

1647
PROSPER
30' THRIVE
30' X 75'

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- 01.0 FOUNDATION PLAN A,B,C
- 02.0 FLOOR PLAN W/ DIMENSIONS A,B,C
- 03.0 FLOOR PLAN W/ NOTES A,B,C
- 04A.0 EXTERIOR ELEVATIONS- FRONT/ REAR "A"
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- D6 TYPICAL STRUCTURAL DETAILS
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REVISION SCHEDULE			
NO.	DATE	DESCRIPTION	BY
1	03-30-23	-RECESS CANS ILO LIGHT FIXTURES	RN
2	06-23-23	-ADD (2) PENDANT LTS PREWIRE OVER KITCHEN ISLAND	ME
3	11-23-23	-REVISE ELECTRICAL ITEMS PER MODEL WALK	ME
4	01-26-24	-UPDATE TO 2023 CODE	ME
5	03-17-25	-APPLIED COMMENTS FROM LIBERTY STATION MODEL WALK	MR

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

LOT: 0000, COMMUNITY

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1647 PROSPER

THRIVE SERIES

COVER SHEET

DATE06-01-22

SCALEAS NOTED

DRAWNRDC

JOB1647

SHEET00

OF SHEETS

THOMPSON ENGINEERING GROUP, INC.

5200 Vineland Road, Suite 200

Orlando, Florida 32811

Phone: (407) 529 - 3000

THOMPSON ENGINEERING GROUP, INC.

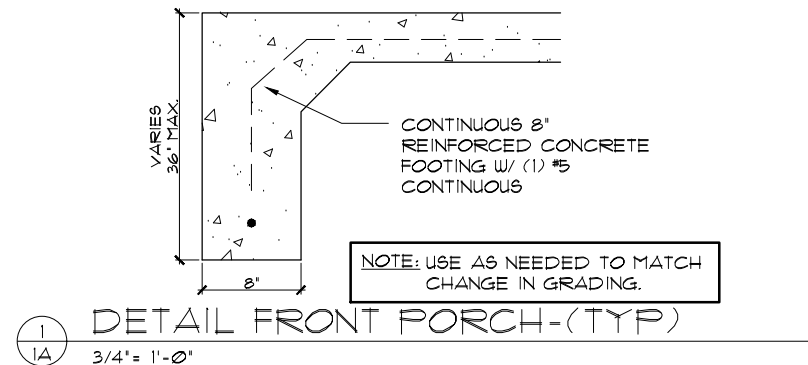
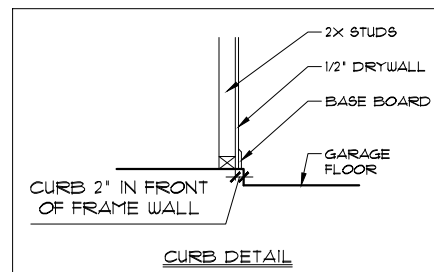
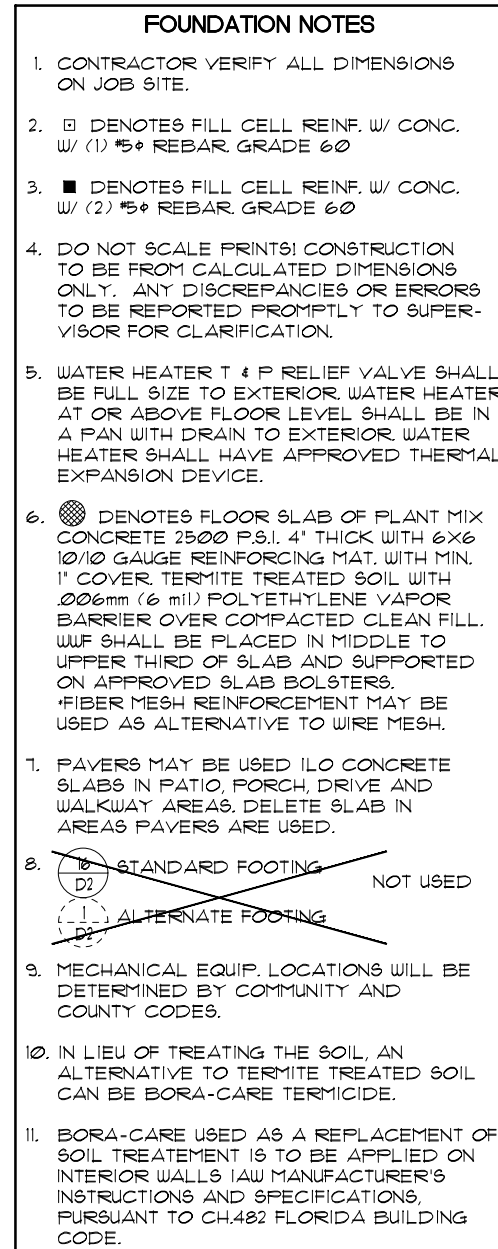
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Orlando, Florida 32811

Phone: (407) 529 - 3000

THRIVE PRODUCT





FOOTING PAD SCHEDULE	
1	24" X 24" X 12" W/ (3) #5'S EACH WAY
2	30" X 30" X 12" W/ (4) #5'S EACH WAY
3	36" X 36" X 12" W/ (5) #5'S EACH WAY
4	32" X 32" X 16" W/ (4) #5'S EACH WAY
5	36" X 36" X 18" W/ (5) #5'S EACH WAY
6	30" X 30" X 20" W/ (4) #5'S EACH WAY
C	FOOTING CHANGE / TRANSITION

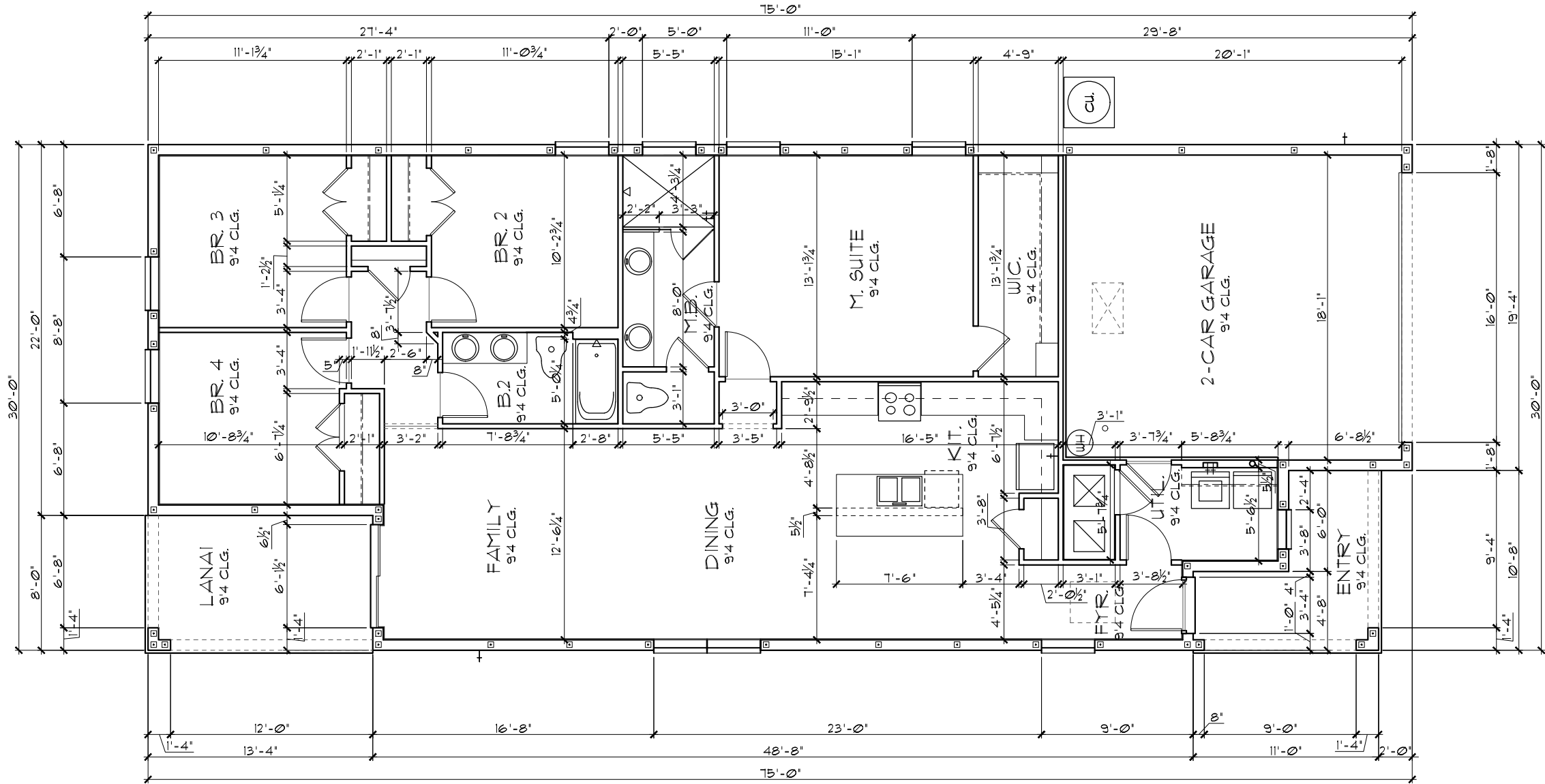
TABULATION	
TOTAL LIVING-----	1,641 SF.
GARAGE-----	392 SF.
ENTRY-----	83 SF.
LANAI-----	107 SF.
TOTAL UNDER ROOF-----	2,229 SF.

GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
3. ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3½" UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 1½" UNLESS NOTED OTHERWISE.
5. ALL INTERIOR CEILINGS AT **9'-4"** UNLESS NOTED OTHERWISE.
6. MECHANICAL EQUIPMENT LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.

FLOOR PLAN W/ DIMENSIONS A,B,C,

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



LOT: 0000, COMMUNITY

THRIVE PRODUCT

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1647
SHEET	02.0
OF	SHEETS

1647 PROSPER
THRIVE SERIES

FLOOR PLAN W/ DIMENSIONS

Park Square HOMES

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

REVISIONS	BY
ITEG THOMPSON ENGINEERING GROUP, INC. 10000 W. US Highway 1, Suite 400, Orlando, FL 32811 Ph: (407) 734-1400 Fax: (407) 734-1750 www.iteg.com	

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PER 8TH EDITION, 2023 FLORIDA BUILDING
RESIDENTIAL CODE

DEAD LOADS

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

ROOF: SHEATHING	-----	5 PSF
STRUCTURE	-----	7 PSF
CEILINGS	-----	3 PSF
MECH/ELEC	-----	5 PSF

FLOOR LIVE LOADS

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

ROOF LIVE LOADS

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

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

WIND INFORMATION

PER 8TH EDITION, 2023 FLORIDA BUILDING
RESIDENTIAL CODE

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

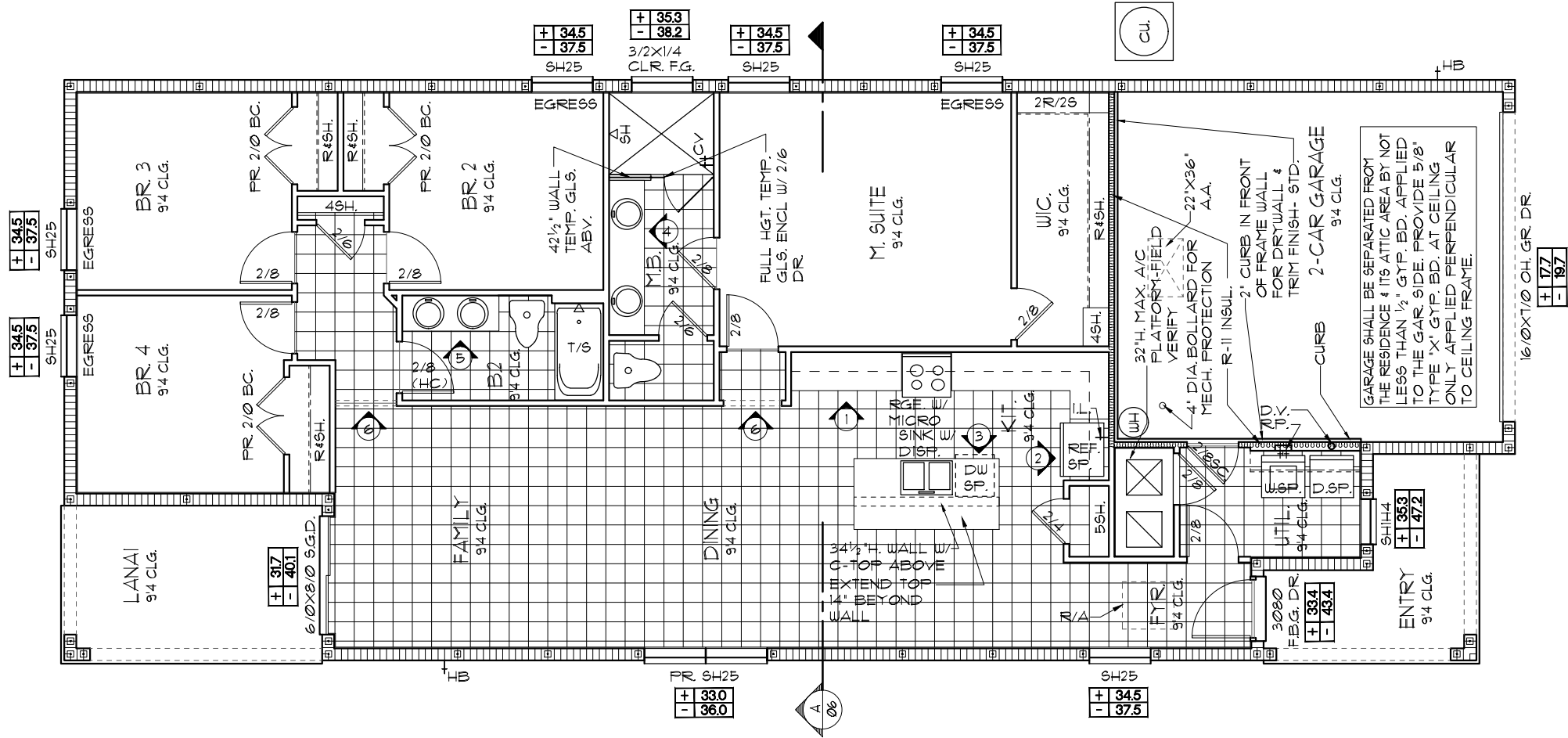
+	XXX	DESIGN WIND PRESSURE IAW FLA
-	XXX	RESIDENTIAL CODE, SECTION R301

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

GENERAL NOTES

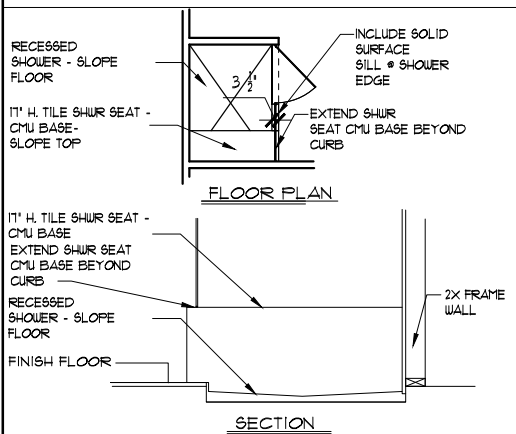
1. PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
2. VENT DRYER THRU ROOF.
3. PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
5. MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
6.  DENOTES CONC. BLOCK WALL HGT. @ 9'-4" AFF.
 DENOTES CONC. BLOCK WALL HGT. @ X'-0" AFF.
7. REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
8. REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
9. ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M1307.2
10. ALL INTER. FIRST FLOOR CEILINGS AT 9'-4" UNLESS NOTED OTHERWISE.

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



FLOOR PLAN W/ NOTES A,B,C

$1/8" = 1' - 0" \quad (11 \times 17) \quad 1/4" = 1' - 0" \quad (22 \times 34)$



NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

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THRIVE PRODUCT

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1647 PROSPER

FLOOR PLAN W/ NOTES

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A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineland Road, Suite 2000
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Phone: (407) 529 - 3000

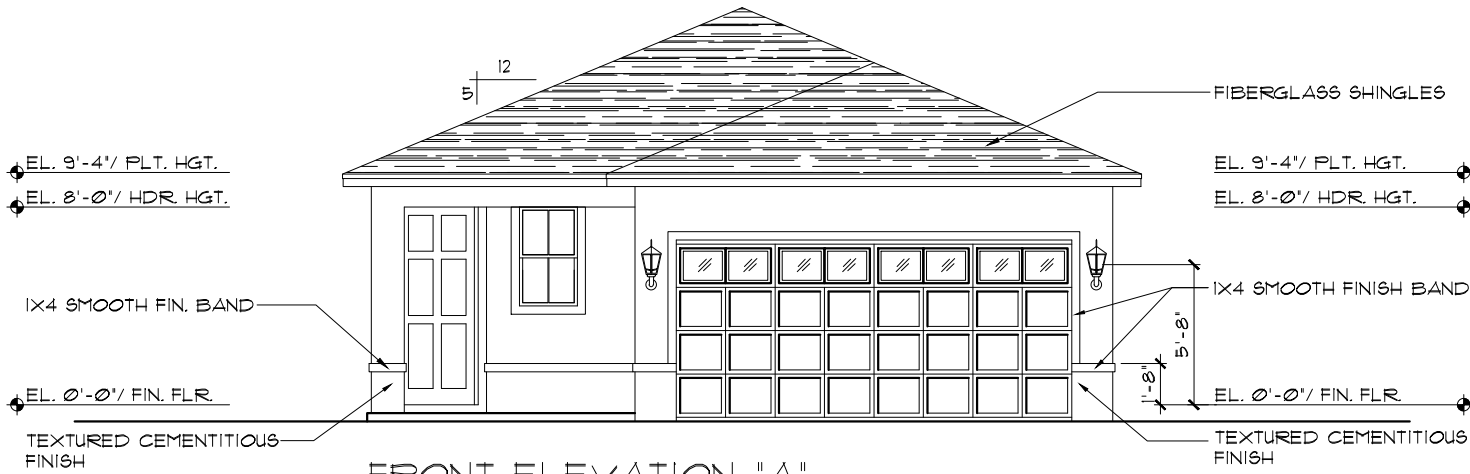
REVIEWS	B
 THOMPSON ENGINEERING GROUP, INC. 4401 Windland Road Suite A6 Orlando, FL 32811 Ph: (407) 734-1450 Fax: (407) 734-1790 www.itegfl.com	

DATE	06-01-
SCALE AS NOTED	
DRAWN	RD
JOB	164
SHEET	
03.0	
OF	SHEET

EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R103.7.1 OF THE 8TH EDITION, FBCR. 2023
2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.7.2 OF THE 8TH EDITION, FBCR. 2023
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FRONT ELEVATION "A"

$$1/8'' = 1' - \emptyset'' \quad (11 \times 17) \quad 1/4'' = 1' - \emptyset'' \quad (22 \times 34)$$


REAR ELEVATION "A"

$$1/8'' = 1' - \emptyset'' \quad (11 \times 17) \quad 1/4'' = 1' - \emptyset'' \quad (22 \times 34)$$

THRIVE PRODUCT

REVISIONS	BY



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Park Square HOMES

EXTERIOR ELEVATION
FRONT AND REAR

1647 PROSPER
THRIVE SERIES

DATE	06-01-20
SCALE	AS NOTED
DRAWN	RDO
JOB	164
SHEET	
04A.0	
OF	SHEETS

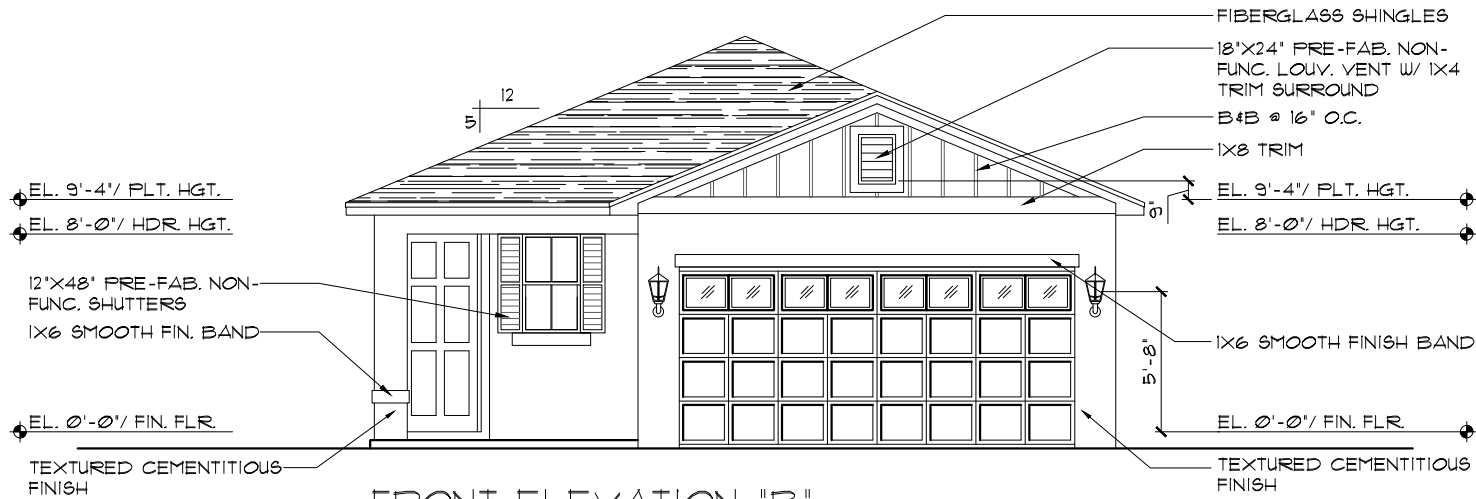
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COMMUNITY THRIVE PRODUCTIONS

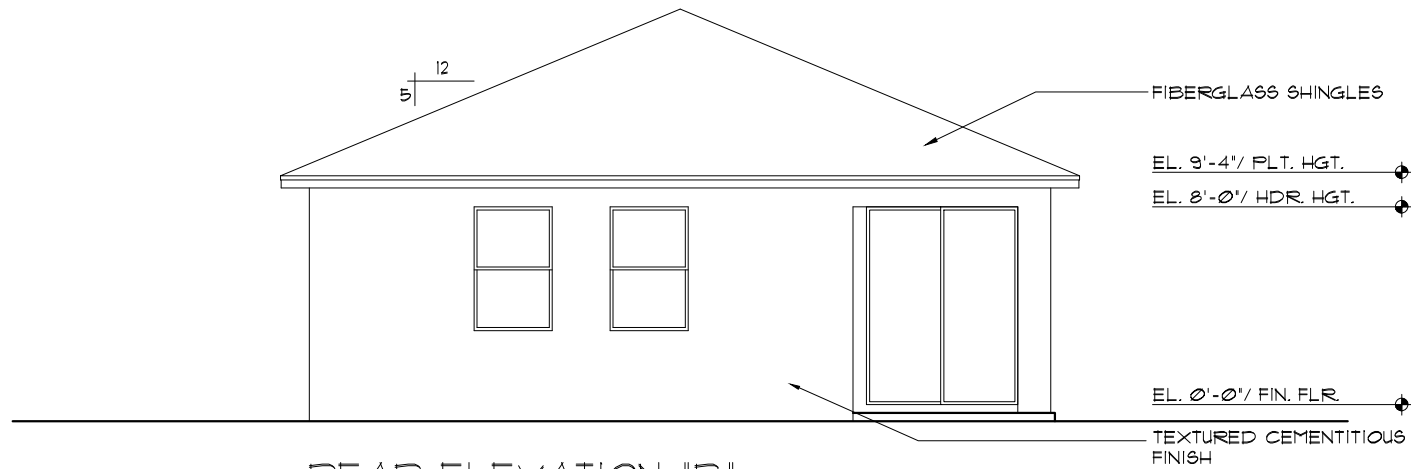
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FRONT ELEVATION "B"

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REAR ELEVATION "B"

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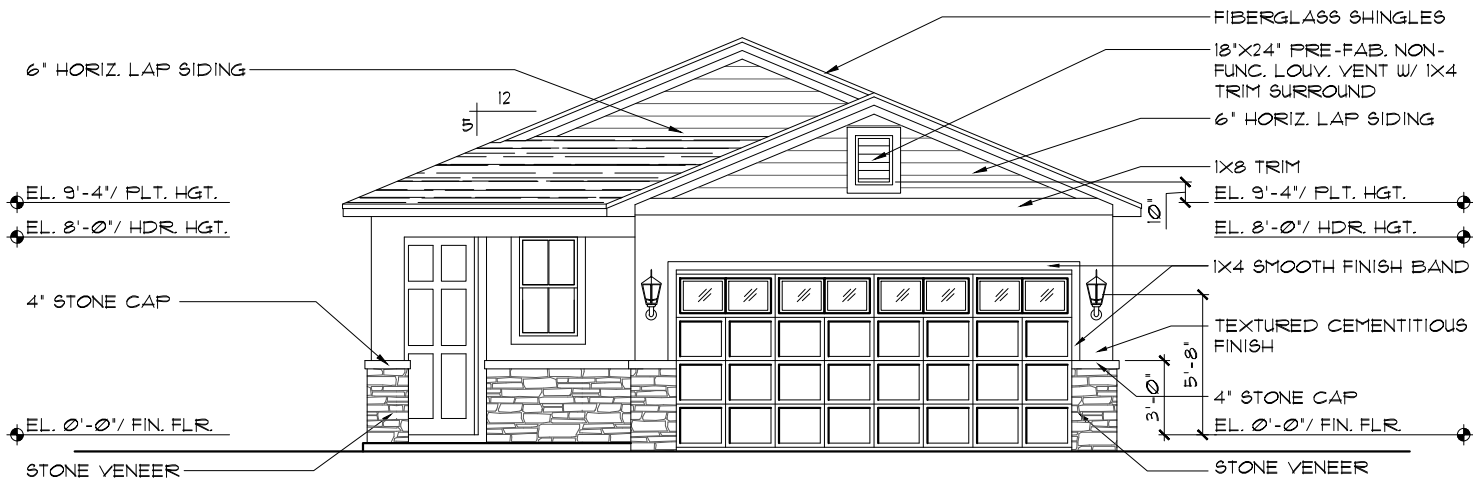
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A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529 - 3000		
Park Square HOMES		
EXTERIOR ELEVATION FRONT AND REAR		
1647 PROSPER		DATE 06-01-22
THRIVE SERIES		SCALE AS NOTED
		DRAWN RDC
		JOB 1647
		SHEET
		04B.0
		OF SHEETS

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FRONT ELEVATION "C"

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



REAR ELEVATION "C"

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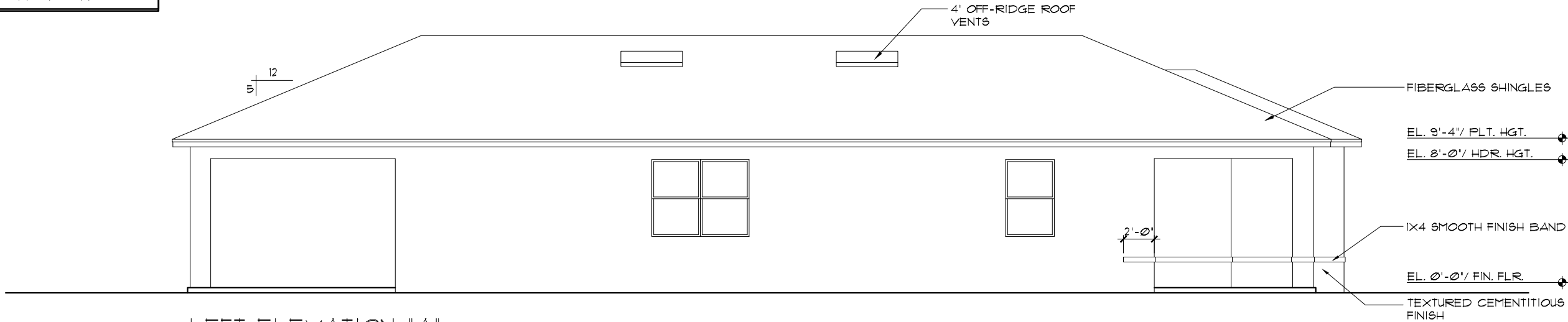
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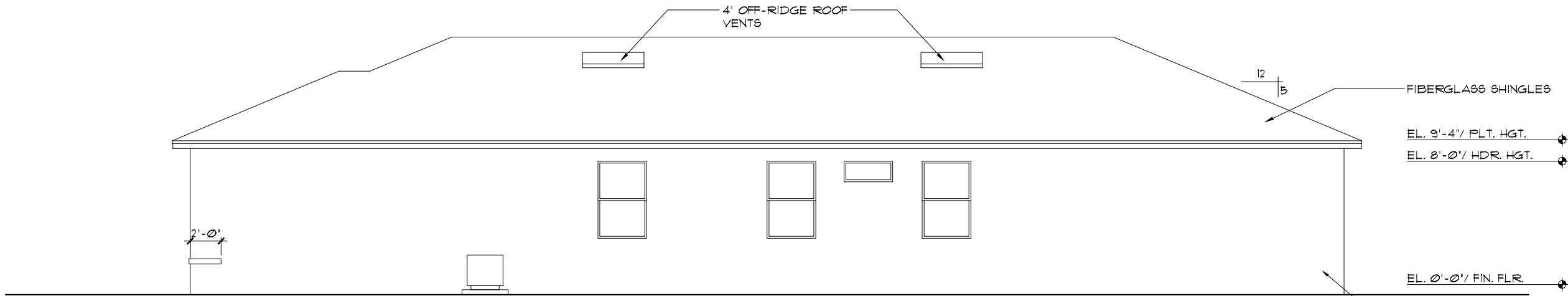
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EXTERIOR ELEVATION		
FRONT AND REAR		
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LEFT ELEVATION "A"

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



RIGHT ELEVATION "A"

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

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www.teg.com

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Phone: (407) 529 - 3000

EXTERIOR ELEVATION LEFT AND RIGHT	
1647 PROSPER	THRIVE SERIES
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SHEET	05A.0
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Park
Square
HOMES

EXTERIOR ELEVATION LEFT AND RIGHT

1047 PROSPER
THRIVE SERIES

E 06-01-2

LE AS NOTED

AWN RDC

164

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5B.0
SHEETS

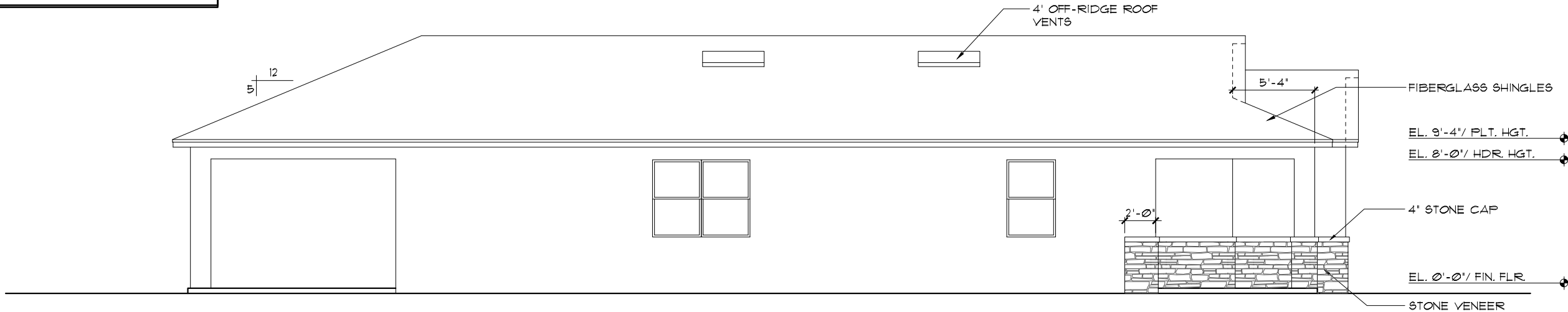
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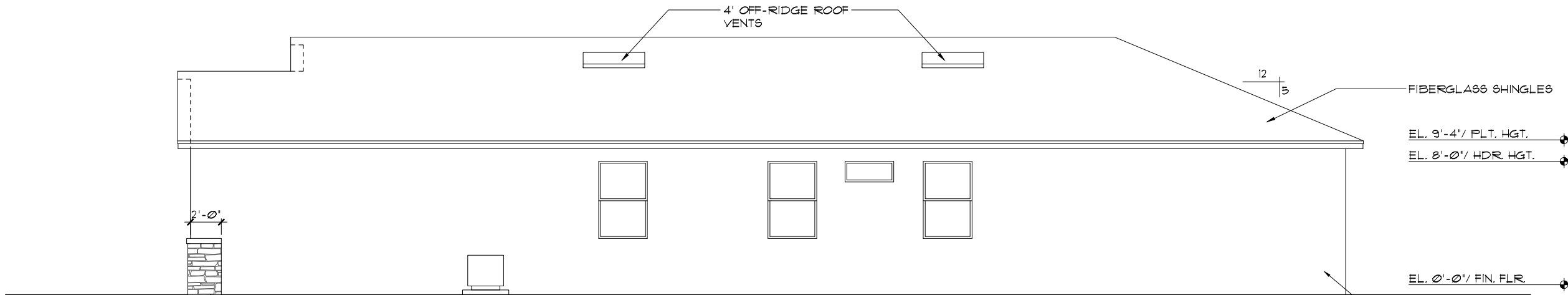
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LEFT ELEVATION "C"

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RIGHT ELEVATION "C"

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

THRIVE PRODUCT

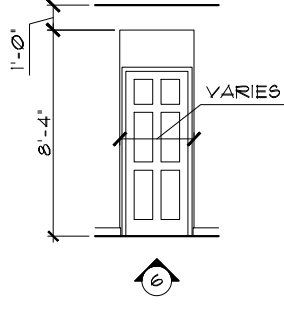
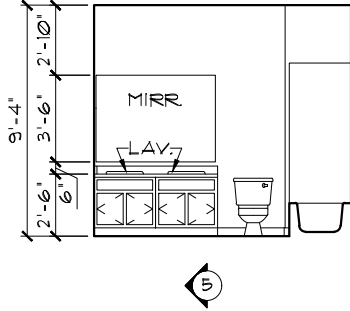
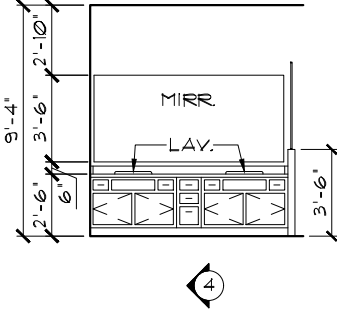
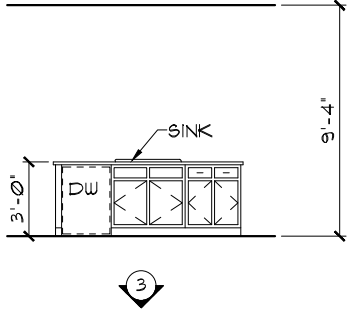
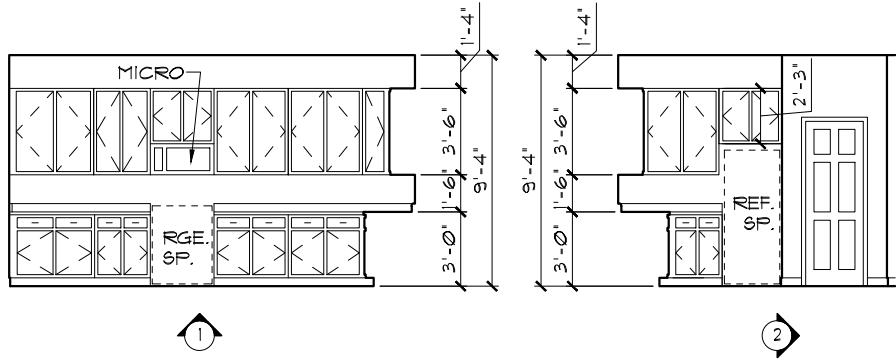
THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, COMMUNITY

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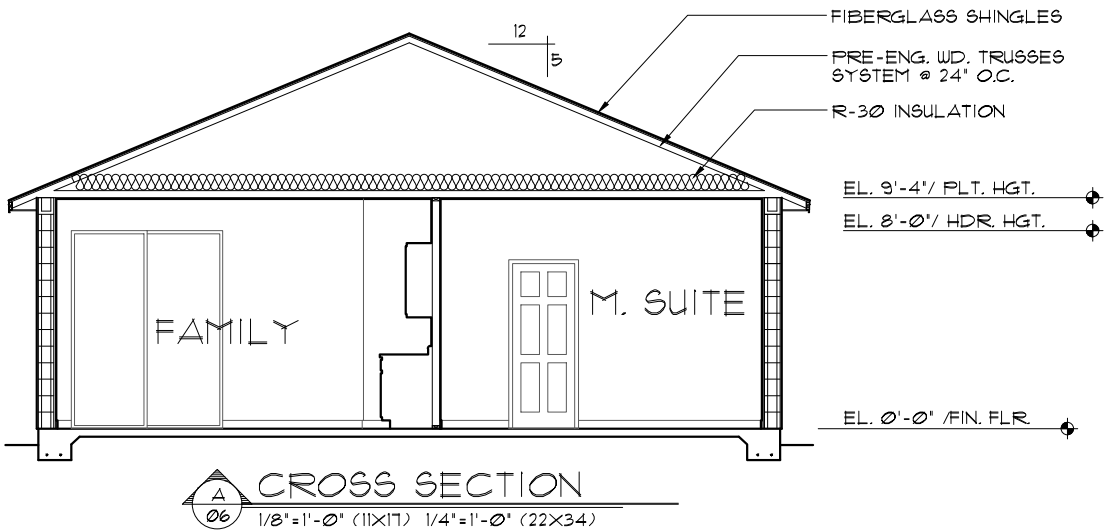
REVISIONS		BY
THOMPSON ENGINEERING GROUP, INC. 1647 PROSPER SUITE 200 ORLANDO, FL 32811 PH: (407) 734-1400 FAX: (407) 734-1730 WWW.TEG.COM		
Park Square HOMES A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529 - 3000		
EXTERIOR ELEVATION LEFT AND RIGHT		
1647 PROSPER	DATE	06-01-22
THRIVE SERIES	SCALE	AS NOTED
	DRAWN	RDC
	JOB	1647
	SHEET	
	05C.0	
	OF	SHEETS



INTERIOR ELEVATIONS

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

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



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

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CROSS SECTION /
INTERIOR ELEVATIONS

Park Square
HOMES

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www.iteg.com

REVISIONS	BY
DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1647
SHEET	06
OF	SHEETS

MECHANICAL/GENERAL NOTES
PER 8TH ED. 2023 FLA BLD. CODE-RESIDENTIAL
1.) COMPLETE DUCT DESIGN W/ SIZES & R-VALUE
COMPLYING W/ THE FLORIDA ENERGY EFFICIENCY
CODE FOR BUILDING CONSTRUCTION 610.1 ABC.1

2.)APPLIANCES SHALL BE ACCESSIBLE FOR
INSPECTION, SERVICE, REPAIR AND REPLACEMENT
WITHOUT REMOVING PERMANENT CONSTRUCTION.
A) CHAPTER 13 OF THE FBC-R 2023 8TH
SECTION M1305.1

3.) AIR CONDITIONING SYSTEM SHALL BE
COMPLETELY BALANCED. ALL ROOMS ISOLATED
FROM THE RETURN AIR SHALL BE PROVIDED WITH
MEANS TO COMPLY WITH SECTION M1602 OF THE
FBCR CODE 2023 8TH EDITION.

4.) IAW NEC 2020- 210.12-ALL 15A OR 20A, 120V
BRANCH CIRCUITS SUPPLYING OUTLETS OR
DEVICES IN THE FOLLOWING LOCATIONS REQUIRE
AFCI PROTECTION- KITCHEN, FAMILY RMS, DINING
RMS, LIVING RMS, PARLORS, LIBRARIES,
BEDROOMS, DENS, CLOSETS, SUNROOMS,
RECREATION RMS, HALLWAYS OR SIMILAR AREAS
SHALL BE PROTECTED BY A LISTED AFCI DEVICE
OF THE COMBINATION TYPE.

5.) IAW NEC 2020- 406.12, ALL 15A AND 20A, 125V
RECEPTACLES SHALL BE LISTED AS TAMPER
RESISTANT.

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

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

8.) ALL WATER HEATERS HAVING AN IGNITION
SOURCE TO BE ELEVATED SUCH THAT THE SOURCE
OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR
UNLESS WATER HEATER IS LISTED AS FLAMMABLE
VAPOR IGNITION RESISTANT. IAW FBCR 2023,
8TH ED. P2801.1

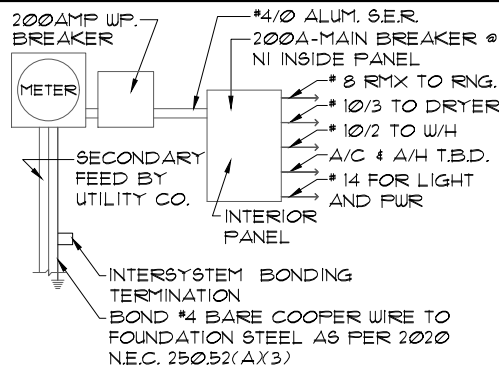
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING
WATER HEATERS HAVING AN IGNITION SOURCE TO
BE ELEVATED SUCH THAT THE SOURCE OF IGNITION
IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS
LISTED AS FLAMMABLE VAPOR IGNITION
RESISTANT. IAW FBCR 2023, 8TH ED.

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

11.) ALL ELECTRICAL WORK TO BE DONE PER
NFPA10-NEC 2020

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

12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN
ACCORDANCE WITH NFPA10-NEC2020 - ARTICLE
210-52



ELECTRICAL RISER DIAGRAM

NOTE:
NTS.
ELECTRICAL MATERIALS AND INSTALLATIONS
SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE
NATIONAL ELEC. CODE 250.52(AX1) TO (6), LOCAL
CODES, AND THE LOCAL POWER COMPANY.

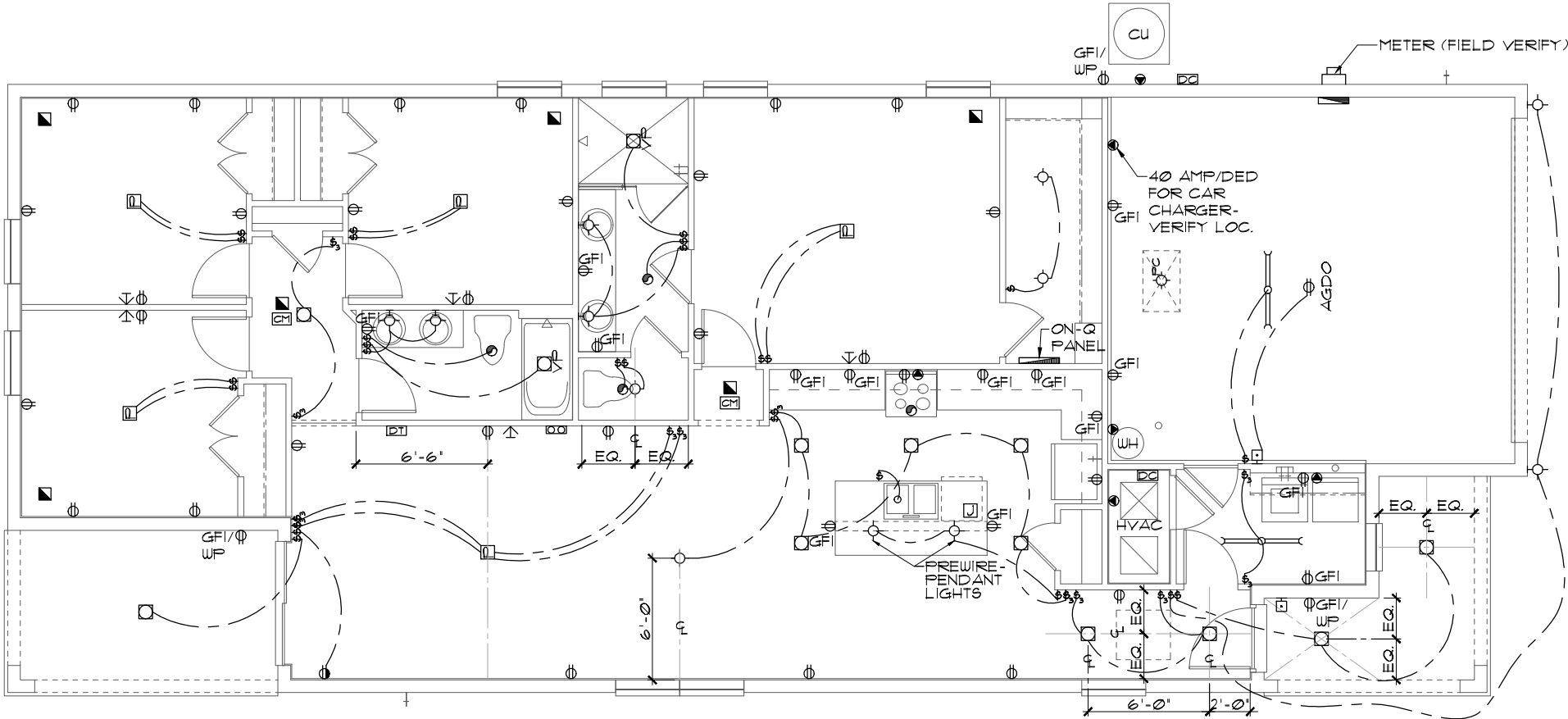
250.52(AX3) Concrete-Encased
Electrode. Concrete-encased
electrodes can be
horizontal or vertical and must be
at least 20 ft. long.

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
1/2 inch in diameter and at least
20 ft. long, encased in 2 inches
of concrete; (2) 20 ft. of bare
copper conductor not
smaller than No. 4 AWG encased in
2 inches of concrete.

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

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



ELECTRICAL PLAN A,B,C

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

ELECTRICAL LEGEND

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

NOTE: ON-Q BOX TO BE INSTALLED PER
COMMUNITY SPECS

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THRIVE SERIES

ELECTRICAL PLAN

A DIVISION OF PARK SQUARE
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Orlando, Florida 32811
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P.O. BOX 1480
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ATTIC VENTILATION CALCULATIONS

PER FBC2023 8TH EDITION R306: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

THE MINIMUM NET VENTILATION AREA SHALL BE 1/300 OF VENTED SPACE:

TOTAL VENTED SPACE: $\frac{2,288\text{F.}}{300} = \underline{7,438\text{F.}}$ NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL:----- $\underline{3,408\text{F.}}$
PROVIDED W/OFF RIDGE VENTS: **4** VENTS @ $\underline{858\text{F.}}$ /VENT.
(VENT TYPE: LOMANCO MODEL TT0-D OR MILLENNIUM METAL)
LOWER PORTION VENTILATION TOTAL:----- $\underline{18,978\text{F.}}$
PROVIDED W/ VENTILATED SOFFITS @ EAVE:-
($\underline{218\text{LF.}}$ @ $\underline{0.0878\text{F.}}$ VENTING PER LF.)

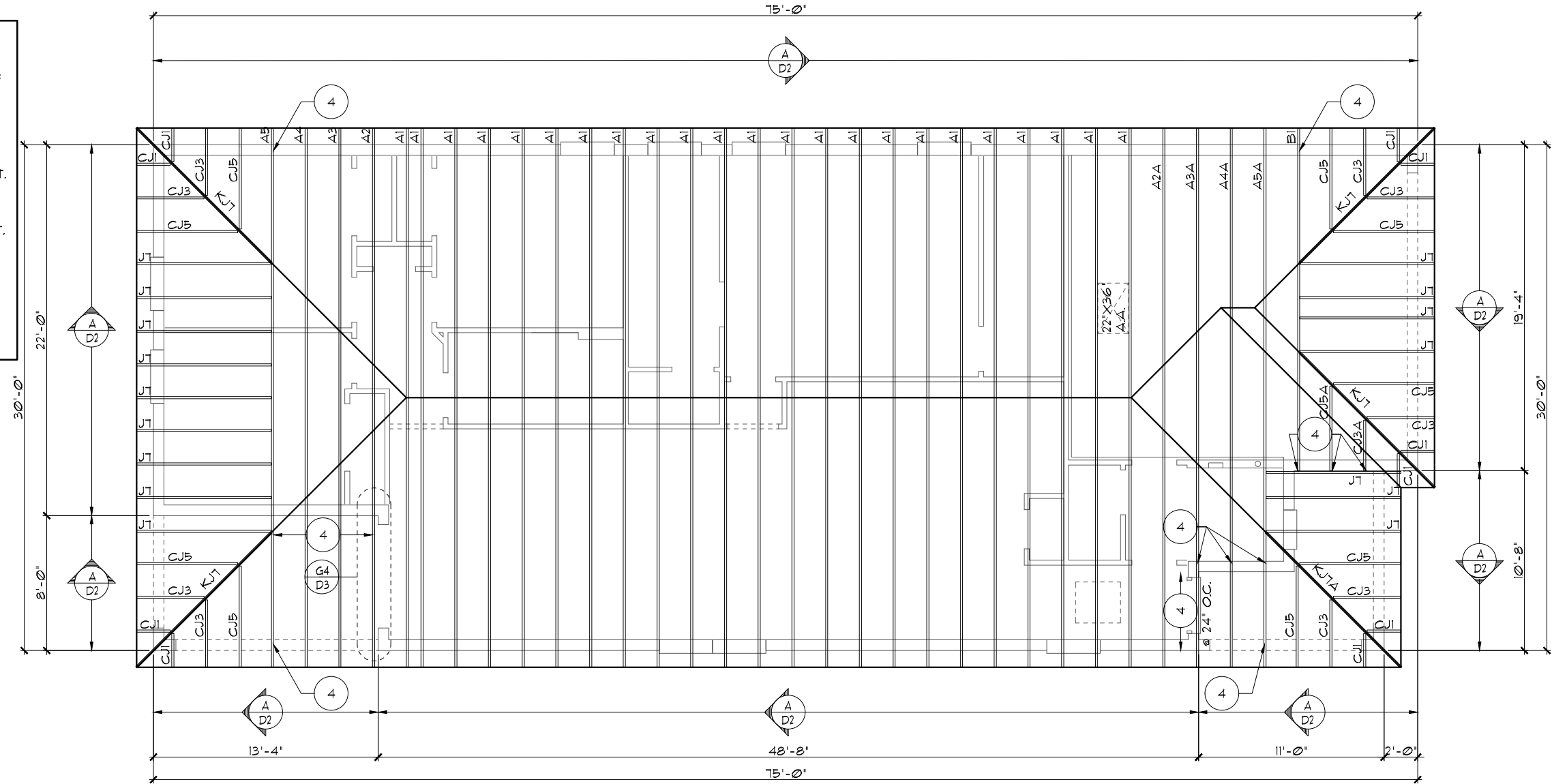
UPPER PORTION PERCENTAGE: $\frac{46\%}{54\%}$
LOWER PORTION PERCENTAGE:

NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
- PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
- ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BC61.1.
- REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.1.1 - Underlayment materials required to comply with ASTM D226, D4869 or Type IV shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
- OFF RIDGE VENTS MAXIMUM OPENING SIZES :
 - LOMANCO : (2) 9 1/4" DIA. CIRCLES
 - MILLENNIUM METAL : 2 1/2" X 46" HOLE
- ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R305.1.1

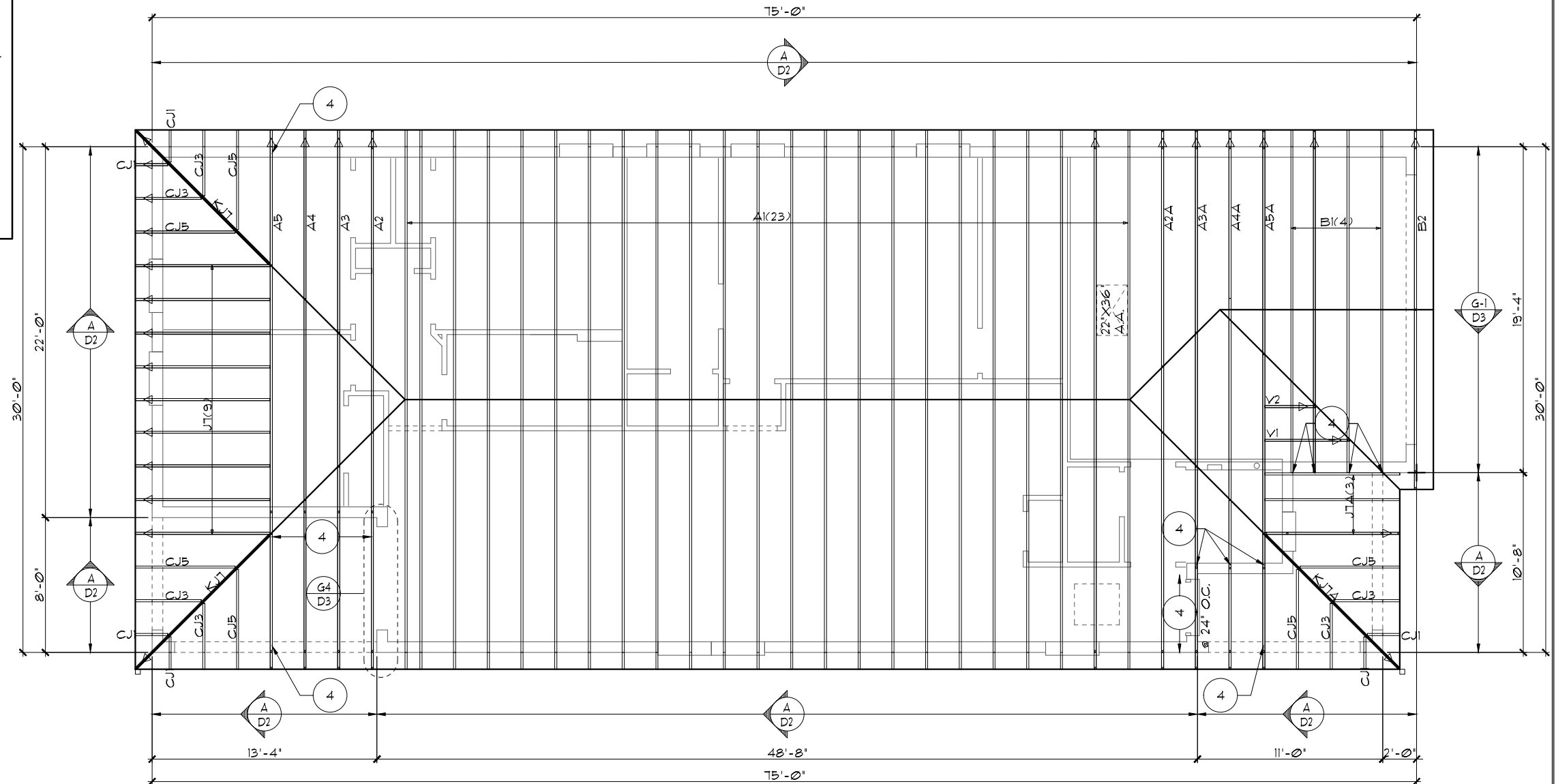
TRUSS LAYOUT "A"

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



UPPER PORTION PERCENTAGE:	46%
LOWER PORTION PERCENTAGE:	54%

9. ROOF UNDERLAYMENT TO BE USED IS
2 LAYERS OF 30 LBS. SYNTHETIC FELT
OR ANY OTHER METHOD LISTED PER
FBC R905.1.1.1



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

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08B.0
OF SHEETS

1647 PROSPER

THRIVE SERIES

TRUSS LAYOUT

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

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THOMPSON ENGINEERING GROUP, INC.
4401 Vineland Road Suite A6 Orlando, FL 32811
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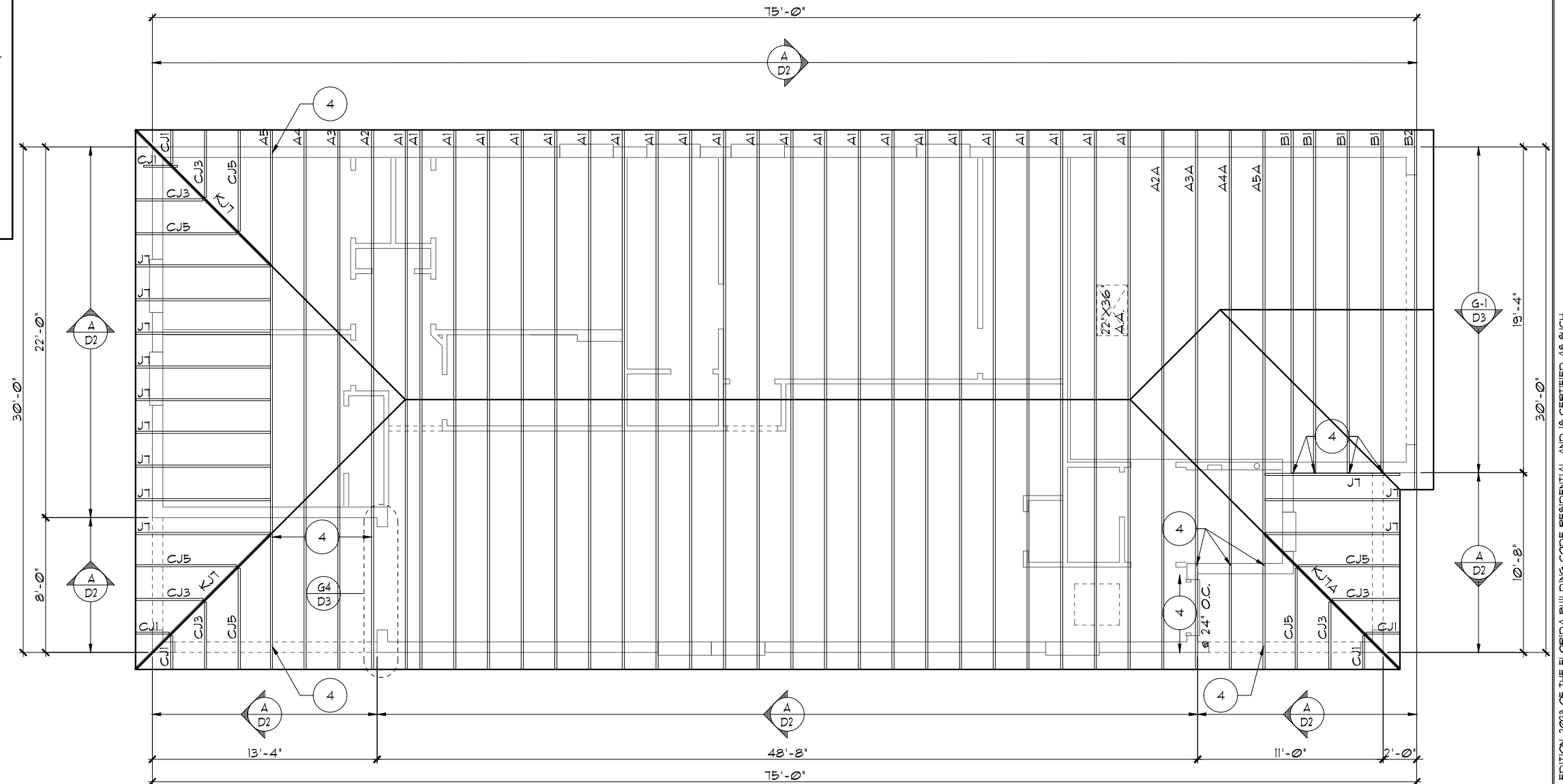
UPPER PORTION PERCENTAGE:	<u>46%</u>
LOWER PORTION PERCENTAGE:	<u>54%</u>

7. SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCE 2023, 8TH EDITION R305.1.1 - Underlayment materials required to comply with ASTM D226, D4869 or Type IV shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.

8. OFF RIDGE VENTS MAXIMUM OPENING SIZES ;

- LOMANCO : (2) 9 1/4" DIA. CIRCLES
- MILLENNIUM METAL : 2 1/2" X 46" HOLE

9. ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBCE R305.1.1.]


$$1/8'' = 1' - 0'' \quad (11 \times 17) \quad 1/4'' = 1' - 0'' \quad (22 \times 34)$$

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107:0000, COMMUNITY

DATE	06-01-22
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JOB	164
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THRIVE SERIES

TRUSS LAYOUT

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ENTERPRISES, INC.
5200 Vineland Road, Suite 200
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Phone: (407) 529 - 3000**

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ATTIC VENTILATION CALCULATIONS

PER FBC2023 8TH EDITION R306: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

THE MINIMUM NET VENTILATION AREA SHALL BE 1/300 OF VENTED SPACE:

TOTAL VENTED SPACE: $\frac{2,228\text{S.F.}}{300} = \underline{7,43\text{S.F.}}$ NET FREE VENT. REQUIRED

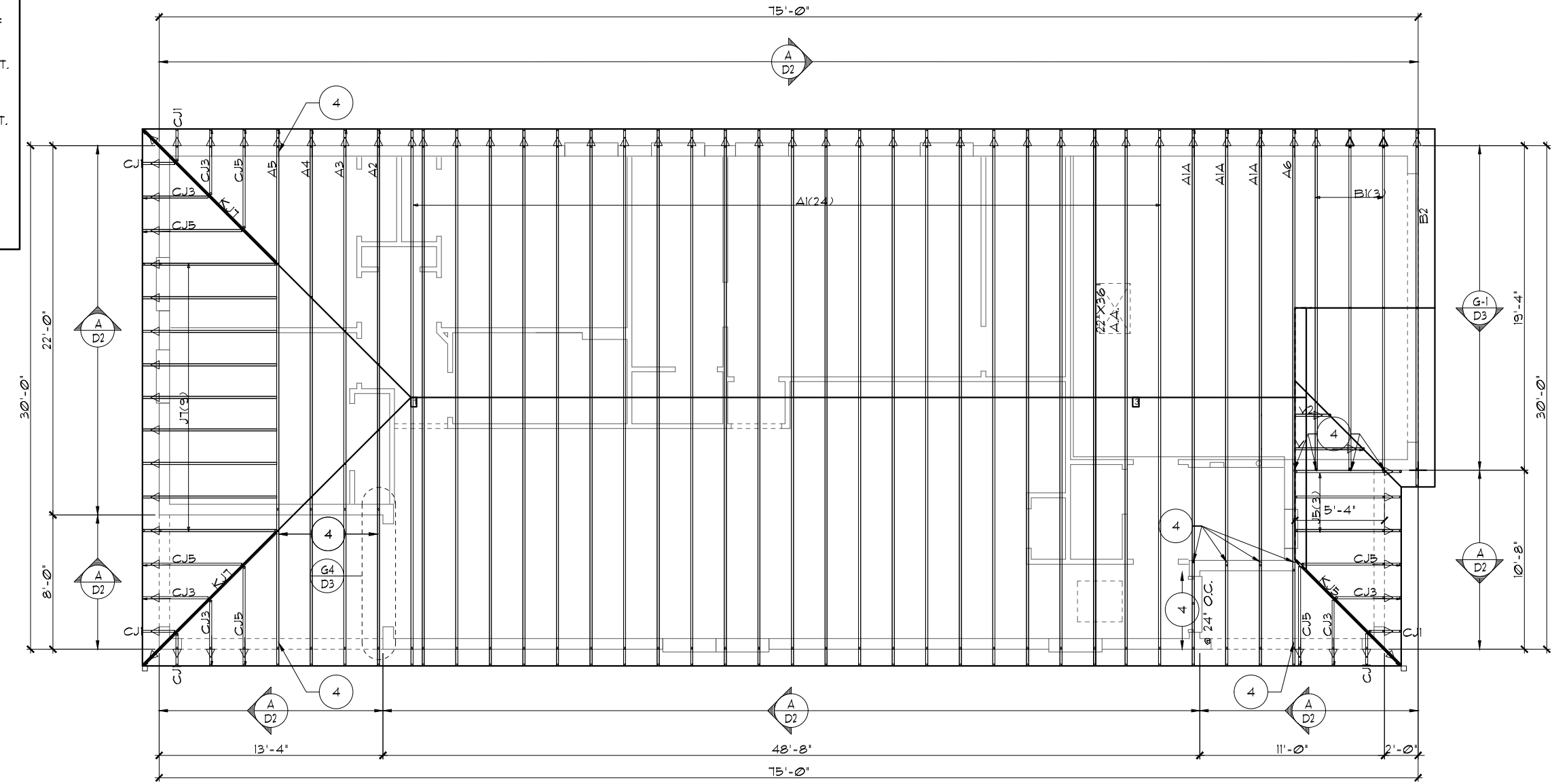
UPPER PORTION VENTILATION TOTAL:----- **3,40\text{S.F.}**
PROVIDED W/OFF RIDGE VENTS: **4** VENTS @ **.85\text{S.F.}** /VENT.
(VENT TYPE: LOMANCO MODEL T70-D OR MILLENNIUM METAL)
LOWER PORTION VENTILATION TOTAL:----- **18,97\text{S.F.}**
PROVIDED W/ VENTILATED SOFFITS @ EAVE:-
(**218\text{L.F.}** @ **0.087\text{S.F.}** VENTING PER L.F.)

UPPER PORTION PERCENTAGE: **46%**
LOWER PORTION PERCENTAGE: **54%**

NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCS1.1.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.

7. SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.1.1 - Underlayment materials required to comply with ASTM D226, D4869 or Type IV shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :
 - LOMANCO : (2) 9 1/4" DIA. CIRCLES
 - MILLENNIUM METAL : 2 1/2" X 46" HOLE
9. ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R305.1.1



TRUSS LAYOUT "C"

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

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A DIVISION OF PARK SQUARE ENTERPRISES, INC.

TRUSS LAYOUT

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100	RDC

ATTIC VENTILATION CALCULATIONS

PER FBC2023 8TH EDITION R806: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

THE MINIMUM NET VENTILATION AREA SHALL BE 1/300 OF VENTED SPACE:

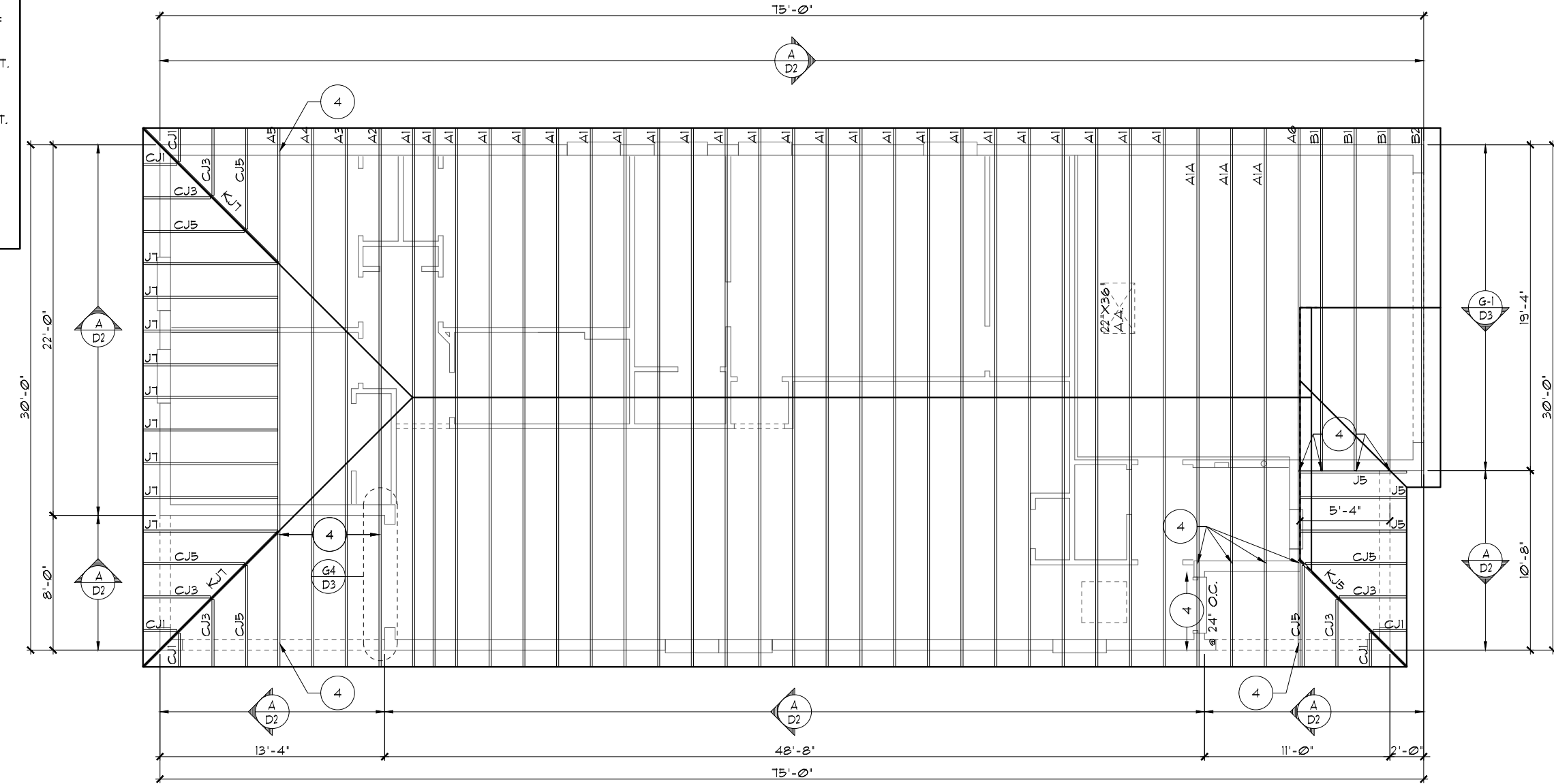
TOTAL VENTED SPACE: $\frac{2,288\text{F.}}{300} = \underline{7,438\text{F.}}$ NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL:----- $\underline{3,408\text{F.}}$
PROVIDED W/OFF RIDGE VENTS: **4** VENTS @ $\underline{858\text{F.}}$ /VENT.
(VENT TYPE: LOMANCO MODEL TT0-D OR MILLENNIUM METAL)
LOWER PORTION VENTILATION TOTAL:----- $\underline{18,978\text{F.}}$
PROVIDED W/ VENTILATED SOFFITS @ EAVE:-
($\underline{218\text{L.F.}}$ @ $\underline{0.0878\text{F.}}$ VENTING PER L.F.)

UPPER PORTION PERCENTAGE: $\underline{46\%}$
LOWER PORTION PERCENTAGE: $\underline{54\%}$

NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE **12"** UNLESS OTHERWISE NOTED.
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- ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
- TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCS1.1.
- REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R905.1.1 - Underlayment materials required to comply with ASTM D226, D4869 of Type IV shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
- OFF RIDGE VENTS MAXIMUM OPENING SIZES :
 - LOMANCO : (2) 9 1/4" DIA. CIRCLES
 - MILLENNIUM METAL : 2 1/2" X 46" HOLE
- ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R905.1.1



TRUSS LAYOUT "C"

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

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

THRIVE PRODUCT

LOT: 0000, COMMUNITY

1647 PROSPER

THRIVE SERIES

TRUSS LAYOUT

DATE 06-01-22

SCALE AS NOTED

DRAWN RDC

JOB 1647

SHEET

08C.0

OF SHEETS

REVISIONS

BY

THOMPSON ENGINEERING GROUP, INC.

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

A DIVISION OF PARK SQUARE ENTERPRISES, INC.

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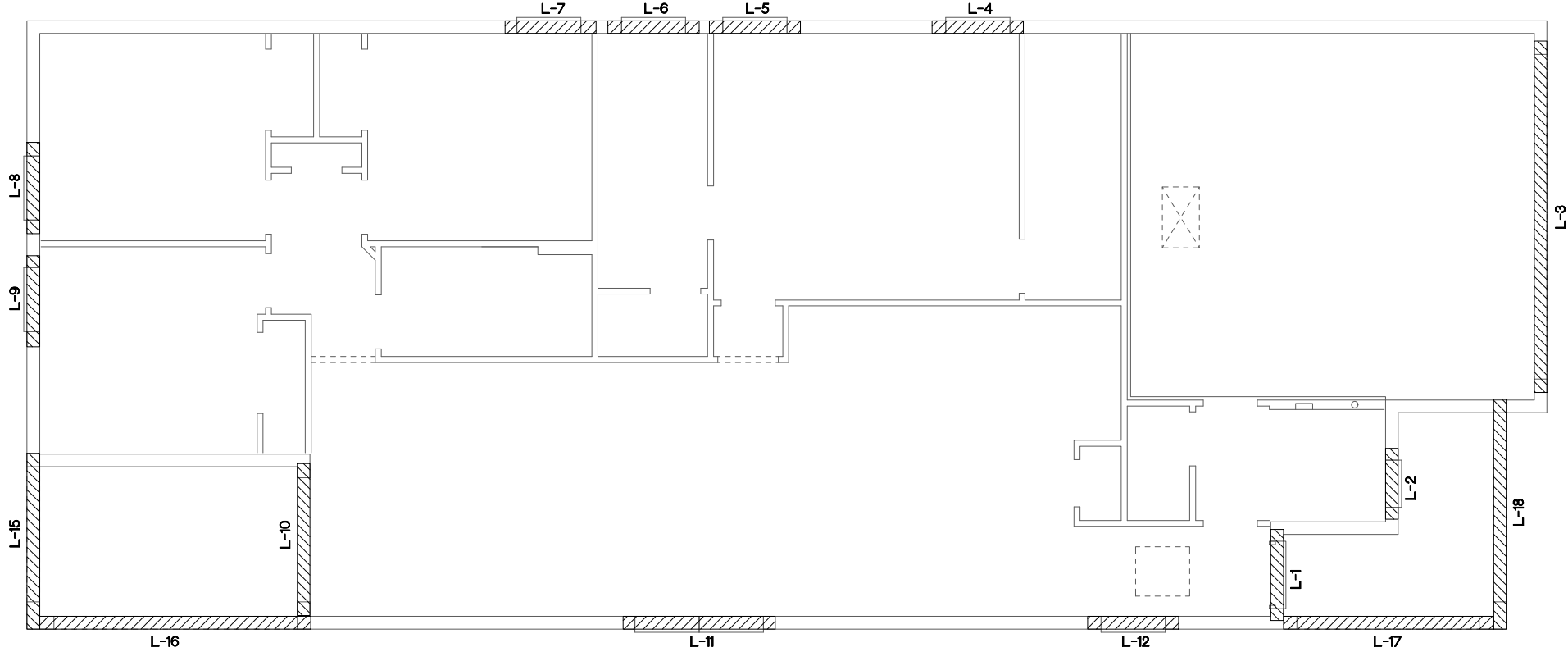
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Phone: (407) 529 - 3000

THRIVE PRODUCT

LOT: 0000, COMMUNITY

CAST CRETE / LOTT'S / WEKIWA / FLORIDA ROCK LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	4'-6"	8F12-0B/1T	3080 FRONT DOOR
L 2	3'-6"	8F16-0B/1T	SH114 TMP.
L 3	11'-4"	8F34-1B/1T	GARAGE DOOR
L 4	4'-6"	8F16-0B/1T	SH25
L 5	4'-6"	8F16-0B/1T	SH25
L 6	4'-6"	8F16-0B/1T	3/2X1/4 F.G.
L 7	4'-6"	8F16-0B/1T	SH25
L 8	4'-6"	8F16-0B/1T	SH25
L 9	4'-6"	8F16-0B/1T	SH25
L 10	1'-6"	8F16-0B/1T	6/0X8/0 SGD.
L 11	1'-6"	8F16-0B/1T	FR. SH25
L 12	4'-6"	8F16-0B/1T	SH25
L 13			
L 14			
L 15	8'-0"	8F16-0B/1T	LANAI
L 16	13'-4"	8F16-1B/1T	LANAI
L 17	10'-6"	8F16-0B/1T	FRONT ENTRY
L 18	11'-4"	8F16-0B/1T	FRONT ENTRY
L 19			
L 20			
L 21			
L 22			
L 23			
L 24			
L 25			
L 26			
L 27			



PRE CAST LINTEL LAYOUT A,B,C

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

LOT: 0000, COMMUNITY

THRIVE PRODUCT

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DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1647
SHEET	09.0
OF	SHEETS
1647 PROSPER	
THRIVE SERIES	
PRE CAST LINTEL LAYOUT	
A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529 - 3000	
HTEG THOMPSON ENGINEERING GROUP, INC. 10000 W. US Highway 1, Suite 400 Orlando, FL 32811 Ph: (407) 734-1450 Fax: (407) 734-1730 www.teg.com	
REVISIONS	
BY	

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS

		GRAVITY											
LENGTH	TYPE	8U8	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B	8F36-0B	8F40-0B	8F44-0B	8F48-0B
2'-10" (34')	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936				
3'-6" (42')	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936				
4'-0" (48')	PRECAST	2029	2725	2496	3467	4438	5410	6384	7358				
4'-6" (54')	PRECAST	1651	1787	193	2651	3403	4149	4896	5644				
5'-4" (64')	PRECAST	1184	1223	1301	1809	2371	2936	3506	4076				
5'-10" (70')	PRECAST	972	1459	2464	4144	5458	6437	7420	8407				
6'-6" (78')	PRECAST	931	1255	2101	3396	5260	7134	8995	10856				
7'-6" (90')	PRECAST	761	1029	1679	2610	3839	5596	7353	9110				
9'-4" (112')	PRECAST	573	632	1049	1463	2100	2852	3604	4356				
10'-6" (126')	PRECAST	456	482	802	1125	1515	1922	2328	2734				
11'-4" (136')	PRECAST	448	598	935	1365	1854	2355	2856	3357				
12'-0" (144')	PRECAST	414	545	864	1254	1693	2111	2532	2950				
13'-4" (160')	PRECAST	362	485	748	1076	1438	1855	2343	2820				
14'-0" (168')	PRECAST	338	381	648	919	1190	1462	1881	2260				
14'-8" (176')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR				
15'-4" (184')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR				
17'-4" (208')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR				
19'-4" (232')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR				
21'-4" (256')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR				
22'-0" (264')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR				
24'-0" (288')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR				

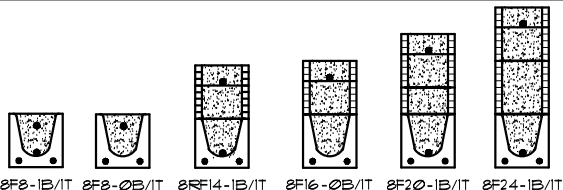
8" PRECAST W/ 2" RECESS DOOR U-LINTELS

		GRAVITY											
LENGTH	TYPE	8RL6	8RF6-0B	8RF10-0B	8RF14-0B	8RF18-0B	8RF22-0B	8RF26-0B	8RF30-0B	8RF34-0B	8RF38-0B	8RF42-0B	8RF46-0B
4'-4" (52')	PRECAST	1489	1591	3253	2382	3954	4929	5904	6880				
4'-6" (54')	PRECAST	1351	1821	3412	4382	6472	7941	9416	10818				
5'-8" (68')	PRECAST	785	832	1602	1550	2058	2566	3075	3585				
5'-10" (70')	PRECAST	735	1103	2051	3811	6472	6516	5450	6411				
6'-8" (80')	PRECAST	822	907	1671	2933	2576	3223	3872	4522				
7'-6" (90')	PRECAST	665	764	1371	2329	3609	5492	6624	8132				
9'-8" (116')	PRECAST	371	420	834	1253	1871	2618	3355	4092				

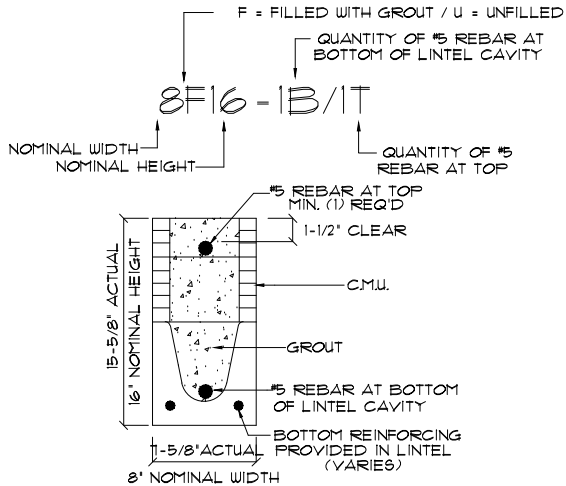
8" PRECAST & PRESTRESSED U-LINTELS

		UPLIFT										LATERAL	
LENGTH	TYPE	8F8-IT	8F12-IT	8F16-IT	8F20-IT	8F24-IT	8F28-IT	8F32-IT	8F36-IT	8F40-IT	8F44-IT	8U8	8F8
2'-10" (34')	PRECAST	2727	2878	4101	5332	6563	7811	9055				2021	2021
3'-6" (42')	PRECAST	2165	2289	3260	4337	5379	6204	7192				1291	1291
4'-0" (48')	PRECAST	1878	1925	2750	3583	4422	5264	6100				938	938
4'-6" (54')	PRECAST	1660	1762	2507	3257	4010	4767	5525				721	721
5'-4" (64')	PRECAST	1393	1431	2050	2670	3293	3920	4549				505	505
5'-10" (70')	PRECAST	1272	1351	1930	2509	3084	3665	4247				418	418
6'-6" (78')	PRECAST	1141	1200	1733	2250	2769	3290	3812				707	887
7'-6" (90')	PRECAST	959	912	1415	1914	2394	2797	3240				591	657
9'-4" (112')	PRECAST	801	612	980	1269	1560	1852	2144				484	630
10'-6" (126')	PRECAST	716	498	783	1027	1261	1496	1731				396	493
11'-4" (136')	PRECAST	666	439	696	899	1104	1309	1515				363	556
12'-0" (144')	PRECAST	607	400	631	816	1021	1186	1372				340	494
13'-4" (160')	PRECAST	573	409	682	1004	1367	1631	1897				302	398
14'-0" (168')	PRECAST	458	316	493	635	778	922	1065				286	360
14'-8" (176')	PRESTRESSED	243	352	582	852	1156	1491	1742				NR	357
15'-4" (184')	PRESTRESSED	228	278	450	553	671	801	925				NR	327
17'-4" (208')	PRESTRESSED	188	319	542	791	1072	1381	1676				NR	295
19'-4" (232')	PRESTRESSED	165	276	449	670	890	1109	1328				NR	264
21'-4" (256')	PRESTRESSED	142	212	336	477	635	807	993				NR	172
22'-0" (264')	PRESTRESSED	130	180	268	343	418	493	568				NR	161
24'-0" (288')	PRESTRESSED	127	165	244	312	380	447	515				NR	135

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



TYPE DESIGNATION



MATERIALS

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

7. 1/32 wire per ASTM A510.
8. Mortar per ASTM C270 type M or S.

GENERAL NOTES

1. Provide full mortar head and bed joints.
2. Shore filled lintels as required.
3. Installation of lintel must comply with the architectural and/or structural drawings.
4. Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
5. All lintels meet or exceed L/360 vertical deflection, except lintels 17'-4" and longer with a nominal height of 8' meet or exceed L/180.
6. Bottom field added rebar to be located at the bottom of the lintel cavity.
7. 1/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
8. Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
9. Safe load ratings based on rational design analysis per ACI 318 and ACI 308.

SAFE LOAD TABLE NOTES

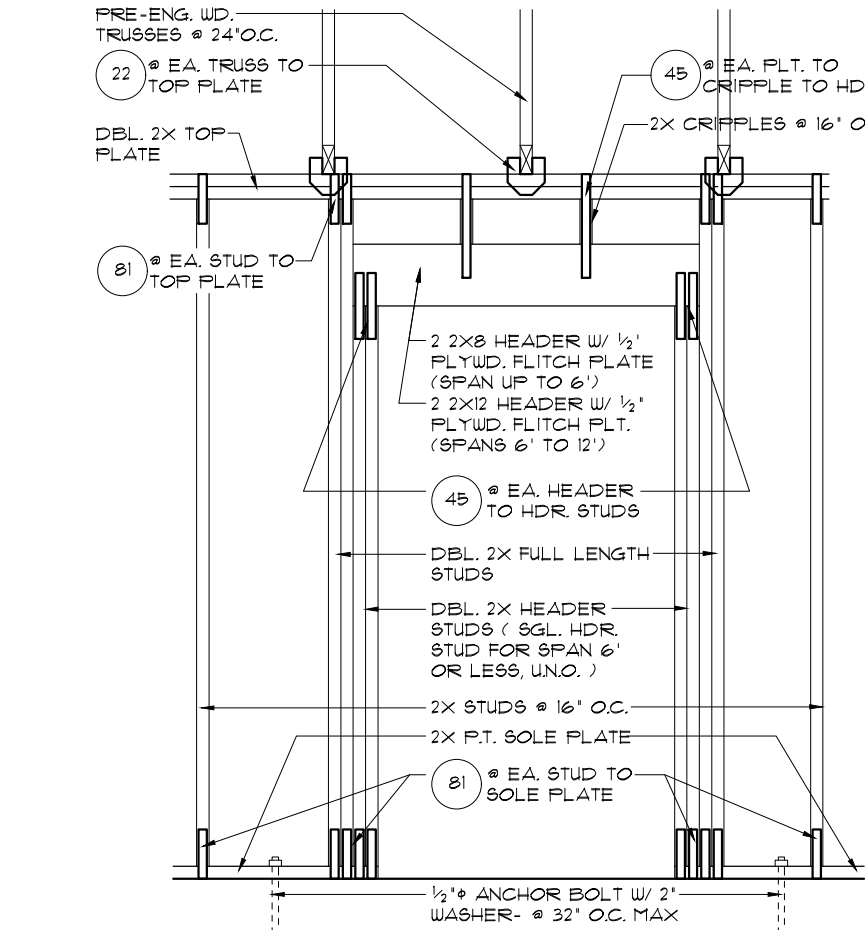
1. All values based on minimum 4" bearing. Exception: Safe loads for unfilled lintels must be reduced by 20% if bearing length is less than 6-1/2". Safe loads for all recessed lintels based on 8" nominal bearing.
2. N.R. = Not Rated.
3. Safe loads are total superimposed allowable load on the section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

		UPLIFT										LATERAL	
LENGTH	TYPE	8RF6-IT	8RF10-IT	8RF14-IT	8RF18-IT	8RF22-IT	8RF26-IT	8RF30-IT	8RF34-IT	8RF38-IT	8RF42-IT	8RL6	8RF6
4'-4" (52')	PRECAST	1244	1513	2413	3260	4112	4961	5815				332	332
4'-6" (54')	PRECAST	1192	1507	2339	3170	4008	4850	5696				303	303
5'-8" (68')	PRECAST	1182	1455	2240	3026	3837	4643	5455				501	501
5'-10" (70')	PRECAST	896	1138	1742	2352	2965	3581	4198				463	463
6'-8" (80')	PRECAST	718	882	1513	2042	2573	3107	3642				830	1000
7'-6" (90')	PRECAST	688	697	1325	1810	2280	2753	3227				710	941
9'-8" (116')	PRECAST	533	433	808	1123	1413	1704	1995				516	614

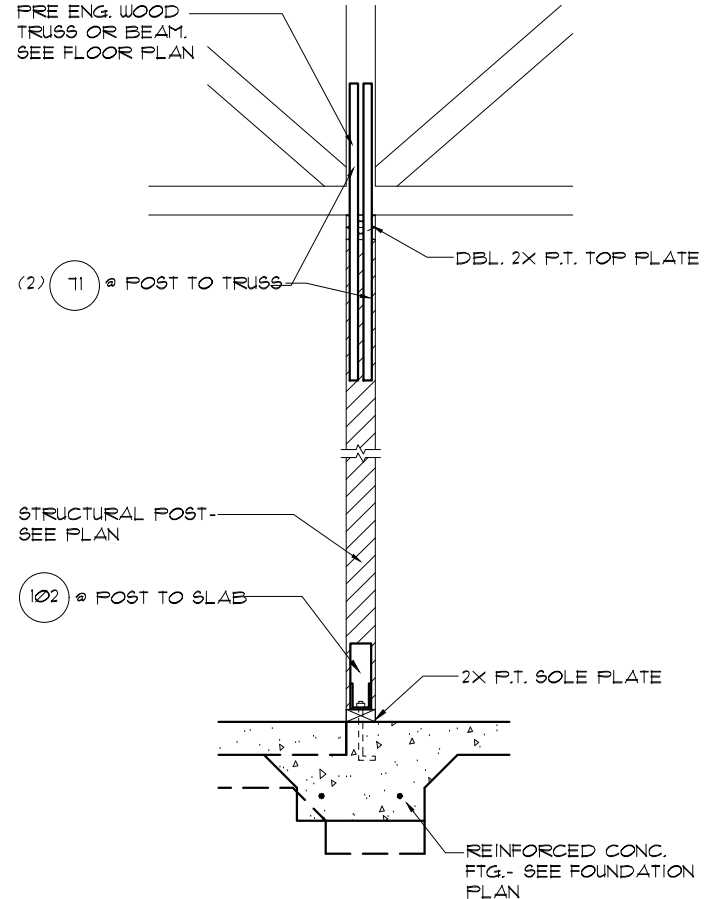
*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

CONNECTOR SCHEDULE

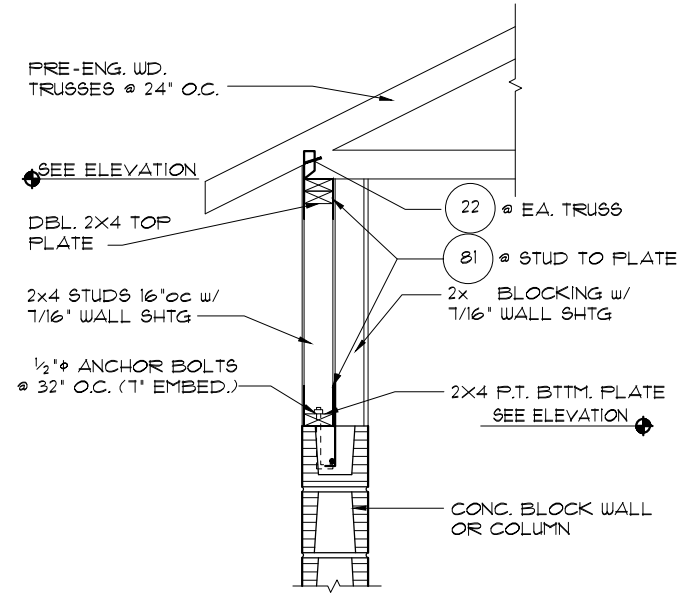
CONNECT. TYPE	SIMPSON		USP		MAX. UPLIFT	LAT. LDS. F1 / F2
	DESCRIPTION	FASTENERS PER CONNECTOR	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA20	14-10d x 1½"	ETA20	14-10d	1810	65 / 960
5	DETAL20	18-10d x 1½"	N/A	N/A	2480	2000 / 1370
20	H3	RFT: 4-8d / PLT: 4-8d	RT3	RFT: 4-8d / PLT: 4-8d	455	125 / 160
21	H1	RFT: 6-8dx1½" / PLT: 4-8d	RT15	RFT: 5-8dx1½" / PLT: 5-8d	475	485 / 165
22	H10S	RFT: 8-8d x 1 1/2" PLT: 8-8d x 1 1/2"	RT16	RFT: 8-8d x 1½" PLT: 8-8d	930	585/525
23	LUS26	HDR: 4-10d / JST: 4-10d	JUS26	HDR: 4-10d / JST: 4-10d	935	N/A
24	H7	RFT / TR5: 4-8d PLT / STD: 10-8d	RT20	RFT / TR5: 9-10d PLT / STD: 13-10d	985	400 / N/A
26	H25	RFT: 5-8d / PLT: 5-8d	RT1	RFT: 5-8d / PLT: 5-8d	415	150 / 150
34	A34	H: 4-8dx1½" / F: 4-8dx1½"	MP34	H: 4-8dx1½" / F: 4-8dx1½"	365	280 / 303
35	A35F	H: 4-8dx1½" / F: 4-8dx1½"	MPAIF	H: 6-8dx1½" / F: 6-8dx1½"	440	440 / N/A
37	MTS12	14-10d	MTW12	14-10d	1,000	N/A
38	MTS16	14-10d	MTW16	14-10d	1,000	N/A
39	MTSM16	BLK: (4) ¼"X2¼" T.C. TRUSS: (7) 10d	MTW16	BLK: (4) ¼"X2¼" T.C. TRUSS: (7) 10d	860	N/A
43	LSTA12	10-10d	LSTA12	10-10d	905	N/A
45	ST18	14-16d	ST18	14-16d	1,200	N/A
47	LSTA24	18-10d	LSTA24	18-10d	1,295	N/A
71	MSTA36	26-10d	MSTA36	26-10d	2,135	N/A
72	MSTC66	64-16d SINKERS	N/A	N/A	5,495	N/A
79	SF1	STD: 6-10d / PLT: 4-10d	SPT22	STD: 4-10d / PLT: 4-10d	535	560 / 260
80	SF2	STD: 6-10d / PLT: 6-10d	SPT224	STD: 6-10d / PLT: 6-10d	605	560 / 260
81	SPH468	12-10d x 1½"	TP4648	12-10d x 1½"	885	N/A
88	CB5Q88	12 SDS 1/4X2"	TP4648	12-10d x 1½"	3975	N/A
89	CB66	(2) ⅝" BOLTS	PA8X8	4-10d	2,300	985
90	ABU66	12-16d	PAU66	12-16d	2,240	N/A
91	CB5Q66	14 SDS 1/4X2"	PAU66	12-16d	3,190	N/A
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	HTS20	20-10d	HTW20	20-10d	1,450	N/A
96	HD8A	SILL: ⅛" BOLT STUD: (3) ⅛"X5½" BOLTS	HHD8A	SILL: ⅛" BOLT STUD: (3) ⅛"X5½" BOLTS	7,910	N/A
97	MTT28B	24-16d	MTS2TB	24-16d	4,455	N/A
99	A35	H: 4-8dx1½" / F: 4-8dx1½"	MPA1	H: 6-8dx1½" / F: 6-8dx1½"	440	440 / N/A
101	HTT4	⅝" BOLT / 18-16dx2½"	N/A	N/A	3,640	N/A
102	HTT5	⅝" BOLT / 26-10d	N/A	N/A	4,275	N/A
103	VGTR/L	32-SDS ¼"X3" / (2) ⅝" BLT	N/A	N/A	3,990	N/A
104	HDU8-SDS25	1/8" BLT / 20-SDS ¼"x2½"	N/A	N/A	5,020	N/A
110	HCP2	12-10d x 1½"	HHCP2	20-10d x 1½"	520	260 / N/A
167	HHUS46	H: 14-16d / J: 6-16d	THD46	H: 8-18d / J: 12-10d	1,550	N/A
168	U46	H: 8-10d / J: 4-10d	SU446	H: 8-16d / J: 4-16d	710	N/A
181	HUS26	20-16d	THD26	H: 20-16d / J: 10-10d	1,550	N/A
184	HUC28-2	H: 14-16d / J: 4-10d	N/A	N/A	1,085	N/A
212	HUC410	HD: 18-½"X1¾" LAG SCR. BM: 10-10d	N/A	N/A	1,810	N/A
214	HUC412	BLOCK: 10-¼"X1½" TC JOIST: 10-16d	HUS412	BLOCK: 10-¼"X1½" TC JOIST: 10-16d	1,835	N/A
215	HGU5210-2	HDR: 46-16d / JST: 10-16d	EHUH210-2	HDR: 40-16d / JST: 16-10d	2,720	N/A
216	HUC5412	BLOCK: 10-¼"X1½" TC JOIST: 10-16d	HUS412	BLOCK: 10-¼"X1½" TC JOIST: 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-¼"X1½" TC JOIST: 10-16d	HUS212-2	BLOCK: 10-¼"X1½" TC JOIST: 10-16d	2,630	N/A
219	MBHA412	H: 1-ATR¾X8 TOP 4 FACE JOIST: 18-10d	NFM35X12U	H: 1-½" J-BOLT J: 5-½" BOLTS	3,145	N/A
220	N/A	N/A	NFM 3X12	BLK: ½" ϕ J / JST: 14-10d	1,620	N/A
226	MBHA4.75/12	HDR : (2) ¾" ϕ x 8" JOIST : 18-10d	NFM45U	HDR : MIN. ½" ϕ "J" BOLT JOIST : (5) ½" ϕ BOLTS	2,160	N/A
231	MBHA356/16	HDR : (2) ¾" ϕ x 8" JOIST : 18-10d	NFM35X16U	HDR : MIN. ½" ϕ x J-BOLTS JOIST : (5) ½" ϕ BOLTS	3,450	N/A
232	MBHA550/16	HDR : (2) ¾" ϕ x 8" JOIST : 18-10d	NFM55X16U	HDR : MIN. ½" ϕ x J-BOLTS JOIST : (5) ½" ϕ BOLTS	3,450	N/A
240	H15	R: 4-10dx1½" / F: 4-10dx1½"	N/A	N/A	1,300	480 / N/A
241	LGT2	30-16d-sinker	LUGT2	32-10d	2,000	1015 / 440
301	MGT	(1) ¾" BLTS / GIR: 22-10d	N/A	N/A	3,965	N/A
302	HGT-2 or 3	LTL: ¾" BLTS / GIR: 8-10d	USC63	LTL: ¾" BLTS / GIR: 8-16d	6,485	N/A
303	HGT-4	LTL: ¾" BLTS / GIR: 16-10d	N/A	N/A	9,250	N/A
305	FGTR (2-PLY)	TRUSS: 36 SDS ½"X3" WALL: (4) ½"X5" TITEN HD	N/A	N/A	9,400	N/A
401	SUR/L414	FACE: 18-16d / JST: 8-16d	N/A	N/A	1,700	N/A
T	CONNECTORS TO BE SPECIFIED AND PROVIDED BY TRUSS MANUFACTURERS					



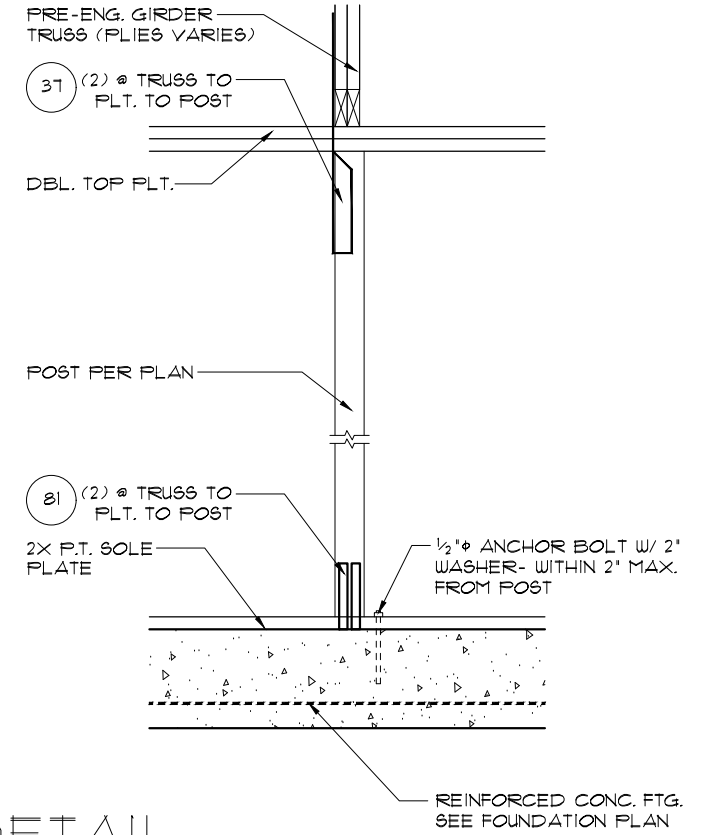
3 DETAIL (BRG. W/ UPLIFT)
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



1 DETAIL (BEARING POST W/ HIGH UPLIFT)
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



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



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

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

LOT: 0000, COMMUNITY

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TYPICAL DETAILS / CONNECTOR SCHEDULE	
1647 PROSPER THRIVE SERIES	DATE 06-01-22 SCALE AS NOTED DRAWN RDC JOB 1647 SHEET 11 OF SHEETS