# 4003 (A,B,C) OASIS PARADISO GRANDE

40' X 69'4

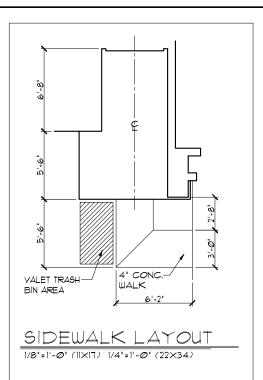
		REVISION SCHEDULE	
NO.	DATE	DESCRIPTION	В
	Ø4-Ø9-21	-THESE PLANS CREATED USING 4004 MONTEREY II PLANS DATED 03-04-21 PROVIDED BY PSH	
$\triangle$	<i>0</i> 6-28-21	-REVISED 2ND FLOOR EXTERIOR FINISH FROM STUCCO TO SMOOTH PANEL BOARD	P
01-02-21   -REVISE ALL ARCH SOFFITS TO FLAT     -INTERIOR DOORS CHANGED TO 6/8 ILO 8/0		-REVISE ALL ARCH SOFFITS TO FLAT	D,
			F

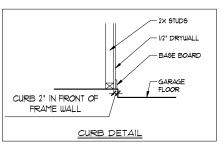
SHEET	INDEX- ELEVATION "A"
00	COVER SHEET
01A.0	FOUNDATION PLAN
02A.0	FLOOR PLAN W/ DIMENSIONS
03A.0	FLOOR PLAN W/ NOTES
04A.0	UPPER FLOOR PLAN W/ DIMENSIONS
05A.0	UPPER FLOOR PLAN W/ NOTES
06A.0	EXTERIOR ELEVATIONS- FRONT/ REAR
07A.0	EXTERIOR ELEVATIONS- LEFT/ RIGHT
08	CROSS SECTION AND INTERIOR ELEVATIONS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

	INDEX FIRMATION
	INDEX- ELEVATION "B"
00	COVER SHEET
01B.0	FOUNDATION PLAN
02B0	FLOOR PLAN W/ DIMENSIONS
03B.0	FLOOR PLAN W/ NOTES
04B.0	UPPER FLOOR PLAN W/ DIMENSIONS
05B.0	UPPER FLOOR PLAN W/ NOTES
06B.0	EXTERIOR ELEVATIONS- FRONT/ REAR
07B.0	EXTERIOR ELEVATIONS- LEFT/ RIGHT
08	CROSS SECTION AND INTERIOR ELEVATIONS
09B.0	ELECTRICAL PLAN
10B.0	UPPER ELECTRICAL PLAN
11B.0	TRUSS LAYOUT
12B.0	UPPER TRUSS LAYOUT
13B.0	PRECAST LINTEL LAYOUT
14	TYPICAL DETAILS/CONNECTOR SCHEDULE
15	TYPICAL DETAILS
16	TYPICAL DETAILS
17	TYPICAL DETAILS
D1	TYPICAL STRUCTURAL DETAILS
D2	TYPICAL STRUCTURAL DETAILS
D3	TYPICAL STRUCTURAL DETAILS
D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL DETAILS
D6	SOFFIT DETAILS

S	HEET	INDEX-ELEVATION "C"	
	00	COVER SHEET	
0	1C.0	FOUNDATION PLAN	
0	2C.0	FLOOR PLAN W/ DIMENSIONS	
0	3C.0	FLOOR PLAN W/ NOTES	
0	4C.0	UPPER FLOOR PLAN W/ DIMENSIONS	
0	5C.0	UPPER FLOOR PLAN W/ NOTES	
0	6C.0	EXTERIOR ELEVATIONS- FRONT/ REAR	
0	7C.0	EXTERIOR ELEVATIONS- LEFT/ RIGHT	
-	8		
-		ELECTRICAL PLAN	
1		UPPER ELECTRICAL PLAN	
""		TRUSS LAYOUT	
"-	2C.0		
		PRECAST LINTEL LAYOUT	
1 -	4	TYPICAL DETAILS/CONNECTOR SCHEDULE	
"	5	TYPICAL DETAILS	
16		TYPICAL DETAILS	
	7	TYPICAL DETAILS	
	-	TYPICAL STRUCTURAL DETAILS	
	)2	TYPICAL STRUCTURAL DETAILS	
	)3	TYPICAL STRUCTURAL DETAILS	
	)4	TYPICAL STRUCTURAL DETAILS	
-	)5	TYPICAL STRUCTURAL DETAILS	
	)6	SOFFIT DETAILS	

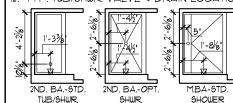
PARADISO GRANDE

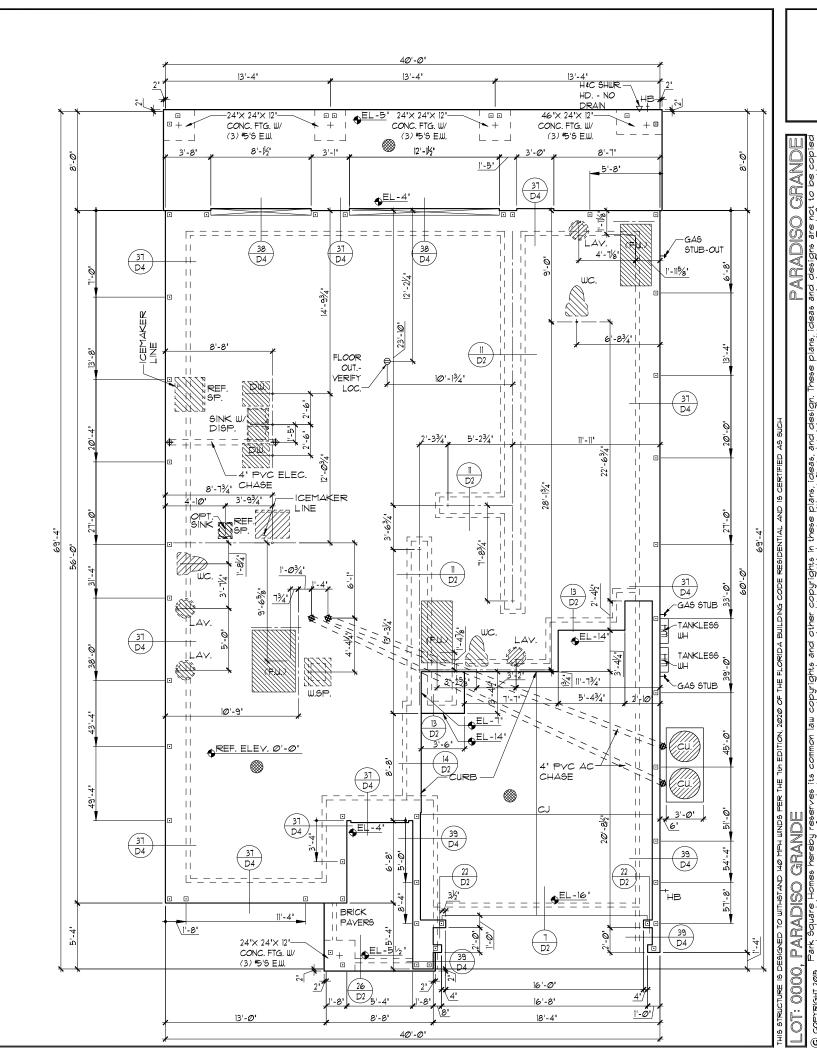




## **FOUNDATION NOTES**

- 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.482 FLORDA BUILDING CODE.
- TYP. TUB/SHWR. VALVE & DRAIN LOCATION





PARADISO GRANDE

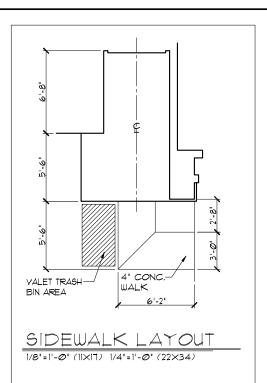
DATE **Ø4-Ø9-**21

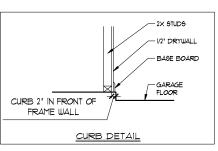
SCALE AS NOTED

SHEET

FOUNDATION PLAN "A"

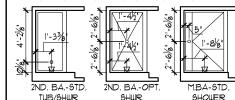
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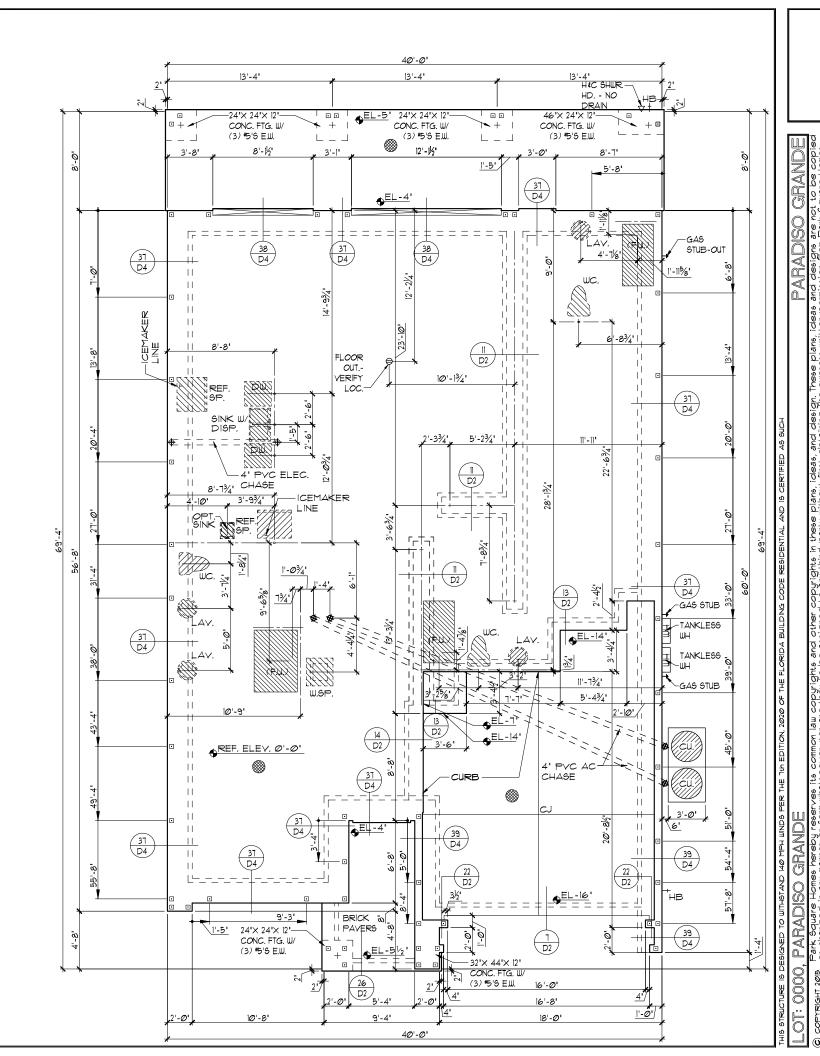




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- WATER HEATER T & PRELIEF VALVE SHALL BE FULL SIZE TO EXTERIOR. WATER HEATER AT OR ABOVE FLOOR LEVEL SHALL BE IN A PAN WITH DRAIN TO EXTERIOR, WATER HEATER SHALL HAVE APPROVED THERMA EXPANSION DEVICE.
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- TYP. TUB/SHWR. VALVE & DRAIN LOCATION





PARADISO GRANDE

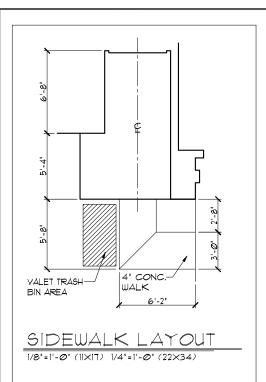
DATE **Ø4-Ø9-**21

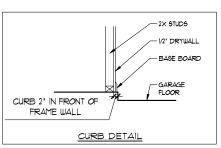
SCALE AS NOTED

SHEE1

FOUNDATION PLAN "B'

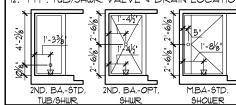
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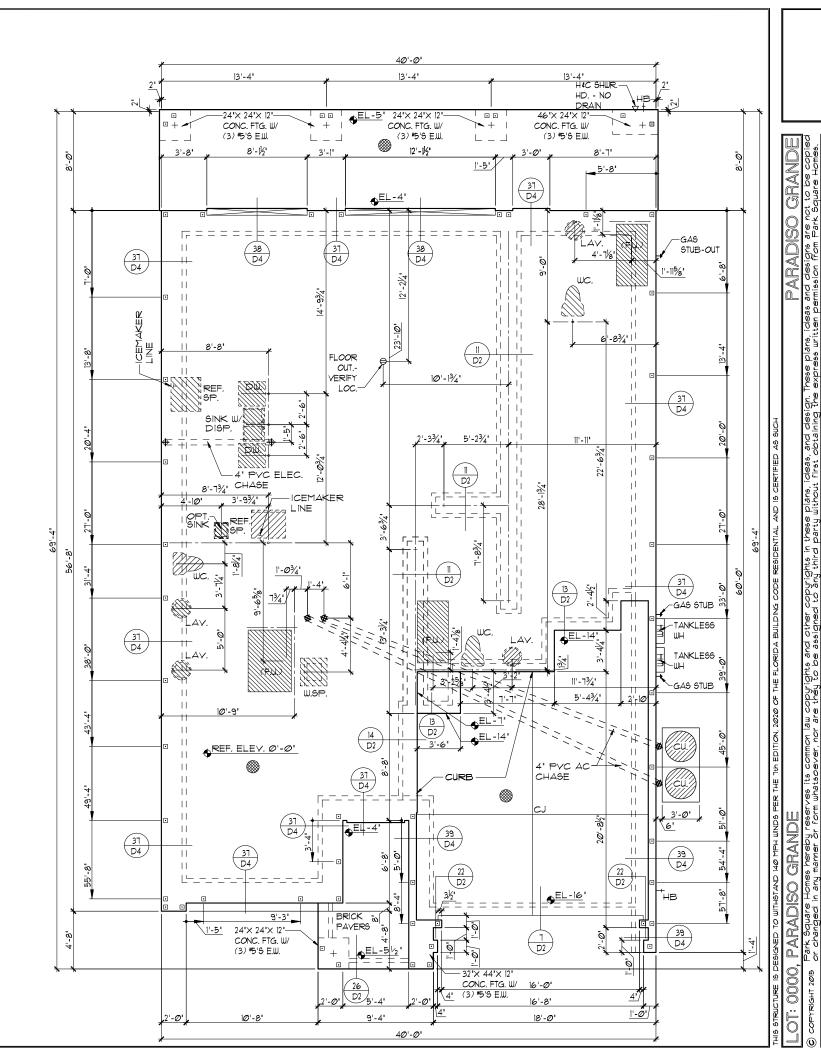




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- 3. DENOTES FILL CELL REINF. W/ CONC. W/ (2) #5¢ REBAR, GRADE 60
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- TYP. TUB/SHWR. VALVE & DRAIN LOCATION





PARADISO GRANDE

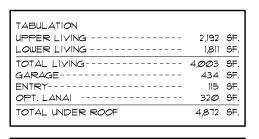
DATE **Ø4-Ø9-**21

SCALE AS NOTED

SHEET

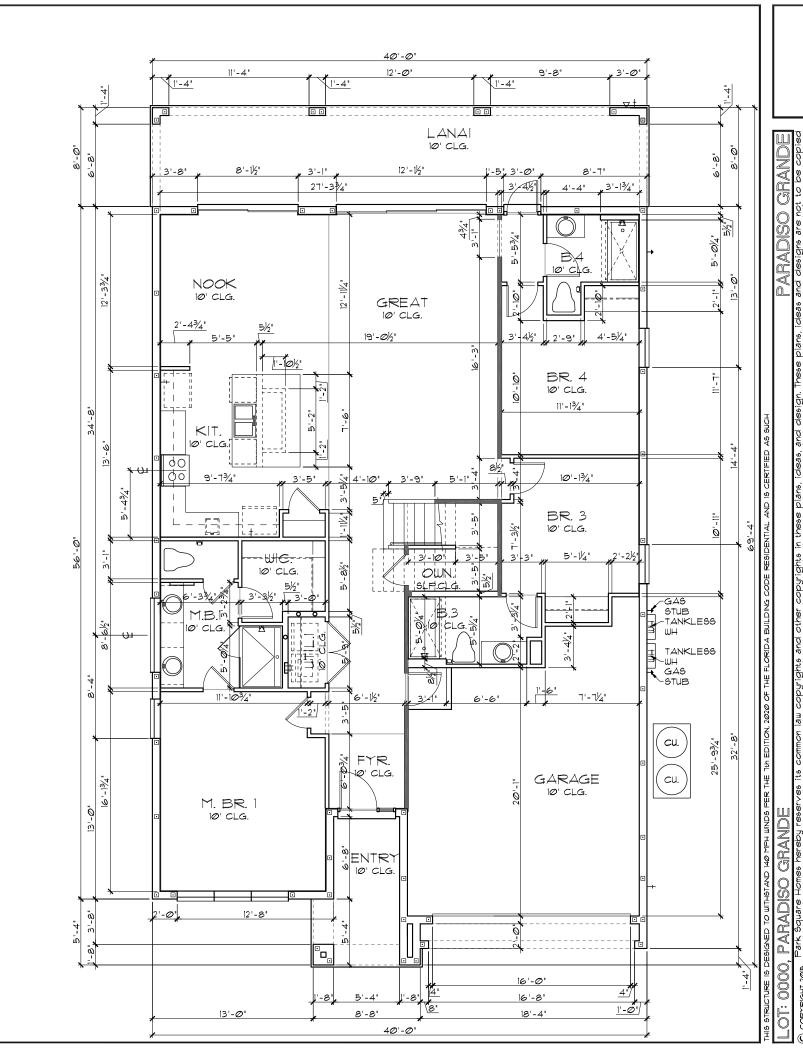
FOUNDATION PLAN "C"

1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)



# GENERAL NOTES

- CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
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- 3. ALL INTERIOR FRAME WALL DIMENSIONS TO BE  $3\frac{1}{2}$ " UNLESS NOTED OTHERWISE.
- 4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE  $1\frac{1}{2}$  " unless noted otherwise.
- 5. ALL INTERIOR CEILINGS AT 10'-0' UNLESS NOTED OTHERWISE.
- 6. MECHANICAL EQUIPMENT LOCATIONS
  WILL BE DETERMINED BY COMMUNITY
  AND COUNTY CODES.



DIMENSIONS

PLAN W/

PARADISO GRANDE

OASIS

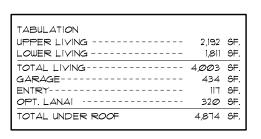
DATE **Ø4-Ø9-**21

SCALE AS NOTED

SHEET

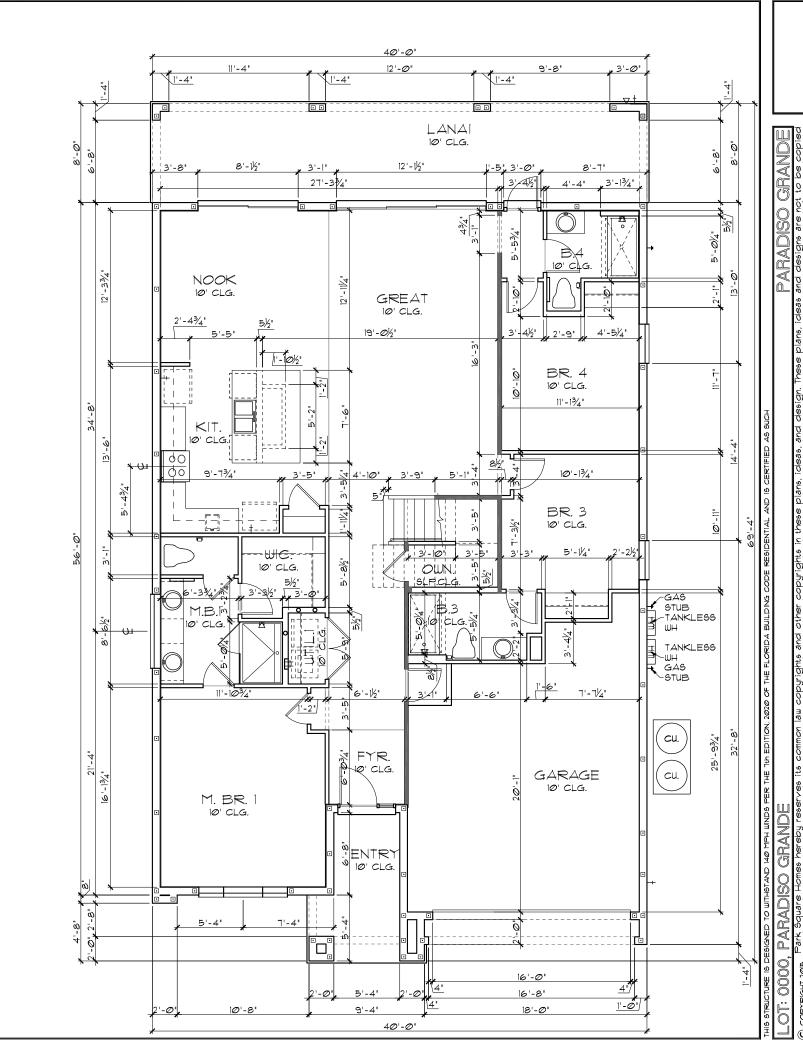
FLOOR PLAN W/ DIMENSIONS "A"

1/8'=1'-0' (1|x|1) 1/4'=1'-0' (22x34)



# GENERAL NOTES

- CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
- . <u>DO NOT SCALE PRINTS!</u> CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY, ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
- 3. ALL INTERIOR FRAME WALL DIMENSIONS TO BE  $3\frac{1}{2}$ " UNLESS NOTED OTHERWISE.
- 4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 71/2" UNLESS NOTED OTHERWISE.
- ALL INTERIOR CEILINGS AT 10'-0" UNLESS NOTED OTHERWISE.
- 6. MECHANICAL EQUIPMENT LOCATIONS
  WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.



DIMENSIONS

 $\mathbb{N}$ 

PLAN

PARADISO GRANDE

OASIS

DATE **Ø4-Ø9-**21

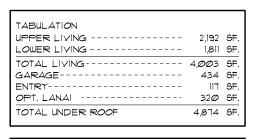
SCALE AS NOTED

RDC

4003

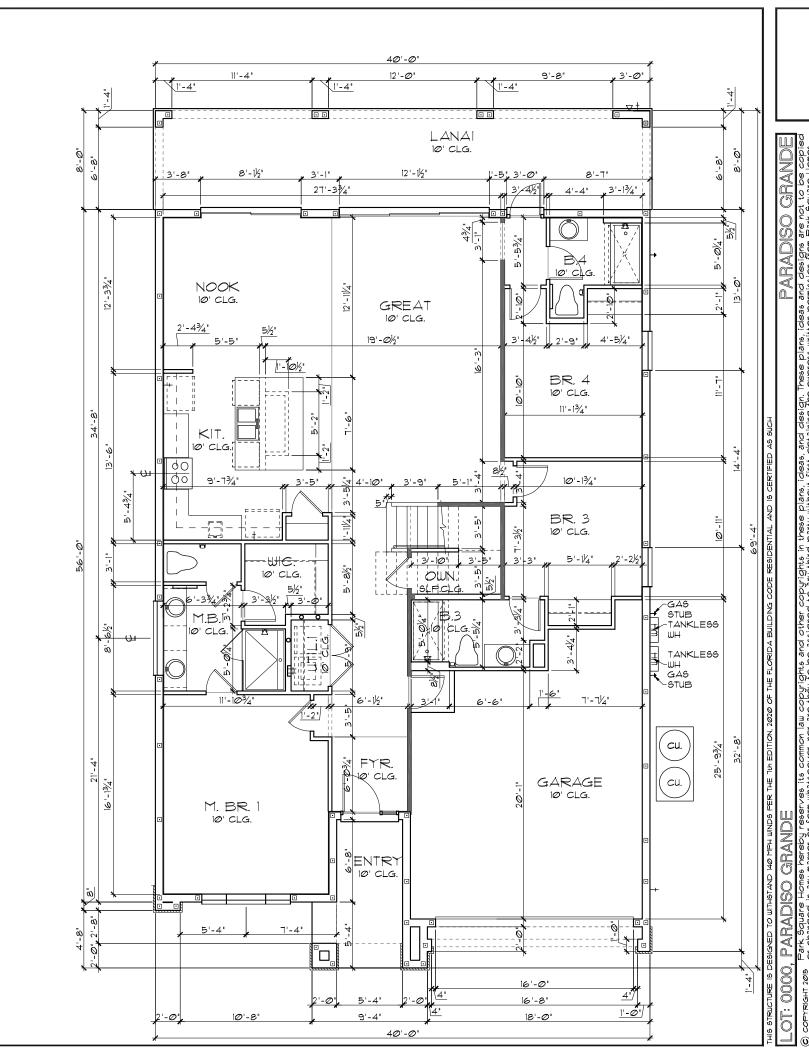
FLOOR PLAN W/ DIMENSIONS "B"

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



# GENERAL NOTES

- 1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
- 2. DO NOT SCALE PRINTS! CONSTRUCTION
  TO BE FROM CALCULATED DIMENSIONS
  ONLY. ANY DISCREPANCIES OR ERRORS
  TO BE REPORTED PROMPTLY TO
  SUPERVISOR FOR CLARIFICATION.
- 3. ALL INTERIOR FRAME WALL DIMENSIONS TO BE 31/2" UNLESS NOTED OTHERWISE.
- 4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE  $7\frac{1}{2}$ " UNLESS NOTED OTHERWISE.
- 5. ALL INTERIOR CEILINGS AT 10'-0' UNLESS NOTED OTHERWISE.
- 6. MECHANICAL EQUIPMENT LOCATIONS
  WILL BE DETERMINED BY COMMUNITY
  AND COUNTY CODES.



DIMENSIONS

PLAN W/

PARADISO GRANDE

OASIS

DATE **Ø4-Ø9-**21

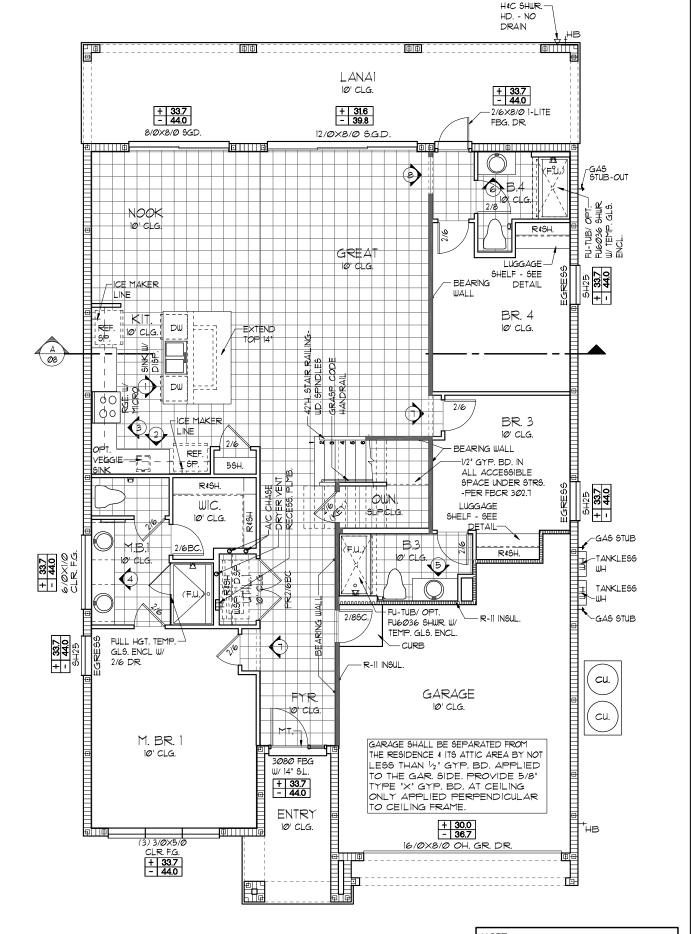
SCALE AS NOTED

SHEET

4003

FLOOR PLAN W/ DIMENSIONS "C"

1/8'=1'-0' (1|X|7) 1/4"=1'-0' (22×34)



FLOOR PLAN W/ NOTES "A"

1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)

10'-0" UNLESS NOTED OTHERWISE. ALL INTER, SECOND FLOOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.

0. ALL INTER. FIRST FLOOR CEILINGS AT

MASONRY INTERFACES

PER CODE: M 1307.1 - M1307.2

REFER TO TYPICAL DETAIL SHEET FOR

EXTERIOR WALL FINISH SPECIFICATIONS

REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO

ANCHOR THE CONDENSER UNIT TO SLAB

DENOTES CONC. BLOCK WALL HGT. @ 10'-0" A.F.F.

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

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

GRANDE

**PARADISO** 

SCALE AS NOTED

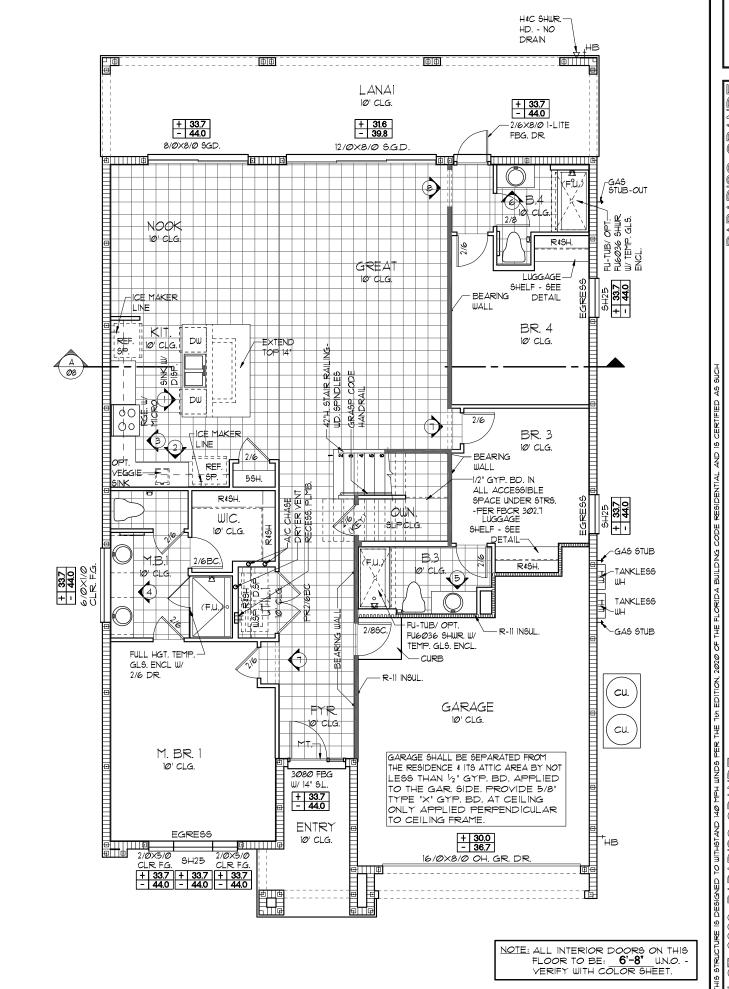
4003

RAWN

JOB

SHEET

OASIS



GRANDE

**PARADISO** 

SCALE AS NOTED

4003

RAWN

JOB

SHEE1

OASIS

FLOOR PLAN W/ NOTES "B"

| |/8<u>"</u>=<u>|</u>'-\@" (||\ti|) | |/4<u>"</u>=<u>|</u>'-\@" (22\times34)

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

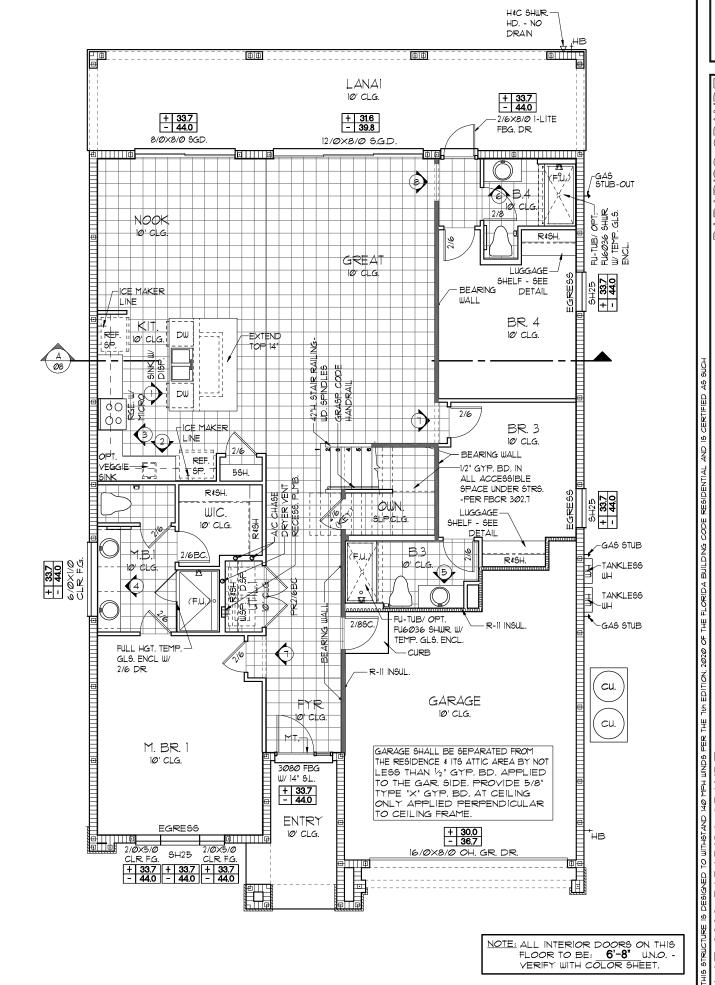
REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS

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

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

IØ. ALL INTER. FIRST FLOOR CEILINGS AT 10'-0" UNLESS NOTED OTHERWISE.

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



FLOOR PLAN W/ NOTES "C"

1/8"=1'-Ø" (11×17) 1/4"=1'-Ø" (22×34)

EXTERIOR WALL FINISH SPECIFICATIONS

REQUIREMENTS AT ALL WOOD TO

PER CODE: M 1307.1 - M1307.2

REFER TO DETAIL SHEETS FOR FLASHING

ANCHOR THE CONDENSER UNIT TO SLAB

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

0. ALL INTER. FIRST FLOOR CEILINGS AT

10'-0' UNLESS NOTED OTHERWISE.

OASIS

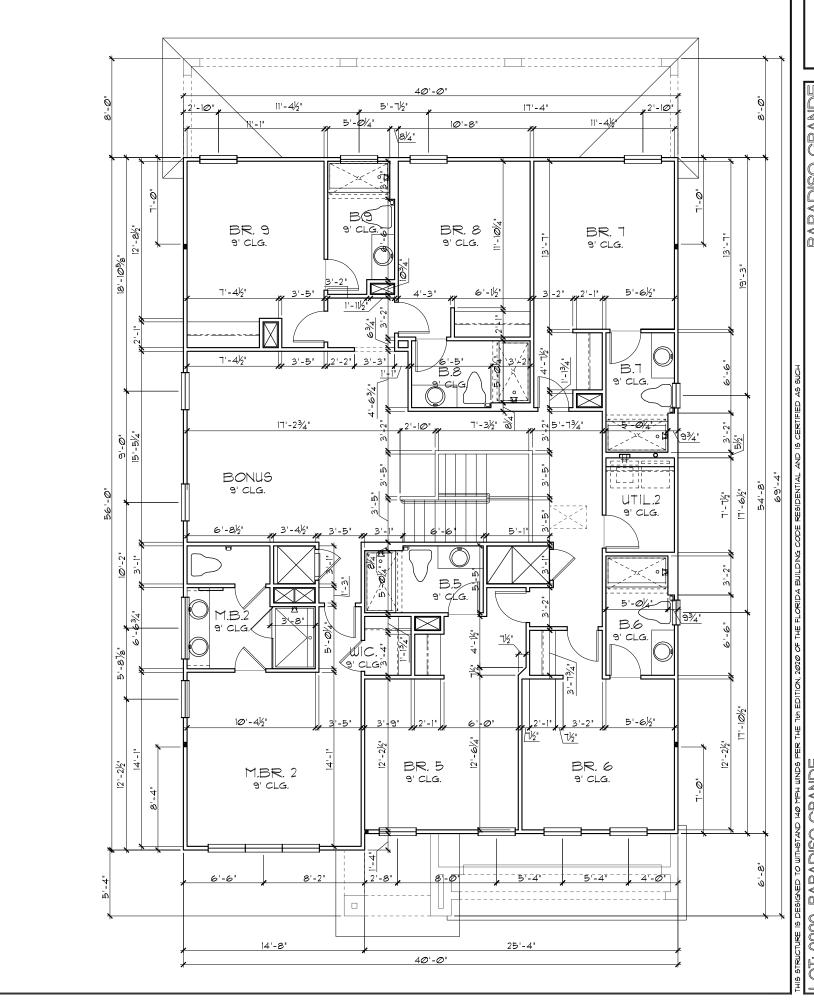
**PARADISO** 

GRANDE

SCALE AS NOTED

400

JOB SHEE1



UPPER FLOOR PLAN DIMENSIONS

PARADISO GRANDE

OASIS

DATE Ø4-Ø9-21

SCALE AS NOTED

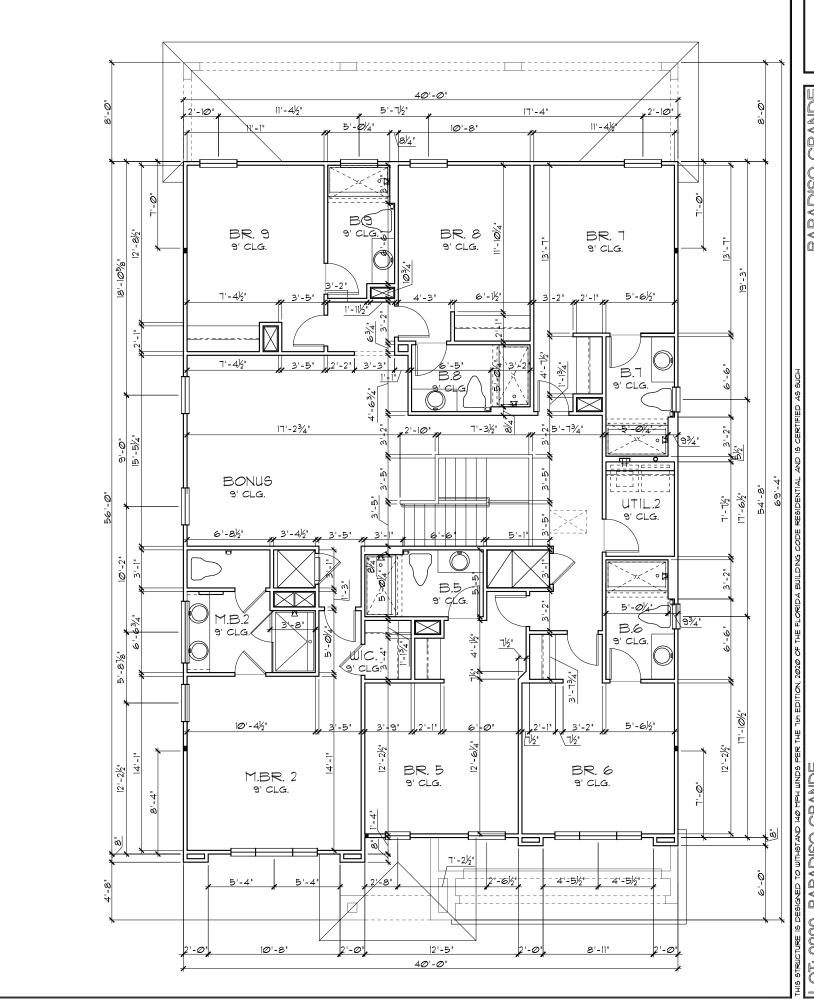
SHEET

# GENERAL NOTES

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- 2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
- 3. ALL INTERIOR FRAME WALL DIMENSIONS TO BE  $3\frac{1}{2}"$  UNLESS NOTED OTHERWISE.
- 4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 11/2" UNLESS NOTED OTHERWISE.
- 5. ALL INTERIOR CEILINGS AT <u>9'-0'</u> UNLESS NOTED OTHERWISE.
- 6. MECHANICAL EQUIPMENT LOCATIONS
  WILL BE DETERMINED BY COMMUNITY
  AND COUNTY CODES.

UPPER FLOOR PLAN W/ DIMENSIONS "A"

1/8"=1'-Ø" (11×17) 1/4"=1'-Ø" (22×34)



ER FLOOR PLAN V

PARADISO GRANDE

DATE **Ø4-Ø9-**21

SCALE AS NOTED

SHEET

4003

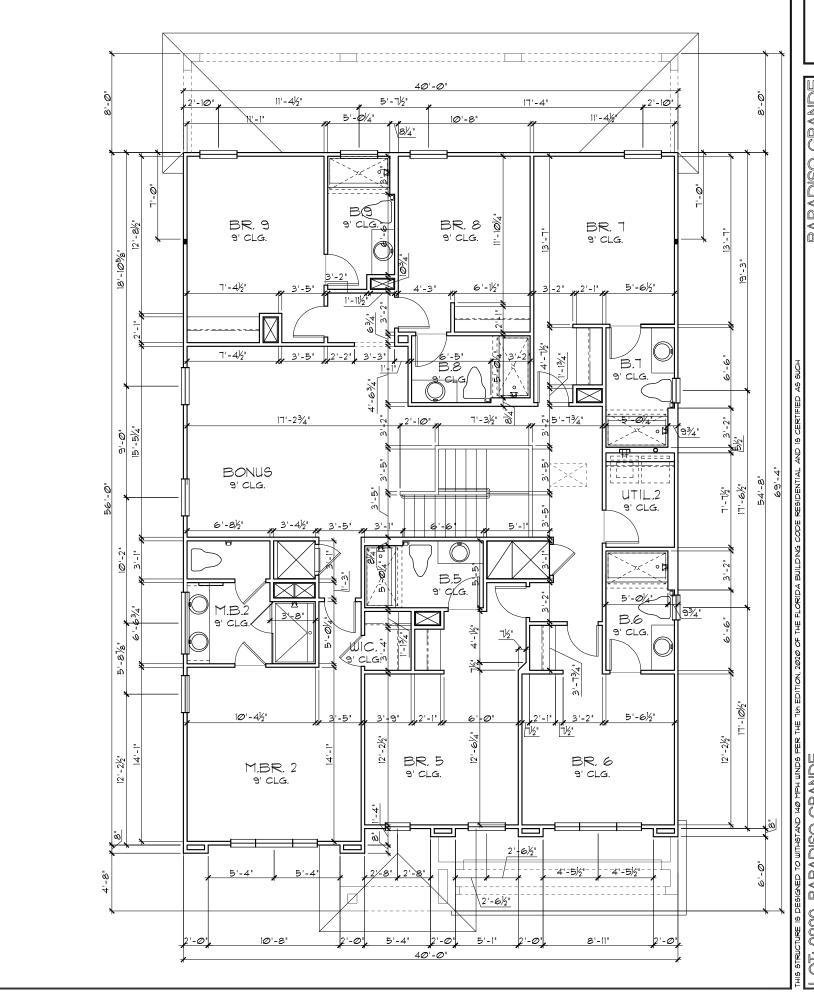
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UPPER FLOOR PLAN W/ DIMENSIONS "B"

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



ER FLOOR PLAN V

PARADISO GRANDE

DATE Ø4-Ø9-21

SCALE AS NOTED

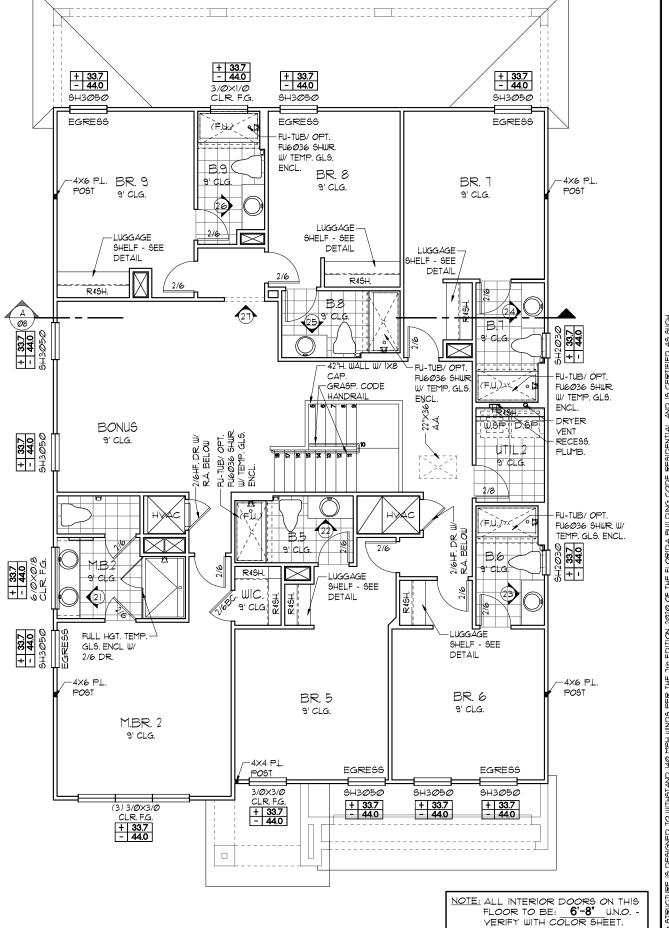
SHEET

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- 4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE  $1\frac{1}{2}$  ' UNLESS NOTED OTHERWISE.
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  AND COUNTY CODES.

UPPER FLOOR PLAN W/ DIMENSIONS "C"

1/8"=|'-Ø" (||X|T) |/4"=|'-Ø" (22×34)



1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)

UPPER FLOOR PLAN NOTES "A" ALL INTER, SECOND FLOOR CEILINGS AT

Ø. ALL INTER. FIRST FLOOR CEILINGS AT

10'-0" UNLESS NOTED OTHERWISE.

9'-0" UNLESS NOTED OTHERWISE.

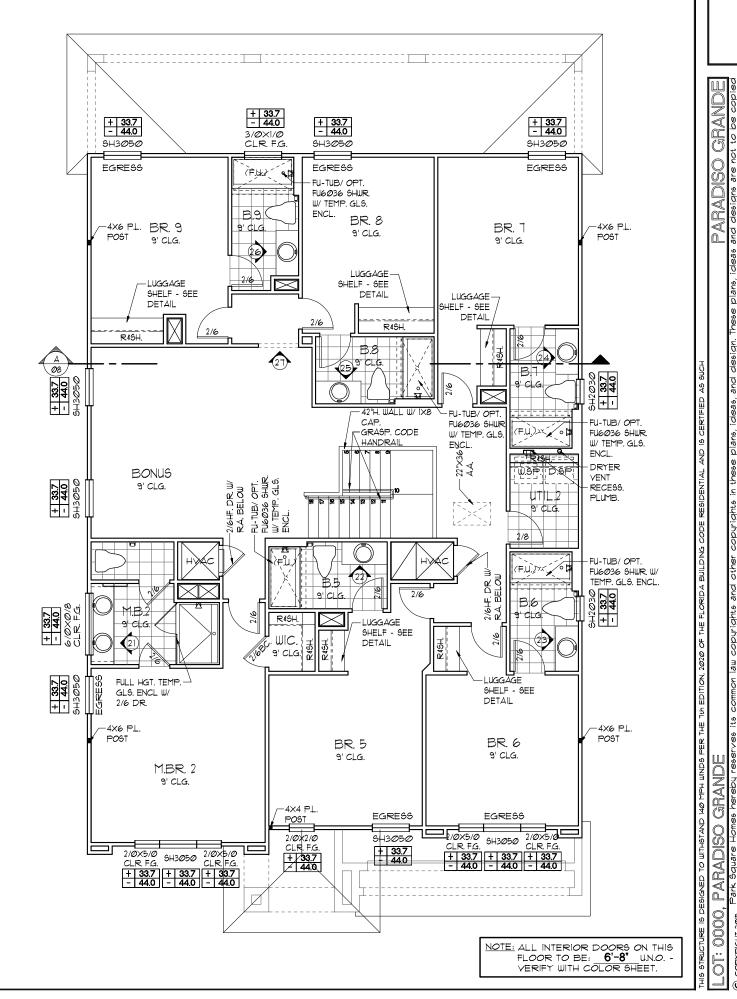
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GRANDE OASIS

**PARADISO** 

SCALE AS NOTED 4003

JOB SHEET



UPPER FLOOR PLAN NOTES "B" 1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)

Ø. ALL INTER. FIRST FLOOR CEILINGS AT

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

10'-0' UNLESS NOTED OTHERWISE.

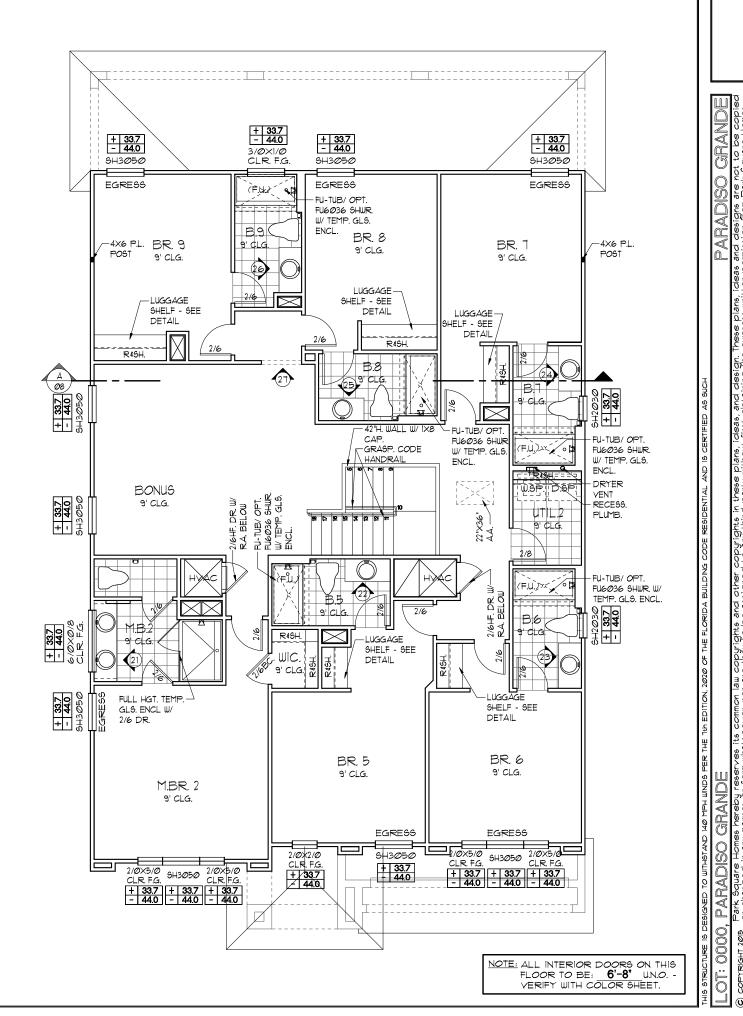
 $\geqslant$ 

GRANDE OASIS

**PARADISO** 

SCALE AS NOTED

JOB 4003 SHEET



 $\geqslant$ 

GRANDE

**PARADISO** 

SCALE AS NOTED

4003

JOB

SHEE1

OASIS

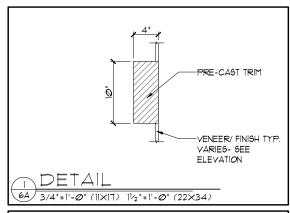
UPPER FLOOR PLAN NOTES "C"

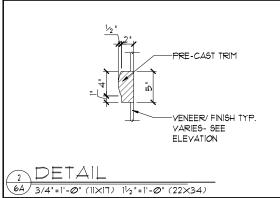
|/8"=|'-@" (||X|7) |/4"=|'-@" (22X34)

0. ALL INTER. FIRST FLOOR CEILINGS AT

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

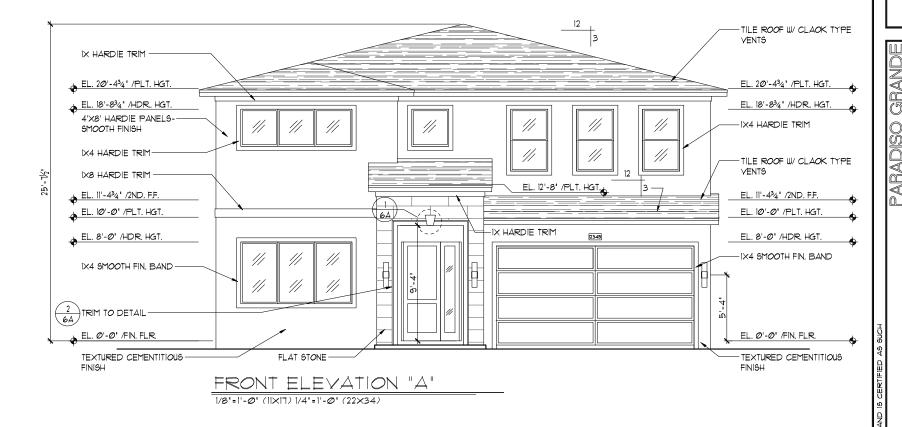
10'-0" UNLESS NOTED OTHERWISE.





# EXTERIOR FINISH NOTES

- 1. LATH TO BE ATTACHED IAW RT03.7.1 OF THE 1TH EDITION, FBCR. 2020
- 2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW RT03.7.2 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 R703.1.3 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 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 ELEVATION AND REAR TERIOR PARADISO GRANDE

> DATE Ø4-Ø9-21 SCALE AS NOTED

# EXTERIOR FINISH NOTES

- 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 6CREED TO BE INSTALLED IAW RT03.12.I OF THE 1TH EDITION, FBCR. 2020
- 4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R703.7.3 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.





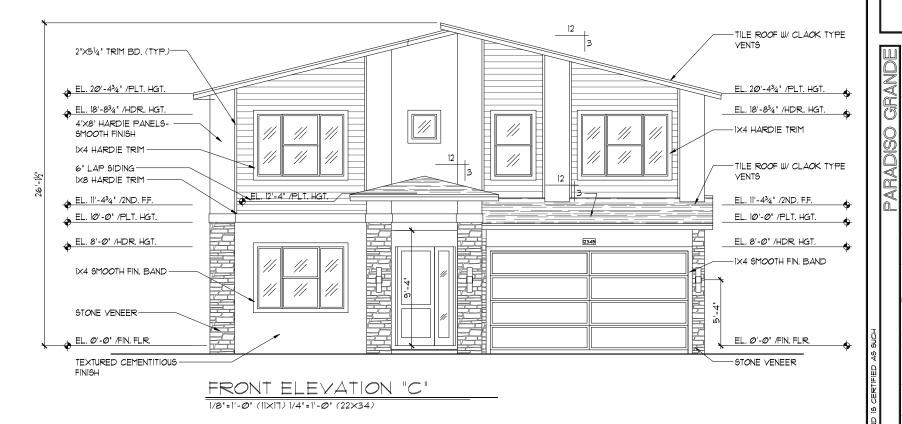
REVISIONS Engineering By:
DBE and C
MICHAEL A THOMPSON
PE 47509
PHONE 407-721-2292 ELEVATION - AND REAR EXTERIOR I

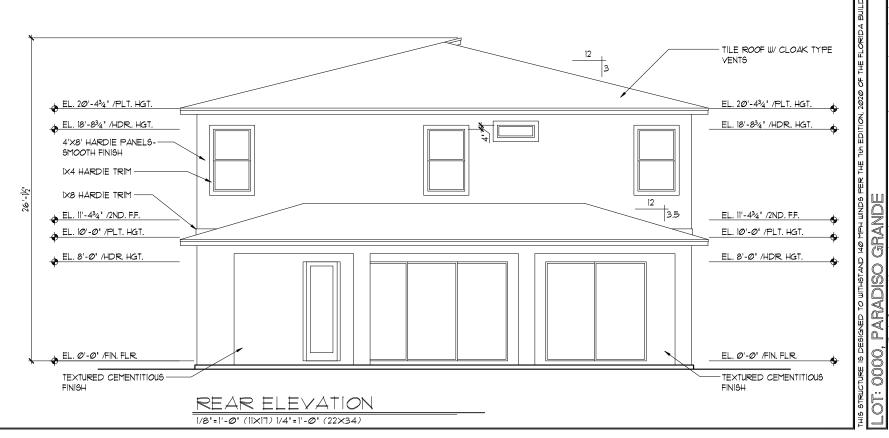
PARADISO GRANDE

SCALE AS NOTED

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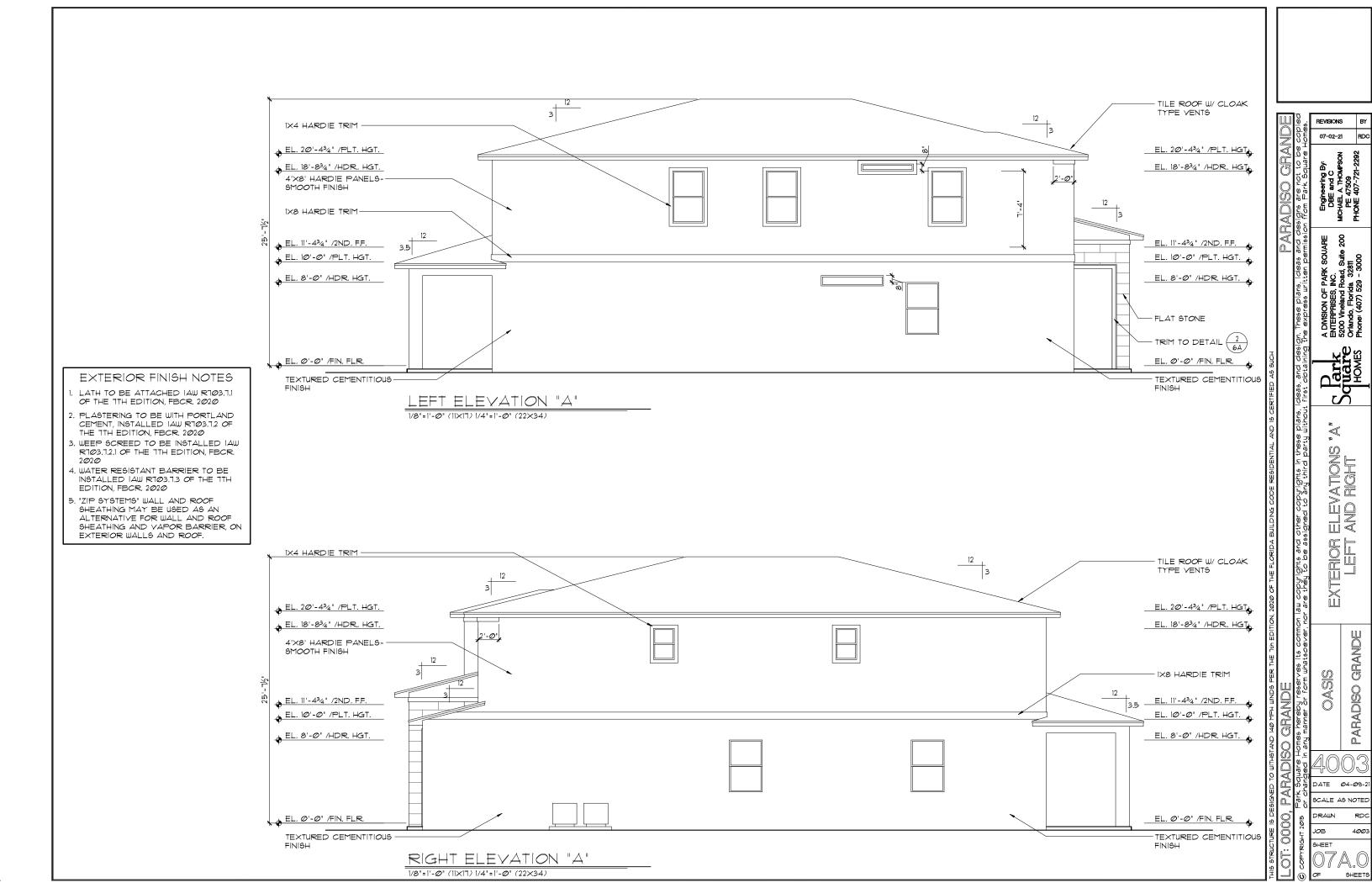


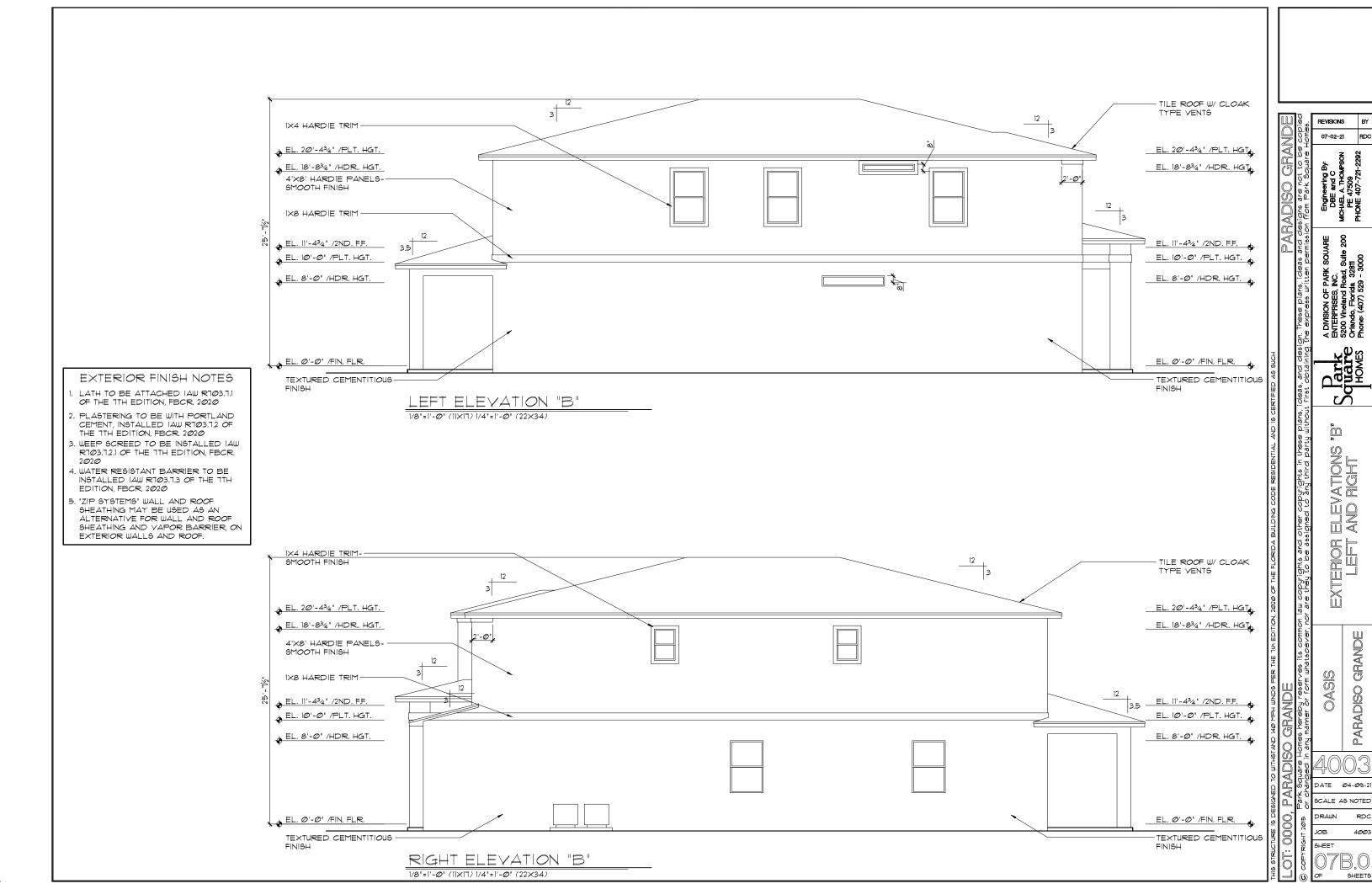


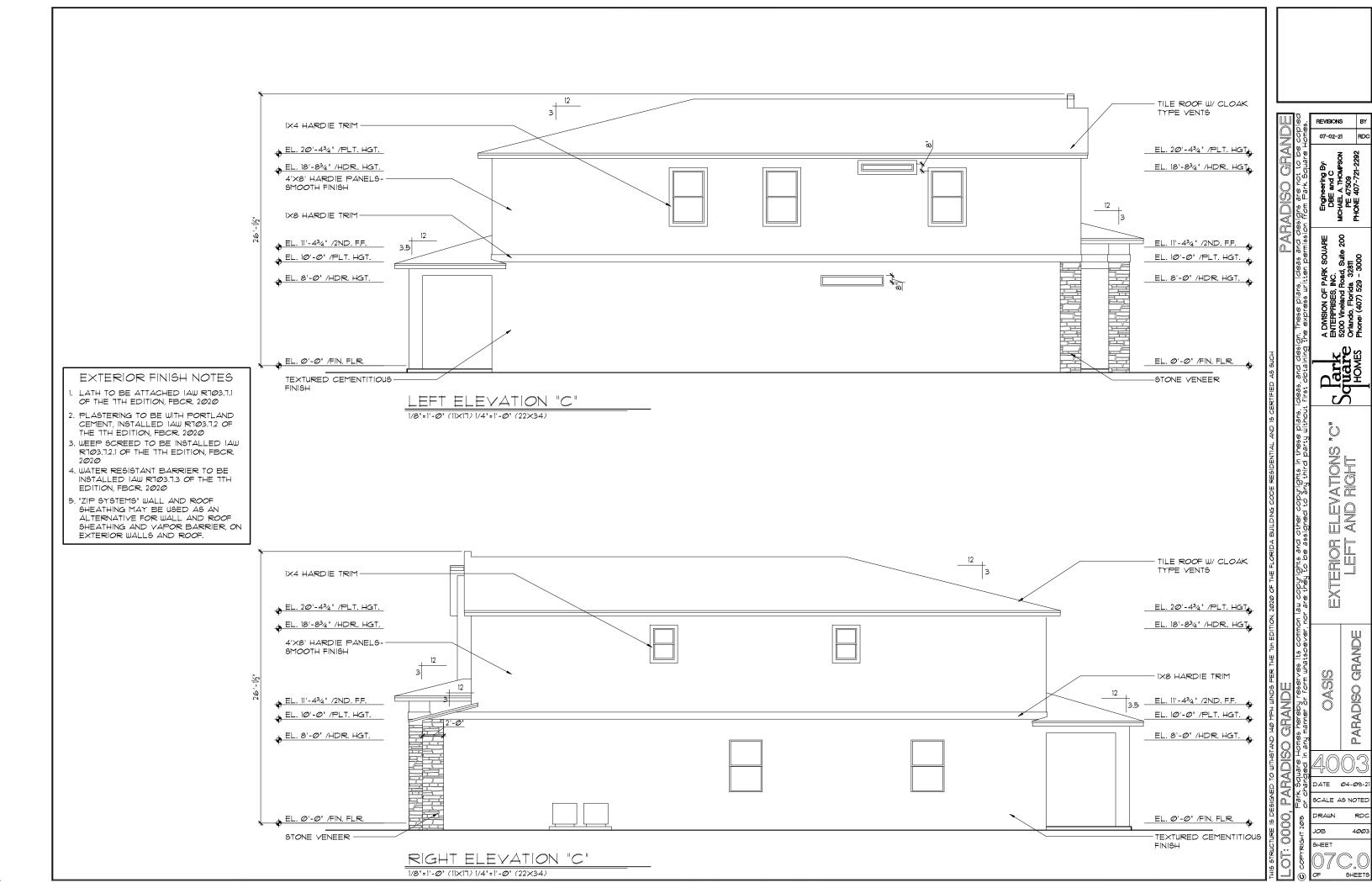
REVISIONS Engineering By:
DBE and C
MICHAEL A. THOMPSON
PE 47509
PHONE 407-721-2292 A DIVISION OF PARK SOUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida, 32811 Phone: (407), 529 - 3000 ELEVATION - AND REAR TERIOR E

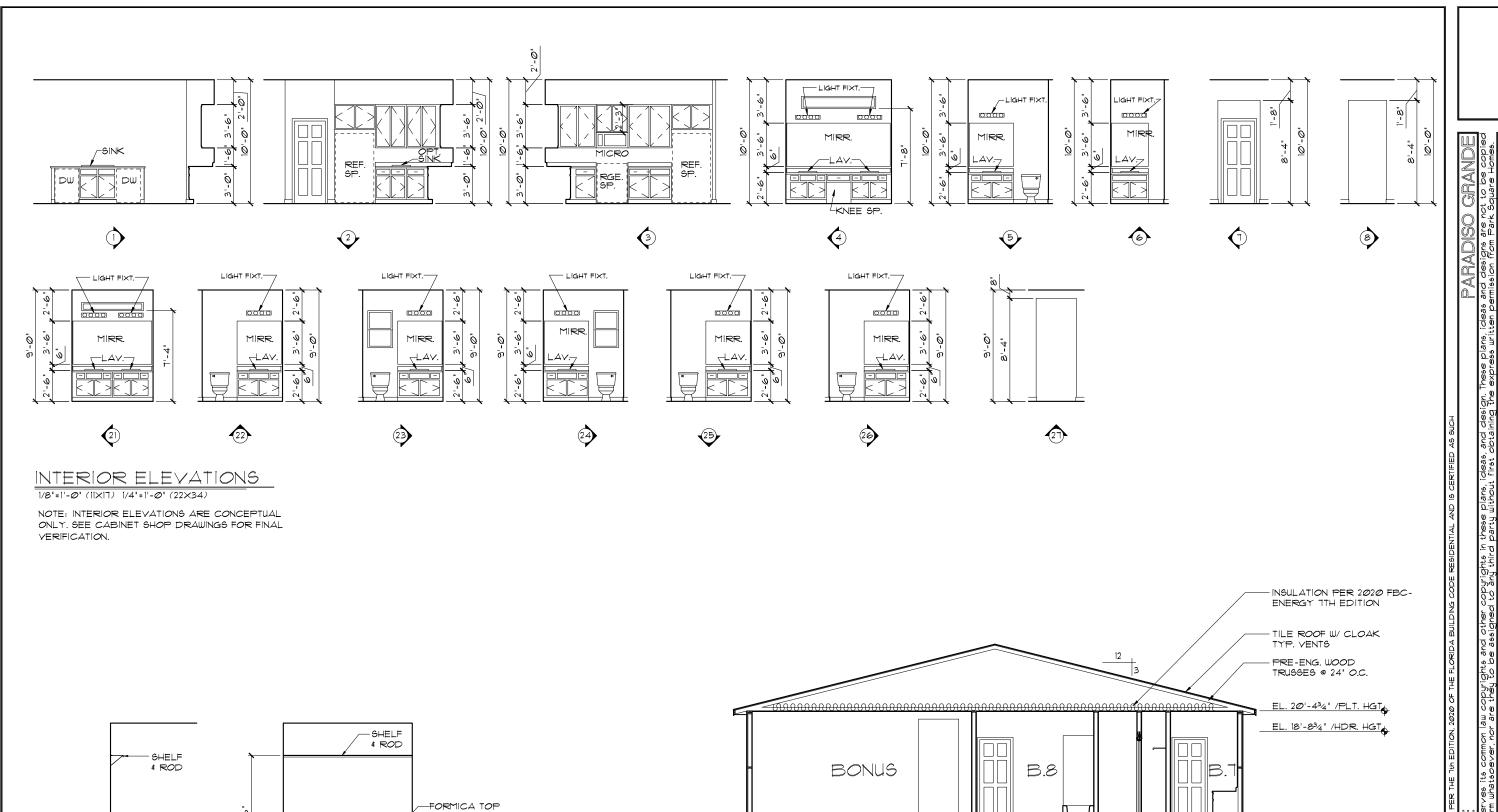
PARADISO GRANDE

DATE **Ø4-Ø9-**21 SCALE AS NOTED









EQ.

NOTE: APPLY 14"X34" SCREEN MOLDING

TO FACE OF ALL FRONT FACING TRIM

LUGGAGE SHELF DETAIL

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

BASE TRIM

2'-0"

34" QTR. RND.

EQ.

EQ.,

-3/4" QTR. RND.

-34" FINISHED PLYWOOD (TYP.)

-QUANTITIY OF VERTICAL SUPPORTS YARY BASED ON TOTAL WIDTH OF DROPZONE. MAXIMUM SPACING

BETWEEEN SUPPORTS TO BE 2'-6".

CROSS SECTION / INTERIOR ELEVATIONS SHEET

EL. 11'-4<sup>3</sup>/<sub>4</sub>" /2ND. F.F.

EL. 10'-0" /PLT. HGT.

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

EL. Ø'-Ø" /FIN. FLR.

GR#AT RM.

CROSS SECTION  PARADISO GRANDE

MECHANICAL/GENERAL NOTES PER 1TH ED. 2020 FLA BLD. CODE-RESIDENTIAL

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

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 M1305.

3.) AIR CONDITIONING SYSTEM SHALL BE COMPLETELY BALANCED. ALL ROOMS ISOLATED FROM THE RETURN AIR SHALL BE PROVIDED WITH MEANS TO COMPLY WITH SECTION MIGØ2 OF THE FBCR CODE 2020 TH 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
& 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 IS ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, TTH ED. P2801.

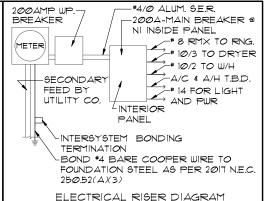
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 1TH ED.

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 NFPA70-NEC 2017

12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(AX2)

12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPATØ-NEC2ØIT - ARTICLE 21Ø-52



ELECTRICAL RISER DIAGRAM

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(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 ft. long, encased in 2 inches of concrete± (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.

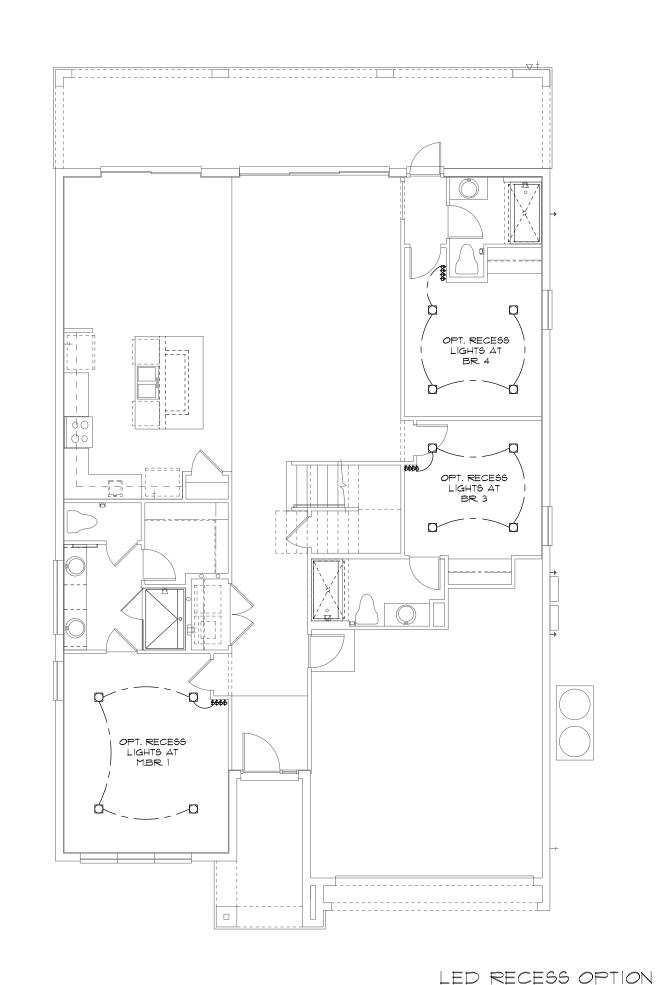
The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated with non-conductive material.

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

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

	ELECTRICAL !	LEGEND		
\$	SINGLE POLE SWITCH	$\forall$	OUTLET, TV/CABLE	
\$3	THREE WAY SWITCH	•	OUTLET, PHONE	
Ψ	OUTLET 110-115	ŏ	INTERCOM	
Φ	OUT. 110-115, SPLIT WIRED	00	CHIMES	
<b>(P</b> )	OUT. 110-115, W/ USB		SMOKE DETECTOR	
ф	OUT. 110-115, CLG. MOUNT.	Œ	CARBON MONOXIDE	
Φ	OUT. 110-115, FLR. MOUNT.	ŏ	PUSH BUTTON	
•	SPCL. PURPOSE 220-240	6	EXHAUST FAN	
<del></del>	LIGHT FIXT., CLG. MTD.	4	EX. FAN/LIGHT COMBO	
Ţ	LIGHT FIXT., WALL MTD.	0	DISPOSAL	
	LED LIGHT FIXT., RECESSED	Z	ELECTRICAL PANEL	
Ш	LIGHT FIXT., REC. ADJUST.	Ω_	CEILING FAN, PREWIRE	
þ	LIGHT FIXT., PULL CHAIN	H	CEILING FAN, INSTALL	
H	LED- LIGHT FIXT,FLUORESCENT	٦	ELECT. JUNCTION BOX	
44	LIGHT FIXT., EXT. FLOODS	DΤ	THERMOSTAT	
ΕX	LIGHT FIXT., EMERG. EXIT	Ŋ	DISCONNECT SWITCH	
Ĵ	LIGHT FIXT., EXIT/BACKUP	П	ELEC. POWER METER	
			·	





PARADISO GRANDE

SCALE AS NOTED

4003

JOB

SHEE1

1/8"=1'-Ø" (11×17) 1/4"=1'-Ø" (22×34)

MECHANICAL/GENERAL NOTES PER 1TH ED. 2020 FLA BLD. CODE-RESIDENTIAL ) COMPLETE DUCT DESIGN W/ SIZES & R-VALUE

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

COMPLYING W/ THE FLORIDA ENERGY EFFICIENCY

CODE FOR BUILDING CONSTRUCTION 610.1 ABC.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 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 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-NEC2Ø17 - ARTICLE 210-52

#4/0 ALUM. S.E.R. 200AMP 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. SECONDAR' # 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

5052(A)(3) Concrete-Encased Electrode Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

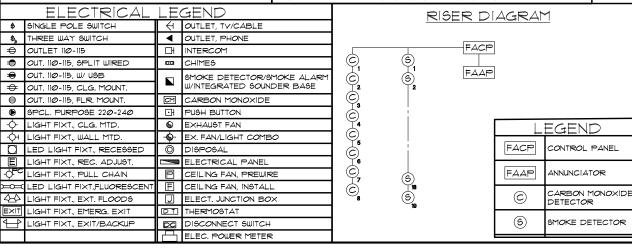
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he steel reinforcing rods must be in a location that s in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single enath of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated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

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 rounding 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.

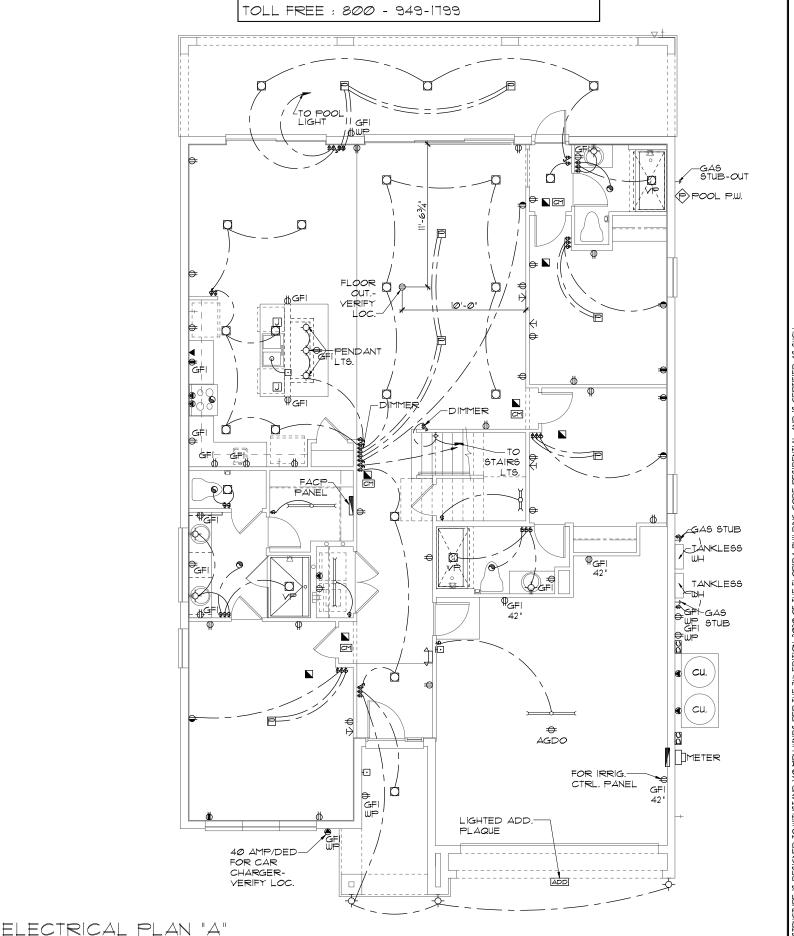
NOTE: THE FIRE ALARM SYSTEM WILL CONSIST OF (1) FIRE ALARM CONTROL PANEL - 32 ZONE FL-FACP-LTEVS WITH (1) SMOKE DETECTOR OVER FIRE ALARM CONTROL PANEL. ALL INSTALLATION FOR THIS MACURCO CARBON MONOXIDE DETECTOR CM-EI&CONVENTIONAL SMOKE DETECTION FIREWOLF FW2-S SHALL BE INSTALLED PURSUANT THE MANUFACTURE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



NOTE :5moke detectors and carbon monoxide DETECTORS WILL BE INSTALLED PER FBC RESIDENTIAL. THE SMOKE DETECTORS WILL BE INTERCONNECTED AND SOUND OFF UPON AN ALARM. THE CO DETECTORS WILL SOUND OFF WHEN IN ALARM.

1/8"=1'-Ø" (11×17) 1/4"=1'-Ø" (22×34)

FIRE ALARM CONTRACTOR: CPSS - CRIME PREVENTION SECURITY SYSTEM 4701 SW 34 STREET - GAINESVILLE - FL-32608 LIC. #EF20001021 PHONE: 352-376-1499



PARADISO GRANDE OASIS

GALE AS NOTED

SHEET

MECHANICAL/GENERAL NOTES PER 1TH ED. 2020 FLA BLD. CODE-RESIDENTIAL

) 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 MIGO? 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, 1TH ED. P28Ø1.7
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210-52

#4/0 ALUM. S.E.R. 200AMP 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. -SECONDAR' # 14 FOR LIGHT FEED BY AND PWR UTILITY CO. 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

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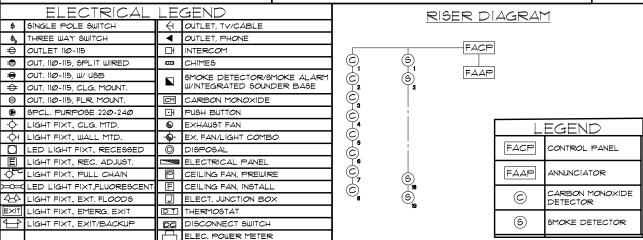
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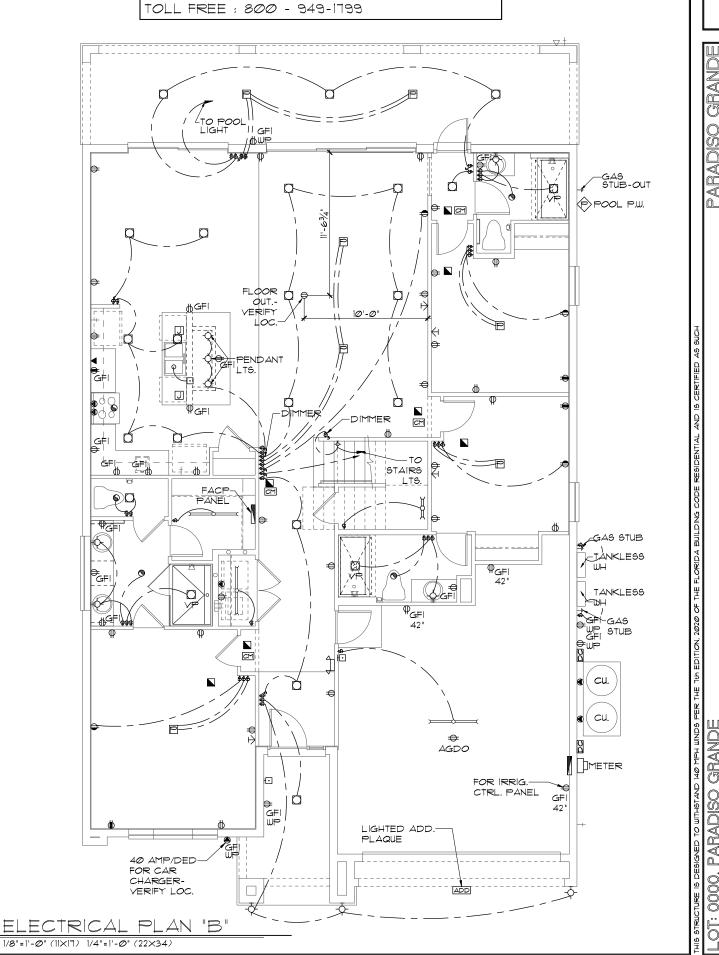
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FIRE ALARM CONTRACTOR: CPSS - CRIME PREVENTION SECURITY SYSTEM 4701 SW 34 STREET - GAINESVILLE - FL-32608 LIC. #EF2*000*1021 PHONE: 352-376-1499



PARADISO GRANDE

GALE AS NOTED

SHEE1

MECHANICAL/GENERAL NOTES PER 1TH ED. 2020 FLA BLD. CODE-RESIDENTIAL ) COMPLETE DUCT DESIGN W/ SIZES & R-VALUE

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COMPLYING W/ THE FLORIDA ENERGY EFFICIENCY

CODE FOR BUILDING CONSTRUCTION 610.1 ABC.1

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- 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. 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.

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-NEC2017 - ARTICLE 210-52

\*4/Ø ALUM. S.E.R. 200AMP 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. -SECONDAR' \* 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(A)(1) TO (6), LOCAL CODES, AND HE LOCAL POWER COMPANY

25052(A)(3) Concrete-Encased Electrode Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

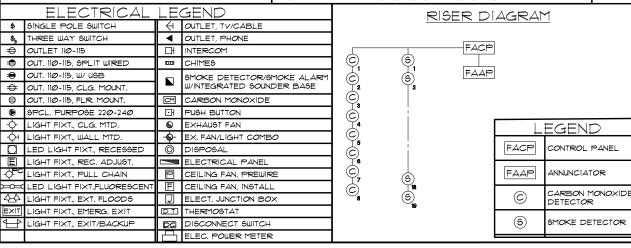
Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long

There are two tupes 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 ith non-conductive materia

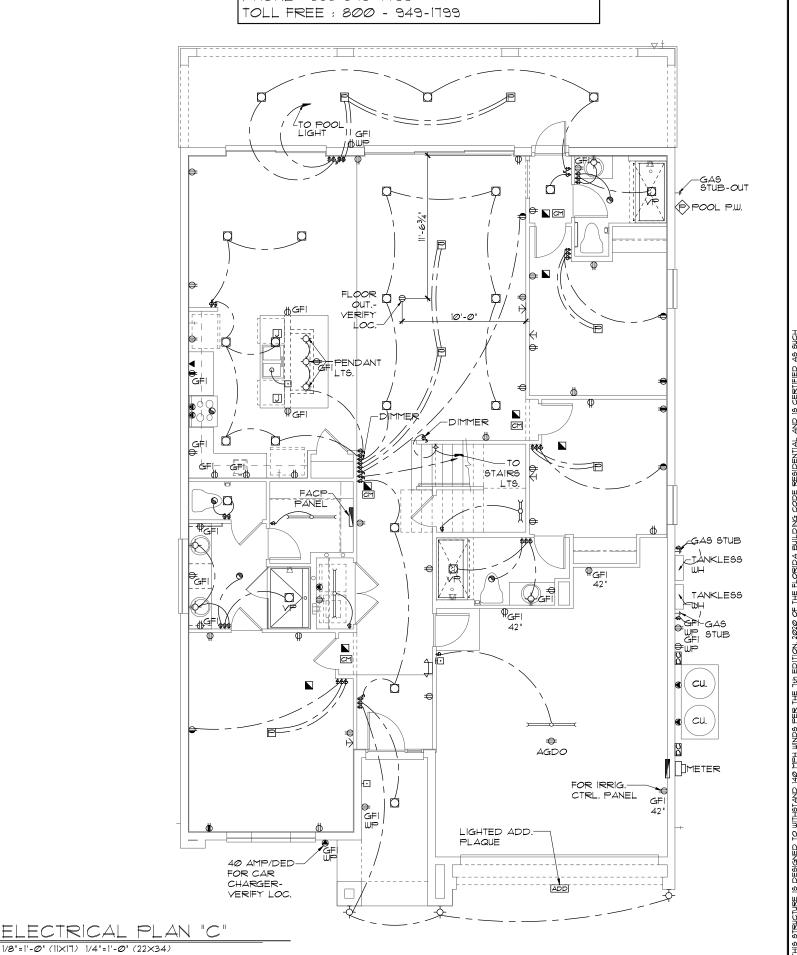
Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a prounding electrode only if it is available. In those Jurisdictions, if the footings 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 eauired

NOTE: THE FIRE ALARM SYSTEM WILL CONSIST OF (1 ) FIRE ALARM CONTROL PANEL - 32 ZONE FL-FACP-LTEVS 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



NOTE: 6moke detectors and carbon monoxide DETECTORS WILL BE INSTALLED PER FBC RESIDENTIAL. THE SMOKE DETECTORS WILL BE INTERCONNECTED AND SOUND OFF UPON AN ALARM. THE CO DETECTORS WILL SOUND OFF WHEN IN ALARM.

FIRE ALARM CONTRACTOR: CPSS - CRIME PREVENTION SECURITY SYSTEM 4701 SW 34 STREET - GAINESVILLE - FL-32608 LIC. #EF20001021 PHONE: 352-376-1499



OASIS

PARADISO GRANDE

CALE AS NOTED

SHEET

) 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 MIGO2 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 # 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

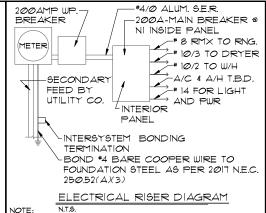
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM IS" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 1TH ED.

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

11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA7Ø-**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-NEC2Ø17 - ARTICLE 210-52



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

25Ø.52(AX3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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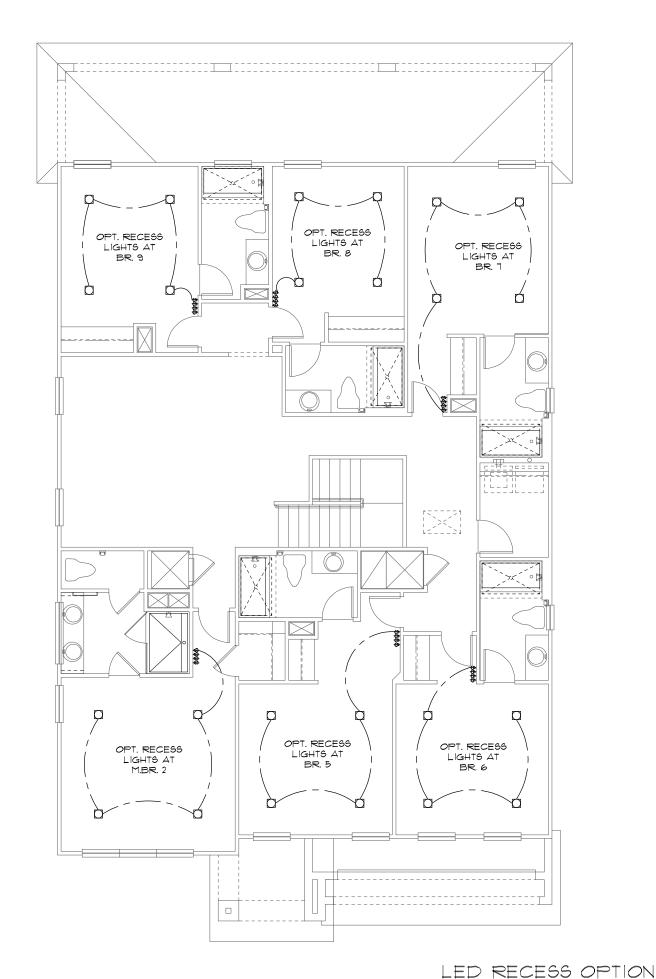
There are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than ½ inch in diameter and at least 20 . long, encased in 2 inches of concrete± (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.

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.

Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode sustem 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 .	LEGEND		
\$	SINGLE POLE SWITCH	$\forall$	OUTLET, TV/CABLE	
\$3	THREE WAY SWITCH	┫	OUTLET, PHONE	
Ф	OUTLET 110-115	ŏ	INTERCOM	
Φ	OUT. 110-115, SPLIT WIRED	00	CHIMES	
<b>(P)</b>	OUT. 110-115, W/ USB		SMOKE DETECTOR	
ф	OUT. 110-115, CLG. MOUNT.	Œ	CARBON MONOXIDE	
0	OUT. 110-115, FLR. MOUNT.	ŏ	PUSH BUTTON	
€	SPCL. PURPOSE 220-240	6	EXHAUST FAN	
ф	LIGHT FIXT., CLG. MTD.	<b>-</b> \$-	EX. FAN/LIGHT COMBO	
ф	LIGHT FIXT., WALL MTD.	0	DISPOSAL	
	LED LIGHT FIXT., RECESSED		ELECTRICAL PANEL	
Ш	LIGHT FIXT., REC. ADJUST.	Ω.	CEILING FAN, PREWIRE	
₽ <sup>P</sup> C	LIGHT FIXT., PULL CHAIN	E	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		ELEC. POWER METER	



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

1/8"=1'-Ø" (11×17) 1/4"=1'-Ø" (22×34)

PARADISO GRANDE

SCALE AS NOTED

4003

SHEETS

JOB

SHEE1

MECHANICAL/GENERAL NOTES PER 1TH ED. 2020 FLA BLD. CODE-RESIDENTIAL ) COMPLETE DUCT DESIGN W/ SIZES & R-VALUE COMPLYING W/ THE FLORIDA ENERGY EFFICIENCY

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

CODE FOR BUILDING CONSTRUCTION 610.1 ABC.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 MIGO2 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 £ ₹314.4
- 8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2020, 1TH ED. P28Ø1.7
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- 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

\*4/Ø ALUM. S.E.R. 200AMP 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. -SECONDAR' \* 14 FOR LIGHT FEED BY AND PWR UTILITY CO. 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(A)(1) TO (6), LOCAL CODES, AND THE LOCAL POWER COMPANY

25Ø.52(A)(3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

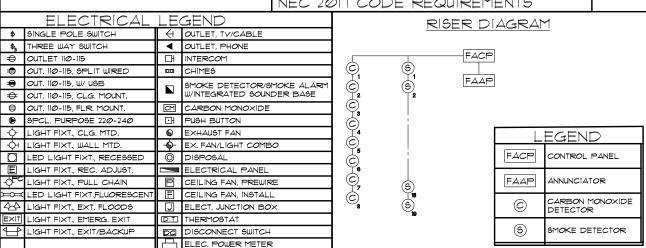
Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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NOTE: THE FIRE ALARM SYSTEM WILL CONSIST OF (1 ) FIRE ALARM CONTROL PANEL - 32 ZONE FL-FACP-LTEVS 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



NOTE: SMOKE DETECTORS AND CARBON MONOXIDE DETECTORS WILL BE INSTALLED PER FBC RESIDENTIAL. THE SMOKE DETECTORS WILL BE INTERCONNECTED AND SOUND OFF UPON AN ALARM. THE CO DETECTORS WILL SOUND OFF WHEN IN ALARM.

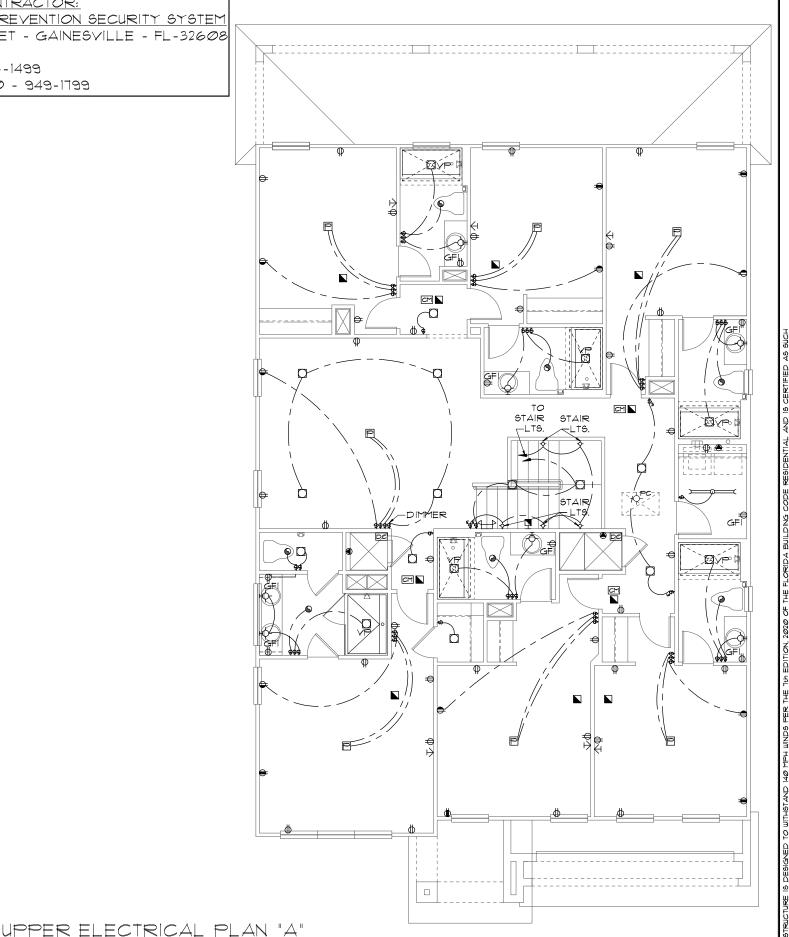
FIRE ALARM CONTRACTOR: CPSS - CRIME PREVENTION SECURITY SYSTEM

4701 SW 34 STREET - GAINESVILLE - FL-32608 \_IC. #EF2*000*1*0*21

1/8"=1'-@" (11×17) 1/4"=1'-@" (22×34)

PHONE: 352-376-1499

TOLL FREE : 800 - 949-1799



PARADISO GRANDE

CALE AS NOTED

SHEET

MECHANICAL/GENERAL NOTES PER 1TH ED. 2020 FLA BLD. CODE-RESIDENTIAL ) COMPLETE DUCT DESIGN W/ SIZES & R-VALUE COMPLYING W/ THE FLORIDA ENERGY EFFICIENCY

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

CODE FOR BUILDING CONSTRUCTION 610.1 ABC.1

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- 4.) IAW NEC 2017- 210.12-ALL 15A OR 20A, 120V BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES IN THE FOLLOWING LOCATIONS REQUIRE AFCI PROTECTION- KITCHEN, FAMILY RMS, DINING RMS, LIVING RMS, PARLORS, LIBRARIES, BEDROOMS, DENS, CLOSETS, SUNROOMS RECREATION RMS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED AFCI DEVICE OF THE COMBINATION TYPE.
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- 12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A)(2)
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# ELECTRICAL RISER DIAGRAM

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

25Ø.52(AX3)

25Ø.52(A)(3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

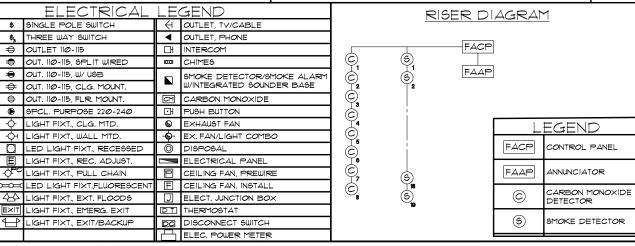
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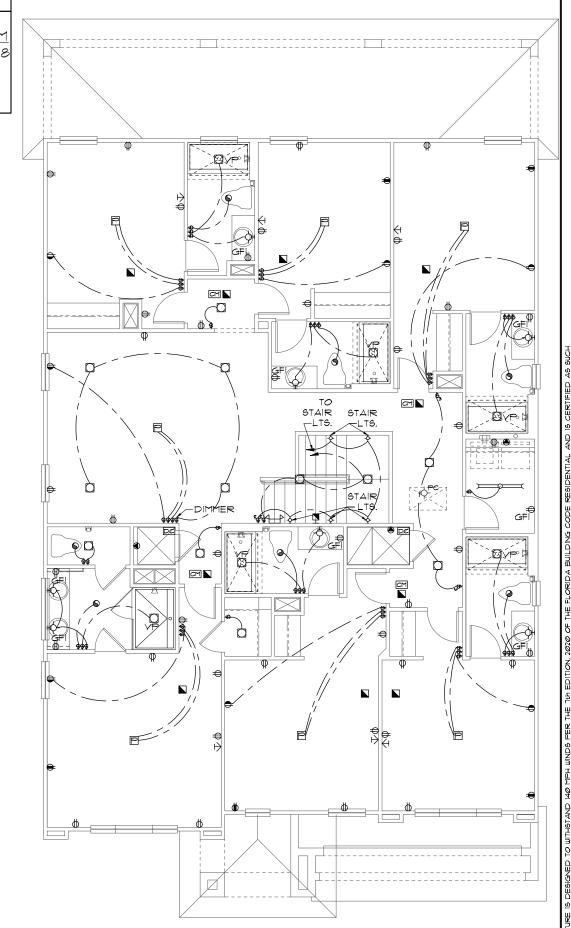
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FIRE ALARM CONTRACTOR:

CPSS - CRIME PREVENTION SECURITY SYSTEM 470| SW 34 STREET - GAINESVILLE - FL-32608| \_IC. #EF2*000*1021

PHONE: 352-376-1499

TOLL FREE : 800 - 949-1799



PARADISO GRANDE

SCALE AS NOTED

SHEET

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

MECHANICAL/GENERAL NOTES PER 1TH ED. 2020 FLA BLD. CODE-RESIDENTIAL COMPLETE DUCT DESIGN W/ SIZES & R-VALUE COMPLYING W/ THE FLORIDA ENERGY EFFICIENCY

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CODE FOR BUILDING CONSTRUCTION 610.1 ABC.1

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II.) ALL ELECTRICAL WORK TO BE DONE PER NFPATØ-NEC 2017

210-52

ACCORDANCE WITH NEC 250.53(AX2) 12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPATØ-NEC2ØIT - ARTICLE

12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN

#4/0 ALUM. S.E.R. 200AMP 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. -SECONDAR' \* 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(A)(1) TO (6), LOCAL CODES, AND THE LOCAL POWER COMPANY

25Ø.52(A)(3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

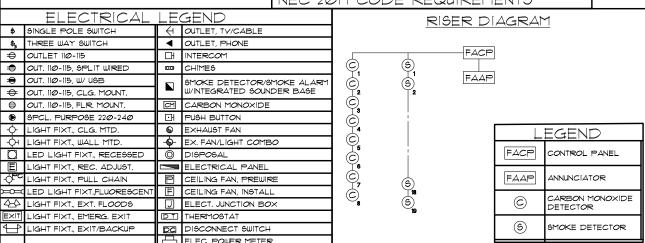
Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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 . 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 sustem if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a prounding 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: THE FIRE ALARM SYSTEM WILL CONSIST OF (1) FIRE ALARM CONTROL PANEL - 32 ZONE FL-FACP-LTEVS 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



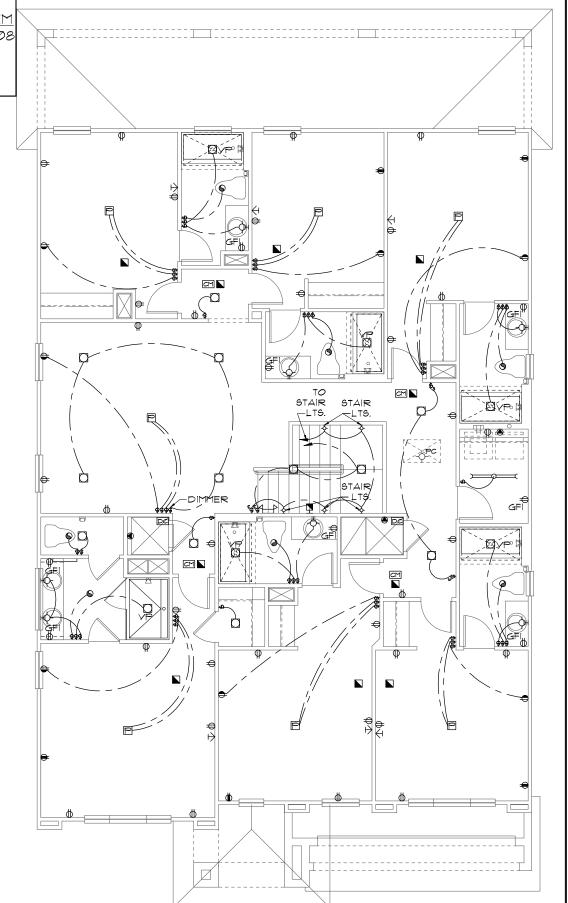
NOTE: SMOKE DETECTORS AND CARBON MONOXIDE DETECTORS WILL BE INSTALLED PER FBC RESIDENTIAL. THE SMOKE DETECTORS WILL BE INTERCONNECTED AND SOUND OFF UPON AN ALARM. THE CO DETECTORS WILL SOUND OFF WHEN IN ALARM.

FIRE ALARM CONTRACTOR:

CPSS - CRIME PREVENTION SECURITY SYSTEM 470| SW 34 STREET - GAINESVILLE - FL-32608| \_IC. #EF2*000*1*0*21

PHONE: 352-376-1499

TOLL FREE : 800 - 949-1799



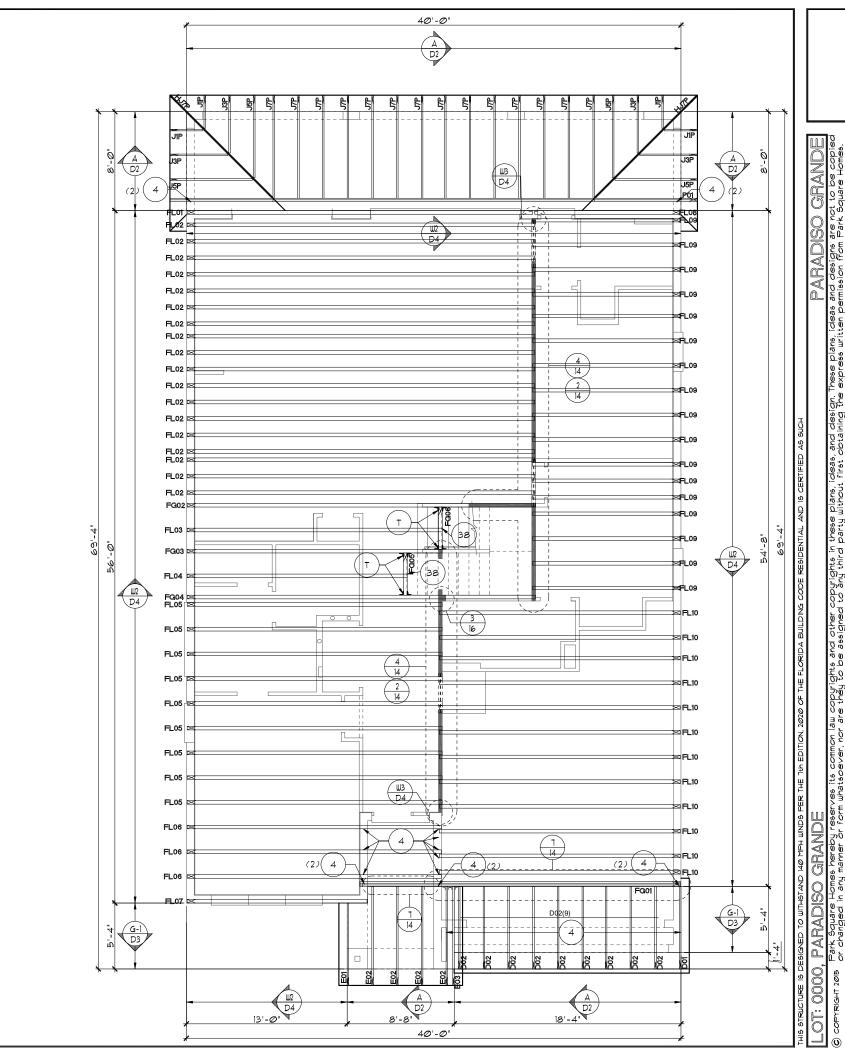
PARADISO GRANDE

SCALE AS NOTED

SHEE1

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

- 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 1
- 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.I.I. Underlayment shall be applied and attached in accordance with Table R905.1.1.
- 8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
- · O-HAGIN T" X 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

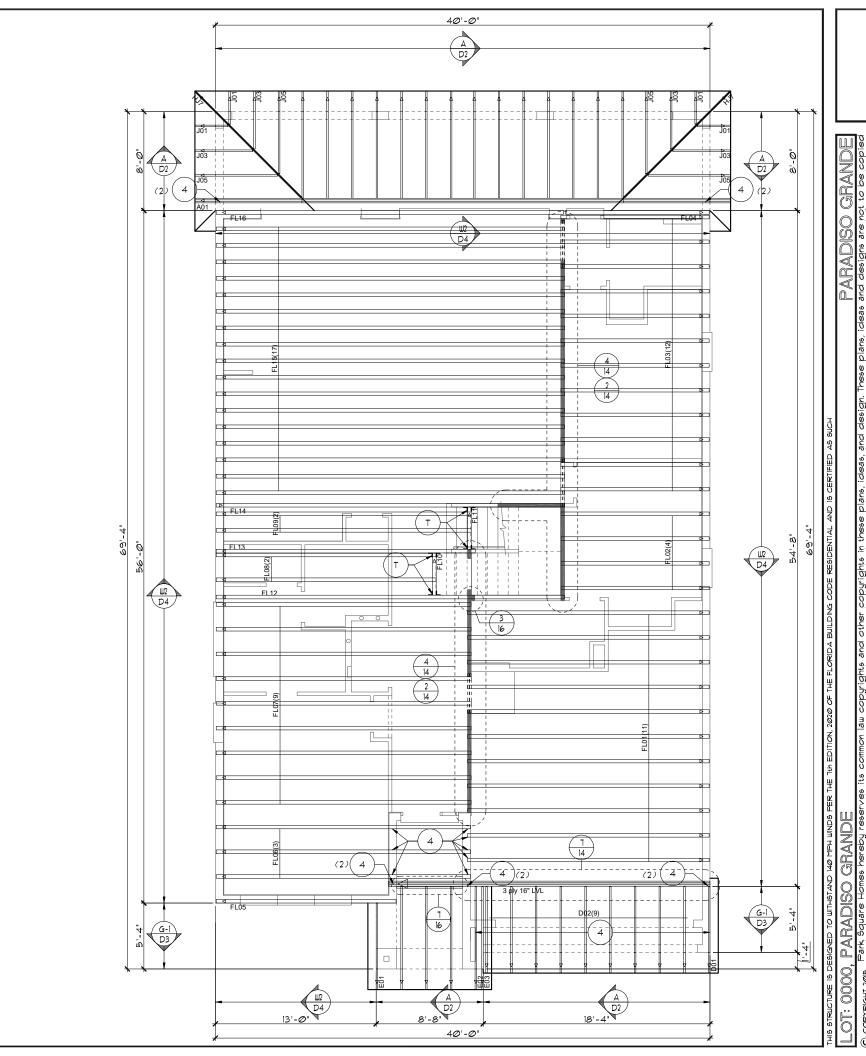
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PARADISO GRANDE

OASIS

DATE Ø4-Ø9-21 SCALE AS NOTED

SHEET



PARADISO GRANDE

OASIS

DATE Ø4-Ø9-21

SHEET

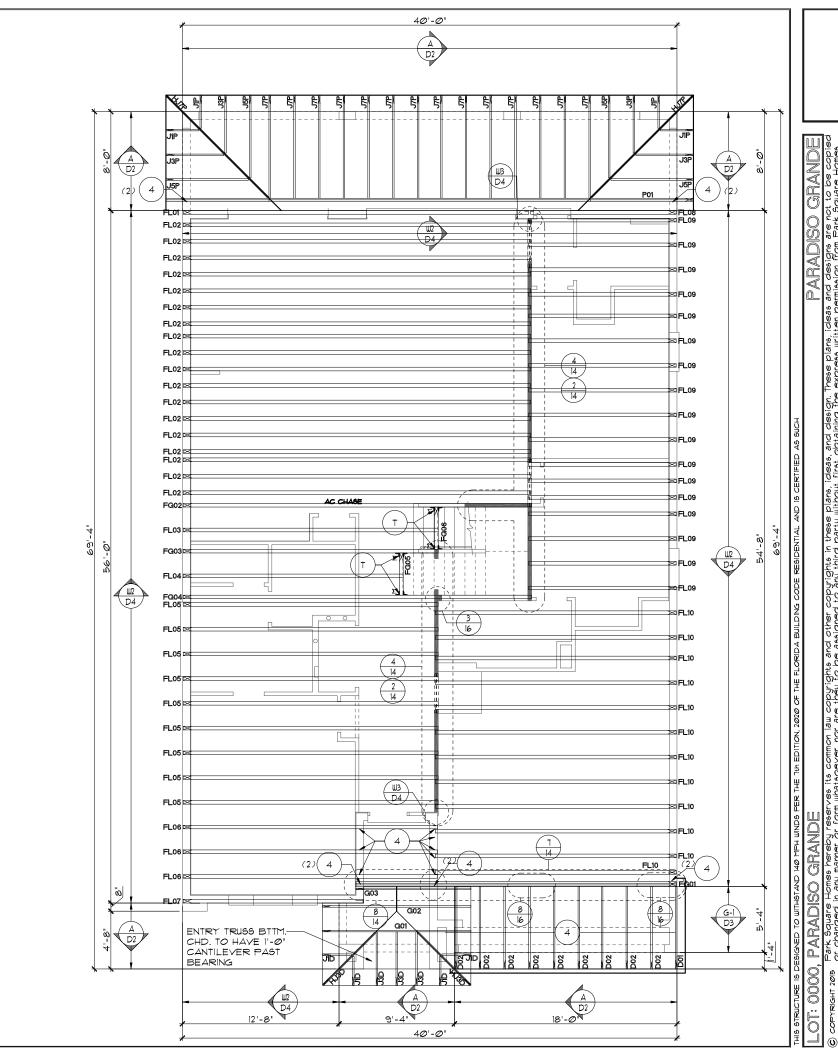
# NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE 8" UNLESS OTHERWISE NOTED.
- 2. TYPICAL ROOF EAVES OVERHANG TO BE 20"UNLESS OTHERWISE NOTED.
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- 8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
- LOMANCO: (2) 9 1/" DIA. CIRCLES

MILLENIUM METAL : 2 1/2" × 46" HOLE

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

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- 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-R9Ø5.3.5



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FUSS

PARADISO GRANDE

OASIS

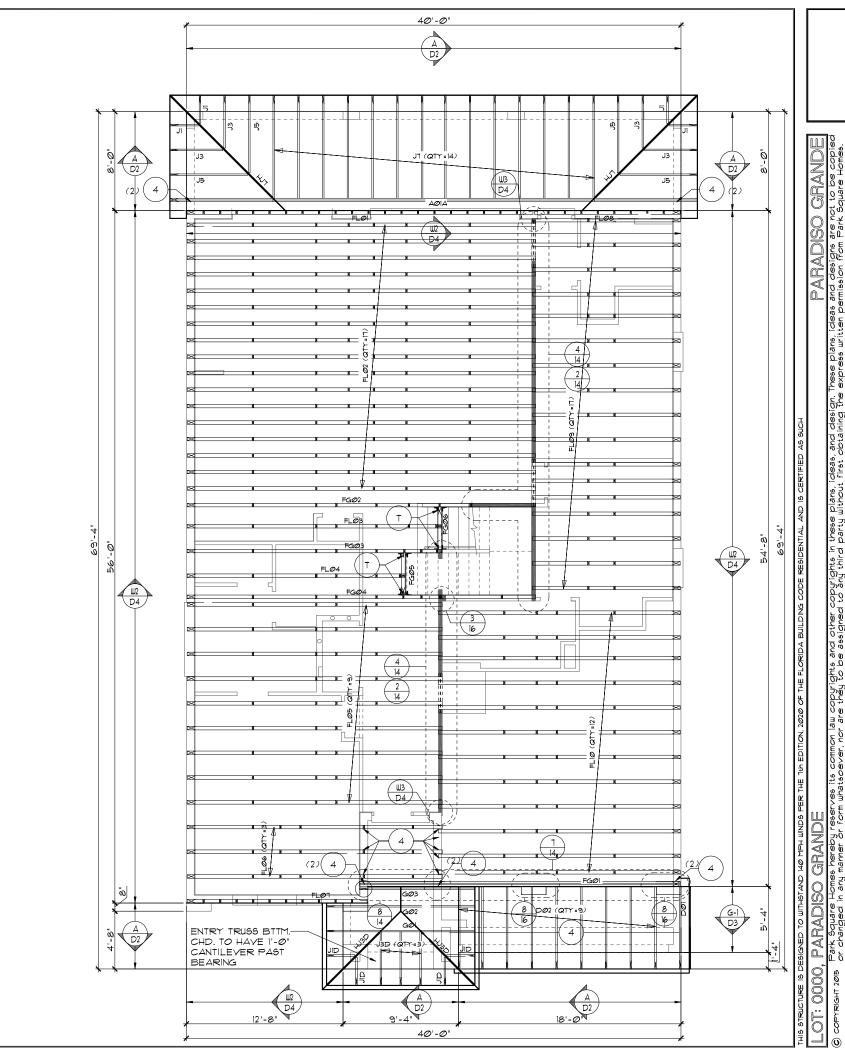
DATE Ø4-Ø9-21

SCALE AS NOTED

SHEET

4003

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- 6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- 7. TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, TTH EDITION R9053.3. 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.II.
- 8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
- O-HAGIN 7" X 19" HOLE
- 9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 1TH EDITION ASTM C1492-R905.3.5



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RUSS

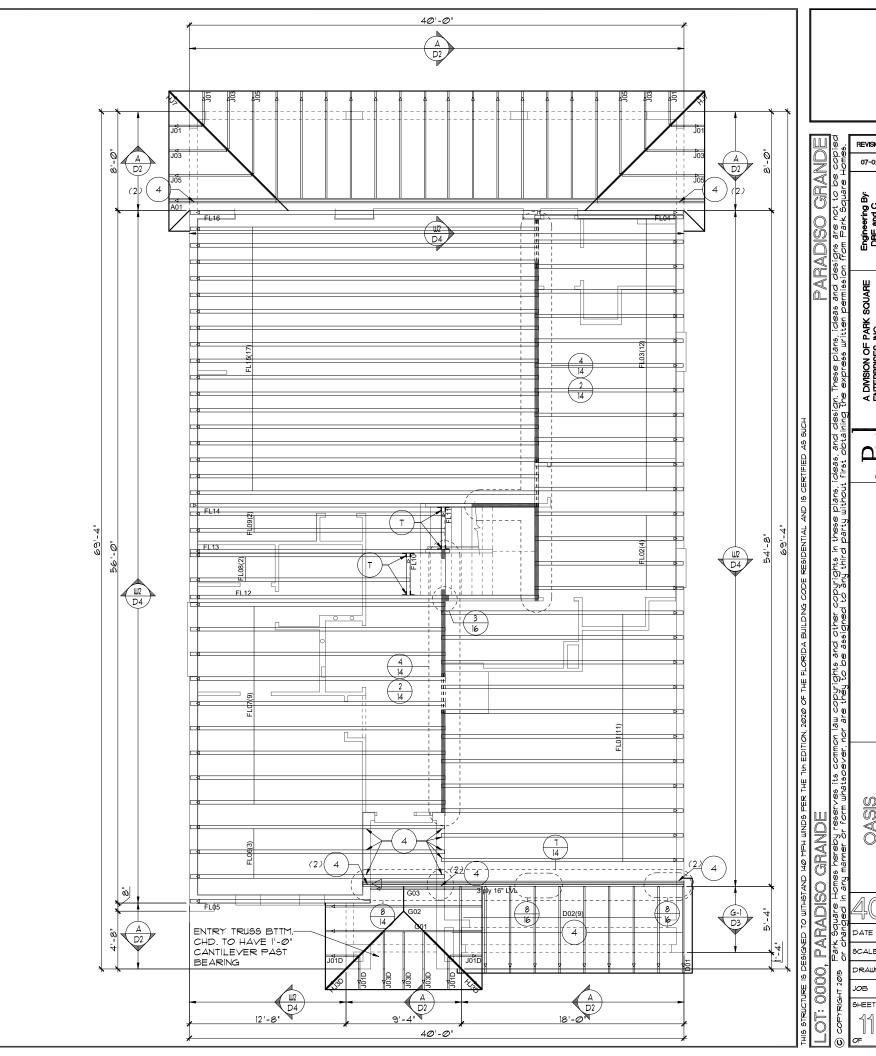
PARADISO GRANDE

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DATE 04-09-21 SCALE AS NOTED

SHEET

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- 9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 1TH EDITION ASTM C1492-R905.3.5



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RUSS

PARADISO GRANDE

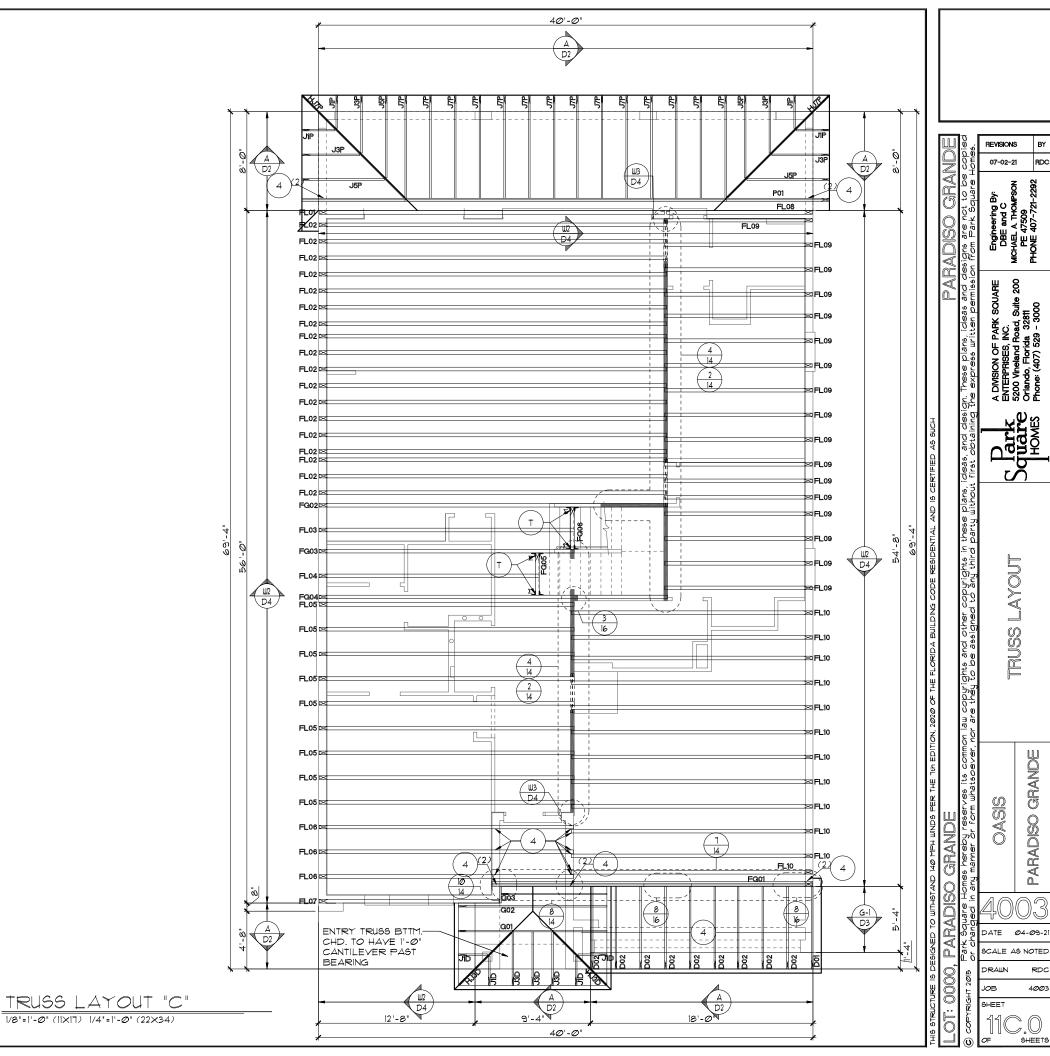
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SCALE AS NOTED

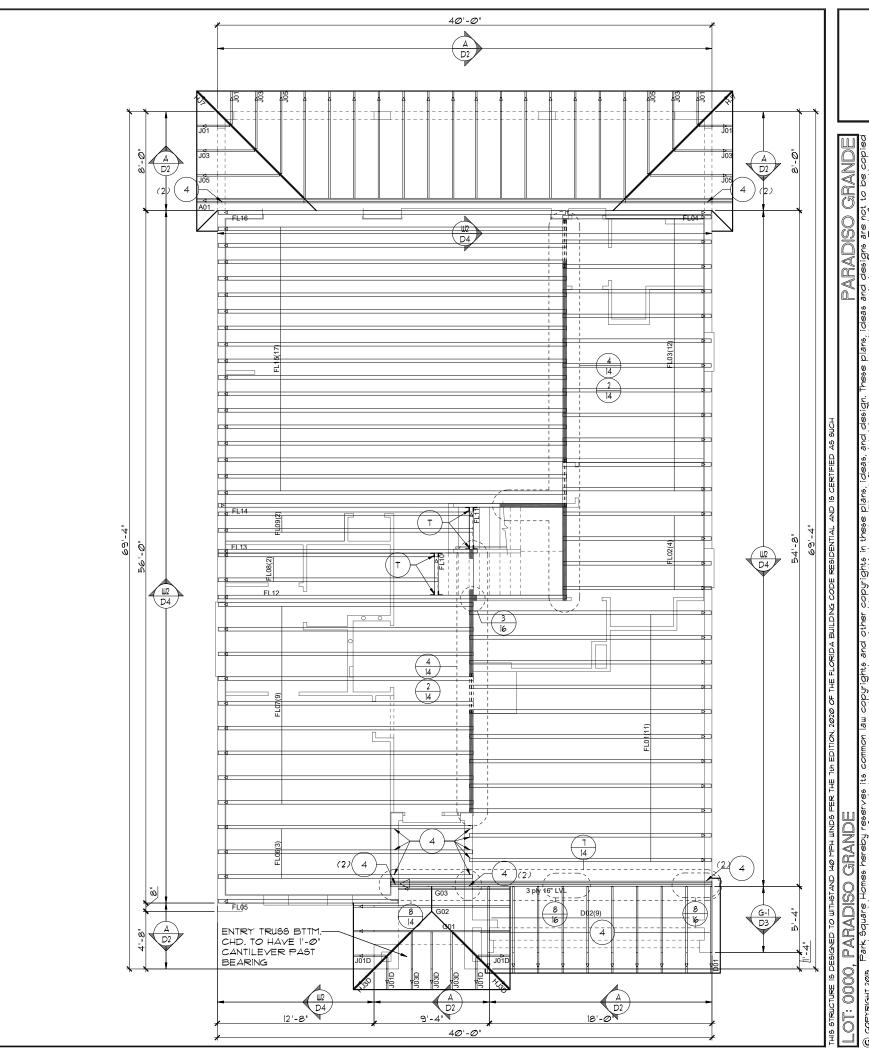
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PARADISO GRANDE

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PARADISO GRANDE

OASIS

DATE Ø4-Ø9-21

SHEET

### NOTES

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- LOMANCO: (2) 9 1/" DIA. CIRCLES
- MILLENIUM METAL : 2 1/2" × 46" HOLE

TRUSS LAYOUT "C"

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:  $\frac{2,2898F.}{300}$  =  $\frac{7.638F.}{REQUIRED}$ 

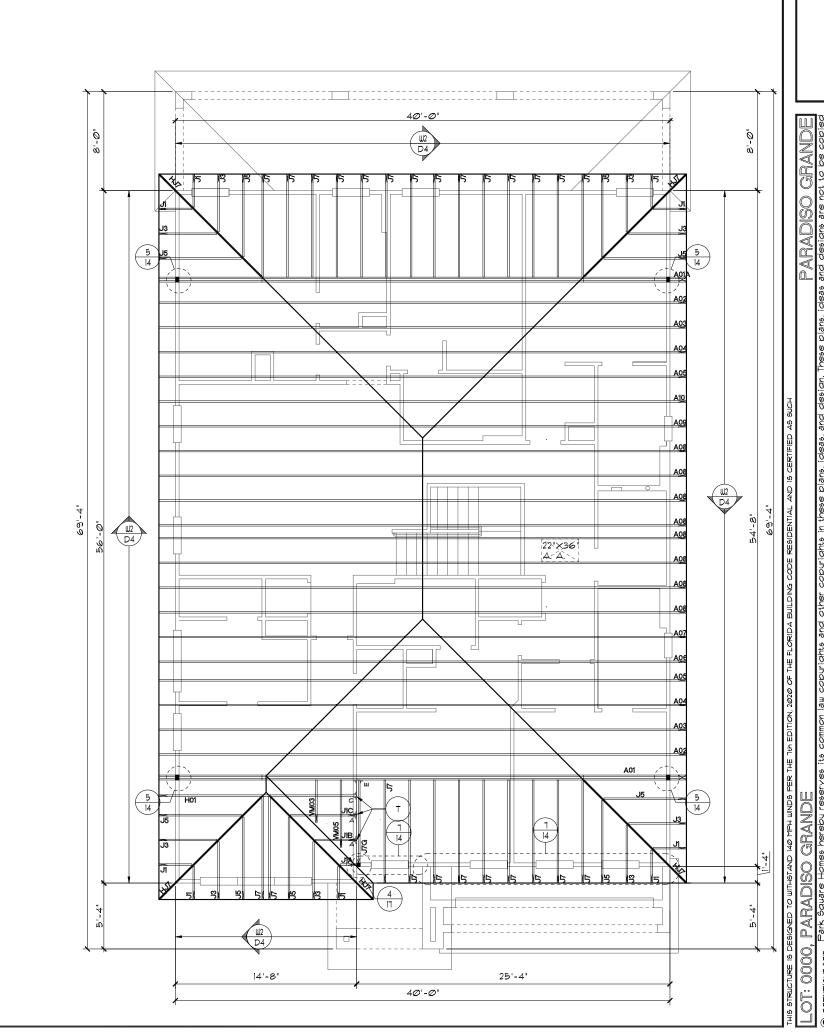
UPPER PORTION VENTILATION TOTAL: **N/I**PROVIDED WOFF RIDGE VENTS: **5** VENTS **9.978.F.** /VENT.
(TILE: O'HAGIN MODEL 'S', SHINGLE: LOMANCO 170-D OR
MILLENNIUM METAL)

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.
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- 9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 1TH EDITION ASTM C1492-R905.3.5



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PARADISO GRANDE

OASIS

DATE Ø4-Ø9-21 SCALE AS NOTED

JOB 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:

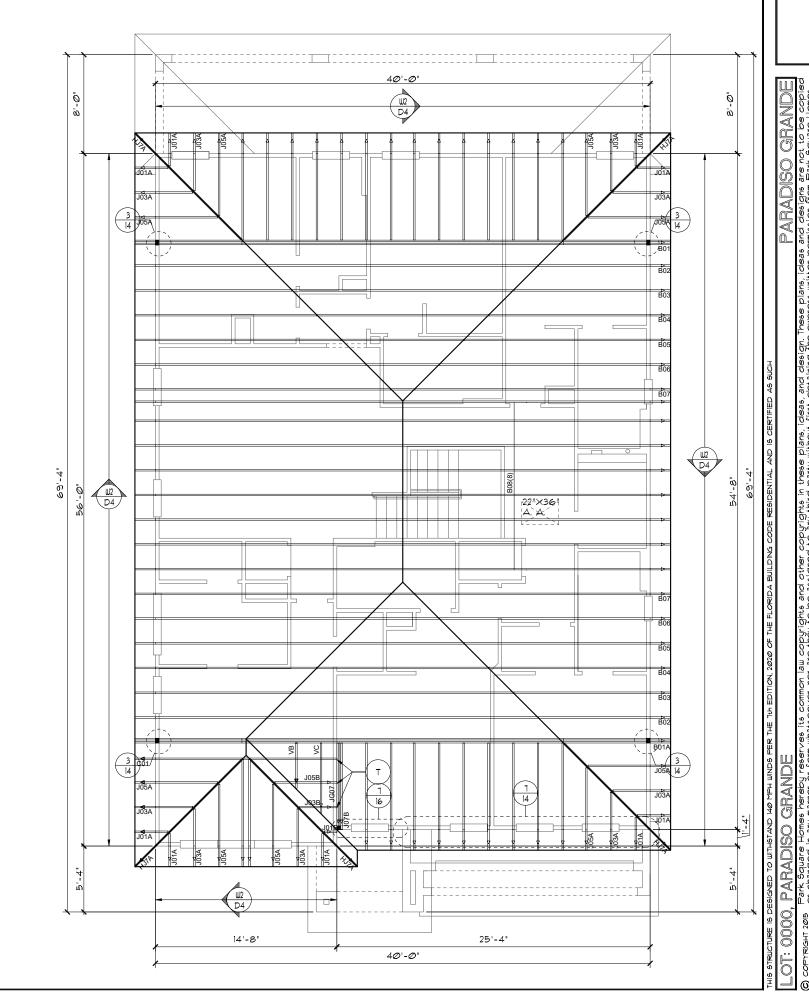
TOTAL VENTED SPACE: 2,289S.F. = 7.63S.F. NET FREE REQUIRED REQUIRED

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

LOWER PORTION VENTILATION TOTAL: N/I PROVIDED W/60FFITS @ EAVE: N/I = 0.0875F Venting/Lf.

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

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- 8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
- MILLENIUM METAL : 2 1/2" × 46"
- LOMANCO: (2) 9 1/ DIA. CIRCLES



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

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PARADISO GRANDE OASIS

DATE Ø4-Ø9-2 SCALE AS NOTED

DRAWN 4003

SHEETS

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

TOTAL VENTED SPACE:  $\frac{2,2898.F.}{300}$  =  $\frac{7.638.F.}{}$  NET FREE REQUIRED

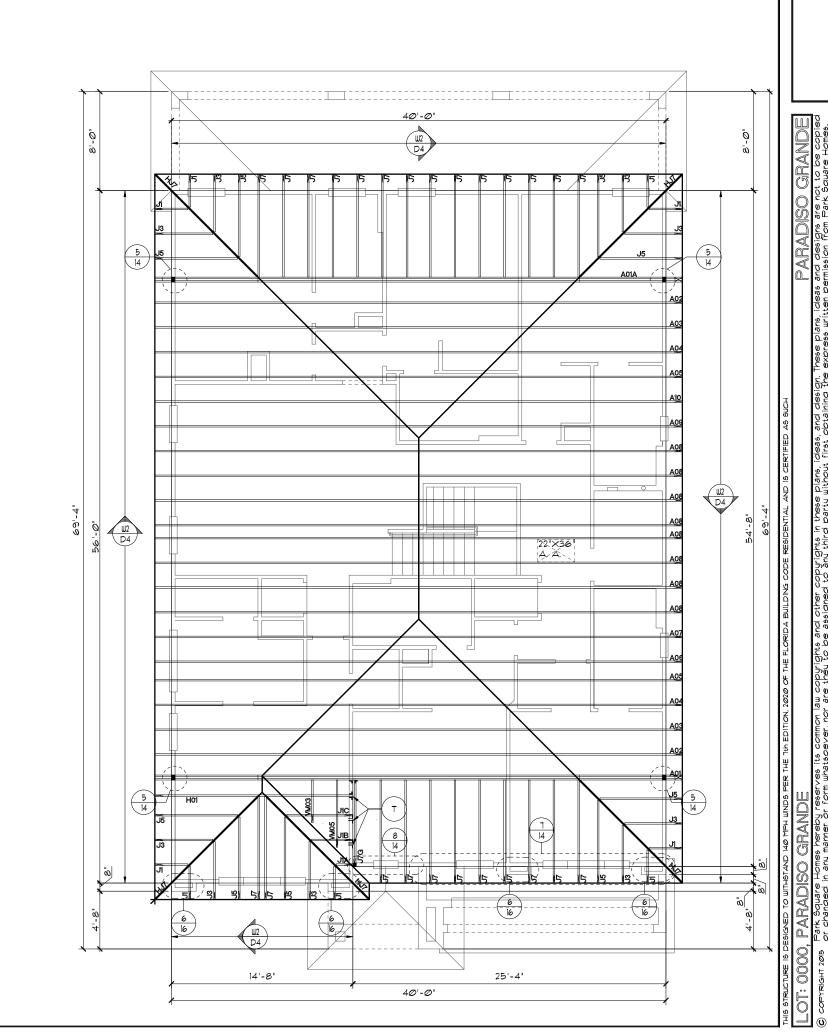
UPPER PORTION VENTILATION TOTAL: N/I PROVIDED W/OFF RIDGE VENTS: 5 VENTS @ .978.F. /VENT. (TILE: O'HAGIN MODEL "S", SHINGLE: LOMANCO 170-D OR MILLENNIUM METAL)

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

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

#### NOTES

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- 5. TRUGGEG 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 TRUGG DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUGGEG 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 D6151 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



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

PARADISO GRANDE

DATE Ø4-Ø9-21 SCALE AS NOTED

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: 2,289S.F. = 7.63S.F. NET FREE REQUIRED

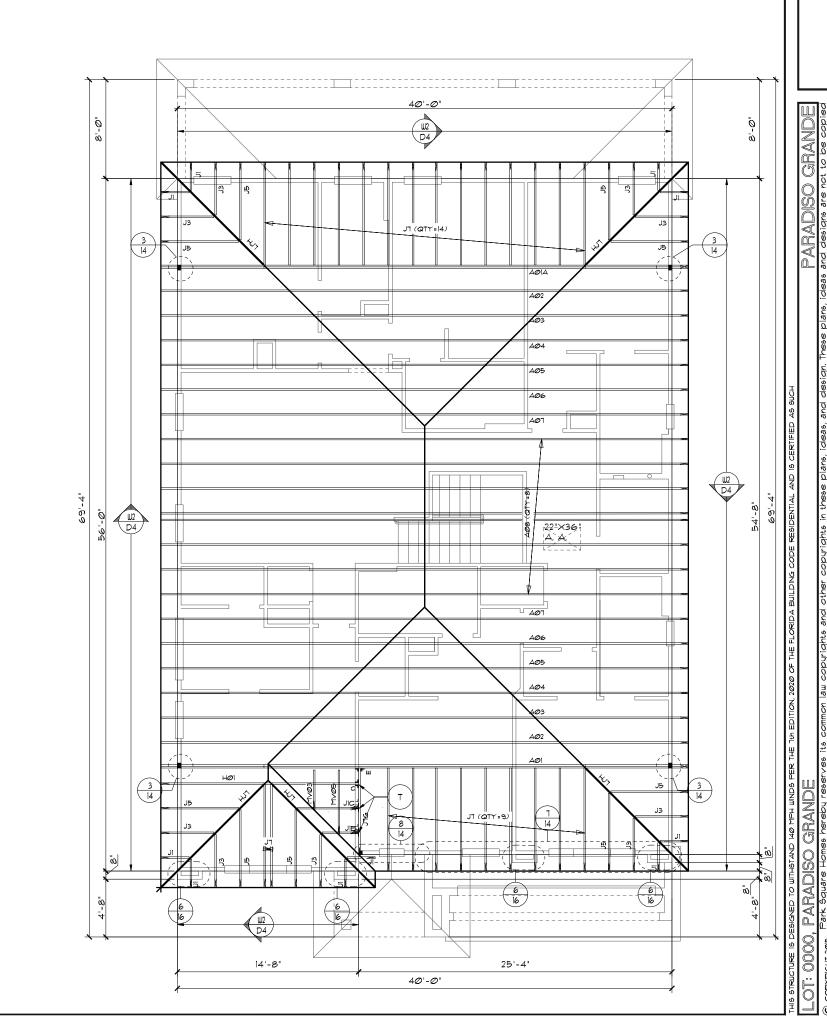
UPPER PORTION VENTILATION TOTAL: N/I
PROVIDED W/OFF RIDGE VENTS: 5 VENTS @ 978.F. /VENT. (TILE: O"HAGIN MODEL "S", SHINGLE: LOMANCO 770-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: N/I
PROVIDED W/50FFITS @ EAVE: N/I @ 0.0878F VENTING/LF.

UPPER PORTION PERCENTAGE: 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 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)

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PHONE 407-721-2292

PARADISO GRANDE OASIS

DATE Ø4-Ø9-21 SCALE AS NOTED

4003

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:  $\frac{\textbf{2.289S.F.}}{300}$  =  $\frac{\textbf{7.63S.F.}}{\textbf{REQUIRED}}$  NET FREE REQUIRED

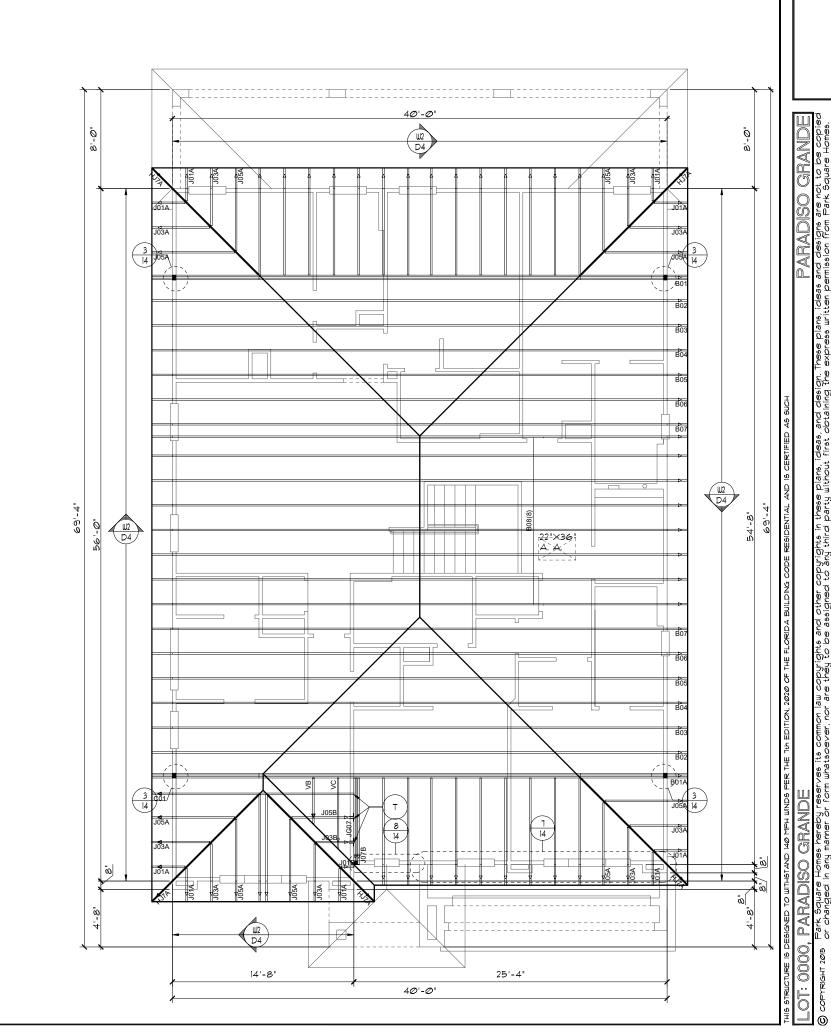
UPPER PORTION VENTILATION TOTAL: N/I PROVIDED W/OFF RIDGE VENTS: 5 VENTS @ .978.F. /VENT. (TILE: O"HAGIN MODEL "S", SHINGLE: LOMANCO 170-D OR MILLENNIUM METAL)

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.
- 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. TRUGGEG 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 TRUGG DEGIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUGGEG SHALL BE BRACED IN ACCORDANCE WITH TPI/WITCA BCGI 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. 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. Underlayment shall be applied and attached in accordance with Table R905.1.
- 8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
- O-HAGIN 7" X 19" HOLE
- 9. TILE ROOF TO BE INSTALLED IAW FBCR 2020, 1TH EDITION ASTM C1492-R905.3.5



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PHONE 407-721-2292

PARADISO GRANDE

OASIS

DATE Ø4-Ø9-21 SCALE AS NOTED

DRAWN

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: 2,289S.F. = 7.63S.F. NET FREE REQUIRED

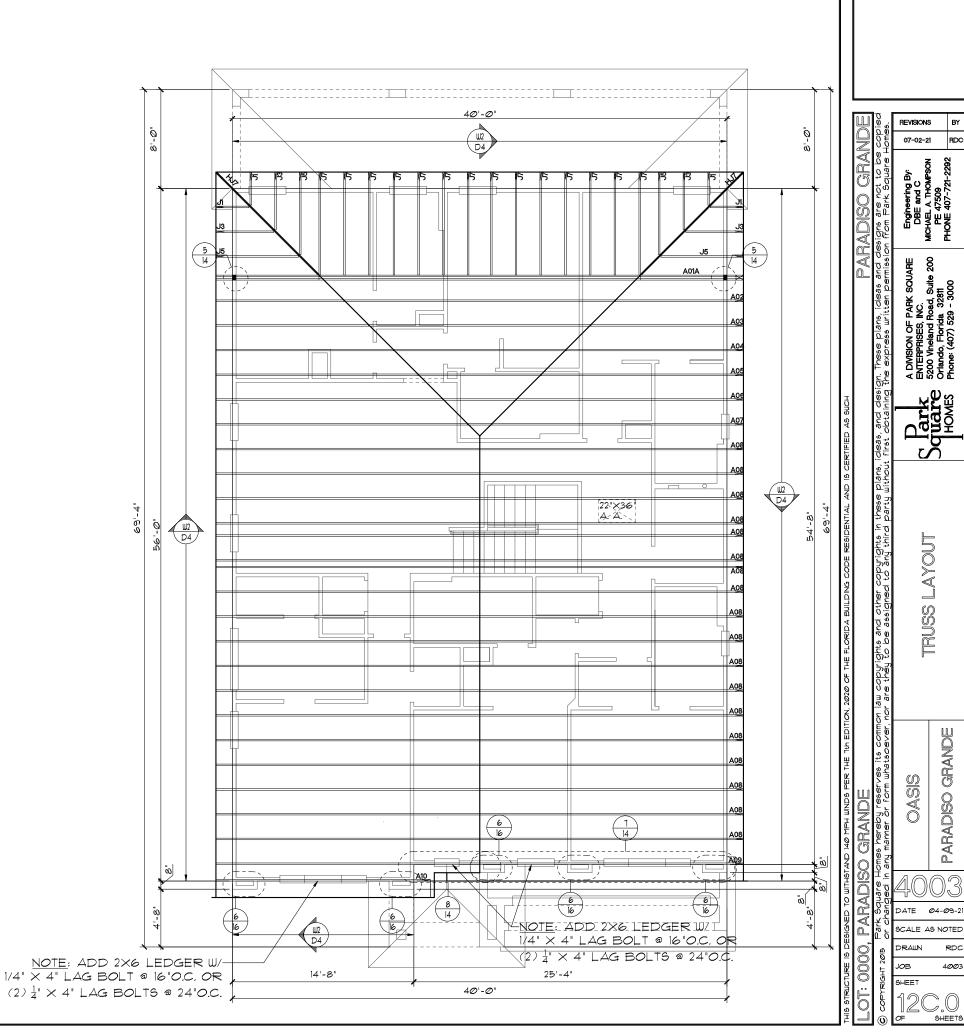
UPPER PORTION VENTILATION TOTAL: PROVIDED WOFF RIDGE VENTS: 5 VENTS @ .978.F. /VENT (TILE: O"HAGIN MODEL "S", SHINGLE: LOMANCO 170-D OR MILLENNIUM METAL)

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

UPPER PORTION PERCENTAGE: LOWER PORTION PERCENTAGE: N/I

#### 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.
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- . REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- . TILE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 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, 1TH EDITION ASTM C1492-R905.3.5



PARADISO GRANDE

4003

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:

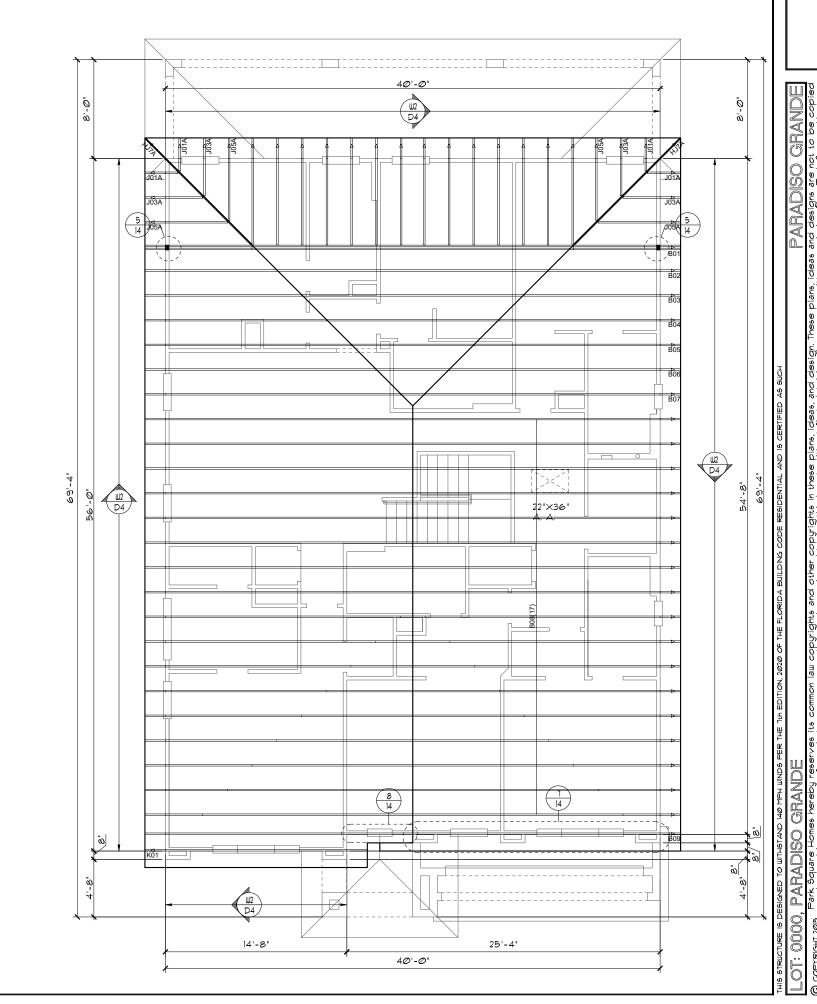
TOTAL VENTED SPACE: 2,289S.F. = 7.63S.F. NET FREE REQUIRED REQUIRED

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

LOWER PORTION VENTILATION TOTAL: N/I PROVIDED W/60FFITS @ 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 8" UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE 20"UNLESS OTHERWISE NOTED.
- PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 1TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
- ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- TRUSSES SHALL BE BRACED TO 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 & TRUSS TO TRUSS CONNECTIONS.
- SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 1TH EDITION R905.1.1. -Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
- 8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
- LOMANCO: (2) 9 1/ DIA. CIRCLES
- MILLENIUM METAL : 2 1/2" × 46"



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PARADISO GRANDE

OASIS

SCALE AS NOTED

RDC

4003

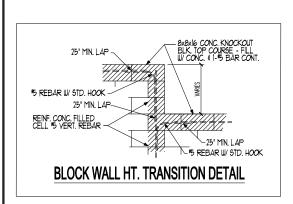
SHEETS

RAWN

JOB

SHEET

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



/		CRETE / L	
	LINTE	L SCHED	ULE
LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	17'-4"	8F3Ø-1B/IT	GARAGE DOOR
L 2	4'-6'	8F24-ØB/IT	SH25
L 3	4'-6'	8F24-ØB/IT	SH25
L 4	4'-4'	8RF2Ø-ØB/IT	POOL BA. DOOR
L 5	13'-4"	8F24-ØB/IT	12/0×8/0 S.G.D.
L 6	9'-4'	8F24-ØB/IT	8/0×8/0 5.G.D.
LΤ	8'-0"	8FI6-IB/IT	LANAI
L 8	11'-@'	8F16-1B/IT	LANAI
L 9	13'-4"	8FI6-IB/IT	LANAI
L 10	13'-4"	8F16-1B/IT	LANAI
L 11	8'-0"	8F16-1B/IT	LANAI
L 12	7'-6"	8F16-ØB/IT	6/0×1/0 F.G.
L 13	4'-6'	8F24-ØB/IT	5H25
L 14	10'-6"	8F24-ØB/IT	(3) 3/ <b>0</b> ×5/ <b>0</b> F.G.
L 15	5'-10"	8RF2Ø-ØB/IT	FRONT DOOR
L 16	6'-6'	8F8-ØB/IT	FRONT ENTRY
LΠ	5'-4"	8F8-ØB/IT	FRONT ENTRY
L 18	19'-4'	8F24-ØB/IT	GARAGE ENTRY
L 19			
L 2Ø			
L 21			
L 22			
L 23			
L 24			
L 25			
L 26			
L 27			·

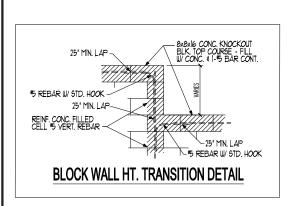
PRE CAST LINTEL LAYOUT "A"

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

L-9 L-10 L-5 \_\_\_\_\_ L-1

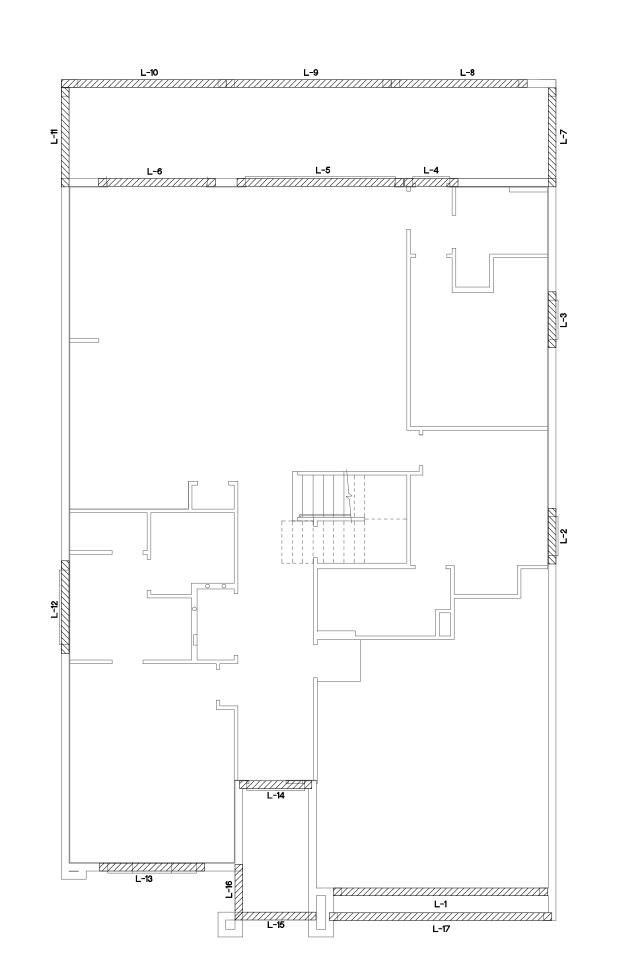
PRE CAST LINTEL

PARADISO GRANDE



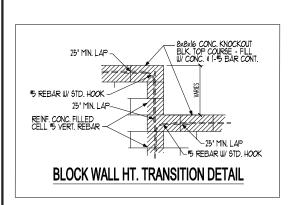
/		CRETE / L / FLORID	
	LINTE	EL SCHED	ULE
LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	17'-4"	8F3Ø-1B/IT	GARAGE DOOR
L 2	4'-6'	8F24-ØB/IT	9H25
L 3	4'-6'	8F24-ØB/IT	6H25
L 4	4'-4'	8RF2Ø-ØB/IT	POOL BA. DOOR
L 5	13'-4"	8F24-ØB/IT	12/ØX8/Ø S.G.D.
L 6	9'-4'	8F24-ØB/IT	8/0×8/0 5.G.D.
L T	8'-0"	8F16-1B/IT	LANAI
L 8	11'-@'	8F16-1B/IT	LANAI
L 9	13'-4"	8F16-1B/IT	LANAI
L 10	13'-4"	8F16-1B/IT	LANAI
L 11	8'-0"	8F16-1B/IT	LANAI
L 12	7'-6"	8F16-ØB/1T	6/0×1/0 F.G.
L 13	8'-8'	8F24-ØB/IT	6H25, (2) 2/ØX5/Ø F.G.
L 14	5'-10"	8RF2Ø-ØB/IT	FRONT DOOR
L 15	6'-6'	8F8-ØB/IT	FRONT ENTRY
L 16	4'-6'	8F8-ØB/IT	FRONT ENTRY
L 17	19'-4"	8F24-ØB/IT	GARAGE ENTRY
L 18			
L 19			
L 2Ø			
L 21			
∟ 22			
L 23			
L 24			
L 25			
L 26			
L 27			

PRE CAST LINTEL LAYOUT "B" 1/8"=1'-Ø" (11×17) 1/4"=1'-Ø" (22×34)



PRE CAST LINTEL

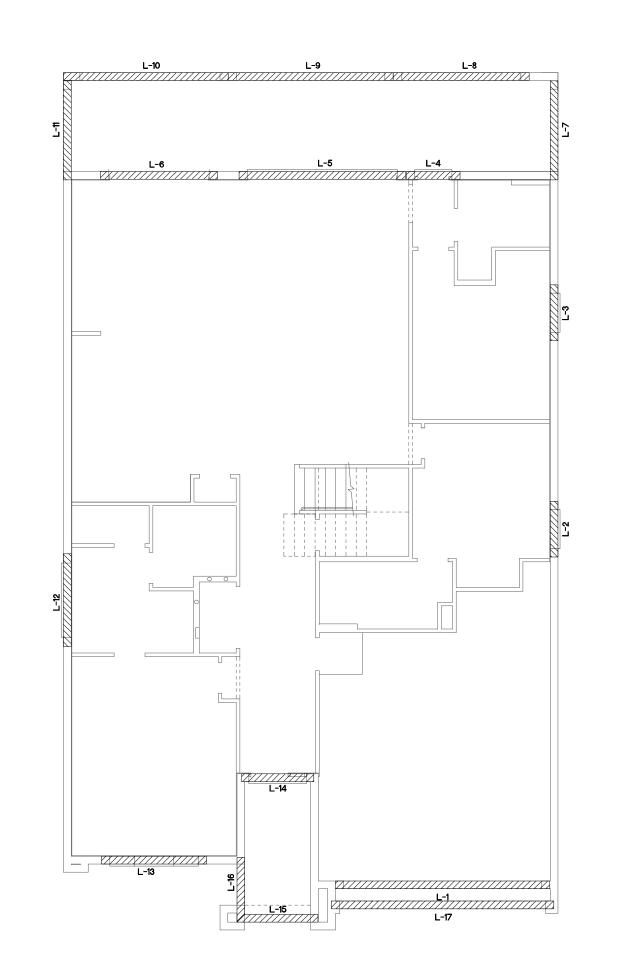
PARADISO GRANDE



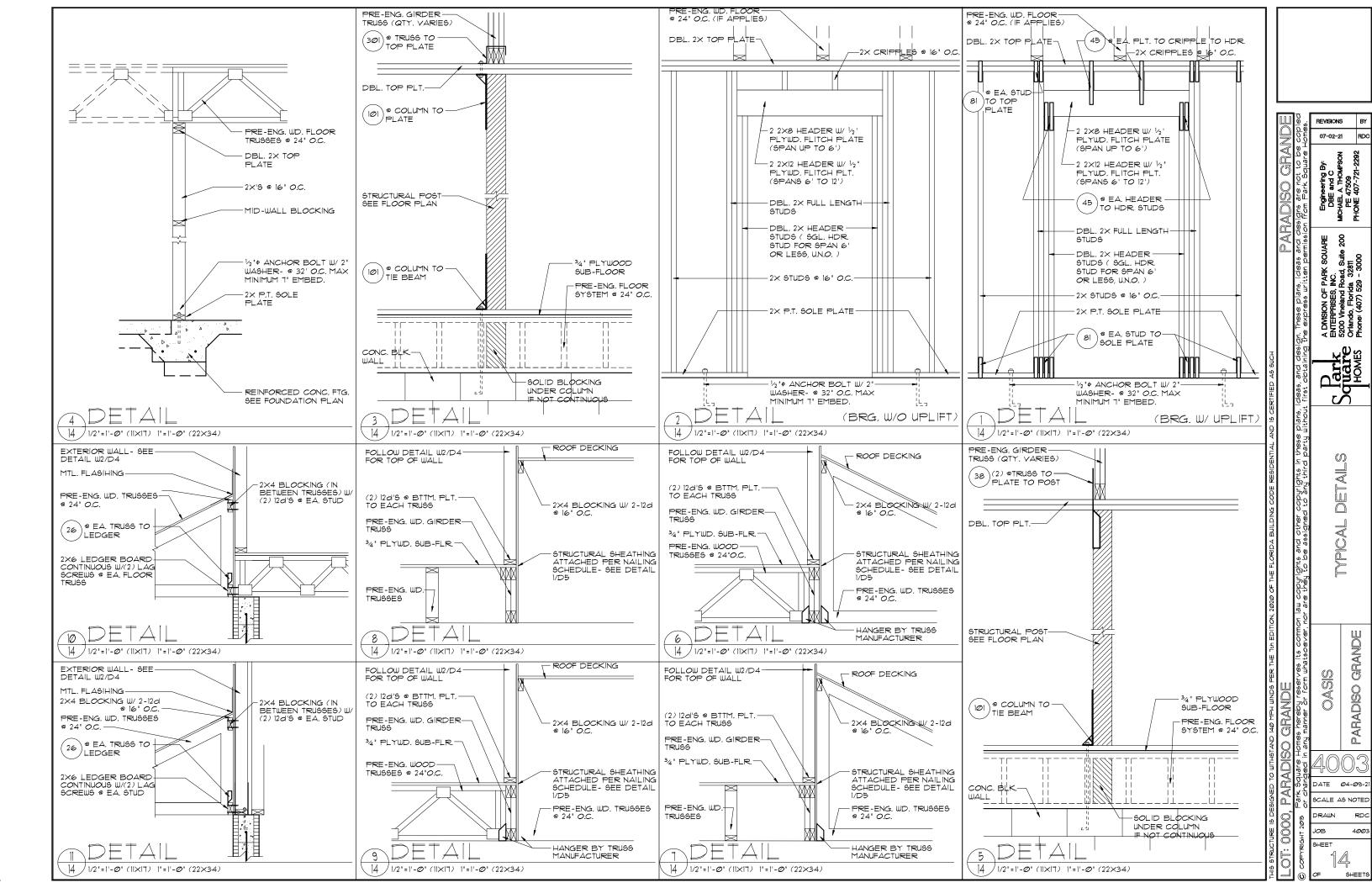
,		CRETE / L / FLORID	
	LINTE	EL SCHED	ULE
LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	17'-4"	8F3Ø-1B/IT	GARAGE DOOR
L 2	4'-6'	8F24-ØB/IT	5H25
L 3	4'-6'	8F24-ØB/IT	5H25
L 4	4'-4'	8RF2Ø-ØB/IT	POOL BA. DOOR
L 5	13'-4"	8F24-ØB/IT	12/ØX8/Ø S.G.D.
L 6	9'-4'	8F24-ØB/IT	8/0×8/0 5.G.D.
L٦	8'-0"	8F16-1B/IT	LANAI
L8	11'-@'	8F16-1B/IT	LANAI
L 9	13'-4"	8F16-1B/IT	LANAI
L 10	13'-4"	8F16-1B/IT	LANAI
L 11	8'-0"	8F16-1B/IT	LANAI
L 12	7'-6"	8F16-ØB/1T	6/0×1/0 F.G.
L 13	8'-8'	8F24-ØB/IT	5H25, (2) 2/ØX5/Ø F.G.
L 14	5'-10"	8RF2Ø-ØB/IT	FRONT DOOR
L 15	6'-6"	8F8-ØB/IT	FRONT ENTRY
L 16	4'-6"	8F8-ØB/IT	FRONT ENTRY
LΠ	19'-4"	8F24-ØB/IT	GARAGE ENTRY
L 18			
L 19			
L 2Ø			
L 21			
L 22			
L 23			
L 24			
L 25			
L 26			
L 27			

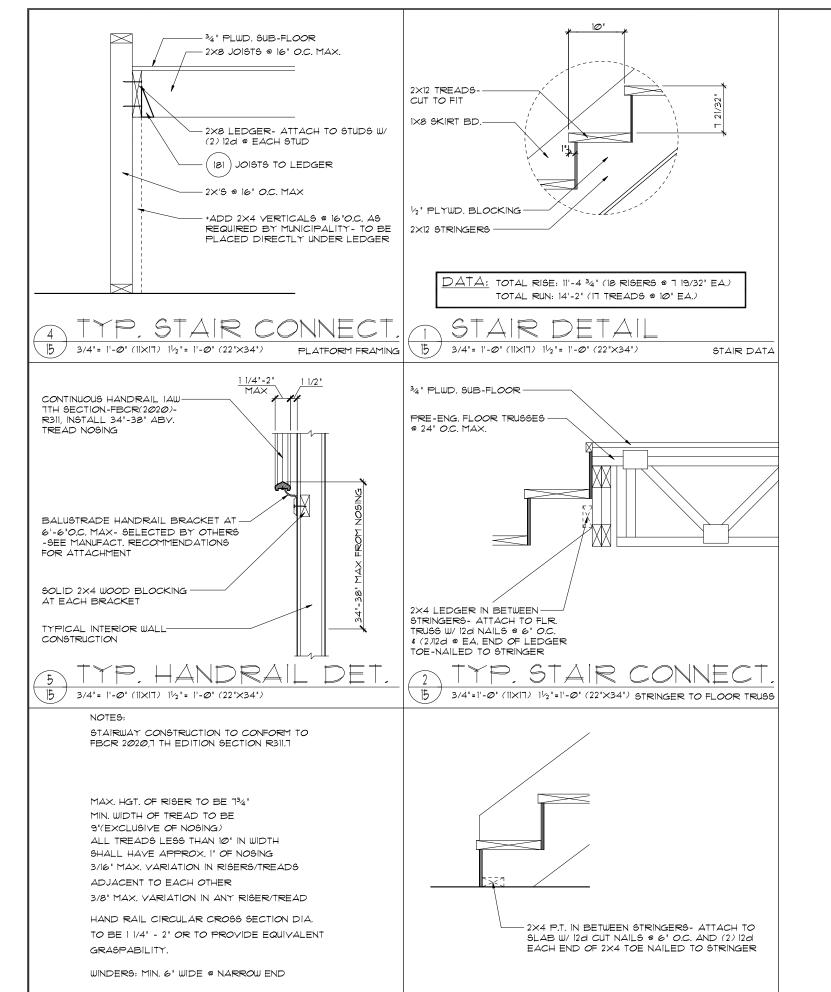
PRE CAST LINTEL LAYOUT "C"

1/8"=1"-@" (1|X|T) 1/4"=1"-@" (22X34)



PRE CAST LINTEL PARADISO GRANDE





P. STAIR CONNECT

STRINGER TO FLOOR

3/4"= |'-0" (||×|7) |½"= |'-0" (22"×34")

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

HEADROOM CLEARANCE MIN. 6'-8"

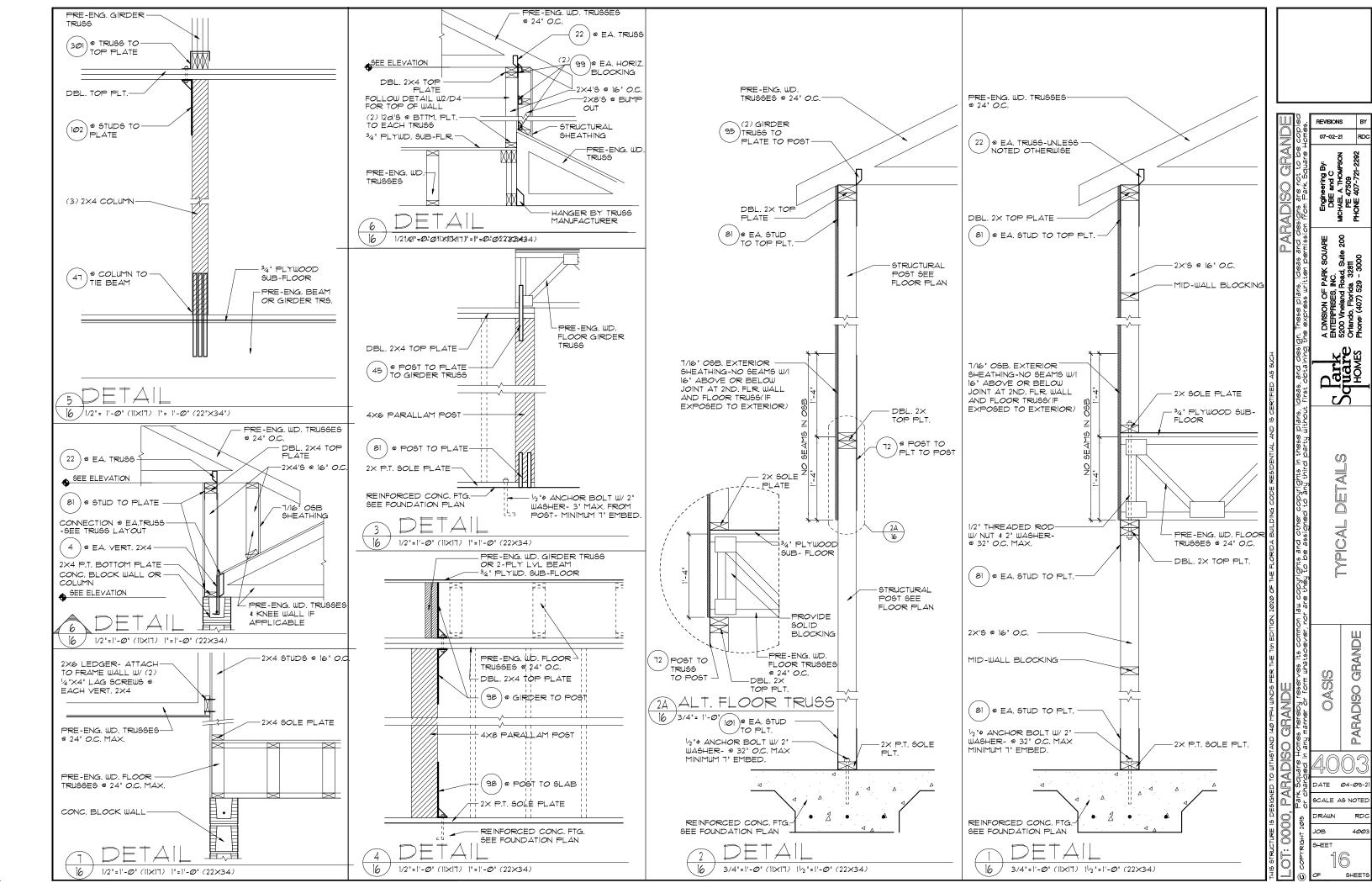
CONNEC	TOR SCHEE	DULE				
CONNECT.	SIMPSON	FASTENERS	USP	MAX. UPLIFT	LAT. LDS. Fl / F2	
	DESCRIPTION	PER CONNECTOR	DESCRIPTION	FASTENERS PER CONNECTOR	Q, L., 1	11712
4	HETA2Ø	14-10d x 11/2"	ETA2Ø	14-10d	1,810	65 / 960
5	DETAL2Ø	18-10d x 1½"	N/A	N/A	2,480	2000/1370
20	H3	RFT: 4-8d / PLT: 4-8d	RT3	RFT: 4-8d / PLT: 4-8d	455	125 / 160
21	H1	RFT:6-8dx1½"/PLT:4-8d	RT15	RFT:5-8d $\times$ 1 $\frac{1}{2}$ "/PLT:5-8d	475	485 / 165
22	H10A	RFT: (9)10d x 1 1/2" PLT: (9)10d x 1 1/2"	RT16	RFT: 8-8d x 1½" PLT: 8-8d	990	585/525
23	LUS26	HDR: 4-10d/JST: 4-10d	JUS26	HDR: 4-10d/JST: 4-10d	935	N/A
24	HTZ	RFT / TRS: (4)8d PLT / STD: (2)8dX   1/2" (8)8D	RT2Ø	RFT / TRS: 9-10d PLT / STD: 13-10d	985	400 / N/A
26	H2.5A	RFT:5-8d / PLT: 5-8d	RTT	RFT:5-8d / PLT: 5-8d	415	150 / 150
34	A34	H:4-8dx11/2"/P:4-8dx11/2"	MP34	H:4-8dx11/2"/P:4-8dx11/2"	365	280 / 303
35	A35F	H:4-8dx11/2"/P:4-8dx11/2"	MPAIF	H:6-8dx11/2"/P:6-8dx11/2"	440	440 / N/A
		14-10d		14-10d		
37	MTS12		MTW12		1,000	N/A
38	MT516	14-10d	MTW16	14-10d	1,000	N/A
43	LSTA12	10-10d	LSTA12	10-10d	905	N/A
45	STIS	14-16d	STIB	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	5P1	STD:6-10d / PLT:4-10d	SPT22	STD:4-10d / PLT:4-10d	535	560 / 260
80	5P2	STD:6-10d / PLT:6-10d	SPT224	STD:6-10d / PLT:6-10d	605	560 / 260
<i>8</i> 1	5PH4.6.8	12-10d x 11/2"	TP4,6,48	12-10d x 11/2"	885	N/A
		•		•		
90	ABU66	12-16d	PAU66	12-16d	2,240	N/A
89	CB66	(2) % BOLTS	PASXS	4-10d	2,300	985
92	ABU44	12-16d	PAU44	12-16d	2,200	N/A
93	AC6 (MAX)	28-16d	PB566	24-16d	1,815	1,070
94	AC4 (MAX)	28-16d	PB544	24-16d	1,815	1,070
95	HTS2Ø	20-10d	HTW2Ø	20-10d	1,450	N/A
96	HD8A	5 LL: 1/2" BOLT 5TUD:(3) 1/2"×51/2" BOLTS	HHD8A	5 LL: ½" BOLT 5TUD:(3) ½"×5½" BOLTS	DIE,T	N/A
99	A35	H:4-8dx11/2"/P:4-8dx11/2"	MPAI	H:6-8dx11/2"/P:6-8dx11/2"	440	440 / N/A
98-101	HTT4	5/8" BOLT/ 18-16d×21/2"	N/A	N/A	3,640	N/A
37-100-102	HTT5	%" BOLT/ 26-10d	N/A	N/A	4,275	N/A
103	VGTR/L	32-SDS¼"×3"/(2) %" BLT		N/A	3,990	N/A
104		7/8" BLT/2Ø-SDS 1/4"x21/2"	N/A	N/A	5,020	N/A
110	HCP2	12-100d x 1½"	HHCP2	20-10d x 1½"	520	260 / N/A
167	HHUS46	H:14-16d/J:6-16d	THD46	H:8-18d/J:12-10d	1,550	N/A
168	U46	H:8-10d/J:4-10d	SUH46	H:8-16d/J:4-16d	TIØ	N/A
181	HUS26	20-16d	THD26	H:20-16d/J:10-10d	1,550	N/A
184	HHUS28-2	G:28-16d / T:8-16d	EHUH28-2	12-160	2,000	N/A
		HD:16-3/16"X1½" TAPCON		12-165 HD:18-3/16"X1½" TAPCON	-,	1973
214	HUC212-3TF	BM: 6-16d	HDO212-3	BM: 6-10d	1,135	N/A
215	HGUS21Ø-2	HDR:46-16d/JST:10-16d	EHUH21Ø-2	HDR:40-16d/JST:16-10d	2,72Ø	N/A
216	HUS412	BLOCK: 10-1/4"X11/2" TC JOIST : 10-16d	HU\$412	BLOCK: 10-1/4"X11/2" TC JOIST : 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-14"X11/2" TC JOIST : 10-16d	HUS212-2	BLOCK: 10-14"X11/2" TC JOIST : 10-16d	2,630	N/A
219	MBHA412	H:1-ATR34X8 TOP&FACE JOIST: 18-10d	NFM35×12U	H:1-1/2" J-BOLT J:5-1/2" BOLTS	3,145	N/A
22Ø	N/A	N/A	NFM 3×12	BLK:1/2 " + J /JST:14-10d	1,620	N/A
		HDR: (2) 3/4 " \phi \times 8"		HDR: MIN. 1/2 " + "J" BOLT		
226	MBHA4.75/12	JOIST : 18-10d HDR : (2) <sup>3</sup> 4" \( \times \( 8 \)"	NFM45U	JOIST : (5) 1/2 " + BOLTS HDR :MIN. 1/2 " + xJ-BOLTS	2,160	N/A
231	MBHA3.56/16	JOIST : 18-10d	NFM3.5×16U	JOIST : (5) 1/2 " + BOLTS	3,450	N/A
	MBHA5.50/16	HDR:(2) <sup>3</sup> 4"+ x 8" JOIST:18-10d	NFM5.5×16U	HDR :MIN. $\frac{1}{2}$ * $\phi$ xJ-BOLTS JOIST : (5) $\frac{1}{2}$ * $\phi$ BOLTS	3,450	N/A
232	H15	R:4-100x11/2"/P:4-100x11/2"	N/A	N/A	1,300	480 / N/A
232			LUGT2	32-1Ød	2000	1015 / 440
240		30-16d-ainker				
24Ø 241	LGT2	30-16d-sinker	NI/A	NI/A	2945	N/A
24Ø 241 3Ø1	LGT2 MGT	(1) <sup>3</sup> 4 "BLTS./GIR: 22-10d	N/A	N/A	3,965	N/A
24Ø 241 3Ø1 3Ø2	LGT2 MGT HGT-2 or 3	(1) <sup>3</sup> 4 <sup>*</sup> BLTS./GIR: 22-10d LTL: <sup>3</sup> 4 <sup>*</sup> BLTS./GIR: 8-10d	USC63	LTL:3/4 "BLT6./GIR: 8-16d	6485	N/A
240 241 301	LGT2 MGT	(1) <sup>3</sup> 4 "BLTS./GIR: 22-10d	USC63		-	

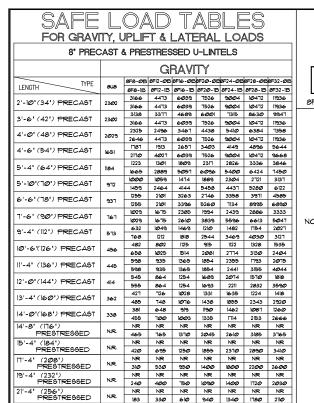
SCHEDULE TYPICAL DE 

PARADISO GRANDE

DATE **Ø4-Ø9-**21 SCALE AS NOTED

SHEET





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

1'-4" (256") PRESTRESSED

22'-0" (264') PRESTRESSED 24'-0' (288') PRESTRESSED NR.

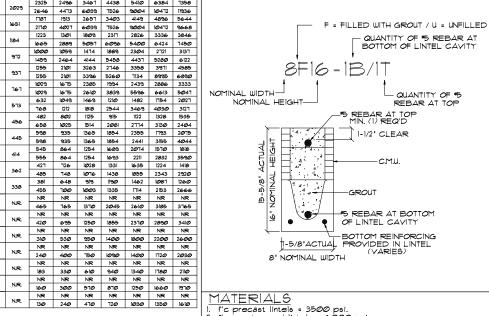
-		_ TYPE		0446-60	OKT-M-PD	OK-H-ND	OKLP-RD	OK122-DD	044.70-00	א-שכ-סוס
ı	LENGTH		8RU6	8RF6-1B	8RFIØ-IB	8RF14-1B	8RF18-1B	8FF22-1B	8RF26-IB	8RF3Ø-1
ı	4'-4' (52') †	DDEC 46T	1489	1591	3Ø53	2982	3954	4929	59Ø4	6880
ı	4-4 (52 / 1	PRECASI	1489	1827	3412	4982	6472	1941	9416	10878
ı	4'-6" (54") i	DDEC AGT	105-	1449	2782	2714	3600	4487	5375	6264
ı	7-6 (547)	RECASI	1357	17Ø2	3412	4982	6472	1941	9416	10878
ı	5'-8' (68')†	ODEC 46T	705	832	1602	1550	2Ø58	2566	3Ø75	3585
ĺ	2-0 (68)	PRECASI	185	1153	2162	4074	6472	6516	5814	6839
ı	5'-10'(70') f	DDEC 46T	T35	err	1500	1449	1924	2400	2876	3352
ı	9-10 (10)	PRECASI		11Ø3	2Ø51	3811	6472	6516	5450	6411
ı	6'-8" (80")	DDEC AGT		907	1677	2933	2576	3223	3872	4522
ı	10-0 (00 /1	- KECASI	822	907	1677	2933	4100	6130	8177	6707
ı	7'-6' (90')	DDEC 46T		761	דדנו	2252	1958	2451	2944	3439
ı	1-6 (36)	FRECASI	665	764	דדנו	2329	3609	5492	6624	5132
ı	9'-8" (116") i	DDEC AST	371	420	834	1253	ודשו	1342	1614	1886
ı	3-0 (110/1	-6 (IIB / FRECASI	اا د	525	926	1/97	2179	2618	2505	2875

#### 8" PRECAST & PRESTRESSED U-LINTELS

UPLIFT									RAL
		<b>◎</b> 1 ⊆11 1							
LENGTH TYPE	8F8-1T	8F12-1T	8F16-1T		8F24-IT 8F24-2T		8F32-IT 8F32-2T	808	8F8
	2727	2878	4101	5332	6569	7811			
2'-10'(34') PRECAST	2727	2784	3981	5190	6401	1630	9Ø55 8851	2021	2021
	2165	2289	3260	4237	5219	6204	7192		
3'-6' (42') PRECAST	2165	2215	3165	4125	5091	606	7036	1257	1257
	1878	1989	2832	3680	4532	5381	6245		
4'-0" (48") PRECAST	1878	1925	2750	3583	4422	5264	6110	938	938
	1660	1762	2507	3257	4010	4767	5525		-
4'-6" (54") PRECAST	1660	1705	2435	3171	3913	4658	5406	727	727
	1393*	1484	2110	2741	3375	4010	4648		
5'-4" (64") PRECAST	1393	1437	2050	2670	3293	3920	4549	5Ø5	505
	1272*	1357	1930	25/05	3084	3665	4247		-
5'-10'(10") PRECAST	1212	1315	1875	2441	3010	3583	4151	418	418
	1141*	1200	1733	2250	2769	3290	3812		
6'-6"(78") PRECAST	1141	1182	1684	2192	27@3	3216	3732	101	881
	959+	912	1475	1914	2354	2797	3240		
1'-6" (90") PRECAST	990	1029	1466	19/27	2351	2797	3245	591	651
	801	612	980	1269	1560	1852	2144		_
9'-4" (112") PRECAST	801	755	1192	1550	1910	2271	2634	454	630
	716*	498	793	1027	1261	1496	1731		-
10'-6"(126") PRECAST	716	611	1039	1389	1711	2034	2358	396	493
	666	439	696	899	11@4	1309	1515	+	$\vdash$
11'-4" (136") PRECAST	666	535	905	1295	1595	1896	2198	363	556
	6071	400	631	816	1001	1186	1372		
12'-0"(144") PRECAST	631	486	818	1209	1514	1799	2086	340	494
	500	340	532	686	841	997	1153		
13'-4" (160") PRECAST	573	409	682	1004	1367	1637	1897	3@2	398
	458*	316	493	635	357	922	1065		
14'-0'(168') PRECAST	548	378	629	922	1254	1567	1816	286	360
14'-8' (176')	243	295	459	591	724	857	990		
PRESTRESSED	243	352	582	852	1156	1491	1742	N.R.	357
	228	278	43Ø	553	677	801	925		
15'-4" (184") PRESTRESSED	228	329		791	<b>-</b>	_	1676	N.R.	327
	188	236	542 361	464	1Ø72 567	1381	774		
17'-4' (208') PRESTRESSED								N.R.	255
	188	276 2Ø7	449 313	649 401	874 49Ø	1121 578	1389		
19'-4" (232") PRESTRESSED					_			N.R.	204
	165	239	383	550	736	940	1160		1
21'-4" (256") PRESTRESSED	145	186	278	356	433	512	590	N.R.	172
22'-0" (264')	142	212	336	411	635	807	993	-	<u> </u>
PRESTRESSED	140	180	268	343	418	493	568	N.R.	161
24'-0" (288")	137	205	322	457	607	111	947		-
24 -W (2007)	127	165	244	312	38Ø	447	515	l	
PRESTRESSED	124	186	290	408	538	680	833	N.R.	135



8RF14-1B/IT 8F8-1B/IT 8F8-ØB/IT 8FI6-ØB/IT 8F2Ø-IB/IT 8F24-IB/IT TYPE DESIGNATION



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

- | Fro precast lintels = 3500 psi.
  2. fro prestressed lintels = 6000 psi.
  3. fro grout = 3000 psi u/ maximum 3/8" aggregate.
  4. Concrete masonry units (CMU) per ASTM C90 u/
  minimum net area compressive strength = 1900 psi.
  5. Rebar provided in precast lintel per ASTM A615
  GR60. Field rebar per ASTM A615 GR40 or GR60.
  6. Prestressing strand per ASTM A416 grade
  270 low relaxation.
  1. 1/32 wire per ASTM A510.
  8. Mortar per ASTM C270 type M or S.
  GENERAL NOTES
  | Provide full mortar head and bed joints.

- . Provide full mortar head and bed joints. 2. Shore filled lintels as required.
- 3. Installation of lintel must comply with the architectural and/or
- structural drawings.

  4. Lintels are manufactured with 5-1/2\* long notches at the ends
- to accommodate vertical cell reinforcing and grouting.

  5. All lintels meet or exceed L/360 vertical deflection, except lintels 17-4" and longer with a nominal height of 8" meet or exceed L/180.

  6.Bottom field added rebar to be located at the bottom of
- the lintel cavity. 1.7/32' diameter wire stirrups are welded to the bottom steel
- for mechanical anchorage.

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

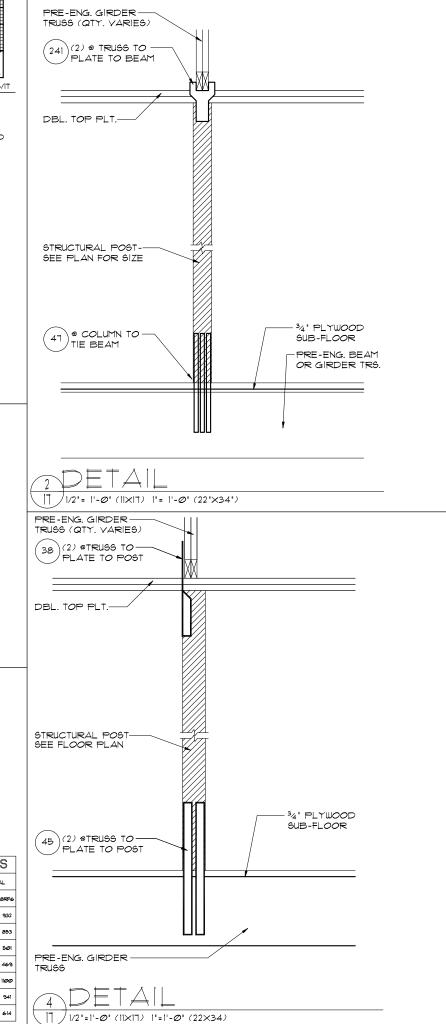
# SAFE LOAD TABLE NOTES I. All values based on minimum 4' bearing. Exception: Safe

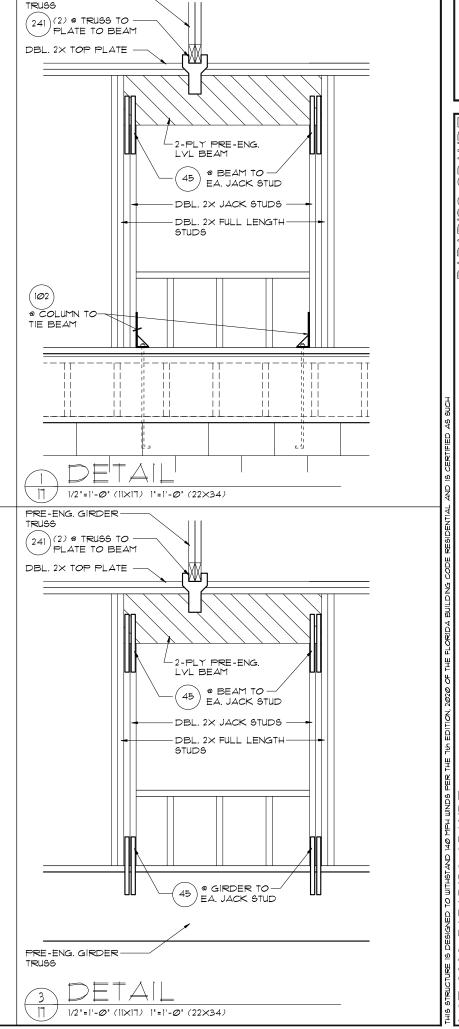
- loads for unfilled lintels must be reduced by 20% if bearing length is less than 6-1/2. Safe loads for all recessed lintels based on 8" nominal bearing. 2. N.R. = Not Rated.
- 3. Safe loads are total superimposed allowable load on the section specified.
- 4. Safe loads based on grade 40 or grade 60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

  8. For composite lintel heights not shown, use safe load from
- next lower height.

## 9. All safe loads in units of pounds per linear foot. 8" PRECAST W/ 2" RECESS DOOR II-I INTELS

		UPLIFT							LATERAL	
TYPE	8RF6-IT	8RFIØ-IT	8RF14-1T	SRFIS-IT	SRF22-IT	8RF26-IT	8RF3Ø-IT			
LENGTH	8RF6-2T	8RF1Ø-2T	8RF14-2T	8RF18-2T	8F6F22-2T	8RF26-2T	8RF3Ø-2T	8RU6	SRF6	
4'-4" (52") PRECAST	1244	1573	2413	3260	4112	4967	5825	932	932	
	1244	1519	2339	3170	4008	4850	5696	932		
4'-6" (54") PRECAST	1192	15ØT	2311	3121	3937	4756	5577	853	853	
4-0 (94) I-RECAST	1192	1455	2240	3Ø36	3837	4643	5453			
5'-8" (68") PRECAST	924+	1172	1795	2423	3Ø55	3689	4325	5Ø1	501	
5-8 (88) PRECASI	924	1132	1741	2351	2978	36Ø3	423Ø			
EL IOL(TOL) DDEC AGE	896+	1138	1742	2352	2965	3581	4198	469	469	
5'-10"(10") PRECAST	896	1099	1690	2288	2891	3497	4106			
6'-8' (80') PRECAST	378	882	1513	2Ø42	2573	31Ø7	3642	830	1100	
6-8 (80) FRECASI	778	956	1468	1981	25Ø9	3Ø35	3563			
71 41 (0.01) PDE 6 467	688	697	1325	1810	2280	2753	3227	שוד	941	
1'-6' (90')PRECAST	688	849	13@2	1762	2225	2690	3157			
9'-8' (116") PRECAST	533*	433	808	1123	1413	17Ø4	1995			
5-5 (IIB / FRECASI	533	527	1009	1369	1728	2088	2450	516	614	





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DATE **Ø4-Ø9-**21 SCALE AS NOTED

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