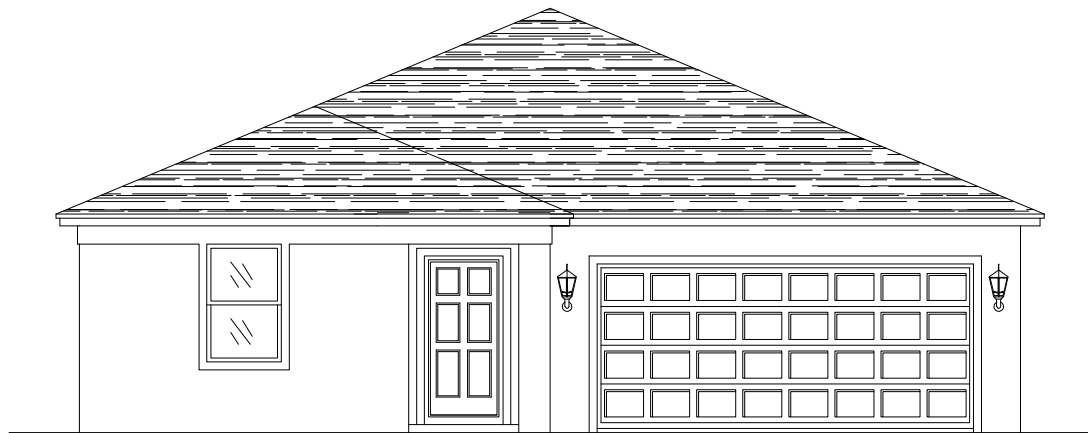


1686  
JOURNEY  
40' EXPLORATION SERIES  
40' X 56'-8"



| REVISION SCHEDULE |          |                   |    |
|-------------------|----------|-------------------|----|
| NO.               | DATE     | DESCRIPTION       | BY |
| 1                 | 09/17/25 | CREATE NEW MASTER | MW |

SHEET INDEX:

|       |                                       |
|-------|---------------------------------------|
| 00    | COVER SHEET                           |
| 00.1  | GENERAL NOTES                         |
| 01.0  | SLAB INTERFACE PLAN "A"               |
| 01.1  | SLAB INTERFACE PLAN "A" W/ LANAI      |
| 02.0  | FLOOR PLAN W/ NOTES "A"               |
| 02.1  | FLOOR PLAN W/ DIMENSIONS "A"          |
| 02.2  | FLOOR PLAN W/ NOTES "A" W/ LANAI      |
| 02.3  | FLOOR PLAN W/ DIMENSIONS "A" W/ LANAI |
| 03.A  | EXTERIOR ELEVS.- FRONT/ REAR "A"      |
| 03.1A | EXTERIOR ELEVS.- LEFT/ RIGHT "A"      |
| 03.2A | EXT. ELEVS.- FRONT/ REAR "A" W/ LANAI |
| 03.3A | EXT. ELEVS.- LEFT/ RIGHT "A" W/ LANAI |
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| 04.1  | ROOF PLAN W/ LANAI                    |
| E1    | UTILITY PLAN "A"                      |
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| AD1   | DETAILS                               |
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| S2    | PRECAST LINTEL LAYOUT "A"             |
| S3    | TRUSS LAYOUT "A"                      |
| D1    | TYPICAL STRUCTURAL DETAILS            |
| D2    | TYPICAL STRUCTURAL DETAILS            |
| D3    | TYPICAL STRUCTURAL DETAILS            |
| D4    | TYPICAL STRUCTURAL DETAILS            |
| D5    | TYPICAL STRUCTURAL DETAILS            |

SHEET INDEX:

|       |                                       |
|-------|---------------------------------------|
| 00    | COVER SHEET                           |
| 00.1  | GENERAL NOTES                         |
| 01.0  | SLAB INTERFACE PLAN "B"               |
| 01.1  | SLAB INTERFACE PLAN "B" W/ LANAI      |
| 02.0  | FLOOR PLAN W/ NOTES "B"               |
| 02.1  | FLOOR PLAN W/ DIMENSIONS "B"          |
| 02.2  | FLOOR PLAN W/ NOTES "B" W/ LANAI      |
| 02.3  | FLOOR PLAN W/ DIMENSIONS "B" W/ LANAI |
| 03.B  | EXTERIOR ELEVS.- FRONT/ REAR "B"      |
| 03.1B | EXTERIOR ELEVS.- LEFT/ RIGHT "B"      |
| 03.2B | EXT. ELEVS.- FRONT/ REAR "B" W/ LANAI |
| 03.3B | EXT. ELEVS.- LEFT/ RIGHT "B" W/ LANAI |
| 04.0  | ROOF PLAN                             |
| 04.1  | ROOF PLAN W/ LANAI                    |
| E1    | UTILITY PLAN "B"                      |
| E1.1  | UTILITY PLAN "B" W/ LANAI             |
| AD1   | DETAILS                               |
| S1    | FOUNDATION PLAN "B"                   |
| S2    | PRECAST LINTEL LAYOUT "B"             |
| S3    | TRUSS LAYOUT "B"                      |
| D1    | TYPICAL STRUCTURAL DETAILS            |
| D2    | TYPICAL STRUCTURAL DETAILS            |
| D3    | TYPICAL STRUCTURAL DETAILS            |
| D4    | TYPICAL STRUCTURAL DETAILS            |
| D5    | TYPICAL STRUCTURAL DETAILS            |

SHEET INDEX:

|       |                                       |
|-------|---------------------------------------|
| 00    | COVER SHEET                           |
| 00.1  | GENERAL NOTES                         |
| 01.0  | SLAB INTERFACE PLAN "C"               |
| 01.1  | SLAB INTERFACE PLAN "C" W/ LANAI      |
| 02.0  | FLOOR PLAN W/ NOTES "C"               |
| 02.1  | FLOOR PLAN W/ DIMENSIONS "C"          |
| 02.2  | FLOOR PLAN W/ NOTES "C" W/ LANAI      |
| 02.3  | FLOOR PLAN W/ DIMENSIONS "C" W/ LANAI |
| 03.C  | EXTERIOR ELEVS.- FRONT/ REAR "C"      |
| 03.1C | EXTERIOR ELEVS.- LEFT/ RIGHT "C"      |
| 03.2C | EXT. ELEVS.- FRONT/ REAR "C" W/ LANAI |
| 03.3C | EXT. ELEVS.- LEFT/ RIGHT "C" W/ LANAI |
| 04.0  | ROOF PLAN                             |
| 04.1  | ROOF PLAN W/ LANAI                    |
| E1    | UTILITY PLAN "C"                      |
| E1.1  | UTILITY PLAN "C" W/ LANAI             |
| AD1   | DETAILS                               |
| S1    | FOUNDATION PLAN "C"                   |
| S2    | PRECAST LINTEL LAYOUT "C"             |
| S3    | TRUSS LAYOUT "C"                      |
| D1    | TYPICAL STRUCTURAL DETAILS            |
| D2    | TYPICAL STRUCTURAL DETAILS            |
| D3    | TYPICAL STRUCTURAL DETAILS            |
| D4    | TYPICAL STRUCTURAL DETAILS            |
| D5    | TYPICAL STRUCTURAL DETAILS            |

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

LOT: 0000, COMMUNITY

|                        |      |
|------------------------|------|
| 1686 JOURNEY           |      |
| 40' EXPLORATION SERIES |      |
| REVISIONS              |      |
| DELTA #                | DATE |
|                        |      |
| DATE: 09-05-25         |      |
| SCALE: AS NOTED        |      |
| DRAWN:                 | MW   |
| SHEET:                 | 00   |

COVER SHEET

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Park Square

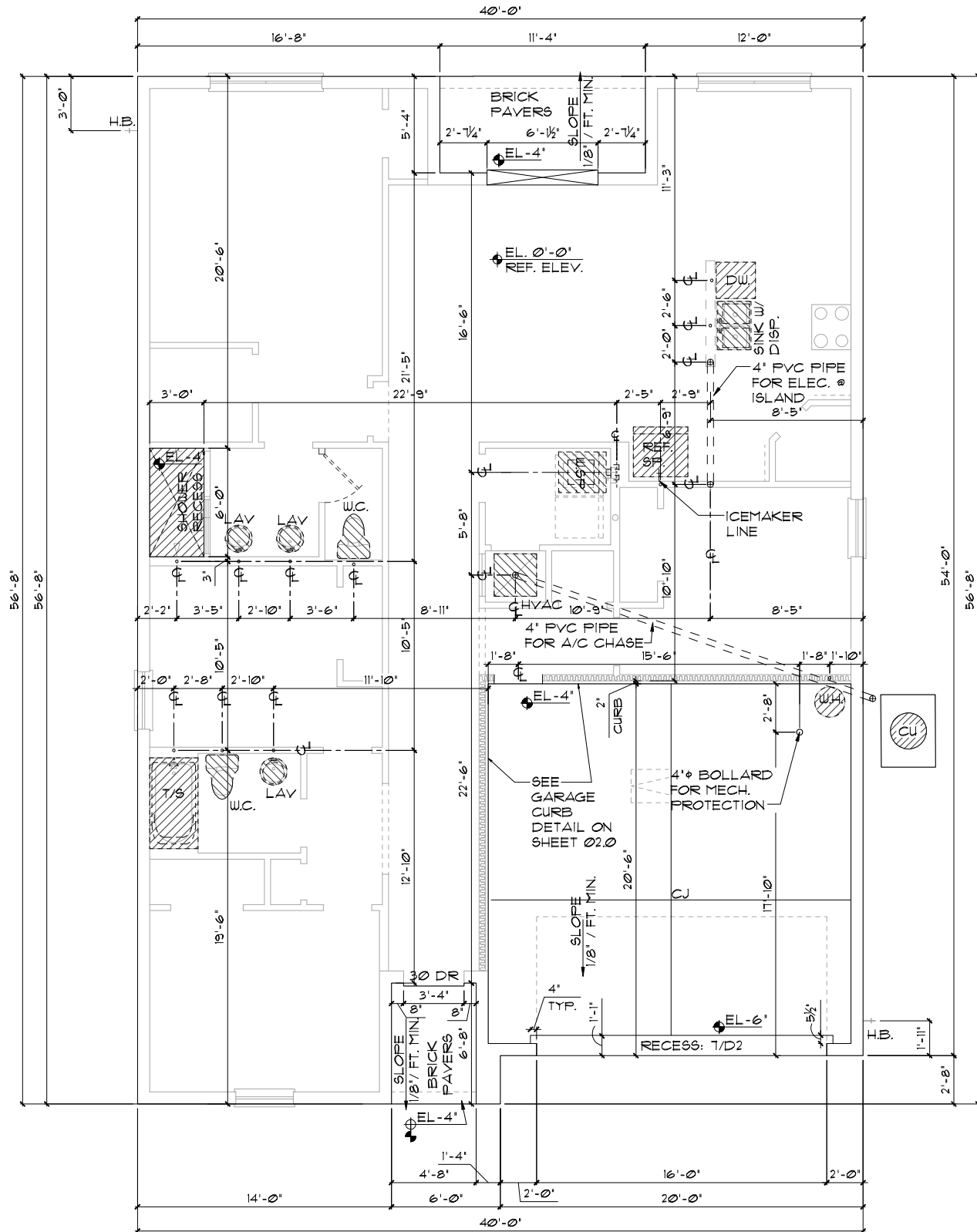
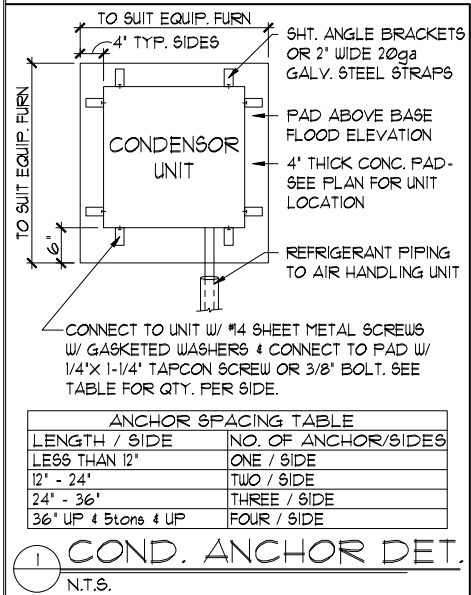
HOMES

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Phone: (407) 529 - 3000





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

- CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
- DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPER-VISOR FOR CLARIFICATION.
- WATER HEATER T & P RELIEF VALVE SHALL BE FULL SIZE TO EXTERIOR. WATER HEATER AT OR ABOVE FLOOR LEVEL SHALL BE IN A PAN WITH DRAIN TO EXTERIOR. WATER HEATER SHALL HAVE APPROVED THERMAL EXPANSION DEVICE.
- PAVERS MAY USE IL.O. CONCRETE SLABS IN PATIO, PORCH, DRIVE AND WALKWAY AREAS. DELETE SLAB IN AREAS PAVERS ARE USED. VERIFY W/ COMMUNITY SPECIFICATIONS
- MECHANICAL EQUIP. LOCATIONS TO BE FIELD VERIFIED & MAY BE DEPENDANT UPON COMMUNITY AND MUNICIPALITY CODES.
- IN LIEU OF TREATING THE SOIL, AN ALTERNATIVE TO TERMITES TREATED SOIL CAN BE TERMITICIDE.
- BORA-CARE TO BE APPLIED ON INTERIOR WALLS IAW MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PURSUANT TO FBC-R- CURRENT EDITION.

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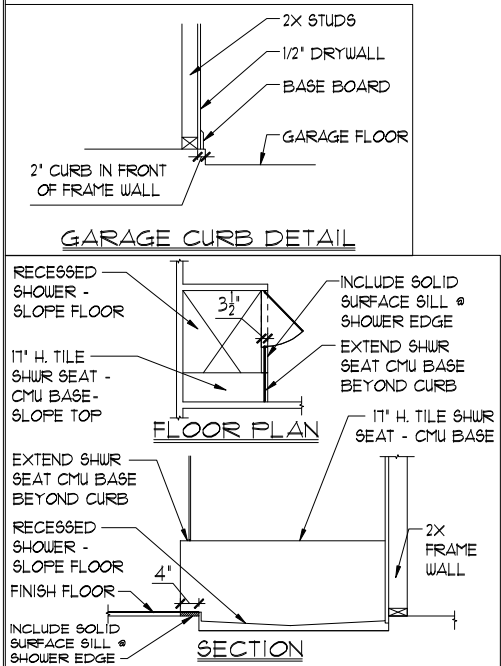
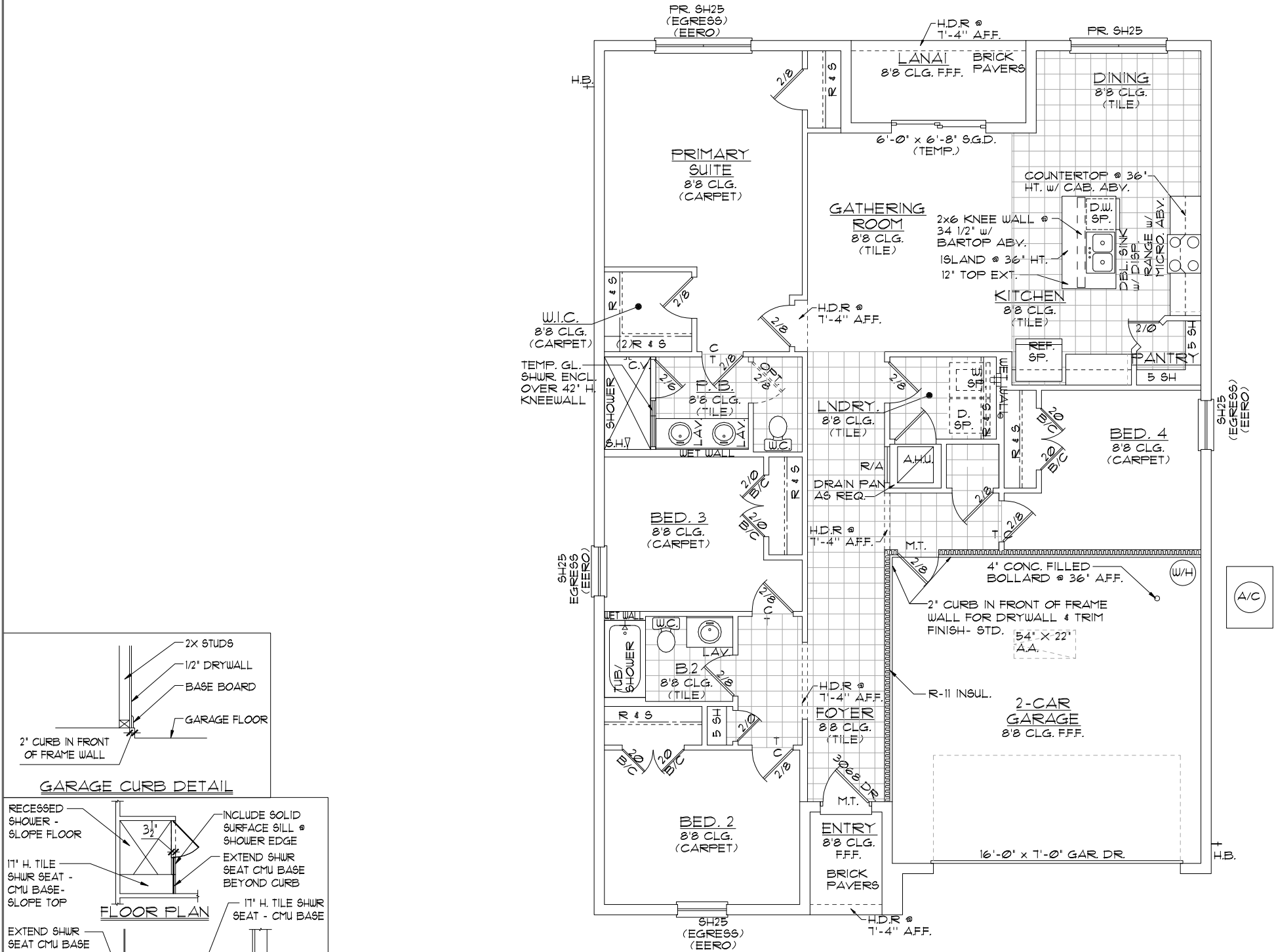
LOT: 0000, COMMUNITY

1686 JOURNEY

| REVISIONS       |      |
|-----------------|------|
| DELTA #         | DATE |
|                 |      |
| DATE: 09-05-20  |      |
| SCALE: AS NOTED |      |
| DRAWN: M        |      |
| SHEET:          |      |

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**TTEG**  
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4401 Vineland Road Suite A6 Orlando, FL 32811  
Ph: (407) 734-1450  
Fax: (407) 734-1790  
[www.tteg.com](http://www.tteg.com)



GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.

2. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.

3. ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3-1/2" UNLESS NOTED OTHERWISE.

4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7-5/8" UNLESS NOTED OTHERWISE.

5. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20 MIN. FIRE RATED IAW R302.51

6. GARAGE SHALL BE SEPARATED FROM THE RESIDENCE & ITS ATTIC AREA BY NOT LESS THAN 1/2" GYP. BD. APPLIED TO THE GAR. SIDE. PROVIDE 5/8" TYPE 'X' GYP. BD. AT CEILING ONLY APPLIED PERPENDICULAR TO CEILING FRAME.

7. PULL ALL DIMENSIONS FROM THE REAR OF THE PLAN.

8. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFO.

WALL LEGEND

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

DENOTES 2x INSULATED FRAME WALL

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

| AREA CALCULATIONS     |           |
|-----------------------|-----------|
| TOTAL LIVING-----     | 1,686 SF. |
| GARAGE-----           | 431 SF.   |
| ENTRY-----            | 36 SF.    |
| LANAI-----            | 60 SF.    |
| TOTAL UNDER ROOF----- | 2,213 SF. |

ELEVATION A,B,C STD

FLOOR PLAN W/ NOTES

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

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LOT: 0000, COMMUNITY

1686 JOURNEY

40' EXPLORATION SERIES

REVISIONS

| DELTA # | DATE     |
|---------|----------|
|         |          |
| DATE:   | 03-05-25 |
| SCALE:  | AS NOTED |
| DRAWN:  | MW       |
| SHEET:  | 02.0     |

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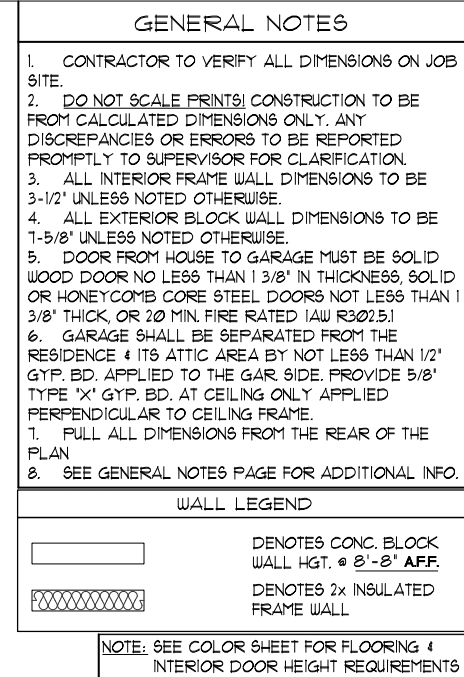
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| AREA CALCULATIONS |          |
|-------------------|----------|
| TOTAL LIVING----- | 1686 SF. |
| GARAGE-----       | 431 SF.  |
| ENTRY-----        | 36 SF.   |
| LANAI-----        | 60 SF.   |
| TOTAL UNDER ROOF  | 2213 SF. |

ELEVATION A,B,C STD  
FLOOR PLAN W/ DIMENSIONS

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

LOT: 0000, COMMUNITY

**MENTS ARE PROHIBITED.**

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FLOOR PLAN  
W/ DIMENSIONS

1686 JOURNEY

## 40' EXPLORATION SERIES

## REVISIONS

| DELTA | DATE |
|-------|------|
|-------|------|

DATE: 09-05-25

SCALE: AS NOTED

DRAWN: MW

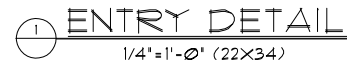
SHEET:

02.1

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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 R103.1.7 & 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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LO 0000, CONTINUATION 1

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**Park Square HOMES**

|                               |  |                     |
|-------------------------------|--|---------------------|
| <b>EXTERIOR ELEVATION</b>     |  | <b>1686 JOURNEY</b> |
| <b>FRONT AND REAR</b>         |  |                     |
| <b>40' EXPLORATION SERIES</b> |  |                     |

| REVISIONS |      |
|-----------|------|
| DELTA #   | DATE |
|           |      |

DATE: 09-05-

SCALE: AS NOTED

DRAWN:

SHEET:

03.A

EXTERIOR ELEVATION  
FRONT AND REAR

1686 JOURNEY  
40' EXPLORATION SERIES

| REVISIONS |      |
|-----------|------|
| DELTA ↓   | DATE |
|           |      |

DATE: 09-05-  
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 SHEET: 03.A

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



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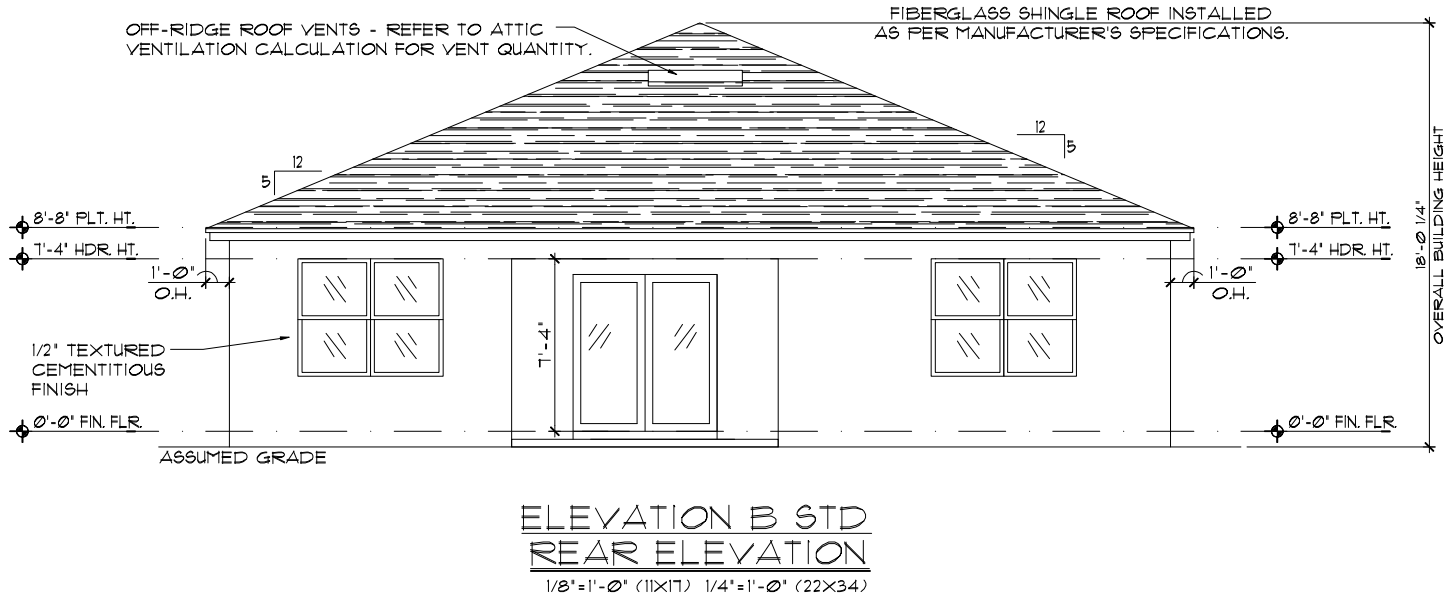
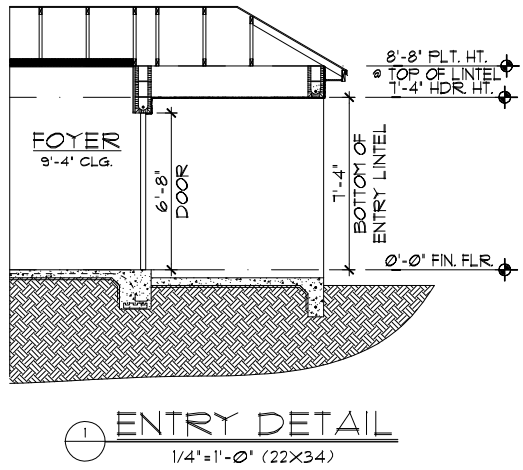
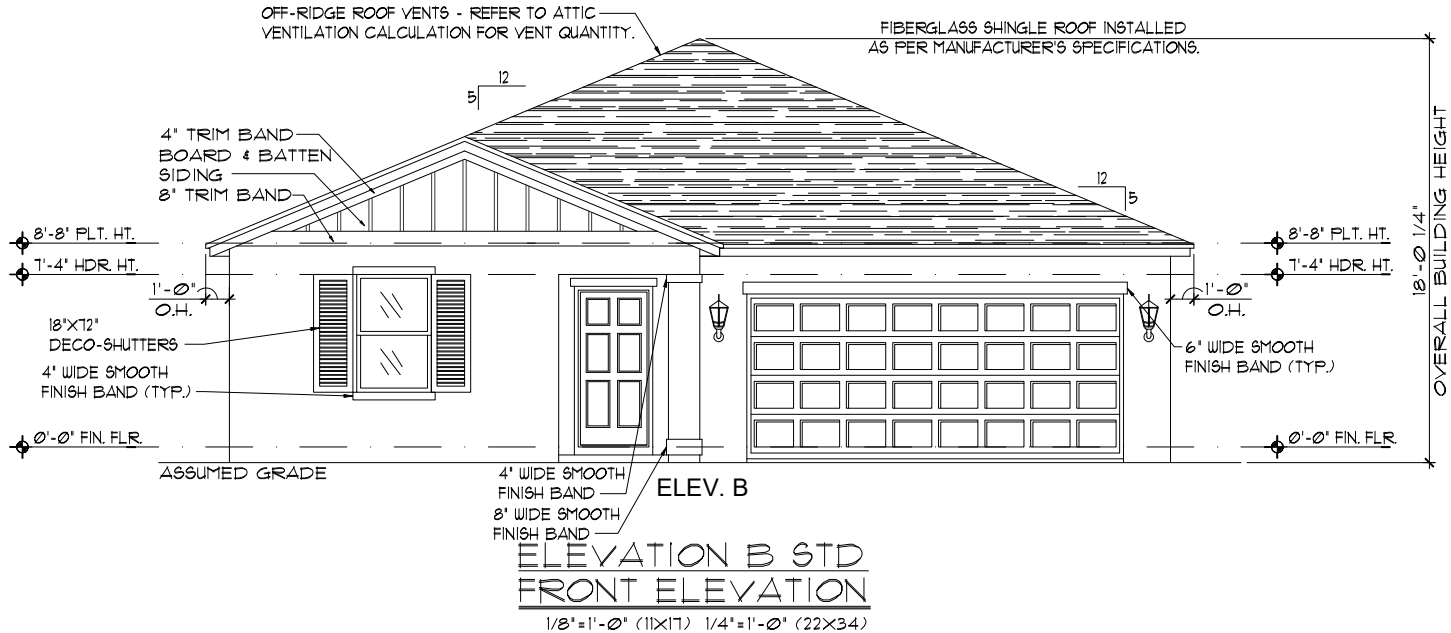
EXTERIOR ELEVATION  
LEFT AND RIGHT

1686 JOURNEY

40' EXPLORATION SERIES

| REVISIONS       |      |
|-----------------|------|
| DELTA #         | DATE |
|                 |      |
| DATE: 09-05-    |      |
| SCALE: AS NOTED |      |
| DRAWN:          |      |
| SHEET:          |      |
| 03.1A           |      |

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

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LOT: 0000, COMMUNITY

1686 JOURNEY

40' EXPLORATION SERIES

REVISIONS

| DELTA # | DATE |
|---------|------|
|         |      |

DATE: 03-05-25

SCALE: AS NOTED

DRAWN: MW

SHEET: 03.B

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EXTERIOR ELEVATION

FRONT AND REAR

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- 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.

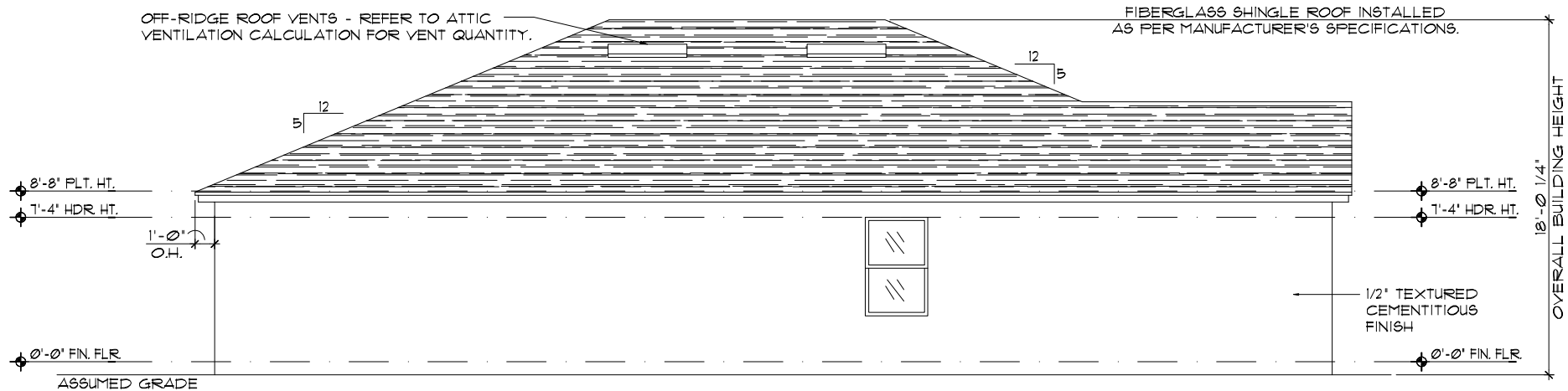
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7. ALL HORIZONTAL & VERTICAL CONTROL JOINTS SHALL BE INSTALLED IAW ASTM 1063.

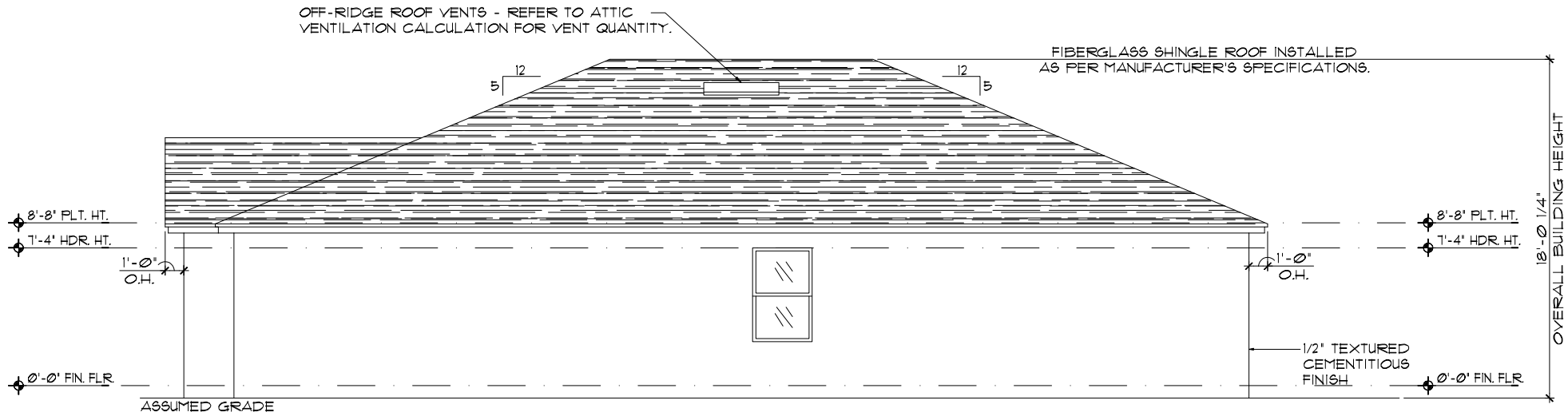
8. ALL FIBER CEMENT SIDING SHALL BE IAW R103.1 OF THE 8TH EDITION, FBC-R, 2023.

9. 'ZIP SYSTEMS' WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR FRAME WALLS.

10. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFORMATION.



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



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

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LOT: 0000, COMMUNITY

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1686 JOURNEY

40' EXPLORATION SERIES

REVISIONS

| DELTA # | DATE |
|---------|------|
|         |      |

DATE: 09-25-25

SCALE: AS NOTED

DRAWN: MW

SHEET: 03.1B

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4401 Vineyard Road Suite A4 Orlando, FL 32811

PH: (407) 734-1400

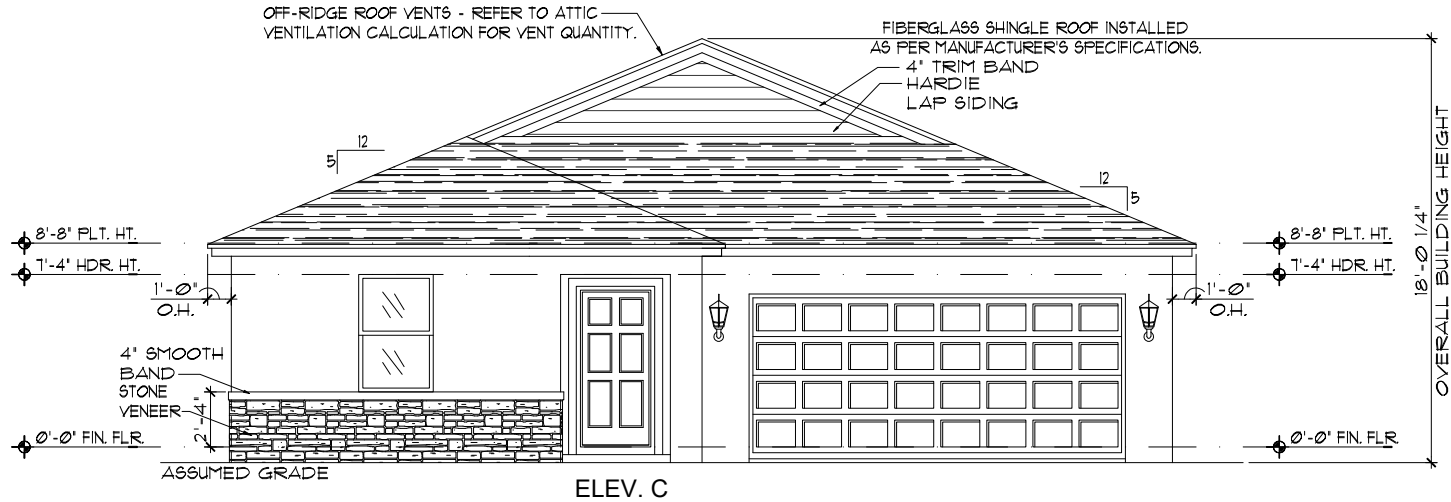
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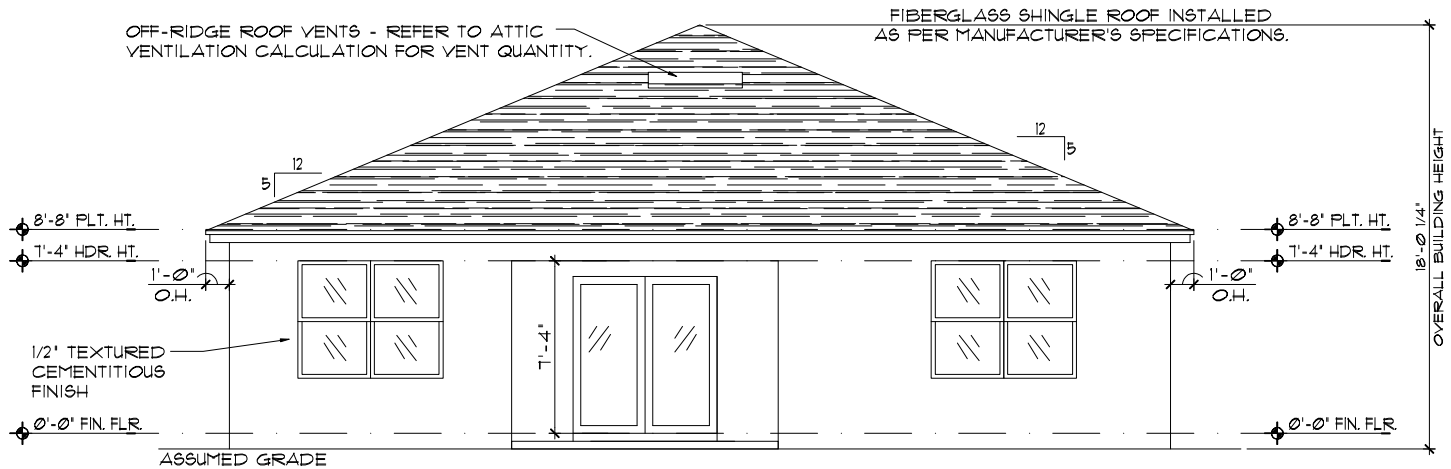
5200 Vineyard Road, Suite 200

Orlando, Florida 32811

Phone: (407) 529 - 3000



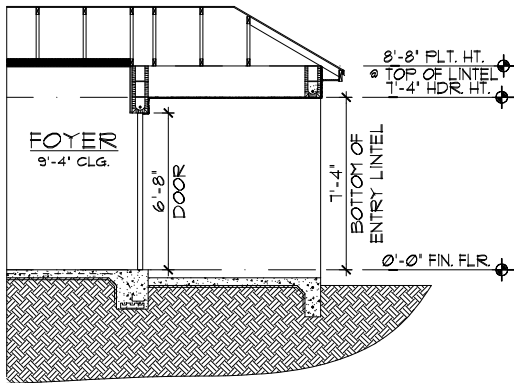
ELEVATION C STD  
FRONT ELEVATION  
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



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

EXTERIOR FINISH NOTES

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



ENTRY DETAIL  
1/4"=1'-0" (22X34)

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Park Square  
HOMES

EXTERIOR ELEVATION  
FRONT AND REAR

1686 JOURNEY

40' EXPLORATION SERIES

REVISIONS

| DELTA # | DATE     |
|---------|----------|
|         |          |
| DATE:   | 03-05-25 |
| SCALE:  | AS NOTED |
| DRAWN:  | MW       |
| SHEET:  |          |

03.C

- 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.

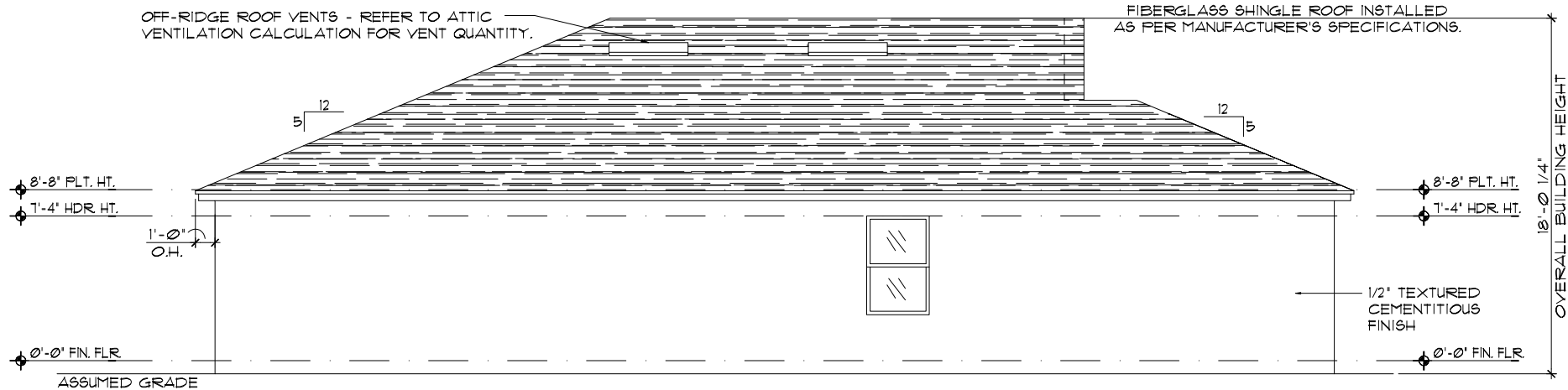
6. WIND RESISTANCE OF WALL COVERINGS & BACK MATERIALS SHALL BE IAW R103.1.2 OF THE 8TH EDITION, FBC-R, 2023.

7. ALL HORIZONTAL & VERTICAL CONTROL JOINTS SHALL BE INSTALLED IAW ASTM 1063.

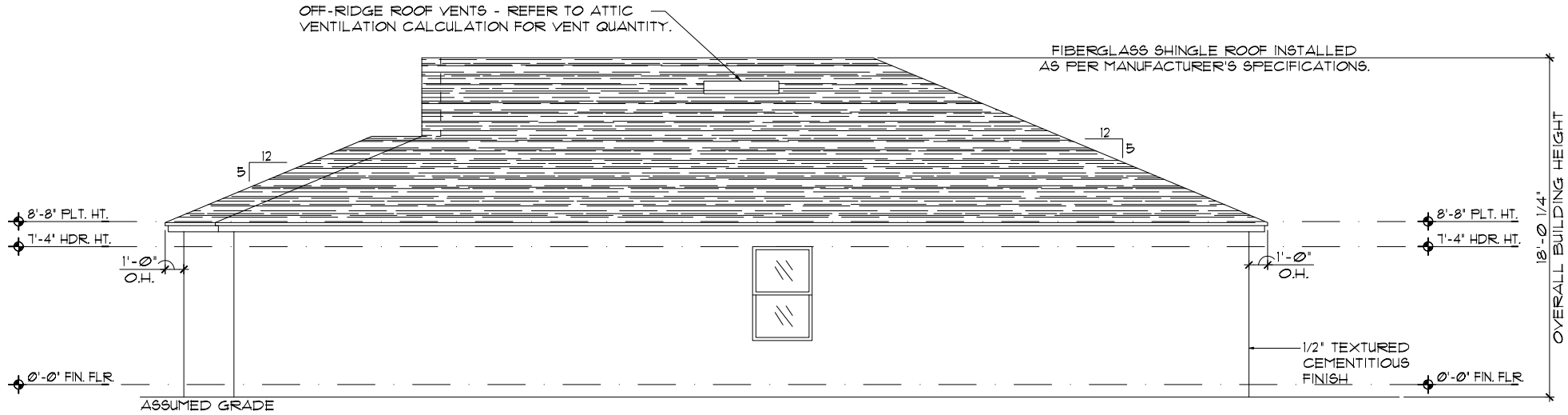
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10. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFORMATION.



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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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SHEET: 03.1C

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Park Square Homes

EXTERIOR ELEVATION LEFT AND RIGHT

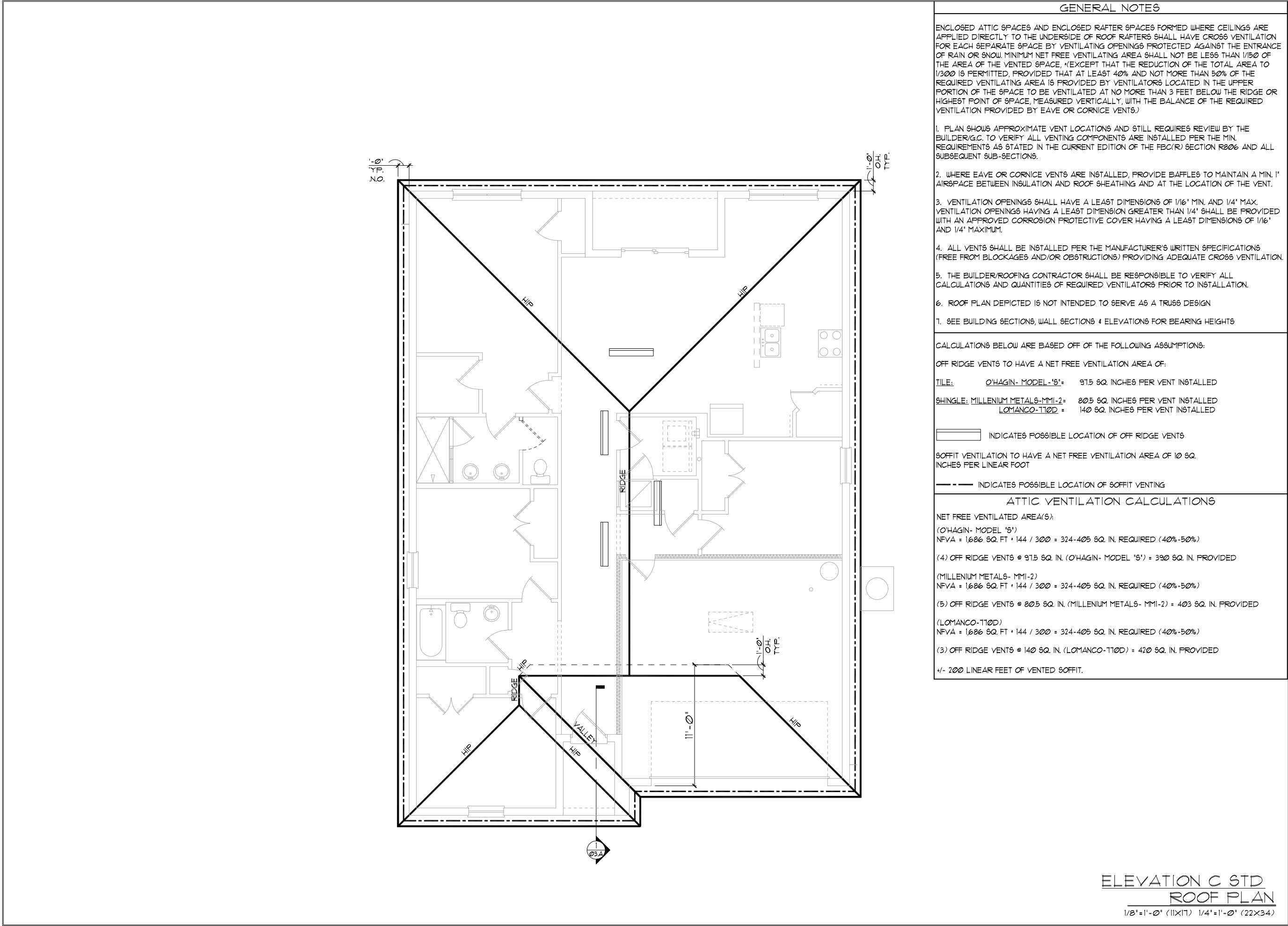




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+/- 200 LINEAR FEET OF VENTED SOFFIT.

40' EXPLORATION SERIES



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 R306 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:

|                                    |                     |                                   |
|------------------------------------|---------------------|-----------------------------------|
| TILE:                              | O'HAGIN- MODEL-'S': | 915 SQ. INCHES PER VENT INSTALLED |
| SHINGLE: MILLENNIUM METALS- MMI-2: |                     | 805 SQ. INCHES PER VENT INSTALLED |
| LOMANCO-T10D :                     |                     | 140 SQ. INCHES PER VENT INSTALLED |

INDICATES POSSIBLE LOCATION OF OFF RIDGE VENTS

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

INDICATES POSSIBLE LOCATION OF SOFFIT VENTING

ATTIC VENTILATION CALCULATIONS

NET FREE VENTILATED AREA(S):

(O'HAGIN- MODEL 'S')

NFVA = 1686 SQ. FT \* 144 / 300 = 324-405 SQ. IN. REQUIRED (40%-50%)

(4) OFF RIDGE VENTS @ 915 SQ. IN. (O'HAGIN- MODEL 'S') = 390 SQ. IN. PROVIDED

(MILLENNIUM METALS- MMI-2)

NFVA = 1686 SQ. FT \* 144 / 300 = 324-405 SQ. IN. REQUIRED (40%-50%)

(5) OFF RIDGE VENTS @ 805 SQ. IN. (MILLENNIUM METALS- MMI-2) = 403 SQ. IN. PROVIDED

(LOMANCO-T10D)

NFVA = 1686 SQ. FT \* 144 / 300 = 324-405 SQ. IN. REQUIRED (40%-50%)

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

4/- 200 LINEAR FEET OF VENTED SOFFIT.

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1686 JOURNEY

40' EXPLORATION SERIES

REVISIONS

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| DATE:   | 09-05-25 |
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| DRAWN:  | MW       |
| SHEET:  | 04.C     |

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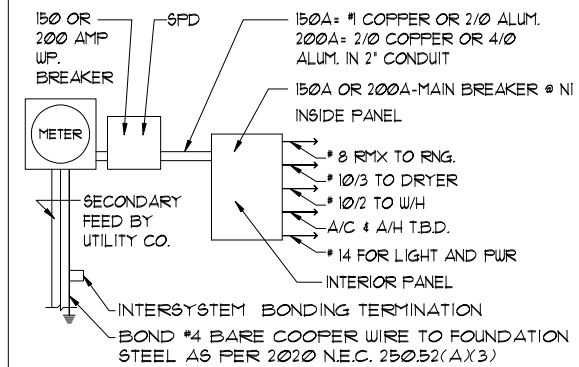
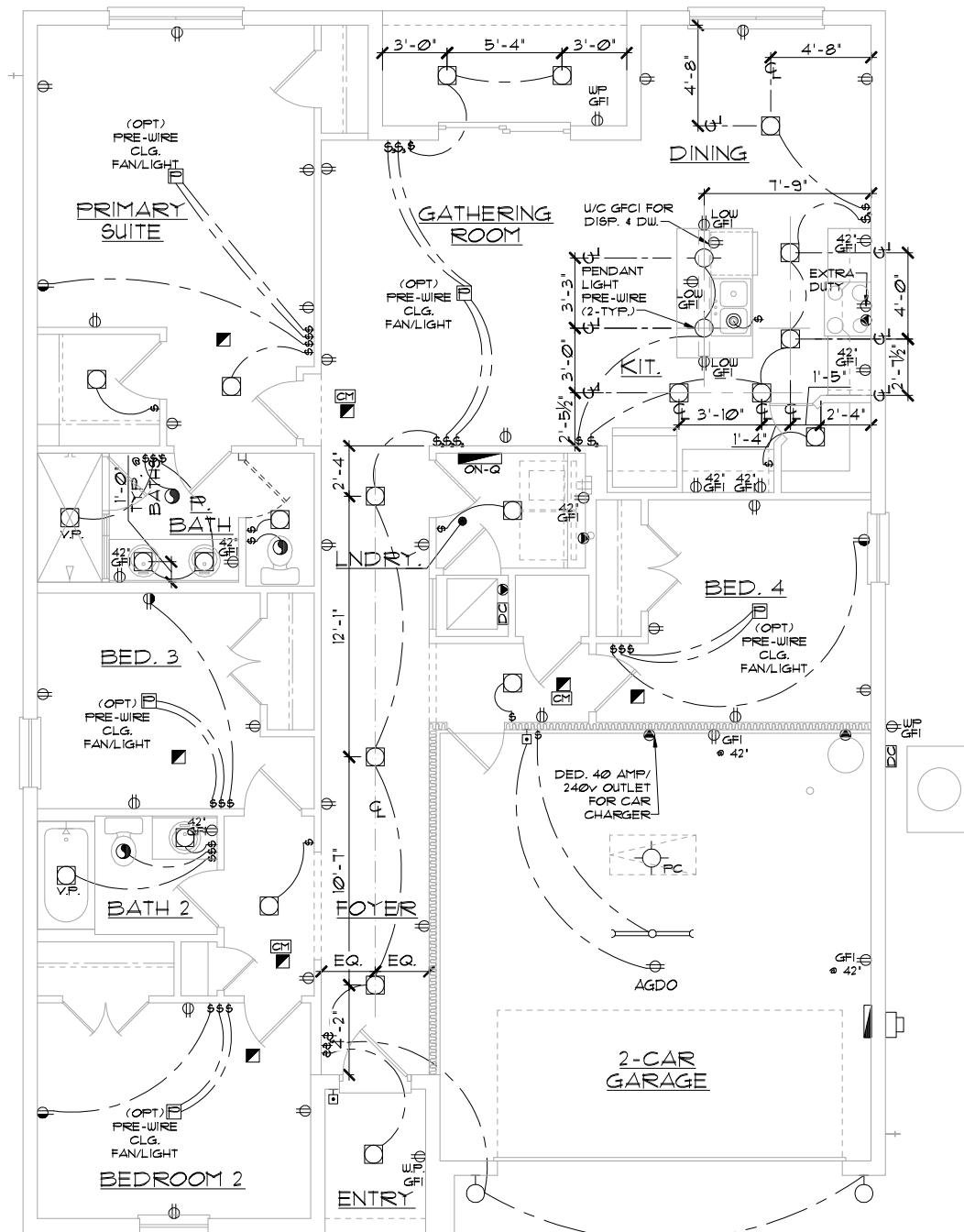
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Phone: (407) 529 - 3000

Park Square HOMES



### ELECTRICAL RISER DIAGRAM

N.T.S.

NOTES:

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

25Ø.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-OFF PANEL                                          |
|  | LED LIGHT FIXTURE, RECESSED     |  | ELECTRICAL PANEL                                      |
|  | LIGHT FIXTURE, RECESSED ADJUST. |  | CEILING FAN, PREWIRE                                  |
|  | LIGHT FIXTURE, PULL CHAIN       |  | CEILING FAN, INSTALL                                  |
|  | LED LIGHT FIXTURE, FLUORESCENT  |  | ELEC. JUNCTION BOX                                    |
|  | LIGHT FIXTURE, EXTERIOR FLOODS  |  | THERMOSTAT                                            |
|  | LIGHT FIXTURE, EMERGENCY EXIT   |  | DISCONNECT SWITCH                                     |
|  | LIGHT FIXTURE, EXIT/BACKUP      |  | ELEC. POWER METER                                     |
|  | OUTLET, TV/CABLE                |                                                                                       |                                                       |

## ELECTRICAL DEVICES

ABOVE FIN. FLR.

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

C.L. = 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, B, C STD

# UTILITY PLAN

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

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[www.teg.com](http://www.teg.com)

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

# UTILITY PLAN

1686 JOURNEY

40' EXPLORATION SERIES

## REVISIONS

| DELTA # | DATE |
|---------|------|
|         |      |

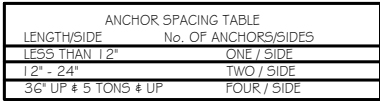
DATE: 09-05-25

SCALE: AS NOTED

DRAWN: MW

SHEET:

E1



1 COND. ANCHOR DETAIL  
N.T.S.

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

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

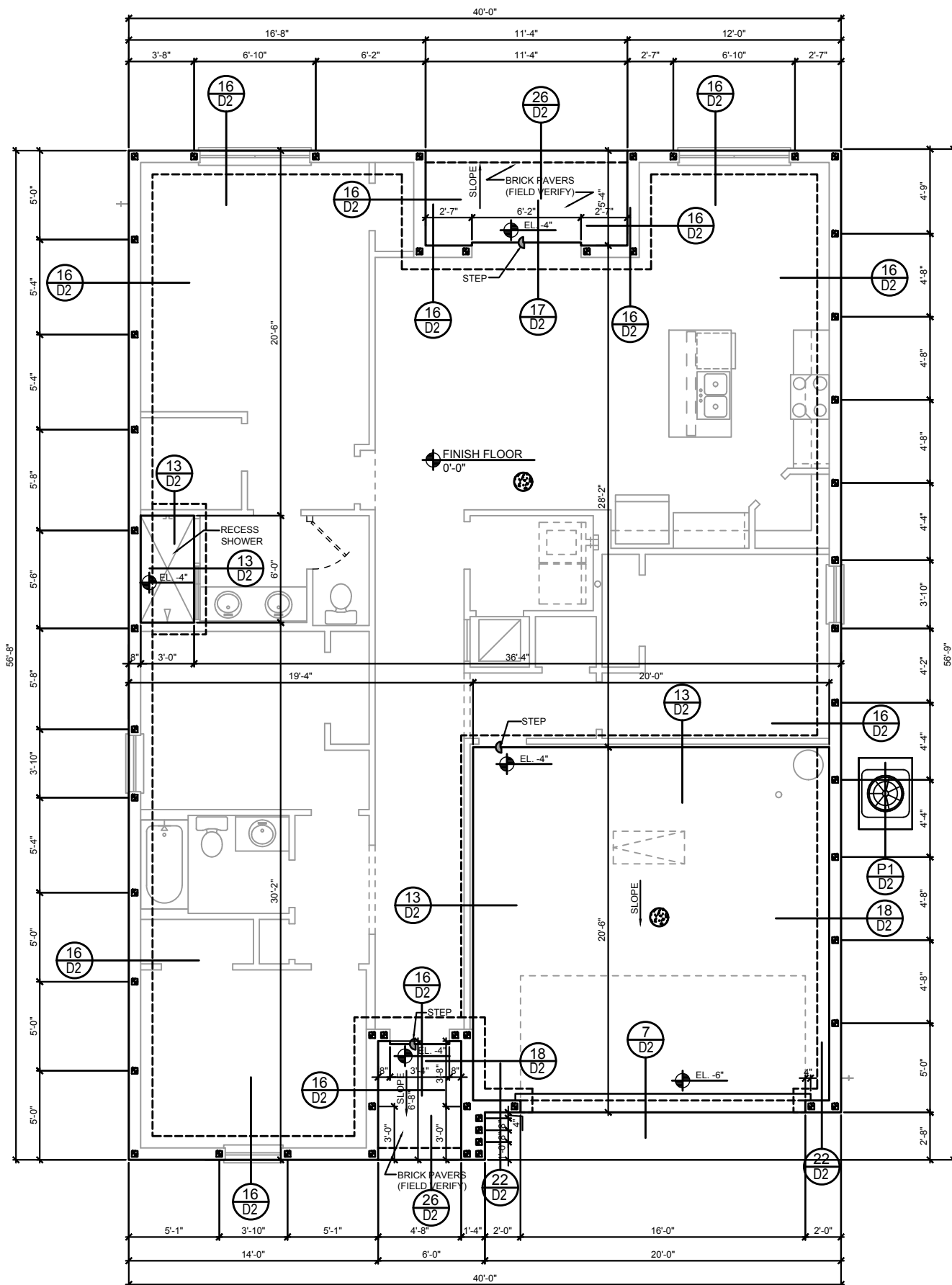
3- PENETRATION OF PLUMBING PIPES/DRYER VENTS THRU PLATES ON A LOAD BEARING WALL MAY OCCUR PROVIDED DBL. STUDS ARE ADDED ON EITHER SIDE OF PENETRATION WITHIN 3" AND TRUSS/FLOOR TRUSS IS NO CLOSER THAN 3" FROM PENETRATION. ADD (1) MTS 12 @ TOP AND BOTTOM PLATE.

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

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 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.



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

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

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**Park Square HOMES**

## FOUNDATION PLAN

# 1686 JOURNEY

## 40' EXPLORATION SERIES

## REVISIONS

DELTA # DATE

DATE: 09-05-2011

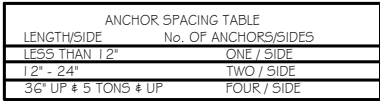
**SCALE: AS NOTE**

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**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 COND. ANCHOR DETAIL  
N.T.S.

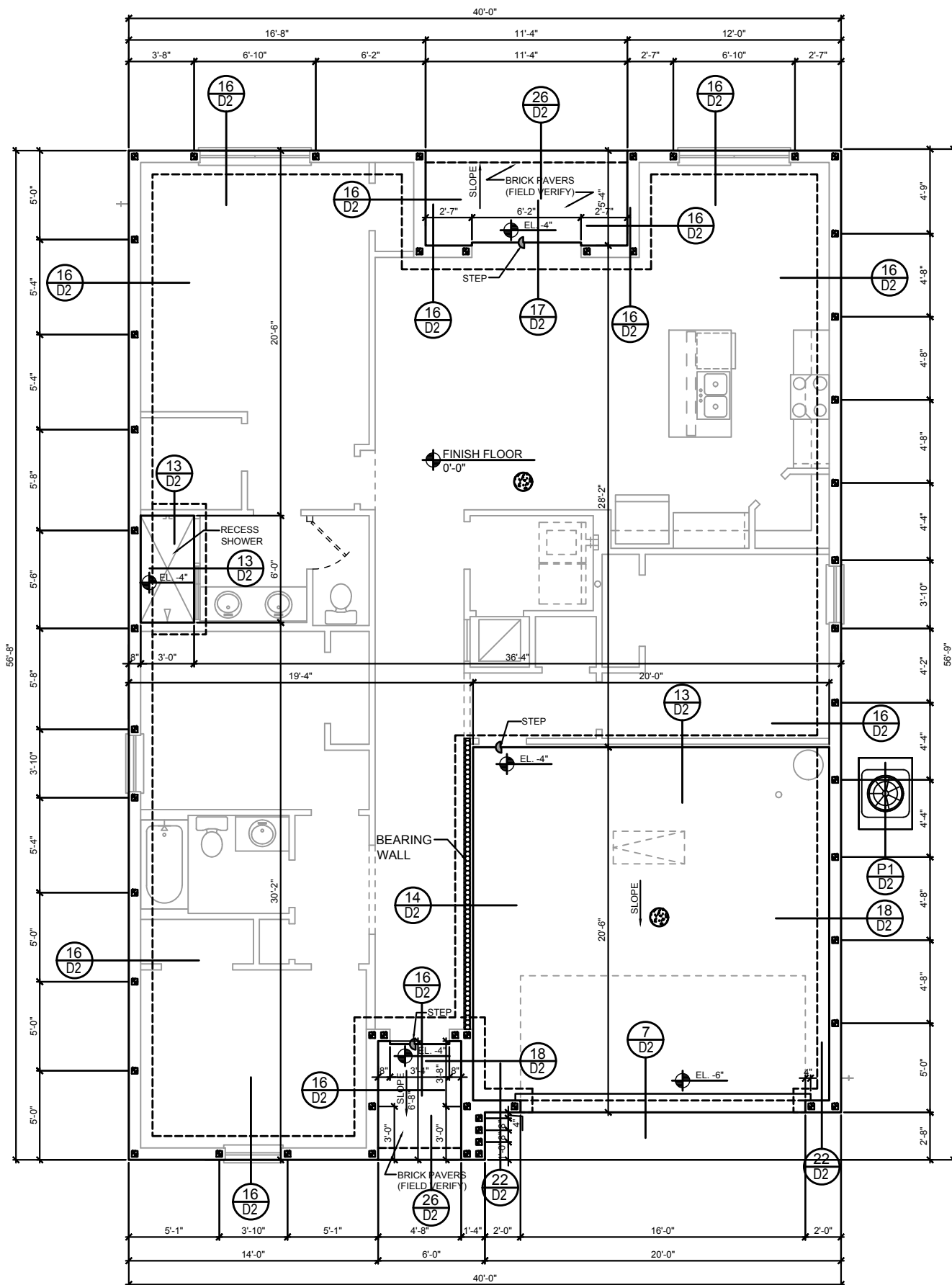
1- MISSED FOOTING DOWELS MAY BE SUBSTITUTED W/ A STRAIGHT #5 REBAR SET IN A 3/4" DIA. x 6" DEEP HOLE FILLED W/ UNITEX PROPOXY 300 OR SIMPSON SET OR ETF ADHESIVES.

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

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

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

1. CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
2.  DENOTES FILL CELL REIN. W/ CONC. W/ 1- #5 REBAR. GRADE 60.  
DENOTES FILL CELL RE. NE\_ W/ CONC. W/ 2-#5 REBAR. GRADE 60.
3.  DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2,500 P.S.I. 4" THICK WITH G&G 1010 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 SUPERVISOR 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.



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

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

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

**LOT: 0000, COMMUNITY**

|                                                                                     |                         |             |                               |
|-------------------------------------------------------------------------------------|-------------------------|-------------|-------------------------------|
|  | <b>1686 JOURNEY</b>     |             | <b>40' EXPLORATION SERIES</b> |
|                                                                                     | <b>FOUNDATIONS PLAN</b> |             |                               |
|                                                                                     | <b>REVISIONS</b>        |             |                               |
|                                                                                     | <b>DELTA #</b>          | <b>DATE</b> |                               |
| <b>DATE:</b> 03-05-                                                                 | <b>SCALE:</b> AS NOTED  |             | <b>DRAWN:</b>                 |
| <b>SHEET:</b>                                                                       |                         |             |                               |

**ITTEG**  
THOMPSON ENGINEERING GROUP, INC.  
4401 Vindeland Road Suite A6 Orlando, FL 32811  
Ph: (407) 734-1450  
Fax: (407) 734-1790  
[www.tegill.com](http://www.tegill.com)

**A DIVISION OF PARK SQUARE  
ENTERPRISES, INC.  
5200 Vineland Road, Suite 2000  
Orlando, Florida 32811  
Phone: (407) 529 - 3000**

**Park Square HOMES**

# FOUNDATION PLAN

# 1686 JOURNEY

## 40' EXPLORATION SERIES

## REVISIONS

DELTA # DATE

DATE: 09-05-2011

**SCALE: AS NOTE**

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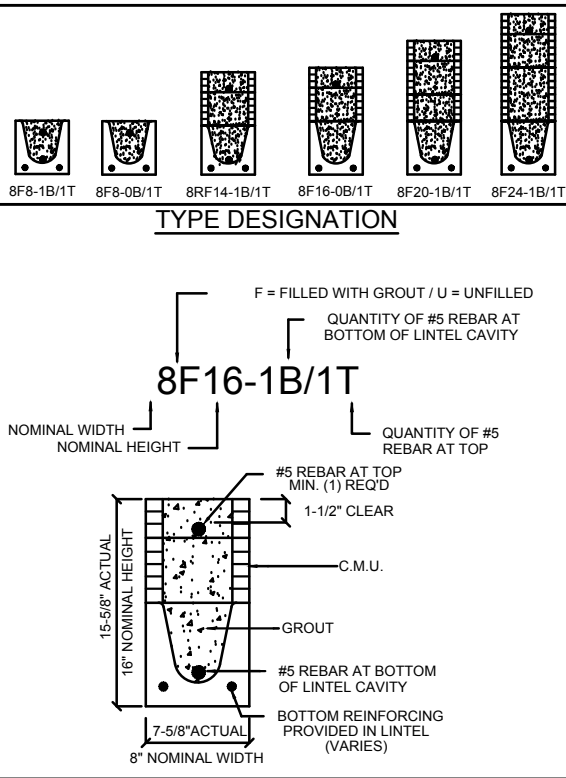
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| SAFE LOAD TABLES<br>FOR GRAVITY, UPLIFT & LATERAL LOADS |      |        |         |         |         |         |         |         |  |  |  |
|---------------------------------------------------------|------|--------|---------|---------|---------|---------|---------|---------|--|--|--|
| 8" PRECAST & PRESTRESSED U-LINTELS                      |      |        |         |         |         |         |         |         |  |  |  |
| GRAVITY                                                 |      |        |         |         |         |         |         |         |  |  |  |
| LENGTH \ TYPE                                           | 8U8  | 8F8-0B | 8F12-0B | 8F16-0B | 8F20-0B | 8F24-0B | 8F28-0B | 8F32-0B |  |  |  |
| 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   | 9668    |  |  |  |
| 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      |  |  |  |
|                                                         |      | 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 |  |  |  |
| 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   | 1484    | 2110    | 2741    | 3375    | 4010    | 4648    | 505  | 505  |  |  |
| 5'-10" (70") PRECAST               | 1272   | 1357    | 1930    | 2505    | 3084    | 3665    | 4247    | 418  | 418  |  |  |
| 6'-6" (78") PRECAST                | 1141   | 1200    | 1733    | 2250    | 2769    | 3290    | 3812    | 707  | 887  |  |  |
| 7'-6" (90") PRECAST                | 990    | 1029    | 1468    | 1907    | 2351    | 2797    | 3245    | 591  | 657  |  |  |
| 9'-4" (112") PRECAST               | 801    | 755     | 1192    | 1550    | 1910    | 2271    | 2634    | 454  | 630  |  |  |
| 10'-6" (126") PRECAST              | 716    | 498     | 793     | 1027    | 1261    | 1496    | 1731    | 396  | 493  |  |  |
| 11'-4" (136") PRECAST              | 666    | 439     | 696     | 899     | 1104    | 1309    | 1515    | 363  | 556  |  |  |
| 12'-0" (144") PRECAST              | 607    | 400     | 631     | 816     | 1001    | 1186    | 1372    | 340  | 494  |  |  |
| 13'-4" (160") PRECAST              | 573    | 409     | 682     | 1004    | 1367    | 1637    | 1897    | 302  | 398  |  |  |
| 14'-0" (168") PRECAST              | 458    | 316     | 493     | 635     | 778     | 922     | 1065    | 286  | 360  |  |  |
| 14'-8" (176") PRESTRESSED          | 243    | 378     | 459     | 591     | 724     | 857     | 990     | N.R. | 357  |  |  |
| 15'-4" (184") PRESTRESSED          | 228    | 278     | 430     | 553     | 677     | 801     | 925     | N.R. | 327  |  |  |
| 17'-4" (208") PRESTRESSED          | 188    | 236     | 361     | 464     | 567     | 670     | 774     | N.R. | 255  |  |  |
| 19'-4" (232") PRESTRESSED          | 165    | 207     | 313     | 401     | 490     | 578     | 667     | N.R. | 204  |  |  |
| 21'-4" (256") PRESTRESSED          | 145    | 186     | 278     | 356     | 433     | 512     | 590     | N.R. | 172  |  |  |
| 22'-0" (264") PRESTRESSED          | 137    | 205     | 322     | 457     | 607     | 771     | 947     | N.R. | 161  |  |  |
| 24'-0" (288") PRESTRESSED          | 127    | 165     | 244     | 312     | 380     | 447     | 515     | 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.

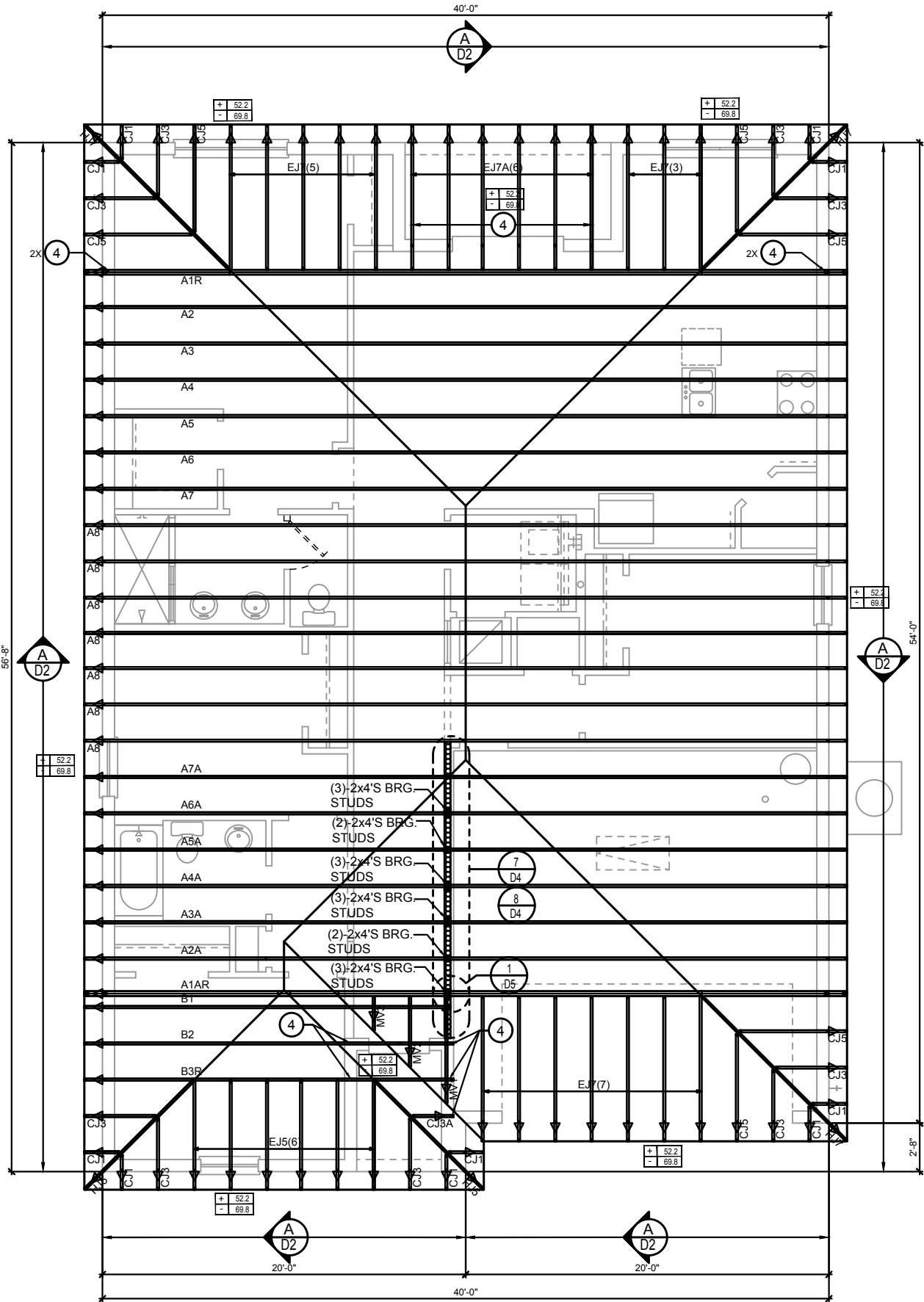
| 8" PRECAST W/ 2" RECESS DOOR U-LINTELS |         |          |          |          |          |          |          |      |      |  |  |
|----------------------------------------|---------|----------|----------|----------|----------|----------|----------|------|------|--|--|
| UPLIFT                                 |         |          |          |          |          |          |          |      |      |  |  |
| LENGTH \ TYPE                          | 8RF8-1T | 8RF10-1T | 8RF14-1T | 8RF18-1T | 8RF22-1T | 8RF26-1T | 8RF30-1T | 8RU6 | 8RF6 |  |  |
| 4'-4" (52") PRECAST                    | 1244    | 1573     | 2413     | 3260     | 4112     | 4967     | 5825     | 932  | 932  |  |  |
| 4'-6" (54") PRECAST                    | 1192    | 1507     | 2311     | 3121     | 3937     | 4756     | 5577     | 853  | 853  |  |  |
| 5'-8" (68") PRECAST                    | 924     | 1172     | 1795     | 2423     | 3055     | 3689     | 4325     | 501  | 501  |  |  |
| 5'-10" (70") PRECAST                   | 896     | 1138     | 1742     | 2352     | 2965     | 3581     | 4198     | 469  | 469  |  |  |
| 6'-8" (80") PRECAST                    | 778     | 882      | 1513     | 2042     | 2573     | 3107     | 3642     | 830  | 1100 |  |  |
| 7'-6" (90") PRECAST                    | 778     | 956      | 1468     | 1987     | 2509     | 3035     | 3563     | 710  | 941  |  |  |
| 9'-8" (116") PRECAST                   | 533     | 433      | 808      | 1123     | 1413     | 1704     | 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 | GAR      |

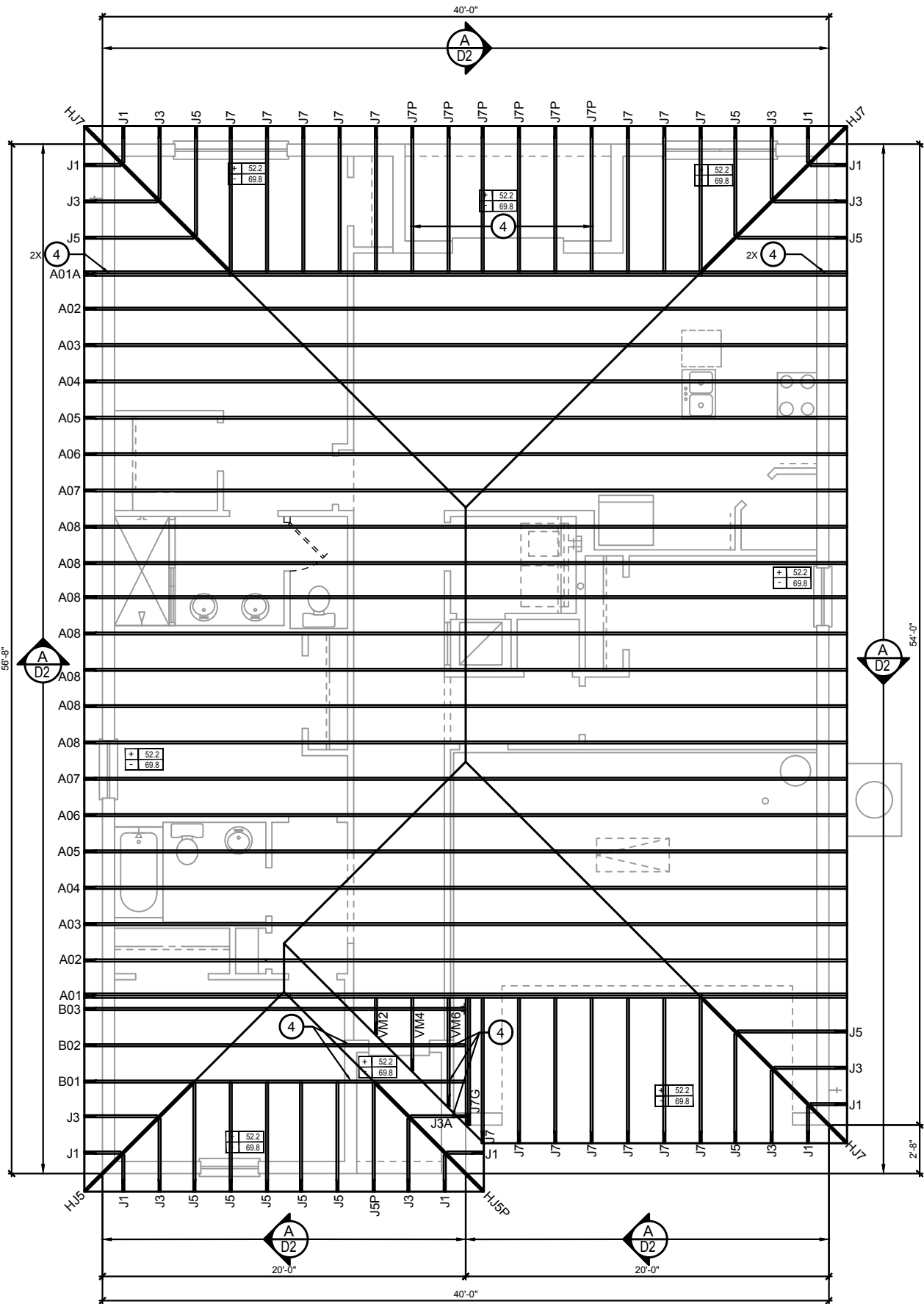
CONNECTOR SCHEDULE

| 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<br>STUD:(3) 7/8"x5½" BOLTS | 7,910       | N/A               |
| 97            | MTSM16                                                       | BLOCK: 4-½"x2¼" TC<br>JOIST : 7-10d        | 860         | N/A               |
| 98            | HTT4                                                         | SILL: 5/8" BOLT<br>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<br>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<br>JOIST : 10-16d      | 3,240       | N/A               |
| 217           | HUS212-2                                                     | BLOCK: 10-¼"x1½" TC<br>JOIST : 10-16d      | 2,630       | N/A               |
| 219           | MBHA412                                                      | H:1-ATR3/4X8 TOP&FACE<br>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"<br>JOIST : 18-10d    | 2,160       | N/A               |
| 231           | MBHA3.56/16                                                  | HDR : (2) 3/4" φ x 8"<br>JOIST : 18-10d    | 3,450       | N/A               |
| 232           | MBHA5.50/16                                                  | HDR : (2) 3/4" φ x 8"<br>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 |                                            |             |                   |



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<br>STUD:(3) 7/8"x5½" BOLTS | 7,910       | N/A               |
| 97            | MTSM16                                                       | BLOCK: 4-½"x2¼" TC<br>JOIST : 7-10d        | 860         | N/A               |
| 98            | HTT4                                                         | SILL: 5/8" BOLT<br>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<br>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<br>JOIST : 10-16d      | 3,240       | N/A               |
| 217           | HUS212-2                                                     | BLOCK: 10-¼"x1½" TC<br>JOIST : 10-16d      | 2,630       | N/A               |
| 219           | MBHA412                                                      | H:1-ATR3/4X8 TOP&FACE<br>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"<br>JOIST : 18-10d    | 2,160       | N/A               |
| 231           | MBHA3.56/16                                                  | HDR : (2) 3/4" ϕ x 8"<br>JOIST : 18-10d    | 3,450       | N/A               |
| 232           | MBHA5.50/16                                                  | HDR : (2) 3/4" ϕ x 8"<br>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**

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 FBCR 2023, 8TH EDITION R905.1.1.1 UNDERLAYMENT MATERIALS REQUIRED TO COMPLY WITH ASTM D226, D1970, D4869 AND D6757 SHALL BEAR A LABEL INDICATING COMPLIANCE TO THE STANDARD DESIGNATION AND, IF APPLICABLE, TYPE CLASSIFICATION INDICATED IN TABLE R905.1.1.1 UNDERLAYMENT SHALL BE APPLIED AND ATTACHED IN ACCORDANCE WITH TABLE R905.1.1.1
9. OFF RIDGE VENTS MAXIMUM OPENING SIZES: REFER TO MANUFACTURE SPECIFICATIONS.

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

**LOT: 0000, COMMUNITY**

**1686 JOURNEY**

**40' EXPLORATION SERIES**

**ROOF FRAMING PLAN**

**REVISIONS**

| DELTA #  | DATE |
|----------|------|
| 03-05-25 |      |

**DATE: 03-05-25**

**SCALE: AS NOTED**

**DRAWN: MW**

**SHEET: S3**

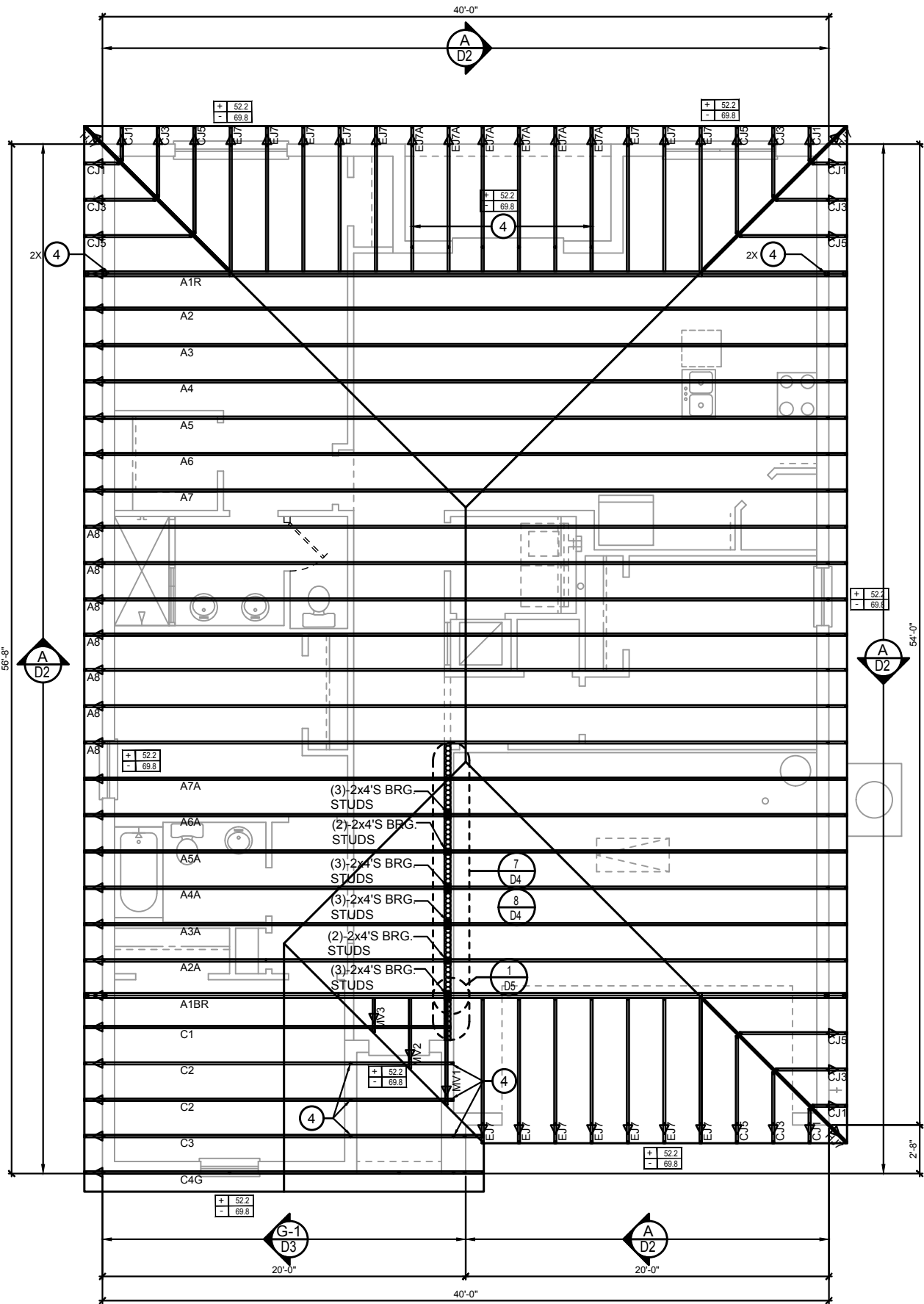
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**HITEG**  
THOMPSON ENGINEERING GROUP, INC.  
A DIVISION OF PARK SQUARE ENTERPRISES, INC.  
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Orlando, Florida 32811  
Tel: (407) 734-1160  
Fax: (407) 734-1780  
www.hiteg.com

**Park Square HOMES**

CONNECTOR SCHEDULE

| CONNECT. TYPE | SIMPSON                                                      |                                            | MAX. UPLIFT | LAT. LDS. F1 / F2 |
|---------------|--------------------------------------------------------------|--------------------------------------------|-------------|-------------------|
|               | DESCRIPTION                                                  | FASTENERS PER CONNECTOR                    |             |                   |
| 4             | HETA16                                                       | 9-10d x 1½"                                | 1,810       | 65 / 960          |
| 5             | DETAL20                                                      | 18-10d x 1½"                               | 2,480       | 2000/ 1370        |
| 20            | H3                                                           | RFT: 4-8d / PLT: 4-8d                      | 400         | 210 / 170         |
| 21            | H1                                                           | RFT:6-8dx1½"/PLT:4-8d                      | 480         | 510 / 165         |
| 22            | H10S                                                         | RFT: 8-8d x 1½"                            | 1010        | 660/550           |
|               |                                                              | PLT: 8-8d x 1½"                            |             |                   |
| 23            | LUS26                                                        | HDR: 4-10d/JST: 4-10d                      | 935         | N/A               |
| 24            | H7                                                           | RFT / TRS: 4-8d                            | 985         | 400 / N/A         |
|               |                                                              | PLT / STD: 10-8d                           |             |                   |
| 26            | H2.5                                                         | RFT:5-8d / PLT: 5-8d                       | 415         | 150 / 150         |
| 34            | A34                                                          | H:4-8dx1½"/P:4-8dx1½"                      | 365         | 280 / 303         |
| 35            | A35F                                                         | H:4-8dx1½"/P:4-8dx1½"                      | 440         | 440 / N/A         |
| 37            | HTS16                                                        | 14-10d                                     | 1,310       | N/A               |
| 38            | MTS16                                                        | 14-10d                                     | 990         | N/A               |
| 39            | MTS30                                                        | 14-10d                                     | 990         | N/A               |
| 43            | LSTA12                                                       | 10-10d                                     | 905         | N/A               |
| 45            | ST18                                                         | 14-16d                                     | 1,200       | N/A               |
| 47            | LSTA24                                                       | 18-10d                                     | 1,295       | N/A               |
| 71            | MSTA36                                                       | 26-10d                                     | 2,135       | N/A               |
| 72            | MSTC66                                                       | 64-16d SINKERS                             | 5,495       | N/A               |
| 79            | SP1                                                          | STD:6-10d / PLT:4-10d                      | 535         | 560 / 260         |
| 80            | SP2                                                          | STD:6-10d / PLT:6-10d                      | 605         | 560 / 260         |
| 81            | SPH4,6,8                                                     | 12-10d x 1½"                               | 885         | N/A               |
| 90            | ABU66                                                        | 12-16d                                     | 2,240       | N/A               |
| 89            | CB66                                                         | (2) 7/8" BOLTS                             | 2,300       | 985               |
| 92            | ABU44                                                        | 12-16d                                     | 2,200       | N/A               |
| 93            | AC6 (MAX)                                                    | 28-16d                                     | 1,815       | 1,070             |
| 94            | AC4 (MAX)                                                    | 28-16d                                     | 1,815       | 1,070             |
| 95            | HTS20                                                        | 20-10d                                     | 1,450       | N/A               |
| 96            | HD8A                                                         | SILL: 7/8" BOLT<br>STUD:(3) 7/8"x5½" BOLTS | 7,910       | N/A               |
| 97            | MTSM16                                                       | BLOCK: 4-½"x2¼" TC<br>JOIST : 7-10d        | 860         | N/A               |
| 98            | HTT4                                                         | SILL: 5/8" BOLT<br>STRAP: 18-16d           | 4,235       | N/A               |
| 99            | A35                                                          | H:4-8dx1½"/P:4-8dx1½"                      | 440         | 440 / N/A         |
| 102           | HTT5                                                         | 5/8" BOLT/ 26-10d                          | 4,275       | N/A               |
| 103           | VGTR/L                                                       | 32-SDS½"x3"/(2) 7/8" BLT                   | 3,990       | N/A               |
| 104           | HU8-SDS2.5                                                   | 7/8" BLT/20-SDS ½"x2½"                     | 5,020       | N/A               |
| 110           | HCP1.81                                                      | (6) 0.148 x 1½"                            | 590         | 255 / N/A         |
| 167           | HHUS46                                                       | H:14-16d/J:6-16d                           | 1,550       | N/A               |
| 168           | U46                                                          | H:8-10d/J:4-10d                            | 710         | N/A               |
| 181           | HUS26                                                        | 20-16d                                     | 1,550       | N/A               |
| 184           | HUC28-2                                                      | H:14-16d/J:4-10d                           | 1,085       | N/A               |
| 214           | HUC212-3TF                                                   | HD:16-3/16"x1½" TAPCON<br>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<br>JOIST : 10-16d      | 3,240       | N/A               |
| 217           | HUS212-2                                                     | BLOCK: 10-¼"x1½" TC<br>JOIST : 10-16d      | 2,630       | N/A               |
| 219           | MBHA412                                                      | H:1-ATR3/4X8 TOP&FACE<br>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"<br>JOIST : 18-10d    | 2,160       | N/A               |
| 231           | MBHA3.56/16                                                  | HDR : (2) 3/4" ϕ x 8"<br>JOIST : 18-10d    | 3,450       | N/A               |
| 232           | MBHA5.50/16                                                  | HDR : (2) 3/4" ϕ x 8"<br>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

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

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

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

LOT: 0000, COMMUNITY

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

1686 JOURNEY

40' EXPLORATION SERIES

ROOF FRAMING PLAN

REVISIONS

DATE: 09-05-25

SCALE: AS NOTED

DRAWN: MW

SHEET: S3

1686 JOURNEY

40' EXPLORATION SERIES

ROOF FRAMING PLAN

REVISIONS

DATE: 09-05-25

SCALE: AS NOTED

DRAWN: MW

SHEET: S3

HITEG

THOMPSON ENGINEERING GROUP, INC.

1686 JOURNEY

40' EXPLORATION SERIES

ROOF FRAMING PLAN

REVISIONS

DATE: 09-05-25

SCALE: AS NOTED

DRAWN: MW

SHEET: S3

A DIVISION OF PARK SQUARE  
ENTERPRISES, INC.

6200 Vineland Road, Suite 200  
Orlando, Florida 32811

Phone (407) 784-1780

www.pshomes.com

Park Square  
HOMES

ROOF FRAMING PLAN

1686 JOURNEY

40' EXPLORATION SERIES

REVISIONS

DATE: 09-05-25

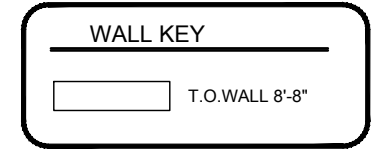
SCALE: AS NOTED

DRAWN: MW

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.

| 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<br>STUD:(3) 7/8"x5½" BOLTS | 7,910       | N/A               |
| 97            | MTSM16                                                       | BLOCK: 4-¼"x2½" TC<br>JOIST : 7-10d        | 860         | N/A               |
| 98            | HTT4                                                         | SILL: 5/8" BOLT<br>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 1¼"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<br>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<br>JOIST : 10-16d      | 3,240       | N/A               |
| 217           | HUS212-2                                                     | BLOCK: 10-½"x1½" TC<br>JOIST : 10-16d      | 2,630       | N/A               |
| 219           | MBHA412                                                      | H:1-ATR3/4X8 TOP&FACE<br>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"<br>JOIST : 18-10d    | 2,160       | N/A               |
| 231           | MBHA3.56/16                                                  | HDR : (2) 3/4" φ x 8"<br>JOIST : 18-10d    | 3,450       | N/A               |
| 232           | MBHA5.50/16                                                  | HDR : (2) 3/4" φ x 8"<br>JOIST : 18-10d    | 3,450       | N/A               |
| 240           | H16                                                          | R:2-10dx1½"/P:10-10dx1½"                   | 1,470       | 480 / N/A         |
| 241           | LG72                                                         | 30-16d-sinker                              | 2000        | 1015 / 440        |
| 301           | MG7                                                          | (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 |                                            |             |                   |



SEE PLAN DESIGN WIND PRESSURE

|   |     |
|---|-----|
| + | XXX |
| - | XXX |

ULTIMATE DESIGNED POSITIVE PRESSURE  
ULTIMATE DESIGNED NEGATIVE PRESSURE

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

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

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

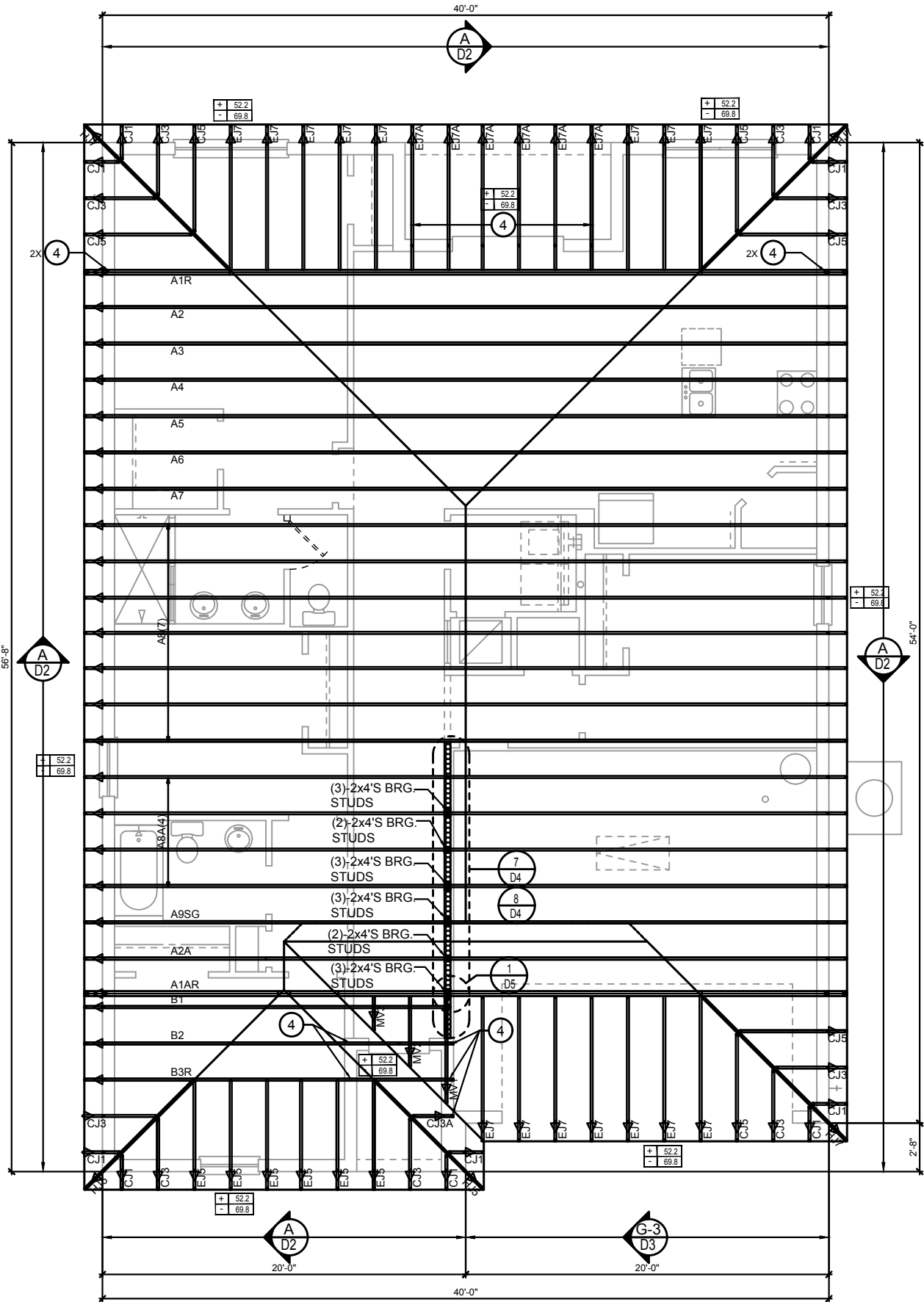
**3- PENETRATION OF PLUMBING PIPES/DRYER VENTS THRU PLATES OF A LOAD BEARING WALL MAY OCCUR PROVIDED DBL. STUDS ARE ADDED ON EITHER SIDE OF PENETRATION WITHIN 3" AND TRUSS/FLOOR TRUSS IS NO CLOSER THAN 3" FROM PENETRATION. ADD (1) MTS12 @ TOP AND BOTTOM PLATE**

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/WITCA 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 FEBR 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 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.

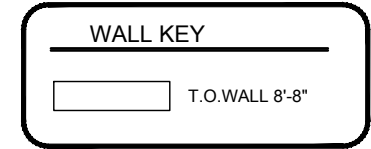
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x37)

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<br>STUD:(3) 7/8"x5½" BOLTS | 7,910       | N/A               |
| 97            | MTSM16                                                       | BLOCK: 4-½"x2¼" TC<br>JOIST : 7-10d        | 860         | N/A               |
| 98            | HTT4                                                         | SILL: 5/8" BOLT<br>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<br>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<br>JOIST : 10-16d      | 3,240       | N/A               |
| 217           | HUS212-2                                                     | BLOCK: 10-½"x1½" TC<br>JOIST : 10-16d      | 2,630       | N/A               |
| 219           | MBHA412                                                      | H:1-ATR3/4X8 TOP&FACE<br>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"<br>JOIST : 18-10d    | 2,160       | N/A               |
| 231           | MBHA3.56/16                                                  | HDR : (2) 3/4" ϕ x 8"<br>JOIST : 18-10d    | 3,450       | N/A               |
| 232           | MBHA5.50/16                                                  | HDR : (2) 3/4" ϕ x 8"<br>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 |                                            |             |                   |



| 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<br>STUD:(3) 7/8"x5½" BOLTS | 7,910       | N/A               |
| 97            | MTSM16                                                       | BLOCK: 4-¼"x2½" TC<br>JOIST : 7-10d        | 860         | N/A               |
| 98            | HTT4                                                         | SILL: 5/8" BOLT<br>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           | VGTRL                                                        | 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<br>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<br>JOIST : 10-16d      | 3,240       | N/A               |
| 217           | HUS212-2                                                     | BLOCK: 10-½"x1½" TC<br>JOIST : 10-16d      | 2,630       | N/A               |
| 219           | MBHA412                                                      | H:1-ATR3/4X8 TOP&FACE<br>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"<br>JOIST : 18-10d    | 2,160       | N/A               |
| 231           | MBHA3.56/16                                                  | HDR : (2) 3/4" φ x 8"<br>JOIST : 18-10d    | 3,450       | N/A               |
| 232           | MBHA5.50/16                                                  | HDR : (2) 3/4" φ x 8"<br>JOIST : 18-10d    | 3,450       | N/A               |
| 240           | H16                                                          | R:2-10dx1½"/P:10-10dx1½"                   | 1,470       | 480 / N/A         |
| 241           | LG72                                                         | 30-16d-sinker                              | 2000        | 1015 / 440        |
| 301           | MG7                                                          | (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 |                                            |             |                   |



SEE PLAN DESIGN WIND PRESSURE

|   |     |
|---|-----|
| + | XXX |
| - | XXX |

ULTIMATE DESIGNED POSITIVE PRESSURE  
ULTIMATE DESIGNED NEGATIVE PRESSURE

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

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

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

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/WITCA 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.

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

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 8TH EDITION, FBRC 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 FBRC 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 @ 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 DEPT |
|-------------|-----------------|----------------|
| 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.K..

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 (1 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

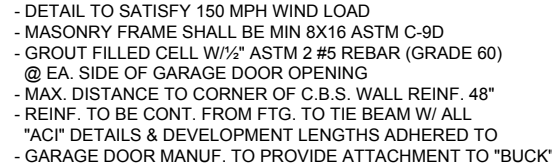
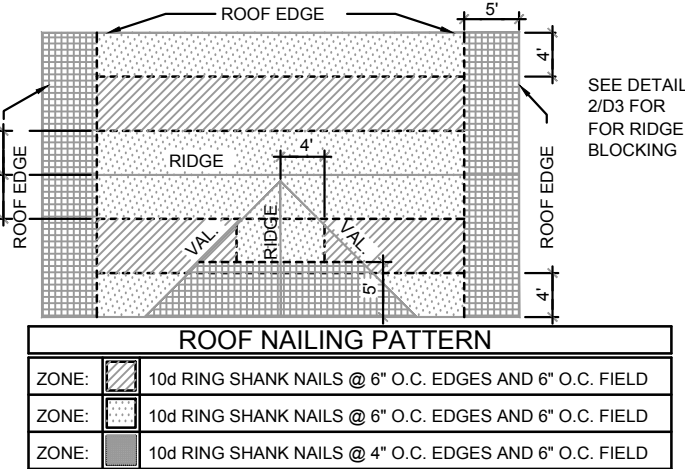
15. ALL WOOD IN DIRECT CONTACT WITH MASONRY SHALL BE PRESSURE TREATED.

16. 2000 PSF MINIMUM SOIL BEARING CAPACITY

17. NON BEARING WALL: 2X4 SPACED AT 24" O.C. UP TO 12'-0" HEIGHT WITH ROWS OF HORIZONTAL 2X4 BLOCKING PLACE AT 4'-0" O.C.

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.

1. MISSED LINTEL STRAPS FOR MASONRY CONSTRUCTION MAY BE SUBSTITUTED W/ (1) USP MTW16 OR HC10 OR SIMPSON MTS16 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) MTS16 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.) 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)

1"= 1'-0"

1/2" GYP. BD. FIN.

1/2" OFFSET

7/16" OSB. SHEATHING

2X4 OR 2X6 STUD WALL

7/16" OSB. SHEATHING

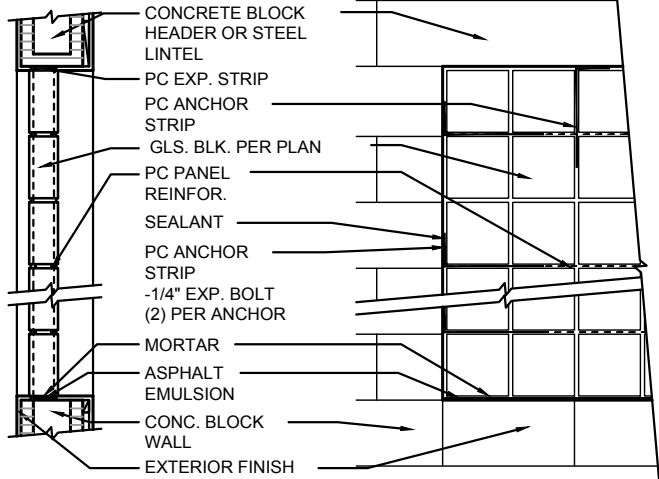
1/2" GYP. BD.

2X4 OR 2X6 STUD WALL

1/2"

NOTED AS SHEAR WALL ON PLANS

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



**PC PANEL REINFORCING (TOP):**  
 USED IN PANELS OVER 25" S.F. IN AREA IS EMBEDDED HORIZONTALLY  
 IN THE MORTAR JOINTS BETWEEN EVERY OTHER COURSE. PANEL  
 REINFORCING IS FORMED OF TWO PARALLEL WIRES, EITHER 1-5/8" O.C.  
 (FOR USE WITH "THINLINE" SERIES GLS. BLK.) OR 2" O.C. (FOR USE W/  
 "PREMIERE" SERIES GLS. BLK.), W/ BUTT WELDED CROSSWIRES AT  
 REGULAR INTERVALS. 4' AND 10' LENGTHS AVAILABLE.

ARE USED TO TIE PITTSBURGH CORNING GLASS BLOCK PANELS INTO THE SURROUNDING FRAMEWORK WHEN CHANNELS ARE NOT USED. FORMED FROM 20 GAUGE PERFORATED- THEN GALVANIZED STEEL STRIPS, PANEL ANCHORS ARE AVAIL. IN 1-3/4" WIDTHS X 24" LENGTHS

MADE OF WHITE POLYETHYLENE, ARE INSERTED AT THE HEAD AND THE STRIPS REPLACE MORTAR AT THESE POINTS TO CUSHION THE GLASS BLOCK AND ALLOW THE PANEL TO EXPAND & CONTRACT FREELY. FOR METAL CHANNEL OR MASONRY BLOCK CONSTRUCTION, PC EXPANSION STRIPS ARE AVAILABLE 3/8" THICK X 4" WIDE X 24" LONG. FOR PANEL ANCHOR CONSTRUCTION, STD. 4" WIDE STRIPS ARE EASILY CUT TO 3" WIDTH, FOR 3-7/8" "PREMIERE" SERIES BLK., AND TO 2-1/4" WIDTH, FOR 3-1/8" "THINLINE" SERIES BLOCK.

(D1)

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

**ITTEG**  
THOMPSON ENGINEERING GROUP, INC.  
4401 Vineland Road Suite A6 Orlando, FL 32811  
Ph: (407) 734-1450  
Fax: (407) 734-1790  
[www.itteg.com](http://www.itteg.com)

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

**Park  
Square  
HOMES**

## STRUCTURAL NOTE & DETAILS

1686 JOURNEY  
40' EXPLORATION SERIES

## REVISIONS

DELTA # | DATE

|  |  |
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|  |  |
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DATE: 09-05-

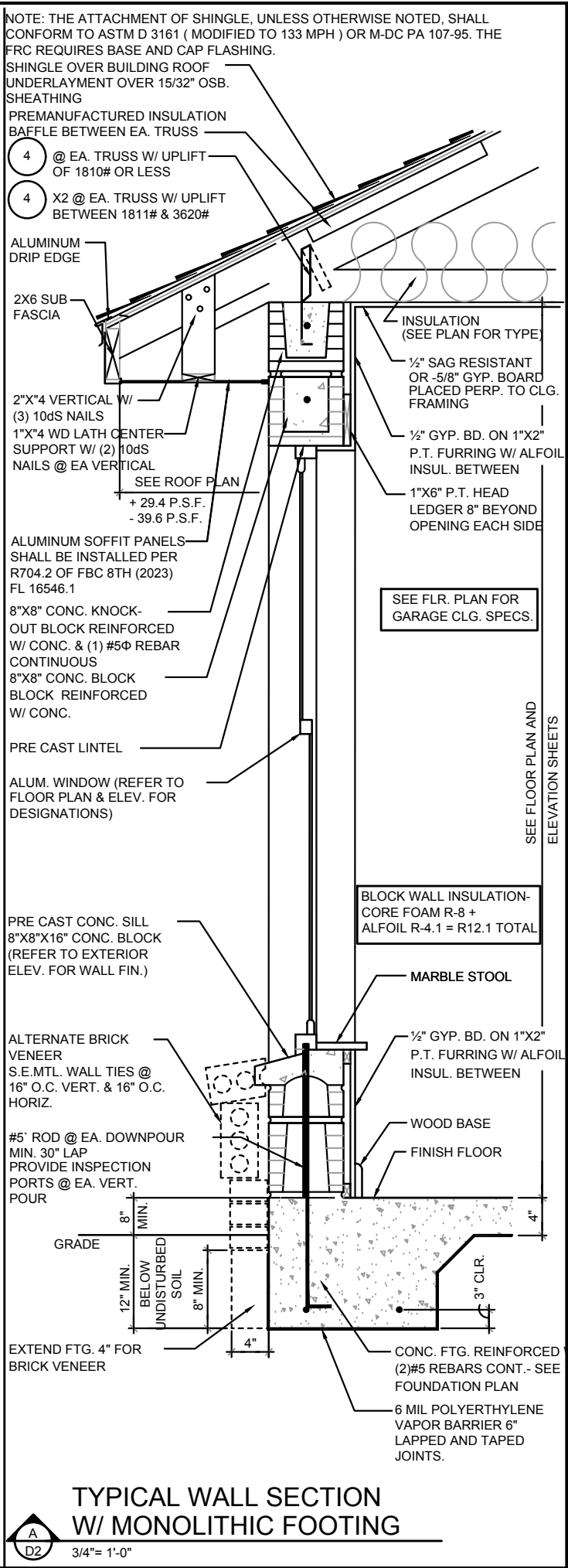
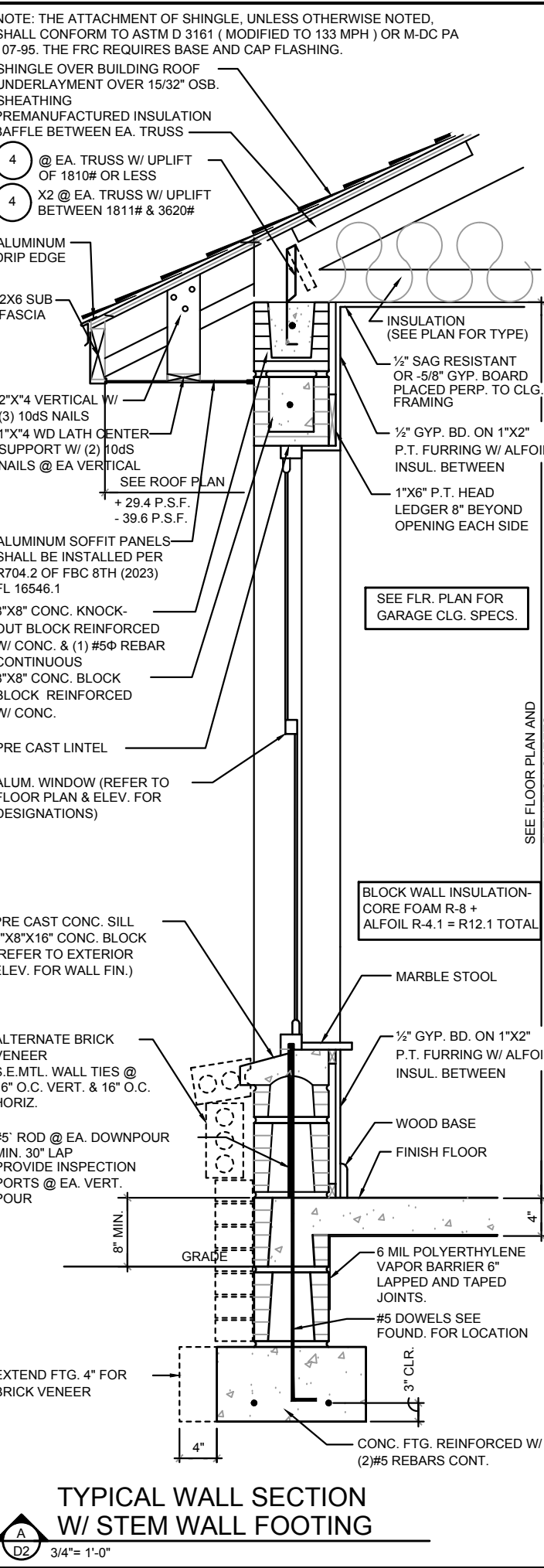
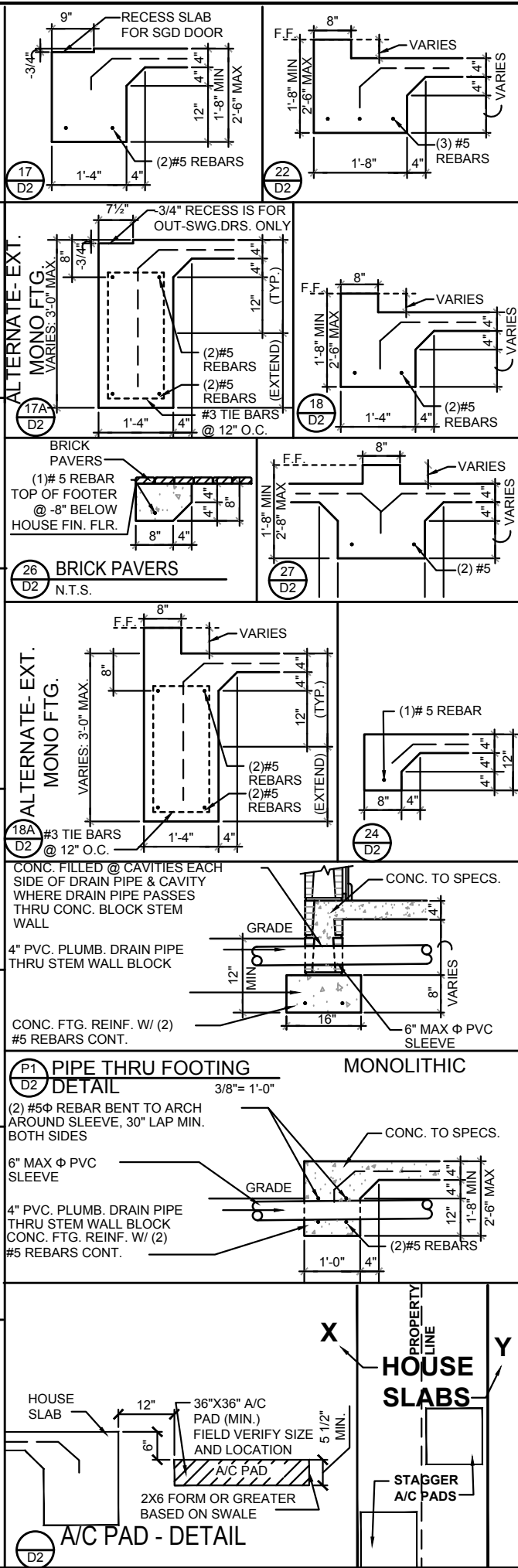
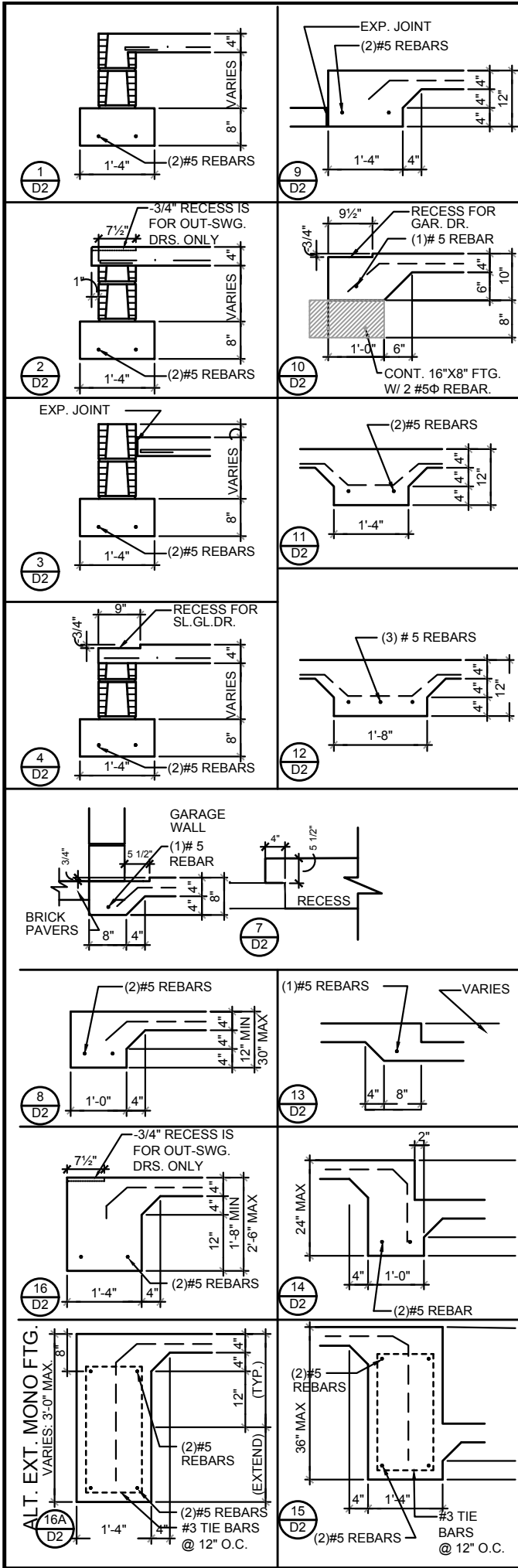
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FREE!

# D1



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.

1686 JOURNEY

40' EXPLORATION SERIES

REVISIONS

| DATE     | DATE |
|----------|------|
| 08-08-25 |      |

DATE: 08-08-25

SCALE: AS NOTED

DRAWN: MW

SHEET: D2

LOT: 0000, COMMUNITY

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1686 JOURNEY

40' EXPLORATION SERIES

REVISIONS

| DATE     | DATE |
|----------|------|
| 08-08-25 |      |

DATE: 08-08-25

SCALE: AS NOTED

DRAWN: MW

SHEET: D2

1686 JOURNEY

40' EXPLORATION SERIES

REVISIONS

| DATE     | DATE |
|----------|------|
| 08-08-25 |      |

DATE: 08-08-25

SCALE: AS NOTED

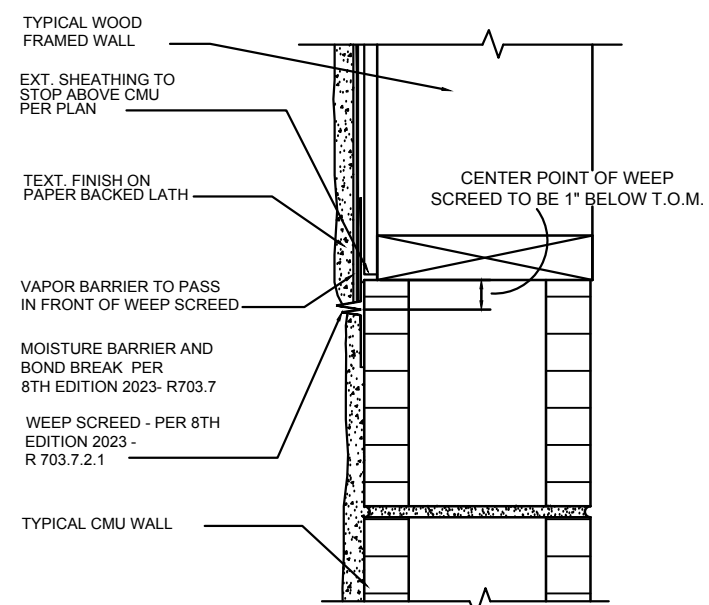
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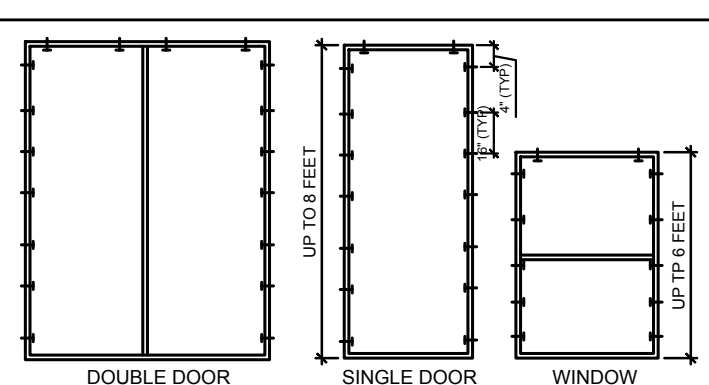
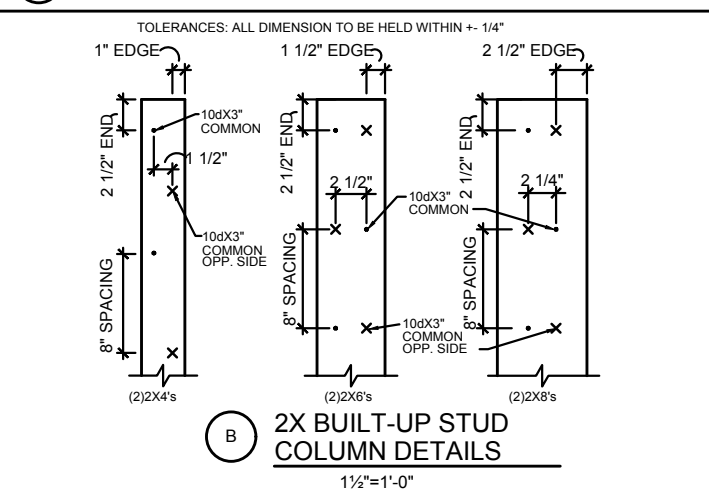
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STRUCTURAL DETAILS



**FLASHING DETAIL**  
A  
D3



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

**BUCK ATTACHMENT DATA**

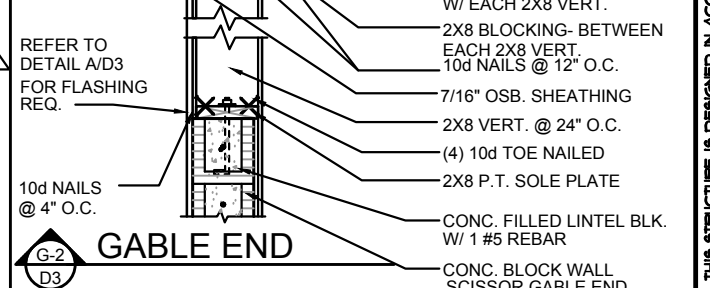
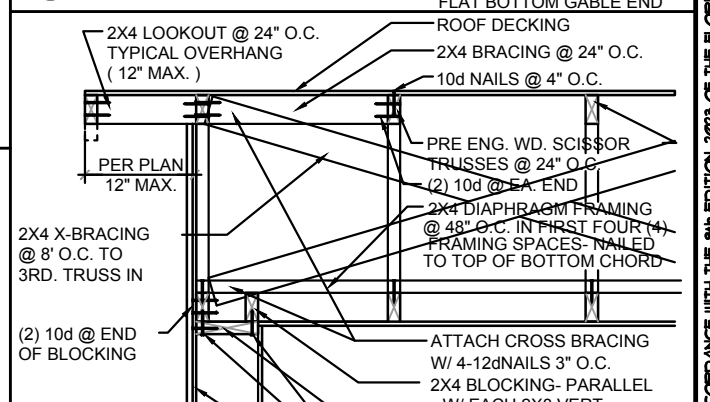
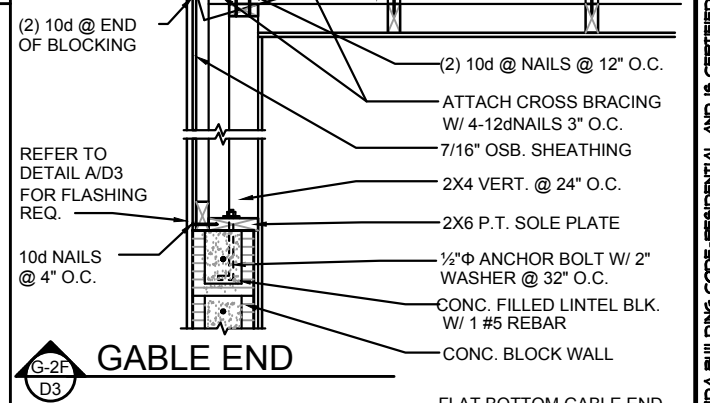
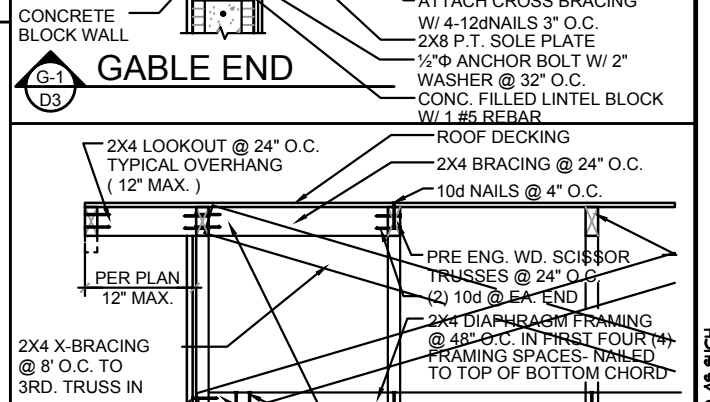
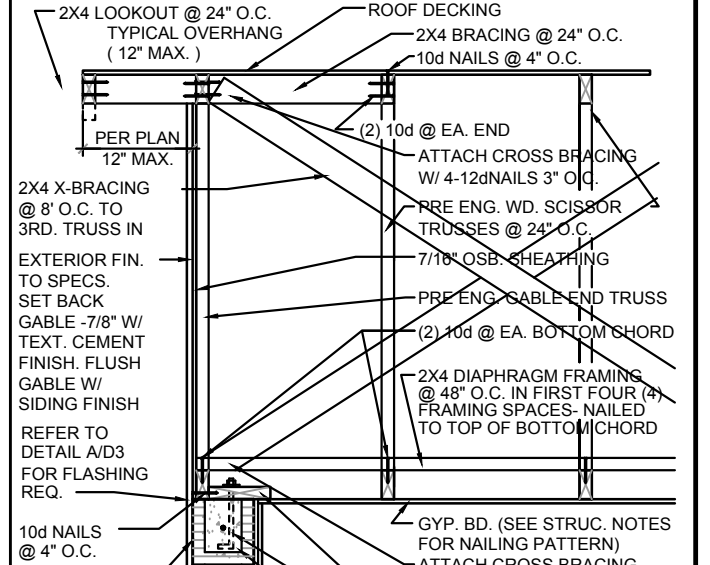
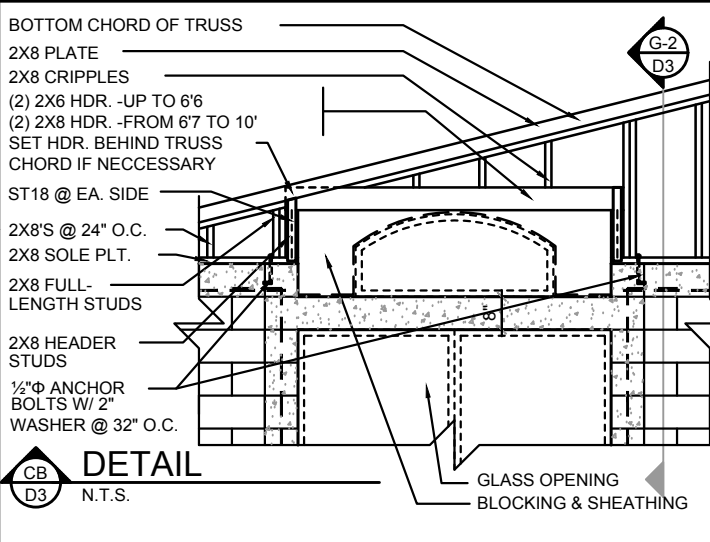
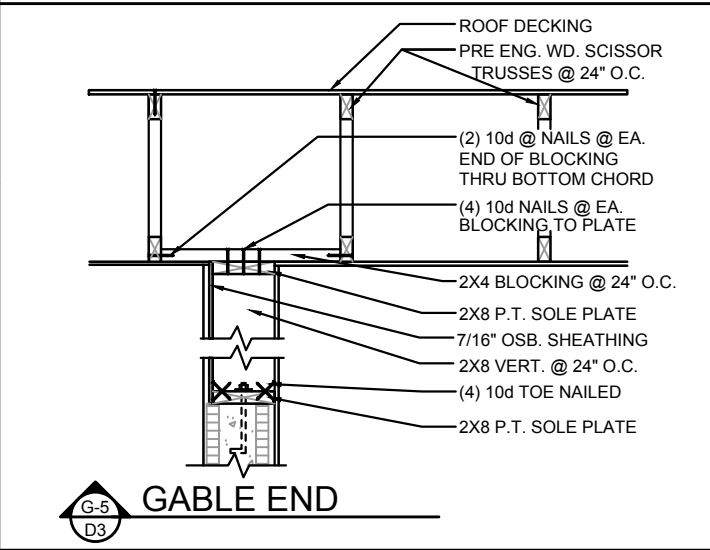
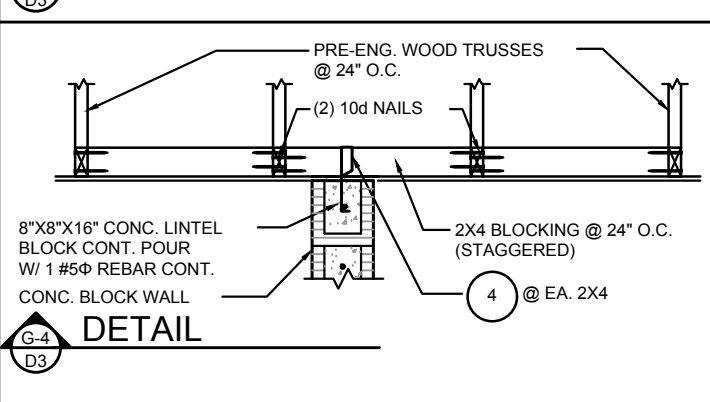
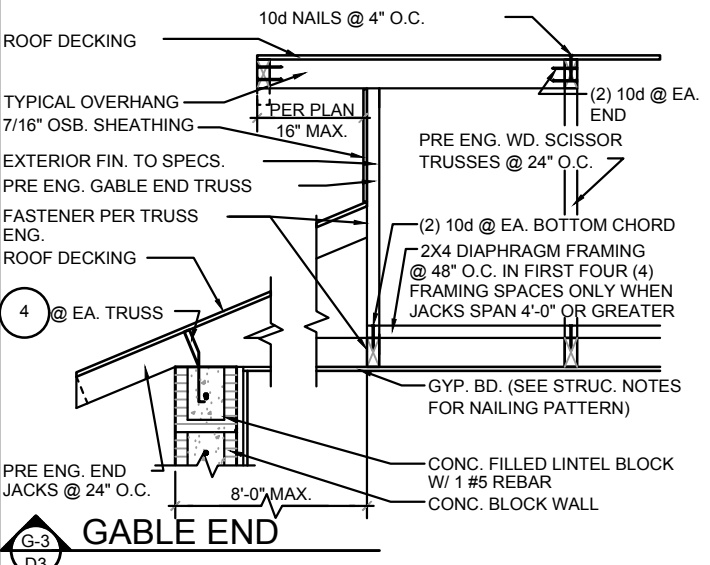
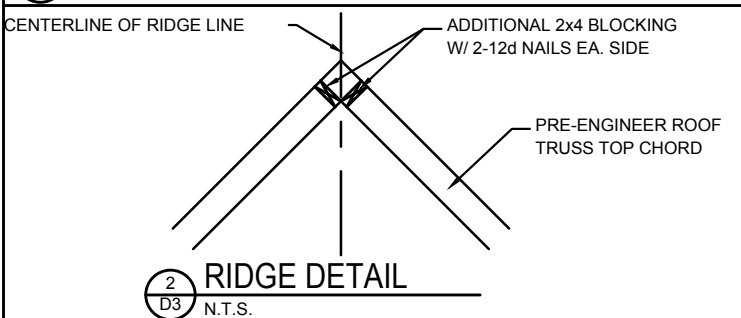
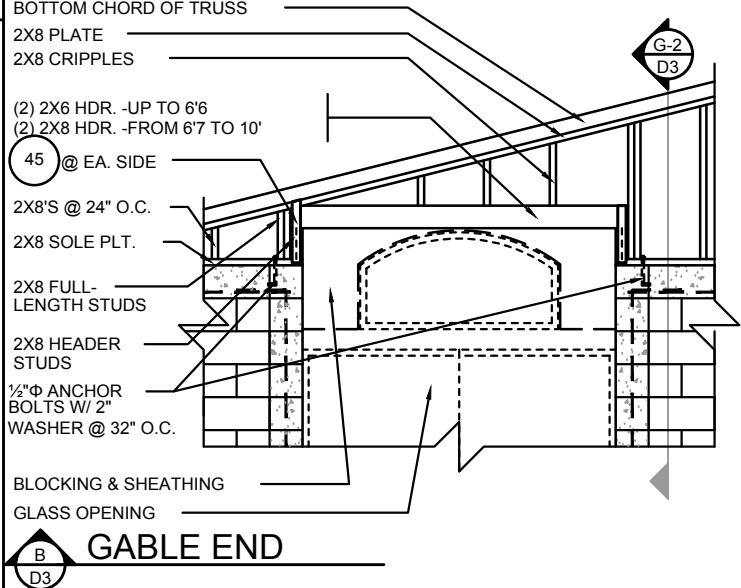
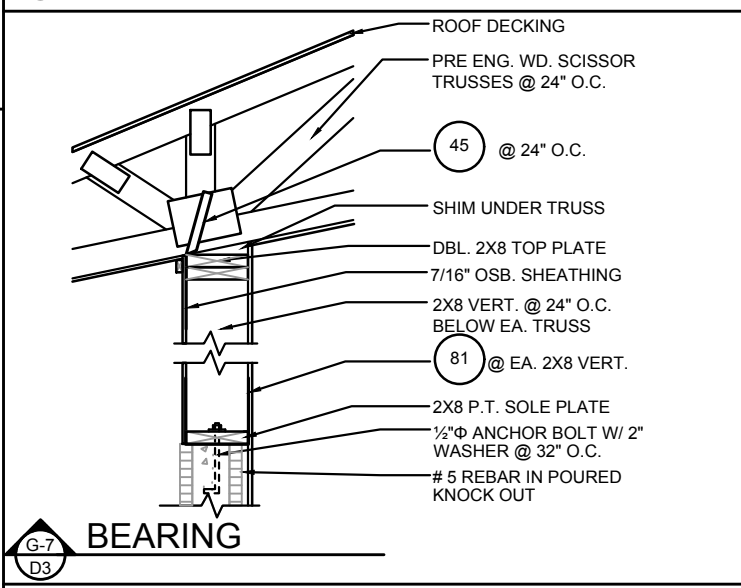
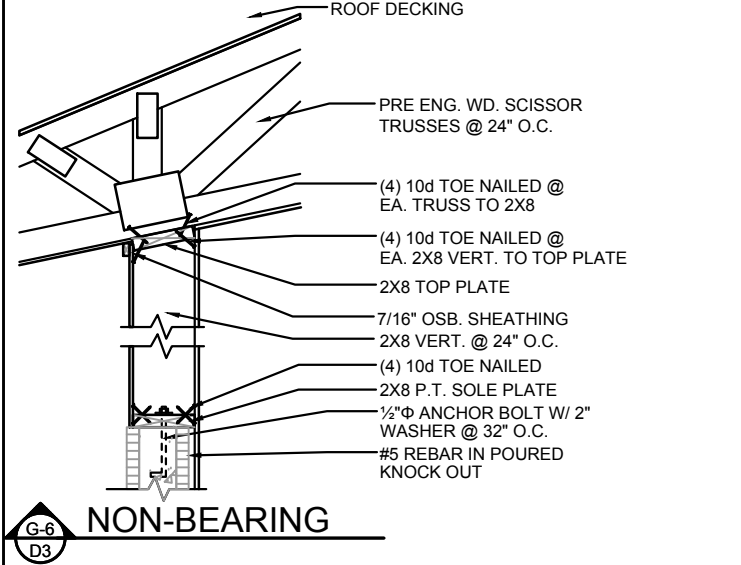
BUCKS SHALL BE 1x4 OR 2x8 PT AT WINDOWS OR 2x8 PT AT DOORS IN PINE OR SPRUCE. AT WINDOWS ATTACH BUCKS TO BLOCK WITH COMMON T-NAILS AND PLACEMENT SIMILAR TO TAPCONS SHOWN. AT DOORS OR FIN WINDOWS IN BLOCK, ATTACH BUCKS w/ 2 T-NAILS TOP AND BOTTOM AND 8" O.C. STAGGERED IN THE FIELD.

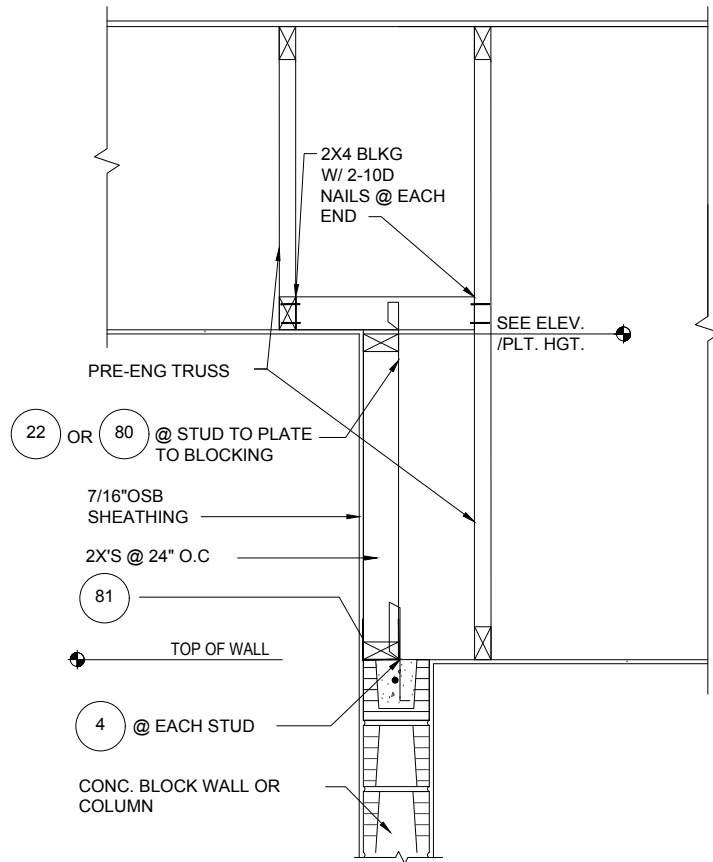
USE MIN. 2-1/4" T-NAILS w/ 1x BUCK. USE MIN. -1/4" x 3" TAPCONS w/ 2x BUCK. START ALL END TAPCONS WITHIN 4" OF CORNERS AND 16" ON CENTER MAXIMUM.

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.

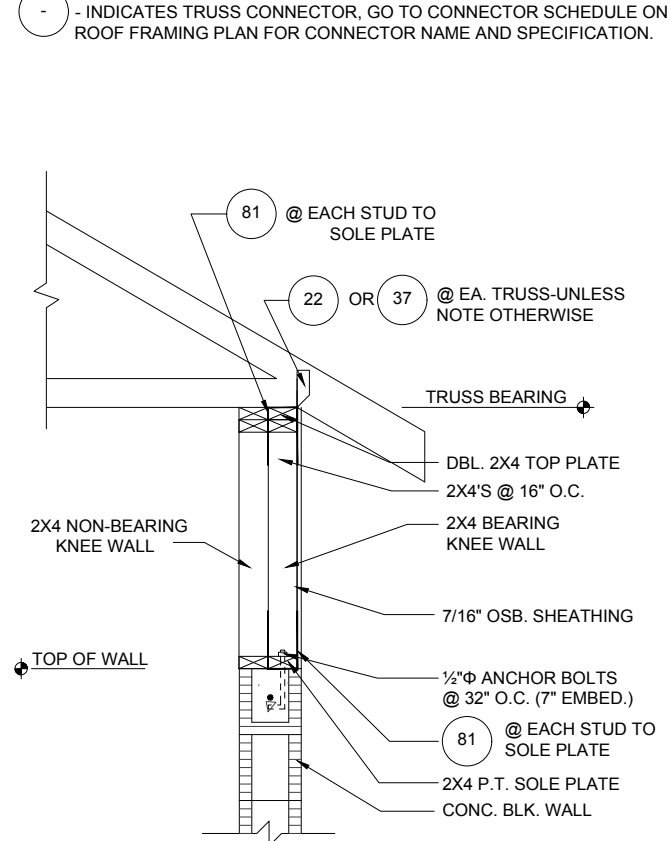
**NOTE**

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.

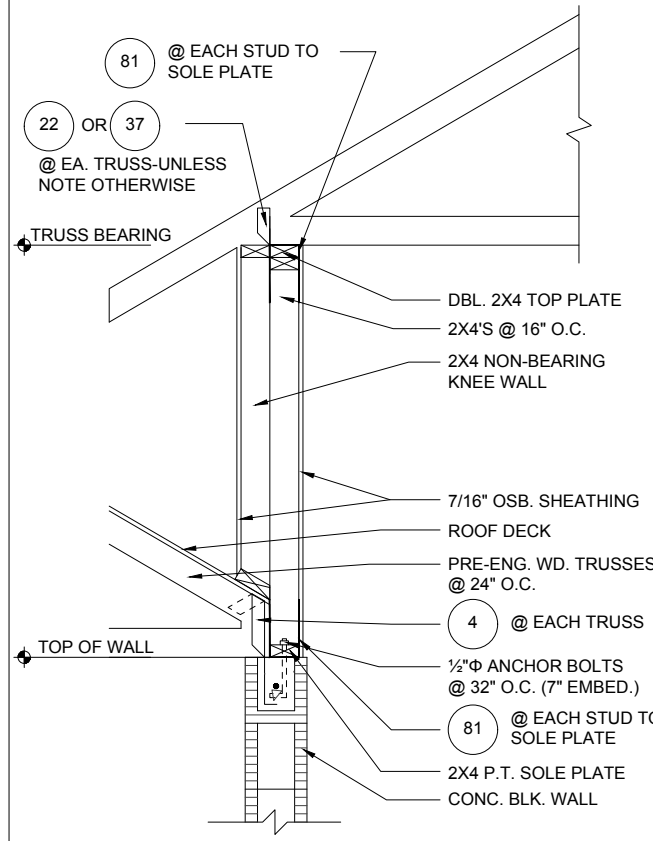




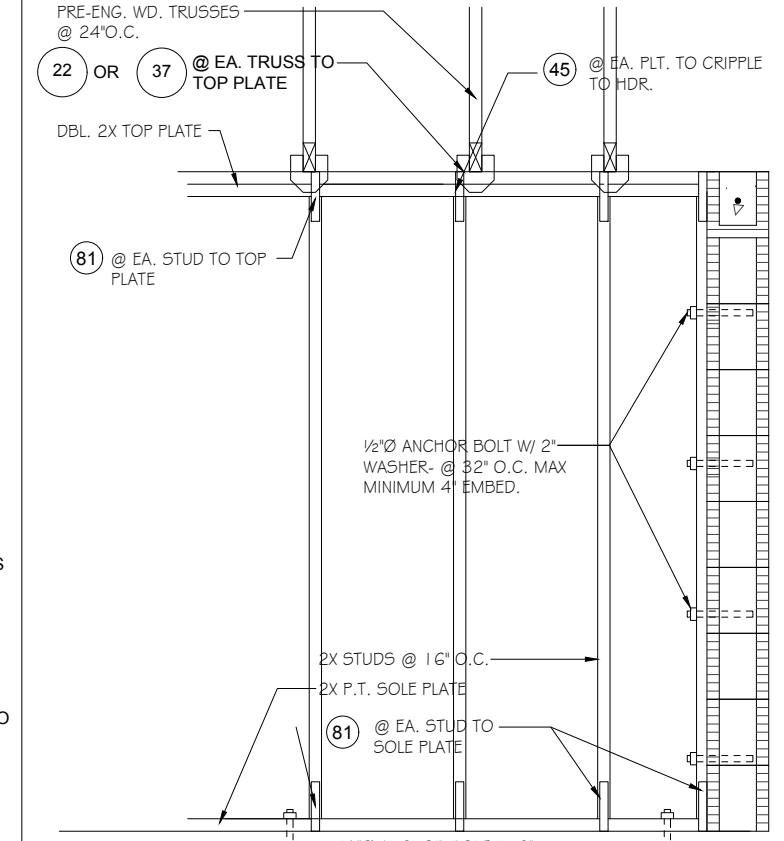
**1**  
D4  
**DETAIL**  
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



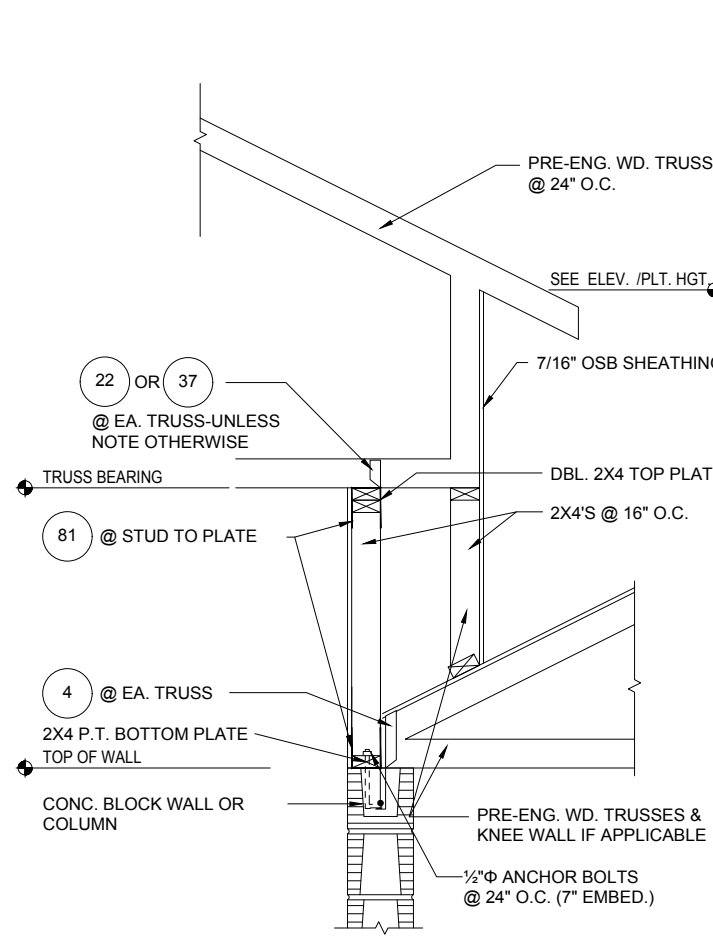
**2**  
D4  
**DETAIL**  
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



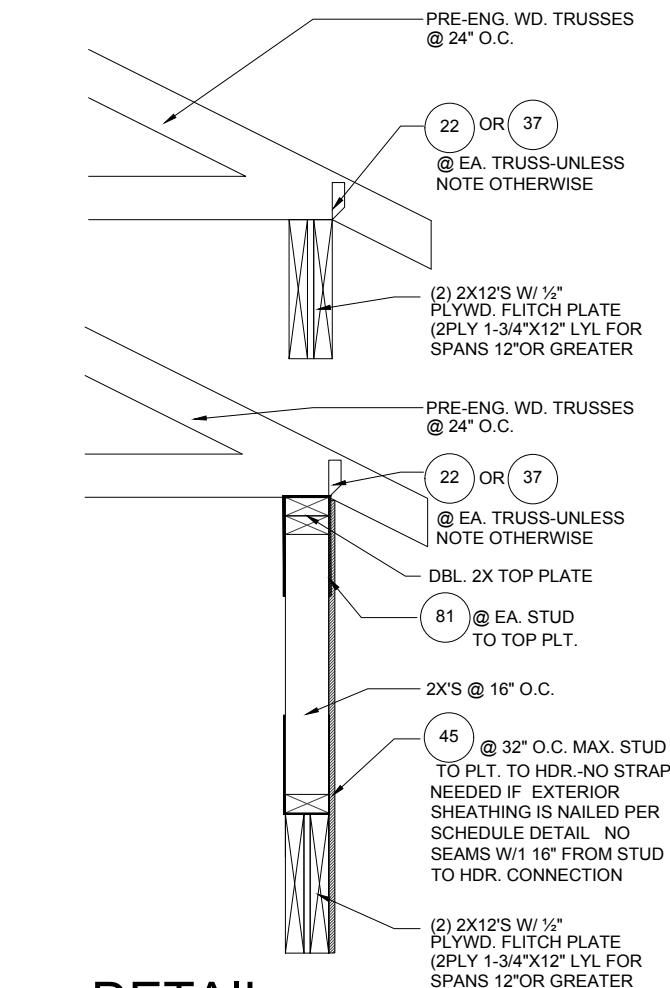
**3**  
D4  
**DETAIL**  
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



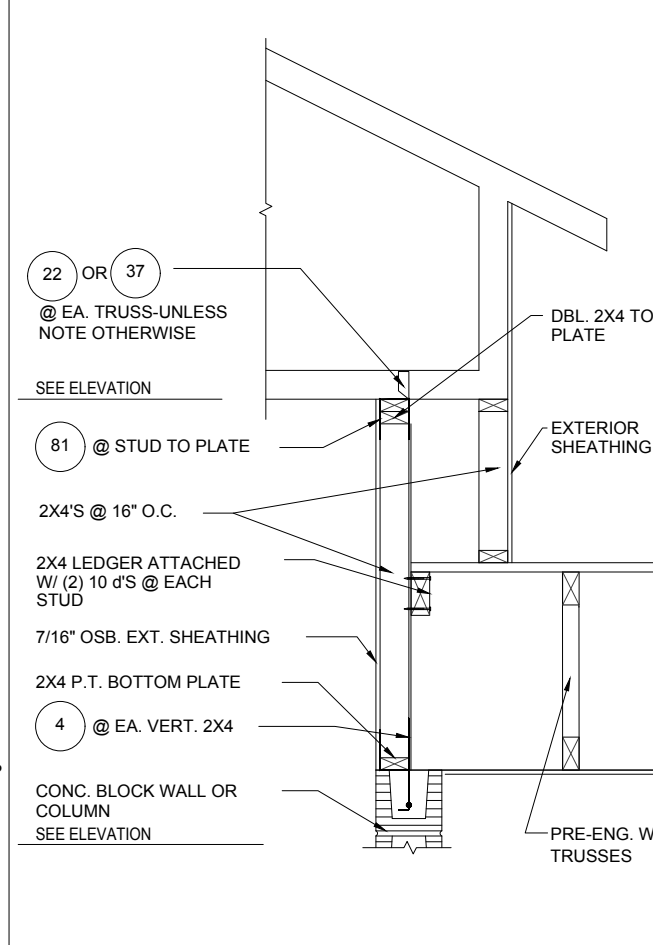
**7**  
D4  
**DETAIL**  
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



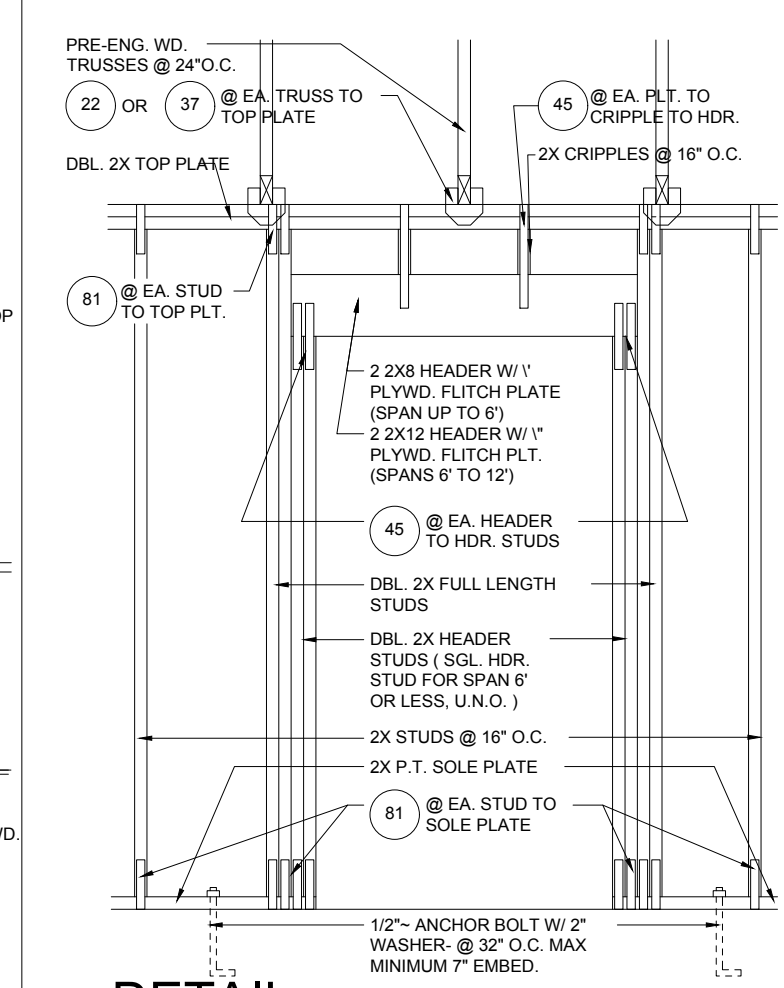
**4**  
D4  
**DETAIL**  
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



**5**  
D4  
**DETAIL**



**6**  
D4  
**DETAIL**



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

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

**Park Square HOMES**

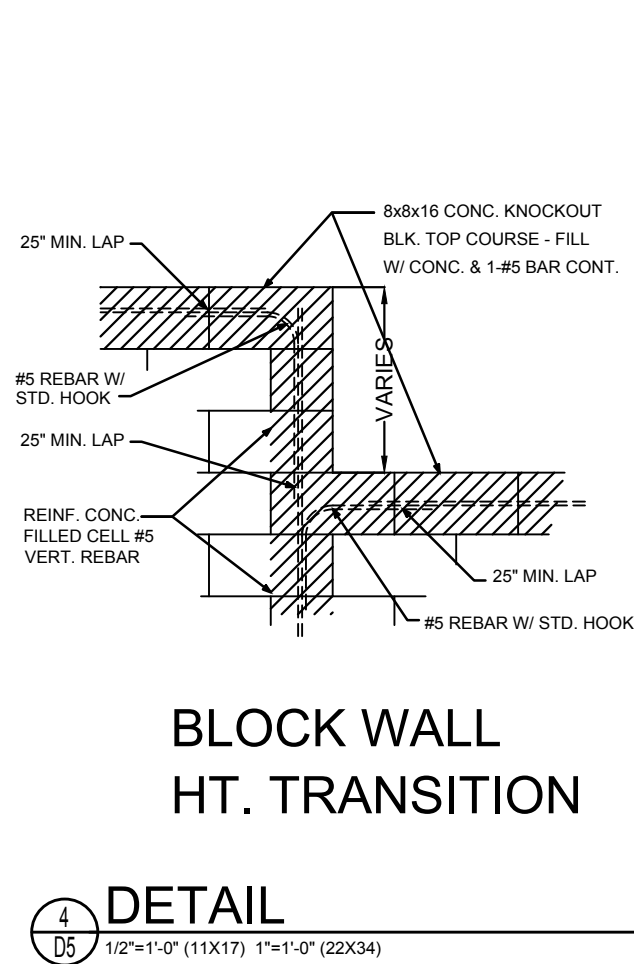
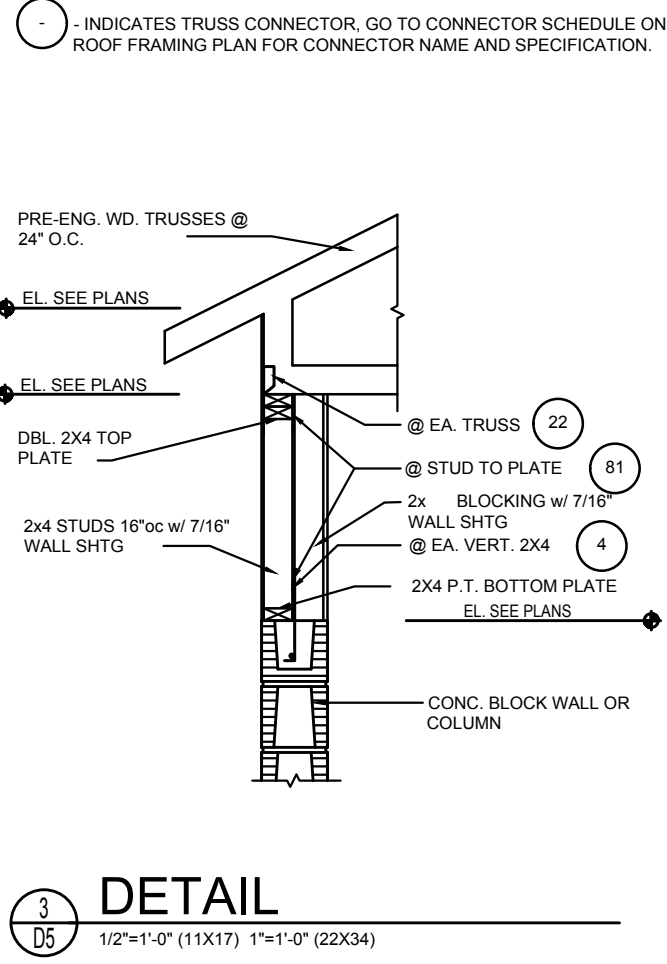
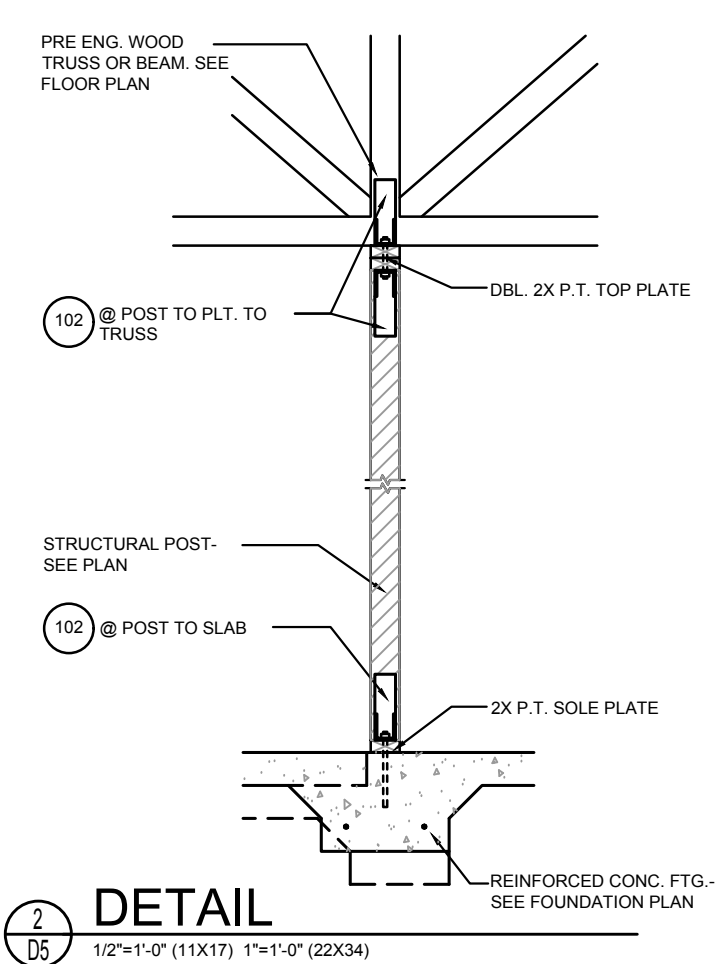
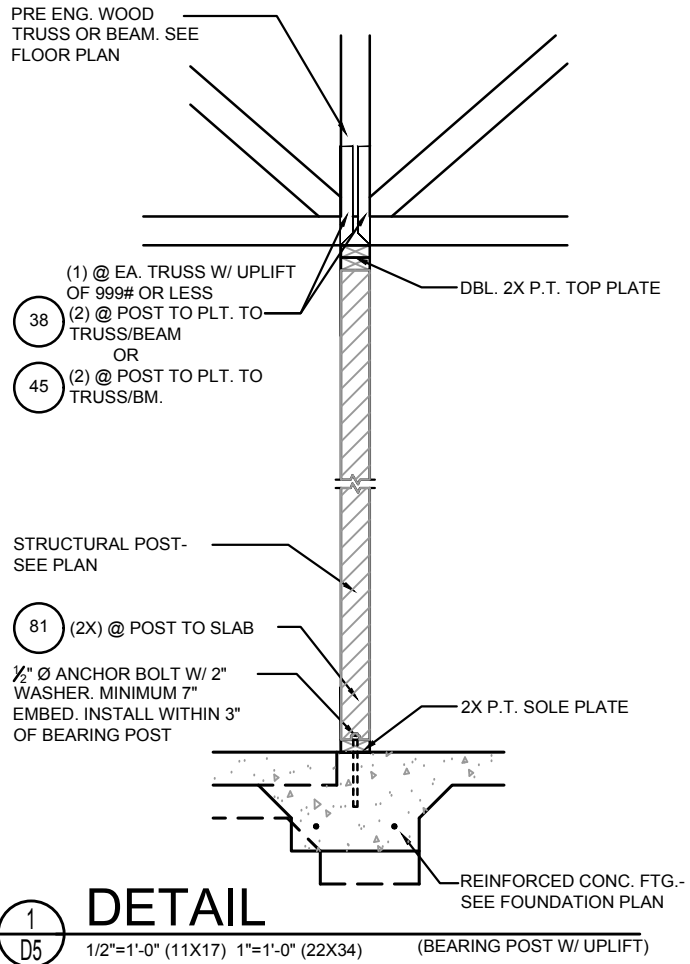
**STRUCTURAL DETAILS**

1686 JOURNEY

40' EXPLORATION SERIES

| REVISIONS |                 |
|-----------|-----------------|
| DELTA #   | DATE            |
|           | DATE: 09-05-25  |
|           | SCALE: AS NOTED |
|           | DRAWN: MW       |
|           | SHEET:          |

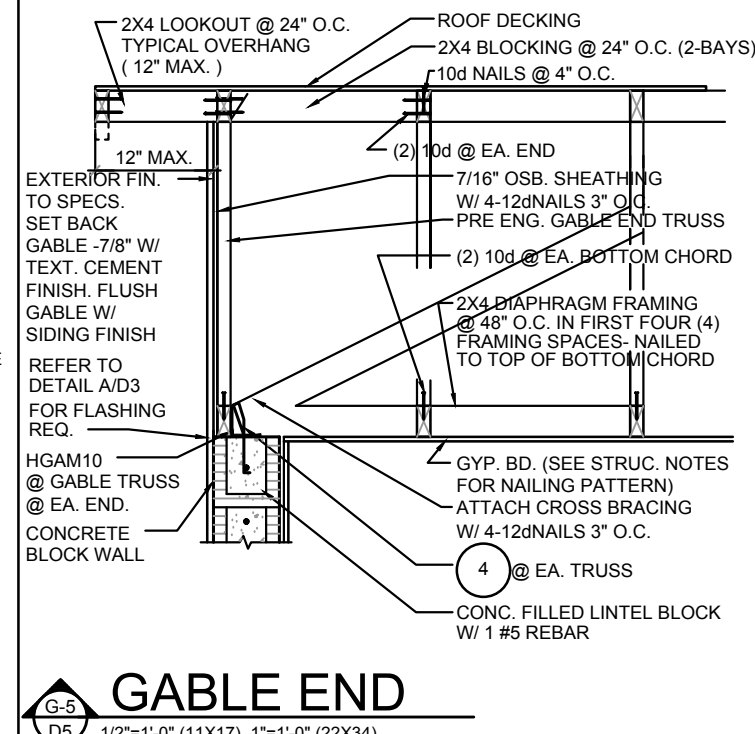
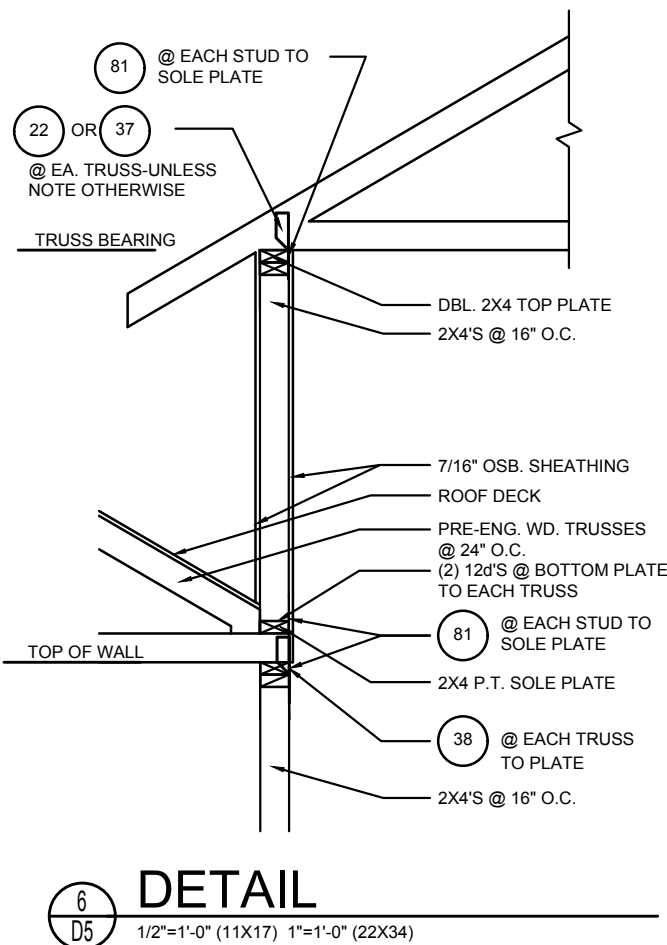
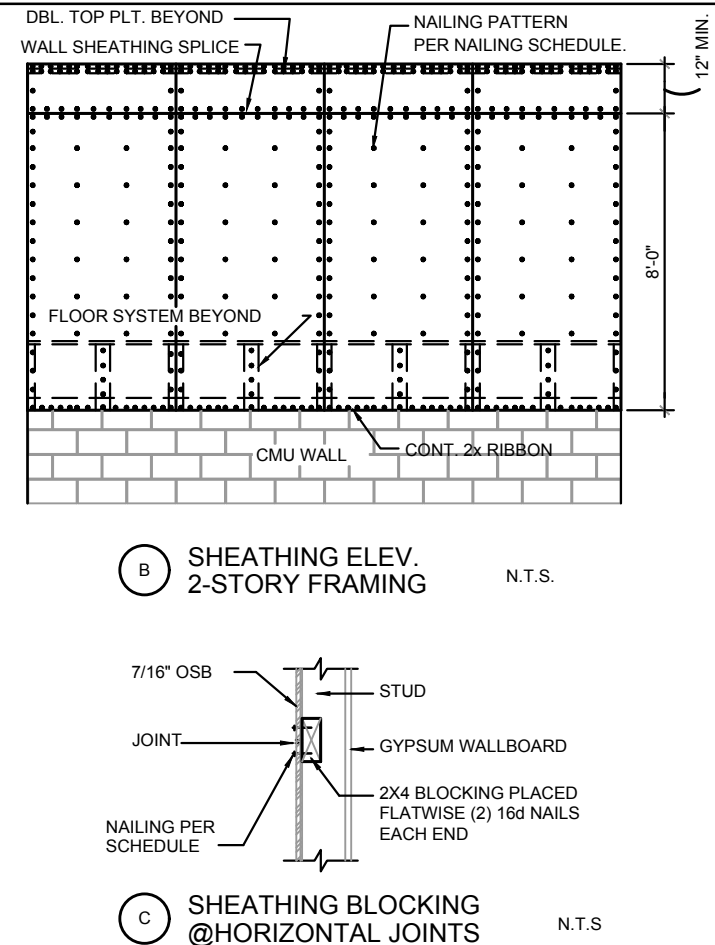
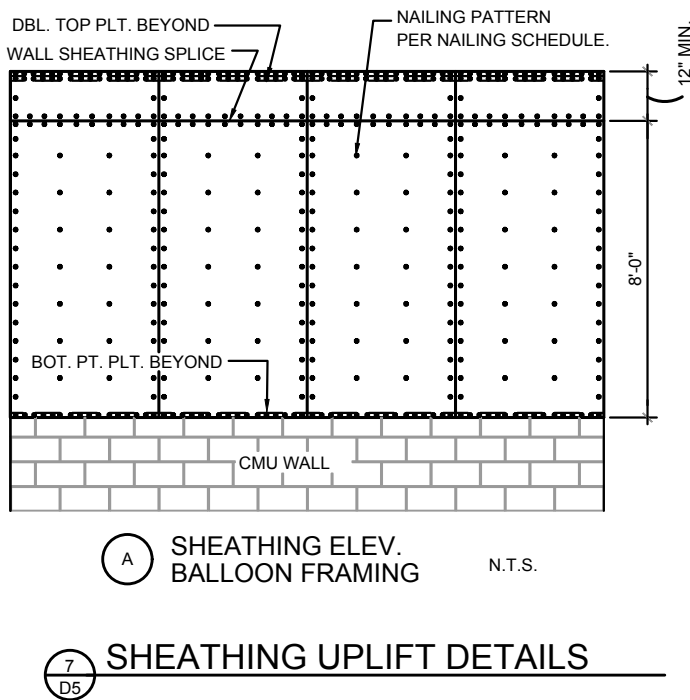
**D4**



## BLOCK WALL HT. TRANSITION

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

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



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|                               |      |
|-------------------------------|------|
| <b>1686 JOURNEY</b>           |      |
| <b>40' EXPLORATION SERIES</b> |      |
| REVISIONS                     |      |
| DELTA #                       | DATE |
| DATE: 09-05-25                |      |
| SCALE: AS NOTED               |      |
| DRAWN: MW                     |      |
| SHEET: D5                     |      |

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