

# 1335

## AMAZE

### 30' THRIVE

30' X 65'

REVISION SCHEDULE			
NO.	DATE	DESCRIPTION	BY
1	03-30-23	-RE-DESIGN MASTER BATH & WALK IN CLOSET -RECESS CANS ILO LIGHT FIXTURES	RN
2	03-30-23	-ADD (2) PENDANT LTS PREWIRE OVER KITCHEN ISLAND	ME
3	01-26-24	-UPDATE TO FBC 2023 CODE	ME
4	06-26-24	-ADD A 2ND FAN TO MASTER BATH	ME

#### SHEET INDEX:

00	COVER SHEET
01.0	FOUNDATION PLAN A,B,C
01.1	FOUNDATION PLAN A,B,C- LANAI
02.0	FLOOR PLAN W/ DIMENSIONS A,B,C
02.1	FLOOR PLAN W/ DIMENSIONS A,B,C- LANAI
03.0	FLOOR PLAN W/ NOTES A,B,C
03.1	FLOOR PLAN W/ NOTES A,B,C- LANAI
04A.0	EXTERIOR ELEVS.- FRONT/ REAR "A"
04A.1	EXTERIOR ELEVS.- FRONT/ REAR "A"- LANAI
05A.0	EXTERIOR ELEVS.- LEFT/ RIGHT "A"
05A.1	EXTERIOR ELEVS.- LEFT/ RIGHT "A"- LANAI
06	CROSS SECTION AND INTERIOR ELEVATIONS
07.0	ELECTRICAL PLAN A,B,C
07.1	ELECTRICAL PLAN A,B,C- LANAI
08A.0	TRUSS LAYOUT "A"
08A.1	TRUSS LAYOUT "A"- LANAI
09.0	PRECAST LINTEL LAYOUT A,B,C
09.1	PRECAST LINTEL LAYOUT A,B,C- LANAI
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

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02.1	FLOOR PLAN W/ DIMENSIONS A,B,C- LANAI
03.0	FLOOR PLAN W/ NOTES A,B,C
03.1	FLOOR PLAN W/ NOTES A,B,C- LANAI
04B.0	EXTERIOR ELEVS.- FRONT/ REAR "B"
04B.1	EXTERIOR ELEVS.- FRONT/ REAR "B"- LANAI
05B.0	EXTERIOR ELEVS.- LEFT/ RIGHT "B"
05B.1	EXTERIOR ELEVS.- LEFT/ RIGHT "B"- LANAI
06	CROSS SECTION AND INTERIOR ELEVATIONS
07.0	ELECTRICAL PLAN A,B,C
07.1	ELECTRICAL PLAN A,B,C- LANAI
08B.0	TRUSS LAYOUT "B"
08B.1	TRUSS LAYOUT "B"- LANAI
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03.0	FLOOR PLAN W/ NOTES A,B,C
03.1	FLOOR PLAN W/ NOTES A,B,C- LANAI
04C.0	EXTERIOR ELEVS.- FRONT/ REAR "C"
04C.1	EXTERIOR ELEVS.- FRONT/ REAR "C"- LANAI
05C.0	EXTERIOR ELEVS.- LEFT/ RIGHT "C"
05C.1	EXTERIOR ELEVS.- LEFT/ RIGHT "C"- LANAI
06	CROSS SECTION AND INTERIOR ELEVATIONS
07.0	ELECTRICAL PLAN A,B,C
07.1	ELECTRICAL PLAN A,B,C- LANAI
08C.0	TRUSS LAYOUT "C"
08C.1	TRUSS LAYOUT "C"- LANAI
09.0	PRECAST LINTEL LAYOUT A,B,C
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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

DATE 06-01-22  
SCALE AS NOTED  
DRAWN RDC  
JOB 1335  
SHEET  
OF 00 SHEETS

1335 AMAZE

THRIVE SERIES

COVER SHEET

Park Square HOMES

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

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www.iteg.com

THRIVE PRODUCT

REVISIONS BY

REVISIONS	BY

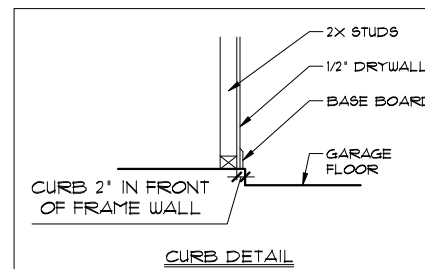
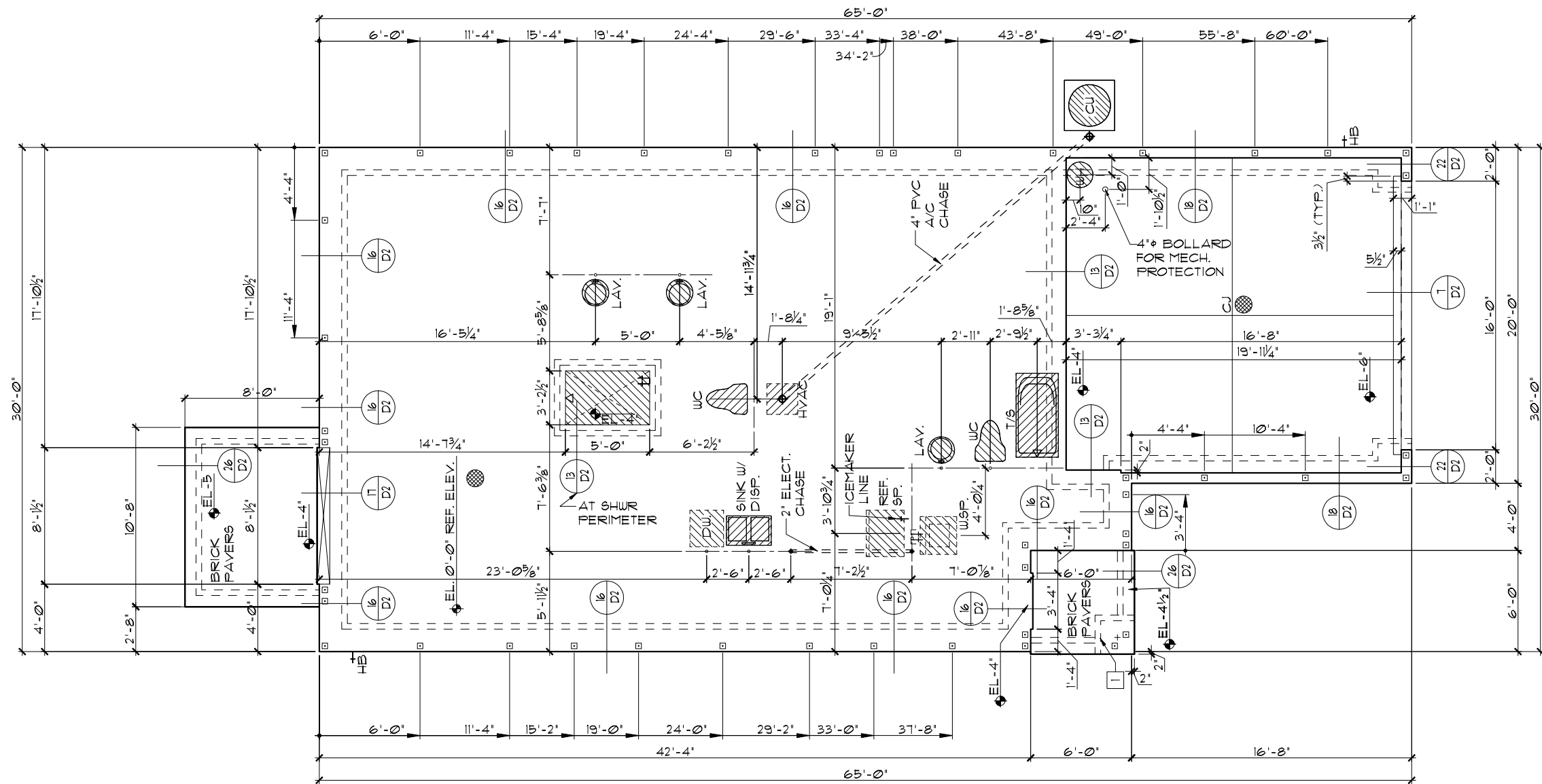
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**FOUNDATION NOTES**

1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
2. □ DENOTES FILLED CELL REINFORCED W/ CONC. & (1) #5 REBAR, GRADE 60
3. ■ DENOTES FILLED CELL REINFORCED W/ CONC. & (2) #5 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. TERMITE 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 TERMITE TREATING THE SOIL, TERMICIDE MAY BE USED AS AN ALTERNATIVE.

**FOUNDATION PLAN B**

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
C	FOOTING CHANGE / TRANSITION

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LOT: 0000, COMMUNITY

THRIVE PRODUCT

1335 AMAZE	
THRIVE SERIES	
DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1335
SHEET	01.0
OF	SHEETS

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FOUNDATION PLAN

1335 AMAZE  
THRIVE SERIES

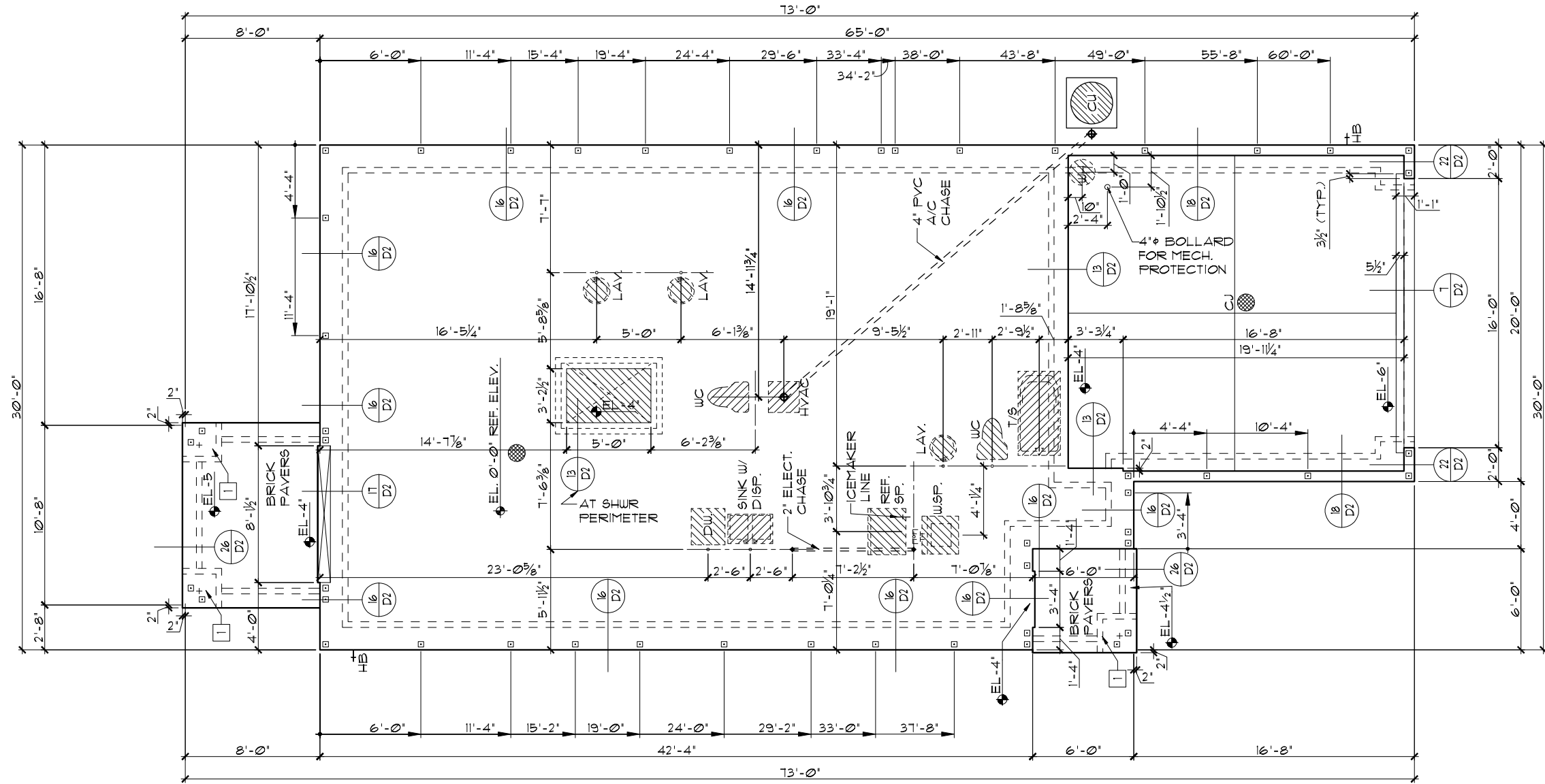
THRIVE PRODUCT

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

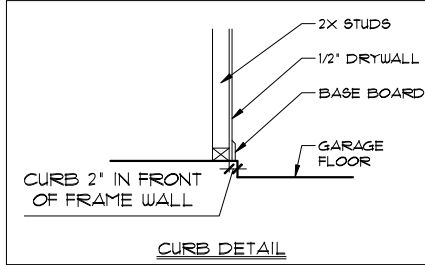
REVISIONS BY

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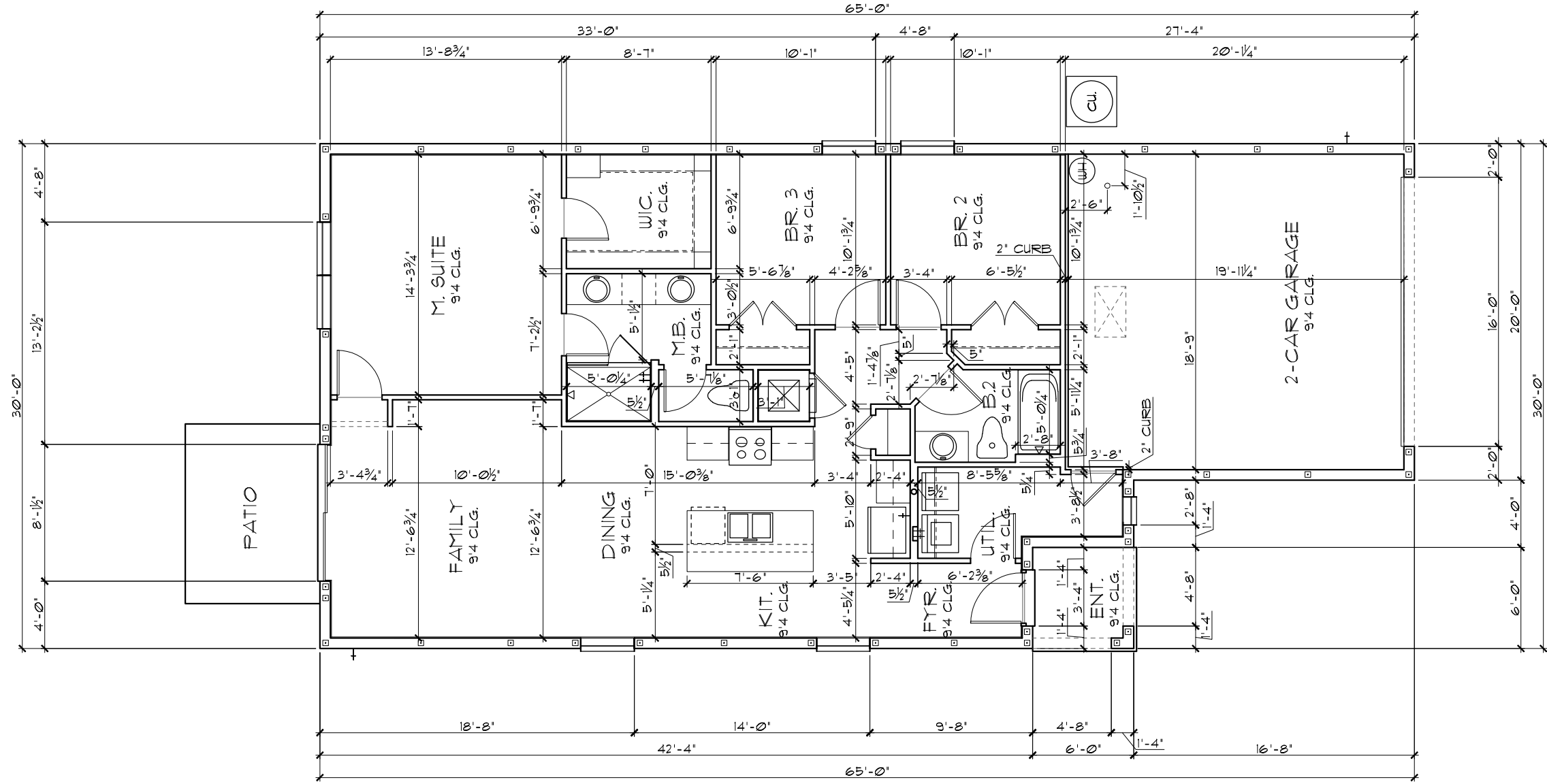
**FOUNDATION PLAN A,B,C**  
 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



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
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<b>THRIVE PRODUCT</b>	
<b>1335 AMAZE</b>	<b>THRIVE SERIES</b>
<b>FOUNDATION PLAN</b>	<b>REVISIONS</b>
<b>Park Square HOMES</b>	<b>BY</b>
<b>A DIVISION OF PARK SQUARE ENTERPRISES, INC.</b> 5200 Vineland Road, Suite 200 Orlando, Florida, 32811 Phone: (407) 529 - 3000	<b>ITEG</b> THOMPSON ENGINEERING GROUP, INC. 10000 Lake Nona Blvd., Suite 100 Orlando, FL 32826 Tel: (407) 724-1400 Fax: (407) 724-1700 www.iteg.com
<b>DATE</b> 06-01-22	<b>SCALE</b> AS NOTED
<b>DRAWN</b> RDC	<b>JOB</b> 1335
<b>SHEET</b> 01.1	<b>OF</b> SHEETS



TABULATION	
TOTAL LIVING	1,335 SF.
GARAGE	412 SF.
ENTRY	36 SF.
LANAI	0 SF.
TOTAL UNDER ROOF	1,783 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 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)

THRIVE PRODUCT

LOT: 0000, COMMUNITY

REVISIONS	BY

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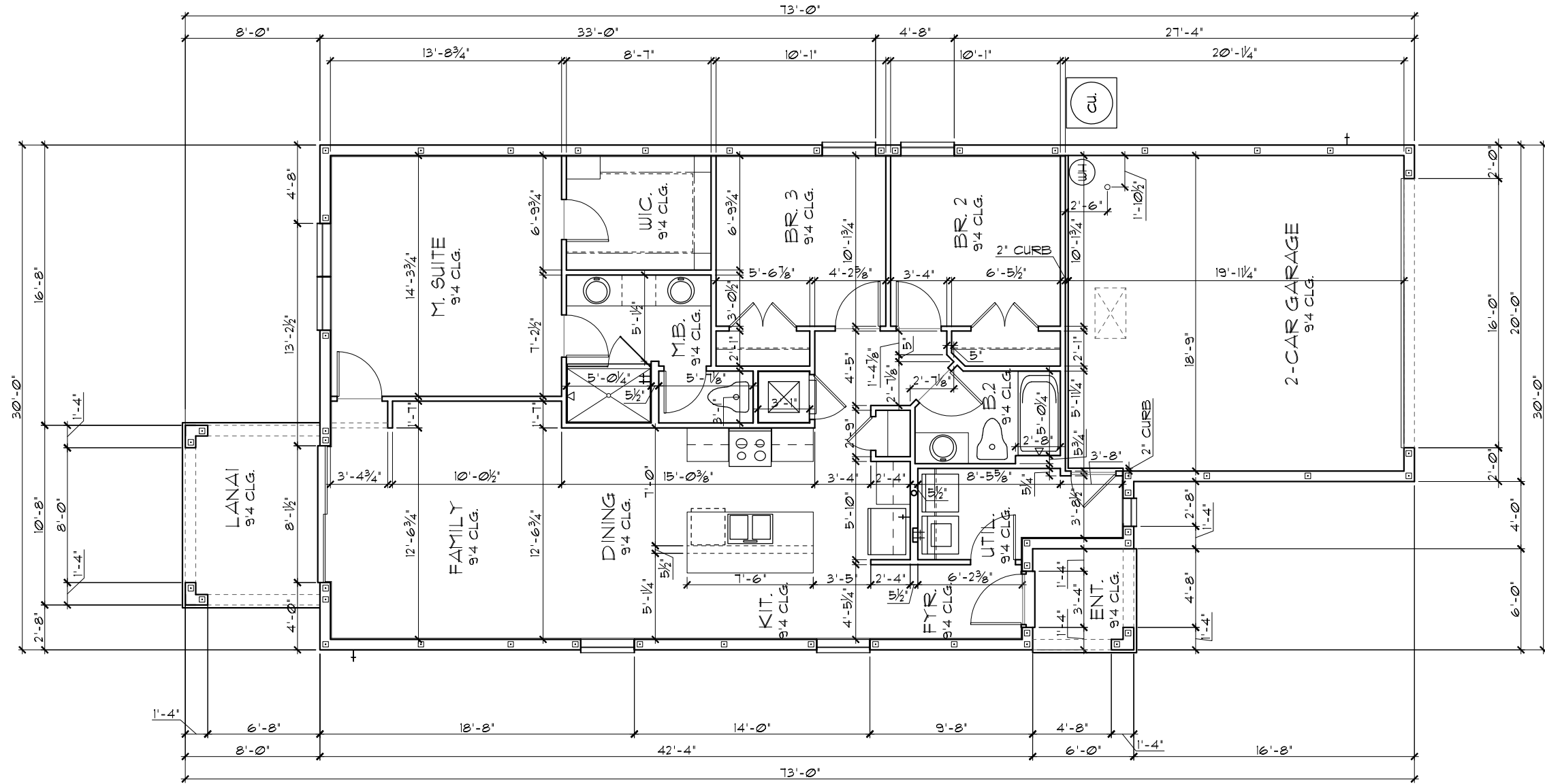
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1335 AMAZE  
 THRIVE SERIES

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1335
SHEET	02.0
OF	SHEETS

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TABULATION	
TOTAL LIVING	1,335 SF.
GARAGE	412 SF.
ENTRY	36 SF.
LANAI	80 SF.
TOTAL UNDER ROOF	1,863 SF.

- GENERAL NOTES**
1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
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  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 CEILINGS AT 9'-4" UNLESS NOTED OTHERWISE.
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**FLOOR PLAN W/ DIMENSIONS A,B,C,**  
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<b>1335 AMAZE</b> <b>THRIVE SERIES</b>	<b>FLOOR PLAN W/ DIMENSIONS</b> <b>Park Square HOMES</b>
DATE 06-01-22 SCALE AS NOTED DRAWN RDC JOB 1335 SHEET 021 OF SHEETS	REVISIONS BY



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

**DEAD LOADS**

FLOOR: STRUCTURE	1 P/SF
CEILINGS	3 P/SF
MECH/ELEC	5 P/SF
PARTITIONS	5 P/SF
<b>TOTAL</b>	<b>20 P/SF</b>

**ROOF: LIVE LOADS**

SHEATHING	5 P/SF
STRUCTURE	1 P/SF
CEILINGS	3 P/SF
MECH/ELEC	5 P/SF
<b>TOTAL</b>	<b>20 P/SF</b>

**FLOOR LIVE LOADS**

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

**ROOF LIVE LOADS**

MINIMUM ROOF LIVE LOAD (P/SF)  
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

- BASIC WIND SPEED: 140 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: B
- BUILDING TYPE: V-B
- ENCLOSURE CLASSIFICATION: +/-1B, INCLUDED INTERNAL PRESSURE IN NOTE #6 COEFFICIENT:
- 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.

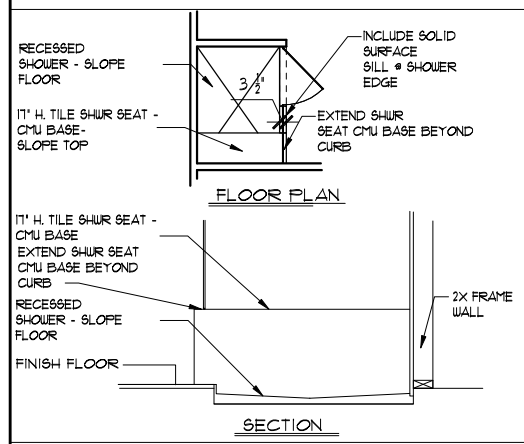
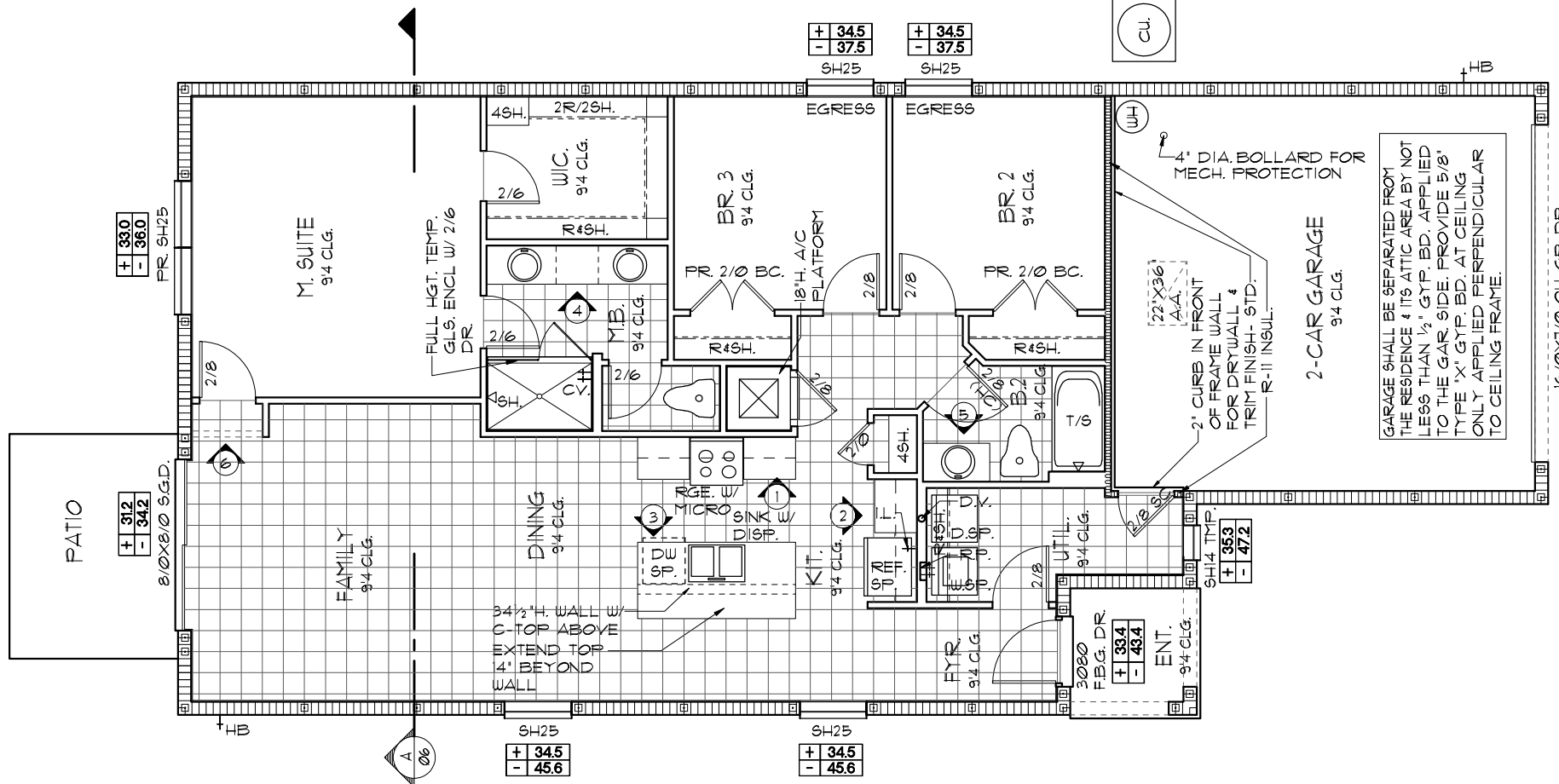
**GENERAL NOTES**

- 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.
- |  |  |
|--|--|
|  | DENOTES CONC. BLOCK WALL HGT. @ 9'-4" A.F.F. |
|  | DENOTES CONC. BLOCK WALL HGT. @ X'-0" A.F.F. |
- REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
- REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
- ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M1307.1 - M1307.2
- ALL INTER. FIRST FLOOR CEILINGS AT 9'-4" UNLESS NOTED OTHERWISE.  
ALL INTER. SECOND FLOOR CEILINGS AT X'-X" 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 IAW R302.5.1

EERO - R310.2.1 - FBCR2023

SH25	NET CLEAR OPNG. HEIGHT 32' X NET CLEAR OPNG. WIDTH 21 1/2' = 6.119 SQFT	NET CLEAR OPNG. OF NOT LESS THAN 5.7 SQFT MIN. NET CLEAR OPNG. HEIGHT DIMENSION SHALL BE 24'. THE MIN. NET CLEAR OPNG. WIDTH DIMENSION SHALL BE 20'.
SH25	63" H. X 31" W. WDW SIZE	MIN. NET CLEAR OPNG. FOR GRADE-FLOOR EMERGENCY ESCAPE AND RESCUE OPNG. SHALL BE 5.7 SQFT



**FLOOR PLAN W/ NOTES A,B,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

THRIVE PRODUCT

FLOOR PLAN W/ NOTES

1335 AMAZE

LOT: 000, COMMUNITY

REVISIONS	BY

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

Park Square HOMES

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1335
SHEET	03.0
OF SHEETS	

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ITEG  
HARRISON ENGINEERING GROUP, INC.  
10000 W. Colonial Ave., Suite 100  
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Tel: (407) 734-1400  
Fax: (407) 734-1790  
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**LOAD INFORMATION**  
PER 8TH EDITION, 2023 FLORIDA BUILDING  
RESIDENTIAL CODE

**DEAD LOADS**

FLOOR: STRUCTURE	1 P/SF
CEILINGS	3 P/SF
MECH/ELEC	5 P/SF
PARTITIONS	5 P/SF
TOTAL	20 P/SF

**ROOF: LIVE LOADS**

SHEATHING	5 P/SF
STRUCTURE	1 P/SF
CEILINGS	3 P/SF
MECH/ELEC	5 P/SF
TOTAL	20 P/SF

**FLOOR LIVE LOADS**

RESIDENTIAL FLOOR:	40 P/SF
UNINHABITABLE ATTIC WITHOUT STORAGE:	10 P/SF
UNINHABITABLE ATTIC W/LIMITED STORAGE:	20 P/SF

**ROOMS OTHER THAN SLEEPING ROOM:**

SLEEPING ROOM:	40 P/SF
SLEEPING ROOM:	30 P/SF
STAIR LIVE LOAD:	40 P/SF
BALCONIES:	40 P/SF
PASSANGER VEHICLE GARAGE:	50 P/SF

**ROOF LIVE LOADS**  
MINIMUM ROOF LIVE LOAD (P/SF)  
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

- BASIC WIND SPEED: 140 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: B
- BUILDING TYPE: V-B
- ENCLOSURE CLASSIFICATION: +/-1B, INCLUDED INTERNAL PRESSURE IN NOTE #6 COEFFICIENT:
- 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.

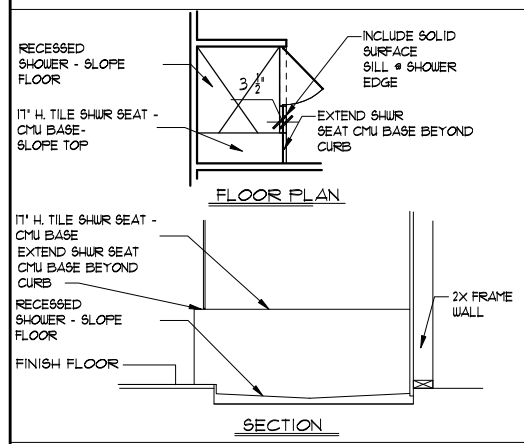
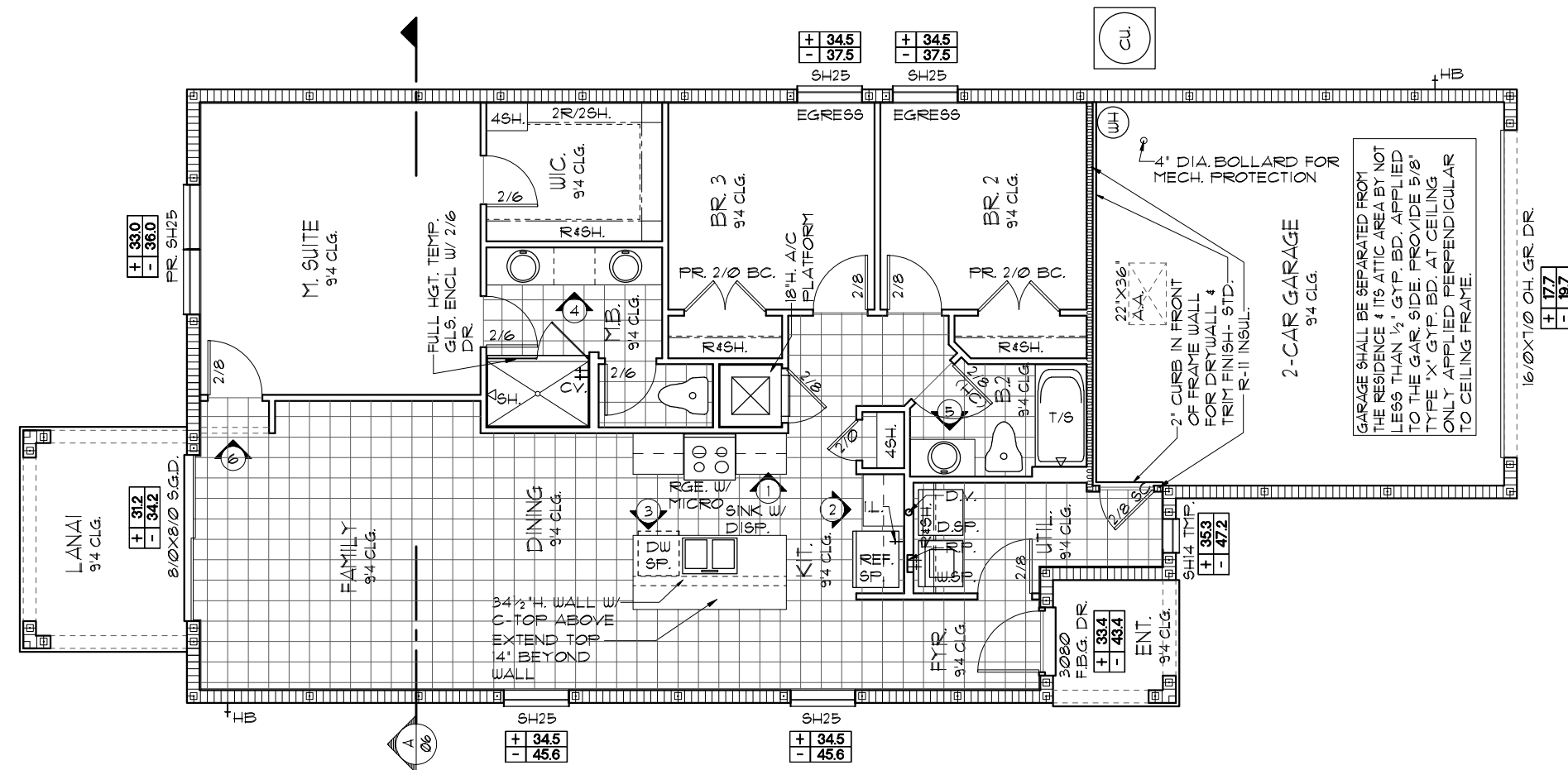
**GENERAL NOTES**

- 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.
- |  |  |
|--|--|
|  | DENOTES CONC. BLOCK WALL HGT. @ 9'-4" A.F.F. |
|  | DENOTES CONC. BLOCK WALL HGT. @ X'-0" A.F.F. |
- REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
- REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
- ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M1307.1 - M1307.2
- ALL INTER. FIRST FLOOR CEILINGS AT 9'-4" UNLESS NOTED OTHERWISE.  
ALL INTER. SECOND FLOOR CEILINGS AT X'-X" 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 IAW R302.5.1

EERO- R310.2.1- FBCR2023

SH25	NET CLEAR OPNG. HEIGHT 32' X NET CLEAR OPNG. WIDTH 21 1/2' = 6.119 SQFT	NET CLEAR OPNG. OF NOT LESS THAN 5.7 SQFT MIN. NET CLEAR OPNG. HEIGHT DIMENSION SHALL BE 24'. THE MIN. NET CLEAR OPNG. WIDTH DIMENSION SHALL BE 20'.
SH25	63" H. X 31" W. WDW SIZE	MIN. NET CLEAR OPNG. FOR GRADE-FLOOR EMERGENCY ESCAPE AND RESCUE OPNG. SHALL BE 5.7 SQFT



**FLOOR PLAN W/ NOTES A,B,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

THRIVE PRODUCT

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Phone: (407) 529 - 3000

**Park Square HOMES**  
FLOOR PLAN W/ NOTES

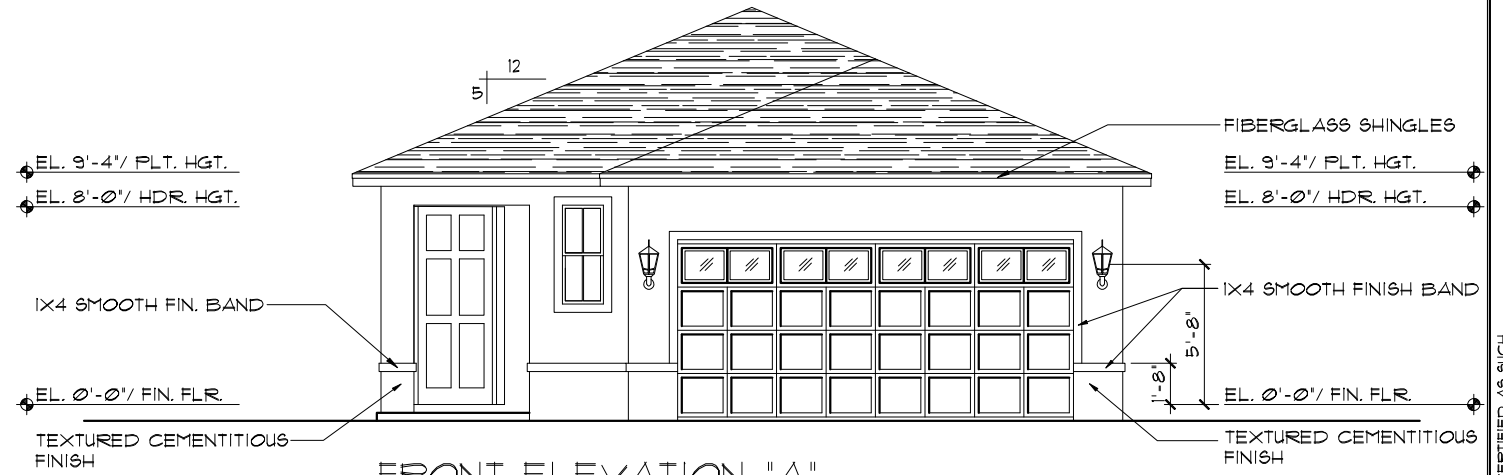
1335 AMAZE  
THRIVE SERIES  
DATE 06-01-22  
SCALE AS NOTED  
DRAWN RDC  
JOB 1335  
SHEET  
03.1 OF SHEETS

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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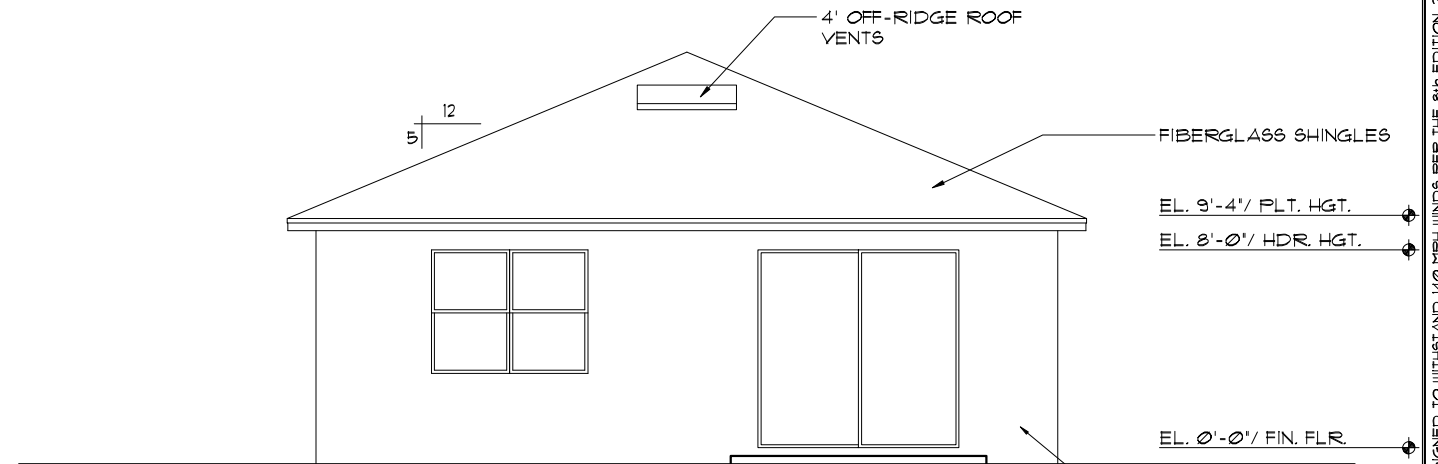
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**FRONT ELEVATION "A"**

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



**REAR ELEVATION "A"**

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

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**Park Square**  
 HOMES

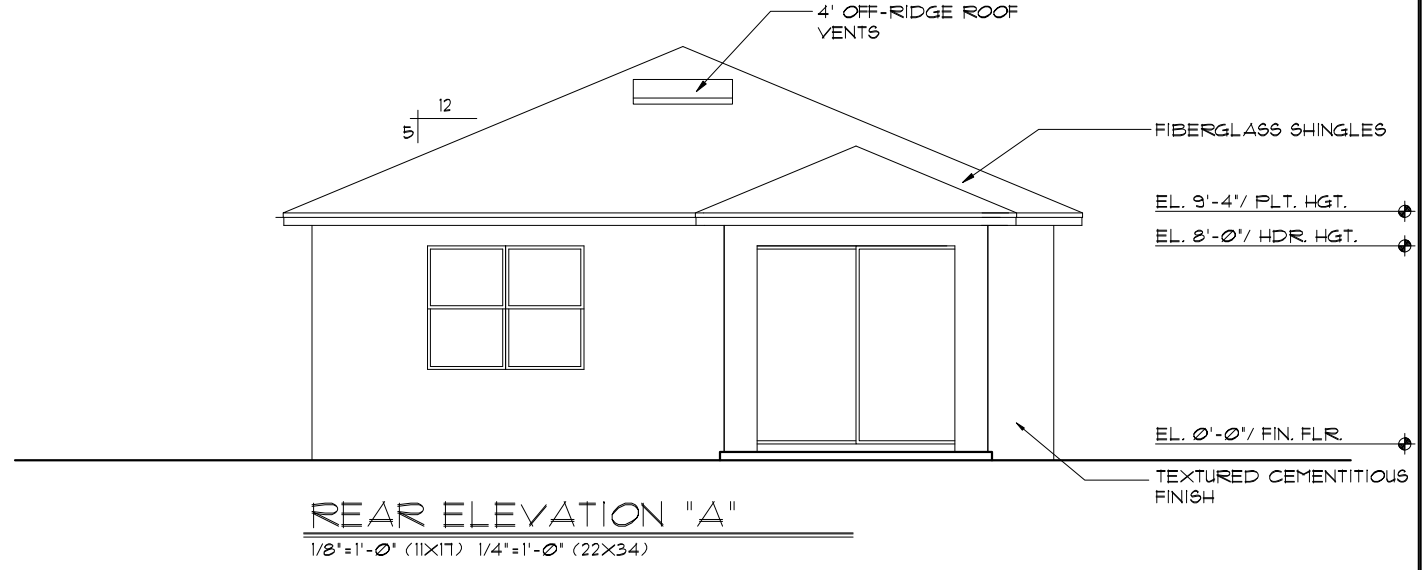
EXTERIOR ELEVATION  
 FRONT AND REAR

1335 AMAZE  
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DRAWN	RDC
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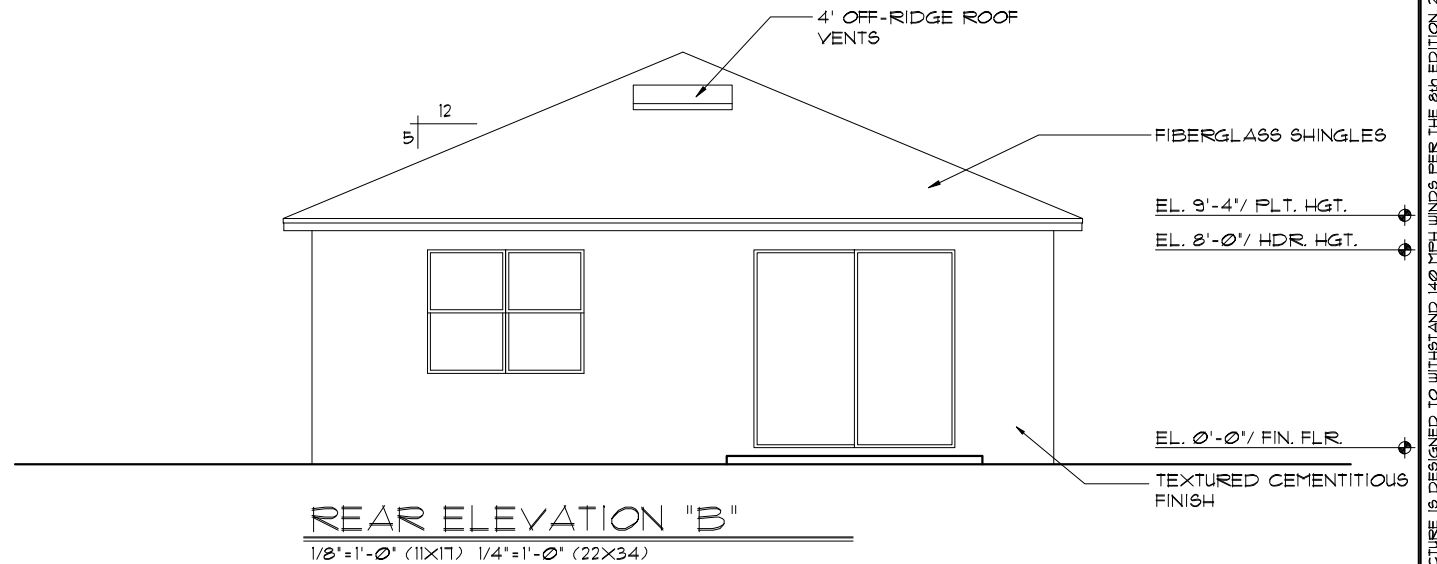
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**Park Square HOMES**  
 EXTERIOR ELEVATION  
 FRONT AND REAR

1335 AMAZE	DATE	06-01-22
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OF	04

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**1335 AMAZE**  
**THRIVE SERIES**

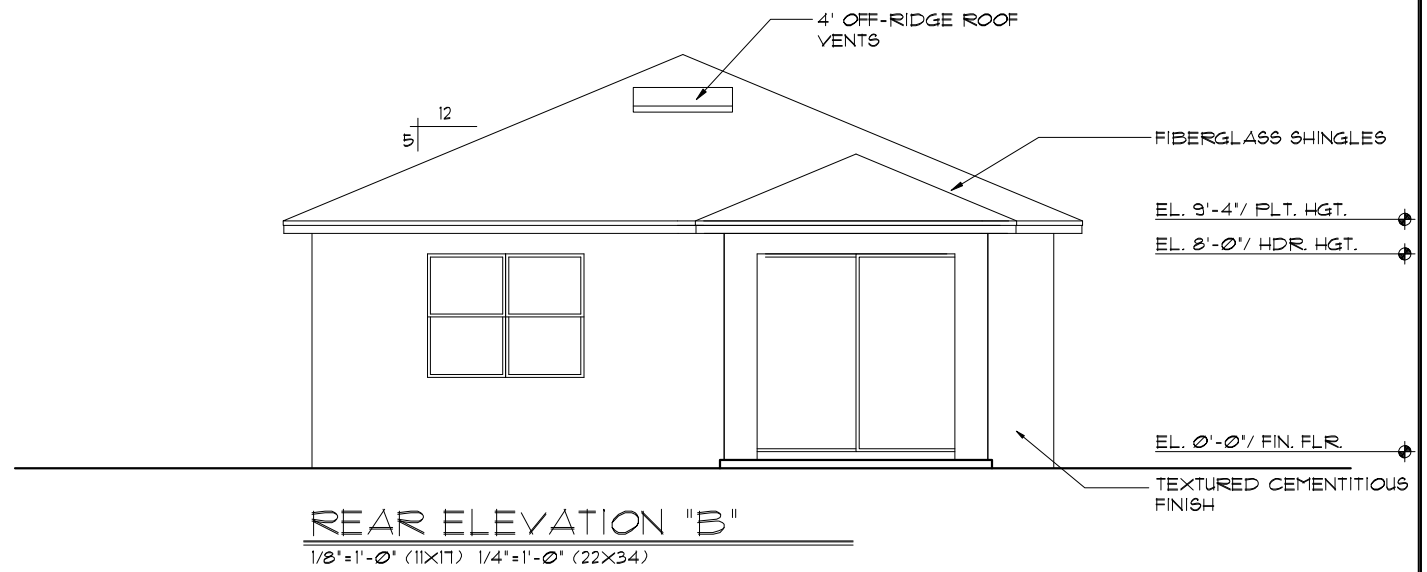
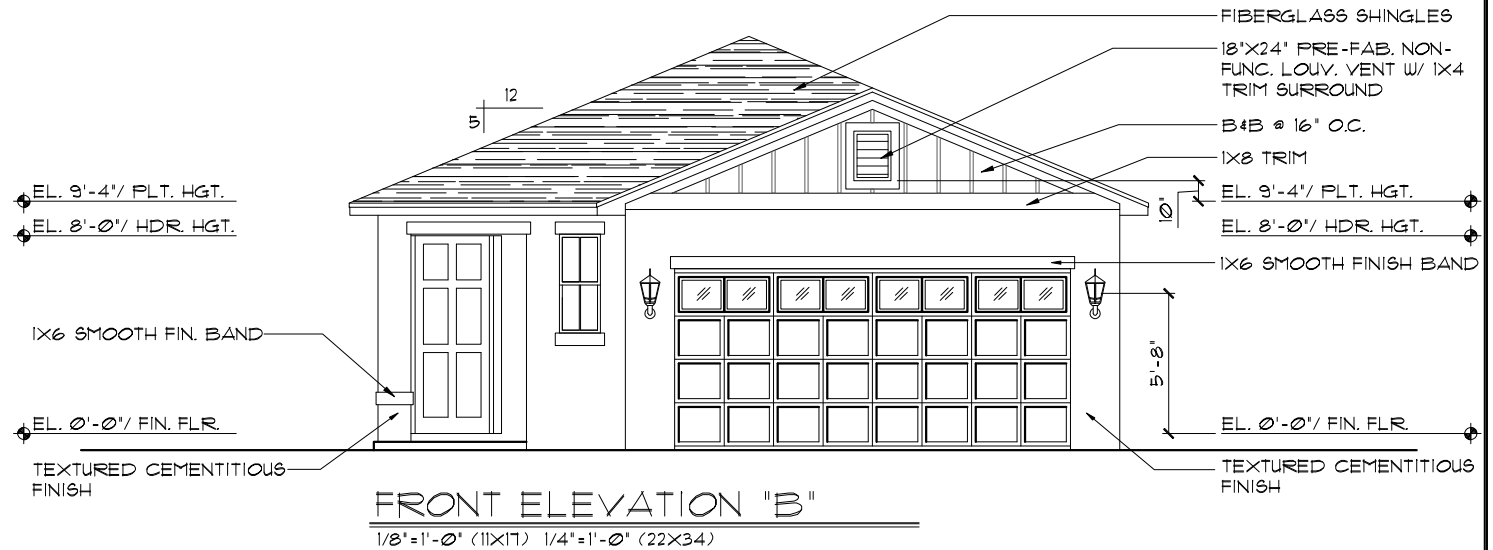
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OF	1 SHEETS

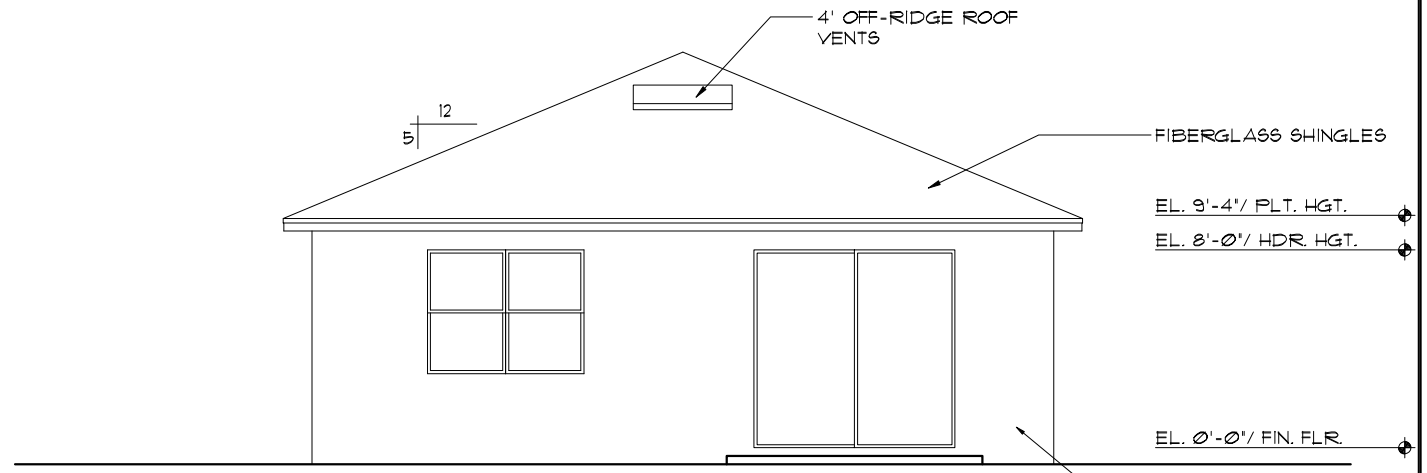
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**FRONT ELEVATION "C"**

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**REAR ELEVATION "C"**

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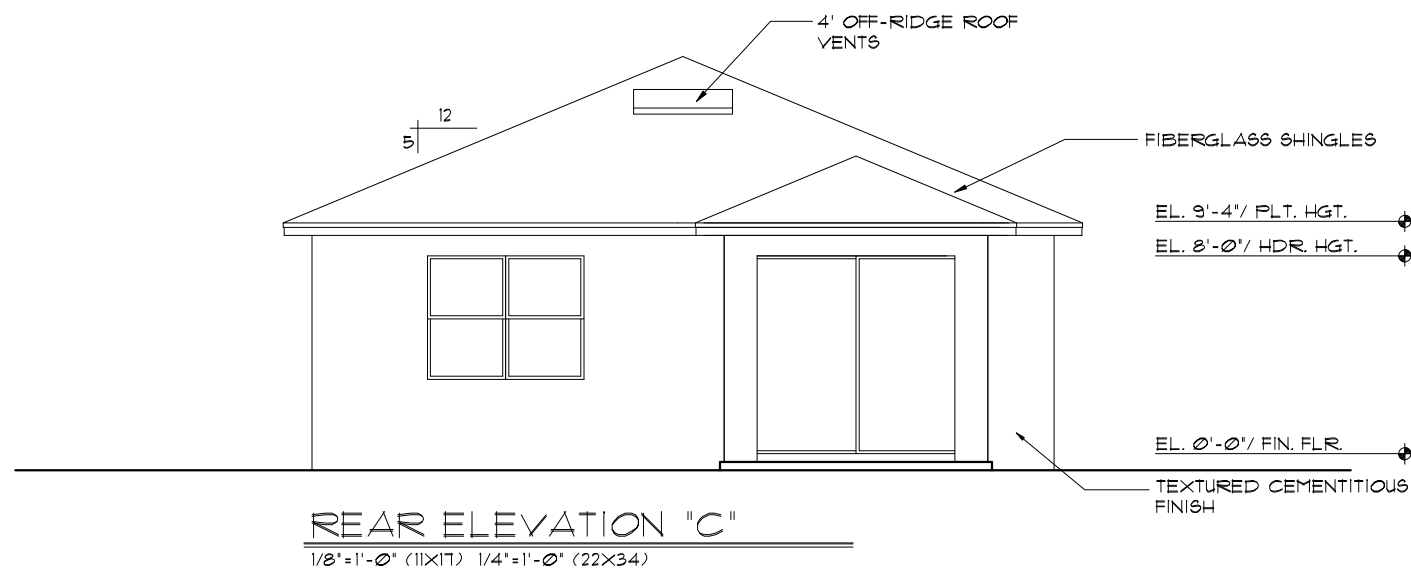
**EXTERIOR ELEVATION FRONT AND REAR**

**1335 AMAZE**  
**THRIVE SERIES**

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1335
SHEET	04C.0
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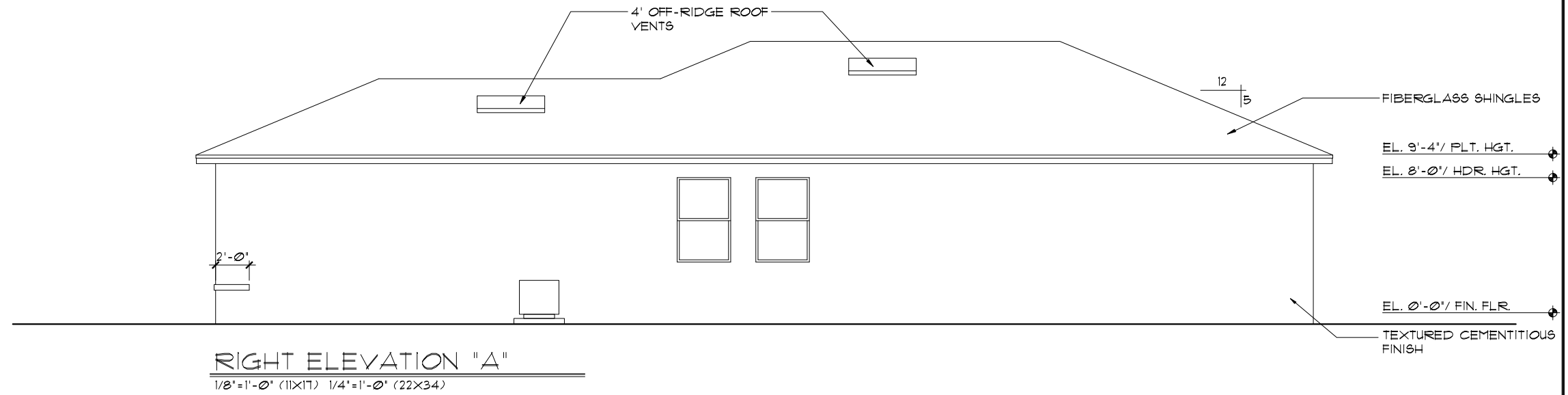
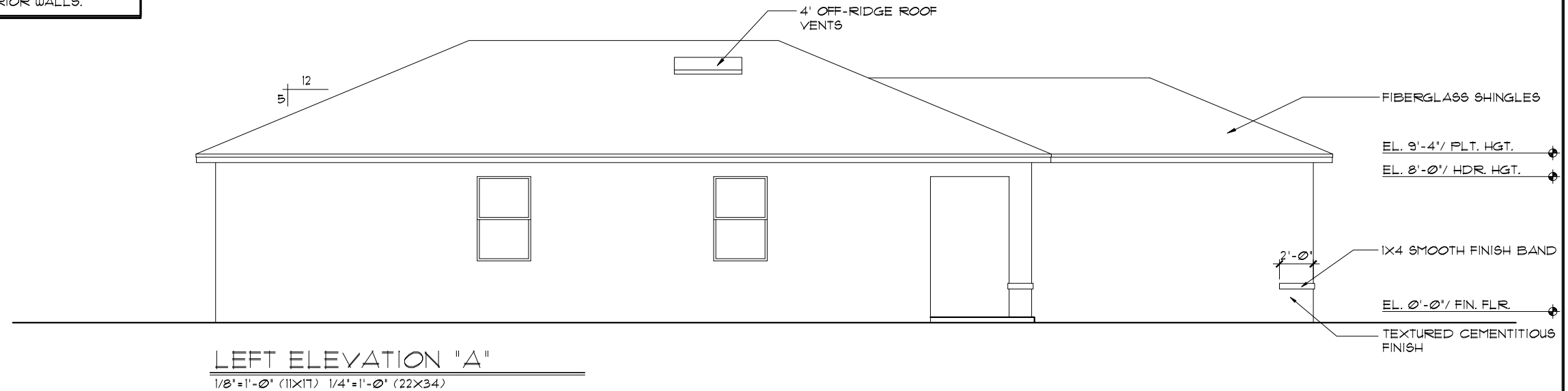
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EXTERIOR ELEVATION FRONT AND REAR	
1335 AMAZE THRIVE SERIES	DATE 06-01-22 SCALE AS NOTED DRAWN RDC JOB 1335 SHEET <b>04C.1</b> OF SHEETS

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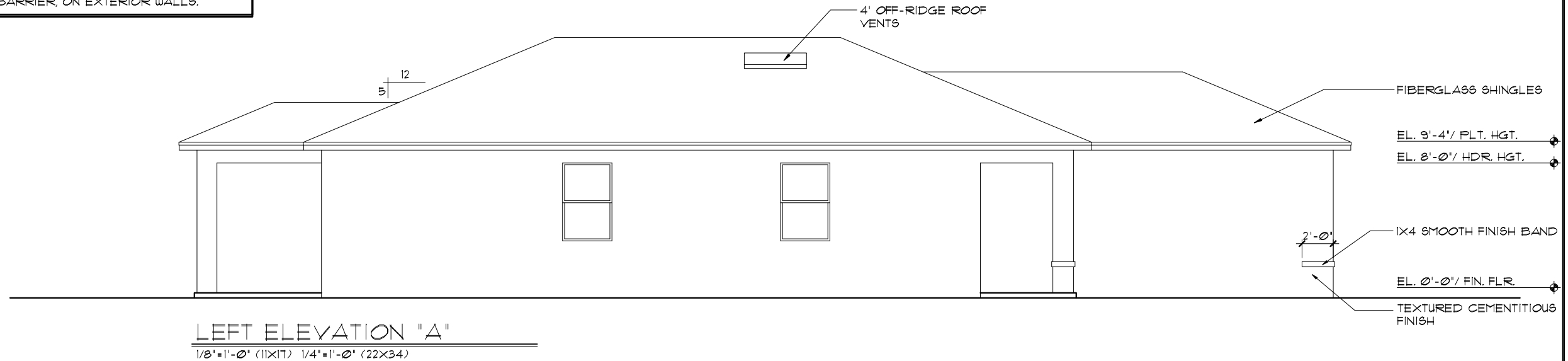
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EXTERIOR ELEVATION LEFT AND RIGHT	
1335 AMAZE THRIVE SERIES	
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OF	SHEETS

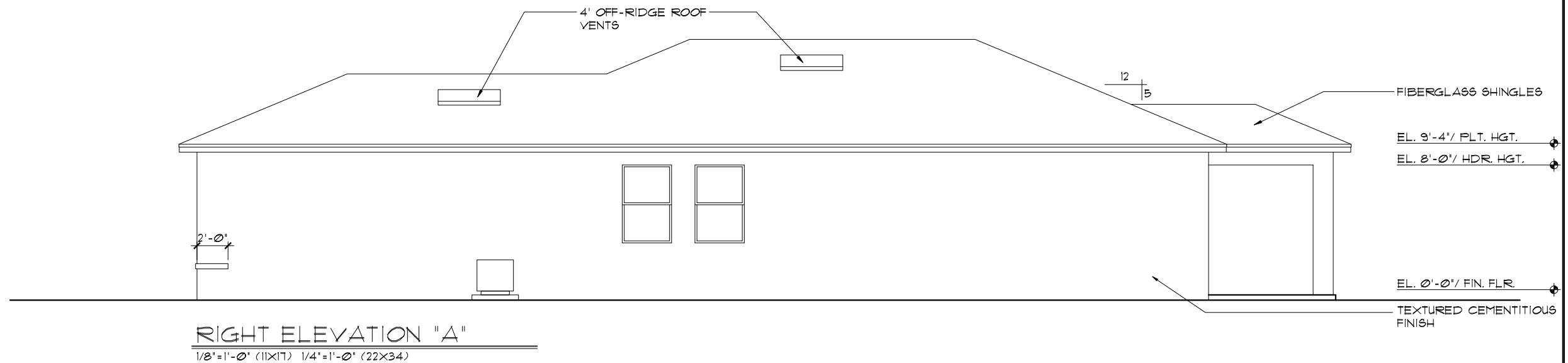
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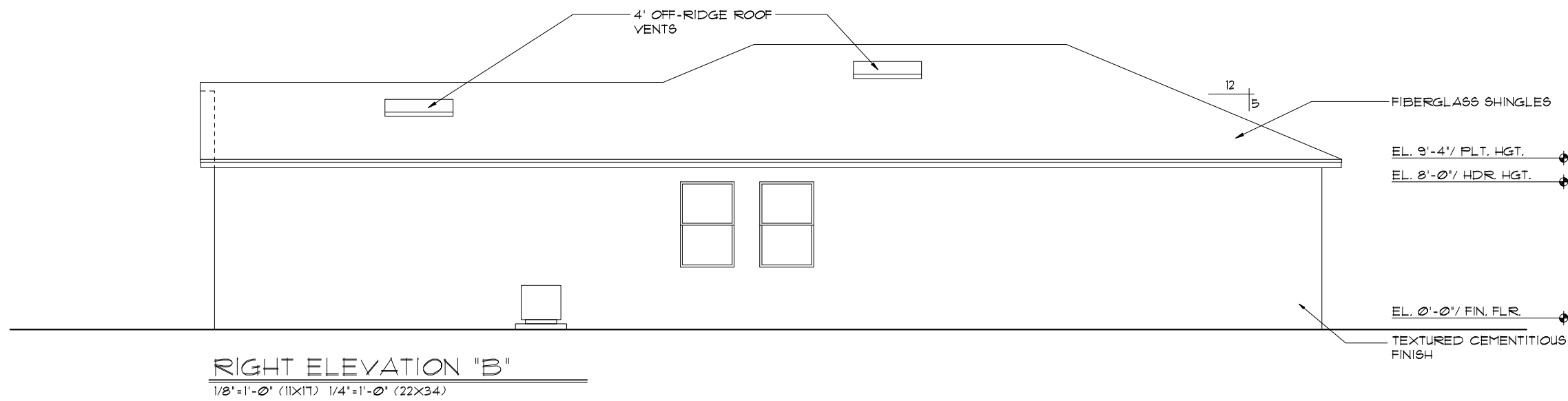
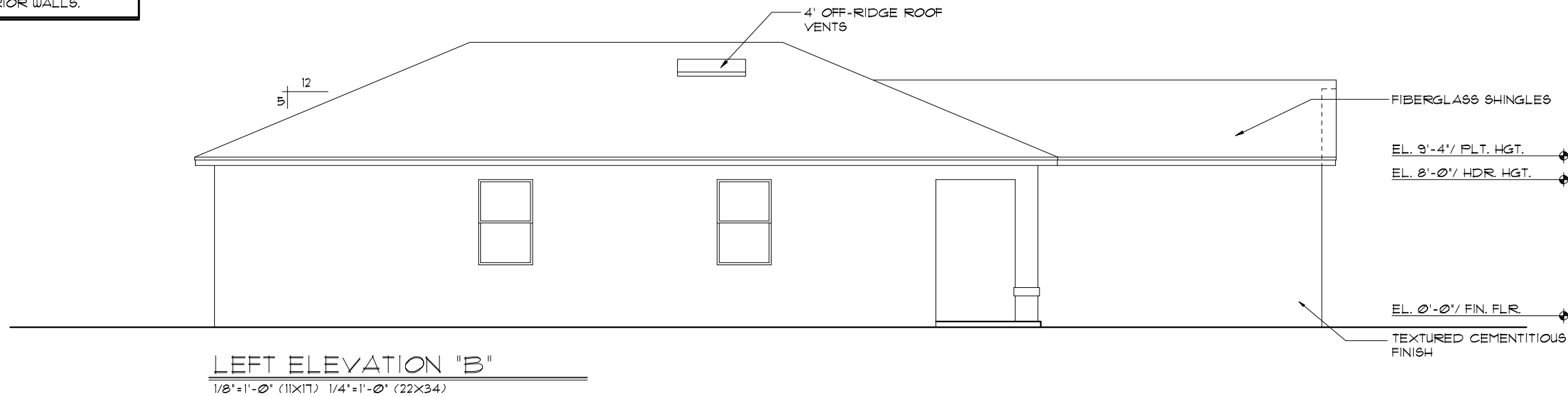
**Park Square HOMES**

1335 AMAZE  
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**Park Square HOMES**

**EXTERIOR ELEVATION  
LEFT AND RIGHT**

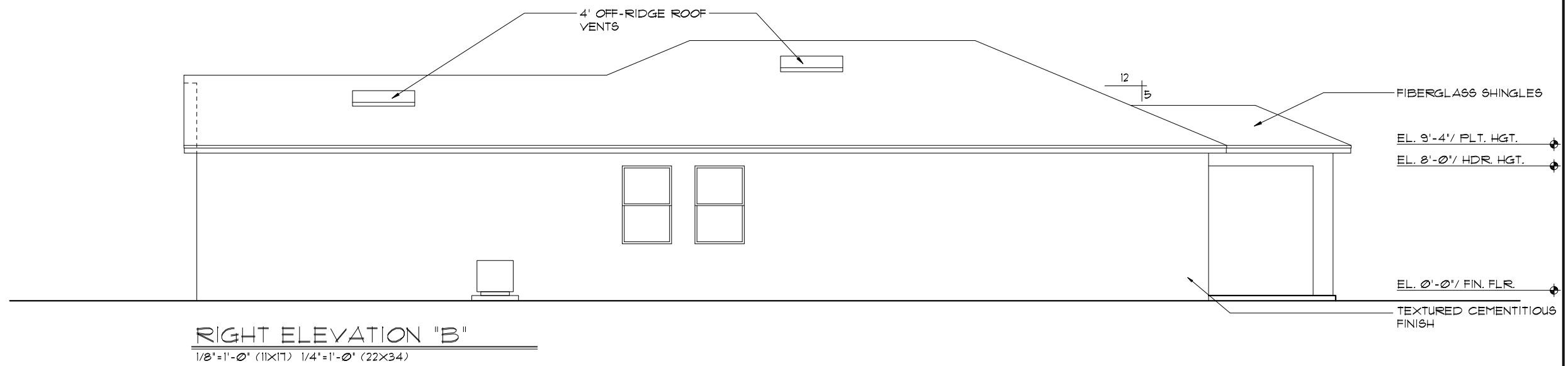
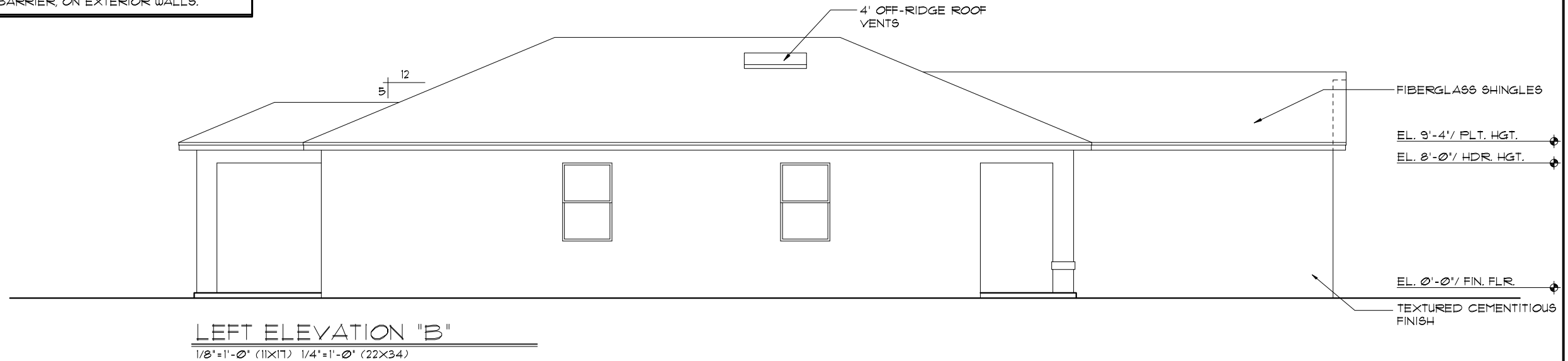
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1335 AMAZE

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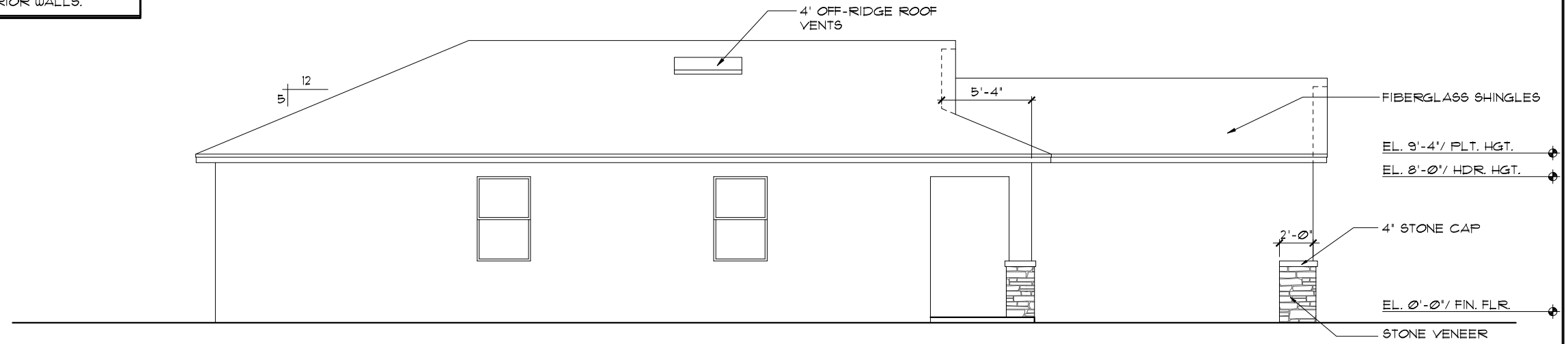
**RDC**  
RICHARDSON ENGINEERING GROUP, INC.  
10000 W. BOULEVARD, SUITE 200  
ORLANDO, FLORIDA 32811  
TEL: (407) 734-1400  
FAX: (407) 734-1790  
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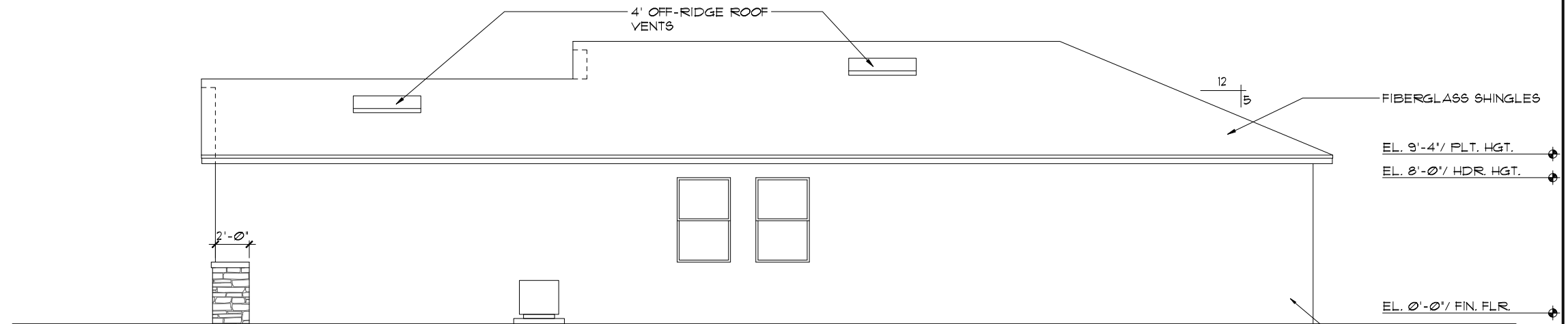
**EXTERIOR FINISH NOTES**

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.



**LEFT 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)

**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

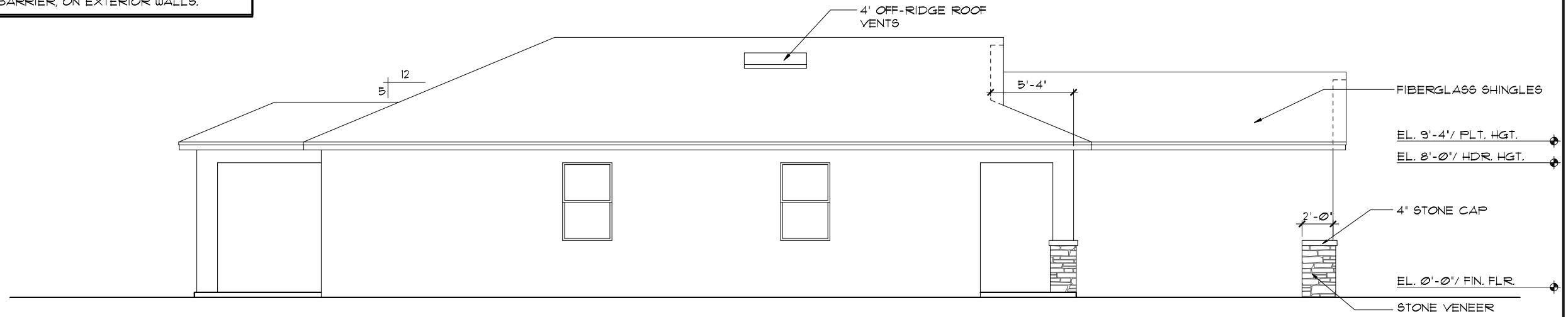
REVISIONS		BY
A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida, 32811 Phone: (407) 529-3000		
<b>1335 AMAZE</b> <b>THRIVE SERIES</b>		DATE 06-01-22 SCALE AS NOTED DRAWN RDC JOB 1335 SHEET 05C OF 0 SHEETS

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EXTERIOR ELEVATION LEFT AND RIGHT

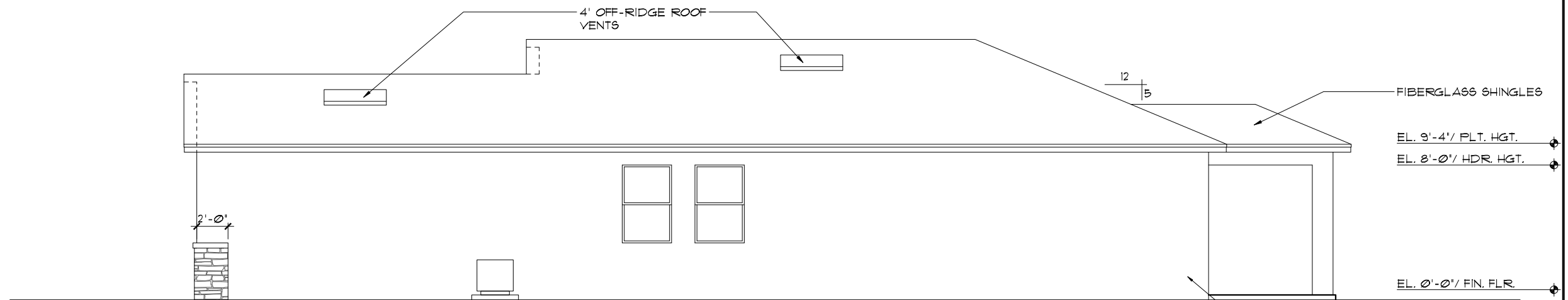
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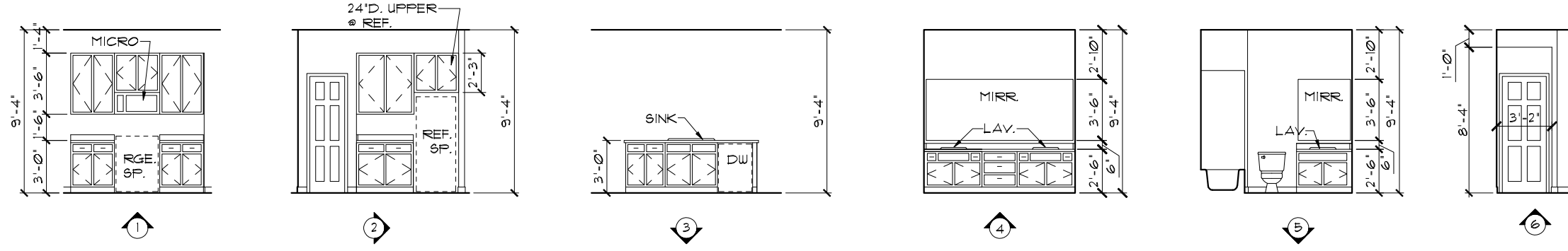
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**EXTERIOR ELEVATION LEFT AND RIGHT**

**1335 AMAZE THRIVE SERIES**

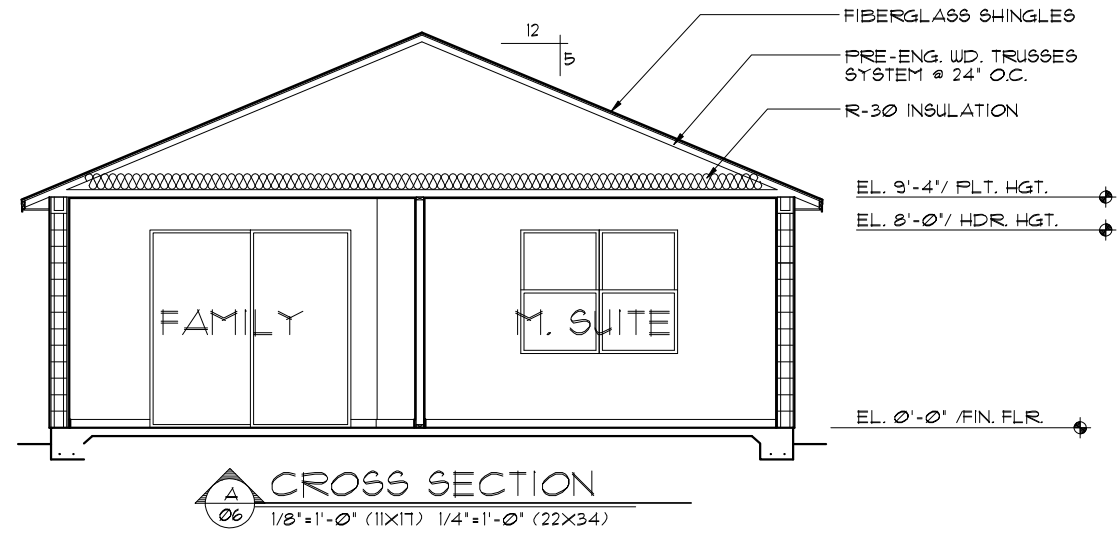
DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1335
SHEET	05C.0
OF	05C.0 SHEETS



## 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.



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

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CROSS SECTION /  
INTERIOR ELEVATIONS

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THRIVE PRODUCT

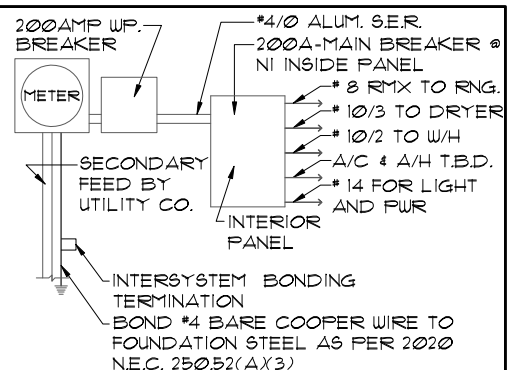
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www.iteg.com

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1335
SHEET	06
OF	SHEETS

**MECHANICAL/GENERAL NOTES**

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  - 2.) APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION.
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  - 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.
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  - 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.
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  - 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. ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(A X1) TO (6), LOCAL CODES, AND THE LOCAL POWER COMPANY.

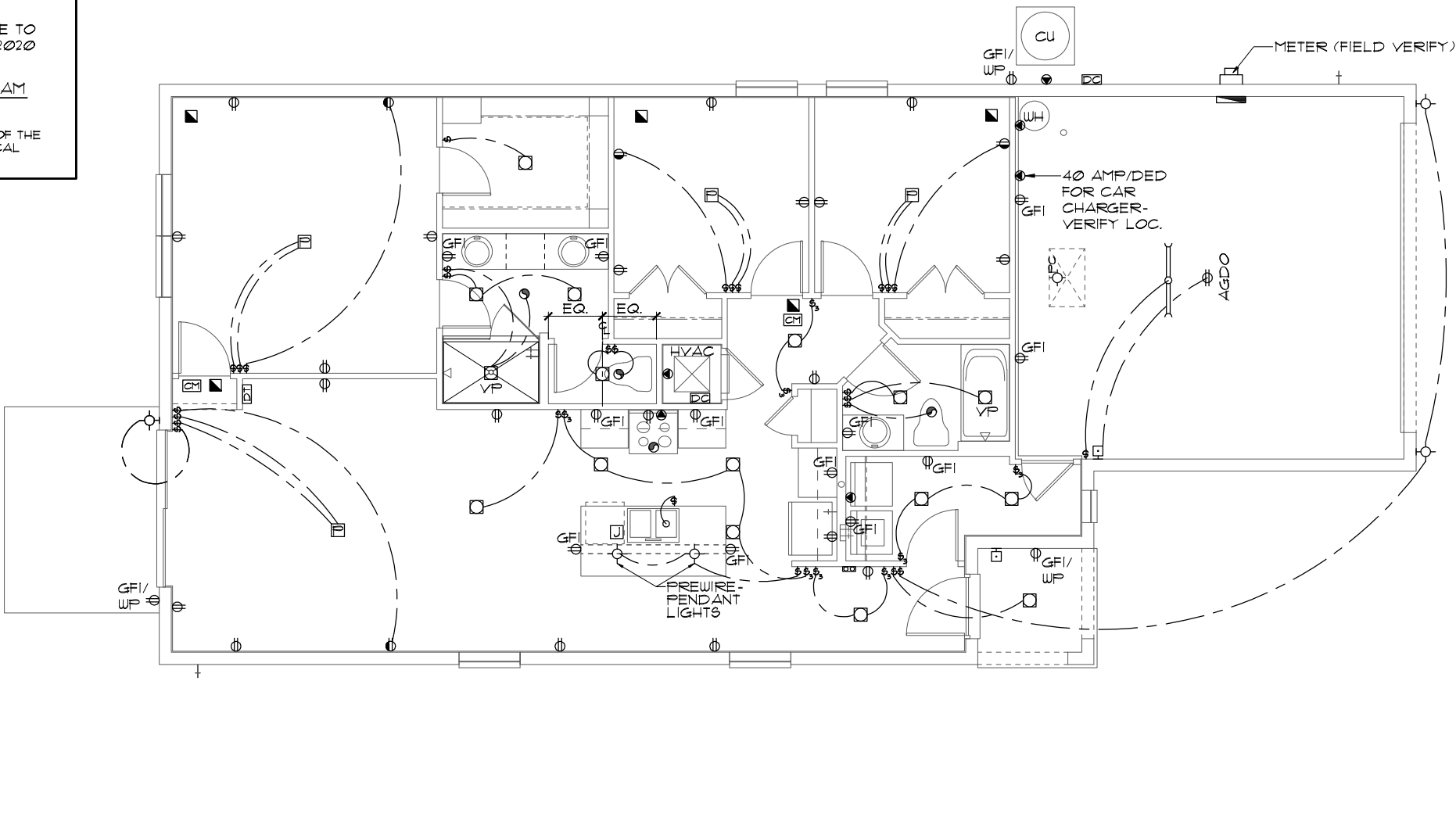
250.52(A X3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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

THRIVE PRODUCT

1335 AMAZE

ELECTRICAL PLAN

THRIVE SERIES

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DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1335
SHEET	07.0
OF SHEETS	

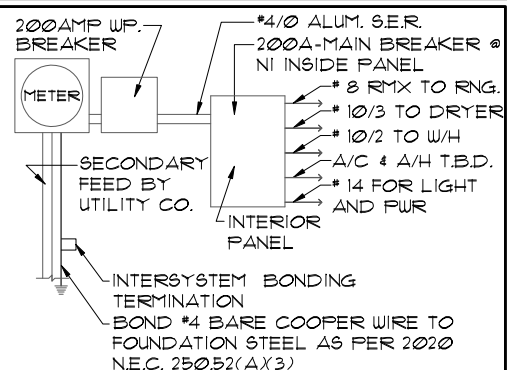
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  - 12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFP70-NEC2020 - ARTICLE 210-52



**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.

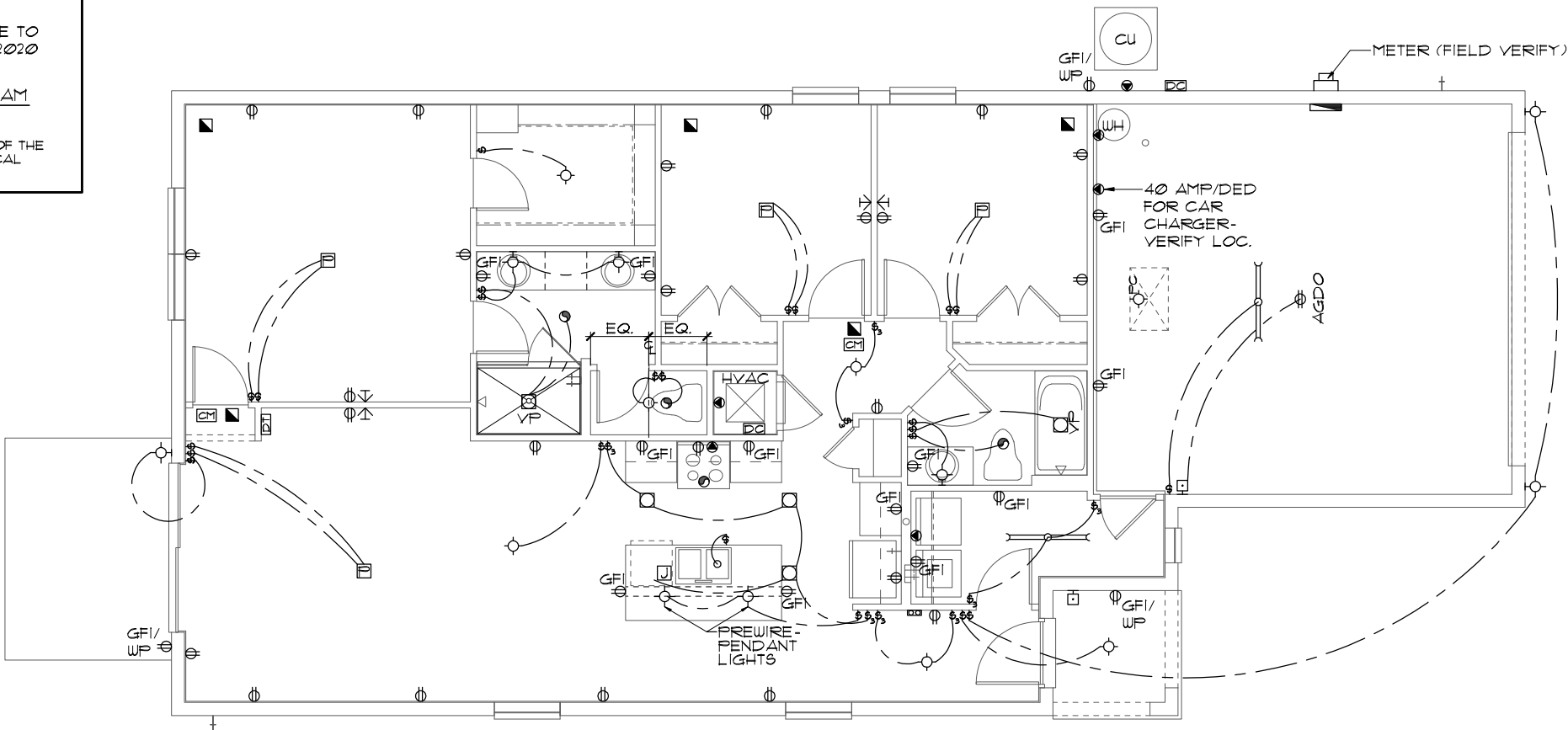
250.52(A)3 Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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⊞	OUT. 110-115, CLG. MOUNT.	⊞	CARBON MONOXIDE
⊞	OUT. 110-115, FLR. MOUNT.	⊞	PUSH BUTTON
⊞	SPL. 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

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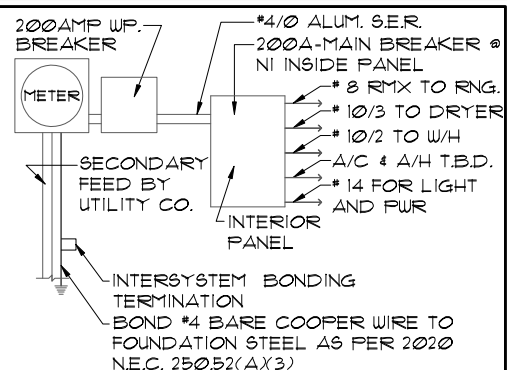
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ELECTRICAL PLAN  
 1335 AMAZE  
 THRIVE SERIES

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1335
SHEET	07.0
OF	SHEETS

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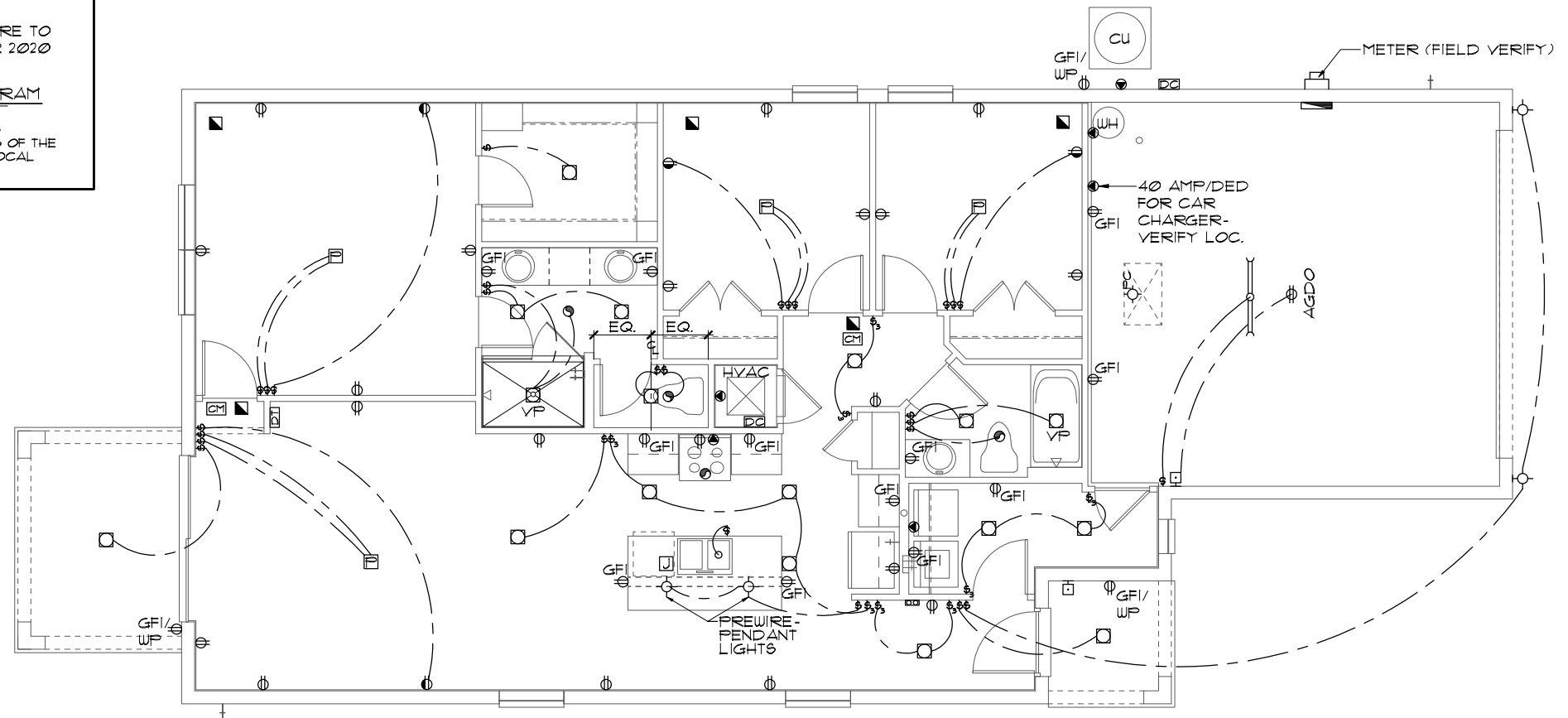
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Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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
⊞	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

THRIVE PRODUCT

ELECTRICAL PLAN

1335 AMAZE

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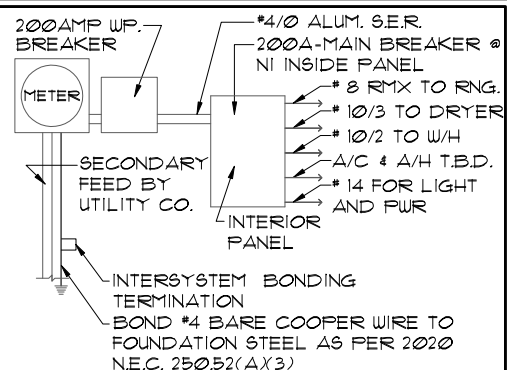
**Park Square HOMES**  
 A DIVISION OF PARK SQUARE ENTERPRISES, INC.  
 5200 Vineland Road, Suite 200  
 Orlando, Florida, 32811  
 Phone: (407) 529-3000

REVISIONS	BY

DATE 06-01-22  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 1335  
 SHEET 07.1 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. 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.

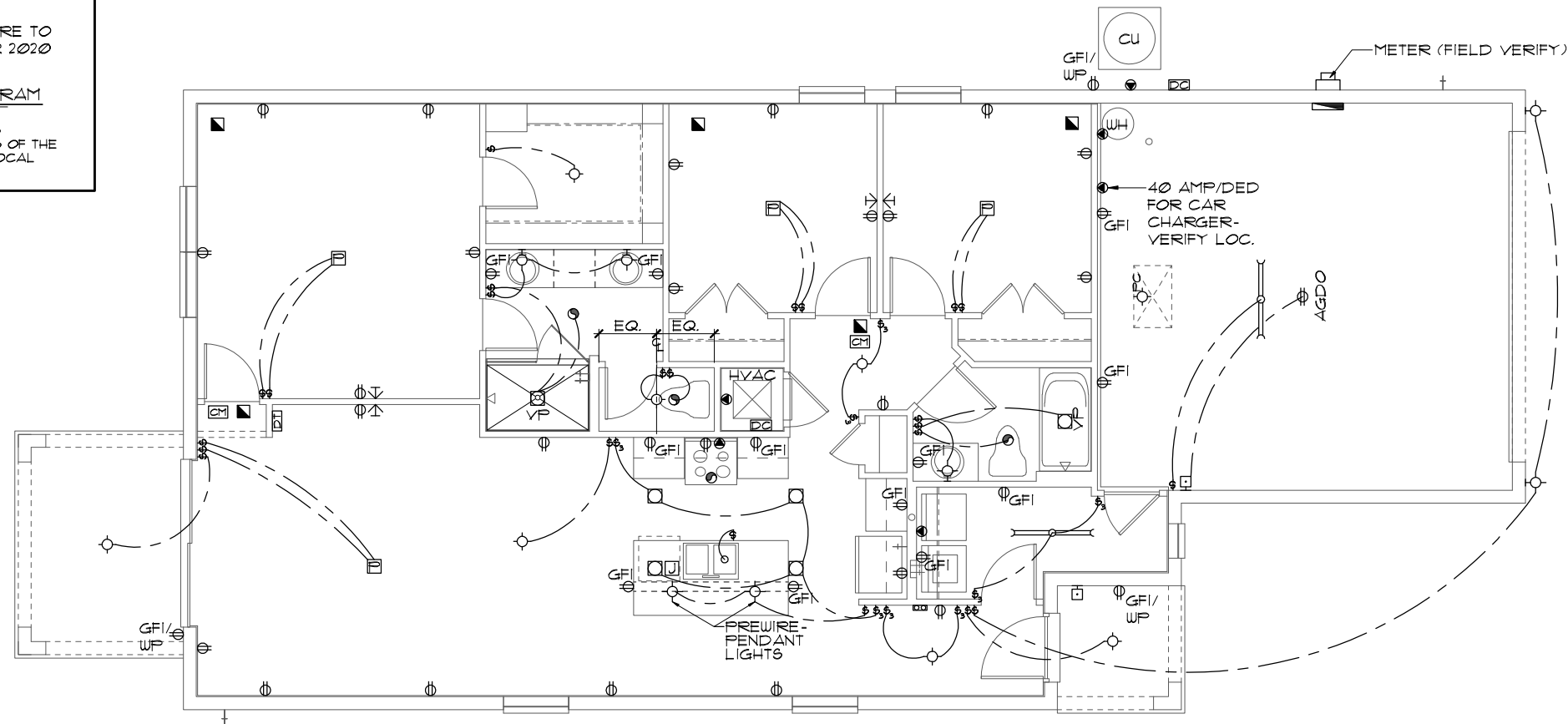
250.52(A)3 Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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.

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⊞	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
⊞	SPL. 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

THRIVE PRODUCT

ELECTRICAL PLAN

1335 AMAZE

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

REVISIONS	BY

**ITEG**  
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 Phone: (407) 529-3000

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1335
SHEET	07.1
OF SHEETS	



**ATTIC VENTILATION CALCULATIONS**

PER FBC2023 8TH EDITION R306: MIN. 40% - MAX. 50% OF 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:  $\frac{17838\text{S.F.}}{300} = 5948\text{S.F.}$  NET FREE VENT. REQUIRED

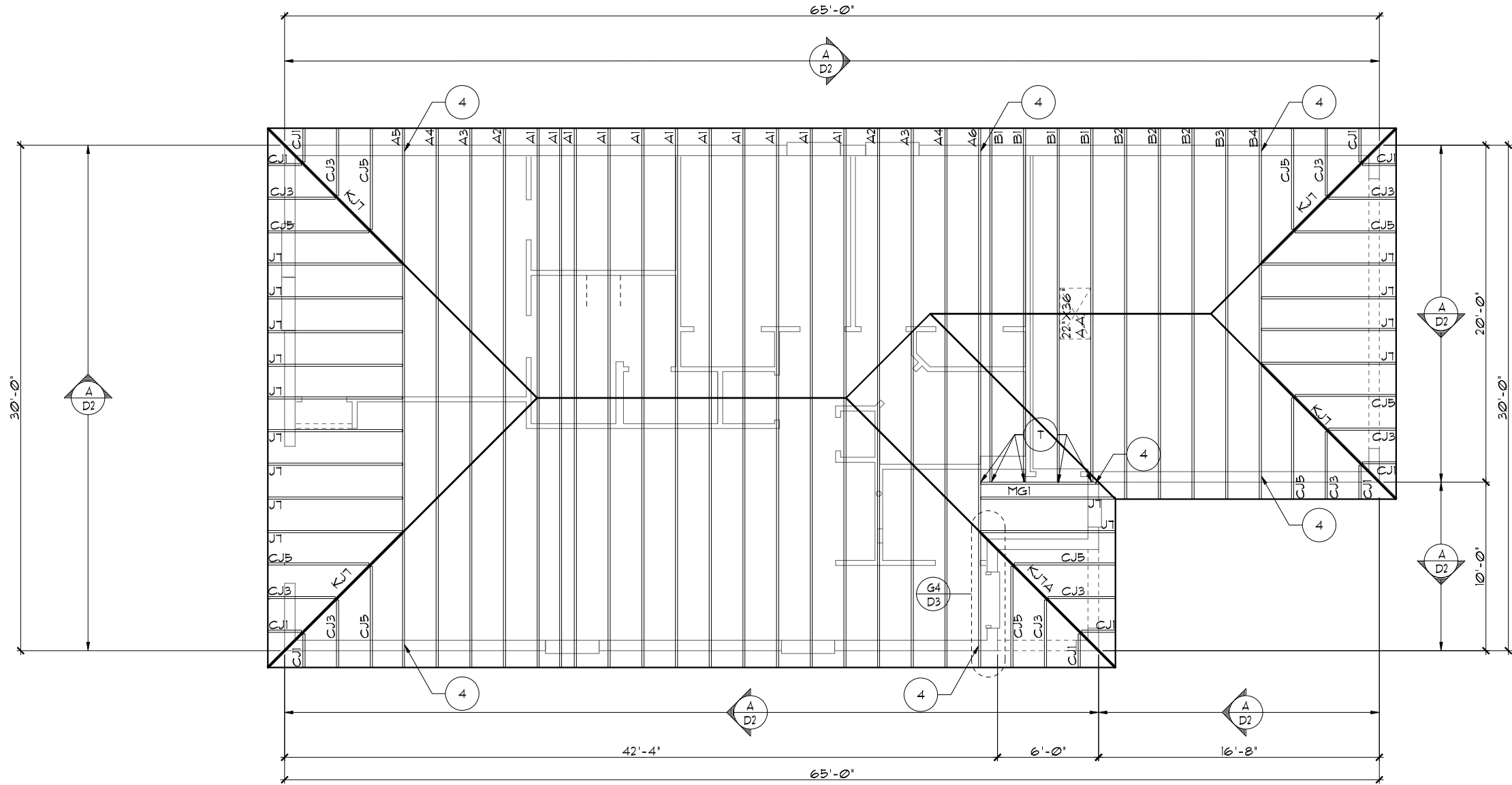
UPPER PORTION VENTILATION TOTAL:----- 2,558S.F.  
 PROVIDED W/OFF RIDGE VENTS: 3 VENTS @ 858S.F. /VENT.  
 (VENT TYPE: LOMANCO MODEL T10-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL:----- 17,228S.F.  
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:--  
 ( 198L.F. @ 0.0875S.F. VENTING PER L.F.)

UPPER PORTION PERCENTAGE: 42%  
 LOWER PORTION PERCENTAGE: 58%

**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/WTC A BC61 I.
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 of 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 R305.1.1.1



**TRUSS LAYOUT "A"**

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

THRIVE PRODUCT

REVISIONS	BY

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**Park Square HOMES**

TRUSS LAYOUT

1335 AMAZE

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

LOT: 0000, COMMUNITY

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1335
SHEET	08A.0
OF SHEETS	

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

TOTAL VENTED SPACE:  $\frac{1863\text{S.F.}}{300} = 6.21\text{S.F.}$  NET FREE VENT. REQUIRED

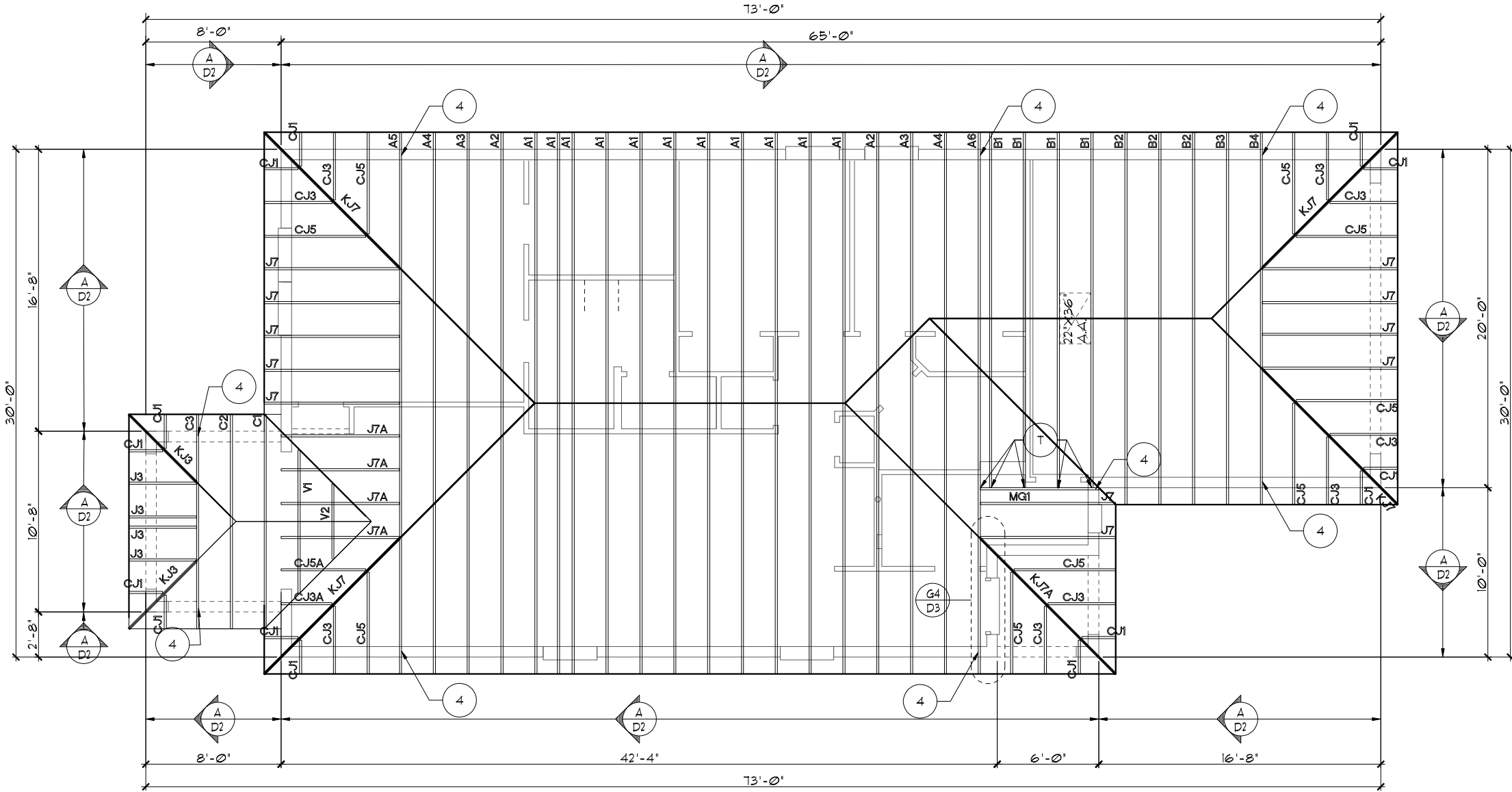
UPPER PORTION VENTILATION TOTAL: ----- 2.55S.F.  
 PROVIDED W/OFF RIDGE VENTS: 3 VENTS @ .85S.F./VENT.  
 (VENT TYPE: LOMANCO MODEL TT0-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: ----- 18.61S.F.  
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:--  
 ( 214L.F. @ 0.087S.F. VENTING PER L.F.)

UPPER PORTION PERCENTAGE: 41%  
 LOWER PORTION PERCENTAGE: 59%

**NOTES**

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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 R305.1.1.1



**TRUSS LAYOUT "A"**

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

LANAI OPTION

LOT: 0000, COMMUNITY

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1335
SHEET	08A.1
OF	SHEETS

1335 AMAZE  
 THRIVE SERIES

TRUSS LAYOUT

THRIVE PRODUCT

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**Park Square HOMES**

REVISIONS BY

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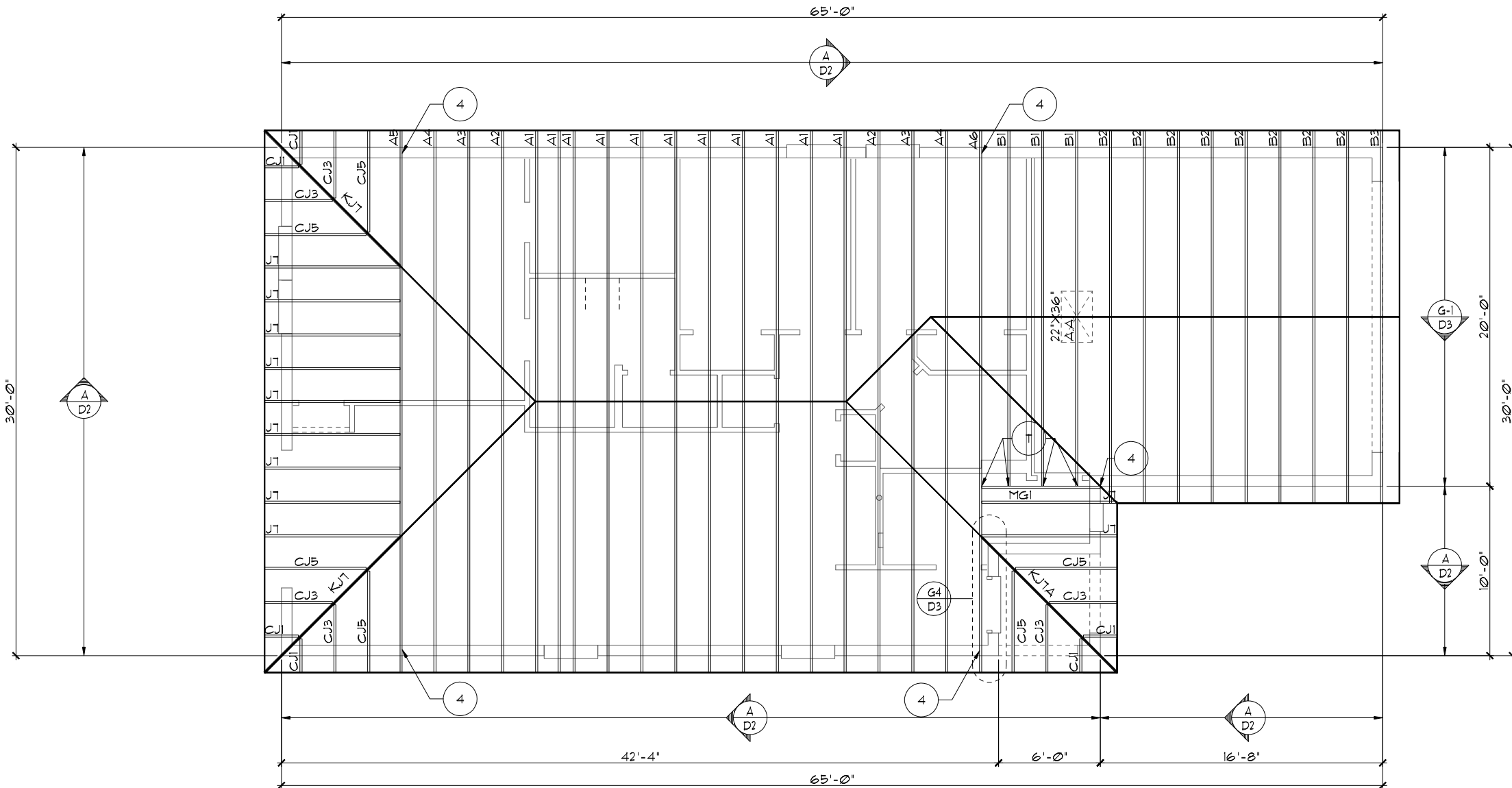
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**TRUSS LAYOUT "B"**

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THRIVE PRODUCT

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LOT: 0000, COMMUNITY 1335 AMAZE TRUSS LAYOUT

REVISIONS	BY

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**Park Square HOMES**

DATE 06-01-22  
 SCALE AS NOTED  
 DRAWN RDC  
 JOB 1335  
 SHEET 08B.0 OF SHEETS

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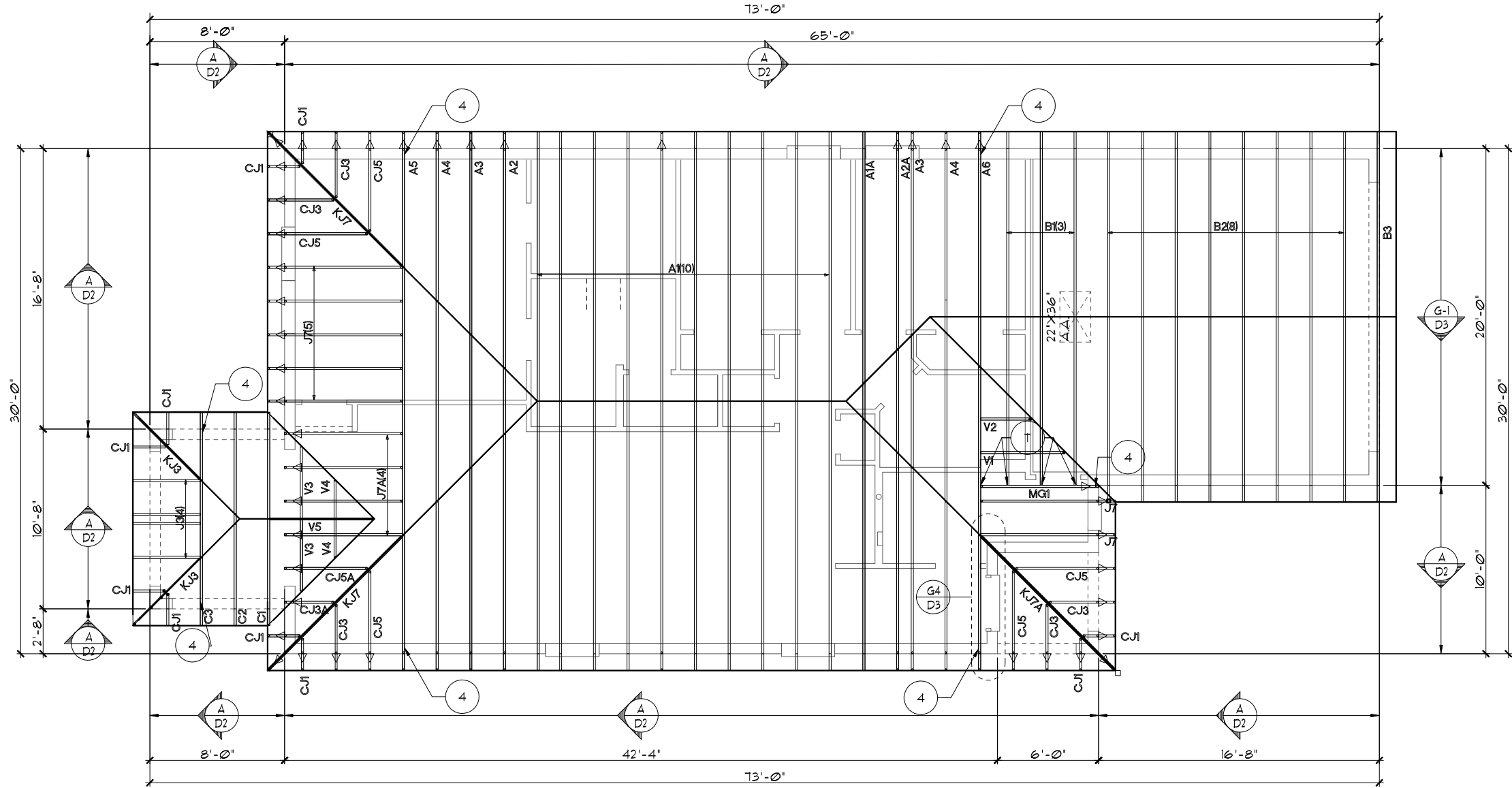
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9. ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R305.1.1.



**TRUSS LAYOUT "B"**

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

LANAI OPTION

LOT: 0000, COMMUNITY 1335 AMAZE THRIVE SERIES

THRIVE PRODUCT

REVISIONS	BY

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 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 1335  
 SHEET 08B.1 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:  $\frac{1863S.F.}{300} = 6.21S.F.$  NET FREE VENT. REQUIRED

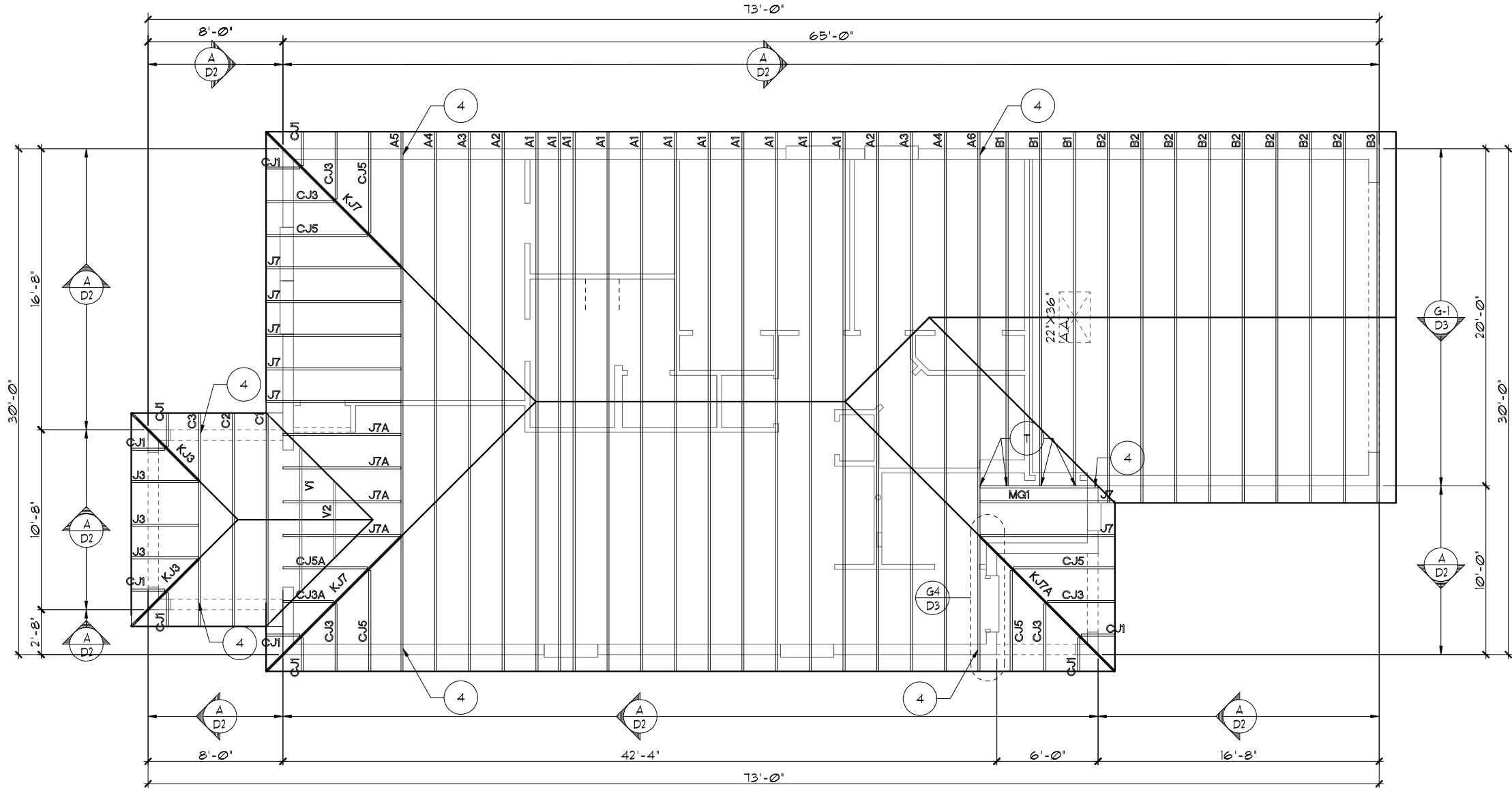
UPPER PORTION VENTILATION TOTAL: ----- 2.55S.F.  
 PROVIDED W/OFF RIDGE VENTS: 3 VENTS @ .85S.F./VENT.  
 (VENT TYPE: LOMANCO MODEL T10-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: ----- 18.61S.F.  
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:--  
 ( 214L.F. @ 0.0875S.F. VENTING PER L.F.)

UPPER PORTION PERCENTAGE: 41%  
 LOWER PORTION PERCENTAGE: 59%

**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 I.
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 of 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 "B"**

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

LANAI OPTION

LOT: 0000, COMMUNITY

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1335
SHEET	08B.1
OF SHEETS	1

1335 AMAZE  
 THRIVE SERIES

TRUSS LAYOUT

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THRIVE PRODUCT

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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:  $\frac{17838\text{S.F.}}{300} = 5946\text{S.F.}$  NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL:----- 2,559S.F.  
 PROVIDED W/OFF RIDGE VENTS: 3 VENTS @ .859S.F./VENT.  
 (VENT TYPE: LOMANCO MODEL T10-D OR MILLENNIUM METAL)

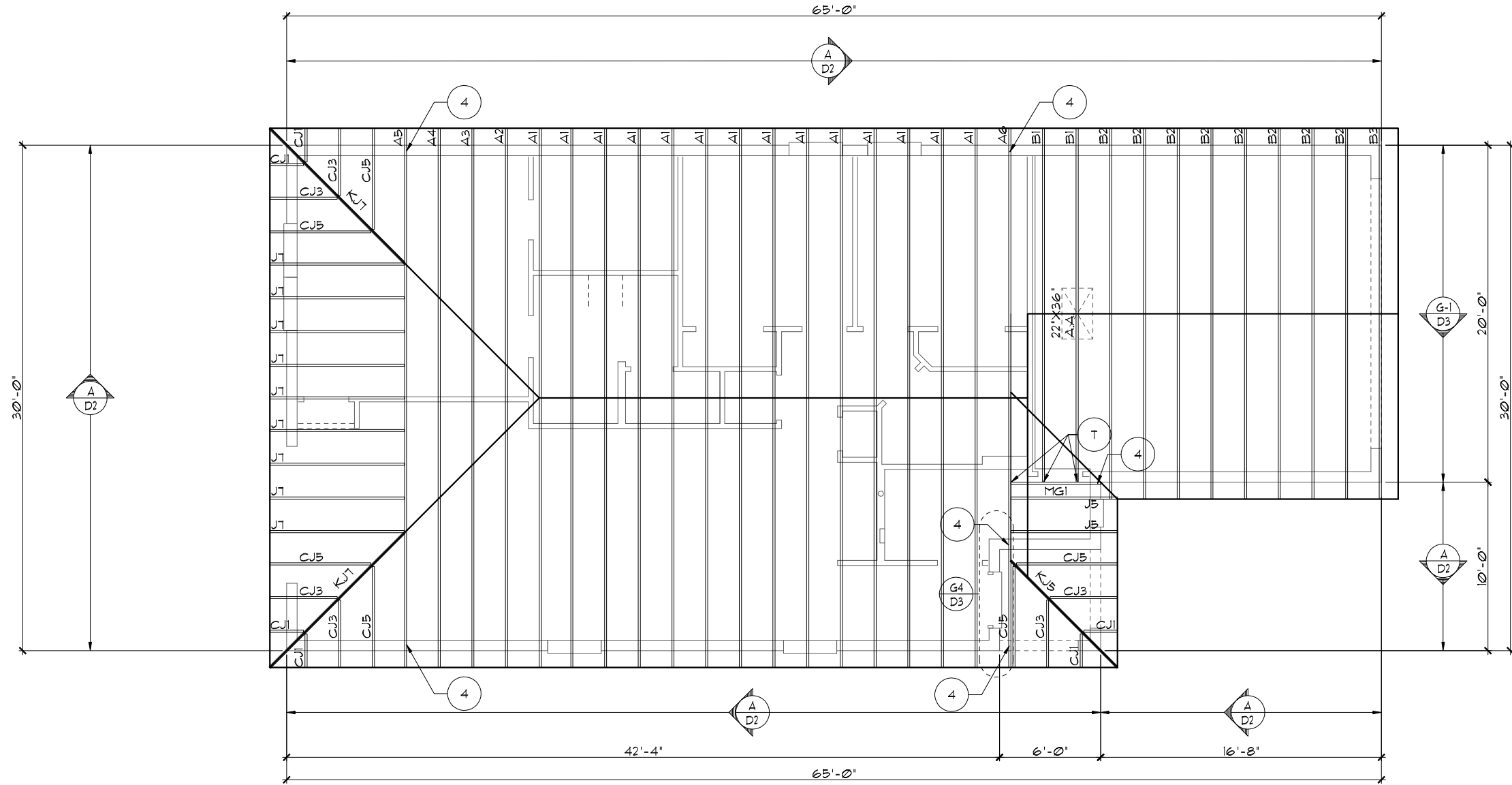
LOWER PORTION VENTILATION TOTAL:----- 17,228S.F.  
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:--  
 ( 198L.F. @ 0.0875S.F. VENTING PER L.F.)

UPPER PORTION PERCENTAGE: 42%  
 LOWER PORTION PERCENTAGE: 58%

**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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6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.

1. SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R305.1.1 - 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 R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
2. OFF RIDGE VENTS MAXIMUM OPENING SIZES :
  - LOMANCO : (2) 9 1/4" DIA. CIRCLES
  - MILLENNIUM METAL : 2 1/2" X 46" HOLE
3. ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R305.1.1.1



**TRUSS LAYOUT "C"**

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

THRIVE PRODUCT

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**Park Square HOMES**

TRUSS LAYOUT

LOT: 0000, COMMUNITY

1335 AMAZE

THRIVE SERIES

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1335
SHEET	08C OF 0
SHEETS	08C OF 0

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

TOTAL VENTED SPACE:  $\frac{18635\text{S.F.}}{300} = 6.21\text{S.F.}$  NET FREE VENT. REQUIRED

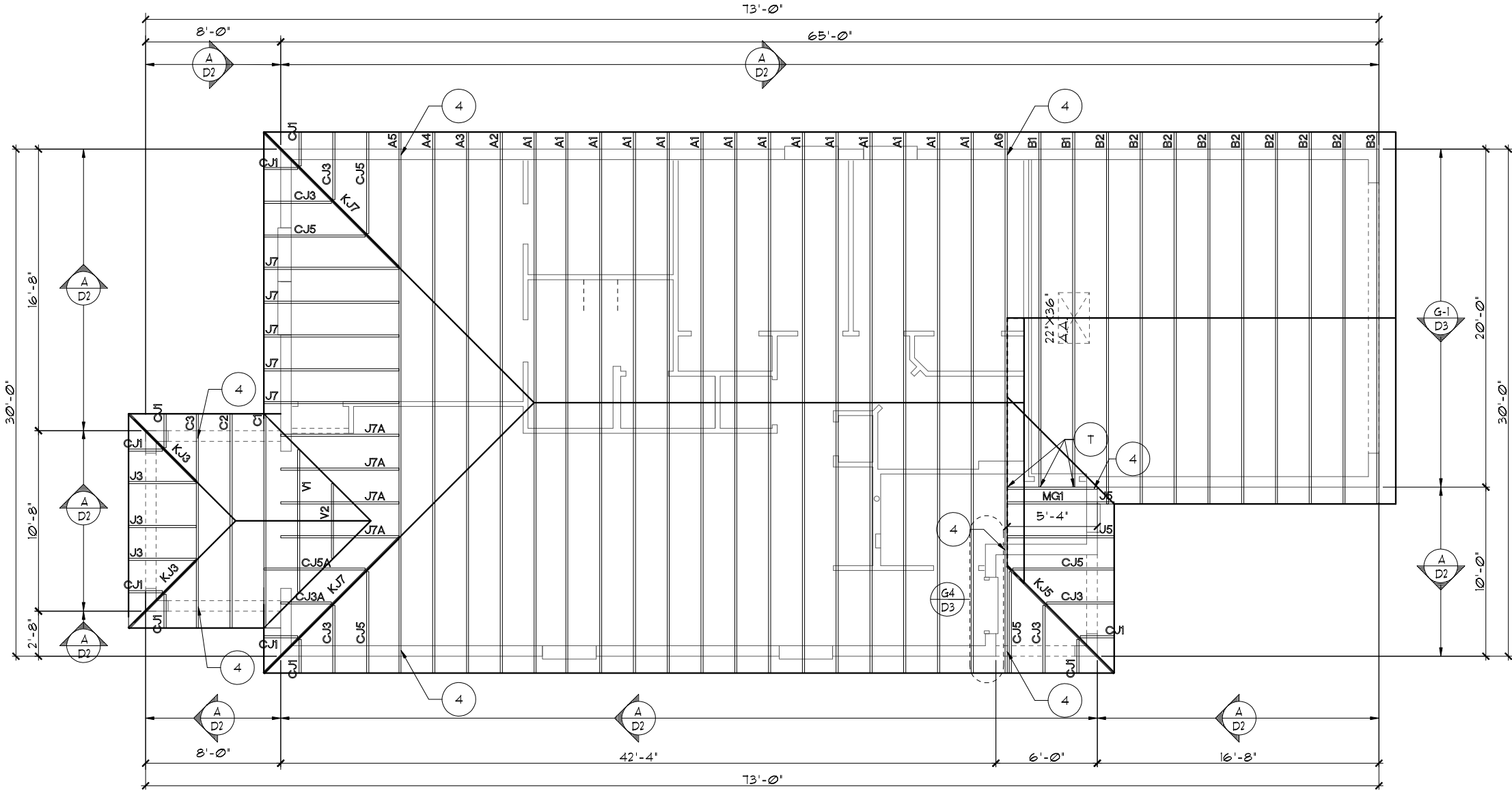
UPPER PORTION VENTILATION TOTAL: ----- 2.55S.F.  
 PROVIDED W/OFF RIDGE VENTS: 3 VENTS @ .85S.F./VENT.  
 (VENT TYPE: LOMANCO MODEL TT0-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: ----- 18.61S.F.  
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:--  
 ( 214L.F. @ 0.087S.F. VENTING PER L.F.)

UPPER PORTION PERCENTAGE: 41%  
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**TRUSS LAYOUT "C"**

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

LANAI OPTION

LOT: 0000, COMMUNITY

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1335
SHEET	08C.1
OF	1 SHEETS

1335 AMAZE  
 THRIVE SERIES

TRUSS LAYOUT

Park Square HOMES

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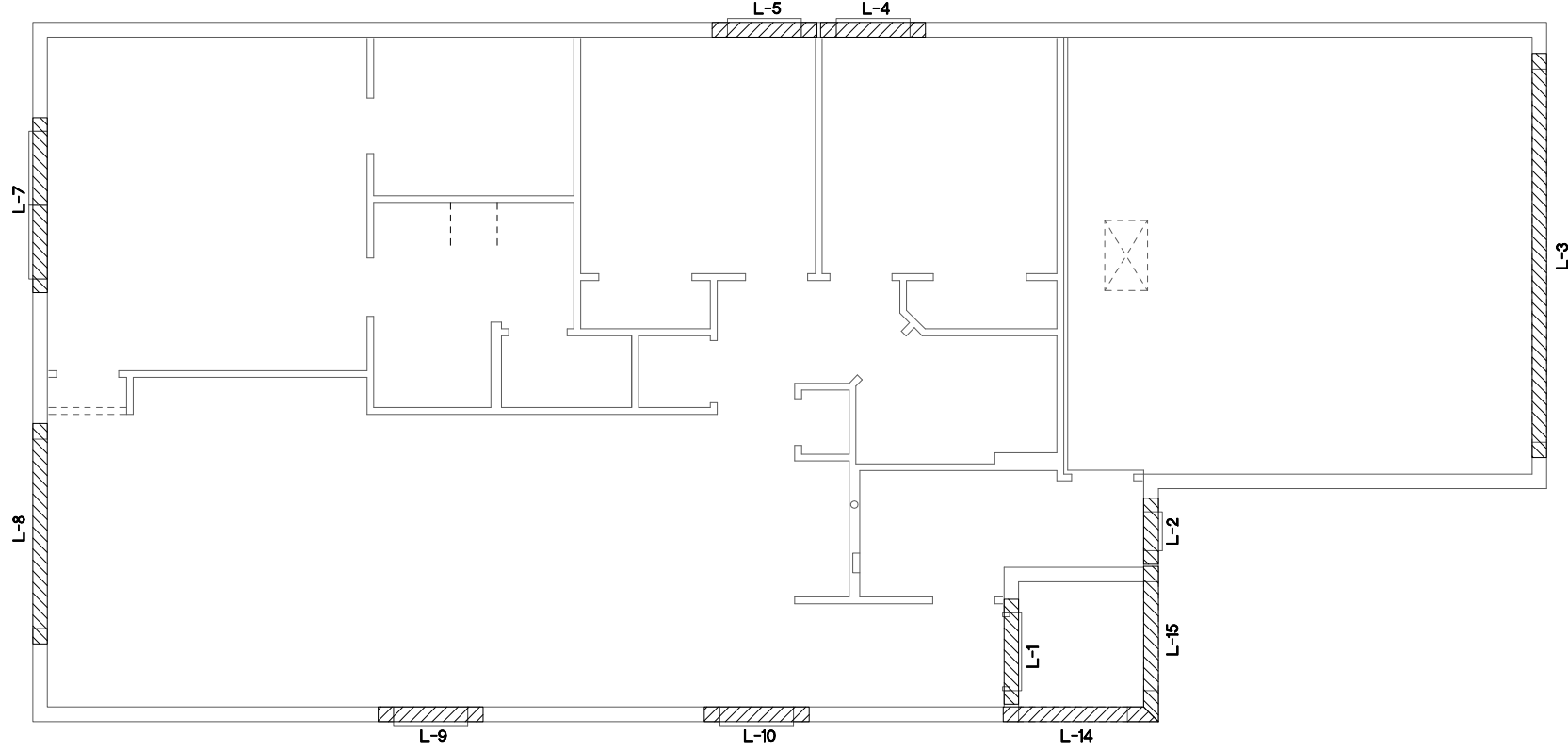
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CAST CRETE / LOTT'S / WEKIWA / FLORIDA ROCK LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	4'-6"	8F12-0B/1T	3080 FRONT DOOR
L 2	3'-6"	8F16-0B/1T	SH14 TMP.
L 3	17'-4"	8F34-1B/1T	GARAGE DOOR
L 4	4'-6"	8F16-0B/1T	SH25
L 5	4'-6"	8F16-0B/1T	SH25
L 6			
L 7	7'-6"	8F16-0B/1T	FR SH25
L 8	9'-4"	8F16-0B/1T	8/0X8/0 SGD.
L 9	4'-6"	8F16-0B/1T	SH25
L 10	4'-6"	8F16-0B/1T	SH25
L 11			
L 12			
L 13			
L 14	6'-6"	8F16-0B/1T	FRONT ENTRY
L 15	6'-6"	8F16-0B/1T	FRONT ENTRY
L 16			
L 17			
L 18			
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 1335  
SHEET 09 OF SHEETS

1335 AMAZE  
THRIVE SERIES

PRE CAST LINTEL LAYOUT

Park Square HOMES

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THRIVE PRODUCT

REVISIONS BY

REVISIONS	BY

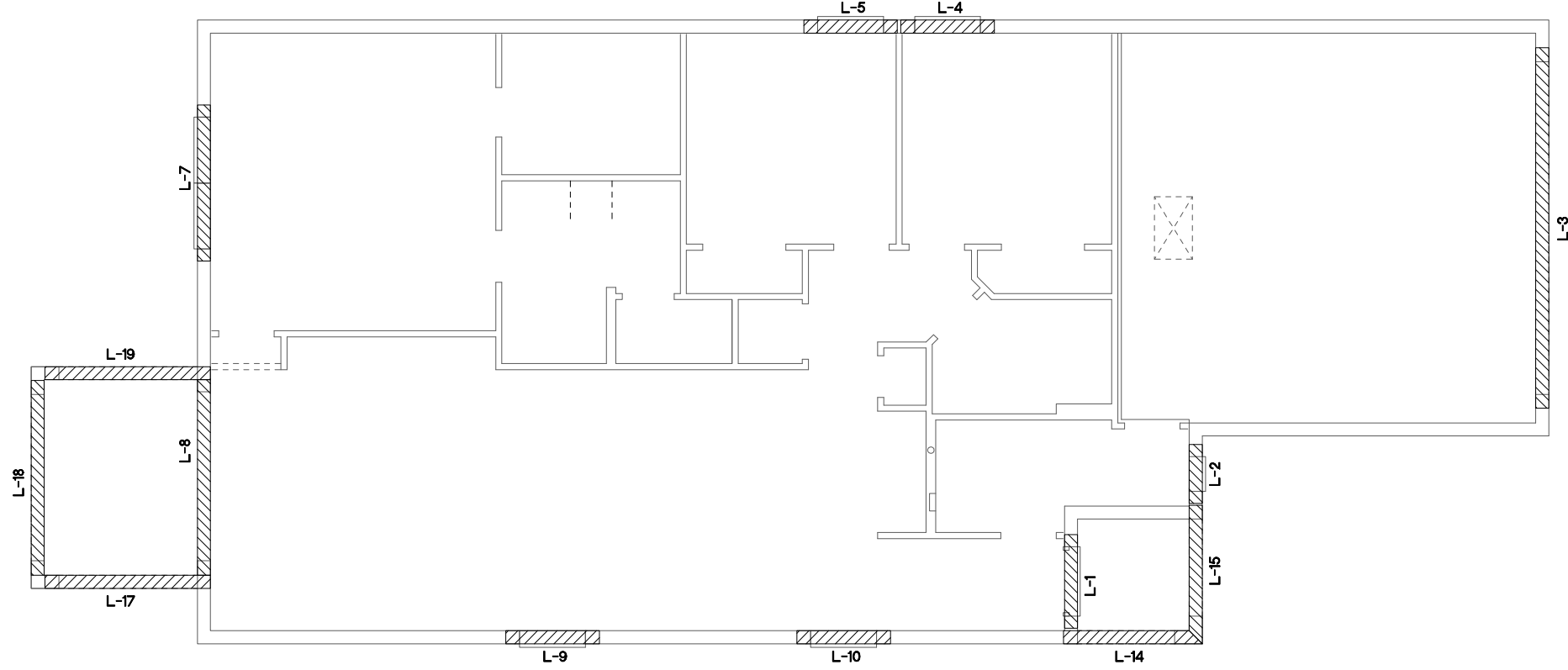
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CAST CRETE / LOTT'S / WEKIWA / FLORIDA ROCK LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	4'-6"	8F12-0B/IT	3080 FRONT DOOR
L 2	3'-6"	8F16-0B/IT	SH14 TMP.
L 3	17'-4"	8F34-1B/IT	GARAGE DOOR
L 4	4'-6"	8F16-0B/IT	SH25
L 5	4'-6"	8F16-0B/IT	SH25
L 6			
L 7	7'-6"	8F16-0B/IT	FR SH25
L 8	9'-4"	8F16-0B/IT	8/0X8/0 SGD.
L 9	4'-6"	8F16-0B/IT	SH25
L 10	4'-6"	8F16-0B/IT	SH25
L 11			
L 12			
L 13			
L 14	6'-6"	8F16-0B/IT	FRONT ENTRY
L 15	6'-6"	8F16-0B/IT	FRONT ENTRY
L 16			
L 17	8'-0"	8F16-0B/IT	REAR LANAI
L 18	10'-0"	8F16-0B/IT	REAR LANAI
L 19	8'-0"	8F16-0B/IT	REAR LANAI
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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DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1335
SHEET	09.1
OF	SHEETS

1335 AMAZE  
THRIVE SERIES

PRE CAST LINTEL LAYOUT

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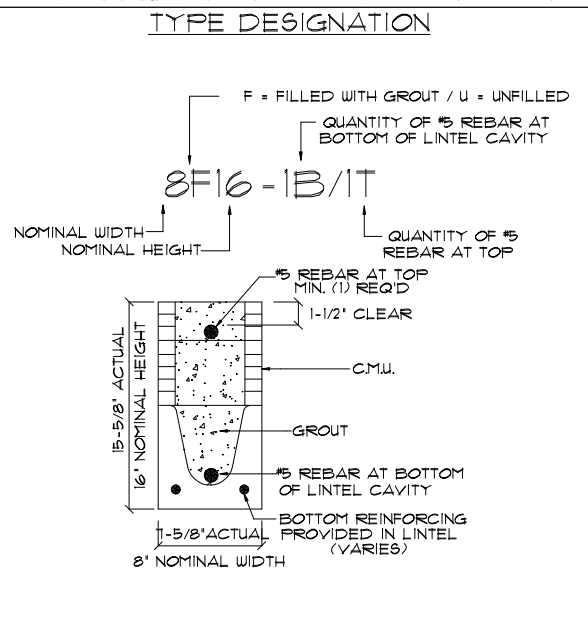
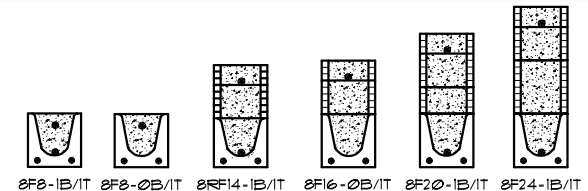
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REVISIONS	BY

# SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

## 8' PRECAST & PRESTRESSED U-LINTELS

LENGTH	TYPE	GRAVITY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
		8F8-0B	8F10-0B	8F12-0B	8F14-0B	8F16-0B	8F18-0B	8F20-0B	8F22-0B	8F24-0B	8F26-0B	8F28-0B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936	13404	14872	16340	17808	19276	20744	22212	23680	25148	26616	28084	29552	31020	32488	33956	35424	36892	38360	39828	41296	42764	44232	45700	47168	48636	50104	51572	53040	54508	55976	57444	58912	60380	61848	63316	64784	66252	67720	69188	70656	72124	73592	75060	76528	77996	79464	80932	82400	83868	85336	86804	88272	89740	91208	92676	94144	95612	97080	98548	100016	101484	102952	104420	105888	107356	108824	110292	111760	113228	114696	116164	117632	119100	120568	122036	123504	124972	126440	127908	129376	130844	132312	133780	135248	136716	138184	139652	141120	142588	144056	145524	146992	148460	149928	151396	152864	154332	155800	157268	158736	160204	161672	163140	164608	166076	167544	169012	170480	171948	173416	174884	176352	177820	179288	180756	182224	183692	185160	186628	188096	189564	191032	192500	193968	195436	196904	198372	199840	201308	202776	204244	205712	207180	208648	210116	211584	213052	214520	215988	217456	218924	220392	221860	223328	224796	226264	227732	229200	230668	232136	233604	235072	236540	238008	239476	240944	242412	243880	245348	246816	248284	249752	251220	252688	254156	255624	257092	258560	260028	261496	262964	264432	265900	267368	268836	270304	271772	273240	274708	276176	277644	279112	280580	282048	283516	284984	286452	287920	289388	290856	292324	293792	295260	296728	298196	299664	301132	302600	304068	305536	307004	308472	309940	311408	312876	314344	315812	317280	318748	320216	321684	323152	324620	326088	327556	329024	330492	331960	333428	334896	336364	337832	339300	340768	342236	343704	345172	346640	348108	349576	351044	352512	353980	355448	356916	358384	359852	361320	362788	364256	365724	367192	368660	370128	371596	373064	374532	376000	377468	378936	380404	381872	383340	384808	386276	387744	389212	390680	392148	393616	395084	396552	398020	399488	400956	402424	403892	405360	406828	408296	409764	411232	412700	414168	415636	417104	418572	420040	421508	422976	424444	425912	427380	428848	430316	431784	433252	434720	436188	437656	439124	440592	442060	443528	444996	446464	447932	449400	450868	452336	453804	455272	456740	458208	459676	461144	462612	464080	465548	467016	468484	469952	471420	472888	474356	475824	477292	478760	480228	481696	483164	484632	486100	487568	489036	490504	491972	493440	494908	496376	497844	499312	500780	502248	503716	505184	506652	508120	509588	511056	512524	513992	515460	516928	518396	519864	521332	522800	524268	525736	527204	528672	530140	531608	533076	534544	536012	537480	538948	540416	541884	543352	544820	546288	547756	549224	550692	552160	553628	555096	556564	558032	559500	560968	562436	563904	565372	566840	568308	569776	571244	572712	574180	575648	577116	578584	580052	581520	582988	584456	585924	587392	588860	590328	591796	593264	594732	596200	597668	599136	600604	602072	603540	605008	606476	607944	609412	610880	612348	613816	615284	616752	618220	619688	621156	622624	624092	625560	627028	628496	629964	631432	632900	634368	635836	637304	638772	640240	641708	643176	644644	646112	647580	649048	650516	651984	653452	654920	656388	657856	659324	660792	662260	663728	665196	666664	668132	669600	671068	672536	674004	675472	676940	678408	679876	681344	682812	684280	685748	687216	688684	690152	691620	693088	694556	696024	697492	698960	700428	701896	703364	704832	706300	707768	709236	710704	712172	713640	715108	716576	718044	719512	720980	722448	723916	725384	726852	728320	729788	731256	732724	734192	735660	737128	738596	740064	741532	743000	744468	745936	747404	748872	750340	751808	753276	754744	756212	757680	759148	760616	762084	763552	765020	766488	767956	769424	770892	772360	773828	775296	776764	778232	779700	781168	782636	784104	785572	787040	788508	789976	791444	792912	794380	795848	797316	798784	800252	801720	803188	804656	806124	807592	809060	810528	811996	813464	814932	816400	817868	819336	820804	822272	823740	825208	826676	828144	829612	831080	832548	834016	835484	836952	838420	839888	841356	842824	844292	845760	847228	848696	850164	851632	853100	854568	856036	857504	858972	860440	861908	863376	864844	866312	867780	869248	870716	872184	873652	875120	876588	878056	879524	880992	882460	883928	885396	886864	888332	889800	891268	892736	894204	895672	897140	898608	900076	901544	903012	904480	905948	907416	908884	910352	911820	913288	914756	916224	917692	919160	920628	922096	923564	925032	926500	927968	929436	930904	932372	933840	935308	936776	938244	939712	941180	942648	944116	945584	947052	948520	949988	951456	952924	954392	955860	957328	958796	960264	961732	963200	964668	966136	967604	969072	970540	972008	973476	974944	976412	977880	979348	980816	982284	983752	985220	986688	988156	989624	991092	992560	994028	995496	996964	998432	1000000



### 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. T/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. T/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 #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.

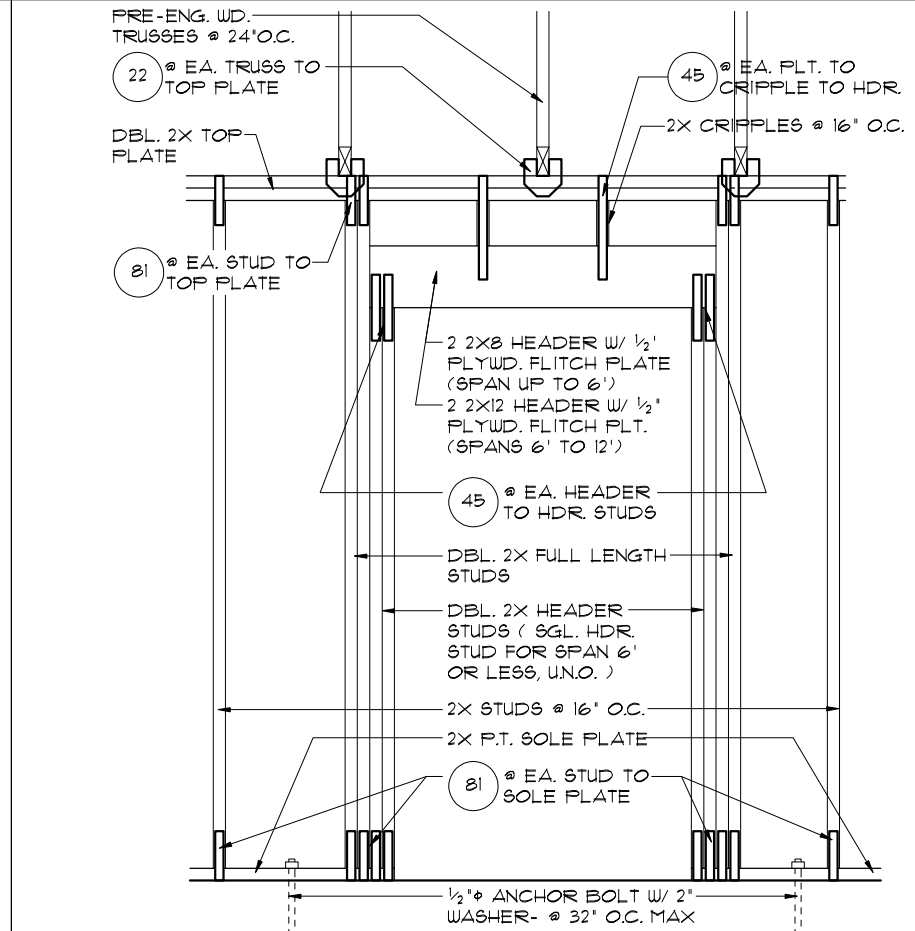
### 8' PRECAST W/ 2" RECESS DOOR U-LINTELS

LENGTH	TYPE	UPLIFT										LATERAL	
		8RF6-1T	8RF10-1T	8RF14-1T	8RF18-1T	8RF22-1T	8RF26-1T	8RF30-1T	8RF34-1T	8RF38-1T	8RF42-1T	8RF46-1T	8RF50-1T
4'-4" (52")	PRECAST	1244	1513	2413	3760	412	4961	5625	532	532			
4'-6" (54")	PRECAST	1192	1459	2311	3511	3931	4756	5511	853	853			
5'-8" (68")	PRECAST	924	1172	1795	2423	3055	3689	4325	501	501			
5'-10" (70")	PRECAST	836	1079	1630	2288	2891	3491	4106	469	469			
6'-8" (80")	PRECAST	718	882	1313	2042	2513	3121	3642	830	1100			
7'-6" (90")	PRECAST	688	849	1275	1810	2280	2753	3221	710	941			
9'-8" (116")	PRECAST	533	671	1009	1369	1728	2088	2450	516	614			

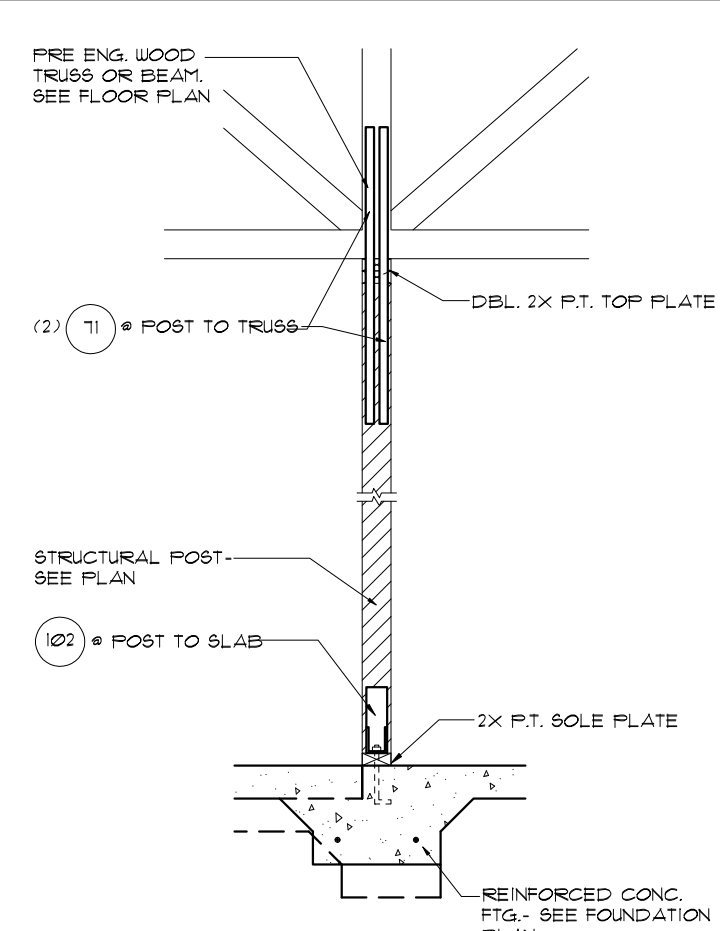
\*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

### CONNECTOR SCHEDULE

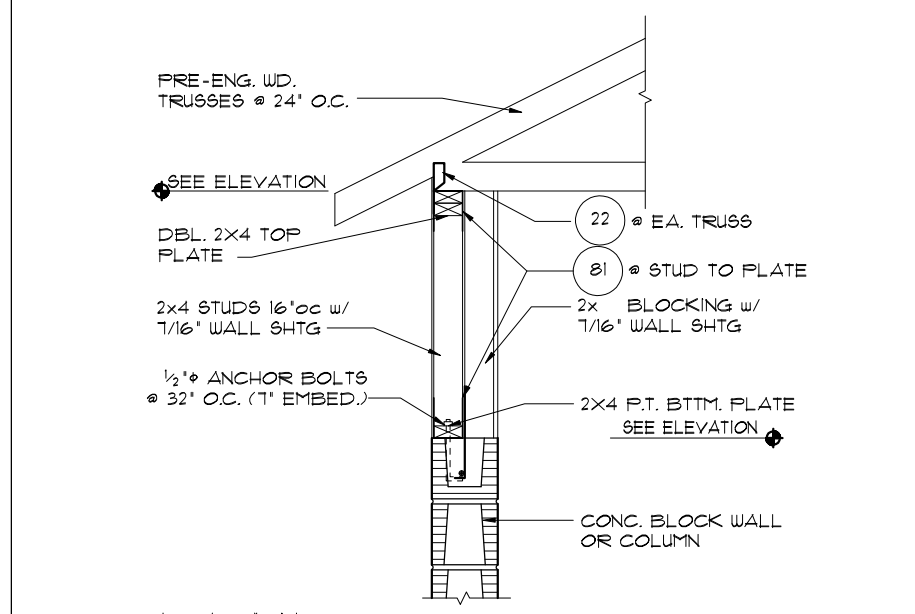
CONNECT. TYPE	SIMPSON		USP		MAX. UPLIFT	LAT. LDS. FI / F2
	DESCRIPTION	FASTENERS PER CONNECTOR	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA20	14-10d x 1 1/2"	ETA20	14-10d	1810	65 / 960
5	DETAL20	18-10d x 1 1/2"	N/A	N/A	2480	2000 / 1370
20	H3	RFT: 4-8d / PLT: 4-8d	RT3	RFT: 4-8d / PLT: 4-8d	455	125 / 160
21	HI	RFT: 6-8dx1 1/2" / PLT: 4-8d	RT15	RFT: 5-8dx1 1/2" / PLT: 5-8d	475	485 / 165
22	HI05	RFT: 8-8d x 1 1/2" PLT: 8-8d x 1 1/2"	RT16	RFT: 8-8d x 1 1/2" 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	H1	RFT / TRS: 4-8d	RT20	RFT / TRS: 9-10d	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: 4-8dx1 1/2" / F: 4-8dx1 1/2"	MP34	H: 4-8dx1 1/2" / F: 4-8dx1 1/2"	365	280 / 303
35	A35F	H: 4-8dx1 1/2" / F: 4-8dx1 1/2"	MFAIF	H: 6-8dx1 1/2" / F: 6-8dx1 1/2"	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)				



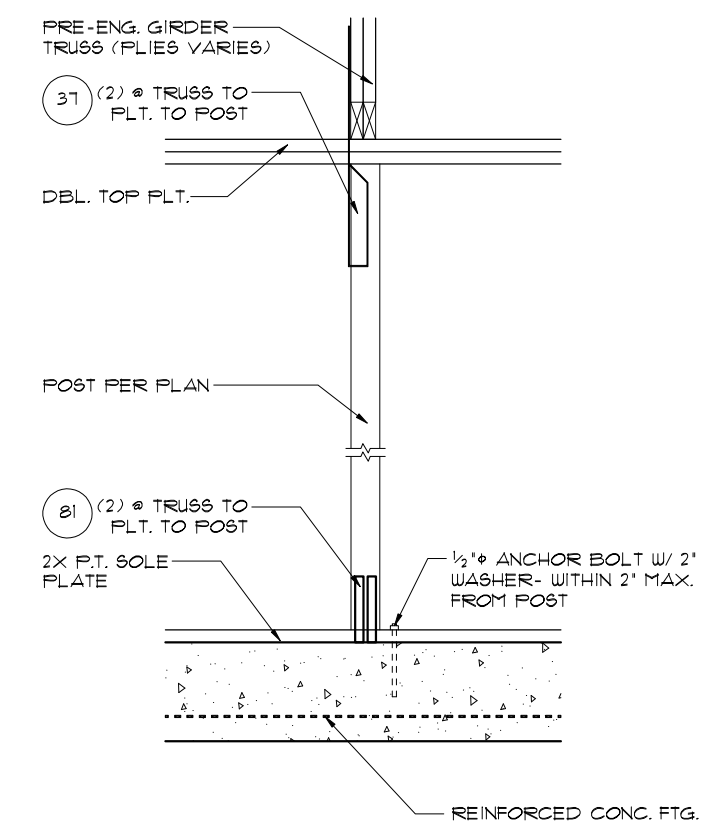
3  
II  
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)  
DETAIL (BRG. W/ UPLIFT)



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



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



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

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: 0000, COMMUNITY  
 THRIVE PRODUCT  
 A DIVISION OF PARK SQUARE ENTERPRISES, INC.  
 5200 Vineland Road, Suite 200  
 Orlando, Florida, 32811  
 Phone: (407) 529 - 3000  
 www.psq.com

REVISIONS	BY

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**1335 AMAZE**  
**THRIVE SERIES**

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1335
SHEET	11
OF	SHEETS

TYPICAL DETAILS / CONNECTOR SCHEDULE