HANDRAIL HGT. HEADROOM CLEARANCE MIN. 6'-8"




3/15 TYP. STAIR CONNECT.

3/4"= 1'-0" (11X17) 1½"= 1'-0" (22"X34") STRINGER TO FLOOR

## CONNECTOR SCHEDULE

| CONNECT. TYPE | SIMPSON DESCRIPTION | SIMPSON FASTENERS PER CONNECTOR | USP DESCRIPTION | USP FASTENERS PER CONNECTOR | MAX. UPLIFT | LAT. LDS. F1 / F2 |
|---|---|---|---|---|---|---|
| 4 | HETA20 | 14-10d x 1½" | ETA20 | 14-10d | 1,810 | 65 / 960 |
| 5 | DETAL20 | 18-10d x 1½" | N/A | N/A | 2,480 | 2000/ 1370 |
| 20 | H3 | RFT: 4-8d / PLT: 4-8d | RT3 | RFT: 4-8d / PLT: 4-8d | 365 | 125 / 160 |
| 21 | H1 | RFT:6-8dx1½"/PLT:4-8d | RT15 | RFT:5-8dx1½"/PLT:5-8d | 425 | 485 / 165 |
| 22 | H10A | RFT: (9)10d x 1 1/2" PLT: (9)10d x 1 1/2" | RT16 | RFT: 8-8d x 1½" PLT: 8-8d | 1015 | 585/525 |
| 23 | LUS26 | HDR: 4-10d/JST: 4-10d | JUS26 | HDR: 4-10d/JST: 4-10d | 935 | N/A |
| 24 | H7Z | RFT / TRS: (4)8d PLT / STD: (2)8dX 1 1/2" (8)8D | RT20 | RFT / TRS: 9-10d PLT / STD: 13-10d | 715 | 400 / N/A |
| 26 | H2.5A | RFT:5-8d / PLT: 5-8d | RT7 | RFT:5-8d / PLT: 5-8d | 535 | 150 / 150 |
| 34 | A34 | H:4-8dx1½"/P:4-8dx1½" | MP34 | H:4-8dx1½"/P:4-8dx1½" | 365 | 280 / 303 |
| 35 | A35 | H:4-8dx1½"/P:4-8dx1½" | MPAIF | H:6-8dx1½"/P:6-8dx1½" | 300 | 440 / N/A |
| 37 | MTS12 | 14-10d | MTW12 | 14-10d | 850 | N/A |
| 38 | MTS16 | 14-10d | MTW16 | 14-10d | 850 | N/A |
| 43 | LSTA12 | 10-10d | LSTA12 | 10-10d | 795 | N/A |
| 45 | ST18 | 14-16d | ST18 | 14-16d | 1,335 | N/A |
| 47 | LSTA24 | 18-10d | LSTA24 | 18-10d | 1,235 | N/A |
| 71 | MSTA36 | 26-10d | MSTA36 | 26-10d | 2,050 | N/A |
| 72 | MSTC66 | 76-16d SINKERS | N/A | N/A | 5,850 | N/A |
| 79 | SP1 | STD:6-10d / PLT:4-10d | SPT22 | STD:4-10d / PLT:4-10d | 535 | 560 / 260 |
| 80 | SP2 | STD:6-10d / PLT:6-10d | SPT224 | STD:6-10d / PLT:6-10d | 605 | 560 / 260 |
| 81 | SPH4,6,8 | 12-10d x 1½" | TP4,6,48 | 12-10d x 1½" | 550 | N/A |
| 90 | ABU66Z | 12-16d | PAU66 | 12-16d | 1,640 | N/A |
| 89 | CB66 | (2) ⅝" BOLTS | PA8X8 | 4-10d | 4,510 | 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: ⅞" BOLT STUD:(3) ⅞"X5½" BOLTS | HHD8A | SILL: ⅞" BOLT STUD:(3) ⅞"X5½" BOLTS | 7,910 | N/A |
| 99 | A35 | H:4-8dx1½"/P:4-8dx1½" | MPA1 | H:6-8dx1½"/P:6-8dx1½" | 440 | 440 / N/A |
| 98-101 | HTT4 | ⅝" BOLT/ 18-16dx2½" | N/A | N/A | 3,640 | N/A |
| 97-100-102 | HTT5 | ⅝" BOLT/ 26-10d | N/A | N/A | 4,275 | N/A |
| 103 | VGTR/L | 32-SDS¼"X3"/(2) ⅝" BLT | N/A | N/A | 3,990 | N/A |
| 104 | HDU8-SDS2.5 | 7/8" BLT/20-SDS ¼"x2½" | N/A | N/A | 5,020 | N/A |
| 110 | HCP2 | 12-10d x 1½" | HHCP2 | 20-10d x 1½" | 520 | 260 / N/A |
| 167 | HHUS46 | H:14-16d/J:6-16d | THD46 | H:8-18d/J:12-10d | 1,550 | N/A |
| 168 | U46 | H:8-10d/J:4-10d | SUH46 | H:8-16d/J:4-16d | 710 | N/A |
| 181 | HUS26 | 20-16d | THD26 | H:20-16d/J:10-10d | 1,550 | N/A |
| 184 | HHUS28-2 | G:28-16d / T:8-16d | EHUH28-2 | 12-16d | 2,000 | N/A |
| 214 | HUC212-3TF | HD:16-3/16"X1½" TAPCON BM: 6-16d | HDO212-3 | HD:18-3/16"X1½" 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: 10-¼"X1½" TC JOIST : 10-16d | HUS412 | BLOCK: 10-¼"X1½" TC JOIST : 10-16d | 3,240 | N/A |
| 217 | HUS212-2 | BLOCK: 10-¼"X1½" TC JOIST : 10-16d | HUS212-2 | BLOCK: 10-¼"X1½" TC JOIST : 10-16d | 2,630 | N/A |
| 219 | MBHA412 | H:1-ATR¾X8 TOP¢FACE JOIST: 18-10d | NFM35X12U | H:1-½" J-BOLT J:5-½" BOLTS | 3,145 | N/A |
| 220 | N/A | N/A | NFM 3X12 | BLK:½"¢ J /JST:14-10d | 1,620 | N/A |
| 226 | MBHA4.75/12 | HDR : (2) ¾"¢ x 8" JOIST : 18-10d | NFM45U | HDR : MIN. ½"¢ "J" BOLT JOIST : (5) ½"¢ BOLTS | 2,160 | N/A |
| 231 | MBHA3.56/16 | HDR : (2) ¾"¢ x 8" JOIST : 18-10d | NFM3.5X16U | HDR :MIN. ½"¢xJ-BOLTS JOIST : (5) ½"¢ BOLTS | 3,450 | N/A |
| 232 | MBHA5.50/16 | HDR : (2) ¾"¢ x 8" JOIST : 18-10d | NFM5.5X16U | HDR :MIN. ½"¢xJ-BOLTS JOIST : (5) ½"¢ BOLTS | 3,450 | N/A |
| 240 | H15 | R:4-10dx1½"/P:4-10dx1½" | N/A | N/A | 1,300 | 480 / N/A |
| 241 | LGT2 | 30-16d-sinker | LUGT2 | 32-10d | 2000 | 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:¾"BLTS./GIR: 8-10d | USC63 | LTL:¾"BLTS./GIR: 8-16d | 6485 | N/A |
| 303 | HGT-4 | LTL:¾"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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TYPICAL DETAILS / CONNECTOR SCHEDULE

WATERFALL

PARADISO GRANDE

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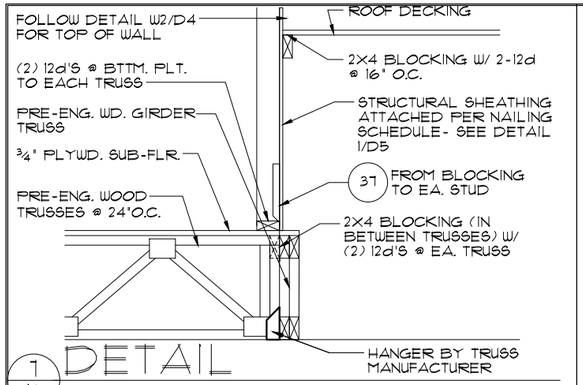
DATE 04-09-21

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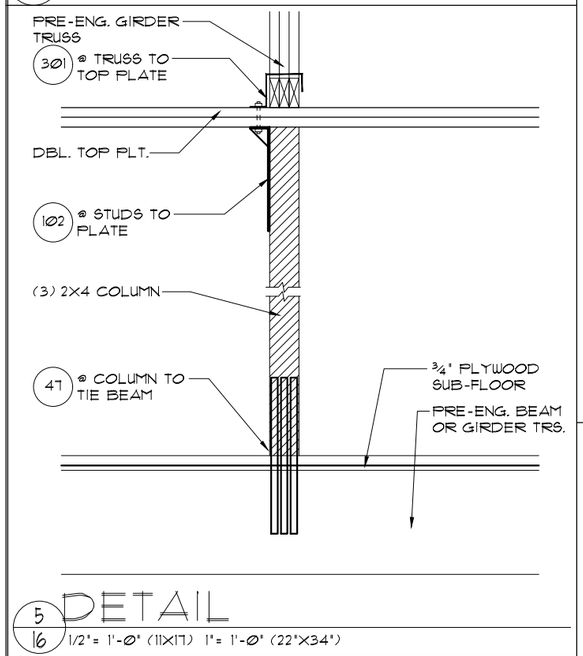
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JOB 6374

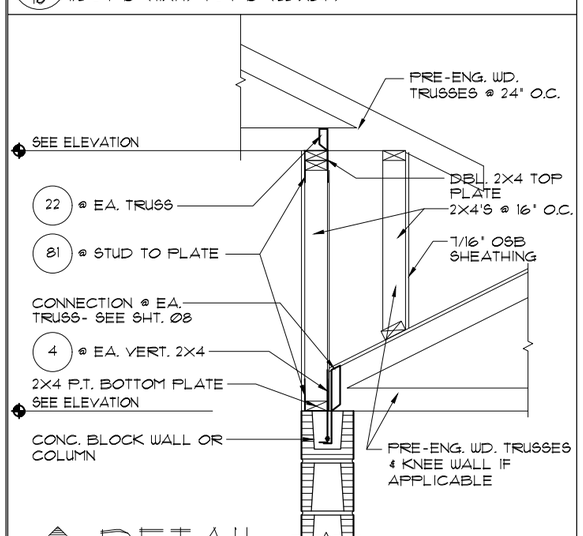
SHEET 15 OF SHEETS



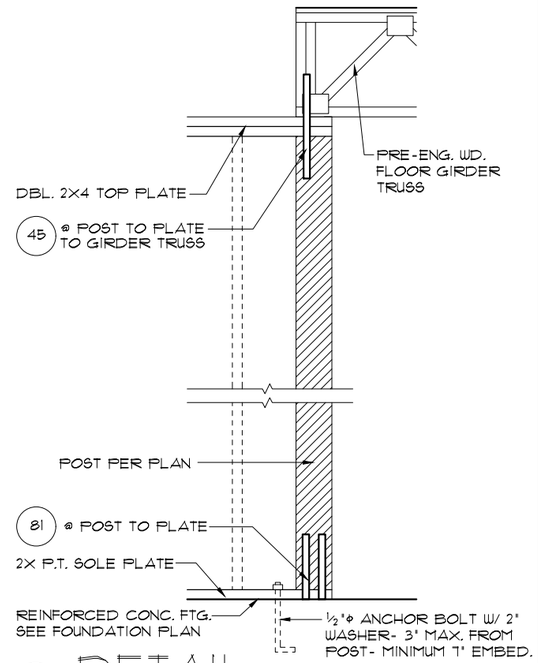

7/16 DETAIL
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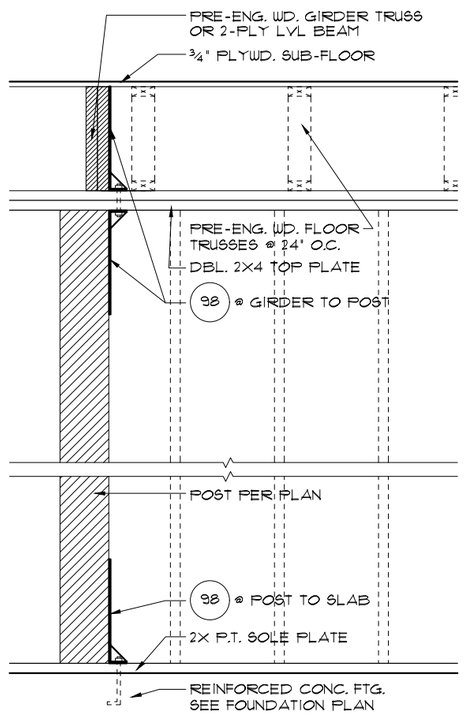

5/16 DETAIL
1/2"= 1'-0" (11X17) 1"= 1'-0" (22"X34")



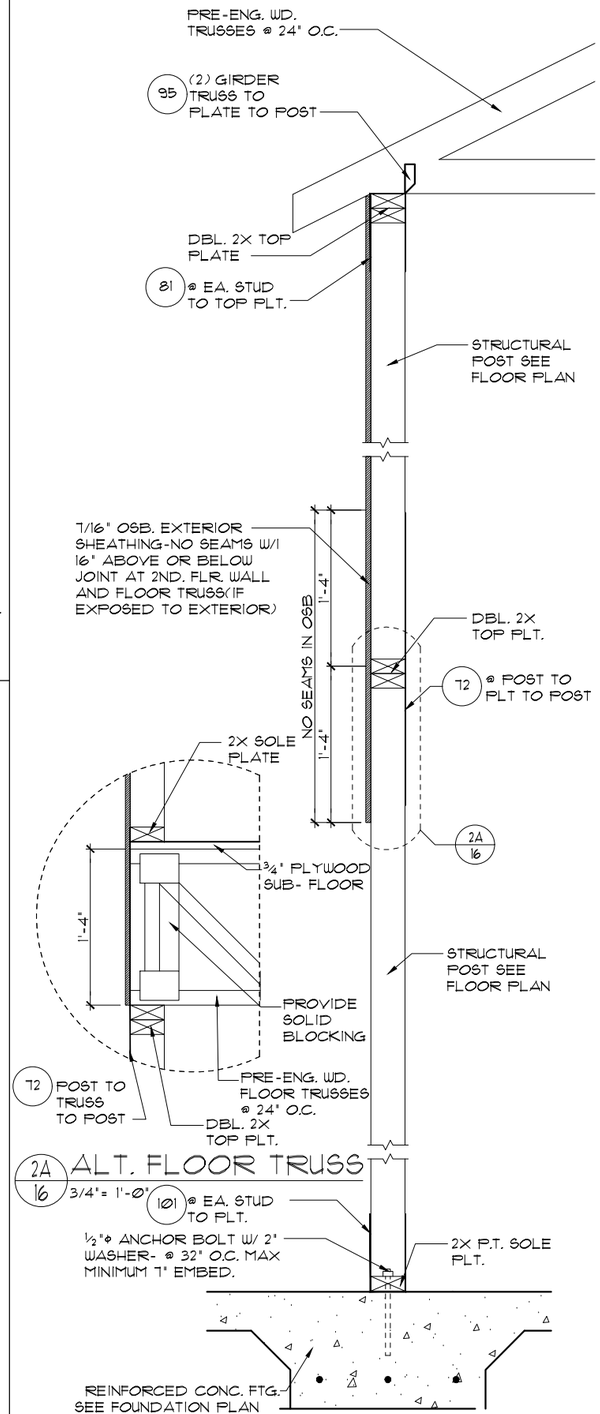

6/16 DETAIL
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3/16 DETAIL
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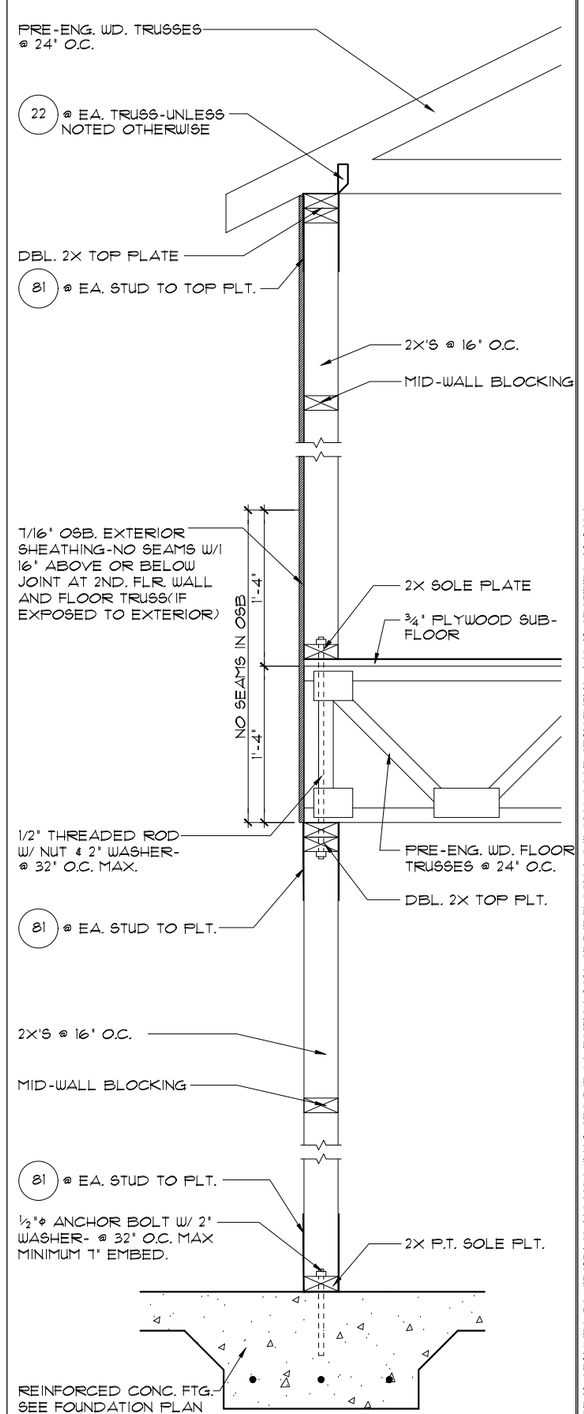

4/16 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)




2A/16 ALT. FLOOR TRUSS
3/4"= 1'-0"



2/16 DETAIL
3/4"=1'-0" (11X17) 1½"=1'-0" (22X34)




1/16 DETAIL
3/4"=1'-0" (11X17) 1½"=1'-0" (22X34)

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TYPICAL DETAILS

WATERFALL
PARADISO GRANDE

6374

| | |
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| DATE | Ø4-Ø9-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 16 |
| OF | SHEETS |

# SAFE LOAD TABLES
## FOR GRAVITY, UPLIFT & LATERAL LOADS

### 8" PRECAST & PRESTRESSED U-LINTELS

**GRAVITY**

| LENGTH \ TYPE | BU8 | 8F8-0B | 8F12-0B | 8F16-0B | 8F20-0B | 8F24-0B | 8F28-0B | 8F32-0B |
|---|---|---|---|---|---|---|---|---|
| | | 8F8-1B | 8F12-1B | 8F16-1B | 8F20-1B | 8F24-1B | 8F28-1B | 8F32-1B |
| 2'-10" (34") PRECAST | 2302 | 3166 | 4473 | 6039 | 7526 | 9004 | 10472 | 11936 |
| | | 3166 | 4473 | 6039 | 7526 | 9004 | 10472 | 11936 |
| 3'-6" (42") PRECAST | 2302 | 3138 | 3377 | 4688 | 6001 | 7315 | 8630 | 9947 |
| | | 3166 | 4473 | 6039 | 7526 | 9004 | 10472 | 11936 |
| 4'-0" (48") PRECAST | 2029 | 2325 | 2496 | 3467 | 4438 | 5410 | 6384 | 7358 |
| | | 2646 | 4473 | 6039 | 7526 | 9004 | 10472 | 11936 |
| 4'-6" (54") PRECAST | 1651 | 1787 | 1913 | 2657 | 3403 | 4149 | 4896 | 5644 |
| | | 2710 | 4021 | 6039 | 7526 | 9004 | 10472 | 11668 |
| 5'-4" (64") PRECAST | 1184 | 1223 | 1301 | 1809 | 2317 | 2826 | 3336 | 3846 |
| | | 1665 | 2888 | 5087 | 6096 | 5400 | 6424 | 7450 |
| 5'-10" (70") PRECAST | 972 | 1090 | 1093 | 1474 | 1889 | 2304 | 2721 | 3137 |
| | | 1459 | 2464 | 4144 | 5488 | 4437 | 5280 | 6122 |
| 6'-6" (78") PRECAST | 837 | 1255 | 2101 | 3263 | 2746 | 3358 | 3971 | 4585 |
| | | 1255 | 2101 | 3396 | 5260 | 7134 | 8995 | 6890 |
| 7'-6" (90") PRECAST | 767 | 1029 | 1675 | 2385 | 1994 | 2439 | 2886 | 3333 |
| | | 1029 | 1675 | 2610 | 3839 | 5596 | 6613 | 5047 |
| 9'-4" (112") PRECAST | 673 | 632 | 1049 | 1469 | 1210 | 1482 | 1754 | 2027 |
| | | 768 | 1212 | 1818 | 2544 | 3469 | 4030 | 3127 |
| 10'-6"(126") PRECAST | 456 | 482 | 802 | 1125 | 915 | 1122 | 1328 | 1535 |
| | | 658 | 1025 | 1514 | 2081 | 2774 | 3130 | 2404 |
| 11'-4" (136") PRECAST | 445 | 598 | 935 | 1365 | 1854 | 2355 | 1793 | 2075 |
| | | 598 | 935 | 1365 | 1854 | 2441 | 3155 | 4044 |
| 12'-0"(144") PRECAST | 414 | 545 | 864 | 1254 | 1693 | 2074 | 1570 | 1818 |
| | | 555 | 864 | 1254 | 1693 | 2211 | 2832 | 3590 |
| 13'-4" (160") PRECAST | 362 | 427 | 726 | 1028 | 1331 | 1635 | 1224 | 1418 |
| | | 489 | 748 | 1076 | 1438 | 1855 | 2343 | 2920 |
| 14'-0"(168") PRECAST | 338 | 381 | 648 | 913 | 1180 | 1462 | 1081 | 1260 |
| | | 455 | 700 | 1003 | 1335 | 1714 | 2153 | 2666 |
| 14'-8" (176") PRESTRESSED | N.R. | NR | NR | NR | NR | NR | NR | NR |
| | | 465 | 765 | 1370 | 2045 | 2610 | 3185 | 3765 |
| 15'-4" (184") PRESTRESSED | N.R. | NR | NR | NR | NR | NR | NR | NR |
| | | 420 | 695 | 1250 | 1855 | 2370 | 2890 | 3410 |
| 17'-4" (208") PRESTRESSED | N.R. | NR | NR | NR | NR | NR | NR | NR |
| | | 310 | 530 | 950 | 1400 | 1800 | 2200 | 2600 |
| 19'-4" (232") PRESTRESSED | N.R. | NR | NR | NR | NR | NR | NR | NR |
| | | 240 | 400 | 750 | 1090 | 1400 | 1720 | 2030 |
| 21'-4" (256") PRESTRESSED | N.R. | NR | NR | NR | NR | NR | NR | NR |
| | | 183 | 330 | 610 | 940 | 1340 | 1780 | 2110 |
| 22'-0" (264") PRESTRESSED | N.R. | NR | NR | NR | NR | NR | NR | NR |
| | | 160 | 300 | 570 | 870 | 1250 | 1660 | 1970 |
| 24'-0" (288") PRESTRESSED | N.R. | NR | NR | NR | NR | NR | NR | NR |
| | | 130 | 240 | 470 | 720 | 1030 | 1350 | 1610 |

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

**GRAVITY**

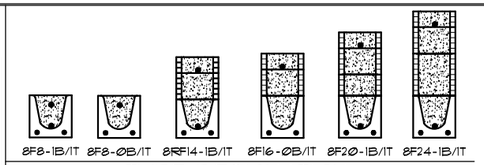
| LENGTH \ TYPE | BRU6 | 8RF6-0B | 8RF10-0B | 8RF14-0B | 8RF18-0B | 8RF22-0B | 8RF26-0B | 8RF30-0B |
|---|---|---|---|---|---|---|---|---|
| | | 8RF6-1B | 8RF10-1B | 8RF14-1B | 8RF18-1B | 8RF22-1B | 8RF26-1B | 8RF30-1B |
| 4'-4" (52") PRECAST | 1489 | 1591 | 3053 | 2982 | 3954 | 4929 | 5904 | 6880 |
| | | 1821 | 3412 | 4982 | 6472 | 7947 | 9416 | 10878 |
| 4'-6" (54") PRECAST | 1387 | 1449 | 2782 | 2714 | 3600 | 4481 | 5375 | 6264 |
| | | 1702 | 3412 | 4982 | 6472 | 7947 | 9416 | 10878 |
| 5'-8" (68") PRECAST | 1185 | 832 | 1602 | 1550 | 2058 | 2566 | 3075 | 3585 |
| | | 1153 | 2162 | 4074 | 6472 | 6516 | 5814 | 6839 |
| 5'-10" (70") PRECAST | 1135 | 779 | 1500 | 1445 | 1924 | 2400 | 2876 | 3352 |
| | | 1103 | 2051 | 3811 | 6472 | 6516 | 5450 | 6411 |
| 6'-8" (80") PRECAST | 822 | 907 | 1671 | 2933 | 2516 | 3223 | 3872 | 4522 |
| | | 907 | 1671 | 2933 | 4100 | 6730 | 8171 | 6701 |
| 7'-6" (90") PRECAST | 665 | 761 | 1371 | 2282 | 1958 | 2491 | 2944 | 3439 |
| | | 764 | 1377 | 2329 | 3609 | 5492 | 6624 | 5132 |
| 9'-8" (116") PRECAST | 371 | 420 | 834 | 1253 | 1071 | 1342 | 1614 | 1886 |
| | | 535 | 928 | 1497 | 2178 | 2618 | 3595 | 2875 |

### 8" PRECAST & PRESTRESSED U-LINTELS

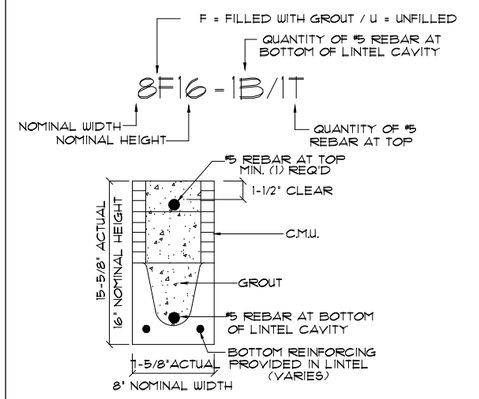
**UPLIFT**

| LENGTH \ TYPE | 8F8-1T / 8F8-2T | 8F12-1T / 8F12-2T | 8F16-1T / 8F16-2T | 8F20-1T / 8F20-2T | 8F24-1T / 8F24-2T | 8F28-1T / 8F28-2T | 8F32-1T / 8F32-2T | LATERAL BU8 | LATERAL 8F8 |
|---|---|---|---|---|---|---|---|---|---|
| 2'-10" (34") PRECAST | 2727 | 2878 | 4101 | 5332 | 6569 | 7811 | 9055 | 2021 | 2021 |
| | 2727 | 2784 | 3981 | 5198 | 6407 | 7630 | 8851 | | |
| 3'-6" (42") PRECAST | 2165 | 2288 | 3260 | 4231 | 5218 | 6204 | 7192 | 1287 | 1287 |
| | 2165 | 2215 | 3165 | 4125 | 5091 | 6061 | 7036 | | |
| 4'-0" (48") PRECAST | 1818 | 1988 | 2832 | 3680 | 4532 | 5381 | 6245 | 938 | 938 |
| | 1818 | 1925 | 2750 | 3583 | 4422 | 5264 | 6110 | | |
| 4'-6" (54") PRECAST | 1660 | 1762 | 2507 | 3251 | 4010 | 4767 | 5525 | 727 | 727 |
| | 1660 | 1705 | 2435 | 3171 | 3913 | 4658 | 5406 | | |
| 5'-4" (64") PRECAST | 1393* | 1484 | 2110 | 2741 | 3375 | 4010 | 4648 | 505 | 505 |
| | 1393 | 1437 | 2050 | 2670 | 3293 | 3920 | 4549 | | |
| 5'-10" (70") PRECAST | 1272* | 1351 | 1930 | 2505 | 3084 | 3665 | 4247 | 418 | 418 |
| | 1272 | 1315 | 1875 | 2441 | 3010 | 3583 | 4157 | | |
| 6'-6" (78") PRECAST | 1141* | 1200 | 1733 | 2250 | 2769 | 3292 | 3812 | 707 | 887 |
| | 1141 | 1182 | 1684 | 2192 | 2703 | 3216 | 3732 | | |
| 7'-6" (90") PRECAST | 959* | 912 | 1475 | 1914 | 2354 | 2797 | 3240 | 591 | 657 |
| | 930 | 1029 | 1466 | 1907 | 2351 | 2797 | 3245 | | |
| 9'-4" (112") PRECAST | 801* | 612 | 980 | 1269 | 1560 | 1852 | 2144 | 454 | 630 |
| | 801 | 755 | 1192 | 1550 | 1910 | 2271 | 2634 | | |
| 10'-6"(126") PRECAST | 716* | 498 | 793 | 1027 | 1261 | 1496 | 1731 | 396 | 493 |
| | 716 | 611 | 1039 | 1389 | 1711 | 2034 | 2358 | | |
| 11'-4" (136") PRECAST | 666* | 439 | 696 | 899 | 1104 | 1309 | 1515 | 363 | 556 |
| | 666 | 535 | 909 | 1295 | 1595 | 1896 | 2198 | | |
| 12'-0"(144") PRECAST | 607* | 400 | 631 | 816 | 1001 | 1186 | 1372 | 340 | 454 |
| | 631 | 486 | 818 | 1293 | 1514 | 1799 | 2086 | | |
| 13'-4" (160") PRECAST | 500* | 340 | 532 | 686 | 841 | 997 | 1153 | 302 | 398 |
| | 573 | 409 | 682 | 1004 | 1367 | 1631 | 1891 | | |
| 14'-0"(168") PRECAST | 458* | 316 | 493 | 635 | 778 | 922 | 1065 | 286 | 360 |
| | 548 | 378 | 629 | 922 | 1254 | 1561 | 1816 | | |
| 14'-8" (176") PRESTRESSED | 243 | 295 | 459 | 591 | 724 | 857 | 990 | N.R. | 357 |
| | 243 | 352 | 582 | 852 | 1156 | 1491 | 1742 | | |
| 15'-4" (184") PRESTRESSED | 228 | 278 | 430 | 553 | 677 | 801 | 925 | N.R. | 321 |
| | 228 | 329 | 542 | 791 | 1072 | 1381 | 1676 | | |
| 17'-4" (208") PRESTRESSED | 188 | 236 | 361 | 464 | 567 | 670 | 774 | N.R. | 255 |
| | 188 | 276 | 449 | 649 | 874 | 1121 | 1389 | | |
| 19'-4" (232") PRESTRESSED | 165 | 207 | 313 | 401 | 490 | 578 | 667 | N.R. | 264 |
| | 165 | 239 | 383 | 550 | 736 | 940 | 1160 | | |
| 21'-4" (256") PRESTRESSED | 145 | 186 | 278 | 356 | 433 | 512 | 590 | N.R. | 172 |
| | 142 | 212 | 336 | 477 | 635 | 801 | 993 | | |
| 22'-0" (264") PRESTRESSED | 140 | 180 | 268 | 343 | 418 | 493 | 568 | N.R. | 161 |
| | 131 | 205 | 322 | 457 | 607 | 771 | 947 | | |
| 24'-0" (288") PRESTRESSED | 121 | 165 | 244 | 312 | 380 | 447 | 515 | N.R. | 135 |
| | 124 | 186 | 290 | 408 | 538 | 680 | 833 | | |

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR




## TYPE DESIGNATION




## MATERIALS

1. f'c precast lintels = 3500 psi.
2. f'c prestressed lintels = 6000 psi.
3. f'c grout = 3000 psi w/ maximum 3/8" aggregate.
4. Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
5. Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
6. Prestressing strand per ASTM A416 grade 270 low relaxation.
7. 7/32 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 11'-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. 7/32" 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

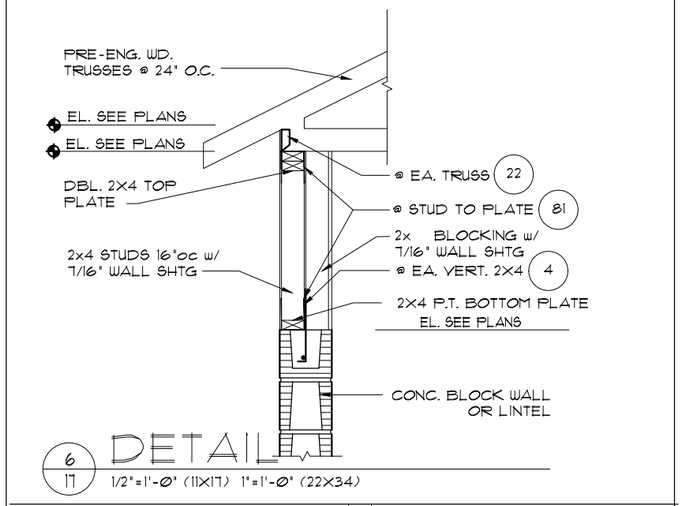
1. All values based on minimum 4" bearing. Exception: Safe loads for unfilled lintels must be reduced by 20% if bearing length is less than 6-1/2". Safe loads for all recessed lintels based on 8" nominal bearing.
2. N.R. = Not Rated.
3. Safe loads are total superimposed allowable load on the section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

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

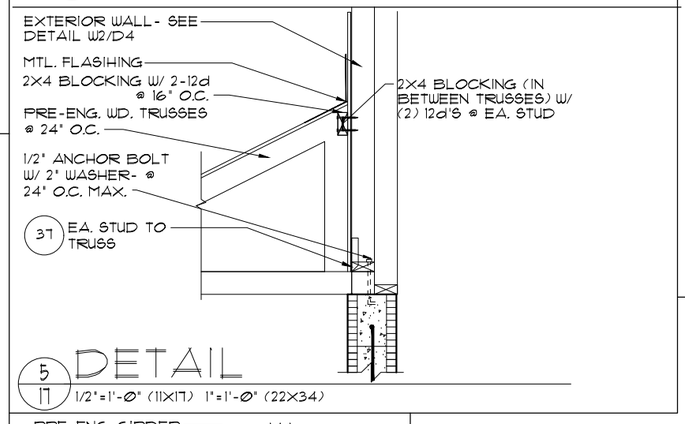
**UPLIFT**

| LENGTH \ TYPE | 8RF6-1T / 8RF6-2T | 8RF10-1T / 8RF10-2T | 8RF14-1T / 8RF14-2T | 8RF18-1T / 8RF18-2T | 8RF22-1T / 8RF22-2T | 8RF26-1T / 8RF26-2T | 8RF30-1T / 8RF30-2T | LATERAL BRU6 | LATERAL 8RF6 |
|---|---|---|---|---|---|---|---|---|---|
| 4'-4" (52") PRECAST | 1244 | 1513 | 2413 | 3260 | 4112 | 4967 | 5825 | 932 | 932 |
| | 1244 | 1518 | 2339 | 3170 | 4000 | 4850 | 5696 | | |
| 4'-6" (54") PRECAST | 1192 | 1501 | 2311 | 3121 | 3931 | 4756 | 5571 | 853 | 853 |
| | 1192 | 1455 | 2240 | 3036 | 3831 | 4643 | 5453 | | |
| 5'-8" (68") PRECAST | 924* | 1172 | 1799 | 2423 | 3055 | 3689 | 4325 | 501 | 501 |
| | 924 | 1132 | 1741 | 2351 | 2976 | 3603 | 4230 | | |
| 5'-10" (70") PRECAST | 896* | 1138 | 1742 | 2352 | 2965 | 3581 | 4198 | 469 | 469 |
| | 896 | 1099 | 1690 | 2288 | 2891 | 3491 | 4106 | | |
| 6'-8" (80") PRECAST | 778 | 882 | 1513 | 2042 | 2573 | 3107 | 3642 | 830 | 1100 |
| | 778 | 856 | 1468 | 1981 | 2509 | 3035 | 3563 | | |
| 7'-6" (90") PRECAST | 688 | 697 | 1325 | 1810 | 2280 | 2753 | 3227 | 710 | 941 |
| | 688 | 849 | 1302 | 1762 | 2225 | 2690 | 3157 | | |
| 9'-8" (116") PRECAST | 533* | 433 | 808 | 1123 | 1413 | 1704 | 1995 | 516 | 614 |
| | 533 | 527 | 1005 | 1369 | 1728 | 2088 | 2450 | | |

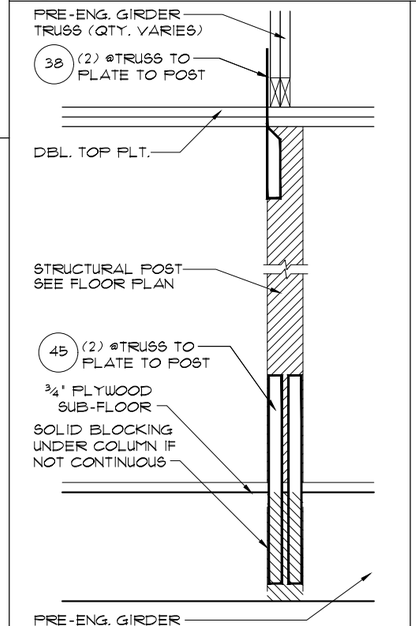
*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



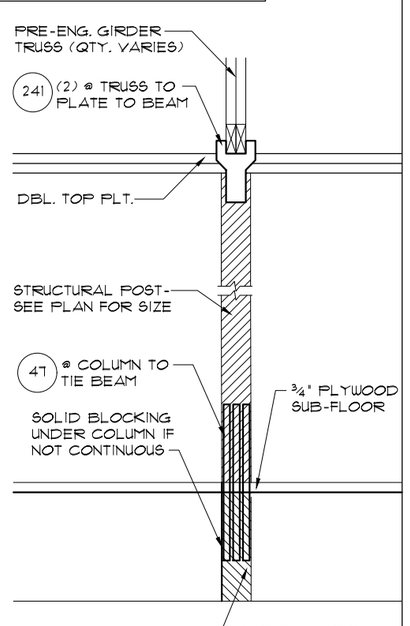

6/17 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



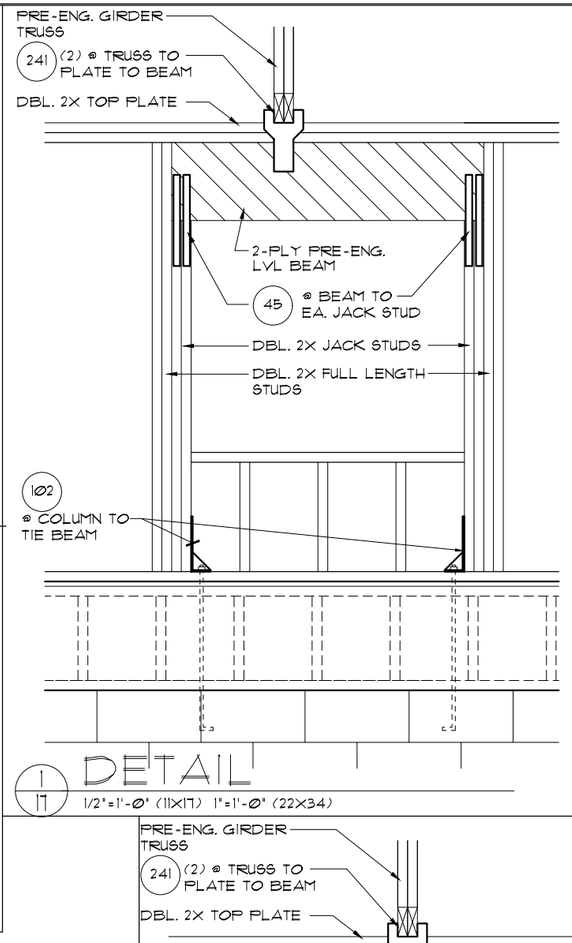

5/17 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



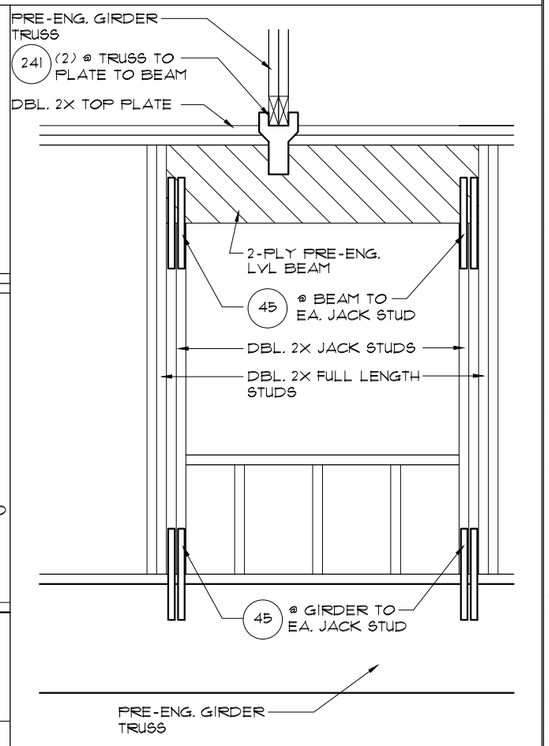

4/17 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)




2/17 DETAIL
1/2"= 1'-0" (11X17) 1"= 1'-0" (22"X34')




1/17 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)




3/17 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)

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

LOT: 0000, PARADISO GRANDE

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PARADISO GRANDE

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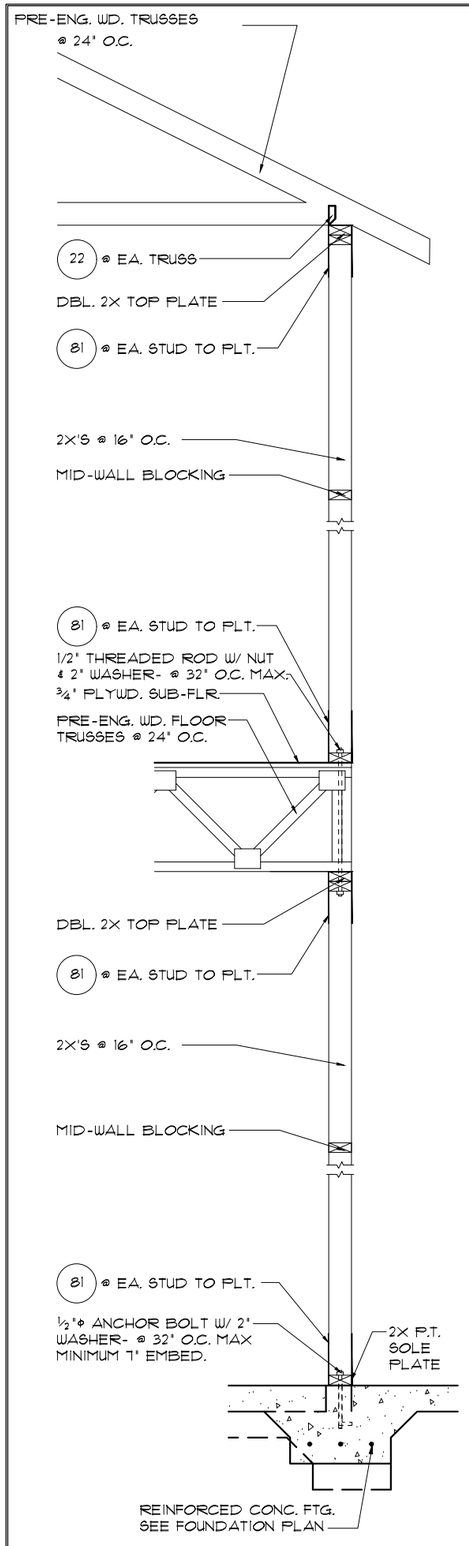
PRE CAST LINTEL DATA / STRUCTURAL DETAILS

WATERFALL

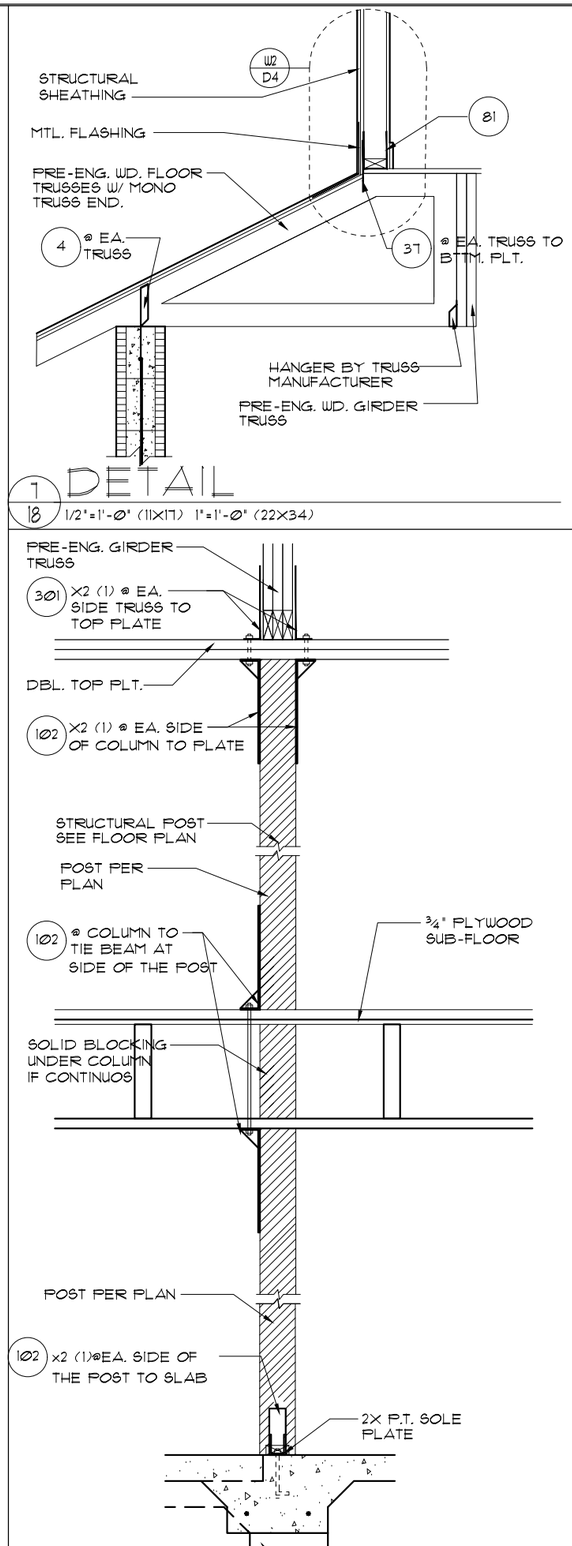
PARADISO GRANDE

6374

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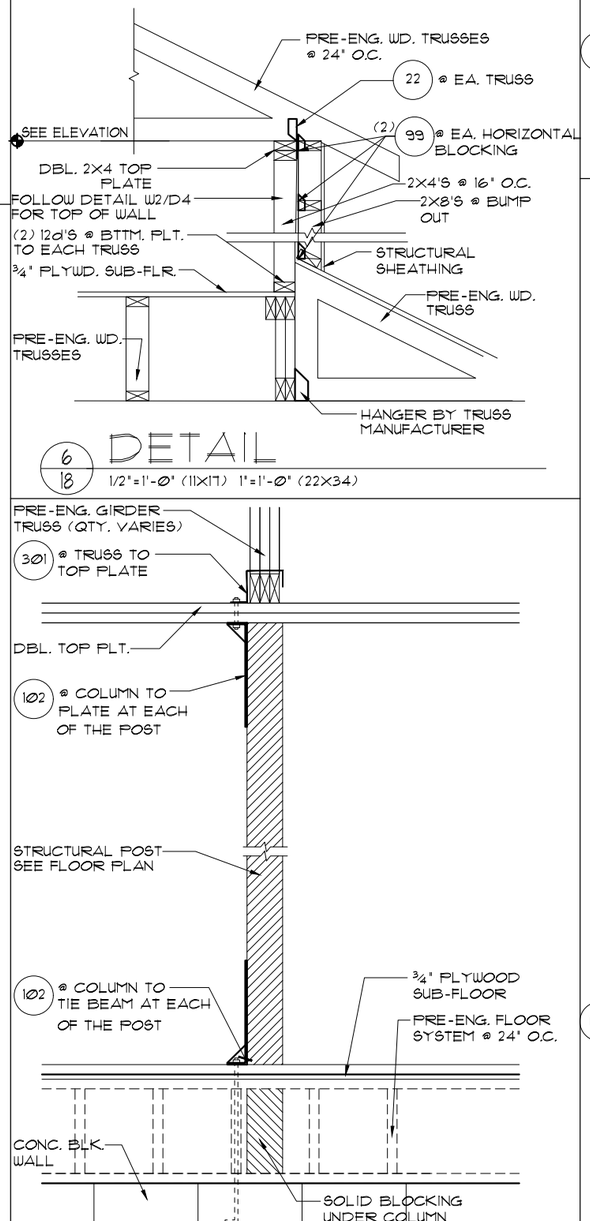



5/18 DETAIL
1/2"= 1'-0" (11X17) 1"= 1'-0" (22"X34")



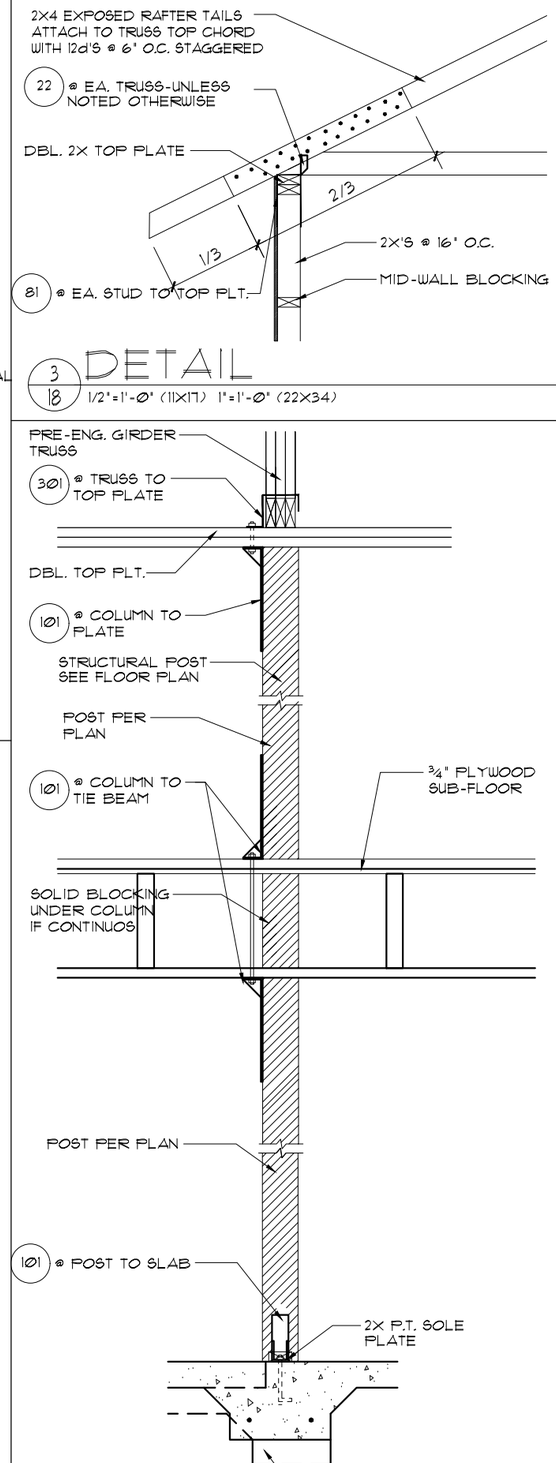

7/18 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)

4/18 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)




6/18 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)

2/18 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)




3/18 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)

1/18 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)

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

LOT: 0000, PARADISO GRANDE

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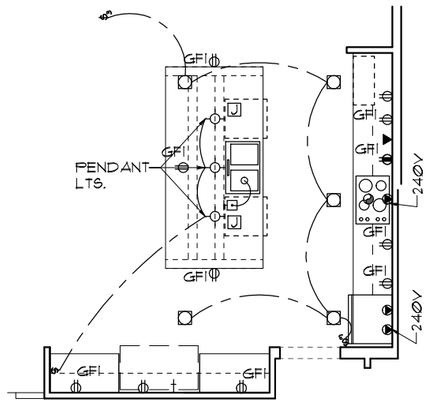
Park Square HOMES
A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineland Road, Suite 200
Orlando, Florida 32811
Phone (407) 529 - 3000

PRE CAST LINTEL DATA / STRUCTURAL DETAILS

WATERFALL
PARADISO GRANDE

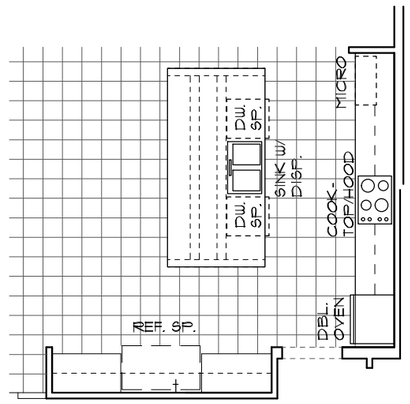
6374

| | |
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| JOB | 6374 |
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| OF | SHEETS |



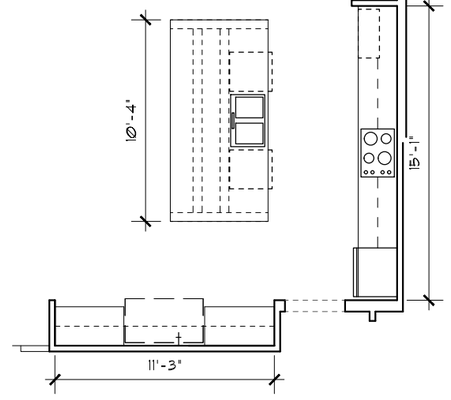

## ELECTRICAL PLAN

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



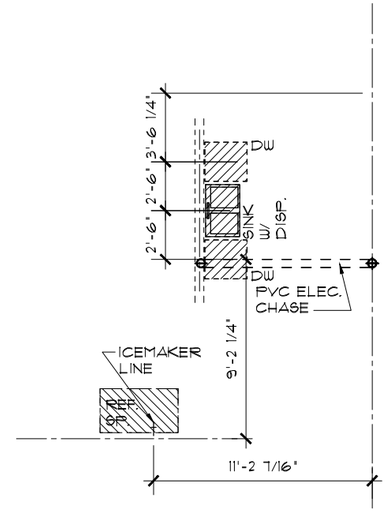

## FLOOR PLAN W/ NOTES

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




## FLOOR PLAN W/ DIMENSIONS

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

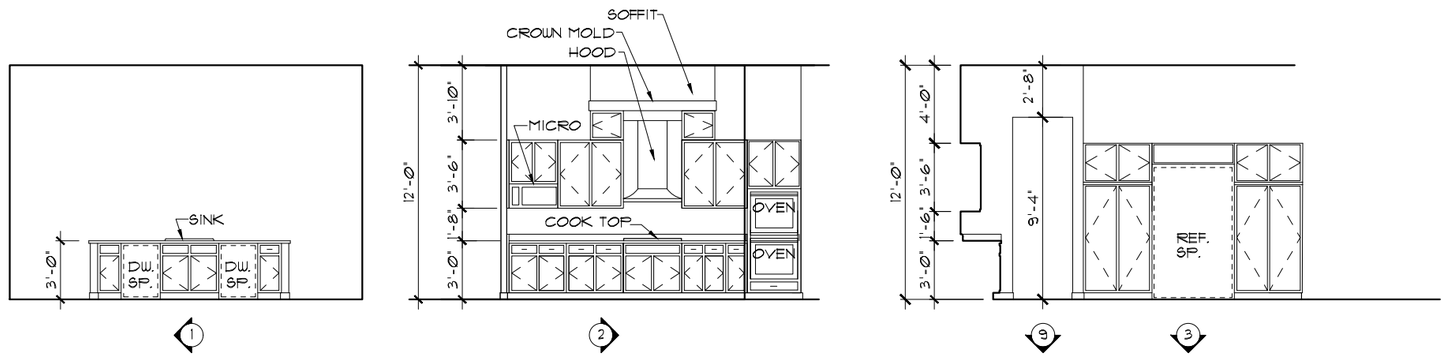



## FOUNDATION PLAN

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

1/19

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

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PARADISO GRANDE

| REVISIONS | BY |
|---|---|
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OPTIONAL KITCHEN

WATERFALL

PARADISO GRANDE

6374

| | |
|---|---|
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 19 |
| OF | SHEETS |