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	MW
3	01-26-24	-UPDATE TO FBC 2023 CODE	MW
4	06-26-24	-ADD A 2ND FAN TO MASTER BATH	MW

SHEET INDEX:

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
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
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

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
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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D3	TYPICAL STRUCTURAL DETAILS
D4	NOT USED
D5	TYPICAL STRUCTURAL DETAILS
D6	TYPICAL STRUCTURAL DETAILS
D7	TYPICAL STRUCTURAL DETAILS

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

TEG
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COVER SHEET

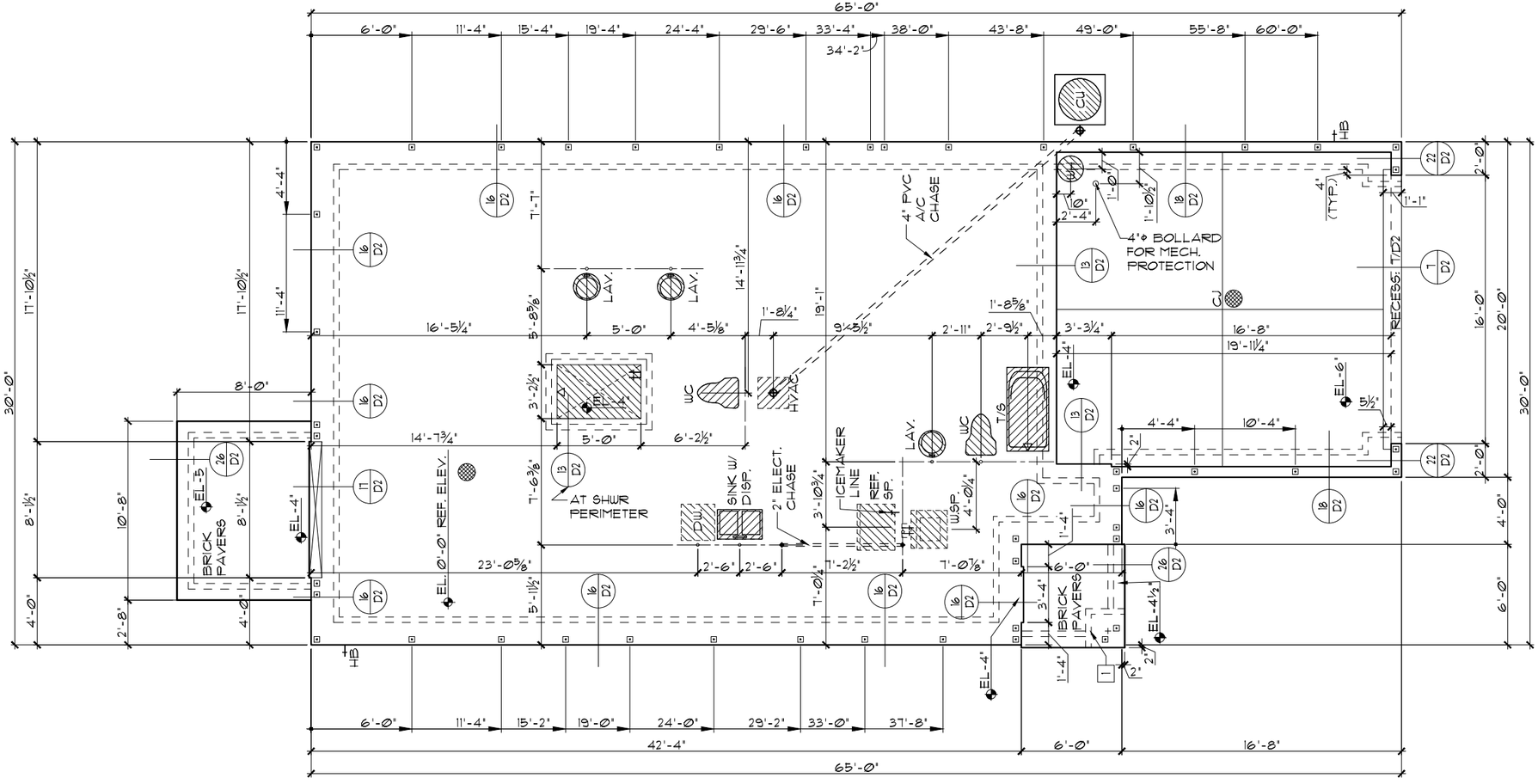
1335 AMAZE

THRIVE SERIES

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

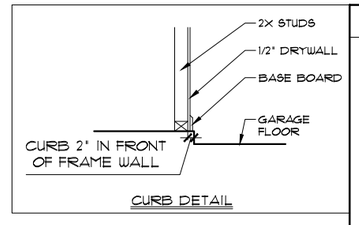
FOUNDATION NOTES

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. WWF 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 A,B,C

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



CURB DETAIL

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

THRIVE PRODUCT

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LOT: 0000, COMMUNITY

REVISIONS	BY

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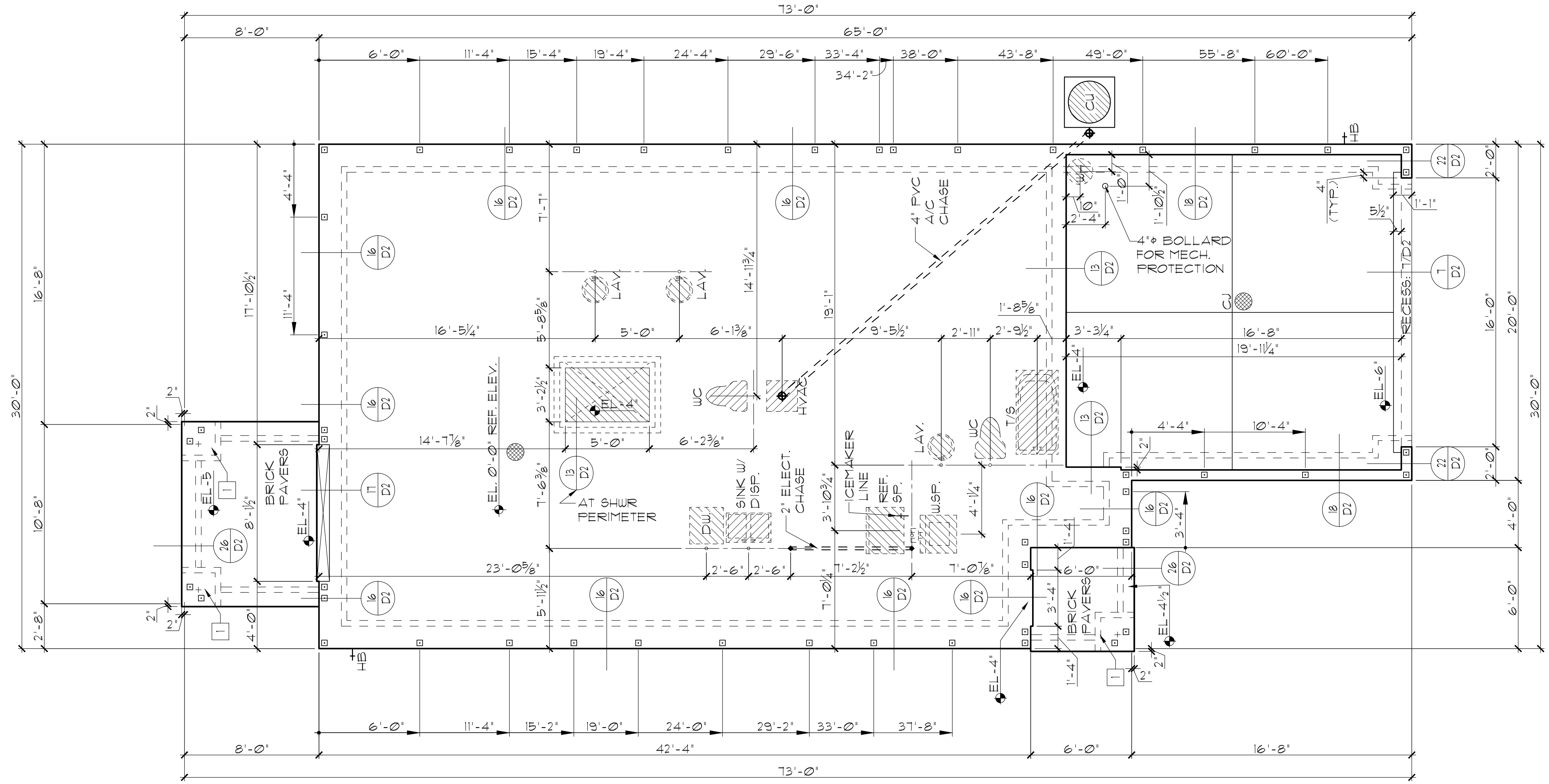
FOUNDATION PLAN

1335 AMAZE
THRIVE SERIES

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

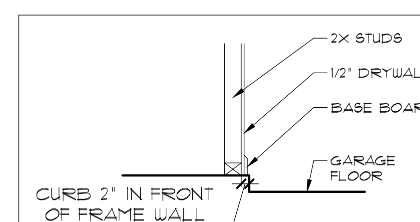


FOUNDATION PLAN A,B,C

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

FOUNDATION NOTES

1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
2. ⊡ DENOTES FILLED CELL REINFORCED W/ CONC. & (1) #5ø REBAR, GRADE 60
3. ■ DENOTES FILLED CELL REINFORCED W/ CONC. & (2) #5ø 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. WWF 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.



CURB DETAIL

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

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 ADDRESS / COMMUNITY

THRIVE PRODUCT

REVISIONS | BY

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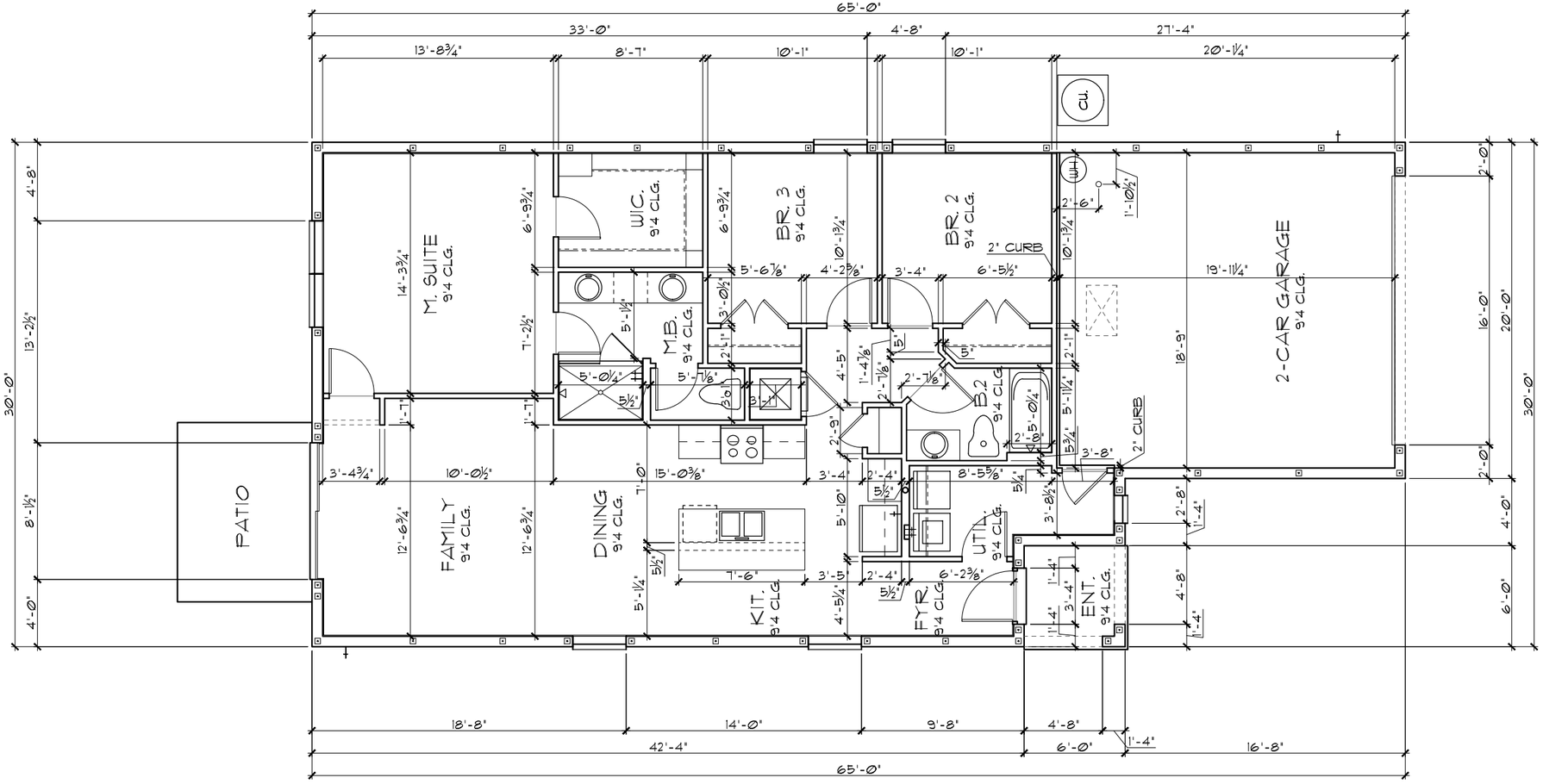
FOUNDATION PLAN

1335 AMAZE

THRIVE SERIES

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1335
SHEET	01.1
OF	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 3½" UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7½" UNLESS NOTED OTHERWISE.
5. ALL INTERIOR CEILINGS AT **9'-4"** UNLESS NOTED OTHERWISE.
6. MECHANICAL EQUIPMENT LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.

FLOOR PLAN W/ DIMENSIONS A,B,C,

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

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THRIVE PRODUCT

LOT: 0000, COMMUNITY

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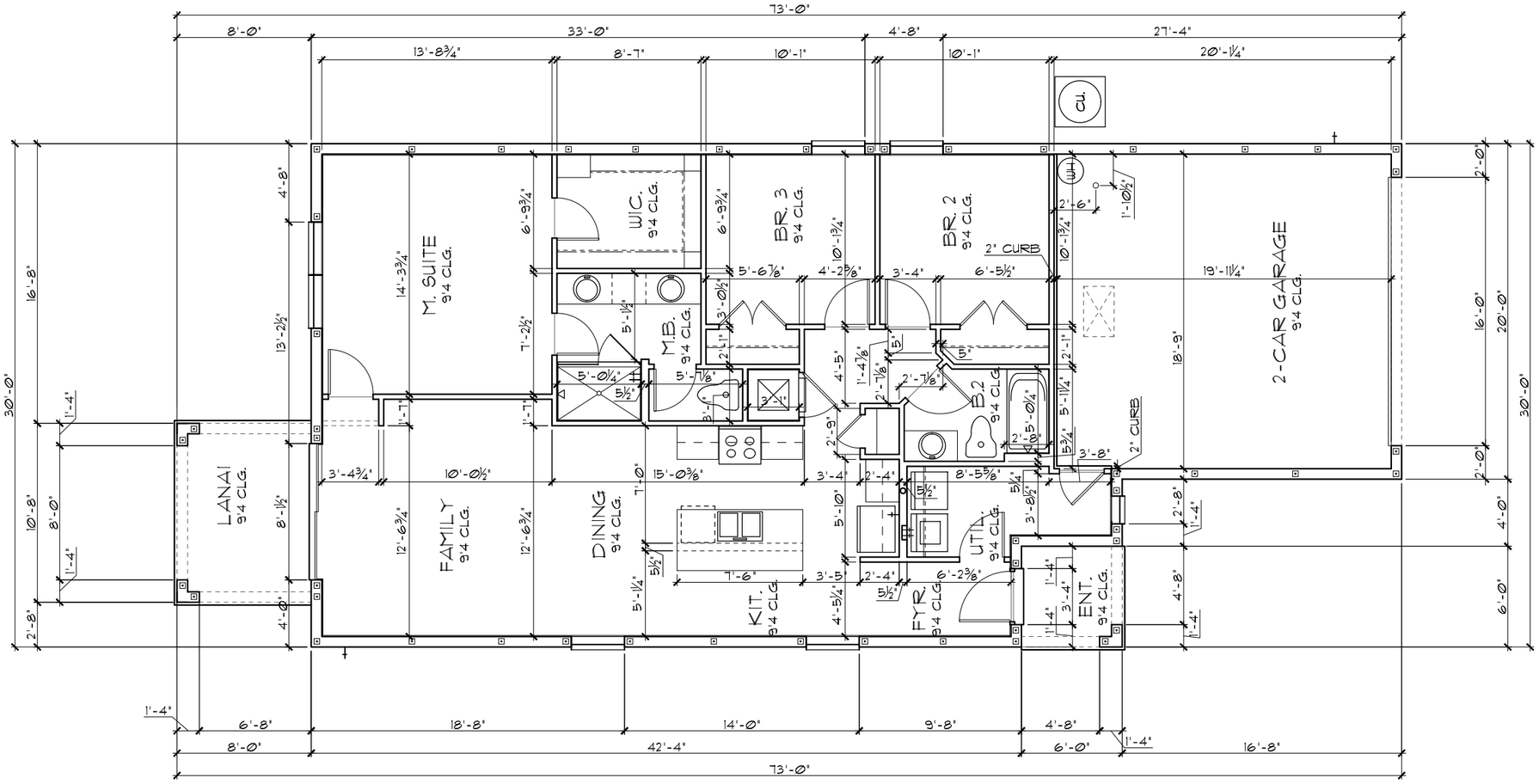
FLOOR PLAN W/ DIMENSIONS

1335 AMAZE

THRIVE SERIES

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



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.
2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
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5. ALL INTERIOR CEILINGS AT **9'-4"** UNLESS NOTED OTHERWISE.
6. MECHANICAL EQUIPMENT LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.

FLOOR PLAN W/ DIMENSIONS A,B,C,

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

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LAN AND COMMUNITY

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FLOOR PLAN W/ DIMENSIONS

1335 AMAZE

THRIVE SERIES

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1335
SHEET	02.1
OF	SHEETS

LOAD INFORMATION

PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTAIL CODE

DEAD LOADS

FLOOR:	STRUCTURE	7 PSF
	CEILINGS	3 PSF
	MECH/ELEC	5 PSF
	PARTITIONS	5 PSF
	TOTAL	20 PSF
ROOF:	SHEATHING	5 PSF
	STRUCTURE	7 PSF
	CEILINGS	3 PSF
	MECH/ELEC	5 PSF
	TOTAL	20 PSF

FLOOR LIVE LOADS

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

ROOF LIVE LOADS

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

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

WIND INFORMATION

PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTAIL CODE

1. BASIC WIND SPEED: 140 MPH
2. RISK CATEGORY II
3. WIND EXPOSURE: B
4. BUILDING TYPE: V B
5. ENCLOSURE CLASSIFICATION -- +/-.18, INCLUDED INTERNAL PRESSURE COEFFICIENT: IN NOTE #6
6. COMPONENT / CLADDING ----- SEE PLAN DESIGN WIND PRESSURE:

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

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

GENERAL NOTES

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

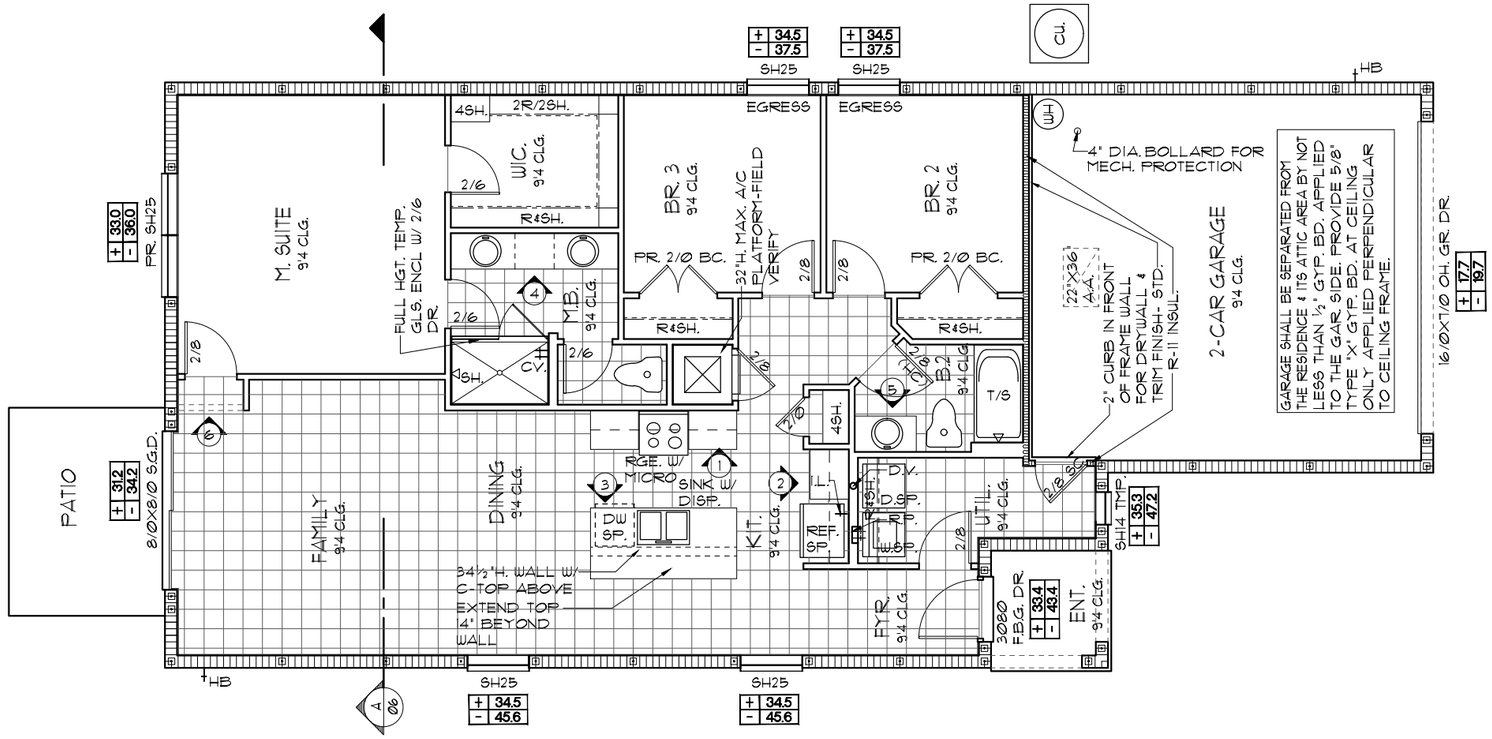
   DENOTES CONC. BLOCK WALL HGT. @ **X'-0" A.F.F.**
7. REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
8. REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
9. ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M1307.2
10. ALL INTER. FIRST FLOOR CEILINGS AT **9'-4"** UNLESS NOTED OTHERWISE.

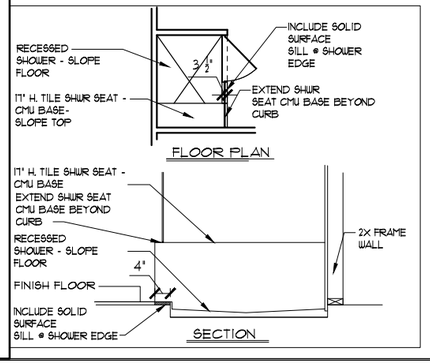
    ALL INTER. SECOND FLOOR CEILINGS AT **X'-X"** UNLESS NOTED OTHERWISE.

NOTE: 1. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THEN 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 27 1/2" = 6.119 SQFT	NET CLEAR OPENING 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". MIN. NET CLESR OPNG. FOR GRADE-FLOOR EMERGENCY SCAPE AND RESCUE OPNG. SHALL BE- 5 SQFT
SH25	63" H. X 37" W. WDW SIZE	





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

REVISIONS	BY

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LOT: 0000, COMMUNITY

FLOOR PLAN W/ NOTES

1335 AMAZE
THRIVE SERIES

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

LOAD INFORMATION

PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTAIL CODE

DEAD LOADS

FLOOR:	STRUCTURE	7 PSF
	CEILINGS	3 PSF
	MECH/ELEC	5 PSF
	PARTITIONS	5 PSF
	TOTAL	20 PSF
ROOF:	SHEATHING	5 PSF
	STRUCTURE	7 PSF
	CEILINGS	3 PSF
	MECH/ELEC	5 PSF
	TOTAL	20 PSF

FLOOR LIVE LOADS

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

ROOF LIVE LOADS

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

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

WIND INFORMATION

PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTAIL CODE

1. BASIC WIND SPEED: 140 MPH
2. RISK CATEGORY II
3. WIND EXPOSURE: B
4. BUILDING TYPE: V B
5. ENCLOSURE CLASSIFICATION INTERNAL PRESSURE COEFFICIENT: +/-.18, INCLUDED IN NOTE #6
6. COMPONENT / CLADDING SEE PLAN DESIGN WIND PRESSURE:

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

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

GENERAL NOTES

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

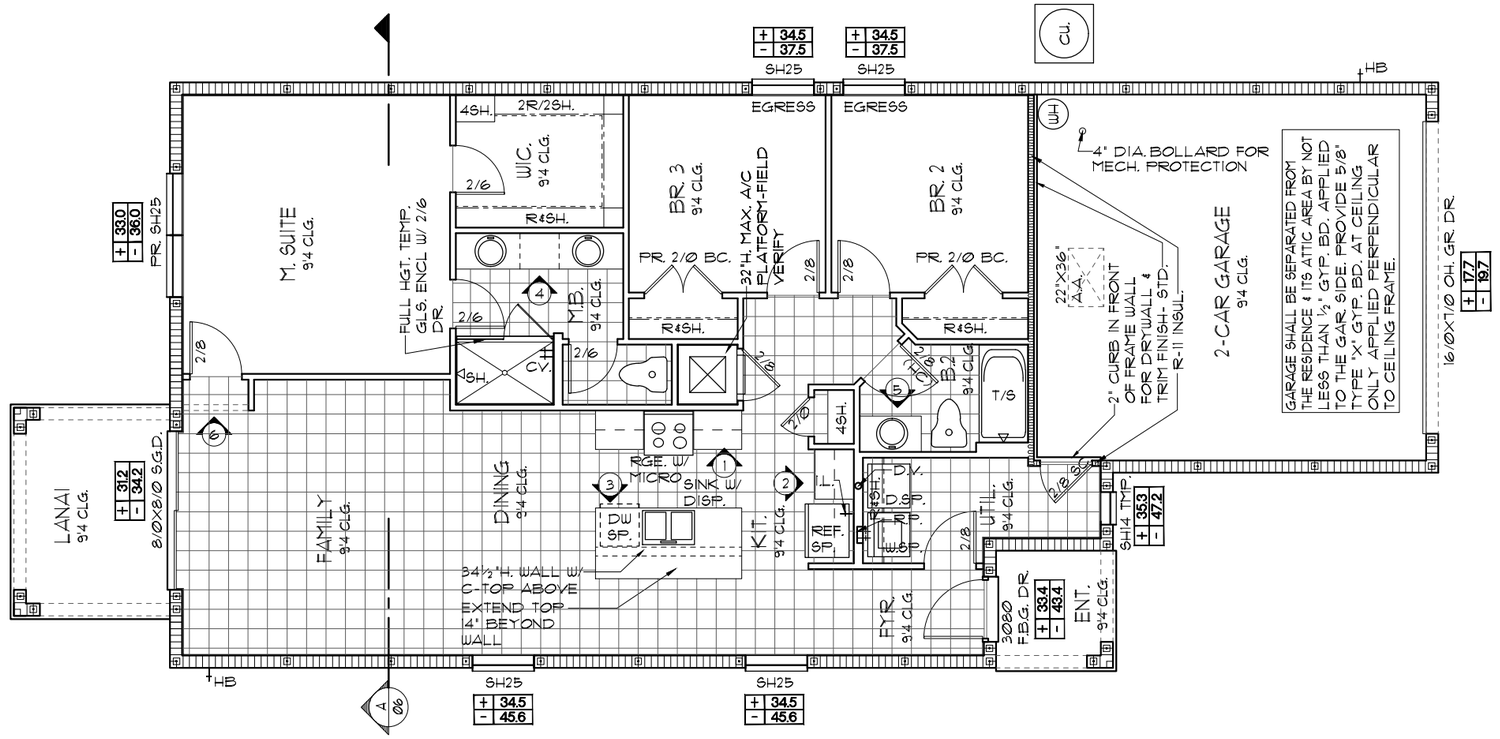
   DENOTES CONC. BLOCK WALL HGT. @ **X'-0" A.F.F.**
7. REFER TO TYPICAL DETAIL SHEET FOR EXTERIOR WALL FINISH SPECIFICATIONS
8. REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES
9. ANCHOR THE CONDENSER UNIT TO SLAB PER CODE: M 1307.1 - M1307.2
10. ALL INTER. FIRST FLOOR CEILINGS AT **9'-4"** UNLESS NOTED OTHERWISE.

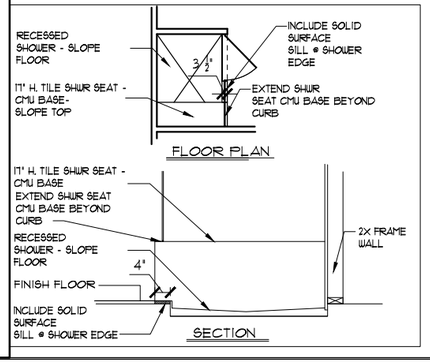
    ALL INTER. SECOND FLOOR CEILINGS AT **X'-X"** UNLESS NOTED OTHERWISE.

NOTE: 1. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THEN 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 27 1/2" = 6.119 SQFT	NET CLEAR OPENING 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". MIN. NET CLESR OPNG. FOR GRADE-FLOOR EMERGENCY SCAPE AND RESCUE OPNG. SHALL BE- 5 SQFT
SH25	63" H. X 37" W. WDW SIZE	





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

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

THRIVE PRODUCT

LAN 4000 COMMUNITY

REVISIONS	BY

TEG
THOMPSON ENGINEERING GROUP, INC
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www.tegfl.com

Park Square HOMES
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Orlando, Florida 32811
Phone: (407) 529 - 3000

FLOOR PLAN W/ NOTES

1335 AMAZE

THRIVE SERIES

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

EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R703.7.1 OF THE 8TH EDITION, FBCR. 2023
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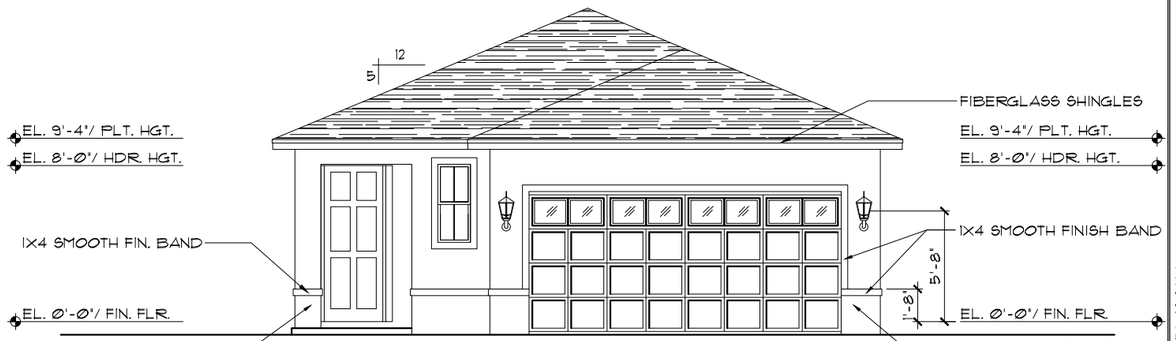

FRONT ELEVATION "A"

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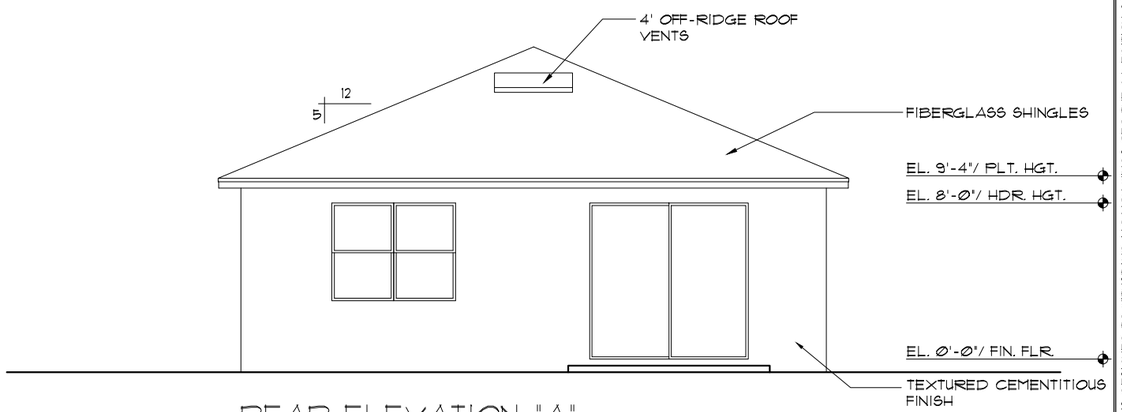

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EXTERIOR ELEVATION
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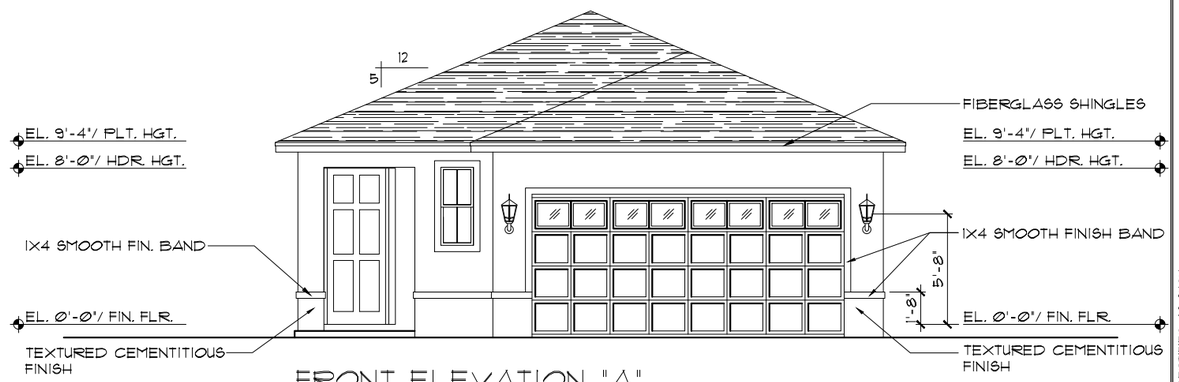

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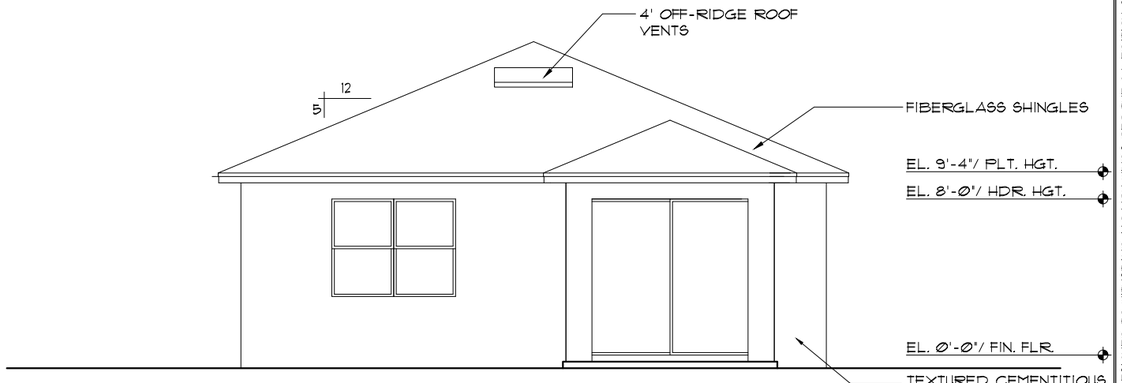

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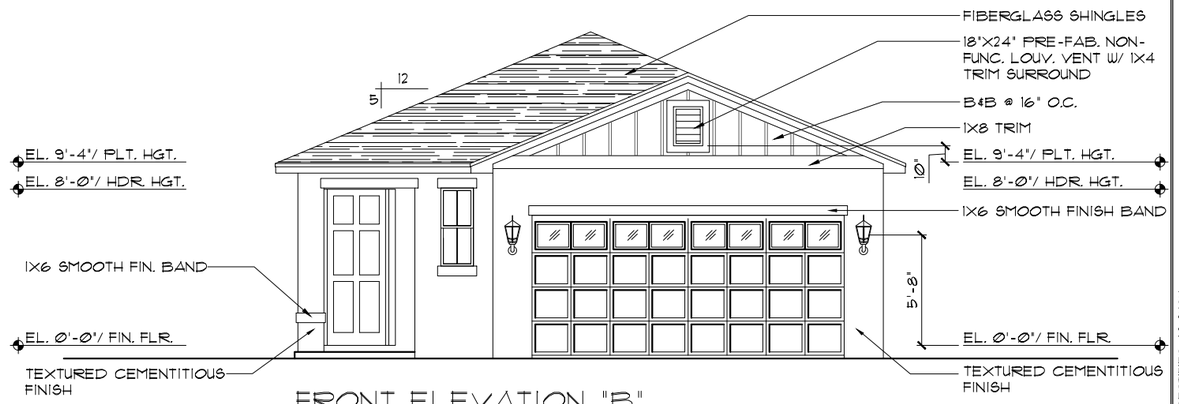

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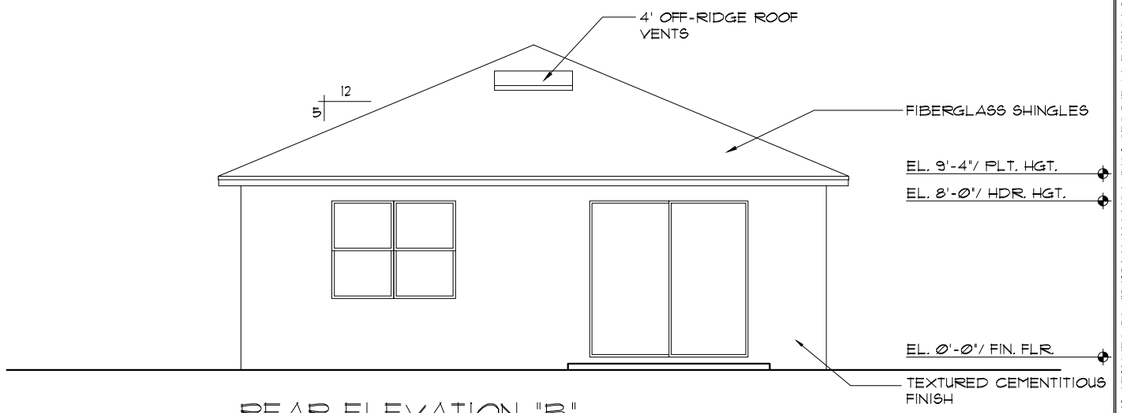

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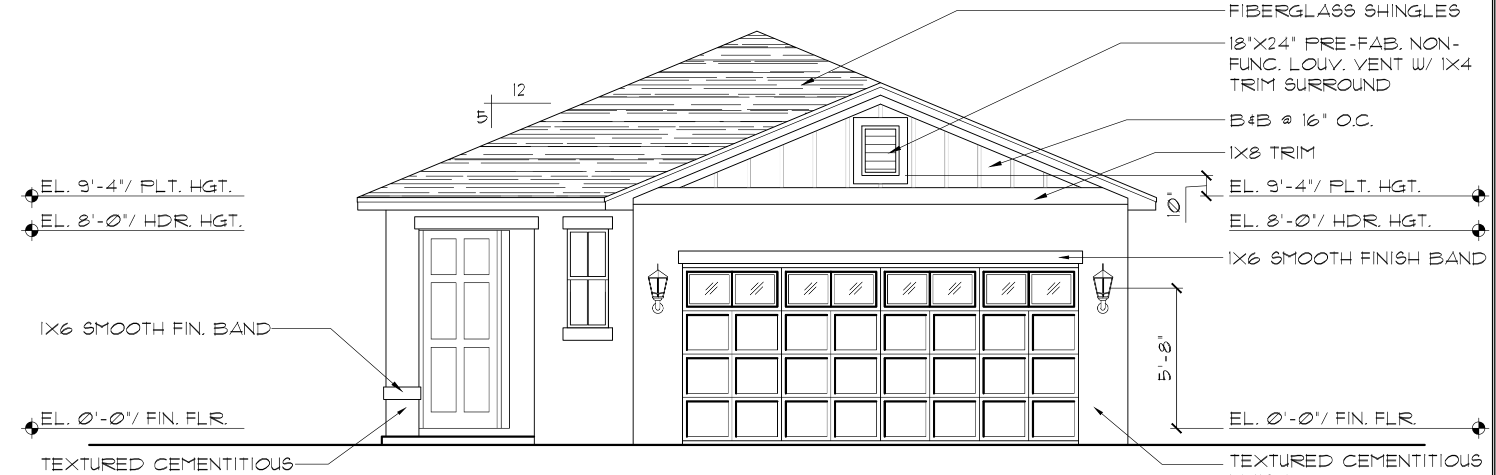

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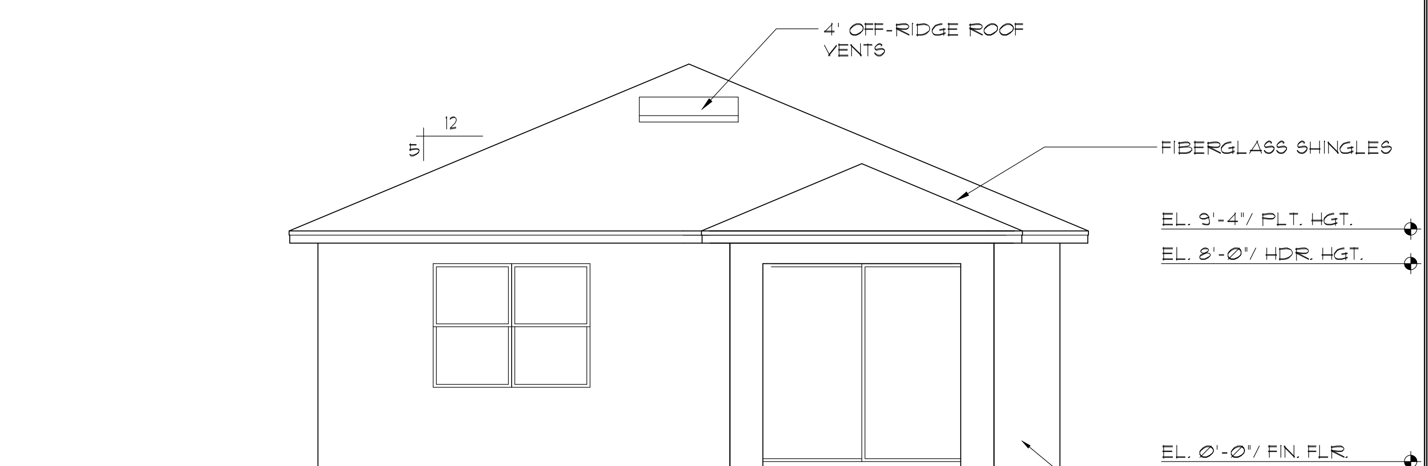

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EXTERIOR ELEVATION FRONT AND REAR

1335 AMAZE

THRIVE SERIES

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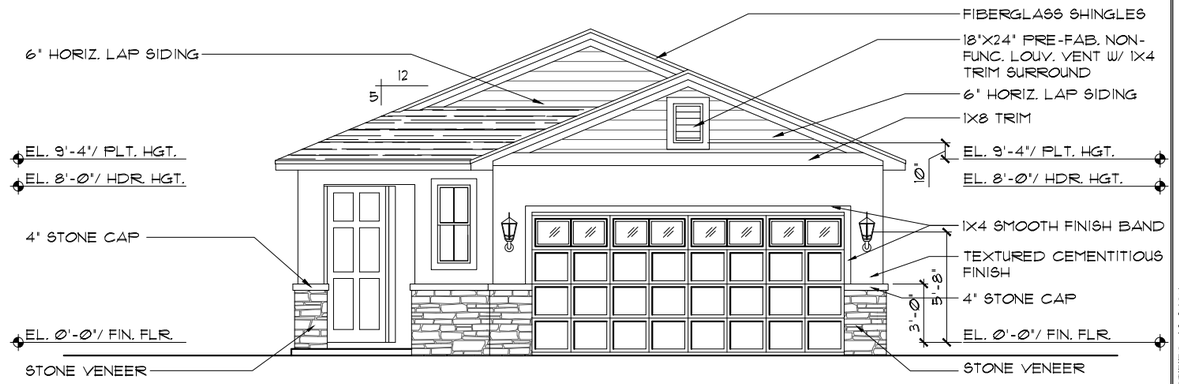

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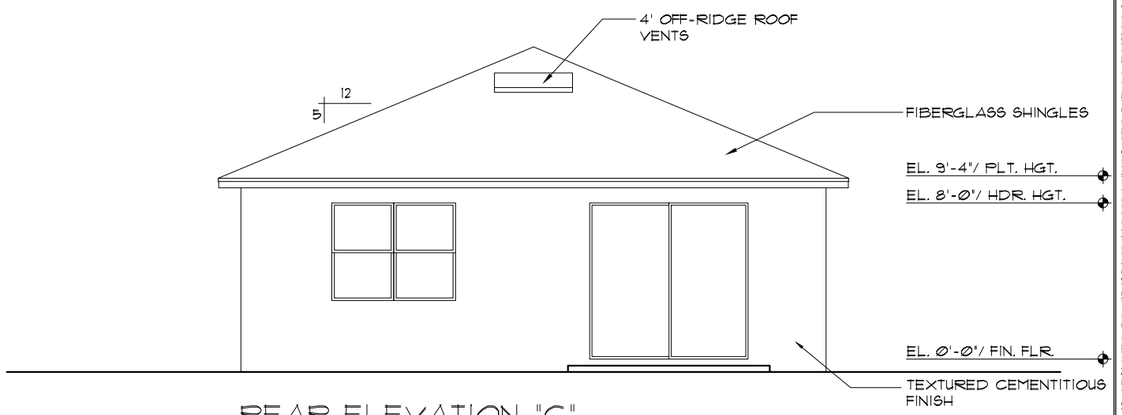

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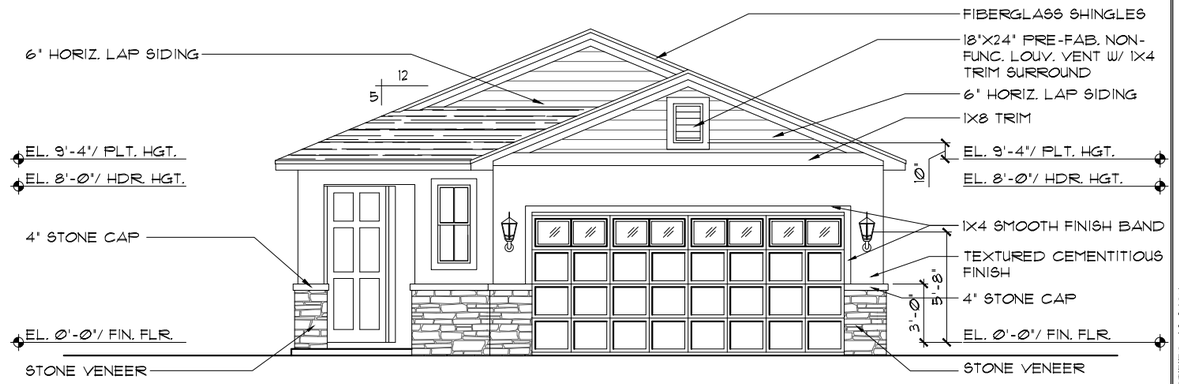

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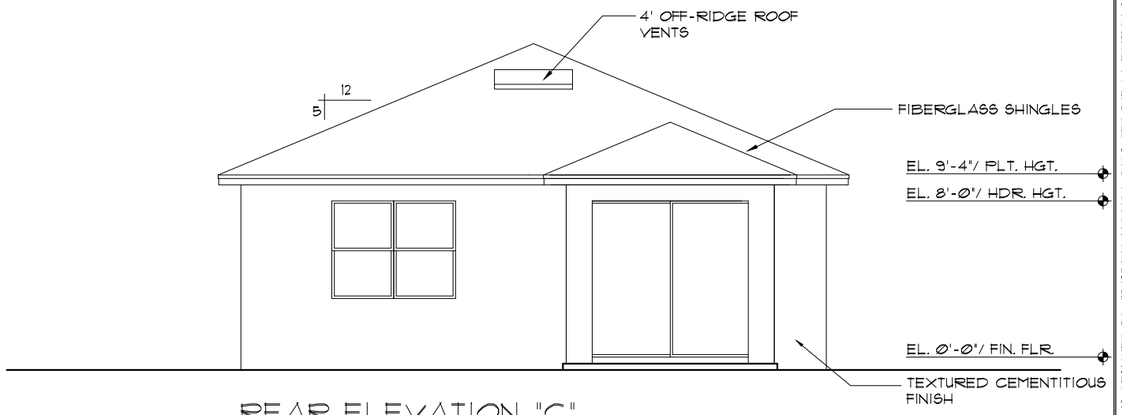

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EXTERIOR ELEVATION FRONT AND REAR

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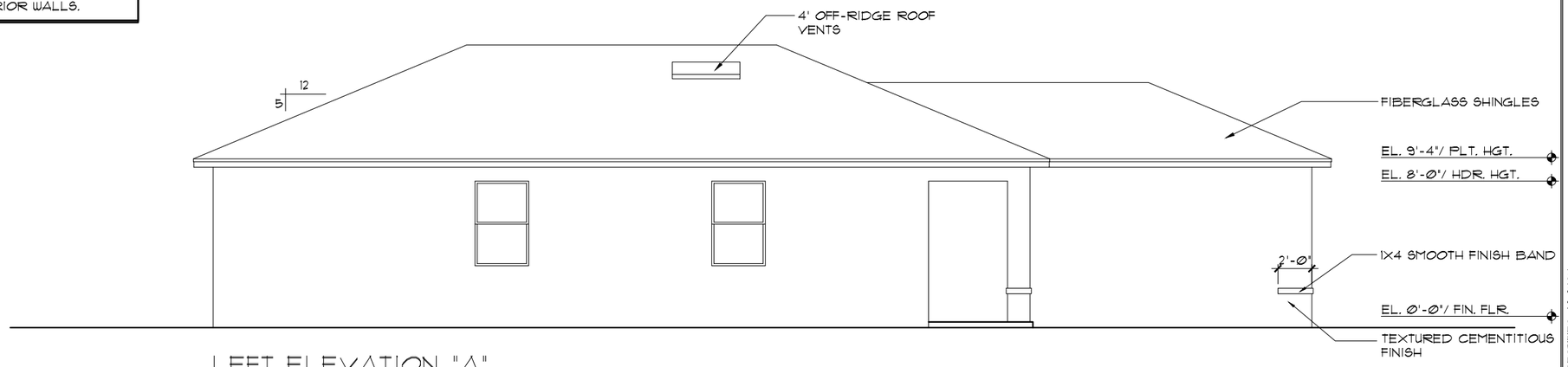

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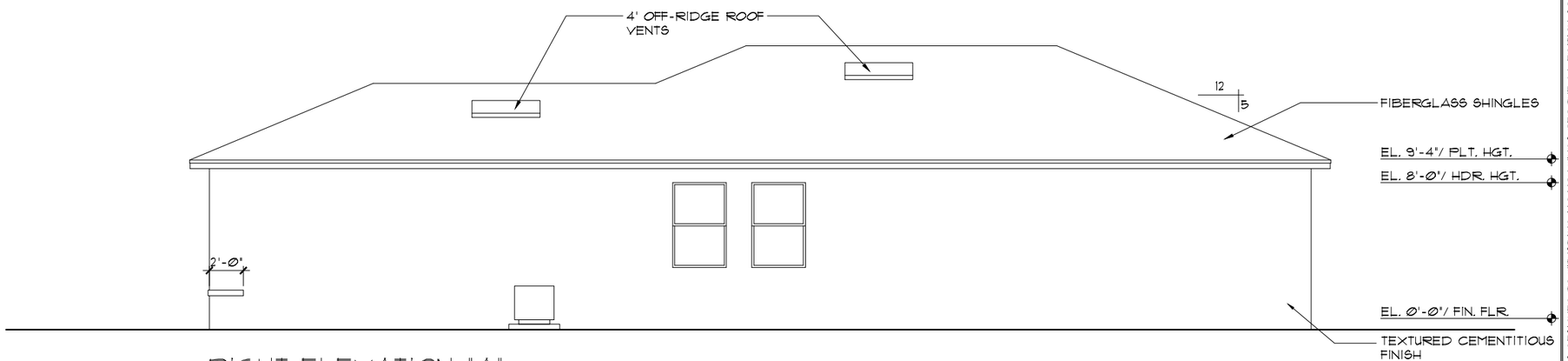

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EXTERIOR ELEVATION
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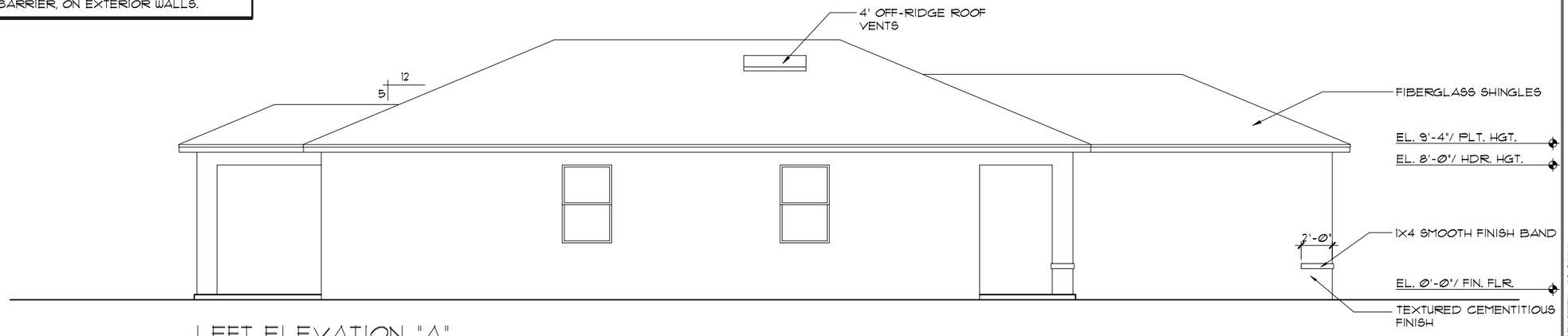

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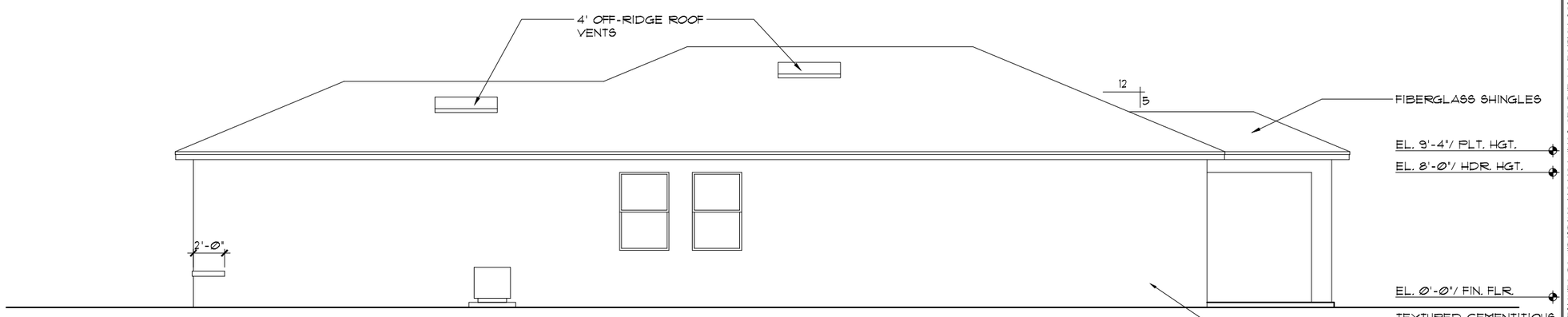

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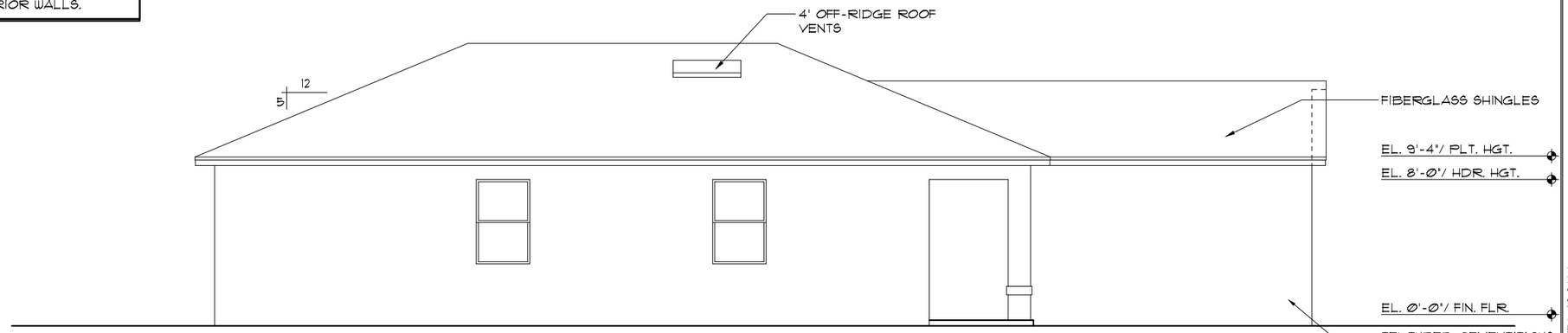

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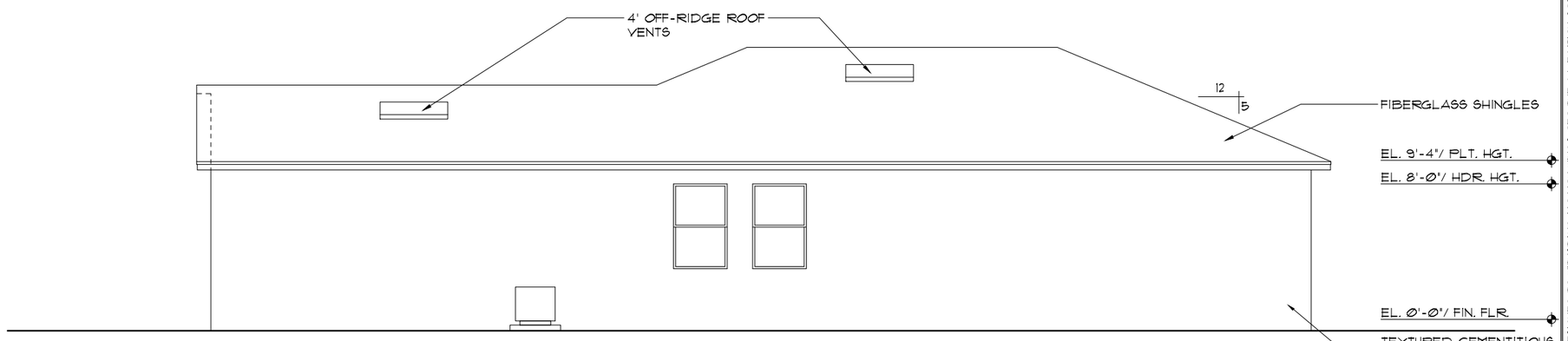

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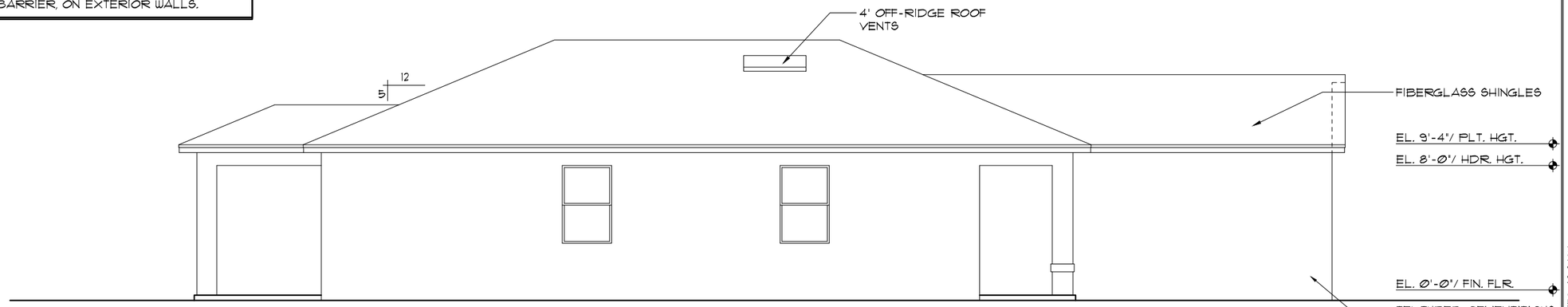

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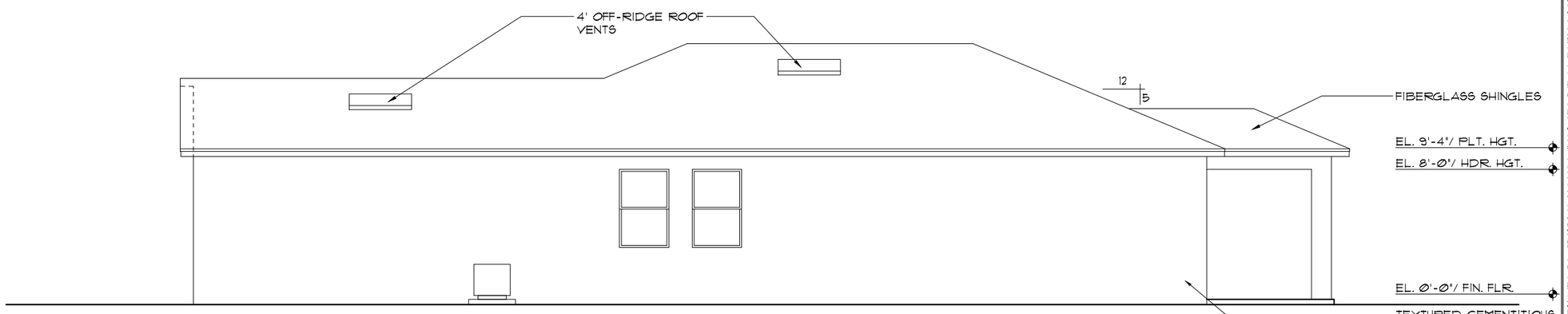

RIGHT ELEVATION "B"

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 1000 COMMUNITY

THRIVE PRODUCT

REVISIONS	BY

TEG
THOMPSON ENGINEERING GROUP, INC
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Phone: (407) 734-1700
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www.tegfl.com

Park Square HOMES

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

EXTERIOR ELEVATION LEFT AND RIGHT

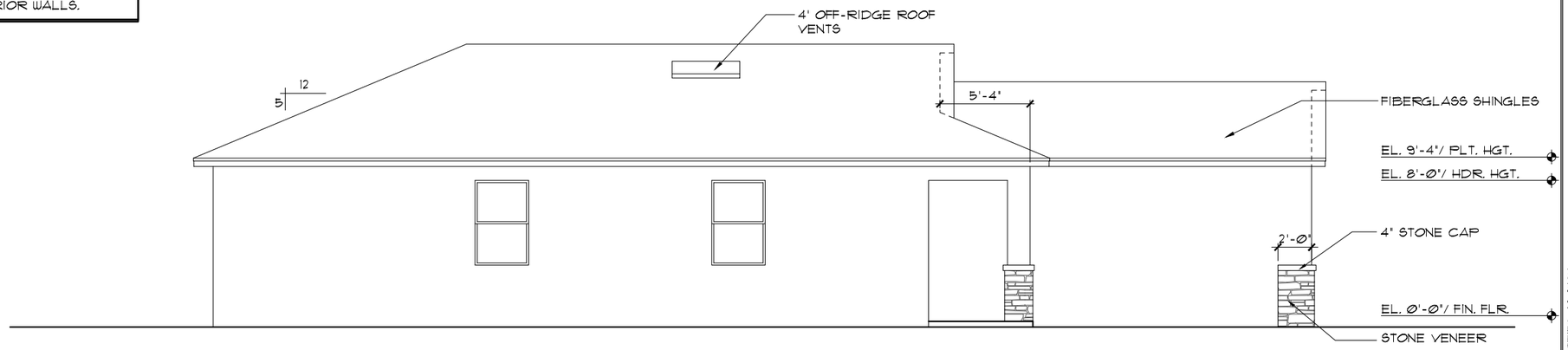
1335 AMAZE

THRIVE SERIES

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1335
SHEET	05B.1
OF	SHEETS

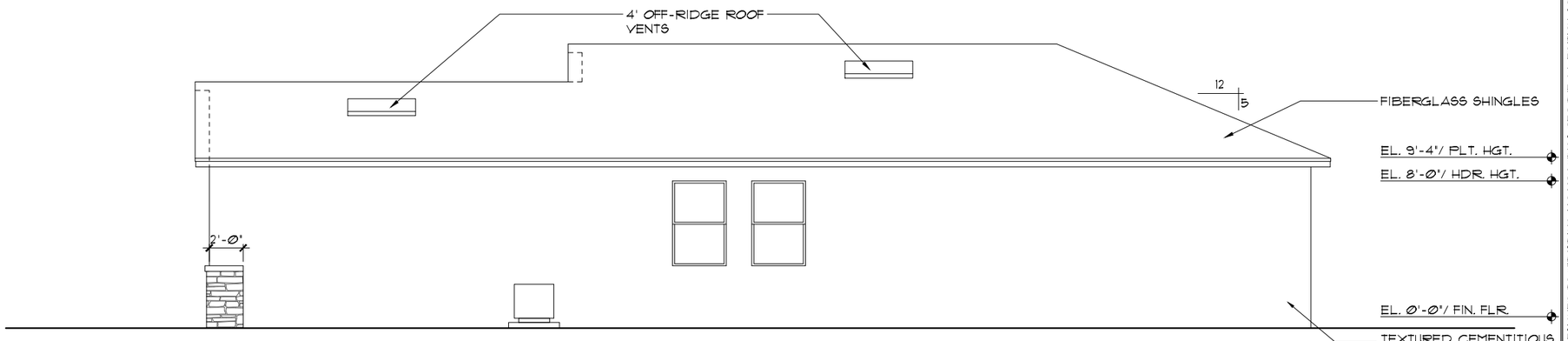
EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R703.7.1 OF THE 8TH EDITION, FBCR. 2023
2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R703.7.2 OF THE 8TH EDITION, FBCR. 2023
3. WEEP SCREED TO BE INSTALLED IAW R703.7.2.1 OF THE 8TH EDITION, FBCR. 2023
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R703.7.3 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"

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LOT: 0000, COMMUNITY

THRIVE PRODUCT

REVISIONS	BY

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Park Square HOMES

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Orlando, Florida 32811
Phone: (407) 529 - 3000

EXTERIOR ELEVATION LEFT AND RIGHT

1335 AMAZE

THRIVE SERIES

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

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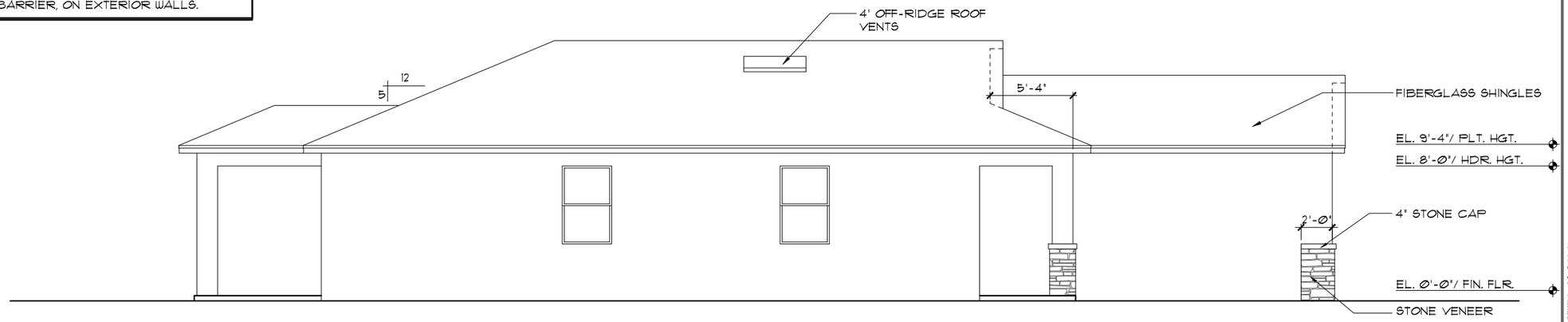

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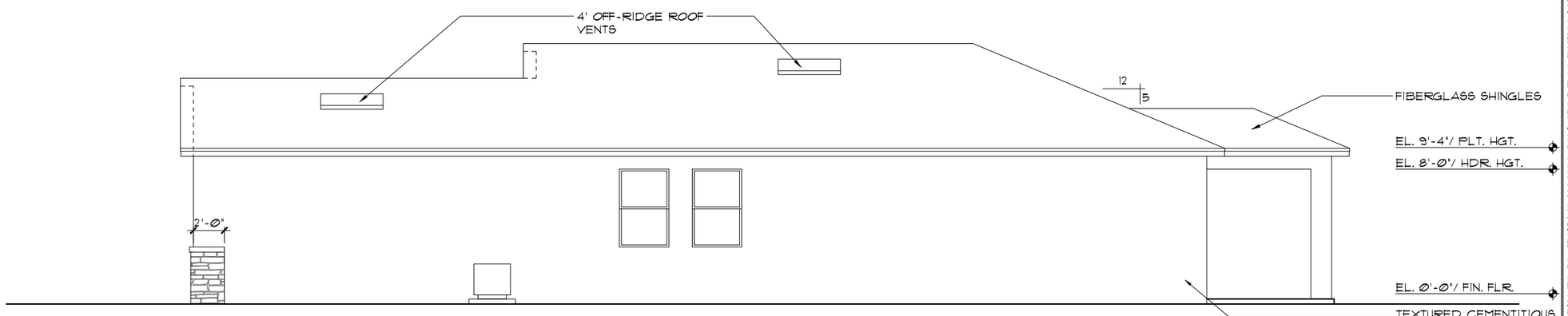
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



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THRIVE PRODUCT

LAKE NONA COMMUNITY

REVISIONS	BY

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THOMPSON ENGINEERING GROUP, INC.
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Park Square HOMES
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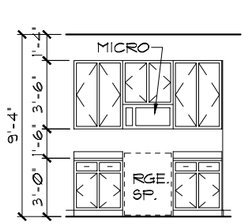
5200 Vineland Road, Suite 200
Orlando, Florida 32811
Phone: (407) 529 - 3000

EXTERIOR ELEVATION
LEFT AND RIGHT

1335 AMAZE

THRIVE SERIES

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



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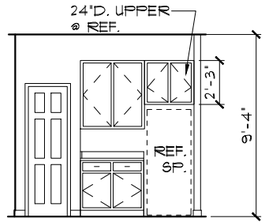

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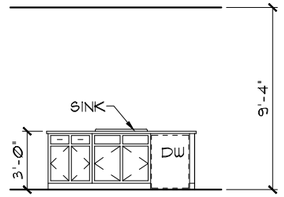

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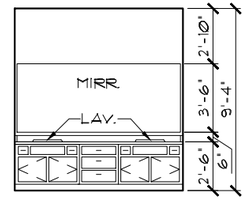

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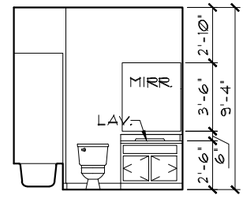

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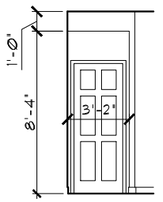
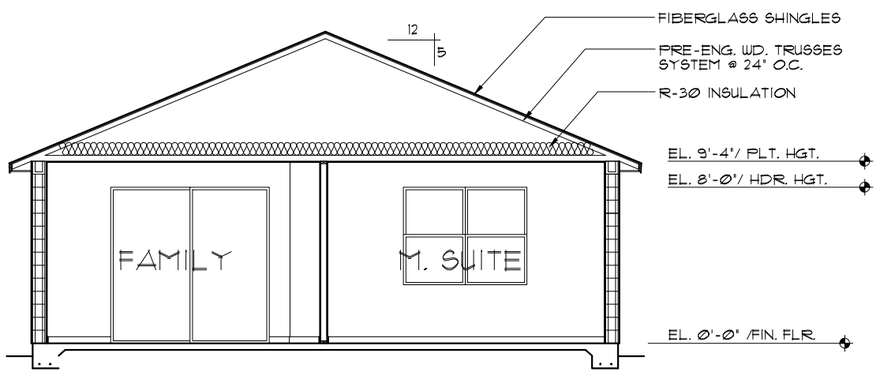


6

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.



A
06 CROSS SECTION

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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CROSS SECTION / INTERIOR ELEVATIONS

1335 AMAZE

THRIVE SERIES

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

MECHANICAL/GENERAL NOTES

PER 8TH ED. 2023 FLA BLD. CODE-RESIDENTIAL

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

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

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

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

5.) IAW NEC 2020- 406.12, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.
6.) ALL OUTLETS IN BATHROOMS, KITCHEN, GARAGES AND LAUNDRY ROOM SHALL BE GFCI

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

8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED. P2801.7

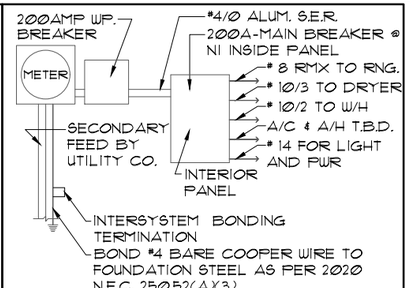
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.

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

N.T.S.

NOTE: 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.

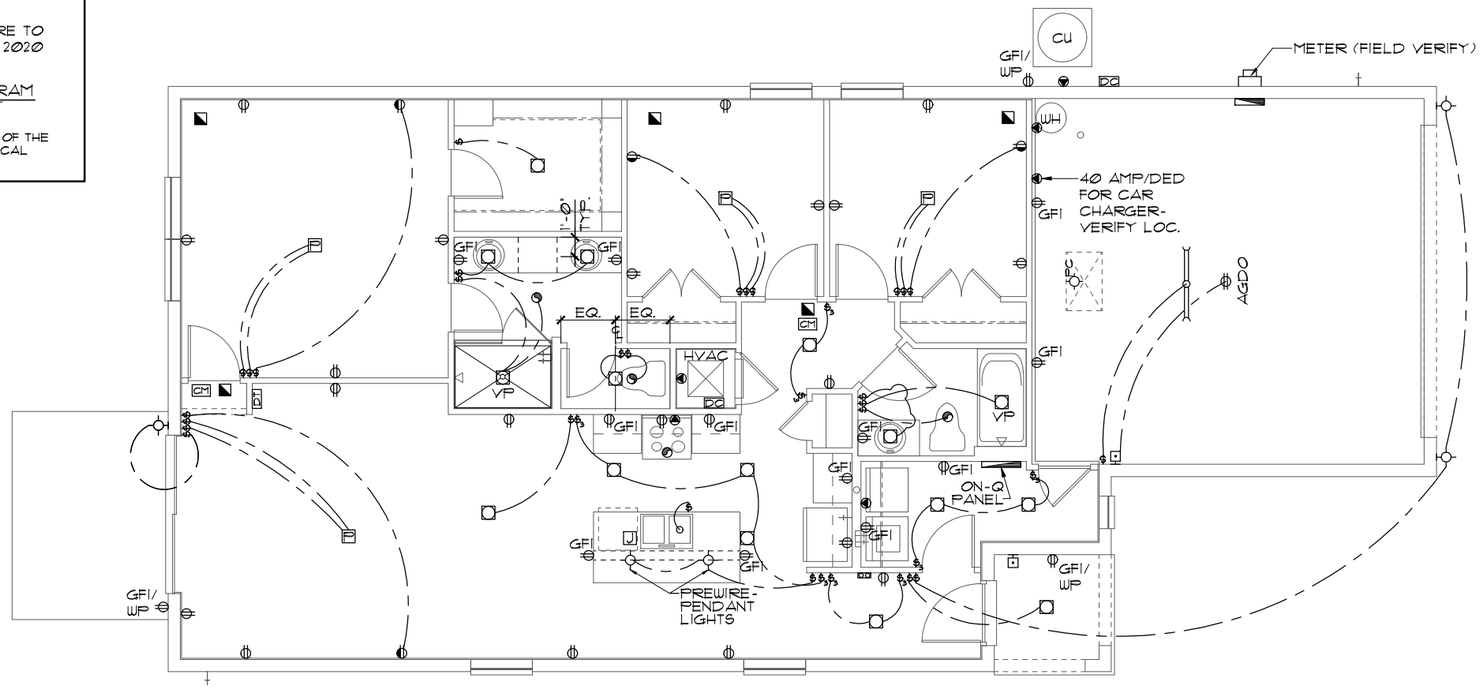
250.52(A)(3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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 ½ inch in diameter and at least 20 ft. long, encased in 2 inches of concrete; (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.

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

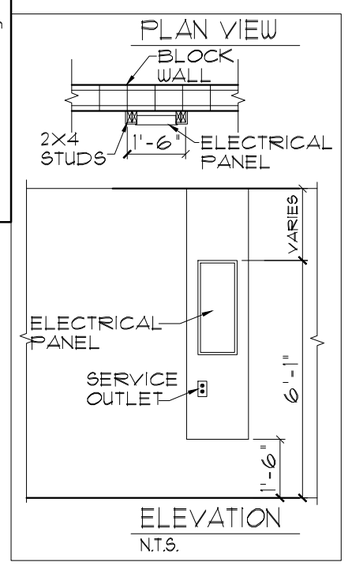
Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings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



ELECTRICAL PLAN A,B,C (THRIVE)

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

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



ELECTRICAL LEGEND

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

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

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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

MECHANICAL/GENERAL NOTES

PER 8TH ED. 2023 FLA BLD. CODE-RESIDENTIAL

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KIDDE: SMOKE-21007581, C/O 21006377-N

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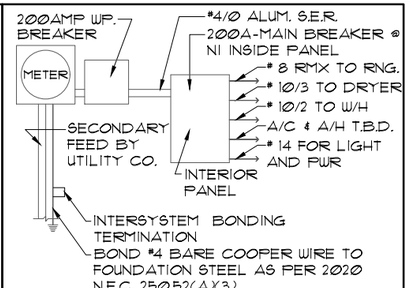

ELECTRICAL RISER DIAGRAM

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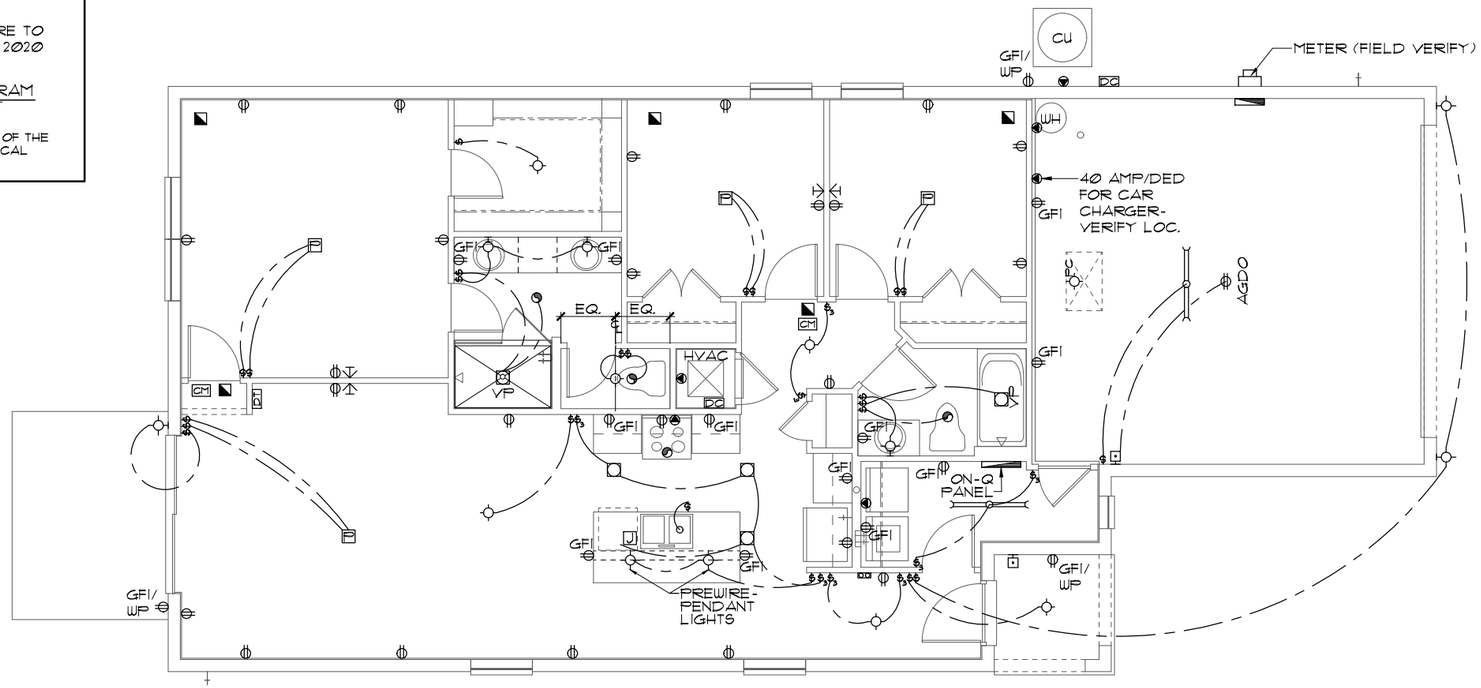

ELECTRICAL PLAN A,B,C (PRIMARY)

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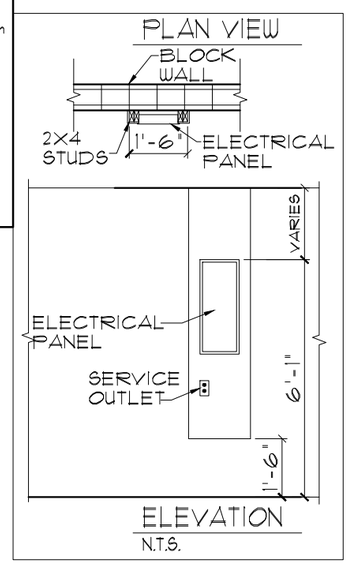
NOTE: ON-Q BOX TO BE INSTALLED PER COMMUNITY SPECS



ELECTRICAL LEGEND

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

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

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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

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

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

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

5.) IAW NEC 2020- 406.12, ALL 15A AND 20A, 125V RECEPTACLES SHALL BE LISTED AS TAMPER RESISTANT.
6.) ALL OUTLETS IN BATHROOMS, KITCHEN, GARAGES AND LAUNDRY ROOM SHALL BE GFCI

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

8.) ALL WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS WATER HEATER IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED. P2801.7

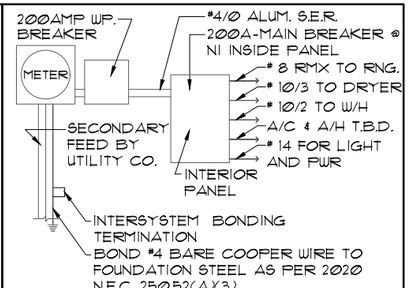
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.

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.

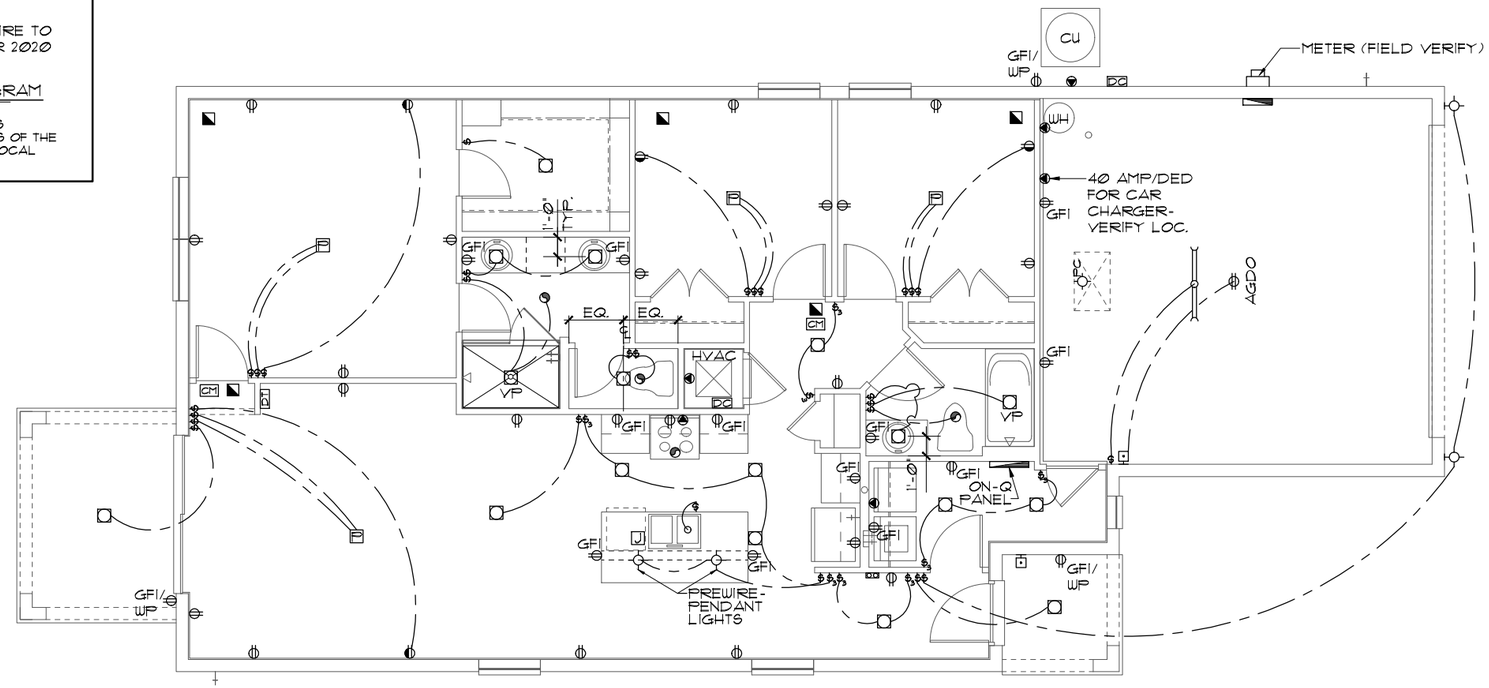
250.52(A)(3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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 ½ inch in diameter and at least 20 ft. long, encased in 2 inches of concrete† (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete.

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

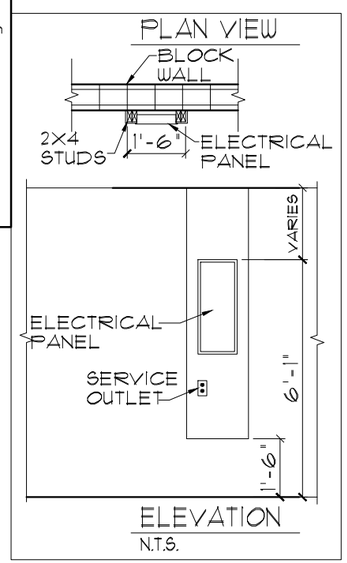
Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings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



ELECTRICAL PLAN A,B,C (THRIVE)

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

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



ELECTRICAL LEGEND

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

LANAI OPTION

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

TEG
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(407) 734-1540
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5200 Vineland Road, Suite 200
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ELECTRICAL PLAN

1335 AMAZE

THRIVE SERIES

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

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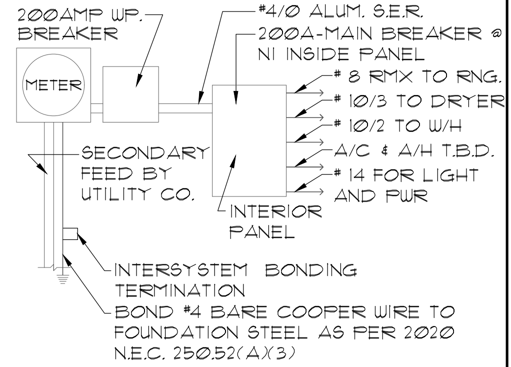

ELECTRICAL RISER DIAGRAM

N.T.S.

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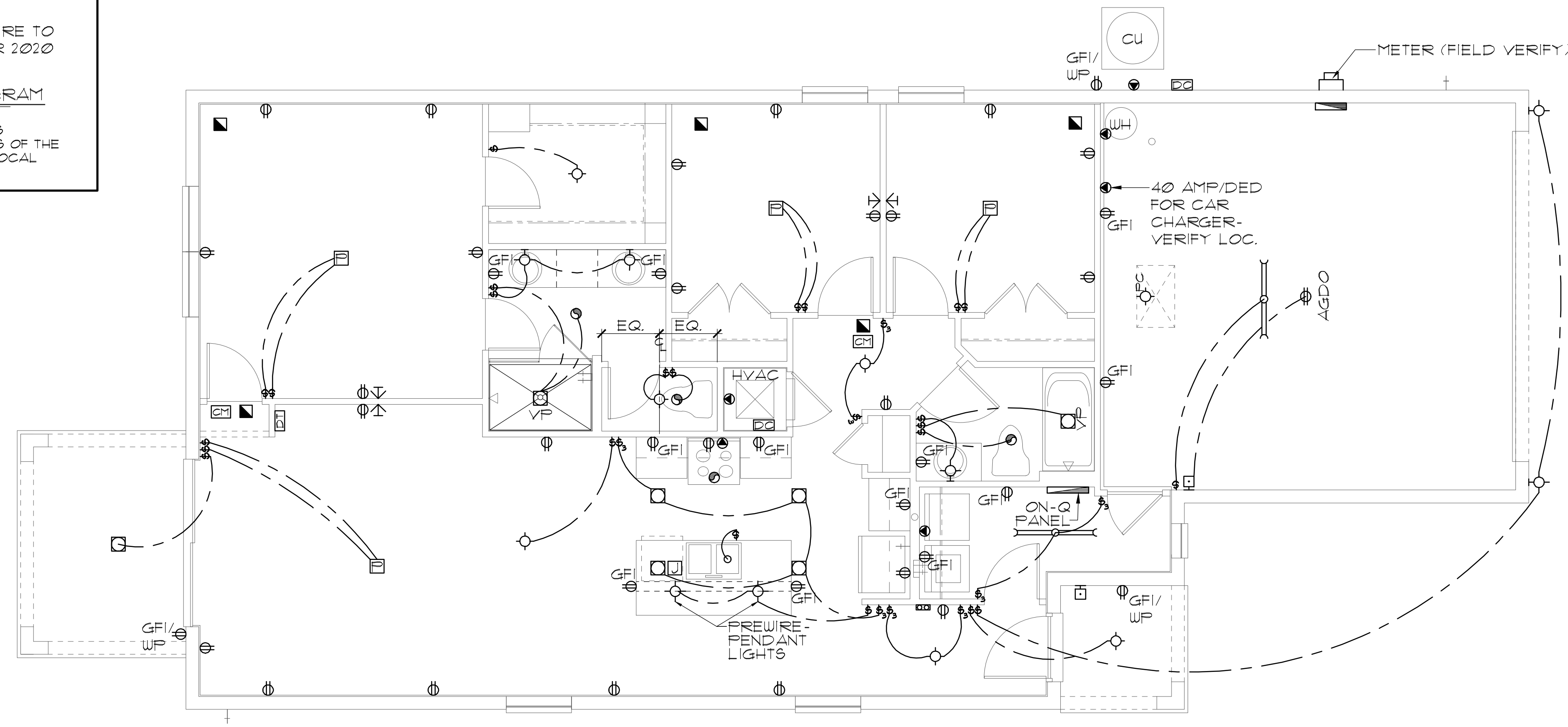
The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated with non-conductive material.

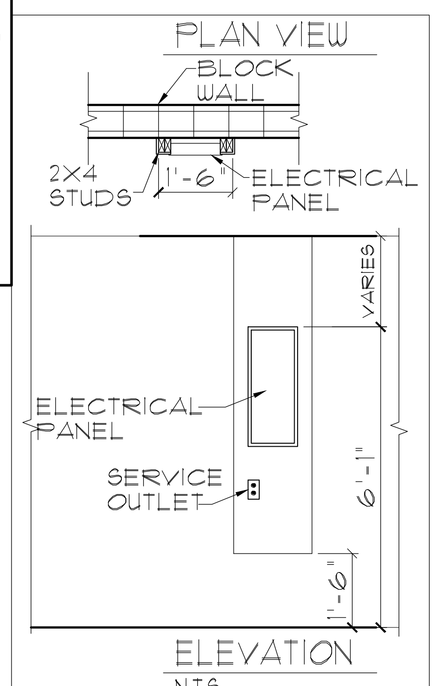
Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings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

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

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



ELECTRICAL LEGEND

Symbol	Description	Symbol	Description
	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.	CM	CARBON MONOXIDE
	OUT. 110-115, FLR. MOUNT.		PUSH BUTTON
	SPCL. PURPOSE 220-240		EXHAUST FAN
	LIGHT FIXT., CLG. MTD.		EX. FAN/LIGHT COMBO
	LIGHT FIXT., WALL MTD.		DISPOSAL
	LED LIGHT FIXT., RECESSED		ELECTRICAL PANEL
	LIGHT FIXT., REC. ADJUST.		CEILING FAN, PREWIRE
	LIGHT FIXT., PULL CHAIN		CEILING FAN, INSTALL
	LED LIGHT FIXT.FLUORESCENT	J	ELECT. JUNCTION BOX
	LIGHT FIXT., EXT. FLOODS		THERMOSTAT
EXIT	LIGHT FIXT., EMERG. EXIT	DC	DISCONNECT SWITCH
	LIGHT FIXT., EXIT/BACKUP		ELEC. POWER METER

LANAI OPTION

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

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ELECTRICAL PLAN

1335 AMAZE

THRIVE SERIES

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

ATTIC VENTILATION CALCULATIONS

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

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

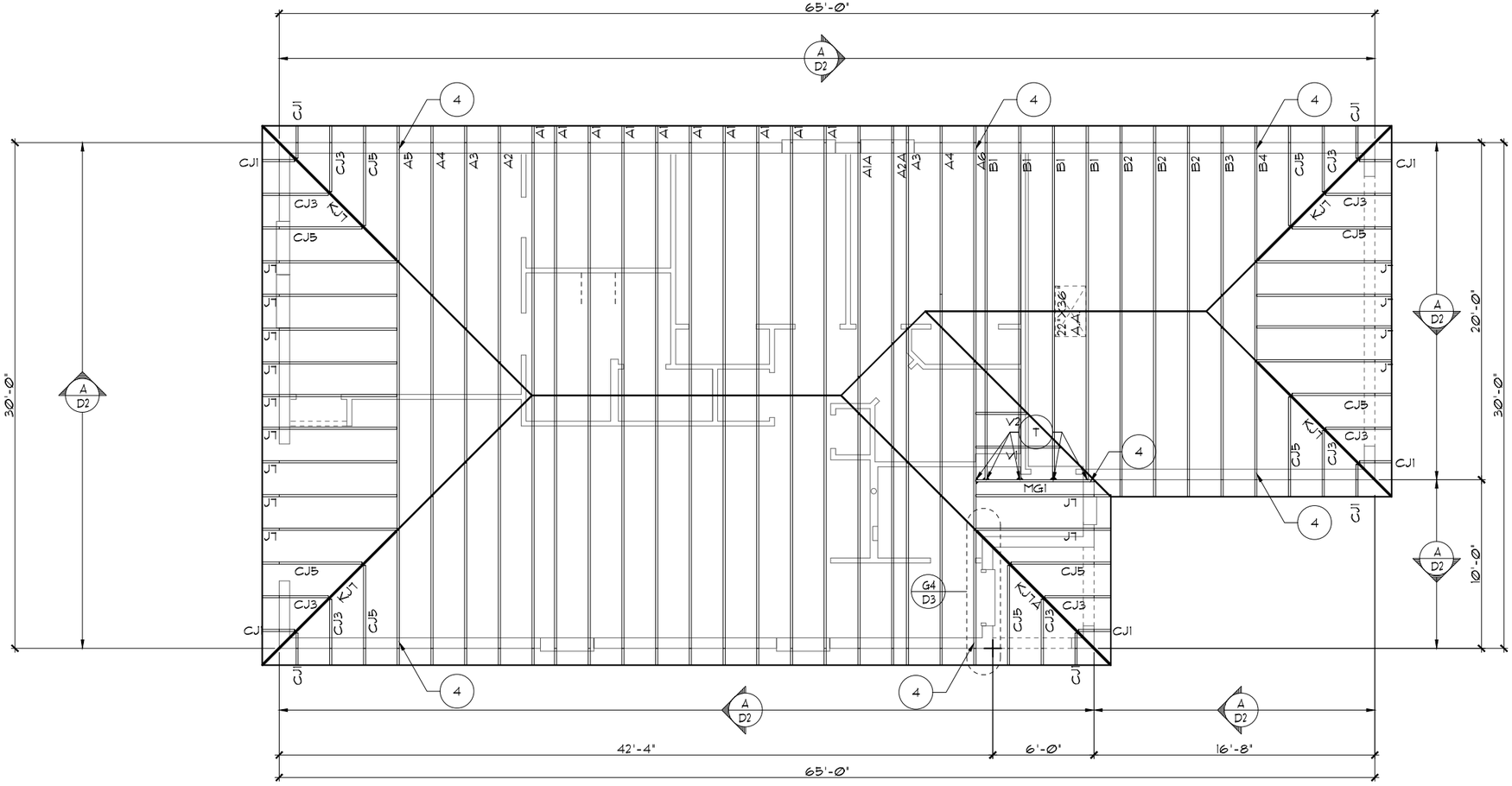
TOTAL VENTED SPACE: 1,783S.F. / 300 = 5,94S.F. NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL:-------- 2,55S.F.
PROVIDED W/OFF RIDGE VENTS: 3 VENTS @ .85S.F. /VENT.
(VENT TYPE: LOMANCO MODEL 770-D OR MILLENNIUM METAL)
LOWER PORTION VENTILATION TOTAL:-------- 17.22S.F.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
(198L.F. @ 0.087S.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/WTCA BCSI 1.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R905.1.1 - Underlayment materials required to comply with ASTM D226, D4869 ot Type IV shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
   - LOMANCO : (2) 9 1/" DIA. CIRCLES
   - MILLENIUM METAL : 2 1/2" X 46" HOLE
9. ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R905.1.1.1



TRUSS LAYOUT "A"

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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TRUSS LAYOUT

1335 AMAZE
THRIVE SERIES

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

ATTIC VENTILATION CALCULATIONS

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

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

TOTAL VENTED SPACE: 1,783S.F. / 300 = 5,948S.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 770-D OR MILLENNIUM METAL)
LOWER PORTION VENTILATION TOTAL:-------- 17.22S.F.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
(198L.F. @ 0.087S.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.
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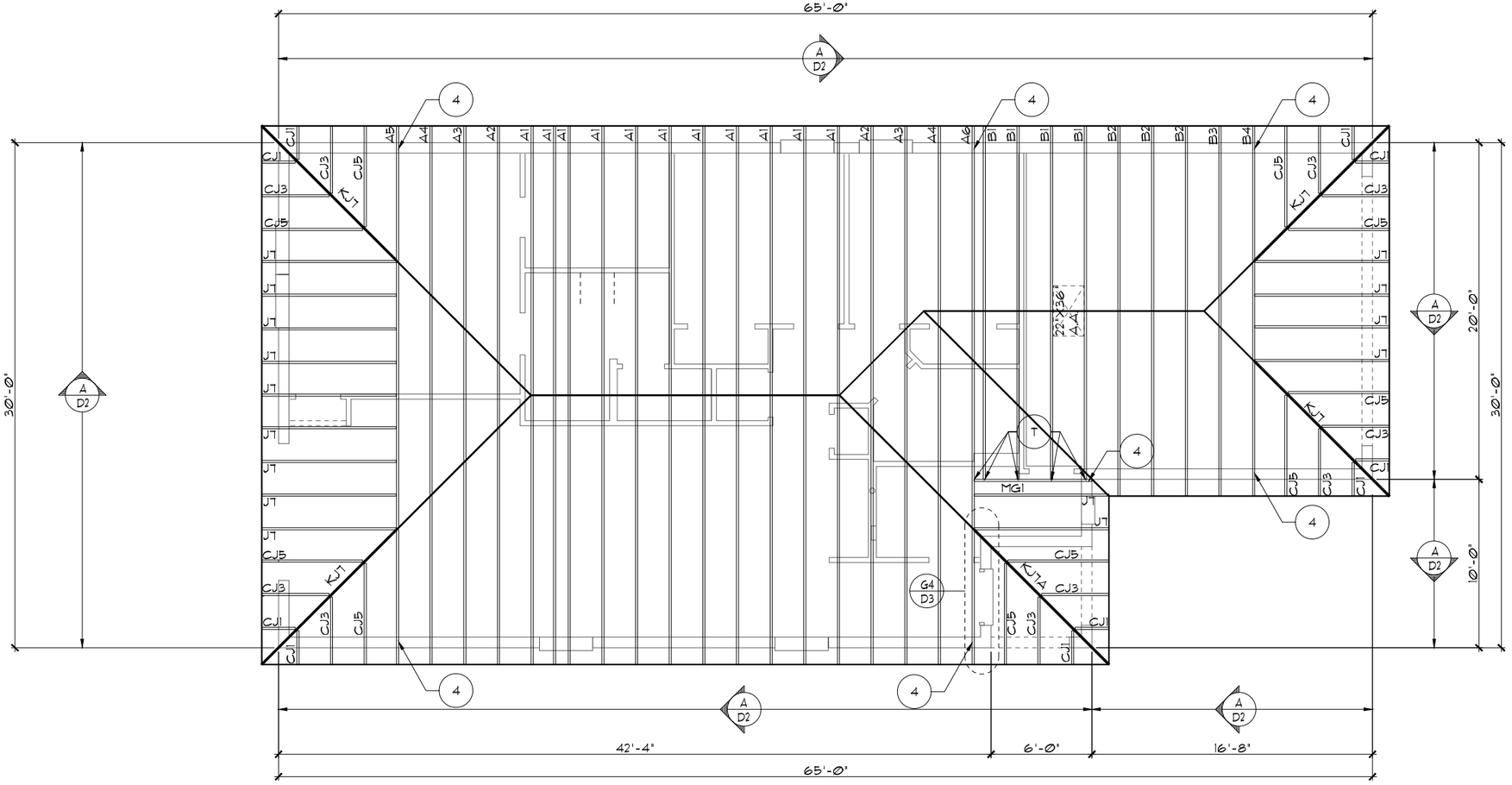
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R905.1.1 - Underlayment materials required to comply with ASTM D226, D4869 ot Type IV shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
   - LOMANCO : (2) 9 1/" DIA. CIRCLES
   - MILLENIUM METAL : 2 1/2" X 46" HOLE
9. ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R905.1.1.1



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TRUSS LAYOUT

1335 AMAZE

THRIVE SERIES

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: 1,863S.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 770-D OR MILLENNIUM METAL)
LOWER PORTION VENTILATION TOTAL:-------- 18.61S.F.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
(214LF. @ 0.087S.F. VENTING PER L.F.)

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

NOTES

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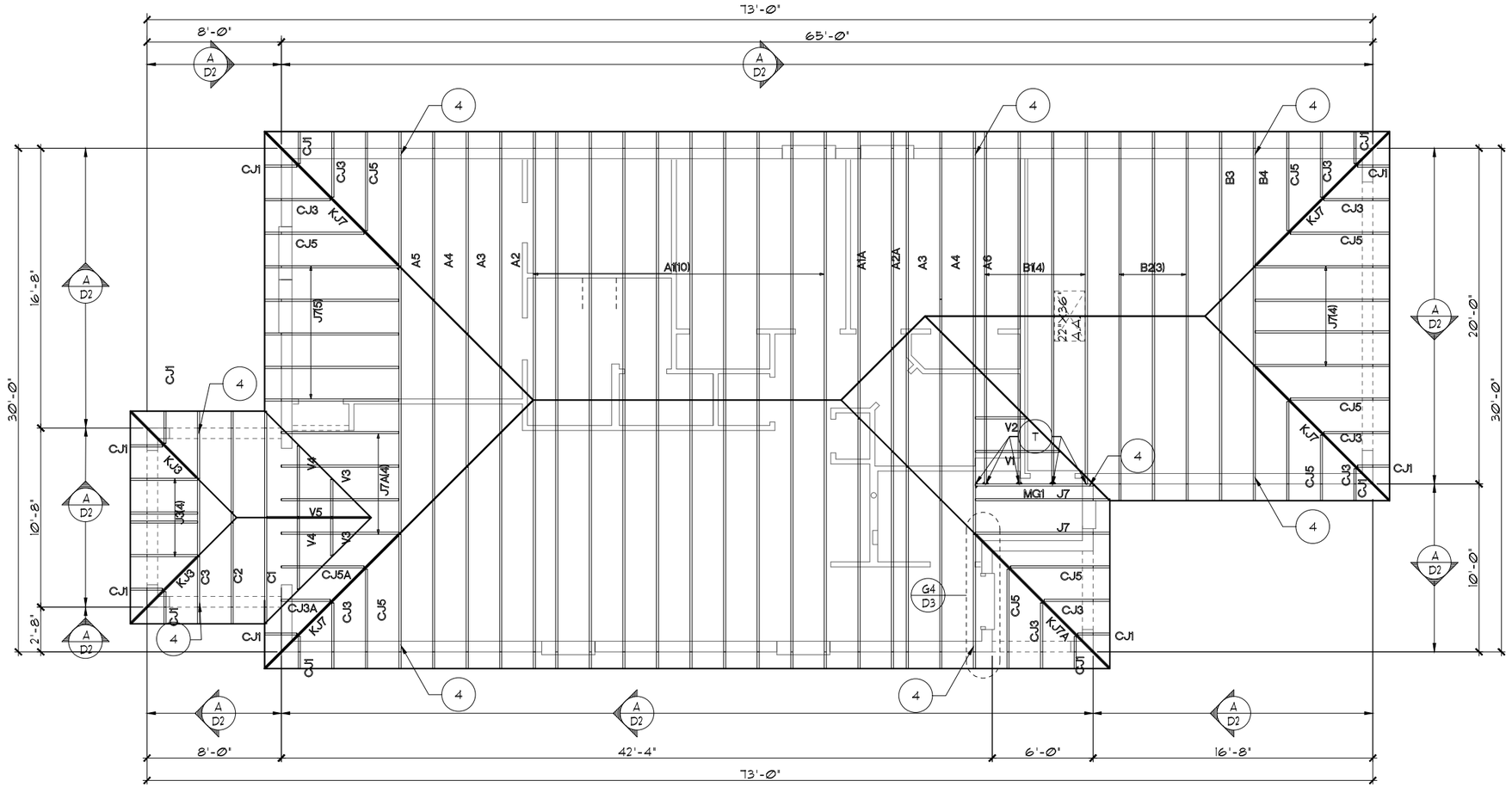

TRUSS LAYOUT "A"

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

LANAI OPTION

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

TEG
THOMPSON ENGINEERING GROUP, INC
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www.tegfl.com

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Orlando, Florida 32811
Phone: (407) 529 - 3000

TRUSS LAYOUT

1335 AMAZE

THRIVE SERIES

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

ATTIC VENTILATION CALCULATIONS

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

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

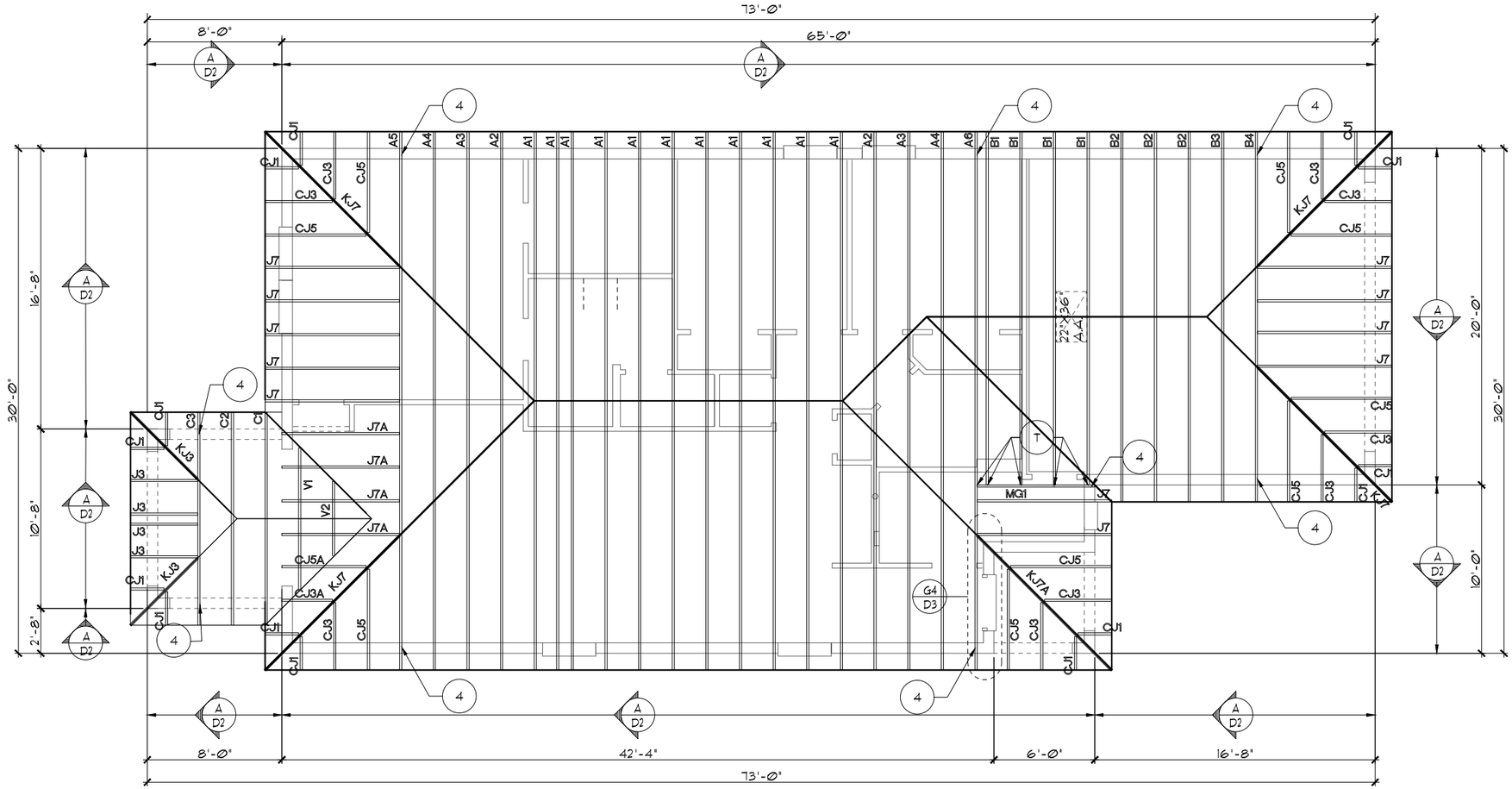
TOTAL VENTED SPACE: 1,863S.F. / 300 = 6,213.F. NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL:-------- 2,55S.F.
PROVIDED W/OFF RIDGE VENTS: 3 VENTS @ .85S.F. /VENT.
(VENT TYPE: LOMANCO MODEL 770-D OR MILLENNIUM METAL)
LOWER PORTION VENTILATION TOTAL:-------- 18.61S.F.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
(214LF. @ 0.087S.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 BCSI 1.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R905.1.1 - Underlayment materials required to comply with ASTM D226, D4869 ot Type IV shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
   - LOMANCO : (2) 9 1/" DIA. CIRCLES
   - MILLENIUM METAL : 2 1/2" X 46" HOLE
9. ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R905.1.1.1



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TRUSS LAYOUT

1335 AMAZE

THRIVE SERIES

DATE	06-01-22
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ATTIC VENTILATION CALCULATIONS

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

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

TOTAL VENTED SPACE: 1,783S.F. / 300 = 5,94S.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:-------- 17.22S.F.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
(198L.F. @ 0.087S.F. VENTING PER L.F.)

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

NOTES

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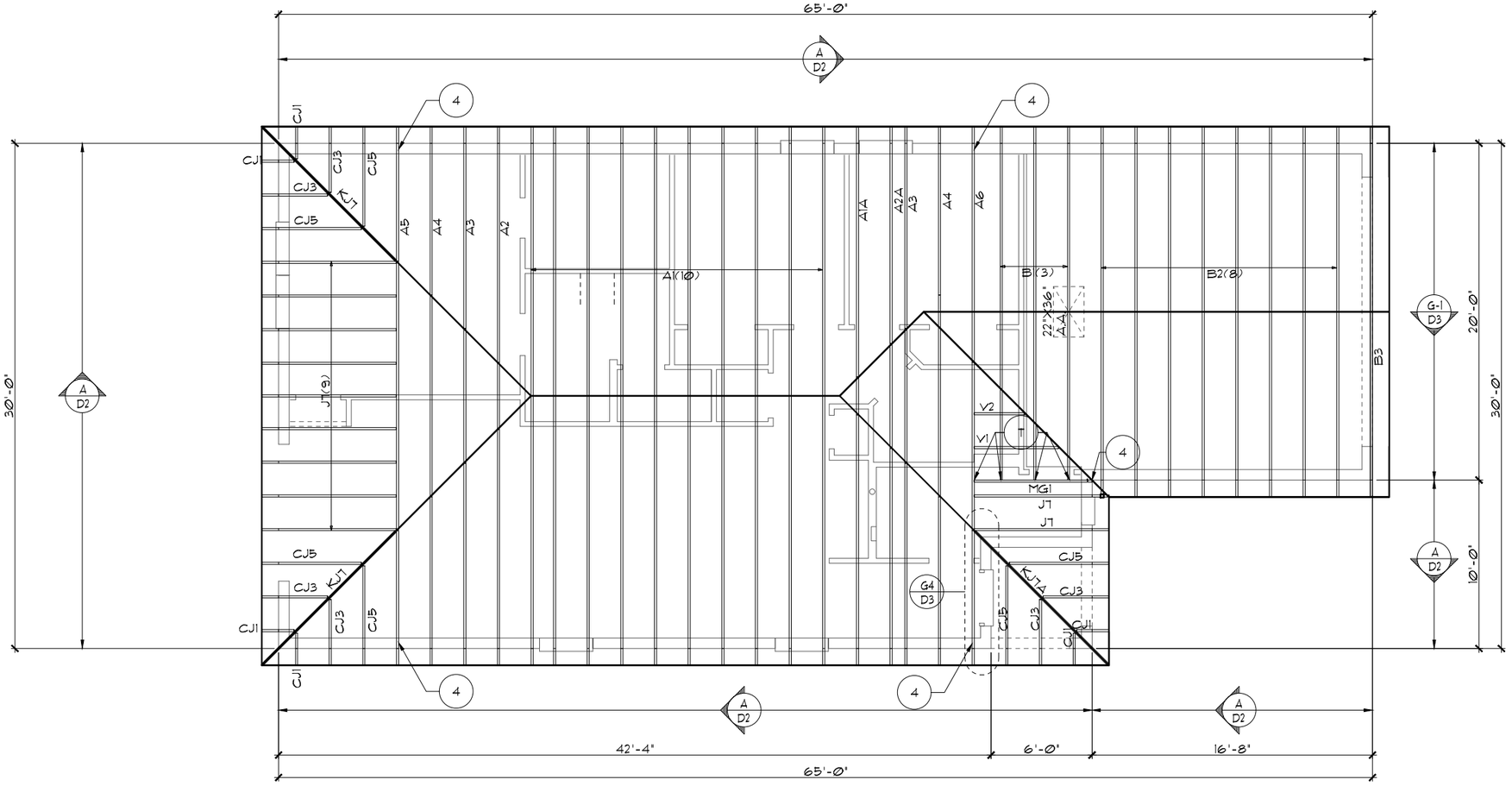

TRUSS LAYOUT "B"

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TRUSS LAYOUT

1335 AMAZE

THRIVE SERIES

DATE	06-01-22
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THE MINIMUM NET VENTILATION AREA SHALL BE 1/300 OF VENTED SPACE:

TOTAL VENTED SPACE: 1,783S.F. / 300 = 5,948S.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 770-D OR MILLENNIUM METAL)
LOWER PORTION VENTILATION TOTAL:-------- 17,228S.F.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
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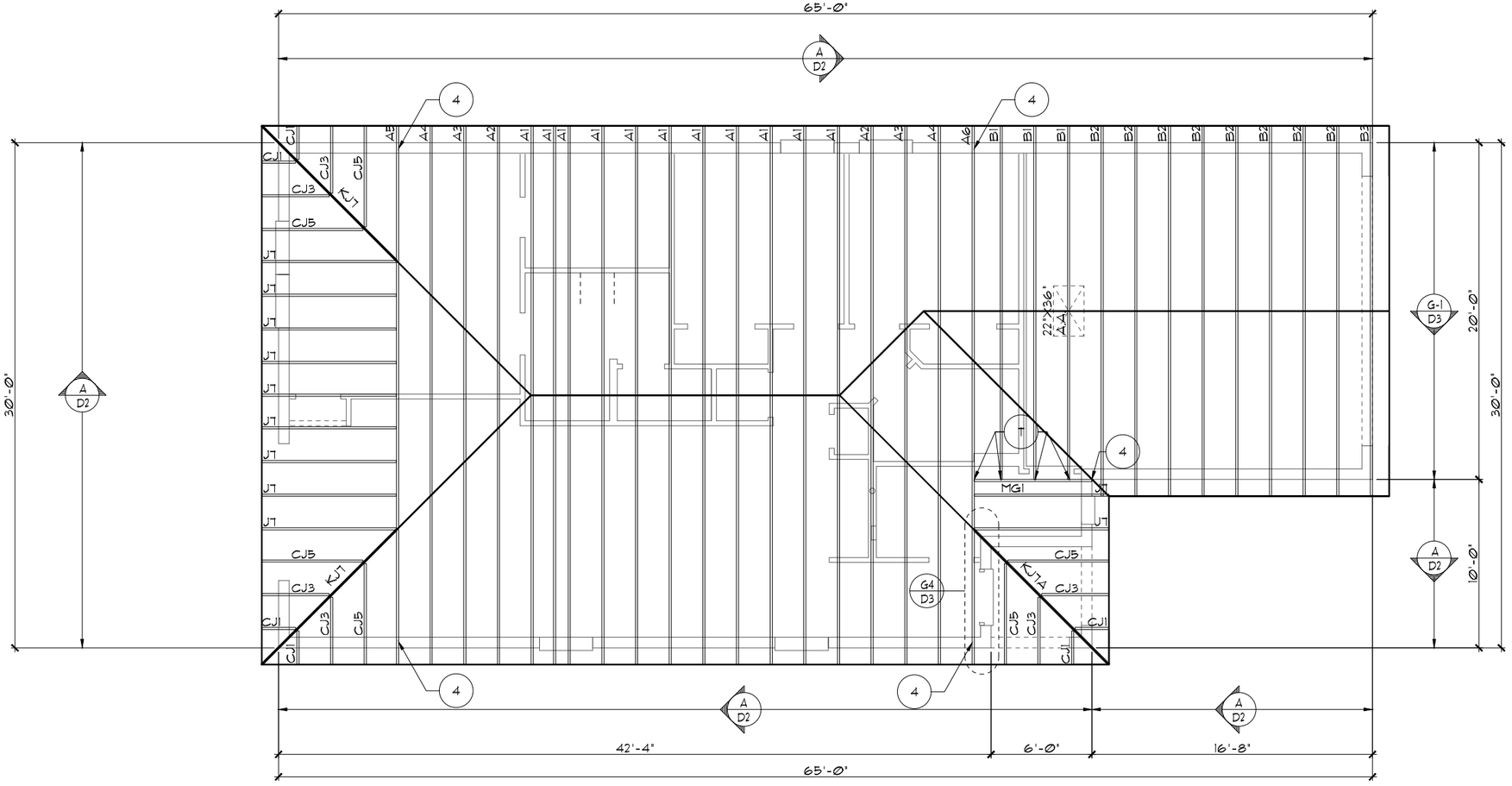

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TRUSS LAYOUT

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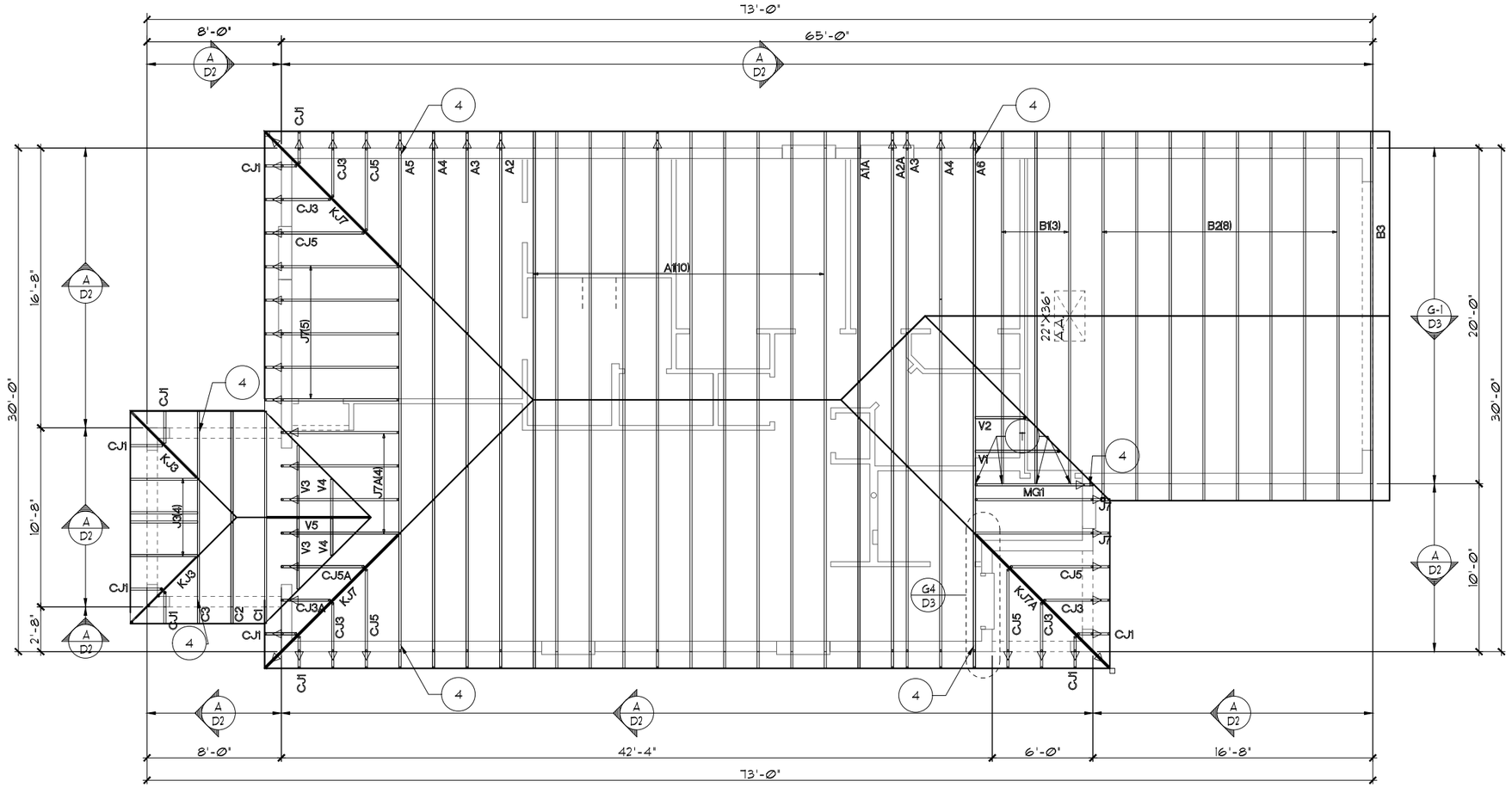

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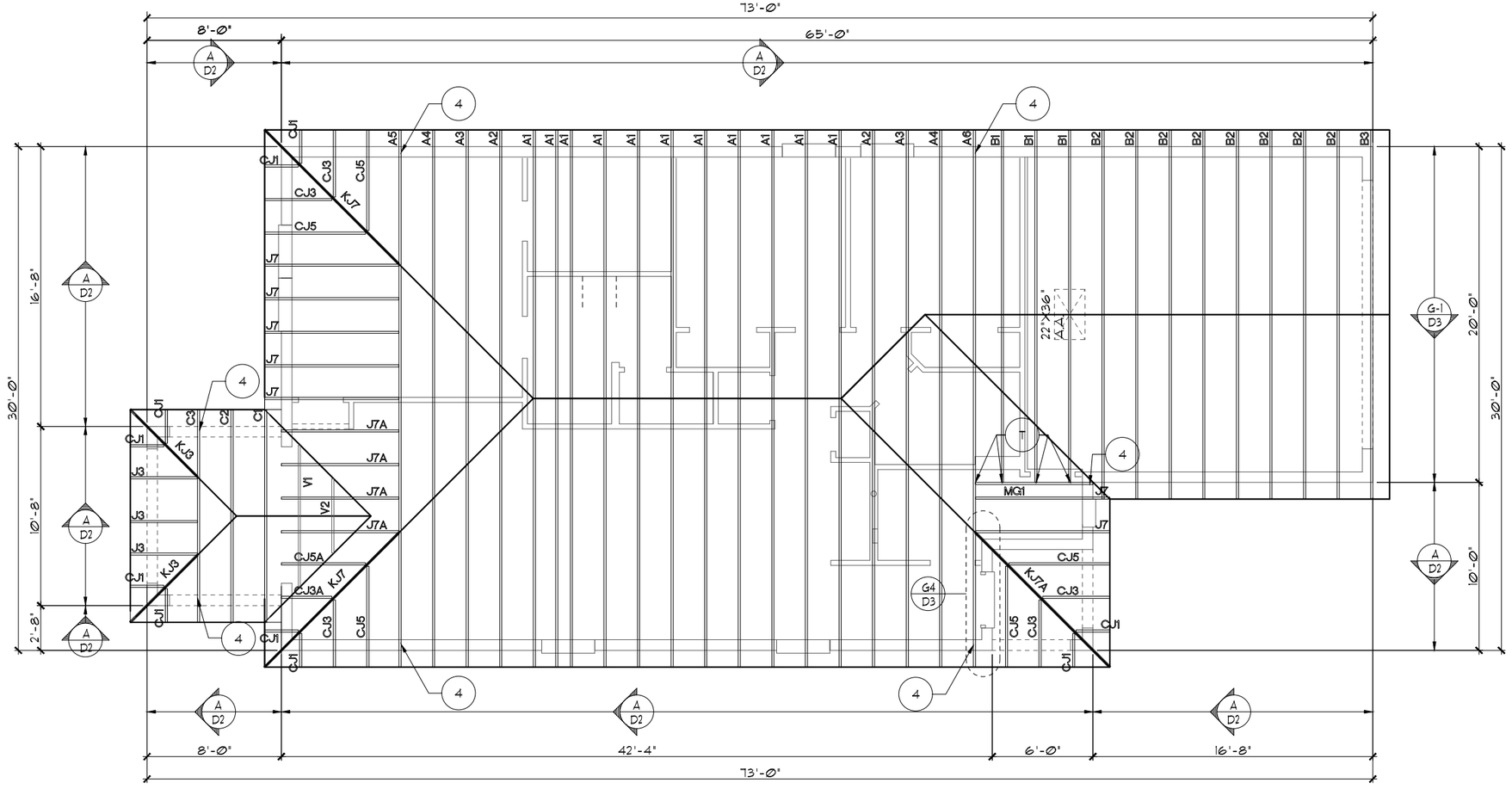

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LOWER PORTION VENTILATION TOTAL:-------- 17,228S.F.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
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UPPER PORTION PERCENTAGE: 42%
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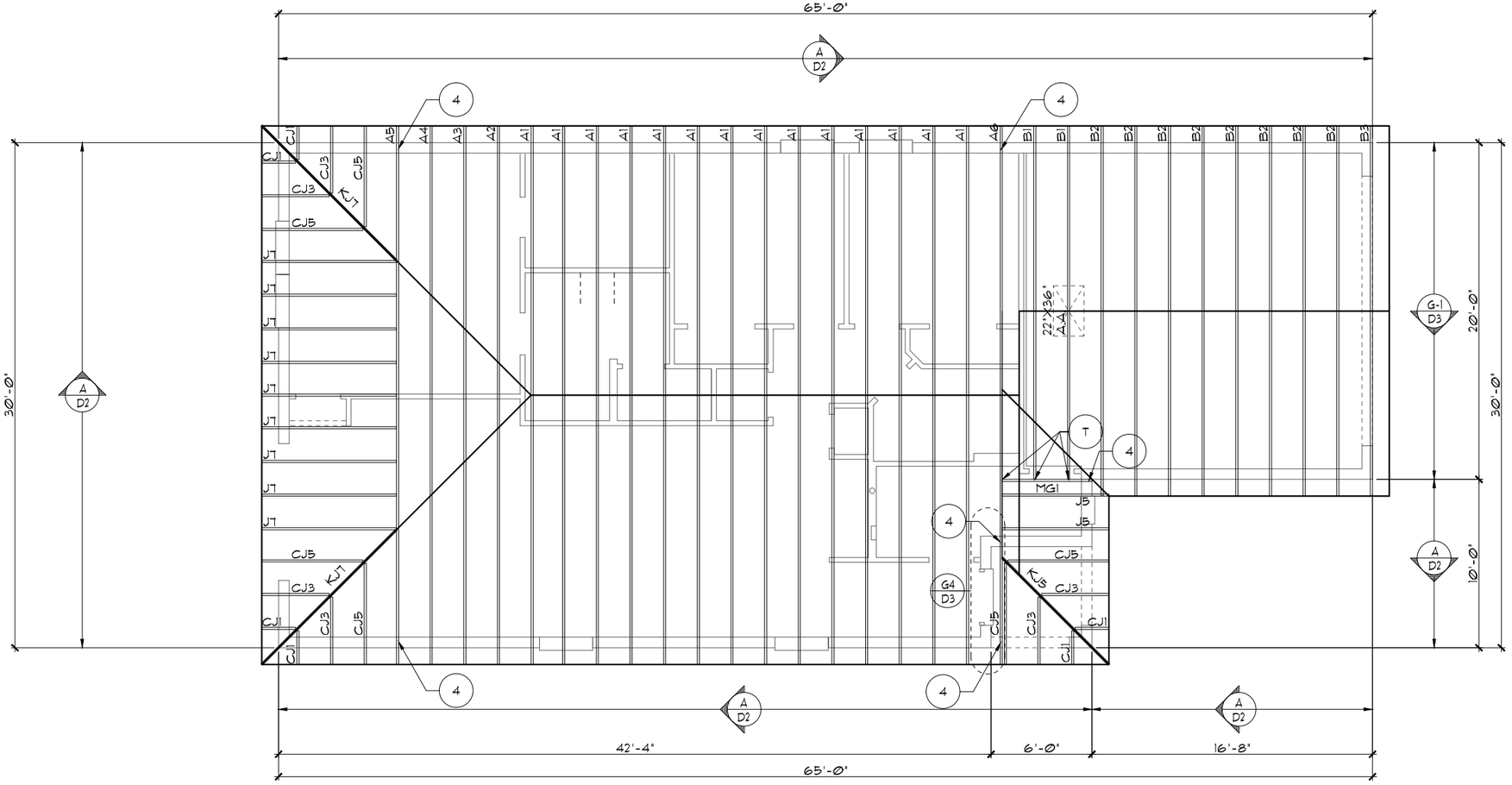

TRUSS LAYOUT "C"

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THRIVE SERIES

DATE	06-01-22
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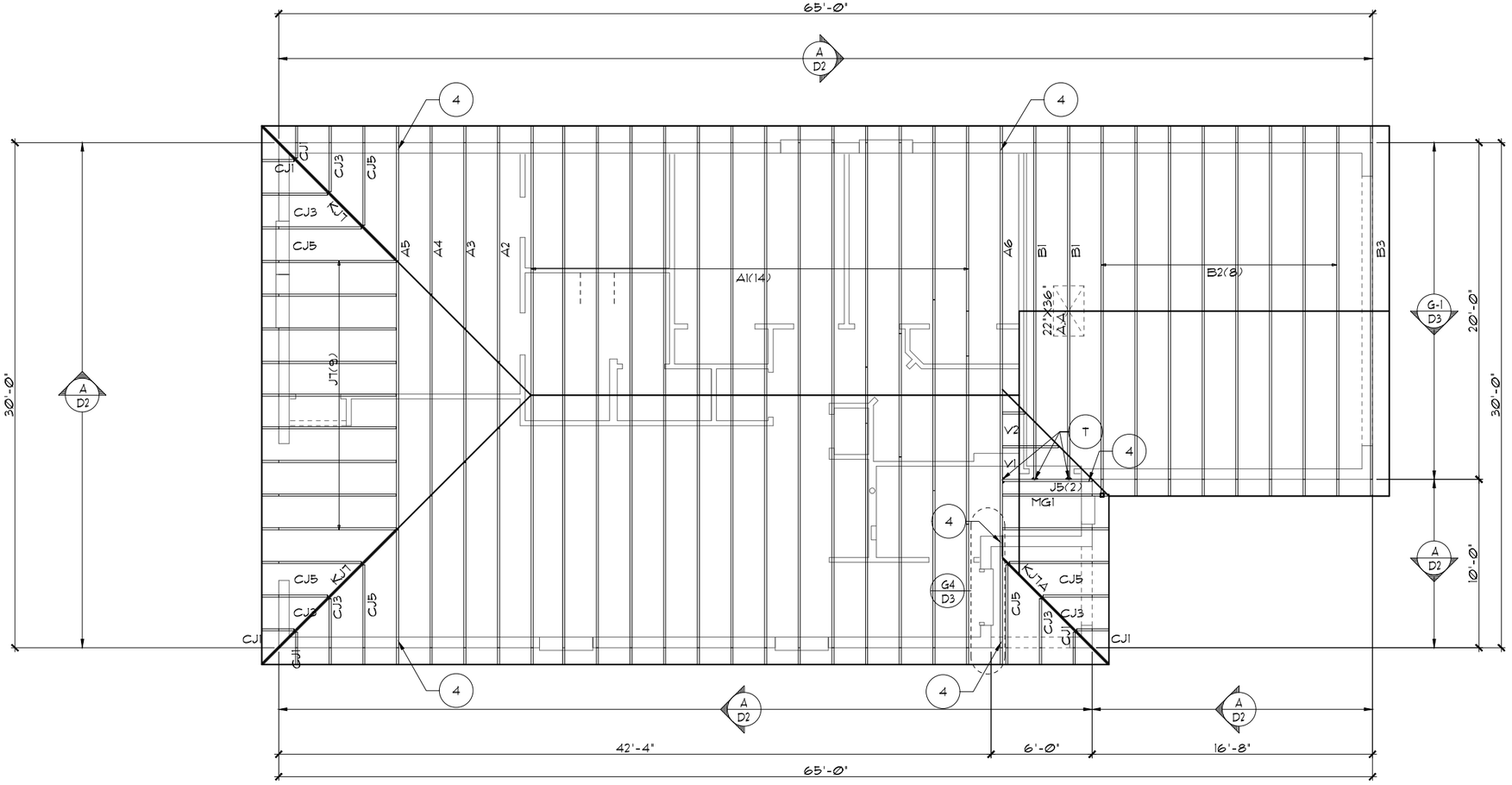
UPPER PORTION PERCENTAGE: 42%
LOWER PORTION PERCENTAGE: 58%

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/WTCA BCSI 1.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R905.1.1 - Underlayment materials required to comply with ASTM D226, D4869 ot Type IV shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
8. OFF RIDGE VENTS MAXIMUN OPENING SIZES :
   - LOMANCO : (2) 9 1/" DIA. CIRCLES
   - MILLENIUM METAL : 2 1/2" X 46" HOLE
9. ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R905.1.1.1



TRUSS LAYOUT "C"

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

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

TEG
THOMPSON ENGINEERING GROUP, INC
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Fax: (407) 734-1700
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Park Square HOMES

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TRUSS LAYOUT

1335 AMAZE

THRIVE SERIES

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

ATTIC VENTILATION CALCULATIONS

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

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

TOTAL VENTED SPACE: 1,863S.F. / 300 = 6,213.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 770-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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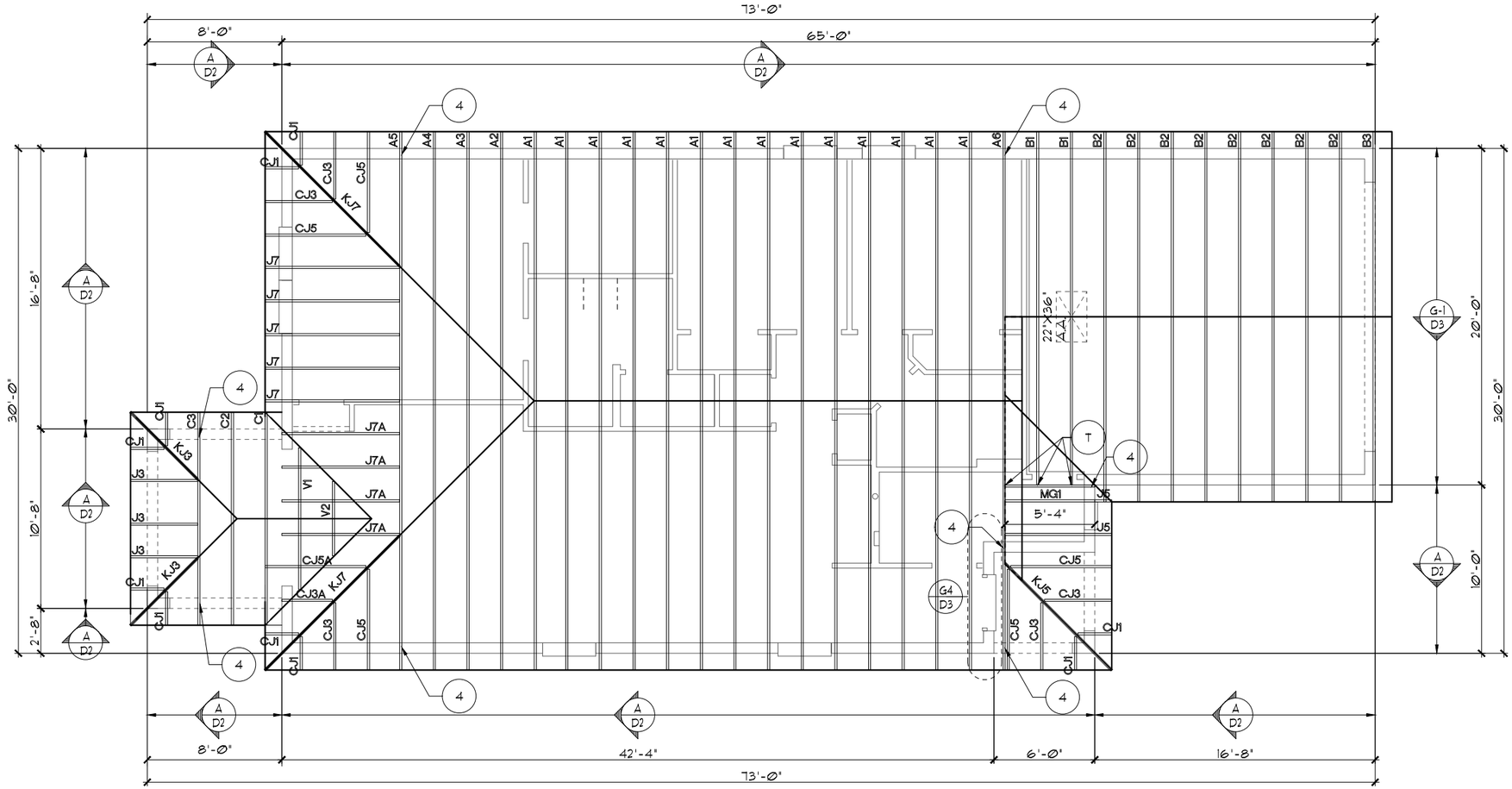

TRUSS LAYOUT "C"

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

LANAI OPTION

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

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TRUSS LAYOUT

1335 AMAZE

THRIVE SERIES

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

84 LUMBER (PQ1335C-L)

ATTIC VENTILATION CALCULATIONS

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

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PROVIDED W/OFF RIDGE VENTS: 3 VENTS @ .85S.F. /VENT.
(VENT TYPE: LOMANCO MODEL 770-D OR MILLENNIUM METAL)
LOWER PORTION VENTILATION TOTAL:------- 18.61S.F.
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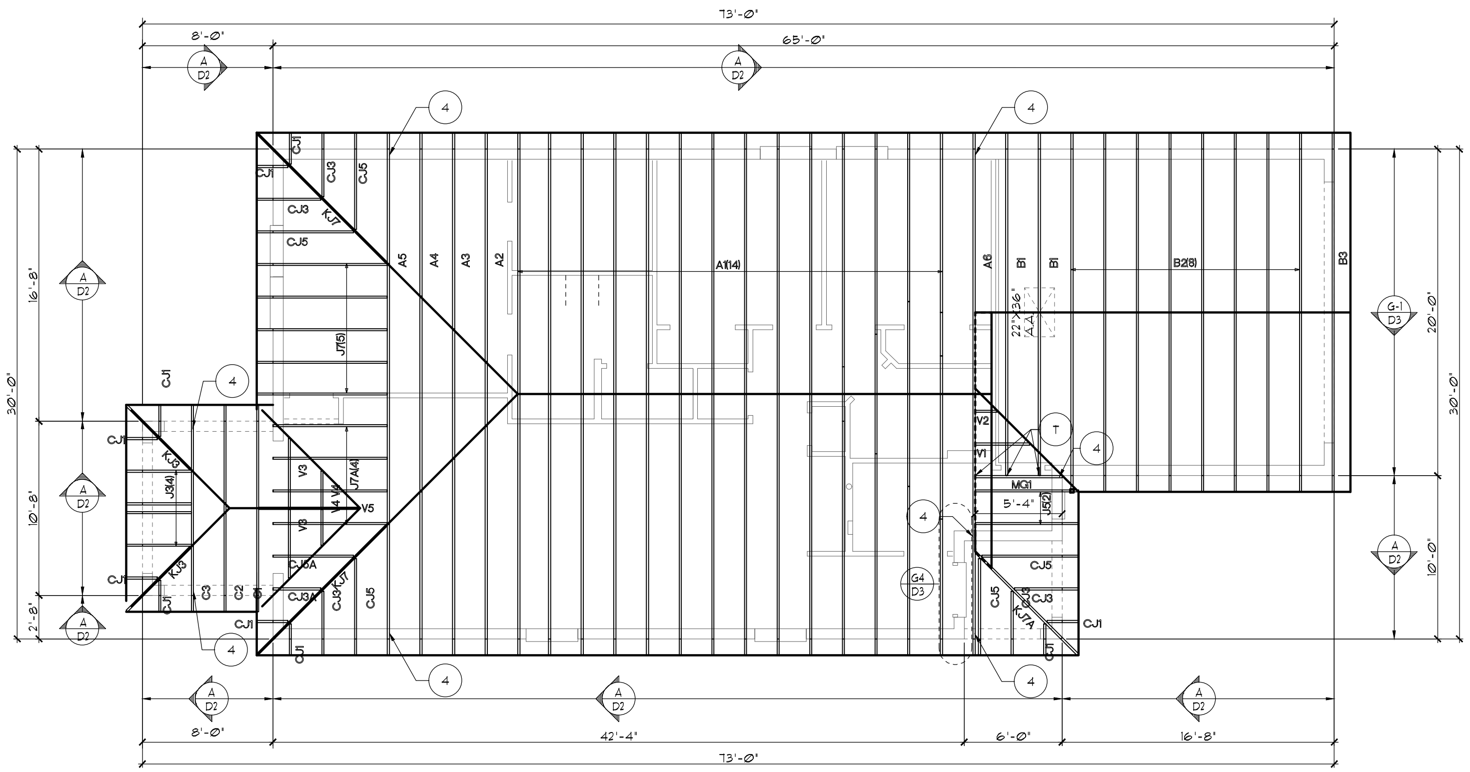
(214L.F. @ 0.087S.F. VENTING PER L.F.)

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



NOTES

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

LANAI OPTION

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

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Phone: (407) 529 - 3000

TRUSS LAYOUT

1335 AMAZE

THRIVE SERIES

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

CAST CRETE / LOTT'S / WEKIWA / FLORIDA ROCK LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	4'-6"	8RF12-ØB/1T	3Ø8Ø FRONT DOOR
L 2	3'-6"	8F16-ØB/1T	SH14 TMP.
L 3	17'-4"	8F34-1B/1T	GARAGE DOOR
L 4	4'-6"	8F16-ØB/1T	SH25
L 5	4'-6"	8F16-ØB/1T	SH25
L 6			
L 7	7'-6"	8F16-ØB/1T	PR. SH25
L 8	9'-4"	8F16-ØB/1T	8/ØX8/Ø SGD.
L 9	4'-6"	8F16-ØB/1T	SH25
L 1Ø	4'-6"	8F16-ØB/1T	SH25
L 11			
L 12			
L 13			
L 14	6'-6"	8F16-ØB/1T	FRONT ENTRY
L 15	6'-6"	8F16-ØB/1T	FRONT ENTRY
L 16			
L 17			
L 18			
L 19			
L 2Ø			
L 21			
L 22			
L 23			
L 24			
L 25			
L 26			
L 27			

PRE CAST LINTEL LAYOUT A,B,C

1/8"=1'-Ø" (11X17) 1/4"=1'-Ø" (22X34)

THIS STRUCTURE IS DESIGNED TO WITHSTAND 14Ø MPH WINDS PER THE 8th EDITION, 2Ø23 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, COMMUNITY

THRIVE PRODUCT

1335 AMAZE

THRIVE SERIES

PRE CAST LINTEL LAYOUT

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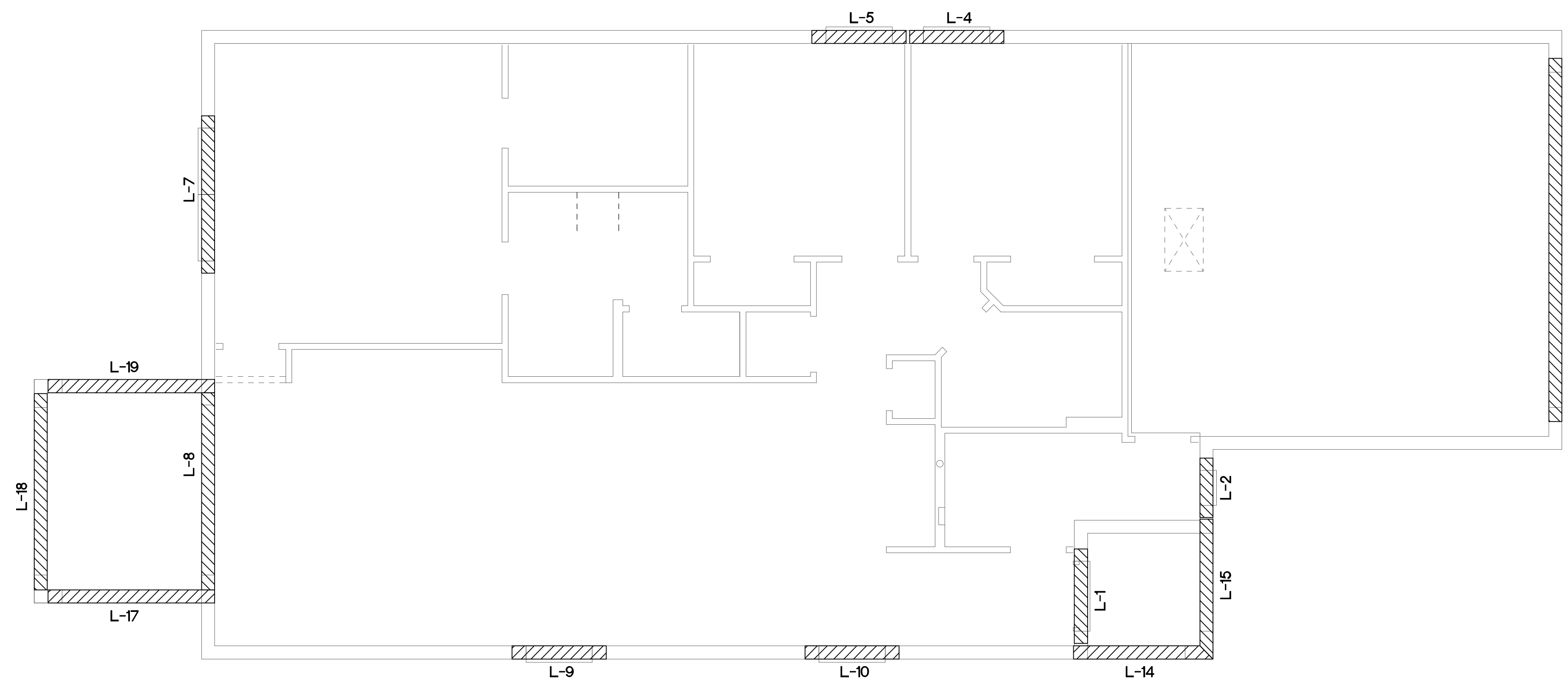
REVISIONS	BY

DATE	Ø6-Ø1-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1335
SHEET	09.0
OF	SHEETS



PRE CAST LINTEL LAYOUT A,B,C

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

CAST CRETE / LOTT'S / WEKIWA / FLORIDA ROCK LINTEL SCHEDULE

LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	4'-6"	8RF12-0B/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	PR. 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	8'-0"	8F16-0B/1T	REAR LANAI
L 18	10'-0"	8F16-0B/1T	REAR LANAI
L 19	8'-0"	8F16-0B/1T	REAR LANAI
L 20			
L 21			
L 22			
L 23			
L 24			
L 25			
L 26			
L 27			

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 000 COMMUNITY

THRIVE PRODUCT

PRE CAST LINTEL LAYOUT

1335 AMAZE

THRIVE SERIES

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TEG
THOMPSON ENGINEERING GROUP, INC

REVISIONS	BY

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1335
SHEET	09.1
OF	SHEETS

SAFE LOAD TABLES
FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS

GRAVITY

LENGTH \ TYPE	8U8	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B
		8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1B
2'-10" (34") PRECAST	2302	3166	4473	6039	7526	9004	10472	11936
		3166	4473	6039	7526	9004	10472	11936
3'-6" (42") PRECAST	2302	3138	3377	4688	6001	7315	8630	9947
		3166	4473	6039	7526	9004	10472	11936
4'-0" (48") PRECAST	2029	2325	2496	3467	4438	5410	6384	7358
		2646	4473	6039	7526	9004	10472	11936
4'-6" (54") PRECAST	1651	1787	1913	2657	3403	4149	4896	5644
		2710	4021	6039	7526	9004	10472	11968
5'-4" (64") PRECAST	1184	1223	1309	1809	2317	2826	3336	3846
		1665	2889	3951	5096	6240	6424	7450
5'-10" (70") PRECAST	972	1000	1069	1474	1888	2304	2721	3137
		1459	2464	4144	5458	4437	5280	6122
6'-6" (78") PRECAST	837	1255	2101	3263	2746	3358	3971	4585
		1255	2101	3396	5260	7134	8995	6890
7'-6" (90") PRECAST	767	1029	1675	2385	1984	2439	2886	3333
		1029	1675	2610	3839	5596	6613	5047
9'-4" (112") PRECAST	513	632	1049	1469	1210	1482	1754	2027
		768	1212	1818	2544	3469	4030	3127
10'-6"(126") PRECAST	456	482	802	1125	915	1122	1328	1535
		658	1095	1514	2081	2714	3130	2404
11'-4" (136") PRECAST	445	598	935	1365	1854	2395	1783	2075
		598	935	1365	1854	2441	3155	4044
12'-0"(144") PRECAST	414	545	864	1254	1693	2074	1510	1818
		555	864	1254	1693	2211	2832	3590
13'-4" (160") PRECAST	362	427	726	1028	1331	1635	1224	1418
		485	748	1076	1438	1855	2343	2920
14'-0"(168") PRECAST	338	381	648	913	1180	1462	1081	1260
		455	700	1003	1335	1714	2153	2666
14'-8" (176") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		465	765	1370	2045	2610	3185	3765
15'-4" (184") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		420	695	1250	1855	2370	2850	3410
17'-4" (208") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		340	530	950	1400	1800	2200	2600
19'-4" (232") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		240	400	750	1090	1400	1720	2030
21'-4" (256") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		183	330	610	940	1340	1780	2110
22'-0" (264") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		160	300	570	870	1250	1660	1970
24'-0" (288") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
		130	240	470	720	1030	1350	1610

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

GRAVITY

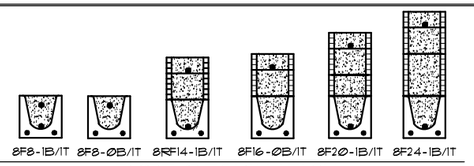
LENGTH \ TYPE	8RU6	8RF6-0B	8RF10-0B	8RF14-0B	8RF18-0B	8RF22-0B	8RF26-0B	8RF30-0B
		8RF6-1B	8RF10-1B	8RF14-1B	8RF18-1B	8RF22-1B	8RF26-1B	8RF30-1B
4'-4" (52") PRECAST	1489	1591	3053	2982	3954	4929	5904	6880
		1827	3412	4982	6472	7947	9416	10878
4'-6" (54") PRECAST	1357	1449	2782	2714	3600	4481	5375	6264
		1702	3412	4982	6472	7947	9416	10878
5'-8" (68") PRECAST	1115	832	1602	1550	2058	2566	3075	3585
		1153	2162	4014	6472	6516	5814	6839
5'-10" (70") PRECAST	1135	1178	1500	1449	1924	2400	2876	3352
		1203	2251	3811	6472	6516	5450	6411
6'-8" (80") PRECAST	822	1207	1671	2933	2516	3223	3872	4522
		1207	1671	2933	4820	6730	8171	6707
7'-6" (90") PRECAST	665	1161	1377	2252	1958	2451	2944	3438
		1764	1377	2329	3609	5492	6624	5132
9'-8" (116") PRECAST	371	420	834	1253	1011	1342	1614	1886
		535	928	1481	2178	2618	3595	2875

8" PRECAST & PRESTRESSED U-LINTELS

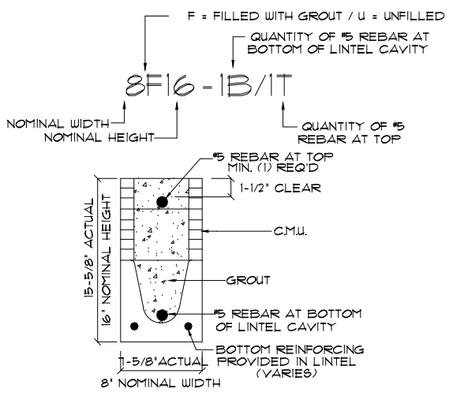
UPLIFT

LENGTH \ TYPE	8F8-1T / 8F8-2T	8F12-1T / 8F12-2T	8F16-1T / 8F16-2T	8F20-1T / 8F20-2T	8F24-1T / 8F24-2T	8F28-1T / 8F28-2T	8F32-1T / 8F32-2T	LATERAL 8U8	LATERAL 8F8
2'-10" (34") PRECAST	2727	2878	4101	5332	6563	7811	9055	2021	2021
	2727	2784	3981	5180	6401	7630	8857		
3'-6" (42") PRECAST	2165	2289	3260	4231	5218	6204	7192	1287	1287
	2165	2215	3165	4125	5091	6061	7036		
4'-0" (48") PRECAST	1818	1988	2832	3680	4532	5381	6245	938	938
	1818	1925	2750	3583	4422	5264	6110		
4'-6" (54") PRECAST	1660	1762	2507	3251	4010	4767	5525	727	727
	1660	1709	2435	3171	3913	4658	5406		
5'-4" (64") PRECAST	1393*	1484	2110	2741	3375	4010	4648	505	505
	1393	1437	2050	2670	3293	3920	4549		
5'-10" (70") PRECAST	1212*	1351	1839	2505	3084	3663	4241	418	418
	1212	1315	1875	2441	3010	3583	4157		
6'-6" (78") PRECAST	1141*	1260	1733	2250	2769	3290	3812	707	887
	1141	1182	1684	2192	2703	3216	3732		
7'-6" (90") PRECAST	959*	912	1475	1914	2354	2797	3240	591	657
	959	1029	1466	1907	2351	2797	3245		
9'-4" (112") PRECAST	801*	612	980	1269	1560	1852	2144	454	630
	801	755	1192	1550	1910	2271	2634		
10'-6"(126") PRECAST	716*	498	793	1027	1261	1496	1731	396	493
	716	611	1039	1389	1711	2034	2358		
11'-4" (136") PRECAST	666*	439	696	895	1104	1309	1515	363	556
	666	535	909	1295	1595	1896	2198		
12'-0"(144") PRECAST	607*	400	631	816	1001	1186	1372	340	494
	631	486	818	1209	1514	1799	2086		
13'-4" (160") PRECAST	500*	340	532	686	841	997	1153	302	398
	513	409	682	1004	1367	1631	1891		
14'-0"(168") PRECAST	458*	316	493	635	778	922	1065	286	360
	548	378	629	922	1254	1561	1816		
14'-8" (176") PRESTRESSED	243	295	459	591	724	851	990	N.R.	357
	243	352	582	852	1156	1491	1742		
15'-4" (184") PRESTRESSED	228	278	430	553	677	801	925	N.R.	321
	228	329	542	791	1072	1381	1676		
17'-4" (208") PRESTRESSED	188	236	361	464	567	670	774	N.R.	255
	188	276	449	649	874	121	1389		
19'-4" (232") PRESTRESSED	165	207	313	401	490	578	667	N.R.	204
	165	239	383	550	736	940	1160		
21'-4" (256") PRESTRESSED	145	186	278	356	433	512	590	N.R.	172
	142	212	336	477	635	801	993		
22'-0" (264") PRESTRESSED	140	180	268	343	418	493	568	N.R.	161
	131	205	322	457	607	771	947		
24'-0" (288") PRESTRESSED	121	165	244	312	380	447	515	N.R.	135
	124	186	290	408	538	680	833		

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



TYPE DESIGNATION



MATERIALS

1. f'c precast lintels = 3500 psi.
2. f'c prestressed lintels = 6000 psi.
3. f'c grout = 3000 psi w/ maximum 3/8" aggregate.
4. Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
5. Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
6. Prestressing strand per ASTM A416 grade 270 low relaxation.
7. 7/32 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 11'-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. 7/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
8. Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
9. Safe load ratings based on rational design analysis per ACI 318 and ACI 530

SAFE LOAD TABLE NOTES

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

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

UPLIFT

LENGTH \ TYPE	8RF6-1T / 8RF6-2T	8RF10-1T / 8RF10-2T	8RF14-1T / 8RF14-2T	8RF18-1T / 8RF18-2T	8RF22-1T / 8RF22-2T	8RF26-1T / 8RF26-2T	8RF30-1T / 8RF30-2T	LATERAL 8RU6	LATERAL 8RF6
4'-4" (52") PRECAST	1244	1573	2413	3260	4112	4967	5825	932	932
	1244	1519	2339	3170	4008	4850	5696		
4'-6" (54") PRECAST	1182	1507	2311	3121	3937	4756	5577	853	853
	1182	1455	2240	3036	3837	4643	5453		
5'-8" (68") PRECAST	924*	1172	1795	2423	3055	3688	4325	501	501
	924	1132	1741	2351	2978	3603	4230		
5'-10" (70") PRECAST	896*	1138	1742	2392	2965	3581	4198	469	469
	896	1099	1690	2288	2891	3491	4106		
6'-8" (80") PRECAST	778	882	1513	2042	2573	3107	3642	830	1100
	778	956	1468	1981	2509	3035	3563		
7'-6" (90") PRECAST	688	697	1325	1810	2280	2753	3227	710	941
	688	849	1302	1762	2225	2690	3157		
9'-8" (116") PRECAST	533*	433	808	1123	1413	1704	1995	516	614
	533	527	1009	1369	1728	2088	2450		

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

CONNECTOR SCHEDULE

CONNECT. TYPE	SIMPSON DESCRIPTION	SIMPSON FASTENERS PER CONNECTOR	USP DESCRIPTION	USP FASTENERS PER CONNECTOR	MAX. UPLIFT	LAT. LDS. F1 / F2
4	HETA20	14-10d x 1½"	ETA20	14-10d	1,810	65 / 960
5	DETAL20	18-10d x 1½"	N/A	N/A	2,480	2000/ 1370
20	H3	RFT: 4-8d / PLT: 4-8d	RT3	RFT: 4-8d / PLT: 4-8d	455	125 / 160
21	H1	RFT:6-8dx1½"/PLT:4-8d	RT15	RFT:5-8dx1½"/PLT:5-8d	475	485 / 165
22	H10S	RFT: 8-8d x 1 1/2"	RT16	RFT: 8-8d x 1½"	990	585/525
		PLT: 8-8d x 1 1/2"		PLT: 8-8d		
23	LUS26	HDR: 4-10d/JST: 4-10d	JUS26	HDR: 4-10d/JST: 4-10d	935	N/A
24	H7	RFT / TRS: 4-8d	RT20	RFT / TRS: 9-10d	985	400 / N/A
		PLT / STD: 10-8d		PLT / STD: 13-10d		
26	H2.5	RFT:5-8d / PLT: 5-8d	RT7	RFT:5-8d / PLT: 5-8d	415	150 / 150
34	A34	H:4-8dx1½"/P:4-8dx1½"	MP34	H:4-8dx1½"/P:4-8dx1½"	365	280 / 303
35	A35F	H:4-8dx1½"/P:4-8dx1½"	MPA1F	H:6-8dx1½"/P:6-8dx1½"	440	440 / N/A
37	MTS12	14-10d	MTW12	14-10d	1,000	N/A
38	MTS16	14-10d	MTW16	14-10d	1,000	N/A
39	MTSM16	BLK: (4)¼"X2¼" T.C. TRUSS: (7) 10d	MTW16	BLK: (4)¼"X2¼" T.C. TRUSS: (7) 10d	860	N/A
43	LSTA12	10-10d	LSTA12	10-10d	905	N/A
45	ST18	14-16d	ST18	14-16d	1,200	N/A
47	LSTA24	18-10d	LSTA24	18-10d	1,295	N/A
71	MSTA36	26-10d	MSTA36	26-10d	2,135	N/A
72	MSTC66	64-16d SINKERS	N/A	N/A	5,495	N/A
79	SP1	STD:6-10d / PLT:4-10d	SPT22	STD:4-10d / PLT:4-10d	535	560 / 260
80	SP2	STD:6-10d / PLT:6-10d	SPT224	STD:6-10d / PLT:6-10d	605	560 / 260
81	SPH4,6,8	12-10d x 1½"	TP4,6,8	12-10d x 1½"	885	N/A
88	CBSQ88	12 SDS 1/4X2"	TP4,6,8	12-10d x 1½"	3975	N/A
89	CB66	(2) ⅝" BOLTS	PA8X8	4-10d	2,300	985
90	ABU66	12-16d	PAU66	12-16d	2,240	N/A
91	CBSQ66	14 SDS 1/4X2"	PAU66	12-16d	3,190	N/A
92	ABU44	12-16d	PAU44	12-16d	2,200	N/A
93	AC6 (MAX)	28-16d	PBS66	24-16d	1,815	1,070
94	AC4 (MAX)	28-16d	PBS44	24-16d	1,815	1,070
95	HTS20	20-10d	HTW20	20-10d	1,450	N/A
96	HD8A	SILL: ⅞" BOLT	HHD8A	SILL: ⅞" BOLT	7,910	N/A
		STUD:(3) ⅞"X5½" BOLTS		STUD:(3) ⅞"X5½" BOLTS		
97	MTT28B	24-16d	MTS27B	24-16d	4,455	N/A
99	A35	H:4-8dx1½"/P:4-8dx1½"	MPA1	H:6-8dx1½"/P:6-8dx1½"	440	440 / N/A
101	HTT4	⅝" BOLT/ 18-16dX2½"	N/A	N/A	3,640	N/A
102	HTT5	⅝" BOLT/ 26-10d	N/A	N/A	4,275	N/A
103	VGTR/L	32-SDS¼"X3"/(2) ⅝" BLT	N/A	N/A	3,990	N/A
104	HDU8-SDS2.5	7/8" BLT/20-SDS ¼"x2½"	N/A	N/A	5,020	N/A
110	HCP2	12-10d x 1½"	HHCP2	20-10d x 1½"	520	260 / N/A
167	HHUS46	H:14-16d/J:6-16d	THD46	H:8-18d/J:12-10d	1,550	N/A
168	U46	H:8-10d/J:4-10d	SUH46	H:8-16d/J:4-16d	710	N/A
181	HUS26	20-16d	THD26	H:20-16d/J:10-10d	1,550	N/A
184	HUC28-2	H:14-16d/J:4-10d	N/A	N/A	1,085	N/A
212	HUC410	HD:18-½"X1¾" LAG SCR. BM: 10-10d	N/A	N/A	1,810	N/A
214	HUC412	BLOCK: 10-¼"X1½" TC JOIST : 10-16d	HUS412	BLOCK: 10-¼"X1½" TC JOIST : 10-16d	1,895	N/A
215	HGUS210-2	HDR:46-16d/JST:10-16d	EHUH210-2	HDR:40-16d/JST:16-10d	2,720	N/A
216	HUCS412	BLOCK: 10-¼"X1½" TC JOIST : 10-16d	HUS412	BLOCK: 10-¼"X1½" TC JOIST : 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-¼"X1½" TC JOIST : 10-16d	HUS212-2	BLOCK: 10-¼"X1½" TC JOIST : 10-16d	2,630	N/A
219	MBHA412	H:1-ATR¾X8 TOP#FACE	NFM35X12U	H:1-½" J-BOLT	3,145	N/A
		JOIST: 18-10d		J:5-½" BOLTS		
220	N/A	N/A	NFM 3X12	BLK:½"ø J /JST:14-10d	1,620	N/A
226	MBHA4.75/12	HDR : (2) ¾"ø x 8" JOIST : 18-10d	NFM45U	HDR : MIN. ½"ø "J" BOLT JOIST : (5) ½"ø BOLTS	2,160	N/A
231	MBHA3.56/16	HDR : (2) ¾"ø x 8" JOIST : 18-10d	NFM3.5X16U	HDR :MIN. ½"øxJ-BOLTS JOIST : (5) ½"ø BOLTS	3,450	N/A
232	MBHA5.50/16	HDR : (2) ¾"ø x 8" JOIST : 18-10d	NFM5.5X16U	HDR :MIN. ½"øxJ-BOLTS JOIST : (5) ½"ø BOLTS	3,450	N/A
240	H15	R:4-10dx1½"/P:4-10dx1½"	N/A	N/A	1,300	480 / N/A
241	LGT2	30-16d-sinker	LUGT2	32-10d	2000	1015 / 440
301	MGT	(1) ¾"BLTS./GIR: 22-10d	N/A	N/A	3,965	N/A
302	HGT-2 or 3	LTL:¾"BLTS./GIR: 8-10d	USC63	LTL:¾"BLTS./GIR: 8-16d	6485	N/A
303	HGT-4	LTL:¾"BLTS./GIR: 16-10d	N/A	N/A	9,250	N/A
305	FGTR (2-PLY)	TRUSS: 36 SDS ½"X3" WALL:(4)½"X5" TITEN HD	N/A	N/A	9,400	N/A
401	SUR/L414	FACE:18-16d/JST:8-16d	N/A	N/A	1,700	N/A
T	CONNECTORS TO BE SPECIFIED AND PROVIDED BY TRUSS MANUFACTURERS					

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

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5200 Vineland Road, Suite 200
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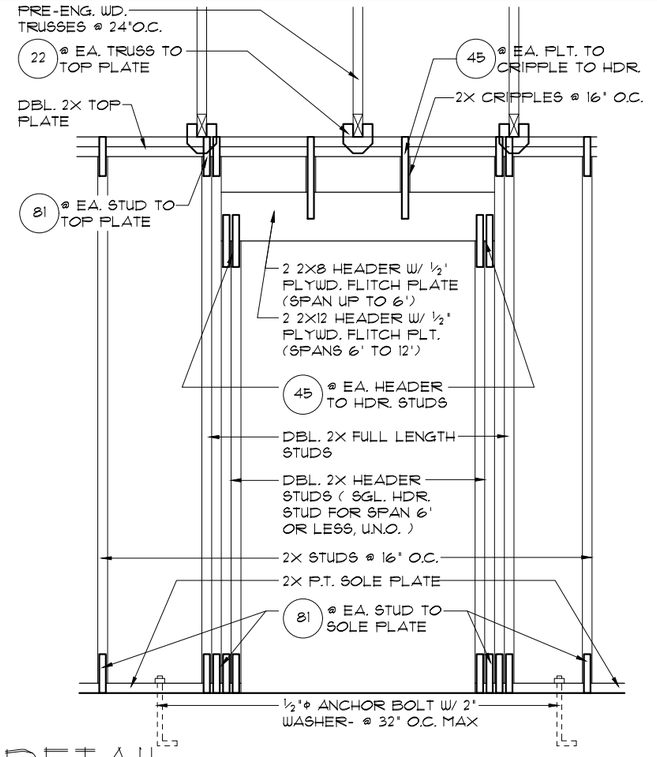
Phone (407) 529 - 3000

PRE CAST LINTEL DATA / STRUCTURAL DETAILS

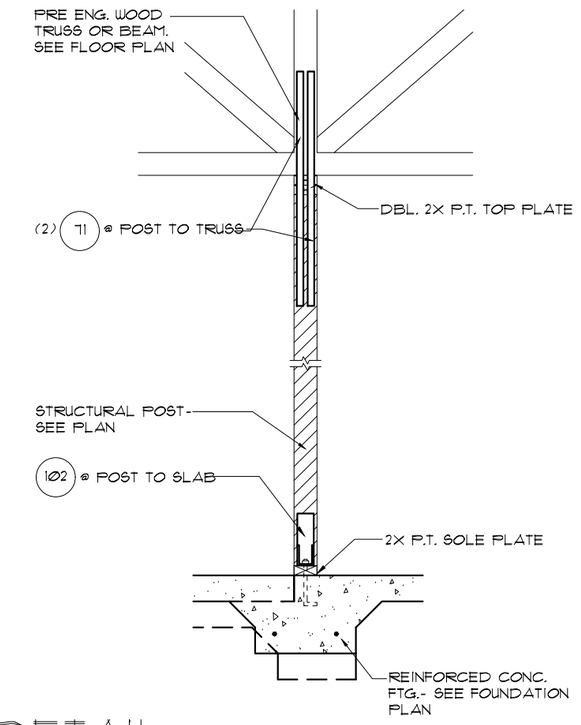
1335 AMAZE

THRIVE SERIES

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1335
SHEET	10
OF	SHEETS



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



1/11 DETAIL (BEARING POST W/ HIGH UPLIFT)
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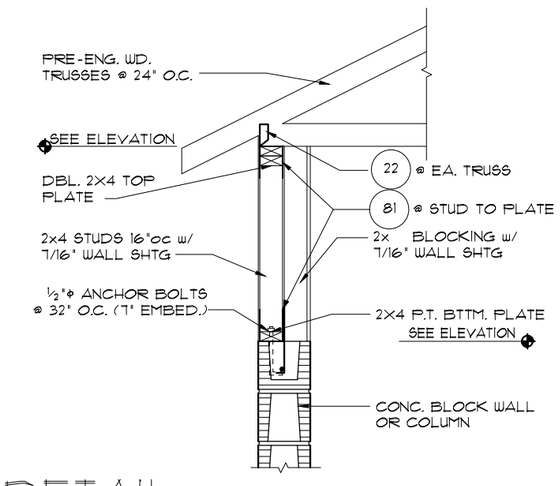
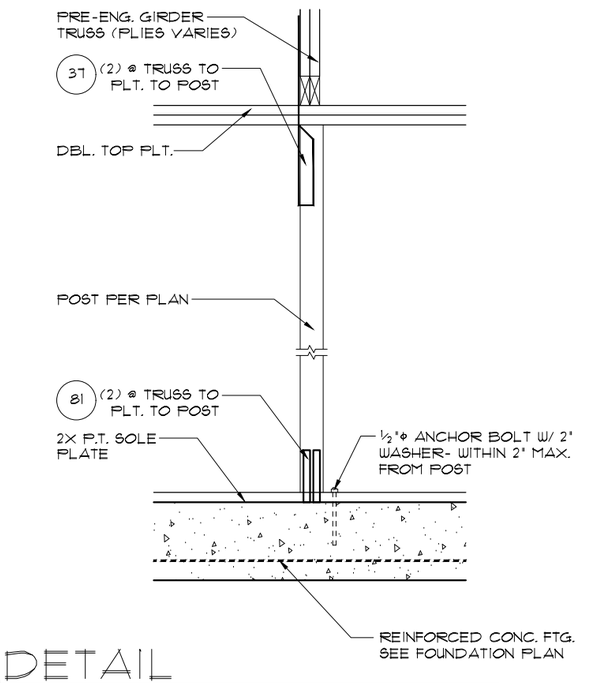


4/11 DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



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

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TYPICAL DETAILS / CONNECTOR SCHEDULE

1335 AMAZE

THRIVE SERIES

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