

2034

TRIUMPH 30' THRIVE

30' X 75'

REVISION SCHEDULE			
NO.	DATE	DESCRIPTION	BY
1	03-30-23	- RECESS CANS ILO LIGHT FIXTURES - CHANGE 2ND FLR CGL. HT. TO 9' & RELOCATE WDW'S IN BDRM# 2 & 3	RN
2	06-23-23	- ADD (2) PENDANT LTS PREWIRE OVER KITCHEN ISLAND	ME
3	11-07-23	- ADD PROTO TYPE WALK CHANGES	ME
4	01-29-24	- UPDATE TO 8TH EDITION - 2023 FBC	ME

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00	COVER SHEET	09.1	ELECTRICAL PLAN-FIRST FLOOR- LANAI A,B,C
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02.0	FLOOR PLAN W/ DIMENSIONS A,B,C	11A.1	TRUSS LAYOUT-FIRST FLOOR-LANAI "A"
02.1	FLOOR PLAN W/ DIM. A,B,C - LANAI OPT.	11B.0	TRUSS LAYOUT-FIRST FLOOR "B"
03.0	FLOOR PLAN W/ NOTES A,B,C	11B.1	TRUSS LAYOUT-FIRST FLOOR-LANAI "B"
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06A.1	EXTERIOR ELEVS.- FRONT/ REAR-LANAI "A"	12C.0	TRUSS LAYOUT-UPPER FLOOR "C"
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06C.0	EXTERIOR ELEVS.- FRONT/ REAR "C"	13.1	PRECAST LINTEL LAYOUT- LANAI A,B,C
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10	ELECTRICAL PLAN-UPPER FLOOR A,B,C	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

DATE 06-01-22
SCALE AS NOTED
DRAWN RDC
JOB 2034
SHEET
OF 00 SHEETS

2034 TRIUMPH
THRIVE SERIES

COVER SHEET

Park
Square
HOMES

A DIVISION OF PARK SQUARE
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Orlando, Florida, 32811
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THRIVE PRODUCT

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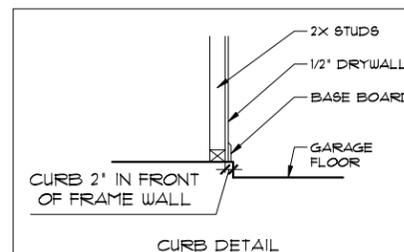
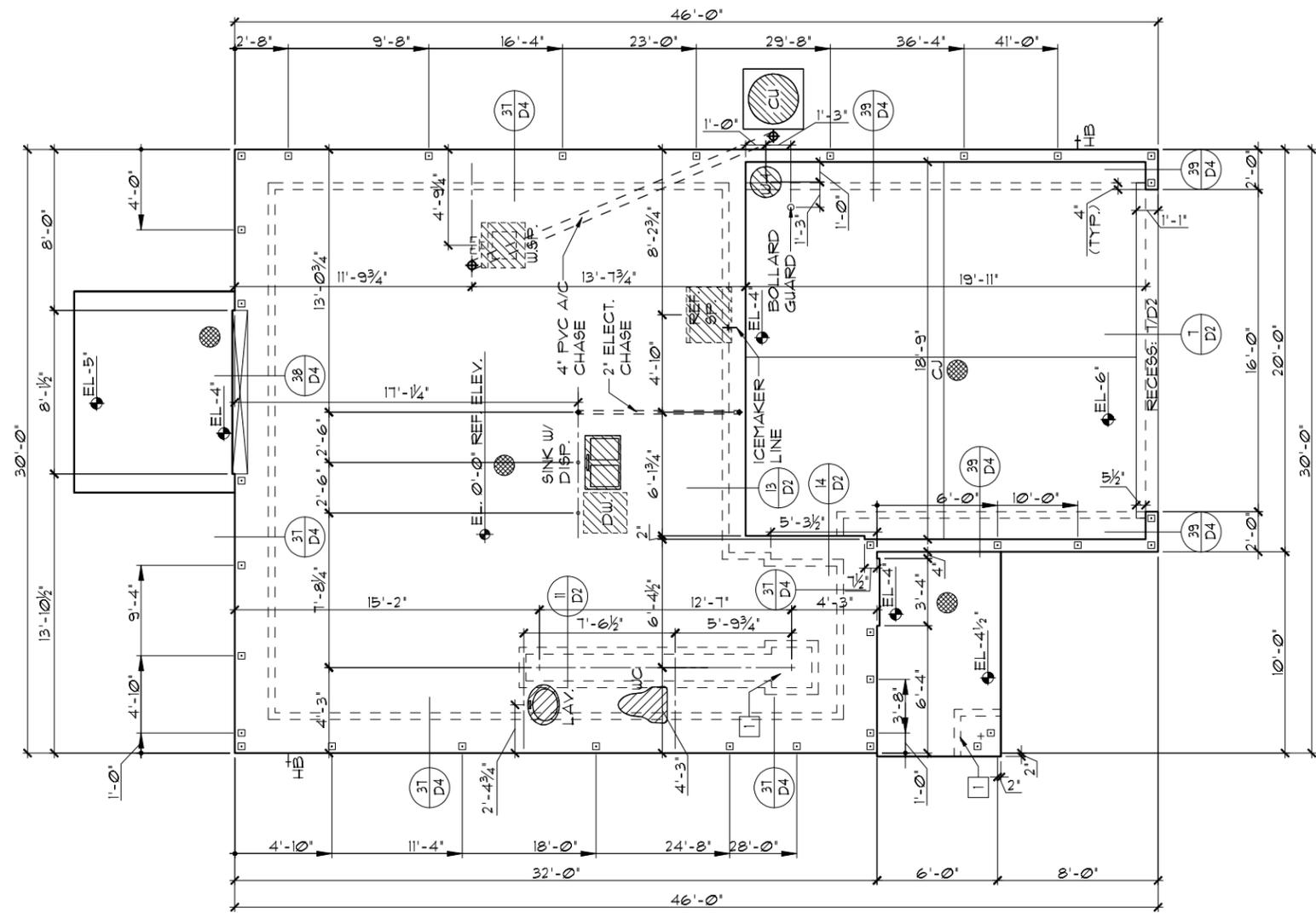
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FOUNDATION NOTES

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, TERMITICIDE MAY BE USED AS AN ALTERNATIVE.

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
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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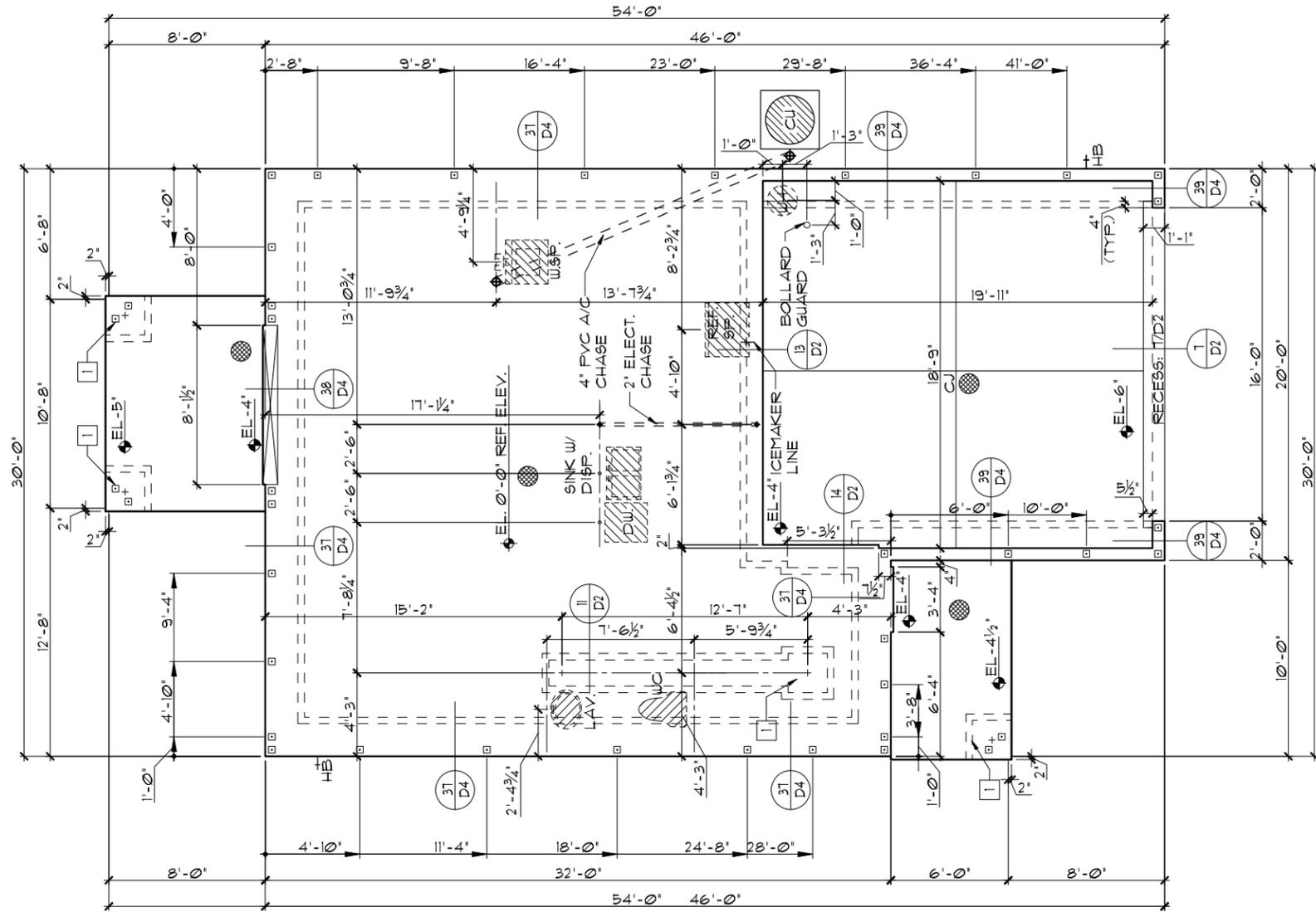
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FOUNDATION PLAN	DATE 06-01-22
2034 TRIUMPH	SCALE AS NOTED
THRIVE SERIES	DRAWN RDC
OF 01.0 SHEETS	JOB 2034
SHEET	SHEET

FOUNDATION NOTES

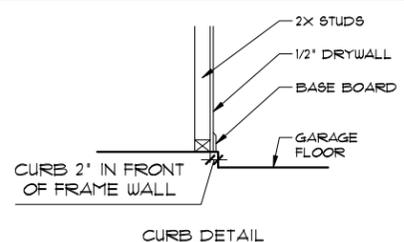
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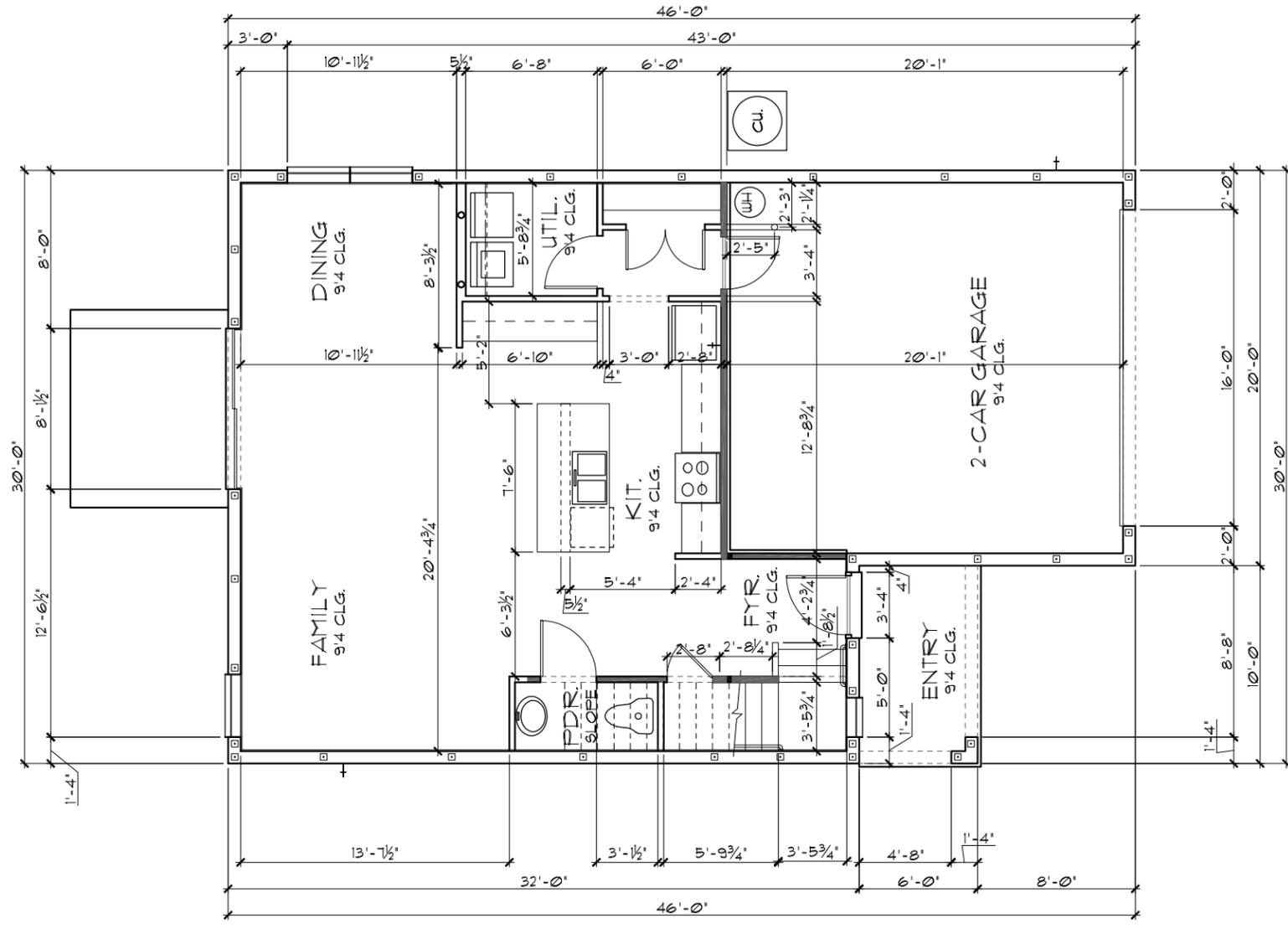
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FOUNDATION PLAN	2034 TRIUMPH THRIVE SERIES
DATE 06-01-22	SCALE AS NOTED
DRAWN RDC	JOB 2034
SHEET 01.1	OF SHEETS

THRIVE PRODUCT
 REVISIONS BY

TABULATION	
UPPER LIVING	1204 SF.
LOWER LIVING	830 SF.
TOTAL LIVING	2034 SF.
GARAGE	410 SF.
ENTRY	60 SF.
LANAI	0 SF.
TOTAL UNDER ROOF	2,504 SF.

- GENERAL NOTES**
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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 **8'-0"** UNLESS NOTED OTHERWISE.
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FLOOR PLAN W/ DIMENSIONS A,B,C,
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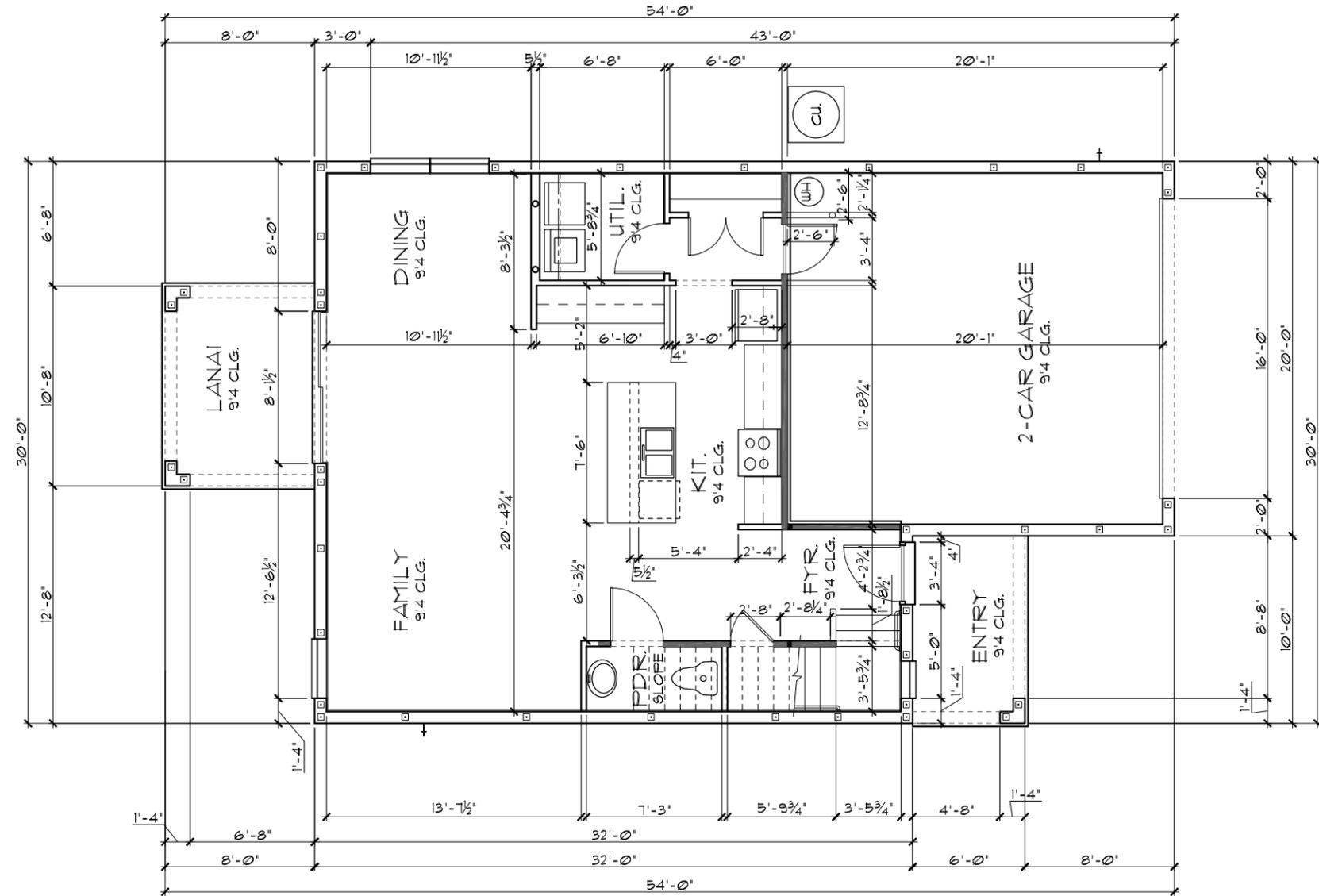
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FLOOR PLAN W/ DIMENSIONS
THRIVE SERIES

TABULATION	
UPPER LIVING	1204 SF.
LOWER LIVING	830 SF.
TOTAL LIVING	2034 SF.
GARAGE	410 SF.
ENTRY	60 SF.
LANAI	85 SF.
TOTAL UNDER ROOF	2,589 SF.

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

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DATE 06-01-22
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 SHEET

021
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FLOOR PLAN W/ DIMENSIONS

2034 TRIUMPH
 THRIVE SERIES

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

DEAD LOADS

FLOOR: STRUCTURE	1 PSF
CEILINGS	3 PSF
MECH/ELEC	5 PSF
PARTITIONS	5 PSF
TOTAL	20 PSF
ROOF: SHEATHING	5 PSF
STRUCTURE	1 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
 PASSENGER VEHICLE GARAGE: 50 PSF

ROOF LIVE LOADS

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

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

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

PER FBC R301- TABLE R301.5		
GUARDRAILS & HANDRAILS	CONC. LOAD	200 LBS
GUARDRAIL IN - FILL COMPONENTS	CONC. LOAD	50 LBS
STAIRS	CONC. LOAD	300 LBS
PER FBC R312- R312.12 & R312.13 & R312.18.1		
GUARDRAILS HEIGHT		36" MIN.
HANDRAIL HEIGHT		34" MIN. TO 38" MAX.
GUARDRAIL OPENING LIMITATIONS		4" IN DIAMETER MAX.

NOTE: HANDRAIL CONTINUITY PER R311.12.2 - HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1 1/2" (38MM) BETWEEN THE WALL AND THE HANDRAIL.

NOTE: SEE COLOR SHEET FOR FLOORING
NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

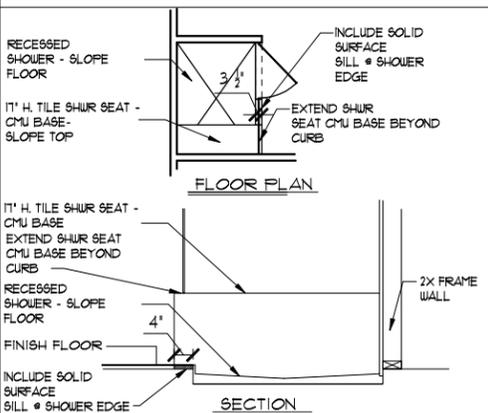
WIND INFORMATION
PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTIAL CODE

- BASIC WIND SPEED: 140 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: B
- BUILDING TYPE: V B
- ENCLOSURE CLASSIFICATION: +/-, IS, 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: M 1307.1 - M1307.2
 - ALL INTER. FIRST FLOOR CEILINGS AT 9'-4" UNLESS NOTED OTHERWISE.
ALL INTER. SECOND FLOOR CEILINGS AT 9'-0" UNLESS NOTED OTHERWISE.

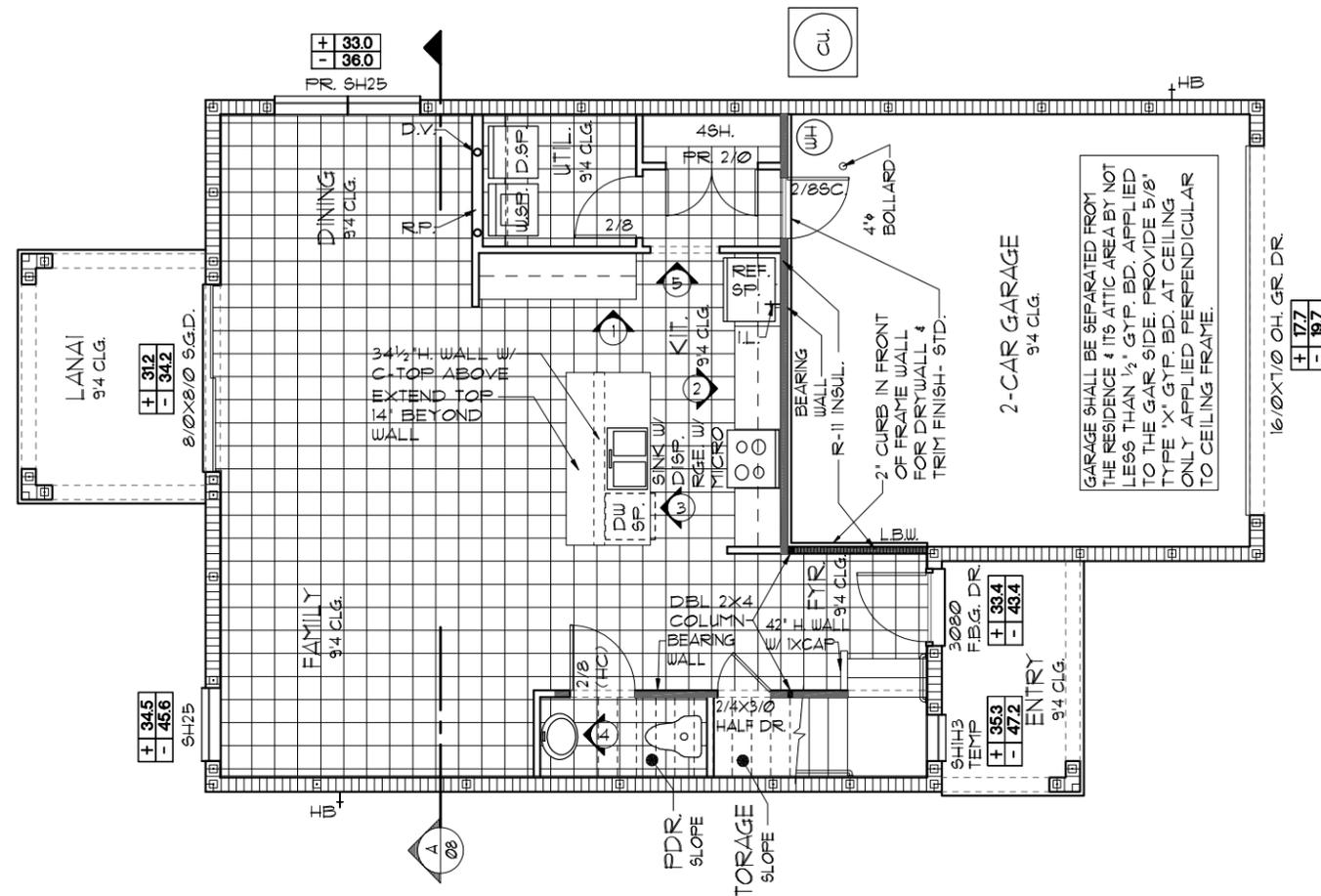


NOTE:

- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT MORE THAN 44" MIN. A.F.F. - R310.2 - FBCR (2023)
- IN DWELLING UNITS, WHERE THE BOTTOM OF THE CLEAR OPENING OF AN OPERABLE WINDOW OPENING IS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

EERO - R310.2.1 - FBCR2023

S425	NET CLEAR OPNG. HEIGHT 32' X NET CLEAR OPNG. WIDTH 21 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 CLAGR OPNG. FOR GRADE-FLOOR EMERGENCY ESCAPE AND RESCUE OPNG. SHALL BE - 5 SQFT
S425	63" H. X 31" W. WDW SIZE	



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

LANAI OPTION

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2034 TRIUMPH

FLOOR PLAN W/ NOTES

THRIVE SERIES

REVISIONS	BY

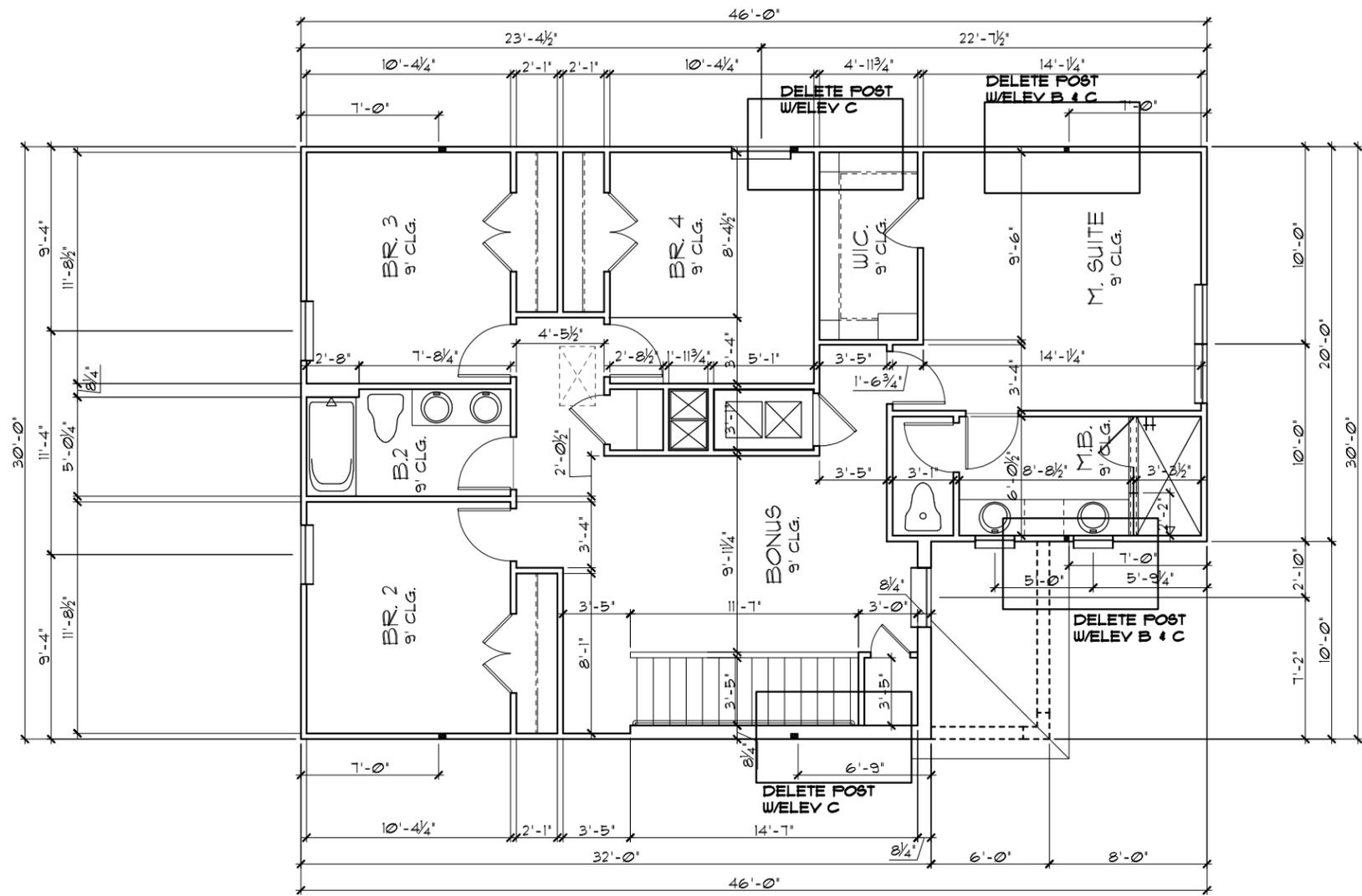
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UPPER FLOOR PLAN W/
 DIMENSIONS

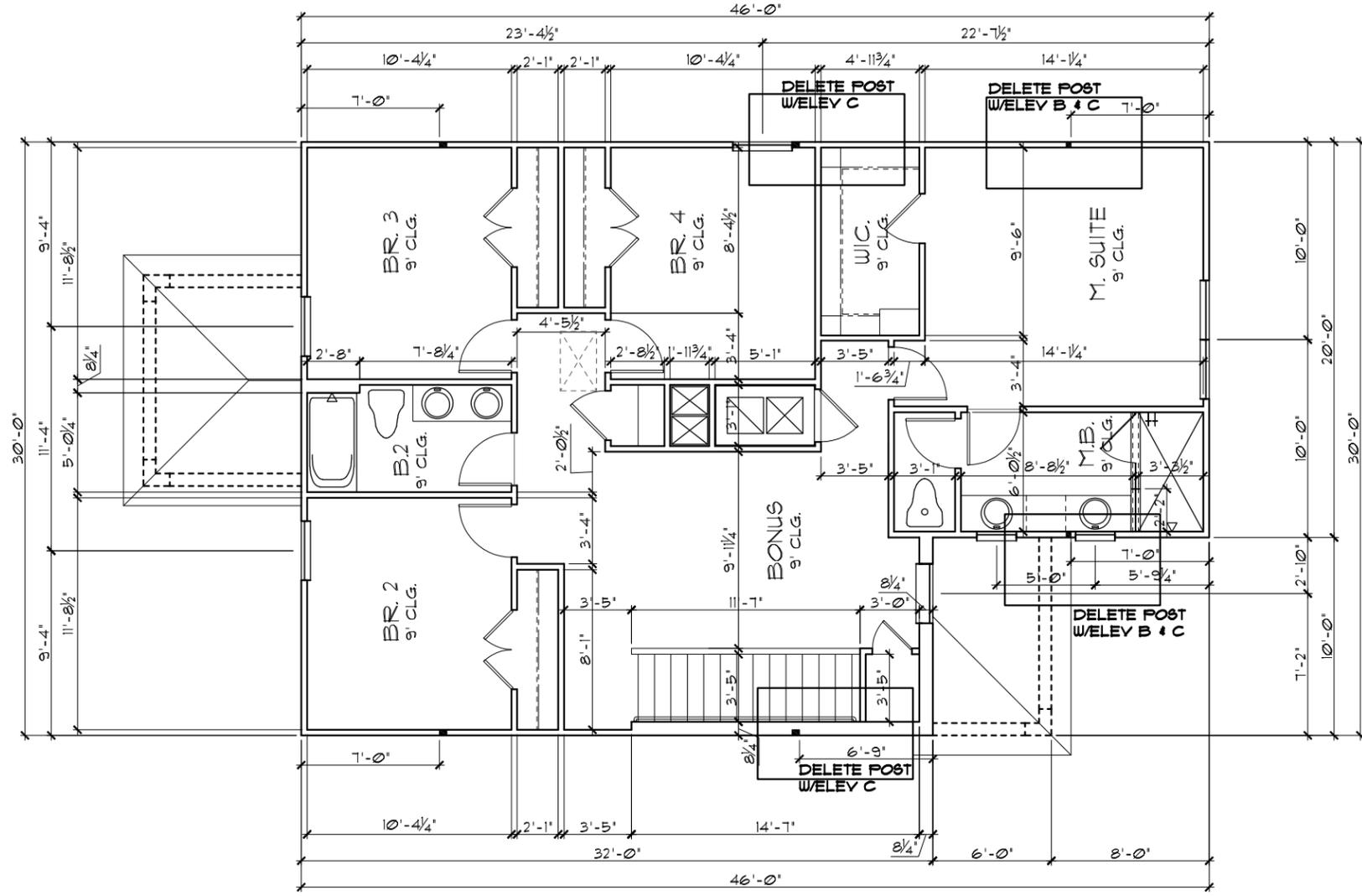
2034 TRIUMPH
 THRIVE SERIES

DATE 06-01-22
 SCALE AS NOTED
 DRAWN RDC
 JOB 2034
 SHEET
 04.0
 OF SHEETS



- 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 8'-0" UNLESS NOTED OTHERWISE.
 6. MECHANICAL EQUIPMENT LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.

UPPER FLOOR PLAN W/ DIMENSIONS A,B,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

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	2034
SHEET	041
OF	SHEETS

THRIVE PRODUCT

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UPPER FLOOR PLAN W/
 DIMENSIONS

2034 TRIUMPH
 THRIVE SERIES

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

DEAD LOADS

FLOOR: STRUCTURE	1 P&F
CEILING	3 P&F
MECH/ELEC	5 P&F
PARTITIONS	5 P&F
TOTAL	20 P&F

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

FLOOR LIVE LOADS

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

ROOF LIVE LOADS

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

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

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

NOTE: TEMPERED GLAZING IS REQUIRED AT ALL HAZARDOUS LOCATIONS AS DEFINED IN FBC R308.4

PER FBC R301- TABLE R301.5

GUARDRAILS & HANDRAILS	CONC. LOAD	200 LBS
GUARDRAIL IN - FILL COMPONENTS	CONC. LOAD	50 LBS
STAIRS	CONC. LOAD	300 LBS

PER FBC R312- R312.12 & R312.13 & R311.1.1

GUARDRAILS HEIGHT	36" MIN.
HANDRAIL HEIGHT	34" MIN. TO 38" MAX.
GUARDRAIL OPENING LIMITATIONS	4" IN DIAMETER MAX.

NOTE: HANDRAIL CONTINUITY PER R311.1.2.2 - HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1 (1/2)"(38" MIN) BETWEEN THE WALL AND THE HANDRAIL.

NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

NOTE: SEE FINAL COLOR SHEET FOR FLOORING INFO

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: +/-, IS, 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.

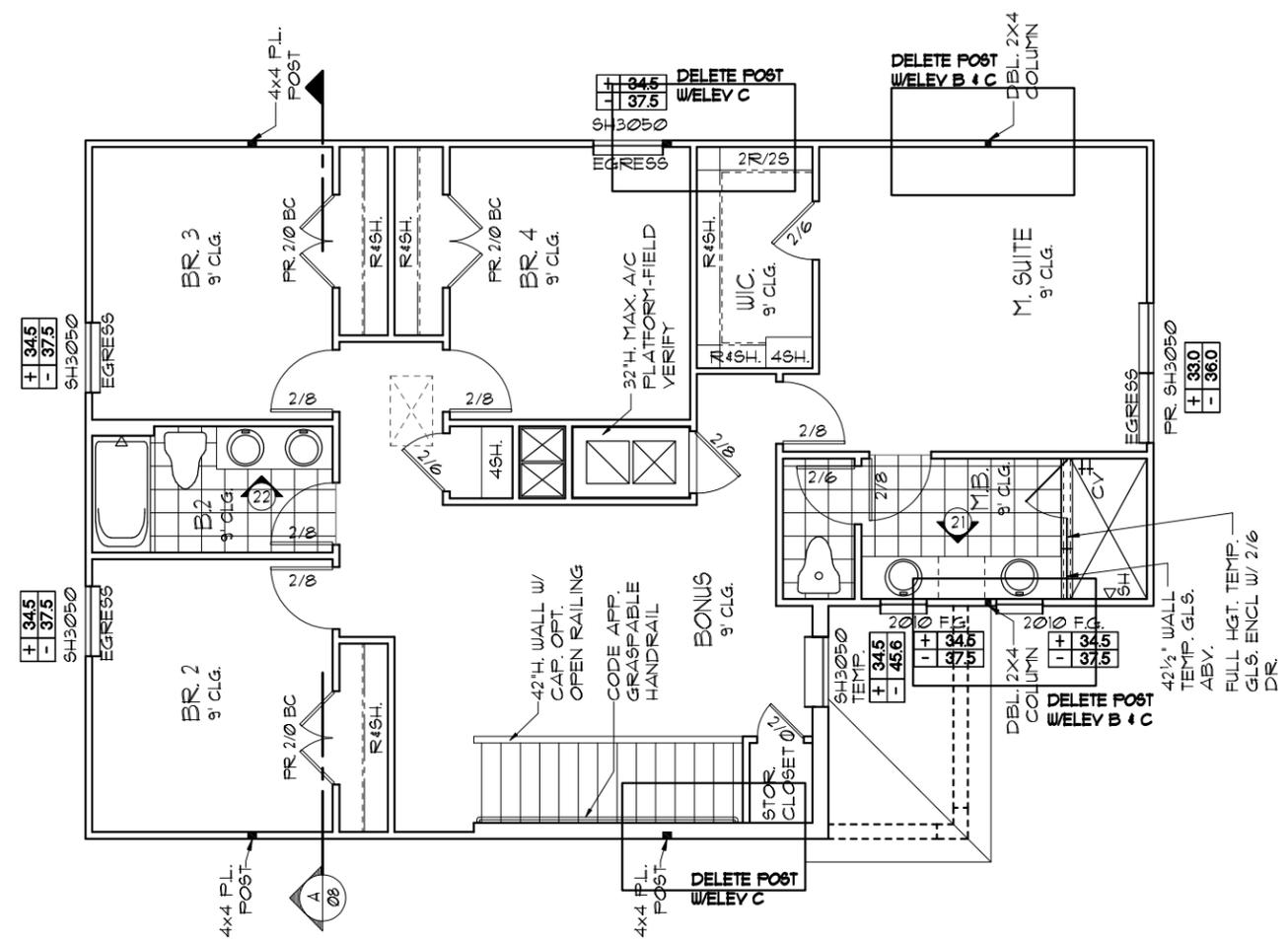
- GENERAL NOTES**
- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
 - VENT DRYER THRU ROOF.
 - PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
 - DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
 - MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.
 - | | |
|-----------|--|
| [Pattern] | DENOTES CONC. BLOCK WALL HGT. @ 9'-4" A.F.F. |
| [Pattern] | 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: M 1307.1 - M1307.2
 - ALL INTER. FIRST FLOOR CEILING AT 9'-4" UNLESS NOTED OTHERWISE.
ALL INTER. SECOND FLOOR CEILING AT 9'-0" UNLESS NOTED OTHERWISE.

NOTE:

- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT MORE THAN 44" MIN. AFF. - R310.2 - FBCR (2023)
- IN DWELLING UNITS, WHERE THE BOTTOM OF THE CLEAR OPENING OF AN OPERABLE WINDOW OPENING IS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

EERO - R310.2.1 - FBCR2023

S425	NET CLEAR OPNG. HEIGHT 32' X NET CLEAR OPNG. WIDTH 27 1/2' = 6119 SQFT	NET CLEAR OPENING OF NOT LESS THAN 5.1 SQFT MIN. NET CLEAR OPNG. HEIGHT DIMENSION SHALL BE 24'. THE MIN. NET CLEAR OPNG. WIDTH DIMENSION SHALL BE 20'.
S425	63" H. X 31" W. WDW SIZE	MIN. NET CLEAR OPNG. FOR GRADE-FLOOR EMERGENCY ESCAPE AND RESCUE OPNG. SHALL BE - 5 SQFT



UPPER FLOOR PLAN W/ NOTES A,B,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

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UPPER FLOOR PLAN W/ NOTES

2034 TRIUMPH
THRIVE SERIES

REVISIONS	BY

DATE: 06-01-22
SCALE: AS NOTED
DRAWN: RDC
JOB: 2034
SHEET: 05.0 OF SHEETS

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

DEAD LOADS

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

ROOF: SHEATHING 5 PSF
STRUCTURE 1 PSF
CEILING 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
PASSENGER VEHICLE GARAGE: 50 PSF

ROOF LIVE LOADS

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

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

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

NOTE: TEMPERED GLAZING IS REQUIRED AT ALL HAZARDOUS LOCATIONS AS DEFINED IN FBC R308.4

PER FBC R301- TABLE R301.5

GUARDRAILS & HANDRAILS	CONC. LOAD	200 LBS
GUARDRAIL IN - FILL COMPONENTS	CONC. LOAD	50 LBS
STAIRS	CONC. LOAD	300 LBS

PER FBC R312- R312.12 & R312.13 & R312.18.1

GUARDRAILS HEIGHT	36" MIN.
HANDRAIL HEIGHT	34" MIN. TO 38" MAX.
GUARDRAIL OPENING LIMITATIONS	4" IN DIAMETER MAX.

NOTE: HANDRAIL CONTINUITY PER R311.18.2- HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1 (1/2)"(38" MIN) BETWEEN THE WALL AND THE HANDRAIL.

NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

NOTE: SEE FINAL COLOR SHEET FOR FLOORING INFO

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

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

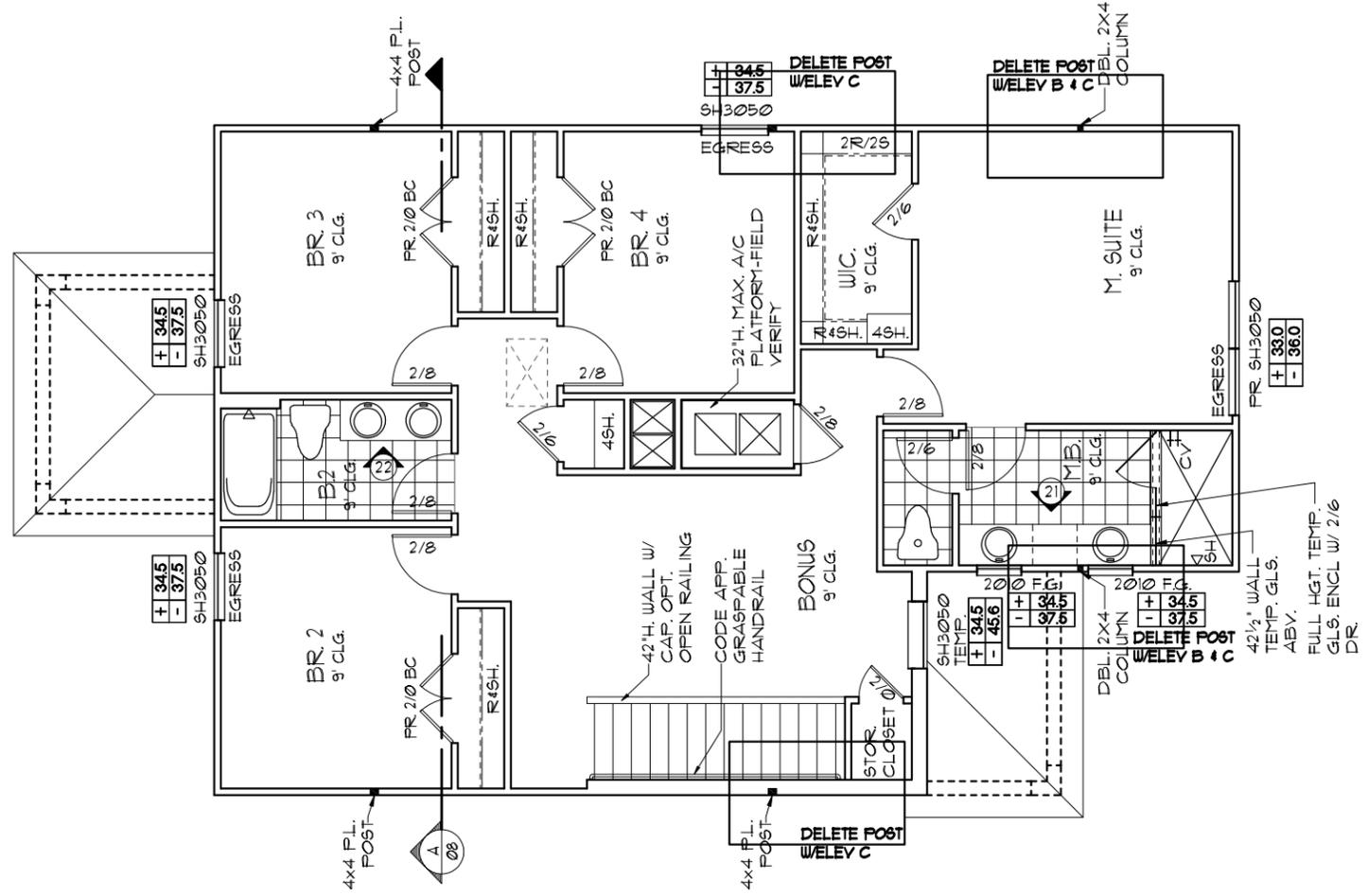
- GENERAL NOTES**
- PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.
 - VENT DRYER THRU ROOF.
 - PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
 - DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
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 - | | |
|-------|--|
| ▬▬▬▬▬ | 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: M 1307.1 - M1307.2
 - ALL INTER. FIRST FLOOR CEILING AT 9'-4" UNLESS NOTED OTHERWISE.
ALL INTER. SECOND FLOOR CEILING AT 9'-0" UNLESS NOTED OTHERWISE.

NOTE:

- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE THE BOTTOM OF THE CLEAR OPENING NOT MORE THAN 44" MIN. AFF.- R310.2 - FBCR (2023)
- IN DWELLING UNITS, WHERE THE BOTTOM OF THE CLEAR OPENING OF AN OPERABLE WINDOW OPENING IS LOCATED LESS THAN 24" ABOVE FINISH FLOOR AND GREATER THAN 12" FINISHED GRADE MUST COMPLY WITH FBCR 312.2

EERO- R310.2.1- FBCR2023

SH25	NET CLEAR OPNG. HEIGHT 32' X NET CLEAR OPNG. WIDTH 27 1/2' = 6119 SQFT	NET CLEAR OPENING OF NOT LESS THAN 5.1 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 SQFT



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

LANAI OPTION

THRIVE PRODUCT

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

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2034 TRIUMPH
THRIVE SERIES

DATE 06-01-22
SCALE AS NOTED
DRAWN RDC
JOB 2034
SHEET 05.1 OF SHEETS

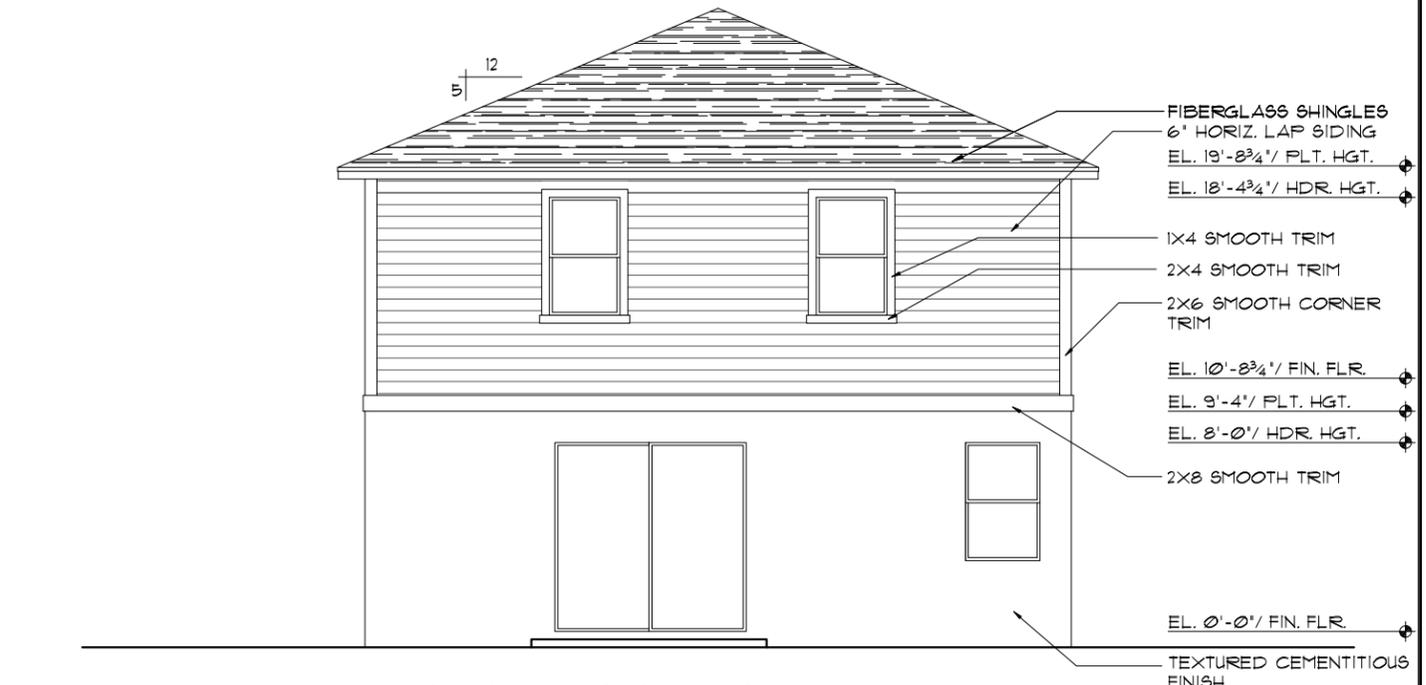
EXTERIOR FINISH NOTES

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



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

2034 TRIUMPH
 THRIVE SERIES

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	2034
SHEET	06A.0
OF	SHEETS

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



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Park Square HOMES

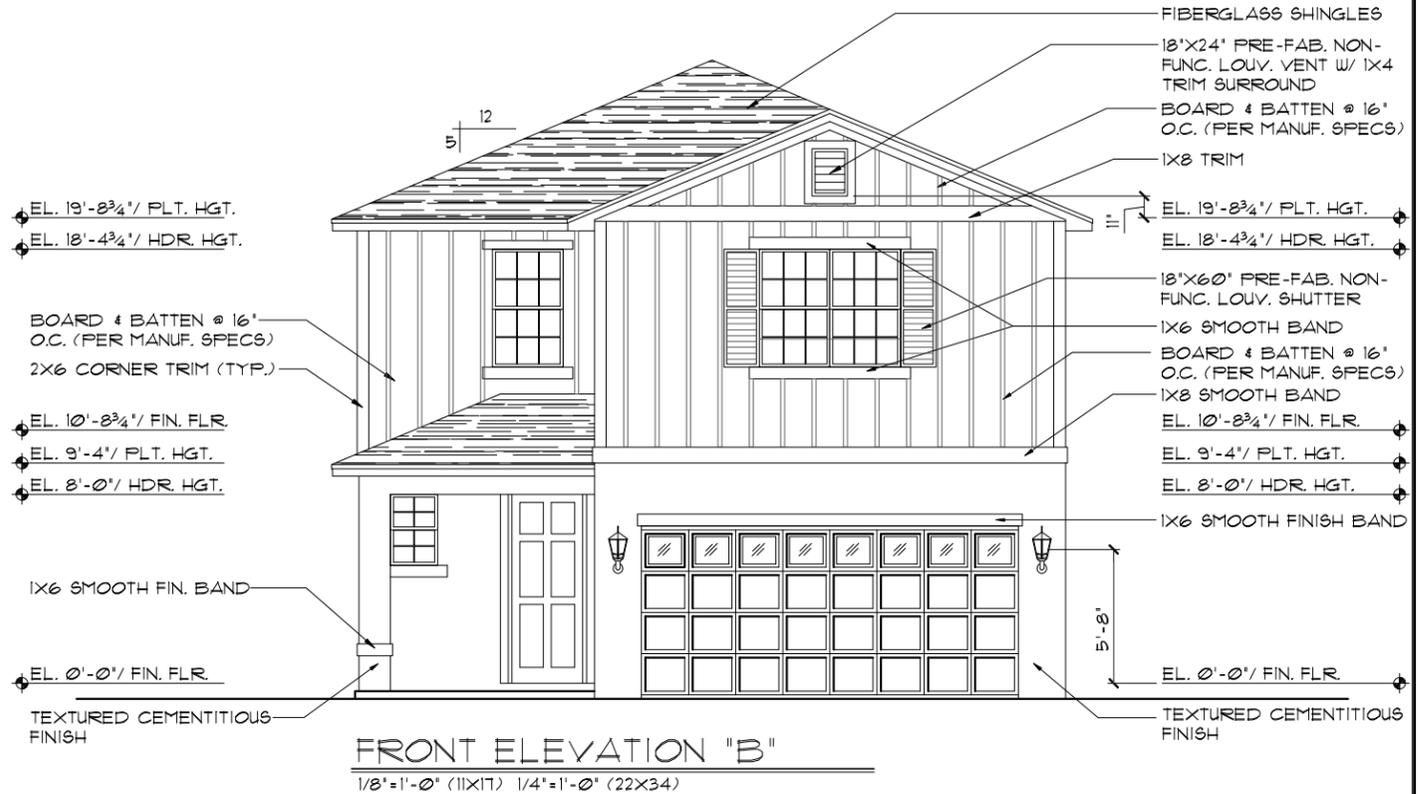
EXTERIOR ELEVATION FRONT AND REAR

2034 TRIUMPH
 THRIVE SERIES

DATE 06-01-22
 SCALE AS NOTED
 DRAWN RDC
 JOB 2034
 SHEET 06A.1
 OF SHEETS

EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R103.1.1 OF THE 8TH EDITION, FBCR. 2023
2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.1.2 OF THE 8TH EDITION, FBCR. 2023
3. WEEP SCREED TO BE INSTALLED IAW R103.1.1 OF THE 8TH EDITION, FBCR. 2023
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.1.3 OF THE 8TH EDITION, FBCR. 2023
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Park Square HOMES

EXTERIOR ELEVATION FRONT AND REAR

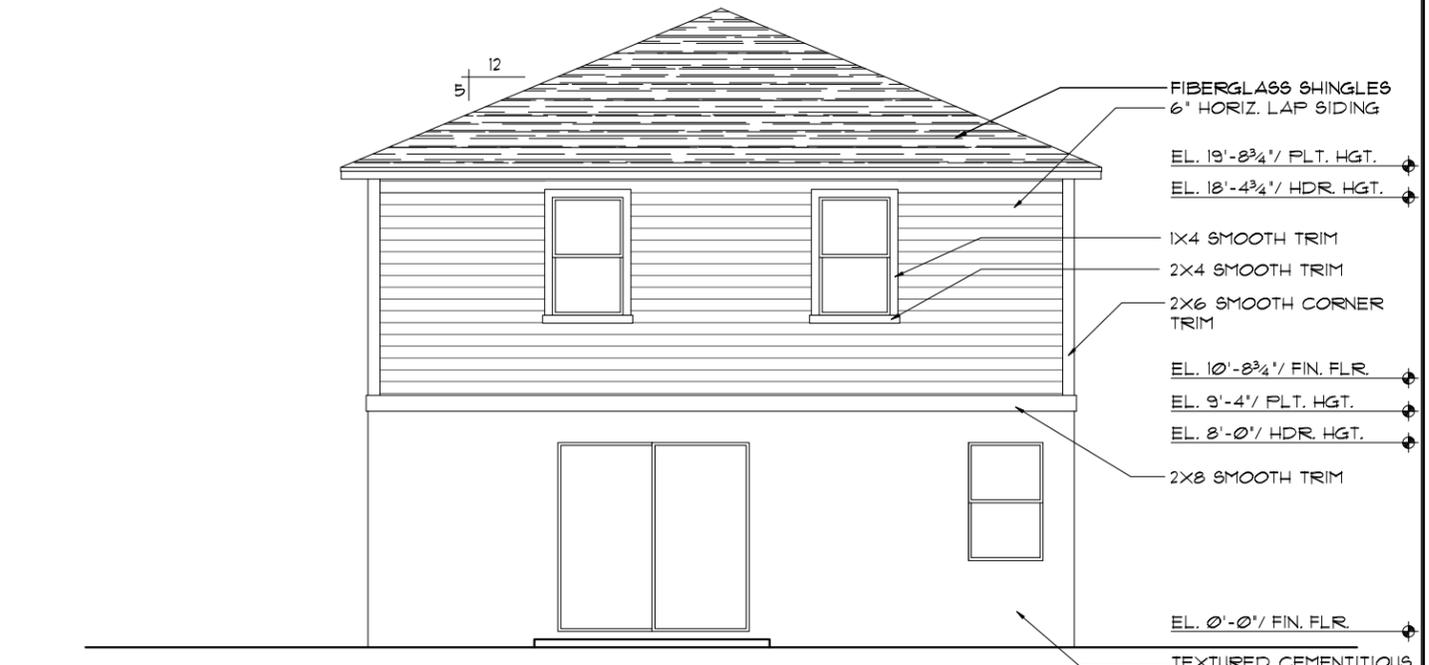
2034 TRIUMPH THRIVE SERIES

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	2034
SHEET	06B.1
OF	1

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



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



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

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LOT: 0000, COMMUNITY

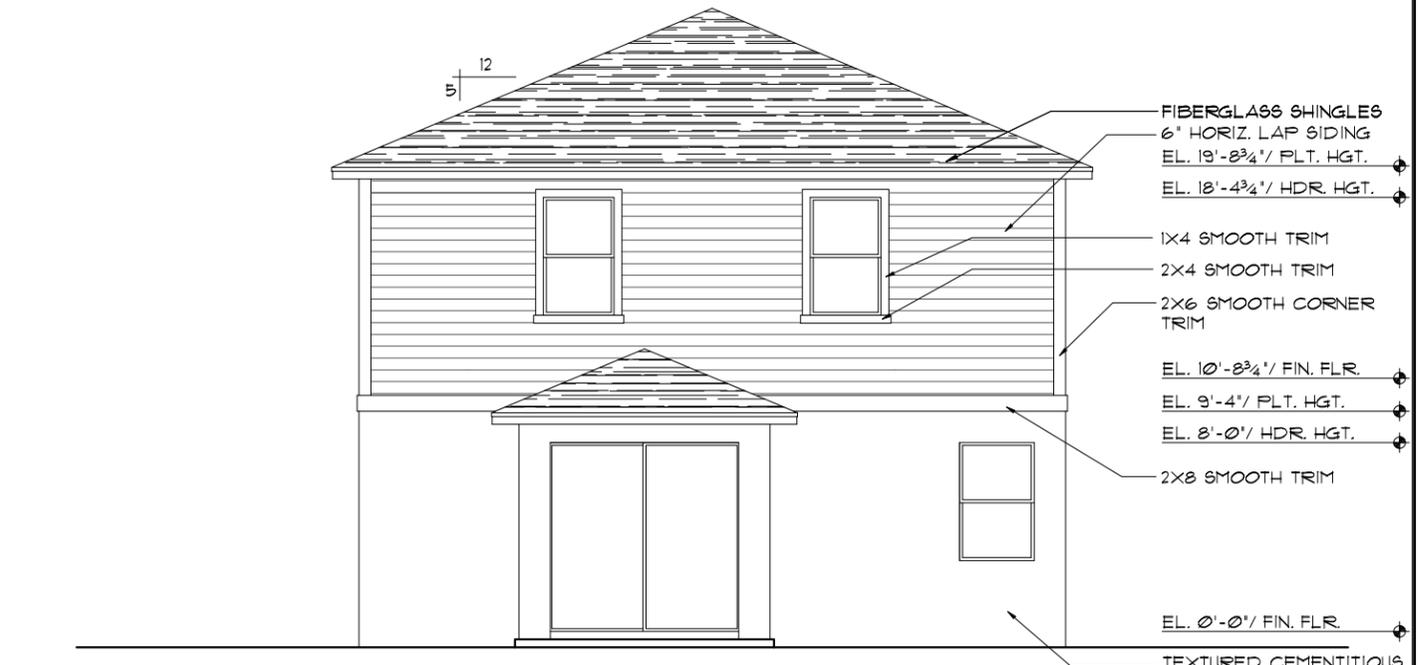
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EXTERIOR ELEVATION FRONT AND REAR	
2034 TRIUMPH THRIVE SERIES	
DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	2034
SHEET	
OF	06
	0
	SHEETS

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



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



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

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 Phone: (407) 529-3000

Park Square HOMES

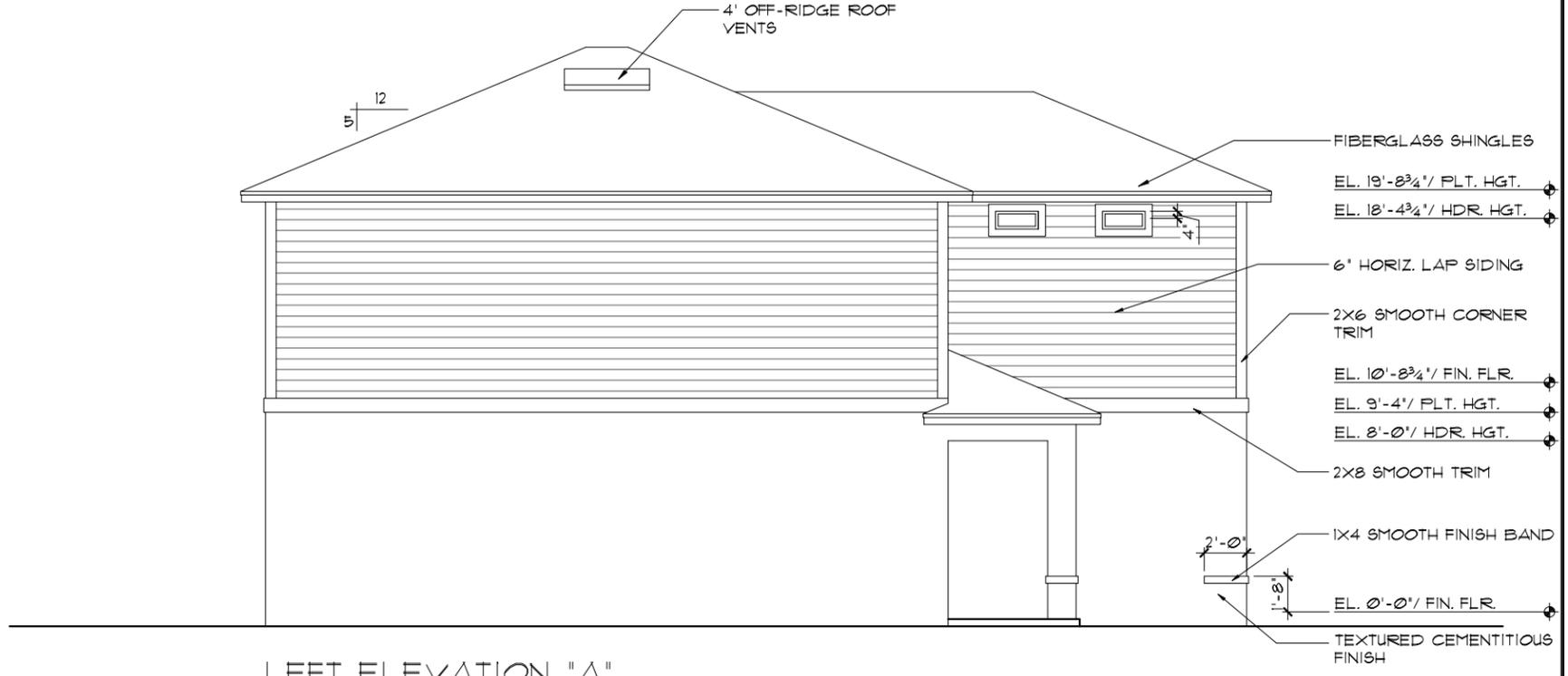
EXTERIOR ELEVATION FRONT AND REAR

2034 TRIUMPH

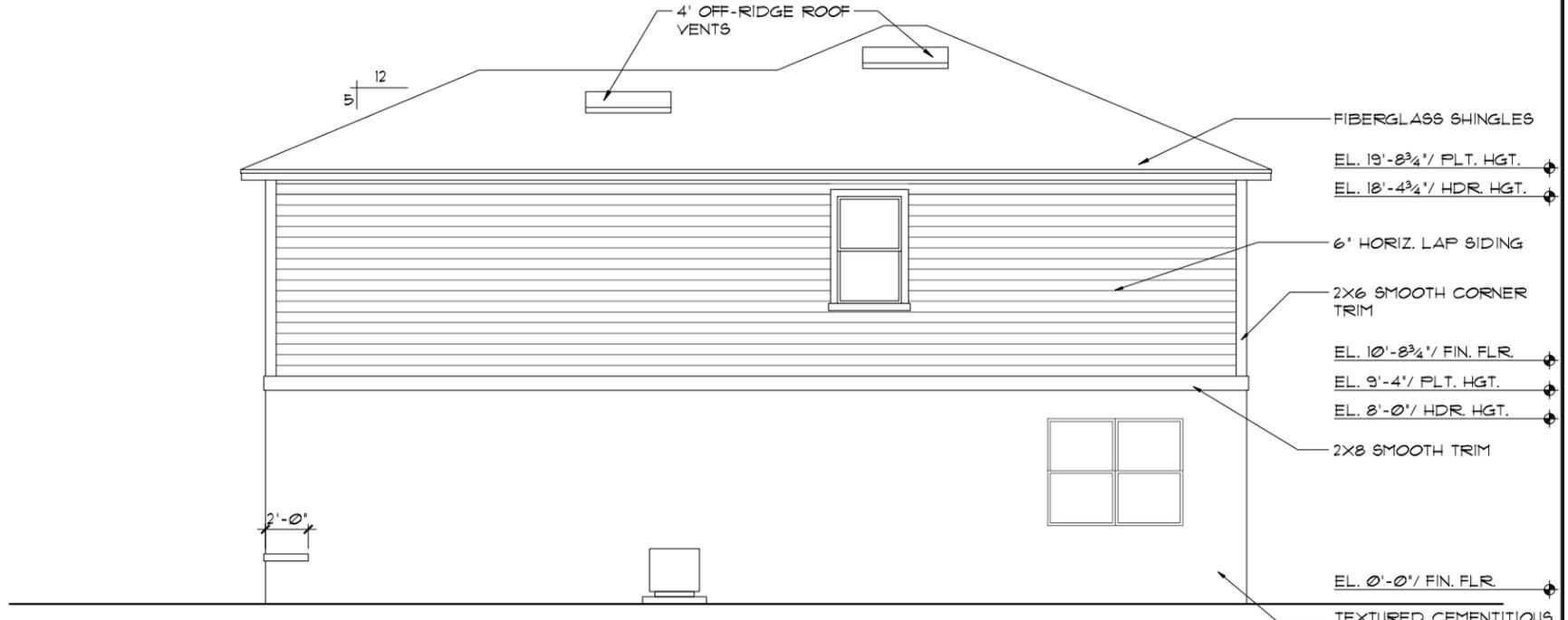
THRIVE SERIES

DATE 06-01-22
 SCALE AS NOTED
 DRAWN RDC
 JOB 2034
 SHEET 06C.1 OF 9 SHEETS

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



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



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

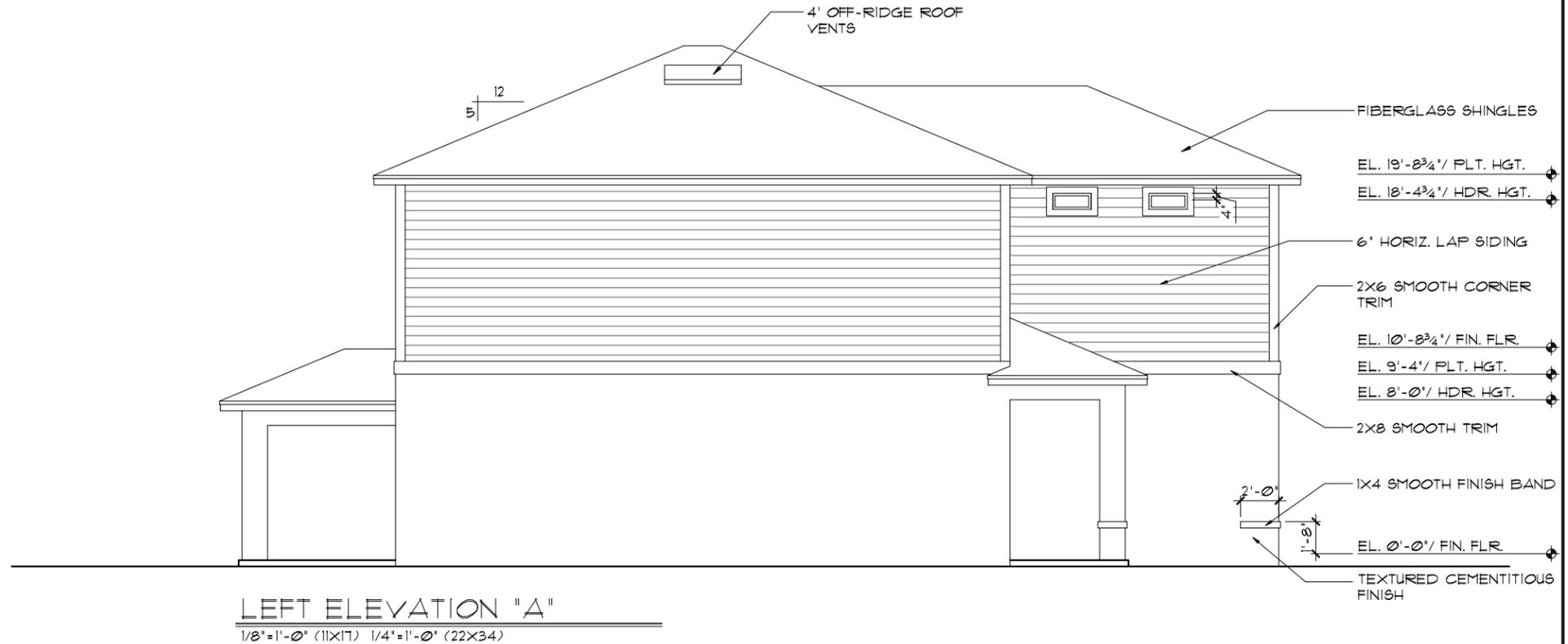
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Park Square HOMES	
EXTERIOR ELEVATION LEFT AND RIGHT	
2034 TRIUMPH THRIVE SERIES	
DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	2034
SHEET	07A.0
OF SHEETS	

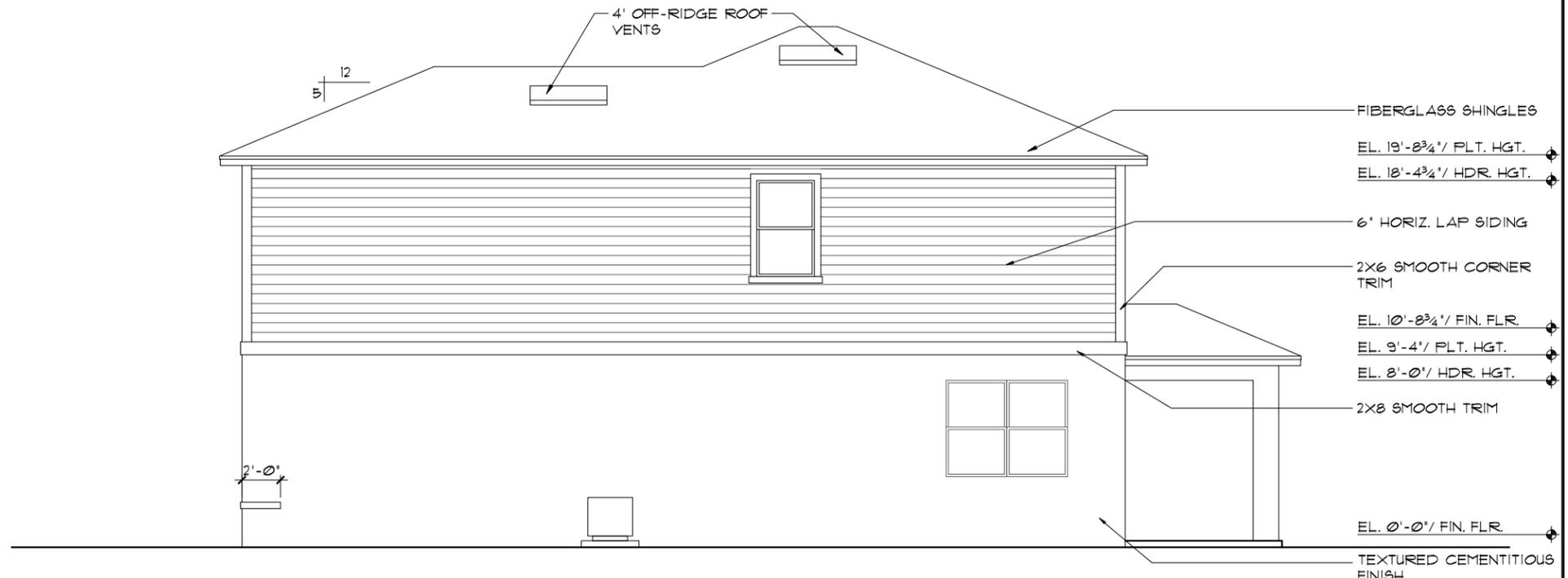
EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R703.1.1 OF THE 8TH EDITION, FBCR. 2023
2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R703.1.2 OF THE 8TH EDITION, FBCR. 2023
3. WEEP SCREED TO BE INSTALLED IAW R703.1.2.1 OF THE 8TH EDITION, FBCR. 2023
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R703.1.3 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 "A"

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



RIGHT ELEVATION "A"

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

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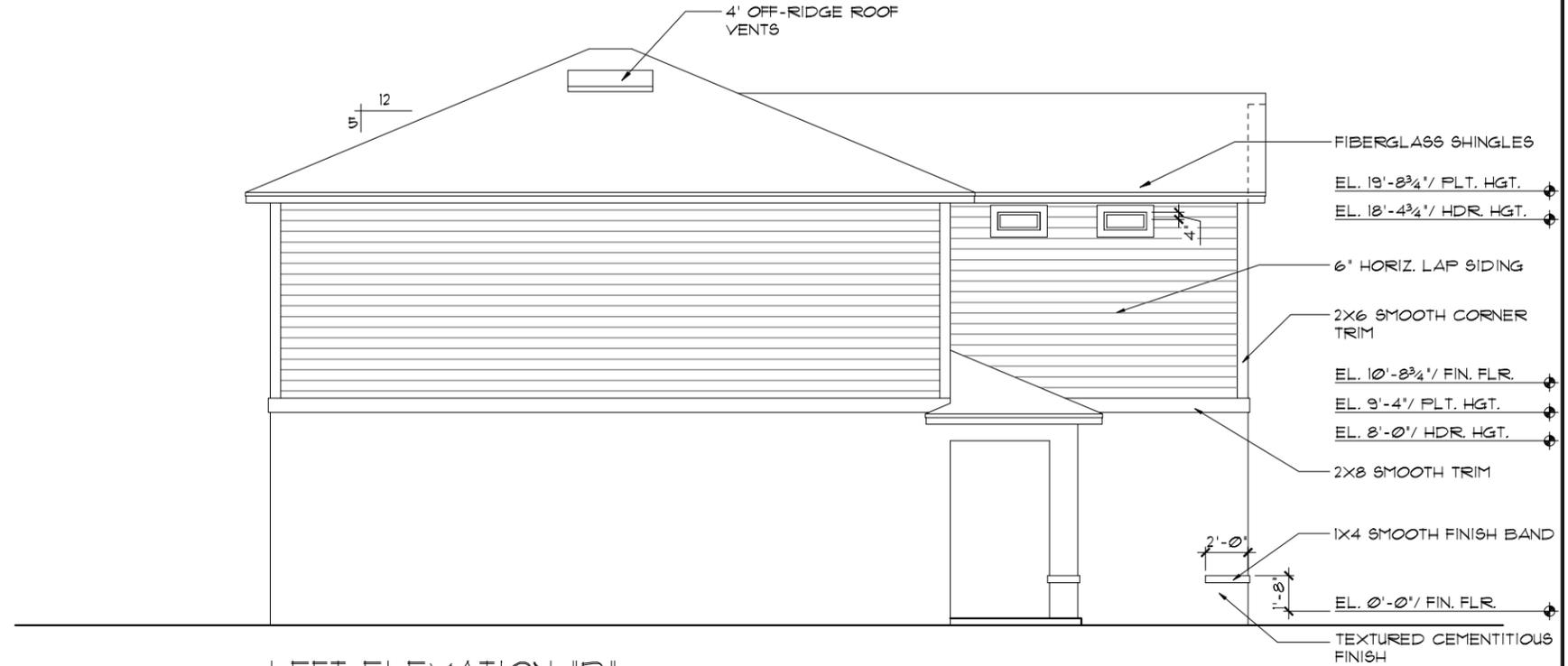
EXTERIOR ELEVATION LEFT AND RIGHT

2034 TRIUMPH
THRIVE SERIES

DATE	06-01-22
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OF	SHEETS

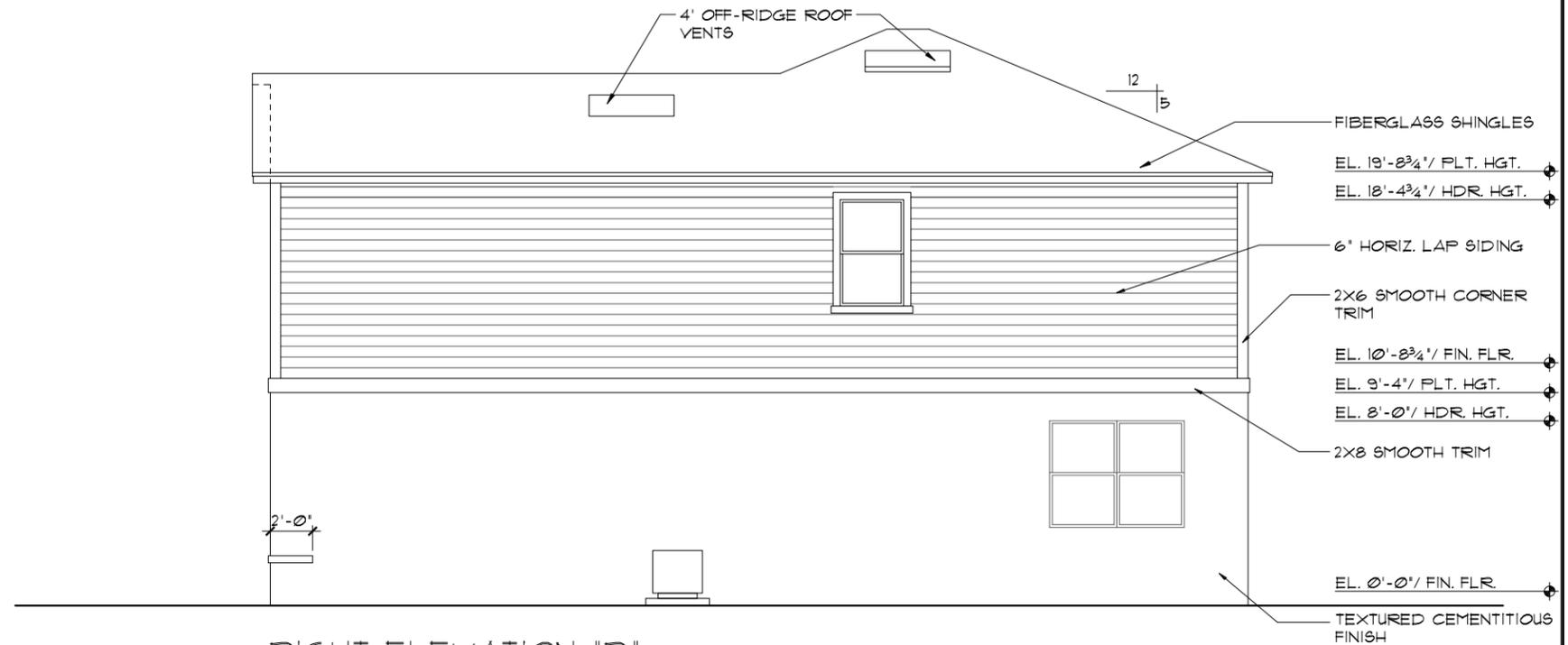
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LEFT ELEVATION "B"

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RIGHT ELEVATION "B"

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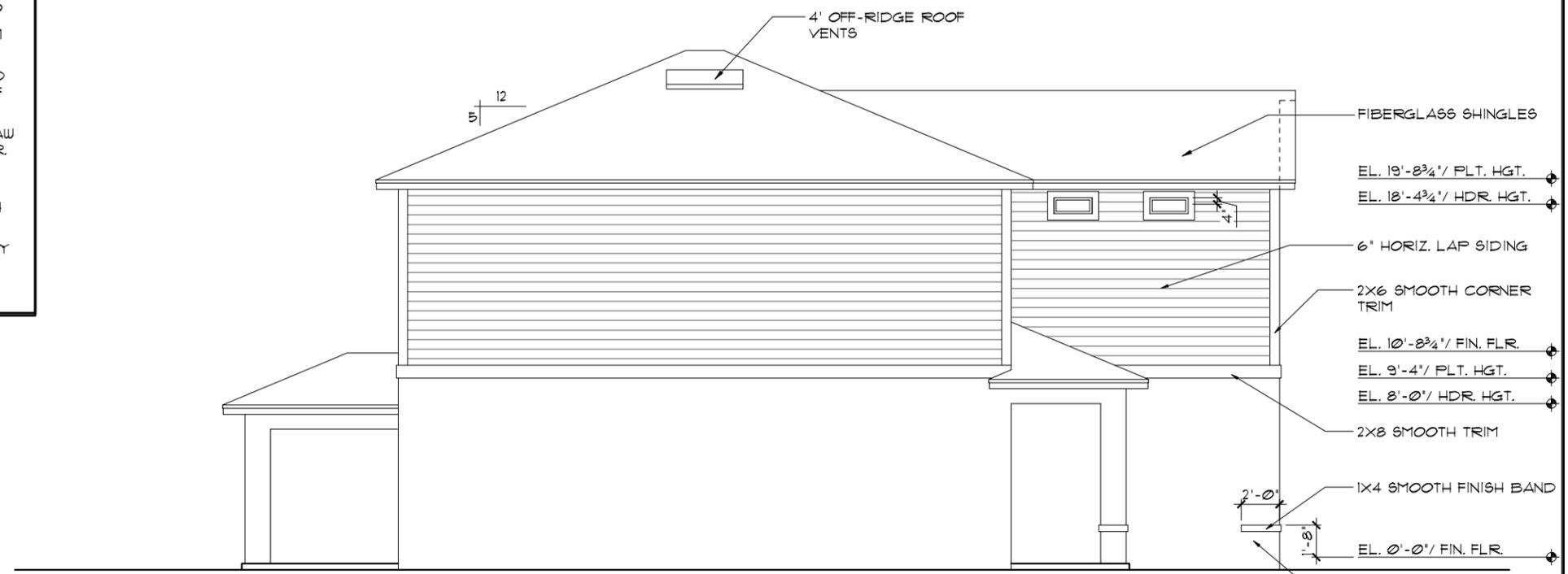
EXTERIOR ELEVATION
 LEFT AND RIGHT

2034 TRIUMPH
 THRIVE SERIES

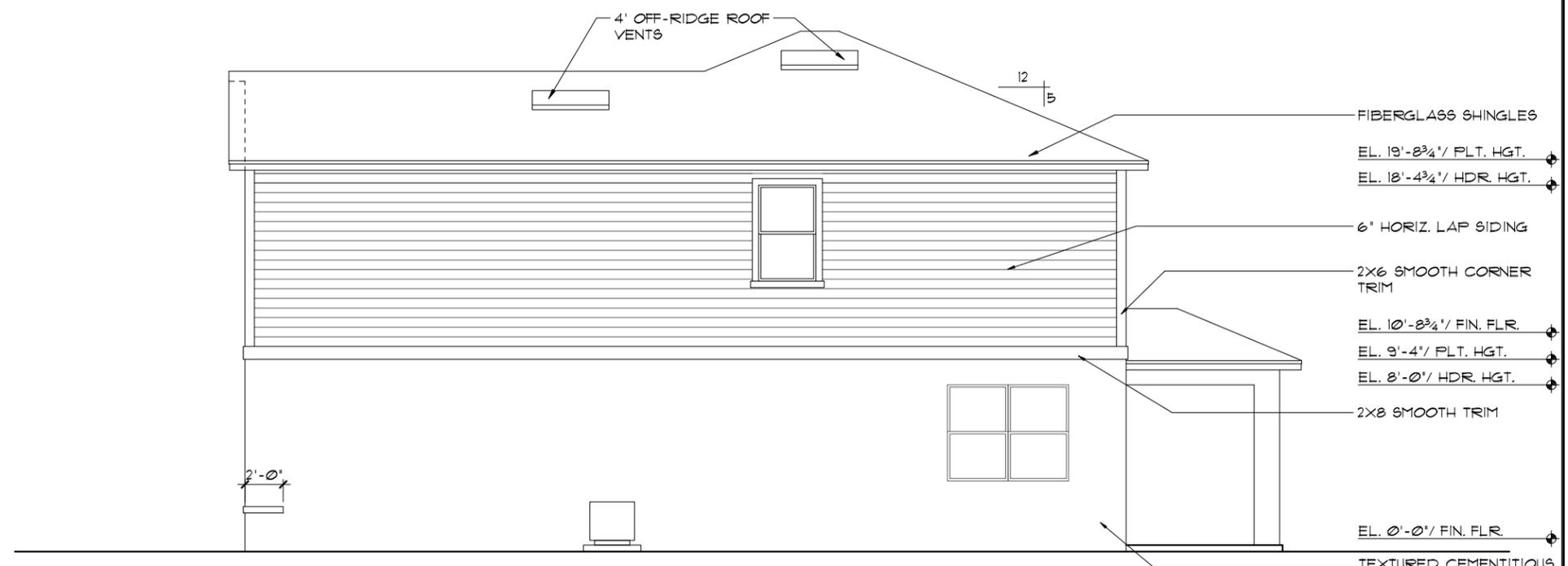
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DATE 06-01-22
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07B.0
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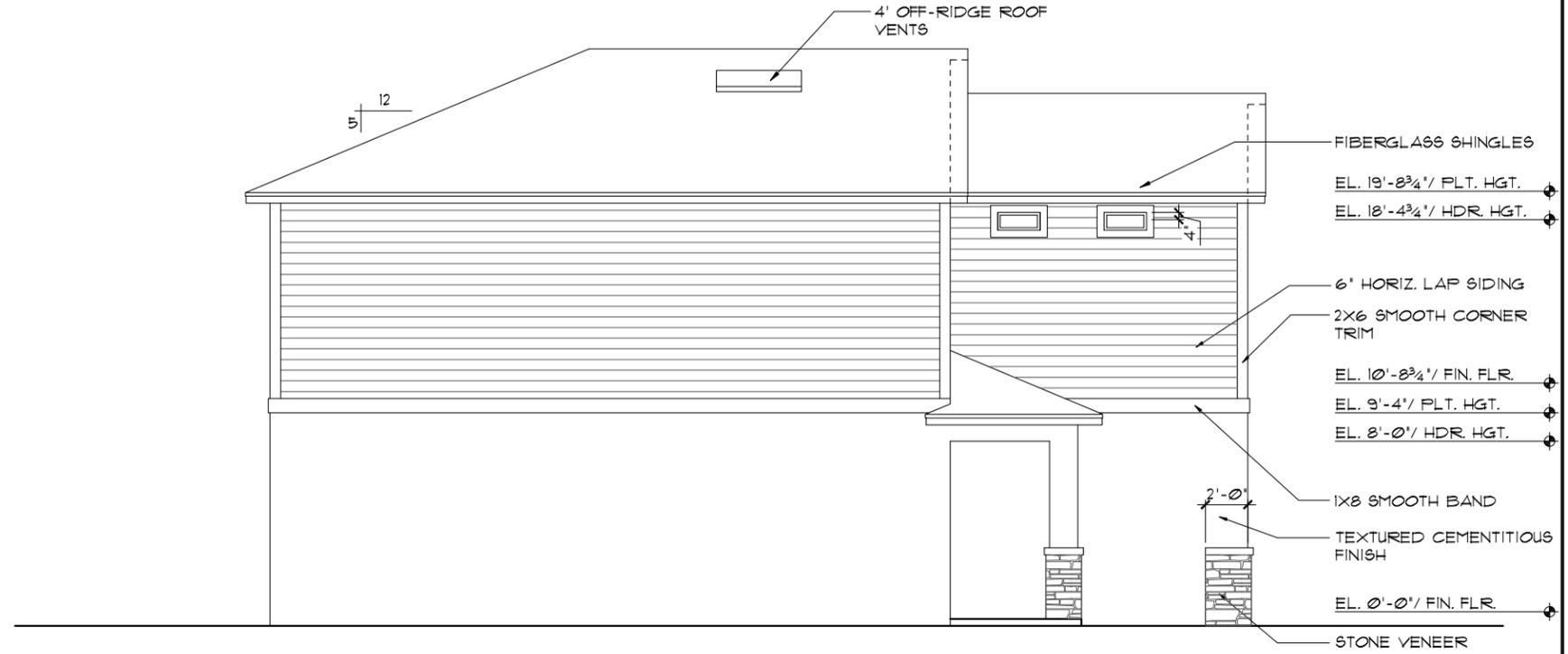
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EXTERIOR ELEVATION LEFT AND RIGHT	
2034 TRIUMPH THRIVE SERIES	
DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	2034
SHEET	07B.1
OF	SHEETS

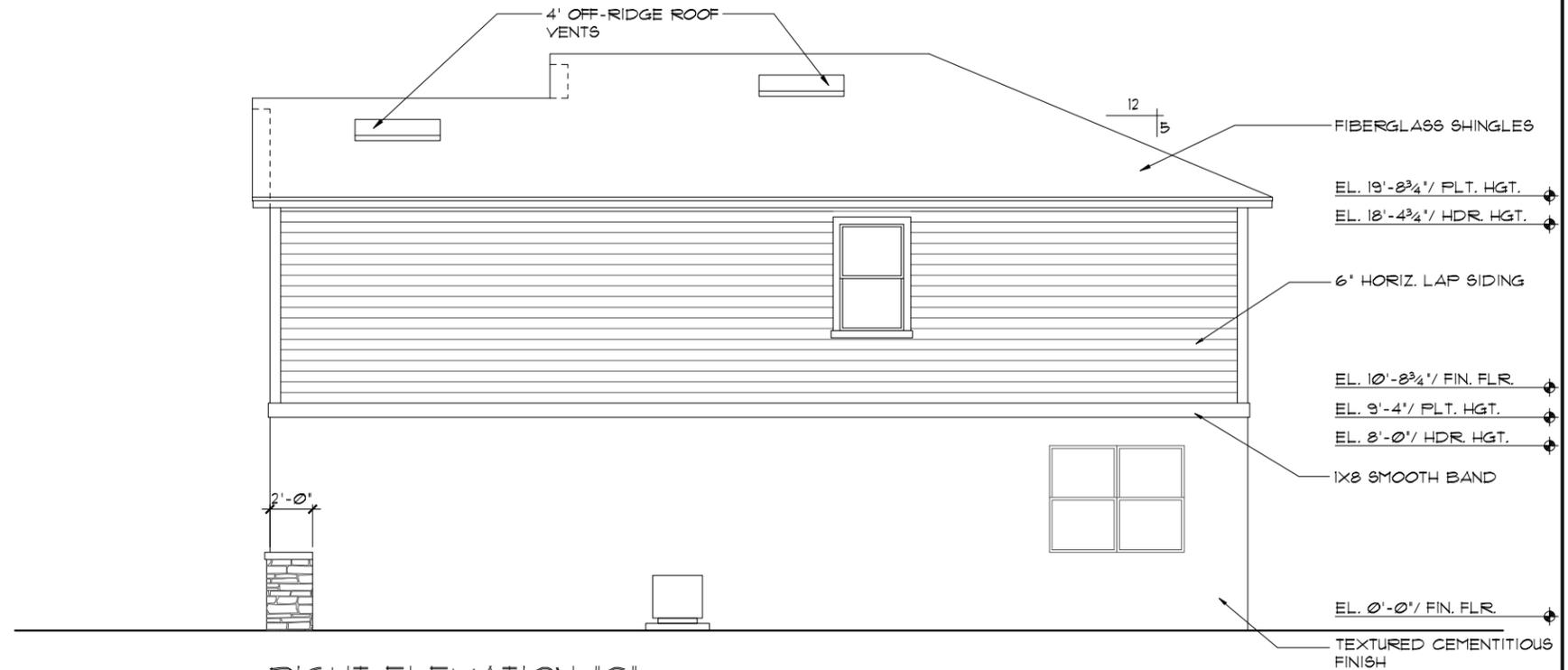
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LEFT ELEVATION "C"

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



RIGHT ELEVATION "C"

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

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EXTERIOR ELEVATION LEFT AND RIGHT

2034 TRIUMPH THRIVE SERIES

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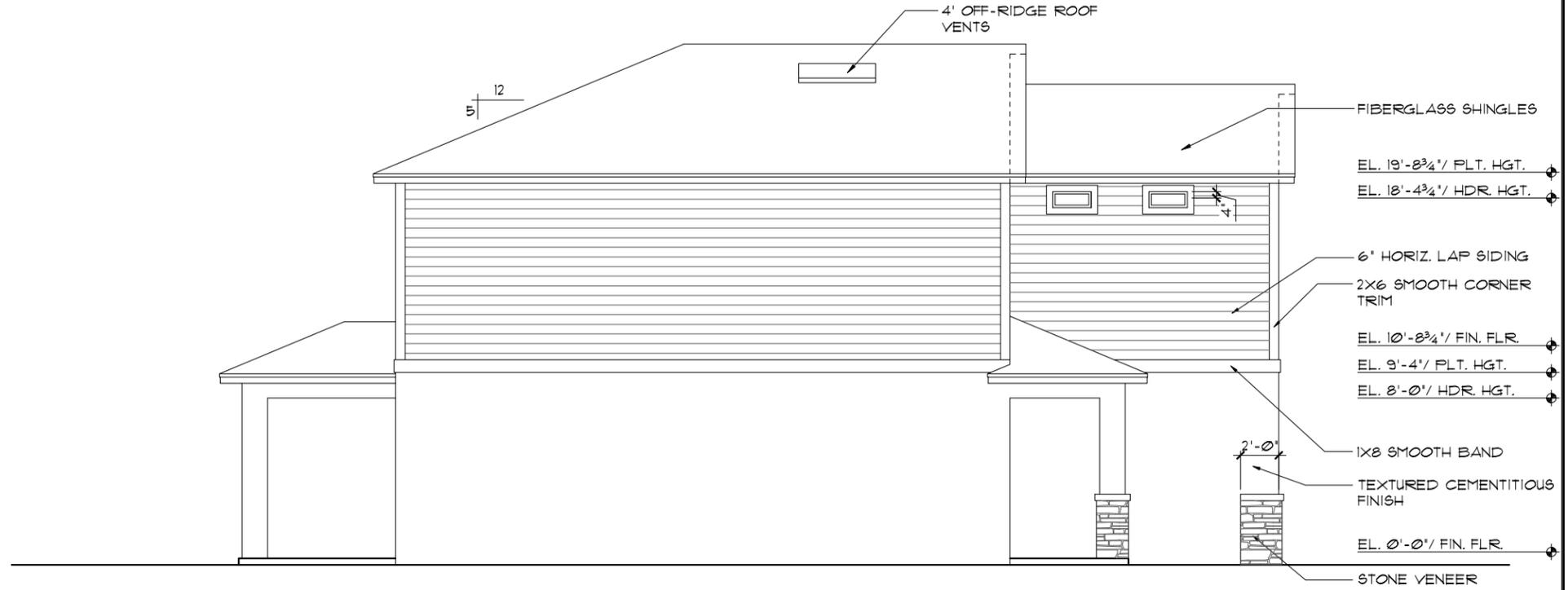
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DATE 06-01-22
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 JOB 2034
 SHEET 07C.0 OF SHEETS

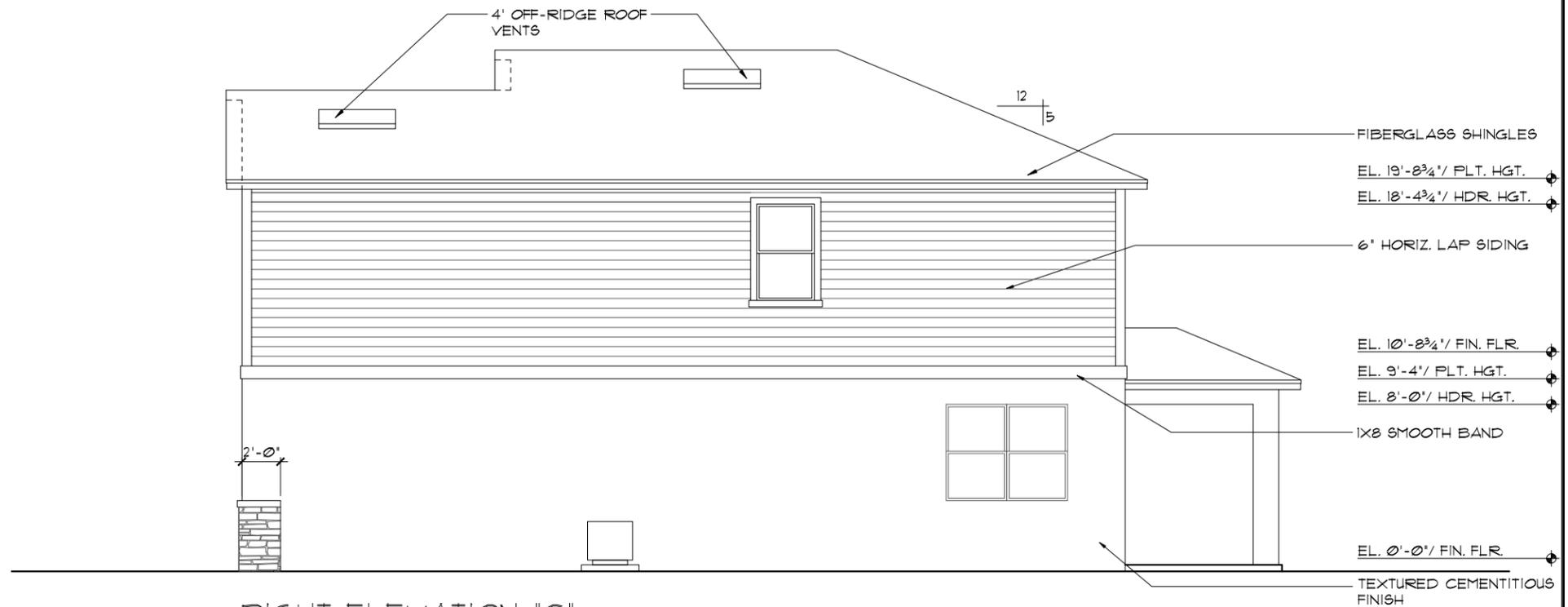
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LEFT ELEVATION "C"

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

THRIVE PRODUCT

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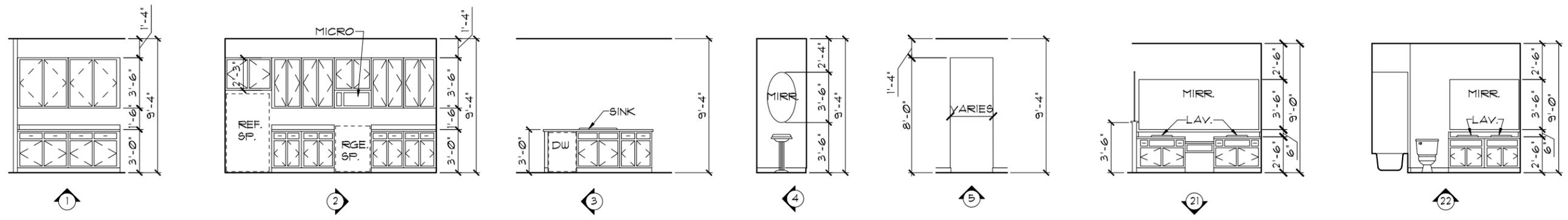
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EXTERIOR ELEVATION LEFT AND RIGHT

2034 TRIUMPH
 THRIVE SERIES

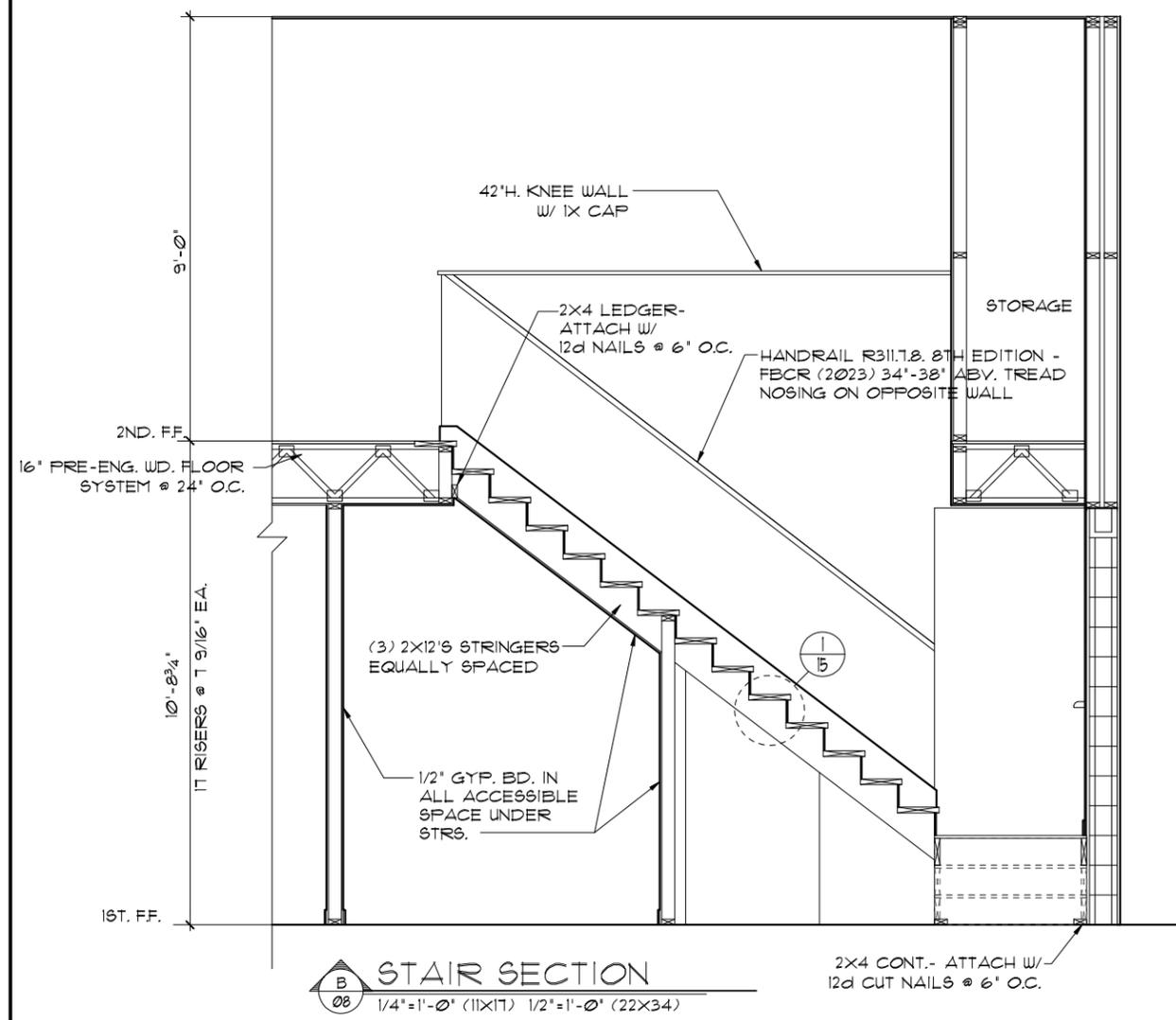
DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	2034
SHEET	07C.1
OF SHEETS	1



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.



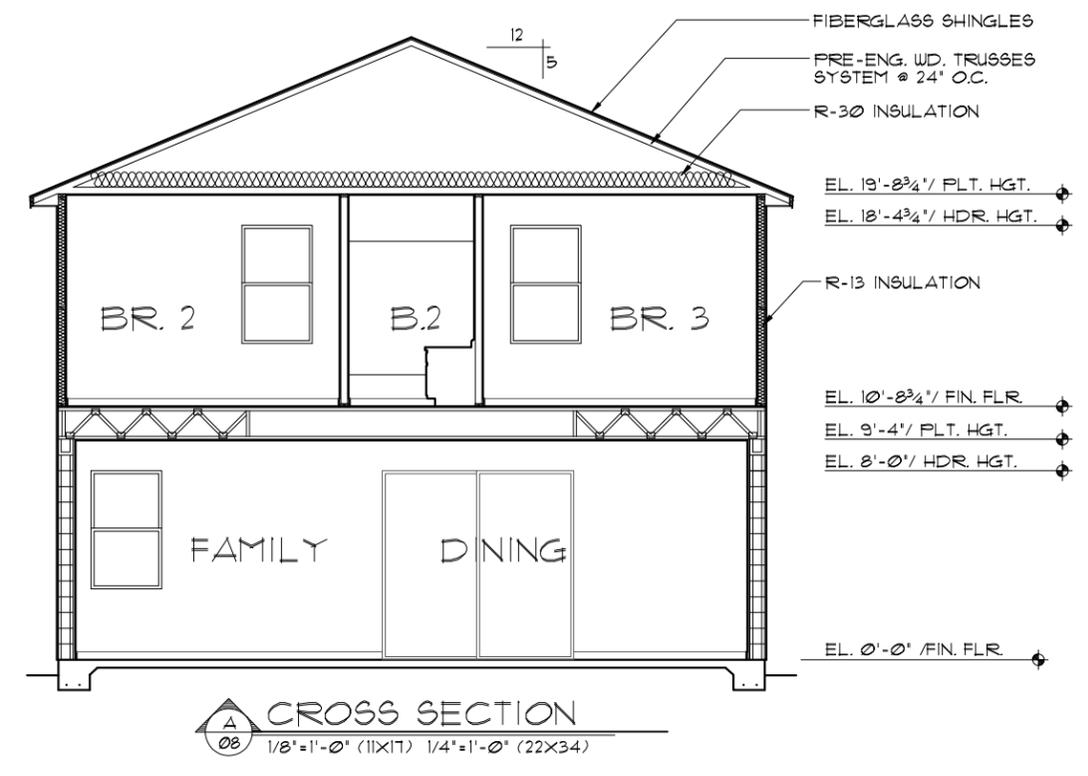
PER FBC R301- TABLE R301.5

GUARDRAILS & HANDRAILS	CONC. LOAD	200 LBS
GUARDRAIL IN - FILL COMPONENTS	CONC. LOAD	50 LBS
STAIRS	CONC. LOAD	300 LBS

PER FBC R312- R312.1.2 & R312.1.3 & R311.7.8.1

GUARDRAILS HEIGHT	36" MIN.
HANDRAIL HEIGHT	34" MIN. TO 38" MAX.
GUARDRAIL OPENING LIMITATIONS	4" IN DIAMETER MAX.

NOTE: HANDRAIL CONTINUITY PER R311.7.8.2 - HANDRAILS FOR STAIRS SHALL BE CONTINUOUS FOR FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POST OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NO LESS THAN 1/2" (38MM) BETWEEN THE WALL AND THE HANDRAIL.



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 SHEET 08 OF 08 SHEETS

2034 TRIUMPH THRIVE SERIES
 CROSS SECTION / INTERIOR ELEVATIONS

THRIVE PRODUCT

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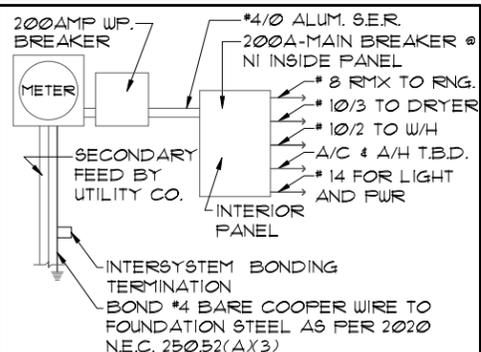


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 5200 Vineland Road, Suite 200
 Orlando, Florida, 32811
 Phone: (407) 529-3000



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. F2001.1
 - 9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.
 - 10.) THE MAXIMUM ALLOWABLE EXHAUST DUCT LENGTH SHALL BE DETERMINED BY ONE OF THE METHODS SPECIFIED IN SECTIONS M1502.4.5.1 THROUGH M1502.4.5.3
 - 11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA70-NEC 2020
 - 12.) ADDITIONAL ELECTRODE MAY BE REQUIRED IN ACCORDANCE WITH NEC 250.53(A)2
 - 12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFPA70-NEC2020 - ARTICLE 210-52



ELECTRICAL RISER DIAGRAM

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

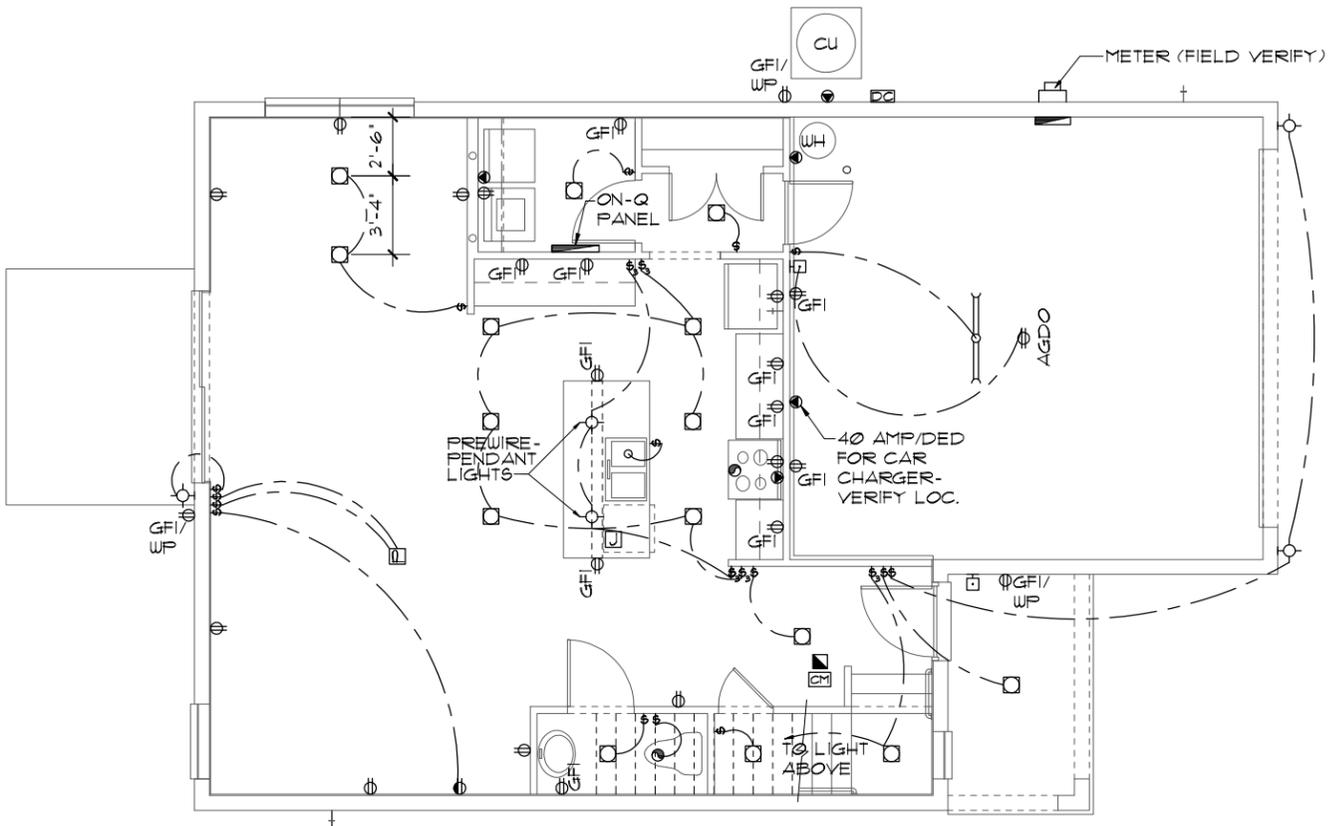
250.52(A)3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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

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

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

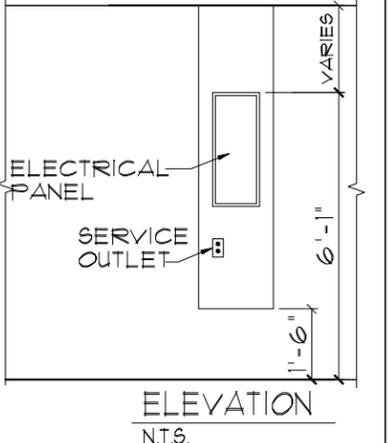
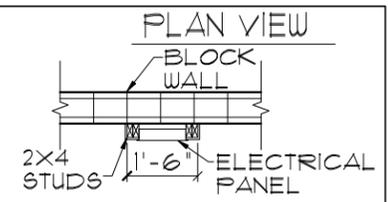
Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings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



ELECTRICAL PLAN A,B,C

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

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



ELECTRICAL LEGEND			
⊞	SINGLE POLE SWITCH	◀	OUTLET, TV/CABLE
⊞	THREE WAY SWITCH	◀	OUTLET, PHONE
⊞	OUTLET 110-115	□	INTERCOM
⊞	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
⊞	OUT. 110-115, W/ USB	⊞	SMOKE DETECTOR/SMOKE
⊞	OUT. 110-115, CLG. MOUNT.	⊞	CARBON MONOXIDE
⊞	OUT. 110-115, FLR. MOUNT.	⊞	PUSH BUTTON
⊞	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

LOT: 000, COMMUNITY

ELECTRICAL PLAN

2034 TRIUMPH THRIVE SERIES

DATE 06-01-22
SCALE AS NOTED
DRAWN RDC
JOB 2034
SHEET 09.0 OF SHEETS

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Park Square HOMES

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

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

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

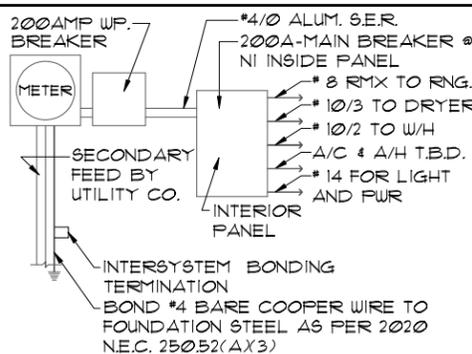
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10.) THE MAXIMUM ALLOWABLE EXHAUST DUCT LENGTH SHALL BE DETERMINED BY ONE OF THE METHODS SPECIFIED IN SECTIONS M1502.4.5.1 THROUGH M1502.4.5.3

11.) ALL ELECTRICAL WORK TO BE DONE PER NFPA70-NEC 2020

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

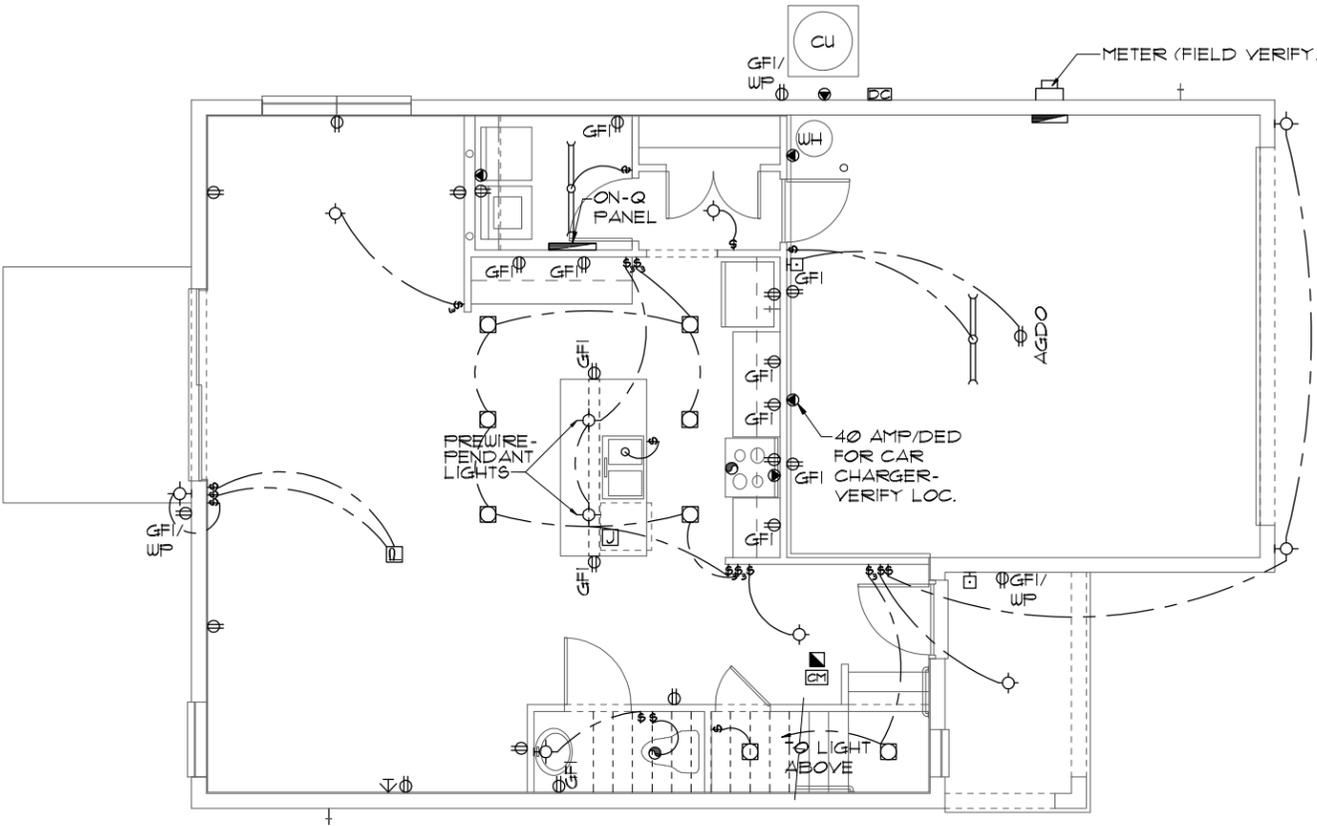
250.52(A)3) Concrete-Encased Electrode. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long.

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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.

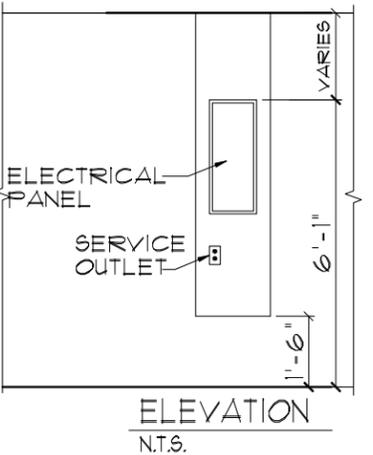
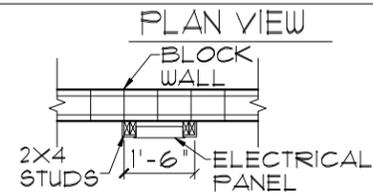
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ELECTRICAL PLAN A,B,C

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

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



ELECTRICAL LEGEND

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

THRIVE PRODUCT

LOT: 000, COMMUNITY

2034 TRIUMPH

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

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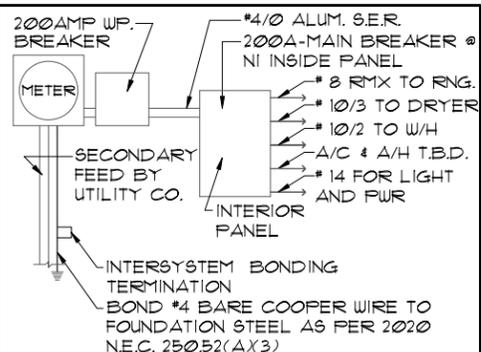
ELECTRICAL PLAN

DATE 06-01-22
 SCALE AS NOTED
 DRAWN RDC
 JOB 2034
 SHEET 09.0 OF SHEETS

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MECHANICAL/GENERAL NOTES

- PER 8TH ED. 2023 FLA BLD. CODE-RESIDENTIAL
- 1.) COMPLETE DUCT DESIGN W/ SIZES & R-VALUE COMPLYING W/ THE FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION 610.1 ABC.1
 - 2.) APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION.
 - 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.
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ELECTRICAL RISER DIAGRAM

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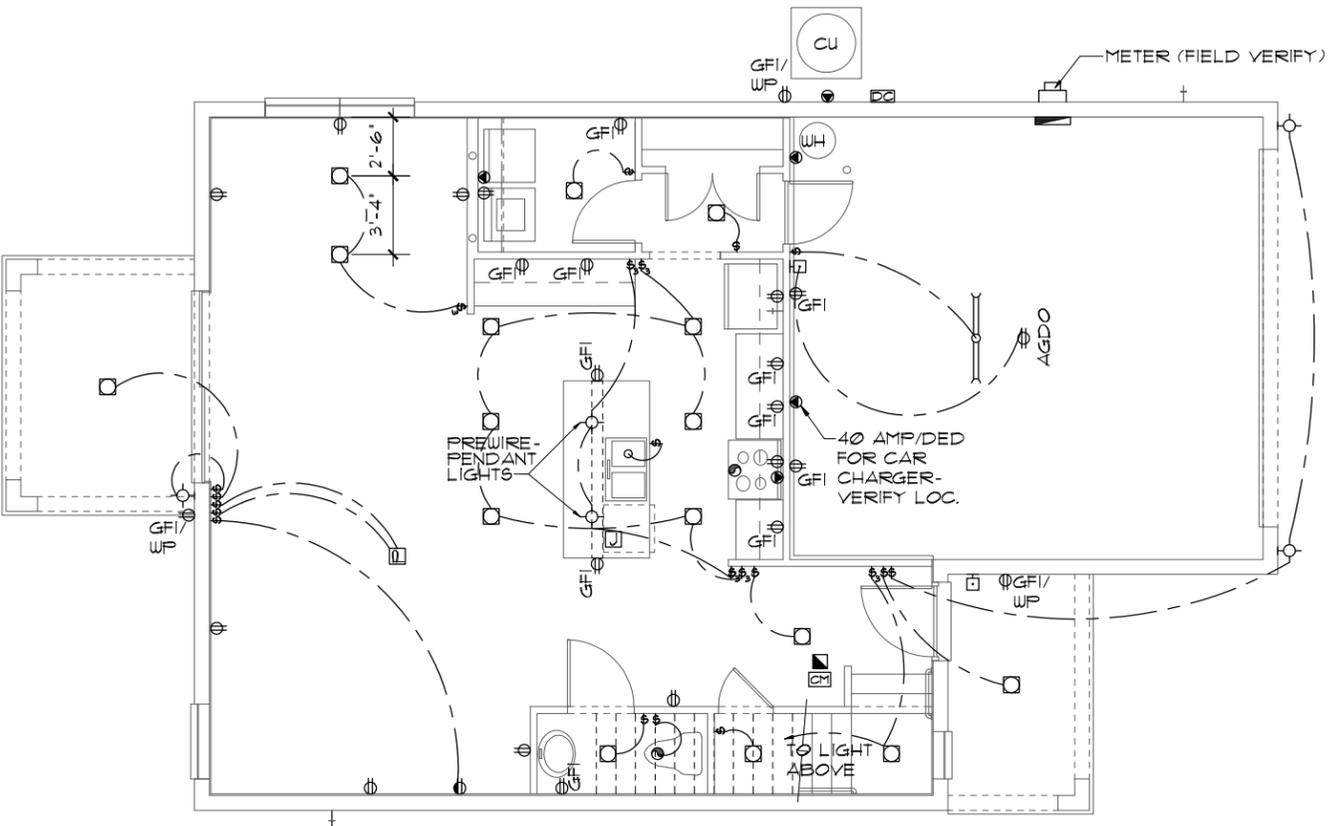
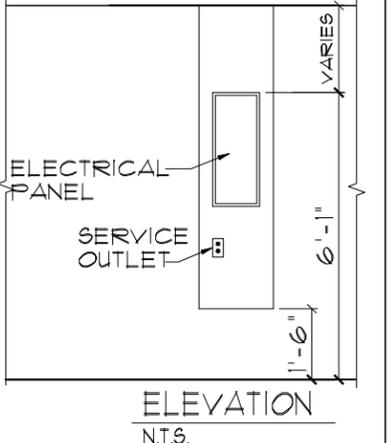
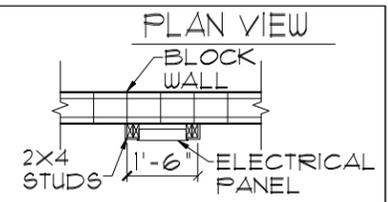
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⊞	OUTLET 110-115	◻	INTERCOM
⊞	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
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⊞	SPCL. PURPOSE 220-240	⊞	EXHAUST FAN
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⊞	LIGHT FIXT., EXT. FLOODS	⊞	THERMOSTAT
⊞	LIGHT FIXT., EMERG. EXIT	⊞	DISCONNECT SWITCH
⊞	LIGHT FIXT., EXIT/BACKUP	⊞	ELEC. POWER METER

LANAI OPTION

LOT: 000, COMMUNITY

DATE 06-01-22

SCALE AS NOTED

DRAWN RDC

JOB 2034

SHEET

09.1 OF SHEETS

THRIVE PRODUCT

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

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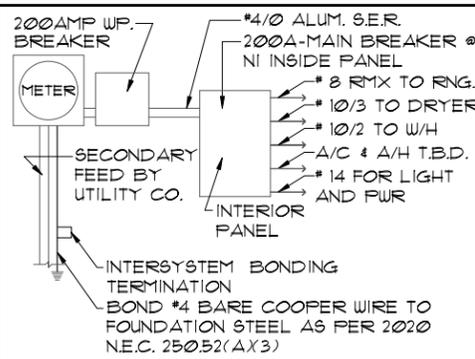
Park Square HOMES

ELECTRICAL PLAN

2034 TRIUMPH
THRIVE SERIES

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ELECTRICAL RISER DIAGRAM
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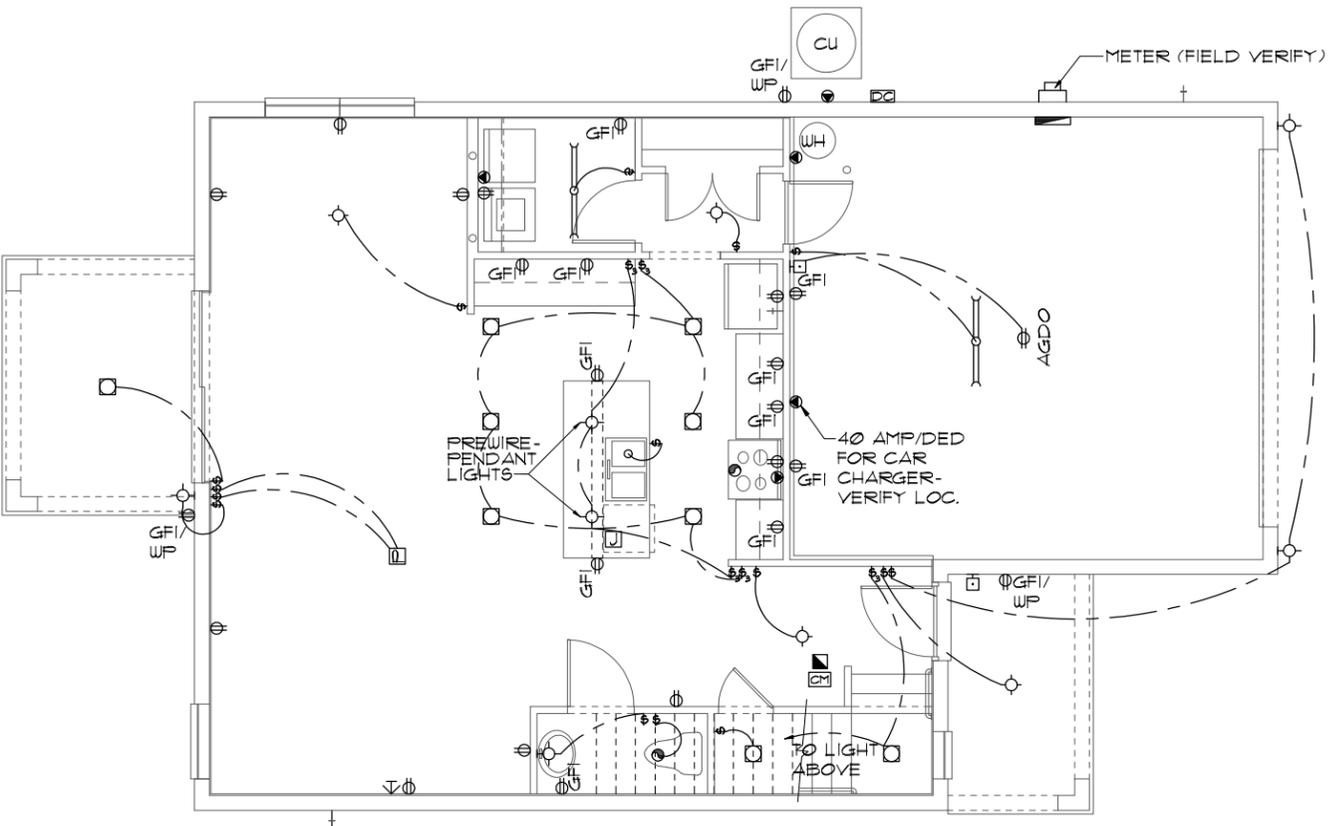
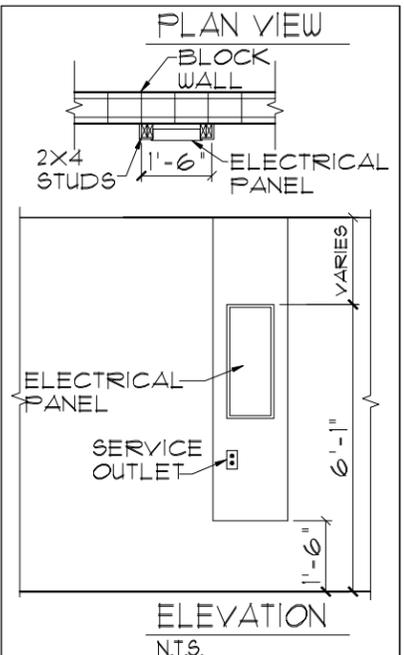
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THRIVE PRODUCT

LOT: 000, COMMUNITY 2034 TRIUMPH THRIVE SERIES

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Park Square HOMES

REVISIONS	BY

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SHEET 09.1 OF SHEETS

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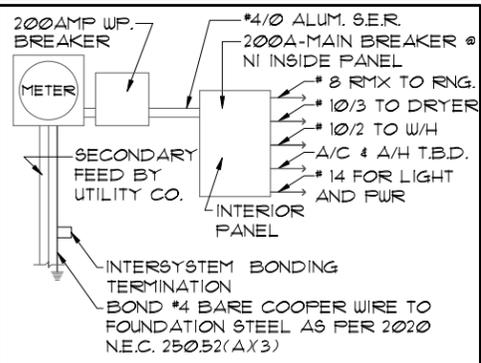
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12.) ALL DWELLING UNIT RECEPTACLE WILL BE IN ACCORDANCE WITH NFP70-NEC2020 - ARTICLE 210-52



ELECTRICAL RISER DIAGRAM

NOTE:
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 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.

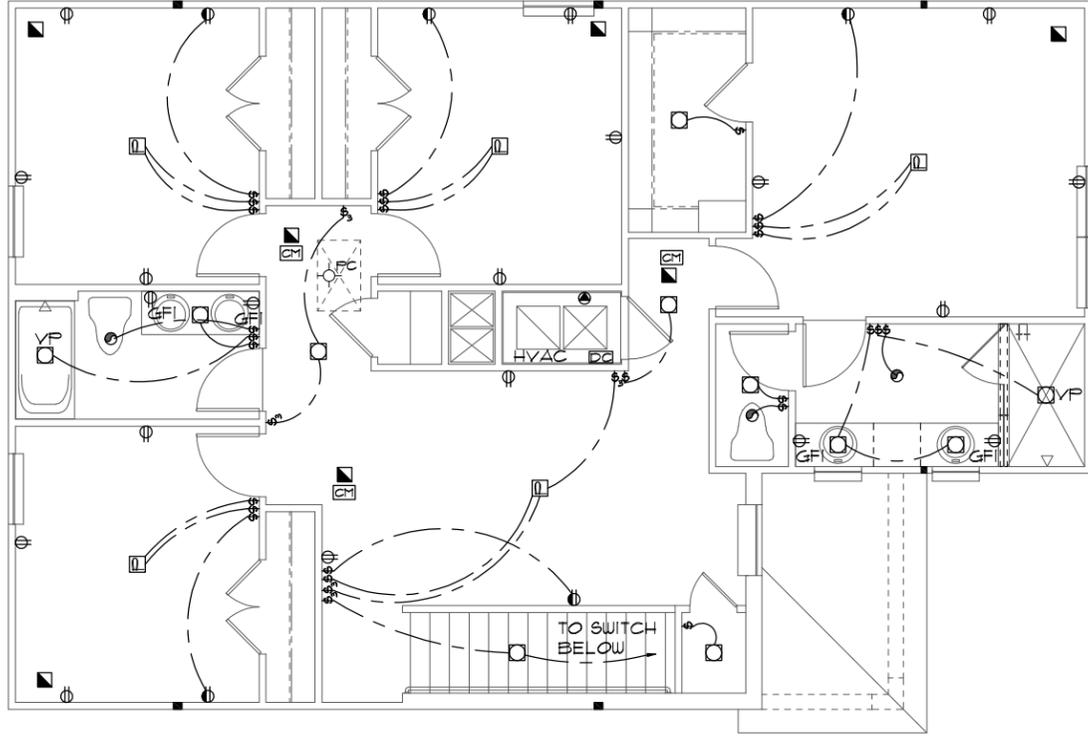
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 1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

ELECTRICAL LEGEND			
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⊞	OUTLET 110-115	◻	INTERCOM
⊞	OUT. 110-115, SPLIT WIRED	⊞	CHIMES
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THRIVE PRODUCT

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 THOMPSON ENGINEERING GROUP, INC.
 5200 Vineland Road, Suite 200
 Orlando, Florida 32811
 Phone: (407) 734-1790
 www.iteg.com

Park Square HOMES

UPPER ELECTRICAL PLAN

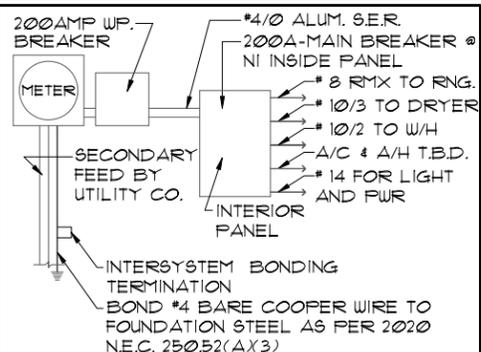
2034 TRIUMPH
 THRIVE SERIES

REVISIONS	BY

DATE 06-01-22
 SCALE AS NOTED
 DRAWN RDC
 JOB 2034
 SHEET 10.0 OF SHEETS

MECHANICAL/GENERAL NOTES

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ELECTRICAL RISER DIAGRAM

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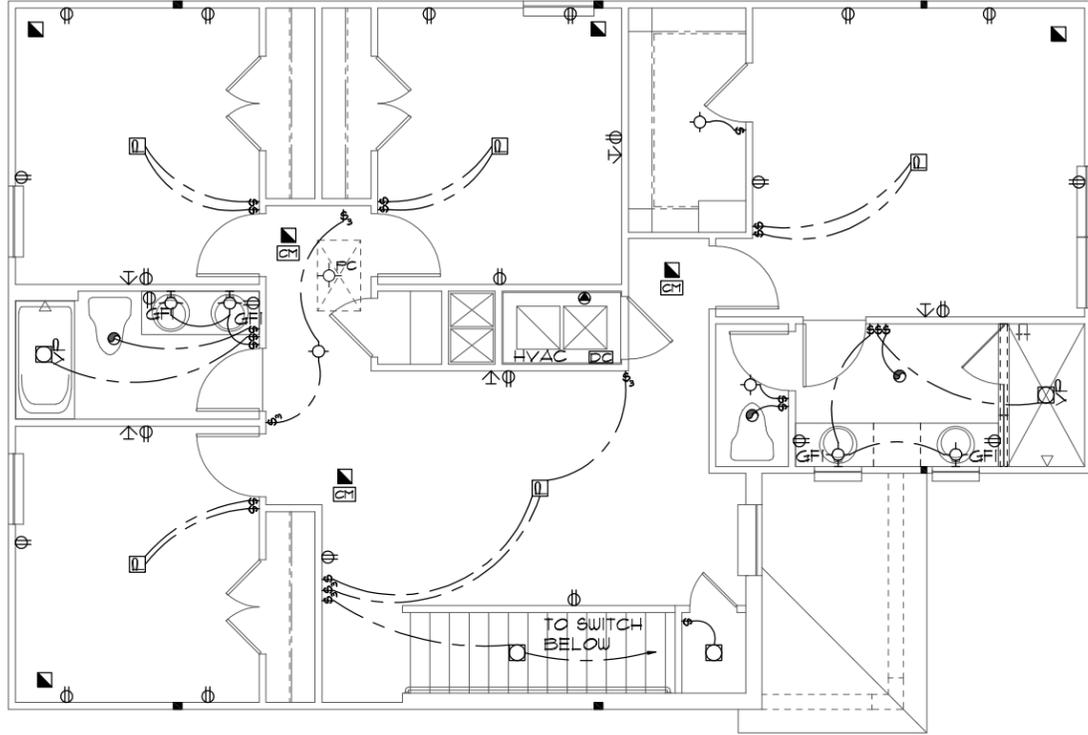
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THRIVE PRODUCT

UPPER ELECTRICAL PLAN

2034 TRIUMPH
THRIVE SERIES

LOT: 000, COMMUNITY

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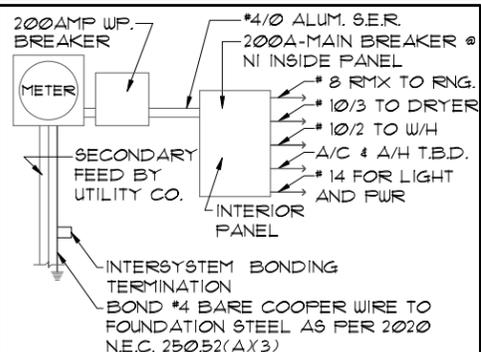
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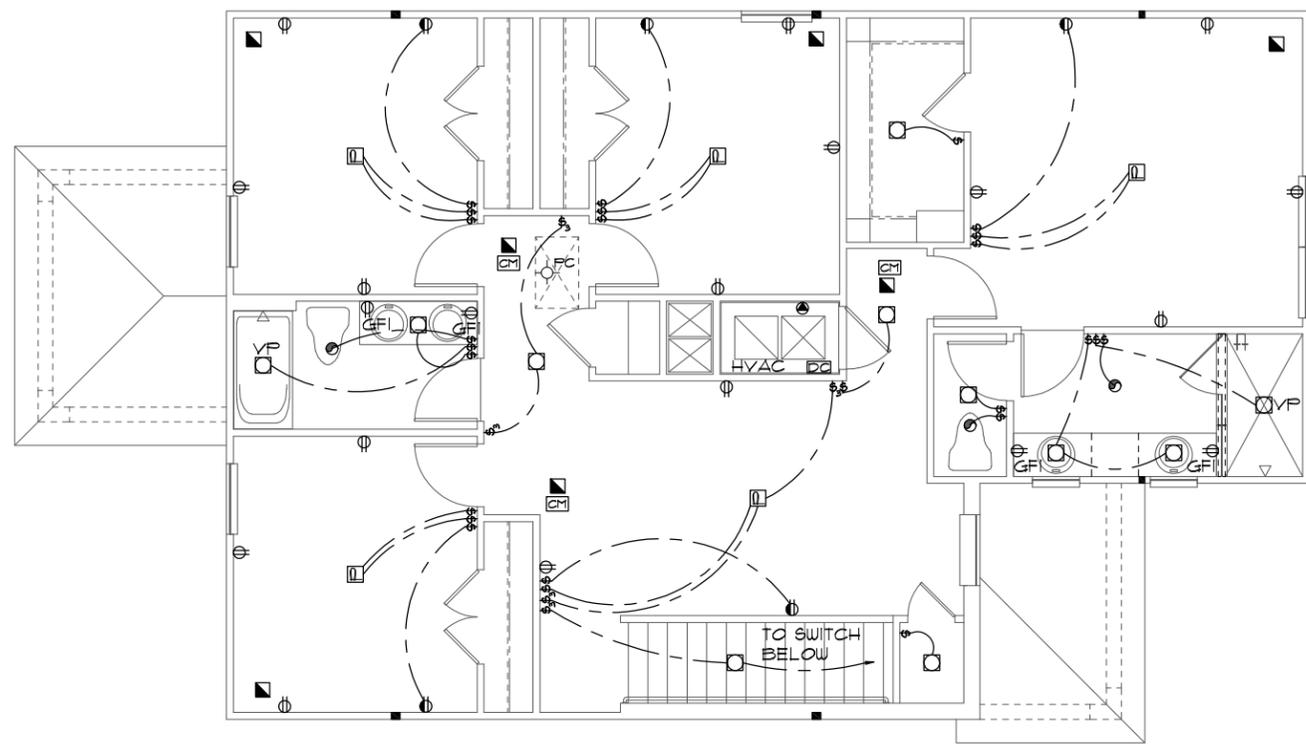
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UPPER ELECTRICAL PLAN

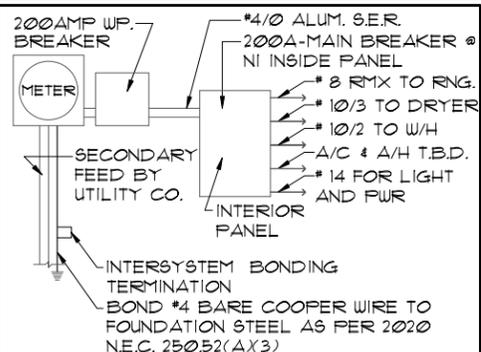
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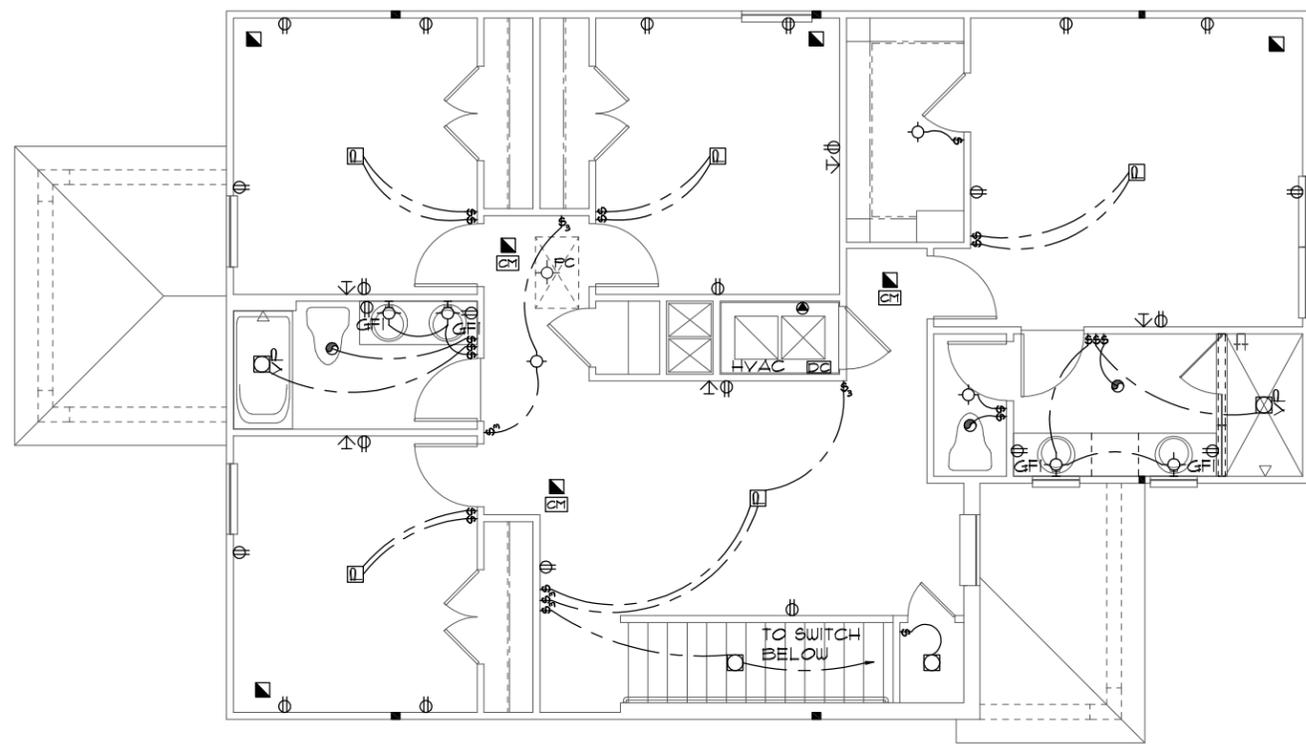
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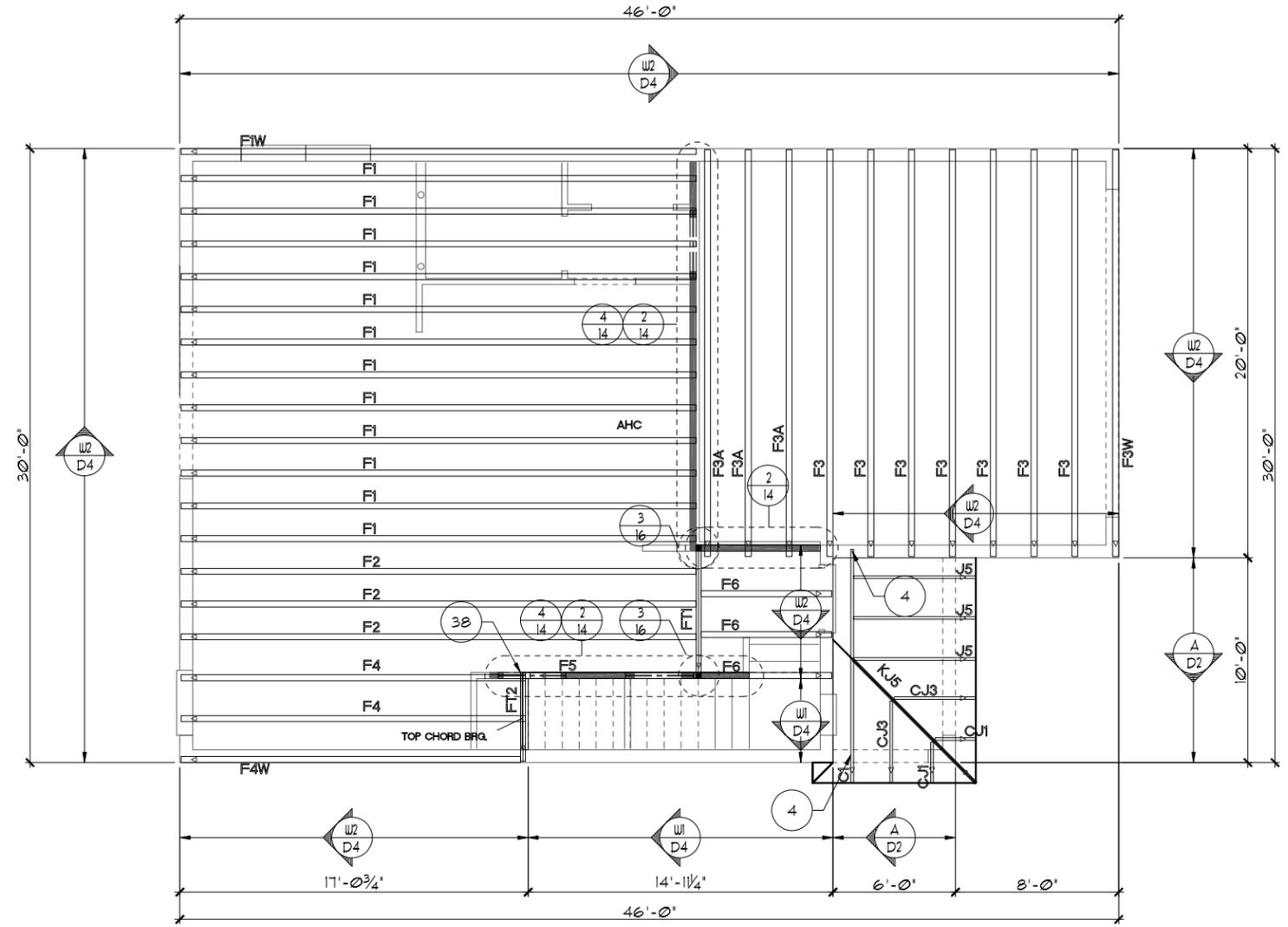
A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida, 32811 Phone: (407) 529-3000	
2034 TRIUMPH THRIVE SERIES	UPPER ELECTRICAL PLAN
DATE 06-01-22 SCALE AS NOTED DRAWN RDC JOB 2034 SHEET 10.1 OF SHEETS	REVISIONS BY

NOTES

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TRUSS LAYOUT "A"

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



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REVISIONS DATE SCALE AS NOTED DRAWN RDC JOB 2034 SHEET 11A.0 OF SHEETS	BY 06-01-22 2034 11A.0 11 OF 11



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TRUSS LAYOUT

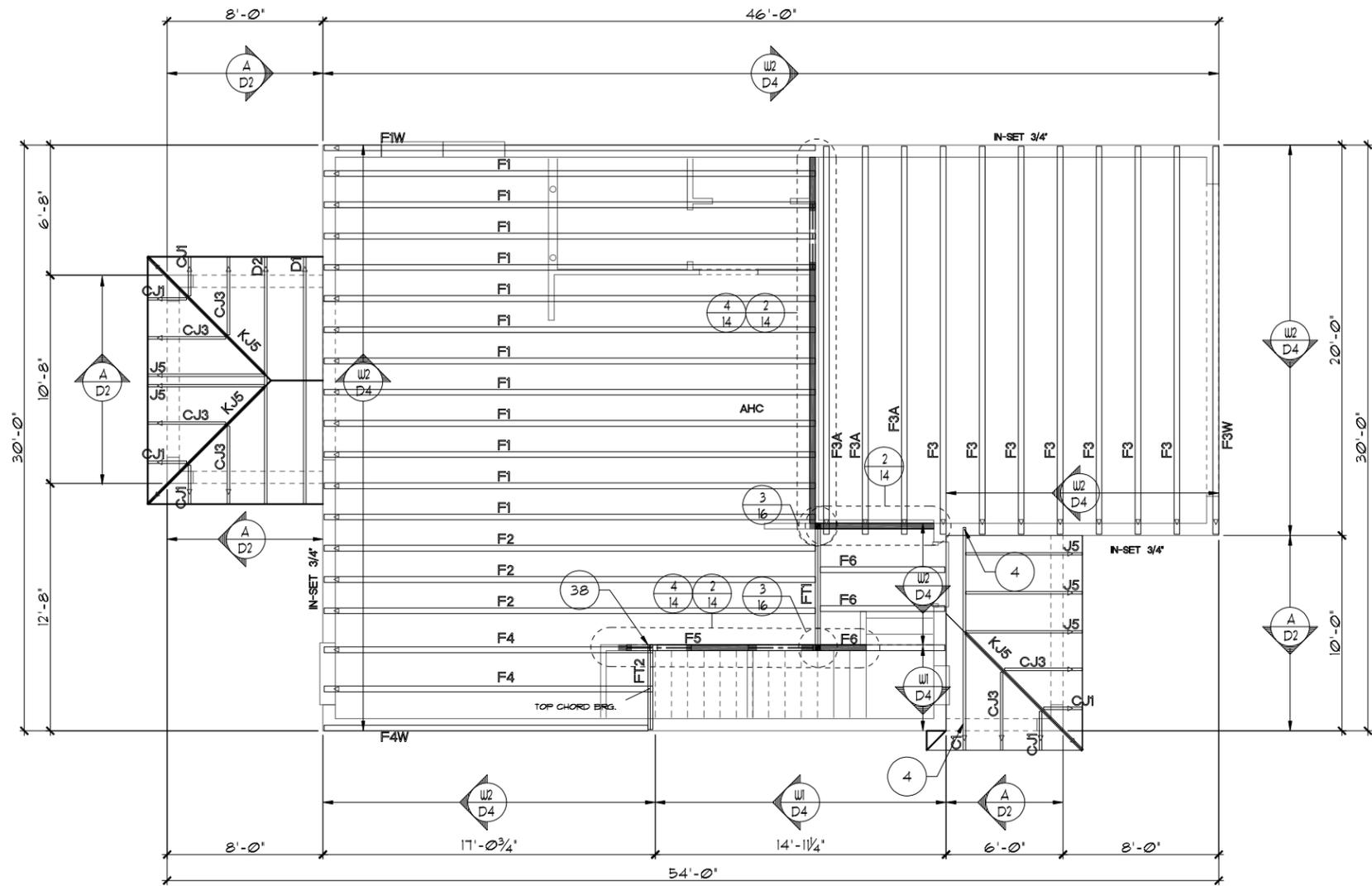
2034 TRIUMPH
 THRIVE SERIES

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LANAI OPTION

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TRUSS LAYOUT

2034 TRIUMPH
THRIVE SERIES

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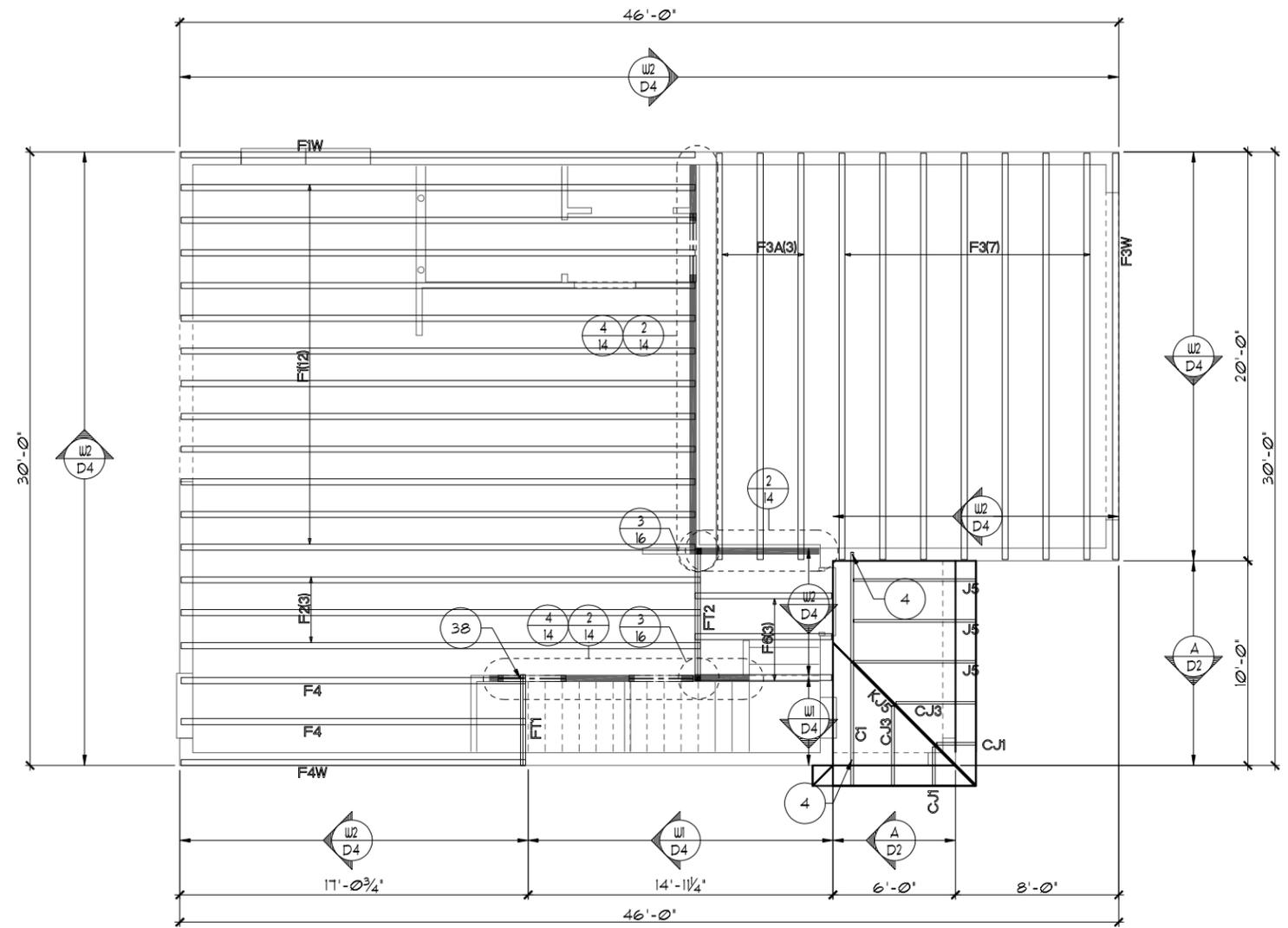
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THRIVE PRODUCT

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2034 TRIUMPH

11B.0

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Park Square HOMES

TRUSS LAYOUT

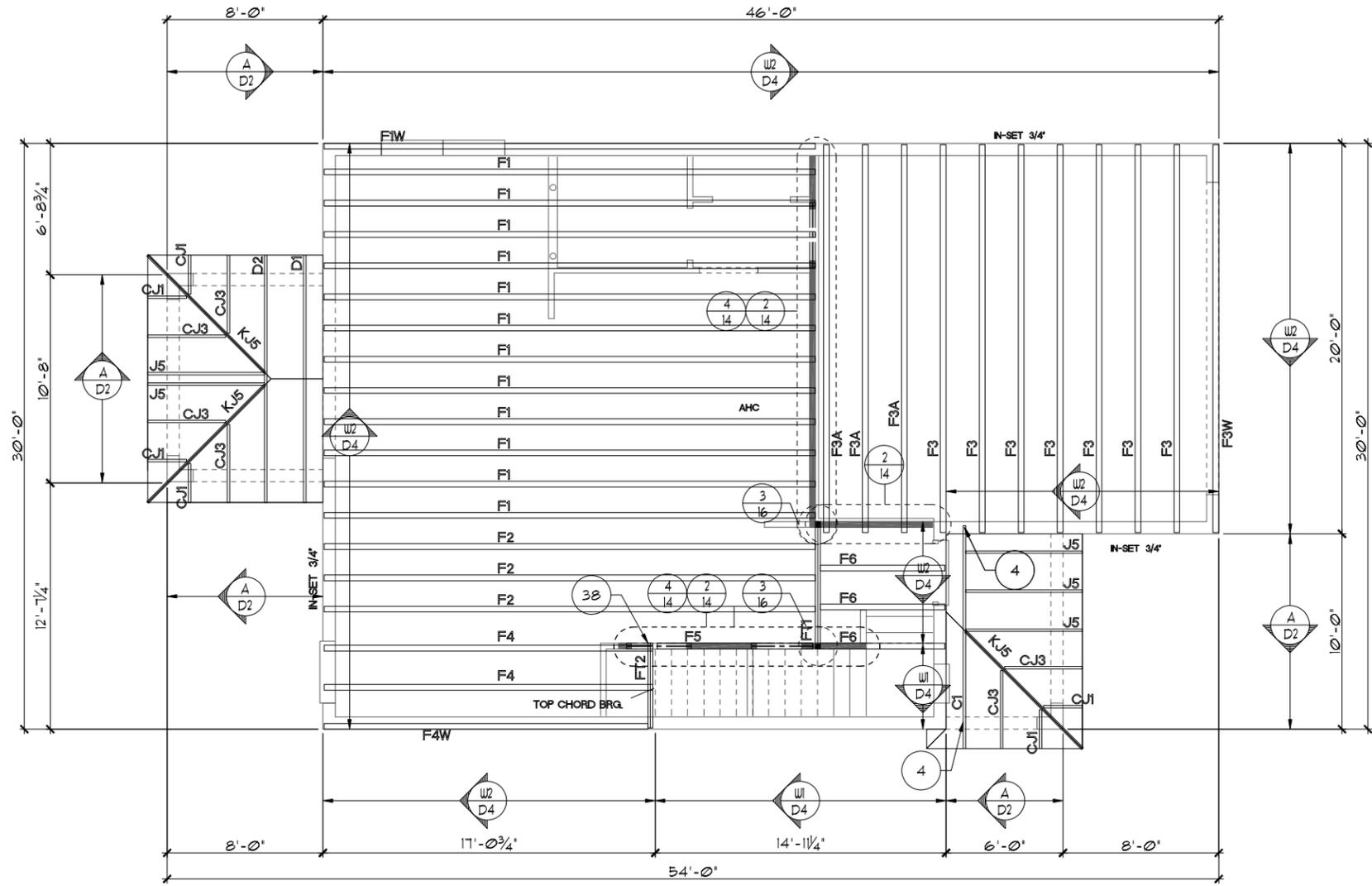
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LANAI OPTION

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JOB	2034
SHEET	11B.1
OF	11

2034 TRIUMPH
THRIVE SERIES

TRUSS LAYOUT

Park Square
HOMES

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10000 South Orange Avenue, Suite 400
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Tel: (407) 734-1400
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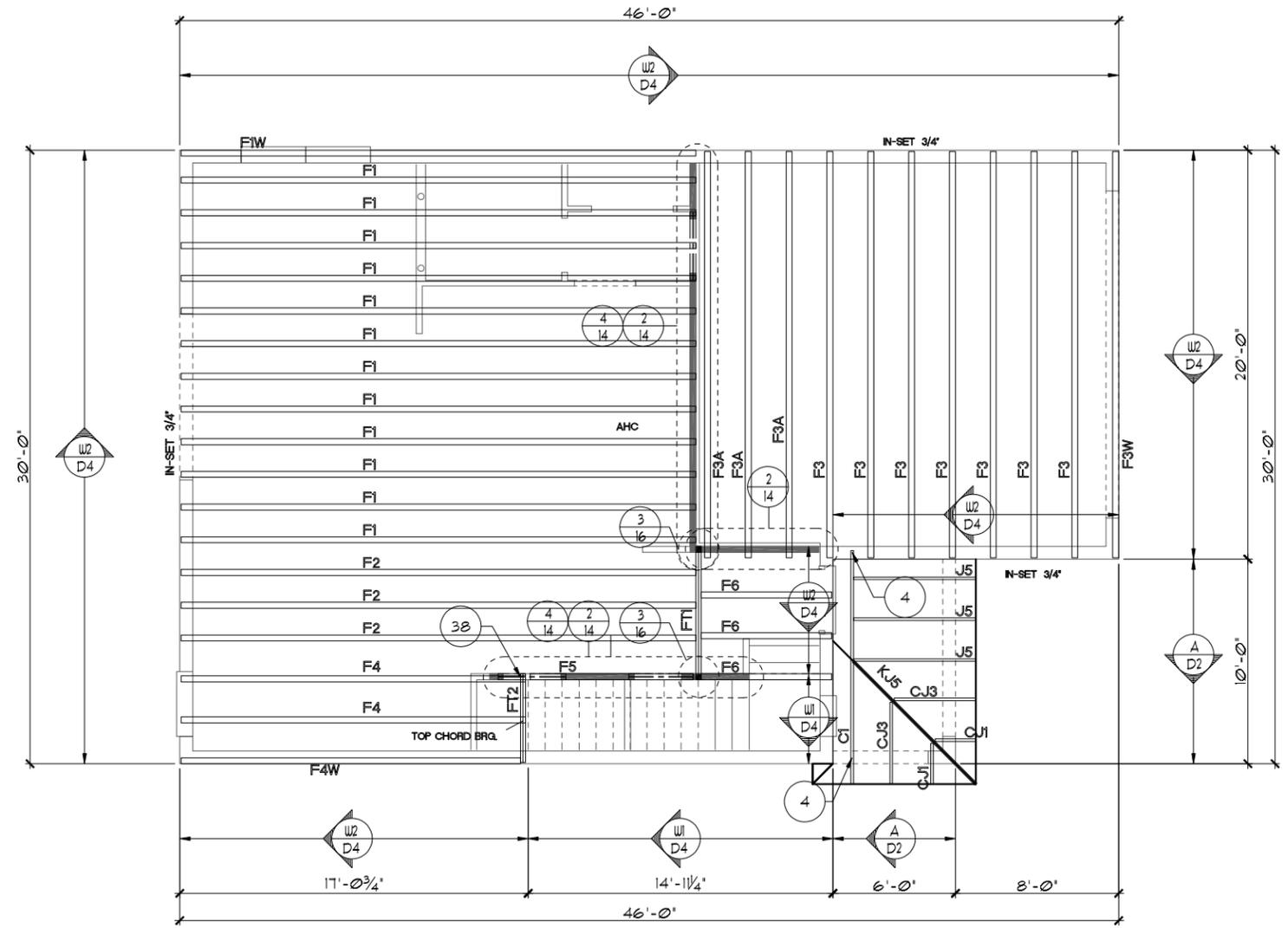
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THRIVE SERIES	
TRUSS LAYOUT	
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ITC THOMPSON ENGINEERING GROUP, INC. 10000 Lake Nona Blvd, Suite 400 Orlando, FL 32817 Tel: (407) 734-1400 Fax: (407) 734-1700 www.iteg.com	REVISIONS BY

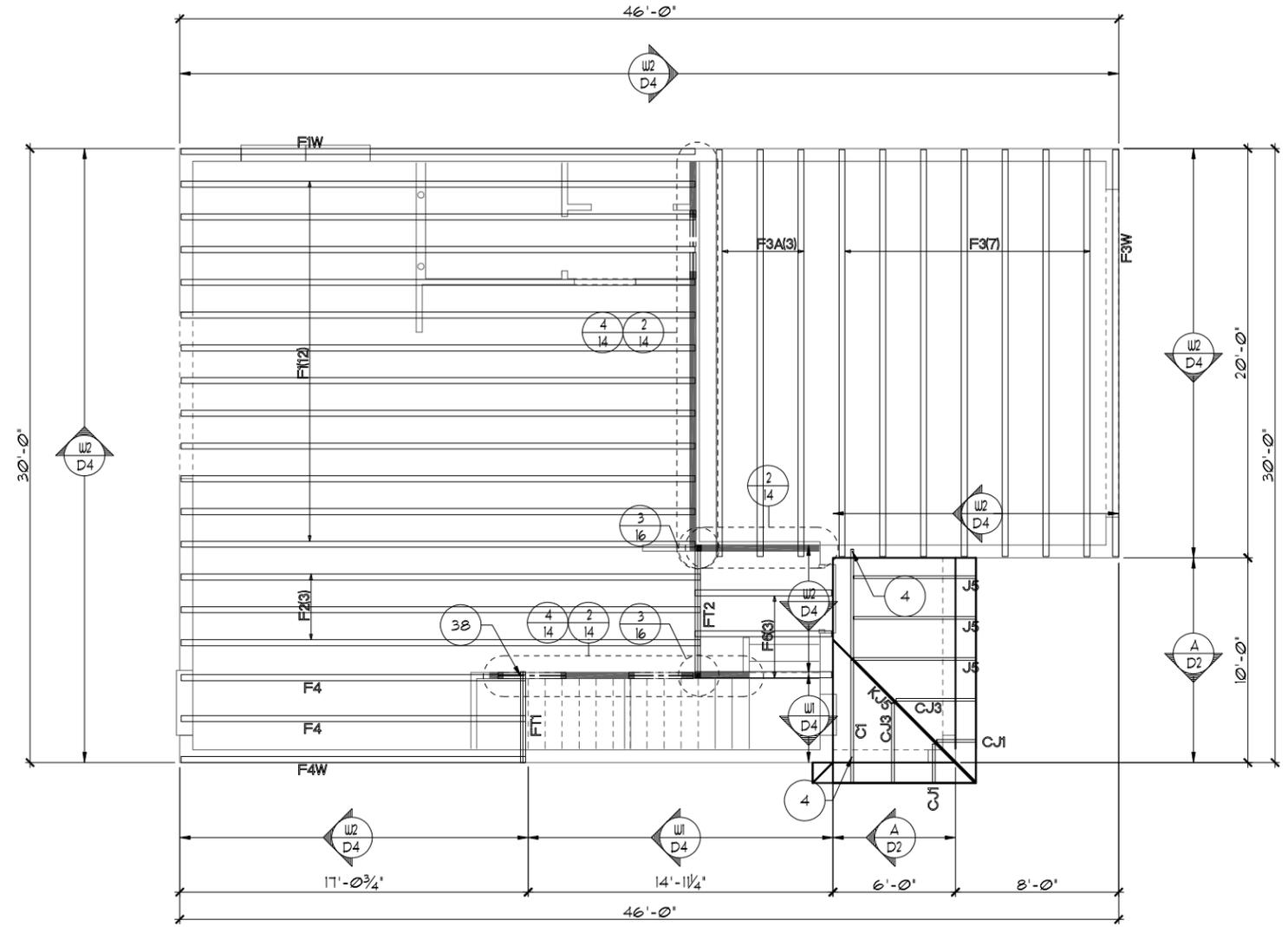
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<p>2034 TRIUMPH</p>	<p>THRIVE SERIES</p>
<p>DATE 06-01-22</p>	<p>SCALE AS NOTED</p>
<p>DRAWN RDC</p>	<p>JOB 2034</p>
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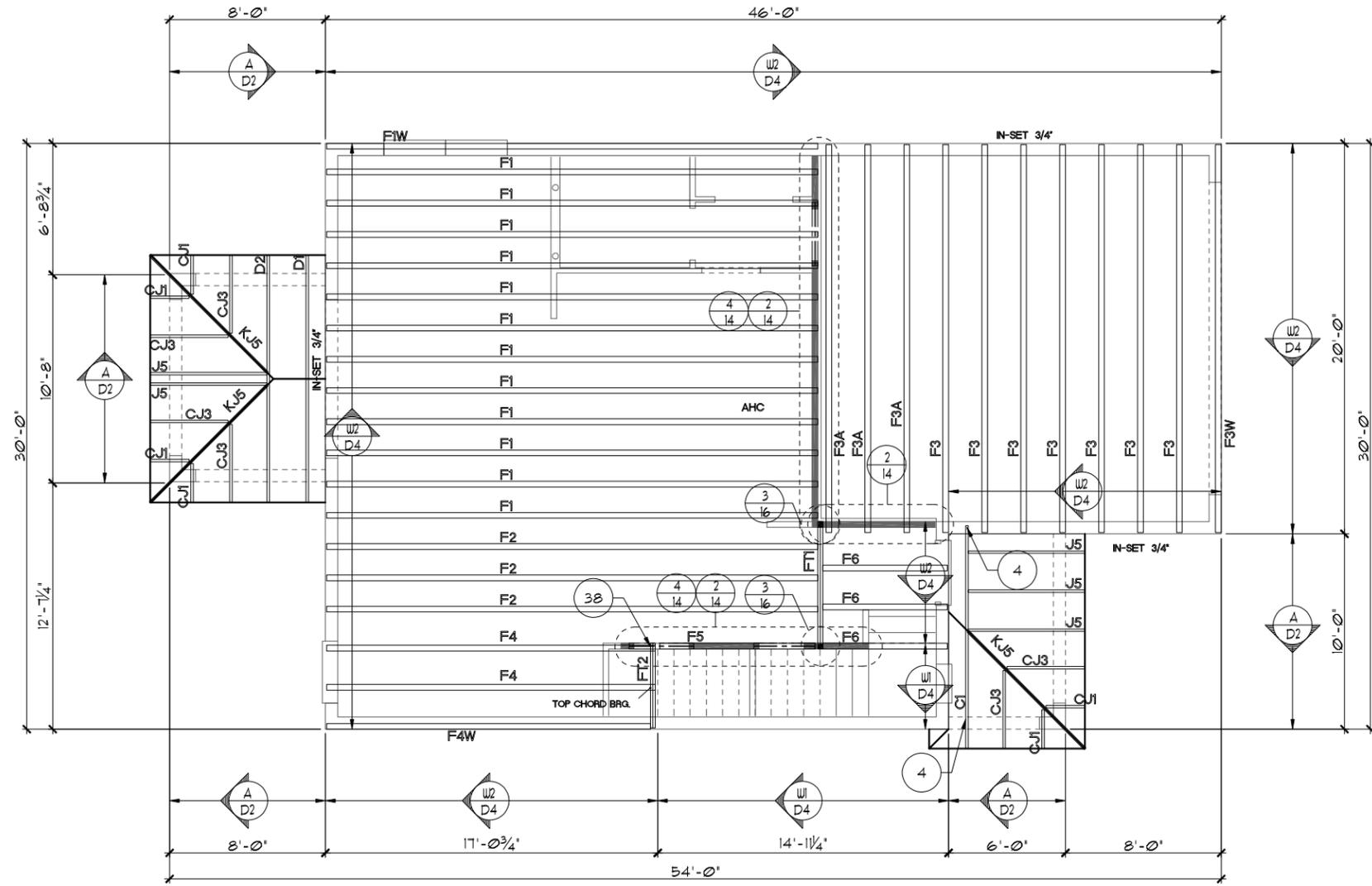
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ATTIC VENTILATION CALCULATIONS

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: $\frac{1300 \text{ SF}}{300} = 4.33\text{SF}$. NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL: ----- 170SF.
PROVIDED W/OFF RIDGE VENTS: 3 VENTS @ 85SF. /VENT.
(VENT TYPE: LOMANCO MODEL T10-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: ----- 15.66SF.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:-
(180LF. @ 0.087SF. VENTING PER LF.)

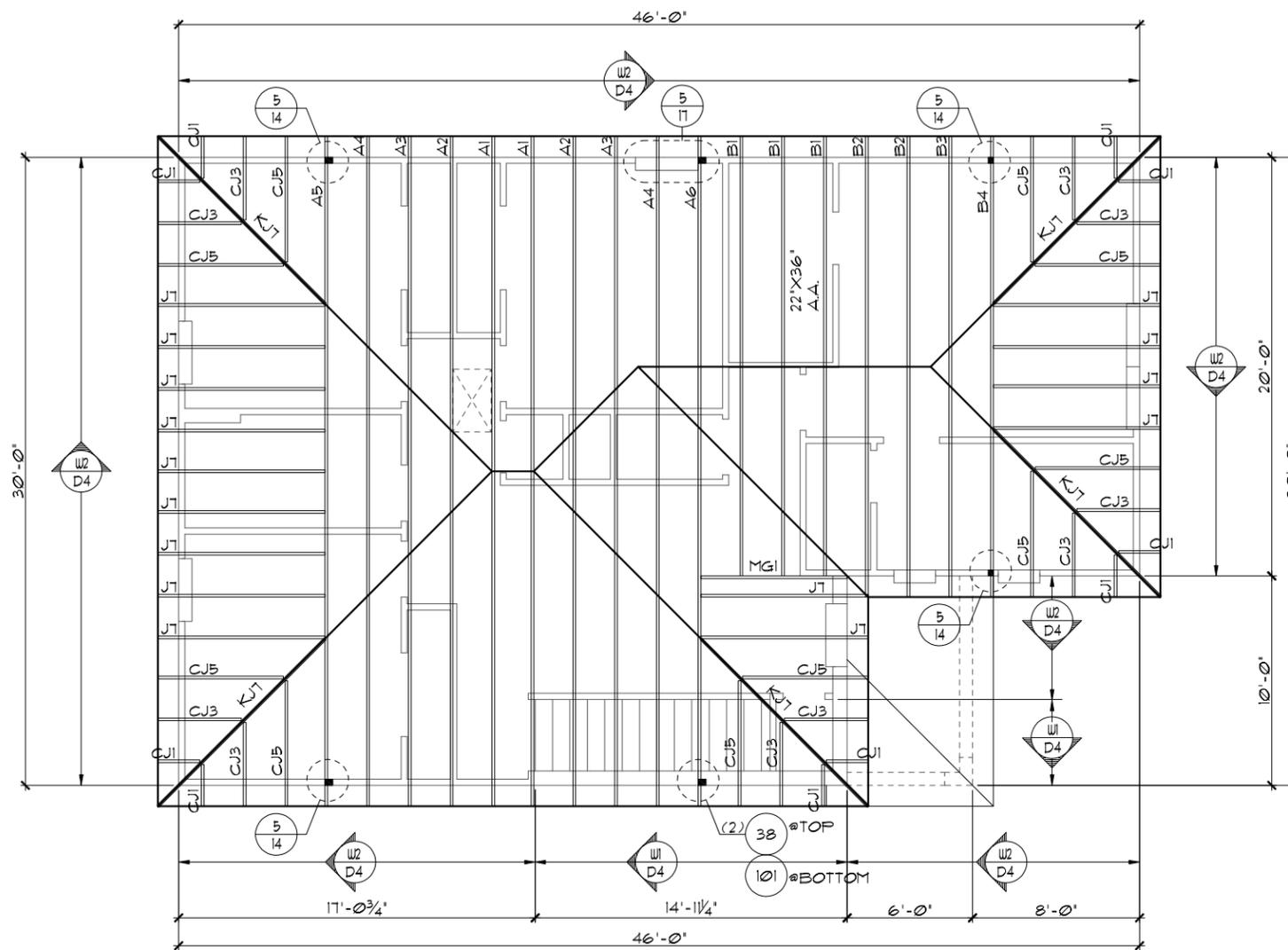
UPPER PORTION PERCENTAGE: **40%**
LOWER PORTION PERCENTAGE: **60%**

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THRIVE PRODUCT

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

Park Square HOMES

2034 TRIUMPH
THRIVE SERIES

DATE 06-01-22
SCALE AS NOTED
DRAWN RDC
JOB 2034
SHEET 12A.0
OF SHEETS

ATTIC VENTILATION CALCULATIONS

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

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

TOTAL VENTED SPACE: $\frac{1300 \text{ SF}}{300} = 4.33\text{SF}$. NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL: ----- 170SF.
PROVIDED W/OFF RIDGE VENTS: 3 VENTS @ .85SF./VENT.
(VENT TYPE: LOMANCO MODEL T10-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: ----- 15.66SF.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
(.180LF. @ 0.087SF. VENTING PER LF.)

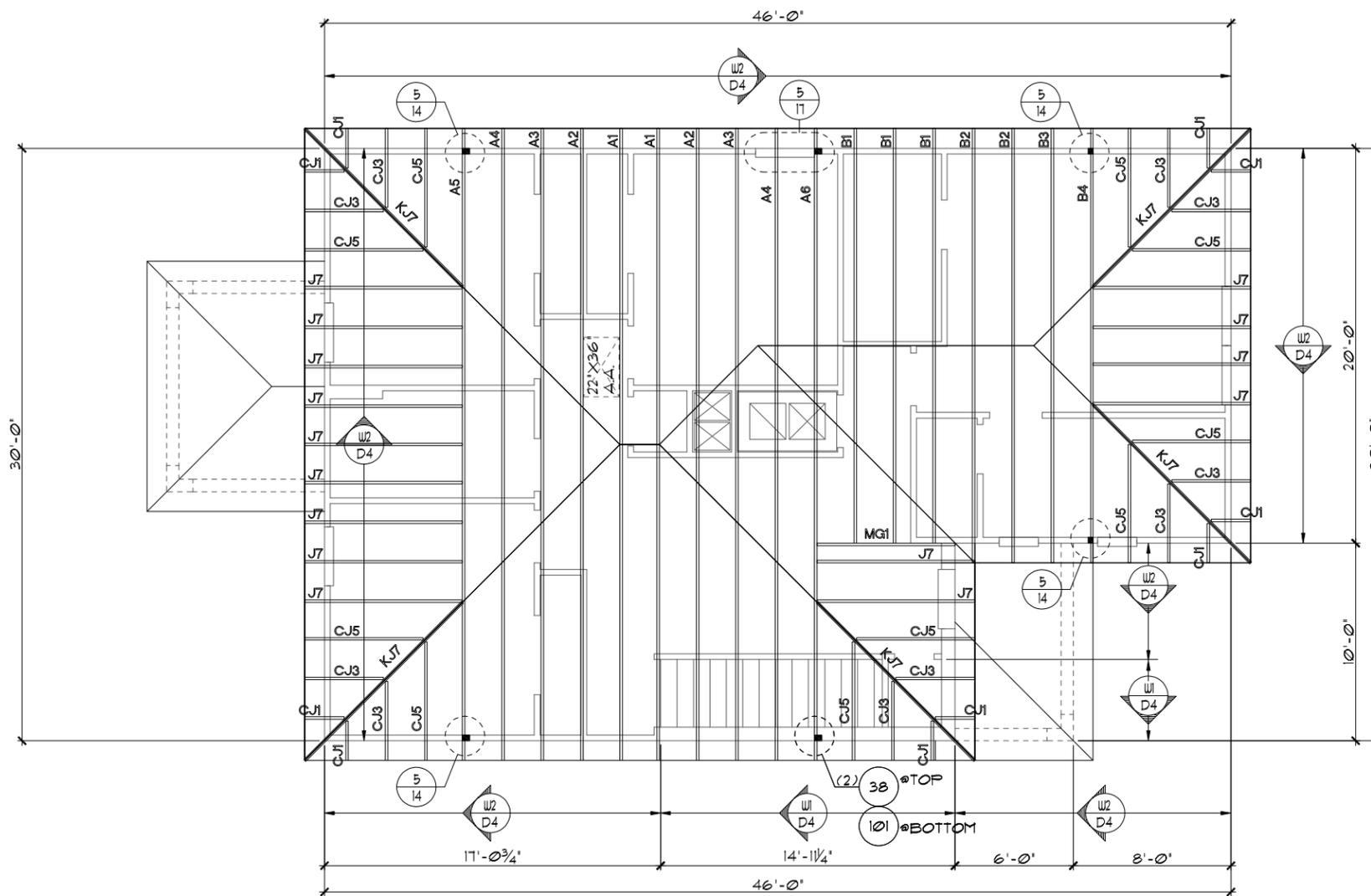
UPPER PORTION PERCENTAGE: **40%**
LOWER PORTION PERCENTAGE: **60%**

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 R305.1.1 - Underlayment materials required to comply with ASTM D226, D4869 or Type IV shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R305.1.1. Underlayment shall be applied and attached in accordance with Table R305.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :
 - LOMANCO : (2) 9 1/2" 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.

UPPER TRUSS LAYOUT "A"

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



LANAI OPTION

LOT: 000, COMMUNITY

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	2034
SHEET	12A.1
OF SHEETS	

TRUSS LAYOUT

2034 TRIUMPH
THRIVE SERIES

THRIVE PRODUCT

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Park Square HOMES

REVISIONS	BY

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

ATTIC VENTILATION CALCULATIONS

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

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

LOWER PORTION VENTILATION TOTAL: ----- 15.66S.F.
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
 (.180L.F. @ 0.087S.F. VENTING PER L.F.)

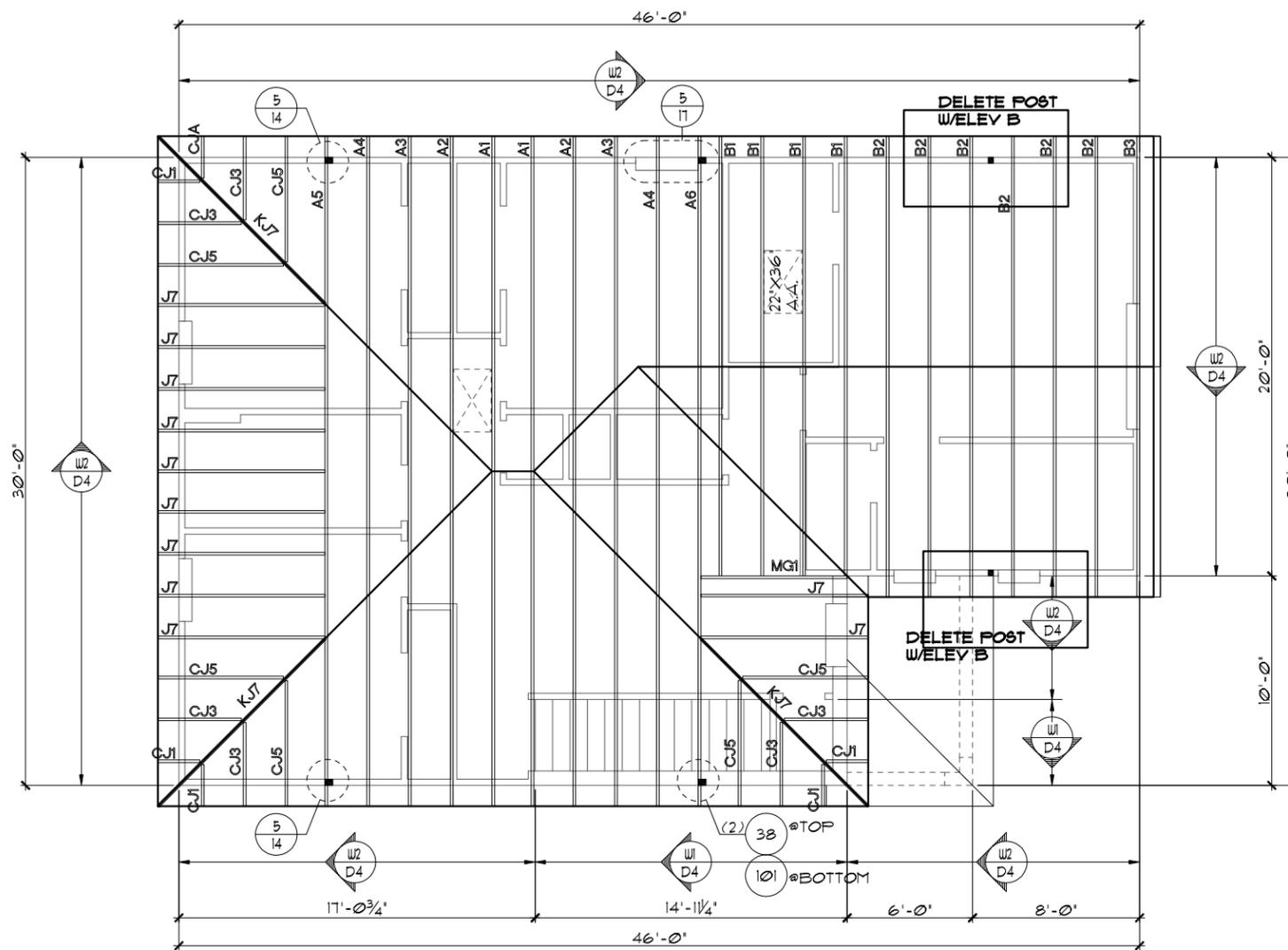
UPPER PORTION PERCENTAGE: **40%**
 LOWER PORTION PERCENTAGE: **60%**

NOTES

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UPPER TRUSS LAYOUT "B"

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



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LOT: 000, COMMUNITY

THRIVE PRODUCT

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	2034
SHEET	12B.0
OF SHEETS	3

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TRUSS LAYOUT

2034 TRIUMPH THRIVE SERIES

Park Square HOMES

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ATTIC VENTILATION CALCULATIONS

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UPPER PORTION VENTILATION TOTAL: ----- 170S.F.
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 (VENT TYPE: LOMANCO MODEL T10-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: ----- 15.66S.F.
 PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
 (.180L.F. @ 0.087S.F. VENTING PER L.F.)

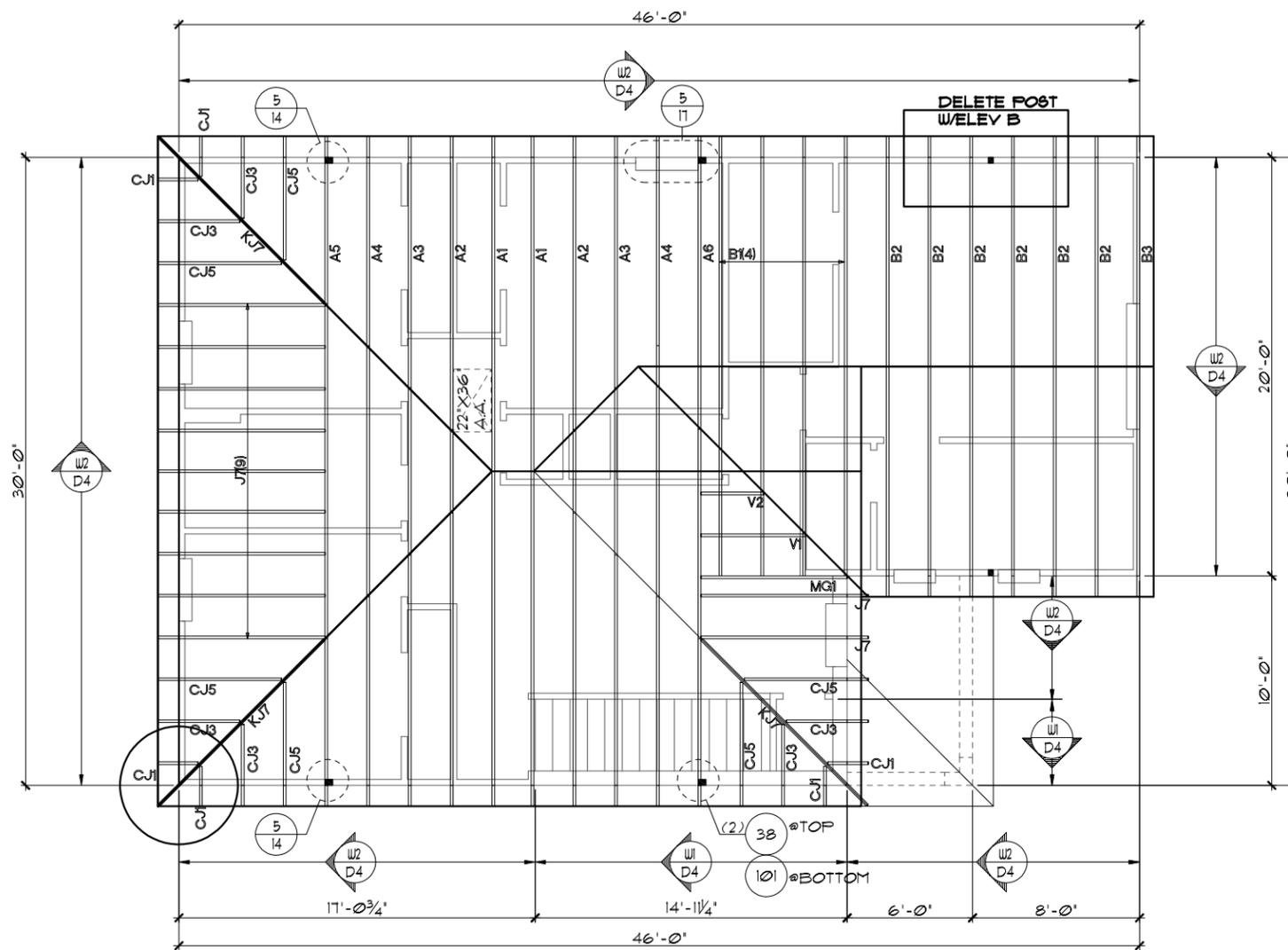
UPPER PORTION PERCENTAGE: **40%**
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NOTES

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UPPER TRUSS LAYOUT "B"

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



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Park Square HOMES		TRUSS LAYOUT
2034 TRIUMPH		THRIVE SERIES
DATE	06-01-22	
SCALE	AS NOTED	
DRAWN	RDC	
JOB	2034	
SHEET	12B.0	
OF	SHEETS	

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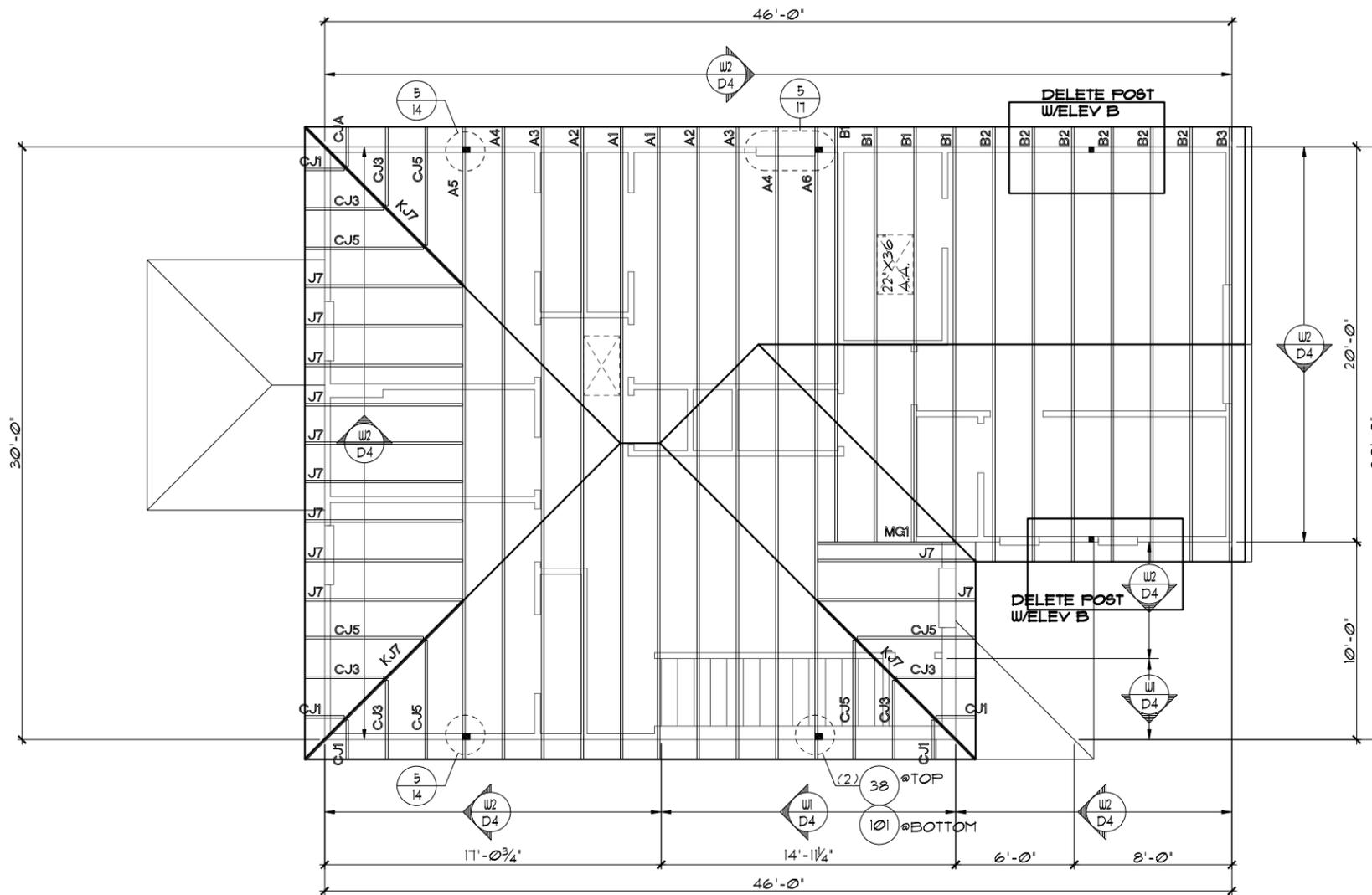
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UPPER TRUSS LAYOUT "B"

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



LANAI OPTION

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LOT: 000, COMMUNITY

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	2034
SHEET	12B.1
OF	SHEETS

THRIVE PRODUCT

REVISIONS	BY

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2034 TRIUMPH
 THRIVE SERIES

TRUSS LAYOUT

ATTIC VENTILATION CALCULATIONS

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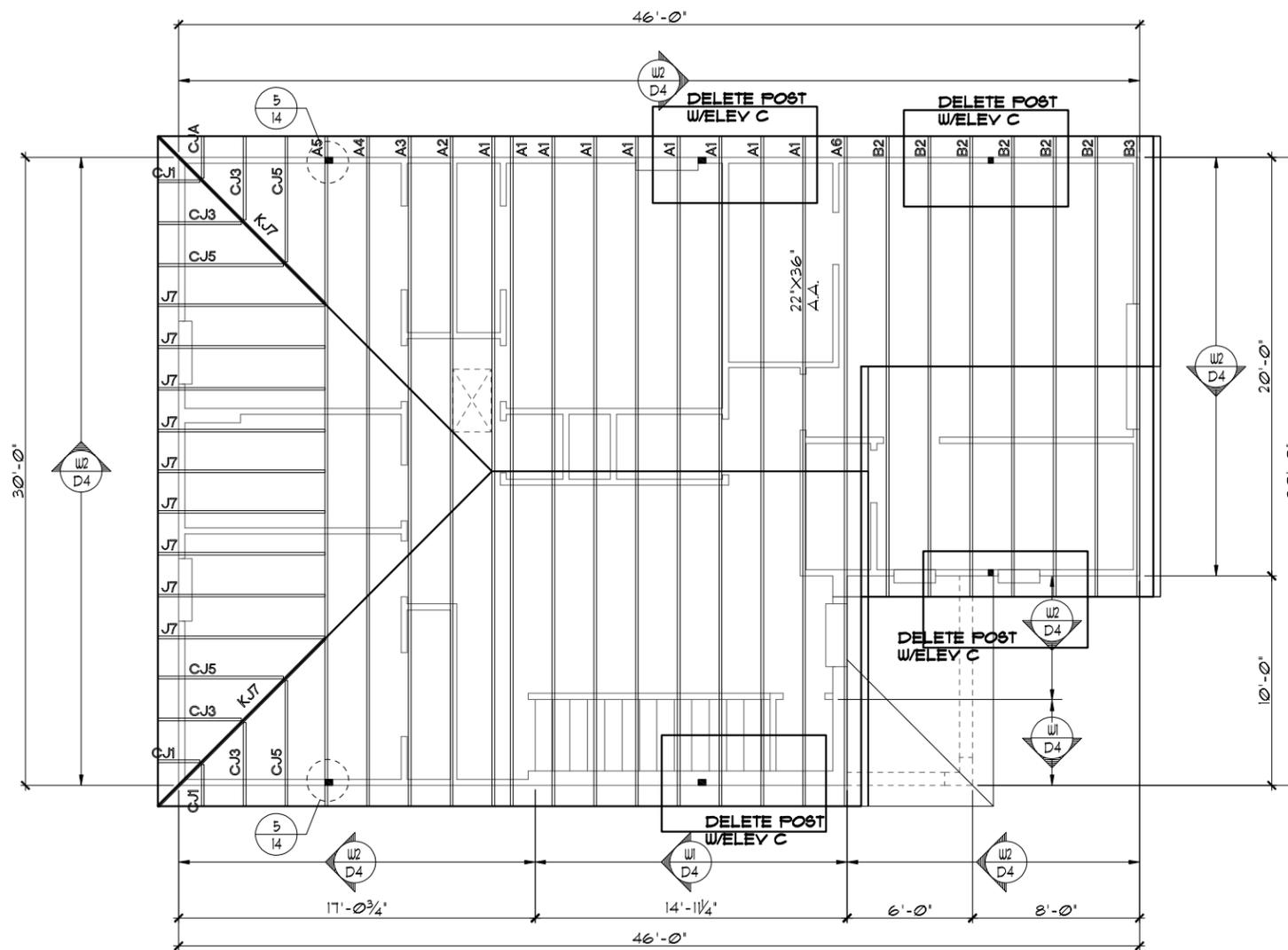
UPPER PORTION PERCENTAGE: $\frac{40\%}{60\%}$
LOWER PORTION PERCENTAGE: $\frac{60\%}{60\%}$

NOTES

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UPPER TRUSS LAYOUT "C"

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THRIVE PRODUCT

REVISIONS	BY

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12C.0
OF SHEETS

2034 TRIUMPH
THRIVE SERIES

DATE 06-01-22
SCALE AS NOTED
DRAWN RDC
JOB 2034
SHEET

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Park Square HOMES

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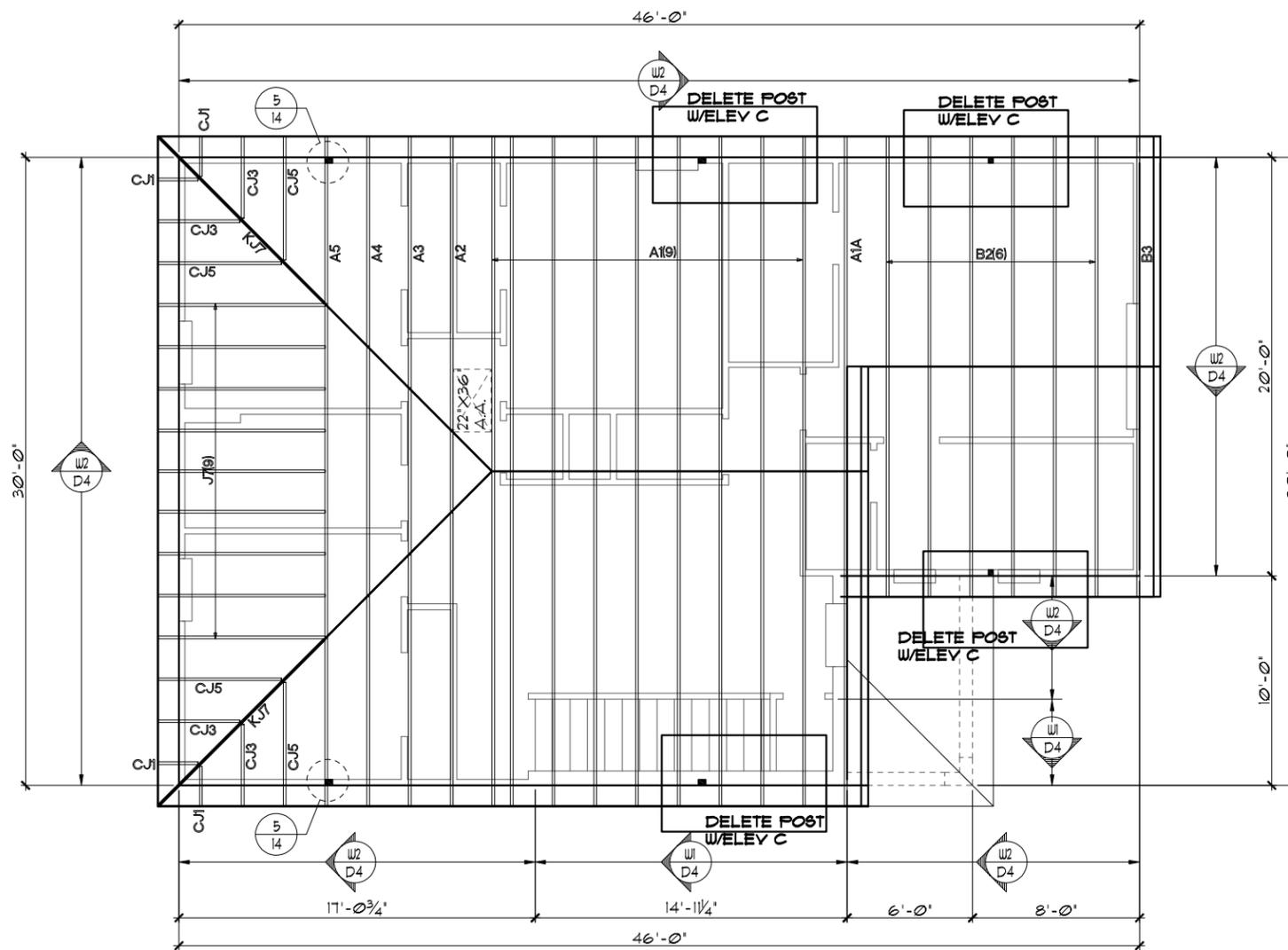
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LOT: 000, COMMUNITY

THRIVE PRODUCT

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	2034
SHEET	12C.0 OF 12 SHEETS
2034 TRIUMPH	THRIVE SERIES
TRUSS LAYOUT	
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PARK SQUARE HOMES	
IITEG THOMPSON ENGINEERING GROUP, INC. 10000 Lake Nona Blvd., Suite 100 Lake Nona, FL 32159 Tel: (407) 734-1400 Fax: (407) 734-1790 www.iiteg.com	
REVISIONS	BY

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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: $\frac{1300 \text{ SF.}}{300} = 4.33\text{SF.}$ NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL: ----- 170SF.
PROVIDED W/OFF RIDGE VENTS: 3 VENTS @ .85SF./VENT.
(VENT TYPE: LOMANCO MODEL T10-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: ----- 15.66SF.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
(.180LF. @ 0.087SF. VENTING PER LF.)

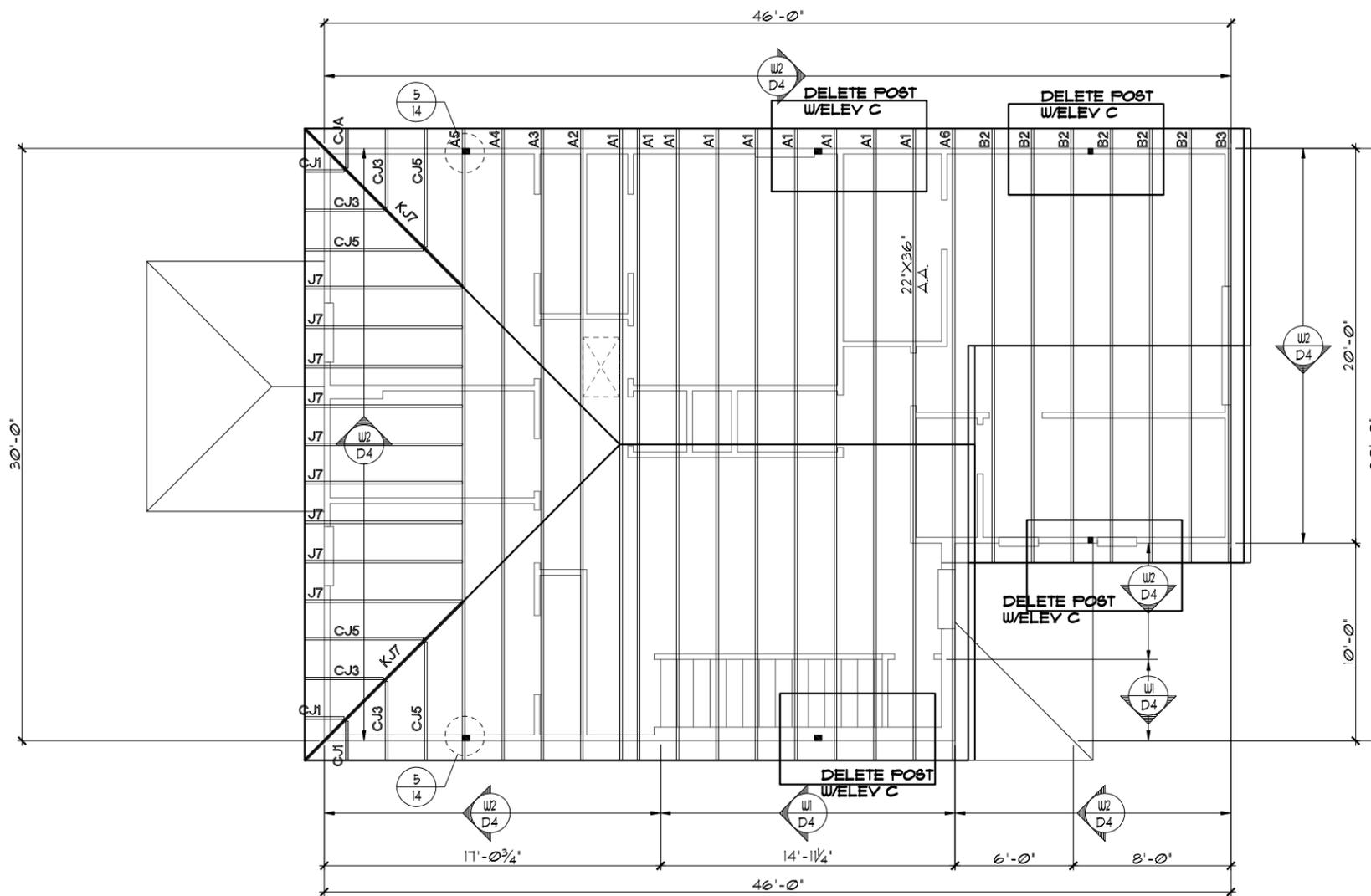
UPPER PORTION PERCENTAGE: 40%
LOWER PORTION PERCENTAGE: 60%

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

UPPER 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: 000, COMMUNITY

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	2034
SHEET	12C.1
OF SHEETS	1

TRUSS LAYOUT

2034 TRIUMPH
THRIVE SERIES

THRIVE PRODUCT

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

Park Square HOMES

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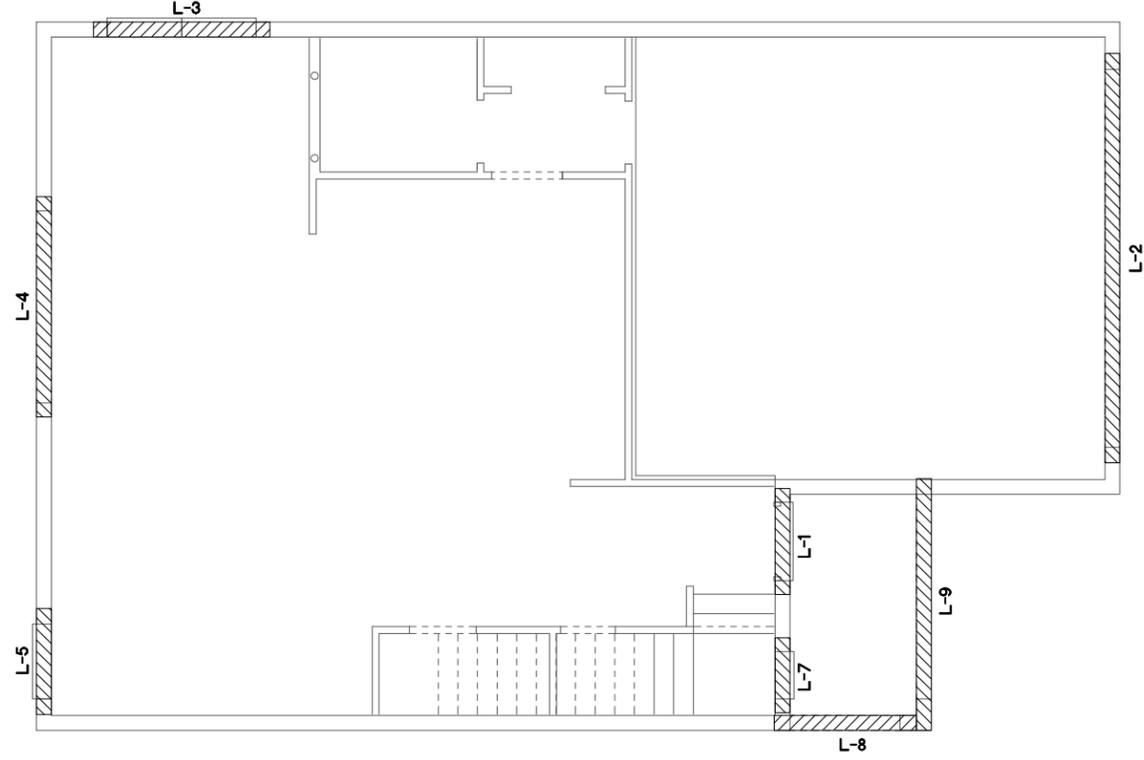
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ROBINSON ENGINEERING GROUP, INC.
10000 W. Colonial Ave., Suite 100
Orlando, FL 32817
Tel: (407) 734-1400
Fax: (407) 734-1700
www.rdc.com

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	11'-4"	8F32-1B/IT	GARAGE DOOR
L 3	1'-6"	8F16-0B/IT	FR SH25
L 4	9'-4"	8F16-0B/IT	8/0X8/0 SGD.
L 5	4'-6"	8F16-0B/IT	SH25
L 6			
L 7	3'-6"	8F16-0B/IT	2/0X3/0 F.G.
L 8	5'-10"	8F16-0B/IT	FRONT ENTRY
L 9	10'-6"	8F16-0B/IT	FRONT ENTRY
L 10			
L 11			
L 12			
L 13			
L 14			
L 15			
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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SHEET
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PRE CAST LINTEL LAYOUT

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Square
HOMES

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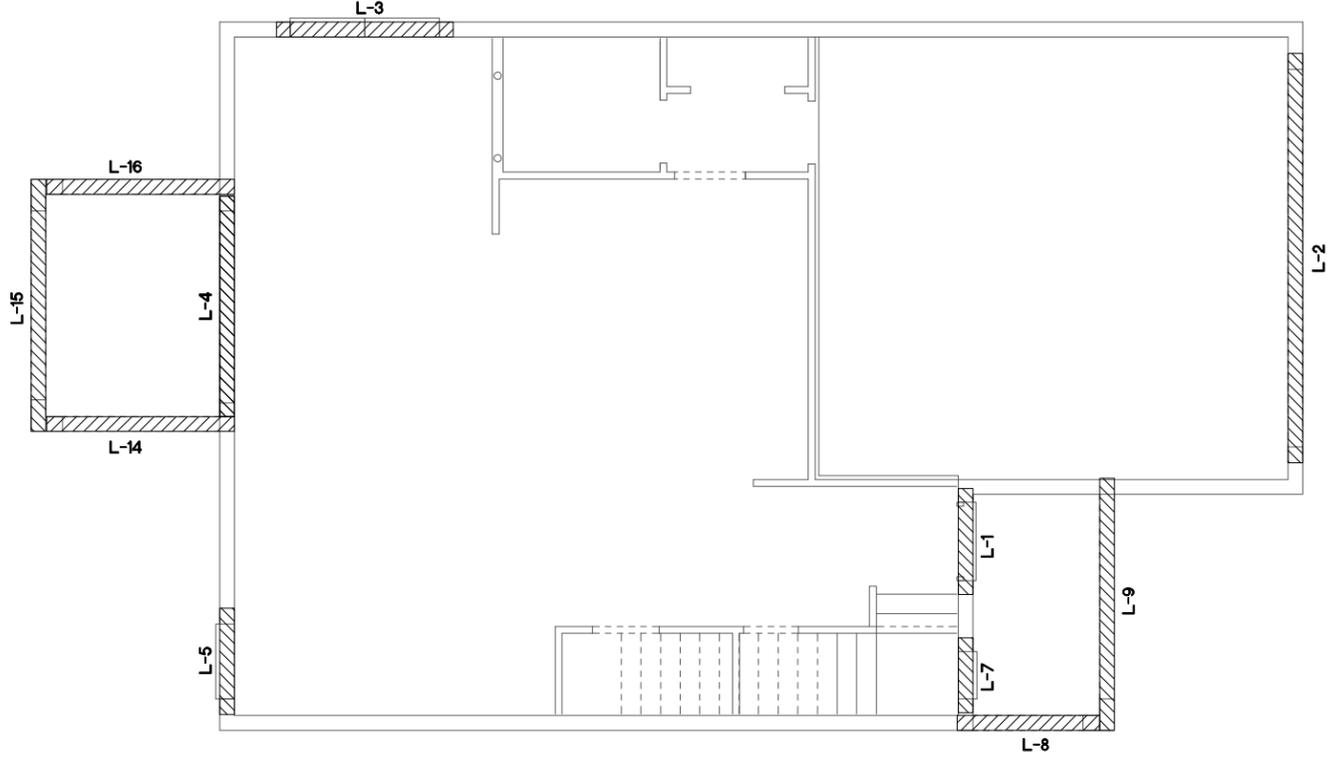
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CAST CRETE / LOTT'S / WEKIWA / FLORIDA ROCK LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	4'-6"	8F12-0B/1T	3080 FRONT DOOR
L 2	11'-4"	8F32-1B/1T	GARAGE DOOR
L 3	7'-6"	8F16-0B/1T	FR 5H25
L 4	9'-4"	8F16-0B/1T	8/0X8/0 SGD.
L 5	4'-6"	8F16-0B/1T	5H25
L 6			
L 7	3'-6"	8F16-0B/1T	2/0X3/0 F.G.
L 8	5'-10"	8F16-0B/1T	FRONT ENTRY
L 9	10'-6"	8F16-0B/1T	FRONT ENTRY
L 10			
L 11			
L 12			
L 13			
L 14	8'-0"	8F16-0B/1T	LANAI
L 15	10'-8"	8F16-0B/1T	LANAI
L 16	8'-0"	8F16-0B/1T	LANAI
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)



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

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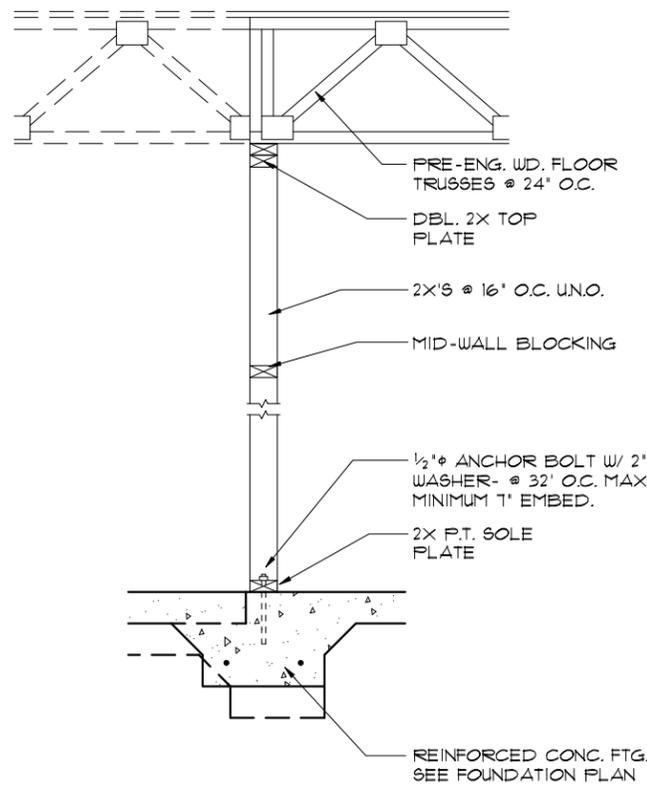
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Park Square HOMES

PRE CAST LINTEL LAYOUT

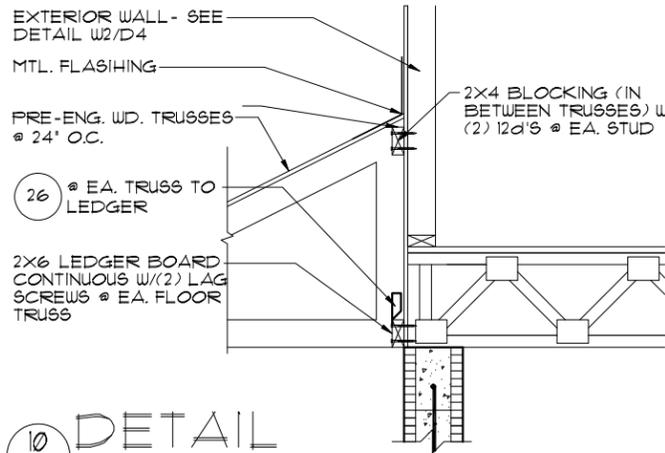
2034 TRIUMPH
THRIVE SERIES

DATE 06-01-22
SCALE AS NOTED
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JOB 2034
SHEET
13.1
OF SHEETS



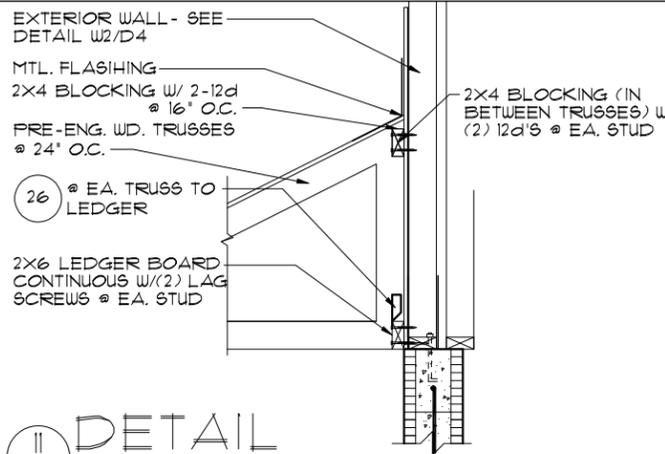
4 DETAIL

14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



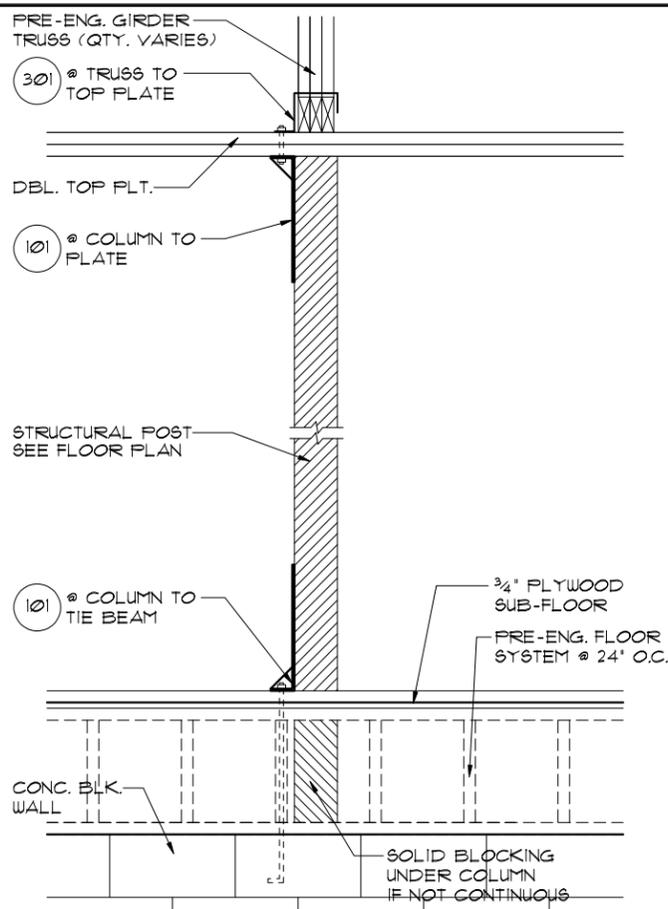
10 DETAIL

14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



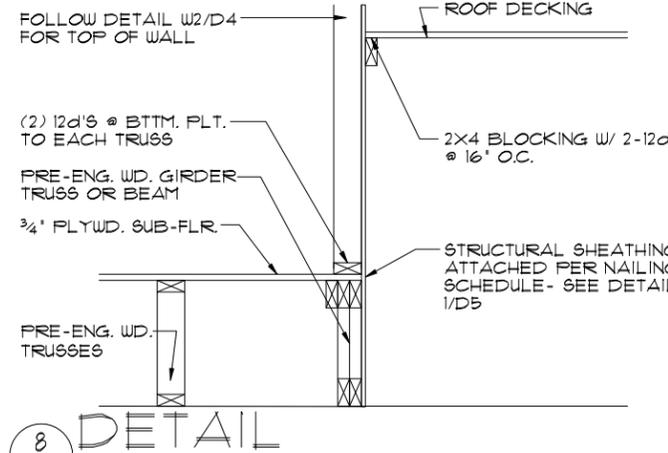
11 DETAIL

14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



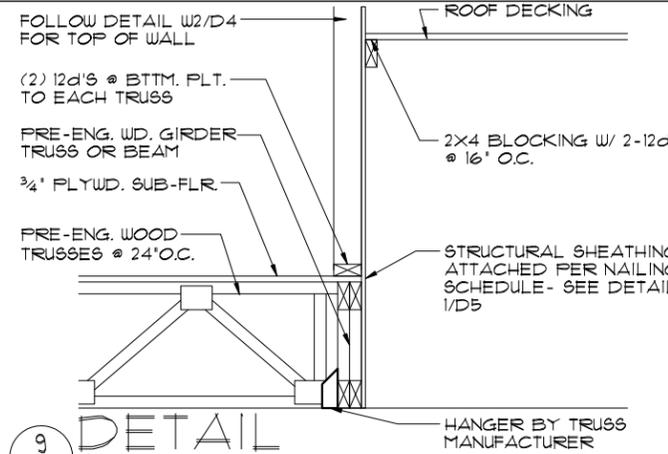
3 DETAIL

14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



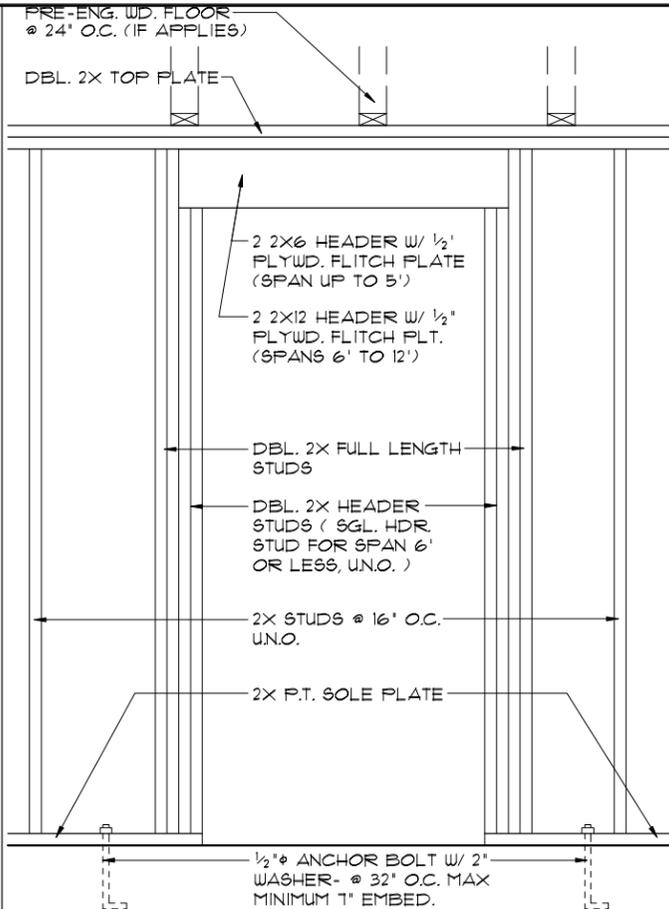
8 DETAIL

14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



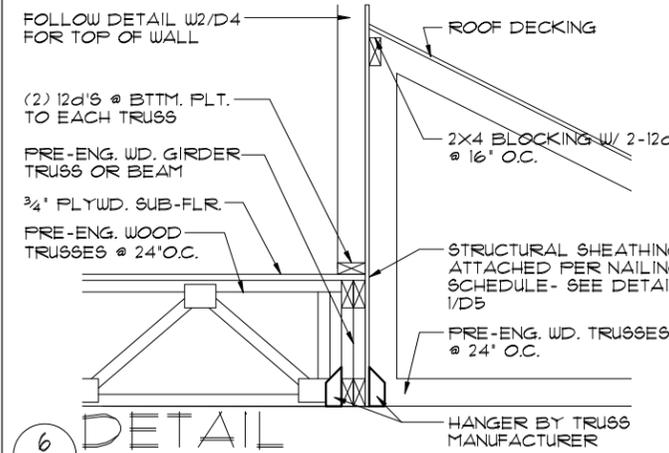
9 DETAIL

14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



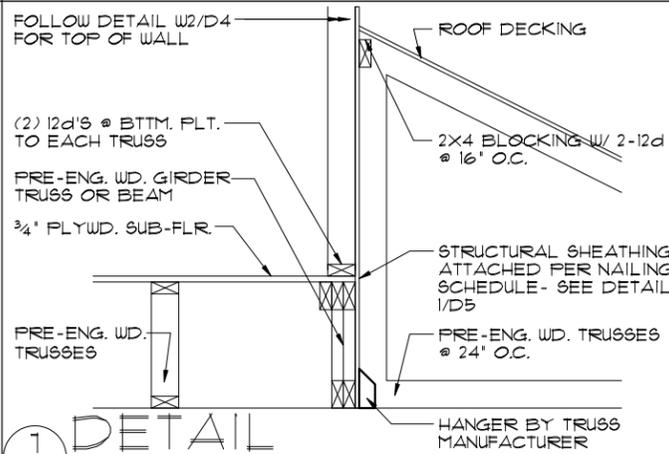
2 DETAIL

14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



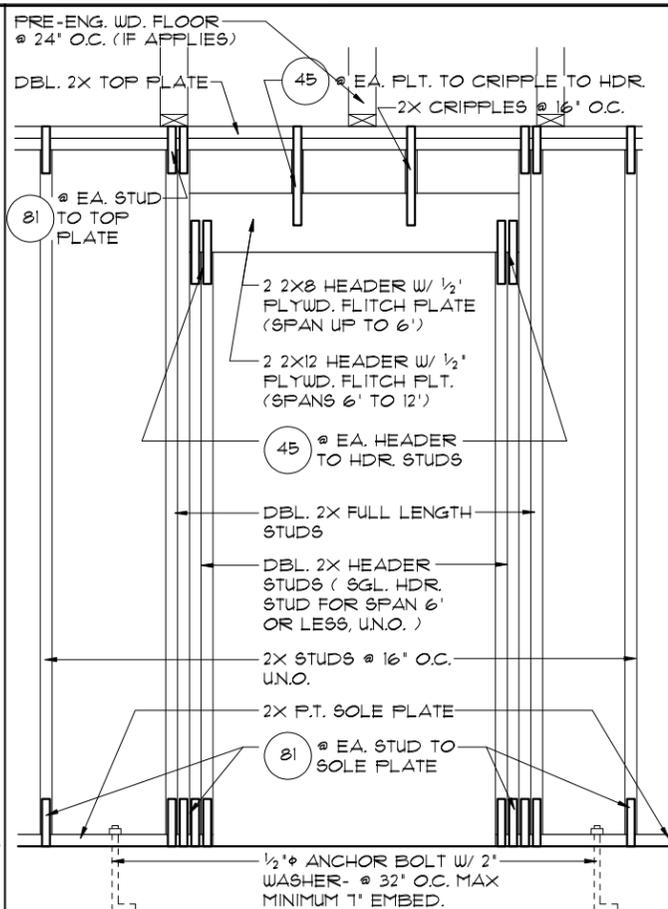
6 DETAIL

14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



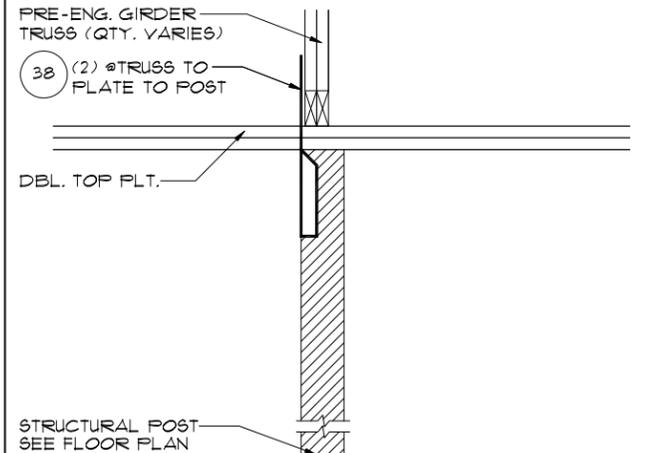
7 DETAIL

14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



1 DETAIL

14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)



5 DETAIL

14 1/2'-1'-0" (11X17) 1'-1'-0" (22X34)

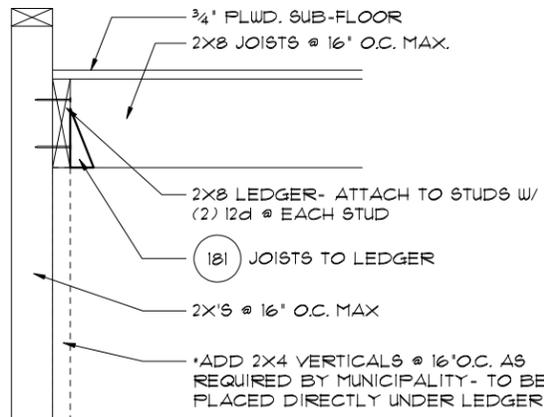
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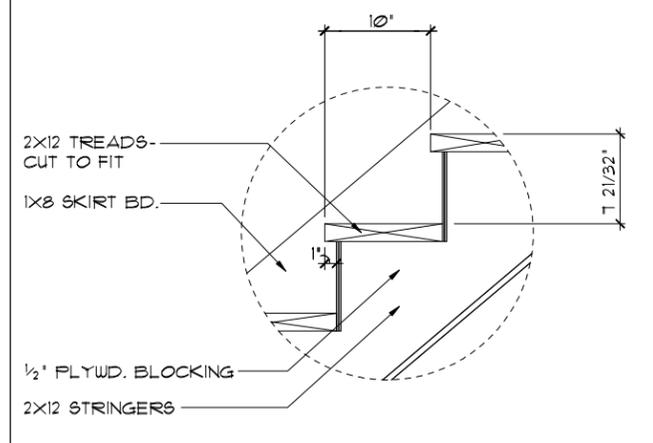
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Park Square HOMES		
2034 TRIUMPH THRIVE SERIES		
DATE	06-01-22	
SCALE	AS NOTED	
DRAWN	RDC	
JOB	2034	
SHEET	14	
OF	SHEETS	

THRIVE PRODUCT

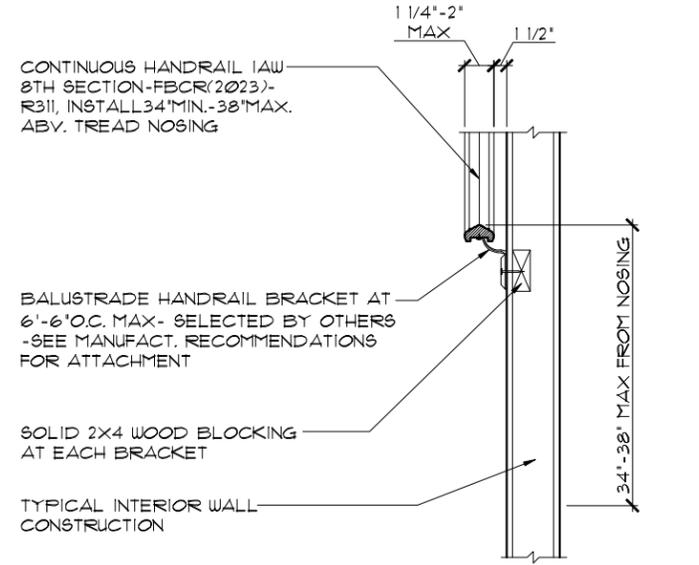


4 TYP. STAIR CONNECT. 3/4" = 1'-0" (11X17) 1 1/2" = 1'-0" (22"X34") PLATFORM FRAMING

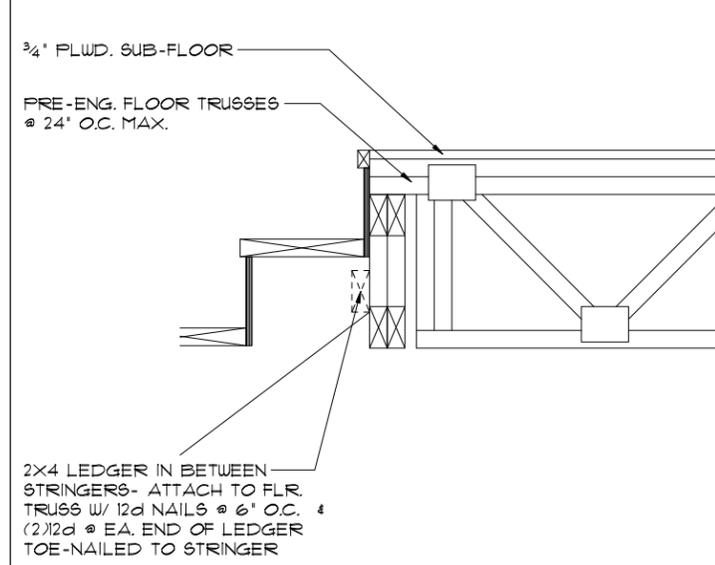


DATA: TOTAL RISE: 10'-8 3/4" (17 RISERS @ 1 9/16" EA.)
TOTAL RUN: 13'-4" (16 TREADS @ 10" EA.)

1 STAIR DETAIL 3/4" = 1'-0" (11X17) 1 1/2" = 1'-0" (22"X34") STAIR DATA



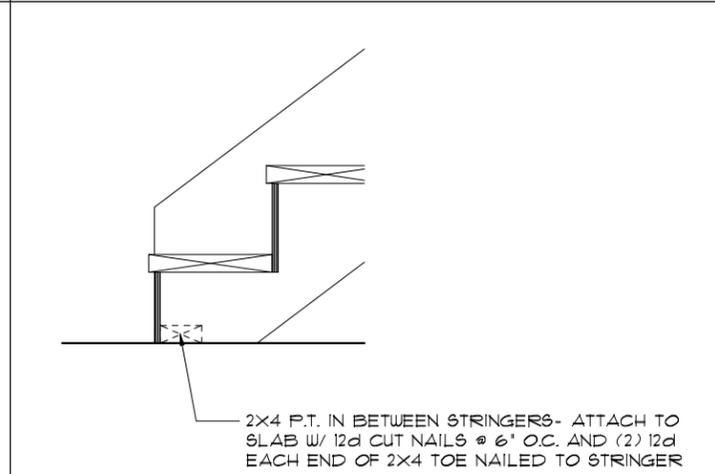
5 TYP. HANDRAIL DET. 3/4" = 1'-0" (11X17) 1 1/2" = 1'-0" (22"X34")



2 TYP. STAIR CONNECT. 3/4" = 1'-0" (11X17) 1 1/2" = 1'-0" (22"X34") STRINGER TO FLOOR TRUSS

NOTES:
STAIRWAY CONSTRUCTION TO CONFORM TO FBCR 2023, 8 TH EDITION SECTION R311.1

MAX. HGT. OF RISER TO BE NOT MORE 7 3/4". WIDTH OF TREAD TO BE 9" (EXCLUSIVE OF NOSING) ALL TREADS LESS THAN 10" IN WIDTH SHALL HAVE APPROX. 1" OF NOSING 3/16" MAX. VARIATION IN RISERS/TREADS ADJACENT TO EACH OTHER 3/8" MAX. VARIATION IN ANY RISER/TREAD HAND RAIL CIRCULAR CROSS SECTION DIA. TO BE 1/4" - 2" OR TO PROVIDE EQUIVALENT GRASPABILITY. WINDERS: MIN. 6" WIDE @ NARROW END 34" MIN. - 38" MAX., HANDRAIL HGT. HEADROOM CLEARANCE MIN. 6'-8"



3 TYP. STAIR CONNECT. 3/4" = 1'-0" (11X17) 1 1/2" = 1'-0" (22"X34") STRINGER TO FLOOR

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
22	H10S	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	990	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	PLT / STD: 10-8d	RT1	PLT / STD: 13-10d	415	150 / 150
35	A35F	RFT: 5-8d / PLT: 5-8d	RT1	RFT: 5-8d / PLT: 5-8d	440	440 / N/A
37	MTS12	H: 4-8dx1 1/2" / P: 4-8dx1 1/2"	MPAIF	H: 6-8dx1 1/2" / P: 6-8dx1 1/2"	1,000	N/A
38	MTS16	14-10d	MTW12	14-10d	1,000	N/A
39	MTSM16	BLK: (4) 1/4" x 2 1/4" T.C. TRUSS: (7) 10d	MTW16	BLK: (4) 1/4" x 2 1/4" T.C. TRUSS: (7) 10d	860	N/A
43	LSTA12	10-10d	LSTA12	10-10d	905	N/A
44	HGA10	RFT / 4-SDS 1/4" x 1 1/2" PLT / 4-SDS 1/4" x 3"	N/A	N/A	500	840/675
45	ST18	14-16d	ST18	14-16d	1,200	N/A
47	LSTA24	18-10d	LSTA24	18-10d	1,295	N/A
71	MSTA36	26-10d	MSTA36	26-10d	2,135	N/A
72	MSTC66	64-16d SINKERS	N/A	N/A	5,495	N/A
79	SF1	STD: 6-10d / PLT: 4-10d	SPT22	STD: 4-10d / PLT: 4-10d	535	560 / 260
80	SF2	STD: 6-10d / PLT: 6-10d	SPT224	STD: 6-10d / PLT: 6-10d	605	560 / 260
81	SPH468	12-10d x 1 1/2" STD 6-10d / 9-10dx1 1/2"	TP46,48	12-10d x 1 1/2" N/A	885	N/A
82	T6P	PLT 6-10dx1 1/2" / 6-10d	N/A	N/A	1015	N/A
86	ECCLL/RQ-SDS2.5	1/4" x 2 1/2" STRONG DRIVE SDS H.D. CON. SCREWS	N/A	N/A	M: 2835 S: 1840	N/A
88	CB9Q88	12 SDS 1/4x2"	N/A	N/A	3975	N/A
89	CB66	(2) 3/8" BOLTS	FA8X8	4-10d	2,300	985
90	ABU66	12-16d	PAU66	12-16d	2,240	N/A
91	CB9Q66	14 SDS 1/4x2"	N/A	N/A	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
99	A35	H: 4-8dx1 1/2" / P: 4-8dx1 1/2"	MPAIF	H: 6-8dx1 1/2" / P: 6-8dx1 1/2"	440	440 / N/A
101	HTT4	3/8" BOLT / 18-16dx2 1/2"	N/A	N/A	3,640	N/A
102	HTT5	3/8" BOLT / 26-10d	N/A	N/A	4,275	N/A
103	VGTR/L	32-SDS 1/4" x 3" / (2) 3/8" BLT	N/A	N/A	3,990	N/A
104	HDU8-SDS2.5	7/8" BLT / 20-SDS 1/4" x 2 1/2"	N/A	N/A	5,020	N/A
105	HDTB	7/8" - 3 - 3/4"	N/A	N/A	6,645	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	BLOCK: 10-1/4" x 1 1/2" TC JOIST: 10-16d	N/A	N/A	1,810	N/A
213	HSUR/L410	BLOCK: 20-16d JOIST: 6-16d	N/A	BLOCK: N/A JOIST: N/A	1,300	N/A
214	HUC412	BLOCK: 10-1/4" x 1 1/2" TC JOIST: 10-16d	HUS412	BLOCK: 10-1/4" x 1 1/2" 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: 10-1/4" x 1 1/2" TC JOIST: 10-16d	HUS412	BLOCK: 10-1/4" x 1 1/2" TC JOIST: 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-1/4" x 1 1/2" TC JOIST: 10-16d	HUS212-2	BLOCK: 10-1/4" x 1 1/2" TC JOIST: 10-16d	2,630	N/A
219	MBHA412	H: 1-ATR 3/4 x 8 TOP FACE JOIST: 18-10d	NFM35X12U	H: 1-1/2" J-BOLT J: 5-1/2" BOLTS	3,145	N/A
231	MBHA3.56/16	HDR: (2) 3/4" x 8" JOIST: 18-10d	NFM3.5X16U	HDR: MIN. 1/2" x J-BOLTS JOIST: (5) 1/2" x BOLTS	3,450	N/A
232	MBHA5.50/16	HDR: (2) 3/4" x 8" JOIST: 18-10d	NFM5.5X16U	HDR: MIN. 1/2" x J-BOLTS JOIST: (5) 1/2" x BOLTS	3,450	N/A
241	LGT2	30-16d-sinker	LUGT2	32-10d	2,000	1015 / 440
242	LGT3	G: (12) SDS 1/4" x 2 1/2"	N/A	W: (4) 3/8" x 5" TITEN	2,365	N/A
243	LGT4-SDS3	G: (16) SDS 1/4" x 3"	N/A	W: (4) 3/8" x 5" TITEN HD	2,365	N/A
301	MGT	(1) 3/4" BLTS / GIR: 22-10d	N/A	N/A	3,965	N/A
302	HGT-2 or 3	LTL: 3/4" BLTS / GIR: 8-10d	USC63	LTL: 3/4" BLTS / GIR: 8-16d	6,485	N/A
303	HGT-4	LTL: 3/4" BLTS / GIR: 16-10d	N/A	N/A	9,250	N/A
305	FGTR (2-PLY)	TRUSS: 36 SDS 1/2" x 3" WALL: (4) 1/2" x 5" 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
501A	LSU26	6-10d - 5-10dx1 1/2"	N/A	N/A	535	N/A
501B	LSU28	10-10d - 5-10dx1 1/2"	N/A	N/A	535	N/A
501C	LSU210	10-10d - 7-10dx1 1/2"	N/A	N/A	875	N/A
502A	LSU26	6-10d - 5-10dx1 1/2"	N/A	N/A	535	N/A
502B	LSU28	9-10d - 5-10dx1 1/2"	N/A	N/A	450	N/A
502C	LSU210	9-10d - 7-10dx1 1/2"	N/A	N/A	785	N/A
503	HRC22	6-10dx1 1/2 - 2-10dx1 1/2"	N/A	N/A	290	N/A
504	YPA2	8-10d - 2-10dx1 1/2"	N/A	N/A	295	375/250
505	HCP2	6-10dx1 1/2 - 6-10dx1 1/2"	N/A	N/A	645	N/A
T	CONNECTORS TO BE SPECIFIED AND PROVIDED BY TRUSS MANUFACTURERS					

THRIVE PRODUCT

LOT: 0000, COMMUNITY

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

DATE 06-01-22

SCALE AS NOTED

DRAWN RDC

JOB 2034

SHEET 15 OF SHEETS

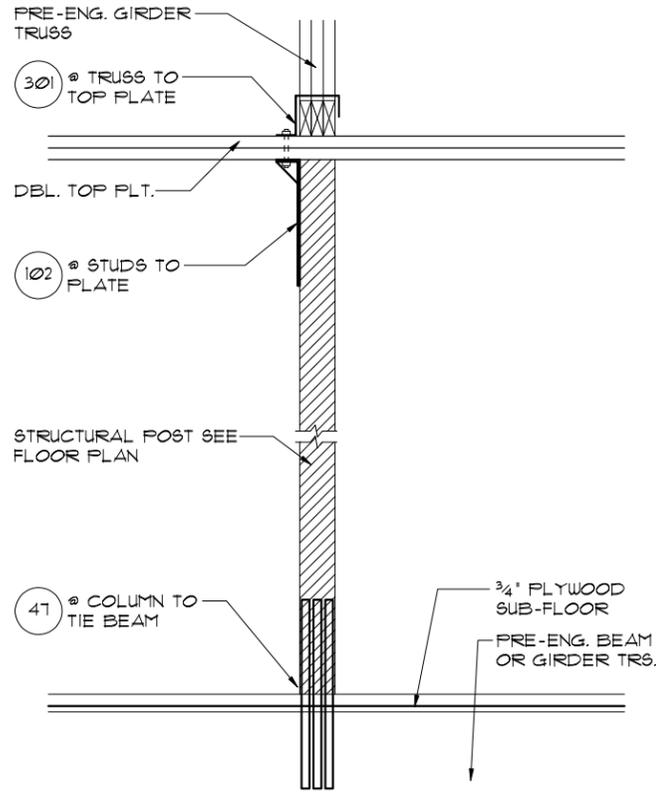
2034 TRIUMPH THRIVE SERIES

TYPICAL DETAILS / CONNECTOR SCHEDULE

A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineland Road, Suite 200
Orlando, Florida, 32817
Phone: (407) 529-3000

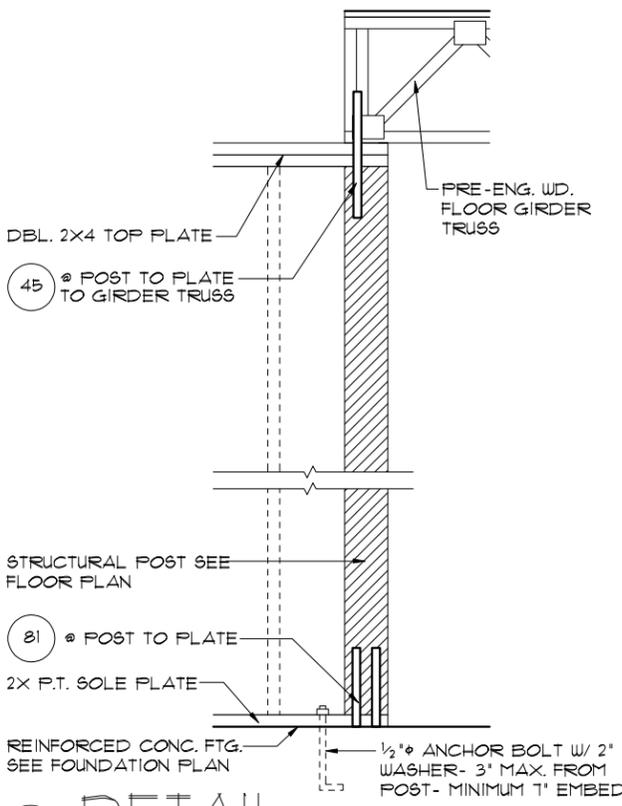
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ITEG
TRUSS ENGINEERING GROUP, INC.
10000 W. Colonial Ave., Suite 100
Orlando, FL 32817
Tel: (407) 734-1400
Fax: (407) 734-1700
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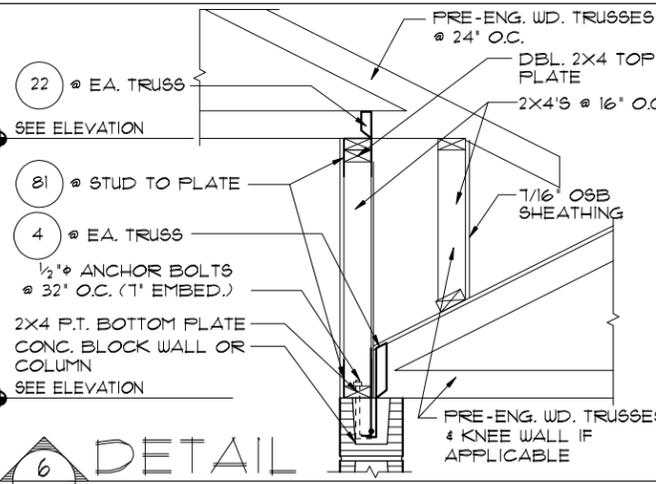
5 DETAIL

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



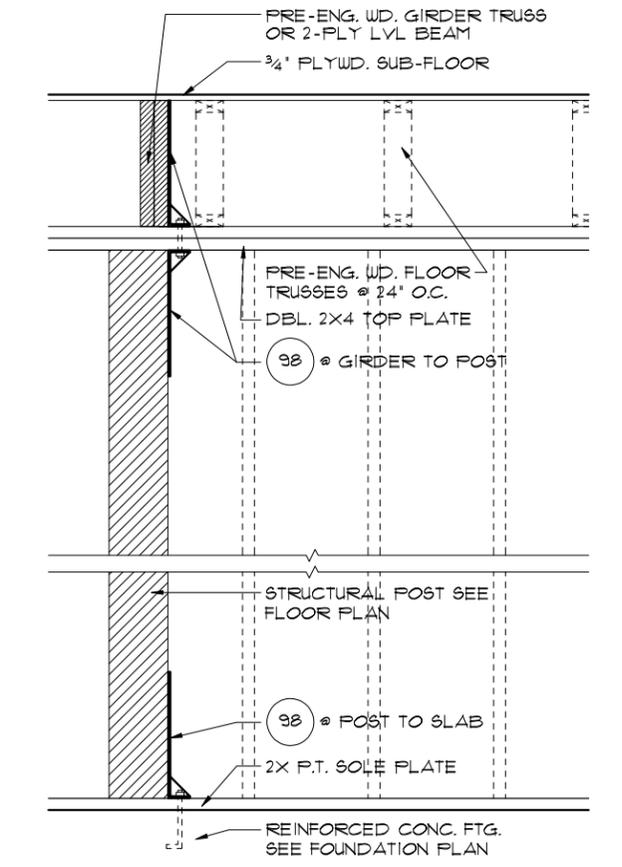
3 DETAIL

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



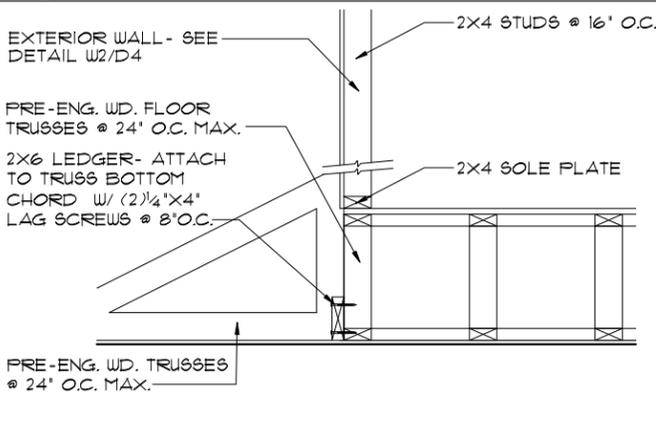
6 DETAIL

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



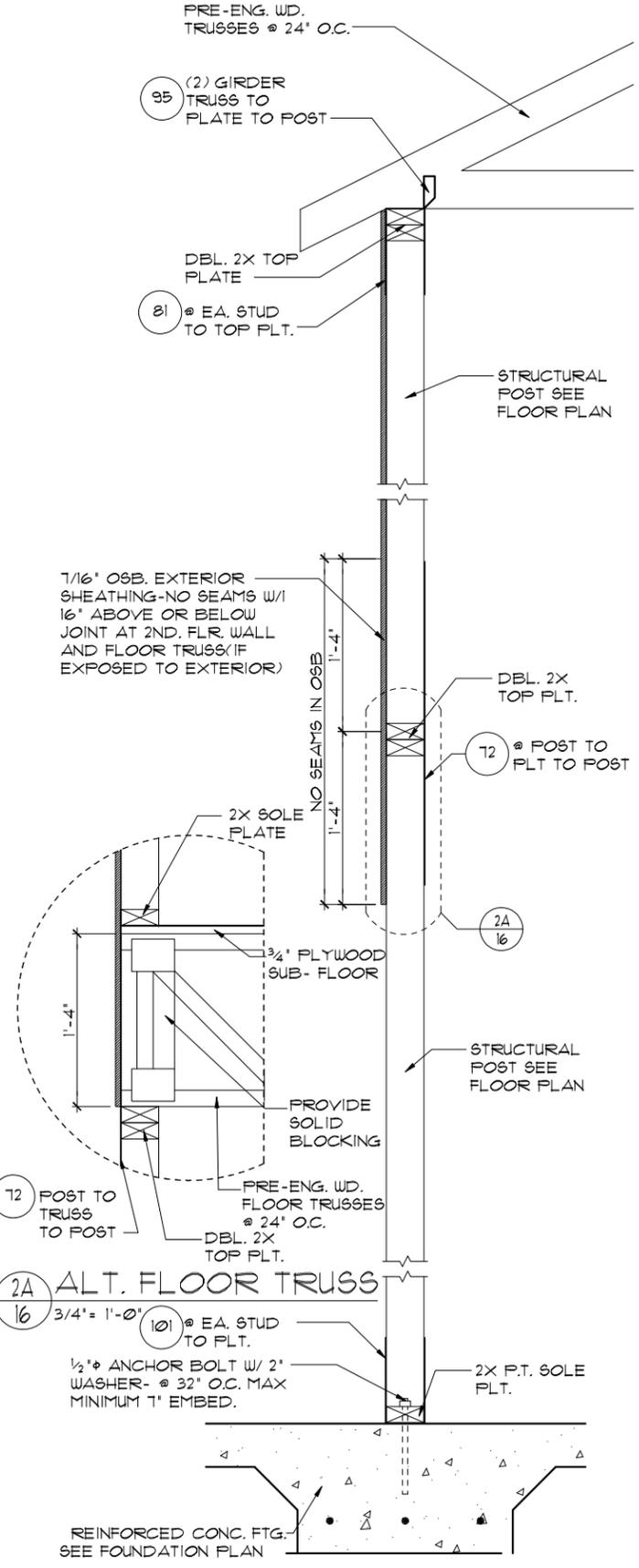
4 DETAIL

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



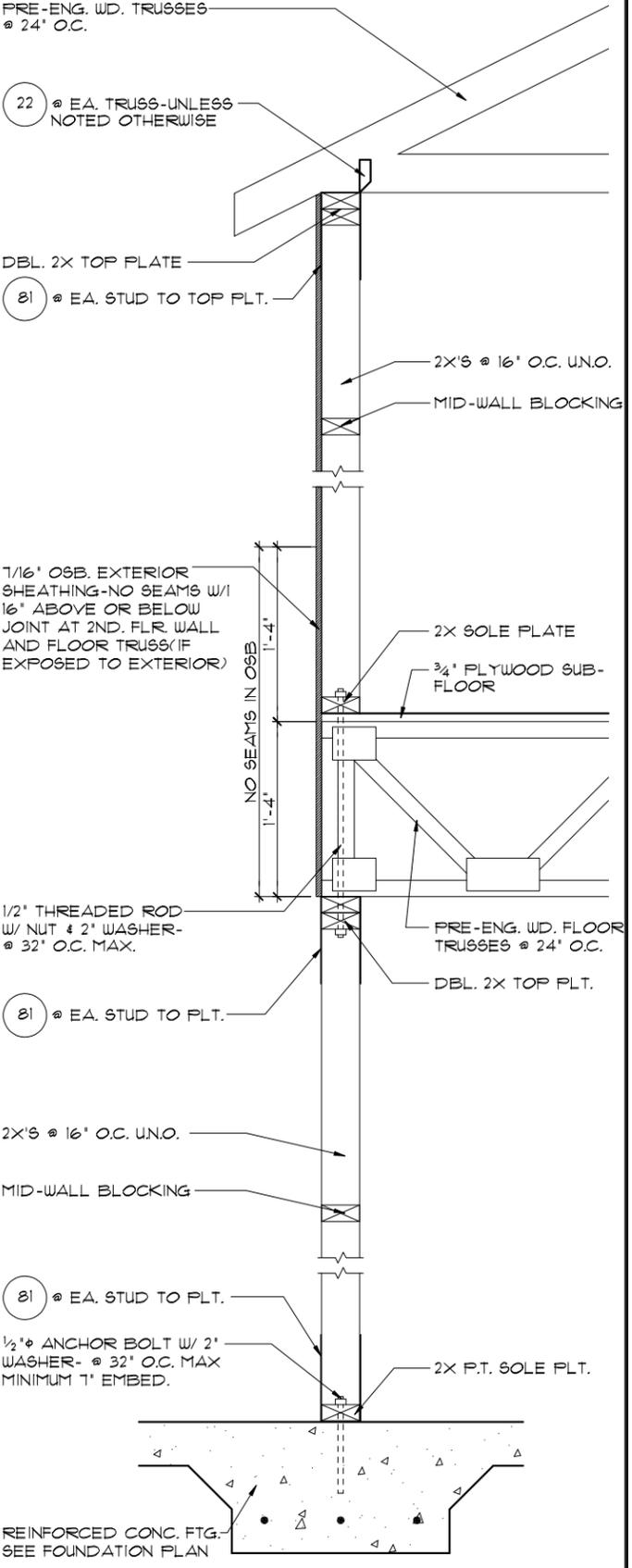
1 DETAIL

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



2 DETAIL

3/4"=1'-0" (11X17) 1/2"=1'-0" (22'X34')



1 DETAIL

3/4"=1'-0" (11X17) 1/2"=1'-0" (22'X34')

LOT: 0000, COMMUNITY THRIVE PRODUCT
 THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL, AND IS CERTIFIED AS SUCH
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Park Square HOMES

TYPICAL DETAILS

2034 TRIUMPH
 THRIVE SERIES

DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	2034
SHEET	16
OF	SHEETS

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			
		3138	3371	4689	6001	7315	8630	9941				
3'-6" (42')	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936			
		2325	2496	3461	4438	5410	6384	7358				
4'-0" (48')	PRECAST	2029	2646	4473	6039	7526	9004	10472	11936			
		1181	1913	2651	3403	4149	4896	5644				
5'-4" (64')	PRECAST	1184	1665	2889	5051	6796	8540	10284	12028			
		1000	1059	1474	1889	2304	2719	3131				
5'-10" (70')	PRECAST	972	1459	2464	4144	5458	6772	8086	9400			
		1255	1201	1616	2031	2446	2861	3276				
6'-6" (78')	PRECAST	931	1255	2101	3396	4691	5986	7281	8576			
		1029	1675	2610	3899	5188	6477	7766				
7'-6" (90')	PRECAST	1671	1029	1675	2610	3899	5188	6477	7766			
		632	1045	1469	1893	2317	2741	3165				
9'-4" (112')	PRECAST	973	168	722	1816	2544	3272	4000	4728			
		482	807	1125	1443	1761	2079	2397				
10'-6" (126')	PRECAST	456	658	1029	1514	2081	2714	3347	3980			
		938	938	1365	1854	2441	2928	3515				
11'-4" (136')	PRECAST	445	545	864	1254	1644	2034	2424	2814			
		525	625	944	1334	1724	2114	2504				
12'-0" (144')	PRECAST	414	427	716	1029	1342	1655	1968	2281			
		485	748	1076	1438	1800	2162	2524				
13'-4" (160')	PRECAST	362	381	648	915	1182	1449	1716	1983			
		338	455	700	1009	1318	1627	1936				
14'-0" (168')	PRECAST	338	338	585	832	1079	1326	1573	1820			
		NR										
14'-8" (176')	PRESTRESSED	NR										
		NR										
15'-4" (184')	PRESTRESSED	NR										
		NR										
17'-4" (208')	PRESTRESSED	NR										
		NR										
19'-4" (232')	PRESTRESSED	NR										
		NR										
21'-4" (256')	PRESTRESSED	NR										
		NR										
22'-0" (264')	PRESTRESSED	NR										
		NR										
24'-0" (288')	PRESTRESSED	NR										
		NR										

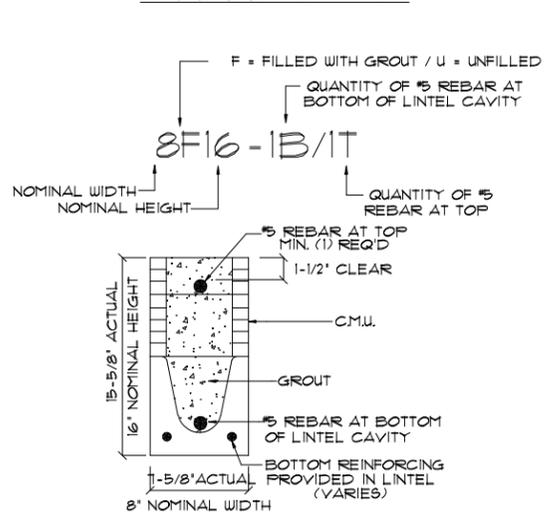
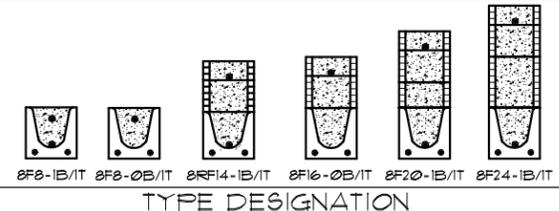
8" PRECAST W/ 2" RECESS DOOR U-LINTELS

LENGTH	TYPE	GRAVITY										
		8R16	8R18	8R20	8R22	8R24	8R26	8R28	8R30	8R32	8R34	
4'-4" (52')	PRECAST	1489	1971	2453	2935	3417	3899	4381	4863	5345	5827	6309
		1449	1931	2413	2895	3377	3859	4341	4823	5305	5787	6269
4'-6" (54')	PRECAST	1351	1702	2184	2666	3148	3630	4112	4594	5076	5558	6040
		837	1607	2377	3147	3917	4687	5457	6227	6997	7767	8537
5'-8" (68')	PRECAST	785	1136	1618	2100	2582	3064	3546	4028	4510	4992	5474
		119	500	801	1102	1403	1704	2005	2306	2607	2908	3209
5'-10" (70')	PRECAST	735	1093	1575	2057	2539	3021	3503	3985	4467	4949	5431
		907	1671	2435	3199	3963	4727	5491	6255	7019	7783	8547
6'-8" (80')	PRECAST	822	1207	1792	2377	2962	3547	4132	4717	5302	5887	6472
		161	517	873	1229	1585	1941	2297	2653	3009	3365	3721
7'-6" (90')	PRECAST	665	1040	1522	2004	2486	2968	3450	3932	4414	4896	5378
		420	834	1248	1662	2076	2490	2904	3318	3732	4146	4560
9'-8" (116')	PRECAST	371	535	928	1491	2154	2817	3480	4143	4806	5469	6132

8" PRECAST & PRESTRESSED U-LINTELS

LENGTH	TYPE	UPLIFT										LATERAL			
		8P8-1T	8P10-1T	8P12-1T	8P14-1T	8P16-1T	8P18-1T	8P20-1T	8P22-1T	8P24-1T	8P26-1T	8P28-1T	8P30-1T	8P32-1T	8R16
2'-10" (34')	PRECAST	2121	2818	4101	5332	6563	7794	9025						2021	2021
		2121	2784	3981	5192	6403	7614	8825							
3'-6" (42')	PRECAST	2165	2289	3260	4231	5202	6173	7144						1291	1291
		2165	2215	3165	4135	5105	6075	7045							
4'-0" (48')	PRECAST	1878	1989	2832	3680	4528	5376	6224						938	938
		1878	1925	2750	3600	4450	5300	6150							
4'-6" (54')	PRECAST	1660	1762	2501	3251	4001	4751	5501						721	721
		1660	1709	2435	3171	3907	4643	5379							
5'-4" (64')	PRECAST	1393	1484	2100	2716	3332	3948	4564						509	509
		1393	1431	2050	2666	3282	3898	4514							
5'-10" (70')	PRECAST	1272	1351	1930	2509	3088	3667	4246						418	418
		1272	1319	1875	2441	3007	3573	4139							
6'-6" (78')	PRECAST	1141	1200	1733	2250	2767	3284	3801						701	881
		999	1078	1624	2152	2680	3208	3736							
7'-6" (90')	PRECAST	990	1079	1466	1907	2348	2789	3230						591	691
		801	870	1257	1698	2139	2580	3021							
9'-4" (112')	PRECAST	801	785	1192	1599	1906	2213	2520						454	630
		716	700	1107	1514	1921	2328	2735							
10'-6" (126')	PRECAST	716	611	1039	1389	1739	2089	2439						396	493
		666	599	1009	1359	1709	2059	2409							
11'-4" (136')	PRECAST	666	599	1009	1359	1709	2059	2409						363	556
		607	540	939	1289	1639	1989	2339							
12'-0" (144')	PRECAST	607	540	939	1289	1639	1989	2339						340	494
		548	481	869	1219	1569	1919	2269							
13'-4" (160')	PRECAST	500	433	820	1169	1519	1869	2219						302	398
		441	374	750	1099	1449	1799	2149							
14'-0" (168')	PRECAST	458	391	779	1128	1478	1828	2178						286	360
		392	325	659	1008	1358	1708	2058							
14'-8" (176')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR						NR	351
		NR	NR	NR	NR	NR	NR	NR							
15'-4" (184')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR						NR	321
		NR	NR	NR	NR	NR	NR	NR							
17'-4" (208')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR						NR	255
		NR	NR	NR	NR	NR	NR	NR							
19'-4" (232')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR						NR	204
		NR	NR	NR	NR	NR	NR	NR							
21'-4" (256')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR						NR	172
		NR	NR	NR	NR	NR	NR	NR							
22'-0" (264')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR						NR	161
		NR	NR	NR	NR	NR	NR	NR							
24'-0" (288')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR						NR	135
		NR	NR	NR	NR	NR	NR	NR							

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



MATERIALS