

1647
PROSPER
30' THRIVE
30' X 75'

SHEET INDEX:

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- 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
- D7 TYPICAL STRUCTURAL DETAILS

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- 04C.0 EXTERIOR ELEVATIONS- FRONT/ REAR "C"
- 05C.0 EXTERIOR ELEVATIONS- LEFT/ RIGHT "C"
- 06 CROSS SECTION AND INTERIOR ELEVATIONS
- 07.0 ELECTRICAL PLAN A,B,C
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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

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1647 PROSPER
THRIVE SERIES

COVER SHEET

DATE06-01-22

SCALEAS NOTED

DRAWNRDC

JOB1647

SHEET00

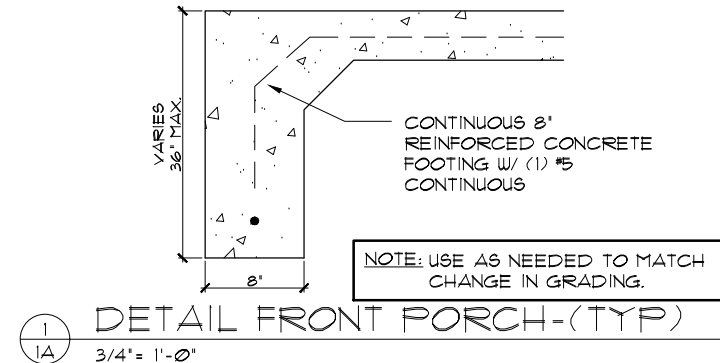
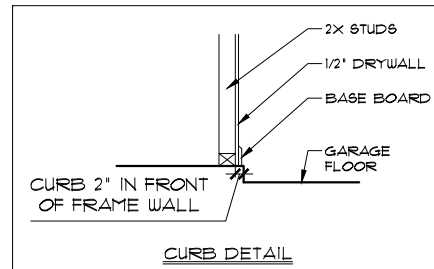
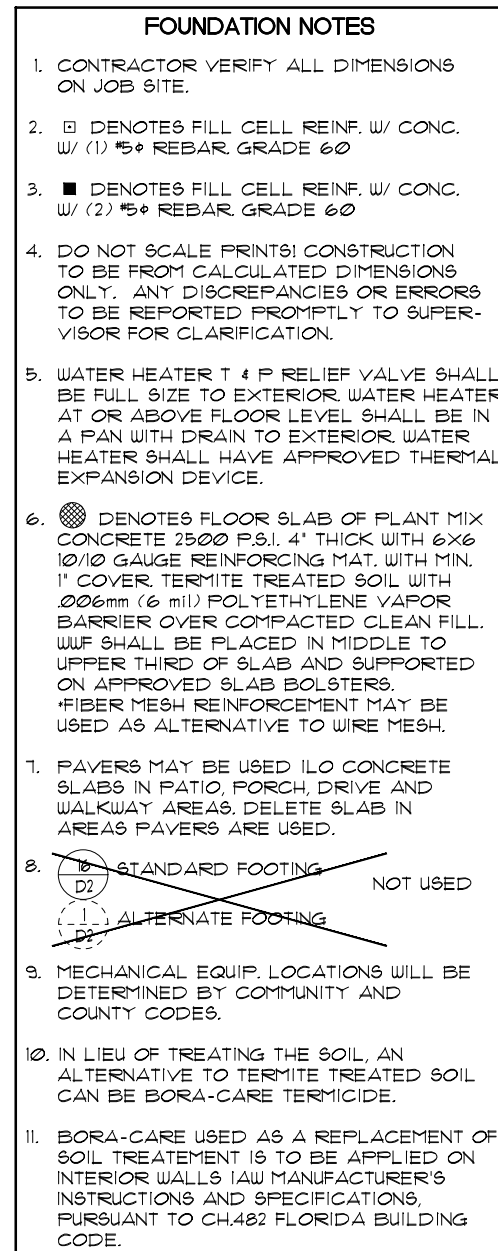
OF SHEETS

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FOOTING PAD SCHEDULE

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

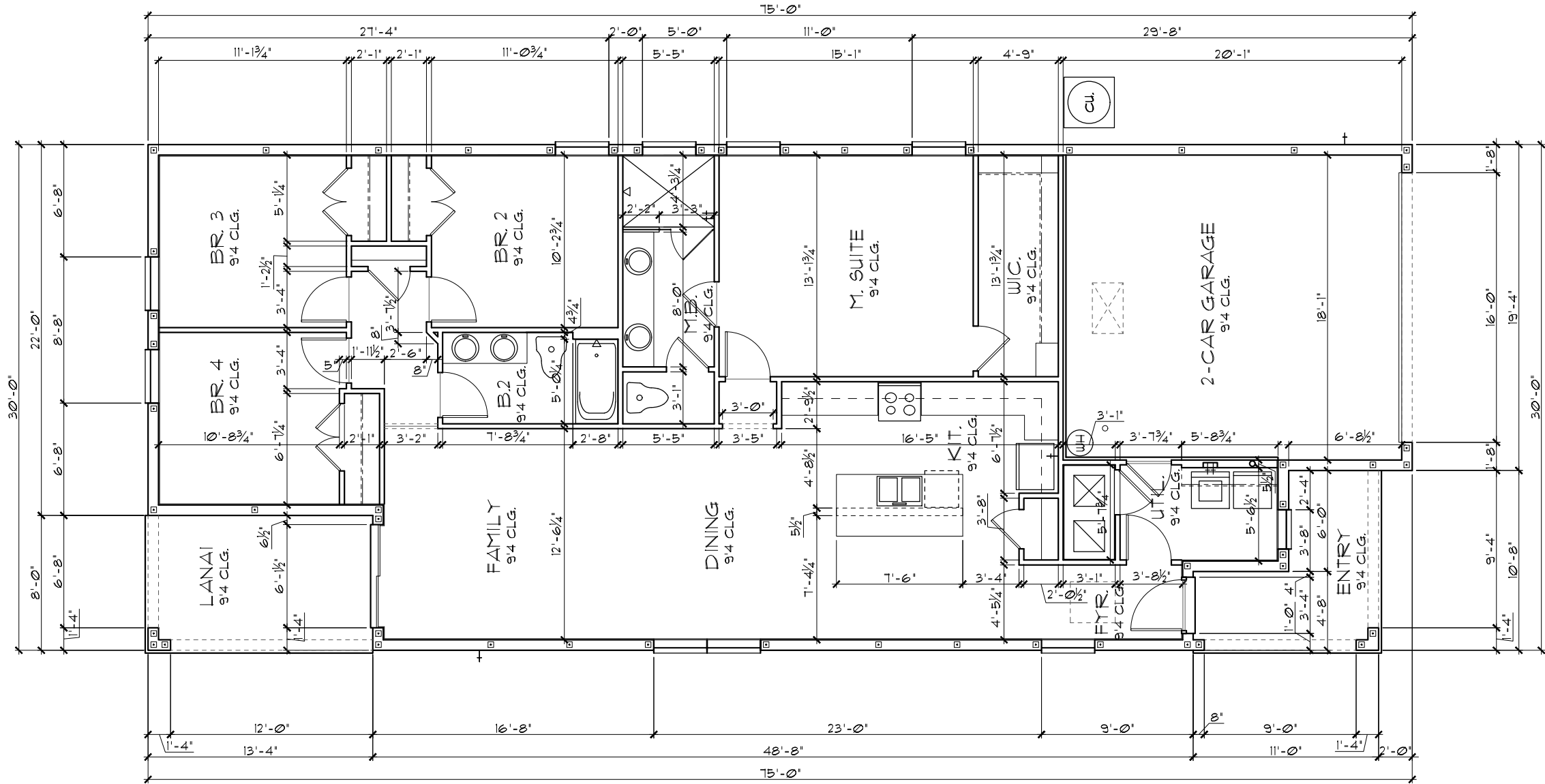
TABULATION	
TOTAL LIVING-----	1,641 SF.
GARAGE-----	392 SF.
ENTRY-----	83 SF.
LANAI-----	107 SF.
TOTAL UNDER ROOF-----	2,229 SF.

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)



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OF

02.0
SHEETS

SHEET

JOB

1647

DRAWN

RDC

SCALE

AS NOTED

DATE

06-01-22

1647 PROSPER

FLOOR PLAN W/ DIMENSIONS

Park Square
HOMES

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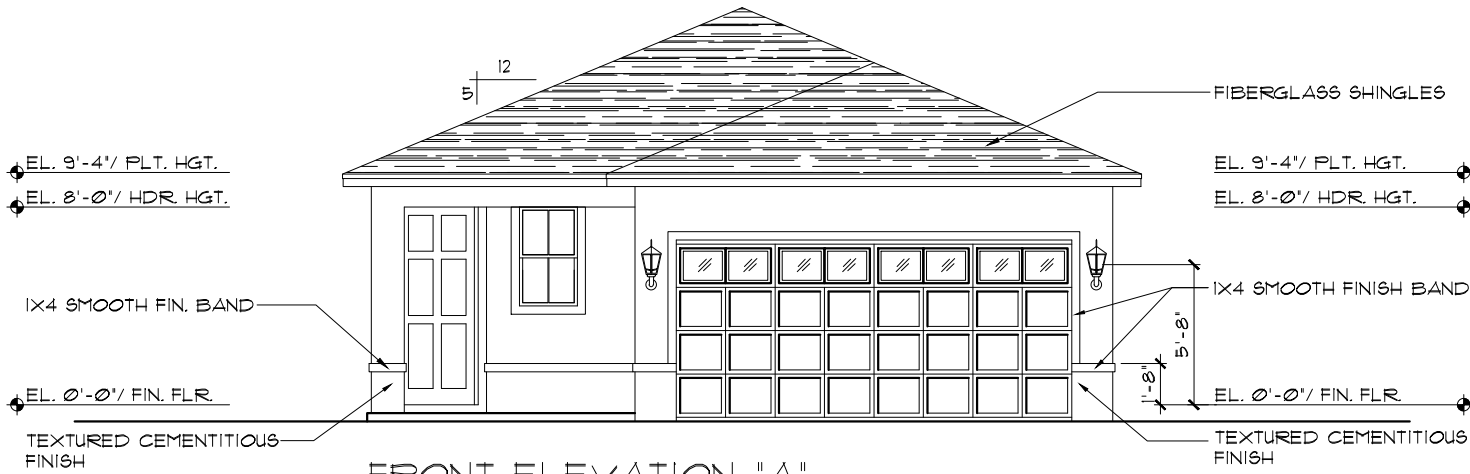
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REVISIONS	BY

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"

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

THRIVE PRODUCT

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Park Square HOMES

EXTERIOR ELEVATION
FRONT AND REAR

1647 PROSPER
THRIVE SERIES

DATE 06-01-2006

SCALE AS NOTE

DRAW RD

JOB	164
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SHEET 2 OF 2

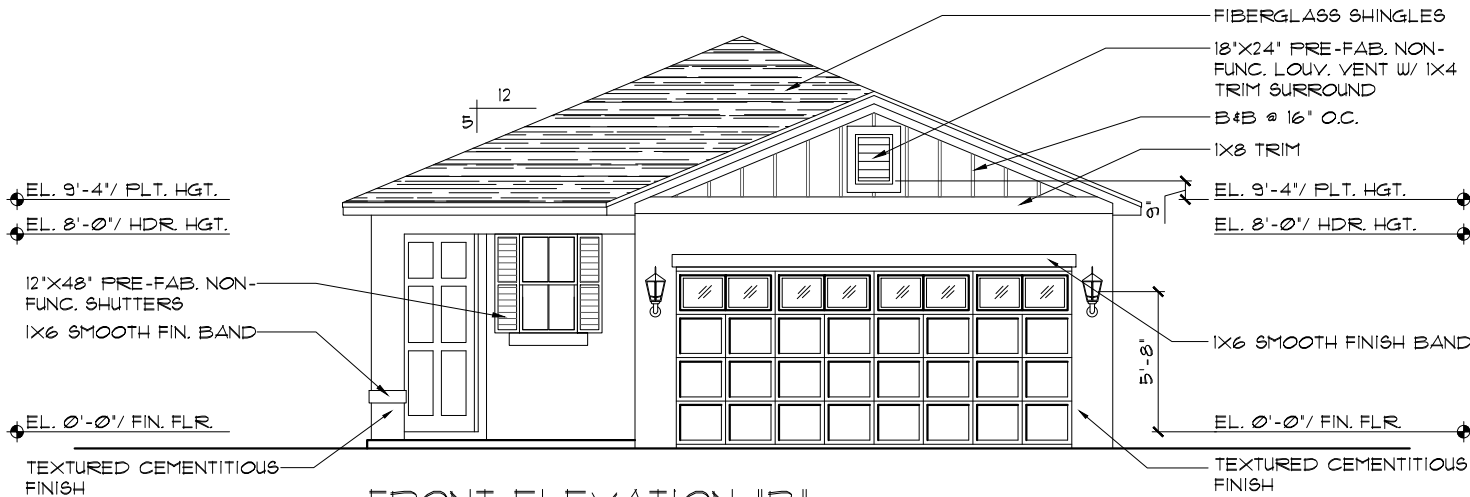
04A.C
OF SHEET

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EXTERIOR ELEVATION
FRONT AND REAR

1647 PROSPER
THRIVE SERIES

DATE 06-01-

SCALE AS NOTE

DRAWN RD

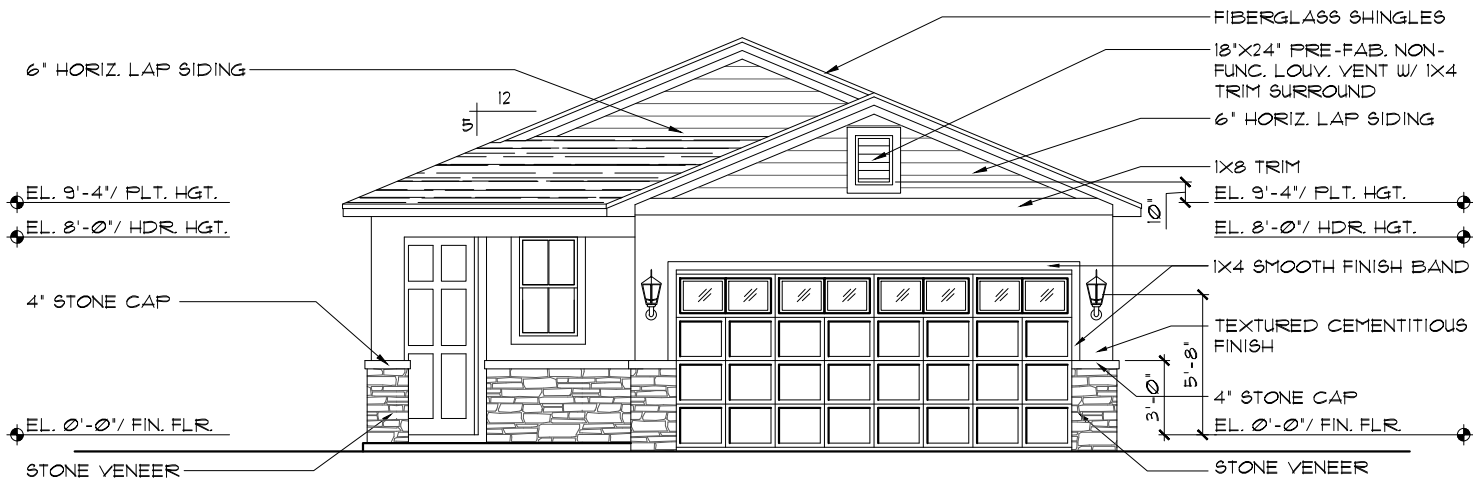
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SHEET

04B.C
OF SHEET

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FRONT ELEVATION "C"

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REAR ELEVATION "C"

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EXTERIOR ELEVATION
FRONT AND REAR

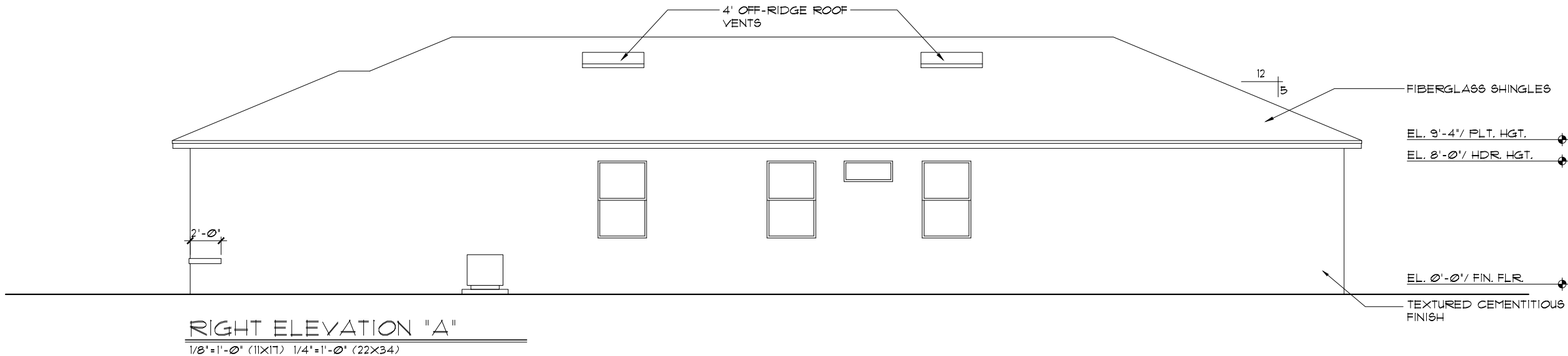
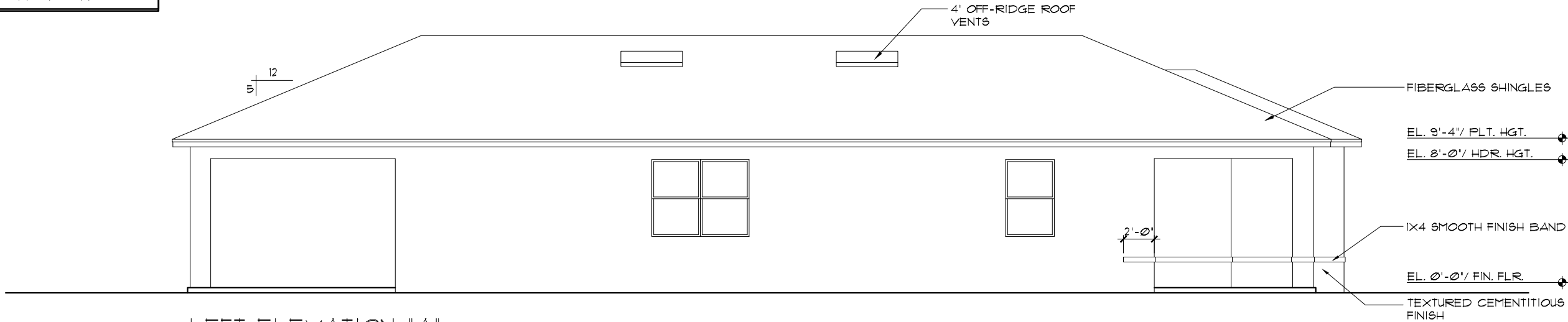
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DATE	06-01-22
SCALE	AS NOTED
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JOB	1647
SHEET	04C.0
OF	04C.0
SHEETS	04C.0

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THRIVE SERIES

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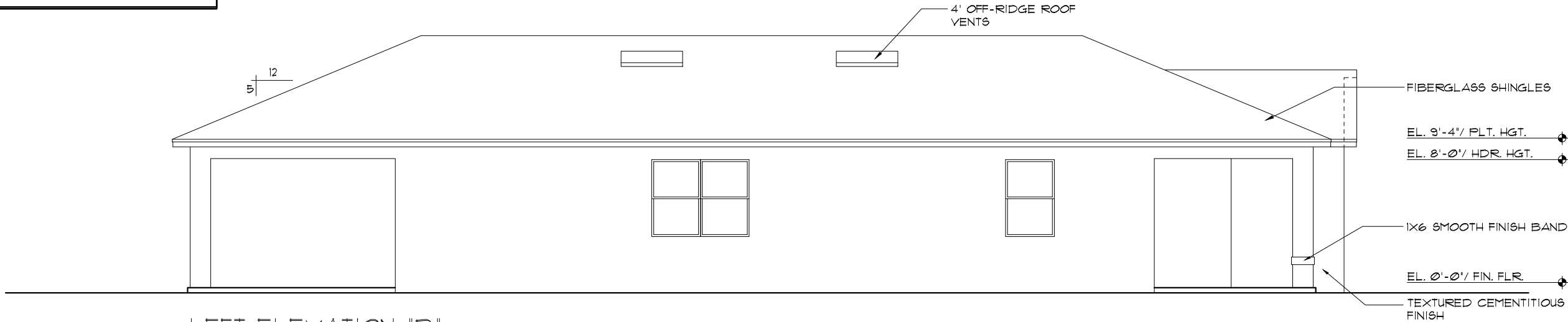
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DRAWN RDC	
JOB 1647	
SHEET 05A.0	
OF SHEETS	

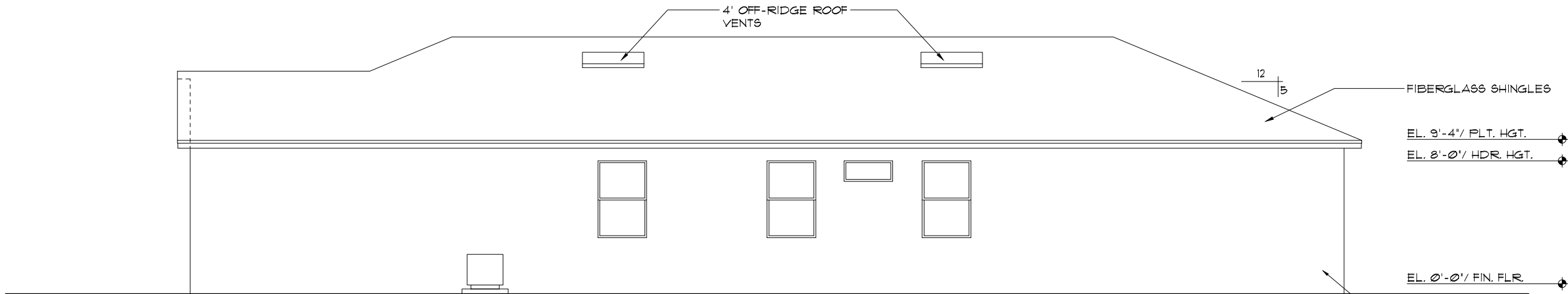
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LEFT ELEVATION "B"

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



RIGHT ELEVATION "B"

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

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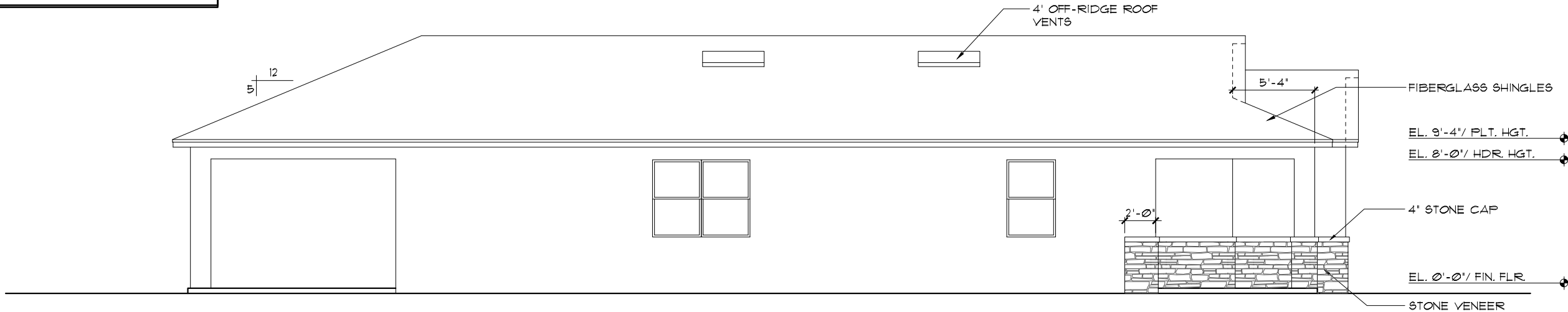
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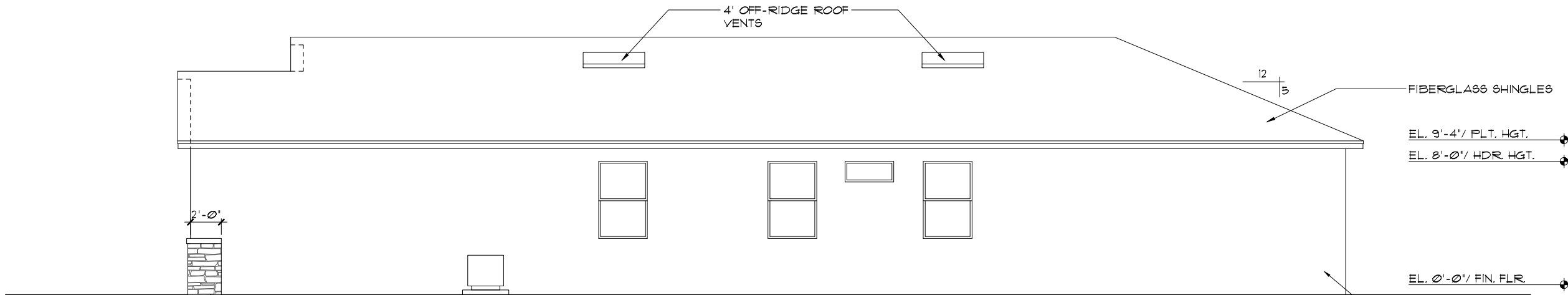
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RIGHT ELEVATION "C"

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DRAWN RDC

JOB 1647

SHEET

05C.0

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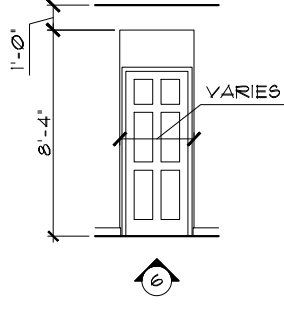
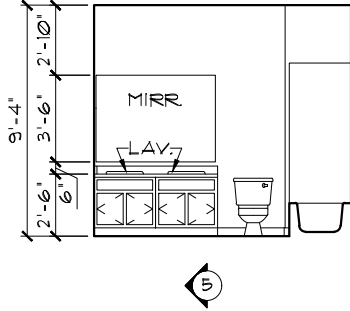
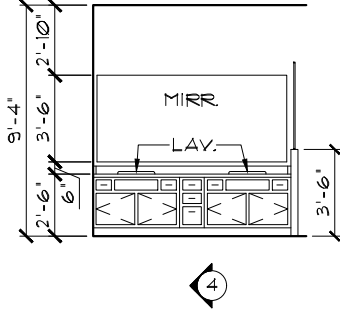
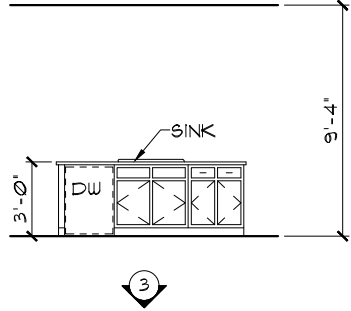
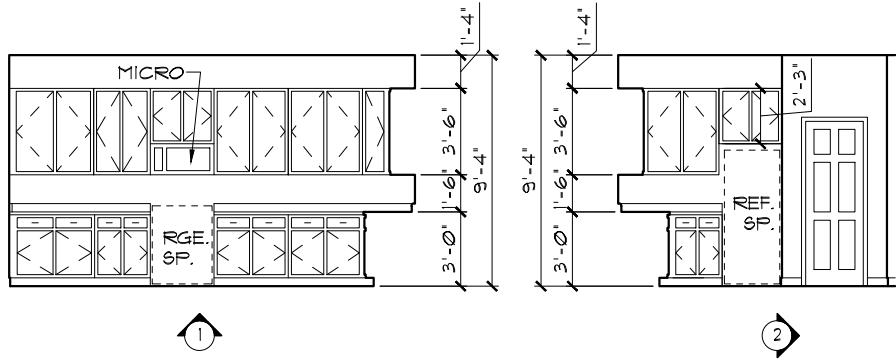
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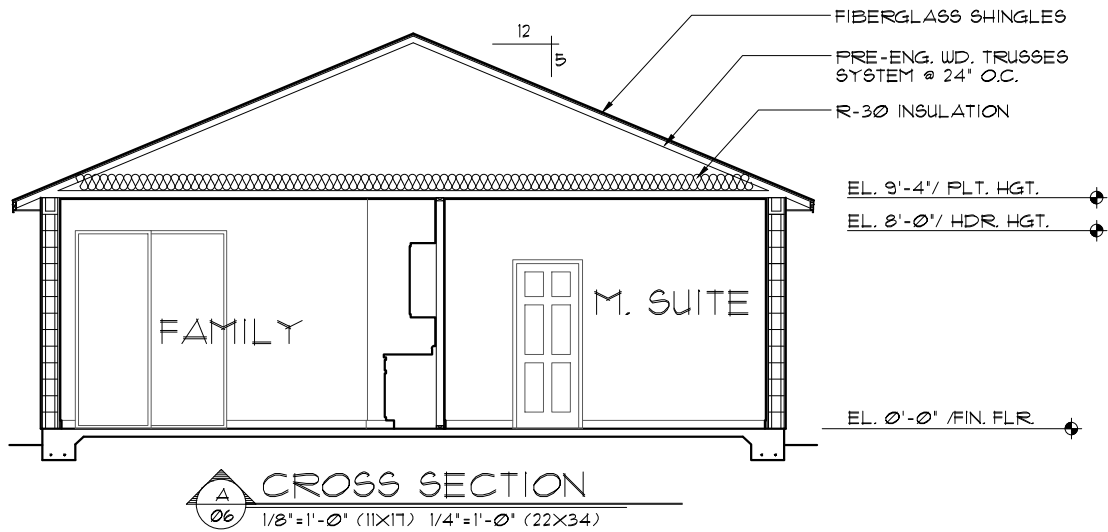
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INTERIOR ELEVATIONS

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

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



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1647 PROSPER	CROSS SECTION / INTERIOR ELEVATIONS	A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529 - 3000
DATE 06-01-22	REVISIONS	BY
SCALE AS NOTED		
DRAWN RDC		
JOB 1647		
SHEET 06		
OF SHEETS		

THRIVE ENGINEERING GROUP, INC. 10000 W. BAYHILL AVENUE, SUITE 400 P.O. BOX 734-140 P.O. BOX 734-140 ORLANDO, FLORIDA 32811 TEL: (407) 734-1400 FAX: (407) 734-1730 WWW.HGI.COM	REVISIONS	BY

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

A) CHAPTER 13 OF THE FBC-R 2023 8TH
SECTION M1305.1

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.

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

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

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

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

12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFP70-NEC2020 - ARTICLE 210-52



NOTE: N.T.S.
ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 25052(A)1) TO (6), LOCAL CODES, AND THE LOCAL POWER COMPANY.

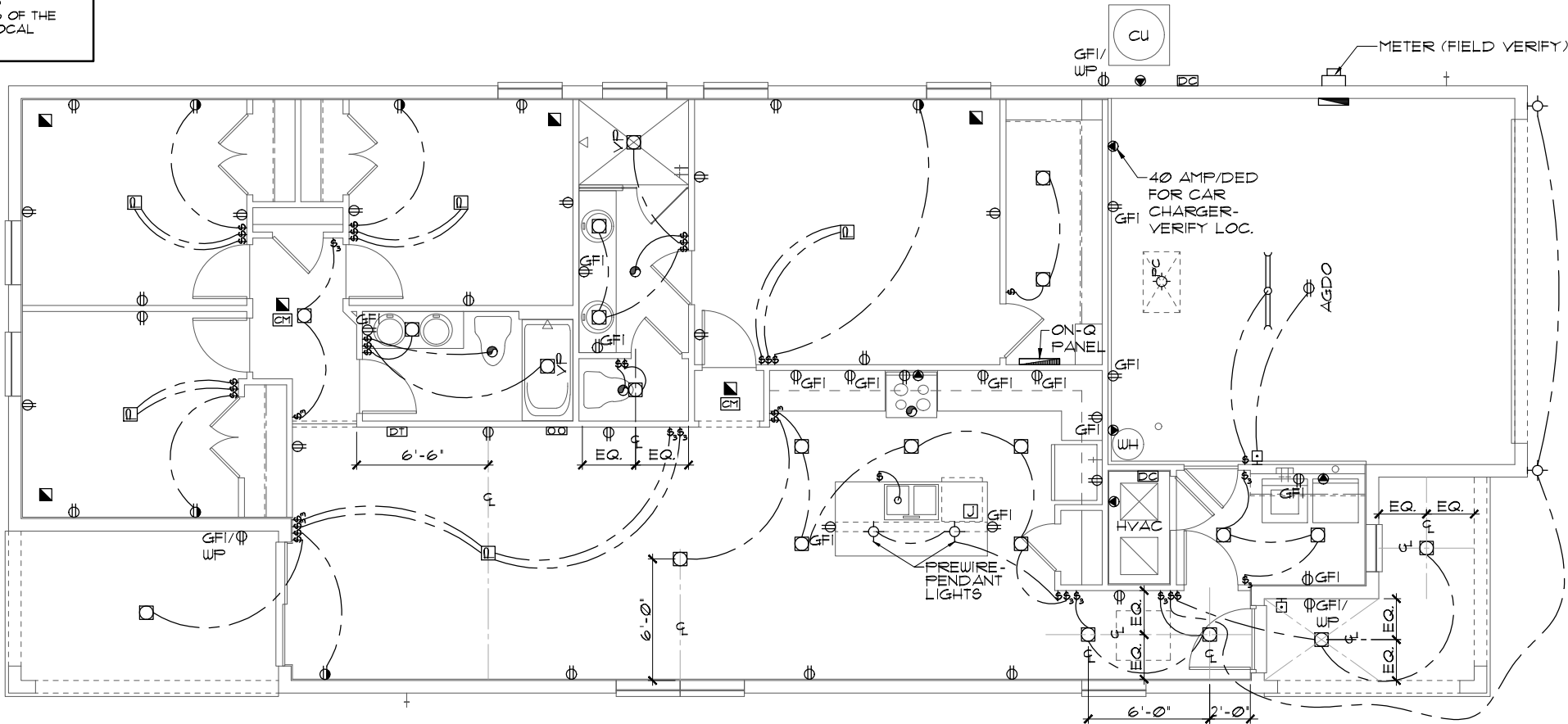
250.52(AX3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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.

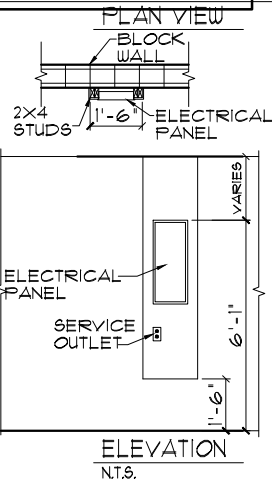
Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings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

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

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
	SPECIAL 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



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. P280.17

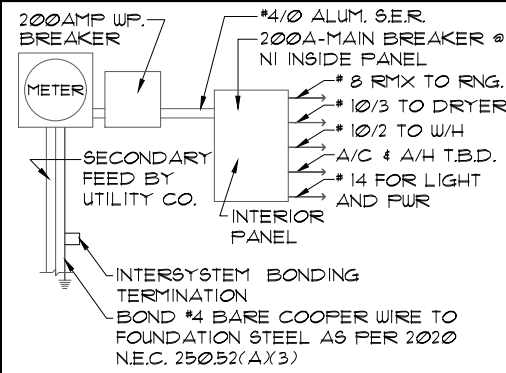
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.

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
N.T.S.

NOTE:
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.

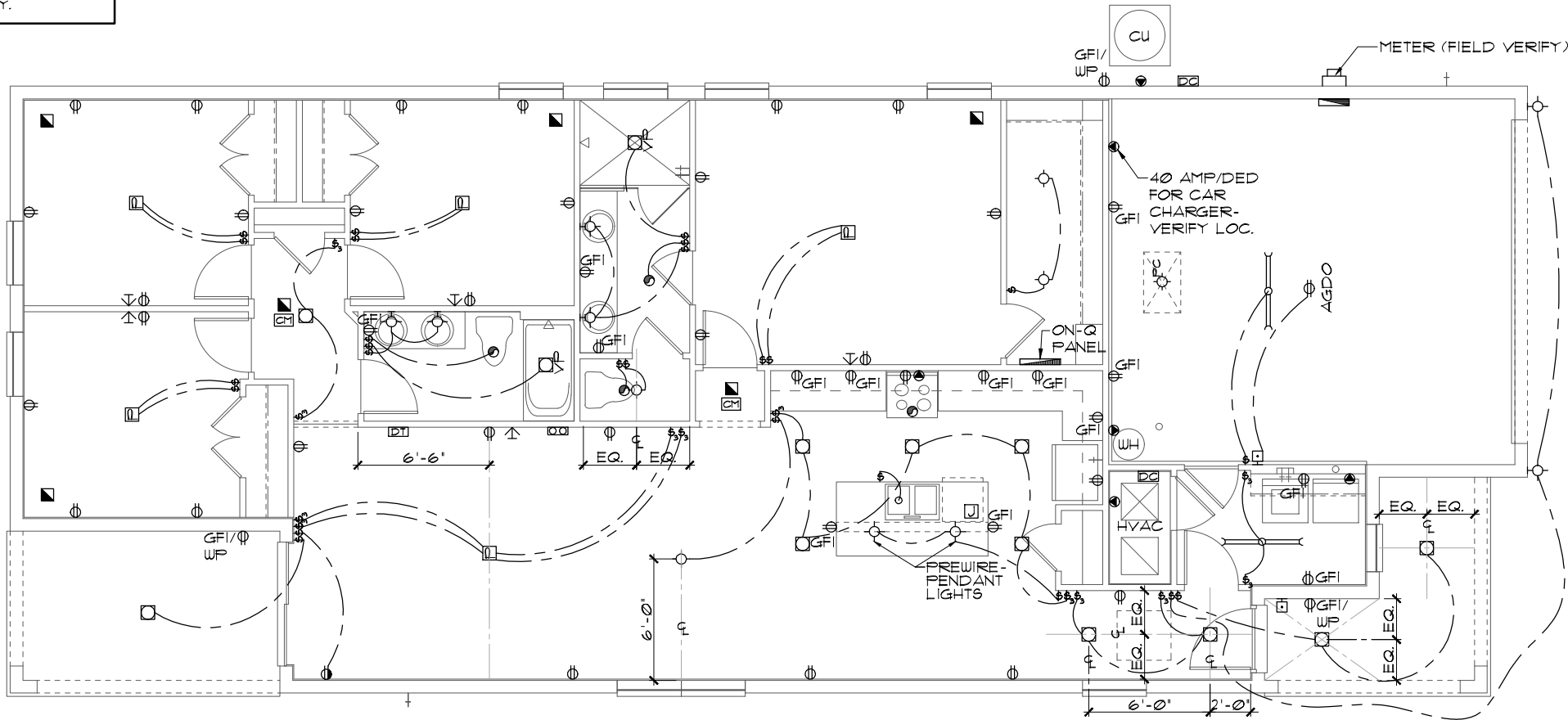
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Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

There are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than 1/2 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.

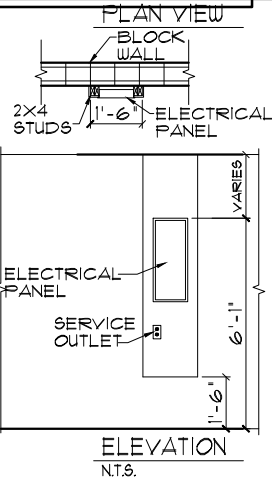


ELECTRICAL PLAN A,B,C

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
EXIT	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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1647 PROSPER
THRIVE SERIES

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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WWW.RDC.COM

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

Park Square HOMES

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1647
SHEET	07.0
OF	SHEETS

ATTIC VENTILATION CALCULATIONS

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

THE MINIMUM NET VENTILATION AREA SHALL BE 1/300 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.)

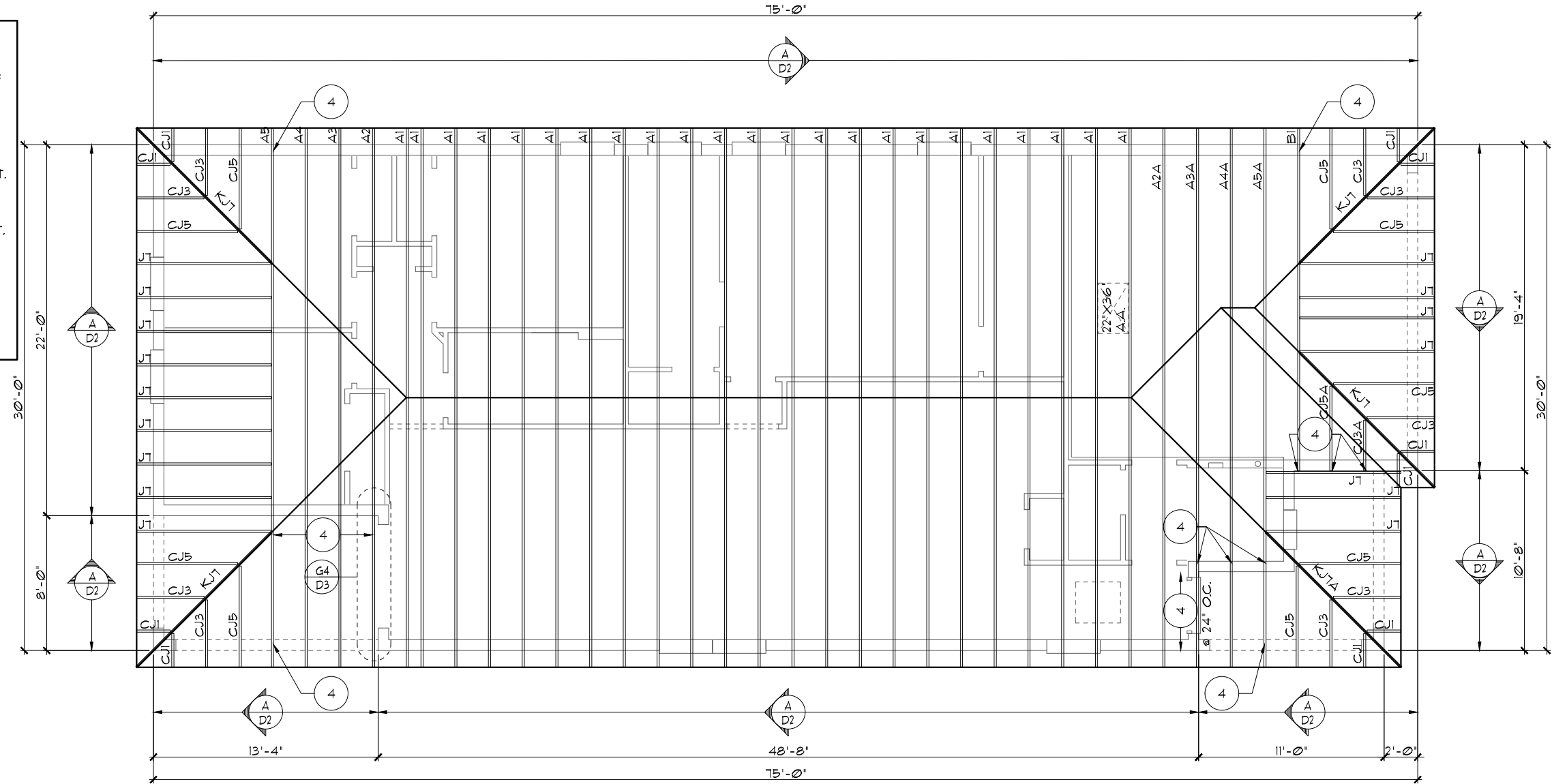
UPPER PORTION PERCENTAGE: $\underline{46\%}$
LOWER PORTION PERCENTAGE: $\underline{54\%}$

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 BC61.1.
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 R905.1.1 - 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 R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
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 R905.1.1

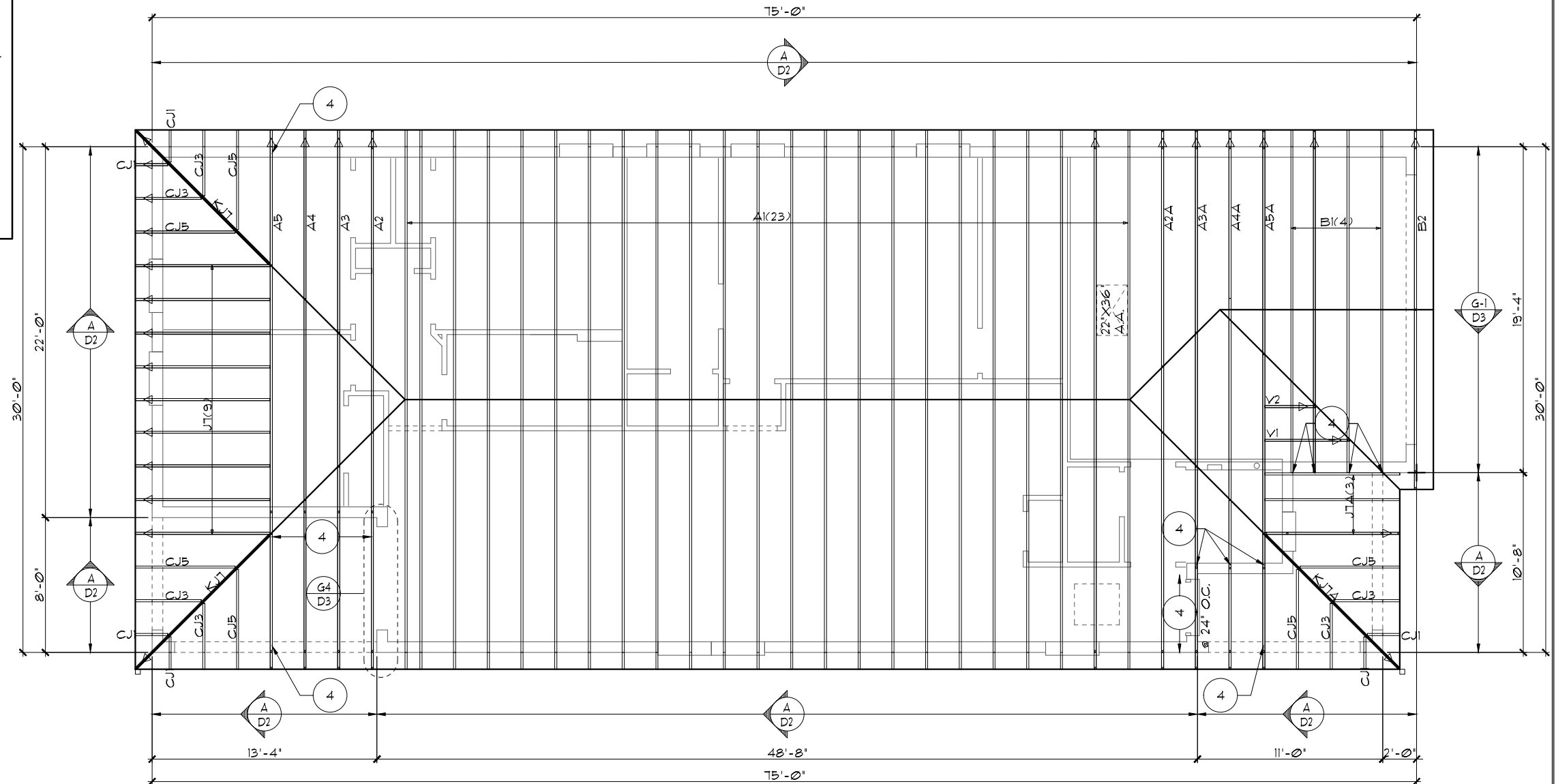
TRUSS LAYOUT "A"

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



UPPER PORTION PERCENTAGE:	<u>46%</u>
LOWER PORTION PERCENTAGE:	<u>54%</u>

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)

THIS PAGE IS DESIGNED TO WILLIAMS HILL AND THE FLORIDA BUILDING CODE REVISIONS FOR THE YEAR 2023 OF THE FLORIDA BUILDING CODE REVISIONS FOR THE YEAR 2023

107:0000, COMMUNITY

OF SHEETS

1647 PROSPER

THRIVE SERIES

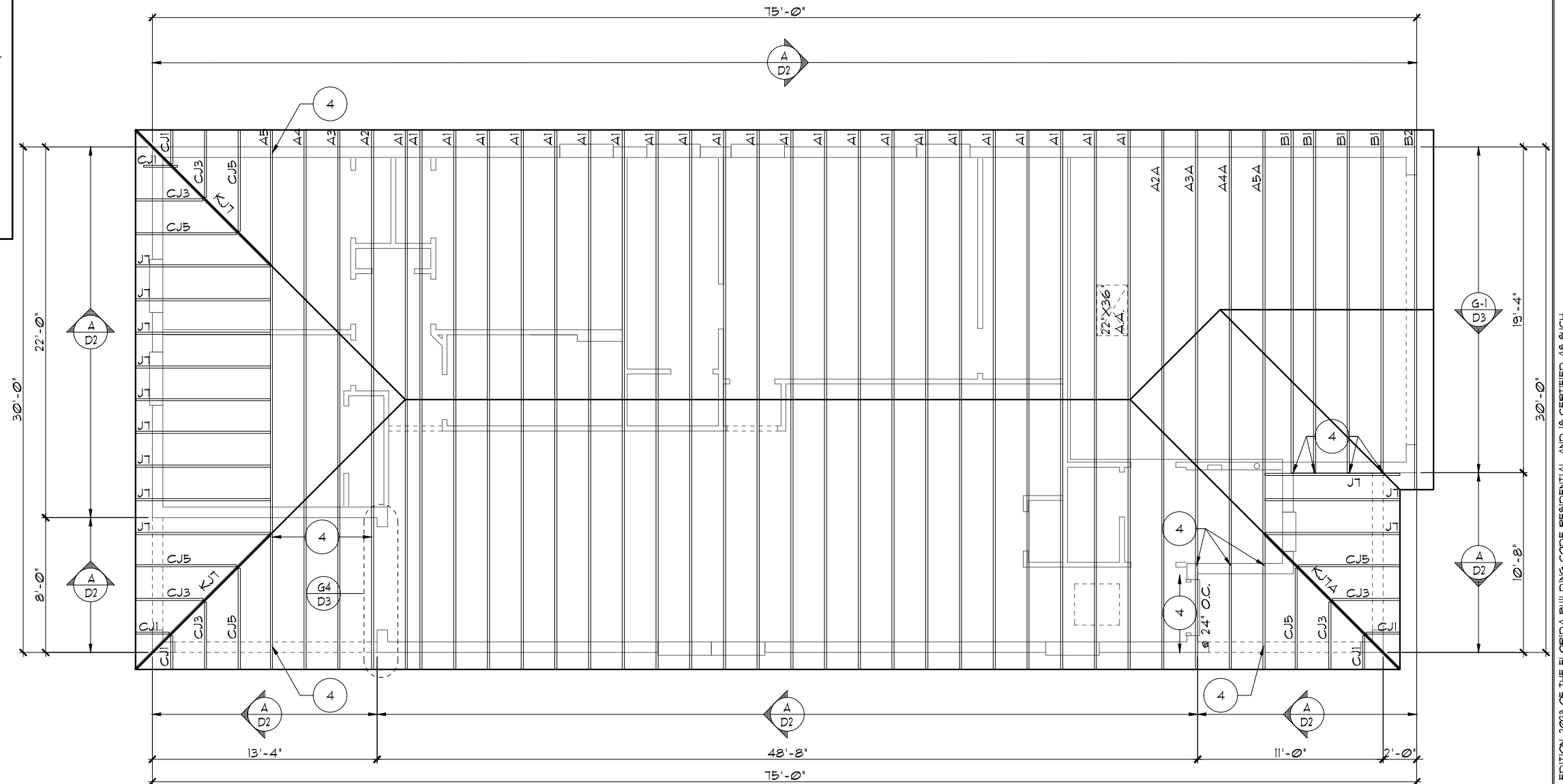
TRUSS LAYOUT

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

REVISIONS	BY
 THOMPSON ENGINEERING GROUP, INC. 14401 Vineland Road Suite A6 Orlando, FL 32811 Ph: (407) 734-1450 Fax: (407) 734-1790 www.tegfl.com	

UPPER PORTION PERCENTAGE:	<u>46%</u>
LOWER PORTION PERCENTAGE:	<u>54%</u>

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


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

NOTHING BUT THE BEST FOR THE FUTURE

107:0000, COMMUNITY

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OF SHEETS

1647 PROSPER

THRIVE SERIES

THE LANCET

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

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 THOMPSON ENGINEERING GROUP, INC. 1401 Vineland Road Suite A6 Orlando, FL 32811 Ph: (407) 734-1450 Fax: (407) 734-1790 www.wegfl.com	

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:

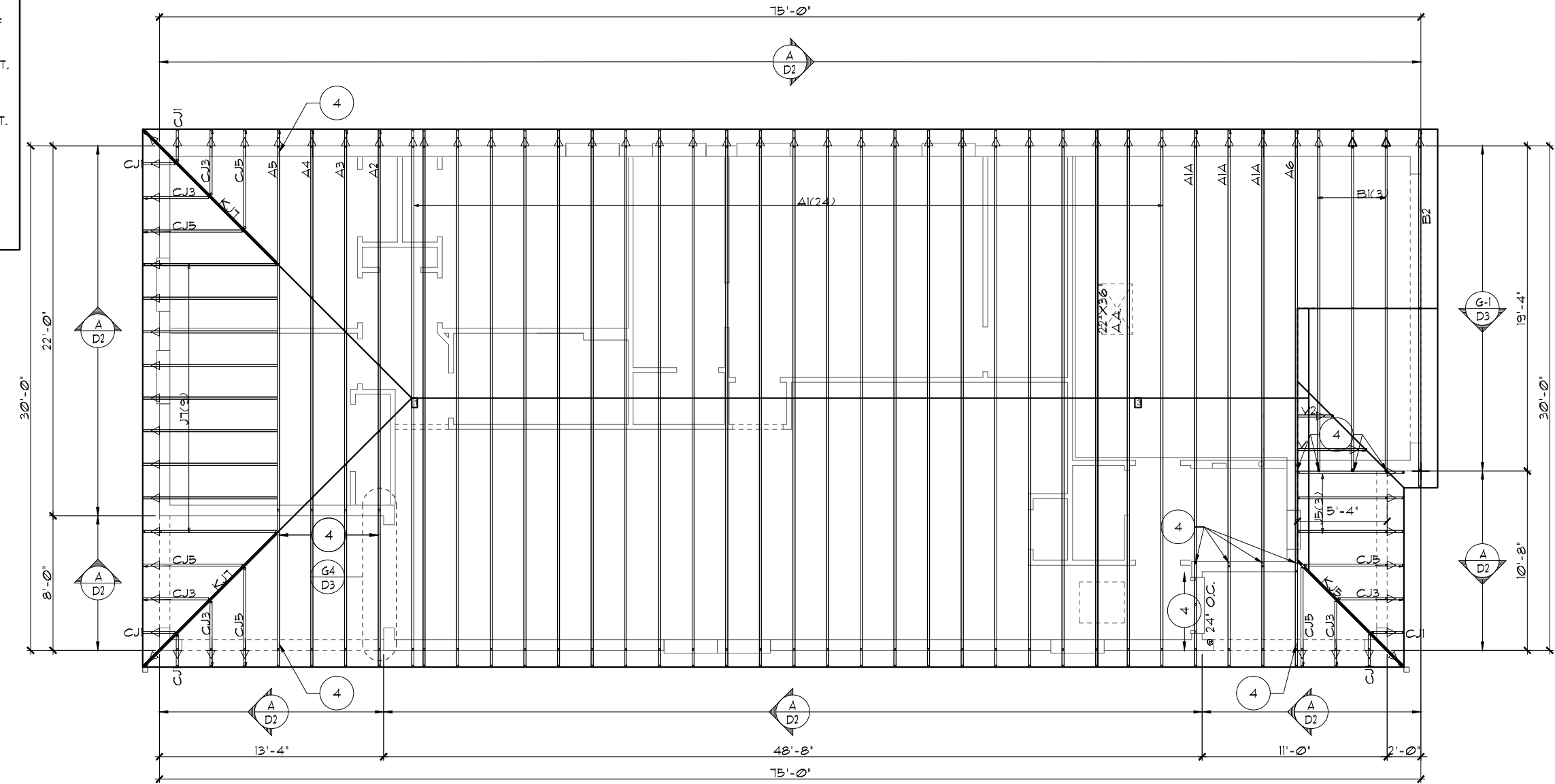
TOTAL VENTED SPACE: $\frac{2,228\text{S.F.}}{300} = \underline{7,43\text{S.F.}}$ NET FREE VENT. REQUIRED

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

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

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 R905.1.1 - 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 R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
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 R905.1.1.1



TRUSS LAYOUT "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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Phone: (407) 529 - 3000

Park Square
HOMES

TRUSS LAYOUT

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DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1647
SHEET	08C.0
OF	10 SHEETS

ATTIC VENTILATION CALCULATIONS

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

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

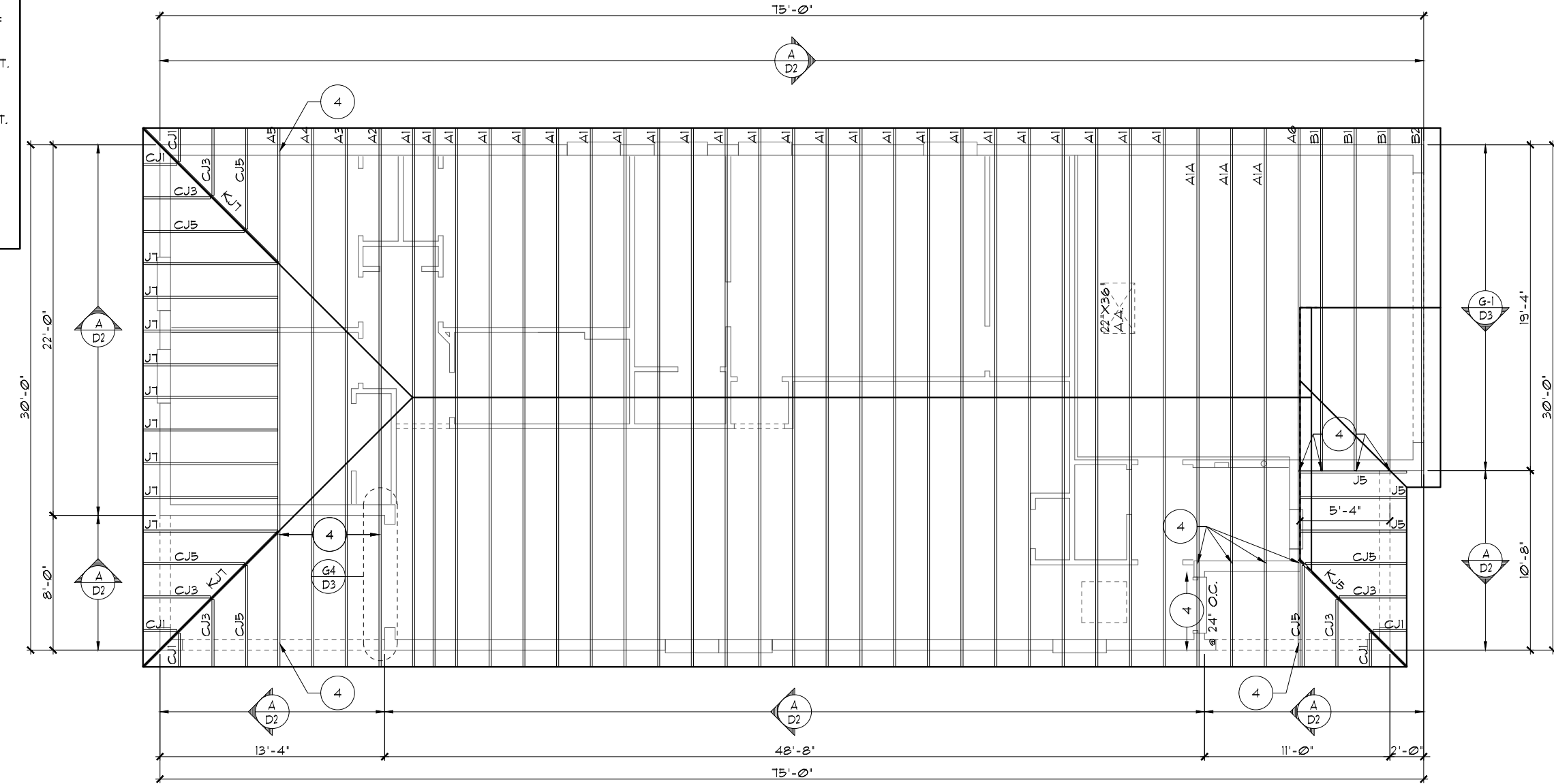
TOTAL VENTED SPACE: $\frac{2,288\text{F.}}{300} = \underline{7,438\text{F.}}$ NET FREE VENT. REQUIRED

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: $\frac{46\%}{54\%}$
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 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 or 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

DATE 06-01-22

SCALE AS NOTED

DRAWN RDC

JOB 1647

SHEET

08C.0

OF

SHEETS

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DATE 06-01-22

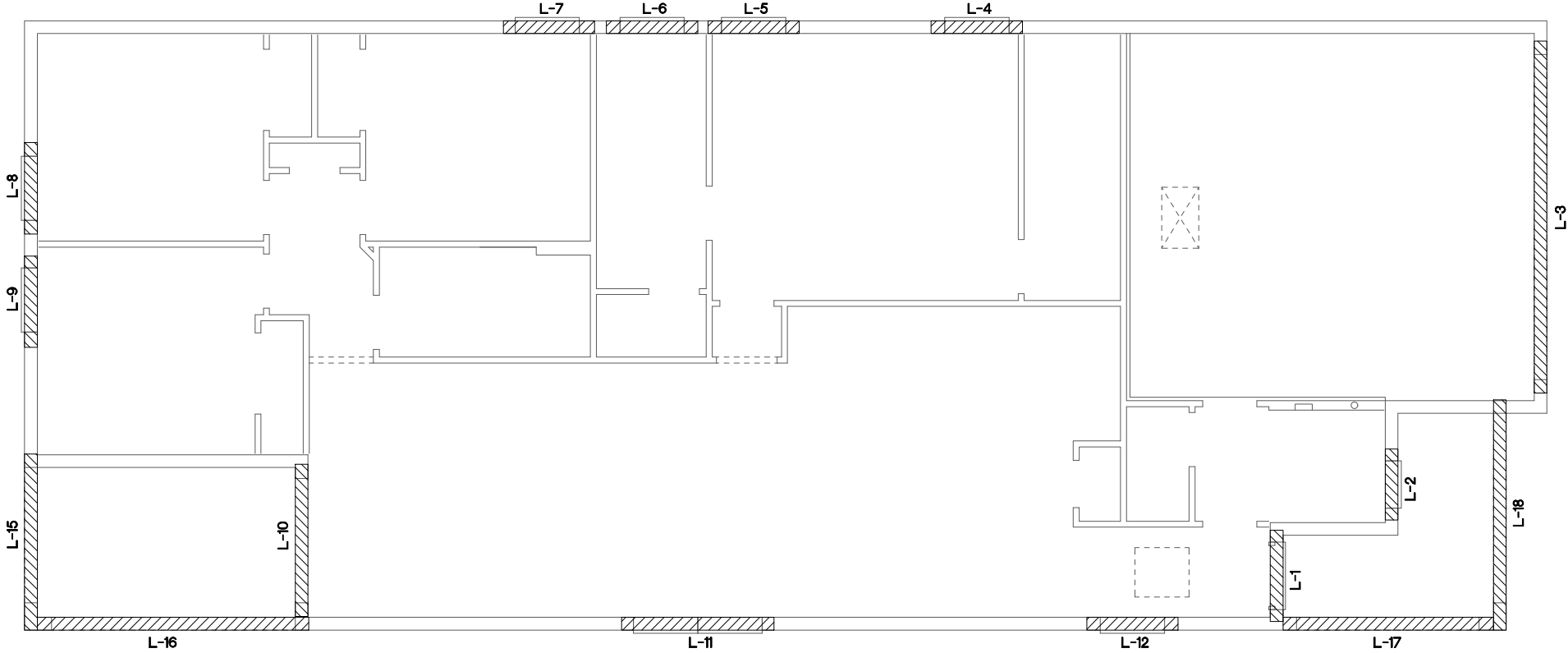
SCALE AS NOTED

DRAWN RDC

JOB 1647

SHEET

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

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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REVISIONS		BY
1647 PROSPER THRIVE SERIES DATE 06-01-22 SCALE AS NOTED DRAWN RDC JOB 1647 SHEET 09.0 OF SHEETS		
PRE CAST LINTEL LAYOUT THRIVE PRODUCT A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529 - 3000 1647 PROSPER THRIVE SERIES DATE 06-01-22 SCALE AS NOTED DRAWN RDC JOB 1647 SHEET 09.0 OF SHEETS		
1647 PROSPER THRIVE SERIES DATE 06-01-22 SCALE AS NOTED DRAWN RDC JOB 1647 SHEET 09.0 OF SHEETS		
1647 PROSPER THRIVE SERIES DATE 06-01-22 SCALE AS NOTED DRAWN RDC JOB 1647 SHEET 09.0 OF SHEETS		

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS												
GRAVITY												
LENGTH \ TYPE	TYPE	8U8	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B	8F12-0B	8F16-0B	8F20-0B
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	1000	1059	1474	1889	2304	2721	3137			
6'-6" (78')	PRECAST	931	1255	2101	3396	5260	7134	8995	10850			
7'-6" (90')	PRECAST	761	1029	1679	2610	3899	5596	7293	8990			
9'-4" (112')	PRECAST	573	632	1049	1469	2100	2731	3362	3993			
10'-6" (126')	PRECAST	456	482	802	1125	155	2182	2813	3444			
11'-4" (136')	PRECAST	448	598	935	1365	1894	2395	2896	3397			
12'-0" (144')	PRECAST	414	545	864	1254	1699	2194	2695	3196			
13'-4" (160')	PRECAST	362	485	748	1076	1438	1855	2243	2630			
14'-0" (168')	PRECAST	338	381	648	919	1190	1462	1801	2160			
14'-8" (176')	PRESTRESSED	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R			
15'-4" (184')	PRESTRESSED	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R			
17'-4" (208')	PRESTRESSED	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R			
19'-4" (232')	PRESTRESSED	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R			
21'-4" (256')	PRESTRESSED	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R			
22'-0" (264')	PRESTRESSED	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R			
24'-0" (288')	PRESTRESSED	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R			

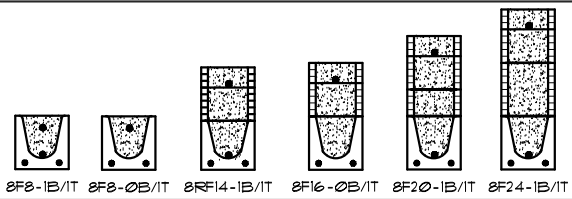
8" PRECAST W/ 2" RECESS DOOR U-LINTELS

GRAVITY												
LENGTH \ TYPE	TYPE	8U6	8F6-0B	8F10-0B	8F14-0B	8F18-0B	8F22-0B	8F26-0B	8F30-0B	8F10-0B	8F14-0B	8F18-0B
4'-4" (52')	PRECAST	1489	1591	3203	2382	3954	4929	5904	6880			
4'-6" (54')	PRECAST	1351	1821	3412	4982	6472	7947	9416	10818			
5'-8" (68')	PRECAST	785	1449	2182	2714	3600	4481	5375	6264			
5'-10" (70')	PRECAST	735	1102	3412	4982	6472	7947	9416	10818			
6'-8" (80')	PRECAST	822	832	1602	1550	2058	2566	3075	3585			
7'-6" (90')	PRECAST	665	1153	2162	4074	6472	6516	5840	6839			
9'-8" (116')	PRECAST	371	1103	2051	3811	6472	6516	5490	6411			
			9071	16771	2933	2576	3223	3872	4522			
			9071	16771	2933	4100	6130	8171	67071			
			764	1377	2252	1958	2451	2944	3439			
			420	834	1253	1071	1342	1614	1886			
			535	928	1491	2179	2618	3595	2875			

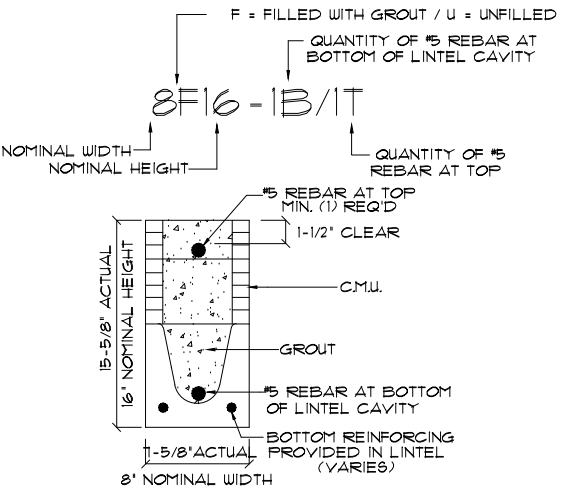
8" PRECAST & PRESTRESSED U-LINTELS

UPLIFT												
LENGTH \ TYPE	TYPE	8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	8U8	8F8	LATERAL	
2'-10" (34')	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021		
3'-6" (42')	PRECAST	2165	2174	3981	5190	6407	7630	8851	1281	1281		
4'-0" (48')	PRECAST	1878	1899	2832	3600	4532	5387	6245	938	938		
4'-6" (54')	PRECAST	1660	1762	2507	3257	4010	4767	5525	727	727		
5'-4" (64')	PRECAST	1393	1484	2110	2741	3375	4010	4648	505	505		
5'-10" (70')	PRECAST	1272	1357	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	1475	1914	2384	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	486	818	1029	1254	1479	1706	340	494		
13'-4" (160')	PRECAST	573	409	682	1004	1261	1531	1807	302	398		
14'-0" (168')	PRECAST	458	316	493	635	778	922	1065	286	360		
14'-8" (176')	PRESTRESSED	243	382	582	882	1186	1491	1742	N/R	357		
15'-4" (184')	PRESTRESSED	228	278	430	593	757	921	1085	N/R	327		
17'-4" (208')	PRESTRESSED	188	236	361	493	627	761	895	N/R	295		
19'-4" (232')	PRESTRESSED	165	207	312	420	528	636	744	N/R	204		
21'-4" (256')	PRESTRESSED	145	186	278	386	493	601	709	N/R	172		
22'-0" (264')	PRESTRESSED	137	171	265	372	481	590	698	N/R	161		
24'-0" (288')	PRESTRESSED	127	165	244	342	450	558	666	N/R	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 530.

SAFE LOAD TABLE NOTES

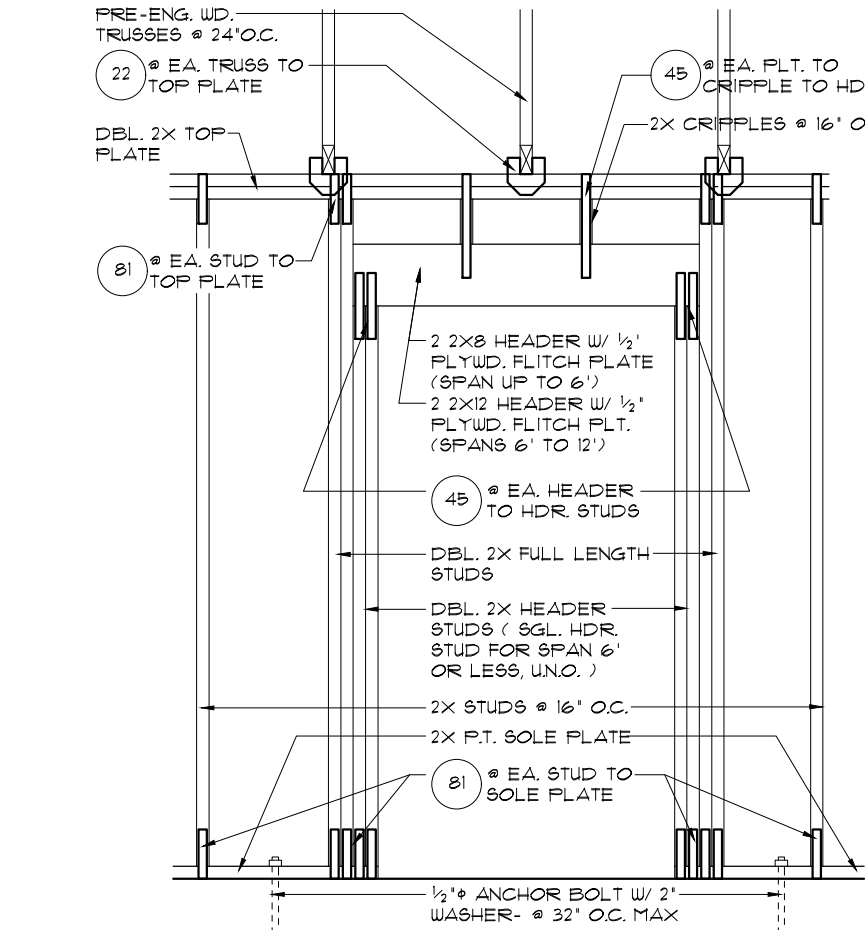
1. All values based on minimum 4" bearing. Exception: Safe loads for unfilled lintels must be reduced by 20% if bearing length is less than 6-1/2". Safe loads for all recessed lintels based on 8" nominal bearing.
2. N/R = Not Rated.
3. Safe loads are total superimposed allowable load on the section specified.
4. Safe loads based on grade 40 or grade 60 field rebar.
5. Additional lateral load capacity can be obtained by the designer by providing 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 U-LINTELS												
UPLIFT												
LENGTH \ TYPE	TYPE	8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	8U6	8F6	LATERAL	
4'-4" (52')	PRECAST	1244	1513	2413	3260	4112	4961	5815	332	332		
4'-6" (54')	PRECAST	1182	1507	2339	3170	4008	4850	5696	303	303		
5'-8" (68')	PRECAST	924	1172	1785	2423	3059	3699	4339	501	501		
5'-10" (70')	PRECAST	896	1138	1742	2352	2965	3581	4198	469	469		
6'-8" (80')	PRECAST	718	882	1513	2042	2573	3107	3642	830	1000		
7'-6" (90')	PRECAST	608	697	1325	1810	2280	2753	3227	710	941		
9'-8" (116')	PRECAST	533	433	808	1123	1413	1704	1995	516	614		

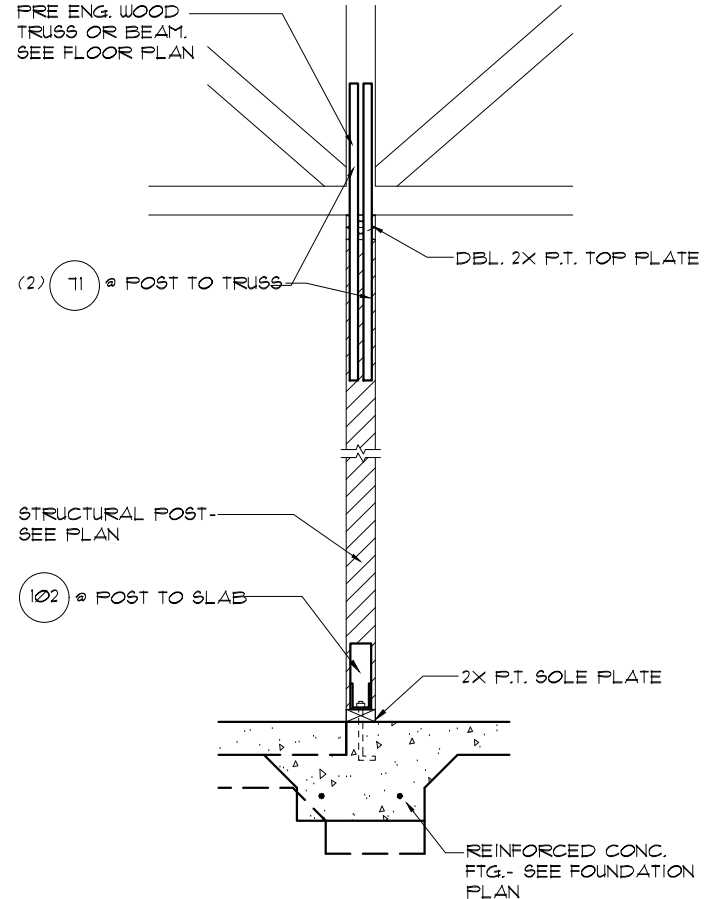
*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

CONNECTOR SCHEDULE

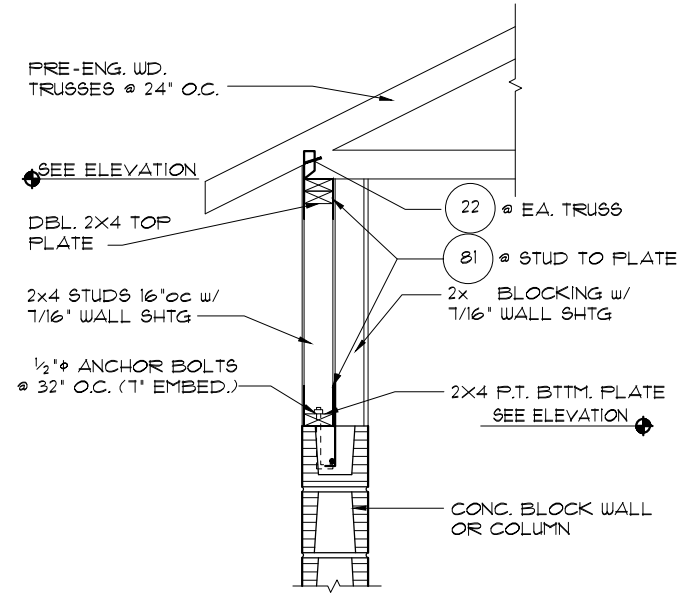
CONNECT. TYPE	SIMPSON		USP		MAX. UPLIFT	LAT. LDS. F1 / F2
	DESCRIPTION	FASTENERS PER CONNECTOR	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA20	14-10d x 1½"	ETA20	14-10d	1810	65 / 960
5	DETAL20	18-10d x 1½"	N/A	N/A	2,480	2000/ 1370
20	H3	RFT: 4-8d / PLT: 4-8d	RT3	RFT: 4-8d / PLT: 4-8d	455	125 / 160
21	H1	RFT:6-8dx1½"/PLT:4-8d	RT15	RFT:5-8dx1½"/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	990	585/525
23	LU526	HDR: 4-10d/JST: 4-10d RFT / TR5: 4-8d	JU526	HDR: 4-10d/JST: 4-10d RFT / TR5: 9-10d	935	N/A
24	H1	PLT / STD: 10-8d	RT20	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	MT512	14-10d	MTW12	14-10d	1,000	N/A
38	MT516	14-10d	MTW16	14-10d	1,000	N/A
39	MT5M16	BLK: (4)¼"x2¼" T.C. TRUSS: (7) 10d	MTW16	BLK: (4)¼"x2¼" T.C. TRUSS: (7) 10d	860	N/A
43	L5TA12	10-10d	L5TA12	10-10d	905	N/A
45	ST18	14-16d	ST18	14-16d	1,200	N/A
47	L5TA24	18-10d	L5TA24	18-10d	1,295	N/A
71	M5TA36	26-10d	M5TA36	26-10d	2,135	N/A
72	M5TC66	64-16d SINKERS	N/A	N/A	5,495	N/A
79	SF1	STD:6-10d / FLT:4-10d	SPT22	STD:4-10d / FLT:4-10d	535	560 / 260
80	SF2	STD:6-10d / FLT:6-10d	SPT224	STD:6-10d / FLT:6-10d	605	560 / 260
81	SPH468	12-10d x 1½"	TP46,48	12-10d x 1½"	885	N/A
88	CB5Q88	12 SDS 1/4X2"	TP46,48	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: ⅞" BOLT STUD:(3) ⅞"x5½" BOLTS	HH8A	SILL: ⅞" BOLT STUD:(3) ⅞"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-SDS¼"x3"/(2) ⅝" BLT	N/A	N/A	3,990	N/A
104	HDU8-SDS25	T/8" BLT/20-SDS ¼"x2½"	N/A	N/A	5,020	N/A
110	HCF2	12-10d x 1½"	HHCF2	20-10d x 1½"	520	260 / N/A
167	HHUS46	H:14-16d/J:6-16d	THD46	H:8-18d/J:12-10d	1,550	N/A
168	U46	H:8-10d/J:4-10d	SUH46	H:8-16d/J:4-16d	710	N/A
181	HUS26	20-16d	THD26	H:20-16d/J:10-10d	1,550	N/A
184	HUC28-2	H:14-16d/J:4-10d	N/A	N/A	1,085	N/A
212	HUC410	HD:18-½"x1⅝" 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	1,895	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 TOP4FACE 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	MBHA3.56/16	HDR : (2) ¾"φ x 8" JOIST : 18-10d	NFM3.5X16U	HDR :MIN. ½"φxJ-BOLTS JOIST : (5) ½"φ BOLTS	3,450	N/A
232	MBHA5.50/16	HDR : (2) ¾"φ x 8" JOIST : 18-10d	NFM5.5X16U	HDR :MIN. ½"φxJ-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	2000	1015 / 440
301	MG1	(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	6485	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					



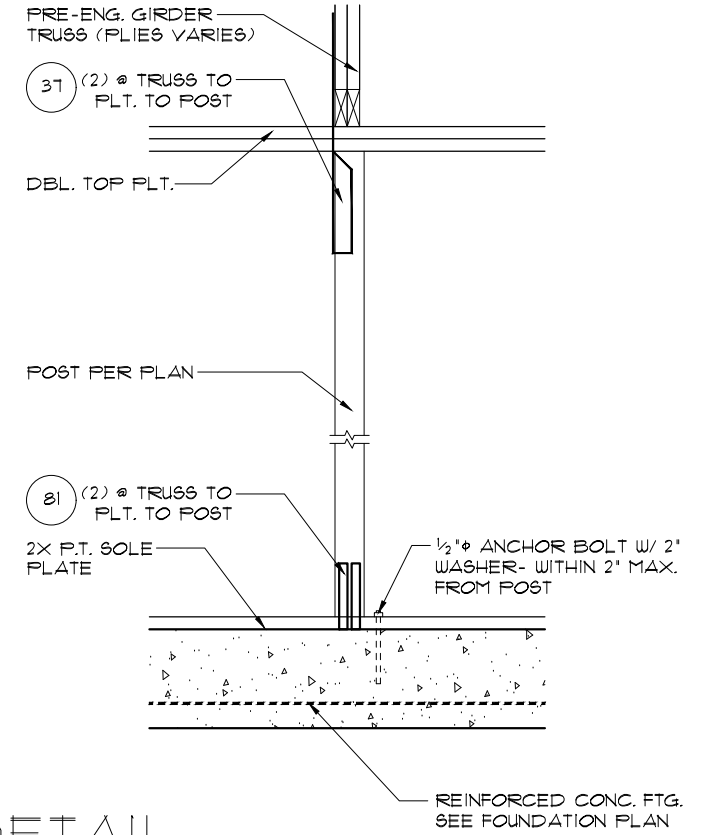
3 DETAIL (BRG. W/ UPLIFT)
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



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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1647 PROSPER THRIVE SERIES	DATE 06-01-22 SCALE AS NOTED DRAWN RDC JOB 1647 SHEET 11 OF SHEETS