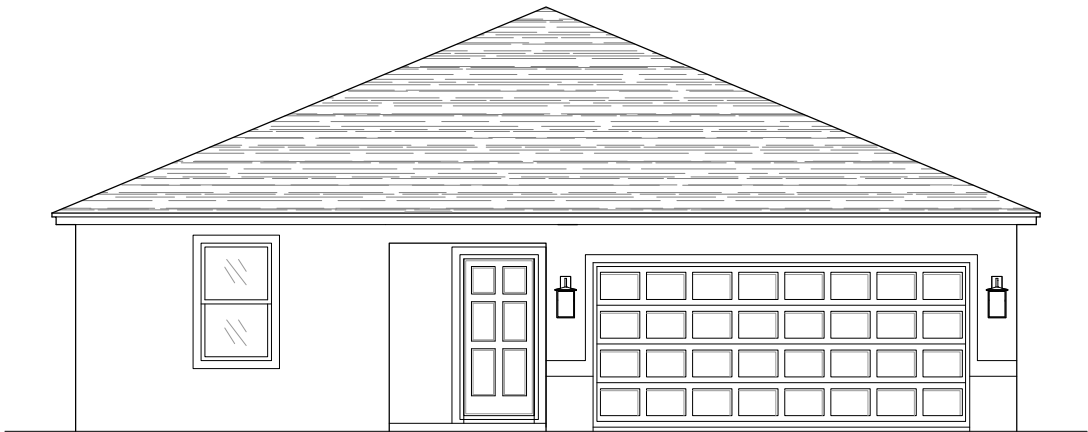


1425
ARIES
EXPLORATION SERIES
40' X 48'



REVISION SCHEDULE			
NO.	DATE	DESCRIPTION	BY
1	09-11-25	-CREATED NEW MASTER	MR
2	02-13-26	-APPLIED FRAME WALK MARKUP&: DATED 02/12/26	MR
3	05-19-26	-ADDED INTERIOR ELEVATIONS & BUILDING SECTION TO PLAN SET	MR

SHEET INDEX:

00	COVER SHEET
00.1	GENERAL NOTES
01.0	SLAB INTERFACE PLAN "A"
02.0	FLOOR PLAN W/ NOTES "A"
02.1	FLOOR PLAN W/ DIMENSIONS "A"
03.A	EXTERIOR ELEVS.- FRONT/ REAR "A"
03.1A	EXTERIOR ELEVS.- LEFT/ RIGHT "A"
04.0	ROOF PLAN
05.0	BUILDING SECTION & INT. ELEVATIONS
E1	UTILITY PLAN "A"
AD1	DETAILS
S1	FOUNDATION PLAN "A"
S2	PRECAST LINTEL LAYOUT "A"
S3	TRUSS LAYOUT "A"
D1	TYPICAL STRUCTURAL DETAILS
D2	TYPICAL STRUCTURAL DETAILS
D3	TYPICAL STRUCTURAL DETAILS
D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL DETAILS

SHEET INDEX:

00	COVER SHEET
00.1	GENERAL NOTES
01.0	SLAB INTERFACE PLAN "B"
02.0	FLOOR PLAN W/ NOTES "B"
02.1	FLOOR PLAN W/ DIMENSIONS "B"
03.B	EXTERIOR ELEVS.- FRONT/ REAR "B"
03.1B	EXTERIOR ELEVS.- LEFT/ RIGHT "B"
04.0	ROOF PLAN
05.0	BUILDING SECTION & INT. ELEVATIONS
E1	UTILITY PLAN "B"
AD1	DETAILS
S1	FOUNDATION PLAN "B"
S2	PRECAST LINTEL LAYOUT "B"
S3	TRUSS LAYOUT "B"
D1	TYPICAL STRUCTURAL DETAILS
D2	TYPICAL STRUCTURAL DETAILS
D3	TYPICAL STRUCTURAL DETAILS
D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL DETAILS

SHEET INDEX:

00	COVER SHEET
00.1	GENERAL NOTES
01.0	SLAB INTERFACE PLAN "C"
02.0	FLOOR PLAN W/ NOTES "C"
02.1	FLOOR PLAN W/ DIMENSIONS "C"
03.C	EXTERIOR ELEVS.- FRONT/ REAR "C"
03.1C	EXTERIOR ELEVS.- LEFT/ RIGHT "C"
04.0	ROOF PLAN
05.0	BUILDING SECTION & INT. ELEVATIONS
E1	UTILITY PLAN "C"
AD1	DETAILS
S1	FOUNDATION PLAN "C"
S2	PRECAST LINTEL LAYOUT "C"
S3	TRUSS LAYOUT "C"
D1	TYPICAL STRUCTURAL DETAILS
D2	TYPICAL STRUCTURAL DETAILS
D3	TYPICAL STRUCTURAL DETAILS
D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL DETAILS

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THIS STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE 8th EDITION, 2013 OF THE FLORIDA BUILDING CODE-RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, COMMUNITY

1425 ARIES

40' EXPLORATION SERIES

REVISIONS

DELTA #	DATE

DATE: 09-02-25

SCALE: AS NOTED

DRAWN: MR

SHEET: 00

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4401 Vineland Road Suite A2 Orlando, FL 32811

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FAX: (407) 794-1770

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5200 Vineland Road, Suite 200

Orlando, Florida 32811

Phone: (407) 529 - 3000

Park Square HOMES

COVER SHEET

TO SUIT EQUIP. FURN

4" TYP. SIDES

CONDENSOR UNIT

TO SUIT EQUIP. FURN

6"

SH.T. ANGLE BRACKETS OR 2" WIDE 20ga GALV. STEEL STRAPS

PAD ABOVE BASE FLOOD ELEVATION

4" THICK CONC. PAD- SEE PLAN FOR UNIT LOCATION

REFRIGERANT PIPING TO AIR HANDLING UNIT

CONNECT TO UNIT W/ #14 SHEET METAL SCREWS W/ GASKETED WASHERS & CONNECT TO PAD W/ 1/4"x 1-1/4" TAPCON SCREW OR 3/8" BOLT. SEE TABLE FOR QTY. PER SIDE.

ANCHOR SPACING TABLE	
LENGTH / SIDE	NO. OF ANCHOR/SIDES
LESS THAN 12'	ONE / SIDE
12' - 24'	TWO / SIDE
24' - 36'	THREE / SIDE
36' UP & 5tons & UP	FOUR / SIDE

1

COND. ANCHOR DET.

N.T.S.

ELEVATION A,B,C STD
SLAB INTERFACE PLAN
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

FOUNDATION NOTES

- CONTRACTOR 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 SUPER-VISOR FOR CLARIFICATION.
- WATER HEATER T & P RELIEF VALVE SHALL BE FULL SIZE TO EXTERIOR. WATER HEATER AT OR ABOVE FLOOR LEVEL SHALL BE IN A PAN WITH DRAIN TO EXTERIOR. WATER HEATER SHALL HAVE APPROVED THERMAL EXPANSION DEVICE.
- PAVERS MAY BE USED I.L.O. CONCRETE SLABS IN PATIO, PORCH, DRIVE AND WALKWAY AREAS. DELETE SLAB IN AREAS PAVERS ARE USED. VERIFY W/ COMMUNITY SPECIFICATIONS
- MECHANICAL EQUIP. LOCATIONS TO BE FIELD VERIFIED & MAY BE DEPENDANT UPON COMMUNITY AND MUNICIPALITY CODES.
- IN LIEU OF TREATING THE SOIL, AN ALTERNATIVE TO TERMITE TREATED SOIL CAN BE TERMICIDE.
- BORA-CARE TO BE APPLIED ON INTERIOR WALLS IAW MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PURSUANT TO FBC-R- CURRENT EDITION.

THIS STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE 8th EDITION, 2003 OF THE FLORIDA BUILDING CODE-RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, COMMUNITY

1425 ARIES

40' EXPLORATION SERIES

REVISIONS

DELTA #	DATE

DATE: 09-02-25

SCALE: AS NOTED

DRAWN: MR

SHEET: 01.0

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5200 Vineland Road, Suite 200

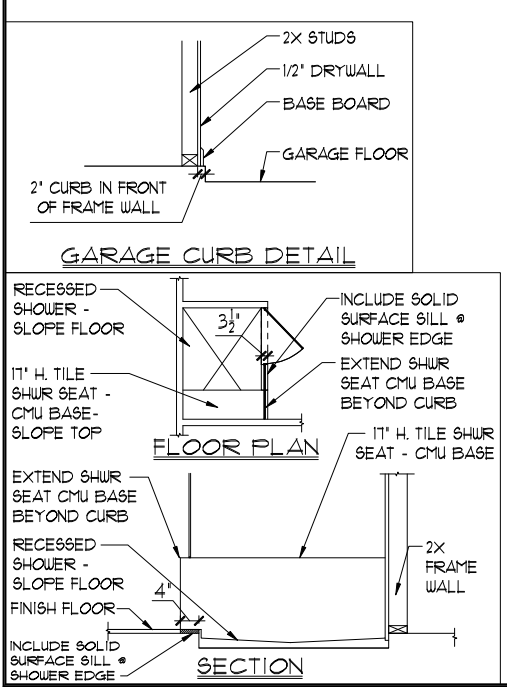
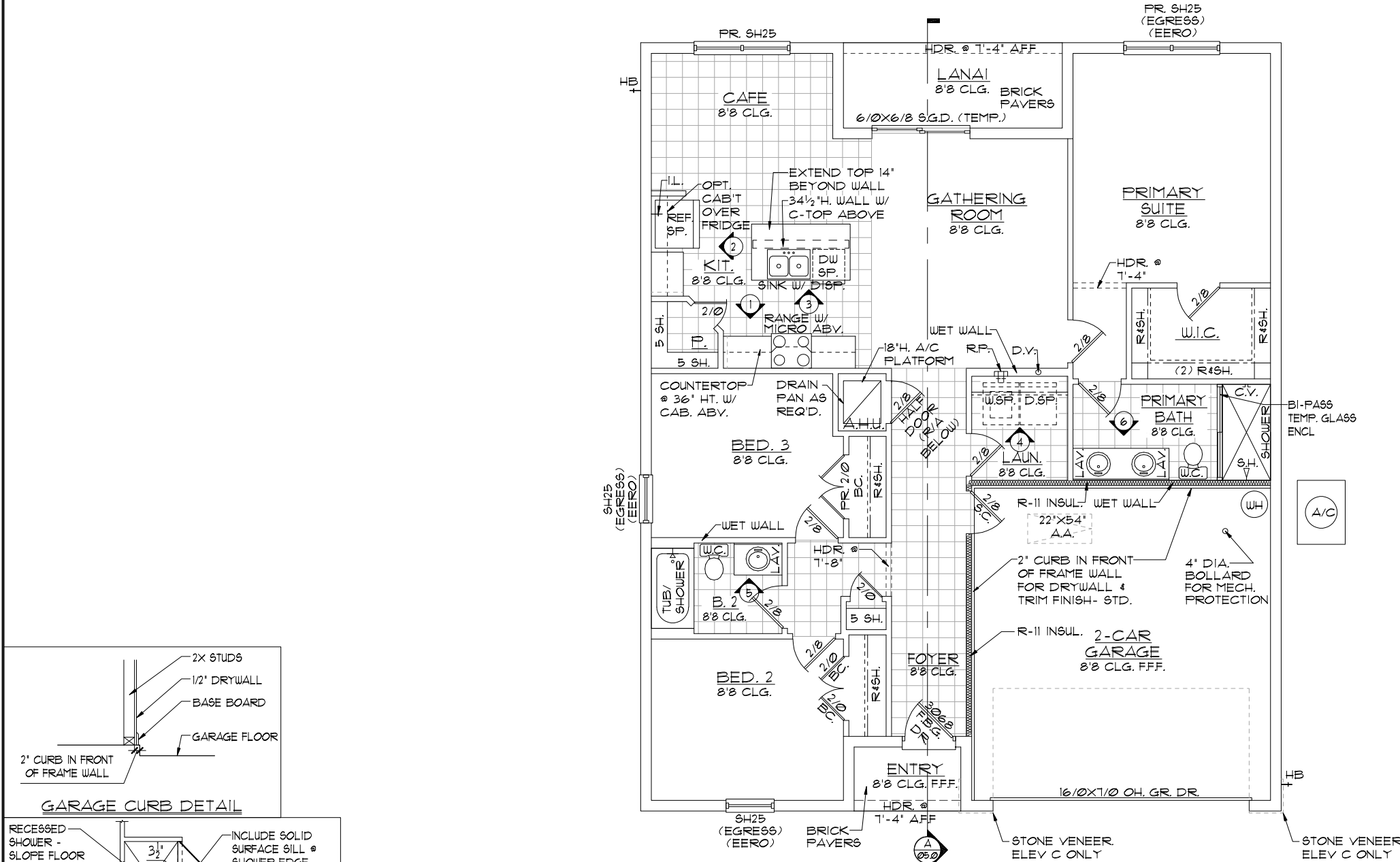
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Park Square HOMES

SLAB INTERFACE PLAN

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- 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 3-1/2" UNLESS NOTED OTHERWISE.
 4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7-5/8" UNLESS NOTED OTHERWISE.
 5. 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 20 MIN. FIRE RATED IAW R302.5.1
 6. GARAGE SHALL BE SEPARATED FROM THE RESIDENCE & ITS ATTIC AREA BY NOT LESS THAN 1/2" GYP. BD. APPLIED TO THE GAR. SIDE. PROVIDE 5/8" TYPE 'X' GYP. BD. AT CEILING ONLY APPLIED PERPENDICULAR TO CEILING FRAME R702.5.5
 7. PULL ALL DIMENSIONS FROM THE REAR OF THE PLAN
 8. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFO.
- WALL LEGEND
- DENOTES CONC. BLOCK WALL HGT. @ 8'-8" AFF.
- ▨ DENOTES 2x INSULATED FRAME WALL
- NOTE: SEE COLOR SHEET FOR FLOORING & INTERIOR DOOR HEIGHT REQUIREMENTS

AREA CALCULATIONS	
TOTAL LIVING-----	1,425 SF.
GARAGE-----	393 SF.
ENTRY-----	29 SF.
LANAI-----	73 SF.
TOTAL UNDER ROOF	1,920 SF.

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

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LOT: 0000, COMMUNITY

1425 ARIES

40' EXPLORATION SERIES

REVISIONS

DELTA #	DATE
DATE:	09-02-25
SCALE:	AS NOTED
DRAWN:	MR
SHEET:	02.0

TEC

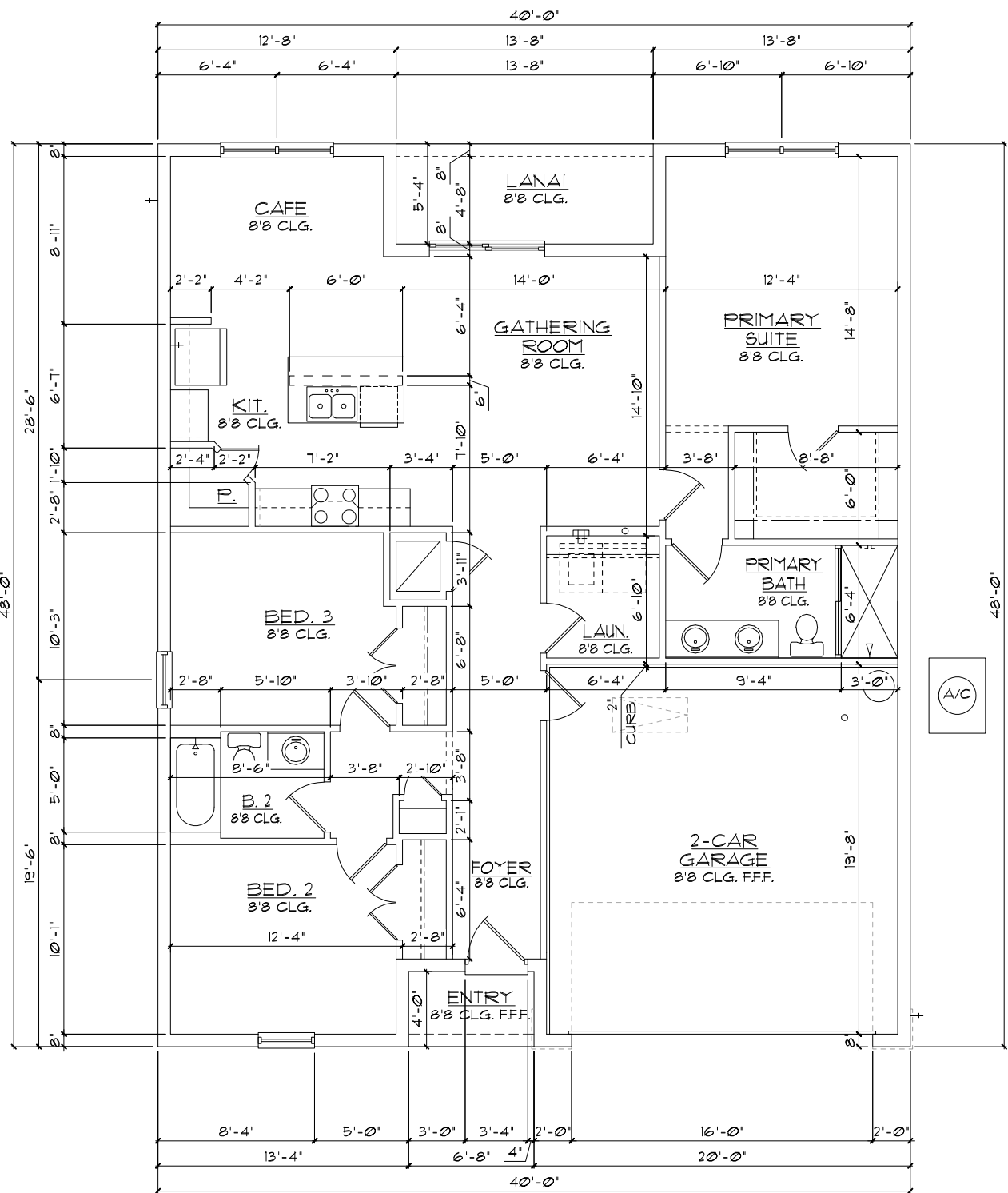
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Park Square HOMES

FLOOR PLAN W/ NOTES

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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 3-1/2" UNLESS NOTED OTHERWISE.

4.

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7.

PULL ALL DIMENSIONS FROM THE REAR OF THE PLAN

8.

SEE GENERAL NOTES PAGE FOR ADDITIONAL INFO.

WALL LEGEND

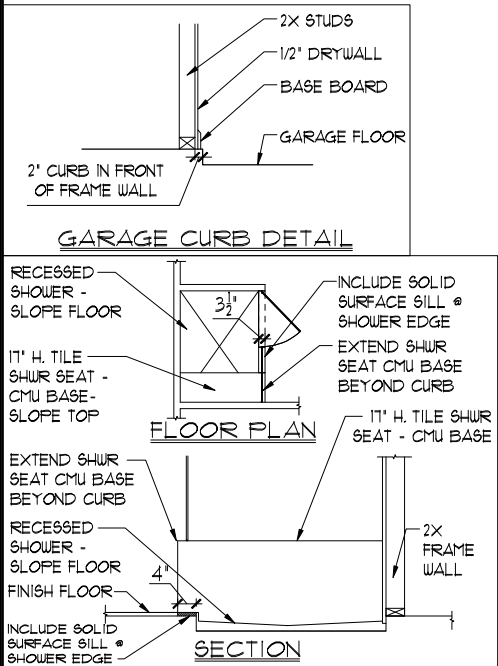
DENOTES CONC. BLOCK WALL HGT. @ 8'-8" AFF.

DENOTES 2x INSULATED FRAME WALL

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

AREA CALCULATIONS	
TOTAL LIVING-----	1,425 SF.
GARAGE-----	393 SF.
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LANAI-----	73 SF.
TOTAL UNDER ROOF	1,920 SF.

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



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LOT: 0000, COMMUNITY

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FLOOR PLAN
W/ DIMENSIONS

1425 ARIES

40' EXPLORATION SERIES

REVISIONS

DELTA #

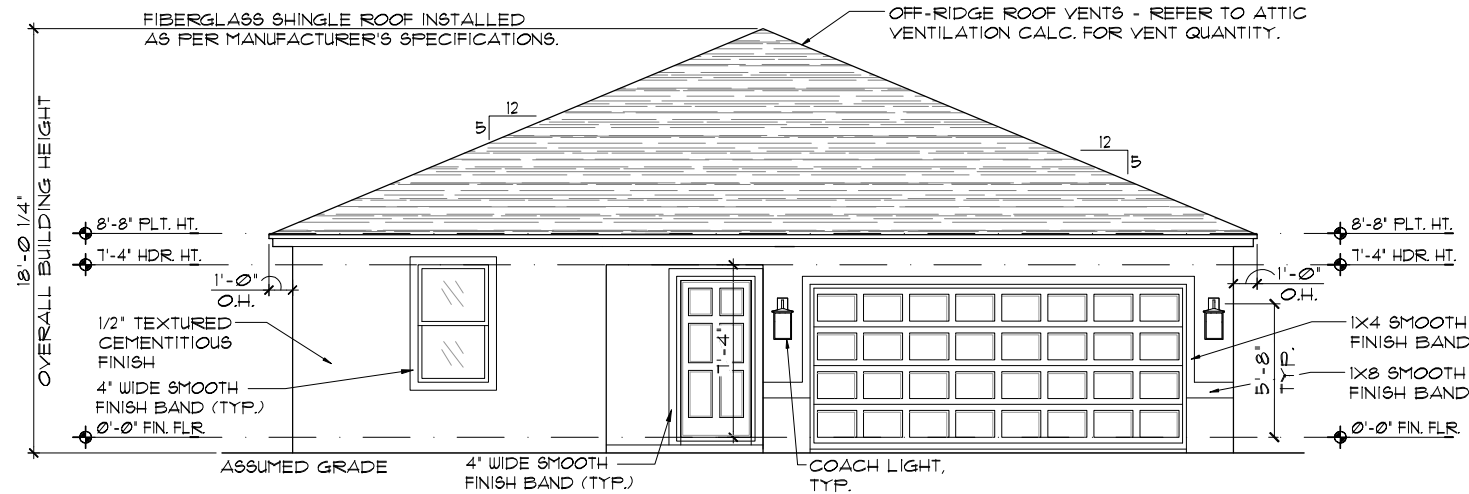
DATE

DATE: 09-02-25

SCALE: AS NOTED

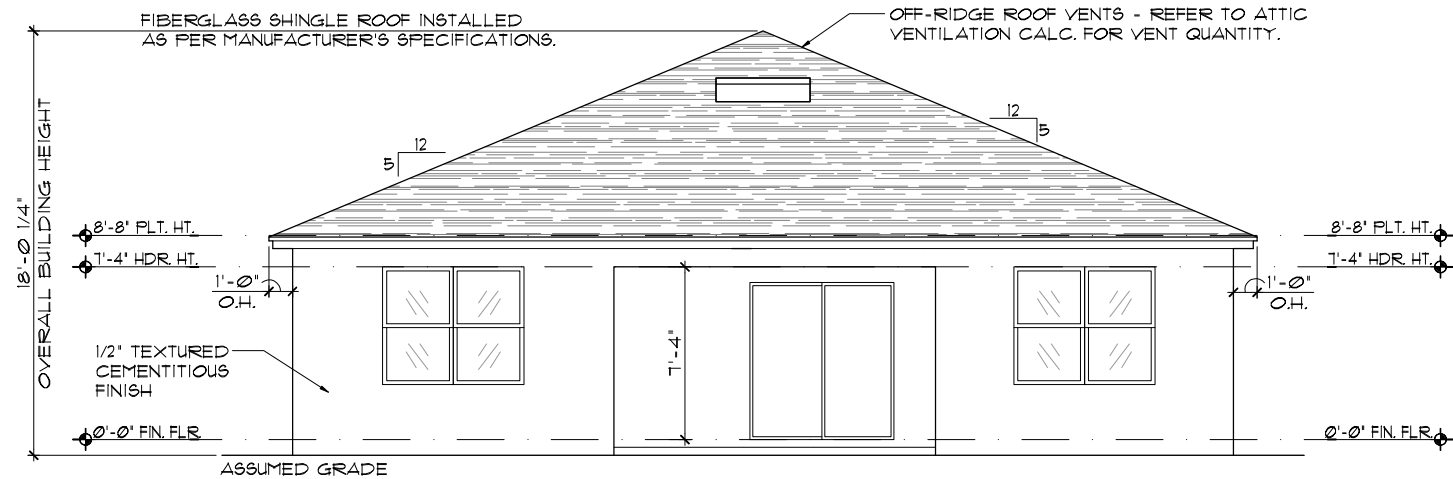
DRAWN: TMR

SHEET: 02.1



ELEVATION A STD
FRONT ELEVATION

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



ELEVATION A STD
REAR ELEVATION

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

EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R103.11 OF THE 8TH EDITION, FBC-R 2023 & ASTM C1063 OR C1181.
2. PLASTERING TO BE INSTALLED IAW R103.1 & R103.12 OF THE 8TH EDITION, FBC-R 2023
3. WEEP SCREED TO BE INSTALLED IAW R103.12.1 OF THE 8TH EDITION, FBC-R 2023 & ASTM C926.
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.2 & R103.13 OF THE 8TH EDITION, FBC-R 2023.
5. FLASHING TO BE INSTALLED IAW R103.4 OF THE 8TH EDITION, FBC-R 2023.
6. WIND RESISTANCE OF WALL COVERINGS & BACK MATERIALS SHALL BE IAW R103.12 OF THE 8TH EDITION, FBC-R 2023
7. ALL HORIZONTAL & VERTICAL CONTROL JOINTS SHALL BE INSTALLED IAW ASTM 1063.
8. ALL FIBER CEMENT SIDING SHALL BE IAW R103.1 OF THE 8TH EDITION, FBC-R 2023.
9. "ZIP SYSTEMS" WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR FRAME WALLS.
10. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFORMATION.

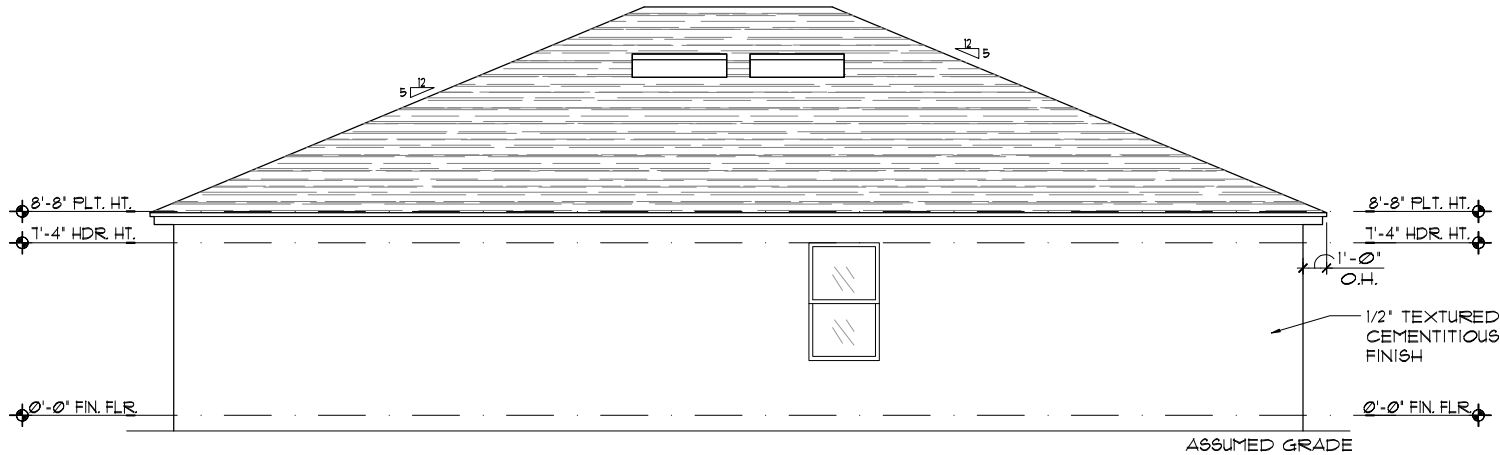
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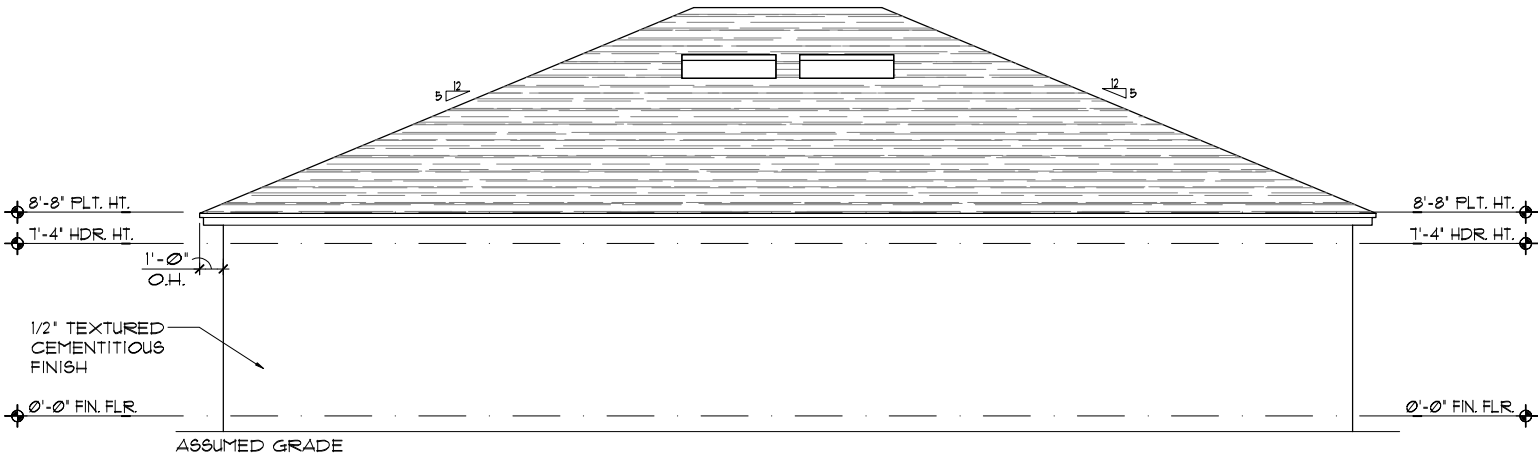
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40' EXPLORATION SERIES				
REVISIONS				
DELTA #	DATE			
DATE:	09-02-			
SCALE:	AS NOTED			
DRAWN:	T			
SHEET:	03.A			

EXTERIOR FINISH NOTES
1. LATH TO BE ATTACHED IAW R103.1.1 OF THE 8TH EDITION, FBC-R 2023 & ASTM C1063 OR C1187. 2. PLASTERING TO BE INSTALLED IAW R103.1 & R103.1.2 OF THE 8TH EDITION, FBC-R 2023 3. WEEP SCREED TO BE INSTALLED IAW R103.1.2.1 OF THE 8TH EDITION, FBC-R 2023 & ASTM C926. 4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.2 & R103.13 OF THE 8TH EDITION, FBC-R 2023. 5. FLASHING TO BE INSTALLED IAW R103.4 OF THE 8TH EDITION, FBC-R 2023. 6. WIND RESISTANCE OF WALL COVERINGS & BACK MATERIALS SHALL BE IAW R103.12 OF THE 8TH EDITION, FBC-R 2023 7. ALL HORIZONTAL & VERTICAL CONTROL JOINTS SHALL BE INSTALLED IAW ASTM 1063. 8. ALL FIBER CEMENT SIDING SHALL BE IAW R103.1 OF THE 8TH EDITION, FBC-R 2023. 9. 'ZIP SYSTEMS' WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR FRAME WALLS. 10. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFORMATION.



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



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

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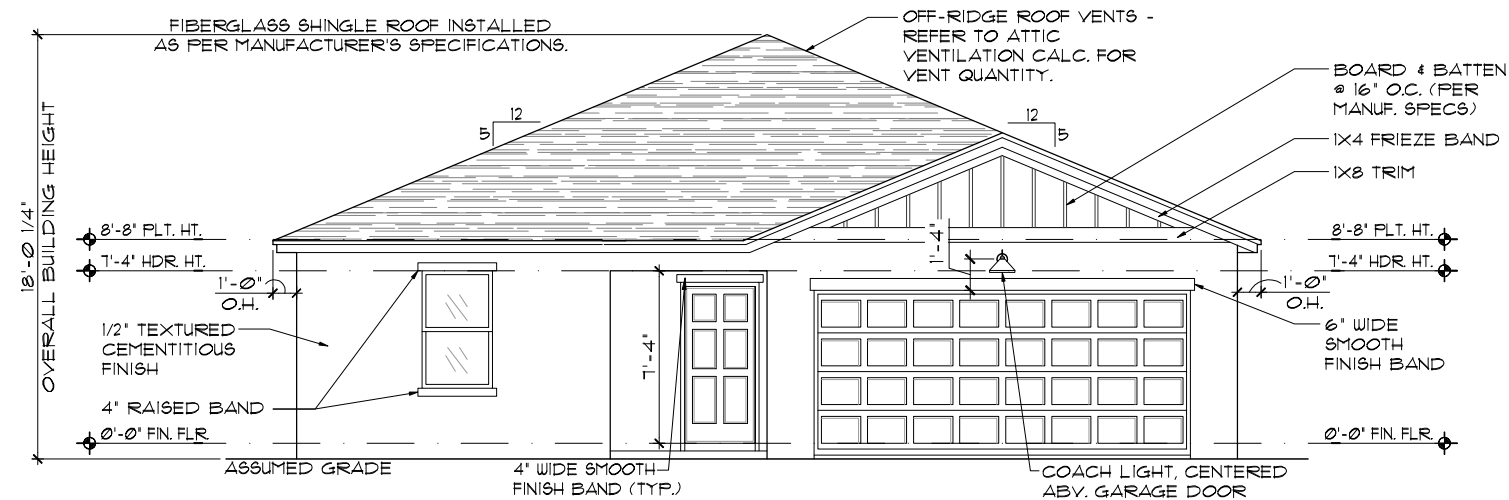
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EXTERIOR ELEVATION
LEFT AND RIGHT

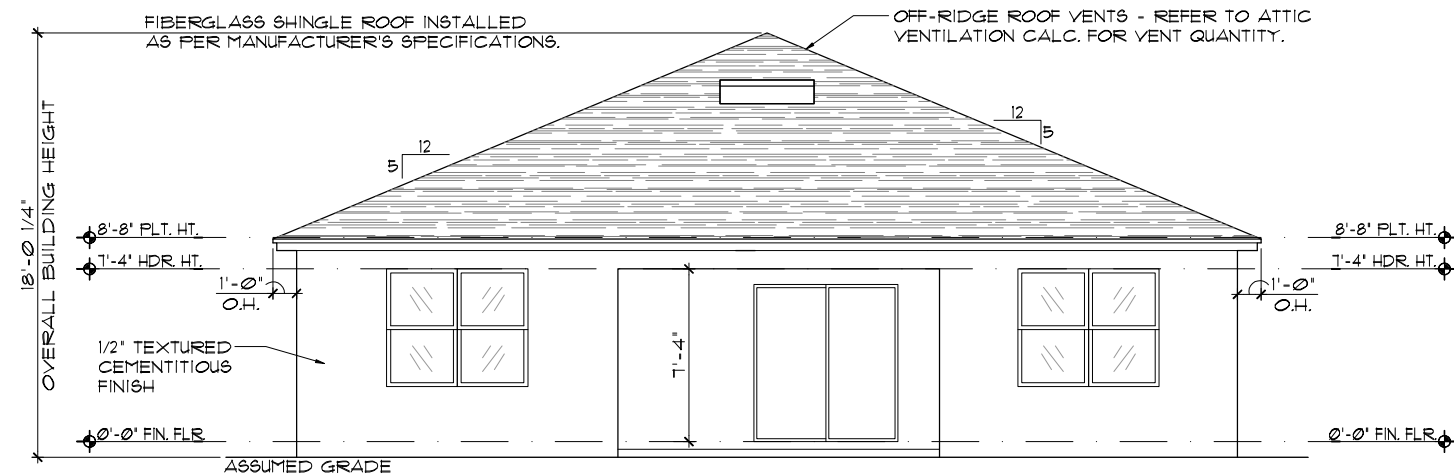
1425 ARIES
40' EXPLORATION SERIES

REVISIONS	
DELTA #	DATE
DATE:	09-02-25
SCALE:	AS NOTED
DRAWN:	MR
SHEET:	03.1A



ELEVATION B STD
FRONT ELEVATION

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



ELEVATION B STD
REAR ELEVATION

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

EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R103.11 OF THE 8TH EDITION, FBC-R 2023 & ASTM C1063 OR C1181.
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8. ALL FIBER CEMENT SIDING SHALL BE IAW R103.1 OF THE 8TH EDITION, FBC-R 2023.
9. "ZIP SYSTEMS" WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR FRAME WALLS.
10. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFORMATION.

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PARK SQUARE HOMES	
EXTERIOR ELEVATION FRONT AND REAR	
1425 ARIES	40' EXPLORATION SERIES
REVISIONS	
DELTA #	DATE
DATE: 09-02-25	
SCALE: AS NOTED	
DRAWN: MR	
SHEET: 03.B	

- EXTERIOR FINISH NOTES
1. LATH TO BE ATTACHED IAW R103.1.1 OF THE 8TH EDITION, FBC-R, 2023 & ASTM C1063 OR C1187.

2. PLASTERING TO BE INSTALLED IAW R103.1 & R103.12 OF THE 8TH EDITION, FBC-R, 2023

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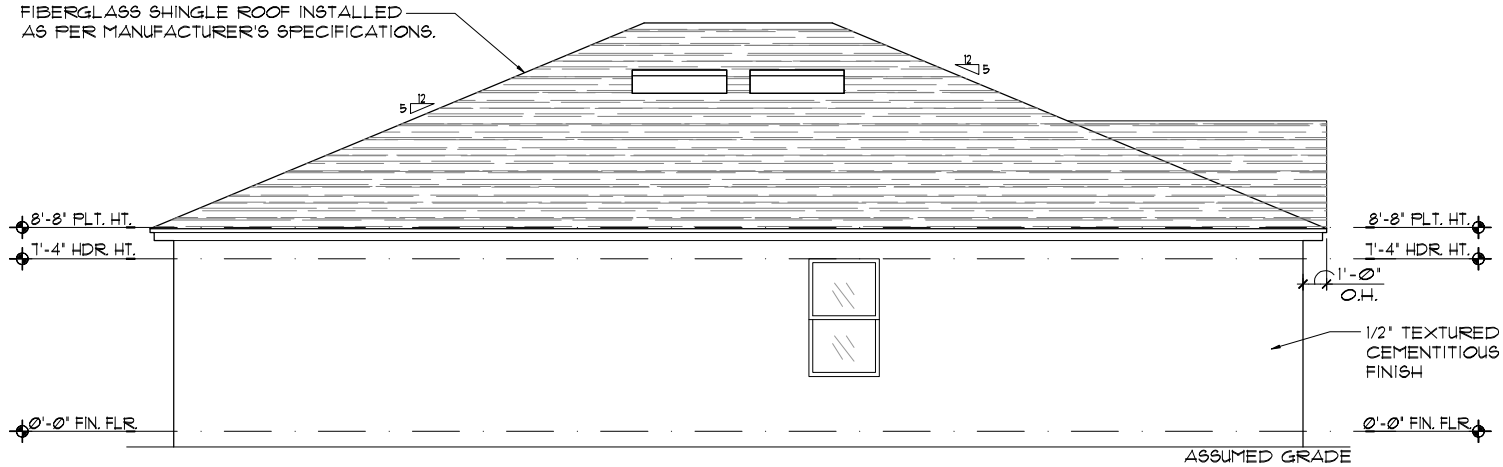
6. WIND RESISTANCE OF WALL COVERINGS & BACK MATERIALS SHALL BE IAW R103.12 OF THE 8TH EDITION, FBC-R, 2023

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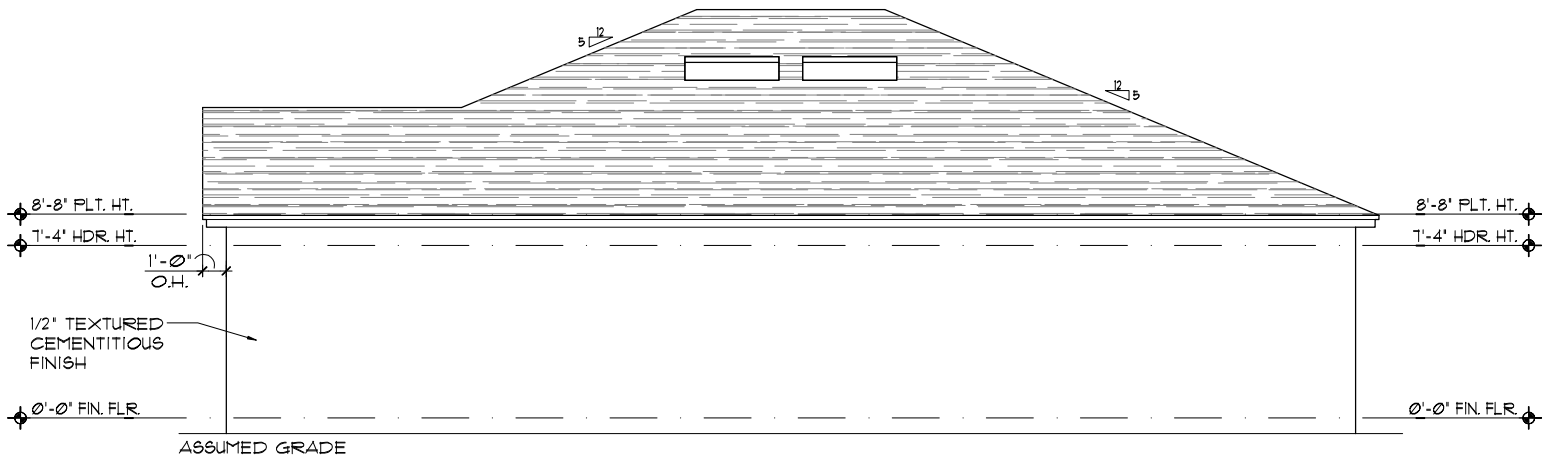
8. ALL FIBER CEMENT SIDING SHALL BE IAW R103.1 OF THE 8TH EDITION, FBC-R, 2023.

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10. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFORMATION.



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



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

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EXTERIOR ELEVATION
LEFT AND RIGHT

1425 ARIES

40' EXPLORATION SERIES

REVISIONS

DELTA #	DATE
DATE:	09-02-25
SCALE:	AS NOTED
DRAWN:	MR
SHEET:	03.1B

1. LATH TO BE ATTACHED IAW R103.1.1 OF THE 8TH EDITION, FBC-R 2023 & ASTM C1063 OR C1181.
2. PLASTERING TO BE INSTALLED IAW R103.1 & R103.1.2 OF THE 8TH EDITION, FBC-R 2023
3. WEEP SCREED TO BE INSTALLED IAW R103.1.2.1 OF THE 8TH EDITION, FBC-R 2023 & ASTM C926.
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.2 & R103.1.3 OF THE 8TH EDITION, FBC-R 2023.
5. FLASHING TO BE INSTALLED IAW R103.4 OF THE 8TH EDITION, FBC-R 2023.
6. WIND RESISTANCE OF WALL COVERINGS & BACK MATERIALS SHALL BE IAW R103.1.2 OF THE 8TH EDITION, FBC-R 2023.
7. ALL HORIZONTAL & VERTICAL CONTROL JOINTS SHALL BE INSTALLED IAW ASTM 1063.
8. ALL FIBER CEMENT SIDING SHALL BE IAW R103.1 OF THE 8TH EDITION, FBC-R 2023.
9. "ZIP SYSTEMS" WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR FRAME WALLS.
10. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFORMATION.



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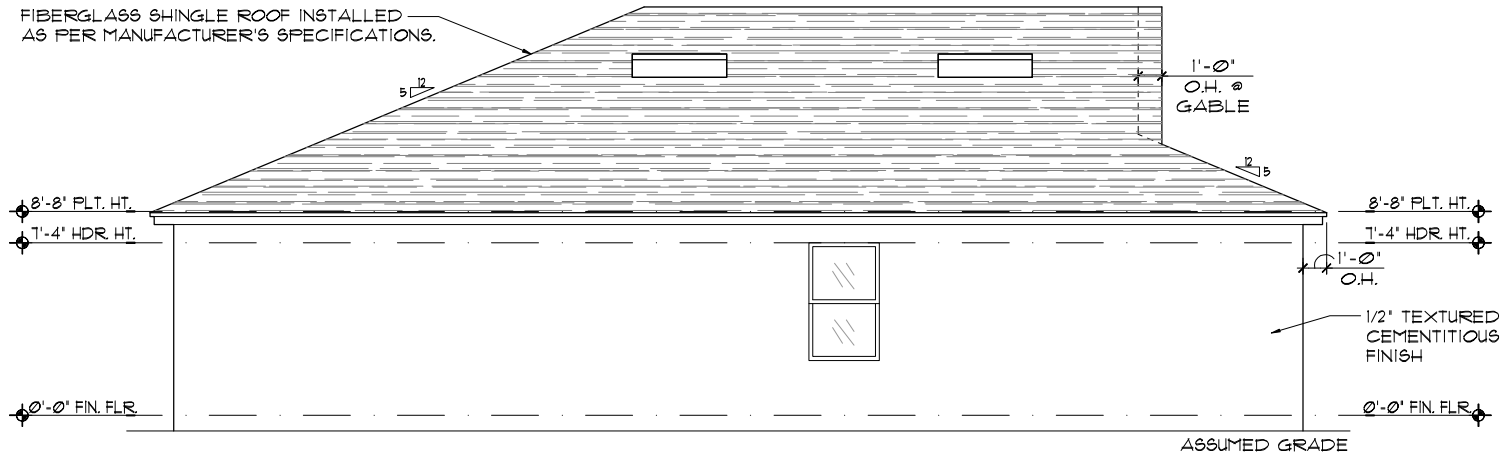
Park Square HOMES

EXTERIOR ELEVATION
FRONT AND REAR

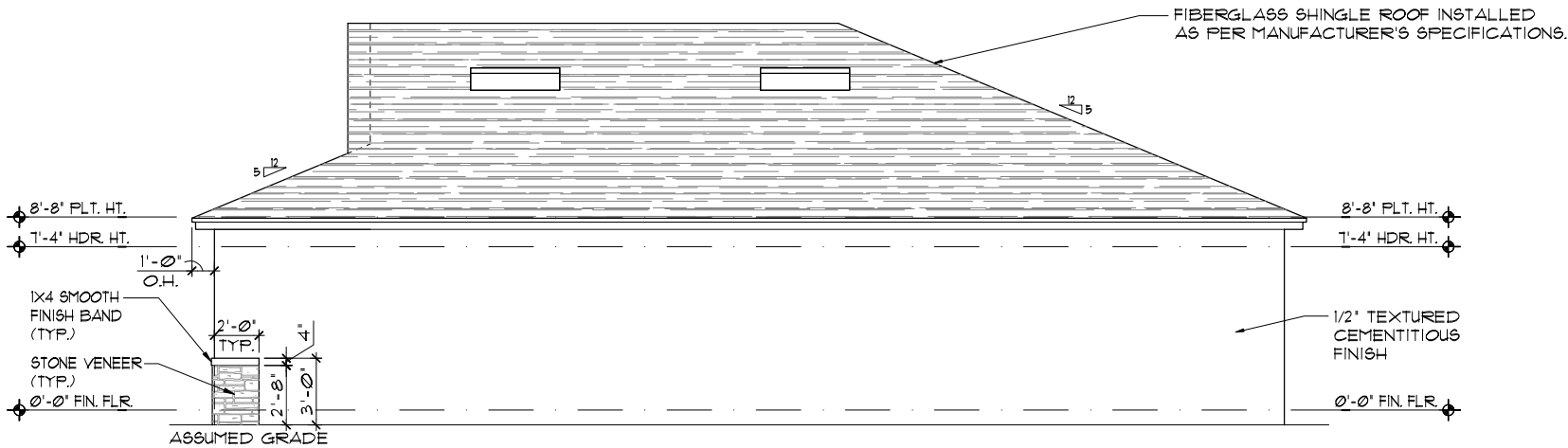
1425 ARIES
40' EXPLORATION SERIES

REVISIONS	
DELTA #	DATE
DATE: 09-02-25	
SCALE: AS NOTED	
DRAWN: MR	
SHEET:	
03.C	

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



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

- EXTERIOR FINISH NOTES
1. LATH TO BE ATTACHED IAW R103.1.1 OF THE 8TH EDITION, FBC-R 2023 & ASTM C1063 OR C1187.
 2. PLASTERING TO BE INSTALLED IAW R103.1 & R103.1.2 OF THE 8TH EDITION, FBC-R 2023
 3. WEEP SCREED TO BE INSTALLED IAW R103.1.2.1 OF THE 8TH EDITION, FBC-R 2023 & ASTM C926.
 4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.2 & R103.13 OF THE 8TH EDITION, FBC-R 2023.
 5. FLASHING TO BE INSTALLED IAW R103.4 OF THE 8TH EDITION, FBC-R 2023.
 6. WIND RESISTANCE OF WALL COVERINGS & BACK MATERIALS SHALL BE IAW R103.12 OF THE 8TH EDITION, FBC-R 2023
 7. ALL HORIZONTAL & VERTICAL CONTROL JOINTS SHALL BE INSTALLED IAW ASTM 1063.
 8. ALL FIBER CEMENT SIDING SHALL BE IAW R103.1 OF THE 8TH EDITION, FBC-R 2023.
 9. 'ZIP SYSTEMS' WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR FRAME WALLS.
 10. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFORMATION.

THIS STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE-RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, COMMUNITY

1425 ARIES

40' EXPLORATION SERIES

REVISIONS

DELTA #	DATE
DATE:	09-02-25
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DRAWN:	MR
SHEET:	03.1C

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EXTERIOR ELEVATION
LEFT AND RIGHT

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ENCLOSED ATTIC SPACES AND ENCLOSED RAFTER SPACES FORMED WHERE CEILINGS ARE APPLIED DIRECTLY TO THE UNDERSIDE OF ROOF RAFTERS SHALL HAVE CROSS VENTILATION. FOR EACH SEPARATE SPACE BY VENTILATING OPENINGS PROTECTED AGAINST THE ENTRANCE OF RAIN OR SNOW, MINIMUM NET FREE VENTILATING AREA SHALL NOT BE LESS THAN 1/50 OF THE AREA OF THE VENTED SPACE, (EXCEPT THAT THE REDUCTION OF THE TOTAL AREA TO 1/300 IS PERMITTED, PROVIDED THAT AT LEAST 40% AND NOT MORE THAN 50% OF THE REQUIRED VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED AT NO MORE THAN 3 FEET BELOW THE RIDGE OR HIGHEST POINT OF SPACE, MEASURED VERTICALLY, WITH THE BALANCE OF THE REQUIRED VENTILATION PROVIDED BY EAVE OR CORNICE VENTS.)

1. PLAN SHOWS APPROXIMATE VENT LOCATIONS AND STILL REQUIRES REVIEW BY THE BUILDER/G.C. TO VERIFY ALL VENTING COMPONENTS ARE INSTALLED PER THE MIN. REQUIREMENTS AS STATED IN THE CURRENT EDITION OF THE FBC(R) SECTION R806 AND ALL SUBSEQUENT SUB-SECTIONS.
2. WHERE EAVE OR CORNICE VENTS ARE INSTALLED, PROVIDE BAFFLES TO MAINTAIN A MIN. 1" AIRSPACE BETWEEN INSULATION AND ROOF SHEATHING AND AT THE LOCATION OF THE VENT.
3. VENTILATION OPENINGS SHALL HAVE A LEAST DIMENSIONS OF 1/16" MIN. AND 1/4" MAX. VENTILATION OPENINGS HAVING A LEAST DIMENSION GREATER THAN 1/4" SHALL BE PROVIDED WITH AN APPROVED CORROSION PROTECTIVE COVER HAVING A LEAST DIMENSIONS OF 1/16" AND 1/4" MAXIMUM.
4. ALL VENTS SHALL BE INSTALLED PER THE MANUFACTURER'S WRITTEN SPECIFICATIONS (FREE FROM BLOCKAGES AND/OR OBSTRUCTIONS) PROVIDING ADEQUATE CROSS VENTILATION.
5. THE BUILDER/ROOFING CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL CALCULATIONS AND QUANTITIES OF REQUIRED VENTILATORS PRIOR TO INSTALLATION.
6. ROOF PLAN DEPICTED IS NOT INTENDED TO SERVE AS A TRUSS DESIGN
7. SEE BUILDING SECTIONS, WALL SECTIONS & ELEVATIONS FOR BEARING HEIGHTS

OFF RIDGE VENTS TO HAVE A NET FREE VENTILATION AREA OF

 INDICATES POSSIBLE LOCATION OF OFF RIDGE VENTS

— - — INDICATES POSSIBLE LOCATION OF SOFFIT VENTING

NET FREE VENTILATED AREA(S):

(MILLENNIUM METALS- MMI-2)
NFVA = 1,320 SQ. FT. / 144 / 300 = 369-461 SQ. IN. REQUIRED (40%-50%)

(B) OFF RIDGE VENTS @ 80.5 SQ. IN. (MILLENNIUM METALS- MMI-2) = 403 SQ. IN. PROVIDED

(LOMANCO-T10D)
NFVA = 1,320 SQ. FT. / 144 / 300 = 369-461 SQ. IN. REQUIRED (40%-50%)

(3) OFF RIDGE VENTS @ 140 SQ. IN. (LOMANCO-T10D) = 420 SQ. IN. PROVIDED

+/- 200 LINEAR FEET OF VENTED SOFFIT.

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

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	REVISIONS			
	DELTA #	DATE		
DATE: 09-02-2010				
SCALE: AS NOTED				
DRAWN: _____				
SHEET: _____				
04.B				

1425 ARLES

40' EXPLORATION SERIES

REVISIONS

DELTA #	DATE
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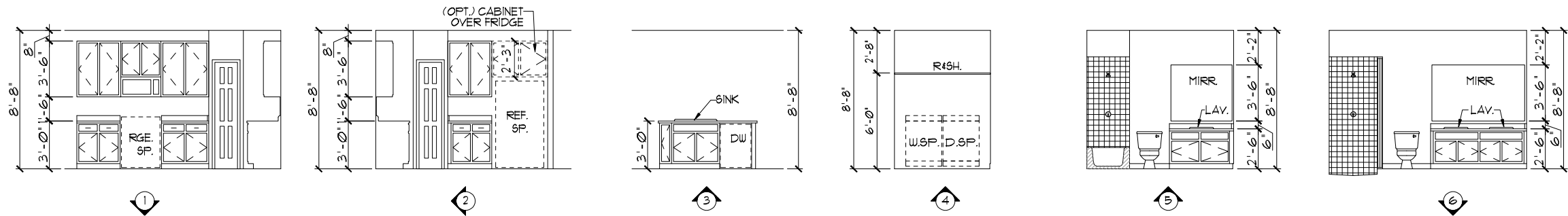
DATE: 09-02-25

SCALE: AS NOTED

DRAWN: M

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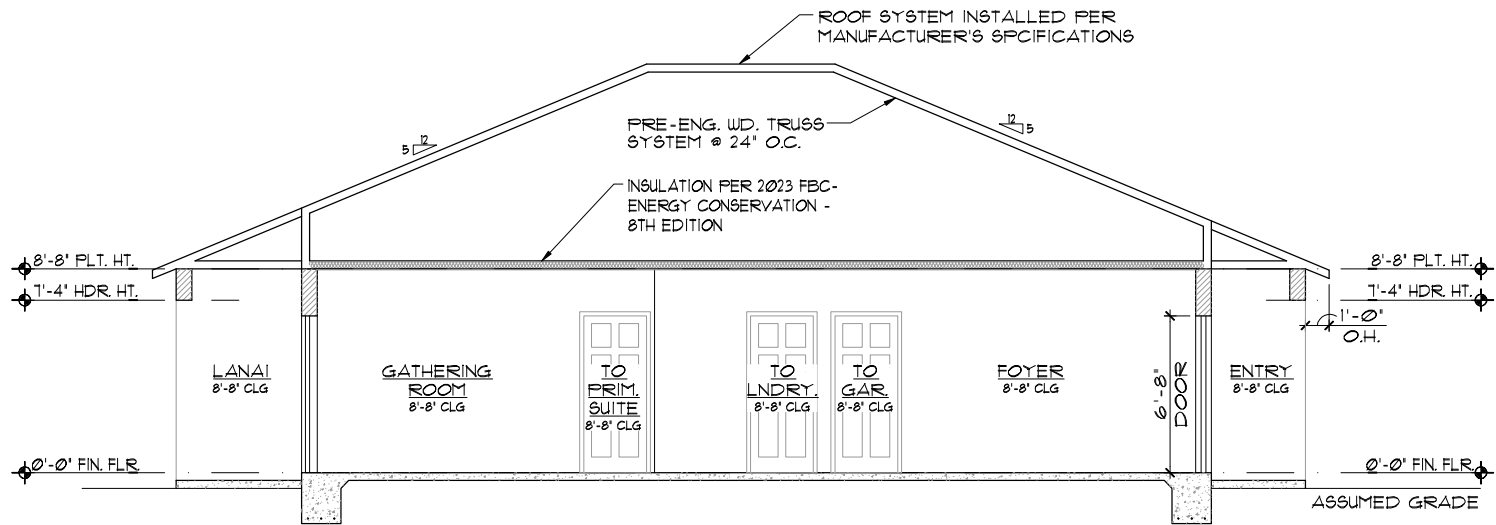
04.B



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.



ELEVATION A-B-C STD
BUILDING SECTION
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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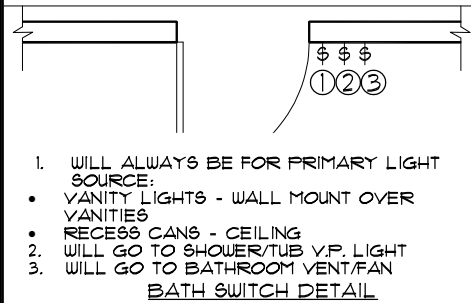


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Park Square
HOMES

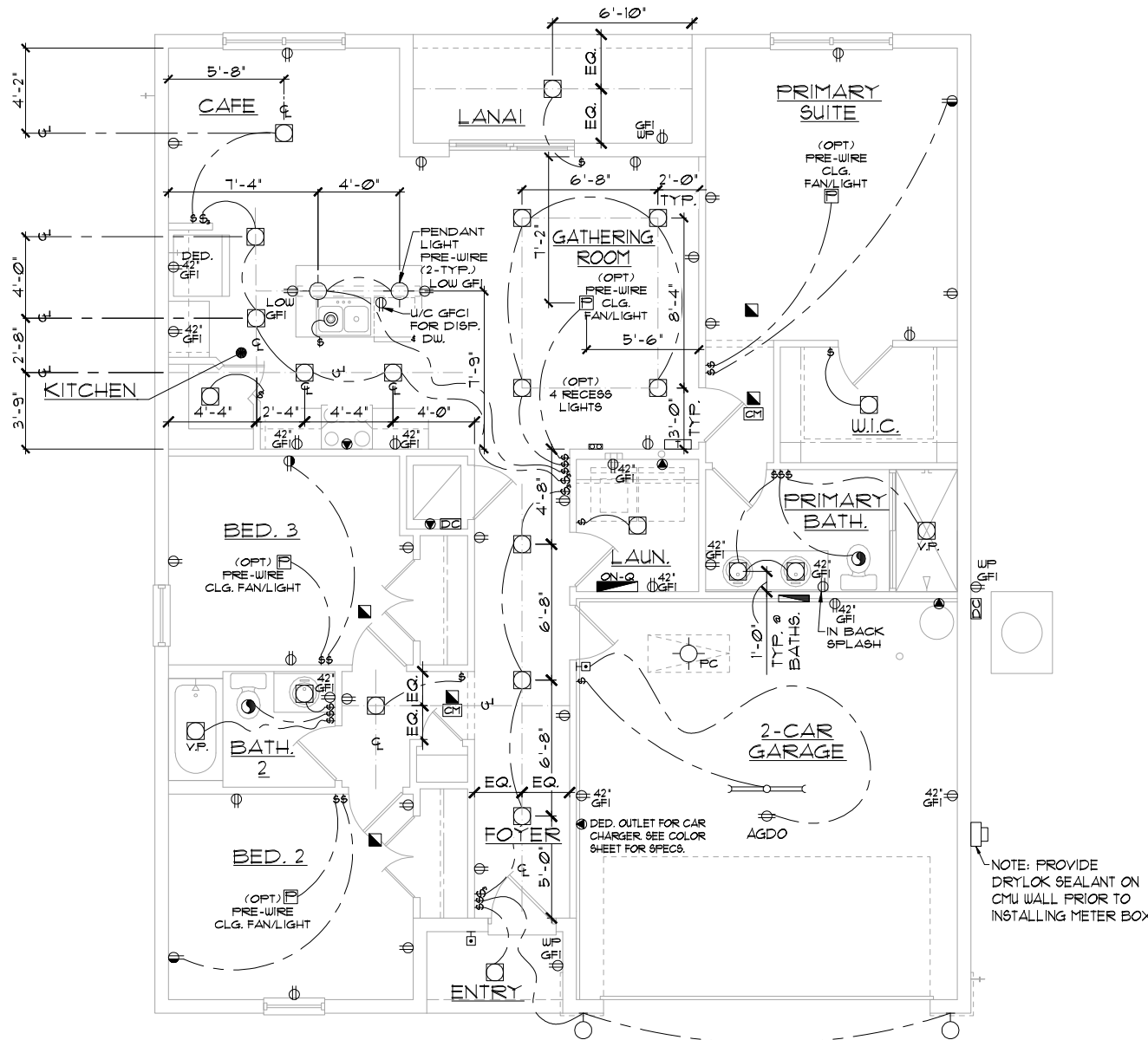
BUILDING SECTION /
INTERIOR ELEVATIONS

1425 ARIES
40' EXPLORATION SERIES



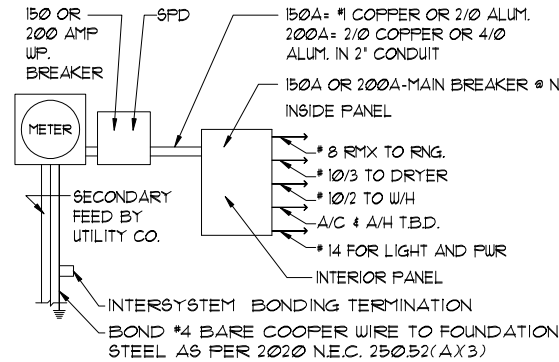
- WILL ALWAYS BE FOR PRIMARY LIGHT SOURCE.
- VANITY LIGHTS - WALL MOUNT OVER VANITIES
- RECESS CANS - CEILING
- WILL GO TO SHOWER/TUB V.P. LIGHT
- WILL GO TO BATHROOM VENT/FAN

BATH SWITCH DETAIL



NOTE: PROVIDE DRYLOK SEALANT ON CMU WALL PRIOR TO INSTALLING METER BOX

NOTE: SEE FINAL COLOR SHEET FOR TV, FANS & PHONE LOCATIONS
NOTE: ELEC. CONTRACTOR TO VERIFY IF ON-Q IS NEEDED PER COMMUNITY SPECS.



ELECTRICAL RISER DIAGRAM

- NOTES:
- ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(AX1) TO (6), NFPA 70, LOCAL CODES, AND THE LOCAL POWER/ UTILITY COMPANY.
 - ALL SERVICES SUPPLYING DWELLING UNITS SHALL BE PROVIDED WITH A SURGE-PROTECTION DEVICE (SPD) THE SPD SHALL BE A TYPE 1 OR TYPE 2 SPD.
 - SEE GENERAL NOTES PAGE FOR ADDITIONAL INFORMATION.

250.52(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 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 LEGEND

⊕ SINGLE POLE SWITCH	◀ OUTLET, PHONE
⊕ THREE WAY SWITCH	◻ INTERCOM
◻ OUTLET 110-115	◻ CHIMES
◻ OUTLET 110-115, SPLIT WIRED	◻ SMOKE DETECTOR/SMOKE ALARM W/ INTEGRATED SOUNDER BASE
◻ OUTLET 110-115, W/ USB	◻ CARBON MONOXIDE
◻ OUTLET 110-115, CEILING MOUNTED	◻ PUSH BUTTON
◻ OUTLET 110-115, FLOOR MOUNTED	◻ EXHAUST FAN
◻ SPECIAL PURPOSE 220-240	◻ EX. FAN/LIGHT COMBO
◻ LIGHT FIXTURE, CEILING MOUNTED	◻ DISPOSAL
◻ LIGHT FIXTURE, WALL MOUNTED	◻ ON-Q PANEL
◻ LED LIGHT FIXTURE, RECESSED	◻ ELECTRICAL PANEL
◻ LIGHT FIXTURE, RECESSED ADJUST.	◻ CEILING FAN, PREWIRE
◻ LIGHT FIXTURE, PULL CHAIN	◻ CEILING FAN, INSTALL
◻ LED LIGHT FIXTURE, FLUORESCENT	◻ ELEC. JUNCTION BOX
◻ LIGHT FIXTURE, EXTERIOR FLOODS	◻ THERMOSTAT
◻ LIGHT FIXTURE, EMERGENCY EXIT	◻ DISCONNECT SWITCH
◻ LIGHT FIXTURE, EXIT/BACKUP	◻ ELEC. POWER METER
◻ OUTLET, TV/CABLE	

ELECTRICAL DEVICES

	ABOVE FIN. FLR.
SWITCHES AND WALL OUTLETS OVER COUNTERS	48" TO C.L.
REMAINING SWITCHES	48" TO C.L.
WALL OUTLETS	12" TO C.L.
TELEPHONE OUTLETS	12" TO C.L.
TELEVISION OUTLETS	12" TO C.L.
EXTERIOR GFI'S	12" TO C.L.
GARAGE GFI'S (ABOVE GARAGE FLOOR)	48" TO C.L.
THERMOSTAT	54" TO C.L.
DOOR BELL CHIMES	84" TO C.L.
DOOR BELL BUTTON	LEVEL W/ DOOR HANDLE
KITCHEN HOOD FAN "WHIP"	66" TO C.L.
KITCHEN WALL HUNG MICROWAVE RECEPTACLE	16" TO C.L.
KITCHEN DISHWASHER RECEPTACLE	UNDER SINK
KITCHEN RANGE	24" TO C.L.
KITCHEN REFRIGERATOR	48" TO C.L.
WASHER/DRYER OUTLET	36" TO C.L.
HOLLYWOOD LIGHTS	84" TO C.L.

CL. = CENTER LINE

ELEVATION A & C STD

UTILITY PLAN

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

LOT: 0000, COMMUNITY

1425 ARIES

40' EXPLORATION SERIES

REVISIONS

DELTA # DATE

DATE: 09-02-25

SCALE: AS NOTED

DRAWN: M/R

SHEET:

E1

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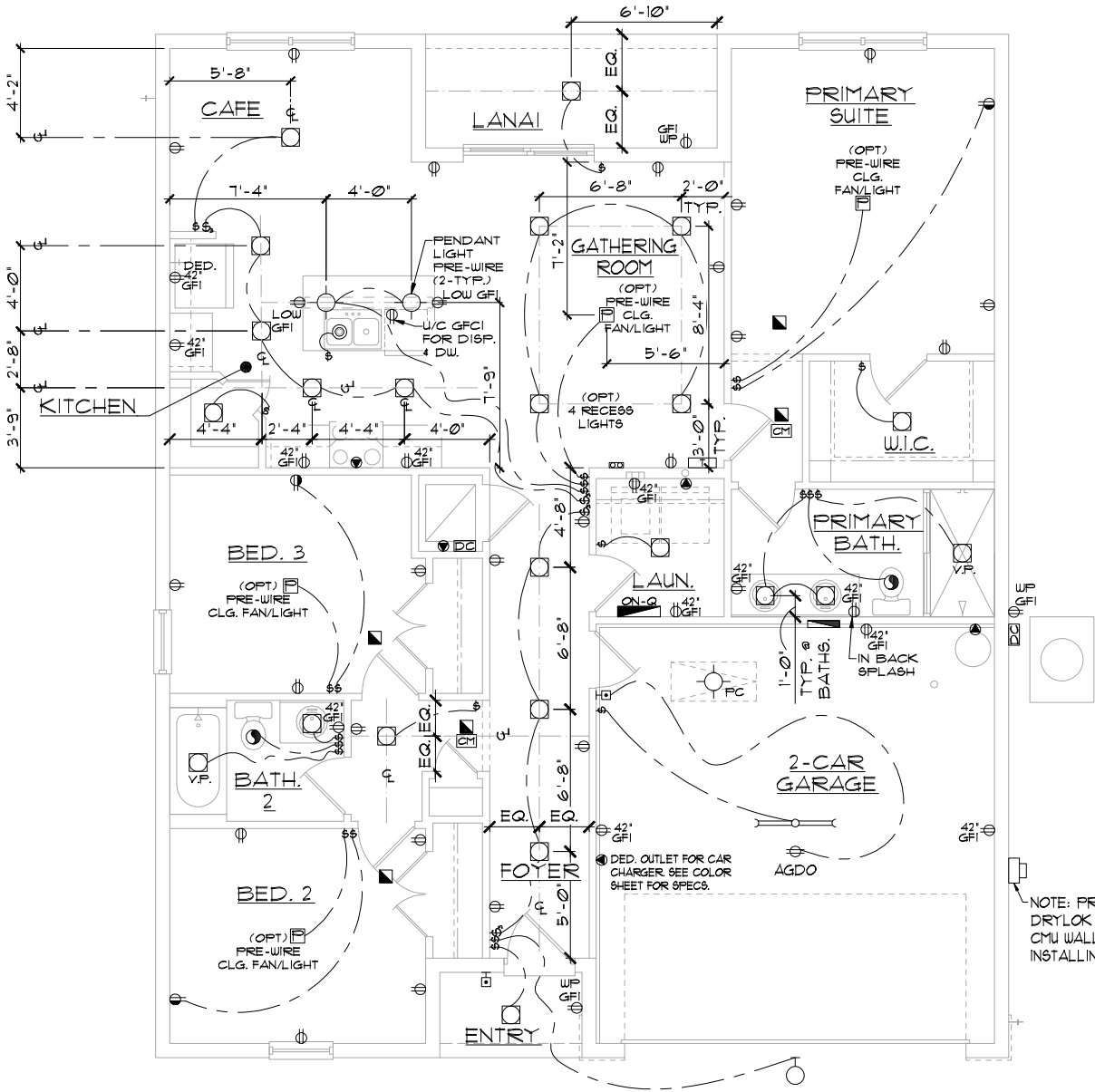
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Orlando, Florida 32811
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UTILITY PLAN

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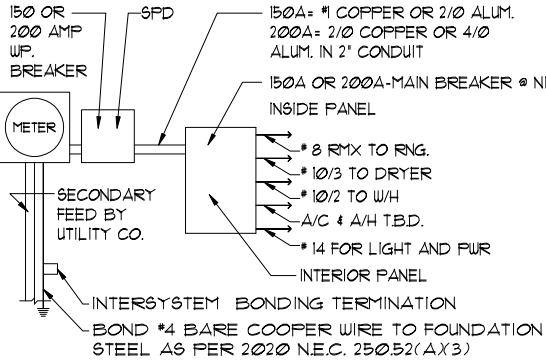
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NOTE: SEE FINAL COLOR SHEET FOR TV, FANS & PHONE LOCATIONS

NOTE: ELEC. CONTRACTOR TO VERIFY IF ON-Q IS NEEDED PER COMMUNITY SPECS.



ELECTRICAL RISER DIAGRAM
N.T.S.

- NOTES:
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250.52(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 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 LEGEND

⊕ SINGLE POLE SWITCH	◀ OUTLET, PHONE
⊕ THREE WAY SWITCH	◻ INTERCOM
◻ OUTLET 120-115	◻ CHIMES
◻ OUTLET 120-115, SPLIT WIRED	◻ SMOKE DETECTOR/SMOKE ALARM W/ INTEGRATED SOUNDER BASE
◻ OUTLET 120-115, W/ USB	◻ CARBON MONOXIDE
◻ OUTLET 120-115, CEILING MOUNTED	◻ PUSH BUTTON
◻ OUTLET 120-115, FLOOR MOUNTED	◻ EXHAUST FAN
◻ SPECIAL PURPOSE 220-240	◻ EX. FAN/LIGHT COMBO
◻ LIGHT FIXTURE, CEILING MOUNTED	◻ DISPOSAL
◻ LIGHT FIXTURE, WALL MOUNTED	◻ ON-Q PANEL
◻ LED LIGHT FIXTURE, RECESSED	◻ ELECTRICAL PANEL
◻ LIGHT FIXTURE, RECESSED ADJUST.	◻ CEILING FAN, PREWIRE
◻ LIGHT FIXTURE, PULL CHAIN	◻ CEILING FAN, INSTALL
◻ LED LIGHT FIXTURE, FLUORESCENT	◻ ELEC. JUNCTION BOX
◻ LIGHT FIXTURE, EXTERIOR FLOODS	◻ THERMOSTAT
◻ LIGHT FIXTURE, EMERGENCY EXIT	◻ DISCONNECT SWITCH
◻ LIGHT FIXTURE, EXIT/BACKUP	◻ ELEC. POWER METER
◻ OUTLET, TV/CABLE	

ELECTRICAL DEVICES ABOVE FIN. FLR.

SWITCHES AND WALL OUTLETS OVER COUNTERS	48" TO C.L.
REMAINING SWITCHES	48" TO C.L.
WALL OUTLETS	12" TO C.L.
TELEPHONE OUTLETS	12" TO C.L.
TELEVISION OUTLETS	12" TO C.L.
EXTERIOR GFI'S	12" TO C.L.
GARAGE GFI'S (ABOVE GARAGE FLOOR)	48" TO C.L.
THERMOSTAT	54" TO C.L.
DOOR BELL CHIMES	84" TO C.L.
DOOR BELL BUTTON	LEVEL W/ DOOR HANDLE
KITCHEN HOOD FAN "WHIP"	66" TO C.L.
KITCHEN WALL HUNG MICROWAVE RECEPTACLE	16" TO C.L.
KITCHEN DISHWASHER RECEPTACLE	UNDER SINK
KITCHEN RANGE	24" TO C.L.
KITCHEN REFRIGERATOR	48" TO C.L.
WASHER/DRYER OUTLET	36" TO C.L.
HOLLYWOOD LIGHTS	84" TO C.L.

CL. = CENTER LINE

ELEVATION B STD
UTILITY PLAN

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

LOT: 0000, COMMUNITY 1425 ARIES

REVISIONS

DELTA # DATE

DATE: 09-02-25

SCALE: AS NOTED

DRAWN: MR

SHEET: E1

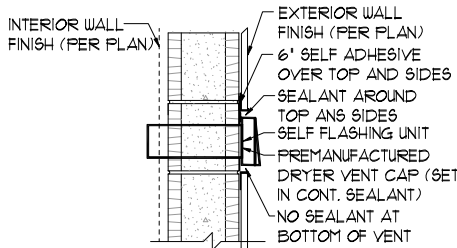
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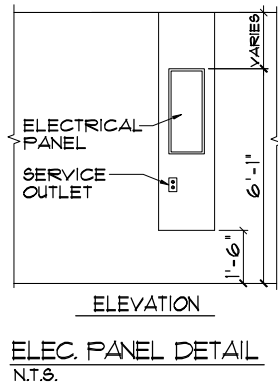
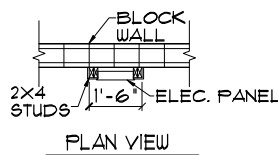
UTILITY PLAN

40' EXPLORATION SERIES

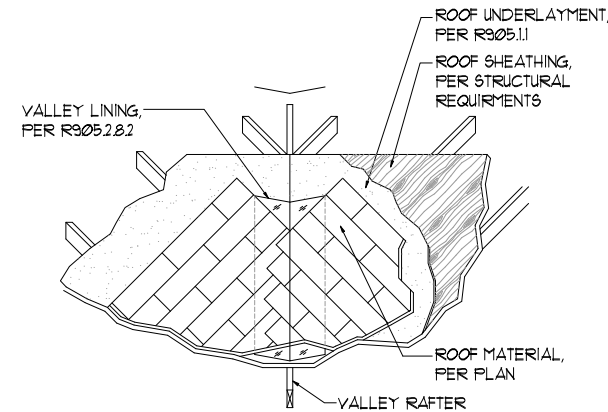
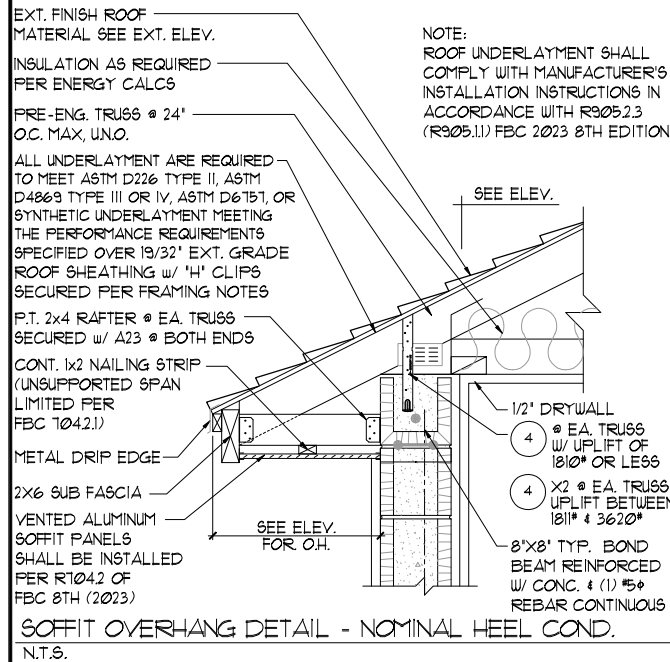
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PENETRATION FLASHING
N.T.S.



ELEC. PANEL DETAIL
N.T.S.

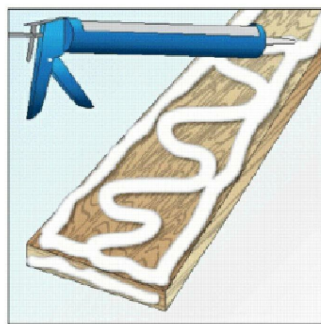


CLOSED VALLEY FLASHING DETAIL
N.T.S.
R303.2 Locations.
Flashings shall be installed at wall and roof intersections, wherever there is a change in roof slope or direction and around roof openings. Where flashing is of metal, the metal shall be corrosion resistant with a thickness of not less than provided in Table R303.2.1. OR IN COMPLIANCE WITH RAS III.



A

APPLY A LIQUID FLASHING TO THE MASONRY OPENING (HEAD, JAMB, SILL) IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS, BEFORE INSTALLATION OF THE BUCK/RECEPTOR.



B

APPLY A LIQUID APPLIED FLASHING OR SEALANT TO ALL BUCK SURFACES THAT WILL BE IN DIRECT CONTACT WITH THE MASONRY ROUGH OPENING.



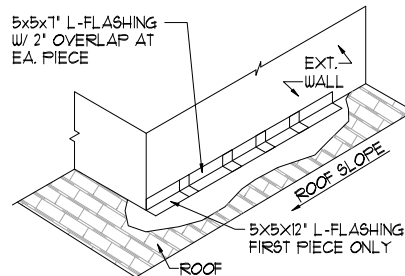
C

APPLY A FILLET BEAD OF SEALANT INTO THE PERIMETER JOINT AND INTO JOINERY BETWEEN THE END OF THE BUCK AND THE MASONRY/SILL (TOOL SEALANT).



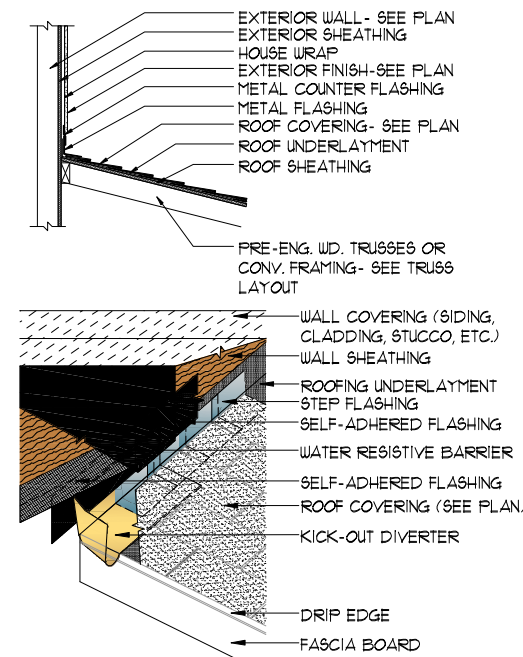
D

APPLY A LIQUID FLASHING OR A SELF-ADHERING FLASHING MEMBRANE PER AAMA 711 TO THE EXPOSED EXTERIOR FACE OF THE BUCK AND THE RETURN SURFACE OF THE HEAD AND JAMB (INTERIOR SURFACE OF THE BUCK IS LEFT UNSEALED).

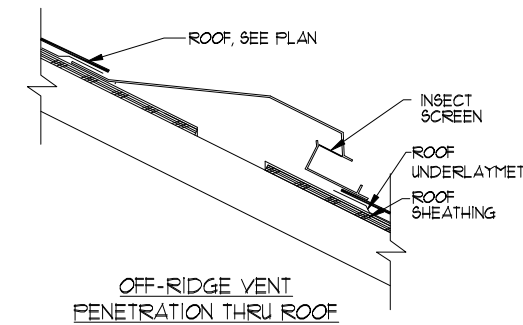


FLASHING DETAIL TO COMPLY WITH
R305.2.3 OF THE FBC 2023 - 8TH ED.

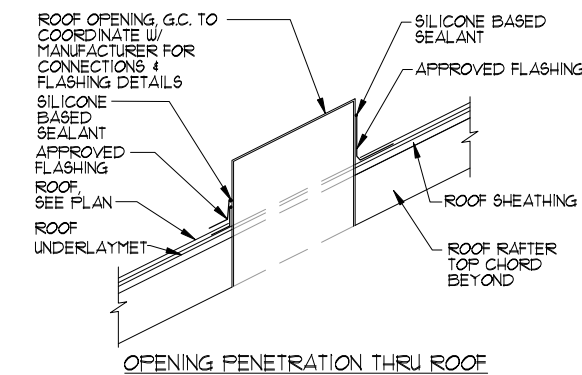
STEP WALL FLASHING
N.T.S.



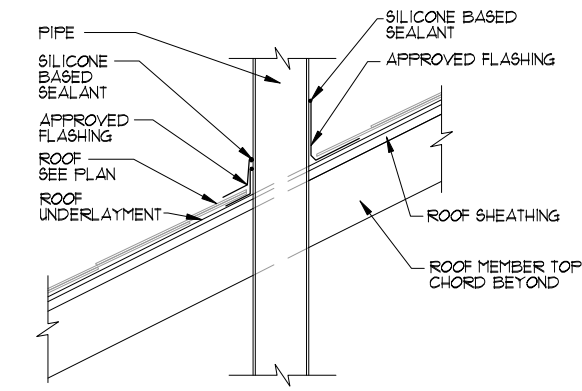
ROOF TO WALL FLASHING DETAIL
N.T.S.



OFF-RIDGE VENT
PENETRATION THRU ROOF



OPENING PENETRATION THRU ROOF



PIPE PENETRATION THRU ROOF
SCALE: N.T.S.

LOT: 0000, COMMUNITY

THIS STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE 8TH EDITION, 2023 OF THE FLORIDA BUILDING CODE-RESIDENTIAL AND IS CERTIFIED AS SUCH

REVISIONS

DELTA #	DATE

DATE: XX-XX-24
SCALE: AS NOTED
DRAWN: MR
SHEET: AD1

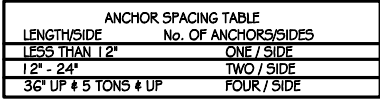
DETAILS

DETAILS

TEG
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ENTERPRISES, INC.
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Orlando, Florida 32811
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Park Square
HOMES



1 COND. ANCHOR DETAIL
N.T.S.

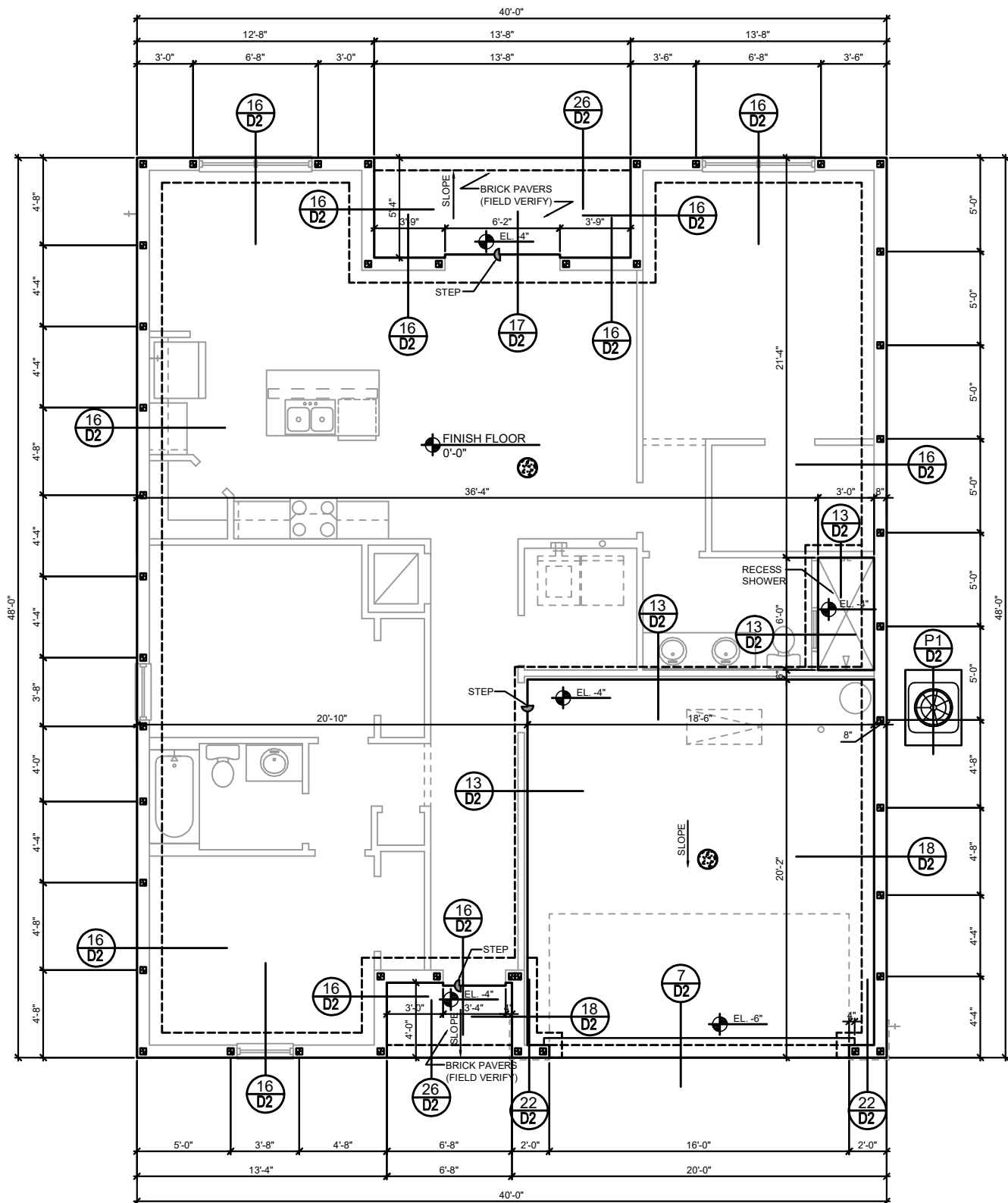
1- MISSED FOOTING DOWELS MAY BE SUBSTITUTED W/ A STRAIGHT #5 REBAR SET IN A 3/4" DIA. x 6" DEEP HOLE FILLED W/ UNITEX PROPOXY 300 OR SIMPSON SET OR ETF ADHESIVES.

2- BLOCK WALL OVERHANGING SLAB CONDITION: UP TO 7/8" - NO REPAIR NECESSARY 7/8" TO 1 1/4" - ADD FILLED CELL (NO VERTICAL STEEL) MIDPOINT OF WALL BETWEEN EXISTING FILLED CELLS (WITH STEEL) IN AREAS AFFECTED. 1 1/4"+ - REQUIRE SPECIAL ENGINEERING LETTER.

3- PENETRATION OF PLUMBING PIPES/DRYER VENTS THRU PLATES ON A LOAD BEARING WALL MAY OCCUR PROVIDED DBL. STUDS ARE ADDED ON EITHER SIDE OF PENETRATION WITHIN 3" AND TRUSS/FLOOR TRUSS IS NO CLOSER THAN 3" FROM PENETRATION. ADD (1) MTS 12 @ TOP AND BOTTOM PLATE.

CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS RELATIVE TO SAME. WHERE THERE ARE CONFLICTS BETWEEN ACTUAL FIELD CONDITIONS AND DATA PRESENTED IN THE DRAWINGS, SUCH CONDITIONS SHALL BE CALLED TO THE ARCHITECT'S AND OR TO THE ENGINEER OF RECORD'S (EOR) ATTENTION AND NECESSARY ADJUSTMENTS MADE PER THEIR INSTRUCTIONS.

1. ■ CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
2. (D) DENOTES FILL CELL REINF. W/ CONC. W/ 1 - #5 REBAR. GRADE 60
DENOTES FILL CELL RE_NE_ W/ CONC. W/ 2-#5 REBAR. GRADE 60.
3. (D) DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2,500 P.S.I.
4" THICK WITH 6X6 10/10 GAUGE REINFORCING MAT. W/ MIN.
0.006MG (6mil) POLYETHYLENE VAPOR BARRIER OVER
COMPACTED CLEAN FILL. WWF SHALL BE PLACE IN MIDDLE TO
UPPER THIRD OF SLAB AND SUPPORTED ON APPROVED SLAB
BOLSTERS. *FIBER MESH REINFORCEMENT MAY USED AS
ALTERNATIVE TO WIRE.
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. WATER HEATER TOP RELIEF VALVE SHALL E FULL SIZE TO
EXTERIOR. WATER HEATER AT OR ABOVE FLOOR LEVEL G1-FALL E
IN A FAN WITH DRAIN TO EXTERIOR. WATER HEATER SHALL HAVE
APPROVED THERMAL EXPANSION DEVICE
6. PAVERS MAY BE USED ILO CONCRETE SLABS IN PATIO, PORCH,
DRIVE AND WALKWAY AREAS. DELETE SLAB IN AREAS PAVERS
ARE USED.
7. MECHANICAL EQUIP. LOCATIONS WILL BE DETERMINED BY
COMMUNITY AND COUNTY CODES.
8. IN LIEU OF TREATING THE SOIL, AN ALTERNATIVE TO TERMIT
TREATED SOIL CA BE PREMISE 75 WP TERMICIDE.
9. BORA -CARE TO BE APPLIED ON INTERIOR WALLS W/
MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS,
PURSUANT FLORIDA BUILDING CODE LATEST EDITION.



FOUNDATION PLAN
A, B, C (STANDARD)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x37)

1/8"=1'-0" (11x17) 1/4"=1'-0" (22x37)

THIS STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE-RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000. COMMUNITY

ITEMS ARE PROHIBITED.

ITTEG

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

Park Square HOMES

FOUNDATION PLAN

1425 ARIES

40' EXPLORATION SERIES

REVISIONS

DELTA # | DATE

DATE: 09-02-

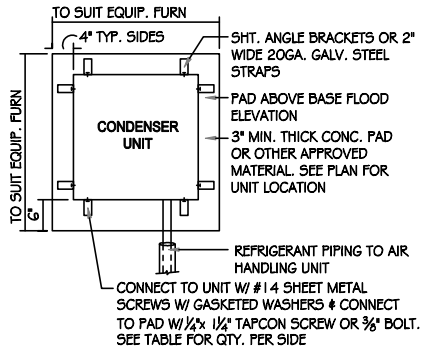
SCALE: AS NOTE

DRAIN: 1

SHEET:

S1

DISCLAIMER: CONTRACTOR/SUB-CONTRACTOR IS RESPONSIBLE TO REVIEW ALL INFORMATION CONTAINED HEREIN PRIOR TO COMMENCEMENT OF CONSTRUCTION. PARK SQUARE HOMES IS NOT RESPONSIBLE FOR ANY MISINTERPRETATIONS, ERRORS, OMISSIONS OR CUSTOM CHANGES MISSED AND NOT REPORTED PRIOR TO CONSTRUCTION. NO EXCEPTIONS.



ANCHOR SPACING TABLE	
LENGTH/SIDE	No. OF ANCHORS/SIDES
LESS THAN 12"	ONE / SIDE
12" - 24"	TWO / SIDE
36" UP & 5 TONS & UP	FOUR / SIDE

1 COND. ANCHOR DETAIL

N.T.S.

FIELD REPAIR NOTES

1- MISSED FOOTING DOWELS MAY BE SUBSTITUTED W/ A STRAIGHT #5 REBAR SET IN A 3/4" DIA. x 6" DEEP HOLE FILLED W/ UNITEX PROPOXY 300 OR SIMPSON SET OR EITF ADHESIVES.

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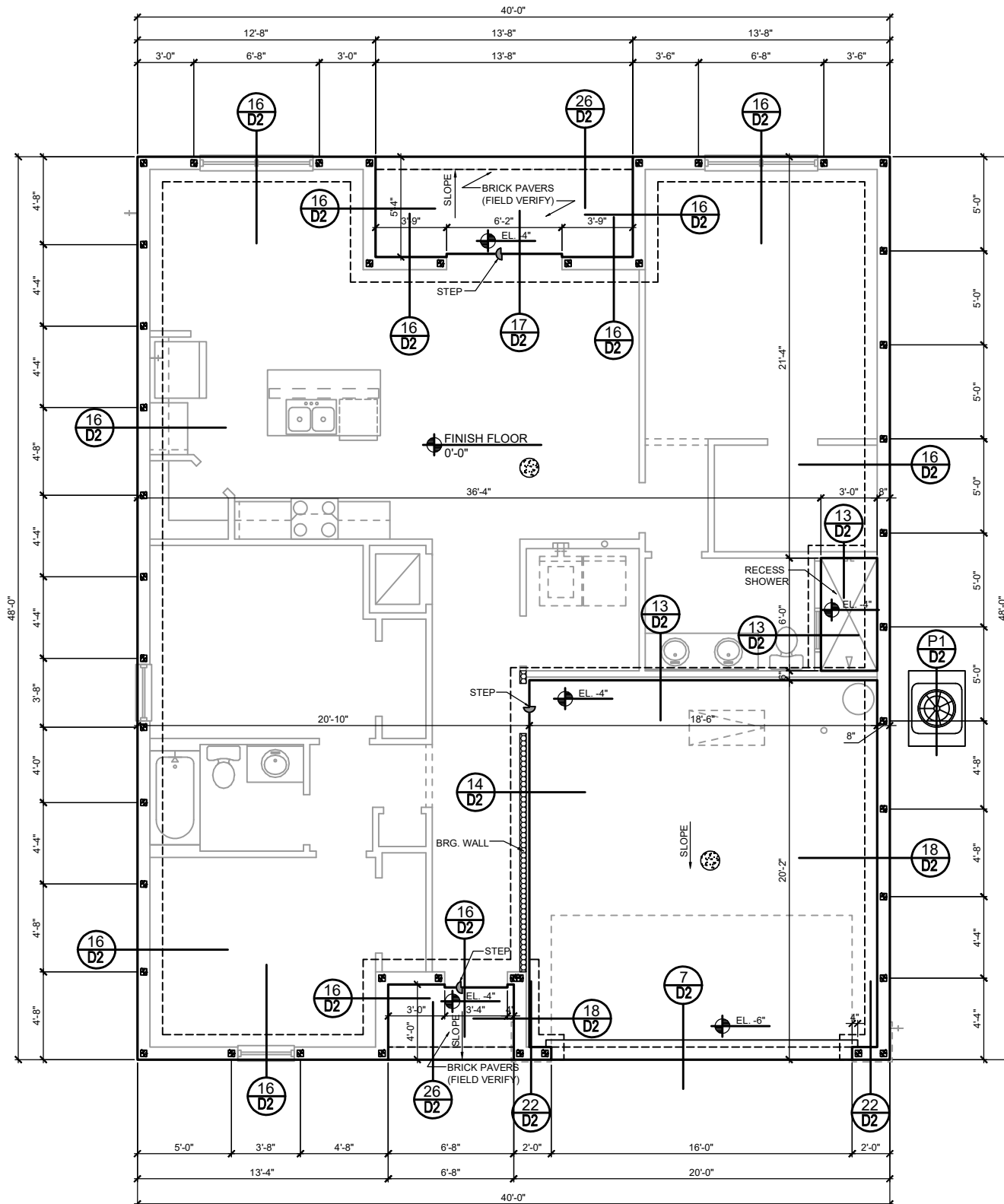
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VERIFICATION OF FIELD CONDITIONS:

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- DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2,500 P.S.I. 4" THICK WITH 6X6 10/10 GAUGE REINFORCING MAT. W/ MIN. 0.006mm (6mil) POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL. WWF SHALL BE PLACE IN MIDDLE TO UPPER THIRD OF SLAB AND SUPPORTED ON APPROVED SLAB BOLSTERS. *FIBER MESH REINFORCEMENT MAY USED AS ALTERNATIVE TO WIRE.
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- WATER HEATER T&P RELIEF VALVE SHALL E FULL SIZE TO EXTERIOR. WATER HEATER AT OR ABOVE FLOOR LEVEL 61-FALL E IN A FAN WITH DRAIN TO EXTERIOR. WATER HEATER SHALL HAVE APPROVED THERMAL EXPANSION DEVICE
- PAVERS MAY BE USED ILO CONCRETE SLABS IN PATIO, PORCH, DRIVE AND WALKWAY AREAS. DELETE SLAB IN AREAS PAVERS ARE USED.
- MECHANICAL EQUIP. LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
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LOT: 0000, COMMUNITY

ITEG
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FORT MYERS, FL 33907
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www.iteg.com

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ENTERPRISES, INC.
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FOUNDATION PLAN

1425 ARIES

40' EXPLORATION SERIES

REVISIONS

DELTA #	DATE

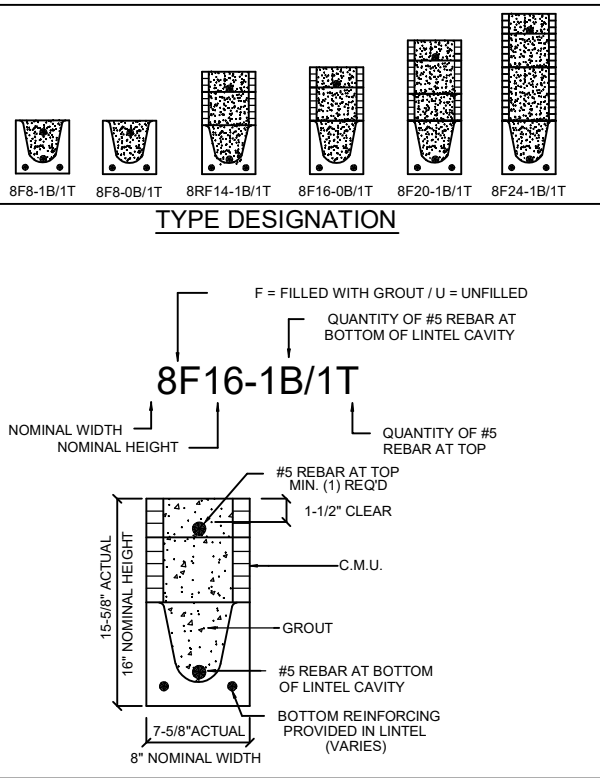
DATE: 09-02-25
SCALE: AS NOTED
DRAWN: MR
SHEET: S1

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS											
8" PRECAST & PRESTRESSED U-LINTELS											
GRAVITY											
LENGTH \ TYPE	8U8	8F8-0B 8F8-1B	8F12-0B 8F12-1B	8F16-0B 8F16-1B	8F20-0B 8F20-1B	8F24-0B 8F24-1B	8F28-0B 8F28-1B	8F32-0B 8F32-1B			
2'-10" (34") PRECAST	2302	3166	4473	6039	7526	9004	10472	11936			
3'-6" (42") PRECAST	2302	3138	3377	4689	6001	7315	8630	9947			
4'-0" (48") PRECAST	2029	3166	4473	6039	7526	9004	10472	11936			
4'-6" (54") PRECAST	1651	2325	2496	3467	4438	5410	6384	7358			
5'-4" (64") PRECAST	1184	2646	4473	6039	7526	9004	10472	11936			
5'-10" (70") PRECAST	972	1787	1913	2657	3403	4149	4896	5644			
6'-6" (78") PRECAST	937	2170	4027	6039	7526	9004	10472	9668			
7'-6" (90") PRECAST	767	1223	1301	1839	2317	2826	3336	3846			
8'-0" (96") PRECAST	670	1665	2899	5057	6096	5400	6424	7450			
8'-8" (104") PRECAST	618	1000	1059	1474	1889	2304	2721	3137			
9'-4" (112") PRECAST	573	1459	2464	4144	5458	4437	5280	6122			
10'-6" (126") PRECAST	456	1255	2101	3396	5260	7134	8995	6890			
11'-4" (136") PRECAST	445	1029	1675	2385	1994	2439	2886	3333			
12'-0" (144") PRECAST	414	1029	1675	2610	3839	5596	6613	5047			
13'-4" (160") PRECAST	362	830	1362	1927	1602	1961	2320	2680			
14'-0" (168") PRECAST	338	899	1445	2214	3192	4533	6513	4087			
14'-8" (176") PRESTRESSED	N.R.	767	1257	1779	1479	1810	2142	2474			
15'-4" (184") PRESTRESSED	N.R.	829	1332	2044	2946	4184	6012	3773			
17'-4" (208") PRESTRESSED	N.R.	632	1049	1469	1210	1482	1754	2027			
19'-4" (232") PRESTRESSED	N.R.	768	1212	1818	2544	3469	4030	3127			
21'-4" (256") PRESTRESSED	N.R.	482	802	1125	915	1122	1328	1535			
22'-0" (264") PRESTRESSED	N.R.	658	1025	1514	2081	2774	3130	2404			
24'-0" (288") PRESTRESSED	N.R.	598	935	1365	1854	2355	1793	2075			
		598	935	1365	1854	2441	3155	4044			
		545	864	1254	1689	2074	1570	1818			
		555	864	1254	1693	2211	2832	3590			
		427	726	1028	1331	1635	1224	1418			
		485	748	1076	1438	1855	2343	2920			
		381	648	919	1190	1462	1087	1260			
		455	700	1003	1335	1714	2153	2666			
		NR	NR	NR	NR	NR	NR	NR			
		465	765	1370	2045	2610	3185	3765			
		NR	NR	NR	NR	NR	NR	NR			
		420	695	1250	1855	2370	2890	3410			
		NR	NR	NR	NR	NR	NR	NR			
		310	530	950	1400	1800	2200	2600			
		NR	NR	NR	NR	NR	NR	NR			
		240	400	750	1090	1400	1720	2030			
		NR	NR	NR	NR	NR	NR	NR			
		163	330	610	940	1340	1780	2110			
		NR	NR	NR	NR	NR	NR	NR			
		160	300	570	870	1250	1680	1370			
		NR	NR	NR	NR	NR	NR	NR			
		130	240	470	720	1030	1350	1610			

8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
GRAVITY											
LENGTH \ TYPE	8RU8	8RF6-0B 8RF6-1B	8RF10-0B 8RF10-1B	8RF14-0B 8RF14-1B	8RF18-0B 8RF18-1B	8RF22-0B 8RF22-1B	8RF26-0B 8RF26-1B	8RF30-0B 8RF30-1B			
4'-4"(52") PRECAST	1489	1591	3053	2982	3954	4929	5904	6880			
4'-6"(54") PRECAST	1357	1827	3412	4982	6472	7947	9416	10878			
5'-8"(68") PRECAST	785	1449	2782	2714	3600	4487	5375	6264			
5'-10"(70") PRECAST	735	1702	3412	4982	6472	7947	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	779	1500	1449	1924	2400	2876	3352			
		1103	2051	3811	6472	6516	5450	6411			
		907	1677	2933	2576	3223	3872	4522			
		907	1677	2933	4100	6730	8177	6707			
		761	1377	2252	1958	2451	2944	3439			
		764	1377	2329	3609	5492	6624	5132			
		420	834	1253	1071	1342	1614	1886			
		535	928	1497	2179	2618	3595	2875			

8" PRECAST & PRESTRESSED U-LINTELS											
UPLIFT										LATERAL	
LENGTH \ TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	8F16-1T 8F16-2T	8F20-1T 8F20-2T	8F24-1T 8F24-2T	8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8		
2'-10" (34") PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021		
3'-6" (42") PRECAST	2165	2289	3260	4237	5219	6204	7192	1257	1257		
4'-0" (48") PRECAST	1878	1989	2832	3680	4532	5387	6245	938	938		
4'-6" (54") PRECAST	1660	1762	2507	3257	4010	4767	5525	727	727		
5'-4" (64") PRECAST	1393	1484	2110	2741	3375	4010	4648	505	505		
5'-10" (70") PRECAST	1272	1357	1930	2505	3084	3665	4247	418	418		
6'-6" (78") PRECAST	1141	1200	1733	2250	2789	3290	3812	707	887		
7'-6" (90") PRECAST	990	1029	1468	1907	2351	2797	3245	591	657		
9'-4" (112") PRECAST	801	755	1192	1550	1910	2271	2634	454	630		
10'-6" (126") PRECAST	716	498	793	1027	1261	1496	1731	396	493		
11'-4" (136") PRECAST	666	439	696	899	1104	1309	1515	363	556		
12'-0" (144") PRECAST	607	400	631	816	1001	1186	1372	340	494		
13'-4" (160") PRECAST	573	409	682	1004	1367	1637	1897	302	398		
14'-0" (168") PRECAST	458	316	493	635	778	922	1065	286	360		
14'-8" (176") PRESTRESSED	243	295	459	591	724	857	990	N.R.	357		
15'-4" (184") PRESTRESSED	228	278	430	553	677	801	925	N.R.	327		
17'-4" (208") PRESTRESSED	188	236	361	464	567	670	774	N.R.	255		
19'-4" (232") PRESTRESSED	165	207	313	401	490	578	667	N.R.	204		
21'-4" (256") PRESTRESSED	145	186	278	356	433	512	590	N.R.	172		
22'-0" (264") PRESTRESSED	137	205	322	457	607	771	947	N.R.	161		
24'-0" (288") PRESTRESSED	127	185	244	312	380	447	515	N.R.	135		
	124	186	290	408	538	680	833	N.R.			

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



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

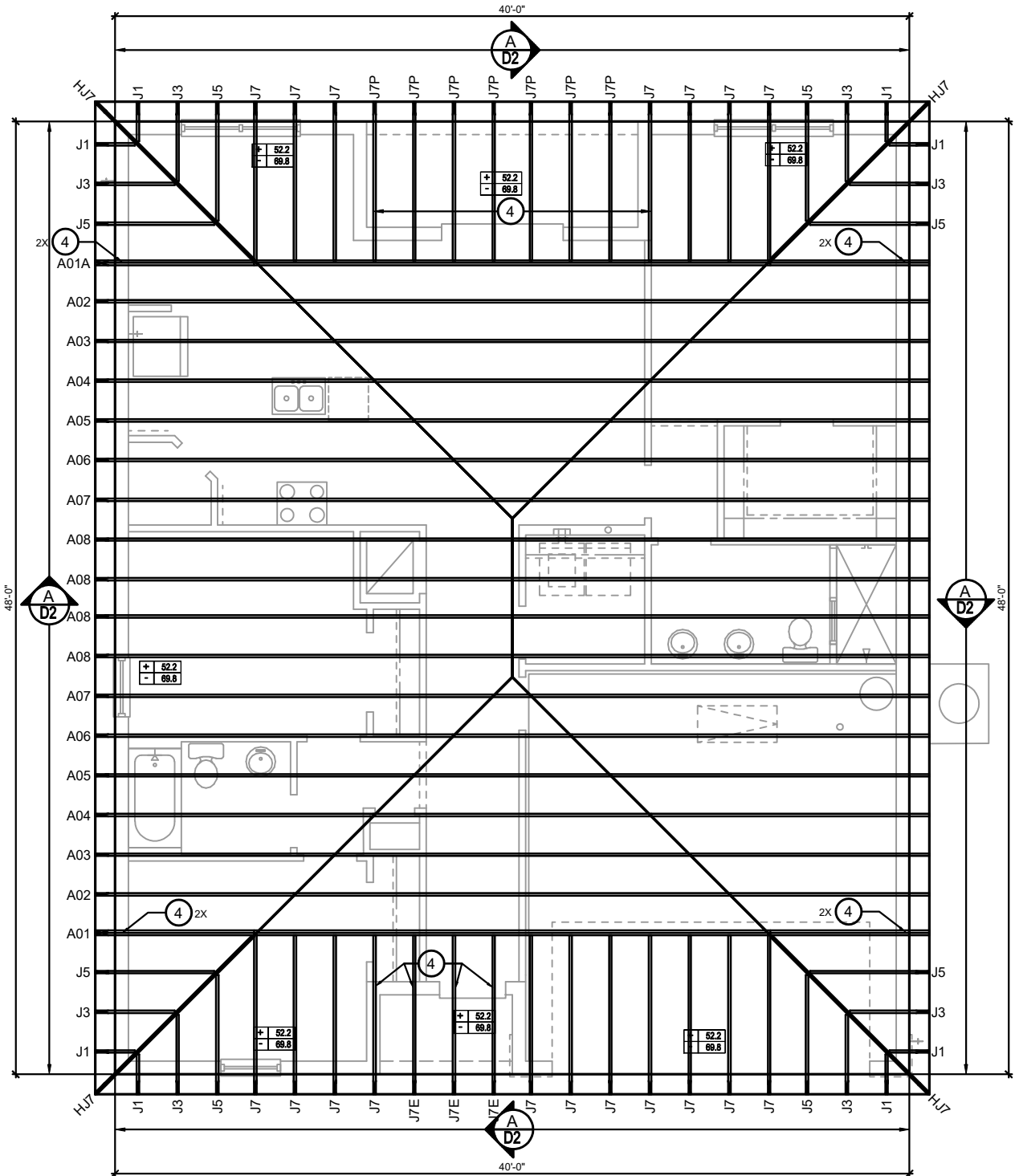
- ### GENERAL NOTES
1. Provide full mortar head and bed joints.
 2. Shore filled lintels as required.
 3. Installation of lintel must comply with the architectural and/or structural drawings.
 4. Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and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

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

8" PRECAST W/ 2" RECESS DOOR U-LINTELS									
UPLIFT								LATERAL	
LENGTH \ TYPE	8RF6-1T 8RF6-2T	8RF10-1T 8RF10-2T	8RF14-1T 8RF14-2T	8RF18-1T 8RF18-2T	8RF22-1T 8RF22-2T	8RF26-1T 8RF26-2T	8RF30-1T 8RF30-2T	8RU8	8RF6
4'-4" (52") PRECAST	1244	1573	2413	3260	4112	4967	5825	932	932
4'-6" (54") PRECAST	1244	1519	2339	3170	4008	4850	5696	853	853
5'-8" (68") PRECAST	1192	1507	2311	3121	3937	4756	5577	501	501
5'-10" (70") PRECAST	1192	1455	2240	3036	3847	4643	5453	469	469
6'-8" (80") PRECAST	924*	1172	1795	2423	3055	3689	4325	830	1100
6'-10" (82") PRECAST	924*	1132	1741	2357	2978	3603	4230	710	941
7'-8" (90") PRECAST	896*	1138	1742	2352	2965	3581	4198	516	614
7'-10" (92") PRECAST	896*	1099	1690	2288	2891	3497	4106		
8'-8" (104") PRECAST	778	882	1513	2042	2573	3107	3642		
8'-10" (106") PRECAST	778	956	1468	1987	2509	3035	3563		
9'-8" (116") PRECAST	688	849	1326	1810	2280	2753	3227		
9'-10" (118") PRECAST	688	849	1302	1762	2220	2693	3167		
10'-8" (128") PRECAST	533*	693	1038	1413	1813	2194	2565		
10'-10" (130") PRECAST	533*	697	1019	1369	1728	2088	2450		

CONNECTOR SCHEDULE

CONNECT. TYPE	SIMPSON		MAX. UPLIFT	LAT. LDS. F1 / F2
	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA16	9-10d x 1½"	1,810	65 / 960
5	DETAL20	18-10d x 1½"	2,480	2000/ 1370
20	H3	RFT: 4-8d / PLT: 4-8d	400	210 / 170
21	H1	RFT:6-8dx1½"/PLT:4-8d	480	510 / 165
22	H10S	RFT: 8-8d x 1½"	1010	660/550
		PLT: 8-8d x 1½"		
23	LUS26	HDR: 4-10d/JST: 4-10d	935	N/A
24	H7	RFT / TRS: 4-8d	985	400 / N/A
		PLT / STD: 10-8d		
26	H2.5	RFT:5-8d / PLT: 5-8d	415	150 / 150
34	A34	H:4-8dx1½"/P:4-8dx1½"	365	280 / 303
35	A35F	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
37	HTS16	14-10d	1,310	N/A
38	MTS16	14-10d	990	N/A
39	MTS30	14-10d	990	N/A
43	LSTA12	10-10d	905	N/A
45	ST18	14-16d	1,200	N/A
47	LSTA24	18-10d	1,295	N/A
71	MSTA36	26-10d	2,135	N/A
72	MSTC66	64-16d SINKERS	5,495	N/A
79	SP1	STD:6-10d / PLT:4-10d	535	560 / 260
80	SP2	STD:6-10d / PLT:6-10d	605	560 / 260
81	SPH4,6,8	12-10d x 1½"	885	N/A
90	ABU66	12-16d	2,240	N/A
89	CB66	(2) 7/8" BOLTS	2,300	985
92	ABU44	12-16d	2,200	N/A
93	AC6 (MAX)	28-16d	1,815	1,070
94	AC4 (MAX)	28-16d	1,815	1,070
95	HTS20	20-10d	1,450	N/A
96	HD8A	SILL: 7/8" BOLT STUD:(3) 7/8"x5½" BOLTS	7,910	N/A
97	MTSM16	BLOCK: 4-¼"x2¼" TC JOIST : 7-10d	860	N/A
98	HTT4	SILL: 5/8" BOLT STRAP: 18-16d	4,235	N/A
99	A35	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
102	HTT5	5/8" BOLT/ 26-10d	4,275	N/A
103	VGTR/L	32-SDS½"x3"/(2) 7/8" BLT	3,990	N/A
104	HDUE7-SDS3	5/8" BLT/ (13)-SDS 1/4"x 3"	7,015	N/A
110	HCP1.81	(6) 0.148 x 1½"	590	255 / N/A
167	HHUS46	H:14-16d/J:6-16d	1,550	N/A
168	U46	H:8-10d/J:4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H:14-16d/J:4-10d	1,085	N/A
214	HUC212-3TF	HD:16-3/16"x1½" TAPCON BM: 6-16d	1,135	N/A
215	HGUS210-2	HDR:46-16d/JST:10-16d	2,720	N/A
216	HUS412	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	2,630	N/A
219	MBHA412	H:1-ATR3/4X8 TOP&FACE JOIST: 18-10d	3,145	N/A
220	N/A	N/A	1,620	N/A
226	MBHA4.75/12	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	2,160	N/A
231	MBHA3.56/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
232	MBHA5.50/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
240	H16	R:2-10dx1½"/P:10-10dx1½"	1,470	480 / N/A
241	LGT2	30-16d-sinker	2000	1015 / 440
301	MGF	(1) 5/8"BLTS./GIR: 22-10d	3,965	N/A
302	HGT-2 or 3	LTL:3/4"BLTS./GIR: 8-10d	6485	N/A
303	HGT-4	LTL:3/4"BLTS./GIR: 16-10d	9,250	N/A
401	SURL414	FACE:18-16d/JST:8-16d	1,700	N/A
T	CONNECTORS TO BE SPECIFIED & PROVIDED BY TRUSS MANUFACTURERS			



WALL KEY

T.O. WALL 8'-8"

COMPONENT & CLADDING DESIGN WIND PRESSURES

SEE PLAN DESIGN WIND PRESSURE

+ 100X
- 100X

ULTIMATE DESIGNED POSITIVE PRESSURE
ULTIMATE DESIGNED NEGATIVE PRESSURE

NOTE: DESIGN PRESSURES BASED ULTIMATE WIND SPEED TO OBTAIN NOMINAL 1450' WIND PRESSURES MULTIPLY VALUES SHOWN BY A FACTOR OF 0.8

FIELD REPAIR NOTES

1- MISSED FOOTING DOWELS MAY BE SUBSTITUTED W/ A STRAIGHT #5 REBAR SET IN A 3/4" DIA. x 6" DEEP HOLE FILLED W/ UNITEX PROPOXY 300 OR SIMPSON SET OR ETF ADHESIVES.

2- BLOCK WALL OVERHANGING SLAB CONDITION: UP TO 7/8" - NO REPAIR NECESSARY 7/8" TO 1½" - ADD FILLED CELL (NO VERTICAL STEEL) MIDPOINT OF WALL BETWEEN EXISTING FILLED CELLS (WITH STEEL) IN AREAS AFFECTED. 1½" - REQUIRE SPECIAL ENGINEERING LETTER.

3- PENETRATION OF PLUMBING PIPES/DRYER VENTS THRU PLATES OF A LOAD BEARING WALL MAY OCCUR PROVIDED DBL. STUDS ARE ADDED ON EITHER SIDE OF PENETRATION WITHIN 3" AND TRUSS/FLOOR TRUSS IS NO CLOSER THAN 3' FROM PENETRATION. ADD (1) MTS12 @ TOP AND BOTTOM PLATE

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 8TH EDITION (2023)FLORIDA RESIDENTIAL CODE.

4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZE BY TRUSS MANUFACTURER OR FL. REG. ENG.

5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY KIN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTC/BCSI 1.

6. REFER TO TRUSS MANUFACTURERS DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.

7. ROOF UNDERLAYMENT TO BE USED IS 30 LBS. SYNTHETIC FELT.

8. SHINGLE ROOF : UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R905.1.1.1 UNDERLAYMENT MATERIALS REQUIRED TO COMPLY WITH ASTM D226, D1970, D4869 AND D6757 SHALL BEAR A LABEL INDICATING COMPLIANCE TO THE STANDARD DESIGNATION AND, IF APPLICABLE, TYPE CLASSIFICATION INDICATED IN TABLE R905.1.1.1 UNDERLAYMENT SHALL BE APPLIED AND ATTACHED IN ACCORDANCE WITH TABLE R905.1.1.1

9. OFF RIDGE VENTS MAXIMUM OPENING SIZES: REFER TO MANUFACTURE SPECIFICATIONS.

ROOF FRAMING PLAN
A (STANDARD)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x37)

LOT: 0000, COMMUNITY

THIS STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE-RESIDENTIAL AND IS CERTIFIED AS SUCH

1425 ARIES

1425 ARIES

ROOF FRAMING PLAN

1425 ARIES

40' EXPLORATION SERIES

REVISIONS

DELTA # DATE

DATE: 09-02-25

SCALE: AS NOTED

DRAWN: MR

SHEET: S3

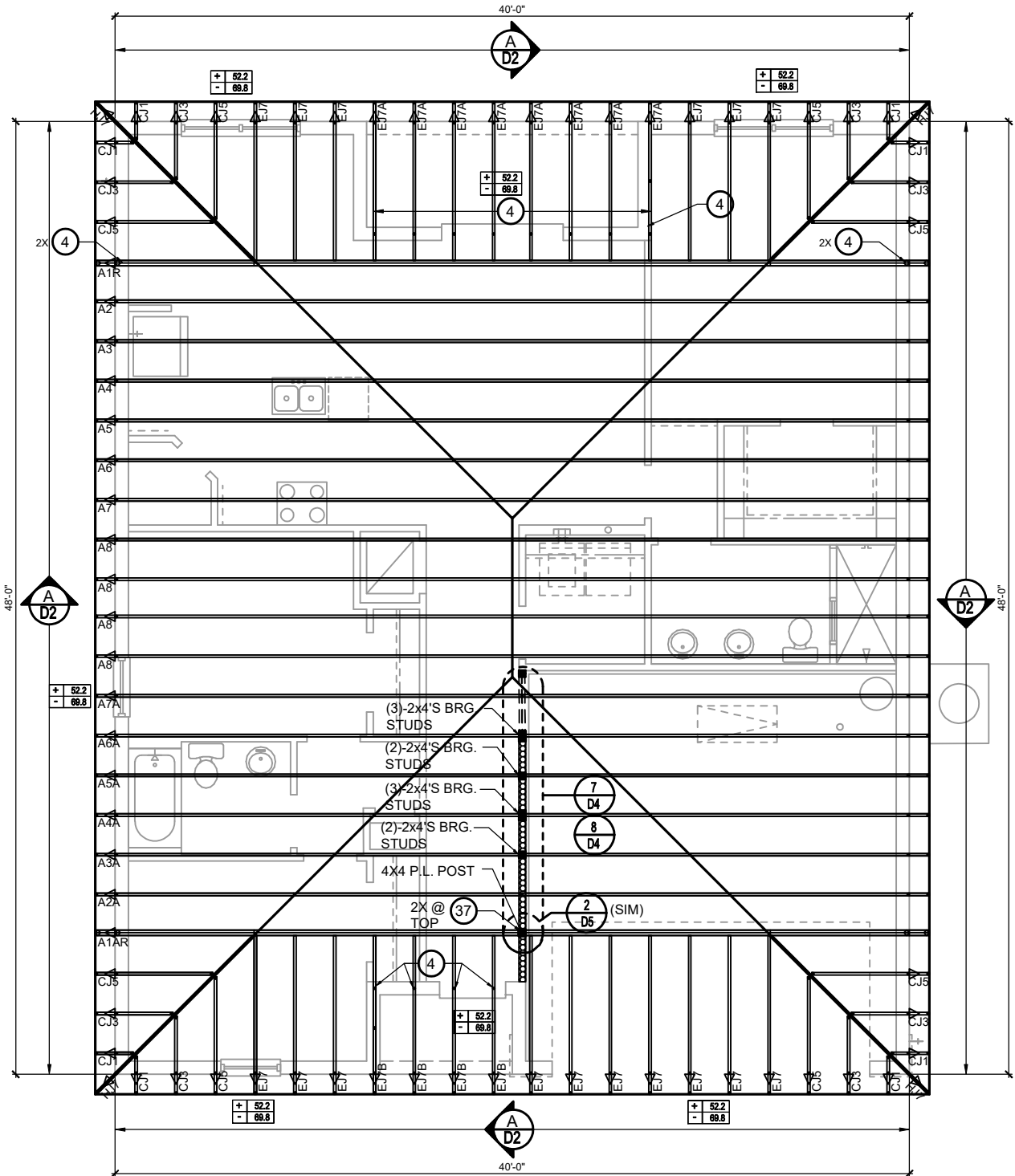
ITEG
SIMPSON ENGINEERING GROUP, INC.
P.O. Box 10000, Suite 1000, Orlando, FL 32811
Tel: (407) 784-1100
Fax: (407) 784-1100
www.iteg.com

A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineland Road, Suite 200
Orlando, Florida 32811
Phone: (407) 526 - 3000

Park Square HOMES

CONNECTOR SCHEDULE

CONNECT. TYPE	SIMPSON		MAX. UPLIFT	LAT. LDS. F1 / F2
	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA16	9-10d x 1½"	1,810	65 / 960
5	DETAL20	18-10d x 1½"	2,480	2000 / 1370
20	H3	RFT: 4-8d / PLT: 4-8d	400	210 / 170
21	H1	RFT:6-8dx1½"/PLT:4-8d	480	510 / 165
22	H10S	RFT: 8-8d x 1½"	1010	660/550
		PLT: 8-8d x 1½"		
23	LUS26	HDR: 4-10d/JST: 4-10d	935	N/A
24	H7	RFT / TRS: 4-8d	985	400 / N/A
		PLT / STD: 10-8d		
26	H2.5	RFT:5-8d / PLT: 5-8d	415	150 / 150
34	A34	H:4-8dx1½"/P:4-8dx1½"	365	280 / 303
35	A35F	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
37	HTS16	14-10d	1,310	N/A
38	MTS16	14-10d	990	N/A
39	MTS30	14-10d	990	N/A
43	LSTA12	10-10d	905	N/A
45	ST18	14-16d	1,200	N/A
47	LSTA24	18-10d	1,295	N/A
71	MSTA36	26-10d	2,135	N/A
72	MSTC66	64-16d SINKERS	5,495	N/A
79	SP1	STD:6-10d / PLT:4-10d	535	560 / 260
80	SP2	STD:6-10d / PLT:6-10d	605	560 / 260
81	SPH4,6,8	12-10d x 1½"	885	N/A
90	ABU66	12-16d	2,240	N/A
89	CB66	(2) 7/8" BOLTS	2,300	985
92	ABU44	12-16d	2,200	N/A
93	AC6 (MAX)	28-16d	1,815	1,070
94	AC4 (MAX)	28-16d	1,815	1,070
95	HTS20	20-10d	1,450	N/A
96	HD8A	SILL: 7/8" BOLT STUD:(3) 7/8"x5½" BOLTS	7,910	N/A
97	MTSM16	BLOCK: 4-¼"x2¼" TC JOIST : 7-10d	860	N/A
98	HTT4	SILL: 5/8" BOLT STRAP: 18-16d	4,235	N/A
99	A35	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
102	HTT5	5/8" BOLT/ 26-10d	4,275	N/A
103	VGTR/L	32-SDS½"x3"/(2) 7/8" BLT	3,990	N/A
104	HU8-SDS2.5	7/8" BLT/20-SDS ¼"x2½"	5,020	N/A
110	HCP1.81	(6) 0.148 x 1½"	590	255 / N/A
167	HHUS46	H:14-16d/J:6-16d	1,550	N/A
168	U46	H:8-10d/J:4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H:14-16d/J:4-10d	1,085	N/A
214	HUC212-3TF	HD:16-3/16"x1½" TAPCON BM: 6-16d	1,135	N/A
215	HGUS210-2	HDR:46-16d/JST:10-16d	2,720	N/A
216	HUS412	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	2,630	N/A
219	MBHA412	H:1-ATR3/4X8 TOP&FACE JOIST: 18-10d	3,145	N/A
220	N/A	N/A	1,620	N/A
226	MBHA4.75/12	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	2,160	N/A
231	MBHA3.56/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
232	MBHA5.50/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
240	H16	R:2-10dx1½"P:10-10dx1½"	1,470	480 / N/A
241	LGT2	30-16d-sinker	2000	1015 / 440
301	MG1	(1) 5/8"BLTS./GIR: 22-10d	3,965	N/A
302	HGT-2 or 3	LTL:3/4"BLTS./GIR: 8-10d	6485	N/A
303	HGT-4	LTL:3/4"BLTS./GIR: 16-10d	9,250	N/A
401	SURL414	FACE:18-16d/JST:8-16d	1,700	N/A
T	CONNECTORS TO BE SPECIFIED & PROVIDED BY TRUSS MANUFACTURERS			



WALL KEY

T.O. WALL 8'-8"

COMPONENT & CLADDING DESIGN WIND PRESSURES

SEE PLAN DESIGN WIND PRESSURE

ULTIMATE DESIGNED POSITIVE PRESSURE
ULTIMATE DESIGNED NEGATIVE PRESSURE

NOTE: DESIGN PRESSURES BASED ULTIMATE WIND SPEED TO OBTAIN NOMINAL "ASD" WIND PRESSURES MULTIPLY VALUES SHOWN BY A FACTOR OF 0.8

FIELD REPAIR NOTES

- 1- MISSED FOOTING DOWELS MAY BE SUBSTITUTED W/ A STRAIGHT #5 REBAR SET IN A 3/4" DIA. x 6" DEEP HOLE FILLED W/ UNITEX PROPOXY 300 OR SIMPSON SET OR ETF ADHESIVES.
- 2- BLOCK WALL OVERHANGING SLAB CONDITION: UP TO 7/8" - NO REPAIR NECESSARY 7/8" TO 1½" - ADD FILLED CELL (NO VERTICAL STEEL) MIDPOINT OF WALL BETWEEN EXISTING FILLED CELLS (WITH STEEL) IN AREAS AFFECTED. 1½" - REQUIRE SPECIAL ENGINEERING LETTER.
- 3- PENETRATION OF PLUMBING PIPES/DRYER VENTS THRU PLATES OF A LOAD BEARING WALL MAY OCCUR PROVIDED DBL. STUDS ARE ADDED ON EITHER SIDE OF PENETRATION WITHIN 3" AND TRUSS/FLOOR TRUSS IS NO CLOSER THAN 3" FROM PENETRATION. ADD (1) MTS12 @ TOP AND BOTTOM PLATE

NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE 16" 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 8TH EDITION (2023)FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZE BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY KIN 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/WTCB BCSI 1.
6. REFER TO TRUSS MANUFACTURERS DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. ROOF UNDERLAYMENT TO BE USED IS 30 LBS. SYNTHETIC FELT.
8. SHINGLE ROOF : UNDERLAYMENT TO BE INSTALLED IAW FBCE 2023, 8TH EDITION R905.1.1.1 UNDERLAYMENT MATERIALS REQUIRED TO COMPLY WITH ASTM D226, D1970, D4869 AND D6757 SHALL BEAR A LABEL INDICATING COMPLIANCE TO THE STANDARD DESIGNATION AND, IF APPLICABLE, TYPE CLASSIFICATION INDICATED IN TABLE R905.1.1.1 UNDERLAYMENT SHALL BE APPLIED AND ATTACHED IN ACCORDANCE WITH TABLE R905.1.1.1
9. OFF RIDGE VENTS MAXIMUM OPENING SIZES: REFER TO MANUFACTURE SPECIFICATIONS.

ROOF FRAMING PLAN
A (STANDARD)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x37)

THIS STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE 8th EDITION, 2023 OF THE FLORIDA BUILDING CODE-RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, COMMUNITY

1425 ARIES

40' EXPLORATION SERIES

ROOF FRAMING PLAN

Park Square HOMES

ITEG
SIMPSON ENGINEERING GROUP, INC.
A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineyard Road, Suite 200
Orlando, Florida 32811
P: (407) 784-1400
F: (407) 784-1780
www.iteg.com

REVISIONS

DELTA #	DATE

DATE: 09-02-25

SCALE: AS NOTED

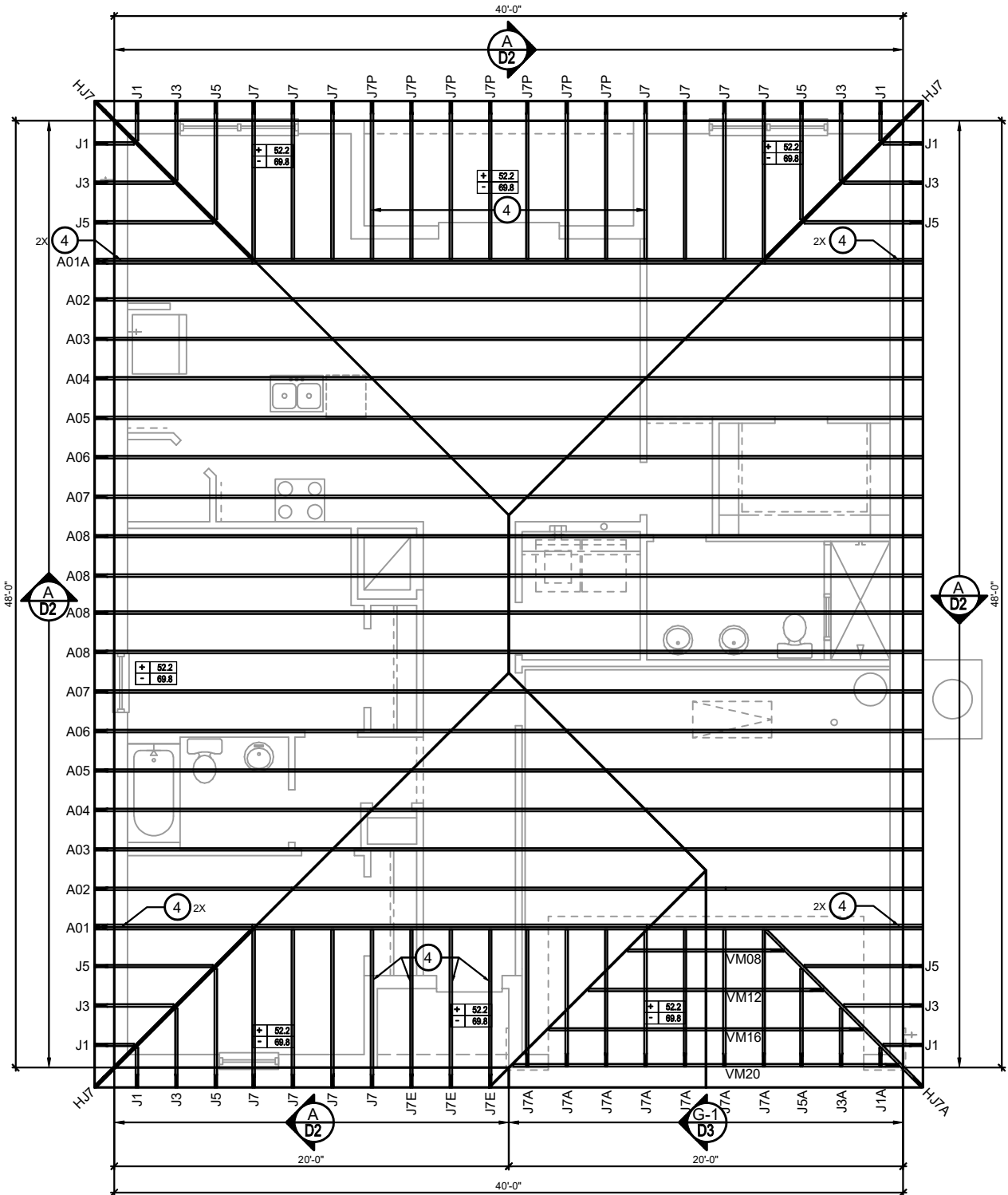
DRAWN: MR

SHEET: S3

DISCLAIMER: CONTRACTOR/SUB-CONTRACTOR IS RESPONSIBLE TO REVIEW ALL INFORMATION CONTAINED HEREIN PRIOR TO COMMENCEMENT OF CONSTRUCTION. PARK SQUARE HOMES IS NOT RESPONSIBLE FOR ANY MISINTERPRETATIONS, ERRORS, OMISSIONS OR CUSTOM CHANGES MISSED AND NOT REPORTED PRIOR TO CONSTRUCTION. NO EXCEPTIONS.

CONNECTOR SCHEDULE

CONNECT. TYPE	SIMPSON		MAX. UPLIFT	LAT. LDS. F1 / F2
	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA16	9-10d x 1½"	1,810	65 / 960
5	DETAL20	18-10d x 1½"	2,480	2000/ 1370
20	H3	RFT: 4-8d / PLT: 4-8d	400	210 / 170
21	H1	RFT:6-8dx1½"/PLT:4-8d	480	510 / 165
22	H10S	RFT: 8-8d x 1½"	1010	660/550
		PLT: 8-8d x 1½"		
23	LUS26	HDR: 4-10d/JST: 4-10d	935	N/A
24	H7	RFT / TRS: 4-8d	985	400 / N/A
		PLT / STD: 10-8d		
26	H2.5	RFT:5-8d / PLT: 5-8d	415	150 / 150
34	A34	H:4-8dx1½"/P:4-8dx1½"	365	280 / 303
35	A35F	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
37	HTS16	14-10d	1,310	N/A
38	MTS16	14-10d	990	N/A
39	MTS30	14-10d	990	N/A
43	LSTA12	10-10d	905	N/A
45	ST18	14-16d	1,200	N/A
47	LSTA24	18-10d	1,295	N/A
71	MSTA36	26-10d	2,135	N/A
72	MSTC66	64-16d SINKERS	5,495	N/A
79	SP1	STD:6-10d / PLT:4-10d	535	560 / 260
80	SP2	STD:6-10d / PLT:6-10d	605	560 / 260
81	SPH4,6,8	12-10d x 1½"	885	N/A
90	ABU66	12-16d	2,240	N/A
89	CB66	(2) 7/8" BOLTS	2,300	985
92	ABU44	12-16d	2,200	N/A
93	AC6 (MAX)	28-16d	1,815	1,070
94	AC4 (MAX)	28-16d	1,815	1,070
95	HTS20	20-10d	1,450	N/A
96	HD8A	SILL: 7/8" BOLT STUD:(3) 7/8"x5½" BOLTS	7,910	N/A
97	MTSM16	BLOCK: 4-¼"x2¼" TC JOIST : 7-10d	860	N/A
98	HTT4	SILL: 5/8" BOLT STRAP: 18-16d	4,235	N/A
99	A35	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
102	HTT5	5/8" BOLT/ 26-10d	4,275	N/A
103	VGTR/L	32-SDS½"x3"/(2) 7/8" BLT	3,990	N/A
104	HDUE7-SDS3	5/8" BLT/ (13)-SDS 1/4"x 3"	7,015	N/A
110	HCP1.81	(6) 0.148 x 1½"	590	255 / N/A
167	HHUS46	H:14-16d/J:6-16d	1,550	N/A
168	U46	H:8-10d/J:4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H:14-16d/J:4-10d	1,085	N/A
214	HUC212-3TF	HD:16-3/16"x1½" TAPCON BM: 6-16d	1,135	N/A
215	HGUS210-2	HDR:46-16d/JST:10-16d	2,720	N/A
216	HUS412	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	2,630	N/A
219	MBHA412	H:1-ATR3/4X8 TOP&FACE JOIST: 18-10d	3,145	N/A
220	N/A	N/A	1,620	N/A
226	MBHA4.75/12	HDR : (2) 3/4" ϕ x 8" JOIST : 18-10d	2,160	N/A
231	MBHA3.56/16	HDR : (2) 3/4" ϕ x 8" JOIST : 18-10d	3,450	N/A
232	MBHA5.50/16	HDR : (2) 3/4" ϕ x 8" JOIST : 18-10d	3,450	N/A
240	H16	R:2-10dx1½"/P:10-10dx1½"	1,470	480 / N/A
241	LGT2	30-16d-sinker	2000	1015 / 440
301	MGT	(1) 5/8"BLTS./GIR: 22-10d	3,965	N/A
302	HGT-2 or 3	LTL:3/4"BLTS./GIR: 8-10d	6485	N/A
303	HGT-4	LTL:3/4"BLTS./GIR: 16-10d	9,250	N/A
401	SURL414	FACE:18-16d/JST:8-16d	1,700	N/A
T	CONNECTORS TO BE SPECIFIED & PROVIDED BY TRUSS MANUFACTURERS			



WALL KEY	
	T.O.WALL 8'-8"

COMPONENT & CLADDING DESIGN WIND PRESSURES	
SEE PLAN DESIGN WIND PRESSURE	
+ 1.00X	ULTIMATE DESIGNED POSITIVE PRESSURE
- 1.00X	ULTIMATE DESIGNED NEGATIVE PRESSURE
NOTE: DESIGN PRESSURES BASED ULTIMATE WIND SPEED TO OBTAIN NOMINAL 1450' WIND PRESSURES MULTIPLY VALUES SHOWN BY A FACTOR OF 0.8	

FIELD REPAIR NOTES	
1- MISSED FOOTING DOWELS MAY BE SUBSTITUTED W/ A STRAIGHT #5 REBAR SET IN A 3/4" DIA. x 6" DEEP HOLE FILLED W/ UNITEX PROPOXY 300 OR SIMPSON SET OR ETF ADHESIVES.	
2- BLOCK WALL OVERHANGING SLAB CONDITION: UP TO 7/8" - NO REPAIR NECESSARY 7/8" TO 1½" - ADD FILLED CELL (NO VERTICAL STEEL) MIDPOINT OF WALL BETWEEN EXISTING FILLED CELLS (WITH STEEL) IN AREAS AFFECTED. 1½" - REQUIRE SPECIAL ENGINEERING LETTER.	
3- PENETRATION OF PLUMBING PIPES/DRYER VENTS THRU PLATES OF A LOAD BEARING WALL MAY OCCUR PROVIDED DBL. STUDS ARE ADDED ON EITHER SIDE OF PENETRATION WITHIN 3" AND TRUSS/FLOOR TRUSS IS NO CLOSER THAN 3" FROM PENETRATION. ADD (1) MTS12 @ TOP AND BOTTOM PLATE	

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 8TH EDITION (2023)FLORIDA RESIDENTIAL CODE.	
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZE BY TRUSS MANUFACTURER OR FL. REG. ENG.	
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY KIN 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 TP1WTCABCSI 1.	
6. REFER TO TRUSS MANUFACTURERS DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.	
7. ROOF UNDERLAYMENT TO BE USED IS 30 LBS. SYNTHETIC FELT.	
8. SHINGLE ROOF : UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R905.1.1.1 UNDERLAYMENT MATERIALS REQUIRED TO COMPLY WITH ASTM D226, D1970, D4869 AND D6757 SHALL BEAR A LABEL INDICATING COMPLIANCE TO THE STANDARD DESIGNATION AND, IF APPLICABLE, TYPE CLASSIFICATION INDICATED IN TABLE R905.1.1.1 UNDERLAYMENT SHALL BE APPLIED AND ATTACHED IN ACCORDANCE WITH TABLE R905.1.1.1	
9. OFF RIDGE VENTS MAXIMUM OPENING SIZES: REFER TO MANUFACTURE SPECIFICATIONS.	

ROOF FRAMING PLAN
B (STANDARD)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x37)

LOT: 0000, COMMUNITY

1425 ARIES

40' EXPLORATION SERIES

DATE: 09-02-25

SCALE: AS NOTED

DRAWN: MR

SHEET: S3

REVISIONS

DELTA # DATE

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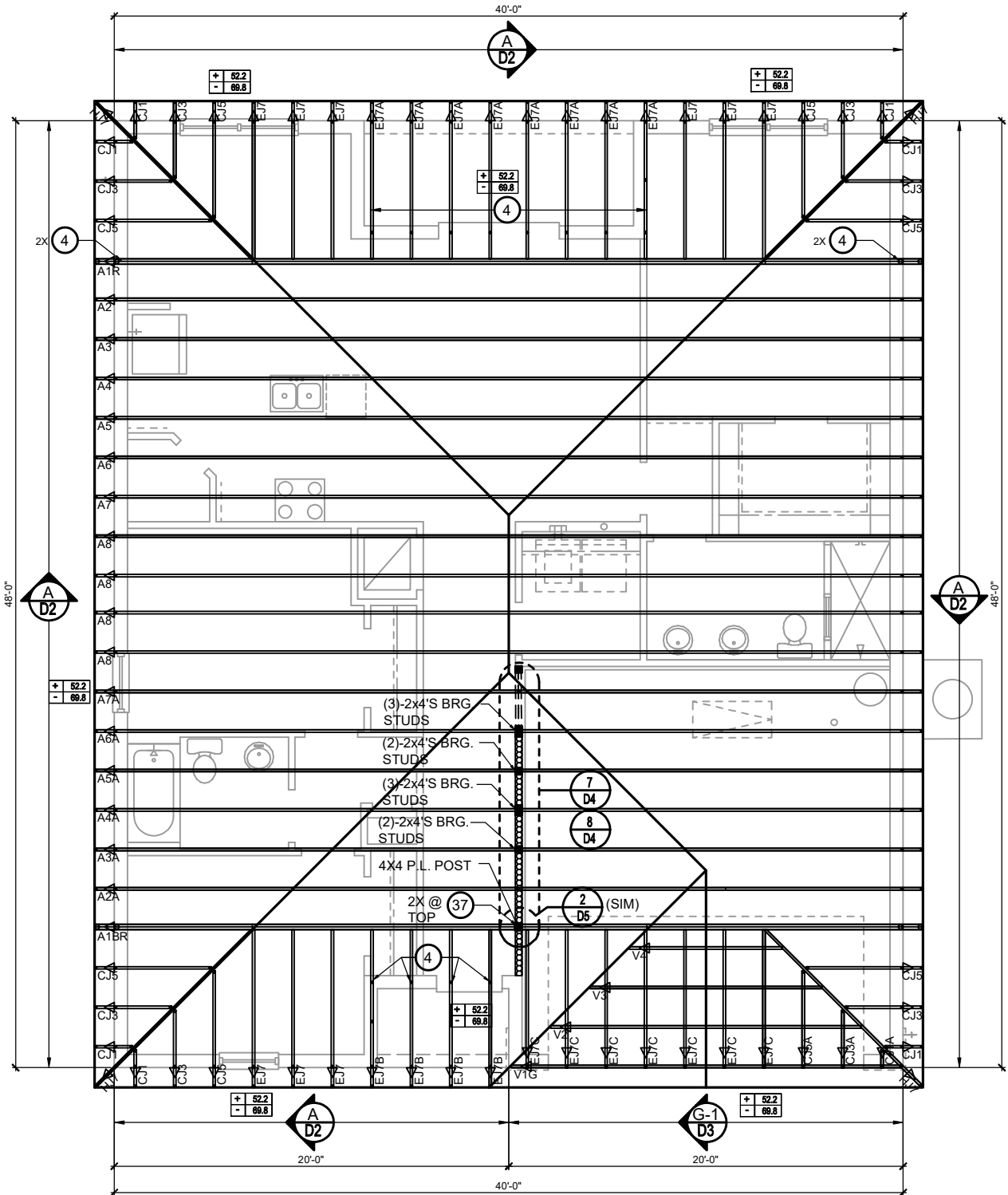
A DIVISION OF PARK SQUARE ENTERPRISES, INC.

5200 Vineland Road, Suite 200 Orlando, Florida 32811

Phone (407) 526 - 3000

CONNECTOR SCHEDULE

CONNECT. TYPE	SIMPSON		MAX. UPLIFT	LAT. LDS. F1 / F2
	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA16	9-10d x 1½"	1,810	65 / 960
5	DETAL20	18-10d x 1½"	2,480	2000 / 1370
20	H3	RFT: 4-8d / PLT: 4-8d	400	210 / 170
21	H1	RFT:6-8dx1½"/PLT:4-8d	480	510 / 165
22	H10S	RFT: 8-8d x 1½"	1010	660/550
		PLT: 8-8d x 1½"		
23	LUS26	HDR: 4-10d/JST: 4-10d	935	N/A
24	H7	RFT / TRS: 4-8d	985	400 / N/A
		PLT / STD: 10-8d		
26	H2.5	RFT:5-8d / PLT: 5-8d	415	150 / 150
34	A34	H:4-8dx1½"/P:4-8dx1½"	365	280 / 303
35	A35F	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
37	HTS16	14-10d	1,310	N/A
38	MTS16	14-10d	990	N/A
39	MTS30	14-10d	990	N/A
43	LSTA12	10-10d	905	N/A
45	ST18	14-16d	1,200	N/A
47	LSTA24	18-10d	1,295	N/A
71	MSTA36	26-10d	2,135	N/A
72	MSTC66	64-16d SINKERS	5,495	N/A
79	SP1	STD:6-10d / PLT:4-10d	535	560 / 260
80	SP2	STD:6-10d / PLT:6-10d	605	560 / 260
81	SPH4,6,8	12-10d x 1½"	885	N/A
90	ABU66	12-16d	2,240	N/A
89	CB66	(2) 7/8" BOLTS	2,300	985
92	ABU44	12-16d	2,200	N/A
93	AC6 (MAX)	28-16d	1,815	1,070
94	AC4 (MAX)	28-16d	1,815	1,070
95	HTS20	20-10d	1,450	N/A
96	HD8A	SILL: 7/8" BOLT STUD:(3) 7/8"x5½" BOLTS	7,910	N/A
97	MTSM16	BLOCK: 4-¼"x2¼" TC JOIST : 7-10d	860	N/A
98	HTT4	SILL: 5/8" BOLT STRAP: 18-16d	4,235	N/A
99	A35	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
102	HTT5	5/8" BOLT/ 26-10d	4,275	N/A
103	VGTR/L	32-SDS½"x3"/(2) 7/8" BLT	3,990	N/A
104	HU8-SDS2.5	7/8" BLT/20-SDS ¼"x2½"	5,020	N/A
110	HCP1.81	(6) 0.148 x 1½"	590	255 / N/A
167	HHUS46	H:14-16d/J:6-16d	1,550	N/A
168	U46	H:8-10d/J:4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H:14-16d/J:4-10d	1,085	N/A
214	HUC212-3TF	HD:16-3/16"x1½" TAPCON BM: 6-16d	1,135	N/A
215	HGUS210-2	HDR:46-16d/JST:10-16d	2,720	N/A
216	HUS412	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	2,630	N/A
219	MBHA412	H:1-ATR3/4X8 TOP&FACE JOIST: 18-10d	3,145	N/A
220	N/A	N/A	1,620	N/A
226	MBHA4.75/12	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	2,160	N/A
231	MBHA3.56/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
232	MBHA5.50/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
240	H16	R:2-10dx1½"P:10-10dx1½"	1,470	480 / N/A
241	LGT2	30-16d-sinker	2000	1015 / 440
301	MGT	(1) 5/8"BLTS./GIR: 22-10d	3,965	N/A
302	HGT-2 or 3	LTL:3/4"BLTS./GIR: 8-10d	6485	N/A
303	HGT-4	LTL:3/4"BLTS./GIR: 16-10d	9,250	N/A
401	SURL414	FACE:18-16d/JST:8-16d	1,700	N/A
T	CONNECTORS TO BE SPECIFIED & PROVIDED BY TRUSS MANUFACTURERS			



WALL KEY

T.O.WALL 8'-8"

COMPONENT & CLADDING DESIGN WIND PRESSURES

SEE PLAN DESIGN WIND PRESSURE

ULTIMATE DESIGNED POSITIVE PRESSURE
ULTIMATE DESIGNED NEGATIVE PRESSURE

NOTE: DESIGN PRESSURES BASED ULTIMATE WIND SPEED TO OBTAIN NOMINAL *ASD* WIND PRESSURES MULTIPLY VALUES SHOWN BY A FACTOR OF 0.8

FIELD REPAIR NOTES

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NOTES

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ROOF FRAMING PLAN
B (STANDARD)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x37)

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LOT: 0000, COMMUNITY

1425 ARIES

40' EXPLORATION SERIES

ROOF FRAMING PLAN

Park Square HOMES

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

REVISIONS

DELTA #	DATE

DATE: 09-02-25

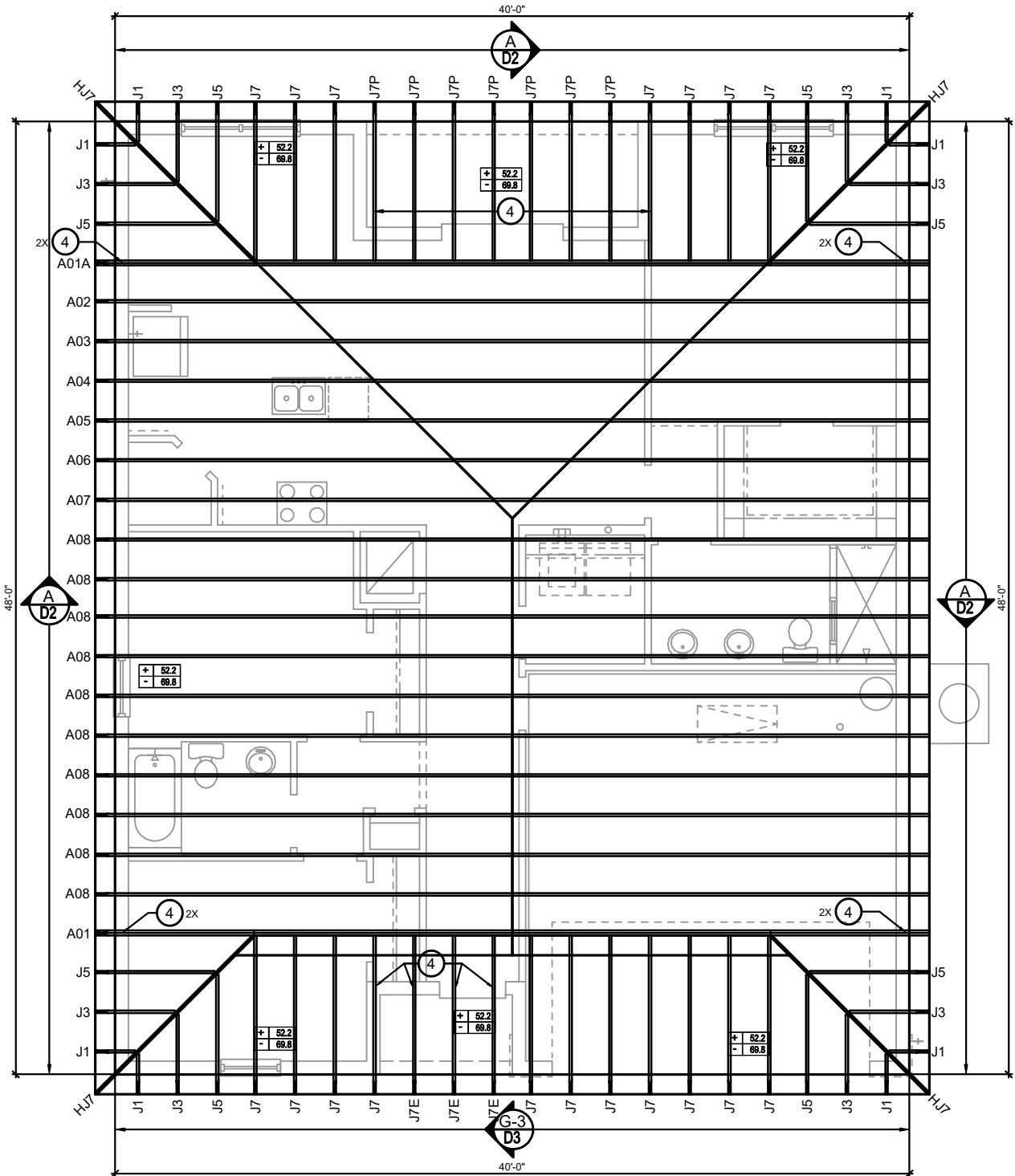
SCALE: AS NOTED

DRAWN: MR

SHEET: S3

CONNECTOR SCHEDULE

CONNECT. TYPE	SIMPSON		MAX. UPLIFT	LAT. LDS. F1 / F2
	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA16	9-10d x 1½"	1,810	65 / 960
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21	H1	RFT:6-8dx1½"/PLT:4-8d	480	510 / 165
22	H10S	RFT: 8-8d x 1½"	1010	660/550
		PLT: 8-8d x 1½"		
23	LUS26	HDR: 4-10d/JST: 4-10d	935	N/A
24	H7	RFT / TRS: 4-8d	985	400 / N/A
		PLT / STD: 10-8d		
26	H2.5	RFT:5-8d / PLT: 5-8d	415	150 / 150
34	A34	H:4-8dx1½"/P:4-8dx1½"	365	280 / 303
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47	LSTA24	18-10d	1,295	N/A
71	MSTA36	26-10d	2,135	N/A
72	MSTC66	64-16d SINKERS	5,495	N/A
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90	ABU66	12-16d	2,240	N/A
89	CB66	(2) 7/8" BOLTS	2,300	985
92	ABU44	12-16d	2,200	N/A
93	AC6 (MAX)	28-16d	1,815	1,070
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95	HTS20	20-10d	1,450	N/A
96	HD8A	SILL: 7/8" BOLT	7,910	N/A
		STUD:(3) 7/8"x5½" BOLTS		
97	MTSM16	BLOCK: 4-¼"x2¼" TC JOIST : 7-10d	860	N/A
98	HTT4	SILL: 5/8" BOLT	4,235	N/A
		STRAP: 18-16d		
99	A35	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
102	HTT5	5/8" BOLT/ 26-10d	4,275	N/A
103	VGTR/L	32-SDS½"x3"/(2) 7/8" BLT	3,990	N/A
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110	HCP1.81	(6) 0.148 x 1½"	590	255 / N/A
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168	U46	H:8-10d/J:4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H:14-16d/J:4-10d	1,085	N/A
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WALL KEY

T.O.WALL 8'-8"

COMPONENT & CLADDING DESIGN WIND PRESSURES

SEE PLAN DESIGN WIND PRESSURE

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ULTIMATE DESIGNED NEGATIVE PRESSURE

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ROOF FRAMING PLAN
C (STANDARD)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x37)

LOT: 0000, COMMUNITY

1425 ARIES

40' EXPLORATION SERIES

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ITEG
SIMPSON ENGINEERING GROUP, INC.
A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineland Road, Suite 200
Orlando, Florida 32811
Phone (407) 526 - 3000
Fax (407) 784-1780
www.iteg.com

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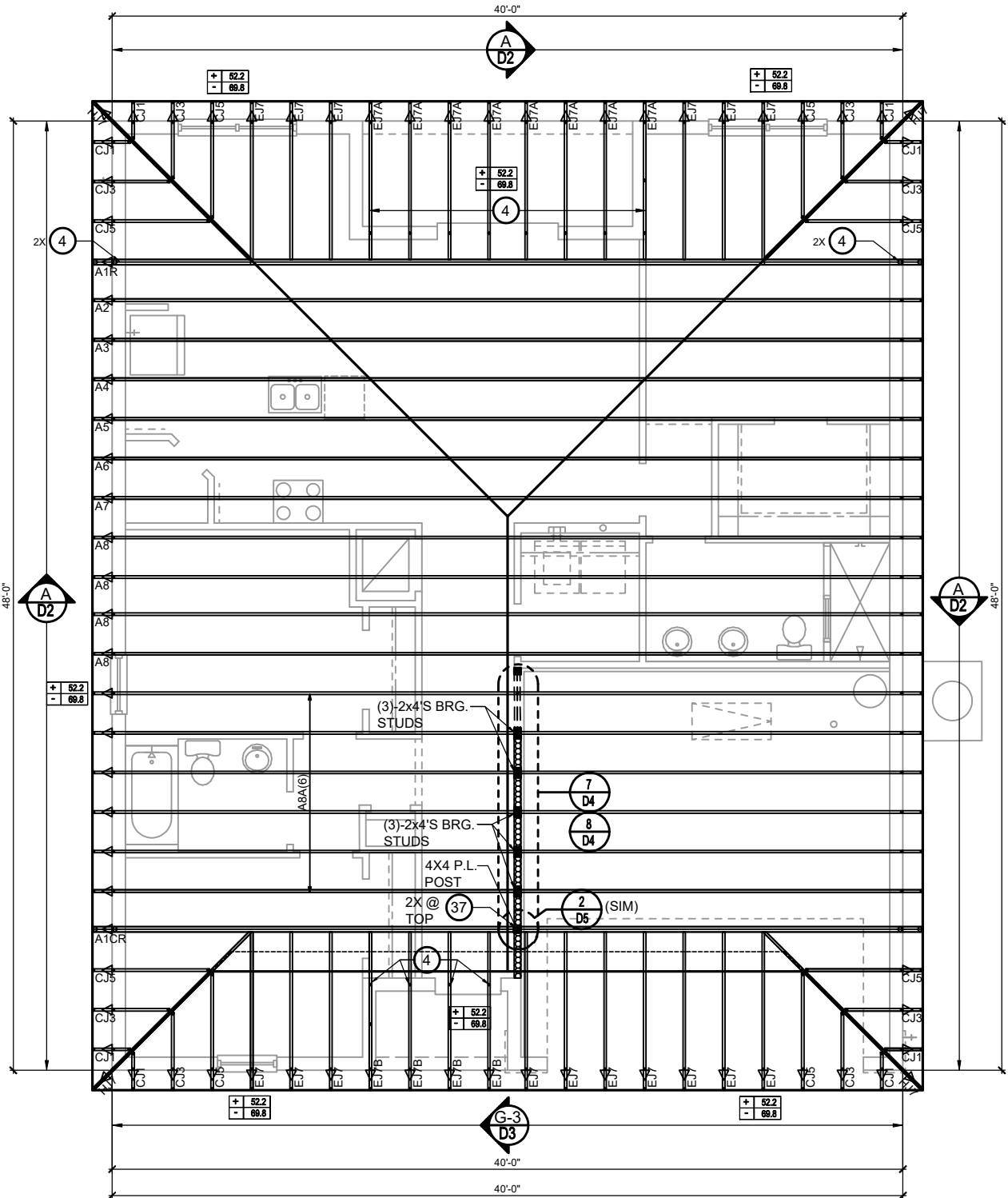
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CONNECTOR SCHEDULE

CONNECT. TYPE	SIMPSON		MAX. UPLIFT	LAT. LDS. F1 / F2
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22	H10S	RFT: 8-8d x 1½"	1010	660/550
		PLT: 8-8d x 1½"		
23	LUS26	HDR: 4-10d/JST: 4-10d	935	N/A
24	H7	RFT / TRS: 4-8d	985	400 / N/A
		PLT / STD: 10-8d		
26	H2.5	RFT:5-8d / PLT: 5-8d	415	150 / 150
34	A34	H:4-8dx1½"/P:4-8dx1½"	365	280 / 303
35	A35F	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
37	HTS16	14-10d	1,310	N/A
38	MTS16	14-10d	990	N/A
39	MTS30	14-10d	990	N/A
43	LSTA12	10-10d	905	N/A
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95	HTS20	20-10d	1,450	N/A
96	HD8A	SILL: 7/8" BOLT STUD:(3) 7/8"x5½" BOLTS	7,910	N/A
97	MTSM16	BLOCK: 4-¼"x2¼" TC JOIST : 7-10d	860	N/A
98	HTT4	SILL: 5/8" BOLT STRAP: 18-16d	4,235	N/A
99	A35	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
102	HTT5	5/8" BOLT/ 26-10d	4,275	N/A
103	VGTR/L	32-SDS½"x3"/(2) 7/8" BLT	3,990	N/A
104	HDU8-SDS2.5	7/8" BLT/20-SDS ¼"x2½"	5,020	N/A
110	HCP1.81	(6) 0.148 x 1½"	590	255 / N/A
167	HHUS46	H:14-16d/J:6-16d	1,550	N/A
168	U46	H:8-10d/J:4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H:14-16d/J:4-10d	1,085	N/A
214	HUC212-3TF	HD:16-3/16"x1½" TAPCON BM: 6-16d	1,135	N/A
215	HGUS210-2	HDR:46-16d/JST:10-16d	2,720	N/A
216	HUS412	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	2,630	N/A
219	MBHA412	H:1-ATR3/4X8 TOP&FACE JOIST: 18-10d	3,145	N/A
220	N/A	N/A	1,620	N/A
226	MBHA4.75/12	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	2,160	N/A
231	MBHA3.56/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
232	MBHA5.50/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
240	H16	R:2-10dx1½"P:10-10dx1½"	1,470	480 / N/A
241	LGT2	30-16d-sinker	2000	1015 / 440
301	MGT	(1) 5/8"BLTS./GIR: 22-10d	3,965	N/A
302	HGT-2 or 3	LTL:3/4"BLTS./GIR: 8-10d	6485	N/A
303	HGT-4	LTL:3/4"BLTS./GIR: 16-10d	9,250	N/A
401	SURL414	FACE:18-16d/JST:8-16d	1,700	N/A
T	CONNECTORS TO BE SPECIFIED & PROVIDED BY TRUSS MANUFACTURERS			



WALL KEY

T.O.WALL 8'-8"

COMPONENT & CLADDING DESIGN WIND PRESSURES

SEE PLAN DESIGN WIND PRESSURE

+ .XXX
- .XXX

ULTIMATE DESIGNED POSITIVE PRESSURE
ULTIMATE DESIGNED NEGATIVE PRESSURE

NOTE: DESIGN PRESSURES BASED ULTIMATE WIND SPEED TO OBTAIN NOMINAL 1450' WIND PRESSURES MULTIPLY VALUES SHOWN BY A FACTOR OF 0.8

FIELD REPAIR NOTES

1. MISSED FOOTING DOWELS MAY BE SUBSTITUTED W/ A STRAIGHT #5 REBAR SET IN A 3/4" DIA. x 6" DEEP HOLE FILLED W/ UNITEX PROPOXY 300 OR SIMPSON SET OR ETF ADHESIVES.
2. BLOCK WALL OVERHANGING SLAB CONDITION: UP TO 7/8" - NO REPAIR NECESSARY 7/8" TO 1½" - ADD FILLED CELL (NO VERTICAL STEEL) MIDPOINT OF WALL BETWEEN EXISTING FILLED CELLS (WITH STEEL) IN AREAS AFFECTED. 1½" - REQUIRE SPECIAL ENGINEERING LETTER.
3. PENETRATION OF PLUMBING PIPES/DRYER VENTS THRU PLATES OF A LOAD BEARING WALL MAY OCCUR PROVIDED DBL. STUDS ARE ADDED ON EITHER SIDE OF PENETRATION WITHIN 3" AND TRUSS/FLOOR TRUSS IS NO CLOSER THAN 3" FROM PENETRATION. ADD (1) MTS12 @ TOP AND BOTTOM PLATE

NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE 16" 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 8TH EDITION (2023)FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZE BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY KIN 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 TPIWTCABCSI 1.
6. REFER TO TRUSS MANUFACTURERS DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. ROOF UNDERLAYMENT TO BE USED IS 30 LBS. SYNTHETIC FELT.
8. SHINGLE ROOF : UNDERLAYMENT TO BE INSTALLED IAW FBOR 2023, 8TH EDITION R905.1.1.1 UNDERLAYMENT MATERIALS REQUIRED TO COMPLY WITH ASTM D226, D1970, D4869 AND D6757 SHALL BEAR A LABEL INDICATING COMPLIANCE TO THE STANDARD DESIGNATION AND, IF APPLICABLE, TYPE CLASSIFICATION INDICATED IN TABLE R905.1.1.1 UNDERLAYMENT SHALL BE APPLIED AND ATTACHED IN ACCORDANCE WITH TABLE R905.1.1.1
9. OFF RIDGE VENTS MAXIMUM OPENING SIZES: REFER TO MANUFACTURE SPECIFICATIONS.

ROOF FRAMING PLAN

C (STANDARD)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x37)

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Park Square
HOMES

ROOF FRAMING PLAN

1425 ARIES
40' EXPLORATION SERIES

REVISIONS

DELTA # DATE

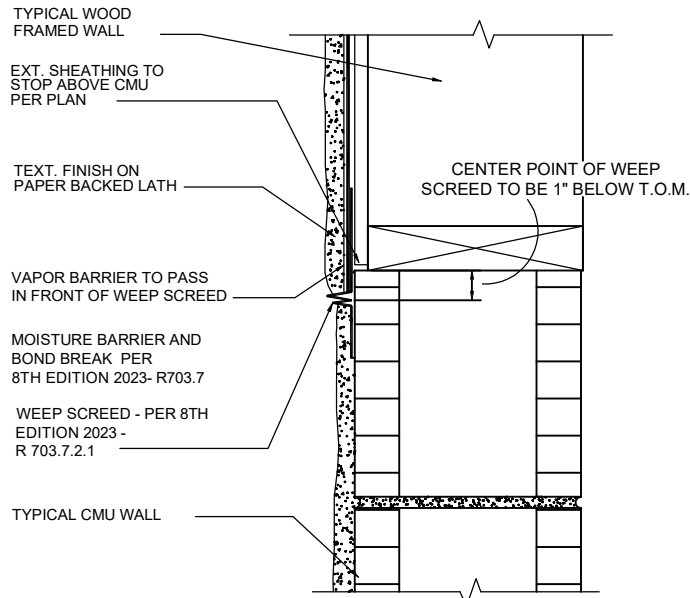
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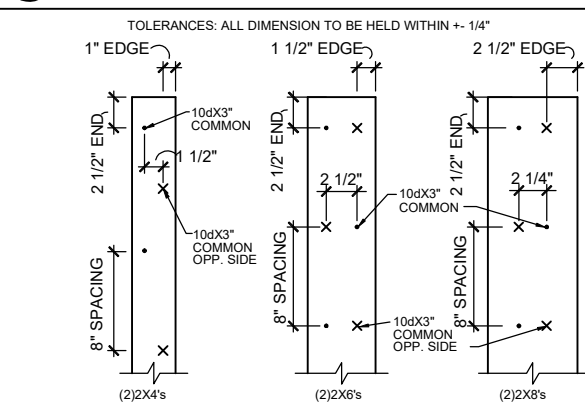
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SHEET:

S3

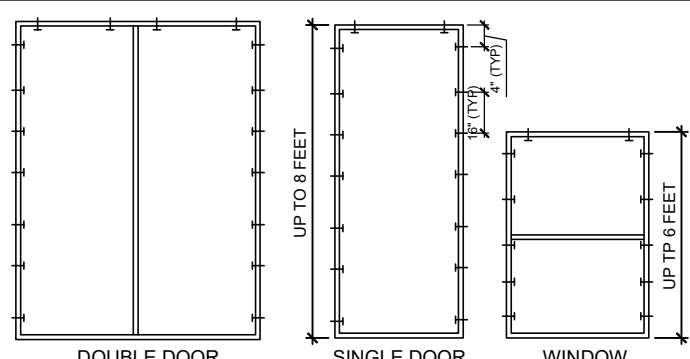


FLASHING DETAIL



2X BUILT-UP STUD COLUMN DETAILS

1 1/2"=1'-0"



FOR MULTIPLE WINDOWS AND DOORS USE 2 TAPCONS PER WINDOW AT THE HEAD AND 4 TAPCONS AT THE JAMB.

BUCK ATTACHMENT DATA

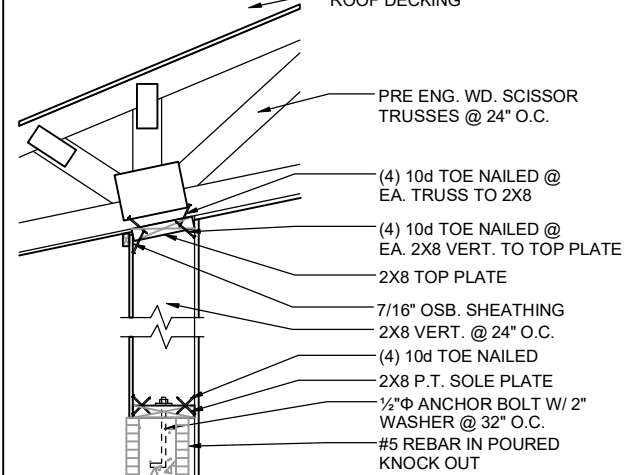
BUCKS SHALL BE 1x4 OR 2x8 PT AT WINDOWS OR 2x8 PT AT DOORS IN PINE OR SPRUCE. AT WINDOWS ATTACH BUCKS TO BLOCK WITH COMMON T-NAILS AND PLACEMENT SIMILAR TO TAPCONS SHOWN. AT DOORS OR FIN WINDOWS IN BLOCK, ATTACH BUCKS w/ 2 T-NAILS TOP AND BOTTOM AND 8" O.C. STAGGERED IN THE FIELD.

USE MIN. 2-1/4" T-NAILS w/ 1x BUCK. USE MIN. -1/4" x 3" TAPCONS w/ 2x BUCK. START ALL END TAPCONS WITHIN 4" OF CORNERS AND 16" ON CENTER MAXIMUM.

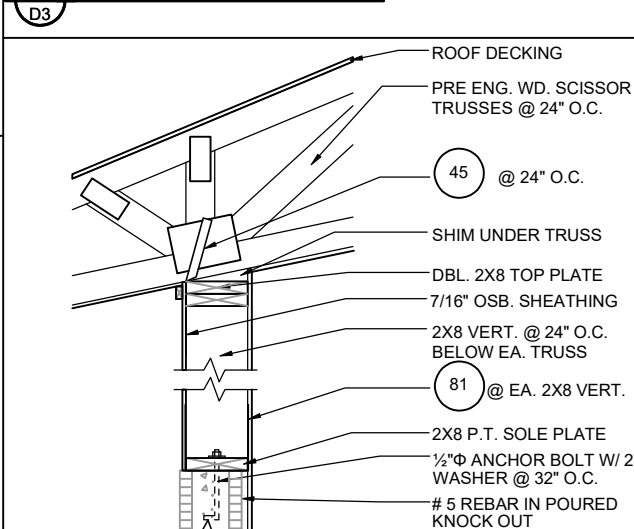
FOR FRAME ANCHORING USE MIN. 2-1/4" T-NAILS w/ 1x BUCK. USE MIN. -1/4" x 3" TAPCONS w/ 2x BUCK. START ALL END TAPCONS WITHIN 6" OF CORNERS AND 14" ON CENTER MAXIMUM.

NOTE

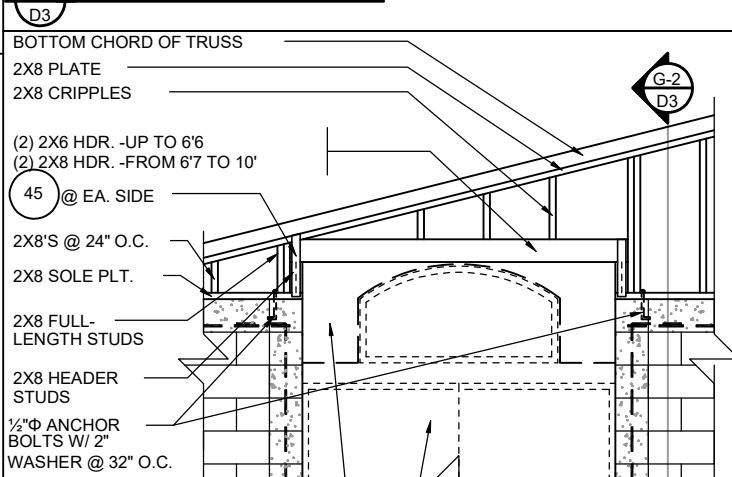
IN CASE OF BLOCK OPENINGS LARGER THAN DOOR FRAMING: ATTACH ADDITIONAL 2X FRAMING TO THE BLOCK WALL USING 1/4" x 4" TAPCONS AT 3" FROM END AND 12" O.C. IN THE CENTER. ATTACH TOP FRAMING TO HEADER USING 1/4"x1-3/4" TAPCONS W/ (1) 6" FROM END TO END AND 12" O.C. IN THE CENTER.



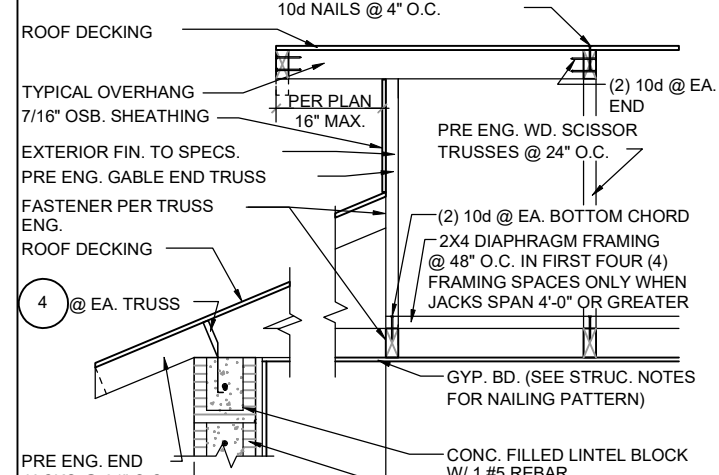
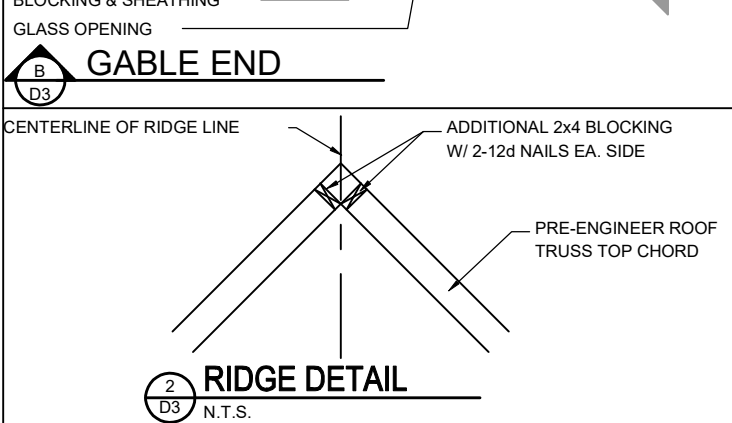
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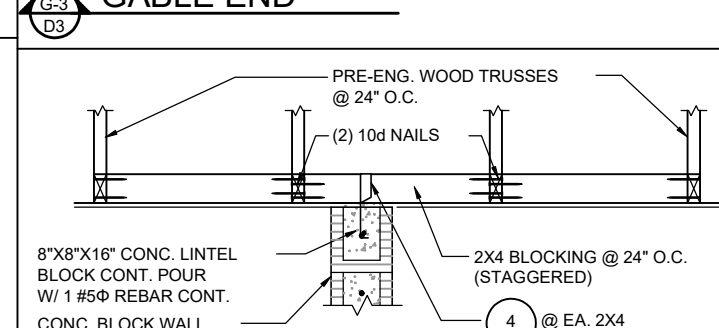
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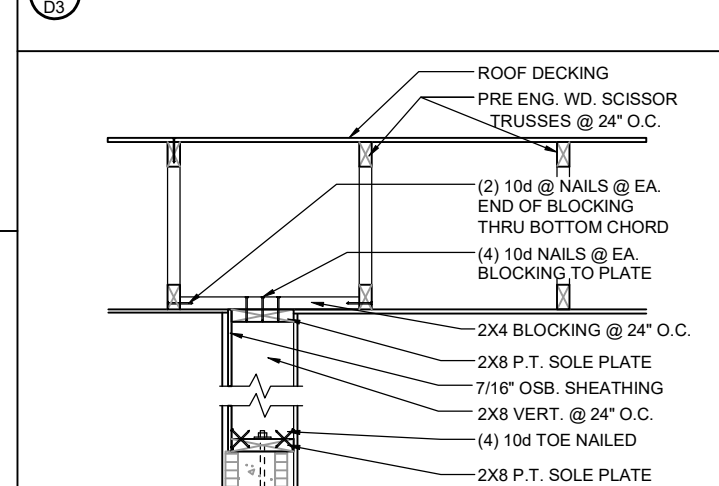
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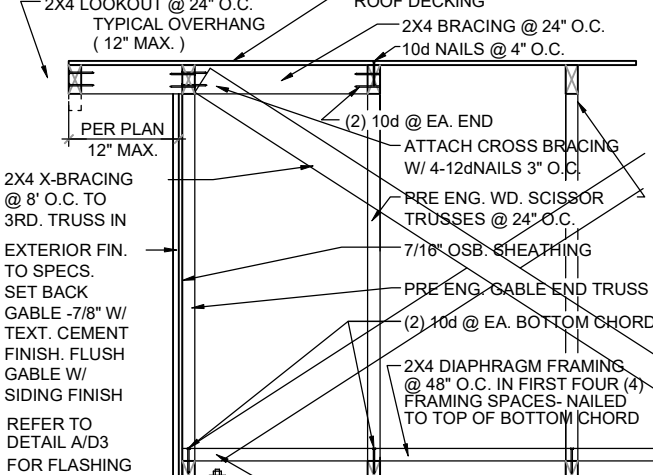
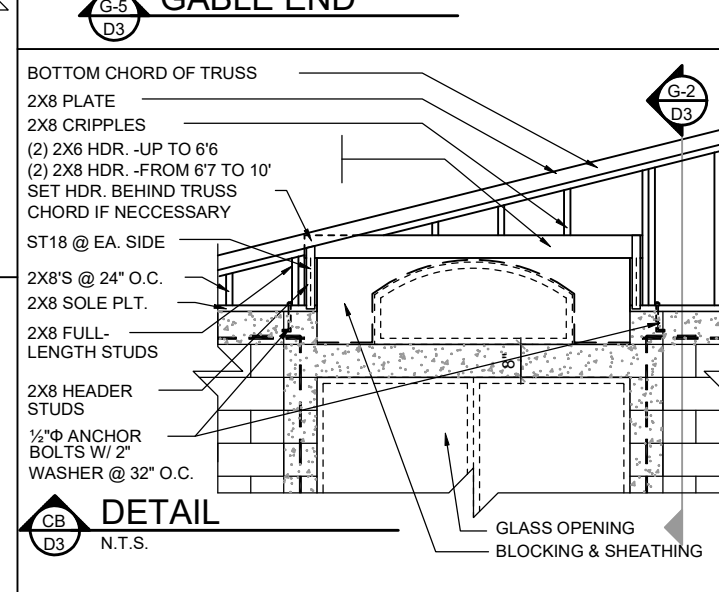
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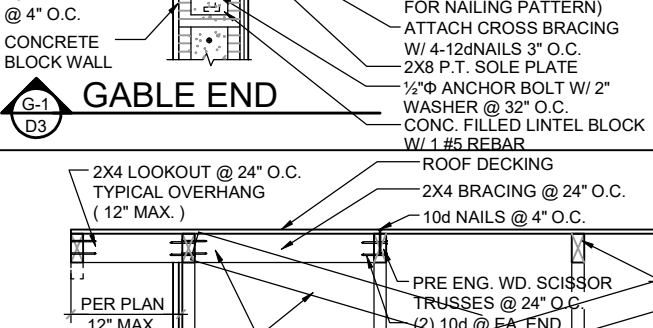
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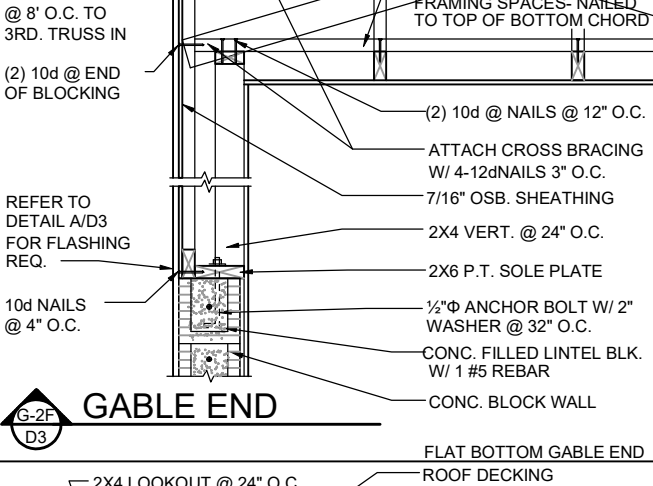
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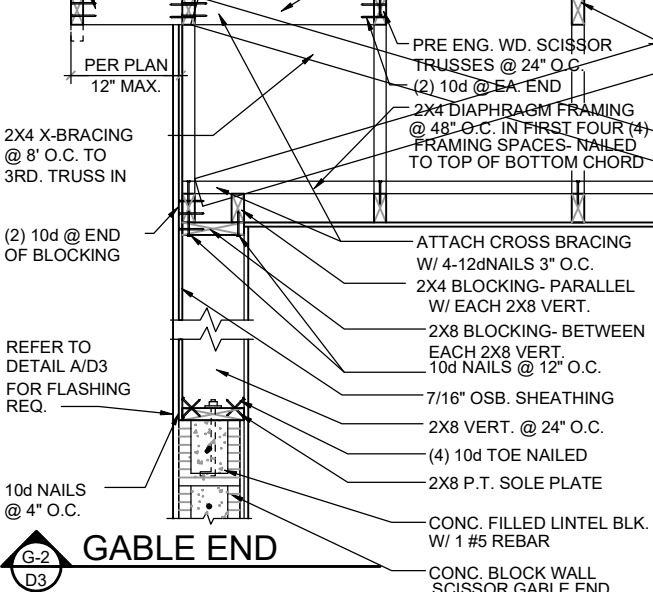
GABLE END



GABLE END



GABLE END



GABLE END

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A DIVISION OF PARK SQUARE ENTERPRISES, INC.

Park Square HOMES

STRUCTURAL DETAILS

1425 ARIES

40' EXPLORATION SERIES

REVISIONS

DELTA #	DATE
03-02-25	

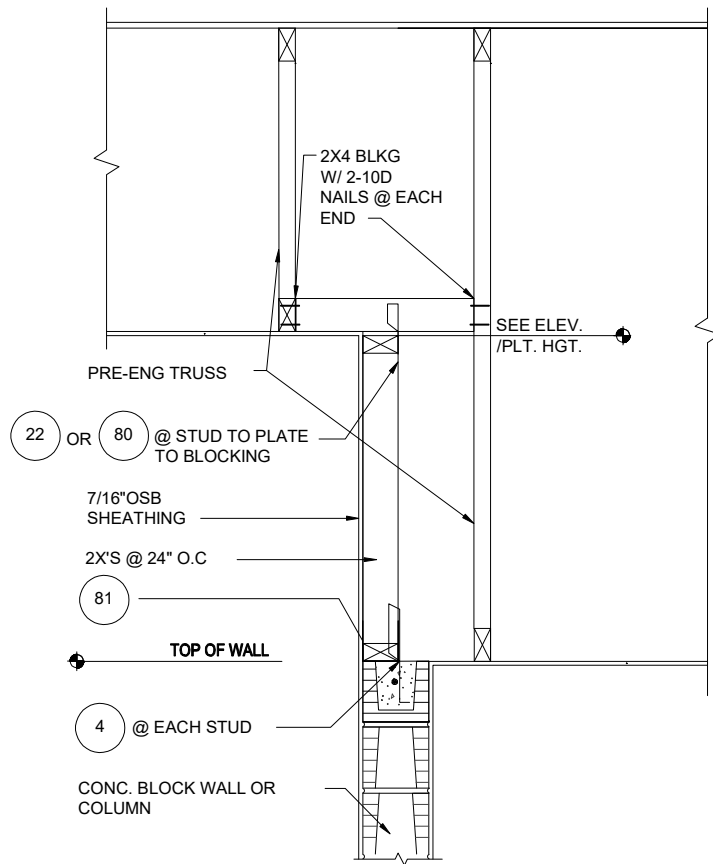
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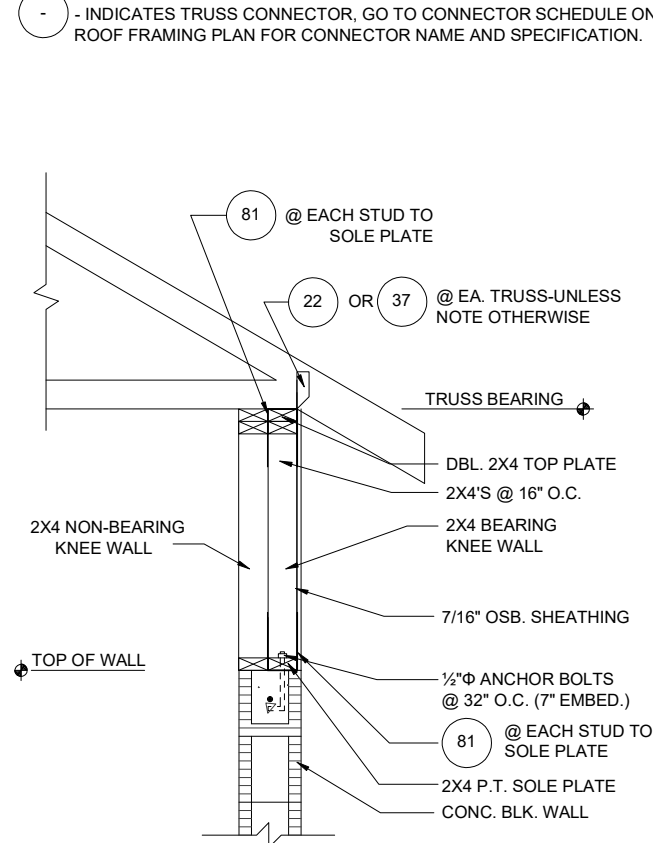
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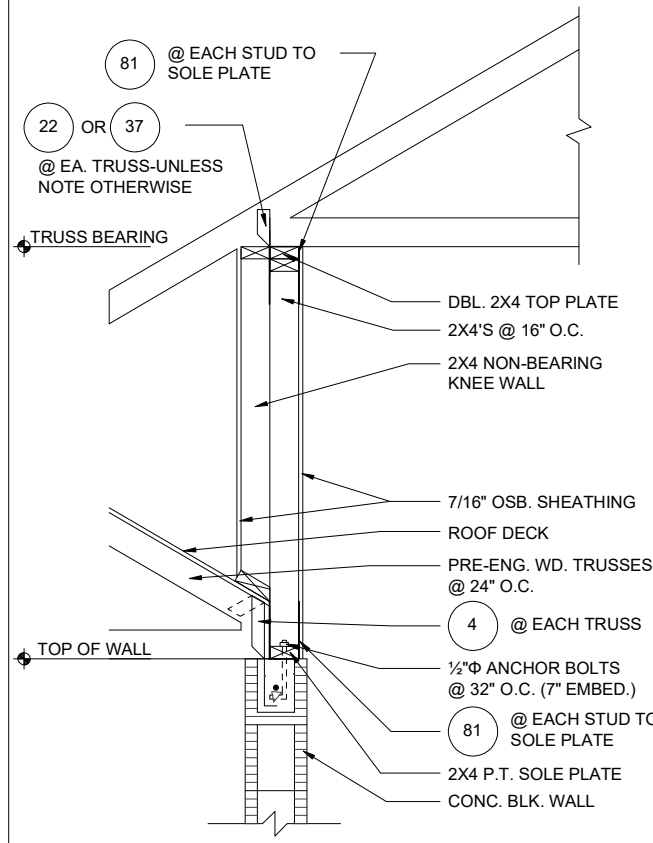
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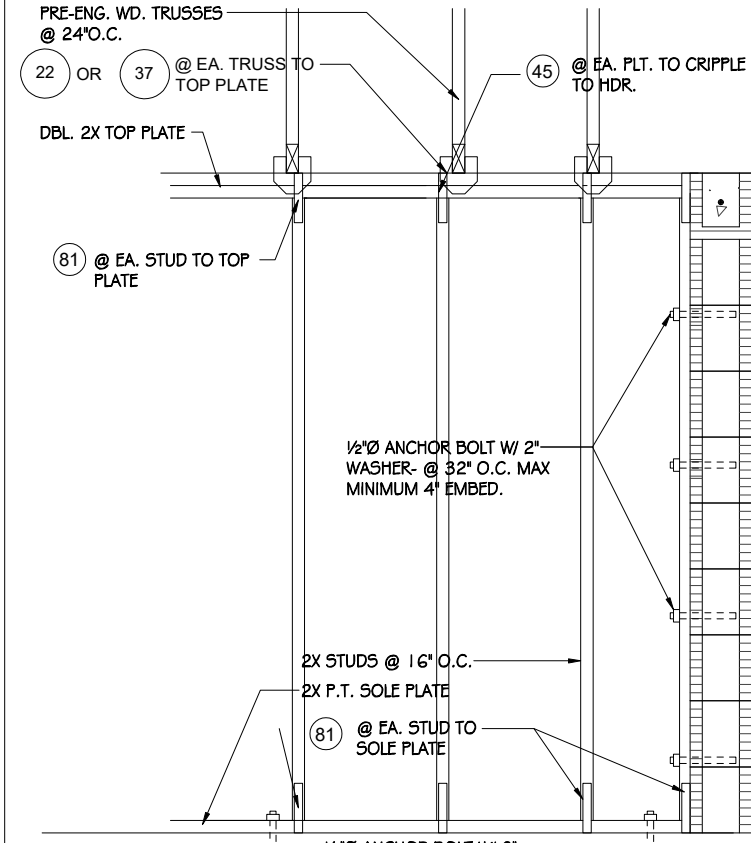
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D4 **DETAIL**
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



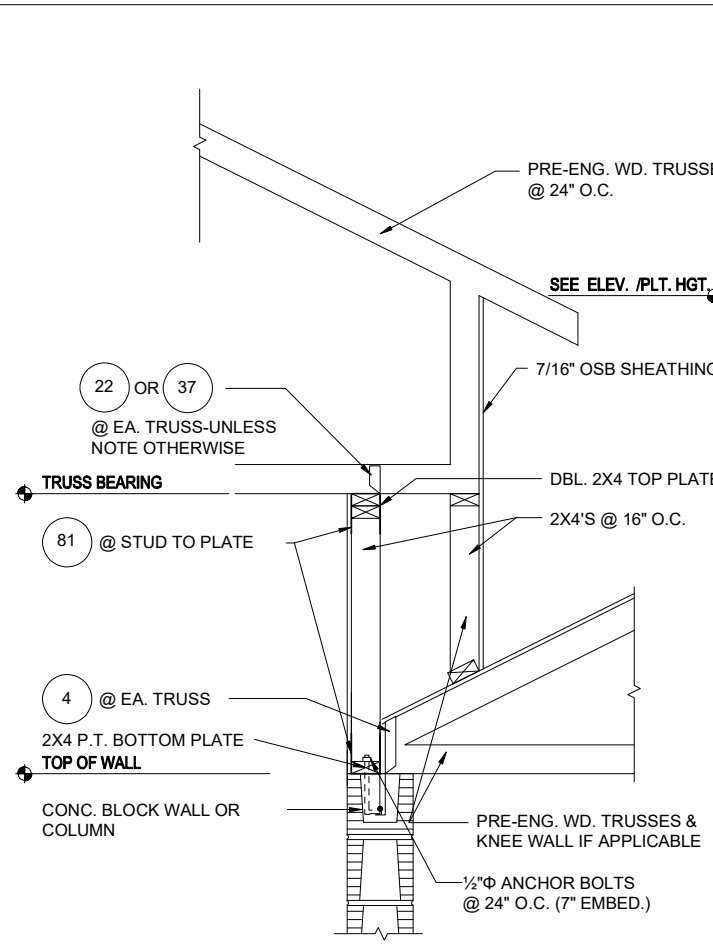
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D4 **DETAIL**
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



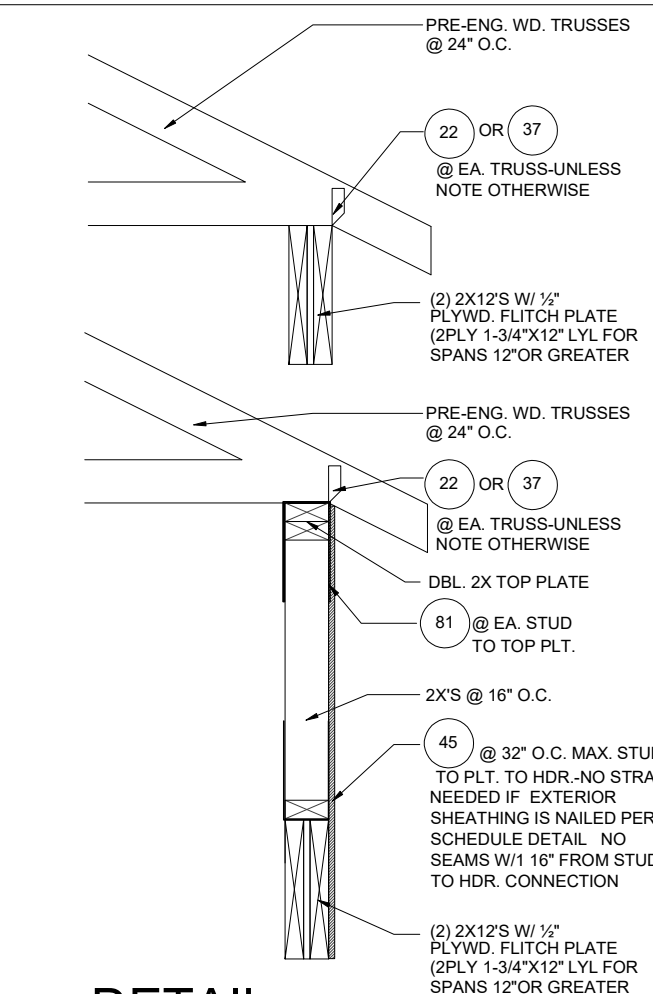
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D4 **DETAIL**
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



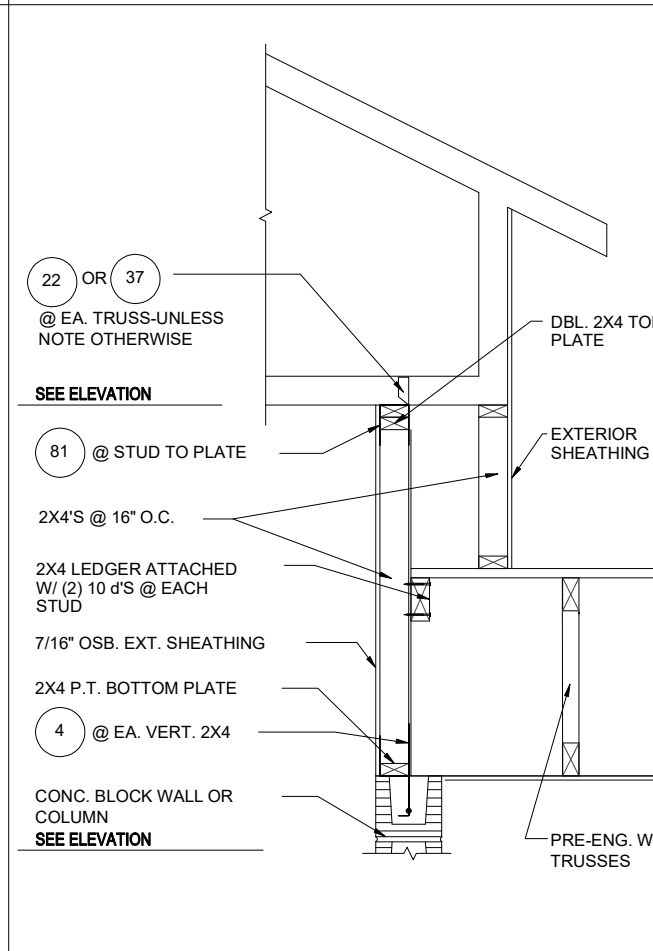
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D4 **DETAIL**
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



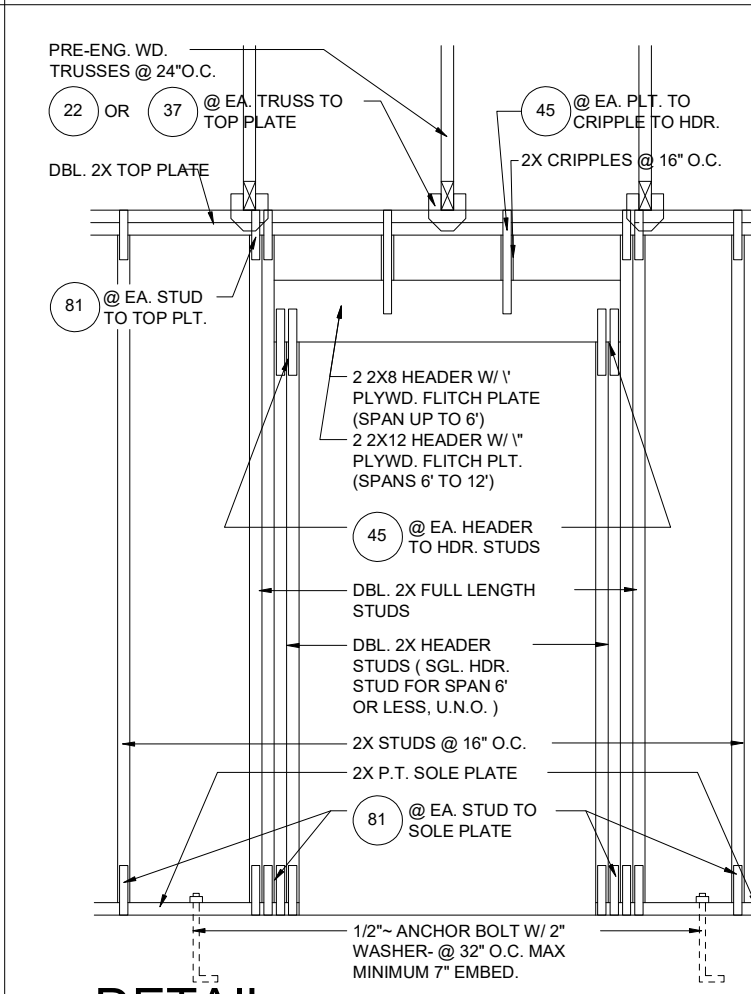
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D4 **DETAIL**
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



5
D4 **DETAIL**



6
D4 **DETAIL**



8
D4 **DETAIL**
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)

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1425 ARIES

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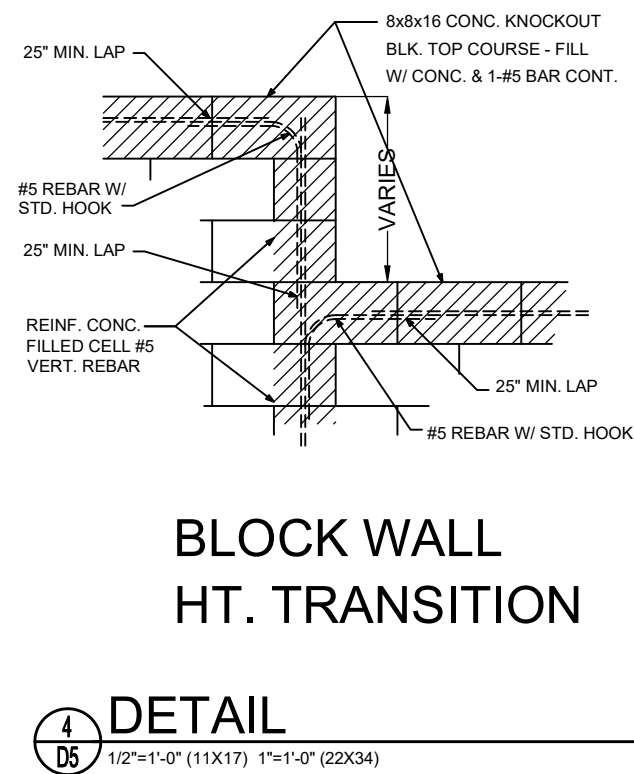
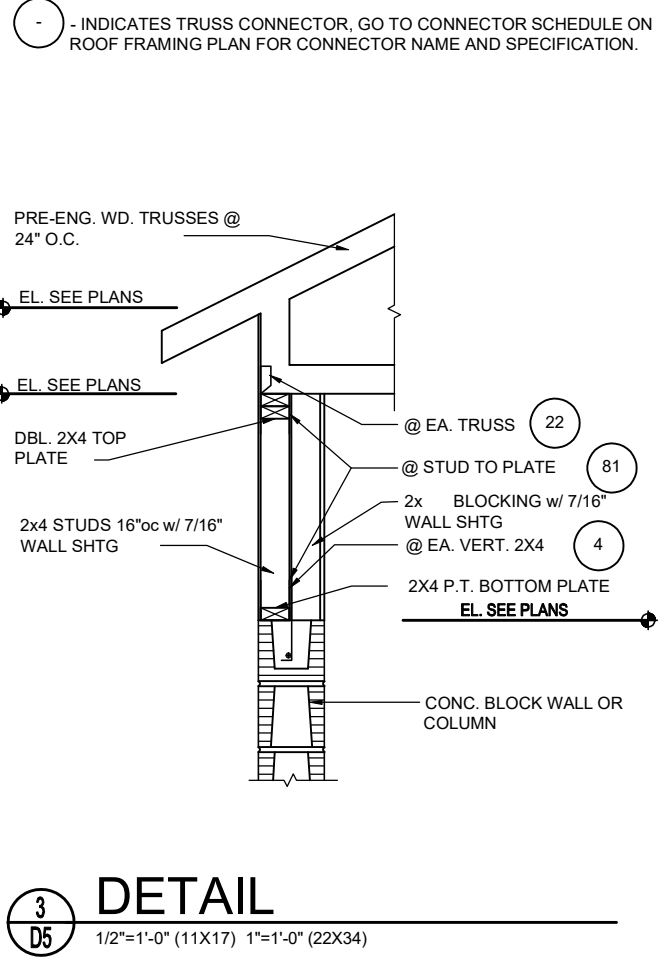
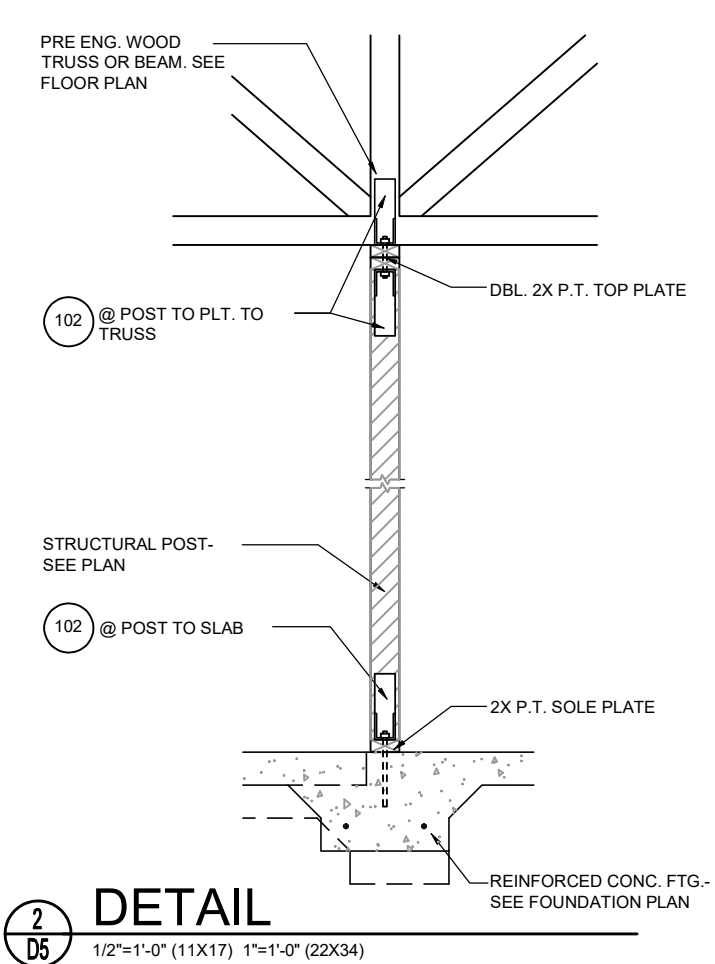
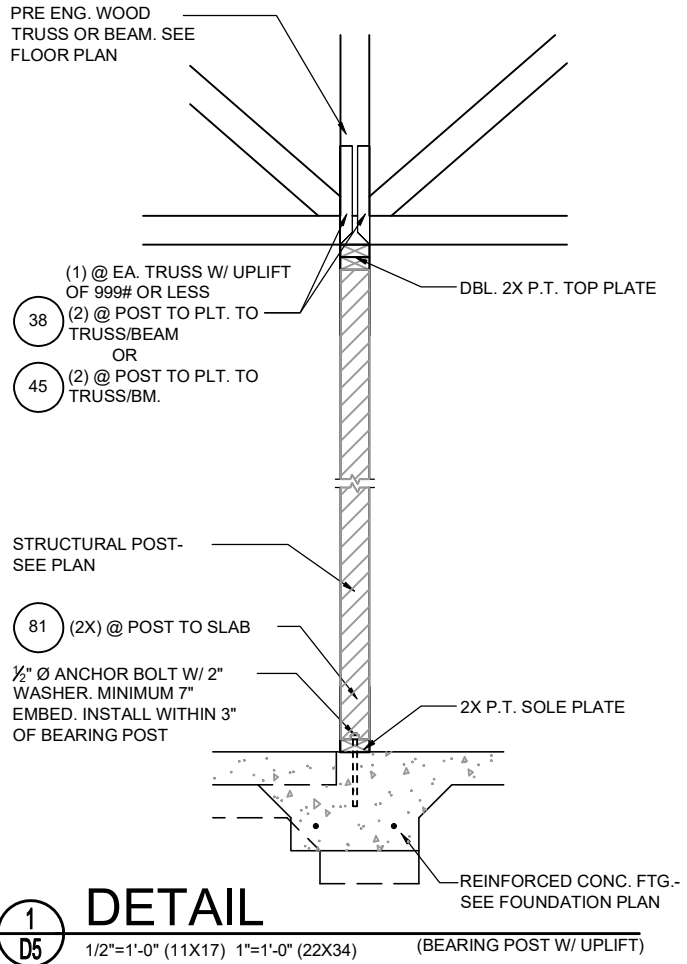
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Park Square HOMES

STRUCTURAL DETAILS

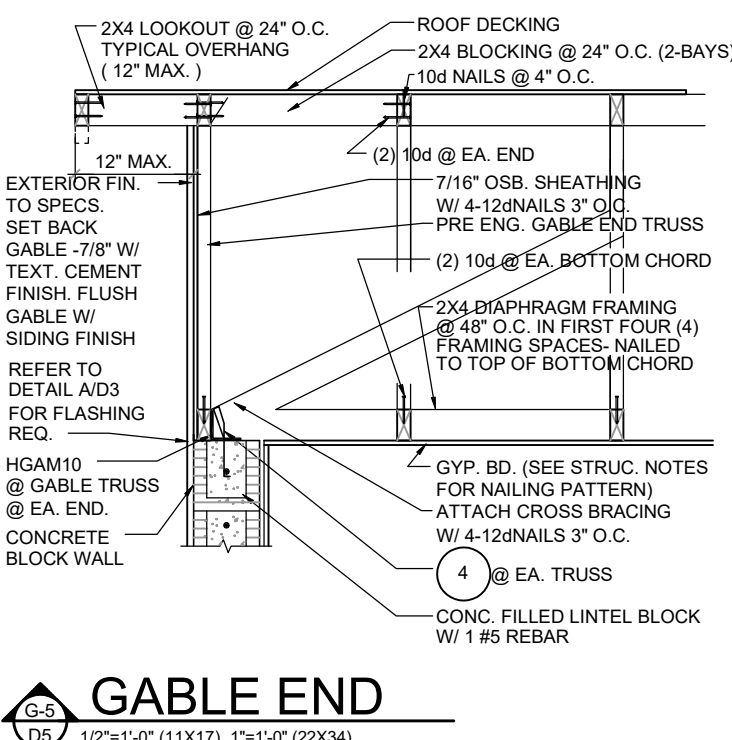
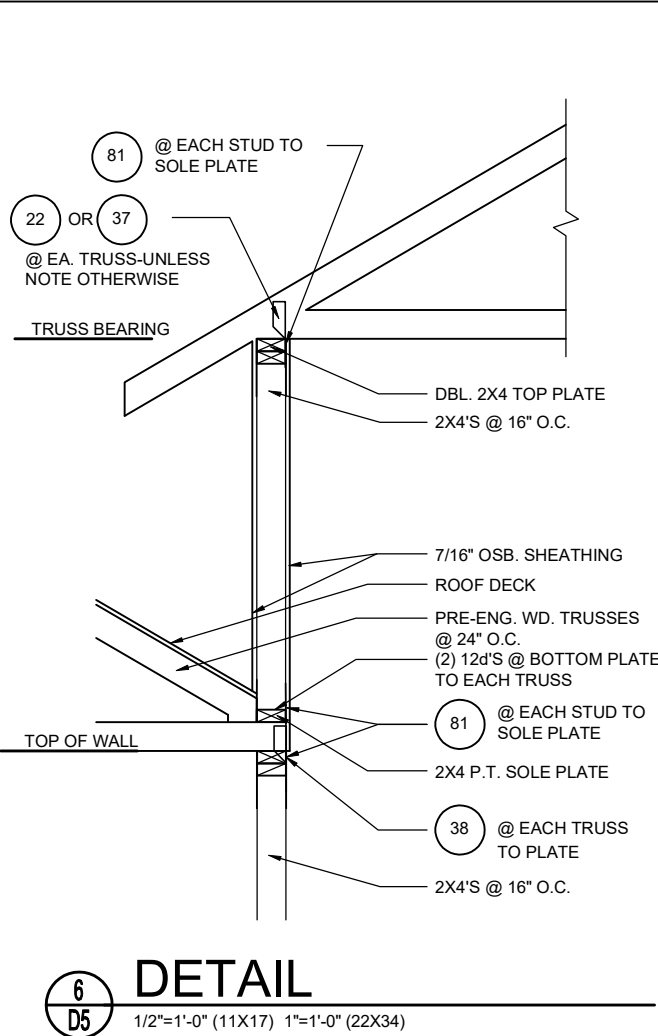
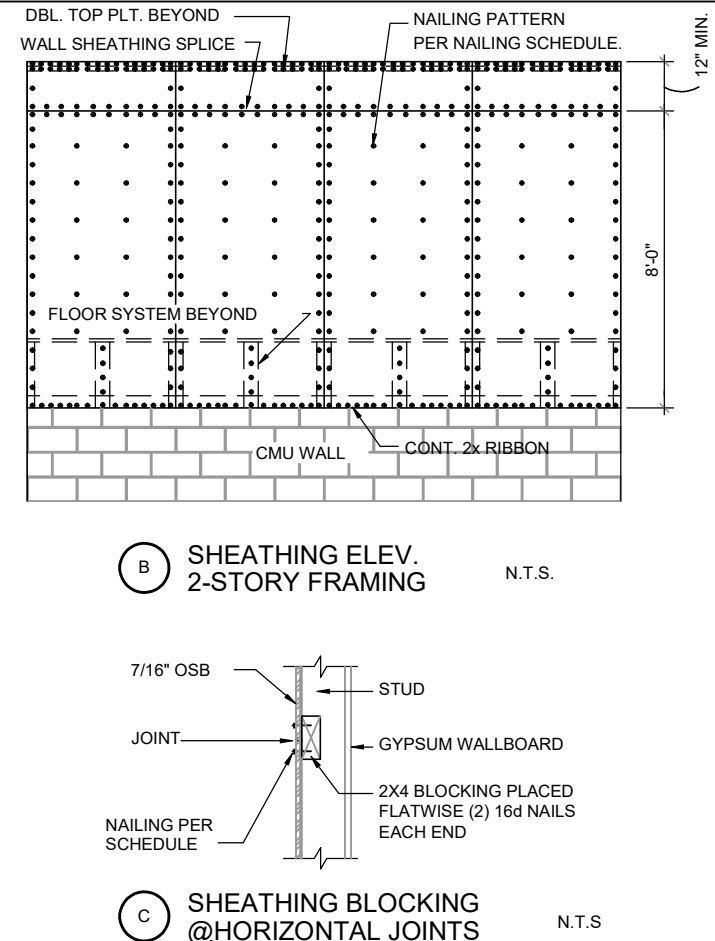
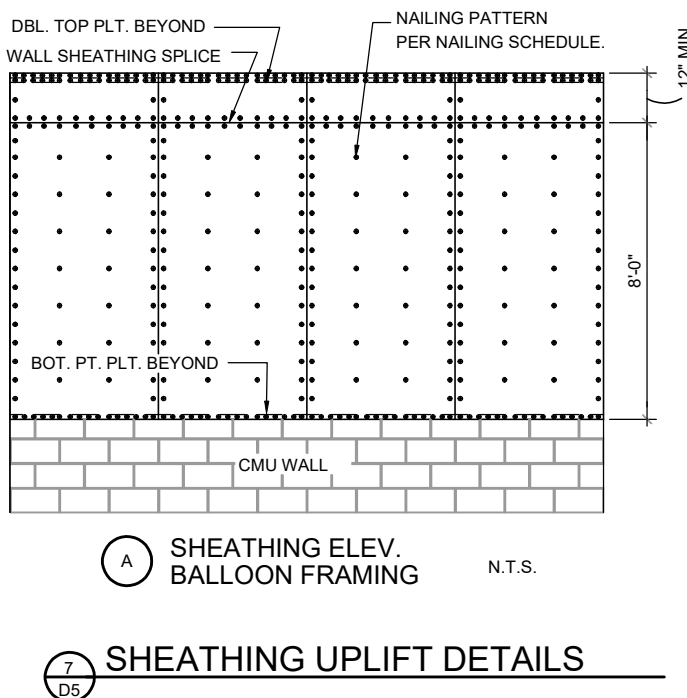
D4



BLOCK WALL HT. TRANSITION

NOTE:
1/2" PLYWOOD OR 7/16" O.S.B. TO BE USED AS UPLIFT RESISTANCE NO OTHER FASTENERS REQ'D. AT STUD/FLOOR TRUSS, EXCEPT AS NOTED ON PLANS IN TWO STORY FRAME APPLICATIONS, SHEATHING SHALL EXTEND MIN. 1'-0" W/O BREAK ABV. 2nd FLOOR BOTTOM PLT. TO T.O.M.

NAILING SCHEDULE:
(2) ROWS @ 3" O.C. AT TOP AND (1) ROW AT BOTTOM OF WALL, 6" O.C. ALL OTHER EDGES AND 12" IN FIELD. BLOCKING SHALL BE PLACED AT ALL SHEATHING JOINTS.



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STRUTURAL DETAILS

1425 ARIES

40' EXPLORATION SERIES

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