

1501
DELIGHT
30' THRIVE
30' X 75'

REVISION SCHEDULE			
NO.	DATE	DESCRIPTION	BY
1	03-29-23	-RE-DESIGN KITCHEN -RECESS CANS ILO LIGHT FIXTURES	ME
2	03-29-23	-ADD (2) PENDANT LTS PREWIRE OVER KITCHEN ISLAND	ME
3	01-26-24	-UPDATE TO 2023 CODE	ME
4	02-20-24	-REPLACE CABINET PANTRY W/BUILT-IN	ME
5	06-19-24	-REDESIGN KITCHEN CABINETS	ME
6	07-12-24	-MOVE LAUNDRY WALL 10' TOWARDS KITCHEN	ME

SHEET INDEX:

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

SHEET INDEX:

- 00 COVER SHEET
- 01.0 FOUNDATION PLAN B
- 02.0 FLOOR PLAN W/ DIMENSIONS B
- 03.0 FLOOR PLAN W/ NOTES B
- 04B.0 EXTERIOR ELEVATIONS- FRONT/ REAR "B"
- 05B.0 EXTERIOR ELEVATIONS- LEFT/ RIGHT "B"
- 06 CROSS SECTION AND INTERIOR ELEVATIONS
- 07.0 ELECTRICAL PLAN B
- 08B.0 TRUSS LAYOUT "B"
- 09.0 PRECAST LINTEL LAYOUT B
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SHEET INDEX:

- 00 COVER SHEET
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- 02.0 FLOOR PLAN W/ DIMENSIONS C
- 03.0 FLOOR PLAN W/ NOTES C
- 04C.0 EXTERIOR ELEVATIONS- FRONT/ REAR "C"
- 05C.0 EXTERIOR ELEVATIONS- LEFT/ RIGHT "C"
- 06 CROSS SECTION AND INTERIOR ELEVATIONS
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THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2003 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

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1501 DELIGHT
THRIVE SERIES

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

COVER SHEET

1501 DELIGHT
THRIVE SERIES

THOMPSON ENGINEERING GROUP, INC.
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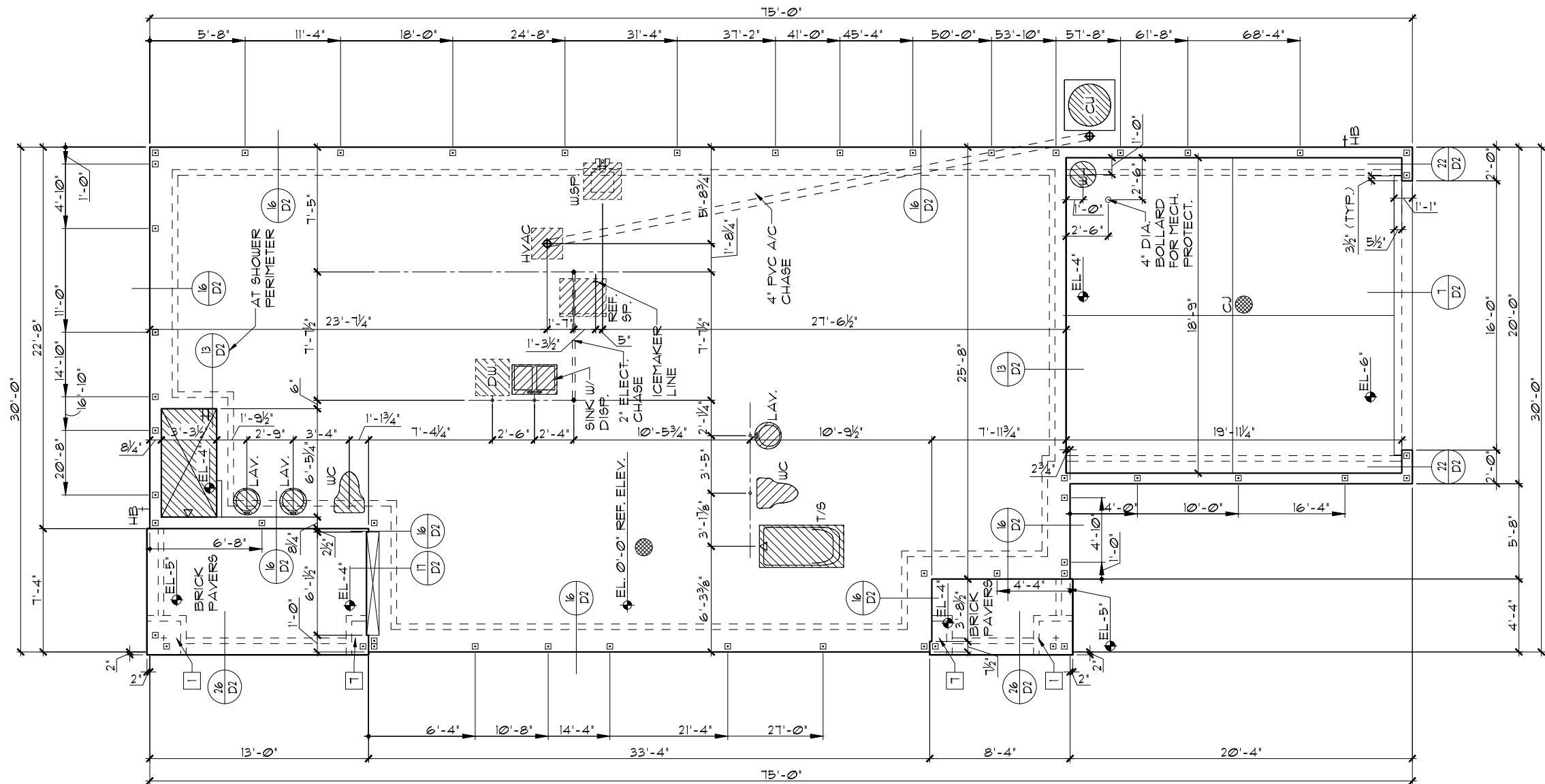
THRIVE PRODUCT

REVISIONS

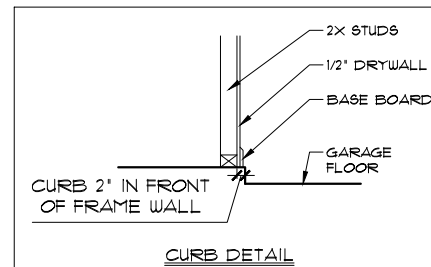
BY

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

1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
2. DENOTES FILLED CELL REINFORCED W/ CONC. & (1) #5Φ REBAR, GRADE 60
3. DENOTES FILLED CELL REINFORCED W/ CONC. & (2) #5Φ REBAR, GRADE 60
4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY AND ALL DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION
5. WATER HEATER T&P RELIEF VALVE SHALL BE FULL SIZE TO EXTERIOR WATER HEATER AT OR ABOVE FLOOR LEVEL SHALL BE IN A PAN W/ DRAIN TO EXTERIOR. WATER HEATER SHALL HAVE APPROVED THERMAL EXPANSION DEVICE
6. DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2500 P.S.I., 3 1/2' 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.



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



FOOTING PAD SCHEDULE	
1	24" × 24" × 12" W/ (3) #5'S EACH WAY
2	30" × 30" × 12" W/ (4) #5'S EACH WAY
3	36" × 36" × 12" W/ (5) #5'S EACH WAY
4	32" × 32" × 16" W/ (4) #5'S EACH WAY
5	36" × 36" × 18" W/ (5) #5'S EACH WAY
6	30" × 30" × 20" W/ (4) #5'S EACH WAY
7	24" × 12" × 12" W/ (3) #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

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A DIVISION OF PARK SQUARE
ENTERPRISES, INC.
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Phone: (407) 529 - 3000

Park Square HOMES

FOUNDATION PLAN

1501 DELIGHT

THRIVE SERIES

DATE	06-01-
SCALE	AS NOTE
DRAWN	RD
JOB	15
SHEET	
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OF	SHEET

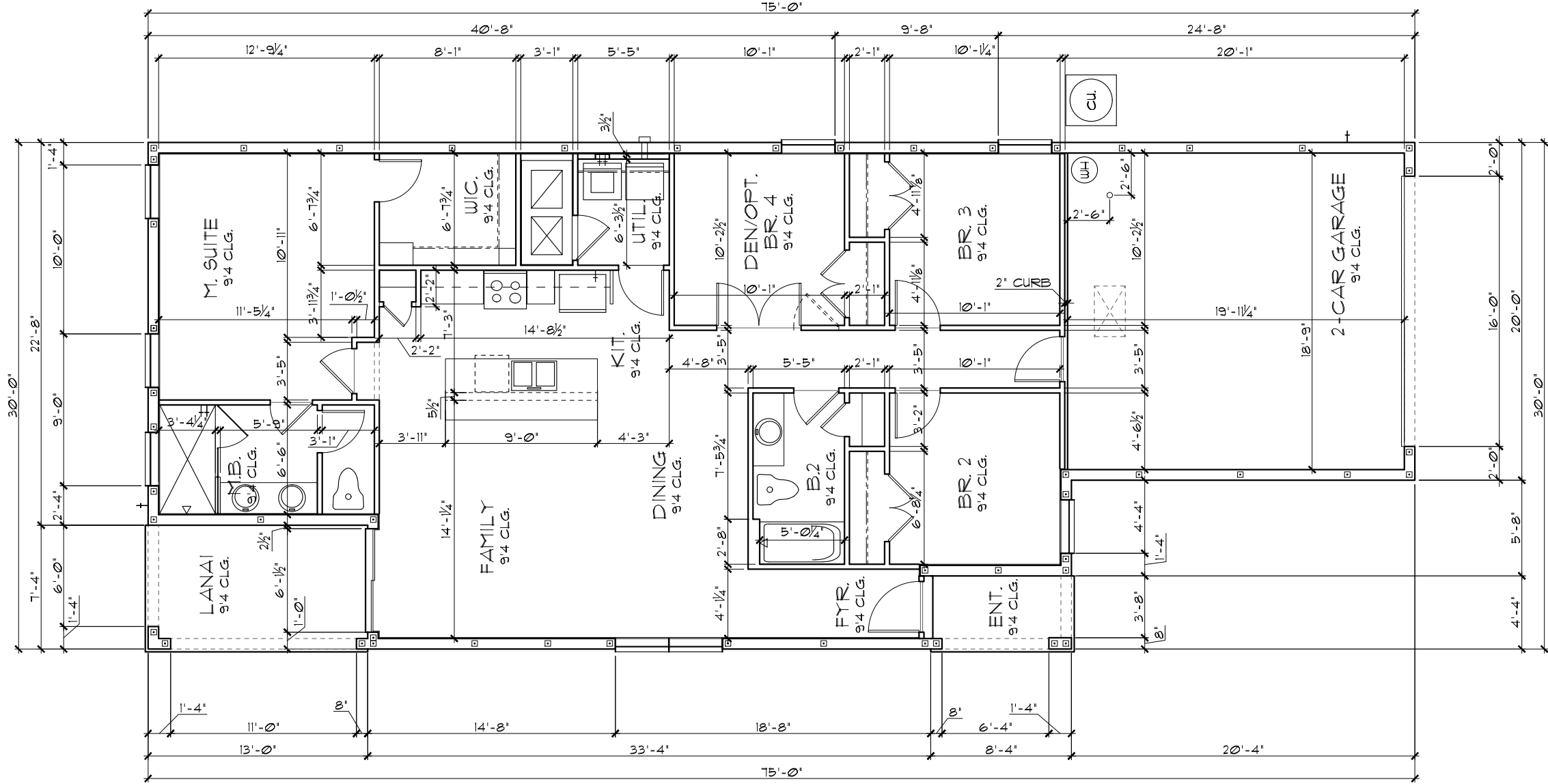
TABULATION	
TOTAL LIVING-----	1,501 SF.
GARAGE-----	414 SF.
ENTRY-----	36 SF.
LANAI-----	95 SF.
TOTAL UNDER ROOF-----	2,046 SF.

GENERAL NOTES

- CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
- DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
- ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3½" UNLESS NOTED OTHERWISE.
- ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 1½" UNLESS NOTED OTHERWISE.
- ALL INTERIOR CEILINGS AT **9'-4"** UNLESS NOTED OTHERWISE.
- 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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02.0
OF SHEETS

SHEET

JOB

DRAWN

SCALE

DATE

06-01-22

1501 DELIGHT

THRIVE SERIES

FLOOR PLAN W/ DIMENSIONS

Park Square HOMES

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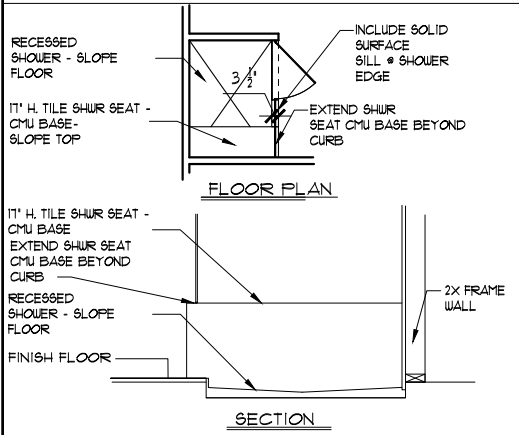
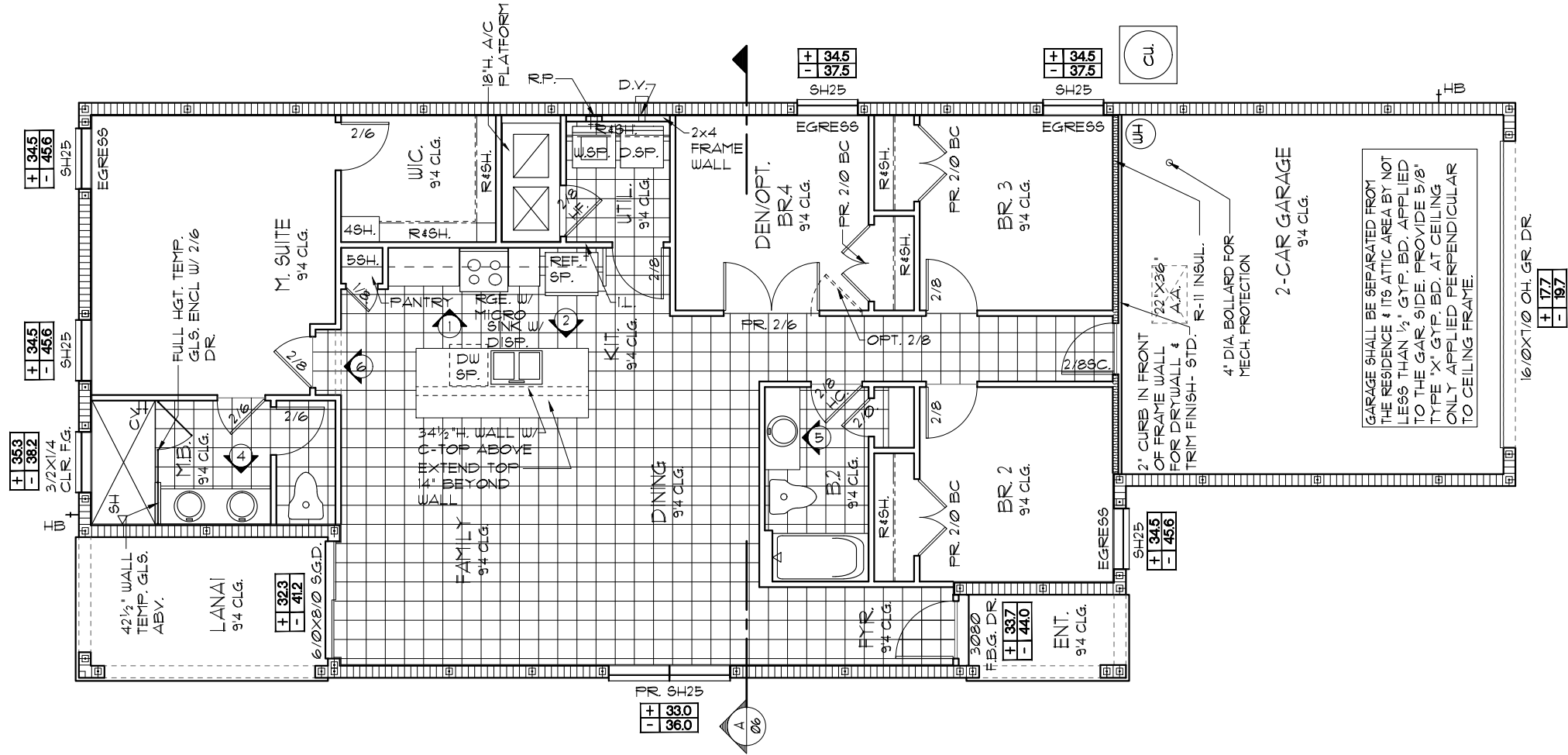
REVISIONS	BY

LOAD INFORMATION			
PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTIAL CODE			
<u>DEAD LOADS</u>			
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	
<u>FLOOR LIVE LOADS</u>			
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	
<u>ROOF LIVE LOADS</u>			
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 RESIDENTIAL 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	-----	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" AFF. DENOTES CONC. BLOCK WALL HGT. @ X'-0" AFF.	
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: M1307.1 - 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



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

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THRIVE PRODUCT

1501 DELIGHT

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DATE 06-01-22

SCALE AS NOTED

DRAWN RDC

JOB 1501

SHEET 03.0 OF SHEETS

NOTE: SEE COLOR SHEET FOR INTERIOR DOOR HEIGHT REQUIREMENTS

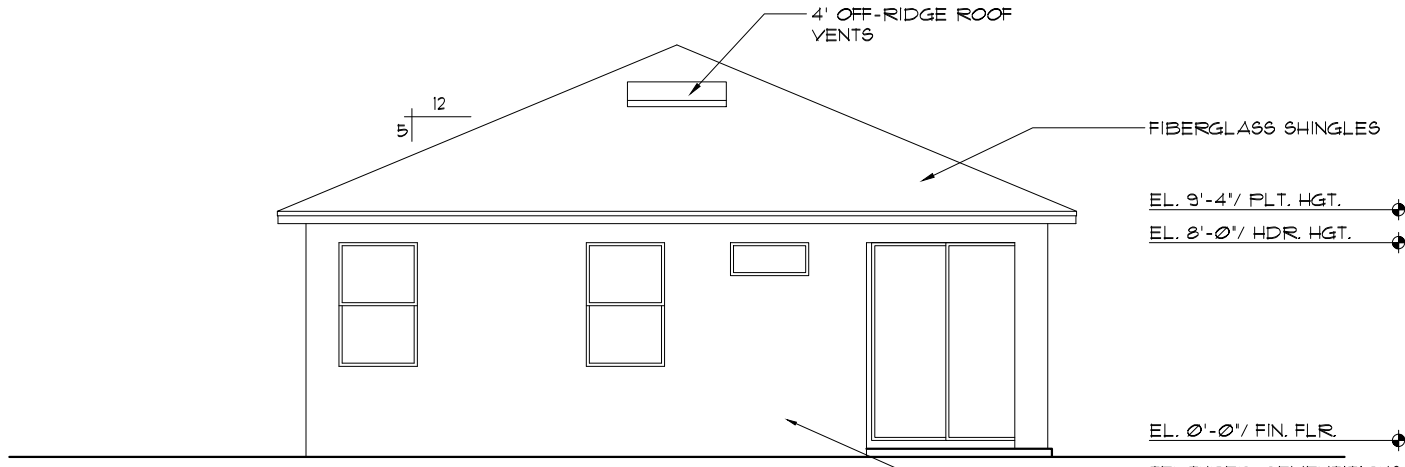
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EXTERIOR FINISH NOTES

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



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1501 DELIGHT	
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$$1/8'' = 1' - \emptyset' \quad (11 \times 17) \quad 1/4'' = 1' - \emptyset'' \quad (22 \times 34)$$


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EXTERIOR ELEVATION
FRONT AND REAR

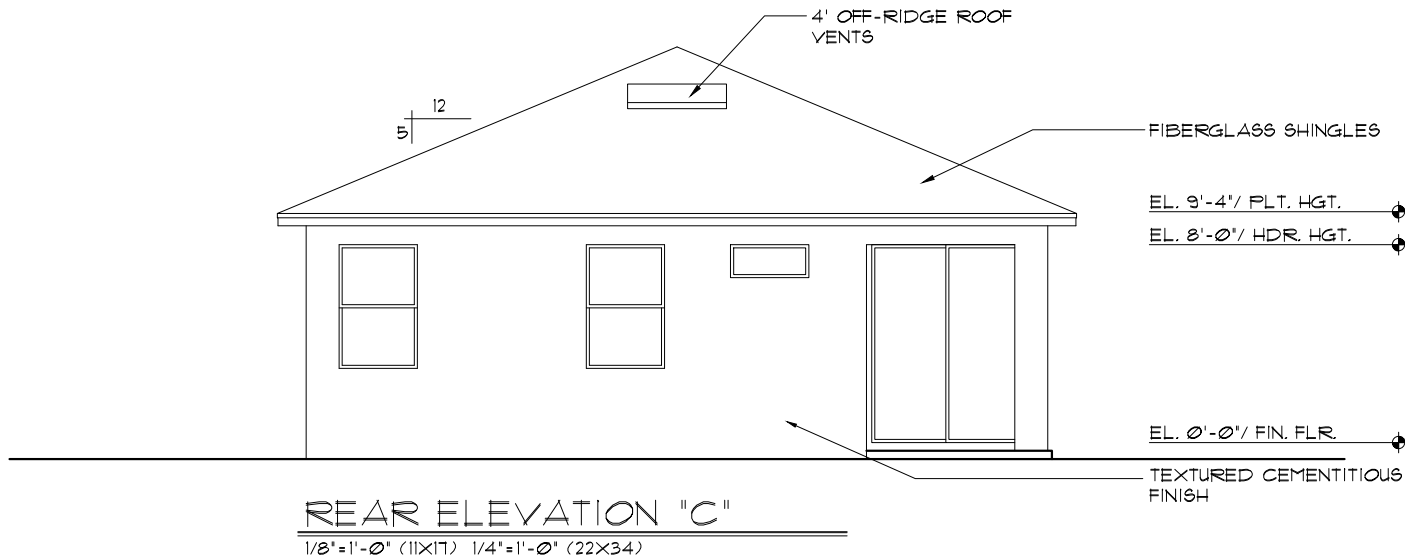
1501 DELIGHT
THRIVE SERIES

DATE	06-01-20
SCALE	AS NOTED
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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
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EXTERIOR ELEVATION
FRONT AND REAR

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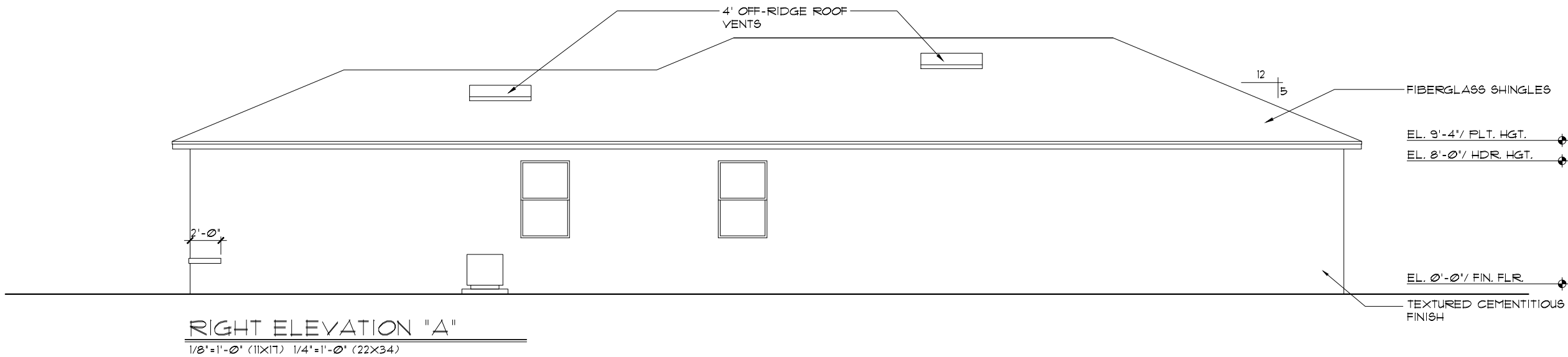
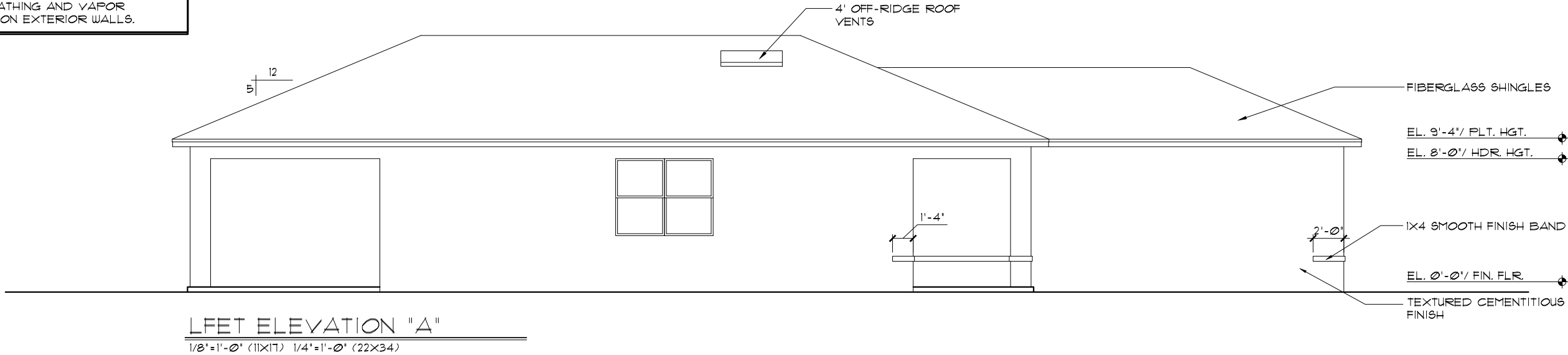
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1501 DELIGHT

THRIVE SERIES

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REVISIONS

BY

DATE 06-01-22

SCALE AS NOTED

DRAWN RDC

JOB 1501

SHEET 05A.0

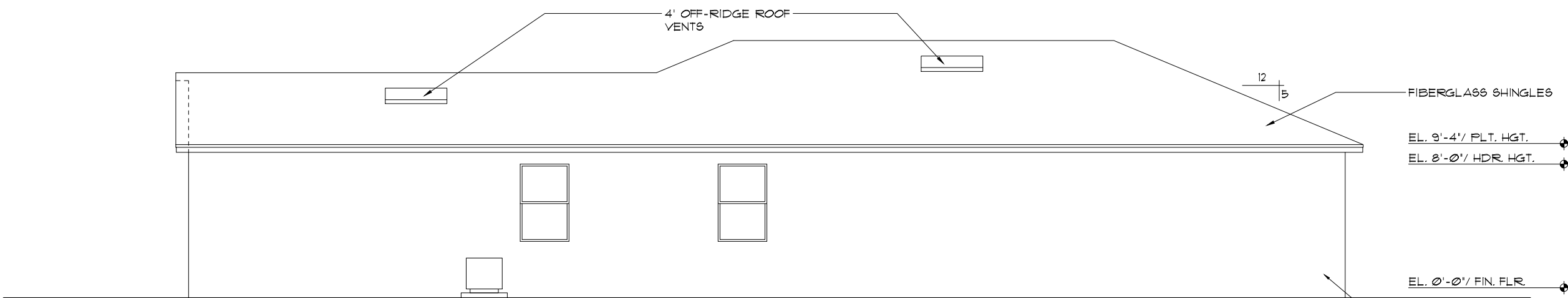
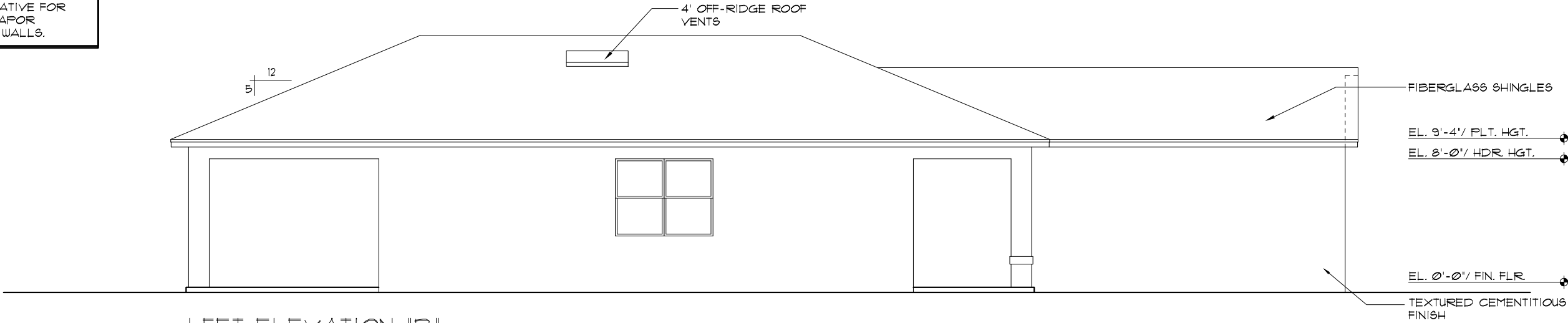
OF SHEETS

EXTERIOR ELEVATION LEFT AND RIGHT

1501 DELIGHT THRIVE SERIES

EXTERIOR FINISH NOTES

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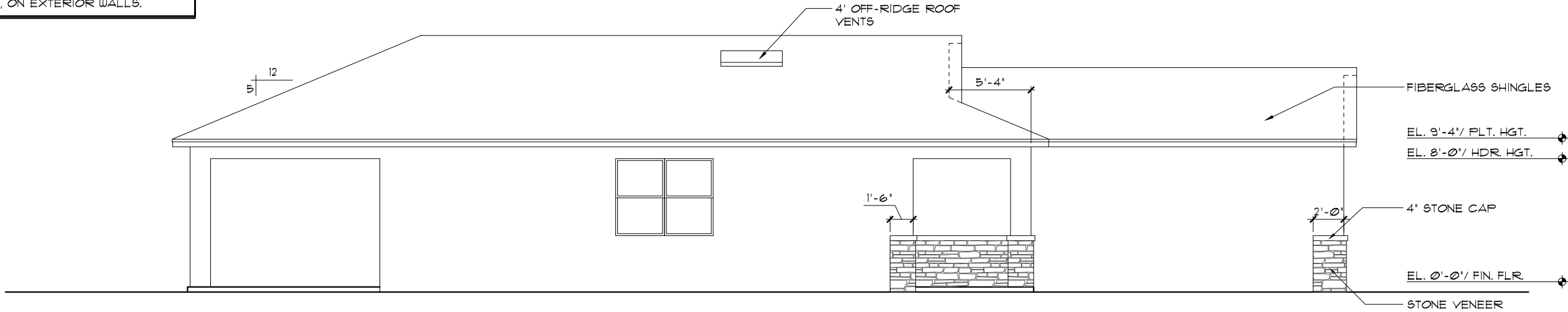
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OF	SHEETS

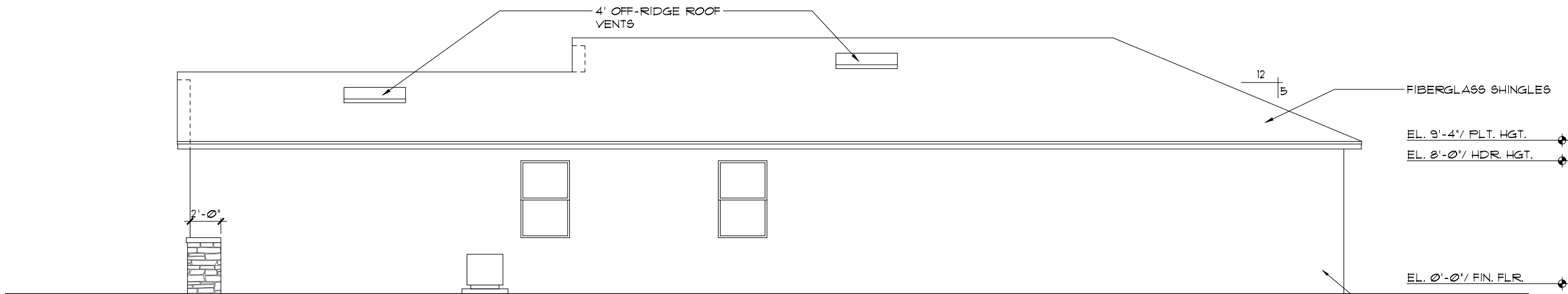
EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R103.7.1 OF THE 8TH EDITION, FBCR 2023
2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R103.7.2 OF THE 8TH EDITION, FBCR 2023
3. WEEP SCREED TO BE INSTALLED IAW R103.7.2.1 OF THE 8TH EDITION, FBCR 2023
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.7.3 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"

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

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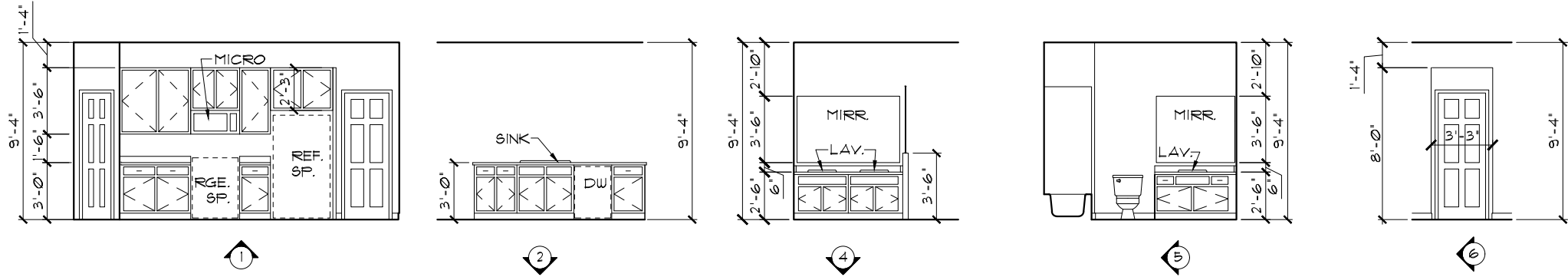
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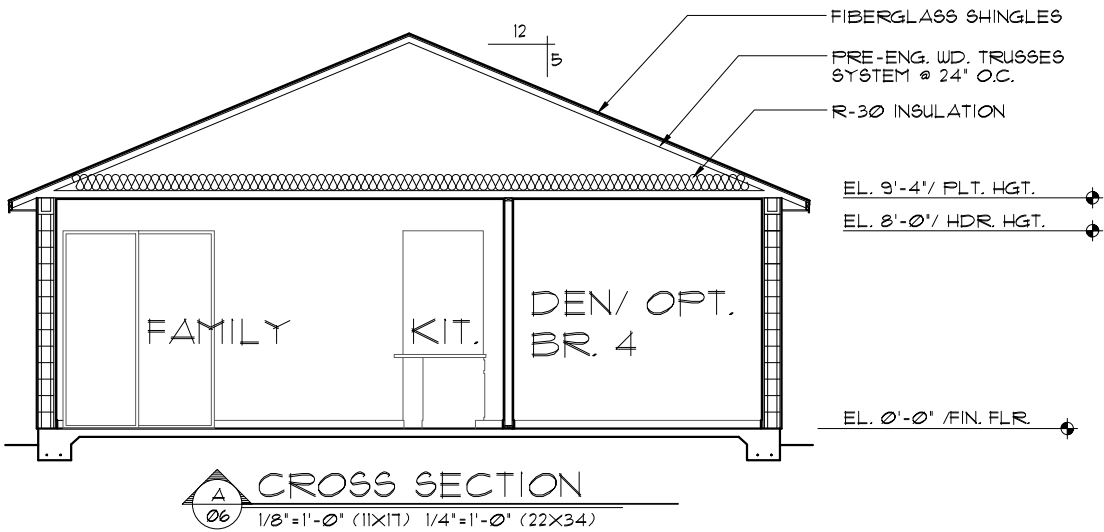
EXTERIOR ELEVATION LEFT AND RIGHT	
1501 DELIGHT	THRIVE SERIES
DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1501
SHEET	
05C.0	OF SHEETS



INTERIOR ELEVATIONS

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

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



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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JOB	1501
SHEET	06
OF	SHEETS

CROSS SECTION / INTERIOR ELEVATIONS
1501 DELIGHT THRIVE SERIES

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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.

4.) 1AW 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

200AMP WP. BREAKER

METER

200A-MAIN BREAKER @ NI INSIDE PANEL

#4/0 ALUM. S.E.R.

#8 RMX TO RNG.

#10/3 TO DRYER

#10/2 TO W/H

A/C & A/H T.B.D.

#14 FOR LIGHT AND FUR

INTERIOR PANEL

SECONDARY FEED BY UTILITY CO.

INTERSYSTEM BONDING TERMINATION

BOND #4 BARE COPPER WIRE TO FOUNDATION STEEL AS PER 2020 N.E.C. 250.52(A)(3)

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.

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

1.) 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 FBCE 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. P2801.1

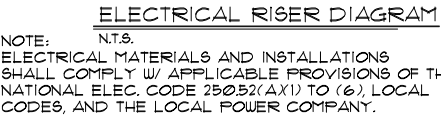
9.) ALL EQUIPMENT & APPLIANCES, INCLUDING WATER HEATERS HAVING AN IGNITION SOURCE TO BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS MINIMUM 18" ABOVE GARAGE FLOOR UNLESS IT IS LISTED AS FLAMMABLE VAPOR IGNITION RESISTANT. IAW FBCR 2023, 8TH ED.

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
NFPAT0-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 NFPAT0-NEC2020 - ARTICLE 210-52



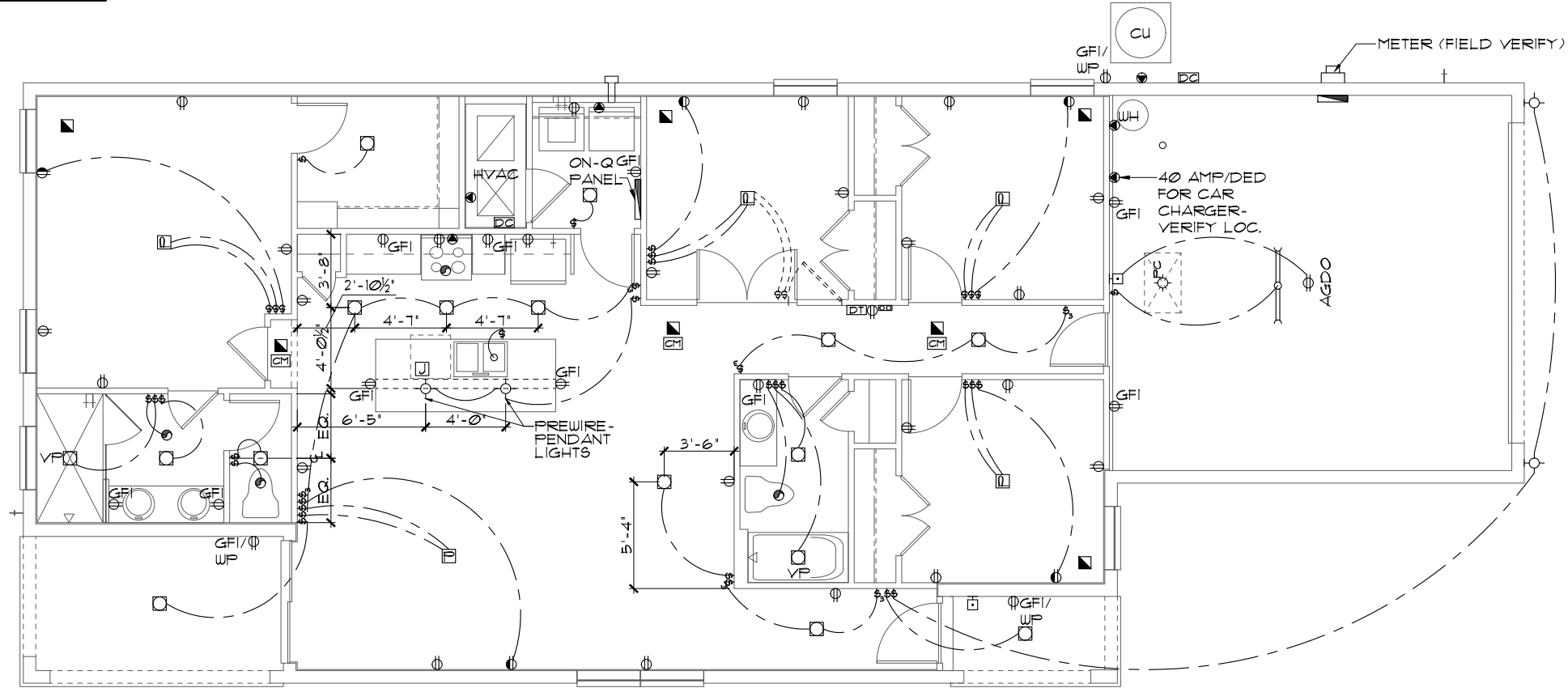
25052(Ax3) Concrete-Encased
Electrode. Concrete-encased
electrodes can be
horizontal or vertical and must be
at least 20 ft. long.

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

There are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than $\frac{1}{2}$ 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 25050 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 covered 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.



1/8" = 1'-0" (11x17) 1/4" = 1'-0" (22x34)

ELECTRICAL LEGEND			
	SINGLE POLE SWITCH		OUTLET, TV/CABLE
	THREE WAY SWITCH		OUTLET, PHONE
	OUTLET, 110-115		INTERCOM
	OUT, 110-115, SPLIT WIRED		CHIMES
	OUT, 110-115, w/ USB		SMOKE DETECTOR/SMOKE
	OUT, 110-115, CLG. MOUNT.		CARBON MONOXIDE
	OUT, 110-115, FLR. MOUNT.		PUSH BUTTON
	SPLCL. 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, FREWIRE
	LIGHT FIXT., FULL CHAIN		CEILING FAN, INSTALL
	LED LIGHT FIXT., FLUORESCENT		ELECT. JUNCTION BOX
	LIGHT FIXT., EXT. FLOODS		THERMOSTAT
	LIGHT FIXT., EMERG. EXIT		DISCONNECT SWITCH
	LIGHT FIXT., EXIT/BACKUP		ELEC. POWER METER

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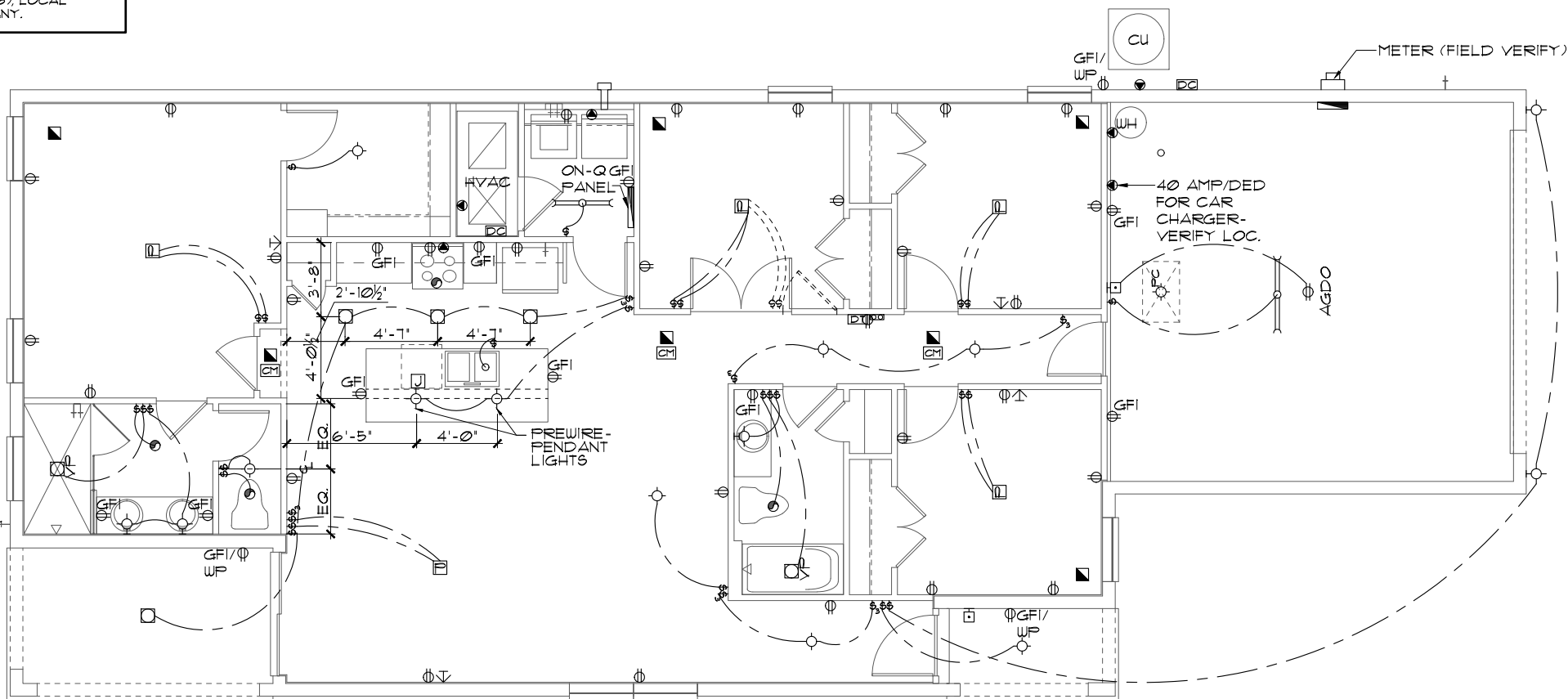
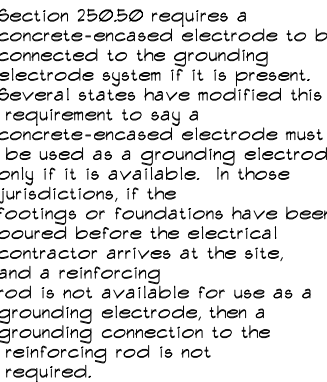
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Phone: (407) 529 - 3000

ELECTRICAL PLAN

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



$1/8" = 1' - 0"$ (11×17) $1/4" = 1' - 0"$ (22×34)

	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
	9FCL, PURPOSE 220-240		EXHAUST FAN
	LIGHT FXT., CLG. MTD.		EX. FAN/LIGHT COMBO
	LIGHT FXT., WALL MTD.		DISPOSAL
	LED LIGHT FXT., RECESSED		ELECTRICAL PANEL
	LIGHT FXT., REC. ADJUST.		CEILING FAN, PREWIRE
	LIGHT FXT., PULL CHAIN		CEILING FAN, INSTALL
	LED LIGHT FXT., FLUORESCENT		ELECT. JUNCTION BOX
	LIGHT FXT., EXT. FLOODS		THERMOSTAT
	LIGHT FXT., EMERG. EXIT		DISCONNECT SWITCH
	LIGHT FXT., EXIT/BACKUP		ELEC. POWER METER

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ELECTRICAL PLAN

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Fax: (407) 734-1790
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TRUSS LAYOUT

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

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Ph: (407) 734-1450
Fax: (407) 734-1790
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ATTIC VENTILATION CALCULATIONS

PER FBC2023 8TH EDITION R906: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

TOTAL VENTED SPACE: $\frac{2,0475\text{F.}}{300} = 6.825\text{F.}$ NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL:----- 3.48F.
PROVIDED W/OFF RIDGE VENTS: 4 VENTS @ .859F. /VENT.
(VENT TYPE: LOMANCO MODEL TT0-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL:----- 18.966F.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
(218LF. @ 0.0879F. VENTING PER L.F.)

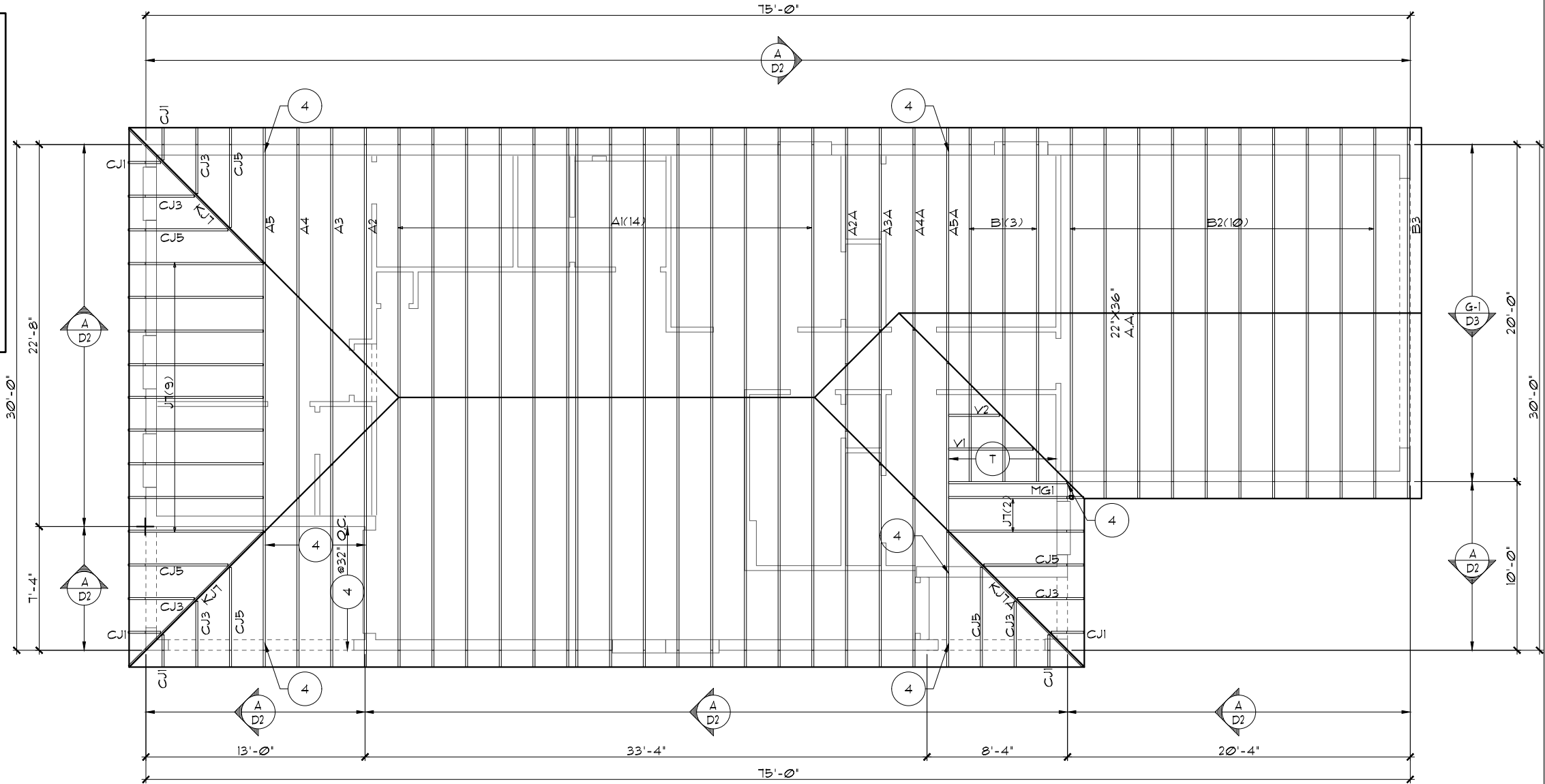
UPPER PORTION PERCENTAGE: 50%
LOWER PORTION PERCENTAGE: 50%

NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCS1 I.
6. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R905.1.1 - Underlayment materials required to comply with ASTM D226, D4869 at Type IV shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1. Underlayment shall be applied and attached in accordance with Table R905.1.1.
8. OFF RIDGE VENTS MAXIMUM OPENING SIZES :
 - LOMANCO : (2) 3 1/4" DIA. CIRCLES
 - MILLENNIUM METAL : 2 1/2" X 46" HOLE
9. ROOF UNDERLAYMENT TO BE USED IS 2 LAYERS OF 30 LBS. SYNTHETIC FELT OR ANY OTHER METHOD LISTED PER FBC R905.1.1.1

TRUSS LAYOUT "B"

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



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DATE 06-01-22

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SHEET

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OF

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TRUSS LAYOUT

Park Square HOMES

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www.teg.com

TRUSS LAYOUT

1501 DELIGHT

THRIVE SERIES

ATTIC VENTILATION CALCULATIONS

PER FBC2023 8TH EDITION R206: MIN. 40% - MAX. 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).

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

TOTAL VENTED SPACE: $\frac{2,047\text{S.F.}}{300} = \underline{6,825\text{S.F.}}$ NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL:----- 3,48S.F.
PROVIDED W/OFF RIDGE VENTS: 4 VENTS @ .859S.F. /VENT.
(VENT TYPE: LOMANCO MODEL T10-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL:----- 18,969S.F.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
(218L.F. @ 0.0879S.F. VENTING PER L.F.)

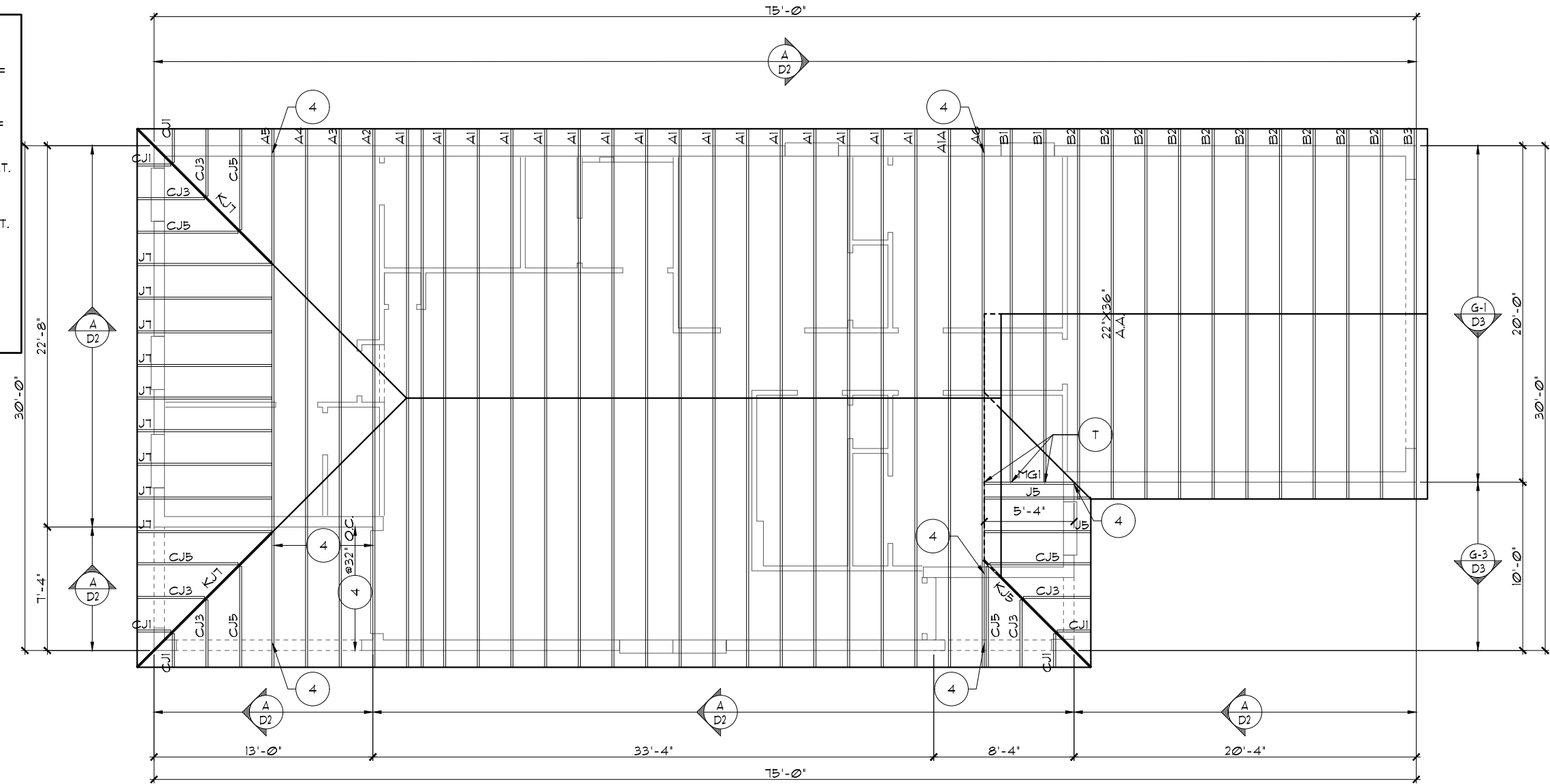
UPPER PORTION PERCENTAGE: $\frac{50\%}{50\%}$
LOWER PORTION PERCENTAGE: $\frac{50\%}{50\%}$

NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
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TRUSS LAYOUT "C"

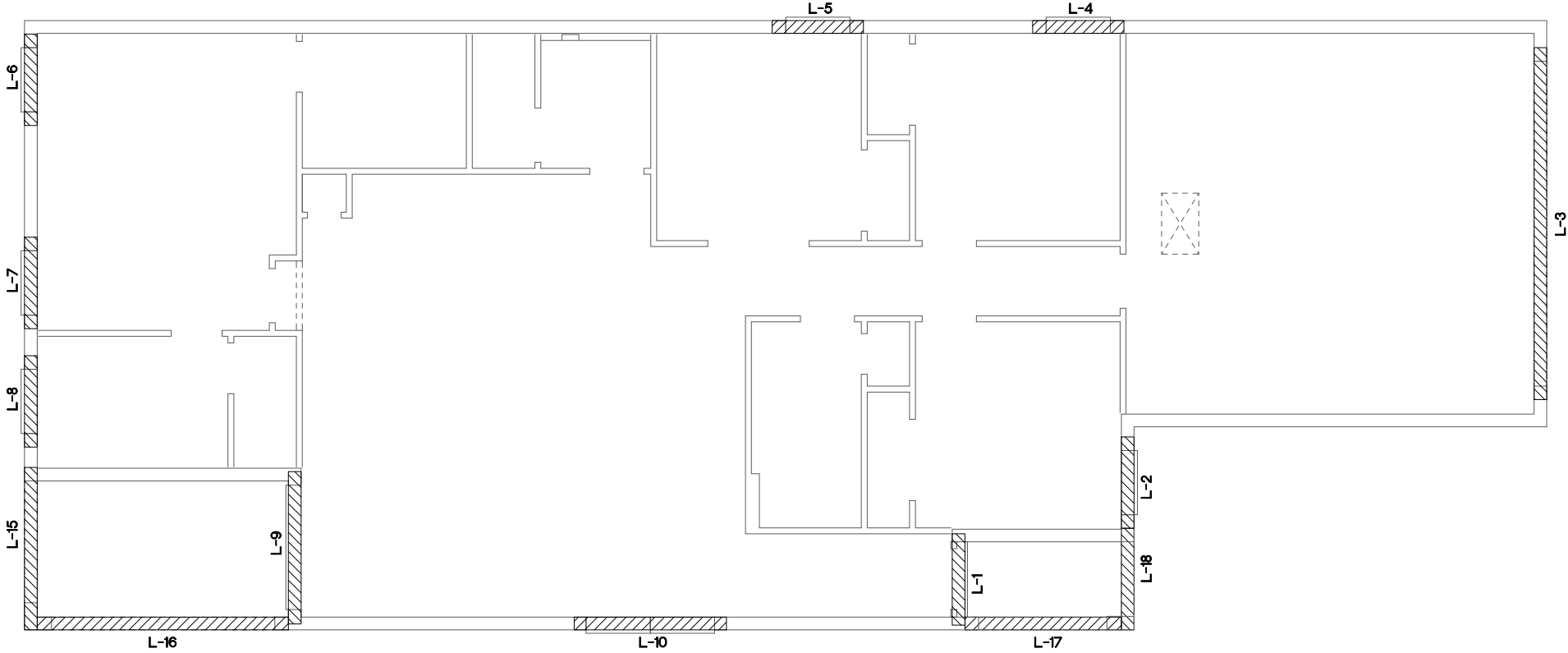
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



CAST CRETE / LOTT'S / WEKIWA / FLORIDA ROCK LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	4'-6"	8RF12-ØB/1T	3ØØØ FRONT DOOR
L 2	4'-6"	8F16-ØB/1T	SH25
L 3	11'-4"	8F34-1B/1T	GARAGE DOOR
L 4	4'-6"	8F16-ØB/1T	SH25
L 5	4'-6"	8F16-ØB/1T	SH25
L 6	4'-6"	8F16-ØB/1T	SH25
L 7	4'-6"	8F16-ØB/1T	SH25
L 8	4'-6"	8F16-ØB/1T	3/2X1/4 F.G.
L 9	1'-6"	8F16-ØB/1T	6/ØX8/Ø SGD.
L 10	1'-6"	8F16-ØB/1T	FR. SH25
L 11			
L 12			
L 13			
L 14			
L 15	1'-6"	8F16-ØB/1T	LANAI
L 16	13'-4"	8F8-1B/1T	LANAI
L 17	8'-Ø"	8F8-ØB/1T	FRONT ENTRY
L 18	5'-4"	8F16-ØB/1T	FRONT ENTRY
L 19			
L 20			
L 21			
L 22			
L 23			
L 24			
L 25			
L 26			
L 27			

PRE CAST LINTEL LAYOUT A,B,C

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



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		 HTEC THOMPSON ENGINEERING GROUP, INC. 10000 Lake Nona Blvd, Suite 400, Orlando, FL 32811 Ph: (407) 726-1450 Fax: (407) 724-1730 www.hg.com		

SAFE LOAD TABLES
FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS

		GRAVITY									
LENGTH	TYPE	8x8	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B	8F36-0B	8F40-0B
			8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1B	8F36-1B	8F40-1B
2'-10" (34')	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936		
3'-6" (42')	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936		
4'-0" (48')	PRECAST	2029	2525	2496	3461	4438	5410	6384	7358		
4'-6" (54')	PRECAST	1651	2187	1931	2691	3403	4149	4896	5644		
5'-4" (64')	PRECAST	1184	1223	1301	1809	2311	2816	3316	3816		
5'-10" (70')	PRECAST	972	1665	2889	5051	6096	5400	6424	7450		
6'-6" (78')	PRECAST	931	1029	1675	2385	1994	2439	2866	3333		
7'-6" (90')	PRECAST	761	1029	1675	2385	3839	5596	6613	8047		
9'-4" (112')	PRECAST	573	632	1049	1469	1210	1482	1754	2021		
10'-6" (126')	PRECAST	456	482	802	1125	915	1122	1328	1535		
11'-4" (136')	PRECAST	445	658	1029	1514	2081	2714	3330	4044		
12'-0" (144')	PRECAST	414	598	935	1365	1854	2441	3155	4044		
13'-4" (160')	PRECAST	362	545	864	1254	1689	2074	2510	3090		
14'-0" (168')	PRECAST	338	421	716	1078	1331	1635	1924	2310		
14'-8" (176')	PRESTRESSED	NR	485	748	1076	1438	1855	2343	2920		
15'-4" (184')	PRESTRESSED	NR	381	648	919	1190	1462	1801	2260		
17'-4" (208')	PRESTRESSED	NR	455	700	1003	1335	1714	2153	2666		
19'-4" (232')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR		
21'-4" (256')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR		
22'-0" (264')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR		
24'-0" (288')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR		

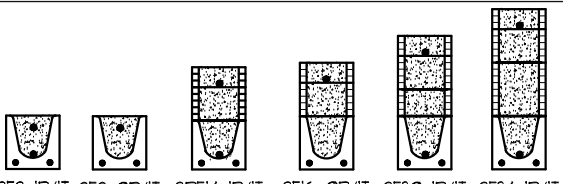
8" PRECAST W/ 2" RECESS DOOR U-LINTELS

		GRAVITY									
LENGTH	TYPE	8x16	8RF6-0B	8RF10-0B	8RF14-0B	8RF18-0B	8RF22-0B	8RF26-0B	8RF30-0B	8RF34-0B	8RF38-0B
			8RF6-1B	8RF10-1B	8RF14-1B	8RF18-1B	8RF22-1B	8RF26-1B	8RF30-1B	8RF34-1B	8RF38-1B
4'-4" (52')	PRECAST	1489	1591	3253	2982	3954	4929	5904	6880		
4'-6" (54')	PRECAST	1351	1821	3412	4982	6472	7941	9416	10878		
5'-8" (68')	PRECAST	785	1449	2182	2714	3600	4481	5375	6264		
5'-10" (70')	PRECAST	735	1702	3412	4982	6472	7941	9416	10878		
6'-8" (80')	PRECAST	822	832	1602	1550	2058	2566	3075	3585		
7'-6" (90')	PRECAST	665	1153	2162	4074	6472	6516	5814	6839		
9'-8" (116')	PRECAST	371	1719	1500	1449	1924	2400	2816	3392		
			1003	2051	3811	6472	6516	5450	6441		
			9071	16771	2933	2516	3223	3872	4522		
			9071	16771	2933	4100	6130	8171	67071		
			764	13771	2252	1958	2451	2944	3439		
			420	13771	2329	3609	5492	6624	9132		
			535	928	1491	1271	1342	1614	1886		

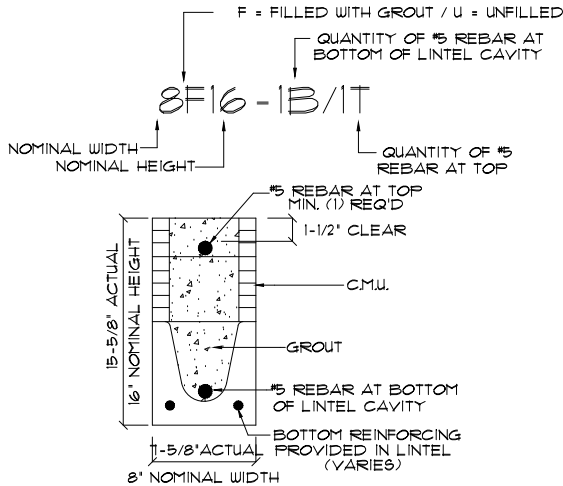
8" PRECAST & PRESTRESSED U-LINTELS

		UPLIFT										LATERAL	
LENGTH	TYPE	8F8-IT	8F12-IT	8F16-IT	8F20-IT	8F24-IT	8F28-IT	8F32-IT	8F36-IT	8F40-IT	8F44-IT	8x8	8F8
		8F8-2T	8F12-2T	8F16-2T	8F20-2T	8F24-2T	8F28-2T	8F32-2T	8F36-2T	8F40-2T	8F44-2T		
2'-10" (34')	PRECAST	2721	2819	4101	5332	6569	7811	9055				2091	2091
3'-6" (42')	PRECAST	2165	2184	3381	5190	64071	7630	8851				1291	1291
4'-0" (48')	PRECAST	1878	1899	2832	3680	4532	5381	6245				938	938
4'-6" (54')	PRECAST	1660	1762	25071	32571	4010	47671	5525				7271	7271
5'-4" (64')	PRECAST	1393	1484	2100	2741	3375	4010	4648				505	505
5'-10" (70')	PRECAST	1272	13571	1930	2509	3084	3665	42471				418	418
6'-6" (78')	PRECAST	1141	1200	1733	2250	2769	3290	3812				7071	8871
7'-6" (90')	PRECAST	959	912	1415	1914	2394	27971	3240				591	6571
9'-4" (112')	PRECAST	801	920	1029	1466	19071	2351	27971	3245			454	630
10'-6" (126')	PRECAST	716	801	935	1269	1560	1852	2144				396	493
11'-4" (136')	PRECAST	666	716	811	1039	1389	1711	2034	2358			363	556
12'-0" (144')	PRECAST	6071	631	816	10271	1361	1696	2026				340	494
13'-4" (160')	PRECAST	573	631	816	10271	1361	1696	2026				302	398
14'-0" (168')	PRECAST	458	518	629	922	1254	15671	1816				286	360
14'-8" (176')	PRESTRESSED	243	295	459	591	724	8571	990				NR	3571
15'-4" (184')	PRESTRESSED	228	278	430	553	6771	8071	925				NR	3271
17'-4" (208')	PRESTRESSED	188	236	361	479	5671	670	774				NR	295
19'-4" (232')	PRESTRESSED	165	207	319	407	490	578	6671				NR	204
21'-4" (256')	PRESTRESSED	145	186	278	356	433	512	590				NR	172
22'-0" (264')	PRESTRESSED	1371	205	322	4571	6071	771	947				NR	1671
24'-0" (288')	PRESTRESSED	1271	165	244	312	380	447	515				NR	135

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



TYPE DESIGNATION



MATERIALS

1. f'c precast lintels = 3500 psi.
2. f'c prestressed lintels = 6000 psi.
3. f'c grout = 3000 psi w/ maximum 3/8" aggregate.
4. Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
5. Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
6. Prestressing strand per ASTM A416 grade 270 low relaxation.
7. 1/32 wire per ASTM A510.
8. Mortar per ASTM C270 type M or S.

GENERAL NOTES

1. Provide full mortar head and bed joints.
2. Shore filled lintels as required.
3. Installation of lintel must comply with the architectural and/or structural drawings.
4. Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
5. All lintels meet or exceed L/360 vertical deflection, except lintels 17'-4" and longer with a nominal height of 8' meet or exceed L/180.
6. Bottom field added rebar to be located at the bottom of the lintel cavity.
7. 1/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
8. Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
9. Safe load ratings based on rational design analysis per ACI 318 and ACI 530.

SAFE LOAD TABLE NOTES

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

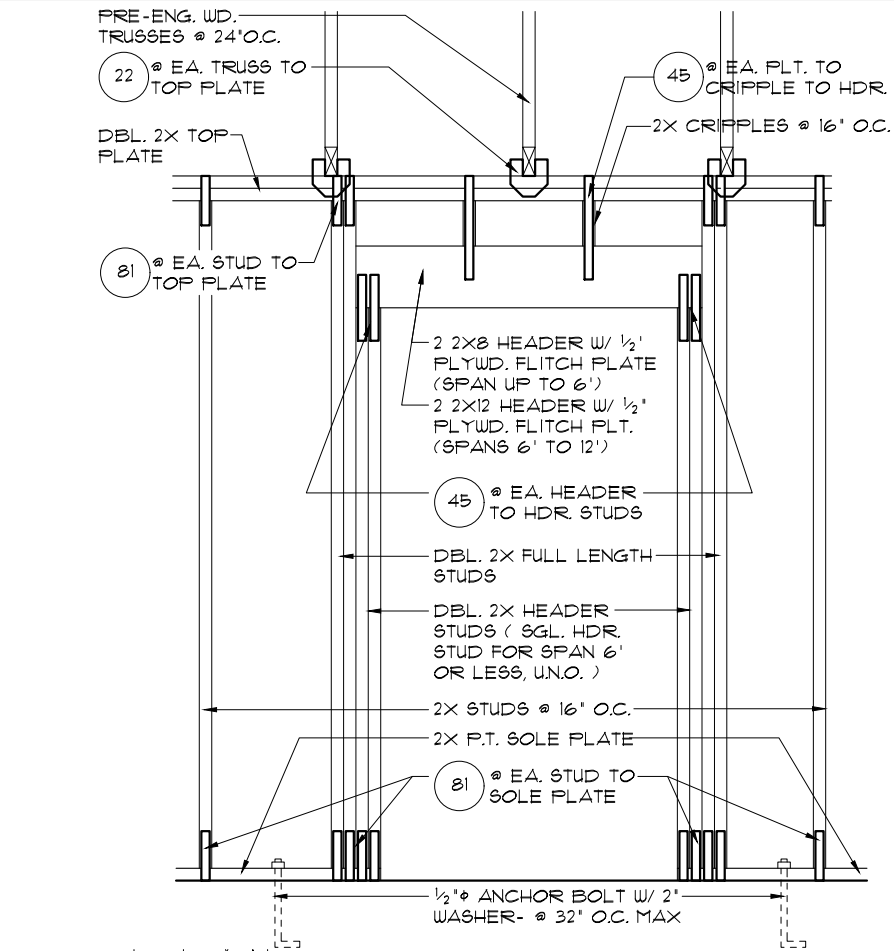
8" PRECAST W/ 2" RECESS DOOR U-LINTELS

		UPLIFT										LATERAL	
LENGTH	TYPE	8RF6-IT	8RF10-IT	8RF14-IT	8RF18-IT	8RF22-IT	8RF26-IT	8RF30-IT	8RF34-IT	8RF38-IT	8RF42-IT	8x16	8RF6
		8RF6-2T	8RF10-2T	8RF14-2T	8RF18-2T	8RF22-2T	8RF26-2T	8RF30-2T	8RF34-2T	8RF38-2T	8RF42-2T		
4'-4" (52')	PRECAST	1244	1513	2415	3260	412	45671	5825				332	932
4'-6" (54')	PRECAST	1192	15071	2311	321	39371	4756	55771				853	853
5'-8" (68')	PRECAST	1192	1455	2240	3026	38371	4643	5453				501	501
5'-10" (70')	PRECAST	924	1192	1785	2423	3055	3689	4325				469	469
6'-8" (80')	PRECAST	718	882	1513	2042	2573	3107	3642				830	1000
7'-6" (90')	PRECAST	680	6971	1325	1910	2280	2753	32271				710	941
9'-8" (116')	PRECAST	533	5271	1009	1369	1728	2088	2450				516	614

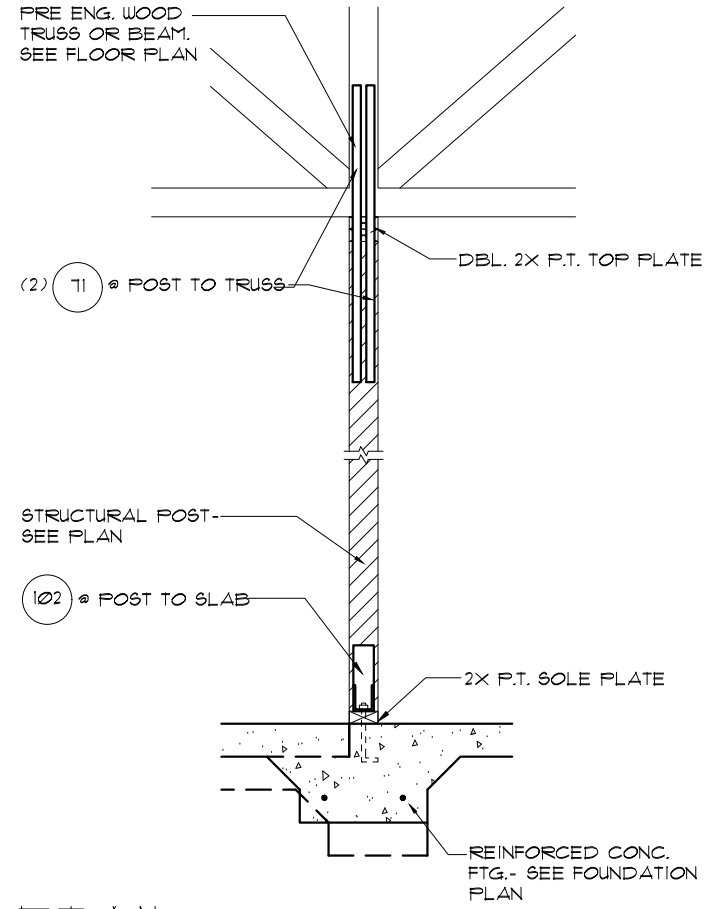
*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

CONNECTOR SCHEDULE

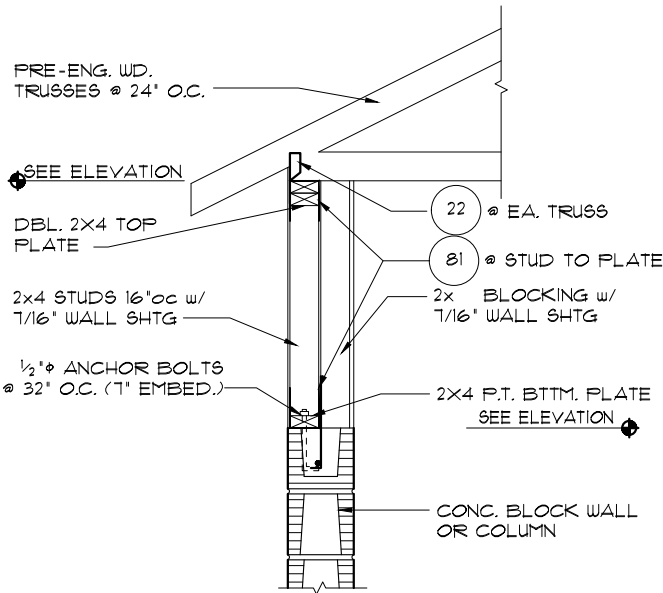
CONNECT. TYPE	SIMPSON		USP		MAX. UPLIFT	LAT. LDS. F1 / F2
	DESCRIPTION	FASTENERS PER CONNECTOR	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA20	14-10d x 1½"	ETA20	14-10d	1810	65 / 960
5	DETAL20	18-10d x 1½"	N/A	N/A	2480	2000 / 1370
20	H3	RFT: 4-8d / PLT: 4-8d	RT3	RFT: 4-8d / PLT: 4-8d	455	125 / 160
21	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	H25	RFT: 5-8d / PLT: 5-8d	RT7	RFT: 5-8d / PLT: 5-8d	415	150 / 150
34	A34	H: 4-8dx1½" / F: 4-8dx1½"	MP34	H: 4-8dx1½" / F: 4-8dx1½"	365	280 / 303
35	A35F	H: 4-8dx1½" / F: 4-8dx1½"	MPAIF	H: 6-8dx1½" / F: 6-8dx1½"	440	440 / N/A
37	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	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	SPH46.8	12-10d x 1½"	TP46.8	12-10d x 1½"	885	N/A
88	CB5Q88	12 SDS 1/4X2"	TP46.8	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	CB5Q66	14 SDS 1/4X2"	PAU66	12-16d	3,190	N/A
92	ABU44	12-16d	PAU44	12-16d	2,200	N/A
93	AC6 (MAX)	28-16d	PB666	24-16d	1,815	1,070
94	AC4 (MAX)	28-16d	PB544	24-16d	1,815	1,070
95	HTS20	20-10d	HTW20	20-10d	1,450	N/A
96	HD8A	SILL: ⅞" BOLT STUD: (3) ⅞"X5½" BOLTS	HH8A	SILL: ⅞" BOLT STUD: (3) ⅞"X5½" BOLTS	7,910	N/A
97	MTT28B	24-16d	MTS27B	24-16d	4,455	N/A
99	A35	H: 4-8dx1½" / F: 4-8dx1½"	MPA1	H: 6-8dx1½" / F: 6-8dx1½"	440	440 / N/A
101	HTT4	⅝" BOLT / 18-16dX2½"	N/A	N/A	3,640	N/A
102	HTT5	⅝" BOLT / 26-10d	N/A	N/A	4,275	N/A
103	VGTR/L	32-SDS ¼"X3" / (2) ⅝" BLT	N/A	N/A	3,990	N/A
104	HDUB-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: 10-½"X1½" TC JOIST : 10-16d	HUS412	BLOCK: 10-¼"X1½" TC JOIST : 10-16d	1,895	N/A
215	HGU5210-2	HDR: 46-16d / JST: 10-16d	EHU5210-2	HDR: 40-16d / JST: 16-10d	2,720	N/A
216	HUC5412	BLOCK: 10-½"X1½" TC JOIST : 10-16d	HUS412	BLOCK: 10-¼"X1½" TC JOIST : 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-½"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 JOIST: 18-10d	NFM35X12U	H: 1-½" J-BOLT J: 5-½" BOLTS	3,145	N/A
220	N/A	N/A	NFM 3X12	BLK: ½" Φ J / JST: 14-10d	1,620	N/A
226	MBHA4.75/12	HDR : (2) ¾" Φ x 8" JOIST : 18-10d	NFM45U	HDR : MIN. ½" Φ "J" BOLT JOIST : (5) ½" Φ BOLTS	2,160	N/A
231	MBHA3.56/16	HDR : (2) ¾" Φ x 8" JOIST : 18-10d	NFM3.5X16U	HDR : MIN. ½" ΦxJ-BOLTS JOIST : (5) ½" Φ BOLTS	3,450	N/A
232	MBHA5.50/16	HDR : (2) ¾" Φ x 8" JOIST : 18-10d	NFM5.5X16U	HDR : MIN. ½" ΦxJ-BOLTS JOIST : (5) ½" Φ BOLTS	3,450	N/A
240	H15	R: 4-10dx1½" / F: 4-10dx1½"	N/A	N/A	1,300	480 / N/A
241	LGT2	30-16d-sinker	LUGT2	32-10d	2,000	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	6,485	N/A
303	HGT-4	LTL: ¾"BLTS/GIR: 16-10d	N/A	N/A	9,250	N/A
305	FGTR (2-FLY)	TRUSS: 36 SDS ½"X3" WALL: (4) ½"X5" TITEN HD	N/A	N/A	9,400	N/A
401	SUR/L414	FACE: 18-16d / JST: 8-16d	N/A	N/A	1,700	N/A
T	CONNECTORS TO BE SPECIFIED AND PROVIDED BY TRUSS MANUFACTURERS					



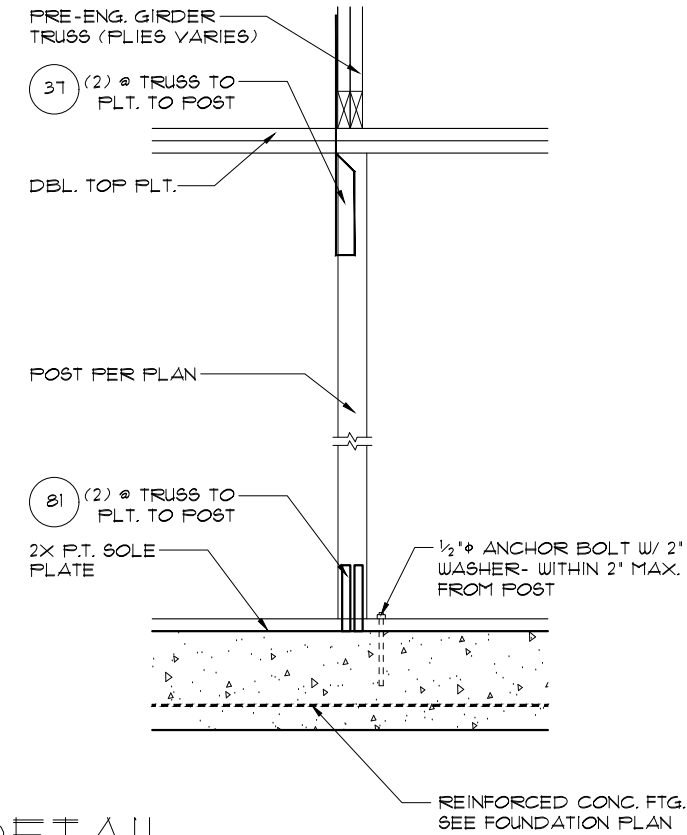
3 DETAIL (BRG. W/ UPLIFT)
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



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



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



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

THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2003 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, COMMUNITY

THRIVE PRODUCT

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DATE	06-01-22
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JOB	1501
SHEET	11
OF	SHEETS

TYPICAL DETAILS / CONNECTOR SCHEDULE
1501 DELIGHT
THRIVE SERIES

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