

1501
DELIGHT
30' THRIVE
30' X 75'

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

SHEET INDEX:

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

SHEET INDEX:

00	COVER SHEET
01.0	FOUNDATION PLAN B
02.0	FLOOR PLAN W/ DIMENSIONS B
03.0	FLOOR PLAN W/ NOTES B
04B.0	EXTERIOR ELEVATIONS- FRONT/ REAR "B"
05B.0	EXTERIOR ELEVATIONS- LEFT/ RIGHT "B"
06	CROSS SECTION AND INTERIOR ELEVATIONS
07.0	ELECTRICAL PLAN B
08B.0	TRUSS LAYOUT "B"
09.0	PRECAST LINTEL LAYOUT B
10	TYPICAL DETAILS
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D7	TYPICAL STRUCTURAL DETAILS

SHEET INDEX:

00	COVER SHEET
01.0	FOUNDATION PLAN C
02.0	FLOOR PLAN W/ DIMENSIONS C
03.0	FLOOR PLAN W/ NOTES C
04C.0	EXTERIOR ELEVATIONS- FRONT/ REAR "C"
05C.0	EXTERIOR ELEVATIONS- LEFT/ RIGHT "C"
06	CROSS SECTION AND INTERIOR ELEVATIONS
07.0	ELECTRICAL PLAN C
08C.0	TRUSS LAYOUT "C"
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THIS STRUCTURE IS DESIGNED TO WITHSTAND 140 MPH WINDS PER THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE RESIDENTIAL AND IS CERTIFIED AS SUCH

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OF

SHEET

JOB

1501

DRAWN

RDC

SCALE

AS NOTED

DATE

06-01-22

1501 DELIGHT

THRIVE SERIES

COVER SHEET

Park Square HOMES

A DIVISION OF PARK SQUARE ENTERPRISES, INC.

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ITEG

THOMPSON ENGINEERING GROUP, INC.

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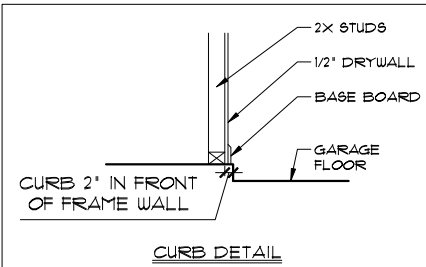
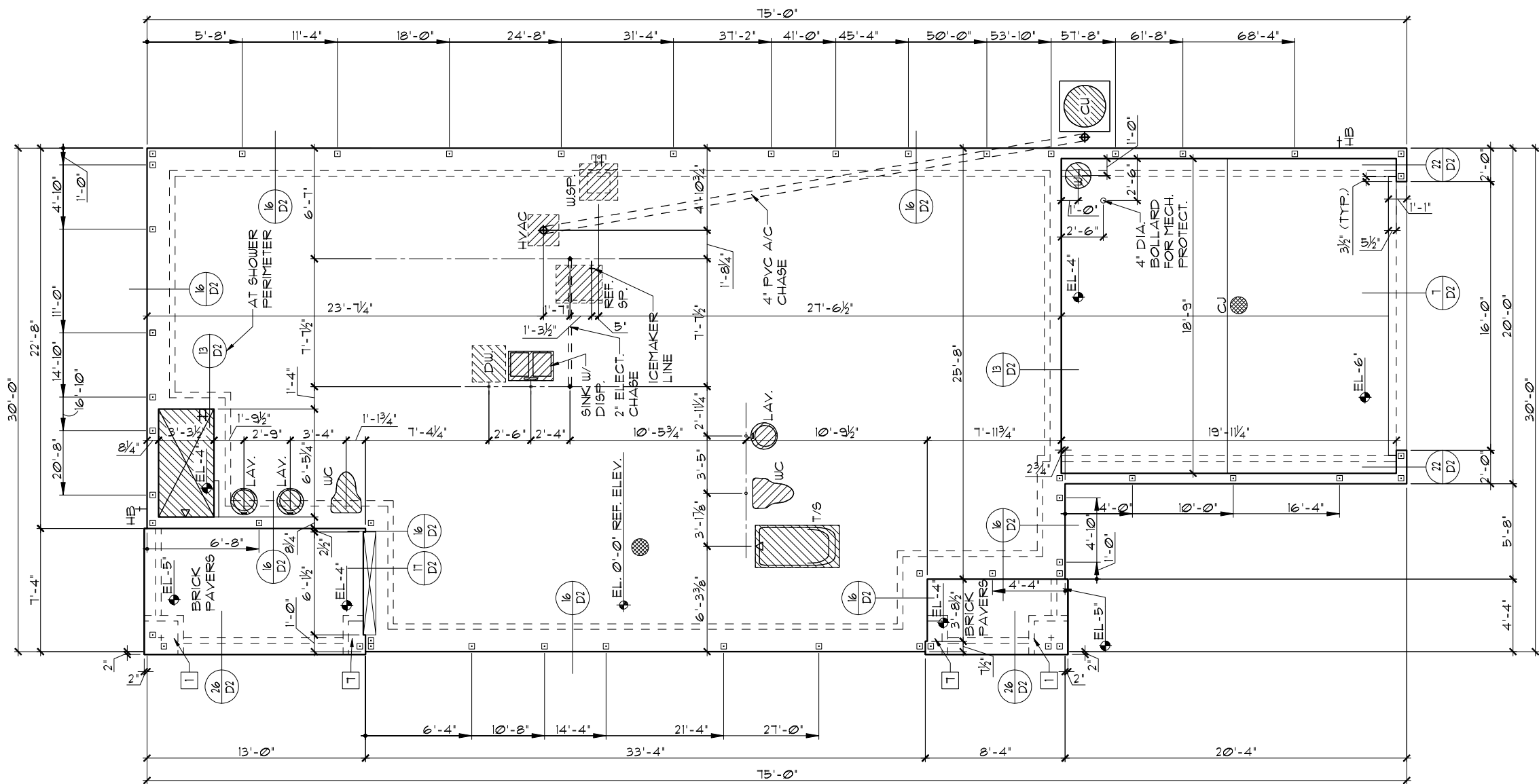
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THRIVE PRODUCT

- 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., 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. WUF SHALL BE PLACED IN THE MIDDLE TO UPPER 1/3 OF THE SLAB AND SUPPORTED BY APPROVED SLAB BOLSTERS.
***NOTE: FIBERMESH REINFORCEMENT MAY BE USED AS AN ALTERNATE TO WIRE MESH.
 7. PAVERS MAY BE USED ILO CONCRETE IN PATIO, PORCH, DRIVEWAYS AND WALKWAYS. DELETE SLAB IN AREAS PAVERS ARE USED.
 8. MECHANICAL EQUIPMENT LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
 9. IN LIEU OF TERMITE TREATING THE SOIL, TERMICIDE MAY BE USED AS AN ALTERNATIVE.

FOUNDATION PLAN C

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



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

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FOUNDATION PLAN

Park Square HOMES

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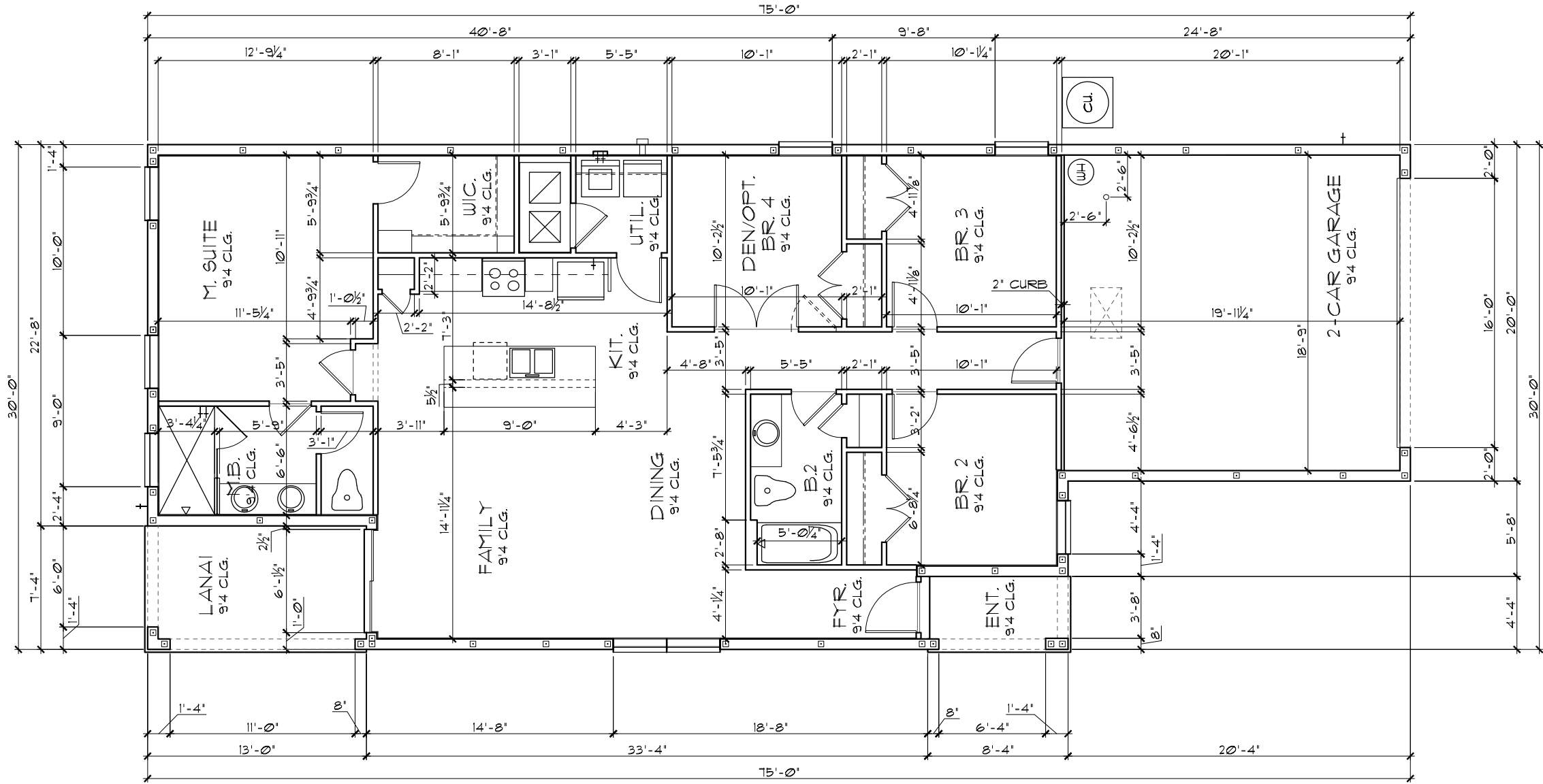
Orlando, Florida 32811

Phone: (407) 529-3000

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

GENERAL NOTES	
1.	CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
2.	DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
3.	ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3½" UNLESS NOTED OTHERWISE.
4.	ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 1½" UNLESS NOTED OTHERWISE.
5.	ALL INTERIOR CEILINGS AT 9'-4" UNLESS NOTED OTHERWISE.
6.	MECHANICAL EQUIPMENT LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.

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



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SHEET

02.0
OF SHEETS

JOB

1501

DRAWN

RDC

SCALE AS NOTED

DATE 06-01-22

1501 DELIGHT

FLOOR PLAN W/ DIMENSIONS

Park Square
HOMES

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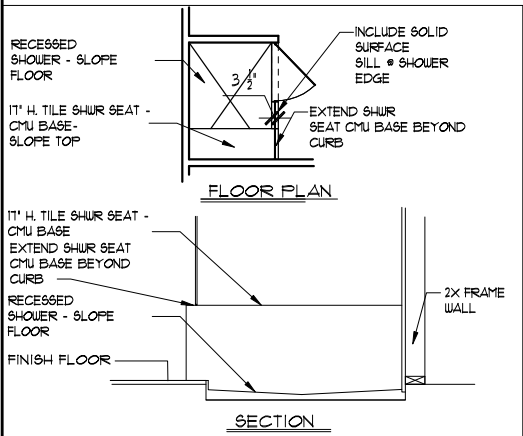
REVISIONS	BY

THRIVE PRODUCT

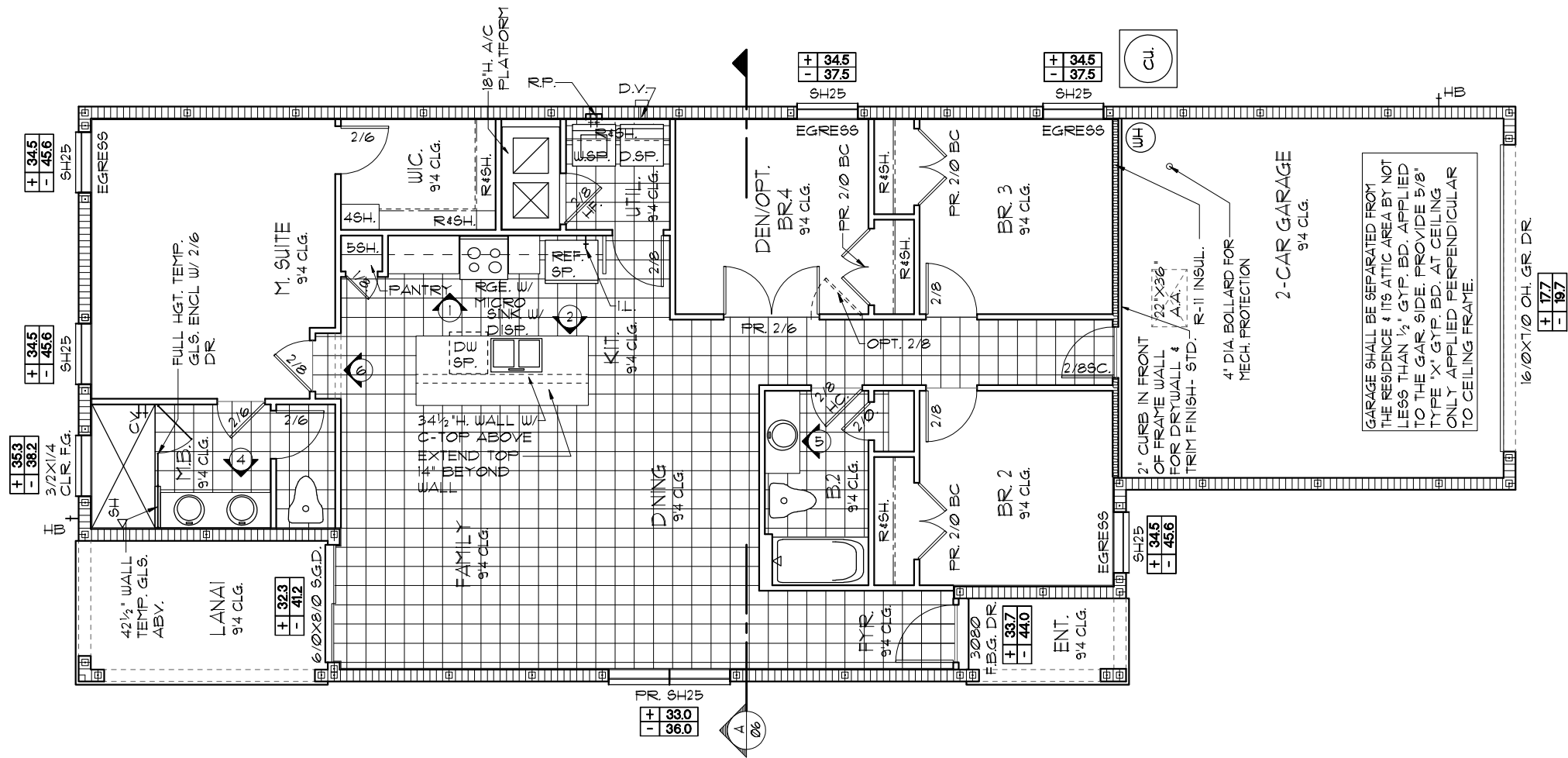
LOAD INFORMATION		
PER 8TH EDITION, 2023 FLORIDA BUILDING RESIDENTIAL CODE		
DEAD LOADS		
FLOOR: STRUCTURE	-----	1 P&F
CEILINGS	-----	3 P&F
MECH/ELEC	-----	5 P&F
PARTITIONS	-----	5 P&F
TOTAL	-----	20 P&F
ROOF: SHEATHING	-----	5 P&F
STRUCTURE	-----	1 P&F
CEILINGS	-----	3 P&F
MECH/ELEC	-----	5 P&F
TOTAL	-----	20 P&F
FLOOR LIVE LOADS		
RESIDENTIAL FLOOR:	-----	40 P&F
UNINHABITABLE ATTIC WITHOUT STORAGE:	-----	10 P&F
UNINHABITABLE ATTIC W/LIMITED STORAGE:	-----	20 P&F
ROOMS OTHER THAN SLEEPING ROOM:	-----	40 P&F
SLEEPING ROOM:	-----	30 P&F
STAIR LIVE LOAD:	-----	40 P&F
BALCONIES:	-----	40 P&F
PASSANGER VEHICLE GARAGE:	-----	50 P&F
ROOF LIVE LOADS		
MINIMUM ROOF LIVE LOAD (P&F) TRIBUTARY LOADED AREA (SQ. FT.) FOR ANY STRUCTURAL MEMBER		
ROOF SLOPE	0-200	201-600
0:12 < 4:12	20	16
≥ 4:12 < 12:12	16	14
≥ 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 COEFFICIENT:	-----	IN NOTE #6
6. COMPONENT / CLADDING-----	SEE PLAN DESIGN WIND PRESSURE:	
+ .XXX	DESIGN WIND PRESSURE IAW FLA	
- .XXX	RESIDENTIAL CODE, SECTION R301	
NOTE: DESIGN PRESSURES BASED ON BASIC WIND SPEED AND NOT ULTIMATE WIND SPEED.		

GENERAL NOTES		
1.	PROVIDE RECESS HOT & COLD WATER WITH DRAIN @ WASHER SPACE.	
2.	VENT DRYER THRU ROOF.	
3.	PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.	
4.	DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.	
5.	MECHANICAL EQUIPMENT LOCATION TO BE DETERMINED BY COMMUNITY STANDARDS AND APPLICABLE COUNTY CODES.	
6.	DENOTES CONC. BLOCK WALL HGT. @ 9'-4" 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 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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REVISIONS		BY
DATE		06-01-22
SCALE		AS NOTED
DRAWN		RDC
JOB		1501
SHEET		03.0
OF		SHEETS

1501 DELIGHT

THRIVE SERIES

FLOOR PLAN W/ NOTES

Park Square HOMES

A DIVISION OF PARK SQUARE ENTERPRISES, INC.

5200 Vineland Road, Suite 200

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Phone: (407) 529 - 3000

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HOOPER ENGINEERING GROUP, INC.

11111 South Lake Naranja, FL 32811

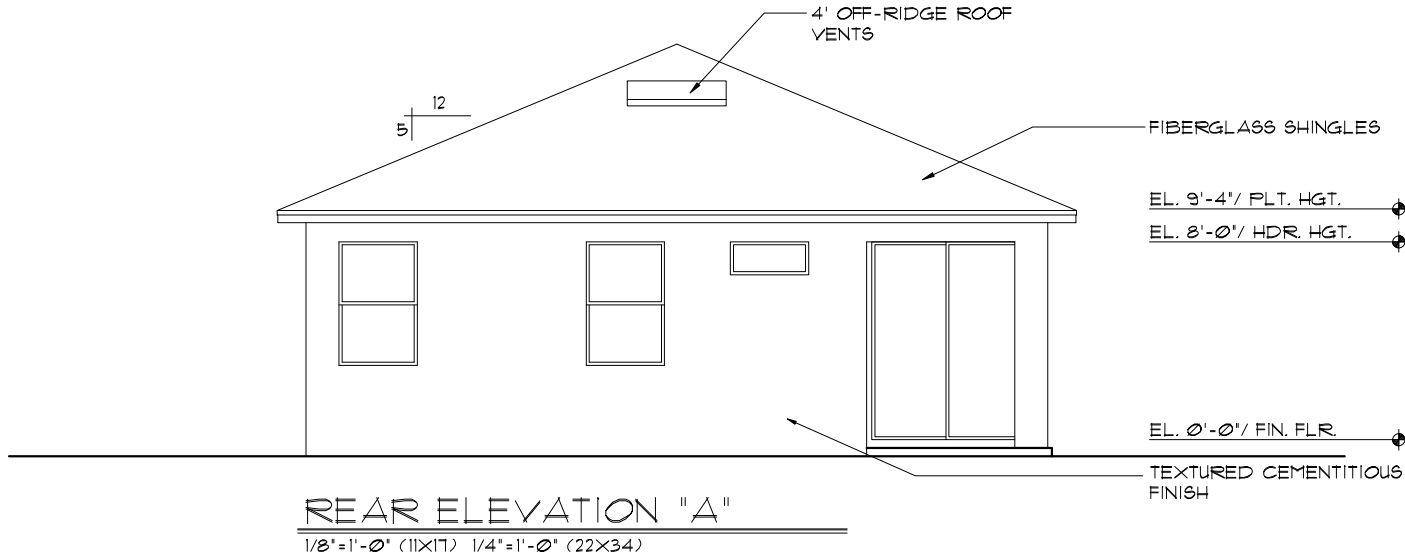
PH: (407) 734-1400

FAX: (407) 734-1780

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EXTERIOR FINISH NOTES

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



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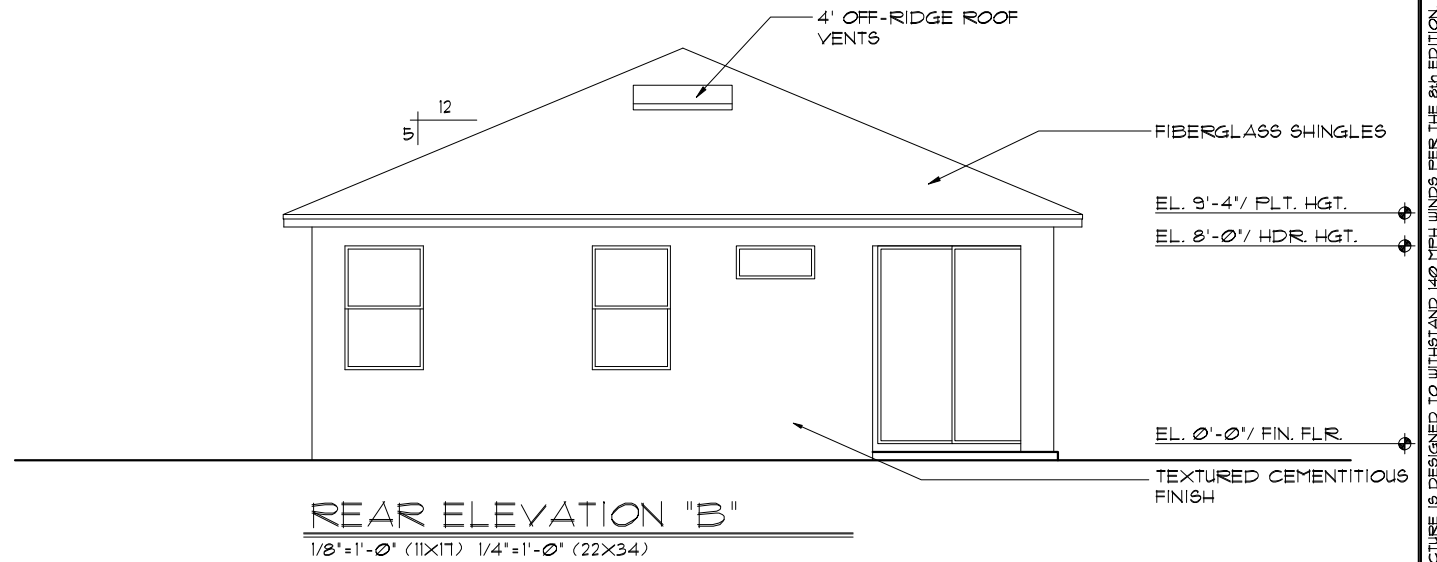
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A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529 - 3000	

EXTERIOR ELEVATION FRONT AND REAR	
1501 DELIGHT	THRIVE SERIES
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EXTERIOR FINISH NOTES

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2. PLASTERING TO BE WITH PORTLAND CEMENT, INSTALLED IAW R703.7.2 OF THE 8TH EDITION, FBCR. 2023
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Park Square HOMES

EXTERIOR ELEVATION
FRONT AND REAR

1501 DELIGHT

THRIVE SERIES

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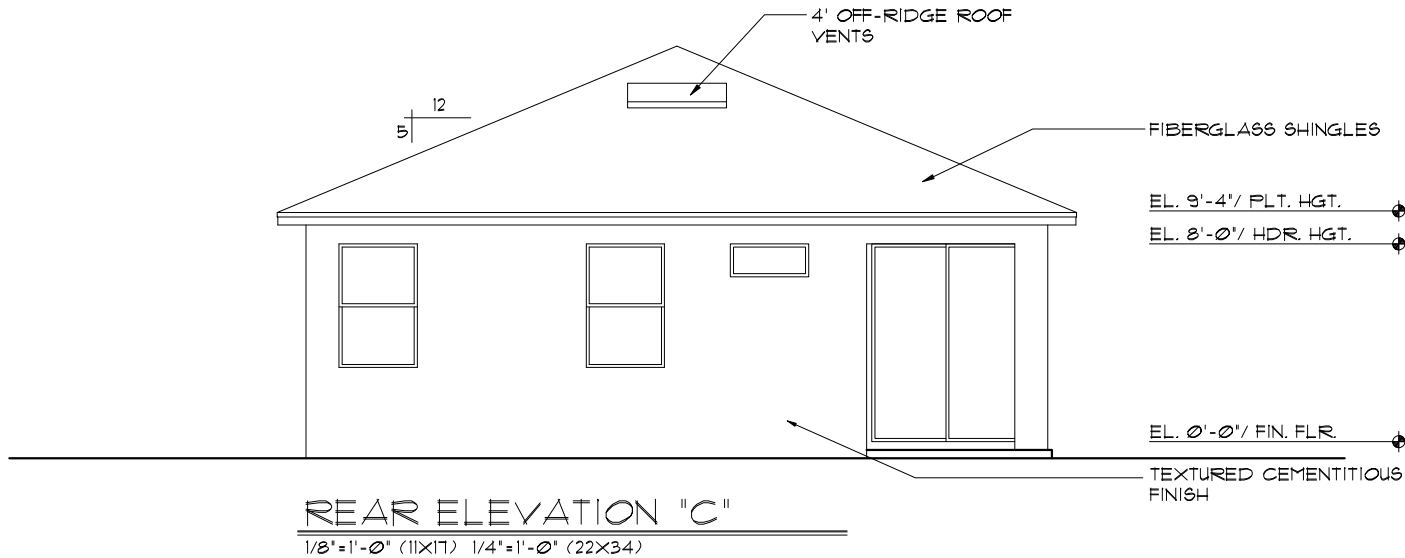
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EXTERIOR ELEVATION FRONT AND REAR		1501 DELIGHT THRIVE SERIES
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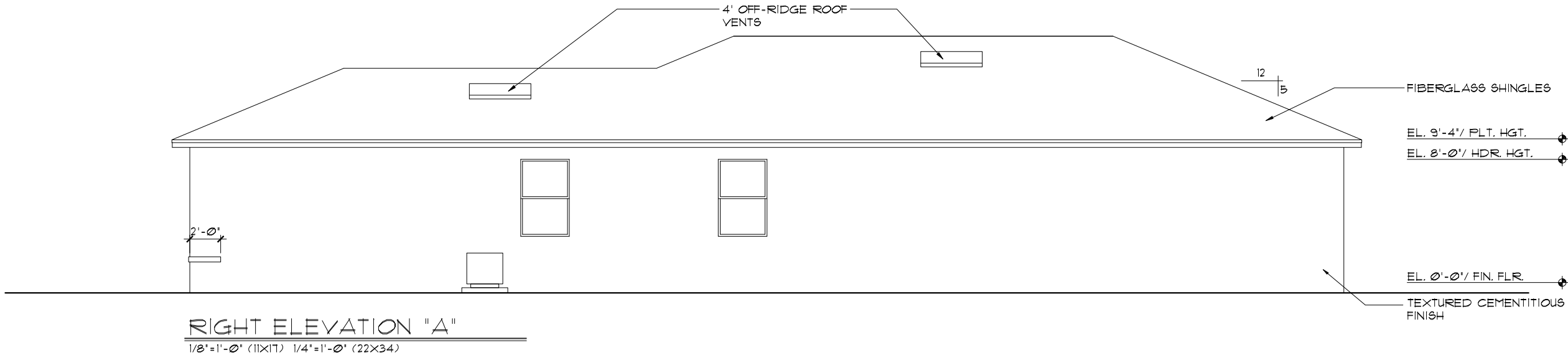
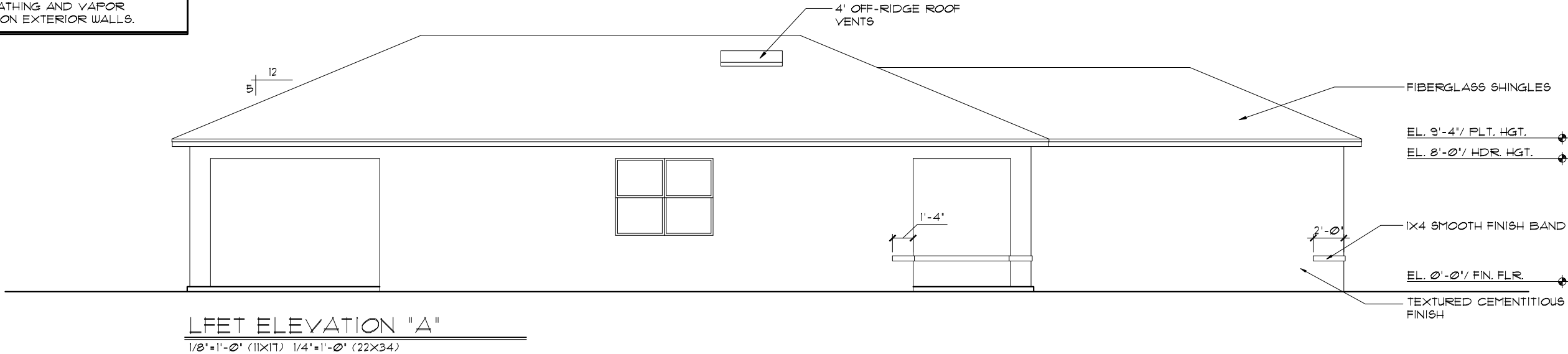
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	Park Square HOMES	
	EXTERIOR ELEVATION LEFT AND RIGHT	
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THE FIVE FOLD

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**Park
Square
HOMES**

EXTERIOR ELEVATION
LEFT AND RIGHT

1501 DELIGHT

THRIVE SERIES

DATE 06-01-20

SCALE AS NOTED

DRAWN RDC

JOB 150

SHEET
05B.0
OF SHEETS

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



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

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

Park Square HOMES

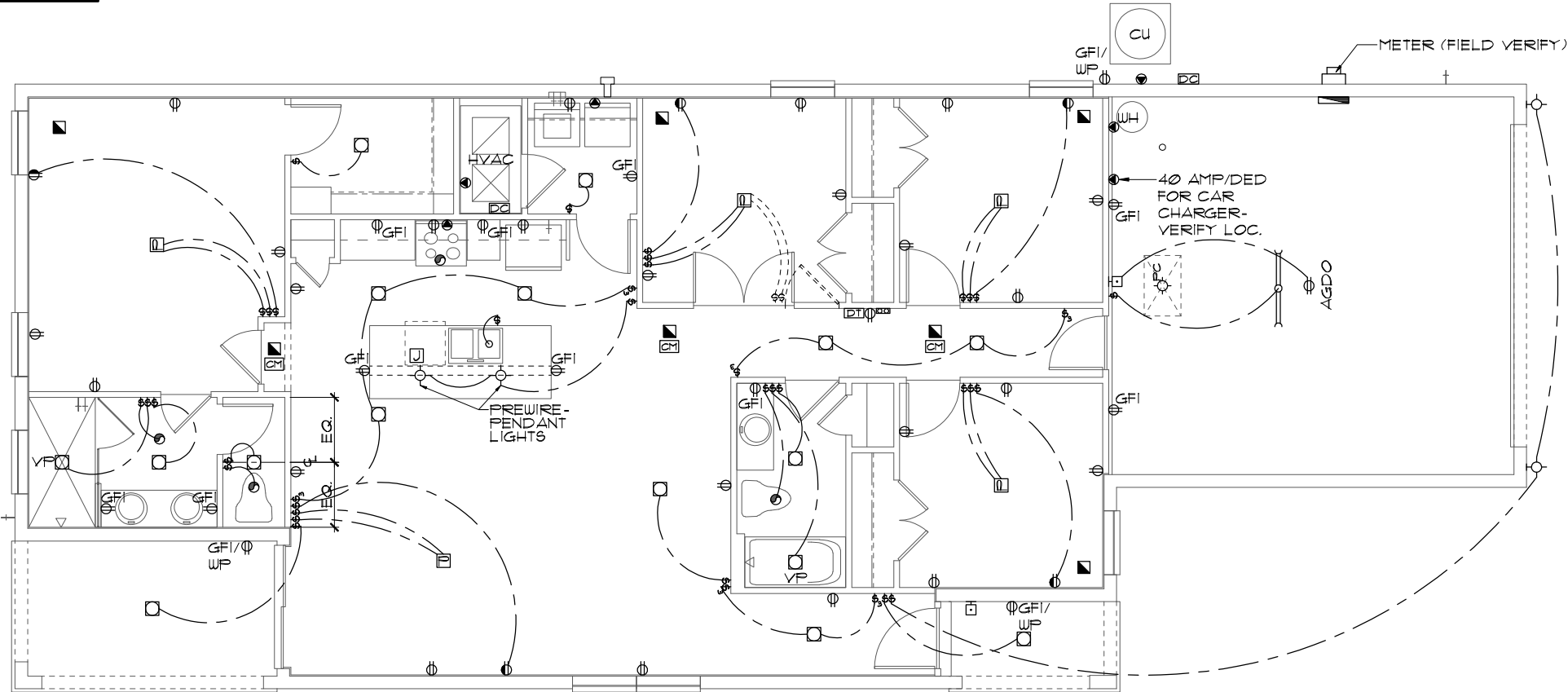
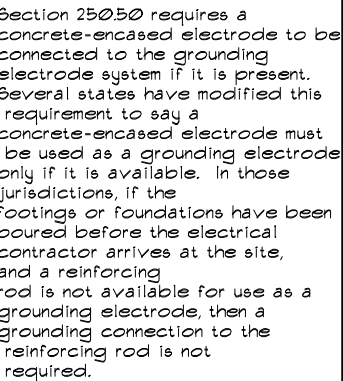
EXTERIOR ELEVATION
LEFT AND RIGHT

1501 DELIGHT

THRIVE SERIES

DATE 06-01-2006
SCALE AS NOTED
DRAWN RDO
JOB 150
SHEET
05C.0
OF SHEETS

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

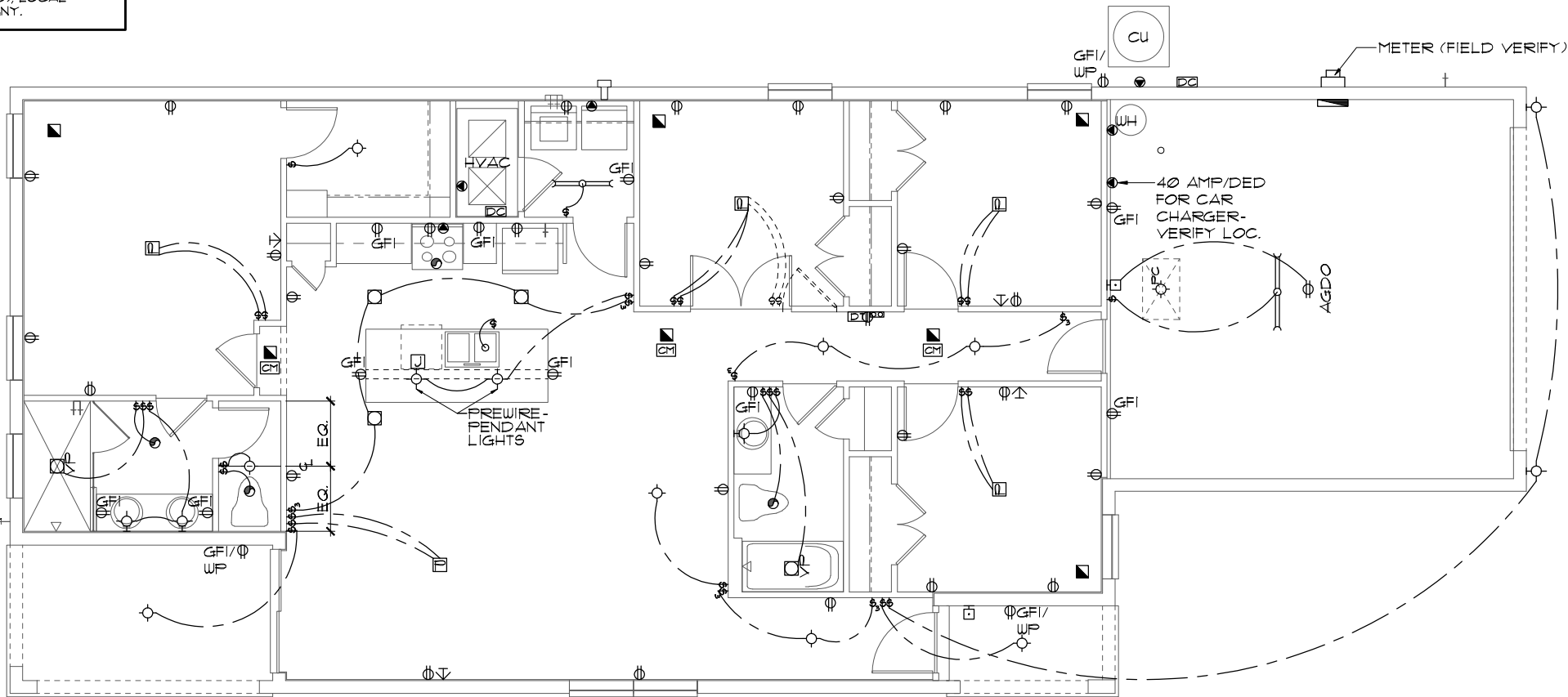
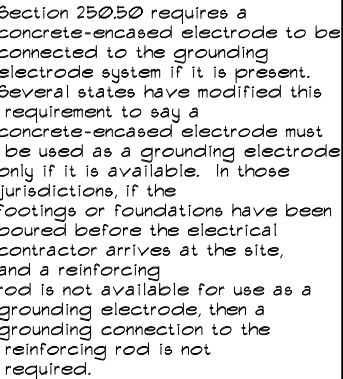


$1/8'' = 1' - 0''$ (11X17) $1/4'' = 1' - 0''$ (22X34)

	SINGLE POLE SWITCH
	THREE WAY SWITCH
	OUTLET 110-115
	OUT. 110-115, SPLIT WIRED
	OUT. 110-115, w/ USB
	OUT. 110-115, CLG. MOUNT.
	OUT. 110-115, FLR. MOUNT.
	SPECIAL PURPOSE 220-240
	LIGHT FIXT., CLG. MTD.
	LIGHT FIXT., WALL MTD.
	LED LIGHT FIXT., RECESSED
	LIGHT FIXT., REC. ADJUST.
	LIGHT FIXT., FULL CHAIN
	LED LIGHT FIXT., FLUORESCENT
	LIGHT FIXT., EXT. FLOODS
	LIGHT FIXT., EMERG. EXIT
	LIGHT FIXT., EXIT/BACKUP

	OUTLET, TV/CABLE
	OUTLET, PHONE
	INTERCOM
	CHIMES
	SMOKE DETECTOR/SMOKE
	CARBON MONOXIDE
	PUSH BUTTON
	EXHAUST FAN
	EX. FAN/LIGHT COMBO
	DISPOSAL
	ELECTRICAL PANEL
	CEILING FAN, PREWIRE
	CEILING FAN, INSTALL
	ELECT. JUNCTION BOX
	THERMOSTAT
	DISCONNECT SWITCH
	ELEC. POWER METER

DATE	06-01-20
SCALE	AS NOTED
DRAWN	RDO
JOB	150
SHEET	07.0
OF	SHEETS



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
	SPECIAL 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., EXIT/BACKUP		DISCONNECT SWITCH
			ELEC. POWER METER

DATE	06-01-20
SCALE	AS NOTED
DRAWN	RDC
JOB	150
SHEET	07.0
OF	SHEETS

ATTIC VENTILATION CALCULATIONS

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

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

TOTAL VENTED SPACE: $\frac{2,0478\text{F.}}{300} = 6,828\text{F.}$ NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL: $\frac{3,48\text{F.}}{}$
PROVIDED W/OFF RIDGE VENTS: 4 VENTS @ $\frac{858\text{F.}}{}$ VENT.
(VENT TYPE: LOMANCO MODEL T10-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL: $\frac{18,965\text{F.}}{}$
PROVIDED W/ VENTILATED SOFFITS @ EAVE:-
($\frac{218\text{L.F.}}{}$ @ $\frac{0.0875\text{F.}}{}$ VENTING PER L.F.)

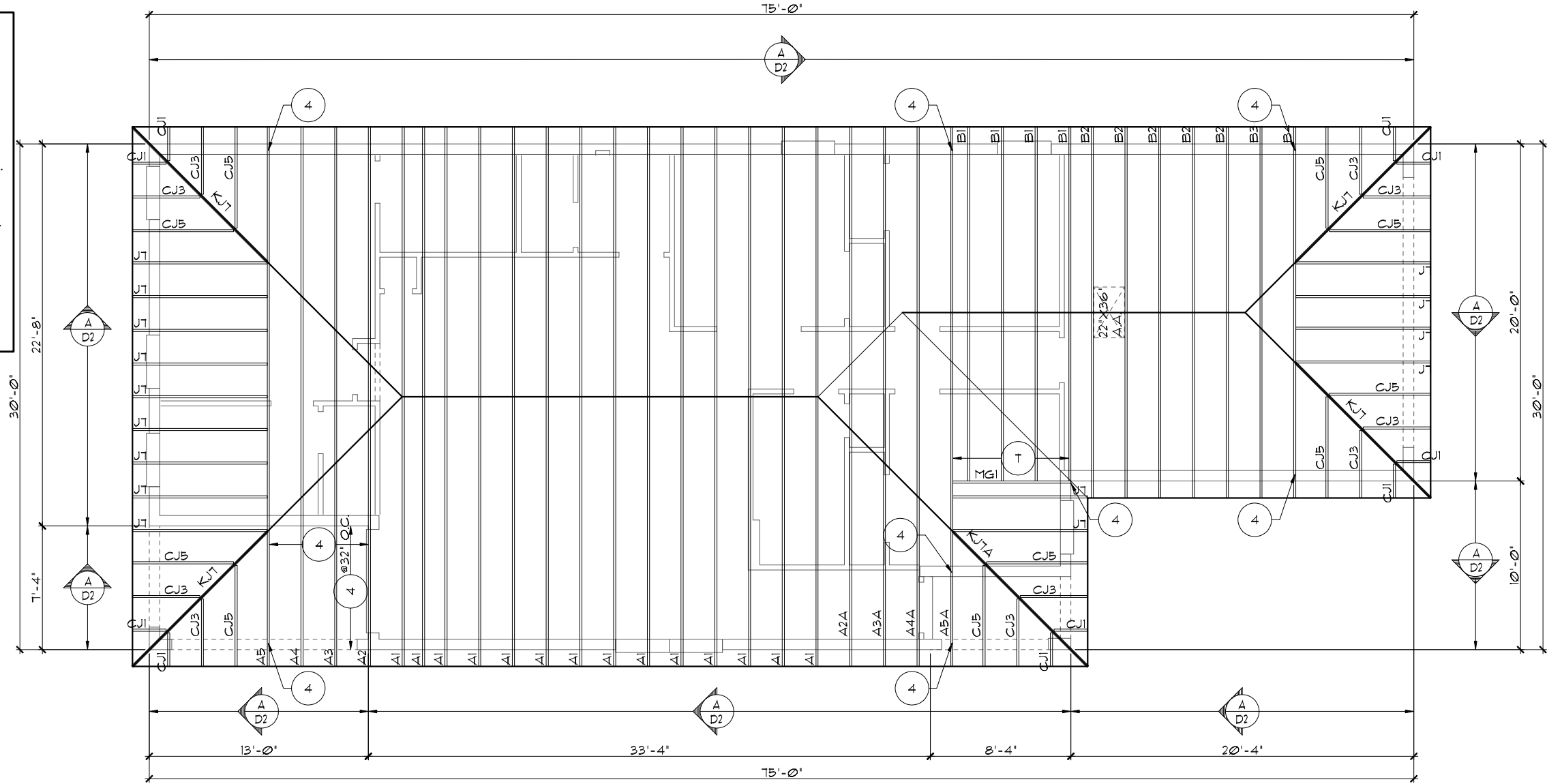
UPPER PORTION PERCENTAGE: $\frac{50\%}{}$
LOWER PORTION PERCENTAGE: $\frac{50\%}{}$

NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/UTCA BC91 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.

TRUSS LAYOUT "A"

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



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

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Park Square HOMES A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vireland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529-3000	
TRUSS LAYOUT	
1501 DELIGHT THRIVE SERIES	
DATE	06-01-22
SCALE	AS NOTED
DRAWN	RDC
JOB	1501
SHEET	08A.0
OF	10 SHEETS

ATTIC VENTILATION CALCULATIONS

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

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

TOTAL VENTED SPACE: $\frac{2,0478\text{F.}}{300} = 6,828\text{F.}$ NET FREE VENT. REQUIRED

UPPER PORTION VENTILATION TOTAL:----- 3,48F.
PROVIDED W/OFF RIDGE VENTS: 4 VENTS @ .858F. /VENT.
(VENT TYPE: LOMANCO MODEL TT0-D OR MILLENNIUM METAL)

LOWER PORTION VENTILATION TOTAL:----- 18,965F.
PROVIDED W/ VENTILATED SOFFITS @ EAVE:--
(218L.F. @ 0.0878F. VENTING PER L.F.)

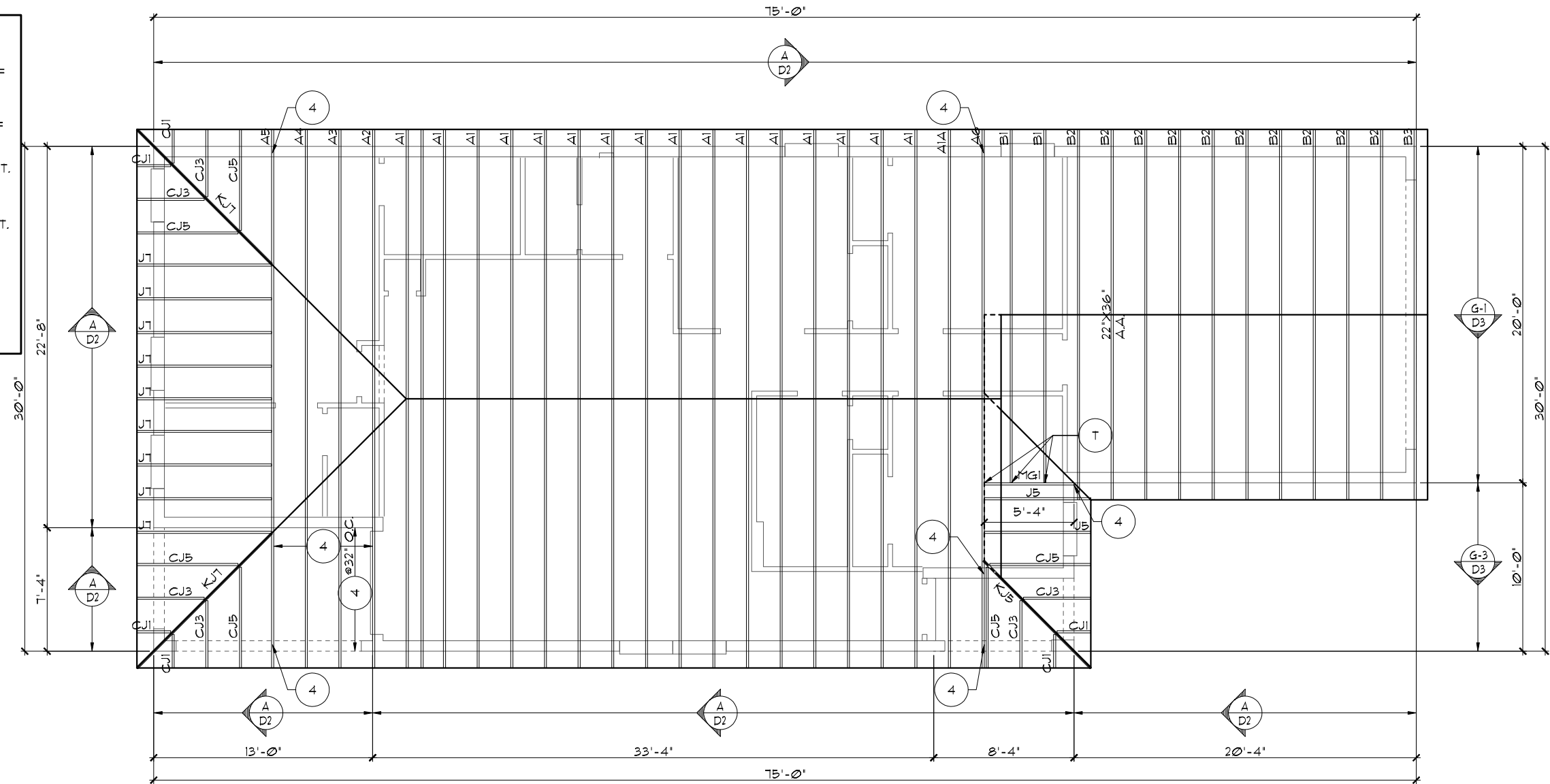
UPPER PORTION PERCENTAGE: 50%
LOWER PORTION PERCENTAGE: 50%

NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC. STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/UTCA BC91 I.
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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.

TRUSS LAYOUT "C"

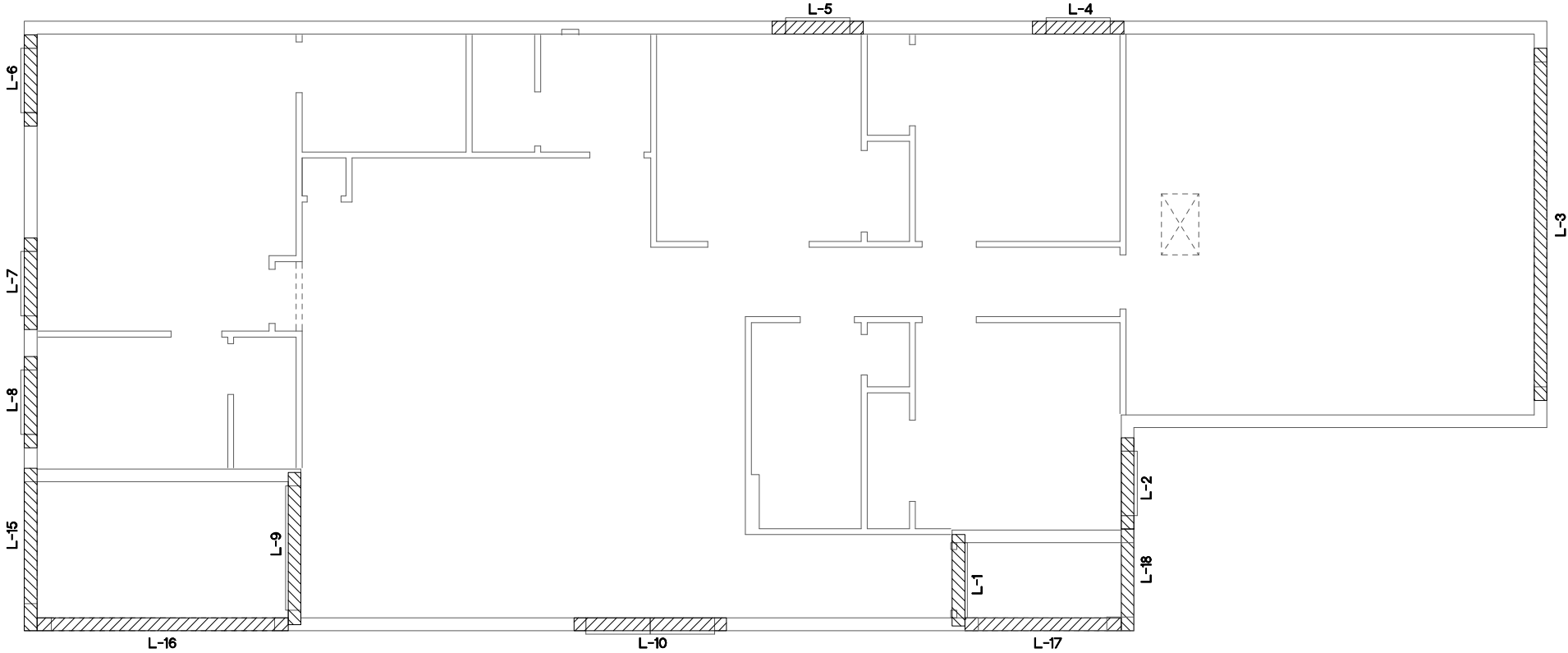
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



CAST CRETE / LOTT'S / WEKIWA / FLORIDA ROCK LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L 1	4'-6"	8FF12-0B/1T	3080 FRONT DOOR
L 2	4'-6"	8F16-0B/1T	SH25
L 3	11'-4"	8F34-1B/1T	GARAGE DOOR
L 4	4'-6"	8F16-0B/1T	SH25
L 5	4'-6"	8F16-0B/1T	SH25
L 6	4'-6"	8F16-0B/1T	SH25
L 7	4'-6"	8F16-0B/1T	SH25
L 8	4'-6"	8F16-0B/1T	3/2X1/4 F.G.
L 9	1'-6"	8F16-0B/1T	6/0X8/0 SGD.
L 10	1'-6"	8F16-0B/1T	FR SH25
L 11			
L 12			
L 13			
L 14			
L 15	1'-6"	8F16-0B/1T	LANAI
L 16	13'-4"	8F8-1B/1T	LANAI
L 17	8'-0"	8F8-0B/1T	FRONT ENTRY
L 18	5'-4"	8F16-0B/1T	FRONT ENTRY
L 19			
L 20			
L 21			
L 22			
L 23			
L 24			
L 25			
L 26			
L 27			

PRE CAST LINTEL LAYOUT A,B,C

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



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. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529 - 3000		
PRE CAST LINTEL LAYOUT		Park Square HOMES
1501 DELIGHT		
THRIVE SERIES		
DATE	06-01-22	
SCALE	AS NOTED	
DRAWN	RDC	
JOB	1501	
SHEET	09.0	
OF	9	SHEETS

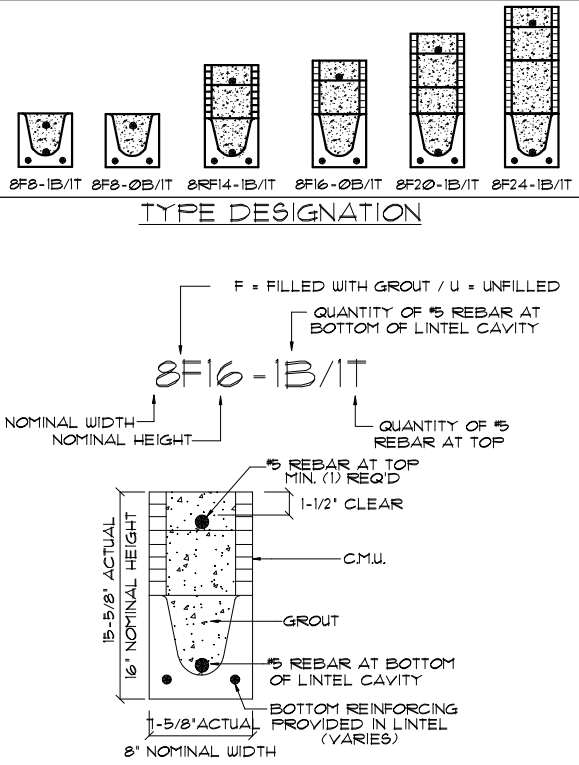
SAFE LOAD TABLES
FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS											
GRAVITY											
LENGTH	TYPE	8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1B	8F8-1B	8F12-1B	8F16-1B
2'-10" (34')	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936	3166	4473
3'-6" (42')	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936	2325	2496
4'-0" (48')	PRECAST	2029	2646	4473	6039	7526	9004	10472	11936	1187	1913
4'-6" (54')	PRECAST	1651	2170	4021	6039	7526	9004	10472	9668	1223	1301
5'-4" (64')	PRECAST	1184	1665	2889	5057	6039	5400	6424	7450	1000	1059
5'-10" (70')	PRECAST	912	1459	2464	4144	5458	4437	5280	6122	1255	2101
6'-6" (78')	PRECAST	931	1255	2101	3263	2746	3358	3971	4585	1029	1675
7'-6" (90')	PRECAST	161	1029	1675	2610	3839	5596	6613	8041	632	1045
9'-4" (112')	PRECAST	973	168	122	188	2544	3469	4050	5121	658	1025
10'-6" (126')	PRECAST	456	938	938	1365	1854	2359	2875	3404	545	864
11'-4" (136')	PRECAST	445	545	864	1254	1689	2074	2510	2954	525	864
12'-0" (144')	PRECAST	414	525	864	1254	1689	2074	2510	2954	427	726
13'-4" (160')	PRECAST	362	485	748	1076	1438	1859	2343	2820	381	648
14'-0" (168')	PRECAST	338	455	700	1003	1335	1714	2153	2666	455	700
14'-8" (176')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
15'-4" (184')	PRESTRESSED	NR	420	695	1290	1855	2370	2890	3410	NR	NR
17'-4" (208')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
19'-4" (232')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
21'-4" (256')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
22'-0" (264')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
24'-0" (288')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
GRAVITY											
LENGTH	TYPE	8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1B	8F8-1B	8F12-1B	8F16-1B
4'-4" (52')	PRECAST	1489	1987	3402	4982	6472	7947	9416	10878	1449	2182
4'-6" (54')	PRECAST	1351	1702	3402	4982	6472	7947	9416	10878	1102	1602
5'-8" (68')	PRECAST	785	832	1602	1550	2058	2566	3075	3585	153	2162
5'-10" (70')	PRECAST	735	779	1500	1449	1924	2400	2876	3352	103	2051
6'-8" (80')	PRECAST	822	907	1677	2933	4100	5267	6434	7601	1377	2252
7'-6" (90')	PRECAST	665	764	1377	2329	3609	5492	6624	8132	420	834
9'-8" (116')	PRECAST	371	535	928	1497	2179	2818	3595	4375	535	928

8" PRECAST & PRESTRESSED U-LINTELS											
UPLIFT											
LENGTH	TYPE	8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	8F8-1T	8F12-1T	8F16-1T
2'-10" (34')	PRECAST	2121	2878	4101	5332	6563	7811	9059	2021	2021	2121
3'-6" (42')	PRECAST	2165	2289	3260	4237	5219	6204	7192	1291	1291	2165
4'-0" (48')	PRECAST	1878	1989	2832	3680	4532	5387	6245	938	938	1878
4'-6" (54')	PRECAST	1660	1762	2507	3257	4010	4767	5525	121	121	1660
5'-4" (64')	PRECAST	1393	1484	2100	2741	3375	4010	4648	505	505	1393
5'-10" (70')	PRECAST	1272	1351	1930	2505	3084	3665	4241	418	418	1272
6'-6" (78')	PRECAST	1141	1200	1733	2250	2769	3290	3812	707	861	1141
7'-6" (90')	PRECAST	929	979	1475	1987	2491	2991	3491	591	691	929
9'-4" (112')	PRECAST	801	851	1269	1660	2051	2441	2831	454	630	801
10'-6" (126')	PRECAST	716	766	1133	1524	1915	2306	2697	396	493	716
11'-4" (136')	PRECAST	666	716	1039	1389	1780	2171	2562	363	556	666
12'-0" (144')	PRECAST	607	657	963	1263	1654	2045	2436	340	494	607
13'-4" (160')	PRECAST	500	550	832	1082	1473	1864	2255	302	398	500
14'-0" (168')	PRECAST	458	508	753	1004	1395	1786	2177	286	360	458
14'-8" (176')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
15'-4" (184')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
17'-4" (208')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
19'-4" (232')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
21'-4" (256')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
22'-0" (264')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
24'-0" (288')	PRESTRESSED	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



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. T32 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

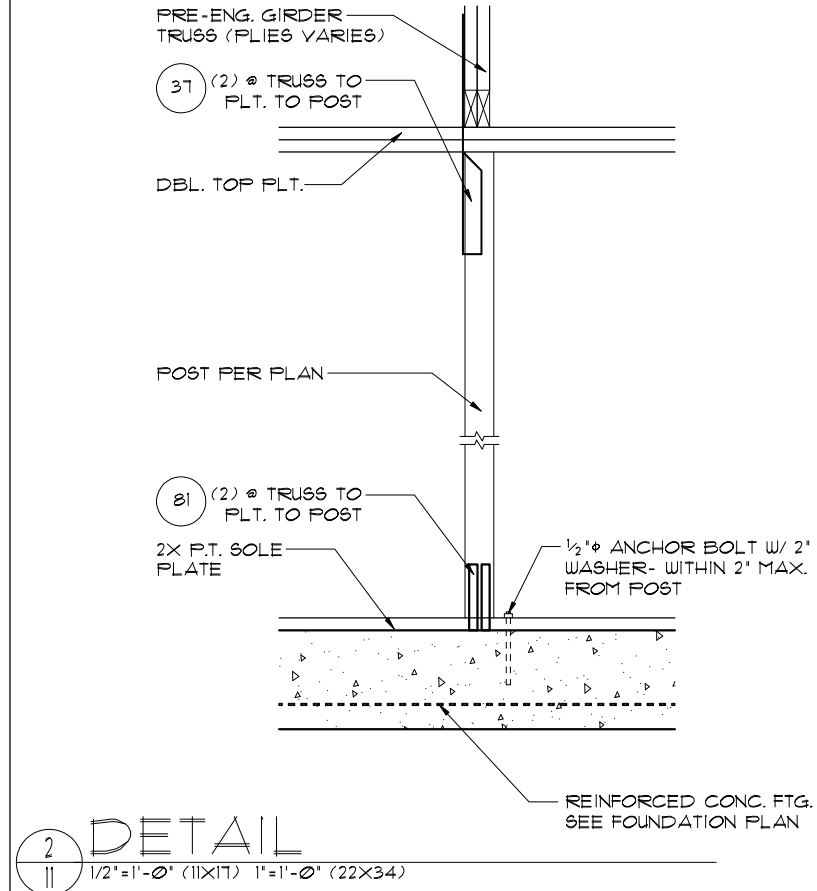
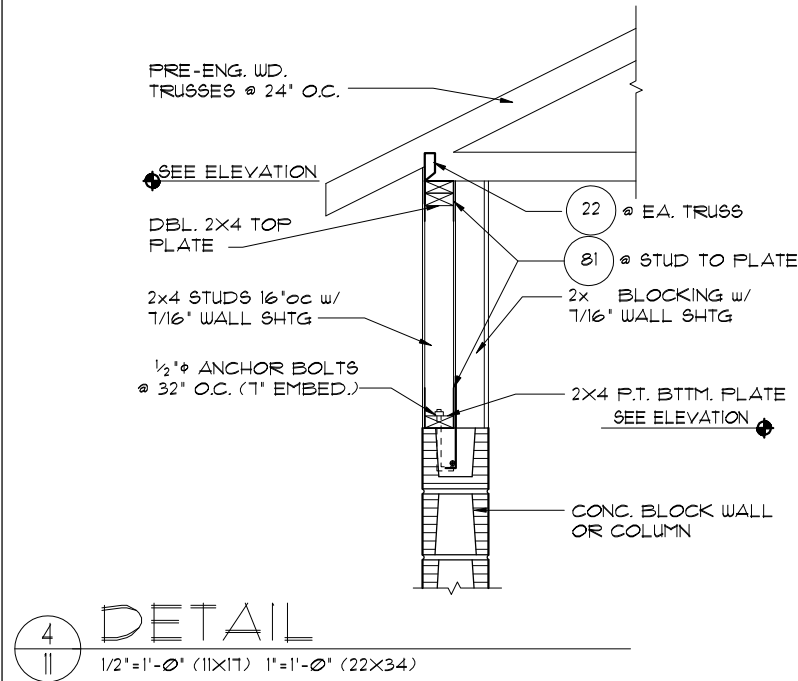
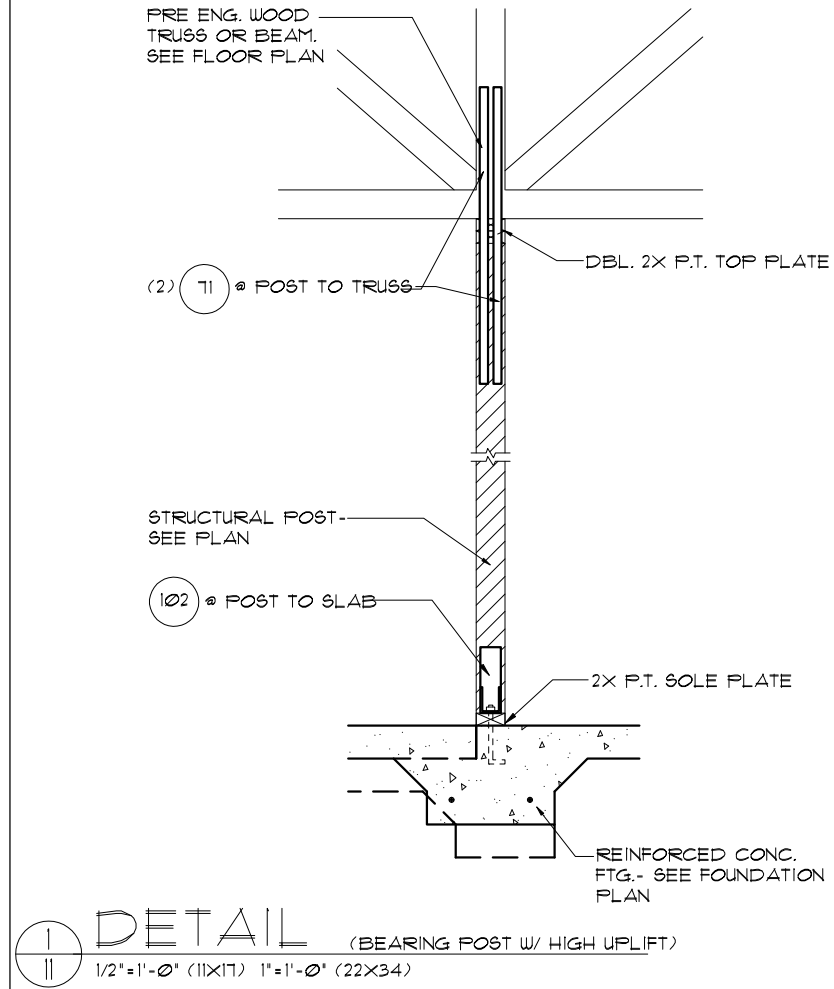
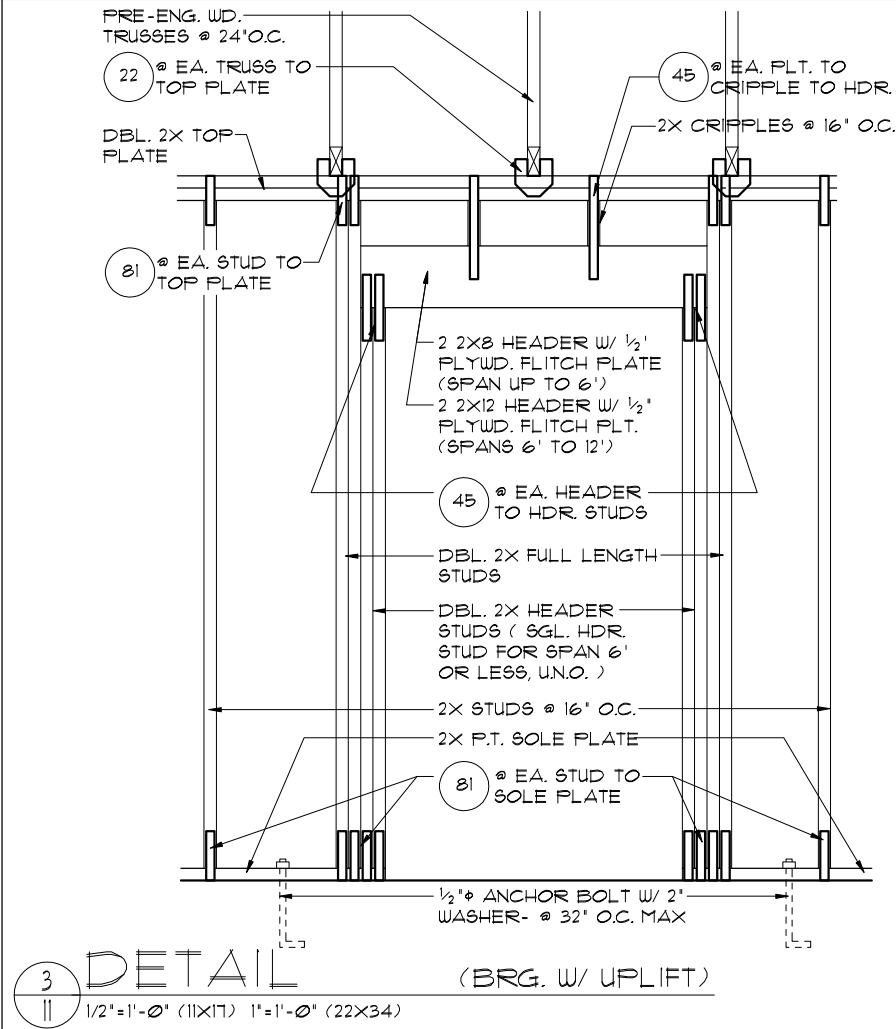
1. All values based on minimum 4" bearing. Exception: Safe loads for unfilled lintels must be reduced by 20% if bearing length is less than 6-1/2". Safe loads for all recessed lintels based on 8" nominal bearing.
2. N.R. = Not Rated.
3. Safe loads are total superimposed allowable load on the section 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											
LENGTH	TYPE	8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	8F8-1T	8F12-1T	8F16-1T
4'-4" (52')	PRECAST	1244	1573	2413	3260	4112	4967	5825	932	932	1244
4'-6" (54')	PRECAST	1192	1507	2311	3121	3937	4756	5571	893	893	1192
5'-8" (68')	PRECAST	924	1172	1795	2423	3055	3689	4325	501	501	924
5'-10" (70')	PRECAST	896	1099	1690	2288	2891	3491	4106	469	469	896
6'-8" (80')	PRECAST	778	882	1513	2042	2573	3107	3642	830	1000	778
7'-6" (90')	PRECAST	688	697	1325	1810	2280	2753	3227	710	941	688
9'-8" (116')	PRECAST	533	433	808	1023	1413	1704	1995	516	614	533

*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	HI	RFT: 6-8dx1½" / PLT: 4-8d	RT15	RFT: 5-8dx1½" / PLT: 5-8d	475	485 / 165
22	HI05	RFT: 8-8d x 1 1/2" PLT: 8-8d x 1 1/2"	RT16	RFT: 8-8d x 1½" PLT: 8-8d	930	585/525
23	LUS26	HDR: 4-10d/JST: 4-10d RFT / TRS: 4-8d	JUS26	HDR: 4-10d/JST: 4-10d RFT / TRS: 9-10d	935	N/A
24	H7	PLT / STD: 10-8d	RT20	PLT / STD: 13-10d	985	400 / N/A
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"	MFAIF	H: 6-8dx1½" / F: 6-8dx1½"	440	440 / N/A
37	MTS12	14-10d	MTW12	14-10d	1000	N/A
38	MTS16	14-10d	MTW16	14-10d	1000	N/A
39	MTSM16	BLK: (4) ¼" X 2¼" T.C. TRUSS: (7) 10d	MTW16	BLK: (4) ¼" X 2¼" 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	1200	N/A
47	LSTA24	18-10d	LSTA24	18-10d	1295	N/A
71	MSTA36	26-10d	MSTA36	26-10d	2135	N/A
72	MSTC66	64-16d SINKERS	N/A	N/A	5495	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	SPH4,6,8	12-10d x 1½"	TP4,6,8	12-10d x 1½"	885	N/A
88	CB5Q88	12 SDS 1/4X2"	TP4,6,8	12-10d x 1½"	3975	N/A
89	CB66	(2) ⅝" BOLTS	PA8X8	4-10d	2300	985
90	ABU66	12-16d	PAU66	12-16d	2240	N/A
91	CB5Q66	14 SDS 1/4X2"	PAU66	12-16d	3190	N/A
92	ABU44	12-16d	PAU44	12-16d	2200	N/A
93	AC6 (MAX)	28-16d	PB566	24-16d	1815	1070
94	AC4 (MAX)	28-16d	PB544	24-16d	1815	1070
95	HTS20	20-10d	HTW20	20-10d	1450	N/A
96	HD8A	SILL: ⅞" BOLT STUD: (3) ⅞" X 5½" BOLTS	HHD8A	SILL: ⅞" BOLT STUD: (3) ⅞" X 5½" BOLTS	7910	N/A
97	MTT28B	24-16d	MTS27B	24-16d	4455	N/A
99	A35	H: 4-8dx1½" / F: 4-8dx1½"	MPAI	H: 6-8dx1½" / F: 6-8dx1½"	440	440 / N/A
101	HTT4	⅝" BOLT / 18-16d X 2½"	N/A	N/A	3640	N/A
102	HTT5	⅝" BOLT / 26-10d	N/A	N/A	4275	N/A
103	VGTR/L	32-SDS ¼" X 3" / (2) ⅝" BLT	N/A	N/A	3990	N/A
104	HDU8-SDS25	7/8" BLT / 20-SDS ¼" X 2½"	N/A	N/A	5020	N/A
110	HCF2	12-10d x 1½"	HHCF2	20-10d x 1½"	520	260 / N/A
167	HHUS46	H: 14-16d/J: 6-16d	THD46	H: 8-18d/J: 12-10d	1550	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	1550	N/A
184	HUC28-2	H: 14-16d/J: 4-10d	N/A	N/A	1085	N/A
212	HUC410	HD: 18-½" X 1¾" LAG SCR. BM: 10-10d	N/A	N/A	1810	N/A
214	HUC412	BLOCK: 10-¼" X 1½" TC JOIST: 10-16d	HUS412	BLOCK: 10-¼" X 1½" TC JOIST: 10-16d	1895	N/A
215	HGUS210-2	HDR: 46-16d/JST: 10-16d	EHUH210-2	HDR: 40-16d/JST: 16-10d	2720	N/A
216	HUC5412	BLOCK: 10-¼" X 1½" TC JOIST: 10-16d	HUS412	BLOCK: 10-¼" X 1½" TC JOIST: 10-16d	3240	N/A
217	HUS212-2	BLOCK: 10-¼" X 1½" TC JOIST: 10-16d	HUS212-2	BLOCK: 10-¼" X 1½" TC JOIST: 10-16d	2630	N/A
219	MBHA412	H: 1-ATR¾" X 8 TOP FACE JOIST: 18-10d	NFM35X12U	H: 1-½" J-BOLT J: 5-½" BOLTS	3145	N/A
220	N/A	N/A	NFM 3X12	BLK: ½" Φ J / JST: 14-10d	1620	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	2160	N/A
231	MBHA3.56/16	HDR: (2) ¾" Φ x 8" JOIST: 18-10d	NFM3.5X16U	HDR: MIN. ½" Φ x J-BOLTS JOIST: (5) ½" Φ BOLTS	3450	N/A
232	MBHA5.50/16	HDR: (2) ¾" Φ x 8" JOIST: 18-10d	NFM5.5X16U	HDR: MIN. ½" Φ x J-BOLTS JOIST: (5) ½" Φ BOLTS	3450	N/A
240	HI5	R: 4-10dx1½" / F: 4-10dx1½"	N/A	N/A	1300	480 / N/A
241	LGT2	30-16d-sinker	LUGT2	32-10d	2000	1015 / 440
301	MG1	(1) ¾" BLTS/GIR: 22-10d	N/A	N/A	3965	N/A
302	HGT-2 or 3	LTL: ¾" BLTS/GIR: 8-10d	USC63	LTL: ¾" BLTS/GIR: 8-16d	6485	N/A
303	HGT-4	LTL: ¾" BLTS/GIR: 16-10d	N/A	N/A	9250	N/A
305	FGTR (2-PLY)	TRUSS: 36 SDS ½" X 3" WALL: (4) ½" X 5" TITEN HD	N/A	N/A	9400	N/A
401	SUR/L414	FACE: 18-16d/JST: 8-16d	N/A	N/A	1700	N/A
T	CONNECTORS TO BE SPECIFIED AND PROVIDED BY TRUSS MANUFACTURERS					



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

LOT: 0000, COMMUNITY

THRIVE PRODUCT

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TYPICAL DETAILS / CONNECTOR SCHEDULE		1501 DELIGHT
THRIVE SERIES		DATE 06-01-22
		SCALE AS NOTED
		DRAWN RDC
		JOB 1501
		SHEET 11
		OF SHEETS