

TO SUIT EQUIP. FURN

4" TYP. SIDES

CONDENSOR UNIT

6"

TO SUIT EQUIP. FURN

8HT. ANGLE BRACKETS OR 2" WIDE 20ga GALV. STEEL STRAPS

PAD ABOVE BASE FLOOD ELEVATION

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

REFRIGERANT PIPING TO AIR HANDLING UNIT

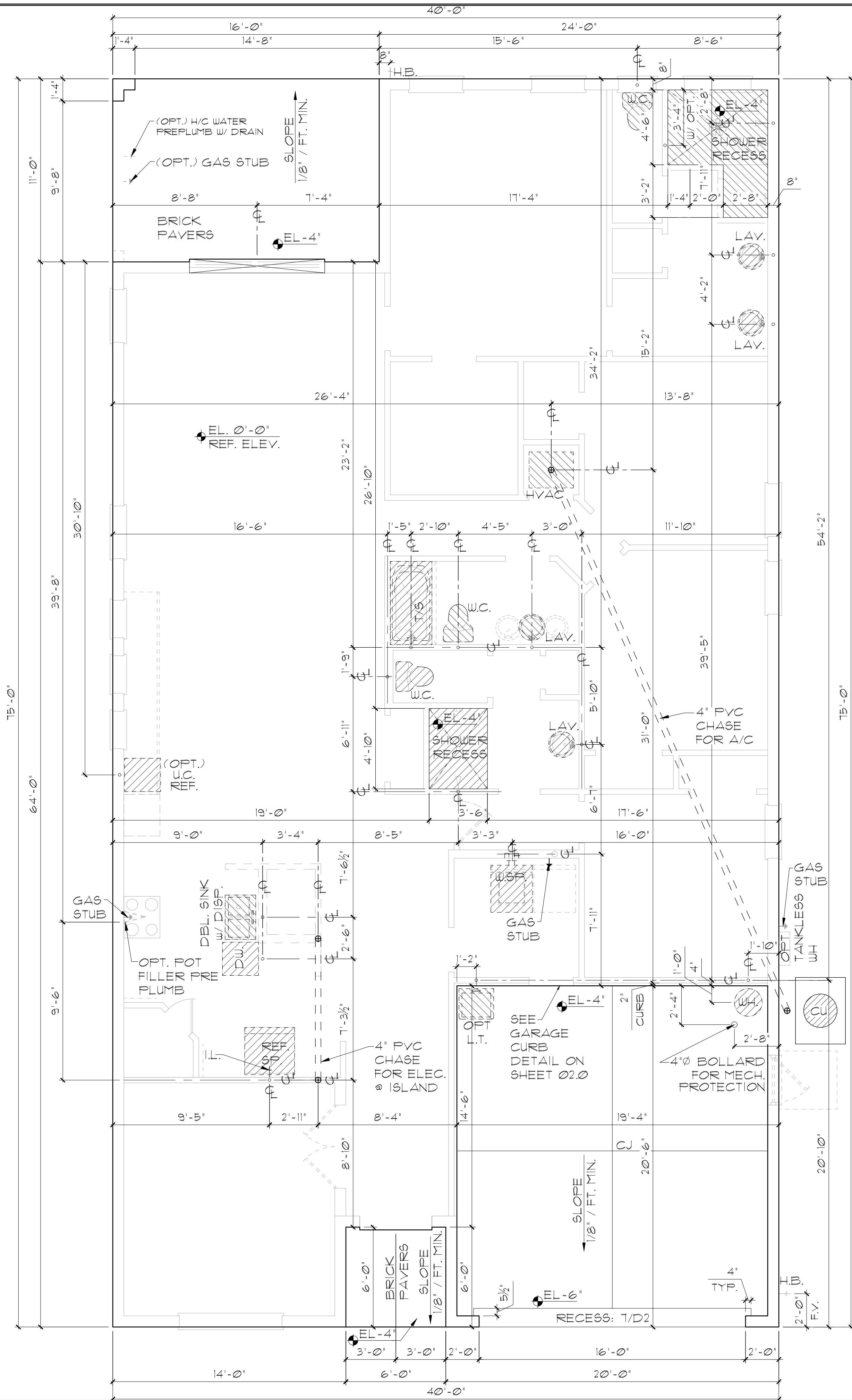
CONNECT TO UNIT W/ #14 SHEET METAL SCREWS W/ GASKETED WASHERS & CONNECT TO PAD W/ 1/4"x 1-1/4" TAPCON SCREW OR 3/8" BOLT. SEE TABLE FOR QTY. PER SIDE.

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

1

COND. ANCHOR DET.

N.T.S.



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

- FOUNDATION NOTES
- CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
 - DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPER-VISOR FOR CLARIFICATION.
 - WATER HEATER T & P RELIEF VALVE SHALL BE FULL SIZE TO EXTERIOR. WATER HEATER AT OR ABOVE FLOOR LEVEL SHALL BE IN A PAN WITH DRAIN TO EXTERIOR. WATER HEATER SHALL HAVE APPROVED THERMAL EXPANSION DEVICE.
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LOT: 0000, COMMUNITY

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA #	DATE

DATE: 07-23-24

SCALE: AS NOTED

DRAWN: MR

SHEET: 01.0

ITEG

THOMPSON ENGINEERING GROUP, INC

4441 Vineland Road Suite A8 Orlando, FL 32811

Ph: (407) 724-1790

Fax: (407) 724-1790

www.iteg.com

A DIVISION OF PARK SQUARE ENTERPRISES, INC.

5200 Vineland Road, Suite 200

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Phone: (407) 529 - 3000

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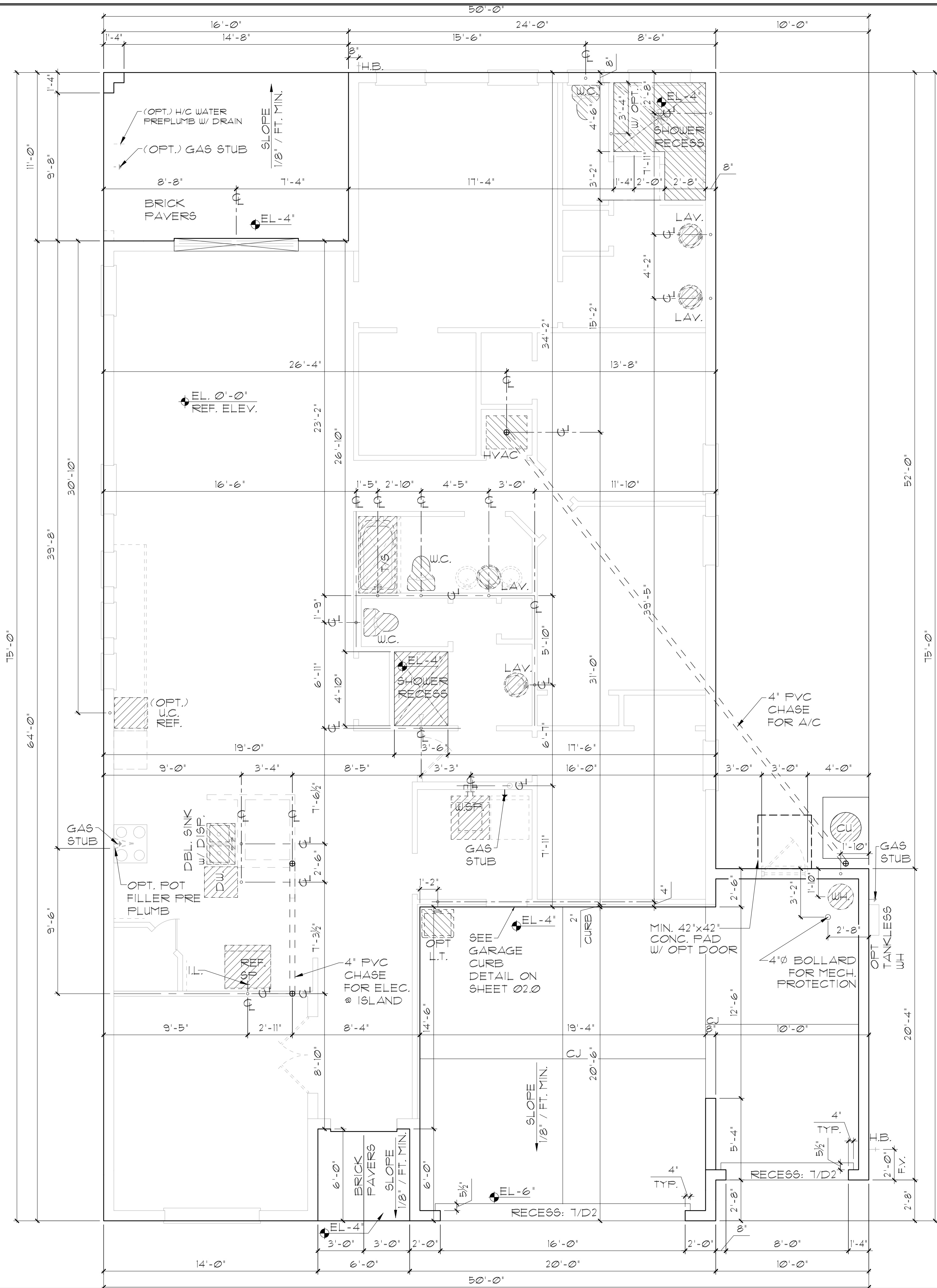
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ELEVATION A W/
OPT. 3-CAR GARAGE
SLAB INTERFACE PLAN

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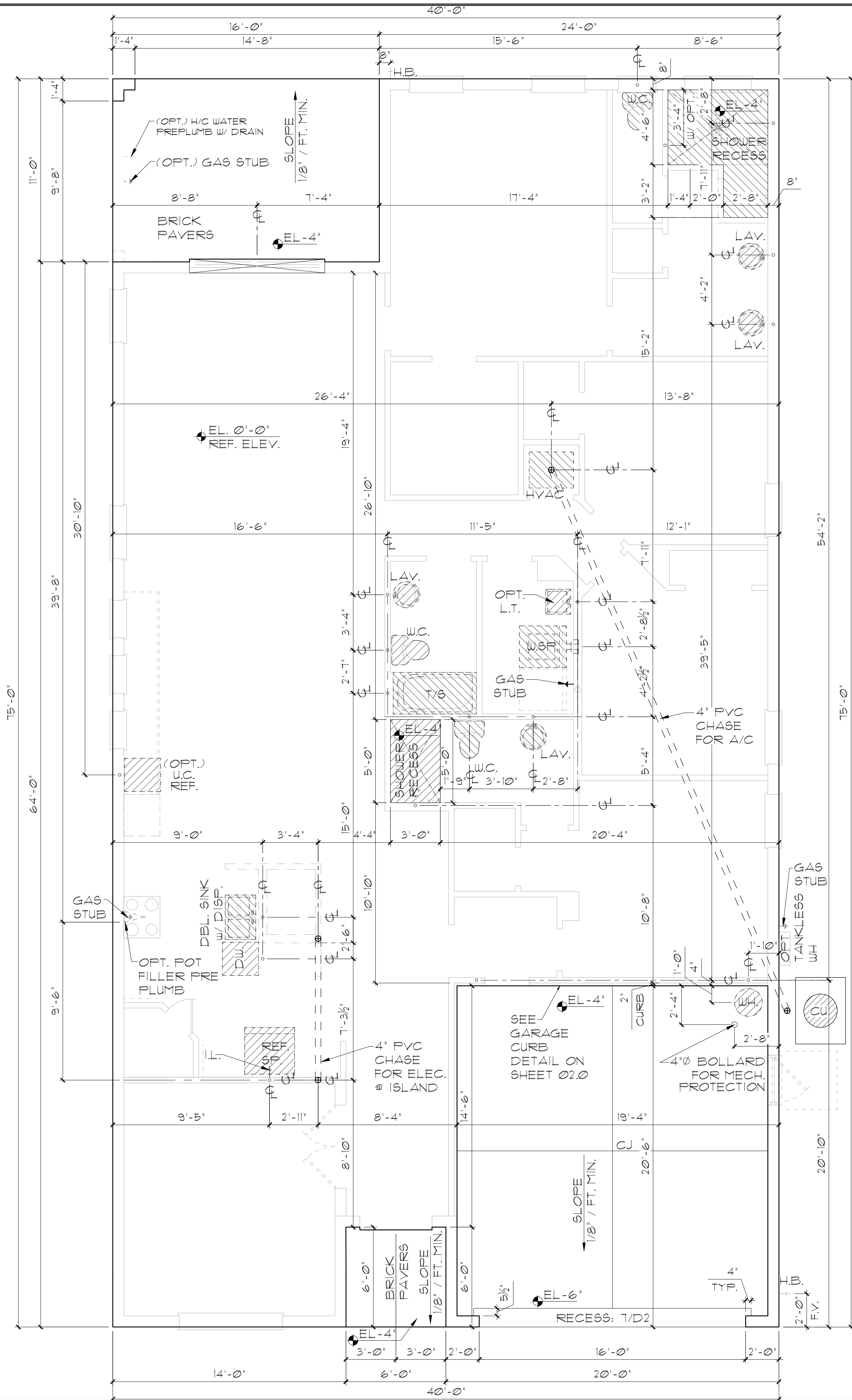
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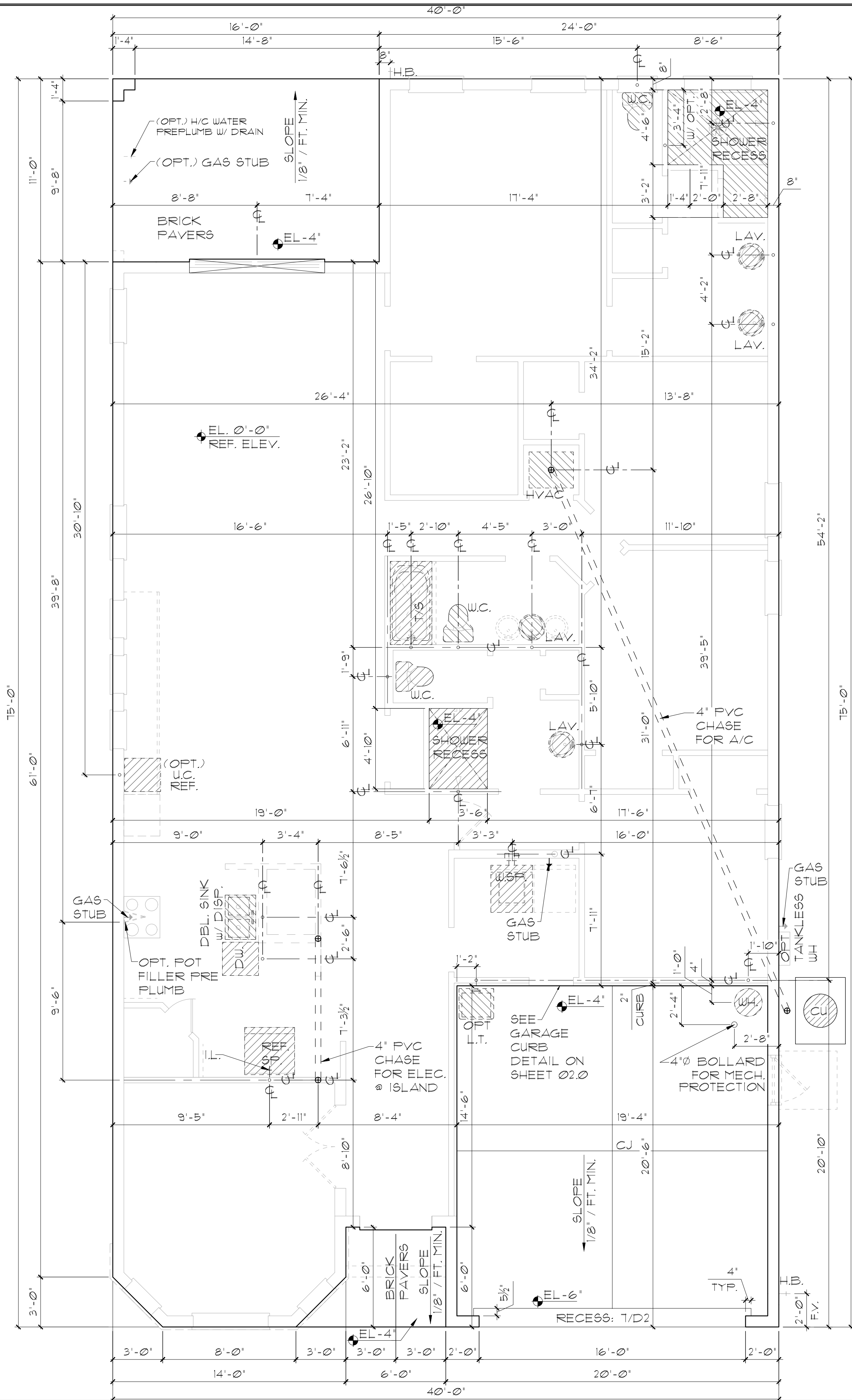
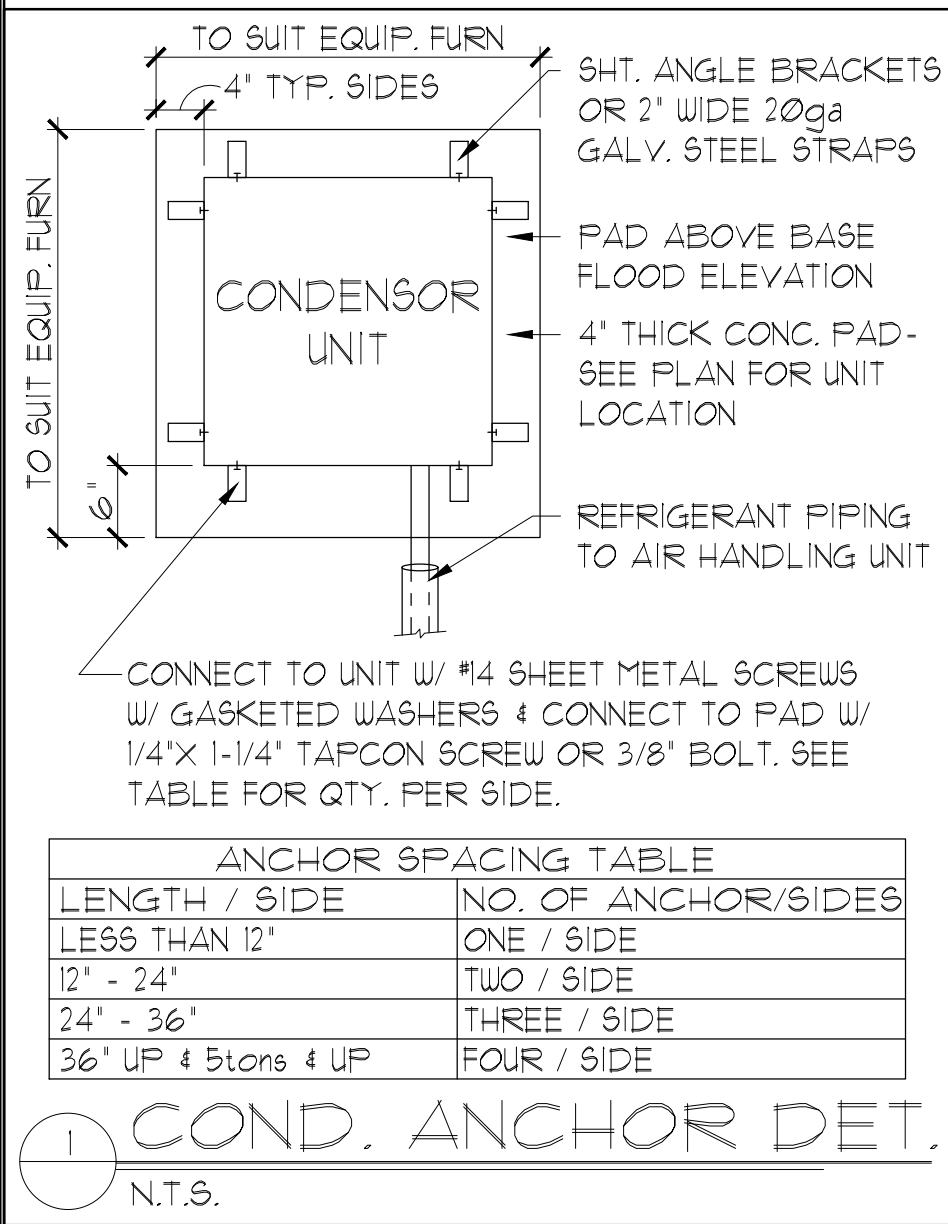
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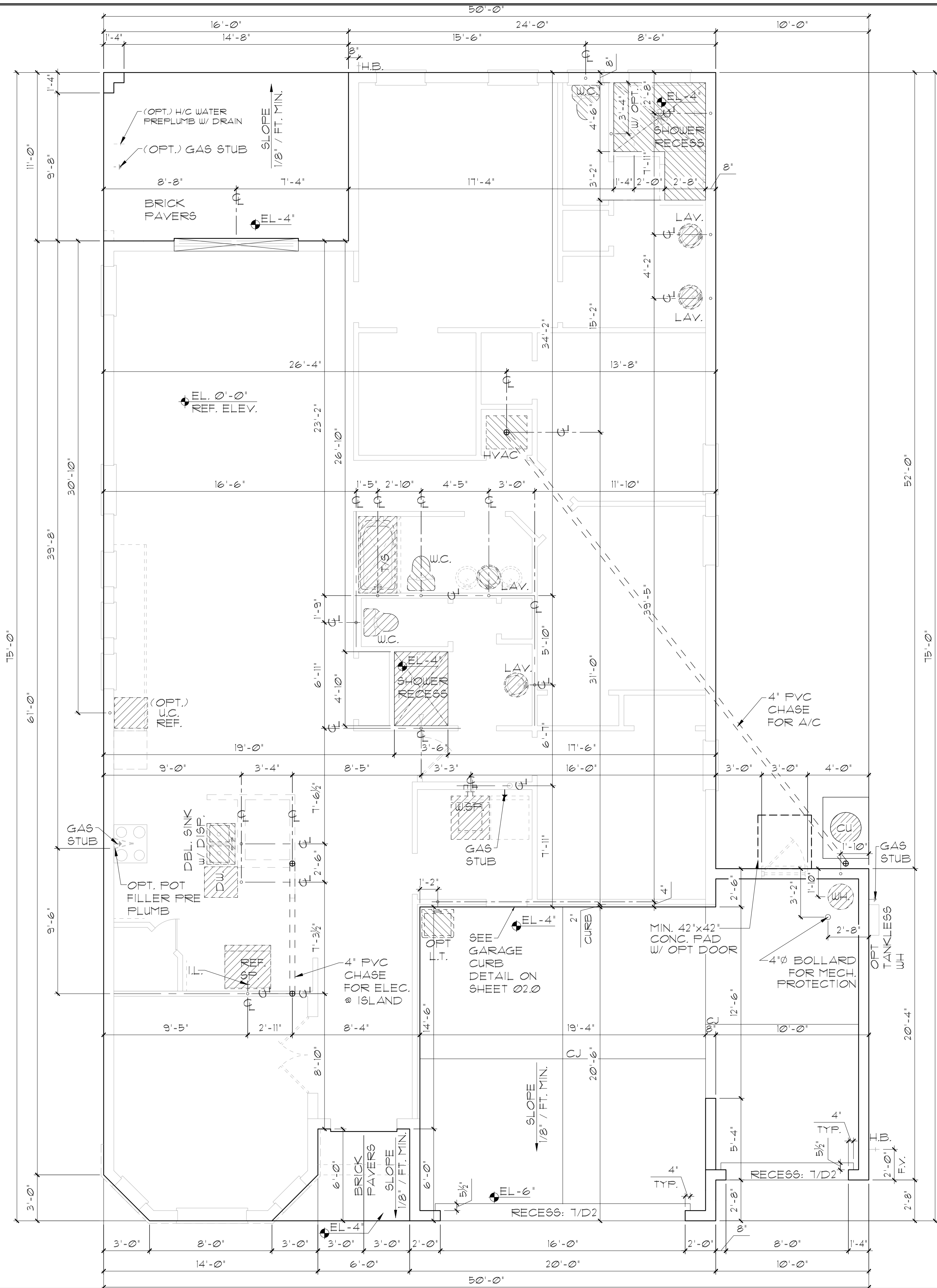
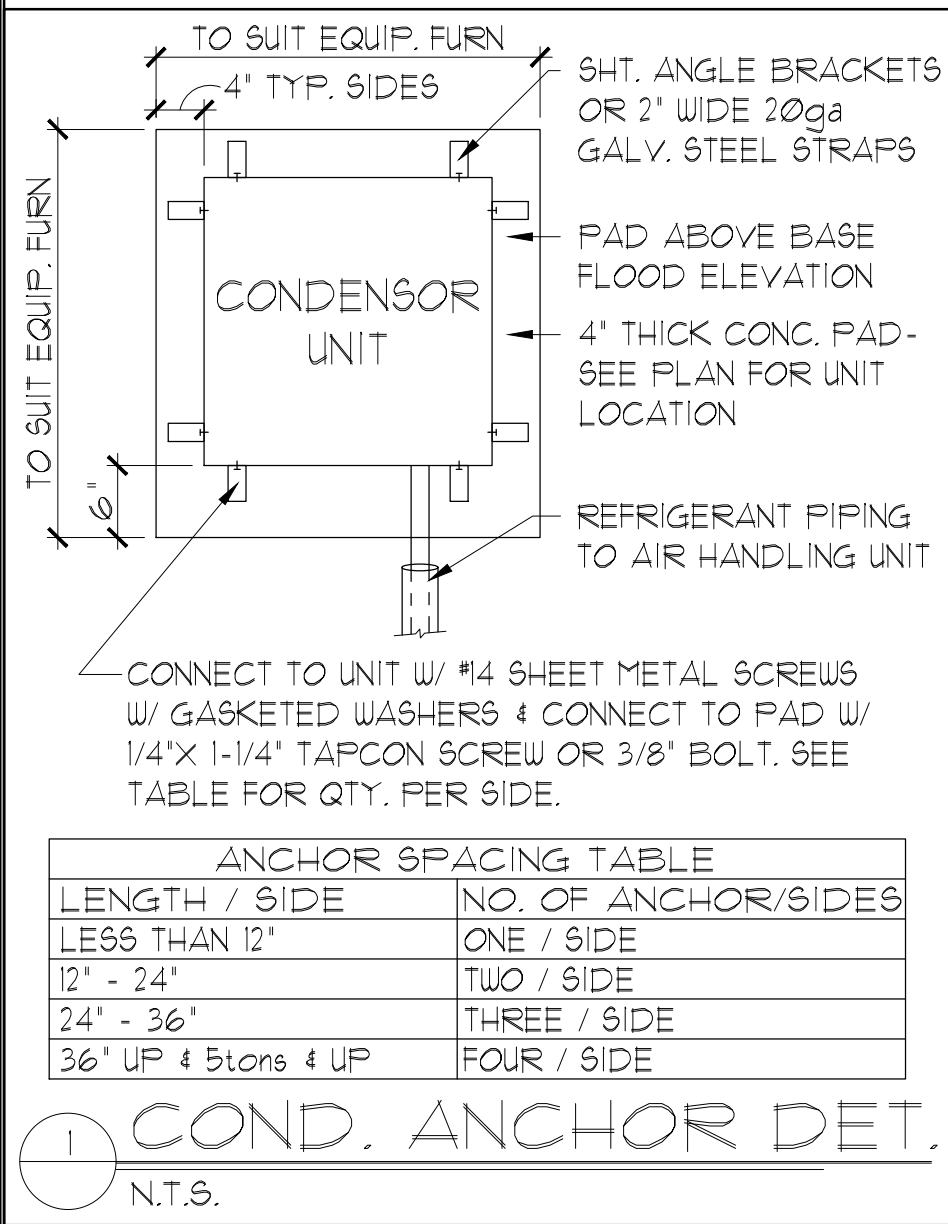
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SLAB INTERFACE PLAN

Park Square HOMES

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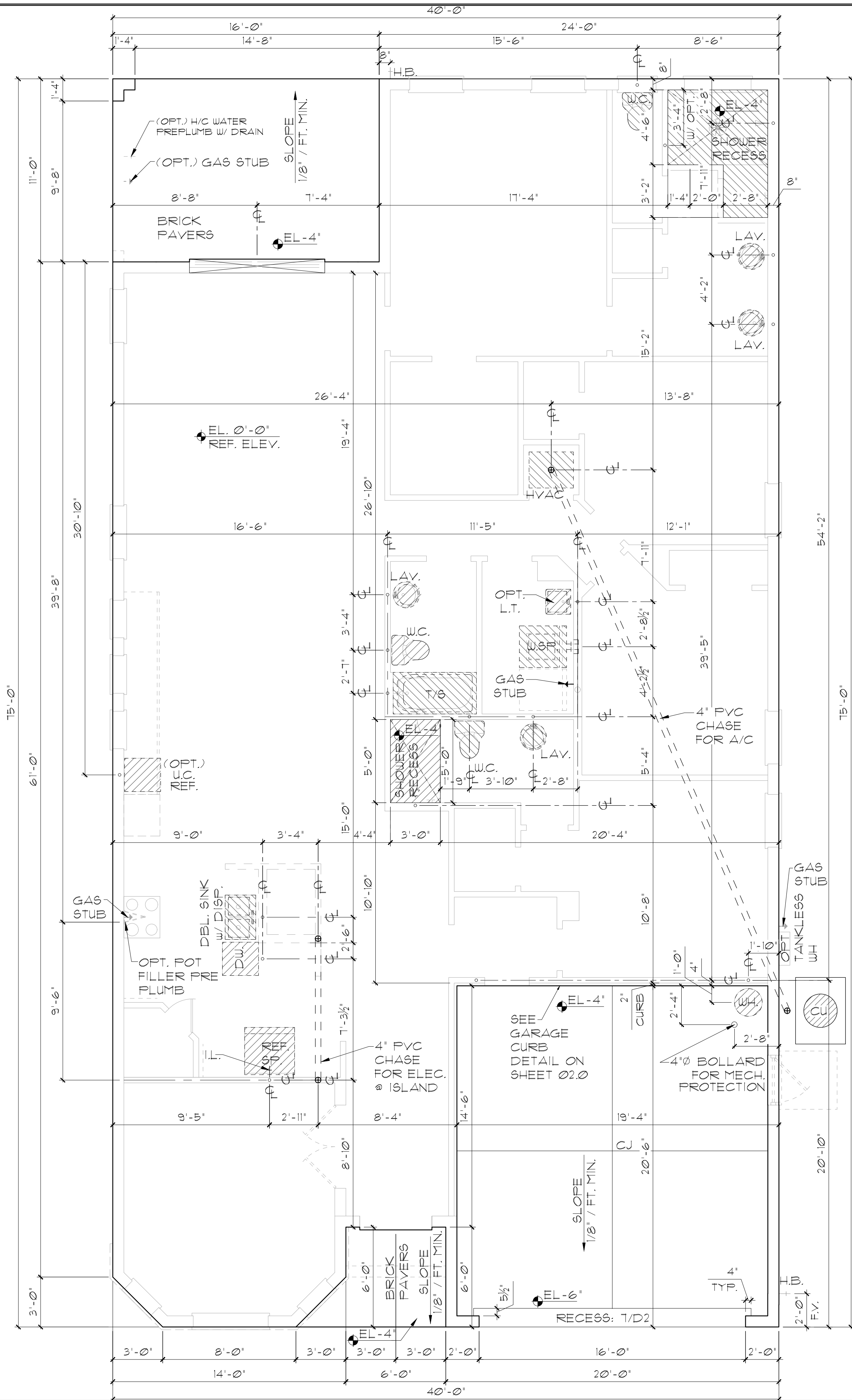
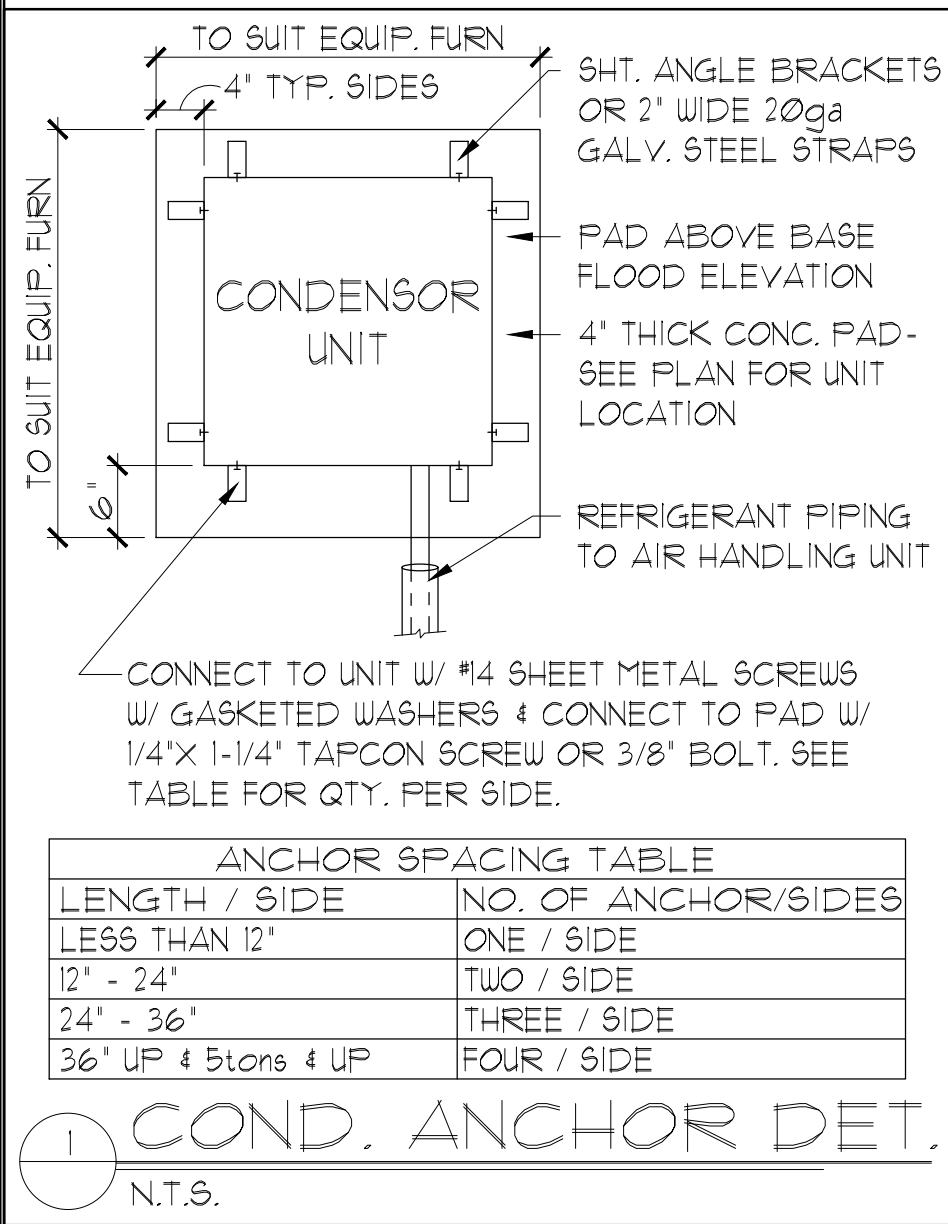
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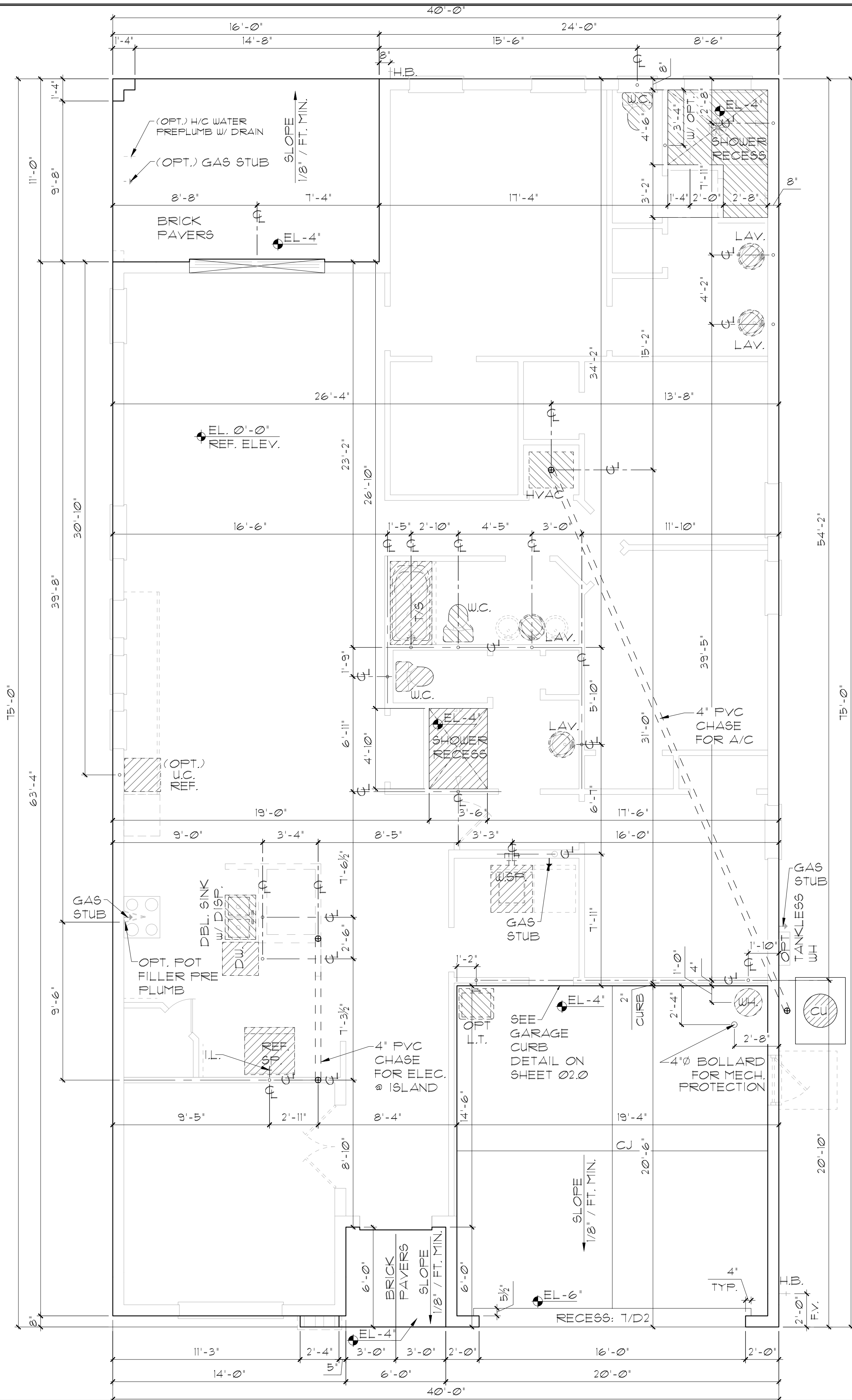
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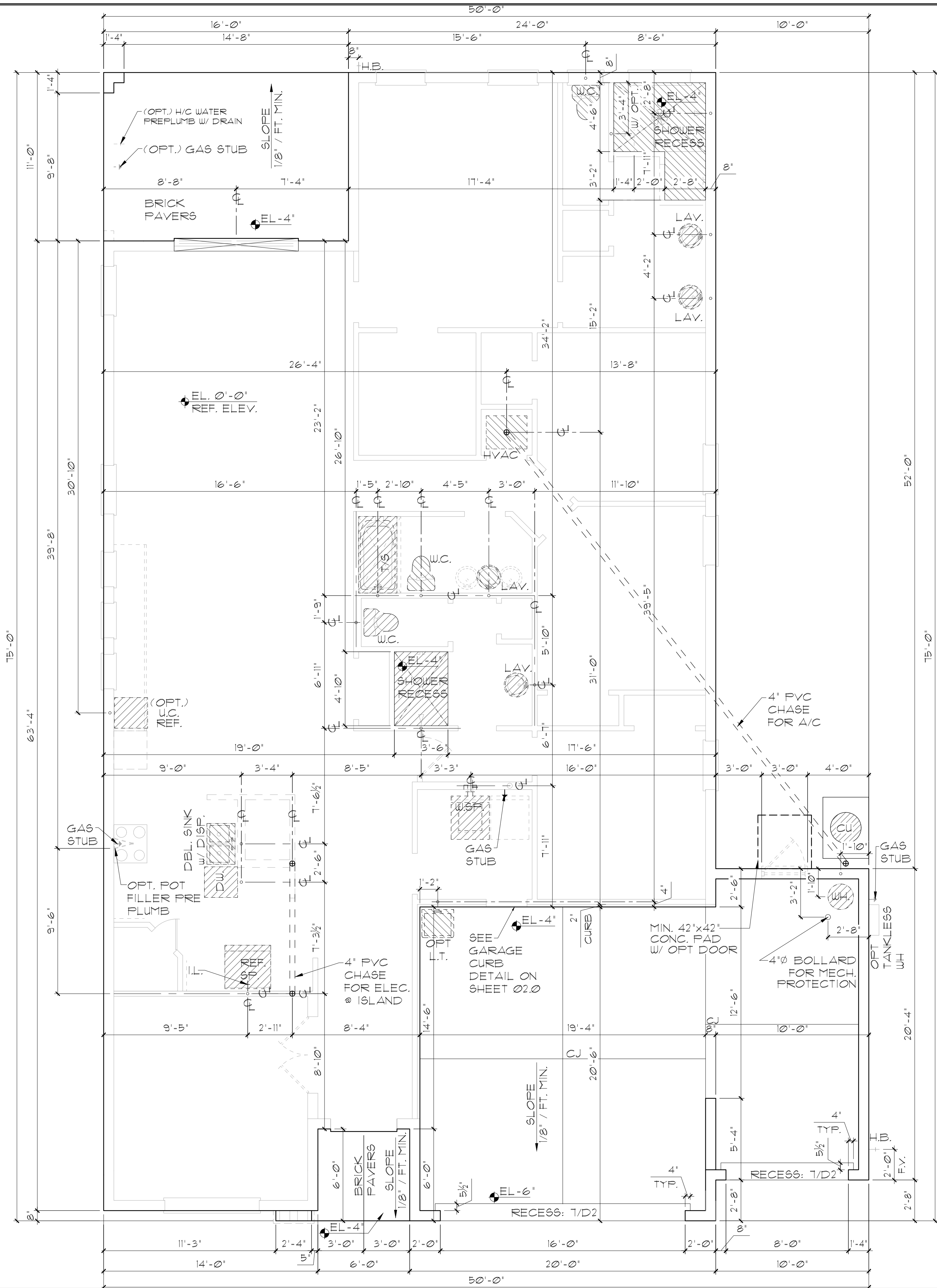
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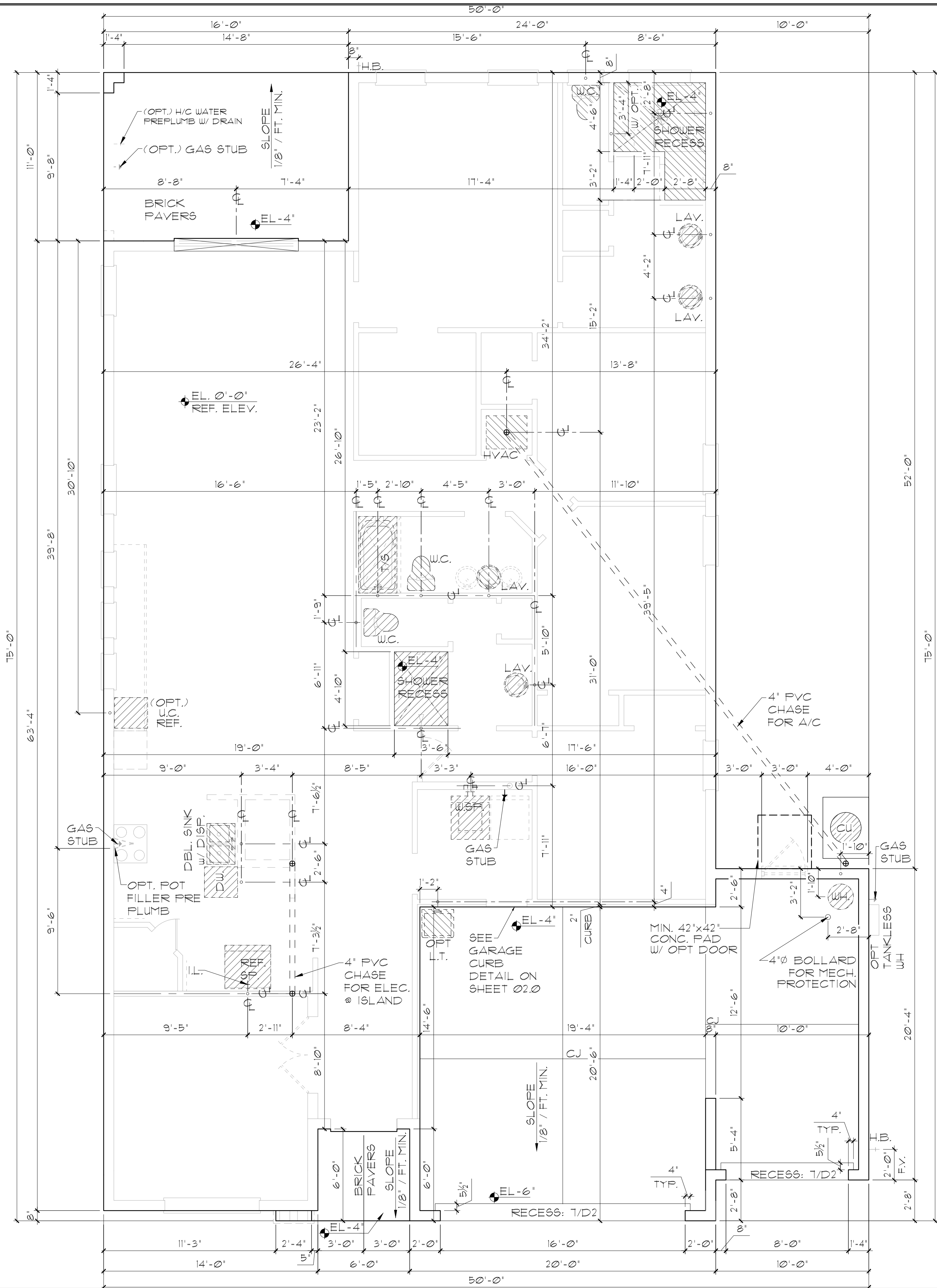
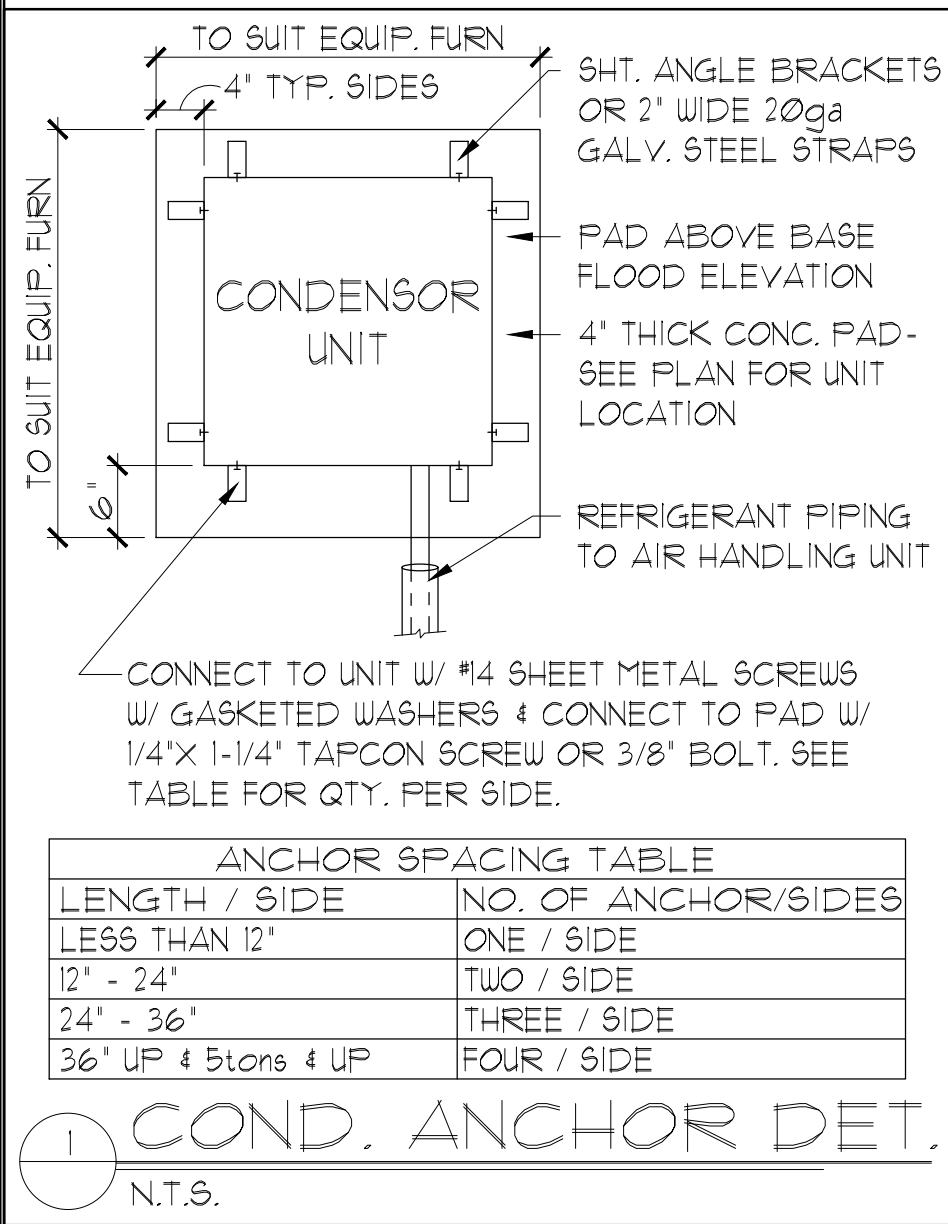
www.iteg.com

A DIVISION OF PARK SQUARE ENTERPRISES, INC.

5200 Vineland Road, Suite 200

Orlando, Florida 32811

Phone: (407) 529 - 3000



FOUNDATION NOTES

- CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
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- BORA-CARE TO BE APPLIED ON INTERIOR WALLS IAW MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PURSUANT TO FBC-R- CURRENT EDITION.

ELEVATION D W/
OPT. IN-LAW SUITE
SLAB INTERFACE PLAN

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

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

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DELTA #	DATE

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2385 HAMPTON II
FLORIDA SERIES

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Park Square HOMES

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TO SUIT EQUIP. FURN

4" TYP. SIDES

CONDENSOR UNIT

6"

TO SUIT EQUIP. FURN

8HT. ANGLE BRACKETS OR 2" WIDE 20ga GALV. STEEL STRAPS

PAD ABOVE BASE FLOOD ELEVATION

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

REFRIGERANT PIPING TO AIR HANDLING UNIT

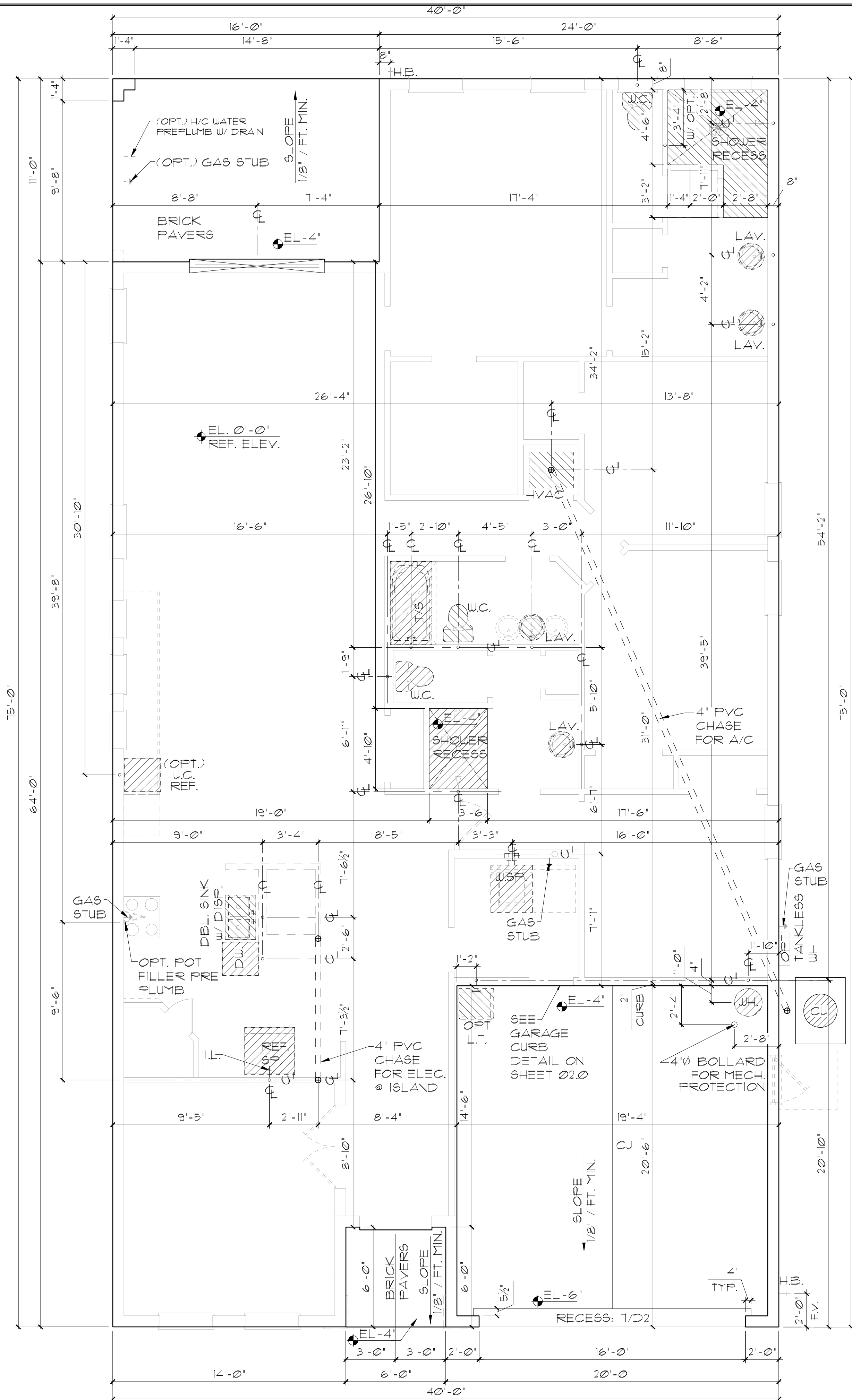
CONNECT TO UNIT W/ #14 SHEET METAL SCREWS W/ GASKETED WASHERS & CONNECT TO PAD W/ 1/4"x 1-1/4" TAPCON SCREW OR 3/8" BOLT. SEE TABLE FOR QTY. PER SIDE.

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

1

COND. ANCHOR DET.

N.T.S.



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

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2385 HAMPTON II

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TO SUIT EQUIP. FURN

4" TYP. SIDES

CONDENSOR UNIT

6"

TO SUIT EQUIP. FURN

8HT. ANGLE BRACKETS OR 2" WIDE 20ga GALV. STEEL STRAPS

PAD ABOVE BASE FLOOD ELEVATION

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

REFRIGERANT PIPING TO AIR HANDLING UNIT

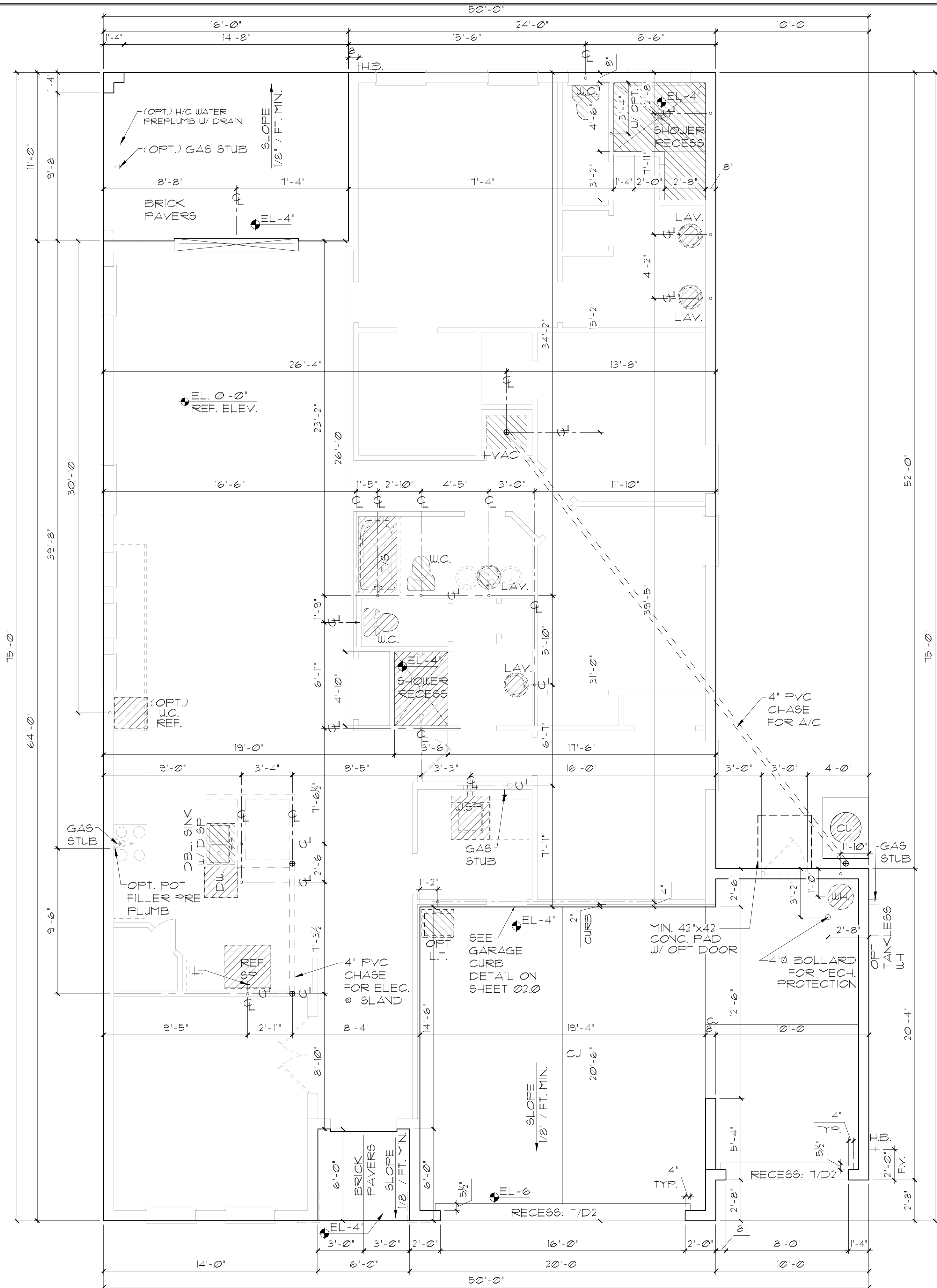
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ANCHOR SPACING TABLE	
LENGTH / SIDE	NO. OF ANCHOR/SIDES
LESS THAN 12'	ONE / SIDE
12' - 24'	TWO / SIDE
24' - 36'	THREE / SIDE
36" UP & 5tons & UP	FOUR / SIDE

1

COND. ANCHOR DET.

N.T.S.



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ELEVATION E W/
OPT. 3-CAR GARAGE
SLAB INTERFACE PLAN
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2385 HAMPTON II

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Ph: (407) 734-1790

Fax: (407) 734-1790

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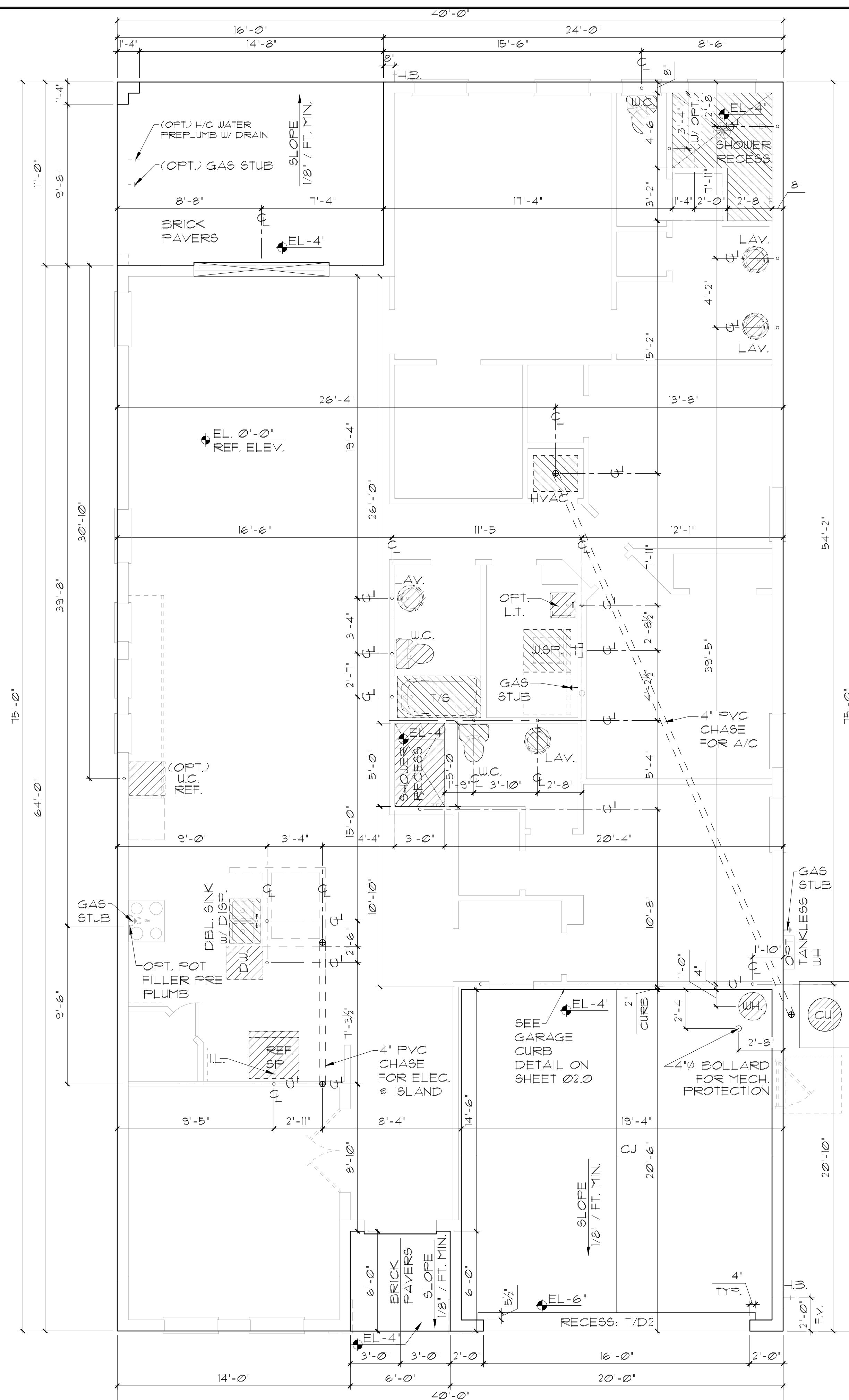
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Phone: (407) 529 - 3000

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ELEVATION E W/
OPT. IN-LAW SUITE
SLAB INTERFACE PLAN
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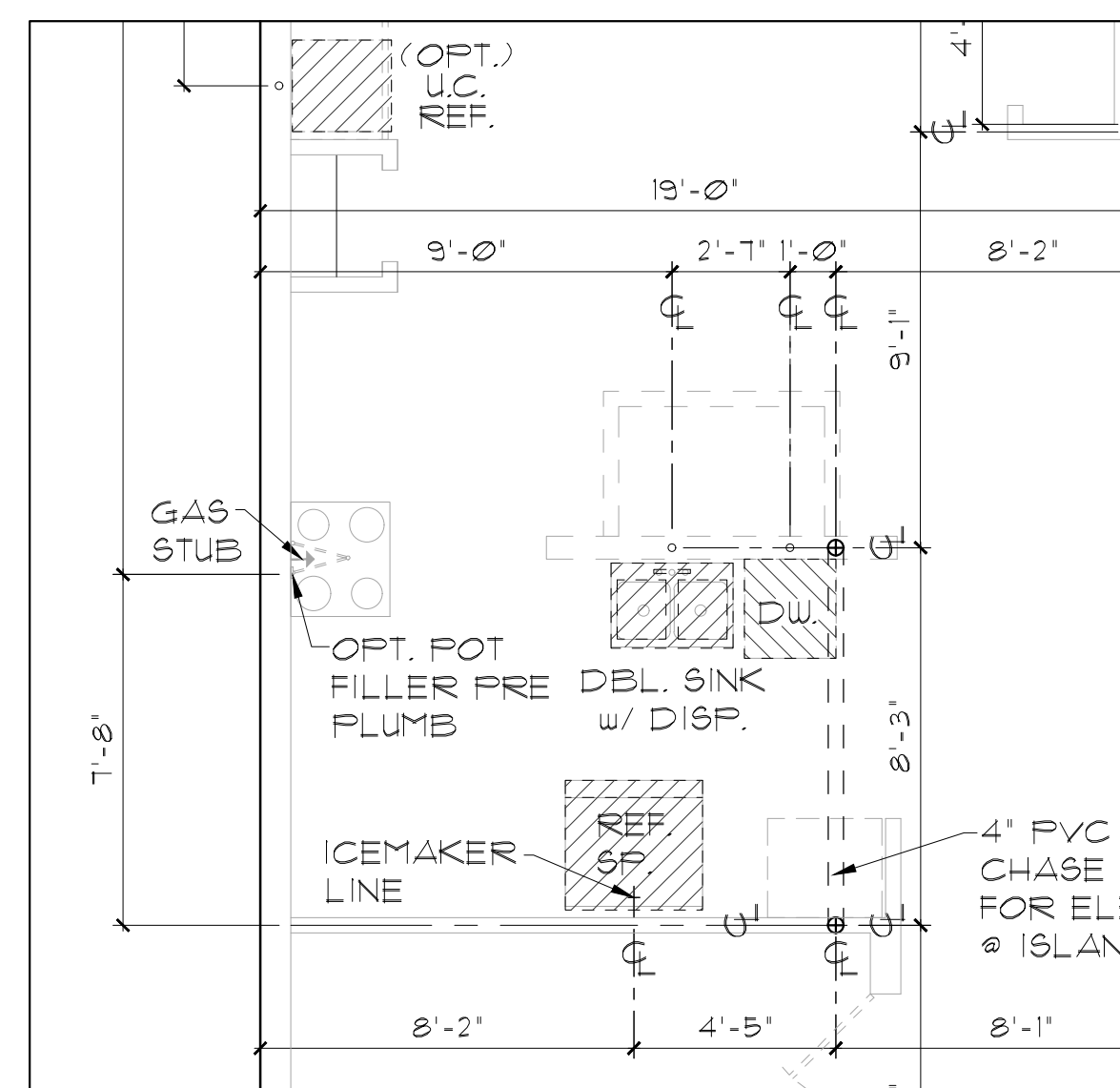
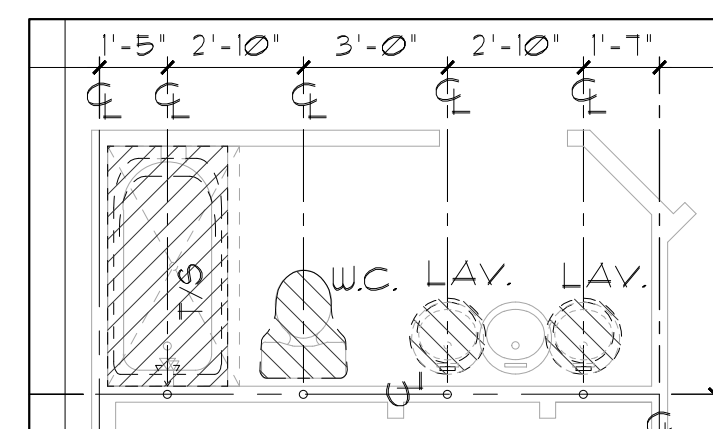
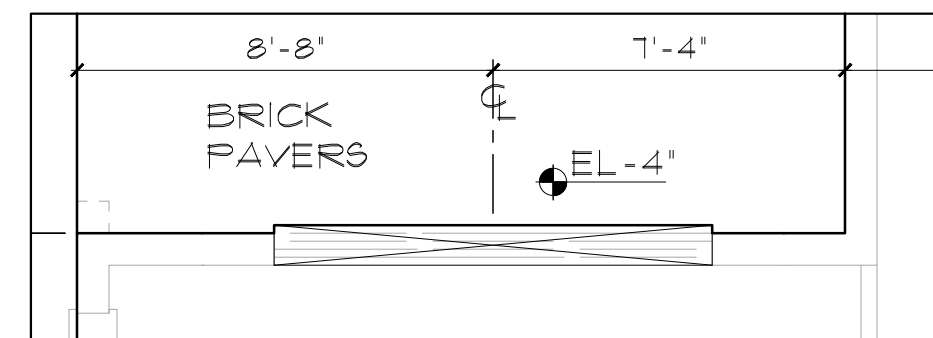
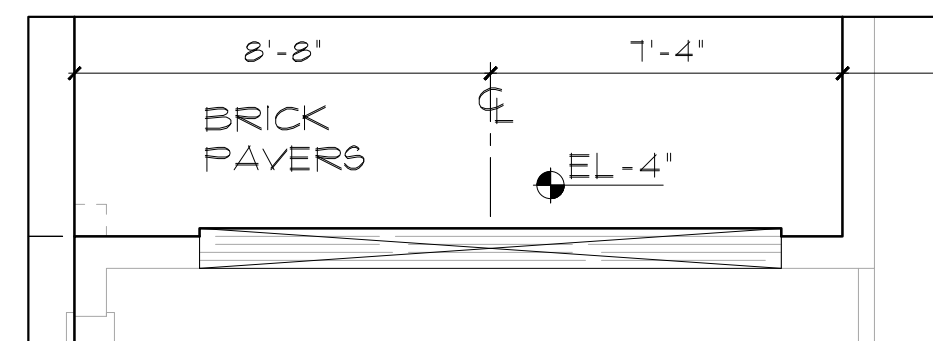
REVISIONS	
DELTA $\frac{1}{2}$	DATE
DATE: 07-23-24	
SCALE: AS NOTED	
DRAWN: MR	
SHEET:	

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SLAB INTERFACE PLAN

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





SLAB INTERFACE PLAN

FOUNDATION NOTES

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SLAB INTERFACE PLAN

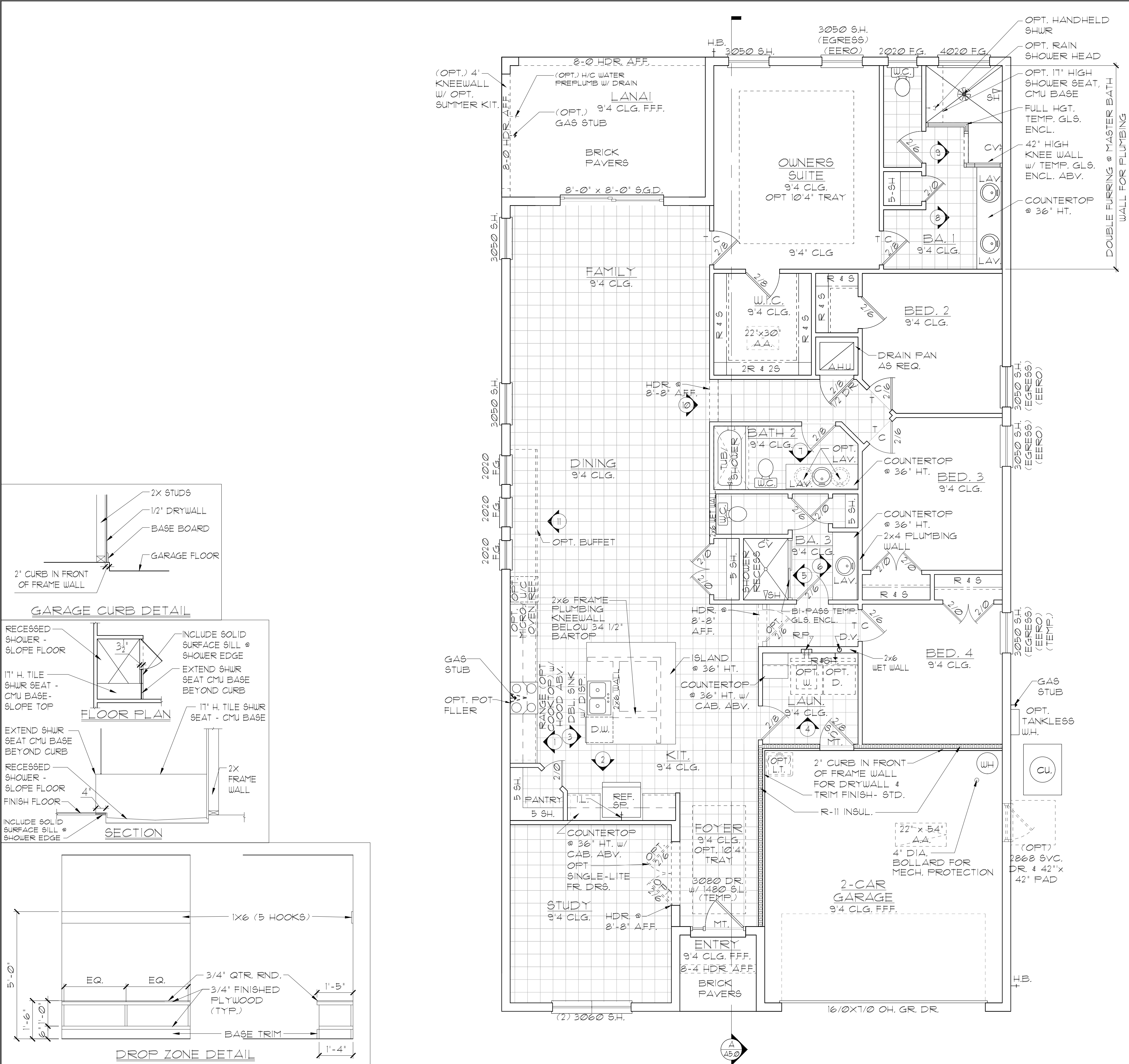
Park Square HOMES

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

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14401 Vineland Road Suite A6 Orlando, FL 32811
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Fax: (407) 734-1790
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DELTA $\frac{1}{2}$	DATE
DATE: 07-23-24	
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SHEET:	

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GENERAL NOTES

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4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 1'-5/8" UNLESS NOTED OTHERWISE.

5. DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20 MIN. FIRE RATED IAW R302.5.1

6. GARAGE SHALL BE SEPARATED FROM THE RESIDENCE & ITS ATTIC AREA BY NOT LESS THAN 1/2" GYP. BD. APPLIED TO THE GAR. SIDE. PROVIDE 5/8" TYPE 'X' GYP. BD. AT CEILING ONLY APPLIED PERPENDICULAR TO CEILING FRAME R102.5.5

7. PULL ALL DIMENSIONS FROM THE REAR OF THE PLAN

8. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFO.

WALL LEGEND

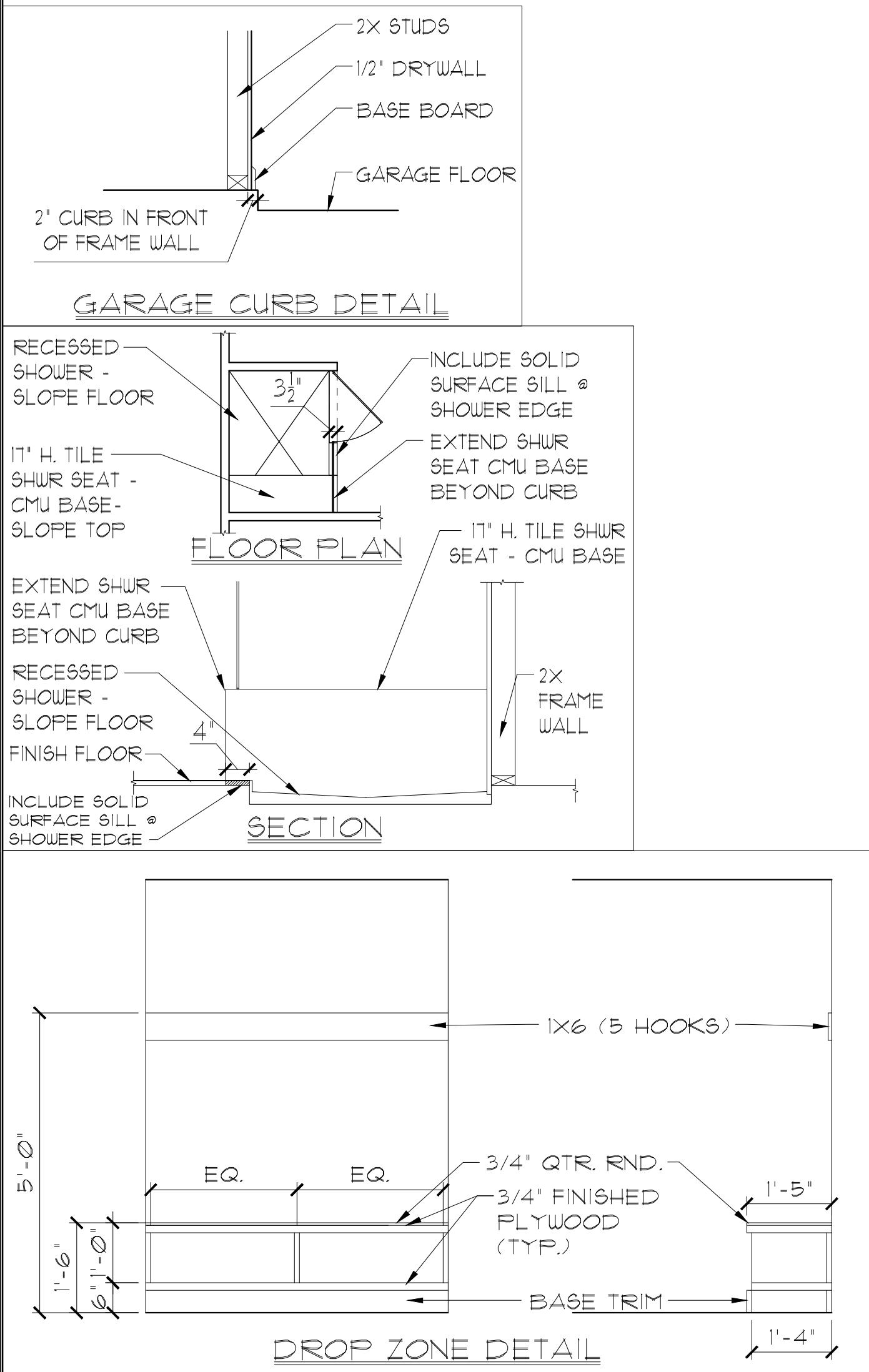
DENOTES CONC. BLOCK WALL HGT. @ 9'-4" AFF.

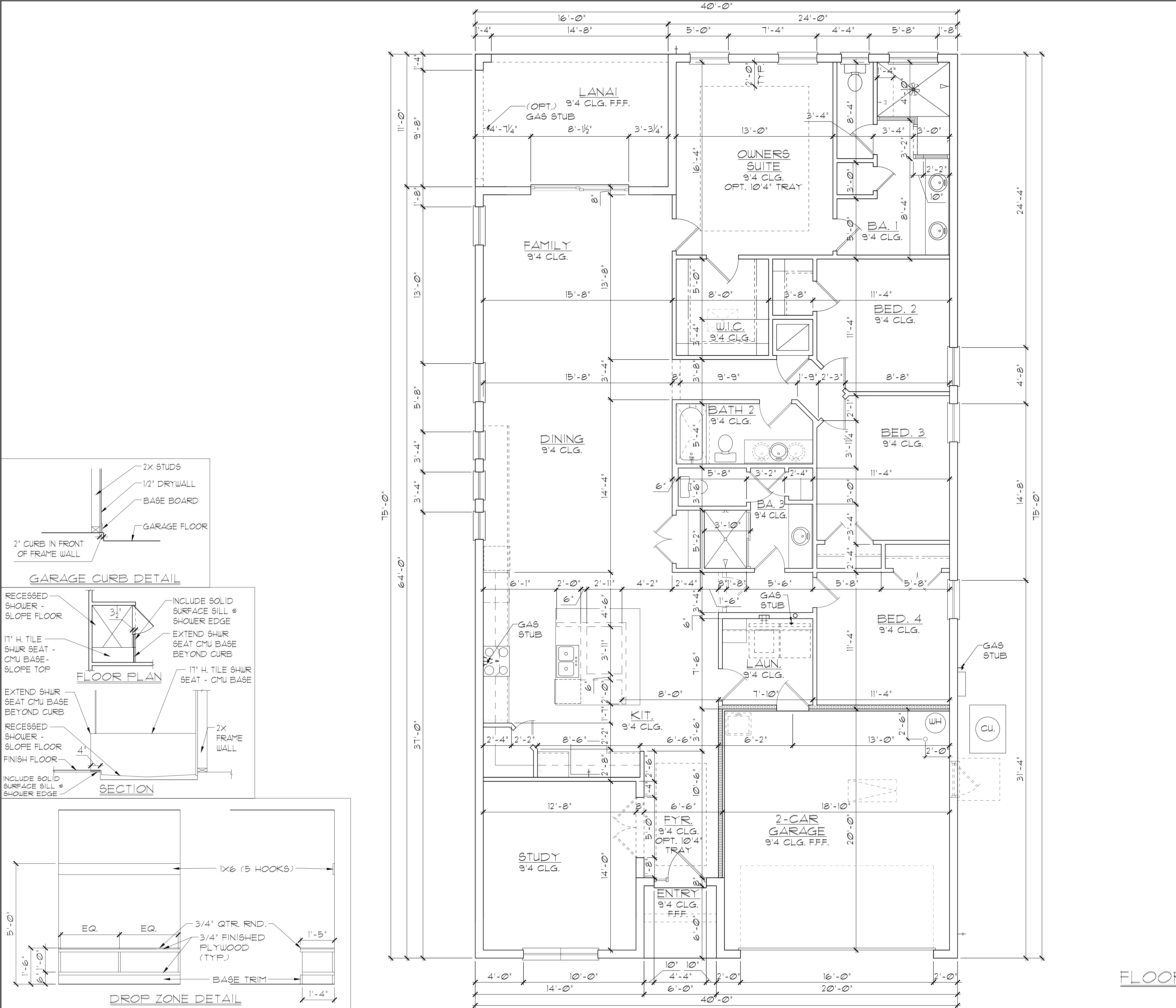
DENOTES CONC. BLOCK WALL HGT. @ 10'-0" AFF.

DENOTES CONC. BLOCK WALL HGT. @ 12'-0" AFF.

DENOTES 2x INSULATED FRAME WALL

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





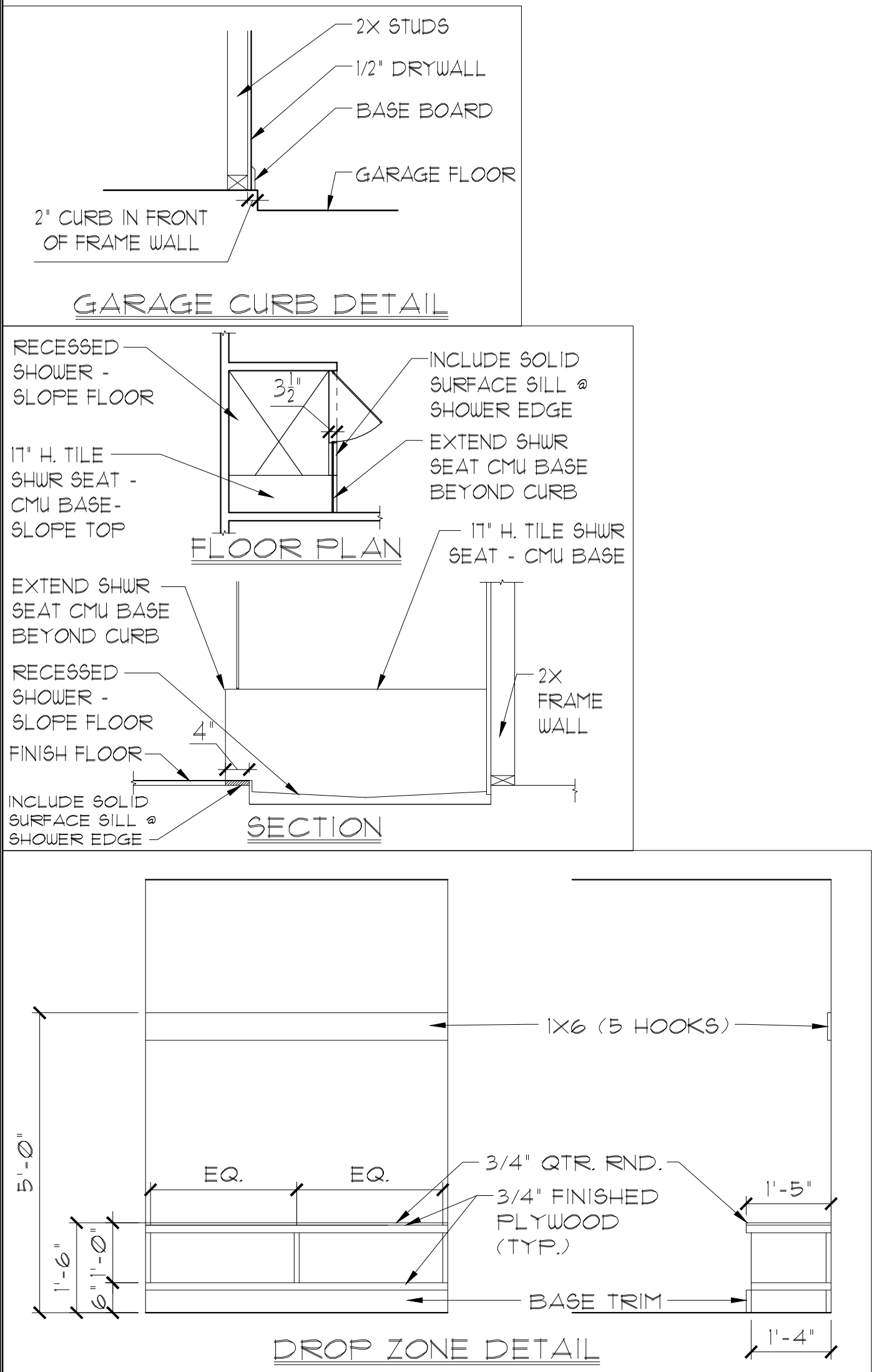
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WALL LEGEND

[Symbol]	DENOTES CONC. BLOCK WALL HGT. @ 9'-4" AFF.
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[Symbol]	DENOTES 2x INSULATED FRAME WALL

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



AREA CALCULATIONS	
TOTAL LIVING	2,384 SF.
GARAGE	404 SF.
ENTRY	18 SF.
LANAI	176 SF.
TOTAL UNDER ROOF	2,982 SF.

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

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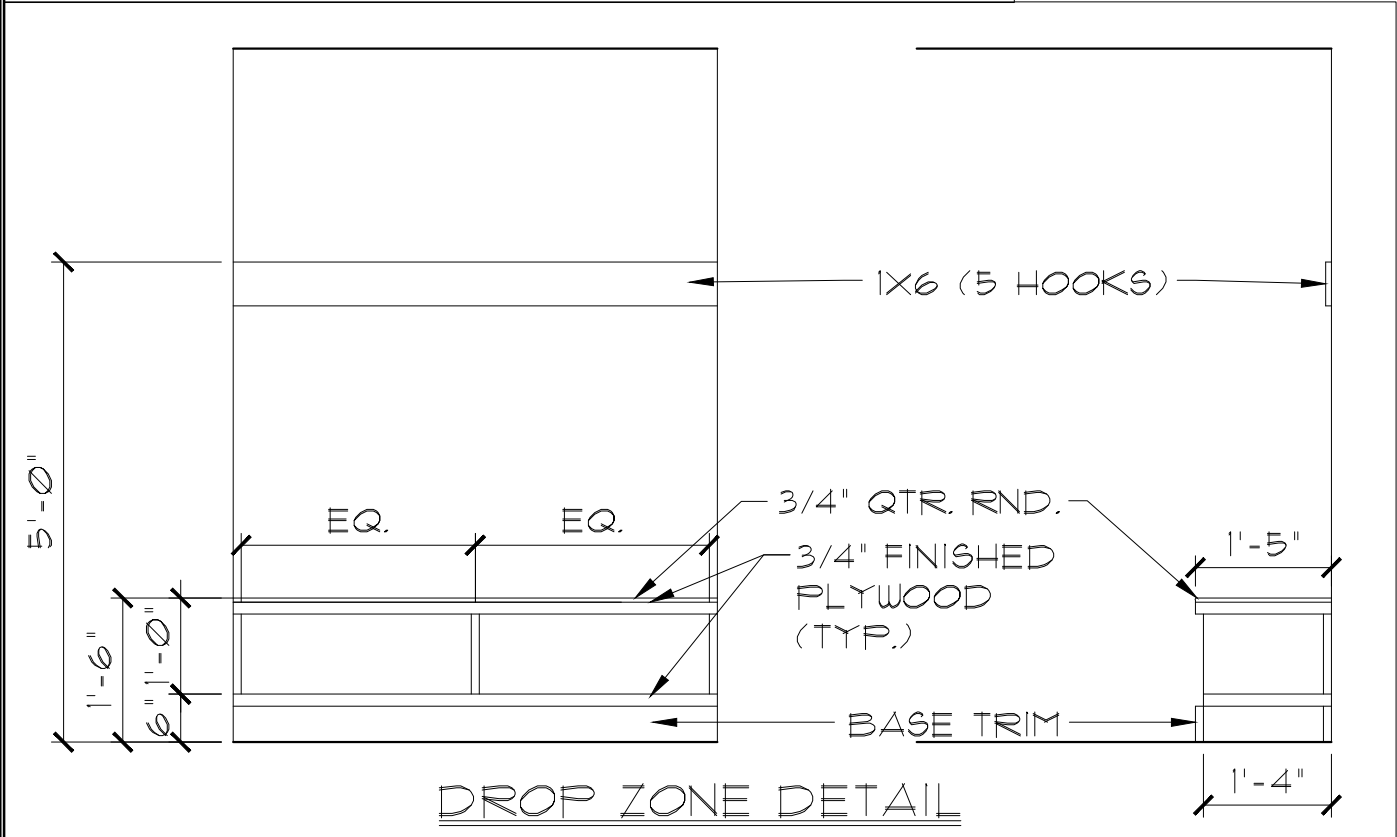
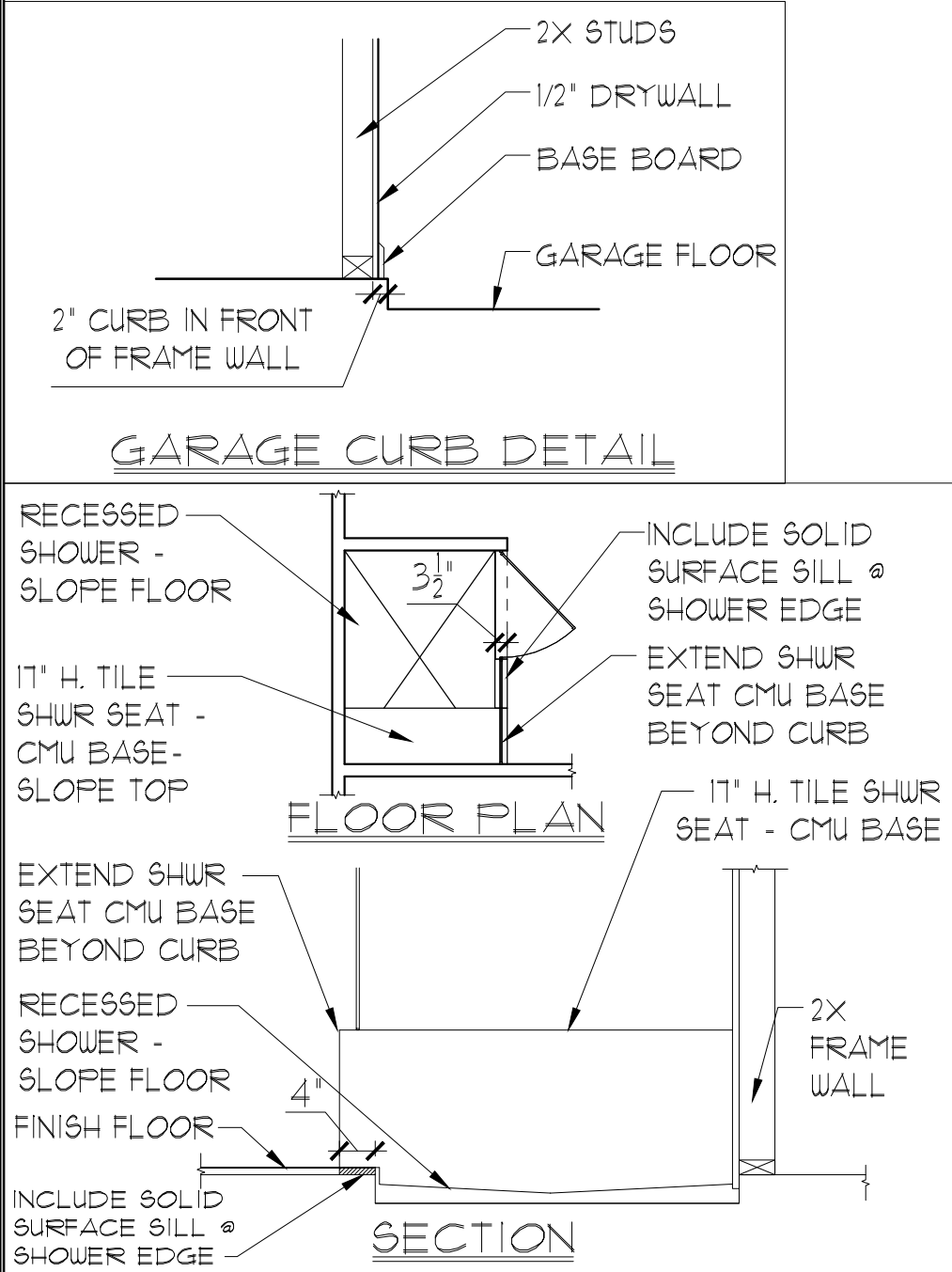
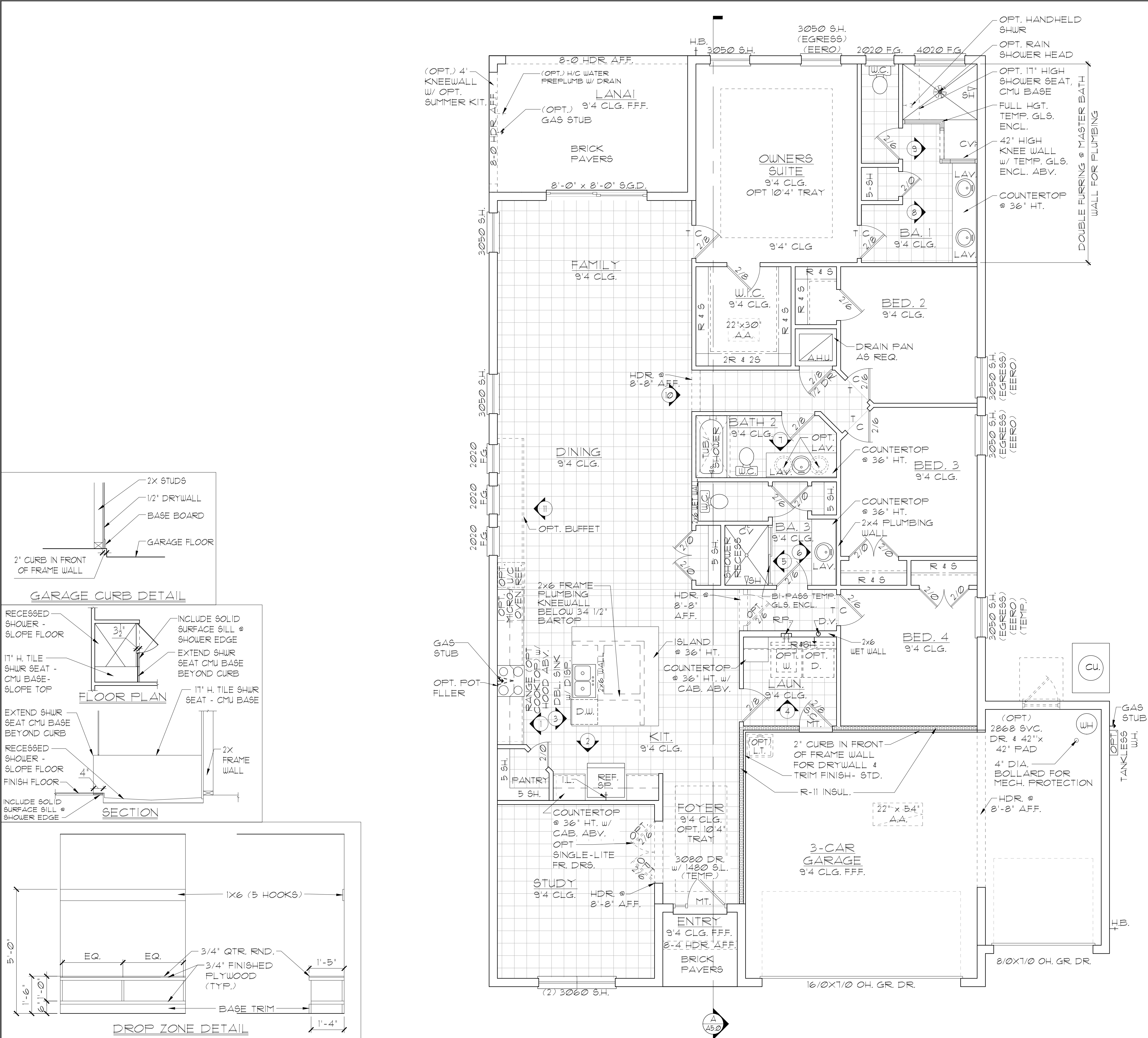
FLORIDA SERIES

FLOOR PLAN

W/ DIMENSIONS

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Fax: (407) 724-1790
www.itec.com

A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineland Road, Suite 200
Orlando, Florida 32811
Phone: (407) 629 - 3000



GENERAL NOTES

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7.

PULL ALL DIMENSIONS FROM THE REAR OF THE PLAN

8.

SEE GENERAL NOTES PAGE FOR ADDITIONAL INFO.

WALL LEGEND

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AREA CALCULATIONS	
TOTAL LIVING-----	2,384 SF.
GARAGE-----	607 SF.
ENTRY-----	18 SF.
LANAI-----	116 SF.
TOTAL UNDER ROOF	3,185 SF.

ELEVATION A W/
3-CAR GARAGE
FLOOR PLAN W/ NOTES
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2385 HAMPTON II

FLORIDA SERIES

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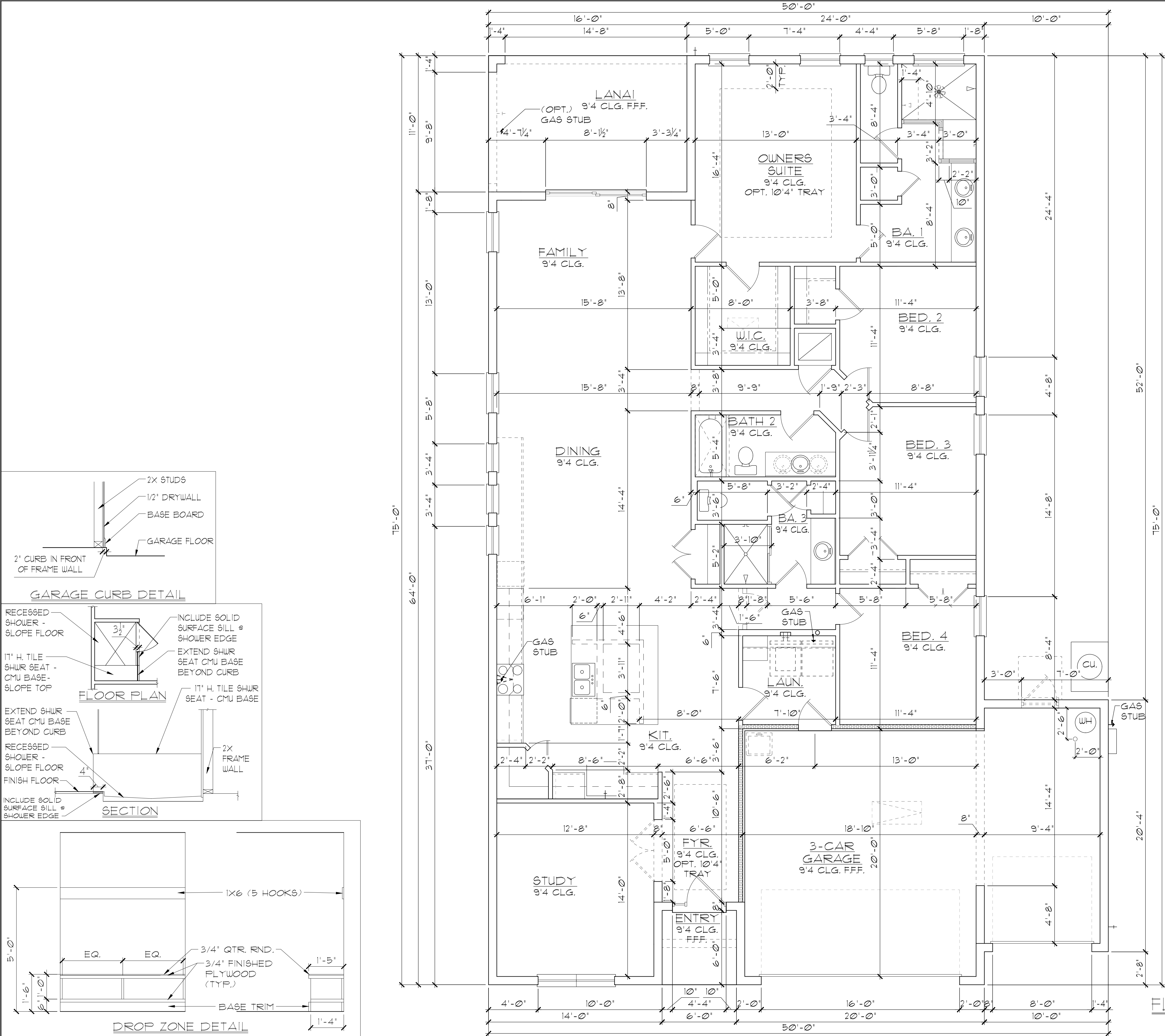
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FLOOR PLAN W/ NOTES

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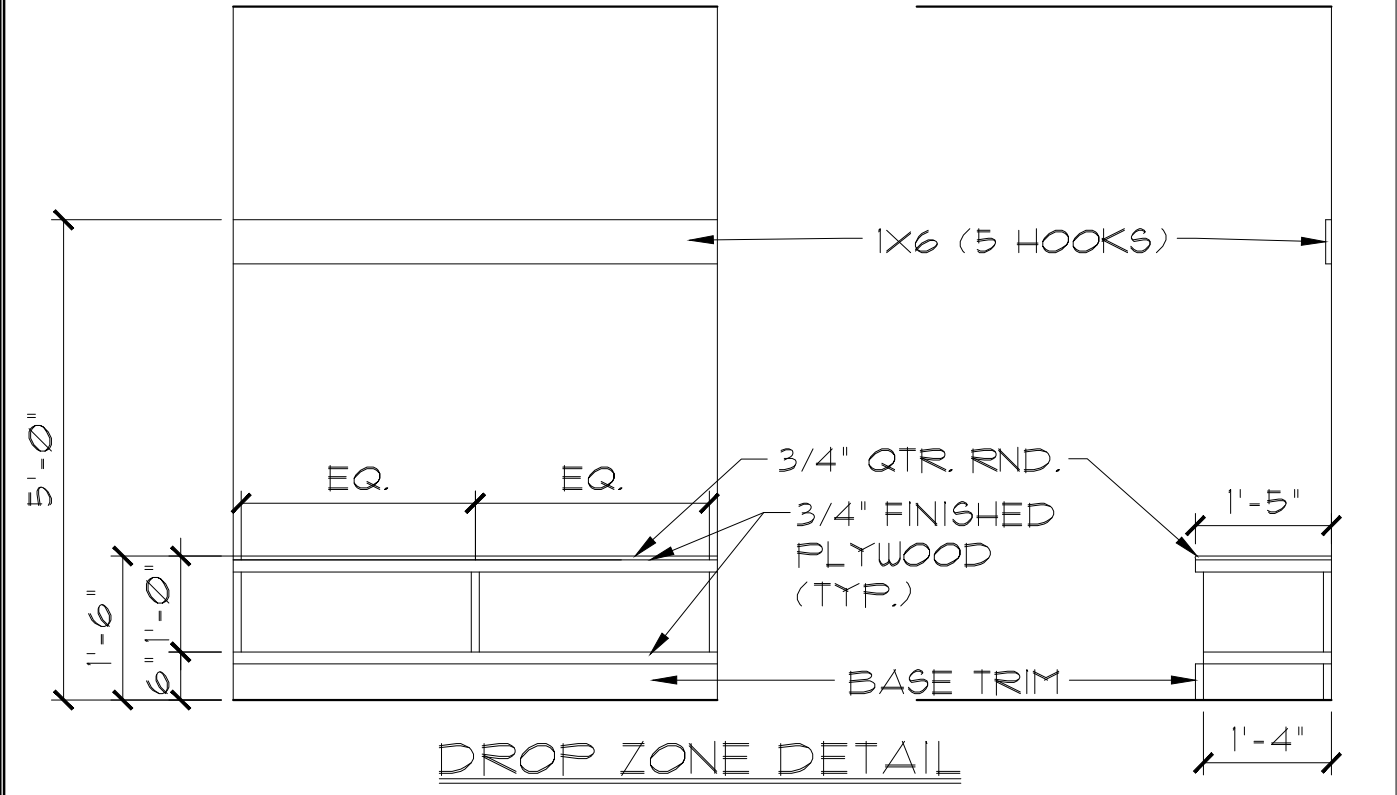
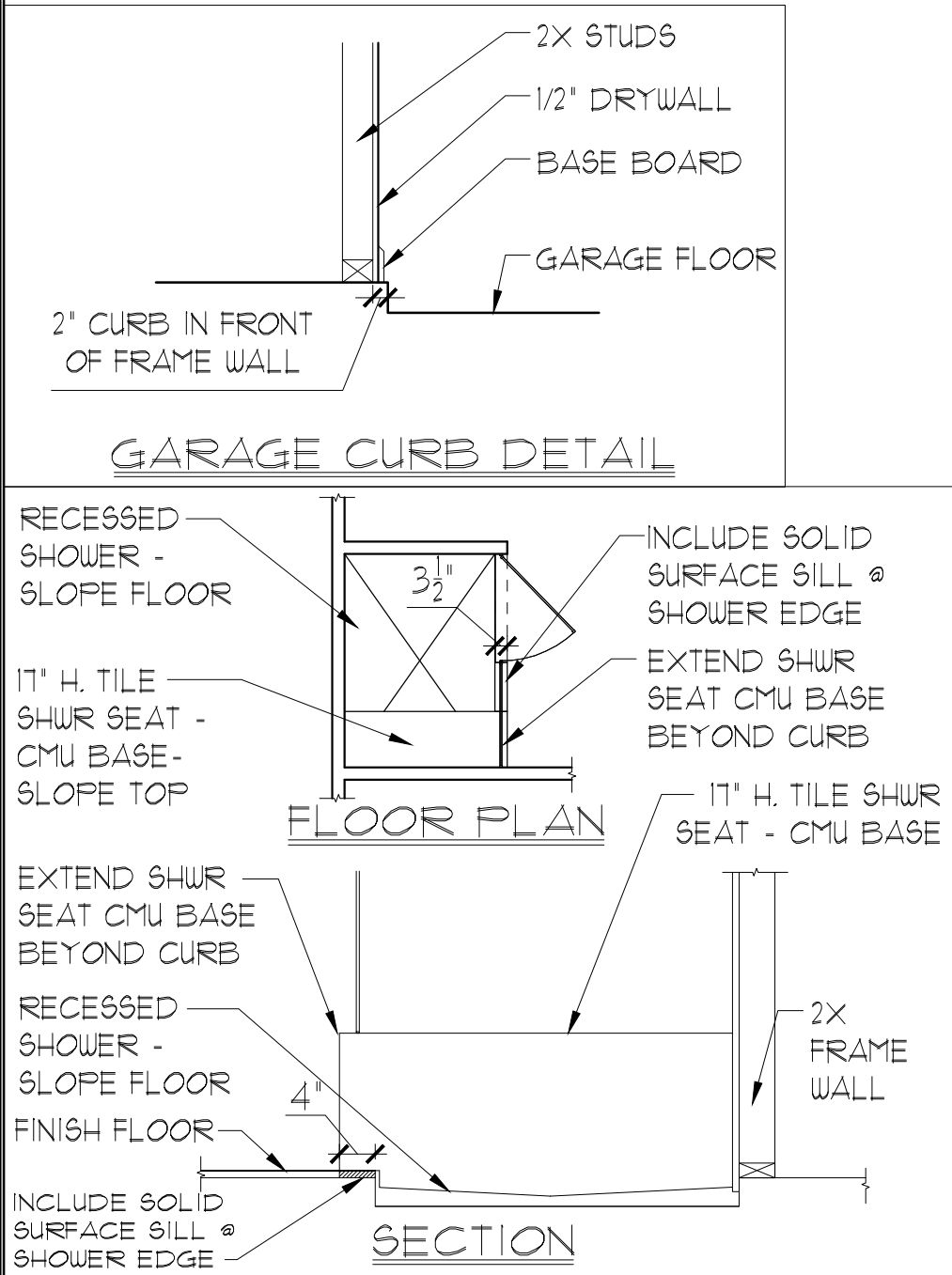
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- DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20 MIN. FIRE RATED [AW R302.5.1]
- GARAGE SHALL BE SEPARATED FROM THE RESIDENCE & ITS ATTIC AREA 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 R102.5.5
- PULL ALL DIMENSIONS FROM THE REAR OF THE PLAN
- SEE GENERAL NOTES PAGE FOR ADDITIONAL INFO.

WALL LEGEND

[Symbol]	DENOTES CONC. BLOCK WALL HGT. @ 9'-4" AFF.
[Symbol]	DENOTES CONC. BLOCK WALL HGT. @ 10'-0" AFF.
[Symbol]	DENOTES CONC. BLOCK WALL HGT. @ 12'-0" AFF.
[Symbol]	DENOTES 2x INSULATED FRAME WALL

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



AREA CALCULATIONS	
TOTAL LIVING-----	2,384 SF.
GARAGE-----	607 SF.
ENTRY-----	18 SF.
LANAI-----	176 SF.
TOTAL UNDER ROOF	3,185 SF.

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

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.

LOT: 0000, COMMUNITY

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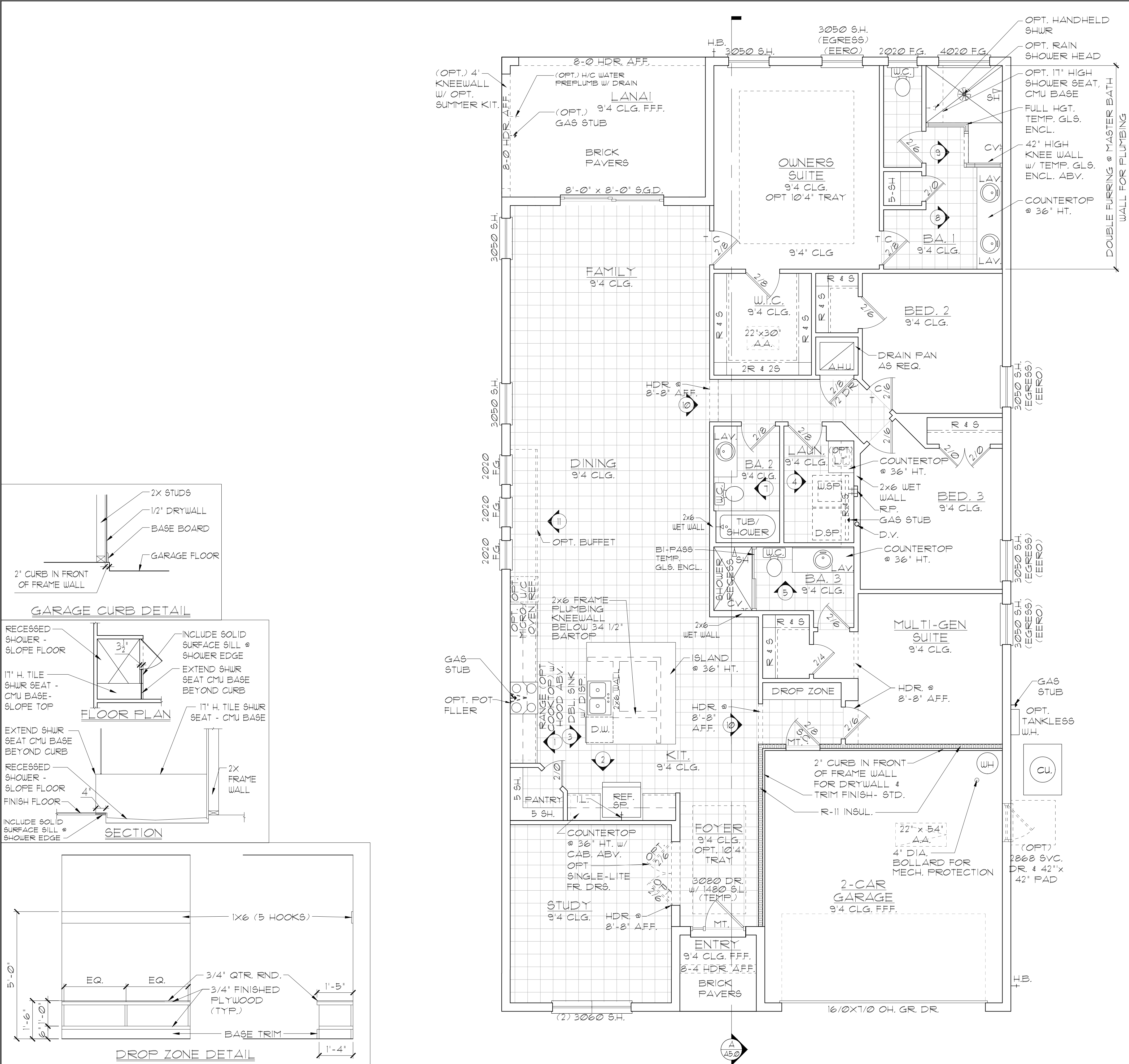
Park Square HOMES

FLOOR PLAN
2385 HAMPTON II
FLORIDA SERIES

W/ DIMENSIONS

REVISIONS	
DELTA #	DATE

DATE: 07-23-24
SCALE: AS NOTED
DRAWN: MR
SHEET: 02.3



GENERAL NOTES

- CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
- DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
- ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3'-1/2" UNLESS NOTED OTHERWISE.
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- DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20 MIN. FIRE RATED IAW R302.5.1
- 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 R102.5.5
- PULL ALL DIMENSIONS FROM THE REAR OF THE PLAN
- SEE GENERAL NOTES PAGE FOR ADDITIONAL INFO.

WALL LEGEND

[Symbol]	DENOTES CONC. BLOCK WALL HGT. @ 9'-4" AFF.
[Symbol]	DENOTES CONC. BLOCK WALL HGT. @ 10'-0" AFF.
[Symbol]	DENOTES CONC. BLOCK WALL HGT. @ 12'-0" AFF.
[Symbol]	DENOTES 2x INSULATED FRAME WALL

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

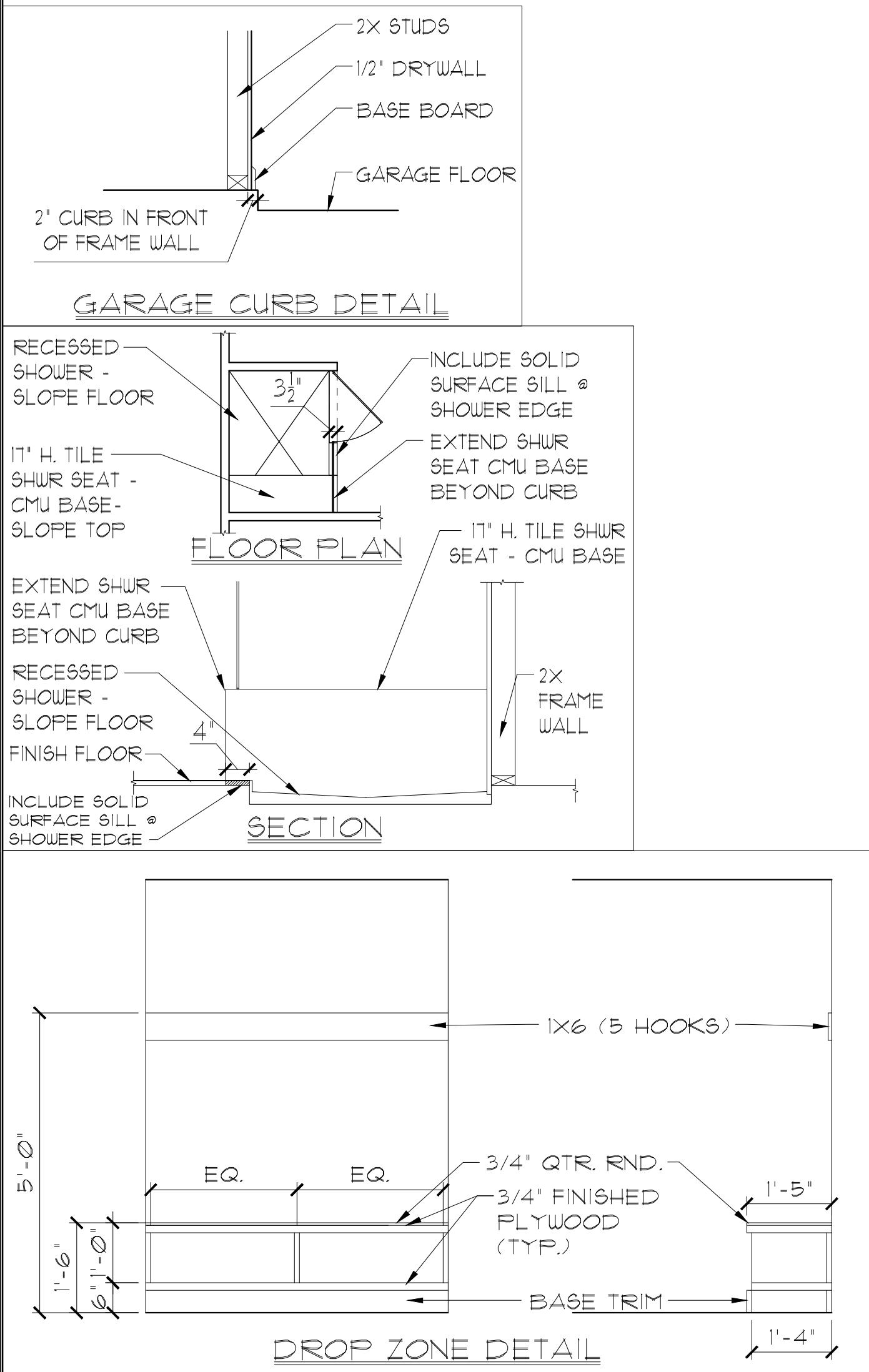
AREA CALCULATIONS

TOTAL LIVING	2,384 SF.
GARAGE	607 SF.
ENTRY	18 SF.
LANAI	116 SF.
TOTAL UNDER ROOF	3,185 SF.

ELEVATION A

FLOOR PLAN W/ NOTES

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



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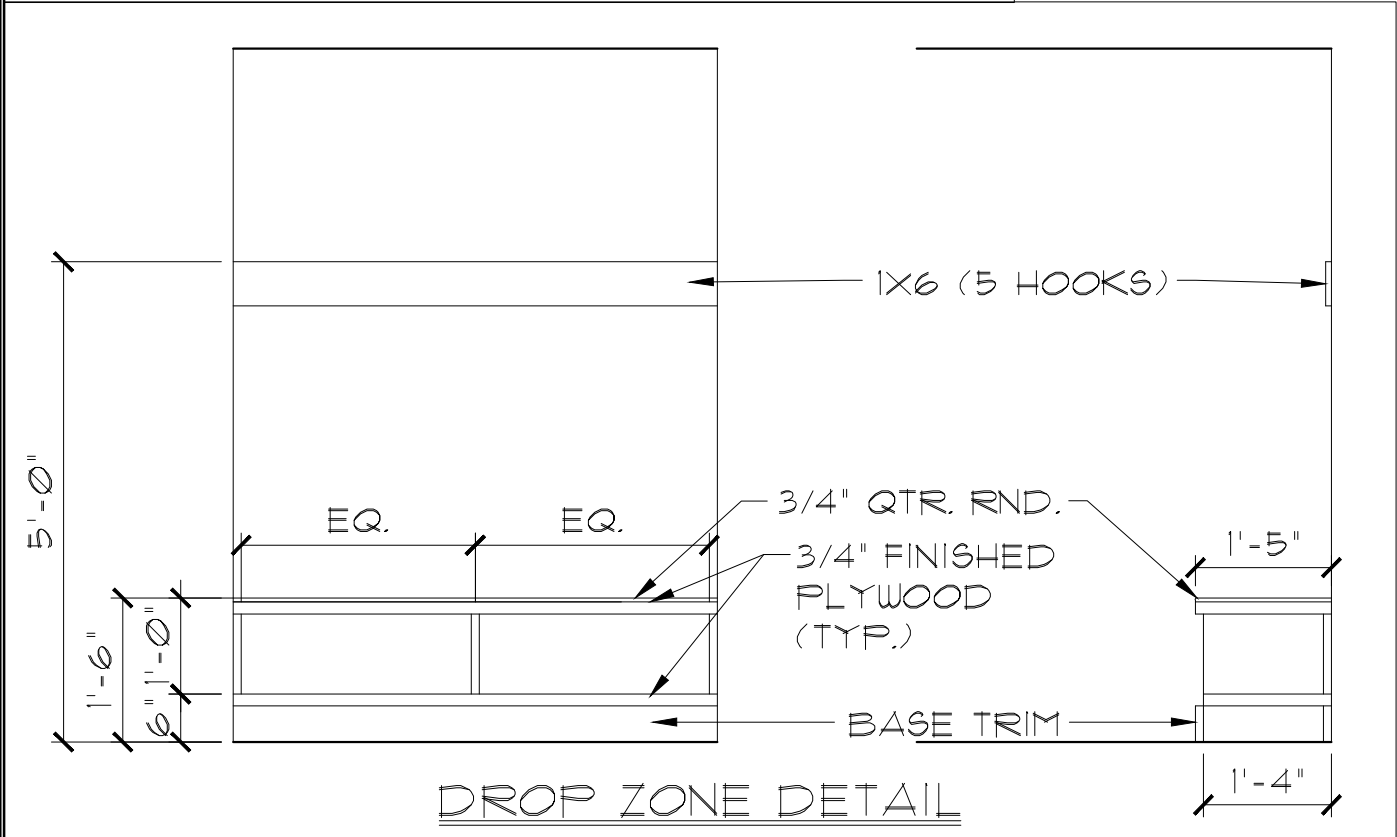
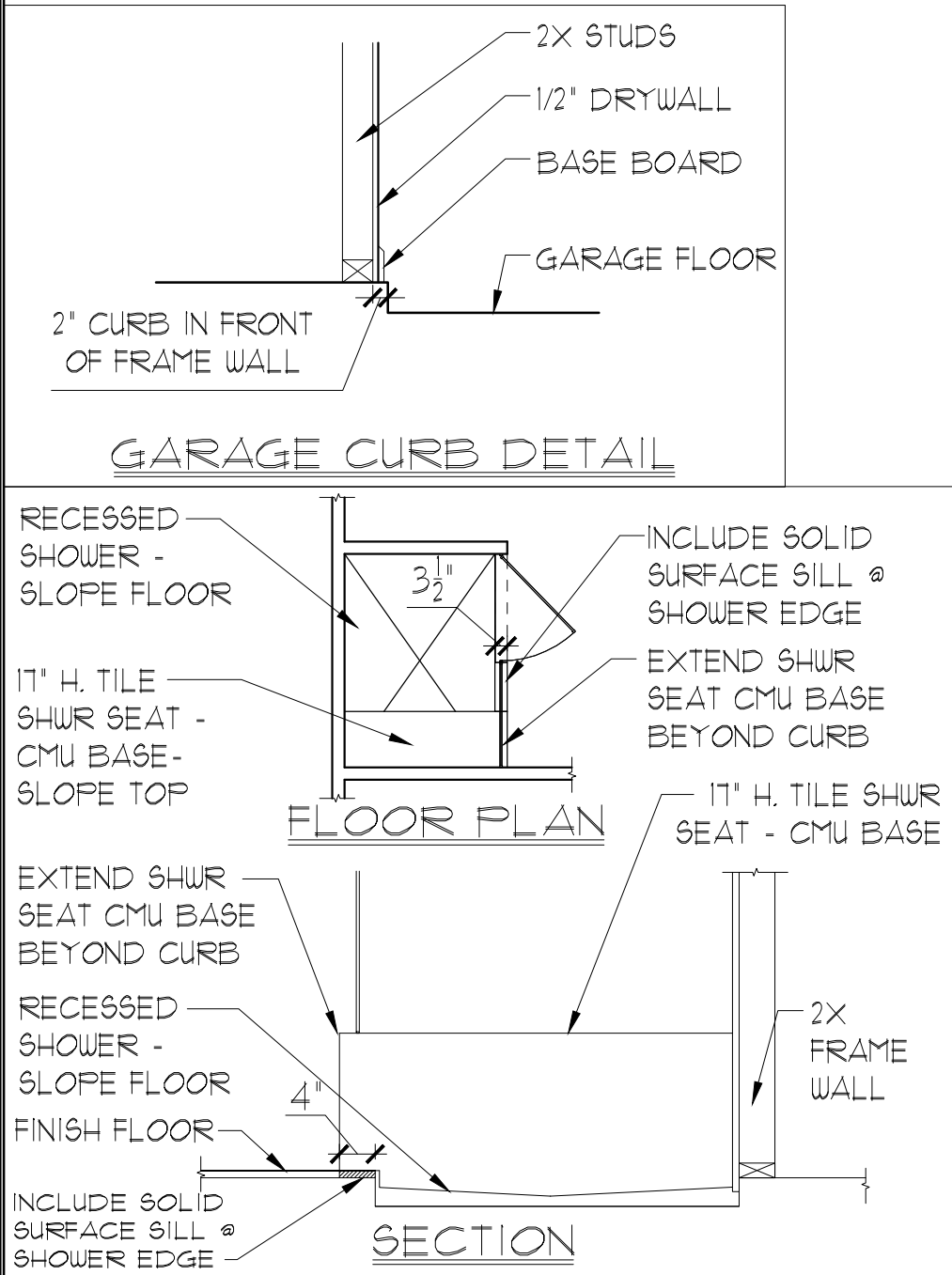
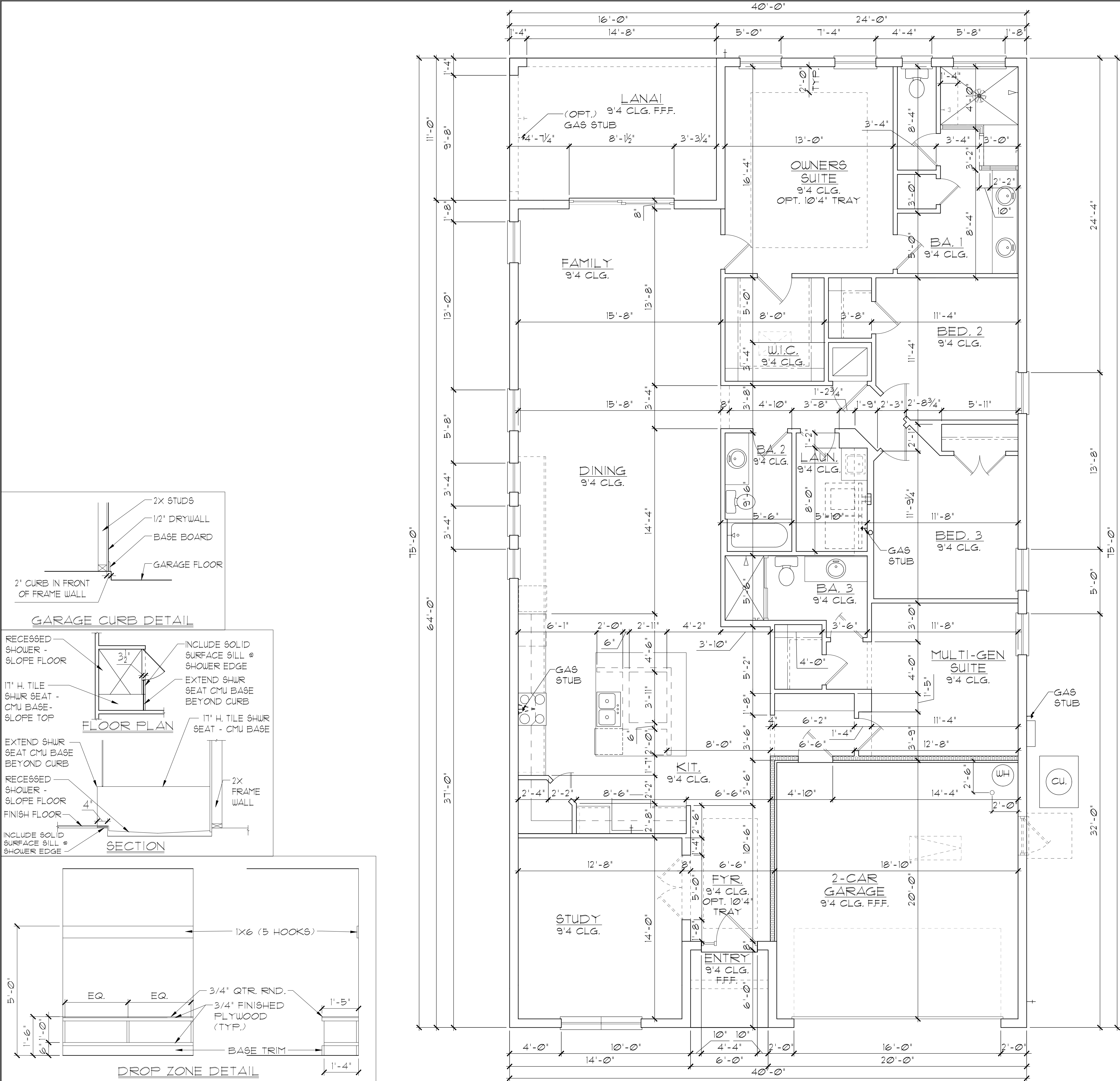
FLOOR PLAN W/ NOTES

2385 HAMPTON II

FLORIDA SERIES

REVISIONS	
DELTA #	DATE

DATE: 07-23-24
SCALE: AS NOTED
DRAWN: MR
SHEET: 02.4



GENERAL NOTES

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7. PULL ALL DIMENSIONS FROM THE REAR OF THE PLAN

8. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFO.

WALL LEGEND

DENOTES CONC. BLOCK WALL HGT. @ 9'-4" AFF.

DENOTES CONC. BLOCK WALL HGT. @ 10'-0" AFF.

DENOTES CONC. BLOCK WALL HGT. @ 12'-0" AFF.

DENOTES 2x INSULATED FRAME WALL

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

AREA CALCULATIONS	
TOTAL LIVING-----	2,384 SF.
GARAGE-----	607 SF.
ENTRY-----	18 SF.
LANAI-----	176 SF.
TOTAL UNDER ROOF	3,185 SF.

ELEVATION A

W/ IN-LAW SUITE

FLOOR PLAN W/ DIMENSIONS

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

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LOT: 0000, COMMUNITY

FLOOR PLAN

2385 HAMPTON II

FLORIDA SERIES

W/ DIMENSIONS

REVISIONS

DELTA #	DATE

DATE: 07-23-24

SCALE: AS NOTED

DRAWN: MR

SHEET: 02.5

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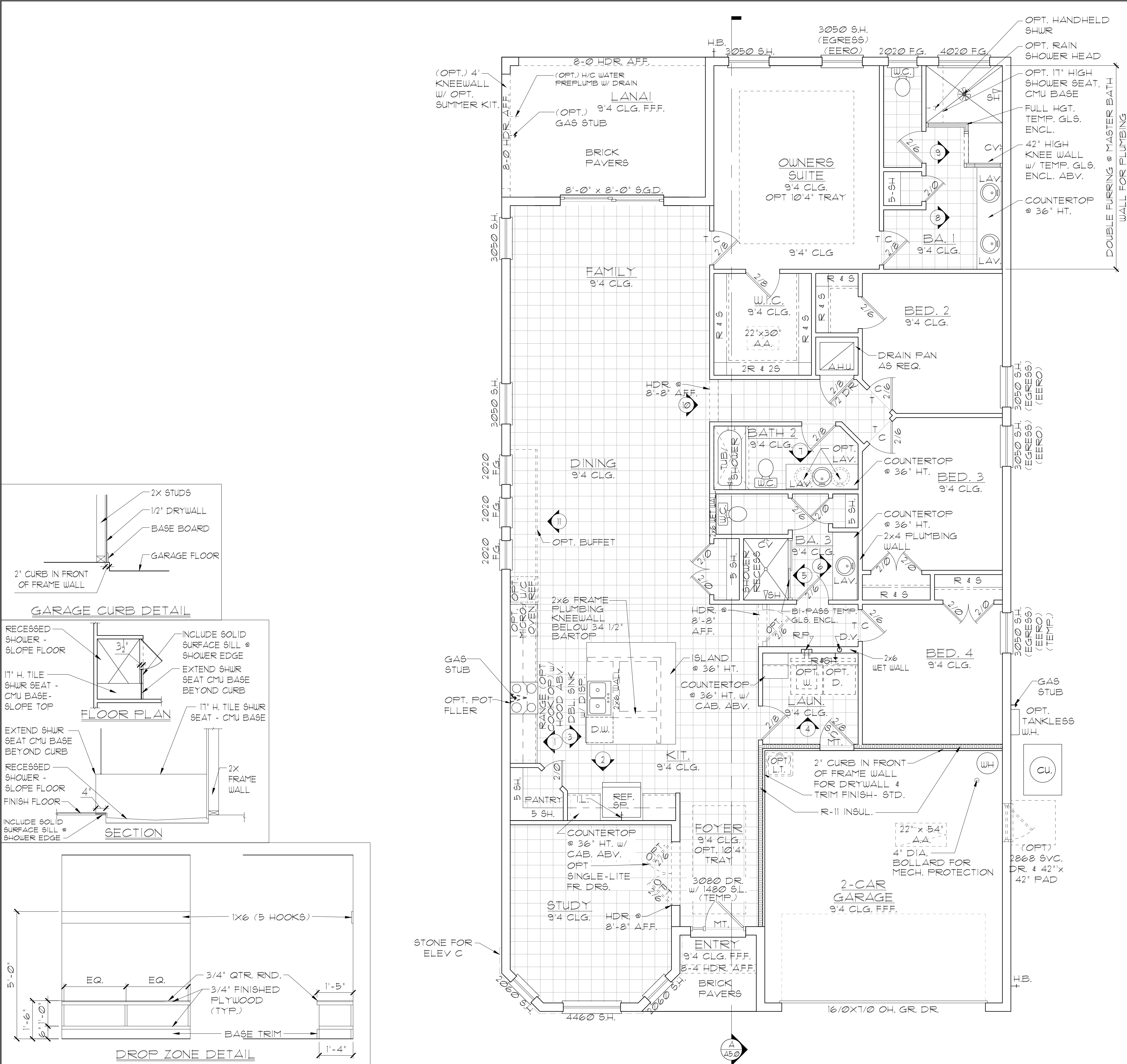
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GENERAL NOTES

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4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 1'-5/8" UNLESS NOTED OTHERWISE.

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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 R102.5.5

7. PULL ALL DIMENSIONS FROM THE REAR OF THE PLAN

8. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFO.

WALL LEGEND

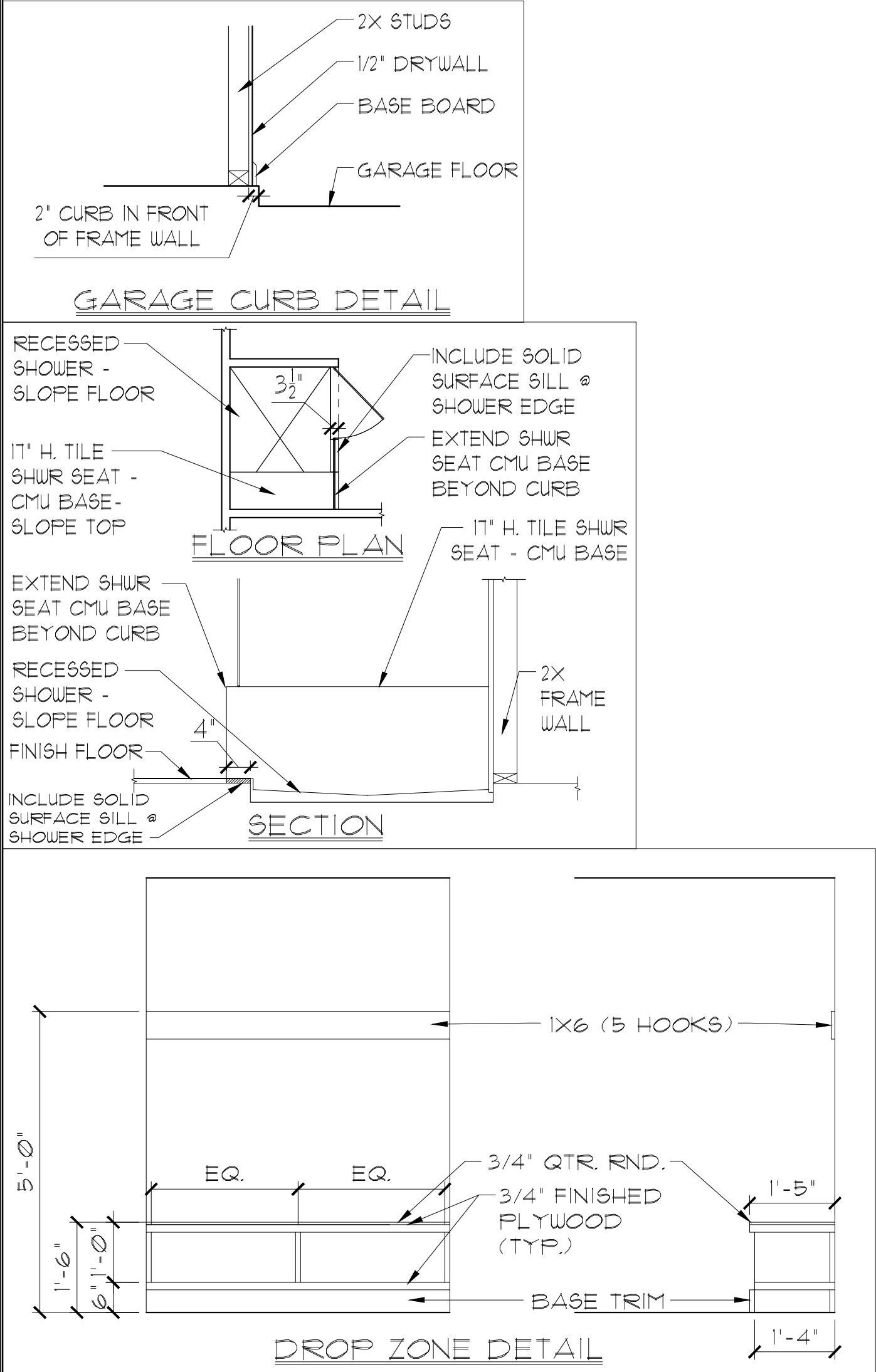
DENOTES CONC. BLOCK WALL HGT. @ 9'-4" AFF.

DENOTES CONC. BLOCK WALL HGT. @ 10'-0" AFF.

DENOTES CONC. BLOCK WALL HGT. @ 12'-0" AFF.

DENOTES 2x INSULATED FRAME WALL

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



AREA CALCULATIONS	
TOTAL LIVING	2,316 SF.
GARAGE	404 SF.
ENTRY	18 SF.
LANAI	176 SF.
TOTAL UNDER ROOF	2,914 SF.

ELEVATION B & C STD

FLOOR PLAN W/ NOTES

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

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FLOOR PLAN W/ NOTES

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

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DATE: 07-23-24

SCALE: AS NOTED

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SHEET: 02.0

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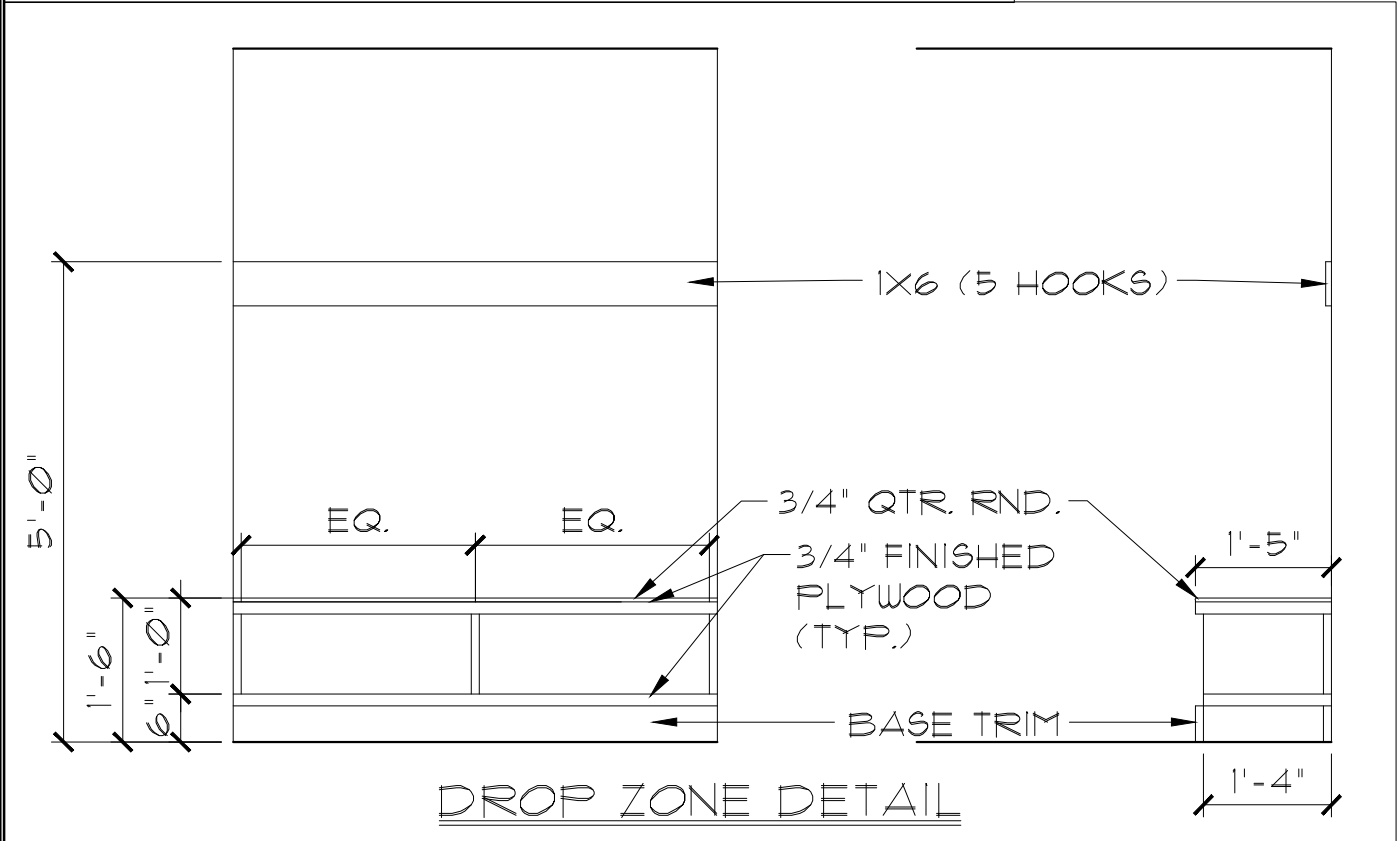
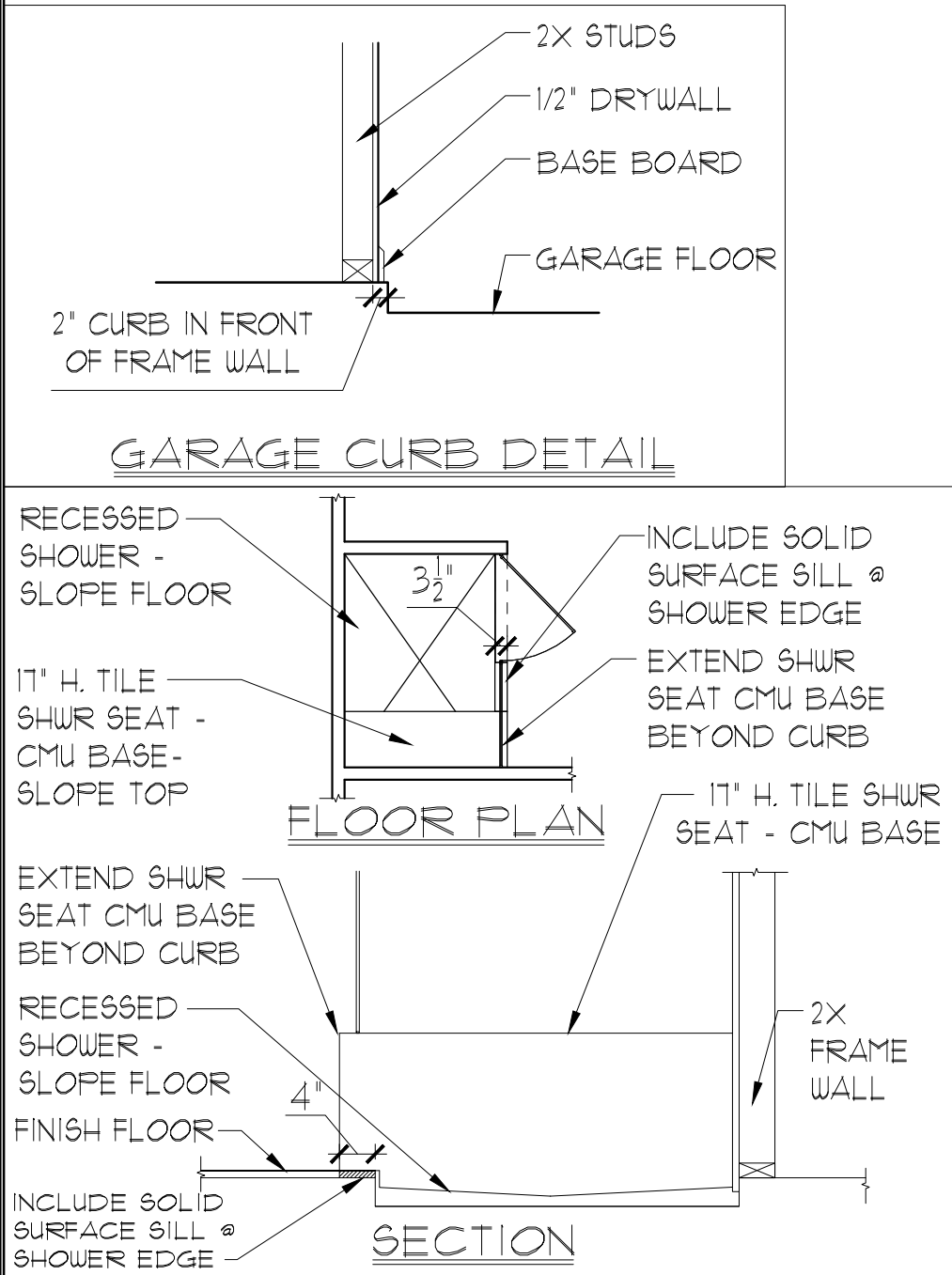
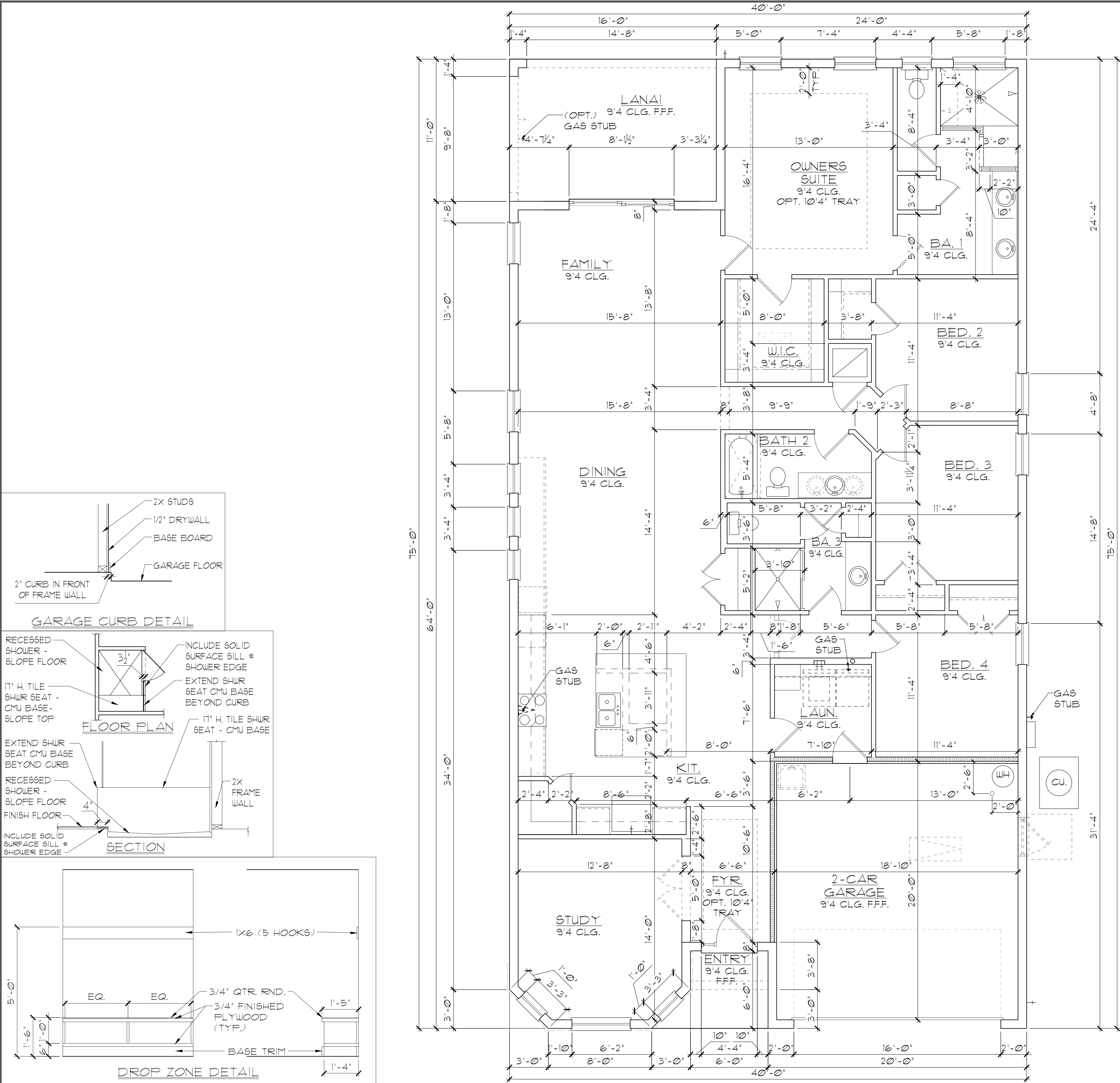
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Phone: (407) 529 - 3000

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GENERAL NOTES

1.

CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.

2.

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3.

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

4.

ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 1'-5/8" UNLESS NOTED OTHERWISE.

5.

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7.

PULL ALL DIMENSIONS FROM THE REAR OF THE PLAN

8.

SEE GENERAL NOTES PAGE FOR ADDITIONAL INFO.

WALL LEGEND

DENOTES CONC. BLOCK WALL HGT. @ 9'-4" AFF.

DENOTES CONC. BLOCK WALL HGT. @ 10'-0" AFF.

DENOTES CONC. BLOCK WALL HGT. @ 12'-0" AFF.

DENOTES 2x INSULATED FRAME WALL

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

AREA CALCULATIONS	
TOTAL LIVING-----	2,376 SF.
GARAGE-----	404 SF.
ENTRY-----	18 SF.
LANAI-----	176 SF.
TOTAL UNDER ROOF-----	2,974 SF.

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

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FLOOR PLAN

2385 HAMPTON II

FLORIDA SERIES

W/ DIMENSIONS

REVISIONS

DELTA #	DATE

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DRAWN: MR

SHEET: 02.1

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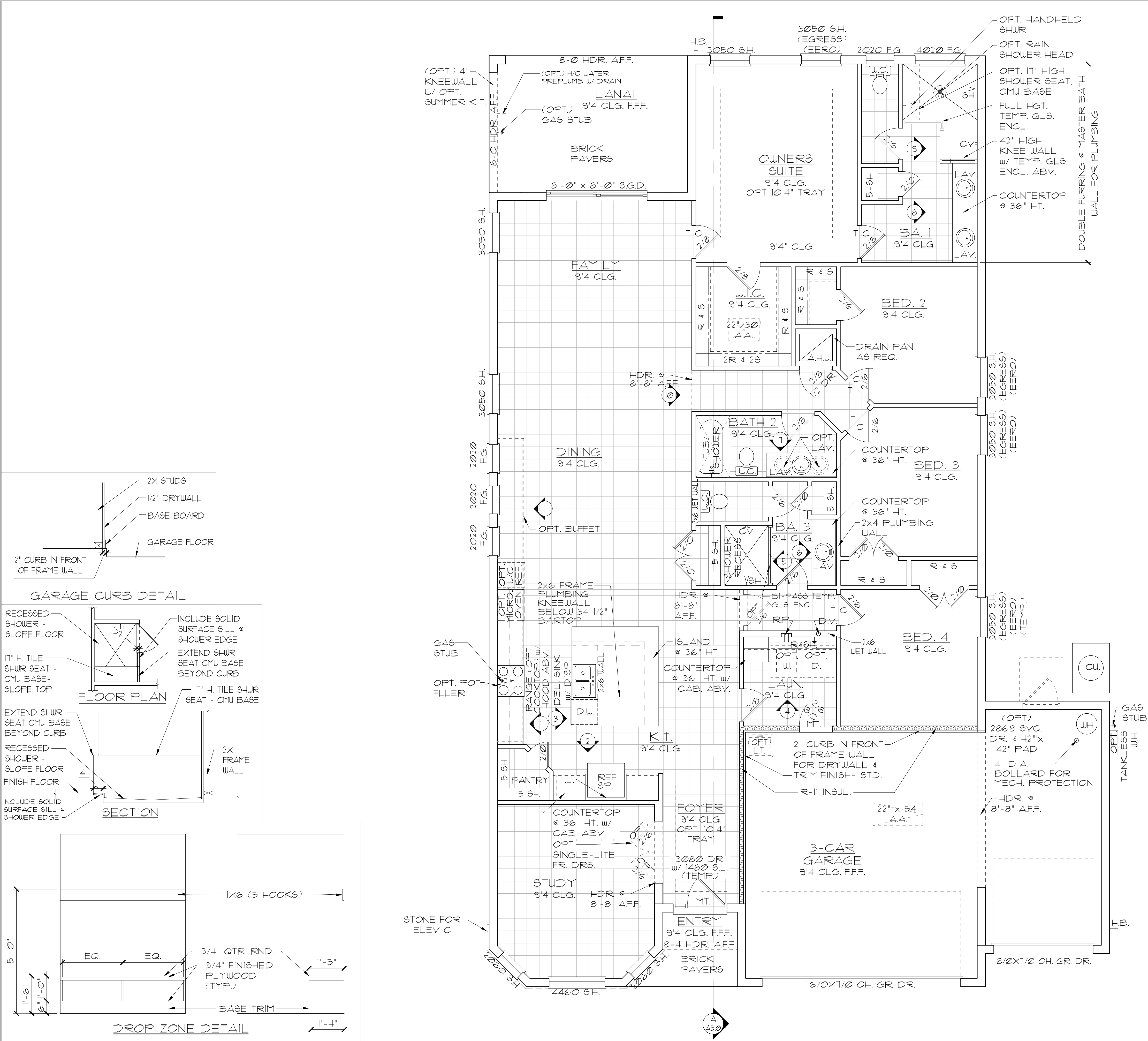
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GENERAL NOTES

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- PULL ALL DIMENSIONS FROM THE REAR OF THE PLAN
- SEE GENERAL NOTES PAGE FOR ADDITIONAL INFO.

WALL LEGEND

[Symbol]	DENOTES CONC. BLOCK WALL HGT. @ 9'-4" AFF.
[Symbol]	DENOTES CONC. BLOCK WALL HGT. @ 10'-0" AFF.
[Symbol]	DENOTES CONC. BLOCK WALL HGT. @ 12'-0" AFF.
[Symbol]	DENOTES 2x INSULATED FRAME WALL

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

AREA CALCULATIONS	
TOTAL LIVING	2,376 SF.
GARAGE	607 SF.
ENTRY	18 SF.
LANAI	176 SF.
TOTAL UNDER ROOF	3,177 SF.

ELEVATION B & C
W/ 3-CAR GARAGE
FLOOR PLAN W/ NOTES
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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LOT: 0000, COMMUNITY

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA #	DATE

DATE: 07-23-24

SCALE: AS NOTED

DRAWN: M/R

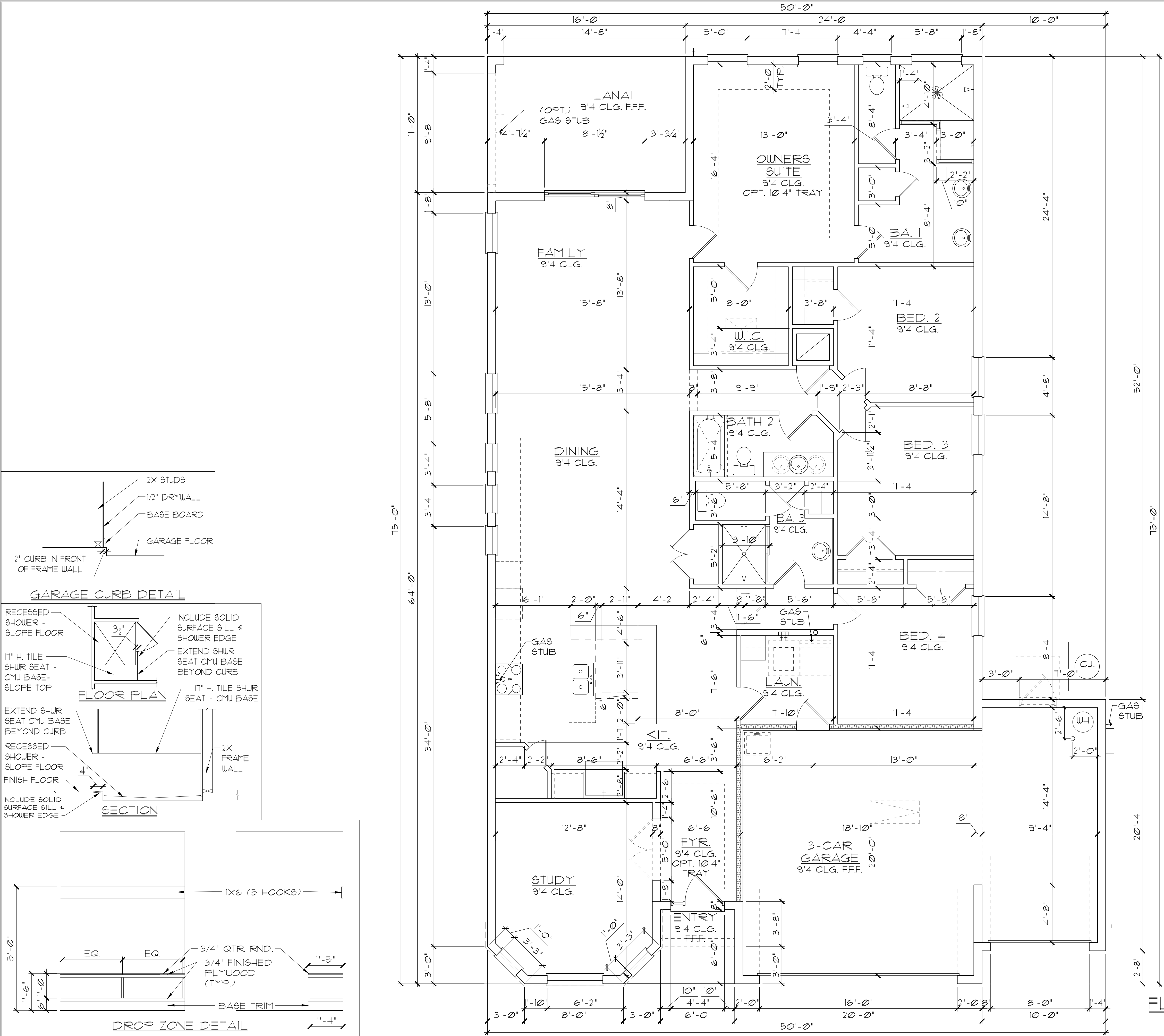
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Park Square HOMES



GENERAL NOTES

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7. PULL ALL DIMENSIONS FROM THE REAR OF THE PLAN

8. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFO.

WALL LEGEND

DENOTES CONC. BLOCK WALL HGT. @ 9'-4" AFF.

DENOTES CONC. BLOCK WALL HGT. @ 10'-0" AFF.

DENOTES CONC. BLOCK WALL HGT. @ 12'-0" AFF.

DENOTES 2x INSULATED FRAME WALL

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

AREA CALCULATIONS

TOTAL LIVING	2,376 SF.
GARAGE	607 SF.
ENTRY	18 SF.
LANAI	176 SF.
TOTAL UNDER ROOF	3,177 SF.

ELEVATION B & C
W/ 3-CAR GARAGE

FLOOR PLAN W/ DIMENSIONS

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

LOT: 0000, COMMUNITY

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FLOOR PLAN
2385 HAMPTON II
FLORIDA SERIES

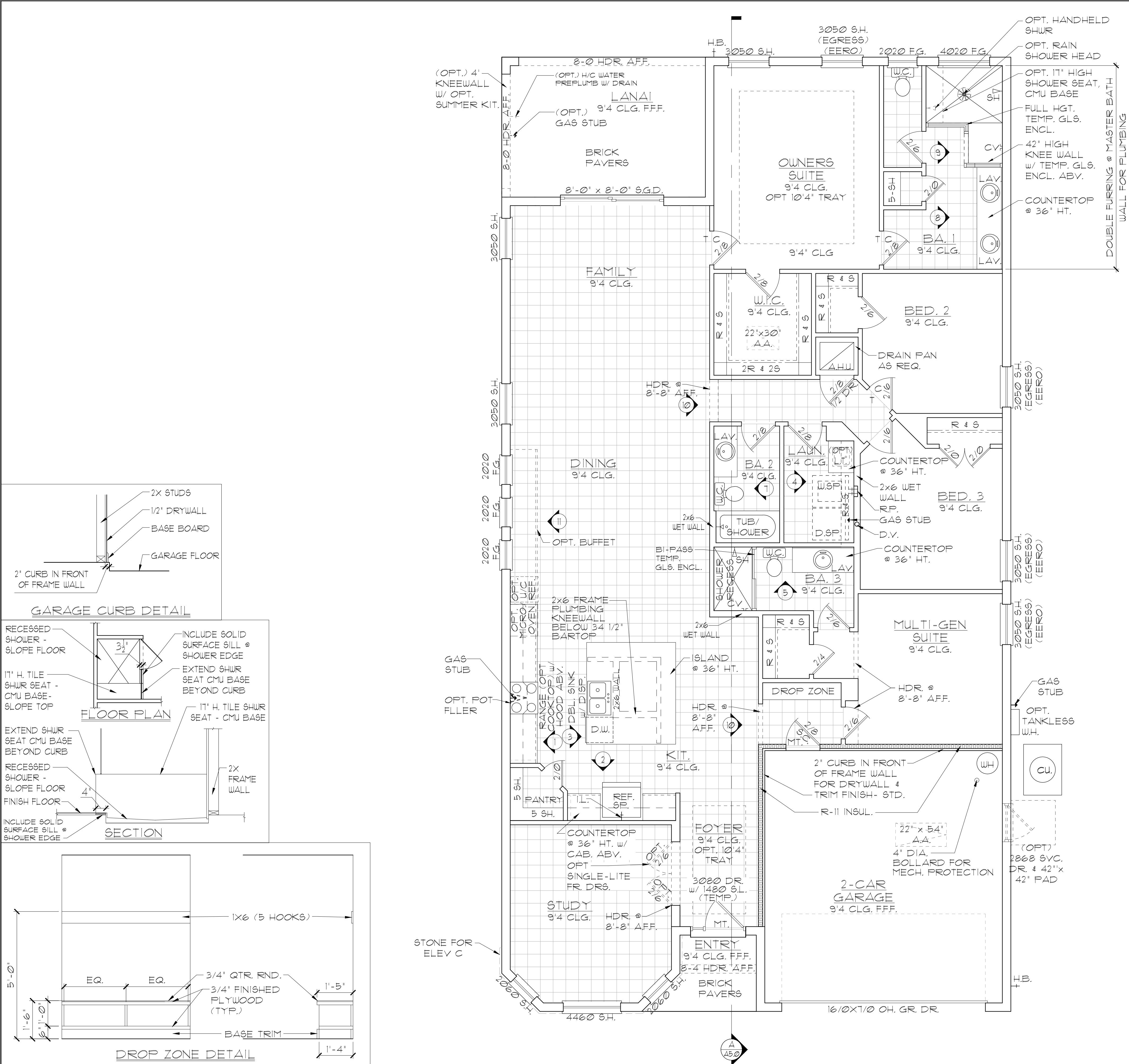
W/ DIMENSIONS

REVISIONS

DELTA #	DATE

DATE: 07-23-24
SCALE: AS NOTED
DRAIN: MR
SHEET: 02.3

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WALL LEGEND

[Symbol]	DENOTES CONC. BLOCK WALL HGT. @ 9'-4" AFF.
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[Symbol]	DENOTES 2x INSULATED FRAME WALL

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

AREA CALCULATIONS

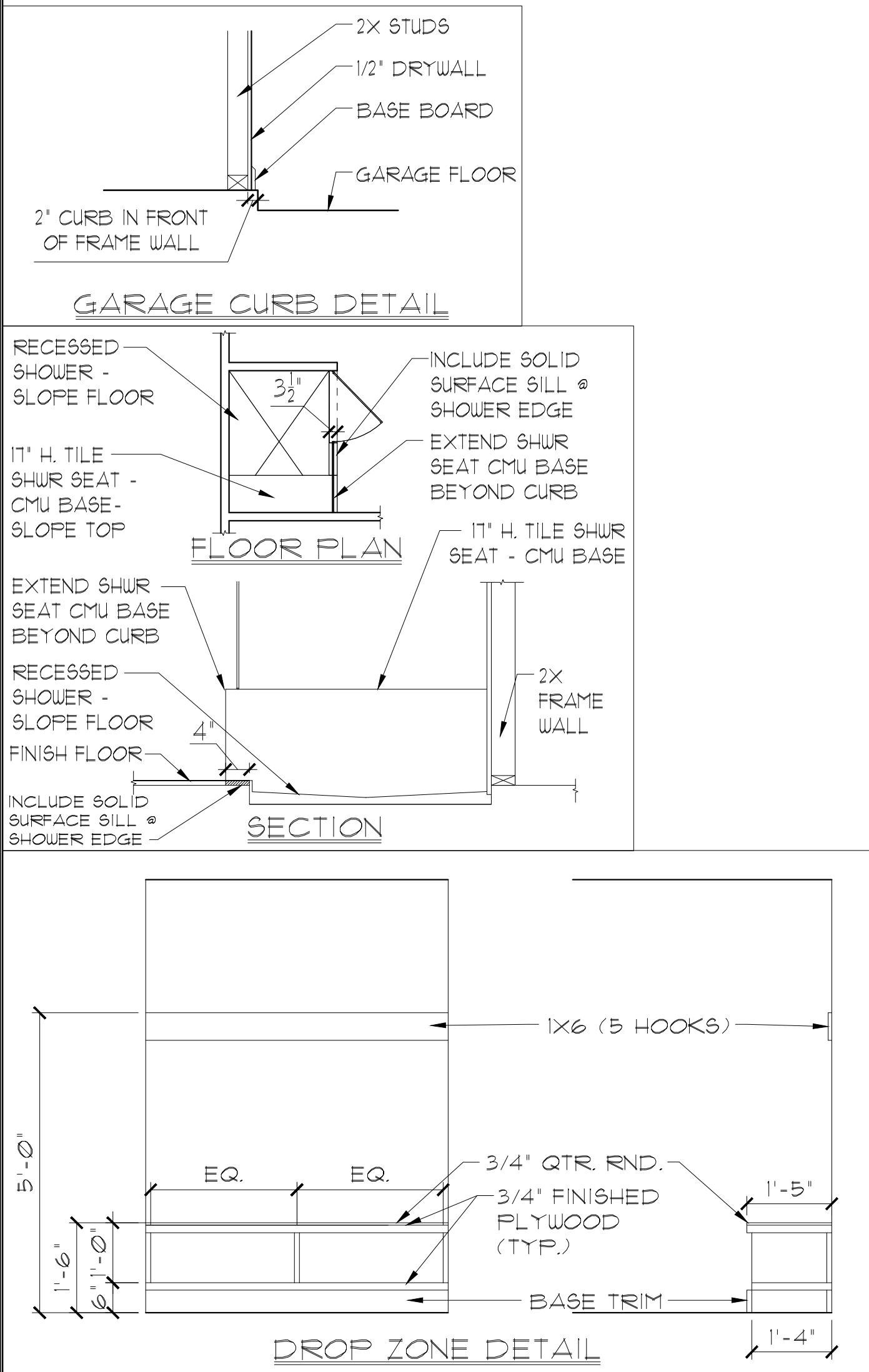
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TOTAL UNDER ROOF	3,177 SF.

ELEVATION B & C

W/ IN-LAW SUITE

FLOOR PLAN W/ NOTES

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



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

FLOOR PLAN W/ NOTES

2385 HAMPTON II

FLORIDA SERIES

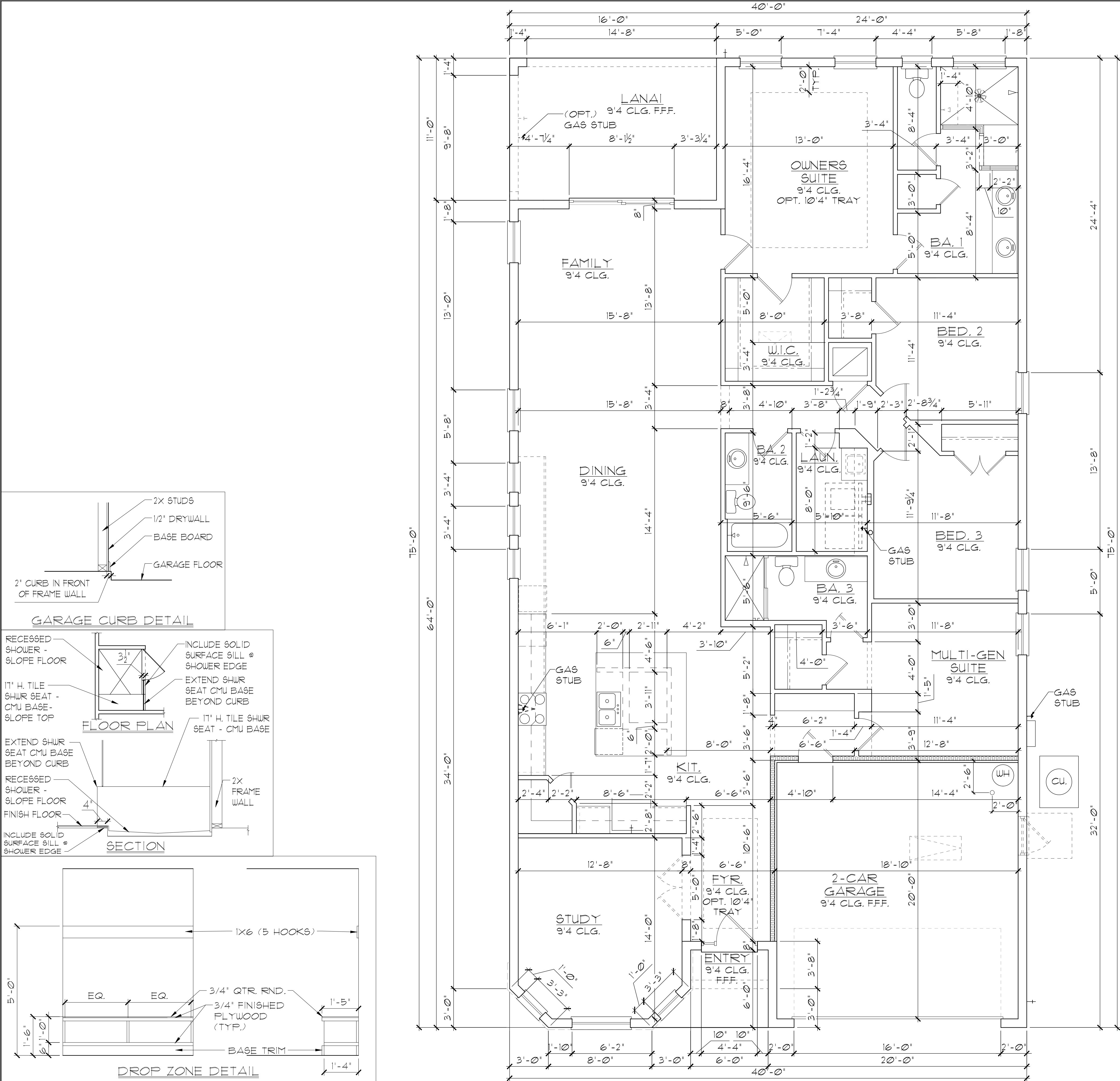
REVISIONS	
DELTA #	DATE

DATE: 07-23-24

SCALE: AS NOTED

DRAWN: MR

SHEET: 02.4



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 1'-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 [AW R302.5.]

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 R102.5.5

7. PULL ALL DIMENSIONS FROM THE REAR OF THE PLAN

8. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFO.

WALL LEGEND

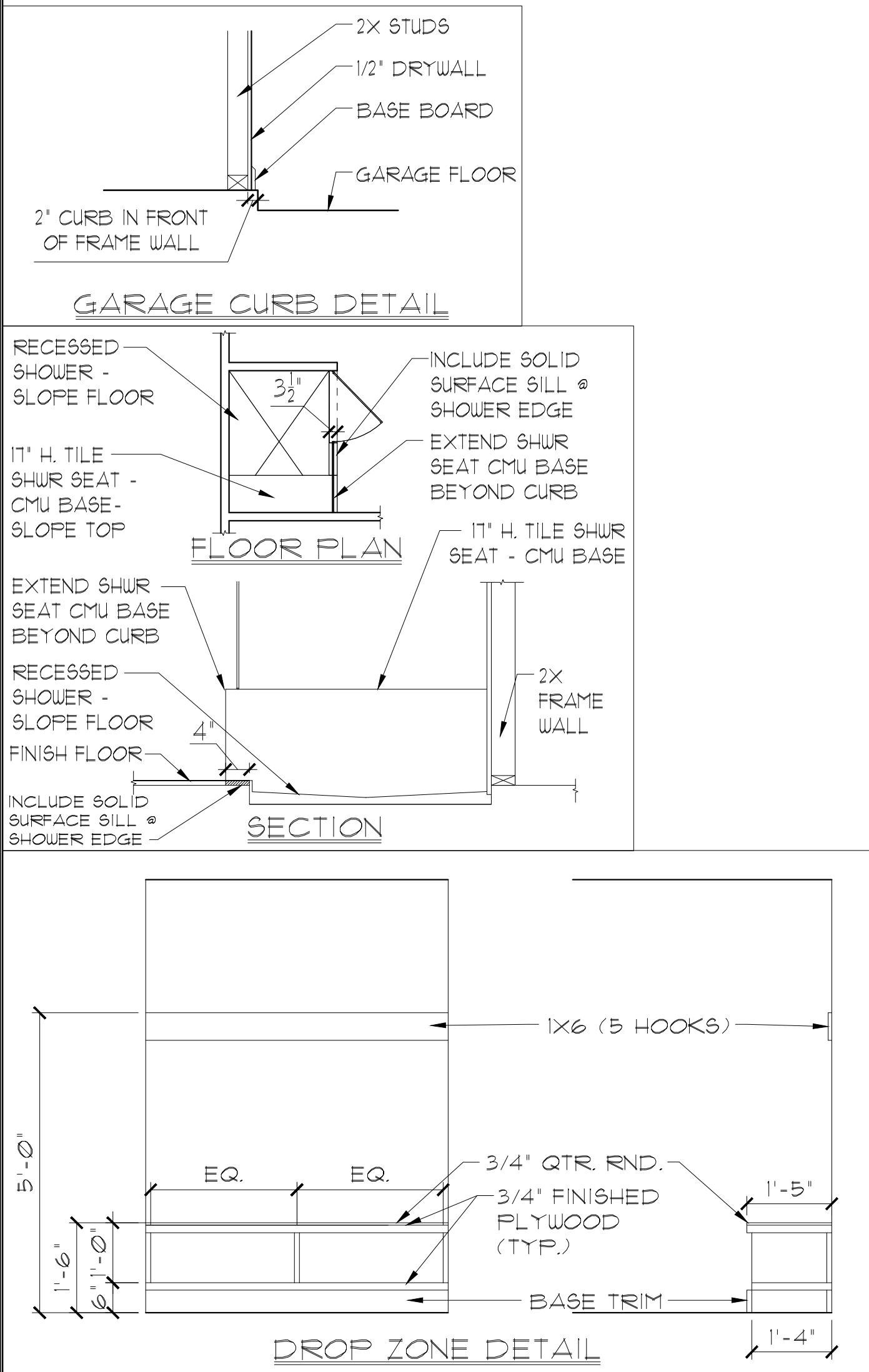
DENOTES CONC. BLOCK WALL HGT. @ 9'-4" AFF.

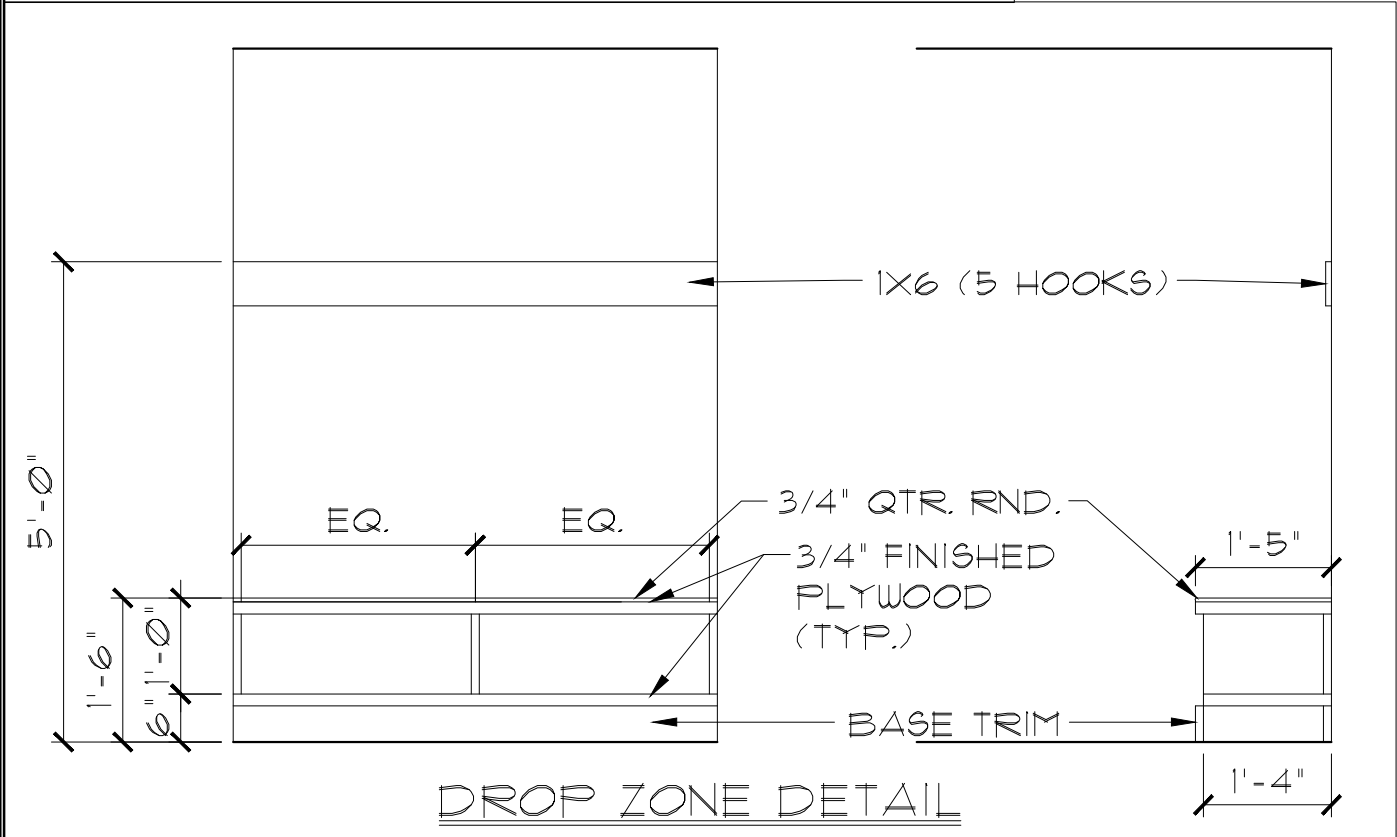
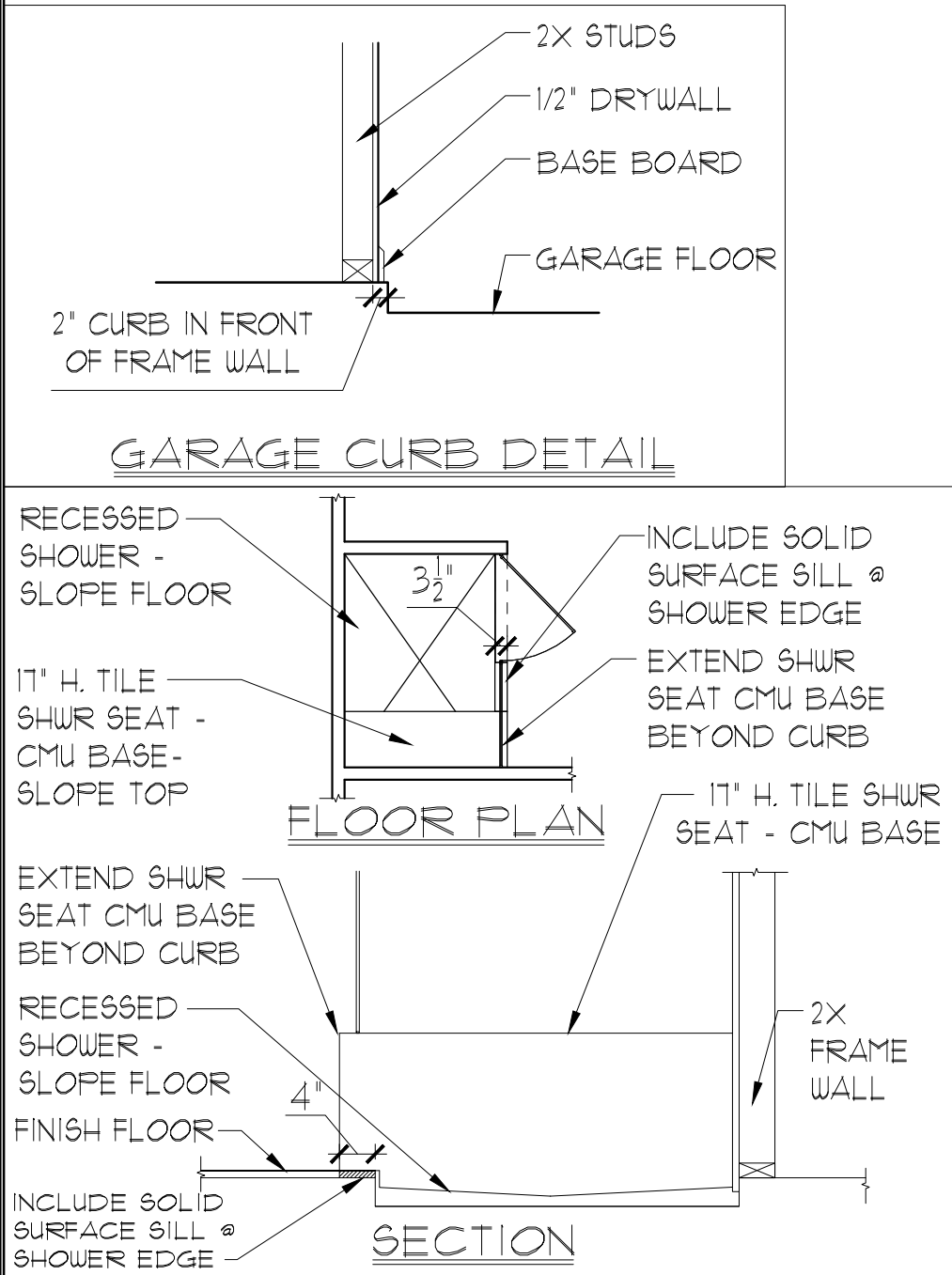
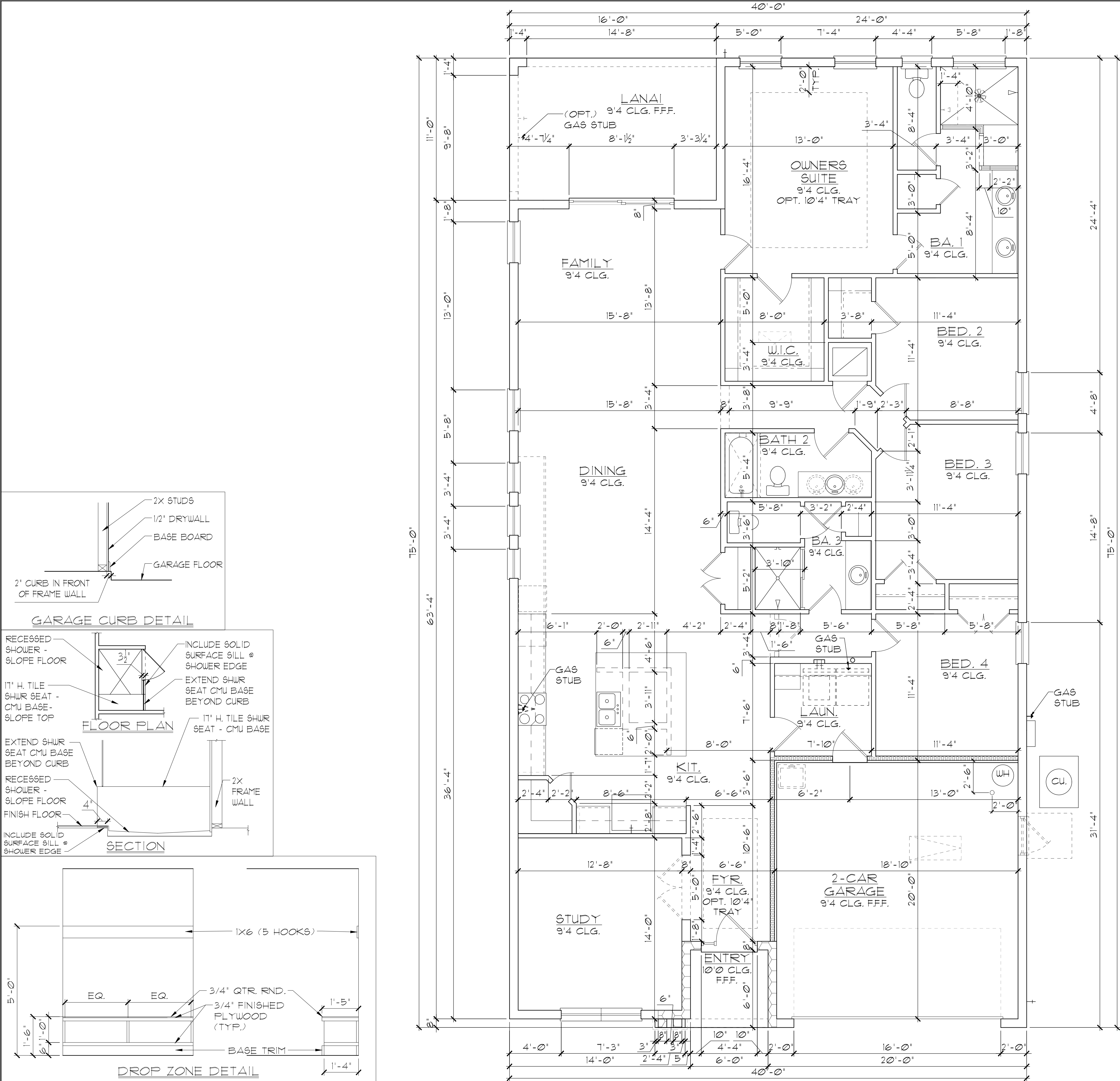
DENOTES CONC. BLOCK WALL HGT. @ 10'-0" AFF.

DENOTES CONC. BLOCK WALL HGT. @ 12'-0" AFF.

DENOTES 2x INSULATED FRAME WALL

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





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

AREA CALCULATIONS	
TOTAL LIVING	2,375 SF.
GARAGE	404 SF.
ENTRY	38 SF.
LANAI	176 SF.
TOTAL UNDER ROOF	2,993 SF.

ELEVATION D STD

FLOOR PLAN W/ DIMENSIONS

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

LOT: 0000, COMMUNITY

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REVISIONS

DELTA #	DATE

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SCALE: AS NOTED

DRAWN: MR

SHEET: 02.1

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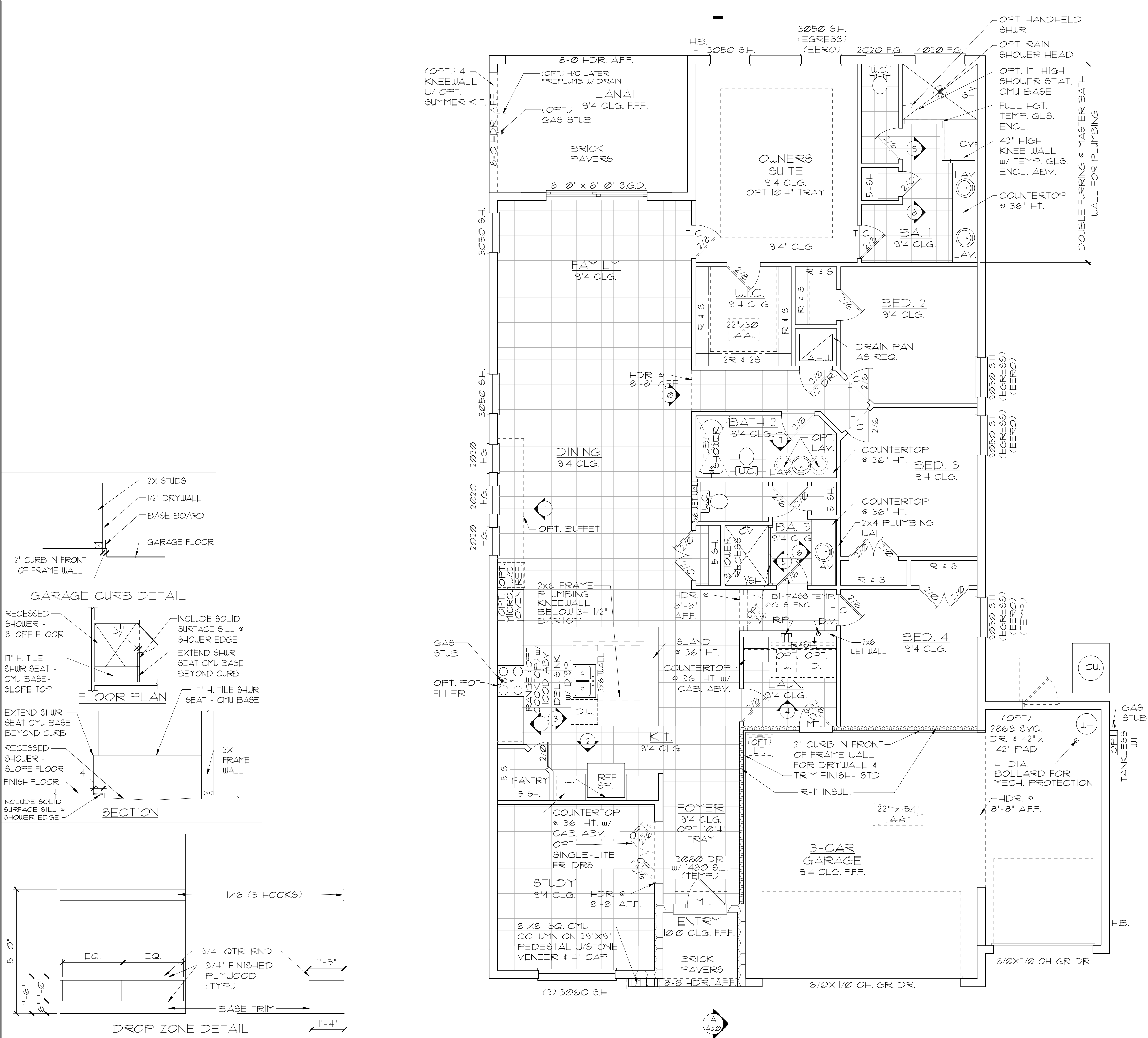
Phone: (407) 629 - 3000

FLOOR PLAN

2385 HAMPTON II

FLORIDA SERIES

W/ DIMENSIONS



GENERAL NOTES

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WALL LEGEND

[Symbol]	DENOTES CONC. BLOCK WALL HGT. @ 9'-4" AFF.
[Symbol]	DENOTES CONC. BLOCK WALL HGT. @ 10'-0" AFF.
[Symbol]	DENOTES CONC. BLOCK WALL HGT. @ 12'-0" AFF.
[Symbol]	DENOTES 2x INSULATED FRAME WALL

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

AREA CALCULATIONS

TOTAL LIVING	2,375 SF.
GARAGE	607 SF.
ENTRY	38 SF.
LANAI	176 SF.
TOTAL UNDER ROOF	3,196 SF.

ELEVATION D W/ 3-CAR GARAGE FLOOR PLAN W/ NOTES

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

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2385 HAMPTON II

FLORIDA SERIES

REVISIONS

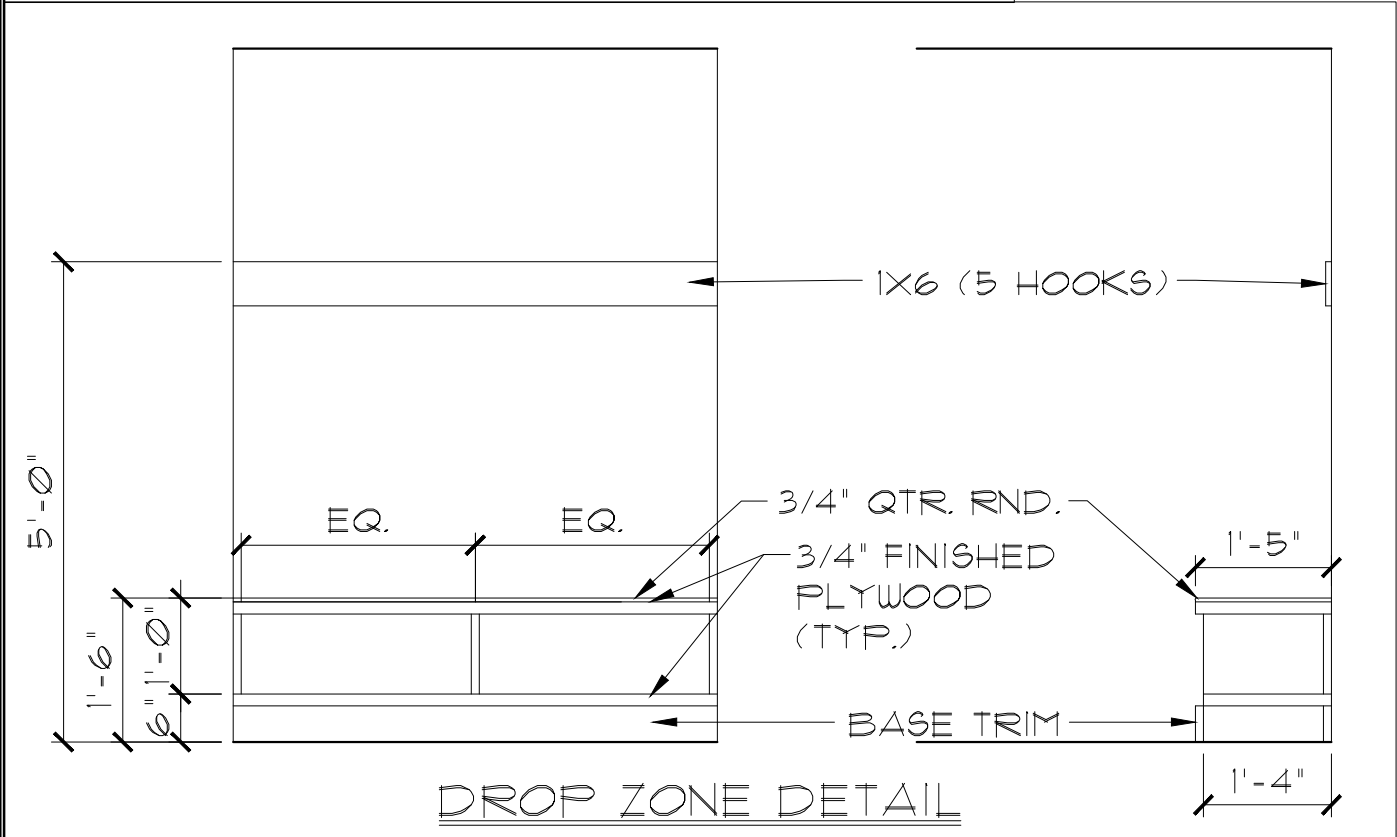
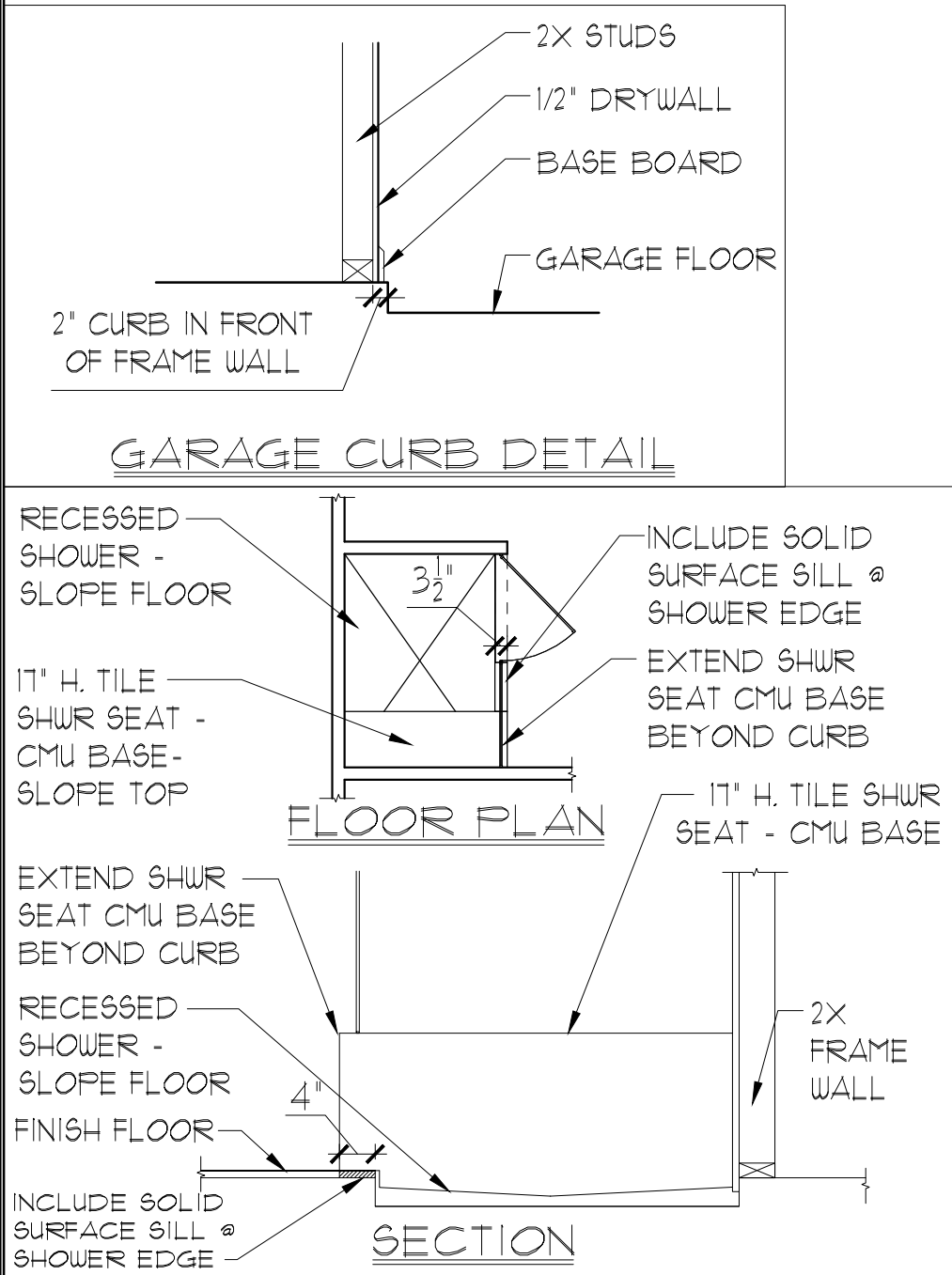
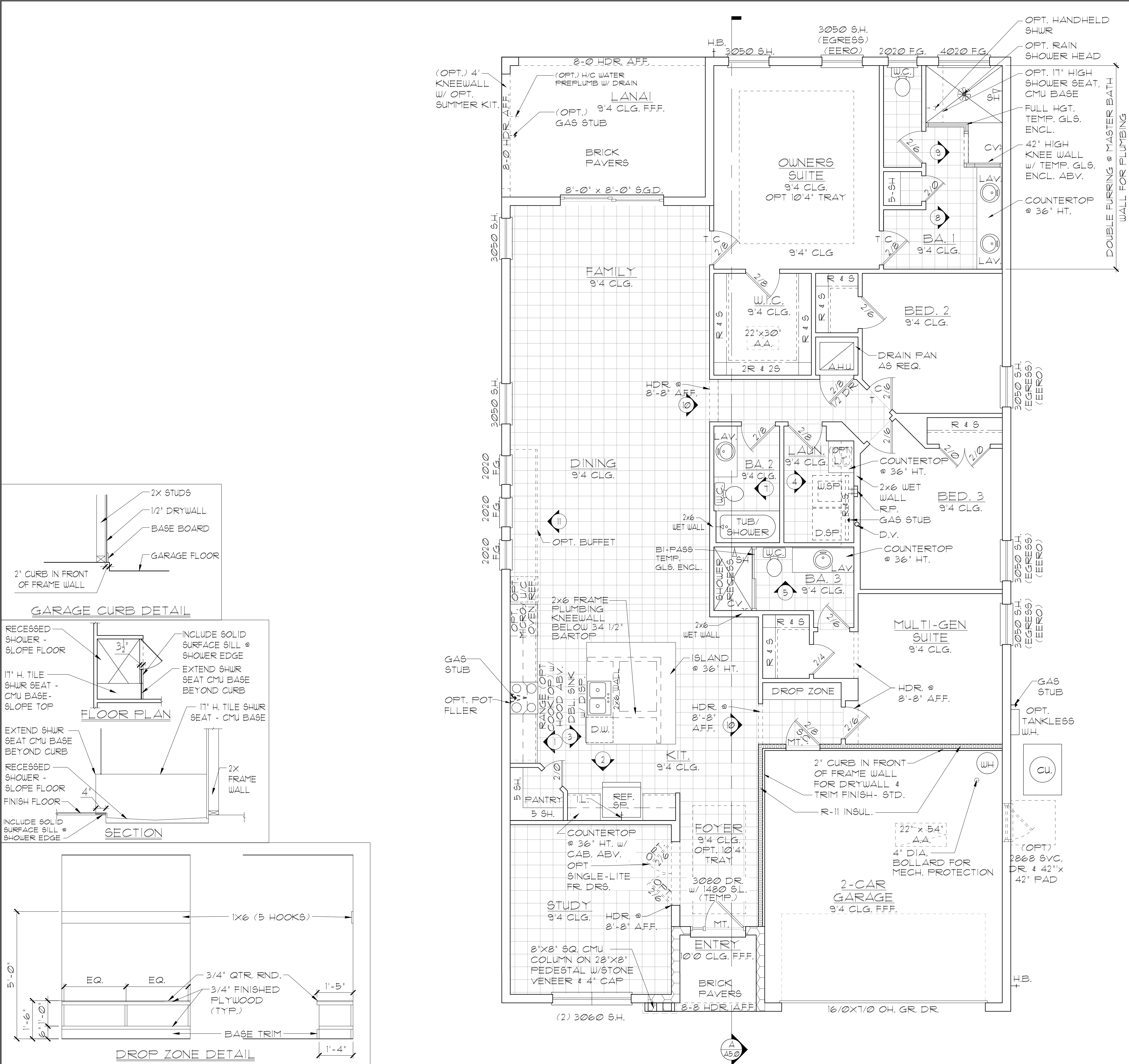
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IN-LAW SUITE
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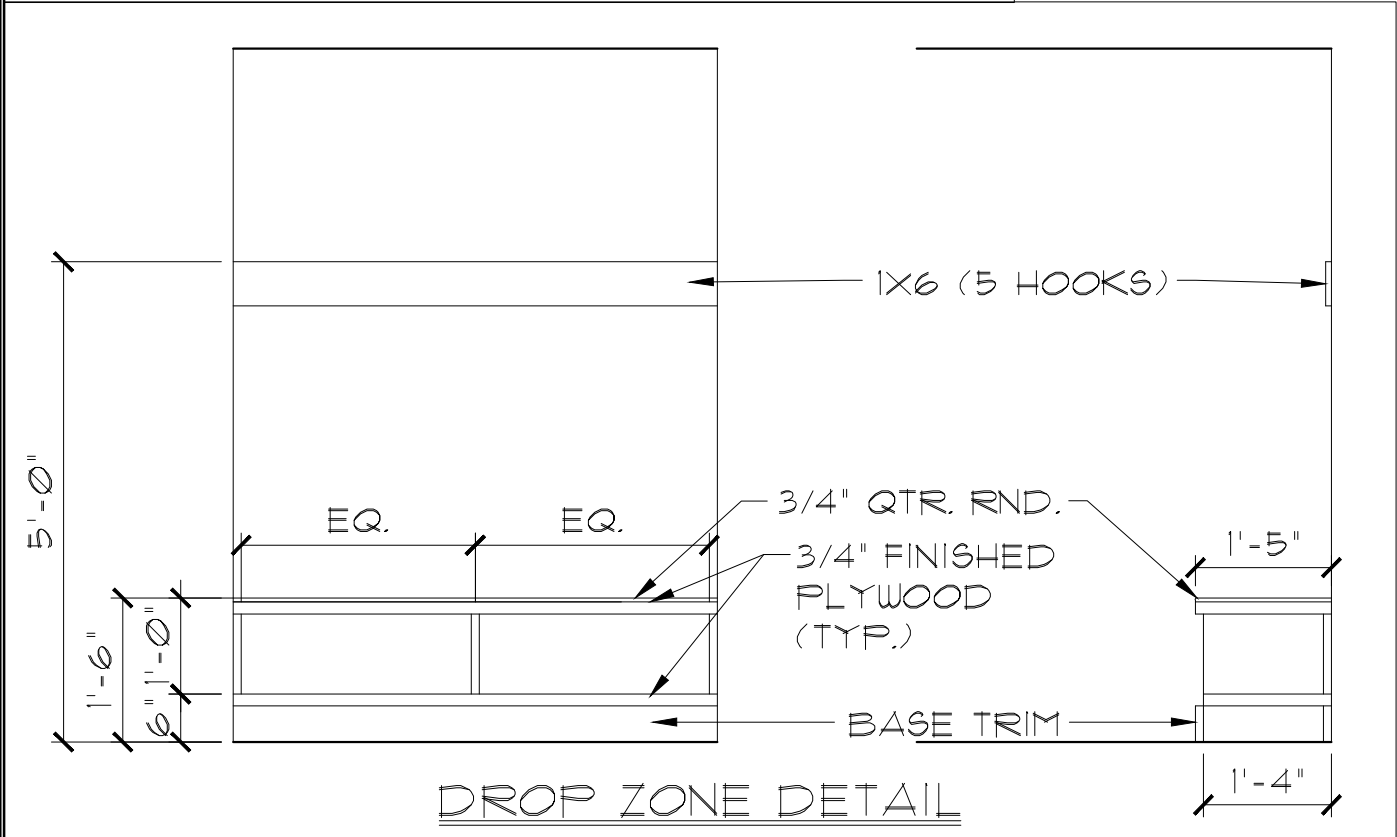
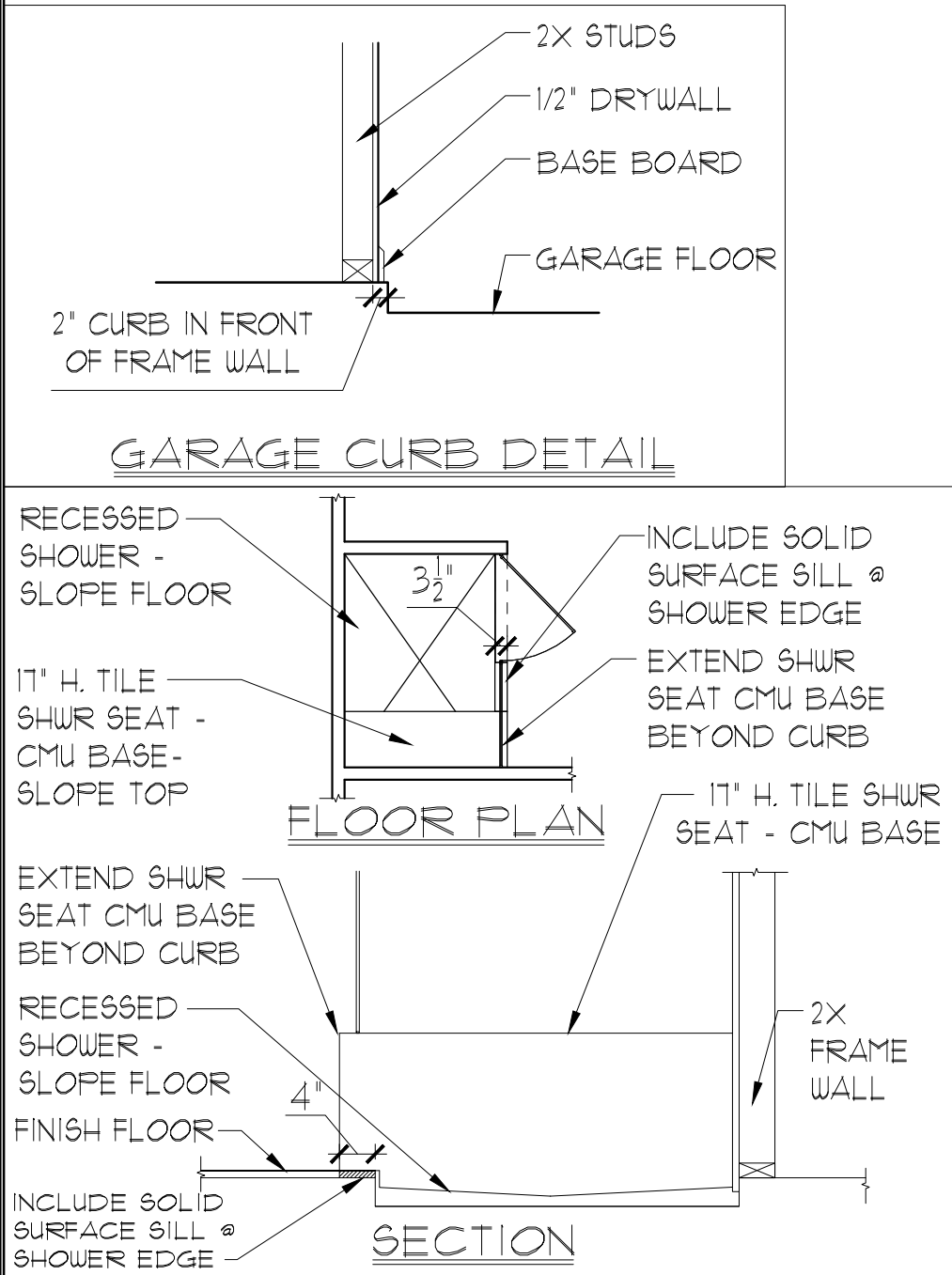
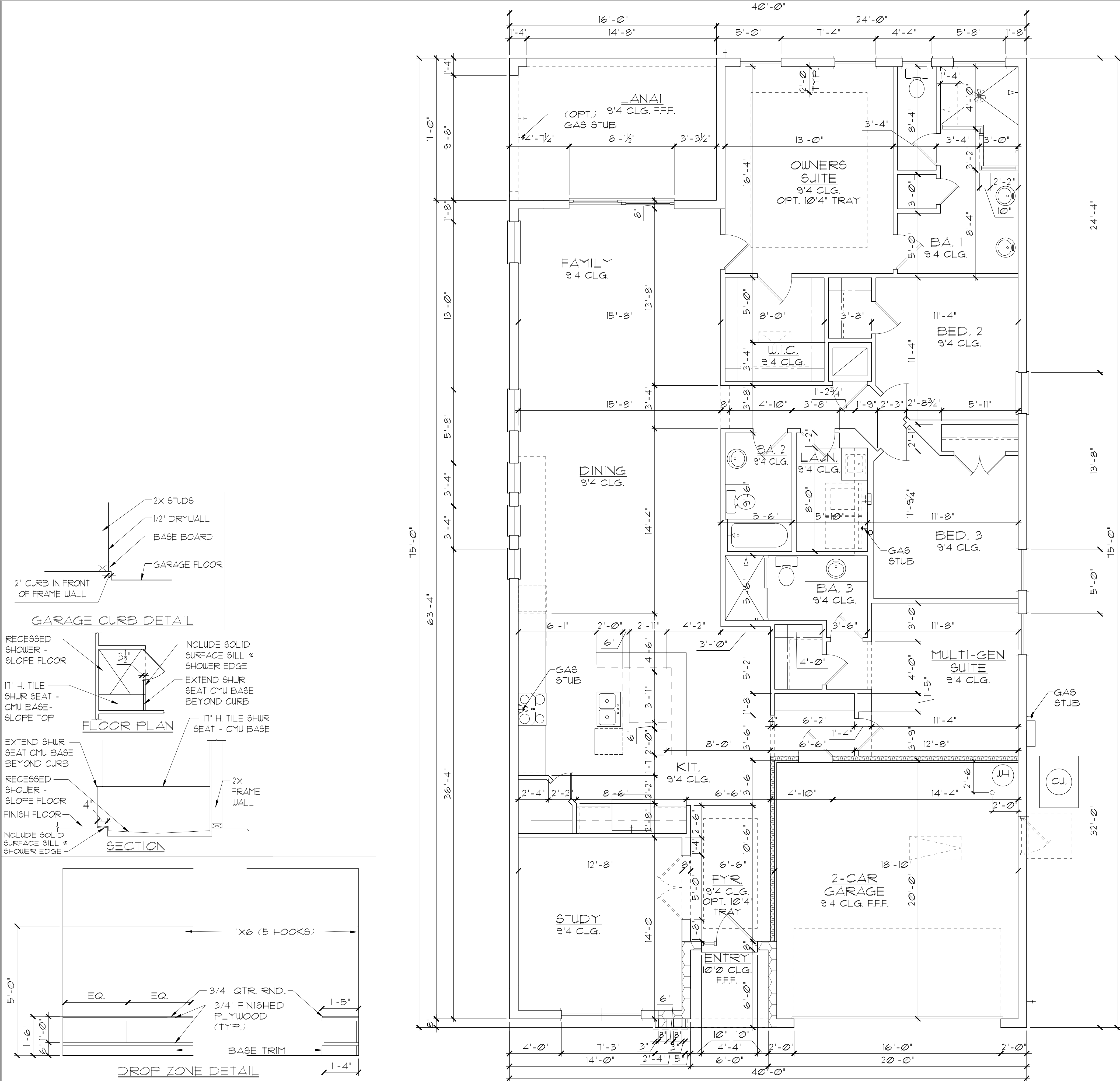
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FLOOR PLAN W/ NOTES

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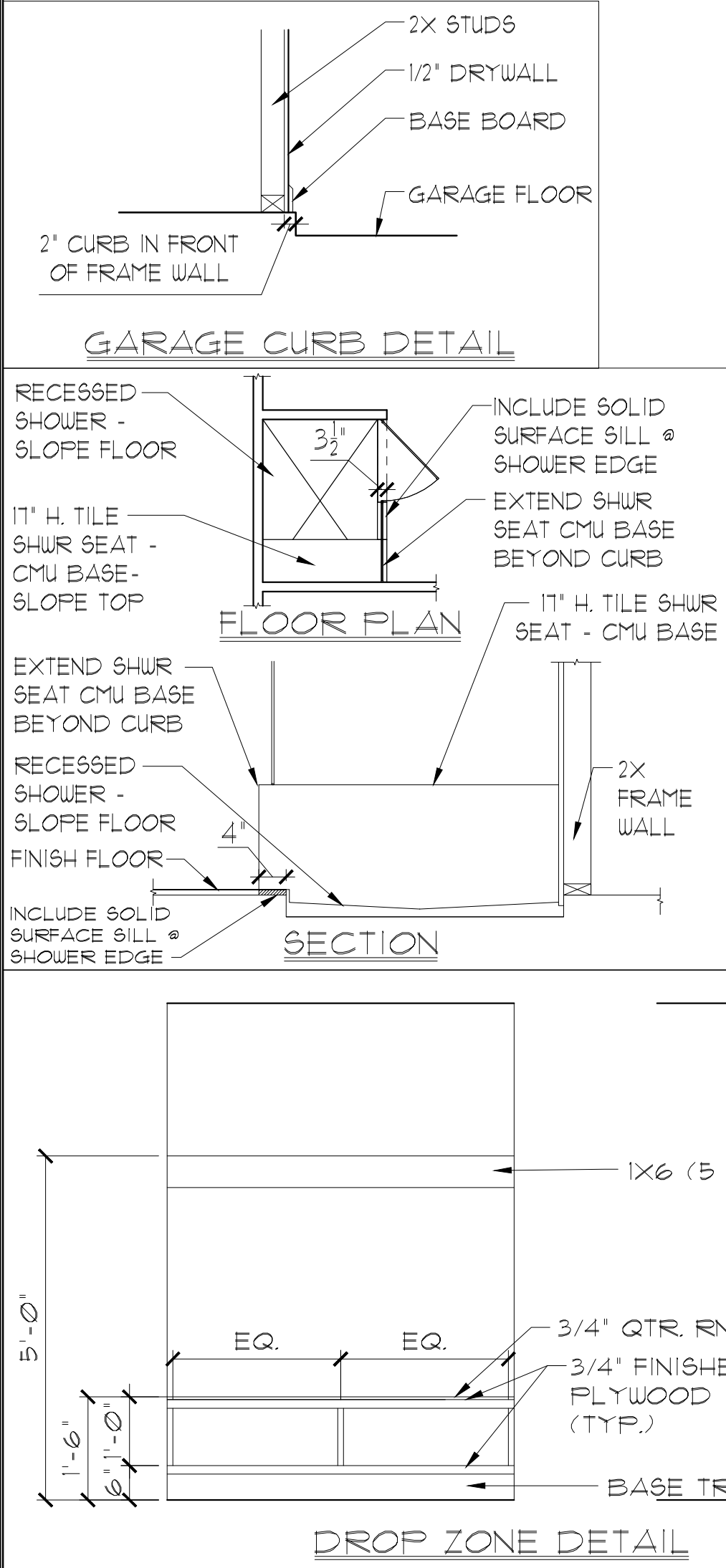
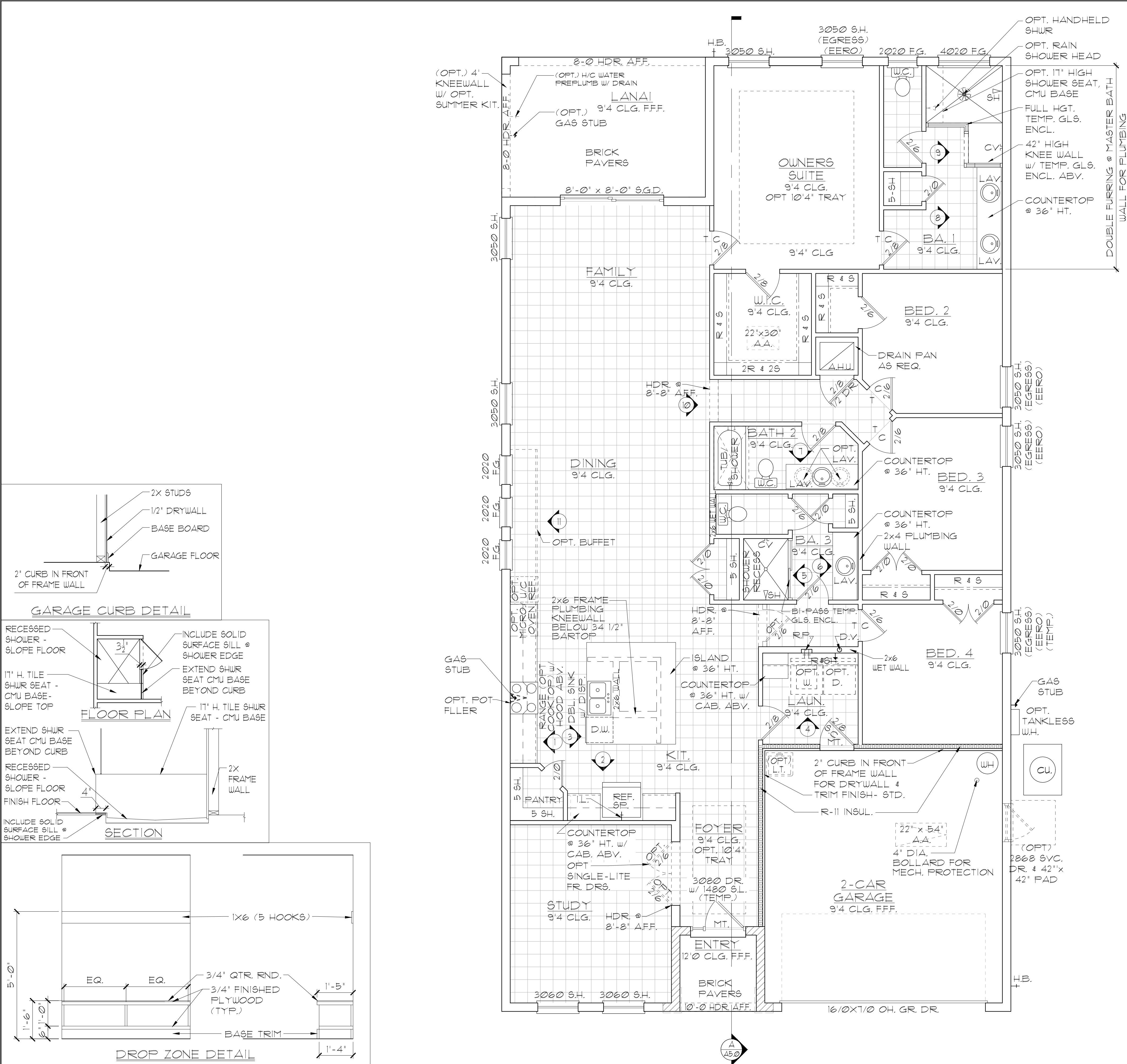
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FLOOR PLAN
2385 HAMPTON II
FLORIDA SERIES
W/ DIMENSIONS



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ENTRY-----	36 SF.
LANAI-----	176 SF.
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ELEVATION E STD
FLOOR PLAN W/ NOTES
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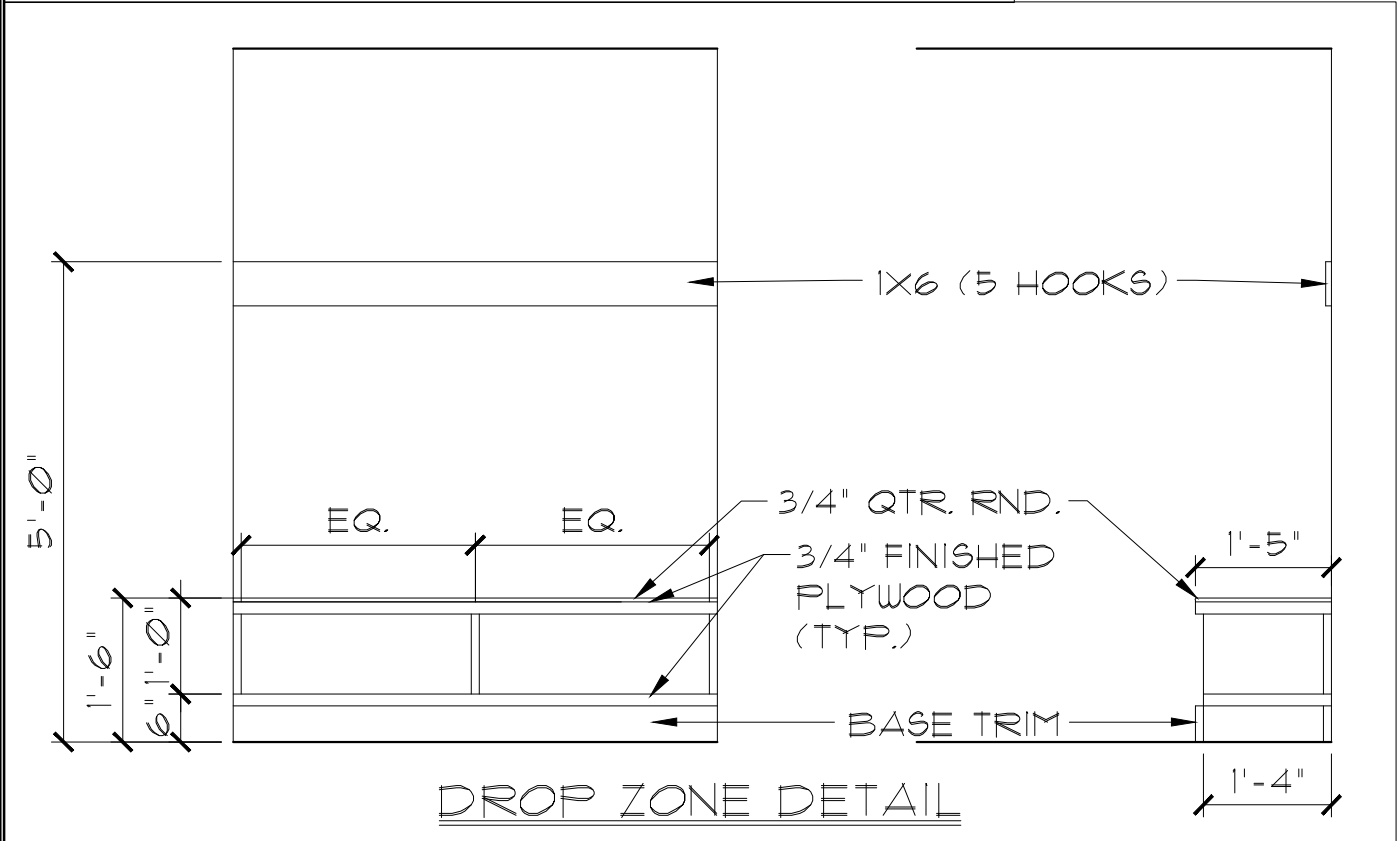
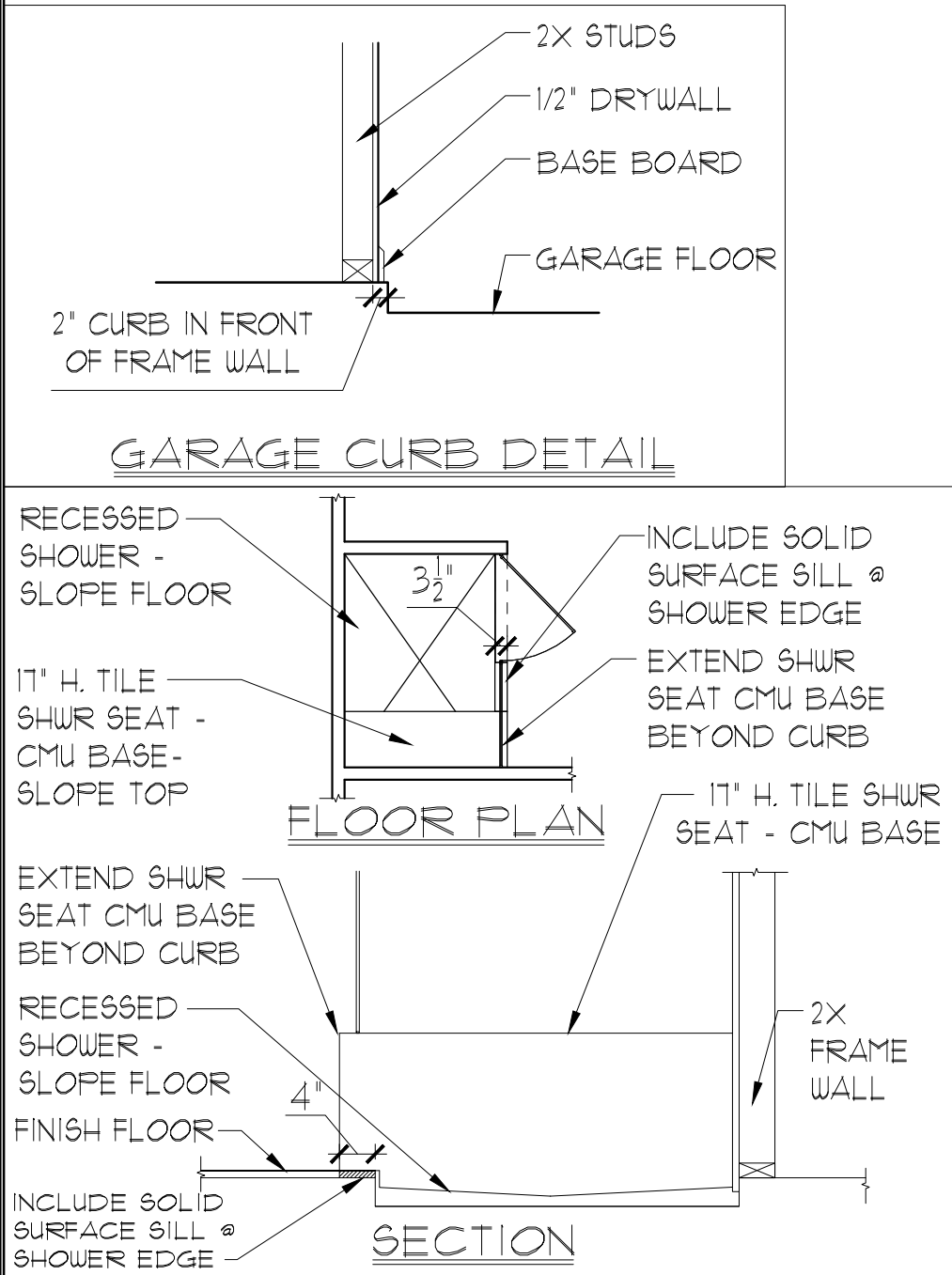
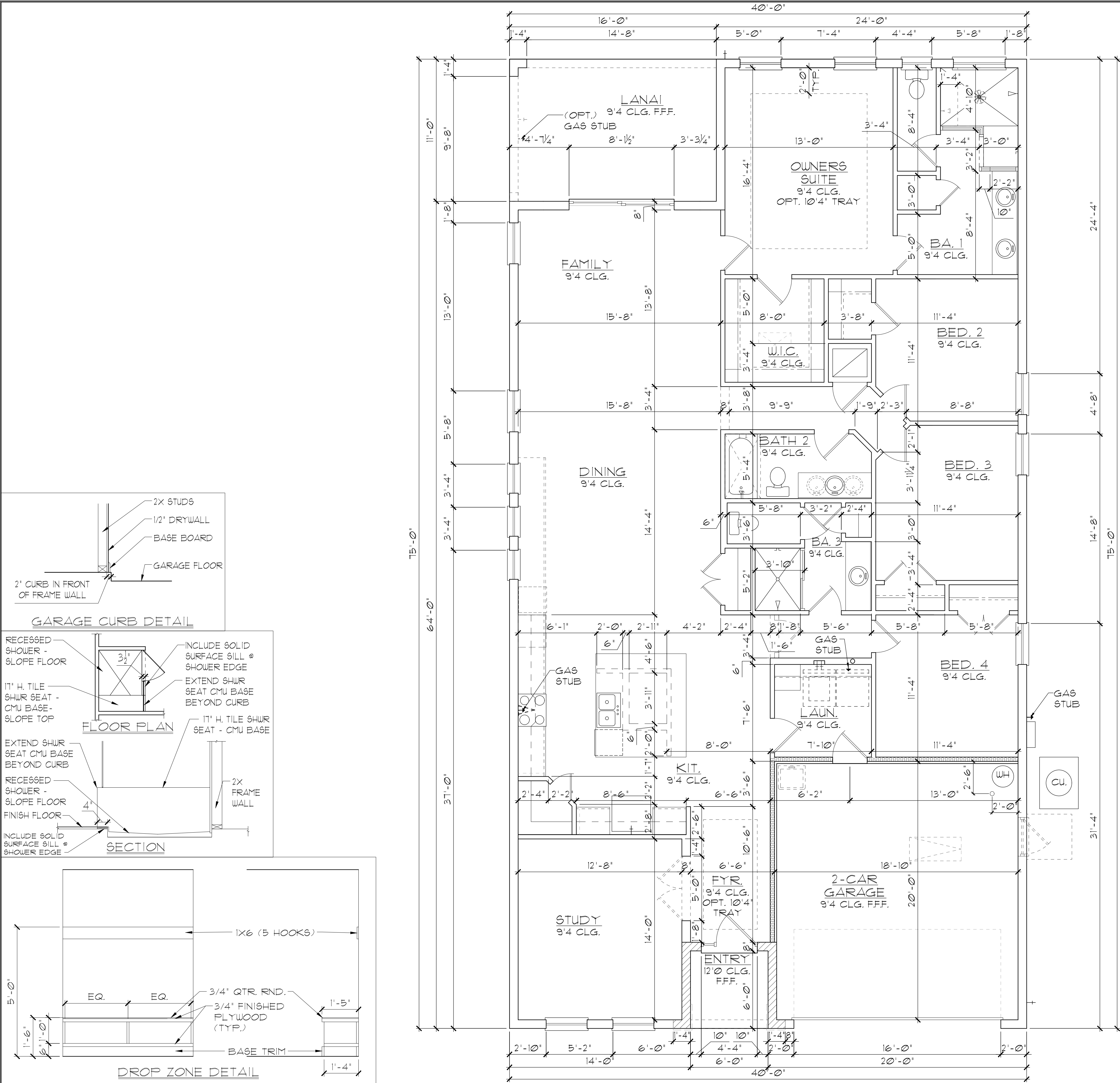
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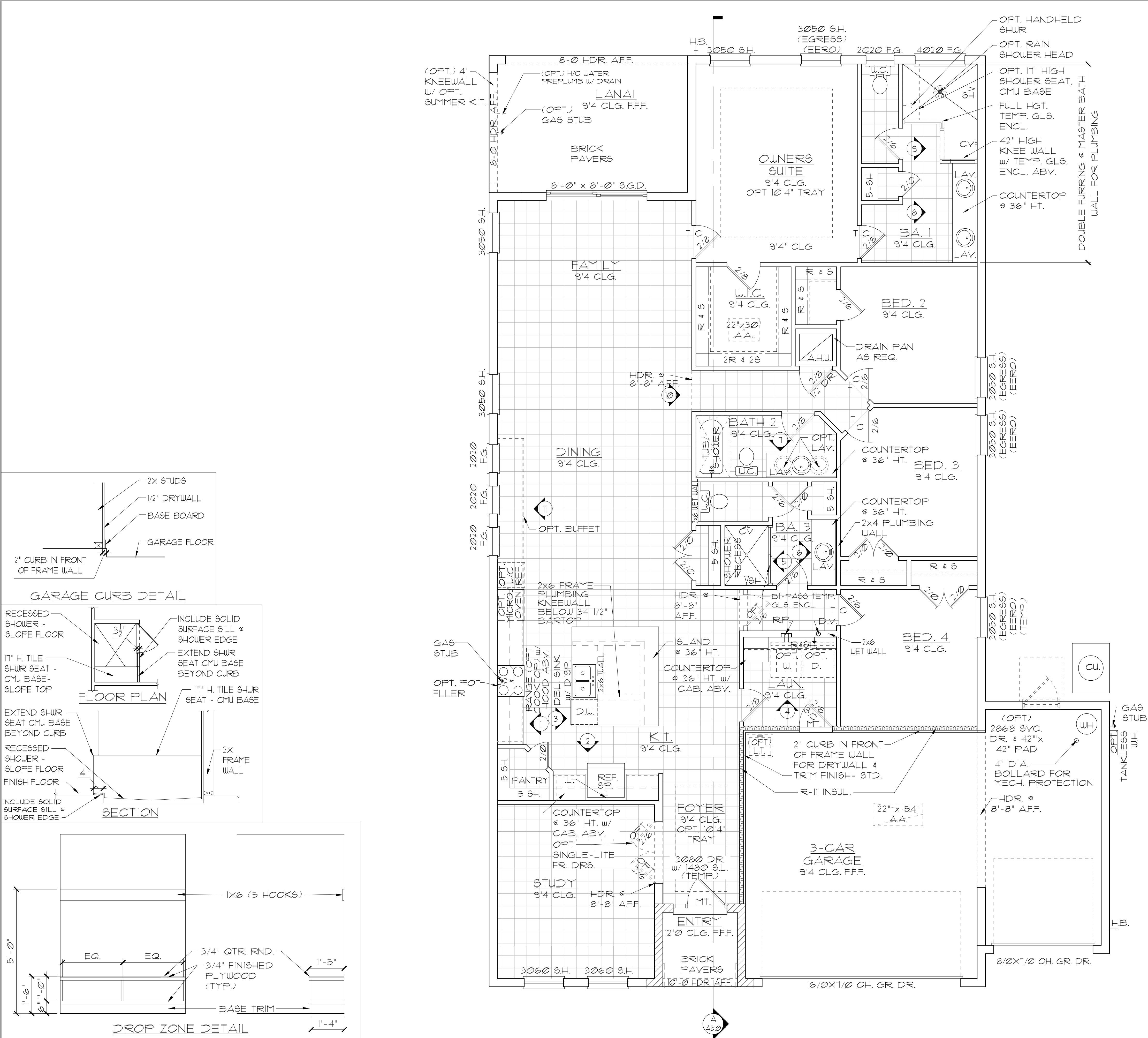
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FLORIDA SERIES

REVISIONS

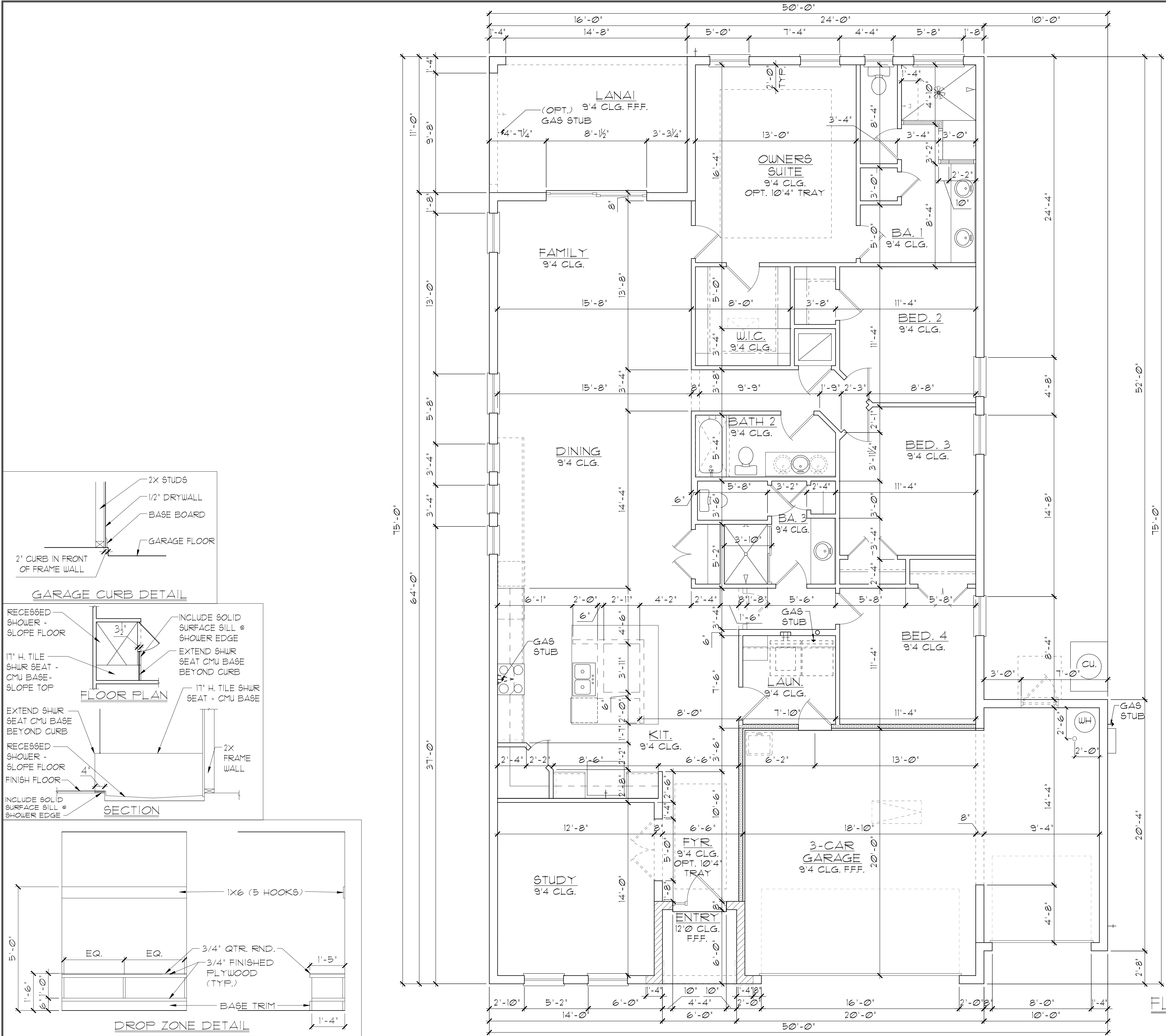
DELTA #	DATE

DATE: 07-23-24
SCALE: AS NOTED
DRAWN: M/R
SHEET: 02.2

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Phone: (407) 529 - 3000

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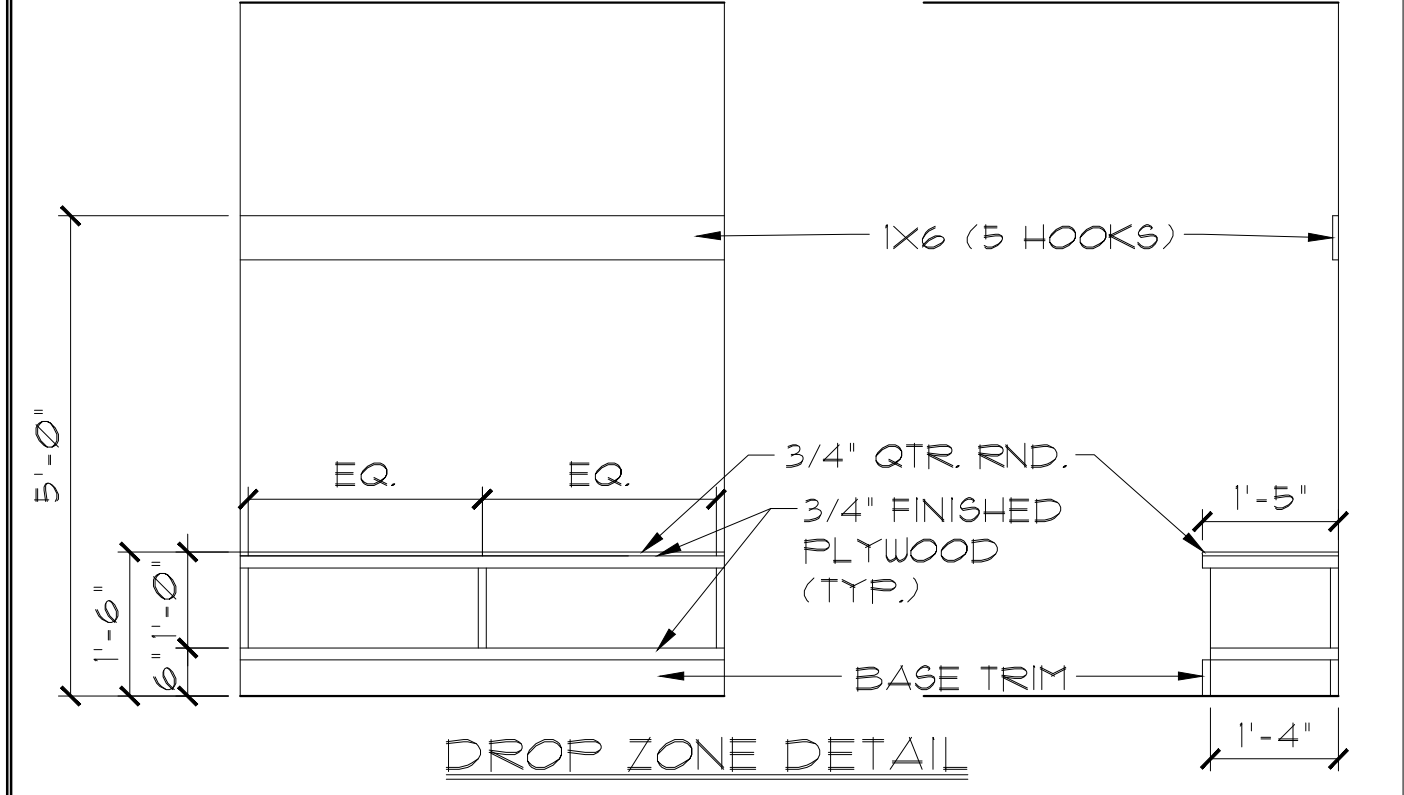
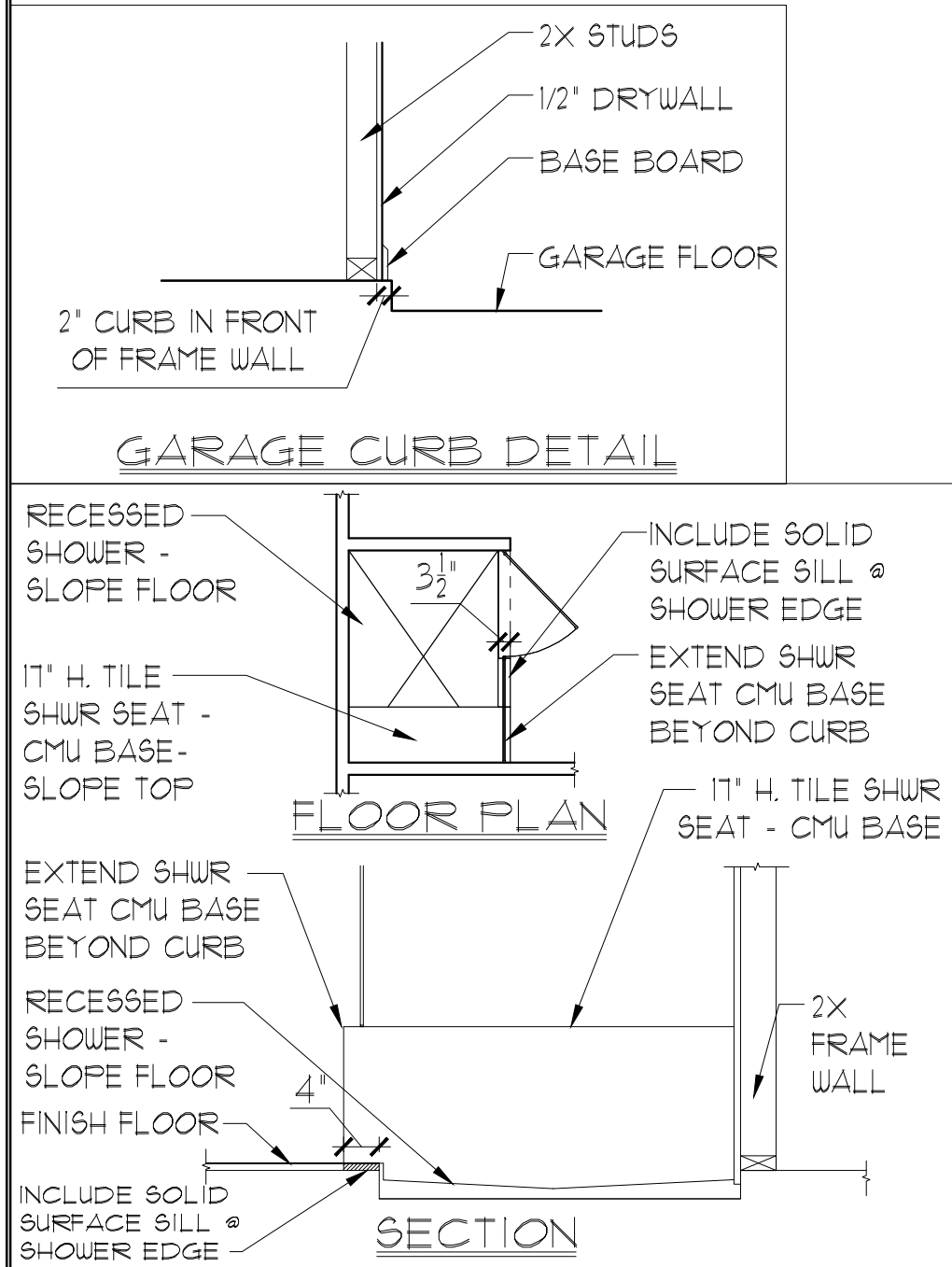
GENERAL NOTES

- CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
- DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
- ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3'-1/2" UNLESS NOTED OTHERWISE.
- ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 1'-5/8" UNLESS NOTED OTHERWISE.
- 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 (AW R302.5.1)
- 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 R102.5.5
- PULL ALL DIMENSIONS FROM THE REAR OF THE PLAN
- SEE GENERAL NOTES PAGE FOR ADDITIONAL INFO.

WALL LEGEND

[Symbol]	DENOTES CONC. BLOCK WALL HGT. @ 9'-4" AFF.
[Symbol]	DENOTES CONC. BLOCK WALL HGT. @ 10'-0" AFF.
[Symbol]	DENOTES CONC. BLOCK WALL HGT. @ 12'-0" AFF.
[Symbol]	DENOTES 2x INSULATED FRAME WALL

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



AREA CALCULATIONS	
TOTAL LIVING	2,384 SF.
GARAGE	601 SF.
ENTRY	36 SF.
LANAI	176 SF.
TOTAL UNDER ROOF	3,203 SF.

ELEVATION E W/
3-CAR GARAGE

FLOOR PLAN W/ DIMENSIONS

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

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LOT: 0000, COMMUNITY

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Park Square HOMES

FLOOR PLAN
2385 HAMPTON II
FLORIDA SERIES

W/ DIMENSIONS

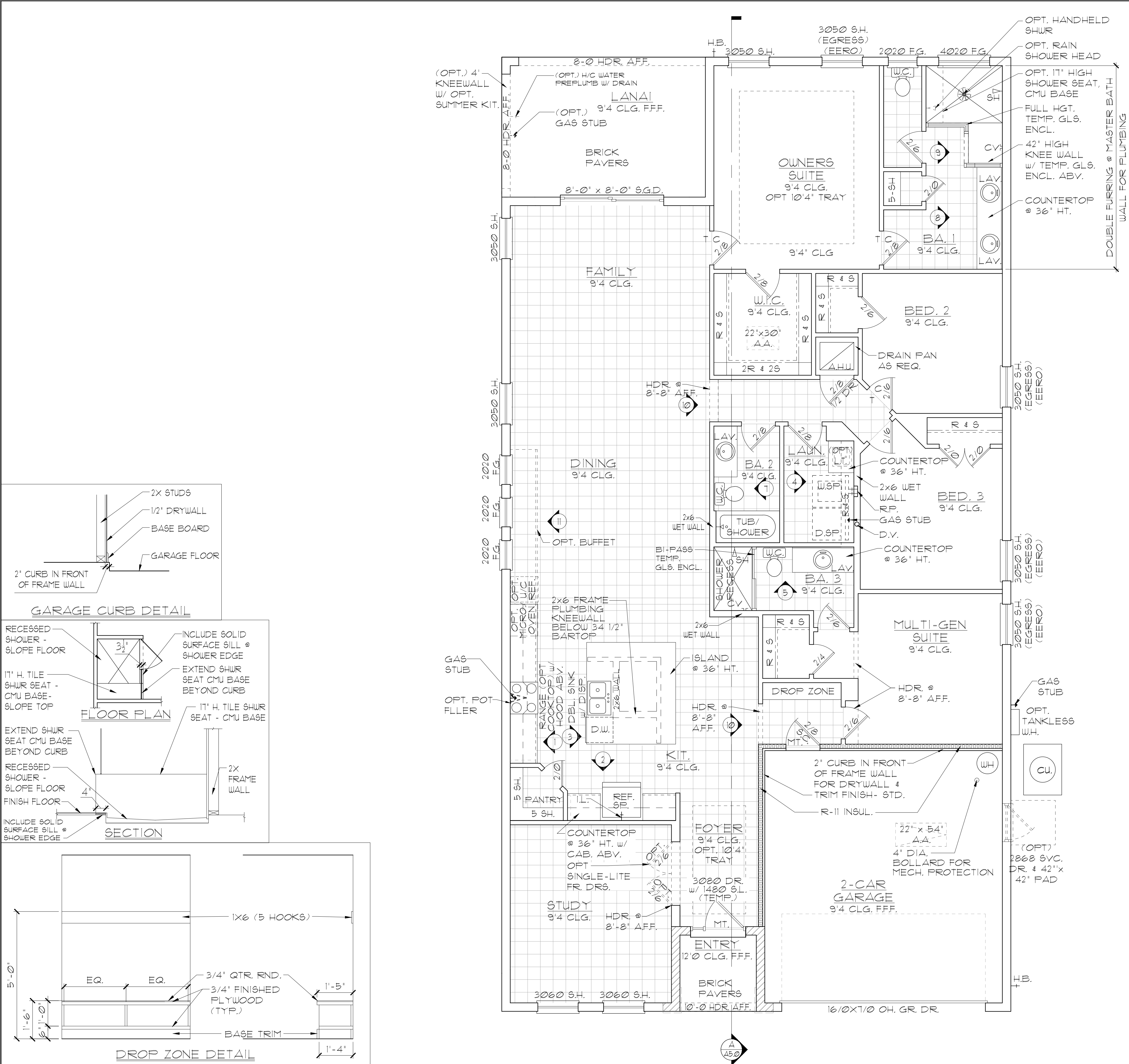
REVISIONS	
DELTA #	DATE

DATE: 07-23-24

SCALE: AS NOTED

DRAWN: MR

SHEET: 02.3



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.

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7. PULL ALL DIMENSIONS FROM THE REAR OF THE PLAN

8. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFO.

WALL LEGEND

DENOTES CONC. BLOCK WALL HGT. @ 9'-4" AFF.

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DENOTES 2x INSULATED FRAME WALL

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

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LANAI-----	176 SF.
TOTAL UNDER ROOF-----	3,203 SF.

ELEVATION E W/
IN-LAW SUITE
FLOOR PLAN W/ NOTES
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA #	DATE

DATE: 07-23-24

SCALE: AS NOTED

DRAWN: MR

SHEET: 02.4

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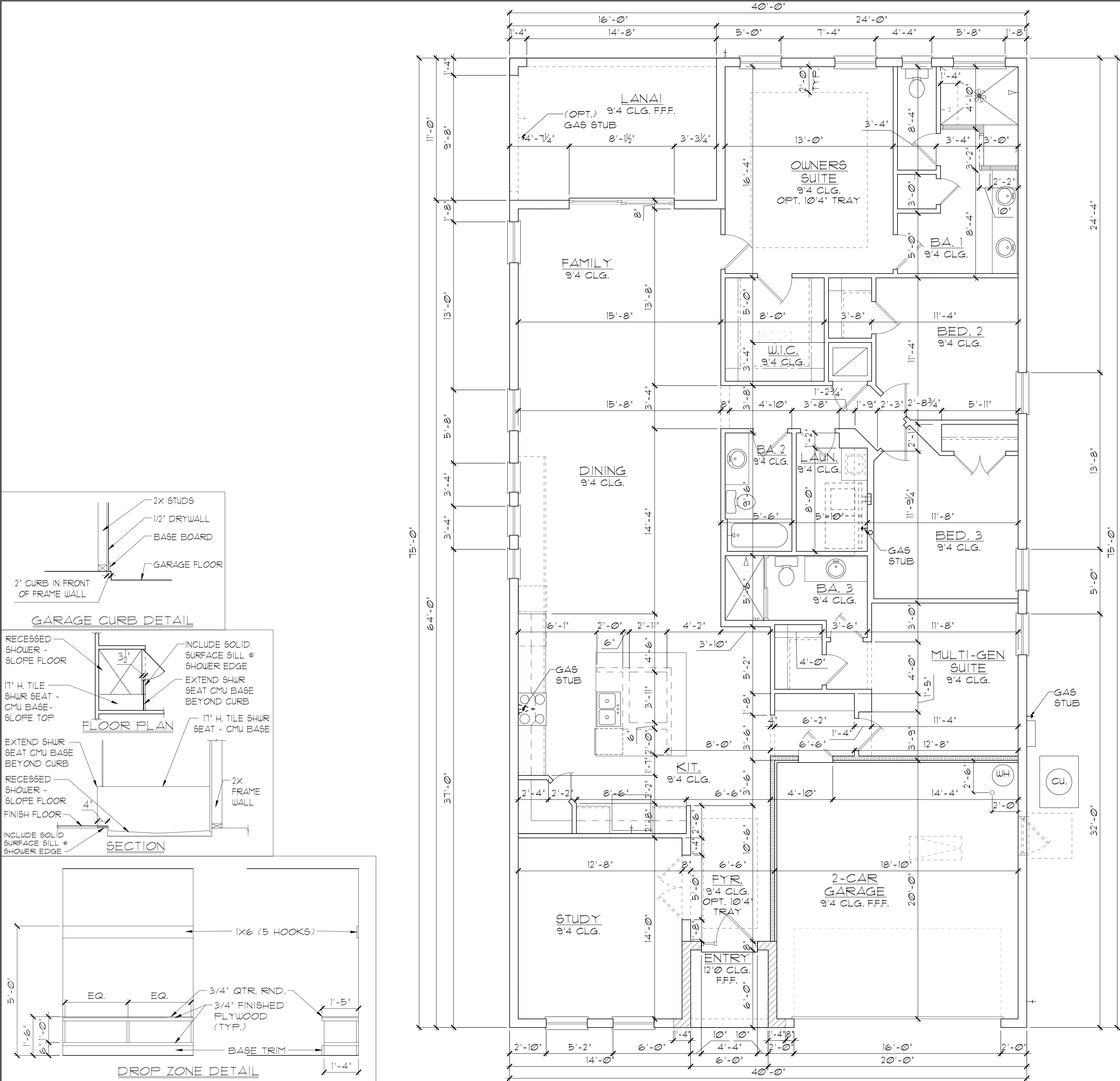
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FLOOR PLAN W/ NOTES

2385 HAMPTON II

FLORIDA SERIES

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7. PULL ALL DIMENSIONS FROM THE REAR OF THE PLAN

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DENOTES CONC. BLOCK WALL HGT. @ 9'-4" AFF.

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IN-LAW SUITE

FLOOR PLAN W/ DIMENSIONS

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

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DATE: 07-23-24

SCALE: AS NOTED

DRAWN: MR

SHEET: 02.5

2385 HAMPTON II

FLORIDA SERIES

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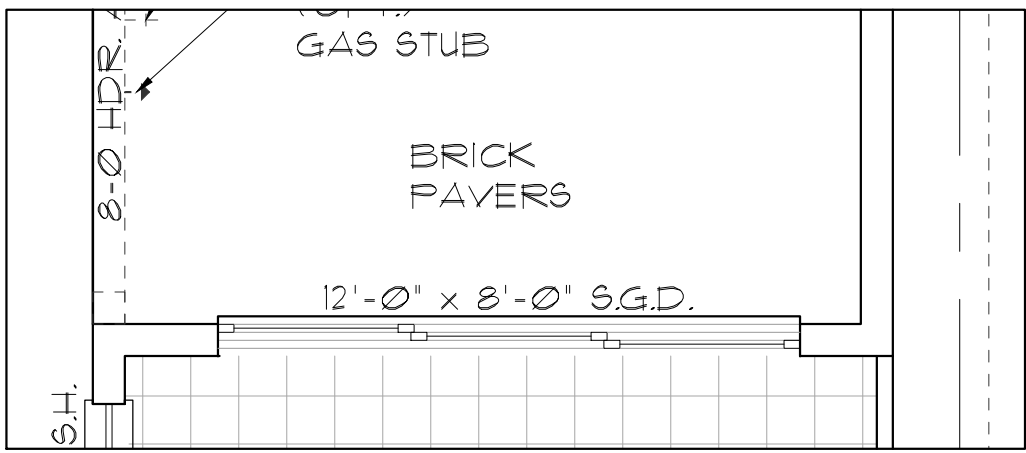
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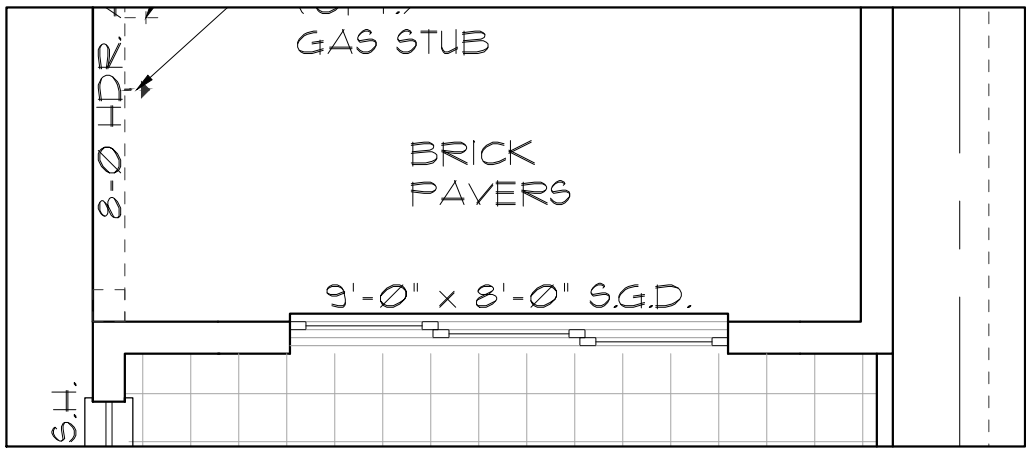
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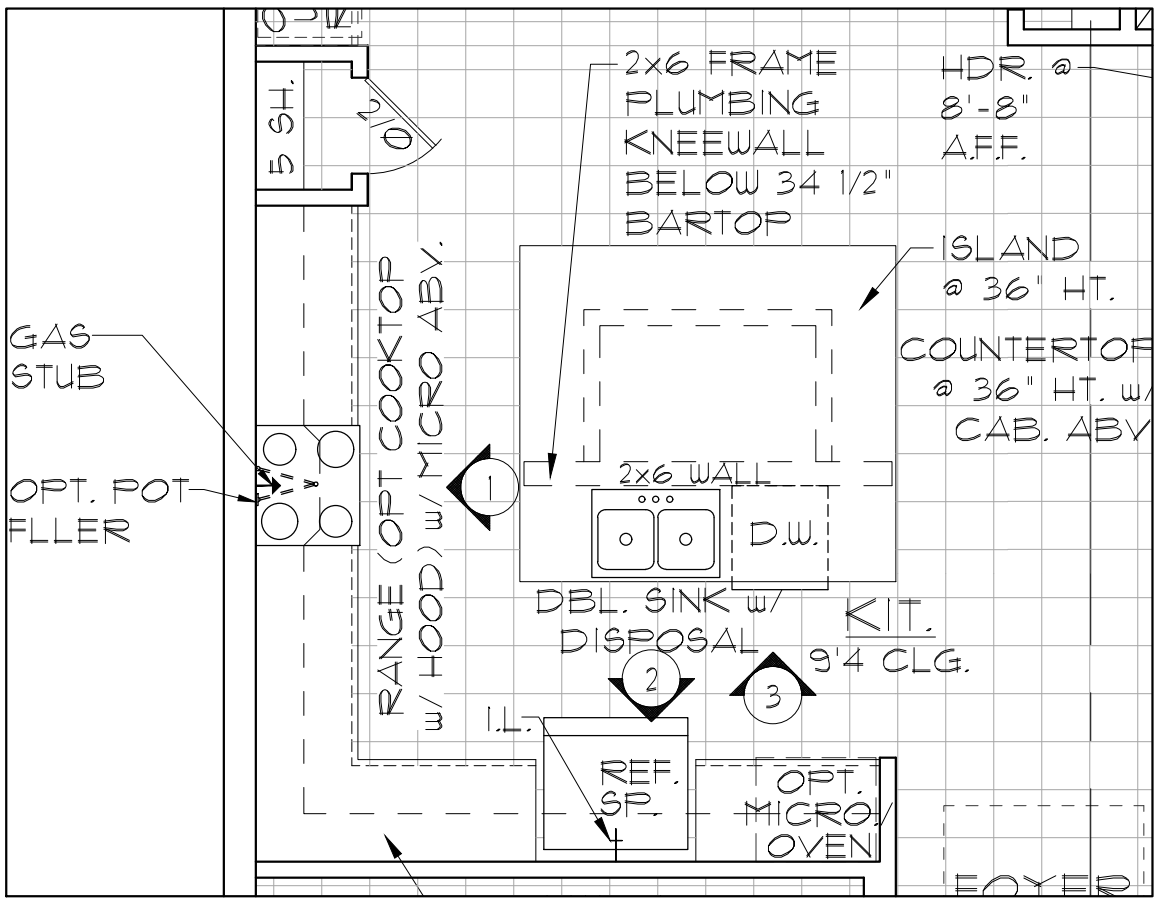
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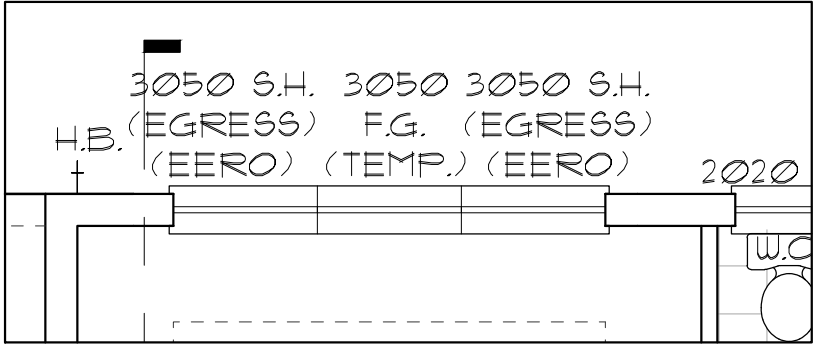
OPT 12080 SGD @ LANAI



OPT 9080 SGD @ LANAI



OPT KITCHEN



OPT TRIPLE WINDOWS @ O.S.

GENERAL NOTES

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7. PULL ALL DIMENSIONS FROM THE REAR OF THE PLAN
8. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFO.

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Park Square
HOMES

FLOOR PLAN W/ NOTES

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA # DATE

DATE: 07-23-24

SCALE: AS NOTED

DRAWN: MR

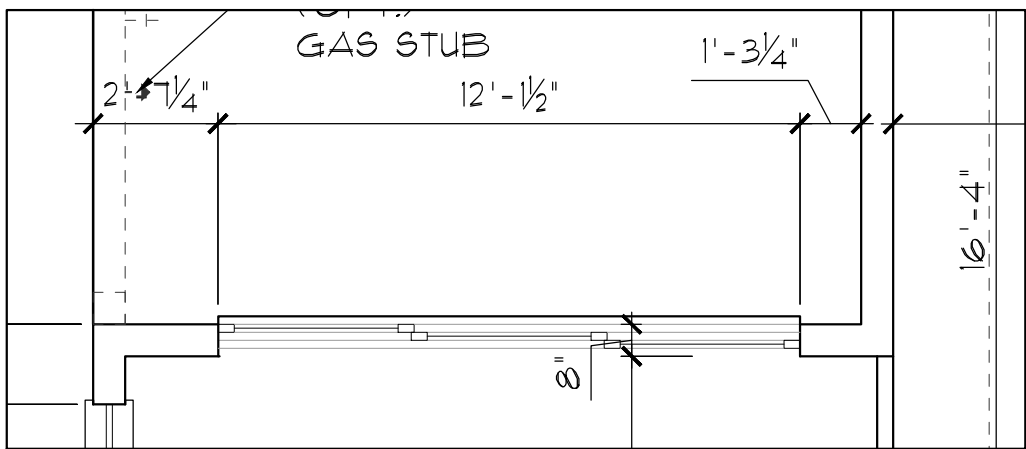
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02.0

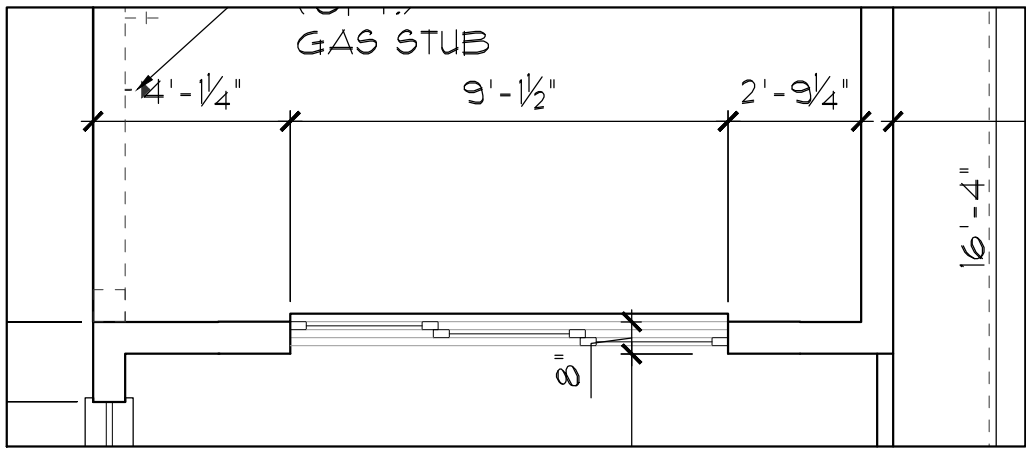
NOTE: SEE COLOR SHEET FOR FLOORING &
INTERIOR DOOR HEIGHT REQUIREMENTS

OPTIONS
FLOOR PLAN W/ NOTES

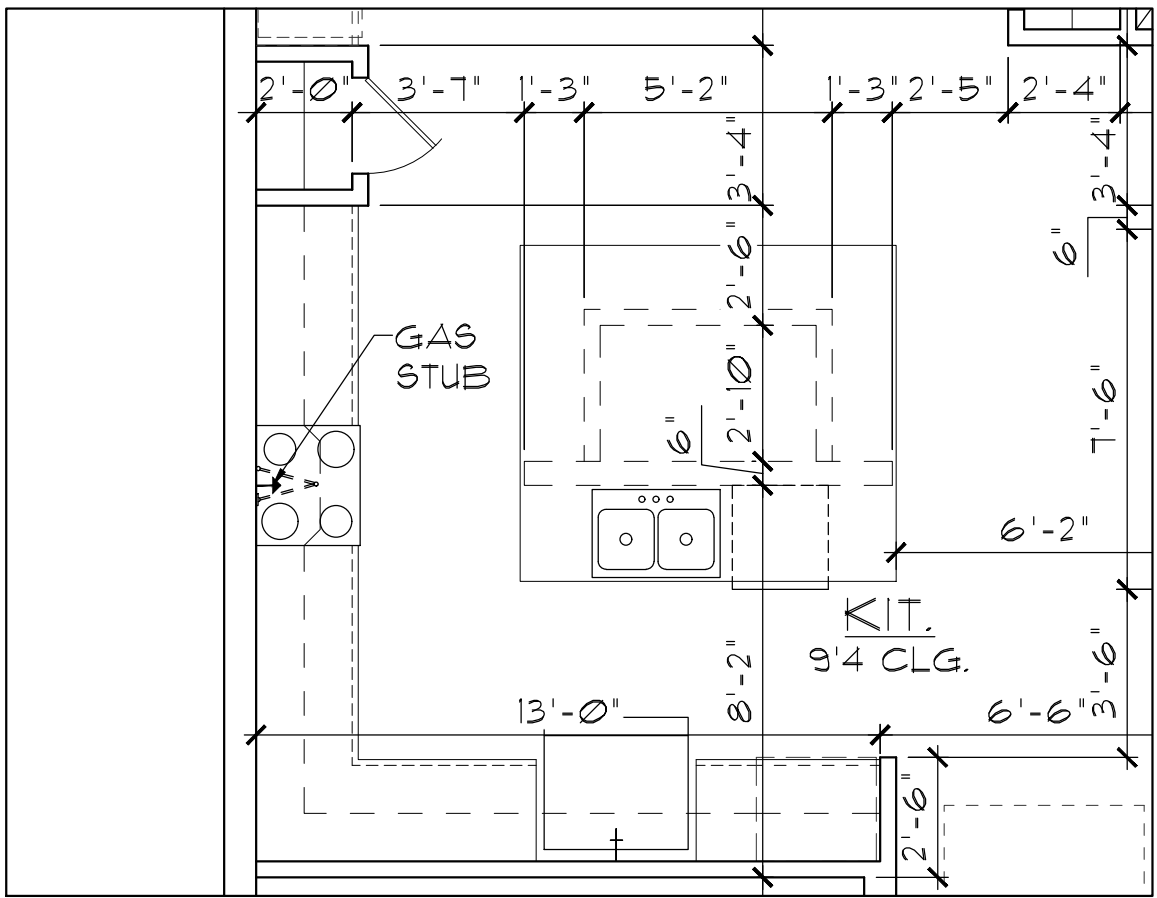
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



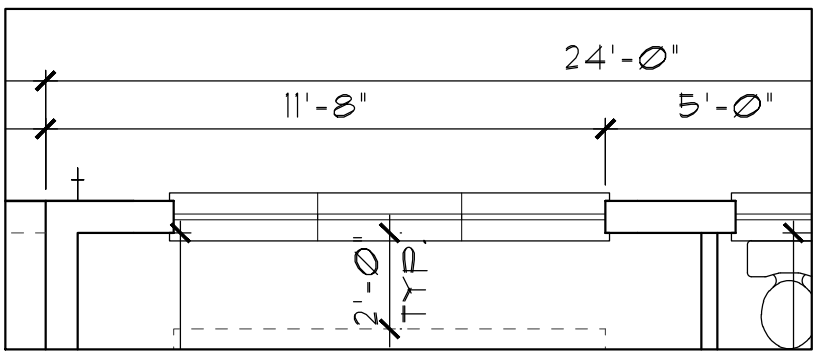
OPT 12080 SGD @ LANAI



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7. PULL ALL DIMENSIONS FROM THE REAR OF THE PLAN
8. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFO.

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Park Square HOMES	
FLOOR PLAN W/ DIMENSIONS	
2385 HAMPTON II	FLORIDA SERIES
REVISIONS	
DELTA #	DATE
DATE:	07-23-24
SCALE: AS NOTED	
DRAWN:	MR
SHEET:	02.1

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

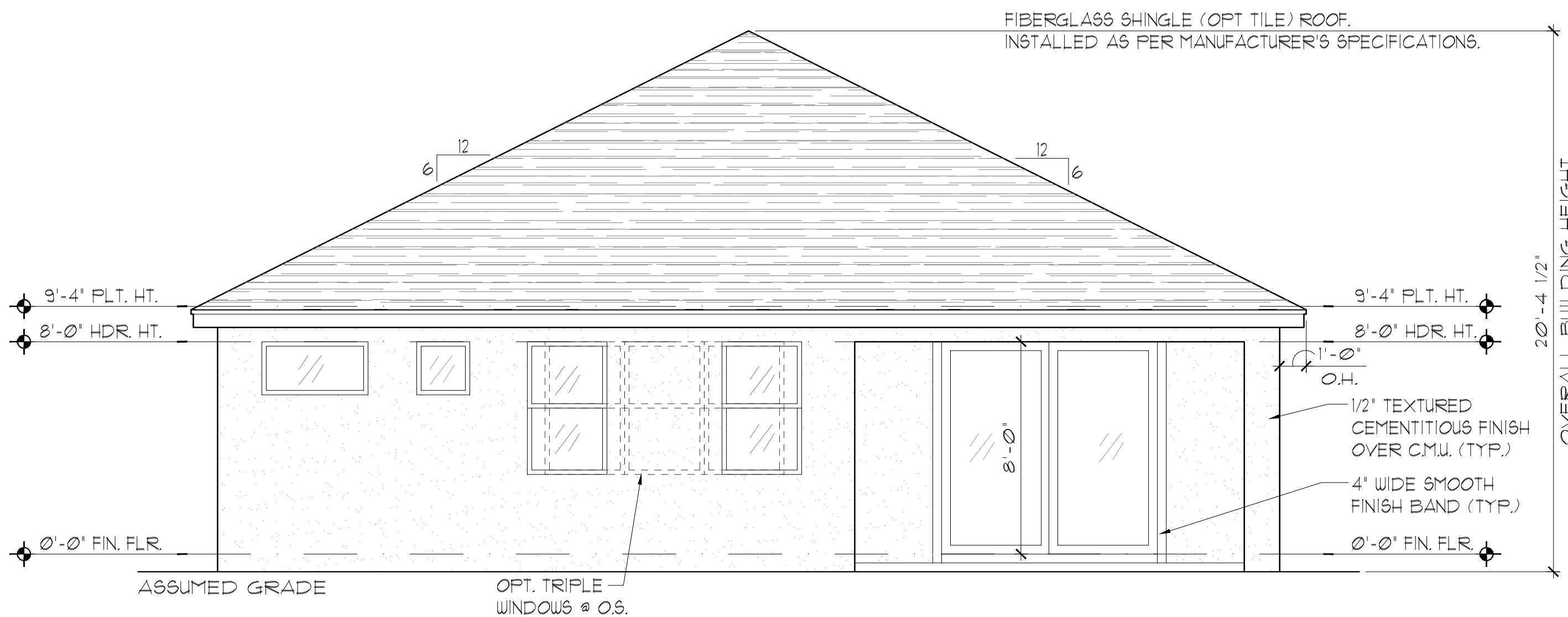
OPTIONS
FLOOR PLAN W/ DIMENSIONS

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



ELEVATION A STD
FRONT ELEVATION

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



ELEVATION A STD
REAR ELEVATION

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

EXTERIOR FINISH NOTES

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

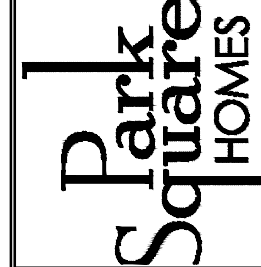
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EXTERIOR ELEVATION
FRONT AND REAR

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA # DATE

DATE: 07-23-24

SCALE: AS NOTED

DRAWN: MR

SHEET:

03.A

- EXTERIOR FINISH NOTES
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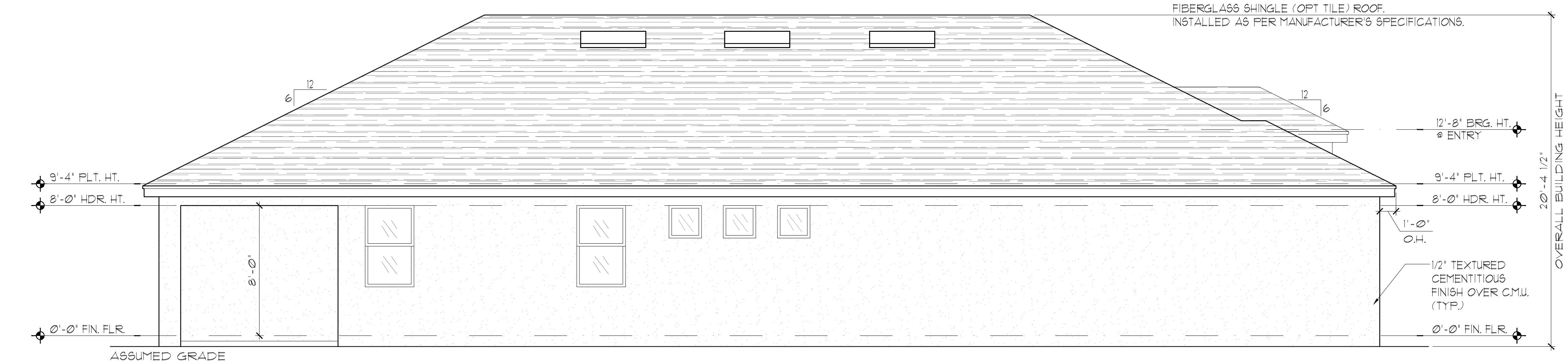
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7. ALL HORIZONTAL & VERTICAL CONTROL JOINTS SHALL BE INSTALLED IAW ASTM 1063.

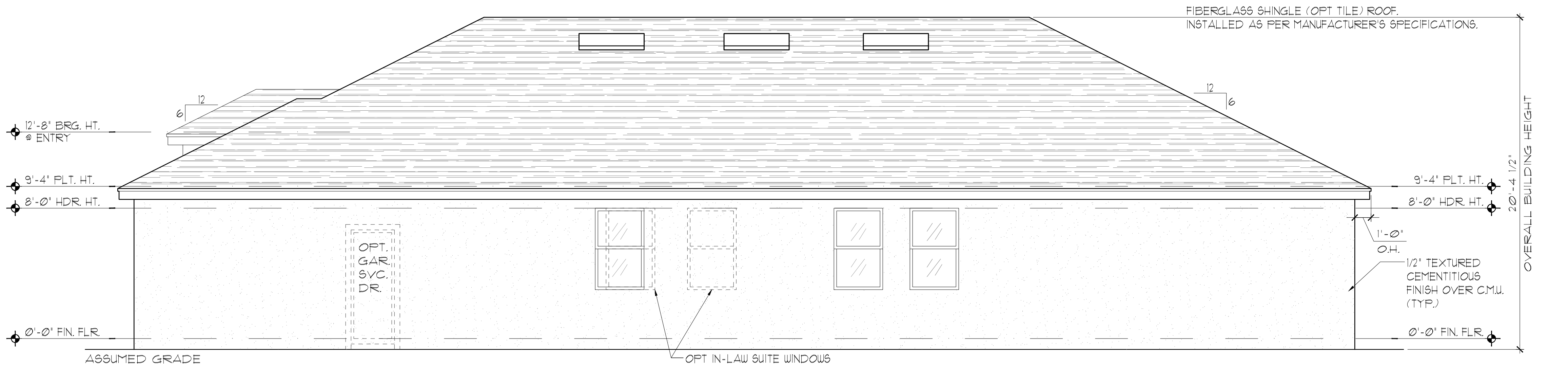
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ELEVATION A STD
LEFT ELEVATION
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



ELEVATION A STD
RIGHT ELEVATION
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5200 Vineyard Road, Suite 200
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EXTERIOR ELEVATION
LEFT AND RIGHT

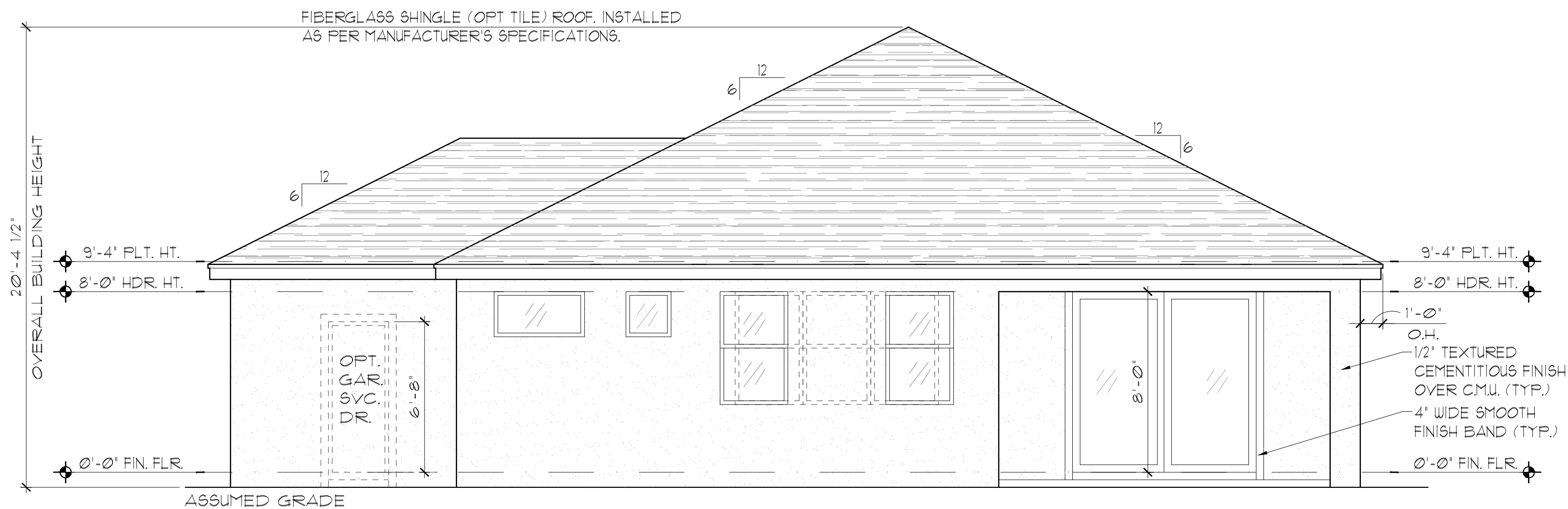
2385 HAMPTON II

FLORIDA SERIES



ELEVATION A W/
3-CAR GARAGE
FRONT ELEVATION

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



ELEVATION A W/
3-CAR GARAGE
REAR ELEVATION

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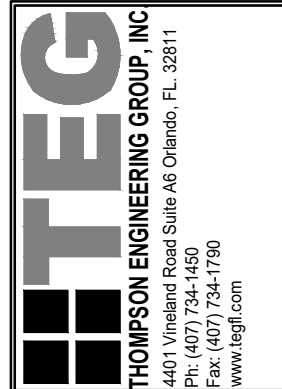
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9. "ZIP SYSTEMS" WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER ON EXTERIOR FRAME WALLS.
10. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFORMATION.

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Park
Square
HOMES

EXTERIOR ELEVATION
FRONT AND REAR

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA # DATE

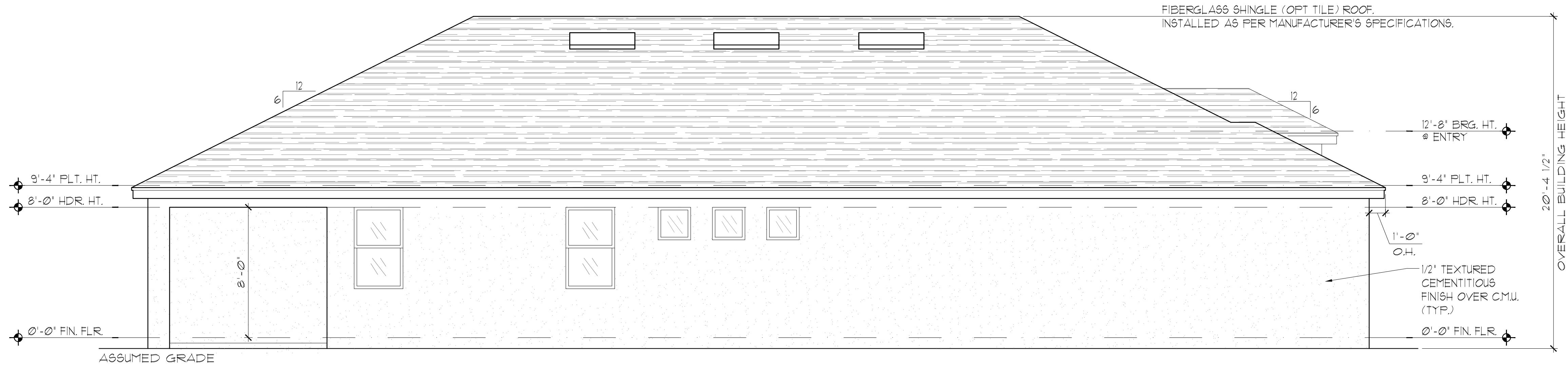
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SCALE: AS NOTED

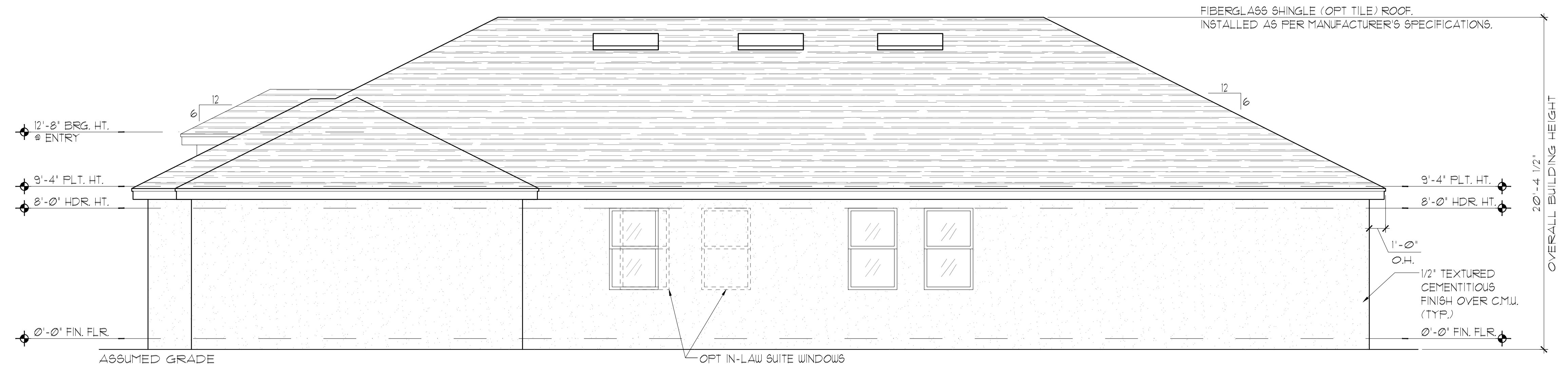
DRAWN: MR

SHEET:

03.2A



ELEVATION A W/
3-CAR GARAGE
LEFT ELEVATION
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



ELEVATION A W/
3-CAR GARAGE
RIGHT ELEVATION
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

EXTERIOR FINISH NOTES

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

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Orlando, Florida 32811

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EXTERIOR ELEVATION

LEFT AND RIGHT

2385 HAMPTON II

FLORIDA SERIES

REVISIONS	
DELTA #	DATE

DATE: 07-23-24

SCALE: AS NOTED

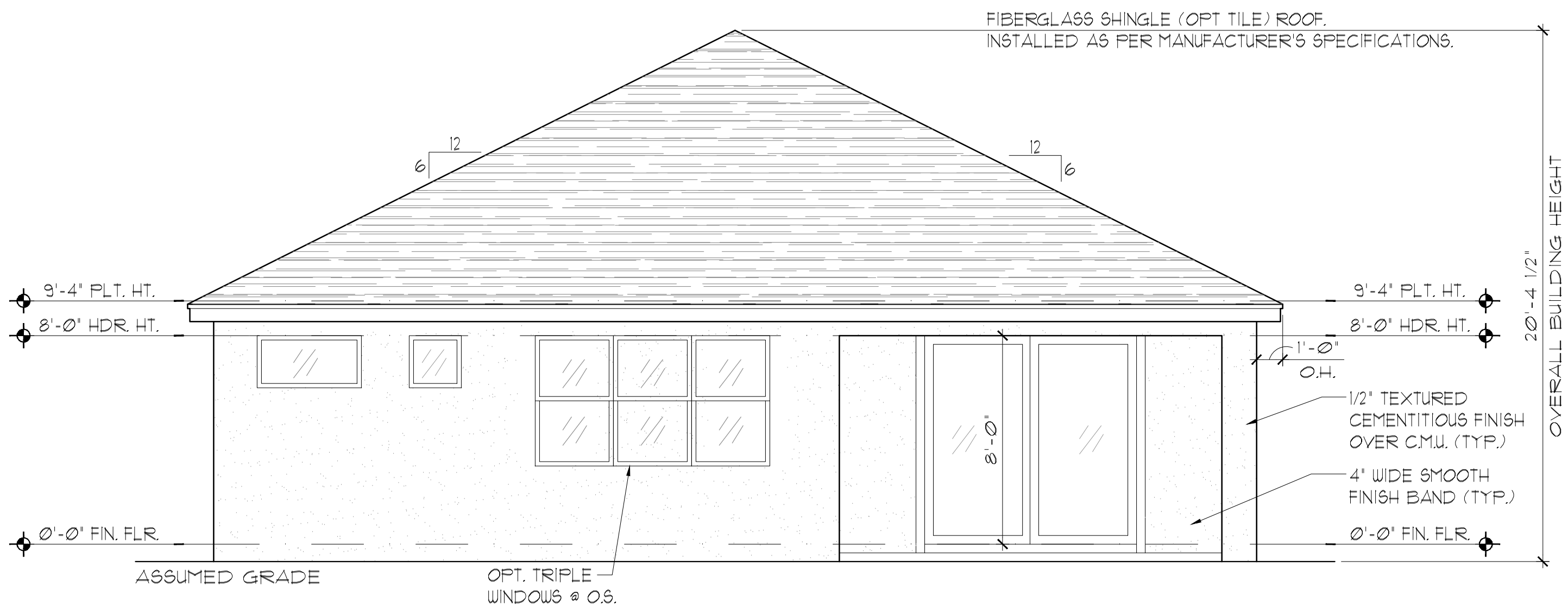
DRAWN: MR

SHEET: 03.3A

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



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

EXTERIOR FINISH NOTES

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

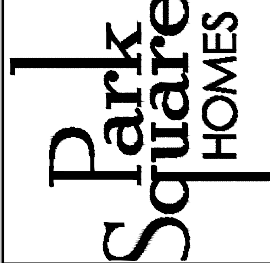
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EXTERIOR ELEVATION
FRONT AND REAR

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA # DATE

DATE: 07-23-24

SCALE: AS NOTED

DRAWN: MR

SHEET:

03.B

1. LATH TO BE ATTACHED IAW R103.11 OF THE 8TH EDITION, FBC-R. 2023 & ASTM C1063 OR C1187.
2. PLASTERING TO BE INSTALLED IAW R103.1 & R103.12 OF THE 8TH EDITION, FBC-R. 2023
3. WEEP SCREED TO BE INSTALLED IAW R103.12.I 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.I OF THE 8TH EDITION, FBC-R. 2023.
9. "ZIP SYSTEMS" WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER ON EXTERIOR FRAME WALLS.
10. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFORMATION.



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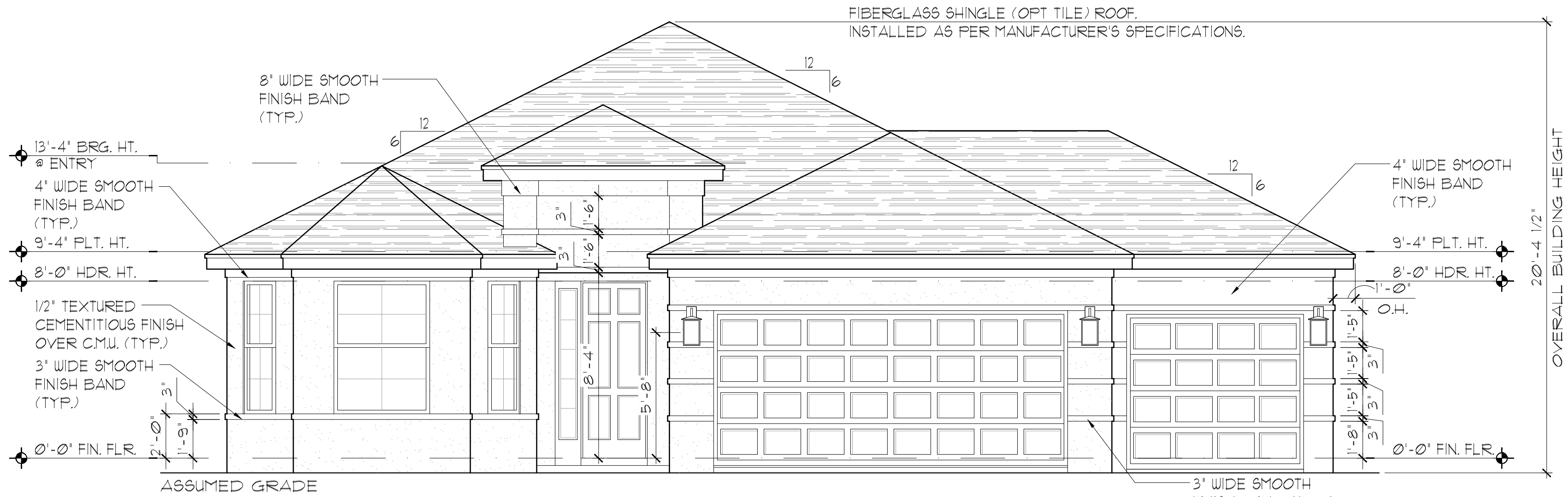
Park Square HOMES

EXTERIOR ELEVATION
LEFT AND RIGHT

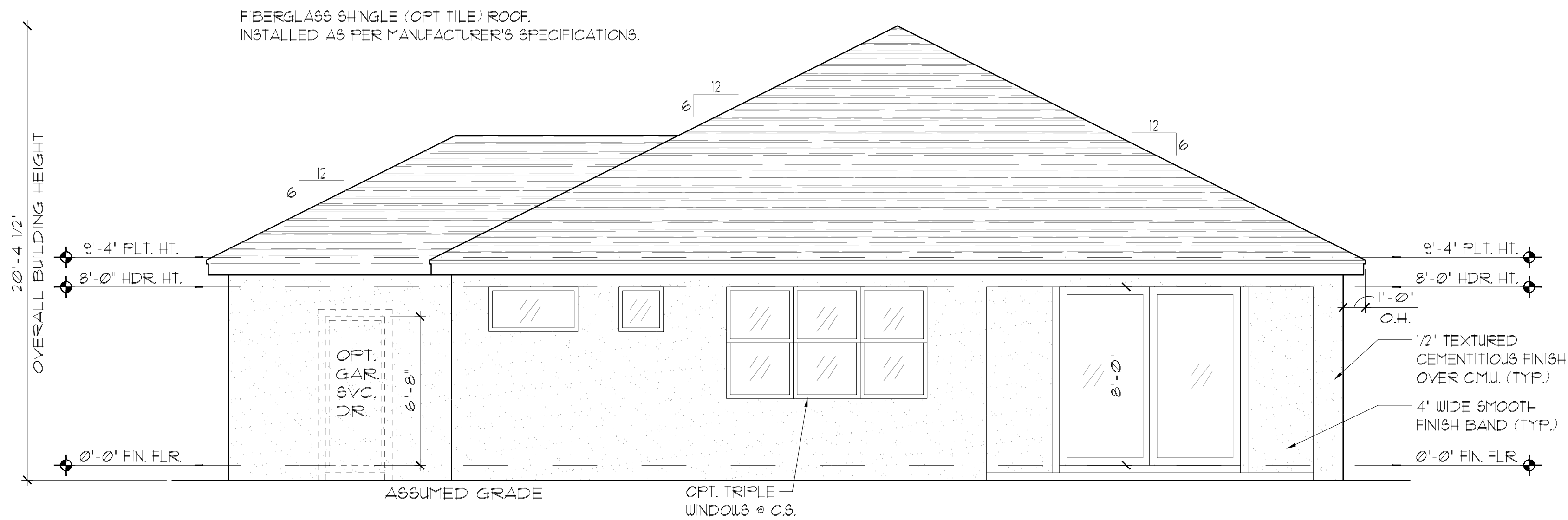
2385 HAMPTON III

FLORIDA SERIES

REVISIONS	
DELTA #	DATE
DATE: 07-23-20	
SCALE: AS NOTED	
DRAWN: MR	
SHEET:	
03.1B	



ELEVATION B W/
3-CAR GARAGE
FRONT ELEVATION
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



ELEVATION B W/
3-CAR GARAGE
REAR ELEVATION
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R103.1.1 OF THE 8TH EDITION, FBC-R, 2023 & ASTM C1063 OR C1187.
2. PLASTERING TO BE INSTALLED IAW R103.1 & R103.1.2 OF THE 8TH EDITION, FBC-R, 2023
3. WEEP SCREED TO BE INSTALLED IAW R103.1.2.1 OF THE 8TH EDITION, FBC-R, 2023 & ASTM C926.
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.2 & R103.1.3 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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EXTERIOR ELEVATION
FRONT AND REAR

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA #	DATE
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DATE: 07-23-24

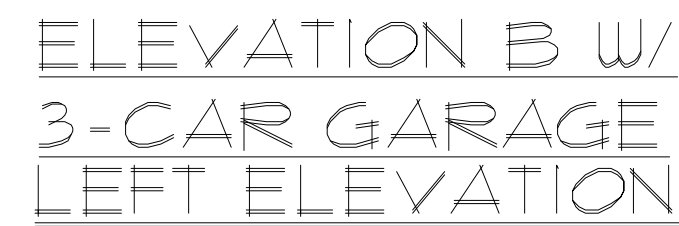
SCALE: AS NOTED

DRAWN: MR

SHEET:

03.2B

1. LATH TO BE ATTACHED IAW R103.1 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 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.



ELEVATION B W/
3-CAR GARAGE
RIGHT ELEVATION

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PARK SQUARE HOMES RESERVES CO. P.	REVISIONS	
	DELTA #	DATE
	DATE: 07-23-24	
	SCALE: AS NOTED	
	DRAWN:	MR
	SHEET:	

FLORIDA SERIES

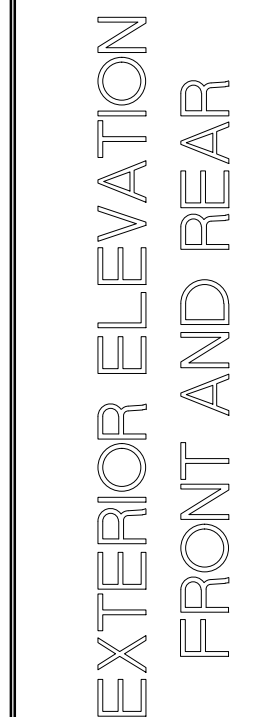
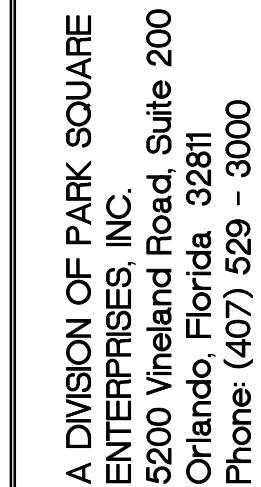
LEFT AND RIGHT

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1. LATH TO BE ATTACHED IAW R103.1 OF THE 8TH EDITION, FBC-R. 2023 & ASTM C1063 OR C1187.
2. PLASTERING TO BE INSTALLED IAW R103.1 & R103.1.2 OF THE 8TH EDITION, FBC-R. 2023
3. WEEP SCREED TO BE INSTALLED IAW R103.1.2.1 OF THE 8TH EDITION, FBC-R. 2023 & ASTM C926.
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.2 & R103.1.3 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.



2385 HAMPTON II
FLORIDA SERIES

REVISIONS	
DELTA $\frac{1}{2}$	DATE
DATE: 07-23-	
SCALE: AS NOTE	
DRAWN: M	
SHEET:	

03.C

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1. LATH TO BE ATTACHED IAW R103.1.1 OF THE 8TH EDITION, FBC-R 2023 & ASTM C1063 OR C1171.
2. PLASTERING TO BE INSTALLED IAW R103.1.4 & R103.1.2 OF THE 8TH EDITION, FBC-R 2023
3. WEEF 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.
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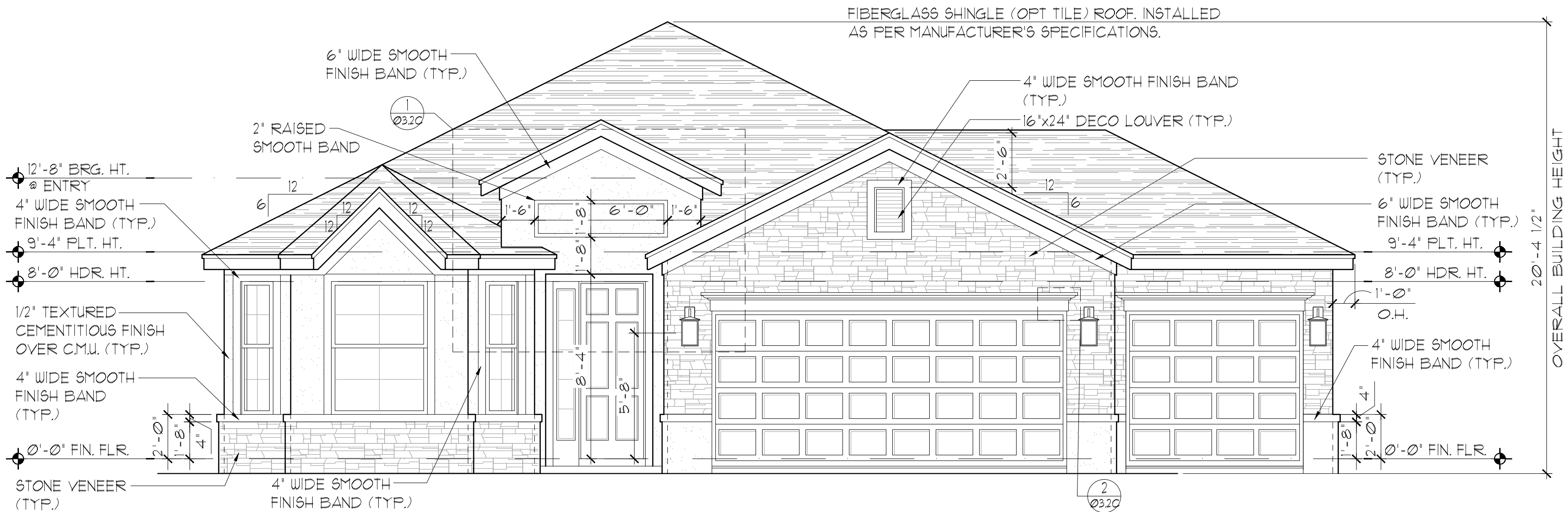
EXTERIOR ELEVATION
LEFT AND RIGHT

2385 HAMPTON II
FLORIDA SERIES

REVISIONS	
DELTA #	DATE
DATE: 01-23-20	
SCALE: AS NOTED	
DRAWN: M	
SHEET:	
03.1C	

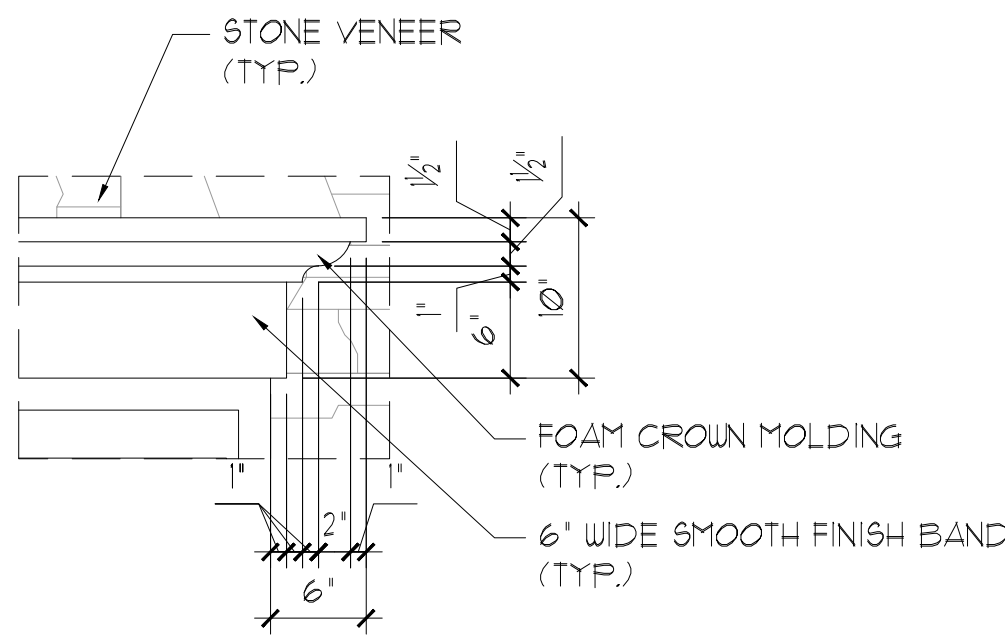
EXTERIOR FINISH NOTES

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

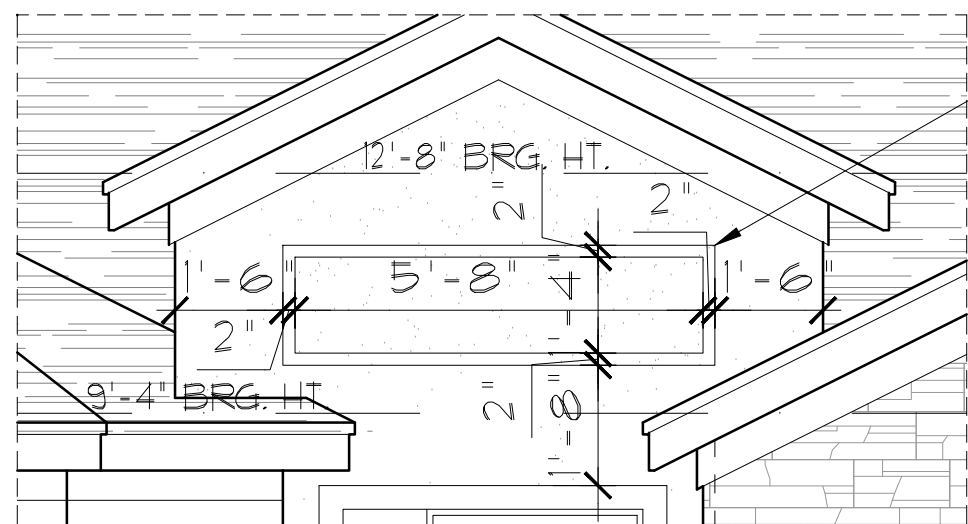


ELEVATION C W/
3-CAR GARAGE
FRONT ELEVATION

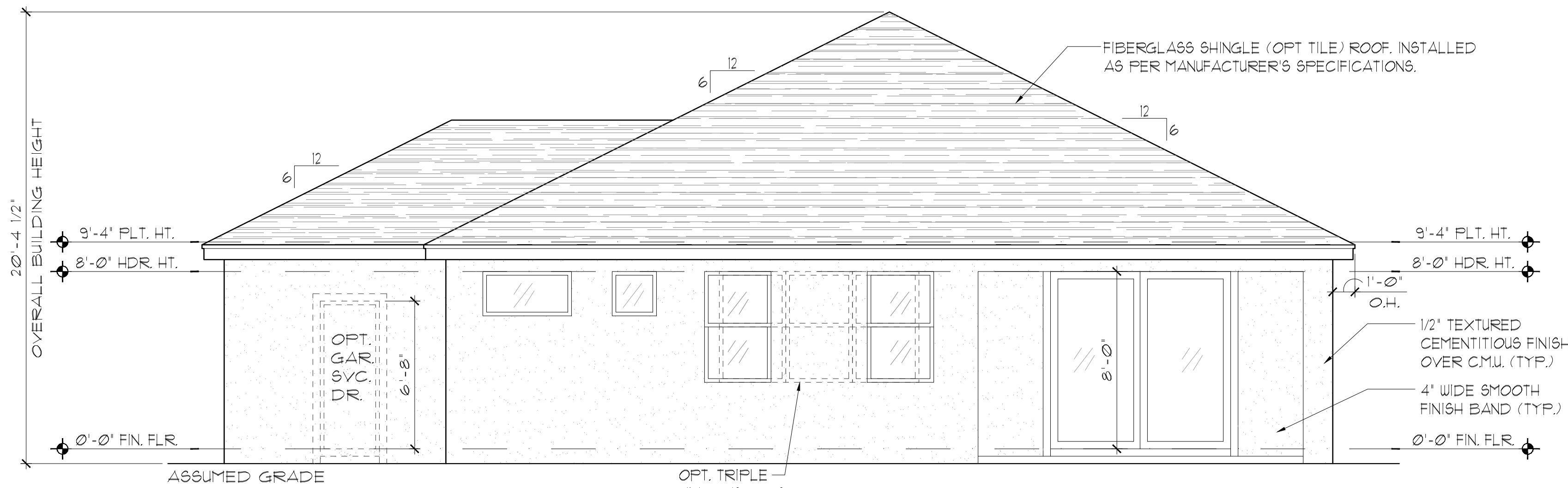
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



DETAIL #2
1"=1'-0"



DETAIL #1
3/8"=1'-0"



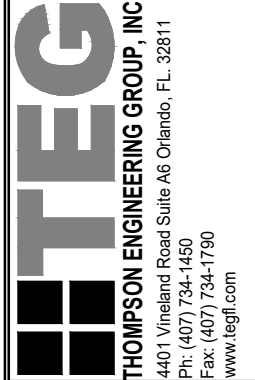
ELEVATION C W/
3-CAR GARAGE
REAR ELEVATION

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

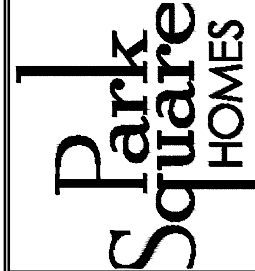
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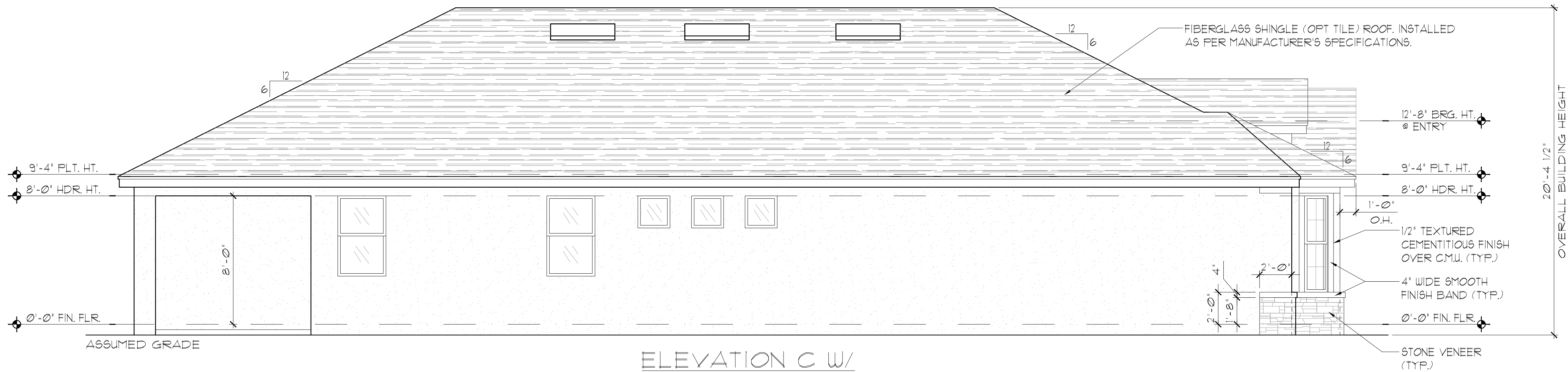
EXTERIOR ELEVATION
FRONT AND REAR

2385 HAMPTON II
FLORIDA SERIES

REVISIONS

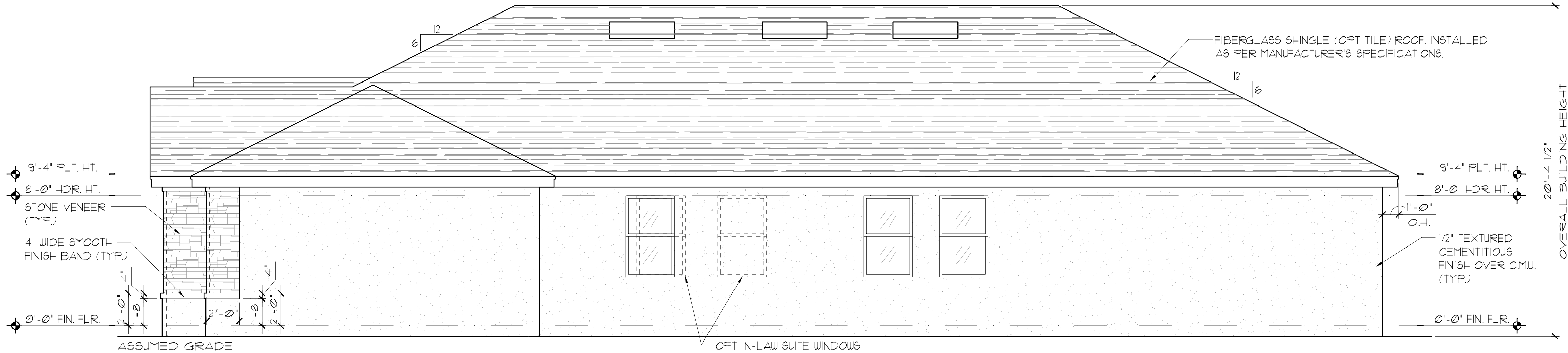
DELTA #	DATE
DATE:	07-23-24
SCALE:	AS NOTED
DRAWN:	MR
SHEET:	

03.2C



ELEVATION C W/
3-CAR GARAGE
LEFT ELEVATION

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



ELEVATION C W/
3-CAR GARAGE
RIGHT ELEVATION

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

EXTERIOR FINISH NOTES

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

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Orlando, Florida 32811

Phone: (407) 529 - 3000

EXTERIOR ELEVATION

LEFT AND RIGHT

2385 HAMPTON II

FLORIDA SERIES

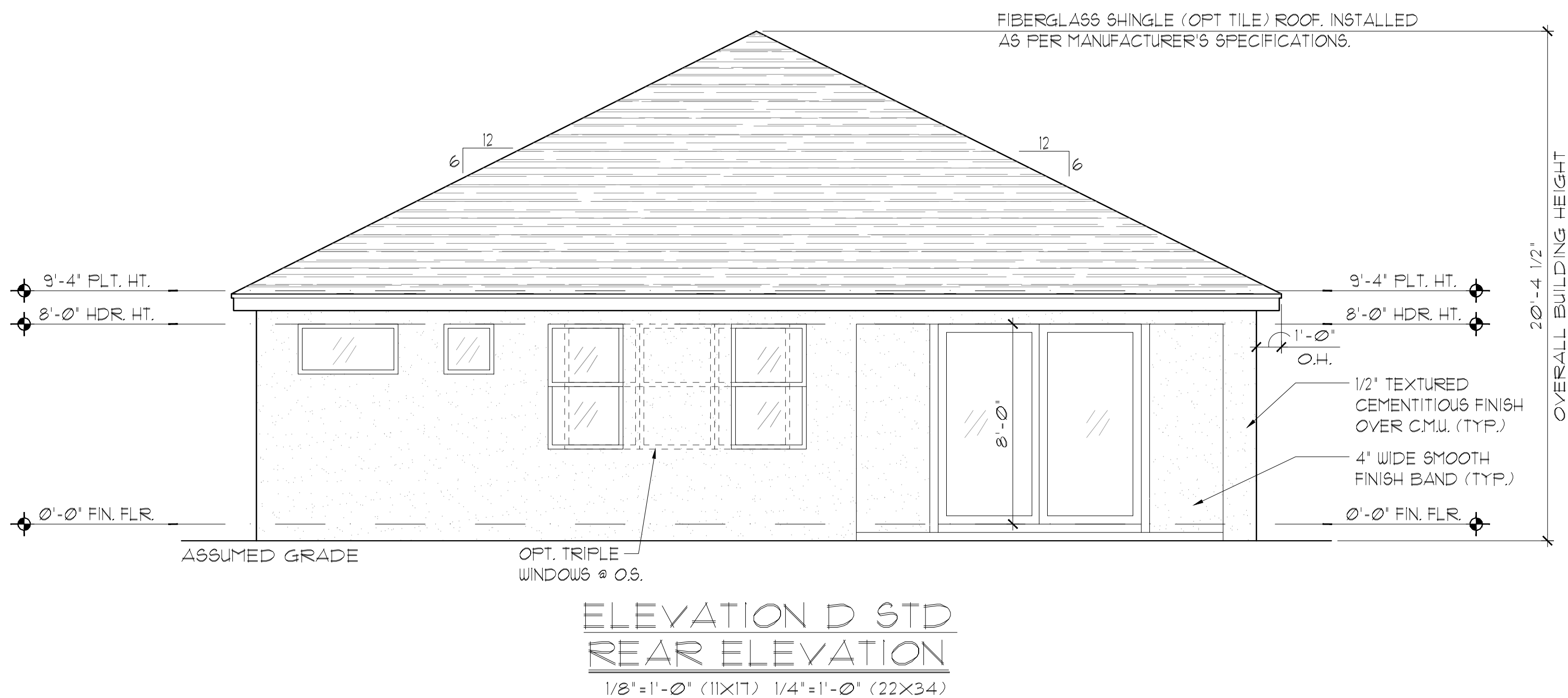
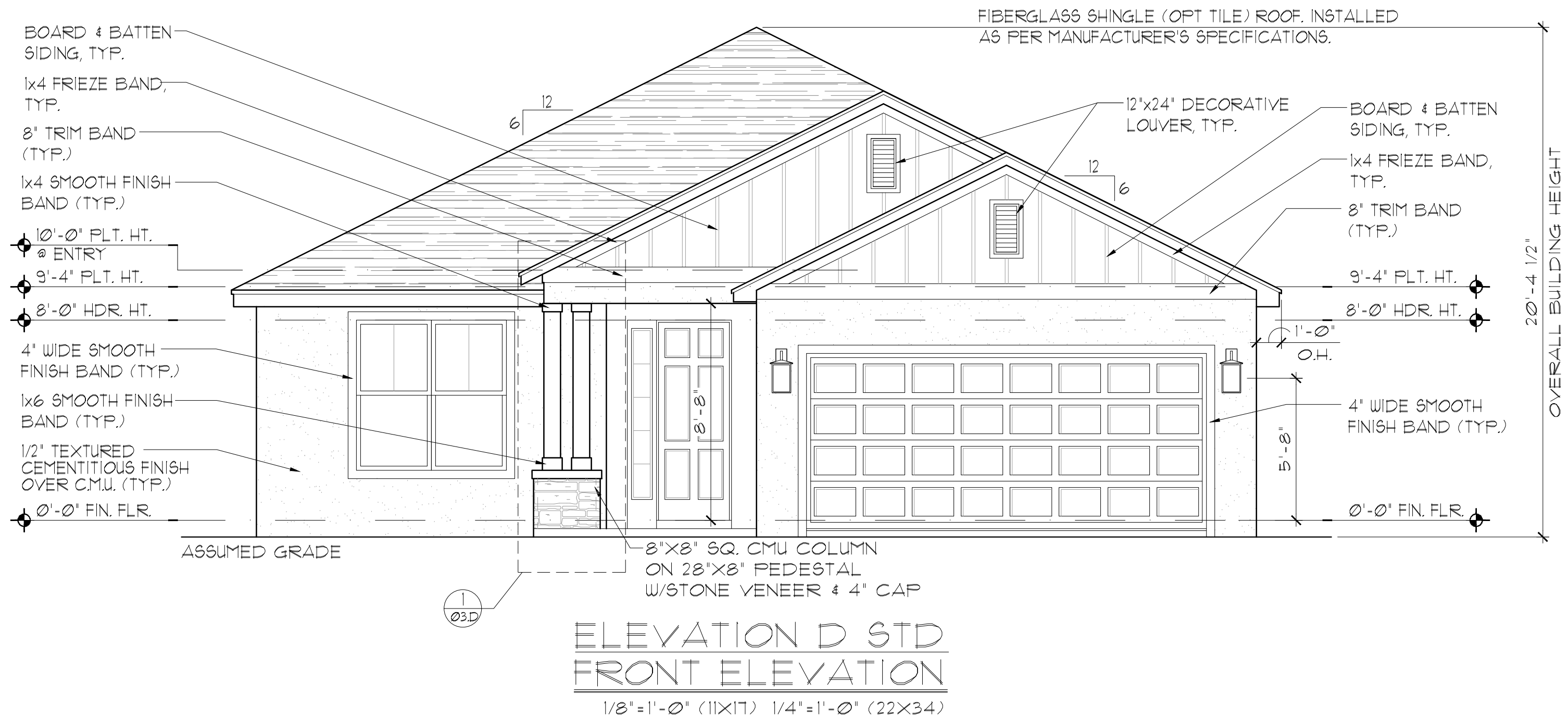
REVISIONS	
DELTA #	DATE

DATE: 07-23-24

SCALE: AS NOTED

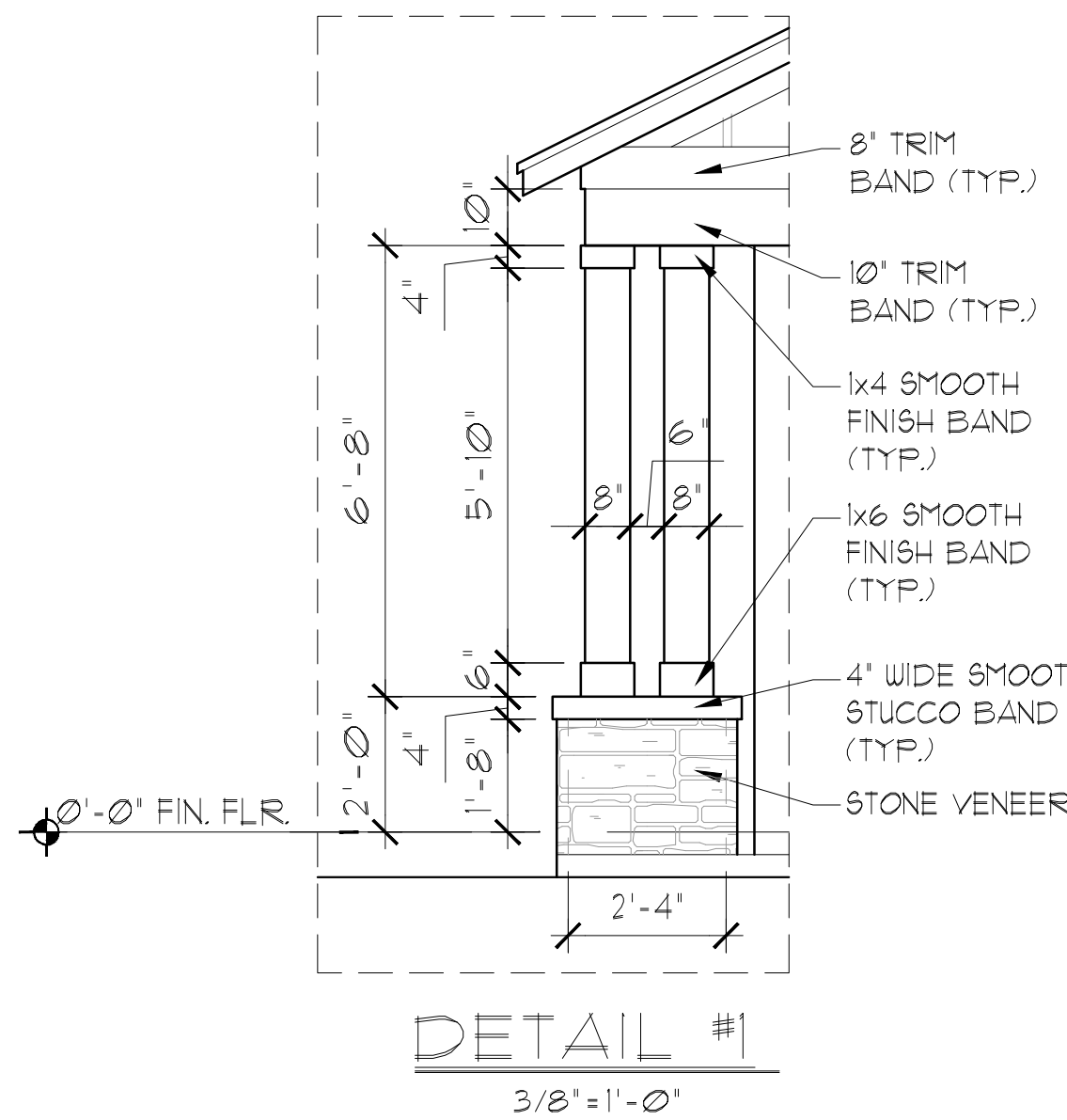
DRAWN: MR

SHEET: 03.3C



EXTERIOR FINISH NOTES

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



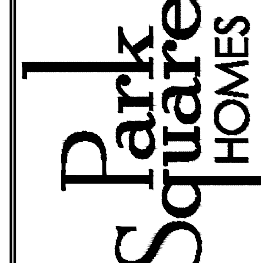
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EXTERIOR ELEVATION
FRONT AND REAR

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA # DATE

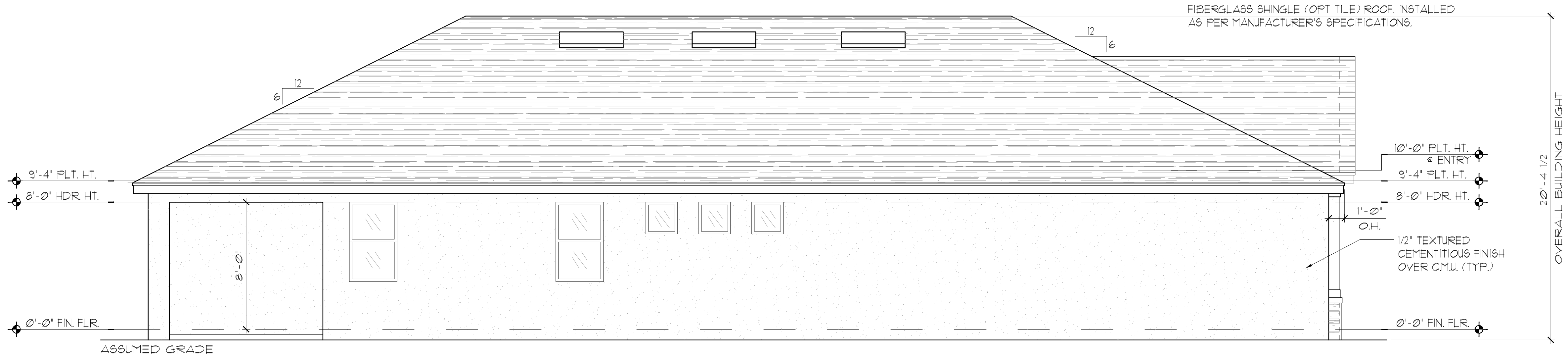
DATE: 07-23-24

SCALE: AS NOTED

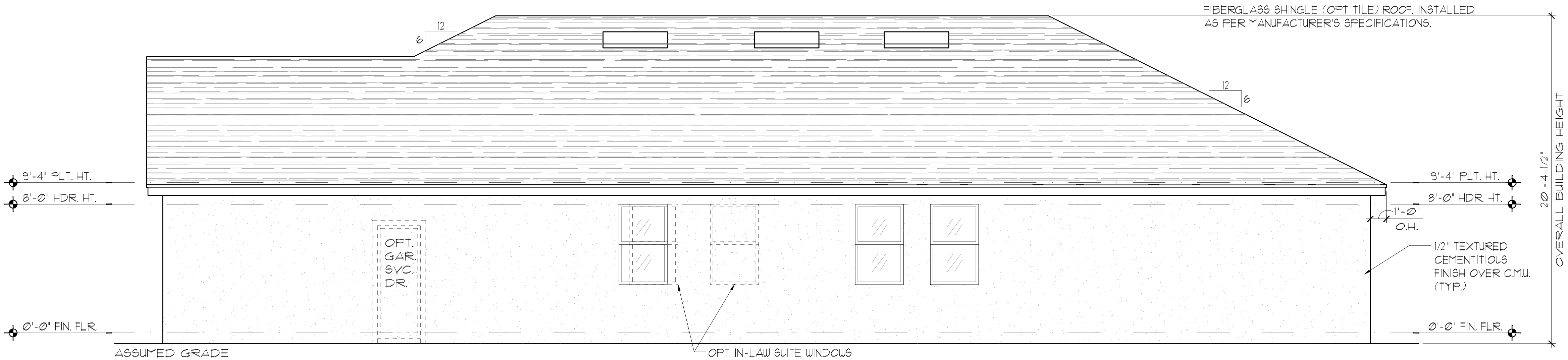
DRAWN: M/R

SHEET:

03.D



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



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

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

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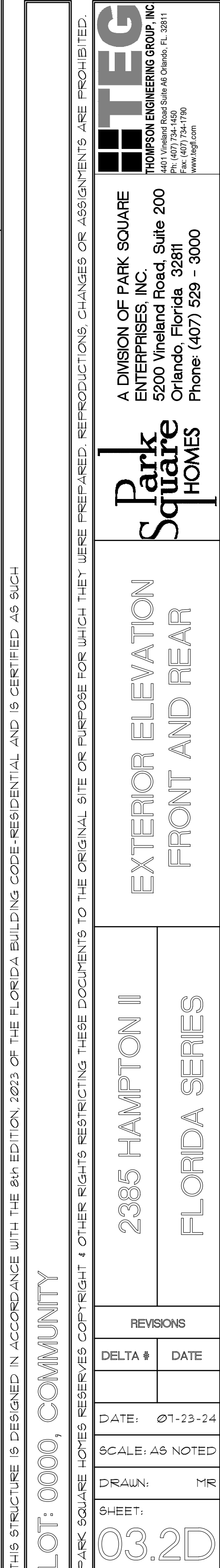
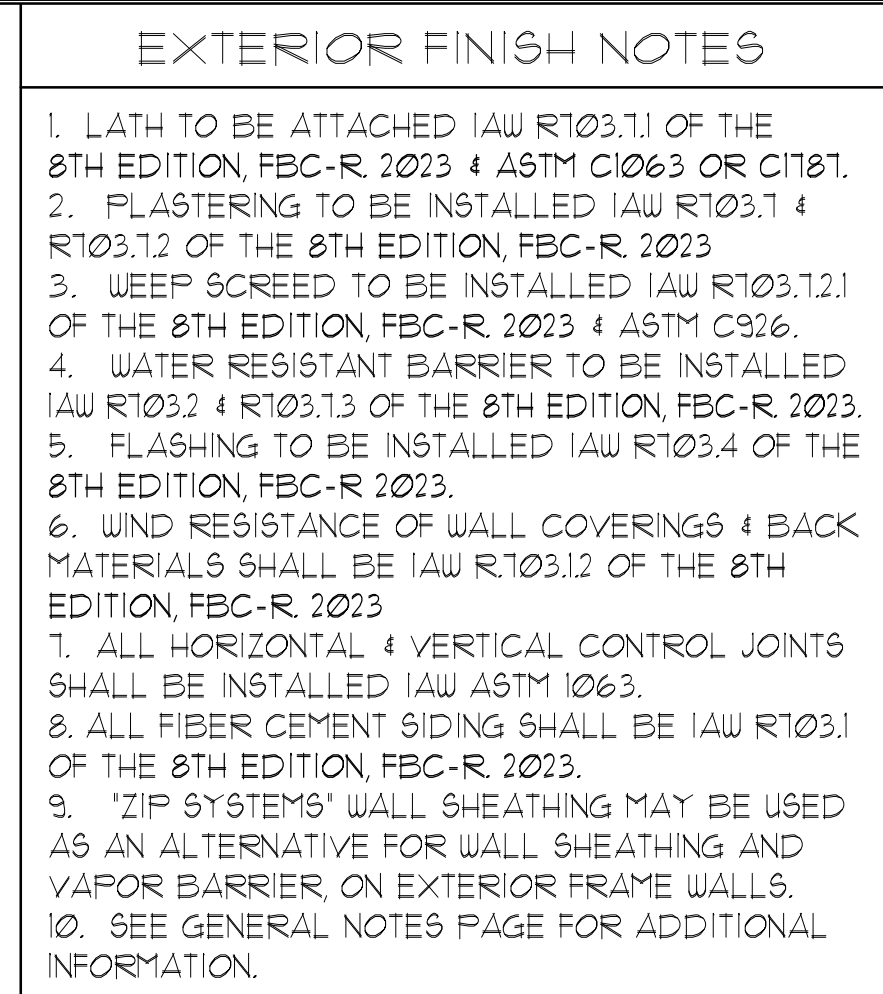
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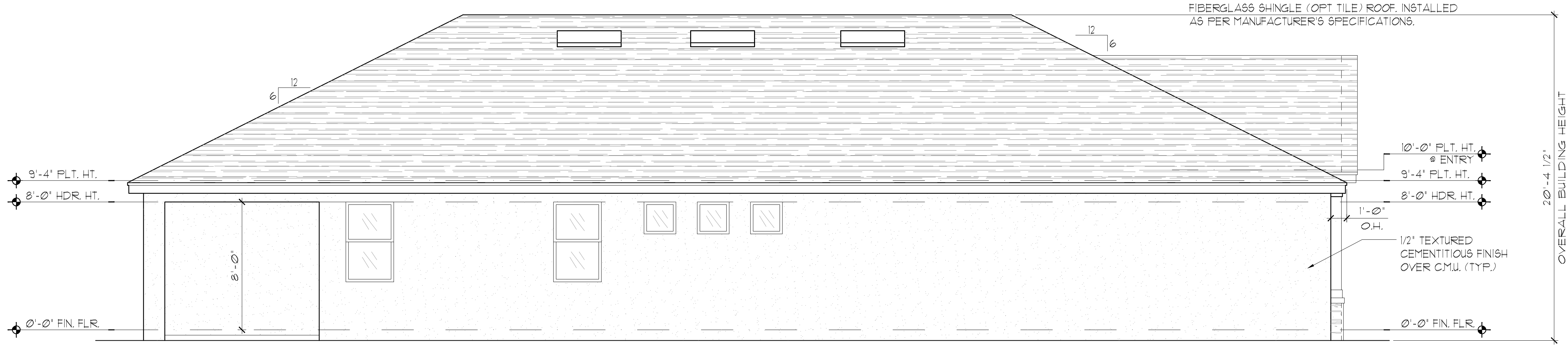
REVISIONS	
DELTA #	DATE
DATE: 07-23-24	
SCALE: AS NOTED	
DRAWN: MR	
SHEET: 03.1D	

EXTERIOR ELEVATION
LEFT AND RIGHT

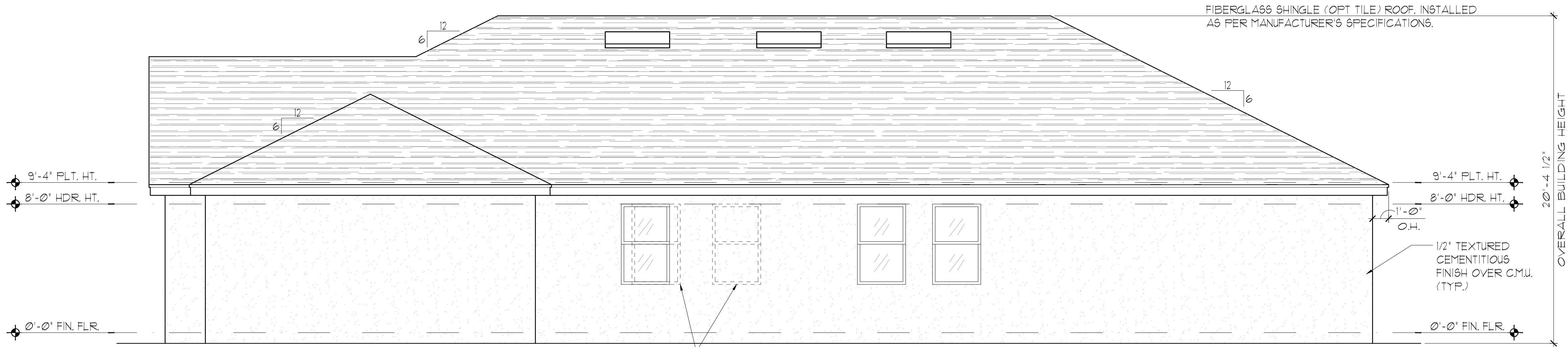
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ELEVATION D W/
3-CAR GARAGE
LEFT ELEVATION
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



ELEVATION D W/
3-CAR GARAGE
RIGHT ELEVATION
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

- EXTERIOR FINISH NOTES
1. LATH TO BE ATTACHED IAW R103.1.1 OF THE 8TH EDITION, FBC-R, 2023 & ASTM C1063 OR C1181.
 2. PLASTERING TO BE INSTALLED IAW R103.1 & R103.1.2 OF THE 8TH EDITION, FBC-R, 2023
 3. WEEP SCREED TO BE INSTALLED IAW R103.1.2.1 OF THE 8TH EDITION, FBC-R, 2023 & ASTM C926.
 4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.2 & R103.1.3 OF THE 8TH EDITION, FBC-R, 2023.
 5. FLASHING TO BE INSTALLED IAW R103.4 OF THE 8TH EDITION, FBC-R, 2023.
 6. WIND RESISTANCE OF WALL COVERINGS & BACK MATERIALS SHALL BE IAW R103.1.2 OF THE 8TH EDITION, FBC-R, 2023
 7. ALL HORIZONTAL & VERTICAL CONTROL JOINTS SHALL BE INSTALLED IAW ASTM 1063.
 8. ALL FIBER CEMENT SIDING SHALL BE IAW R103.1 OF THE 8TH EDITION, FBC-R, 2023.
 9. "ZIP SYSTEMS" WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR FRAME WALLS.
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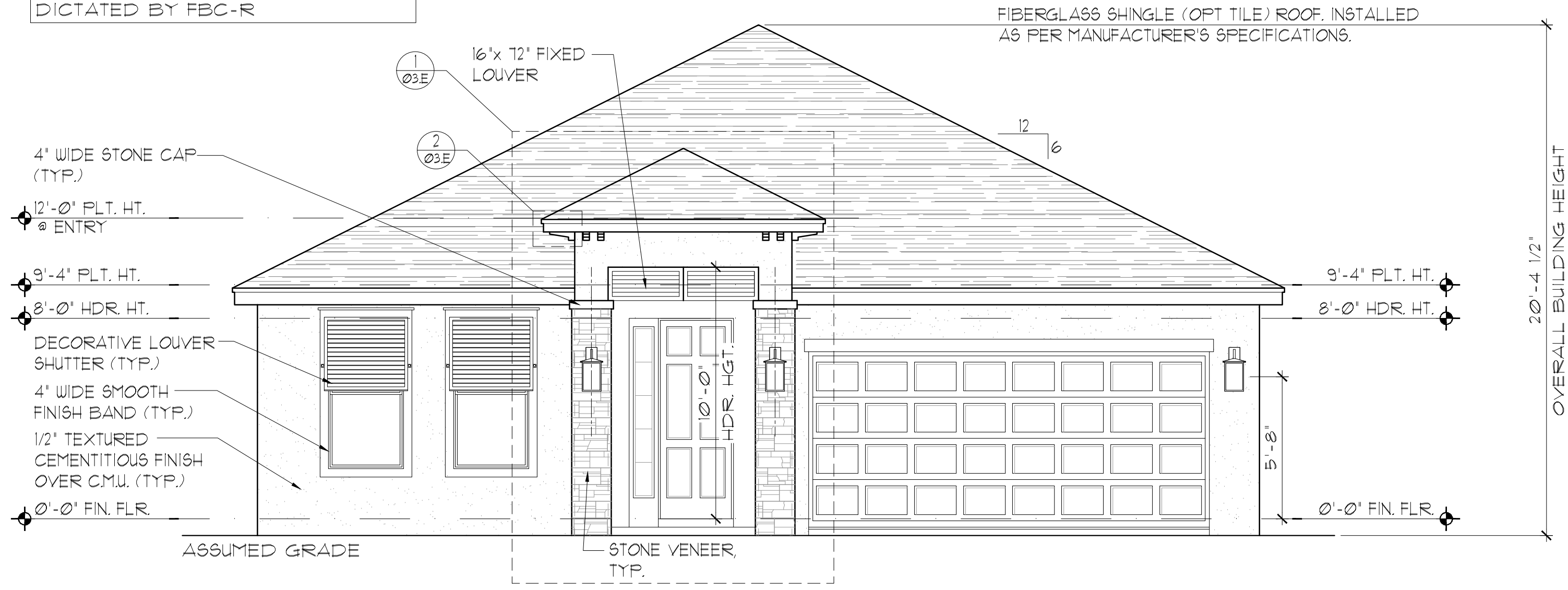
2385 HAMPTON II		REVISIONS	
FLORIDA SERIES		DELTA #	DATE
		DATE:	07-23-24
		SCALE:	AS NOTED
		DRAWN:	MR
		SHEET:	
			03.3D

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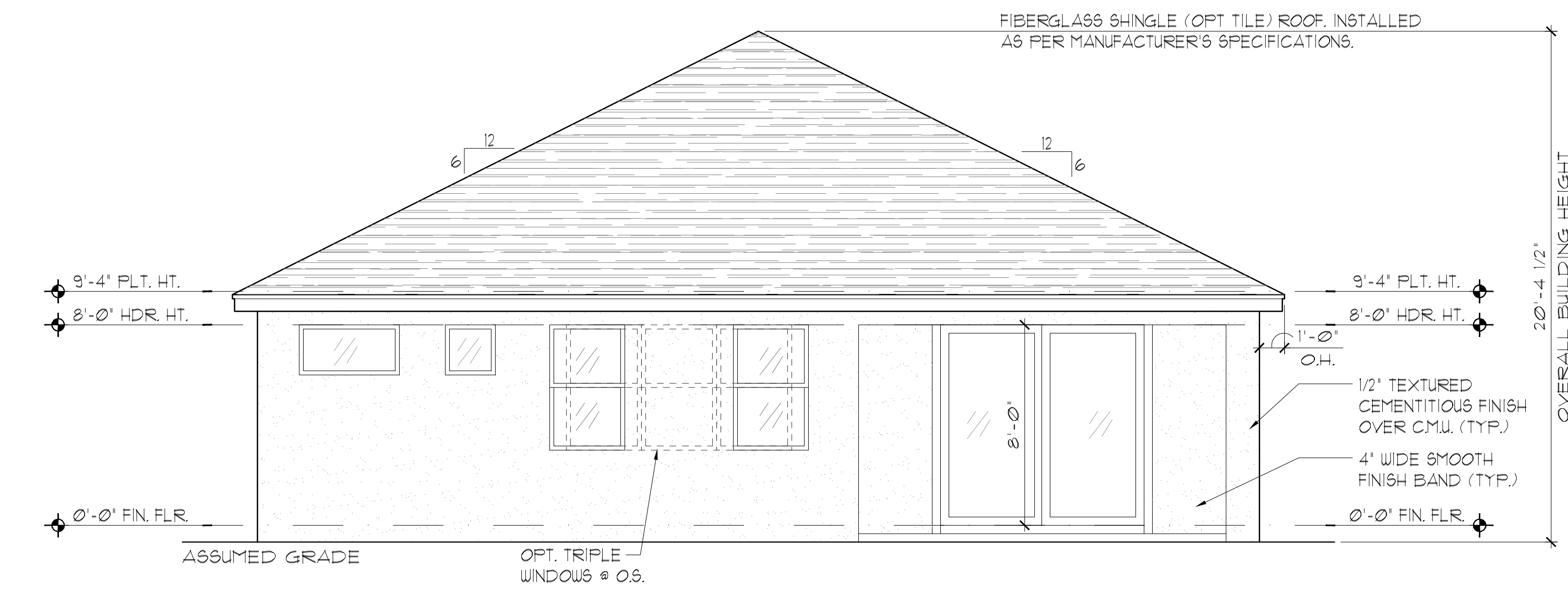
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Orlando, FL 32811
PH: (407) 734-1700
WWW.TEG.COM

NOTE: WINDOWS WITH BAHAMA DECO LOUVER STYLE SHUTTERS ARE TO HAVE IMPACT RATED GLAZING IN COMMUNITIES THAT REQUIRE WIND BOURNE DEBRIS PROTECTION DICTATED BY FBC-R



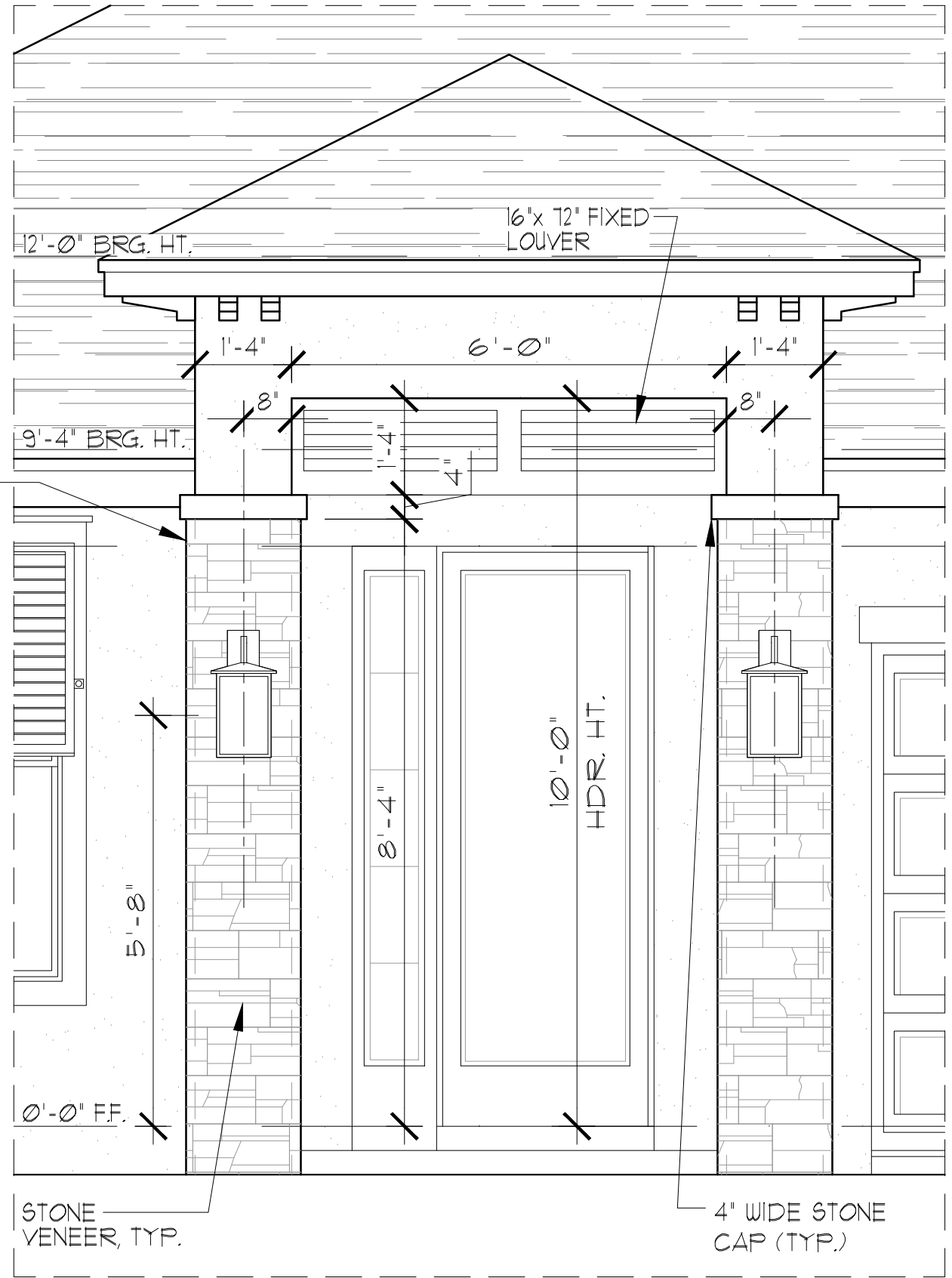
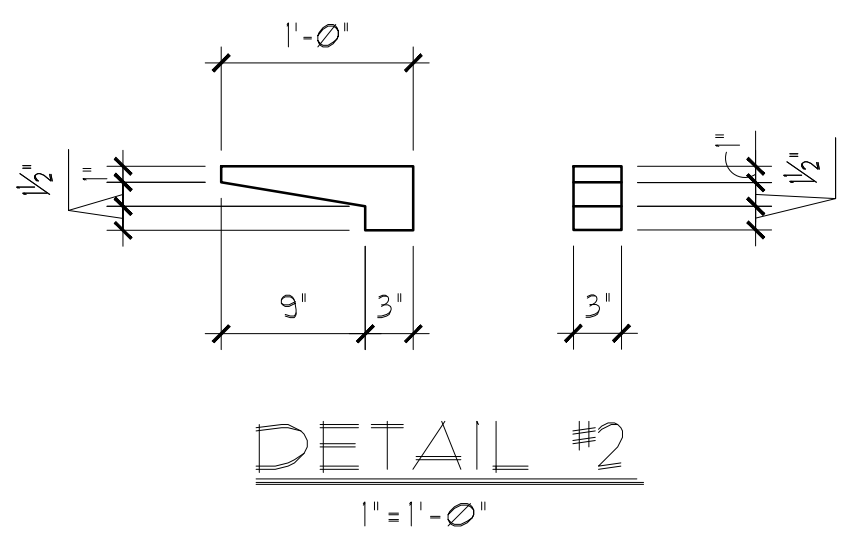
ELEVATION E STD
FRONT ELEVATION
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)



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

EXTERIOR FINISH NOTES

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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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10. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFORMATION.



DETAIL #1
1/2"=1'-0"

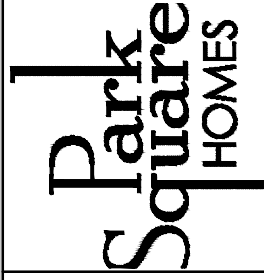
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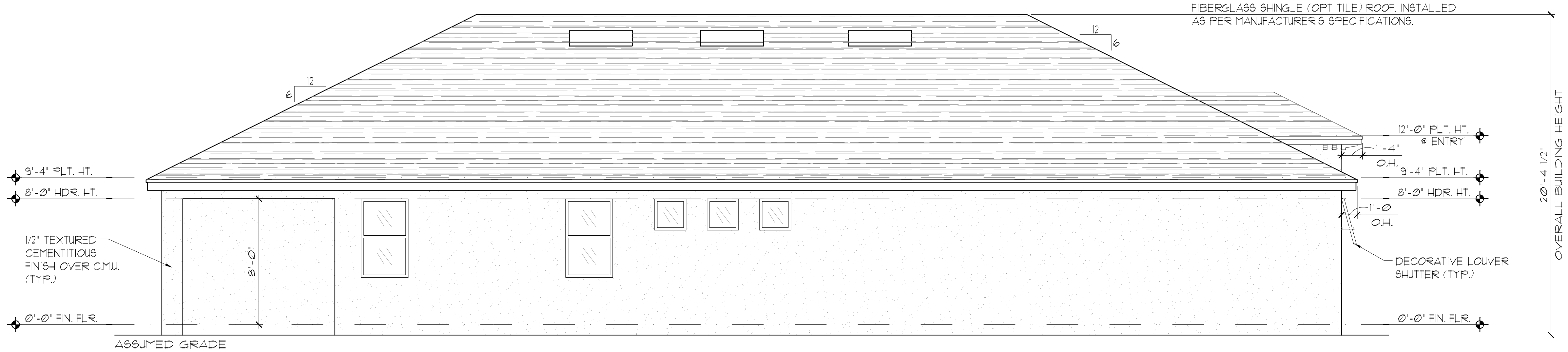
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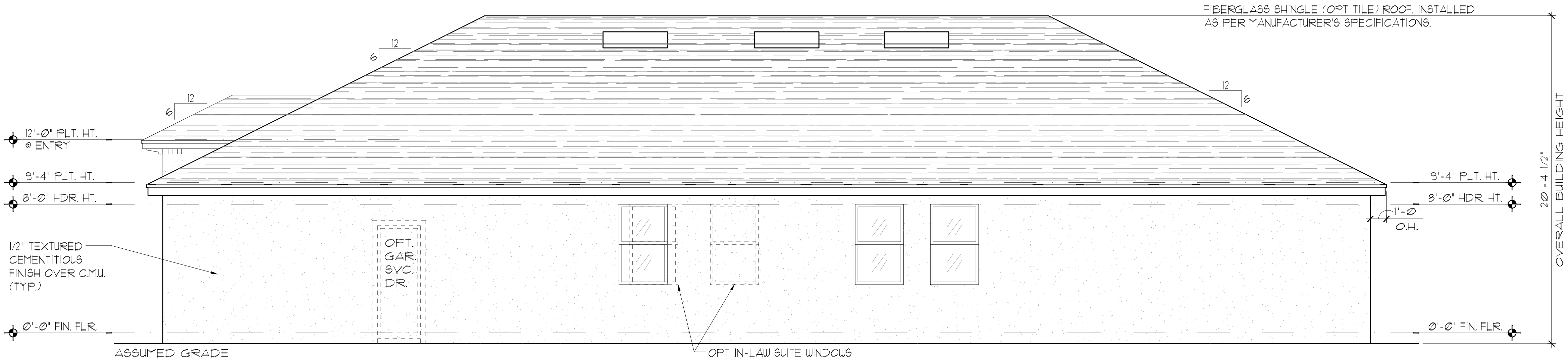
EXTERIOR ELEVATION
FRONT AND REAR

2385 HAMPTON II
FLORIDA SERIES

REVISIONS	
DELTA #	DATE
DATE:	07-23-24
SCALE:	AS NOTED
DRAWN:	MYR
SHEET:	03.E



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



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

EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R103.1.1 OF THE 8TH EDITION, FBC-R, 2023 & ASTM C1063 OR C1181.
2. PLASTERING TO BE INSTALLED IAW R103.1 & R103.1.2 OF THE 8TH EDITION, FBC-R, 2023
3. WEEP SCREED TO BE INSTALLED IAW R103.1.2.1 OF THE 8TH EDITION, FBC-R, 2023 & ASTM C926.
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.2 & R103.1.3 OF THE 8TH EDITION, FBC-R, 2023.
5. FLASHING TO BE INSTALLED IAW R103.4 OF THE 8TH EDITION, FBC-R, 2023.
6. WIND RESISTANCE OF WALL COVERINGS & BACK MATERIALS SHALL BE IAW R103.1.2 OF THE 8TH EDITION, FBC-R, 2023
7. ALL HORIZONTAL & VERTICAL CONTROL JOINTS SHALL BE INSTALLED IAW ASTM 1063.
8. ALL FIBER CEMENT SIDING SHALL BE IAW R103.1 OF THE 8TH EDITION, FBC-R, 2023.
9. "ZIP SYSTEMS" WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR FRAME WALLS.
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2385 HAMPTON II		REVISIONS	
FLORIDA SERIES		DELTA #	DATE
		DATE:	07-23-24
		SCALE:	AS NOTED
		DRAWN:	MR
		SHEET:	
		03.1E	

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Orlando, Florida 32811

Phone: (407) 529 - 3000

Architectural elevation drawing of a single-story house. The drawing includes the following annotations:

- Roof:** 16" x 12" FIXED LOUVER (pointing to the roof ridge).
- Roofing:** FIBERGLASS SHINGLE (TOP TILE) ROOF, INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS.
- Exterior Features:**
 - 4" WIDE STONE CAP (TYP.)
 - 12'-0" PLT. HT. @ ENTRY
 - 9'-4" PLT. HT.
 - 8'-0" HDR. HT.
 - DECORATIVE LOUVER SHUTTER (TYP.)
 - 4" WIDE SMOOTH FINISH BAND (TYP.)
 - 1/2" TEXTURED CEMENTITIOUS FINISH OVER CMU. (TYP.)
 - 0'-0" FIN. FLR.
 - STONE VENEER, TYP.
 - 8' WIDE SMOOTH FINISH BAND (TYP.)
 - 9'-4" PLT. HT.
 - 8'-0" HDR. HT.
 - 1'-0" O.H.
 - 5'-6"
 - 0'-0" FIN. FLR.
- Dimensions:**
 - 12/6 (roof pitch)
 - 20'-4 1/2" (OVERALL BUILDING HEIGHT)
- Other:** ASSUMED GRADE

20'-4 1/2"

OVERALL BUILDING HEIGHT

9'-4" PLT. HT.

8'-0" HDR. HT.

0'-0" FIN. FLR.

ASSUMED GRADE

12 6

12 6

FIBERGLASS SHINGLE (OPT TILE) ROOF, INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS.

6'-8"

OPT. GAR. SVC. DR.

6'-0"

OPT. TRIPLE WINDOWS @ O.S.

8'-0"

9'-4" PLT. HT.

8'-0" HDR. HT.

0'-0" FIN. FLR.

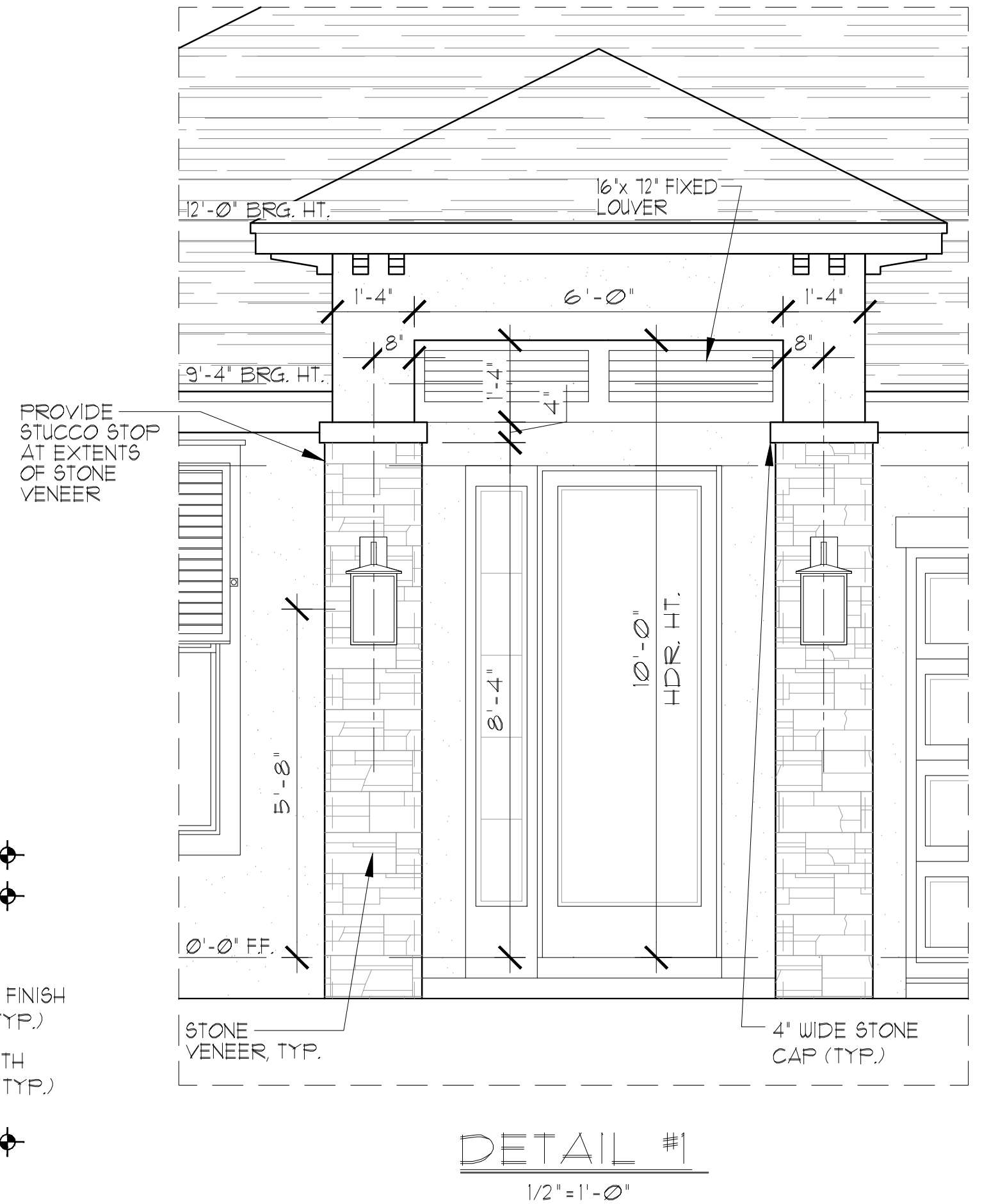
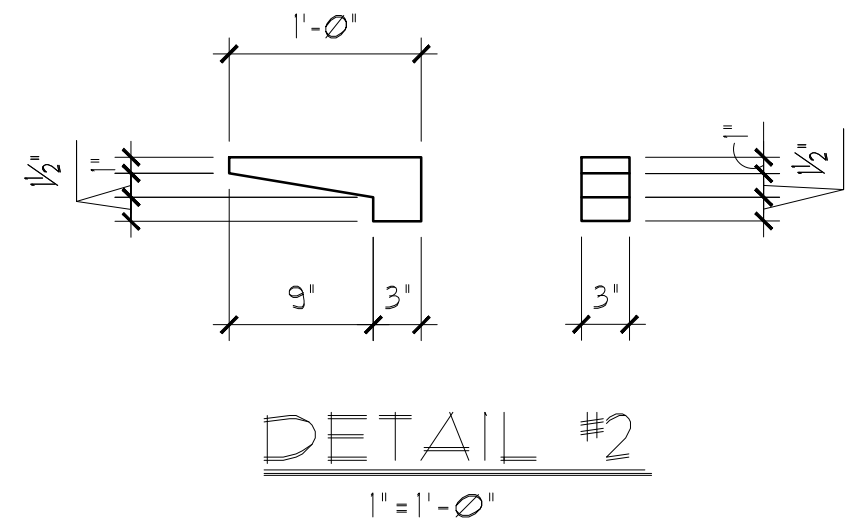
1'-0" O.H.

1/2" TEXTURED CEMENTITIOUS FINISH OVER CMU. (TYP.)

4" WIDE SMOOTH FINISH BAND (TYP.)

EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R103.1 OF THE 8TH EDITION, FBC-R 2023 & ASTM C1063 OR C1071.
2. FLASHING 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.
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Park
Square
HOMES

EXTERIOR ELEVATION
FRONT AND REAR

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA 	DATE
0.00	1/1/2020
0.01	1/1/2020
0.02	1/1/2020
0.03	1/1/2020
0.04	1/1/2020
0.05	1/1/2020
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0.09	1/1/2020
0.10	1/1/2020
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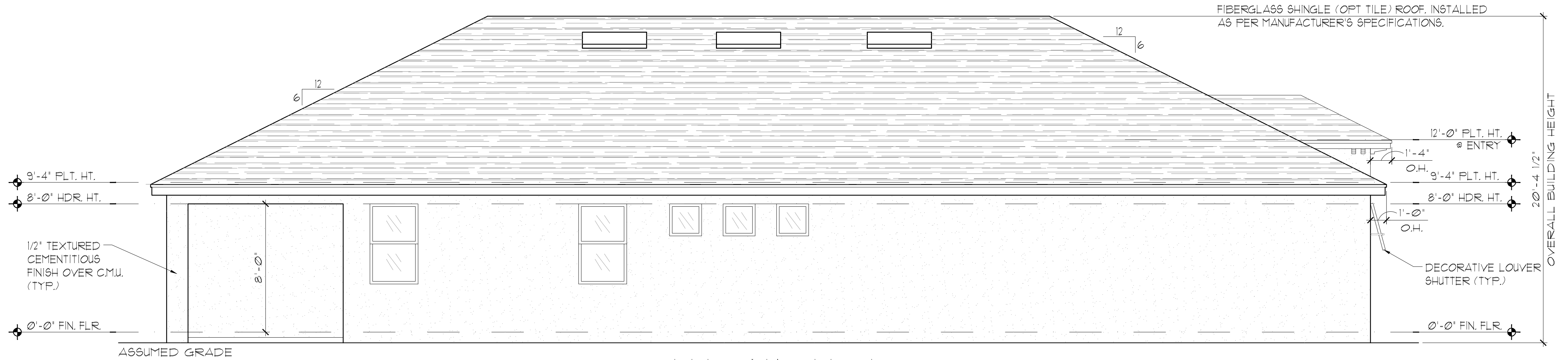
DATE: 07-23-24

SCALE: AS NOTED

DRAWN: MK

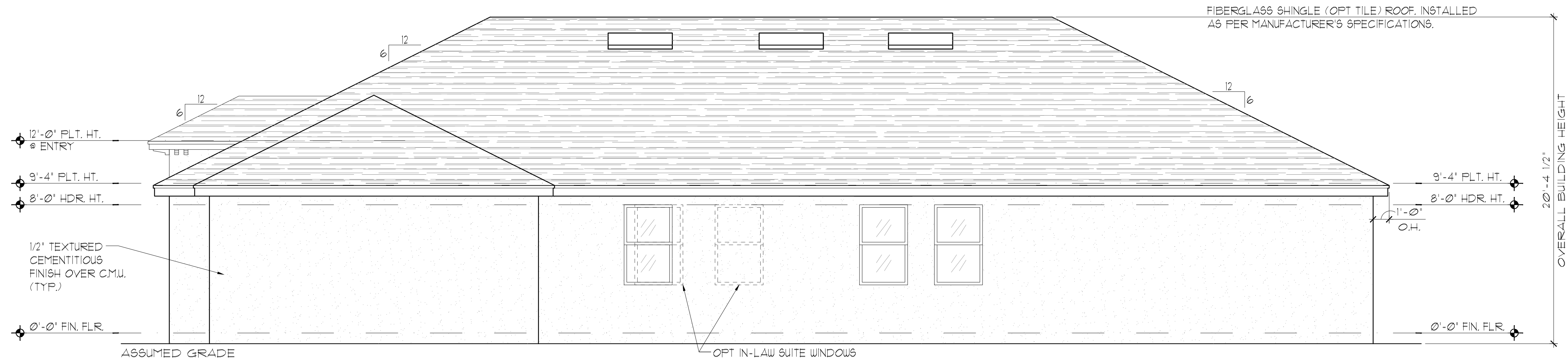
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03.2E



ELEVATION E W/
3-CAR GARAGE
LEFT ELEVATION

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



ELEVATION E W/
3-CAR GARAGE
RIGHT ELEVATION

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

EXTERIOR FINISH NOTES

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

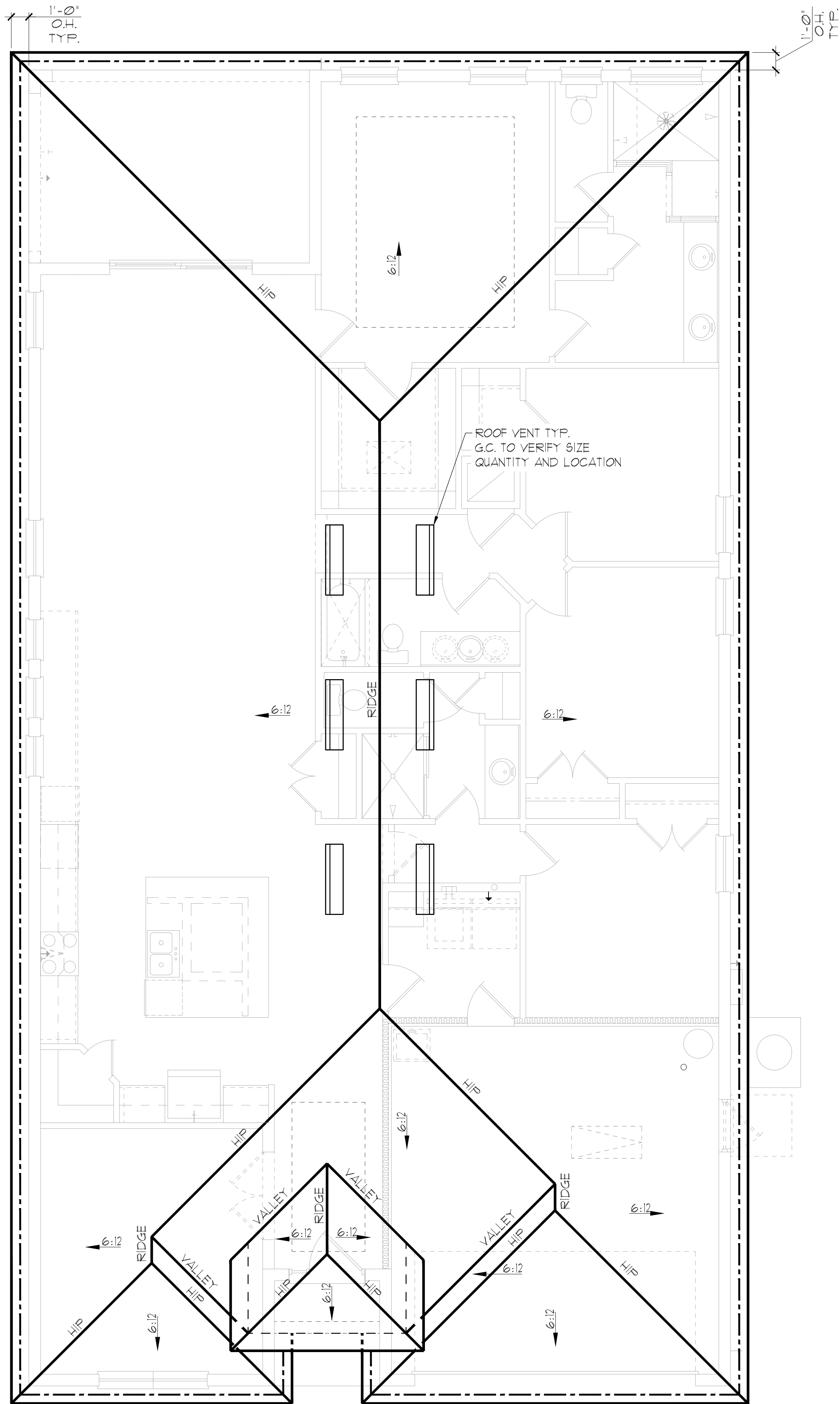
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DELTA #	DATE				
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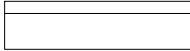
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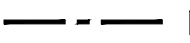
CALCULATIONS BELOW ARE BASED OFF OF THE FOLLOWING ASSUMPTIONS:

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- MM1-2	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 = 2,382 SQ. FT x 144 / 300 = 513-116 SQ. IN. REQUIRED (40%-50%)

(1) OFF RIDGE VENTS @ 915 SQ. IN. (O'HAGIN- MODEL 'S') = 683 SQ. IN. PROVIDED

(MILLENNIUM METALS- MM1-2)
NFVA = 2,382 SQ. FT x 144 / 300 = 513-116 SQ. IN. REQUIRED (40%-50%)

(8) OFF RIDGE VENTS @ 805 SQ. IN. (MILLENNIUM METALS- MM1-2) = 644 SQ. IN. PROVIDED

(LOMANCO-T10D)
NFVA = 2,382 SQ. FT x 144 / 300 = 513-116 SQ. IN. REQUIRED (40%-50%)

(5) OFF RIDGE VENTS @ 140 SQ. IN. (LOMANCO-T10D) = 100 SQ. IN. PROVIDED

4/- 200 LINEAR FEET OF VENTED SOFFIT.

ELEVATION A STD
ROOF PLAN

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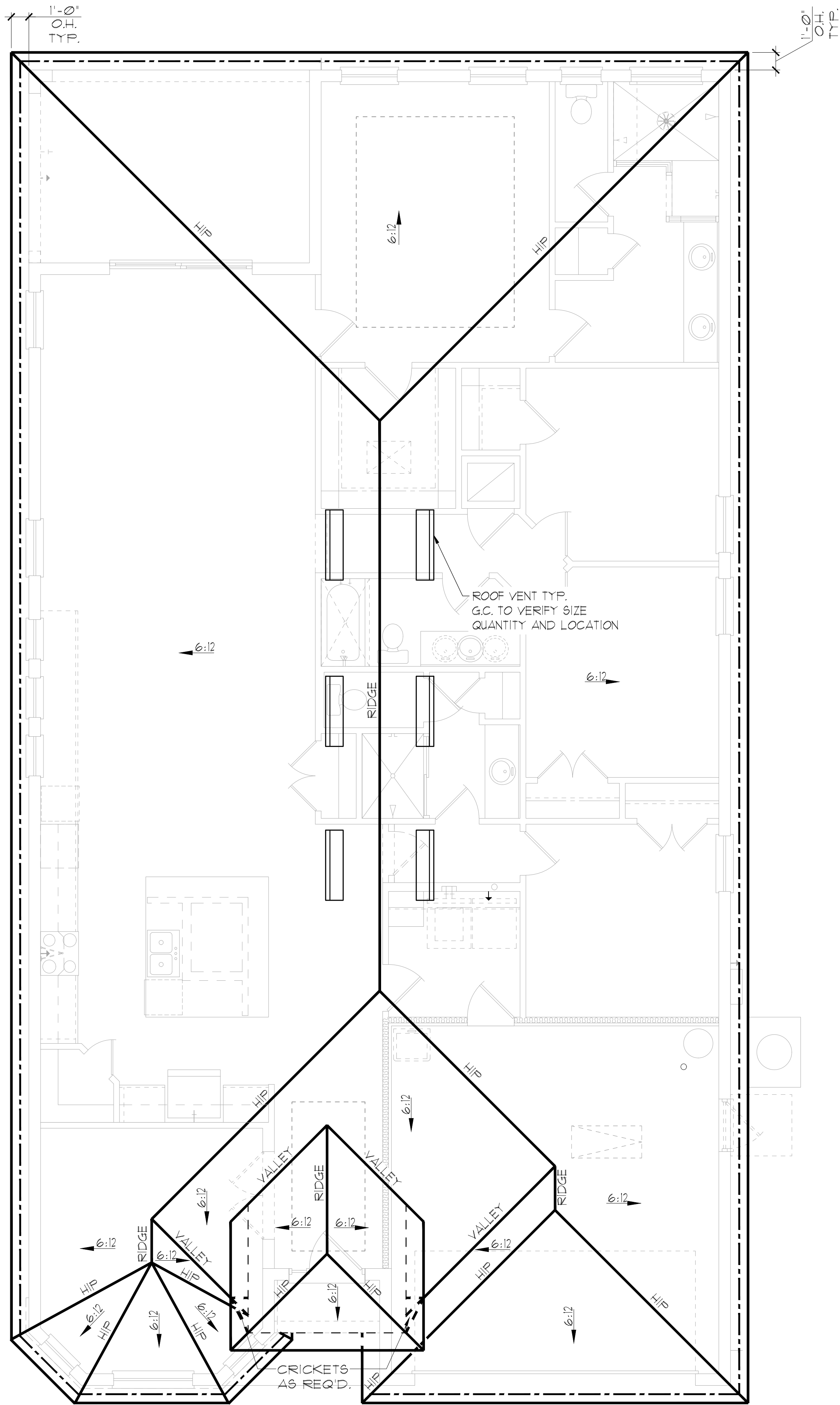
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NFVA = 2,914 SQ. FT. / 144 / 300 = 511-114 SQ. IN. REQUIRED (40%-50%)

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ELEVATION B STD
ROOF PLAN

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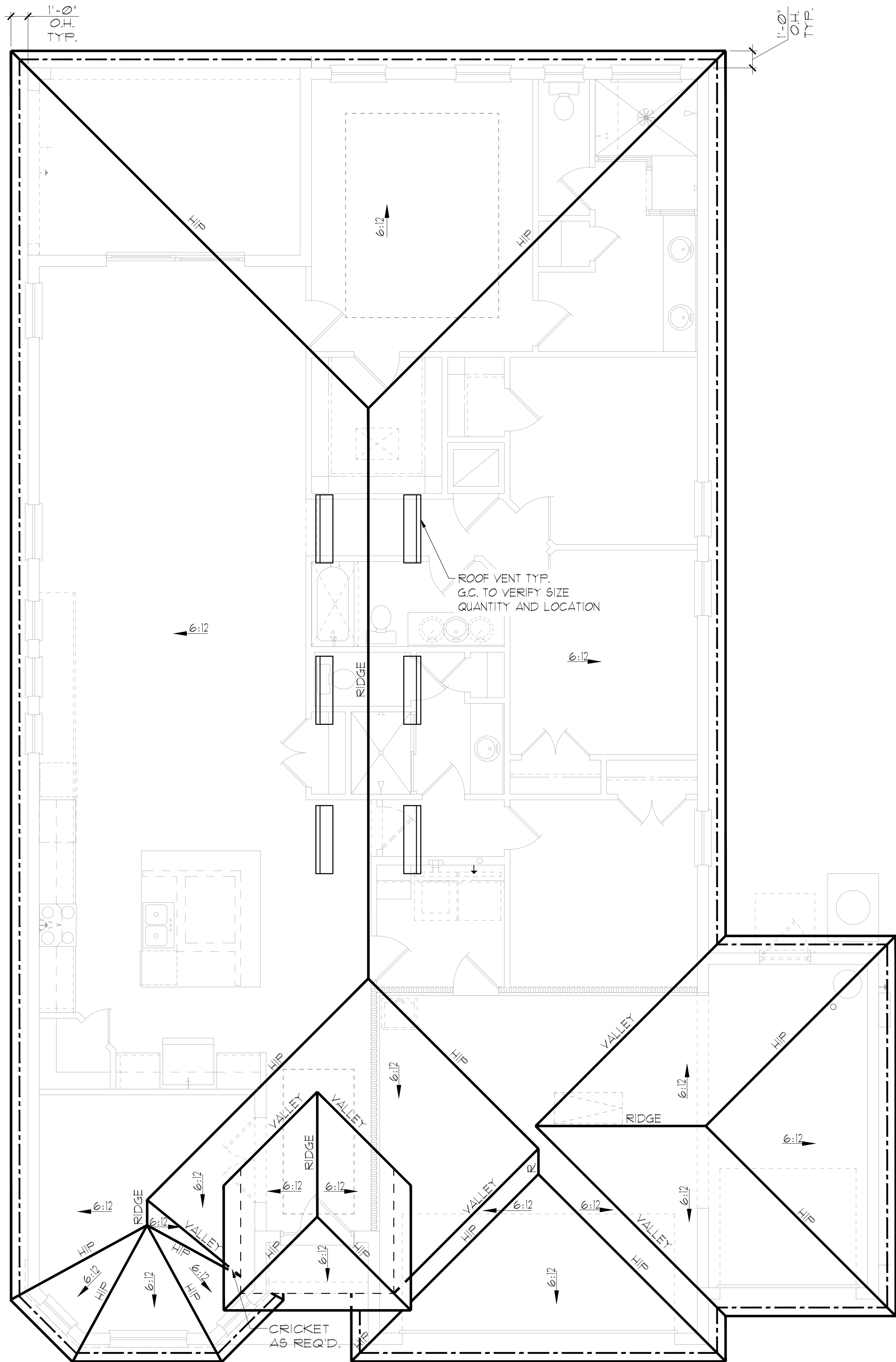
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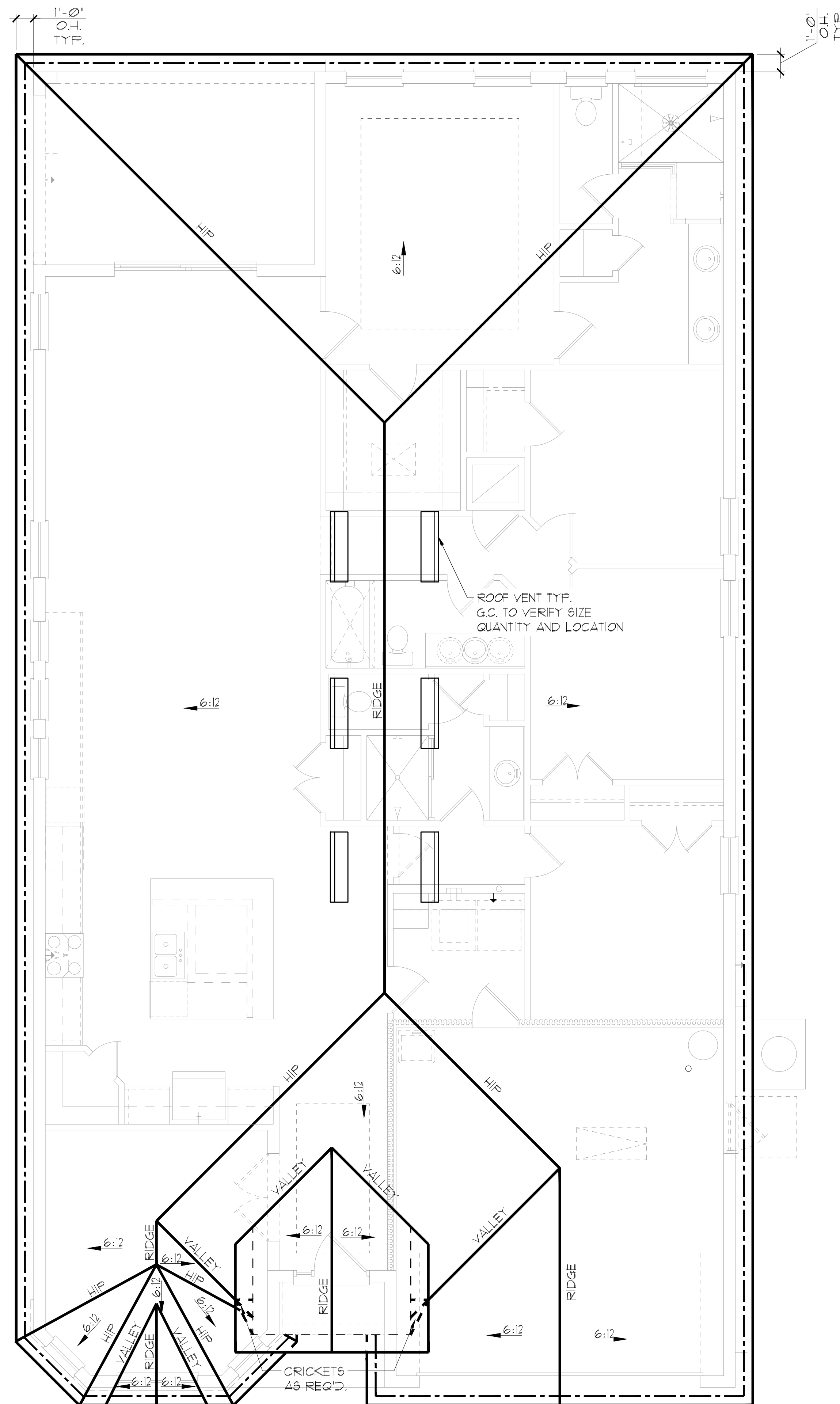
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TILE: O'HAGIN- MODEL-"S": 97.5 SQ. INCHES PER VENT INSTALLED

SHINGLE: MILLENNIUM METALS-MMI-2=	80.5 SQ. INCHES PER VENT INSTALLED
LOMANCO-110D =	140 SQ. INCHES PER VENT INSTALLED

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— - — INDICATES POSSIBLE LOCATION OF SOFFIT VENTING

ATTIC VENTILATION CALCULATIONS

NET FREE VENTILATED AREA(S):

(O'HAGIN- MODEL 'S')
 NFVA = 2,974 SQ. FT. * 144 / 300 = 571-714 SQ. IN. REQUIRED (40%-50%)

(7) OFF RIDGE VENTS @ 97.5 SQ. IN. (O'HAGIN- MODEL "S") = 683 SQ. IN. PROVIDED

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(5) OFF RIDGE VENTS @ 140 SQ. IN. (LOMANCO-770D) = 100 SQ. IN. PROVIDED

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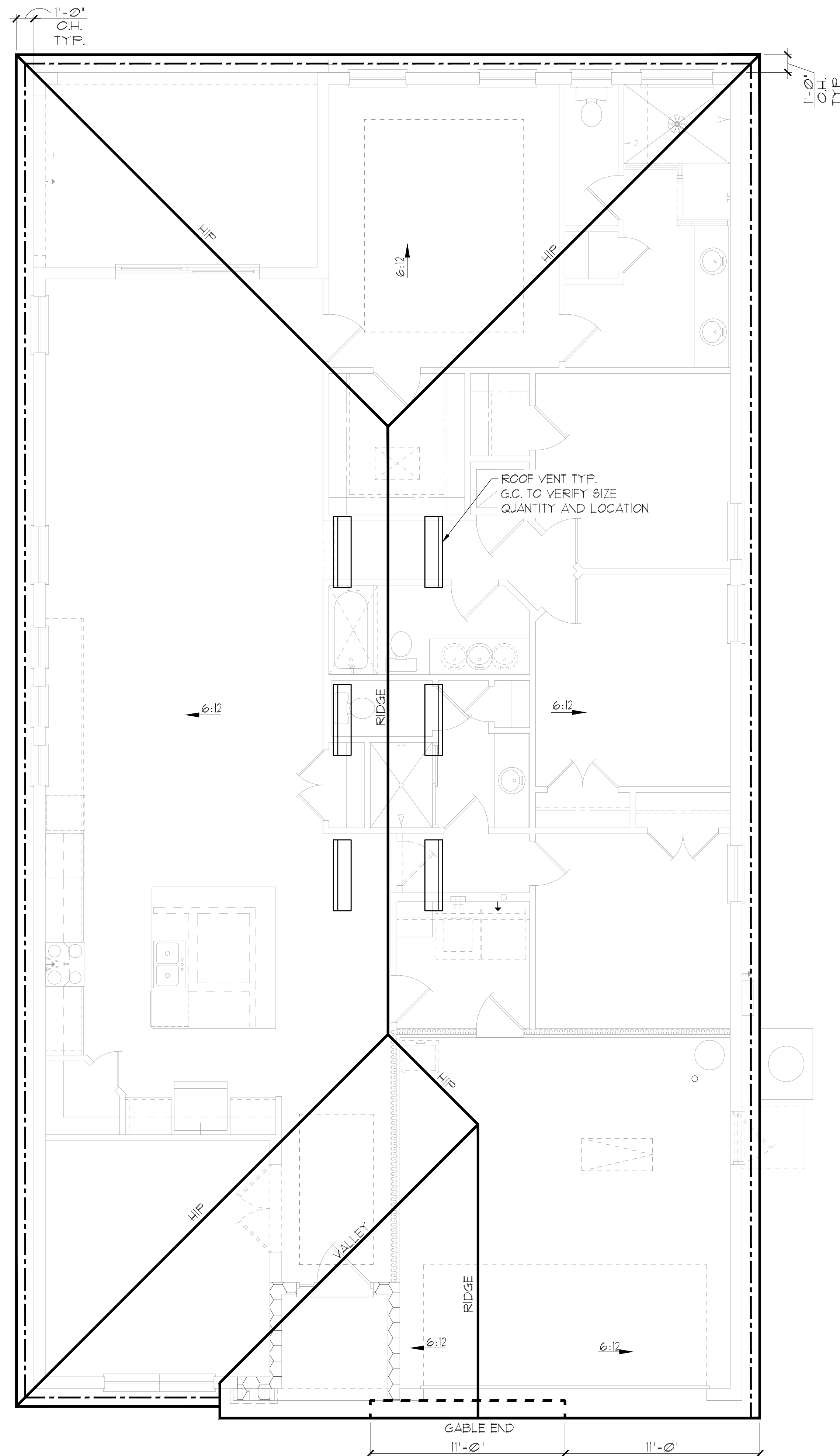
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3. VENTILATION OPENINGS SHALL HAVE A LEAST DIMENSIONS OF 1/16" MIN. AND 1/4" MAX. VENTILATION OPENINGS HAVING A LEAST DIMENSION GREATER THAN 1/4" SHALL BE PROVIDED WITH AN APPROVED CORROSION PROTECTIVE COVER HAVING A LEAST DIMENSIONS OF 1/16" AND 1/4" 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": 97.5 SQ. INCHES PER VENT INSTALLED

SHINGLE: MILLENNIUM METALS-MMI-2= 80.5 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')
 $NFVA = 2,993 \text{ SQ. FT} \times 144 / 300 = 575-718 \text{ SQ. IN. REQUIRED (40\%-50\%)}$

(7) OFF RIDGE VENTS @ 97.5 SQ. IN. (O'HAGIN- MODEL 'S') = 683 SQ. IN. PROVIDED

(MILLENNIUM METALS- MMI-2)
 NFVA = 2,993 SQ. FT * 144 / 300 = 575-718 SQ. IN. REQUIRED (40%-50%)

(8) OFF RIDGE VENTS @ 80.5 SQ. IN. (MILLENNIUM METALS- MMI-2) = 644 SQ. IN. PROVIDED

(LOMANCO-TTOD)
 NFVA = 2,993 SQ. FT * 144 / 300 = 575-718 SQ. IN. REQUIRED (40%-50%)

(5) OFF RIDGE VENTS @ 140 SQ. IN. (LOMANCO-770D) = 100 SQ. IN. PROVIDED

+/- 200 LINEAR FEET OF VENTED SOFFIT.

ELEVATION D STD
ROOF PLAN

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

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

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2385 HAMPTON III

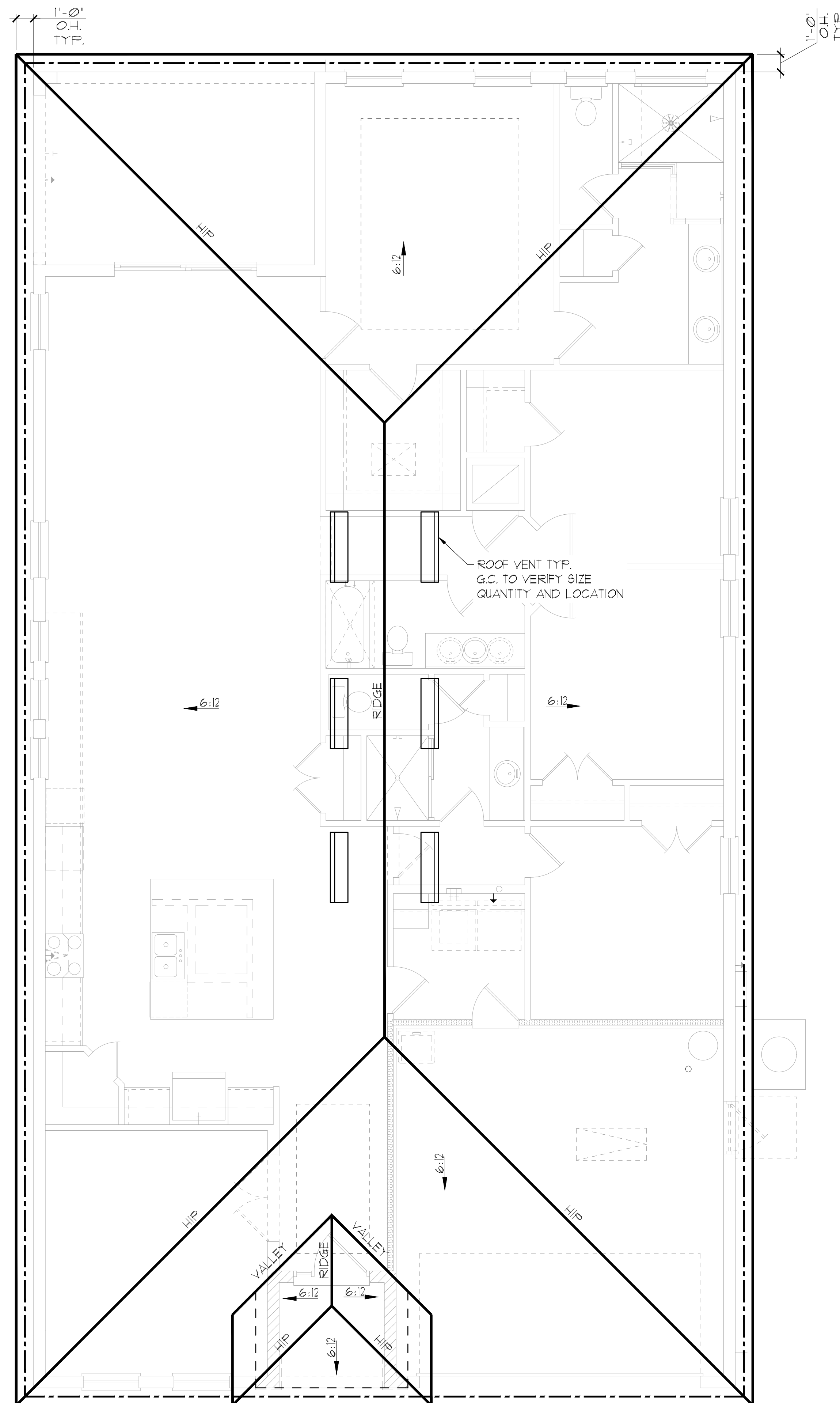
ROOF PLAN

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DELTA #	DATE
DATE: 07-23-24	
SCALE: AS NOTED	
DRAWN: MR	
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GENERAL NOTES

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

1. PLAN SHOWS APPROXIMATE VENT LOCATIONS AND STILL REQUIRES REVIEW BY THE BUILDER/G.C. TO VERIFY ALL VENTING COMPONENTS ARE INSTALLED PER THE MIN. REQUIREMENTS AS STATED IN THE CURRENT EDITION OF THE FBC(R) SECTION R306 AND ALL SUBSEQUENT SUB-SECTIONS.
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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": 97.5 SQ. INCHES PER VENT INSTALLED

SHINGLE: MILLENNIUM METALS-MMI-2=	80.5 SQ. INCHES PER VENT INSTALLED
LOMANCO-110D =	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')
 $NFVA = 3,000 \text{ SQ. FT} \cdot 144 / 300 = 576-720 \text{ SQ. IN. REQUIRED (40\%-50\%)}$

(7) OFF RIDGE VENTS @ 97.5 SQ. IN. (O'HAGIN- MODEL 'S') = 683 SQ. IN. PROVIDED

(MILLENNIUM METALS- MMI-2)
 NFVA = 3,000 SQ. FT * 144 / 300 = 576-720 SQ. IN. REQUIRED (40%-50%)

(8) OFF RIDGE VENTS @ 80.5 SQ. IN. (MILLENNIUM METALS- MMI-2) = 644 SQ. IN. PROVIDED

(LOMANCO-770D)

$$NFVA = 2,974 \text{ SQ. FT} \times 144 / 300 = 576\text{-}720 \text{ SQ. IN. REQUIRED (40\%-50\%)}$$

(5) OFF RIDGE VENTS @ 140 SQ. IN. (LOMANCO-770D) = 100 SQ. IN. PROVIDED

+/- 200 LINEAR FEET OF VENTED SOFFIT.

ELEVATION E STD
ROOF PLAN

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

[illegible]

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FLORIDA SERIES

ROOF PLAN

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Square
HOMES**

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www.tegfi.com

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DATE: 07-23-2

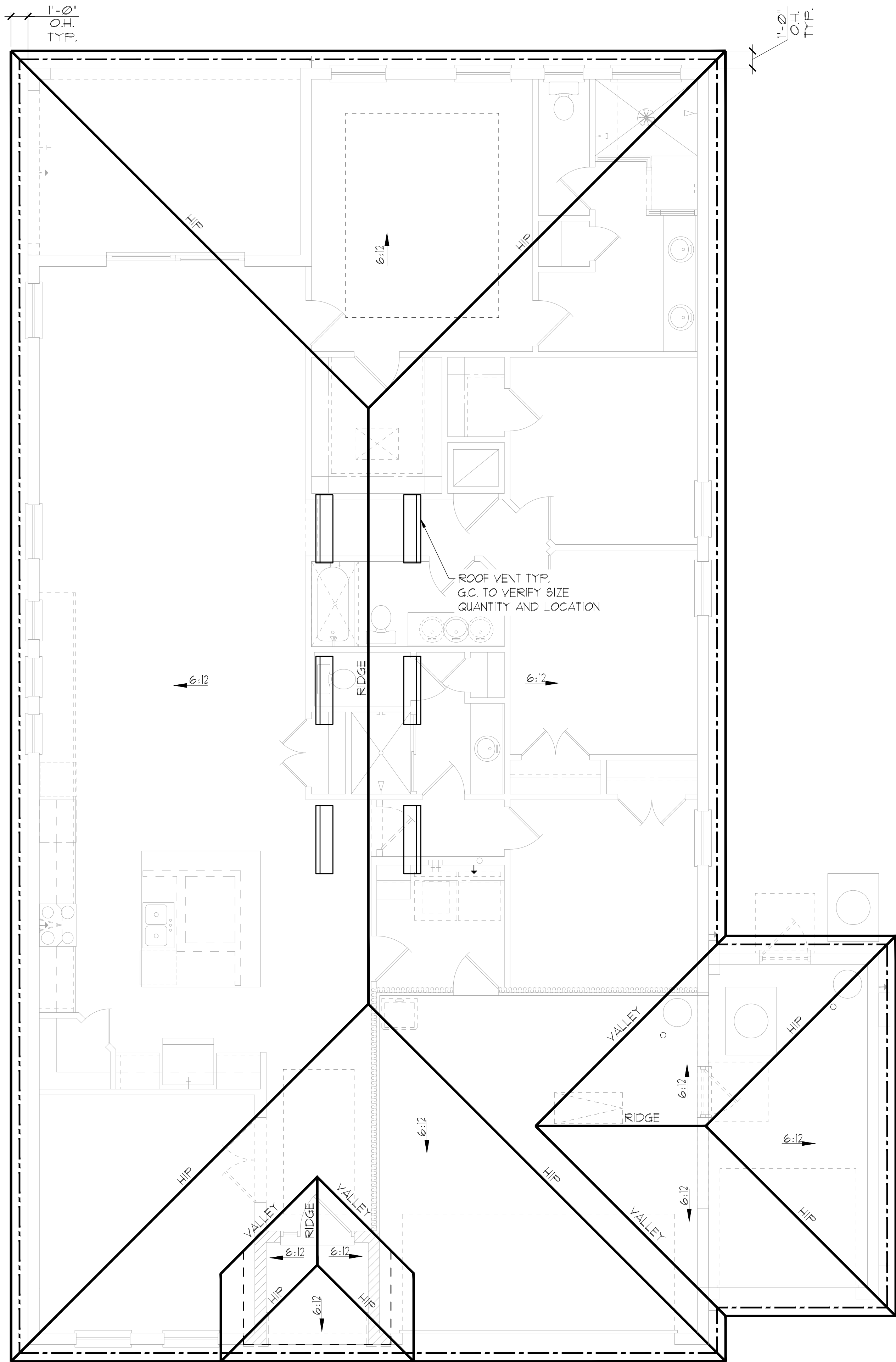
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2. WHERE EAVE OR CORNICE VENTS ARE INSTALLED, PROVIDE Baffles TO MAINTAIN A MIN. 1" AIRSPACE BETWEEN INSULATION AND ROOF SHEATHING AND AT THE LOCATION OF THE VENT.
3. VENTILATION OPENINGS SHALL HAVE A LEAST DIMENSIONS OF 1/16" MIN. AND 1/4" MAX. VENTILATION 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.
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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'	91.5 SQ. INCHES PER VENT INSTALLED
SHINGLE:	MILLENNIUM METALS-MM1-2	80.5 SQ. INCHES PER VENT INSTALLED
	LOMANCO-T10D	140 SQ. INCHES PER VENT INSTALLED

[Symbol] INDICATES POSSIBLE LOCATION OF OFF RIDGE VENTS

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

[Symbol] INDICATES POSSIBLE LOCATION OF SOFFIT VENTING

ATTIC VENTILATION CALCULATIONS

NET FREE VENTILATED AREA(S):

(O'HAGIN- MODEL 'S')
NFVA = 3203 SQ. FT. * 144 / 300 = 615-169 SQ. IN. REQUIRED (40%-50%)

(1) OFF RIDGE VENTS @ 91.5 SQ. IN. (O'HAGIN- MODEL 'S') = 683 SQ. IN. PROVIDED

(MILLENNIUM METALS- MM1-2)
NFVA = 3203 SQ. FT. * 144 / 300 = 615-169 SQ. IN. REQUIRED (40%-50%)

(8) OFF RIDGE VENTS @ 80.5 SQ. IN. (MILLENNIUM METALS- MM1-2) = 644 SQ. IN. PROVIDED

(LOMANCO-T10D)
NFVA = 3203 SQ. FT. * 144 / 300 = 615-169 SQ. IN. REQUIRED (40%-50%)

(5) OFF RIDGE VENTS @ 140 SQ. IN. (LOMANCO-T10D) = 700 SQ. IN. PROVIDED

4/- 200 LINEAR FEET OF VENTED SOFFIT.

ELEVATION E W/
3-CAR GARAGE
ROOF PLAN
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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Phone: (407) 529 - 3000

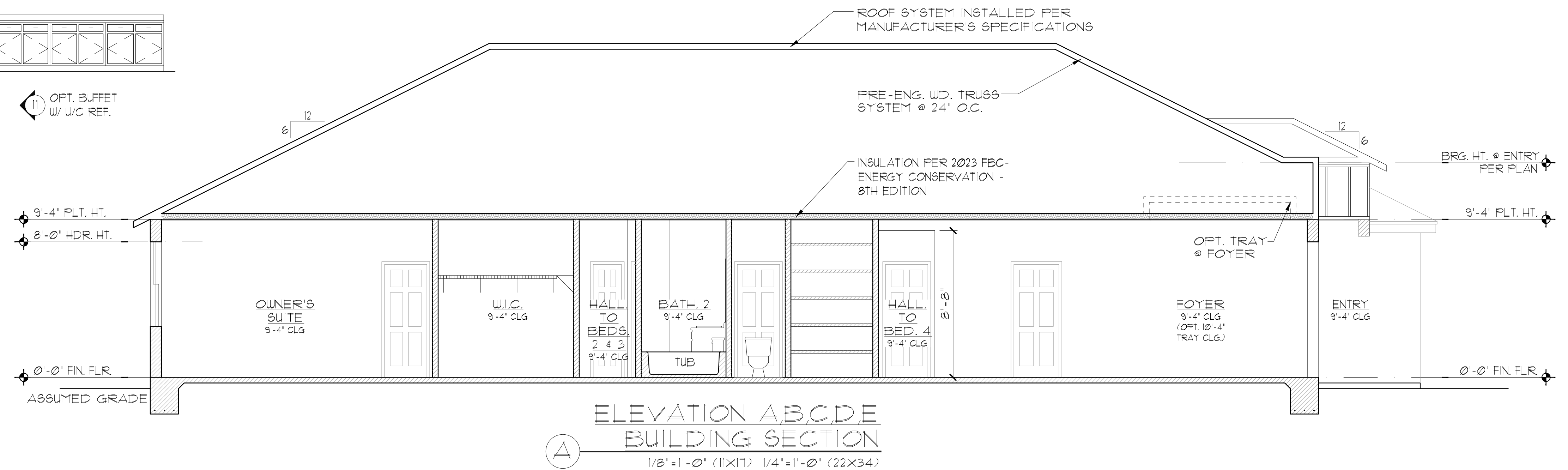
Park Square HOMES

2385 HAMPTON II

FLORIDA SERIES

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DELTA #	DATE
DATE:	07-23-24
SCALE:	AS NOTED
DRAWN:	MR
SHEET:	04.1E

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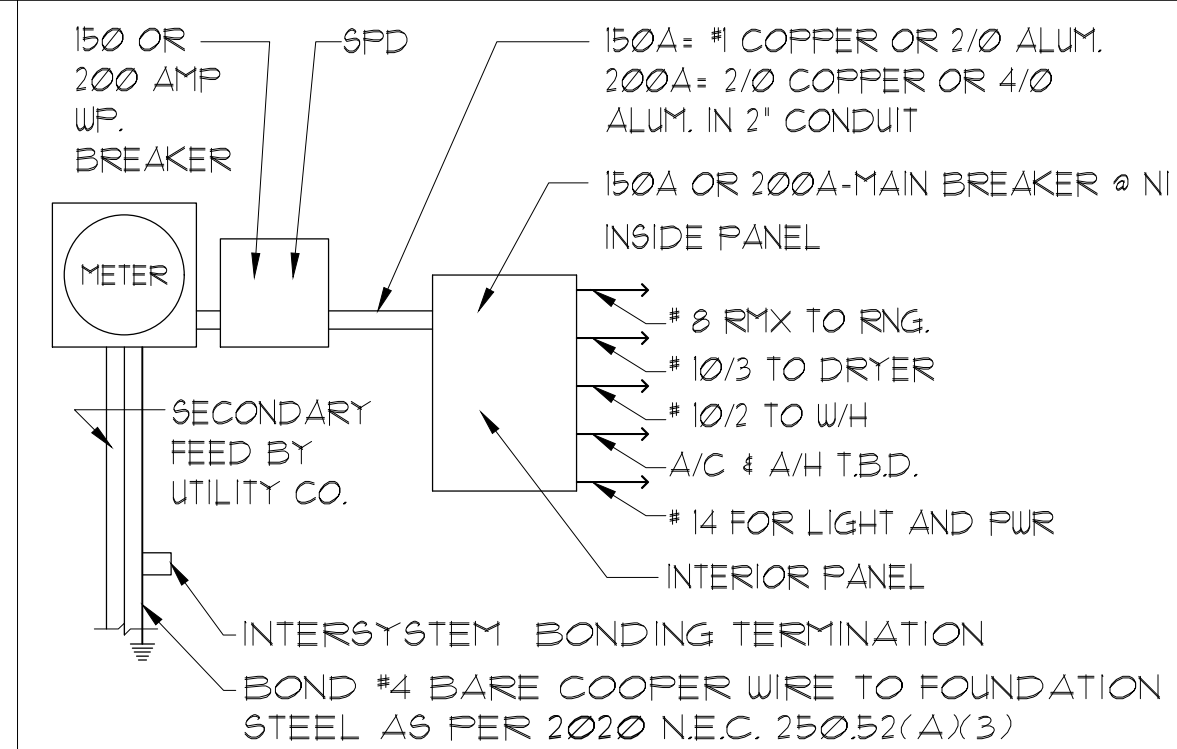
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BUILDING SECTION/
INTERIOR ELEVATIONS

2385 HAMPTON III

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DELTA #	DATE
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DRAWN: MR	
SHEET:	
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NOTES:

- 250.52(A)(3) 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.

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

SWITCHES AND WALL OUTLETS OVER COUNTERS	48" TO CL.
REMAINING SWITCHES	48" TO CL.
WALL OUTLETS	12" TO CL.
TELEPHONE OUTLETS	12" TO CL.
TELEVISION OUTLETS	12" TO CL.
EXTERIOR GFI'S	12" TO CL.
GARAGE GFI'S (ABOVE GARAGE FLOOR)	48" TO CL.
THERMOSTAT	54" TO CL.
DOOR BELL CHIMES	84" TO CL.
DOOR BELL BUTTON	LEVEL W/ DOOR HANDLE
KITCHEN HOOD FAN "WHIP"	66" TO CL.
KITCHEN WALL HUNG MICROWAVE RECEPTACLE	76" TO CL.
KITCHEN DISHWASHER RECEPTACLE	UNDER SINK
KITCHEN RANGE	24" TO CL.
KITCHEN REFRIGERATOR	48" TO CL.
WASHER/DRYER OUTLET	36" TO CL.
HOLLYWOOD LIGHTS	84" TO CL.

ELEVATION A STD
(THRIVE SPECS)
UTILITY PLAN

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

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Park Square HOMES

UTILITY PLAN

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA # | DATE

DATE: 07-23-24

DRUG	MECHANISM
------	-----------

SHEET:

E1

1. WILL ALWAYS BE FOR PRIMARY LIGHT SOURCE:

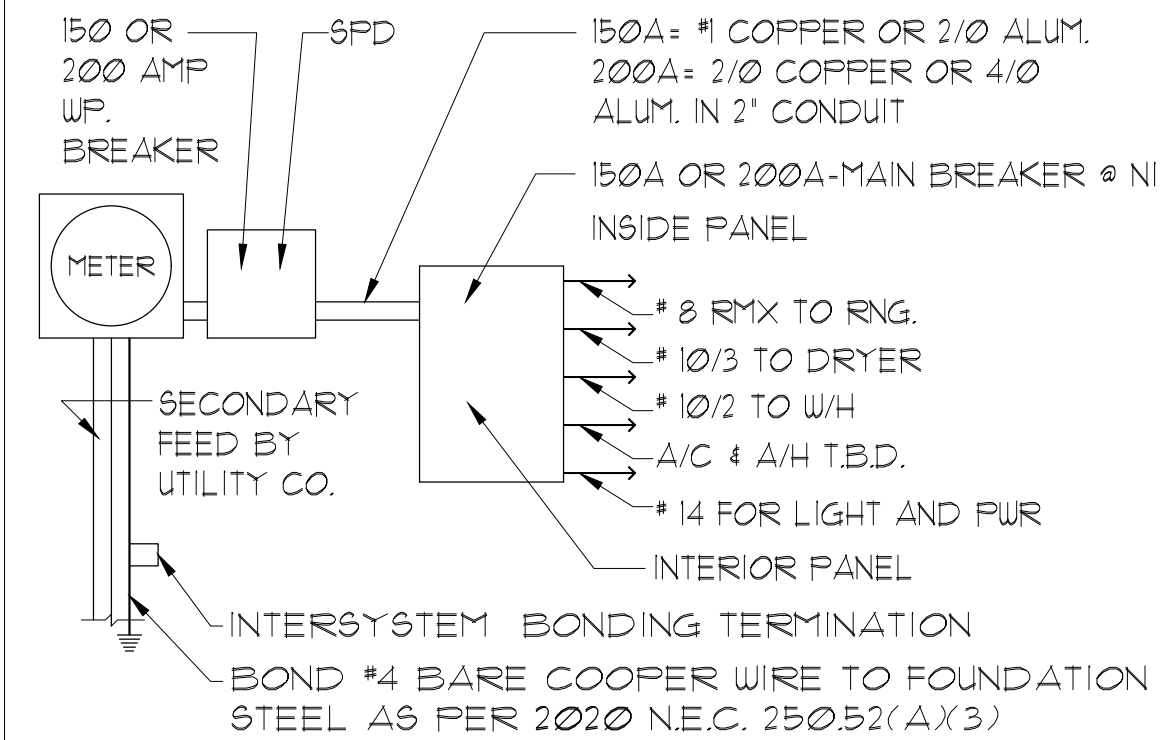
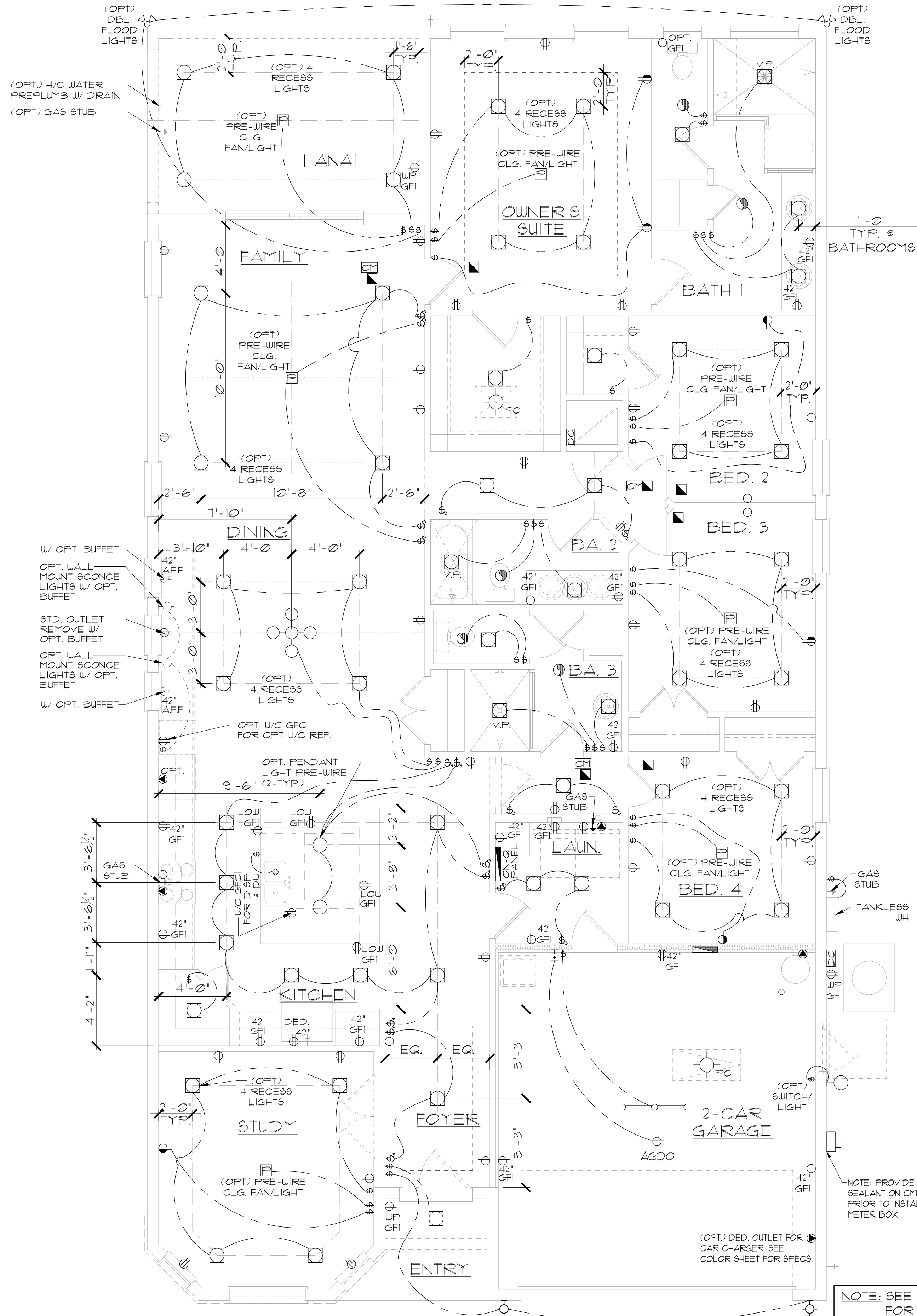
• VANITY LIGHTS - WALL MOUNT OVER VANITIES

• RECESS CANS - CEILING

2. WILL GO TO SHOWER/TUB V.P. LIGHT

3. WILL GO TO BATHROOM VENT/FAN

BATH SWITCH DETAIL



NOTES:
1. ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ 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 DUELLING UNITS SHALL BE PROVIDED WITH A SURGE-PROTECTION DEVICE (SPD) THE SPD SHALL BE A TYPE 1 OR TYPE 2 SPD.
3. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFORMATION.

250.52(A)(3) Concrete-Encased Electrode.
Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long. There are two types of concrete-encased electrodes: (1) steel reinforcing bars or rods which are not less than 1/2 inch in diameter and at least 20 ft. long, encased in 2 inches of concrete; (2) 20 ft. of bare copper conductor not smaller than No. 4 AWG encased in 2 inches of concrete. The steel reinforcing rods must be in a location that is in direct contact with the earth. The reinforcing rods can be connected with tie wires, and a single length of rod can be used as the concrete-encased electrode. The reinforcing rods cannot be coated with non-conductive material. Section 250.50 requires a concrete-encased electrode to be connected to the grounding electrode system if it is present. Several states have modified this requirement to say a concrete-encased electrode must be used as a grounding electrode only if it is available. In those jurisdictions, if the footings or foundations have been poured before the electrical contractor arrives at the site, and a reinforcing rod is not available for use as a grounding electrode, then a grounding connection to the reinforcing rod is not required.

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

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

NOTE: SEE FINAL COLOR SHEET FOR COACH LIGHT SPECS

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

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

ELEVATION B&C STD

(THRIVE SPECS)

UTILITY PLAN

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

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LOT: 0000, COMMUNITY

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA #	DATE

DATE: 07-23-24

SCALE: AS NOTED

DRAWN: M/R

SHEET: E1

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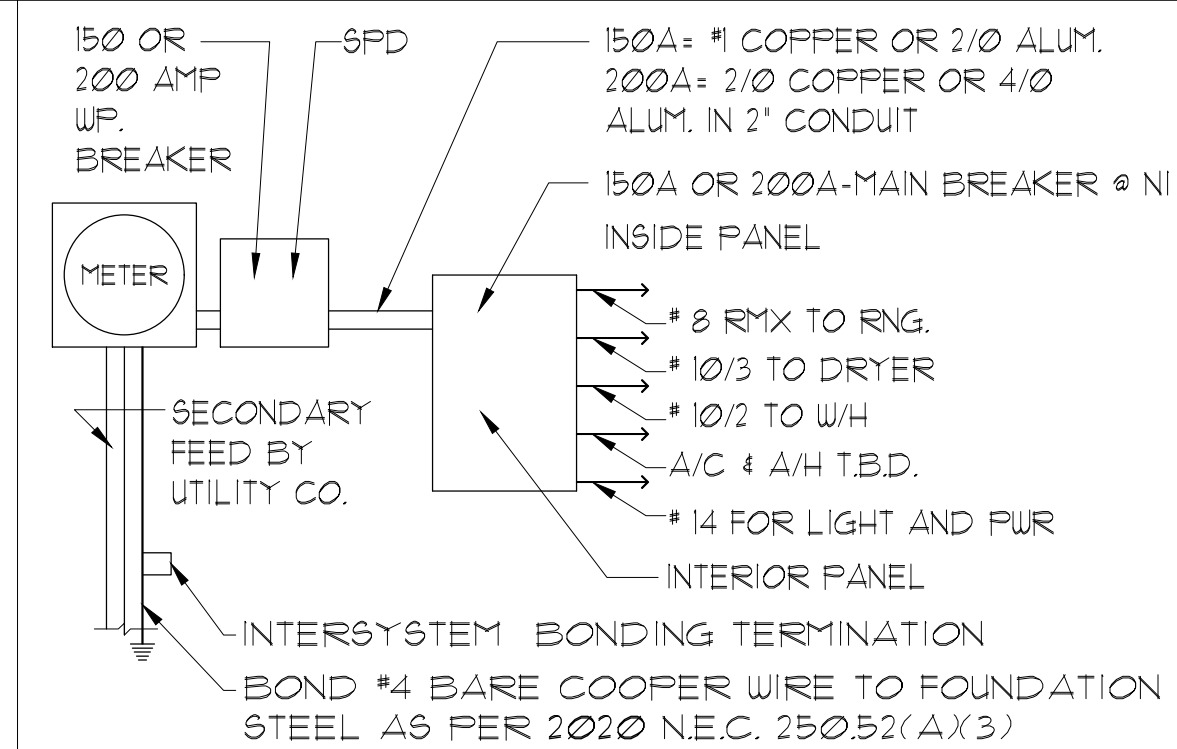
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5200 Vineland Road, Suite 200

Orlando, Florida 32811

Phone: (407) 529 - 3000



NOTES:

1. ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 25032(A)(1) TO (6), NFPA 70, LOCAL CODES, AND THE LOCAL POWER/UTILITY COMPANY.
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250.52(A)(3) 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.

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

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

ELEVATION D STD
(THRIVE SPECS)
UTILITY PLAN

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

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Phone: (407) 529 - 3000

Park Square HOMES

UTILITY PLAN

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA	DATE
---	------

DATE: 07-23-

DRAIN: M

SHEET:

E1

1. WILL ALWAYS BE FOR PRIMARY LIGHT SOURCE:

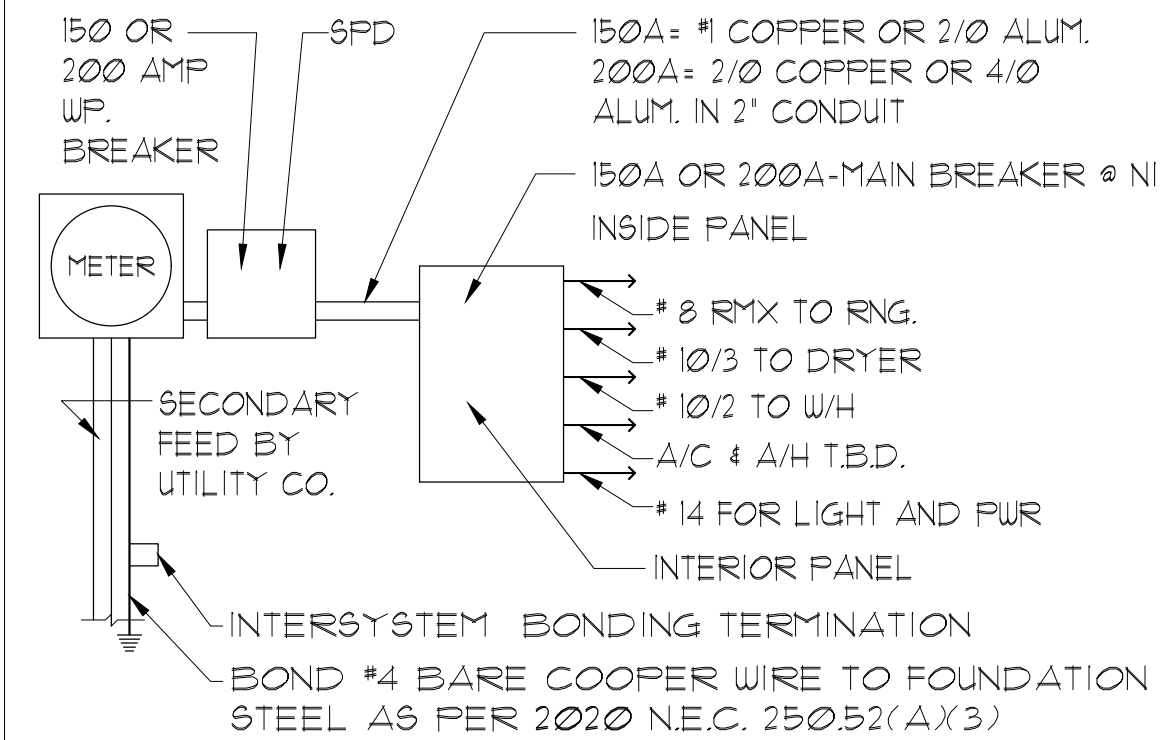
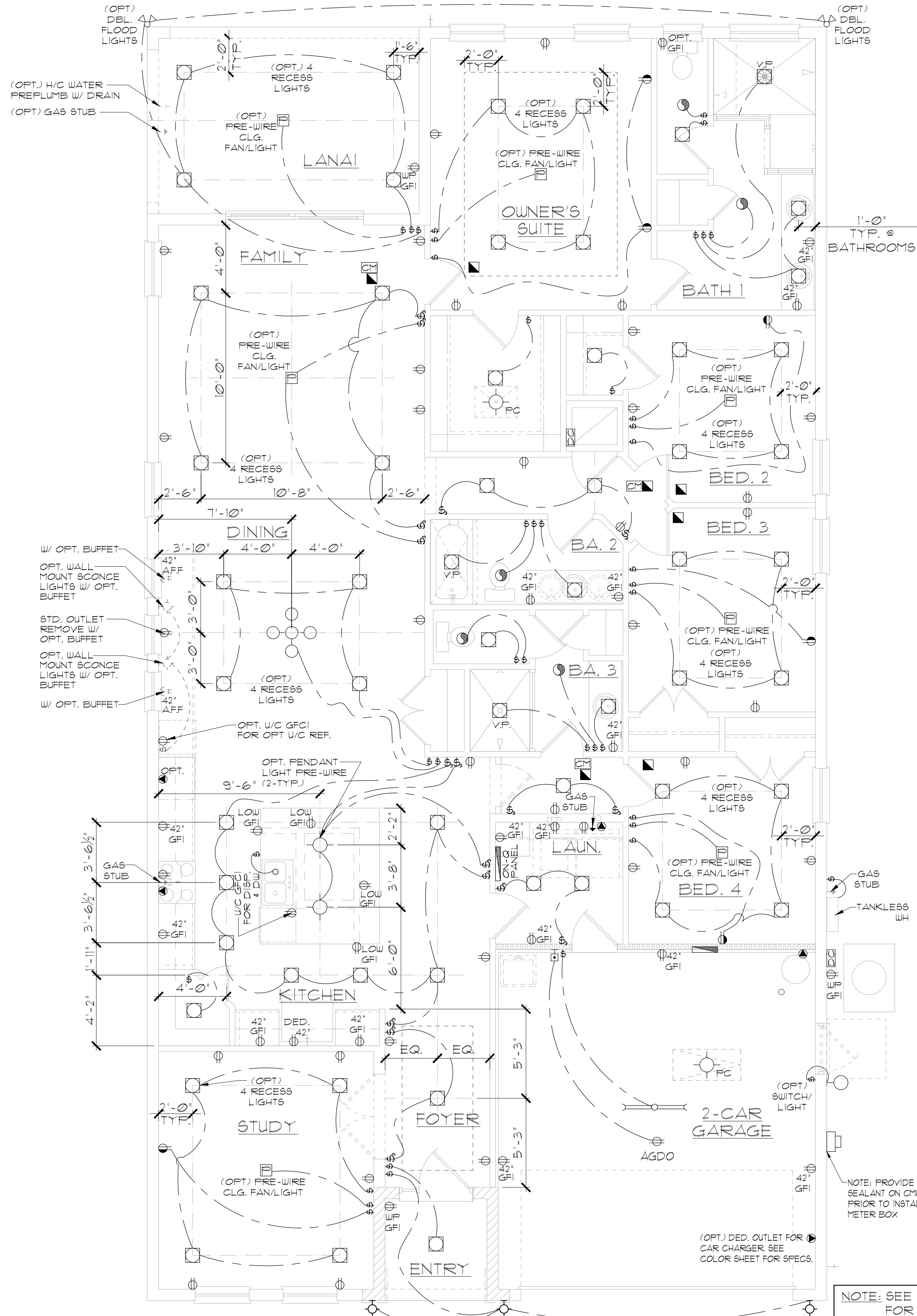
• VANITY LIGHTS - WALL MOUNT OVER VANITIES

• RECESS CANS - CEILING

2. WILL GO TO SHOWER/TUB V.P. LIGHT

3. WILL GO TO BATHROOM VENT/FAN

BATH SWITCH DETAIL



NOTES:
1. ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(AX1) TO (6), NFPA 70 LOCAL CODES, AND THE LOCAL POWER/ UTILITY COMPANY.
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ELECTRICAL LEGEND				
Ⓢ	SINGLE POLE SWITCH	◀	OUTLET, PHONE	
Ⓢ	THREE WAY SWITCH	◻	INTERCOM	
Ⓢ	OUTLET 110-115	Ⓢ	CHIMES	
Ⓢ	OUTLET 110-115, SPLIT WIRED	⬛	SMOKE DETECTOR/SMOKE ALARM W/ INTEGRATED SOUNDER BASE	
Ⓢ	OUTLET 110-115, W/ USB		Ⓢ	CARBON MONOXIDE
Ⓢ	OUTLET 110-115, CEILING MOUNTED		Ⓢ	PUSH BUTTON
Ⓢ	OUTLET 110-115, FLOOR MOUNTED	Ⓢ	EXHAUST FAN	
Ⓢ	SPECIAL PURPOSE 220-240	Ⓢ	EX. FAN/LIGHT COMBO	
Ⓢ	LIGHT FIXTURE, CEILING MOUNTED	Ⓢ	DISPOSAL	
Ⓢ	LIGHT FIXTURE, WALL MOUNTED	Ⓢ	ON-Q PANEL	
Ⓢ	LED LIGHT FIXTURE, RECESSED	Ⓢ	ELECTRICAL PANEL	
Ⓢ	LIGHT FIXTURE, RECESSED ADJUST.	Ⓢ	CEILING FAN, PREWIRE	
Ⓢ	LIGHT FIXTURE, PULL CHAIN	Ⓢ	CEILING FAN, INSTALL	
Ⓢ	LED LIGHT FIXTURE, FLUORESCENT	Ⓢ	ELEC. JUNCTION BOX	
Ⓢ	LIGHT FIXTURE, EXTERIOR FLOODS	Ⓢ	THERMOSTAT	
Ⓢ	LIGHT FIXTURE, EMERGENCY EXIT	Ⓢ	DISCONNECT SWITCH	
Ⓢ	LIGHT FIXTURE, EXIT/BACKUP	Ⓢ	ELEC. POWER METER	
Ⓢ	OUTLET, TV/CABLE			

ELECTRICAL DEVICES		ABOVE FIN. FLR.	
SWITCHES AND WALL OUTLETS OVER COUNTERS	48" TO C.L.	REMAINING SWITCHES	48" TO C.L.
WALL OUTLETS	12" TO C.L.	TELEPHONE OUTLETS	12" TO C.L.
TELEVISION OUTLETS	12" TO C.L.	EXTERIOR GFI'S	12" TO C.L.
GARAGE GFI'S (ABOVE GARAGE FLOOR)	48" TO C.L.	THERMOSTAT	54" TO C.L.
DOOR BELL CHIMES	54" TO C.L.	DOOR BELL BUTTON	84" TO C.L.
KITCHEN HOOD FAN "WHIP"	LEVEL W/ DOOR HANDLE	KITCHEN WALL HUNG MICROWAVE RECEPTACLE	66" TO C.L.
KITCHEN DISHWASHER RECEPTACLE	16" TO C.L.	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.		

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

ELEVATION E STD
(THRIVE SPECS)
UTILITY PLAN
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2385 HAMPTON II

FLORIDA SERIES

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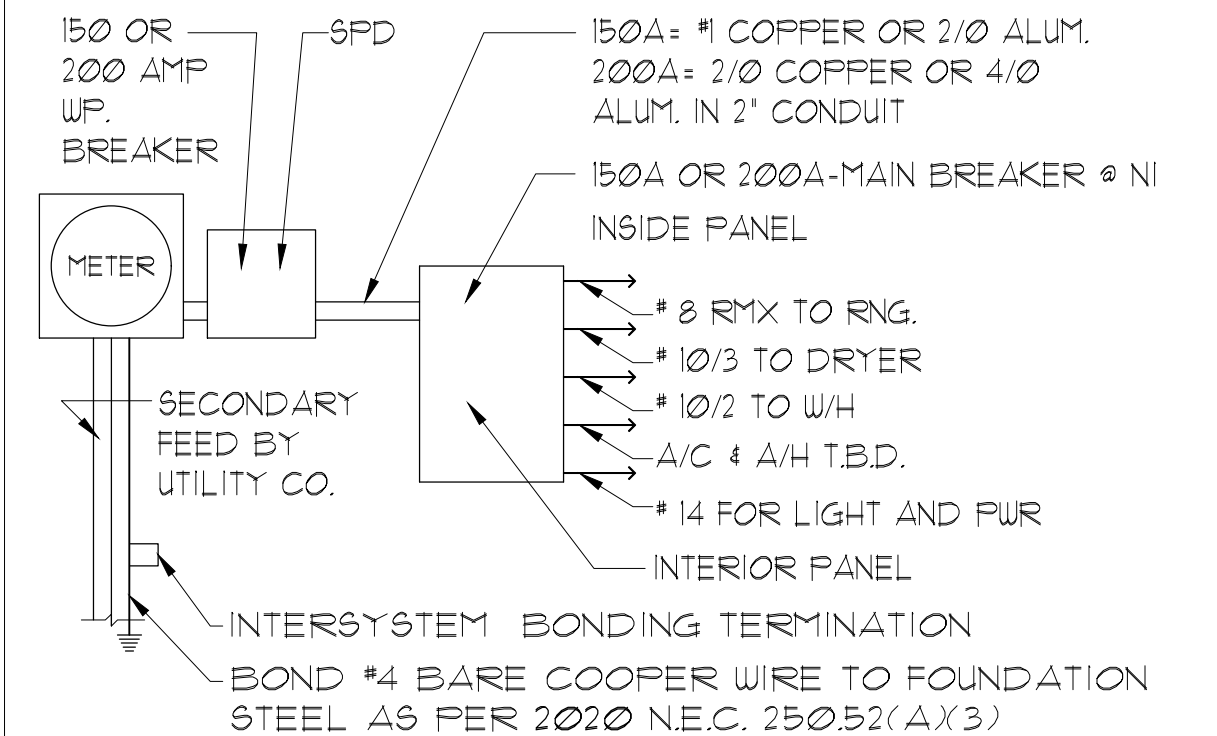
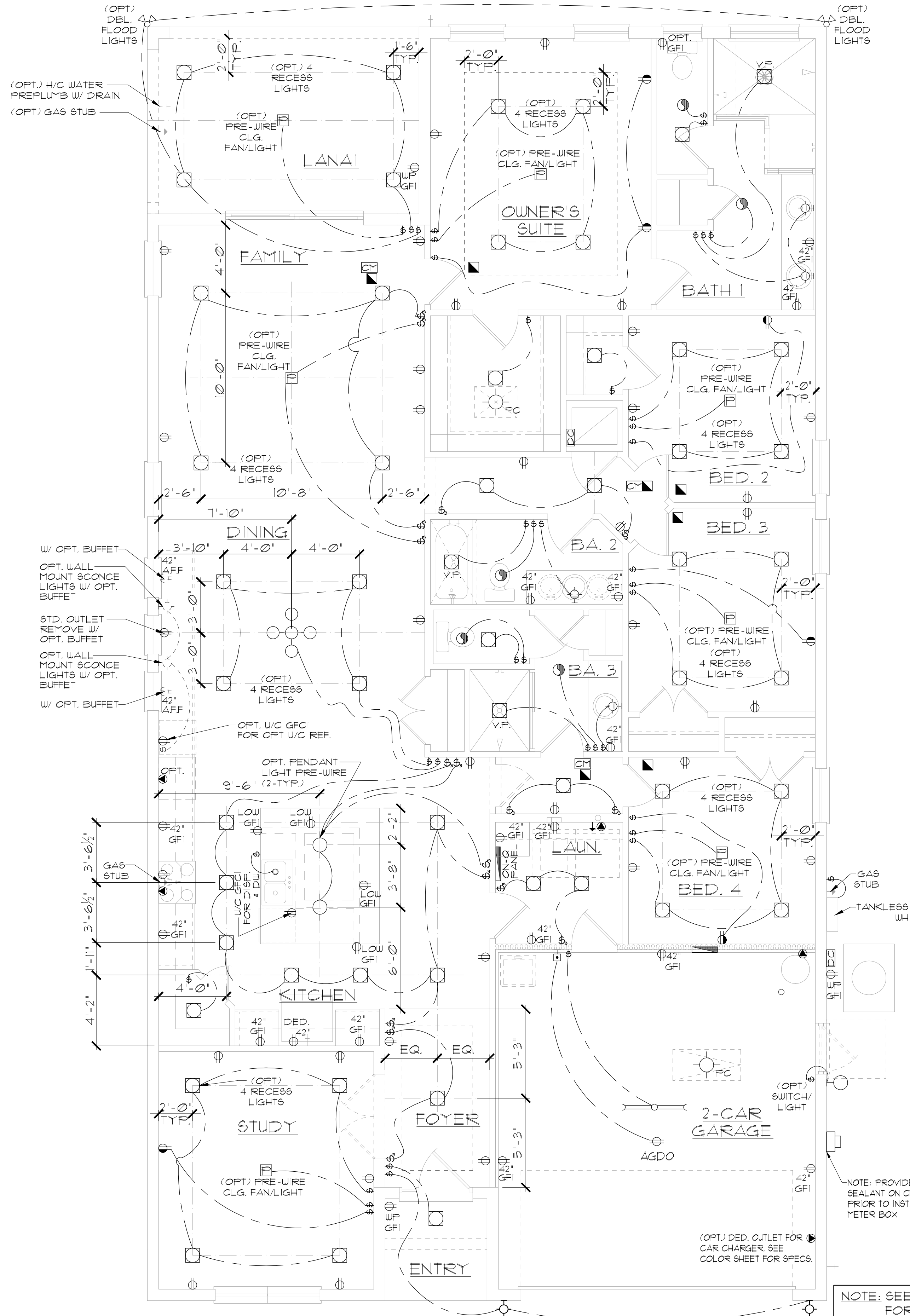
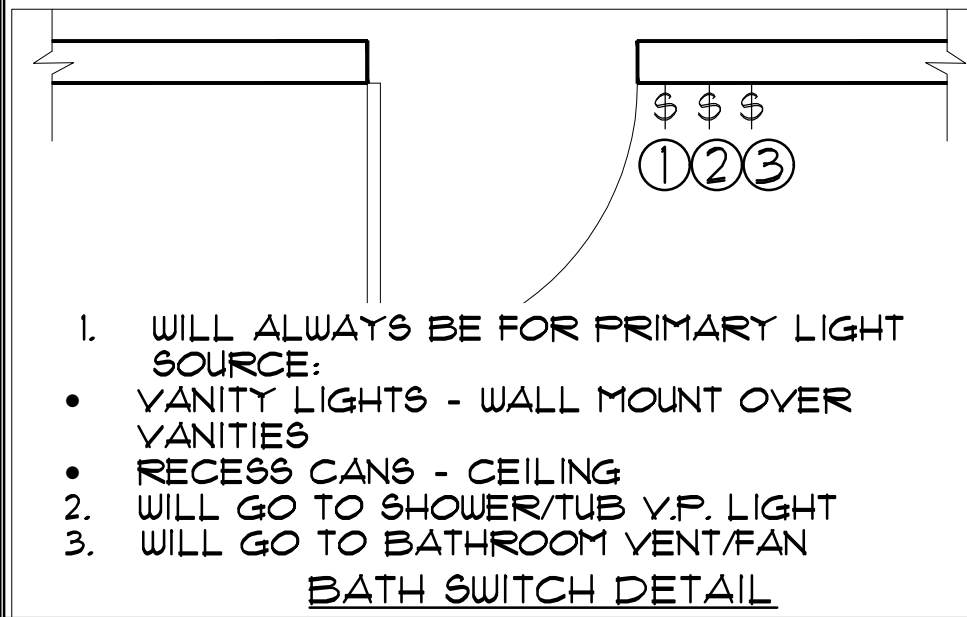
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ELECTRICAL RISER DIAGRAM
N.T.S.

NOTES:
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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.
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TELEPHONE OUTLETS	12" TO C.L.
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WASHER/DRYER OUTLET	36" TO C.L.
HOLLYWOOD LIGHTS	84" TO C.L.

CL. = CENTER LINE

**ELEVATION A STD
(STANDARD SPECS)
UTILITY PLAN**

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

NOTE: SEE FINAL COLOR SHEET FOR COACH LIGHT SPECS
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Park Square HOMES

UTILITY PLAN

2385 HAMPTON II

FLORIDA SERIES

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SHEET: E1.1

1. WILL ALWAYS BE FOR PRIMARY LIGHT SOURCE:

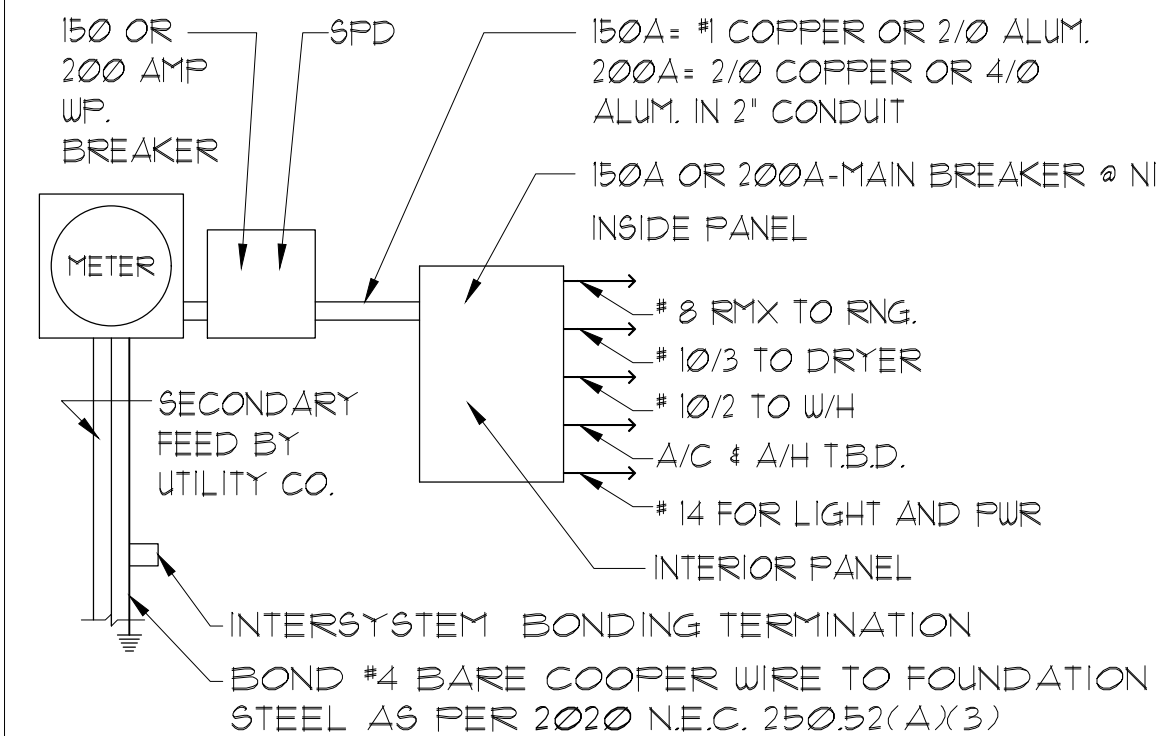
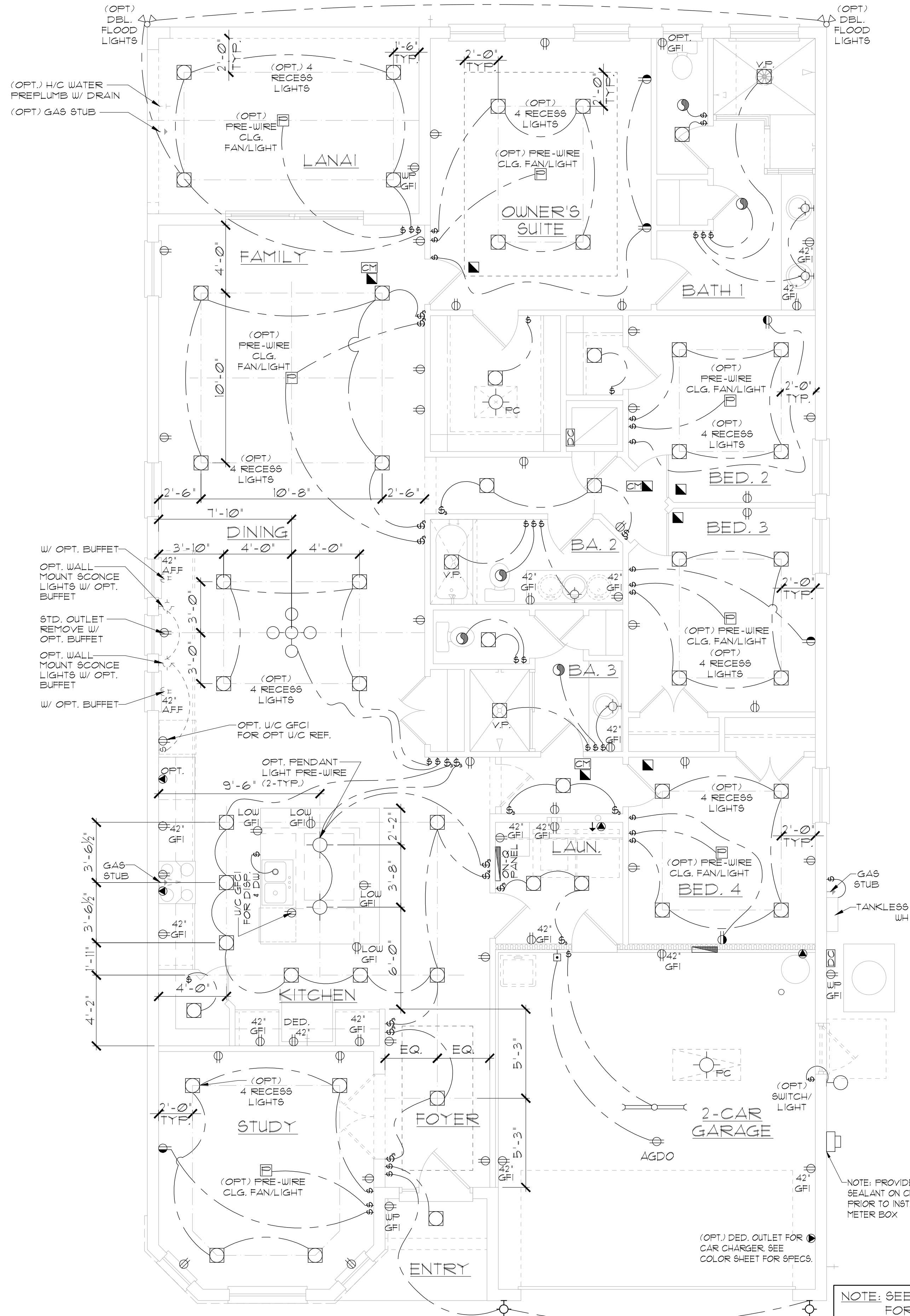
• VANITY LIGHTS - WALL MOUNT OVER VANITIES

• RECESS CANS - CEILING

2. WILL GO TO SHOWER/TUB V.P. LIGHT

3. WILL GO TO BATHROOM VENT/FAN

BATH SWITCH DETAIL



NOTES:
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Ⓢ₃	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
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☼	LIGHT FIXTURE, CEILING MOUNTED	⌚	DISPOSAL
☼	LIGHT FIXTURE, WALL MOUNTED	◼	ON-O PANEL
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◻	OUTLET, TV/CABLE		

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ELEVATION B&C STD

(STANDARD SPECS)

UTILITY PLAN

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

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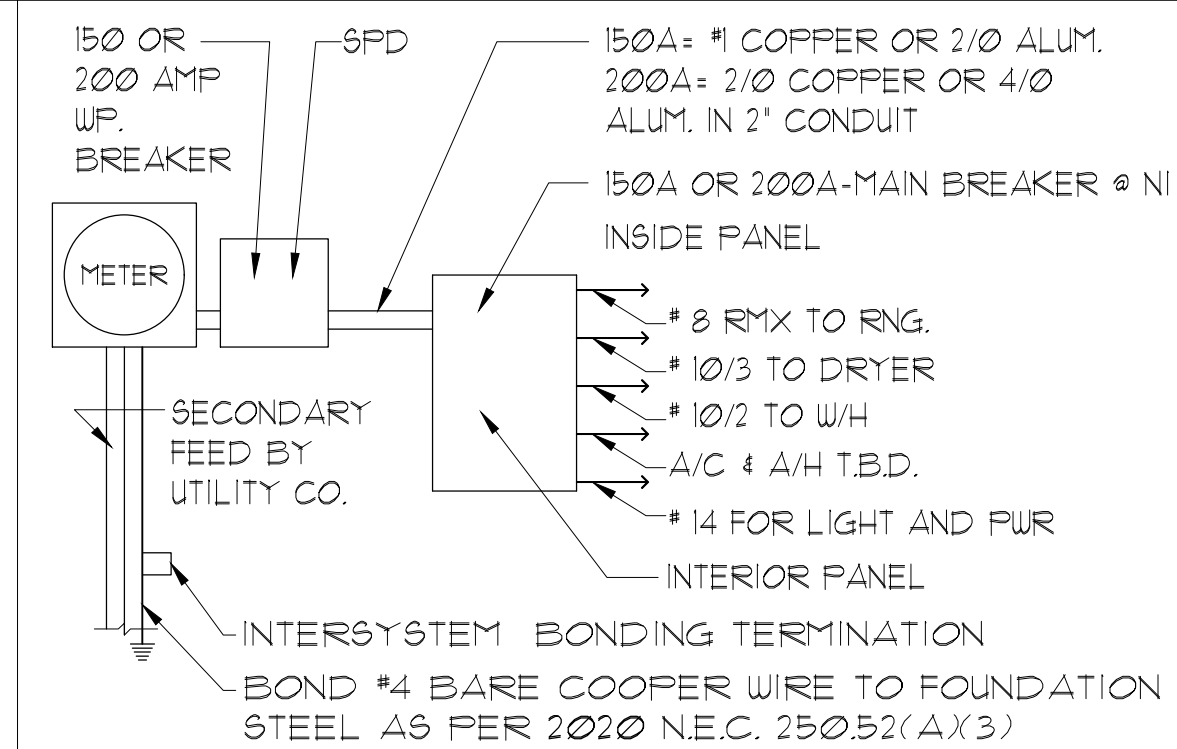
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Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long. Concrete-encased electrodes can be horizontal or vertical and must be at least 20 ft. long. There are two types of concrete-encased electrodes: (1) steel reinforcing 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.

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

ABOVE FIN. FLR.

SWITCHES AND WALL OUTLETS OVER COUNTERS	48" TO C.L.
REMAINING SWITCHES	48" TO C.L.
WALL OUTLETS	12" TO C.L.
TELEPHONE OUTLETS	12" TO C.L.
TELEVISION OUTLETS	12" TO C.L.
EXTERIOR GFI'S	12" TO C.L.
GARAGE GFI'S (ABOVE GARAGE FLOOR)	48" TO C.L.
THERMOSTAT	54" TO C.L.
DOOR BELL CHIMES	84" TO C.L.
DOOR BELL BUTTON	LEVEL W/ DOOR HANDLE
KITCHEN HOOD FAN "WHIP"	66" TO C.L.
KITCHEN WALL HUNG MICROWAVE RECEPTACLE	76" 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

ELEVATION D STD
(STANDARD SPECS)
UTILITY PLAN

$1/8'' = 1' - \emptyset''$ (11×17) $1/4'' = 1' - \emptyset''$ (22×34)

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

LOT: 0000, COMMUNITY

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

Park Square HOMES

UTILITY PLAN

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA	DATE
---	------

DATE: 07-23-24

DEBUNI	ME
--------	----

SHEET:

E1.1

1

2

3

1. WILL ALWAYS BE FOR PRIMARY LIGHT SOURCE:

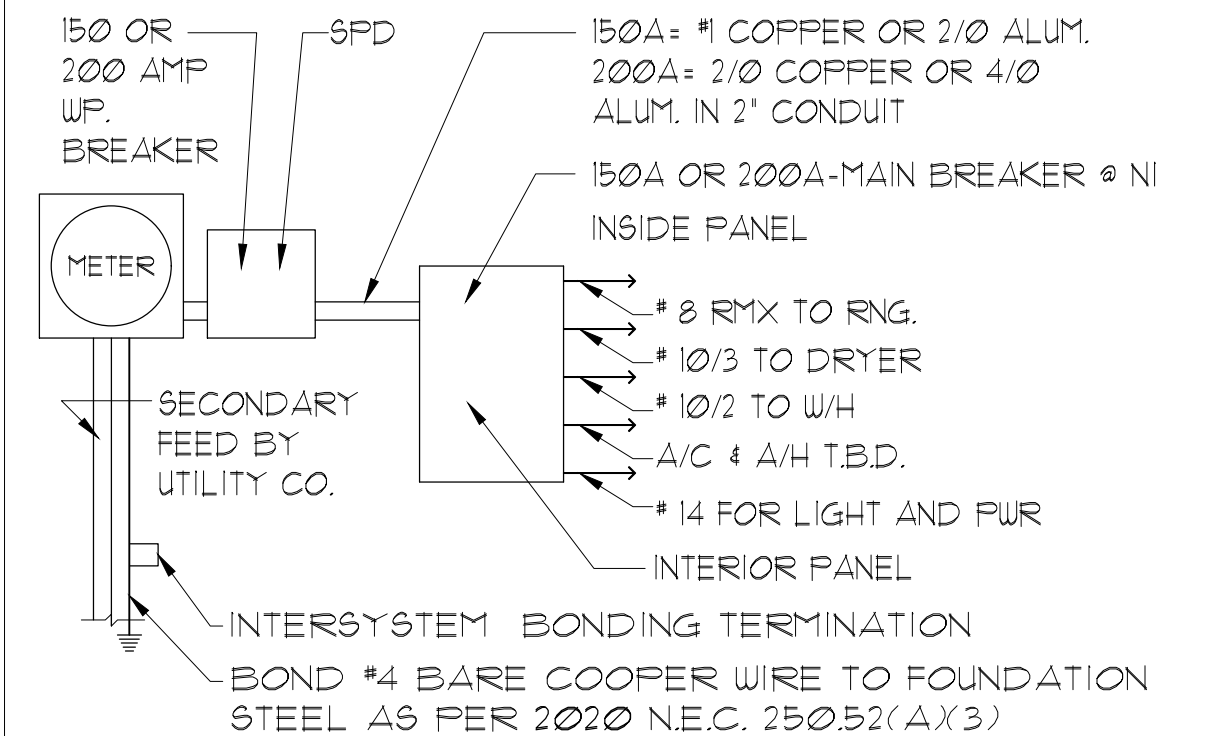
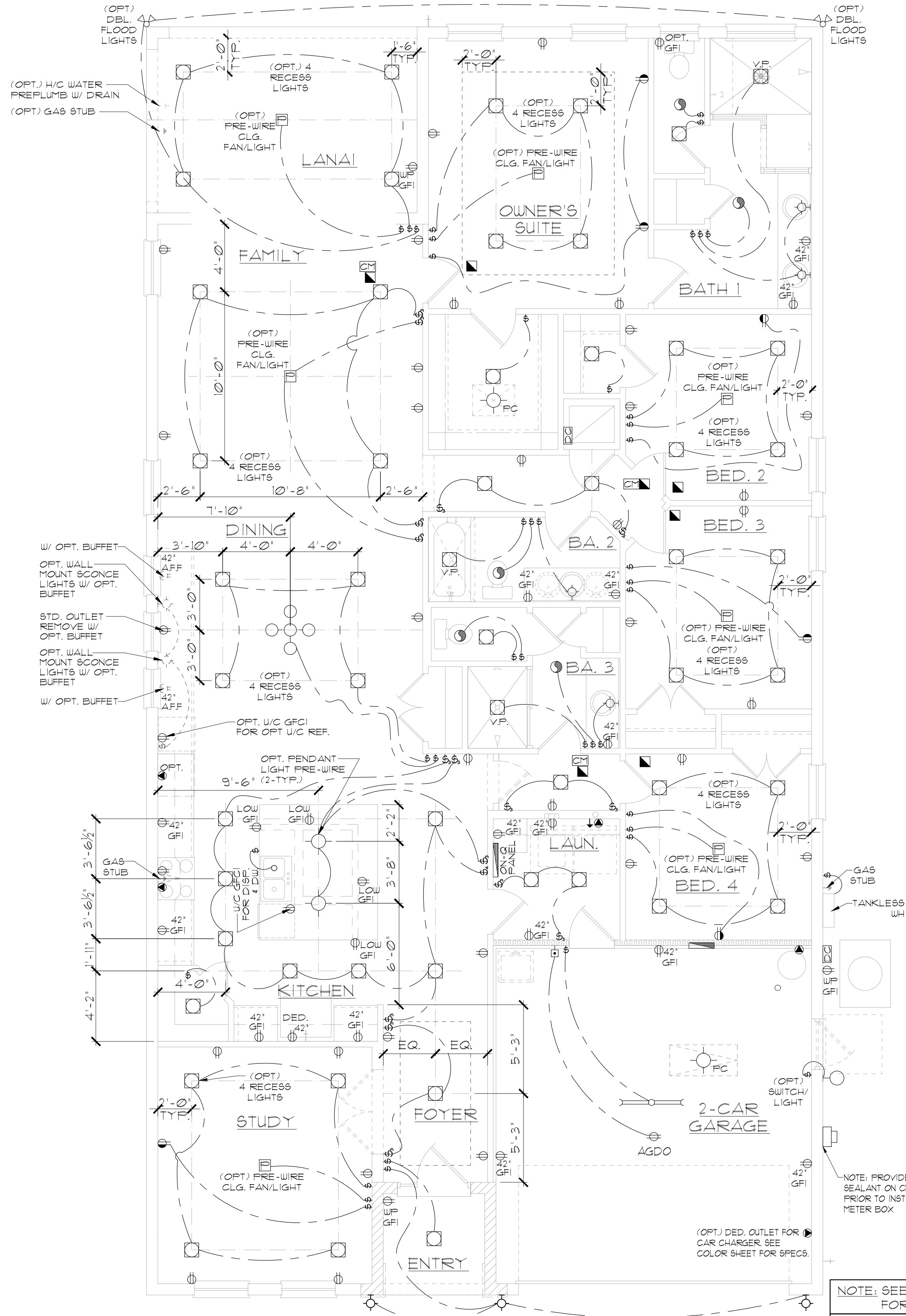
• VANITY LIGHTS - WALL MOUNT OVER VANITIES

• RECESS CANS - CEILING

2. WILL GO TO SHOWER/TUB V.P. LIGHT

3. WILL GO TO BATHROOM VENT/FAN

BATH SWITCH DETAIL



NOTES:
1. ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(A)(1) TO (6), NFPA 70 LOCAL CODES, AND THE LOCAL POWER/ UTILITY COMPANY.
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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 CL.	REMAINING SWITCHES	48" TO CL.
WALL OUTLETS	12" TO CL.	TELEPHONE OUTLETS	12" TO CL.
TELEVISION OUTLETS	12" TO CL.	EXTERIOR GFI'S	48" TO CL.
GARAGE GFI'S (ABOVE GARAGE FLOOR)	54" TO CL.	THERMOSTAT	54" TO CL.
DOOR BELL CHIMES	54" TO CL.	DOOR BELL BUTTON	54" TO CL.
KITCHEN HOOD FAN "WHIP"	66" TO CL.	KITCHEN WALL HUNG MICROWAVE RECEPTACLE	16" TO CL.
KITCHEN DISHWASHER RECEPTACLE	UNDER SINK	KITCHEN REFRIGERATOR	48" TO CL.
WASHER/DRYER OUTLET	36" TO CL.	HOLLYWOOD LIGHTS	84" TO CL.

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

ELEVATION E STD
(STANDARD SPECS)
UTILITY PLAN
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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UTILITY PLAN

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA #	DATE

DATE: 07-23-24

SCALE: AS NOTED

DRAWN: M/R

SHEET: E1.1

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. WILL ALWAYS BE FOR PRIMARY LIGHT SOURCE:

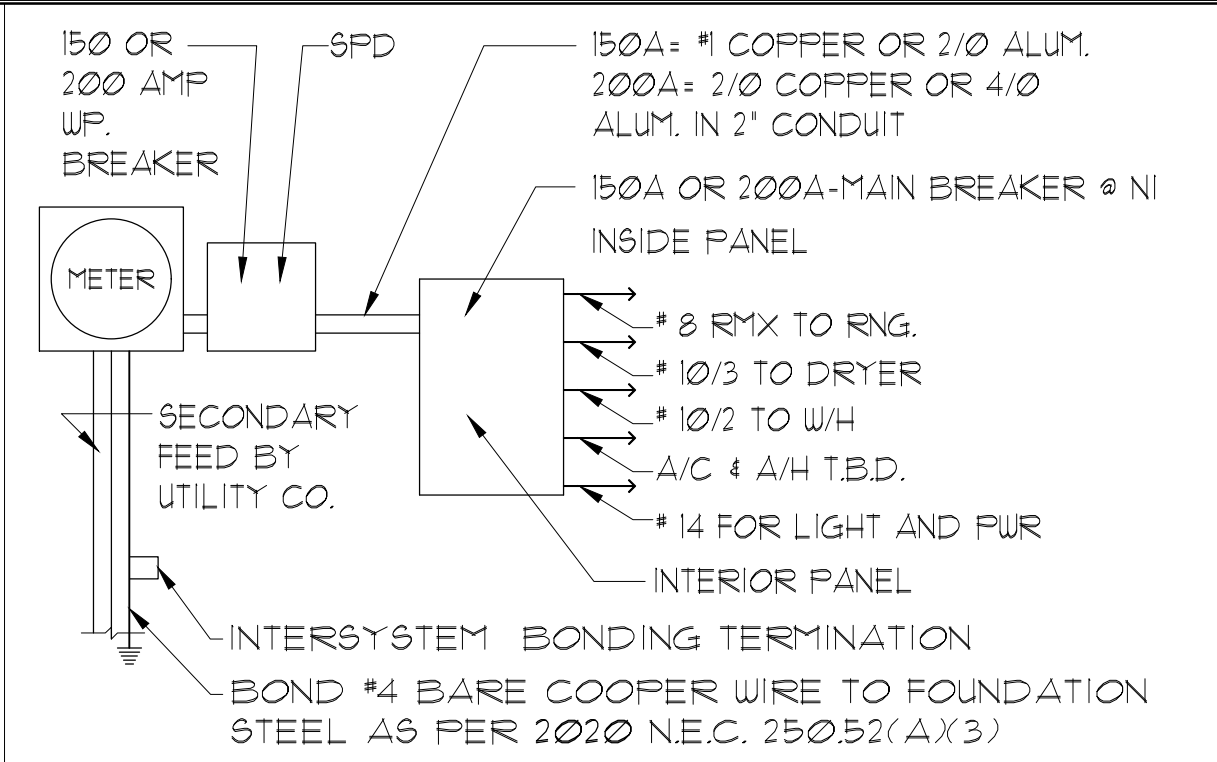
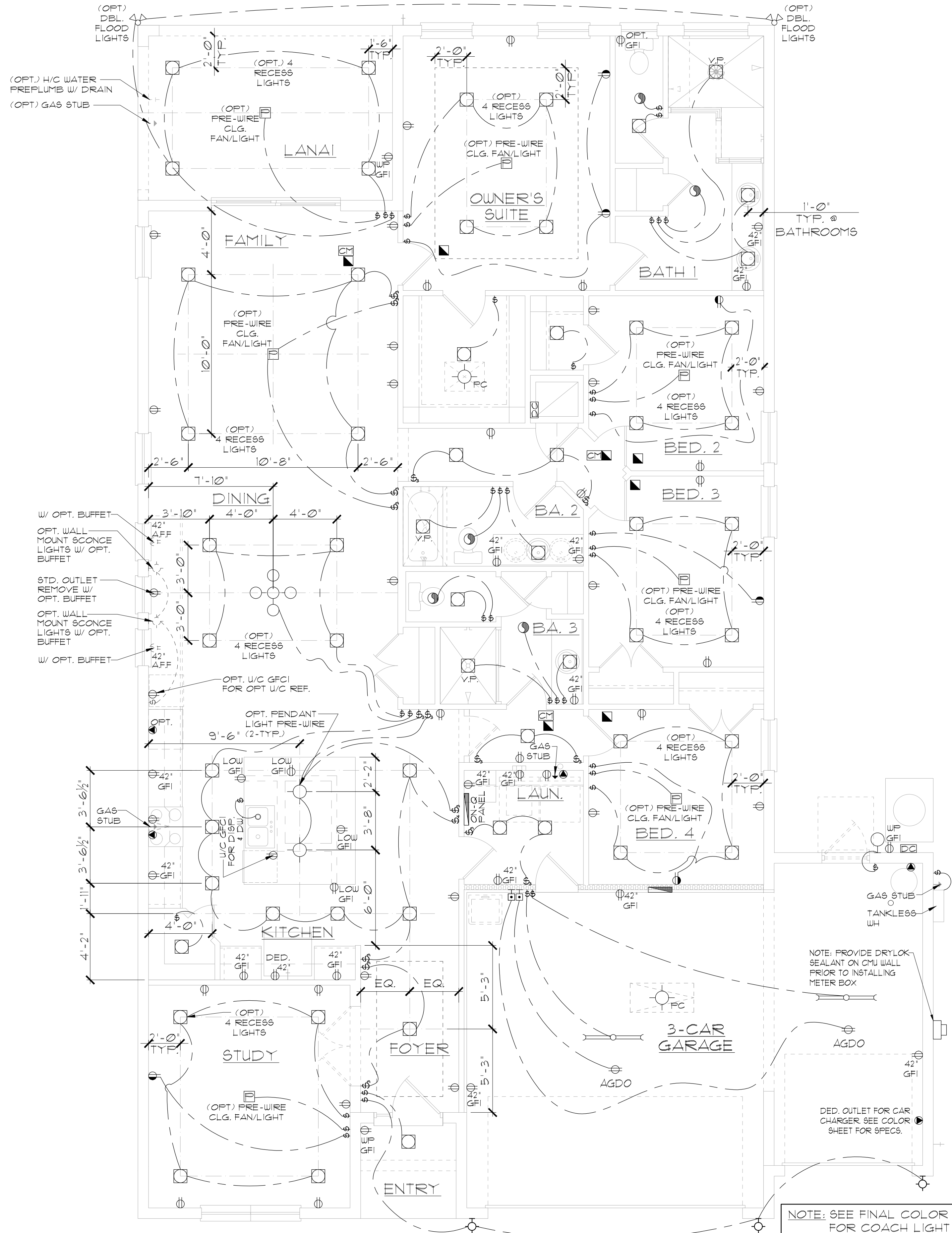
• VANITY LIGHTS - WALL MOUNT OVER VANITIES

• RECESS CANS - CEILING

2. WILL GO TO SHOWER/TUB V.P. LIGHT

3. WILL GO TO BATHROOM VENT/FAN

BATH SWITCH DETAIL



NOTES:
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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 GFI'S	12" TO C.L.
GARAGE GFI'S (ABOVE GARAGE FLOOR)	48" TO C.L.	THERMOSTAT	54" TO C.L.
DOOR BELL CHIMES	54" TO C.L.	DOOR BELL BUTTON	84" TO C.L.
KITCHEN HOOD FAN "WHIP"	LEVEL W/ DOOR HANDLE	KITCHEN WALL HUNG MICROWAVE RECEPTACLE	66" TO C.L.
KITCHEN DISHWASHER RECEPTACLE	16" TO C.L.	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.		

NOTE: SEE FINAL COLOR SHEET FOR COACH LIGHT SPECS

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

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

ELEVATION A W/ 3-CAR GARAGE (THRIVE SPECS)

UTILITY PLAN

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

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LOT: 0000, COMMUNITY

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA #	DATE

DATE: 07-23-24

SCALE: AS NOTED

DRAWN: M/R

SHEET: E1.2

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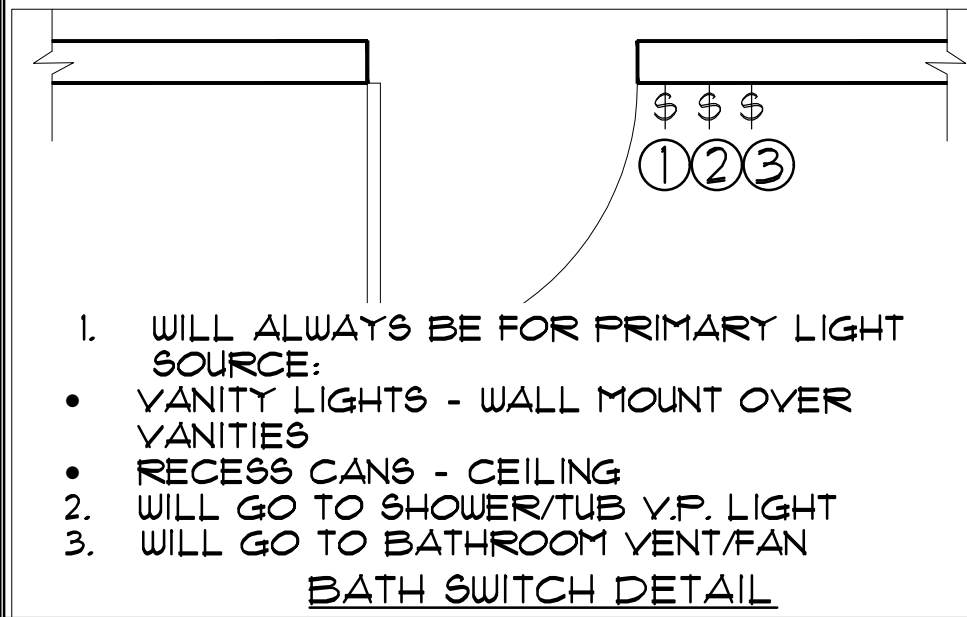
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5200 Vineland Road, Suite 200

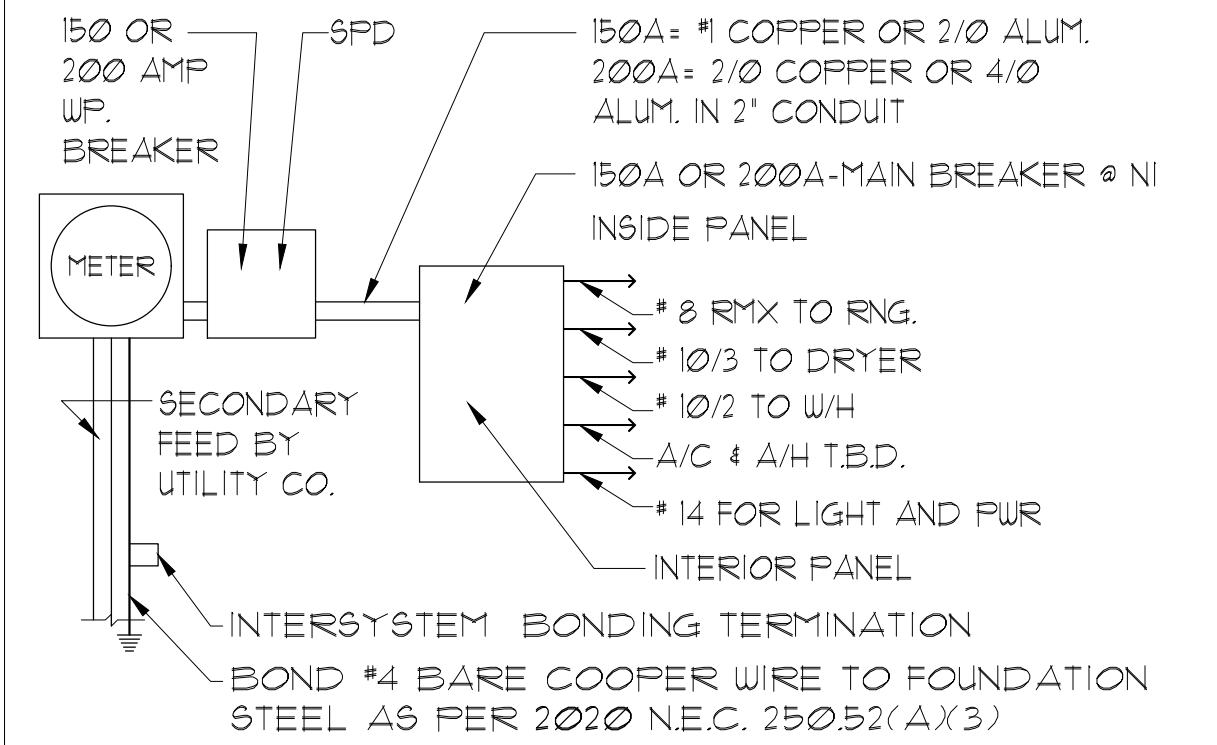
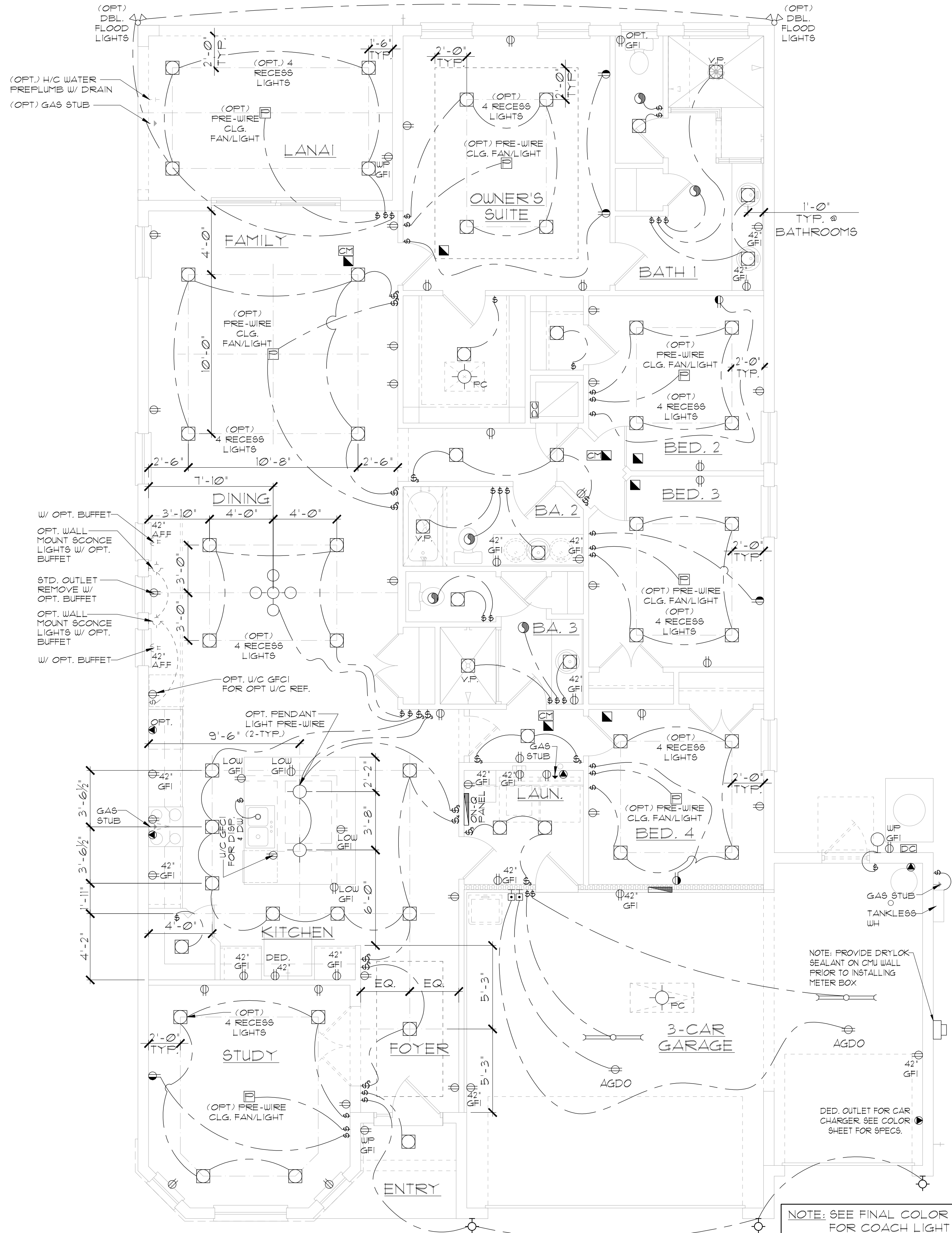
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1. WILL ALWAYS BE FOR PRIMARY LIGHT SOURCE:
 - VANITY LIGHTS - WALL MOUNT OVER VANITIES
 - RECESS CANS - CEILING
 2. WILL GO TO SHOWER/TUB V.P. LIGHT
 3. WILL GO TO BATHROOM VENT/FAN
- BATH SWITCH DETAIL**



ELECTRICAL RISER DIAGRAM
N.T.S.

- NOTES:
1. ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(A)(1) TO (6), NFPA 70 LOCAL CODES, AND THE LOCAL POWER/ UTILITY COMPANY.
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ELECTRICAL LEGEND

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⌚	THREE WAY SWITCH	◻	INTERCOM
⌚	OUTLET 110-115	⌚	CHIMES
⌚	OUTLET 110-115, SPLIT WIRED	⌚	SMOKE DETECTOR/SMOKE ALARM W/ INTEGRATED SOUNDER BASE
⌚	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-O PANEL
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⌚	LED LIGHT FIXTURE, FLUORESCENT	⌚	ELEC. JUNCTION BOX
⌚	LIGHT FIXTURE, EXTERIOR FLOODS	⌚	THERMOSTAT
⌚	LIGHT FIXTURE, EMERGENCY EXIT	⌚	DISCONNECT SWITCH
⌚	LIGHT FIXTURE, EXIT/BACKUP	⌚	ELEC. POWER METER
⌚	OUTLET, TV/CABLE		

ELECTRICAL DEVICES **ABOVE FIN. FLR.**

SWITCHES AND WALL OUTLETS OVER COUNTERS	48" TO CL.
REMAINING SWITCHES	48" TO CL.
WALL OUTLETS	12" TO CL.
TELEPHONE OUTLETS	12" TO CL.
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HOLLYWOOD LIGHTS	84" TO CL.

CL. = CENTER LINE

ELEVATION B+C W/ 3-CAR GARAGE (THRIVE SPECS)
UTILITY PLAN

NOTE: SEE FINAL COLOR SHEET FOR COACH LIGHT SPECS
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LOT: 0000, COMMUNITY 2385 HAMPTON II FLORIDA SERIES

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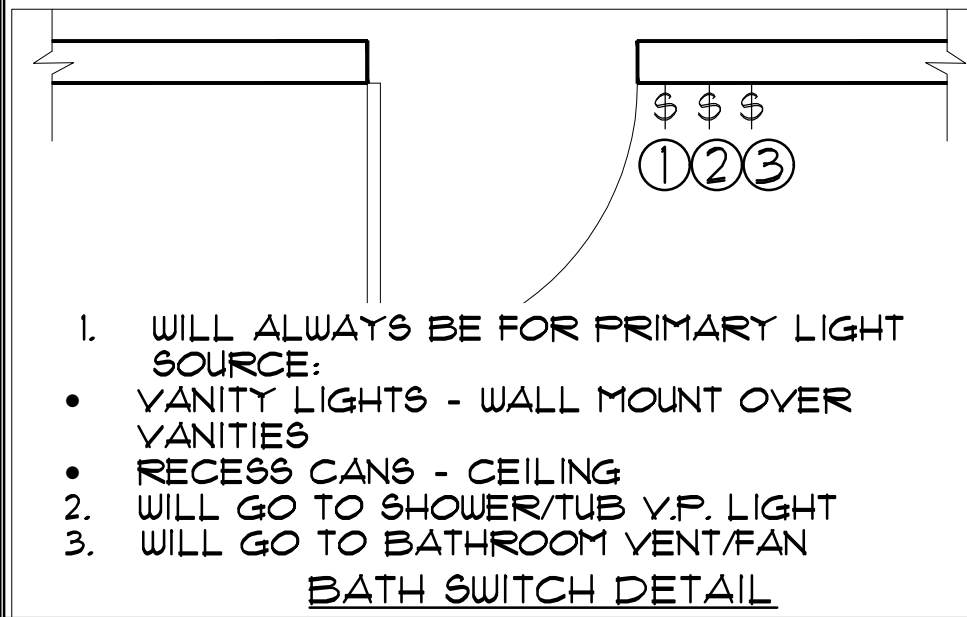
Park Square HOMES

UTILITY PLAN

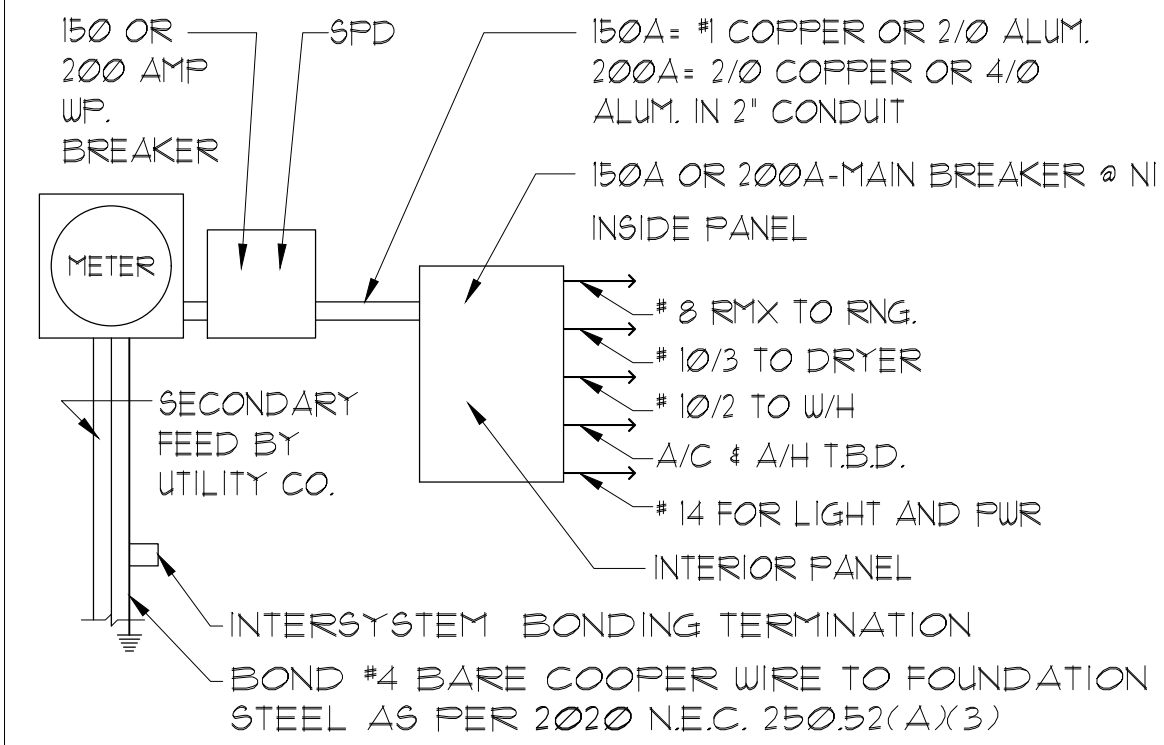
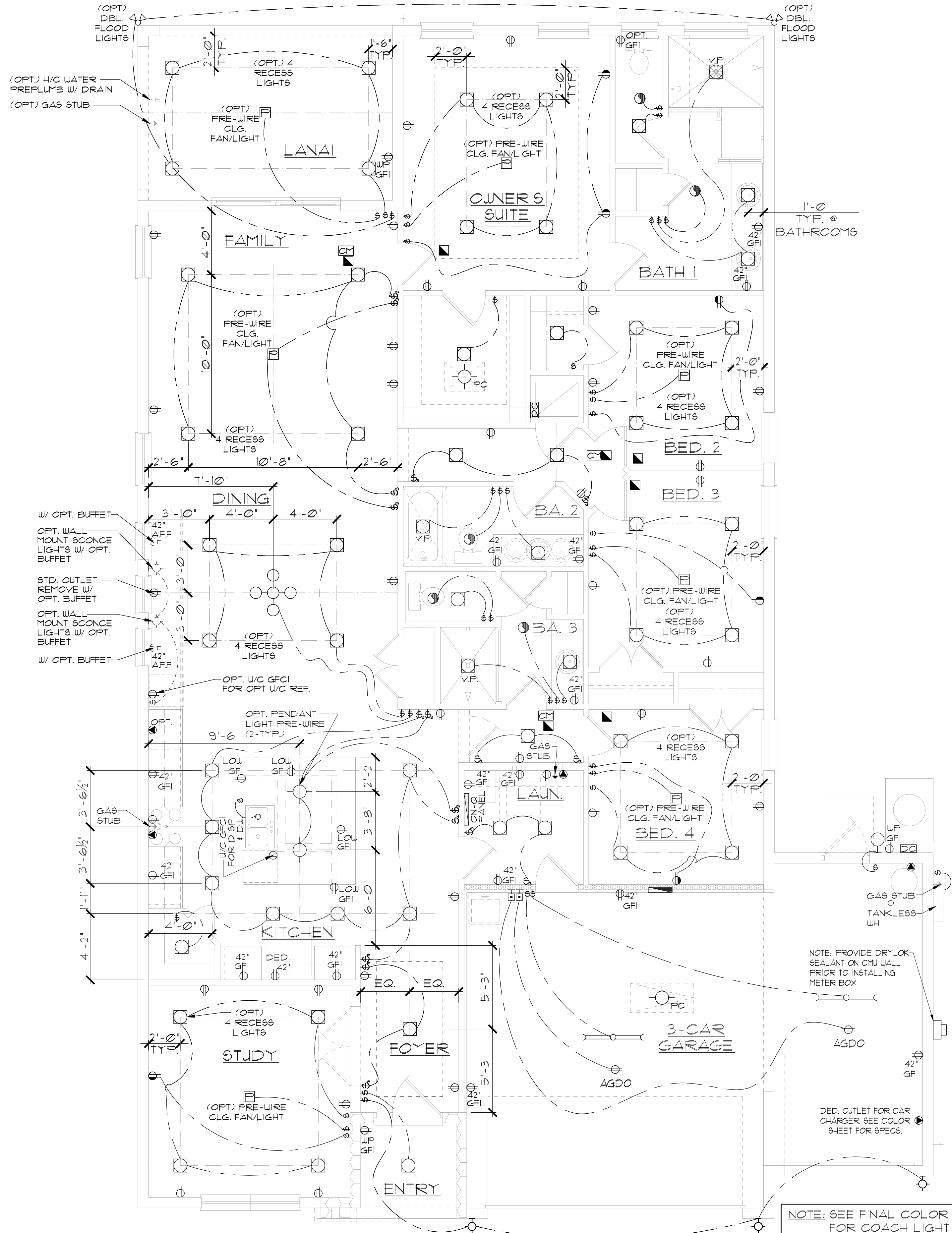
REVISIONS

DELTA #	DATE

DATE: 07-23-24
SCALE: AS NOTED
DRAIN: MR
SHEET: E1.2



1. WILL ALWAYS BE FOR PRIMARY LIGHT SOURCE:
• VANITY LIGHTS - WALL MOUNT OVER VANITIES
• RECESS CANS - CEILING
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- BATH SWITCH DETAIL**



ELECTRICAL RISER DIAGRAM
N.T.S.

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

CL. = CENTER LINE

ELEVATION D W/ 3-CAR GARAGE (THRIVE SPECS)
UTILITY PLAN

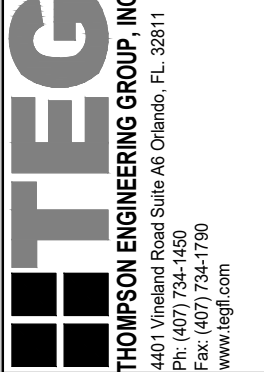
- NOTE: SEE FINAL COLOR SHEET FOR COACH LIGHT SPECS
- NOTE: SEE FINAL COLOR SHEET FOR TV, FANS & PHONE LOCATIONS
- NOTE: ELEC. CONTRACTOR TO VERIFY IF ON-Q IS NEEDED PER COMMUNITY SPECS.

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

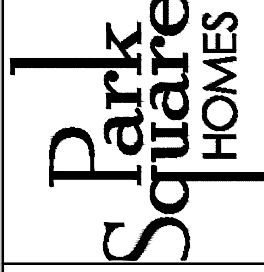
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LOT: 0000, COMMUNITY

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



UTILITY PLAN

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA #	DATE
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DATE: 07-23-24

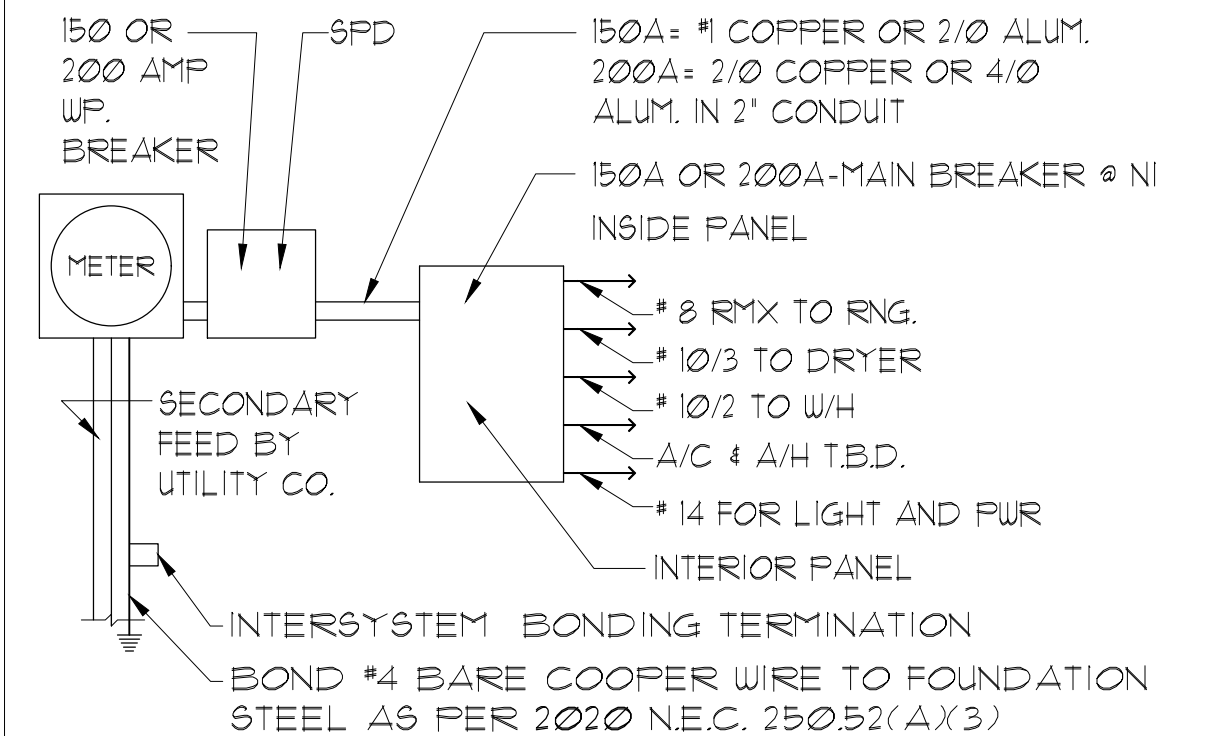
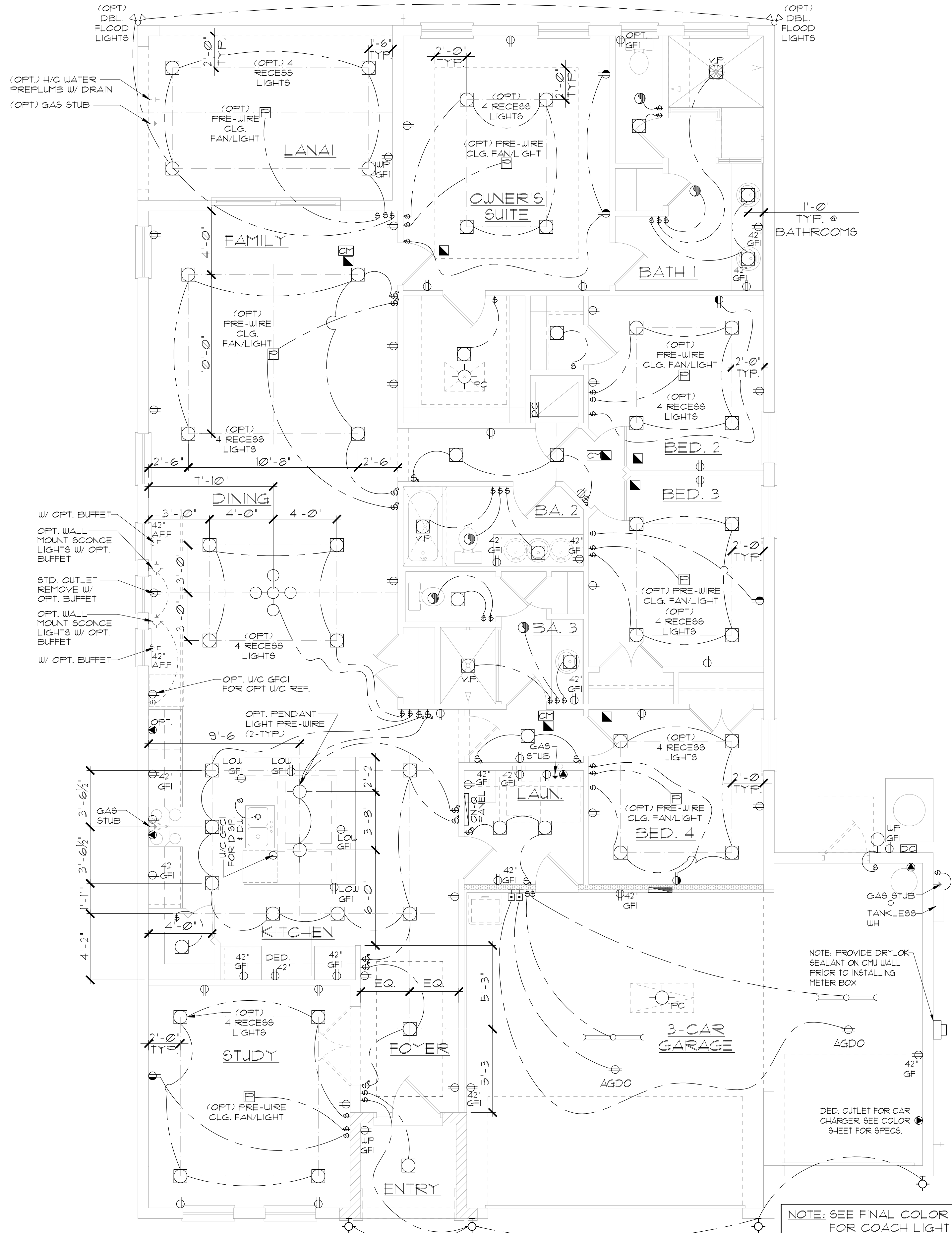
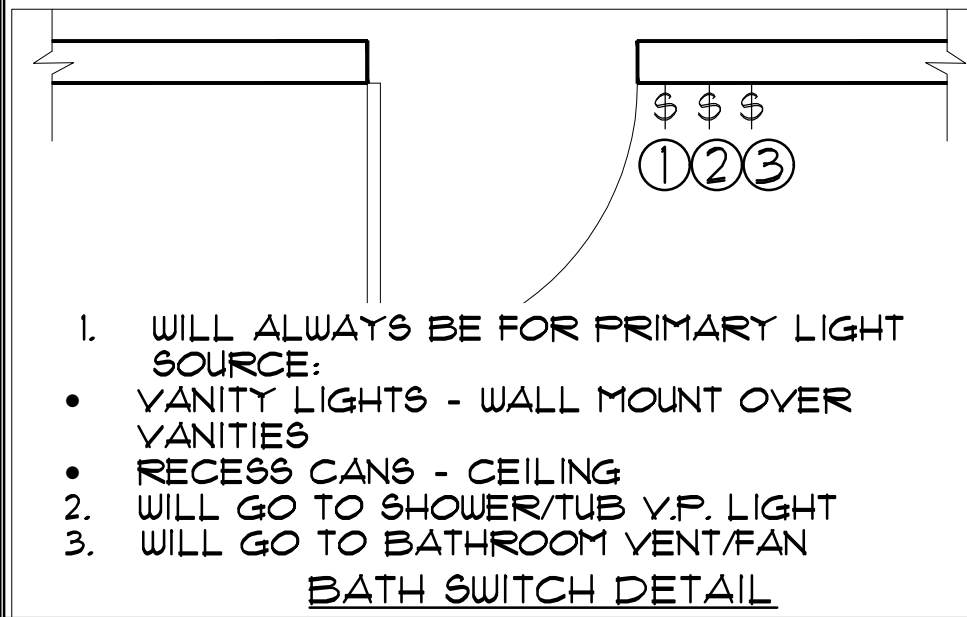
SCALE: AS NOTED

DRAWN: M/R

SHEET:

E1.2

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ELECTRICAL RISER DIAGRAM
N.T.S.

NOTES:
1. ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(A)(1) TO (6), NFPA 70 LOCAL CODES, AND THE LOCAL POWER/ UTILITY COMPANY.
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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 GFI'S	12" TO C.L.
GARAGE GFI'S (ABOVE GARAGE FLOOR)	48" TO C.L.	THERMOSTAT	54" TO C.L.
DOOR BELL CHIMES	54" TO C.L.	DOOR BELL BUTTON	84" TO C.L.
KITCHEN HOOD FAN "WHIP"	LEVEL W/ DOOR HANDLE	KITCHEN WALL HUNG MICROWAVE RECEPTACLE	66" TO C.L.
KITCHEN DISHWASHER RECEPTACLE	16" TO C.L.	KITCHEN RANGE	24" TO C.L.
KITCHEN REFRIGERATOR	48" TO C.L.	WASHER/DRYER OUTLET	36" TO C.L.
HOLLYWOOD LIGHTS	84" TO C.L.		

CL. = CENTER LINE

ELEVATION E W/ 3-CAR GARAGE (THRIVE SPECS)
UTILITY PLAN

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

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

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

Park Square HOMES

UTILITY PLAN

2385 HAMPTON II
FLORIDA SERIES

REVISIONS	
DELTA #	DATE
DATE:	07-23-24
SCALE:	AS NOTED
DRAWN:	MR
SHEET:	E1.2

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. WILL ALWAYS BE FOR PRIMARY LIGHT SOURCE:

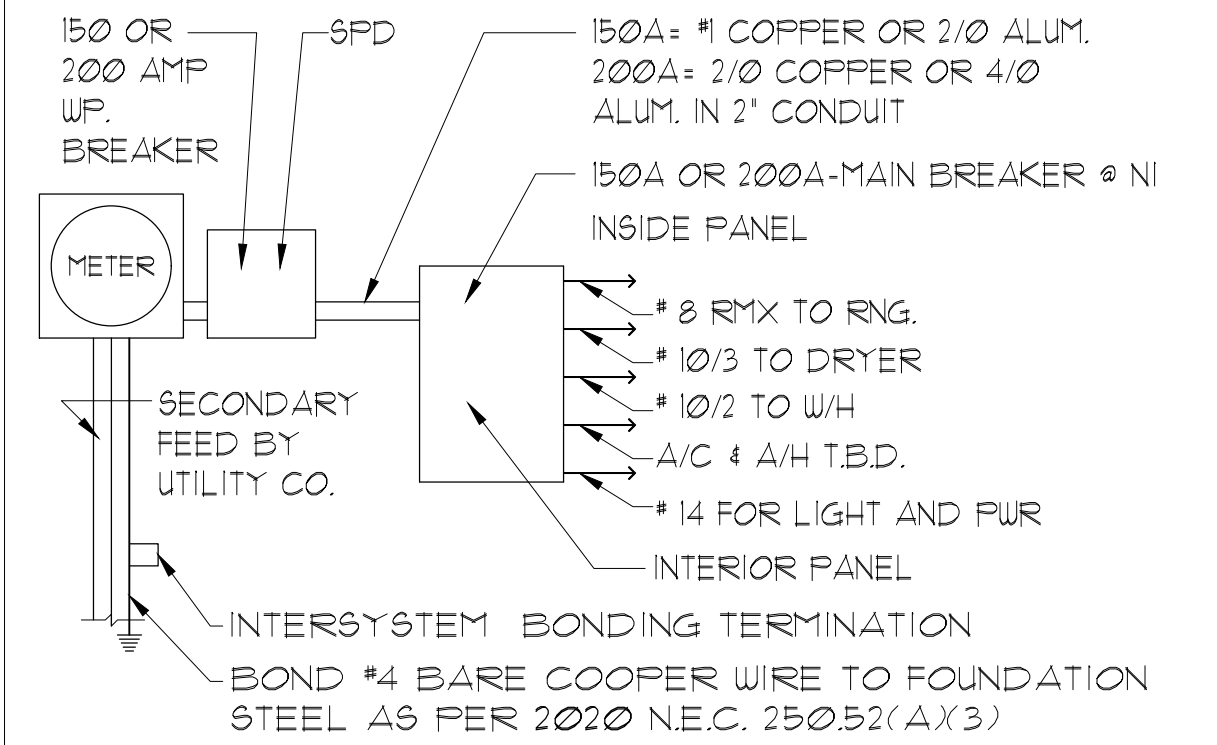
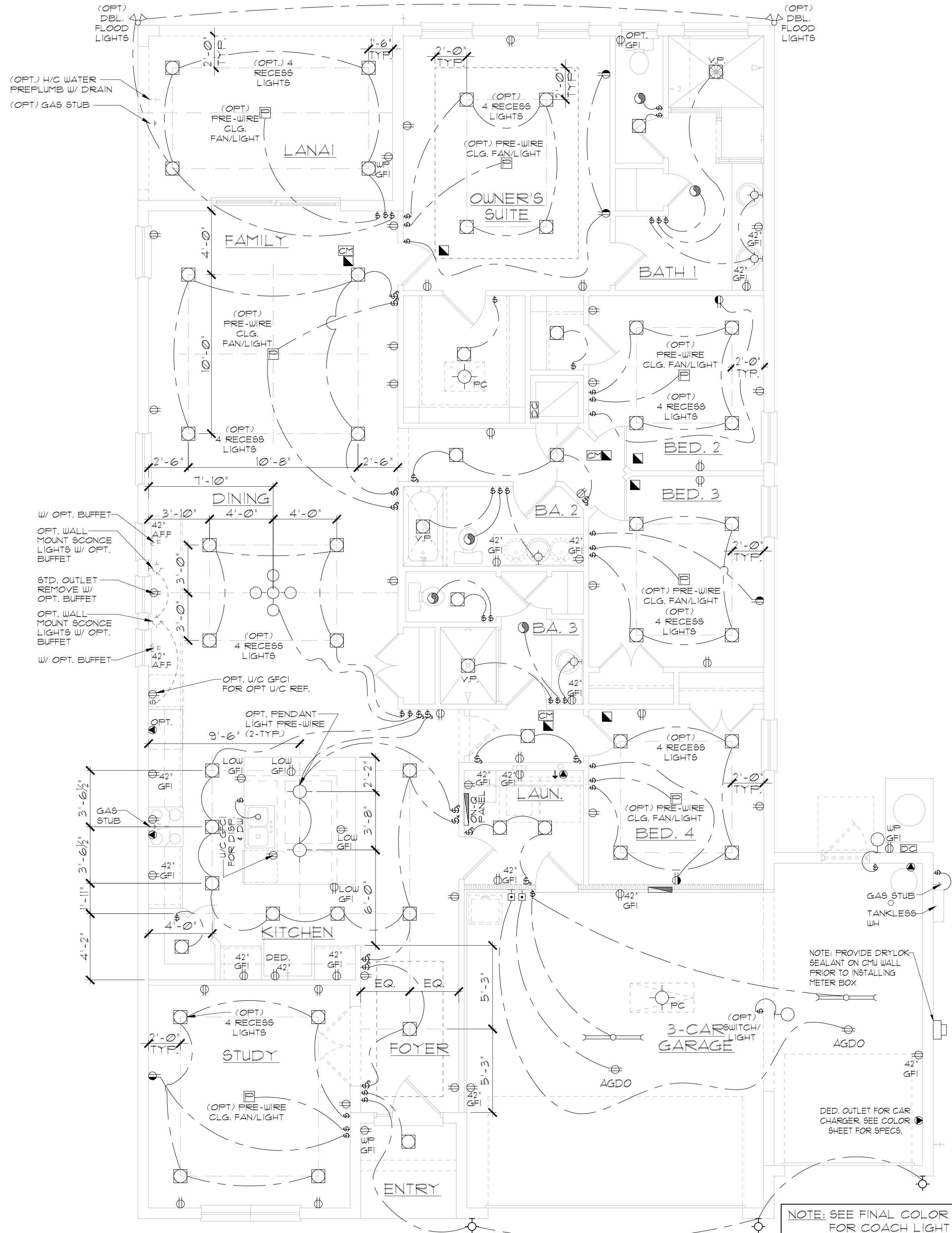
• VANITY LIGHTS - WALL MOUNT OVER VANITIES

• RECESS CANS - CEILING

2. WILL GO TO SHOWER/TUB V.P. LIGHT

3. WILL GO TO BATHROOM VENT/FAN

BATH SWITCH DETAIL



NOTES:
1. ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(A)(1) TO (6), NFPA 70, LOCAL CODES, AND THE LOCAL POWER/ UTILITY COMPANY.
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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 CL.	
REMAINING SWITCHES		48" TO CL.	
WALL OUTLETS		12" TO CL.	
TELEPHONE OUTLETS		12" TO CL.	
TELEVISION OUTLETS		12" TO CL.	
EXTERIOR GFI'S		12" TO CL.	
GARAGE GFI'S (ABOVE GARAGE FLOOR)		48" TO CL.	
THERMOSTAT		54" TO CL.	
DOOR BELL CHIMES		84" TO CL.	
DOOR BELL BUTTON		LEVEL W/ DOOR HANDLE	
KITCHEN HOOD FAN "WHIP"		66" TO CL.	
KITCHEN WALL HUNG MICROWAVE RECEPTACLE		16" TO CL.	
KITCHEN DISHWASHER RECEPTACLE		UNDER SINK	
KITCHEN RANGE		24" TO CL.	
KITCHEN REFRIGERATOR		48" TO CL.	
WASHER/DRYER OUTLET		36" TO CL.	
HOLLYWOOD LIGHTS		84" TO CL.	

NOTE: SEE FINAL COLOR SHEET FOR COACH LIGHT SPECS
NOTE: SEE FINAL COLOR SHEET FOR TV, FANS & PHONE LOCATIONS
NOTE: ELEC. CONTRACTOR TO VERIFY IF ON-O IS NEEDED PER COMMUNITY SPECS.
CL. = CENTER LINE
ELEVATION A W/ 3-CAR GARAGE (STANDARD SPECS)
UTILITY PLAN
1/8"=1'-0" (11X17) 1/4"=1'-0" (22X34)

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LOT: 0000, COMMUNITY

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA #	DATE

DATE: 07-23-24
SCALE: AS NOTED
DRAWN: M/R
SHEET: E1.3

UTILITY PLAN

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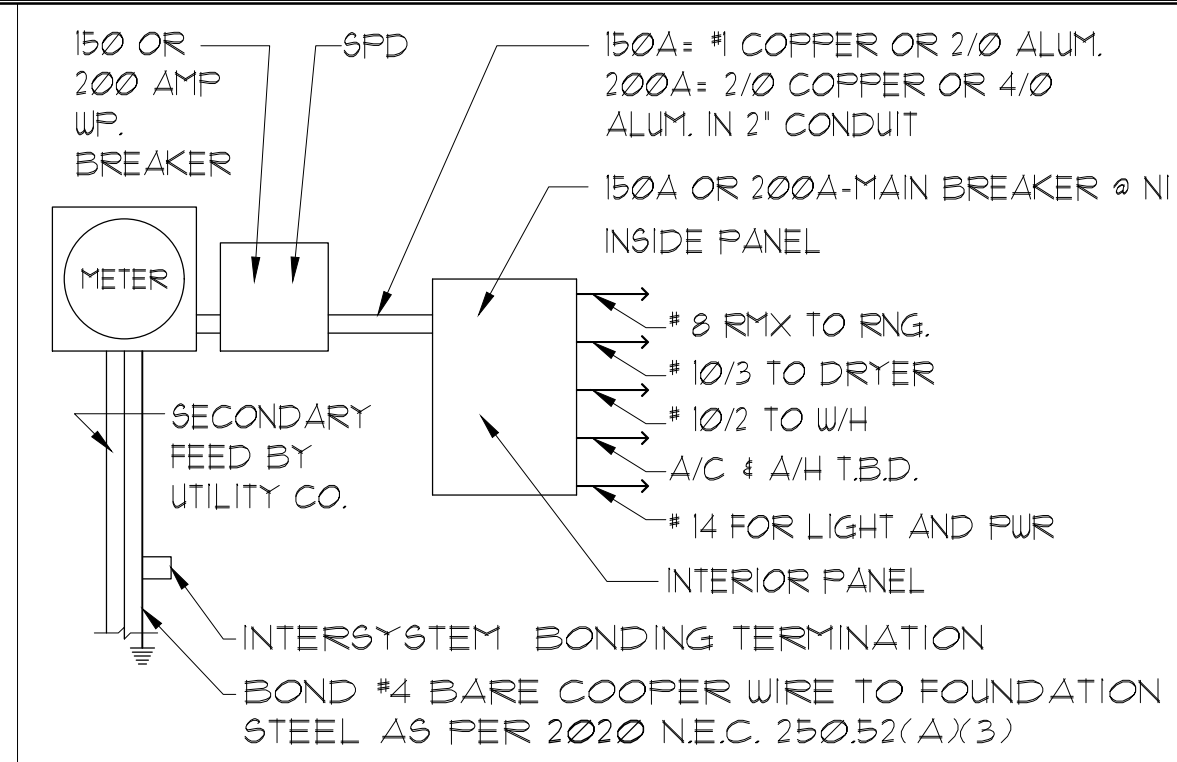
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ELECTRICAL LEGEND

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

SWITCHES AND WALL OUTLETS OVER COUNTERS	48" TO C.
REMAINING SWITCHES	48" TO C.
WALL OUTLETS	12" TO C.
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KITCHEN RANGE	24" TO C.
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WASHER/DRYER OUTLET	36" TO C.
HOLLYWOOD LIGHTS	84" TO C.

ELEVATION B&C W/ 3-CA

1/8"=1'-0" (11x17) 1/4"=1'-0" (22x3)

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www.tegfi.com

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Park Square HOMES

UTILITY PLAN

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA #	DATE
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DATE: 07-23-2011

DEBAIN	K
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SHEET:

E1.3

1. WILL ALWAYS BE FOR PRIMARY LIGHT SOURCE:

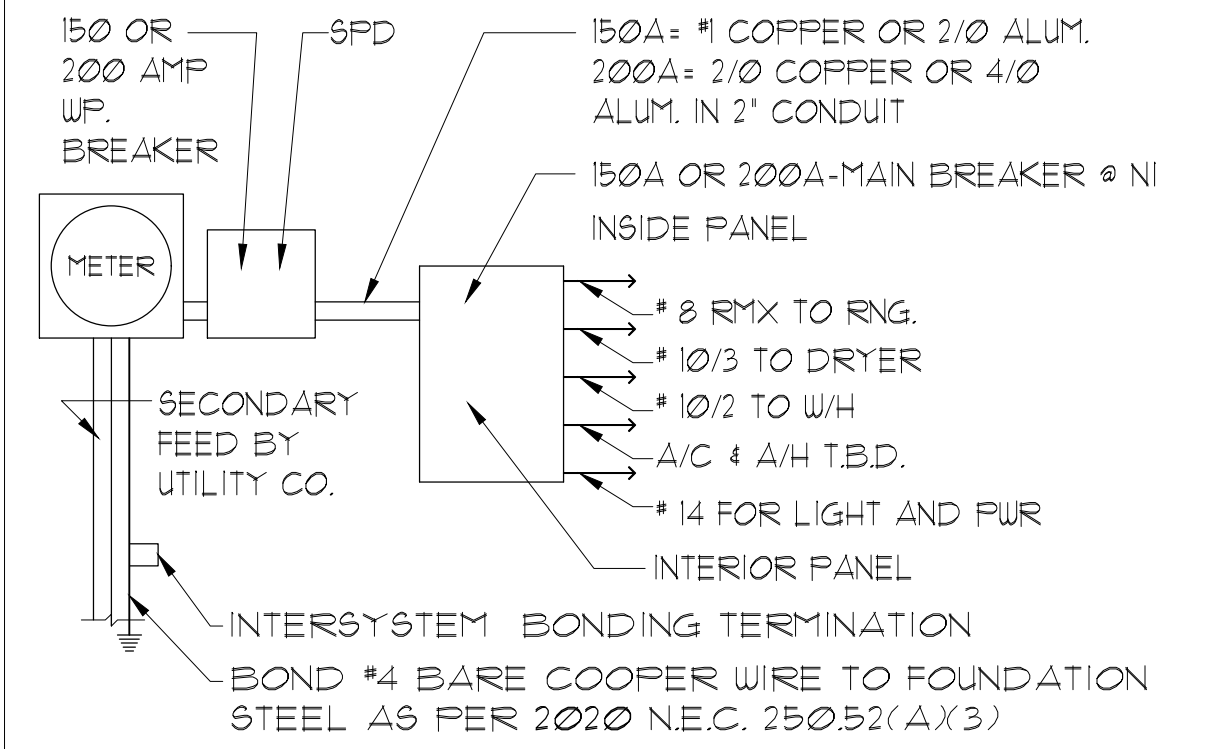
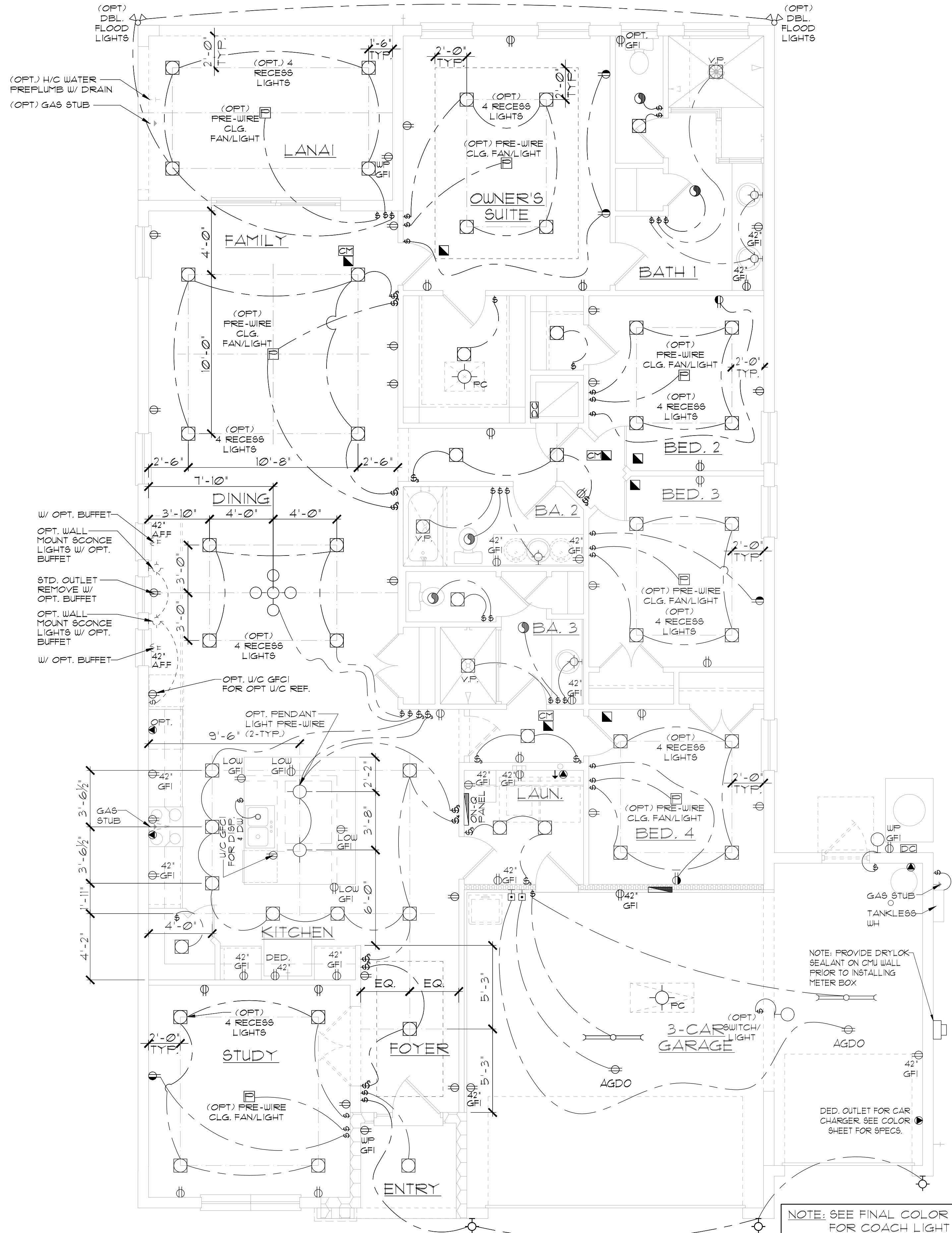
• VANITY LIGHTS - WALL MOUNT OVER VANITIES

• RECESS CANS - CEILING

2. WILL GO TO SHOWER/TUB V.P. LIGHT

3. WILL GO TO BATHROOM VENT/FAN

BATH SWITCH DETAIL



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⌚	OUTLET 110-115, CEILING MOUNTED	⌚ PUSH BUTTON
⌚	OUTLET 110-115, FLOOR MOUNTED	⌚ EXHAUST FAN
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⌚	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	

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HOLLYWOOD LIGHTS	84" TO CL.		

NOTE: SEE FINAL COLOR SHEET FOR COACH LIGHT SPECS

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

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

ELEVATION D W/ 3-CAR GARAGE (STANDARD SPECS)

UTILITY PLAN

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

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

LOT: 0000, COMMUNITY

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA #	DATE

DATE: 07-23-24

SCALE: AS NOTED

DRAWN: MR

SHEET: E1.3

ITEC

THOMPSON ENGINEERING GROUP, INC.

4441 Vineland Road Suite A6 Orlando, FL 32811

Phone: (407) 734-1700

www.itec.com

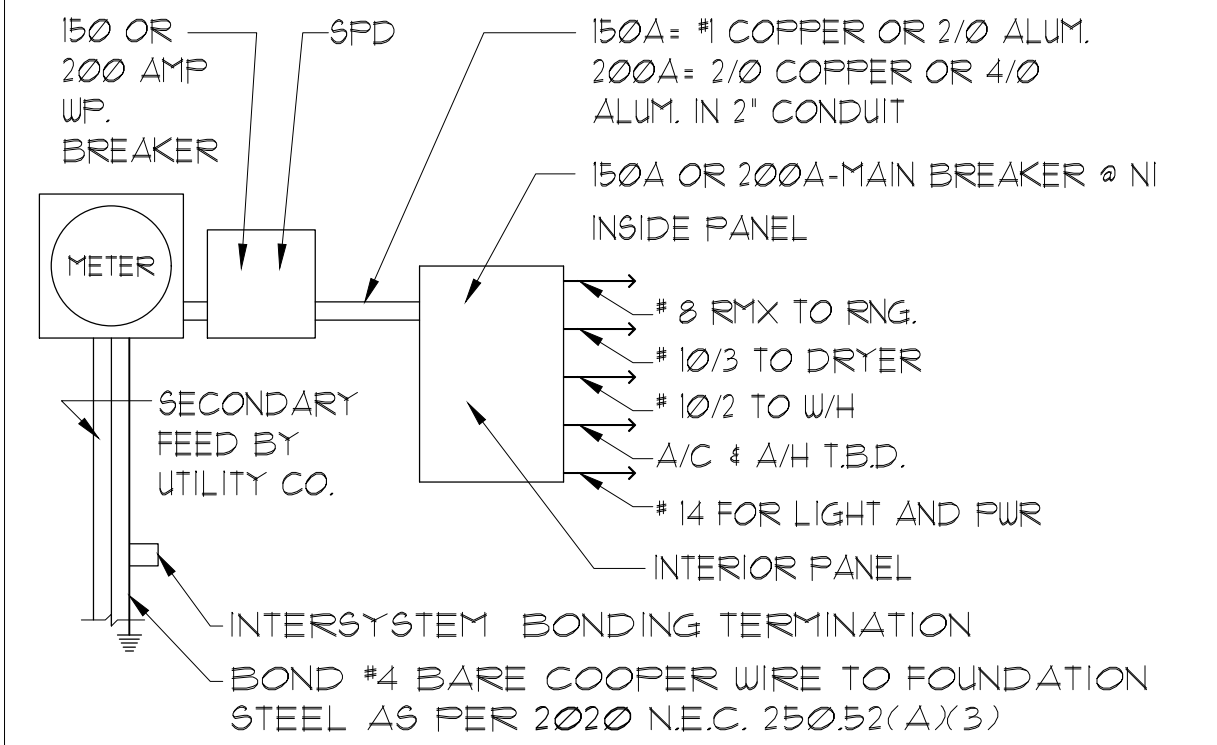
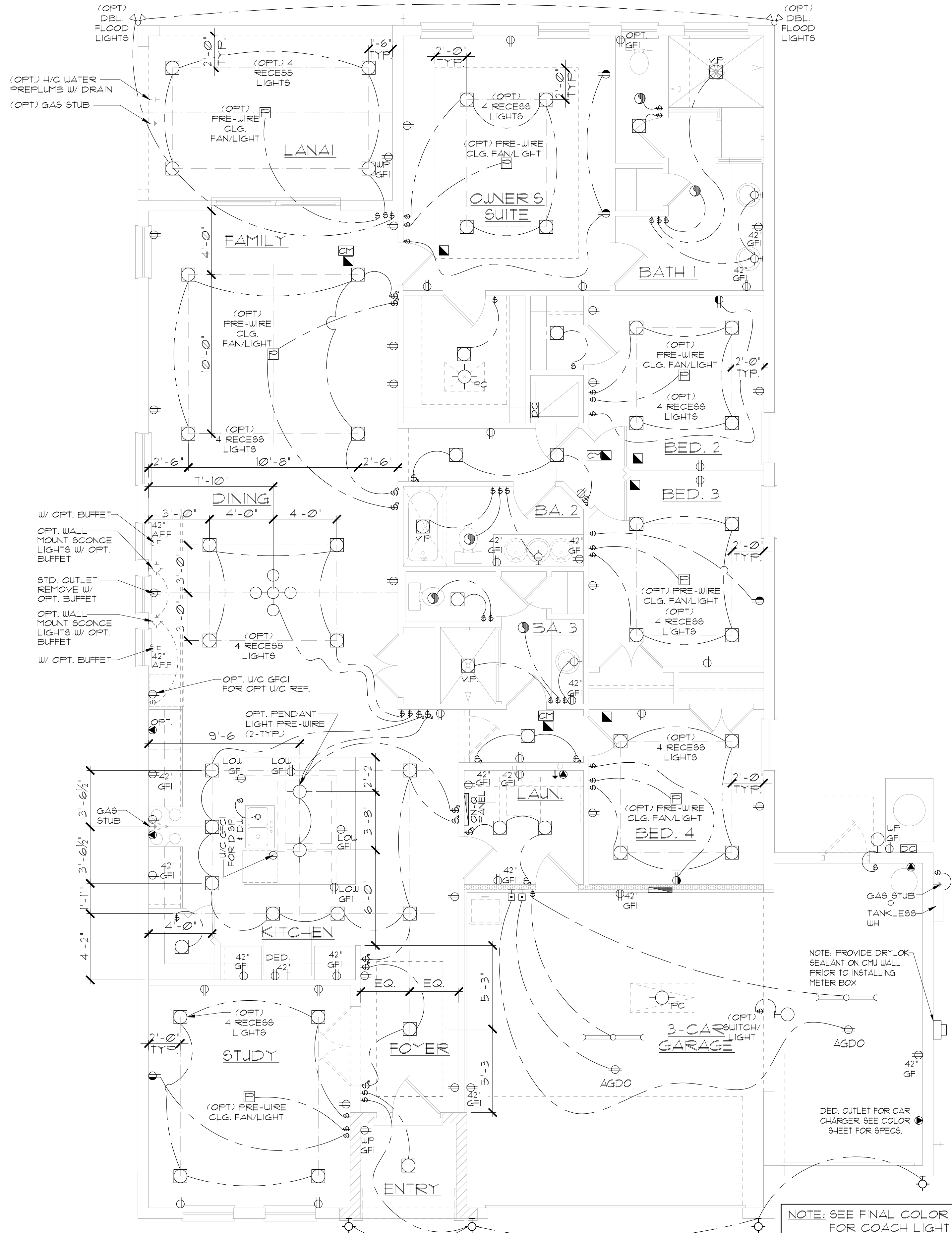
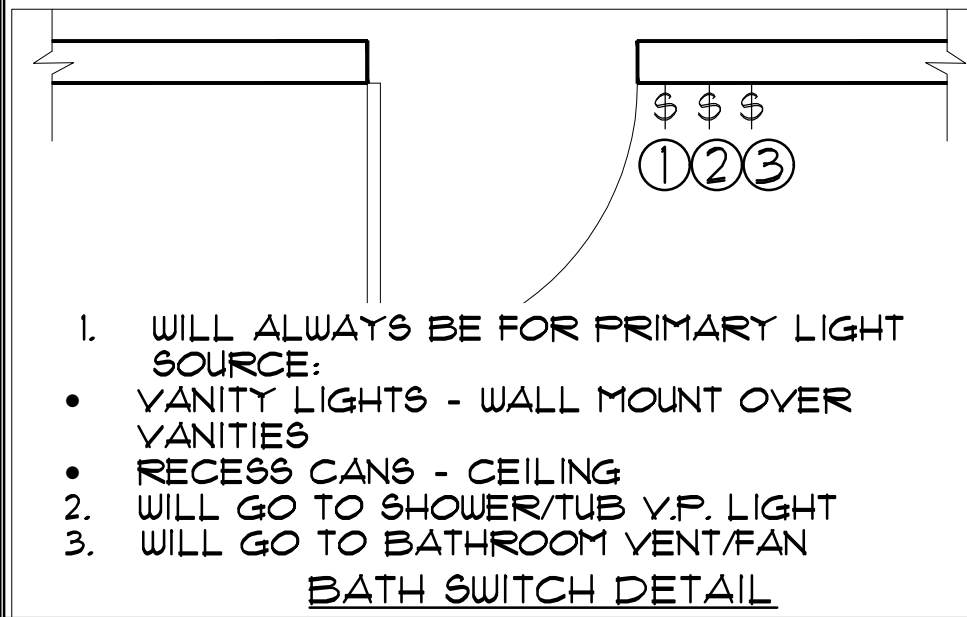
A DIVISION OF PARK SQUARE ENTERPRISES, INC.

5200 Vineland Road, Suite 200

Orlando, Florida 32811

Phone: (407) 529 - 3000

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ELECTRICAL RISER DIAGRAM
N.T.S.

NOTES:
1. ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ 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 DUELLING UNITS SHALL BE PROVIDED WITH A SURGE-PROTECTION DEVICE (SPD) THE SPD SHALL BE A TYPE 1 OR TYPE 2 SPD.
3. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFORMATION.

250.52(A)(3) 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-O PANEL
⊙	LED LIGHT FIXTURE, RECESSED	⊞	ELECTRICAL PANEL
⊞	LIGHT FIXTURE, RECESSED ADJUST.	⊞	CEILING FAN, PREWIRE
⊞	LIGHT FIXTURE, PULL CHAIN	⊞	CEILING FAN, INSTALL
⊞	LED LIGHT FIXTURE, FLUORESCENT	⊞	ELEC. JUNCTION BOX
⊞	LIGHT FIXTURE, EXTERIOR FLOODS	⊞	THERMOSTAT
⊞	LIGHT FIXTURE, EMERGENCY EXIT	⊞	DISCONNECT SWITCH
⊞	LIGHT FIXTURE, EXIT/BACKUP	⊞	ELEC. POWER METER
⊞	OUTLET, TV/CABLE		

ELECTRICAL DEVICES **ABOVE FIN. FLR.**

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

C.L. = CENTER LINE

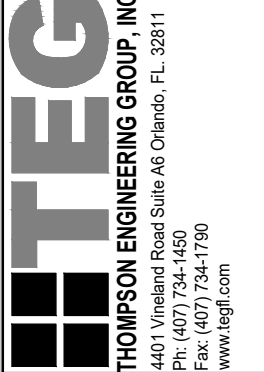
ELEVATION E W/ 3-CAR GARAGE (STANDARD SPECS)
UTILITY PLAN
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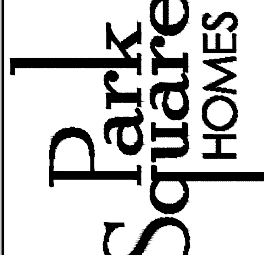
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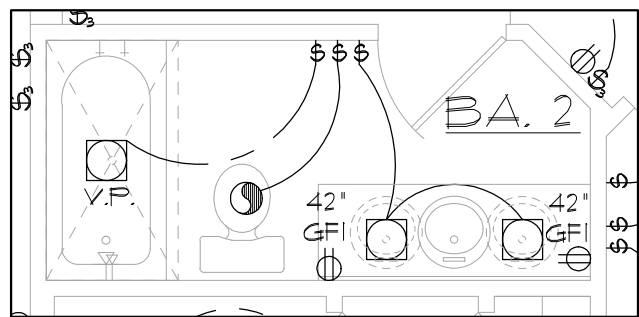
A DIVISION OF PARK SQUARE ENTERPRISES, INC.
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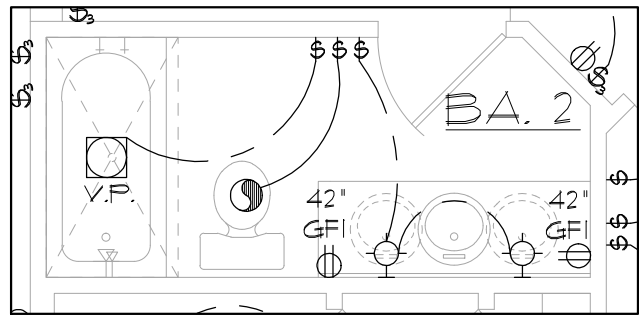
UTILITY PLAN

2385 HAMPTON II
FLORIDA SERIES

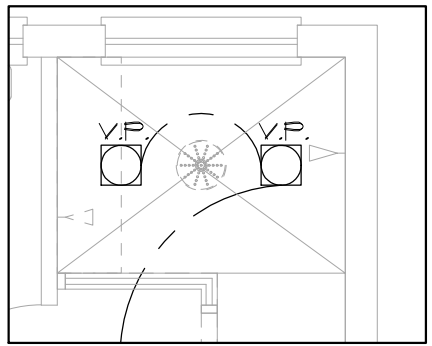
REVISIONS	
DELTA #	DATE
DATE:	07-23-24
SCALE:	AS NOTED
DRAWN:	MR
SHEET:	E1.3



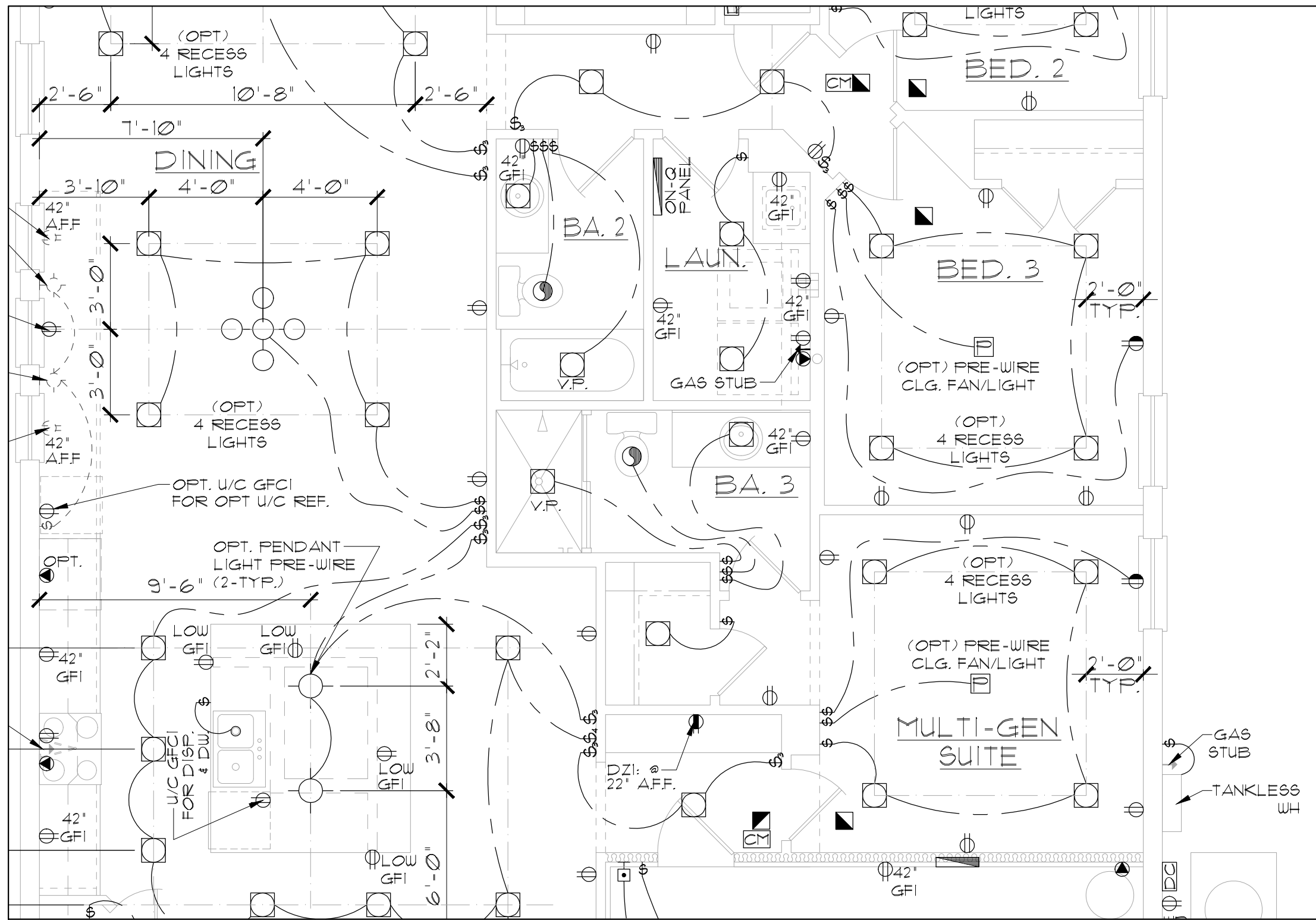
OPT. DUAL SINKS @ BATH 2 (THRIVE SPECS)



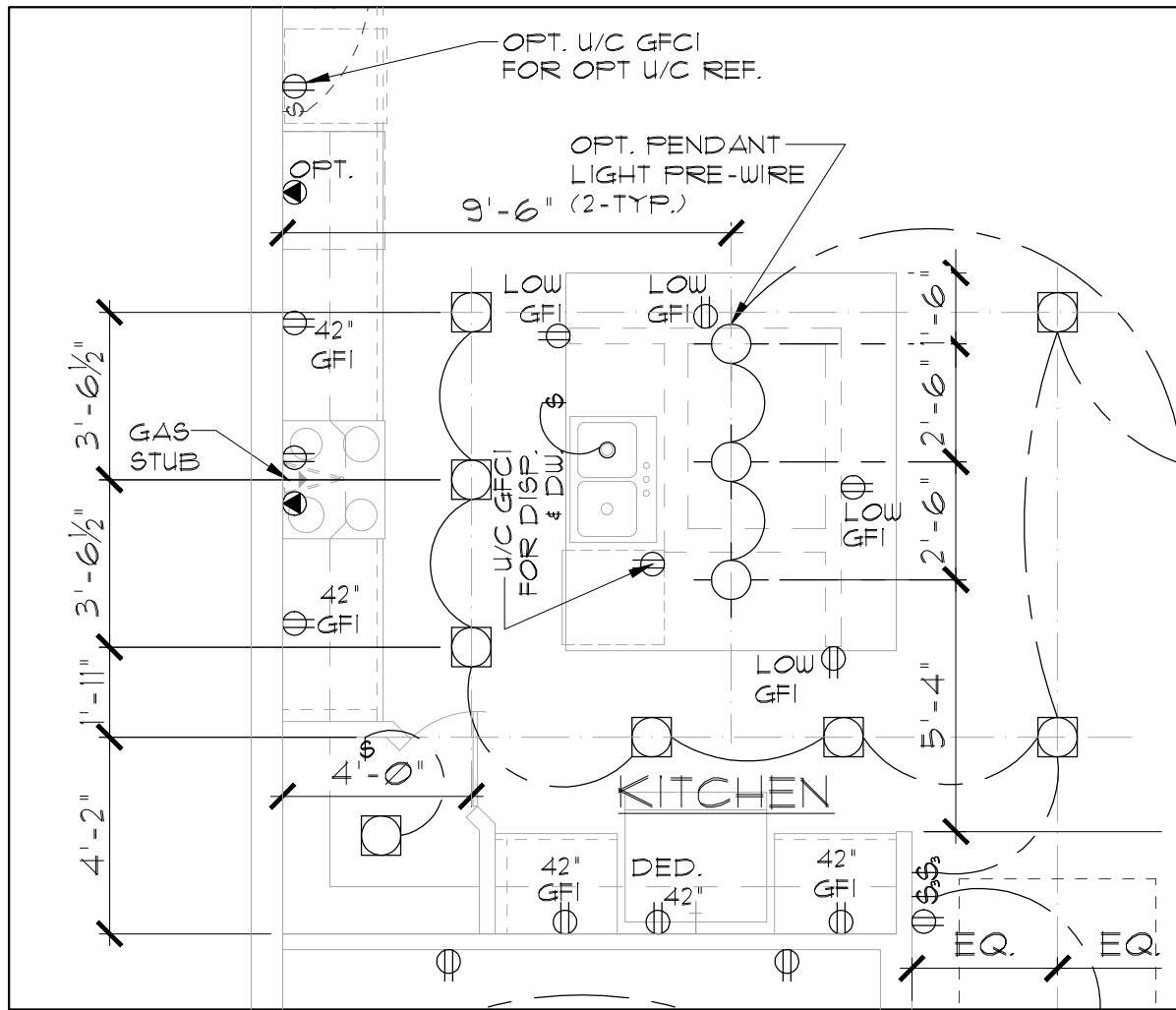
OPT. DUAL SINKS @ BATH 2 (STD SPECS)



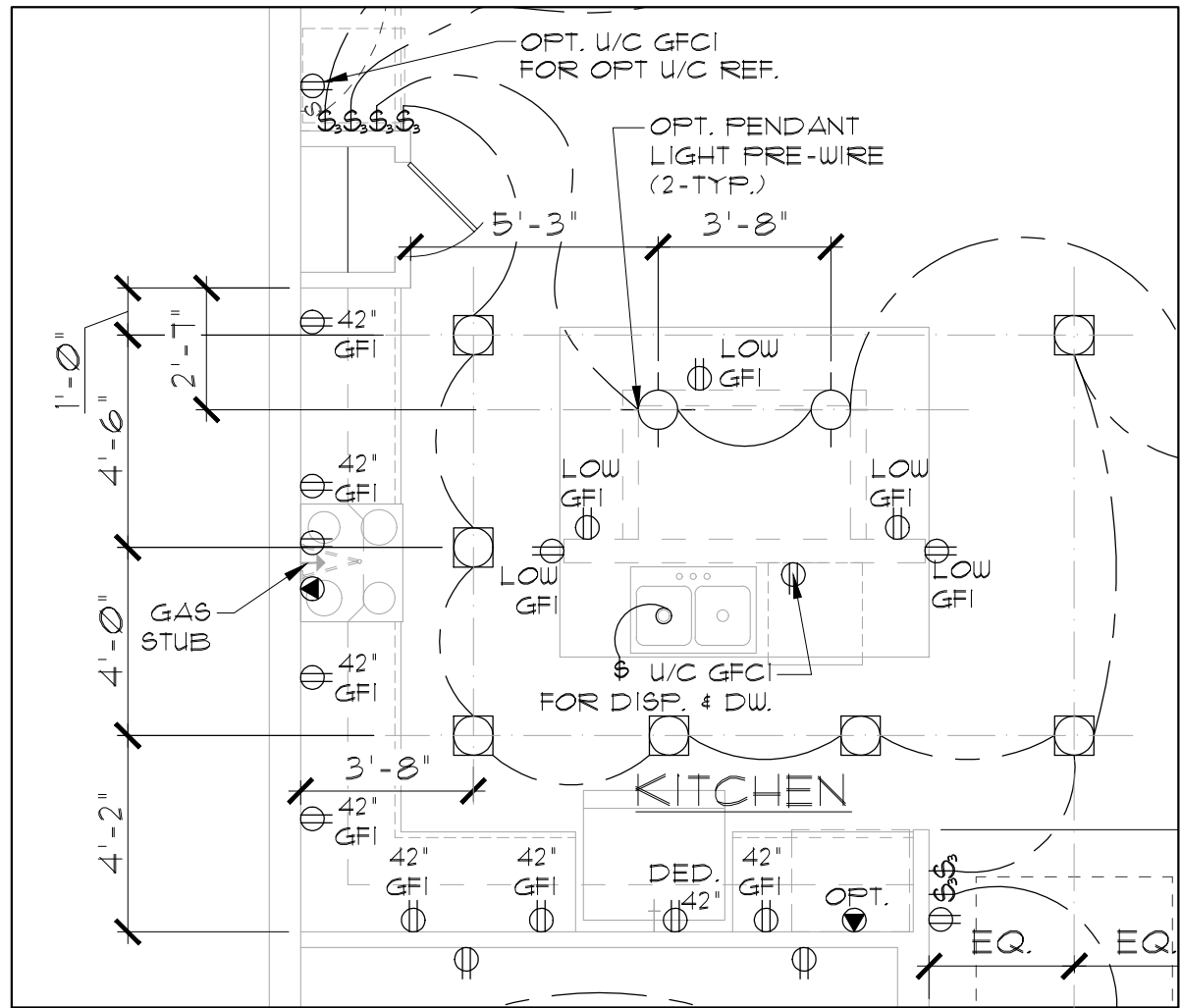
OPT. RAINSHOWER HEAD @ BA. 1



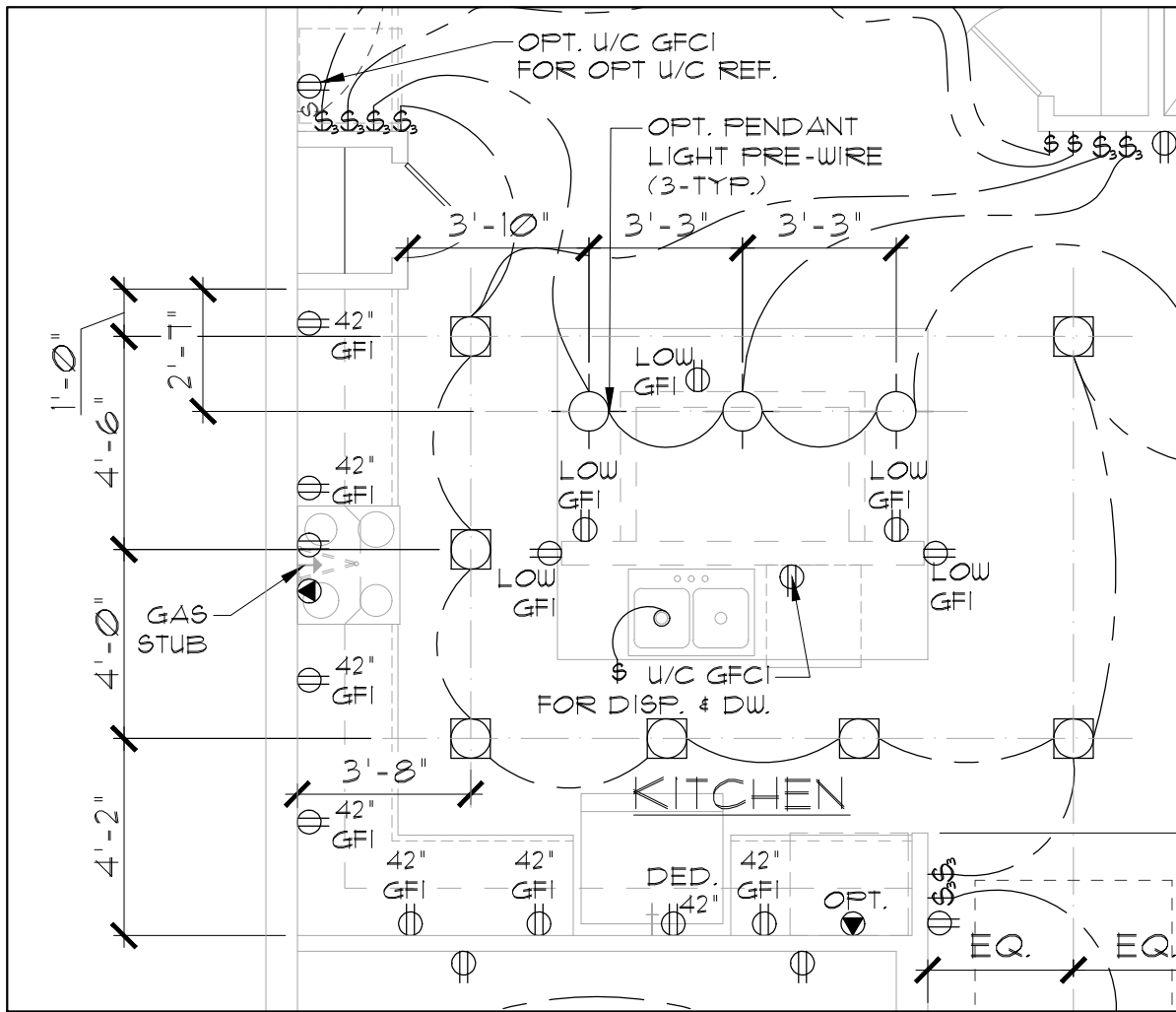
OPT. IN-LAW SUITE



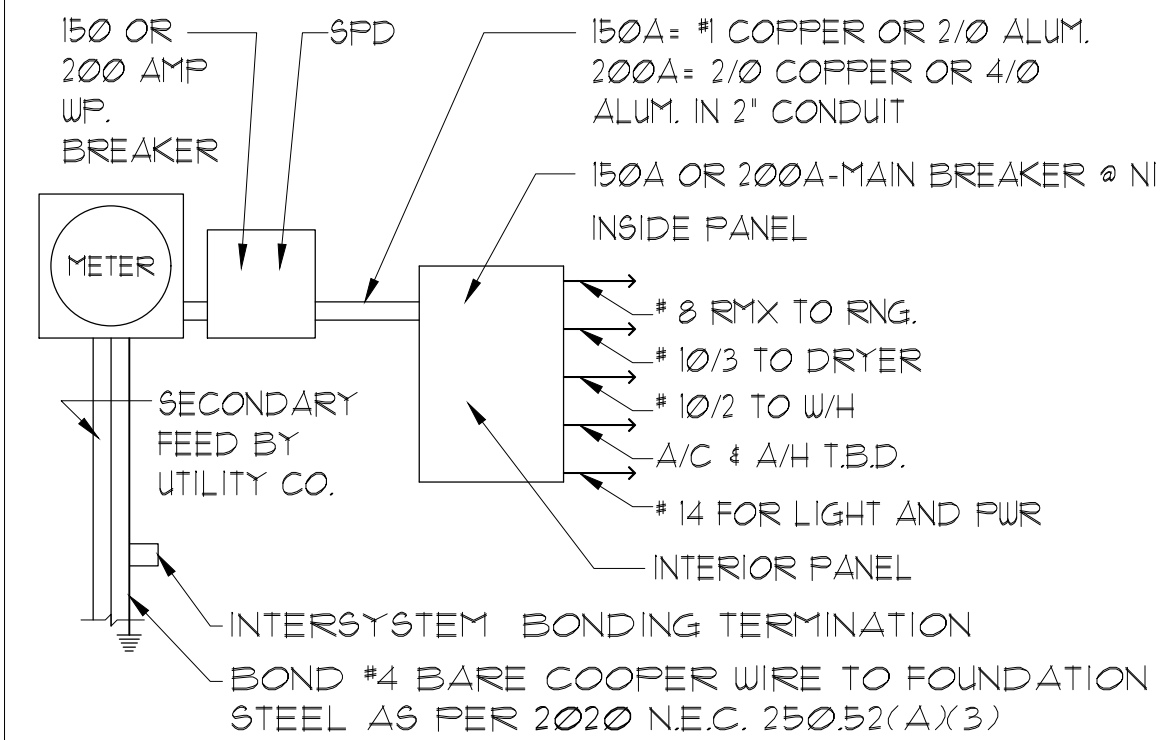
STD. KITCHEN W/ 3 PENDANT LIGHTS



OPT. KITCHEN W/ 2 PENDANT LIGHTS



OPT. KITCHEN W/ 3 PENDANT LIGHTS



ELECTRICAL RISER DIAGRAM N.T.S.

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⊙	LIGHT FIXTURE, WALL MOUNTED	⬛	ON-O PANEL
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NOTE: SEE FINAL COLOR SHEET FOR TV, FANS & PHONE LOCATIONS
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OPTIONS UTILITY PLAN

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

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LOT: 0000, COMMUNITY 2385 HAMPTON II FLORIDA SERIES

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

Park Square HOMES

UTILITY PLAN

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA #	DATE
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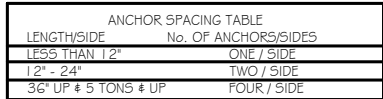
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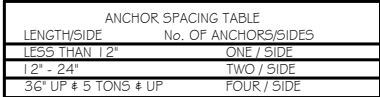


1. ■ CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
2. (B) DENOTES FILL CELL REINF. W/ CONC. W/ 1- #5 REBAR. GRADE 60. DENOTES FILL CELL RE NE_ W/ CONC. W/ 2-#5 REBAR. GRADE 60.
3. (F) DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2,500 P.S.I. 4" THICK WITH GGG 1/010 GAUGE REINFORCING MAT. W/ MIN. 0.006mm (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 SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPER-VISOR FOR CLARIFICATION.
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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 TERMITES 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.

A (Opt. In-Law Suite)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x37)

S1

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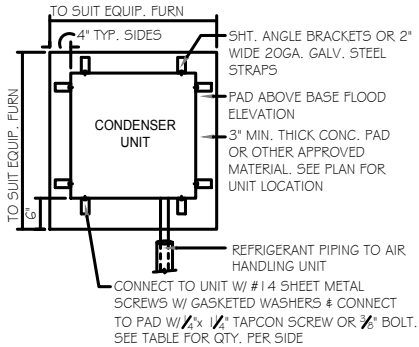


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3. (F) DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2,500 P.S.I. 4" THICK WITH GGG 1/10" GAUGE REINFORCING MAT. W/ MIN. 0.006mm (6mil) POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL. WWF SHALL BE PLACE IN MIDDLE TO UPPER THIRD OF SLAB AND SUPPORTED ON APPROVED SLAB BOLSTERS. *FIBER MESH REINFORCEMENT MAY USED AS ALTERNATIVE TO WIRE.
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S1

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

1 COND. ANCHOR DETAIL

N.T.S.

FIELD REPAIR NOTES

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

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

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

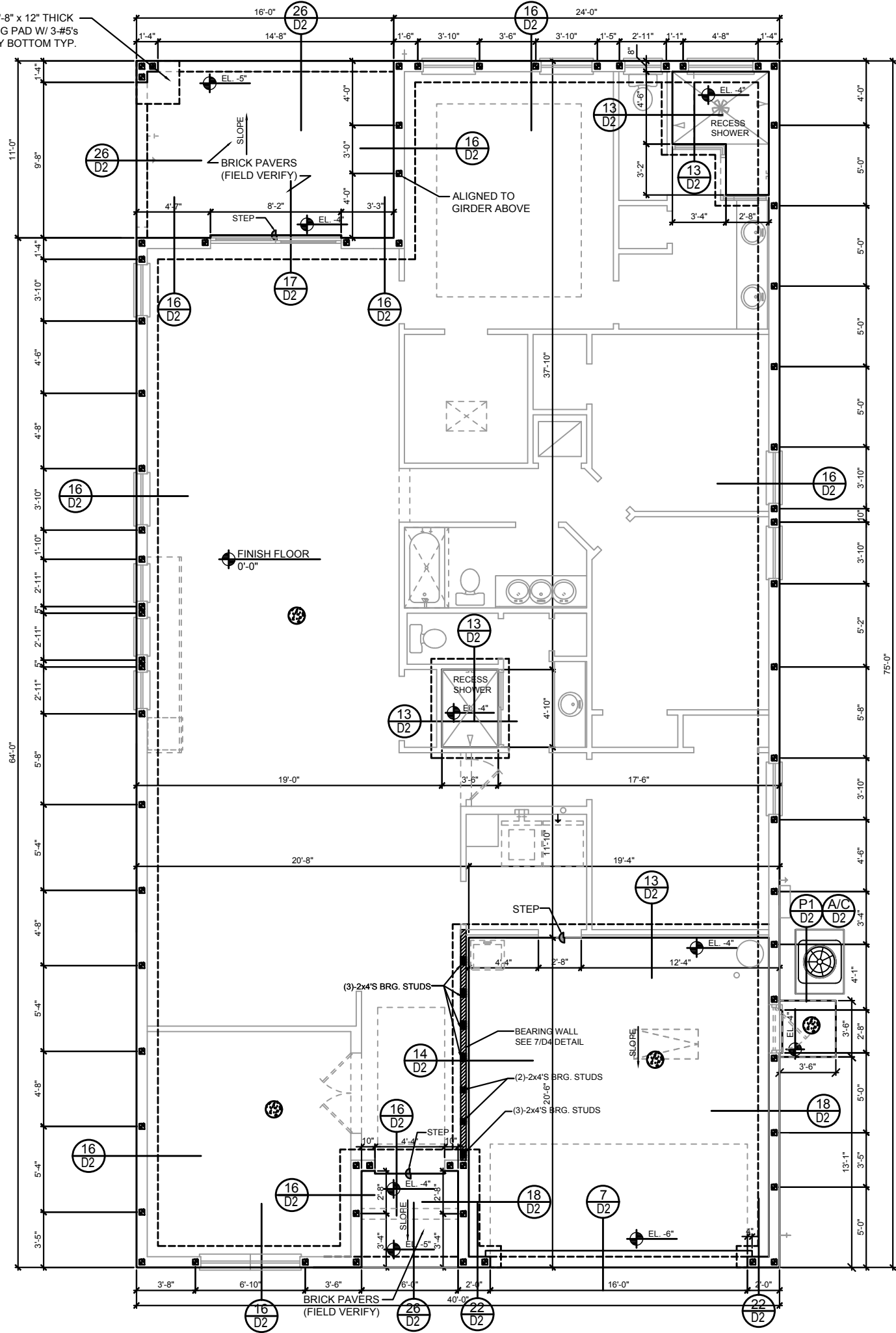
VERIFICATION OF FIELD CONDITIONS:

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

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2'-8" x 2'-8" x 12" THICK FOOTING PAD W/ 3-#5's EA. WAY BOTTOM TYP.



FOUNDATION PLAN

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

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FORT MYERS, FL 33911
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WWW.ITEG.COM

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6200 Vineland Road, Suite 200
Orlando, Florida 32811
Phone (407) 659 - 3000

Park Square
HOMES

FOUNDATION PLAN

2385 HAMPTON II

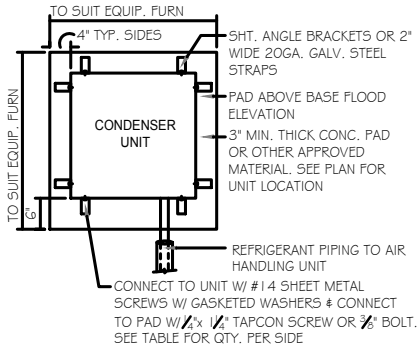
FLORIDA SERIES

REVISIONS

DELTA #	DATE
DATE:	07-23-24
SCALE:	AS NOTED
DRAWN:	MR
SHEET:	

S1

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

1 COND. ANCHOR DETAIL

N.T.S.

FIELD REPAIR NOTES

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

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

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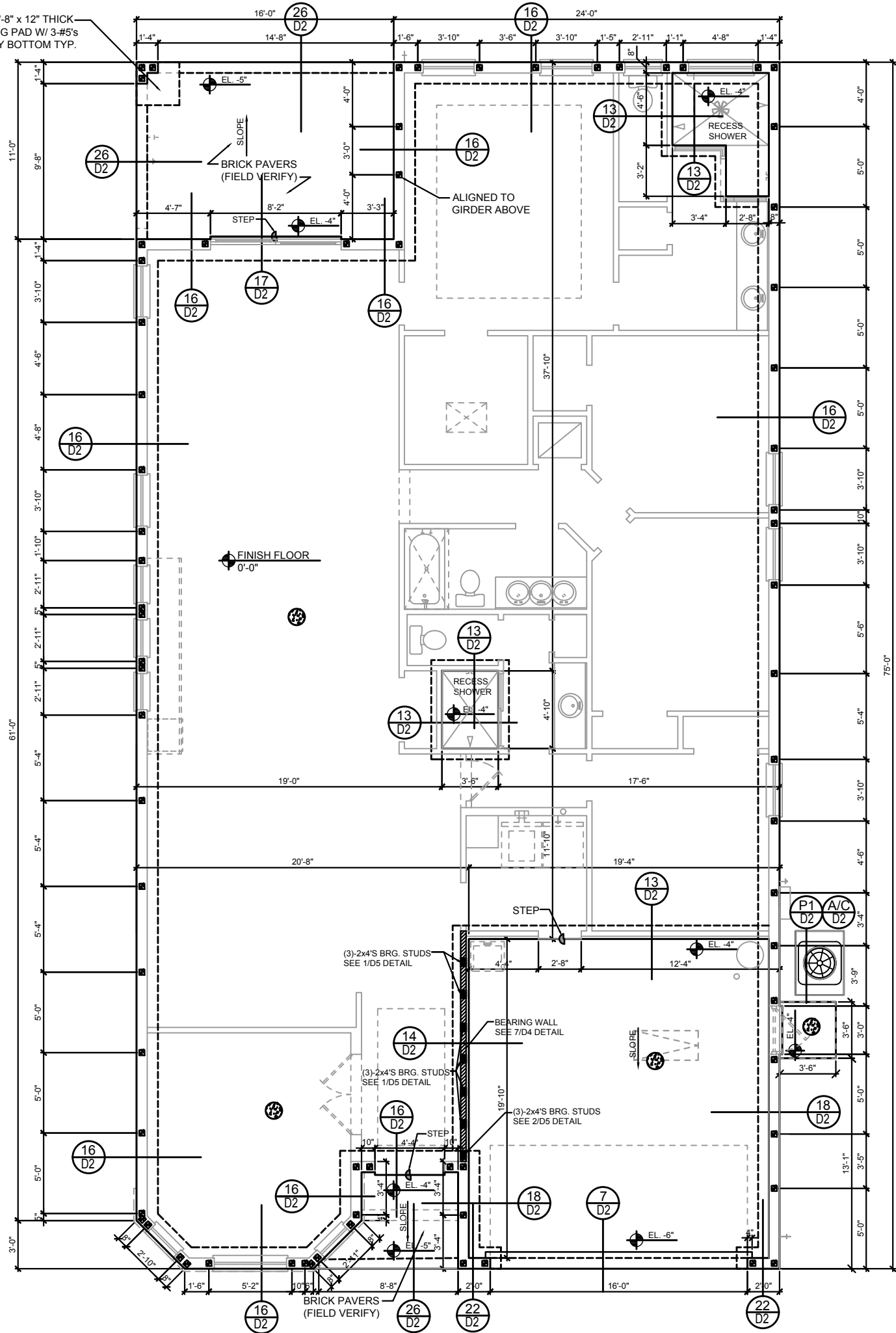
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2'-8" x 2'-8" x 12" THICK
FOOTING PAD W/ 3-#5's
EA. WAY BOTTOM TYP.



FOUNDATION PLAN

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

THIS STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE 9th EDITION, 2003 OF THE FLORIDA BUILDING CODE-RESIDENTIAL AND IS CERTIFIED AS SUCH

LOT: 0000, COMMUNITY

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Park Square Homes

FOUNDATION PLAN

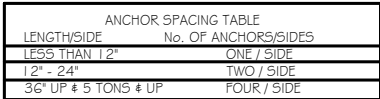
2385 HAMPTON II

FLORIDA SERIES

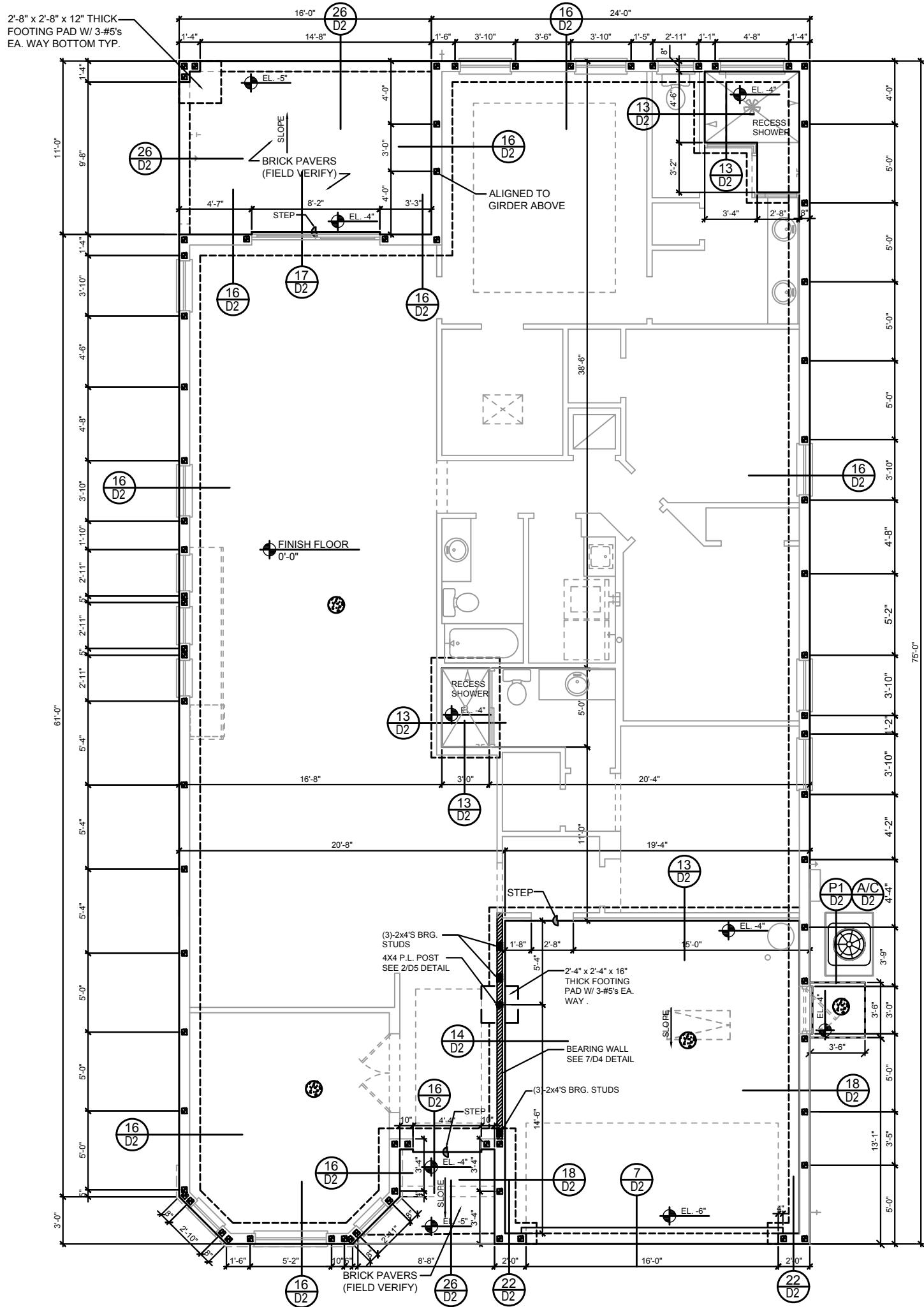
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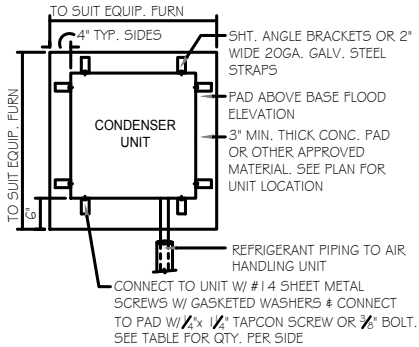
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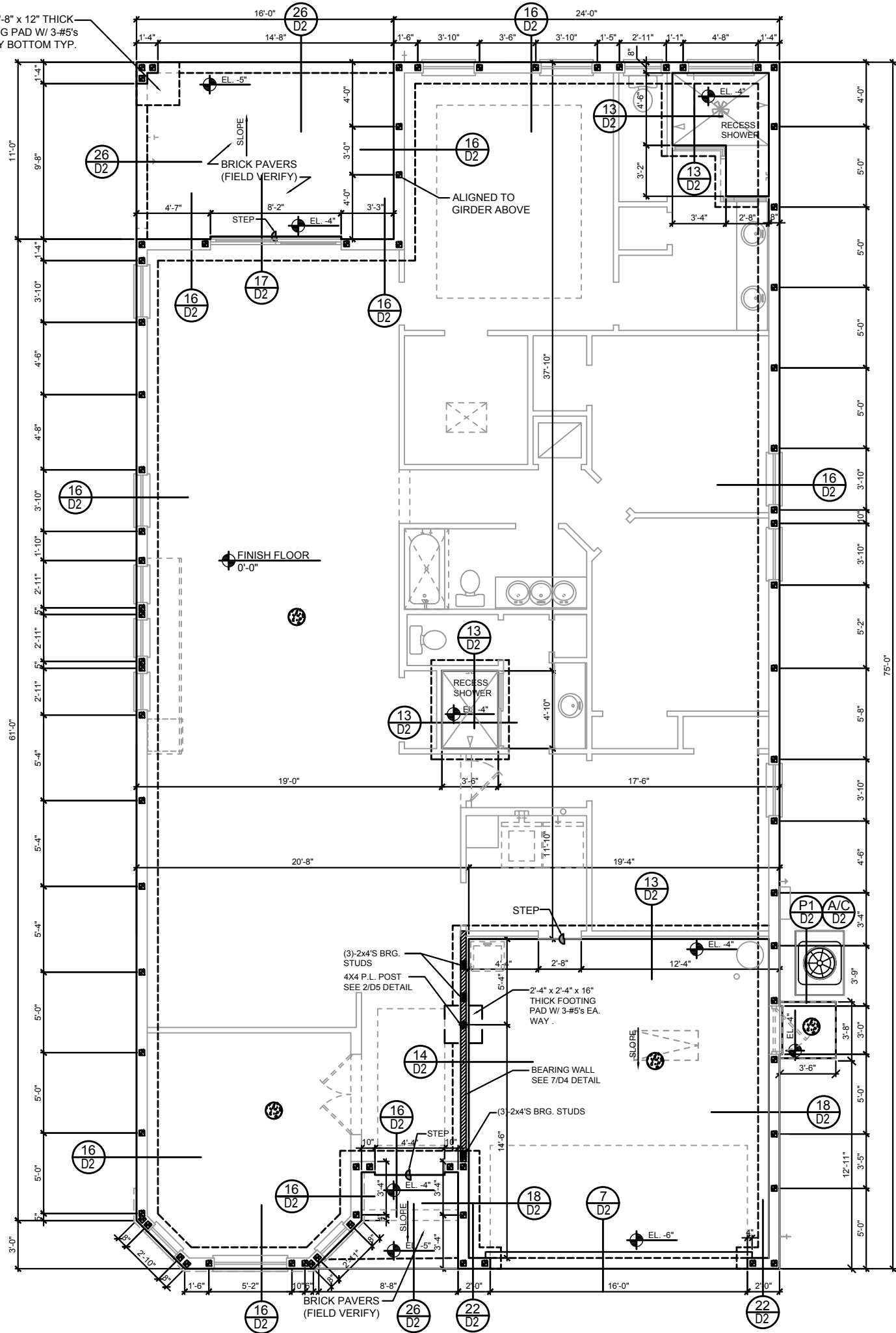
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FOUNDATION PLAN B (STANDARD BAY WINDOW) 1/8"=1'-0" (11x17) 1/4"=1'-0" (22x37)

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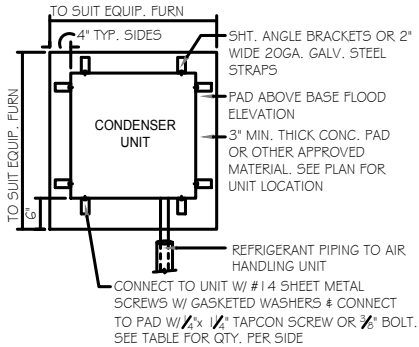
FOUNDATION PLAN

2385 HAMPTON II

FLORIDA SERIES

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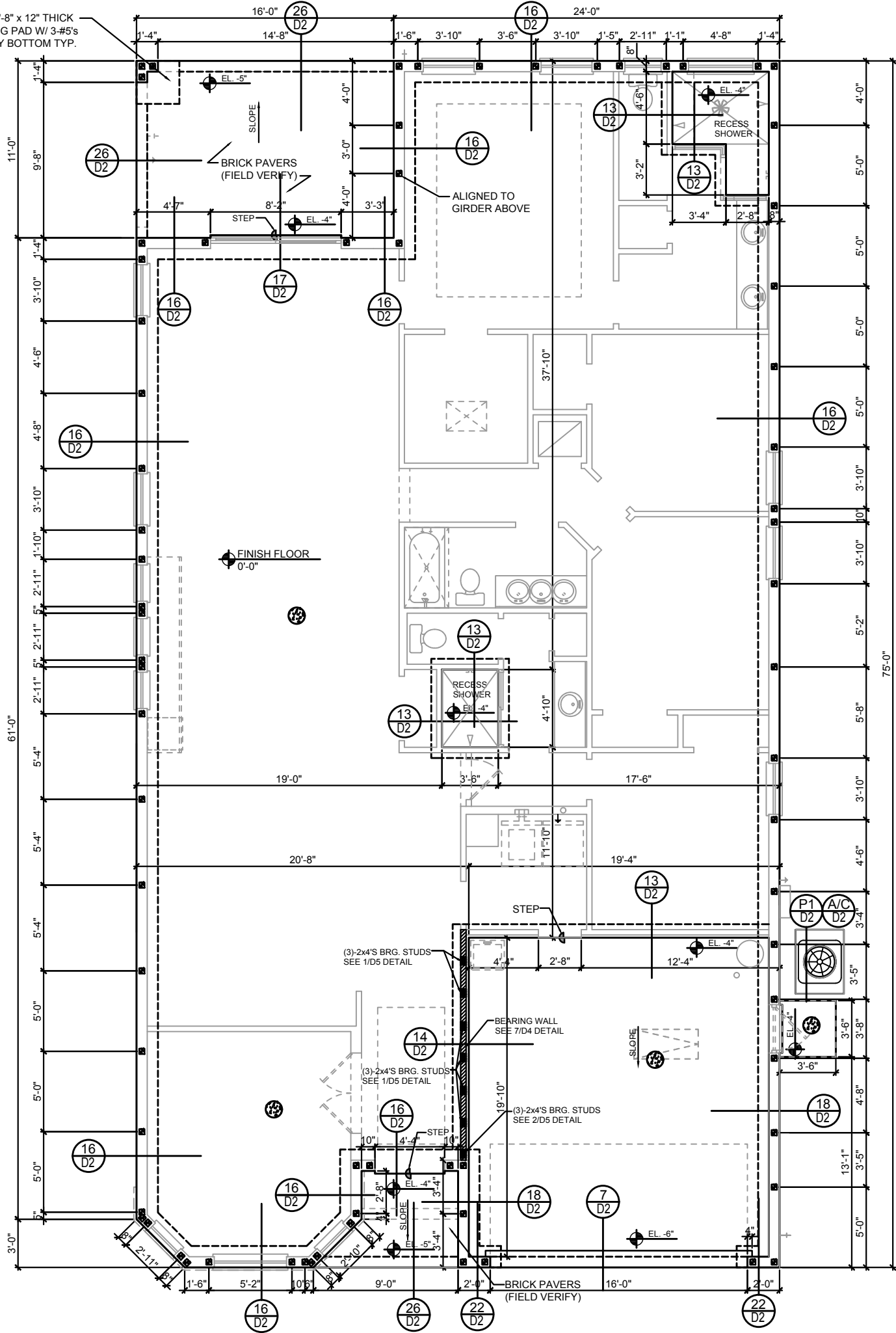
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FOUNDATION PLAN C (STANDARD BAY WINDOW) 1/8"-1'-0" (11x17) 1/4"-1'-0" (22x37)

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Park Square
HOMES

FOUNDATION PLAN

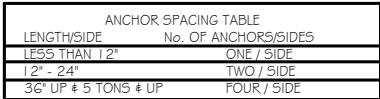
2385 HAMPTON II

FLORIDA SERIES

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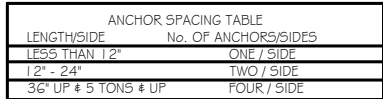


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FOUNDATION PLAN
C (Opt. In-Law Suite)
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DATE: 07-23-	
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SHEET:	

S1



1 COND. ANCHOR DETAIL
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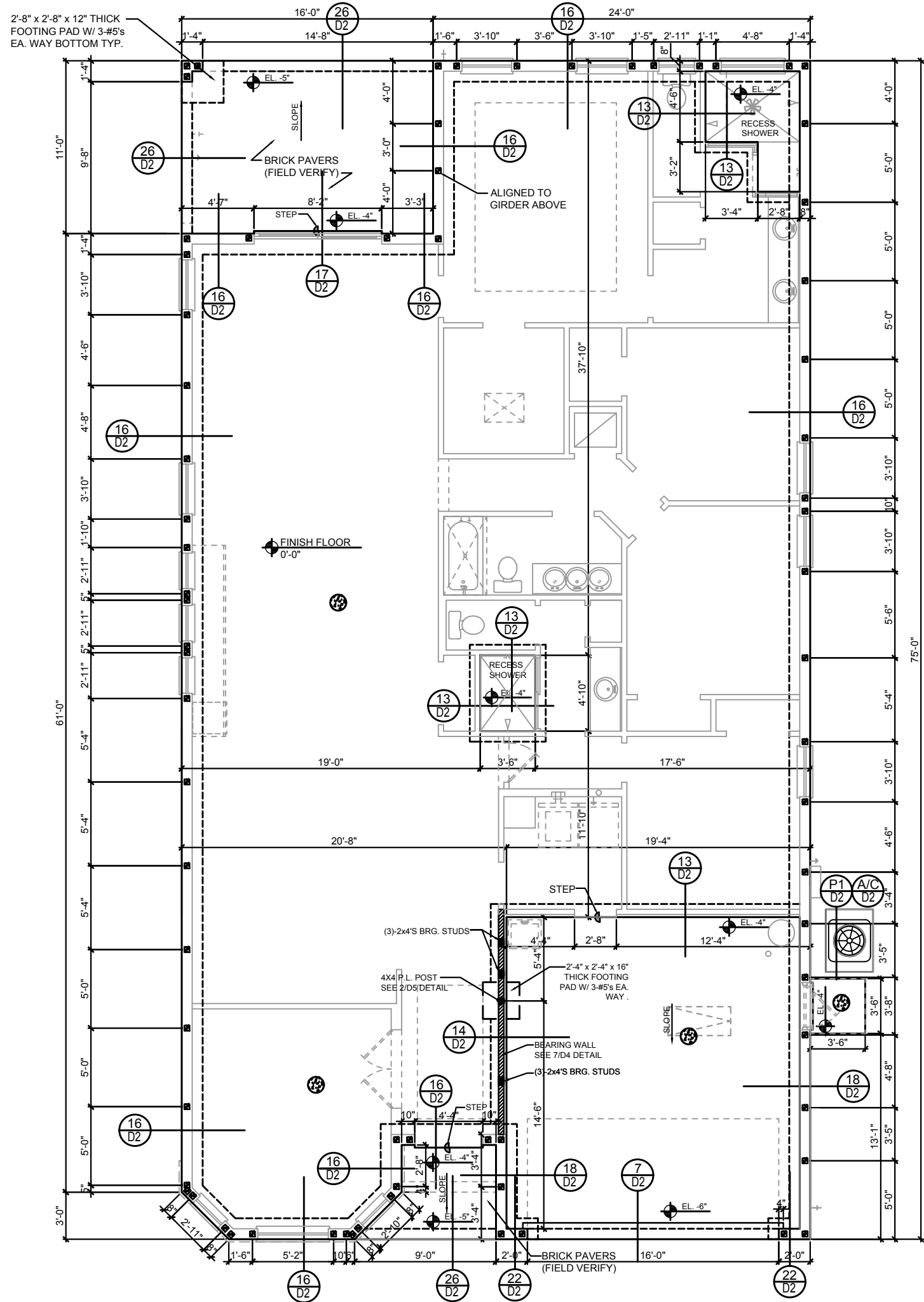
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FOUNDATION PLAN

2385 HAMPTON II

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REVISIONS

DELTA # | DATE

DATE: 07-23-2011

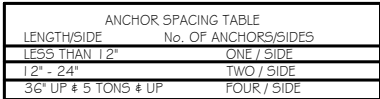
SCALE: AS NOTE

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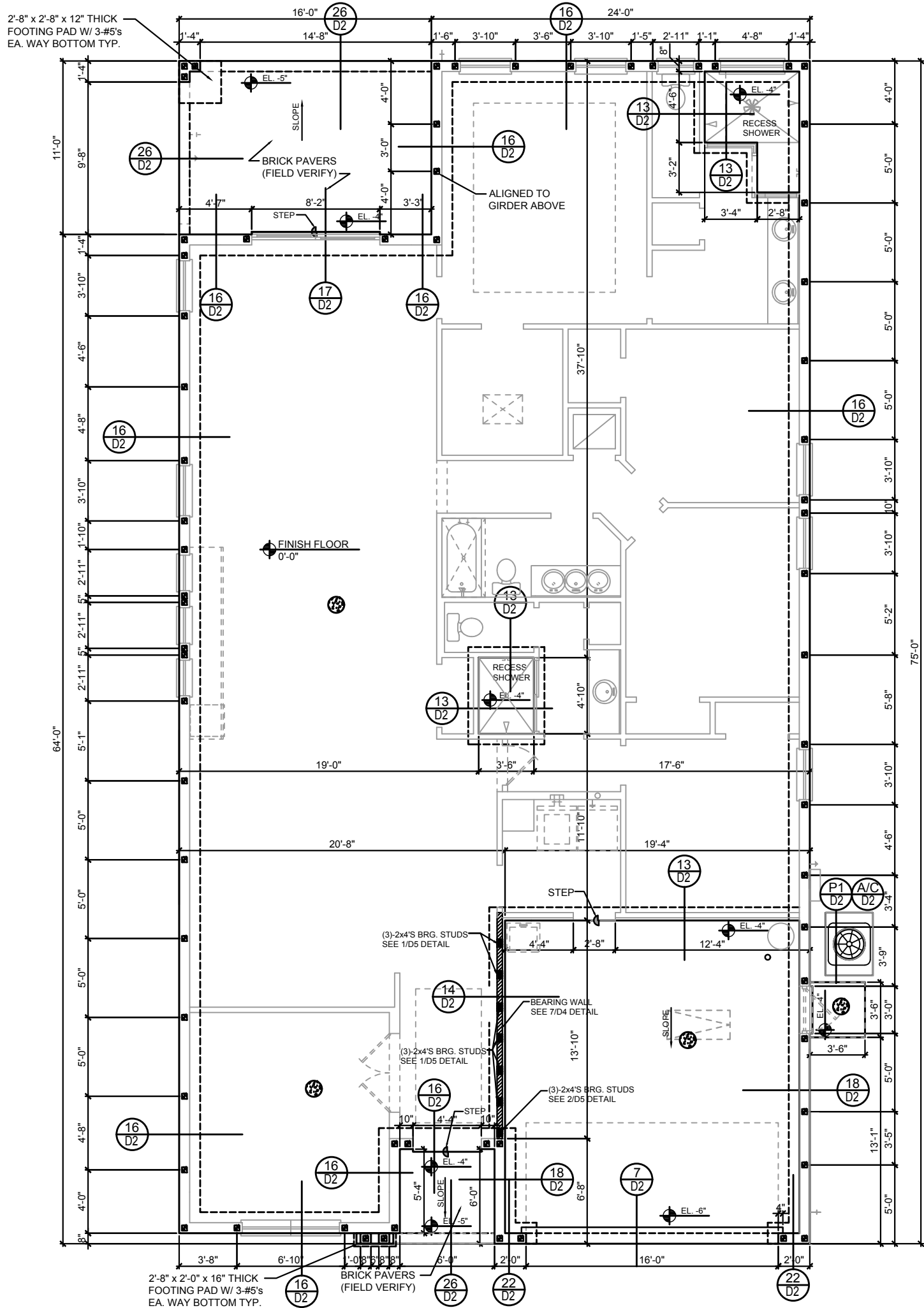
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FOUNDATION PLAN
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1/8"=1'-0" (11x17) 1/4"=1'-0" (22x37)

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Park Square HOMES

FOUNDATION PLAN

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

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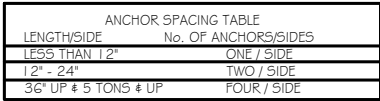
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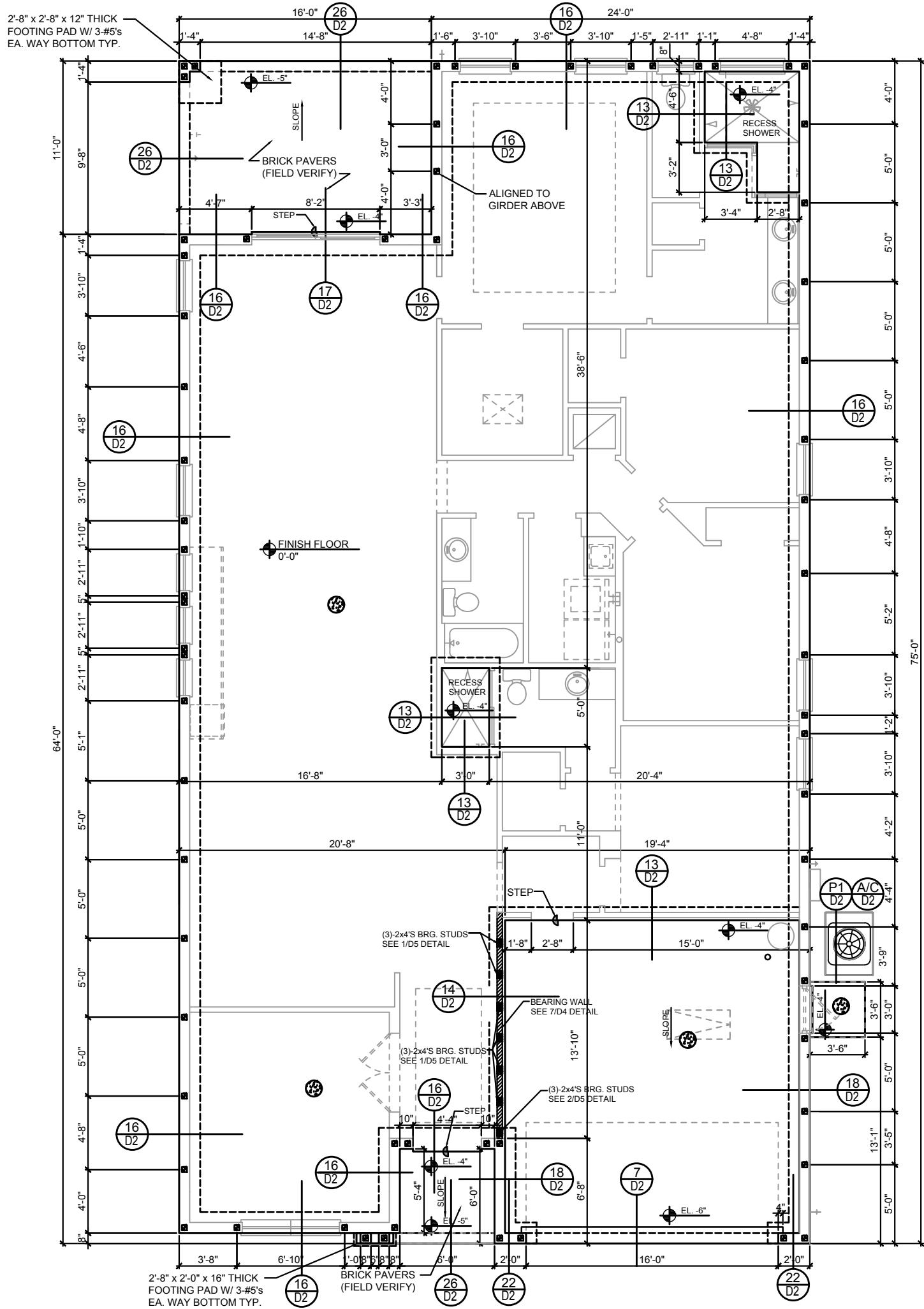
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2385 HAMPTON II

FLORIDA SERIES

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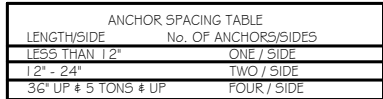
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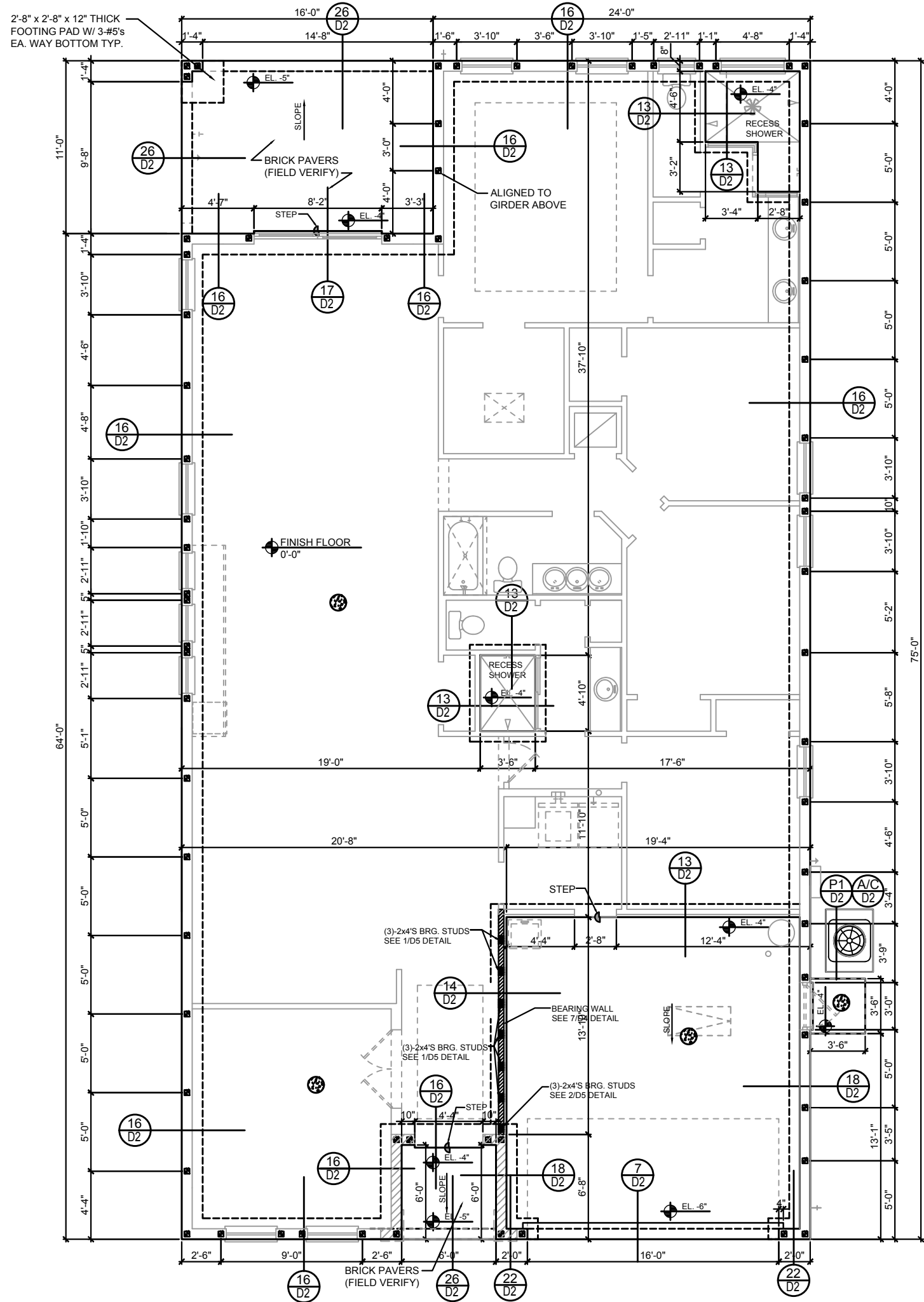
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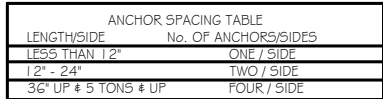
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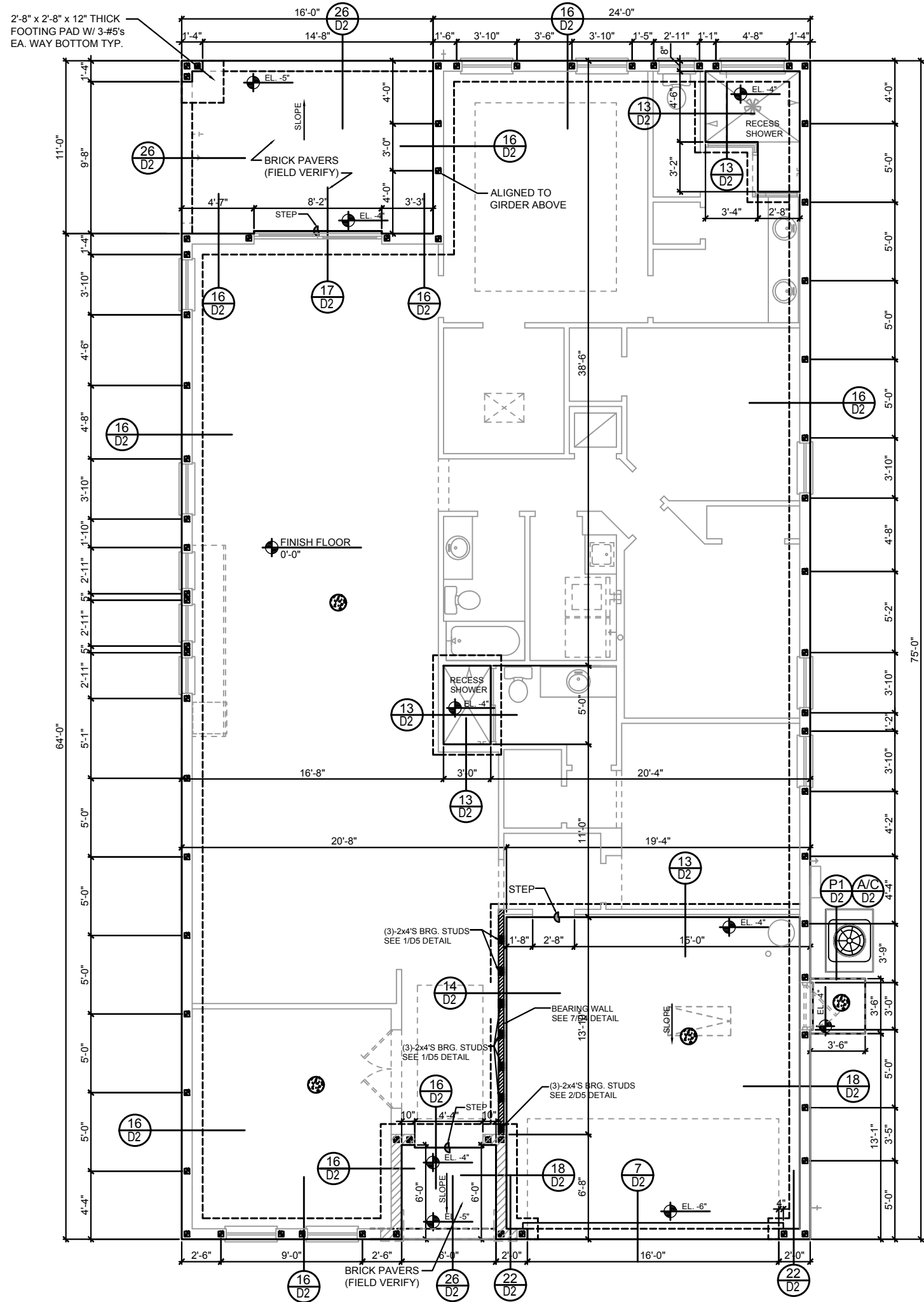
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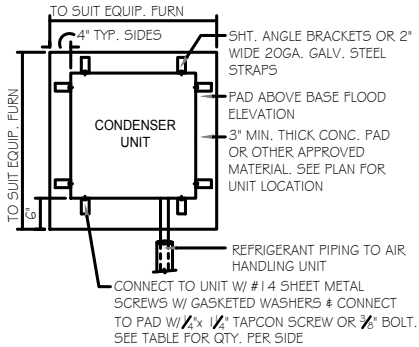
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ANCHOR SPACING TABLE	
LENGTH/SIDE	No. OF ANCHORS/SIDES
LESS THAN 12"	ONE / SIDE
12" - 24"	TWO / SIDE
36" UP & 5 TONS & UP	FOUR / SIDE

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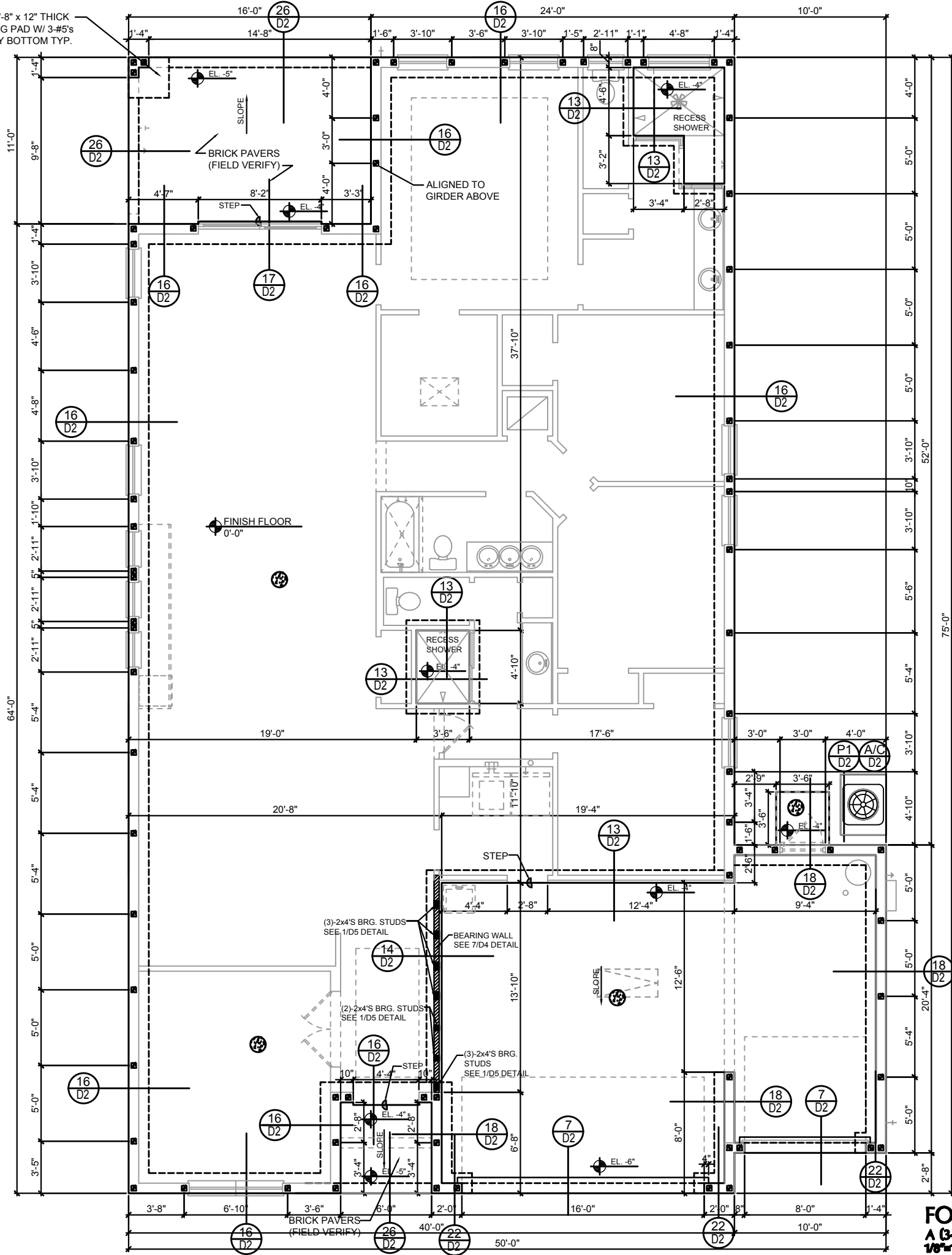
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2'-8" x 2'-8" x 12" THICK
FOOTING PAD W/ 3-#5's
EA. WAY BOTTOM TYP.



FOUNDATION PLAN A 3-CAR GARAGE 16'-0" (11x17) 14'-0" (22x37)

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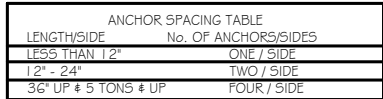
2385 HAMPTON II

FLORIDA SERIES

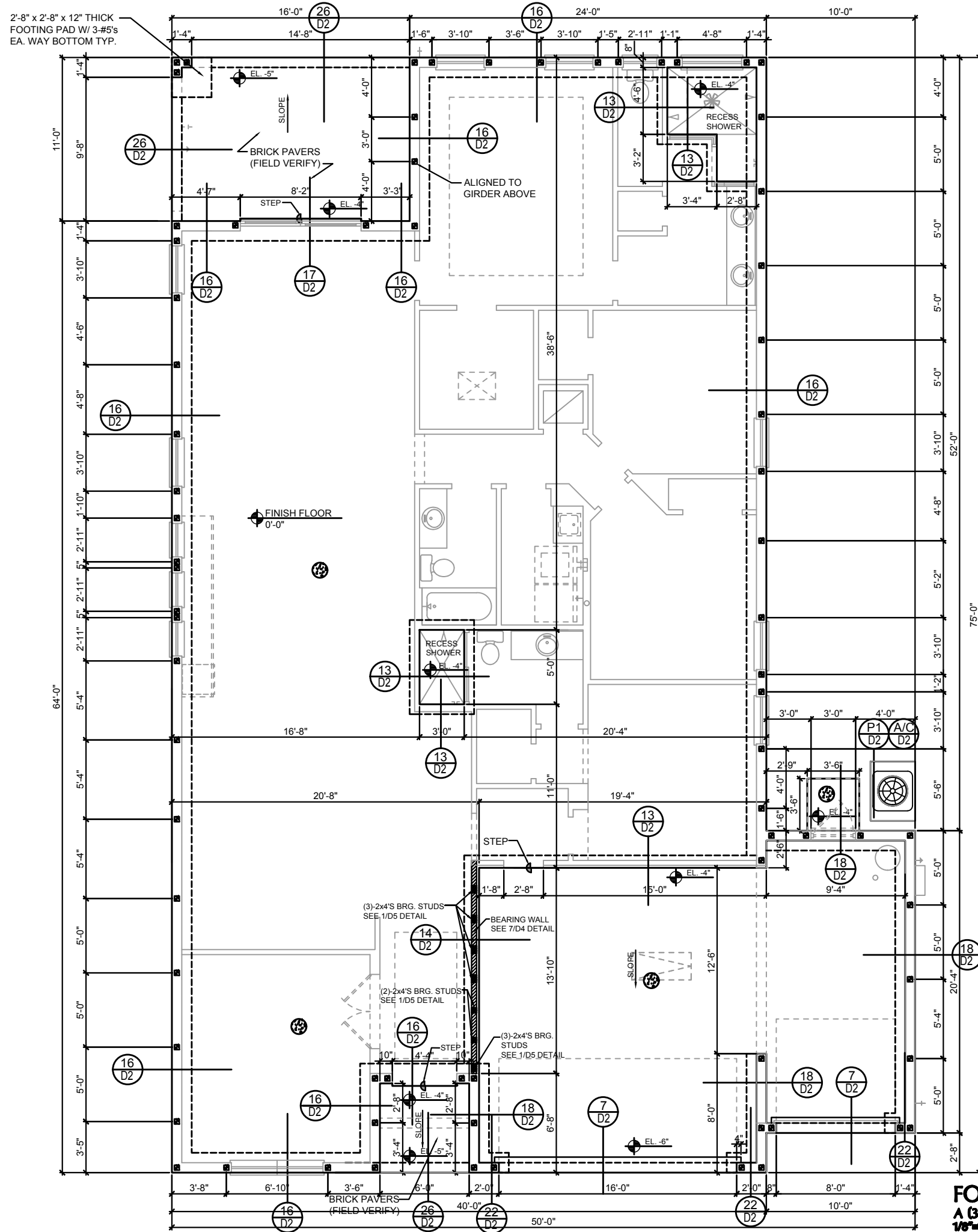
REVISIONS

DELTA #	DATE
DATE:	07-23-24
SCALE:	AS NOTED
DRAWN:	MR
SHEET:	

S1.1



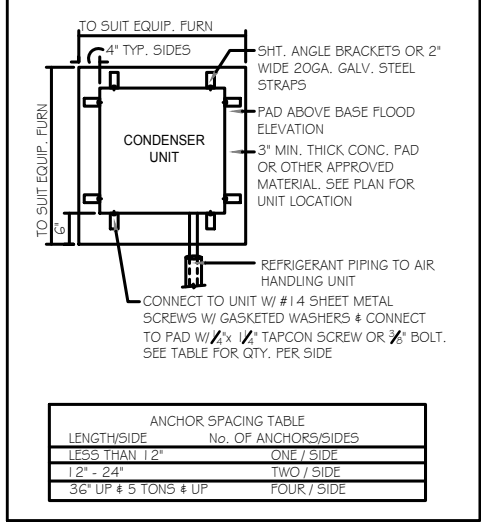
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2. (B) DENOTES FILL CELL REINF. W/ CONC. W/ 1- #5 REBAR. GRADE 60. DENOTES FILL CELL RE NE_ W/ CONC. W/ 2-#5 REBAR. GRADE 60.
3. (F) DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2,500 P.S.I. 4" THICK WITH GGG 1/10 GAUGE REINFORCING MAT. W/ MIN. 0.006mm (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.
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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
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9. BORA -CARE TO BE APPLIED ON INTERIOR WALLS W/ MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PURSUANT FLORIDA BUILDING CODE LATEST EDITION.



FOUNDATION PLAN
A (3-Car Garage-Opt. In-Law Suite)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x37)

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1 COND. ANCHOR DETAIL

N.T.S.

FIELD REPAIR NOTES

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

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

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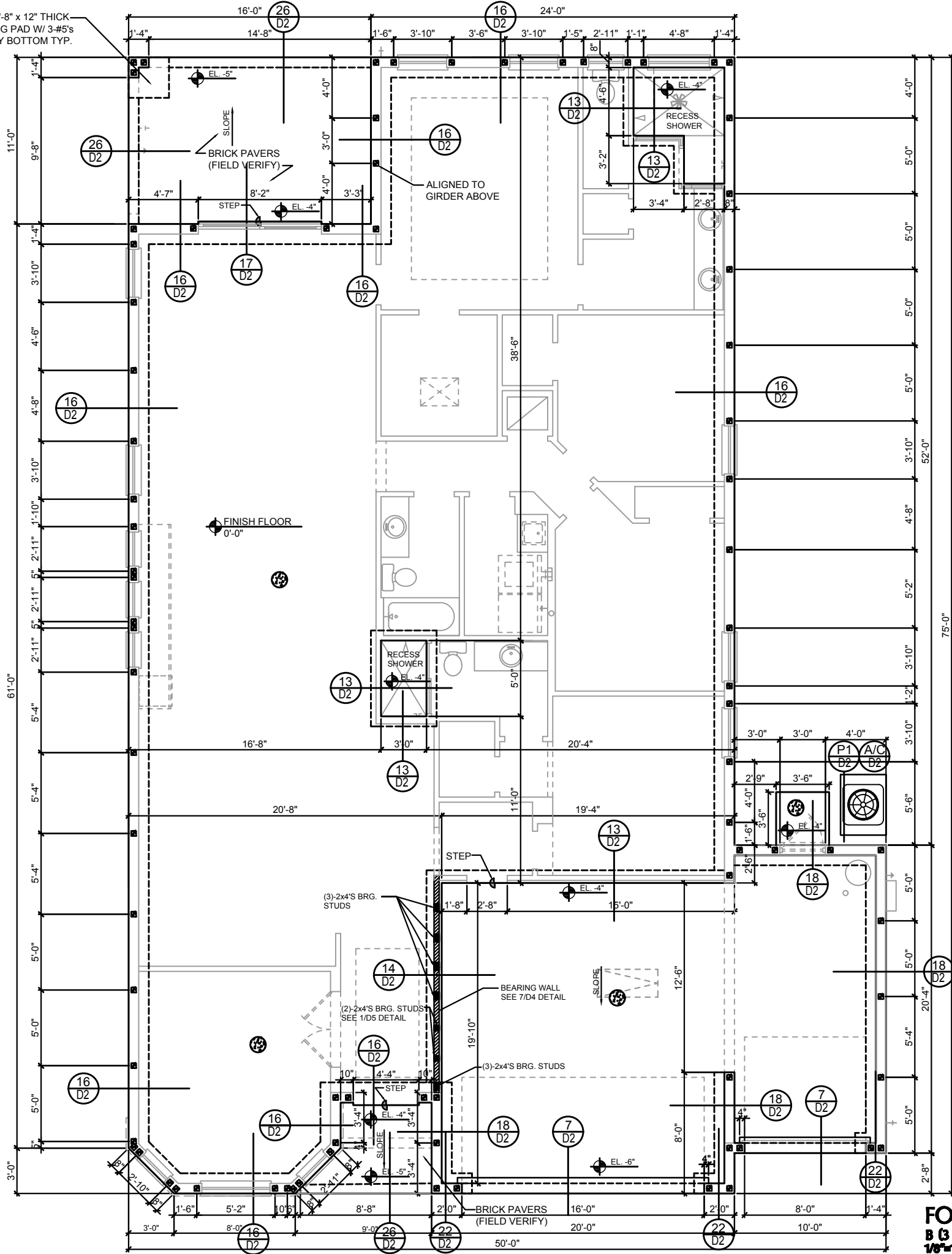
VERIFICATION OF FIELD CONDITIONS:

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FOUNDATION NOTES

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2'-8" x 2'-8" x 12" THICK FOOTING PAD W/ 3-#5's EA. WAY BOTTOM TYP.



FOUNDATION PLAN

B (3 CAR GAR. Opt. In-Law Suite)
1/8"-1'-0" (11x17) 1/4"-1'-0" (22x37)

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

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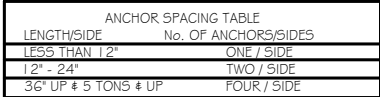
Park Square HOMES
A DIVISION OF PARK SQUARE ENTERPRISES, INC.
6200 Vineland Road, Suite 200
Orlando, Florida 32811
Phone: (407) 659 - 3000

FOUNDATION PLAN

2385 HAMPTON II
FLORIDA SERIES

REVISIONS	
DELTA #	DATE
DATE:	07-23-24
SCALE:	AS NOTED
DRAWN:	MR
SHEET:	S1.1

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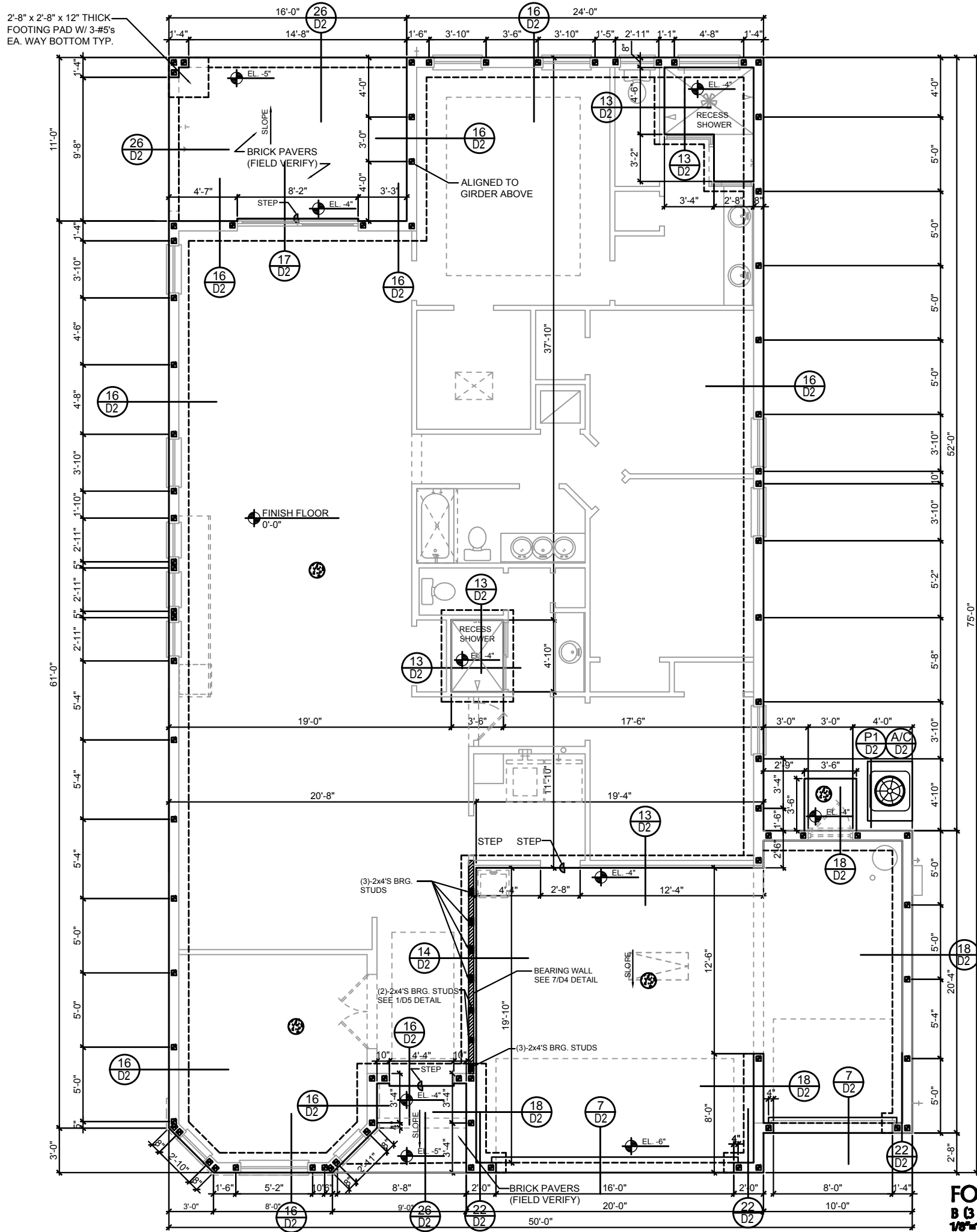
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FOUNDATION PLAN
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www.tegll.com

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



FOUNDATION PLAN

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA # | DATE

DATE: 07-23-2011

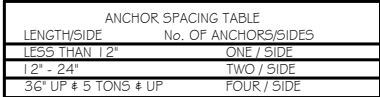
SCALE: AS NOTE

DRAIN: M

SHEET:

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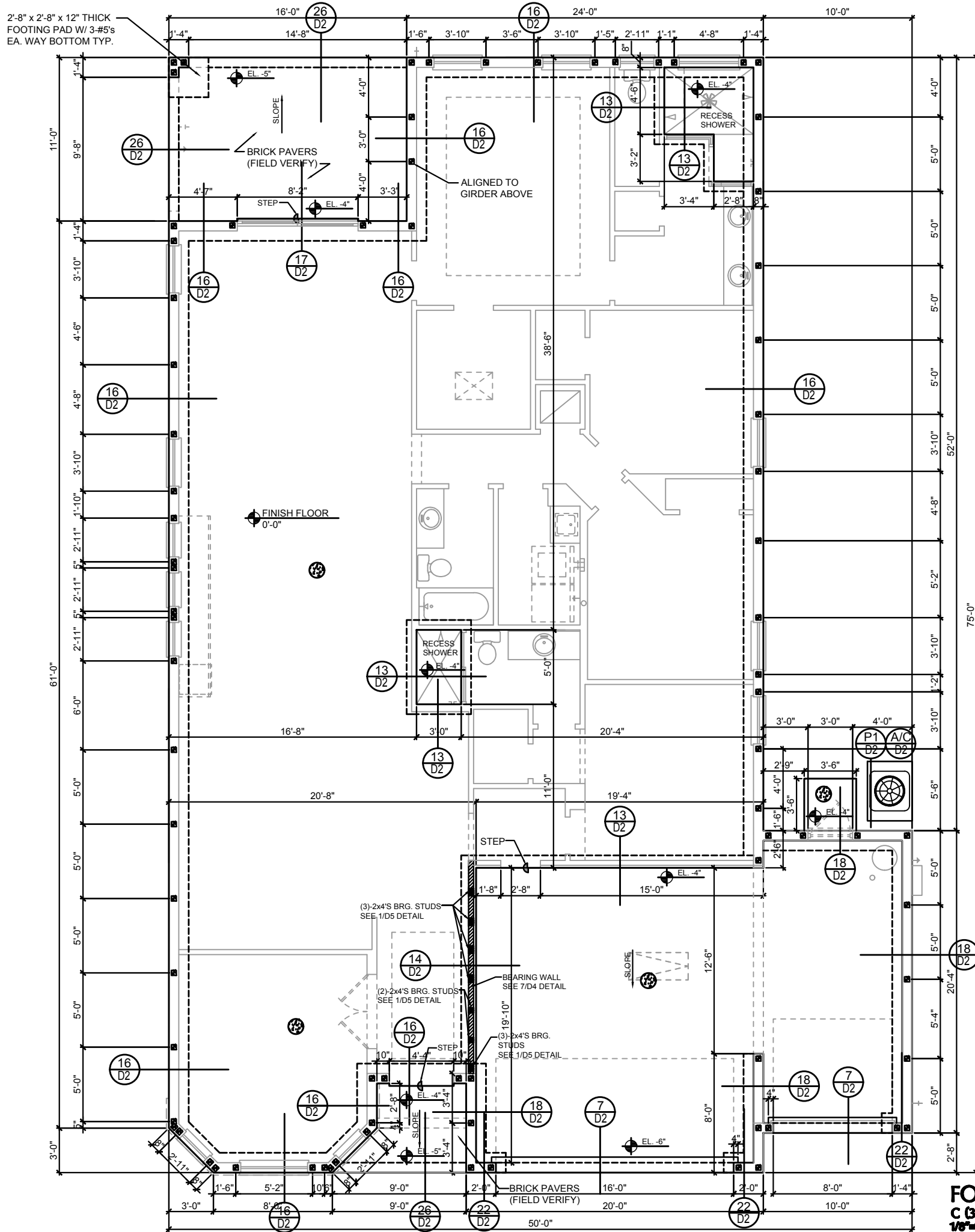
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FOUNDATION PLAN

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA # DATE

DATE: 07-23-2011

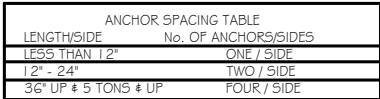
SCALE: AS NOTE

DRAINS: M

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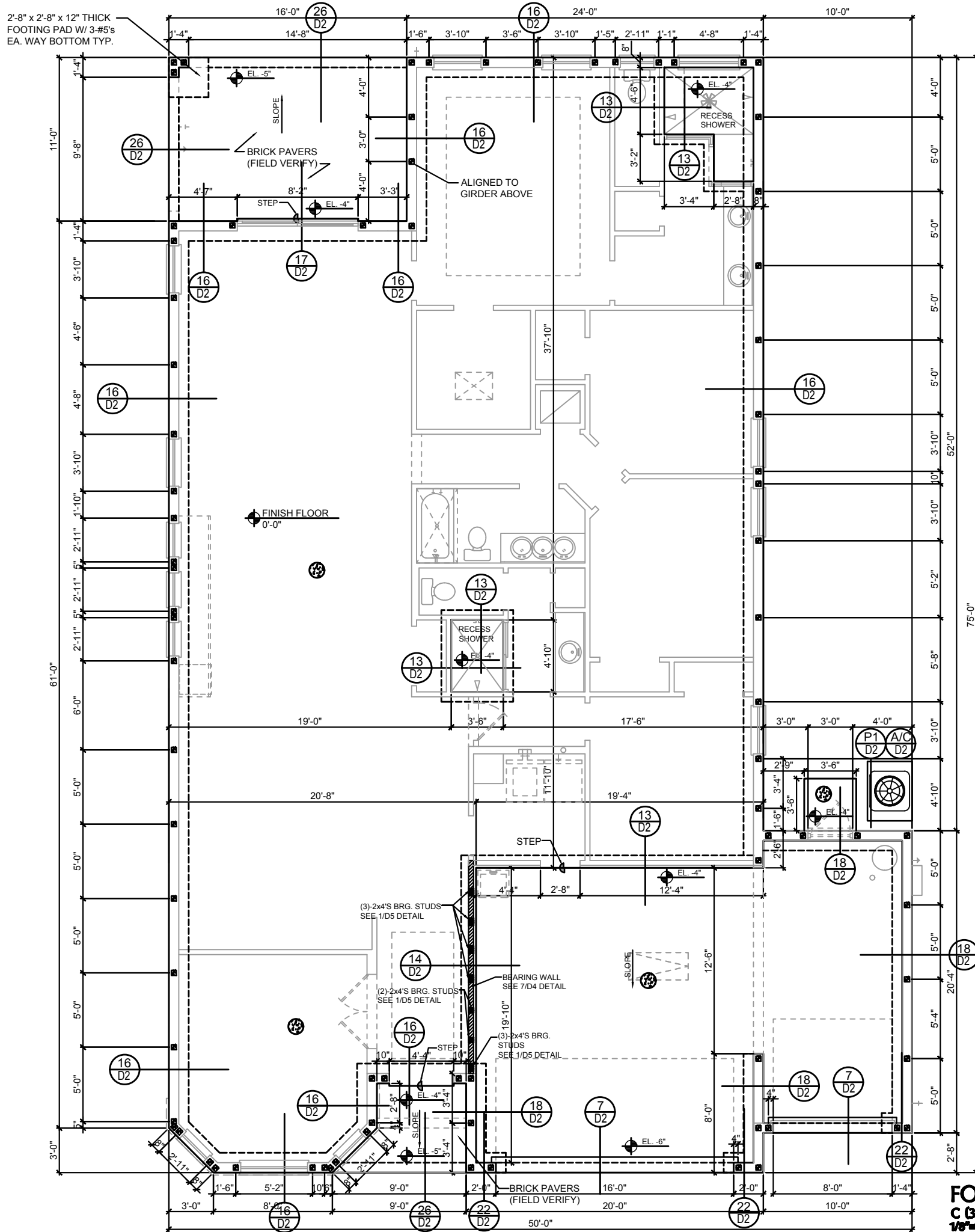
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Park Square HOMES

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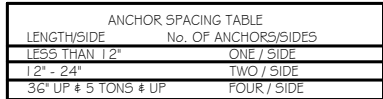
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DRAIN: 1

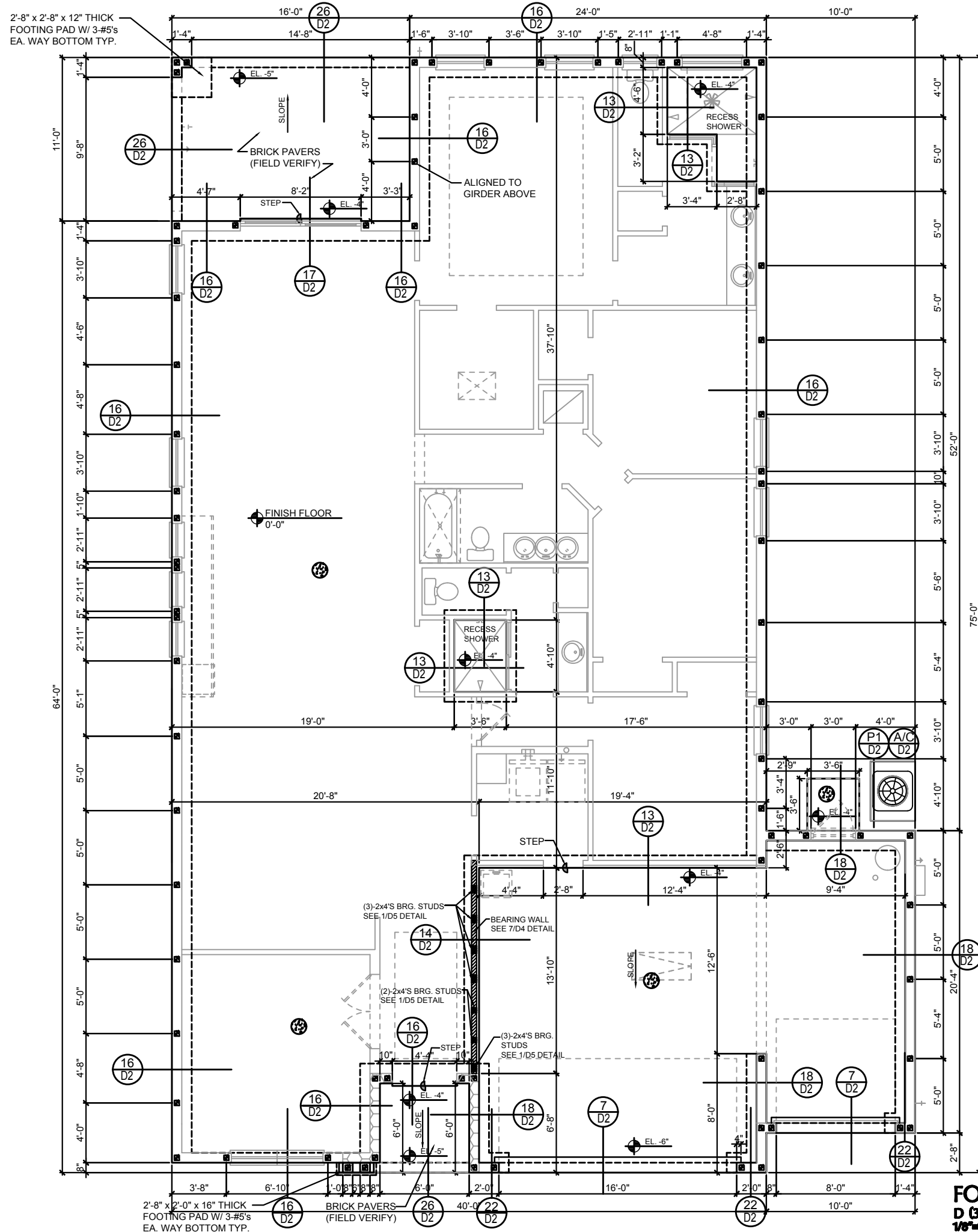
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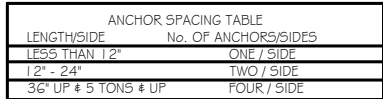
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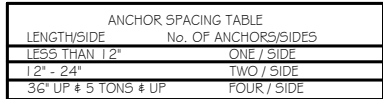
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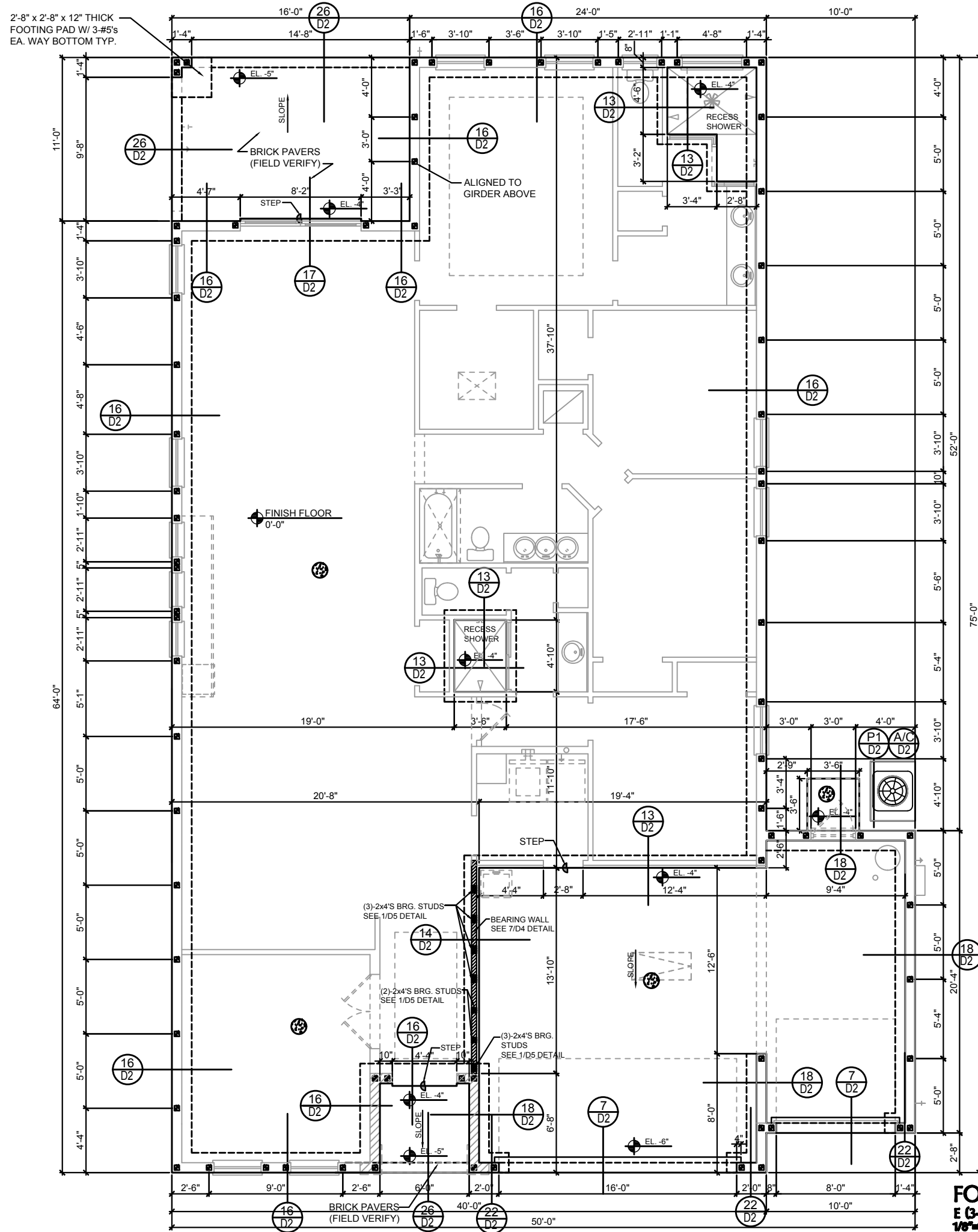
1. ■ CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
2. (B) DENOTES FILL CELL REINF. W/ CONC. W/ 1- #5 REBAR. GRADE 60. DENOTES FILL CELL RE NE_ W/ CONC. W/ 2-#5 REBAR. GRADE 60.
3. (F) DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2,500 P.S.I. 4" THICK WITH GGG 1/010 GAUGE REINFORCING MAT. W/ MIN. 0.006mm (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 SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPER-VISOR FOR CLARIFICATION.
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7. MECHANICAL EQUIP. LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
8. IN LIEU OF TREATING THE SOIL, AN ALTERNATIVE TO TERMITIC 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
D (3-CAR GAR. Opt. In-Law Suite)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x37)

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FOUNDATION PLAN
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ITTEG
THOMPSON ENGINEERING GROUP, INC.
14401 Vineland Road Suite A6 Olando, FL 32811
Ph: (407) 734-1450
Fax: (407) 734-1790
www.teggi.com

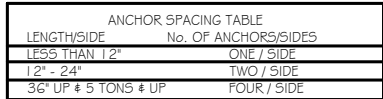
**A DIVISION OF PARK SQUARE
ENTERPRISES, INC.**
5200 Vineland Road, Suite 200
Orlando, Florida 32811
Phone: (407) 529 - 3000

Park Square HOMES

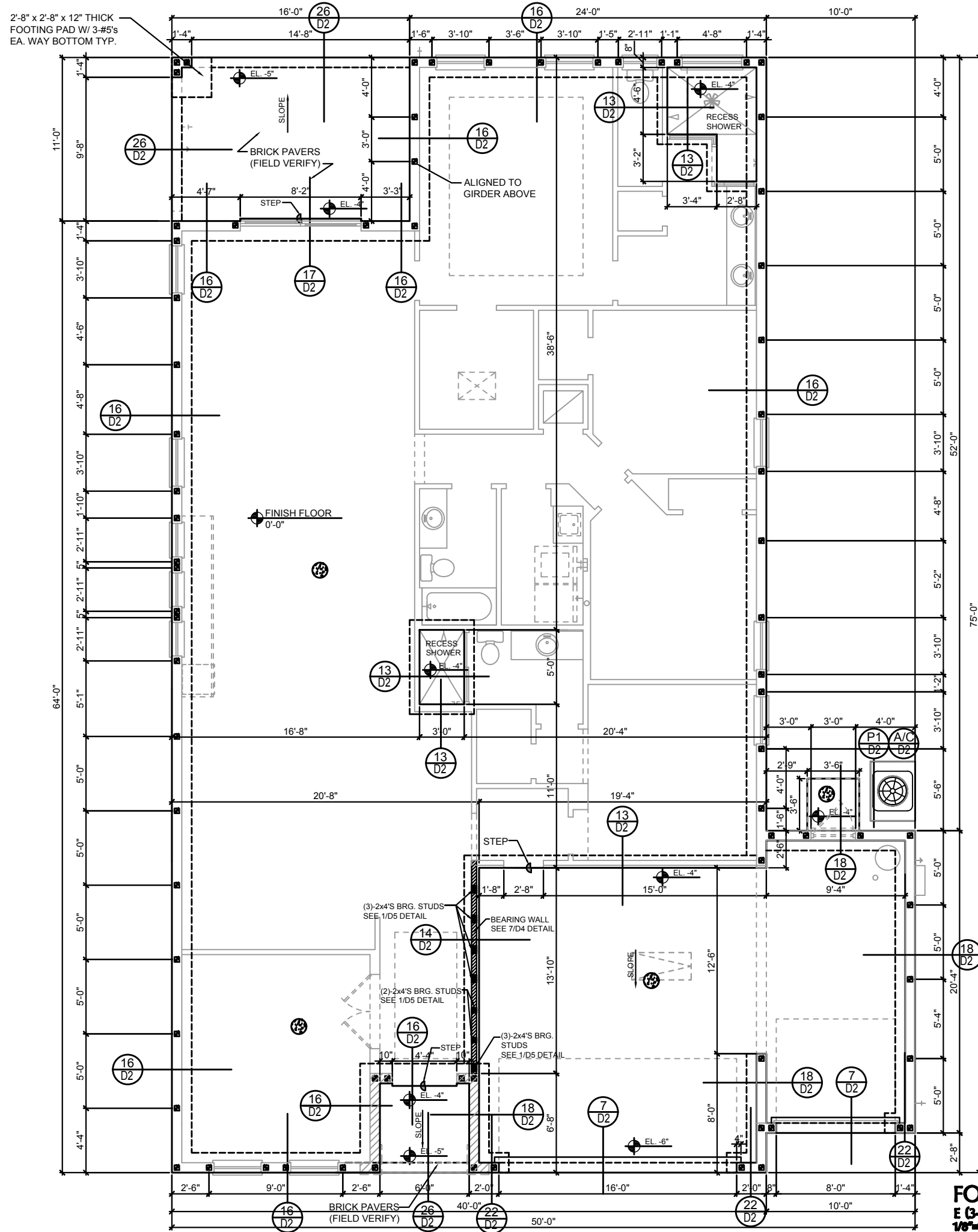
FLORIDA SERIES

SHEET:

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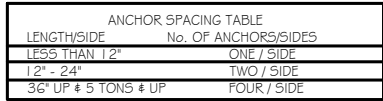


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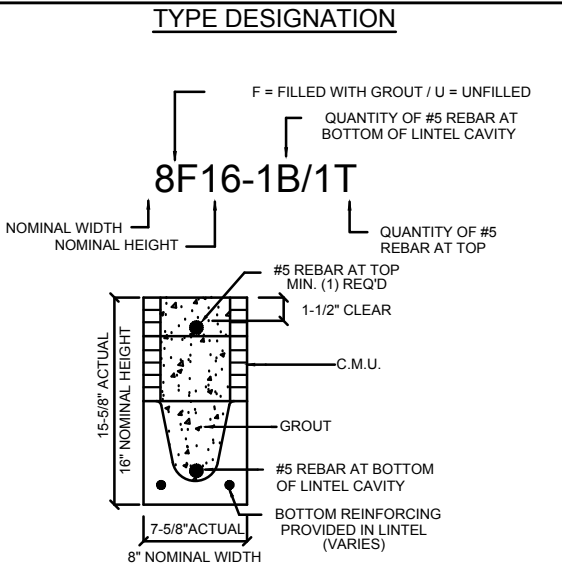


2385 HAMPTON II FLORIDA SERIES FOUNDATIONS PLAN		 P Square HOMES A DIVISION OF PARK SQUARE ENTERTAINERS, INC. 5200 Windland Road, Suite 200 Orlando, Florida 32811 Phone (407) 529 - 3000 www.psqh.com
REVISIONS		
DELTA #	DATE	
DATE: 07-23-	SCALE: AS NOTED	
DRAWN: N	SHEET:	
S1.0		

GRAVITY									
LENGTH	TYPE	8U8	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B
			8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1B
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936
			3166	4473	6039	7526	9004	10472	11936
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9946
			3166	4473	6039	7526	9004	10472	11936
4'-0" (48")	PRECAST	2029	2325	2496	3467	4438	5410	6384	7358
			2646	4473	6039	7526	9004	10472	11936
4'-6" (54")	PRECAST	1651	1787	1913	2657	3403	4149	4896	5644
			2170	4027	6039	7526	9004	10472	11936
5'-4" (64")	PRECAST	1184	1223	1301	1809	2317	2826	3336	3846
			1665	2889	5057	6096	5400	6424	7450
5'-10" (70")	PRECAST	972	1400	1059	1474	1889	2304	2721	3137
			1459	2464	4144	5458	4437	5280	6122
6'-6" (78")	PRECAST	937	1255	2011	3263	2746	3358	3971	4585
			1255	2101	3396	5260	7134	8995	10860
7'-6" (90")	PRECAST	767	1029	1675	2385	1994	2399	2886	3333
			1029	1675	2610	3839	5596	6613	8047
8'-0" (96")	PRECAST	670	830	1362	1927	1602	1961	2320	2680
			899	1445	2214	3192	4533	6513	4087
8'-8" (104")	PRECAST	618	767	1257	1779	1479	1810	2142	2474
			829	1332	2044	2946	4184	6012	3773
9'-4" (112")	PRECAST	573	632	1049	1469	1210	1482	1754	2027
			768	1212	1818	2544	3469	4030	3127
10'-0" (126")	PRECAST	456	482	802	1125	915	1122	1328	1535
			658	1025	1514	2081	2774	3130	2404
11'-4" (136")	PRECAST	445	598	935	1365	1854	2355	1793	2075
			545	935	1365	1854	2441	3155	4044
12'-0" (144")	PRECAST	414	558	864	1254	1689	2074	1570	1818
			555	864	1254	1693	2211	2832	3590
13'-4" (160")	PRECAST	362	427	726	1028	1331	1635	1224	1418
			485	748	1076	1438	1855	2343	2920
14'-0" (168")	PRECAST	338	381	648	919	1190	1462	1087	1260
			455	700	1003	1335	1714	2153	2686
14'-8" (176")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			465	765	1370	2045	2610	3185	3765
15'-4" (184")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			420	695	1250	1855	2370	2890	3410
17'-4" (208")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			310	530	950	1400	1800	2200	2600
19'-4" (232")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR

		GRAVITY							
TYPE		SRUF6-0B	SRF10-0B	SRF14-0B	SRF18-0B	SRF22-0B	SRF26-0B	SRF30-0B	
LENGTH	SRUF6	SRF6-1B	SRF10-1B	SRF14-1B	SRF18-1B	SRF22-1B	SRF26-1B	SRF30-1B	
4'-4"(52") PRECAST	1489	1591	3053	2982	3954	4929	5904	6880	
		1827	3412	4982	6472	7947	9416	10878	
4'-6"(54") PRECAST	1357	1449	2782	2714	3600	4487	5375	6264	
		1702	3412	4982	6472	7947	9416	10878	
5'-5"(68") PRECAST	785	832	1602	1550	2058	2566	3075	3585	
		1153	2162	4074	6472	6516	5814	6839	
5'-10"(70") PRECAST	735	779	1500	1449	1924	2400	2876	3352	
		1103	2051	3811	6472	6516	5450	6411	
6'-8"(80") PRECAST	822	907	1677	2933	2576	3223	3872	4522	
		907	1677	2933	4100	6730	8177	6707	
7'-6"(90") PRECAST	665	761	1377	2252	1958	2451	2944	3439	
		764	1377	2329	3609	5492	6624	5132	
9'-8"(116") PRECAST	371	435	824	1253	1071	1342	1614	1886	
		520	938	1497	2179	2618	3595	2875	

		UPLIFT								LATERAL	
LENGTH	TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	8F16-1T 8F16-2T	8F20-1T 8F20-2T	8F24-1T 8F24-2T	8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8	
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021	
		2727	2784	3981	5190	6407	7630	8857			
3'-6" (42")	PRECAST	2165	2289	3260	4237	5219	6204	7192	1257	1257	
		2165	2215	3165	4123	5091	6031	7036			
4'-0" (48")	PRECAST	1878	1989	2832	3680	4532	5387	6245	938	938	
		1878	1925	2750	3583	4422	5264	6110			
4'-6" (54")	PRECAST	1660	1762	2507	3257	4017	4767	5525	727	727	
		1660	1705	2435	3171	3913	4658	5406			
5'-4" (64")	PRECAST	1393 ^a	1484	2110	2741	3375	4010	4648	505	505	
		1393	1437	2050	2670	3293	3920	4549			
5'-10" (70")	PRECAST	1272 ^a	1357	1930	2505	3084	3665	4247	418	418	
		1272	1315	1875	2441	3010	3583	4157			
6'-6" (78")	PRECAST	1141 ^a	1200	1733	2250	2789	3290	3812	707	887	
		1141	1182	1684	2192	2703	3216	3732			
7'-6" (90")	PRECAST	959 ^a	1017	1475	1914	2354	2797	3240	591	657	
		959	1029	1465	1907	2351	2797	3245			
9'-6" (112")	PRECAST	801 ^a	872	980	1269	1560	1852	2144	454	630	
		801	875	1182	1567	1910	2271	2634			
10'-6" (126")	PRECAST	716 ^a	798	973	1227	1501	1781	2061	396	493	
		716	811	1039	1389	1711	2034	2358			
11'-4" (136")	PRECAST	666 ^a	639	896	899	1104	1309	1515	363	556	
		666	635	905	1295	1595	1896	2198			
12'-0" (144")	PRECAST	607 ^a	600	831	816	1001	1186	1372	340	494	
		631	496	818	1209	1514	1799	2086			
13'-4" (160")	PRECAST	500 ^a	530	632	686	841	997	1153	302	398	
		573	409	682	1004	1367	1637	1897			
14'-0" (168")	PRECAST	458 ^a	316	493	635	778	922	1065	286	360	
		548	378	629	922	1254	1567	1816			
14'-8" (176")	PRESTRESSED	243	295	459	591	724	857	990	N.R.	357	
		243	352	582	852	1156	1491	1742			
15'-4" (184")	PRESTRESSED	228	278	430	553	677	801	925	N.R.	327	
		228	329	542	791	1072	1381	1676			
17'-4" (208")	PRESTRESSED	188	236	361	464	567	670	774	N.R.	255	
		188	276	449	649	874	1121	1389			
19'-4" (232")	PRESTRESSED	165	207	313	401	490	578	667	N.R.	204	
		165	239	383	550	736	940	1160			
21'-4" (256")											



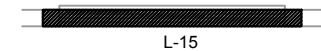
- fc precast lintels = 3500 psi.
- fc prestressed lintels = 6000 psi.
- fc grout = 3000 psi w/ maximum 3/8" aggregate.
- Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
- Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 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.

- 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

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

		UPLIFT								LATER
LENGTH	TYPE	BRF6-1T	BRF10-1T	BRF14-1T	BRF18-1T	BRF22-1T	BRF26-1T	BRF30-1T		
		BRF6-2T	BRF10-2T	BRF14-2T	BRF18-2T	BRF22-2T	BRF26-2T	BRF30-2T	BRU6	
4'-4" (52") PRECAST		1244	1573	2413	3260	4112	4967	5825	932	
		1244	1519	2339	3170	4008	4850	5696		
		1192	1507	2311	3127	3937	4756	5577		
4'-6" (54") PRECAST		1192	1455	2240	3036	3837	4643	5453	853	
		924*	1172	1795	2423	3055	3689	4325		
4'-8" (68") PRECAST		924	1132	1741	2357	2978	3603	4230	501	
		896*	1138	1742	2352	2965	3581	4198		
4'-10" (70") PRECAST		896	1099	1690	2288	2891	3497	4106	469	
		778	882	1513	2042	2573	3107	3642		
4'-8" (80") PRECAST		778	956	1468	1987	2599	3035	3563	830	
		688	697	1325	1810	2280	2753	3227		
4'-6" (90") PRECAST		688	849	1302	1762	2225	2690	3157	710	
		533*	433	808	1123	1413	1704	1995		
4'-8" (116") PRECAST		533	527	1009	1369	1728	2088	2450	516	

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



OPT. 9080 SGD
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x37)

LINE NO.	LENGTH	TYPE	COMMENTS
L-1	17'-4"	8F32-1B/IT	GARAGE
L-2	4'-0"	8F30-1B/IT	GAR. SERV. DR. (opt)
L-3	4'-6"	8F16-1B/IT	3050 S.H.
L-4	5'-4"	8F16-1B/IT	4020 F.G.
L-5	3'-6"	8F16-1B/IT	2020 F.G.
L-6	9'-4"	8F16-1B/IT	8'-0"X8'-0" SGD
L-7	17'-4"	8F16-1B/IT	LANAI: CUT TO FIT
L-8	11'-4"	8F16-1B/IT	LANAI: CUT TO FIT
L-9	3'-6"	8F16-1B/IT	2020 F.G. (C.T.F.)
L-10	3'-6"	8F16-1B/IT	2060 S.H.
L-11	6'-6"	8F16-1B/IT	5060 S.H.
L-12	5'-8"	8F14-1B/IT	3080 DR. W/ 1480 SL
L-13	7'-6"	8F12-1B/IT	FOYER
L-14	10'-4"	8F16-1B/IT	(3) 3050 S.H.
L-15	10'-4"	8F16-1B/IT	9'-0"X8'-0" SGD
L-16	13'-4"	8F16-1B/IT	12'-0"X8'-0" SGD

TEG
THOMPSON ENGINEERING GROUP, INC.
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A DIVISION OF PARK SQUARE
ENTERPRISES, INC.
6200 Vineland Road, Suite 2000
Orlando, Florida 32811
Phone: (407) 529 - 3000

Park Square HOMES

PRECAST LINTEL PLAN

2385 HAMPTON II
FLORIDA SERIES

REVISIONS	
DELTA #	DATE
DATE: 07-23-24	
SCALE: AS NOTED	
DRAWN: MR	
SHEET:	
S2.0	

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

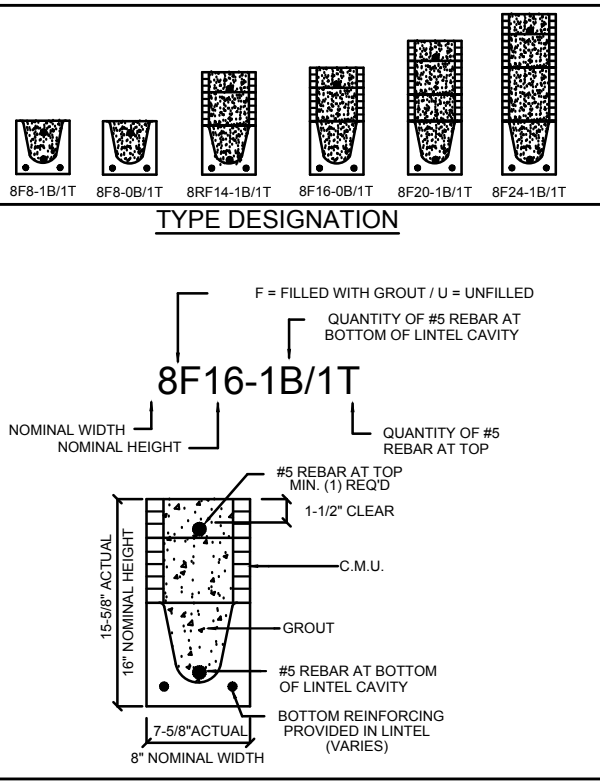
DISCLAIMER: CONTRACTOR/SUB-CONTRACTOR IS RESPONSIBLE TO REVIEW ALL INFORMATION CONTAINED HEREIN PRIOR TO COMMENCEMENT OF CONSTRUCTION. PARK SQUARE HOMES IS NOT RESPONSIBLE FOR ANY MISINTERPRETATIONS, ERRORS, OMISSIONS OR CUSTOM CHANGES MISSED AND NOT REPORTED PRIOR TO CONSTRUCTION. NO EXCEPTIONS.

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS											
8" PRECAST & PRESTRESSED U-LINTELS											
GRAVITY											
LENGTH	TYPE	8U8	8F8-0B 8F8-1B	8F12-0B 8F12-1B	8F16-0B 8F16-1B	8F20-0B 8F20-1B	8F24-0B 8F24-1B	8F28-0B 8F28-1B	8F32-0B 8F32-1B		
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936		
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947		
4'-0" (48")	PRECAST	2029	3166	4473	6039	7526	9004	10472	11936		
4'-6" (54")	PRECAST	1651	2325	2496	3467	4438	5410	6384	7358		
5'-4" (64")	PRECAST	1184	2646	4473	6039	7526	9004	10472	11936		
5'-10" (70")	PRECAST	972	1787	1913	2657	3403	4149	4896	5644		
6'-6" (78")	PRECAST	937	1223	1304	1806	2317	2826	3336	3846		
7'-6" (90")	PRECAST	767	1665	2889	5057	8096	5400	6424	7450		
8'-0" (96")	PRECAST	670	1000	1059	1474	1889	2304	2721	3137		
8'-8" (104")	PRECAST	618	1459	2464	4144	5458	4437	5280	6122		
9'-4" (112")	PRECAST	573	1255	2101	3263	2746	3358	3971	4585		
10'-6" (126")	PRECAST	456	1255	2101	3396	5260	7134	8995	6890		
11'-4" (136")	PRECAST	445	1029	1675	2385	1994	2439	2886	3333		
12'-0" (144")	PRECAST	414	1029	1675	2610	3839	5596	6613	5047		
13'-4" (160")	PRECAST	362	830	1362	1927	1602	1961	2320	2680		
14'-0" (168")	PRECAST	338	899	1445	2214	3192	4533	6513	4087		
14'-8" (176")	PRESTRESSED	N.R.	767	1257	1779	1479	1810	2142	2474		
15'-4" (184")	PRESTRESSED	N.R.	829	1332	2044	2946	4184	6012	3773		
17'-4" (208")	PRESTRESSED	N.R.	632	1049	1469	1210	1482	1754	2027		
19'-4" (232")	PRESTRESSED	N.R.	768	1212	1818	2544	3469	4030	3127		
21'-4" (256")	PRESTRESSED	N.R.	482	802	1125	915	1122	1328	1535		
22'-0" (264")	PRESTRESSED	N.R.	658	1025	1514	2081	2774	3130	2404		
24'-0" (288")	PRESTRESSED	N.R.	598	935	1365	1854	2355	1793	2075		
			598	935	1365	1854	2441	3155	4044		
			545	864	1254	1689	2074	1570	1818		
			555	864	1254	1693	2211	2832	3590		
			427	726	1028	1331	1635	1224	1418		
			485	748	1076	1438	1855	2343	2920		
			381	648	919	1190	1462	1087	1260		
			455	700	1003	1335	1714	2153	2666		
			NR	NR	NR	NR	NR	NR	NR		
			465	765	1370	2045	2610	3185	3765		
			NR	NR	NR	NR	NR	NR	NR		
			420	695	1250	1855	2370	2890	3410		
			NR	NR	NR	NR	NR	NR	NR		
			310	530	950	1400	1800	2200	2600		
			NR	NR	NR	NR	NR	NR	NR		
			240	400	750	1090	1400	1720	2030		
			NR	NR	NR	NR	NR	NR	NR		
			163	330	610	940	1340	1780	2110		
			NR	NR	NR	NR	NR	NR	NR		
			160	300	570	870	1250	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 8RF6-1B	8RF10-0B 8RF10-1B	8RF14-0B 8RF14-1B	8RF18-0B 8RF18-1B	8RF22-0B 8RF22-1B	8RF26-0B 8RF26-1B	8RF30-0B 8RF30-1B		
4'-4"(52")	PRECAST	1489	1591	3053	2982	3954	4929	5904	6880		
4'-6"(54")	PRECAST	1357	1827	3412	4982	6472	7947	9416	10878		
5'-8"(68")	PRECAST	785	1449	2782	2714	3600	4487	5375	6264		
5'-10"(70")	PRECAST	735	1702	3412	4982	6472	7947	9416	10878		
6'-8"(80")	PRECAST	822	832	1602	1550	2058	2566	3075	3585		
7'-6"(90")	PRECAST	665	1153	2162	4074	6472	6516	5814	6839		
9'-8"(116")	PRECAST	371	779	1500	1449	1924	2400	2876	3352		
			1103	2051	3811	6472	6516	5450	6411		
			907	1677	2933	2576	3223	3872	4522		
			907	1677	2933	4100	6730	8177	6707		
			761	1377	2252	1958	2451	2944	3439		
			764	1377	2329	3609	5492	6624	5132		
			420	834	1253	1071	1342	1614	1886		
			535	928	1497	2179	2618	3595	2875		

8" PRECAST & PRESTRESSED U-LINTELS											
UPLIFT											
LENGTH	TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	8F16-1T 8F16-2T	8F20-1T 8F20-2T	8F24-1T 8F24-2T	8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8	
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021	
3'-6" (42")	PRECAST	2165	2289	3260	4237	5219	6204	7192	1257	1257	
4'-0" (48")	PRECAST	1878	1989	2832	3680	4532	5387	6245	938	938	
4'-6" (54")	PRECAST	1680	1782	2507	3257	4010	4767	5525	727	727	
5'-4" (64")	PRECAST	1393	1484	2110	2741	3375	4010	4648	605	605	
5'-10" (70")	PRECAST	1272	1315	1875	2441	3010	3583	4157	418	418	
6'-6" (78")	PRECAST	1141	1200	1733	2250	2789	3290	3812	707	887	
7'-6" (90")	PRECAST	959	1182	1684	2192	2703	3216	3732	591	657	
9'-4" (112")	PRECAST	801	912	1475	1914	2354	2797	3245	454	630	
10'-6" (126")	PRECAST	716	801	1192	1550	1910	2271	2634	396	493	
11'-4" (136")	PRECAST	666	716	998	1261	1560	1852	2144	363	556	
12'-0" (144")	PRECAST	631	666	905	1295	1595	1896	2198	340	494	
13'-4" (160")	PRECAST	500	500	631	816	1001	1186	1372	302	398	
14'-0" (168")	PRECAST	458	458	532	686	841	997	1153	286	360	
14'-8" (176")	PRESTRESSED	243	295	459	591	724	857	990	N.R.	357	
15'-4" (184")	PRESTRESSED	228	352	582	852	1156	1491	1742	N.R.	327	
17'-4" (208")	PRESTRESSED	188	228	430	553	677	801	925	N.R.	255	
19'-4" (232")	PRESTRESSED	165	228	329	542	791	1072	1381	N.R.	204	
21'-4" (256")	PRESTRESSED	145	188	236	361	464	567	670	N.R.	172	
22'-0" (264")	PRESTRESSED	142	140	180	268	343	418	493	N.R.	161	
24'-0" (288")	PRESTRESSED	127	137	205	322	457	607	771	N.R.	135	
		124	186	290	408	538	680	833	N.R.		

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



- MATERIALS**
1. Fc precast lintels = 3500 psi.
 2. Fc prestressed lintels = 6000 psi.
 3. Fc grout = 3000 psi w/ maximum 3/8" aggregate.
 4. Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
 5. Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
 6. Prestressing strand per ASTM A416 grade 270 low relaxation.
 7. 7/32 wire per ASTM A510.
 8. Mortar per ASTM C270 type M or S.
- GENERAL NOTES**
1. Provide full mortar head and bed joints.
 2. Shore filled lintels as required.
 3. Installation of lintel must comply with the architectural and/or structural drawings.
 4. Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
 5. All lintels meet or exceed L/360 vertical deflection, except lintels 17'-4" and longer with a nominal height of 8" meet or exceed L/180.
 6. Bottom field added rebar to be located at the bottom of the lintel cavity.
 7. 7/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
 8. Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
 9. Safe load ratings based on rational design analysis per ACI 318 and ACI 530

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

8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
UPLIFT											
LENGTH	TYPE	8RF8-1T 8RF8-2T	8RF10-1T 8RF10-2T	8RF14-1T 8RF14-2T	8RF18-1T 8RF18-2T	8RF22-1T 8RF22-2T	8RF26-1T 8RF26-2T	8RF30-1T 8RF30-2T	8RU6	8RF6	
4'-4" (52")	PRECAST	1244	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	1192	1455	2240	3036	3837	4643	5453	501	501
5'-10" (70")	PRECAST	896	1138	1741	2357	2978	3603	4230	469	469	
6'-8" (80")	PRECAST	778	882	1513	2042	2573	3107	3642	830	1100	
7'-6" (90")	PRECAST	688	778	956	1468	1987	2509	3035	710	941	
9'-8" (116")	PRECAST	533	688	849	1302	1762	2225	2690	516	614	
		533	433	808	1123	1413	1704	1995			
		533	527	1009	1369	1728	2088	2450			

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

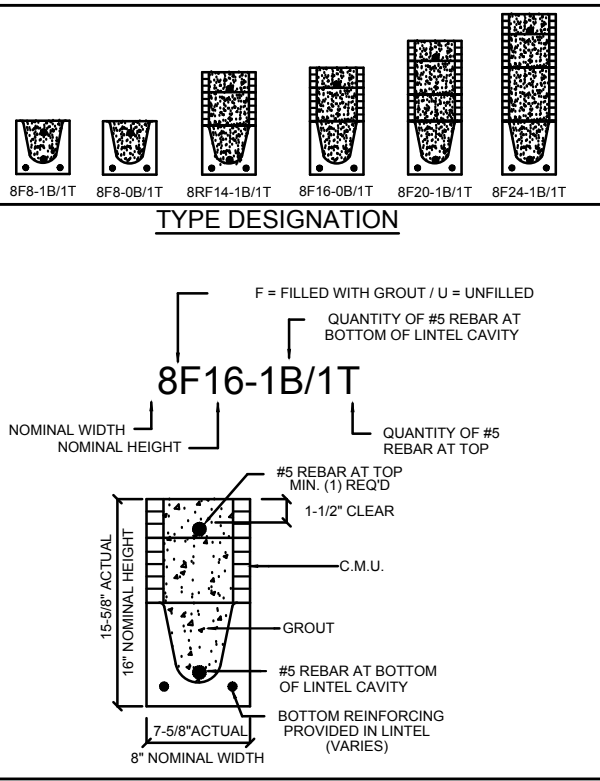
CAST CRETE / LOTTS / WEKIWA / FLORIDA ROCK - PRECAST LINTEL SCHEDULE		
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SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS												
8" PRECAST & PRESTRESSED U-LINTELS												
GRAVITY												
LENGTH	TYPE	8U8	8F8-0B 8F8-1B	8F12-0B 8F12-1B	8F16-0B 8F16-1B	8F20-0B 8F20-1B	8F24-0B 8F24-1B	8F28-0B 8F28-1B	8F32-0B 8F32-1B			
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936			
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947			
4'-0" (48")	PRECAST	2029	3166	4473	6039	7526	9004	10472	11936			
4'-6" (54")	PRECAST	1651	2325	2496	3467	4438	5410	6384	7358			
5'-4" (64")	PRECAST	1184	2646	4473	6039	7526	9004	10472	11936			
5'-10" (70")	PRECAST	972	1787	1913	2657	3403	4149	4898	5644			
6'-6" (78")	PRECAST	937	1223	1304	1806	2317	2826	3336	3846			
7'-6" (90")	PRECAST	767	1065	2889	5057	8096	5400	6424	7450			
8'-0" (96")	PRECAST	670	1000	1059	1474	1889	2304	2721	3137			
8'-8" (104")	PRECAST	618	1459	2464	4144	5458	4437	5280	6122			
9'-4" (112")	PRECAST	573	1255	2101	3263	2746	3358	3971	4585			
10'-6" (126")	PRECAST	456	1255	2101	3396	5260	7134	8995	6890			
11'-4" (136")	PRECAST	445	1029	1675	2385	1994	2439	2886	3333			
12'-0" (144")	PRECAST	414	1029	1675	2610	3839	5596	6613	5047			
13'-4" (160")	PRECAST	362	830	1362	1927	1602	1961	2320	2680			
14'-0" (168")	PRECAST	338	899	1445	2214	3192	4533	6513	4087			
14'-8" (176")	PRESTRESSED	N.R.	767	1257	1779	1479	1810	2142	2474			
15'-4" (184")	PRESTRESSED	N.R.	829	1332	2044	2946	4184	6012	3773			
17'-4" (208")	PRESTRESSED	N.R.	632	1049	1469	1210	1482	1754	2027			
19'-4" (232")	PRESTRESSED	N.R.	768	1212	1818	2544	3469	4030	3127			
21'-4" (256")	PRESTRESSED	N.R.	482	802	1125	915	1122	1328	1535			
22'-0" (264")	PRESTRESSED	N.R.	658	1025	1514	2081	2774	3130	2404			
24'-0" (288")	PRESTRESSED	N.R.	598	935	1365	1854	2355	1793	2075			
			598	935	1365	1854	2441	3155	4044			
			545	864	1254	1689	2074	1570	1818			
			555	864	1254	1693	2211	2832	3590			
			427	726	1028	1331	1635	1224	1418			
			485	748	1076	1438	1855	2343	2920			
			381	648	919	1190	1462	1087	1260			
			455	700	1003	1335	1714	2153	2666			
			NR	NR	NR	NR	NR	NR	NR			
			465	765	1370	2045	2610	3185	3765			
			NR	NR	NR	NR	NR	NR	NR			
			420	695	1250	1855	2370	2890	3410			
			NR	NR	NR	NR	NR	NR	NR			
			310	530	950	1400	1800	2200	2600			
			NR	NR	NR	NR	NR	NR	NR			
			240	400	750	1090	1400	1720	2030			
			NR	NR	NR	NR	NR	NR	NR			
			163	330	610	940	1340	1780	2110			
			NR	NR	NR	NR	NR	NR	NR			
			160	300	570	870	1250	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 8RF6-1B	8RF10-0B 8RF10-1B	8RF14-0B 8RF14-1B	8RF18-0B 8RF18-1B	8RF22-0B 8RF22-1B	8RF26-0B 8RF26-1B	8RF30-0B 8RF30-1B			
4'-4"(52")	PRECAST	1489	1591	3053	2982	3954	4929	5904	6880			
4'-6"(54")	PRECAST	1357	1827	3412	4982	6472	7947	9416	10878			
5'-8"(68")	PRECAST	785	1449	2782	2714	3600	4487	5375	6264			
5'-10"(70")	PRECAST	735	1702	3412	4982	6472	7947	9416	10878			
6'-8"(80")	PRECAST	822	832	1602	1550	2058	2566	3075	3585			
7'-6"(90")	PRECAST	665	1153	2162	4074	6472	6516	5814	6839			
9'-8"(116")	PRECAST	371	779	1500	1449	1924	2400	2876	3352			
			1103	2051	3811	6472	6516	5450	6411			
			907	1677	2933	2576	3223	3872	4522			
			907	1677	2933	4100	6730	8177	6707			
			761	1377	2252	1958	2451	2944	3439			
			764	1377	2329	3609	5492	6624	5132			
			420	834	1253	1071	1342	1614	1886			
			535	928	1497	2179	2618	3595	2875			

8" PRECAST & PRESTRESSED U-LINTELS												
UPLIFT												
LENGTH	TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	8F16-1T 8F16-2T	8F20-1T 8F20-2T	8F24-1T 8F24-2T	8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8		
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021		
3'-6" (42")	PRECAST	2165	2278	3981	5190	6407	7630	8857	1257	1257		
4'-0" (48")	PRECAST	1878	1989	2832	3680	4532	5387	6245	938	938		
4'-6" (54")	PRECAST	1680	1782	2507	3257	4010	4767	5525	727	727		
5'-4" (64")	PRECAST	1393	1484	2110	2741	3375	4010	4648	605	605		
5'-10" (70")	PRECAST	1272	1315	1875	2441	3010	3583	4157	418	418		
6'-6" (78")	PRECAST	1141	1200	1733	2250	2789	3290	3812	707	887		
7'-6" (90")	PRECAST	959	1182	1684	2192	2703	3216	3732	591	657		
9'-4" (112")	PRECAST	801	912	1475	1914	2354	2797	3245	454	630		
10'-6" (126")	PRECAST	716	755	1192	1550	1910	2271	2634	396	493		
11'-4" (136")	PRECAST	666	666	995	1295	1595	1896	2198	363	556		
12'-0" (144")	PRECAST	607	400	631	816	1001	1186	1372	340	494		
13'-4" (160")	PRECAST	573	409	682	1004	1367	1637	1897	302	398		
14'-0" (168")	PRECAST	458	316	493	635	778	922	1065	286	360		
14'-8" (176")	PRESTRESSED	243	295	459	591	724	857	990	N.R.	357		
15'-4" (184")	PRESTRESSED	228	278	430	553	677	801	925	N.R.	325		
17'-4" (208")	PRESTRESSED	188	236	361	464	567	670	774	N.R.	257		
19'-4" (232")	PRESTRESSED	165	207	313	401	490	578	667	N.R.	204		
21'-4" (256")	PRESTRESSED	145	186	278	363	433	512	590	N.R.	172		
22'-0" (264")	PRESTRESSED	137	205	322	457	607	771	947	N.R.	161		
24'-0" (288")	PRESTRESSED	127	185	244	312	380	447	515	N.R.	135		
		124	186	290	408	538	680	833	N.R.	135		

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



- MATERIALS**
1. Fc precast lintels = 3500 psi.
 2. Fc prestressed lintels = 6000 psi.
 3. Fc grout = 3000 psi w/ maximum 3/8" aggregate.
 4. Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
 5. Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
 6. Prestressing strand per ASTM A416 grade 270 low relaxation.
 7. 7/32 wire per ASTM A510.
 8. Mortar per ASTM C270 type M or S.
- GENERAL NOTES**
1. Provide full mortar head and bed joints.
 2. Shore filled lintels as required.
 3. Installation of lintel must comply with the architectural and/or structural drawings.
 4. Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
 5. All lintels meet or exceed L/360 vertical deflection, except lintels 17'-4" and longer with a nominal height of 8" meet or exceed L/180.
 6. Bottom field added rebar to be located at the bottom of the lintel cavity.
 7. 7/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
 8. Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
 9. Safe load ratings based on rational design analysis per ACI 318 and ACI 530

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

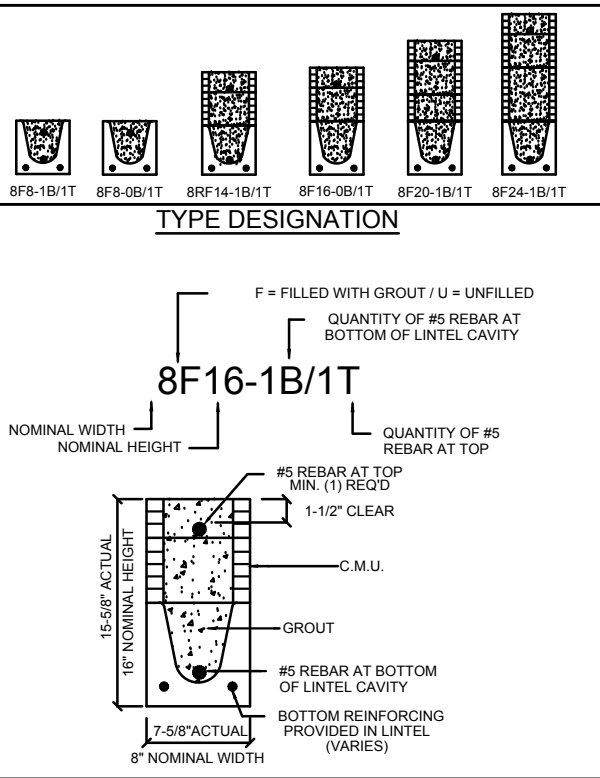
8" PRECAST W/ 2" RECESS DOOR U-LINTELS												
UPLIFT												
LENGTH	TYPE	8RF6-1T	8RF10-1T	8RF14-1T	8RF18-1T	8RF22-1T	8RF26-1T	8RF30-1T	8RU6	8RF6	LATERAL	
		8RF6-2T	8RF10-2T	8RF14-2T	8RF18-2T	8RF22-2T	8RF26-2T	8RF30-2T				
4'-4" (52")	PRECAST	1244	1573	2413	3260	4112	4967	5825	932	932		
		1244	1519	2339	3170	4008	4850	5696				
4'-6" (54")	PRECAST	1192	1507	2311	3121	3937	4756	5577	853	853		
		1192	1455	2240	3036	3847	4643	5453				
5'-8" (68")	PRECAST	924*	1172	1795	2423	3055	3689	4325	501	501		
		924	1132	1741	2357	2978	3603	4230				
5'-10" (70")	PRECAST	896*	1138	1742	2352	2965	3581	4198	469	469		
		896	1099	1690	2288	2895	3487	4106				
6'-8" (80")	PRECAST	778	982	1513	2042	2573	3107	3642	830	1100		
		778	965	1468	1987	2509	3035	3562				
		688	897	1325	1810	2280	2753	3227	710	941		
7'-6" (90")	PRECAST	688	849	1302	1762	2225	2690	3157				
9'-8" (116")	PRECAST	533*	833	808	1123	1413	1704	1995	516	614		
		533	527	1009	1369	1728	2088	2450				
*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR												

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS											
8" PRECAST & PRESTRESSED U-LINTELS											
GRAVITY											
LENGTH	TYPE	8U8	8F8-0B 8F8-1B	8F12-0B 8F12-1B	8F16-0B 8F16-1B	8F20-0B 8F20-1B	8F24-0B 8F24-1B	8F28-0B 8F28-1B	8F32-0B 8F32-1B		
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936		
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947		
4'-0" (48")	PRECAST	2029	3166	4473	6039	7526	9004	10472	11936		
4'-6" (54")	PRECAST	1651	2325	2496	3467	4438	5410	6384	7358		
5'-4" (64")	PRECAST	1184	2646	4473	6039	7526	9004	10472	11936		
5'-10" (70")	PRECAST	972	1787	1913	2657	3403	4149	4898	5644		
6'-6" (78")	PRECAST	937	1223	1304	1806	2317	2826	3336	3846		
7'-6" (90")	PRECAST	767	1065	2889	5057	8096	5400	6424	7450		
8'-0" (96")	PRECAST	670	1000	1059	1474	1889	2304	2721	3137		
8'-8" (104")	PRECAST	618	1459	2464	4144	5458	4437	5280	6122		
9'-4" (112")	PRECAST	573	1255	2101	3263	2746	3358	3971	4585		
10'-6" (126")	PRECAST	456	1255	2101	3396	5260	7134	8995	6890		
11'-4" (136")	PRECAST	445	1029	1675	2385	1994	2439	2886	3333		
12'-0" (144")	PRECAST	414	1029	1675	2610	3839	5596	6613	5047		
13'-4" (160")	PRECAST	362	830	1362	1927	1602	1961	2320	2680		
14'-0" (168")	PRECAST	338	899	1445	2214	3192	4533	6513	4087		
14'-8" (176")	PRESTRESSED	N.R.	767	1257	1779	1479	1810	2142	2474		
15'-4" (184")	PRESTRESSED	N.R.	829	1332	2044	2946	4184	6012	3773		
17'-4" (208")	PRESTRESSED	N.R.	632	1049	1469	1210	1482	1754	2027		
19'-4" (232")	PRESTRESSED	N.R.	768	1212	1818	2544	3469	4030	3127		
21'-4" (256")	PRESTRESSED	N.R.	482	802	1125	915	1122	1328	1535		
22'-0" (264")	PRESTRESSED	N.R.	658	1025	1514	2081	2774	3130	2404		
24'-0" (288")	PRESTRESSED	N.R.	598	935	1365	1854	2355	1793	2075		
			598	935	1365	1854	2441	3155	4044		
			545	864	1254	1689	2074	1570	1818		
			555	864	1254	1693	2211	2832	3590		
			427	726	1028	1331	1635	1224	1418		
			485	748	1076	1438	1855	2343	2920		
			381	648	919	1190	1462	1087	1260		
			455	700	1003	1335	1714	2153	2666		
			NR	NR	NR	NR	NR	NR	NR		
			465	765	1370	2045	2610	3185	3765		
			NR	NR	NR	NR	NR	NR	NR		
			420	695	1250	1855	2370	2890	3410		
			NR	NR	NR	NR	NR	NR	NR		
			310	530	950	1400	1800	2200	2600		
			NR	NR	NR	NR	NR	NR	NR		
			240	400	750	1090	1400	1720	2030		
			NR	NR	NR	NR	NR	NR	NR		
			163	330	610	940	1340	1780	2110		
			NR	NR	NR	NR	NR	NR	NR		
			160	300	570	870	1250	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 8RF6-1B	8RF10-0B 8RF10-1B	8RF14-0B 8RF14-1B	8RF18-0B 8RF18-1B	8RF22-0B 8RF22-1B	8RF26-0B 8RF26-1B	8RF30-0B 8RF30-1B		
4'-4"(52")	PRECAST	1489	1591	3053	2982	3954	4929	5904	6880		
4'-6"(54")	PRECAST	1357	1827	3412	4982	6472	7947	9416	10878		
5'-8"(68")	PRECAST	785	1449	2782	2714	3600	4487	5375	6264		
5'-10"(70")	PRECAST	735	1702	3412	4982	6472	7947	9416	10878		
6'-8"(80")	PRECAST	822	832	1602	1550	2058	2566	3075	3585		
7'-6"(90")	PRECAST	665	1153	2162	4074	6472	6516	5814	6839		
9'-8"(116")	PRECAST	371	779	1500	1449	1924	2400	2876	3352		
			1103	2051	3811	6472	6516	5450	6411		
			907	1677	2933	2576	3223	3872	4522		
			907	1677	2933	4100	6730	8177	6707		
			761	1377	2252	1958	2451	2944	3439		
			764	1377	2329	3609	5492	6624	5132		
			420	834	1253	1071	1342	1614	1886		
			535	928	1497	2179	2618	3595	2875		

8" PRECAST & PRESTRESSED U-LINTELS											
UPLIFT											
LENGTH	TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	8F16-1T 8F16-2T	8F20-1T 8F20-2T	8F24-1T 8F24-2T	8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8	
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021	
3'-6" (42")	PRECAST	2165	2289	3260	4237	5219	6204	7192	1257	1257	
4'-0" (48")	PRECAST	1878	1989	2832	3680	4532	5387	6245	938	938	
4'-6" (54")	PRECAST	1680	1782	2507	3257	4010	4767	5525	727	727	
5'-4" (64")	PRECAST	1393	1484	1705	2435	3171	3913	4658	5406		
5'-10" (70")	PRECAST	1272	1357	1930	2505	3084	3665	4247	505	505	
6'-6" (78")	PRECAST	1141	1200	1733	2250	2789	3290	3812	418	418	
7'-6" (90")	PRECAST	959	1182	1684	2192	2703	3216	3732	707	887	
9'-4" (112")	PRECAST	801	912	1475	1914	2354	2797	3245	591	657	
10'-6" (126")	PRECAST	716	801	1192	1550	1910	2271	2634	454	630	
11'-4" (136")	PRECAST	666	716	998	1261	1560	1852	2144	396	493	
12'-0" (144")	PRECAST	607	666	939	1192	1455	1711	1967	363	556	
13'-4" (160")	PRECAST	573	607	841	1072	1381	1676	1971	302	398	
14'-0" (168")	PRECAST	548	573	778	922	1186	1472	1758	286	360	
14'-8" (176")	PRESTRESSED	243	295	459	591	724	857	990	N.R.	357	
15'-4" (184")	PRESTRESSED	228	278	430	553	677	801	925	N.R.	325	
17'-4" (208")	PRESTRESSED	188	236	361	464	567	670	774	N.R.	257	
19'-4" (232")	PRESTRESSED	165	207	313	401	490	578	667	N.R.	204	
21'-4" (256")	PRESTRESSED	145	186	278	363	433	512	590	N.R.	172	
22'-0" (264")	PRESTRESSED	137	205	322	457	607	771	947	N.R.	161	
24'-0" (288")	PRESTRESSED	127	185	244	312	380	447	515	N.R.	135	

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



MATERIALS

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

GENERAL NOTES

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

SAFE LOAD TABLE NOTES

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

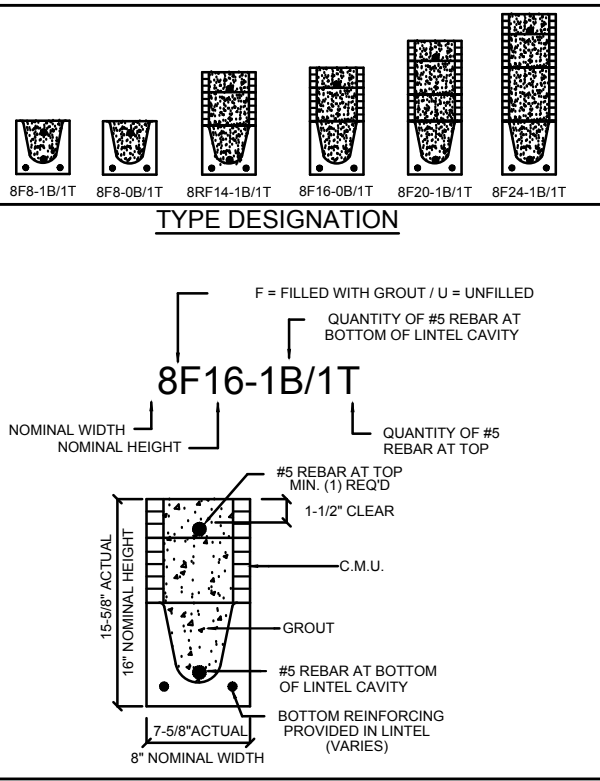
8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
UPLIFT											
LENGTH	TYPE	8RF8-1T 8RF8-2T	8RF10-1T 8RF10-2T	8RF14-1T 8RF14-2T	8RF18-1T 8RF18-2T	8RF22-1T 8RF22-2T	8RF26-1T 8RF26-2T	8RF30-1T 8RF30-2T	8RU6	8RF6	
4'-4" (52")	PRECAST	1244	1573	2413	3260	4112	4967	5825	932	932	
4'-6" (54")	PRECAST	1192	1507	2311	3121	3937	4756	5577	853	853	
5'-8" (68")	PRECAST	924	1192	1795	2423	3055	3689	4325	501	501	
5'-10" (70")	PRECAST	896	1138	1741	2357	2978	3603	4230	469	469	
6'-8" (80")	PRECAST	778	882	1513	2042	2573	3107	3642	830	1100	
7'-6" (90")	PRECAST	688	778	956	1468	1987	2509	3035	710	941	
9'-8" (116")	PRECAST	533	688	849	1302	1762	2225	2690	516	614	

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS											
8" PRECAST & PRESTRESSED U-LINTELS											
GRAVITY											
LENGTH	TYPE	8U8	8F8-0B 8F8-1B	8F12-0B 8F12-1B	8F16-0B 8F16-1B	8F20-0B 8F20-1B	8F24-0B 8F24-1B	8F28-0B 8F28-1B	8F32-0B 8F32-1B		
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936		
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947		
4'-0" (48")	PRECAST	2029	3166	4473	6039	7526	9004	10472	11936		
4'-6" (54")	PRECAST	1651	2325	2496	3467	4438	5410	6384	7358		
5'-4" (64")	PRECAST	1184	2646	4473	6039	7526	9004	10472	11936		
5'-10" (70")	PRECAST	972	1787	1913	2657	3403	4149	4898	5644		
6'-6" (78")	PRECAST	937	1223	1304	1806	2317	2826	3336	3846		
7'-6" (90")	PRECAST	767	1065	2889	5057	6096	5400	6424	7450		
8'-0" (96")	PRECAST	670	1000	1059	1474	1889	2304	2721	3137		
8'-8" (104")	PRECAST	618	1459	2464	4144	5458	4437	5280	6122		
9'-4" (112")	PRECAST	573	1255	2101	3263	2746	3358	3971	4585		
10'-6" (126")	PRECAST	456	1255	2101	3396	5260	7134	8995	6890		
11'-4" (136")	PRECAST	445	1029	1675	2385	1994	2439	2886	3333		
12'-0" (144")	PRECAST	414	1029	1675	2610	3839	5596	6613	5047		
13'-4" (160")	PRECAST	362	830	1362	1927	1602	1961	2320	2680		
14'-0" (168")	PRECAST	338	899	1445	2214	3192	4533	6513	4087		
14'-8" (176")	PRESTRESSED	N.R.	767	1257	1779	1479	1810	2142	2474		
15'-4" (184")	PRESTRESSED	N.R.	829	1332	2044	2946	4184	6012	3773		
17'-4" (208")	PRESTRESSED	N.R.	632	1049	1469	1210	1482	1754	2027		
19'-4" (232")	PRESTRESSED	N.R.	768	1212	1818	2544	3469	4030	3127		
21'-4" (256")	PRESTRESSED	N.R.	482	802	1125	915	1122	1328	1535		
22'-0" (264")	PRESTRESSED	N.R.	658	1025	1514	2081	2774	3130	2404		
24'-0" (288")	PRESTRESSED	N.R.	598	935	1365	1854	2355	1793	2075		
			598	935	1365	1854	2441	3155	4044		
			545	864	1254	1689	2074	1570	1818		
			555	864	1254	1693	2211	2832	3590		
			427	726	1028	1331	1635	1224	1418		
			485	748	1076	1438	1855	2343	2920		
			381	648	919	1190	1462	1087	1260		
			455	700	1003	1335	1714	2153	2666		
			NR	NR	NR	NR	NR	NR	NR		
			465	765	1370	2045	2610	3185	3765		
			NR	NR	NR	NR	NR	NR	NR		
			420	695	1250	1855	2370	2890	3410		
			NR	NR	NR	NR	NR	NR	NR		
			310	530	950	1400	1800	2200	2600		
			NR	NR	NR	NR	NR	NR	NR		
			240	400	750	1090	1400	1720	2030		
			NR	NR	NR	NR	NR	NR	NR		
			163	330	610	940	1340	1780	2110		
			NR	NR	NR	NR	NR	NR	NR		
			160	300	570	870	1250	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 8RF6-1B	8RF10-0B 8RF10-1B	8RF14-0B 8RF14-1B	8RF18-0B 8RF18-1B	8RF22-0B 8RF22-1B	8RF26-0B 8RF26-1B	8RF30-0B 8RF30-1B		
4'-4"(52")	PRECAST	1489	1591	3053	2982	3954	4929	5904	6880		
4'-6"(54")	PRECAST	1357	1827	3412	4982	6472	7947	9416	10878		
5'-8"(68")	PRECAST	785	1449	2782	2714	3600	4487	5375	6264		
5'-10"(70")	PRECAST	735	1702	3412	4982	6472	7947	9416	10878		
6'-8"(80")	PRECAST	822	832	1602	1550	2058	2566	3075	3585		
7'-6"(90")	PRECAST	665	1153	2162	4074	6472	6516	5814	6839		
9'-8"(116")	PRECAST	371	779	1500	1449	1924	2400	2876	3352		
			1103	2051	3811	6472	6516	5450	6411		
			907	1677	2933	2576	3223	3872	4522		
			907	1677	2933	4100	6730	8177	6707		
			761	1377	2252	1958	2451	2944	3439		
			764	1377	2329	3609	5492	6624	5132		
			420	834	1253	1071	1342	1614	1886		
			535	928	1497	2179	2618	3595	2875		

8" PRECAST & PRESTRESSED U-LINTELS											
UPLIFT											
LENGTH	TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	8F16-1T 8F16-2T	8F20-1T 8F20-2T	8F24-1T 8F24-2T	8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8	
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021	
3'-6" (42")	PRECAST	2165	2278	3981	5190	6407	7630	8857			
4'-0" (48")	PRECAST	1878	1989	2832	3680	4532	5387	6245	1257	1257	
4'-6" (54")	PRECAST	1680	1782	2507	3257	4010	4767	5525	938	938	
5'-4" (64")	PRECAST	1393	1484	2110	2741	3375	4010	4648	727	727	
5'-10" (70")	PRECAST	1272	1315	1875	2441	3010	3583	4157	505	505	
6'-6" (78")	PRECAST	1141	1200	1733	2250	2789	3290	3812	418	418	
7'-6" (90")	PRECAST	959	1182	1684	2192	2703	3216	3732	707	887	
9'-4" (112")	PRECAST	801	912	1475	1914	2354	2797	3245	591	657	
10'-6" (126")	PRECAST	801	755	1192	1550	1910	2271	2634	454	630	
11'-4" (136")	PRECAST	666	439	696	899	1104	1309	1515	396	493	
12'-0" (144")	PRECAST	607	535	905	1295	1595	1896	2198	363	556	
13'-4" (160")	PRECAST	631	400	631	816	1001	1186	1372	340	494	
14'-0" (168")	PRECAST	500	340	532	686	841	997	1153	302	398	
14'-8" (176")	PRESTRESSED	548	378	629	922	1254	1567	1816	286	360	
15'-4" (184")	PRESTRESSED	243	295	459	591	724	857	990	N.R.	357	
17'-4" (208")	PRESTRESSED	228	352	582	852	1156	1491	1742	N.R.	327	
19'-4" (232")	PRESTRESSED	228	278	430	553	677	801	925	N.R.	255	
21'-4" (256")	PRESTRESSED	188	236	361	464	567	670	774	N.R.	204	
22'-0" (264")	PRESTRESSED	165	276	449	649	874	1121	1389	N.R.	172	
24'-0" (288")	PRESTRESSED	145	186	278	383	550	736	940	N.R.	135	
		142	212	336	477	635	807	993	N.R.	161	
		137	205	322	457	607	771	947	N.R.		
		127	165	244	312	380	447	515	N.R.		
		124	166	290	408	538	680	833	N.R.		

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



- MATERIALS**
1. Fc precast lintels = 3500 psi.
 2. Fc prestressed lintels = 6000 psi.
 3. Fc grout = 3000 psi w/ maximum 3/8" aggregate.
 4. Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
 5. Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
 6. Prestressing strand per ASTM A416 grade 270 low relaxation.
 7. 7/32 wire per ASTM A510.
 8. Mortar per ASTM C270 type M or S.
- GENERAL NOTES**
1. Provide full mortar head and bed joints.
 2. Shore filled lintels as required.
 3. Installation of lintel must comply with the architectural and/or structural drawings.
 4. Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
 5. All lintels meet or exceed L/360 vertical deflection, except lintels 17'-4" and longer with a nominal height of 8" meet or exceed L/180.
 6. Bottom field added rebar to be located at the bottom of the lintel cavity.
 7. 7/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
 8. Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
 9. Safe load ratings based on rational design analysis per ACI 318 and ACI 530

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

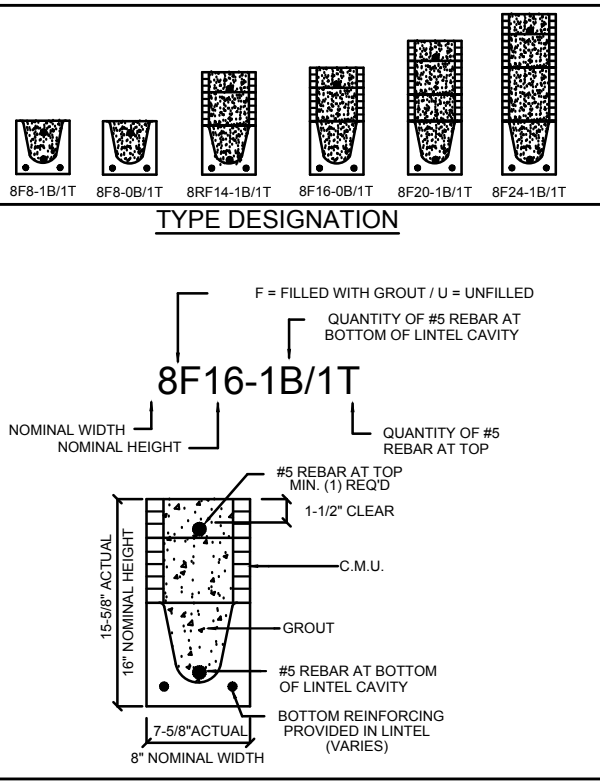
8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
UPLIFT										LATERAL	
LENGTH \ TYPE	8RF6-1T 8RF6-2T	8RF10-1T 8RF10-2T	8RF14-1T 8RF14-2T	8RF18-1T 8RF18-2T	8RF22-1T 8RF22-2T	8RF26-1T 8RF26-2T	8RF30-1T 8RF30-2T	8RU6	8RF6		
4'-4" (52") PRECAST	1244	1573	2413	3260	4112	4967	5825	932	932		
	1244	1519	2339	3170	4008	4850	5696				
4'-6" (54") PRECAST	1192	1507	2311	3121	3937	4756	5577	853	853		
	1192	1455	2240	3036	3837	4643	5453				
5'-8" (68") PRECAST	924	1172	1795	2423	3055	3689	4325	501	501		
	924	1132	1741	2357	2978	3603	4230				
5'-10" (70") PRECAST	896	1138	1742	2352	2965	3581	4198	469	469		
	896	1099	1690	2288	2895	3487	4106				
6'-8" (80") PRECAST	778	982	1513	2042	2573	3107	3642	830	1100		
	778	956	1468	1987	2509	3035	3562				
7'-6" (90") PRECAST	688	897	1325	1810	2280	2753	3227	710	941		
	688	849	1302	1762	2225	2690	3157				
9'-8" (116") PRECAST	533	433	808	1123	1413	1704	1995	516	614		
	533	527	1009	1369	1728	2088	2450				
*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR											

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS											
8" PRECAST & PRESTRESSED U-LINTELS											
GRAVITY											
LENGTH	TYPE	8U8	8F8-0B 8F8-1B	8F12-0B 8F12-1B	8F16-0B 8F16-1B	8F20-0B 8F20-1B	8F24-0B 8F24-1B	8F28-0B 8F28-1B	8F32-0B 8F32-1B		
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936		
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947		
4'-0" (48")	PRECAST	2029	3166	4473	6039	7526	9004	10472	11936		
4'-6" (54")	PRECAST	1651	2325	2496	3467	4438	5410	6384	7358		
5'-4" (64")	PRECAST	1184	2646	4473	6039	7526	9004	10472	11936		
5'-10" (70")	PRECAST	972	1787	1913	2657	3403	4149	4896	5644		
6'-6" (78")	PRECAST	937	1223	1304	1806	2317	2826	3336	3846		
7'-6" (90")	PRECAST	767	1665	2889	5057	8096	5400	6424	7450		
8'-0" (96")	PRECAST	670	1000	1059	1474	1889	2304	2721	3137		
8'-8" (104")	PRECAST	618	1459	2464	4144	5458	4437	5280	6122		
9'-4" (112")	PRECAST	573	1255	2101	3263	2746	3358	3971	4585		
10'-6" (126")	PRECAST	456	1255	2101	3396	5260	7134	8995	6890		
11'-4" (136")	PRECAST	445	1029	1675	2385	1994	2439	2886	3333		
12'-0" (144")	PRECAST	414	1029	1675	2610	3839	5596	6613	5047		
13'-4" (160")	PRECAST	362	830	1362	1927	1602	1961	2320	2680		
14'-0" (168")	PRECAST	338	899	1445	2214	3192	4533	6513	4087		
14'-8" (176")	PRESTRESSED	N.R.	767	1257	1779	1479	1810	2142	2474		
15'-4" (184")	PRESTRESSED	N.R.	829	1332	2044	2946	4184	6012	3773		
17'-4" (208")	PRESTRESSED	N.R.	632	1049	1469	1210	1482	1754	2027		
19'-4" (232")	PRESTRESSED	N.R.	768	1212	1818	2544	3469	4030	3127		
21'-4" (256")	PRESTRESSED	N.R.	482	802	1125	915	1122	1328	1535		
22'-0" (264")	PRESTRESSED	N.R.	658	1025	1514	2081	2774	3130	2404		
24'-0" (288")	PRESTRESSED	N.R.	598	935	1365	1854	2355	1793	2075		
			598	935	1365	1854	2441	3155	4044		
			545	864	1254	1689	2074	1570	1818		
			555	864	1254	1693	2211	2832	3590		
			427	726	1028	1331	1635	1224	1418		
			485	748	1076	1438	1855	2343	2920		
			381	648	919	1190	1462	1087	1260		
			455	700	1003	1335	1714	2153	2666		
			NR	NR	NR	NR	NR	NR	NR		
			465	765	1370	2045	2610	3185	3765		
			NR	NR	NR	NR	NR	NR	NR		
			420	695	1250	1855	2370	2890	3410		
			NR	NR	NR	NR	NR	NR	NR		
			310	530	950	1400	1800	2200	2600		
			NR	NR	NR	NR	NR	NR	NR		
			240	400	750	1090	1400	1720	2030		
			NR	NR	NR	NR	NR	NR	NR		
			163	330	610	940	1340	1780	2110		
			NR	NR	NR	NR	NR	NR	NR		
			160	300	570	870	1250	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 8RF6-1B	8RF10-0B 8RF10-1B	8RF14-0B 8RF14-1B	8RF18-0B 8RF18-1B	8RF22-0B 8RF22-1B	8RF26-0B 8RF26-1B	8RF30-0B 8RF30-1B		
4'-4"(52")	PRECAST	1489	1591	3053	2982	3954	4929	5904	6880		
4'-6"(54")	PRECAST	1357	1827	3412	4982	6472	7947	9416	10878		
5'-8"(68")	PRECAST	785	1449	2782	2714	3600	4487	5375	6264		
5'-10"(70")	PRECAST	735	1702	3412	4982	6472	7947	9416	10878		
6'-8"(80")	PRECAST	822	832	1602	1550	2058	2566	3075	3585		
7'-6"(90")	PRECAST	665	1153	2162	4074	6472	6516	5814	6839		
9'-8"(116")	PRECAST	371	779	1500	1449	1924	2400	2876	3352		
			1103	2051	3811	6472	6516	5450	6411		
			907	1677	2933	2576	3223	3872	4522		
			907	1677	2933	4100	6730	8177	6707		
			761	1377	2252	1958	2451	2944	3439		
			764	1377	2329	3609	5492	6624	5132		
			420	834	1253	1071	1342	1614	1886		
			535	928	1497	2179	2618	3595	2875		

8" PRECAST & PRESTRESSED U-LINTELS											
UPLIFT										LATERAL	
LENGTH	TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	8F16-1T 8F16-2T	8F20-1T 8F20-2T	8F24-1T 8F24-2T	8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8	
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021	
3'-6" (42")	PRECAST	2165	2289	3260	4237	5219	6204	7192	1257	1257	
4'-0" (48")	PRECAST	1878	1989	2832	3680	4532	5387	6245	938	938	
4'-6" (54")	PRECAST	1680	1878	1925	2750	3583	4422	5264	727	727	
5'-4" (64")	PRECAST	1393	1484	1705	2435	3171	3913	4658	505	505	
5'-10" (70")	PRECAST	1272	1337	1930	2670	3293	3920	4549	418	418	
6'-6" (78")	PRECAST	1141	1200	1733	2250	2789	3290	3812	707	887	
7'-6" (90")	PRECAST	959	1182	1684	2192	2703	3216	3732	591	657	
9'-4" (112")	PRECAST	801	912	1475	1914	2354	2797	3245	454	630	
10'-6" (126")	PRECAST	716	801	1192	1550	1910	2271	2634	396	493	
11'-4" (136")	PRECAST	666	716	998	1261	1560	1852	2144	363	556	
12'-0" (144")	PRECAST	631	666	905	1295	1595	1896	2198	340	494	
13'-4" (160")	PRECAST	573	607	831	1104	1309	1515	1719	302	398	
14'-0" (168")	PRECAST	548	573	778	1022	1226	1430	1634	286	360	
14'-8" (176")	PRESTRESSED	243	295	459	591	724	857	990	N.R.	357	
15'-4" (184")	PRESTRESSED	228	278	430	553	677	801	925	N.R.	325	
17'-4" (208")	PRESTRESSED	188	236	361	464	567	670	774	N.R.	257	
19'-4" (232")	PRESTRESSED	165	207	313	401	490	578	667	N.R.	204	
21'-4" (256")	PRESTRESSED	145	186	278	363	433	512	590	N.R.	172	
22'-0" (264")	PRESTRESSED	137	170	262	347	418	493	568	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
1. Fc precast lintels = 3500 psi.
 2. Fc prestressed lintels = 6000 psi.
 3. Fc grout = 3000 psi w/ maximum 3/8" aggregate.
 4. Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
 5. Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
 6. Prestressing strand per ASTM A416 grade 270 low relaxation.
 7. 7/32 wire per ASTM A510.
 8. Mortar per ASTM C270 type M or S.
- ### GENERAL NOTES
1. Provide full mortar head and bed joints.
 2. Shore filled lintels as required.
 3. Installation of lintel must comply with the architectural and/or structural drawings.
 4. Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
 5. All lintels meet or exceed L/360 vertical deflection, except lintels 17'-4" and longer with a nominal height of 8" meet or exceed L/180.
 6. Bottom field added rebar to be located at the bottom of the lintel cavity.
 7. 7/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
 8. Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
 9. Safe load ratings based on rational design analysis per ACI 318 and ACI 530

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

8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
UPLIFT										LATERAL	
LENGTH	TYPE	8RF8-1T 8RF8-2T	8RF10-1T 8RF10-2T	8RF14-1T 8RF14-2T	8RF18-1T 8RF18-2T	8RF22-1T 8RF22-2T	8RF26-1T 8RF26-2T	8RF30-1T 8RF30-2T	8RU6	8RF6	
4'-4" (52")	PRECAST	1244	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	1192	1455	2240	3036	3837	4643	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	688	778	956	1468	1987	2509	3035	710	941	
9'-8" (116")	PRECAST	533	688	849	1302	1762	2225	2690	516	614	

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

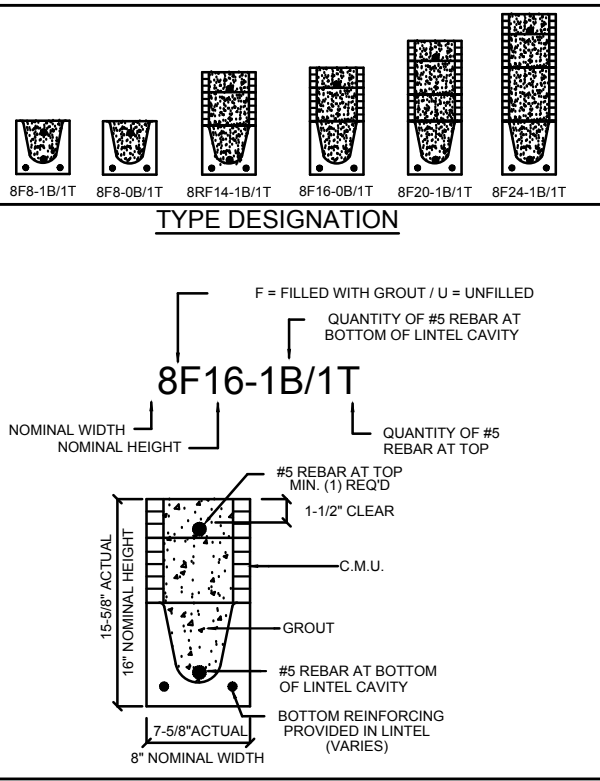
CAST CRETE / LOTTS / WEKIWA / FLORIDA ROCK - PRECAST LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	11'-4"	8F32-1B/1T	GARAGE
L-2	7'-6"	8F12-1B/1T	FOYER
L-3	4'-6"	8F16-1B/1T	3050 S.H.
L-4	5'-4"	8F16-1B/1T	4020 F.G.
L-5	3'-6"	8F16-1B/1T	2020 F.G.
L-6	9'-4"	8F16-1B/1T	8'-0"X8'-0" SGD
L-7	11'-4"	8F16-1B/1T	LANAI: CUT TO FIT
L-8	11'-4"	8F16-1B/1T	LANAI: CUT TO FIT
L-9	3'-6"	8F16-1B/1T	2020 F.G. (C.T.F.)
L-10	3'-6"	8F16-1B/1T	2060 S.H.
L-11	5'-10"	8F16-1B/1T	5060 S.H.
L-12	5'-8"	8RF14-1B/1T	3080 DR. W/ 1480 SL
L-13	4'-6"	8RF30-1B/1T	GAR SERVICE DR

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS											
8" PRECAST & PRESTRESSED U-LINTELS											
GRAVITY											
LENGTH	TYPE	8U8	8F8-0B 8F8-1B	8F12-0B 8F12-1B	8F16-0B 8F16-1B	8F20-0B 8F20-1B	8F24-0B 8F24-1B	8F28-0B 8F28-1B	8F32-0B 8F32-1B		
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936		
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947		
4'-0" (48")	PRECAST	2029	3166	4473	6039	7526	9004	10472	11936		
4'-6" (54")	PRECAST	1651	2325	2496	3467	4438	5410	6384	7358		
5'-4" (64")	PRECAST	1184	2646	4473	6039	7526	9004	10472	11936		
5'-10" (70")	PRECAST	972	1787	1913	2657	3403	4149	4896	5644		
6'-6" (78")	PRECAST	937	1223	1304	1806	2317	2826	3336	3846		
7'-6" (90")	PRECAST	767	1065	2889	5057	6096	5400	6424	7450		
8'-0" (96")	PRECAST	670	1000	1059	1474	1889	2304	2721	3137		
8'-8" (104")	PRECAST	618	1459	2464	4144	5458	4437	5280	6122		
9'-4" (112")	PRECAST	573	1255	2101	3263	2746	3358	3971	4585		
10'-6" (126")	PRECAST	456	1255	2101	3396	5260	7134	8995	6890		
11'-4" (136")	PRECAST	445	1029	1675	2385	1994	2439	2886	3333		
12'-0" (144")	PRECAST	414	1029	1675	2610	3839	5596	6613	5047		
13'-4" (160")	PRECAST	362	830	1362	1927	1602	1961	2320	2680		
14'-0" (168")	PRECAST	338	899	1445	2214	3192	4533	6513	4087		
14'-8" (176")	PRESTRESSED	N.R.	767	1257	1779	1479	1810	2142	2474		
15'-4" (184")	PRESTRESSED	N.R.	829	1332	2044	2946	4184	6012	3773		
17'-4" (208")	PRESTRESSED	N.R.	632	1049	1469	1210	1482	1754	2027		
19'-4" (232")	PRESTRESSED	N.R.	768	1212	1818	2544	3469	4030	3127		
21'-4" (256")	PRESTRESSED	N.R.	482	802	1125	915	1122	1328	1535		
22'-0" (264")	PRESTRESSED	N.R.	658	1025	1514	2081	2774	3130	2404		
24'-0" (288")	PRESTRESSED	N.R.	598	935	1365	1854	2355	1793	2075		
			598	935	1365	1854	2441	3155	4044		
			545	864	1254	1689	2074	1570	1818		
			555	864	1254	1693	2211	2832	3590		
			427	726	1028	1331	1635	1224	1418		
			485	748	1076	1438	1855	2343	2920		
			381	648	919	1190	1462	1087	1260		
			455	700	1003	1335	1714	2153	2666		
			NR	NR	NR	NR	NR	NR	NR		
			465	765	1370	2045	2610	3185	3765		
			NR	NR	NR	NR	NR	NR	NR		
			420	695	1250	1855	2370	2890	3410		
			NR	NR	NR	NR	NR	NR	NR		
			310	530	950	1400	1800	2200	2600		
			NR	NR	NR	NR	NR	NR	NR		
			240	400	750	1090	1400	1720	2030		
			NR	NR	NR	NR	NR	NR	NR		
			163	330	610	940	1340	1780	2110		
			NR	NR	NR	NR	NR	NR	NR		
			160	300	570	870	1250	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 8RF6-1B	8RF10-0B 8RF10-1B	8RF14-0B 8RF14-1B	8RF18-0B 8RF18-1B	8RF22-0B 8RF22-1B	8RF26-0B 8RF26-1B	8RF30-0B 8RF30-1B		
4'-4"(52")	PRECAST	1489	1591	3053	2982	3954	4929	5904	6880		
4'-6"(54")	PRECAST	1357	1827	3412	4982	6472	7947	9416	10878		
5'-8"(68")	PRECAST	785	1449	2782	2714	3600	4487	5375	6264		
5'-10"(70")	PRECAST	735	1702	3412	4982	6472	7947	9416	10878		
6'-8"(80")	PRECAST	822	832	1602	1550	2058	2566	3075	3585		
7'-6"(90")	PRECAST	665	1153	2162	4074	6472	6516	5814	6839		
9'-8"(116")	PRECAST	371	779	1500	1449	1924	2400	2876	3352		
			1103	2051	3811	6472	6516	5450	6411		
			907	1677	2933	2576	3223	3872	4522		
			907	1677	2933	4100	6730	8177	6707		
			761	1377	2252	1958	2451	2944	3439		
			764	1377	2329	3609	5492	6624	5132		
			420	834	1253	1071	1342	1614	1886		
			535	928	1497	2179	2618	3595	2875		

8" PRECAST & PRESTRESSED U-LINTELS											
UPLIFT											
LENGTH	TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	8F16-1T 8F16-2T	8F20-1T 8F20-2T	8F24-1T 8F24-2T	8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8	
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021	
3'-6" (42")	PRECAST	2165	2727	2784	3981	5190	6407	7630	1257	1257	
4'-0" (48")	PRECAST	1878	2165	2289	3260	4237	5219	6204	938	938	
4'-6" (54")	PRECAST	1680	1878	1989	2832	3680	4532	5387	727	727	
5'-4" (64")	PRECAST	1393	1680	1782	2507	3257	4010	4767	605	605	
5'-10" (70")	PRECAST	1141	1393	1484	1705	2435	3171	3913	418	418	
6'-6" (78")	PRECAST	1141	1272	1357	1930	2505	3084	3665	707	887	
7'-6" (90")	PRECAST	959	1141	1182	1684	2192	2703	3216	591	657	
9'-4" (112")	PRECAST	801	959	912	1475	1914	2354	2797	454	630	
10'-6" (126")	PRECAST	716	801	755	1192	1550	1910	2271	396	493	
11'-4" (136")	PRECAST	666	716	611	1039	1389	1711	2034	363	556	
12'-0" (144")	PRECAST	607	666	439	696	899	1104	1309	340	494	
13'-4" (160")	PRECAST	573	607	400	631	816	1001	1186	302	398	
14'-0" (168")	PRECAST	548	573	316	493	635	778	922	286	360	
14'-8" (176")	PRESTRESSED	243	548	295	459	591	724	857	N.R.	357	
15'-4" (184")	PRESTRESSED	228	243	352	582	852	1156	1491	N.R.	327	
17'-4" (208")	PRESTRESSED	188	228	278	430	553	677	801	N.R.	255	
19'-4" (232")	PRESTRESSED	165	188	236	361	464	567	670	N.R.	204	
21'-4" (256")	PRESTRESSED	145	165	207	349	449	578	667	N.R.	172	
22'-0" (264")	PRESTRESSED	142	145	186	278	368	433	512	N.R.	161	
24'-0" (288")	PRESTRESSED	127	142	180	268	343	418	493	N.R.	135	
		124	127	166	290	408	538	680	N.R.		

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



- ### MATERIALS
1. Fc precast lintels = 3500 psi.
 2. Fc prestressed lintels = 6000 psi.
 3. Fc grout = 3000 psi w/ maximum 3/8" aggregate.
 4. Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
 5. Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
 6. Prestressing strand per ASTM A416 grade 270 low relaxation.
 7. 7/32 wire per ASTM A510.
 8. Mortar per ASTM C270 type M or S.
- ### GENERAL NOTES
1. Provide full mortar head and bed joints.
 2. Shore filled lintels as required.
 3. Installation of lintel must comply with the architectural and/or structural drawings.
 4. Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
 5. All lintels meet or exceed L/360 vertical deflection, except lintels 17'-4" and longer with a nominal height of 8" meet or exceed L/180.
 6. Bottom field added rebar to be located at the bottom of the lintel cavity.
 7. 7/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
 8. Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
 9. Safe load ratings based on rational design analysis per ACI 318 and ACI 530

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

8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
UPLIFT											
LENGTH	TYPE	8RF6-1T 8RF6-2T	8RF10-1T 8RF10-2T	8RF14-1T 8RF14-2T	8RF18-1T 8RF18-2T	8RF22-1T 8RF22-2T	8RF26-1T 8RF26-2T	8RF30-1T 8RF30-2T	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	1192	1455	2240	3036	3837	4643	501	501	
5'-10" (70")	PRECAST	896	924	1132	1741	2357	2978	3603	469	469	
6'-8" (80")	PRECAST	778	896	882	1513	2042	2573	3107	830	1100	
7'-6" (90")	PRECAST	688	778	956	1468	1987	2509	3035	710	941	
9'-8" (116")	PRECAST	533	688	849	1302	1762	2225	2690	516	614	
		533	533	433	808	1123	1413	1704	1995		
		533	527	1009	1369	1728	2088	2450			

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

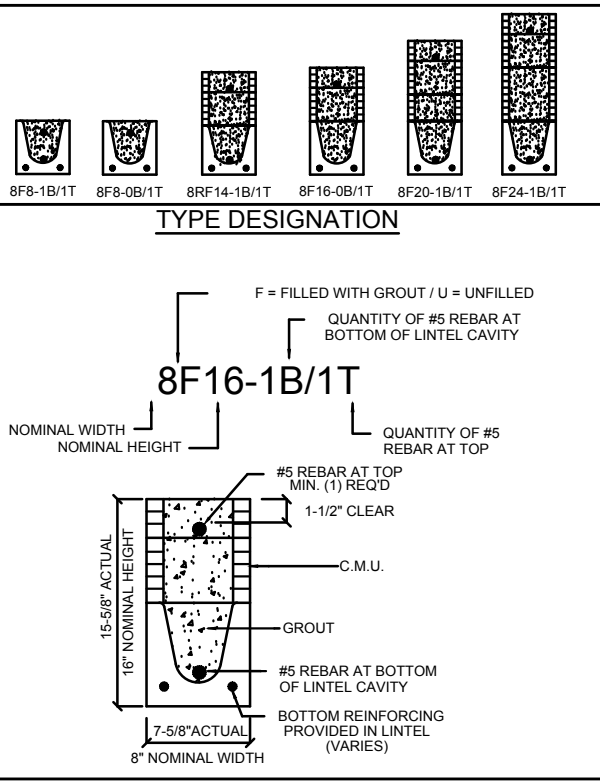
CAST CRETE / LOTTS / WEKIWA / FLORIDA ROCK - PRECAST LINTEL SCHEDULE		
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SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS											
8" PRECAST & PRESTRESSED U-LINTELS											
GRAVITY											
LENGTH	TYPE	8U8	8F8-0B 8F8-1B	8F12-0B 8F12-1B	8F16-0B 8F16-1B	8F20-0B 8F20-1B	8F24-0B 8F24-1B	8F28-0B 8F28-1B	8F32-0B 8F32-1B		
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936		
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947		
4'-0" (48")	PRECAST	2029	3166	4473	6039	7526	9004	10472	11936		
4'-6" (54")	PRECAST	1651	2325	2496	3467	4438	5410	6384	7358		
5'-4" (64")	PRECAST	1184	2646	4473	6039	7526	9004	10472	11936		
5'-10" (70")	PRECAST	972	1787	1913	2657	3403	4149	4898	5644		
6'-6" (78")	PRECAST	937	1223	1304	1806	2317	2826	3336	3846		
7'-6" (90")	PRECAST	767	1065	2889	5057	8096	5400	6424	7450		
8'-0" (96")	PRECAST	670	1000	1059	1474	1889	2304	2721	3137		
8'-8" (104")	PRECAST	618	1459	2464	4144	5458	4437	5280	6122		
9'-4" (112")	PRECAST	573	1255	2101	3263	2746	3358	3971	4585		
10'-6" (126")	PRECAST	456	1255	2101	3396	5260	7134	8995	6890		
11'-4" (136")	PRECAST	445	1029	1675	2385	1994	2439	2886	3333		
12'-0" (144")	PRECAST	414	1029	1675	2610	3839	5596	6613	5047		
13'-4" (160")	PRECAST	362	830	1362	1927	1602	1961	2320	2680		
14'-0" (168")	PRECAST	338	899	1445	2214	3192	4533	6513	4087		
14'-8" (176")	PRESTRESSED	N.R.	767	1257	1779	1479	1810	2142	2474		
15'-4" (184")	PRESTRESSED	N.R.	829	1332	2044	2946	4184	6012	3773		
17'-4" (208")	PRESTRESSED	N.R.	632	1049	1469	1210	1482	1754	2027		
19'-4" (232")	PRESTRESSED	N.R.	768	1212	1818	2544	3469	4030	3127		
21'-4" (256")	PRESTRESSED	N.R.	482	802	1125	915	1122	1328	1535		
22'-0" (264")	PRESTRESSED	N.R.	658	1025	1514	2081	2774	3130	2404		
24'-0" (288")	PRESTRESSED	N.R.	598	935	1365	1854	2355	1793	2075		
			598	935	1365	1854	2441	3155	4044		
			545	864	1254	1689	2074	1570	1818		
			555	864	1254	1693	2211	2832	3590		
			427	726	1028	1331	1635	1224	1418		
			485	748	1076	1438	1855	2343	2920		
			381	648	919	1190	1462	1087	1260		
			455	700	1003	1335	1714	2153	2666		
			NR	NR	NR	NR	NR	NR	NR		
			465	765	1370	2045	2610	3185	3765		
			NR	NR	NR	NR	NR	NR	NR		
			420	695	1250	1855	2370	2890	3410		
			NR	NR	NR	NR	NR	NR	NR		
			310	530	950	1400	1800	2200	2600		
			NR	NR	NR	NR	NR	NR	NR		
			240	400	750	1090	1400	1720	2030		
			NR	NR	NR	NR	NR	NR	NR		
			163	330	610	940	1340	1780	2110		
			NR	NR	NR	NR	NR	NR	NR		
			160	300	570	870	1250	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 8RF6-1B	8RF10-0B 8RF10-1B	8RF14-0B 8RF14-1B	8RF18-0B 8RF18-1B	8RF22-0B 8RF22-1B	8RF26-0B 8RF26-1B	8RF30-0B 8RF30-1B		
4'-4"(52")	PRECAST	1489	1591	3053	2982	3954	4929	5904	6880		
4'-6"(54")	PRECAST	1357	1827	3412	4982	6472	7947	9416	10878		
5'-8"(68")	PRECAST	785	1449	2782	2714	3600	4487	5375	6264		
5'-10"(70")	PRECAST	735	1702	3412	4982	6472	7947	9416	10878		
6'-8"(80")	PRECAST	822	832	1602	1550	2058	2566	3075	3585		
7'-6"(90")	PRECAST	665	1153	2162	4074	6472	6516	5814	6839		
9'-8"(116")	PRECAST	371	779	1500	1449	1924	2400	2876	3352		
			1103	2051	3811	6472	6516	5450	6411		
			907	1677	2933	2576	3223	3872	4522		
			907	1677	2933	4100	6730	8177	6707		
			761	1377	2252	1958	2451	2944	3439		
			764	1377	2329	3609	5492	6624	5132		
			420	834	1253	1071	1342	1614	1886		
			535	928	1497	2179	2618	3595	2875		

8" PRECAST & PRESTRESSED U-LINTELS											
UPLIFT											
LENGTH	TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	8F16-1T 8F16-2T	8F20-1T 8F20-2T	8F24-1T 8F24-2T	8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8	
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021	
3'-6" (42")	PRECAST	2165	2289	3260	4237	5219	6204	7192	1257	1257	
4'-0" (48")	PRECAST	1878	1989	2832	3680	4532	5387	6245	938	938	
4'-6" (54")	PRECAST	1680	1878	1925	2750	3583	4422	5264	727	727	
5'-4" (64")	PRECAST	1393	1484	1705	2435	3171	3913	4658	505	505	
5'-10" (70")	PRECAST	1272	1337	1537	2050	2670	3293	3920	418	418	
6'-6" (78")	PRECAST	1141	1200	1315	1875	2441	3010	3583	707	887	
7'-6" (90")	PRECAST	959	912	1182	1684	2192	2703	3216	591	657	
9'-4" (112")	PRECAST	801	801	912	1475	1914	2354	2797	454	630	
10'-6" (126")	PRECAST	716	716	801	1029	1466	1907	2351	396	493	
11'-4" (136")	PRECAST	666	666	716	988	1389	1889	2389	363	556	
12'-0" (144")	PRECAST	631	631	666	905	1295	1595	1896	340	494	
13'-4" (160")	PRECAST	573	573	631	816	1100	1386	1672	302	398	
14'-0" (168")	PRECAST	548	548	573	778	1022	1265	1567	286	360	
14'-8" (176")	PRESTRESSED	243	243	286	459	591	724	857	N.R.	357	
15'-4" (184")	PRESTRESSED	228	228	278	430	553	677	801	N.R.	325	
17'-4" (208")	PRESTRESSED	188	188	236	361	464	567	670	N.R.	257	
19'-4" (232")	PRESTRESSED	165	165	207	313	401	490	578	N.R.	204	
21'-4" (256")	PRESTRESSED	145	145	186	278	356	433	512	N.R.	172	
22'-0" (264")	PRESTRESSED	137	137	205	322	457	607	771	N.R.	161	
24'-0" (288")	PRESTRESSED	127	127	185	244	312	380	447	N.R.	135	
		124	124	186	290	408	538	680	N.R.	135	

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



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

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

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

8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
UPLIFT											
LENGTH	TYPE	8RF6-1T 8RF6-2T	8RF10-1T 8RF10-2T	8RF14-1T 8RF14-2T	8RF18-1T 8RF18-2T	8RF22-1T 8RF22-2T	8RF26-1T 8RF26-2T	8RF30-1T 8RF30-2T	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'-6" (68")	PRECAST	924	1192	1795	2423	3055	3689	4325	501	501	
5'-10" (70")	PRECAST	896	1138	1741	2357	2978	3603	4230	469	469	
6'-8" (80")	PRECAST	778	882	1513	2042	2573	3107	3642	830	1100	
7'-6" (90")	PRECAST	688	778	956	1468	1987	2509	3035	710	941	
9'-8" (116")	PRECAST	533	688	849	1302	1762	2225	2690	516	614	
		533	688	849	1302	1762	2225	2690	516	614	

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

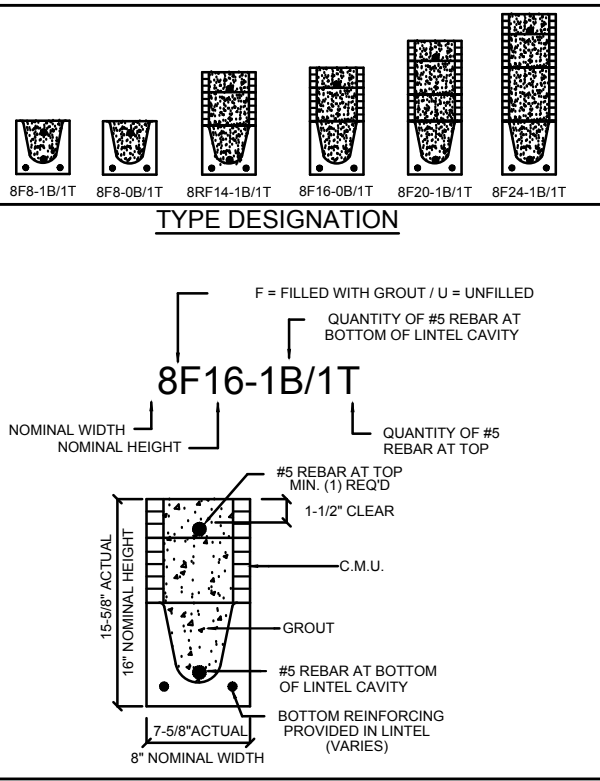
CAST CRETE / LOTTS / WEKIWA / FLORIDA ROCK - PRECAST LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS											
8" PRECAST & PRESTRESSED U-LINTELS											
GRAVITY											
LENGTH	TYPE	8U8	8F8-0B 8F8-1B	8F12-0B 8F12-1B	8F16-0B 8F16-1B	8F20-0B 8F20-1B	8F24-0B 8F24-1B	8F28-0B 8F28-1B	8F32-0B 8F32-1B		
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936		
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947		
4'-0" (48")	PRECAST	2029	3166	4473	6039	7526	9004	10472	11936		
4'-6" (54")	PRECAST	1651	2325	2496	3467	4438	5410	6384	7358		
5'-4" (64")	PRECAST	1184	2646	4473	6039	7526	9004	10472	11936		
5'-10" (70")	PRECAST	972	1787	1913	2657	3403	4149	4898	5644		
6'-6" (78")	PRECAST	937	1223	1304	1806	2317	2826	3336	3846		
7'-6" (90")	PRECAST	767	1065	2889	5057	8096	5400	6424	7450		
8'-0" (96")	PRECAST	670	1000	1059	1474	1889	2304	2721	3137		
8'-8" (104")	PRECAST	618	1459	2464	4144	5458	4437	5280	6122		
9'-4" (112")	PRECAST	573	1255	2101	3263	2746	3358	3971	4585		
10'-6" (126")	PRECAST	456	1255	2101	3396	5260	7134	8995	6890		
11'-4" (136")	PRECAST	445	1029	1675	2385	1994	2439	2886	3333		
12'-0" (144")	PRECAST	414	1029	1675	2610	3839	5596	6613	5047		
13'-4" (160")	PRECAST	362	830	1362	1927	1602	1961	2320	2680		
14'-0" (168")	PRECAST	338	899	1445	2214	3192	4533	6513	4087		
14'-8" (176")	PRESTRESSED	N.R.	767	1257	1779	1479	1810	2142	2474		
15'-4" (184")	PRESTRESSED	N.R.	829	1332	2044	2946	4184	6012	3773		
17'-4" (208")	PRESTRESSED	N.R.	632	1049	1469	1210	1482	1754	2027		
19'-4" (232")	PRESTRESSED	N.R.	768	1212	1818	2544	3469	4030	3127		
21'-4" (256")	PRESTRESSED	N.R.	482	802	1125	915	1122	1328	1535		
22'-0" (264")	PRESTRESSED	N.R.	658	1025	1514	2081	2774	3130	2404		
24'-0" (288")	PRESTRESSED	N.R.	598	935	1365	1854	2355	1793	2075		
			598	935	1365	1854	2441	3155	4044		
			545	864	1254	1689	2074	1570	1818		
			555	864	1254	1693	2211	2832	3590		
			427	726	1028	1331	1635	1224	1418		
			485	748	1076	1438	1855	2343	2920		
			381	648	919	1190	1462	1087	1260		
			455	700	1003	1335	1714	2153	2666		
			NR	NR	NR	NR	NR	NR	NR		
			465	765	1370	2045	2610	3185	3765		
			NR	NR	NR	NR	NR	NR	NR		
			420	695	1250	1855	2370	2890	3410		
			NR	NR	NR	NR	NR	NR	NR		
			310	530	950	1400	1800	2200	2600		
			NR	NR	NR	NR	NR	NR	NR		
			240	400	750	1090	1400	1720	2030		
			NR	NR	NR	NR	NR	NR	NR		
			163	330	610	940	1340	1780	2110		
			NR	NR	NR	NR	NR	NR	NR		
			160	300	570	870	1250	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 8RF6-1B	8RF10-0B 8RF10-1B	8RF14-0B 8RF14-1B	8RF18-0B 8RF18-1B	8RF22-0B 8RF22-1B	8RF26-0B 8RF26-1B	8RF30-0B 8RF30-1B		
4'-4"(52")	PRECAST	1489	1591	3053	2982	3954	4929	5904	6880		
4'-6"(54")	PRECAST	1357	1827	3412	4982	6472	7947	9416	10878		
5'-8"(68")	PRECAST	785	1449	2782	2714	3600	4487	5375	6264		
5'-10"(70")	PRECAST	735	1702	3412	4982	6472	7947	9416	10878		
6'-8"(80")	PRECAST	822	832	1602	1550	2058	2566	3075	3585		
7'-6"(90")	PRECAST	665	1153	2162	4074	6472	6516	5814	6839		
9'-8"(116")	PRECAST	371	779	1500	1449	1924	2400	2876	3352		
			1103	2051	3811	6472	6516	5450	6411		
			907	1677	2933	2576	3223	3872	4522		
			907	1677	2933	4100	6730	8177	6707		
			761	1377	2252	1958	2451	2944	3439		
			764	1377	2329	3609	5492	6624	5132		
			420	834	1253	1071	1342	1614	1886		
			535	928	1497	2179	2618	3595	2875		

8" PRECAST & PRESTRESSED U-LINTELS											
UPLIFT										LATERAL	
LENGTH	TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	8F16-1T 8F16-2T	8F20-1T 8F20-2T	8F24-1T 8F24-2T	8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8	
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021	
3'-6" (42")	PRECAST	2165	2278	3981	5190	6407	7630	8857			
4'-0" (48")	PRECAST	1878	1989	2832	3680	4532	5387	6245	1257	1257	
4'-6" (54")	PRECAST	1680	1878	1925	2750	3583	4422	5264	938	938	
5'-4" (64")	PRECAST	1660	1762	2507	3257	4010	4767	5525			
5'-10" (70")	PRECAST	1393	1484	1705	2435	3171	3913	4658	727	727	
6'-6" (78")	PRECAST	1141	1277	1357	1930	2505	3084	3665	505	505	
7'-6" (90")	PRECAST	990	1029	1466	1907	2351	2797	3245			
8'-0" (96")	PRECAST	801	812	980	1269	1560	1852	2144	591	657	
8'-4" (100")	PRECAST	801	755	1192	1550	1910	2271	2634	454	630	
10'-6" (126")	PRECAST	716	498	793	1027	1261	1496	1731			
11'-4" (136")	PRECAST	666	439	696	899	1104	1309	1515	396	493	
12'-0" (144")	PRECAST	666	535	905	1295	1595	1896	2198	363	556	
13'-4" (160")	PRECAST	607	400	631	816	1001	1186	1372			
14'-0" (168")	PRECAST	631	486	818	1209	1514	1799	2086	340	494	
14'-8" (176")	PRESTRESSED	500	340	532	686	841	997	1153			
15'-4" (184")	PRESTRESSED	573	409	682	1004	1367	1637	1897	302	398	
17'-4" (208")	PRESTRESSED	458	316	493	635	778	922	1065			
19'-4" (232")	PRESTRESSED	548	378	629	922	1254	1567	1816	286	360	
21'-4" (256")	PRESTRESSED	243	295	459	591	724	857	990			
22'-0" (264")	PRESTRESSED	243	352	582	852	1156	1491	1742	N.R.	357	
24'-0" (288")	PRESTRESSED	228	278	430	553	677	801	925			
		228	329	542	791	1072	1381	1676	N.R.	327	
		188	236	361	464	567	670	774	N.R.	255	
		188	276	449	649	874	1121	1389	N.R.	265	
		165	207	313	401	490	578	667	N.R.	204	
		145	186	278	363	456	543	630	N.R.	172	
		142	212	336	477	635	807	993	N.R.	161	
		140	180	268	343	418	493	568	N.R.	161	
		137	205	322	457	607	771	947	N.R.	161	
		127	165	244	312	380	447	515	N.R.	161	
		124	166	290	408	538	680	833	N.R.	135	

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



MATERIALS

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

GENERAL NOTES

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

SAFE LOAD TABLE NOTES

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

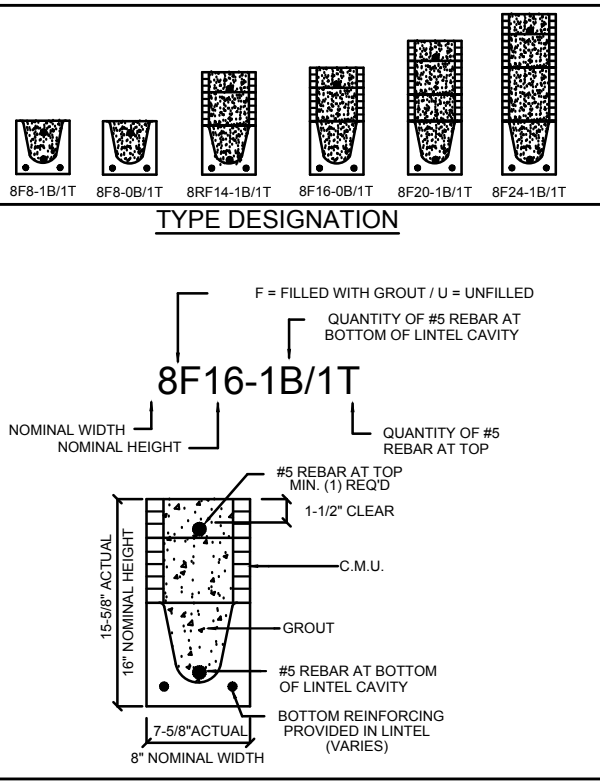
8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
UPLIFT									LATERAL		
LENGTH \ TYPE	8RF6-1T 8RF6-2T	8RF10-1T 8RF10-2T	8RF14-1T 8RF14-2T	8RF18-1T 8RF18-2T	8RF22-1T 8RF22-2T	8RF26-1T 8RF26-2T	8RF30-1T 8RF30-2T	8RU6	8RF6		
4'-4" (52") PRECAST	1244	1573	2413	3260	4112	4967	5825	932	932		
	1244	1519	2339	3170	4008	4850	5696				
4'-6" (54") PRECAST	1192	1507	2311	3121	3937	4756	5577	853	853		
	1192	1455	2240	3036	3847	4643	5453				
5'-8" (68") PRECAST	924*	1172	1795	2423	3055	3689	4325	501	501		
	924*	1132	1741	2357	2978	3603	4230				
5'-10" (70") PRECAST	896*	1138	1742	2352	2965	3581	4198	469	469		
	896	1099	1690	2288	2895	3487	4106				
6'-8" (80") PRECAST	778	982	1513	2042	2573	3107	3642	830	1100		
	778	965	1468	1987	2509	3035	3562				
7'-6" (90") PRECAST	688	897	1325	1810	2280	2753	3227	710	941		
	688	849	1302	1762	2225	2690	3157				
9'-8" (116") PRECAST	533*	833	808	1123	1413	1704	1995	516	614		
	533	527	1009	1369	1728	2088	2450				
*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR											

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS											
8" PRECAST & PRESTRESSED U-LINTELS											
GRAVITY											
LENGTH	TYPE	8U8	8F8-0B 8F8-1B	8F12-0B 8F12-1B	8F16-0B 8F16-1B	8F20-0B 8F20-1B	8F24-0B 8F24-1B	8F28-0B 8F28-1B	8F32-0B 8F32-1B		
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936		
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947		
4'-0" (48")	PRECAST	2029	3166	4473	6039	7526	9004	10472	11936		
4'-6" (54")	PRECAST	1651	2325	2496	3467	4438	5410	6384	7358		
5'-4" (64")	PRECAST	1184	2646	4473	6039	7526	9004	10472	11936		
5'-10" (70")	PRECAST	972	1787	1913	2657	3403	4149	4898	5644		
6'-6" (78")	PRECAST	937	1223	1304	1806	2317	2826	3336	3846		
7'-6" (90")	PRECAST	767	1065	2889	5057	8096	5400	6424	7450		
8'-0" (96")	PRECAST	670	1000	1059	1474	1889	2304	2721	3137		
8'-8" (104")	PRECAST	618	1459	2464	4144	5458	4437	5280	6122		
9'-4" (112")	PRECAST	573	1255	2101	3263	2746	3358	3971	4585		
10'-6" (126")	PRECAST	456	1255	2101	3396	5260	7134	8995	6890		
11'-4" (136")	PRECAST	445	1029	1675	2385	1994	2439	2886	3333		
12'-0" (144")	PRECAST	414	1029	1675	2610	3839	5596	6613	5047		
13'-4" (160")	PRECAST	362	830	1362	1927	1602	1961	2320	2680		
14'-0" (168")	PRECAST	338	899	1445	2214	3192	4533	6513	4087		
14'-8" (176")	PRESTRESSED	N.R.	767	1257	1779	1479	1810	2142	2474		
15'-4" (184")	PRESTRESSED	N.R.	829	1332	2044	2946	4184	6012	3773		
17'-4" (208")	PRESTRESSED	N.R.	632	1049	1469	1210	1482	1754	2027		
19'-4" (232")	PRESTRESSED	N.R.	768	1212	1818	2544	3469	4030	3127		
21'-4" (256")	PRESTRESSED	N.R.	482	802	1125	915	1122	1328	1535		
22'-0" (264")	PRESTRESSED	N.R.	658	1025	1514	2081	2774	3130	2404		
24'-0" (288")	PRESTRESSED	N.R.	598	935	1365	1854	2355	1793	2075		
			598	935	1365	1854	2441	3155	4044		
			545	864	1254	1689	2074	1570	1818		
			555	864	1254	1693	2211	2832	3590		
			427	726	1028	1331	1635	1224	1418		
			485	748	1076	1438	1855	2343	2920		
			381	648	919	1190	1462	1087	1260		
			455	700	1003	1335	1714	2153	2666		
			NR	NR	NR	NR	NR	NR	NR		
			465	765	1370	2045	2610	3185	3765		
			NR	NR	NR	NR	NR	NR	NR		
			420	695	1250	1855	2370	2890	3410		
			NR	NR	NR	NR	NR	NR	NR		
			310	530	950	1400	1800	2200	2600		
			NR	NR	NR	NR	NR	NR	NR		
			240	400	750	1090	1400	1720	2030		
			NR	NR	NR	NR	NR	NR	NR		
			163	330	610	940	1340	1780	2110		
			NR	NR	NR	NR	NR	NR	NR		
			160	300	570	870	1250	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 8RF6-1B	8RF10-0B 8RF10-1B	8RF14-0B 8RF14-1B	8RF18-0B 8RF18-1B	8RF22-0B 8RF22-1B	8RF26-0B 8RF26-1B	8RF30-0B 8RF30-1B		
4'-4"(52")	PRECAST	1489	1591	3053	2982	3954	4929	5904	6880		
4'-6"(54")	PRECAST	1357	1827	3412	4982	6472	7947	9416	10878		
5'-8"(68")	PRECAST	785	1449	2782	2714	3600	4487	5375	6264		
5'-10"(70")	PRECAST	735	1702	3412	4982	6472	7947	9416	10878		
6'-8"(80")	PRECAST	822	832	1602	1550	2058	2566	3075	3585		
7'-6"(90")	PRECAST	665	1153	2162	4074	6472	6516	5814	6839		
9'-8"(116")	PRECAST	371	779	1500	1449	1924	2400	2876	3352		
			1103	2051	3811	6472	6516	5450	6411		
			907	1677	2933	2576	3223	3872	4522		
			907	1677	2933	4100	6730	8177	6707		
			761	1377	2252	1958	2451	2944	3439		
			764	1377	2329	3609	5492	6624	5132		
			420	834	1253	1071	1342	1614	1886		
			535	928	1497	2179	2618	3595	2875		

8" PRECAST & PRESTRESSED U-LINTELS											
UPLIFT											
LENGTH	TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	8F16-1T 8F16-2T	8F20-1T 8F20-2T	8F24-1T 8F24-2T	8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8	
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021	
3'-6" (42")	PRECAST	2165	2289	3260	4237	5219	6204	7192	1257	1257	
4'-0" (48")	PRECAST	1878	1989	2832	3680	4532	5387	6245	938	938	
4'-6" (54")	PRECAST	1680	1878	1925	2750	3583	4422	5264	727	727	
5'-4" (64")	PRECAST	1393	1484	1705	2435	3171	3913	4658	505	505	
5'-10" (70")	PRECAST	1272	1337	1537	2050	2670	3293	3920	418	418	
6'-6" (78")	PRECAST	1141	1200	1315	1875	2441	3010	3583	707	887	
7'-6" (90")	PRECAST	959	912	1182	1684	2192	2703	3216	591	657	
9'-4" (112")	PRECAST	801	801	912	1475	1914	2354	2797	454	630	
10'-6" (126")	PRECAST	716	716	801	1192	1550	1910	2271	396	493	
11'-4" (136")	PRECAST	666	666	716	998	1261	1496	1731	363	556	
12'-0" (144")	PRECAST	631	607	631	896	1104	1309	1515	340	494	
13'-4" (160")	PRECAST	500	488	500	733	886	1001	1186	302	398	
14'-0" (168")	PRECAST	458	458	458	632	778	922	1065	286	360	
14'-8" (176")	PRESTRESSED	243	243	243	352	438	525	612	N.R.	357	
15'-4" (184")	PRESTRESSED	228	228	228	329	404	481	558	N.R.	325	
17'-4" (208")	PRESTRESSED	188	188	188	236	361	464	567	N.R.	257	
19'-4" (232")	PRESTRESSED	165	165	165	207	313	401	490	N.R.	204	
21'-4" (256")	PRESTRESSED	145	145	145	186	278	366	453	N.R.	172	
22'-0" (264")	PRESTRESSED	137	137	137	205	322	427	538	N.R.	161	
24'-0" (288")	PRESTRESSED	127	127	127	185	244	312	380	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	8RF6-1T 8RF6-2T	8RF10-1T 8RF10-2T	8RF14-1T 8RF14-2T	8RF18-1T 8RF18-2T	8RF22-1T 8RF22-2T	8RF26-1T 8RF26-2T	8RF30-1T 8RF30-2T	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'-6" (68")	PRECAST	924	1192	1795	2423	3055	3689	4325	501	501	
5'-10" (70")	PRECAST	896	1138	1741	2357	2978	3603	4230	469	469	
6'-8" (80")	PRECAST	778	882	1513	2042	2573	3107	3642	830	1100	
7'-6" (90")	PRECAST	688	778	956	1468	1987	2509	3035	710	941	
9'-8" (116")	PRECAST	533	688	849	1302	1762	2225	2690	516	614	

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

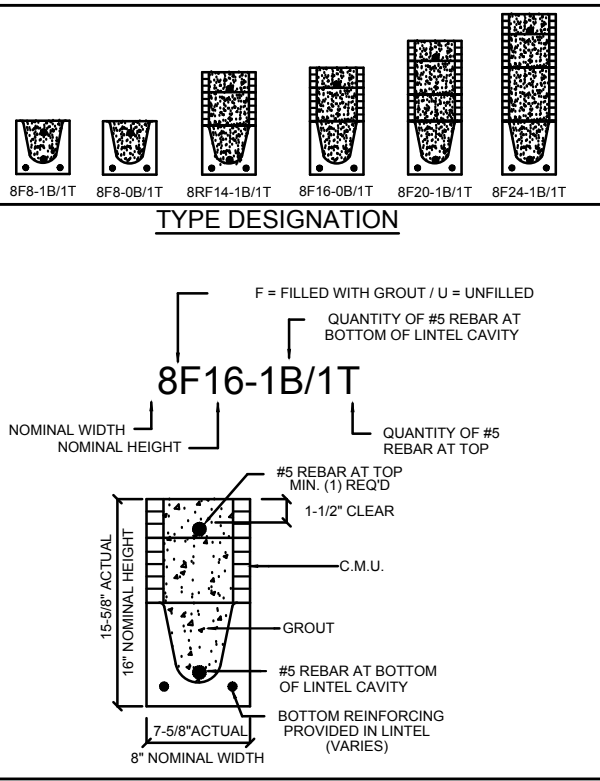
CAST CRETE / LOTTS / WEKIWA / FLORIDA ROCK - PRECAST LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	11'-4"	8F32-1B/1T	GARAGE
L-2	7'-6"	8F24-1B/1T	FOYER (C.T.F.)
L-3	4'-6"	8F16-1B/1T	3050 S.H.
L-4	5'-4"	8F16-1B/1T	4020 F.G.
L-5	3'-6"	8F16-1B/1T	2020 F.G.
L-6	9'-4"	8F16-1B/1T	8'-0

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS											
8" PRECAST & PRESTRESSED U-LINTELS											
GRAVITY											
LENGTH \ TYPE	8U8	8F8-0B 8F8-1B	8F12-0B 8F12-1B	8F16-0B 8F16-1B	8F20-0B 8F20-1B	8F24-0B 8F24-1B	8F28-0B 8F28-1B	8F32-0B 8F32-1B			
2'-10" (34") PRECAST	2302	3166	4473	6039	7526	9004	10472	11936			
3'-6" (42") PRECAST	2302	3138	3377	4689	6001	7315	8630	9947			
4'-0" (48") PRECAST	2029	3166	4473	6039	7526	9004	10472	11936			
4'-6" (54") PRECAST	1651	2325	2496	3467	4438	5410	6384	7358			
5'-4" (64") PRECAST	1184	2646	4473	6039	7526	9004	10472	11936			
5'-10" (70") PRECAST	972	1787	1913	2657	3403	4149	4898	5644			
6'-6" (78") PRECAST	937	1223	1304	1806	2317	2826	3336	3846			
7'-6" (90") PRECAST	767	1065	2889	5057	8096	5400	6424	7450			
8'-0" (96") PRECAST	670	1000	1059	1474	1889	2304	2721	3137			
8'-8" (104") PRECAST	618	1459	2464	4144	5458	4437	5280	6122			
9'-4" (112") PRECAST	573	1255	2101	3263	2746	3358	3971	4585			
10'-6" (126") PRECAST	456	1255	2101	3396	5260	7134	8995	6890			
11'-4" (136") PRECAST	445	1029	1675	2385	1994	2439	2886	3333			
12'-0" (144") PRECAST	414	1029	1675	2610	3839	5596	6613	5047			
13'-4" (160") PRECAST	362	830	1362	1927	1602	1961	2320	2680			
14'-0" (168") PRECAST	338	899	1445	2214	3192	4533	6513	4087			
14'-8" (176") PRESTRESSED	N.R.	767	1257	1779	1479	1810	2142	2474			
15'-4" (184") PRESTRESSED	N.R.	829	1332	2044	2946	4184	6012	3773			
17'-4" (208") PRESTRESSED	N.R.	632	1049	1469	1210	1482	1754	2027			
19'-4" (232") PRESTRESSED	N.R.	768	1212	1818	2544	3469	4030	3127			
21'-4" (256") PRESTRESSED	N.R.	482	802	1125	915	1122	1328	1535			
22'-0" (264") PRESTRESSED	N.R.	658	1025	1514	2081	2774	3130	2404			
24'-0" (288") PRESTRESSED	N.R.	598	935	1365	1854	2355	1793	2075			
		598	935	1365	1854	2441	3155	4044			
		545	864	1254	1689	2074	1570	1818			
		555	864	1254	1693	2211	2832	3590			
		427	726	1028	1331	1635	1224	1418			
		485	748	1076	1438	1855	2343	2920			
		381	648	919	1190	1462	1087	1260			
		455	700	1003	1335	1714	2153	2666			
		NR	NR	NR	NR	NR	NR	NR			
		465	765	1370	2045	2610	3185	3765			
		NR	NR	NR	NR	NR	NR	NR			
		420	695	1250	1855	2370	2890	3410			
		NR	NR	NR	NR	NR	NR	NR			
		310	530	950	1400	1800	2200	2600			
		NR	NR	NR	NR	NR	NR	NR			
		240	400	750	1090	1400	1720	2030			
		NR	NR	NR	NR	NR	NR	NR			
		163	330	610	940	1340	1780	2110			
		NR	NR	NR	NR	NR	NR	NR			
		160	300	570	870	1250	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 8RF6-1B	8RF10-0B 8RF10-1B	8RF14-0B 8RF14-1B	8RF18-0B 8RF18-1B	8RF22-0B 8RF22-1B	8RF26-0B 8RF26-1B	8RF30-0B 8RF30-1B			
4'-4"(52") PRECAST	1489	1591	3053	2982	3954	4929	5904	6880			
4'-6"(54") PRECAST	1357	1827	3412	4982	6472	7947	9416	10878			
5'-8"(68") PRECAST	785	1449	2782	2714	3600	4487	5375	6264			
5'-10"(70") PRECAST	735	1702	3412	4982	6472	7947	9416	10878			
6'-8"(80") PRECAST	822	832	1602	1550	2058	2566	3075	3585			
7'-6"(90") PRECAST	665	1153	2162	4074	6472	6516	5814	6839			
9'-8"(116") PRECAST	371	779	1500	1449	1924	2400	2876	3352			
		1103	2051	3811	6472	6516	5450	6411			
		907	1677	2933	2576	3223	3872	4522			
		907	1677	2933	4100	6730	8177	6707			
		761	1377	2252	1958	2451	2944	3439			
		764	1377	2329	3609	5492	6624	5132			
		420	834	1253	1071	1342	1614	1886			
		535	928	1497	2179	2618	3595	2875			

8" PRECAST & PRESTRESSED U-LINTELS											
UPLIFT										LATERAL	
LENGTH	TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	8F16-1T 8F16-2T	8F20-1T 8F20-2T	8F24-1T 8F24-2T	8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8	
2'-10" (34") PRECAST		2727	2878	4101	5332	6569	7811	9055	2021	2021	
		2727	2784	3981	5190	6407	7630	8857			
3'-6" (42") PRECAST		2165	2289	3260	4237	5219	6204	7192	1257	1257	
		2165	2215	3165	4125	5091	6061	7036			
4'-0" (48") PRECAST		1878	1989	2832	3680	4532	5387	6245	938	938	
		1878	1925	2750	3583	4422	5264	6110			
4'-6" (54") PRECAST		1660	1762	2507	3257	4010	4767	5525	727	727	
		1660	1705	2435	3171	3913	4658	5406			
5'-4" (64") PRECAST		1393*	1484	2110	2741	3375	4010	4648	505	505	
		1393	1437	2050	2670	3293	3920	4549			
5'-10" (70") PRECAST		1272*	1357	1930	2505	3084	3665	4247	418	418	
		1272*	1315	1875	2441	3010	3583	4157			
6'-6" (78") PRECAST		1141*	1200	1733	2250	2769	3290	3812	707	887	
		1141	1182	1684	2192	2703	3216	3732			
7'-6" (90") PRECAST		959*	912	1475	1914	2354	2797	3240	591	657	
		990	1029	1466	1907	2351	2797	3245			
9'-4" (112") PRECAST		801*	812	980	1269	1560	1852	2144	454	630	
		801	755	1192	1550	1910	2271	2634			
10'-6" (126") PRECAST		716*	698	793	1027	1261	1496	1731	396	493	
		716	611	1039	1389	1711	2034	2358			
11'-4" (136") PRECAST		666*	439	696	899	1104	1309	1515	363	556	
		666	535	905	1295	1595	1896	2198			
12'-0" (144") PRECAST		607*	400	631	816	1001	1186	1372	340	494	
		631	486	818	1209	1514	1799	2086			
13'-4" (160") PRECAST		500*	340	532	686	841	997	1153	302	398	
		573	409	682	1004	1367	1637	1897			
14'-0" (168") PRECAST		458*	316	493	635	778	922	1065	286	360	
		548	378	629	922	1254	1567	1816			
14'-8" (176") PRESTRESSED		243	295	459	591	724	857	990	N.R.	357	
		243	352	582	852	1156	1491	1742			
15'-4" (184") PRESTRESSED		228	278	430	553	677	801	925	N.R.	327	
		228	329	542	791	1072	1381	1676			
17'-4" (208") PRESTRESSED		188	236	361	464	567	670	774	N.R.	255	
		188	276	449	649	874	1121	1389			
19'-4" (232") PRESTRESSED		165	207	313	401	490	578	667	N.R.	204	
		165	239	383	550	736	940	1160			
21'-4" (256") PRESTRESSED		145	186	278	356	433	512	590	N.R.	172	
		142	212	336	477	635	807	993			
22'-0" (264") PRESTRESSED		140	180	268	343	418	493	568	N.R.	161	
		137	205	322	457	607	771	947			
24'-0" (288") PRESTRESSED		127	165	244	312	380	447	515	N.R.	135	
		124	166	290	408	538	680	833			

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



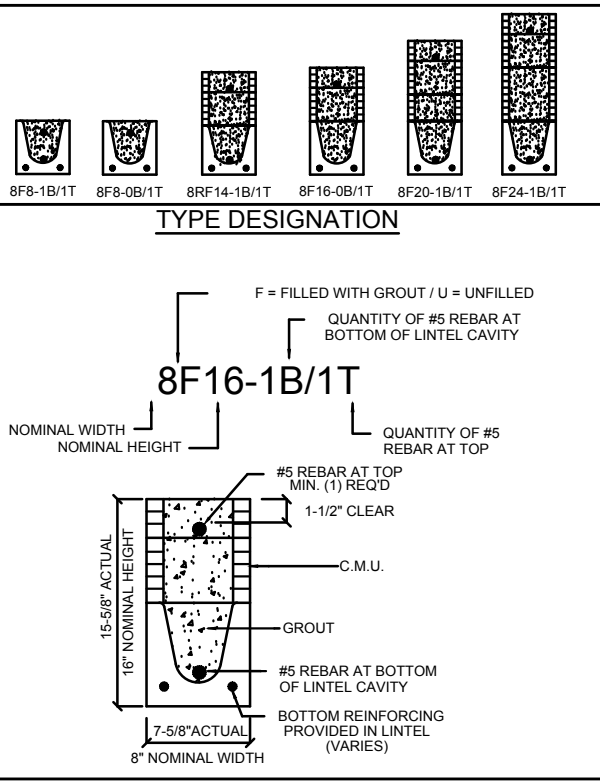
- MATERIALS**
1. Fc precast lintels = 3500 psi.
 2. Fc prestressed lintels = 6000 psi.
 3. Fc grout = 3000 psi w/ maximum 3/8" aggregate.
 4. Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 190

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS											
8" PRECAST & PRESTRESSED U-LINTELS											
GRAVITY											
LENGTH	TYPE	8U8	8F8-0B 8F8-1B	8F12-0B 8F12-1B	8F16-0B 8F16-1B	8F20-0B 8F20-1B	8F24-0B 8F24-1B	8F28-0B 8F28-1B	8F32-0B 8F32-1B		
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936		
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947		
4'-0" (48")	PRECAST	2029	3166	4473	6039	7526	9004	10472	11936		
4'-6" (54")	PRECAST	1651	2325	2496	3467	4438	5410	6384	7358		
5'-4" (64")	PRECAST	1184	2646	4473	6039	7526	9004	10472	11936		
5'-10" (70")	PRECAST	972	1787	1913	2657	3403	4149	4895	5644		
6'-6" (78")	PRECAST	937	2170	4027	6039	7526	9004	10472	9668		
7'-6" (90")	PRECAST	767	1223	1304	1896	2317	2826	3336	3846		
8'-0" (96")	PRECAST	670	1665	2889	5057	8096	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	1029	1675	2385	1994	2439	2886	3333		
12'-0" (144")	PRECAST	414	830	1362	1927	1602	1961	2320	2680		
13'-4" (160")	PRECAST	362	899	1445	2214	3192	4533	6513	4087		
14'-0" (168")	PRECAST	338	767	1257	1779	1479	1810	2142	2474		
14'-8" (176")	PRESTRESSED	N.R.	829	1332	2044	2946	4184	6012	3773		
15'-4" (184")	PRESTRESSED	N.R.	632	1049	1469	1210	1482	1754	2027		
17'-4" (208")	PRESTRESSED	N.R.	768	1212	1818	2544	3469	4030	3127		
19'-4" (232")	PRESTRESSED	N.R.	482	802	1125	915	1122	1328	1535		
21'-4" (256")	PRESTRESSED	N.R.	658	1025	1514	2081	2774	3130	2404		
22'-0" (264")	PRESTRESSED	N.R.	598	935	1365	1854	2355	1793	2075		
24'-0" (288")	PRESTRESSED	N.R.	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 8RF6-1B	8RF10-0B 8RF10-1B	8RF14-0B 8RF14-1B	8RF18-0B 8RF18-1B	8RF22-0B 8RF22-1B	8RF26-0B 8RF26-1B	8RF30-0B 8RF30-1B		
4'-4"(52")	PRECAST	1489	1591	3053	2982	3954	4929	5904	6880		
4'-6"(54")	PRECAST	1357	1827	3412	4982	6472	7947	9416	10878		
5'-8"(68")	PRECAST	785	1449	2782	2714	3600	4487	5375	6264		
5'-10"(70")	PRECAST	735	1702	3412	4982	6472	7947	9416	10878		
6'-8"(80")	PRECAST	822	832	1602	1550	2058	2566	3075	3585		
7'-6"(90")	PRECAST	665	1153	2162	4074	6472	6516	5814	6839		
9'-8"(116")	PRECAST	371	779	1500	1449	1924	2400	2876	3352		
			1103	2051	3811	6472	6516	5450	6411		
			907	1677	2933	2576	3223	3872	4522		
			907	1677	2933	4100	6730	8177	6707		
			761	1377	2252	1958	2451	2944	3439		
			764	1377	2329	3609	5492	6624	5132		
			420	834	1253	1071	1342	1614	1886		
			535	928	1497	2179	2618	3595	2875		

8" PRECAST & PRESTRESSED U-LINTELS											
UPLIFT										LATERAL	
LENGTH	TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	8F16-1T 8F16-2T	8F20-1T 8F20-2T	8F24-1T 8F24-2T	8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8	
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021	
3'-6" (42")	PRECAST	2165	2727	2784	3981	5190	6407	7630	1257	1257	
4'-0" (48")	PRECAST	1878	2165	2289	3260	4237	5219	6204	938	938	
4'-6" (54")	PRECAST	1680	1878	1989	2832	3680	4532	5387	727	727	
5'-4" (64")	PRECAST	1393	1680	1782	2507	3257	4010	4767	605	605	
5'-10" (70")	PRECAST	1272	1393	1484	2210	2741	3375	4010	418	418	
6'-6" (78")	PRECAST	1141	1272	1315	1875	2441	3010	3583	707	887	
7'-6" (90")	PRECAST	959	1141	1182	1684	2192	2703	3216	591	657	
9'-4" (112")	PRECAST	801	959	912	1475	1914	2354	2797	454	630	
10'-6" (126")	PRECAST	716	801	755	1192	1550	1910	2271	396	493	
11'-4" (136")	PRECAST	666	716	498	793	1027	1261	1496	363	556	
12'-0" (144")	PRECAST	607	666	439	696	899	1104	1309	340	494	
13'-4" (160")	PRECAST	573	607	486	818	1209	1514	1799	302	398	
14'-0" (168")	PRECAST	548	573	458	736	1065	1367	1637	286	360	
14'-8" (176")	PRESTRESSED	243	548	295	459	591	724	857	N.R.	357	
15'-4" (184")	PRESTRESSED	228	548	352	582	852	1156	1491	N.R.	327	
17'-4" (208")	PRESTRESSED	188	548	278	430	553	677	801	N.R.	255	
19'-4" (232")	PRESTRESSED	165	548	239	361	464	567	670	N.R.	204	
21'-4" (256")	PRESTRESSED	145	548	207	313	401	490	578	N.R.	172	
22'-0" (264")	PRESTRESSED	142	548	186	278	356	433	512	N.R.	161	
24'-0" (288")	PRESTRESSED	127	548	165	244	312	380	447	N.R.	135	

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



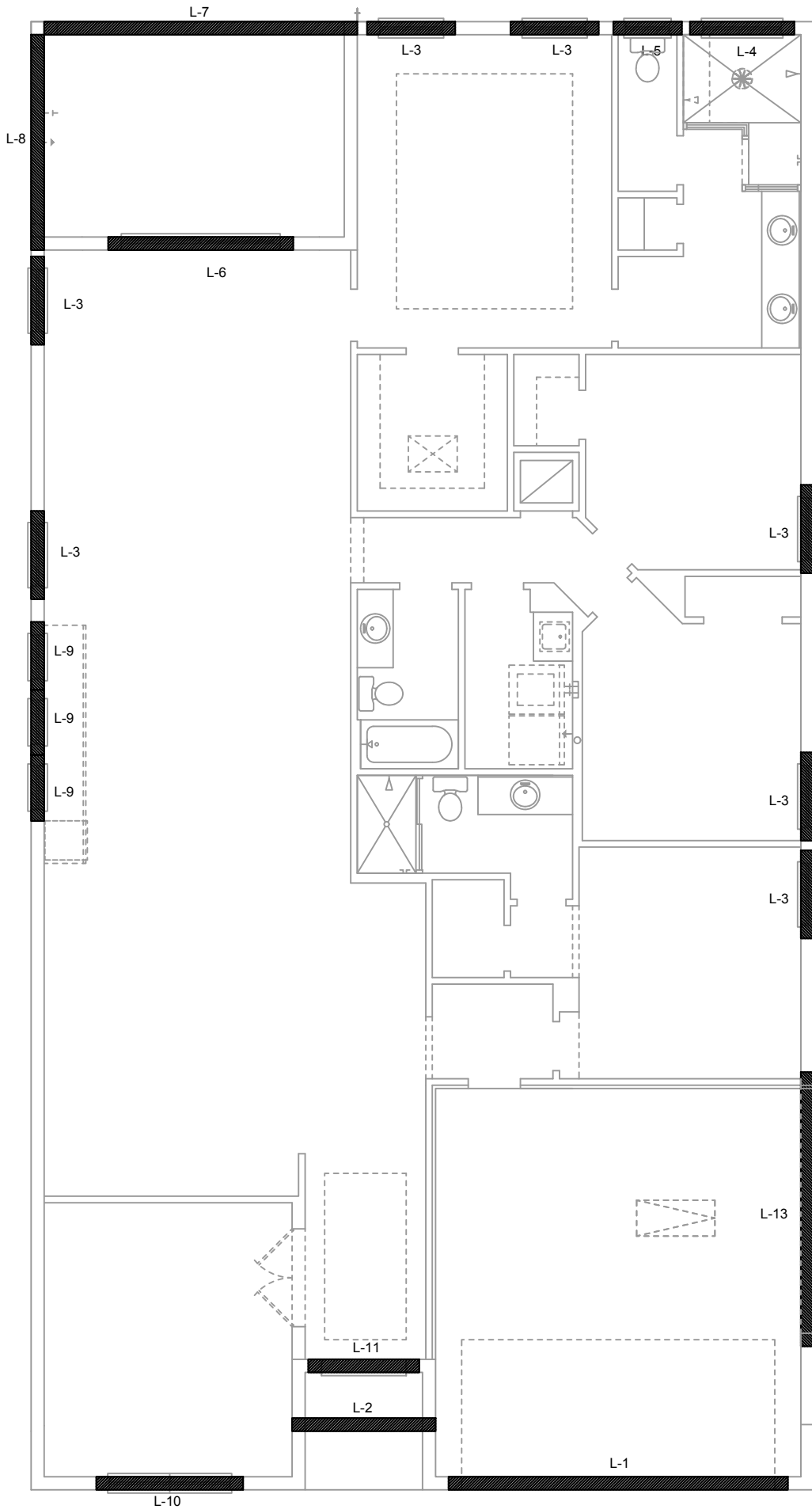
- MATERIALS**
1. Fc precast lintels = 3500 psi.
 2. Fc prestressed lintels = 6000 psi.
 3. Fc grout = 3000 psi w/ maximum 3/8" aggregate.
 4. Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
 5. Rebar provided in precast lintel per ASTM A615 GR60. Field rebar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

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

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

8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
UPLIFT										LATERAL	
LENGTH	TYPE	8RF6-1T 8RF6-2T	8RF10-1T 8RF10-2T	8RF14-1T 8RF14-2T	8RF18-1T 8RF18-2T	8RF22-1T 8RF22-2T	8RF26-1T 8RF26-2T	8RF30-1T 8RF30-2T	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'-6" (68")	PRECAST	924	1192	1455	2240	3036	3837	4643	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	688	778	956	1468	1987	2509	3035	710	941	
9'-8" (116")	PRECAST	533	688	849	1302	1762	2225	2690	516	614	

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



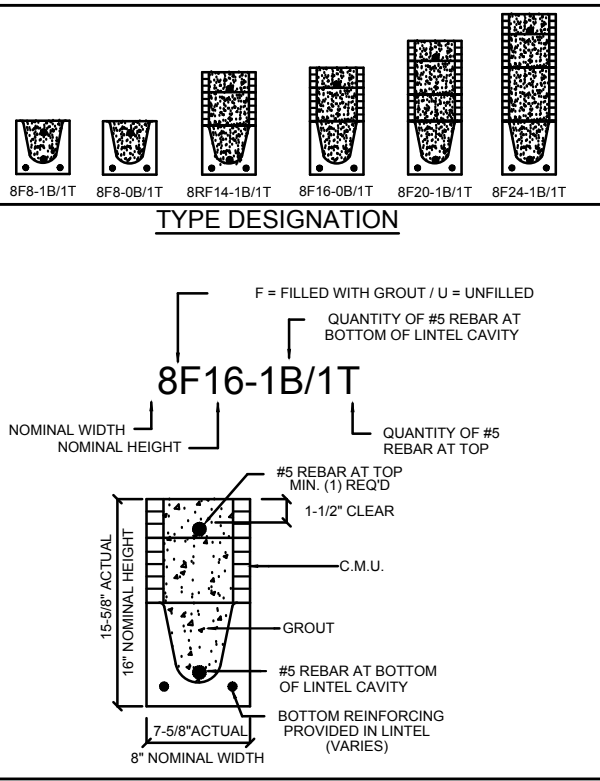
CAST CRETE / LOTTS / WEKIWA / FLORIDA ROCK - PRECAST LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	17'-4"	8F32-1B/1T	GARAGE
L-2	7'-6"	8F12-1B/1T	FOYER
L-3	4'-6"	8F16-1B/1T	3050 S.H.
L-4	5'-4"	8F16-1B/1T	4020 F.G.
L-5	3'-6"	8F16-1B/1T	2020 F.G.
L-6	9'-4"	8F16-1B/1T	8'-0"X8'-0" SGD</

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS											
8" PRECAST & PRESTRESSED U-LINTELS											
GRAVITY											
LENGTH	TYPE	8U8	8F8-0B 8F8-1B	8F12-0B 8F12-1B	8F16-0B 8F16-1B	8F20-0B 8F20-1B	8F24-0B 8F24-1B	8F28-0B 8F28-1B	8F32-0B 8F32-1B		
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936		
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947		
4'-0" (48")	PRECAST	2029	3166	4473	6039	7526	9004	10472	11936		
4'-6" (54")	PRECAST	1651	2325	2496	3467	4438	5410	6384	7358		
5'-4" (64")	PRECAST	1184	2646	4473	6039	7526	9004	10472	11936		
5'-10" (70")	PRECAST	972	1787	1913	2657	3403	4149	4895	5644		
6'-6" (78")	PRECAST	937	2170	4027	6039	7526	9004	10472	9668		
7'-6" (90")	PRECAST	767	1223	1304	1896	2317	2826	3336	3846		
8'-0" (96")	PRECAST	670	1665	2889	5057	8096	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	1029	1675	2385	1994	2439	2886	3333		
12'-0" (144")	PRECAST	414	830	1362	1927	1602	1961	2320	2680		
13'-4" (160")	PRECAST	362	899	1445	2214	3192	4533	6513	4087		
14'-0" (168")	PRECAST	338	767	1257	1779	1479	1810	2142	2474		
14'-8" (176")	PRESTRESSED	N.R.	829	1332	2044	2946	4184	6012	3773		
15'-4" (184")	PRESTRESSED	N.R.	632	1049	1469	1210	1482	1754	2027		
17'-4" (208")	PRESTRESSED	N.R.	768	1212	1818	2544	3469	4030	3127		
19'-4" (232")	PRESTRESSED	N.R.	482	802	1125	915	1122	1328	1535		
21'-4" (256")	PRESTRESSED	N.R.	658	1025	1514	2081	2774	3130	2404		
22'-0" (264")	PRESTRESSED	N.R.	598	935	1365	1854	2355	1793	2075		
24'-0" (288")	PRESTRESSED	N.R.	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 8RF6-1B	8RF10-0B 8RF10-1B	8RF14-0B 8RF14-1B	8RF18-0B 8RF18-1B	8RF22-0B 8RF22-1B	8RF26-0B 8RF26-1B	8RF30-0B 8RF30-1B		
4'-4"(52")	PRECAST	1489	1591	3053	2982	3954	4929	5904	6880		
4'-6"(54")	PRECAST	1357	1827	3412	4982	6472	7947	9416	10878		
5'-8"(68")	PRECAST	785	1449	2782	2714	3600	4487	5375	6264		
5'-10"(70")	PRECAST	735	1702	3412	4982	6472	7947	9416	10878		
6'-8"(80")	PRECAST	822	832	1602	1550	2058	2566	3075	3585		
7'-6"(90")	PRECAST	665	1153	2162	4074	6472	6516	5814	6839		
9'-8"(116")	PRECAST	371	779	1500	1449	1924	2400	2876	3352		
			1103	2051	3811	6472	6516	5450	6411		
			907	1677	2933	2576	3223	3872	4522		
			907	1677	2933	4100	6730	8177	6707		
			761	1377	2252	1958	2451	2944	3439		
			764	1377	2329	3609	5492	6624	5132		
			420	834	1253	1071	1342	1614	1886		
			535	928	1497	2179	2618	3595	2875		

8" PRECAST & PRESTRESSED U-LINTELS											
UPLIFT										LATERAL	
LENGTH	TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	8F16-1T 8F16-2T	8F20-1T 8F20-2T	8F24-1T 8F24-2T	8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8	
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021	
3'-6" (42")	PRECAST	2165	2727	2784	3981	5190	6407	7630	1257	1257	
4'-0" (48")	PRECAST	1878	2165	2289	3260	4237	5219	6204	938	938	
4'-6" (54")	PRECAST	1680	1878	1989	2832	3680	4532	5387	727	727	
5'-4" (64")	PRECAST	1393	1680	1782	2507	3257	4010	4767	605	605	
5'-10" (70")	PRECAST	1272	1393	1484	2310	2741	3375	4010	488	488	
6'-6" (78")	PRECAST	1141	1272	1357	2050	2670	3293	3920	591	591	
7'-6" (90")	PRECAST	959	1141	1182	1684	2192	2703	3216	454	454	
9'-4" (112")	PRECAST	801	959	912	1475	1914	2354	2797	630	630	
10'-6" (126")	PRECAST	716	801	755	1192	1550	1910	2271	493	493	
11'-4" (136")	PRECAST	666	716	498	793	1027	1261	1496	396	396	
12'-0" (144")	PRECAST	607	666	439	696	899	1104	1309	363	363	
13'-4" (160")	PRECAST	500	607	535	905	1295	1595	1896	255	255	
14'-0" (168")	PRECAST	548	500	400	631	816	1001	1186	340	340	
14'-8" (176")	PRESTRESSED	243	548	352	582	852	1156	1491	N.R.	N.R.	
15'-4" (184")	PRESTRESSED	228	278	329	430	553	677	801	N.R.	N.R.	
17'-4" (208")	PRESTRESSED	188	228	236	361	464	567	670	N.R.	N.R.	
19'-4" (232")	PRESTRESSED	165	188	276	449	649	874	1121	N.R.	N.R.	
21'-4" (256")	PRESTRESSED	145	165	239	383	550	736	940	N.R.	N.R.	
22'-0" (264")	PRESTRESSED	140	145	186	278	356	433	512	N.R.	N.R.	
24'-0" (288")	PRESTRESSED	137	140	180	268	343	418	493	N.R.	N.R.	
		127	137	165	244	312	380	447	N.R.	N.R.	
		124	127	166	290	408	538	680	N.R.	N.R.	

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



MATERIALS

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

GENERAL NOTES

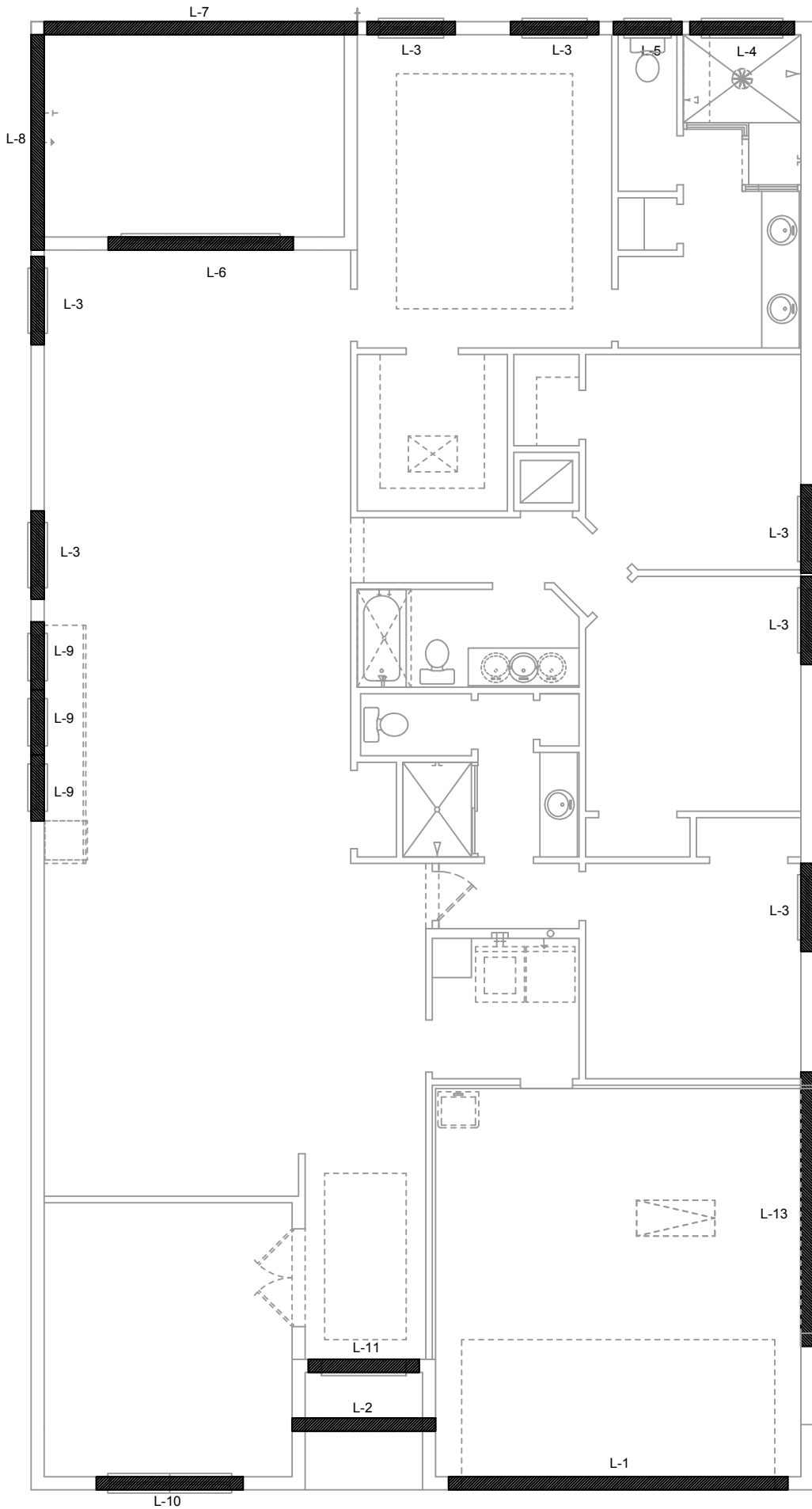
1. Provide full mortar head and bed joints.
2. Shore filled lintels as required.
3. Installation of lintel must comply with the architectural and/or structural drawings.
4. Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
5. All lintels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

SAFE LOAD TABLE NOTES

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

8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
UPLIFT										LATERAL	
LENGTH	TYPE	8RF6-1T 8RF6-2T	8RF10-1T 8RF10-2T	8RF14-1T 8RF14-2T	8RF18-1T 8RF18-2T	8RF22-1T 8RF22-2T	8RF26-1T 8RF26-2T	8RF30-1T 8RF30-2T	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'-6" (68")	PRECAST	924	1192	1455	2240	3036	3837	4643	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	688	778	956	1468	1987	2509	3035	710	941	
9'-8" (116")	PRECAST	533	688	849	1302	1762	2225	2690	516	614	
		533	527	1009	1369	1728	2088	2450			

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

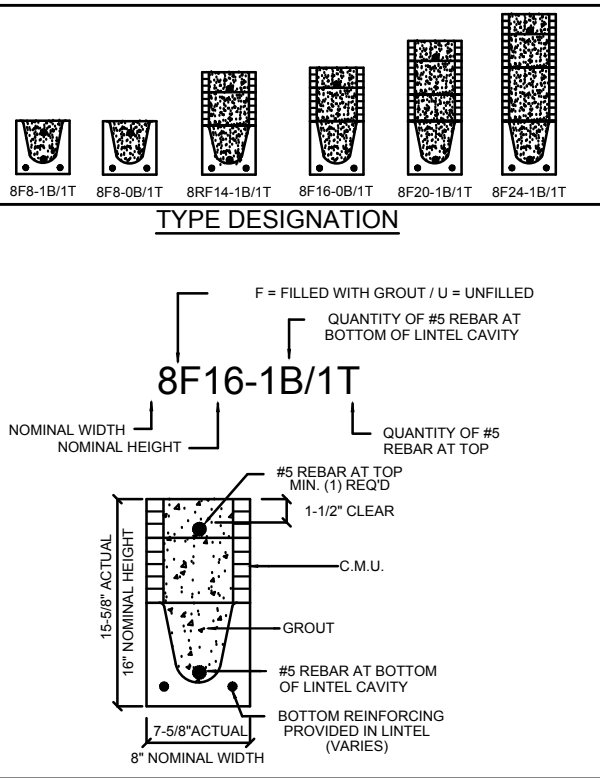


SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS											
8" PRECAST & PRESTRESSED U-LINTELS											
GRAVITY											
LENGTH	TYPE	8U8	8F8-0B 8F8-1B	8F12-0B 8F12-1B	8F16-0B 8F16-1B	8F20-0B 8F20-1B	8F24-0B 8F24-1B	8F28-0B 8F28-1B	8F32-0B 8F32-1B		
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936		
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947		
4'-0" (48")	PRECAST	2029	3166	4473	6039	7526	9004	10472	11936		
4'-6" (54")	PRECAST	1651	2325	2496	3467	4438	5410	6384	7358		
5'-4" (64")	PRECAST	1184	2646	4473	6039	7526	9004	10472	11936		
5'-10" (70")	PRECAST	972	1787	1913	2657	3403	4149	4895	5644		
6'-6" (78")	PRECAST	937	2170	4027	6039	7526	9004	10472	9668		
7'-6" (90")	PRECAST	767	1223	1304	1896	2317	2826	3336	3846		
8'-0" (96")	PRECAST	670	1665	2889	5057	8096	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	830	1362	1927	1602	1961	2320	2680		
14'-0" (168")	PRECAST	338	899	1445	2214	3192	4533	6513	4087		
14'-8" (176")	PRESTRESSED	N.R.	767	1257	1779	1479	1810	2142	2474		
15'-4" (184")	PRESTRESSED	N.R.	829	1332	2044	2946	4184	6012	3773		
17'-4" (208")	PRESTRESSED	N.R.	632	1049	1469	1210	1482	1754	2027		
19'-4" (232")	PRESTRESSED	N.R.	768	1212	1818	2544	3469	4030	3127		
21'-4" (256")	PRESTRESSED	N.R.	482	802	1125	915	1122	1328	1535		
22'-0" (264")	PRESTRESSED	N.R.	658	1025	1514	2081	2774	3130	2404		
24'-0" (288")	PRESTRESSED	N.R.	598	935	1365	1854	2355	1793	2075		
			598	935	1365	1854	2441	3155	4044		
			545	864	1254	1689	2074	1570	1818		
			555	864	1254	1693	2211	2832	3590		
			427	726	1028	1331	1635	1224	1418		
			485	748	1076	1438	1855	2343	2920		
			381	648	919	1190	1462	1087	1260		
			455	700	1003	1335	1714	2153	2666		
			NR	NR	NR	NR	NR	NR	NR		
			465	765	1370	2045	2610	3185	3765		
			NR	NR	NR	NR	NR	NR	NR		
			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		
			130	240	470	720	1030	1350	1610		

8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
GRAVITY											
LENGTH	TYPE	8RU6	8RF6-0B 8RF6-1B	8RF10-0B 8RF10-1B	8RF14-0B 8RF14-1B	8RF18-0B 8RF18-1B	8RF22-0B 8RF22-1B	8RF26-0B 8RF26-1B	8RF30-0B 8RF30-1B		
4'-4"(52")	PRECAST	1489	1591	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"(104")	PRECAST	371	779	1500	1449	1924	2400	2876	3352		
9'-8"(116")	PRECAST	371	1103	2051	3811	6472	6516	5450	6411		
			907	1677	2933	2576	3223	3872	4522		
			907	1677	2933	4100	6730	8177	6707		
			761	1377	2252	1958	2451	2944	3439		
			764	1377	2329	3609	5492	6624	5132		
			420	834	1253	1071	1342	1614	1886		
			535	928	1497	2179	2618	3595	2875		

8" PRECAST & PRESTRESSED U-LINTELS											
UPLIFT											
LENGTH	TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	8F16-1T 8F16-2T	8F20-1T 8F20-2T	8F24-1T 8F24-2T	8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8	
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021	
3'-6" (42")	PRECAST	2165	2727	2784	3981	5190	6407	7630	1257	1257	
4'-0" (48")	PRECAST	1878	2165	2289	3260	4237	5219	6204	938	938	
4'-6" (54")	PRECAST	1680	1878	1925	2750	3583	4422	5264	727	727	
5'-4" (64")	PRECAST	1393	1680	1705	2435	3171	3913	4658	505	505	
5'-10" (70")	PRECAST	1272	1393	1437	2050	2670	3293	3920			
6'-6" (78")	PRECAST	1141	1272	1357	1930	2505	3084	3665	418	418	
7'-6" (90")	PRECAST	959	1141	1182	1684	2192	2703	3216	707	887	
9'-4" (112")	PRECAST	801	959	912	1475	1914	2354	2797	591	657	
10'-6" (126")	PRECAST	716	801	755	1192	1550	1910	2271	454	630	
11'-4" (136")	PRECAST	666	716	498	793	1027	1261	1496	396	493	
12'-0" (144")	PRECAST	607	666	439	696	899	1104	1309	363	556	
13'-4" (160")	PRECAST	500	607	486	631	816	1001	1186	340	494	
14'-0" (168")	PRECAST	458	500	340	532	686	841	997	302	398	
14'-8" (176")	PRESTRESSED	243	458	295	459	591	724	857	286	360	
15'-4" (184")	PRESTRESSED	228	243	352	582	852	1156	1491	N.R.	357	
17'-4" (208")	PRESTRESSED	188	228	278	430	553	677	801	N.R.	325	
19'-4" (232")	PRESTRESSED	165	188	236	361	464	567	670	N.R.	257	
21'-4" (256")	PRESTRESSED	145	165	239	383	550	736	940	N.R.	204	
22'-0" (264")	PRESTRESSED	142	145	180	268	343	418	493	N.R.	172	
24'-0" (288")	PRESTRESSED	137	142	185	244	312	380	447	N.R.	161	
		124	137	186	290	408	538	680	N.R.	135	

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

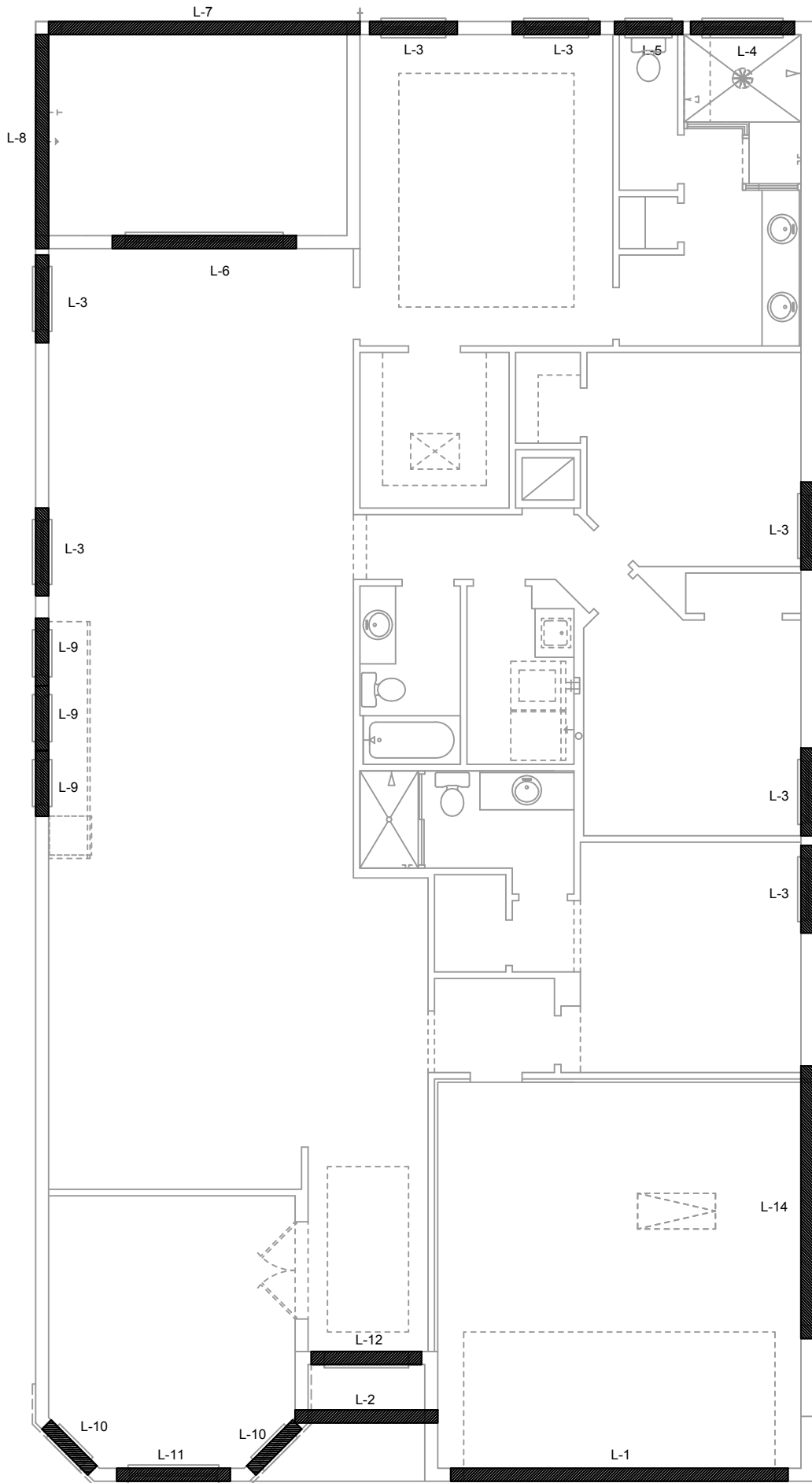


- MATERIALS**
1. Fc precast lintels = 3500 psi.
 2. Fc prestressed lintels = 6000 psi.
 3. Fc grout = 3000 psi w/ maximum 3/8" aggregate.
 4. Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
 5. Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
 6. Prestressing strand per ASTM A416 grade 270 low relaxation.
 7. 7/32 wire per ASTM A510.
 8. Mortar per ASTM C270 type M or S.
- GENERAL NOTES**
1. Provide full mortar head and bed joints.
 2. Shore filled lintels as required.
 3. Installation of lintel must comply with the architectural and/or structural drawings.
 4. Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
 5. All lintels meet or exceed L/360 vertical deflection, except lintels 17'-4" and longer with a nominal height of 8" meet or exceed L/180.
 6. Bottom field added rebar to be located at the bottom of the lintel cavity.
 7. 7/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
 8. Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
 9. Safe load ratings based on rational design analysis per ACI 318 and ACI 530

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

8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
UPLIFT											
LENGTH	TYPE	8RF6-1T 8RF6-2T	8RF10-1T 8RF10-2T	8RF14-1T 8RF14-2T	8RF18-1T 8RF18-2T	8RF22-1T 8RF22-2T	8RF26-1T 8RF26-2T	8RF30-1T 8RF30-2T	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'-6" (68")	PRECAST	924	1132	1741	2357	2978	3603	4230	501	501	
5'-10" (70")	PRECAST	896	1138	1742	2352	2965	3581	4198	469	469	
6'-8" (80")	PRECAST	778	956	1468	1987	2509	3035	3563	830	1100	
7'-6" (90")	PRECAST	688	849	1302	1762	2225	2690	3157	710	941	
9'-8" (116")	PRECAST	533	633	808	1123	1413	1704	1995	516	614	
		533	527	1009	1369	1728	2088	2450			

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



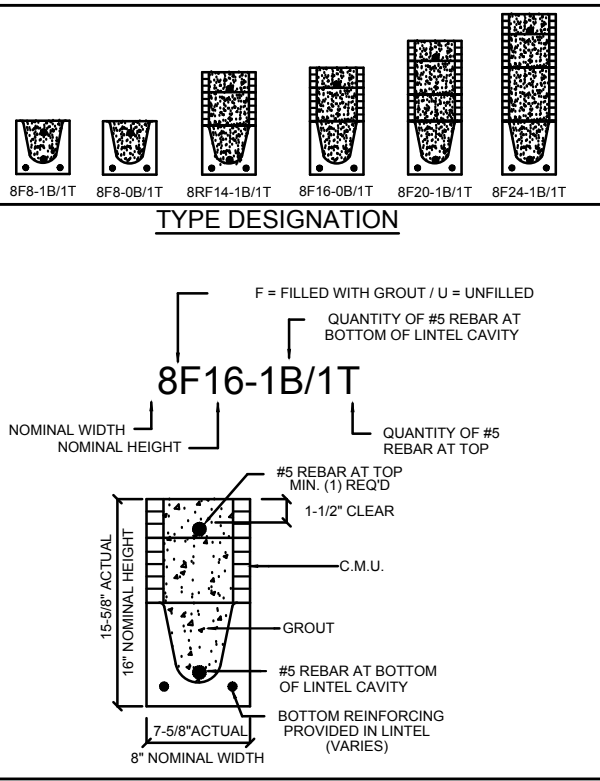
CAST CRETE / LOTTS / WEKIWA / FLORIDA ROCK - PRECAST LINTEL SCHEDULE		
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SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS											
8" PRECAST & PRESTRESSED U-LINTELS											
GRAVITY											
LENGTH	TYPE	8U8	8F8-0B 8F8-1B	8F12-0B 8F12-1B	8F16-0B 8F16-1B	8F20-0B 8F20-1B	8F24-0B 8F24-1B	8F28-0B 8F28-1B	8F32-0B 8F32-1B		
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936		
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947		
4'-0" (48")	PRECAST	2029	3166	4473	6039	7526	9004	10472	11936		
4'-6" (54")	PRECAST	1651	2325	2496	3467	4438	5410	6384	7358		
5'-4" (64")	PRECAST	1184	2646	4473	6039	7526	9004	10472	11936		
5'-10" (70")	PRECAST	972	1787	1913	2657	3403	4149	4895	5644		
6'-6" (78")	PRECAST	937	2170	4027	6039	7526	9004	10472	9668		
7'-6" (90")	PRECAST	767	1223	1304	1896	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	830	1362	1927	1602	1961	2320	2680		
14'-0" (168")	PRECAST	338	899	1445	2214	3192	4533	6513	4087		
14'-8" (176")	PRESTRESSED	N.R.	767	1257	1779	1479	1810	2142	2474		
15'-4" (184")	PRESTRESSED	N.R.	829	1332	2044	2946	4184	6012	3773		
17'-4" (208")	PRESTRESSED	N.R.	632	1049	1469	1210	1482	1754	2027		
19'-4" (232")	PRESTRESSED	N.R.	768	1212	1818	2544	3469	4030	3127		
21'-4" (256")	PRESTRESSED	N.R.	482	802	1125	915	1122	1328	1535		
22'-0" (264")	PRESTRESSED	N.R.	658	1025	1514	2081	2774	3130	2404		
24'-0" (288")	PRESTRESSED	N.R.	598	935	1365	1854	2355	1793	2075		
			598	935	1365	1854	2441	3155	4044		
			545	864	1254	1689	2074	1570	1818		
			555	864	1254	1693	2211	2832	3590		
			427	726	1028	1331	1635	1224	1418		
			485	748	1076	1438	1855	2343	2920		
			381	648	919	1190	1462	1087	1260		
			455	700	1003	1335	1714	2153	2666		
			NR	NR	NR	NR	NR	NR	NR		
			465	765	1370	2045	2610	3185	3765		
			NR	NR	NR	NR	NR	NR	NR		
			420	695	1250	1855	2370	2890	3410		
			NR	NR	NR	NR	NR	NR	NR		
			310	530	950	1400	1800	2200	2600		
			NR	NR	NR	NR	NR	NR	NR		
			240	400	750	1090	1400	1720	2030		
			NR	NR	NR	NR	NR	NR	NR		
			163	330	610	940	1340	1780	2110		
			NR	NR	NR	NR	NR	NR	NR		
			160	300	570	870	1250	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 8RF6-1B	8RF10-0B 8RF10-1B	8RF14-0B 8RF14-1B	8RF18-0B 8RF18-1B	8RF22-0B 8RF22-1B	8RF26-0B 8RF26-1B	8RF30-0B 8RF30-1B		
4'-4"(52")	PRECAST	1489	1591	3053	2982	3954	4929	5904	6880		
4'-6"(54")	PRECAST	1357	1827	3412	4982	6472	7947	9416	10878		
5'-8"(68")	PRECAST	785	1449	2782	2714	3600	4487	5375	6264		
5'-10"(70")	PRECAST	735	1702	3412	4982	6472	7947	9416	10878		
6'-8"(80")	PRECAST	822	832	1602	1550	2058	2566	3075	3585		
7'-6"(90")	PRECAST	665	1153	2162	4074	6472	6516	5814	6839		
9'-8"(116")	PRECAST	371	779	1500	1449	1924	2400	2876	3352		
			1103	2051	3811	6472	6516	5450	6411		
			907	1677	2933	2576	3223	3872	4522		
			907	1677	2933	4100	6730	8177	6707		
			761	1377	2252	1958	2451	2944	3439		
			764	1377	2329	3609	5492	6624	5132		
			420	834	1253	1071	1342	1614	1886		
			535	928	1497	2179	2618	3595	2875		

8" PRECAST & PRESTRESSED U-LINTELS											
UPLIFT										LATERAL	
LENGTH	TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	8F16-1T 8F16-2T	8F20-1T 8F20-2T	8F24-1T 8F24-2T	8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8	
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021	
3'-6" (42")	PRECAST	2165	2727	2784	3981	5190	6407	7630	1257	1257	
4'-0" (48")	PRECAST	1878	2165	2289	3260	4237	5219	6204	938	938	
4'-6" (54")	PRECAST	1680	1878	1989	2832	3680	4532	5387	727	727	
5'-4" (64")	PRECAST	1393	1680	1782	2507	3257	4010	4767	605	605	
5'-10" (70")	PRECAST	1272	1393	1484	2310	2741	3375	4010	488	488	
6'-6" (78")	PRECAST	1141	1272	1357	1930	2505	3084	3665	418	418	
7'-6" (90")	PRECAST	959	1141	1182	1684	2192	2703	3216	707	887	
9'-4" (112")	PRECAST	801	959	912	1475	1914	2354	2797	591	657	
10'-6" (126")	PRECAST	716	801	755	1192	1550	1910	2271	454	630	
11'-4" (136")	PRECAST	666	716	498	793	1027	1261	1496	396	493	
12'-0" (144")	PRECAST	607	666	439	696	899	1104	1309	363	556	
13'-4" (160")	PRECAST	573	607	535	905	1295	1595	1896	340	494	
14'-0" (168")	PRECAST	548	573	400	631	816	1001	1186	286	360	
14'-8" (176")	PRESTRESSED	243	548	295	459	591	724	857	N.R.	357	
15'-4" (184")	PRESTRESSED	228	548	352	582	852	1156	1491	N.R.	325	
17'-4" (208")	PRESTRESSED	188	228	278	430	553	677	801	N.R.	257	
19'-4" (232")	PRESTRESSED	165	188	236	361	464	567	670	N.R.	204	
21'-4" (256")	PRESTRESSED	145	165	239	383	550	736	940	N.R.	172	
22'-0" (264")	PRESTRESSED	140	145	180	268	343	418	493	N.R.	161	
24'-0" (288")	PRESTRESSED	127	140	205	322	457	607	771	N.R.	135	
		124	127	165	244	312	380	447	N.R.		

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



MATERIALS

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

GENERAL NOTES

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

SAFE LOAD TABLE NOTES

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

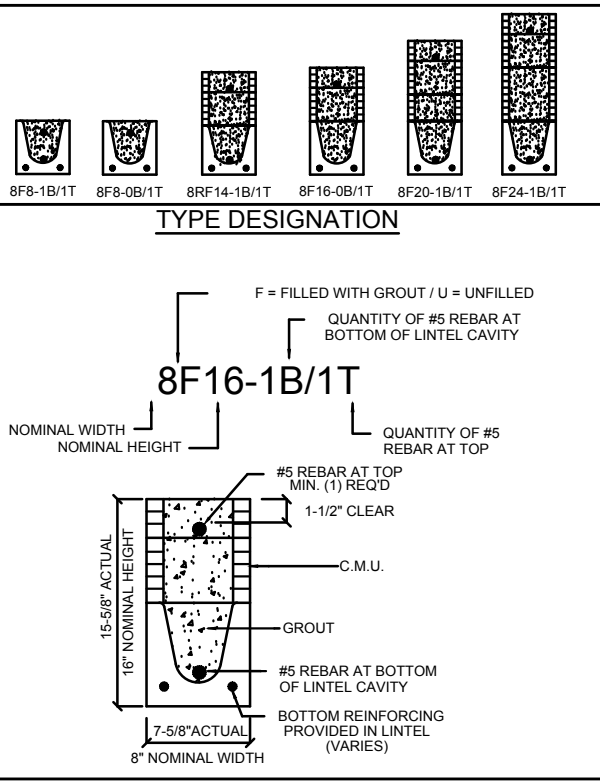
8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
UPLIFT									LATERAL		
LENGTH \ TYPE	8RF6-1T 8RF6-2T	8RF10-1T 8RF10-2T	8RF14-1T 8RF14-2T	8RF18-1T 8RF18-2T	8RF22-1T 8RF22-2T	8RF26-1T 8RF26-2T	8RF30-1T 8RF30-2T	8RU6	8RF6		
4'-4" (52") PRECAST	1244	1573	2413	3260	4112	4967	5825	932	932		
	1244	1519	2339	3170	4008	4850	5696				
4'-6" (54") PRECAST	1192	1507	2311	3121	3937	4756	5577	853	853		
	1192	1455	2240	3036	3847	4643	5453				
5'-8" (68") PRECAST	924*	1172	1795	2423	3055	3689	4325	501	501		
	924*	1132	1741	2357	2978	3603	4230				
5'-10" (70") PRECAST	896*	1138	1742	2352	2965	3581	4198	469	469		
	896	1099	1690	2288	2895	3487	4106				
6'-8" (80") PRECAST	778	982	1513	2042	2573	3107	3642	830	1100		
	778	956	1468	1987	2509	3035	3562				
7'-6" (90") PRECAST	688	897	1325	1810	2280	2753	3227	710	941		
	688	849	1302	1762	2225	2690	3157				
9'-8" (116") PRECAST	533*	833	808	1123	1413	1704	1995	516	614		
	533	527	1009	1369	1728	2088	2450				
*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR											

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS												
8" PRECAST & PRESTRESSED U-LINTELS												
GRAVITY												
LENGTH	TYPE	8U8	8F8-0B 8F8-1B	8F12-0B 8F12-1B	8F16-0B 8F16-1B	8F20-0B 8F20-1B	8F24-0B 8F24-1B	8F28-0B 8F28-1B	8F32-0B 8F32-1B			
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936			
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947			
4'-0" (48")	PRECAST	2029	3166	4473	6039	7526	9004	10472	11936			
4'-6" (54")	PRECAST	1651	2325	2496	3467	4438	5410	6384	7358			
5'-4" (64")	PRECAST	1184	2646	4473	6039	7526	9004	10472	11936			
5'-10" (70")	PRECAST	972	1787	1913	2657	3403	4149	4895	5644			
6'-6" (78")	PRECAST	937	1223	1304	1896	2317	2826	3336	3846			
7'-6" (90")	PRECAST	767	1665	2889	5057	8096	5400	6424	7450			
8'-0" (96")	PRECAST	670	1000	1059	1474	1889	2304	2721	3137			
8'-8" (104")	PRECAST	618	1459	2464	4144	5458	4437	5280	6122			
9'-4" (112")	PRECAST	573	1255	2101	3263	2746	3358	3971	4585			
10'-6" (126")	PRECAST	456	1255	2101	3396	5260	7134	8995	6890			
11'-4" (136")	PRECAST	445	1029	1675	2385	1994	2439	2886	3333			
12'-0" (144")	PRECAST	414	830	1362	1927	1602	1961	2320	2680			
13'-4" (160")	PRECAST	362	899	1445	2214	3192	4533	6513	4087			
14'-0" (168")	PRECAST	338	767	1257	1779	1479	1810	2142	2474			
14'-8" (176")	PRESTRESSED	N.R.	829	1332	2044	2946	4184	6012	3773			
15'-4" (184")	PRESTRESSED	N.R.	632	1049	1469	1210	1482	1754	2027			
17'-4" (208")	PRESTRESSED	N.R.	768	1212	1818	2544	3469	4030	3127			
19'-4" (232")	PRESTRESSED	N.R.	482	802	1125	915	1122	1328	1535			
21'-4" (256")	PRESTRESSED	N.R.	658	1025	1514	2081	2774	3130	2404			
22'-0" (264")	PRESTRESSED	N.R.	598	935	1365	1854	2355	1793	2075			
24'-0" (288")	PRESTRESSED	N.R.	598	935	1365	1854	2441	3155	4044			
			545	864	1254	1689	2074	1570	1818			
			555	864	1254	1693	2211	2832	3590			
			427	726	1028	1331	1635	1224	1418			
			485	748	1076	1438	1855	2343	2920			
			381	648	919	1190	1462	1087	1260			
			455	700	1003	1335	1714	2153	2666			
			NR	NR	NR	NR	NR	NR	NR			
			465	765	1370	2045	2610	3185	3765			
			NR	NR	NR	NR	NR	NR	NR			
			420	695	1250	1855	2370	2890	3410			
			NR	NR	NR	NR	NR	NR	NR			
			310	530	950	1400	1800	2200	2600			
			NR	NR	NR	NR	NR	NR	NR			
			240	400	750	1090	1400	1720	2030			
			NR	NR	NR	NR	NR	NR	NR			
			163	330	610	940	1340	1780	2110			
			NR	NR	NR	NR	NR	NR	NR			
			160	300	570	870	1250	1660	1970			
			NR	NR	NR	NR	NR	NR	NR			
			130	240	470	720	1030	1350	1610			

8" PRECAST W/ 2" RECESS DOOR U-LINTELS												
GRAVITY												
LENGTH	TYPE	8RU6	8RF6-0B 8RF6-1B	8RF10-0B 8RF10-1B	8RF14-0B 8RF14-1B	8RF18-0B 8RF18-1B	8RF22-0B 8RF22-1B	8RF26-0B 8RF26-1B	8RF30-0B 8RF30-1B			
4'-4"(52")	PRECAST	1489	1591	3053	2982	3954	4929	5904	6880			
4'-6"(54")	PRECAST	1357	1827	3412	4982	6472	7947	9416	10878			
5'-8"(68")	PRECAST	785	1449	2782	2714	3600	4487	5375	6264			
5'-10"(70")	PRECAST	735	1702	3412	4982	6472	7947	9416	10878			
6'-8"(80")	PRECAST	822	832	1602	1550	2058	2566	3075	3585			
7'-6"(90")	PRECAST	665	1153	2162	4074	6472	6516	5814	6839			
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	1614	1886			
			535	928	1497	2179	2618	3595	2875			

8" PRECAST & PRESTRESSED U-LINTELS												
UPLIFT												
LENGTH	TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	8F16-1T 8F16-2T	8F20-1T 8F20-2T	8F24-1T 8F24-2T	8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8		
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021		
3'-6" (42")	PRECAST	2165	2289	3260	4237	5219	6204	7192	1257	1257		
4'-0" (48")	PRECAST	1878	1989	2832	3680	4532	5387	6245	938	938		
4'-6" (54")	PRECAST	1680	1782	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	1315	1875	2441	3010	3583	4157	418	418		
6'-6" (78")	PRECAST	1141	1182	1684	2192	2703	3216	3732	707	887		
7'-6" (90")	PRECAST	959	912	1475	1914	2354	2797	3240	591	657		
9'-4" (112")	PRECAST	801	801	1029	1466	1907	2351	2797	3245			
10'-6" (126")	PRECAST	716	716	988	1393	1839	2271	2634	454	630		
11'-4" (136")	PRECAST	666	666	939	1295	1595	1896	2198	363	556		
12'-0" (144")	PRECAST	607	607	831	1129	1429	1729	2029	340	494		
13'-4" (160")	PRECAST	573	573	781	1071	1371	1671	1971	302	398		
14'-0" (168")	PRECAST	548	548	756	1023	1323	1623	1923	286	360		
14'-8" (176")	PRESTRESSED	243	243	352	582	852	1156	1491	N.R.	357		
15'-4" (184")	PRESTRESSED	228	228	329	542	791	1072	1381	N.R.	325		
17'-4" (208")	PRESTRESSED	188	188	276	449	649	874	1121	N.R.	257		
19'-4" (232")	PRESTRESSED	165	165	239	383	550	736	940	N.R.	204		
21'-4" (256")	PRESTRESSED	145	145	186	278	356	433	512	N.R.	172		
22'-0" (264")	PRESTRESSED	137	137	180	268	343	418	493	N.R.	161		
24'-0" (288")	PRESTRESSED	124	124	165	244	312	380	447	N.R.	135		

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



MATERIALS

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

GENERAL NOTES

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

SAFE LOAD TABLE NOTES

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

8" PRECAST W/ 2" RECESS DOOR U-LINTELS												
UPLIFT												
LENGTH	TYPE	8RF6-1T	8RF10-1T	8RF14-1T	8RF18-1T	8RF22-1T	8RF26-1T	8RF30-1T	8RU6	8RF6	LATERAL	
		8RF6-2T	8RF10-2T	8RF14-2T	8RF18-2T	8RF22-2T	8RF26-2T	8RF30-2T				
4'-4" (52") PRECAST		1244	1573	2413	3260	4112	4967	5825	932	932		
		1244	1519	2339	3170	4008	4850	5696				
4'-6" (54") PRECAST		1192	1507	2311	3121	3937	4756	5577	853	853		
		1192	1455	2240	3036	3847	4643	5453				
5'-8" (68") PRECAST		924*	1172	1795	2423	3055	3689	4325	501	501		
		924*	1132	1741	2357	2978	3603	4230				
5'-10" (70") PRECAST		896*	1138	1742	2352	2965	3581	4198	469	469		
		896	1099	1690	2288	2895	3487	4106				
6'-8" (80") PRECAST		778	982	1513	2042	2573	3107	3642	830	1100		
		778	965	1468	1987	2509	3035	3562				
		688	897	1325	1810	2280	2753	3227	710	941		
7'-6" (90") PRECAST		688	849	1302	1762	2225	2690	3157				
		533*	833	808	1123	1413	1704	1995	516	614		
9'-8" (116") PRECAST		533	527	1009	1369	1728	2088	2450				
*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR												

8" PRECAST & PRESTRESSED U-LINTELS									
		GRAVITY							
LENGTH	TYPE	8U8	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B
			8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1B
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936
			3166	4473	6039	7526	9004	10472	11936
3'-6" (42")	PRECAST	2302	3136	3377	4689	6001	7315	8630	9944
			3166	4473	6039	7526	9004	10472	11936
4'-0" (48")	PRECAST	2029	2325	2496	3467	4438	5410	6384	7358
			2646	4473	6039	7526	9004	10472	11936
4'-6" (54")	PRECAST	1651	1787	1913	2657	3403	4149	4896	5644
			2170	4027	6039	7526	9004	10472	11936
5'-4" (64")	PRECAST	1184	1223	1301	1809	2317	2826	3336	3846
			1665	2889	5657	6036	5400	6424	7450
5'-10" (70")	PRECAST	972	1400	1059	1474	1889	2304	2721	3137
			1459	2464	4144	5458	4437	6280	8122
6'-6" (78")	PRECAST	937	1255	2101	3263	2746	3358	3971	4585
			1255	2101	3396	5260	7134	8995	8990
7'-6" (90")	PRECAST	767	1029	1675	2385	1994	2399	2886	3333
			1029	1675	2610	3839	5596	6613	5047
8'-0" (96")	PRECAST	670	830	1362	1927	1602	1961	2320	2680
			899	1445	2214	3192	4533	6513	4087
8'-8" (104")	PRECAST	618	767	1257	1779	1479	1810	2142	2474
			829	1332	2044	2946	4184	6012	3773
9'-4" (112")	PRECAST	573	632	1049	1469	1210	1482	1754	2027
			768	1212	1818	2544	3469	4030	3127
10'-6" (126")	PRECAST	456	482	802	1125	915	1122	1328	1535
			658	1025	1514	2081	2774	3130	2404
11'-4" (136")	PRECAST	445	598	935	1365	1854	2355	1793	2075
			598	935	1365	1854	2441	3155	4044
12'-0" (144")	PRECAST	414	545	864	1254	1689	2074	1570	1818
			555	864	1254	1693	2211	2832	3590
13'-4" (160")	PRECAST	362	427	726	1028	1331	1635	1224	1418
			485	748	1076	1438	1855	2343	2920
14'-0" (168")	PRECAST	338	381	648	919	1190	1462	1087	1260
			455	700	1003	1335	1714	2153	2686
14'-8" (176")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			465	765	1370	2045	2610	3185	3765
15'-4" (184")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			420	695	1250	1855	2370	2890	3410
17'-4" (208")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			310	530	950	1400	1800	2200	2600
19'-4" (232")	PRESTRESSED	N.R.	NR	NR	NR				

8" PRECAST W/ 2" RECESS DOOR U-LINTELS									
GRAVITY									
LENGTH	TYPE	SRU6	SRF6-0B SRF6-1B	SRF10-0B SRF10-1B	SRF14-0B SRF14-1B	SRF18-0B SRF18-1B	SRF22-0B SRF22-1B	SRF26-0B SRF26-1B	SRF30-0B SRF30-1B
4'-4"(52") PRECAST	1489	1591	3053	2982	3954	4929	5904	6880	
		1827	3412	4982	6472	7947	9416	10878	
4'-6"(54") PRECAST	1357	1449	2782	2714	3600	4487	5375	6264	
		1702	3412	4982	6472	7947	9416	10878	
5'-5"(68") PRECAST	785	832	1602	1550	2058	2566	3075	3585	
		1153	2162	4074	6472	6516	5814	6839	
5'-10"(70") PRECAST	735	779	1500	1449	1924	2400	2876	3352	
		1103	2051	3811	6472	6516	5450	6411	
6'-8"(80") PRECAST	822	907	1677	2933	2576	3223	3872	4522	
		907	1677	2933	4100	6730	8177	6707	
7'-6"(90") PRECAST	665	761	1377	2252	1958	2451	2944	3439	
		761	1377	2329	3609	5492	6624	5132	
9'-8"(116") PRECAST	371	420	834	1253	1071	1342	1614	1886	
		535	928	1497	2179	2618	3595	2875	

8" PRECAST & PRESTRESSED U-LINTELS										
UPLIFT									LATERAL	
LENGTH	TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	8F16-1T 8F16-2T	8F20-1T 8F20-2T	8F24-1T 8F24-2T	8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021
		2727	2784	3981	5190	6407	7630	8857		
3'-6" (42")	PRECAST	2165	2289	3260	4237	5219	6204	7192	1257	1257
		2165	2215	3165	4125	5091	6061	7036		
4'-0" (48")	PRECAST	1878	1989	2832	3680	4532	5387	6245	938	938
		1878	1925	2750	3583	4422	5264	6110		
4'-6" (54")	PRECAST	1660	1762	2507	3257	4017	4767	5525	727	727
		1660	1705	2435	3171	3913	4658	5406		
5'-4" (64")	PRECAST	1393 ¹	1484	2110	2741	3375	4010	4648	505	505
		1393	1437	2050	2670	3293	3920	4549		
5'-10" (70")	PRECAST	1272 ¹	1357	1930	2505	3084	3665	4247	418	418
		1272	1315	1875	2441	3013	3583	4157		
6'-6" (78")	PRECAST	1141 ¹	1200	1733	2250	2769	3290	3812	707	887
		1141	1182	1684	2192	2703	3216	3732		
7'-6" (90")	PRECAST	959 ¹	912	1475	1914	2354	2797	3240	591	657
		959	1029	1466	1907	2351	2797	3245		
9'-4" (112")	PRECAST	801 ¹	812	980	1269	1560	1852	2144	454	630.
		801	755	1192	1550	1921	2271	2634		
10'-6" (126")	PRECAST	716 ¹	698	793	1027	1261	1496	1731	396	493
		716	611	1039	1389	1711	2034	2358		
11'-4" (136")	PRECAST	666 ¹	439	696	899	1104	1309	1515	363	556
		666	535	905	1295	1595	1896	2198		
12'-0" (144")	PRECAST	607 ¹	400	631	816	1001	1186	1372	340	494
		631	486	818	1209	1514	1799	2086		
13'-4" (160")	PRECAST	500 ¹	340	532	686	841	997	1153	302	398
		573	409	682	1004	1367	1637	1897		
14'-0" (168")	PRECAST	458 ¹	316	493	635	778	922	1065	286	363
		548	378	629	922	1254	1567	1816		
14'-8" (176")		243	295	456	591	724	857	990	N.R.	357
	PRESTRESSED	243	352	582	852	1156	1491	1742		
15'-4" (184")		228	278	430	553	677	801	925	N.R.	327
	PRESTRESSED	228	329	542	791	1072	1381	1676		
17'-4" (208")		188	236	361	464	567	670	774	N.R.	255
	PRESTRESSED	188	276	449	649	874	1121	1389		
19'-4" (232")		165	207	313	401	490	578	667	N.R.	204
	PRESTRESSED	165	239	383	550	736	940	1160		
21'-4" (256")		145	186	278	356	433	512	590	N.R.	172
	PRESTRESSED	142	212	336	477	635	807	993		
22'-0" (264")		140	180	268	343	418	493	568	N.R.	161
	PRESTRESSED	137	205	324	457	607	771	947		
24'-0" (288")		127	165	244	312	380	447	515	N.R.	135
	PRESTRESSED	124	186	290	408	538	680	833		

Diagram illustrating the dimensions and reinforcement details for a 2' x 2' x 8" Upright Lintel with #5 Reinforcing Bars.

Dimensions:

- NOMINAL WIDTH: 8"
- NOMINAL HEIGHT: 16"
- ACTUAL HEIGHT: 15-5/8"
- ACTUAL WIDTH: 7-5/8"

Reinforcement Details:

- #5 REBAR AT TOP MIN. (1) REQ'D
- 1-1/2" CLEAR
- C.M.U.
- GROUT
- #5 REBAR AT BOTTOM OF LINTEL CAVITY
- BOTTOM REINFORCING PROVIDED IN LINTEL (VARIES)

Legend: F = FILLED WITH GROUT / U = UNFILLED

Quantity of #5 Rebar:

- QUANTITY OF #5 REBAR AT TOP
- QUANTITY OF #5 REBAR AT BOTTOM OF LINTEL CAVITY

Label: 8F16-1B/1T

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

1. Provide full mortar head and bed joints.
2. Shore filled lintels as required.
3. Installation of lintel must comply with the architectural and/or structural drawings.
4. Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
5. All lintels meet or exceed L360 vertical deflection, except lintels 17'-4" and longer with a nominal height of 8" meet or exceed L180.
6. Bottom field added rebar to be located at the bottom of the lintel cavity.
7. 7/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
8. Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
9. Safe load ratings based on rational design analysis per ACI 318 and ACI 530

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

8" PRECAST W/ 2" RECESS DOOR U-LINTELS										
		UPLIFT							LATERAL	
LENGTH	TYPE	BRF6-1T	BRF10-1T	BRF14-1T	BRF18-1T	BRF22-1T	BRF26-1T	BRF30-1T	BRU6	BRF6
4" (52") PRECAST		1244	1573	2413	3260	4112	4967	5825	932	932
		1244	1519	2339	3170	4008	4850	5696		
6" (54") PRECAST		1192	1507	2311	3121	3937	4756	5577	853	853
		1192	1455	2240	3038	3837	4643	5453		
8" (68") PRECAST		924*	1172	1795	2423	3055	3689	4325	501	501
		924	1132	1741	2357	2978	3603	4230		
10" (70") PRECAST		866*	1138	1742	2352	2965	3581	4198	469	469
		866	1099	1690	2288	2891	3497	4106		
12" (80") PRECAST		778	882	1513	2042	2573	3107	3642	830	1100
		778	856	1468	1987	2509	3035	3563		
14" (90") PRECAST		688	697	1325	1810	2280	2753	3227	710	941
		688	849	1302	1762	2225	2690	3157		
16" (116") PRECAST		533*	433	808	1123	1413	1704	1995	516	614
		533	527	1009	1369	1728	2088	2450		

The floor plan shows a building layout with the following labeled areas:

- L-1:** A large room at the bottom right, containing a large rectangular area marked with a dashed line.
- L-2:** A small room at the bottom center, containing a rectangular area marked with a dashed line.
- L-3:** Multiple rooms and corridors. One is at the top center, another is to the right of the central area, and others are along the left and right edges.
- L-4:** A room at the top right, containing a circular feature and a rectangular area marked with a dashed line.
- L-5:** A small room at the top right, containing a circular feature.
- L-6:** A room at the top left, containing a rectangular area marked with a dashed line.
- L-7:** A room at the top left, containing a rectangular area marked with a dashed line.
- L-8:** A room at the top left, containing a rectangular area marked with a dashed line.
- L-9:** A room on the left side, containing a rectangular area marked with a dashed line.
- L-10:** A room at the bottom left, containing a rectangular area marked with a dashed line.
- L-11:** A room at the bottom left, containing a rectangular area marked with a dashed line.
- L-12:** A room at the bottom center, containing a rectangular area marked with a dashed line.
- L-13:** A room on the right side, containing a rectangular area marked with a dashed line.
- L-14:** A room on the right side, containing a rectangular area marked with a dashed line.

The plan also shows various corridors, doors, and furniture, including a kitchen area with a stove and sink, a bathroom with a toilet and bathtub, and a central area with a large rectangular table and chairs.

CAST CRETE / LOTTS / WEKIWA / FLORIDA ROCK - PRECAST LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	17'-4"	2F32-1B/1T	GARAGE
L-2	7'-6"	2F12-1B/1T	FOYER
L-3	4'-6"	2F16-1B/1T	3050 S.H.
L-4	5'-4"	2F16-1B/1T	4020 F.G.
L-5	3'-6"	2F16-1B/1T	2020 F.G.
L-6	9'-4"	2F16-1B/1T	8'-0"X8'-0" 8GD
L-7	17'-4"	2F16-1B/1T	LANAI: CUT TO FIT
L-8	11'-4"	2F16-1B/1T	LANAI: CUT TO FIT
L-9	3'-6"	2F16-1B/1T	2020 F.G. (C.T.F.)
L-10	3'-6"	2F16-1B/1T	2060 S.H.
L-11	5'-10"	2F16-1B/1T	5060 S.H.
L-12	5'-8"	2RF14-1B/1T	3080 DR W/ 1480 SL
L-13	9'-4"	2F32-1B/1T	GARAGE
L-14	14'-0"	2F8-1B/1T	GARAGE HEADER
L-15	4'-6"	2RF30-1B/1T	GAR SERVICE DR

C (3-CAR GARAGE)
18"=1'-0" (11K1) 14"=1'-0" (2254)

LOT: 0000, COMMUNITY

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

PRECAST LINTEL PLAN

2385 HAMPTON II

FLORIDA SERIES

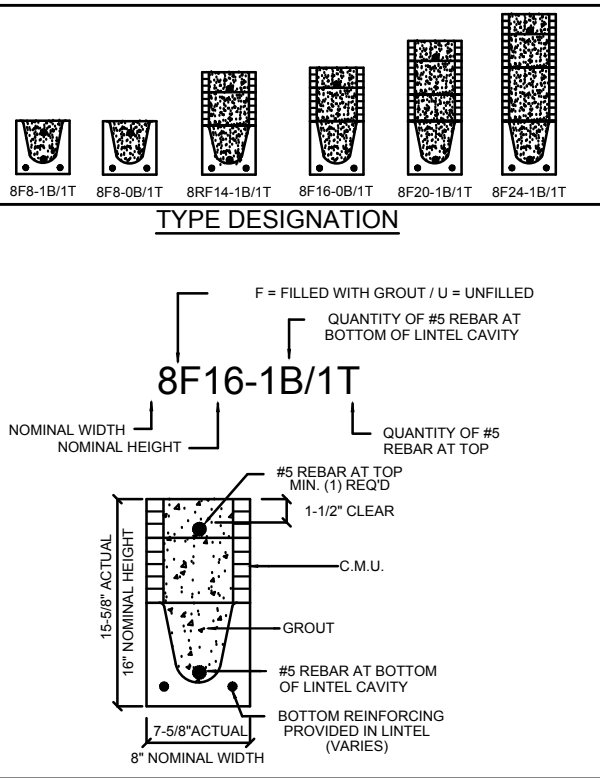
REVISIONS	
DELTA #	DATE
DATE: 07-23-	
SCALE: AS NOTE	
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SHEET:	
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SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS											
8" PRECAST & PRESTRESSED U-LINTELS											
GRAVITY											
LENGTH	TYPE	8U8	8F8-0B 8F8-1B	8F12-0B 8F12-1B	8F16-0B 8F16-1B	8F20-0B 8F20-1B	8F24-0B 8F24-1B	8F28-0B 8F28-1B	8F32-0B 8F32-1B		
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936		
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947		
4'-0" (48")	PRECAST	2029	3166	4473	6039	7526	9004	10472	11936		
4'-6" (54")	PRECAST	1651	2325	2496	3467	4438	5410	6384	7358		
5'-4" (64")	PRECAST	1184	2646	4473	6039	7526	9004	10472	11936		
5'-10" (70")	PRECAST	972	1787	1913	2657	3403	4149	4895	5644		
6'-6" (78")	PRECAST	937	2170	4027	6039	7526	9004	10472	9668		
7'-6" (90")	PRECAST	767	1223	1304	1896	2317	2826	3336	3846		
8'-0" (96")	PRECAST	670	1665	2889	5057	8096	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	830	1362	1927	1602	1961	2320	2680		
14'-0" (168")	PRECAST	338	899	1445	2214	3192	4533	6513	4087		
14'-8" (176")	PRESTRESSED	N.R.	767	1257	1779	1479	1810	2142	2474		
15'-4" (184")	PRESTRESSED	N.R.	829	1332	2044	2946	4184	6012	3773		
17'-4" (208")	PRESTRESSED	N.R.	632	1049	1469	1210	1482	1754	2027		
19'-4" (232")	PRESTRESSED	N.R.	768	1212	1818	2544	3469	4030	3127		
21'-4" (256")	PRESTRESSED	N.R.	482	802	1125	915	1122	1328	1535		
22'-0" (264")	PRESTRESSED	N.R.	658	1025	1514	2081	2774	3130	2404		
24'-0" (288")	PRESTRESSED	N.R.	598	935	1365	1854	2355	1793	2075		
			598	935	1365	1854	2441	3155	4044		
			545	864	1254	1689	2074	1570	1818		
			555	864	1254	1693	2211	2832	3590		
			427	726	1028	1331	1635	1224	1418		
			485	748	1076	1438	1855	2343	2920		
			381	648	919	1190	1462	1087	1260		
			455	700	1003	1335	1714	2153	2666		
			NR	NR	NR	NR	NR	NR	NR		
			465	765	1370	2045	2610	3185	3765		
			NR	NR	NR	NR	NR	NR	NR		
			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	8U6	8RF6-0B 8RF6-1B	8RF10-0B 8RF10-1B	8RF14-0B 8RF14-1B	8RF18-0B 8RF18-1B	8RF22-0B 8RF22-1B	8RF26-0B 8RF26-1B	8RF30-0B 8RF30-1B		
4'-4"(52")	PRECAST	1489	1591	3053	2982	3954	4929	5904	6880		
4'-6"(54")	PRECAST	1357	1827	3412	4982	6472	7947	9416	10878		
5'-8"(68")	PRECAST	785	1449	2782	2714	3600	4487	5375	6264		
5'-10"(70")	PRECAST	735	1702	3412	4982	6472	7947	9416	10878		
6'-8"(80")	PRECAST	822	832	1602	1550	2058	2566	3075	3585		
7'-6"(90")	PRECAST	665	1153	2162	4074	6472	6516	5814	6839		
9'-8"(116")	PRECAST	371	779	1500	1449	1924	2400	2876	3352		
			1103	2051	3811	6472	6516	5450	6411		
			907	1677	2933	2576	3223	3872	4522		
			907	1677	2933	4100	6730	8177	6707		
			761	1377	2252	1958	2451	2944	3439		
			764	1377	2329	3609	5492	6624	5132		
			420	834	1253	1071	1342	1614	1886		
			535	928	1497	2179	2618	3595	2875		

8" PRECAST & PRESTRESSED U-LINTELS											
UPLIFT										LATERAL	
LENGTH	TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	8F16-1T 8F16-2T	8F20-1T 8F20-2T	8F24-1T 8F24-2T	8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8	
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021	
3'-6" (42")	PRECAST	2165	2727	2784	3981	5190	6407	7630	1257	1257	
4'-0" (48")	PRECAST	1878	2165	2289	3260	4237	5219	6204	938	938	
4'-6" (54")	PRECAST	1680	1878	1989	2832	3680	4532	5387	727	727	
5'-4" (64")	PRECAST	1393	1680	1782	2507	3257	4010	4767	605	605	
5'-10" (70")	PRECAST	1272	1393	1484	2310	2741	3375	4010	418	418	
6'-6" (78")	PRECAST	1141	1272	1315	1875	2441	3010	3583	707	887	
7'-6" (90")	PRECAST	959	1141	912	1475	1914	2354	2797	591	657	
9'-4" (112")	PRECAST	801	959	1029	1466	1907	2351	2797	454	630	
10'-6" (126")	PRECAST	716	801	755	1192	1550	1910	2271	396	493	
11'-4" (136")	PRECAST	666	716	498	793	1027	1261	1496	363	556	
12'-0" (144")	PRECAST	607	666	439	696	899	1104	1309	340	494	
13'-4" (160")	PRECAST	573	607	486	818	1209	1514	1799	302	398	
14'-0" (168")	PRECAST	548	573	458	736	1001	1186	1372	286	360	
14'-8" (176")	PRESTRESSED	243	548	295	459	591	724	857	N.R.	357	
15'-4" (184")	PRESTRESSED	228	243	352	582	852	1156	1491	N.R.	327	
17'-4" (208")	PRESTRESSED	188	228	278	430	553	677	801	N.R.	255	
19'-4" (232")	PRESTRESSED	165	188	236	361	464	567	670	N.R.	204	
21'-4" (256")	PRESTRESSED	145	165	239	383	550	736	940	N.R.	172	
22'-0" (264")	PRESTRESSED	142	145	186	278	356	433	512	N.R.	161	
24'-0" (288")	PRESTRESSED	127	142	185	244	312	380	447	N.R.	135	

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



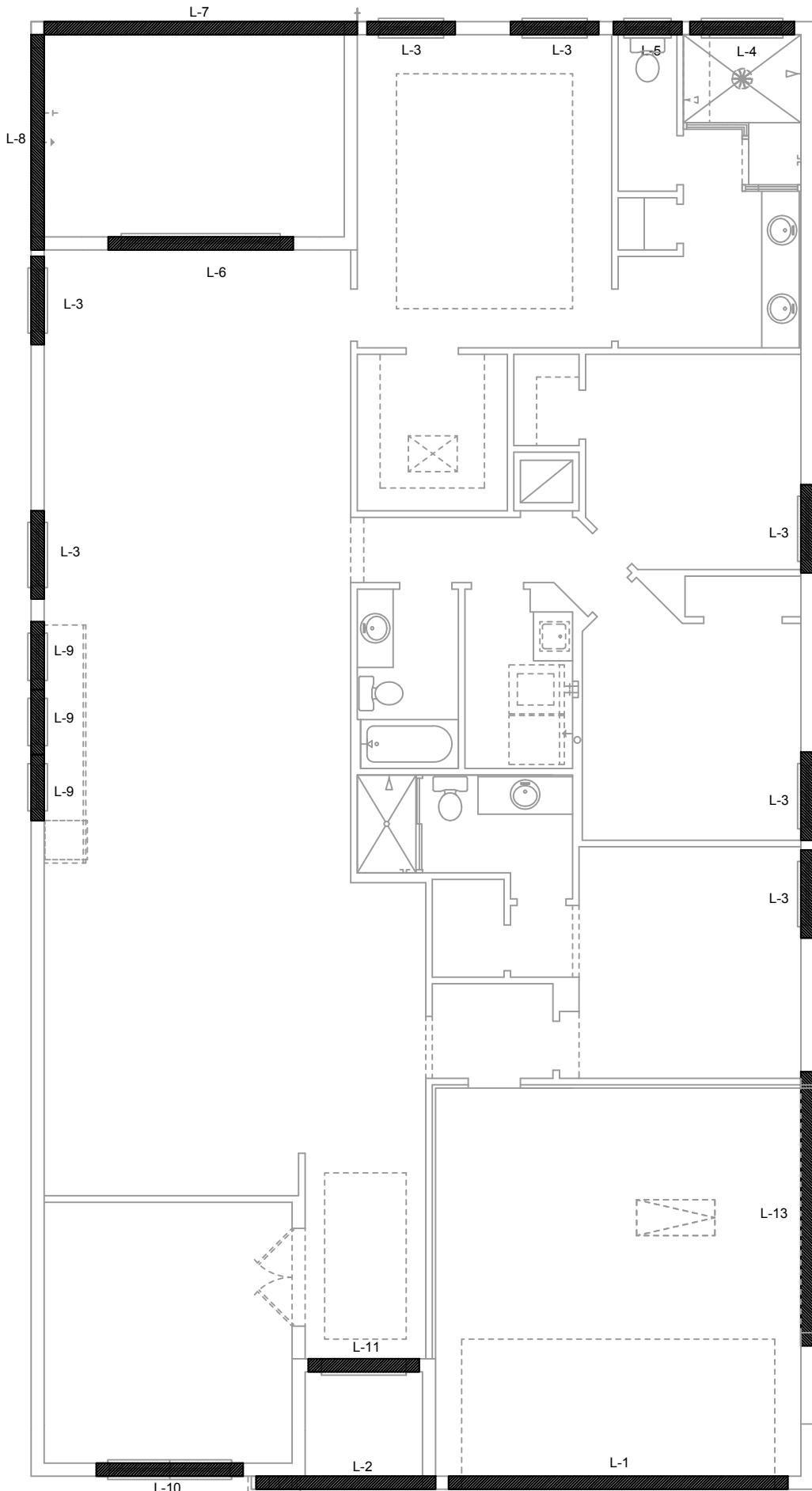
- MATERIALS**
1. Fc precast lintels = 3500 psi.
 2. Fc prestressed lintels = 6000 psi.
 3. Fc grout = 3000 psi w/ maximum 3/8" aggregate.
 4. Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
 5. Rebar provided in precast lintel per ASTM A615 GR60. Field rebar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

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

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

8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
UPLIFT										LATERAL	
LENGTH	TYPE	8RF6-1T 8RF6-2T	8RF10-1T 8RF10-2T	8RF14-1T 8RF14-2T	8RF18-1T 8RF18-2T	8RF22-1T 8RF22-2T	8RF26-1T 8RF26-2T	8RF30-1T 8RF30-2T	8U6	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'-6" (68")	PRECAST	924	1192	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	688	778	956	1468	1987	2509	3035	710	941	
9'-8" (116")	PRECAST	533	688	849	1302	1762	2225	2690	516	614	

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



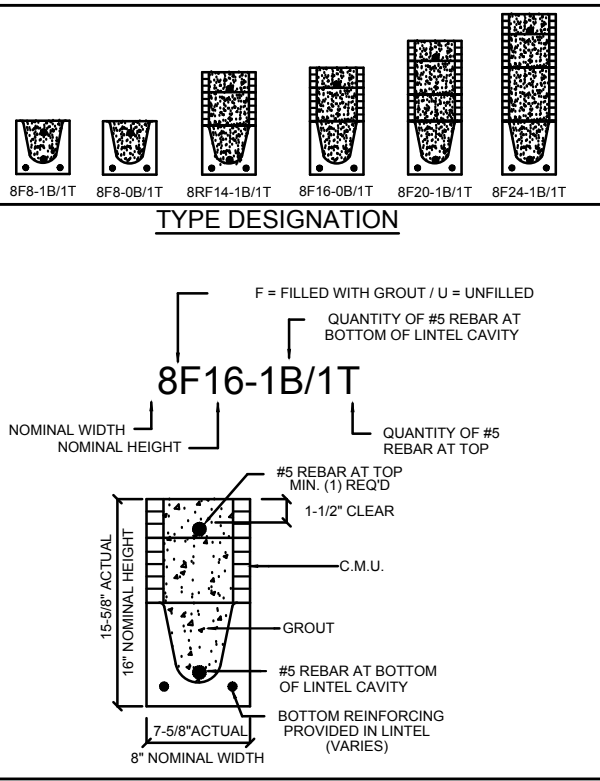
CAST CRETE / LOTTS / WEKIWA / FLORIDA ROCK - PRECAST LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	17'-4"	8F32-1B/1T	GARAGE

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS											
8" PRECAST & PRESTRESSED U-LINTELS											
GRAVITY											
LENGTH	TYPE	8U8	8F8-0B 8F8-1B	8F12-0B 8F12-1B	8F16-0B 8F16-1B	8F20-0B 8F20-1B	8F24-0B 8F24-1B	8F28-0B 8F28-1B	8F32-0B 8F32-1B		
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936		
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947		
4'-0" (48")	PRECAST	2029	3166	4473	6039	7526	9004	10472	11936		
4'-6" (54")	PRECAST	1651	2325	2496	3467	4438	5410	6384	7358		
5'-4" (64")	PRECAST	1184	2646	4473	6039	7526	9004	10472	11936		
5'-10" (70")	PRECAST	972	1787	1913	2657	3403	4149	4895	5644		
6'-6" (78")	PRECAST	937	2170	4027	6039	7526	9004	10472	9668		
7'-6" (90")	PRECAST	767	1223	1304	1896	2317	2826	3336	3846		
8'-0" (96")	PRECAST	670	1665	2889	5057	8096	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	1029	1675	2385	1994	2439	2886	3333		
12'-0" (144")	PRECAST	414	830	1362	1927	1602	1961	2320	2680		
13'-4" (160")	PRECAST	362	899	1445	2214	3192	4533	6513	4087		
14'-0" (168")	PRECAST	338	767	1257	1779	1479	1810	2142	2474		
14'-8" (176")	PRESTRESSED	N.R.	829	1332	2044	2946	4184	6012	3773		
15'-4" (184")	PRESTRESSED	N.R.	632	1049	1469	1210	1482	1754	2027		
17'-4" (208")	PRESTRESSED	N.R.	768	1212	1818	2544	3469	4030	3127		
19'-4" (232")	PRESTRESSED	N.R.	482	802	1125	915	1122	1328	1535		
21'-4" (256")	PRESTRESSED	N.R.	658	1025	1514	2081	2774	3130	2404		
22'-0" (264")	PRESTRESSED	N.R.	598	935	1365	1854	2355	1793	2075		
24'-0" (288")	PRESTRESSED	N.R.	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 8RF6-1B	8RF10-0B 8RF10-1B	8RF14-0B 8RF14-1B	8RF18-0B 8RF18-1B	8RF22-0B 8RF22-1B	8RF26-0B 8RF26-1B	8RF30-0B 8RF30-1B		
4'-4"(52")	PRECAST	1489	1591	3053	2982	3954	4929	5904	6880		
4'-6"(54")	PRECAST	1357	1827	3412	4982	6472	7947	9416	10878		
5'-8"(68")	PRECAST	785	1449	2782	2714	3600	4487	5375	6264		
5'-10"(70")	PRECAST	735	1702	3412	4982	6472	7947	9416	10878		
6'-8"(80")	PRECAST	822	832	1602	1550	2058	2566	3075	3585		
7'-6"(90")	PRECAST	665	1153	2162	4074	6472	6516	5814	6839		
9'-8"(116")	PRECAST	371	779	1500	1449	1924	2400	2876	3352		
			1103	2051	3811	6472	6516	5450	6411		
			907	1677	2933	2576	3223	3872	4522		
			907	1677	2933	4100	6730	8177	6707		
			761	1377	2252	1958	2451	2944	3439		
			764	1377	2329	3609	5492	6624	5132		
			420	834	1253	1071	1342	1614	1886		
			535	928	1497	2179	2618	3595	2875		

8" PRECAST & PRESTRESSED U-LINTELS											
UPLIFT											
LENGTH	TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	8F16-1T 8F16-2T	8F20-1T 8F20-2T	8F24-1T 8F24-2T	8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8	
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021	
3'-6" (42")	PRECAST	2165	2784	3981	5190	6407	7630	8857			
4'-0" (48")	PRECAST	1878	2289	3260	4237	5219	6204	7192	1257	1257	
4'-6" (54")	PRECAST	1680	2165	2215	3165	4125	5091	6061			
5'-4" (64")	PRECAST	1393	1989	2832	3680	4532	5387	6245	938	938	
5'-10" (70")	PRECAST	1272	1878	1925	2750	3583	4422	5264			
6'-6" (78")	PRECAST	1141	1762	2507	3257	4010	4767	5525	727	727	
7'-6" (90")	PRECAST	959	1660	1705	2435	3171	3913	4658			
9'-4" (112")	PRECAST	801	1393	1484	2210	2741	3375	4010	4848		
10'-6" (126")	PRECAST	716	1272	1357	2050	2670	3293	3920	4549	505	505
11'-4" (136")	PRECAST	666	1272	1315	1930	2505	3084	3665	4247		
12'-0" (144")	PRECAST	607	1141	1200	1733	2250	2789	3290	3812		
13'-4" (160")	PRECAST	573	1141	1182	1684	2192	2703	3216	3732	707	887
14'-0" (168")	PRECAST	548	959	912	1475	1914	2354	2797	3240	591	657
14'-8" (176")	PRESTRESSED	243	801	812	980	1269	1560	1852	2144		
15'-4" (184")	PRESTRESSED	228	716	755	1192	1550	1910	2271	2634	454	630
17'-4" (208")	PRESTRESSED	188	666	498	793	1027	1261	1496	1731		
19'-4" (232")	PRESTRESSED	165	607	611	1039	1389	1711	2034	2358	396	493
21'-4" (256")	PRESTRESSED	145	573	439	696	899	1104	1309	1515		
22'-0" (264")	PRESTRESSED	140	500	535	905	1295	1595	1896	2198	363	556
24'-0" (288")	PRESTRESSED	127	458	400	631	816	1001	1186	1372	340	494
			500	340	532	686	841	997	1153		
			573	409	682	1004	1367	1637	1897	302	398
			458	316	493	635	778	922	1065		
			243	295	459	591	724	857	990	286	360
			243	352	582	852	1156	1491	1742	N.R.	357
			228	278	430	553	677	801	925	N.R.	327
			228	329	542	791	1072	1381	1676	N.R.	325
			188	236	361	464	567	670	774	N.R.	255
			165	207	313	401	490	578	667	N.R.	204
			145	186	278	383	550	736	940	N.R.	172
			142	180	268	343	418	493	568	N.R.	161
			137	165	244	312	380	447	515	N.R.	135
			124	186	290	408	538	680	833	N.R.	135

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



MATERIALS

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

GENERAL NOTES

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

SAFE LOAD TABLE NOTES

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

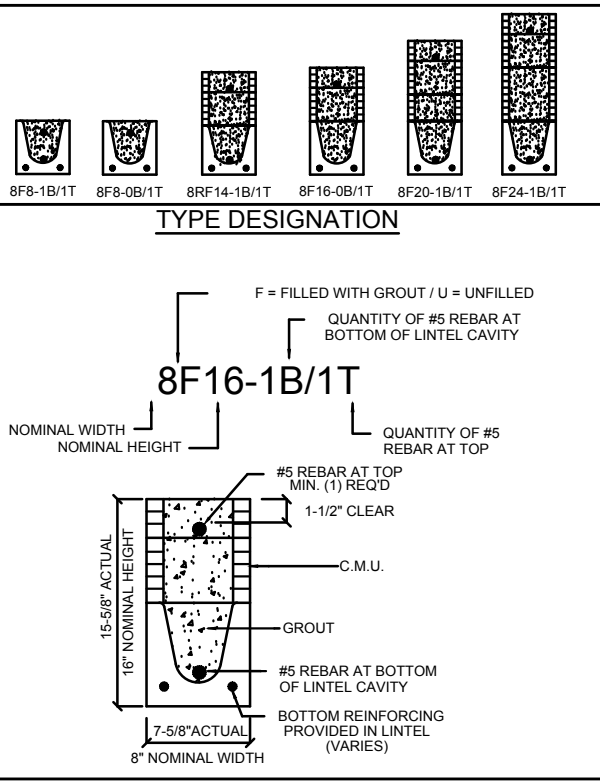
8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
UPLIFT										LATERAL	
LENGTH \ TYPE	8RF6-1T 8RF6-2T	8RF10-1T 8RF10-2T	8RF14-1T 8RF14-2T	8RF18-1T 8RF18-2T	8RF22-1T 8RF22-2T	8RF26-1T 8RF26-2T	8RF30-1T 8RF30-2T	8RU6	8RF6		
4'-4" (52") PRECAST	1244	1573	2413	3260	4112	4967	5825	932	932		
4'-6" (54") PRECAST	1244	1519	2339	3170	4008	4850	5696	853	853		
5'-8" (68") PRECAST	1192	1507	2311	3121	3937	4756	5577	501	501		
5'-10" (70") PRECAST	1192	1455	2240	3036	3837	4643	5453	469	469		
6'-8" (80") PRECAST	924*	1172	1795	2423	3055	3689	4325	830	1100		
7'-6" (90") PRECAST	924*	1132	1741	2357	2978	3603	4230	710	941		
9'-8" (116") PRECAST	896*	1138	1742	2352	2965	3581	4198	516	614		
	896	1099	1690	2288	2891	3497	4106				
	778	882	1513	2042	2573	3107	3642				
	778	966	1468	1987	2509	3035	3563				
	688	897	1325	1810	2280	2753	3227				
	688	849	1302	1762	2225	2690	3157				
	533*	833	808	1123	1413	1704	1995				
	533	527	1009	1369	1728	2088	2450				
*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR											

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS											
8" PRECAST & PRESTRESSED U-LINTELS											
GRAVITY											
LENGTH	TYPE	8U8	8F8-0B 8F8-1B	8F12-0B 8F12-1B	8F16-0B 8F16-1B	8F20-0B 8F20-1B	8F24-0B 8F24-1B	8F28-0B 8F28-1B	8F32-0B 8F32-1B		
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936		
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947		
4'-0" (48")	PRECAST	2029	3166	4473	6039	7526	9004	10472	11936		
4'-6" (54")	PRECAST	1651	2325	2496	3467	4438	5410	6384	7358		
5'-4" (64")	PRECAST	1184	2646	4473	6039	7526	9004	10472	11936		
5'-10" (70")	PRECAST	972	1787	1913	2657	3403	4149	4895	5644		
6'-6" (78")	PRECAST	937	2170	4027	6039	7526	9004	10472	9668		
7'-6" (90")	PRECAST	767	1223	1304	1896	2317	2826	3336	3846		
8'-0" (96")	PRECAST	670	1665	2889	5057	8096	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	830	1362	1927	1602	1961	2320	2680		
14'-0" (168")	PRECAST	338	899	1445	2214	3192	4533	6513	4087		
14'-8" (176")	PRESTRESSED	N.R.	767	1257	1779	1479	1810	2142	2474		
15'-4" (184")	PRESTRESSED	N.R.	829	1332	2044	2946	4184	6012	3773		
17'-4" (208")	PRESTRESSED	N.R.	632	1049	1469	1210	1482	1754	2027		
19'-4" (232")	PRESTRESSED	N.R.	768	1212	1818	2544	3469	4030	3127		
21'-4" (256")	PRESTRESSED	N.R.	482	802	1125	915	1122	1328	1535		
22'-0" (264")	PRESTRESSED	N.R.	658	1025	1514	2081	2774	3130	2404		
24'-0" (288")	PRESTRESSED	N.R.	598	935	1365	1854	2355	1793	2075		
			598	935	1365	1854	2441	3155	4044		
			545	864	1254	1689	2074	1570	1818		
			555	864	1254	1693	2211	2832	3590		
			427	726	1028	1331	1635	1224	1418		
			485	748	1076	1438	1855	2343	2920		
			381	648	919	1190	1462	1087	1260		
			455	700	1003	1335	1714	2153	2666		
			NR	NR	NR	NR	NR	NR	NR		
			420	695	1250	1855	2370	2890	3410		
			NR	NR	NR	NR	NR	NR	NR		
			310	530	950	1400	1800	2200	2600		
			NR	NR	NR	NR	NR	NR	NR		
			240	400	750	1090	1400	1720	2030		
			NR	NR	NR	NR	NR	NR	NR		
			163	330	610	940	1340	1780	2110		
			NR	NR	NR	NR	NR	NR	NR		
			160	300	570	870	1250	1660	1970		
			NR	NR	NR	NR	NR	NR	NR		
			130	240	470	720	1030	1350	1610		

8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
GRAVITY											
LENGTH	TYPE	8RU6	8RF6-0B 8RF6-1B	8RF10-0B 8RF10-1B	8RF14-0B 8RF14-1B	8RF18-0B 8RF18-1B	8RF22-0B 8RF22-1B	8RF26-0B 8RF26-1B	8RF30-0B 8RF30-1B		
4'-4"(52")	PRECAST	1489	1591	3053	2982	3954	4929	5904	6880		
4'-6"(54")	PRECAST	1357	1827	3412	4982	6472	7947	9416	10878		
5'-8"(68")	PRECAST	785	1449	2782	2714	3600	4487	5375	6264		
5'-10"(70")	PRECAST	735	1702	3412	4982	6472	7947	9416	10878		
6'-8"(80")	PRECAST	822	832	1602	1550	2058	2566	3075	3585		
7'-6"(90")	PRECAST	665	1153	2162	4074	6472	6516	5814	6839		
9'-8"(116")	PRECAST	371	779	1500	1449	1924	2400	2876	3352		
			1103	2051	3811	6472	6516	5450	6411		
			907	1677	2933	2576	3223	3872	4522		
			907	1677	2933	4100	6730	8177	6707		
			761	1377	2252	1958	2451	2944	3439		
			764	1377	2329	3609	5492	6624	5132		
			420	834	1253	1071	1342	1614	1886		
			535	928	1497	2179	2618	3595	2875		

8" PRECAST & PRESTRESSED U-LINTELS											
UPLIFT										LATERAL	
LENGTH	TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	8F16-1T 8F16-2T	8F20-1T 8F20-2T	8F24-1T 8F24-2T	8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8	
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021	
3'-6" (42")	PRECAST	2165	2727	2784	3981	5190	6407	7630	1257	1257	
4'-0" (48")	PRECAST	1878	2165	2289	3260	4237	5219	6204	938	938	
4'-6" (54")	PRECAST	1680	1878	1989	2832	3680	4532	5387	727	727	
5'-4" (64")	PRECAST	1393	1680	1782	2507	3257	4010	4767	605	605	
5'-10" (70")	PRECAST	1272	1393	1484	2210	2741	3375	4010	418	418	
6'-6" (78")	PRECAST	1141	1272	1315	1875	2441	3010	3583	707	887	
7'-6" (90")	PRECAST	959	1141	1182	1684	2192	2703	3216	591	657	
9'-4" (112")	PRECAST	801	959	912	1475	1914	2354	2797	454	630	
10'-6" (126")	PRECAST	716	801	755	1192	1550	1910	2271	396	493	
11'-4" (136")	PRECAST	666	716	439	696	899	1104	1309	363	556	
12'-0" (144")	PRECAST	607	666	535	905	1295	1595	1896	340	494	
13'-4" (160")	PRECAST	573	607	400	631	816	1001	1186	302	398	
14'-0" (168")	PRECAST	548	573	378	629	922	1254	1567	286	360	
14'-8" (176")	PRESTRESSED	243	243	295	459	591	724	857	N.R.	357	
15'-4" (184")	PRESTRESSED	228	228	278	430	553	677	801	N.R.	325	
17'-4" (208")	PRESTRESSED	188	228	236	361	464	567	670	N.R.	257	
19'-4" (232")	PRESTRESSED	165	188	276	449	649	874	1121	N.R.	204	
21'-4" (256")	PRESTRESSED	145	165	239	383	550	736	940	N.R.	172	
22'-0" (264")	PRESTRESSED	140	140	180	268	343	418	493	N.R.	161	
24'-0" (288")	PRESTRESSED	127	127	165	244	312	380	447	N.R.	135	
		124	124	166	290	408	538	680			

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

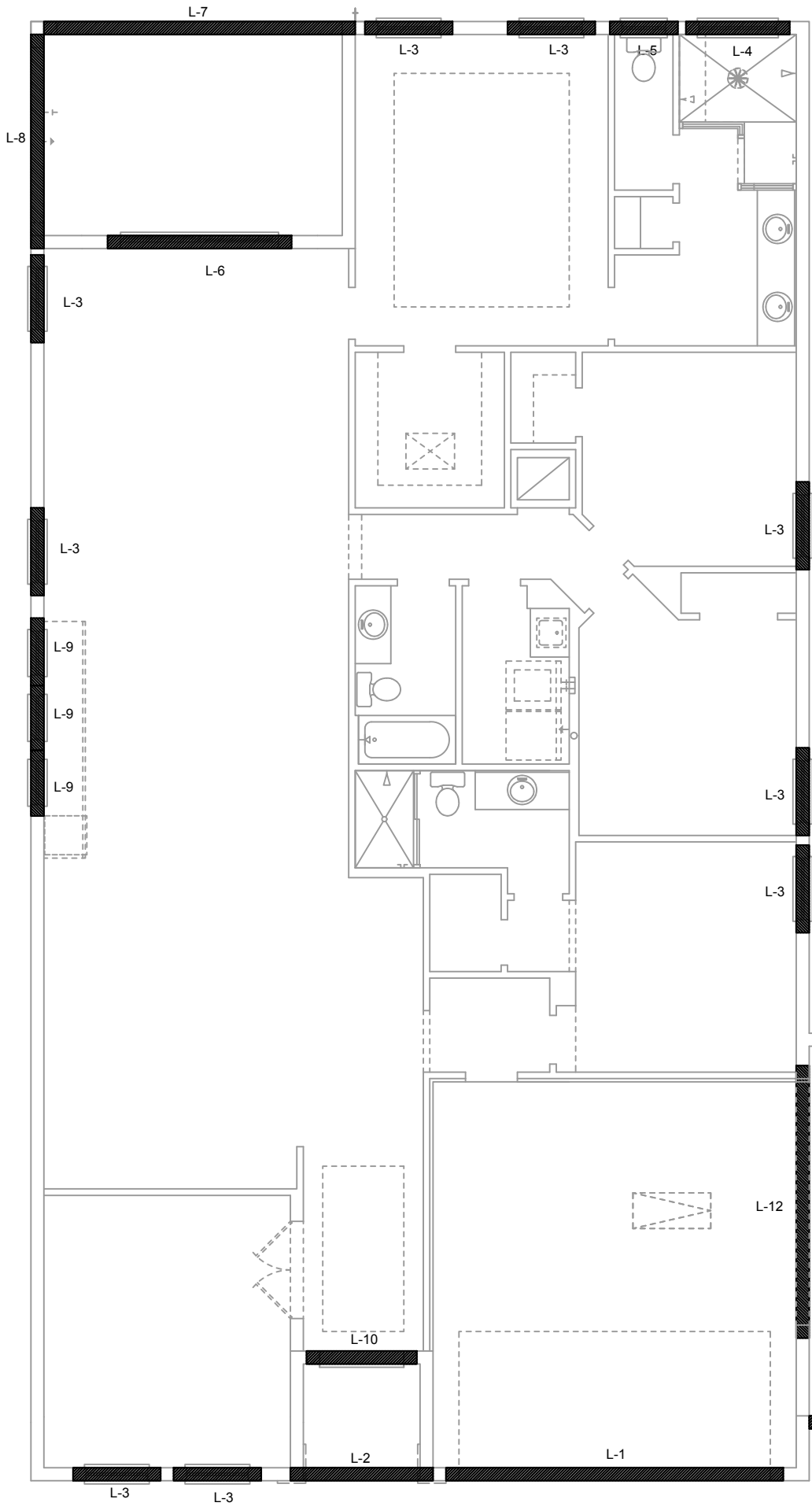


- MATERIALS**
1. Fc precast lintels = 3500 psi.
 2. Fc prestressed lintels = 6000 psi.
 3. Fc grout = 3000 psi w/ maximum 3/8" aggregate.
 4. Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
 5. Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
 6. Prestressing strand per ASTM A416 grade 270 low relaxation.
 7. 7/32 wire per ASTM A510.
 8. Mortar per ASTM C270 type M or S.
- GENERAL NOTES**
1. Provide full mortar head and bed joints.
 2. Shore filled lintels as required.
 3. Installation of lintel must comply with the architectural and/or structural drawings.
 4. Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
 5. All lintels meet or exceed L/360 vertical deflection, except lintels 17'-4" and longer with a nominal height of 8" meet or exceed L/180.
 6. Bottom field added rebar to be located at the bottom of the lintel cavity.
 7. 7/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
 8. Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
 9. Safe load ratings based on rational design analysis per ACI 318 and ACI 530

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

8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
UPLIFT										LATERAL	
LENGTH	TYPE	8RF6-1T 8RF6-2T	8RF10-1T 8RF10-2T	8RF14-1T 8RF14-2T	8RF18-1T 8RF18-2T	8RF22-1T 8RF22-2T	8RF26-1T 8RF26-2T	8RF30-1T 8RF30-2T	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'-6" (68")	PRECAST	924	1192	1455	2240	3036	3837	4643	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	688	778	956	1468	1987	2509	3035	710	941	
9'-8" (116")	PRECAST	533	688	849	1302	1762	2225	2690	516	614	
		533	537	1009	1369	1728	2088	2450			

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



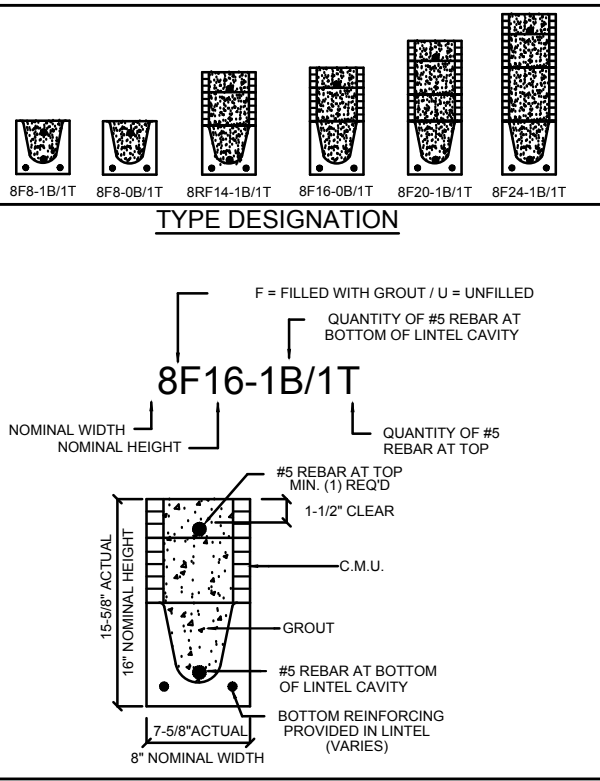
CAST CRETE / LOTS / WEKI

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS											
8" PRECAST & PRESTRESSED U-LINTELS											
GRAVITY											
LENGTH	TYPE	8U8	8F8-0B 8F8-1B	8F12-0B 8F12-1B	8F16-0B 8F16-1B	8F20-0B 8F20-1B	8F24-0B 8F24-1B	8F28-0B 8F28-1B	8F32-0B 8F32-1B		
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936		
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947		
4'-0" (48")	PRECAST	2029	3166	4473	6039	7526	9004	10472	11936		
4'-6" (54")	PRECAST	1651	2325	2496	3467	4438	5410	6384	7358		
5'-4" (64")	PRECAST	1184	2646	4473	6039	7526	9004	10472	11936		
5'-10" (70")	PRECAST	972	1787	1913	2657	3403	4149	4895	5644		
6'-6" (78")	PRECAST	937	2170	4027	6039	7526	9004	10472	9668		
7'-6" (90")	PRECAST	767	1223	1304	1896	2317	2826	3336	3846		
8'-0" (96")	PRECAST	670	1665	2889	5057	8096	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	1029	1675	2385	1994	2439	2886	3333		
12'-0" (144")	PRECAST	414	830	1362	1927	1602	1961	2320	2680		
13'-4" (160")	PRECAST	362	899	1445	2214	3192	4533	6513	4087		
14'-0" (168")	PRECAST	338	767	1257	1779	1479	1810	2142	2474		
14'-8" (176")	PRESTRESSED	N.R.	829	1332	2044	2946	4184	6012	3773		
15'-4" (184")	PRESTRESSED	N.R.	632	1049	1469	1210	1482	1754	2027		
17'-4" (208")	PRESTRESSED	N.R.	768	1212	1818	2544	3469	4030	3127		
19'-4" (232")	PRESTRESSED	N.R.	482	802	1125	915	1122	1328	1535		
21'-4" (256")	PRESTRESSED	N.R.	658	1025	1514	2081	2774	3130	2404		
22'-0" (264")	PRESTRESSED	N.R.	598	935	1365	1854	2355	1793	2075		
24'-0" (288")	PRESTRESSED	N.R.	598	935	1365	1854	2441	3155	4044		
			545	864	1254	1689	2074	1570	1818		
			555	864	1254	1693	2211	2832	3590		
			427	726	1028	1331	1635	1224	1418		
			485	748	1076	1438	1855	2343	2920		
			381	648	919	1190	1462	1087	1260		
			455	700	1003	1335	1714	2153	2666		
			NR	NR	NR	NR	NR	NR	NR		
			465	765	1370	2045	2610	3185	3765		
			NR	NR	NR	NR	NR	NR	NR		
			420	695	1250	1855	2370	2890	3410		
			NR	NR	NR	NR	NR	NR	NR		
			310	530	950	1400	1800	2200	2600		
			NR	NR	NR	NR	NR	NR	NR		
			240	400	750	1090	1400	1720	2030		
			NR	NR	NR	NR	NR	NR	NR		
			163	330	610	940	1340	1780	2110		
			NR	NR	NR	NR	NR	NR	NR		
			160	300	570	870	1250	1660	1970		
			NR	NR	NR	NR	NR	NR	NR		
			130	240	470	720	1030	1350	1610		

8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
GRAVITY											
LENGTH	TYPE	8U6	8RF6-0B 8RF6-1B	8RF10-0B 8RF10-1B	8RF14-0B 8RF14-1B	8RF18-0B 8RF18-1B	8RF22-0B 8RF22-1B	8RF26-0B 8RF26-1B	8RF30-0B 8RF30-1B		
4'-4"(52")	PRECAST	1489	1591	3053	2982	3954	4929	5904	6880		
4'-6"(54")	PRECAST	1357	1827	3412	4982	6472	7947	9416	10878		
5'-8"(68")	PRECAST	785	1449	2782	2714	3600	4487	5375	6264		
5'-10"(70")	PRECAST	735	1702	3412	4982	6472	7947	9416	10878		
6'-8"(80")	PRECAST	822	832	1602	1550	2058	2566	3075	3585		
7'-6"(90")	PRECAST	665	1153	2162	4074	6472	6516	5814	6839		
9'-8"(116")	PRECAST	371	779	1500	1449	1924	2400	2876	3352		
			1103	2051	3811	6472	6516	5450	6411		
			907	1677	2933	2576	3223	3872	4522		
			907	1677	2933	4100	6730	8177	6707		
			761	1377	2252	1958	2451	2944	3439		
			764	1377	2329	3609	5492	6624	5132		
			420	834	1253	1071	1342	1614	1886		
			535	928	1497	2179	2618	3595	2875		

8" PRECAST & PRESTRESSED U-LINTELS											
UPLIFT										LATERAL	
LENGTH	TYPE	8F8-1T 8F8-2T	8F12-1T 8F12-2T	8F16-1T 8F16-2T	8F20-1T 8F20-2T	8F24-1T 8F24-2T	8F28-1T 8F28-2T	8F32-1T 8F32-2T	8U8	8F8	
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021	
3'-6" (42")	PRECAST	2165	2784	3981	5190	6407	7630	8857			
4'-0" (48")	PRECAST	1878	2289	3260	4237	5219	6204	7192	1257	1257	
4'-6" (54")	PRECAST	1680	2165	2215	3165	4125	5091	6061			
5'-4" (64")	PRECAST	1393	1989	2832	3680	4532	5387	6245	938	938	
5'-10" (70")	PRECAST	1272	1878	1925	2750	3583	4422	5264			
6'-6" (78")	PRECAST	1141	1762	2507	3257	4010	4767	5525	727	727	
7'-6" (90")	PRECAST	959	1660	1705	2435	3171	3913	4658			
9'-4" (112")	PRECAST	801	1393	1484	2210	2741	3375	4010	4848		
10'-6" (126")	PRECAST	716	1437	2050	2670	3293	3920	4549	505	505	
11'-4" (136")	PRECAST	666	1272	1357	1930	2505	3084	3665			
12'-0" (144")	PRECAST	607	1272	1315	1875	2441	3010	3583	418	418	
13'-4" (160")	PRECAST	573	1141	1200	1733	2250	2789	3290			
14'-0" (168")	PRECAST	548	1141	1182	1684	2192	2703	3216	707	887	
14'-8" (176")	PRESTRESSED	243	959	912	1475	1914	2354	2797	591	657	
15'-4" (184")	PRESTRESSED	228	990	1029	1466	1907	2351	2797			
17'-4" (208")	PRESTRESSED	188	801	812	980	1269	1560	1852	454	630	
19'-4" (232")	PRESTRESSED	165	716	755	1192	1550	1910	2271			
21'-4" (256")	PRESTRESSED	145	666	696	996	1295	1595	1896	363	556	
22'-0" (264")	PRESTRESSED	140	607	631	816	1001	1186	1372			
24'-0" (288")	PRESTRESSED	124	500	486	686	841	997	1153	340	494	
			573	409	682	1004	1367	1637	302	398	
			458	316	493	635	778	922	286	360	
			243	295	459	591	724	857			
			243	352	582	852	1156	1491	N.R.	357	
			228	278	430	553	677	801			
			228	329	542	791	1072	1381	N.R.	327	
			188	236	361	464	567	670			
			165	207	313	401	490	578	N.R.	255	
			165	239	383	550	736	940	N.R.	204	
			145	186	278	356	433	512			
			142	212	336	477	635	807	N.R.	172	
			140	180	268	343	418	493			
			137	205	322	457	607	771	N.R.	161	
			127	185	244	312	380	447			
			124	186	290	408	538	680	N.R.	135	

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



MATERIALS

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

GENERAL NOTES

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

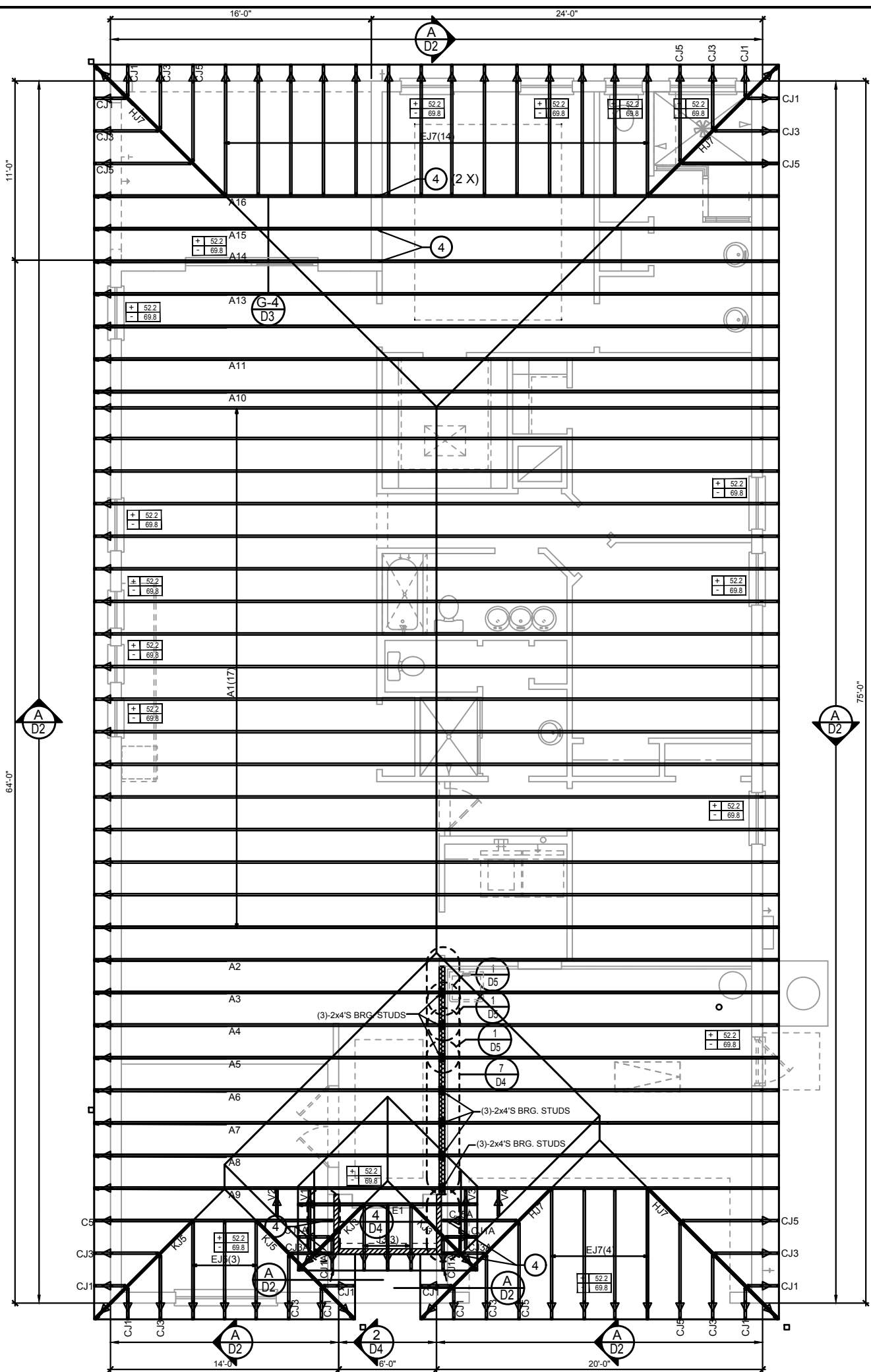
SAFE LOAD TABLE NOTES

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

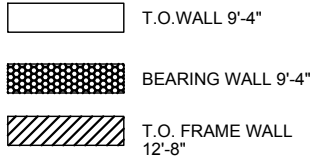
8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
UPLIFT										LATERAL	
LENGTH \ TYPE	8RF6-1T 8RF6-2T	8RF10-1T 8RF10-2T	8RF14-1T 8RF14-2T	8RF18-1T 8RF18-2T	8RF22-1T 8RF22-2T	8RF26-1T 8RF26-2T	8RF30-1T 8RF30-2T	8RU6	8RF6		
4" 4" (52") PRECAST	1244	1573	2413	3260	4112	4967	5825	932	932		
	1244	1519	2339	3170	4008	4850	5696				
4" 6" (54") PRECAST	1192	1507	2311	3121	3937	4756	5577	853	853		
	1192	1455	2240	3036	3847	4643	5453				
5" 8" (68") PRECAST	924*	1172	1795	2423	3055	3689	4325	501	501		
	924	1132	1741	2357	2978	3603	4230				
5" 10" (70") PRECAST	896*	1138	1742	2352	2965	3581	4198	469	469		
	896	1099	1690	2288	2895	3487	4106				
6" 8" (80") PRECAST	778	982	1513	2042	2573	3107	3642	830	1100		
	778	965	1468	1987	2509	3035	3562				
	688	897	1325	1810	2280	2753	3227				
7" 6" (90") PRECAST	688	849	1302	1762	2225	2690	3157	710	941		
	533*	833	808	1123	1413	1704	1995				
9" 8" (116") PRECAST	533	527	1009	1369	1728	2088	2450	516	614		
*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR											

CONNECTOR SCHEDULE

CONNECT. TYPE	SIMPSON		MAX. UPLIFT	LAT. LDS. F1 / F2
	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA16	9-10d x 1½"	1,810	65 / 960
5	DETAL20	18-10d x 1½"	2,480	2000/ 1370
20	H3	RFT: 4-8d / PLT: 4-8d	400	210 / 170
21	H1	RFT:6-8dx1½"/PLT:4-8d	480	510 / 165
22	H10S	RFT: 8-8d x 1½"	1010	660/550
		PLT: 8-8d x 1½"		
23	LUS26	HDR: 4-10d/JST: 4-10d	935	N/A
24	H7	RFT / TRS: 4-8d	985	400 / N/A
		PLT / STD: 10-8d		
26	H2.5	RFT:5-8d / PLT: 5-8d	415	150 / 150
34	A34	H:4-8dx1½"/P:4-8dx1½"	365	280 / 303
35	A35F	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
37	HTS16	14-10d	1,310	N/A
38	MTS16	14-10d	990	N/A
39	MTS30	14-10d	990	N/A
43	LSTA12	10-10d	905	N/A
45	ST18	14-16d	1,200	N/A
47	LSTA24	18-10d	1,295	N/A
71	MSTA36	26-10d	2,135	N/A
72	MSTC66	64-16d SINKERS	5,495	N/A
79	SP1	STD:6-10d / PLT:4-10d	535	560 / 260
80	SP2	STD:6-10d / PLT:6-10d	605	560 / 260
81	SPH4,6,8	12-10d x 1½"	885	N/A
90	ABU66	12-16d	2,240	N/A
89	CB66	(2) 7/8" BOLTS	2,300	985
92	ABU44	12-16d	2,200	N/A
93	AC6 (MAX)	28-16d	1,815	1,070
94	AC4 (MAX)	28-16d	1,815	1,070
95	HTS20	20-10d	1,450	N/A
96	HD8A	SILL: 7/8" BOLT STUD:(3) 7/8"x5½" BOLTS	7,910	N/A
97	MTSM16	BLOCK: 4-½"x2¼" TC JOIST : 7-10d	860	N/A
98	HTT4	SILL: 5/8" BOLT STRAP: 18-16d	4,235	N/A
99	A35	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
102	HTT5	5/8" BOLT/ 26-10d	4,275	N/A
103	VGTR/L	32-SDS½"x3"(2) 7/8" BLT	3,990	N/A
104	HDUE7-SDS3	5/8" BLT/ (13)-SDS 1/4"x 3"	7,015	N/A
110	HCP1.81	(6) 0.148 x 1½"	590	255 / N/A
167	HHUS46	H:14-16d/J:6-16d	1,550	N/A
168	U46	H:8-10d/J:4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H:14-16d/J:4-10d	1,085	N/A
214	HUC212-3TF	HD:16-3/16"x1½" TAPCON BM: 6-16d	1,135	N/A
215	HGUS210-2	HDR:46-16d/JST:10-16d	2,720	N/A
216	HUS412	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	2,630	N/A
219	MBHA412	H:1-ATR3/4X8 TOP&FACE JOIST: 18-10d	3,145	N/A
220	N/A	N/A	1,620	N/A
226	MBHA4.75/12	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	2,160	N/A
231	MBHA3.56/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
232	MBHA5.50/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
240	H16	R:2-10dx1½"/P:10-10dx1½"	1,470	480 / N/A
241	LGT2	30-16d-sinker	2000	1015 / 440
301	MGT	(1) 5/8"BLTS./GIR: 22-10d	3,965	N/A
302	HGT-2 or 3	LTL:3/4"BLTS./GIR: 8-10d	6485	N/A
303	HGT-4	LTL:3/4"BLTS./GIR: 16-10d	9,250	N/A
401	SUR/L414	FACE:18-16d/JST:8-16d	1,700	N/A
T	CONNECTORS TO BE SPECIFIED & PROVIDED BY TRUSS MANUFACTURERS			



WALL KEY



COMPONENT & CLADDING DESIGN WIND PRESSURES

SEE PLAN DESIGN WIND 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 TP/WTCBA 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

ITEG
THOMPSON ENGINEERING GROUP, INC.
P.O. BOX 1794
Orlando, Florida 32811
Phone (407) 784-1792
www.iteg.com

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

Park Square
HOMES

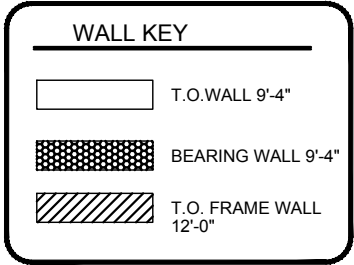
ROOF FRAMING PLAN

2385 HAMPTON II
FLORIDA SERIES

REVISIONS	
DELTA #	DATE
DATE: 07-23-24	
SCALE: AS NOTED	
DRAWN: MR	
SHEET:	
S3.0A	

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 STUD:(3) 7/8"x5½" BOLTS	7,910	N/A
97	MTSM16	BLOCK: 4-¼"x2½" TC JOIST : 7-10d	860	N/A
98	HTT4	SILL: 5/8" BOLT STRAP: 18-16d	4,235	N/A
99	A35	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
102	HTT5	5/8" BOLT/ 26-10d	4,275	N/A
103	VGTRL	32-SDS½"x3"/(2) 7/8" BLT	3,990	N/A
104	HDUE7-SDS3	5/8" BLT/ (13)-SDS 1/4"x 3"	7,015	N/A
110	HCP1.81	(6) 0.148 x 1½"	590	255 / N/A
167	HHUS46	H:14-16d/J:6-16d	1,550	N/A
168	U46	H:8-10d/J:4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H:14-16d/J:4-10d	1,085	N/A
214	HUC212-3TF	HD:16-3/16"x1½" TAPCON BM: 6-16d	1,135	N/A
215	HGUS210-2	HDR:46-16d/JST:10-16d	2,720	N/A
216	HUS412	BLOCK: 10-½"x1½" TC JOIST : 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-½"x1½" TC JOIST : 10-16d	2,630	N/A
219	MBHA412	H:1-ATR3/4X8 TOP&FACE JOIST: 18-10d	3,145	N/A
220	N/A	N/A	1,620	N/A
226	MBHA4.75/12	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	2,160	N/A
231	MBHA3.56/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
232	MBHA5.50/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
240	H16	R:2-10dx1½"/P:10-10dx1½"	1,470	480 / N/A
241	LG12	30-16d-sinker	2000	1015 / 440
301	MG1	(1) 5/8"BLTS/GIR: 22-10d	3,965	N/A
302	HGT-2 or 3	LTL:3/4"BLTS./GIR: 8-10d	6485	N/A
303	HGT-4	LTL:3/4"BLTS./GIR: 16-10d	9,250	N/A
401	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/ UNITEX PROPOXY 300 OR SIMPSON SET OR ETT ADHESIVES.

2- BLOCK WALL OVERHANGING SLAB CONDITION: UP TO 7/8" - NO REPAIR NECESSARY 7/8" TO 1 1/2" - AFFIRED 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/WTCA BCSI 1.
6. REFER TO TRUSS MANUFACTURERS DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. ROOF UNDERLAYMENT TO BE USED IS 30 LBS. SYNTHETIC FELT.
8. TILE ROOF : UNDERLAYMENT TO BE INSTALLED INAW FBAF 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.

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

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

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Park Square HOMES

ROOF FRAMING PLAN

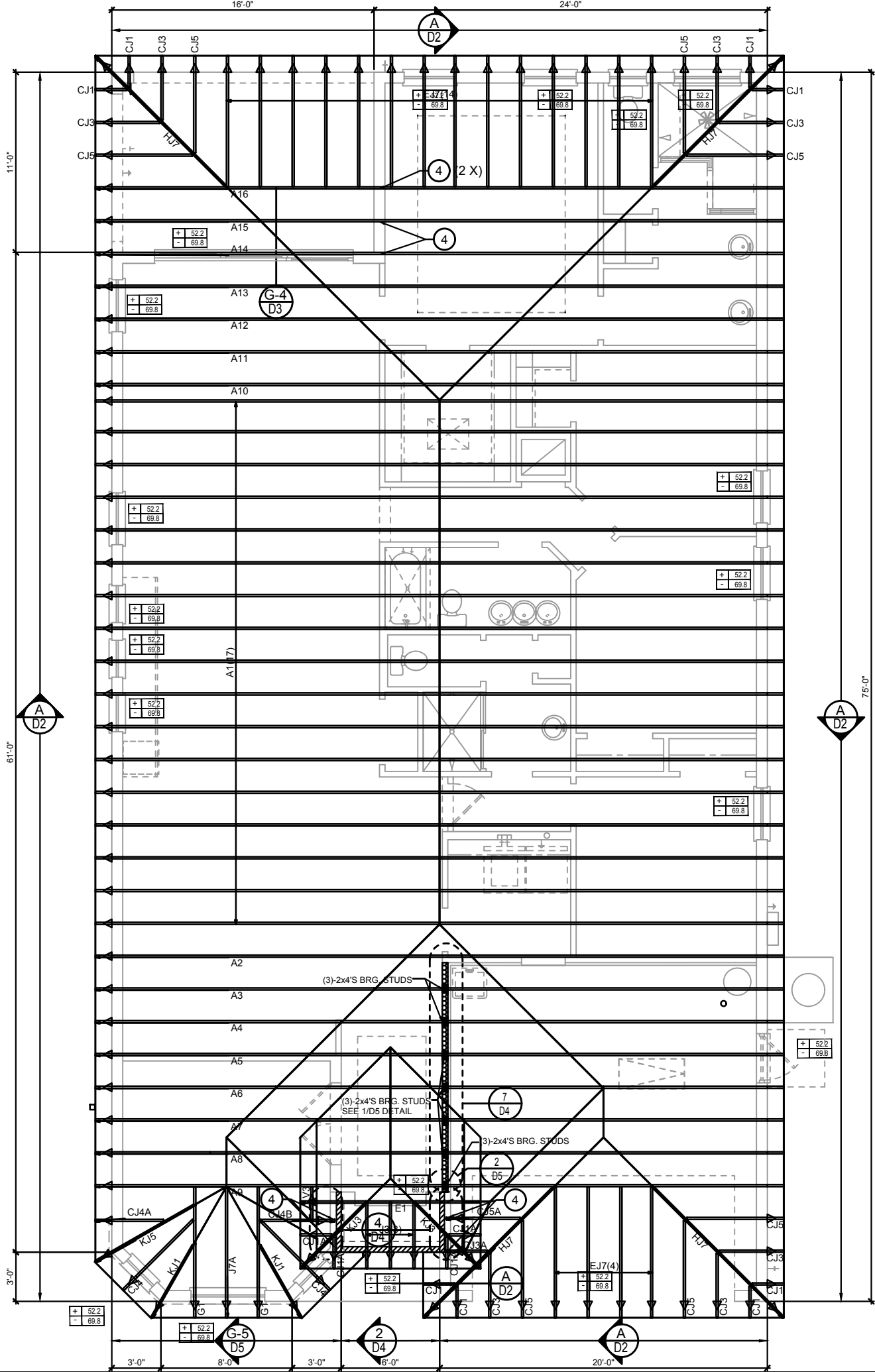
2385 HAMPTON II	FLORIDA SERIES
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REVISIONS			
DELTA #		DATE	
DATE: 07-23-			
SCALE: AS NOTED			
DRAWN:		M	
SHEET:			
S3			

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

CONNECTOR SCHEDULE

CONNECT. TYPE	SIMPSON		MAX. UPLIFT	LAT. LDS. F1 / F2
	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA16	9-10d x 1½"	1,810	65 / 960
5	DETAL20	18-10d x 1½"	2,480	2000/ 1370
20	H3	RFT: 4-8d / PLT: 4-8d	400	210 / 170
21	H1	RFT:6-8dx1½"/PLT:4-8d	480	510 / 165
22	H10S	RFT: 8-8d x 1½"	1010	660/550
		PLT: 8-8d x 1½"		
23	LUS26	HDR: 4-10d/JST: 4-10d	935	N/A
24	H7	RFT / TRS: 4-8d	985	400 / N/A
		PLT / STD: 10-8d		
26	H2.5	RFT:5-8d / PLT: 5-8d	415	150 / 150
34	A34	H:4-8dx1½"/P:4-8dx1½"	365	280 / 303
35	A35F	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
37	HTS16	14-10d	1,310	N/A
38	MTS16	14-10d	990	N/A
39	MTS30	14-10d	990	N/A
43	LSTA12	10-10d	905	N/A
45	ST18	14-16d	1,200	N/A
47	LSTA24	18-10d	1,295	N/A
71	MSTA36	26-10d	2,135	N/A
72	MSTC66	64-16d SINKERS	5,495	N/A
79	SP1	STD:6-10d / PLT:4-10d	535	560 / 260
80	SP2	STD:6-10d / PLT:6-10d	605	560 / 260
81	SPH4,6,8	12-10d x 1½"	885	N/A
90	ABU66	12-16d	2,240	N/A
89	CB66	(2) 7/8" BOLTS	2,300	985
92	ABU44	12-16d	2,200	N/A
93	AC6 (MAX)	28-16d	1,815	1,070
94	AC4 (MAX)	28-16d	1,815	1,070
95	HTS20	20-10d	1,450	N/A
96	HD8A	SILL: 7/8" BOLT STUD:(3) 7/8"x5½" BOLTS	7,910	N/A
97	MTSM16	BLOCK: 4-½"x2¼" TC JOIST : 7-10d	860	N/A
98	HTT4	SILL: 5/8" BOLT STRAP: 18-16d	4,235	N/A
99	A35	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
102	HTT5	5/8" BOLT/ 26-10d	4,275	N/A
103	VGTR/L	32-SDS½"x3"/(2) 7/8" BLT	3,990	N/A
104	HDUE7-SDS3	5/8" BLT/ (13)-SDS 1/4"x 3"	7,015	N/A
110	HCP1.81	(6) 0.148 x 1½"	590	255 / N/A
167	HHUS46	H:14-16d/J:6-16d	1,550	N/A
168	U46	H:8-10d/J:4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H:14-16d/J:4-10d	1,085	N/A
214	HUC212-3TF	HD:16-3/16"x1½" TAPCON BM: 6-16d	1,135	N/A
215	HGUS210-2	HDR:46-16d/JST:10-16d	2,720	N/A
216	HUS412	BLOCK: 10-½"x1½" TC JOIST : 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-½"x1½" TC JOIST : 10-16d	2,630	N/A
219	MBHA412	H:1-ATR3/4X8 TOP&FACE JOIST: 18-10d	3,145	N/A
220	N/A	N/A	1,620	N/A
226	MBHA4.75/12	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	2,160	N/A
231	MBHA3.56/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
232	MBHA5.50/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
240	H16	R:2-10dx1½"/P:10-10dx1½"	1,470	480 / N/A
241	LGT2	30-16d-sinker	2000	1015 / 440
301	MGT	(1) 5/8"BLTS./GIR: 22-10d	3,965	N/A
302	HGT-2 or 3	LTL:3/4"BLTS./GIR: 8-10d	6485	N/A
303	HGT-4	LTL:3/4"BLTS./GIR: 16-10d	9,250	N/A
401	SUR/L414	FACE:18-16d/JST:8-16d	1,700	N/A
T	CONNECTORS TO BE SPECIFIED & PROVIDED BY TRUSS MANUFACTURERS			



WALL KEY

T.O. WALL 9'-4"

BEARING WALL 9'-4"

T.O. FRAME WALL 12'-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
B (STANDARD BAY WINDOW)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x37)

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

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Phone (407) 784-1780
Fax (407) 784-1780
www.iteg.com

Park Square HOMES

ROOF FRAMING PLAN

2385 HAMPTON II
FLORIDA SERIES

REVISIONS

DELTA #	DATE

DATE: 07-23-24

SCALE: AS NOTED

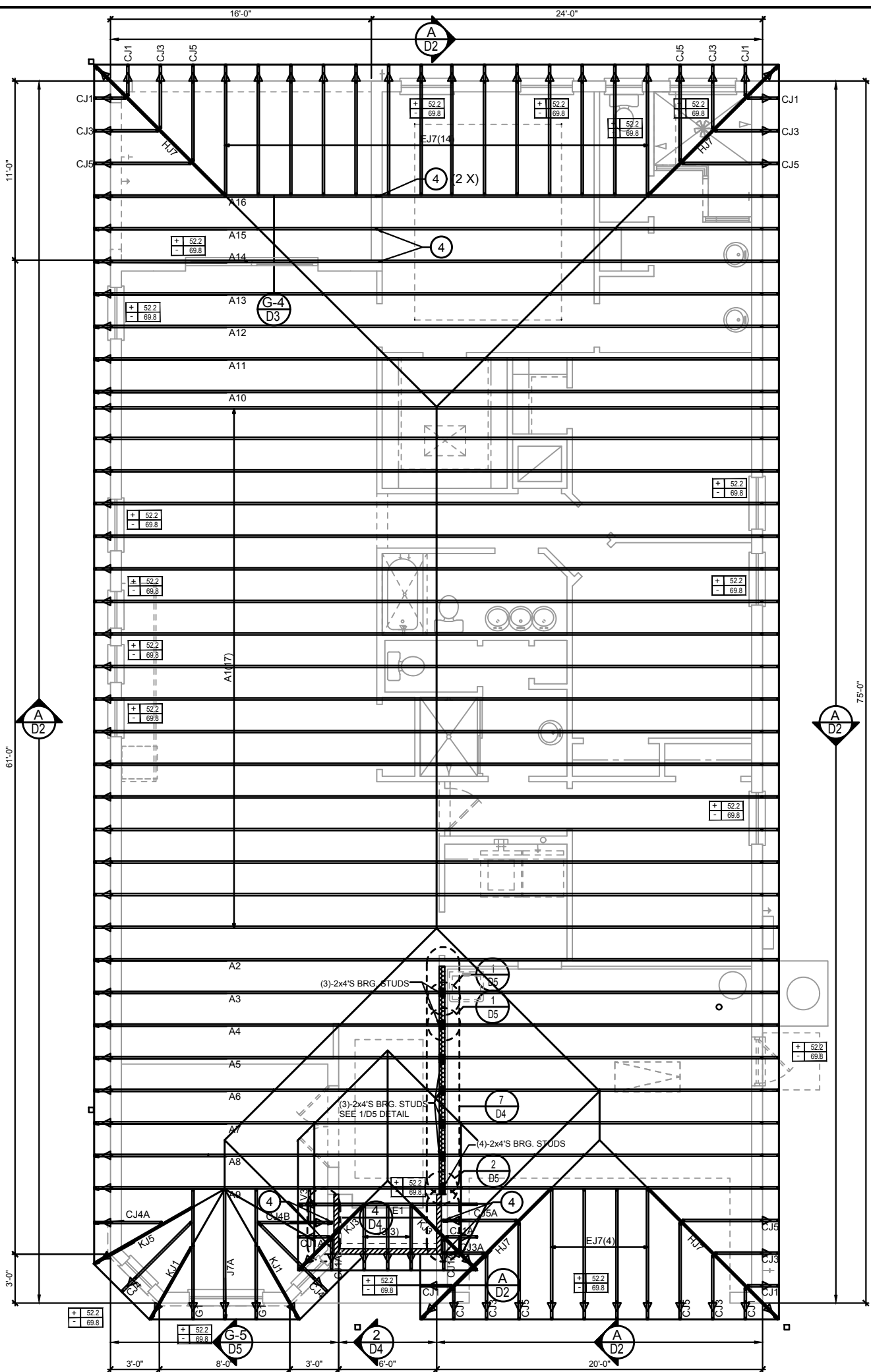
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SHEET: S3

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CONNECTOR SCHEDULE

CONNECT. TYPE	SIMPSON		MAX. UPLIFT	LAT. LDS. F1 / F2
	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA16	9-10d x 1½"	1,810	65 / 960
5	DETAL20	18-10d x 1½"	2,480	2000/ 1370
20	H3	RFT: 4-8d / PLT: 4-8d	400	210 / 170
21	H1	RFT:6-8dx1½"/PLT:4-8d	480	510 / 165
22	H10S	RFT: 8-8d x 1½"	1010	660/550
23	LUS26	PLT: 8-8d x 1½"		
24	LUS26	HDR: 4-10d/JST: 4-10d	935	N/A
24	H7	RFT / TRS: 4-8d	985	400 / N/A
26	H2.5	PLT / STD: 10-8d		
34	A34	RFT:5-8d / PLT: 5-8d	415	150 / 150
35	A35F	H:4-8dx1½"/P:4-8dx1½"	365	280 / 303
37	HTS16	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
38	MTS16	14-10d	1,310	N/A
39	MTS30	14-10d	990	N/A
43	LSTA12	14-10d	990	N/A
45	ST18	10-10d	905	N/A
47	LSTA24	14-16d	1,200	N/A
71	MSTA36	18-10d	1,295	N/A
72	MSTC66	26-10d	2,135	N/A
79	SP1	64-16d SINKERS	5,495	N/A
80	SP2	STD:6-10d / PLT:4-10d	535	560 / 260
81	SPH4,6,8	STD:6-10d / PLT:6-10d	605	560 / 260
90	ABU66	12-10d x 1½"	885	N/A
89	CB66	12-16d	2,240	N/A
92	ABU44	(2) 7/8" BOLTS	2,300	985
93	AC6 (MAX)	12-16d	2,200	N/A
94	AC4 (MAX)	28-16d	1,815	1,070
95	HTS20	28-16d	1,815	1,070
96	HD8A	20-10d	1,450	N/A
97	MTSM16	SILL: 7/8" BOLT STUD:(3) 7/8"x5½" BOLTS	7,910	N/A
98	HTT4	BLOCK: 4-½"x2¼" TC JOIST : 7-10d	860	N/A
99	A35	SILL: 5/8" BOLT STRAP: 18-16d	4,235	N/A
102	HTT5	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
103	VGTR/L	5/8" BOLT/ 26-10d	4,275	N/A
104	HDUE7-SDS3	32-SDS½"x3"/(2) 7/8" BLT	3,990	N/A
110	HCP1.81	5/8" BLT/ (13)-SDS 1/4"x 3"	7,015	N/A
167	HHUS46	(6) 0.148 x 1½"	590	255 / N/A
168	U46	H:14-16d/J:6-16d	1,550	N/A
181	HUS26	H:8-10d/J:4-10d	710	N/A
184	HUC28-2	20-16d	1,550	N/A
214	HUC212-3TF	H:14-16d/J:4-10d	1,085	N/A
215	HGUS210-2	HD:16-3/16"x1½" TAPCON BM: 6-16d	1,135	N/A
216	HUS412	HDR:46-16d/JST:10-16d	2,720	N/A
217	HUS212-2	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	3,240	N/A
219	MBHA412	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	2,630	N/A
220	N/A	H:1-ATR3/4X8 TOP&FACE JOIST: 18-10d	3,145	N/A
226	MBHA4.75/12	N/A	1,620	N/A
231	MBHA3.56/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	2,160	N/A
232	MBHA5.50/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
240	H16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
241	LGT2	R:2-10dx1½"/P:10-10dx1½"	1,470	480 / N/A
301	MGT	30-16d-sinker	2000	1015 / 440
302	HGT-2 or 3	(1) 5/8"BLTS./GIR: 22-10d	3,965	N/A
303	HGT-4	LTL:3/4"BLTS./GIR: 8-10d	6485	N/A
401	SUR/L414	LTL:3/4"BLTS./GIR: 16-10d	9,250	N/A
		FACE:18-16d/JST:8-16d	1,700	N/A
T	CONNECTORS TO BE SPECIFIED & PROVIDED BY TRUSS MANUFACTURERS			



WALL KEY

T.O. WALL 9'-4"

BEARING WALL 9'-4"

T.O. FRAME WALL 13'-4"

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.

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

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

LOT: 0000, COMMUNITY

2385 HAMPTON II

FLORIDA SERIES

S3.0B

REVISIONS

DATE	DATE
07-23-24	

DATE: 07-23-24

SCALE: AS NOTED

DRAWN: MR

SHEET:

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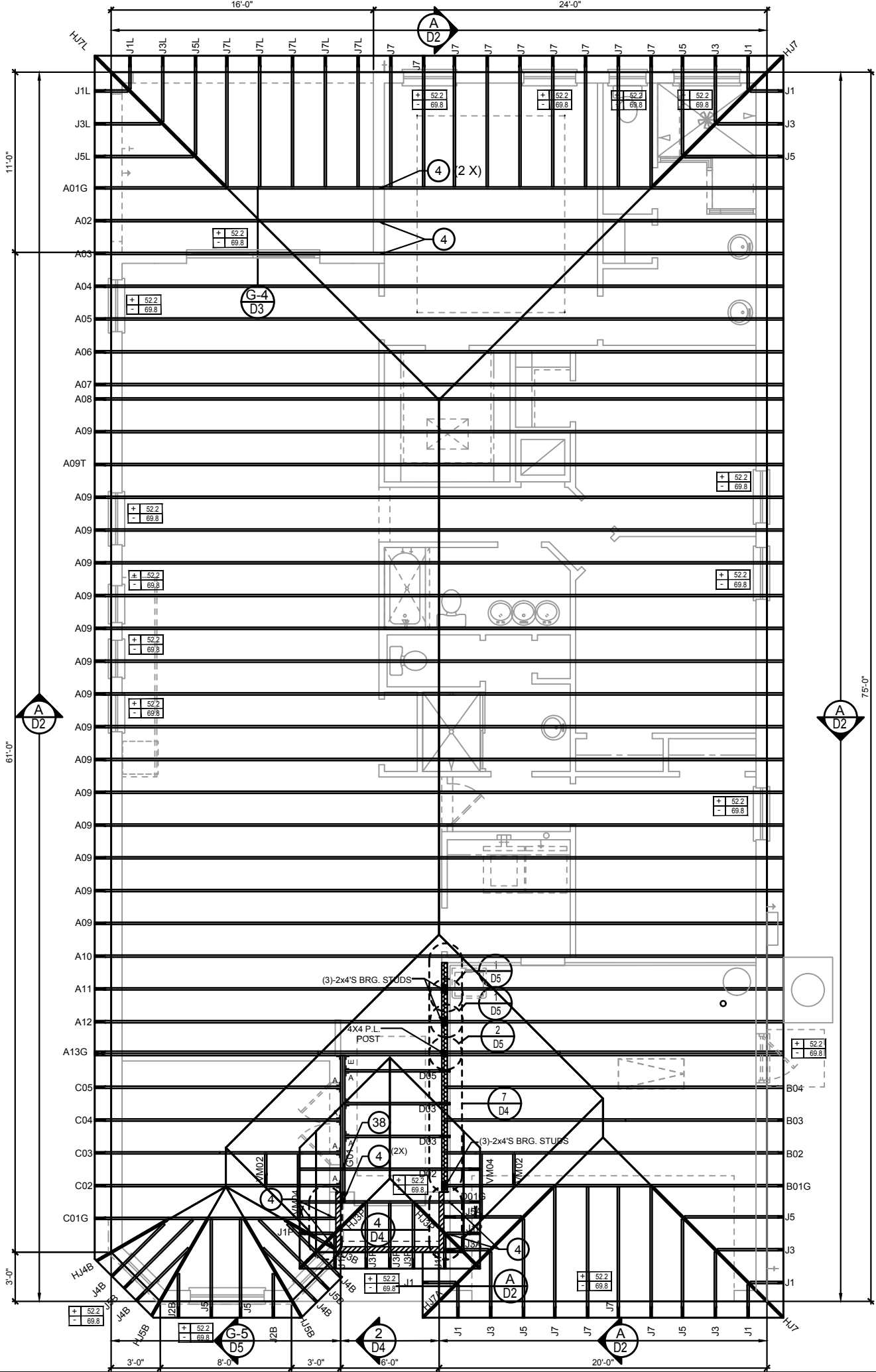
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CONNECTOR SCHEDULE

CONNECT. TYPE	SIMPSON		MAX. UPLIFT	LAT. LDS. F1 / F2
	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA16	9-10d x 1½"	1,810	65 / 960
5	DETAL20	18-10d x 1½"	2,480	2000/ 1370
20	H3	RFT: 4-8d / PLT: 4-8d	400	210 / 170
21	H1	RFT:6-8dx1½"/PLT:4-8d	480	510 / 165
22	H10S	RFT: 8-8d x 1½"	1010	660/550
		PLT: 8-8d x 1½"		
23	LUS26	HDR: 4-10d/JST: 4-10d	935	N/A
24	H7	RFT / TRS: 4-8d	985	400 / N/A
		PLT / STD: 10-8d		
26	H2.5	RFT:5-8d / PLT: 5-8d	415	150 / 150
34	A34	H:4-8dx1½"/P:4-8dx1½"	365	280 / 303
35	A35F	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
37	HTS16	14-10d	1,310	N/A
38	MTS16	14-10d	990	N/A
39	MTS30	14-10d	990	N/A
43	LSTA12	10-10d	905	N/A
45	ST18	14-16d	1,200	N/A
47	LSTA24	18-10d	1,295	N/A
71	MSTA36	26-10d	2,135	N/A
72	MSTC66	64-16d SINKERS	5,495	N/A
79	SP1	STD:6-10d / PLT:4-10d	535	560 / 260
80	SP2	STD:6-10d / PLT:6-10d	605	560 / 260
81	SPH4,6,8	12-10d x 1½"	885	N/A
90	ABU66	12-16d	2,240	N/A
89	CB66	(2) 7/8" BOLTS	2,300	985
92	ABU44	12-16d	2,200	N/A
93	AC6 (MAX)	28-16d	1,815	1,070
94	AC4 (MAX)	28-16d	1,815	1,070
95	HTS20	20-10d	1,450	N/A
96	HD8A	SILL: 7/8" BOLT STUD:(3) 7/8"x5½" BOLTS	7,910	N/A
97	MTSM16	BLOCK: 4-½"x2¼" TC JOIST : 7-10d	860	N/A
98	HTT4	SILL: 5/8" BOLT STRAP: 18-16d	4,235	N/A
99	A35	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
102	HTT5	5/8" BOLT/ 26-10d	4,275	N/A
103	VGTR/L	32-SDS½"x3"(2) 7/8" BLT	3,990	N/A
104	HDUE7-SDS3	5/8" BLT/ (13)-SDS 1/4"x 3"	7,015	N/A
110	HCP1.81	(6) 0.148 x 1½"	590	255 / N/A
167	HHUS46	H:14-16d/J:6-16d	1,550	N/A
168	U46	H:8-10d/J:4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H:14-16d/J:4-10d	1,085	N/A
214	HUC212-3TF	HD:16-3/16"x1½" TAPCON BM: 6-16d	1,135	N/A
215	HGUS210-2	HDR:46-16d/JST:10-16d	2,720	N/A
216	HUS412	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	2,630	N/A
219	MBHA412	H:1-ATR3/4X8 TOP&FACE JOIST: 18-10d	3,145	N/A
220	N/A	N/A	1,620	N/A
226	MBHA4.75/12	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	2,160	N/A
231	MBHA3.56/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
232	MBHA5.50/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
240	H16	R:2-10dx1½"/P:10-10dx1½"	1,470	480 / N/A
241	LGT2	30-16d-sinker	2000	1015 / 440
301	MGT	(1) 5/8"BLTS./GIR: 22-10d	3,965	N/A
302	HGT-2 or 3	LTL:3/4"BLTS./GIR: 8-10d	6485	N/A
303	HGT-4	LTL:3/4"BLTS./GIR: 16-10d	9,250	N/A
401	SUR/L414	FACE:18-16d/JST:8-16d	1,700	N/A
T	CONNECTORS TO BE SPECIFIED & PROVIDED BY TRUSS MANUFACTURERS			



WALL KEY

T.O. WALL 9'-4"

BEARING WALL 9'-4"

T.O. FRAME WALL 12'-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

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LOT: 0000, COMMUNITY

2385 HAMPTON II

ROOF FRAMING PLAN

FLORIDA SERIES

REVISIONS

DATE: 07-23-24

SCALE: AS NOTED

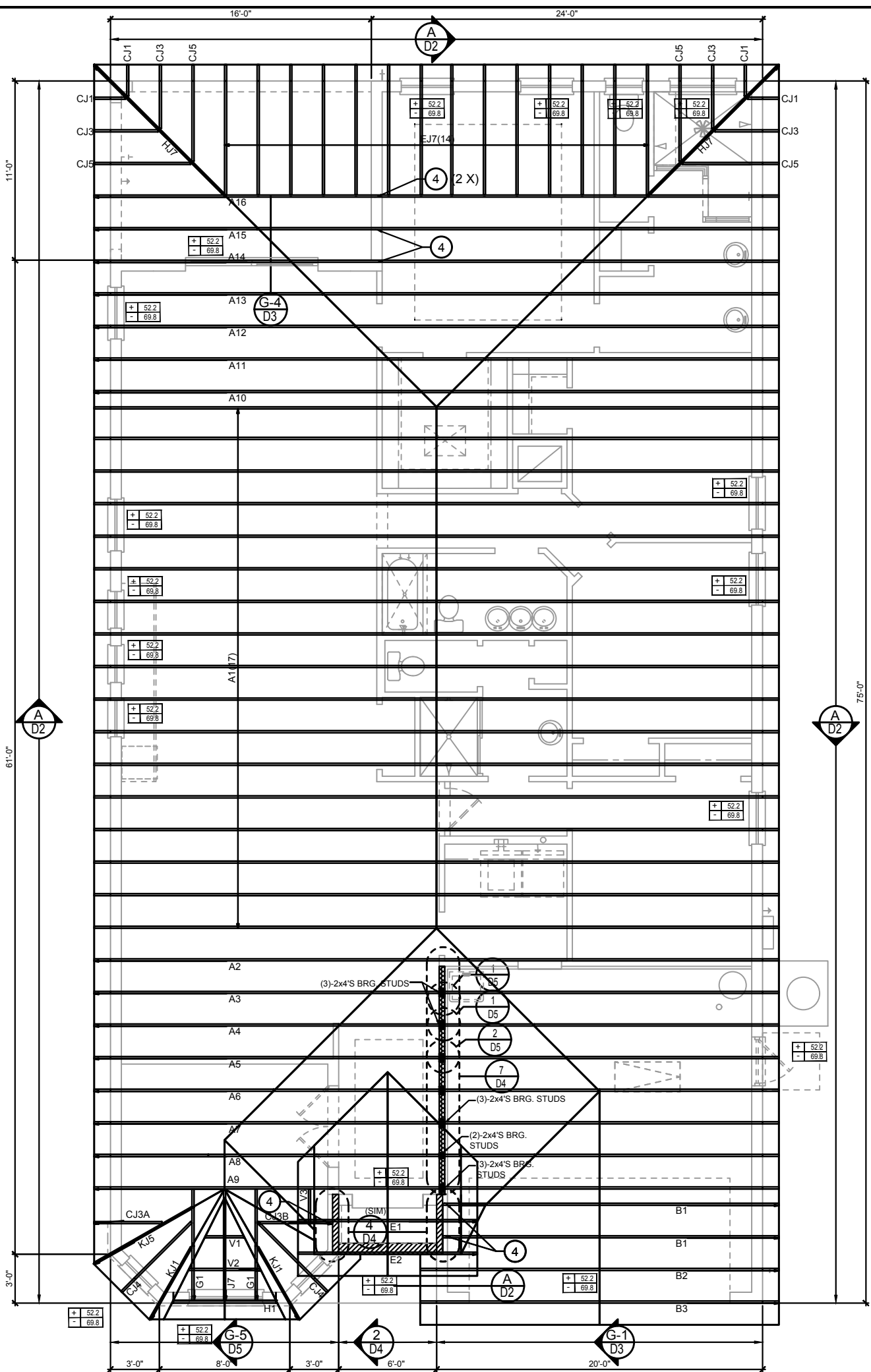
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SHEET: S3

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WALL KEY

T.O. WALL 9'-4"

T.O. FRAME WALL 12'-8"

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SEE PLAN DESIGN WIND PRESSURE

ULTIMATE DESIGNED POSITIVE PRESSURE

ULTIMATE DESIGNED NEGATIVE PRESSURE

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A DIVISION OF PARK SQUARE ENTERPRISES, INC.
6200 Vineland Road, Suite 200
Orlando, Florida 32811
Phone (407) 784-1780
www.hiteg.com

Park Square HOMES

ROOF FRAMING PLAN

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

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SCALE: AS NOTED

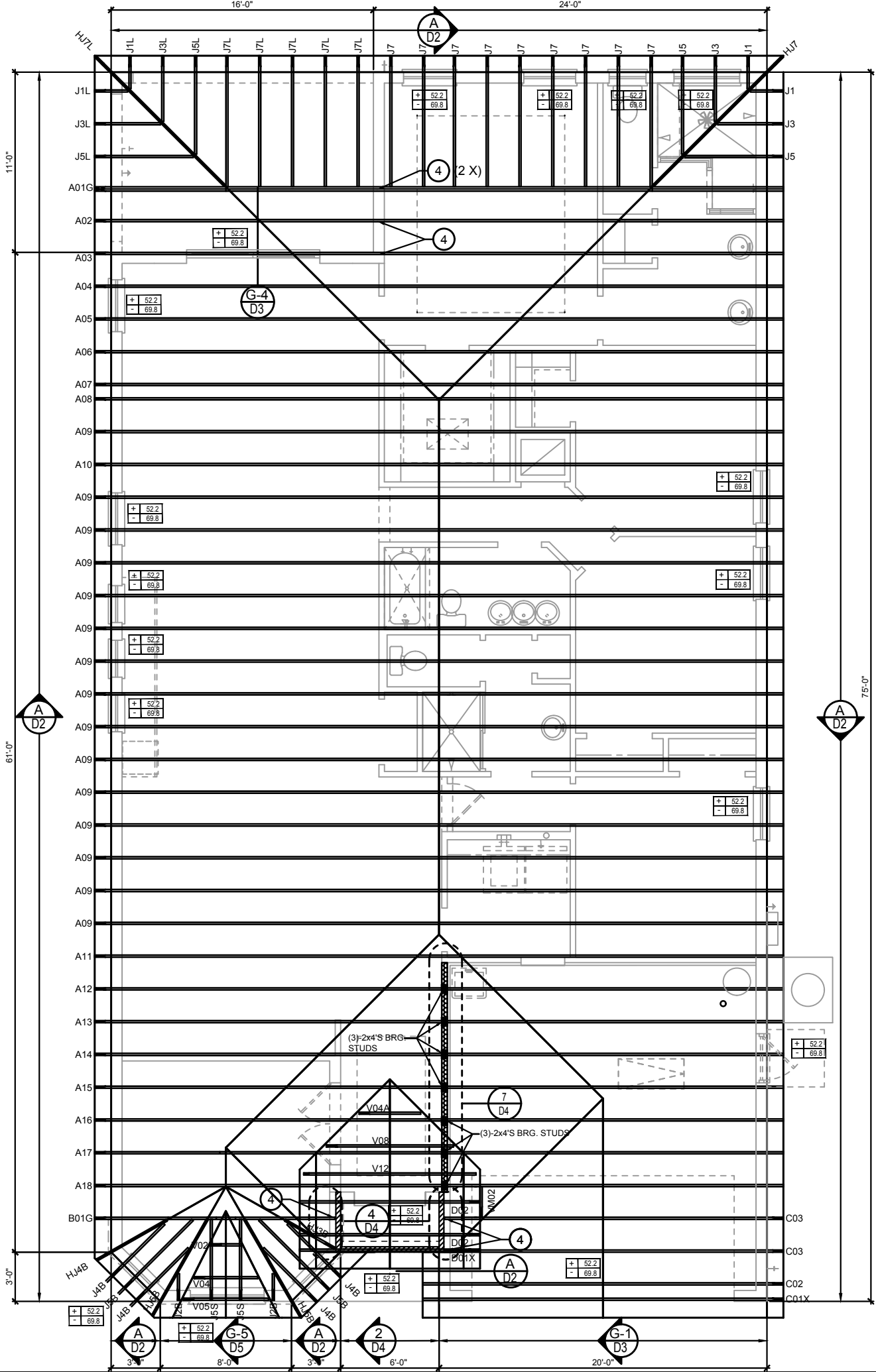
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		PLT: 8-8d x 1½"		
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24	H7	RFT / TRS: 4-8d	985	400 / N/A
		PLT / STD: 10-8d		
26	H2.5	RFT:5-8d / PLT: 5-8d	415	150 / 150
34	A34	H:4-8dx1½"/P:4-8dx1½"	365	280 / 303
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39	MTS30	14-10d	990	N/A
43	LSTA12	10-10d	905	N/A
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167	HHUS46	H:14-16d/J:6-16d	1,550	N/A
168	U46	H:8-10d/J:4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H:14-16d/J:4-10d	1,085	N/A
214	HUC212-3TF	HD:16-3/16"x1½" TAPCON BM: 6-16d	1,135	N/A
215	HGUS210-2	HDR:46-16d/JST:10-16d	2,720	N/A
216	HUS412	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	2,630	N/A
219	MBHA412	H:1-ATR3/4X8 TOP&FACE JOIST: 18-10d	3,145	N/A
220	N/A	N/A	1,620	N/A
226	MBHA4.75/12	HDR : (2) 3/4" ϕ x 8" JOIST : 18-10d	2,160	N/A
231	MBHA3.56/16	HDR : (2) 3/4" ϕ x 8" JOIST : 18-10d	3,450	N/A
232	MBHA5.50/16	HDR : (2) 3/4" ϕ x 8" JOIST : 18-10d	3,450	N/A
240	H16	R:2-10dx1½"/P:10-10dx1½"	1,470	480 / N/A
241	LGT2	30-16d-sinker	2000	1015 / 440
301	MGT	(1) 5/8"BLTS./GIR: 22-10d	3,965	N/A
302	HGT-2 or 3	LTL:3/4"BLTS./GIR: 8-10d	6485	N/A
303	HGT-4	LTL:3/4"BLTS./GIR: 16-10d	9,250	N/A
401	SUR/L414	FACE:18-16d/JST:8-16d	1,700	N/A
T	CONNECTORS TO BE SPECIFIED & PROVIDED BY TRUSS MANUFACTURERS			



WALL KEY

T.O. WALL 9'-4"

T.O. FRAME WALL 12'-0"

COMPONENT & CLADDING DESIGN WIND PRESSURES

SEE PLAN DESIGN WIND PRESSURE

ULTIMATE DESIGNED POSITIVE PRESSURE
ULTIMATE DESIGNED NEGATIVE PRESSURE

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

FIELD REPAIR NOTES

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

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

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

NOTES

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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 TPW/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.

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

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

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

LOT: 0000, COMMUNITY

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Orlando, Florida 32811
Phone (407) 659 - 3000

Park Square HOMES

ROOF FRAMING PLAN

2385 HAMPTON II

FLORIDA SERIES

REVISIONS

DELTA #	DATE

DATE: 07-23-24

SCALE: AS NOTED

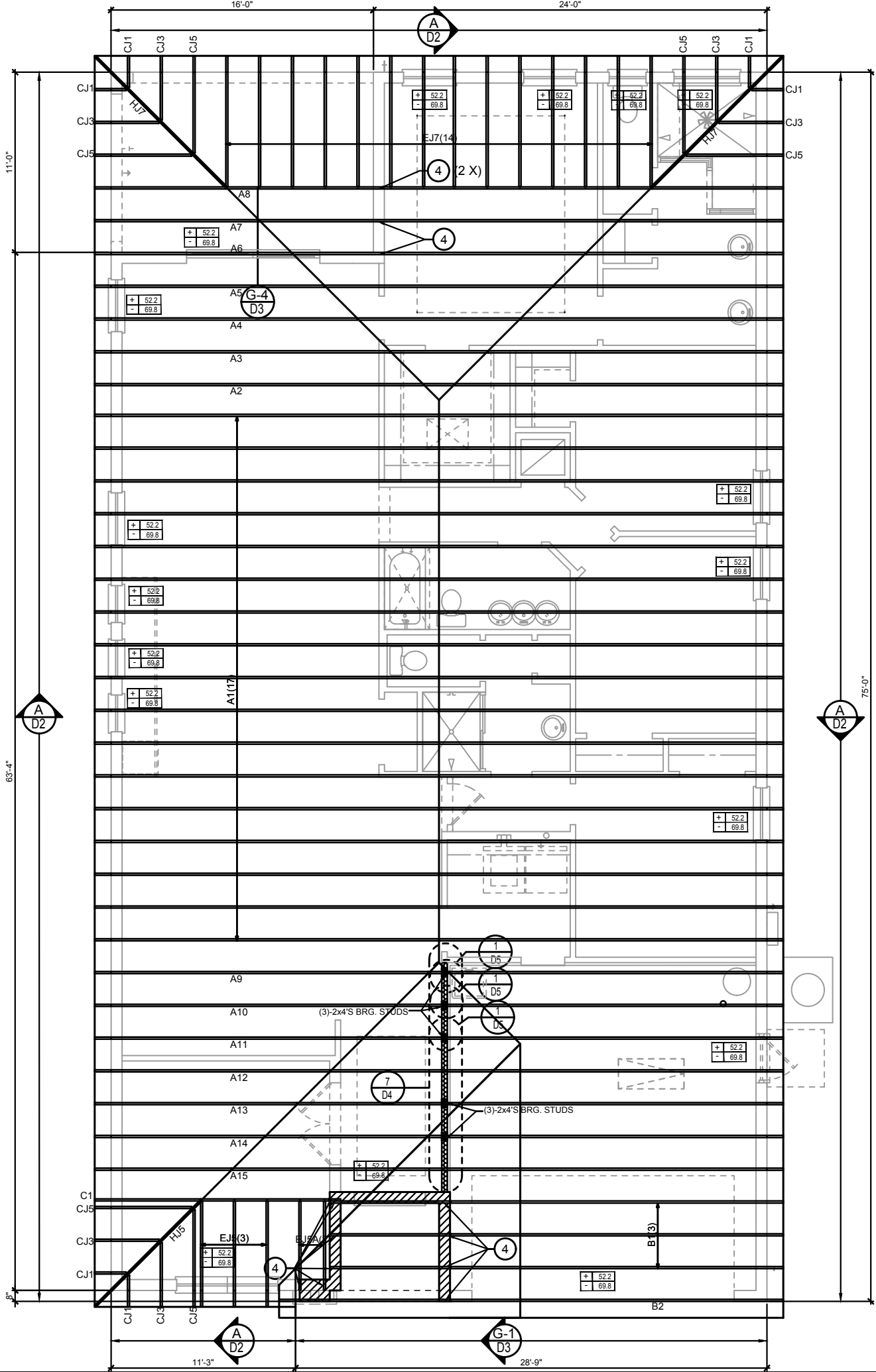
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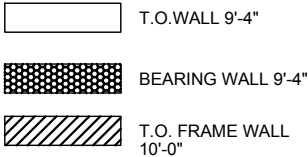
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CONNECTOR SCHEDULE

CONNECT. TYPE	SIMPSON		MAX. UPLIFT	LAT. LDS. F1 / F2
	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA16	9-10d x 1½"	1,810	65 / 960
5	DETAL20	18-10d x 1½"	2,480	2000/ 1370
20	H3	RFT: 4-8d / PLT: 4-8d	400	210 / 170
21	H1	RFT:6-8dx1½"/PLT:4-8d	480	510 / 165
22	H10S	RFT: 8-8d x 1½"	1010	660/550
		PLT: 8-8d x 1½"		
23	LUS26	HDR: 4-10d/JST: 4-10d	935	N/A
24	H7	RFT / TRS: 4-8d	985	400 / N/A
		PLT / STD: 10-8d		
26	H2.5	RFT:5-8d / PLT: 5-8d	415	150 / 150
34	A34	H:4-8dx1½"/P:4-8dx1½"	365	280 / 303
35	A35F	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
37	HTS16	14-10d	1,310	N/A
38	MTS16	14-10d	990	N/A
39	MTS30	14-10d	990	N/A
43	LSTA12	10-10d	905	N/A
45	ST18	14-16d	1,200	N/A
47	LSTA24	18-10d	1,295	N/A
71	MSTA36	26-10d	2,135	N/A
72	MSTC66	64-16d SINKERS	5,495	N/A
79	SP1	STD:6-10d / PLT:4-10d	535	560 / 260
80	SP2	STD:6-10d / PLT:6-10d	605	560 / 260
81	SPH4,6,8	12-10d x 1½"	885	N/A
90	ABU66	12-16d	2,240	N/A
89	CB66	(2) 7/8" BOLTS	2,300	985
92	ABU44	12-16d	2,200	N/A
93	AC6 (MAX)	28-16d	1,815	1,070
94	AC4 (MAX)	28-16d	1,815	1,070
95	HTS20	20-10d	1,450	N/A
96	HD8A	SILL: 7/8" BOLT STUD:(3) 7/8"X5½" BOLTS	7,910	N/A
97	MTSM16	BLOCK: 4-½"X2¼" TC JOIST : 7-10d	860	N/A
98	HTT4	SILL: 5/8" BOLT STRAP: 18-16d	4,235	N/A
99	A35	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
102	HTT5	5/8" BOLT/ 26-10d	4,275	N/A
103	VGTR/L	32-SDS½"X3"/(2) 7/8" BLT	3,990	N/A
104	HDUE7-SDS3	5/8" BLT/ (13)-SDS 1/4"X 3"	7,015	N/A
110	HCP1.81	(6) 0.148 x 1½"	590	255 / N/A
167	HHUS46	H:14-16d/J:6-16d	1,550	N/A
168	U46	H:8-10d/J:4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H:14-16d/J:4-10d	1,085	N/A
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401	SUR/L414	FACE:18-16d/JST:8-16d	1,700	N/A
T	CONNECTORS TO BE SPECIFIED & PROVIDED BY TRUSS MANUFACTURERS			



WALL KEY



COMPONENT & CLADDING DESIGN WIND PRESSURES

SEE PLAN DESIGN WIND PRESSURE

+	XXX	ULTIMATE DESIGNED POSITIVE PRESSURE
-	XXX	ULTIMATE DESIGNED NEGATIVE PRESSURE

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NOTES

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

LOT: 0000, COMMUNITY

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ENTERPRISES, INC.
6200 Vineland Road, Suite 200
Orlando, Florida 32811
Phone (407) 659 - 3000

Park Square
HOMES

ROOF FRAMING PLAN

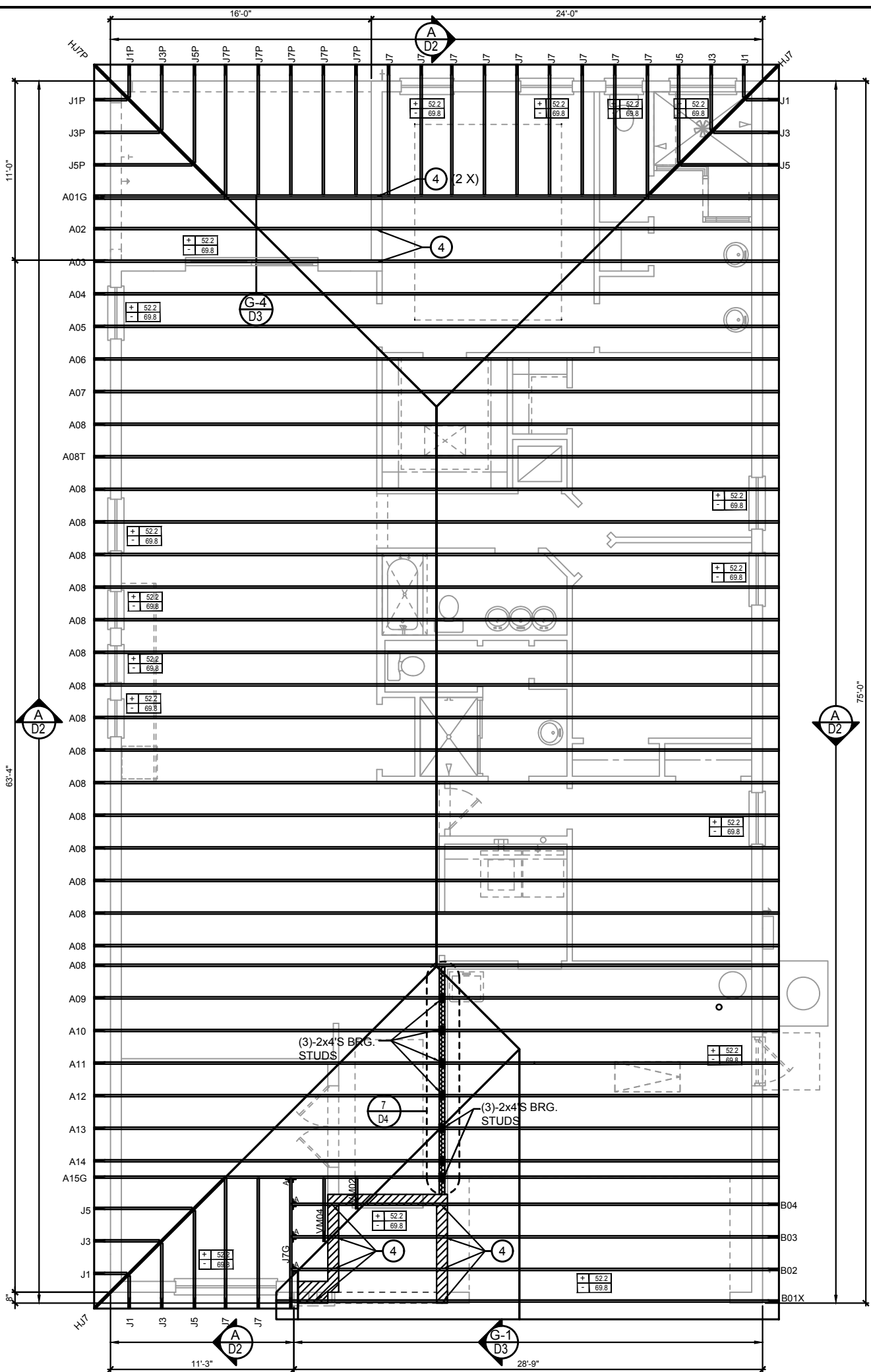
2385 HAMPTON II
FLORIDA SERIES

REVISIONS	
DATE	DATE
DATE: 07-23-24	
SCALE: AS NOTED	
DRAWN: MR	
SHEET:	
S3.0D	

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CONNECTOR SCHEDULE

CONNECT. TYPE	SIMPSON		MAX. UPLIFT	LAT. LDS. F1 / F2
	DESCRIPTION	FASTENERS PER CONNECTOR		
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26	H2.5	RFT:5-8d / PLT: 5-8d	415	150 / 150
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38	MTS16	14-10d	990	N/A
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47	LSTA24	18-10d	1,295	N/A
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401	SUR/L414	FACE:18-16d/JST:8-16d	1,700	N/A
T	CONNECTORS TO BE SPECIFIED & PROVIDED BY TRUSS MANUFACTURERS			



WALL KEY	
	T.O. WALL 9'-4"
	BEARING WALL 9'-4"
	T.O. FRAME WALL 10'-0"

COMPONENT & CLADDING DESIGN WIND PRESSURES	
SEE PLAN DESIGN WIND PRESSURE	
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NOTE: DESIGN PRESSURES BASED ULTIMATE WIND SPEED TO OBTAIN NOMINAL "ASD" WIND PRESSURES MULTIPLY VALUES SHOWN BY A FACTOR OF 0.6	

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ROOF FRAMING PLAN
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Park Square HOMES

ROOF FRAMING PLAN

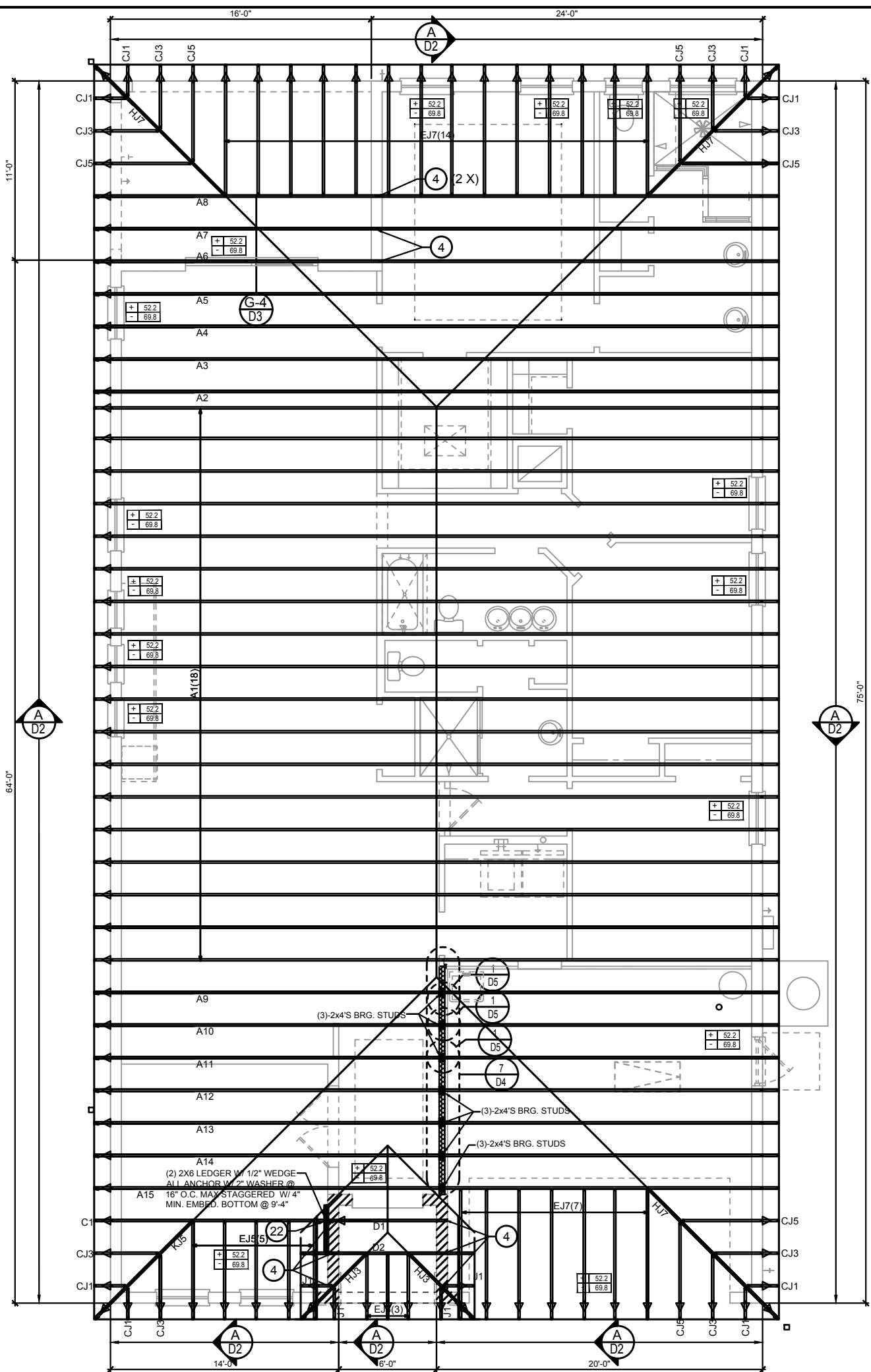
2385 HAMPTON II
FLORIDA SERIES

REVISIONS	
DELTA #	DATE
DATE:	07-23-24
SCALE:	AS NOTED
DRAWN:	MR
SHEET:	S3.0D

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CONNECTOR SCHEDULE

CONNECT. TYPE	SIMPSON		MAX. UPLIFT	LAT. LDS. F1 / F2
	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA16	9-10d x 1½"	1,810	65 / 960
5	DETAL20	18-10d x 1½"	2,480	2000/ 1370
20	H3	RFT: 4-8d / PLT: 4-8d	400	210 / 170
21	H1	RFT:6-8dx1½"/PLT:4-8d	480	510 / 165
22	H10S	RFT: 8-8d x 1½"	1010	660/550
23	LUS26	PLT: 8-8d x 1½"		
24	LUS26	HDR: 4-10d/JST: 4-10d	935	N/A
24	H7	RFT / TRS: 4-8d	985	400 / N/A
26	H2.5	PLT / STD: 10-8d		
34	A34	RFT:5-8d / PLT: 5-8d	415	150 / 150
35	A35F	H:4-8dx1½"/P:4-8dx1½"	365	280 / 303
37	HTS16	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
38	HTS16	14-10d	1,310	N/A
39	MTS16	14-10d	990	N/A
43	MTS30	14-10d	990	N/A
45	LSTA12	10-10d	905	N/A
47	ST18	14-16d	1,200	N/A
71	LSTA24	18-10d	1,295	N/A
72	MSTA36	26-10d	2,135	N/A
79	MSTC66	64-16d SINKERS	5,495	N/A
79	SP1	STD:6-10d / PLT:4-10d	535	560 / 260
80	SP2	STD:6-10d / PLT:6-10d	605	560 / 260
81	SPH4,6,8	12-10d x 1½"	885	N/A
90	ABU66	12-16d	2,240	N/A
89	CB66	(2) 7/8" BOLTS	2,300	985
92	ABU44	12-16d	2,200	N/A
93	AC6 (MAX)	28-16d	1,815	1,070
94	AC4 (MAX)	28-16d	1,815	1,070
95	HTS20	20-10d	1,450	N/A
96	HD8A	SILL: 7/8" BOLT STUD:(3) 7/8"x5½" BOLTS	7,910	N/A
97	MTSM16	BLOCK: 4-½"x2¼" TC JOIST : 7-10d	860	N/A
98	HTT4	SILL: 5/8" BOLT STRAP: 18-16d	4,235	N/A
99	A35	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
102	HTT5	5/8" BOLT/ 26-10d	4,275	N/A
103	VGTR/L	32-SDS½"x3"/(2) 7/8" BLT	3,990	N/A
104	HDUE7-SDS3	5/8" BLT/ (13)-SDS 1/4"x 3"	7,015	N/A
110	HCP1.81	(6) 0.148 x 1½"	590	255 / N/A
167	HHUS46	H:14-16d/J:6-16d	1,550	N/A
168	U46	H:8-10d/J:4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H:14-16d/J:4-10d	1,085	N/A
214	HUC212-3TF	HD:16-3/16"x1½" TAPCON BM: 6-16d	1,135	N/A
215	HGUS210-2	HDR:46-16d/JST:10-16d	2,720	N/A
216	HUS412	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	2,630	N/A
219	MBHA412	H:1-ATR3/4X8 TOP&FACE JOIST: 18-10d	3,145	N/A
220	N/A	N/A	1,620	N/A
226	MBHA4.75/12	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	2,160	N/A
231	MBHA3.56/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
232	MBHA5.50/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
240	H16	R:2-10dx1½"/P:10-10dx1½"	1,470	480 / N/A
241	LGT2	30-16d-sinker	2000	1015 / 440
301	MGT	(1) 5/8"BLTS./GIR: 22-10d	3,965	N/A
302	HGT-2 or 3	LTL:3/4"BLTS./GIR: 8-10d	6485	N/A
303	HGT-4	LTL:3/4"BLTS./GIR: 16-10d	9,250	N/A
401	SUR/L414	FACE:18-16d/JST:8-16d	1,700	N/A
T	CONNECTORS TO BE SPECIFIED & PROVIDED BY TRUSS MANUFACTURERS			



WALL KEY

T.O. WALL 9'-4"

BEARING WALL 9'-4"

T.O. FRAME WALL 12'-0"

COMPONENT & CLADDING DESIGN WIND PRESSURES

SEE PLAN DESIGN WIND PRESSURE

ULTIMATE DESIGNED POSITIVE PRESSURE

ULTIMATE DESIGNED NEGATIVE PRESSURE

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

FIELD REPAIR NOTES

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

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

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

NOTES

1. TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.

2. TYPICAL ROOF EAVES OVERHANG TO BE 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 TPW/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
E (STANDARD)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x37)

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

LOT: 0000, COMMUNITY

2385 HAMPTON II

ROOF FRAMING PLAN

FLORIDA SERIES

REVISIONS

DELTA #	DATE
01	23-24

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SCALE: AS NOTED

DRAWN: MR

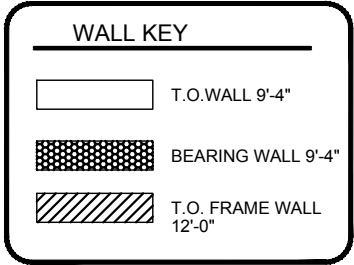
SHEET: S3.0E

ITEG
THOMPSON ENGINEERING GROUP, INC.
A DIVISION OF PARK SQUARE ENTERPRISES, INC.
6200 Vineland Road, Suite 200
Orlando, Florida 32811
Tel: (407) 784-1780
Fax: (407) 784-1780
www.iteg.com

Park Square HOMES

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		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		
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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

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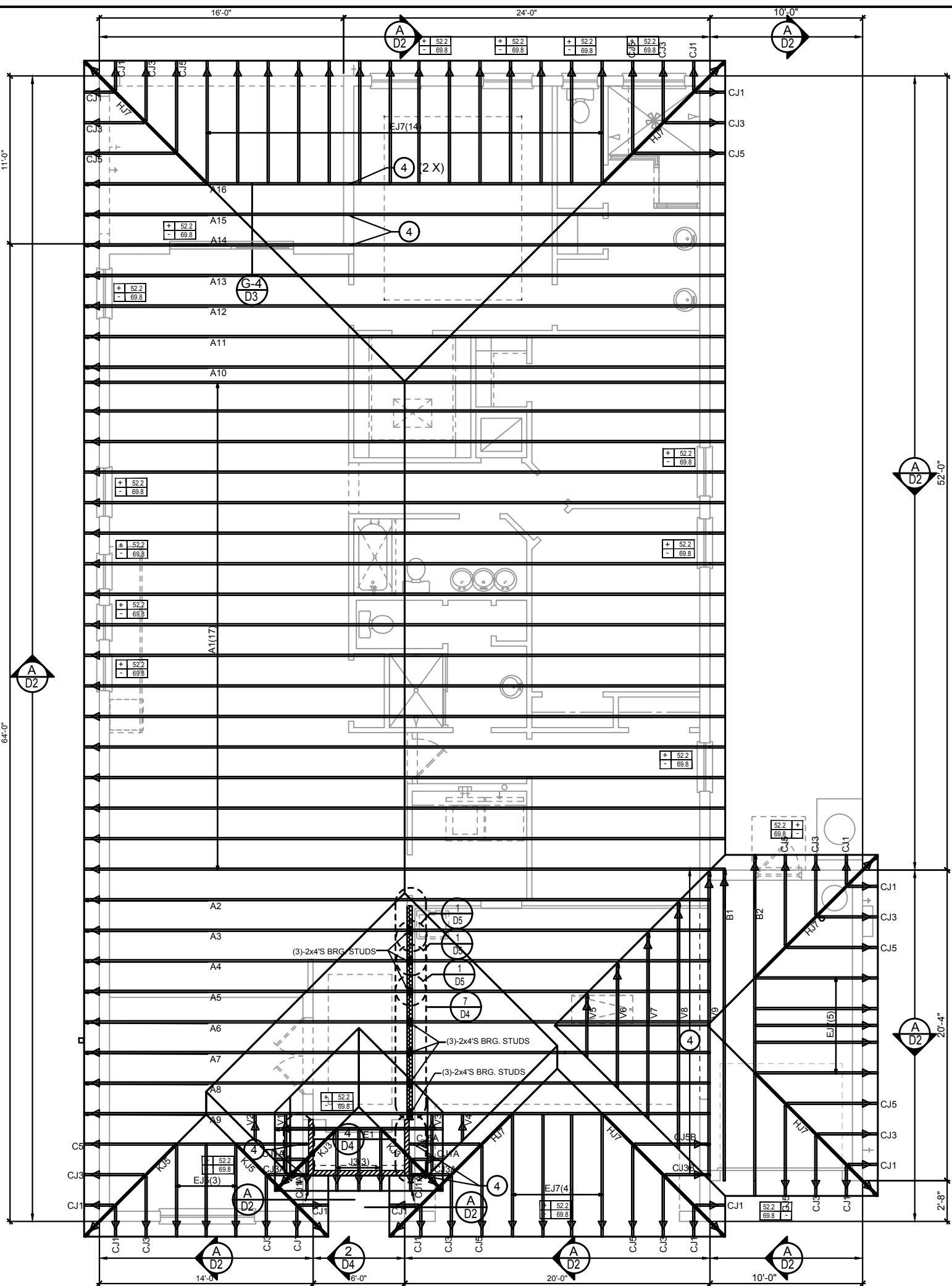
LOT: 0000, COMMUNITY

ITTEG		A DIVISION OF PARK SQUARE ENTERPRISES, INC.		THOMPSON ENGINEERING GROUP, INC. 4601 West Lake Road Suite A2 Orlando, FL 32811 Tel: (407) 754-1730 Fax: (407) 754-1730 www.itteg.com	
		Park Square HOMES			
		ROOF FRAMING PLAN			
2385 HAMPTON II					
FLORIDA SERIES					
REVISIONS					
DELTA #	DATE				
DATE:		07-23-08			
SCALE:		A5 NOTE			
DRAWN:		T			
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24	H7	HDR: 4-10d/JST: 4-10d	935	N/A
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T	CONNECTORS TO BE SPECIFIED & PROVIDED BY TRUSS MANUFACTURERS			



WALL KEY

T.O. WALL 9'-4"

BEARING WALL 9'-4"

T.O. FRAME WALL 12'-8"

COMPONENT & CLADDING DESIGN WIND PRESSURES

SEE PLAN DESIGN WIND PRESSURE

ULTIMATE DESIGNED POSITIVE PRESSURE

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

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

ROOF FRAMING PLAN
A (3-CAR GARAGE)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x37)

LOT: 0000, COMMUNITY

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ROOF FRAMING PLAN

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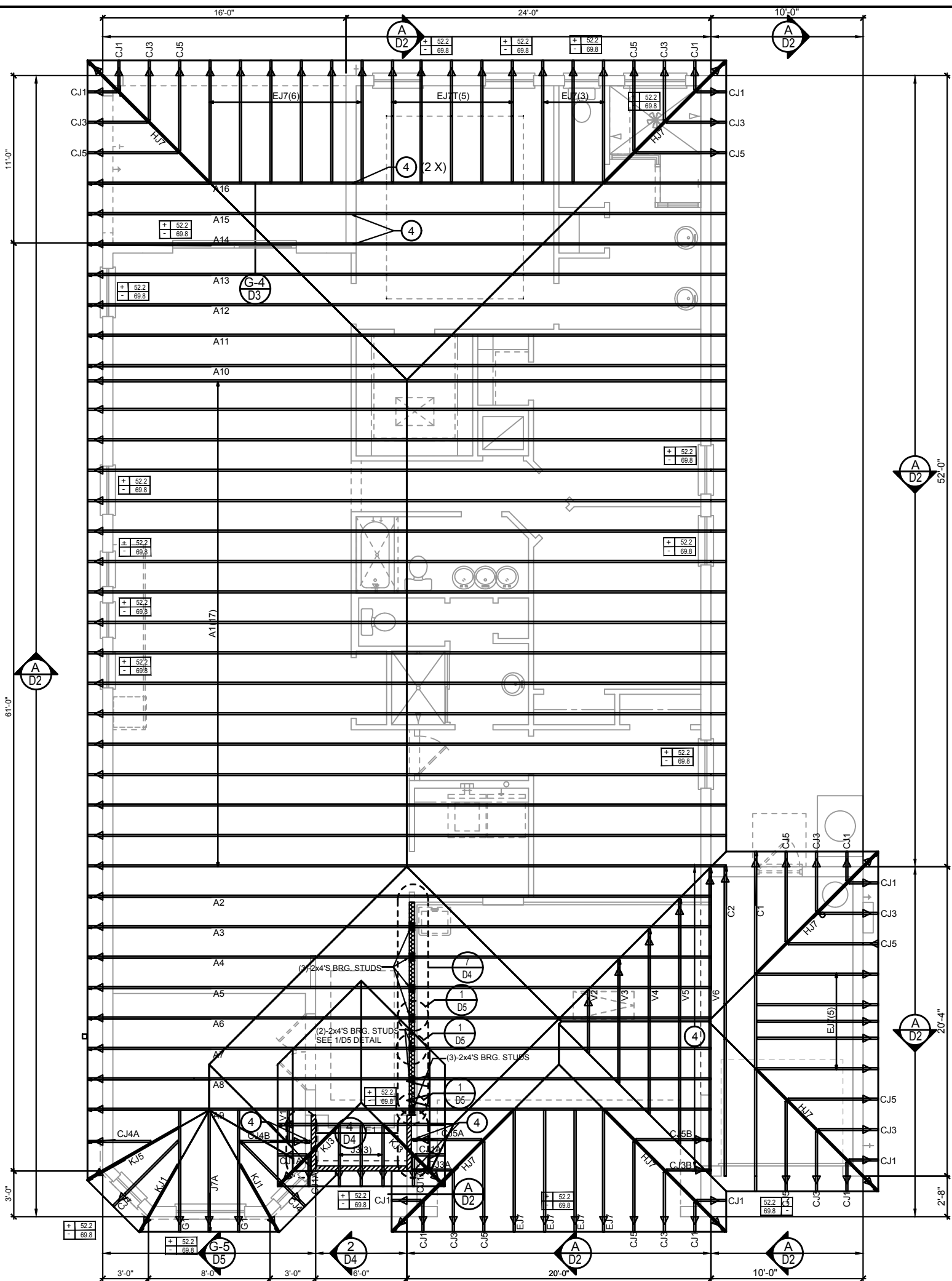
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CONNECTOR SCHEDULE

CONNECT. TYPE	SIMPSON		MAX. UPLIFT	LAT. LDS. F1 / F2
	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA16	9-10d x 1½"	1,810	65 / 960
5	DETAL20	18-10d x 1½"	2,480	2000/ 1370
20	H3	RFT: 4-8d / PLT: 4-8d	400	210 / 170
21	H1	RFT:6-8dx1½"/PLT:4-8d	480	510 / 165
22	H10S	RFT: 8-8d x 1½"	1010	660/550
23	LUS26	HDR: 4-10d/JST: 4-10d	935	N/A
24	H7	RFT / TRS: 4-8d PLT / STD: 10-8d	985	400 / N/A
26	H2.5	RFT:5-8d / PLT: 5-8d	415	150 / 150
34	A34	H:4-8dx1½"/P:4-8dx1½"	365	280 / 303
35	A35F	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
37	HTS16	14-10d	1,310	N/A
38	MTS16	14-10d	990	N/A
39	MTS30	14-10d	990	N/A
43	LSTA12	10-10d	905	N/A
45	ST18	14-16d	1,200	N/A
47	LSTA24	18-10d	1,295	N/A
71	MSTA36	26-10d	2,135	N/A
72	MSTC66	64-16d SINKERS	5,495	N/A
79	SP1	STD:6-10d / PLT:4-10d	535	560 / 260
80	SP2	STD:6-10d / PLT:6-10d	605	560 / 260
81	SPH4,6,8	12-10d x 1½"	885	N/A
90	ABU66	12-16d	2,240	N/A
89	CB66	(2) 7/8" BOLTS	2,300	985
92	ABU44	12-16d	2,200	N/A
93	AC6 (MAX)	28-16d	1,815	1,070
94	AC4 (MAX)	28-16d	1,815	1,070
95	HTS20	20-10d	1,450	N/A
96	HD8A	SILL: 7/8" BOLT STUD:(3) 7/8"x5½" BOLTS	7,910	N/A
97	MTSM16	BLOCK: 4-¼"x2½" TC JOIST : 7-10d	860	N/A
98	HTT4	SILL: 5/8" BOLT STRAP: 18-16d	4,235	N/A
99	A35	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
102	HTT5	5/8" BOLT/ 26-10d	4,275	N/A
103	VGTR/L	32-SDS½"x3"/(2) 7/8" BLT	3,990	N/A
104	HDUE7-SDS3	5/8" BLT/ (13)-SDS 1/4"x 3"	7,015	N/A
110	HCP1.81	(6) 0.148 x 1½"	590	255 / N/A
167	HHUS46	H:14-16d/J:6-16d	1,550	N/A
168	U46	H:8-10d/J:4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H:14-16d/J:4-10d	1,085	N/A
214	HUC212-3TF	HD:16-3/16"x1½" TAPCON BM: 6-16d	1,135	N/A
215	HGUS210-2	HDR:46-16d/JST:10-16d	2,720	N/A
216	HUS412	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	2,630	N/A
219	MBHA412	H:1-ATR3/4X8 TOP&FACE JOIST: 18-10d	3,145	N/A
220	N/A	N/A	1,620	N/A
226	MBHA4.75/12	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	2,160	N/A
231	MBHA3.56/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
232	MBHA5.50/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
240	H16	R:2-10dx1½"/P:10-10dx1½"	1,470	480 / N/A
241	LGT2	30-16d-sinker	2000	1015 / 440
301	MGT	(1) 5/8"BLTS./GIR: 22-10d	3,965	N/A
302	HGT-2 or 3	LTL:3/4"BLTS./GIR: 8-10d	6485	N/A
303	HGT-4	LTL:3/4"BLTS./GIR: 16-10d	9,250	N/A
401	SUR/L414	FACE:18-16d/JST:8-16d	1,700	N/A
T	CONNECTORS TO BE SPECIFIED & PROVIDED BY TRUSS MANUFACTURERS			



WALL KEY

- T.O. WALL 9'-4"
- BEARING WALL 9'-4"
- T.O. FRAME WALL 12'-8"

COMPONENT & CLADDING DESIGN WIND PRESSURES

SEE PLAN DESIGN WIND PRESSURE

ULTIMATE DESIGNED POSITIVE PRESSURE
ULTIMATE DESIGNED NEGATIVE PRESSURE

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

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ROOF FRAMING PLAN
B (3-CAR GAR. BAY WINDOW)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x37)

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2385 HAMPTON II

ROOF FRAMING PLAN

FLORIDA SERIES

S3.1

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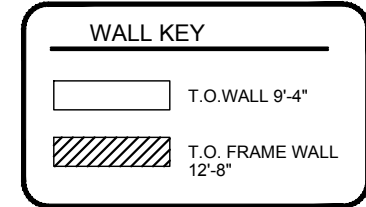
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CONNECT. TYPE	SIMPSON		MAX. UPLIFT	LAT. LDS. F1 / F2
	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA16	9-10d x 1½"	1,810	65 / 960
5	DETAL20	18-10d x 1½"	2,480	2000/ 1370
20	H3	RFT: 4-8d / PLT: 4-8d	400	210 / 170
21	H1	RFT:6-8dx1½"/PLT:4-8d	480	510 / 165
22	H10S	RFT: 8-8d x 1½"	1010	660/550
		PLT: 8-8d x 1½"		
23	LUS26	HDR: 4-10d/JST: 4-10d	935	N/A
24	H7	RFT / TRS: 4-8d	985	400 / N/A
		PLT / STD: 10-8d		
26	H2.5	RFT:5-8d / PLT: 5-8d	415	150 / 150
34	A34	H:4-8dx1½"/P:4-8dx1½"	365	280 / 303
35	A35F	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
37	HTS16	14-10d	1,310	N/A
38	MTS16	14-10d	990	N/A
39	MTS30	14-10d	990	N/A
43	LSTA12	10-10d	905	N/A
45	ST18	14-16d	1,200	N/A
47	LSTA24	18-10d	1,295	N/A
71	MSTA36	26-10d	2,135	N/A
72	MSTC66	64-16d SINKERS	5,495	N/A
79	SP1	STD:6-10d / PLT:4-10d	535	560 / 260
80	SP2	STD:6-10d / PLT:6-10d	605	560 / 260
81	SPH4,6,8	12-10d x 1½"	885	N/A
90	ABU66	12-16d	2,240	N/A
89	CB66	(2) 7/8" BOLTS	2,300	985
92	ABU44	12-16d	2,200	N/A
93	AC6 (MAX)	28-16d	1,815	1,070
94	AC4 (MAX)	28-16d	1,815	1,070
95	HTS20	20-10d	1,450	N/A
96	HD8A	SILL: 7/8" BOLT STUD:(3) 7/8"x5½" BOLTS	7,910	N/A
97	MTSM16	BLOCK: 4-¼"x2½" TC JOIST : 7-10d	860	N/A
98	HTT4	SILL: 5/8" BOLT STRAP: 18-16d	4,235	N/A
99	A35	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
102	HTT5	5/8" BOLT/ 26-10d	4,275	N/A
103	VGTRL	32-SDS½"x3"/(2) 7/8" BLT	3,990	N/A
104	HDUE7-SDS3	5/8" BLT/ (13)-SDS 1/4"x 3"	7,015	N/A
110	HCP1.81	(6) 0.148 x 1½"	590	255 / N/A
167	HHUS46	H:14-16d/J:6-16d	1,550	N/A
168	U46	H:8-10d/J:4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H:14-16d/J:4-10d	1,085	N/A
214	HUC212-3TF	HD:16-3/16"x1½" TAPCON BM: 6-16d	1,135	N/A
215	HGUS210-2	HDR:46-16d/JST:10-16d	2,720	N/A
216	HUS412	BLOCK: 10-½"x1½" TC JOIST : 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-½"x1½" TC JOIST : 10-16d	2,630	N/A
219	MBHA412	H:1-ATR3/4X8 TOP&FACE JOIST: 18-10d	3,145	N/A
220	N/A	N/A	1,620	N/A
226	MBHA4.75/12	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	2,160	N/A
231	MBHA3.56/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
232	MBHA5.50/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
240	H16	R:2-10dx1½"/P:10-10dx1½"	1,470	480 / N/A
241	LG12	30-16d-sinker	2000	1015 / 440
301	MG1	(1) 5/8"BLTS/GIR: 22-10d	3,965	N/A
302	HGT-2 or 3	LTL:3/4"BLTS./GIR: 8-10d	6485	N/A
303	HGT-4	LTL:3/4"BLTS./GIR: 16-10d	9,250	N/A
401	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 FIGHTING 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 EPI 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 FLATES 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 SIZED BY TRUSS MANUFACTURER OR FL. REG. ENG.
5. TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTC A BC51 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 PER FBC 2023, 8TH EDITION R905.1.1 UNDERLAYMENT MATERIALS REQUIRED TO COMPLY WITH ASTM D228, 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.

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THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 7TH EDITION, FBCE 2023 (WIND LOAD @ 145 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

- WINDOWS, DOORS, AND GARAGE DOORS TO BE DESIGNED TO MEET FBCE SECTION R301
- 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.
- CONCRETE MASONRY UNITS SHALL MEET: CH. 1-3 OF ACI 530-02/ ASCE 5-02/TMS 402-02 OR BIA BUILDING CODE REQUIREMENTS.
- MORTAR TO BE TYPE "M" OR "S", GROUT - 2,500 PSI @ 28 DAYS.
- MASONRY CLEAN OUTS REQUIRED @ GROUT GREATER THAN FIVE (5) FEET IN HEIGHT AND ALL VERTICALS.
- 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"
- GYP. BD. CEILING SHALL BE INSTALLED PERP. TO FRAMING & NAILED @ 7" O.C. WITH 5d NAILS. GYP. BD. WALLS SHALL BE NAILED @8" O.C. WITH 5d NAILS
- UPLIFT CONNECTOR'S TO PROVIDE CONTINUITY FROM ROOF TRUSSES THRU PLATES TO SLAB AND FOUNDATION PER ENCLOSED DETAILS.
- EPOXY ANCHOR ALTERNATIVE:
THREADED ANCHOR ROD MAY BE USED IN LIEU OF ANCHOR BOLTS FOR USE AS PLATE ANCHORS OR HURRICANE ANCHORS.
THE FOLLOWING CRITERIA MUST BE MET:

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

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

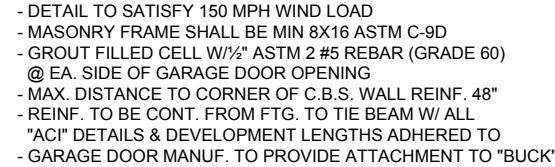
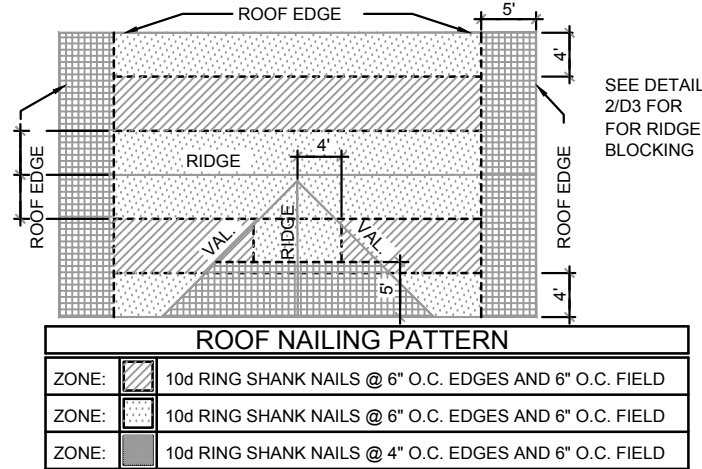
- SOIL BEARING CAPACITY 2000 PSF MINIMUM

WOOD STRUCTURAL NOTES

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

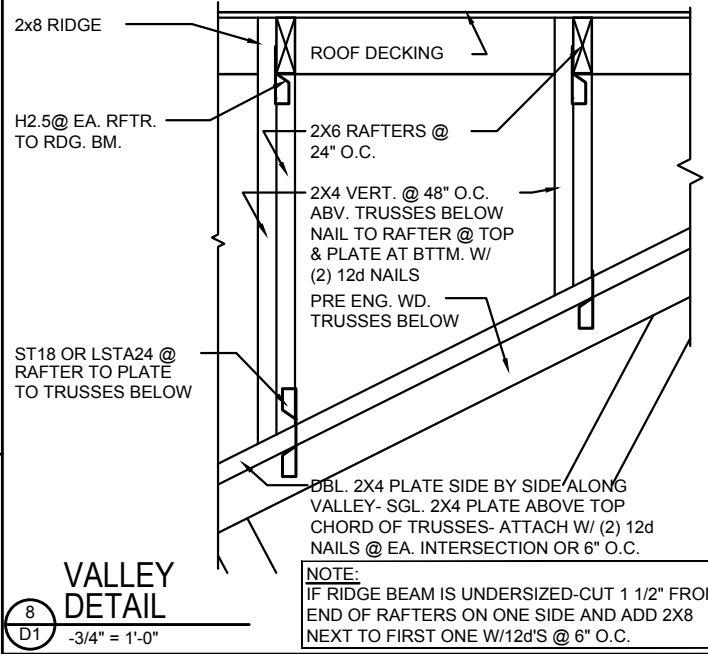
1. MISSED LINTEL STRAPS FOR MASONRY CONSTRUCTION MAY BE SUBSTITUTED W/ (1) USP MTW16 OR HC10 OR SIMPSON MTSM16 W/ (4) -1/4" X 2-1/4" TAPCONS TO BOND BEAM AND (7) 10d NAILS TO TRUSS FOR UPLIFTS LESS THAN 860 LBS (USE (2) MTSM16 FOR UPLIFTS LESS THAN 1720#). NO MORE THAN 10 STRAPS MAY BE SUBSTITUTED OR NO MORE THAN 3 IN A ROW. IF GIRGER TRUSS CONNECTIONS ARE MISSED CONTACT ENGINEER FOR SUBSTITUTION.
2. MISSED J-BOLTS FOR FRAMED EXTERIOR/ BEARING WALLS MAY BE SUBSTITUTED W/ 1/2" DIA. x 7" LONG WEDGE ANCHORS (REDHEADS).
3. MISSED FOOTING DOWELS MAY BE SUBSTITUTED W/ A STRAIGHT #5 REBAR SET IN A 3/4" DIA. x 6" DEEP HOLE FILLED W/ UNITEX PROPOXY 300 OR SIMPSON SET OR ETF ADHESIVES.
4. BLOCK WALL OVERHANGING SLAB CONDITION:
UP TO -7/8" - NO REPAIR NECESSARY
-7/8" TO -1 1/4" - ADD FILLED CELL (NO VERTICAL STEEL) MIDPOINT OF WALL BETWEEN EXISTING FILLED CELLS (WITH STEEL) IN AREAS AFFECTED.
1-1/4"+ - REQUIRE SPECIAL ENGINEERING LETTER.
5. PENETRATION OF PLUMBING PIPES/DRYER VENTS THRU PLATES OF A LOAD BEARING WALL MAY OCCUR PROVIDED DBL. STUDS ARE ADDED ON EITHER SIDE OF PENETRATION WITHIN 3" AND TRUSS/ FLOOR TRUSS IS NO CLOSER THAN 3" FROM PENETRATION. ADD (1) MTS12 @ TOP AND BOTTOM PLATE.



- ## GARAGE BUCK DETAIL



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



PC PANEL ANCHORS (MIDDLE):
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

PC EXPANSION STRIPS (BOTTOM):
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 CHASE 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.



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THOMPSON ENGINEERING GROUP, INC.
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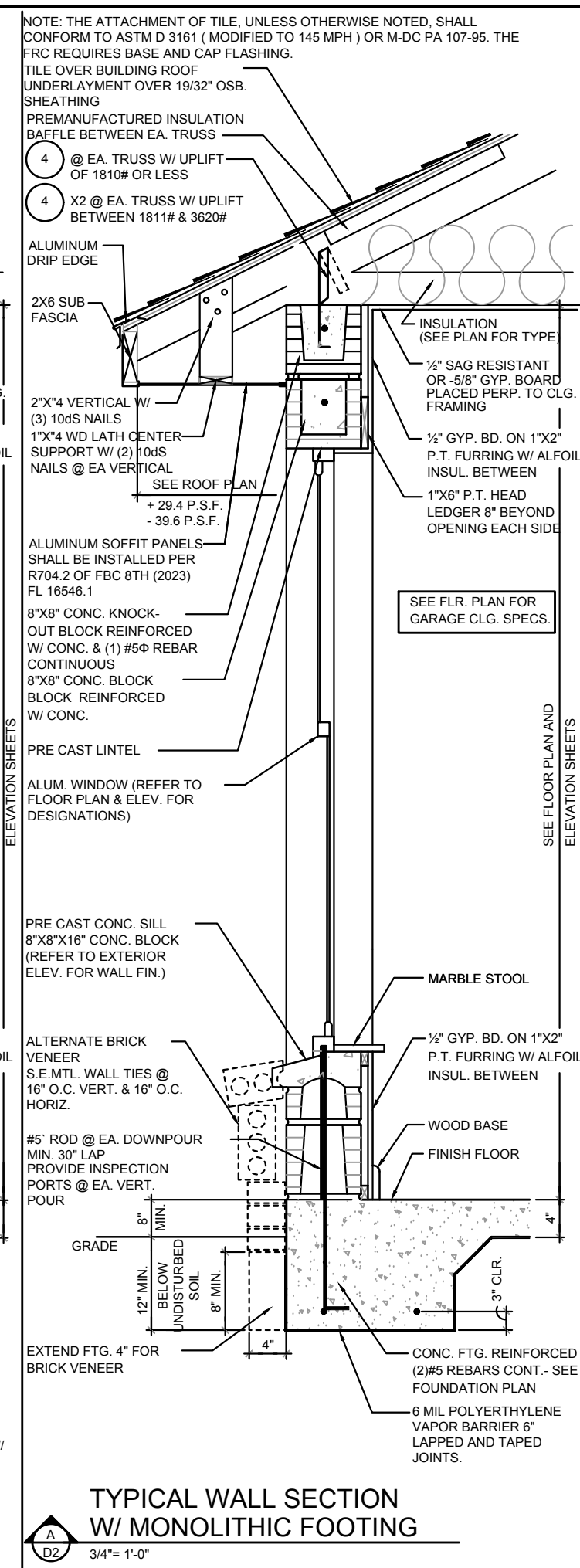
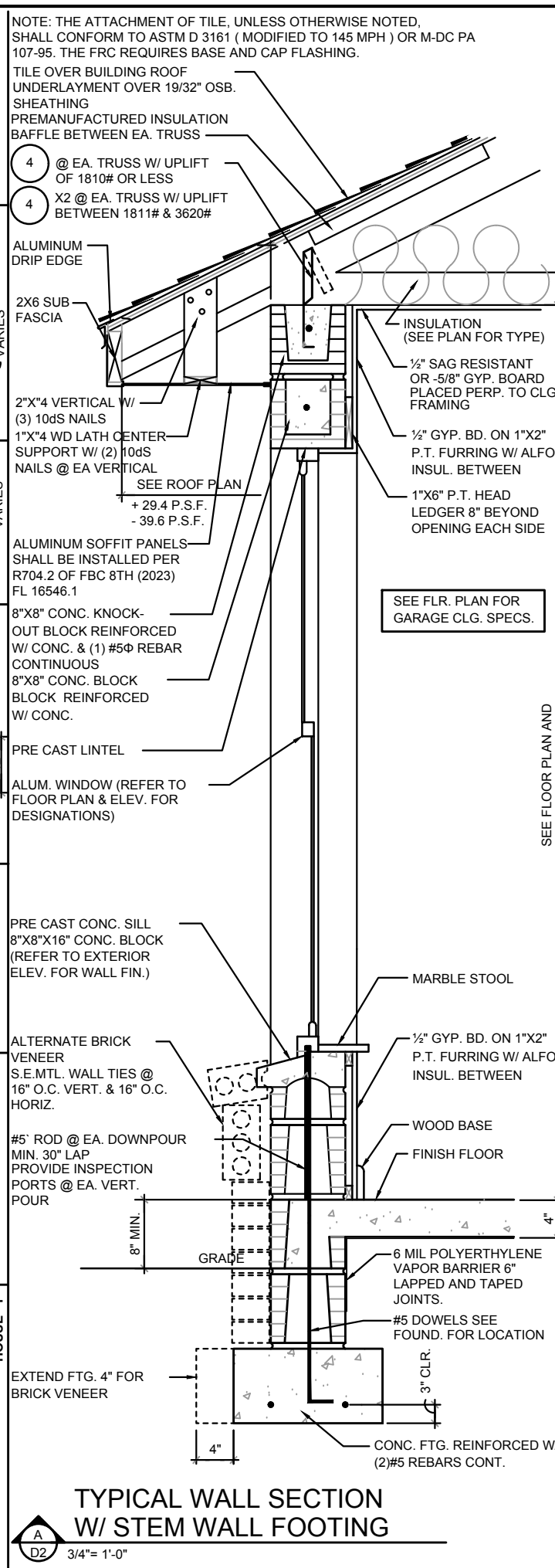
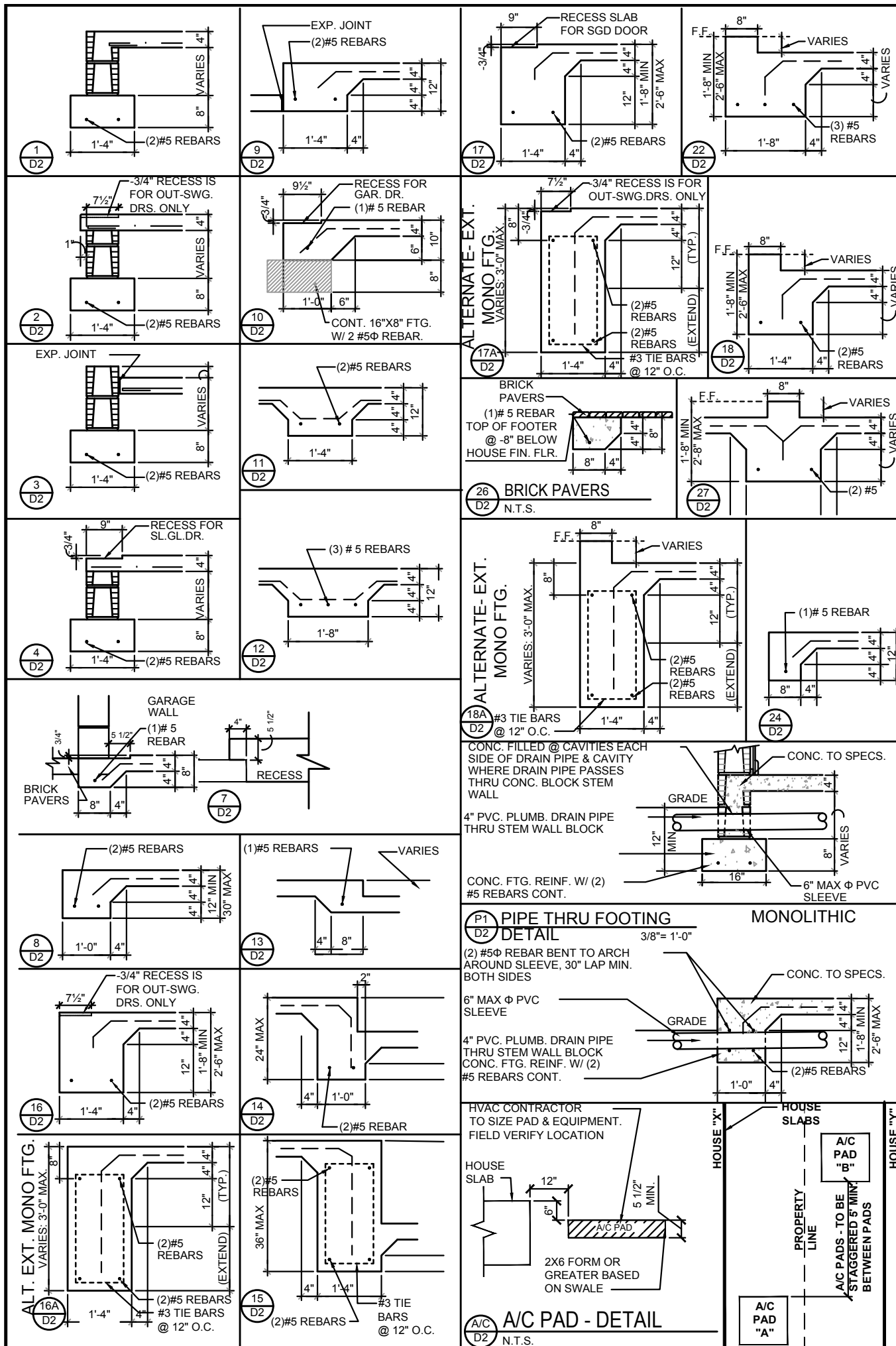
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Orlando, Florida 32811
Phone: (407) 529 - 3000**

STRUCTURAL NOTE & DETAILS

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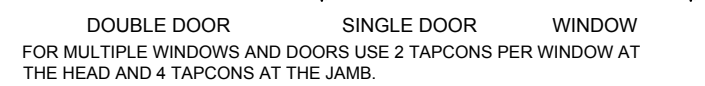
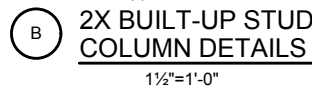
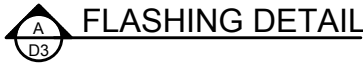
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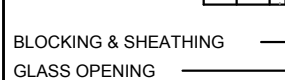
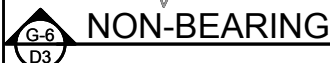
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BACK AGAIN. THESE READER'S COMMENTS, I WOULD SAY, ARE BEING REPRODUCED IN THE ORIGINAL SITE OF THE READER'S COMMENTS. THESE READER'S COMMENTS ARE BEING REPRODUCED IN THE ORIGINAL SITE OF THE READER'S COMMENTS.

 HTEC THOMPSON ENGINEERING GROUP, INC. 10000 North Central Expressway, Suite 600, Orlando, FL 32811 Tel: (407) 734-1500 Fax: (407) 734-1750 www.htec.com		A DIVISION OF PARK SQUARE ENTERPRISES, INC. 6200 Vineland Road, Suite 200 Orlando, Florida 32818 Phone: (407) 559-3000	
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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.



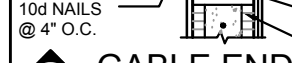
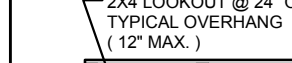
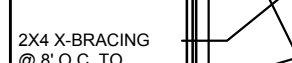
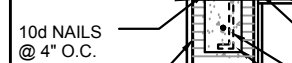
CENTERLINE OF RIDGE LINE

ADDITIONAL 2x4 BLOCKING
W/ 2-12d NAILS EA. SIDE

PRE-ENGINEER ROOF
TRUSS TOP CHORD

2
D3
N.T.S.

RIDGE DETAIL



THIS STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE 2018 EDITION, 2023 OF THE FLORIDA BUILDING CODE-RESIDENTIAL AND IS CERTIFIED AS SUCH

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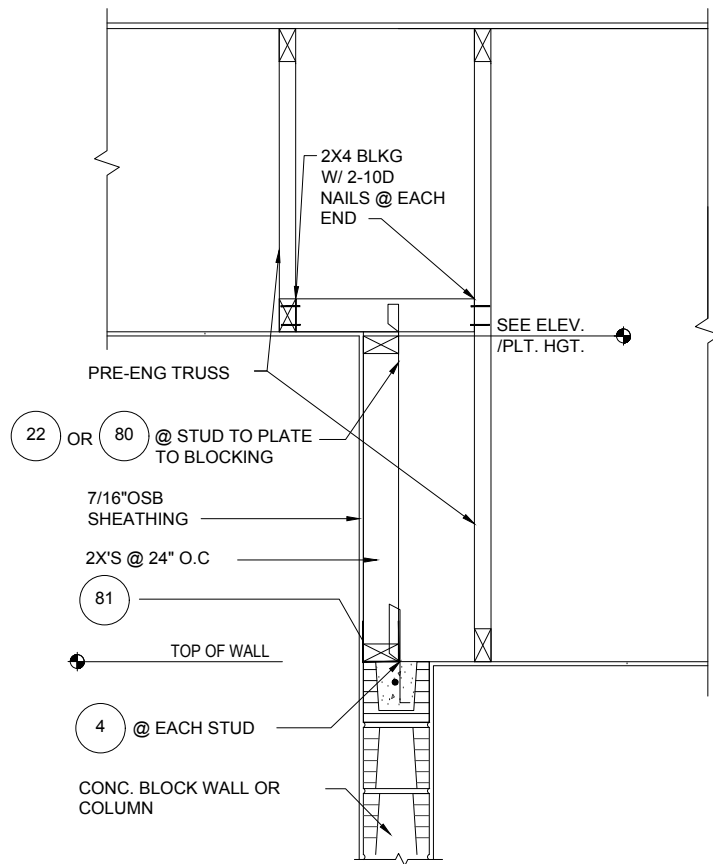
PARK SQUARE NOTES RESERVES CORP.	REVISIONS	
	DELTA #	DATE
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	SCALE: AS NOTED	
	DRAWN: M	
	SHEET:	
	D3	

2385 HAMPTON II
FLORIDA SERIES

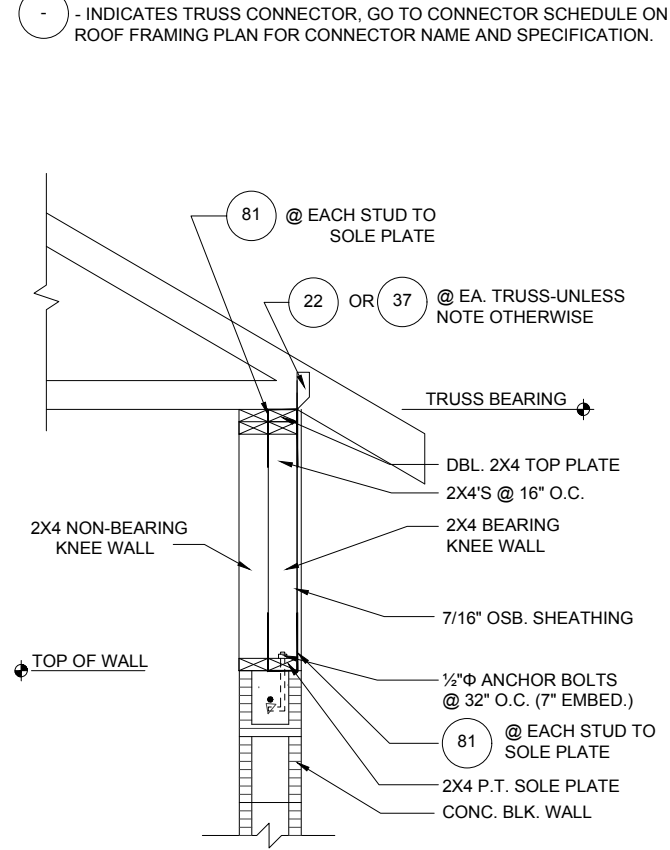
STRUCTURAL DETAILS

**A DIVISION OF PARK SQUARE
ENTERPRISES, INC.**
6200 Vineland Road, Suite 200
Orlando, Florida 32811
Phone: (407) 529 - 3000

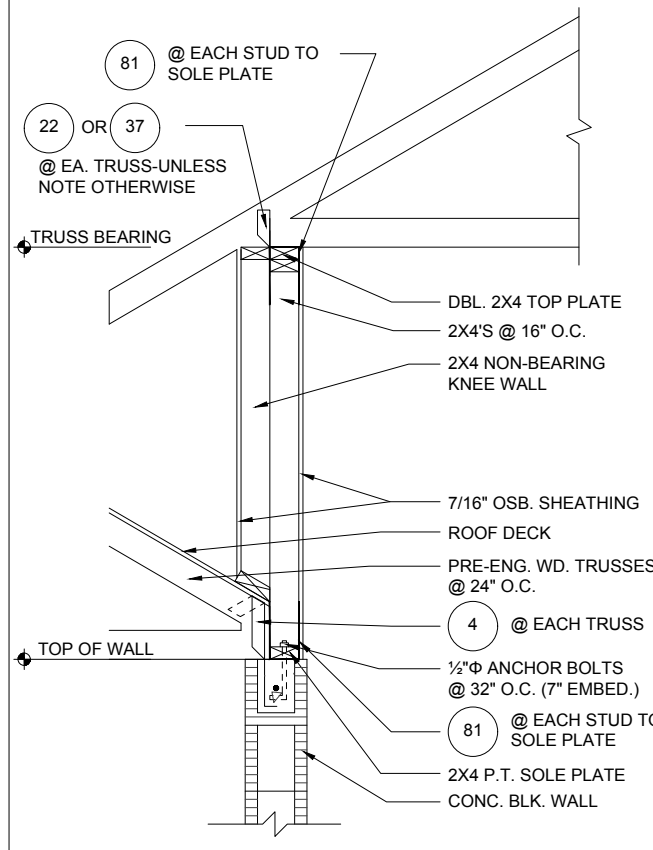
ITEG
THOMPSON ENGINEERING GROUP, INC.
44401 Vineland Road Suite A6 Orlando, FL 32811
Ph: (407) 734-1450
Fax: (407) 734-1790
www.iteg.com



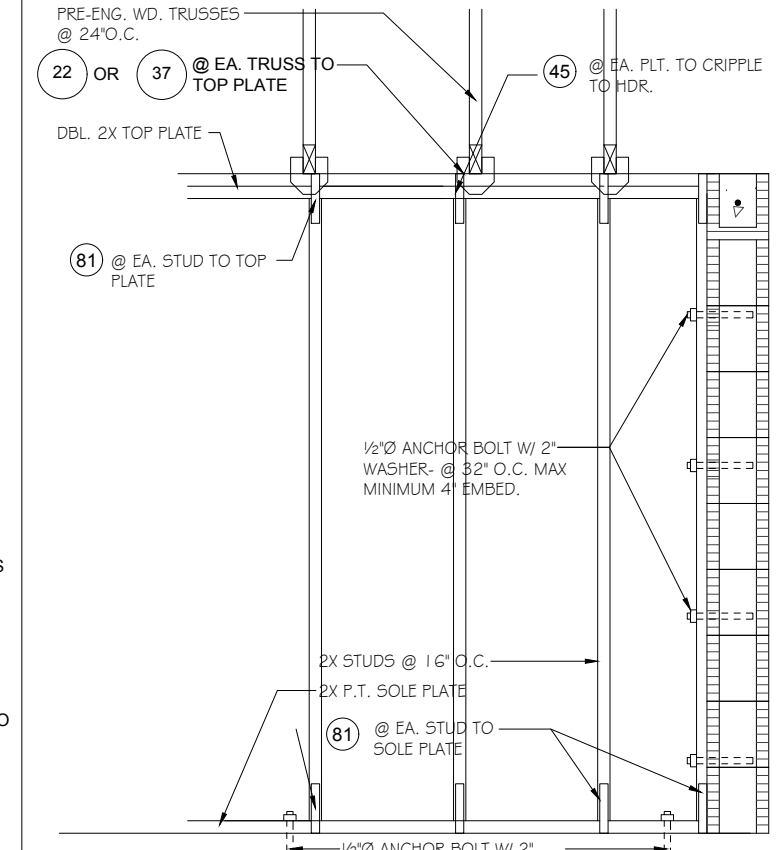
1
D4
DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



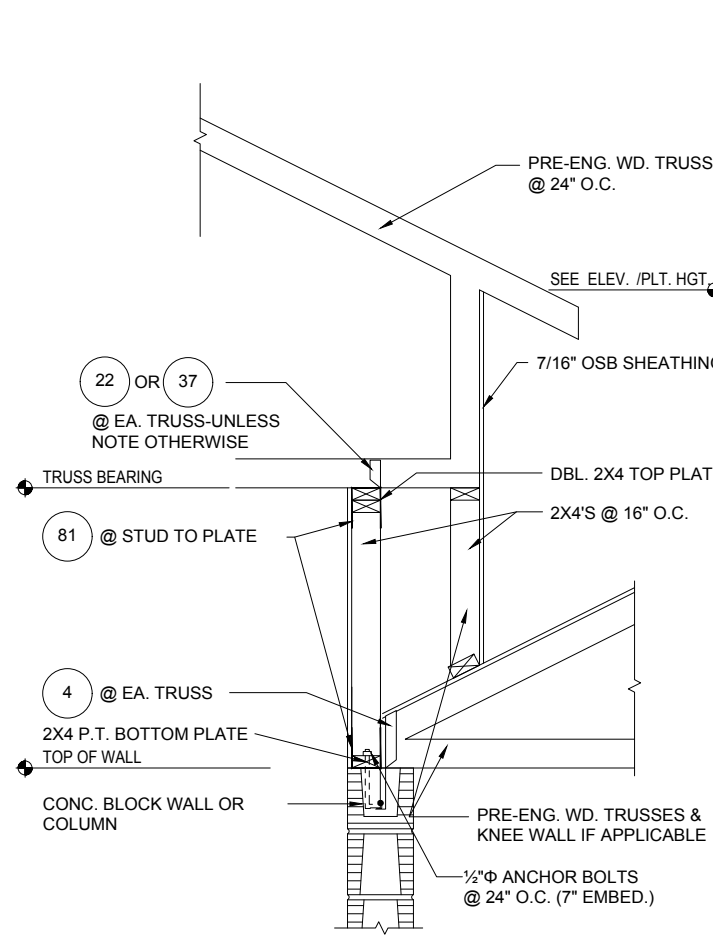
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D4
DETAIL
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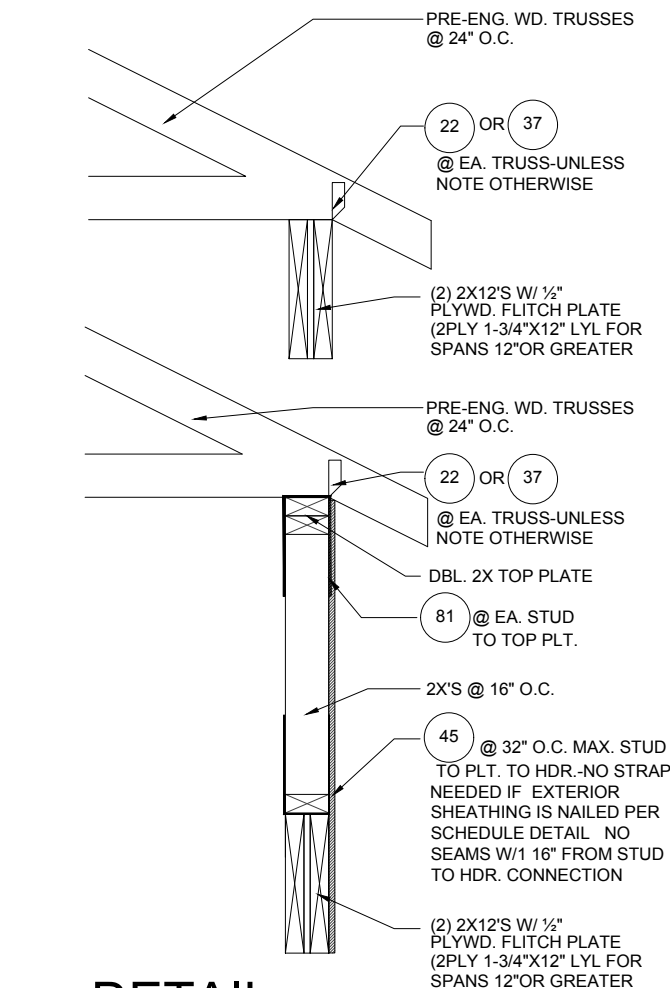
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D4
DETAIL
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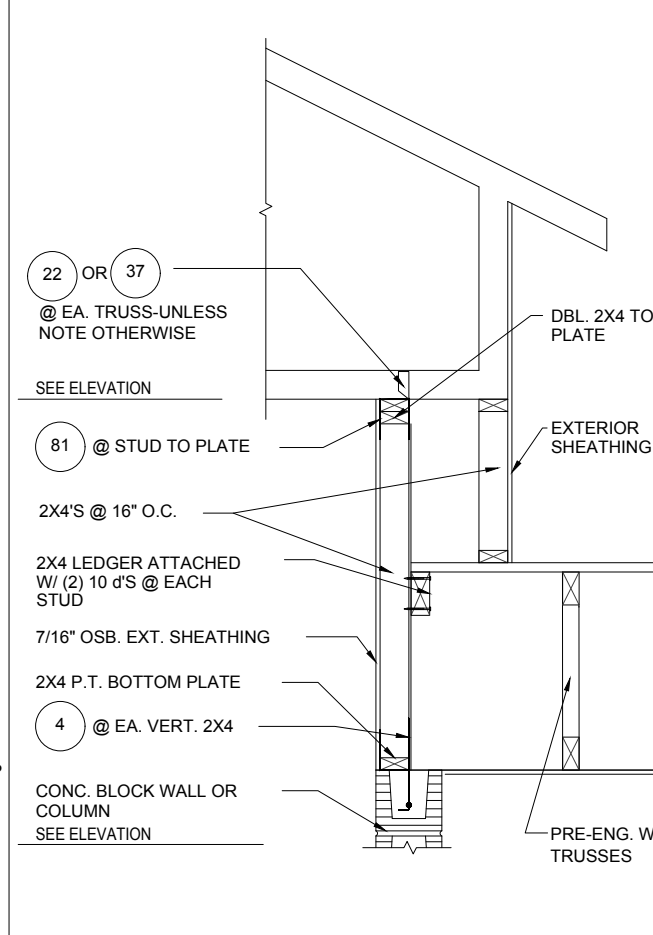
7
D4
DETAIL
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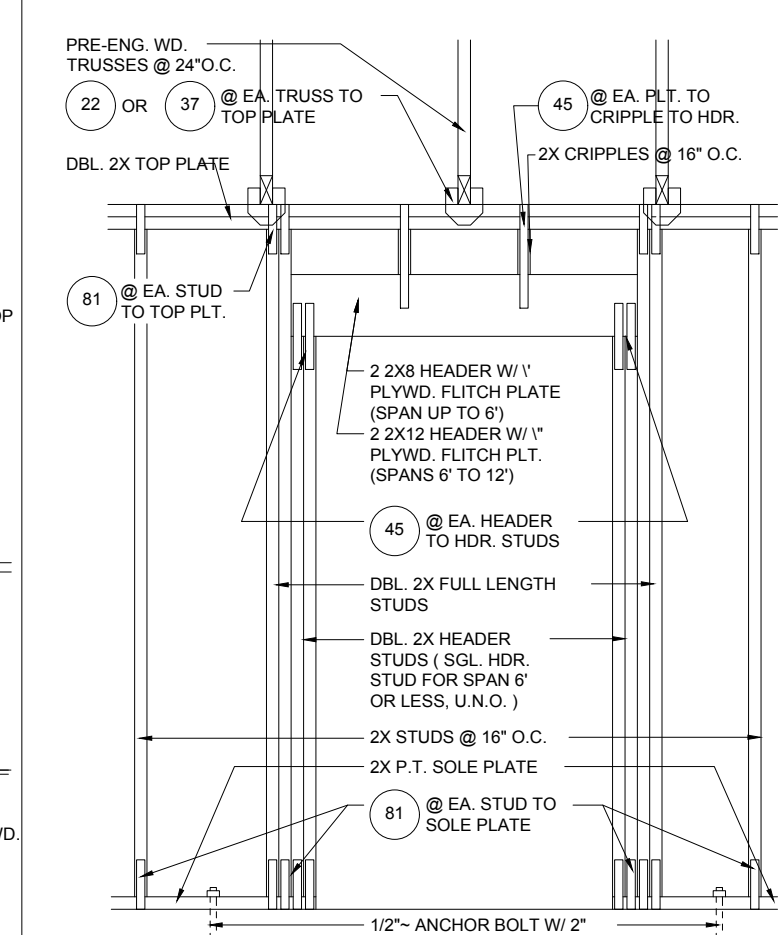
4
D4
DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



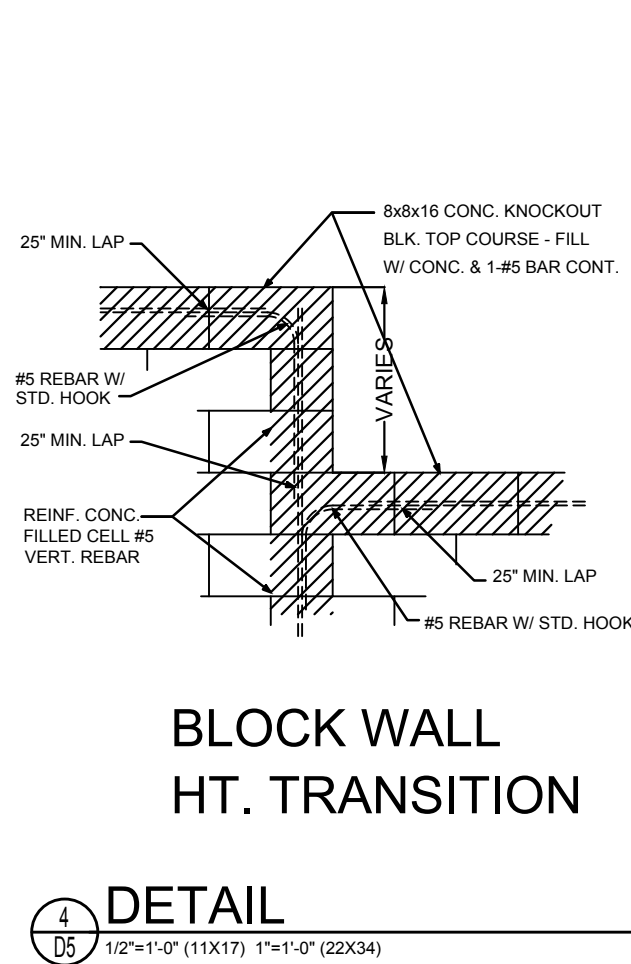
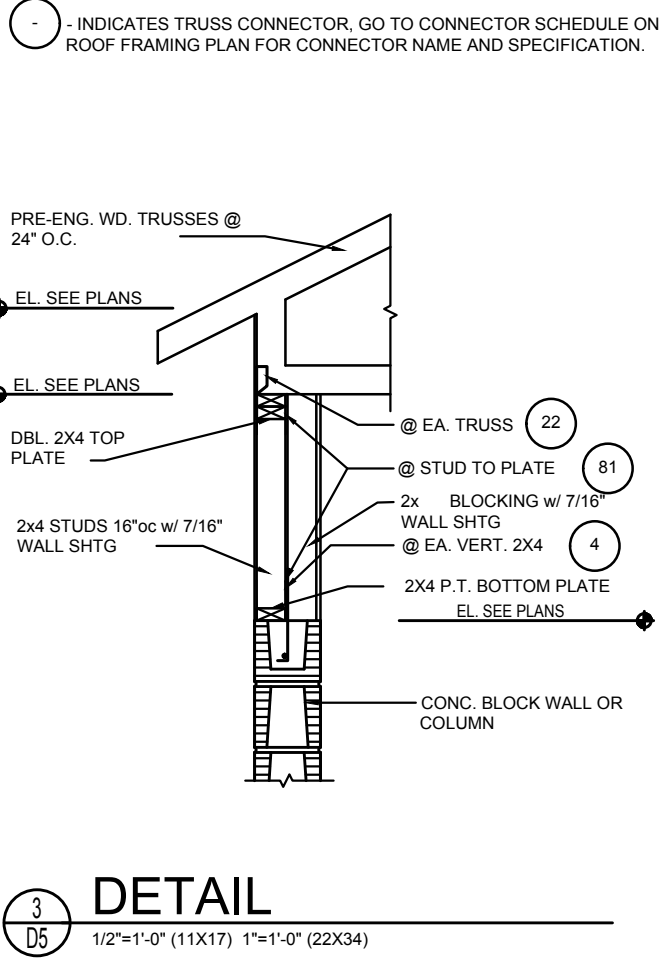
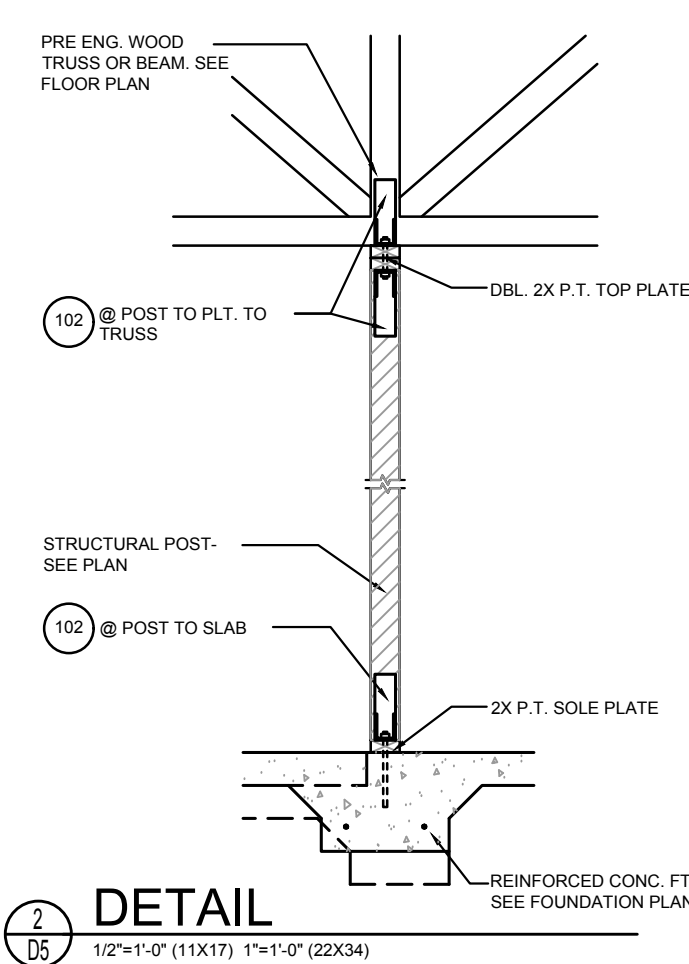
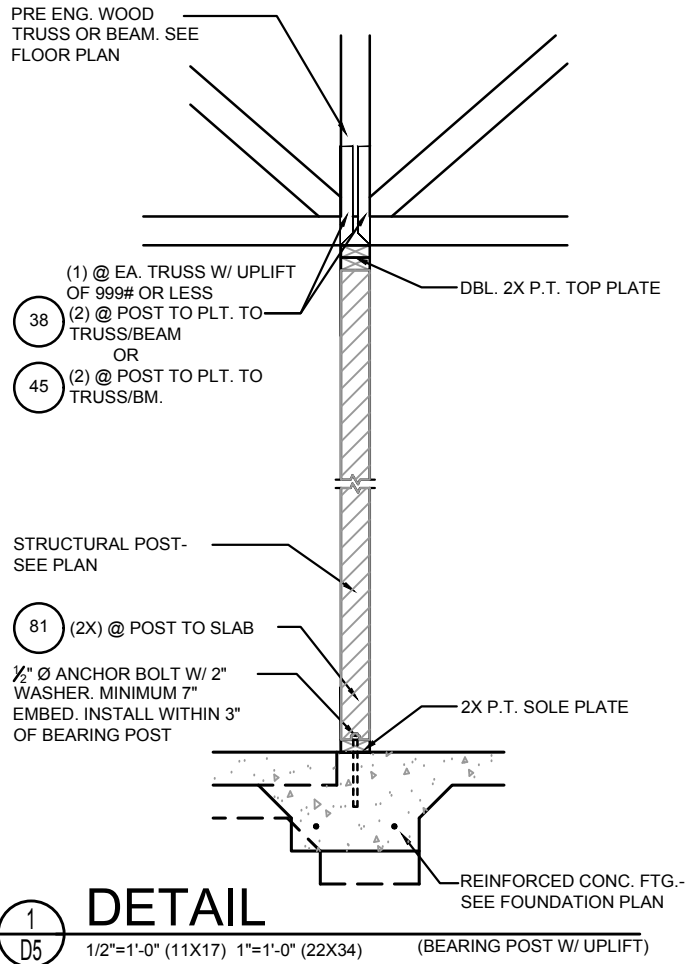
5
D4
DETAIL



6
D4
DETAIL



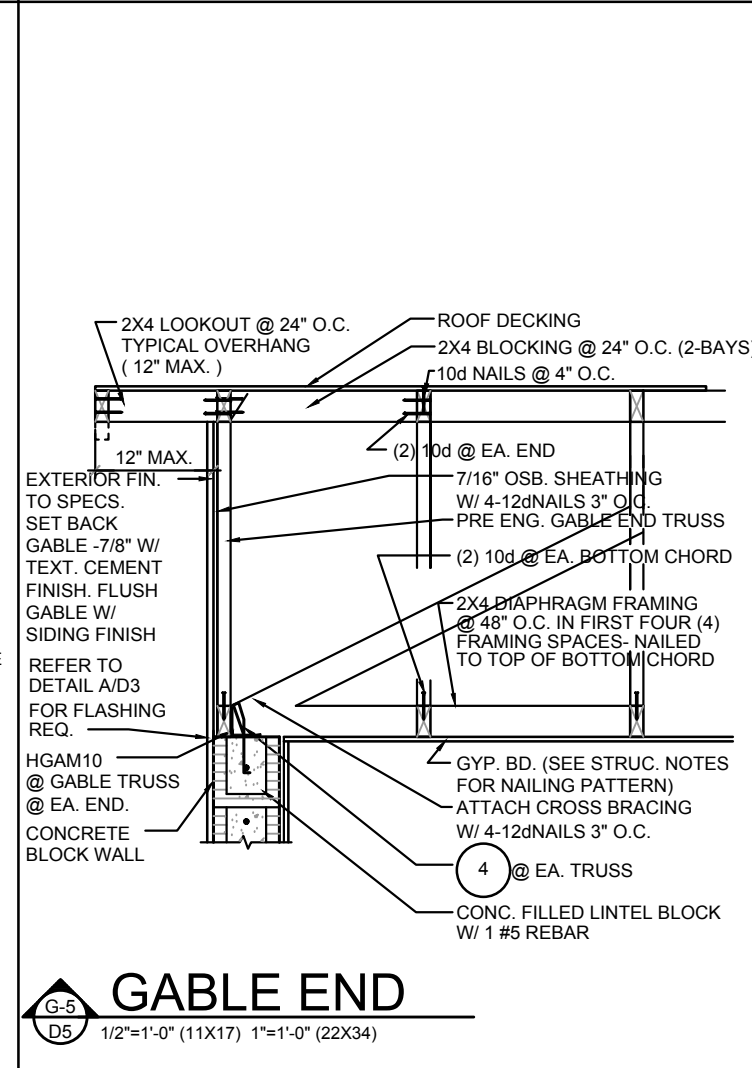
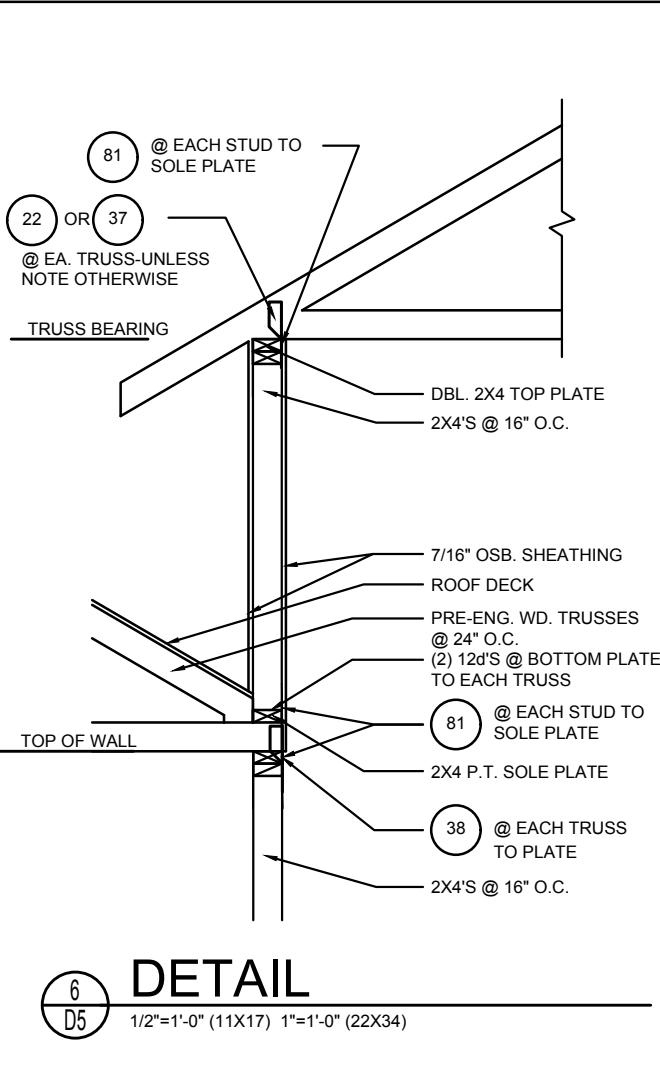
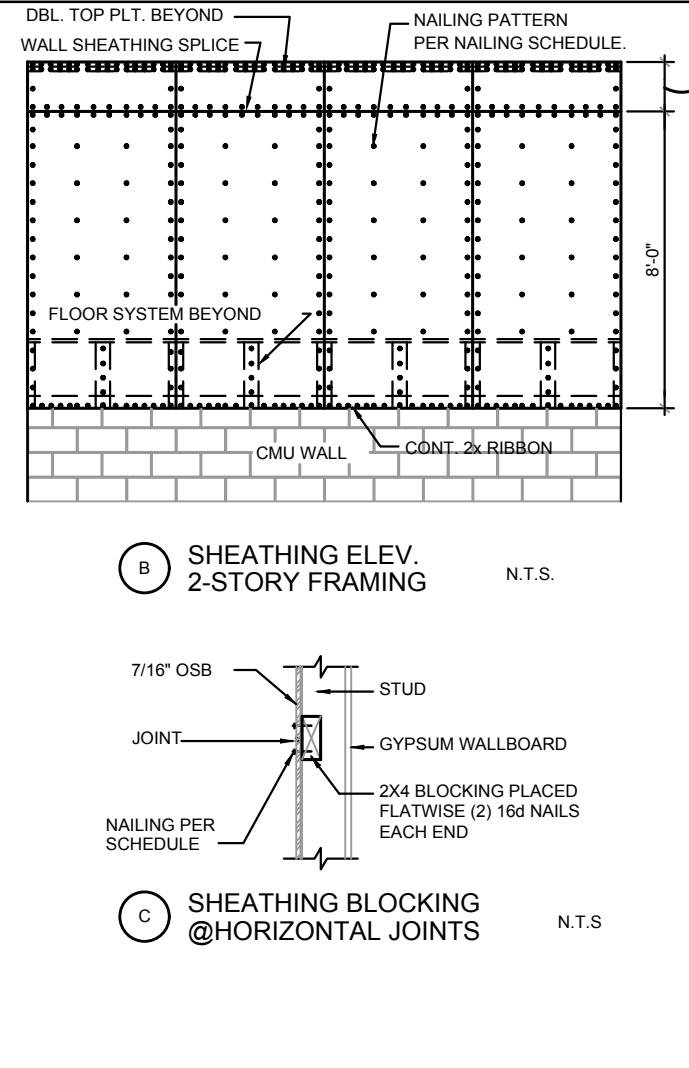
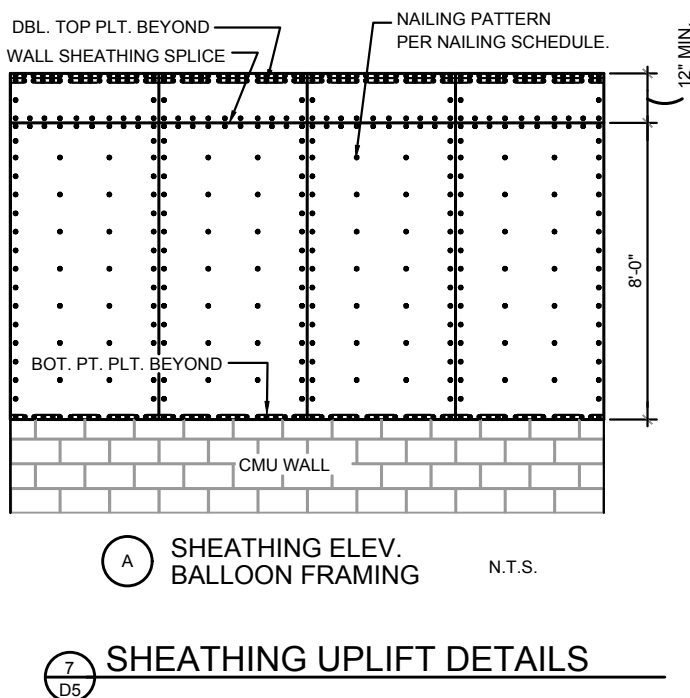
8
D4
DETAIL
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



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.



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.

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LOT: 0000, COMMUNITY

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A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando, Florida 32811 Phone: (407) 559 - 3000	
Park Square Homes	
STRUCTURAL DETAILS	
2385 HAMPTON II	FLORIDA SERIES
REVISIONS	
DELTA #	DATE
DATE: 07-23-24	
SCALE: AS NOTED	
DRAWN: MR	
SHEET:	
D5	