

6374 (A,B,C)

WATERFALL PARADISO GRANDE

60'0 X 72'0

| REVISION SCHEDULE | | | |
|-------------------|----------|--|----|
| NO. | DATE | DESCRIPTION | BY |
| ⓐ | 04-09-21 | -THESE PLANS CREATED USING 6275 VALENCIA PLANS DATED 03-04-21 PROVIDED BY PSH | DE |
| ⓑ | 07-07-21 | -REVISED 2ND FLOOR EXTERIOR FINISH FROM STUCCO TO SMOOTH PANEL BOARD -REVISE ALL ARCH SOFFITS TO FLAT | JA |
| ⓒ | 11-16-21 | -CHANGED WET BAR TO OPT. | RN |
| ⓓ | 04-05-23 | -ADD EXTRA RECESS CANS IN DINING & FAM. RM. | ZE |
| ⓔ | 06-20-23 | -UPDATE ALARM PER BUILDER'S REQUEST | ZE |
| ⓕ | 08-10-23 | -CHANGE DOWNSTAIRS POOL BATH TO FULL BATH -ADD (3) RECESS CANS AT GREAT RM & (2) DINING | ZE |
| ⓖ | 10-02-23 | -DELETE ALL INTERIOR DOORS HEIGHTS | ZE |
| ⓗ | 1-31-24 | -EXTEND KITCHEN ISLAND 12" | ZE |
| ⓓ | 02-28-24 | -ADD ELECTRICAL CHANGES REQUESTED NL | ZE |

SHEET INDEX- ELEVATION "A"

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

SHEET INDEX- ELEVATION "B"

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

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 |
| 08 | CROSS SECTION AND INTERIOR ELEVATIONS |
| 09C.0 | ELECTRICAL PLAN |
| 10C.0 | UPPER ELECTRICAL PLAN |
| 11C.0 | TRUSS LAYOUT |
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| D4 | TYPICAL STRUCTURAL DETAILS |
| D5 | TYPICAL STRUCTURAL DETAILS |
| D6 | SOFFIT DETAILS |

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

LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

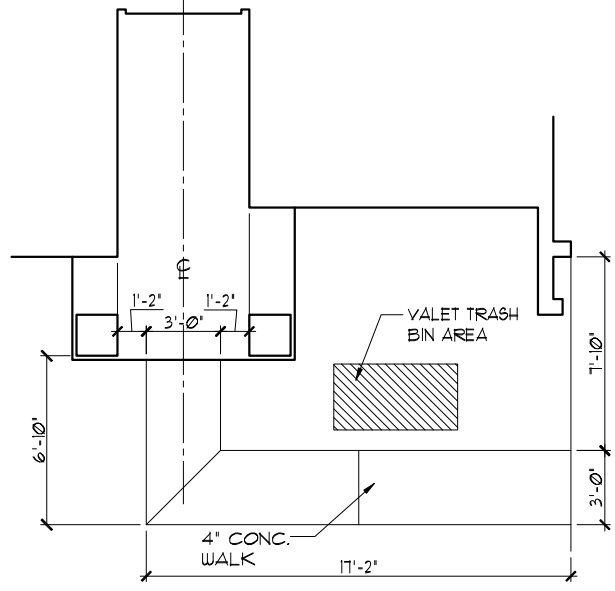
6374
DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 6374
SHEET
00
OF SHEETS

WATERFALL
PARADISO GRANDE
COVER SHEET

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

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

REVISIONS BY

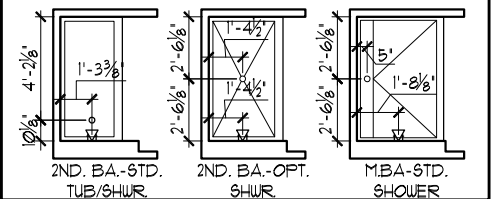
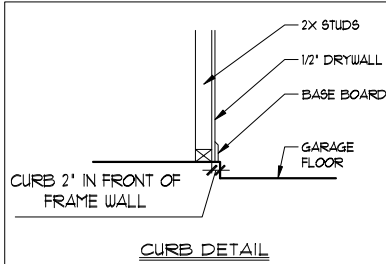


SIDEWALK LAYOUT

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

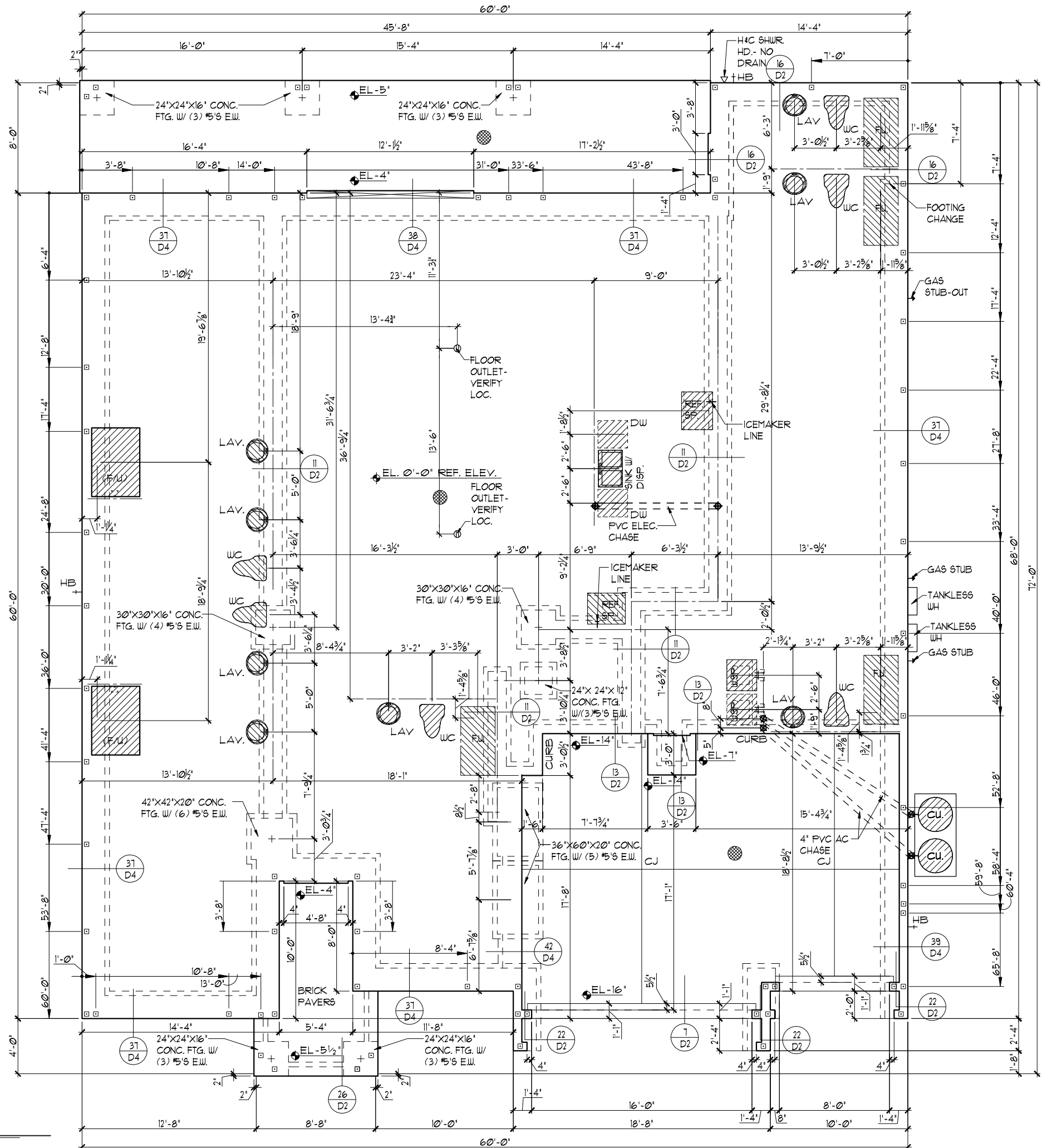
FOUNDATION NOTES

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



FOUNDATION PLAN "A"

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



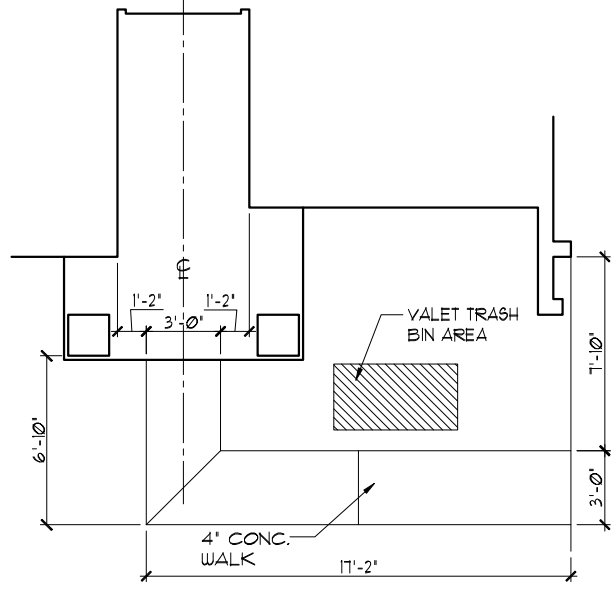
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 PARADISO GRANDE
 A DIVISION OF PARK SQUARE ENTERPRISES, INC.
 5200 Vineland Road, Suite 200
 Orlando, Florida, 32811
 Phone: (407) 529 - 3000

| REVISIONS | BY |
|-----------|----|
| | |

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

Park Square HOMES
 FOUNDATION PLAN
 WATERFALL
 PARADISO GRANDE

DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 6374
 SHEET 01A.0
 OF 2 SHEETS

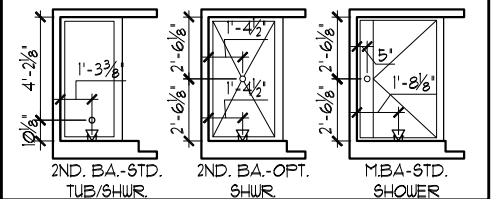
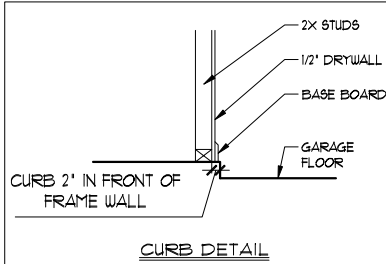


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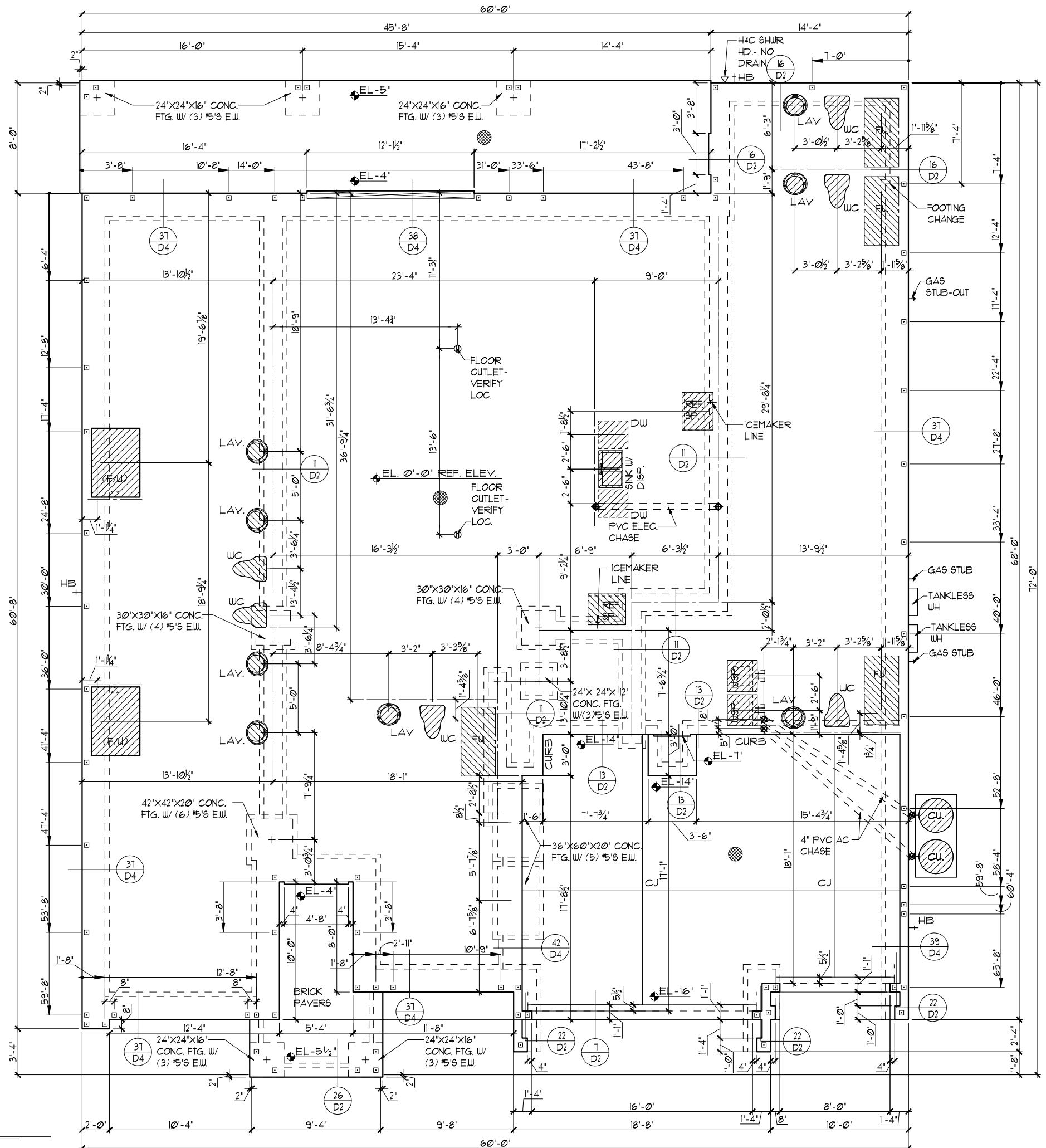
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FOUNDATION PLAN "B"

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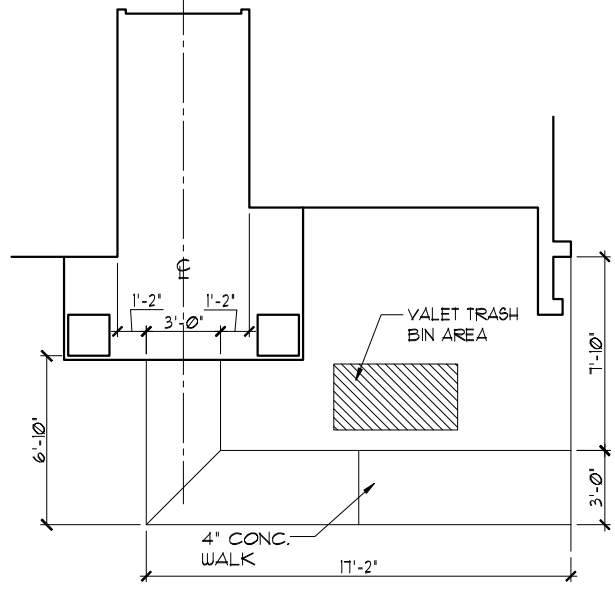
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Park Square HOMES

FOUNDATION PLAN

WATERFALL
PARADISO GRANDE

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

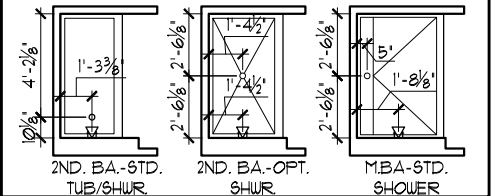
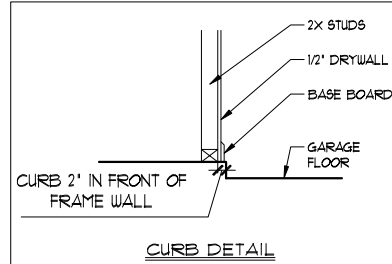


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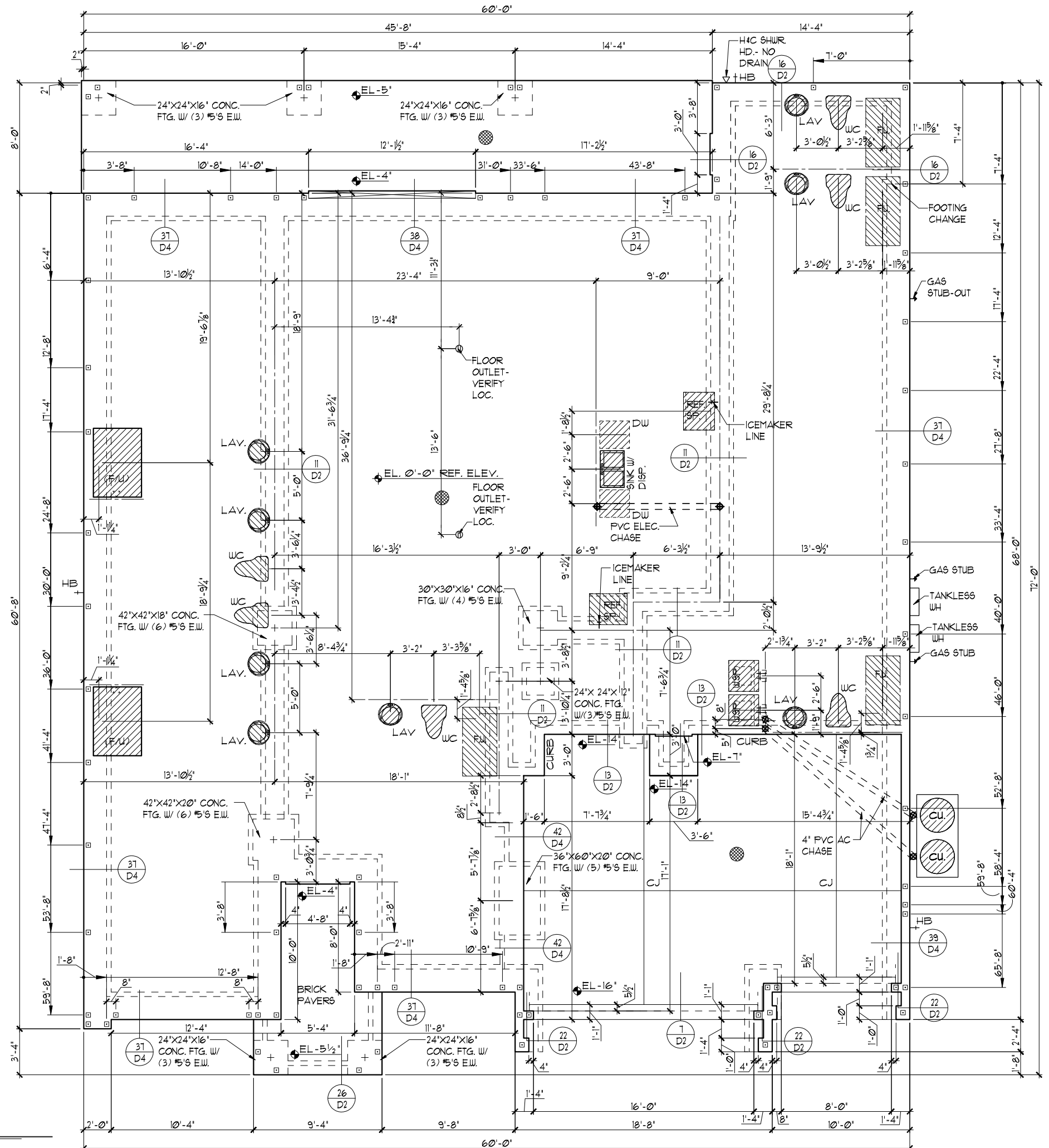
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FOUNDATION PLAN "C"

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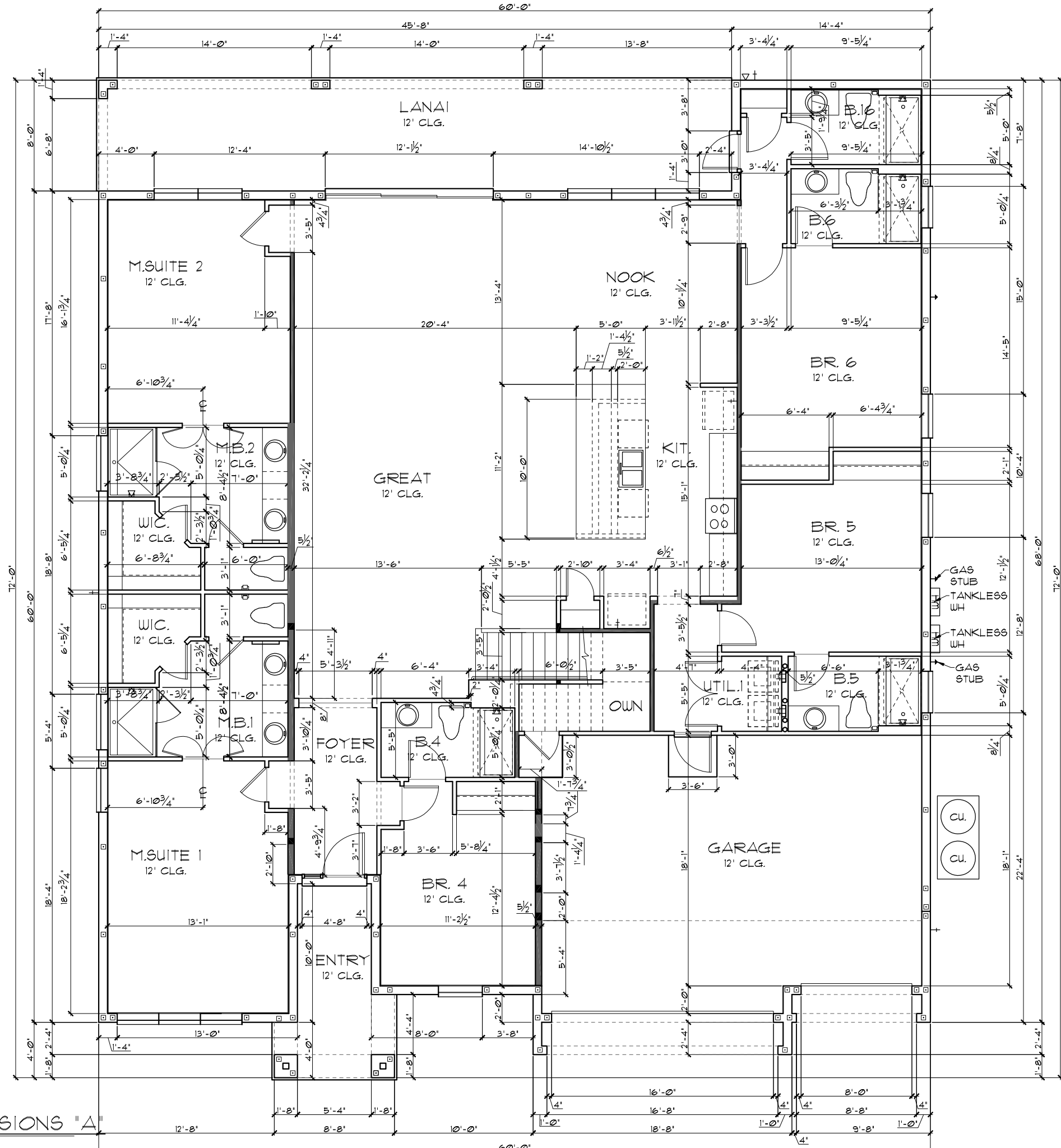
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Park Square HOMES
FOUNDATION PLAN
WATERFALL
PARADISO GRANDE
 6374
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 6374
 SHEET 01C.0
 OF SHEETS

| TABULATION | |
|------------------|-----------|
| UPPER LIVING | 3,323 SF. |
| LOWER LIVING | 3,051 SF. |
| TOTAL LIVING | 6,374 SF. |
| GARAGE | 567 SF. |
| ENTRY | 155 SF. |
| LANAI | 365 SF. |
| TOTAL UNDER ROOF | 7,461 SF. |

- GENERAL NOTES**
- CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
 - DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
 - ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3/2" UNLESS NOTED OTHERWISE.
 - ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 1 1/2" UNLESS NOTED OTHERWISE.
 - FULL 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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Park Square HOMES

REVISIONS BY

WATERFALL
PARADISO GRANDE

6374
DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 6374
SHEET 02A.0
OF SHEETS

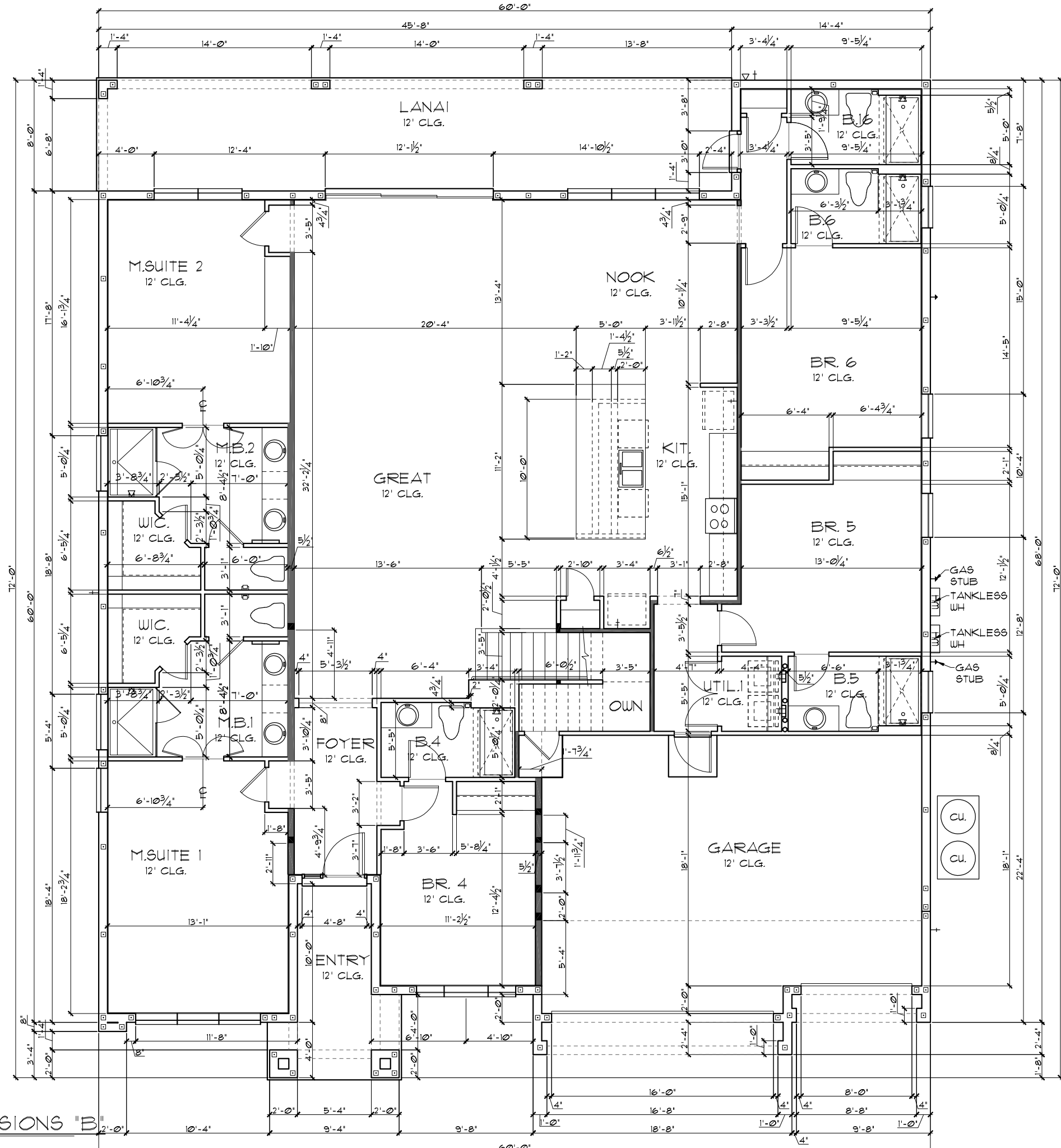
PARADISO GRANDE

FLOOR PLAN W/ DIMENSIONS

| TABULATION | |
|------------------|-----------|
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| 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. |

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FLOOR PLAN W/ DIMENSIONS "B"
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| | |
|---|----------------------|
| <p>WATERFALL</p> <p>PARADISO GRANDE</p> | |
| <p>6374</p> | <p>DATE 04-09-21</p> |
| <p>SCALE AS NOTED</p> | <p>DRAWN RDC</p> |
| <p>JOB 6374</p> | <p>SHEET</p> |
| <p>02B.0</p> | <p>OF SHEETS</p> |

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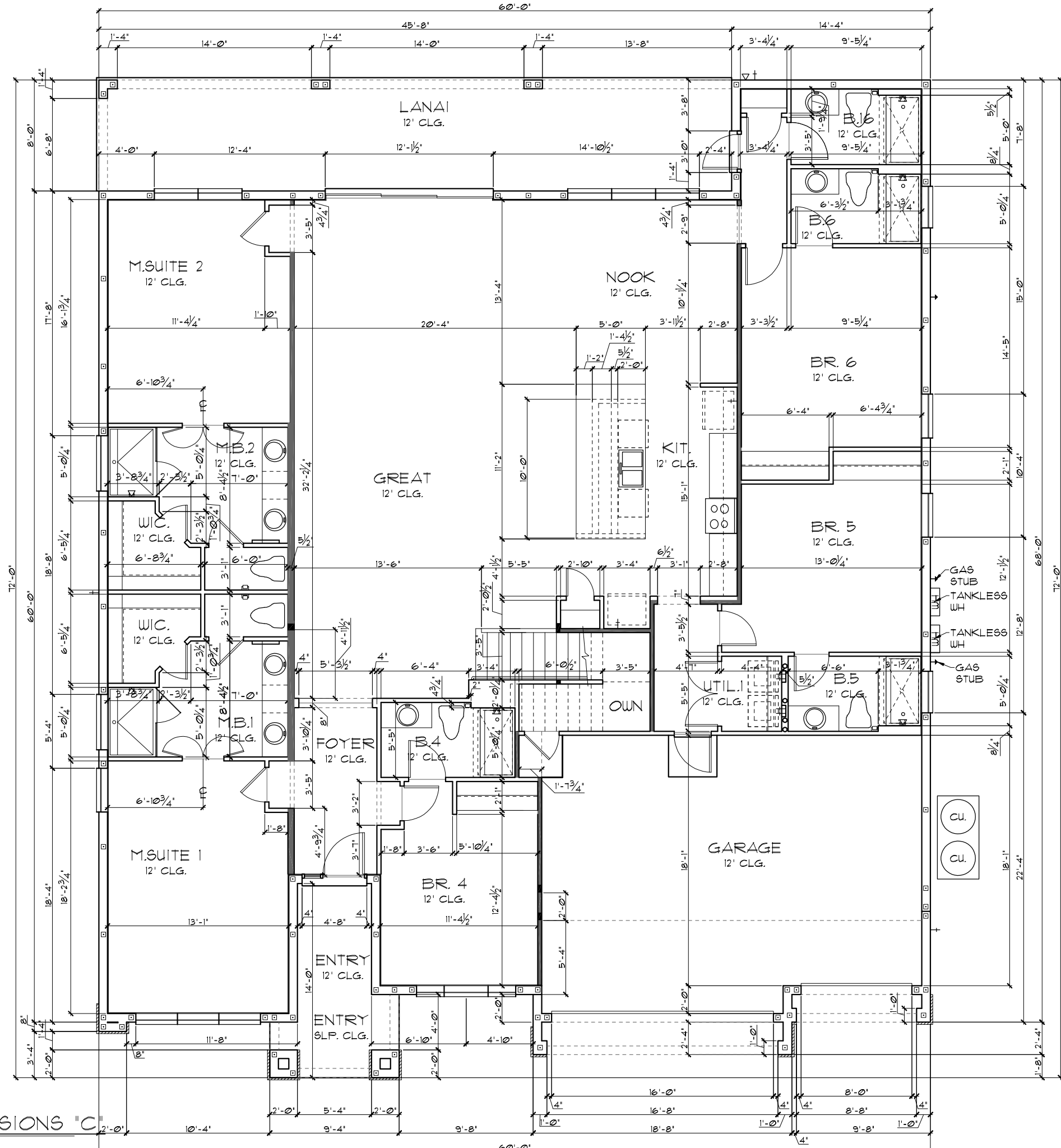
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WATERFALL

PARADISO GRANDE

6374

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 6374

SHEET

02C OF 0 SHEETS

PARADISO GRANDE

A DIVISION OF PARK SQUARE ENTERPRISES, INC.
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| REVISIONS | BY |
|-----------|----|
| | |

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

DEAD LOADS

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

ROOF: LIVE LOADS

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

FLOOR LIVE LOADS

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

ROOF LIVE LOADS

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

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

EGRESS WINDOW SCHEDULE - R310.2.1 - FBCR2020

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

NOTE:

- ALL EMERGENCY ESCAPE WINDOW SILLS TO BE NOT MORE THAN 44" MIN. A.F.F. - R310.2 - FBCR (2020)
- WINDOWS SILLS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 72" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

PER FBC R301- TABLE R301.5

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

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

PER FBC R301- TABLE R301.5

| | |
|--------------------------------|----------------------|
| GUARDRAILS & HANDRAILS | 200 PSF |
| GUARDRAIL IN - FILL COMPONENTS | 50 PSF |
| GUARDRAILS HEIGHT | 36" MIN. |
| HANDRAIL HEIGHT | 34" MIN. TO 38" MAX. |
| GUARDRAIL OPENING LIMITATIONS | 4" IN DIAMETER MAX. |

NOTE: HANDRAIL CONTINUITY PER R311.8.2 - HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1 1/2" (38MM) BETWEEN THE WALL AND THE HANDRAIL.

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

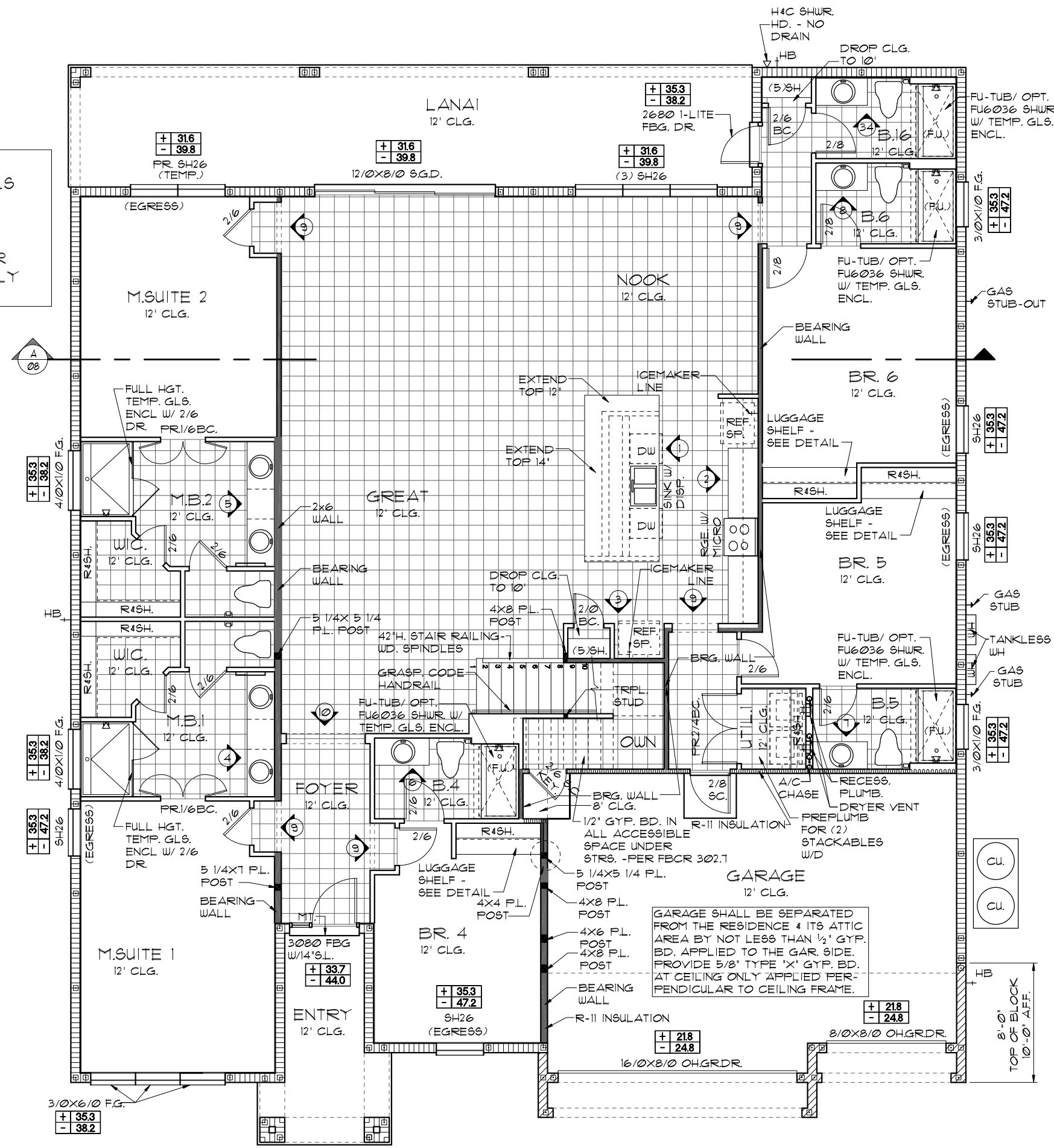
- BASIC WIND SPEED: 140 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: B
- BUILDING TYPE: V B
- ENCLOSURE: +/- 18, INCLUDED CLASSIFICATION INTERNAL IN NOTE #6
- PRESSURE COEFFICIENT:
- COMPONENT / CLADDING: SEE PLAN DESIGN WIND PRESSURE:

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

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

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

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



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

PARADISO GRANDE

Engineering By: DBE and C
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PE 47509
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Orlando, Florida, 32818
Phone: (407) 529 - 3000

Park Square HOMES

FLOOR PLAN W/ NOTES

WATERFALL

PARADISO GRANDE

6374

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 6374

SHEET

03A.0

OF SHEETS

LOT: 0000, PARADISO GRANDE

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

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

DEAD LOADS

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

ROOF: LIVE LOADS

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

EGRESS WINDOW SCHEDULE - R310.2.1 - FBCR2020

| | | |
|------|--------------------------|-------------------------------------|
| 9H26 | 31 1/8" H. X 33 1/4" W. | MIN. NET CLEAR OPENING 7.19 SQFT |
| 9H26 | 72" H. X 37 3/4" W. R.O. | |

NOTE:

- ALL EMERGENCY ESCAPE WINDOW SILLS TO BE NOT MORE THAN 44" MIN. A.F.F. - R310.2 - FBCR (2020)
- WINDOWS SILLS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 72" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

PER FBC R301- TABLE R301.5

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

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

PER FBC R301- TABLE R301.5

| | |
|--------------------------------|---------|
| GUARDRAILS & HANDRAILS | 200 PSF |
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| STAIRS | 40 PSF |

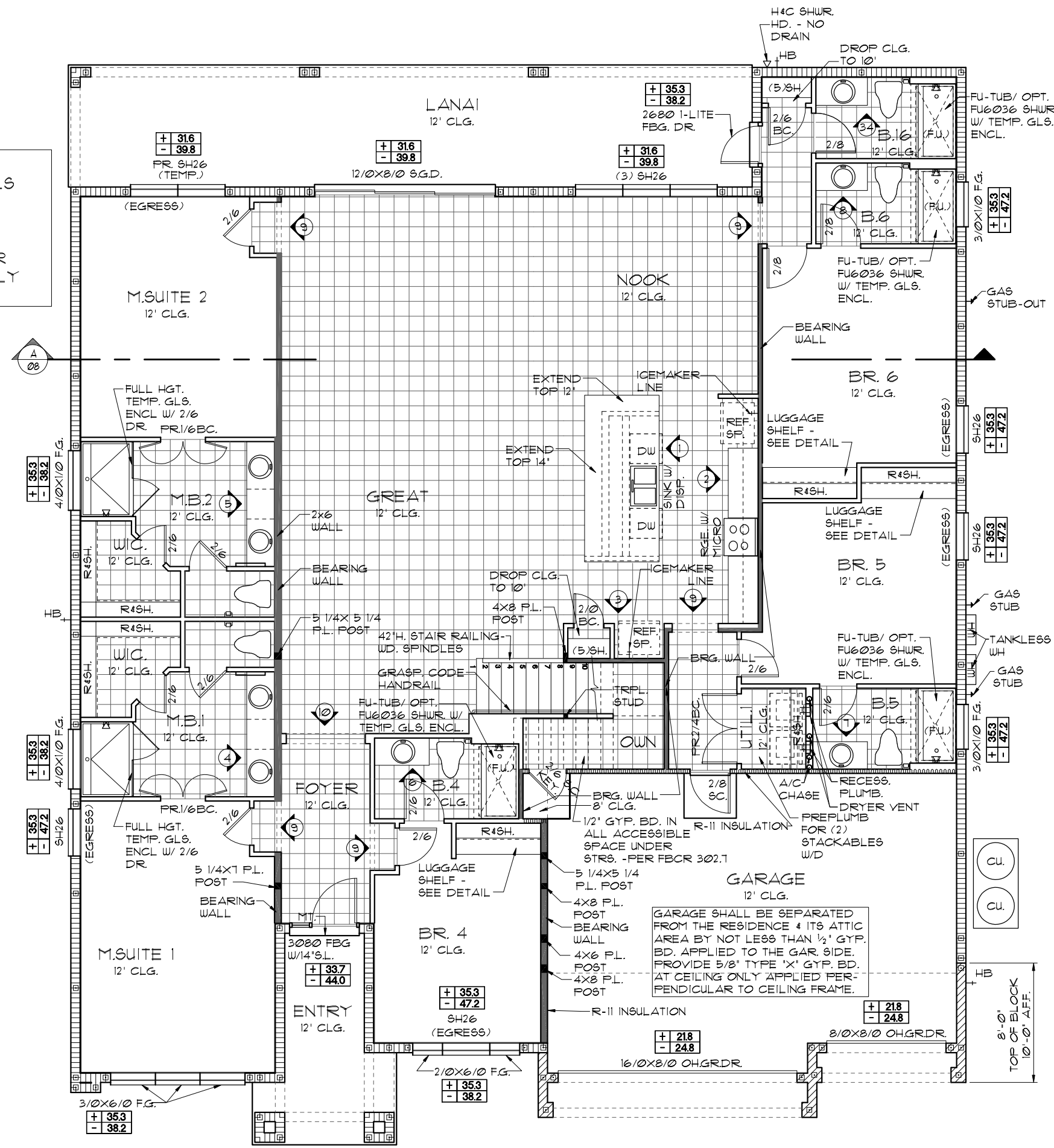
WIND INFORMATION
PER 17TH EDITION, 2020 FLORIDA BUILDING RESIDENTIAL CODE

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

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

- GENERAL NOTES**
- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
 - VENT DRYER THRU ROOF.
 - PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
 - DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
 - MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
 - | | |
|----------|---|
| [Symbol] | DENOTES CONC. BLOCK WALL HGT. @ 12'-0" A.F.F. |
| [Symbol] | DENOTES CONC. BLOCK WALL HGT. @ 10'-0" A.F.F. |
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 - REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
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FLOOR PLAN W/ NOTES "B"
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

PARADISO GRANDE

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Phone: (407) 529-3000

Park Square HOMES

FLOOR PLAN W/ NOTES

WATERFALL

PARADISO GRANDE

6374

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

REVISIONS BY

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

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

DEAD LOADS

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

ROOF: LIVE LOADS

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

FLOOR LIVE LOADS

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

ROOF LIVE LOADS

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

WIND INFORMATION
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DESIGN WIND PRESSURE IAW FLA RESIDENTIAL CODE, SECTION R301

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EGRESS WINDOW SCHEDULE - R310.2.1 - FBCR2020

| | | |
|------|--------------------------|----------------------------------|
| 9H26 | 31 1/8" H. X 33 1/4" W. | MIN. NET CLEAR OPENING 7.19 SQFT |
| 9H26 | 72" H. X 37 3/4" W. R.O. | |

NOTE:

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- WINDOWS SILLS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

PER FBC R301- TABLE R301.5

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

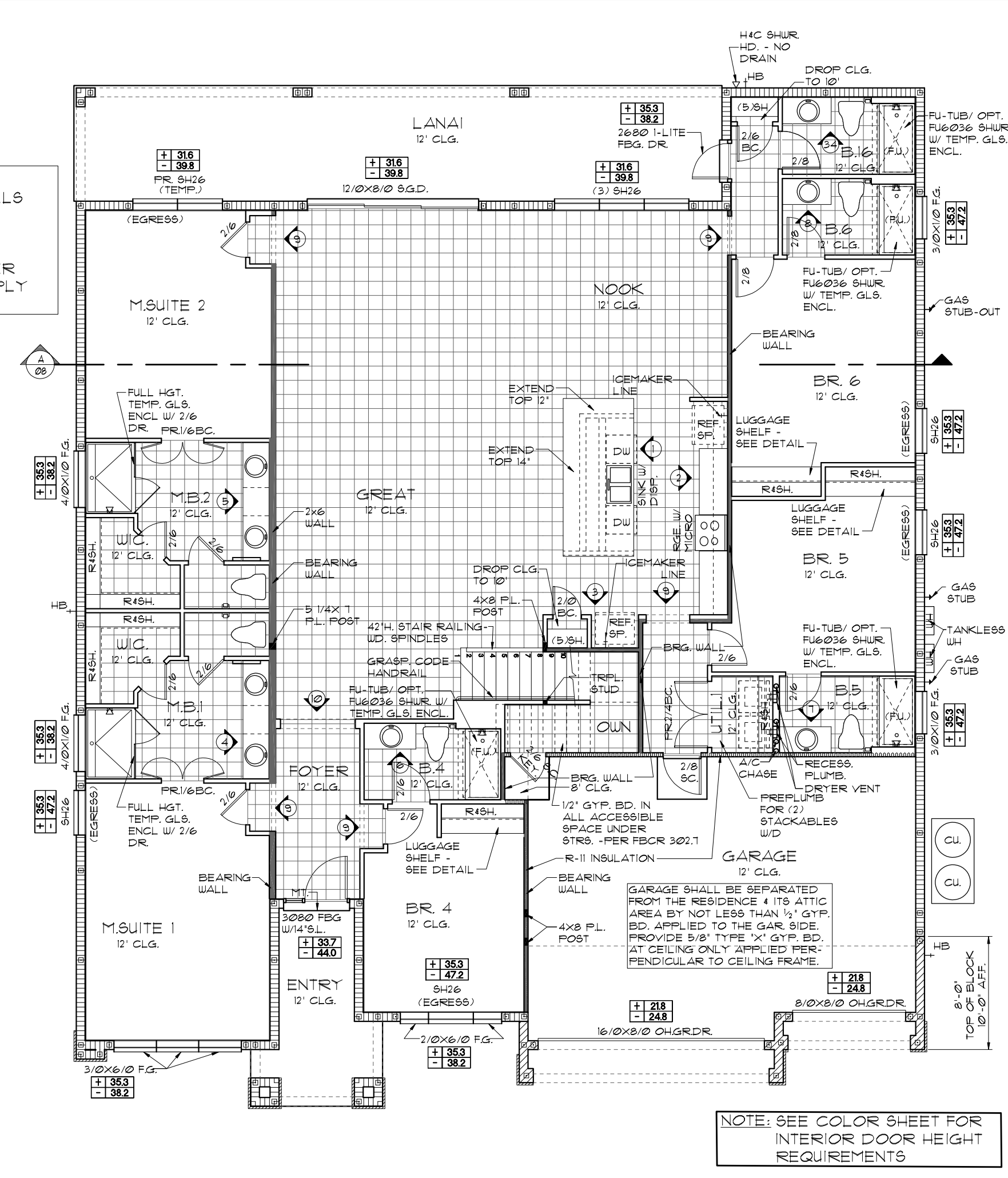
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PER FBC R301- TABLE R301.5

| | |
|--------------------------------|----------------------|
| GUARDRAILS & HANDRAILS | 200 PSF |
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| GUARDRAILS HEIGHT | 36" MIN. |
| HANDRAIL HEIGHT | 34" MIN. TO 38" MAX. |
| GUARDRAIL OPENING LIMITATIONS | 4" IN DIAMETER MAX. |

NOTE: HANDRAIL CONTINUITY PER R311.8.2 - HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1 1/2" (38MM) BETWEEN THE WALL AND THE HANDRAIL.

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



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

PARADISO GRANDE

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Phone: (407) 529 - 3000

Park Square HOMES

FLOOR PLAN W/ NOTES

WATERFALL

PARADISO GRANDE

LOT: 000, PARADISO GRANDE

DATE: 04-09-21

SCALE: AS NOTED

DRAWN: RDC

JOB: 6374

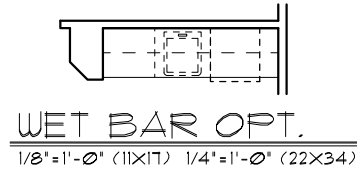
SHEET: 03C.0

DATE: 04-09-21

6374

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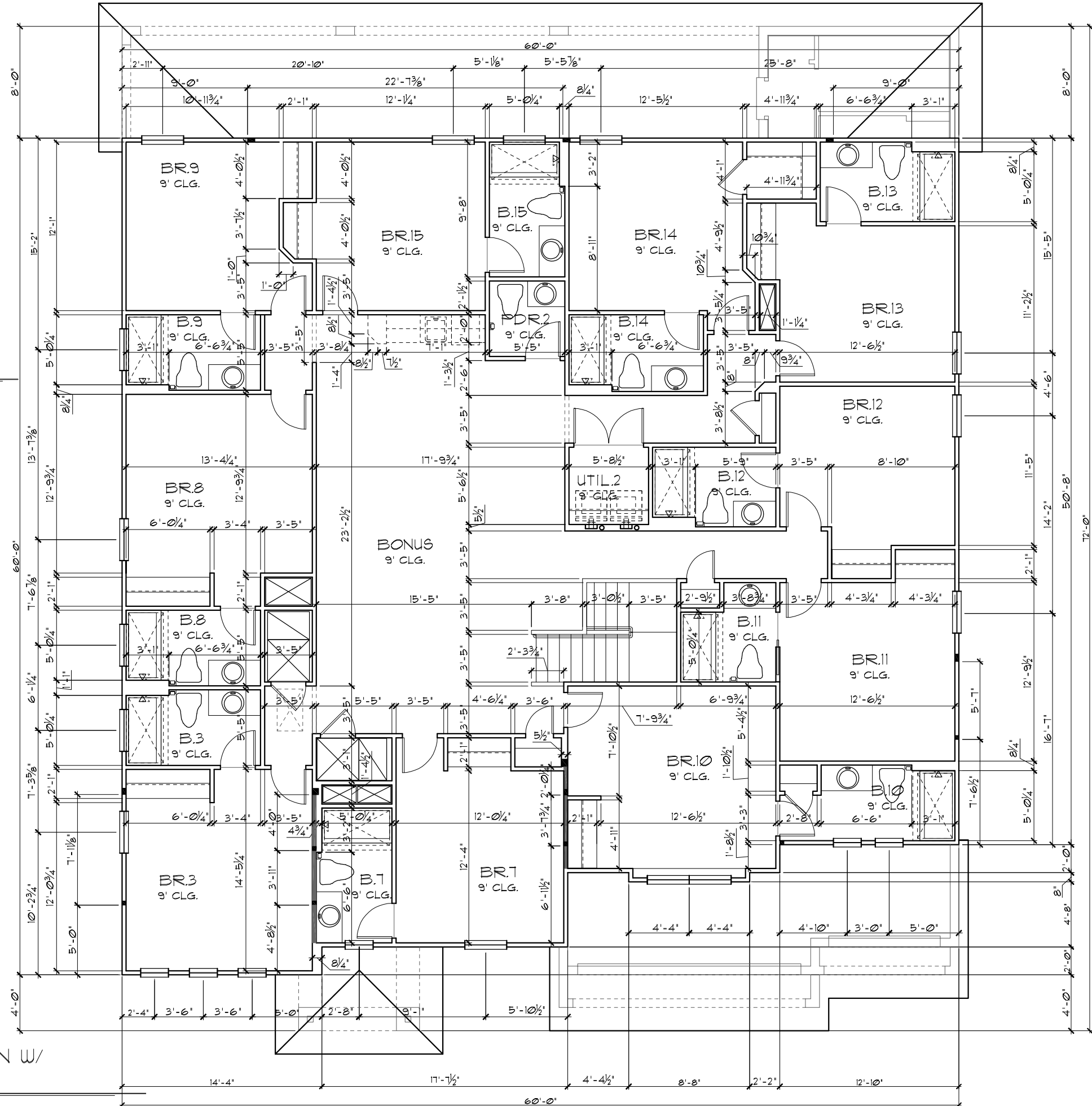
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- GENERAL NOTES**
1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
 2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
 3. ALL INTERIOR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

UPPER FLOOR PLAN W/
DIMENSIONS "A"

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



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

LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

WATERFALL
PARADISO GRANDE

UPPER FLOOR PLAN W/
DIMENSIONS

Park Square
HOMES

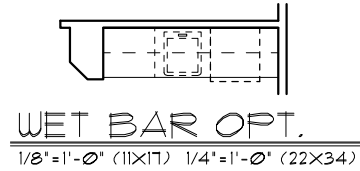
A DIVISION OF PARK SQUARE
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5200 Vineland Road, Suite 200
Orlando, Florida, 32811
Phone: (407) 529 - 3000

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

REVISIONS BY

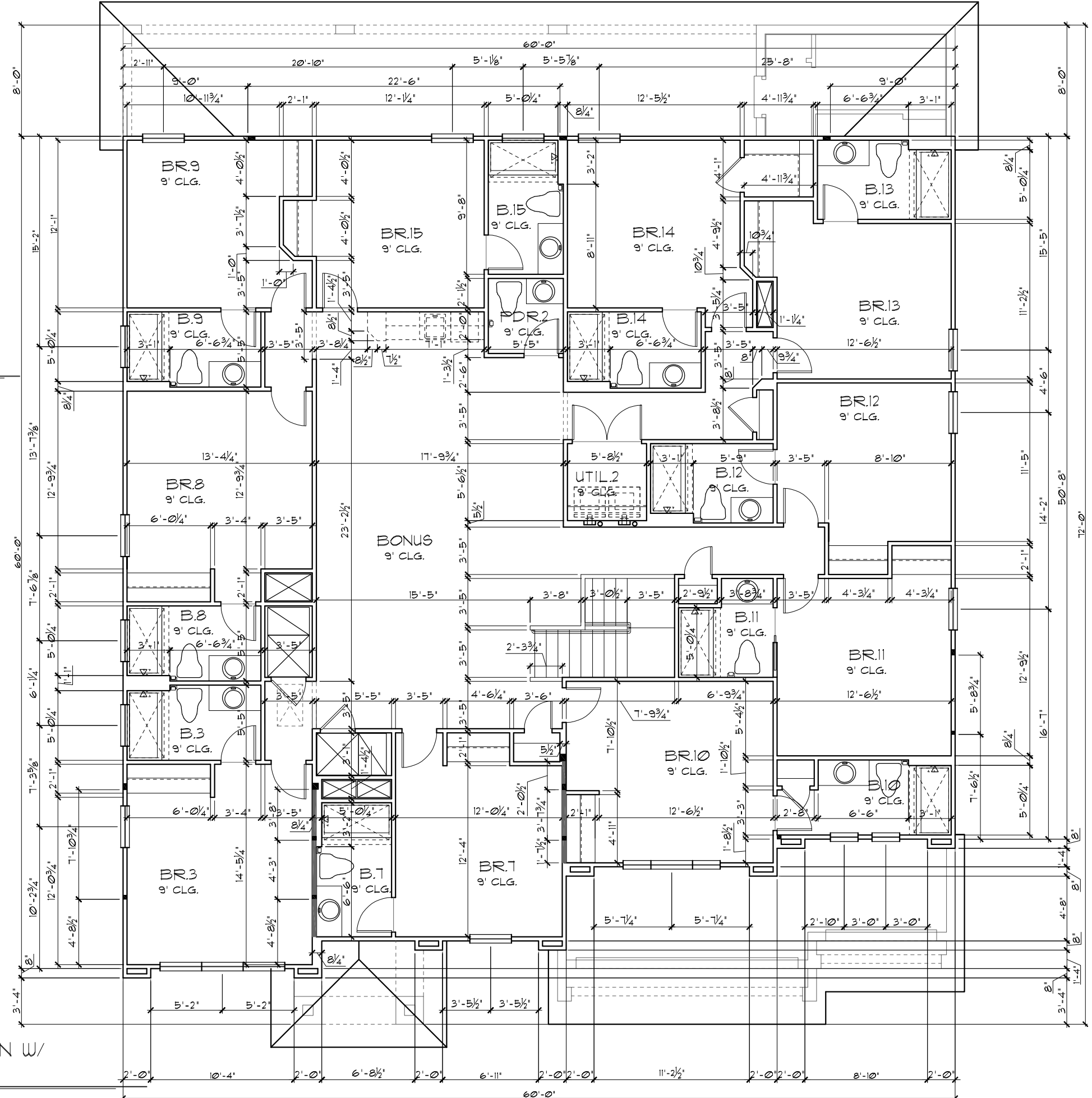
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|------|-----------|----------|
| 6374 | DATE | 04-09-21 |
| | SCALE | AS NOTED |
| | DRAWN | RDC |
| | JOB | 6374 |
| | SHEET | 04A.0 |
| | OF SHEETS | 9 |

- GENERAL NOTES**
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**UPPER FLOOR PLAN W/
DIMENSIONS "B"**

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



PARADISO GRANDE

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| REVISIONS | BY |
|-----------|----|
| | |

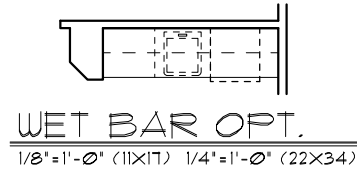
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Park Square HOMES
UPPER FLOOR PLAN W/
DIMENSIONS

WATERFALL
PARADISO GRANDE

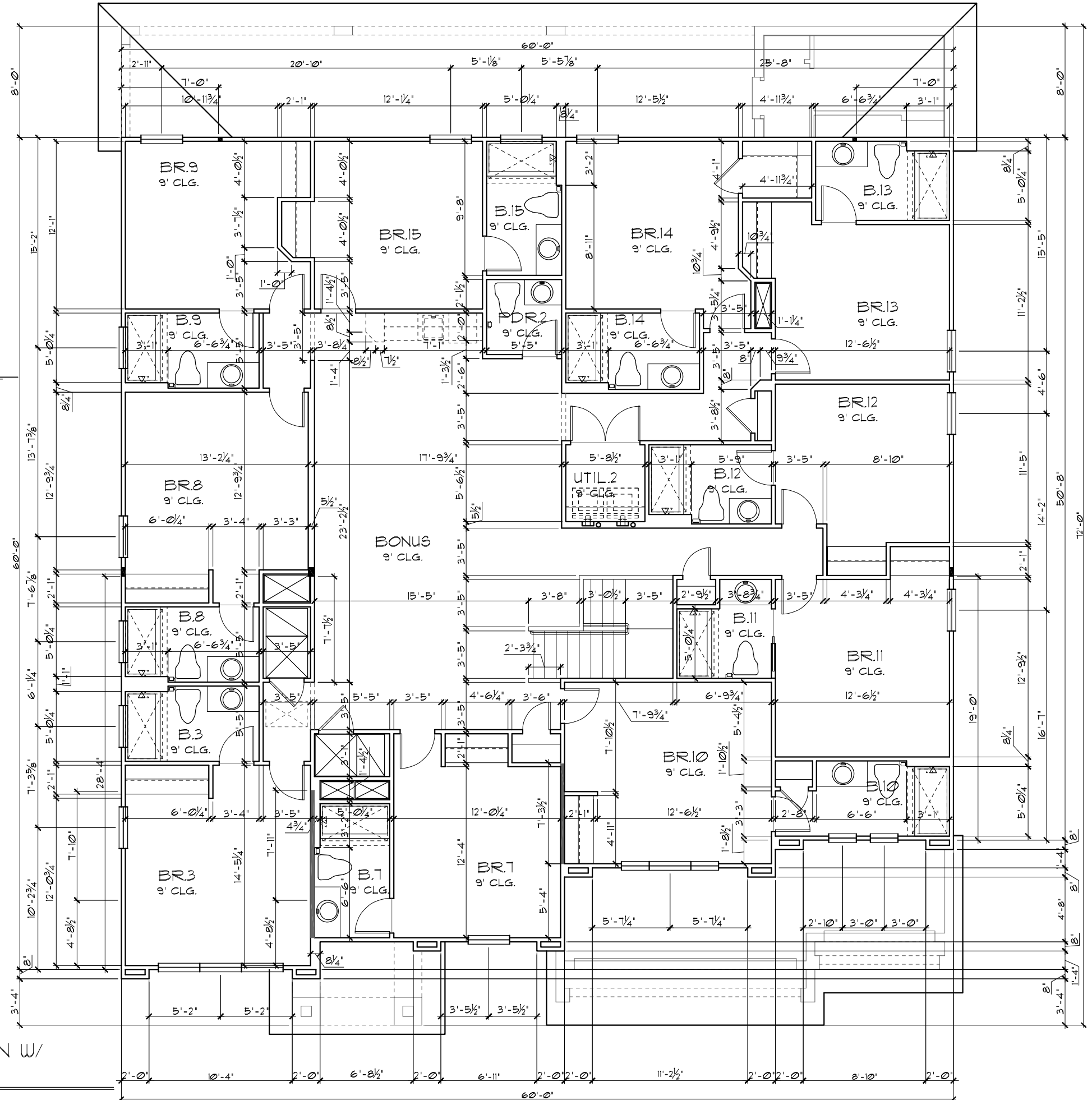
| | |
|----------------|---------------|
| 6374 | DATE 04-09-21 |
| SCALE AS NOTED | DRAWN RDC |
| JOB 6374 | SHEET |
| 04B.0 | OF SHEETS |



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UPPER FLOOR PLAN W/
DIMENSIONS "C"

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



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LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

WATERFALL
PARADISO GRANDE

UPPER FLOOR PLAN W/
DIMENSIONS

Park Square
HOMES

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REVISIONS BY

6374

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 6374

SHEET

04C.0
9 SHEETS

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

DEAD LOADS

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

ROOF: LIVE LOADS

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

FLOOR LIVE LOADS

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

ROOF LIVE LOADS

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

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

EGRESS WINDOW SCHEDULE - R310.2.1- FBCR2020

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

NOTE:

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

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

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

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

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

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

PER FBC R301- TABLE R301.5

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

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

PER FBC R301- TABLE R301.5

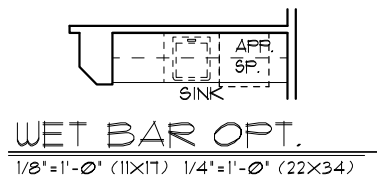
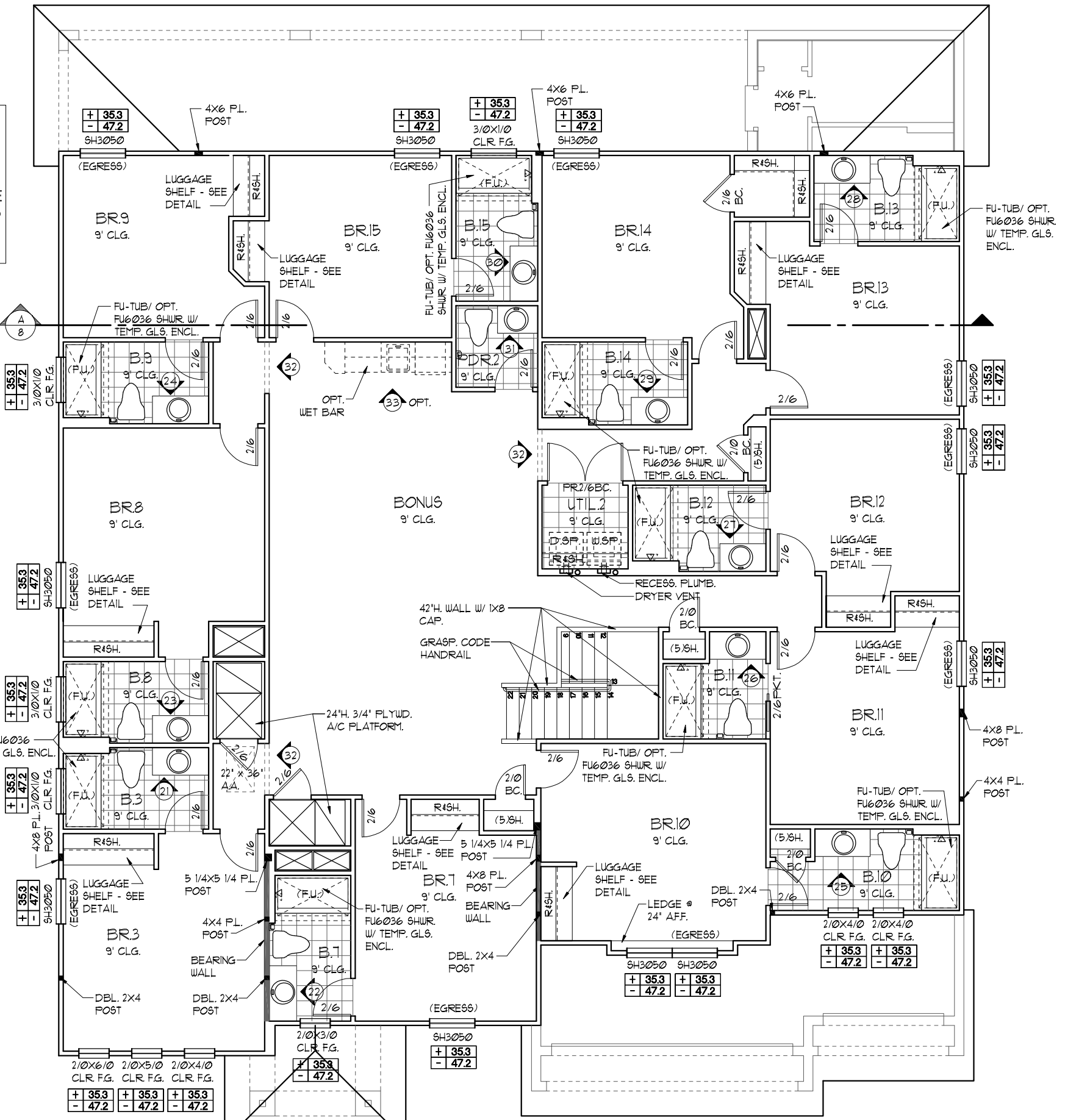
| | |
|--------------------------------|---------|
| GUARDRAILS & HANDRAILS | 200 PSF |
| GUARDRAIL IN - FILL COMPONENTS | 50 PSF |

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

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

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

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



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

PARADISO GRANDE

Engineering By: DBE and C
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PE 47509
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Park Square HOMES

FLOOR PLAN W/ NOTES

WATERFALL

PARADISO GRANDE

6374

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 6374

SHEET 05A.0

OF SHEETS

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

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

DEAD LOADS

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

ROOF: LIVE LOADS

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

FLOOR LIVE LOADS

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

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

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

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

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

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

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

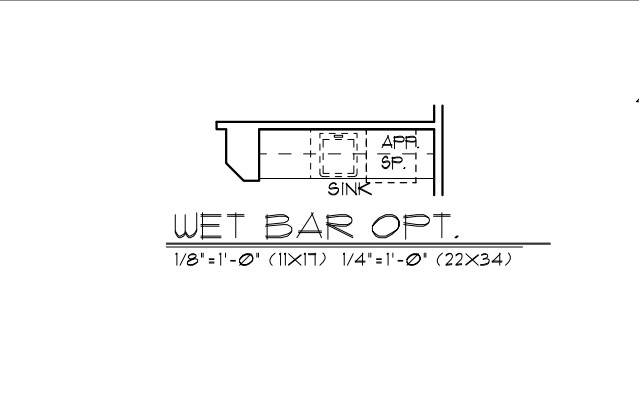
- GENERAL NOTES**
- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
 - VENT DRYER THRU ROOF.
 - PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
 - DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
 - MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
 - | | |
|---|-------------------------------------|
| ▨ | DENOTES CONC. BLOCK WALL HGT. @ N/A |
| ▨ | DENOTES CONC. BLOCK WALL HGT. @ N/A |
 - REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
 - REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
 - ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M 1307.2
 - 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

EGRESS WINDOW SCHEDULE - R310.2.1- FBCR2020

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

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



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

PER FBC R301- TABLE R301.5

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

PER FBC R301- TABLE R301.5

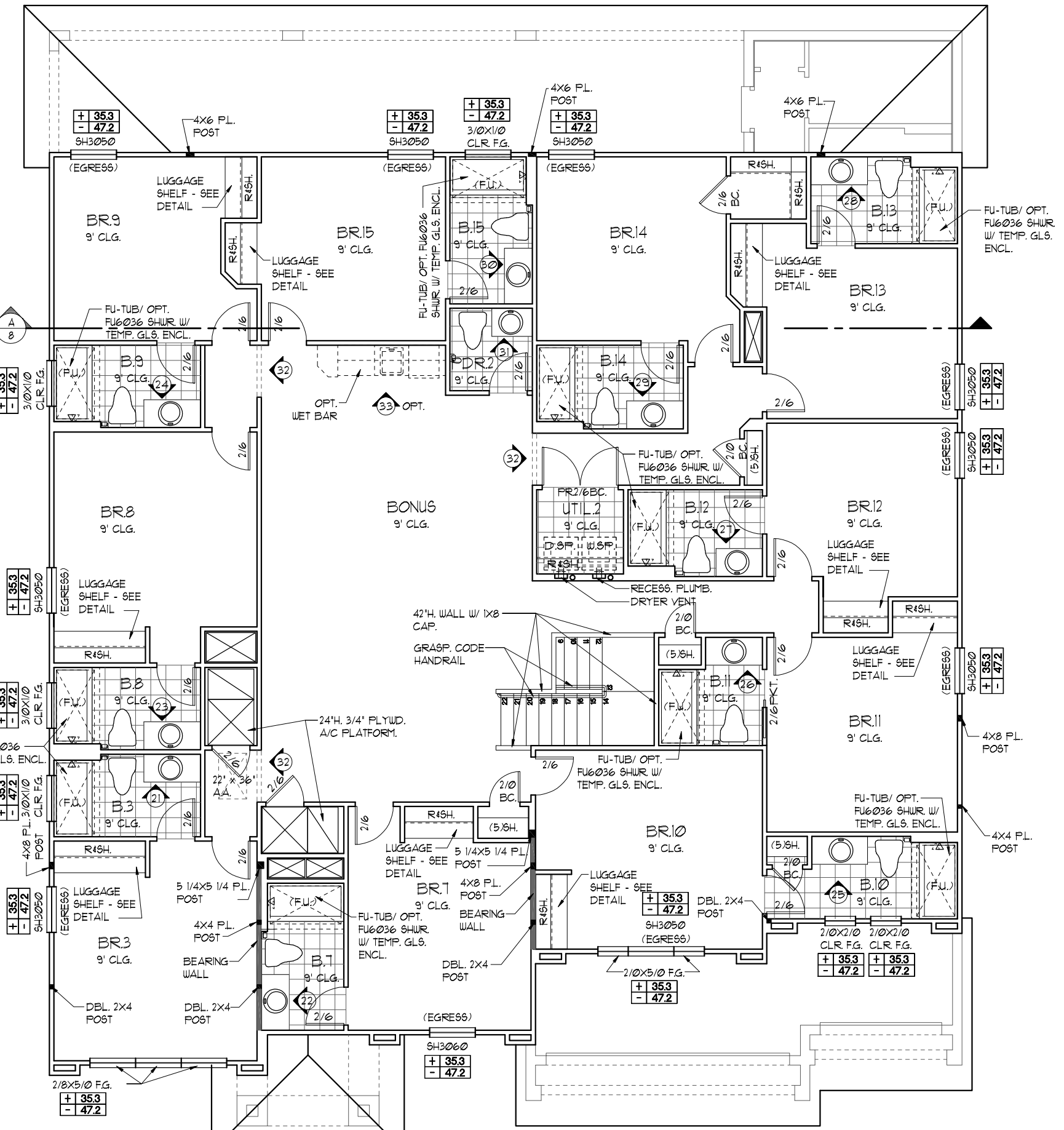
| | |
|--------------------------------|---------|
| GUARDRAILS & HANDRAILS | 200 PSF |
| GUARDRAIL IN - FILL COMPONENTS | 50 PSF |

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

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

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

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



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

PARADISO GRANDE

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Park Square HOMES

FLOOR PLAN W/ NOTES

WATERFALL

PARADISO GRANDE

6374

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

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

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

DEAD LOADS

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

ROOF: LIVE LOADS

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

FLOOR LIVE LOADS

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

ROOF LIVE LOADS

| | |
|--|----|
| MINIMUM ROOF LIVE LOAD (PSF) TRIBUTARY LOADED AREA (SQ. FT.) FOR ANY STRUCTURAL MEMBER | |
| 0-12 x 4:12 | 20 |
| 12-20 x 4:12 | 16 |
| 20-24 x 4:12 | 14 |
| 24-30 x 4:12 | 12 |
| 30-36 x 4:12 | 12 |
| 36-42 x 4:12 | 12 |

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

EGRESS WINDOW SCHEDULE - R310.2.1- FBCR2020

| | | |
|--------|------------------------------|---------------------------------|
| SH3050 | 33 1/2" H. X 30" W. | MIN. NET CLEAR OPENING 5.7 SQFT |
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WIND INFORMATION
PER 17TH EDITION, 2020 FLORIDA BUILDING RESIDENTIAL CODE

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

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

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

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

PER FBC R301- TABLE R301.5

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

- GENERAL NOTES**
- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
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 - MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
 - | | |
|-----------|-------------------------------------|
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ N/A |
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ N/A |
 - REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
 - REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
 - ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M1307.2
 - ALL INTER. FIRST FLOOR CEILINGS AT 12'-0" UNLESS NOTED OTHERWISE.
 - ALL INTER. SECOND FLOOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.

PER FBC R301- TABLE R301.5

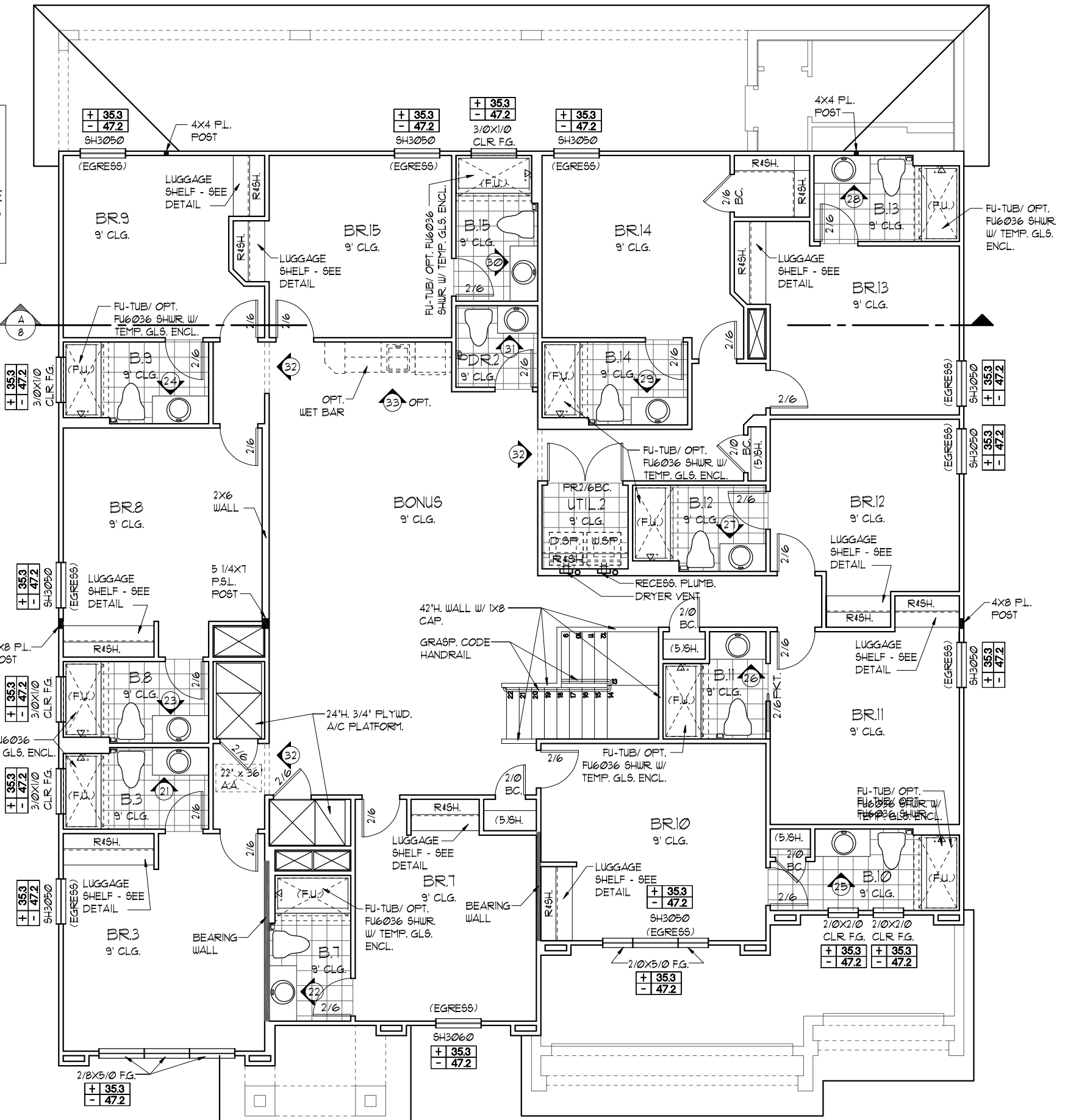
| | |
|--------------------------------|---------|
| GUARDRAILS & HANDRAILS | 200 PSF |
| GUARDRAIL IN - FILL COMPONENTS | 50 PSF |

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

| | |
|-------------------------------|----------------------|
| GUARDRAILS HEIGHT | 36" MIN. |
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NOTE: HANDRAIL CONTINUITY PER R311.1.2 - 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) (38" MIN) BETWEEN THE WALL AND THE HANDRAIL.

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



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

PARADISO GRANDE

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

Park Square HOMES

FLOOR PLAN W/ NOTES

WATERFALL

PARADISO GRANDE

6374

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

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

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FRONT ELEVATION "A"

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



REAR ELEVATION

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

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

LOT: 0000, PARADISO GRANDE
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PARADISO GRANDE
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| REVISIONS | BY |
|-----------|----|
| | |

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

Waterfall
PARADISO GRANDE

6374
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 6374
 SHEET
06A.0
 OF SHEETS

EXTERIOR ELEVATION "A"
 FRONT AND REAR



FRONT ELEVATION "B"

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



REAR ELEVATION

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

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

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

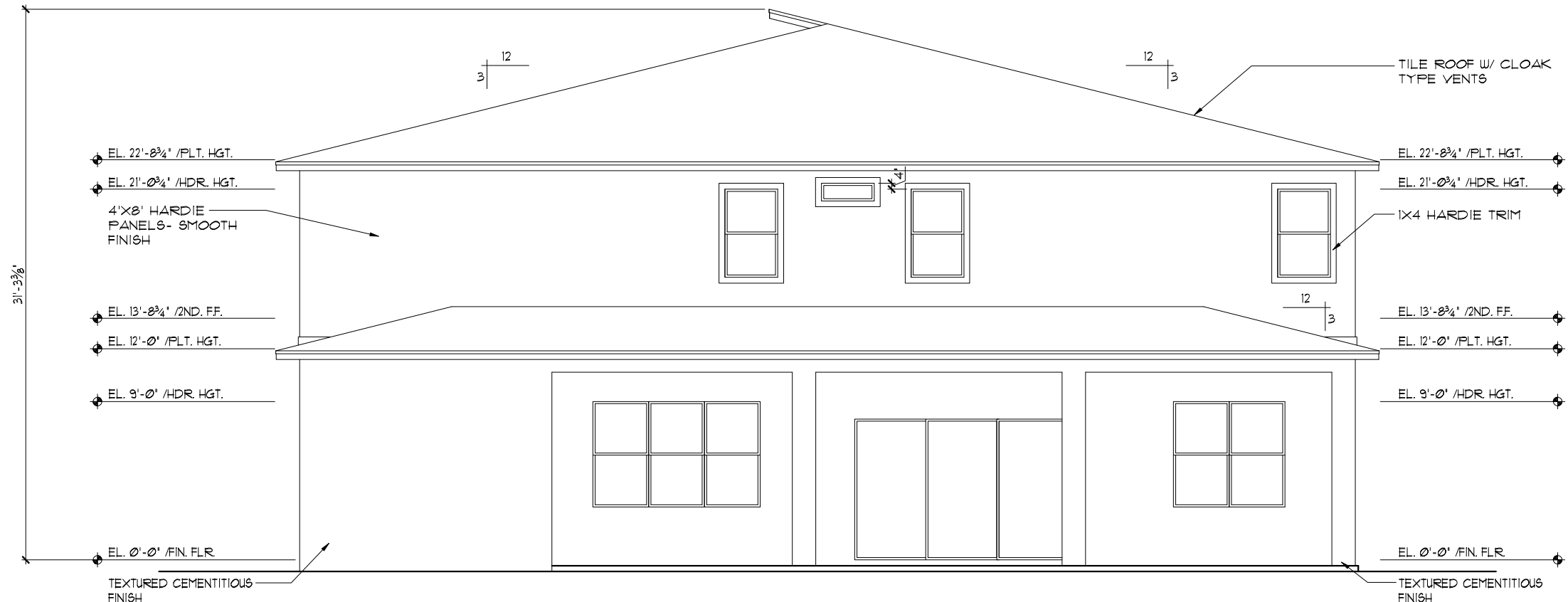
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| | |
|--|----------------|
| PARADISO GRANDE | |
| Engineering By DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292 | REVISIONS BY |
| A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida, 32811 Phone: (407) 529 - 3000 | |
| Park Square HOMES | |
| EXTERIOR ELEVATION "B" FRONT AND REAR | |
| WATERFALL | |
| PARADISO GRANDE | |
| 6374 | DATE 04-09-21 |
| | SCALE AS NOTED |
| | DRAWN RDC |
| | JOB 6374 |
| | SHEET |
| 06B.0 | OF SHEETS |



FRONT ELEVATION "C"

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



REAR ELEVATION

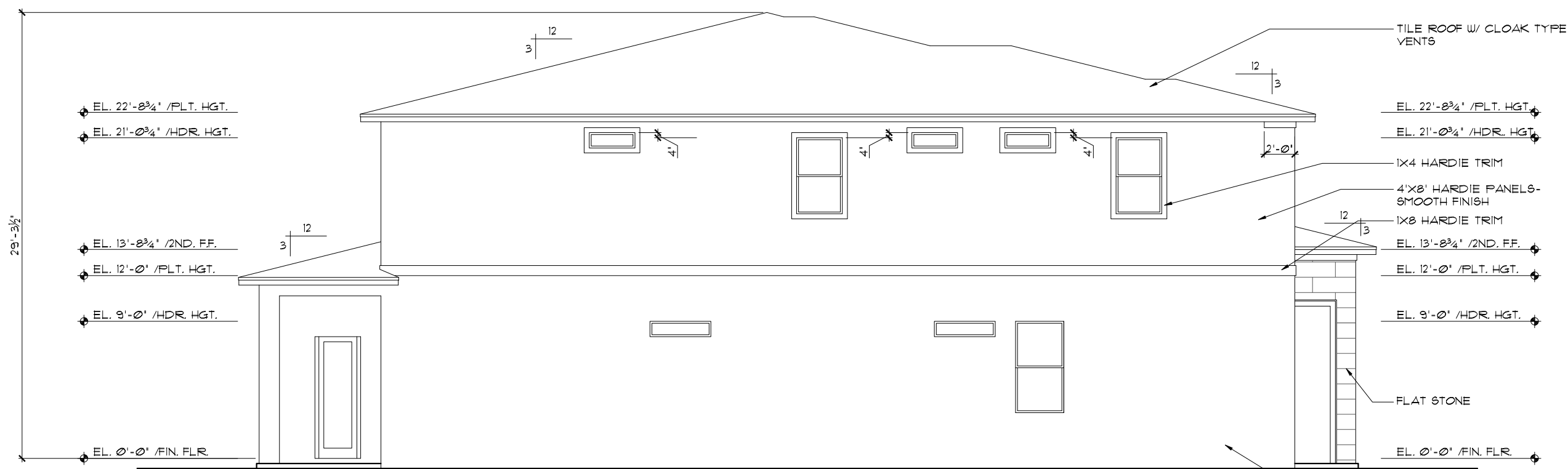
1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)

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

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

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| | |
|--|------------------------|
| PARADISO GRANDE | |
| Engineering By DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292 | REVISIONS BY |
| A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vinedard Road, Suite 200 Orlando, Florida, 32811 Phone: (407) 529 - 3000 | |
| Park Square HOMES | |
| EXTERIOR ELEVATION "C" FRONT AND REAR | |
| WATERFALL | PARADISO GRANDE |
| 6374 | DATE 04-09-21 |
| SCALE AS NOTED | |
| DRAWN RDC | |
| JOB 6374 | |
| SHEET | |
| 06C.0 | |
| OF SHEETS | |



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

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



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

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

PARADISO GRANDE

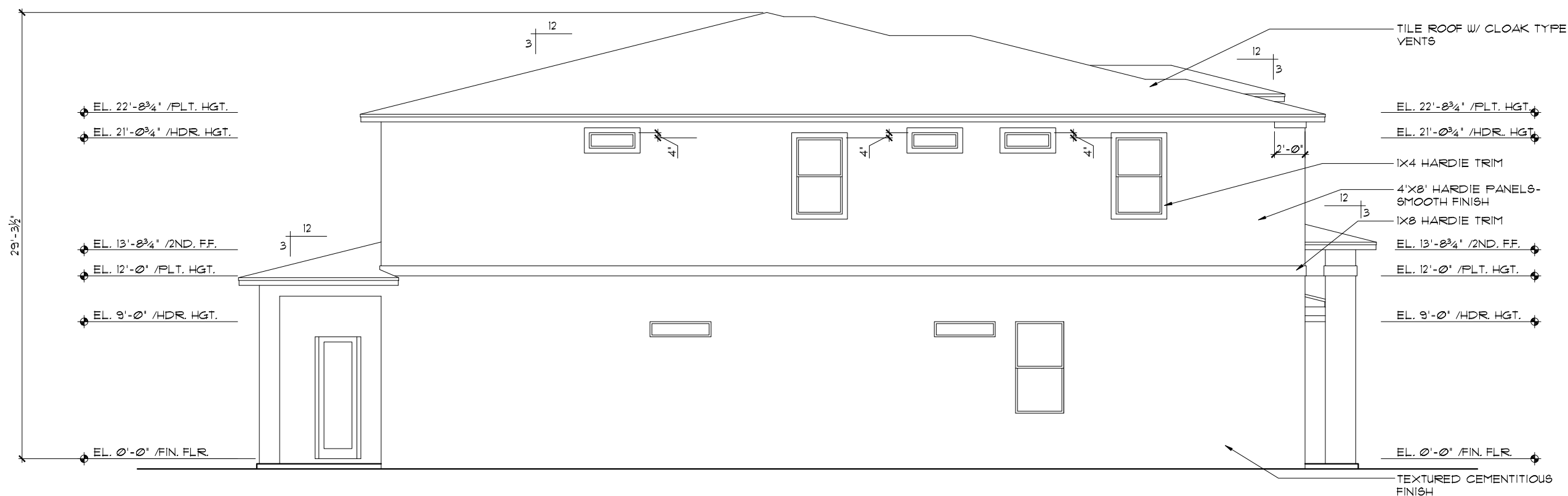
Engineering By:
 DBE and C
 MICHAEL A. THOMPSON
 PE 47509
 PHONE 407-721-2292
A DIVISION OF PARK SQUARE ENTERPRISES, INC.
 5200 Vineland Road, Suite 200
 Orlando, Florida, 32811
 Phone: (407) 529-3000
Park Square HOMES

| REVISIONS | BY |
|-----------|----|
| | |

EXTERIOR ELEVATIONS "A"
LEFT AND RIGHT

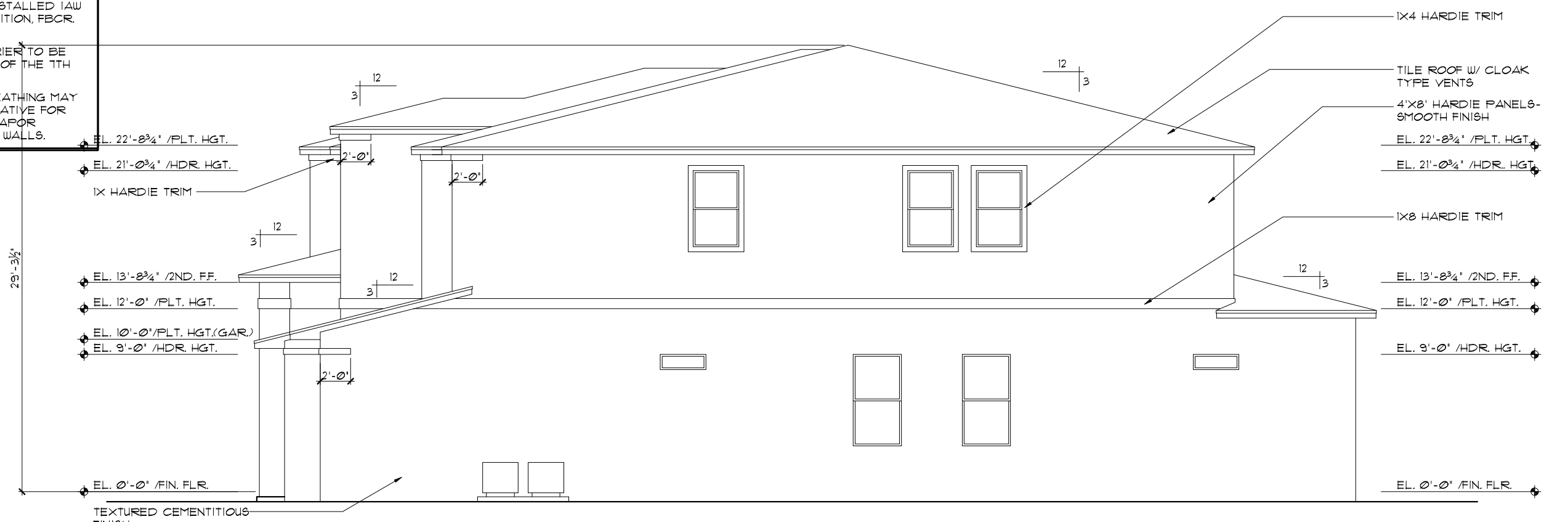
WATERFALL
PARADISO GRANDE

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



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

- EXTERIOR FINISH NOTES**
1. LATH TO BE ATTACHED IAW R103.1.1 OF THE 11TH EDITION, FBCR 2020
 2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.1.2 OF THE 11TH EDITION, FBCR 2020
 3. WEEP SCREED TO BE INSTALLED IAW R103.1.2.1 OF THE 11TH EDITION, FBCR 2020
 4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.1.3 OF THE 11TH EDITION, FBCR 2020
 5. 'ZIP SYSTEMS' WALL 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)

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LOT: 0000, PARADISO GRANDE

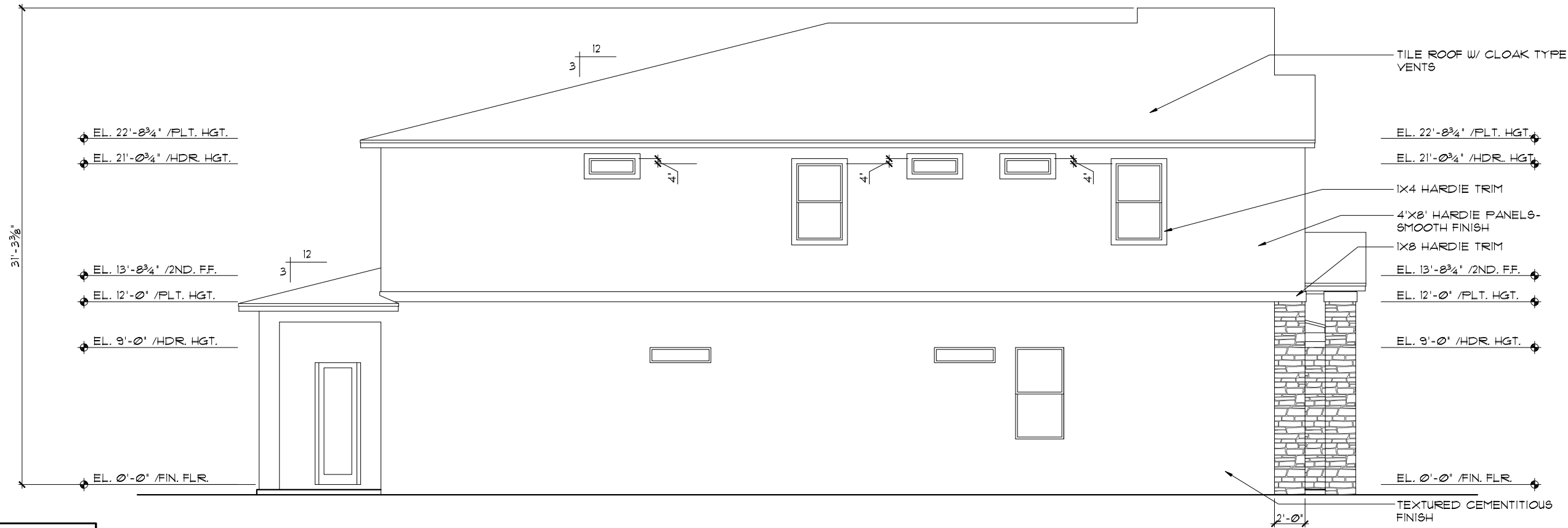
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| | |
|------------------------|------------------------|
| PARADISO GRANDE | |
| WATERFALL | PARADISO GRANDE |
| 6374 | 6374 |
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 07B.0 |
| OF | SHEETS |

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

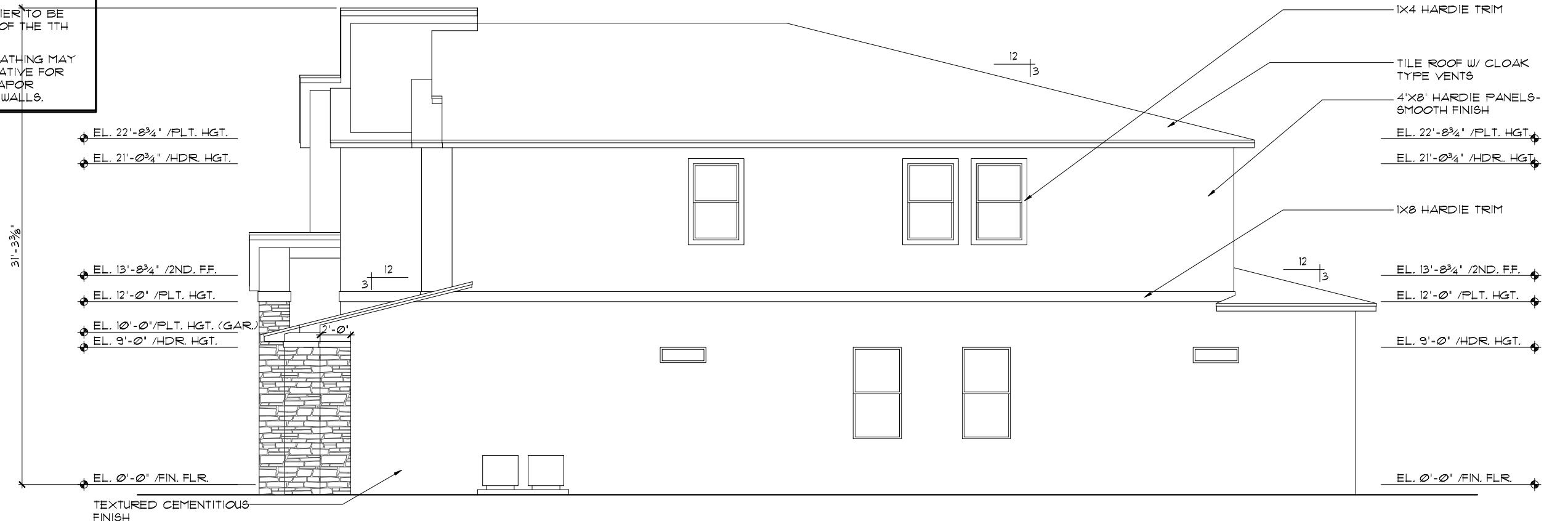
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 5200 Vineland Road, Suite 200
 Orlando, Florida, 32811
 Phone: (407) 529 - 3000

EXTERIOR ELEVATIONS "B"
LEFT AND RIGHT



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

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



RIGHT ELEVATION "C"
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LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

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

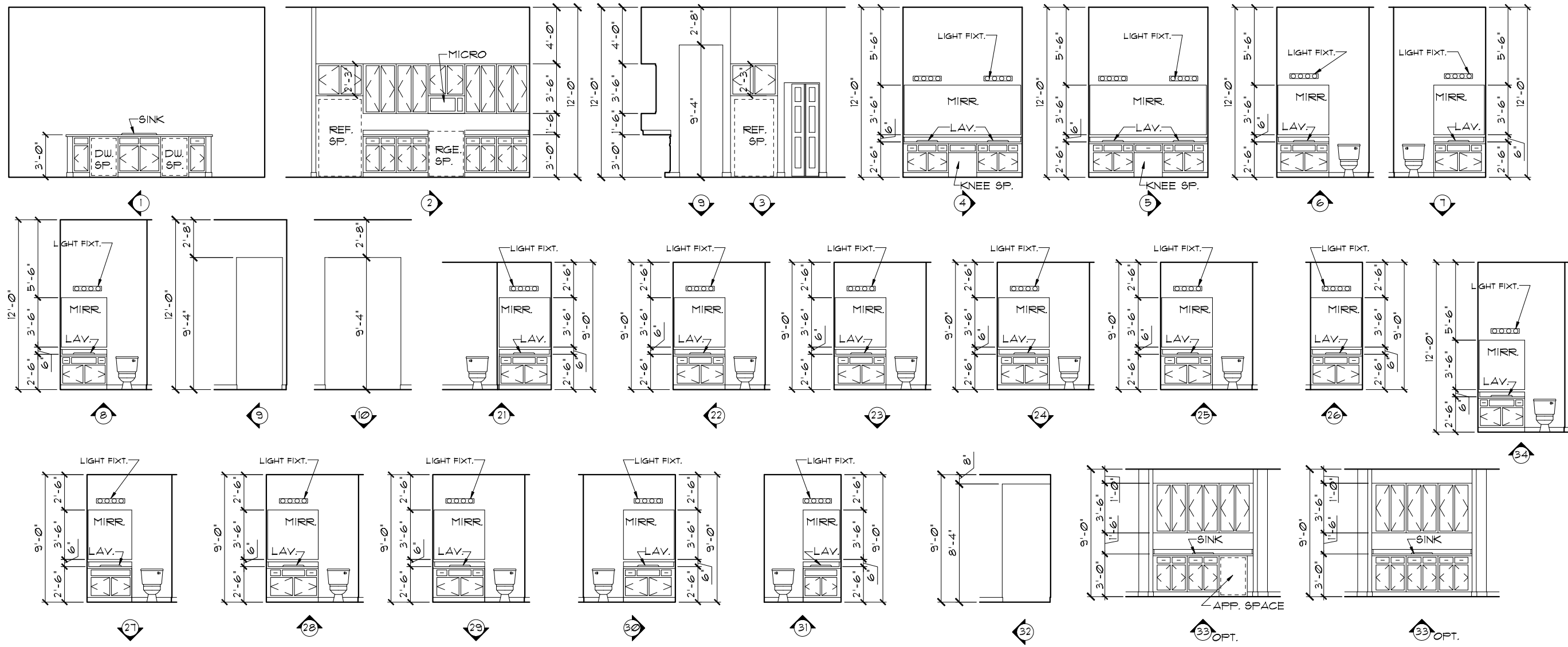
Park Square HOMES

EXTERIOR ELEVATIONS "C"
LEFT AND RIGHT

| REVISIONS | BY |
|-----------|----|
| | |

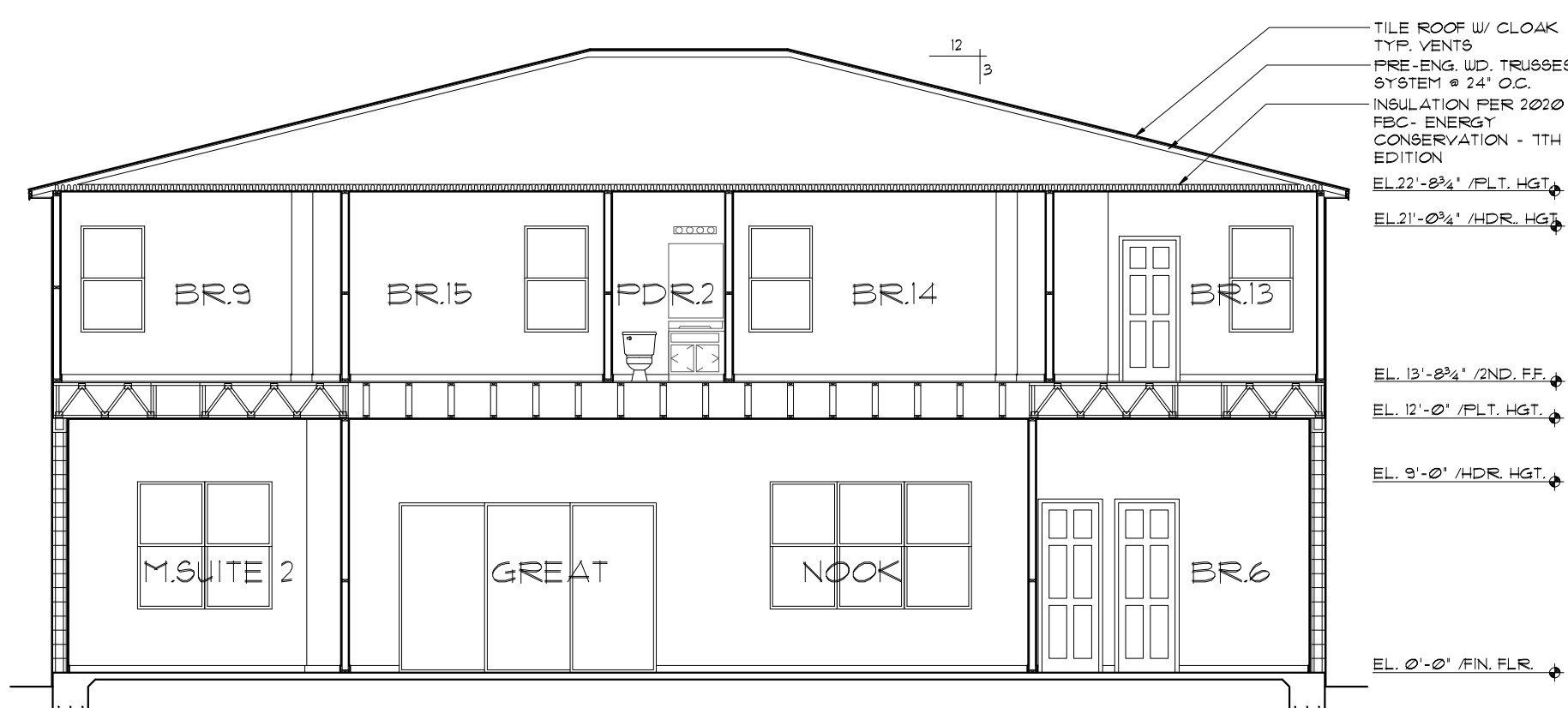
WATERFALL
PARADISO GRANDE

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

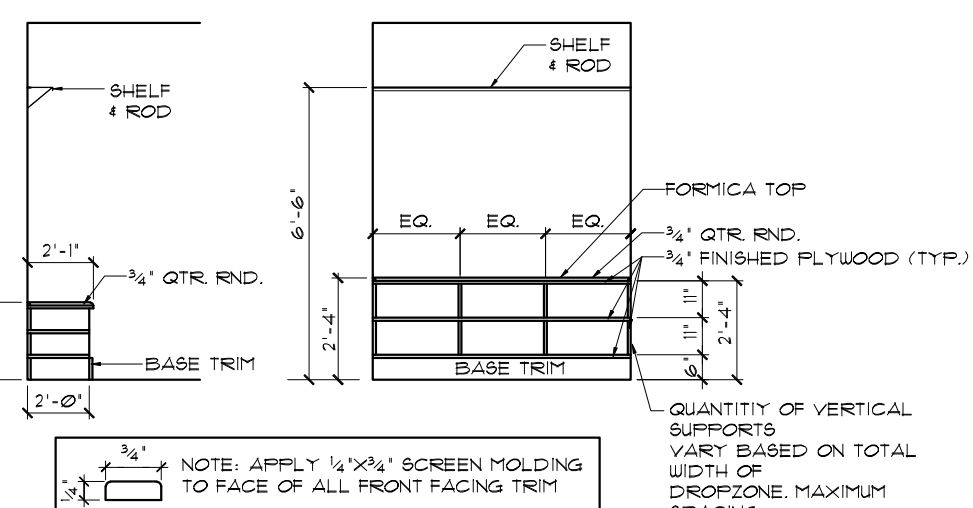


INTERIOR ELEVATIONS

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



- TILE ROOF W/ CLOAK TYP. VENTS
- PRE-ENG. WD. TRUSSES SYSTEM @ 24" O.C.
- INSULATION PER 2020 FBC - ENERGY CONSERVATION - 1TH EDITION
- EL. 22'-0 3/4" /PLT. HGT.
- EL. 21'-0 3/4" /HDR. HGT.
- EL. 13'-0 3/4" /2ND. FF.
- EL. 12'-0" /PLT. HGT.
- EL. 9'-0" /HDR. HGT.
- EL. 0'-0" /FIN. FLR.



LUGGAGE SHELF DETAIL

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

CROSS SECTION

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

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LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

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Park Square HOMES

CROSS SECTION /
INTERIOR ELEVATIONS

WATERFALL
PARADISO GRANDE

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

MECHANICAL/GENERAL NOTES

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

2.) APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION.
A) CHAPTER 13 OF THE FBC-R 2020 1TH SECTION M1305.1

3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION M1602 OF THE FBCR CODE 2020 1TH EDITION.

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

5.) IAW NEC 2017- 406.12, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.
6.) ALL OUTLETS IN BATHROOMS AND LAUNDRY ROOM SHALL BE GFCI

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

8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 1TH ED. P2801.7

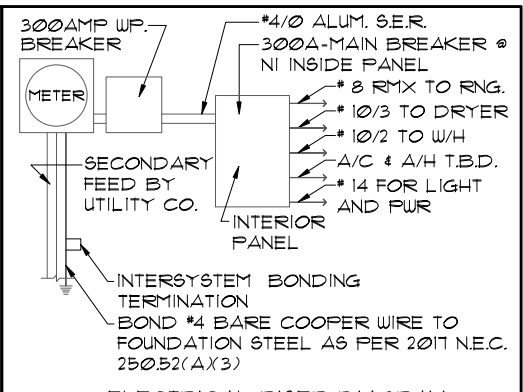
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 1TH ED.

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

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

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

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



ELECTRICAL RISER DIAGRAM

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

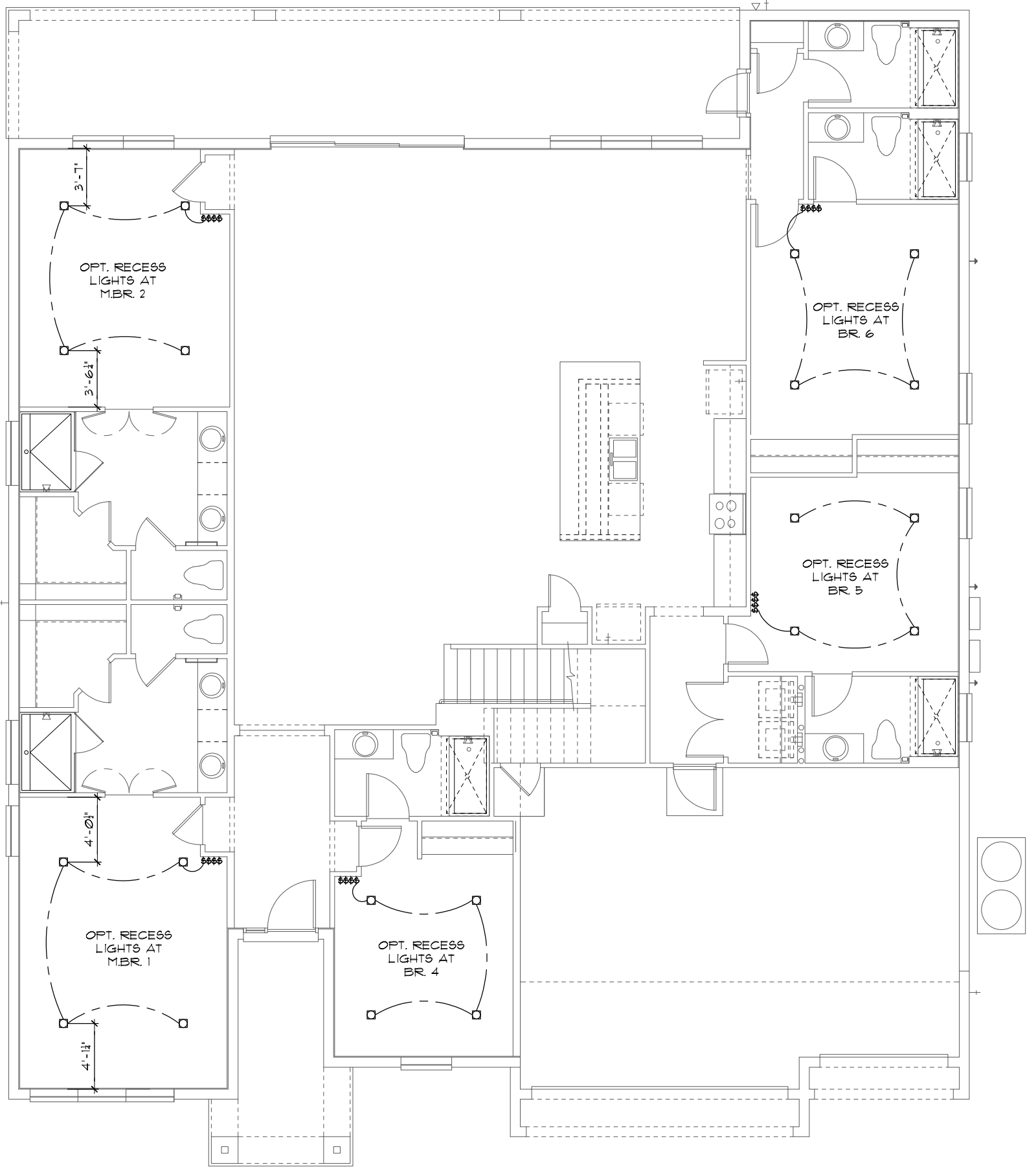
250.52(A)3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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

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

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

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



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

ELECTRICAL 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 1TH EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, PARADISO GRANDE

Waterfall PARADISO GRANDE

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

PARADISO GRANDE

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

Electrical Plan

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

REVISIONS BY

MECHANICAL/GENERAL NOTES

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

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

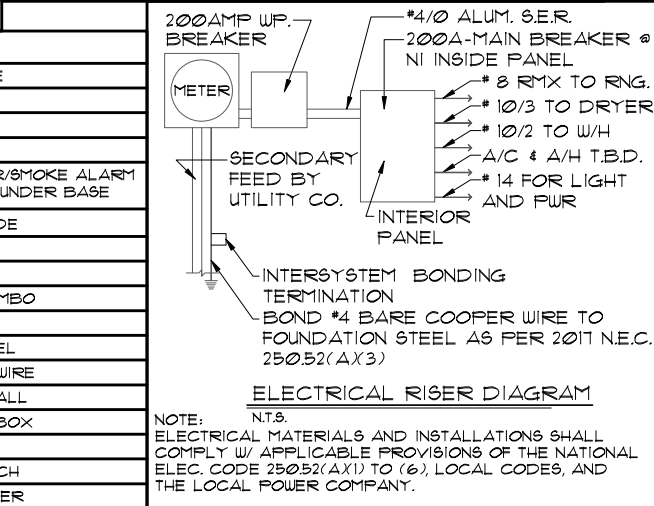
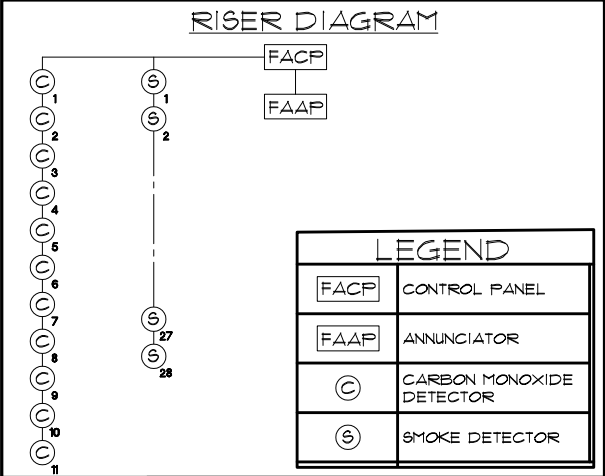
Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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

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

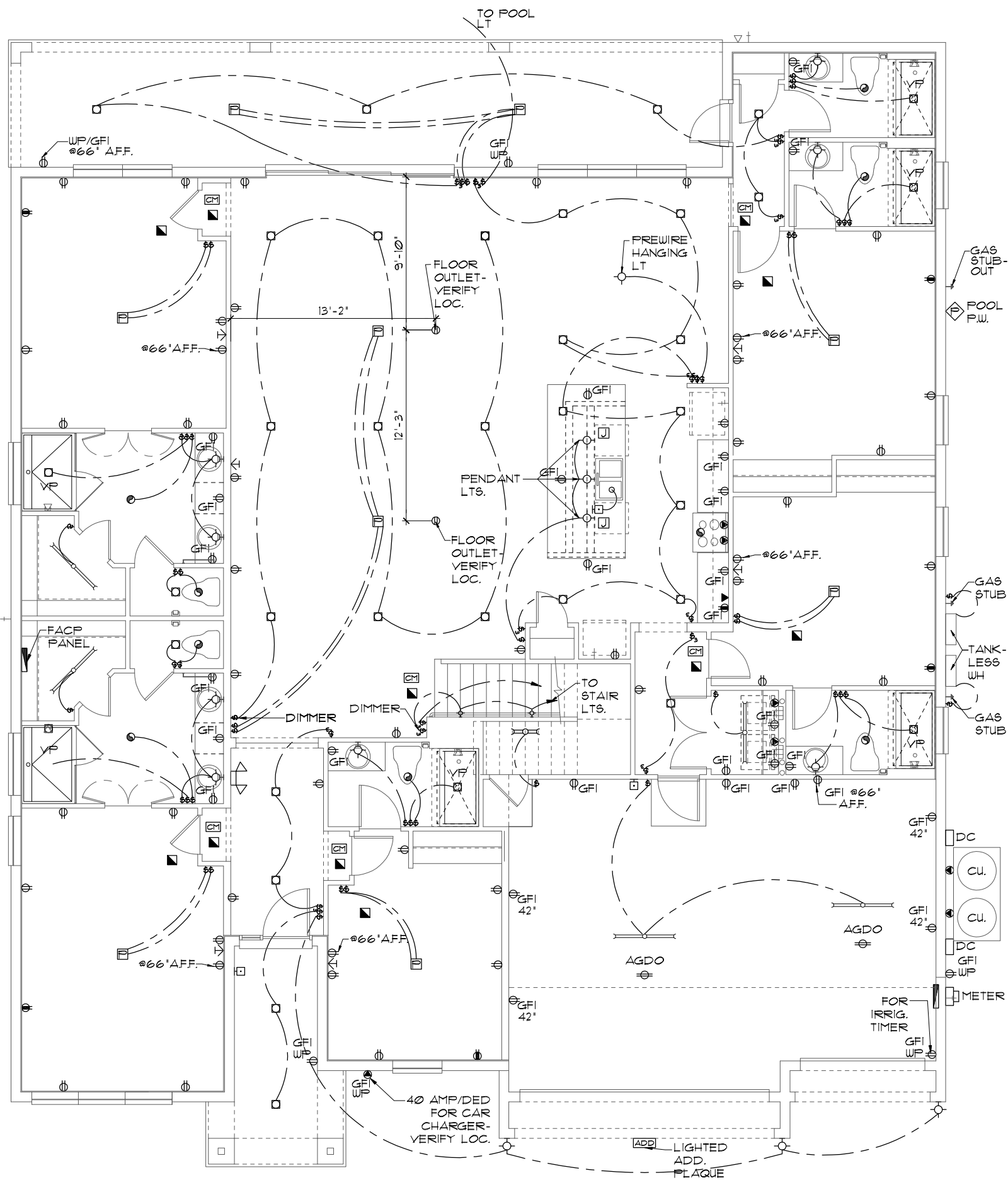
Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings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

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



ELECTRICAL LEGEND

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



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

LOT: 0000, PARADISO GRANDE

WATERFALL PARADISO GRANDE

ELECTRICAL PLAN

6374

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 6374

SHEET 09A.0

OF SHEETS

REVISIONS BY

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

A DIVISION OF PARK SQUARE ENTERPRISES, INC.
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PARADISO GRANDE

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

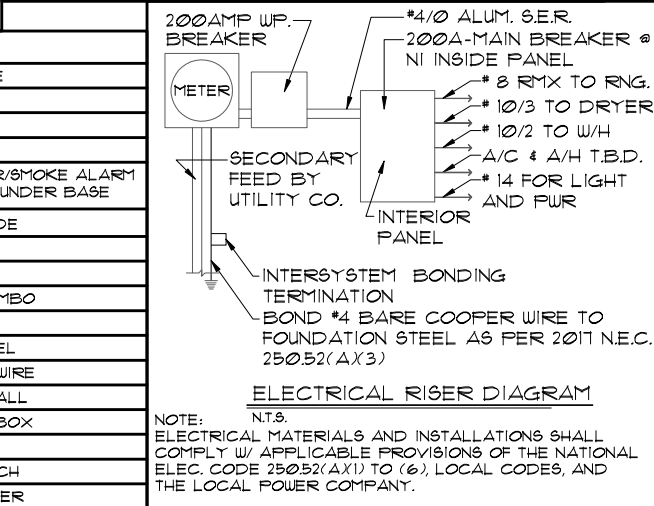
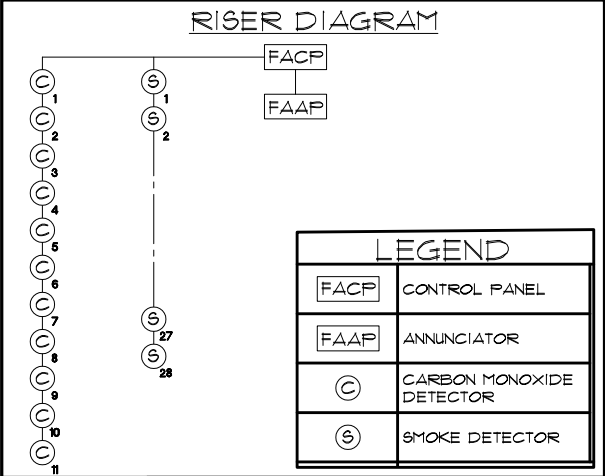
Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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

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

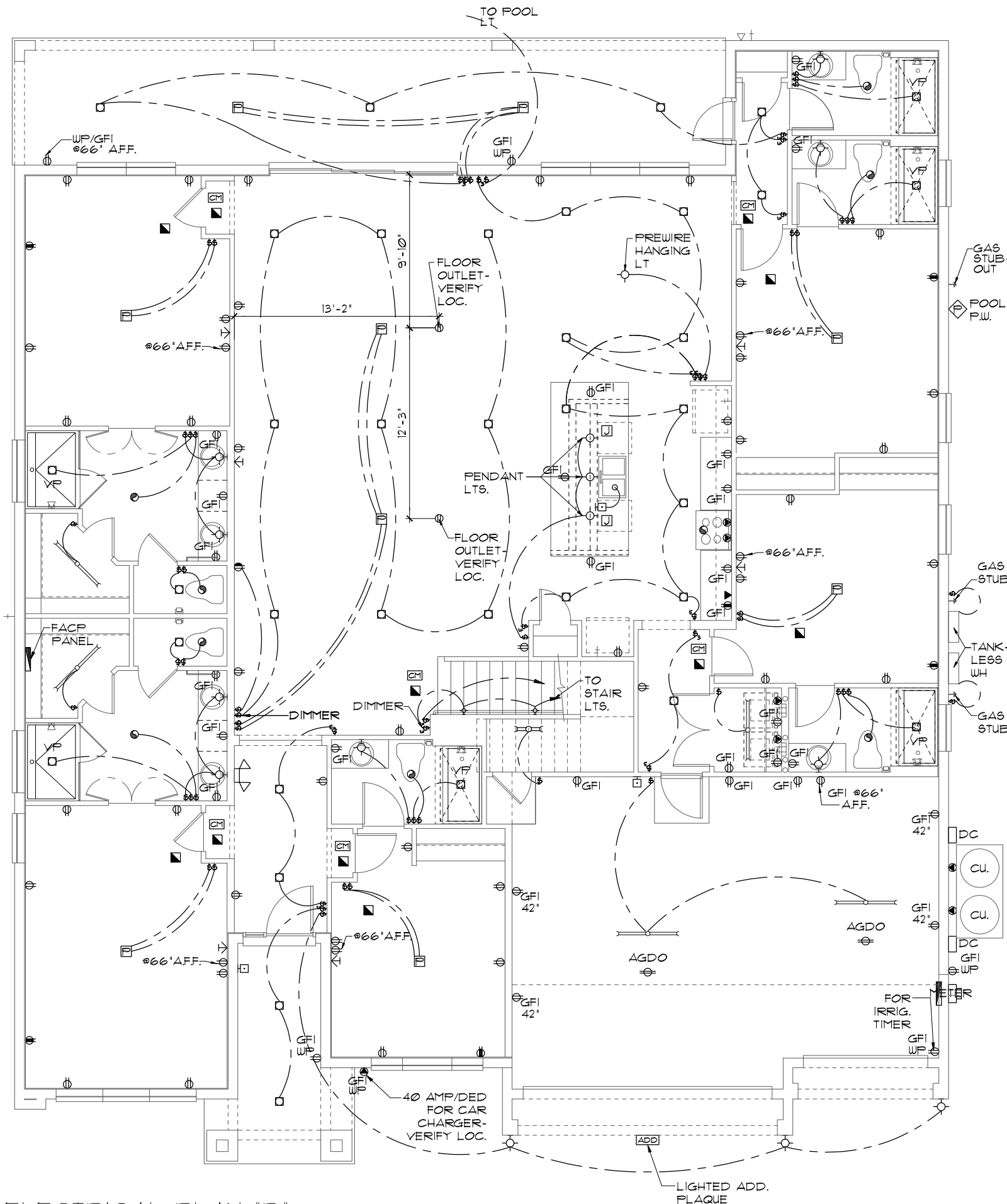
Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings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

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



ELECTRICAL LEGEND

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



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

LOT: 000, PARADISO GRANDE

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

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PARADISO GRANDE

WATERFALL

PARADISO GRANDE

6374

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 6374

SHEET 09B.0

OF SHEETS

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

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

MECHANICAL/GENERAL NOTES

- PER 11th ED. 2020 FLA BLD. CODE-RESIDENTIAL
- 1.) COMPLETE DUCT DESIGN W/ SIZES & R-VALUE COMPLYING W/ THE FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION 610.1 ABC.1
 - 2.) APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION.
 - A.) CHAPTER 13 OF THE FBC-R 2020 11th SECTION M1305.1
 - 3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION M1602 OF THE FBCR CODE 2020 11th EDITION.
 - 4.) IAW NEC 2017- 210.12- ALL 15A OR 20A, 120V BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES IN THE FOLLOWING LOCATIONS REQUIRE AFCI PROTECTION- KITCHEN, FAMILY RMS, DINING RMS, LIVING RMS, PARLORS, LIBRARIES, BEDROOMS, DEN'S, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.
 - 5.) IAW NEC 2017- 406.12, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.
 - 6.) ALL OUTLETS IN BATHROOMS AND LAUNDRY ROOM SHALL BE GFCI
 - 7.) SMOKE ALARMS SHALL BE IN ALL SLEEPING AREAS. SHALL BE INTERCONNECTED, SHALL BE WITHIN 1' TO 3' OF PEAK & SHALL BE 3" FROM THE SUPPLY OR RETURN AIR- STREAM & EQUIPPED W/ A BATTERY BACKUP. ALARMS MAY NOT BE CONNECTED WHERE ALARMS ARE WIRELESS & ALL ALARMS SOUND UPON ACTIVATION IAW FBCR R314.3 & R314.4.
 - 8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 11th ED. P2801.7
 - 9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 11th ED.
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250.52(A)(3) Concrete-Encased Electrode.
Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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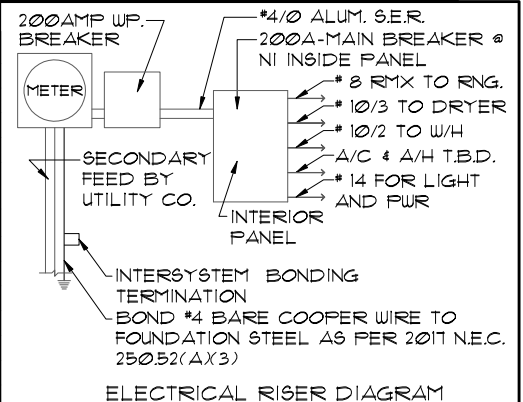
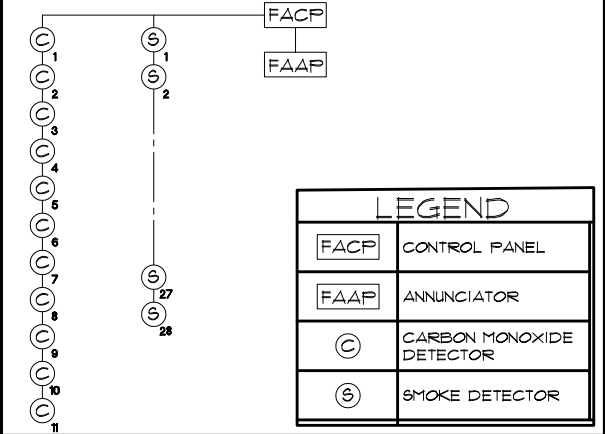
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The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be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

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

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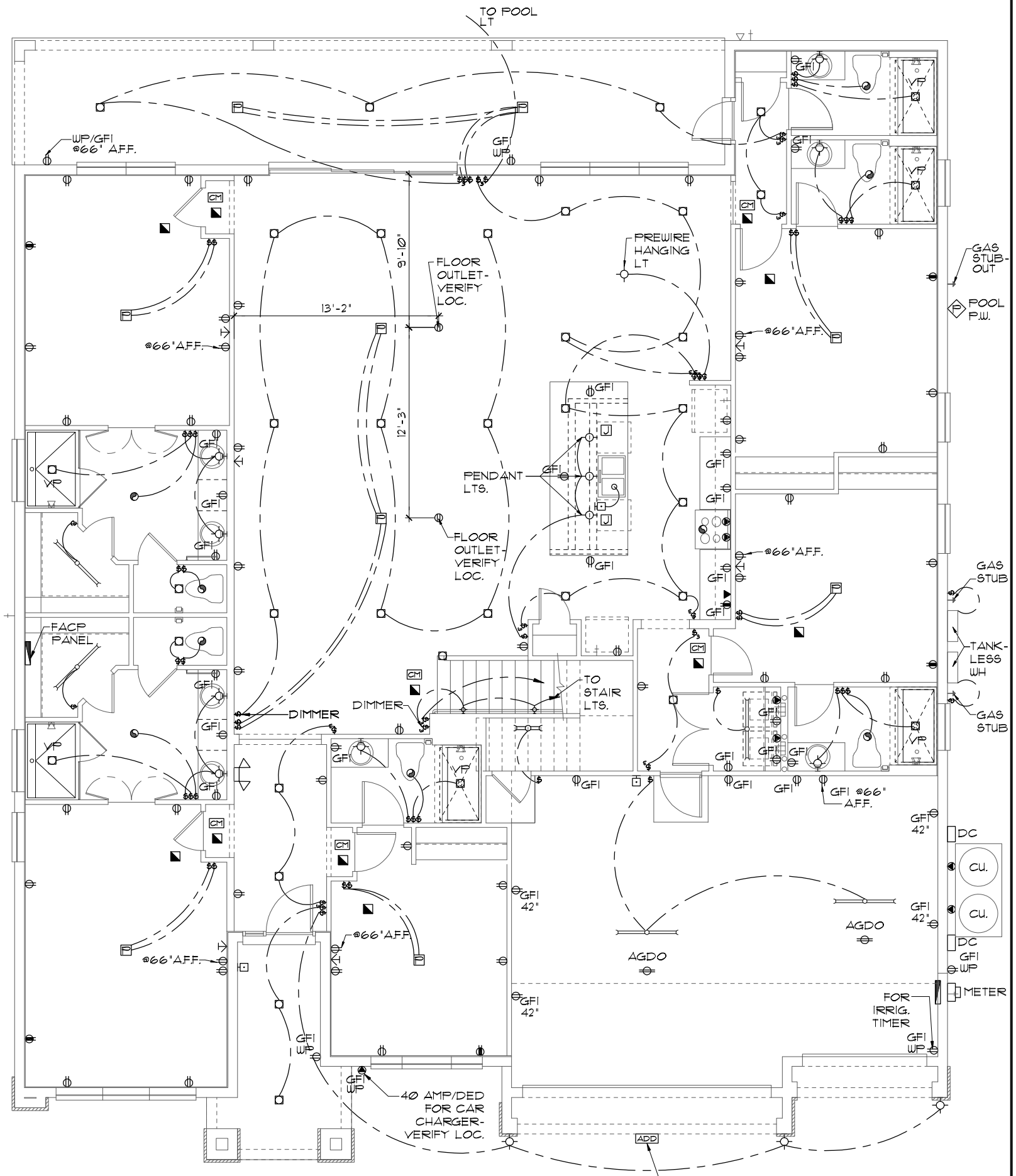
RISER DIAGRAM



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

ELECTRICAL LEGEND

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



ELECTRICAL PLAN "C"

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

LOT: 000, PARADISO GRANDE

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

PARADISO GRANDE

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

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

Park Square HOMES

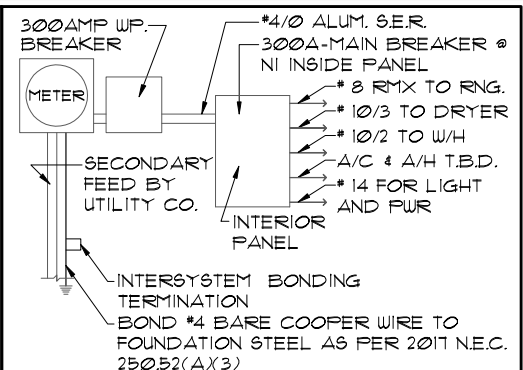
ELECTRICAL PLAN

WATERFALL PARADISO GRANDE

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

MECHANICAL/GENERAL NOTES

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 - 4.) IAW NEC 2017- 210.12-ALL 15A OR 20A, 120V BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES IN THE FOLLOWING LOCATIONS REQUIRE AFCI PROTECTION- KITCHEN, FAMILY RMS, DINING RMS, LIVING RMS, PARLORS, LIBRARIES, BEDROOMS, DEN'S, CLOSETS, SUNROOMS, RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.
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 - BRK: SMOKE-9120B, C/O- SC9120B
 - KIDDE: SMOKE-21007581, C/O 21006377-N
 - 8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 11th ED. P2801.1
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 - A) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A)2
 - B) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2017 - ARTICLE 210-52



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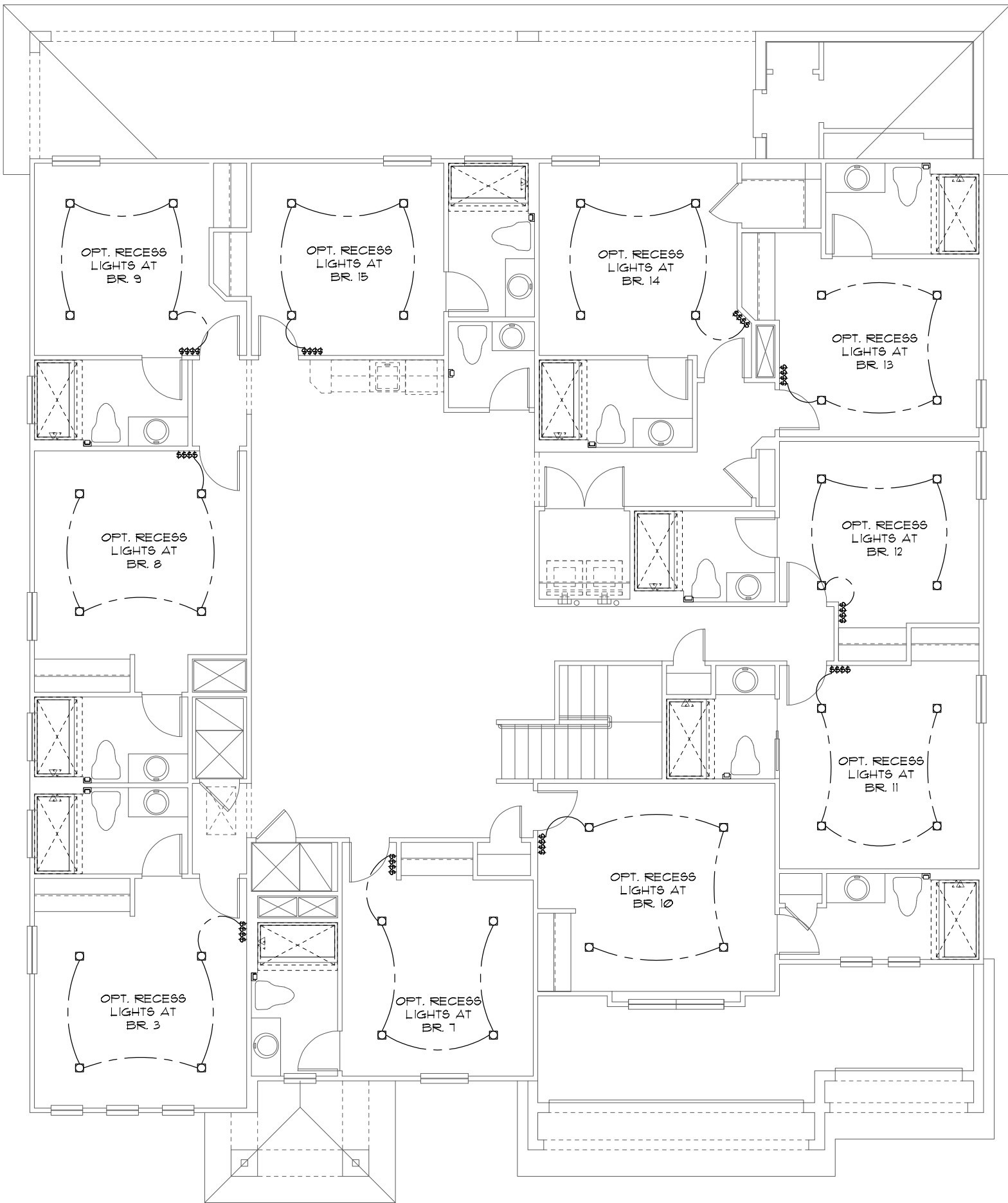
250.52(A)3 Concrete-Encased Electrode.
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Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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

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

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

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



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

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

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

LOT: 0000, PARADISO GRANDE

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PARADISO GRANDE

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

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

Park Square HOMES

ELECTRICAL PLAN

WATERFALL PARADISO GRANDE

6374

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 6374

SHEET 10.0

OF SHEETS

MECHANICAL/GENERAL NOTES

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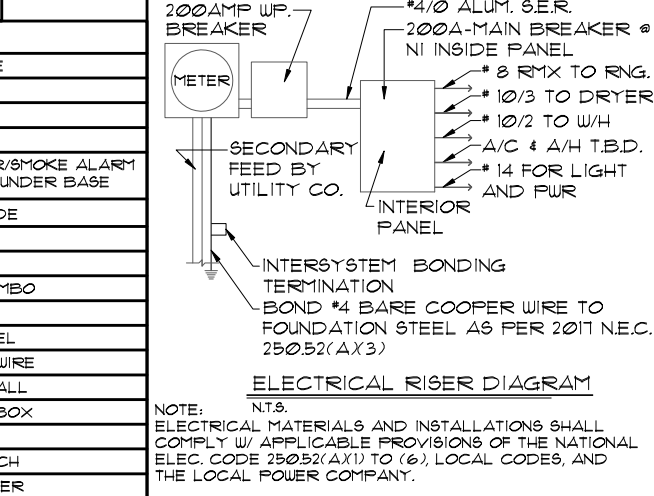
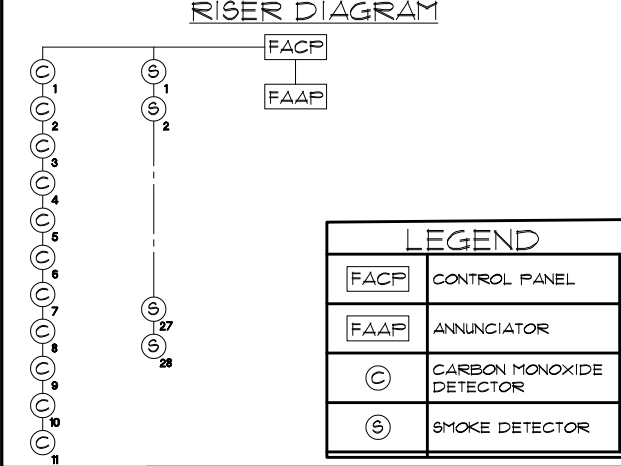
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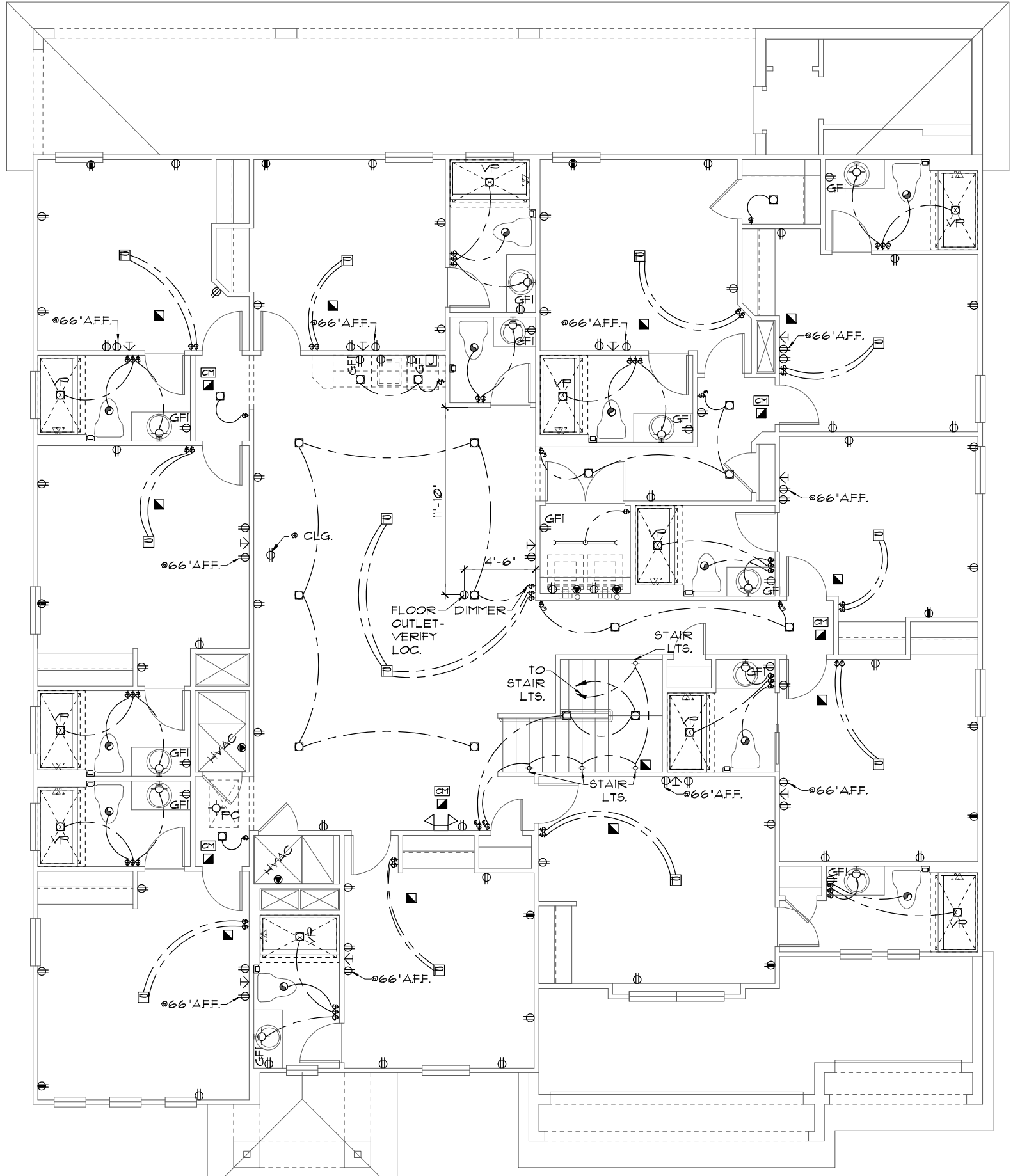
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| ELECTRICAL LEGEND | | | |
|-------------------|------------------------------|---|--|
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| ⊕ | THREE WAY SWITCH | ◀ | OUTLET, PHONE |
| ⊕ | OUTLET 110-115 | ◻ | INTERCOM |
| ⊕ | OUT. 110-115, SPLIT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



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

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

PARADISO GRANDE
Waterfall
6374
DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 6374
SHEET 10A.0
OF SHEETS

Engineering By: DBE and C
MICHAEL A. THOMPSON
PE 47509
PHONE 407-721-2292
A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineland Road, Suite 200
Orlando, Florida, 32811
Phone: (407) 529-3000
ELECTRICAL PLAN
PARADISO GRANDE

MECHANICAL/GENERAL NOTES

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

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

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

3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION M1602 OF THE FBCR CODE 2020 1TH EDITION.

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

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

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

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

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

9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 1TH ED.

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

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

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

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

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

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

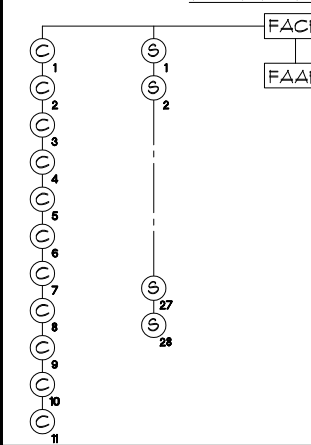
There are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than 1/2 inch in diameter and at least 20 ft. long, encased in 2 inches of concrete; (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.

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

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

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

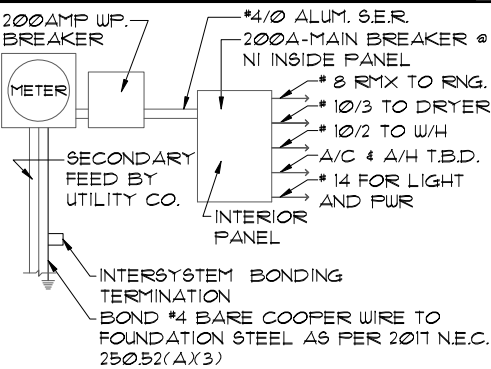
RISER DIAGRAM



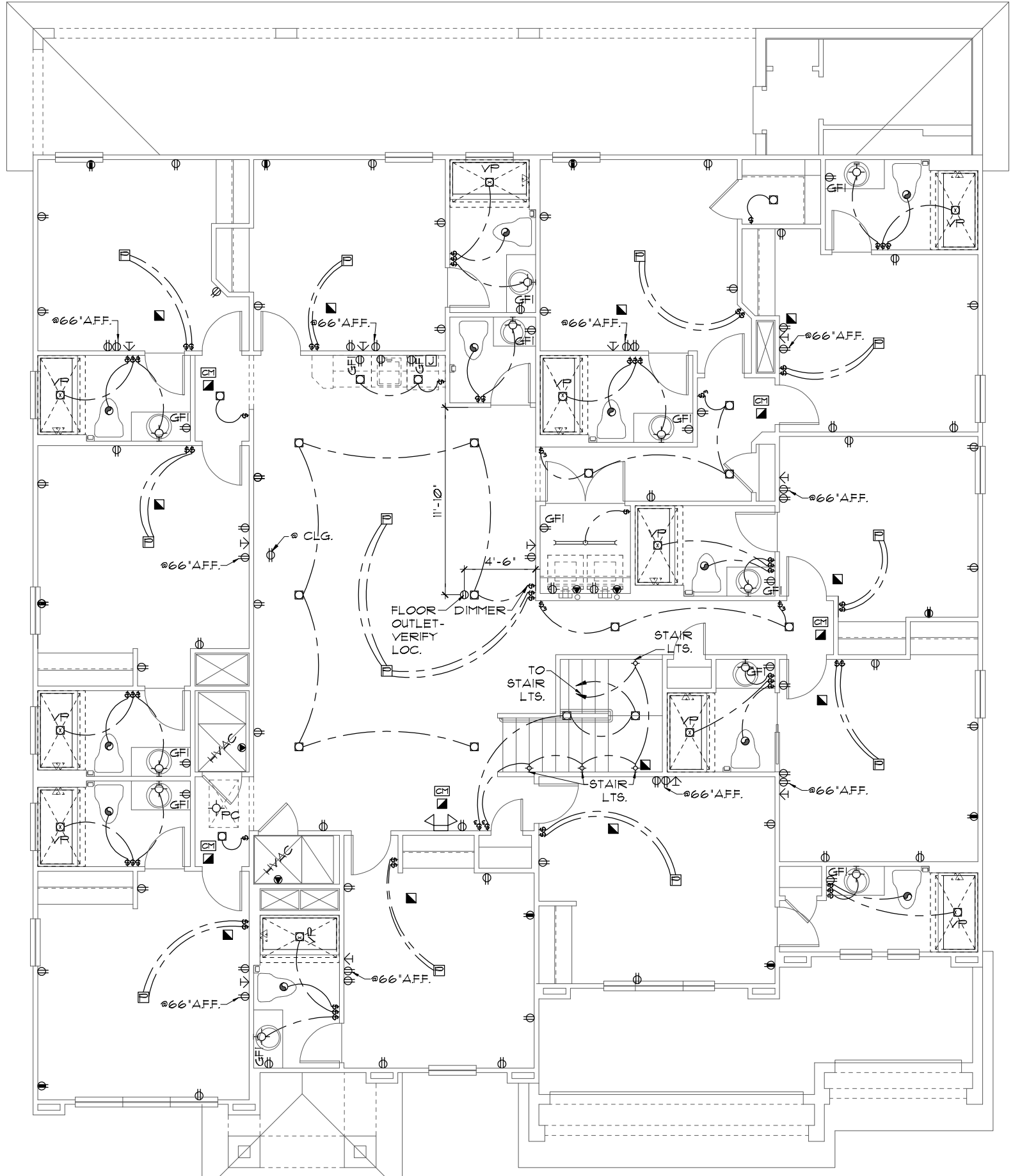
| LEGEND | |
|--------|--------------------------|
| [FACP] | CONTROL PANEL |
| [FAAP] | ANNUNCIATOR |
| [C] | CARBON MONOXIDE DETECTOR |
| [S] | SMOKE DETECTOR |

ELECTRICAL LEGEND

| | | | |
|-------------------------|------------------------------|-------|--|
| [S] | SINGLE POLE SWITCH | [O] | OUTLET, TV/CABLE |
| [3S] | THREE WAY SWITCH | [P] | OUTLET, PHONE |
| [O110-115] | OUTLET 110-115 | [I] | INTERCOM |
| [O110-115, SPLIT WIRED] | OUT. 110-115, SPLIT WIRED | [CH] | CHIMES |
| [O110-115, W/ USB] | OUT. 110-115, W/ USB | [SMA] | SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE |
| [O110-115, CLG. MOUNT.] | OUT. 110-115, CLG. MOUNT. | [CM] | CARBON MONOXIDE |
| [O110-115, FLR. MOUNT.] | OUT. 110-115, FLR. MOUNT. | [PB] | PUSH BUTTON |
| [SPCL. PURPOSE 220-240] | SPCL. PURPOSE 220-240 | [EF] | EXHAUST FAN |
| [L1] | LIGHT FIXT., CLG. MTD. | [EFC] | EX. FAN/LIGHT COMBO |
| [L2] | LIGHT FIXT., WALL MTD. | [DIS] | DISPOSAL |
| [L3] | LIGHT FIXT., RECESSED | [EP] | ELECTRICAL PANEL |
| [L4] | LIGHT FIXT., REC. ADJUST. | [CFP] | CEILING FAN, PREWIRE |
| [L5] | LIGHT FIXT., PULL CHAIN | [CFI] | CEILING FAN, INSTALL |
| [L6] | LED LIGHT FIXT., FLUORESCENT | [EJ] | ELECT. JUNCTION BOX |
| [L7] | LIGHT FIXT., EXT. FLOODS | [T] | THERMOSTAT |
| [EXIT] | LIGHT FIXT., EMERG. EXIT | [DS] | DISCONNECT SWITCH |
| [L8] | LIGHT FIXT., EXIT/BACKUP | [EPM] | ELEC. POWER METER |



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



ELECTRICAL PLAN "B"

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

LOT: 0000, PARADISO GRANDE

WATERFALL PARADISO GRANDE

6374 DATE 04-09-21 SCALE AS NOTED DRAWN RDC JOB 6374 SHEET 10B.0 OF SHEETS

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

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

PARADISO GRANDE

ELECTRICAL PLAN

REVISIONS BY

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

© COPYRIGHT 2018 Park Square Homes hereby reserves its common law copyrights and other copyrights in these plans, ideas, and design. These plans, ideas, and designs are not to be copied or changed in any manner or form whatsoever, nor are they to be assigned to any third party without first obtaining the express written permission from Park Square Homes.

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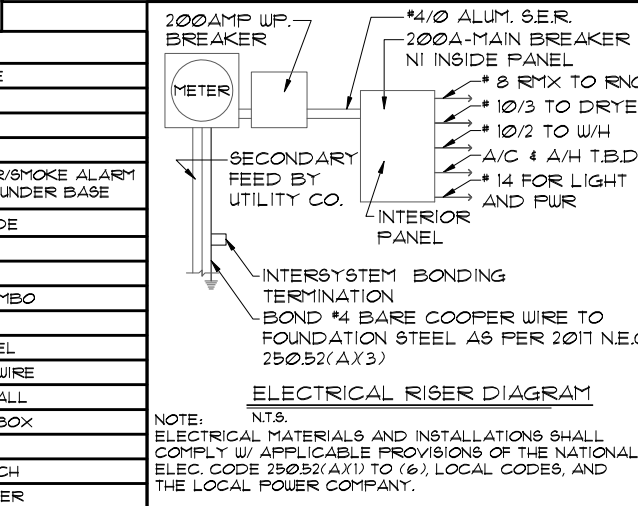
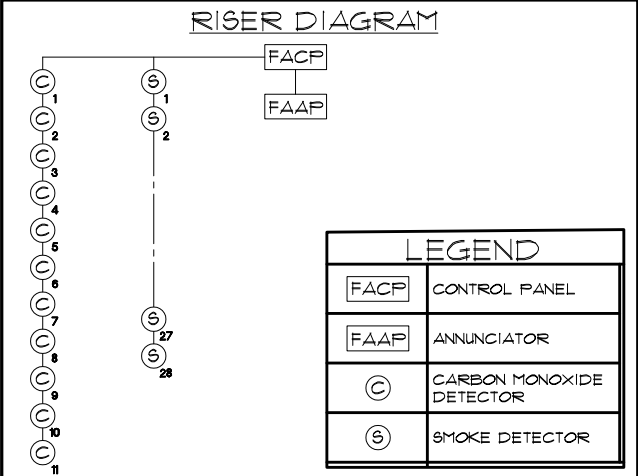
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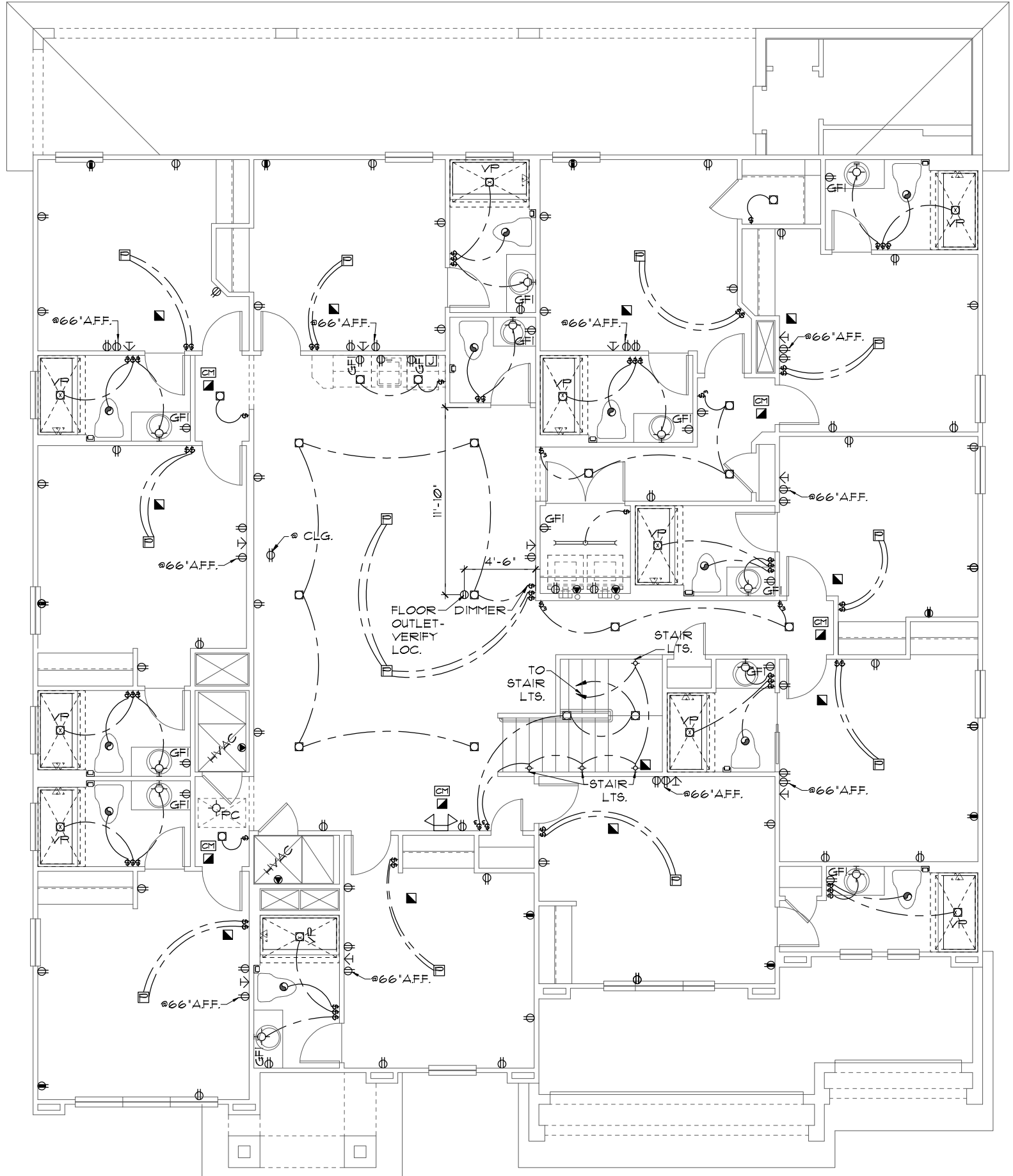
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ELECTRICAL LEGEND

| | | | |
|---|------------------------------|---|--|
| ⊞ | SINGLE POLE SWITCH | ⊞ | OUTLET, TV/CABLE |
| ⊞ | THREE WAY SWITCH | ⊞ | OUTLET, PHONE |
| ⊞ | OUTLET 110-115 | ⊞ | INTERCOM |
| ⊞ | OUT. 110-115, 6PLIT WIRED | ⊞ | CHIMES |
| ⊞ | OUT. 110-115, W/ USB | ⊞ | SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE |
| ⊞ | OUT. 110-115, CLG. MOUNT. | ⊞ | CARBON MONOXIDE |
| ⊞ | OUT. 110-115, FLR. MOUNT. | ⊞ | PUSH BUTTON |
| ⊞ | 6PCL. PURPOSE 220-240 | ⊞ | EXHAUST FAN |
| ⊞ | LIGHT FIXT., CLG. MTD. | ⊞ | EX. FAN/LIGHT COMBO |
| ⊞ | LIGHT FIXT., WALL MTD. | ⊞ | DISPOSAL |
| ⊞ | LED LIGHT FIXT., RECESSED | ⊞ | ELECTRICAL PANEL |
| ⊞ | LIGHT FIXT., REC. ADJUST. | ⊞ | CEILING FAN, PREWIRE |
| ⊞ | LIGHT FIXT., PULL CHAIN | ⊞ | CEILING FAN, INSTALL |
| ⊞ | LED LIGHT FIXT., FLUORESCENT | ⊞ | ELECT. JUNCTION BOX |
| ⊞ | LIGHT FIXT., EXT. FLOODS | ⊞ | THERMOSTAT |
| ⊞ | LIGHT FIXT., EMERG. EXIT | ⊞ | DISCONNECT SWITCH |
| ⊞ | LIGHT FIXT., EXIT/BACKUP | ⊞ | ELEC. POWER METER |



LOT: 0000, PARADISO GRANDE

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

PARADISO GRANDE

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

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

Park Square HOMES

ELECTRICAL PLAN

REVISIONS BY

WATERFALL
PARADISO GRANDE

6374

DATE 04-09-21

SCALE AS NOTED

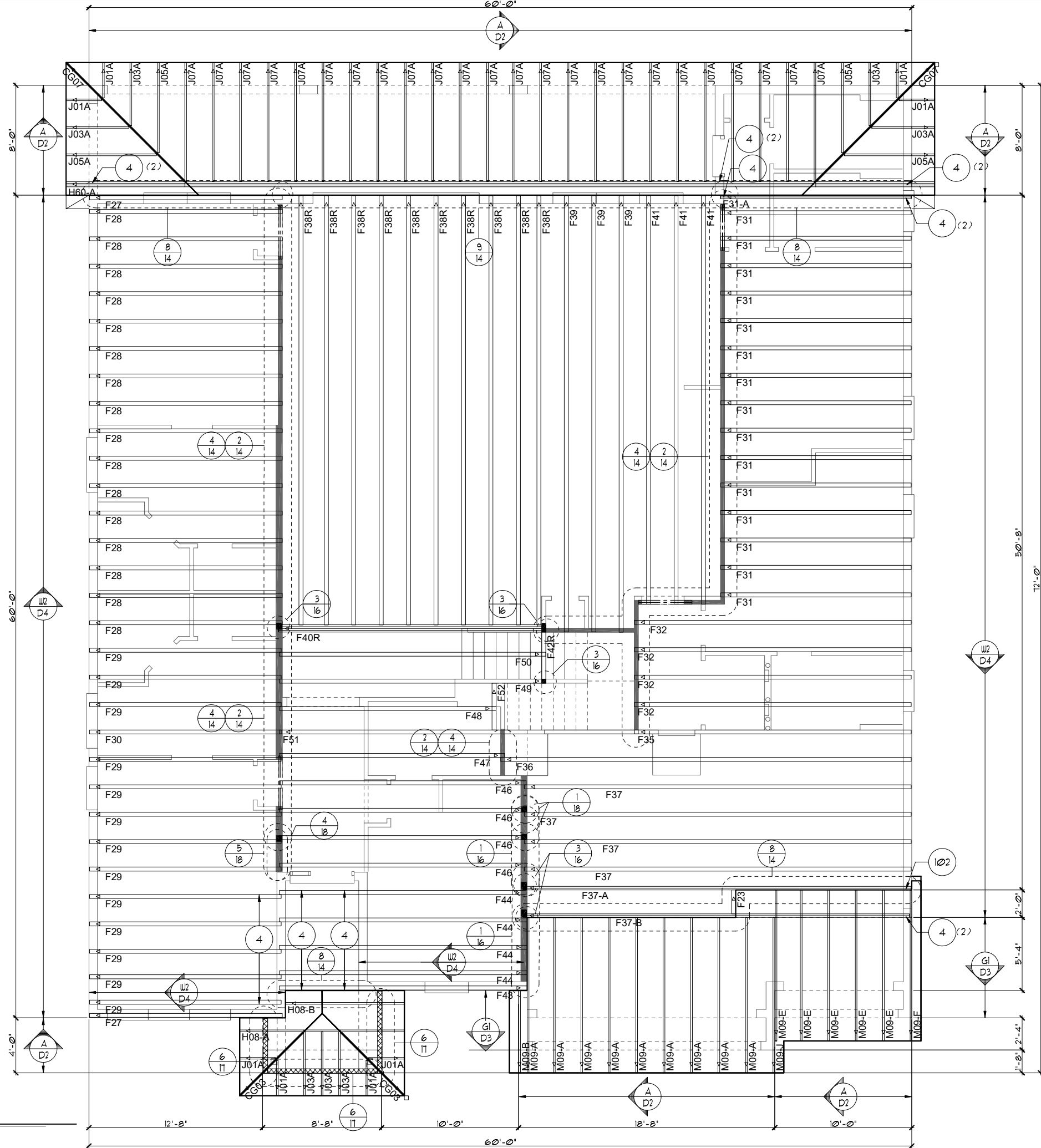
DRAWN RDC

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.
 3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 11TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
 4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
 5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCS1.1.
 6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
 7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 11TH EDITION R305.3.3. Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6751 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
 8. OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - O-HAGIN - 1' x 19" HOLE
 9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 11TH EDITION ASTM C1492-R305.3.5



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

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

| REVISIONS | BY |
|-----------|----|
| | |

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

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

6374

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

PARADISO GRANDE

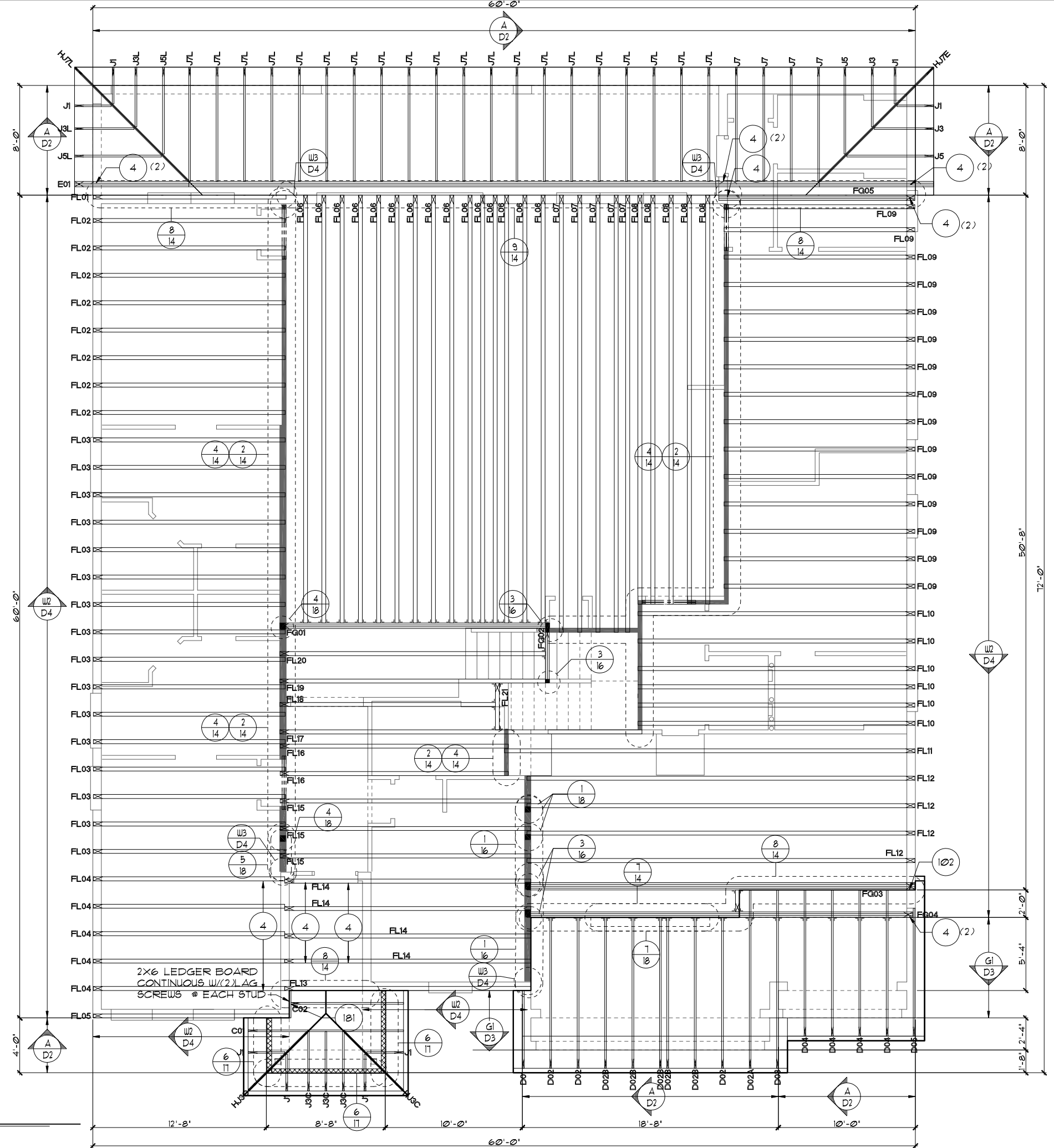
Park Square HOMES
 A DIVISION OF PARK SQUARE ENTERPRISES, INC.
 5200 Vineland Road, Suite 200
 Orlando, Florida, 32811
 Phone: (407) 529 - 3000

TRUSS LAYOUT "A"

LOT: 0000, PARADISO GRANDE
 WATERFALL PARADISO GRANDE
 TRUSS LAYOUT "A"

NOTES

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Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :
• O-HAGIN - 1' X 19" HOLE
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TRUSS LAYOUT "A"
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

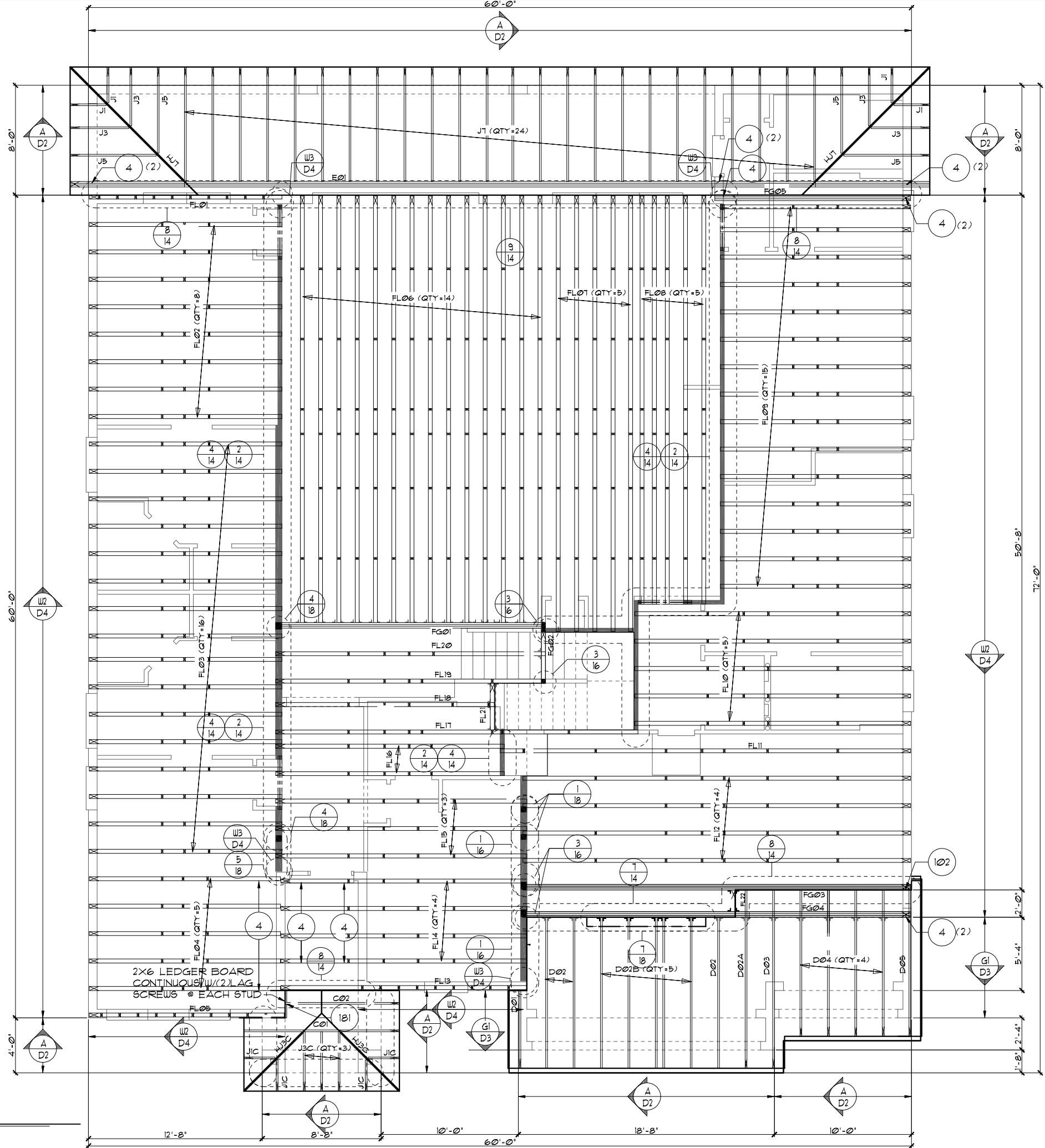
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LOT: 0000, PARADISO GRANDE
 PARADISO GRANDE
 WATERFALL
 TRUSS LAYOUT "A"
 PARADISO GRANDE

| | | |
|--|----------------|-----------|
| Engineering By DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292 | REVISIONS | BY |
| A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vlneland Road, Suite 200 Orlando, Florida, 32811 Phone: (407) 529 - 3000 | | |
| Park Square HOMES | | |
| DATE 04-09-21 | SCALE AS NOTED | DRAWN RDC |
| JOB 6374 | | |
| SHEET 11A.0 | | |
| OF SHEETS | | |

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

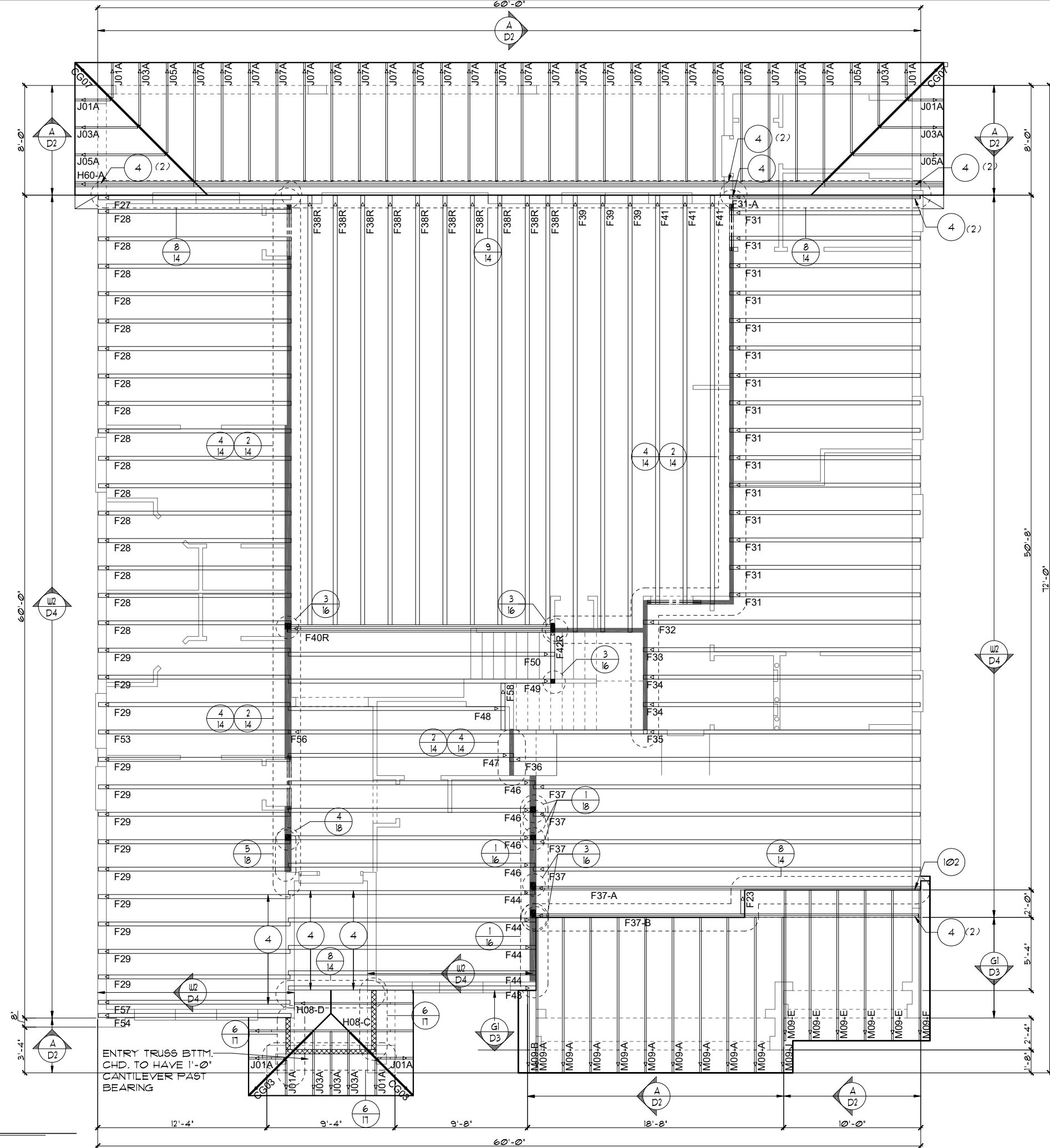
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| WATERFALL | |
| PARADISO GRANDE | |
| 6374 | |
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 11A.0 |
| OF | SHEETS |

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

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

TRUSS LAYOUT "A"

- NOTES**
- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
 - TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
 - PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 11TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
 - ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
 - TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCS1.1.
 - REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
 - TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 11TH EDITION R305.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6751 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
 - OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - O-HAGIN - 1' x 19" HOLE
 - TILE ROOF TO BE INSTALLED IAW FBCR 2020, 11TH EDITION ASTM C1492-R305.3.5



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

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

| REVISIONS | BY |
|-----------|----|
| | |

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

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

Park Square HOMES

TRUSS LAYOUT "B"

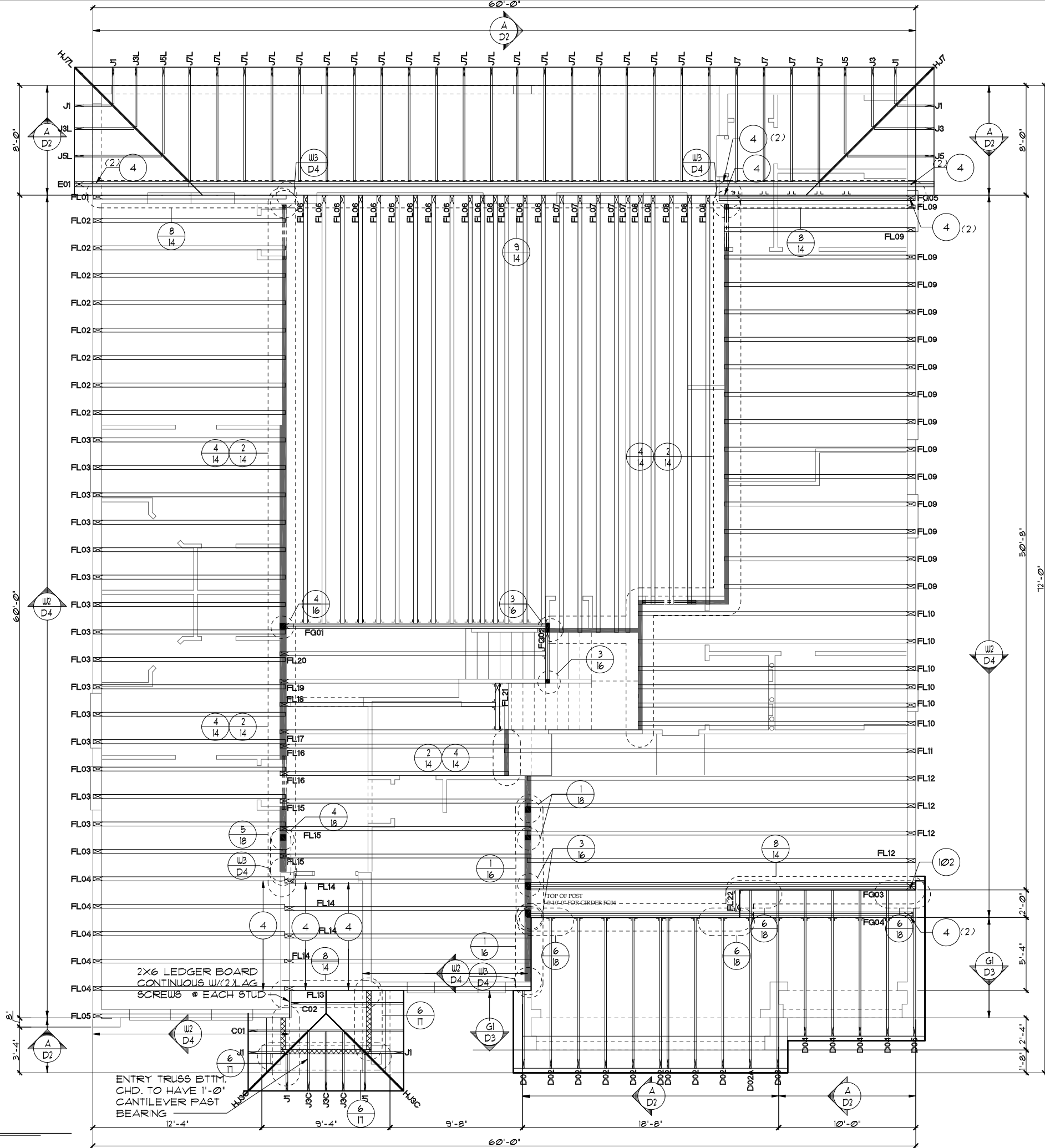
WATERFALL
 PARADISO GRANDE

6374

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

NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
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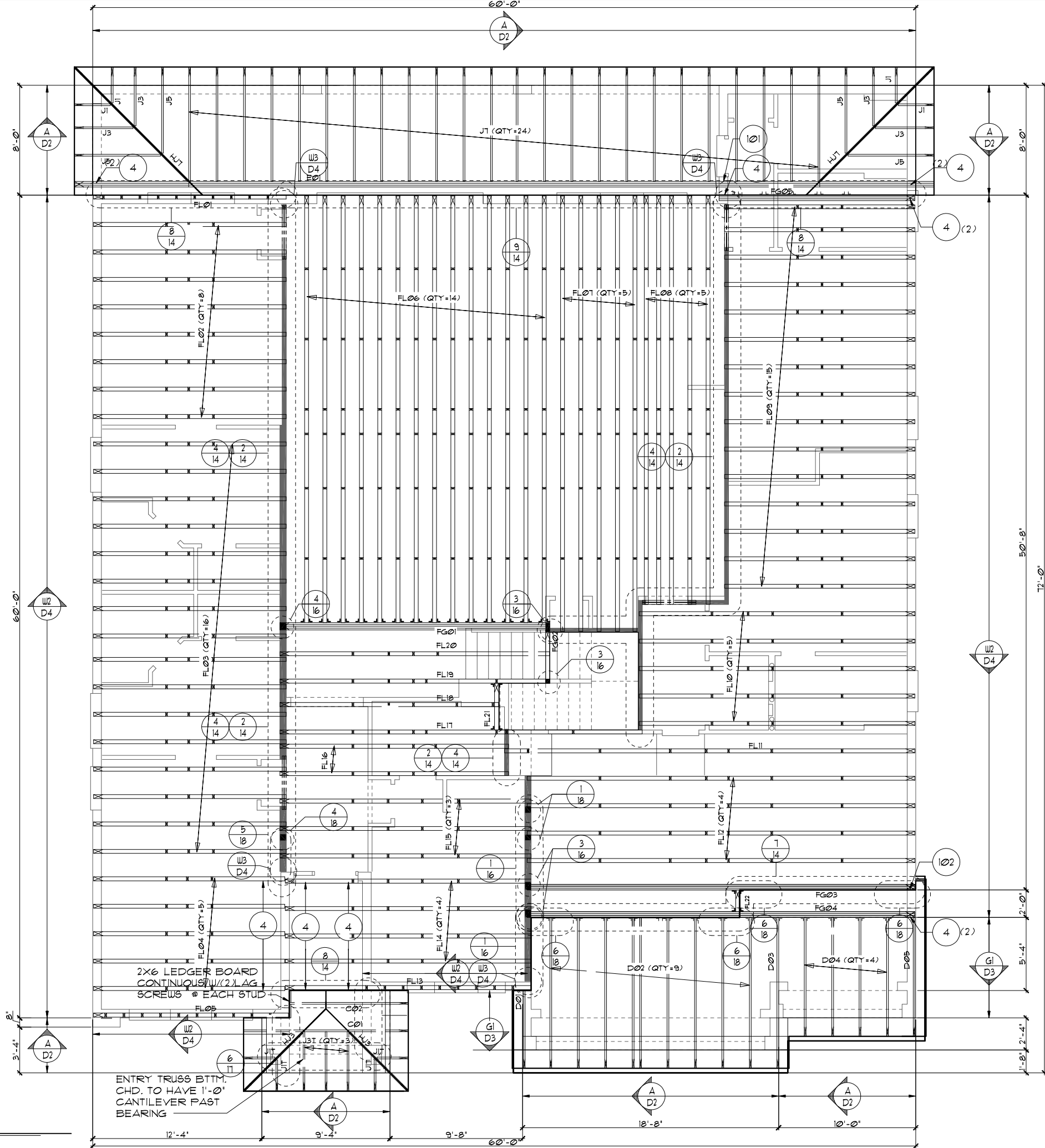
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LOT: 000, PARADISO GRANDE
 PARADISO GRANDE
 WATERFALL
 TRUSS LAYOUT "B"
 PARADISO GRANDE

| | | |
|--|-----------|----|
| Engineering By DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292 | REVISIONS | BY |
| A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida, 32811 Phone: (407) 529 - 3000 | | |
| Park Square HOMES | | |
| DATE 04-09-21 | | |
| SCALE AS NOTED | | |
| DRAWN RDC | | |
| JOB 6374 | | |
| SHEET 11B.0 | | |
| OF SHEETS | | |

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6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
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TRUSS LAYOUT "B"

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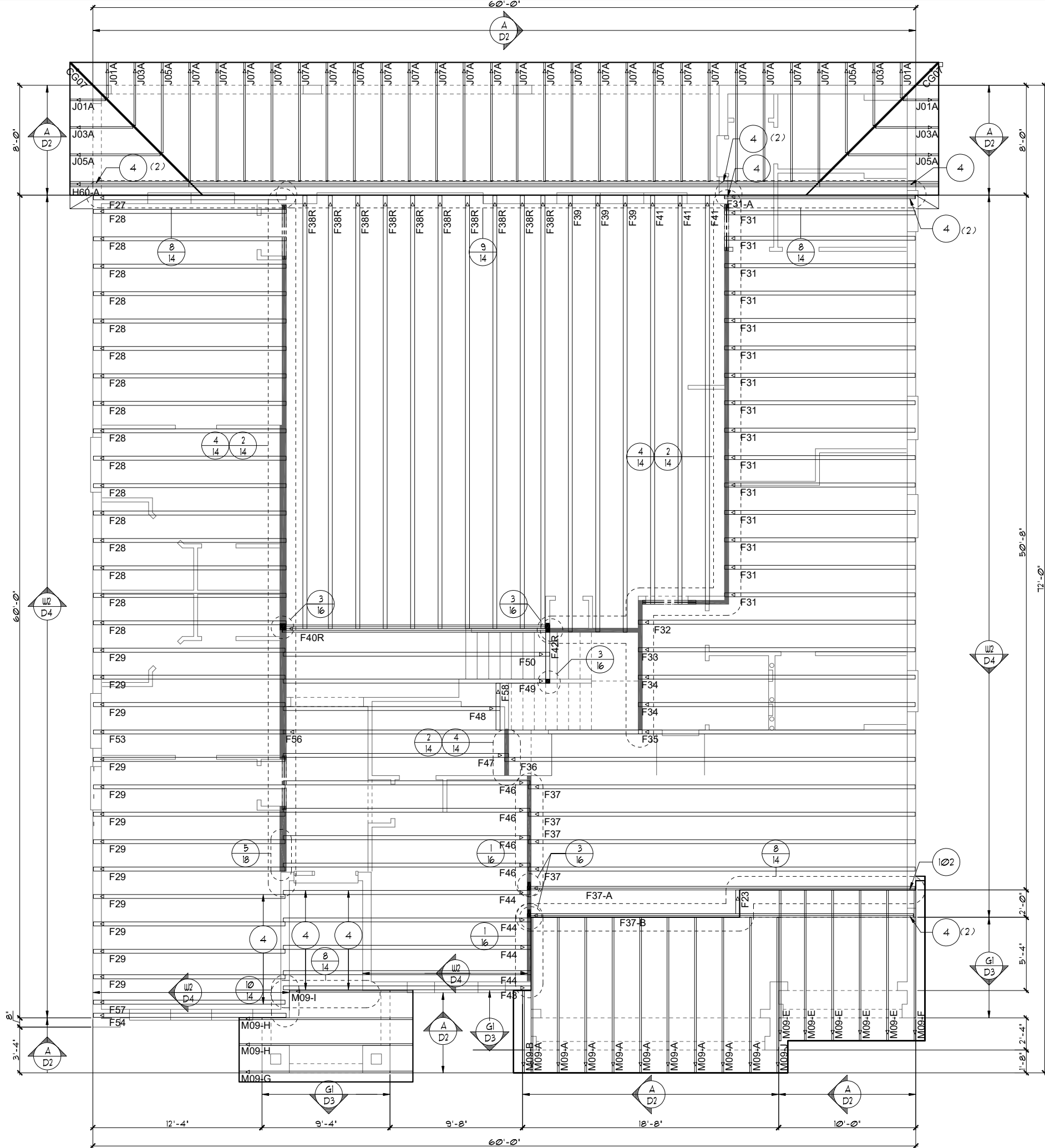
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| WATERFALL | |
| PARADISO GRANDE | |
| 6374 | |
| DATE | 04-09-21 |
| SCALE | AS NOTED |
| DRAWN | RDC |
| JOB | 6374 |
| SHEET | 11B.0 |
| OF | SHEETS |

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

TRUSS LAYOUT "B"

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

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

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

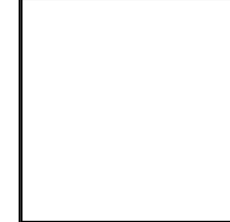
| REVISIONS | BY |
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Engineering By: DBE and C
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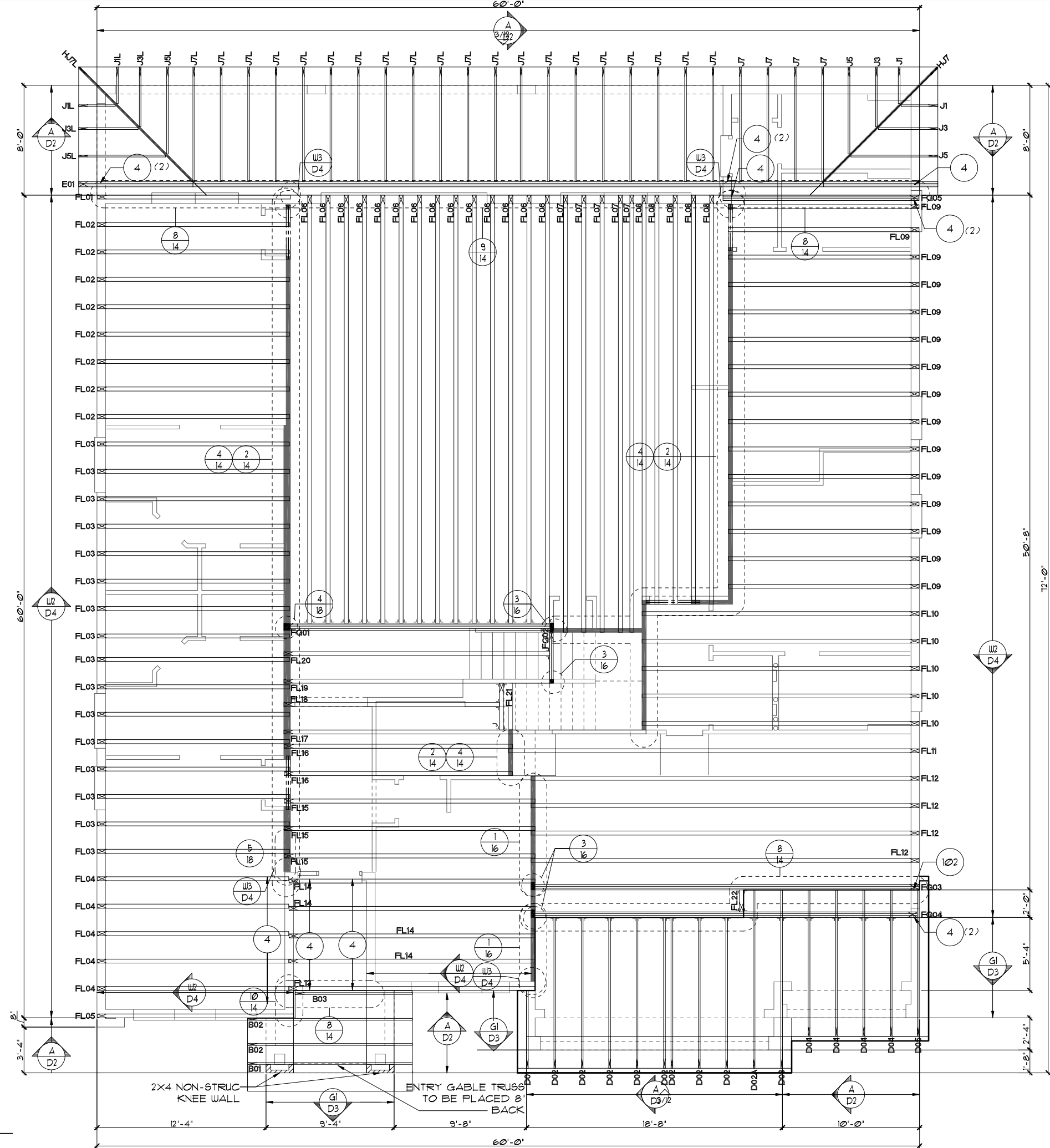
DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 6374
 SHEET 11C.0 OF 1 SHEETS



PARADISO GRANDE

NOTES

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LOT: 0000, PARADISO GRANDE
 WATERFALL PARADISO GRANDE
 TRUSS LAYOUT "C"

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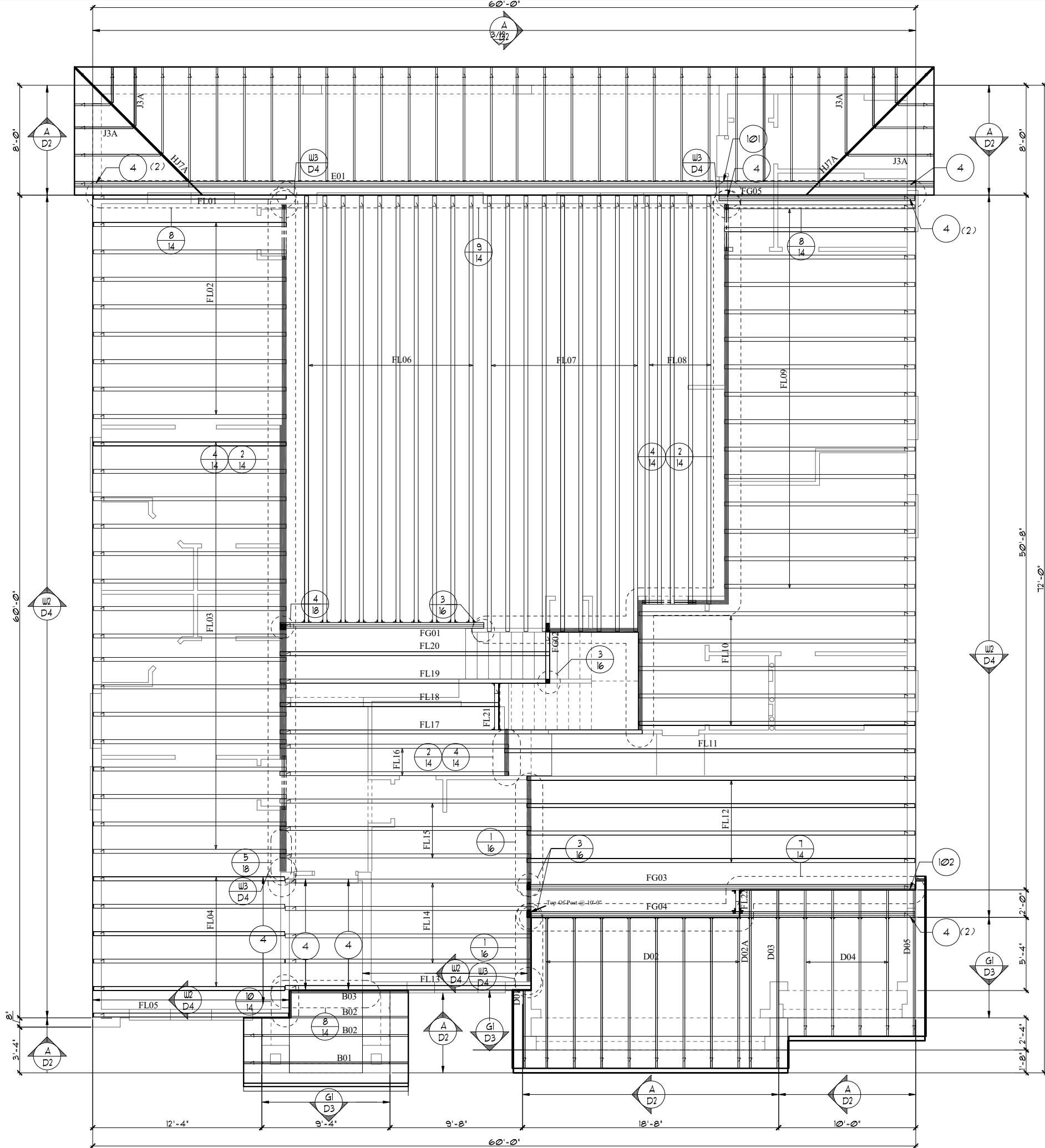
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 Orlando, Florida, 32811
 Phone: (407) 529 - 3000

Park Square HOMES

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

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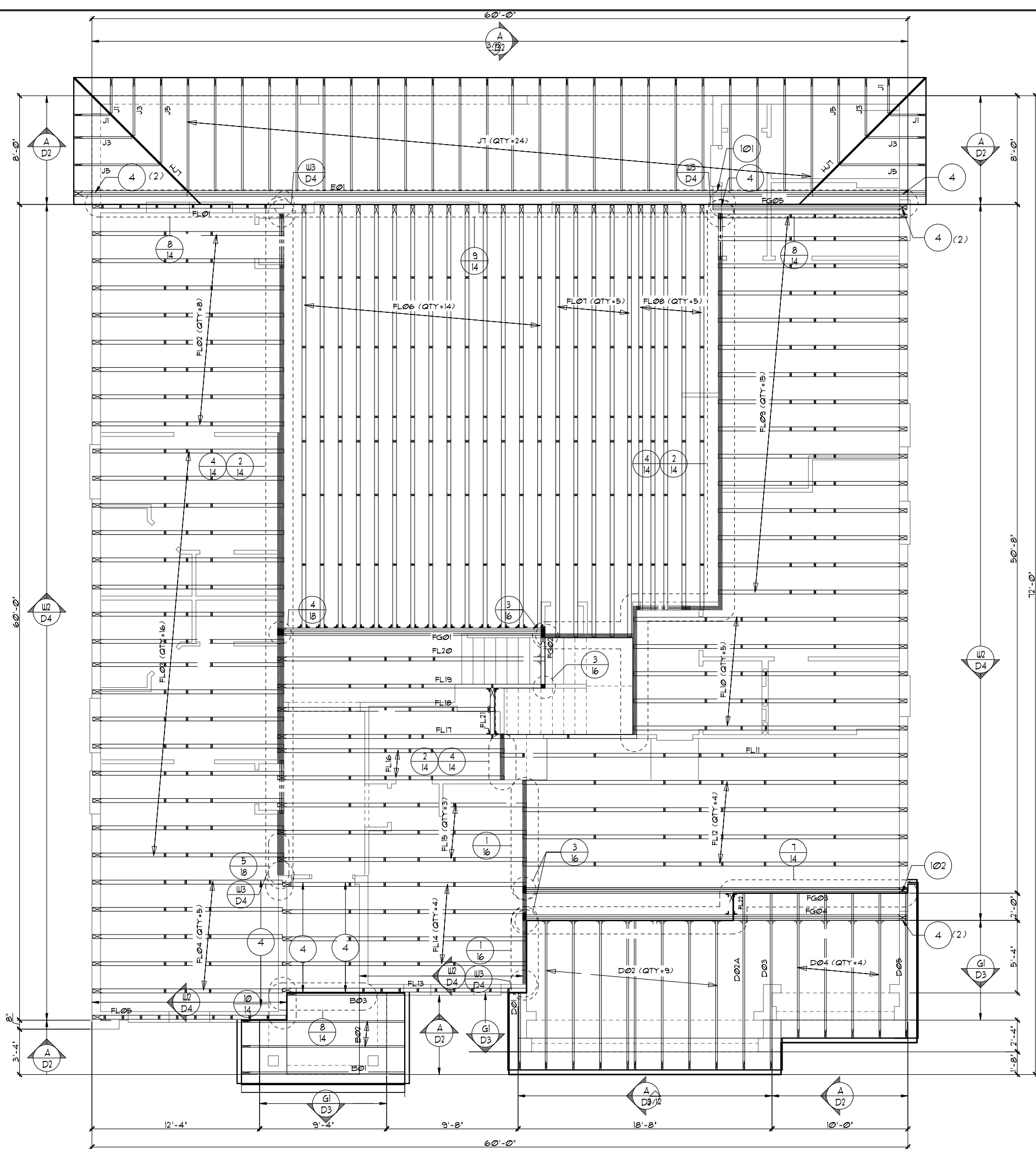
TRUSS LAYOUT "C"
1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)

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

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| PARADISO GRANDE A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida, 32811 Phone: (407) 529 - 3000 | |
| Engineering By: DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292 | REVISIONS BY |
| TRUSS LAYOUT "C" | |
| WATERFALL PARADISO GRANDE | |
| 6374 | |
| DATE 04-09-21 | |
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6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
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 5200 Vineland Road, Suite 200
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Park Square HOMES

TRUSS LAYOUT "C"

WATERFALL
PARADISO GRANDE

| | | |
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| 6374 | DATE | 04-09-21 |
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| | DRAWN | RDC |
| | JOB | 6374 |
| | SHEET | |
| 11C.0 | OF | SHEETS |

| REVISIONS | BY |
|-----------|----|
| | |

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

ATTIC VENTILATION CALCULATIONS

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

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

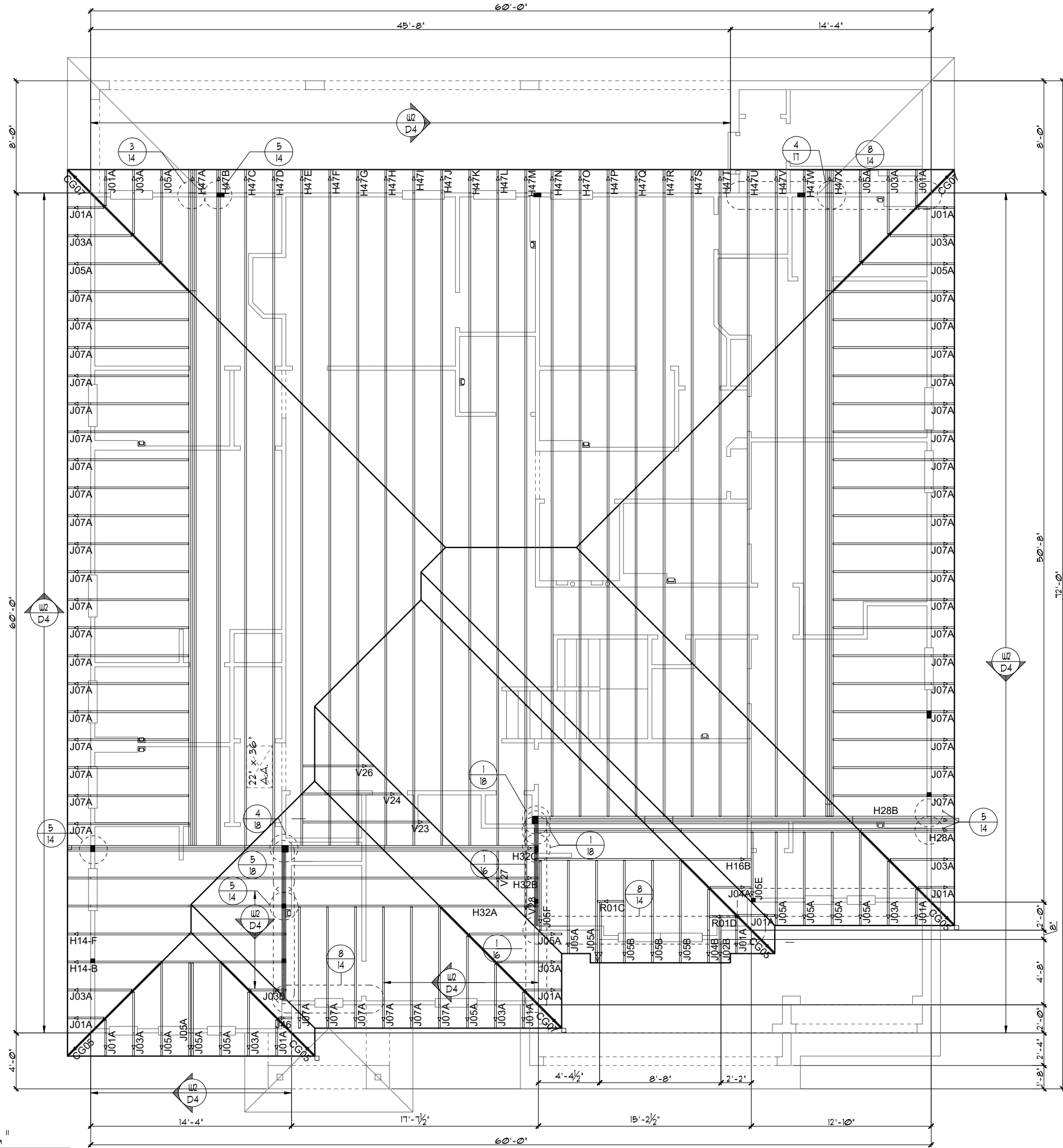
TOTAL VENTED SPACE: $\frac{3,559\text{S.F.}}{300} = \frac{11.87\text{S.F.}}{\text{NET FREE REQUIRED}}$

UPPER PORTION VENTILATION TOTAL: **4.85S.F.**
 PROVIDED W/OFF RIDGE VENTS: 5 VENTS @ .97S.F. /VENT.
 (TILE: O'HAGIN MODEL 'S', SHINGLE: LOMANCO T10-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: **25.83S.F.**
 PROVIDED W/SOFFITS @ EAVE: 297L.F. @ 0.087SF VENTING/L.F.

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

- ### NOTES
- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
 - TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
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UPPER TRUSS LAYOUT "A"
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LOT: 0000, PARADISO GRANDE

PARADISO GRANDE
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Engineering By:
 DBE and C
 MICHAEL A. THOMPSON
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Park Square HOMES

| REVISIONS | BY |
|-----------|----|
| | |

UPPER TRUSS LAYOUT "A"

6374

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

ATTIC VENTILATION CALCULATIONS

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

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

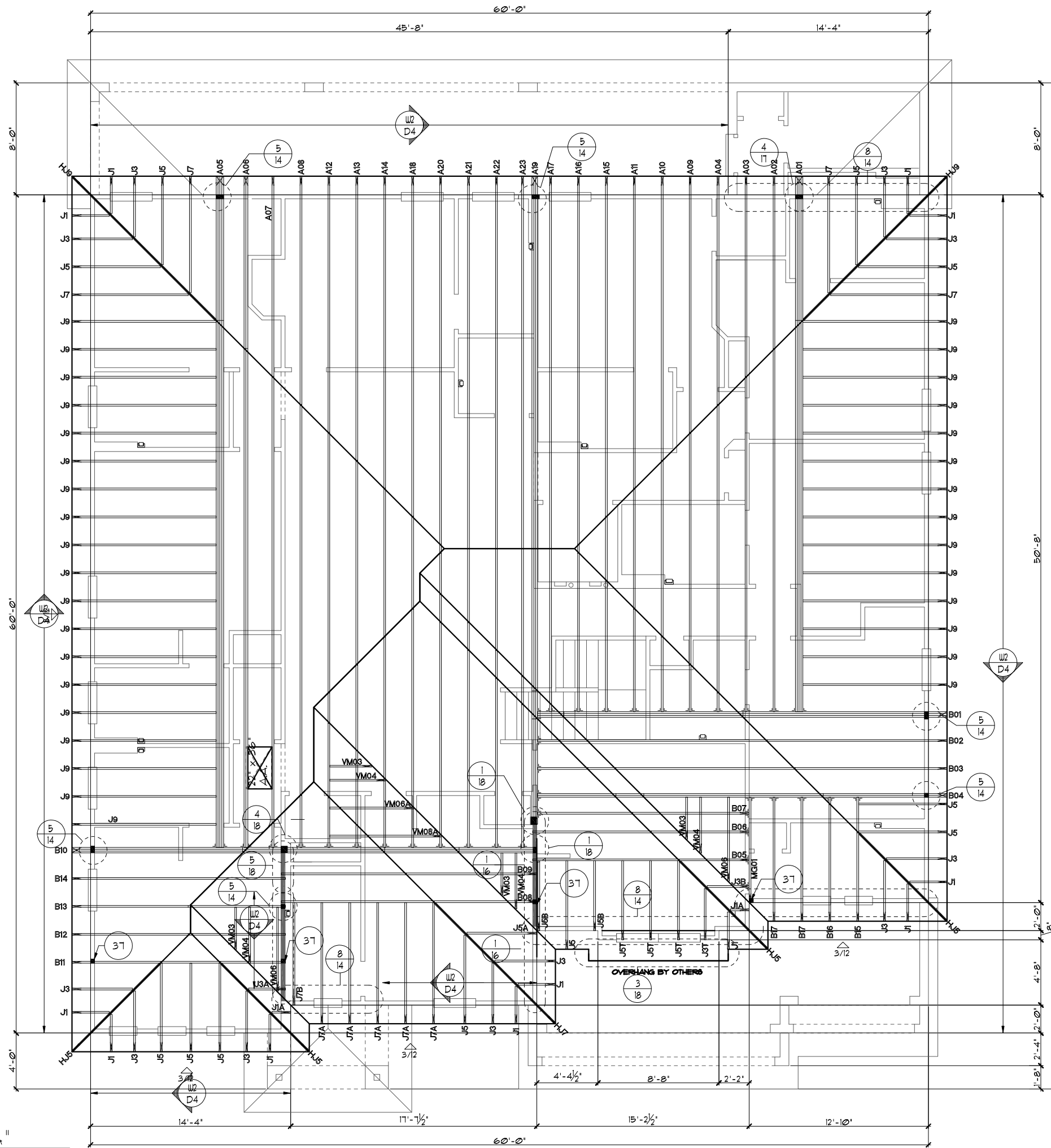
TOTAL VENTED SPACE: $\frac{3,559S.F.}{300} = 11.87S.F.$ NET FREE REQUIRED

UPPER PORTION VENTILATION TOTAL: 4.85S.F.
 PROVIDED W/OFF RIDGE VENTS: 5 VENTS @ .97S.F. /VENT.
 (TILE: O'HAGIN MODEL "S", SHINGLE: LOMANCO T10-D OR MILLENNIUM METAL)
 LOWER PORTION VENTILATION TOTAL: 25.83S.F.
 PROVIDED W/SOFFITS @ EAVE: 297L.F. @ 0.087S.F. VENTING/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 11TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCS1 I.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 11TH EDITION R305.3.3.
 Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :
 • O'HAGIN - 1" X 19" HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 11TH EDITION ASTM C1492-R305.3.5



UPPER TRUSS LAYOUT "A"

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

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

| | |
|--|----------|
| PARADISO GRANDE Engineering By: DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292 | |
| A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida, 32811 Phone: (407) 529 - 3000 | |
| Park Square HOMES | |
| 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 FBC2020 11TH EDITION R306: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

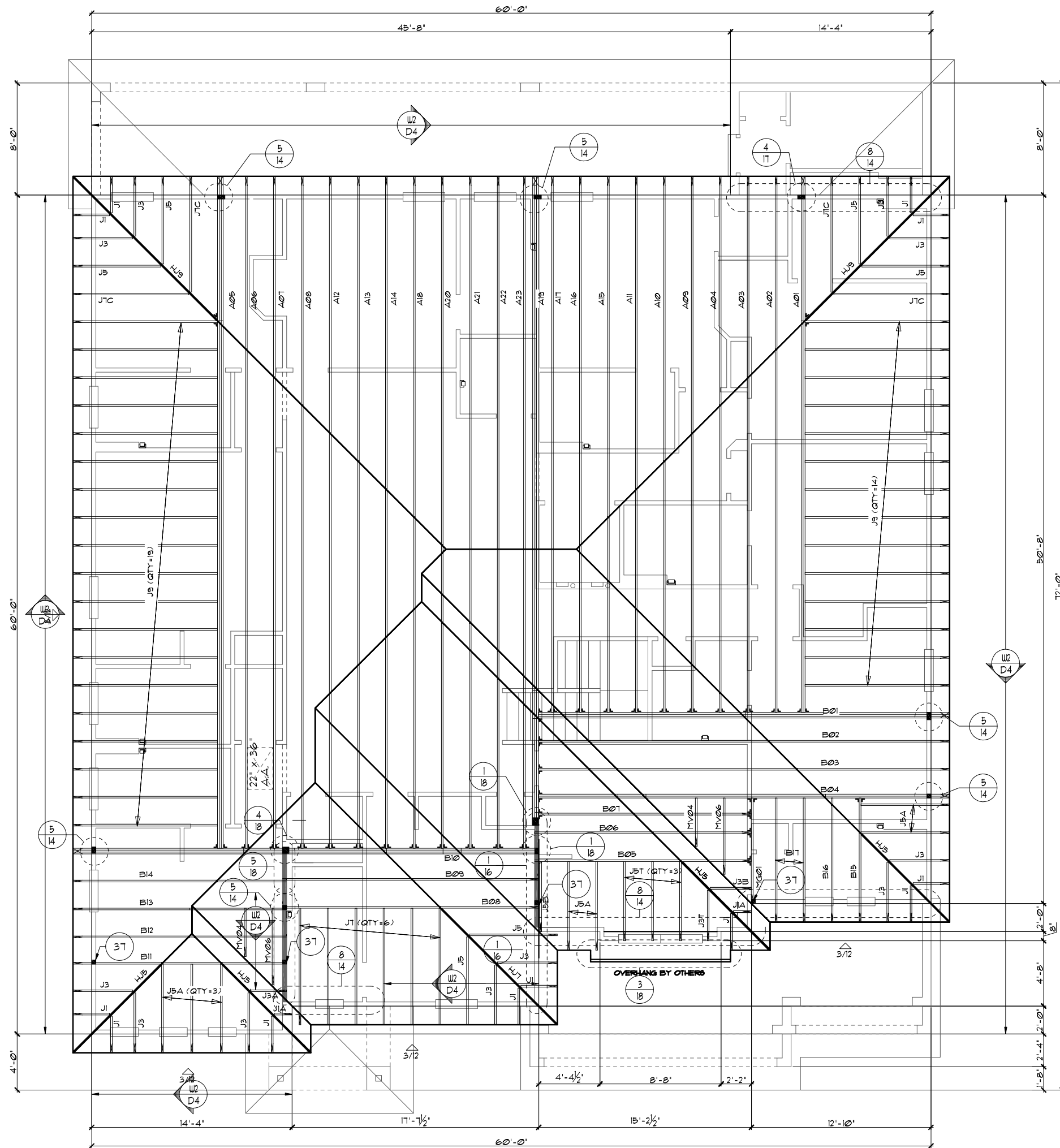
TOTAL VENTED SPACE: $\frac{3,559\text{S.F.}}{300} = \underline{11.87\text{S.F.}}$ NET FREE REQUIRED

UPPER PORTION VENTILATION TOTAL: **4.85S.F.**
 PROVIDED W/OFF RIDGE VENTS: **5 VENTS @ .97S.F. /VENT.**
 (TILE: O'HAGIN MODEL "S", SHINGLE: LOMANCO T10-D OR MILLENNIUM METAL)
 LOWER PORTION VENTILATION TOTAL: **25.83S.F.**
 PROVIDED W/SOFFITS @ EAVE: **297L.F. @ 0.087S.F. VENTING/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.
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LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

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WATERFALL
PARADISO GRANDE

UPPER TRUSS
LAYOUT "A"

Park Square
HOMES

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

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

| REVISIONS | BY |
|-----------|----|
| | |

6374

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 6374

SHEET

12A.0

OF SHEETS

ATTIC VENTILATION CALCULATIONS

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

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

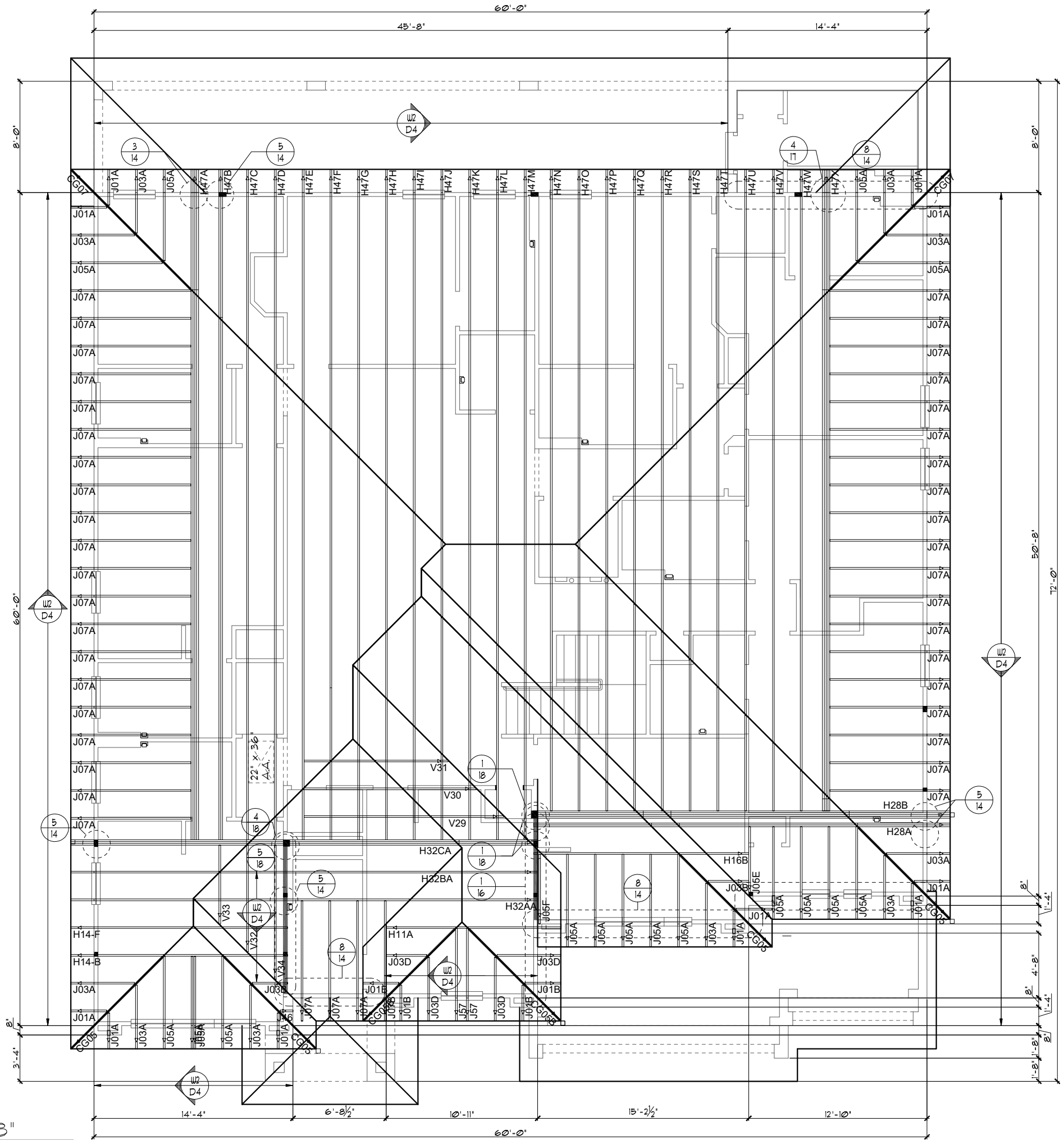
TOTAL VENTED SPACE: $\frac{3,559S.F.}{300} = \frac{11.87S.F.}{\text{NET FREE REQUIRED}}$

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 - O'HAGIN - 1' X 19" HOLE
9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 11TH EDITION ASTM C1492-R305.3.5



UPPER TRUSS LAYOUT "B"

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

PARADISO GRANDE

| REVISIONS | BY |
|-----------|----|
| | |

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

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



UPPER TRUSS LAYOUT "B"

WATERFALL PARADISO GRANDE

6374

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

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

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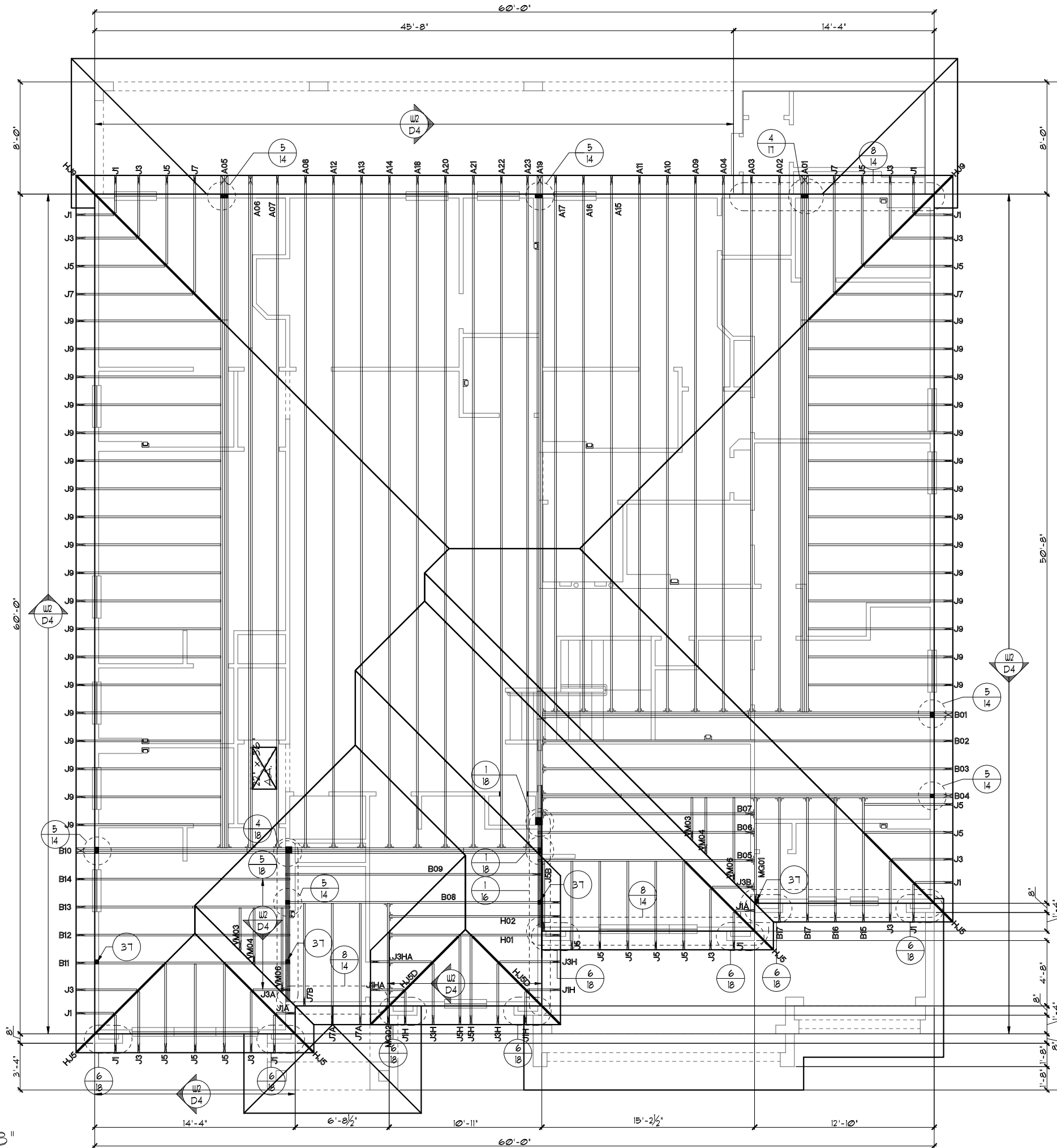
TOTAL VENTED SPACE: $\frac{3,559S.F.}{300} = \frac{11.87S.F.}{1}$ NET FREE REQUIRED

UPPER PORTION VENTILATION TOTAL: **4.85S.F.**
 PROVIDED W/OFF RIDGE VENTS: **5 VENTS @ .97S.F. /VENT.**
 (TILE: O'HAGIN MODEL "S", SHINGLE: LOMANCO T10-D OR MILLENNIUM METAL)
 LOWER PORTION VENTILATION TOTAL: **25.83S.F.**
 PROVIDED W/SOFFITS @ EAVE: **297L.F. @ 0.087SF VENTING/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)

LOT: 0000, PARADISO GRANDE
 THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 1TH EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH
 PARADISO GRANDE
 WATERFALL
 6374
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 6374
 SHEET
 12B.0
 OF SHEETS

PARADISO GRANDE

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

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

Park Square HOMES

UPPER TRUSS
 LAYOUT "B"

REVISIONS

| REVISIONS | BY |
|-----------|----|
| | |

ATTIC VENTILATION CALCULATIONS

PER FBC2020 1TH EDITION R306: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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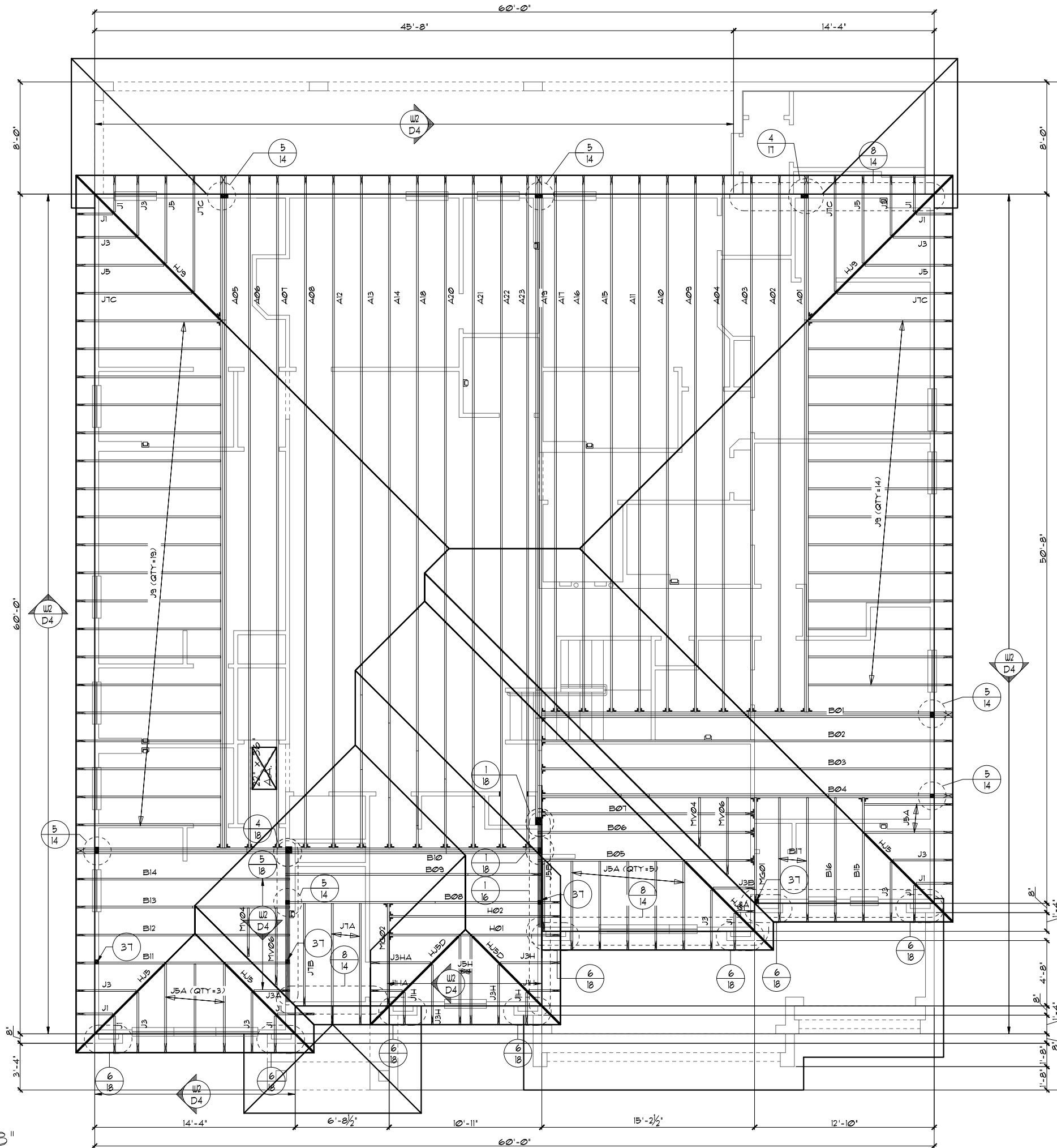
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 (TILE: O'HAGIN MODEL 'S', SHINGLE: LOMANCO T10-D OR MILLENNIUM METAL)
 LOWER PORTION VENTILATION TOTAL: 25.83S.F.
 PROVIDED W/SOFFITS @ EAVE: 297L.F. @ 0.087SF VENTING/L.F.

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

NOTES

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UPPER TRUSS LAYOUT "B"

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

| REVISIONS | BY |
|-----------|----|
| | |

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

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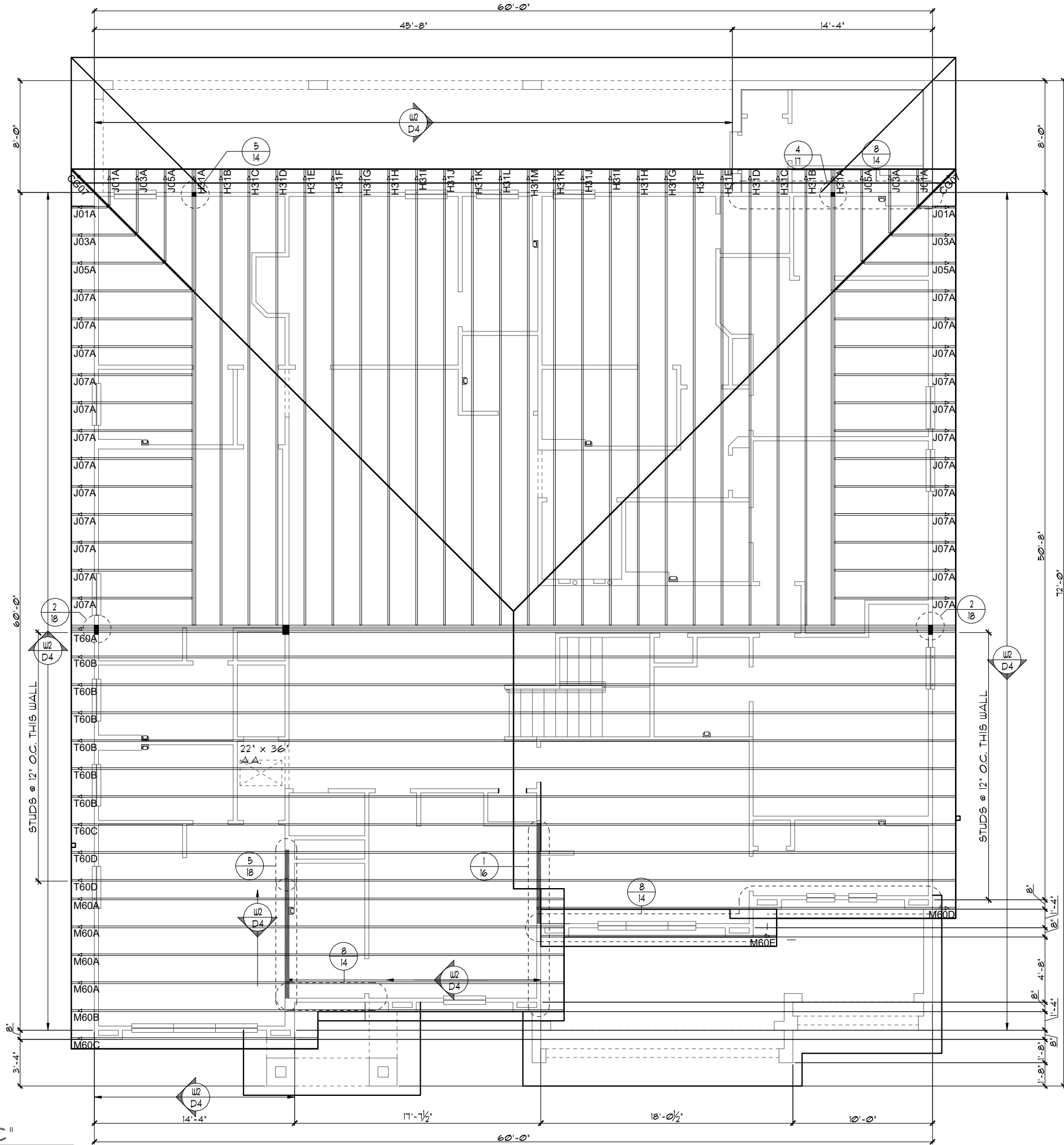
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UPPER TRUSS LAYOUT "C"
 1/8" = 1'-0" (11X17) 1/4" = 1'-0" (22X34)

LOT: 0000, PARADISO GRANDE
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| PARADISO GRANDE | |
| Engineering By: DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292 | REVISIONS BY |
| A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida, 32811 Phone: (407) 529 - 3000 | |
| Park Square HOMES | |
| 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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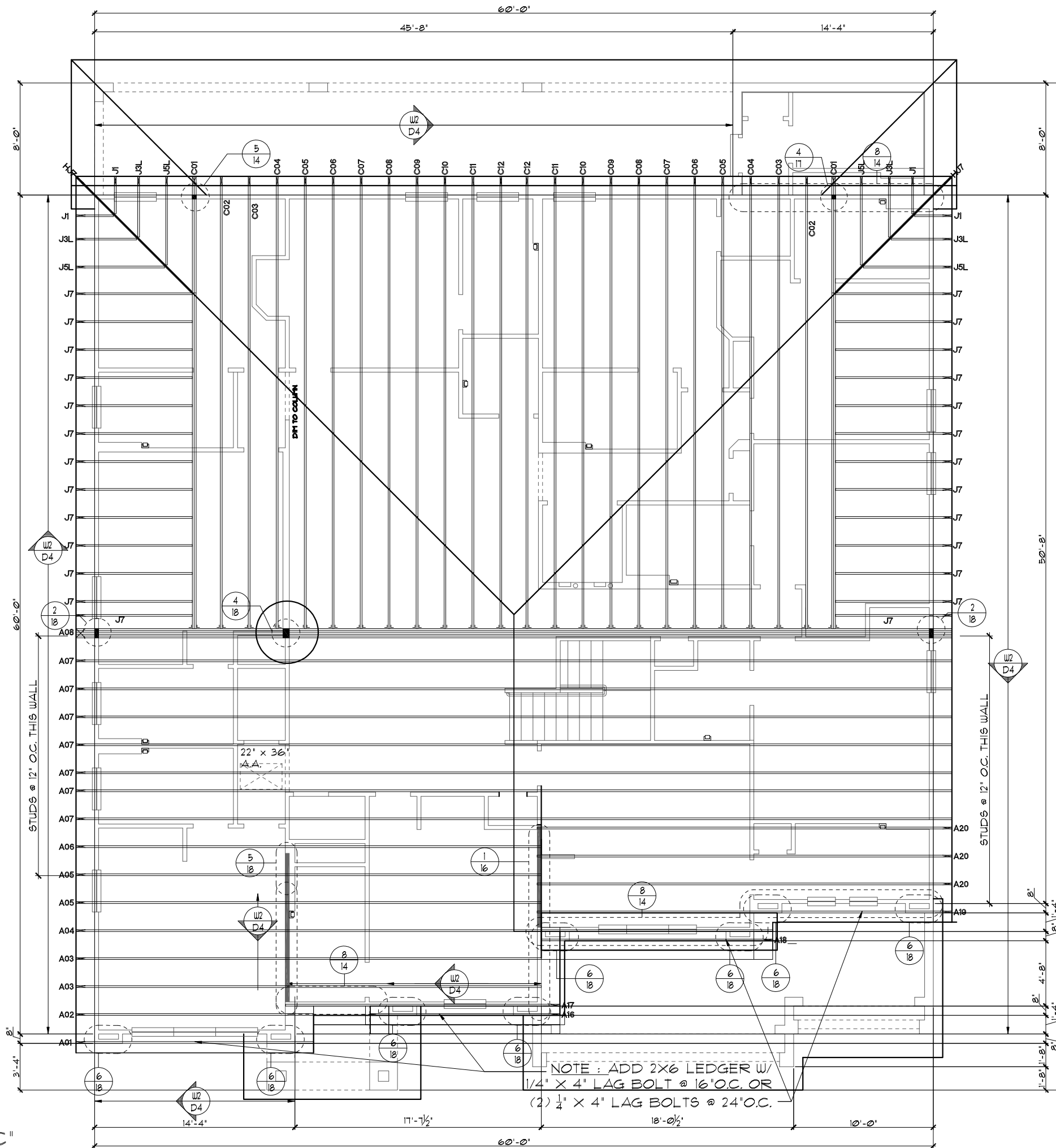
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- OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - O-HAGIN - 1' X 19" HOLE



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

UPPER TRUSS LAYOUT "C"

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

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

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| Engineering By: DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292 | REVISIONS BY |
| UPPER TRUSS LAYOUT "C" | |
| WATERFALL PARADISO GRANDE | |
| 6374 | |
| DATE 04-09-21 SCALE AS NOTED DRAWN RDC JOB 6374 SHEET 12C.0 OF 9 SHEETS | |

ATTIC VENTILATION CALCULATIONS

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

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

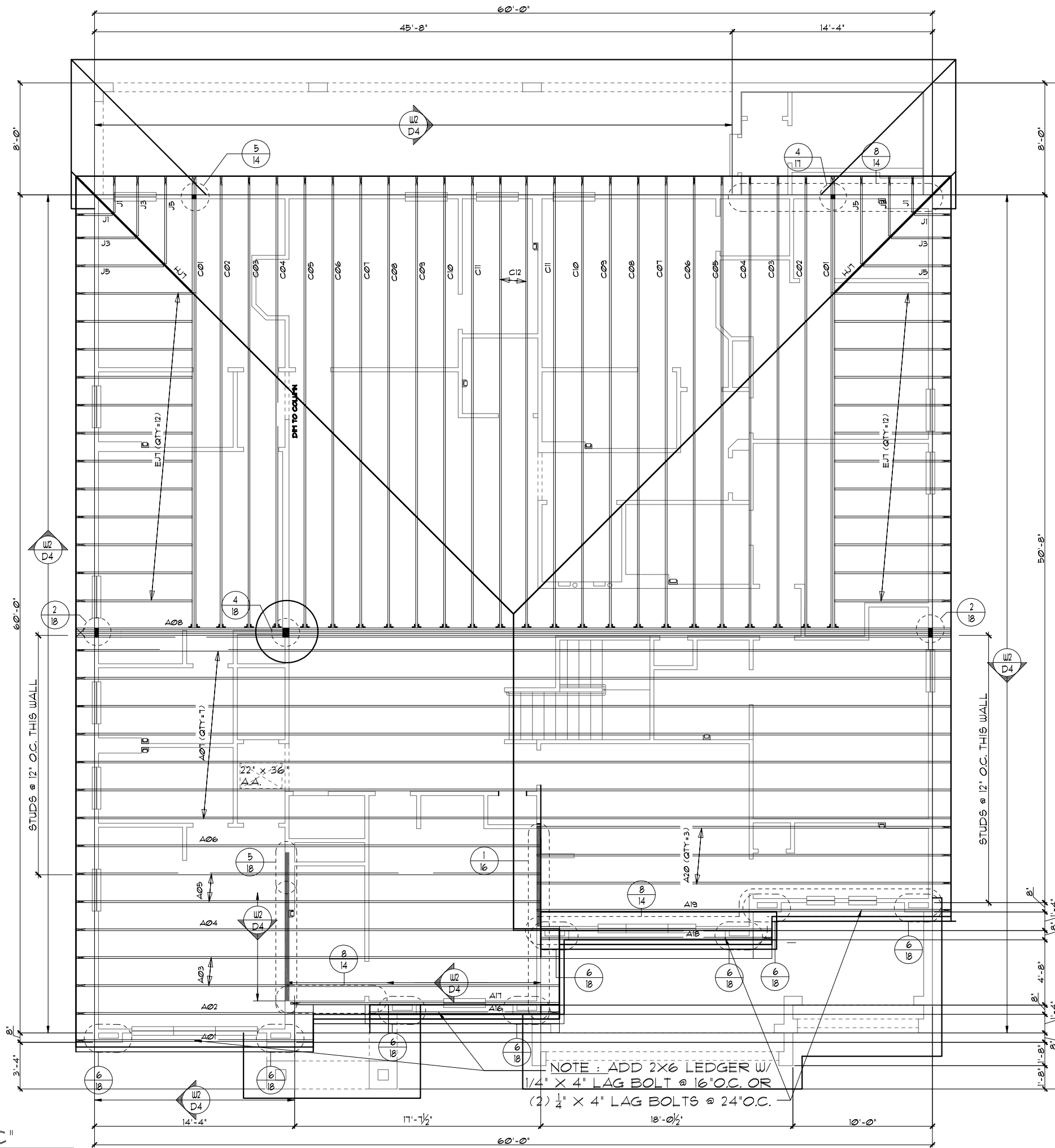
TOTAL VENTED SPACE: $\frac{3,559S.F.}{300} = 11.87S.F.$ NET FREE REQUIRED

UPPER PORTION VENTILATION TOTAL: **4.85S.F.**
 PROVIDED W/OFF RIDGE VENTS: **5 VENTS @ .97S.F. /VENT.**
 (TILE: O'HAGIN MODEL 'S', SHINGLE: LOMANCO T10-D OR MILLENNIUM METAL)
 LOWER PORTION VENTILATION TOTAL: **25.83S.F.**
 PROVIDED W/SOFFITS @ EAVE: **297L.F. @ 0.087SF VENTING/L.F.**

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

NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE **8'** UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE **20'** UNLESS OTHERWISE NOTED.
- PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 11TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
- ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCS1 I.
- REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 11TH EDITION R305.3.3. Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
- OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - O'HAGIN - 1' X 19" HOLE



UPPER TRUSS LAYOUT "C"

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

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

LOT: 0000, PARADISO GRANDE

PARADISO GRANDE

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WATERFALL
 PARADISO GRANDE

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

UPPER TRUSS
 LAYOUT "C"

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

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

| REVISIONS | BY |
|-----------|----|
| | |

ATTIC VENTILATION CALCULATIONS

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

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

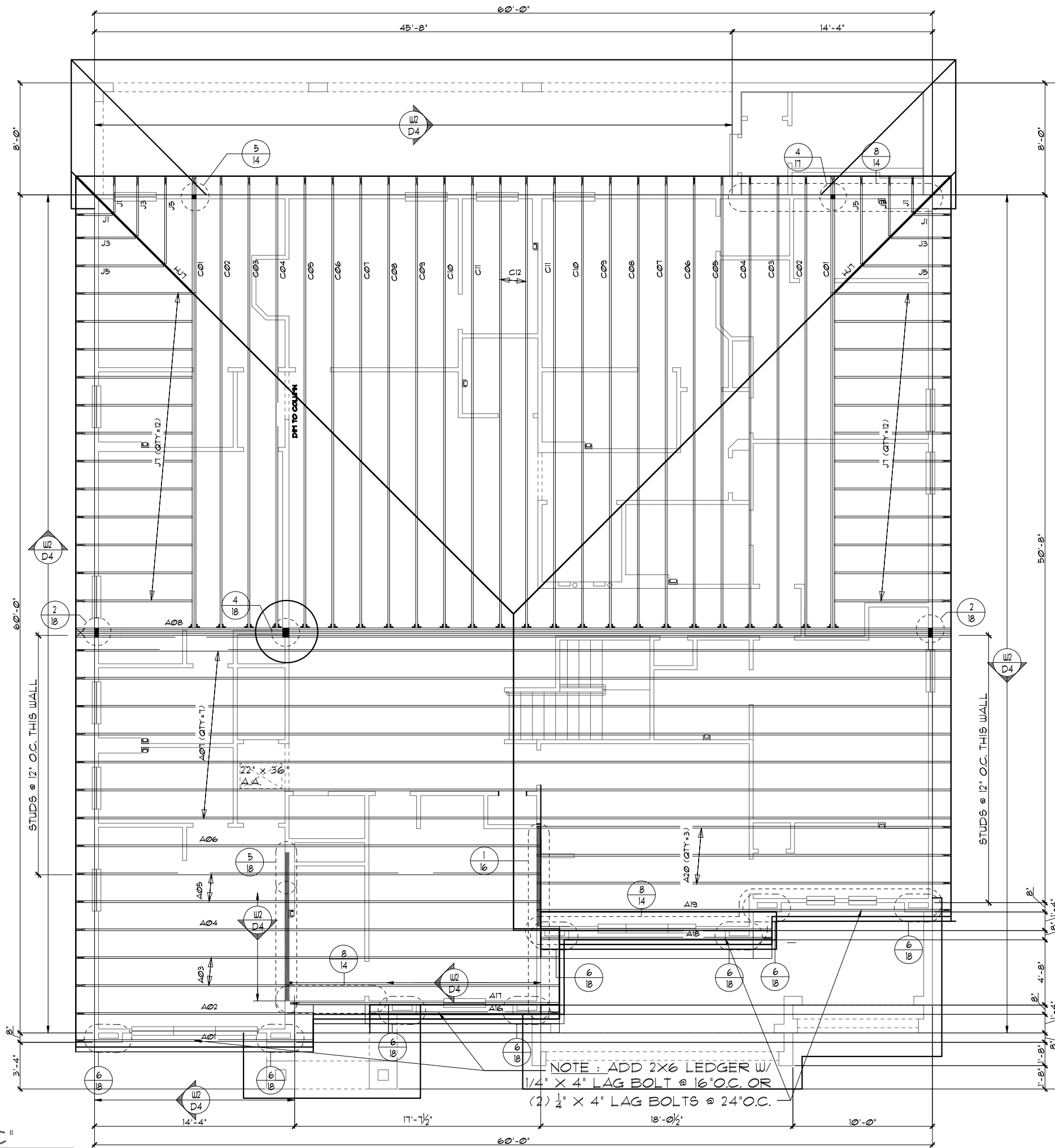
TOTAL VENTED SPACE: $\frac{3,559S.F.}{300} = 11.87S.F.$ NET FREE REQUIRED

UPPER PORTION VENTILATION TOTAL: **4.85S.F.**
 PROVIDED W/OFF RIDGE VENTS: **5 VENTS @ .97S.F. /VENT.**
 (TILE: O'HAGIN MODEL 'S', SHINGLE: LOMANCO T10-D OR MILLENNIUM METAL)
 LOWER PORTION VENTILATION TOTAL: **25.83S.F.**
 PROVIDED W/SOFFITS @ EAVE: **297L.F. @ 0.087SF VENTING/L.F.**

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

NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE **8"** UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE **20"** UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 11TH EDITION (2020) 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 2020, 11TH EDITION R305.3.3. Underlayment materials required to comply with ASTM D226, D1910, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - O'HAGIN - 1' X 19" HOLE



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

UPPER TRUSS LAYOUT "C"

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

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

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

Park Square HOMES

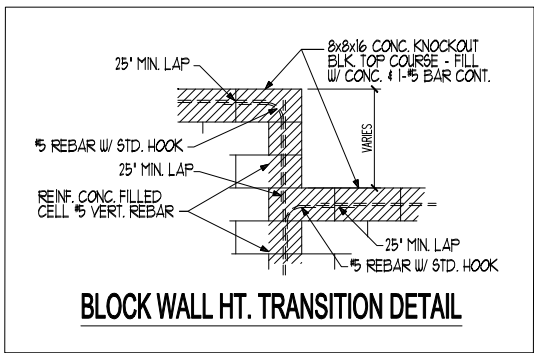
UPPER TRUSS LAYOUT "C"

WATERFALL PARADISO GRANDE

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

| REVISIONS | BY |
|-----------|----|
| | |

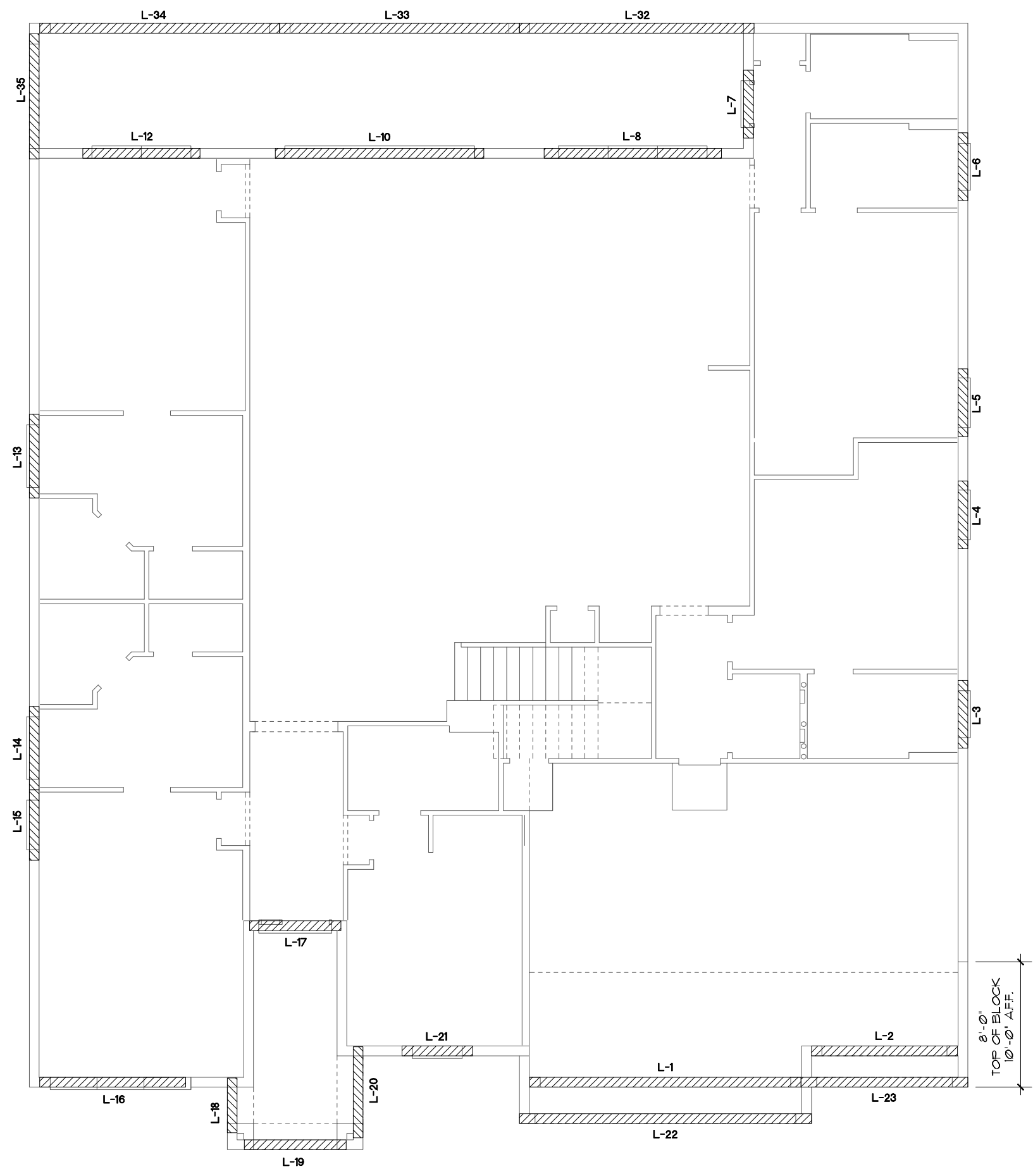
Engineering By:
 DBE and C
 MICHAEL A. THOMPSON
 PE 47509
 PHONE 407-721-2292



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

| LINTEL NO. | LENGTH | TYPE | COMMENTS |
|------------|--------|-------------|------------------|
| L-1 | 17'-4" | 8F30-1B/1T | GARAGE DOOR |
| L-2 | 9'-4" | 8F30-1B/1T | GARAGE DOOR |
| L-3 | 4'-6" | 8F36-0B/1T | 3/0X1/0 F.G. |
| L-4 | 4'-6" | 8F36-0B/1T | SH26 |
| L-5 | 4'-6" | 8F36-0B/1T | SH26 |
| L-6 | 4'-6" | 8F36-0B/1T | 3/0X1/0 F.G. |
| L-7 | 4'-4" | 8RF44-0B/1T | 2600 1-LITE DR. |
| L-8 | 11'-4" | 8F36-0B/1T | (3) SH26 |
| L-9 | | | |
| L-10 | 13'-4" | 8F48-0B/1T | 12/0X8/0 S.G.D. |
| L-11 | | | |
| L-12 | 7'-6" | 8F36-0B/1T | FR SH26 |
| L-13 | 5'-4" | 8F36-0B/1T | 4/0X1/0 F.G. |
| L-14 | 5'-4" | 8F36-0B/1T | 4/0X1/0 F.G. |
| L-15 | 4'-6" | 8F36-0B/1T | SH26 |
| L-16 | 9'-4" | 8F36-0B/1T | (3) 3/0X6/0 F.G. |
| L-17 | 5'-10" | 8RF44-0B/1T | FRONT DOOR |
| L-18 | 3'-6" | 824-0B/1T | FRONT ENTRY |
| L-19 | 6'-6" | 824-0B/1T | FRONT ENTRY |
| L-20 | 5'-10" | 824-0B/1T | FRONT ENTRY |
| L-21 | 4'-6" | 8F36-0B/1T | SH26 |
| L-22 | 18'-8" | 8F24-1B/1T | GARAGE ENTRY |
| L-23 | 10'-6" | 8F24-0B/1T | GARAGE ENTRY |
| L-24 | | | |
| L-25 | | | |
| L-26 | | | |
| L-27 | | | |
| L-28 | | | |
| L-29 | | | |
| L-30 | | | |
| L-31 | | | |
| L-32 | 15'-0" | 8F16-1B/1T | REAR LANAI |
| L-33 | 15'-4" | 8F16-1B/1T | REAR LANAI |
| L-34 | 15'-4" | 8F16-1B/1T | REAR LANAI |
| L-35 | 8'-0" | 8F16-1B/1T | 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)



8'-0"
 TOP OF BLOCK
 10'-0" AFF.

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

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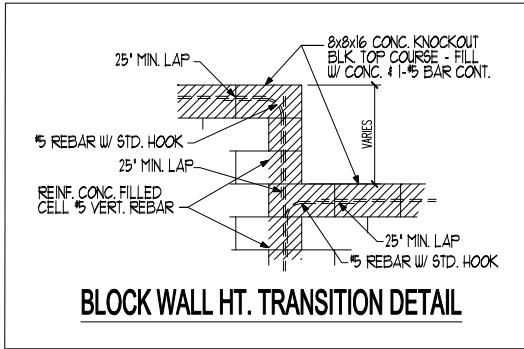
PARADISO GRANDE
 A DIVISION OF PARK SQUARE ENTERPRISES, INC.
 5200 Vineland Road, Suite 200
 Orlando, Florida, 32811
 Phone: (407) 529 - 3000

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

PRE CAST LINTEL LAYOUT

WATERFALL
PARADISO GRANDE

6374
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 6374
 SHEET
13A.0
 OF SHEETS

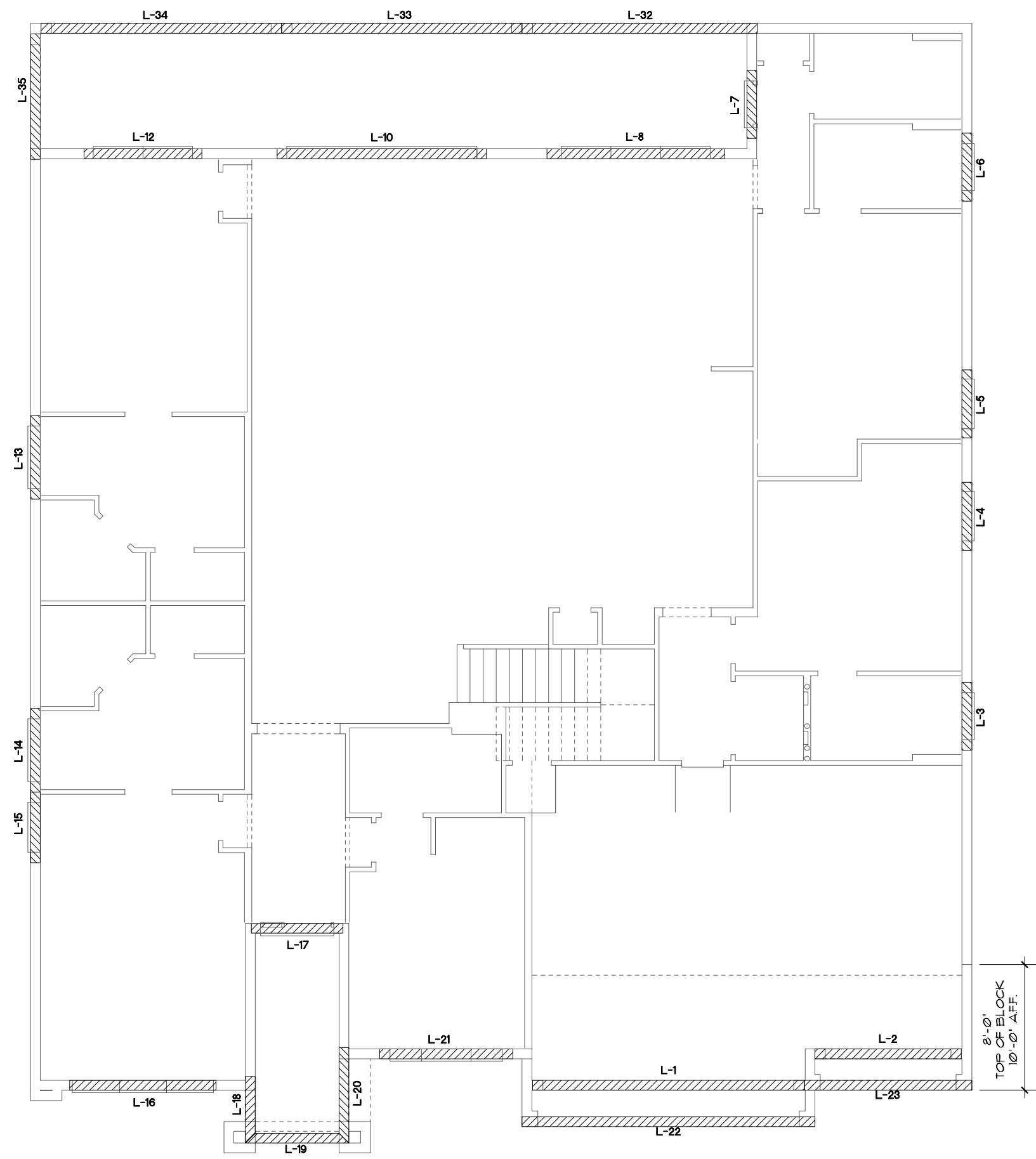


BLOCK WALL HT. TRANSITION DETAIL

| CAST CRETE / LOTT'S / WEKIVA / FLORIDA ROCK PRE CAST LINTEL SCHEDULE | | | |
|---|--------|-------------|----------------------------|
| LINTEL NO. | LENGTH | TYPE | COMMENTS |
| L-1 | 17'-4" | 8F30-1B/1T | GARAGE DOOR |
| L-2 | 9'-4" | 8F30-1B/1T | GARAGE DOOR |
| L-3 | 4'-6" | 8F36-0B/1T | 3/0X1/0 F.G. |
| L-4 | 4'-6" | 8F36-0B/1T | SH26 |
| L-5 | 4'-6" | 8F36-0B/1T | SH26 |
| L-6 | 4'-6" | 8F36-0B/1T | 3/0X1/0 F.G. |
| L-7 | 4'-4" | 8RF44-0B/1T | 2600 1-LITE DR. |
| L-8 | 11'-4" | 8F36-0B/1T | (3) SH26 |
| L-9 | | | |
| L-10 | 13'-4" | 8F48-0B/1T | 12/0X8/0 S.G.D. |
| L-11 | | | |
| L-12 | 7'-6" | 8F36-0B/1T | FR. SH26 |
| L-13 | 5'-4" | 8F36-0B/1T | 4/0X1/0 F.G. |
| L-14 | 5'-4" | 8F36-0B/1T | 4/0X1/0 F.G. |
| L-15 | 4'-6" | 8F36-0B/1T | SH26 |
| L-16 | 9'-4" | 8F36-0B/1T | (3) 3/0X6/0 F.G. |
| L-17 | 5'-10" | 8RF44-0B/1T | FRONT DOOR |
| L-18 | 3'-6" | 8F8-0B/1T | FRONT ENTRY |
| L-19 | 6'-6" | 8F8-0B/1T | FRONT ENTRY |
| L-20 | 5'-4" | 8F8-0B/1T | FRONT ENTRY |
| L-21 | 8'-6" | 8F36-0B/1T | (1) SH26, (2) 2/0X6/0 F.G. |
| L-22 | 18'-8" | 8F24-1B/1T | GARAGE ENTRY |
| L-23 | 10'-6" | 8F24-0B/1T | GARAGE ENTRY |
| L-24 | | | |
| L-25 | | | |
| L-26 | | | |
| L-27 | | | |
| L-28 | | | |
| L-29 | | | |
| L-30 | | | |
| L-31 | | | |
| L-32 | 15'-0" | 8F16-1B/1T | REAR LANAI |
| L-33 | 15'-4" | 8F16-1B/1T | REAR LANAI |
| L-34 | 15'-4" | 8F16-1B/1T | REAR LANAI |
| L-35 | 8'-0" | 8F16-1B/1T | 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)



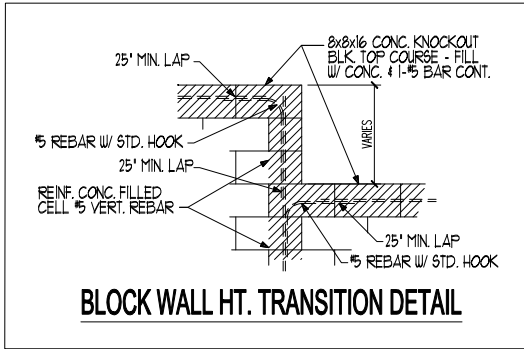
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| | | | |
|------------------------------|--|-------------------------------|---------------------------|
| Park Square HOMES | WATERFALL PARADISO GRANDE | PRE CAST LINTEL LAYOUT | PARADISO GRANDE |
| | 6374 | DATE 04-09-21 | SCALE AS NOTED |
| | DRAWN RDC | JOB 6374 | SHEET |
| | | | 13B.0 OF SHEETS |

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

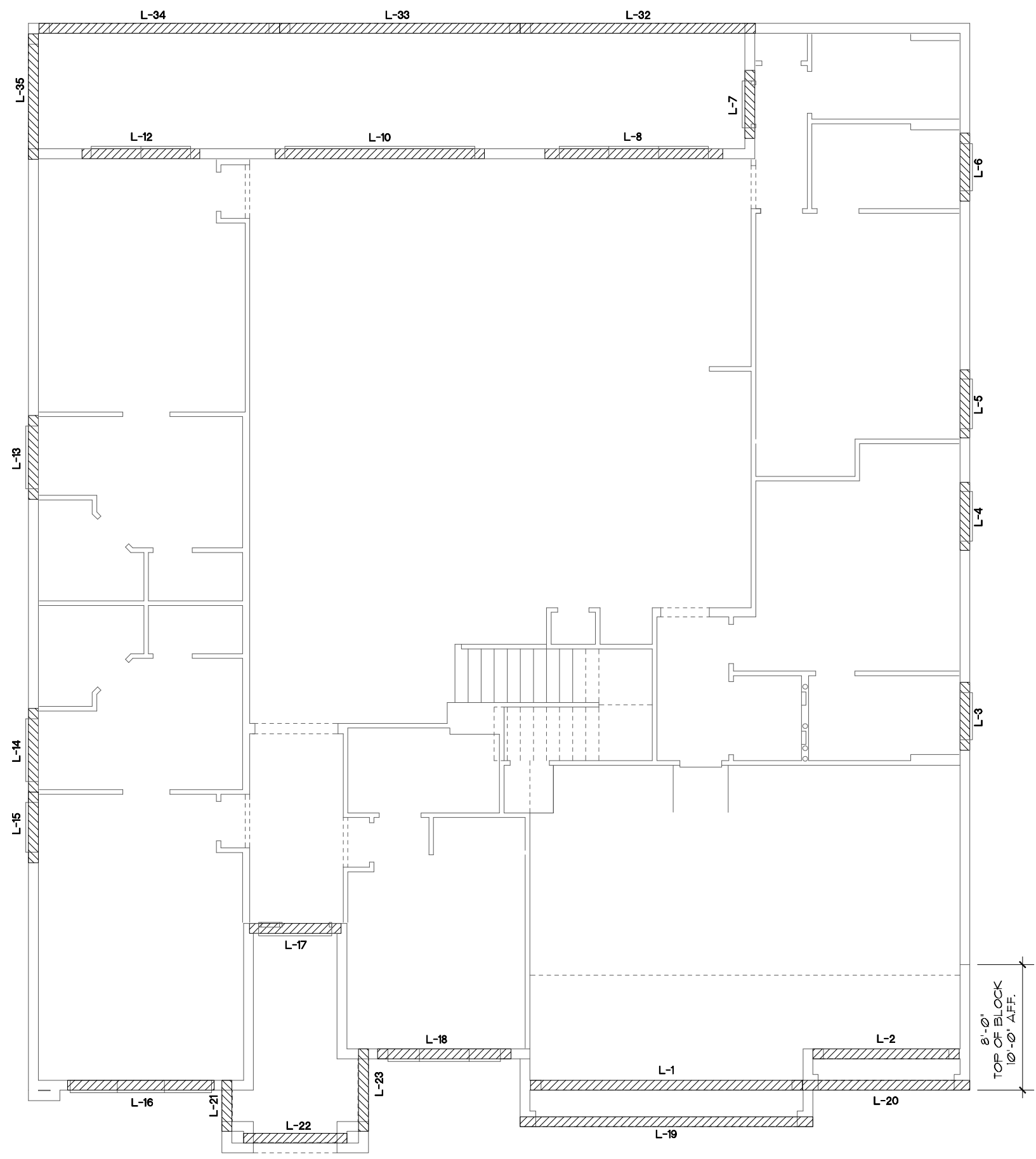
A DIVISION OF PARK SQUARE
 ENTERPRISES, INC.
 5200 Vineland Road, Suite 200
 Orlando, Florida, 32811
 Phone: (407) 529 - 3000



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

| LINTEL NO. | LENGTH | TYPE | COMMENTS |
|------------|--------|-------------|----------------------------|
| L-1 | 17'-4" | 8F30-1B/1T | GARAGE DOOR |
| L-2 | 9'-4" | 8F30-1B/1T | GARAGE DOOR |
| L-3 | 4'-6" | 8F36-0B/1T | 3/0X1/0 F.G. |
| L-4 | 4'-6" | 8F36-0B/1T | SH26 |
| L-5 | 4'-6" | 8F36-0B/1T | SH26 |
| L-6 | 4'-6" | 8F36-0B/1T | 3/0X1/0 F.G. |
| L-7 | 4'-4" | 8RF44-0B/1T | 2600 1-LITE DR. |
| L-8 | 11'-4" | 8F36-0B/1T | (3) SH26 |
| L-9 | | | |
| L-10 | 13'-4" | 8F48-0B/1T | 12/0X8/0 S.G.D. |
| L-11 | | | |
| L-12 | 7'-6" | 8F36-0B/1T | FR SH26 |
| L-13 | 5'-4" | 8F36-0B/1T | 4/0X1/0 F.G. |
| L-14 | 5'-4" | 8F36-0B/1T | 4/0X1/0 F.G. |
| L-15 | 4'-6" | 8F36-0B/1T | SH26 |
| L-16 | 9'-4" | 8F36-0B/1T | (3) 3/0X6/0 F.G. |
| L-17 | 5'-10" | 8RF44-0B/1T | FRONT DOOR |
| L-18 | 8'-6" | 8F36-0B/1T | (1) SH26, (2) 2/0X6/0 F.G. |
| L-19 | 18'-8" | 8F24-1B/1T | GARAGE ENTRY |
| L-20 | 10'-6" | 8F24-0B/1T | GARAGE ENTRY |
| L-21 | 3'-6" | 8F8-0B/1T | FRONT ENTRY |
| L-22 | 6'-6" | 8F8-0B/1T | FRONT ENTRY |
| L-23 | 5'-4" | 8F8-0B/1T | FRONT ENTRY |
| L-24 | | | |
| L-25 | | | |
| L-26 | | | |
| L-27 | | | |
| L-28 | | | |
| L-29 | | | |
| L-30 | | | |
| L-31 | | | |
| L-32 | 15'-0" | 8F16-1B/1T | REAR LANAI |
| L-33 | 15'-4" | 8F16-1B/1T | REAR LANAI |
| L-34 | 15'-4" | 8F16-1B/1T | REAR LANAI |
| L-35 | 8'-0" | 8F16-1B/1T | 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)



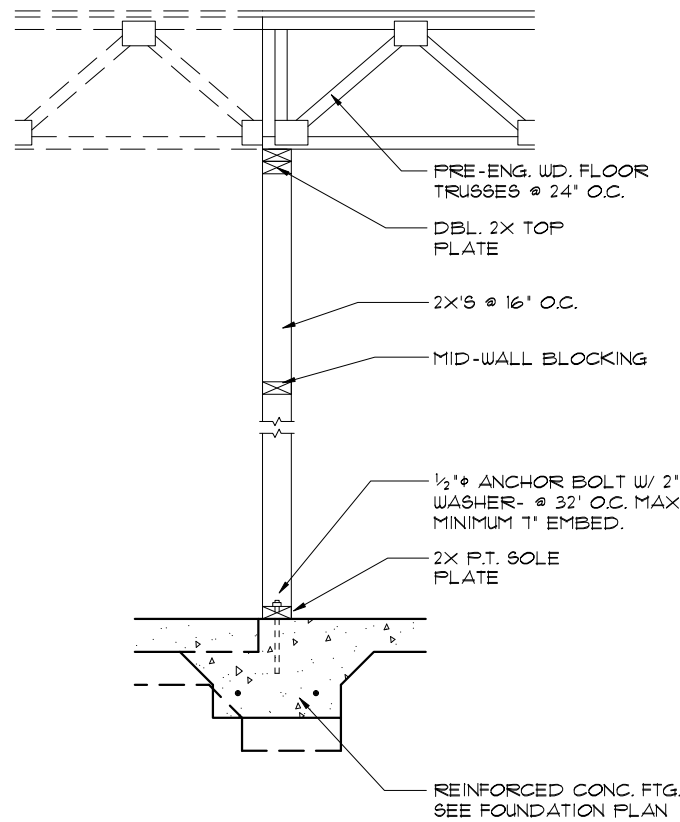
8'-0"
 TOP OF BLOCK
 10'-0" AFF.

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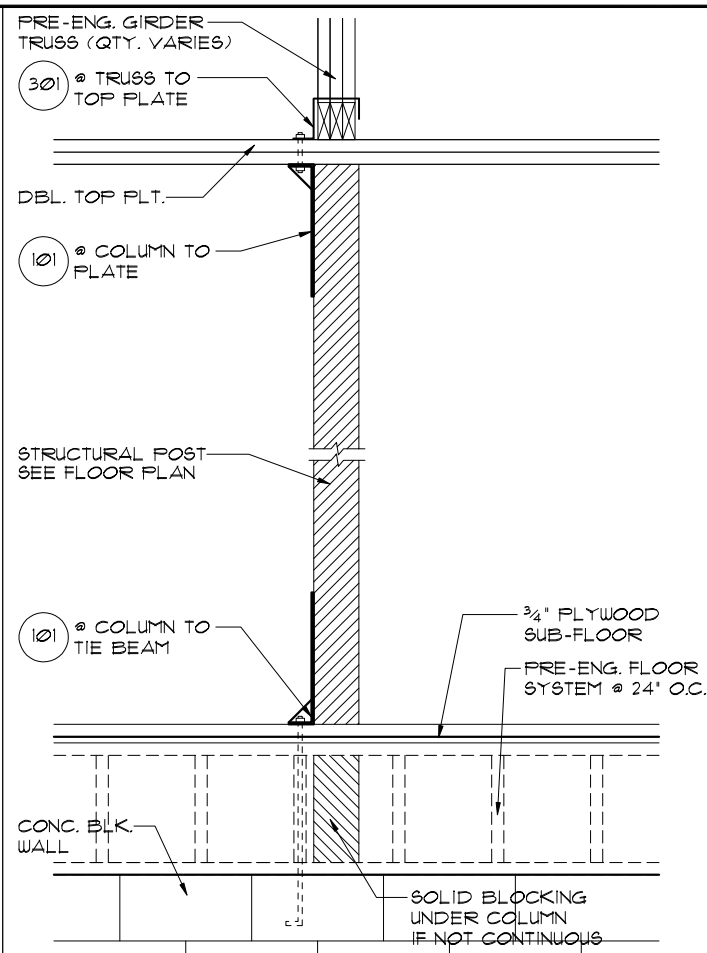
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| | | | |
|--|--|---|-----------------|
| WATERFALL PARADISO GRANDE | | PRE CAST LINTEL LAYOUT | |
| | | Engineering By: DBE and C MICHAEL A. THOMPSON PE 47509 PHONE 407-721-2292 | REVISIONS BY |
| 6374 | | DATE 04-09-21 | |
| SCALE AS NOTED | | DRAWN RDC | |
| JOB 6374 | | SHEET | |
| 13C.0 | | OF 6 SHEETS | |

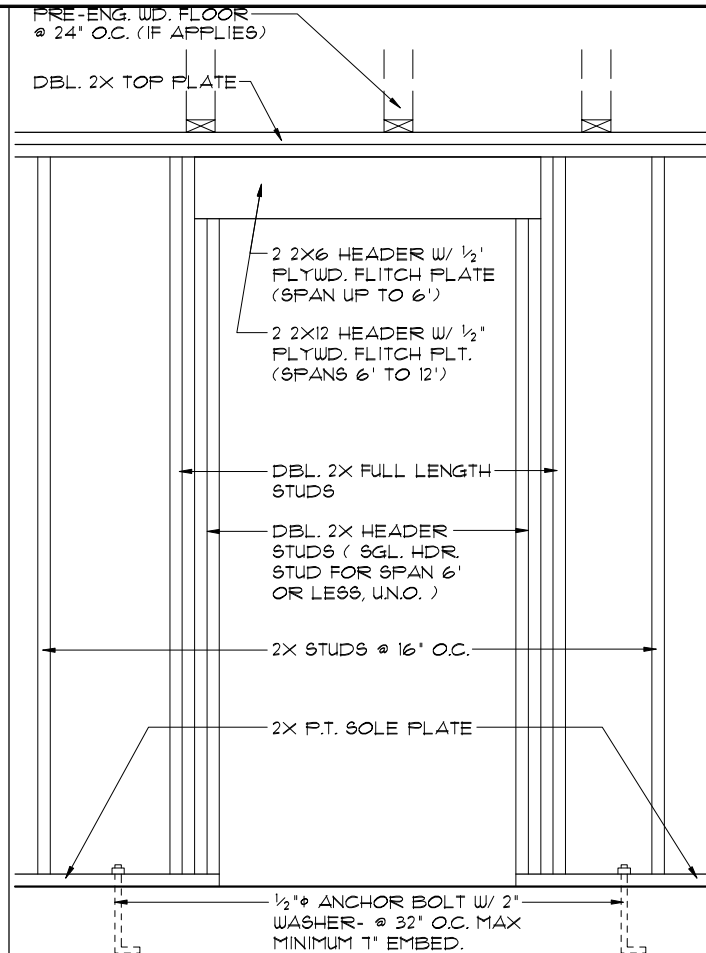
PARADISO GRANDE
 A DIVISION OF PARK SQUARE ENTERPRISES, INC.
 5200 Vineland Road, Suite 200
 Orlando, Florida 32811
 Phone: (407) 529 - 3000



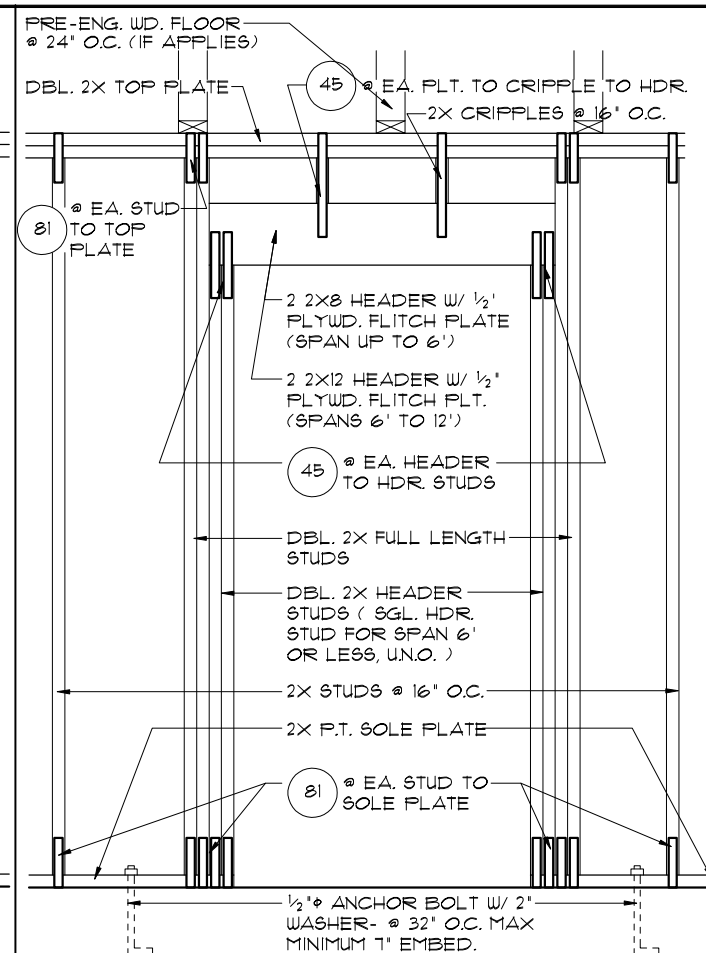
4 DETAIL
14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



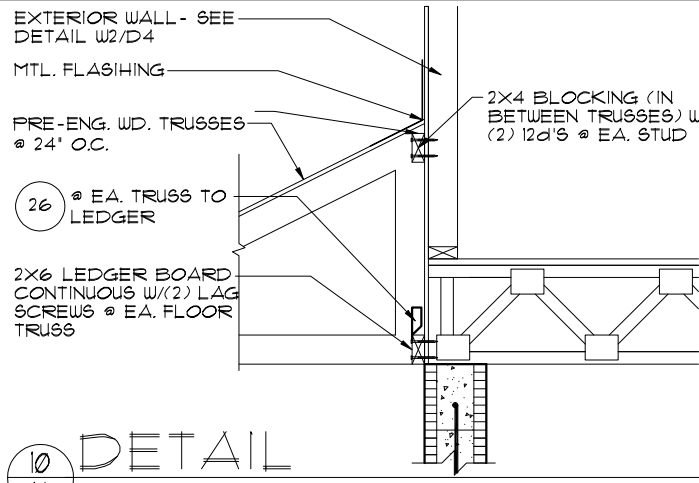
3 DETAIL
14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



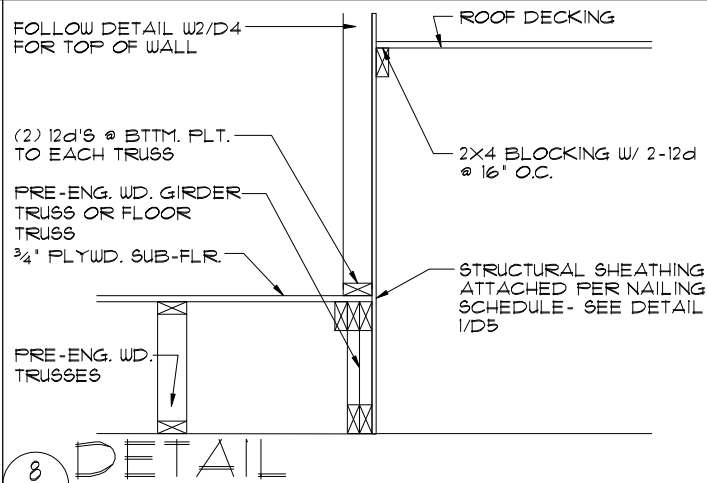
2 DETAIL (BRG. W/O UPLIFT)
14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



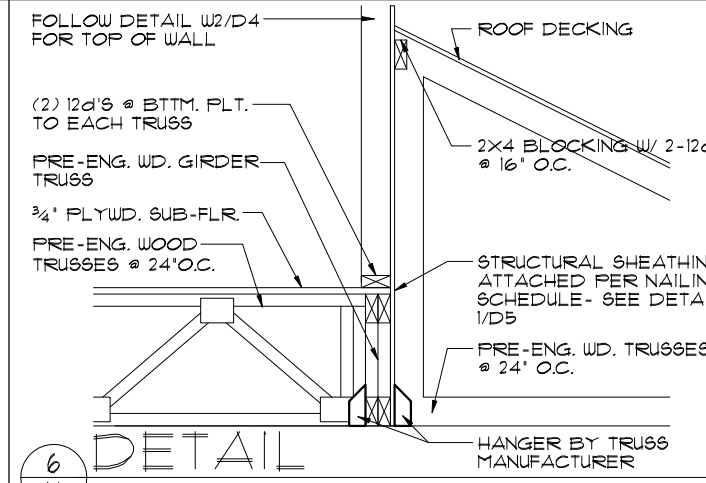
1 DETAIL (BRG. W/ UPLIFT)
14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



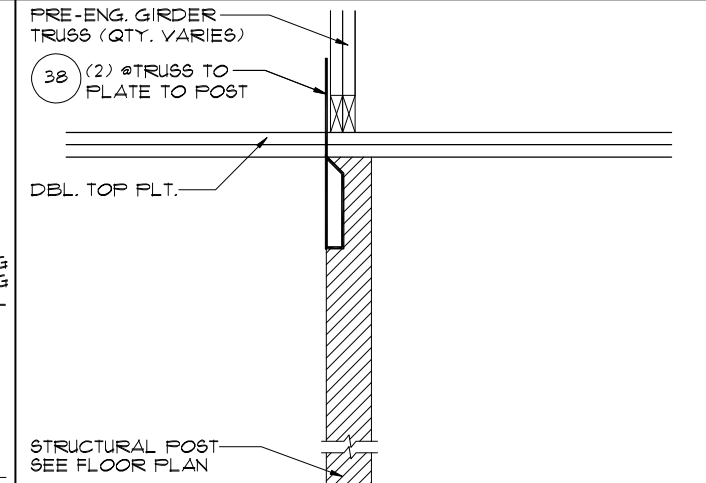
10 DETAIL
14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



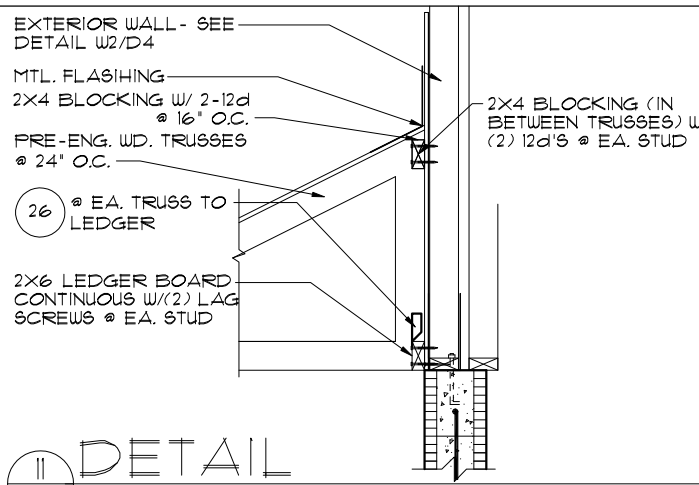
8 DETAIL
14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



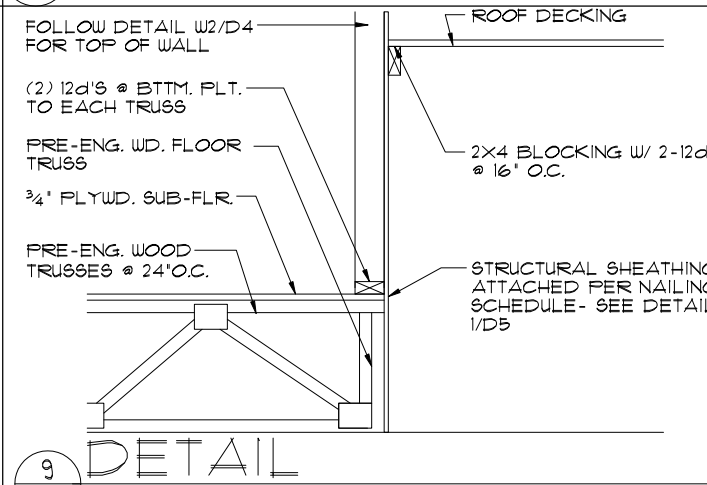
6 DETAIL
14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



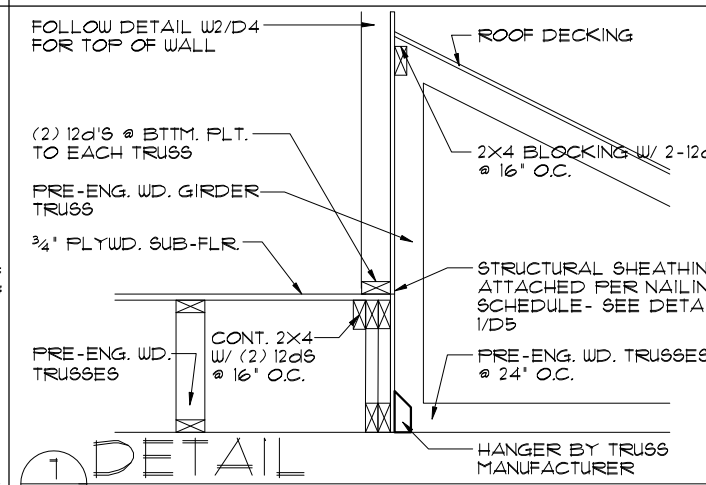
5 DETAIL
14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



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



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



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

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

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

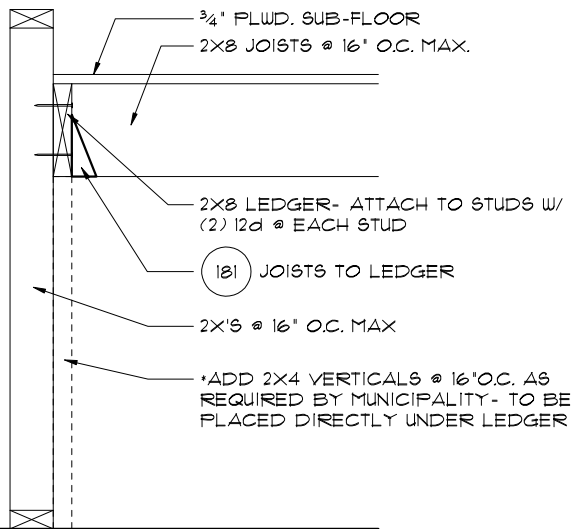
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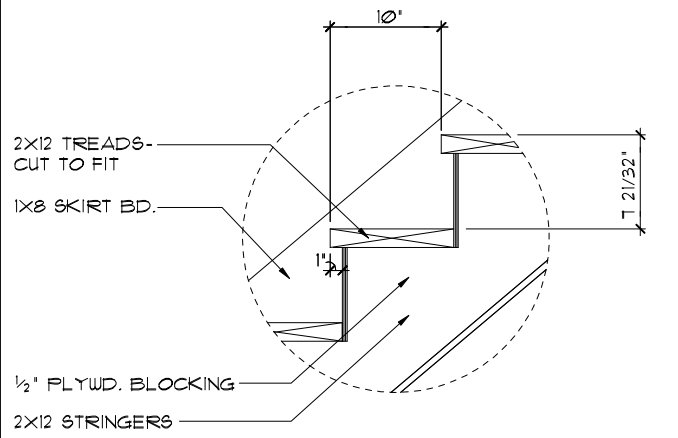
TYPICAL DETAILS

WATERFALL
 PARADISO GRANDE

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

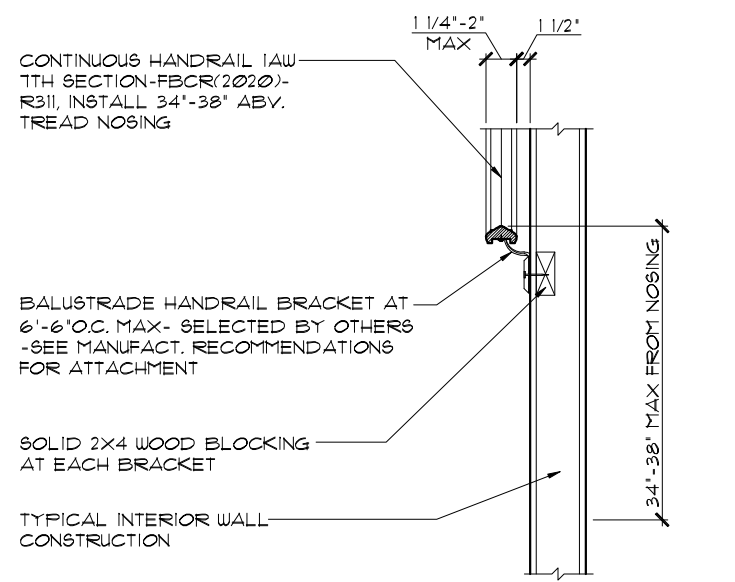


4 TYP. STAIR CONNECT.
 3/4" = 1'-0" (11X17) 1/2" = 1'-0" (22"X34") PLATFORM FRAMING

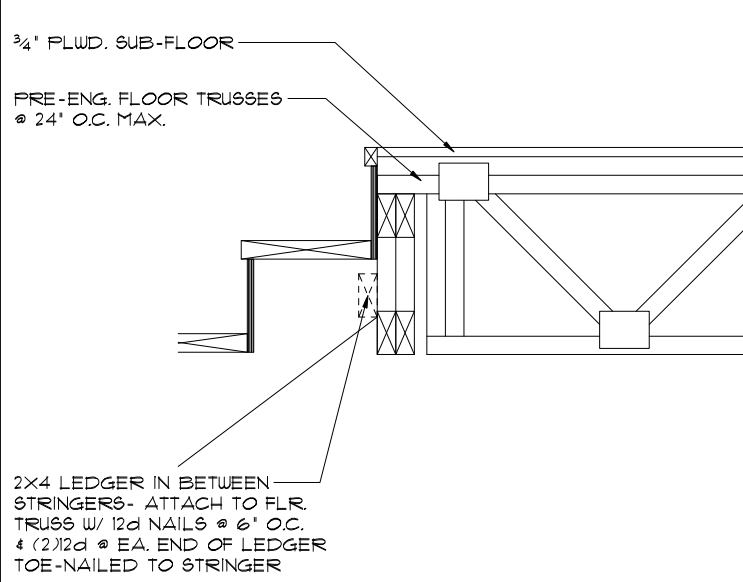


DATA: TOTAL RISE: 13'-8 3/4" (22 RISERS @ 7.49' EA.)
 TOTAL RUN: 17'-6" (21 TREADS @ 10' EA.)

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



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



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

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

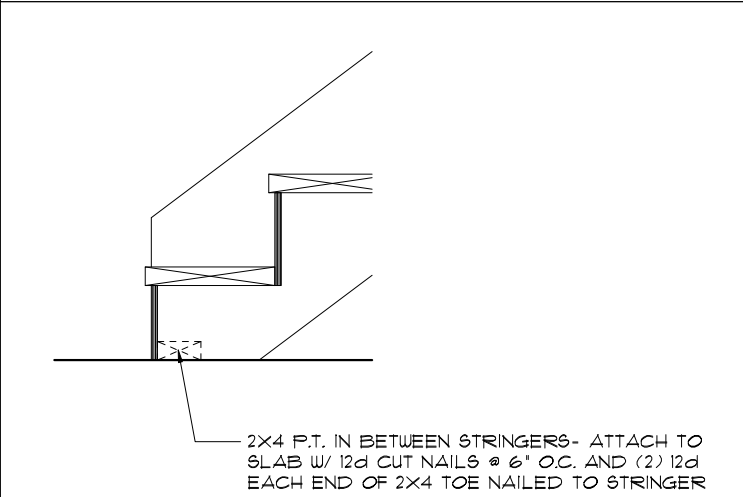
MAX. HGT. OF RISER TO BE 7 3/4"
 MIN. WIDTH OF TREAD TO BE 9" (EXCLUSIVE OF NOSING)
 ALL TREADS LESS THAN 10" IN WIDTH SHALL HAVE APPROX. 1" OF NOSING
 3/16" MAX. VARIATION IN RISERS/TREADS ADJACENT TO EACH OTHER
 3/8" MAX. VARIATION IN ANY RISER/TREAD

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

WINDERS: MIN. 6" WIDE @ NARROW END

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

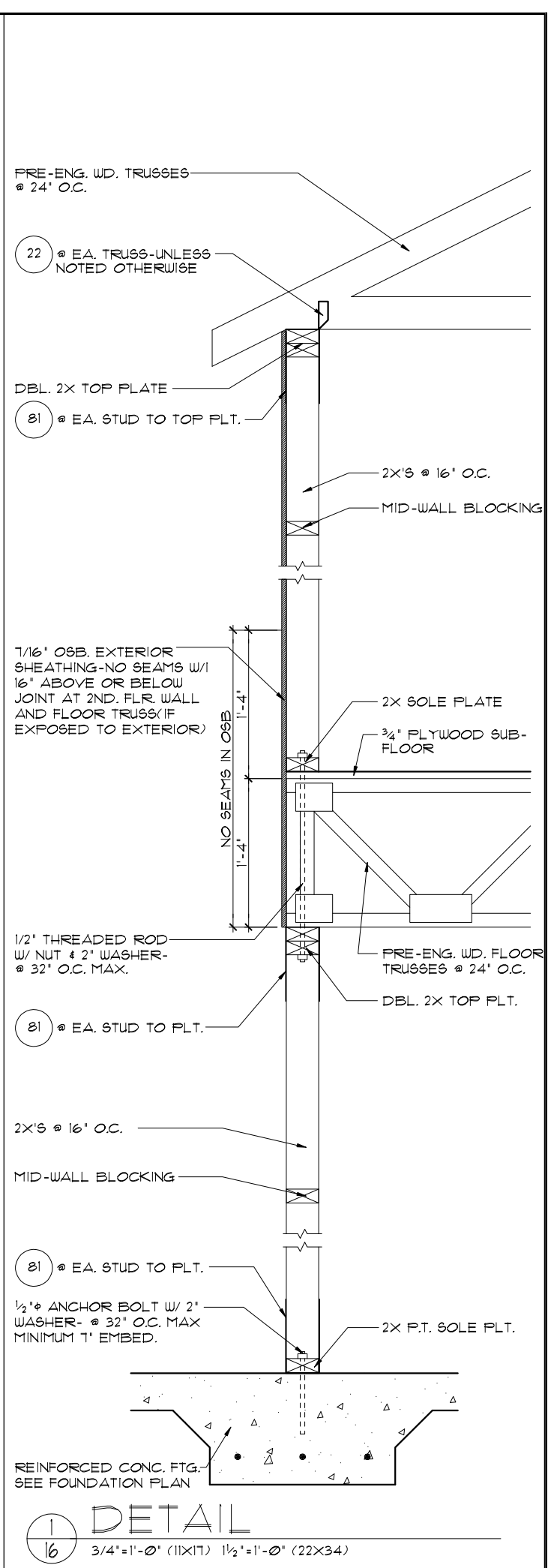
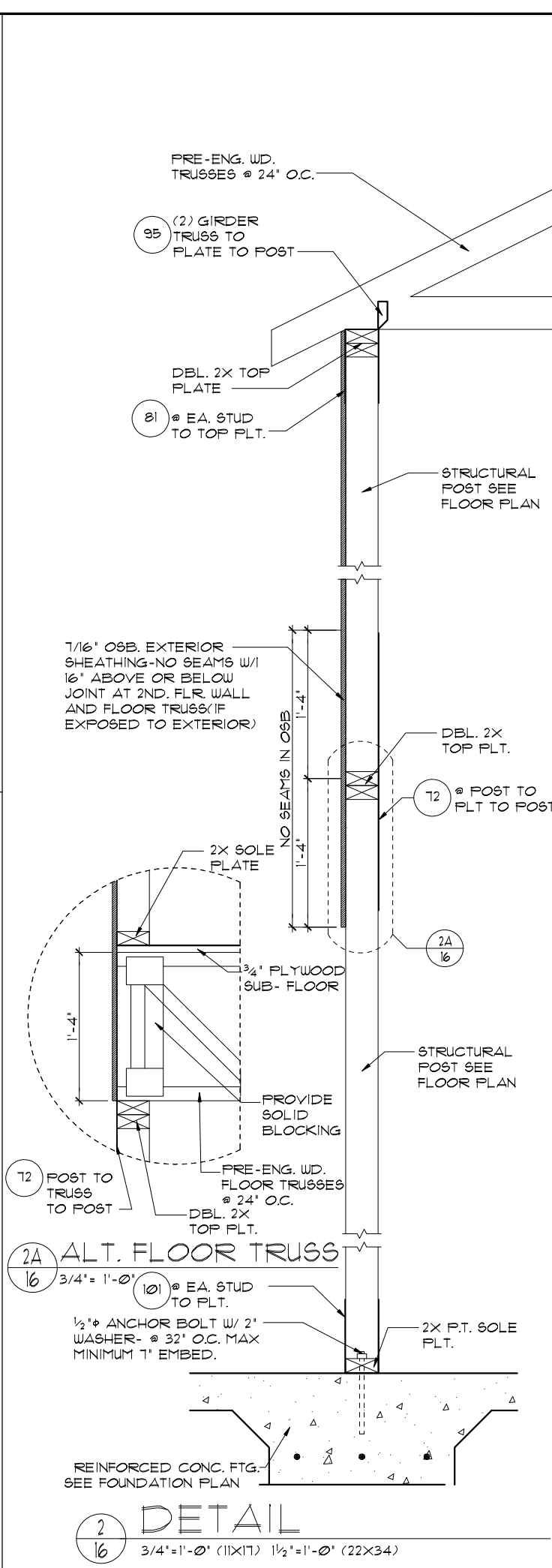
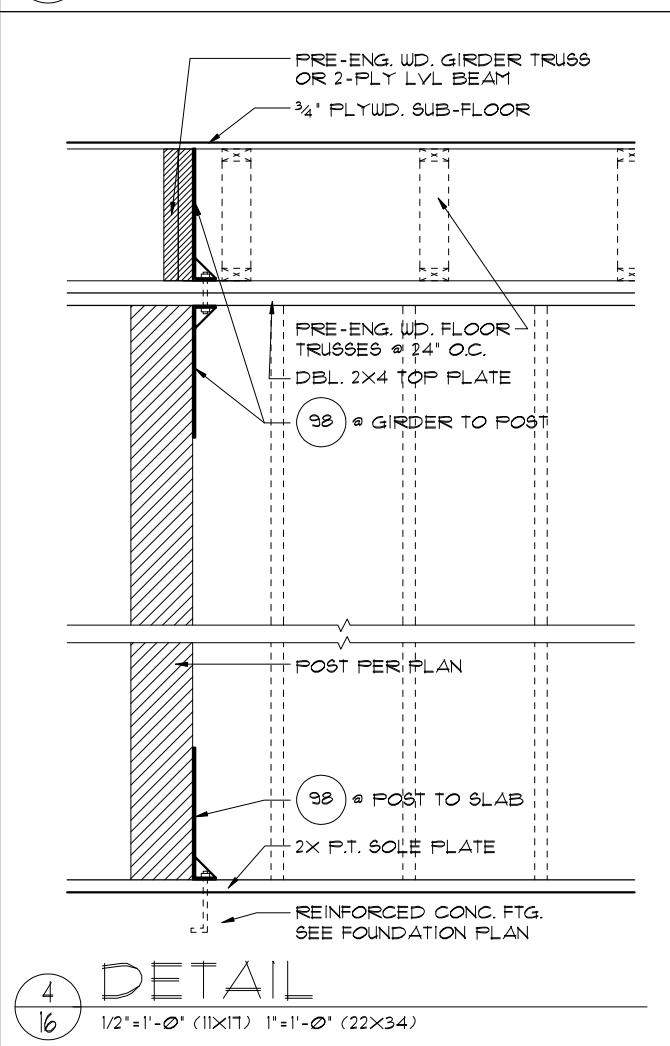
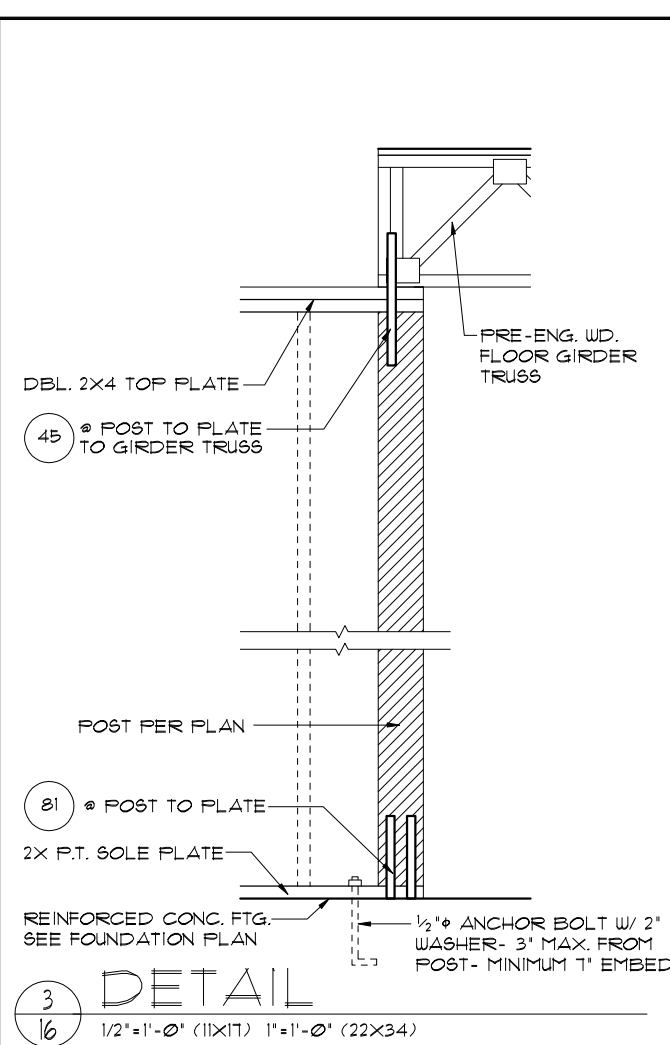
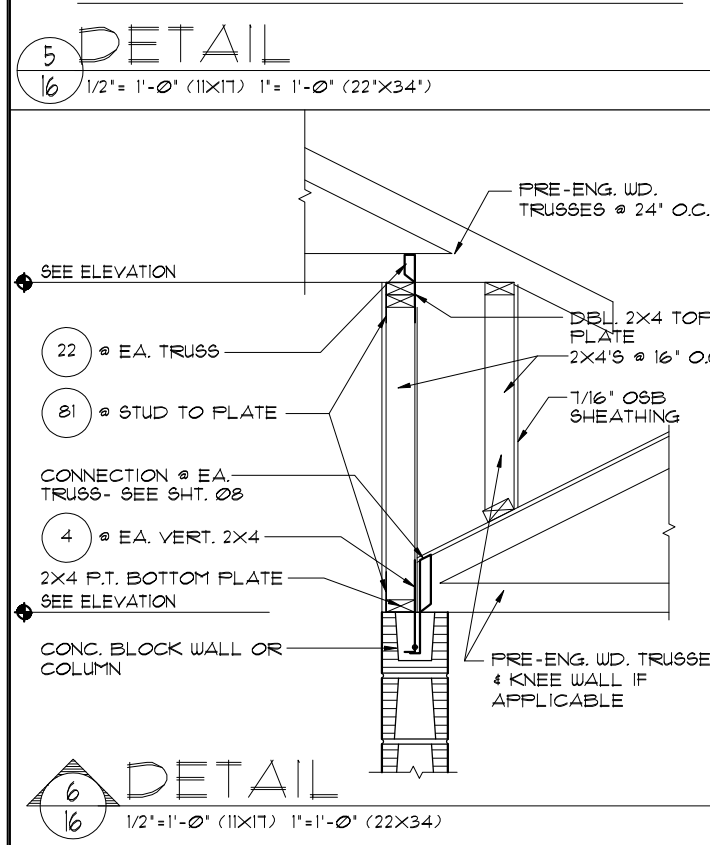
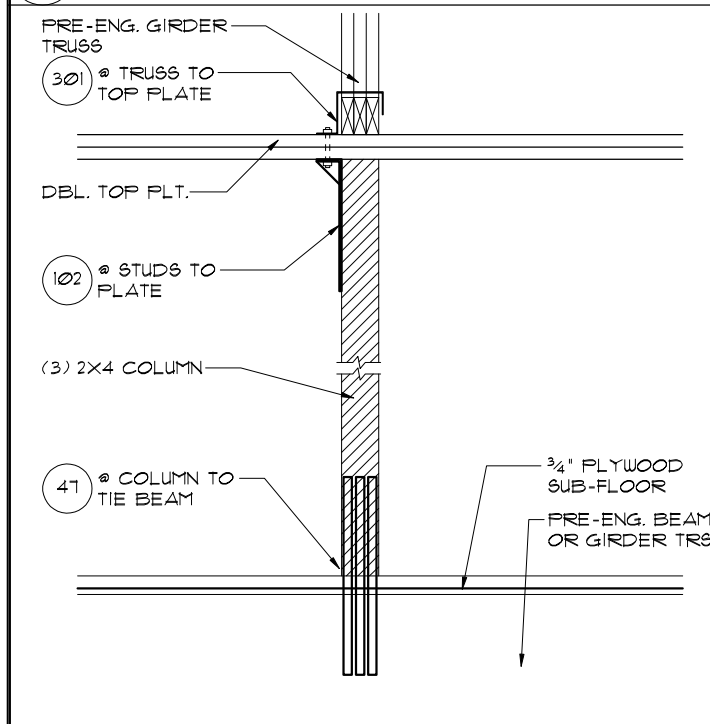
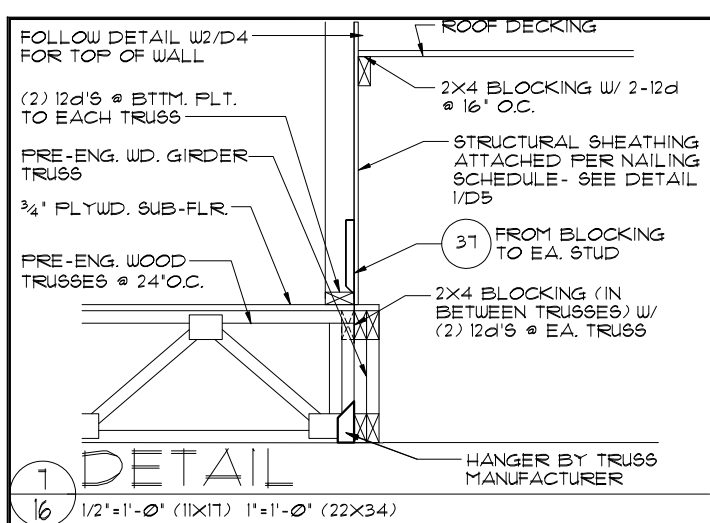
HEADROOM CLEARANCE MIN. 6'-8"



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

| CONNECTOR SCHEDULE | | | | | | |
|--------------------|--|--|-------------|---|-------------|-------------------|
| CONNECT. TYPE | SIMPSON | | USP | | MAX. UPLIFT | LAT. LDS. FI / F2 |
| | DESCRIPTION | FASTENERS PER CONNECTOR | DESCRIPTION | FASTENERS PER CONNECTOR | | |
| 4 | HETA20 | 14-10d x 1 1/2" | ETA20 | 14-10d | 1,810 | 65 / 960 |
| 5 | DETAL20 | 18-10d x 1 1/2" | N/A | N/A | 2,480 | 2000 / 1370 |
| 20 | H3 | RFT: 4-8d / PLT: 4-8d | RT3 | RFT: 4-8d / PLT: 4-8d | 365 | 125 / 160 |
| 21 | H1 | RFT: 6-8dx1 1/2" / PLT: 4-8d | RT15 | RFT: 5-8dx1 1/2" / PLT: 5-8d | 425 | 485 / 165 |
| 22 | H10A | RFT: (9) 10d x 1 1/2" | RT16 | RFT: 8-8d x 1 1/2" | 1015 | 585 / 525 |
| 23 | LUS26 | HDR: 4-10d / JST: 4-10d | JUS26 | HDR: 4-10d / JST: 4-10d | 935 | N/A |
| 24 | H7Z | PLT / STD: (2) 8dx1 1/2" (8) 8D | RT20 | RFT / TRS: 9-10d | 715 | 400 / N/A |
| 26 | H25A | RFT: 5-8d / PLT: 5-8d | RT1 | RFT: 5-8d / PLT: 5-8d | 535 | 150 / 150 |
| 34 | A34 | H: 4-8dx1 1/2" / P: 4-8dx1 1/2" | MP34 | H: 4-8dx1 1/2" / P: 4-8dx1 1/2" | 365 | 280 / 303 |
| 35 | A35 | H: 4-8dx1 1/2" / P: 4-8dx1 1/2" | MFAIF | H: 6-8dx1 1/2" / P: 6-8dx1 1/2" | 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 | SF1 | STD: 6-10d / PLT: 4-10d | SPT22 | STD: 4-10d / PLT: 4-10d | 535 | 560 / 260 |
| 80 | SF2 | STD: 6-10d / PLT: 6-10d | SPT224 | STD: 6-10d / PLT: 6-10d | 605 | 560 / 260 |
| 81 | SPH468 | 12-10d x 1 1/2" | TF468 | 12-10d x 1 1/2" | 550 | N/A |
| 90 | ABU66Z | 12-16d | PAU66 | 12-16d | 1,640 | N/A |
| 89 | CB66 | (2) 5/8" 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: 1/8" BOLT STUD: (3) 1/8" X 5 1/2" BOLTS | HH8A | SILL: 1/8" BOLT STUD: (3) 1/8" X 5 1/2" BOLTS | 7,910 | N/A |
| 99 | A35 | H: 4-8dx1 1/2" / P: 4-8dx1 1/2" | MPA1 | H: 6-8dx1 1/2" / P: 6-8dx1 1/2" | 440 | 440 / N/A |
| 98-101 | HTT4 | 5/8" BOLT / 18-16dx2 1/2" | N/A | N/A | 3,640 | N/A |
| 97-100-102 | HTT5 | 5/8" BOLT / 26-10d | N/A | N/A | 4,275 | N/A |
| 103 | VGTR/L | 32-SDS 1/4" X 3" (2) 5/8" BLT | N/A | N/A | 3,990 | N/A |
| 104 | HDU8-SDS25 | 7/8" BLT / 20-SDS 1/4" X 2 1/2" | N/A | N/A | 5,020 | N/A |
| 110 | HCP2 | 12-10d x 1 1/2" | HHCP2 | 20-10d x 1 1/2" | 520 | 260 / N/A |
| 167 | HHUS46 | H: 14-16d / J: 6-16d | THD46 | H: 8-18d / J: 12-10d | 1,550 | N/A |
| 168 | U46 | H: 8-10d / J: 4-10d | SUH46 | H: 8-16d / J: 4-16d | 710 | N/A |
| 181 | HUS26 | 20-16d | THD26 | H: 20-16d / J: 10-10d | 1,550 | N/A |
| 184 | HHUS28-2 | G: 28-16d / T: 8-16d | EHUH28-2 | 12-16d | 2,000 | N/A |
| 214 | HUC212-3TF | HD: 16-3/16" X 1 1/2" TAPCON BM: 6-16d | HDO212-3 | HD: 18-3/16" X 1 1/2" TAPCON BM: 6-10d | 1,135 | N/A |
| 215 | HGUS210-2 | HDR: 46-16d / JST: 10-16d | EHUH210-2 | HDR: 40-16d / JST: 16-10d | 2,720 | N/A |
| 216 | HUS412 | BLOCK: 10-1/4" X 1 1/2" TC JOIST: 10-16d | HUS412 | BLOCK: 10-1/4" X 1 1/2" TC JOIST: 10-16d | 3,240 | N/A |
| 217 | HUS212-2 | BLOCK: 10-1/4" X 1 1/2" TC JOIST: 10-16d | HUS212-2 | BLOCK: 10-1/4" X 1 1/2" TC JOIST: 10-16d | 2,630 | N/A |
| 219 | MBHA412 | H: 1-ATR 3/4" X 8 TOP FACE JOIST: 18-10d | NFM35X12U | H: 1-1/2" J-BOLT J: 5-1/2" BOLTS | 3,145 | N/A |
| 220 | N/A | N/A | NFM 3X12 | BLK: 1/2" X J / JST: 14-10d | 1,620 | N/A |
| 226 | MBHA4.75/12 | HDR: (2) 3/4" X 8" JOIST: 18-10d | NFM45U | HDR: MIN. 1/2" X J BOLT JOIST: (5) 1/2" X BOLTS | 2,160 | N/A |
| 231 | MBHA3.56/16 | HDR: (2) 3/4" X 8" JOIST: 18-10d | NFM35X16U | HDR: MIN. 1/2" X J-BOLTS JOIST: (5) 1/2" X BOLTS | 3,450 | N/A |
| 232 | MBHA5.50/16 | HDR: (2) 3/4" X 8" JOIST: 18-10d | NFM55X16U | HDR: MIN. 1/2" X J-BOLTS JOIST: (5) 1/2" X BOLTS | 3,450 | N/A |
| 240 | H15 | R: 4-10dx1 1/2" / P: 4-10dx1 1/2" | N/A | N/A | 1,300 | 480 / N/A |
| 241 | LGT2 | 30-16d-sinker | LUGT2 | 32-10d | 2,000 | 1015 / 440 |
| 301 | MGT | (1) 5/8" BLTS / GIR: 22-10d | N/A | N/A | 3,965 | N/A |
| 302 | HGT-2 or 3 | LTL: 3/4" BLTS / GIR: 8-10d | USC63 | LTL: 3/4" BLTS / GIR: 8-16d | 6,485 | N/A |
| 303 | HGT-4 | LTL: 3/4" BLTS / GIR: 16-10d | N/A | N/A | 9,250 | N/A |
| 401 | SUR/L414 | FACE: 18-16d / JST: 8-16d | N/A | N/A | 1,700 | N/A |
| T | CONNECTORS TO BE SPECIFIED AND PROVIDED BY TRUSS MANUFACTURERS | | | | | |

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 PARADISO GRANDE
 Engineering By: DBE and C
 MICHAEL A. THOMPSON
 PE 47509
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 A DIVISION OF PARK SQUARE ENTERPRISES, INC.
 5200 Vlneland Road, Suite 200
 Orlando, Florida, 32811
 Phone: (407) 529 - 3000
 Park Square Homes
 TYPICAL DETAILS / CONNECTOR SCHEDULE
 WATERFALL
 PARADISO GRANDE
 6374
 DATE 04-09-21
 SCALE AS NOTED
 DRAWN RDC
 JOB 6374
 SHEET 15 OF SHEETS



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Engineering By:
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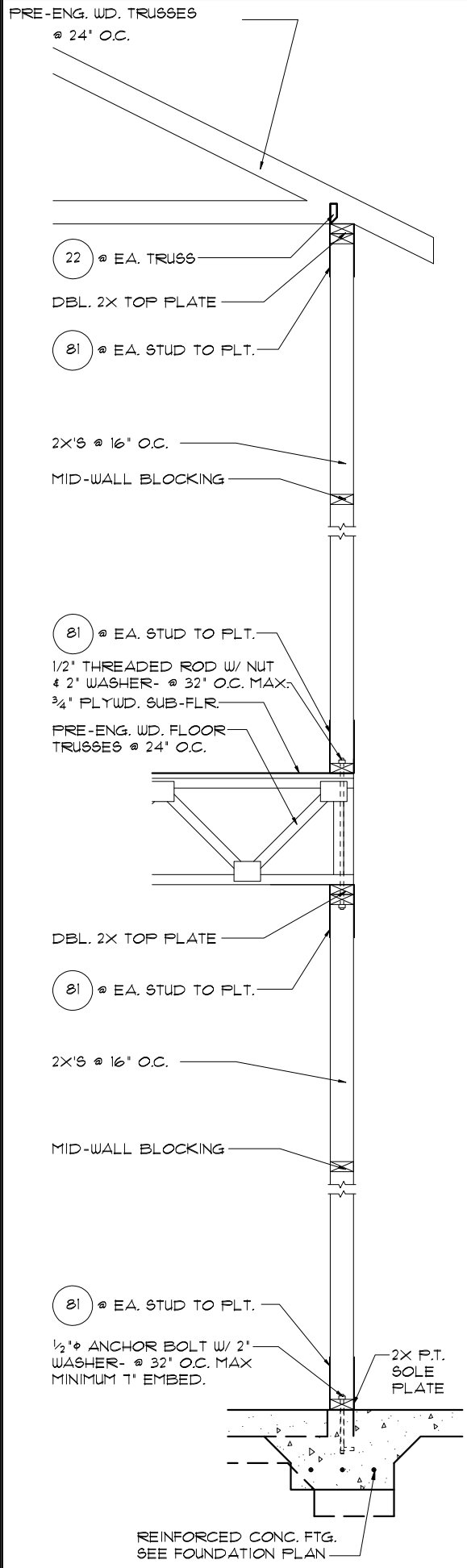
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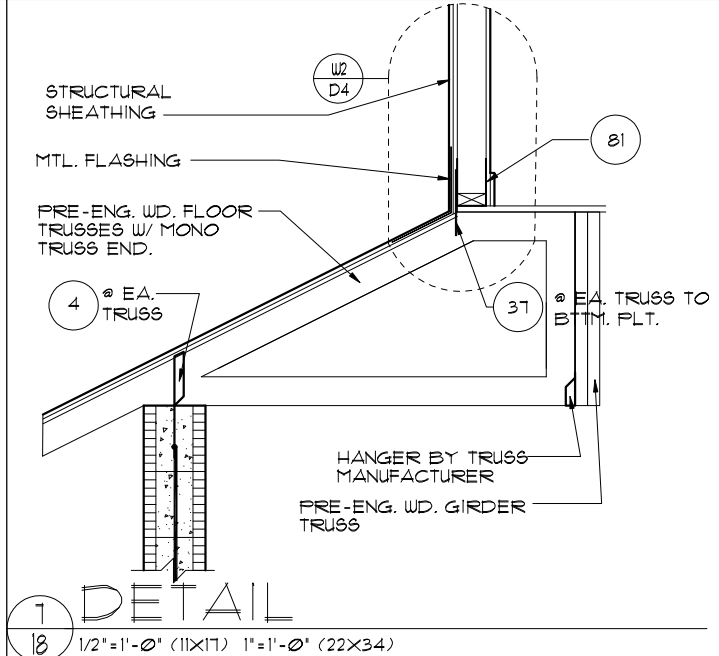
TYPICAL DETAILS

WATERFALL
 PARADISO GRANDE

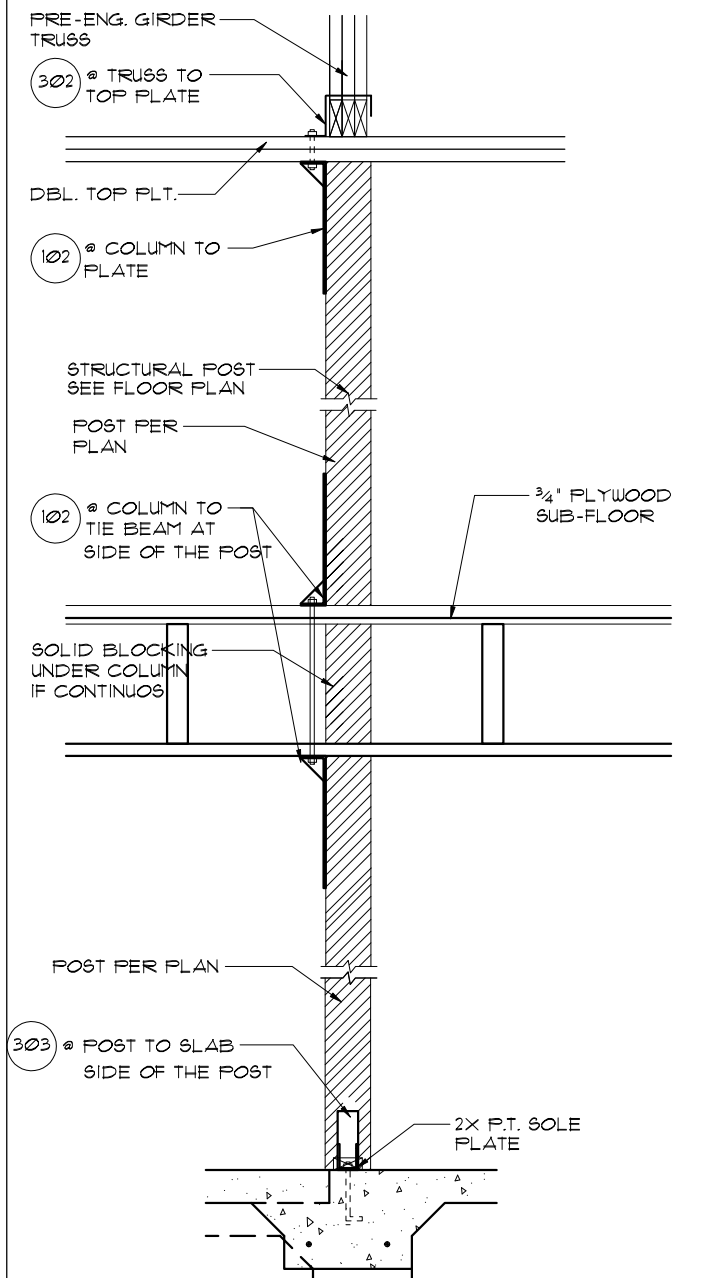
6374
 DATE 04-09-21
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 JOB 6374
 SHEET
 16
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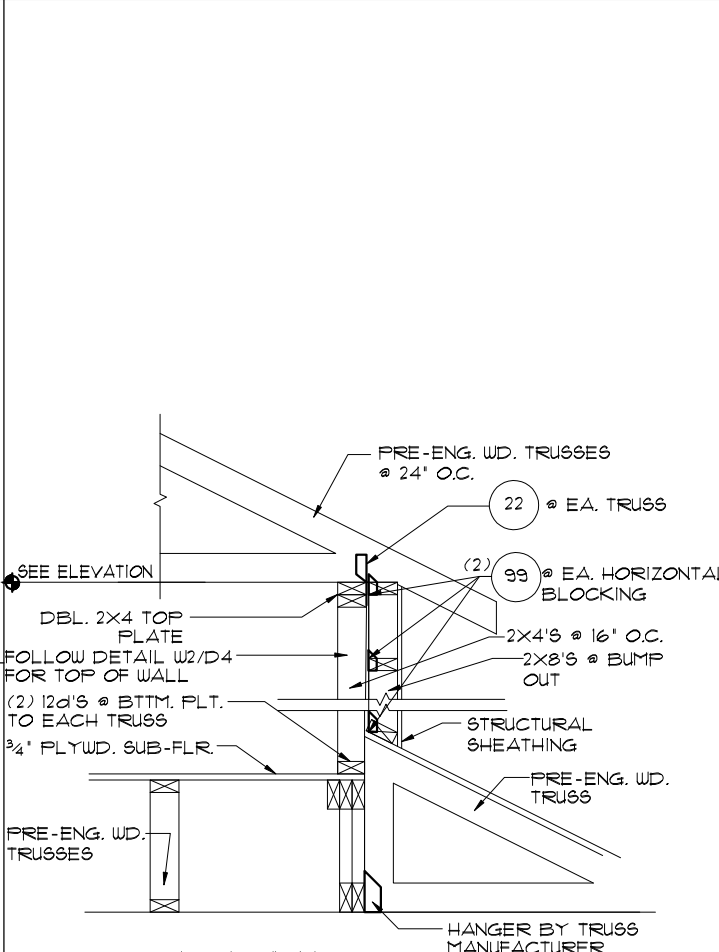
5
18 1/2"=1'-0" (11X17) 1"=1'-0" (22'X34')



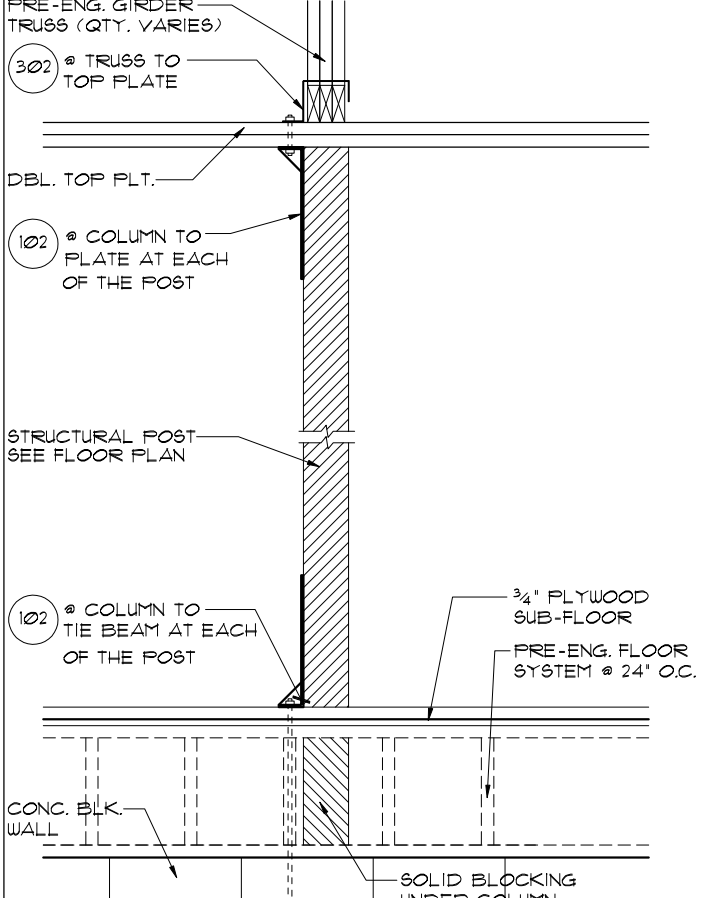
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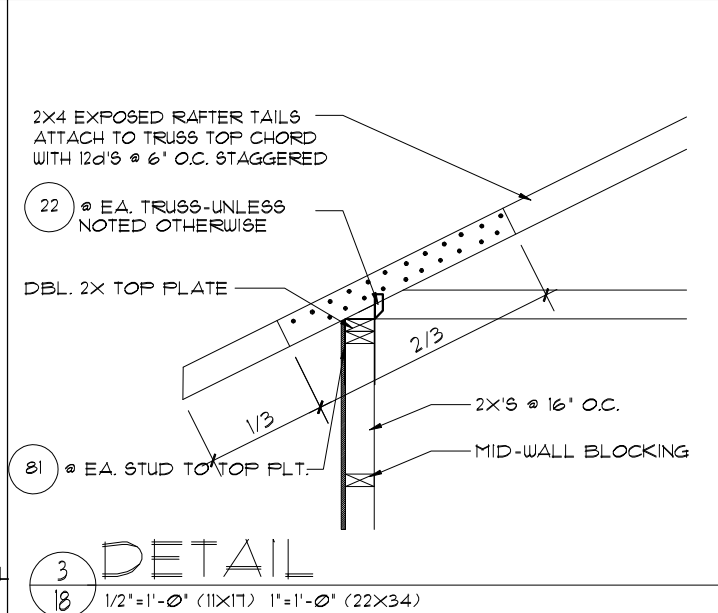
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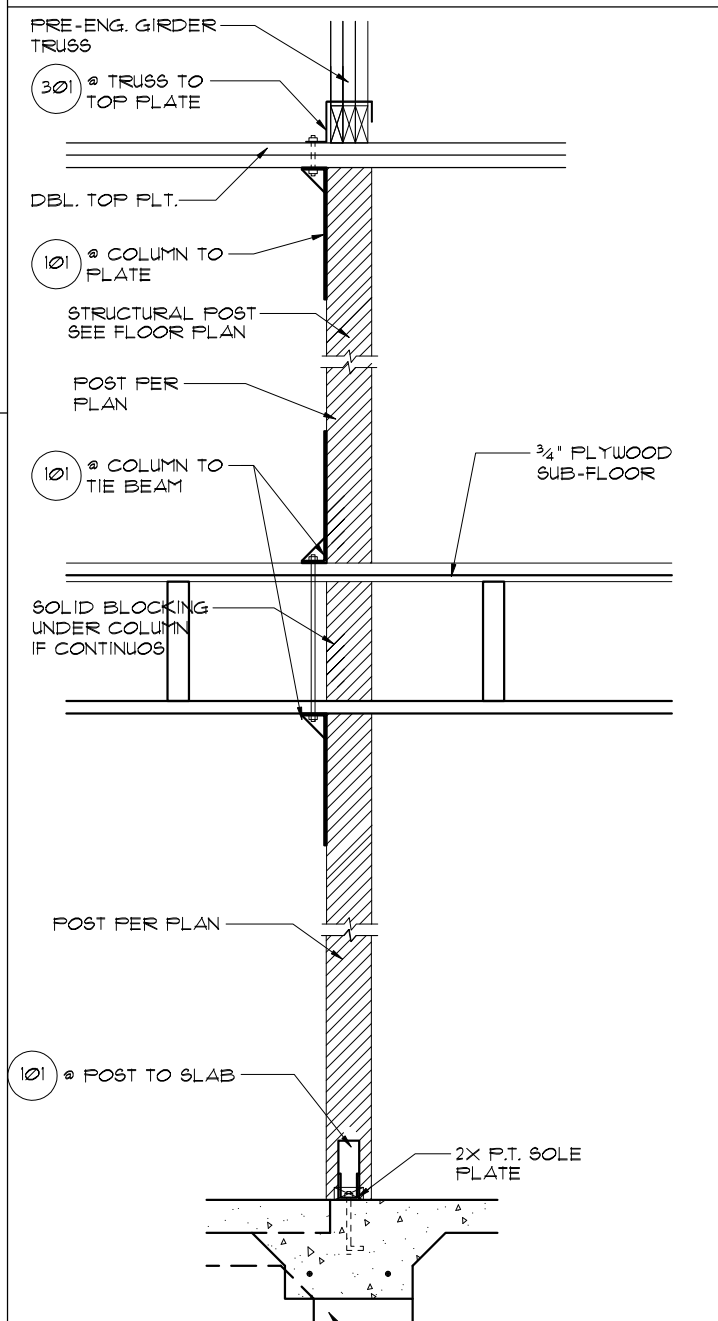
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2
18 1/2"=1'-0" (11X17) 1"=1'-0" (22'X34')



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



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

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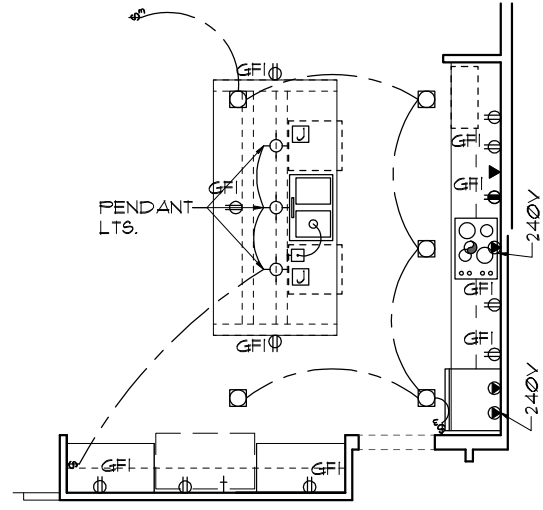
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PRE CAST LINTEL DATA / STRUCTURAL DETAILS

WATERFALL PARADISO GRANDE

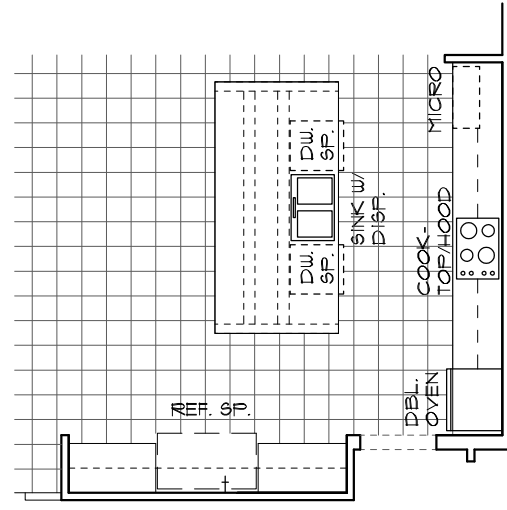
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DATE 04-09-21
SCALE AS NOTED
DRAWN RDC
JOB 6374
SHEET 18 OF 18 SHEETS



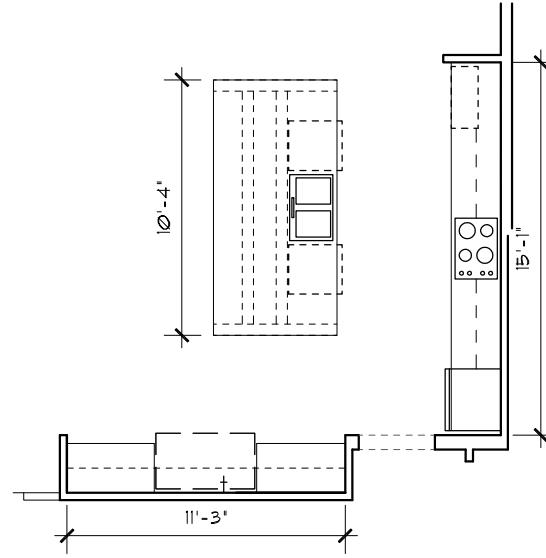
ELECTRICAL PLAN

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



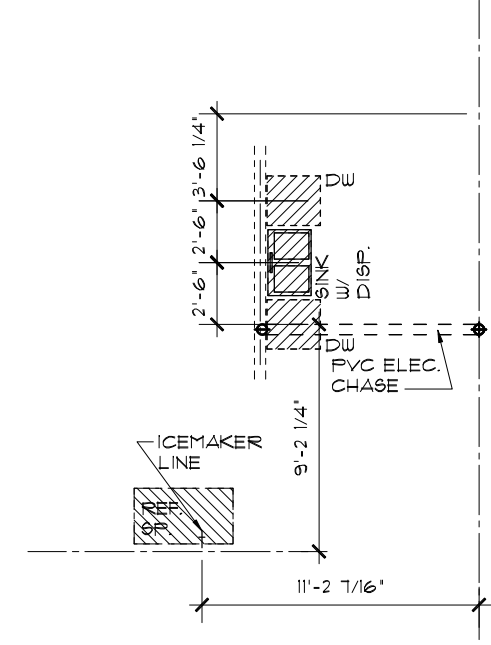
FLOOR PLAN W/ NOTES

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



FLOOR PLAN W/ DIMENSIONS

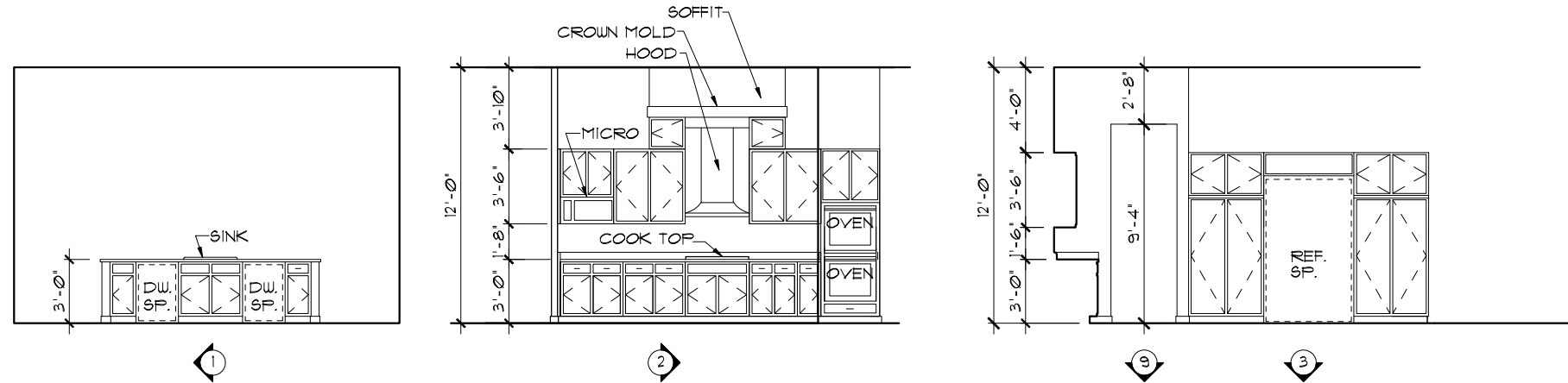
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



FOUNDATION PLAN

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

GOURMET OPTION 1



INTERIOR ELEVATIONS

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

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OPTIONAL KITCHEN

WATERFALL

PARADISO GRANDE

6374

DATE 04-09-21

SCALE AS NOTED

DRAWN RDC

JOB 6374

SHEET

19

OF SHEETS

| REVISIONS | BY |
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