

A line drawing of a single-story house. The house has a gabled roof with a textured pattern. On the left side, there is a window with four panes. In the center, there is a front door with a decorative panel. To the right of the door is a large garage door with a grid of small rectangular panels. Two small lantern-style light fixtures are mounted on the wall, one on each side of the garage door. The house is shown from a front-facing perspective.

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Park Square HOMES

COVER SHEET

1860 SKY
40' EXPLORATION SERIES

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TO SUIT EQUIP. FURN

4" TYP. SIDES

CONDENSOR UNIT

6"

TO SUIT EQUIP. FURN

8HT. 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

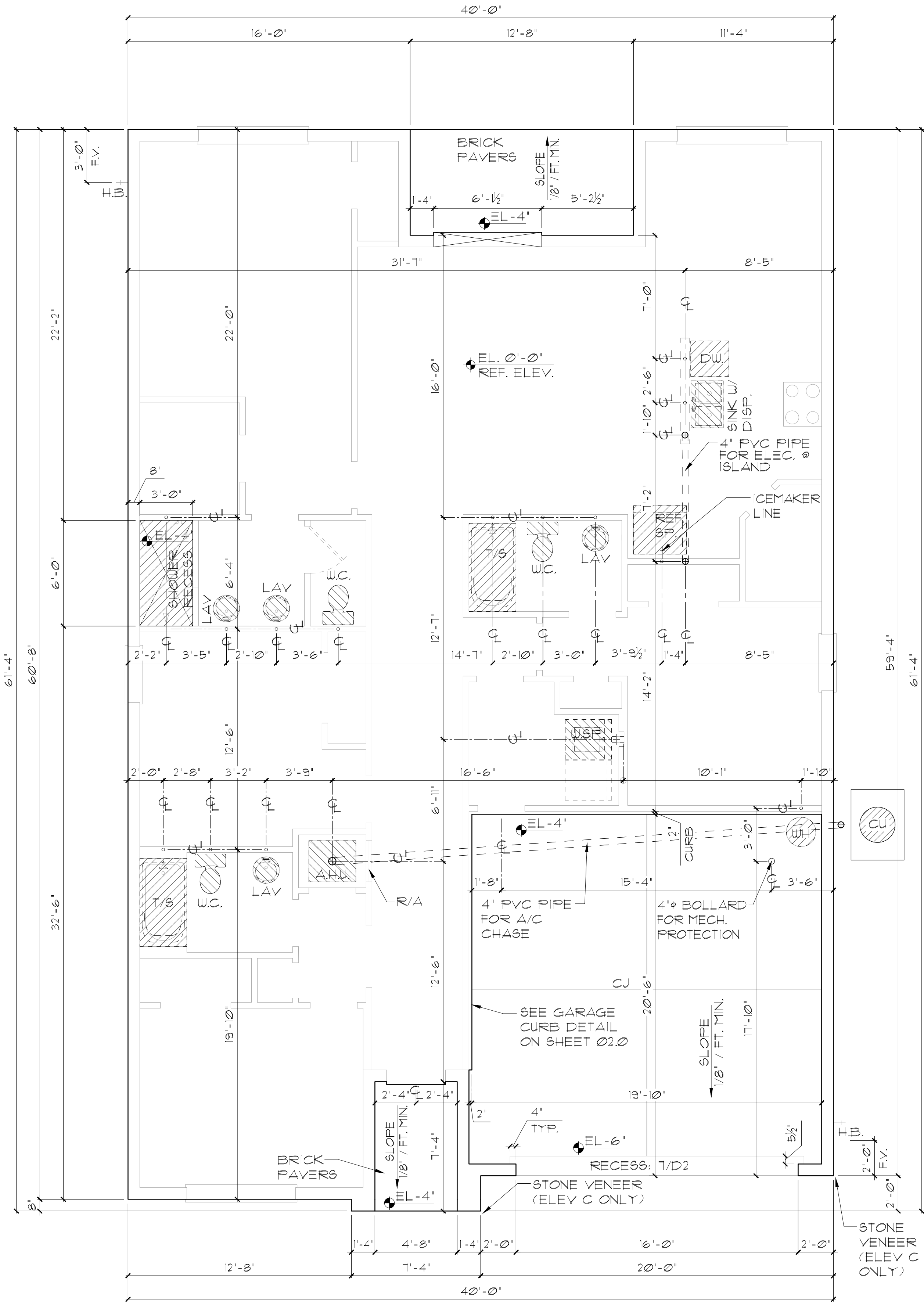
CONNECT TO UNIT W/ #14 SHEET METAL SCREWS W/ GASKETED WASHERS & CONNECT TO PAD W/ 1/4"x 1-1/4" TAPCON SCREW OR 3/8" BOLT. SEE TABLE FOR QTY. PER SIDE.

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

FOUNDATION NOTES

1. CONTRACTOR 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 SUPER-VISOR FOR CLARIFICATION.
3. 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.
4. 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
5. MECHANICAL EQUIP. LOCATIONS TO BE FIELD VERIFIED & MAY BE DEPENDANT UPON COMMUNITY AND MUNICIPALITY CODES.
6. IN LIEU OF TREATING THE SOIL, AN ALTERNATIVE TO TERMITE TREATED SOIL CAN BE TERMICIDE.
7. BORA-CARE TO BE APPLIED ON INTERIOR WALLS IAW MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PURSUANT TO FBC-R- CURRENT EDITION.

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1860 SKY

40' EXPLORATION SERIES

REVISIONS

DELTA #	DATE

DATE: 09-11-25

SCALE: AS NOTED

DRAWN: MR

SHEET: 01.0

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Park Square HOMES

SLAB INTERFACE PLAN

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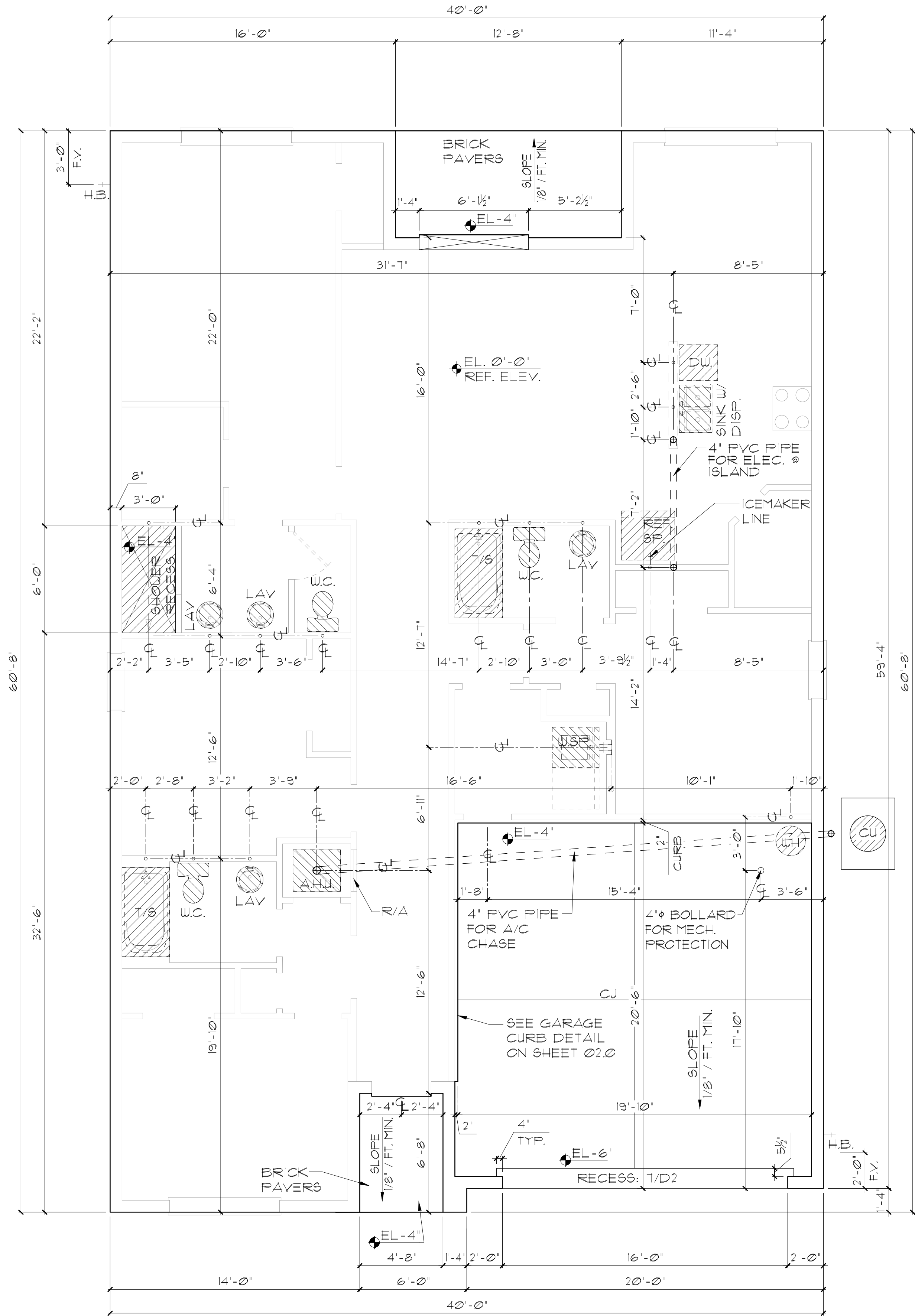
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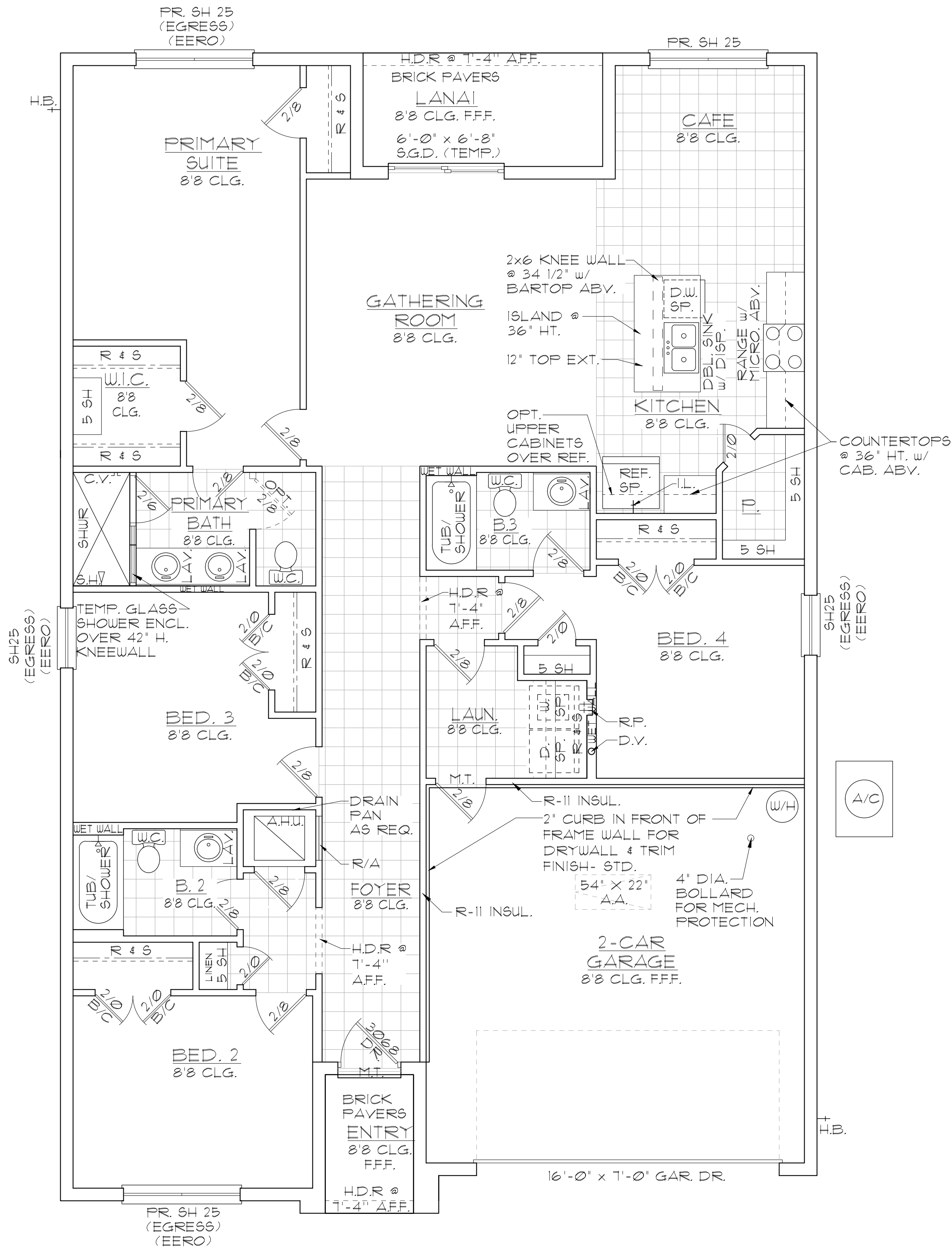
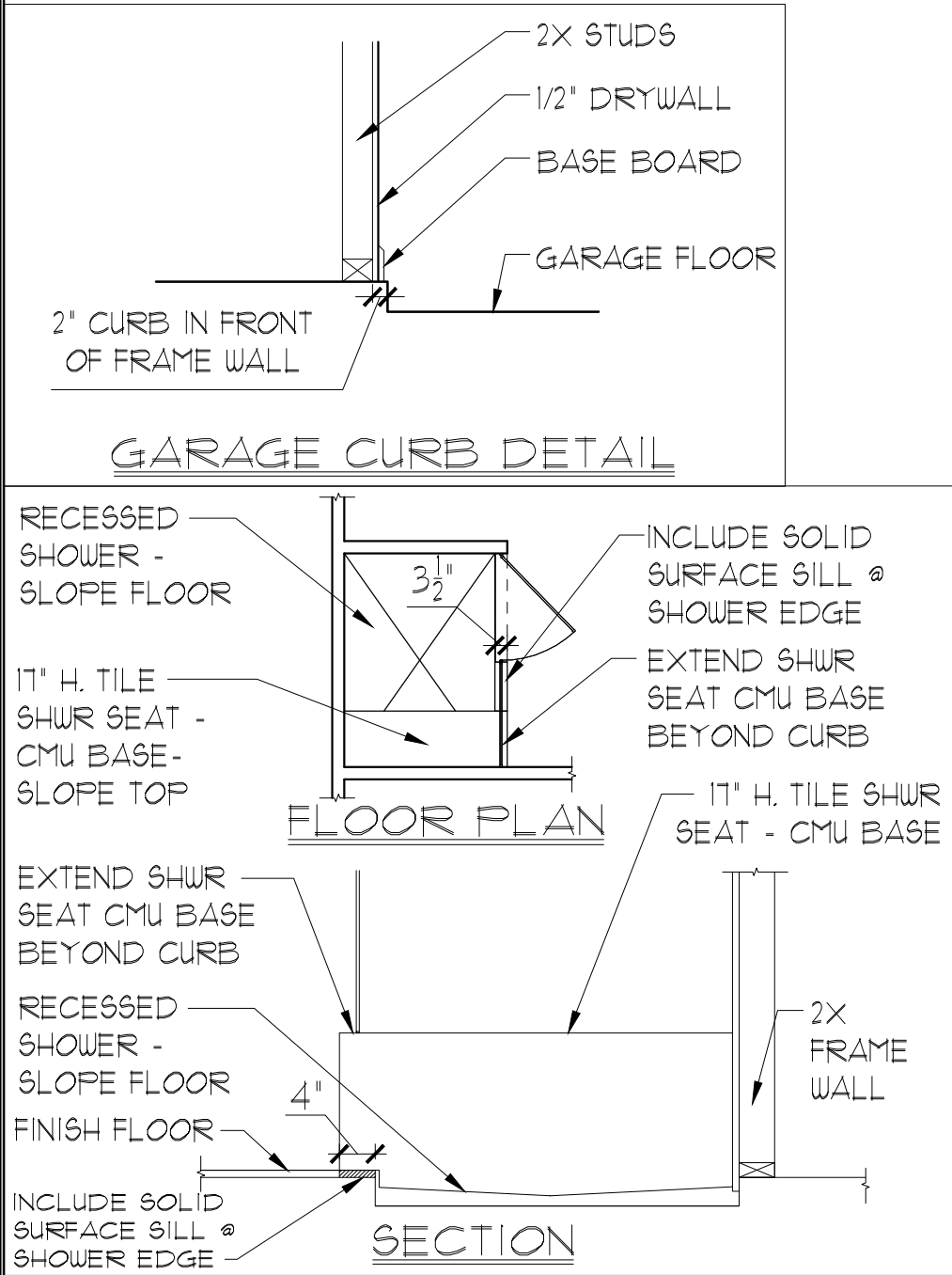
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WALL LEGEND

[Symbol]	DENOTES CONC. BLOCK WALL HGT. @ 8'-8" AFF.
[Symbol]	DENOTES CONC. BLOCK WALL HGT. @ 10'-0" AFF.
[Symbol]	DENOTES 2x INSULATED FRAME WALL

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

AREA CALCULATIONS

TOTAL LIVING	1860 SF.
GARAGE	421 SF.
ENTRY	41 SF.
LANAI	76 SF.
TOTAL UNDER ROOF	2,404 SF.

ELEVATION A STD

FLOOR PLAN W/ NOTES

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

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40' EXPLORATION SERIES

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DRAWN: M/R

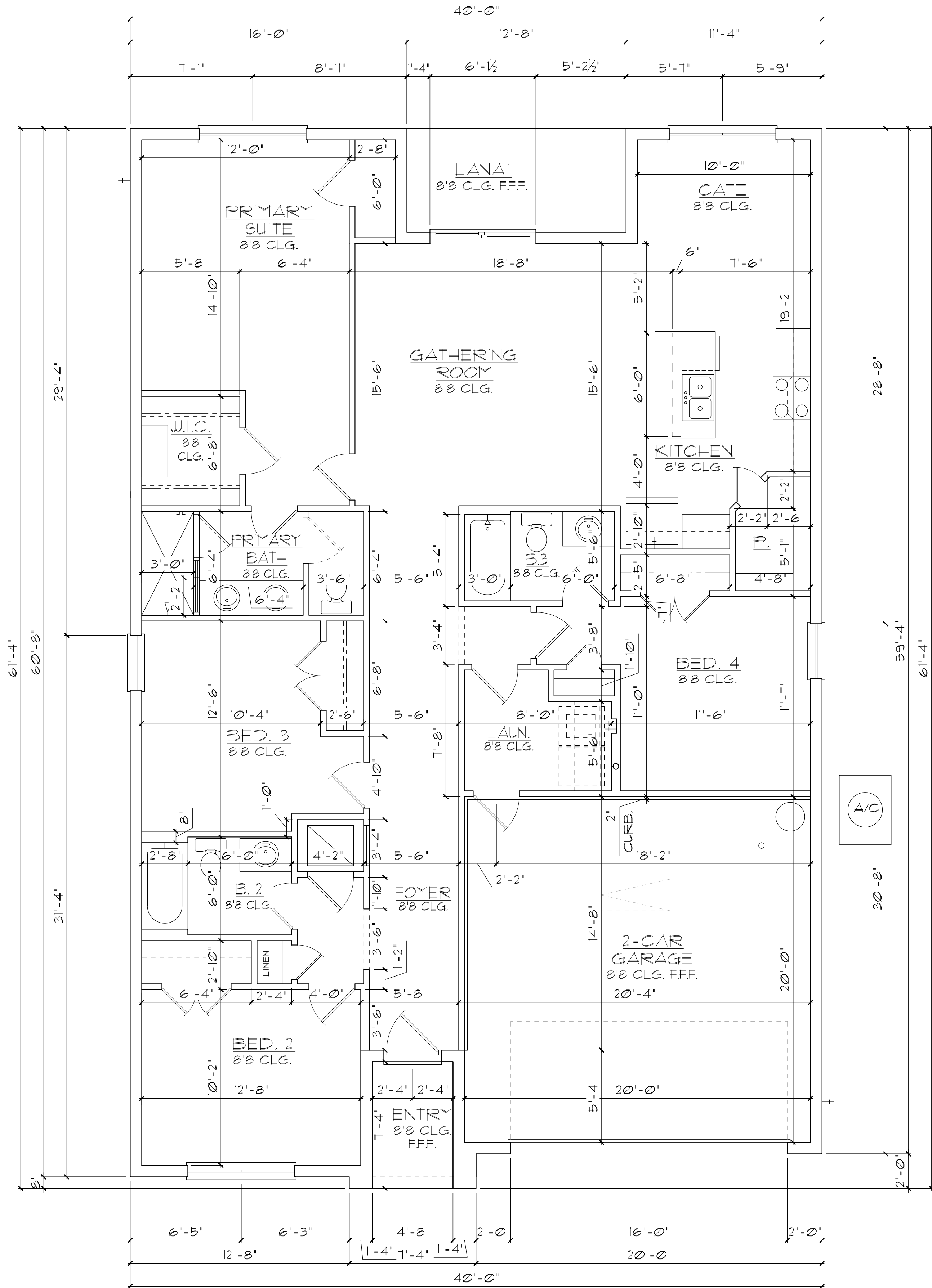
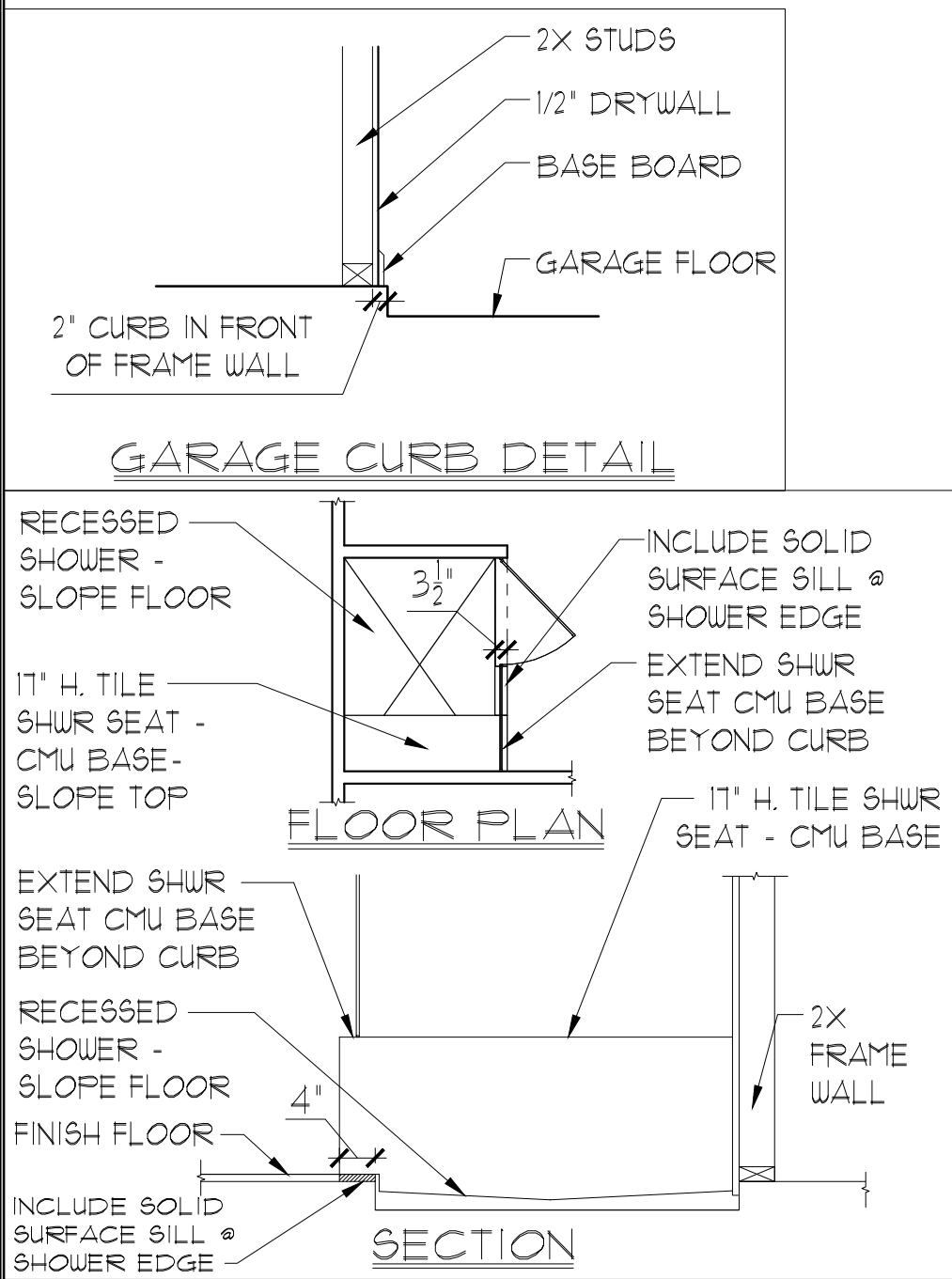
SHEET: 02.0

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Park Square HOMES

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

AREA CALCULATIONS	
TOTAL LIVING-----	1860 SF.
GARAGE-----	421 SF.
ENTRY-----	41 SF.
LANAI-----	76 SF.
TOTAL UNDER ROOF-----	2,404 SF.

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

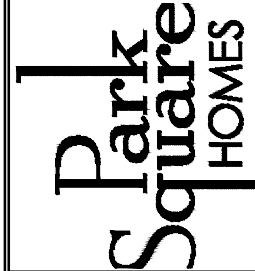
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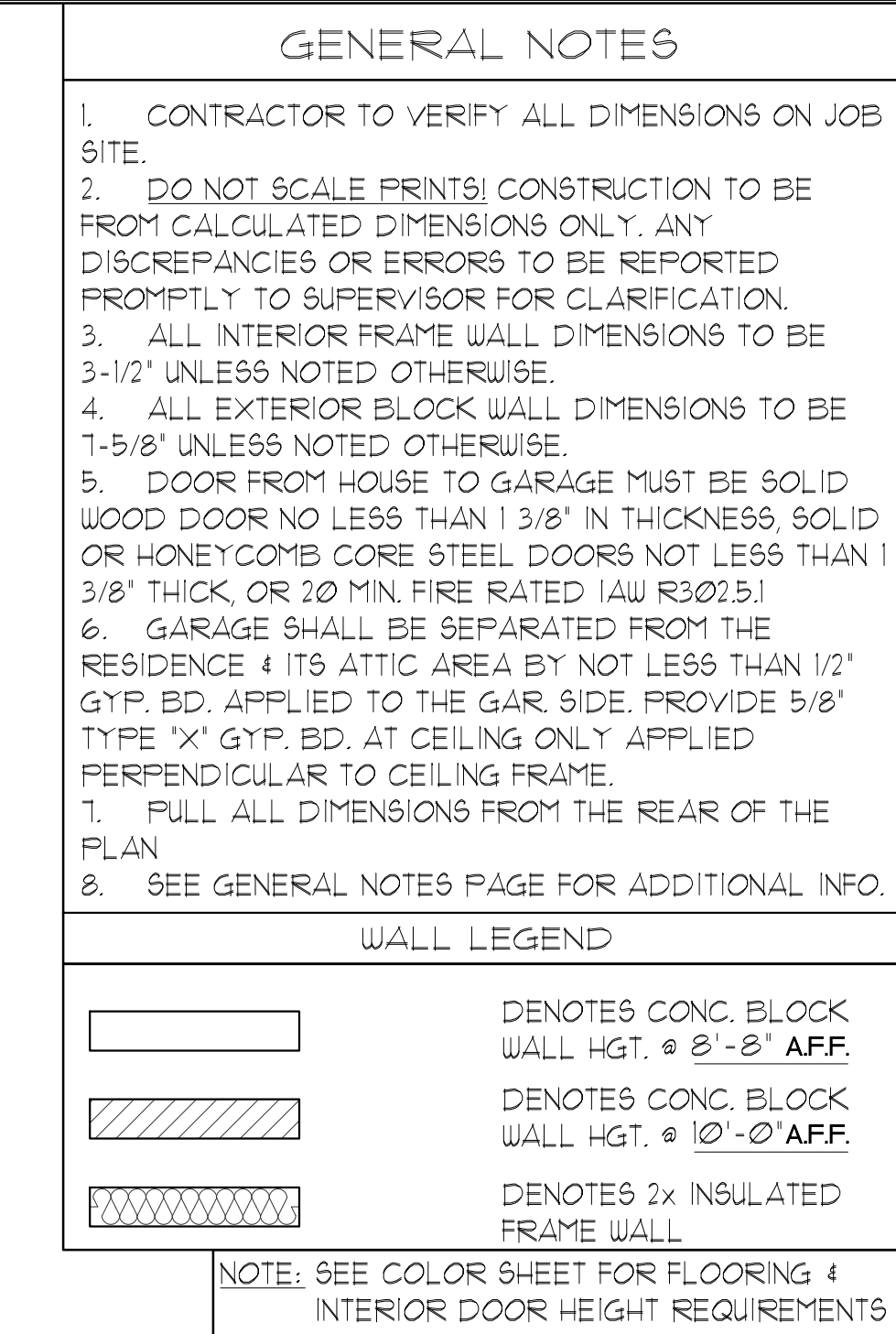


FLOOR PLAN
W/ DIMENSIONS

1860 SKY
40' EXPLORATION SERIES

REVISIONS	
DELTA #	DATE
DATE:	09-11-25
SCALE:	AS NOTED
DRAWN:	MR
SHEET:	02.1

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ELEVATION B STD
FLOOR PLAN W/ NOTES
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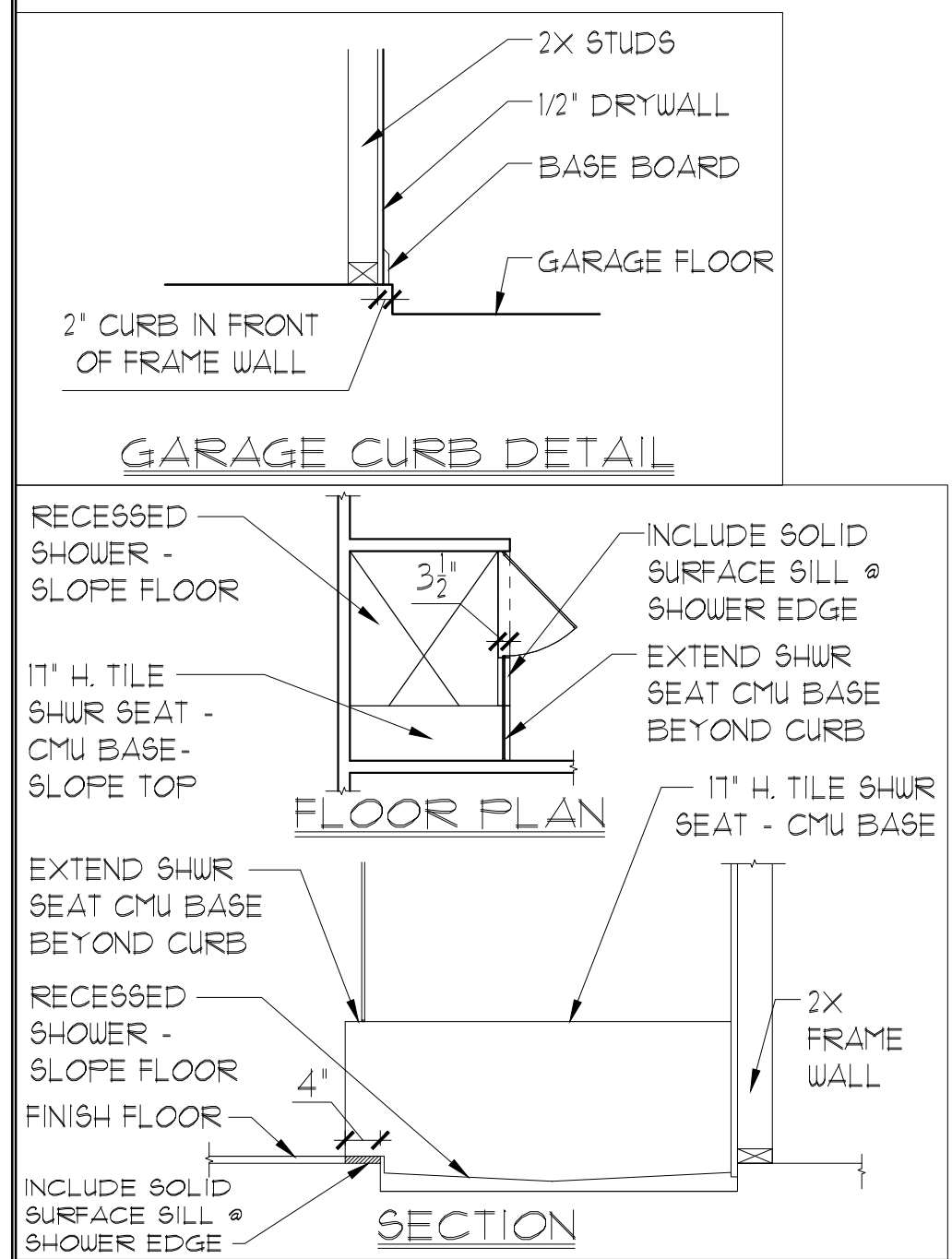


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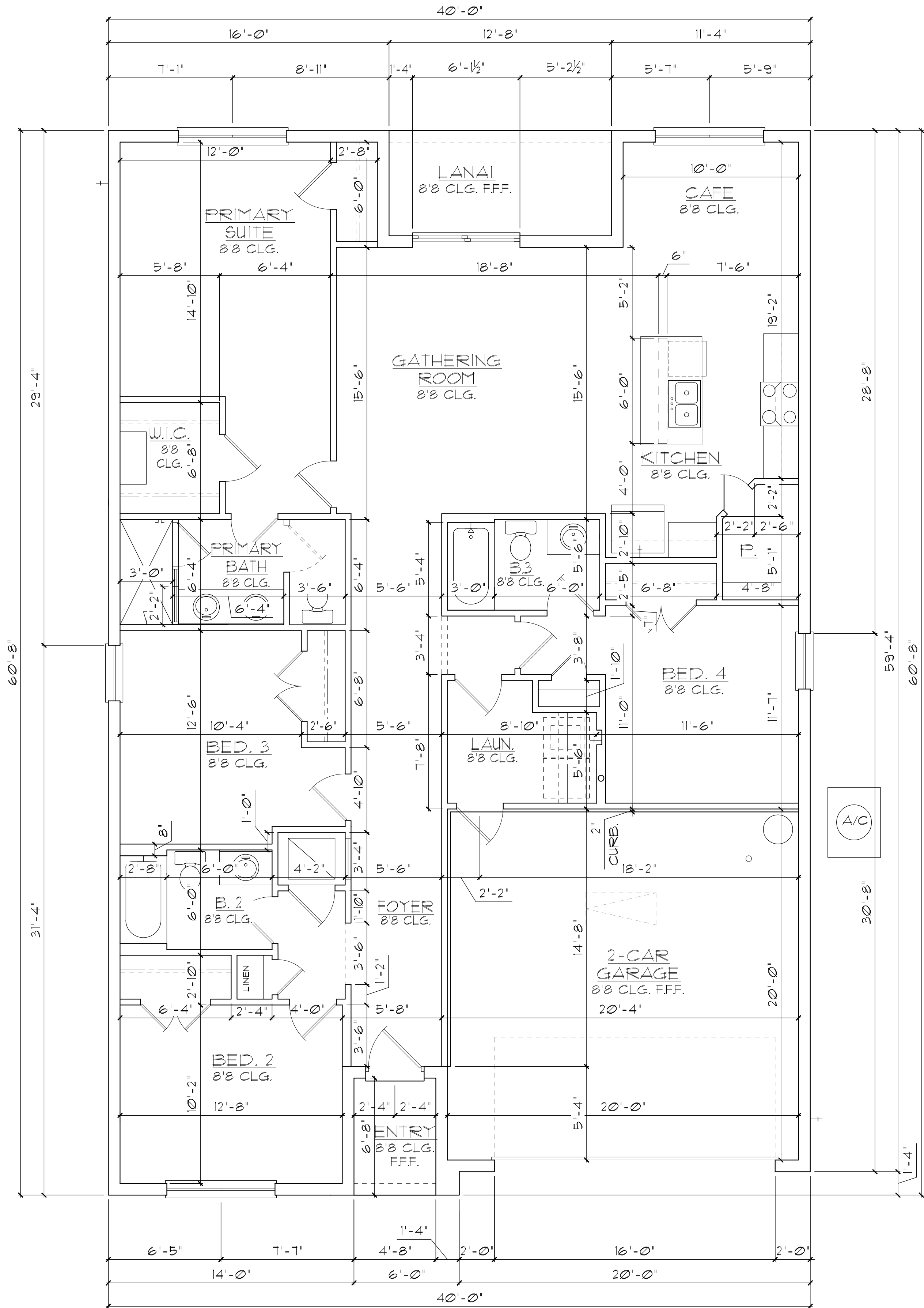
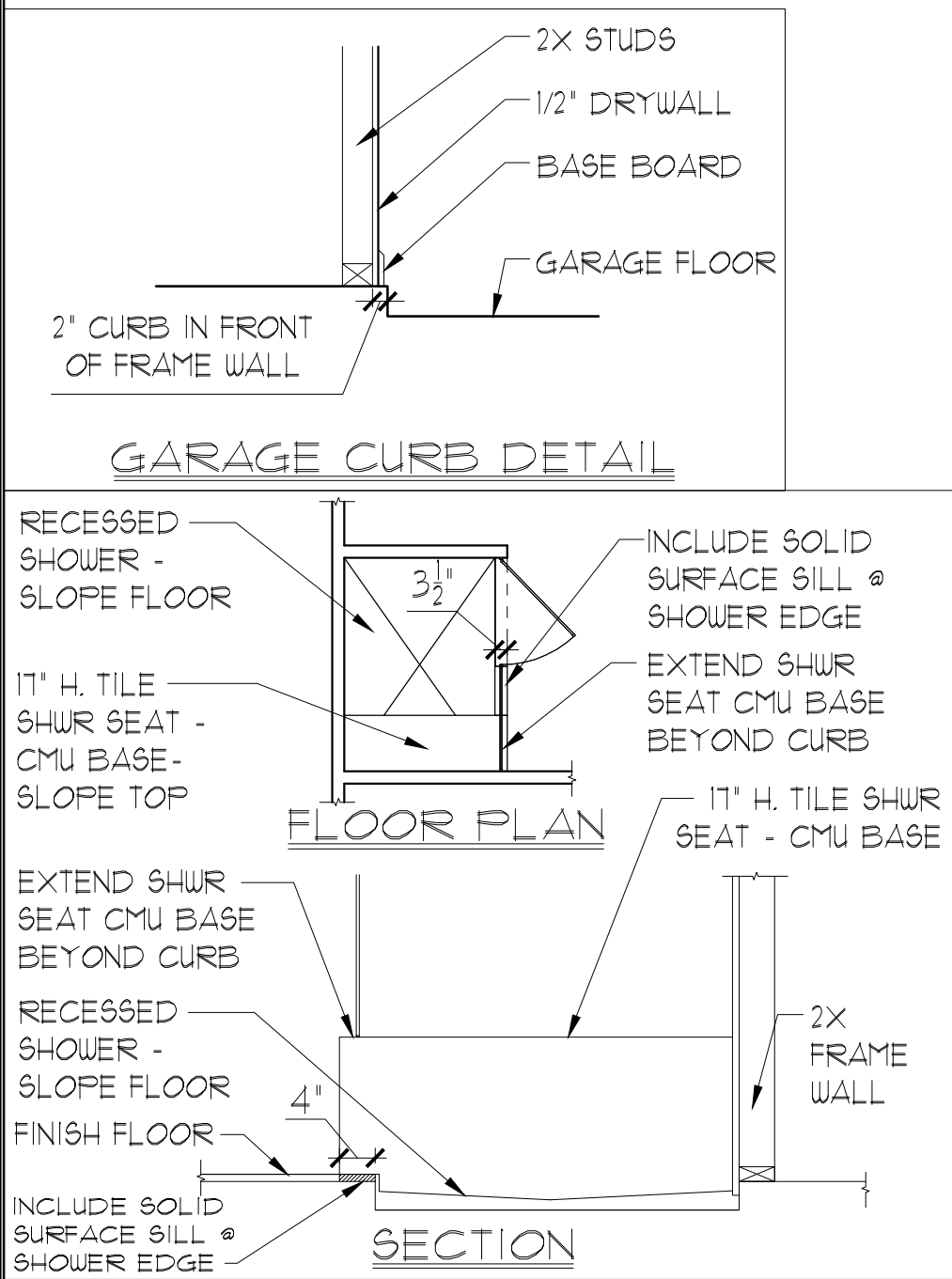
FLOOR PLAN / NOTES

40' EXPLORATION SERIES

REVISIONS	
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SCALE: AS NOTED	
DRAWN: MR	
SHEET:	
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NOTE: SEE COLOR SHEET FOR FLOORING & INTERIOR DOOR HEIGHT REQUIREMENTS

AREA CALCULATIONS	
TOTAL LIVING-----	1860 SF.
GARAGE-----	421 SF.
ENTRY-----	36 SF.
LANAI-----	76 SF.
TOTAL UNDER ROOF-----	2,393 SF.

ELEVATION B STD
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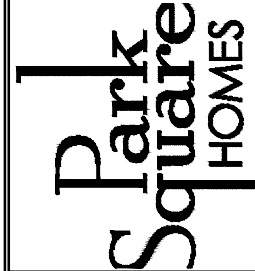
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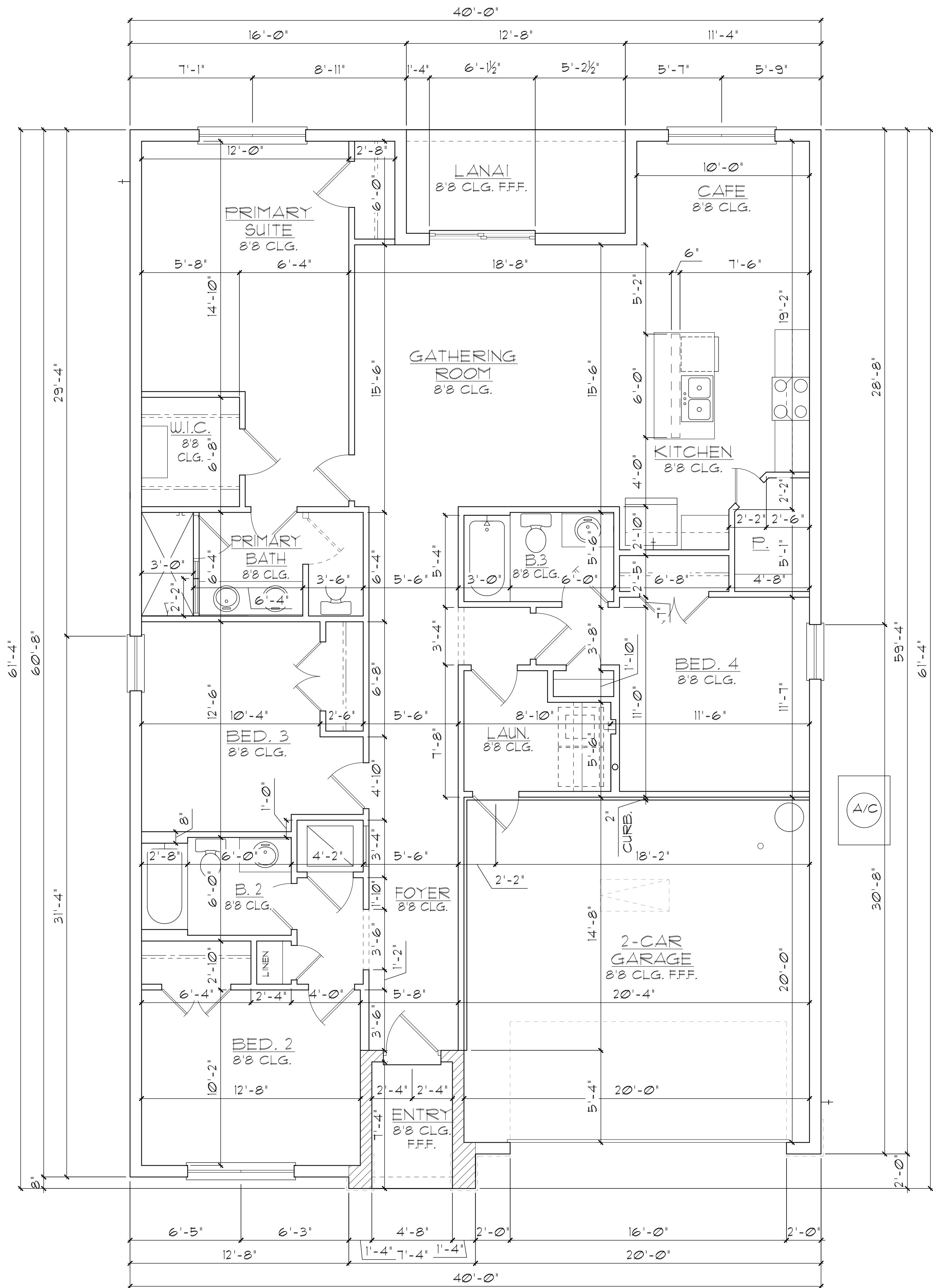
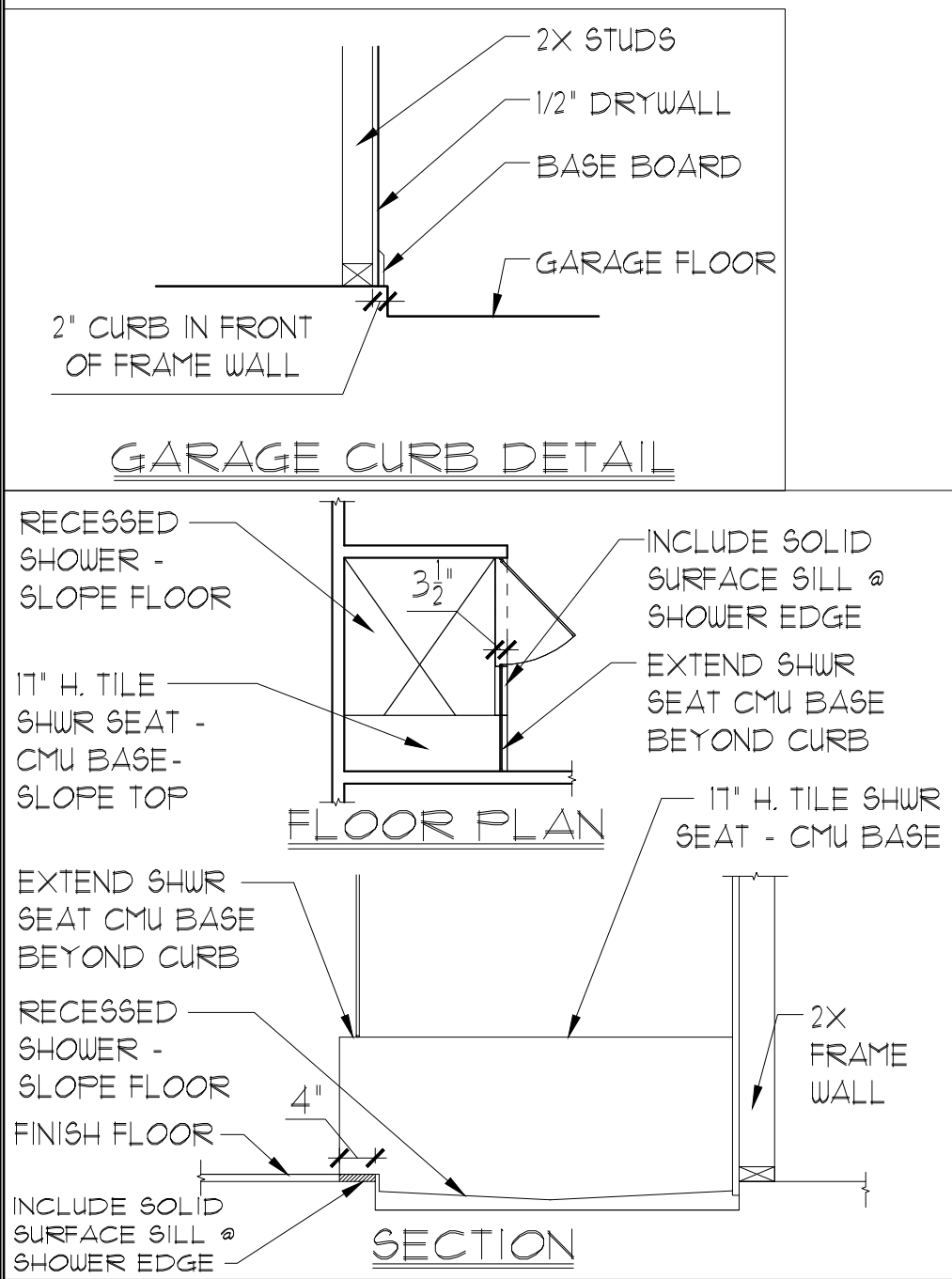


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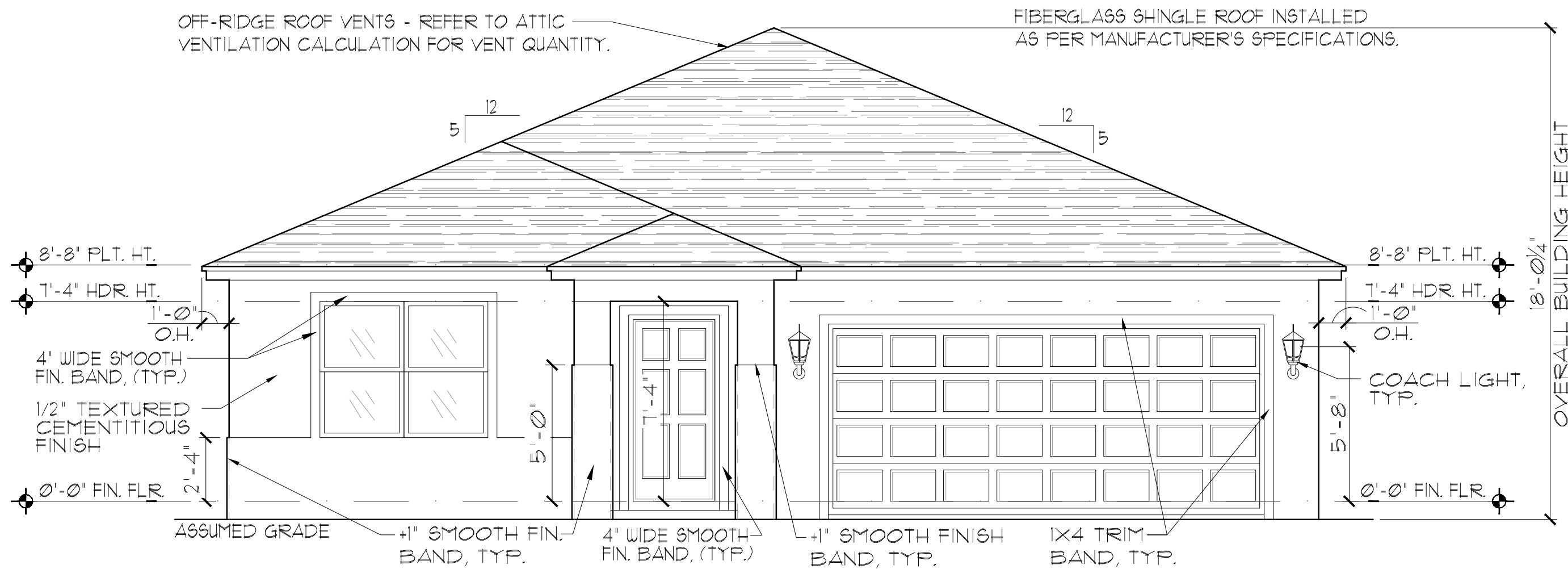
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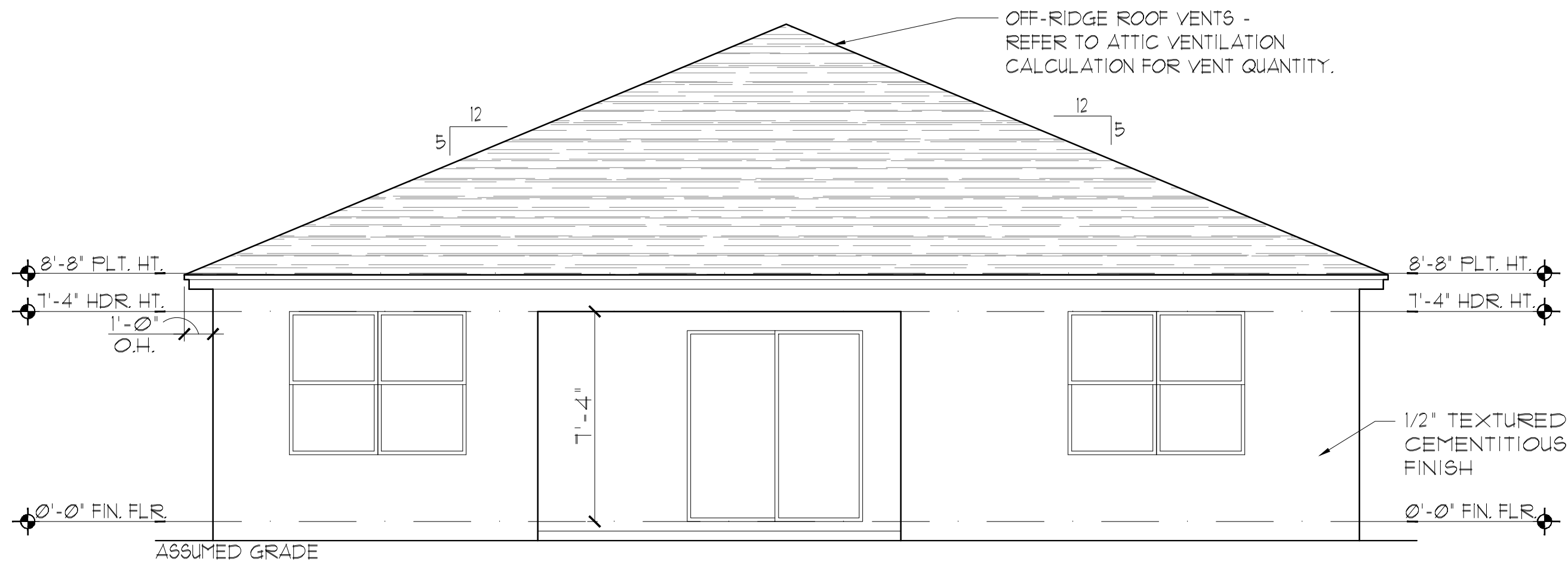
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ELEVATION A STD
FRONT ELEVATION

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 R103.1.1 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.

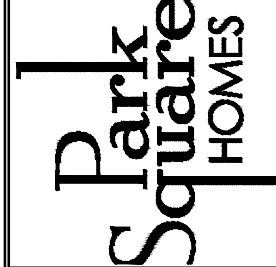
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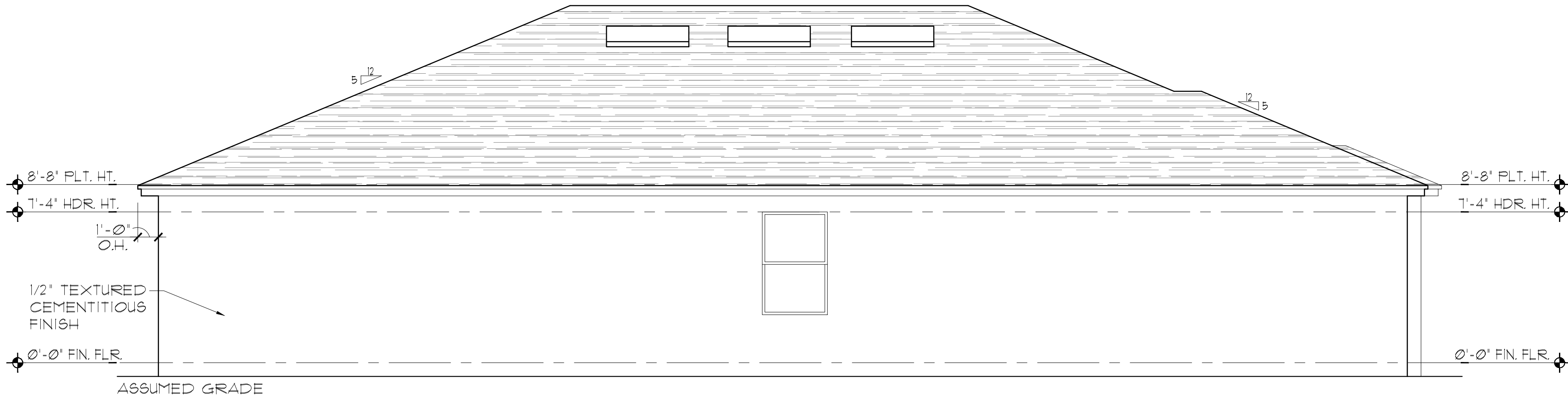
A DIVISION OF PARK SQUARE
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5200 Vineland Road, Suite 200
Orlando, Florida 32811
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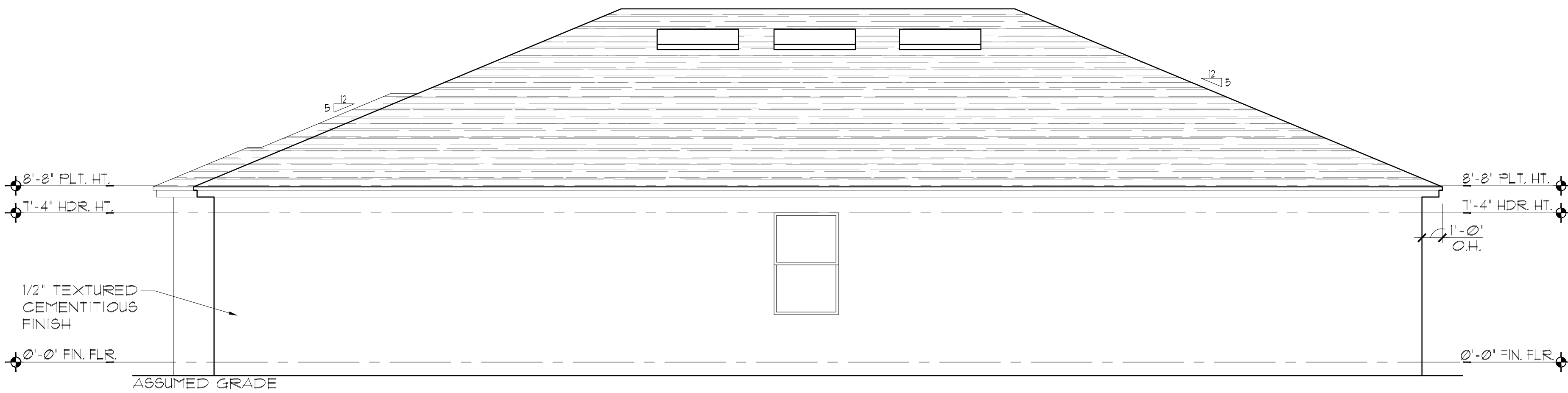
EXTERIOR ELEVATION
FRONT AND REAR

1860 SKY
40' EXPLORATION SERIES

REVISIONS	
DELTA #	DATE
DATE:	09-11-25
SCALE:	AS NOTED
DRAWN:	MR
SHEET:	03.A



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)

EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R103.1.1 OF THE 8TH EDITION, FBC-R, 2023 & ASTM C1063 OR C1181.
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REVISIONS

DELTA #	DATE

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SHEET: 03.1A

1860 SKY

40' EXPLORATION SERIES

EXTERIOR ELEVATION
LEFT AND RIGHT

Park Square HOMES

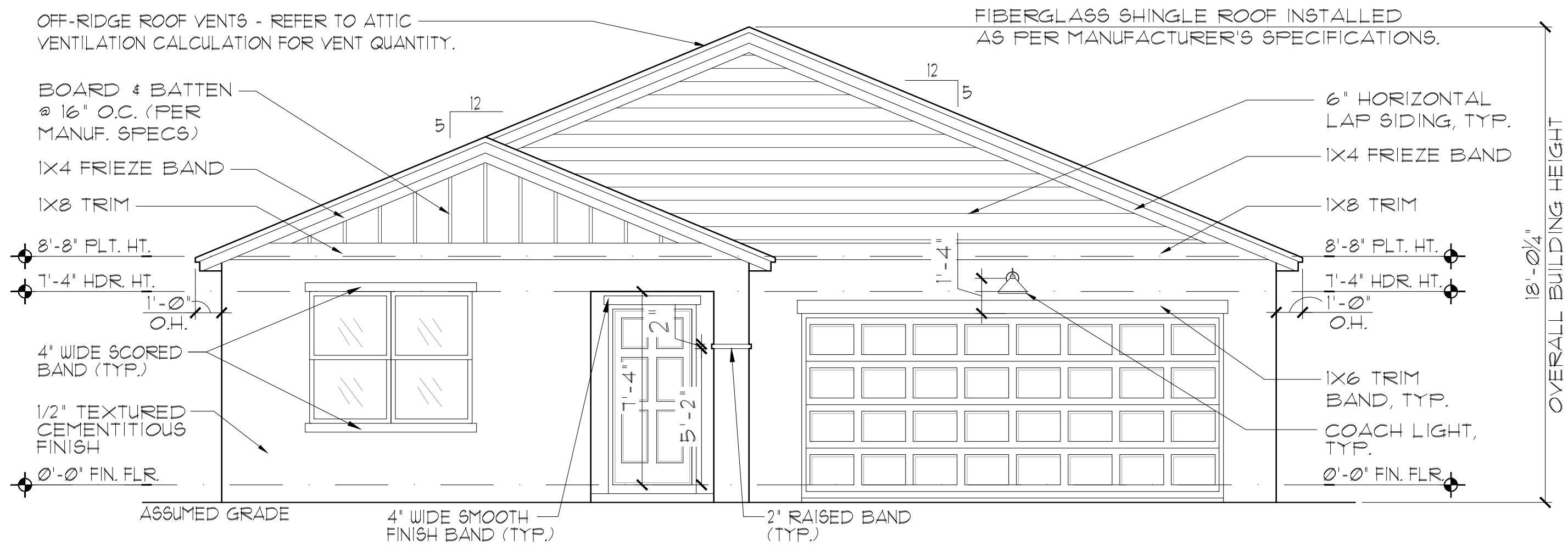
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5200 Vineyard Road, Suite 200
Orlando, Florida 32811
Phone: (407) 529 - 3000

TEG

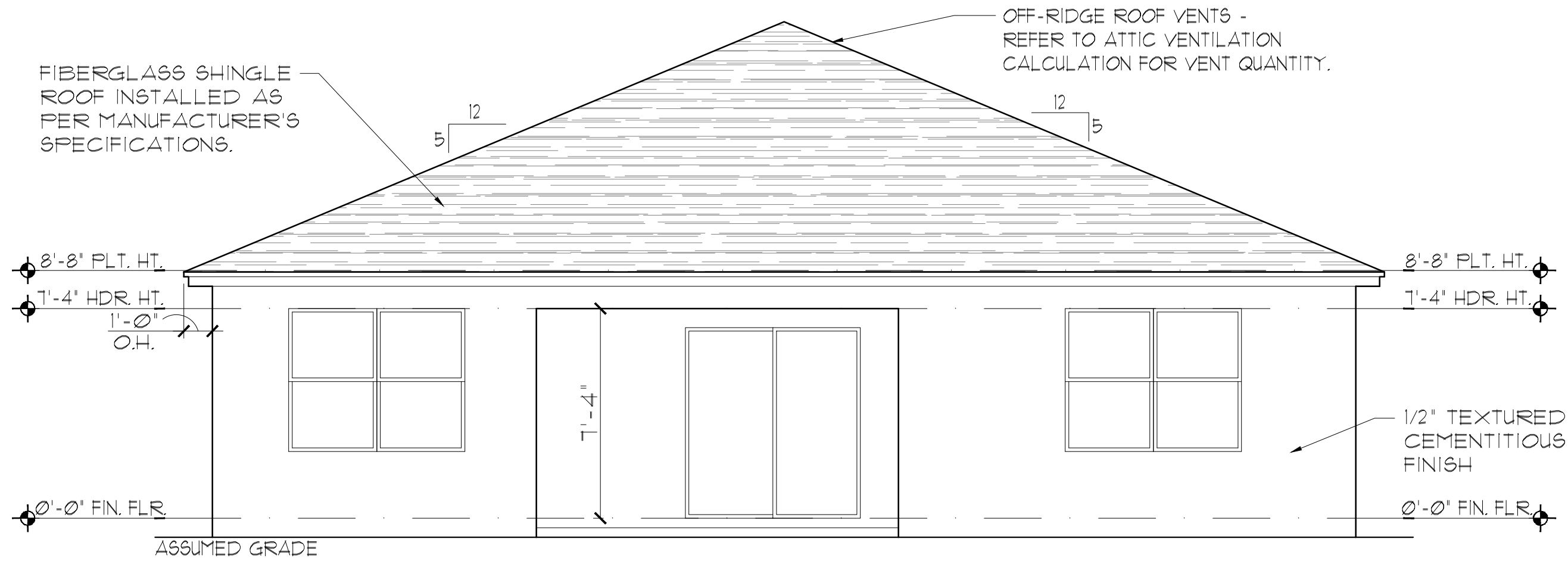
THOMPSON ENGINEERING GROUP, INC.

1401 Vineyard Road, Suite 400 Orlando, FL 32811
PH: (407) 734-1500
WWW.TEGFL.COM



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)

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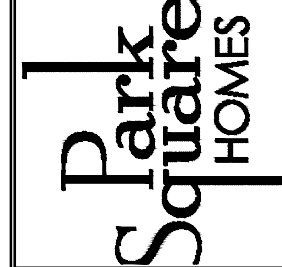
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EXTERIOR ELEVATION
FRONT AND REAR

1860 SKY

40' EXPLORATION SERIES

REVISIONS

DELTA #	DATE
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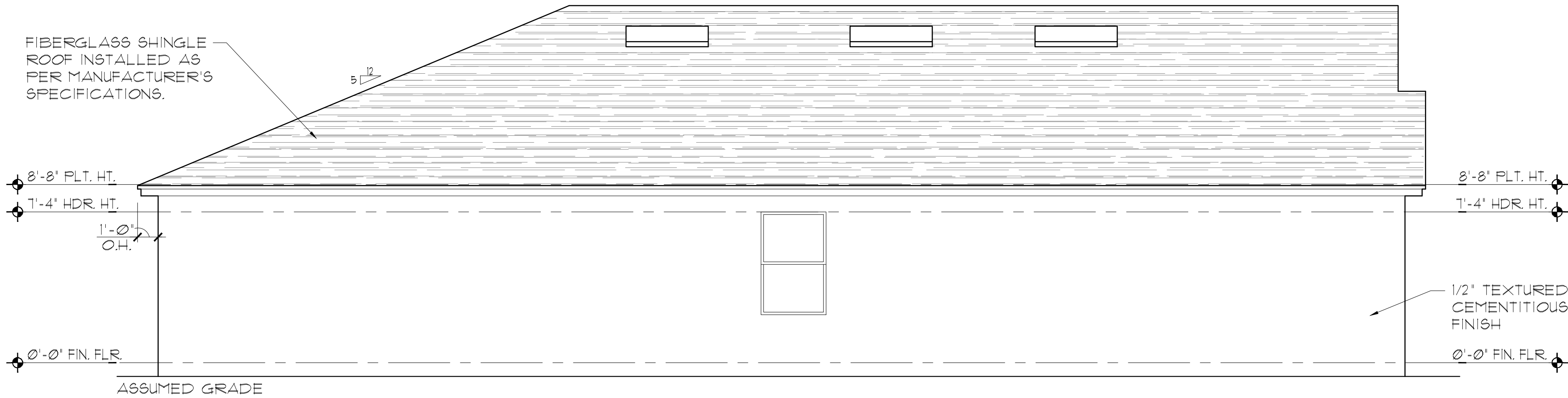
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SCALE:	AS NOTED
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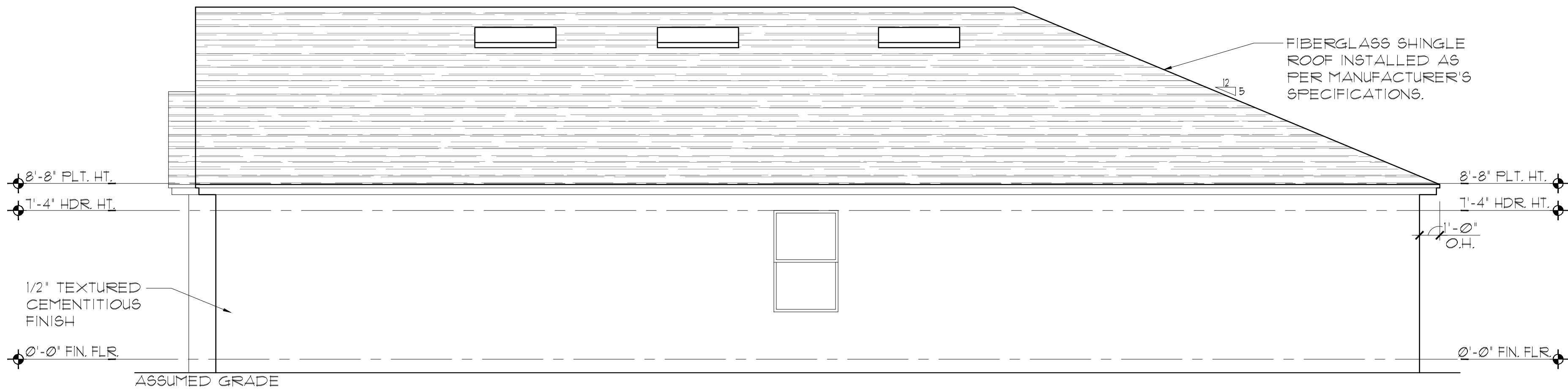
DRAWN:	MR
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SHEET:	
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03.B



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)

EXTERIOR FINISH NOTES

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LOT: 0000, COMMUNITY

REVISIONS

DELTA #	DATE

DATE: 09-11-25

SCALE: AS NOTED

DRAWN: MR

SHEET: 03.1B

1860 SKY

40' EXPLORATION SERIES

EXTERIOR ELEVATION
LEFT AND RIGHT

Park Square HOMES

A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineyard Road, Suite 200
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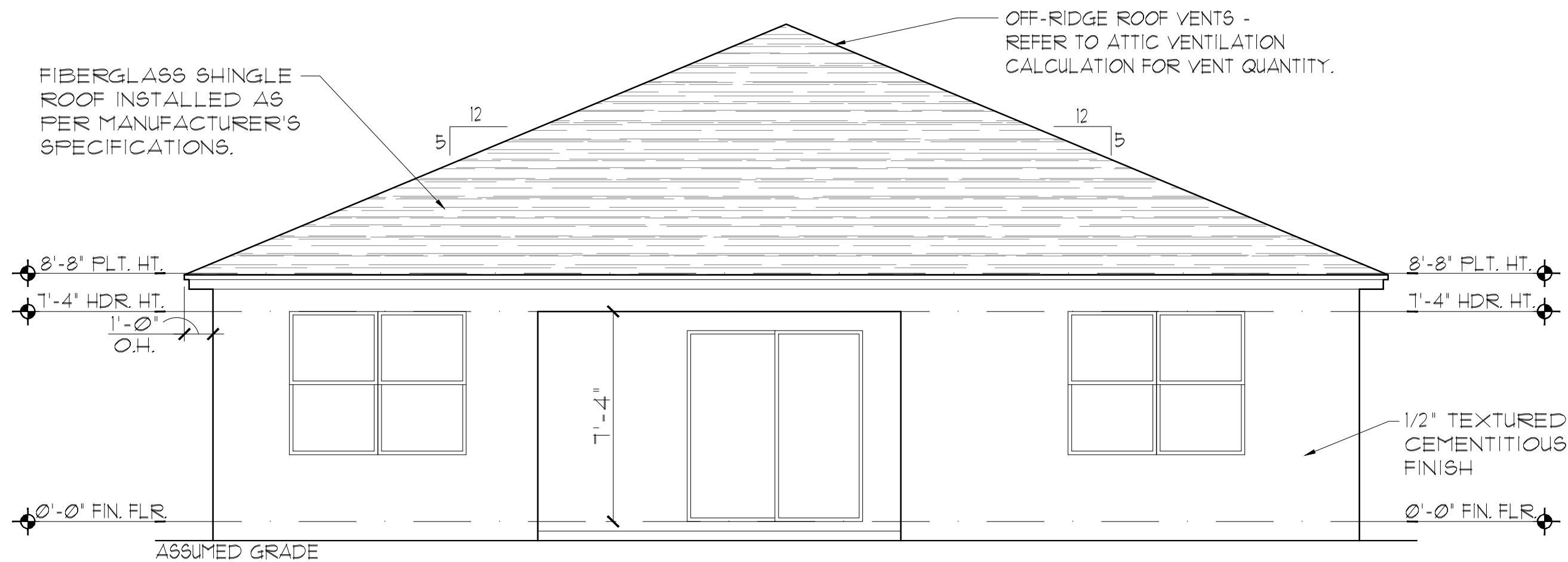
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THOMPSON ENGINEERING GROUP, INC.
1401 Vineyard Road Suite 400 Orlando, FL 32811
PH: (407) 734-1500
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ELEVATION C STD
FRONT ELEVATION

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



ELEVATION C STD
REAR ELEVATION

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

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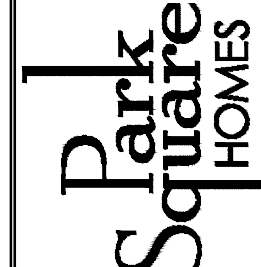
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EXTERIOR ELEVATION
FRONT AND REAR

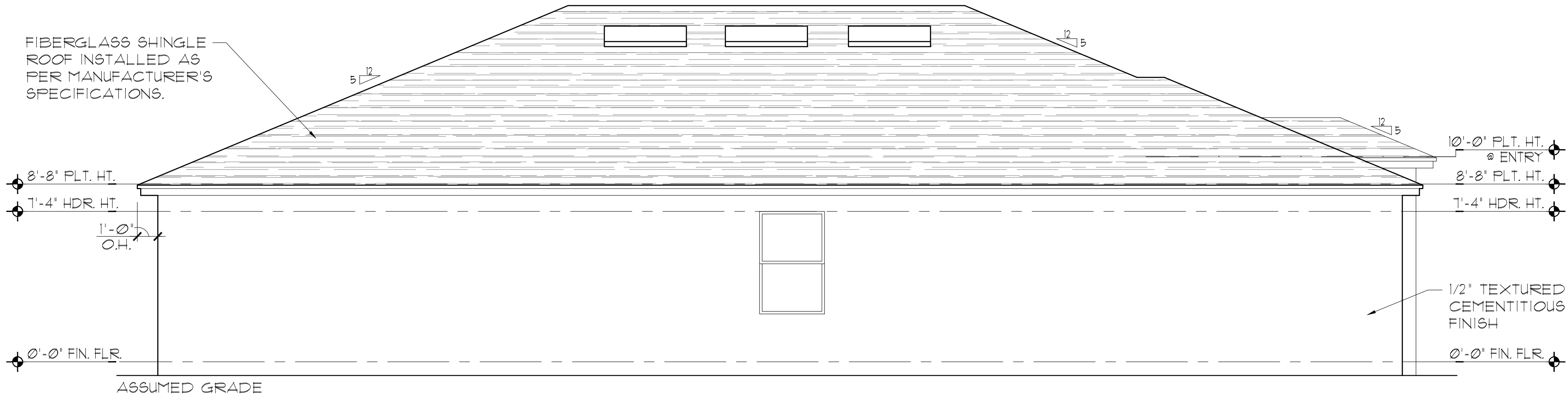
1860 SKY

40' EXPLORATION SERIES

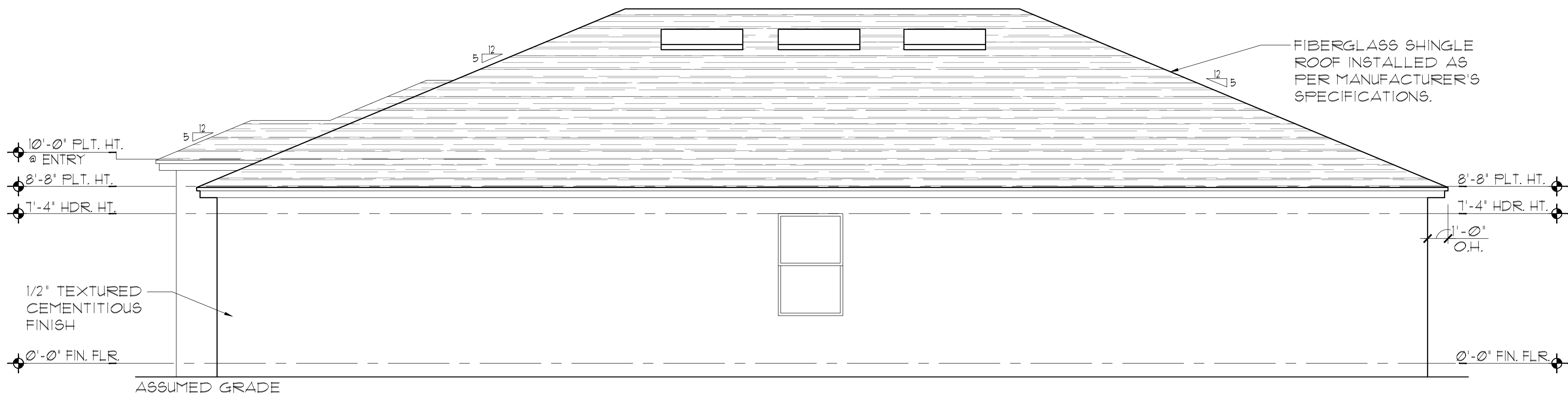
REVISIONS

DELTA #	DATE
DATE:	09-11-25
SCALE:	AS NOTED
DRAWN:	MR
SHEET:	

03.C



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)

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LOT: 0000, COMMUNITY

1860 SKY	
40' EXPLORATION SERIES	
REVISIONS	
DELTA #	DATE
DATE:	09-11-25
SCALE:	AS NOTED
DRAWN:	MR
SHEET:	
03.1C	

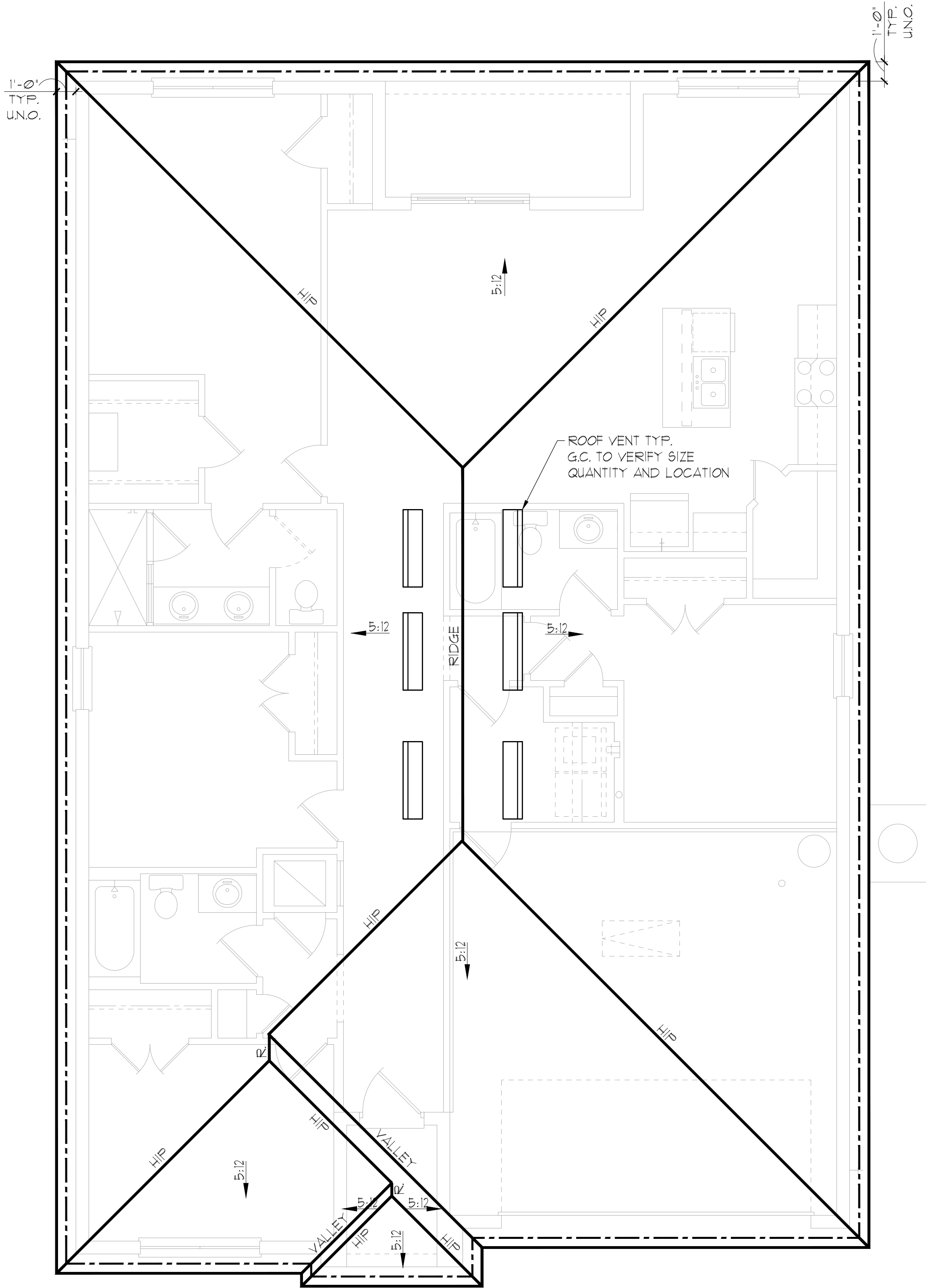
EXTERIOR ELEVATION
LEFT AND RIGHT

Park Square HOMES

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

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THOMPSON ENGINEERING GROUP, INC.
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GENERAL NOTES

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 1/150 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 R206 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

CALCULATIONS BELOW ARE BASED OFF OF THE FOLLOWING ASSUMPTIONS:

OFF RIDGE VENTS TO HAVE A NET FREE VENTILATION AREA OF:

SHINGLE: MILLENNIUM METAL6-MMI-2 = 80.5 SQ. INCHES PER VENT INSTALLED
LOMANCO-T10D = 140 SQ. INCHES PER VENT INSTALLED

[Symbol] INDICATES POSSIBLE LOCATION OF OFF RIDGE VENTS

SOFFIT VENTILATION TO HAVE A NET FREE VENTILATION AREA OF 10 SQ. INCHES PER LINEAR FOOT

[Symbol] INDICATES POSSIBLE LOCATION OF SOFFIT VENTING

ATTIC VENTILATION CALCULATIONS

NET FREE VENTILATED AREA(S):
(OHAGIN- MODEL 'S')
NFVA = 2,404 SQ. FT. x 144 / 300 = 462-511 SQ. IN. REQUIRED (40%-50%)
(5) OFF RIDGE VENTS @ 91.5 SQ. IN. (OHAGIN- MODEL 'S') = 488 SQ. IN. PROVIDED
(MILLENNIUM METAL6- MMI-2)
NFVA = 2,404 SQ. FT. x 144 / 300 = 462-511 SQ. IN. REQUIRED (40%-50%)
(6) OFF RIDGE VENTS @ 80.5 SQ. IN. (MILLENNIUM METAL6- MMI-2) = 483 SQ. IN. PROVIDED
(LOMANCO-T10D)
NFVA = 2,404 SQ. FT. x 144 / 300 = 462-511 SQ. IN. REQUIRED (40%-50%)
(4) OFF RIDGE VENTS @ 140 SQ. IN. (LOMANCO-T10D) = 560 SQ. IN. PROVIDED
+/- 200 LINEAR FEET OF VENTED SOFFIT.

ELEVATION A STD
ROOF PLAN

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

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

1860 SKY

40' EXPLORATION SERIES

REVISIONS

DELTA #	DATE

DATE: 09-11-25

SCALE: AS NOTED

DRAWN: MR

SHEET: 04.A

TEG

THOMPSON ENGINEERING GROUP, INC.

1441 Vineyard Road, Suite A6 Orlando, FL 32811

PH: (407) 734-1500

FAX: (407) 734-1500

www.teg.com

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5200 Vineyard Road, Suite 200

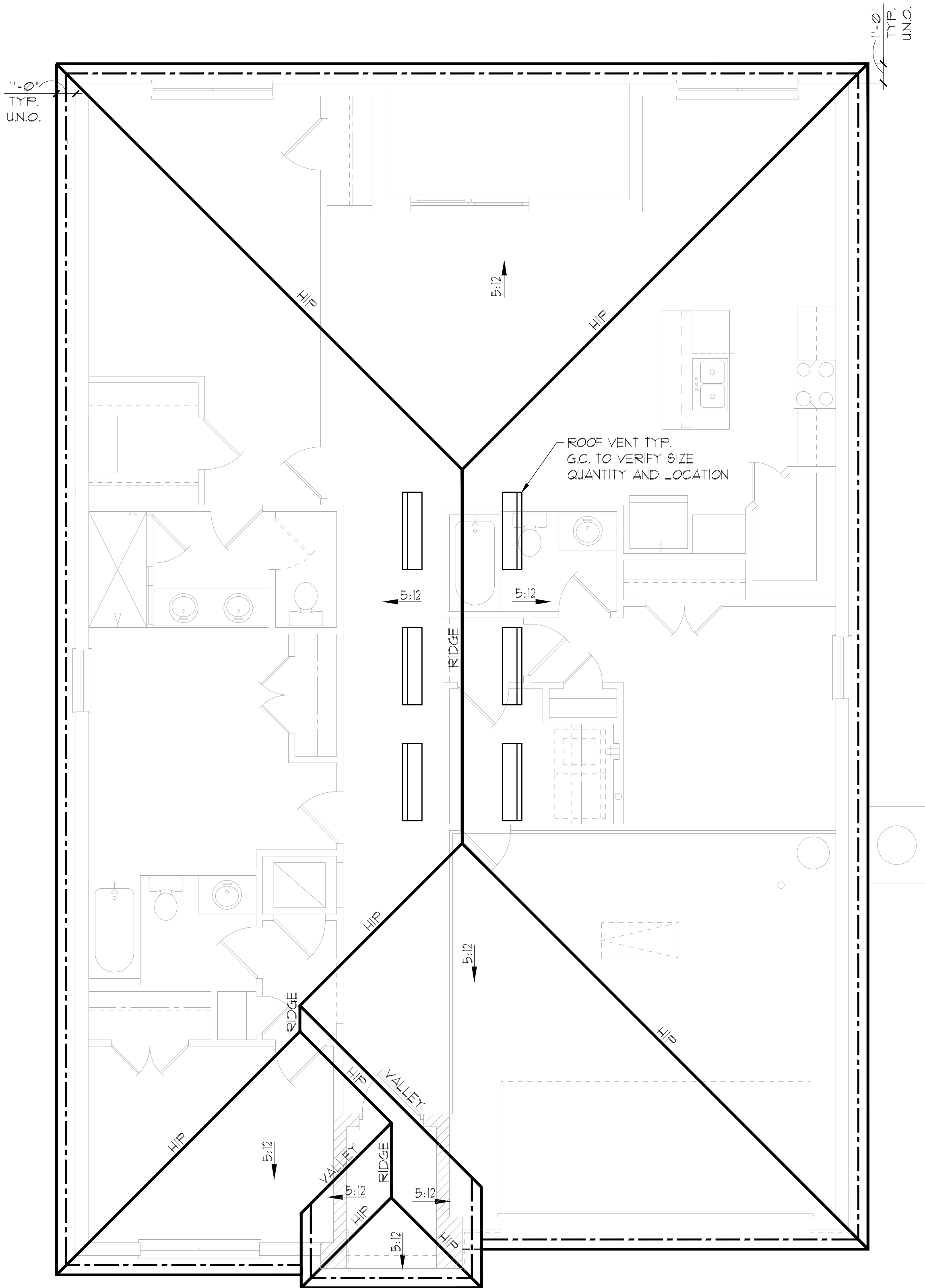
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Phone: (407) 529 - 3000

Park Square HOMES

ROOF PLAN

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LOMANCO-T10D = 140 SQ. INCHES PER VENT INSTALLED

[Symbol] INDICATES POSSIBLE LOCATION OF OFF RIDGE VENTS

SOFFIT VENTILATION TO HAVE A NET FREE VENTILATION AREA OF 10 SQ. INCHES PER LINEAR FOOT

[Symbol] INDICATES POSSIBLE LOCATION OF SOFFIT VENTING

ATTIC VENTILATION CALCULATIONS

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NFVA = 2,404 SQ. FT. x 144 / 300 = 462-511 SQ. IN. REQUIRED (40%-50%)
(5) OFF RIDGE VENTS @ 91.5 SQ. IN. (OHAGIN- MODEL 'S') = 488 SQ. IN. PROVIDED
(MILLENNIUM METAL6- MMI-2)
NFVA = 2,404 SQ. FT. x 144 / 300 = 462-511 SQ. IN. REQUIRED (40%-50%)
(6) OFF RIDGE VENTS @ 80.5 SQ. IN. (MILLENNIUM METAL6- MMI-2) = 483 SQ. IN. PROVIDED
(LOMANCO-T10D)
NFVA = 2,404 SQ. FT. x 144 / 300 = 462-511 SQ. IN. REQUIRED (40%-50%)
(4) OFF RIDGE VENTS @ 140 SQ. IN. (LOMANCO-T10D) = 560 SQ. IN. PROVIDED
+/- 200 LINEAR FEET OF VENTED SOFFIT.

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

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

1860 SKY

40' EXPLORATION SERIES

REVISIONS

DELTA #	DATE

DATE: 09-11-25

SCALE: AS NOTED

DRAWN: MR

SHEET: 04.C

TEG

THOMPSON ENGINEERING GROUP, INC.

1441 Vineyard Road, Suite A6 Orlando, FL 32811

PH: (407) 734-1500

FAX: (407) 734-1500

www.teg.com

A DIVISION OF PARK SQUARE ENTERPRISES, INC.

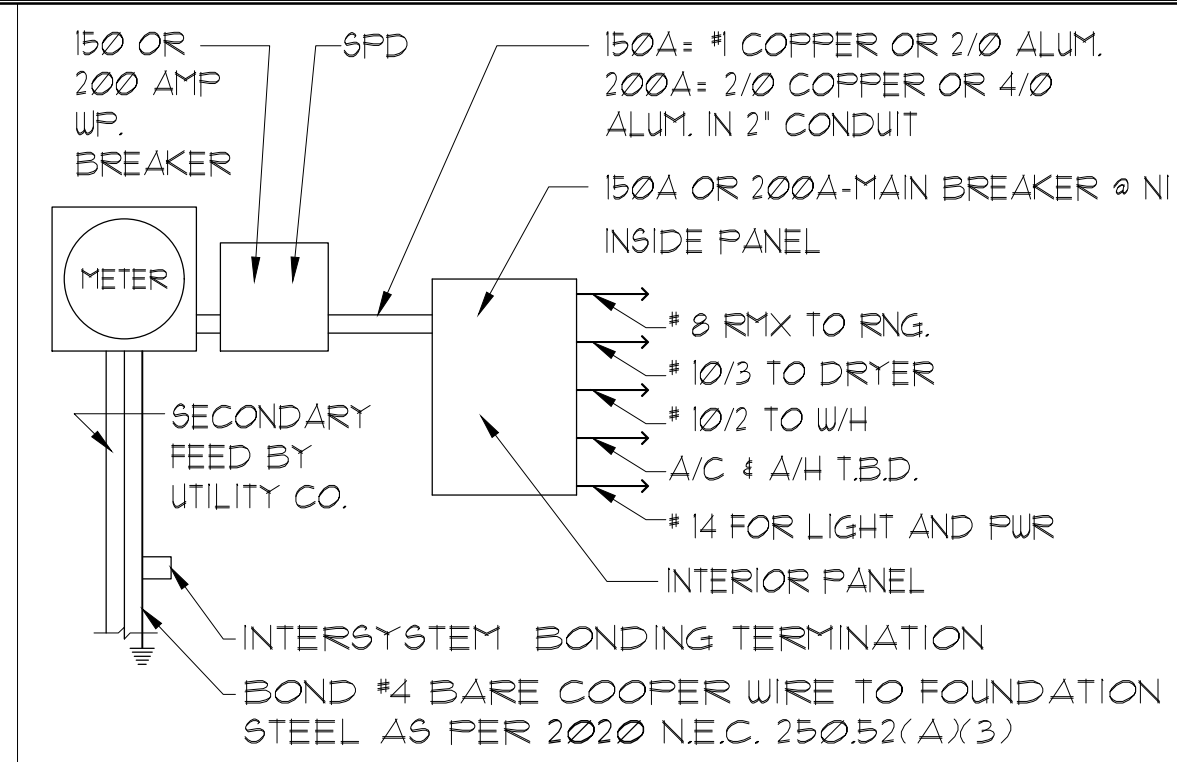
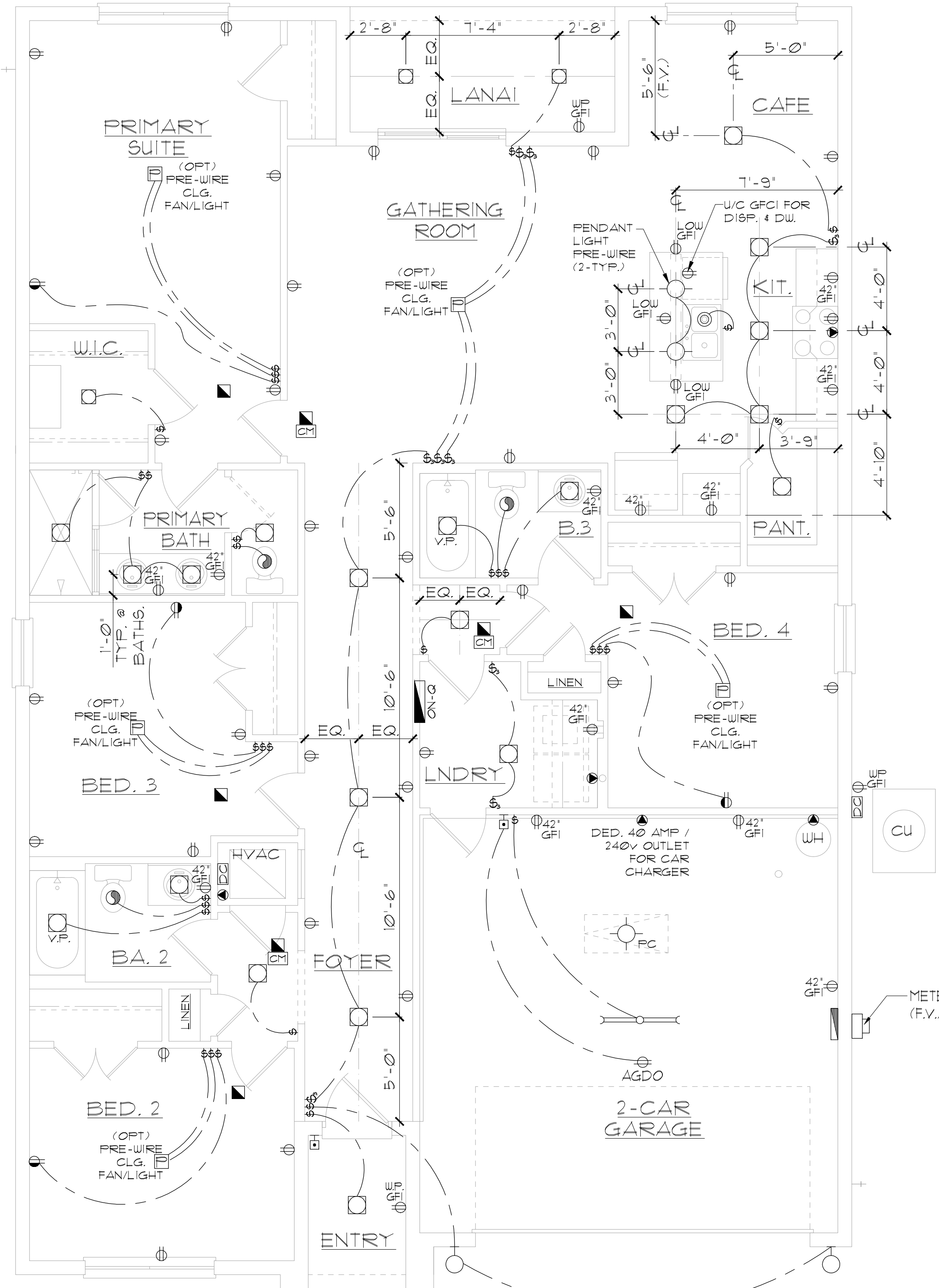
5200 Vineyard Road, Suite 200 Orlando, Florida 32811

Phone: (407) 529 - 3000

ROOF PLAN

Park Square HOMES

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.



ELECTRICAL RISER DIAGRAM
N.T.S.

NOTES:
1. 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.
2. ALL SERVICES SUPPLYING DUELLING UNITS SHALL BE PROVIDED WITH A SURGE-PROTECTION DEVICE (SPD) THE SPD SHALL BE A TYPE 1 OR TYPE 2 SPD.
3. 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.

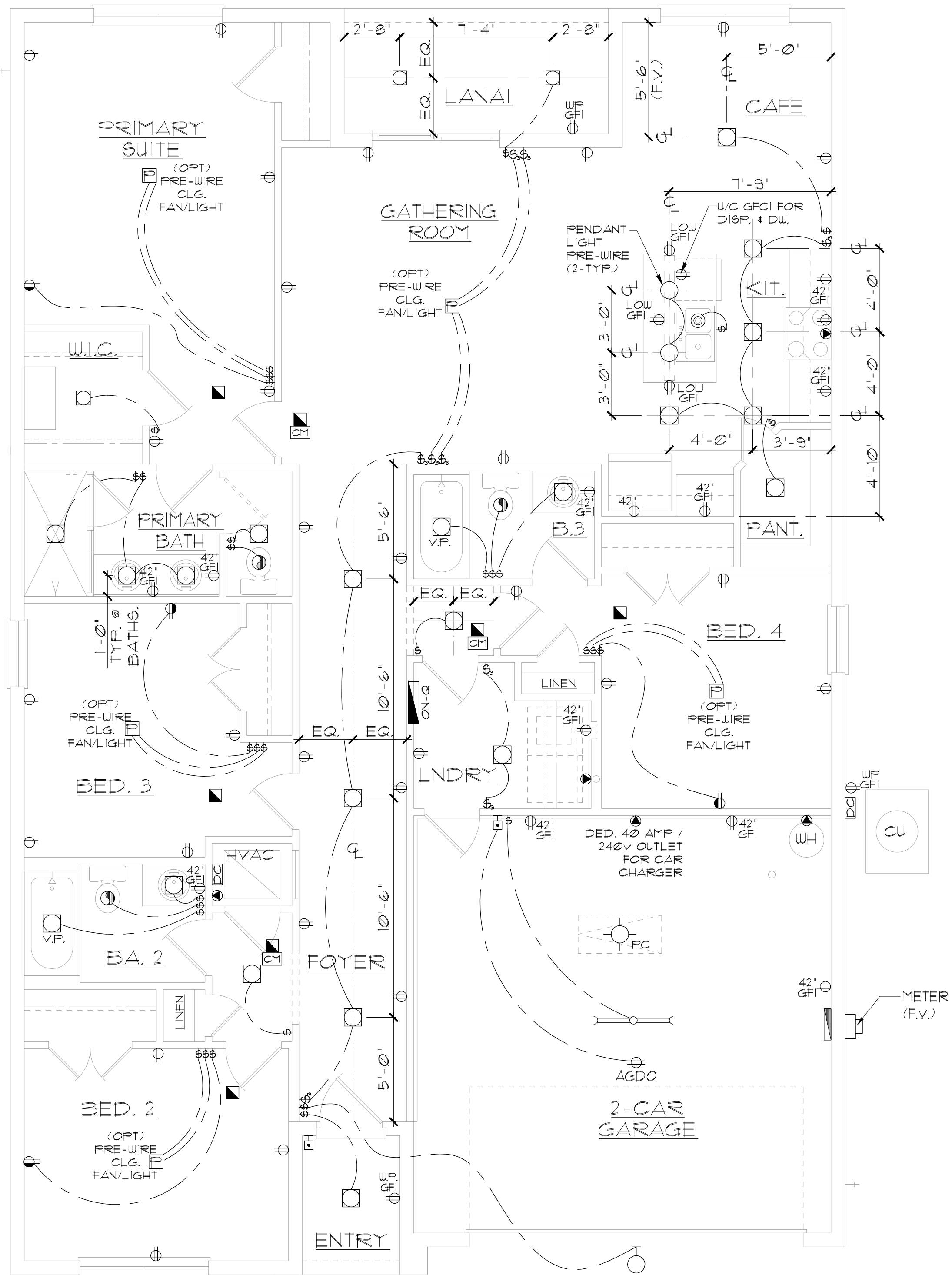
ELECTRICAL LEGEND		
⌚	SINGLE POLE SWITCH	◀ OUTLET, PHONE
⌚	THREE WAY SWITCH	◻ INTERCOM
⊖	OUTLET 110-115	⊞ CHIMES
⊖	OUTLET 110-115, SPLIT WIRED	⚠ SMOKE DETECTOR/SMOKE ALARM W/ INTEGRATED SOUNDER BASE
⊖	OUTLET 110-115, W/ USB	☑ CARBON MONOXIDE
⊖	OUTLET 110-115, CEILING MOUNTED	⊞ PUSH BUTTON
⊖	OUTLET 110-115, 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 CL.	
REMAINING SWITCHES		48" TO CL.	
WALL OUTLETS		12" TO CL.	
TELEPHONE OUTLETS		12" TO CL.	
TELEVISION OUTLETS		12" TO CL.	
EXTERIOR GFI'S		12" TO CL.	
GARAGE GFI'S (ABOVE GARAGE FLOOR)		48" TO CL.	
THERMOSTAT		54" TO CL.	
DOOR BELL CHIMES		84" TO CL.	
DOOR BELL BUTTON		84" TO CL.	
KITCHEN HOOD FAN "WHIP"		LEVEL W/ DOOR HANDLE	
KITCHEN WALL HUNG MICROWAVE RECEPTACLE		66" TO CL.	
KITCHEN DISHWASHER RECEPTACLE		16" TO CL.	
KITCHEN RANGE		UNDER SINK	
KITCHEN REFRIGERATOR		24" TO CL.	
WASHER/DRYER OUTLET		48" TO CL.	
HOLLYWOOD LIGHTS		36" TO CL.	
		84" TO CL.	

CL. = CENTER LINE

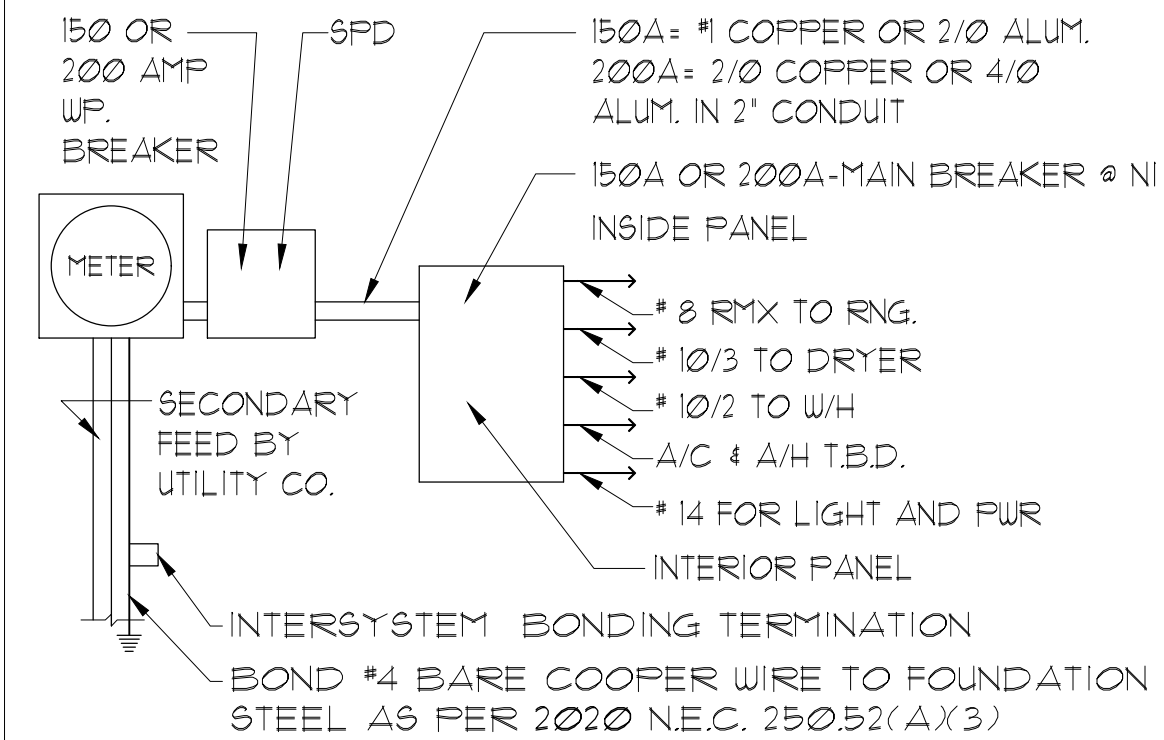
NOTE: SEE FINAL COLOR SHEET FOR TV, FANS & PHONE LOCATIONS
NOTE: ELEC. CONTRACTOR TO VERIFY IF ON-Q IS NEEDED PER COMMUNITY SPECS.

ELEVATION A & C STD
UTILITY PLAN
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



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.

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ELECTRICAL LEGEND

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⌚	THREE WAY SWITCH	◻	INTERCOM
⊖	OUTLET 110-115	⊞	CHIMES
⊖	OUTLET 110-115, SPLIT WIRED	⊞	SMOKE DETECTOR/SMOKE ALARM W/ INTEGRATED SOUNDER BASE
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▶	SPECIAL PURPOSE 220-240	⊞	EXHAUST FAN
⊙	LIGHT FIXTURE, CEILING MOUNTED	⊞	EX. FAN/LIGHT COMBO
⊙	LIGHT FIXTURE, WALL MOUNTED	⊞	DISPOSAL
⊞	LED LIGHT FIXTURE, RECESSED	⊞	ON-Q PANEL
⊞	LIGHT FIXTURE, RECESSED ADJUST.	⊞	ELECTRICAL PANEL
⊞	LIGHT FIXTURE, PULL CHAIN	⊞	CEILING FAN, PREWIRE
⊞	LED LIGHT FIXTURE, FLUORESCENT	⊞	CEILING FAN, INSTALL
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⊞	LIGHT FIXTURE, EMERGENCY EXIT	⊞	THERMOSTAT
⊞	LIGHT FIXTURE, EXIT/BACKUP	⊞	DISCONNECT SWITCH
⊞	OUTLET, TV/CABLE	⊞	ELEC. POWER METER

ELECTRICAL DEVICES ABOVE FIN. FLR.

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KITCHEN RANGE	24" TO CL.
KITCHEN REFRIGERATOR	48" TO CL.
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HOLLYWOOD LIGHTS	84" TO CL.

CL. = CENTER LINE

ELEVATION B STD
UTILITY PLAN

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

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

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1860 SKY

40' EXPLORATION SERIES

REVISIONS

DELTA #	DATE

DATE: 09-11-25

SCALE: AS NOTED

DRAWN: M/R

SHEET: 1

ITEG

THOMPSON ENGINEERING GROUP, INC.

4441 Vineland Road Suite A6 Orlando, FL 32811

Ph: (407) 734-1780

Fax: (407) 734-1780

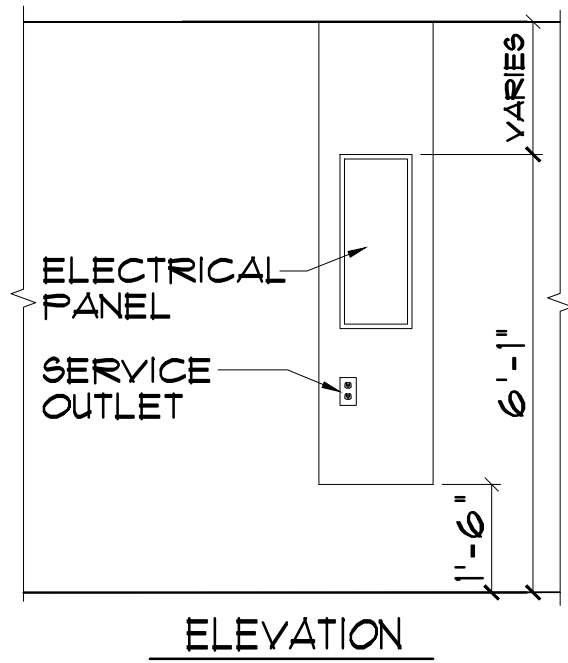
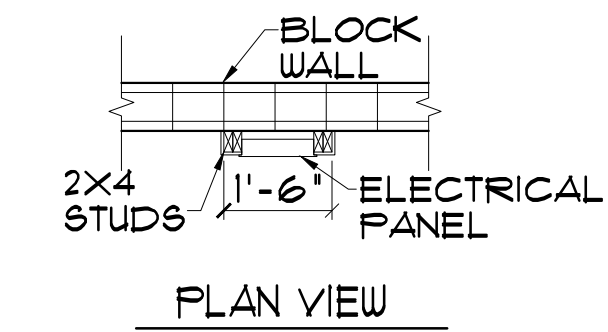
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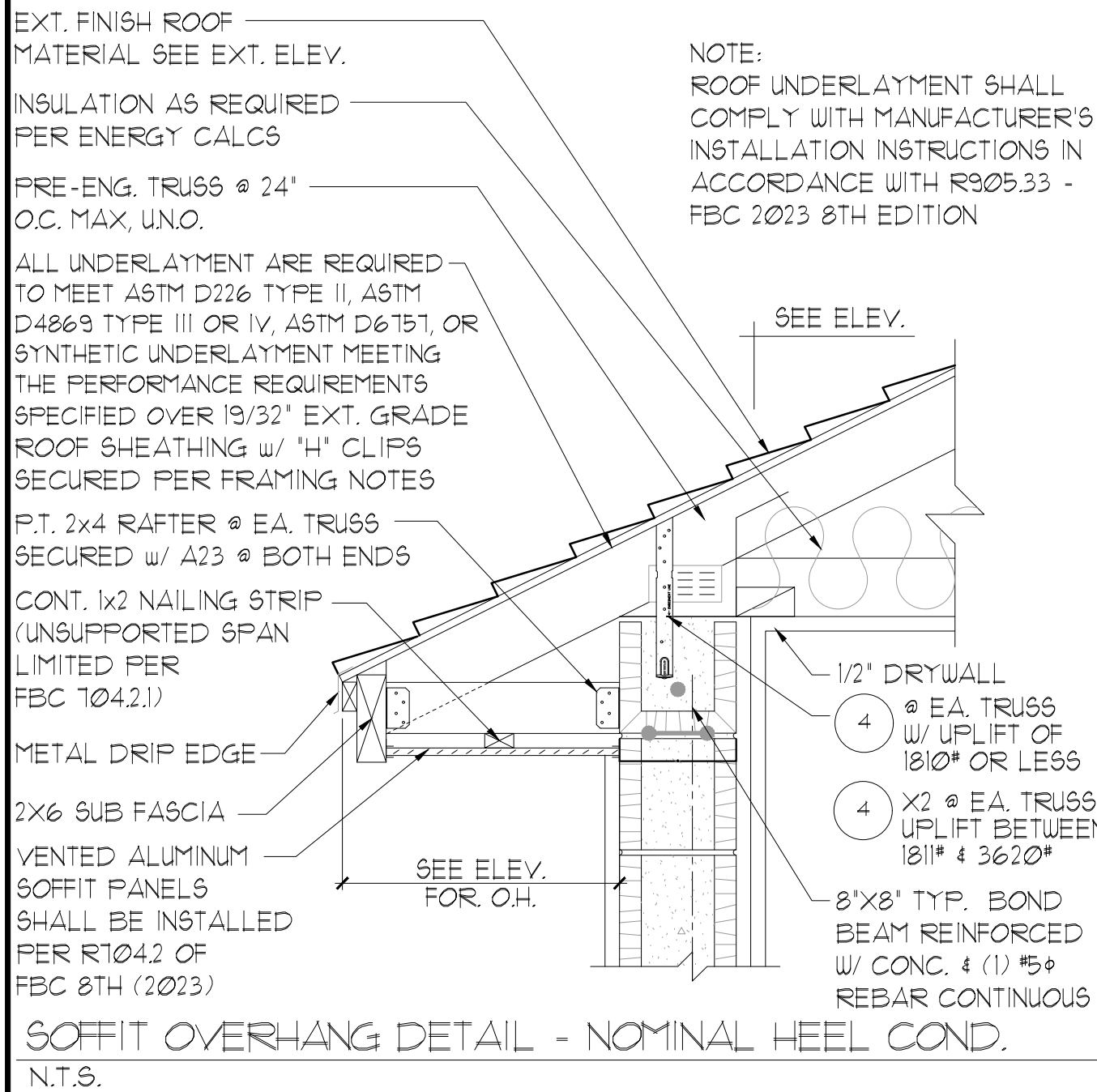
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Orlando, Florida 32811

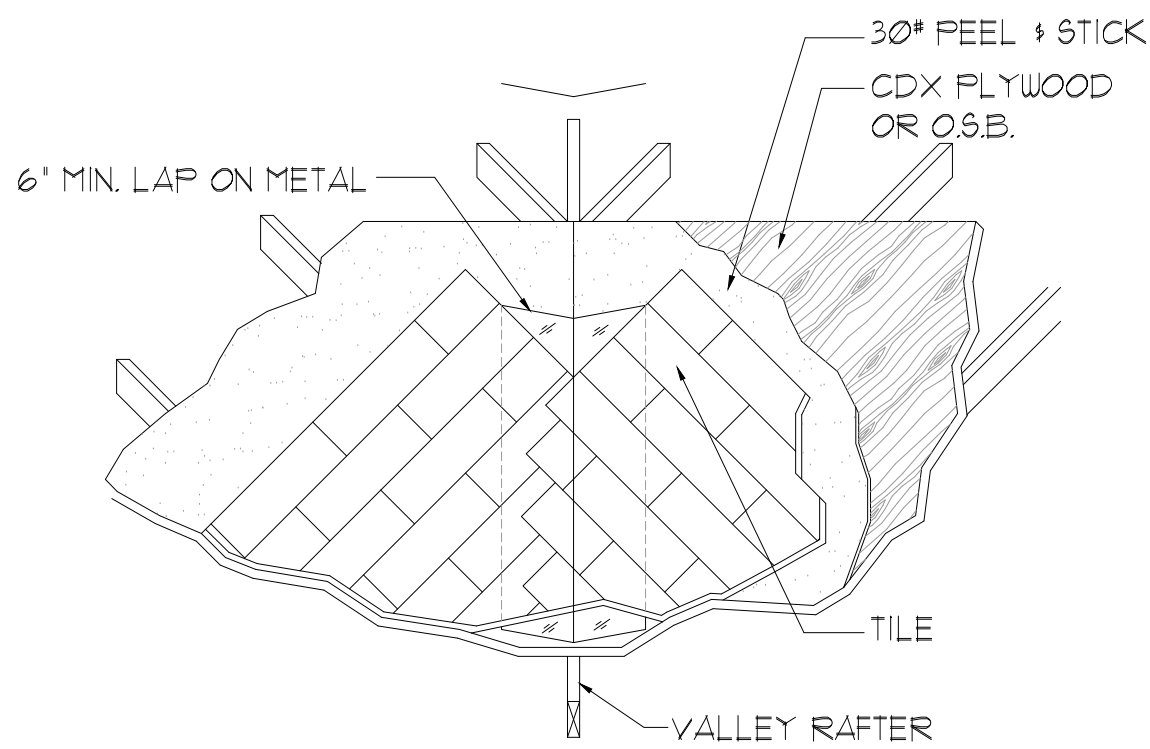
Phone: (407) 529 - 3000



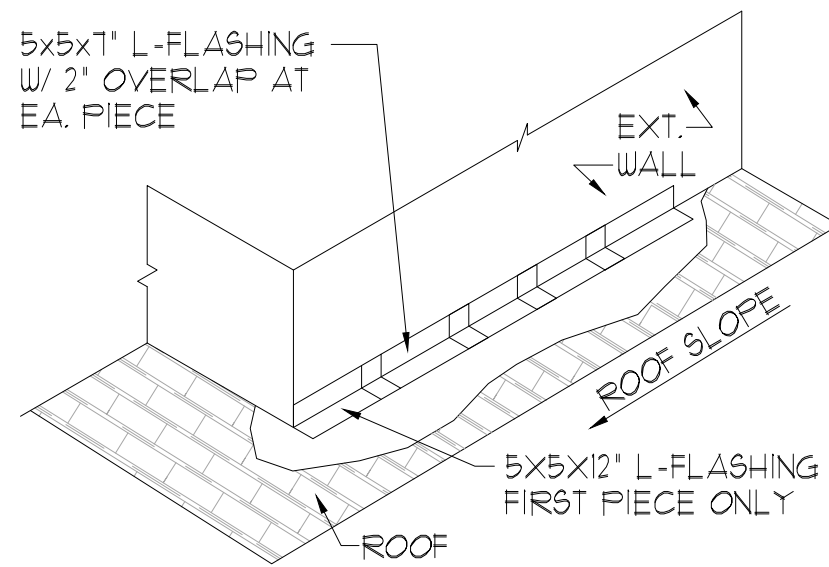
ELEC. PANEL DETAIL
N.T.S.



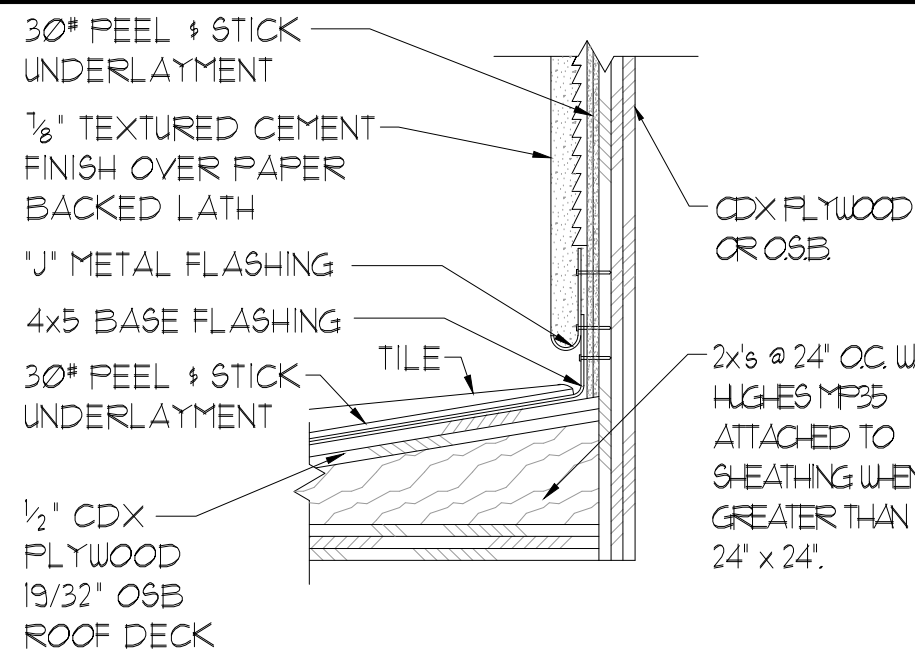
SOFFIT OVERHANG DETAIL - NOMINAL HEEL COND.
N.T.S.



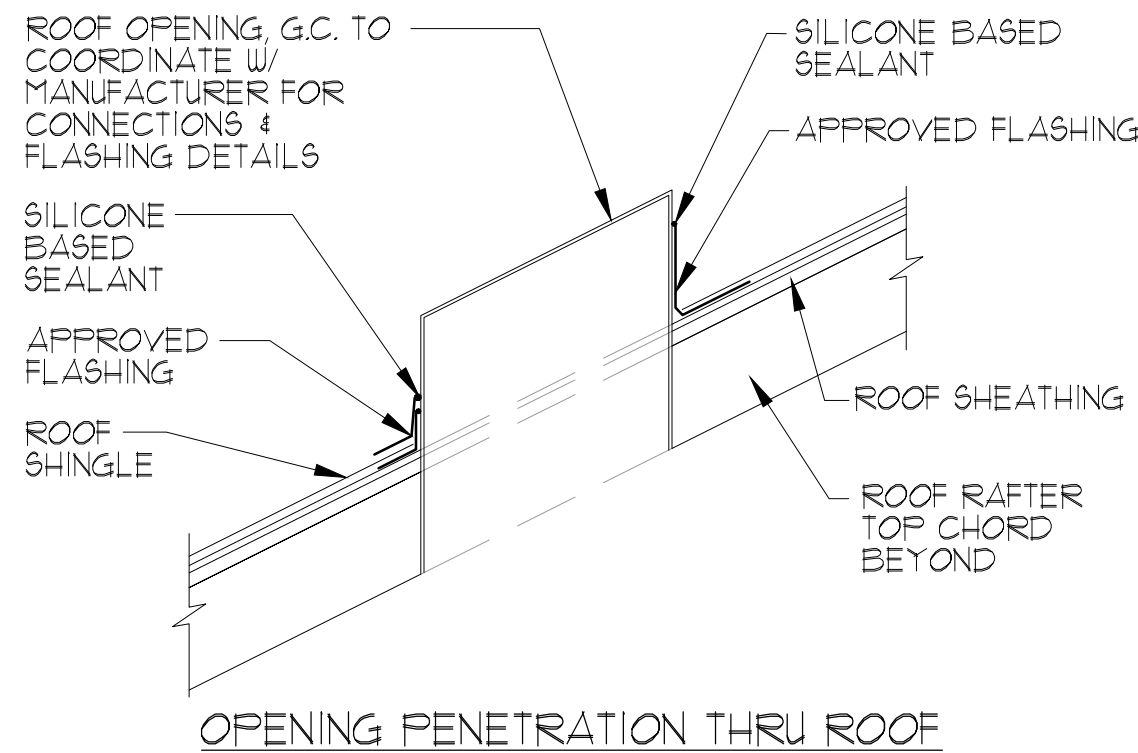
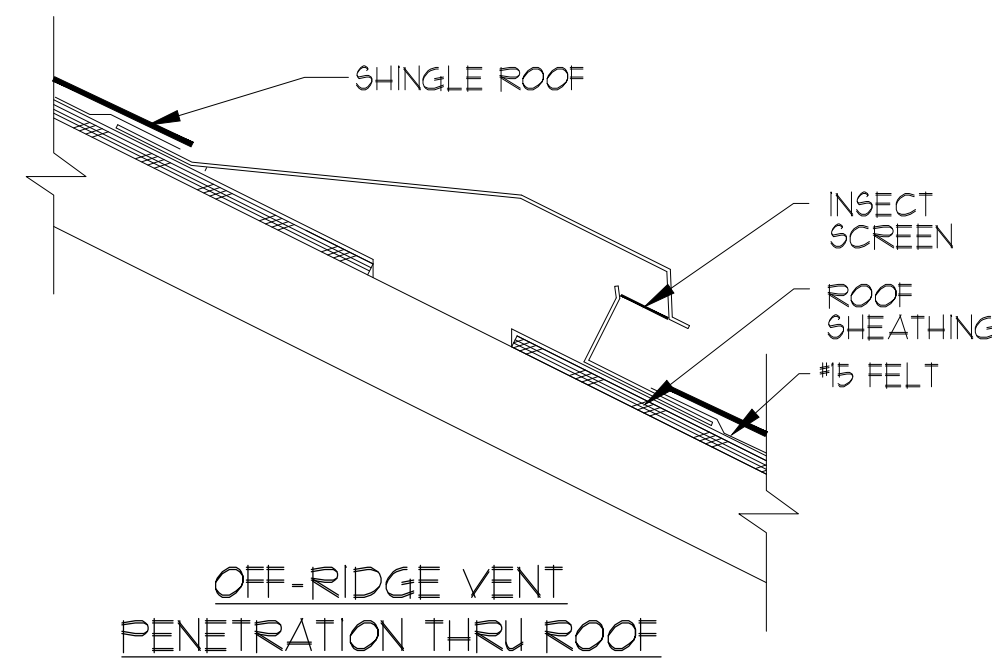
VALLEY FLASHING DETAIL
R303.2 Locations. N.T.S.
Flashings shall be installed at wall and roof intersections, wherever there is a change in roof slope or direction and around roof openings. Where flashing is of metal, the metal shall be corrosion resistant with a thickness of not less than provided in Table R303.2.1. OR IN COMPLIANCE WITH RA3 III.



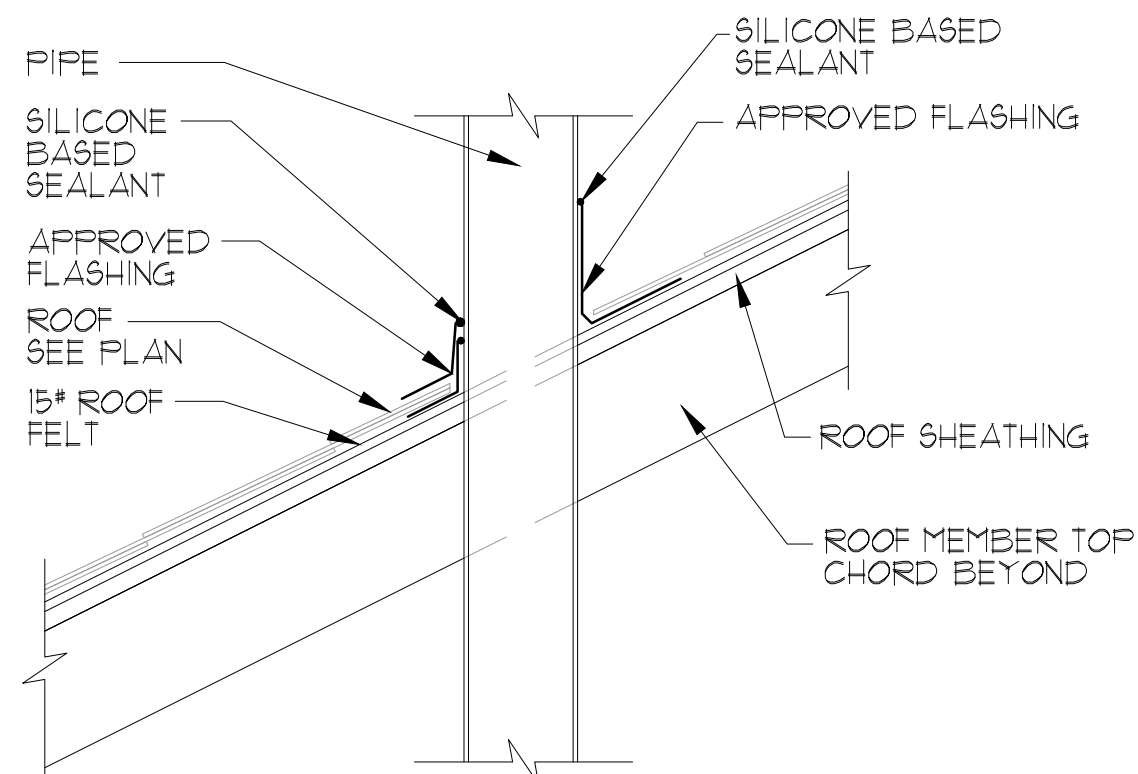
FLASHING DETAIL TO COMPLY WITH
R303.2 OF THE FBC 2023 - 8TH ED.
STEP WALL FLASHING
N.T.S.



ROOF TO WALL FLASHING DETAIL
N.T.S.



OPENING PENETRATION THRU ROOF



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

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LOT: 000, COMMUNITY

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

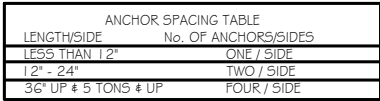
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THOMPSON ENGINEERING GROUP, INC.
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ENTERPRISES, INC.
5200 Vineland Road, Suite 200
Orlando, Florida 32811
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Park Square
HOMES

DETAILS

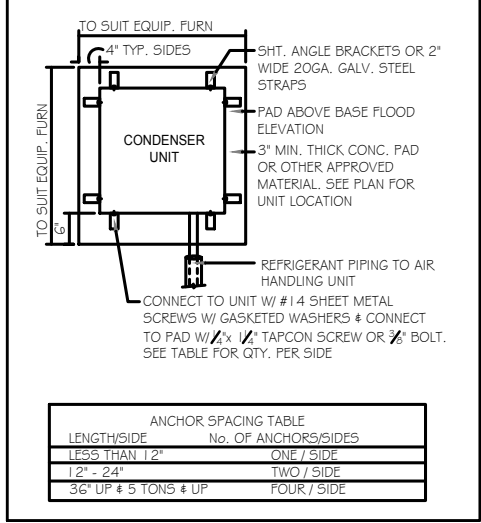
DETAILS



1.  CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
2.  DENOTES FILL CELL REIN. W/ CONC. W/ 1- #5 REBAR. GRADE GO. DENOTES FILL CELL RE NE_ W/ CONC. W/ 2-#5 REBAR. GRADE GO.
3.  DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2,500 P.S.I. 4" THICK WITH GGG 1/10 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.
4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPER-VISOR FOR CLARIFICATION.
5. WATER HEATER T&P RELIEF VALVE SHALL E FULL SIZE TO EXTERIOR. WATER HEATER AT OR ABOVE FLOOR LEVEL G 1- 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 TERMITE 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.

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

S



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 ETP 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.

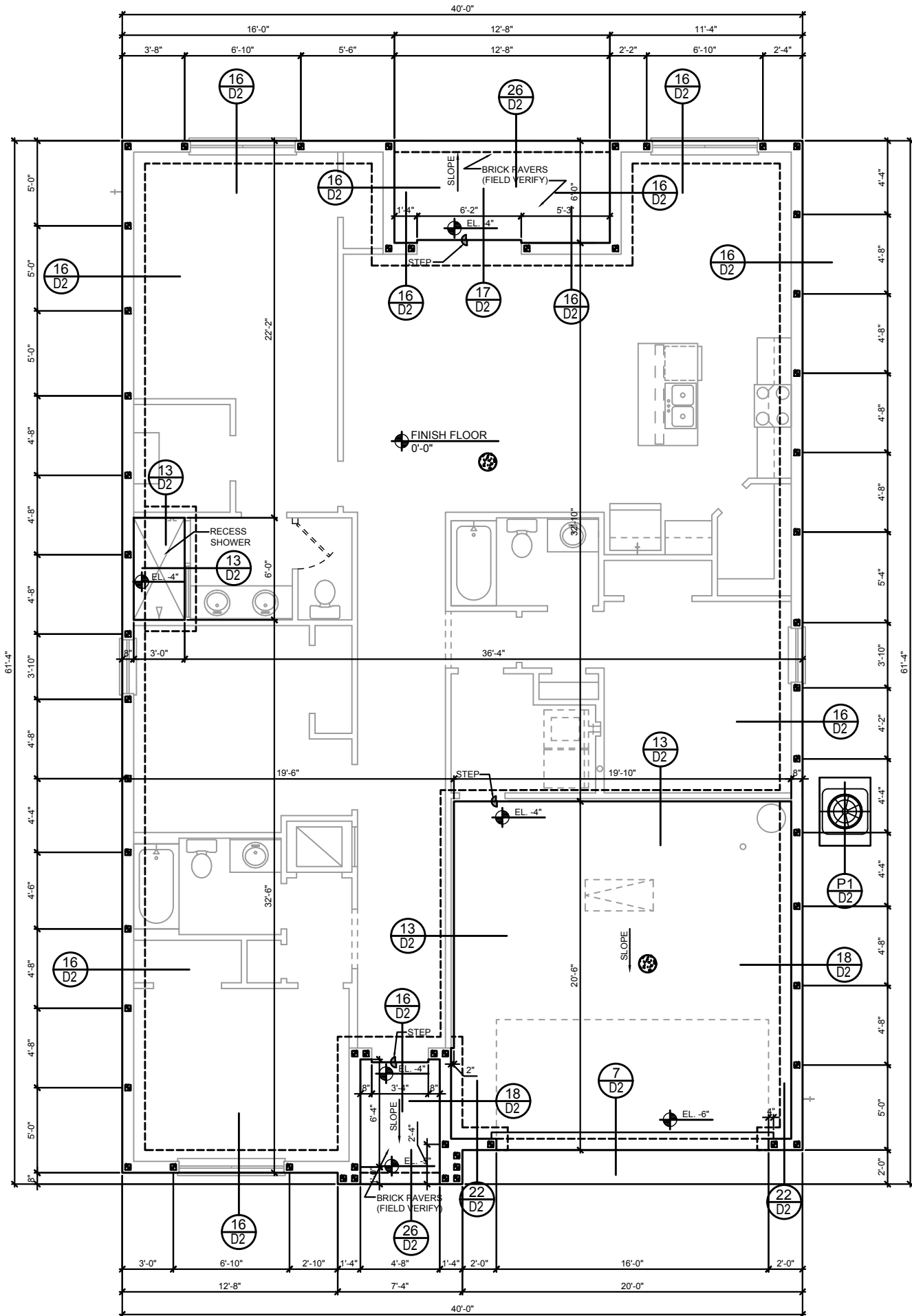
3- PENETRATION OF PLUMBING PIPES/DRYER VENTS THRU PLATES OF A LOAD BEARING WALL MAY OCCUR PROVIDED DBL. STUDS ARE ADDED ON EITHER SIDE OF PENETRATION WITHIN 3" AND TRUSS/FLOOR TRUSS IS NO CLOSER THAN 3" FROM PENETRATION. ADD (1) MT512 @ TOP AND BOTTOM PLATE.

VERIFICATION OF FIELD CONDITIONS:

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.

FOUNDATION NOTES

- CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
- ⊙ DENOTES FILL CELL REINF. W/ CONC. W/ 1- #5 REBAR. GRADE 60. ⊖ DENOTES FILL CELL RE INF. W/ CONC. W/ 2-#5 REBAR. GRADE 60.
- ⊙ 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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FOUNDATION PLAN

A (STANDARD)
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LOT: 0000, COMMUNITY

1860 SKY

40' EXPLORATION SERIES

REVISIONS

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DRAWN: MR

SHEET: S1

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SHEET: S1

1860 SKY

40' EXPLORATION SERIES

REVISIONS

DELTA #	DATE
03	11-25

DATE: 03-11-25

SCALE: AS NOTED

DRAWN: MR

SHEET: S1

1860 SKY

40' EXPLORATION SERIES

REVISIONS

DELTA #	DATE
03	11-25

DATE: 03-11-25

SCALE: AS NOTED

DRAWN: MR

SHEET: S1

1860 SKY

40' EXPLORATION SERIES

REVISIONS

DELTA #	DATE
03	11-25

DATE: 03-11-25

SCALE: AS NOTED

DRAWN: MR

SHEET: S1

1860 SKY

40' EXPLORATION SERIES

REVISIONS

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03	11-25

DATE: 03-11-25

SCALE: AS NOTED

DRAWN: MR

SHEET: S1

1860 SKY

40' EXPLORATION SERIES

REVISIONS

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1860 SKY

40' EXPLORATION SERIES

REVISIONS

DELTA #	DATE
03	11-25

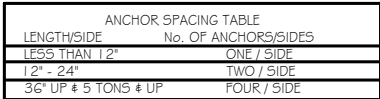
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SCALE: AS NOTED

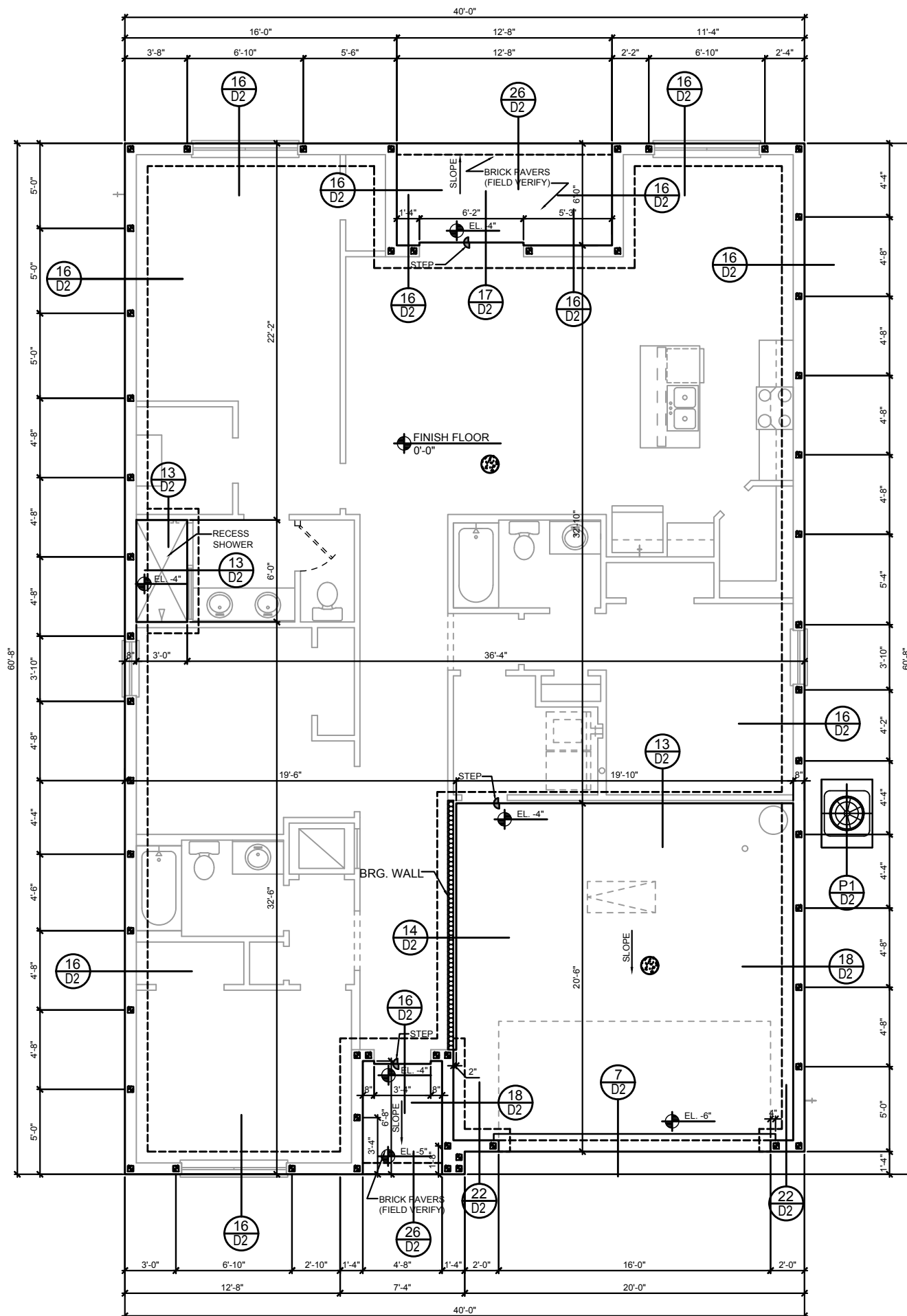
DRAWN: MR

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.



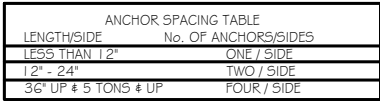
1.  CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
2.  DENOTES FILL CELL REINF. W/ CONC. W/ 1- #5 REBAR. GRADE GO. DENOTES FILL CELL RE_NE_ W/ CONC. W/ 2-#5 REBAR. GRADE GO.
3.  DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2,500 P.S.I. 4" THICK WITH GGG 1/10 GAUGE REINFORCING MAT. W/ MIN. 0.006mm (6mil) POLYETHYLENE 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.
4. NOT TO SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPER-VISOR FOR CLARIFICATION.
5. WATER HEATER T&P 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 TERMITE 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.



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

REVISIONS	
DELTA #	DATE
DATE: 03-11-	
SCALE: AS NOTED	
DRAWN: M	
SHEET:	
S1	

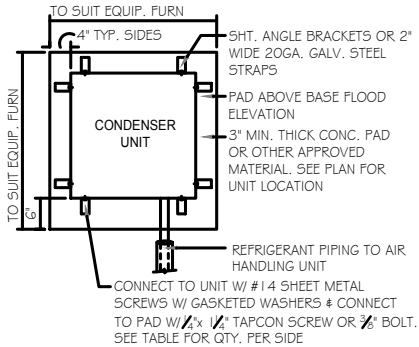
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A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 529-3000 Fax: (407) 724-1780 www.itsg.com	
FOUNDATION PLAN 1860 SKY	
40' EXPLORATION SERIES	
REVISIONS	
DELTA #	DATE
DATE:	03-11
SCALE: AS NOTED	
DRAWN:	1
SHEET:	



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 ETP 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.

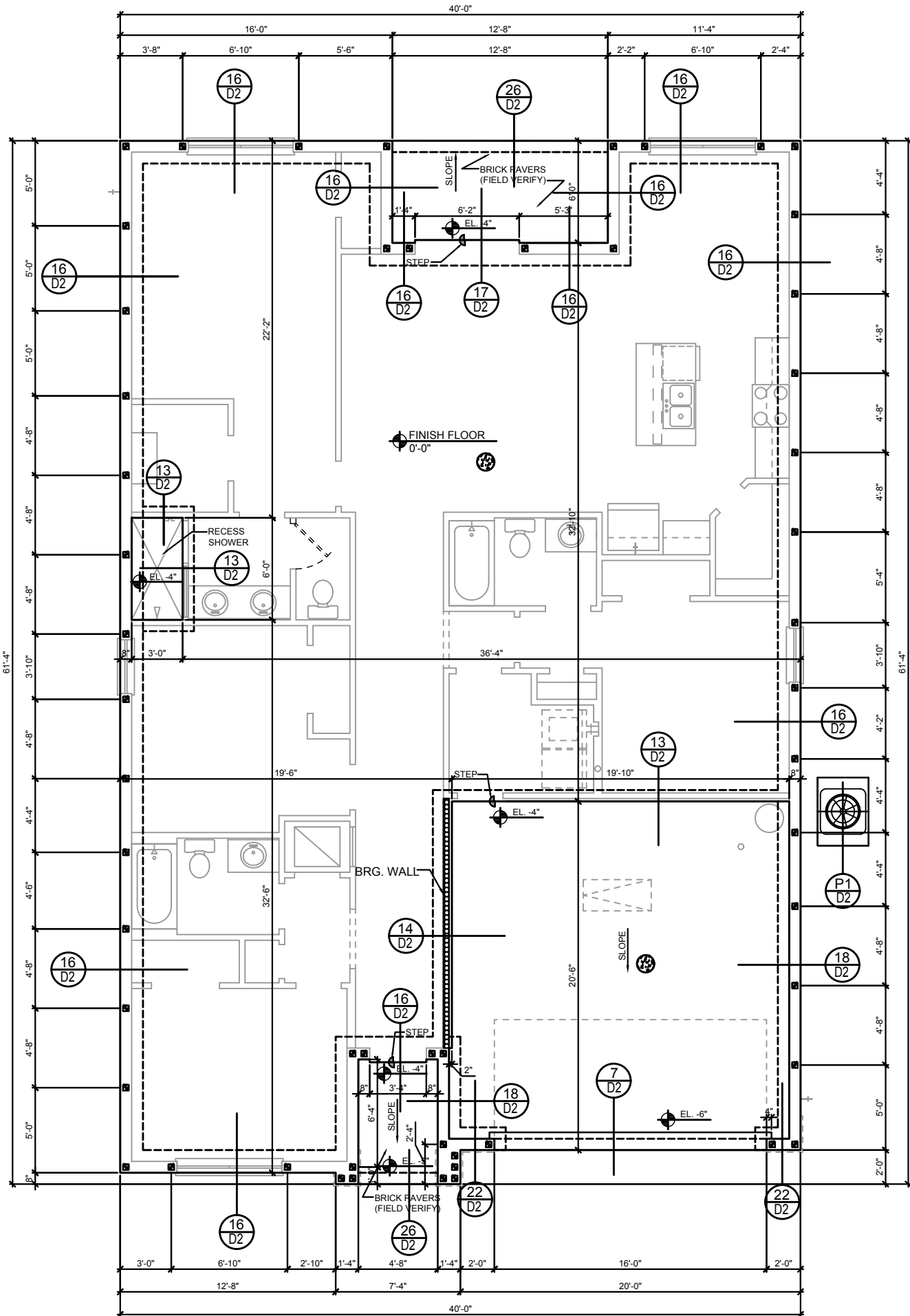
3- PENETRATION OF PLUMBING PIPES/DRYER VENTS THRU PLATES OF A LOAD BEARING WALL MAY OCCUR PROVIDED DBL. STUDS ARE ADDED ON EITHER SIDE OF PENETRATION WITHIN 3" AND TRUSS/FLOOR TRUSS IS NO CLOSER THAN 3" FROM PENETRATION. ADD (1) MT512 @ TOP AND BOTTOM PLATE.

VERIFICATION OF FIELD CONDITIONS:

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.

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FOUNDATION PLAN

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

LOT: 0000, COMMUNITY



A DIVISION OF PARK SQUARE ENTERPRISES, INC.
6200 Vineland Road, Suite 200
Orlando, Florida 32811
Phone: (407) 639 - 3000

Park Square HOMES

FOUNDATION PLAN

1860 SKY

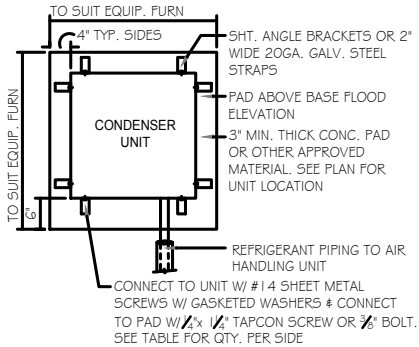
40' EXPLORATION SERIES

REVISIONS

DELTA #	DATE
DATE:	09-11-25
SCALE:	AS NOTED
DRAWN:	MR
SHEET:	

S1

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ANCHOR SPACING TABLE	
LENGTH/SIDE	No. OF ANCHORS/SIDES
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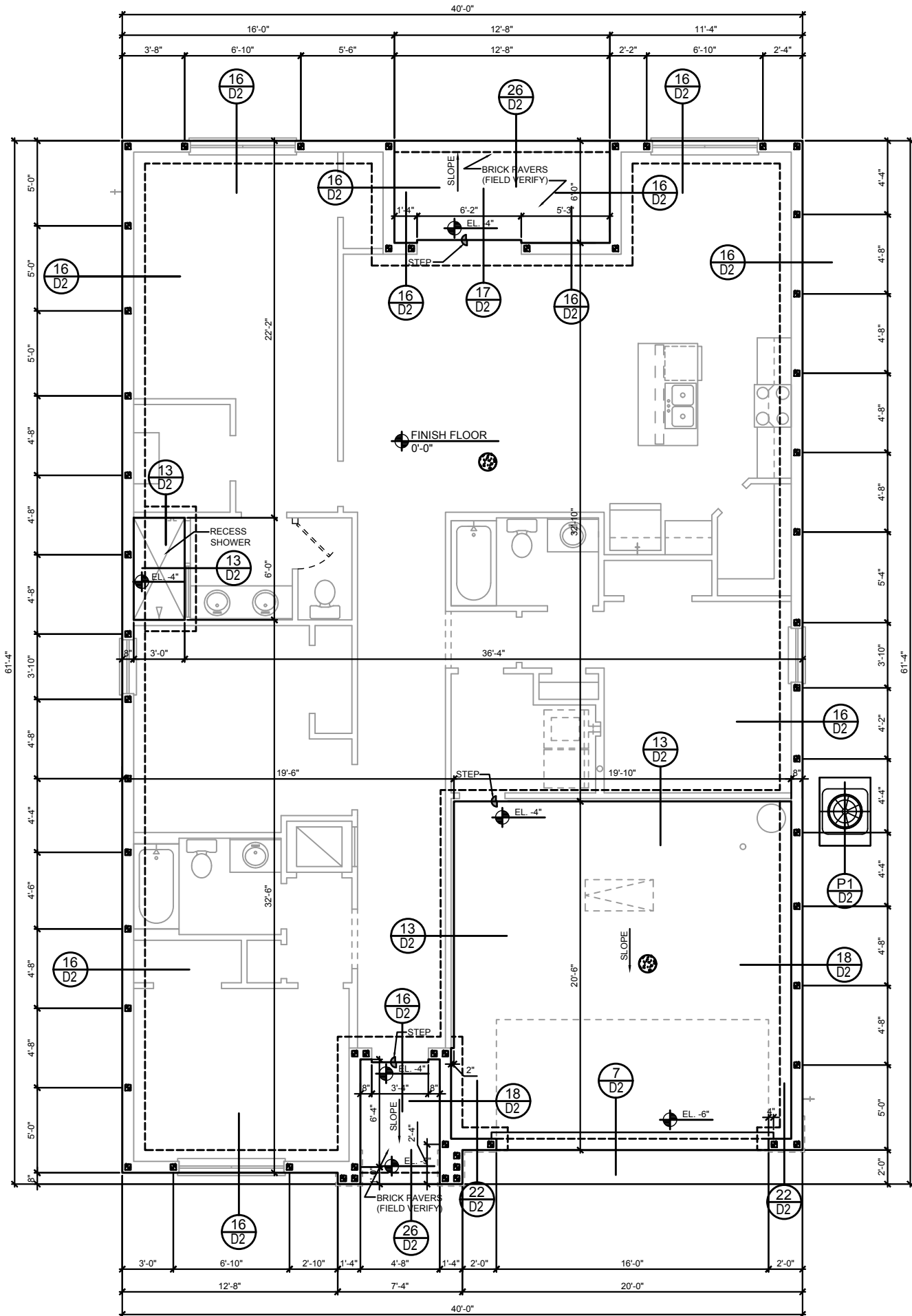
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FOUNDATION PLAN

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THIS STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE 9th EDITION, 2023 OF THE FLORIDA BUILDING CODE-RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, COMMUNITY

1860 SKY

40' EXPLORATION SERIES

FOUNDATION PLAN

Park Square Homes

REVISIONS

DELTA #	DATE
03	11-25

DATE: 03-11-25

SCALE: AS NOTED

DRAWN: MR

SHEET: S1

ITEG

THOMPSON ENGINEERING GROUP, INC.

1000 W. US HWY 1, SUITE 200, APT. 1000, TAMPA, FL 33611

TEL: (407) 724-1800

FAX: (407) 724-1793

WWW.ITEG.COM

A DIVISION OF PARK SQUARE ENTERPRISES, INC.

6200 Vineland Road, Suite 200

Orlando, Florida 32811

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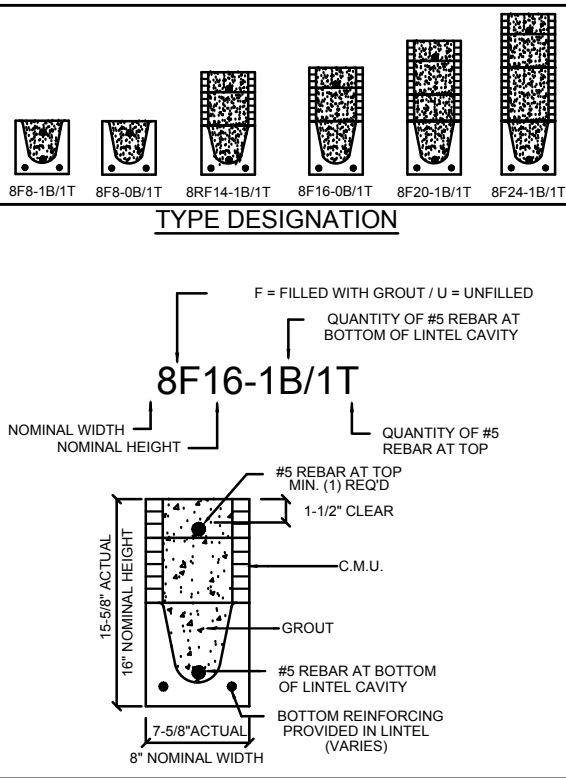
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SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS											
8" PRECAST & PRESTRESSED U-LINTELS											
GRAVITY											
LENGTH \ TYPE	8U8	8F8-0B 8F8-1B	8F12-0B 8F12-1B	8F16-0B 8F16-1B	8F20-0B 8F20-1B	8F24-0B 8F24-1B	8F28-0B 8F28-1B	8F32-0B 8F32-1B			
2'-10" (34") PRECAST	2302	3166 3166	4473 4473	6039 6039	7526 7526	9004 9004	10472 10472	11936 11936			
3'-6" (42") PRECAST	2302	3138 3166	3377 4473	4689 6039	6001 7526	7315 9004	8630 10472	9947 11936			
4'-0" (48") PRECAST	2029	2325 2646	2496 4473	3467 6039	4438 7526	5410 9004	6384 10472	7358 11936			
4'-6" (54") PRECAST	1651	1787 2170	1913 4027	2857 6039	3403 7526	4149 9004	4896 10472	5644 11936			
5'-4" (64") PRECAST	1184	1223 1665	1301 2889	1809 5057	2317 6096	2826 7400	3336 8424	3846 9450			
5'-10" (70") PRECAST	972	1000 1459	1059 2464	1474 4144	1889 5458	2304 7134	2721 8995	3137 10890			
6'-6" (78") PRECAST	937	1255 1255	2101 2101	3263 3396	2746 5260	3358 7134	3971 8995	4585 10890			
7'-6" (90") PRECAST	767	1029 830	1675 1362	2385 1927	1994 1602	2439 1961	2886 2320	3333 2680			
8'-0" (96") PRECAST	670	899 767	1445 1257	2214 1779	3192 1479	4533 1810	6513 2142	8407 2474			
8'-8" (104") PRECAST	618	829 632	1332 1049	2044 1469	2946 1210	4184 1482	6012 1754	7773 2027			
9'-4" (112") PRECAST	573	768 482	1212 802	1818 1125	2544 915	3469 1122	4030 1328	5127 1535			
10'-6" (126") PRECAST	456	658 598	1025 935	1514 1365	2081 1854	2774 2355	3130 1793	3404 2075			
11'-4" (136") PRECAST	445	598 555	935 864	1365 1254	1854 1689	2441 2074	3155 1570	4044 1818			
12'-0" (144") PRECAST	414	545 485	864 748	1254 1076	1693 1438	2211 1855	2832 2343	3590 2920			
13'-4" (160") PRECAST	362	427 381	726 648	1028 919	1331 1190	1635 1462	1224 1087	1418 1260			
14'-0" (168") PRECAST	338	455 420	700 695	1003 1250	1335 1855	1714 2370	2153 2890	2666 3410			
14'-8" (176") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR			
15'-4" (184") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR			
17'-4" (208") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR			
19'-4" (232") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR			
21'-4" (256") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR			
22'-0" (264") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR			
24'-0" (288") PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR			

8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
GRAVITY											
LENGTH \ TYPE	8RU6	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 1827	3053 3412	2982 4982	3954 6472	4929 7947	5904 9416	6880 10878			
4'-6"(54") PRECAST	1357	1449 1702	2782 3412	2714 4982	3600 6472	4487 7947	5375 9416	6264 10878			
5'-8"(68") PRECAST	785	832 1153	1602 2162	1550 4074	2058 6472	2566 6516	3075 5814	3585 6839			
5'-10"(70") PRECAST	735	779 1103	1500 2051	1449 3811	1924 6472	2400 6516	2876 5450	3352 6411			
6'-8"(80") PRECAST	822	907 907	1677 2933	2933 4100	2576 6730	3223 8177	3872 8707	4522 6707			
7'-6"(90") PRECAST	665	761 764	1377 1377	2252 2329	1958 3609	2451 5492	2944 6624	3439 5132			
8'-8"(116") PRECAST	371	420 535	834 928	1253 1497	1071 2179	1342 2618	1814 3595	1886 2875			

8" PRECAST & PRESTRESSED U-LINTELS											
UPLIFT											
LENGTH \ TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	8F16-1T 8F16-2T	8F20-1T 8F20-2T	8F24-1T 8F24-2T	8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8		
2'-10" (34") PRECAST	2727 2727	2878 2784	4101 3981	5332 5190	6569 6407	7811 7630	9055 8857	2021	2021		
3'-6" (42") PRECAST	2165 2165	2289 2215	3260 3165	4237 4125	5219 5091	6204 6061	7192 7036	1257	1257		
4'-0" (48") PRECAST	1878 1878	1969 1925	2832 2750	3680 3583	4532 4422	5387 5264	6245 6110	938	938		
4'-6" (54") PRECAST	1660 1660	1762 1705	2507 2435	3257 3171	4010 3913	4767 4658	5525 5406	727	727		
5'-4" (64") PRECAST	1393 1272	1437 1357	2050 1930	2670 2505	3293 3084	3920 3665	4549 4247	505	505		
5'-10" (70") PRECAST	1272 1141	1315 1200	1875 1733	2441 2250	3010 2789	3583 3290	4157 3812	418	418		
6'-6" (78") PRECAST	1141 959	1182 912	1684 1475	2192 1914	2703 2354	3216 2797	3732 3240	707	887		
7'-6" (90") PRECAST	990 801	1029 612	1468 980	1907 1269	2351 1580	2797 1852	3245 2144	591	657		
9'-4" (112") PRECAST	801 716	755 498	1192 793	1550 1027	1910 1261	2271 1496	2634 1731	454	630		
10'-6" (126") PRECAST	716 666	611 439	1039 696	1389 899	1711 1104	2034 1309	2358 1515	396	493		
11'-4" (136") PRECAST	666 607	535 400	905 631	1295 816	1595 1001	1896 1186	2198 1372	363	556		
12'-0" (144") PRECAST	631 500	486 340	818 532	1209 686	1514 841	1799 997	2086 1153	340	494		
13'-4" (160") PRECAST	573 458	409 316	682 493	1004 635	1367 778	1637 922	1897 1065	302	398		
14'-0" (168") PRECAST	548 243	378 295	629 459	922 591	1254 724	1567 857	1816 990	286	360		
14'-8" (176") PRESTRESSED	243 228	352 278	582 430	852 553	1156 677	1491 801	1742 925	N.R.	357		
15'-4" (184") PRESTRESSED	228 188	329 236	542 361	791 464	1072 567	1381 670	1676 774	N.R.	327		
17'-4" (208") PRESTRESSED	188 165	276 207	449 313	649 401	874 490	1121 578	1389 667	N.R.	255		
19'-4" (232") PRESTRESSED	165 145	239 186	383 278	550 356	736 433	940 512	1160 590	N.R.	204		
21'-4" (256") PRESTRESSED	142 140	212 180	336 268	477 343	635 418	807 493	993 568	N.R.	172		
22'-0" (264") PRESTRESSED	137 127	205 165	322 244	457 312	607 380	771 447	947 515	N.R.	161		
24'-0" (288") PRESTRESSED	124 124	186 186	290 290	408 408	538 538	680 680	833	N.R.	135		

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



- MATERIALS**
- Fc precast lintels = 3500 psi.
 - Fc prestressed lintels = 6000 psi.
 - Fc grout = 3000 psi w/ maximum 3/8" aggregate.
 - Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
 - Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
 - Prestressing strand per ASTM A416 grade 270 low relaxation.
 - 7/32 wire per ASTM A510.
 - Mortar per ASTM C270 type M or S.
- GENERAL NOTES**
- Provide full mortar head and bed joints.
 - Shore filled lintels as required.
 - Installation of lintel must comply with the architectural and/or structural drawings.
 - Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
 - 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.
 - Bottom field added rebar to be located at the bottom of the lintel cavity.
 - 7/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
 - Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
 - Safe load ratings based on rational design analysis per ACI 318 and ACI 530

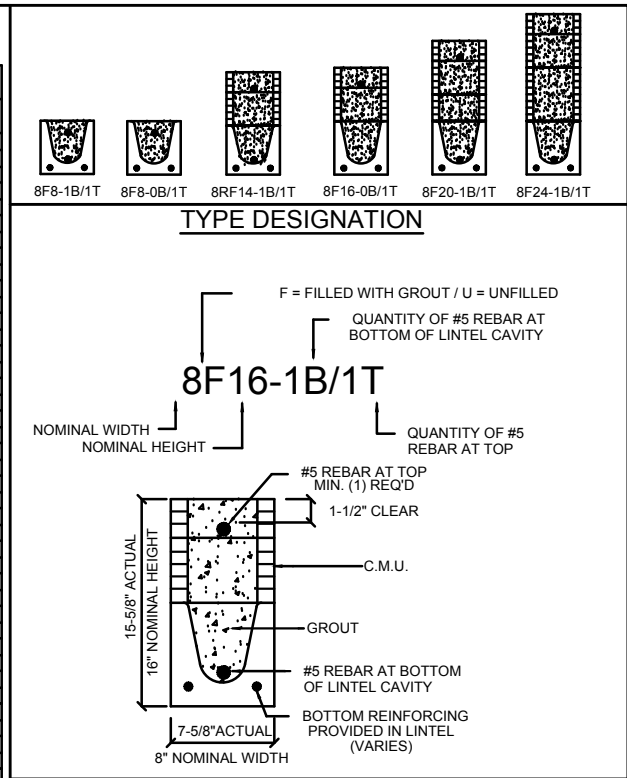
- SAFE LOAD TABLE NOTES**
- All values based on minimum 4" bearing. Exception: Safe loads for unfilled lintels must be reduced by 20% if bearing length is less than 6-1/2". Safe loads for all recessed lintels based on 8" nominal bearing.
 - N.R. = Not Rated.
 - Safe loads are total superimposed allowable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

8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
UPLIFT											
LENGTH \ TYPE	8RF8-1T 8RF8-2T	8RF10-1T 8RF10-2T	8RF14-1T 8RF14-2T	8RF18-1T 8RF18-2T	8RF22-1T 8RF22-2T	8RF26-1T 8RF26-2T	8RF30-1T 8RF30-2T	8RU6	8RF6		
4'-4" (52") PRECAST	1244 1244	1573 1573	2413 2413	3260 3260	4112 4112	4967 4967	5825 5825	932	932		
4'-6" (54") PRECAST	1192 1192	1507 1507	2311 2311	3121 3121	3937 3937	4756 4756	5577 5577	853	853		
5'-8" (68") PRECAST	924 924	1172 1172	1795 1795	2423 2423	3055 3055	3689 3689	4325 4325	501	501		
5'-10" (70") PRECAST	896 896	1138 1138	1742 1742	2352 2352	2965 2965	3581 3581	4198 4198	469	469		
6'-8" (80") PRECAST	778 778	882 882	1513 1513	2042 2042	2573 2573	3107 3107	3642 3642	830	1100		
7'-6" (90") PRECAST	688 688	849 849	1302 1302	1762 1762	2225 2225	2690 2690	3157 3157	710	941		
9'-8" (116") PRECAST	533 533	627 627	808 808	1123 1123	1413 1413	1704 1704	1995 1995	516	614		

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

CAST CRETE / LOTTS / WEKIWA / FLORIDA ROCK - PRECAST LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	11'-4"	8F28-1B/1T	GARAGE
L-2	7'-6"	8F16-1B/1T	FR SHEDS
L-3	7'-6"	8F24-1B/1T	6/10X6/8 SGD
L-4	14'-0"	8F16-1B/1T	LANAI
L-5	4'-6"	8F16-1B/1T	SHEDS
L-6	7'-6"	8F16-1B/1T	ENTRY
L-7	4'-6"	8RF22-1B/1T	3068 DR

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS											
8" PRECAST & PRESTRESSED U-LINTELS											
			GRAVITY								
LENGTH	TYPE	8U8	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B		
			8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1B		
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936		
			3166	4473	6039	7526	9004	10472	11936		
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947		
			3166	4473	6039	7526	9004	10472	11936		
4'-0" (48")	PRECAST	2029	2325	2496	3467	4438	5410	6384	7358		
			2325	2496	3467	4438	5410	6384	7358		
4'-6" (54")	PRECAST	1651	1787	1913	2657	3403	4149	4896	5644		
			2170	4027	6039	7526	9004	10472	11936		
5'-4" (64")	PRECAST	1184	1223	1301	1809	2317	2826	3336	3846		
			1665	2889	5057	6096	5400	6424	7450		
5'-10" (70")	PRECAST	972	1000	1059	1474	1889	2304	2721	3137		
			1459	2464	4144	5458	4437	5280	6122		
6'-6" (78")	PRECAST	937	1255	2101	3263	2746	3358	3971	4585		
			1255	2101	3396	5260	7134	8995	6890		
7'-6" (90")	PRECAST	767	1029	1675	2385	1994	2439	2886	3333		
			1029	1675	2610	3839	5596	6613	5047		
8'-0" (96")	PRECAST	670	830	1362	1927	1602	1961	2320	2680		
			899	1445	2214	3192	4533	6513	4087		
8'-8" (104")	PRECAST	618	767	1257	1779	1479	1810	2142	2474		
			829	1332	2044	2946	4184	6012	3773		
9'-4" (112")	PRECAST	573	632	1049	1469	1210	1482	1754	2027		
			768	1212	1818	2544	3469	4030	3127		
10'-6" (126")	PRECAST	456	482	802	1125	915	1122	1328	1535		
			658	1025	1514	2081	2774	3130	2404		
11'-4" (136")	PRECAST	445	598	935	1365	1854	2355	1793	2075		
			598	935	1365	1854	2441	3155	4044		
12'-0" (144")	PRECAST	414	554	864	1254	1689	2074	1570	1818		
			555	864	1254	1693	2211	2832	3599		
13'-4" (160")	PRECAST	362	427	726	1028	1331	1635	1224	1418		
			485	748	1076	1438	1855	2343	2920		
14'-0" (168")	PRECAST	338	381	648	919	1190	1462	1087	1260		
			455	700	1003	1335	1714	2153	2686		
14'-8" (176")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR		
			465	765	1370	2045	2610	3185	3765		
15'-4" (184")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR		
			420	695	1250	1855	2370	2890	3410		
17'-4" (208")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR		
			310	530	950	1400	1800	2200	2600		
19'-4" (232")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR		
			240	400	750	1090	1400	1720	2030		
21'-4" (256")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR		
			183	330	610	940	1340	1780	2110		
22'-0" (264")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR		
			160	300	570	870	1250	1660	1970		
24'-0" (288")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR		
			130	240	470	720	1030	1350	1610		



- ### MATERIALS
- Fc precast lintels = 3500 psi.
 - Fc prestressed lintels = 6000 psi.
 - Fc grout = 3000 psi w/ maximum 3/8" aggregate.
 - Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
 - Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
 - Prestressing strand per ASTM A416 grade 270 low relaxation.
 - 7/32 wire per ASTM A510.
 - Mortar per ASTM C270 type M or S.
- ### GENERAL NOTES
- Provide full mortar head and bed joints.
 - Shore filled lintels as required.
 - Installation of lintel must comply with the architectural and/or structural drawings.
 - Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
 - 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.
 - Bottom field added rebar to be located at the bottom of the lintel cavity.
 - 7/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
 - Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
 - Safe load ratings based on rational design analysis per ACI 318 and ACI 530

- ### SAFE LOAD TABLE NOTES
- 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.
 - N.R. = Not Rated.
 - Safe loads are total superimposed allowable load on the section specified.
 - Safe loads based on grade 40 or grade 60 field rebar.
 - Additional lateral load capacity can be obtained by the designer by providing additional reinforced masonry above the precast lintel.
 - One #7 rebar may be substituted for two #5 rebars in 8" lintels only.
 - 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.
 - For composite lintel heights not shown, use safe load from next lower height.
 - All safe loads in units of pounds per linear foot.

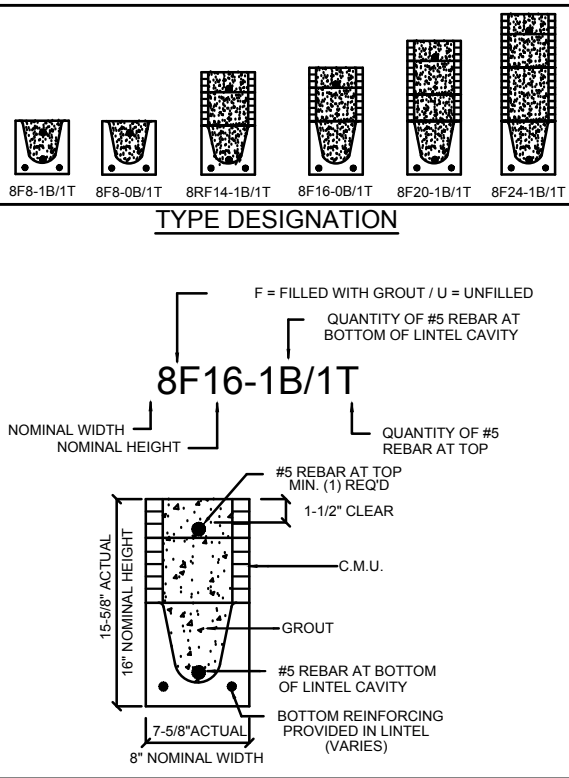
8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
UPLIFT									LATERAL		
LENGTH	TYPE	8RF6-1T	8RF10-1T	8RF14-1T	8RF18-1T	8RF22-1T	8RF26-1T	8RF30-1T	8RU6	8RF6	
		8RF6-2T	8RF10-2T	8RF14-2T	8RF18-2T	8RF22-2T	8RF26-2T	8RF30-2T			
4'-4" (52") PRECAST		1244	1573	2413	3260	4112	4967	5825		932	932
		1244	1519	2339	3170	4008	4850	5696			
4'-6" (54") PRECAST		1192	1507	2311	3121	3937	4756	5577		853	853
		1192	1455	2240	3036	3837	4643	5453			
5'-8" (68") PRECAST		924*	1172	1795	2423	3055	3689	4325		501	501
		924	1132	1741	2357	2978	3603	4230			
5'-10" (70") PRECAST		896*	1138	1742	2352	2965	3581	4198		469	469
		896	1099	1690	2298	2891	3497	4108			
6'-8" (80") PRECAST		778	882	1513	2042	2573	3107	3642		830	1100
		778	956	1468	1987	2509	3035	3563			
7'-6" (90") PRECAST		688	697	1325	1810	2280	2753	3227		710	941
		688	849	1302	1762	2225	2690	3157			
9'-8" (116") PRECAST		533*	433	808	1123	1413	1704	1995		516	614
		533	527	1009	1369	1728	2088	2450			
*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR											

SAFE LOAD TABLES											
FOR GRAVITY, UPLIFT & LATERAL LOADS											
8" PRECAST & PRESTRESSED U-LINTELS											
GRAVITY											
LENGTH \ TYPE	8U8	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B			
		8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1B			
2'-10" (34") PRECAST	2302	3166	4473	6039	7526	9004	10472	11936			
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	2857	3403	4149	4896	5644			
6'-6" (78") PRECAST	937	2170	4027	6039	7526	9004	10472	11936			
7'-6" (90") PRECAST	767	1223	1301	1809	2317	2826	3336	3846			
8'-0" (96") PRECAST	670	1665	2889	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	3263	2746	3358	3971	4585			
11'-4" (136") PRECAST	445	1255	2101	3396	5260	7134	8995	6890			
12'-0" (144") PRECAST	414	1029	1675	2385	1994	2439	2886	3333			
13'-4" (160") PRECAST	362	1029	1675	2610	3839	5596	6613	5047			
14'-0" (168") PRECAST	338	830	1362	1927	1602	1961	2320	2680			
14'-8" (176") PRESTRESSED	N.R.	899	1445	2214	3192	4533	6513	4087			
15'-4" (184") PRESTRESSED	N.R.	767	1257	1779	1479	1810	2142	2474			
17'-4" (208") PRESTRESSED	N.R.	829	1332	2044	2946	4184	6012	3773			
19'-4" (232") PRESTRESSED	N.R.	632	1049	1469	1210	1482	1754	2027			
21'-4" (256") PRESTRESSED	N.R.	768	1212	1818	2544	3469	4030	3127			
22'-0" (264") PRESTRESSED	N.R.	482	802	1125	915	1122	1328	1535			
24'-0" (288") PRESTRESSED	N.R.	658	1025	1514	2081	2774	3130	2404			
		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	1660	1970			
		NR	NR	NR	NR	NR	NR	NR			
		130	240	470	720	1030	1350	1610			

8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
GRAVITY											
LENGTH \ TYPE	8RU6	8RF6-0B	8RF10-0B	8RF14-0B	8RF18-0B	8RF22-0B	8RF26-0B	8RF30-0B			
		8RF6-1B	8RF10-1B	8RF14-1B	8RF18-1B	8RF22-1B	8RF26-1B	8RF30-1B			
4'-4"(52") PRECAST	1489	1591	3053	2982	3954	4929	5904	6880			
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			
8'-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	1814	1886			
		535	928	1497	2179	2618	3595	2875			

8" PRECAST & PRESTRESSED U-LINTELS											
UPLIFT											
LENGTH \ TYPE	8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	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	1969	2832	3680	4532	5387	6245	938	938		
4'-6" (54") PRECAST	1680	1762	2507	3257	4010	4767	5525	727	727		
5'-4" (64") PRECAST	1393	1437	2050	2670	3293	3920	4549	505	505		
5'-10" (70") PRECAST	1272	1315	1875	2441	3010	3583	4157	418	418		
6'-6" (78") PRECAST	1141	1182	1684	2192	2703	3216	3732	707	887		
7'-6" (90") PRECAST	990	1029	1468	1907	2351	2797	3245	591	657		
9'-4" (112") PRECAST	801	811	1192	1550	1910	2271	2634	454	630		
10'-6" (126") PRECAST	716	716	1039	1389	1711	2034	2358	396	493		
11'-4" (136") PRECAST	666	666	996	1295	1595	1896	2198	363	556		
12'-0" (144") PRECAST	607	607	931	1209	1514	1799	2086	340	494		
13'-4" (160") PRECAST	573	573	892	1167	1442	1717	2004	302	398		
14'-0" (168") PRECAST	548	548	868	1137	1412	1687	1974	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	180	268	343	418	493	568	N.R.	161		
24'-0" (288") PRESTRESSED	124	166	250	322	397	472	547	N.R.	135		

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



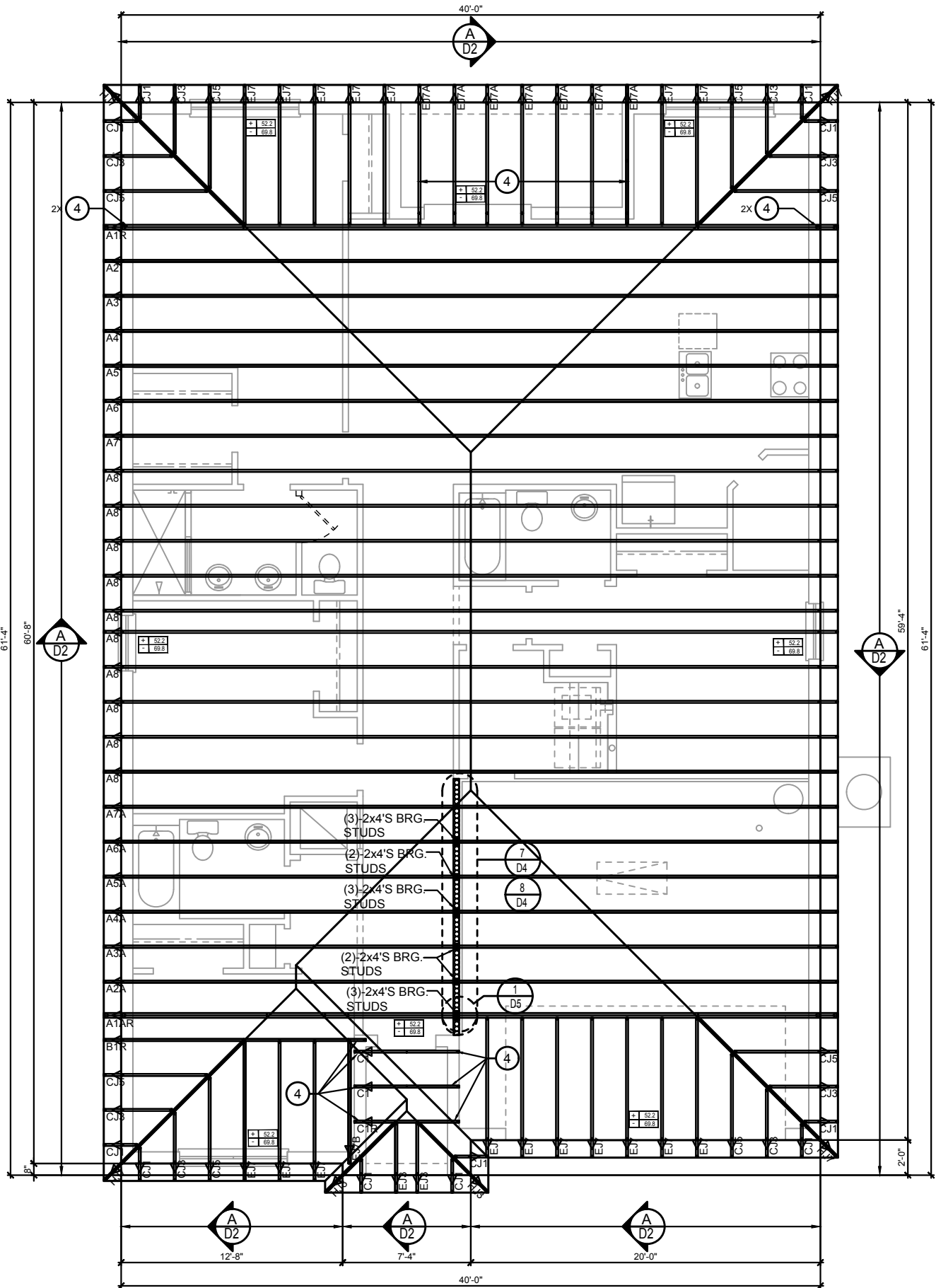
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- Fc precast lintels = 3500 psi.
 - Fc prestressed lintels = 6000 psi.
 - Fc grout = 3000 psi w/ maximum 3/8" aggregate.
 - Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
 - Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
 - Prestressing strand per ASTM A416 grade 270 low relaxation.
 - 7/32 wire per ASTM A510.
 - Mortar per ASTM C270 type M or S.
- ### GENERAL NOTES
- Provide full mortar head and bed joints.
 - Shore filled lintels as required.
 - Installation of lintel must comply with the architectural and/or structural drawings.
 - Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
 - 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.
 - Bottom field added rebar to be located at the bottom of the lintel cavity.
 - 7/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
 - Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
 - Safe load ratings based on rational design analysis per ACI 318 and ACI 530

- ### SAFE LOAD TABLE NOTES
- 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.
 - N.R. = Not Rated.
 - Safe loads are total superimposed allowable load on the section specified.
 - Safe loads based on grade 40 or grade 60 field rebar.
 - Additional lateral load capacity can be obtained by the designer by providing additional reinforced masonry above the precast lintel.
 - One #7 rebar may be substituted for two #5 rebars in 8" lintels only.
 - 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.
 - For composite lintel heights not shown, use safe load from next lower height.
 - All safe loads in units of pounds per linear foot.

8" PRECAST W/ 2" RECESS DOOR U-LINTELS									
UPLIFT								LATERAL	
LENGTH \ TYPE	8RF6-1T	8RF10-1T	8RF14-1T	8RF18-1T	8RF22-1T	8RF26-1T	8RF30-1T	8RU6	
4'-4" (52") PRECAST	1244	1573	2413	3260	4112	4967	5825	932	
4'-6" (54") PRECAST	1244	1519	2339	3170	4008	4850	5696	853	
5'-8" (68") PRECAST	924	1157	1795	2423	3055	3689	4325	501	
5'-10" (70") PRECAST	896	1138	1742	2352	2965	3581	4198	469	
6'-8" (80") PRECAST	778	882	1513	2042	2573	3107	3642	830	
7'-6" (90") PRECAST	688	956	1468	1987	2509	3035	3577	710	
9'-8" (116") PRECAST	533	849	1303	1762	2225	2690	3157	516	
	533	637	808	1123	1413	1704	1995		
	533	527	1009	1369	1728	2088	2450		
*REDUCE VALUE BY 25% FOR GRADE-40 FIELD BEAR									

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	DETA120	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	SUR/L414	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 0.6

FIELD REPAIR NOTES

- 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.
- 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.
- 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

- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- 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.
- ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZE BY TRUSS MANUFACTURER OR FL. REG. ENG.
- 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 TPIW/TCA BCSI 1.
- REFER TO TRUSS MANUFACTURERS DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- ROOF UNDERLAYMENT TO BE USED IS 30 LBS. SYNTHETIC FELT.
- 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
- 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 9th EDITION, 2023 OF THE FLORIDA BUILDING CODE-RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, COMMUNITY

1860 SKY

40' EXPLORATION SERIES

REVISIONS

DELTA #	DATE
09-II-25	

DATE: 09-II-25

SCALE: AS NOTED

DRAWN: MR

SHEET: S3

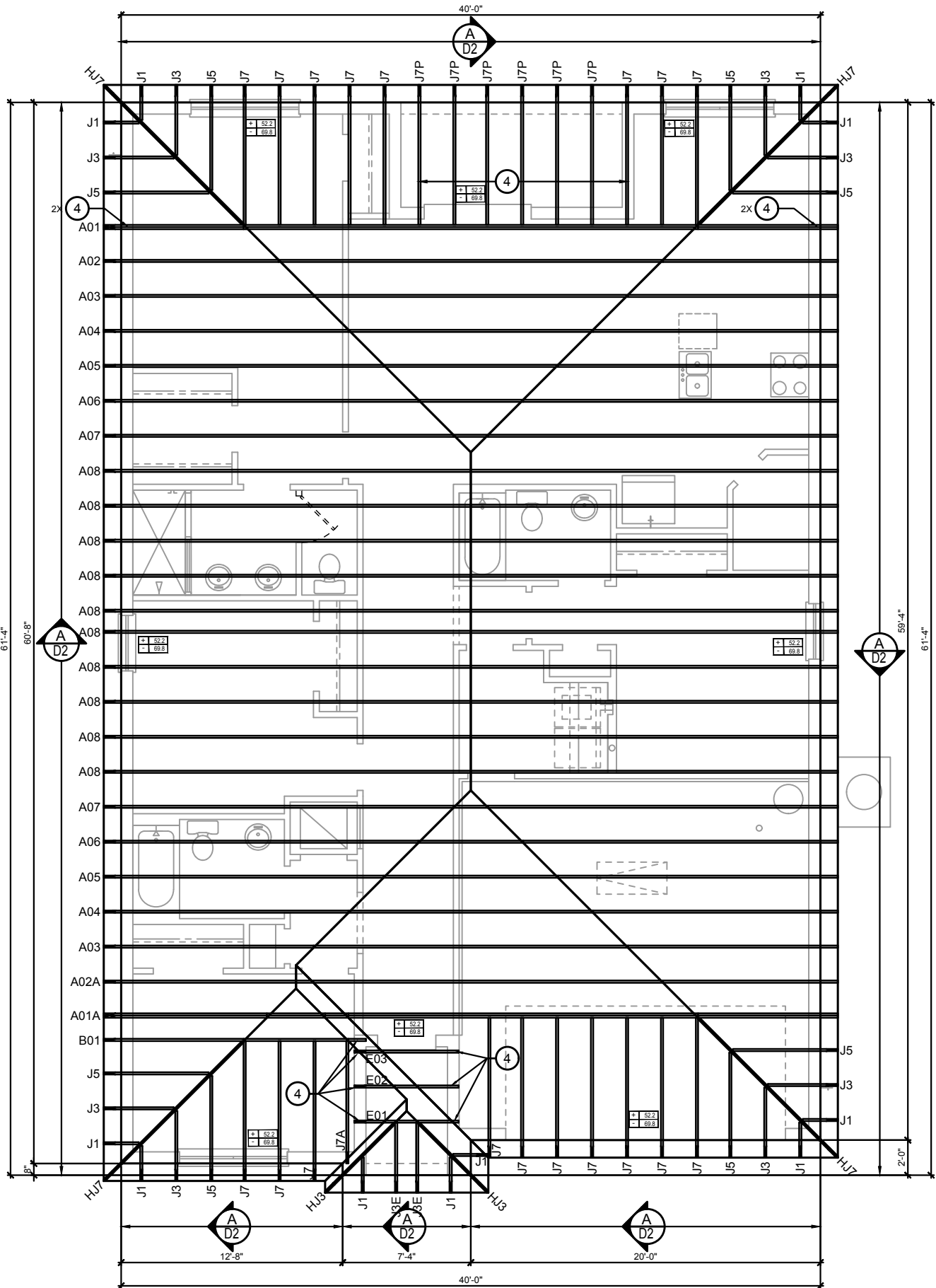
ITEG
THOMPSON ENGINEERING GROUP, INC.
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Park Square HOMES

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	DETA120	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: 4-½"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: 10-½"x1½" TC JOIST : 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-½"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	SUR/L414	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 ULTIMATE DESIGNED POSITIVE PRESSURE
-XXX ULTIMATE DESIGNED NEGATIVE PRESSURE

NOTE: DESIGN PRESSURES BASED ULTIMATE WIND SPEED
TO OBTAIN NOMINAL "ASD" WIND PRESSURES MULTIPLY VALUES
SHOWN BY A FACTOR OF 0.6

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 TPIW/TCA 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 9th EDITION, 2023 OF THE FLORIDA BUILDING CODE-RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, COMMUNITY

1860 SKY

ROOF FRAMING PLAN

40' EXPLORATION SERIES

REVISIONS

DATE: 09-11-25

SCALE: AS NOTED

DRAWN: MR

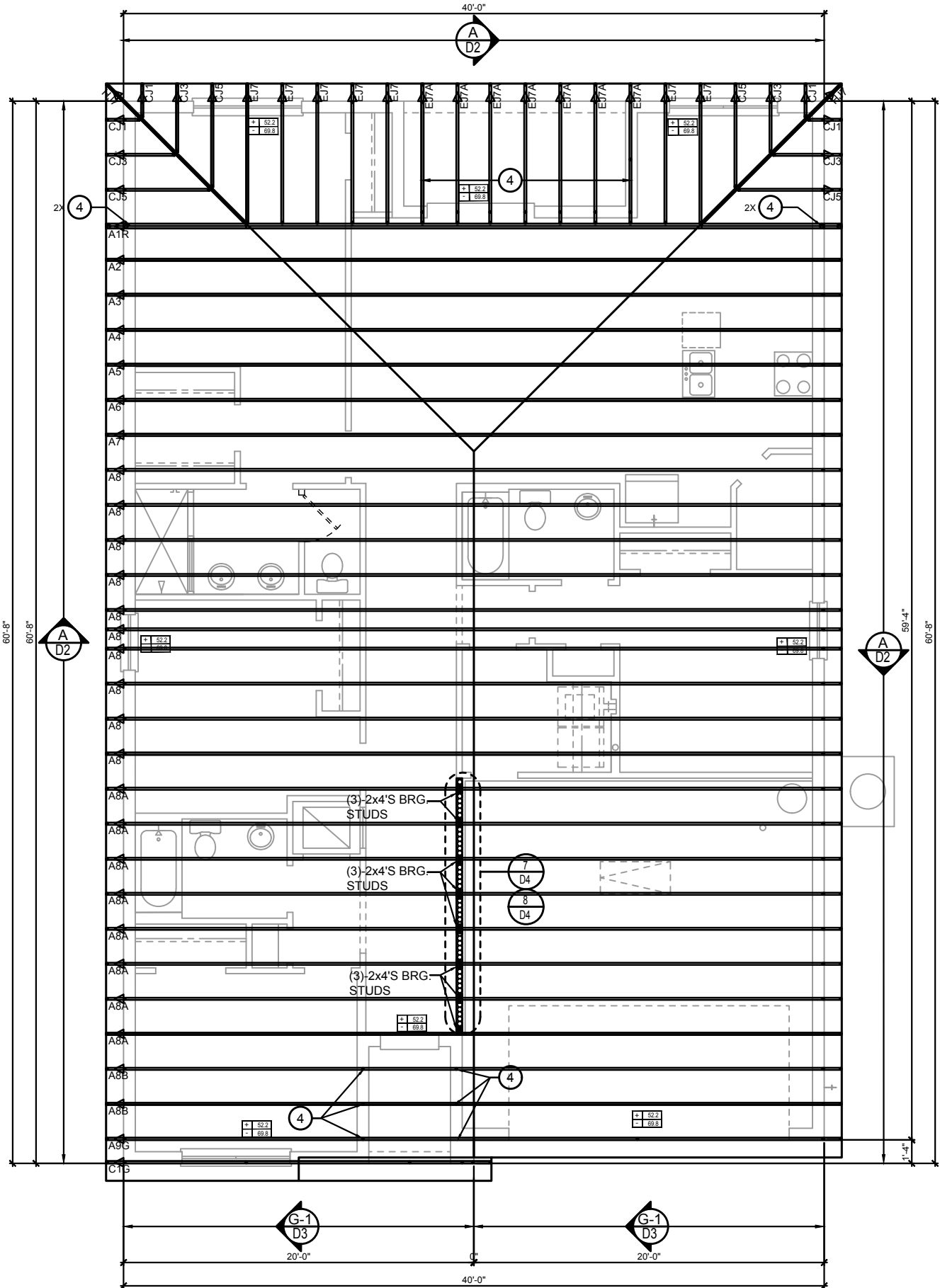
SHEET: S3

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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: 4-½"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	SUR/L414	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

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 0.6

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/WTCA 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

B (STANDARD)

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

THIS STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE 9th EDITION, 2023 OF THE FLORIDA BUILDING CODE-RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, COMMUNITY

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Park Square Homes
A DIVISION OF PARK SQUARE
ENTERPRISES, INC.
6200 Vineland Road, Suite 200
Orlando, Florida 32811
Phone: (407) 659 - 3000

ROOF FRAMING PLAN

1860 SKY

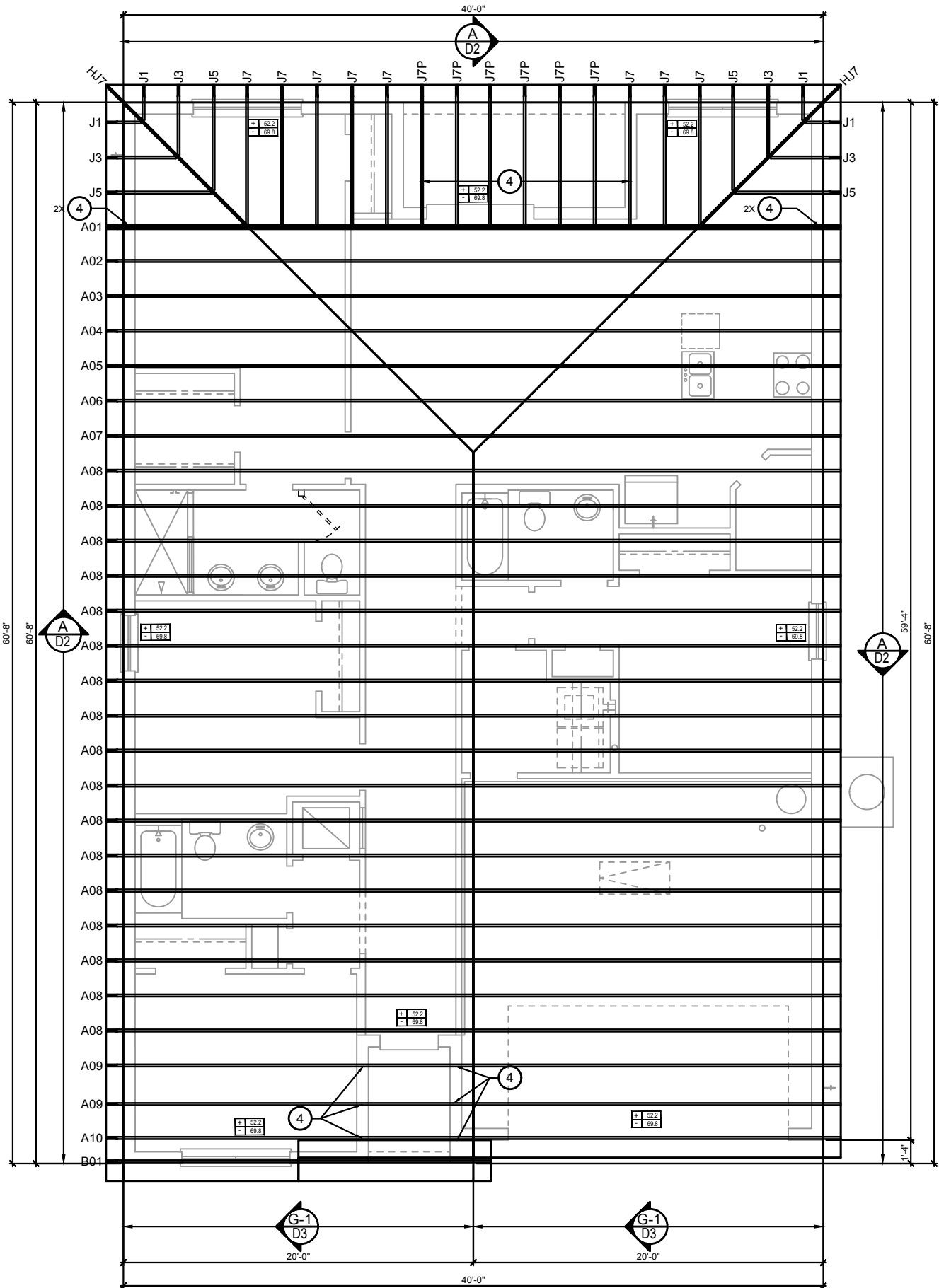
40' EXPLORATION SERIES

REVISIONS	
DELTA #	DATE
DATE:	09-11-25
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	DETA20	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-SDS¼"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
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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	SUR/L414	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

ULTIMATE DESIGNED POSITIVE PRESSURE
ULTIMATE DESIGNED NEGATIVE PRESSURE

NOTE: DESIGN PRESSURES BASED ULTIMATE WIND SPEED
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NOTES

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

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ROOF FRAMING PLAN

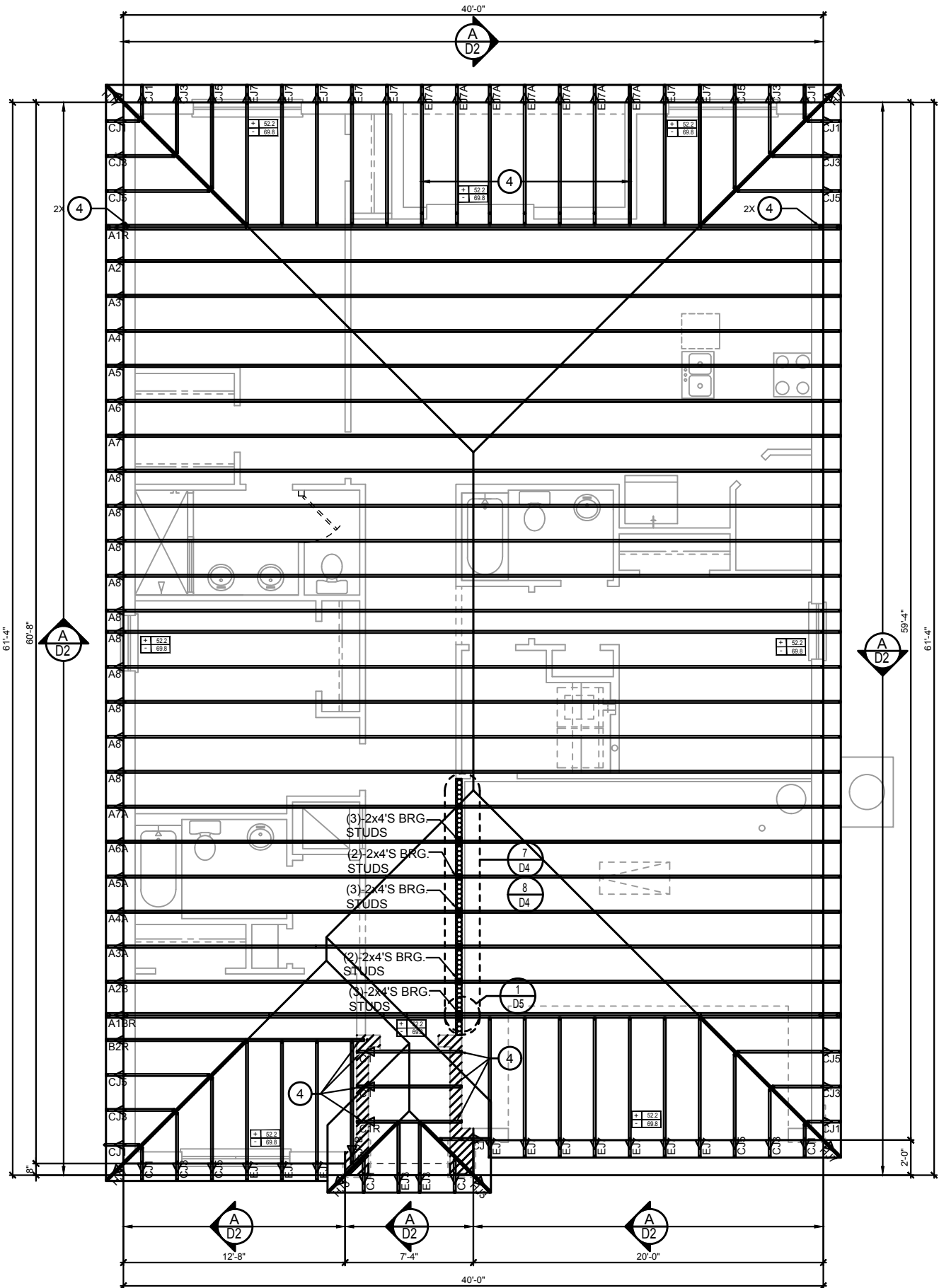
1860 SKY
40' EXPLORATION SERIES

REVISIONS	
DELTA #	DATE
DATE:	09-11-25
SCALE:	AS NOTED
DRAWN:	MR
SHEET:	S3

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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	DETA120	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
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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
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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: 4-½"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
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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
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
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401	SUR/L414	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"

T.O.WALL 10'-0"

COMPONENT & CLADDING
DESIGN WIND PRESSURES

SEE PLAN DESIGN WIND PRESSURE

+ .XXX ULTIMATE DESIGNED POSITIVE PRESSURE
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- 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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Orlando, Florida 32811
Phone (407) 659 - 3000Park Square
HOMES

ROOF FRAMING PLAN

1860 SKY

40' EXPLORATION SERIES

REVISIONS

DELTA # DATE

DATE: 09-11-25

SCALE: AS NOTED

DRAWN: MR

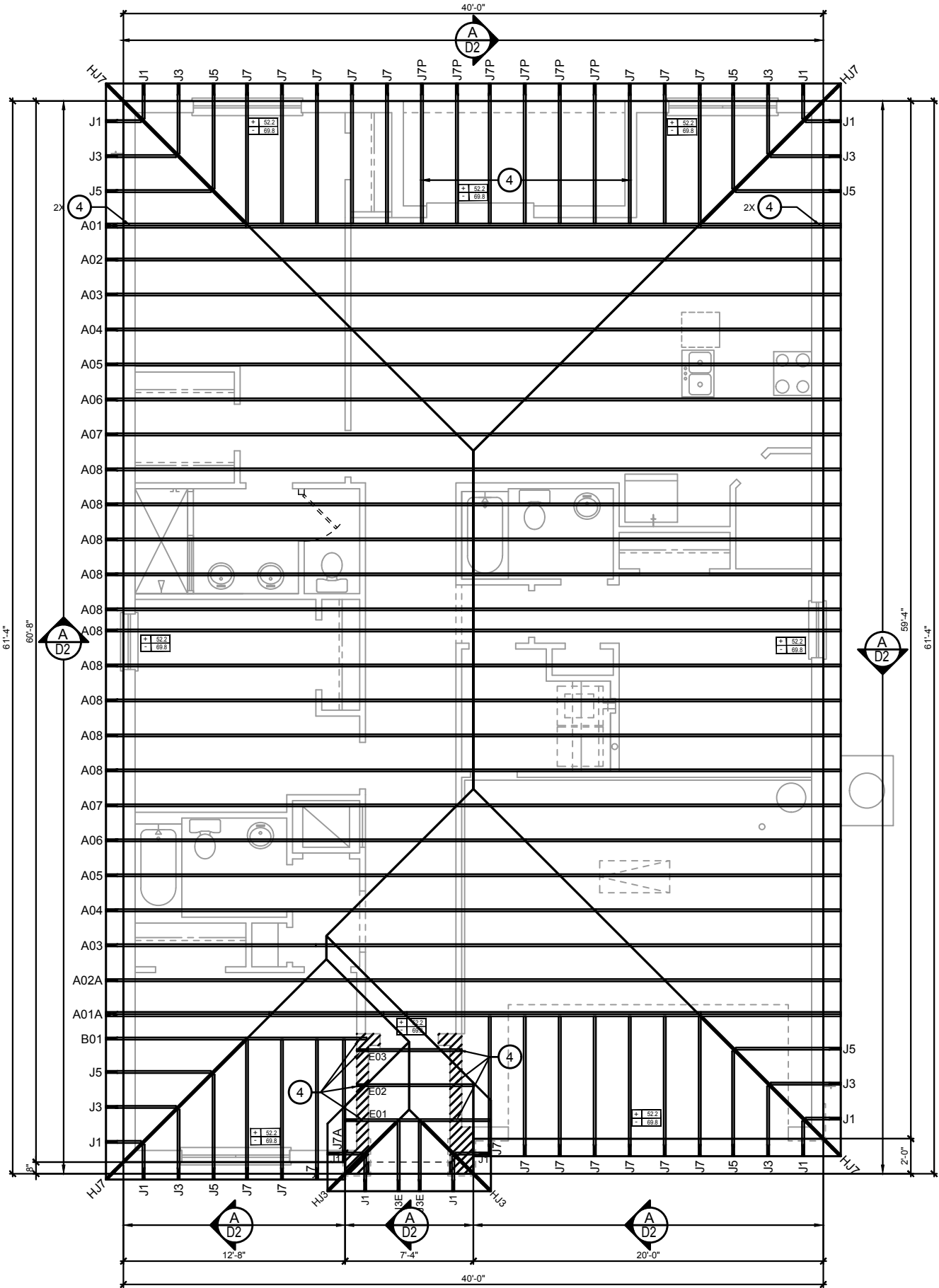
SHEET:

S3

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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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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
23	LUS26	HDR: 4-10d/JST: 4-10d		
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: 4-½"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: 10-½"x1½" TC JOIST : 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-½"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	SUR/L414	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"

▨ T.O.WALL 10'-0"

COMPONENT & CLADDING DESIGN WIND PRESSURES

SEE PLAN DESIGN WIND PRESSURE

± XXX ULTIMATE DESIGNED POSITIVE PRESSURE
- XXX ULTIMATE DESIGNED NEGATIVE PRESSURE

NOTE: DESIGN PRESSURES BASED ULTIMATE WIND SPEED TO OBTAIN NOMINAL "AS0" WIND PRESSURES MULTIPLY VALUES SHOWN BY A FACTOR OF 0.6

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

LOT: 0000, COMMUNITY

1860 SKY

40' EXPLORATION SERIES

REVISIONS

DELTA #	DATE
09-11-25	

DATE: 09-11-25
SCALE: AS NOTED
DRAWN: MR
SHEET: S3

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Park Square HOMES

ROOF FRAMING PLAN

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.

STRUCTURAL NOTES

1. THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 8TH EDITION, FBCR 2023 (WIND LOAD @ 133 MPH.)
LIVE LOAD ROOF: 20 PSF.
FLOOR: 40 PSF, BALCONIES & STAIRS: 40 PSF
OCCUPANCY= 1.0
BUILDING CATEGORY R3, WIND EXPOSURE C
INTERNAL PRESSURE COEFFICIENTS = +0.18 AND -0.18
2. WINDOWS, DOORS, AND GARAGE DOORS TO BE DESIGNED TO MEET FBCR SECTION R301
3. ALL FLOOR SLABS TO BE OF 2,500 PSI CONC. PLANT MIX MIN. 4" THICK WITH 6x6 10/10 WIRE MESH 6 MIL. POLY. VAPOR-BARRIER OVER TERMITE TREATED COMPACTED CLEAN FILL.
4. CONCRETE MASONRY UNITS SHALL MEET: CH. 1-3 OF ACI 530-02/ ASCE 5-02/TMS 402-02 OR BIA BUILDING CODE REQUIREMENTS.
5. MORTAR TO BE TYPE "M" OR "S", GROUT - 2,500 PSI @ 28 DAYS.
6. MASONRY CLEAN OUTS REQUIRED @ GROUT GREATER THAN FIVE (5) FEET IN HEIGHT AND ALL VERTICALS.
7. REBAR TO BE # 5'S GRADE 60, W/ MIN. LAP OF 25". USE "L" BARS @ CORNERS AND USE STANDARD HOOKS @ CHANGE IN DIRECTION WITH MIN. LAP 12"
8. GYP. BD. CEILING SHALL BE INSTALLED PERP. TO FRAMING & NAILED @ 7" O.C. WITH 5d NAILS. GYP. BD. WALLS SHALL BE NAILED @8" O.C. WITH 5d NAILS
9. UPLIFT CONNECTOR'S TO PROVIDE CONTINUITY FROM ROOF TRUSSES THRU PLATES TO SLAB AND FOUNDATION PER ENCLOSED DETAILS.
10. EPOXY ANCHOR ALTERNATIVE:
THREADED ANCHOR ROD MAY BE USED IN LIEU OF ANCHOR BOLTS FOR USE AS PLATE ANCHORS OR HURRICANE ANCHORS.
THE FOLLOWING CRITERIA MUST BE MET:

ANCHOR SIZE	CONC. HOLE SIZE	MIN. HOLE DEPTH
1/2"	-3/4"	7"
-5/8"	-7/8"	7"
-3/4"	1"	8"
-7/8"	1-1/8"	9"

AFTER HOLE IS DRILLED, ALL CONCRETE DUST MUST BE REMOVED PRIOR TO EPOXY INSTALLATION. THREADED ROD TO BE MIN. A36 STEEL AND FREE OF DIRT OR GREASE. LOAD ON ROD CANNOT BE APPLIED UNTIL 12 HOURS AFTER INSTALLATION. 2 COMPONENT EPOXY RESIN MATERIAL TO BE MIXED PER MFG. DIRECTIONS.

1. SOIL BEARING CAPACITY 2000 PSF MINIMUM

WOOD STRUCTURAL NOTES

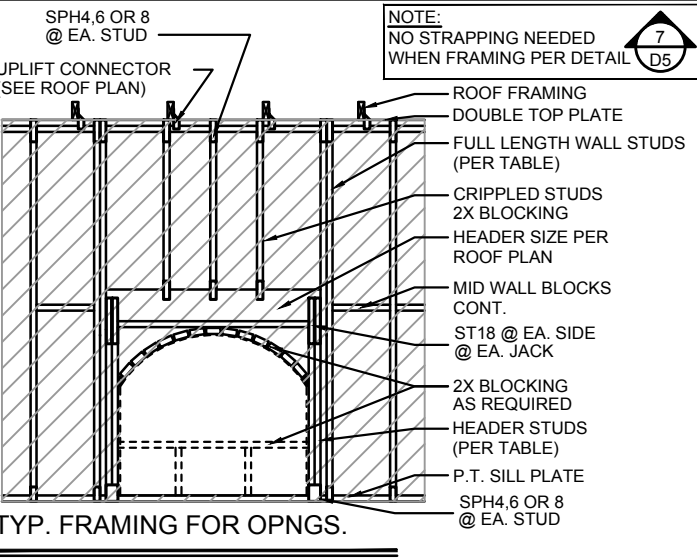
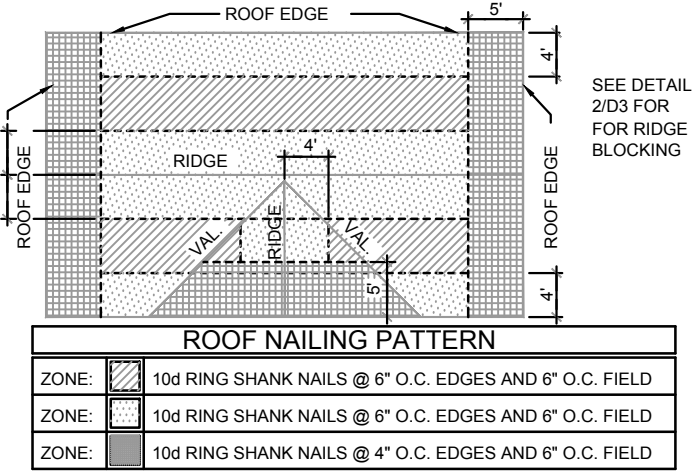
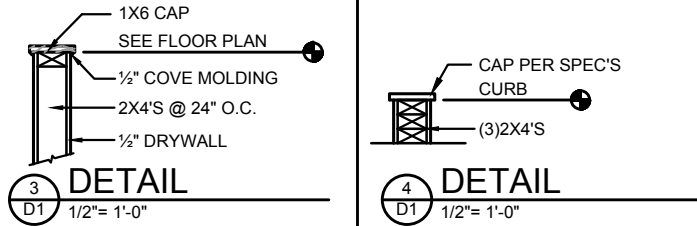
1. ALL WOOD TO BE SPECIES, GROUP, AND GRADE AS NOTED BELOW. DAMAGED WOOD NOT TO BE USED.
2. ALL STRUCTURAL LUMBER SHALL BE SPF (SPRUCE-PINE-FIR) #2 OR BETTER UNLESS OTHERWISE NOTED. (PRE ENG. TRUSSES EXCLUDED)
3. END JOINT IN STRUCTURAL DOUBLE TOP PLATE TO BE OFFSET AT LEAST 4". STRUCTURAL DOUBLE PLATES TO BE NAILED @ 6" O.C..
4. PLYWOOD OR OSB. WALL SHEATHING NAIL PATTERN TO BE 10d @ 6" O.C.. UNLESS OTHERWISE NOTED.
5. NUMBER OF HEADER STUDS AND ADJACENT FULL LENGTH STUDS PER WALL AND HEADER STUD REQUIREMENT SCHEDULE.
6. MAX. 1" HOLE DRILLED INTO EXTERIOR STRUCTURAL STUDS.
7. DBL. STUDS @ EA. END OF SHEAR WALL.
8. WHEN ANCHORING MULTIPLE WD. ITEMS TOGETHER, THE LENGTH OF HURRICANE STRAP MUST BE CENTERED.
9. NAIL PATTERN
- DOUBLE PLATE 12" O.C.. OUTSIDE SPLICE ZONE (SEE NOTE 4)
-DOUBLE STUDS @ 12" O.C..
-DOUBLE OR TRIPLE HEADER @ 6" O.C.. @ EDGE @ 12" O.C., INTERMEDIATE.
-HEADER TO STUD @ 4" O.C.. EA. HEADER MEMBER.
-STUD TO TOP OR BOTTOM PLATE : (2) 16d THRU PLT. OR (2) 16d EA. SIDE TOE NAILED TO PLT.
10. -ROOF SHEATHING FOR SHINGLE ROOF TO BE MIN. 15/32 OSB, NAILED (10d RING SHANK NAILS) TO ROOF TRUSSES SPACED @ 24" O.C. (MAX) WITHOUT BLOCKING.
-ROOF SHEATHING FOR TILE ROOF TO BE MIN. 19/32" OSB, 1/2" CDX PLYWOOD OR 1/2" ADVANTECH. NAILED (10d RING SHANK NAILS) TO ROOF TO ROOF TRUSS SPACED @ 24" O.C. (MAX) WITHOUT BLOCKING.
11. FLOOR SHEATHING TO BE MIN. 23/32" PLYWOOD NAILED @ 6" O.C. W/ #8 RING SHANK NAILS AND LIQUID NAIL ADHESIVE.
12. ALL FLOOR TRUSSES TO BE END BLOCKED @ BEARING LOCATIONS
13. TRUSS BRACING PER TRUSS MANUFACTURE'S DRAWINGS.
14. ALL NAILING SPECIFIED TO BE APPLIED BY NAIL GUN OR MANUALLY
15. ALL WOOD IN DIRECT CONTACT WITH MASONRY SHALL BE PRESSURE TREATED.
16. 2000 PSF MINIMUM SOIL BEARING CAPACITY
17. NON BEARING WALL: 2X4 SPACED AT 24" O.C. UP TO 12'-0" HEIGHT WITH 2 ROWS OF HORIZONTAL 2X4 BLOCKING SPACE AT 4'-0" O.C.

GENERAL CONTRACTOR:

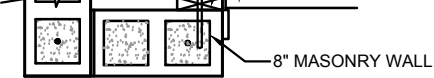
IT IS RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INSTALL ALL MATERIALS MEETING FLORIDA APPROVAL COMPLIANCE TO AVOID WATER INTRUSION AND MOISTURE INTRUSION ON WINDOWS, DOORS, ROOF, AND ANY OTHER AREA AROUND EACH UNIT/ HOUSE/ APARTMENT/ CONDOMINIUM/ TOWNHOUSE.

FIELD REPAIR NOTES

1. MISSED LINTEL STRAPS FOR MASONRY CONSTRUCTION MAY BE SUBSTITUTED W/ (1) USP MTW16 OR HC10 OR SIMPSON MTSM16 W/ (4) -1/4" X 2-1/4" TAPCONS TO BOND BEAM AND (7) 10d NAILS TO TRUSS FOR UPLIFTS LESS THAN 860 LBS (USE (2) MTSM16 FOR UPLIFTS LESS THAN 1720#). NO MORE THAN 10 STRAPS MAY BE SUBSTITUTED OR NO MORE THAN 3 IN A ROW. IF GIRGER TRUSS CONNECTIONS ARE MISSED CONTACT ENGINEER FOR SUBSTITUTION.
2. MISSED J-BOLTS FOR FRAMED EXTERIOR/ BEARING WALLS MAY BE SUBSTITUTED W/ 1/2" DIA. x 7" LONG WEDGE ANCHORS (REDHEADS).
3. 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.
4. 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.
5. 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.



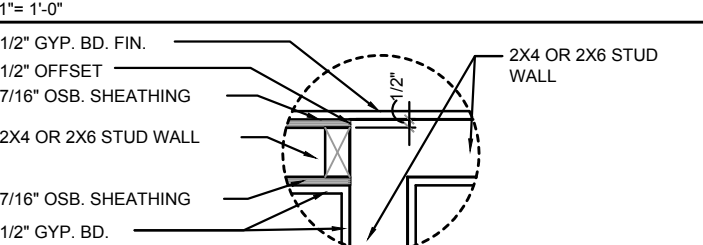
1/2"x6" (4 1/2" EMB.) HILTI KWIK BOLT WITH 2" WASHERS LOCATED @ 1'-4" & 7" (WITHIN 6" OF SUPPORT BRACKET FOR GARAGE DOOR) FROM THE BOTTOM & MIN. EDGE DISTANCE.



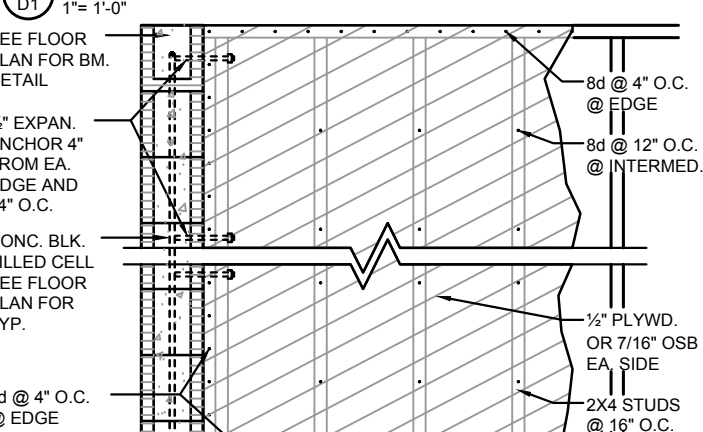
- DETAIL TO SATISFY 150 MPH WIND LOAD
- MASONRY FRAME SHALL BE MIN 8X16 ASTM C-9D
- GROUT FILLED CELL W/1/2" ASTM 2 #5 REBAR (GRADE 60) @ EA. SIDE OF GARAGE DOOR OPENING
- MAX. DISTANCE TO CORNER OF C.B.S. WALL REINF. 48"
- REINF. TO BE CONT. FROM FTG. TO TIE BEAM W/ ALL "ACI" DETAILS & DEVELOPMENT LENGTHS ADHERED TO
- GARAGE DOOR MANUF. TO PROVIDE ATTACHMENT TO "BUCK"

- 1.) THE GARAGE DOOR ASSEMBLY SHALL BE DESIGNED FOR POSITIVE AND NEGATIVE WIND PRESSURES OF 25 PSF IN ACCORDANCE WITH SECTION R301 OF THE FLORIDA RESIDENTIAL CODE CERTIFICATION SHALL BE SUBMITTED FROM THE GARAGE DOOR MANUFACTURER TO THE BUILDING DEPARTMENT FOR THE FOLLOWING ITEMS:
- A.) THE DESIGN OF THE DOOR CAN WITHSTAND POSITIVE AND NEGATIVE WIND PRESSURES OF 25 PSF.
B.) THE DESIGN OF THE DOOR COMPLIES WITH THE CRITERIA SPECIFIED IN SECTION R609 OF THE 2023 FLORIDA BUILDING CODE RESIDENTIAL, 8TH EDITION
C.) DOOR SIZE, TYPE AND GLAZING
D.) TRACK SIZE AND FASTENER DETAILS.
E.) TRACK BRACKET QUANTITY, SPACING AND FASTENER DETAILS.
F.) REINFORCING MEMBER QUANTITY, LOCATION, SIZE, TYPE AND FASTENER DETAILS. (IF REQUIRED)

GARAGE BUCK DETAIL

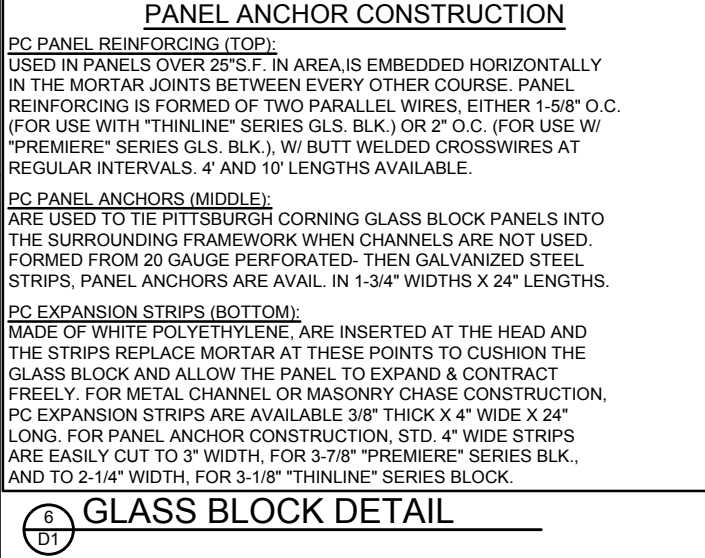
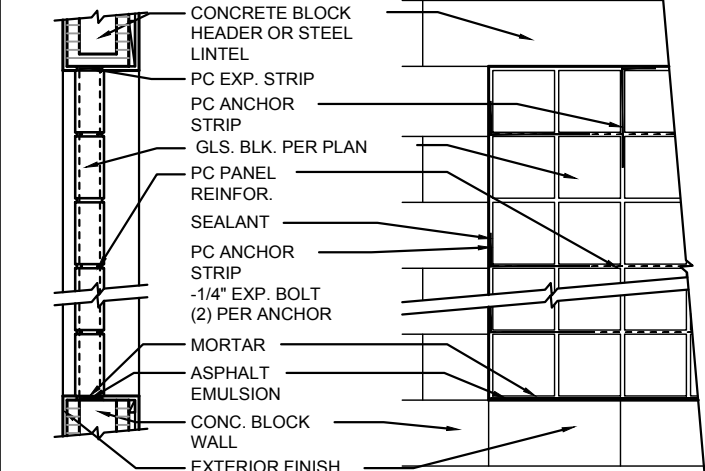
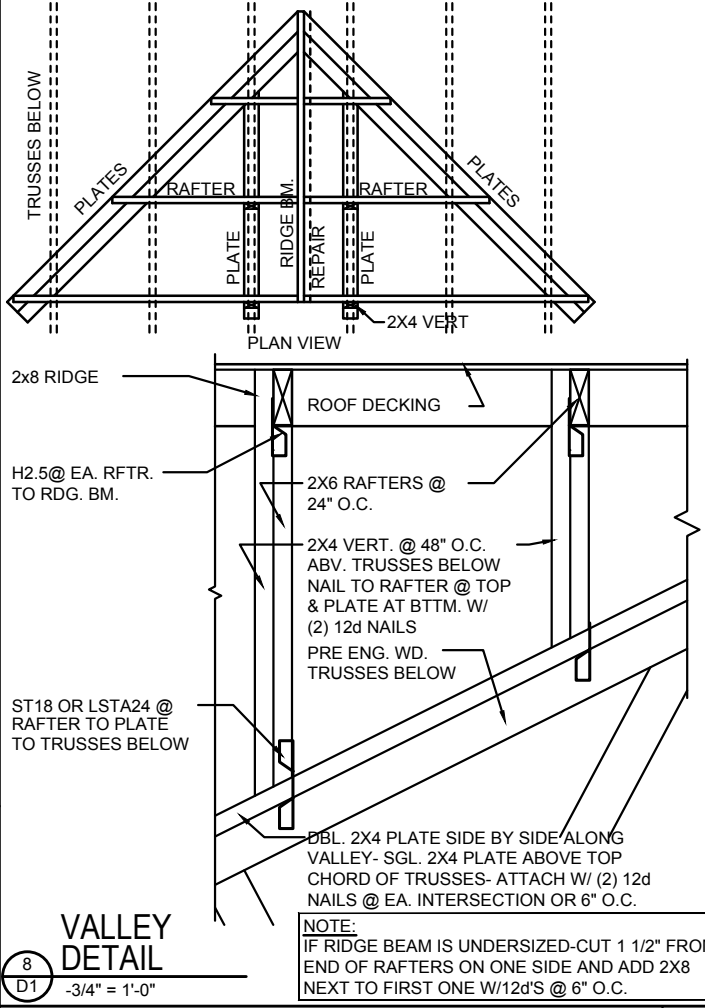


DETAIL @ CONN. TO REG. WALL



MIN. WALL AND HEADER REQUIREMENTS

		MAXIMUM HEADER SPAN (ft.)					
		3'	6'	9'	12'	15'	18'
UNSUPPORTED WALL HEIGHT	STUD SPACING	NUMBER OF HEADER STUDS SUPPORTING END OF HEADER					
		1	1	2	2	2	2
		NUMBER OF FULL-LENGTH STUDS @ EACH END OF HEADER					
10' OR LESS		2	2	3	3	3	3
GREATER THAN 10'		2	2	3	4	5	5



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

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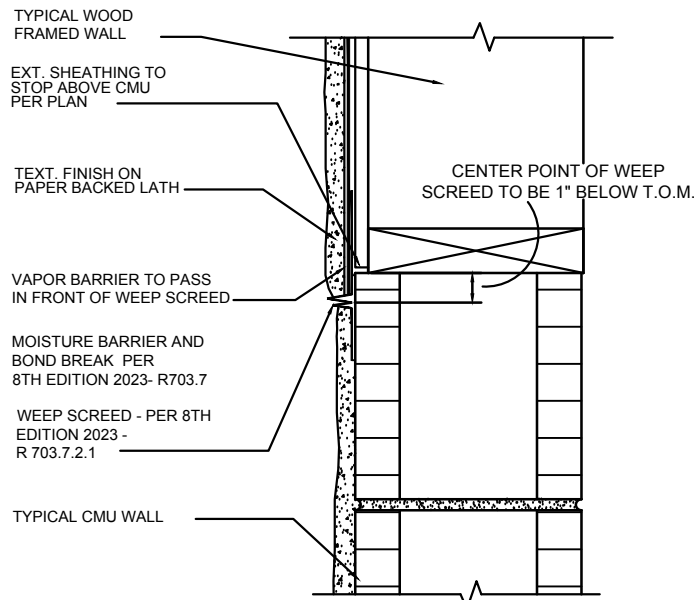
A DIVISION OF PARK SQUARE ENTERPRISES, INC.
6200 Vineland Road, Suite 200
Orlando, Florida 32811
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STRUCTURAL NOTE & DETAILS

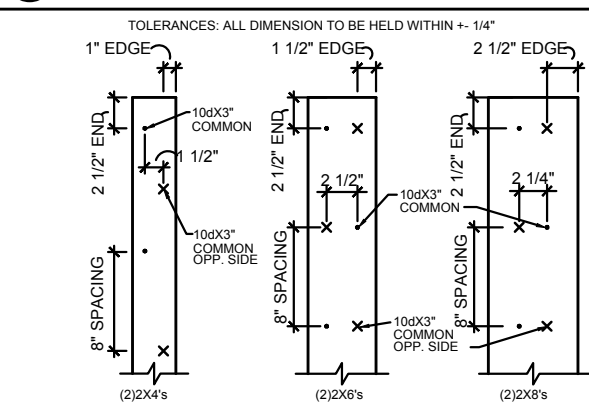
1860 SKY

40' EXPLORATION SERIES

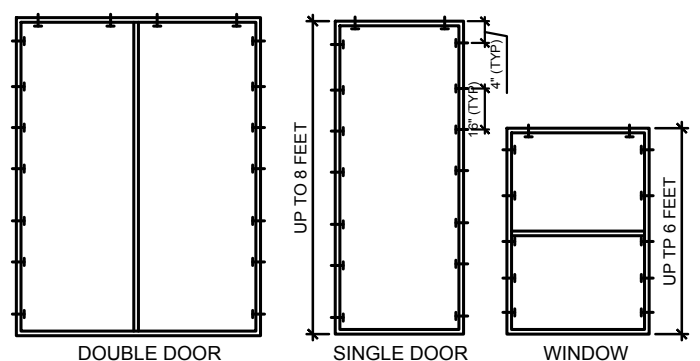
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DELTA #	DATE
DATE:	09-11-25
SCALE:	AS NOTED
DRAWN:	MR
SHEET:	D1



FLASHING DETAIL



2X BUILT-UP STUD COLUMN DETAILS



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

BUCK ATTACHMENT DATA

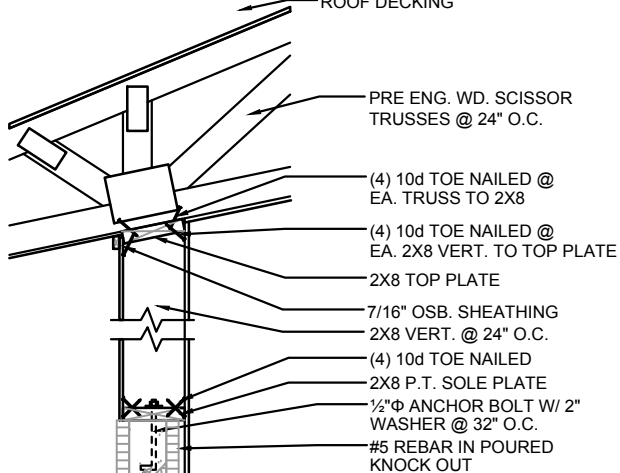
BUCKS SHALL BE 1x4 OR 2x8 PT AT WINDOWS OR 2x8 PT AT DOORS IN PINE OR SPRUCE. AT WINDOWS ATTACH BUCKS TO BLOCK WITH COMMON T-NAILS AND PLACEMENT SIMILAR TO TAPCONS SHOWN. AT DOORS OR FIN WINDOWS IN BLOCK, ATTACH BUCKS w/ 2 T-NAILS TOP AND BOTTOM AND 8" O.C. STAGGERED IN THE FIELD.

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.

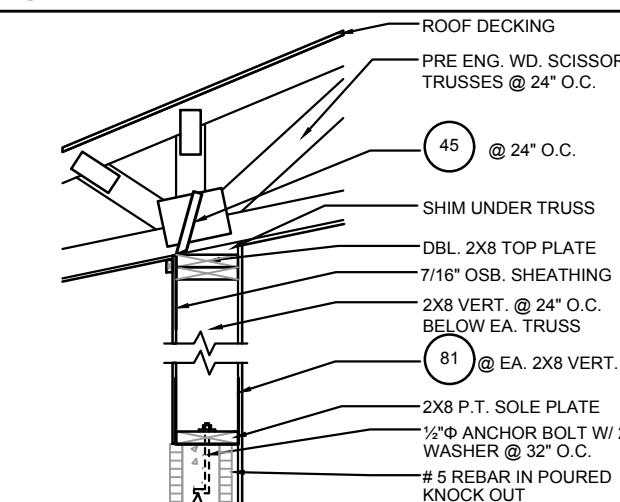
FOR FRAME ANCHORING USE MIN. 2-1/4" T-NAILS w/ 1x BUCK. USE MIN. -1/4" x 3" TAPCONS w/ 2x BUCK. START ALL END TAPCONS WITHIN 6" OF CORNERS AND 14" ON CENTER MAXIMUM.

NOTE

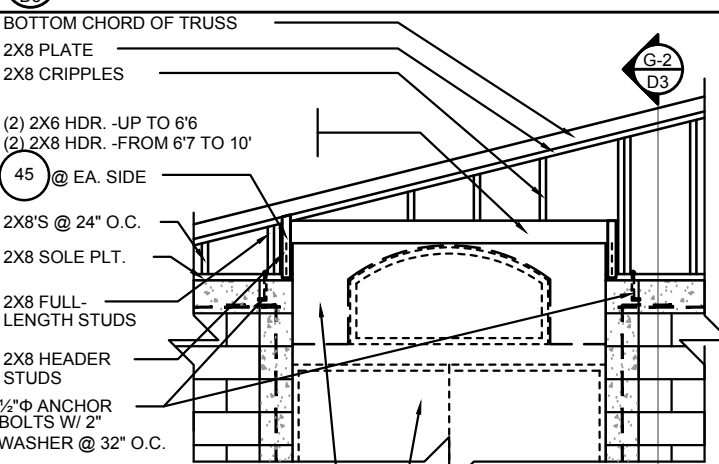
IN CASE OF BLOCK OPENINGS LARGER THAN DOOR FRAMING: ATTACH ADDITIONAL 2X FRAMING TO THE BLOCK WALL USING 1/4" x 4" TAPCONS AT 3" FROM END AND 12" O.C. IN THE CENTER. ATTACH TOP FRAMING TO HEADER USING 1/4"x1-3/4" TAPCONS W/ (1) 6" FROM END TO END AND 12" O.C. IN THE CENTER.



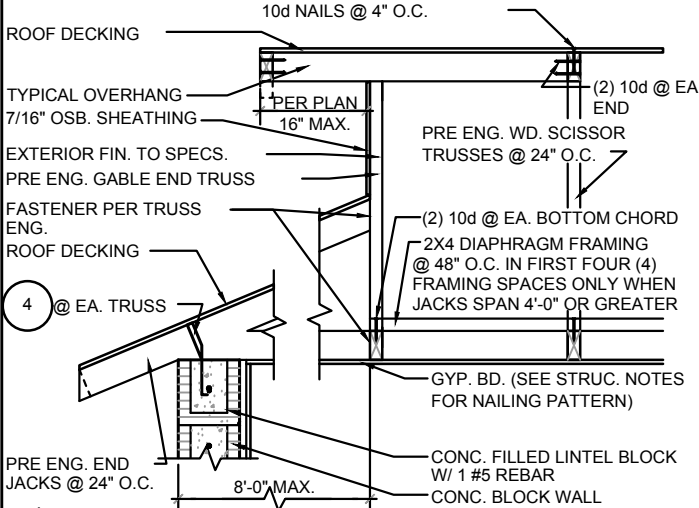
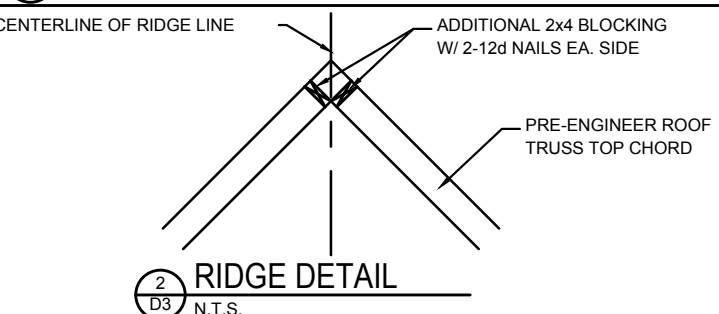
NON-BEARING



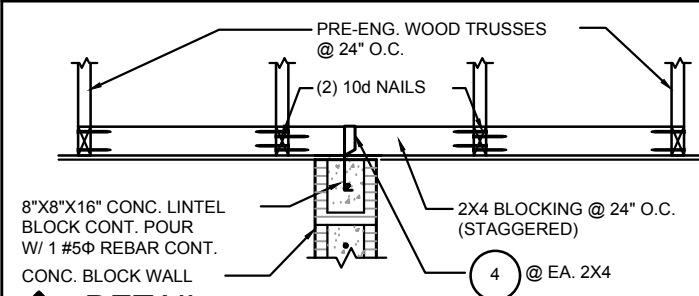
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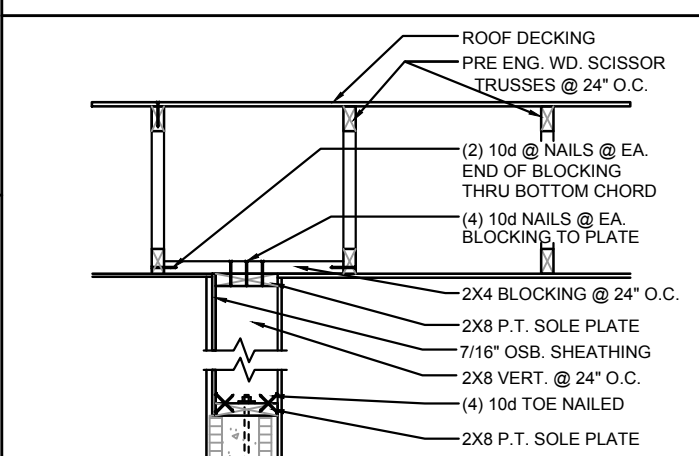
GABLE END



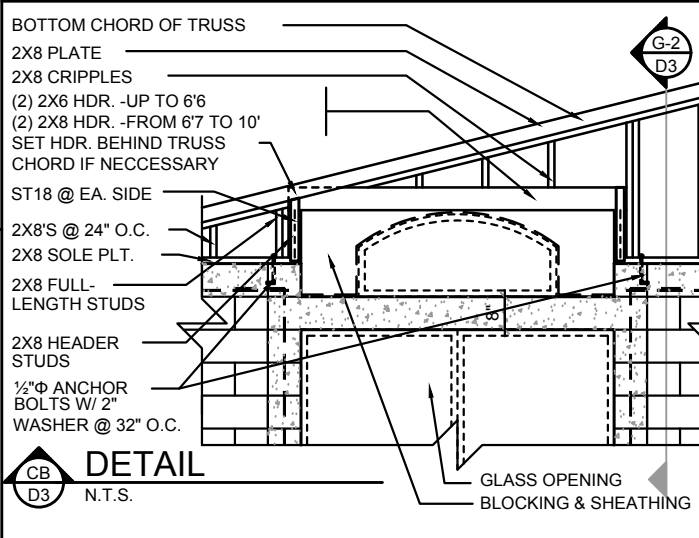
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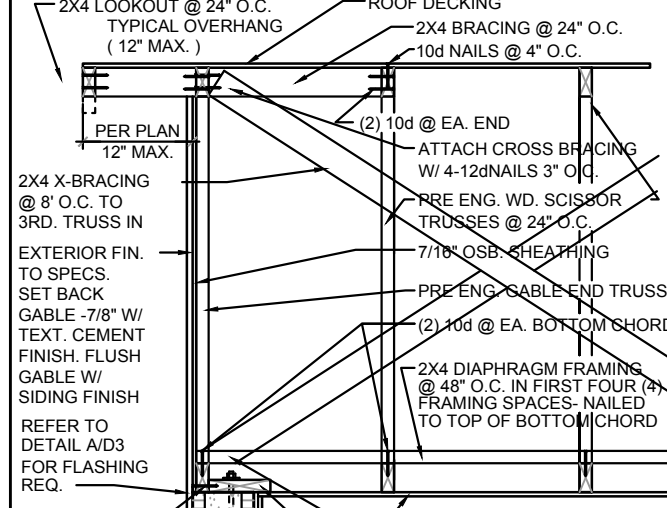
DETAIL



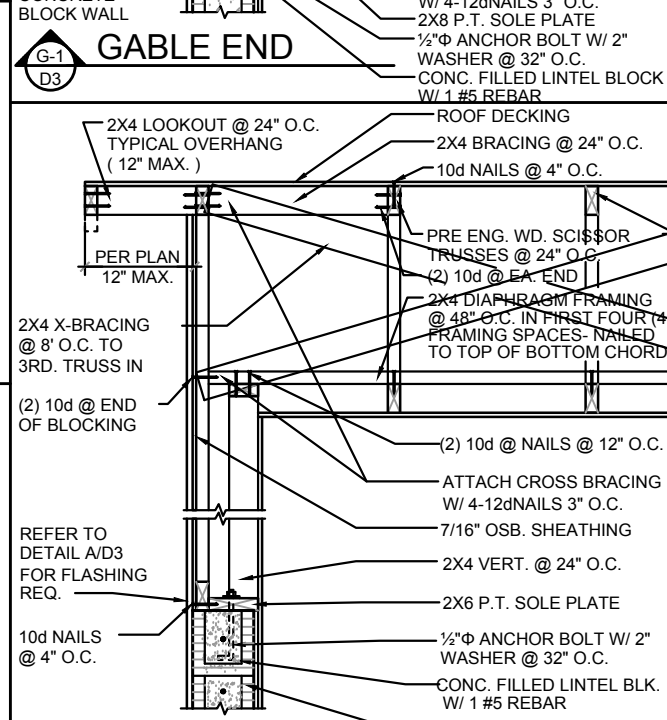
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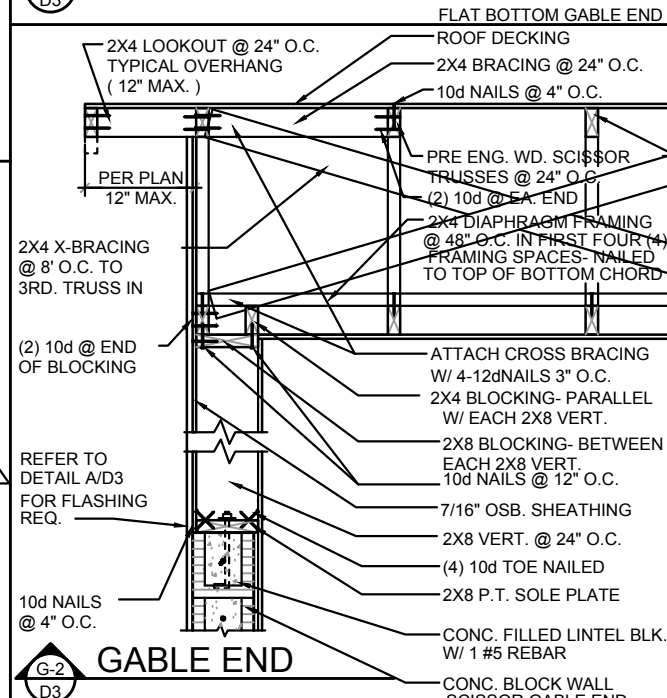
DETAIL



GABLE END



GABLE END



GABLE END

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LOT: 0000, COMMUNITY

HTEG
THOMPSON ENGINEERING GROUP, INC.
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A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineland Road, Suite 200
Orlando, Florida 32811
Phone: (407) 559-3000

Park Square Homes

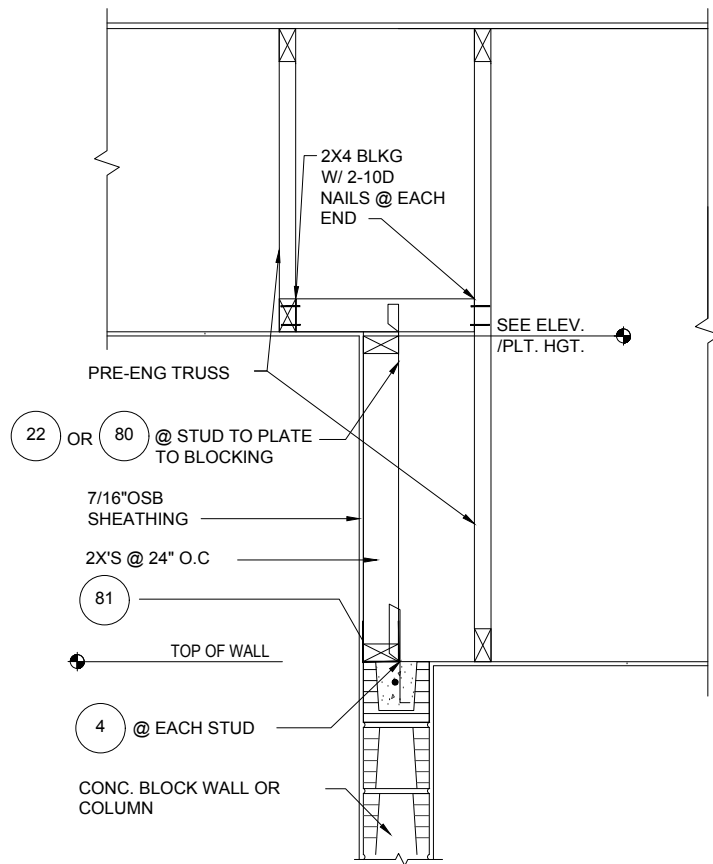
STRUCTURAL DETAILS

1860 SKY

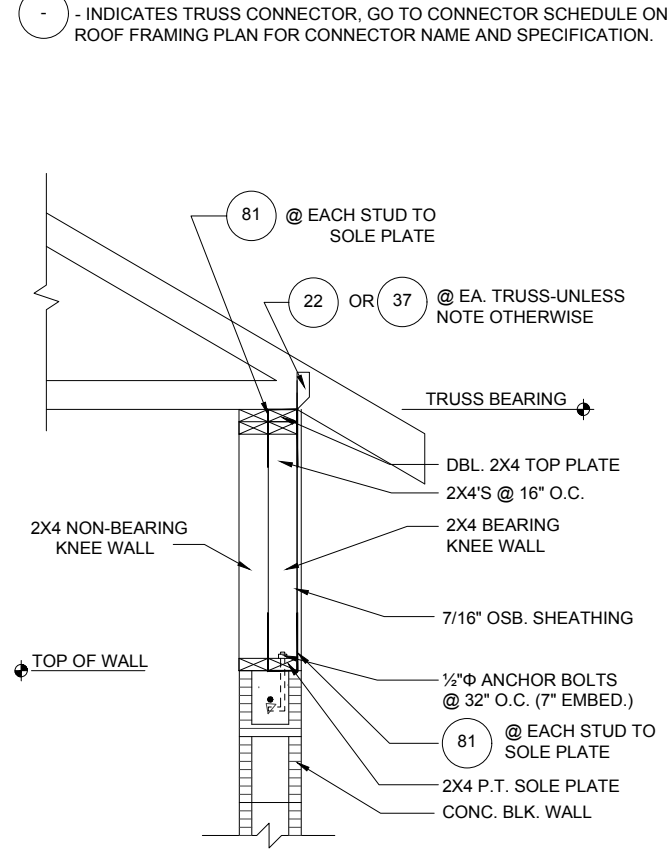
40' EXPLORATION SERIES

REVISIONS	
DELTA #	DATE
DATE: 09-11-25	
SCALE: AS NOTED	
DRAWN: MR	
SHEET: D3	

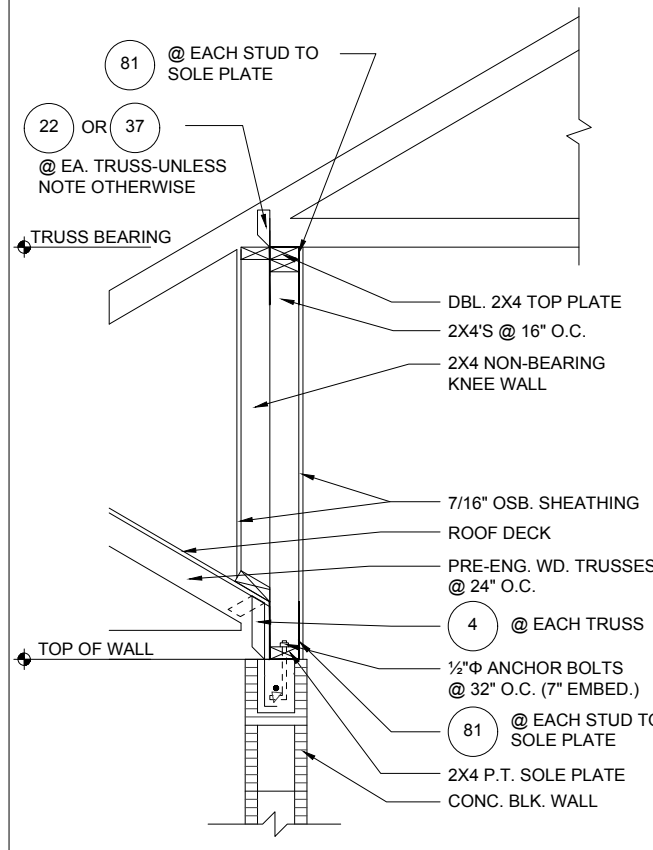
DISCLAIMER: CONTRACTOR/SUB-CONTRACTOR IS RESPONSIBLE TO REVIEW ALL INFORMATION CONTAINED HEREIN PRIOR TO COMMENCEMENT OF CONSTRUCTION. PARK SQUARE HOMES IS NOT RESPONSIBLE FOR ANY MISINTERPRETATIONS, ERRORS, OMISSIONS OR CUSTOM CHANGES MISSED AND NOT REPORTED PRIOR TO CONSTRUCTION. NO EXCEPTIONS.



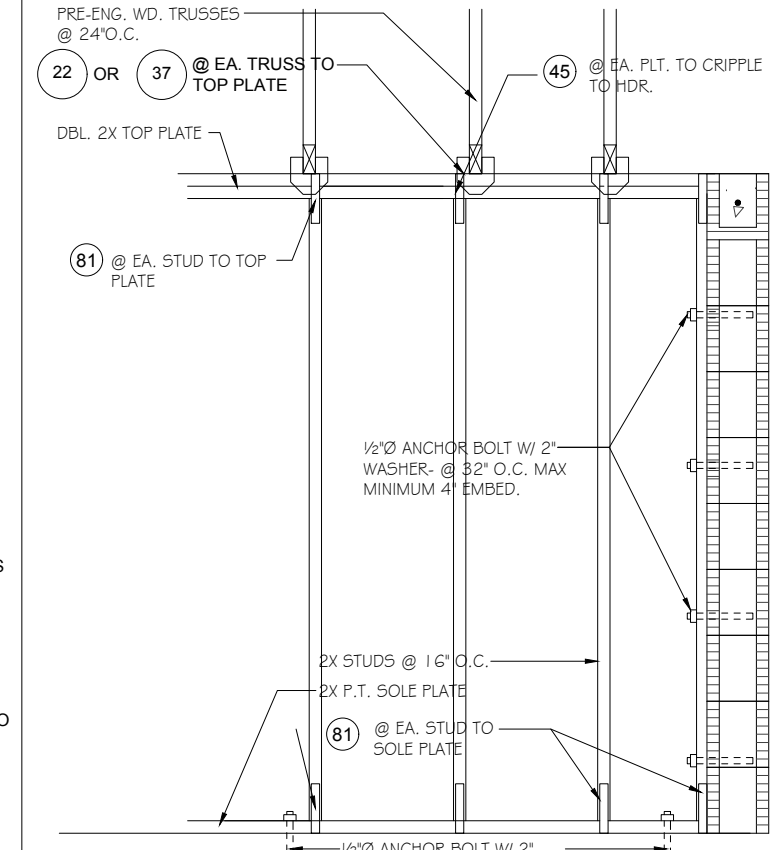
1
D4
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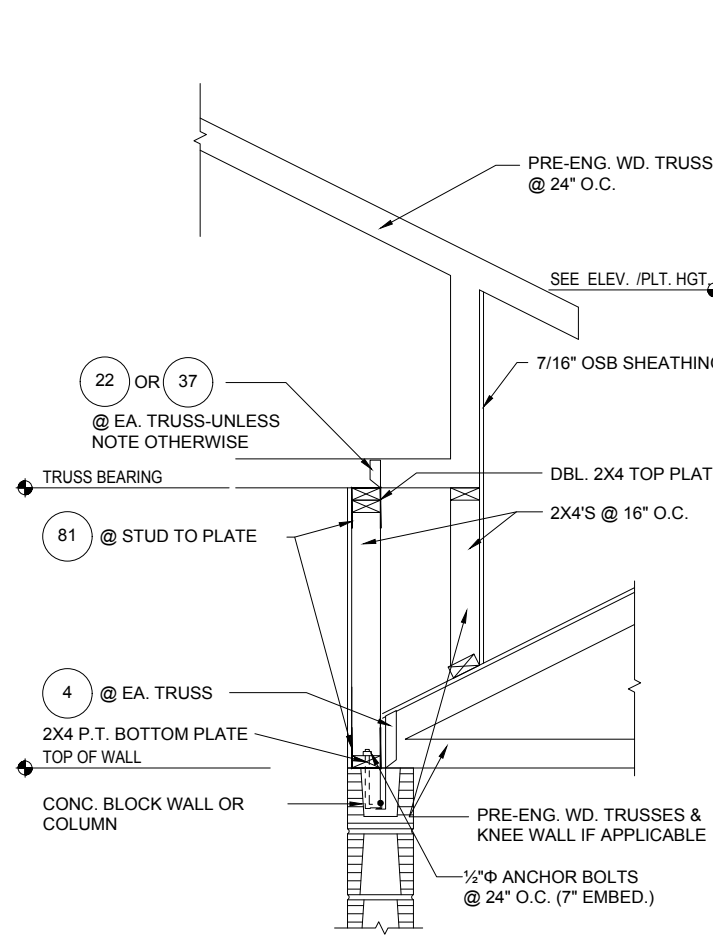
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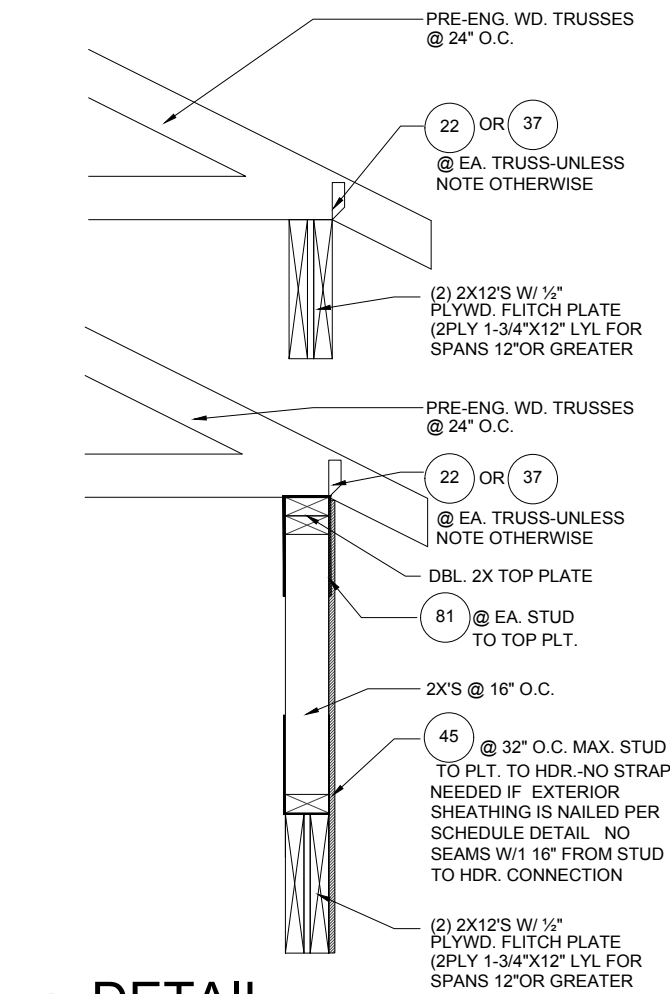
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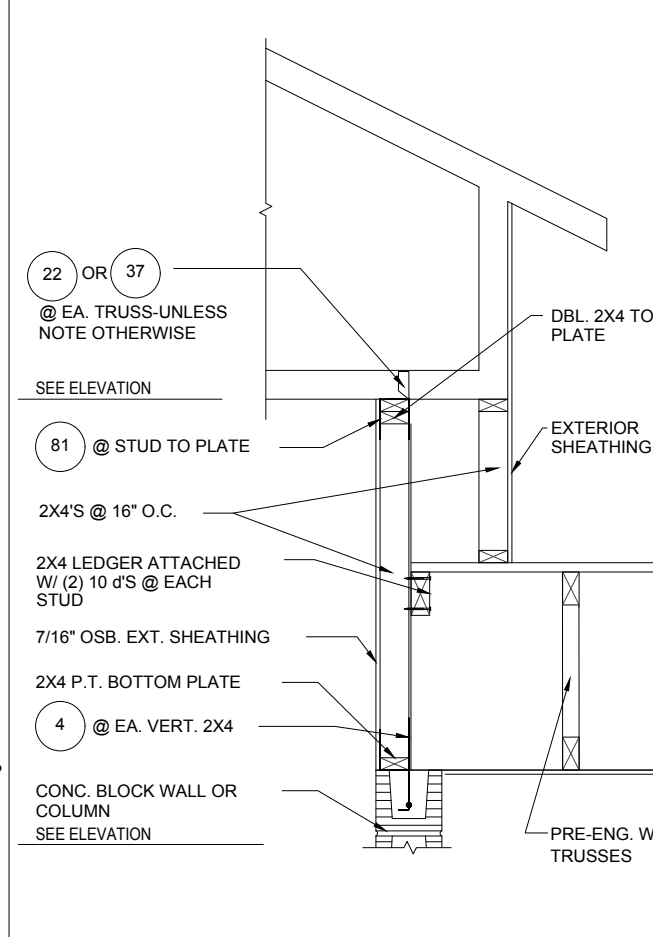
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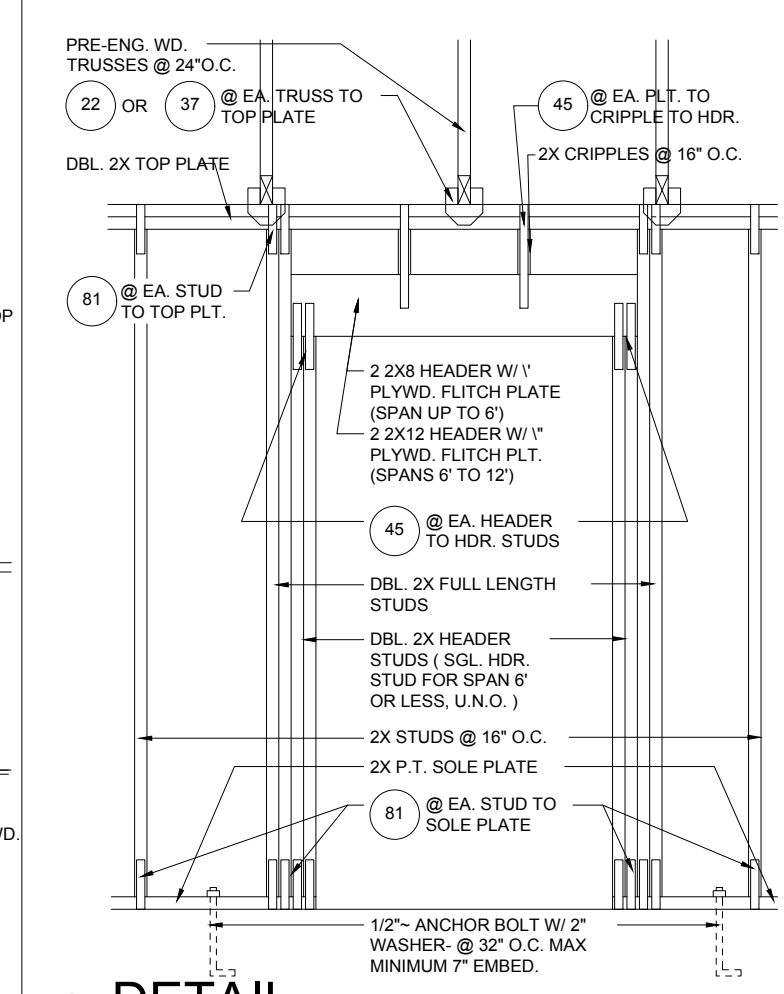
4
D4
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



5
D4
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



6
D4
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



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

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LOT: 0000, COMMUNITY

1860 SKY

40' EXPLORATION SERIES

REVISIONS

DELTA #	DATE

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SCALE: AS NOTED

DRAWN: MR

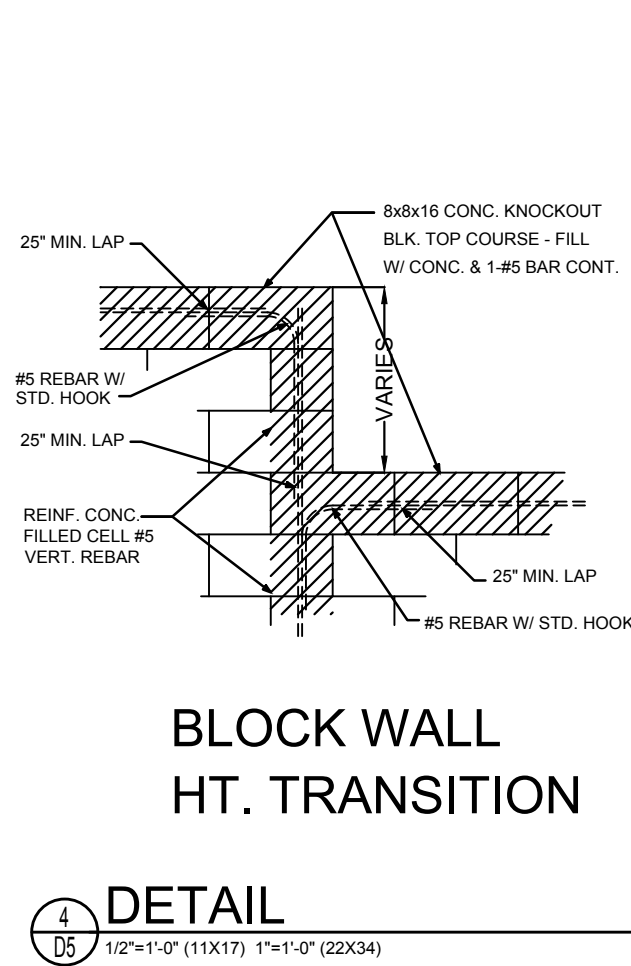
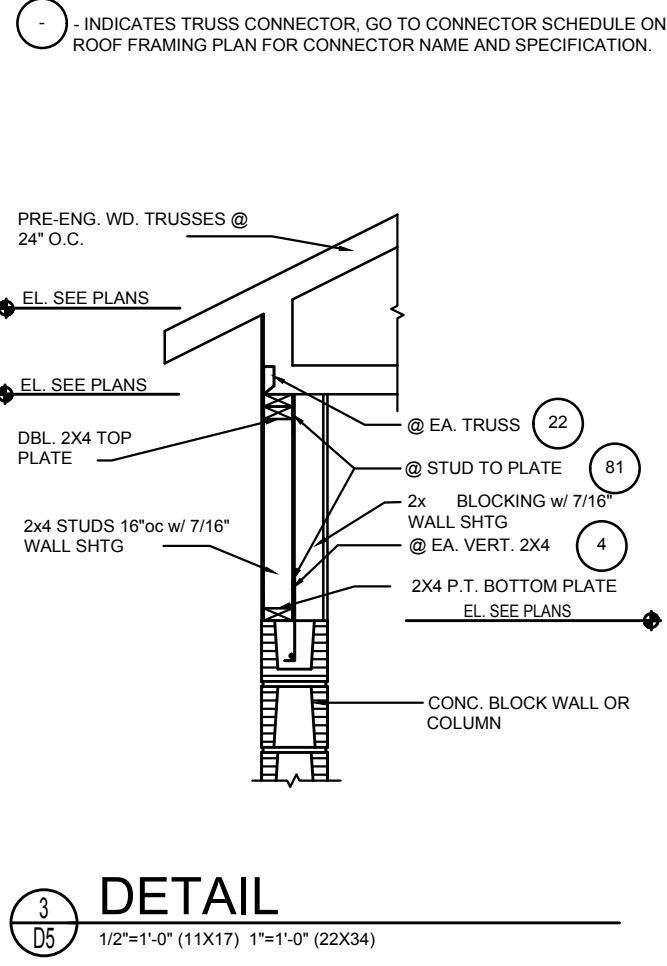
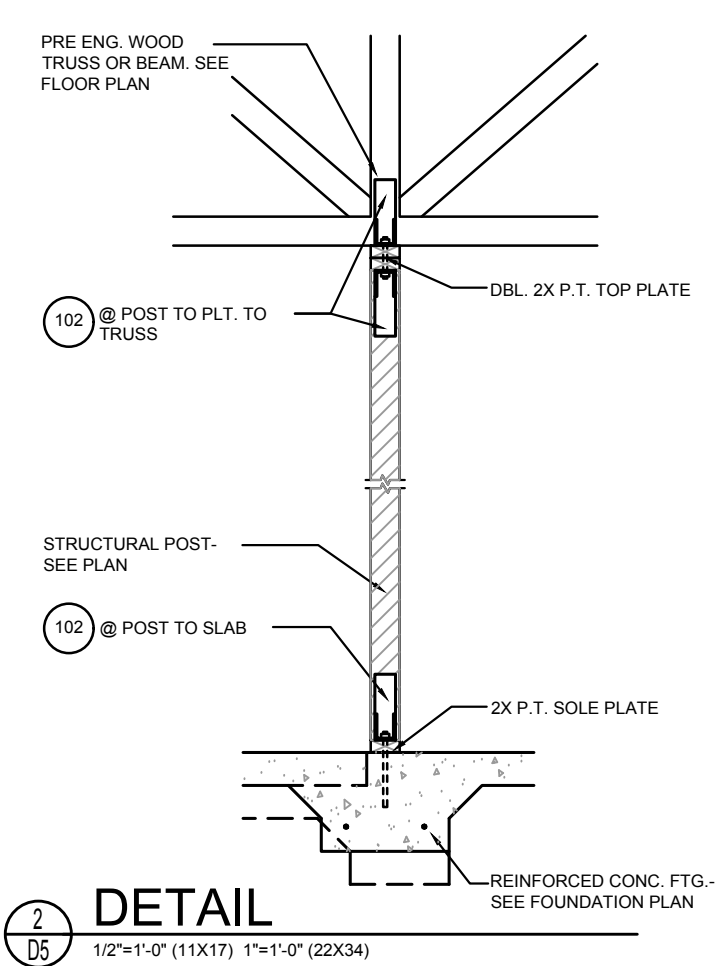
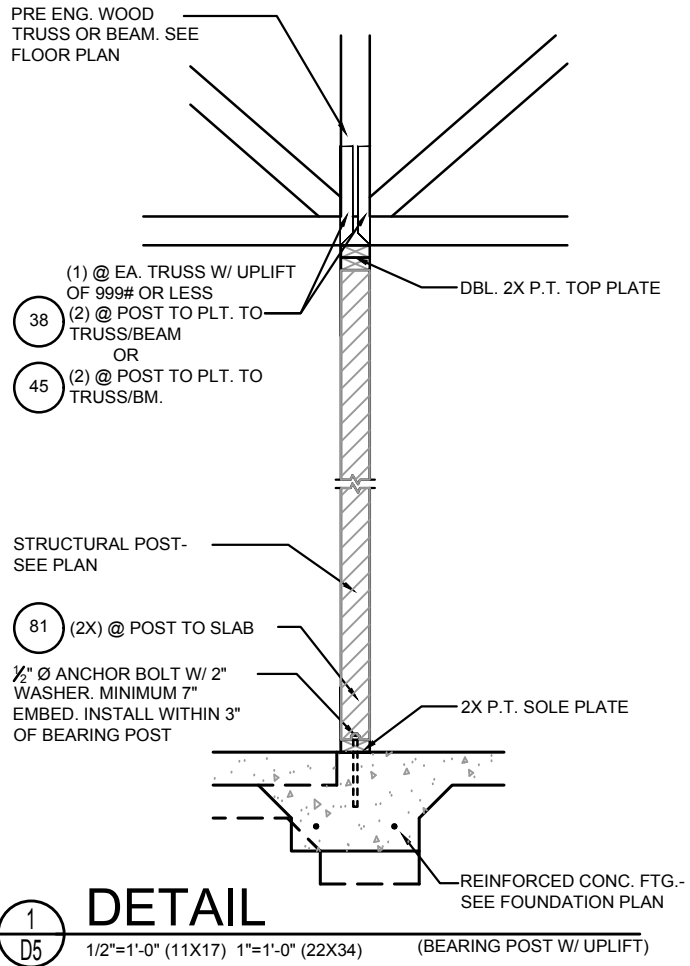
SHEET:

D4

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

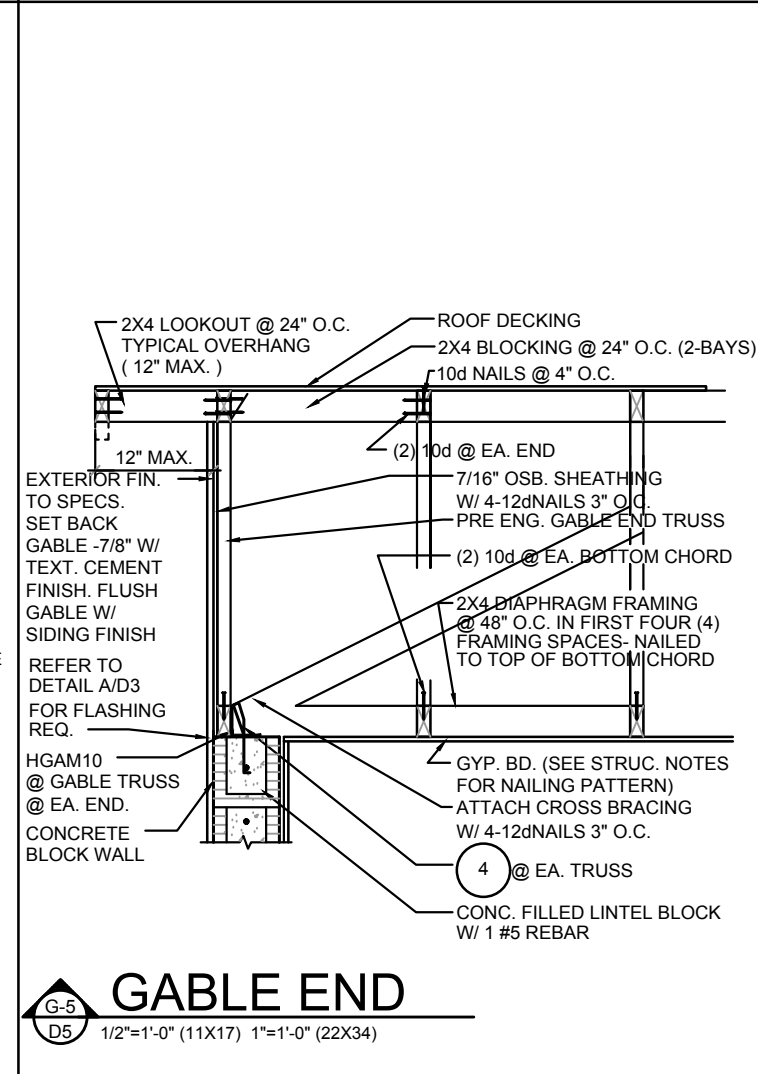
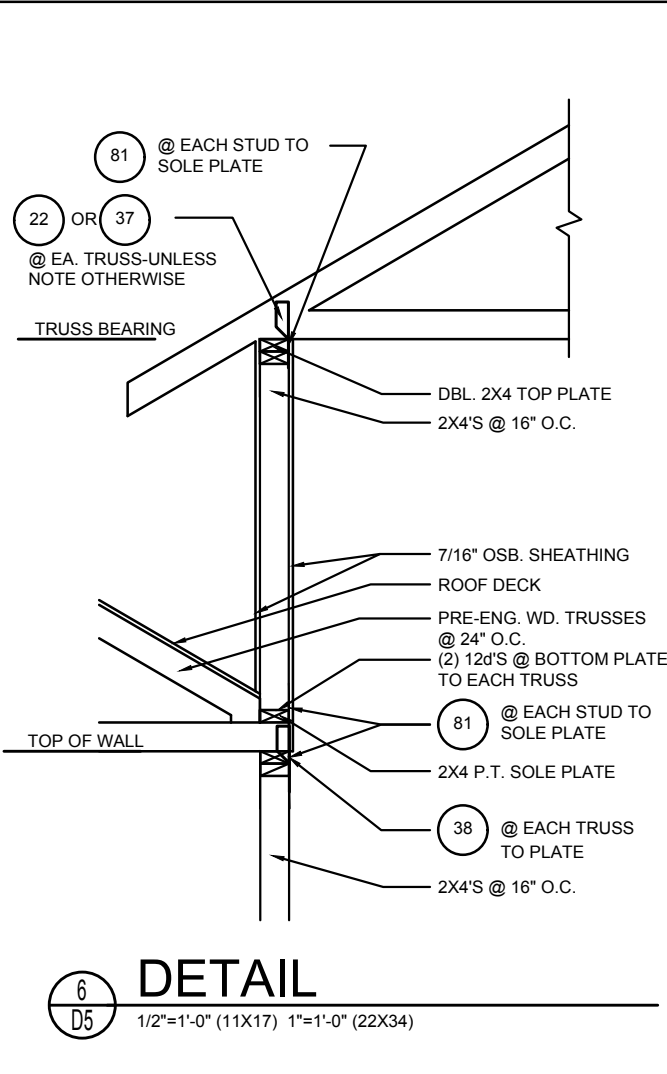
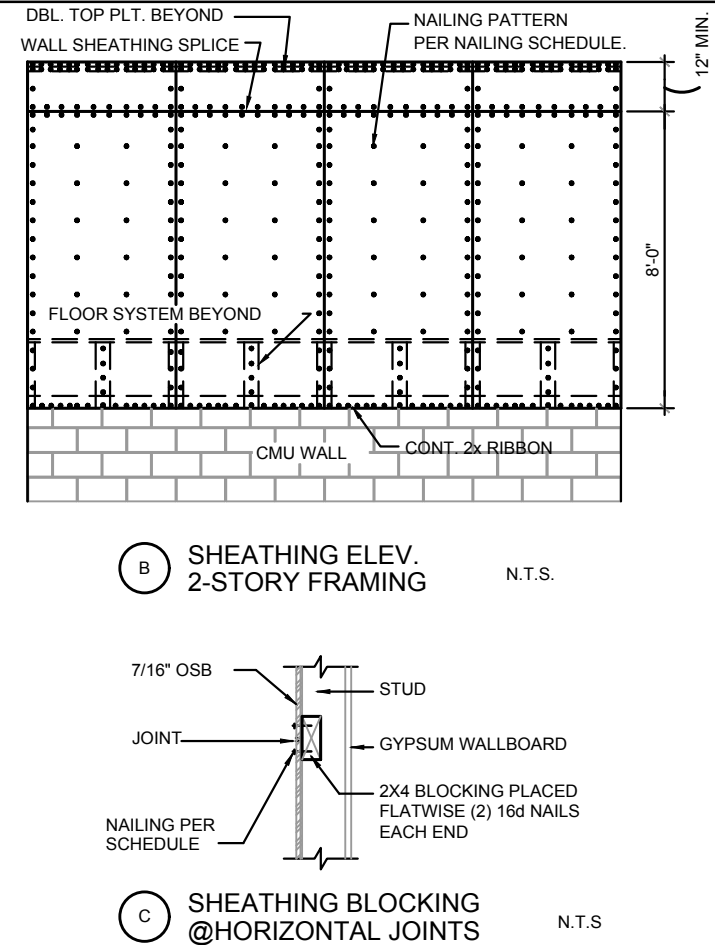
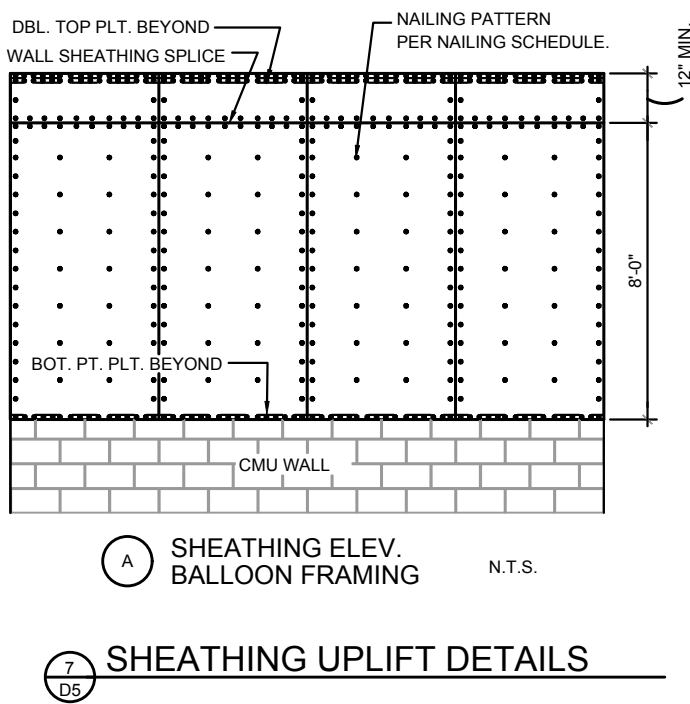
STRUCTURAL DETAILS



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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D5	

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