

# 1501

## DELIGHT

### 30' THRIVE

30' X 75'

REVISION SCHEDULE			
NO.	DATE	DESCRIPTION	BY
1	03-29-23	-RE-DESIGN KITCHEN -RECESS CANS ILO LIGHT FIXTURES	ME
2	03-29-23	-ADD (2) PENDANT LTS PREWIRE OVER KITCHEN ISLAND	ME
3	01-26-24	-UPDATE TO 2023 CODE	ME
4	02-20-24	-REPLACE CABINET PANTRY W/BUILT-IN	ME
5	06-19-24	-REDESIGN KITCHEN CABINETS	ME

#### SHEET INDEX:

- 00 COVER SHEET
- 01.0 FOUNDATION PLAN A
- 02.0 FLOOR PLAN W/ DIMENSIONS A
- 03.0 FLOOR PLAN W/ NOTES A
- 04A.0 EXTERIOR ELEVATIONS- FRONT/ REAR "A"
- 05A.0 EXTERIOR ELEVATIONS- LEFT/ RIGHT "A"
- 06 CROSS SECTION AND INTERIOR ELEVATIONS
- 07.0 ELECTRICAL PLAN A
- 08A.0 TRUSS LAYOUT "A"
- 09.0 PRECAST LINTEL LAYOUT A
- 10 TYPICAL DETAILS
- 11 TYPICAL DETAILS/CONNECTOR SCHEDULE
- D1 TYPICAL STRUCTURAL DETAILS
- D2 TYPICAL STRUCTURAL DETAILS
- D3 TYPICAL STRUCTURAL DETAILS
- D4 NOT USED
- D5 TYPICAL STRUCTURAL DETAILS
- D6 TYPICAL STRUCTURAL DETAILS
- D7 TYPICAL STRUCTURAL DETAILS

#### SHEET INDEX:

- 00 COVER SHEET
- 01.0 FOUNDATION PLAN B
- 02.0 FLOOR PLAN W/ DIMENSIONS B
- 03.0 FLOOR PLAN W/ NOTES B
- 04B.0 EXTERIOR ELEVATIONS- FRONT/ REAR "B"
- 05B.0 EXTERIOR ELEVATIONS- LEFT/ RIGHT "B"
- 06 CROSS SECTION AND INTERIOR ELEVATIONS
- 07.0 ELECTRICAL PLAN B
- 08B.0 TRUSS LAYOUT "B"
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- 01.0 FOUNDATION PLAN C
- 02.0 FLOOR PLAN W/ DIMENSIONS C
- 03.0 FLOOR PLAN W/ NOTES C
- 04C.0 EXTERIOR ELEVATIONS- FRONT/ REAR "C"
- 05C.0 EXTERIOR ELEVATIONS- LEFT/ RIGHT "C"
- 06 CROSS SECTION AND INTERIOR ELEVATIONS
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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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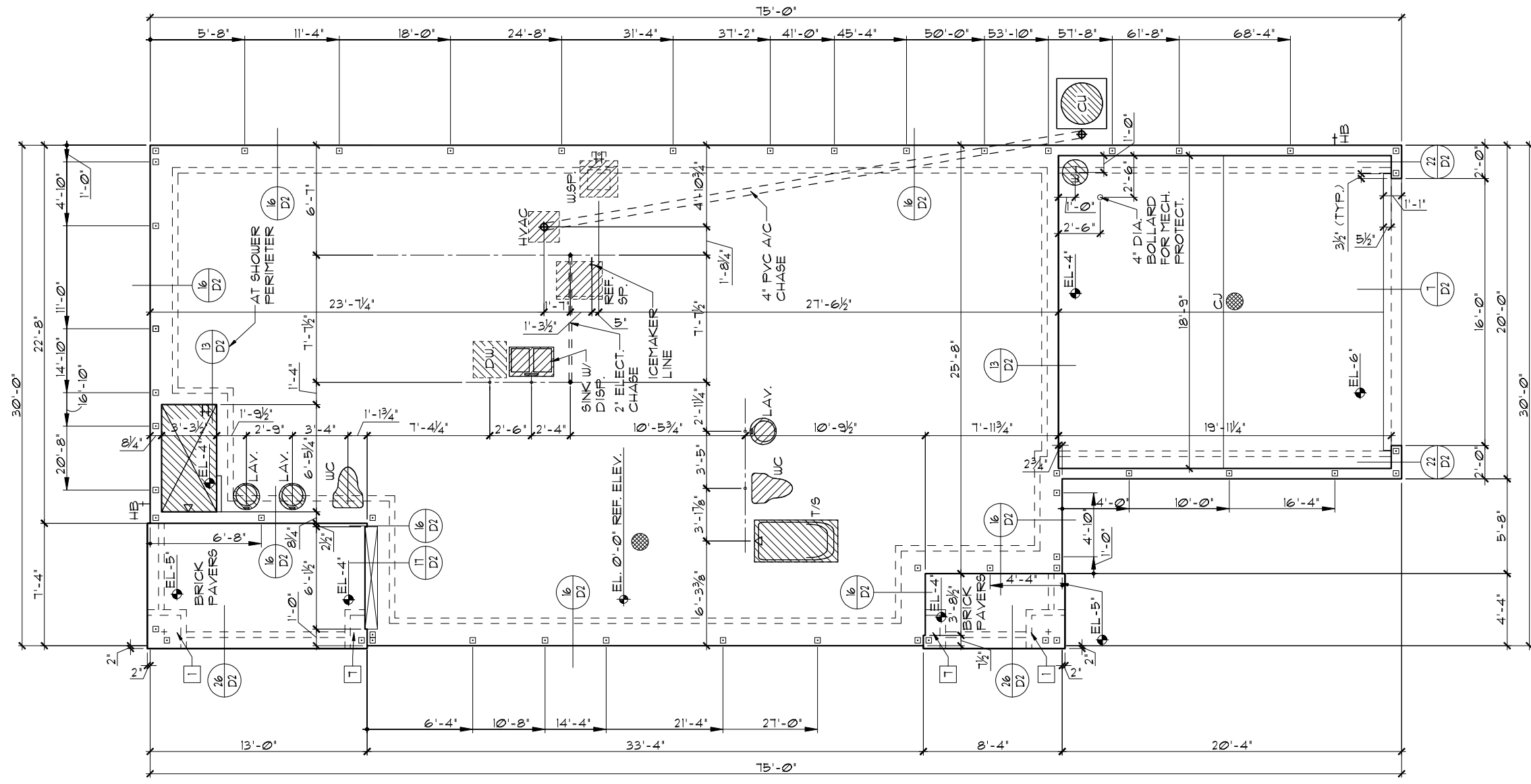
**Park Square**  
 HOMES

COVER SHEET

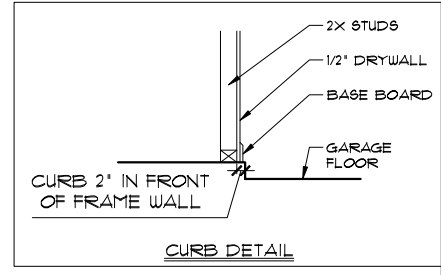
1501 DELIGHT  
 THRIVE SERIES

DATE 06-01-22  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 1501  
 SHEET  
 OF 00 SHEETS

- FOUNDATION NOTES**
1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
  2. □ DENOTES FILLED CELL REINFORCED W/ CONC. & (1) #5ϕ REBAR, GRADE 60
  3. ■ DENOTES FILLED CELL REINFORCED W/ CONC. & (2) #5ϕ REBAR, GRADE 60
  4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY AND ALL DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION
  5. WATER HEATER T&P RELIEF VALVE SHALL BE FULL SIZE TO EXTERIOR WATER HEATER AT OR ABOVE FLOOR LEVEL SHALL BE IN A PAN W/ DRAIN TO EXTERIOR. WATER HEATER SHALL HAVE APPROVED THERMAL EXPANSION DEVICE
  6. ○ DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2500 P.S.I., 3½" THICK W/ 6X6 10/10 GAUGE REINFORCING MAT. W/ MINIMUM 1" COVER. TERMITES TREATED SOIL W/ .006mm (6 mil) POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL. WUF SHALL BE PLACED IN THE MIDDLE TO UPPER 1/3 OF THE SLAB AND SUPPORTED BY APPROVED SLAB BOLSTERS. \*\*\*NOTE: FIBERMESH REINFORCEMENT MAY BE USED AS AN ALTERNATE TO WIRE MESH.
  7. PAVERS MAY BE USED ILO CONCRETE IN PATIO, PORCH, DRIVEWAYS AND WALKWAYS. DELETE SLAB IN AREAS PAVERS ARE USED.
  8. MECHANICAL EQUIPMENT LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
  9. IN LIEU OF TERMITES TREATING THE SOIL, TERMITICIDE MAY BE USED AS AN ALTERNATIVE.



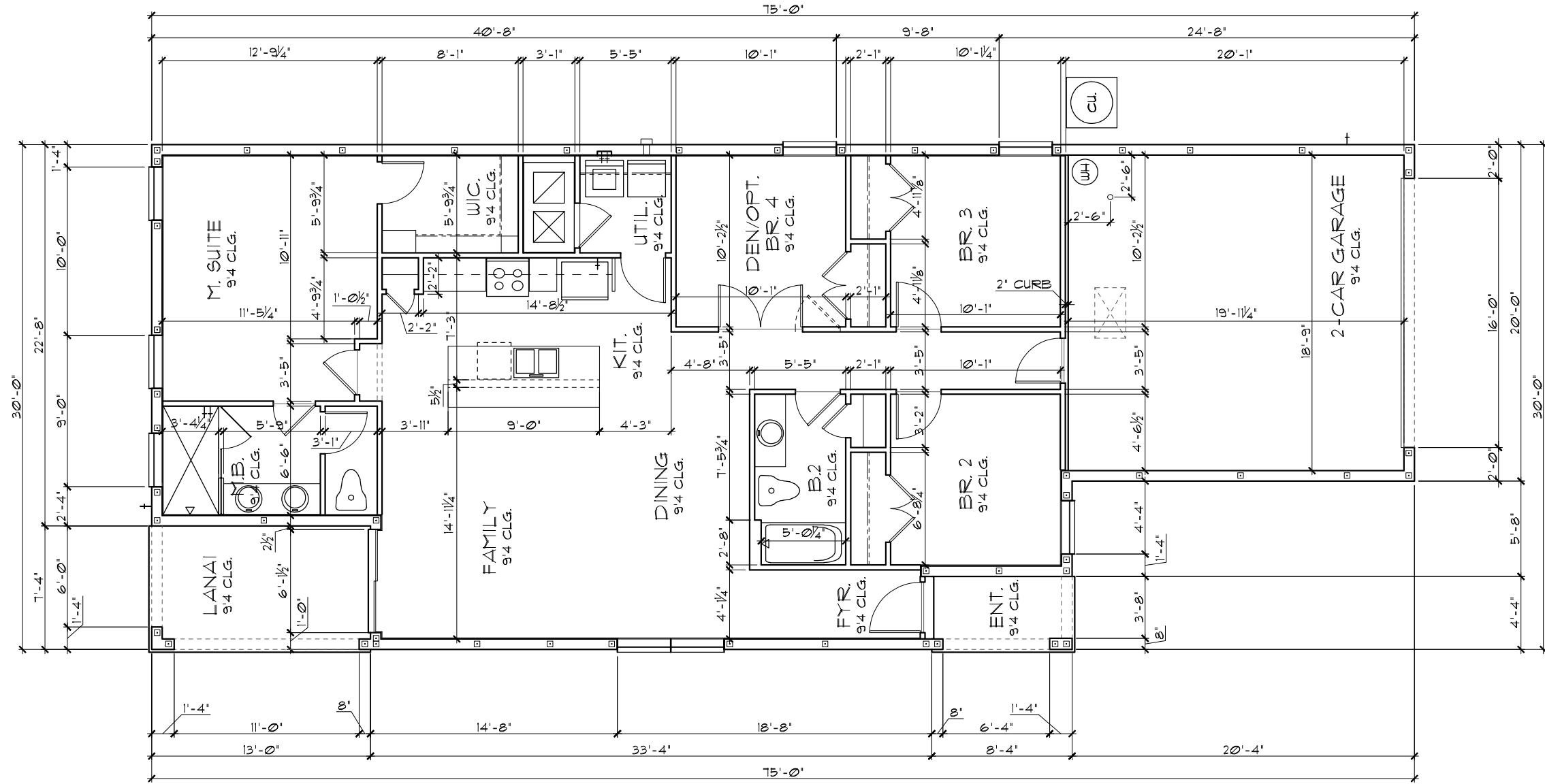
**FOUNDATION PLAN C**  
 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



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
7	24" x 12" x 12" W/ (3) #5'S EACH WAY
C	FOOTING CHANGE / TRANSITION

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<b>Park Square HOMES</b> <small>A DIVISION OF PARK SQUARE ENTERPRISES, INC.</small> <small>5200 Vineland Road, Suite 200</small> <small>Orlando, Florida, 32811</small> <small>Phone: (407) 529 - 3000</small>	<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS	BY										
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<b>FOUNDATION PLAN</b>													
<b>1501 DELIGHT</b> <b>THRIVE SERIES</b>	<table border="1"> <tr> <td>DATE</td> <td>06-01-22</td> </tr> <tr> <td>SCALE</td> <td>AS NOTED</td> </tr> <tr> <td>DRAWN</td> <td>RDC</td> </tr> <tr> <td>JOB</td> <td>1501</td> </tr> <tr> <td>SHEET</td> <td>01.0</td> </tr> <tr> <td>OF</td> <td>SHEETS</td> </tr> </table>	DATE	06-01-22	SCALE	AS NOTED	DRAWN	RDC	JOB	1501	SHEET	01.0	OF	SHEETS
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TABULATION	
TOTAL LIVING	1,501 SF.
GARAGE	414 SF.
ENTRY	36 SF.
LANAI	95 SF.
TOTAL UNDER ROOF	2,046 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 3/2" UNLESS NOTED OTHERWISE.
  4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 1 1/2" UNLESS NOTED OTHERWISE.
  5. ALL INTERIOR CEILING AT 9'-4" UNLESS NOTED OTHERWISE.
  6. MECHANICAL EQUIPMENT LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.

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

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1501 DELIGHT  
 THRIVE SERIES

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FLOOR PLAN W/ DIMENSIONS

REVISIONS	BY

DATE 06-01-22  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 1501  
 SHEET 02.0  
 OF SHEETS

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**LOAD INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING  
RESIDENTIAL CODE

**DEAD LOADS**

FLOOR: STRUCTURE	1 P&F
CEILINGS	3 P&F
MECH/ELEC	5 P&F
PARTITIONS	5 P&F
<b>TOTAL</b>	<b>20 P&amp;F</b>

**ROOF: SHEATHING** 5 P&F  
**STRUCTURE** 1 P&F  
**CEILINGS** 3 P&F  
**MECH/ELEC** 5 P&F  
**TOTAL** 20 P&F

**FLOOR LIVE LOADS**

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

**ROOF LIVE LOADS**

MINIMUM ROOF LIVE LOAD (P&F)	
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

**NOTE:** 1. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20MIN. FIRE RATED IAW R302.5.1

**WIND INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING  
RESIDENTIAL CODE

- BASIC WIND SPEED: 140 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: B
- BUILDING TYPE: V B
- ENCLOSURE CLASSIFICATION: +/- I-B, INCLUDED INTERNAL PRESSURE IN NOTE #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**

- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
- VENT DRYER THRU ROOF.
- PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
- DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
- MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
- |           |  |
|-----------|--|
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ 9'-4" A.F.F. |
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ X'-0" A.F.F. |

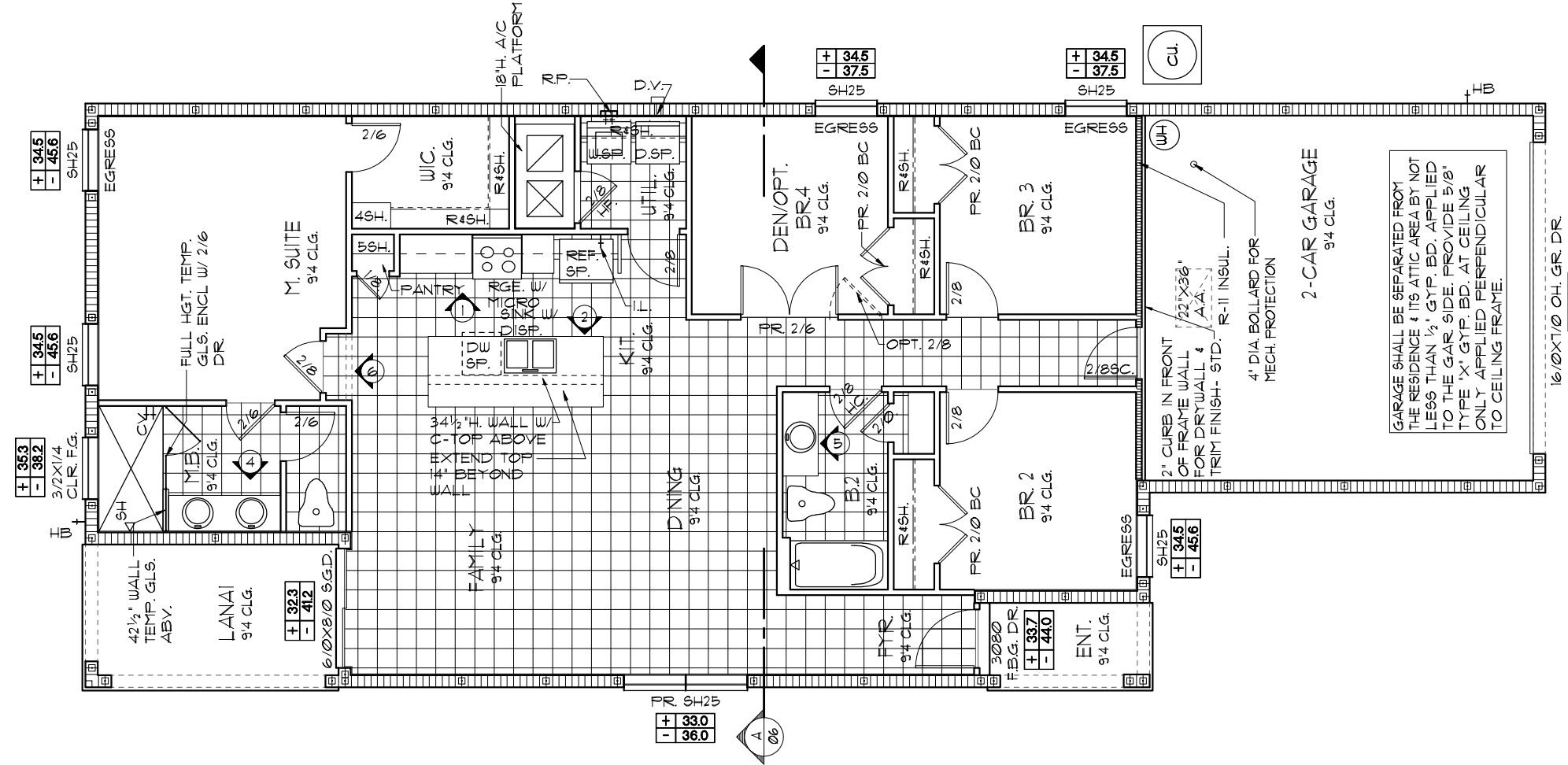
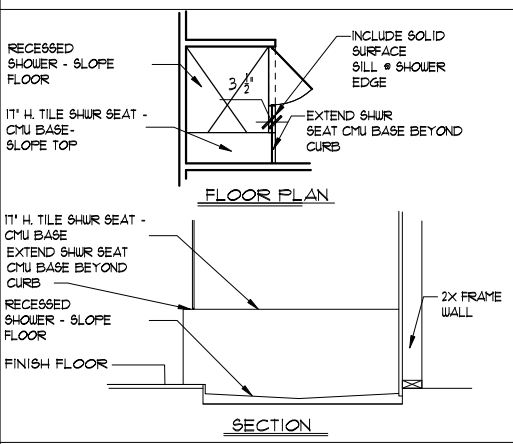
1. REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS

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

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

4. ALL INTER. FIRST FLOOR CEILINGS AT 9'-4" UNLESS NOTED OTHERWISE.

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



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

NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

NOTE: SEE COLOR SHEET FOR FLOORING

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**THRIVE PRODUCT**

**1501 DELIGHT**

**THRIVE SERIES**

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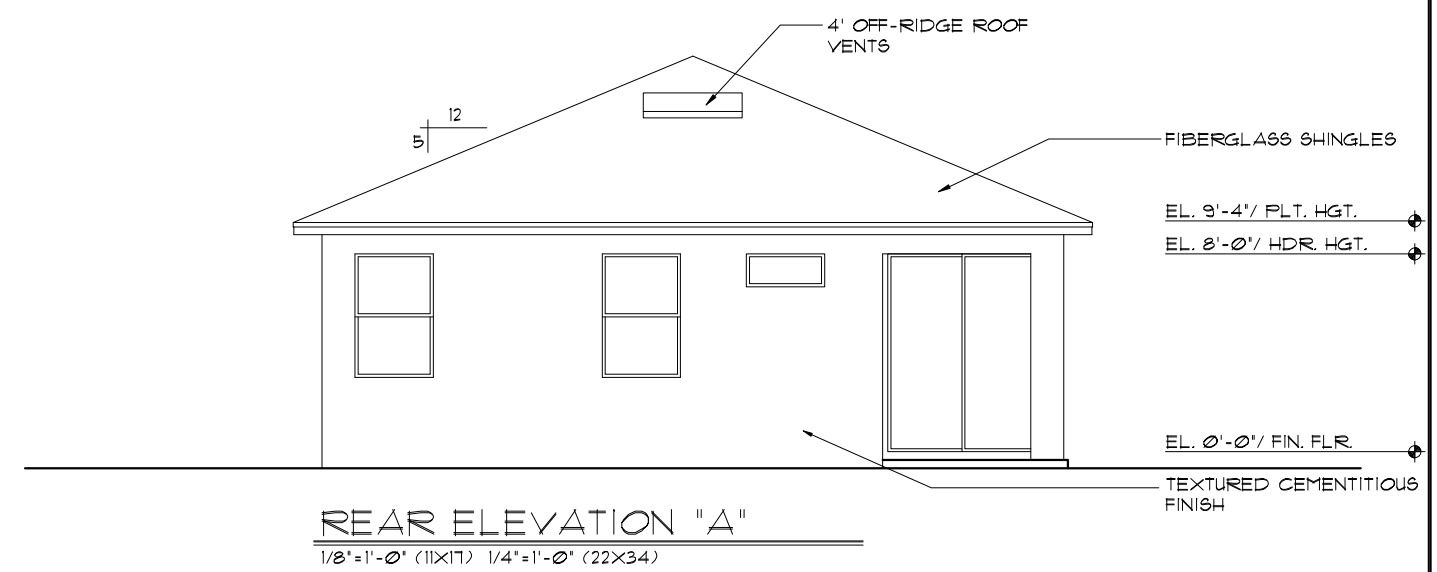
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DATE: 06-01-22  
SCALE: AS NOTED  
DRAWN: RDC  
JOB: 1501  
SHEET: 03.0 OF SHEETS

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- EXTERIOR FINISH NOTES**
1. LATH TO BE ATTACHED IAW R103.1.1 OF THE 8TH EDITION, FBCR. 2023
  2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.1.2 OF THE 8TH EDITION, FBCR. 2023
  3. WEEP SCREED TO BE INSTALLED IAW R103.1.2.1 OF THE 8TH EDITION, FBCR. 2023
  4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.1.3 OF THE 8TH EDITION, FBCR. 2023
  5. "ZIP SYSTEMS" WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS.



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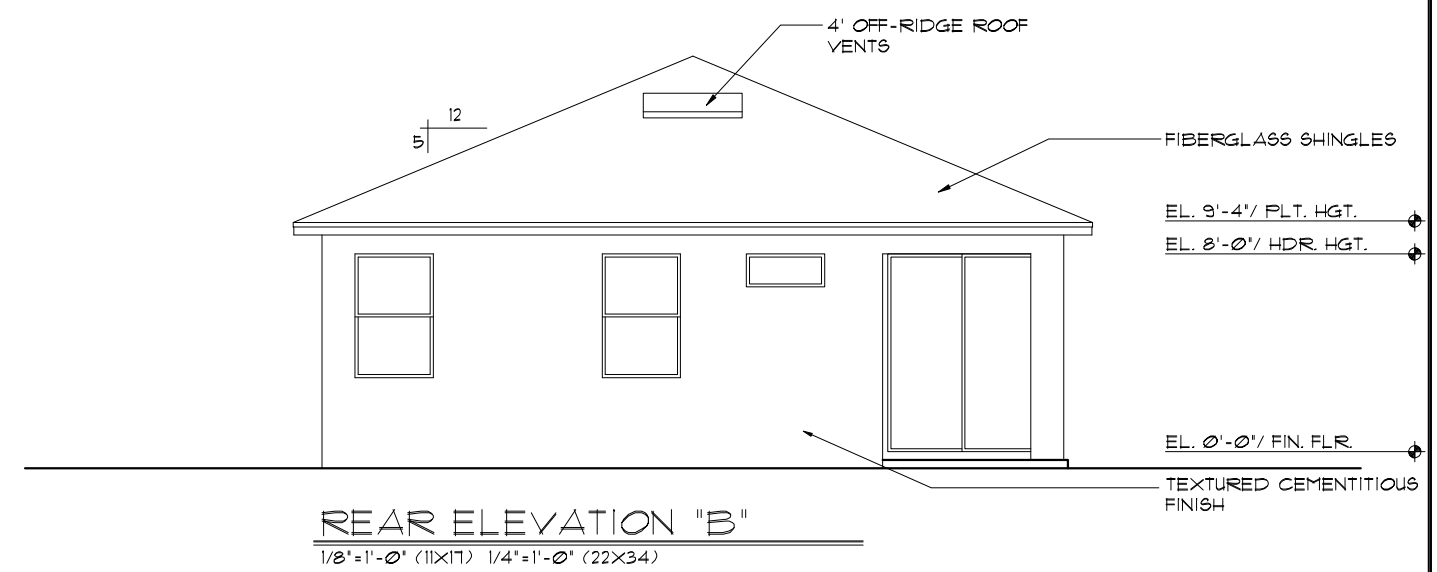
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EXTERIOR ELEVATION FRONT AND REAR	1501 DELIGHT	DATE	06-01-22
	THRIVE SERIES	SCALE	AS NOTED
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		JOB	1501
		SHEET	04A.0
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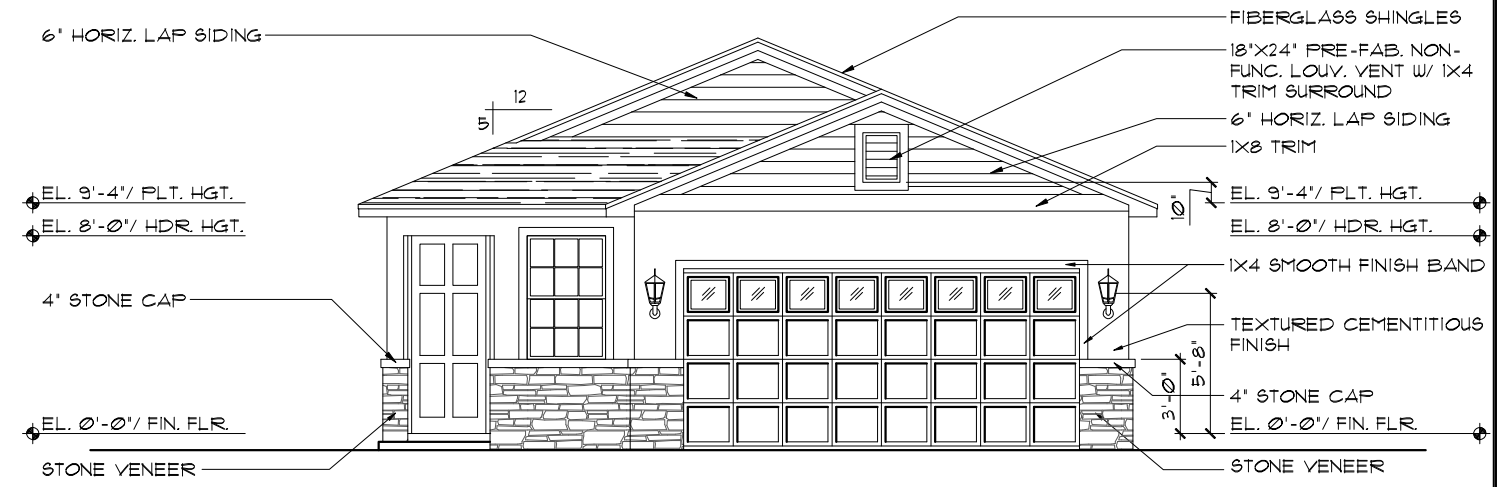
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**EXTERIOR ELEVATION FRONT AND REAR**

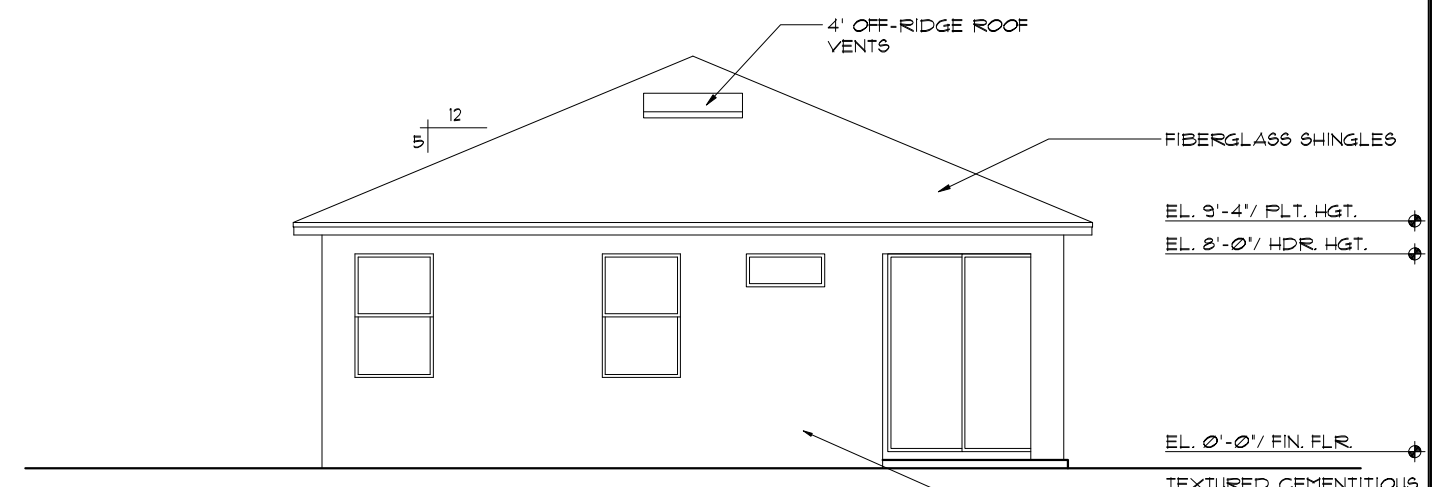
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**FRONT ELEVATION "C"**  
 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



**REAR ELEVATION "C"**  
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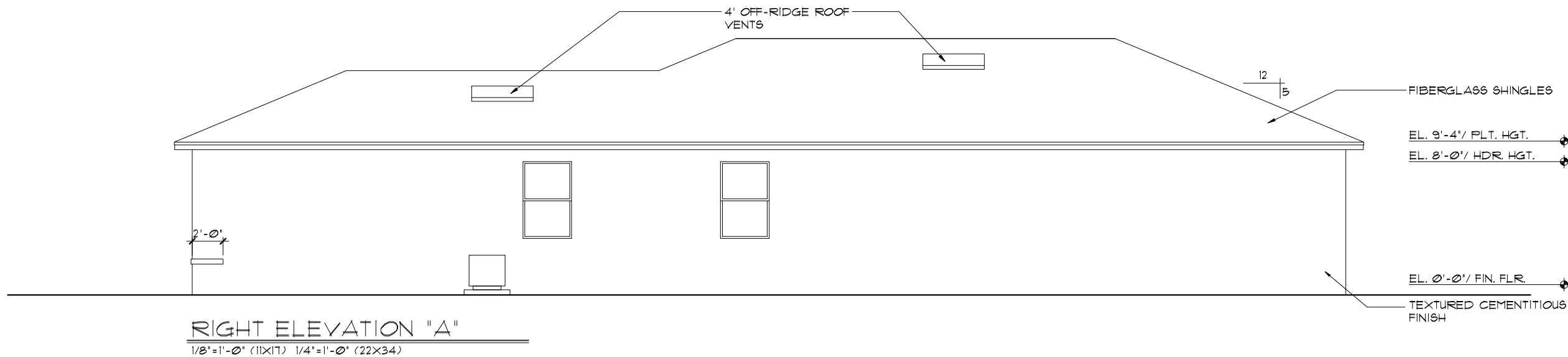
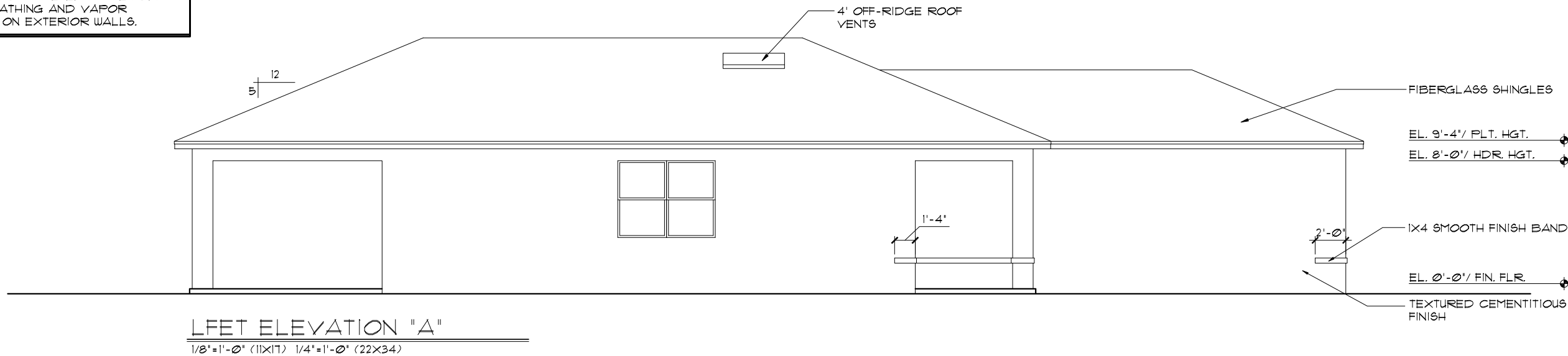
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**EXTERIOR ELEVATION FRONT AND REAR**

**1501 DELIGHT**  
**THRIVE SERIES**

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DRAWN	RDC
JOB	1501
SHEET	04C.0
OF	5 SHEETS

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**EXTERIOR ELEVATION LEFT AND RIGHT**

**1501 DELIGHT THRIVE SERIES**

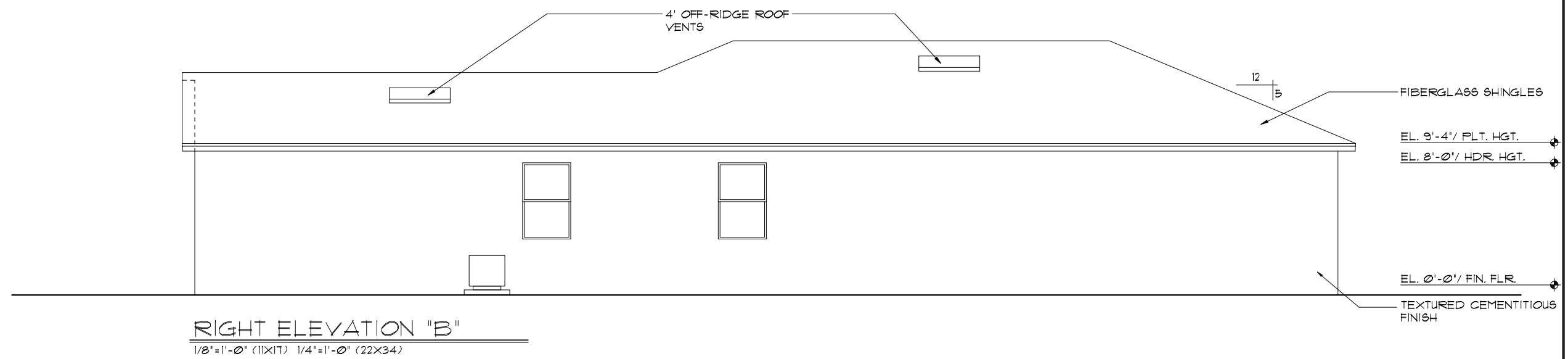
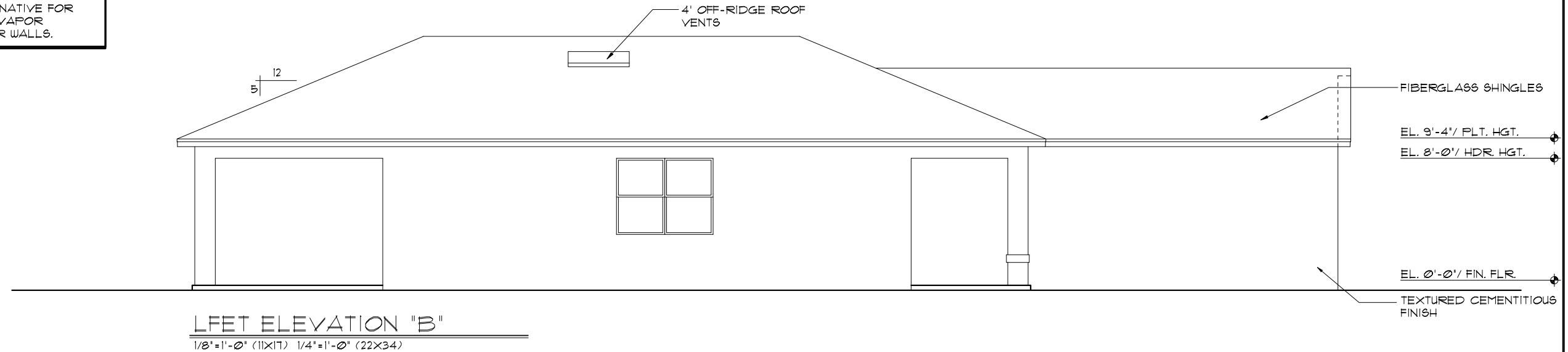
REVISIONS	BY

DATE 06-01-22  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 1501  
 SHEET 05A.0  
 OF SHEETS



**EXTERIOR FINISH NOTES**

1. LATH TO BE ATTACHED IAW R103.1.1 OF THE 8TH EDITION, FBCR, 2023
2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.1.2 OF THE 8TH EDITION, FBCR, 2023
3. WEEP SCREED TO BE INSTALLED IAW R103.1.2.1 OF THE 8TH EDITION, FBCR, 2023
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.1.3 OF THE 8TH EDITION, FBCR, 2023
5. 'ZIP SYSTEMS' WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS.



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

LOT: 0000, COMMUNITY

THRIVE PRODUCT

REVISIONS	BY



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



EXTERIOR ELEVATION  
LEFT AND RIGHT

1501 DELIGHT

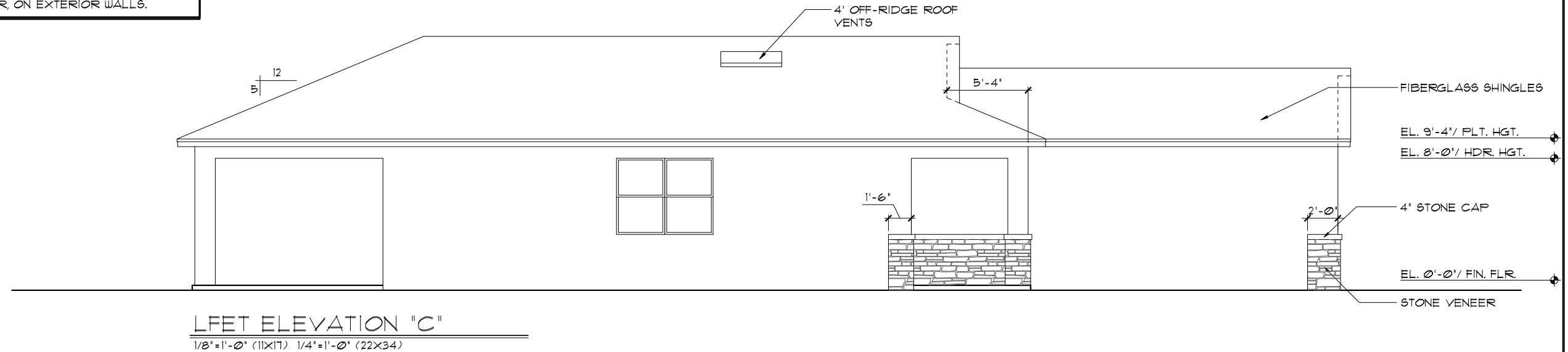
THRIVE SERIES

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1501
SHEET	05B.0
OF SHEETS	05

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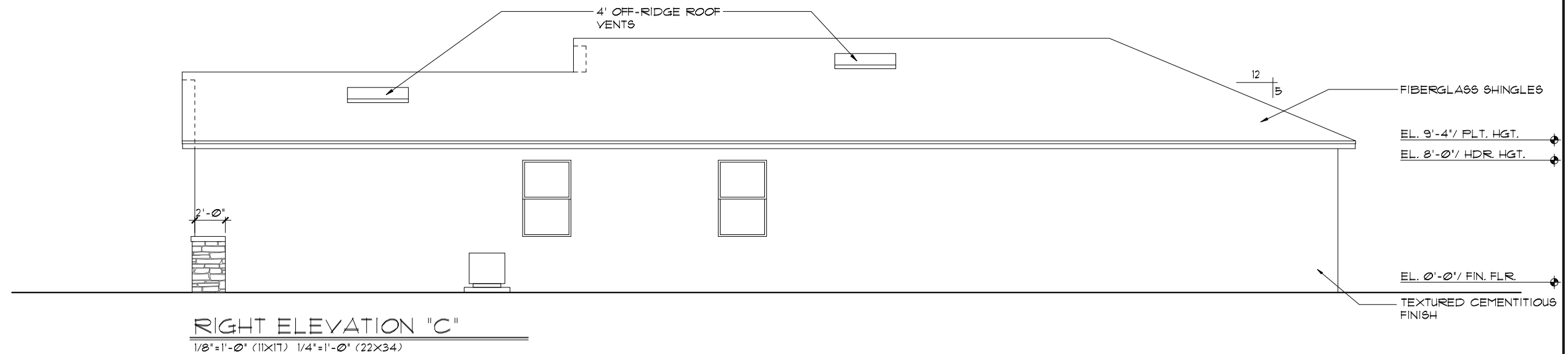
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5. 'ZIP SYSTEMS' WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR WALLS.



**LFET ELEVATION "C"**

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



**RIGHT ELEVATION "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

**LOT: 0000, COMMUNITY**

**THRIVE PRODUCT**

REVISIONS	BY

**ITEG**  
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 10000 W. Colonial Blvd., Suite 200  
 Orlando, Florida 32817  
 Tel: (407) 734-1400  
 Fax: (407) 734-1700  
 www.iteg.com

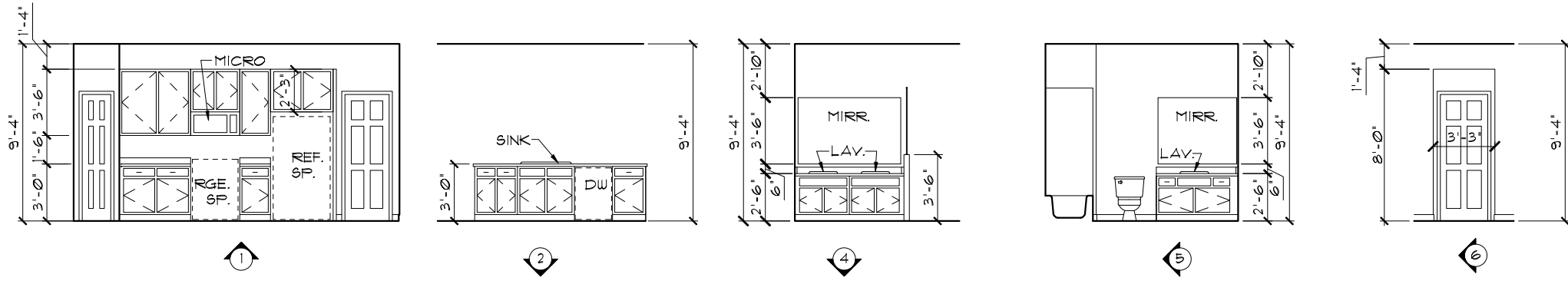
A DIVISION OF PARK SQUARE ENTERPRISES, INC.  
 5200 Vineland Road, Suite 200  
 Orlando, Florida 32811  
 Phone: (407) 529-3000

**Park Square HOMES**

**EXTERIOR ELEVATION LEFT AND RIGHT**

**1501 DELIGHT**  
**THRIVE SERIES**

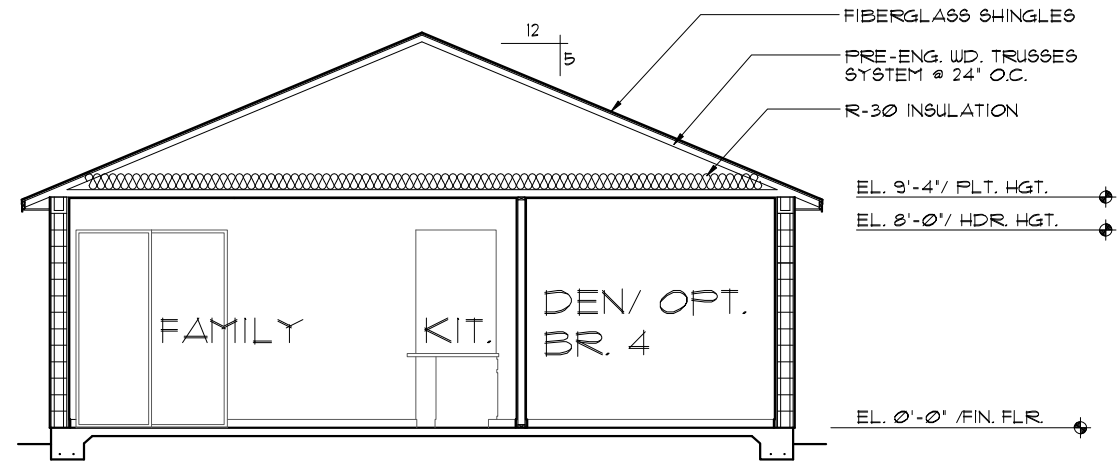
DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1501
SHEET	05C.0
OF	05C.0
SHEETS	05C.0



## 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.



**CROSS SECTION**  
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

LOT: 0000, COMMUNITY

1501 DELIGHT

CROSS SECTION /  
INTERIOR ELEVATIONS

THRIVE SERIES

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1501
SHEET	06
OF	SHEETS

THRIVE PRODUCT

REVISIONS

REVISIONS	BY

**ITEG**  
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5200 Vineland Road, Suite 200  
Orlando, Florida, 32811  
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**Park Square**  
HOMES

**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. F2201.1

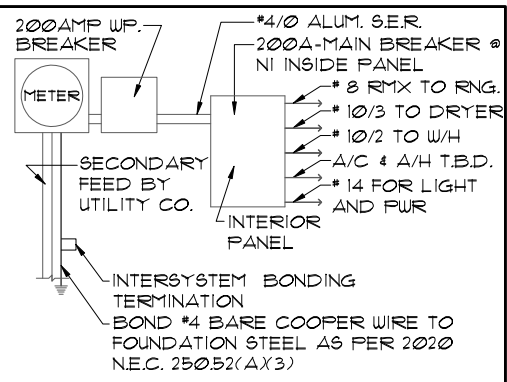
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.

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 NFPA70-NEC 2020

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

12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2020 - ARTICLE 210-52



**ELECTRICAL RISER DIAGRAM**

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

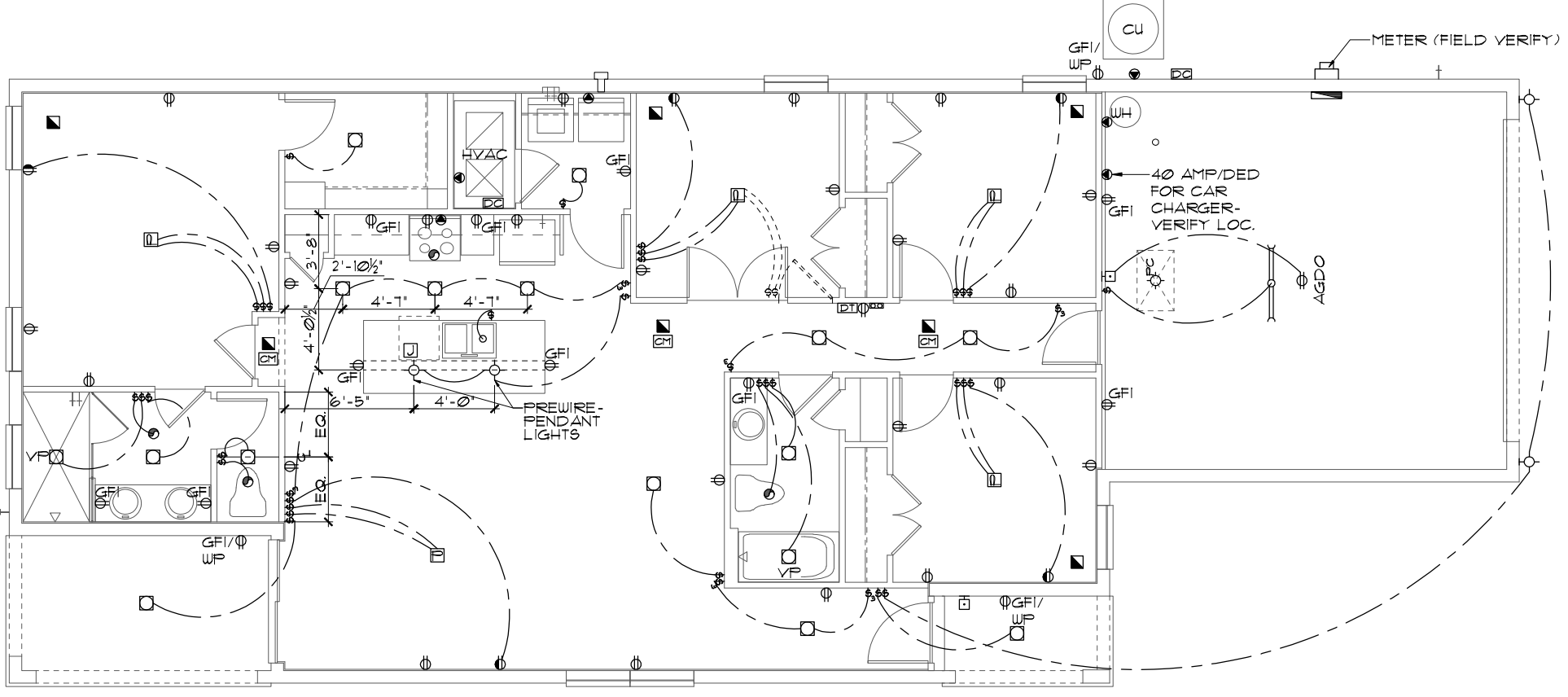
250.52(A)3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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

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

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

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



**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, CL.G. MOUNT.	⊞	CARBON MONOXIDE
⊞	OUT. 110-115, FLR. MOUNT.	⊞	PUSH BUTTON
⊞	SFCL. PURPOSE 220-240	⊞	EXHAUST FAN
⊞	LIGHT FIXT., CL.G. 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

THRIVE PRODUCT

LOT: 000, COMMUNITY

1501 DELIGHT  
THRIVE SERIES

REVISIONS	BY

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

**Park Square HOMES**

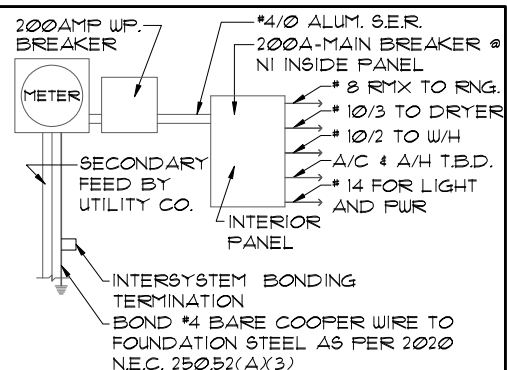
DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1501
SHEET	07.0
OF SHEETS	

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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**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.
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  - 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.
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    - KIDDE: SMOKE-21007581, C/O 21006377-N
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  - 10.) THE MAXIMUM ALLOWABLE EXHAUST DUCT LENGTH SHALL BE DETERMINED BY ONE OF THE METHODS SPECIFIED IN SECTIONS M1502.4.5.1 THROUGH M1502.4.5.3
  - 11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA70-NEC 2020
  - 12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A2)
  - 12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2020 - ARTICLE 210-52



**ELECTRICAL RISER DIAGRAM**

NOTE: N.T.S.  
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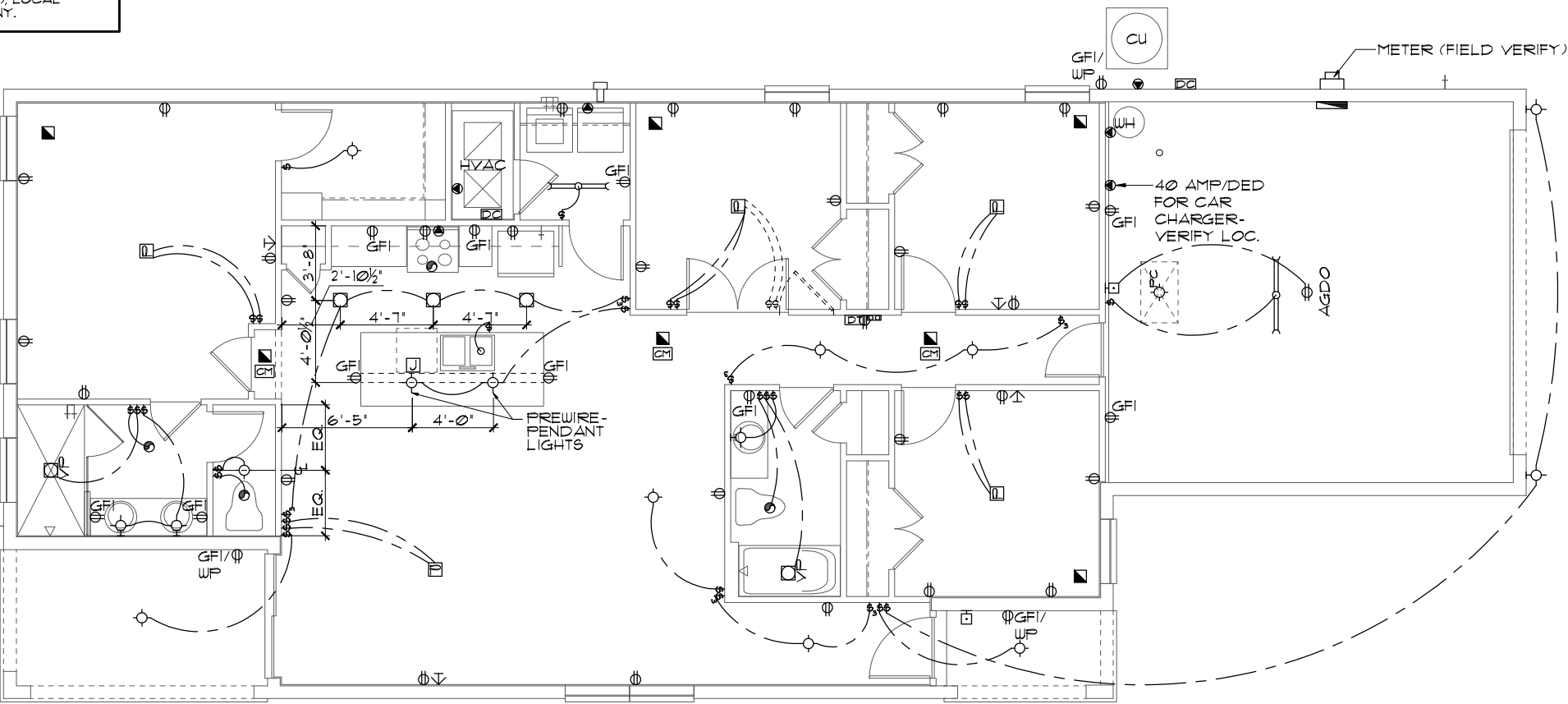
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**ELECTRICAL PLAN A,B,C**

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
⊞	SFCL. PURPOSE 220-240	⊞	EXHAUST FAN
⊞	LIGHT FIXT. CLG. MTD.	⊞	EX. FAN/LIGHT COMBO
⊞	LIGHT FIXT. WALL MTD.	⊞	DISPOSAL
⊞	LED LIGHT FIXT., RECESSED	⊞	ELECTRICAL PANEL
⊞	LIGHT FIXT., REC. ADJUST.	⊞	CEILING FAN, PREWIRE
⊞	LIGHT FIXT., FULL CHAIN	⊞	CEILING FAN, INSTALL
⊞	LED LIGHT FIXT., FLUORESCENT	⊞	ELECT. JUNCTION BOX
⊞	LIGHT FIXT., EXT. FLOODS	⊞	THERMOSTAT
⊞	LIGHT FIXT., EMERG. EXIT	⊞	DISCONNECT SWITCH
⊞	LIGHT FIXT., EXIT/BACKUP	⊞	ELEC. POWER METER

TH-19 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: 000, COMMUNITY**  
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**THRIVE PRODUCT**

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

**ELECTRICAL PLAN**

1501 DELIGHT  
 THRIVE SERIES

REVISIONS	BY

DATE 06-01-22  
SCALE AS NOTED  
DRAWN RDC  
JOB 1501  
SHEET 07.0 OF 15 SHEETS

**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:  $\frac{2,0478\text{S.F.}}{300} = 6.826\text{S.F.}$  NET FREE VENT. REQUIRED

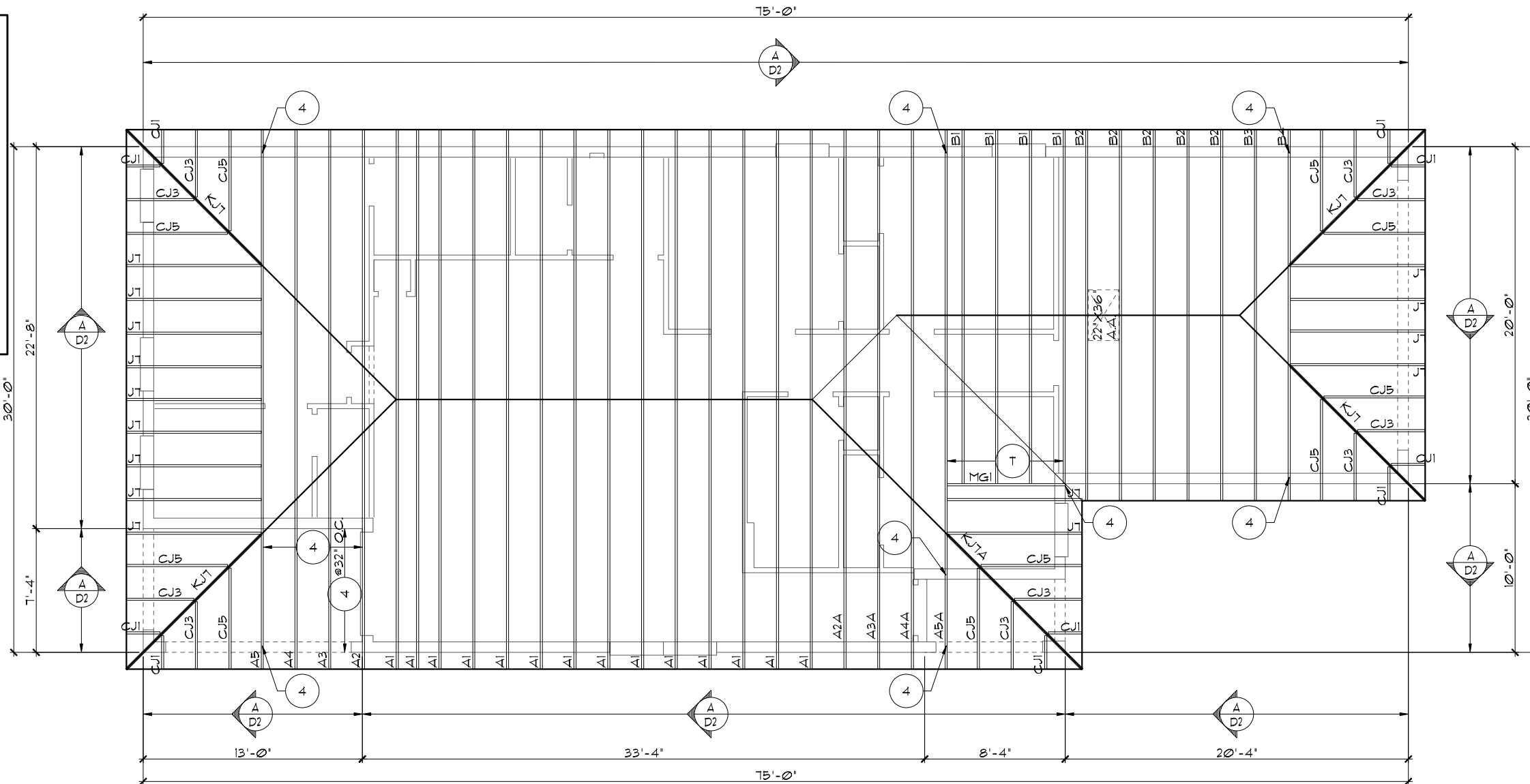
UPPER PORTION VENTILATION TOTAL: ----- 3.48F.  
 PROVIDED W/OFF RIDGE VENTS: 4 VENTS @ .858S.F. /VENT.  
 (VENT TYPE: LOMANCO MODEL T10-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: ----- 18.965F.  
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:--  
 ( 218L.F. @ 0.0875F. VENTING PER L.F.)

UPPER PORTION PERCENTAGE: 50%  
 LOWER PORTION PERCENTAGE: 50%

**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 BC91 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 at 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) 3 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 "A"**

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

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LOT: 0000, COMMUNITY

THRIVE PRODUCT

REVISIONS	BY

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**Park Square HOMES**

TRUSS LAYOUT

1501 DELIGHT  
 THRIVE SERIES

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1501
SHEET	08A.0
OF SHEETS	

**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:  $\frac{2,0478\text{S.F.}}{300} = 6.829\text{S.F.}$  NET FREE VENT. REQUIRED

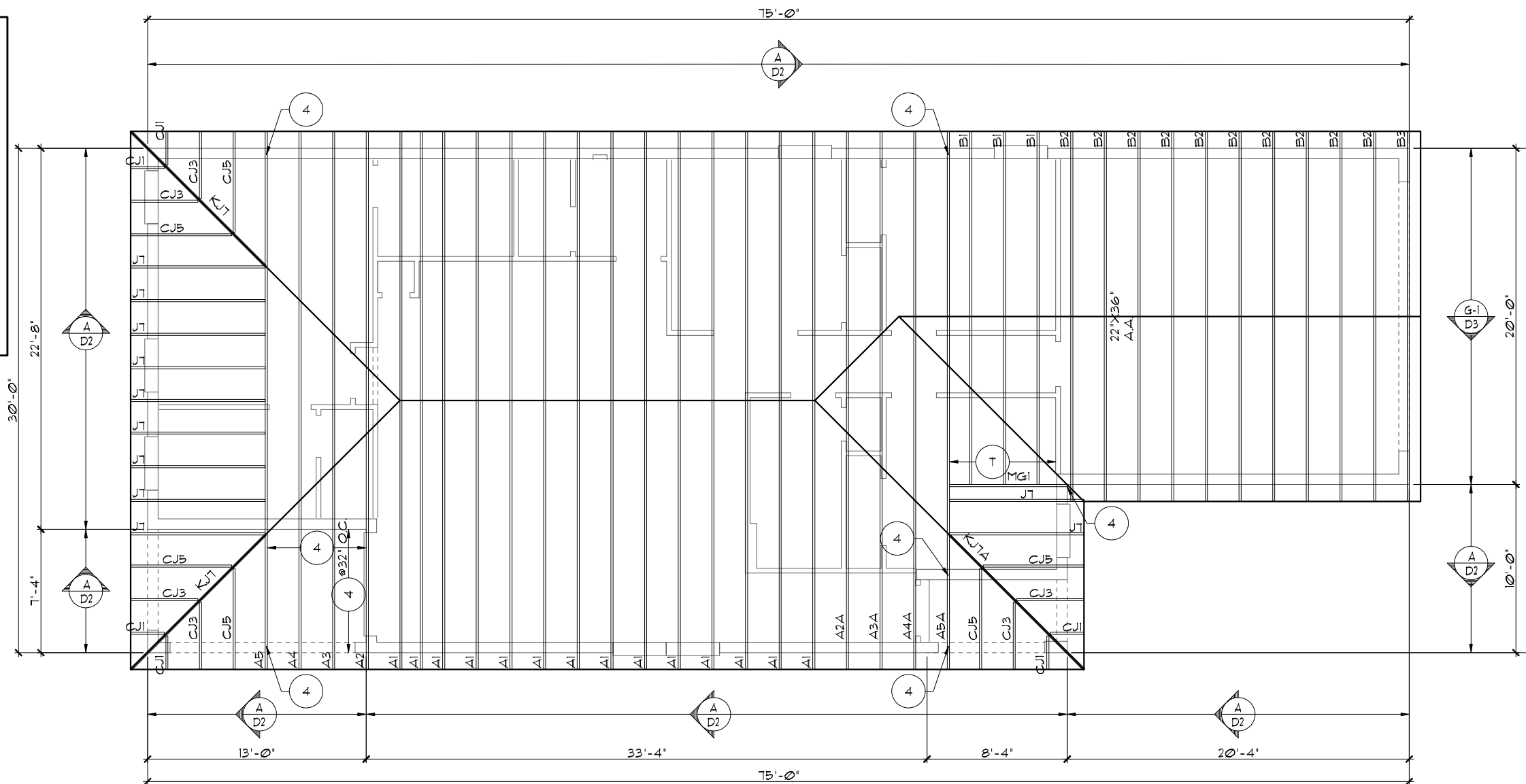
UPPER PORTION VENTILATION TOTAL: 3.48S.F.  
 PROVIDED W/OFF RIDGE VENTS: 4 VENTS @ .858S.F. /VENT.  
 (VENT TYPE: LOMANCO MODEL T10-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: 18.96S.F.  
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:--  
 ( 218L.F. @ 0.0875S.F. VENTING PER L.F.)

UPPER PORTION PERCENTAGE: 50%  
 LOWER PORTION PERCENTAGE: 50%

**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/UTCA BC91.1.
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 at 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) 3 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 "B"**

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  
**LOT: 0000, COMMUNITY**  
**THRIVE PRODUCT**  
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 5200 Vineland Road, Suite 200  
 Orlando, Florida, 32811  
 Phone: (407) 529 - 3000

**Park Square HOMES**

**1501 DELIGHT**  
**THRIVE SERIES**

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RD C
JOB	1501
SHEET	08B.0
OF	08B.0
SHEETS	

**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:  $\frac{2,047\text{S.F.}}{300} = 6.82\text{S.F.}$  NET FREE VENT. REQUIRED

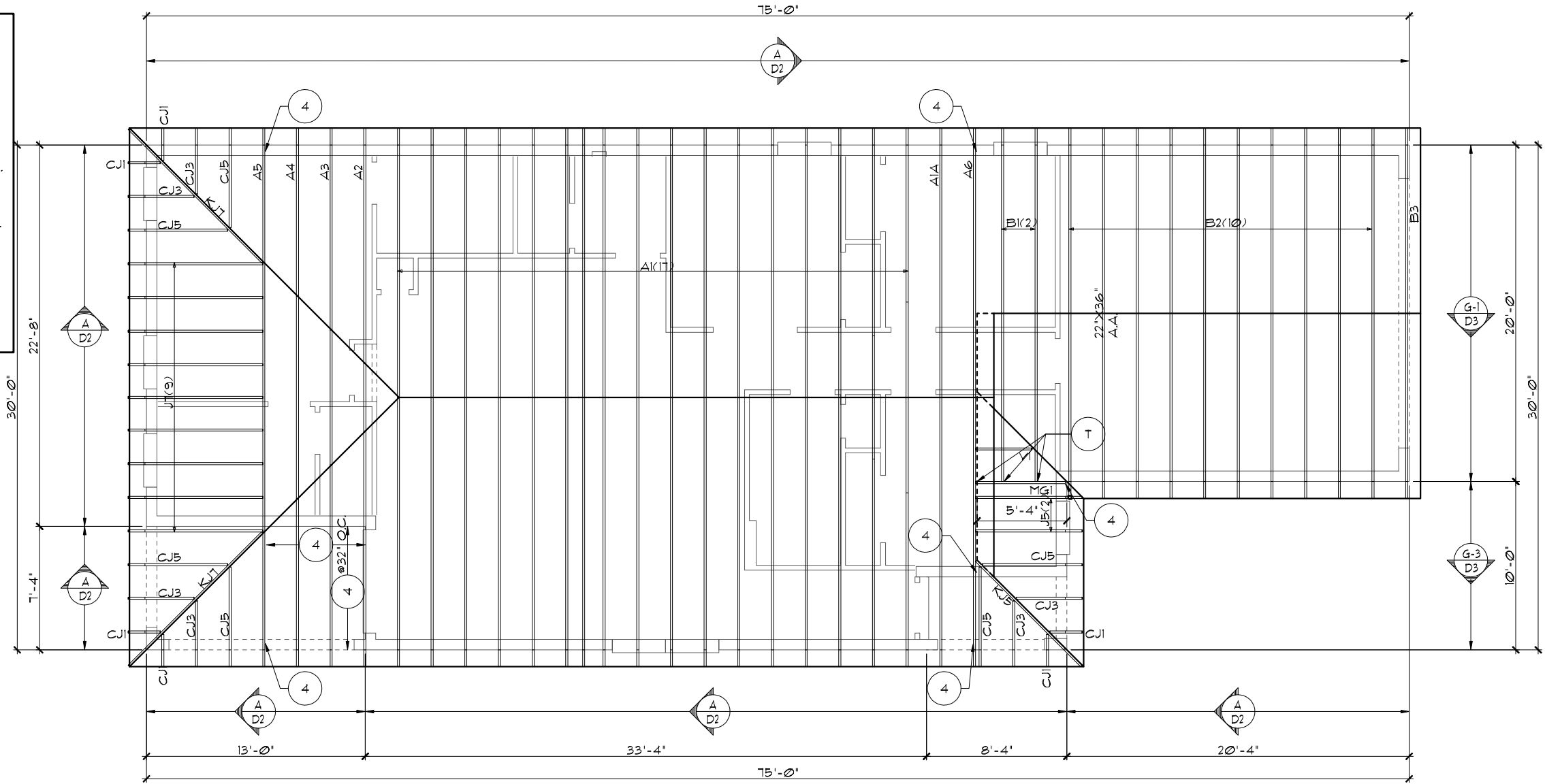
UPPER PORTION VENTILATION TOTAL: ----- 3.45F.  
 PROVIDED W/OFF RIDGE VENTS: 4 VENTS @ .855F. /VENT.  
 (VENT TYPE: LOMANCO MODEL T10-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: ----- 18.96S.F.  
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:--  
 ( 218L.F. @ 0.0875F. VENTING PER L.F.)

UPPER PORTION PERCENTAGE: 50%  
 LOWER PORTION PERCENTAGE: 50%

**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.
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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)

THRIVE PRODUCT

LOT: 0000, COMMUNITY

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TRUSS LAYOUT

1501 DELIGHT  
 THRIVE SERIES

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1501
SHEET	08C OF 0 SHEETS

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



**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:  $\frac{2,0478\text{S.F.}}{300} = 6.826\text{S.F.}$  NET FREE VENT. REQUIRED

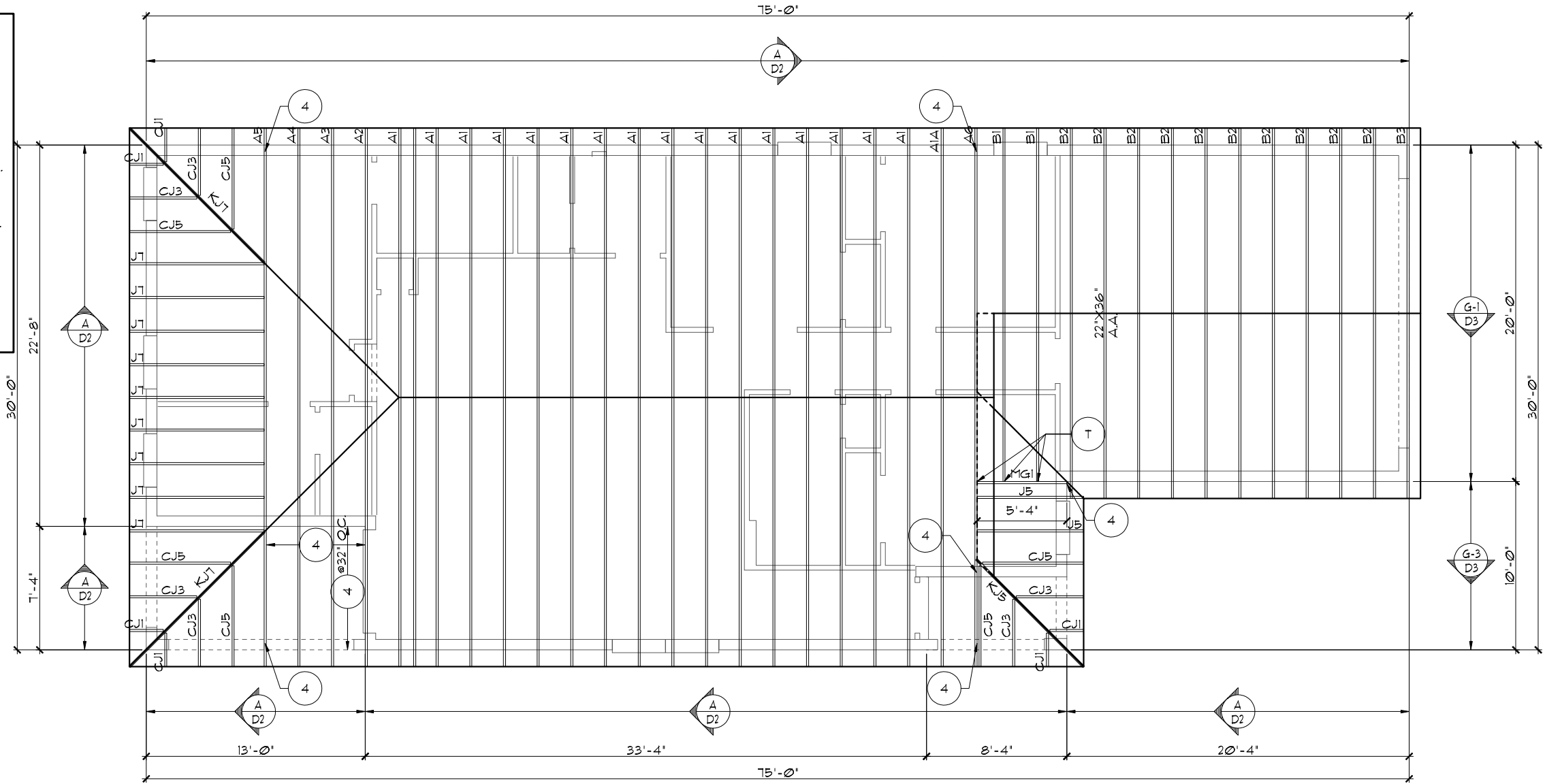
UPPER PORTION VENTILATION TOTAL: ----- 3.48S.F.  
 PROVIDED W/OFF RIDGE VENTS: 4 VENTS @ .858S.F. /VENT.  
 (VENT TYPE: LOMANCO MODEL T10-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: ----- 18.965S.F.  
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:--  
 ( 218L.F. @ 0.0875S.F. VENTING PER L.F.)

UPPER PORTION PERCENTAGE: 50%  
 LOWER PORTION PERCENTAGE: 50%

**NOTES**

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2. TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
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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)

THRIVE PRODUCT

LOT: 0000, COMMUNITY

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**Park Square HOMES**

TRUSS LAYOUT

1501 DELIGHT

THRIVE SERIES

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RD C
JOB	1501
SHEET	08C OF 0 SHEETS

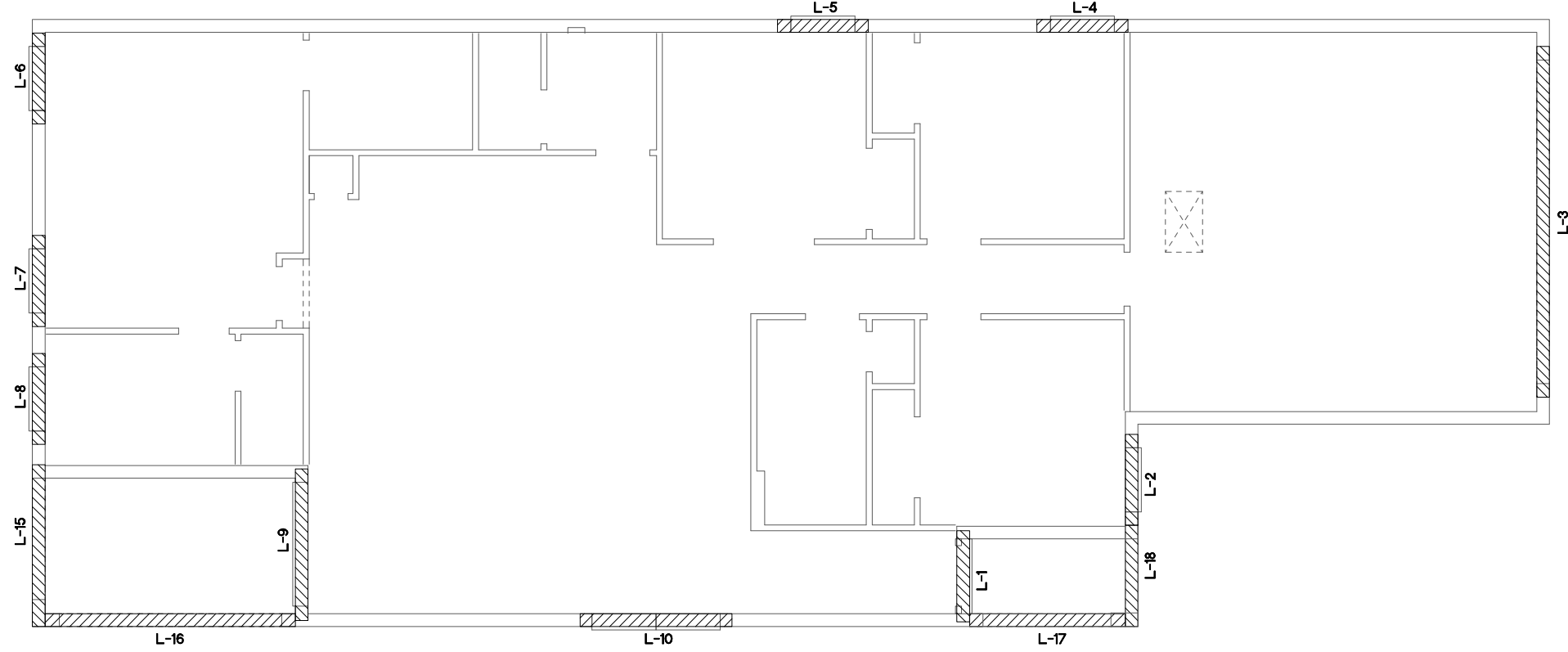
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CAST CRETE / LOTT'S / WEKIWA / FLORIDA ROCK LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	4'-6"	8F12-0B/1T	3080 FRONT DOOR
L 2	4'-6"	8F16-0B/1T	SH25
L 3	17'-4"	8F34-1B/1T	GARAGE DOOR
L 4	4'-6"	8F16-0B/1T	SH25
L 5	4'-6"	8F16-0B/1T	SH25
L 6	4'-6"	8F16-0B/1T	SH25
L 7	4'-6"	8F16-0B/1T	SH25
L 8	4'-6"	8F16-0B/1T	3/2X1/4 F.G.
L 9	7'-6"	8F16-0B/1T	6/0X8/0 SGD.
L 10	7'-6"	8F16-0B/1T	FR SH25
L 11			
L 12			
L 13			
L 14			
L 15	7'-6"	8F16-0B/1T	LANAI
L 16	13'-4"	8F8-1B/1T	LANAI
L 17	8'-0"	8F8-0B/1T	FRONT ENTRY
L 18	5'-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)



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LOT: 0000, COMMUNITY

DATE 06-01-22  
SCALE AS NOTED  
DRAWN RDC  
JOB 1501  
SHEET 09 OF SHEETS

1501 DELIGHT  
THRIVE SERIES

PRE CAST LINTEL LAYOUT

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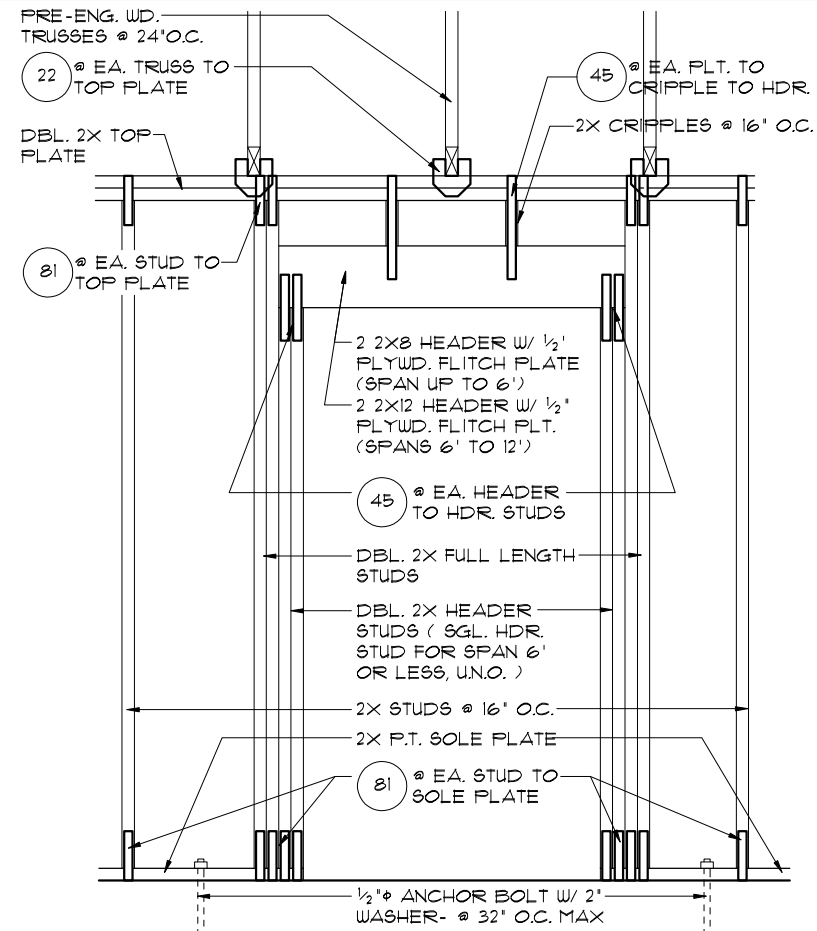
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THRIVE PRODUCT

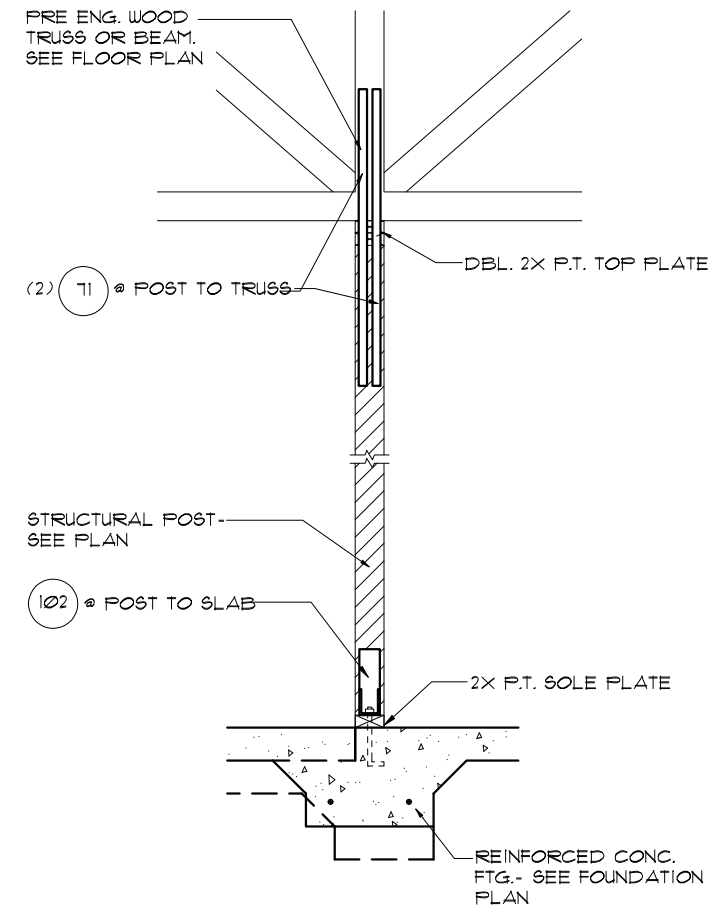
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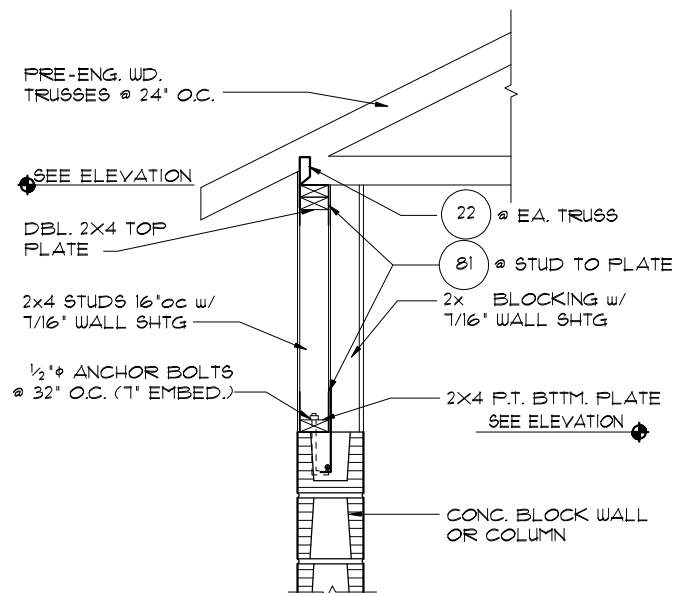




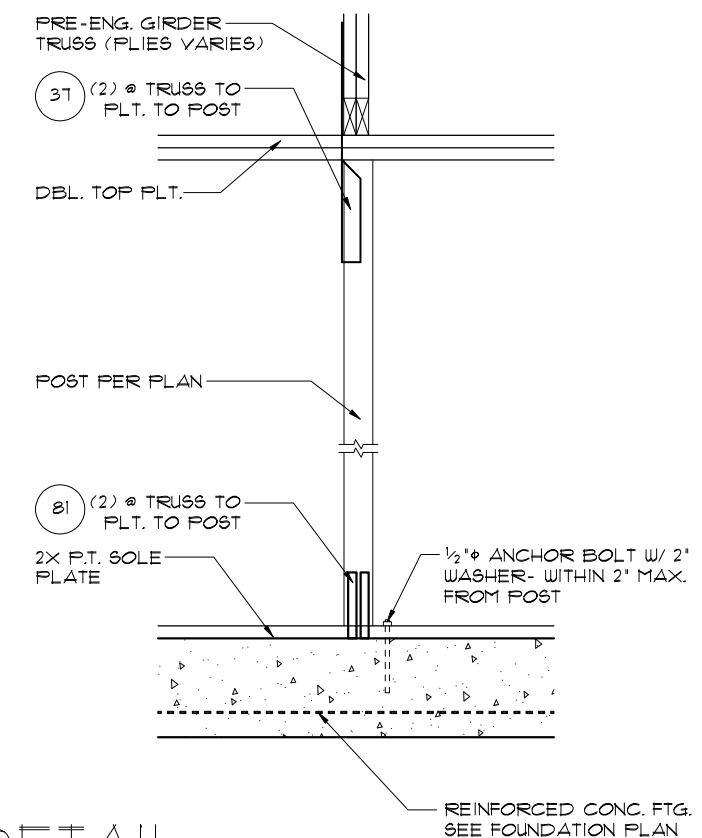
3  
DETAIL (BRG. W/ UPLIFT)  
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



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)

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**Park Square HOMES**

TYPICAL DETAILS / CONNECTOR SCHEDULE

1501 DELIGHT  
THRIVE SERIES

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1501
SHEET	11
OF	SHEETS

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