# 4843 (A,B,C) SANDALWOOD II PARADISO GRANDE

40' X 73'-4"

|            |          | REVISION SCHEDULE                            |   |
|------------|----------|--|---|
| NO.        | DATE     | DESCRIPTION                                  | E |
|            | Ø4-Ø9-21 | -THESE PLANS CREATED USING 4831 SAN CLEMENTE | Г |
|            |          | PLANS DATED 03-04-21 PROVIDED BY PSH         | Ľ |
| $\wedge$   | 06-25-21 | -REVISED 2ND FLOOR EXTERIOR FINISH FROM      | ŀ |
|            | 00-20-21 | STUCCO TO SMOOTH PANEL BOARD                 | Ľ |
|            | ·        | -REVISE ALL ARCH SOFFITS TO FLAT             |   |
|            |          | -CODE UPDATED TO FBCR 2020, TTH ED.          |   |
|            |          | 4 NEC 2017                                   |   |
|            |          | -INTERIOR DOORS CHANGED TO 6/8 ILO 8/0       |   |
| <u>/2\</u> | 11-16-21 | 1ST FLOOR ONLY                               | F |
|            |          | -CHANGED WET BAR TO OPT.                     |   |
| <u>\</u>   | Ø8/25/23 | -ADD TILE TO MASTER CLOSETS                  | , |

| SHEET      | NDEX- 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                  |
| 00.0       | ELECTRICAL PLAN  |
| 10         | UPPER ELECTRICAL PLAN                                  |
| 1          | TRUSS LAYOUT   |
| 12A.0      | UPPER TRUSS LAYOUT                                     |
|            | PRECAST LINTEL LAYOUT                                  |
|            | TYPICAL DETAILS/CONNECTOR SCHEDULE                     |
|            | TYPICAL DETAILS  |
|            | TYPICAL DETAILS  |
| 1          | TYPICAL DETAILS  |
| 18         | TYPICAL DETAILS  |
| D1 D2      | TYPICAL STRUCTURAL DETAILS  TYPICAL STRUCTURAL DETAILS |
|            | TYPICAL STRUCTURAL DETAILS                             |
| D3<br>  D4 | TYPICAL STRUCTURAL DETAILS                             |
| D5         | TYPICAL STRUCTURAL DETAILS                             |
| D6         | SOFFIT DETAILS   |
|            |  |
| OXO.0      | EXTENDED FAMILY OPTION                                 |
|            |  |

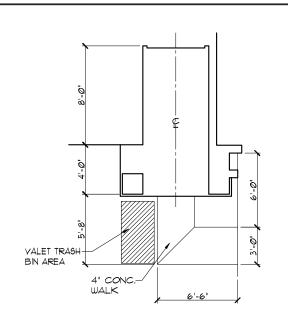
| SHEET | INDEX- ELEVATION "B"                  |
|-------|---------------------------------------|
| 00    | COVER SHEET                           |
| 01B.0 | FOUNDATION PLAN                       |
| 02B.0 | FLOOR PLAN W/ DIMENSIONS              |
| 03B.0 | FLOOR PLAN W/ NOTES                   |
| 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      |
| 80    | CROSS SECTION AND INTERIOR ELEVATIONS |
| 09.0  | ELECTRICAL PLAN                       |
| 10    | UPPER ELECTRICAL PLAN                 |
| 11B.0 | TRUSS LAYOUT                          |
| 12B.0 | UPPER TRUSS LAYOUT                    |
| 13B.0 | PRECAST LINTEL LAYOUT                 |
| 14    | TYPICAL DETAILS/CONNECTOR SCHEDULE    |
| 15    | TYPICAL DETAILS                       |
| 16    | TYPICAL DETAILS                       |
| 17    | TYPICAL DETAILS                       |
| 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                        |
| OXO.O | EXTENDED FAMILY OPTION                |

| SHEET   | INDEX- ELEVATION "C"   |
|---|--|
| 00<br>01C.0<br>02C.0<br>03C.0<br>04C.0<br>05C.0 | COVER SHEET FOUNDATION PLAN FLOOR PLAN W/ DIMENSIONS FLOOR PLAN W/ NOTES UPPER FLOOR PLAN W/ DIMENSIONS UPPER FLOOR PLAN W/ NOTES EXTERIOR ELEVATIONS- FRONT/ REAR EXTERIOR ELEVATIONS- LEFT/ RIGHT CROSS SECTION AND INTERIOR ELEVATIONS ELECTRICAL PLAN UPPER ELECTRICAL PLAN TRUSS LAYOUT UPPER TRUSS LAYOUT PRECAST LINTEL LAYOUT TYPICAL DETAILS TYPICAL DETAILS TYPICAL DETAILS TYPICAL DETAILS TYPICAL DETAILS TYPICAL DETAILS TYPICAL STRUCTURAL DETAILS |
| D6  | SOFFIT DETAILS   |
| OXO.0   | EXTENDED FAMILY OPTION   |

| NS E | TRUCTURE 19 DESIGNED TO WITHSTAND 140 MPH WINDS PER THE TH EDITION, 2020 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND 19 CERTIFIED A9 SUCH | DISO GRANDE               | Park Square Homes hereby reserves its common law copyrights and other copyrights in these plans, ideas, and design These plans, ideas a |
|------|--|---------------------------|---|
|      | STRUCTURE IS DESIGNED TO WITHSTAND 140 MIPH WINDS  | )T: 0000, PARADISO GRANDE | Park Square Homes hereby rese   |

COVER SHEET

PARADISO GRANDE

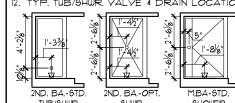


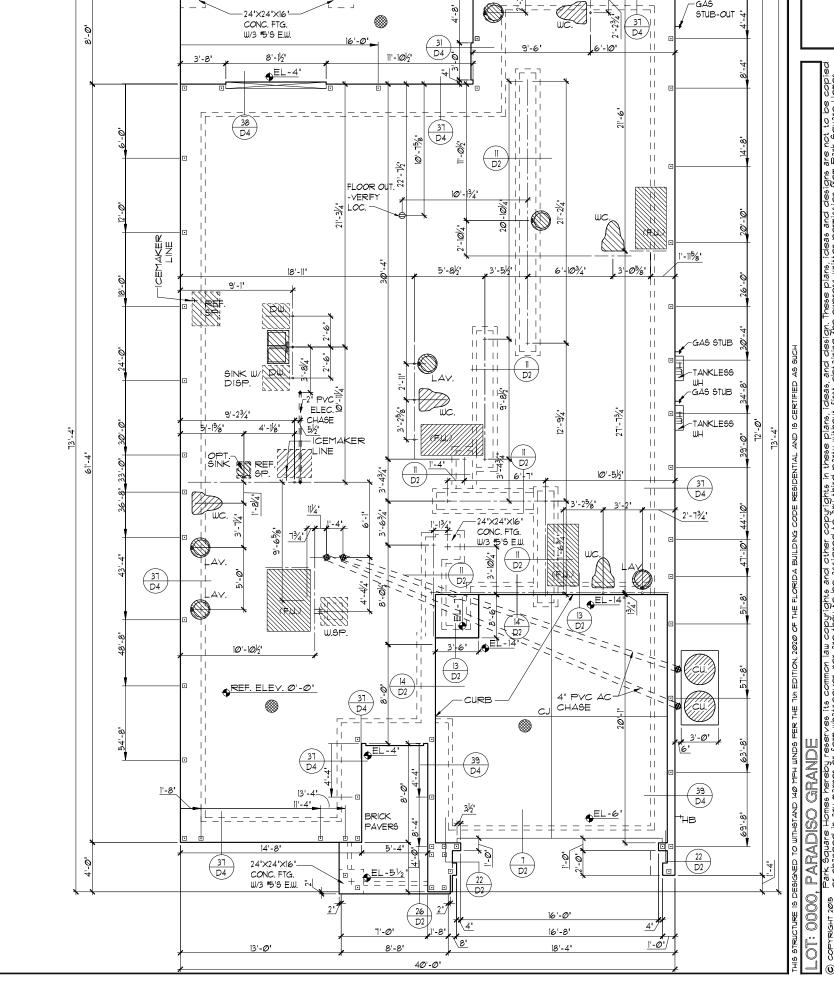
# SIDEWALK LAYOUT 1/8'=1'-0' (1|X|7) 1/4'=1'-0' (22X34)

### 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 6∅
- 4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPER-VISOR FOR CLARIFICATION.
- 5. WATER HEATER T & PRELIEF VALVE SHALL BE FULL SIZE TO EXTERIOR, WATER HEATER AT OR ABOVE FLOOR LEVEL SHALL BE IN A PAN WITH DRAIN TO EXTERIOR, WATER HEATER SHALL HAVE APPROVED THERMAL EXPANSION DEVICE.
- 6. DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2500 P.S.I. 4" THICK WITH 6X6 10/10 GAUGE REINFORCING MAT. WITH MIN. 1" COVER. TERMITE TREATED SOIL WITH 006mm (6 mil) POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL. WUF SHALL BE PLACED IN MIDDLE TO UPPER THIRD OF SLAB AND SUPPORTED ON APPROVED SLAB BOLSTERS.

  FIBER MESH REINFORCEMENT MAY BE USED AS ALTERNATIVE TO WIRE MESH.
- PAVERS MAY BE USED ILO CONCRETE SLABS IN PATIO, PORCH, DRIVE AND WALKWAY AREAS. DELETE SLAB IN AREAS PAVERS ARE USED.
- 8. X STANDARD FOOTING
- 9. MECHANICAL EQUIP. LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
- IO. IN LIEU OF TREATING THE SOIL, AN ALTERNATIVE TO TERMITE TREATED SOIL CAN BE TERMICIDE.
- II. BORA-CARE TO BE APPLIED ON INTERIOR WALLS IAW MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PURSUANT TO CH.402 FLORDA BUILDING CODE.
- 12. TYP. TUB/SHWR. VALVE & DRAIN LOCATION





40'-0**'** 

⊕EL-5"

**\_**10'-4"

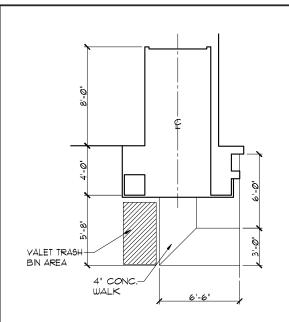
WOOD [

SHEET

13'-Ø'

FOUNDATION PLAN "A"

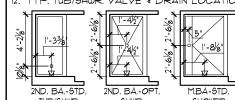
1/8"=|'-@" (||X|T) ||/4"=|'-@" (22X34)

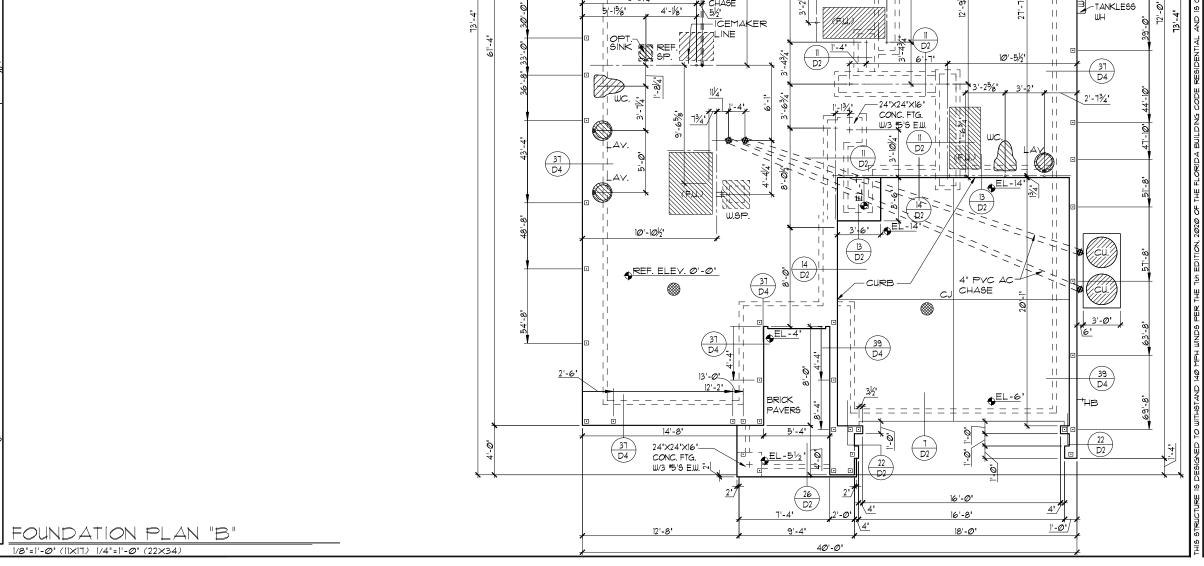


# SIDEWALK LAYOUT 1/8"=1'-Ø" (11×17) 1/4"=1'-Ø" (22×34)

#### **FOUNDATION NOTES**

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





23'-8"

⊕EL-5"

11'-101/5"

FLOOR OUT. 2

-VERIFY 50 LOC. -

D4 6

3<u>T</u>

5'-8½"

,3'-51/3"

13'-**0'** 

-24'X24'X16'-

CONC. FTG. W/3 #5'S EW

38 D4

SINK III/

9'-23/4"

CHASE

STUB-OUT

∕GAS STUB

-TANKLESS

~GAS STUB

37 | I

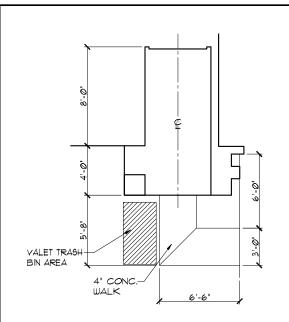
/X#*Y*/

31-05%"

6'-103/4"

WOOD | FAMILY RM

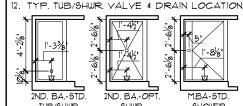
SCALE AS NOTED

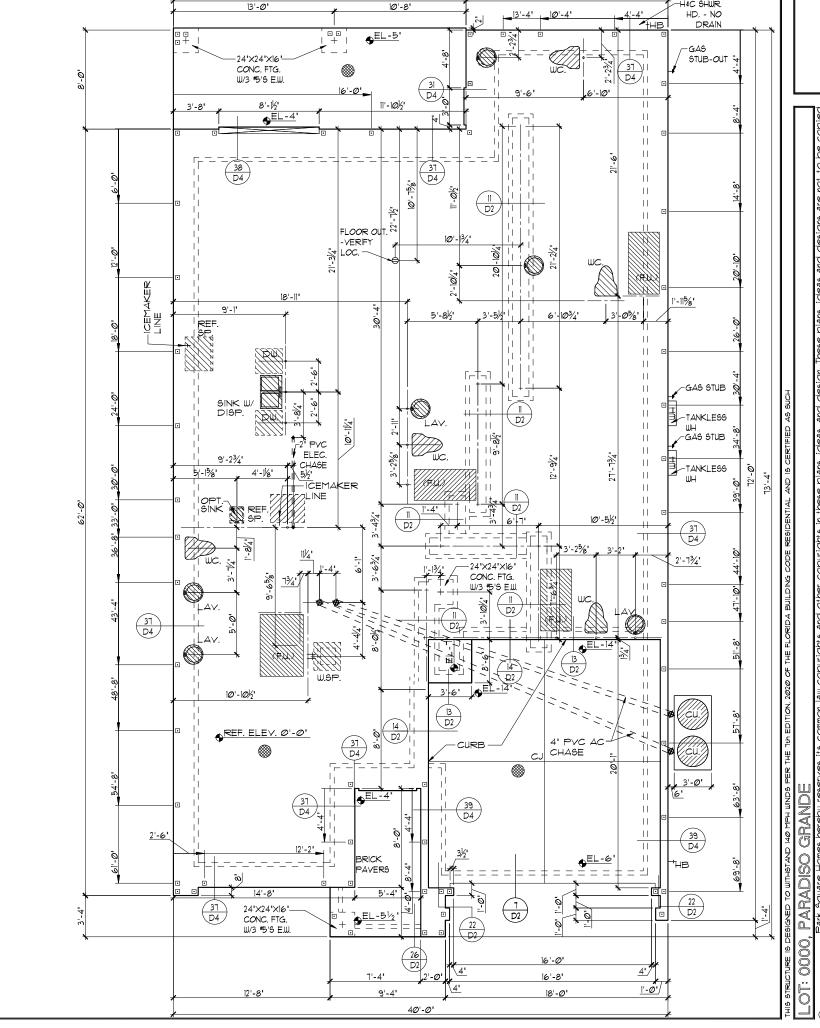


# SIDEWALK LAYOUT 1/8"=1'-0" (11×17) 1/4"=1'-0" (22×34)

#### **FOUNDATION NOTES**

- CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
- 2. DENOTES FILL CELL REINF. W/ CONC. W/ (1) #50 REBAR, GRADE 60
- 3. 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 SUPER-VISOR 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 THERMA EXPANSION DEVICE.
- DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2500 P.S.I. 4" THICK WITH 6X6 10/10 GAUGE REINFORCING MAT. WITH MIN. I" COVER. TERMITE TREATED SOIL WITH .006mm (6 mil) POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL WWF SHALL BE PLACED IN MIDDLE TO UPPER THIRD OF SLAB AND SUPPORTED ON APPROVED SLAB BOLSTERS. \*FIBER MESH REINFORCEMENT MAY BE USED AS ALTERNATIVE TO WIRE MESH.
- PAVERS MAY BE USED ILO CONCRETE SLABS IN PATIO, PORCH, DRIVE AND WALKWAY AREAS, DELETE SLAB IN AREAS PAVERS ARE USED.
- X STANDARD FOOTING
- MECHANICAL EQUIP. LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
- 10. IN LIEU OF TREATING THE SOIL, AN ALTERNATIVE TO TERMITE TREATED SOIL CAN BE TERMICIDE.
- BORA-CARE TO BE APPLIED ON INTERIOR WALLS IAW MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PURSUANT TO CH.402 FLORDA BUILDING CODE.





WOOD | FAMILY RM

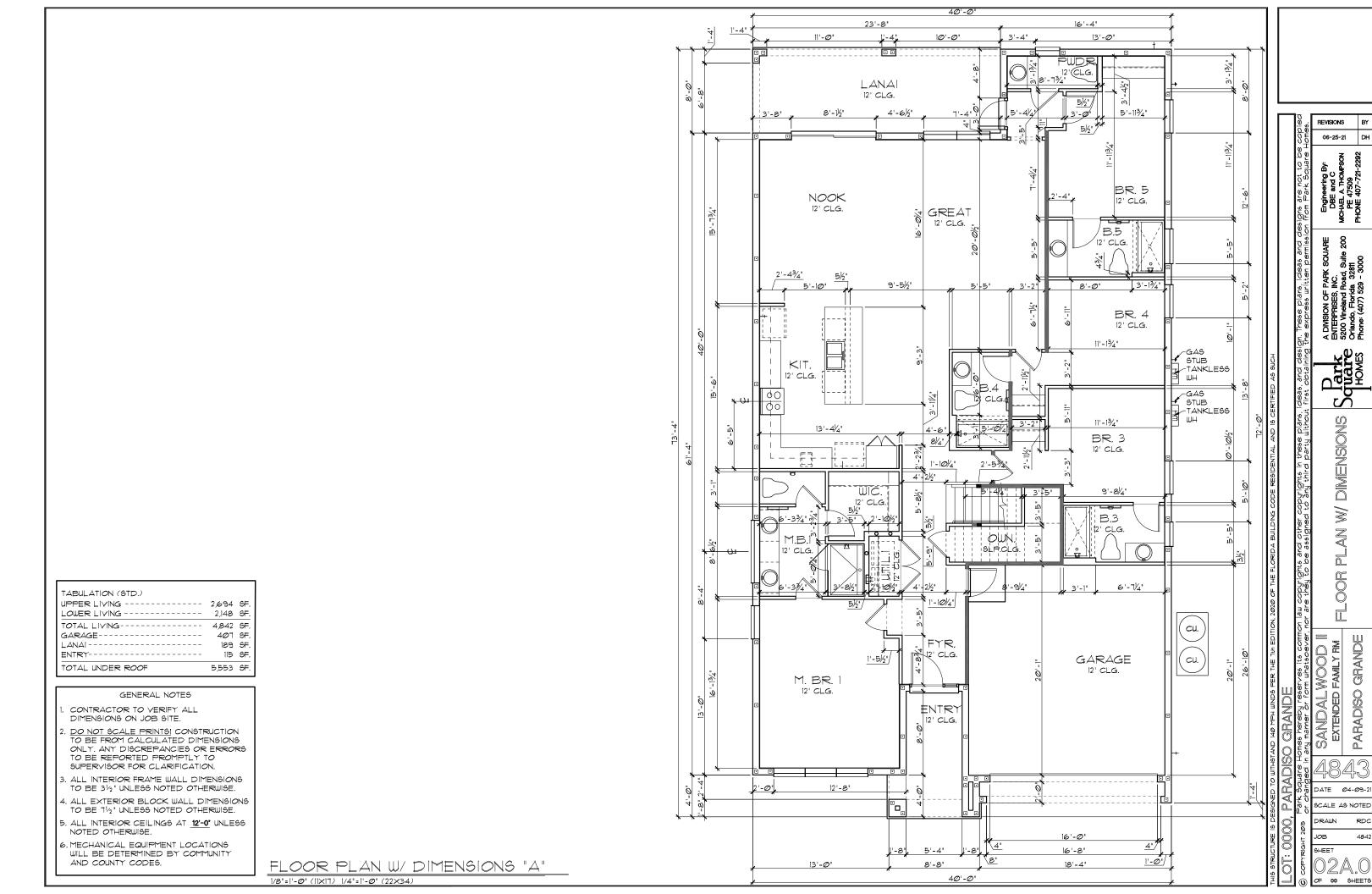
SHEE1

40'-0'

23'-8"

FOUNDATION PLAN "C"

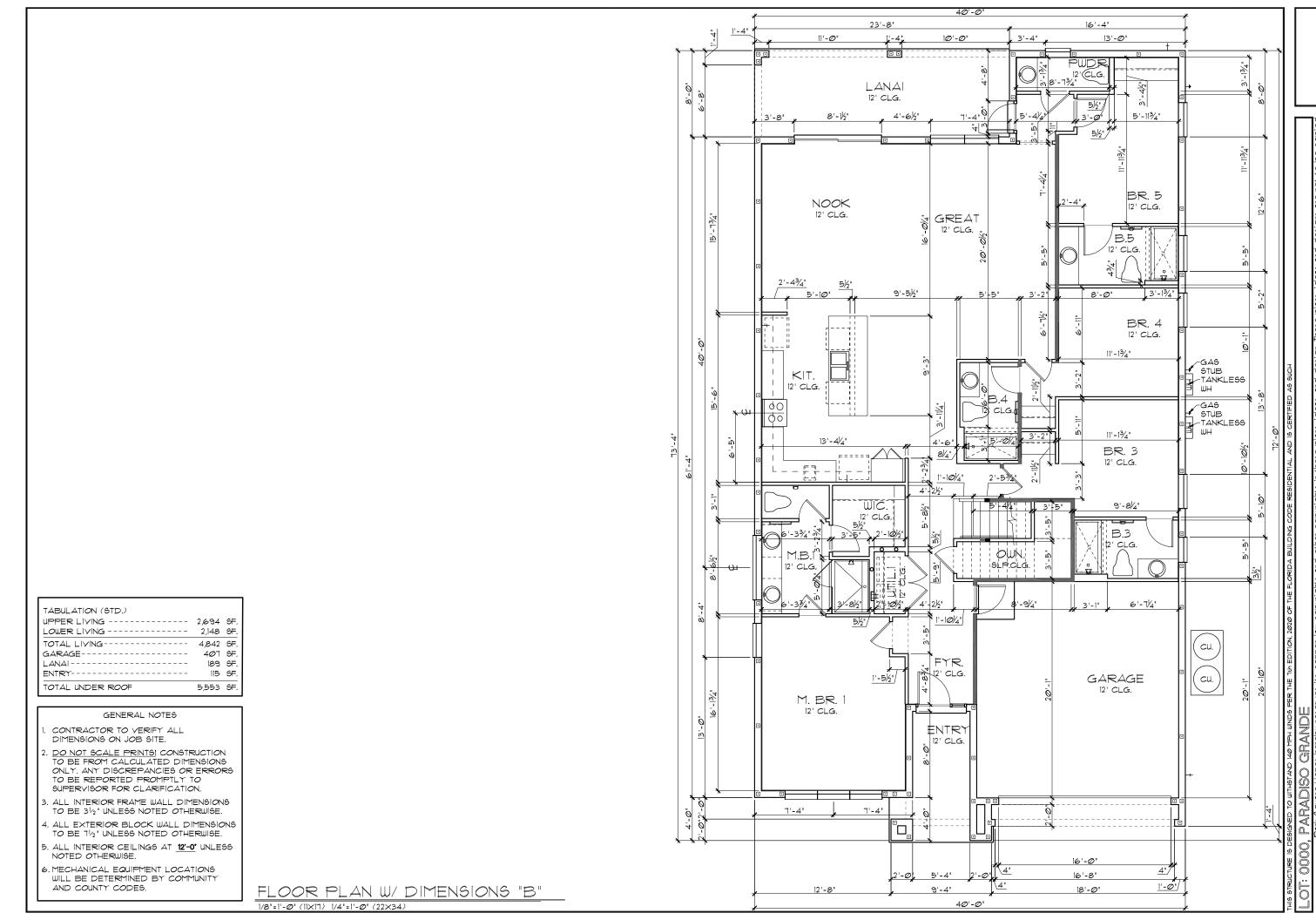
1/8"=1'-@"\_(11×17) 1/4"=1'-@" (22×34)



DIMENSIONS

PLAN W/

PARADISO GRANDE

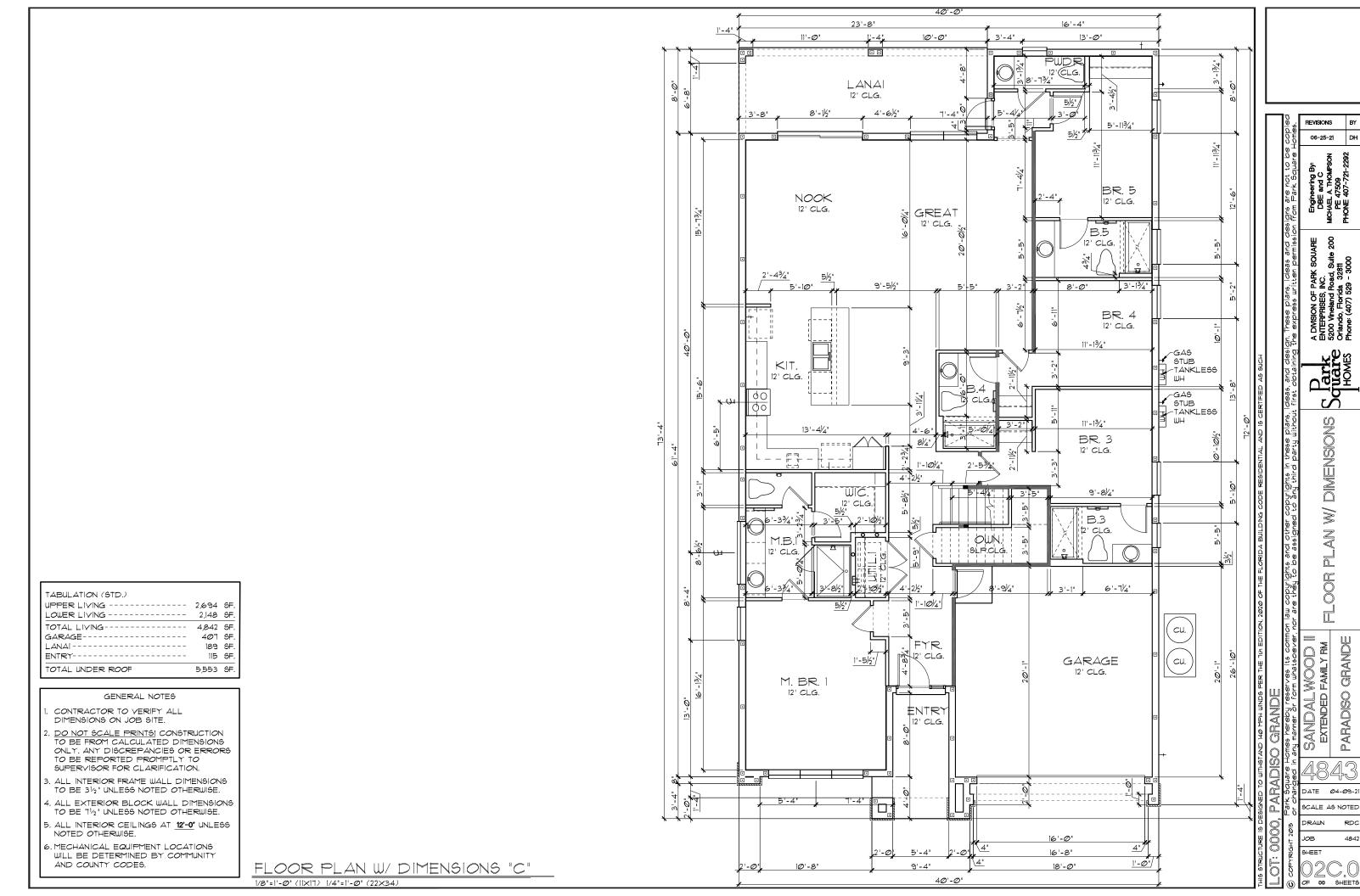


DIMENSIONS PLAN W/ WOOD |

PARADISO GRANDE

DATE **Ø4-Ø9-**21

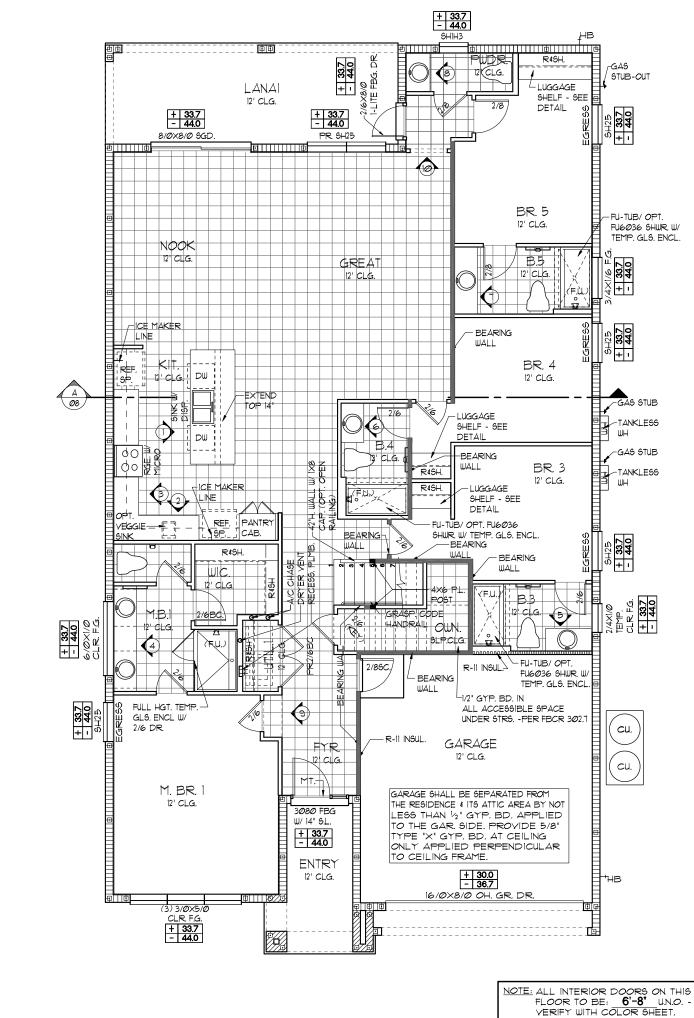
SCALE AS NOTED



DIMENSIONS

PLAN W/

PARADISO GRANDE



FLOOR PLAN W/ NOTES "A"

1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)

ALL INTER, SECOND FLOOR CEILINGS AT

DO NOT SCALE PRINTS! CONSTRUCTION

TO BE FROM CALCULATED DIMENSIONS

TO BE REPORTED PROMPTLY TO

SUPERVISOR FOR CLARIFICATION.

AND APPLICABLE COUNTY CODES.

ONLY. ANY DISCREPANCIES OR ERRORS

MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS

REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS

REFER TO DETAIL SHEETS FOR FLASHING

ANCHOR THE CONDENSER UNIT TO SLAB

0. ALL INTER. FIRST FLOOR CEILINGS AT

12'-0' UNLESS NOTED OTHERWISE.

9'-0" UNLESS NOTED OTHERWISE.

REQUIREMENTS AT ALL WOOD TO

PER CODE: M 1307.1 - M1307.2

MASONRY INTERFACES

DENOTES CONC. BLOCK WALL HGT. @ 12'-0" A.F.F.

DENOTES CONC. BLOCK WALL HGT. @ 13'-6" A.F.F.

RAWN

OD | LY RM

盗

STUB-OUT

-Fu-TUB/ OPT.

33.7 44.0

33.7 44.0

-TANKLESS

\_GAS STUB

-TANKLESS

WH

ШH

CU.

CU.

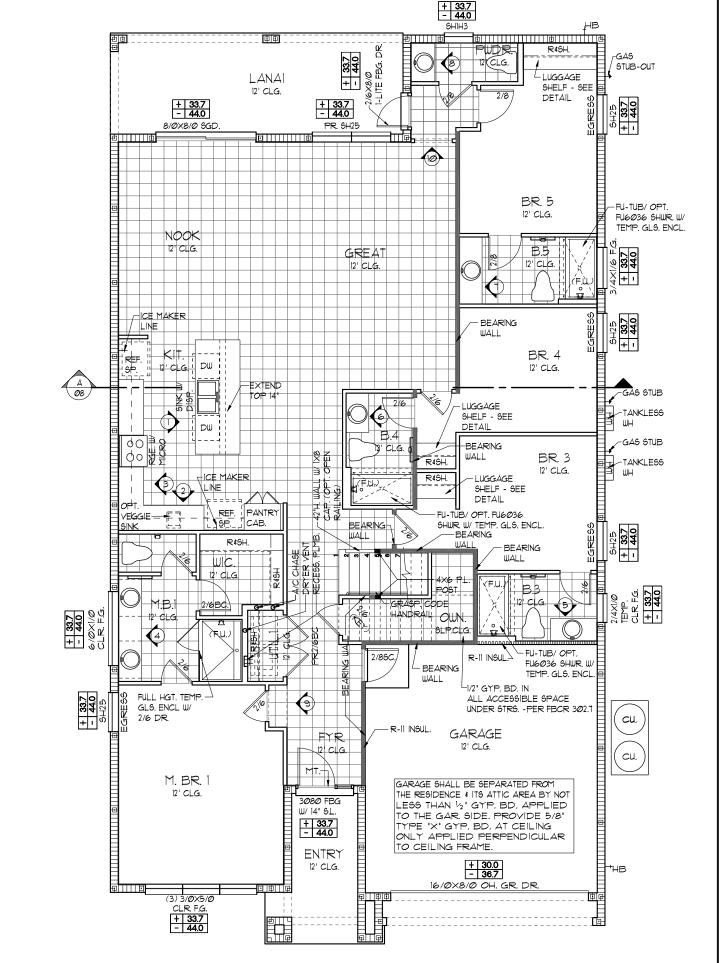
HB.

FU6036 SHWR. W/

TEMP. GLS. ENCL.

DATE Ø4-Ø9-2 SCALE AS NOTED SHEET

4842



FLOOR PLAN W/ NOTES "B'

9'-0' UNLESS NOTED OTHERWISE.

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. @ 12'-0" A.F.F.

DENOTES CONC. BLOCK WALL HGT. @ X'-0" A.F.F.

REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS

REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES

ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M1307.2

O. ALL INTER. FIRST FLOOR CEILINGS AT 12'-0' UNLESS NOTED OTHERWISE.

ALL INTER, SECOND FLOOR CEILINGS AT

1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)

DATE Ø4-Ø9-2 SCALE AS NOTED SHEE1

NOTE: ALL INTERIOR DOORS ON THIS FLOOR TO BE: **6'-8"** UN.O. -VERIFY WITH COLOR SHEET.

4842

OD LY RM

盗

DETERMINED BY COMMUNITY STANDARDS

REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS

REFER TO DETAIL SHEETS FOR FLASHING

ANCHOR THE CONDENSER UNIT TO SLAB

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

O. ALL INTER. FIRST FLOOR CEILINGS AT

12'-0' UNLESS NOTED OTHERWISE.

REQUIREMENTS AT ALL WOOD TO

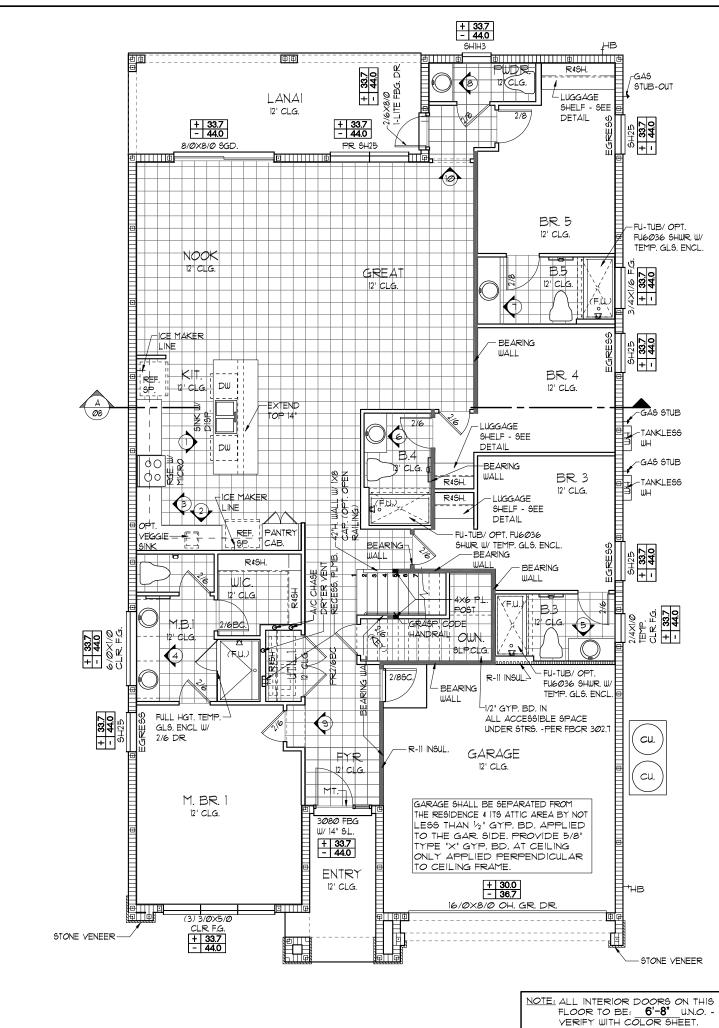
PER CODE: M 1307.1 - M1307.2

MASONRY INTERFACES

DENOTES CONC. BLOCK WALL HGT. @ 12'-0" A.F.F.

DENOTES CONC. BLOCK WALL HGT. @ X'-0" A.F.F.

AND APPLICABLE COUNTY CODES.



FLOOR PLAN W/ NOTES "C'

1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)

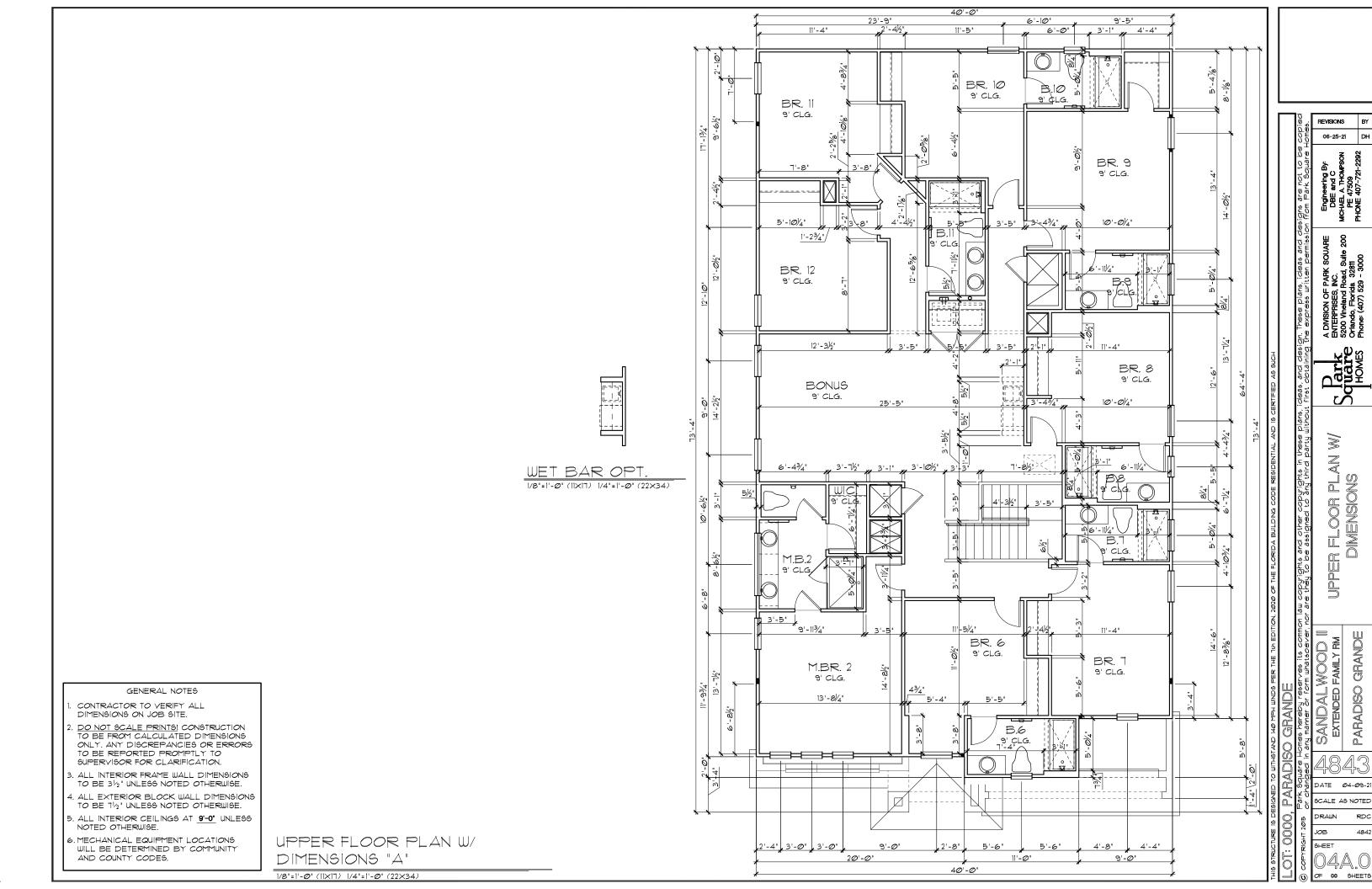
SHEE1

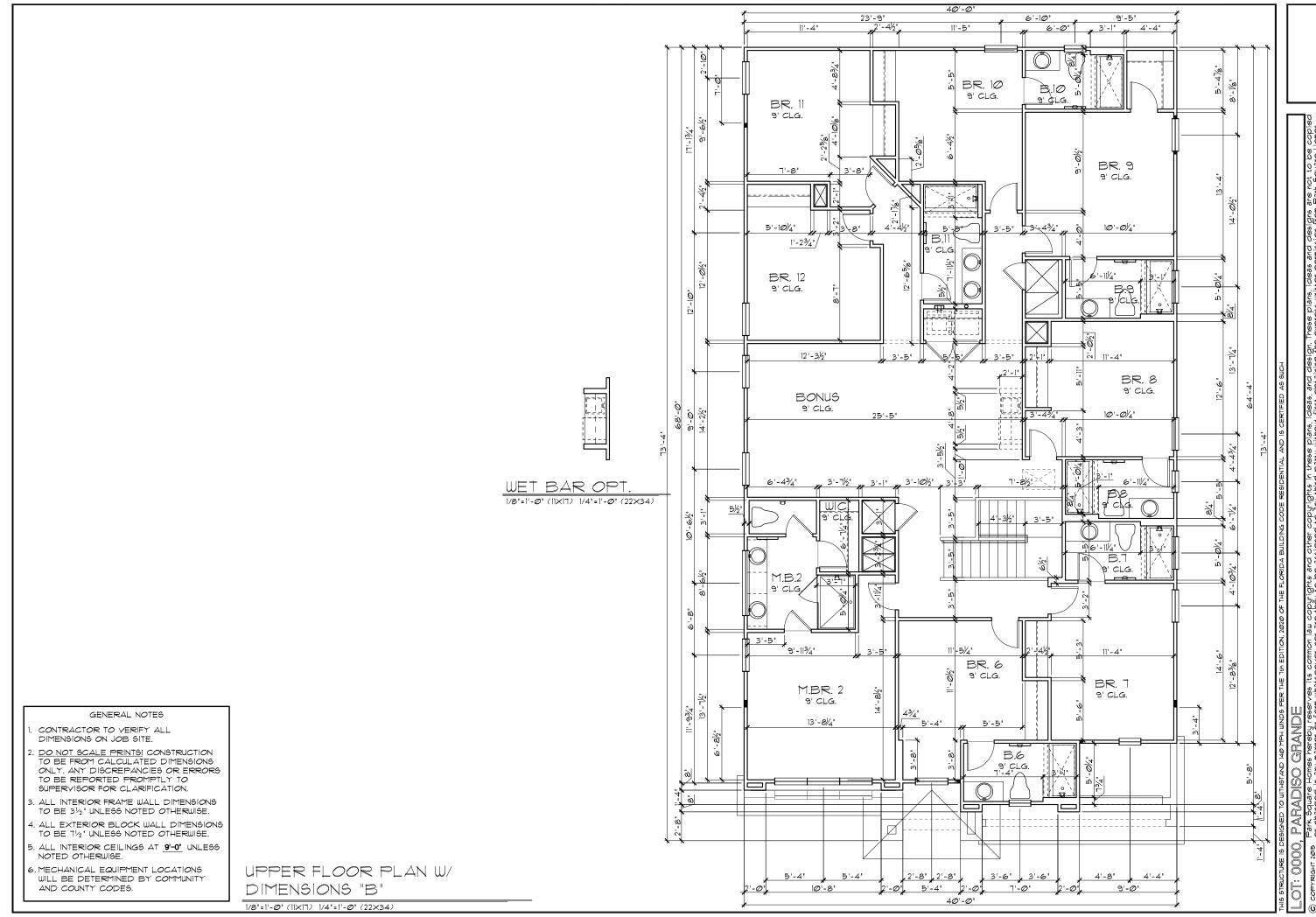
DATE Ø4-Ø9-2 SCALE AS NOTED

OD LY RM

盗

4842

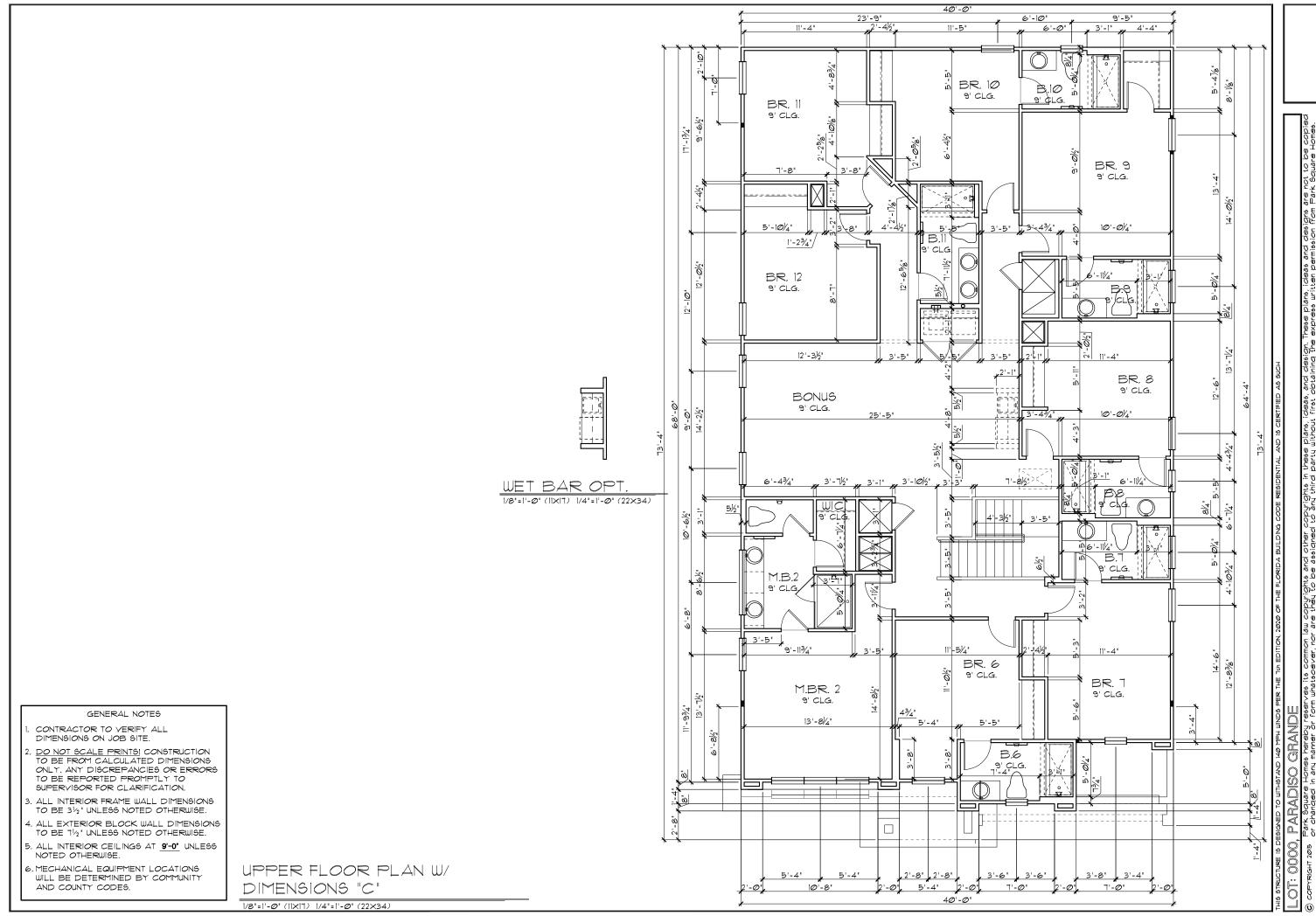




UPPER FLOOR PLAN DIMENSIONS

PARADISO GRANDE WOOD | SANDAL\
EXTENDED R

DATE **Ø4-Ø9**-21 SCALE AS NOTED



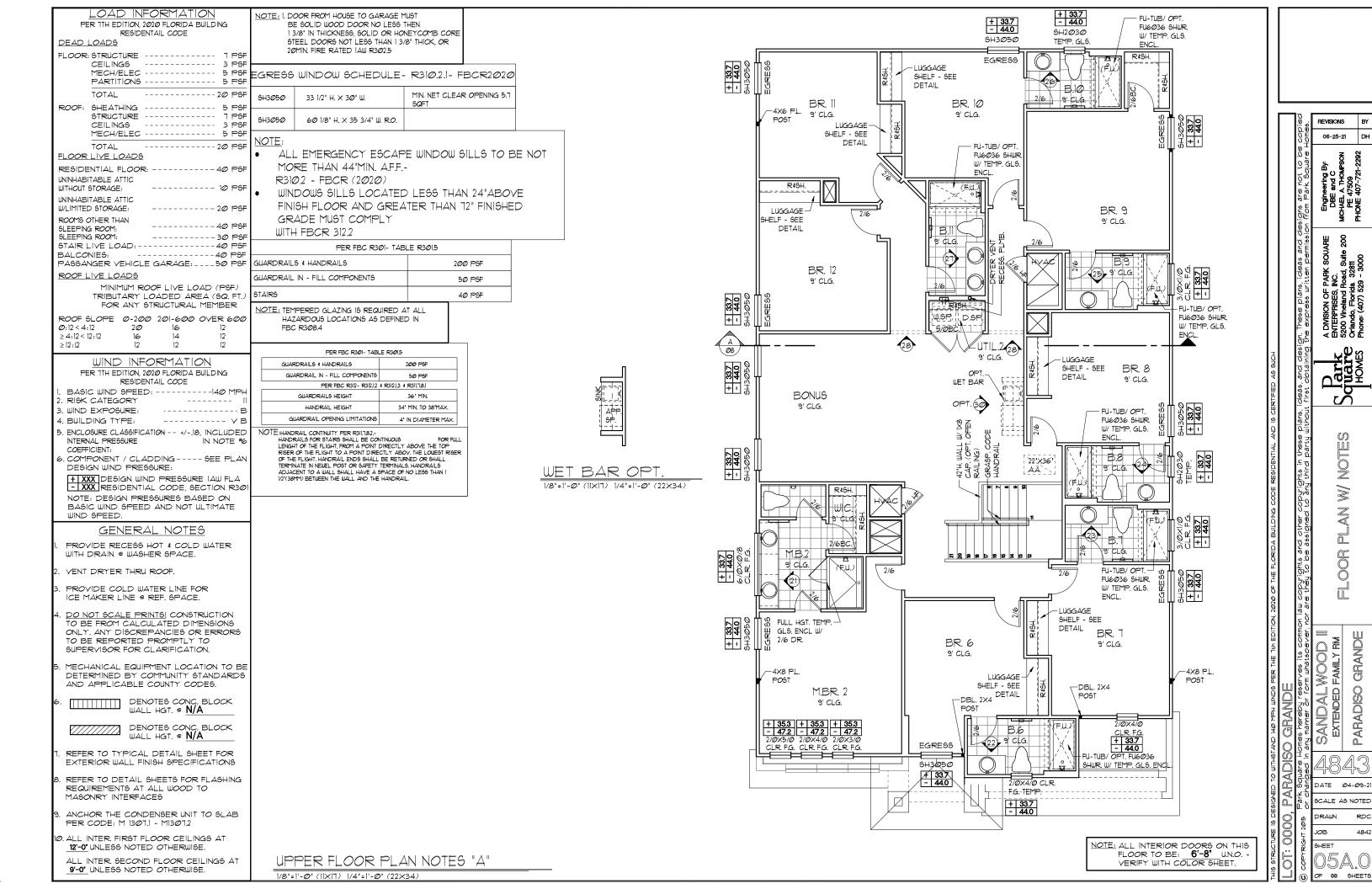
UPPER FLOOR PLAN DIMENSIONS

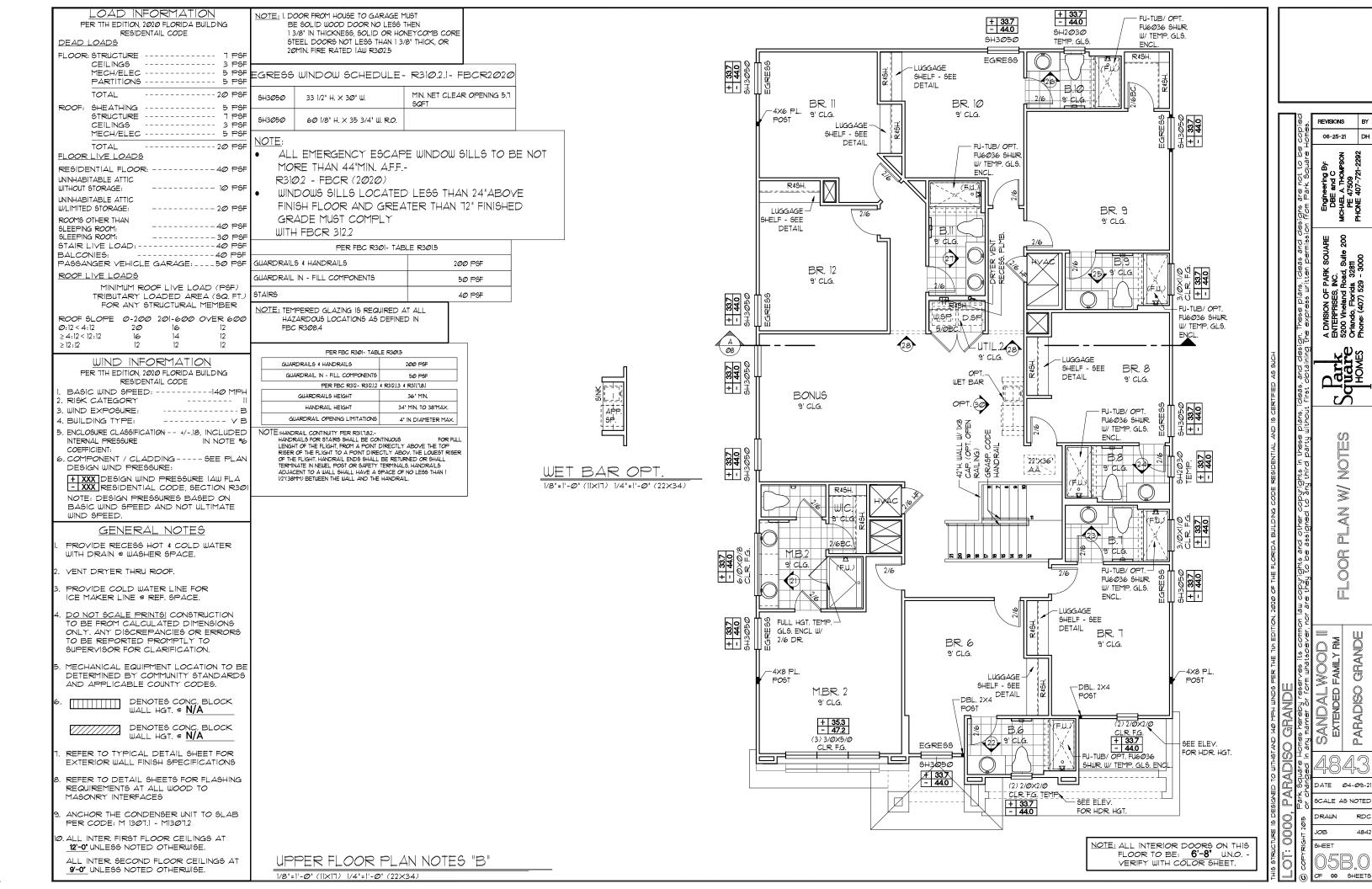
WOOD |

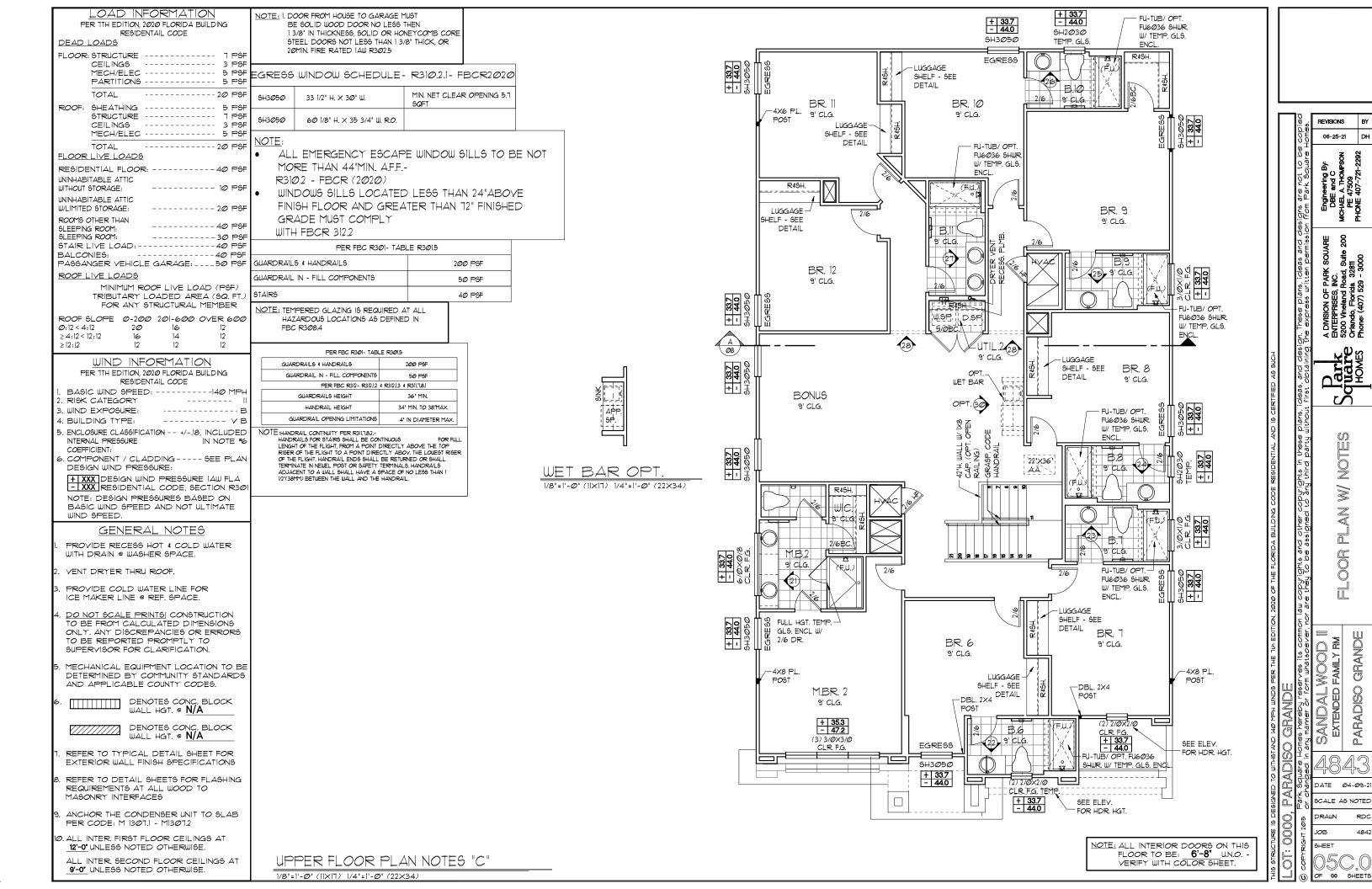
PARADISO GRANDE

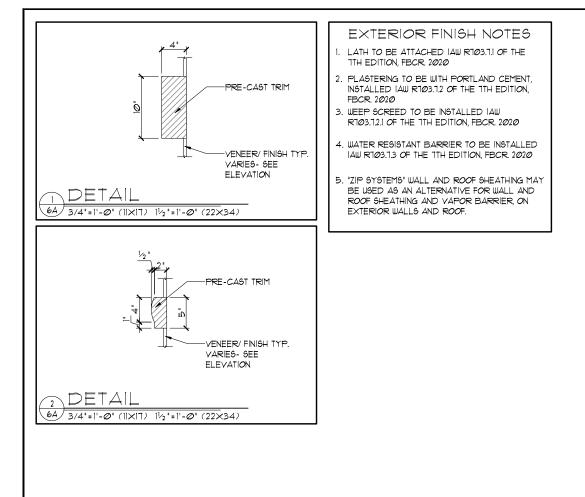
DATE **Ø4-Ø9-**21

SCALE AS NOTED









EXTENDED GREAT ROOM OPTION

1/8"=1'-Ø" (11×17) 1/4"=1'-Ø" (22×34)

TILE ROOF W/ CLOAK TYPE

EL. 22'-4<sup>3</sup>4" /PLT. HGT.

EL. 20'-8<sup>3</sup>4" /HDR., HGT.

EL. 13"-4<sup>3</sup>/<sub>4</sub>" /2ND. F.F.

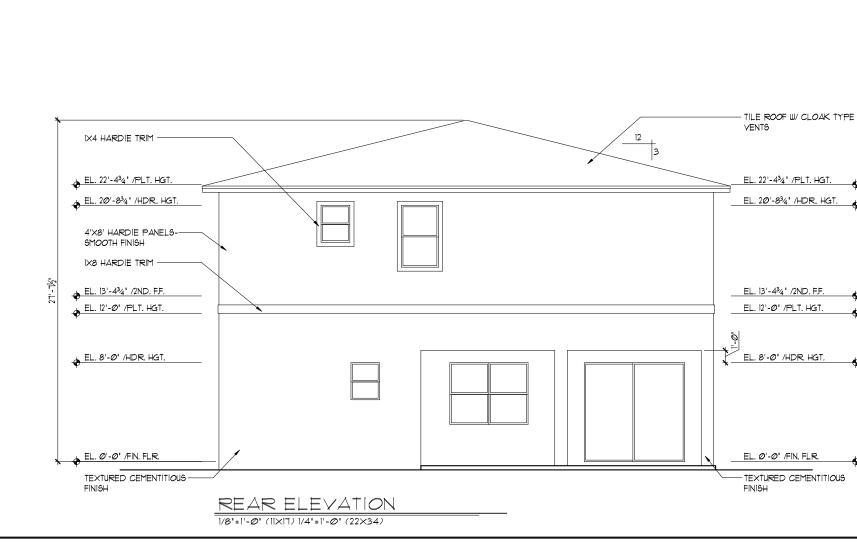
EL. 12'-Ø" /PLT. HGT.

EL. 8'-0" /HDR. HGT.

EL. Ø'-Ø" /FIN. FLR.

TEXTURED CEMENTITIOUS

VENT6





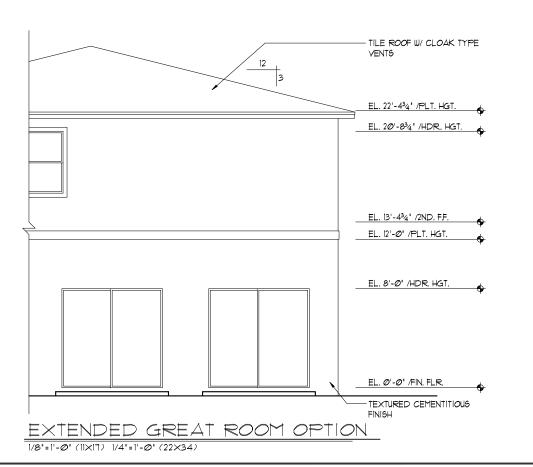
ineering By: IE and C L. A. THOMPSON 47509 : 407-721-2292 ELEVATION AND REAR TERIOR FRONT PARADISO GRANDE WOOD FAMILY RM

DATE **Ø4-Ø9-**21 SCALE AS NOTED



- LATH TO BE ATTACHED IAW RTØ3.7.1 OF THE 1TH EDITION, FBCR. 2020
- PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW RTØ3.7.2 OF THE 1TH EDITION, FBCR. 2020
- 3. WEEP SCREED TO BE INSTALLED IAW R103.12.1 OF THE 1TH EDITION, FBCR. 2020
- 4. WATER RESISTANT BARRIER TO BE INSTALLED IAW RTØ3.7.3 OF THE 1TH EDITION, FBCR. 2020
- 5. "ZIP SYSTEMS" WALL AND ROOF SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL AND ROOF SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS AND ROOF.







REVISIONS

ineering By: IE and C L. A. THOMPSON 47509 : 407-721-2292

Engined DBE 8 MICHAEL A PE 47

A DIVISION OF PARK SOUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32311 Phone: (407) 529 - 3000

ELEVATION AND REAR TERIOR E

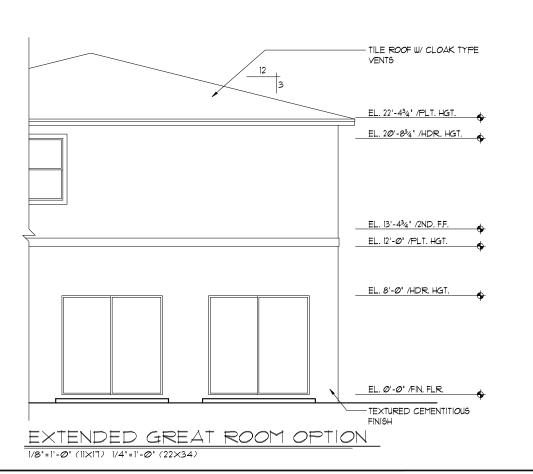
PARADISO GRANDE WOOD FAMILY RM

DATE **Ø4-Ø9-**21 SCALE AS NOTED



- LATH TO BE ATTACHED IAW RTØ3.7.1 OF THE 1TH EDITION, FBCR. 2020
- PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW RTØ3.72 OF THE 1TH EDITION, FBCR. 2020
- 3. WEEP SCREED TO BE INSTALLED IAW R103.12.1 OF THE 1TH EDITION, FBCR. 2020
- 4. WATER RESISTANT BARRIER TO BE INSTALLED IAW RTØ3.7.3 OF THE 1TH EDITION, FBCR. 2020
- 5. "ZIP SYSTEMS" WALL AND ROOF SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL AND ROOF SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS AND ROOF.







REVISIONS

ineering By: IE and C L. A. THOMPSON 47509 : 407-721-2292 Engined DBE 8 MICHAEL A PE 47

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

ATION REAR ELEV. THOUS THOUS TO THE STATE OF THE

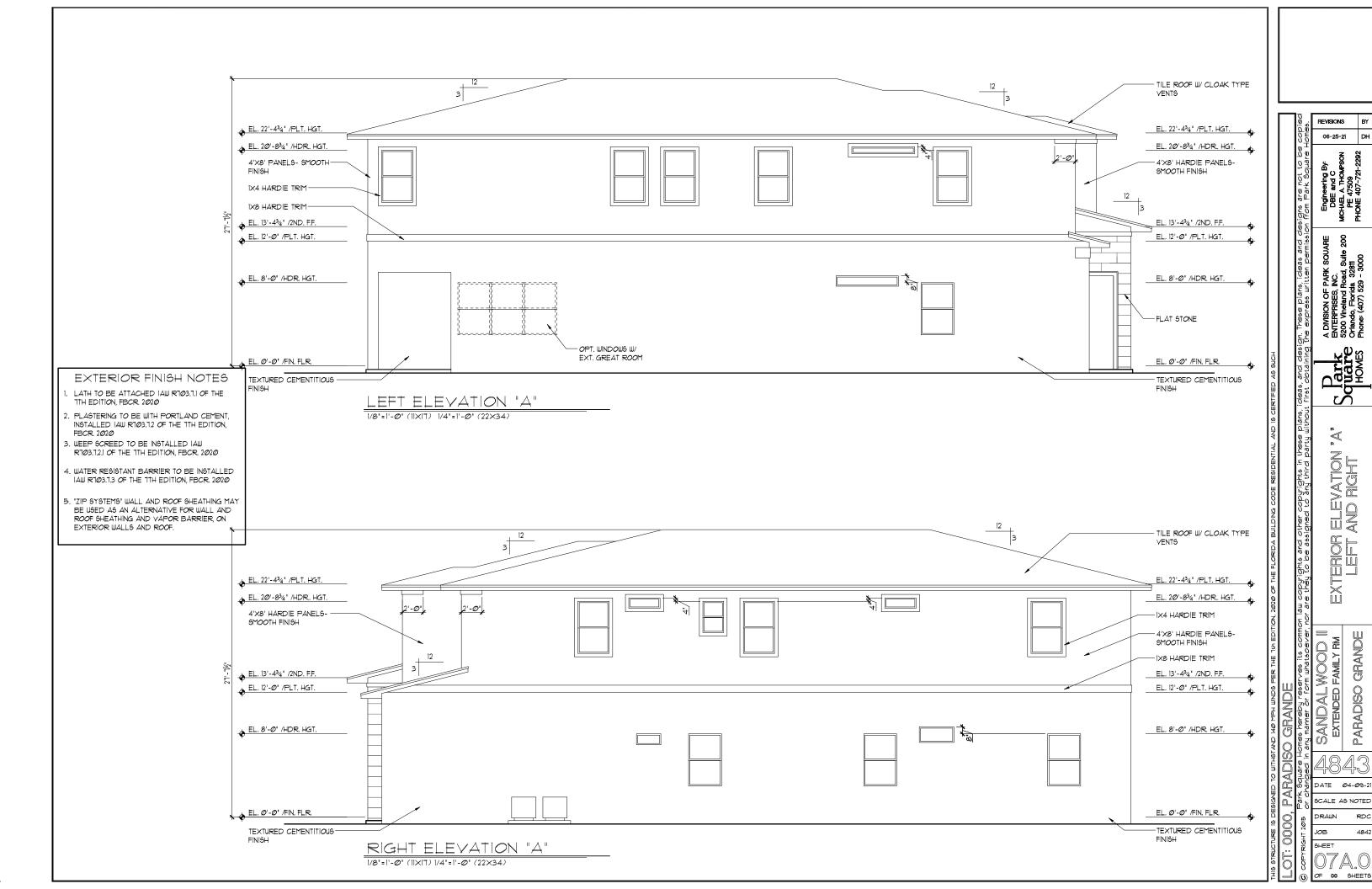
PARADISO GRANDE WOOD FAMILY RM

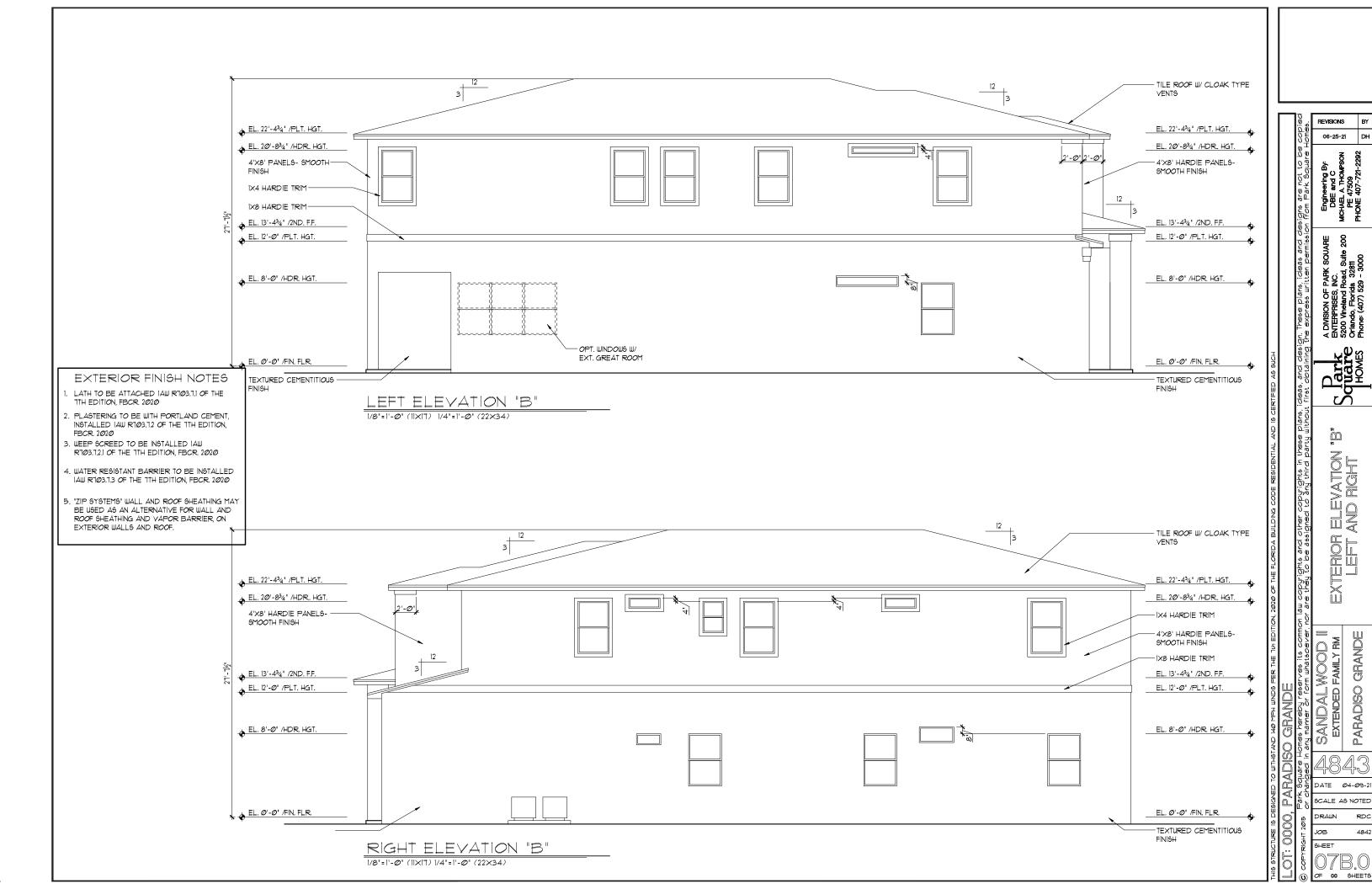
SANDAL VEXTENDED F

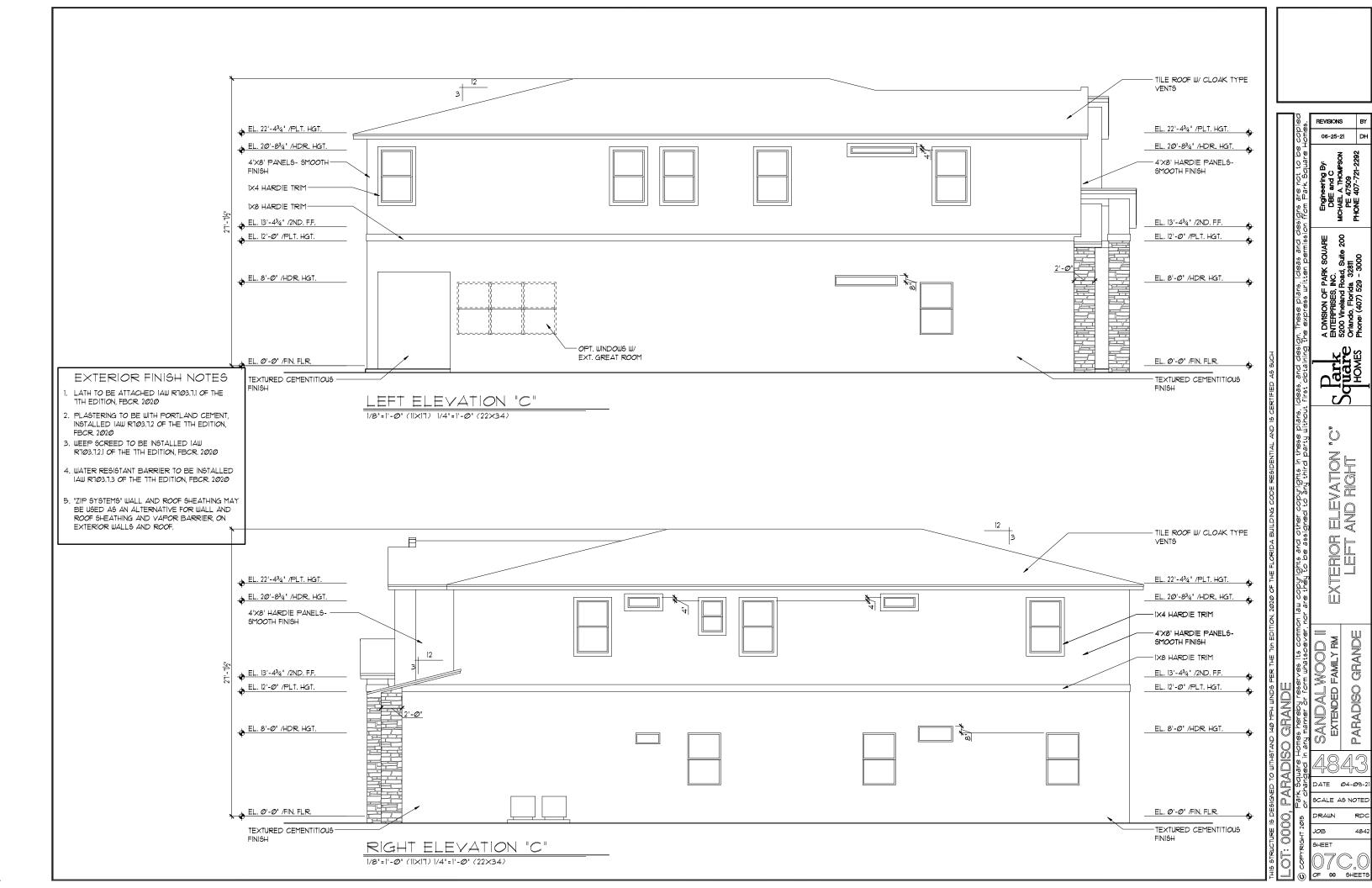
DATE Ø4-Ø9-21 SCALE AS NOTED

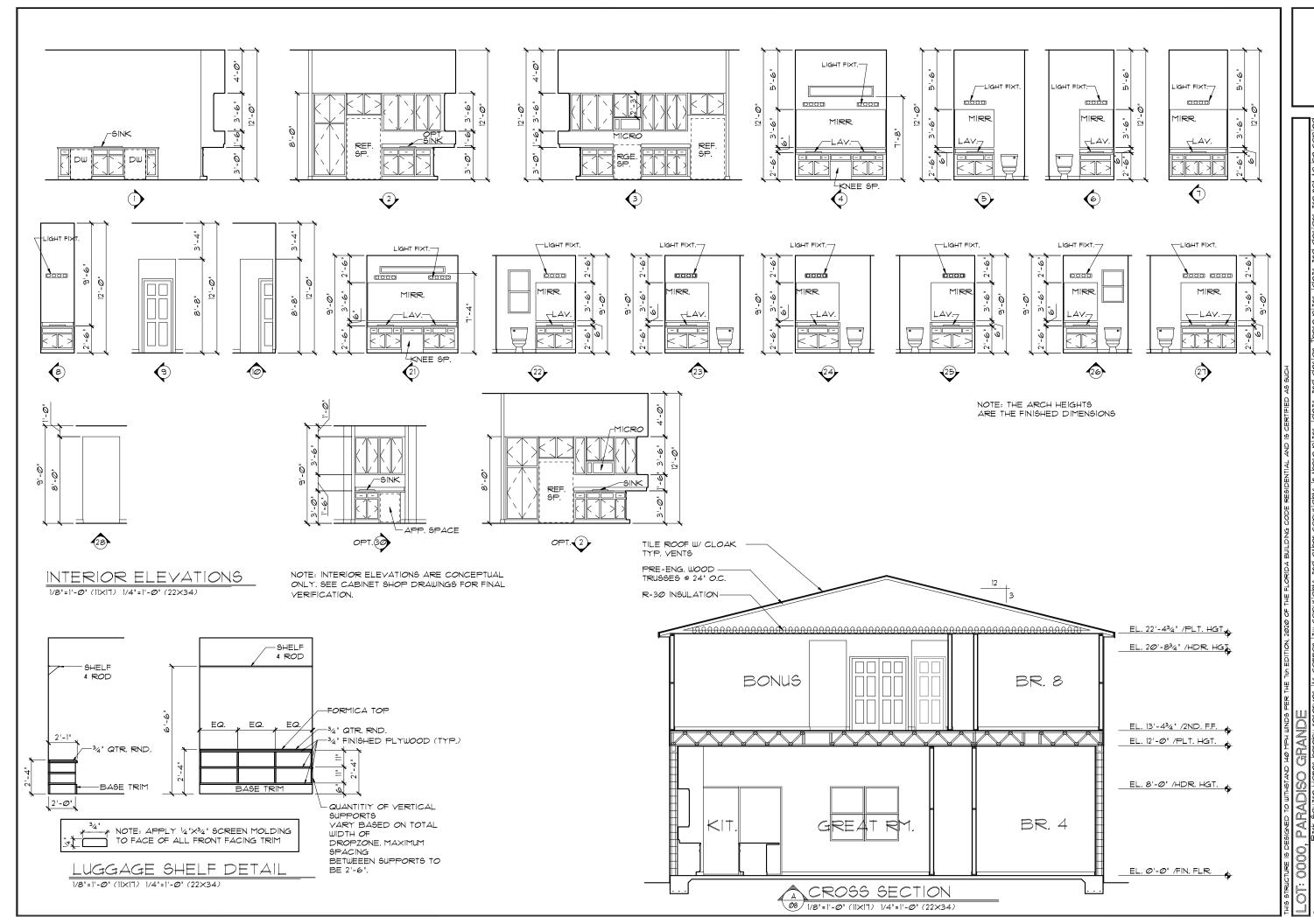
SHEET

OF OO SHEETS









SS SECTION / ELEVATIONS CROSS (INTERIOR EI

SANDALWOOD II EXTENDED FAMILY RM

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

2.)APPLIANCES SHALL BE ACESSIBLE FOR NSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION. A) CHAPTER 13 OF THE FBC-R 2020 1TH SECTION MI305.1

3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION MIG02 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 GEC!

1.) SMOKE ALARMS SHALL BE IN ALL SLEEPING AREAS, SHALL BE INTERCONNECTED, SHALL BE WITHIN I' 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,

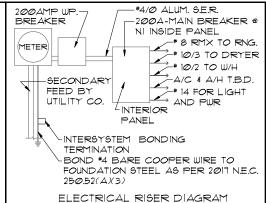
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM IS" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 1TH ED.

O.) 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 NFPA7Ø-<u>NEC 2017</u>

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

2.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPATØ-NEC2ØIT - ARTICLE 210-52



N.T.S.

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

THE LOCAL POWER COMPANY

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

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

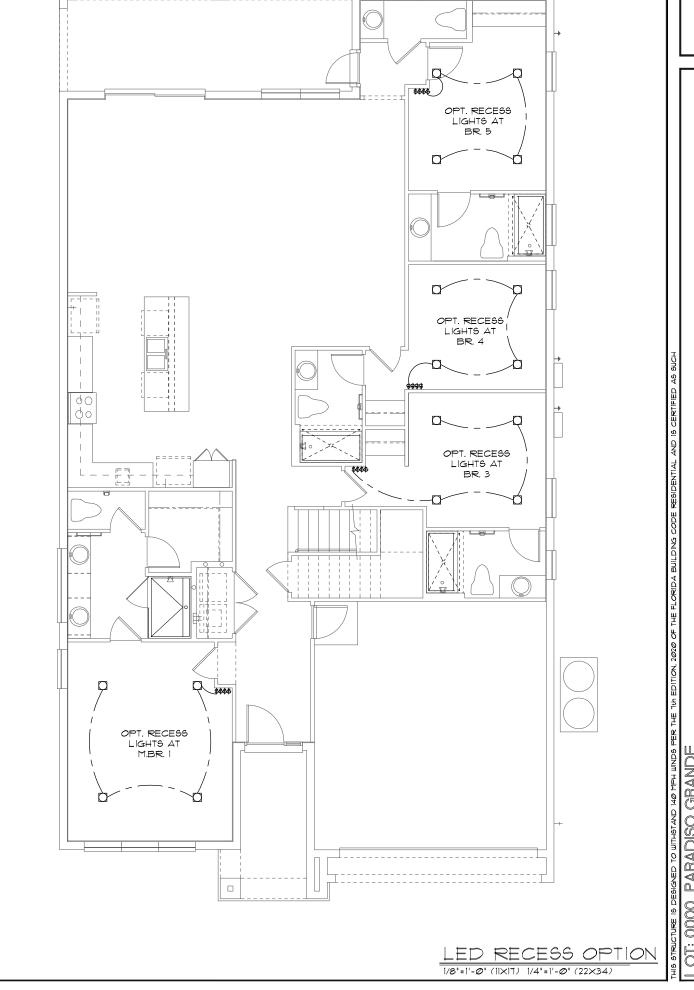
There are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than ½ inch in diameter and at least 20 t. long, encased in 2 inches of concrete± (2) 20 ft. of bare copper conductor not smaller than No. 4 AUG encased in 2 inches of concrete.

he 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.

bection 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 urisdictions, if the footings or foundations have peen 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 equired.

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 !                | LEC | #END                 |
|-------------|-----------------------------|-----|----------------------|
| \$          | SINGLE POLE SWITCH          |     | OUTLET, TV/CABLE     |
| \$3         | THREE WAY SWITCH            | ◂   | OUTLET, PHONE        |
|             | OUTLET 110-115              | ŏ   | INTERCOM             |
|             | OUT. 110-115, SPLIT WIRED   | 00  | CHIMES               |
| <b>(4)</b>  | OUT. 110-115, W/ USB        |     | SMOKE DETECTOR       |
| #           | OUT. 110-115, CLG. MOUNT.   | M   | CARBON MONOXIDE      |
| Φ           | OUT. 110-115, FLR. MOUNT.   | ŏ   | PUSH BUTTON          |
| ٠           | SPCL. PURPOSE 220-240       | 6   | EXHAUST FAN          |
| <del></del> | LIGHT FIXT., CLG. MTD.      | \$  | EX. FAN/LIGHT COMBO  |
| Ţ           | LIGHT FIXT., WALL MTD.      | 0   | DISPOSAL             |
|             | LED LIGHT FIXT., RECESSED   | I   | ELECTRICAL PANEL     |
| Ш           | LIGHT FIXT., REC. ADJUST.   |     | CEILING FAN, PREWIRE |
| ပု          | LIGHT FIXT., PULL CHAIN     | Щ   | CEILING FAN, INSTALL |
| H           | LED- LIGHT FIXT,FLUORESCENT | ٦   | ELECT. JUNCTION BOX  |
| 4           | LIGHT FIXT., EXT. FLOODS    | DΤ  | THERMOSTAT           |
| EXIT        | LIGHT FIXT., EMERG. EXIT    | DC  | DISCONNECT SWITCH    |
|             | LIGHT FIXT., EXIT/BACKUP    |     | ELEC. POWER METER    |
|             | ·                           |     |                      |



WOOD | FAMILY RM

SANDAL Extended

SCALE AS NOTED

SHEET

4842

ELECTRICAL PLAN "OPT. LED' 1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)

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

2.)APPLIANCES SHALL BE ACESSIBLE FOR NSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION. A) CHAPTER 13 OF THE FBC-R 2020 1TH SECTION MI3@51

- 3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION MIGOZ 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
- 1.) SMOKE ALARMS SHALL BE IN ALL SLEEPING AREAS, SHALL BE INTERCONNECTED, SHALL BE WITHIN I' 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 ₫ R3144
- 8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM IS" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, TH 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.

1∅.)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 NFPATØ-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 NFPATØ-NEC2017 - ARTICLE 210-52

25052(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

nere are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than ½ inch in diameter and at least 20 t. 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.

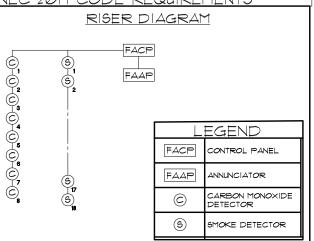
he steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing ods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated ith non-conductive material

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

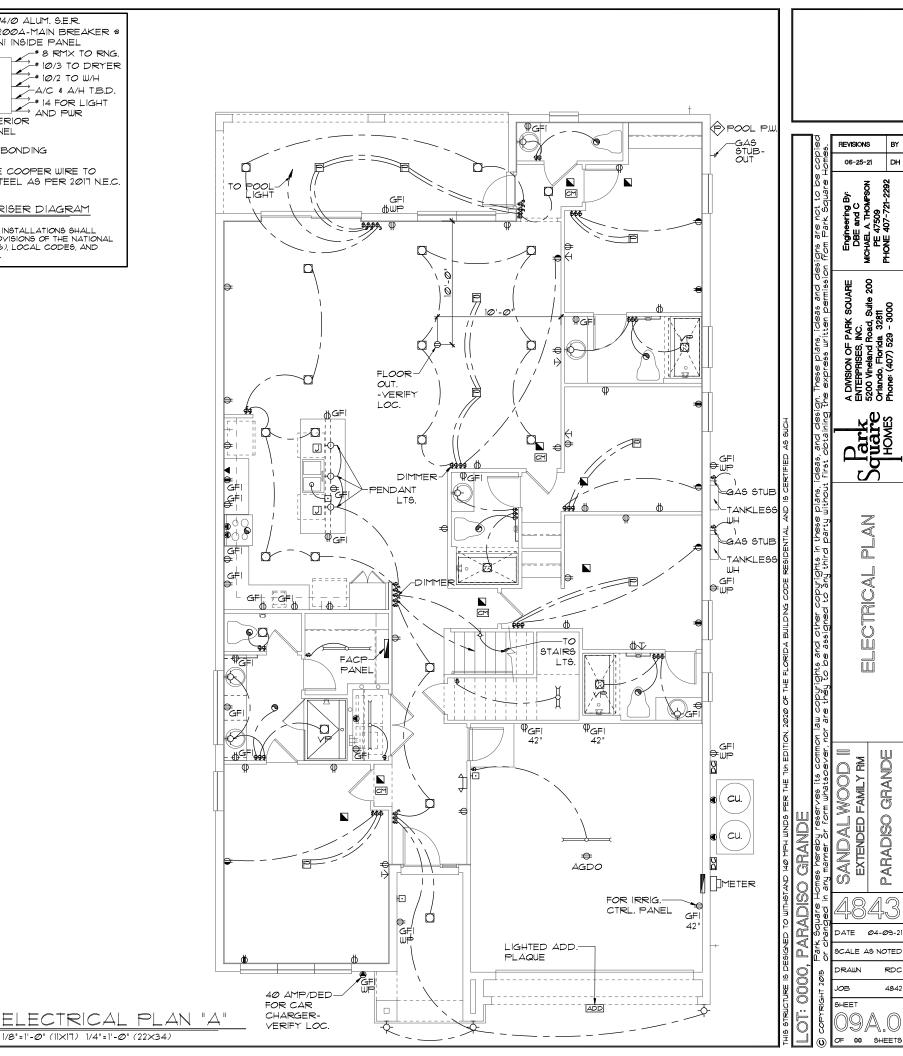
\*4/0 ALUM. S.E.R. 2004MP WP BREAKER 200A-MAIN BREAKER @ NI INSIDE PANEL \_# 8 RMX TO RNG. METER -# 10/3 TO DRYER # 10/2 TO W/H A/C & A/H T.B.D. SECONDARY \* 14 FOR LIGHT FEED BY AND PWR UTILITY CO. INTERIOR PANEL -INTERSYSTEM BONDING TERMINATION -BOND \*4 BARE COOPER WIRE TO FOUNDATION STEEL AS PER 2017 N.E.C. 25Ø.52(A)(3) ELECTRICAL RISER DIAGRAM N.T.S. ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(AXI) TO (6), LOCAL CODES, AND

HE LOCAL POWER COMPANY

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 L               | .EG       | END  |
|--|----------------------------|-----------|--|
| \$   | SINGLE POLE SWITCH         | $\forall$ | OUTLET, TV/CABLE                                     |
| \$3  | THREE WAY SWITCH           | •         | OUTLET, PHONE  |
| <b>+</b>   | OUTLET 110-115             | ŏ         | INTERCOM   |
| •  | OUT. 110-115, SPLIT WIRED  | 00        | CHIME5   |
| €  | OUT. 110-115, W/ USB       |           | SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE |
| <del>+</del>   | OUT. 110-115, CLG. MOUNT.  | Œ         | CARBON MONOXIDE                                      |
| ⊖  | OUT. 110-115, FLR. MOUNT.  | 급         | PUSH BUTTON  |
| ▶  | SPCL. PURPOSE 220-240      | 0         | EXHAUST FAN  |
| $\diamond$   | LIGHT FIXT., CLG. MTD.     | •         | EX. FAN/LIGHT COMBO                                  |
| ф  | LIGHT FIXT., WALL MTD.     | 0         | DISPOSAL   |
|  | LED LIGHT FIXT., RECESSED  |           | ELECTRICAL PANEL                                     |
| E  | LIGHT FIXT., REC. ADJUST.  | Ω.        | CEILING FAN, PREWIRE                                 |
| -Ò₽°C  | LIGHT FIXT., PULL CHAIN    | H         | CEILING FAN, INSTALL                                 |
| $\not\!$ | LED LIGHT FIXT,FLUORESCENT | ٦         | ELECT. JUNCTION BOX                                  |
| 44   | LIGHT FIXT., EXT. FLOODS   | DΤ        | THERMOSTAT   |
| EXIT   | LIGHT FIXT., EMERG. EXIT   | DC        | DISCONNECT SWITCH                                    |
|  | LIGHT FIXT., EXIT/BACKUP   |           | ELEC. POWER METER                                    |
|  |                            |           |  |



8

CTRICAL

GRANDE

PARADISO

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

2.)APPLIANCES SHALL BE ACESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION. A) CHAPTER 13 OF THE FBC-R 2020 1TH SECTION MI3@51

- 3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION MIGOZ 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
- 1.) 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 £ R3144
- 8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM IS" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, TTH ED. P28Ø1.T
- 9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM IS" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 1TH ED.

1Ø.)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 NFPATØ-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 NFPATØ-NEC2ØIT - ARTICLE 210-52

25052(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

here are two tubes of concrete-encased electrodes: (1) steel reinforcing bars or rods which re not less than ½ inch in diameter and at least 20 t. 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.

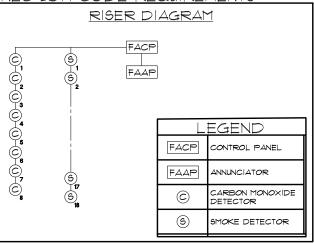
he steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing ods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated ith non-conductive material

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

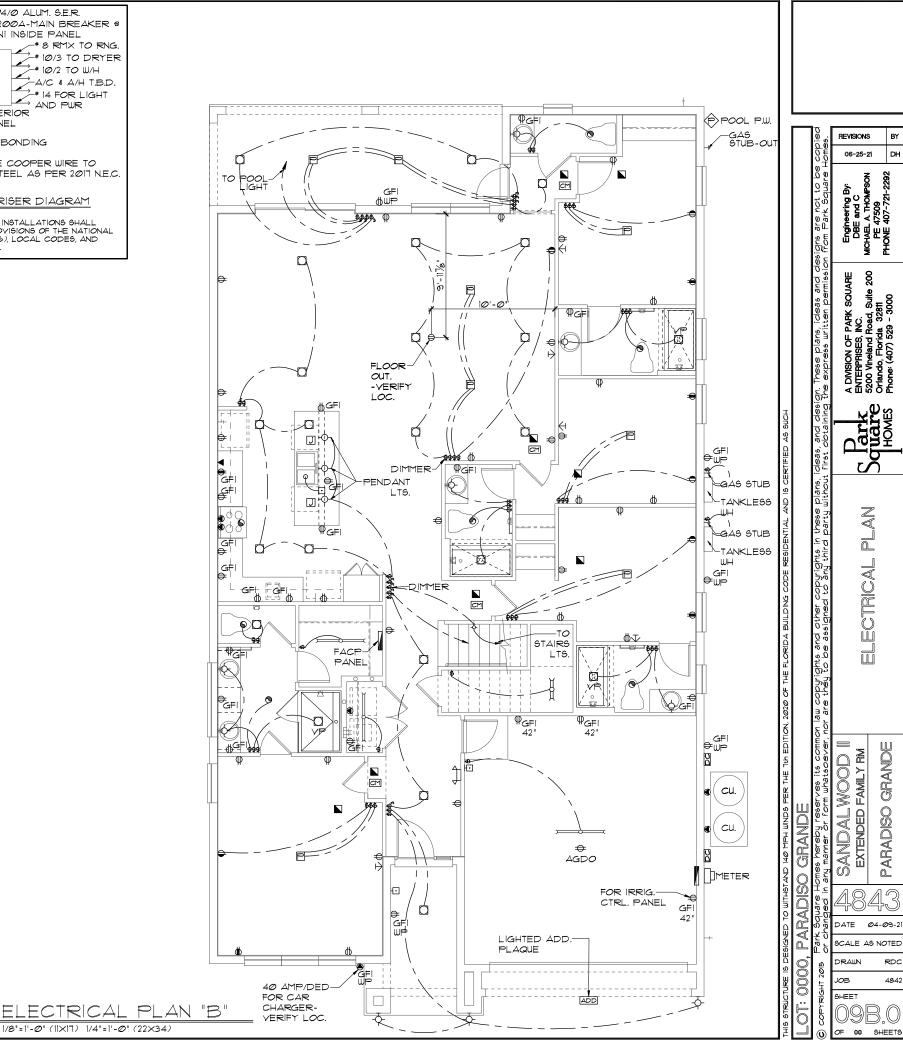
\*4/0 ALUM. S.E.R. 2004MP WP BREAKER 2004-MAIN BREAKER @ NI INSIDE PANEL →\* 8 RMX TO RNG. METER -# 10/3 TO DRYER # 10/2 TO W/H A/C & A/H T.B.D. SECONDARY \* 14 FOR LIGHT FEED BY AND PWR UTILITY CO. NTERIOR PANEL -INTERSYSTEM BONDING TERMINATION BOND \*4 BARE COOPER WIRE TO FOUNDATION STEEL AS PER 2017 N.E.C. 25Ø.52(AX3) ELECTRICAL RISER DIAGRAM N.T.S. ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(AX1) TO (6), LOCAL CODES, AND

HE LOCAL POWER COMPANY

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         | $\downarrow$ | OUTLET, TV/CABLE                                     |  |
| \$3                | THREE WAY SWITCH           | •            | OUTLET, PHONE  |  |
| <b>#</b>           | OUTLET 110-115             | ŏ            | INTERCOM   |  |
| •                  | OUT. 110-115, SPLIT WIRED  | 100          | CHIMES   |  |
| <b>⊕</b>           | OUT. 110-115, W/ USB       |              | SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE |  |
| $\Rightarrow$      | OUT. 110-115, CLG. MOUNT.  | Œ            | CARBON MONOXIDE                                      |  |
| $\oplus$           | OUT. 110-115, FLR. MOUNT.  | 급            | PUSH BUTTON  |  |
| ●                  | SPCL. PURPOSE 220-240      | 0            | EXHAUST FAN  |  |
| <b>\rightarrow</b> | LIGHT FIXT., CLG. MTD.     | •            | EX. FAN/LIGHT COMBO                                  |  |
| Ţ                  | LIGHT FIXT., WALL MTD.     | 0            | DISPOSAL   |  |
|                    | LED LIGHT FIXT., RECESSED  |              | ELECTRICAL PANEL                                     |  |
| E                  | LIGHT FIXT., REC. ADJUST.  | Ω.           | CEILING FAN, PREWIRE                                 |  |
| - <del>∫</del> Pc  | LIGHT FIXT., PULL CHAIN    | H            | CEILING FAN, INSTALL                                 |  |
| $\not \sqsubseteq$ | LED LIGHT FIXT,FLUORESCENT | ٦            | ELECT. JUNCTION BOX                                  |  |
| 44                 | LIGHT FIXT., EXT. FLOODS   | DΤ           | THERMOSTAT   |  |
| EXIT               | LIGHT FIXT., EMERG. EXIT   | DC           | DISCONNECT SWITCH                                    |  |
|                    | LIGHT FIXT., EXIT/BACKUP   |              | ELEC. POWER METER                                    |  |
|                    |                            |              |  |  |



8

CTRICAL

GRANDE

PARADISO

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

2.)APPLIANCES SHALL BE ACESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION. A) CHAPTER 13 OF THE FBC-R 2020 1TH SECTION MI3@51

- 3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION MIGOZ 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
- 1.) 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 £ R3144
- 8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM IS" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, TTH ED. P2801.T
- 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.

1Ø.)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 NFPATØ-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 NFPATØ-NEC2ØIT - ARTICLE 21Ø-52

25052(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

nere are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which re not less than ½ inch in diameter and at least 20 t. 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.

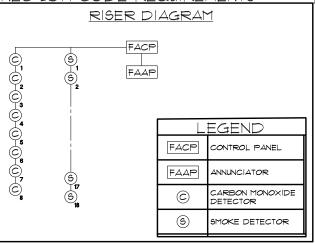
he steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing ods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated ith non-conductive material

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

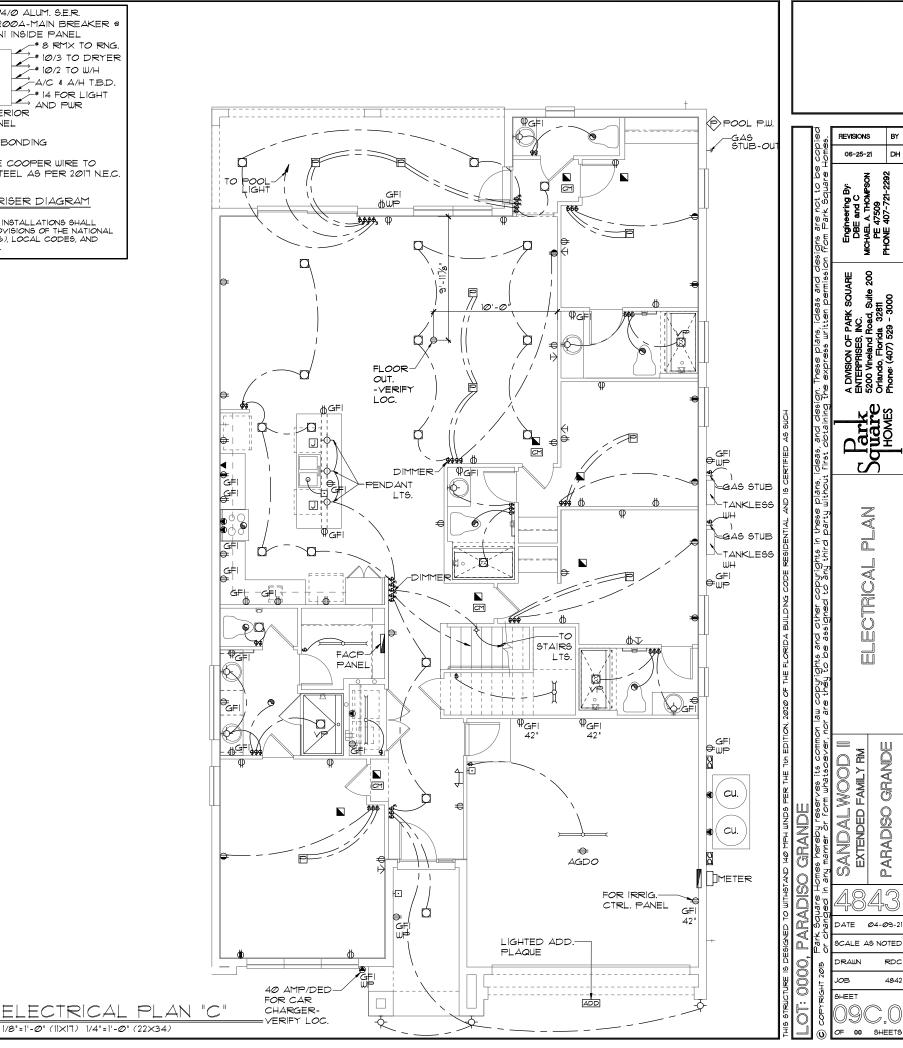
\*4/0 ALUM. S.E.R. 2004MP WP BREAKER 2004-MAIN BREAKER @ NI INSIDE PANEL \_# 8 RMX TO RNG. METER -# 10/3 TO DRYER # 10/2 TO W/H A/C & A/H T.B.D. SECONDARY \* 14 FOR LIGHT FEED BY AND PWR UTILITY CO. INTERIOR PANEL -INTERSYSTEM BONDING TERMINATION -BOND \*4 BARE COOPER WIRE TO FOUNDATION STEEL AS PER 2017 N.E.C. 25Ø.52(AX3) ELECTRICAL RISER DIAGRAM N.T.S. ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(AX1) TO (6), LOCAL CODES, AND

HE LOCAL POWER COMPANY

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         | $\forall$ | OUTLET, TV/CABLE                                     |  |  |
| \$3                      | THREE WAY SWITCH           | ┫         | OUTLET, PHONE  |  |  |
| <b>=</b>                 | OUTLET 110-115             | ŏ         | INTERCOM   |  |  |
| <del></del>              | OUT. 110-115, SPLIT WIRED  | 00        | CHIME5   |  |  |
| =                        | OUT. 110-115, W/ USB       |           | SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE |  |  |
| <del></del>              | OUT. 110-115, CLG. MOUNT.  | E         | CARBON MONOXIDE                                      |  |  |
| $\ominus$                | OUT. 110-115, FLR. MOUNT.  | ŏ         | PUSH BUTTON  |  |  |
| ●                        | SPCL. PURPOSE 220-240      | 6         | EXHAUST FAN  |  |  |
| ф                        | LIGHT FIXT., CLG. MTD.     | \$        | EX. FAN/LIGHT COMBO                                  |  |  |
| ф                        | LIGHT FIXT., WALL MTD.     | 0         | DISPOSAL   |  |  |
|                          | LED LIGHT FIXT., RECESSED  | 1         | ELECTRICAL PANEL                                     |  |  |
| E                        | LIGHT FIXT., REC. ADJUST.  | Ω.        | CEILING FAN, PREWIRE                                 |  |  |
| <del>\frac{1}{2}</del> C | LIGHT FIXT., PULL CHAIN    | Ш         | CEILING FAN, INSTALL                                 |  |  |
| $\coprod$                | LED LIGHT FIXT,FLUORESCENT | ٦         | ELECT. JUNCTION BOX                                  |  |  |
| 44                       | LIGHT FIXT., EXT. FLOODS   | DΤ        | THERMOSTAT   |  |  |
| EXIT                     | LIGHT FIXT., EMERG. EXIT   | D         | DISCONNECT SWITCH                                    |  |  |
|                          | LIGHT FIXT., EXIT/BACKUP   |           | ELEC. POWER METER                                    |  |  |
|                          |                            |           |  |  |  |



8

CTRICAL

GRANDE

PARADISO

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

2.)APPLIANCES SHALL BE ACESSIBLE FOR NSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION. A) CHAPTER 13 OF THE FBC-R 2020 1TH SECTION MI3051

3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION MIGOZ 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 GEC!

1.) SMOKE ALARMS SHALL BE IN ALL SLEEPING AREAS, SHALL BE INTERCONNECTED, SHALL BE WITHIN I' 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

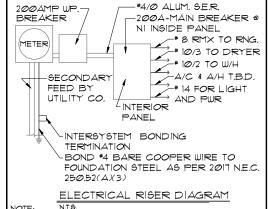
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM IS" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 1TH ED.

Ø.)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 NFPA7Ø-<u>NEC 2017</u>

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

2.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPATØ-NEC2ØIT - ARTICLE 210-52



N.T.S.

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

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

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

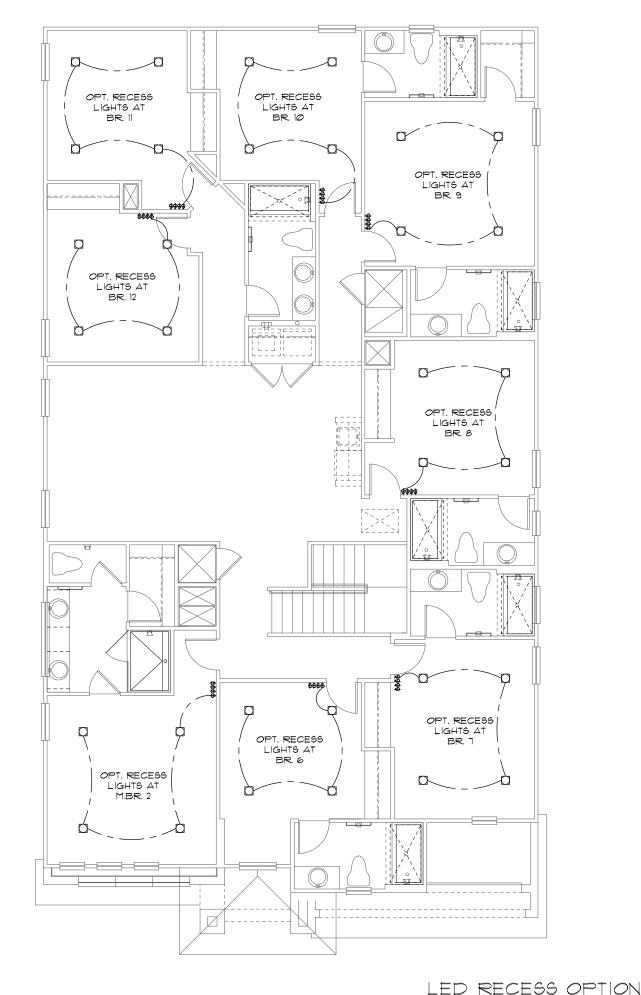
There are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than ½ inch in diameter and at least 20 . long, encased in 2 inches of concrete± (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.

he 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.

bection 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 urisdictions, if the footings or foundations have peen 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 equired.

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 !                | LEC | #END                 |
|------------|-----------------------------|-----|----------------------|
| \$         | SINGLE POLE SWITCH          |     | OUTLET, TV/CABLE     |
| \$3        | THREE WAY SWITCH            | ◂   | OUTLET, PHONE        |
|            | OUTLET 110-115              | ŏ   | INTERCOM             |
|            | OUT. 110-115, SPLIT WIRED   | 00  | CHIMES               |
| <b>(</b>   | OUT. 110-115, W/ USB        |     | SMOKE DETECTOR       |
| ф          | OUT. 110-115, CLG. MOUNT.   | E   | CARBON MONOXIDE      |
| Ф          | OUT. 110-115, FLR. MOUNT.   | ŏ   | PUSH BUTTON          |
| •          | SPCL. PURPOSE 220-240       | 6   | EXHAUST FAN          |
| ф          | LIGHT FIXT., CLG. MTD.      | \$  | EX. FAN/LIGHT COMBO  |
| ф          | LIGHT FIXT., WALL MTD.      | 0   | DISPOSAL             |
|            | LED LIGHT FIXT., RECESSED   | I   | ELECTRICAL PANEL     |
| E          | LIGHT FIXT., REC. ADJUST.   |     | CEILING FAN, PREWIRE |
| <b>₽</b> C | LIGHT FIXT., PULL CHAIN     | ш   | CEILING FAN, INSTALL |
| $\prod$    | LED- LIGHT FIXT,FLUORESCENT | ٦   | ELECT. JUNCTION BOX  |
| 44         | LIGHT FIXT., EXT. FLOODS    | DΤ  | THERMOSTAT           |
| EXIT       | LIGHT FIXT., EMERG. EXIT    | DC  | DISCONNECT SWITCH    |
|            | LIGHT FIXT., EXIT/BACKUP    |     | ELEC. POWER METER    |
|            |                             |     |                      |



UPPER ELECTRICAL PLAN "OPT, LED" 1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)

1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)

ering By: and C

Ш

WOOD | FAMILY RM

ANDAL EXTENDED

DATE Ø4-Ø9-: SCALE AS NOTED

4842

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

2.)APPLIANCES SHALL BE ACESSIBLE FOR NSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION. A) CHAPTER 13 OF THE FBC-R 2020 1TH SECTION MI3@51

- 3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION MIGOZ 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
- 1.) SMOKE ALARMS SHALL BE IN ALL SLEEPING AREAS, SHALL BE INTERCONNECTED, SHALL BE WITHIN I' 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 £ ₹3144
- 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. P28Ø1.7
- 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.

IØ.)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

- II.) ALL ELECTRICAL WORK TO BE DONE PER NFPATØ-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 NFPATØ-NEC2ØIT - ARTICLE 210-52

25052(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.

here are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than ½ inch in diameter and at least 20 t. 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.

he 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 uith non-conductive material

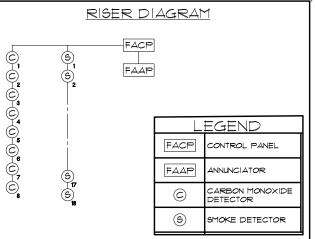
Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings or foundations have been poured before the electrical contractor arrive's 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 equired.

\*4/Ø ALUM. S.E.R. 2004MP WP BREAKER -200A-MAIN BREAKER @ NI INSIDE PANEL -# 8 RMX TO RNG. METER -\* 10/3 TO DRYER # 10/2 TO W/H A/C & A/H T.B.D. -SECONDARY # 14 FOR LIGHT FEED BY AND PWR LINTERIOR PANEL -INTERSYSTEM BONDING TERMINATION -BOND #4 BARE COOPER WIRE TO FOUNDATION STEEL AS PER 2011 N.E.C. 25Ø.52(A)(3) ELECTRICAL RISER DIAGRAM N.T.S. ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(AXI) TO (6), LOCAL CODES, AND

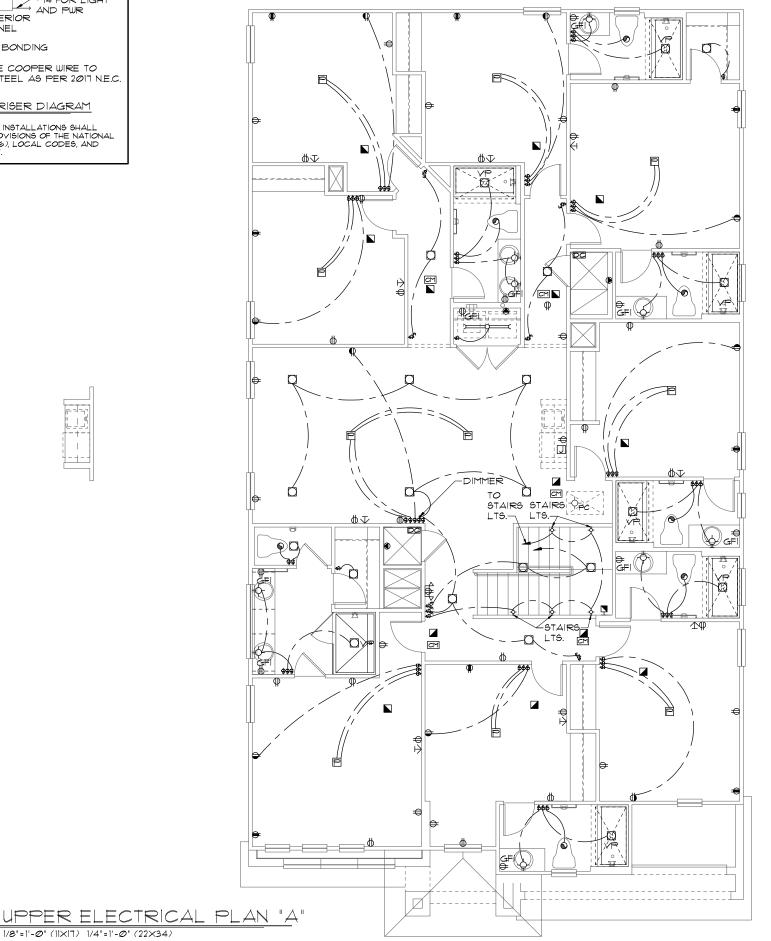
1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)

HE LOCAL POWER COMPANY

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         | $\forall$ | OUTLET, TV/CABLE                                     |  |  |
| \$3              | THREE WAY SWITCH           | •         | OUTLET, PHONE  |  |  |
| <b>+</b>         | OUTLET 110-115             | ŭ         | INTERCOM   |  |  |
| <del></del>      | OUT. 110-115, SPLIT WIRED  | 00        | CHIMES   |  |  |
| =                | OUT. 110-115, W/ USB       |           | SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE |  |  |
| <del>+</del>     | OUT. 110-115, CLG. MOUNT.  | ŭ         | CARBON MONOXIDE                                      |  |  |
| ⊖                | OUT. 110-115, FLR. MOUNT.  | ŭ         | PUSH BUTTON  |  |  |
| ₽                | SPCL. PURPOSE 220-240      | 6         | EXHAUST FAN  |  |  |
| $\Diamond$       | LIGHT FIXT., CLG. MTD.     | 4         | EX. FAN/LIGHT COMBO                                  |  |  |
| ф                | LIGHT FIXT., WALL MTD.     | 0         | DISPOSAL   |  |  |
| Ö                | LED LIGHT FIXT., RECESSED  | I         | ELECTRICAL PANEL                                     |  |  |
| E                | LIGHT FIXT., REC. ADJUST.  | Ω         | CEILING FAN, PREWIRE                                 |  |  |
| Ŷ <del>P</del> C | LIGHT FIXT., PULL CHAIN    | H         | CEILING FAN, INSTALL                                 |  |  |
| $\mathbb{H}$     | LED LIGHT FIXT.FLUORESCENT |           | ELECT. JUNCTION BOX                                  |  |  |
| 44               | LIGHT FIXT., EXT. FLOODS   | DŤ        | THERMOSTAT   |  |  |
| EXIT             | LIGHT FIXT., EMERG. EXIT   | D         | DISCONNECT SWITCH                                    |  |  |
| $\Box$           | LIGHT FIXT., EXIT/BACKUP   |           | ELEC. POWER METER                                    |  |  |
|                  |                            |           |  |  |  |



ering By: and C

WOOD |  $\overline{\mathbb{Q}}$ 

GRANDE ANDA EXTENDE

PARADISO

GALE AS NOTED

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

2.)APPLIANCES SHALL BE ACESSIBLE FOR NSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION. A) CHAPTER 13 OF THE FBC-R 2020 1TH SECTION MI3@51

- 3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION MIGOZ 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
- 1.) SMOKE ALARMS SHALL BE IN ALL SLEEPING AREAS, SHALL BE INTERCONNECTED, SHALL BE WITHIN I' 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 £ ₹3144
- 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. P28Ø1.7
- 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.

IØ.)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

- II.) ALL ELECTRICAL WORK TO BE DONE PER NFPATØ-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 NFPATØ-NEC2ØIT - ARTICLE 210-52

25052(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.

here are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than ½ inch in diameter and at least 20 t. 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.

he 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 uith non-conductive material

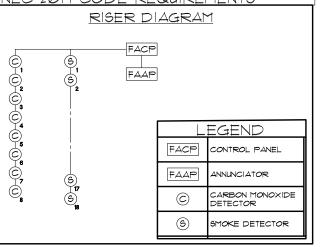
Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings or foundations have been poured before the electrical contractor arrive's 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 equired.

\*4/Ø ALUM. S.E.R. 2004MP WP BREAKER -200A-MAIN BREAKER @ NI INSIDE PANEL -# 8 RMX TO RNG. METER -\* 10/3 TO DRYER # 10/2 TO W/H A/C & A/H T.B.D. -SECONDARY # 14 FOR LIGHT FEED BY AND PWR INTERIOR PANEL -INTERSYSTEM BONDING TERMINATION -BOND #4 BARE COOPER WIRE TO FOUNDATION STEEL AS PER 2011 N.E.C. 25Ø.52(A)(3) ELECTRICAL RISER DIAGRAM N.T.S. ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(AXI) TO (6), LOCAL CODES, AND

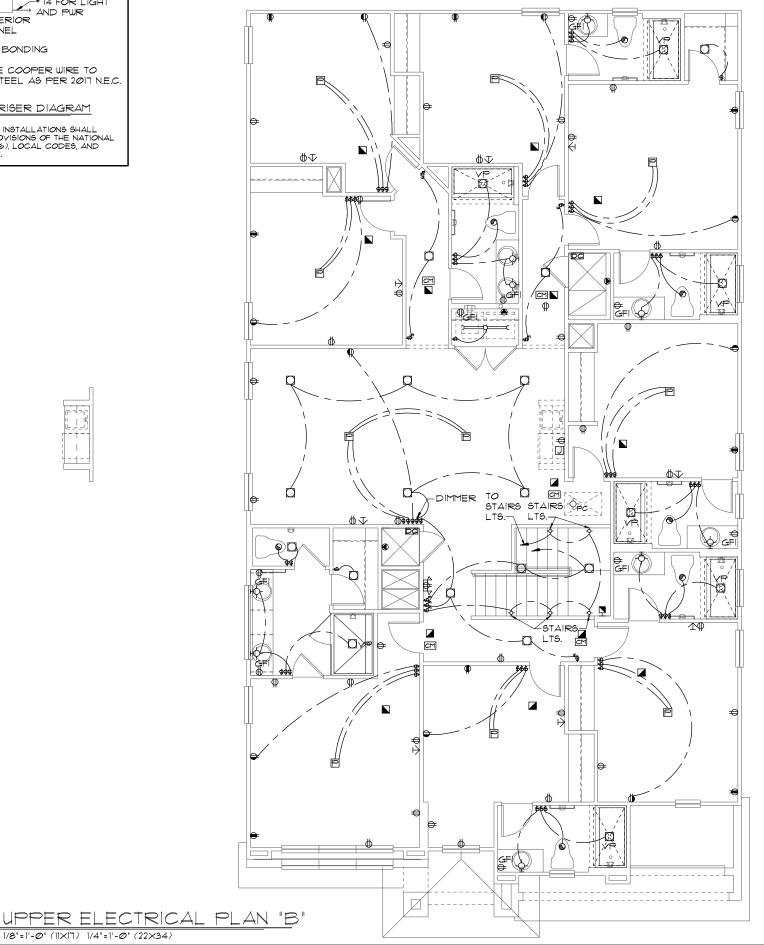
1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)

HE LOCAL POWER COMPANY

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         | $\forall$ | OUTLET, TV/CABLE                                     |  |
| \$3              | THREE WAY SWITCH           | •         | OUTLET, PHONE  |  |
| <b>+</b>         | OUTLET 110-115             | ŏ         | INTERCOM   |  |
| <del>=</del>     | OUT. 110-115, SPLIT WIRED  | 00        | CHIME5   |  |
| =                | OUT. 110-115, W/ USB       |           | SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE |  |
| <del>+</del>     | OUT. 110-115, CLG. MOUNT.  | CM        | CARBON MONOXIDE                                      |  |
| ⊖                | OUT. 110-115, FLR. MOUNT.  | 武         | PUSH BUTTON  |  |
| ₽                | SPCL. PURPOSE 220-240      | 6         | EXHAUST FAN  |  |
| $\Diamond$       | LIGHT FIXT., CLG. MTD.     | \$        | EX. FAN/LIGHT COMBO                                  |  |
| ф                | LIGHT FIXT., WALL MTD.     | 0         | DISPOSAL   |  |
|                  | LED LIGHT FIXT., RECESSED  | /         | ELECTRICAL PANEL                                     |  |
|                  | LIGHT FIXT., REC. ADJUST.  | Ω         | CEILING FAN, PREWIRE                                 |  |
| Ŷ <del>P</del> C | LIGHT FIXT., PULL CHAIN    | F         | CEILING FAN, INSTALL                                 |  |
| H                | LED LIGHT FIXT,FLUORESCENT | J         | ELECT, JUNCTION BOX                                  |  |
| 44               | LIGHT FIXT., EXT. FLOODS   | DΤ        | THERMOSTAT   |  |
| EXIT             | LIGHT FIXT., EMERG. EXIT   | DC        | DISCONNECT SWITCH                                    |  |
|                  | LIGHT FIXT., EXIT/BACKUP   | П         | ELEC. POWER METER                                    |  |
|                  |                            |           |  |  |



ering By: and C

8

PARK SOUA INC. Road, Suite of a 32811 S29 - 3000

ECTRICAL 

GRANDE WOOD |  $\overline{\mathbb{Q}}$ ANDA EXTENDE

PARADISO

SCALE AS NOTED

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

2.)APPLIANCES SHALL BE ACESSIBLE FOR NSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION. A) CHAPTER 13 OF THE FBC-R 2020 1TH SECTION MI305.1

- 3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION MIG02 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
- 1.) SMOKE ALARMS SHALL BE IN ALL SLEEPING AREAS, SHALL BE INTERCONNECTED, SHALL BE WITHIN I' 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 ₫ R3144
- 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. P28Ø1.7
- 9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM IS" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT, IAW FBCR 2020, 1TH ED

1Ø.)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 NFPATØ-**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 NFPATØ-NEC2ØIT - ARTICLE 210-52

250,52(AX3) Concrete-Encased Electrode Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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

There are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than ½ inch in diameter and at least 20 t. 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.

he steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing ods 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 uith 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 nave 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 boured 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

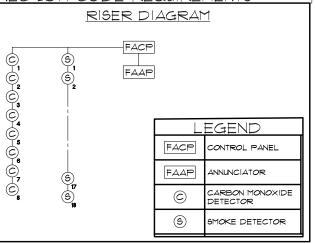
BREAKER -200A-MAIN BREAKER @ NI INSIDE PANEL - # 8 RMX TO RNG. METER -# 10/3 TO DRYER # 10/2 TO W/H A/C & A/H T.B.D. SECONDARY \* 14 FOR LIGHT FEED BY AND PWR LINTERIOR PANEL -INTERSYSTEM BONDING TERMINATION -BOND \*4 BARE COOPER WIRE TO FOUNDATION STEEL AS PER 2017 N.E.C. 25Ø.52(A)(3) ELECTRICAL RISER DIAGRAM N.T.S. ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(AXI) TO (6), LOCAL CODES, AND

2004MP WP

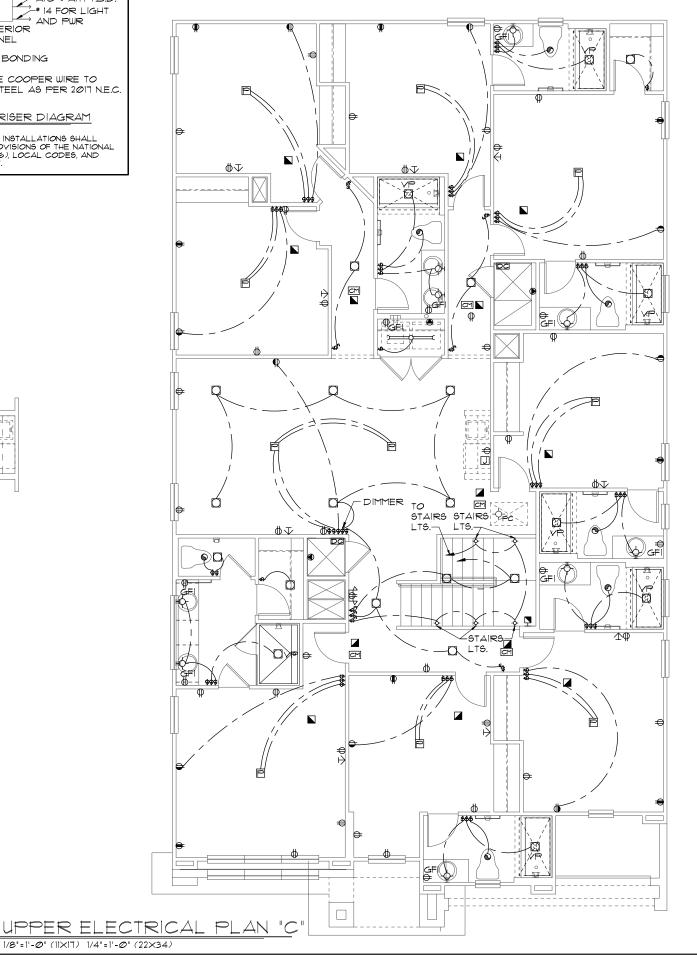
HE LOCAL POWER COMPANY

\*4/0 ALUM. S.E.R.

<u>NOTE:</u> 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 FW2-5 SHALL BE INSTALLED PURSUANT THE MANUFACTURE REQUIREMENTS AND NEC 2017 CODE REQUIREMENTS



| ELECTRICAL LEGEND    |                            |           |  |
|----------------------|----------------------------|-----------|--|
| \$                   | SINGLE POLE SWITCH         | $\forall$ | OUTLET, TV/CABLE                                     |
| \$3                  | THREE WAY SWITCH           | •         | OUTLET, PHONE  |
| <b>#</b>             | OUTLET 110-115             | ŏ         | INTERCOM   |
| •                    | OUT. 110-115, SPLIT WIRED  | 00        | CHIMES   |
| €                    | OUT. 110-115, W/ USB       |           | SMOKE DETECTOR/SMOKE ALARM W/INTEGRATED SOUNDER BASE |
| <b>#</b>             | OUT. 110-115, CLG. MOUNT.  | E         | CARBON MONOXIDE                                      |
| ⊖                    | OUT. 110-115, FLR. MOUNT.  | ō         | PUSH BUTTON  |
| ₽                    | SPCL. PURPOSE 220-240      | 0         | EXHAUST FAN  |
| ф                    | LIGHT FIXT., CLG. MTD.     | \$        | EX. FAN/LIGHT COMBO                                  |
| <del></del>          | LIGHT FIXT., WALL MTD.     | 0         | DISPOSAL   |
|                      | LED LIGHT FIXT., RECESSED  | /         | ELECTRICAL PANEL                                     |
| E                    | LIGHT FIXT., REC. ADJUST.  | Ω         | CEILING FAN, PREWIRE                                 |
| -Ģ₽C                 | LIGHT FIXT., PULL CHAIN    | ш         | CEILING FAN, INSTALL                                 |
| $\breve{\mathbb{H}}$ | LED LIGHT FIXT,FLUORESCENT | ٦         | ELECT. JUNCTION BOX                                  |
| 44                   | LIGHT FIXT., EXT. FLOODS   | DΤ        | THERMOSTAT   |
| EXIT                 | LIGHT FIXT., EMERG. EXIT   | D         | DISCONNECT SWITCH                                    |
| $\bigoplus$          | LIGHT FIXT., EXIT/BACKUP   |           | ELEC. POWER METER                                    |
|                      |                            |           |  |

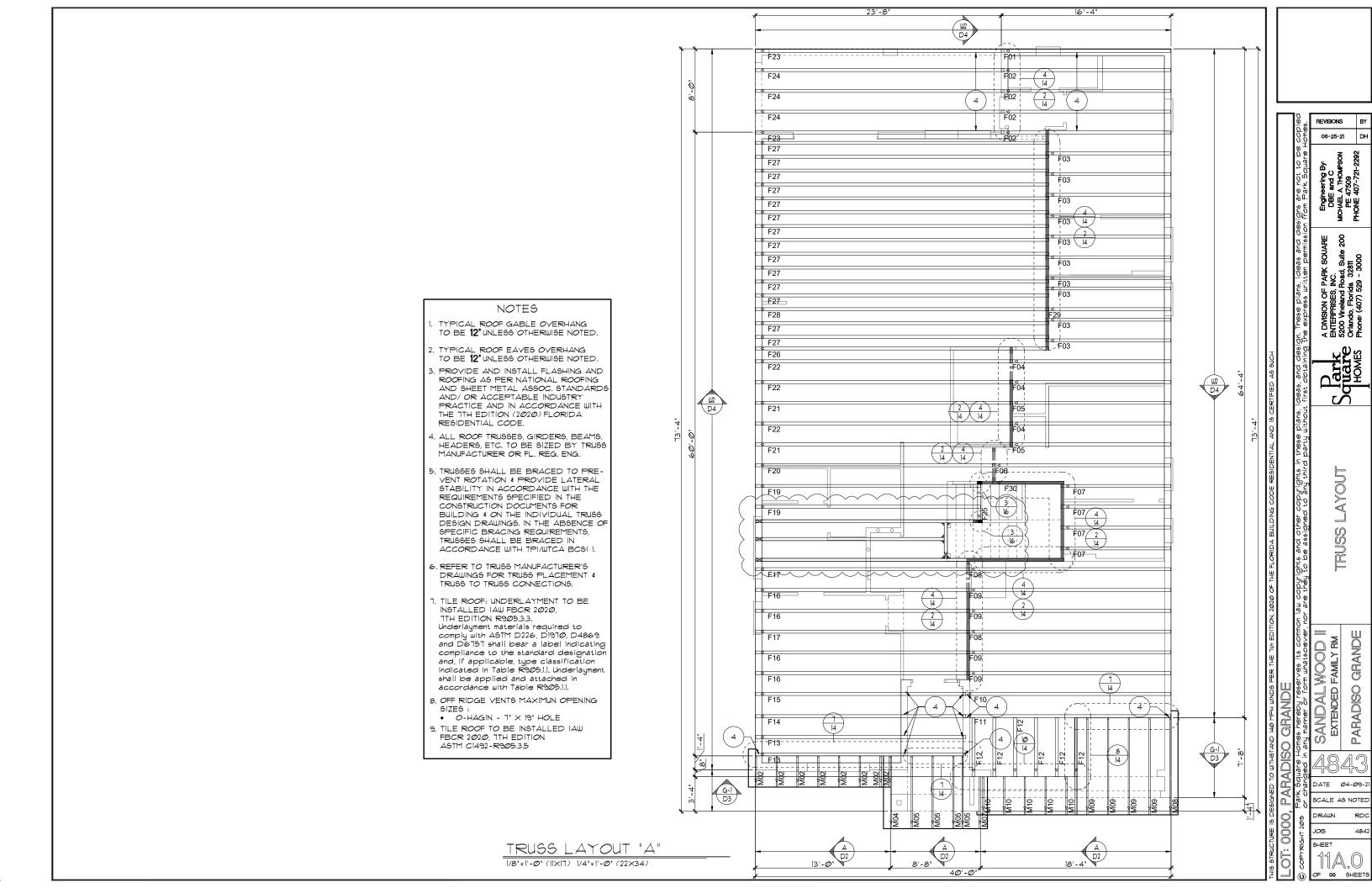


Ш

GRANDE WOOD | FAMILY RM  $\overline{\mathbb{Q}}$ AND.

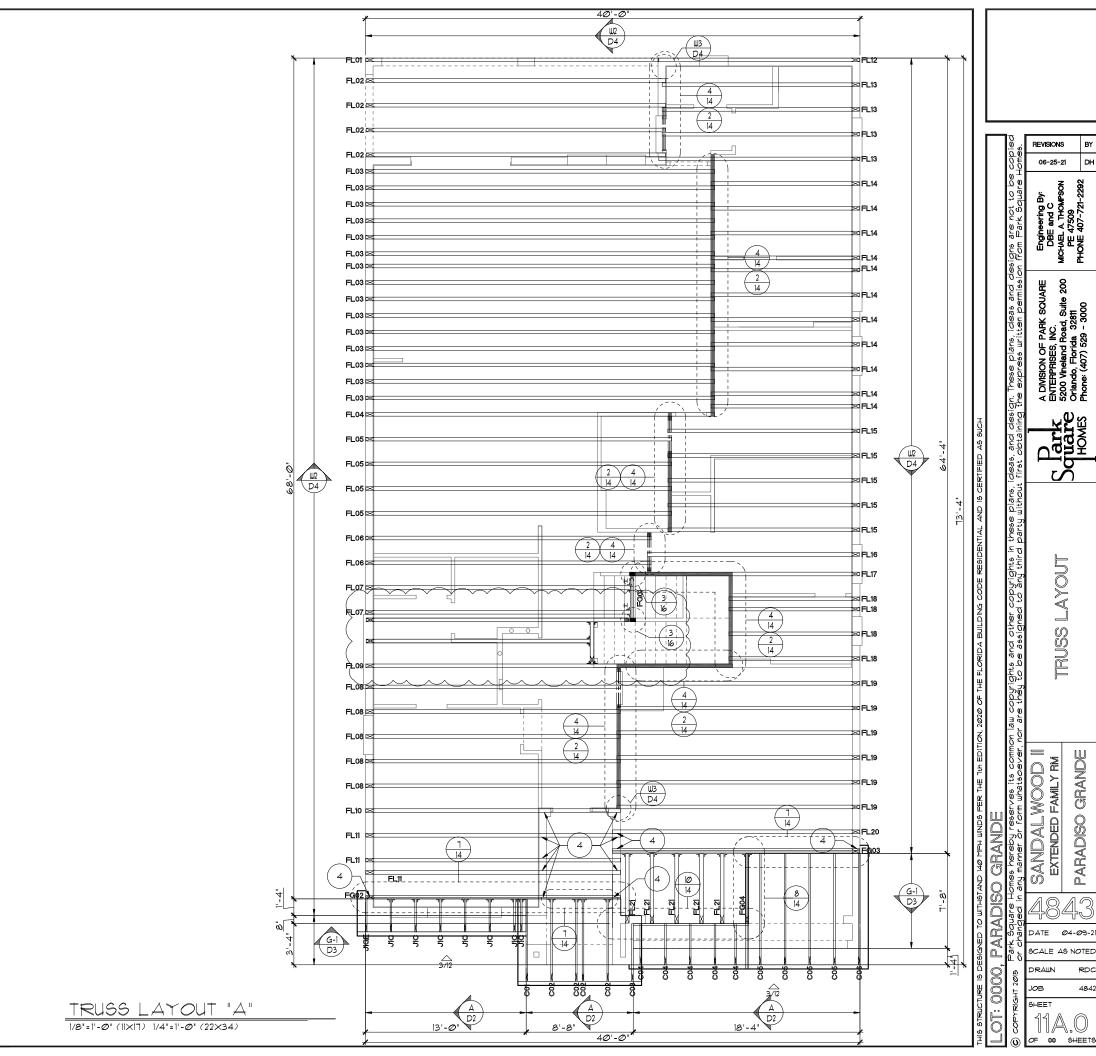
SCALE AS NOTED

SHEE1



# 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 1TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
- 4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- 5. TRUSSES SHALL BE BRACED TO PRE-VENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCSI I
- 6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT 4 TRUSS TO TRUSS CONNECTIONS.
- TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, TTH EDITION R905.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.I.I. Underlayment shall be applied and attached in accordance with Table R905.1.1.
- 8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
- O-HAGIN 7" × 19" HOLE
- 9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 1TH EDITION ASTM C1492-R905.3.5

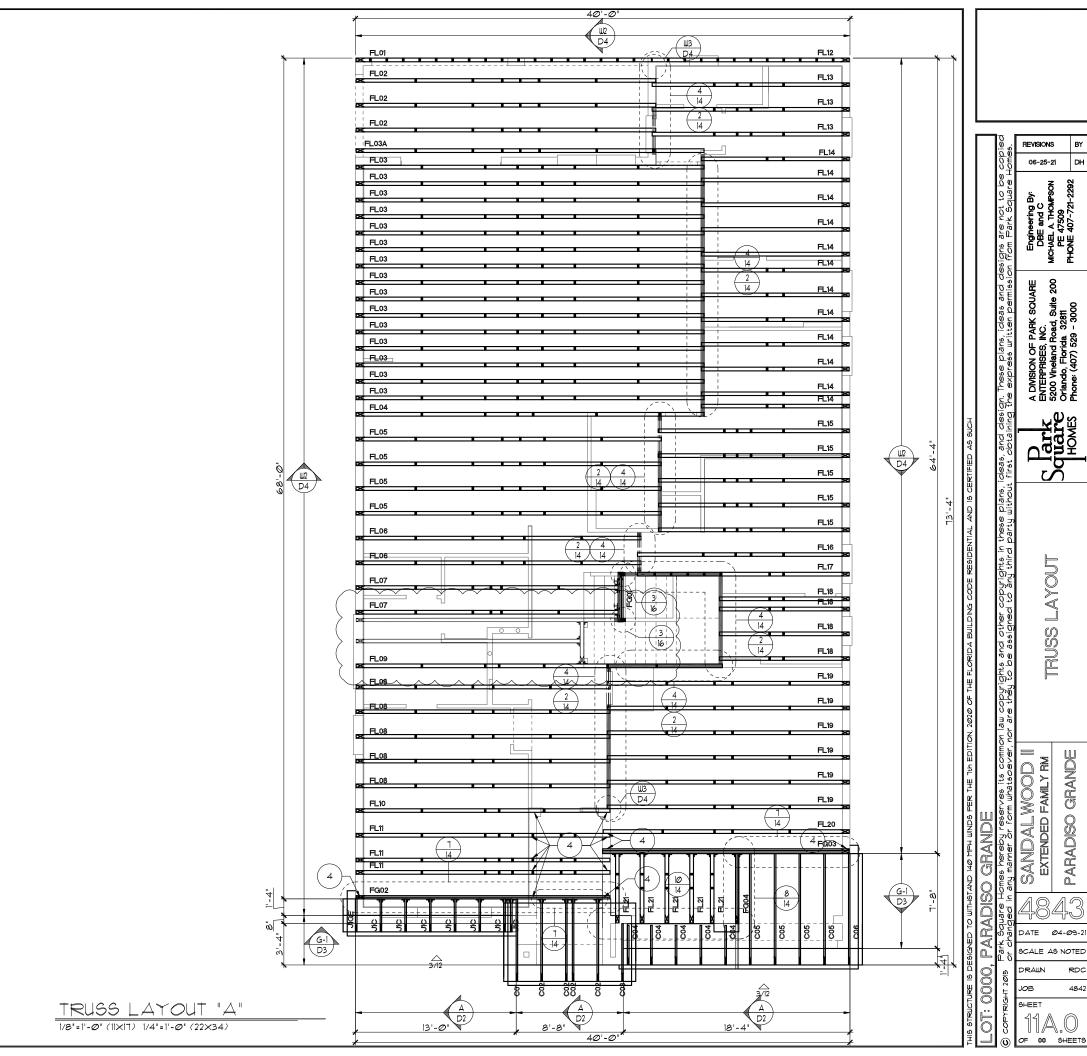


HUSS.

PARADISO GRANDE

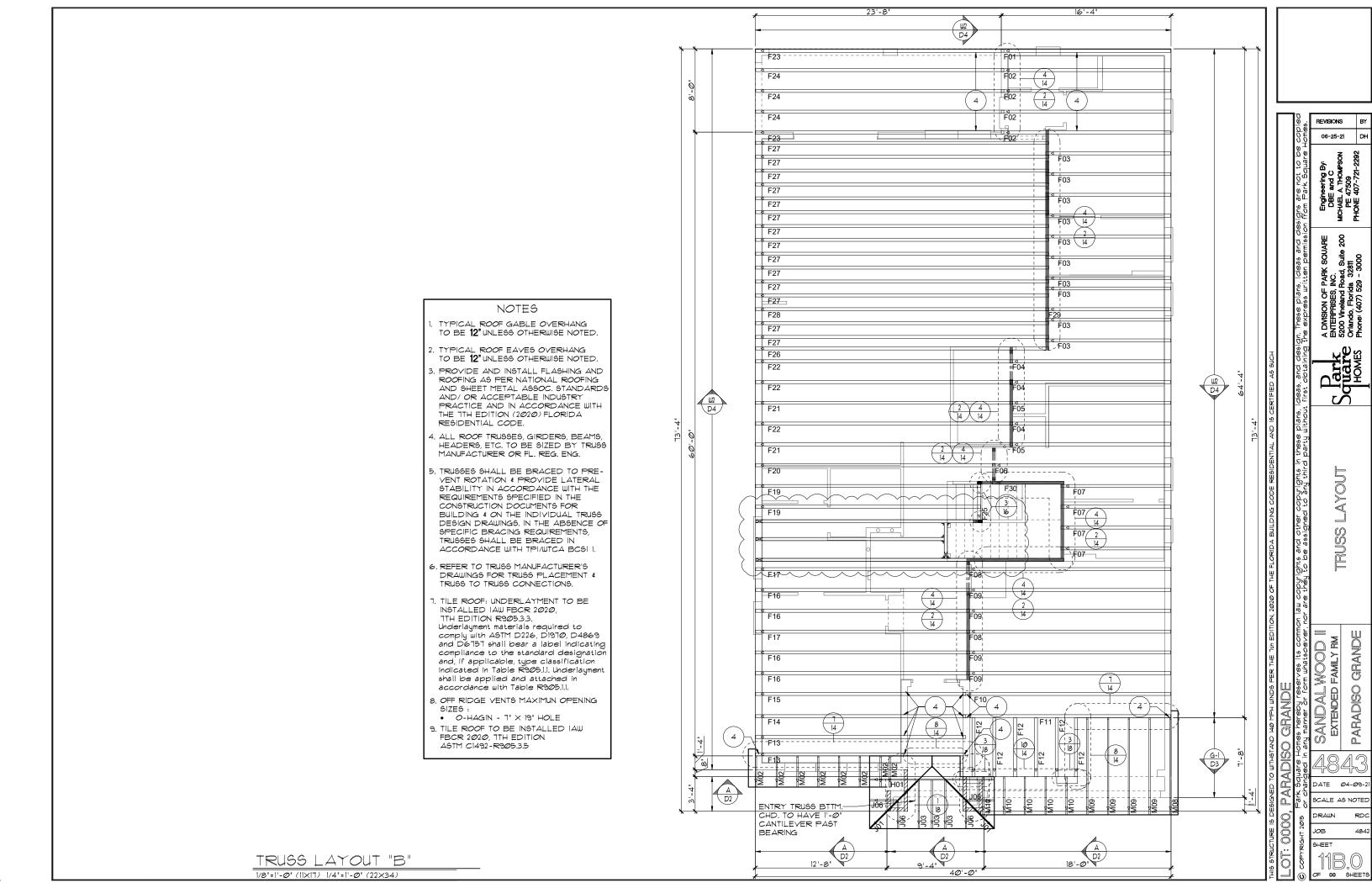
# NOTES

- 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 1TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
- 4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- 5. TRUSSES SHALL BE BRACED TO PRE-VENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCSI I
- 6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT 4 TRUSS TO TRUSS CONNECTIONS.
- TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, TH EDITION R905.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.I.I. Underlayment shall be applied and attached in accordance with Table R905.1.1.
- 8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
- O-HAGIN 7" × 19" HOLE
- 9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 1TH EDITION ASTM C1492-R905.3.5



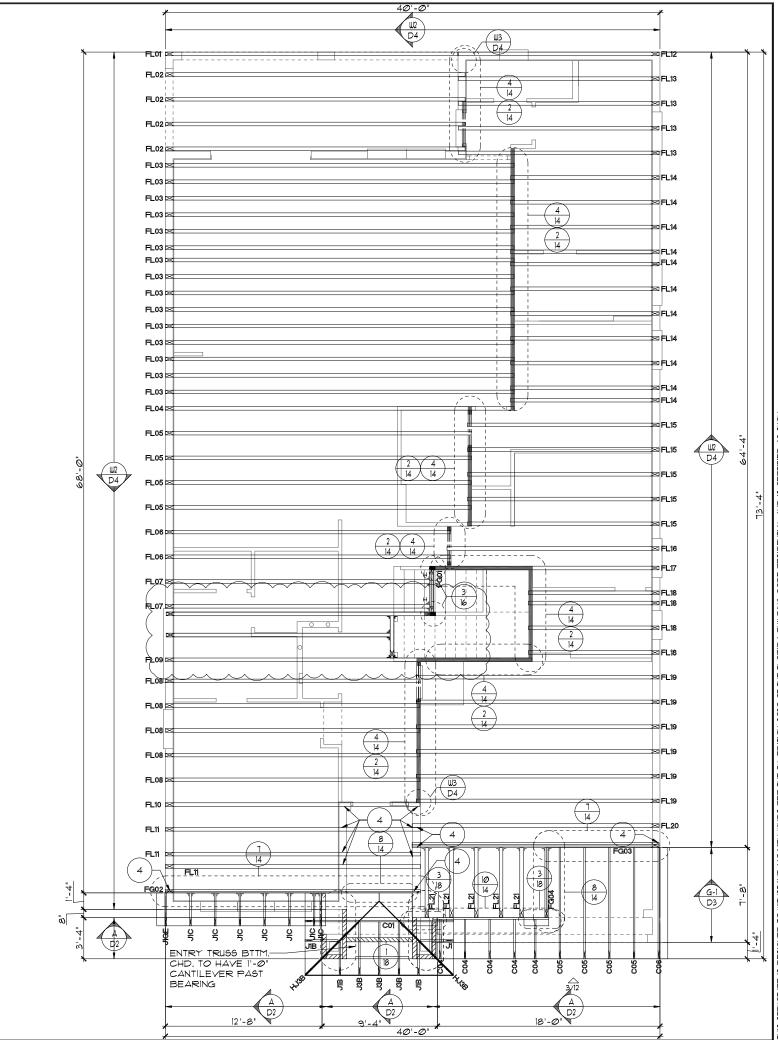
HUSS.

PARADISO GRANDE



# 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 1TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
- 4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- 5. TRUSSES SHALL BE BRACED TO PRE-VENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCSI I
- 6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT 4 TRUSS TO TRUSS CONNECTIONS.
- TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, TTH EDITION R905.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.I.I. Underlayment shall be applied and attached in accordance with Table R905.1.1.
- 8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
- O-HAGIN 7" × 19" HOLE
- 9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 1TH EDITION ASTM C1492-R905.3.5



TRUSS LAYOUT "B" 1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)

DATE Ø4-Ø9-21

PARADISO GRANDE

WOOD |

SANDAL VEXTENDED F

REVISIONS

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

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

SHEET

OF 00 SHEETS

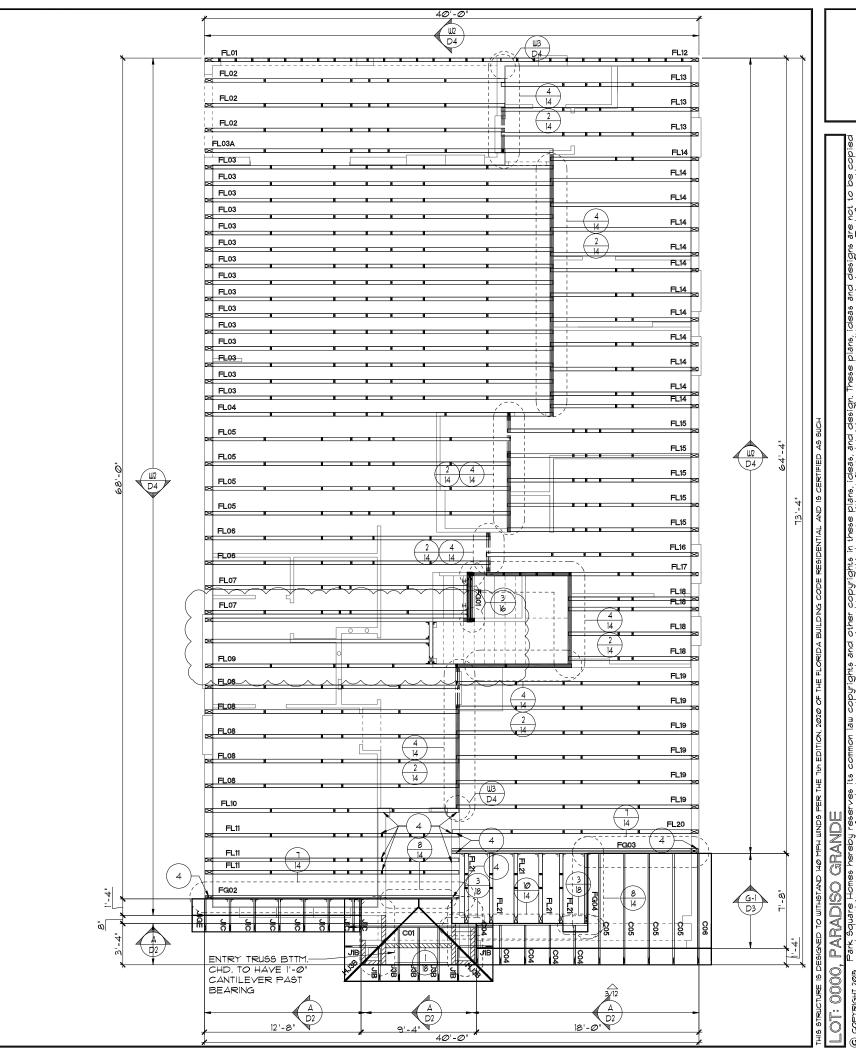
### NOTES

- 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 1TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
- 4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- 5. TRUSSES SHALL BE BRACED TO PRE-VENT 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/WITCA BCSI I.
- 6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- 1. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, TTH EDITION R905.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
- 8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :

TRUSS LAYOUT "B"

1/8"=1'-Ø" (11×17) 1/4"=1<u>'</u>-Ø" (22×34)

- O-HAGIN 7" × 19" HOLE
- 9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 1TH EDITION ASTM C1492-R905,3.5



REVISIONS

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

A DWISION OF PARK SOUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 3231 Phone: (407) 529 - 3000

HUSS.

PARADISO GRANDE

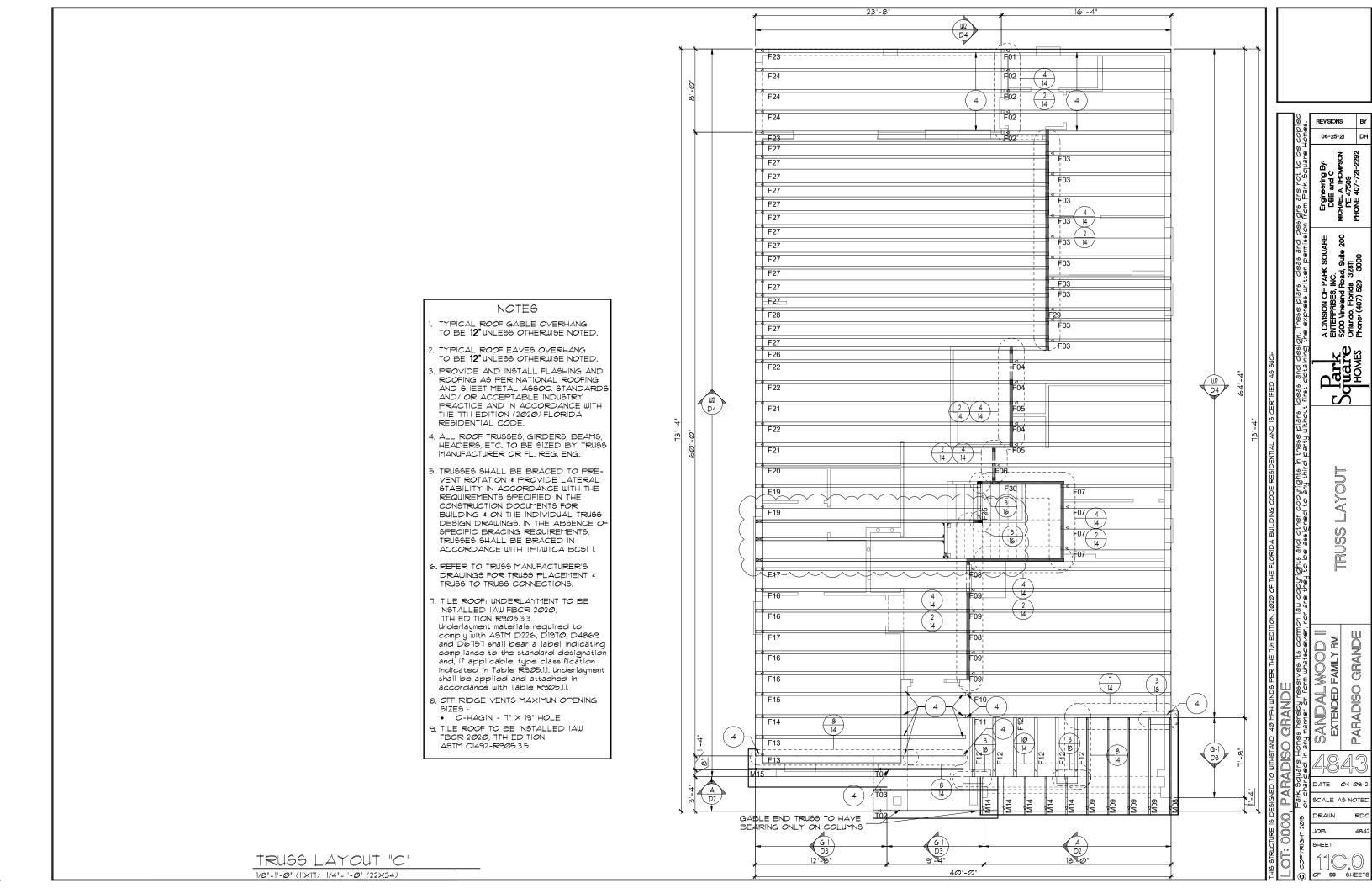
WOOD | FAMILY RM

SANDAL V EXTENDED F

SHEET

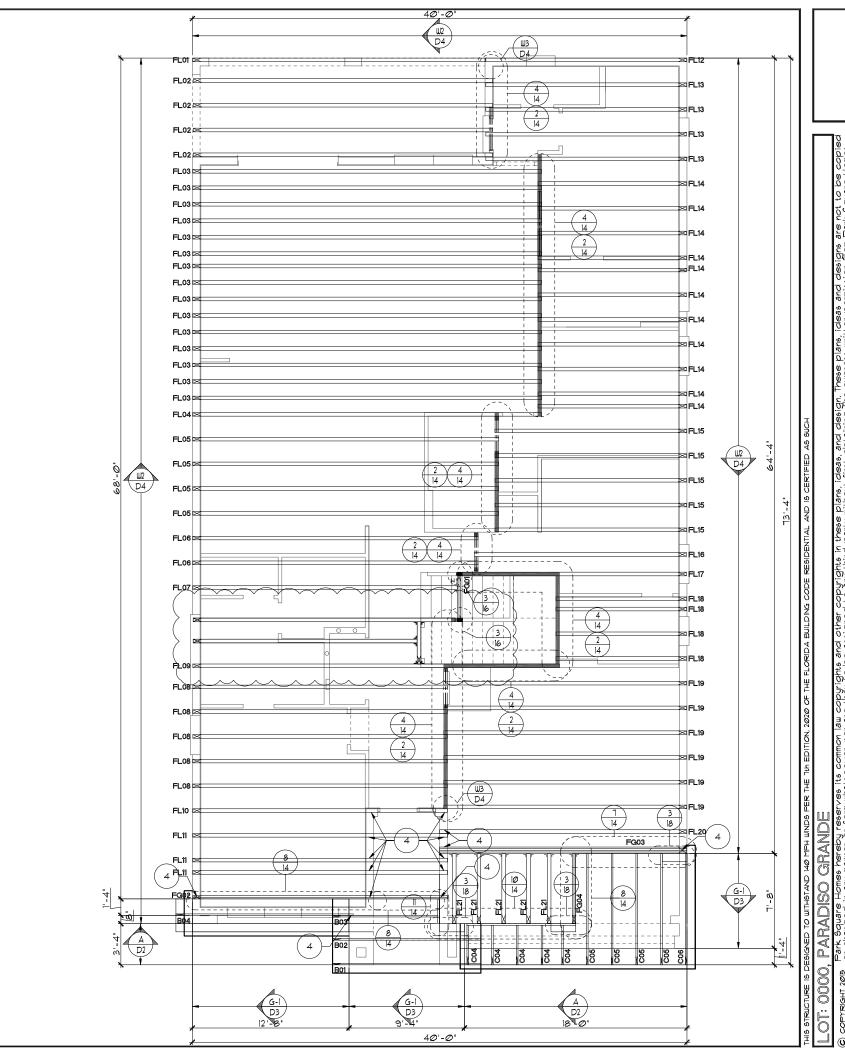
DATE 04-09-21 SCALE AS NOTED

OF 00 SHEETS



### NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 1TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
- 4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- 5. TRUSSES SHALL BE BRACED TO PRE-VENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCSI I
- 6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT 4 TRUSS TO TRUSS CONNECTIONS.
- TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, TTH EDITION R905.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.I.I. Underlayment shall be applied and attached in accordance with Table R905.1.1.
- 8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
- O-HAGIN 7" × 19" HOLE
- 9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 1TH EDITION ASTM C1492-R905.3.5



REVISIONS

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

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

PARADISO GRANDE

WOOD |

SANDAL V EXTENDED F

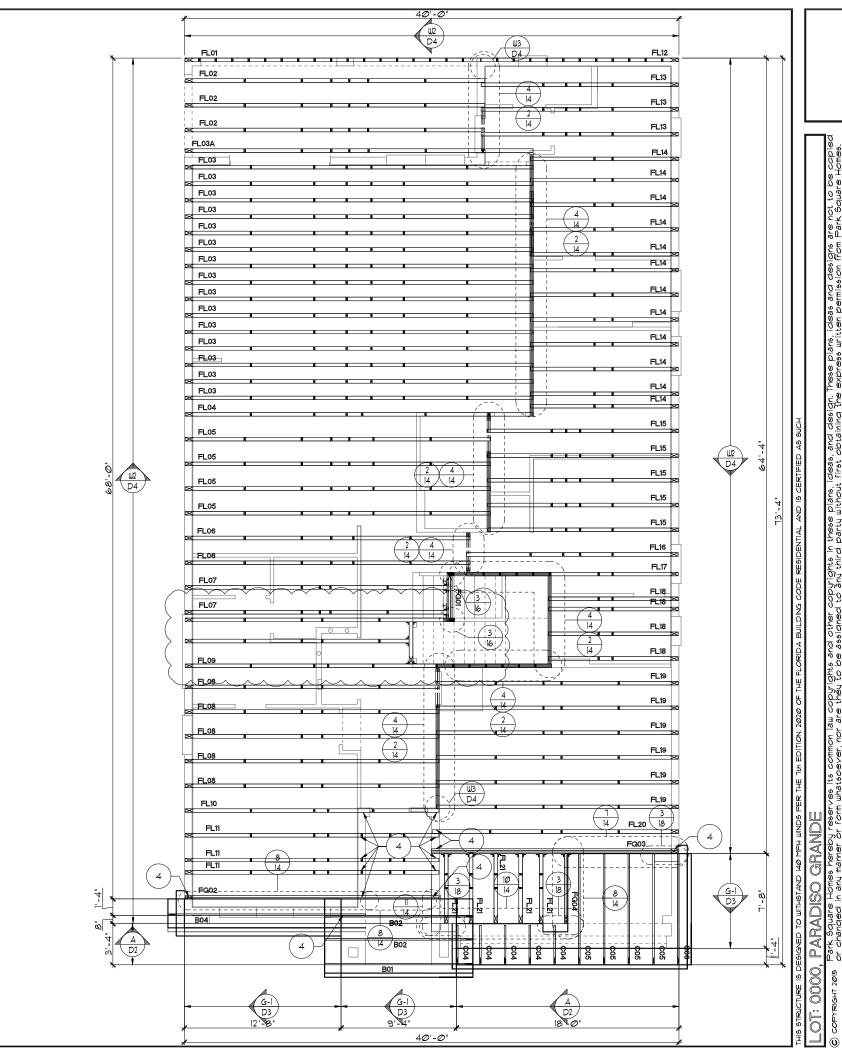
SHEET

DATE Ø4-Ø9-21

OF 00 SHEETS

# NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 1TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
- 4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- . TRUSSES SHALL BE BRACED TO PRE-VENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCSI I
- 6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT 4 TRUSS TO TRUSS CONNECTIONS.
- TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, TTH EDITION R905.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.I.I. Underlayment shall be applied and attached in accordance with Table R905.1.1.
- 8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
- O-HAGIN 7" × 19" HOLE
- 9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 1TH EDITION ASTM C1492-R905.3.5



REVISIONS

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

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

HUSS.

PARADISO GRANDE

WOOD | FAMILY RM

SANDAL V EXTENDED F

DATE Ø4-Ø9-21

SCALE AS NOTED

OF 00 SHEETS

SHEET

TRUSS LAYOUT "C" 1/8"=1'-Ø" (11×17) 1/4"=1<u>'</u>-Ø" (22×34)

PER FBC2020 1TH EDITION R806: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

TOTAL VENTED SPACE: 2,932SF. = 9.77S.F. NET FREE REQUIRED

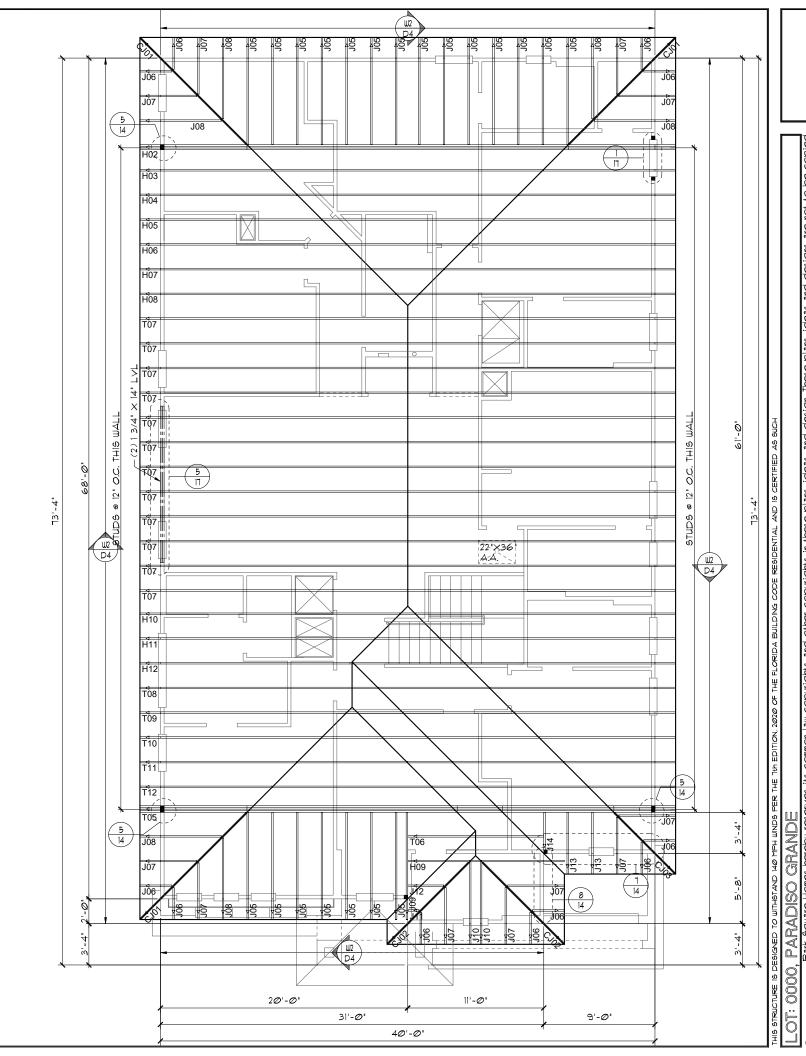
UPPER PORTION VENTILATION TOTAL: N/I
PROVIDED W/OFF RIDGE VENTS: 5 VENTS @ 978F. /VENT.
(TILE: O'HAGIN MODEL 'S', SHINGLE: LOMANCO 770-D OR
MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: N/I PROVIDED W/SOFFITS @ EAVE: N/I @ 0.0879F VENTING/LF.

UPPER PORTION PERCENTAGE: N/I
LOWER PORTION PERCENTAGE: N/I

#### 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 1TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
- 4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- 5. TRUSSES SHALL BE BRACED TO PRE-VENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCSI 1.
- 6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT 4 TRUSS TO TRUSS CONNECTIONS.
- 7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, TTH EDITION R905.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
- 8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
- O-HAGIN 7" × 19" HOLE
- 9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 1TH EDITION ASTM C1492-R905.3.5



REVISIONS

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

A DWISION OF PARK SOUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 3281 Phone: (407) 529 - 3000

HUSS

PARADISO GRANDE

WOOD I

SANDAL V EXTENDED F

SHEET

DATE Ø4-Ø9-21 SCALE AS NOTED

OF 00 SHEETS

TRUSS LATOUT "A"

1/8'=1'-0' (1|X|T) 1/4'=1'-0' (22×34)

PER FBC2020 1TH EDITION R806: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

TOTAL VENTED SPACE: 2,9328F. = 9.778F. NET FREE

REG

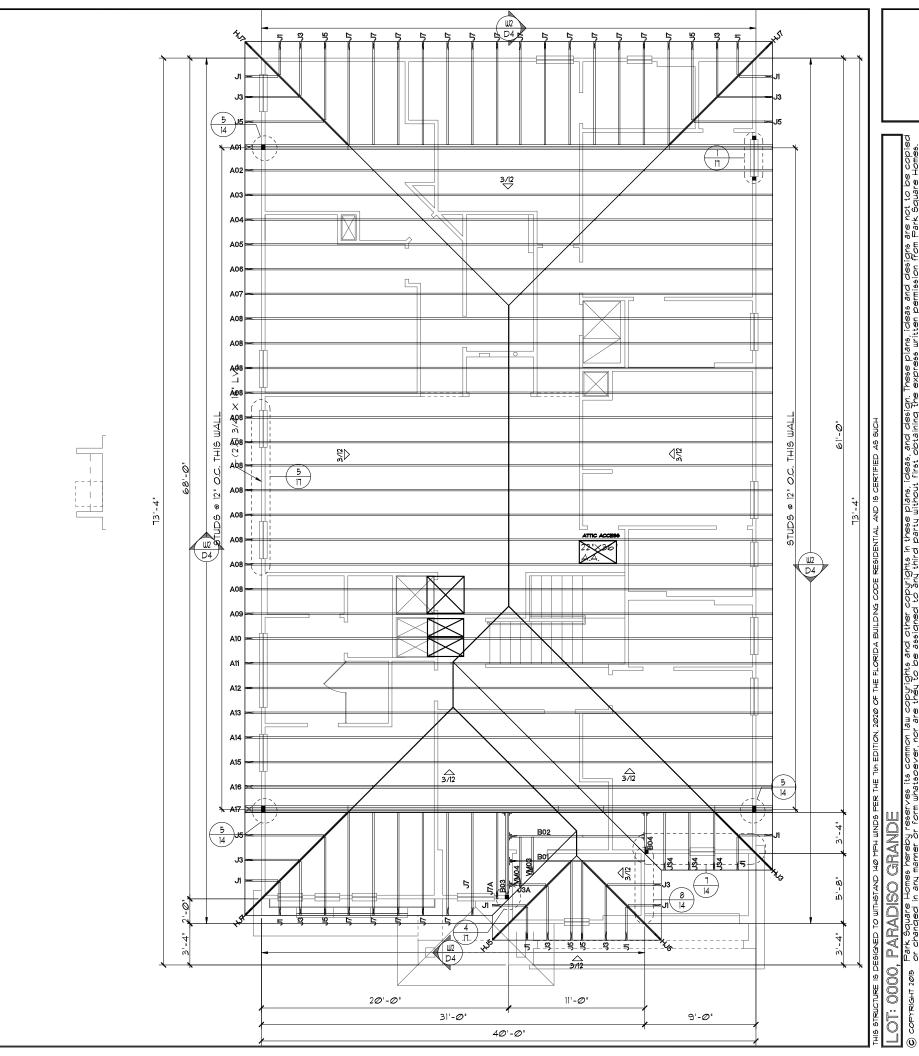
UPPER PORTION VENTILATION TOTAL: N/I PROVIDED W/OFF RIDGE VENTS: 5 VENTS 9.978.F. /VENT. (TILE: O"HAGIN MODEL "9", SHINGLE: LOMANCO 170-D OR MILLENNIUM METAL)

HILLERNIGHT HETALL LOWER PORTION VENTILATION TOTAL: N/I PROVIDED W/SOFFITS @ EAVE: N/I @ 0.0879F VENTING/LF.

UPPER PORTION PERCENTAGE: N/I
LOWER PORTION PERCENTAGE: N/I

#### 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 1TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
- 4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- 5. TRUSSES SHALL BE BRACED TO PRE-VENT 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 TPIJUTCA BCSI 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, TTH EDITION R905.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
- 8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
- O-HAGIN 7" × 19" HOLE
- 9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, TTH EDITION ASTM C1492-R905.3.5



REVISIONS

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

PARADISO GRANDE

WOOD I

SANDAL V EXTENDED F

DATE **Ø4-Ø9-**21

SCALE AS NOTED

OF 00 SHEETS

SHEET

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

PER FBC2020 1TH EDITION R806: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER

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

TOTAL VENTED SPACE: 2,932S.F. = 9.77S.F. NET FREE REQUIRED

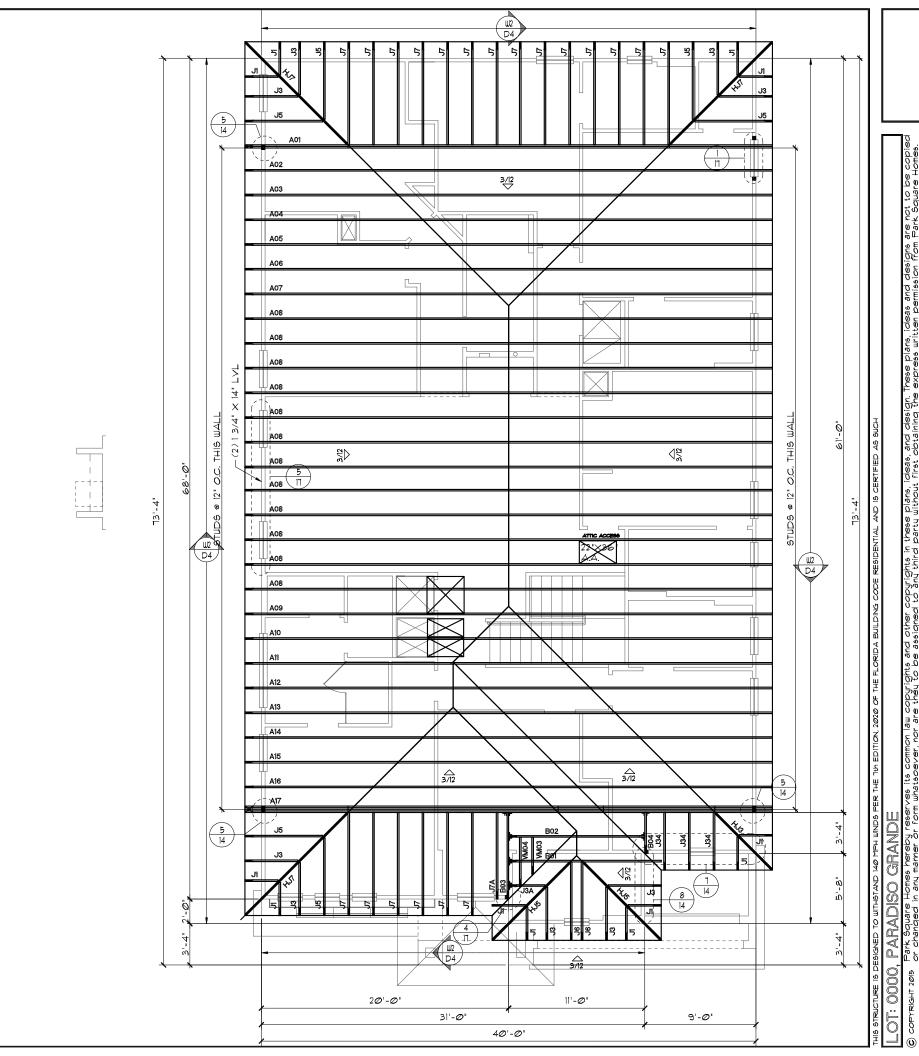
UPPER PORTION VENTILATION TOTAL: N/I
PROVIDED W/OFF RIDGE VENTS: 5 VENTS 9 978.F. /VENT. (TILE: O"HAGIN MODEL "S", SHINGLE: LOMANCO 770-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: N/I
PROVIDED W/SOFFITS @ EAVE: N/I @ 0.0879F VENTING/LF.

UPPER PORTION PERCENTAGE: N/I
LOWER PORTION PERCENTAGE: N/I

#### NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- 2. 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 1TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
- 4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- 5. TRUSSES SHALL BE BRACED TO PRE-VENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCSI I
- 6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- . TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, TH EDITION R905.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
- 8. OFF RIDGE YENTS MAXIMUN OPENING SIZES :
- O-HAGIN 7" × 19" HOLE
- 9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 1TH EDITION ASTM C1492-R905.3.5



REVISIONS

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

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

PARADISO GRANDE

SANDAL WOOD EXTENDED FAMILY RM

W)

DRAWN

SHEET

DATE Ø4-Ø9-21 SCALE AS NOTED

OF 00 SHEETS

TRUSS LAYOUT "A" 1/8"=1'-Ø" (11×17) 1/4"=1'-Ø" (22×34)

PER FBC2020 1TH EDITION R806: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

TOTAL VENTED SPACE: 2,932SF. = 9.77SF. NET FREE

- REG

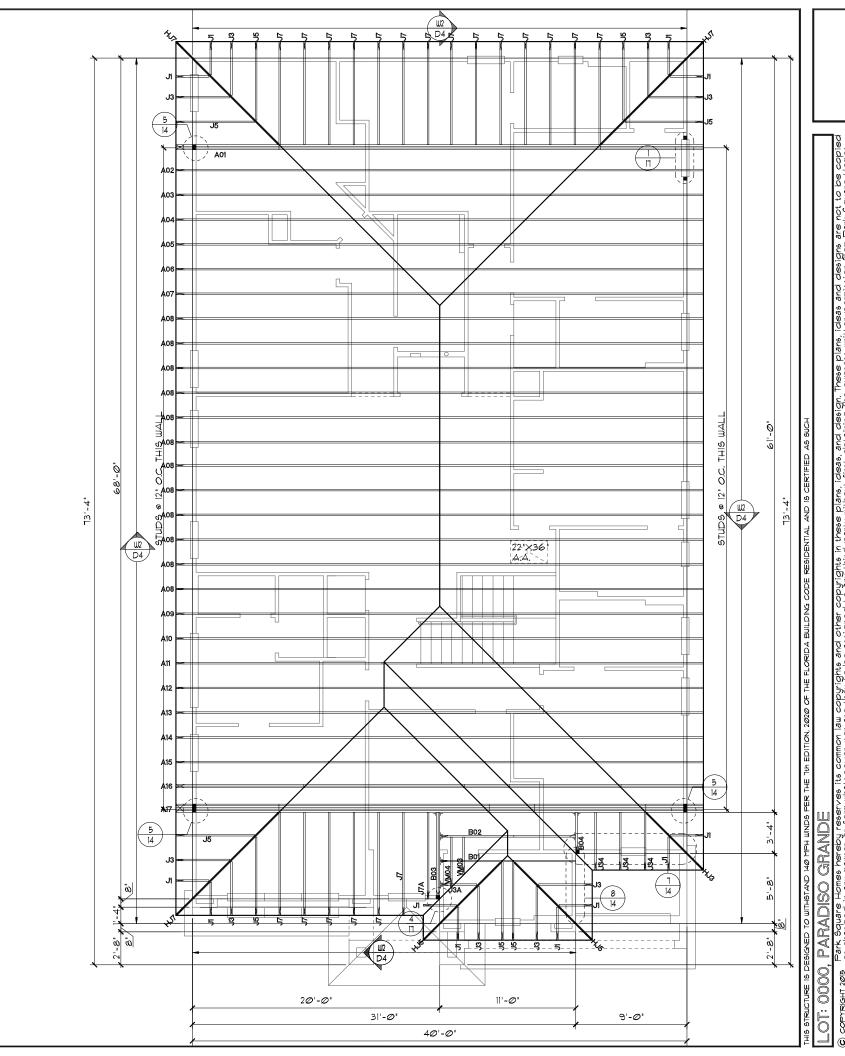
UPPER PORTION VENTILATION TOTAL: N/I
PROVIDED W/OFF RIDGE VENTS: 5 VENTS 9.978.F. /VENT.
(TILE: O"HAGIN MODEL "S", SHINGLE: LOMANCO TTO-D OR
MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: N/I
PROVIDED W/SOFFITS @ EAVE: N/I @ 0.0879F VENTING/LF.

UPPER PORTION PERCENTAGE: N/I
LOWER PORTION PERCENTAGE: N/I

#### 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 1TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
- 4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- 5. TRUSSES SHALL BE BRACED TO PRE-VENT 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/WITCA BCSI 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, TTH EDITION R905.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
- 8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
- O-HAGIN 7" × 19" HOLE
- 9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, TTH EDITION ASTM C1492-R905.3.5



REVISIONS

ineering By: IE and C L. A. THOMPSON 47509 : 407-721-2292

PARADISO GRANDE

WOOD I

SANDAL V EXTENDED R

DATE Ø4-Ø9-21 SCALE AS NOTED

OF 00 SHEETS

W)

RAWN

SHEET

PER FBC2020 1TH EDITION R806: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

TOTAL VENTED SPACE: 2,9328F. = 9.778F. NET FREE

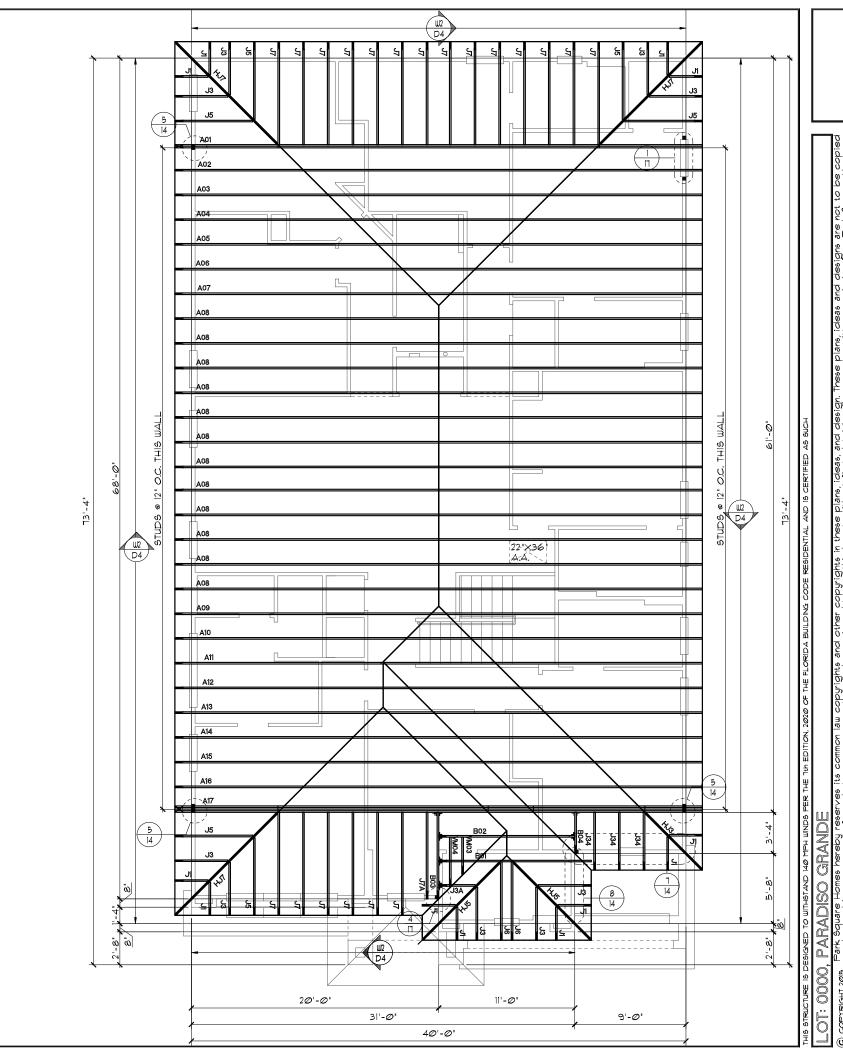
UPPER PORTION VENTILATION TOTAL: N/I
PROVIDED WOFF RIDGE VENTS: 5 VENTS @ 978.F. /VENT.
(TILE: O"HAGIN MODEL "S", SHINGLE: LOMANCO 170-D OR
MILLENNIUM METAL)

HILLERNIGHT HETALZ LOWER PORTION VENTILATION TOTAL: N/I PROVIDED W/SOFFITS @ EAVE: N/I @ 0.0879F VENTING/LF.

UPPER PORTION PERCENTAGE: N/I
LOWER PORTION PERCENTAGE: N/I

#### 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 TITH 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 PRE-VENT 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 TPIVITCA BCSI 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, TTH EDITION R905.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
- 8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
- O-HAGIN 7" × 19" HOLE
- 9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, TTH EDITION ASTM C1492-R905.3.5



TRUSS LATOUT "B"

1/8"=1'-0" (||X|7) |/4'=1'-0" (22×34)

DRAUN RDC

JOB 4842

SHEET

DATE **Ø4-Ø9-**21

OF 00 SHEETS

PARADISO GRANDE

WOOD I

SANDAL V EXTENDED R

W)

REVISIONS

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

PER FBC2020 1TH EDITION R806: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

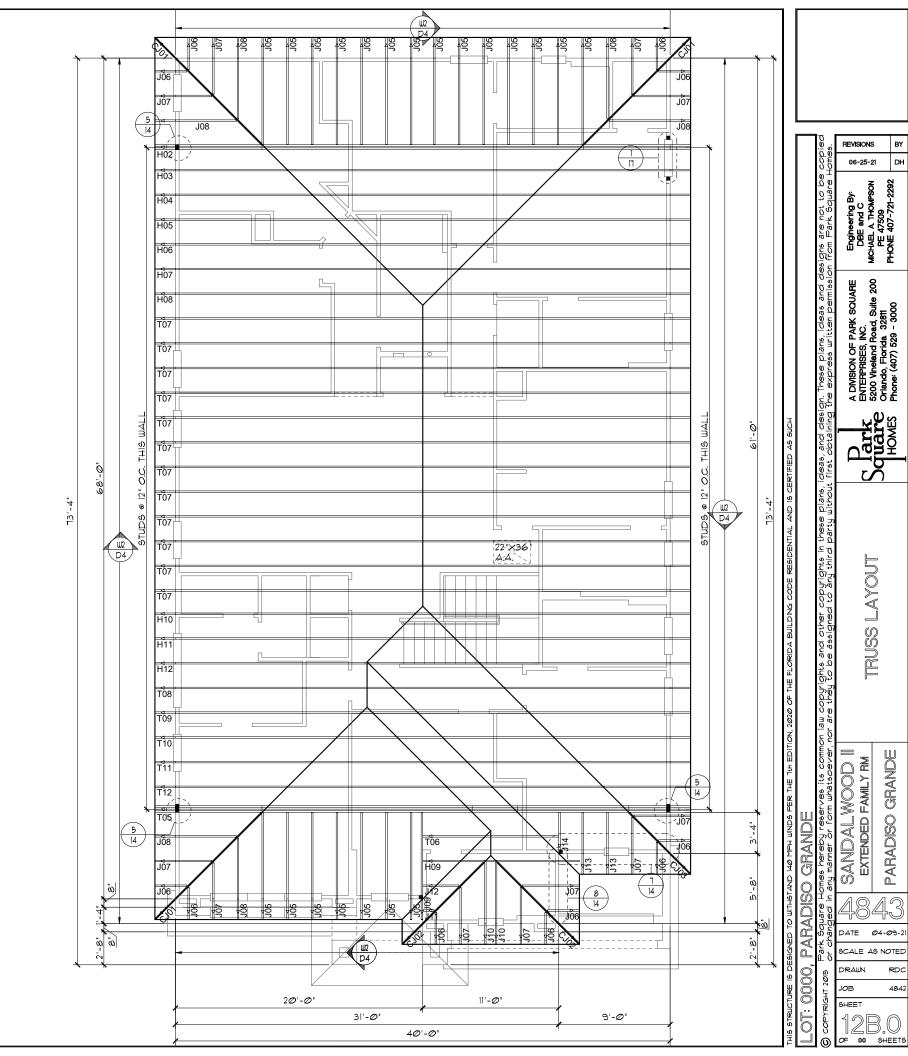
TOTAL VENTED SPACE:  $\underline{2,9328.F.} = \underline{9.778.F.}$  NET FREE

UPPER PORTION VENTILATION TOTAL: N/I
PROVIDED W/OFF RIDGE VENTS: 5 VENTS 9 978.F. /VENT.
(TILE: O'HAGIN MODEL "S", SHINGLE: LOMANCO 170-D OR UPPER PORTION VENTILATION TOTAL: MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: N/I
PROVIDED W/SOFFITS @ EAVE: N/I @ 0.0875F VENTING/LF.

UPPER PORTION PERCENTAGE: UPPER PORTION PERCENTAGE: N/I
LOWER PORTION PERCENTAGE: N/I

- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- 2. TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- B. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 1TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
- 4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- 5. TRUSSES SHALL BE BRACED TO PRE-VENT 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 TPINUTCA BCSI I.
- 6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- 1. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, TH EDITION R905.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
- 8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
- O-HAGIN 7" × 19" HOLE
- 9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, TTH EDITION ASTM C1492-R905.3.5



REVISIONS 06-25-21

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

FUSS

PARADISO GRANDE

WOOD | FAMILY RM

SANDAL V EXTENDED F

DATE Ø4-Ø9-21

SCALE AS NOTED

DRAWN

SHEET

RDC

4842

TRUSS LAYOUT "B" 1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)

PER FBC2020 1TH EDITION R806: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

TOTAL VENTED SPACE: 2,932SF. = 9.77SF. NET FREE REQUIRED

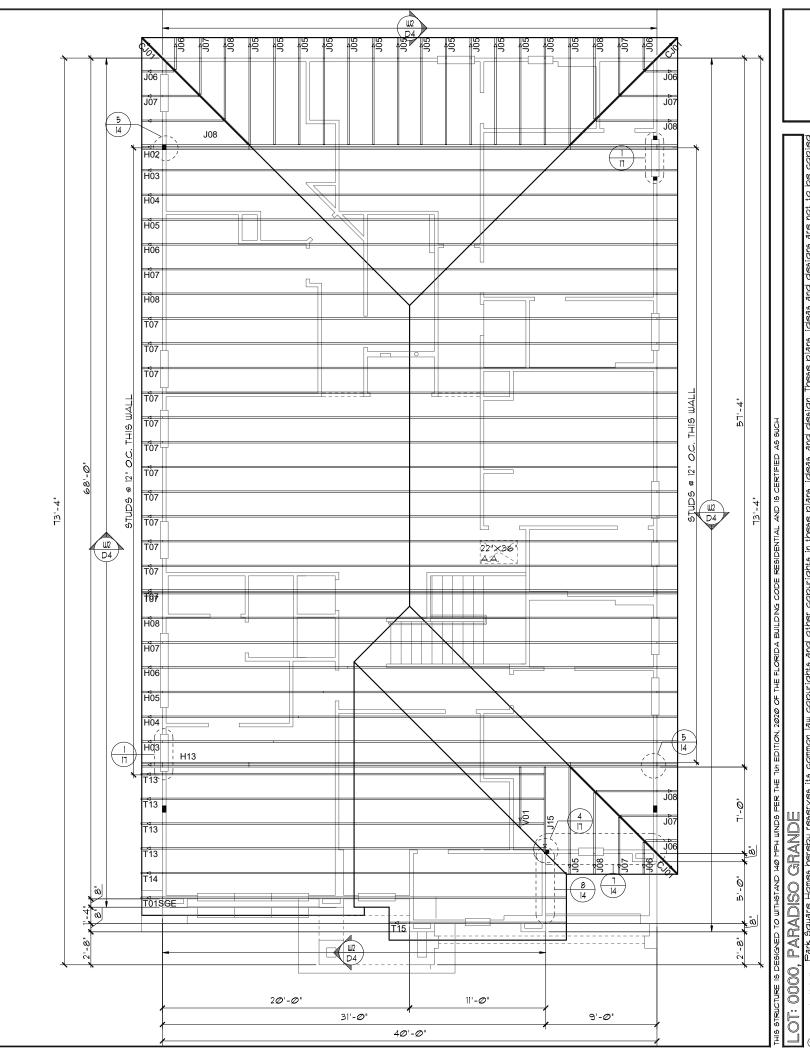
UPPER PORTION VENTILATION TOTAL: N/I
PROVIDED WOFF RIDGE VENTS: 5 VENTS 9.978,F. /VENT.
(TILE: O'HAGIN MODEL 'S', SHINGLE: LOMANCO 770-D OR
MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: N/I PROVIDED W/SOFFITS @ EAVE: N/I @ 0.0875F VENTING/LF.

UPPER PORTION PERCENTAGE: N/I
LOWER PORTION PERCENTAGE: N/I

#### 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 1TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
- 4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- 5. TRUSSES SHALL BE BRACED TO PRE-VENT 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 TPIWITCA BCSI I.
- 6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT 4 TRUSS TO TRUSS CONNECTIONS.
- 7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, TTH EDITION R905.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
- 8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
- O-HAGIN 7" × 19" HOLE
- 9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 1TH EDITION ASTM C1492-R905.3.5



REVISIONS

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

A DIVISION OF PARK SOUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 3281 Phone: (407) 529 - 3000

HUSS.

PARADISO GRANDE

WOOD |

SANDAL V EXTENDED F

DRAWN

SHEET

DATE Ø4-Ø9-21 SCALE AS NOTED

OF 00 SHEETS

TRUSS LAYOUT "C"
1/8'=1'-0' (11×17) 1/4'=1'-0' (22×34)

PER FBC2020 1TH EDITION R806: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

TOTAL VENTED SPACE: 2,932SF. = 9.77S.F. NET FREE

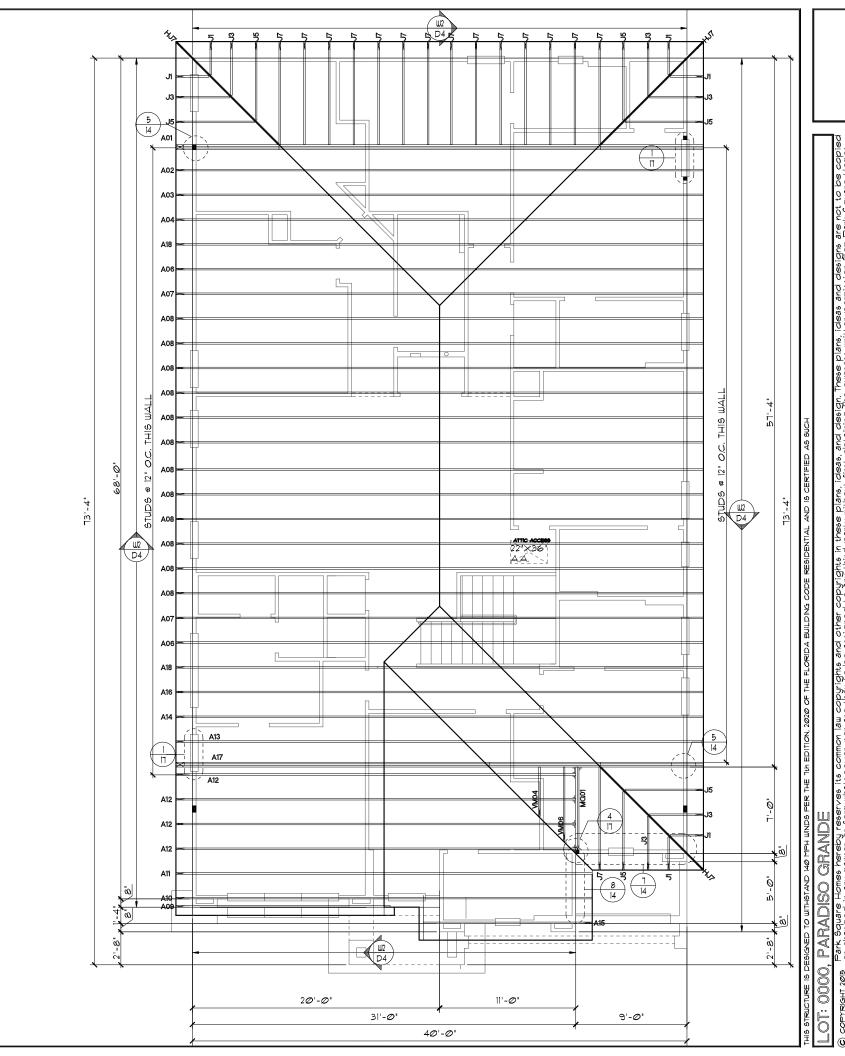
UPPER PORTION VENTILATION TOTAL: N/I
PROVIDED W/OFF RIDGE VENTS: 5 VENTS 9.978.F. /VENT.
(TILE: O'HAGIN MODEL "S", SHINGLE: LOMANCO 170-D OR
MILLENNIUM METAL)

HILLERNIUM HETAL Lower Portion Ventilation total: **N/I** Provided W/Soffits @ Eave: **N/I** @ 0.0879F venting/lf.

UPPER PORTION PERCENTAGE: N/I
LOWER PORTION PERCENTAGE: N/I

#### 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 1TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
- 4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- 5. TRUSSES SHALL BE BRACED TO PRE-VENT 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/WITCA BCSI 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, TTH EDITION R905.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
- 8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
- 0-HAGIN 7" × 19" HOLE
- 9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, TTH EDITION ASTM C1492-R905.3.5



REVISIONS

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

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

PARADISO GRANDE

WOOD |

ANDAL V EXTENDED F

RAWN

SHEET

DATE Ø4-Ø9-21 SCALE AS NOTED

OF 00 SHEETS

4842

PER FBC2020 1TH EDITION R806: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

TOTAL VENTED SPACE: 2,932S.F. = 9.77S.F. NET FREE

REC

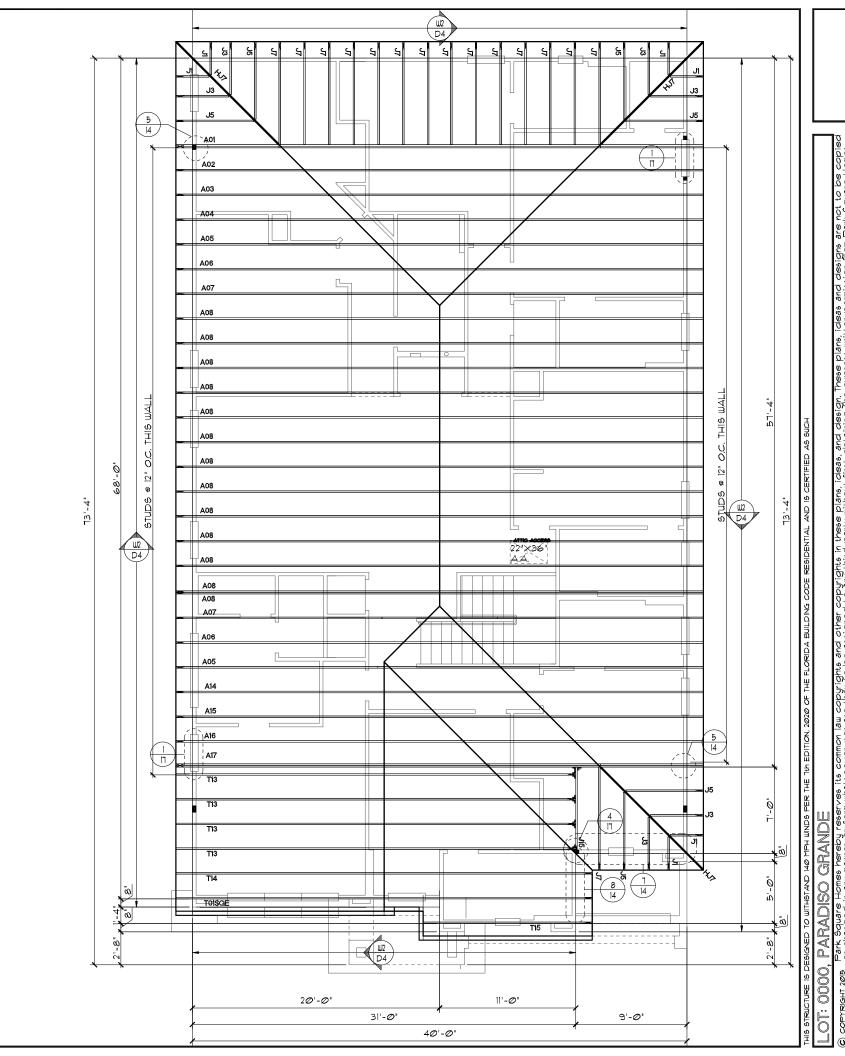
UPPER PORTION VENTILATION TOTAL: N/I
PROVIDED W/OFF RIDGE VENTS: 5 VENTS 9.978.F. /VENT.
(TILE: O'HAGIN MODEL "S", SHINGLE: LOMANCO 170-D OR
MILLENNIUM METAL)

HILLERNIGH HETAL/ LOWER PORTION VENTILATION TOTAL: N/I PROVIDED W/SOFFITS @ EAVE: N/I @ 0.0879F VENTING/LF.

UPPER PORTION PERCENTAGE: N/I
LOWER PORTION PERCENTAGE: N/I

#### NOTES

- I. 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 1TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
- 4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- 5. TRUSSES SHALL BE BRACED TO PRE-VENT 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/WITCA BCSI 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, TTH EDITION R905.3.3. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
- 8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
- O-HAGIN 7" × 19" HOLE
- 9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, TTH EDITION ASTM C1492-R905.3.5



REVISIONS

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

A DWISION OF PARK SOUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 3231 Phone: (407) 529 - 3000

PARADISO GRANDE

WOOD |

SANDAL V Extended R

DRAWN

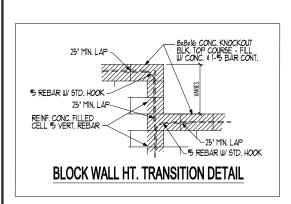
SHEET

DATE Ø4-Ø9-21 SCALE AS NOTED

OF 00 SHEETS

4842

TRUSS LATOUT "C"



| /             | CAST CRETE / LOTT'S<br>/ WEKIWA / FLORIDA ROCK |             |                       |  |  |  |  |  |  |  |
|---------------|--|-------------|-----------------------|--|--|--|--|--|--|--|
| ·             | LINTE  | EL SCHED    | uLE                   |  |  |  |  |  |  |  |
| LINTEL<br>NO. | LENGTH   | TYPE        | COMMENTS              |  |  |  |  |  |  |  |
| L 1           | 17'-4"   | 8F54-1B/IT  | GARAGE DOOR           |  |  |  |  |  |  |  |
| L 2           | 3'-6"  | 8F48-ØB/IT  | 2/4×1/Ø F.G.          |  |  |  |  |  |  |  |
| L 3           | 4'-6'  | 8F48-ØB/IT  | 5H25                  |  |  |  |  |  |  |  |
| L 4           | 4'-6'  | 8F48-ØB/IT  | 5H25                  |  |  |  |  |  |  |  |
| L 5           | 4'-6"  | 8F4Ø-ØB/IT  | 3/4×1/6 F.G.          |  |  |  |  |  |  |  |
| L 6           | 4'-6'  | 8F48-ØB/IT  | 9H25                  |  |  |  |  |  |  |  |
| L٦            | 3'-6"  | 8F48-ØB/IT  | SH1H3                 |  |  |  |  |  |  |  |
| L8            | 4'-6'  | 8RF44-ØB/IT | POOL BATH DR.         |  |  |  |  |  |  |  |
| L 9           | 7'-6"  | 8F48-ØB/IT  | PR. 6H25              |  |  |  |  |  |  |  |
| L 10          | 9'-4'  | 8F48-ØB/IT  | 8/0×8/0 5.G.D.        |  |  |  |  |  |  |  |
| L 11          |  |             |                       |  |  |  |  |  |  |  |
| L 12          |  |             |                       |  |  |  |  |  |  |  |
| L 13          |  |             |                       |  |  |  |  |  |  |  |
| L 14          | 7'-6"  | 8F4Ø-ØB/IT  | 6/0X1/0 F.G.          |  |  |  |  |  |  |  |
| L 15          | 4'-6'  | 8F48-ØB/IT  | 5H25                  |  |  |  |  |  |  |  |
| L 16          | 10'-6"   | 8F48-ØB/IT  | (3) 3/ØX5/Ø CLR. F.G. |  |  |  |  |  |  |  |
| LΠ            | 5'-10"   | 8RF44-0B/IT | FRONT DOOR            |  |  |  |  |  |  |  |
| L 18          | 6'-6"  | 8F50-0B/IT  | FRONT ENTRY           |  |  |  |  |  |  |  |
| L 19          | 3'-6'  | 8F5Ø-ØB/IT  | FRONT ENTRY           |  |  |  |  |  |  |  |
| L 2Ø          | 18'-0"   | 8F48-ØB/IT  | GARAGE ENTRY          |  |  |  |  |  |  |  |
| L 21          | 11'-4'   | 8F36-ØB/IT  | REAR LANAI            |  |  |  |  |  |  |  |
| L 22          | 12'-4'   | 8F36-ØB/IT  | REAR LANAI            |  |  |  |  |  |  |  |
| L 23          | 8'-Ø'  | 8F36-ØB/IT  | REAR LANAI            |  |  |  |  |  |  |  |
| L 24          |  |             |                       |  |  |  |  |  |  |  |
| L 25          |  |             |                       |  |  |  |  |  |  |  |
| L 26          |  |             |                       |  |  |  |  |  |  |  |
| L 27          |  |             |                       |  |  |  |  |  |  |  |

L-17 HOLD BLOCK TOP (2 & 1/4) COURSES 8" IN THIS END L-16 1/8"=1'-Ø" (11×17) 1/4"=1'-Ø" (22×34)

L-10 L-1 L-20

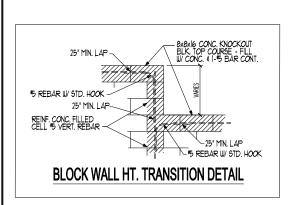
CAST LINTEL

PARADISO GRANDE

L-21

L-22

PRE CAST LINTEL LAYOUT "A"



| ,             |        | CRETE / L   |                       |
|---------------|--------|-------------|-----------------------|
|               | LINTE  | EL SCHED    | ULE                   |
| LINTEL<br>NO. | LENGTH | TYPE        | COMMENTS              |
| L 1           | 17'-4" | 8F54-1B/IT  | GARAGE DOOR           |
| L 2           | 3'-6'  | 8F48-ØB/IT  | 2/4×1/Ø F.G.          |
| L 3           | 4'-6'  | 8F48-ØB/IT  | SH25                  |
| L 4           | 4'-6'  | 8F48-ØB/IT  | SH25                  |
| L 5           | 4'-6'  | 8F40-0B/IT  | 3/4×1/6 F.G.          |
| L 6           | 4'-6'  | 8F48-ØB/IT  | SH25                  |
| LT            | 3'-6'  | 8F48-ØB/IT  | SH1H3                 |
| L8            | 4'-6'  | 8RF44-ØB/IT | POOL BATH DR.         |
| L 9           | 7'-6"  | 8F48-ØB/IT  | PR. 5H25              |
| L 10          | 9'-4"  | 8F48-ØB/IT  | 8/0×8/0 S.G.D.        |
| L 11          |        |             |                       |
| L 12          |        |             |                       |
| L 13          |        |             |                       |
| L 14          | 7'-6"  | 8F40-0B/IT  | 6/0×1/0 F.G.          |
| L 15          | 4'-6'  | 8F48-ØB/IT  | SH25                  |
| L 16          | 10'-6' | 8F48-ØB/IT  | (3) 3/0×5/0 CLR, F.G. |
| L 17          | 5'-10' | 8RF44-ØB/IT | FRONT DOOR            |
| L 18          | 6'-6'  | 8F32-ØB/IT  | FRONT ENTRY           |
| L 19          | 3'-6'  | 8F32-ØB/IT  | FRONT ENTRY           |
| L 2Ø          | 18'-0" | 8F48-ØB/IT  | GARAGE ENTRY          |
| L 21          | 11'-4" | 8F36-ØB/IT  | REAR LANAI            |
| L 22          | 12'-4' | 8F36-ØB/IT  | REAR LANAI            |
| L 23          | 8'-0"  | 8F36-ØB/IT  | REAR LANAI            |
| L 24          |        |             |                       |
| L 25          |        |             |                       |
| L 26          |        |             |                       |
| 1.0=          |        |             |                       |

L-10 L-17 L-16 L-1 L-20 L-18

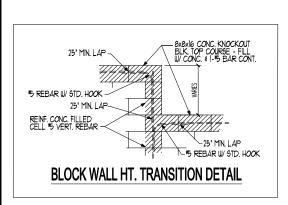
L-21

L-22

PRE CAST LINTEL LAYOUT "B"

1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)

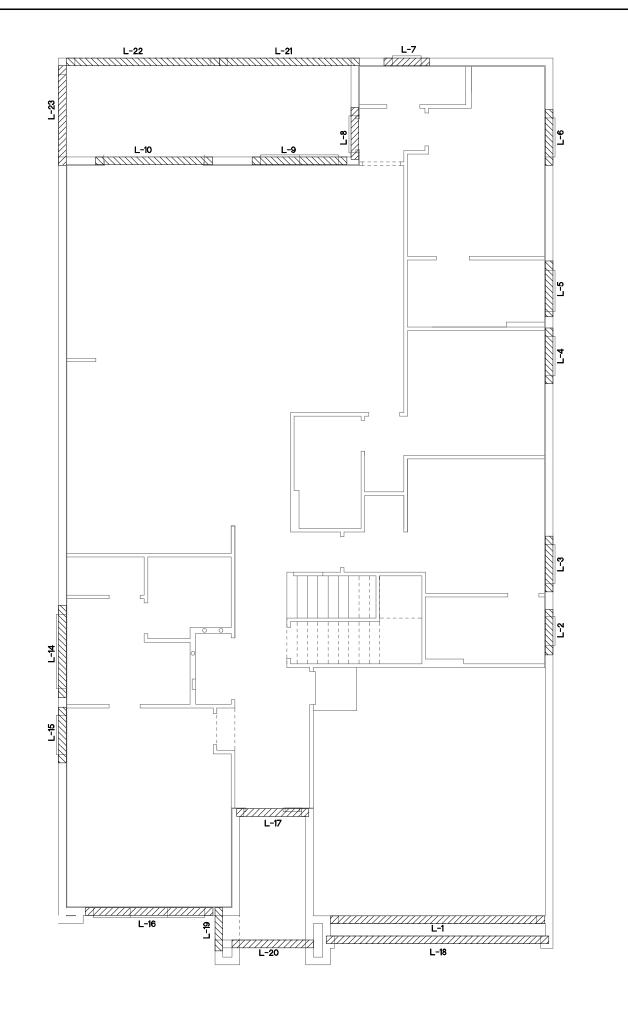
CAST LINTEL



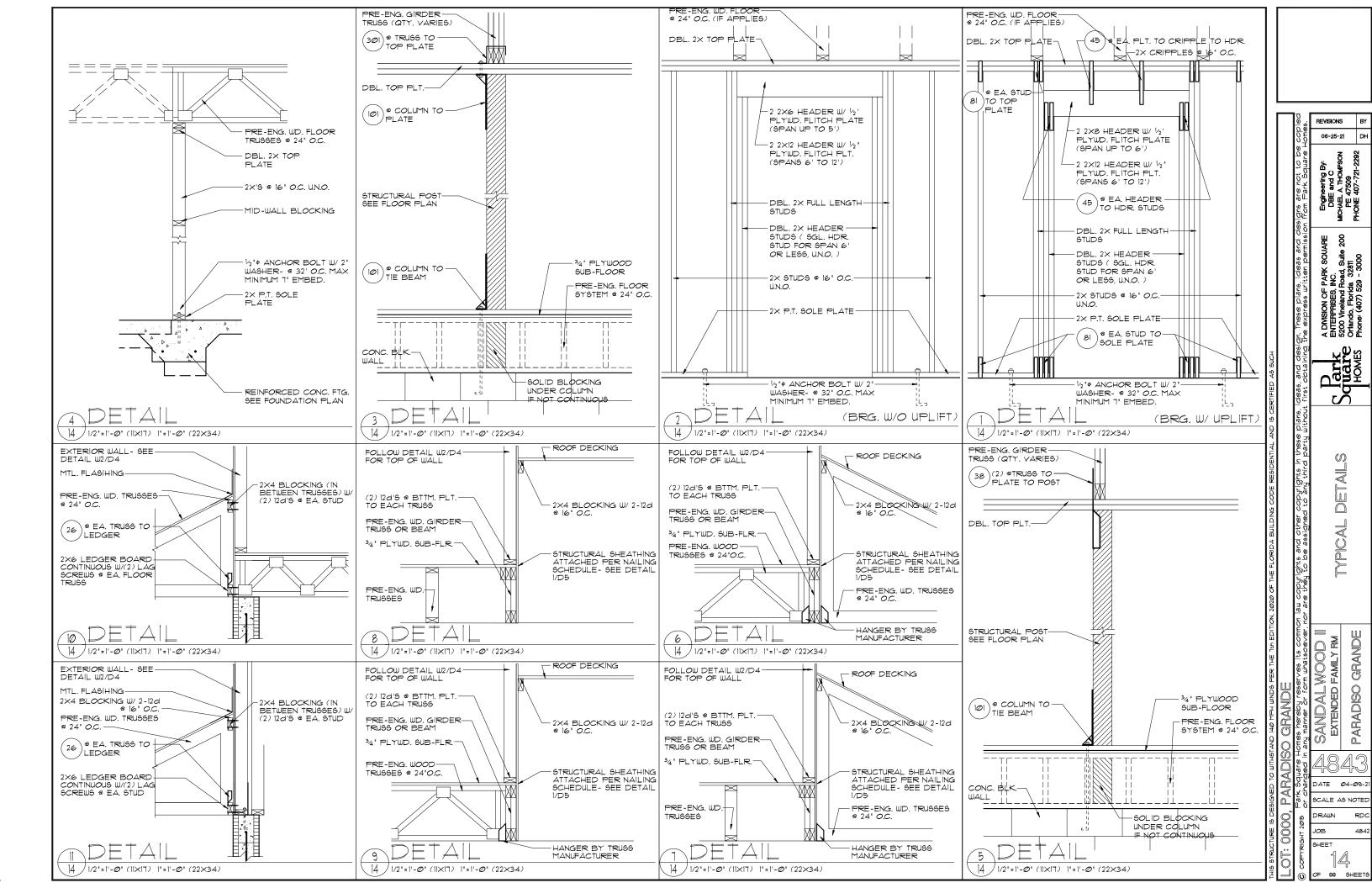
| CAST CRETE / LOTT'S<br>/ WEKIWA / FLORIDA ROCK |                 |             |                       |  |  |  |  |  |  |  |  |
|--|-----------------|-------------|-----------------------|--|--|--|--|--|--|--|--|
|  | LINTEL SCHEDULE |             |                       |  |  |  |  |  |  |  |  |
| LINTEL<br>NO.                                  | LENGTH          | TYPE        | COMMENTS              |  |  |  |  |  |  |  |  |
| L1   | 17'-4"          | 8F54-1B/IT  | GARAGE DOOR           |  |  |  |  |  |  |  |  |
| L 2  | 3'-6"           | 8F48-ØB/IT  | 2/4×1/Ø F.G.          |  |  |  |  |  |  |  |  |
| L 3  | 4'-6"           | 8F48-ØB/IT  | SH25                  |  |  |  |  |  |  |  |  |
| L 4  | 4'-6"           | 8F48-ØB/IT  | SH25                  |  |  |  |  |  |  |  |  |
| L 5  | 4'-6'           | 8F4Ø-ØB/IT  | 3/4×1/6 F.G.          |  |  |  |  |  |  |  |  |
| L 6  | 4'-6"           | 8F48-ØB/IT  | SH25                  |  |  |  |  |  |  |  |  |
| L 7  | 3'-6'           | 8F48-0B/IT  | SHIH3                 |  |  |  |  |  |  |  |  |
| L8   | 4'-6"           | 8RF44-ØB/IT | POOL BATH DR.         |  |  |  |  |  |  |  |  |
| L 9  | 7'-6'           | 8F48-ØB/IT  | PR. 5H25              |  |  |  |  |  |  |  |  |
| L 10   | 9'-4'           | 8F48-ØB/IT  | 8/0×8/0 5.G.D.        |  |  |  |  |  |  |  |  |
| L 11   |                 |             |                       |  |  |  |  |  |  |  |  |
| L 12   |                 |             |                       |  |  |  |  |  |  |  |  |
| L 13   |                 |             |                       |  |  |  |  |  |  |  |  |
| L 14   | 7'-6'           | 8F4Ø-ØB/IT  | 6/0×1/0 F.G.          |  |  |  |  |  |  |  |  |
| L 15   | 4'-6'           | 8F48-ØB/IT  | SH25                  |  |  |  |  |  |  |  |  |
| L 16   | 10'-6"          | 8F48-ØB/IT  | (3) 3/ØX5/Ø CLR. F.G. |  |  |  |  |  |  |  |  |
| LIT  | 5'-10"          | 8RF44-ØB/IT | FRONT DOOR            |  |  |  |  |  |  |  |  |
| L 18   | 18'-0"          | 8F48-ØB/IT  | GARAGE ENTRY          |  |  |  |  |  |  |  |  |
| L 19   | 6'-6"           | 8F32-ØB/IT  | FRONT ENTRY           |  |  |  |  |  |  |  |  |
| L 2Ø   | 3'-6"           | 8F32-ØB/IT  | FRONT ENTRY           |  |  |  |  |  |  |  |  |
| L 21   | 11'-4"          | 8F36-ØB/IT  | REAR LANAI            |  |  |  |  |  |  |  |  |
| ∟ 22   | 12'-4"          | 8F36-ØB/IT  | REAR LANAI            |  |  |  |  |  |  |  |  |
| L 23   | 8'-0"           | 8F36-ØB/IT  | REAR LANAI            |  |  |  |  |  |  |  |  |
| L 24   |                 |             |                       |  |  |  |  |  |  |  |  |
| L 25   |                 |             |                       |  |  |  |  |  |  |  |  |
| L 26   |                 |             |                       |  |  |  |  |  |  |  |  |
| 1 27   |                 |             |                       |  |  |  |  |  |  |  |  |

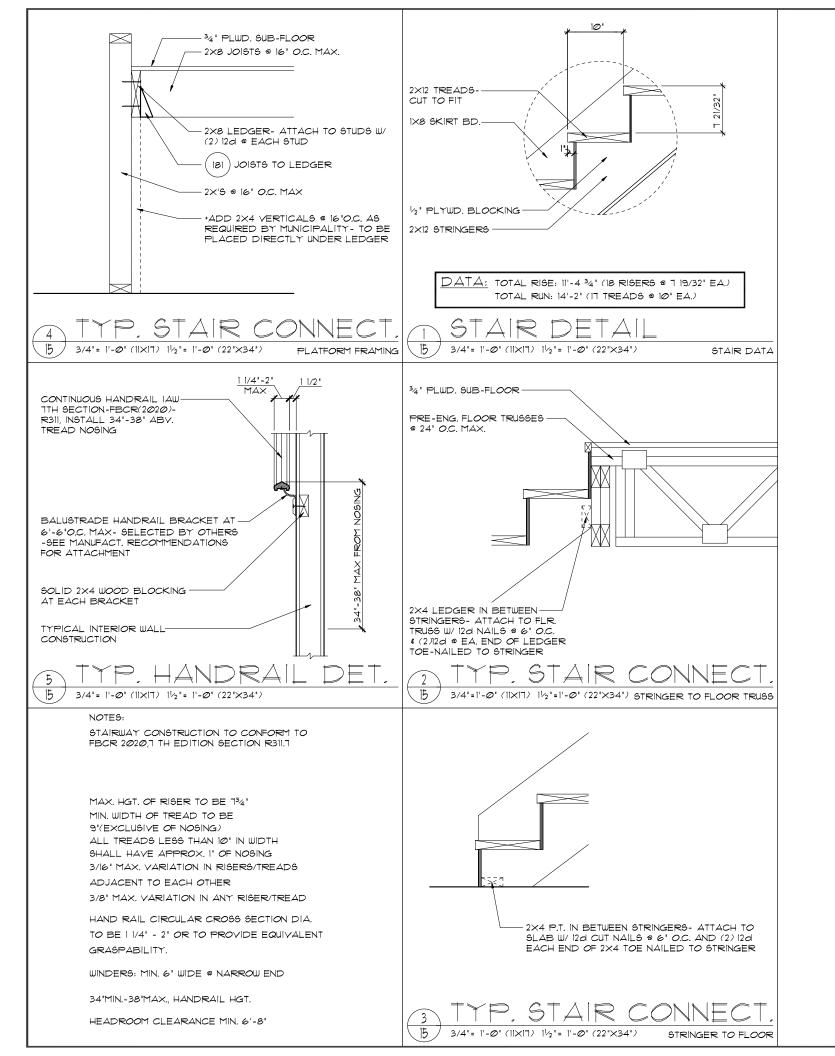
PRE CAST LINTEL LAYOUT "C"

1/8'=1'-0' (1|X|7) 1/4"=1'-0' (22X34)



PRE CAST LINTEL





|                              | CIL ADOOL I         |   | USP          |  |                    |            |  |
|------------------------------|---------------------|---|--------------|--|--------------------|------------|--|
| ONNECT.                      | SIMPSON             | FASTENERS   |              | FASTENERS  | MAX.<br>UPLIFT     | LAT. LDS   |  |
|                              | DESCRIPTION         | PER CONNECTOR   | DESCRIPTION  | PER CONNECTOR                                      |                    |            |  |
| 4                            | HETA2Ø              | 14-10d x 11/2"  | ETA2Ø        | 14-10d   | 1,810              | 65 / 960   |  |
| 22                           | H1Ø5                | RFT: 8-8d x 1 1/2" PLT: 8-8d x 1 1/2"                                 | RTI6         | RFT: 8-8d x 1½"                                    | 990                | 585/525    |  |
| 23                           | LUS26               | HDR: 4-10d/JST: 4-10d   | JUS26        | PLT: 8-8d<br>HDR: 4-10d/J6T: 4-10d                 | 935                | N/A        |  |
|                              |                     | RFT / TRS: 4-8d   |              | RFT / TRS: 9-10d                                   |                    |            |  |
| 24                           | ∺7                  | PLT / STD: 10-8d  | RT2Ø         | PLT / STD: 13-10d                                  | 985                | 400 / N/A  |  |
| 26                           | H2.5                | RFT:5-8d / PLT: 5-8d  | RT           | RFT:5-8d / PLT: 5-8d                               | 415                | 150 / 150  |  |
| 35                           | A35F                | H:4-8dx11/2"/P:4-8dx11/2"   | MPAIF        | $H:6-8dx1^{1/2}$ "/P:6-8dx1 $^{1/2}$ "             | 440                | 440 / N/A  |  |
| 37                           | MTS12               | 14-10d  | MTWI2        | 14-10d   | 1,000              | N/A        |  |
| 38                           | MTS16               | 14-10d<br>BLK: (4)¼"X2¼" T.C.   | MTW16        | 14-10d<br>BLK: (4)14"X214" T.C.                    | 1,000              | N/A        |  |
| 39                           | MTSM16              | TRUSS: (7) 10d  | MTW16        | TRUSS: (7) 10d                                     | 860                | N/A        |  |
| 43                           | LSTA12              | 10-10d  | LSTA12       | 10-10d   | 905                | N/A        |  |
| 44                           | HGA10               | RFT / 4-9D9 1/4"X11/2"  PLT /4-9D9 1/4"X3"                            | N/A          | N/A<br>N/A   | 500                | 840/675    |  |
| 45                           | STIS                | 14-16d  | ST18         | 14-16d   | 1,200              | N/A        |  |
| 47                           | LSTA24              | 18-10d  | LSTA24       | 18-10d   | 1,295              | N/A        |  |
| 71                           | MSTA36              | 26-10d  | MSTA36       | 26-10d   | 2,135              | N/A        |  |
| 72                           | MSTC66              | 64-16d SINKERS  | N/A          | N/A  | 5,495              | N/A        |  |
| 79                           | SP1                 | STD:6-10d / PLT:4-10d   | SPT22        | STD:4-10d / PLT:4-10d                              | 535                | 560 / 260  |  |
| 80                           | SP2                 | STD:6-10d / PLT:6-10d   | SPT224       | STD:6-10d / PLT:6-10d                              | 605                | 560 / 260  |  |
| 81                           | SPH4,6,8            | 12-100d x 11/2"   | TP4,6,\$8    | 12-100d x 11/2"                                    | 885                | N/A        |  |
|                              | . ,                 | STD 6-10d/ 9-10dX11/2"  | N/A          | N/A  | 755                | N/A        |  |
| 82                           | TSP                 | PLT 6-10d×1½"/ 6-10d  | IN/A         | N/A  | 1015               | IN/A       |  |
| 86                           | ECCLL/RQ-<br>SDS2.5 | 14"X21/2" STRONG DRIVE<br>SDS H.D. CON. SCREWS                        | N/A          | N/A  | M: 2835<br>S: 1840 | N/A        |  |
| 88                           | 5D52.5<br>CB\$Q88   | 12 SDS 1/4×2"   |              |  | 3975               | N/A        |  |
| <i>8</i> 9                   | CB66                | (2) % BOLTS   | PASXS        | 4-10d  | 2300               | 985        |  |
| 30                           | ABU66               | 12-16d  | PAU66        | 12-16d   | 2,240              | N/A        |  |
| 91                           | CB5Q66              | 14 SDS 1/4×2"   | 1 74000      | 12 12 3  | 3,190              | N/A        |  |
| 92                           | ABU44               | 12-16d  | PAU44        | 12-16d   | 2,200              | N/A        |  |
| 93                           | AC6 (MAX)           | 28-16d  | PB\$66       | 24-16d   | 1,815              | 1,070      |  |
| 94                           | AC4 (MAX)           | 28-16d  | PBS44        | 24-16d   | 1,815              | 1,070      |  |
| 95                           | HTS2Ø               | 20-10d  | HTW2Ø        | 20-10d   | 1,450              | N/A        |  |
| 99                           | A35                 | H:4-8dx1½"/P:4-8dx1½"   | MPAI         | H:6-8dx1½"/P:6-8dx1½"                              | 1,450              | 440 / N/A  |  |
|                              |                     |   |              |  |                    |            |  |
| 101                          | HTT4                | 5/8" BOLT/ 18-16d×21/2"   | N/A          | N/A  | 3,640              | N/A        |  |
| 1002                         | HTT5                | 5⁄8" BOLT/ 26-1Ød   | N/A          | N/A  | 4,275              | N/A        |  |
| 103                          |                     | 32-SDS <sup>1</sup> 4"×3"/(2) %" BLT                                  | N/A          | N/A  | 3,990              | N/A        |  |
| 104                          | HDU8-SDS2.5         | 7/8" BLT/2Ø-SDS ¼"x2½"  | N/A          | N/A  | 5,020              | N/A        |  |
| 105                          | HDTB                | 7/8"-3-3/4"   | N/A          | N/A  | 6,645              | N/A        |  |
| 181                          | HUS26               | 20-16d  | THD26        | H:20-16d/J:10-10d                                  | 1,550              | N/A        |  |
| 184                          | HUC28-2             | H:14-16d/J:4-10d  | N/A          | N/A  | 1,085              | N/A        |  |
| 212                          | HUC4100             | BLOCK: 10-14"X11/2" TC<br>JOIST : 10-16d                              | N/A          | N/A  | 1,810              | N/A        |  |
| 213                          | HSUR/L410           | BLOCK: 20-16d<br>JOIST : 6-16d  | N/A          | BLOCK: N/A<br>JOIST : N/A                          | 1,300              | N/A        |  |
| 214                          | HUC412              | BLOCK: 10-14"X11/2" TC  | HU5412       | BLOCK: 10-1/4"X11/2" TC                            | 1,895              | N/A        |  |
| 215                          | HGUS21Ø-2           | JOIST : 10-16d<br>HDR:46-16d/JST:10-16d                               | EHUH21Ø-2    | JOIST : 10-16d<br>HDR:40-16d/JST:16-10d            | 2,720              | N/A        |  |
| 216                          | HUC\$412            | BLOCK: 10-14"X11/2" TC  | HUS412       | BLOCK: 10-14"X11/2" TC                             | 3,240              | N/A        |  |
| 217                          | HU\$212-2           | JOIST : 10-16d  BLOCK: 10-1/4"X11/2" TC                               | HUS212-2     | JOIST : 10-16d  BLOCK: 10-1/4"X11/2" TC            | 2,630              | N/A        |  |
| 219                          | MBHA412             | JOIST : 10-16d<br>H:1-ATR <sup>3</sup> 4×8 TOP&FACE                   | NFM35×12U    | JOIST : 10-16d<br>H:1-1/2" J-BOLT                  | 3,145              | N/A        |  |
| 413                          | 1 1000412           | JOIST: 18-10d<br>HDR : (2) <sup>3</sup> 4"¢ x 8"                      | INIT IDDAIZU | J:5-1/2" BOLTS                                     | J,145              | IN/A       |  |
| 231                          | MBHA3.56/16         | JOIST : 18-10d  | NFM3.5×16U   | HDR :MIN. ½ "                                      | 3,450              | N/A        |  |
| 232                          | MBHA5.50/16         | HDR: (2) <sup>3</sup> 4 " + x 8"<br>JOIST: 18-10d                     | NFM5.5×16U   | HDR:MIN. 1/2 " +xJ-BOLTS  JOIST: (5) 1/2 " + BOLTS | 3,450              | N/A        |  |
| 241                          | LGT2                | 30-16d-sinker   | LUGT2        | 32-1Ød   | 2000               | 1015 / 440 |  |
| 242                          | LGT3                | G: (12) SDS 1/4:X21/2"  | N/A          | ₩: (4) 3/8"×5" TITEN                               | 2,365              | N/A        |  |
| 243                          | LGT4-SDS3           | G: (16) SDS 1/4:X3"   | N/A          | W: (4) 3/8"X5" TITEN HD                            | 2,365              | N/A        |  |
| 3Ø1                          | MGT                 | (1) <sup>3</sup> / <sub>4</sub> "BLTS./GIR: 22-10d                    | N/A          | N/A  | 3,965              | N/A        |  |
| 3Ø2                          | HGT-2 or 3          | LTL:34 BLTS./GIR: 8-10d   | USC63        | LTL:34 BLTS./GIR: 8-16d                            | 6485               | N/A        |  |
| 3Ø3                          | HGT-4               | LTL:34 "BLTS./GIR: 16-10d   | N/A          | N/.A   | 9,250              | N/A        |  |
| 3Ø5                          |                     | TRUSS: 36 SDS $\frac{1}{2}$ "X3" WALL:(4) $\frac{1}{2}$ "X5" TITEN HD | N/A          | N/A  | 9,400              | N/A        |  |
| 4Ø1                          | SUR/L414            | FACE:18-16d/JST:8-16d   | N/A          | N/A  | 1,700              | N/A        |  |
| 5Ø1A                         | LSU26               | 6-10d - 5-10d×11/2  | N/A          | N/A  | 535                | N/A        |  |
|                              | LSSU28              | 10-10d - 5-10dX1½   | N/A          | N/A  | 535                | N/A        |  |
| 501B                         | LSSU21Ø             | 10-10d - 7-10d×1½   | N/A          | N/A  | 875                | N/A        |  |
| 501B<br>501C                 | 1 01104             | 6-10d - 5-10d×11/2  | N/A          | N/A  | 535                | N/A        |  |
|                              | LSU26               |   |              | N1/4   | 45.00              | N/A        |  |
| 501C                         | LSU26<br>LSSU28     | 9-10d - 5-10dX11/2  | N/A          | N/A  | 450                | 13/        |  |
| 501C<br>502A                 |                     |   | N/A<br>N/A   | N/A<br>N/A   | 785                | N/A        |  |
| 501C<br>502A<br>502B         | LSSU28              | 9-10d - 5-10dX11/2  |              |  |                    |            |  |
| 501C<br>502A<br>502B<br>502C | LSSU28<br>LSSU21Ø   | 9-10d - 5-10dX1½<br>9-10d - 7-10dX1½                                  | N/A          | N/A  | 785                | N/A        |  |

SCHEDULE TYPICAL DE 

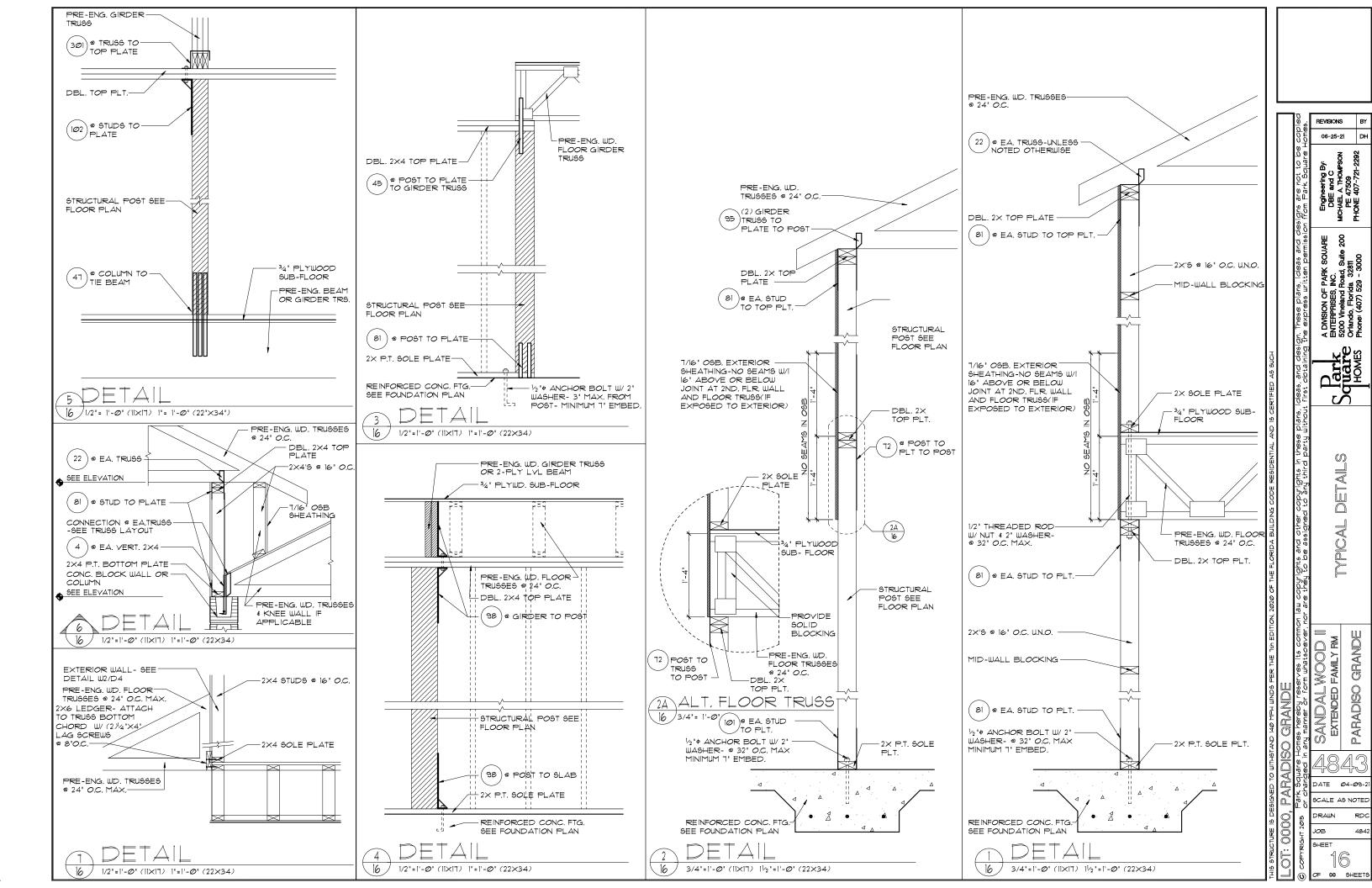
WOOD FAMILY RM

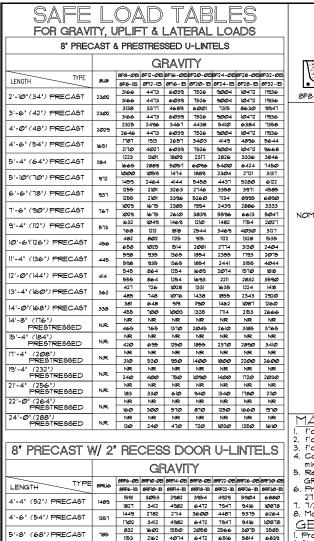
DATE **Ø4-Ø9-**21

SCALE AS NOTED

OF 00 SHEETS

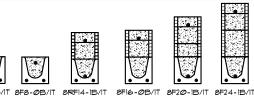
SHEET



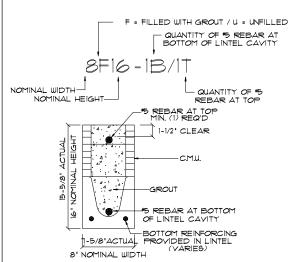


| 8" PRECAST W/ 2" RECESS DOOR U-LINTELS |         |         |          |          |          |          |          |          |  |  |
|--|---------|---------|----------|----------|----------|----------|----------|----------|--|--|
|  | GRAVITY |         |          |          |          |          |          |          |  |  |
| TYPE                                   |         | 8RF6-0B | 8RF10-0B | 8RF14-ØB | 8RF18-0B | 8RF22-ØB | 8RF26-ØB | 8RF3Ø-ØB |  |  |
| LENGTH                                 | 8RU6    | 8RF6-1B | 8RFIØ-IB | 8RF14-1B | 8RF18-1B | 8RF22-1B | 8RF26-IB | 8RF3Ø-1B |  |  |
| 4'-4' (52') PRECAST                    | 1489    | 1591    | 3Ø53     | 2982     | 3954     | 4929     | 59Ø4     | 6880     |  |  |
| 4-4 (92 )  - RECAST                    | 1405    | 1827    | 3412     | 4982     | 6472     | 1941     | 9416     | 10878    |  |  |
| 4'-6" (54") PRECAST                    | 1357    | 1449    | 2782     | 2714     | 3600     | 4487     | 5375     | 6264     |  |  |
| 4-6 (347) NESASI                       | 1561    | 17Ø2    | 3412     | 4982     | 6472     | 1941     | 9416     | 10878    |  |  |
| 5'-8' (68') PRECAST                    | 785     | 832     | 1602     | 1550     | 2058     | 2566     | 3Ø15     | 3585     |  |  |
| 9-8 (887FRECA91                        | 100     | 1153    | 2162     | 4074     | 6472     | 6516     | 5814     | 6839     |  |  |
| 5'-10" (10") PRECAST                   | T35     | err     | 1500     | 1449     | 1924     | 2400     | 2876     | 3352     |  |  |
| 9 - ID ( ID ) I-RECAST                 | 135     | 11Ø3    | 2Ø51     | 3811     | 6472     | 6516     | 545Ø     | 6411     |  |  |
| 6'-8" (80") PRECAST                    | 822     | 907     | 1677     | 2933     | 2576     | 3223     | 3812     | 4522     |  |  |
| D-D (DD)   NECEST                      | 622     | 9Ø7     | 1677     | 2933     | 4100     | 6730     | 8177     | 6707     |  |  |
| 1'-6' (90') PRECAST                    | 665     | 761     | TTEI     | 2252     | 1958     | 2451     | 2944     | 3439     |  |  |
| I - E CJE / FRECASI                    | 000     | 764     | TFEI     | 2329     | 3609     | 5492     | 6624     | 5132     |  |  |
| 9'-8' (16') PRECAST                    | 371     | 420     | 834      | 1253     | 1071     | 1342     | 1614     | 1886     |  |  |
| S-5 (III) / I-RECAST                   | וופ     | 535     | 928      | 1497     | 2179     | 2618     | 3595     | 2875     |  |  |
|  |         |         |          |          |          |          |          |          |  |  |

| 3'-6" (<br>4'-0" ( | TYPE (34') PRECAST (42') PRECAST (48') PRECAST | 8F8-1T<br>8F8-2T<br>2T2T<br>2T2T<br>2165<br>2165 | 8F12-1T<br>8F12-2T<br>28T8<br>2T84 | 8F16-1T<br>8F16-2T<br>4IØ1 |      | 8F24-IT |         | 8F32-IT | 0110 | l <sup>—</sup> |
|--------------------|--|--|------------------------------------|----------------------------|------|---------|---------|---------|------|----------------|
| 3'-6" (<br>4'-0" ( | (42") PRECAST                                  | 2727<br>2165                                     | 2784                               | 4101                       |      | OF24-21 | 8F28-2T | 8F32-2T | 808  | 8F             |
| 3'-6" (<br>4'-0" ( | (42") PRECAST                                  | 2165   |                                    |                            | 5332 | 6569    | 181     | 9/055   |      |                |
| 4'-0"              |  |  |                                    | 3981                       | 5190 | 6407    | 7630    | 8851    | 2021 | 20             |
| 4'-0"              |  | 2165   | 2289                               | 3260                       | 4237 | 5219    | 6204    | 7192    |      |                |
|                    | (48") PRECAST                                  |  | 2215                               | 3165                       | 4125 | 5091    | 6061    | 7036    | 1257 | 1257           |
|                    | TO / I NECASI                                  | 1878   | 1989                               | 2832                       | 3680 | 4532    | 5387    | 6245    |      | Γ.             |
|                    |  | BTB  | 1925                               | 2750                       | 3583 | 4422    | 5264    | 6110    | 938  | 93             |
| 4'-6"              | (54") PRECAST                                  | 1660   | 1762                               | 25Ø1                       | 3257 | 4010    | 4767    | 5525    |      |                |
| T-0 (              | J4 / I INLUADI                                 | 1660   | 17Ø5                               | 2435                       | 3171 | 3913    | 4658    | 5406    | 727  | 72             |
| EL ALA             | (6.41) PDEC AGE                                | 1393*  | 1484                               | 2110                       | 2741 | 3375    | 4010    | 4648    |      |                |
| 5-4                | (64") PRECAST                                  | 1393   | 1437                               | 2050                       | 2670 | 3293    | 3920    | 4549    | 505  | 56             |
| E! 10!             | (10") PRECAST                                  | 1272*  | 1357                               | 1930                       | 25Ø5 | 3Ø84    | 3665    | 4247    |      | Ī.,            |
| 5-10               | ID / PRECASI                                   | 1272   | 1315                               | 1875                       | 2441 | 3010    | 3583    | 4157    | 418  | 41             |
| 61 61              | 18') PRECAST                                   | 1141*  | 1200                               | 1733                       | 2250 | 2769    | 3290    | 3812    |      | 881            |
| 6-6                | ID / FRECASI                                   | 1141   | 1182                               | 1684                       | 2192 | 27Ø3    | 3216    | 3732    | דשר  |                |
| -1 -1 -            | (0.01) DDEC 461                                | 959+   | 912                                | 1475                       | 1914 | 2354    | 2797    | 3240    | 591  | 65             |
| 16.                | (90") PRECAST                                  | 990  | 1029                               | 1466                       | 19Ø7 | 2351    | 2797    | 3245    |      |                |
| 01.41.4            | UNI DOECAGE                                    | 8Ø1•   | 612                                | 980                        | 1269 | 1560    | 1852    | 2144    | 454  | 636            |
| 5-4 (              | 9'-4" (112") PRECAST                           | 801  | 755                                | 1192                       | 1550 | 1910    | 2271    | 2634    |      |                |
| 101 41             | (0.41) DDEC 444                                | 716*   | 498                                | 193                        | 1Ø27 | 1261    | 1496    | 1731    | 396  | 49             |
| 10-6               | (1261) PRECAST                                 | 716  | 611                                | 1039                       | 1389 | 1711    | 2034    | 2358    |      |                |
|                    | (10 4 1) 2000 0 4 4 4                          | 6661   | 439                                | 696                        | 899  | 11Ø4    | 13Ø9    | 1515    |      | Т              |
| 11'-4' (           | (136") PRECAST                                 | 666  | 535                                | 9/05                       | 1295 | 1595    | 1896    | 2198    | 363  | 55             |
|                    |  | 6071   | 400                                | 631                        | 816  | 1001    | 1186    | 1372    |      |                |
| 12'-0'             | (144") PRECAST                                 | 631  | 486                                | 818                        | 1209 | 1514    | Peri    | 2086    | 340  | 49             |
|                    |  | 5001   | 340                                | 532                        | 686  | 841     | 997     | 1153    |      |                |
| 13'-4"             | (160°) PRECAST                                 | 573  | 409                                | 682                        | 1004 | 1367    | 1637    | 1891    | 302  | 36             |
| 141 6"             | (K 01) DDEC 107                                | 458*   | 316                                | 493                        | 635  | 378     | 922     | 10065   |      |                |
| 14'-0"             | (168") PRECAST                                 | 548  | 3T8                                | 629                        | 922  | 1254    | 1561    | 1816    | 286  | 36             |
| 14'-8"             | (176")   | 243  | 295                                | 459                        | 591  | 724     | 857     | 990     |      |                |
| F                  | PRESTRESSED                                    | 243  | 352                                | 582                        | 852  | 1156    | 1491    | 1742    | N.R. | 35             |
| 15'-4"             | (184")   | 228  | 278                                | 430                        | 553  | 677     | 8Ø1     | 925     |      |                |
| F                  | PRESTRESSED                                    | 228  | 329                                | 542                        | 191  | 1Ø72    | 1381    | 1676    | N.R. | 32             |
| 17'-4"             | (208')   | 188  | 236                                | 361                        | 464  | 567     | 670     | 774     |      |                |
|                    | PRESTRESSED                                    | 188  | 276                                | 449                        | 649  | 814     | 1121    | 1389    | N.R. | 25             |
| 19'-4"             | (232')   | 165  | 207                                | 313                        | 401  | 490     | 578     | 667     |      |                |
| 1                  | PRESTRESSED                                    | 165  | 239                                | 383                        | 550  | 736     | 940     | 1160    | N.R. | 20             |
| 21'-4"             | (256")   | 145  | 186                                | 278                        | 356  | 433     | 512     | 590     |      |                |
|                    | PRESTRESSED                                    | 142  | 212                                | 336                        | 477  | 635     | 8Ø1     | 993     | N.R. | п              |
| 22'-Ø"             | (264')   | 140  | 180                                | 268                        | 343  | 418     | 493     | 568     |      | 161            |
| - 1                | PRESTRESSED                                    | 137  | 205                                | 322                        | 457  | 607     | 771     | 947     | N.R. |                |
| 24'-0"             | (288")   | 127  | 165                                | 244                        | 312  | 380     | 447     | 515     |      |                |



8RFI4-IB/IT 8F8-1B/IT 8F8-ØB/IT TYPE DESIGNATION



# MATERIALS . f'c precast lintels = 3500 psi.

- | F'c precast lintels = 3500 psi.
  | F'c prestressed lintels = 6000 psi.
  | F'c grout = 3000 psi u/ maximum 3/8" aggregate.
  | Concrete masonry units (CMU) per ASTM C90 w/
  minimum net area compressive strength = 1900 psi.
  | Rebar provided in precast lintel per ASTM A615
  | GR60, Field rebar per ASTM A615 GR40 or GR60.
  | Prestressing strand per ASTM A416 grade
  | 270 low relaxation.
  | 1732 wire per ASTM A510.
  | Mortar per ASTM C270 type M or S.
  | GENERAL NOTES|
  | Provide full mortar head and bed joints.

- . Provide full mortar head and bed joints. . Shore filled lintels as required.
- 3. Installation of lintel must comply with the architectural and/or
- structural drawings. 4. Lintels are manufactured with 5-1/2' long notches at the ends
- to accommodate vertical cell reinforcing and grouting.

  5. All lintels meet or exceed L/360 vertical deflection, except lintels 17:-4° and longer with a nominal height of 8° meet or exceed L/180. 6.Bottom field added rebar to be located at the bottom of
- the lintel cavity.

  1. 1/32' diameter wire stirrups are welded to the bottom steel for mechanical anchorage.

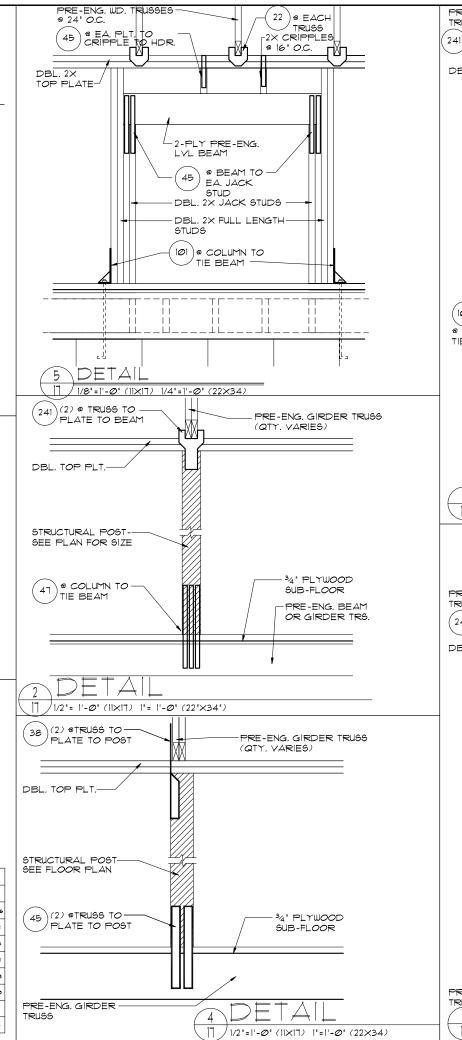
  2. Cast-in-place concrete may be provided in composite lintel
- in lieu of concrete masonry units. 9.5afe load ratings based on rational design analysis per ACI 318 and ACI 530

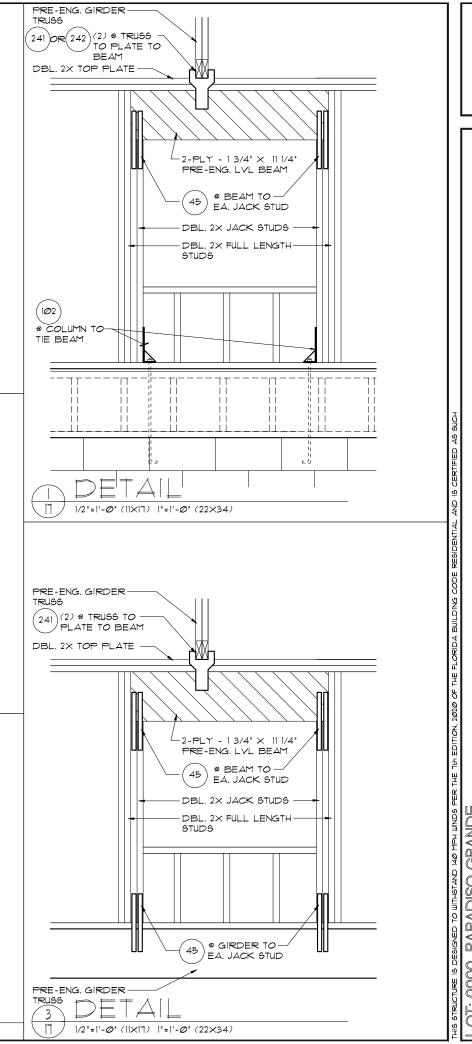
# SAFE LOAD TABLE NOTES I. All values based on minimum 4" bearing. Exception: Safe

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

  9. All safe loads in units of pounds per linear foot.

| 8" PRECAST W/ 2" RECESS DOOR U-LINTELS |         |          |          |          |          |          |          |      |      |  |
|--|---------|----------|----------|----------|----------|----------|----------|------|------|--|
|  |         | UPLIFT   |          |          |          |          |          |      |      |  |
| TYPE                                   | 8RF6-IT | 8RFIØ-IT | 8RF14-1T | SRFIS-IT | SRF22-IT | 8RF26-IT | 8RF3Ø-IT |      |      |  |
| LENGTH                                 | 8RF6-2T | 8RF1Ø-2T | 8RF14-2T | 8RF18-2T | 8RF22-2T | 8RF26-2T | 8₹F3Ø-2T | 8RU6 | 8RF6 |  |
| 4'-4' (52') PRECAST                    | 1244    | 1573     | 2413     | 3260     | 4112     | 4967     | 5825     | 932  |      |  |
| 4 -4 (92 / FRECASI                     | 1244    | 1519     | 2339     | 3170     | 4008     | 4850     | 5696     |      | 932  |  |
| 4'-6" (54") PRECAST                    | 1192    | 15ØT     | 2311     | 3121     | 3937     | 4756     | 5511     | 853  | 853  |  |
| 4-9 (94 )   KECA51                     | 1192    | 1455     | 2240     | 3Ø36     | 3837     | 4643     | 5453     |      |      |  |
| EL OL (COL) PPEGAGE                    | 924*    | 1172     | 1795     | 2423     | 3Ø55     | 3689     | 4325     | 501  | 501  |  |
| 5'-8" (68") PRECAST                    | 924     | 1132     | 1741     | 2357     | 2978     | 36Ø3     | 423Ø     |      |      |  |
| 5'-10" (70") PRECAST                   | 896+    | 1138     | 1742     | 2352     | 2965     | 3581     | 4198     | 469  | 469  |  |
| 9-10 (10) FRECASI                      | 896     | 1099     | 1690     | 2288     | 2891     | 3497     | 4106     |      |      |  |
| 6'-8' (80') PRECAST                    | 377     | 882      | 1513     | 2Ø42     | 2573     | 3107     | 3642     |      | "00  |  |
| D-D (DD ) I-RECASI                     | 375     | 956      | 1468     | 1987     | 25Ø9     | 3Ø35     | 3563     | 83Ø  | 1100 |  |
| 71 61 (901) PPEG 46T                   | 688     | 697      | 1325     | 1810     | 2280     | 2753     | 3227     | שוד  | 941  |  |
| 1'-6' (90') PRECAST                    | 688     | 849      | 13@2     | 1762     | 2225     | 2690     | 3157     | 1160 | 341  |  |
| 9'-8' (16') PRECAST                    | 533+    | 433      | 808      | 1123     | 1413     | 17Ø4     | 1995     | 516  | 614  |  |
| 3-5 (IIE / FRECASI                     | 533     | 527      | 1009     | 1369     | 1728     | 2088     | 245Ø     | 516  | 614  |  |
| *REDUCE                                | VALU    | E BY 2   | 25% FO   | R GRA    | DE 40    | FIELD    | REB4     | R    |      |  |





REVISIONS

06-25-21

ineering By: E and C L A. THOMPSC 47509

EL DATA DETAILS

STRUCTURAL

GRANDE

**PARADISO** 

DATE Ø4-Ø9-21

SCALE AS NOTED

00 SHEETS

4842

RAWN JOB

SHEET

AST

O

WOOD | FAMILY RM

SANDAL V EXTENDED F

W)

