

3240
GALILEO
SIGNATURE SERIES
60' X 75'



REVISION SCHEDULE			
NO.	DATE	DESCRIPTION	BY
1	02-25-25	-CREATED NEW MASTER	MR
2	04-08-25	-ADDED 2ND A/C UNIT TO MASTER	MR

SHEET INDEX:

00	COVER SHEET
00.1	GENERAL NOTES
01.A	SLAB INTERFACE PLAN "A"
02.A	FLOOR PLAN W/ NOTES "A"
02.1A	FLOOR PLAN W/ DIMENSIONS "A"
03.A	EXTERIOR ELEVS.- FRONT/ REAR "A"
03.1A	EXTERIOR ELEVS.- LEFT/ RIGHT "A"
04.A	ROOF PLAN
05.A	BUILDING SECTION & INTERIOR ELEV.'S
E1	UTILITY PLAN "A"
AD1	DETAILS
07.0	FOUNDATION PLAN "A"
08A.1	TRUSS LAYOUT "A"
09.1	PRECAST LINTEL LAYOUT "A"
D1	TYPICAL STRUCTURAL DETAILS
D2	TYPICAL STRUCTURAL DETAILS
D3	TYPICAL STRUCTURAL DETAILS
D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL DETAILS

SHEET INDEX:

00	COVER SHEET
00.1	GENERAL NOTES
01.B	SLAB INTERFACE PLAN "B"
02.B	FLOOR PLAN W/ NOTES "B"
02.1B	FLOOR PLAN W/ DIMENSIONS "B"
03.B	EXTERIOR ELEVS.- FRONT/ REAR "B"
03.1B	EXTERIOR ELEVS.- LEFT/ RIGHT "B"
04.B	ROOF PLAN
05.B	BUILDING SECTION & INTERIOR ELEV.'S
E1	UTILITY PLAN "B"
AD1	DETAILS
07.0	FOUNDATION PLAN "B"
08B.1	TRUSS LAYOUT "B"
09.1	PRECAST LINTEL LAYOUT "B"
D1	TYPICAL STRUCTURAL DETAILS
D2	TYPICAL STRUCTURAL DETAILS
D3	TYPICAL STRUCTURAL DETAILS
D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL DETAILS

SHEET INDEX:

00	COVER SHEET
00.1	GENERAL NOTES
01.C	SLAB INTERFACE PLAN "C"
02.C	FLOOR PLAN W/ NOTES "C"
02.1C	FLOOR PLAN W/ DIMENSIONS "C"
03.C	EXTERIOR ELEVS.- FRONT/ REAR "C"
03.1C	EXTERIOR ELEVS.- LEFT/ RIGHT "C"
04.C	ROOF PLAN
05.C	BUILDING SECTION & INTERIOR ELEV.'S
E1	UTILITY PLAN "C"
AD1	DETAILS
07.0	FOUNDATION PLAN "C"
08C.1	TRUSS LAYOUT "C"
09.1	PRECAST LINTEL LAYOUT "C"
D1	TYPICAL STRUCTURAL DETAILS
D2	TYPICAL STRUCTURAL DETAILS
D3	TYPICAL STRUCTURAL DETAILS
D4	TYPICAL STRUCTURAL DETAILS
D5	TYPICAL STRUCTURAL DETAILS

COVER SHEET

3240 GALILEO

SIGNATURE SERIES

REVISIONS

DELTA #	DATE
DATE:	02-25-25
SCALE:	AS NOTED
DRAWN:	MR
SHEET:	00

TEG

THOMPSON ENGINEERING GROUP, INC.

4441 Vineland Road Suite A8 Orlando, FL 32811

Ph: (407) 724-1790

Fax: (407) 724-1790

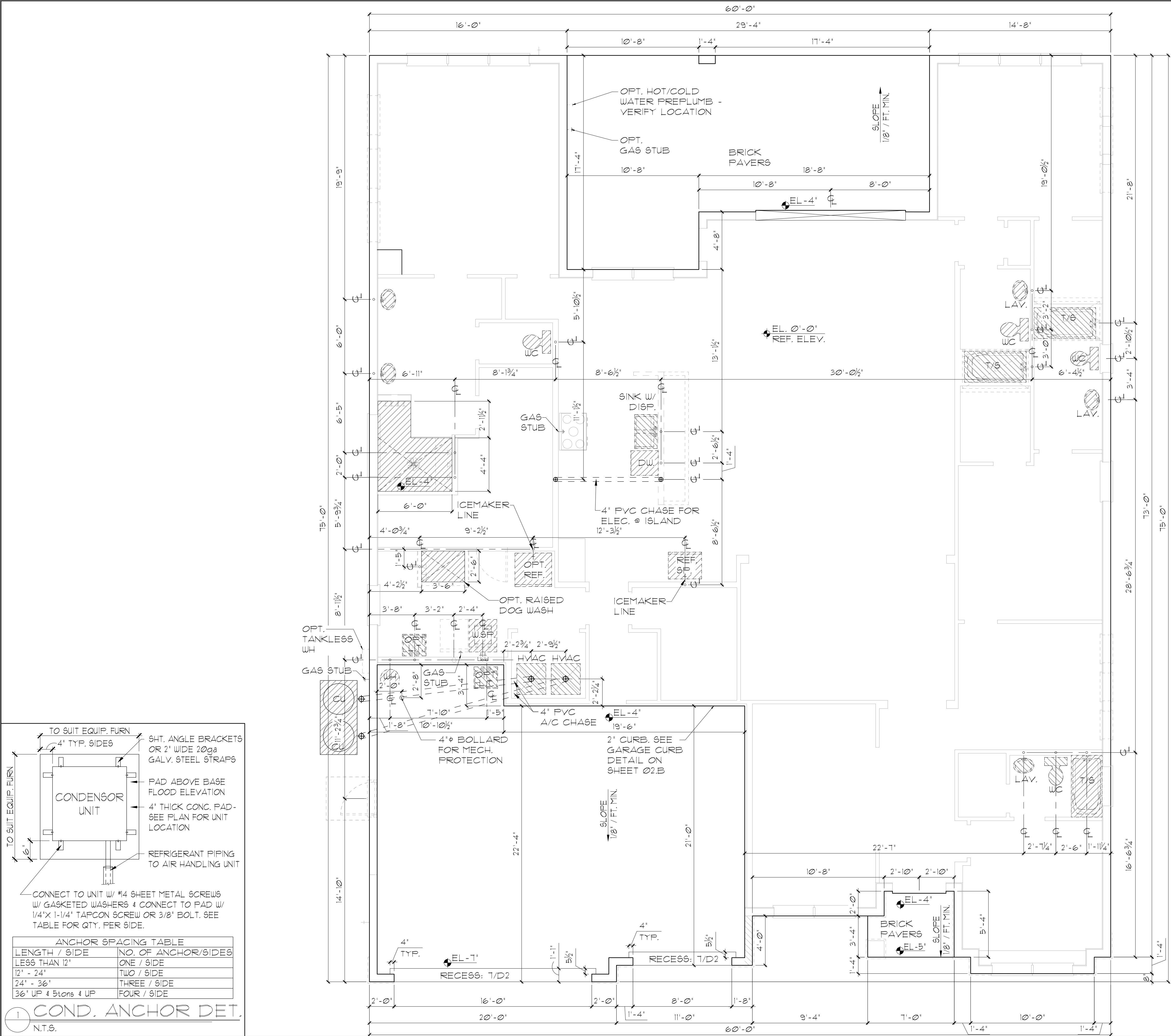
www.teg.com

A DIVISION OF PARK SQUARE ENTERPRISES, INC.

5200 Vineland Road, Suite 200

Orlando, Florida 32811

Phone: (407) 529 - 3000



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

ELEVATION B STD
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

LOT: 0000, COMMUNITY

REVISIONS

DELTA #	DATE

DATE: 02-25-25
SCALE: AS NOTED
DRAWN: MTR
SHEET: 01.B

3240 GALILEO

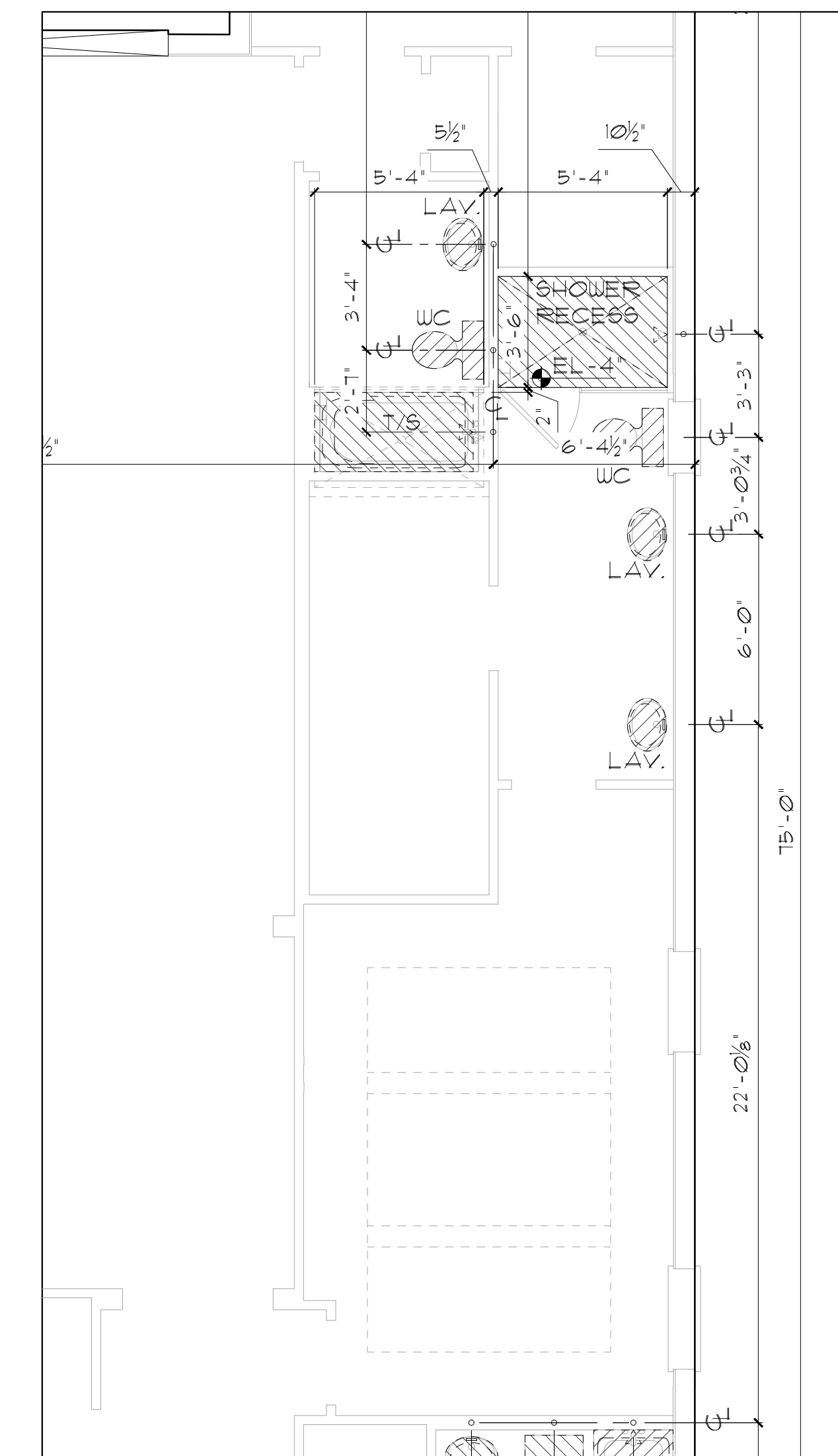
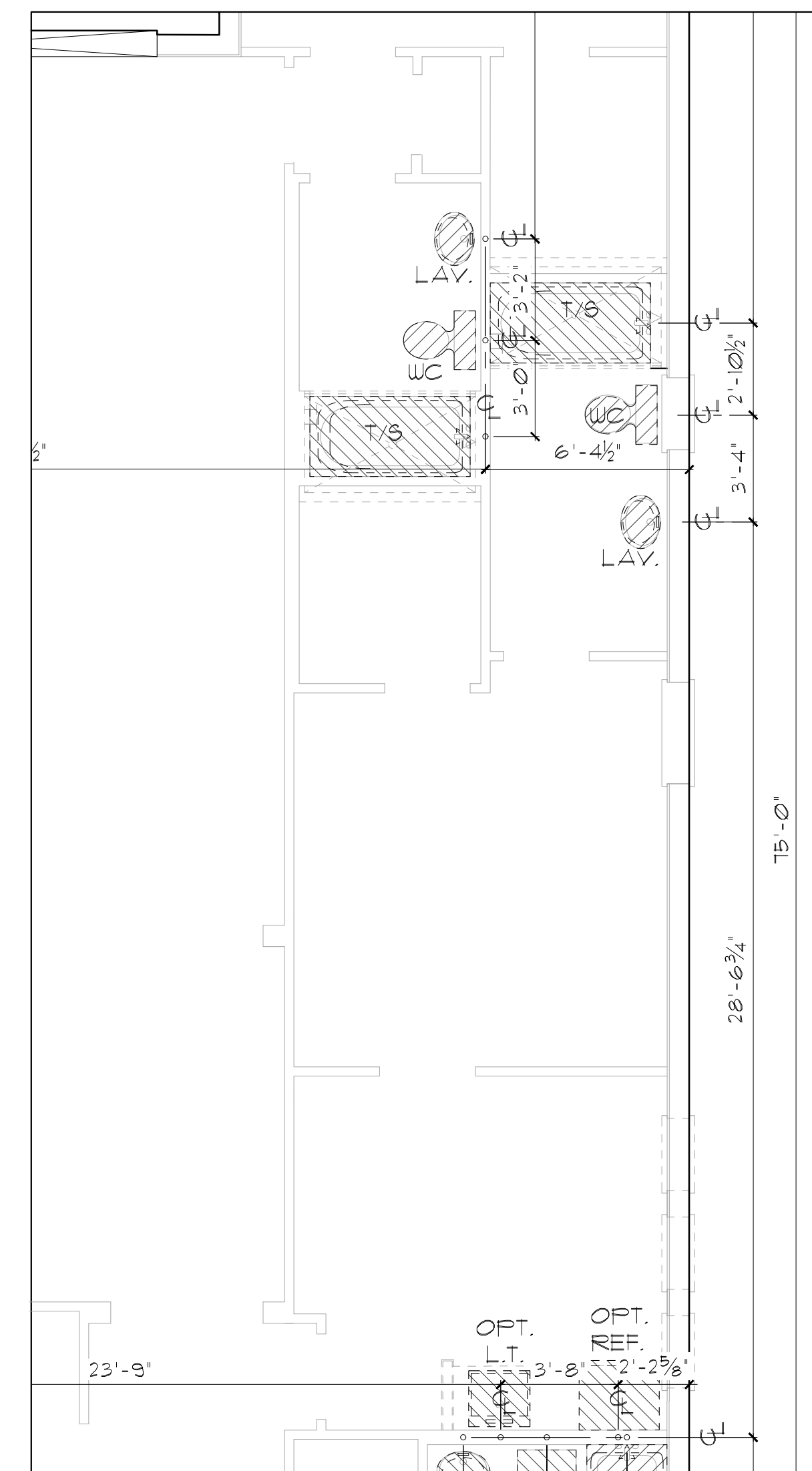
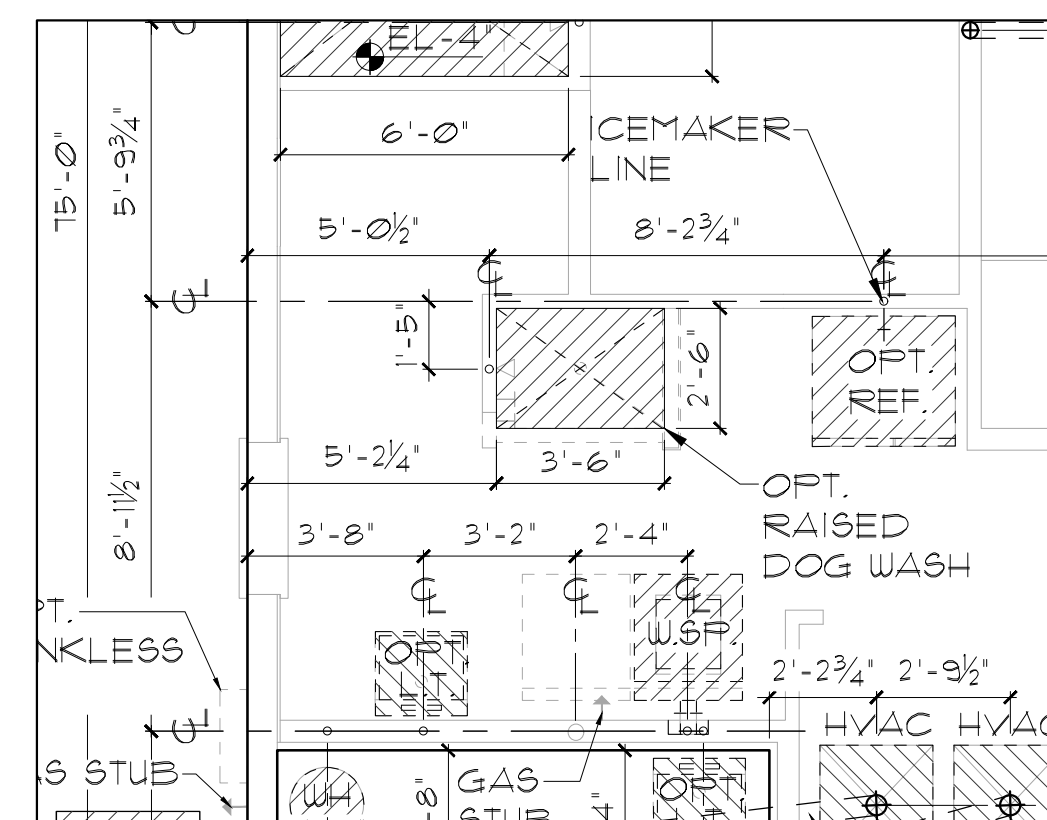
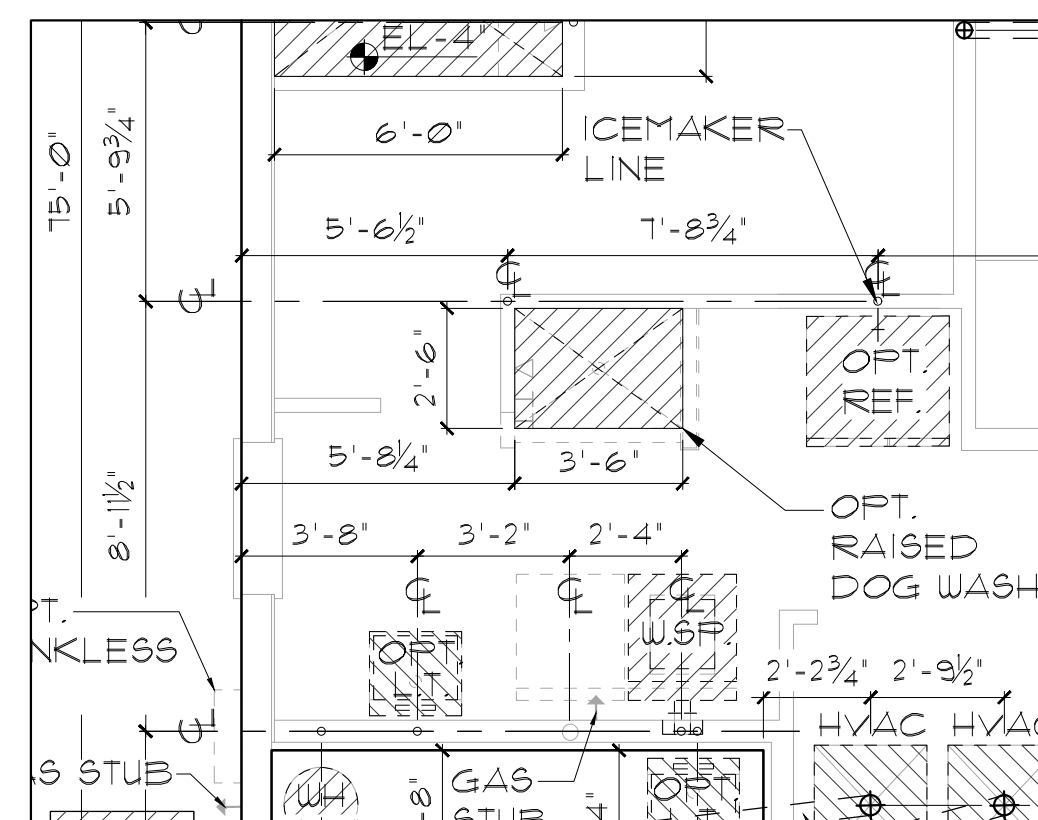
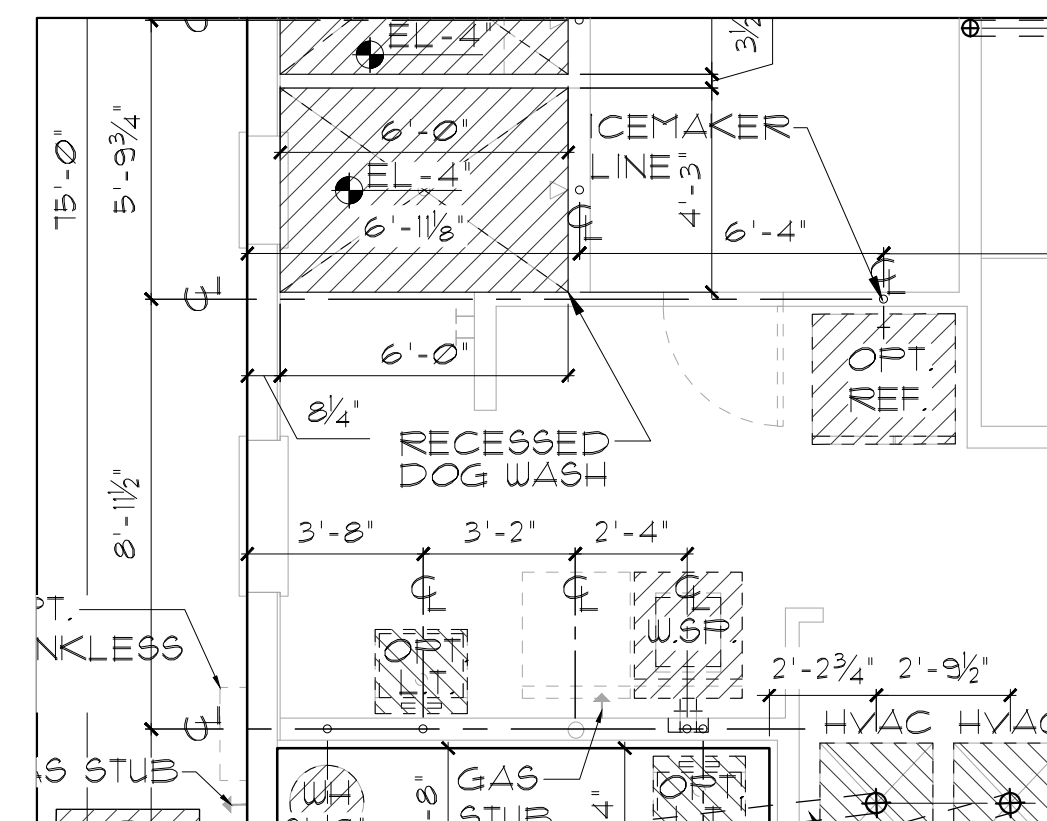
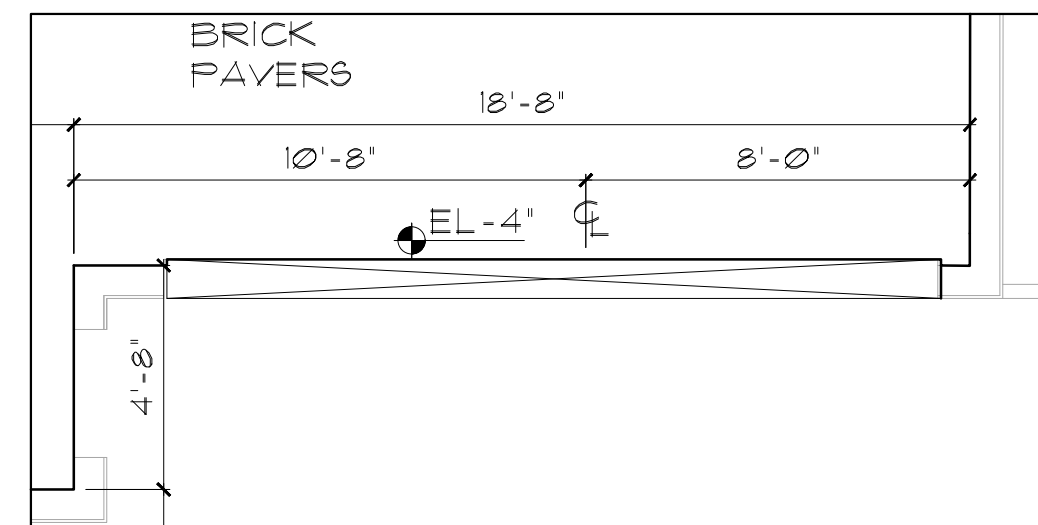
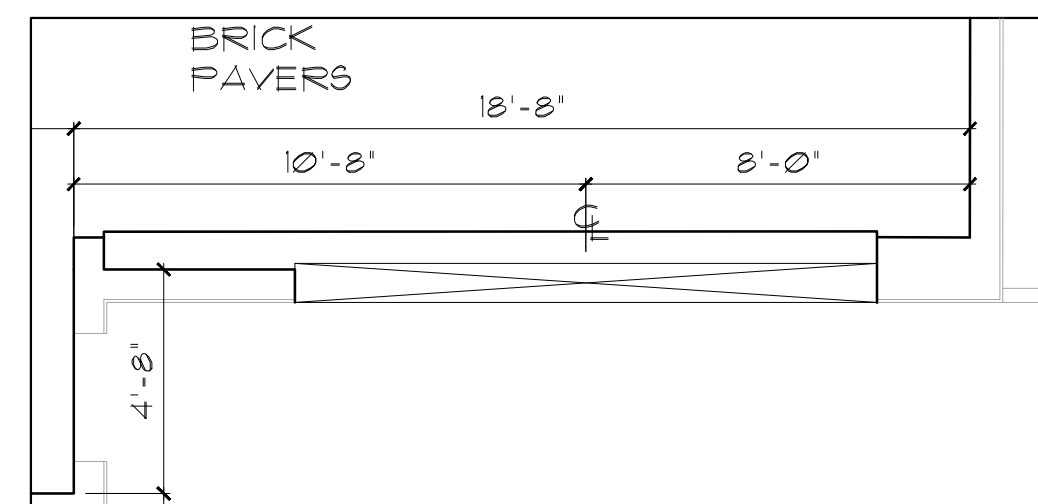
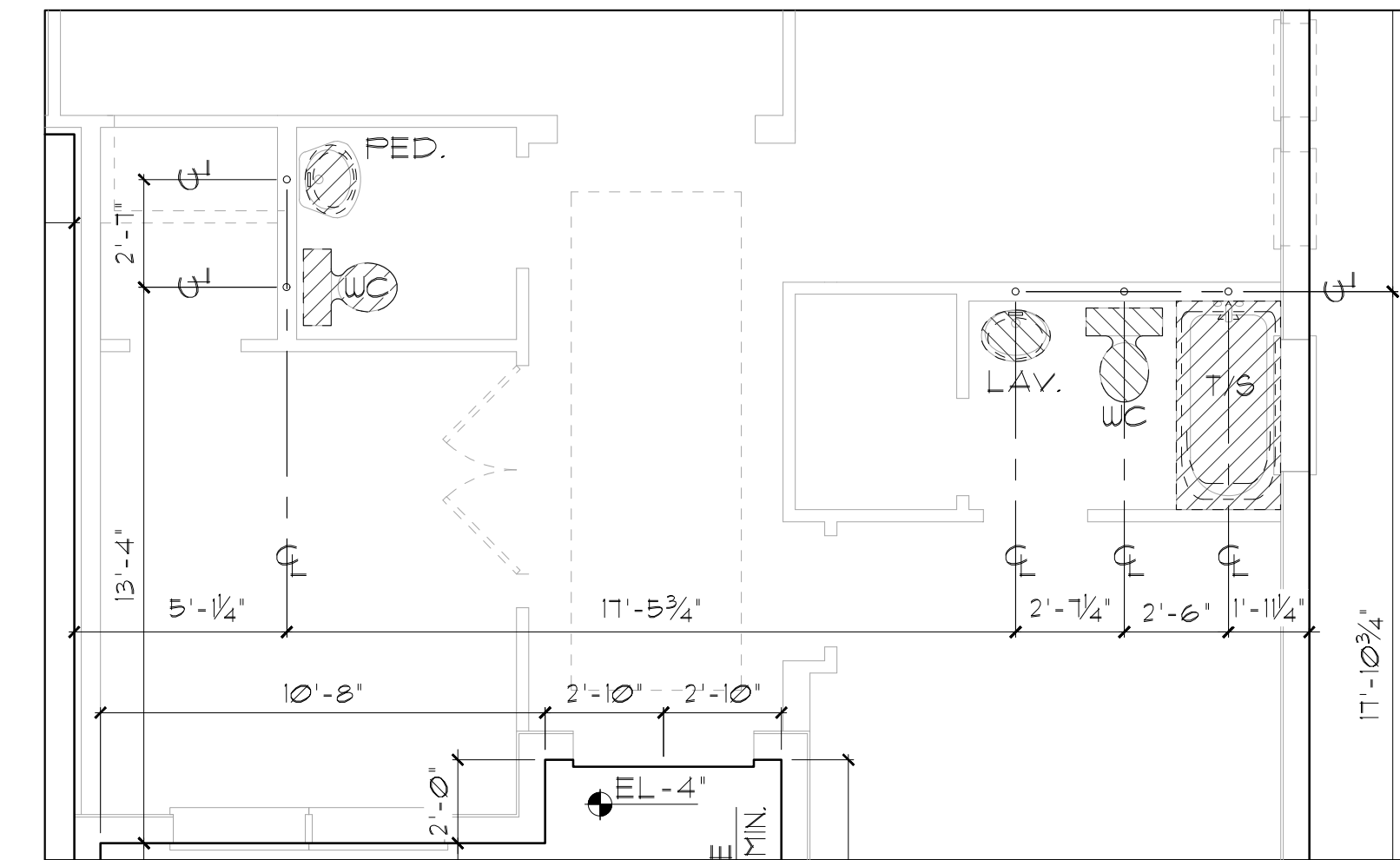
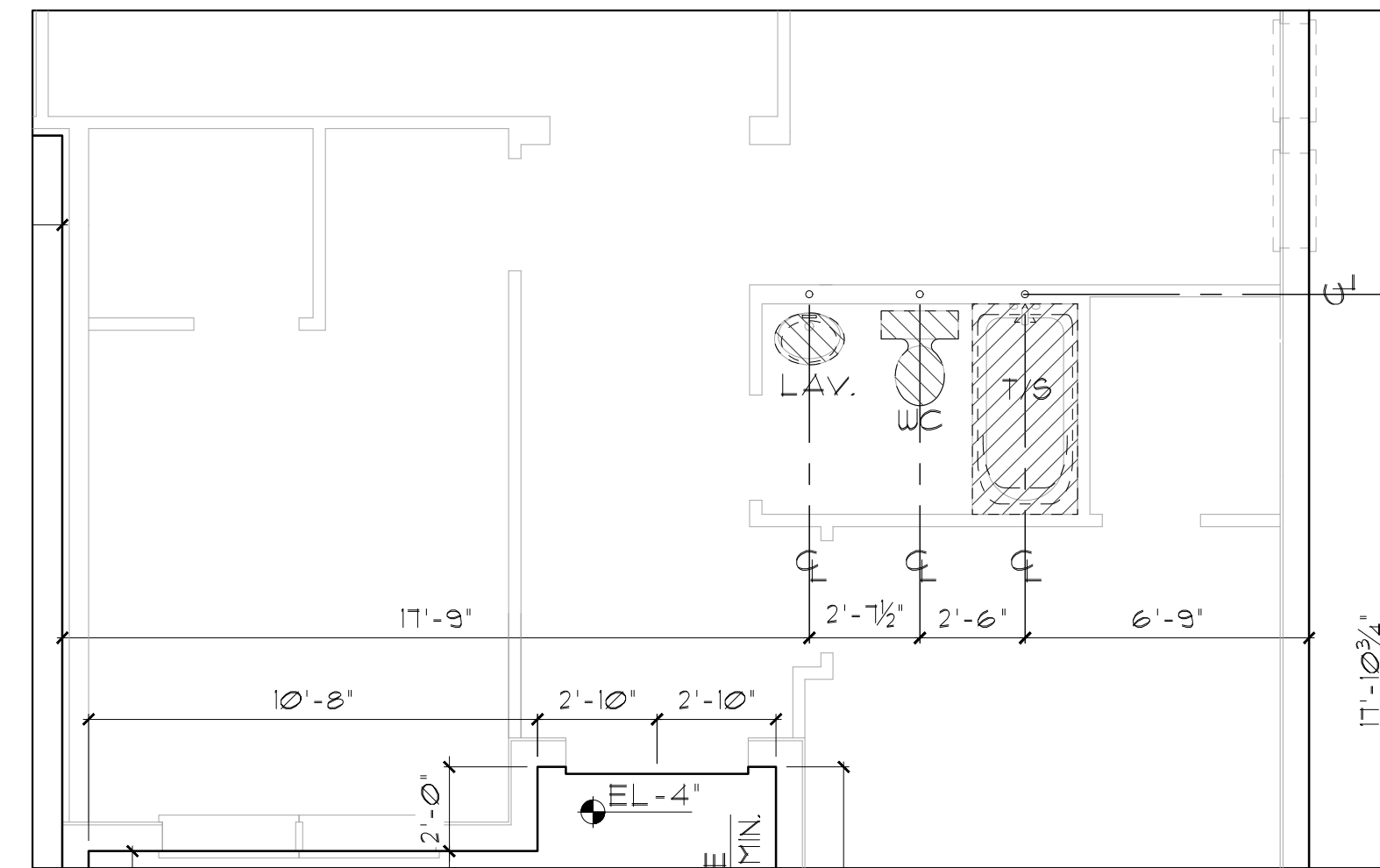
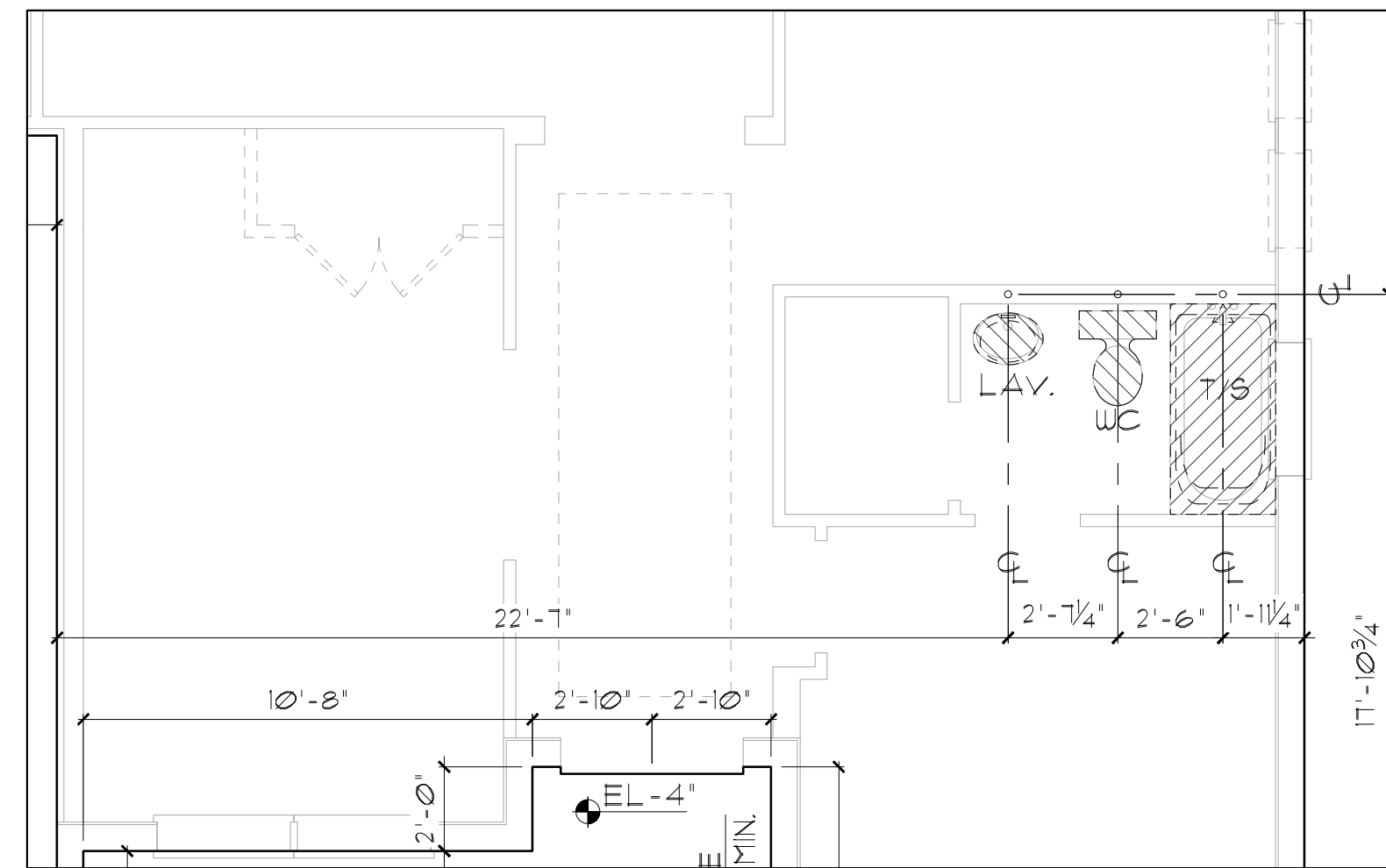
SIGNATURE SERIES

SLAB INTERFACE PLAN

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

ITEG
THOMPSON ENGINEERING GROUP, INC.
4441 Vineland Road Suite 40 Orlando, FL 32811
Tel: (407) 741-1700
Fax: (407) 741-1700
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OPT STUDY

OPT BEDROOM 5

OPT POWDER
BATH @ FOYER

OPT 12' POCKET S.G.D.

OPT 16' S.G.D.

OPT LOW DOG
WASH @ LAUNDRY

OPT W.I.C. PASS-THRU
@ LAUNDRY

OPT LARGE STORAGE @ LAUNDRY

OPT MULTIGEN
SUITE

OPT PRIMARY #2

SLAB INTERFACE PLAN

1/8" = 1'-0" (11x17) 1/4" = 1'-0" (22x34)

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4401 Vineland Road Suite A6 Orlando, FL 32811
Ph: (407) 734-1450
Fax: (407) 734-1790
www.tegfi.com

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

Park Square HOMES

SLAB INTERFACE PLAN

3240 GALILEO

SIGNATURE SERIES

REVISIONS

DELTA #	DATE
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DATE: 02-25-25

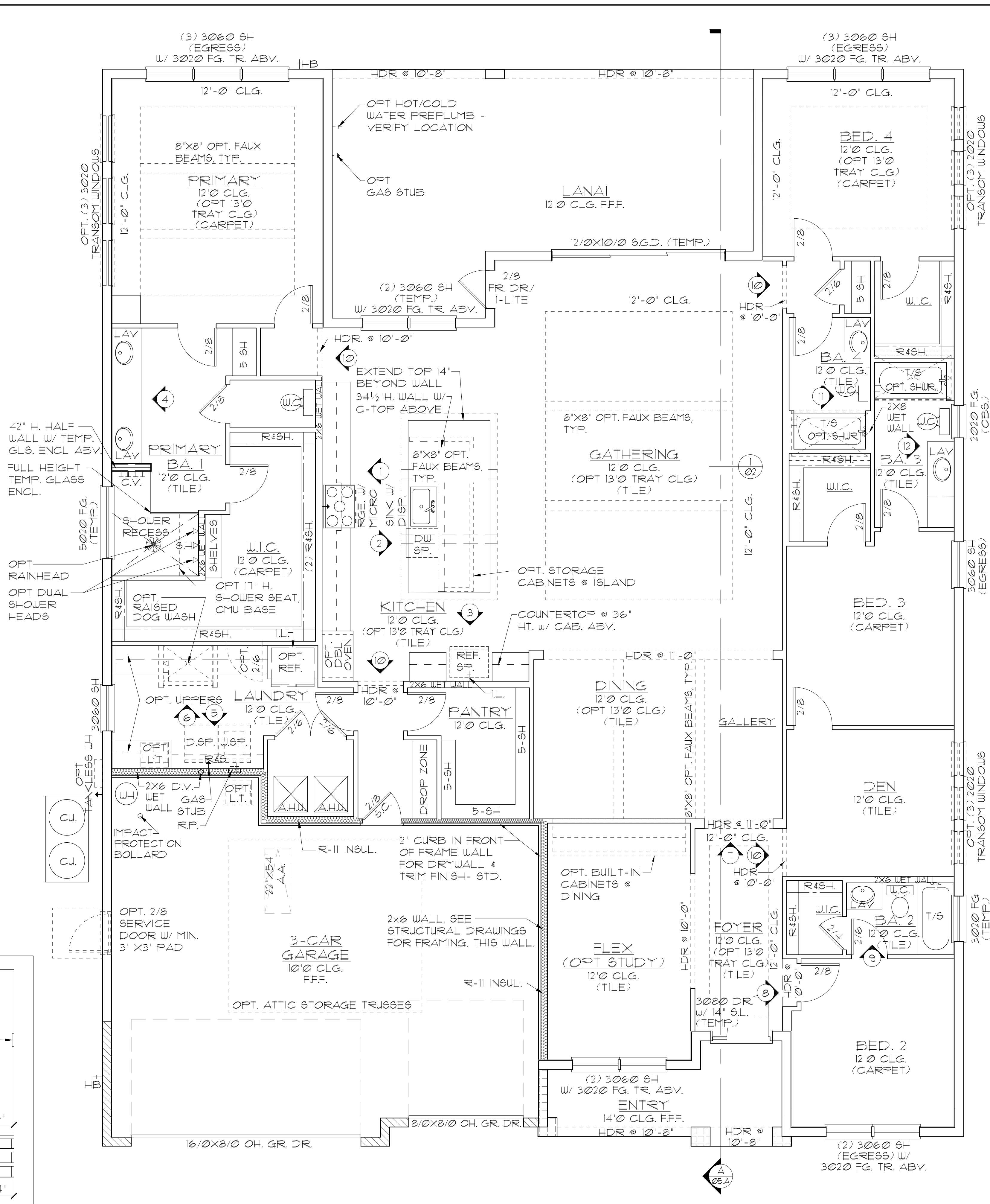
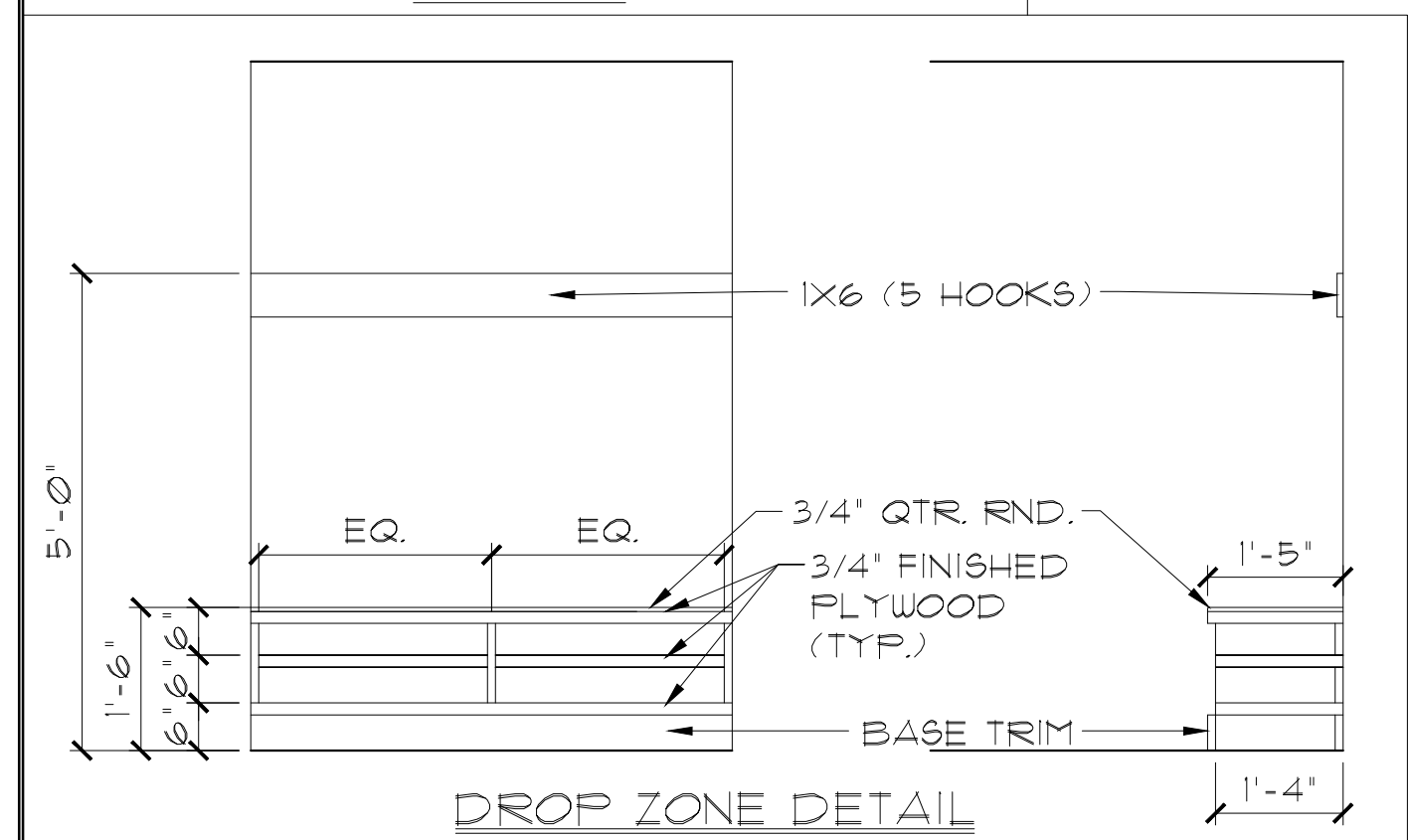
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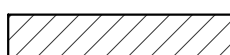
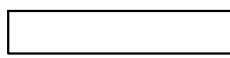
DRAWN: ME

SHEET:

01.A

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.



- | GENERAL NOTES | |
|--|---|
| 1. | CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE. |
| 2. | DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION. |
| 3. | ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3-1/2" UNLESS NOTED OTHERWISE. |
| 4. | ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7-5/8" UNLESS NOTED OTHERWISE. |
| 5. | DOOR FROM HOUSE TO GARAGE MUST BE SOLID WOOD DOOR NO LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK, OR 20 MIN. FIRE RATED IAW R302.5.1 |
| 6. | GARAGE SHALL BE SEPARATED FROM THE RESIDENCE 4 ITS ATTIC AREA BY NOT LESS THAN 1/2" GYP. BD. APPLIED TO THE GAR. SIDE, PROVIDE 5/8" TYPE 'X' GYP. BD. AT CEILING ONLY APPLIED PERPENDICULAR TO CEILING FRAME. |
| 7. | PULL ALL DIMENSIONS FROM THE REAR OF THE PLAN |
| 8. | SEE GENERAL NOTES PAGE FOR ADDITIONAL INFO. |
| WALL LEGEND | |
|  | DENOTES CONC. BLOCK WALL HGT. @ 10'-0" AFF. |
|  | DENOTES CONC. BLOCK WALL HGT. @ 12'-0" AFF. |
|  | DENOTES CONC. BLOCK WALL HGT. @ 14'-0" AFF. |
|  | DENOTES 2x INSULATED FRAME WALL |
| <p style="text-align: center;">NOTE: SEE COLOR SHEET FOR FLOORING & INTERIOR DOOR HEIGHT REQUIREMENTS</p> | |

AREA CALCULATIONS	ELEV A
TOTAL LIVING-----	3,240 SF.
GARAGE-----	118 SF.
ENTRY-----	93 SF.
LANAI-----	421 SF.
TOTAL UNDER ROOF	4,472 SF.

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

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4401 Vineland Road Suite A6 Orlando, FL 32811
Ph: (407) 734-1450
Fax: (407) 734-1790
www.tegfl.com

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

FLOOR PLAN w/ NOTES

3240 GALILEO
SIGNATURE SERIES

REVISIONS	
DELTA $\frac{1}{2}$	DATE

DATE: 02-25-11

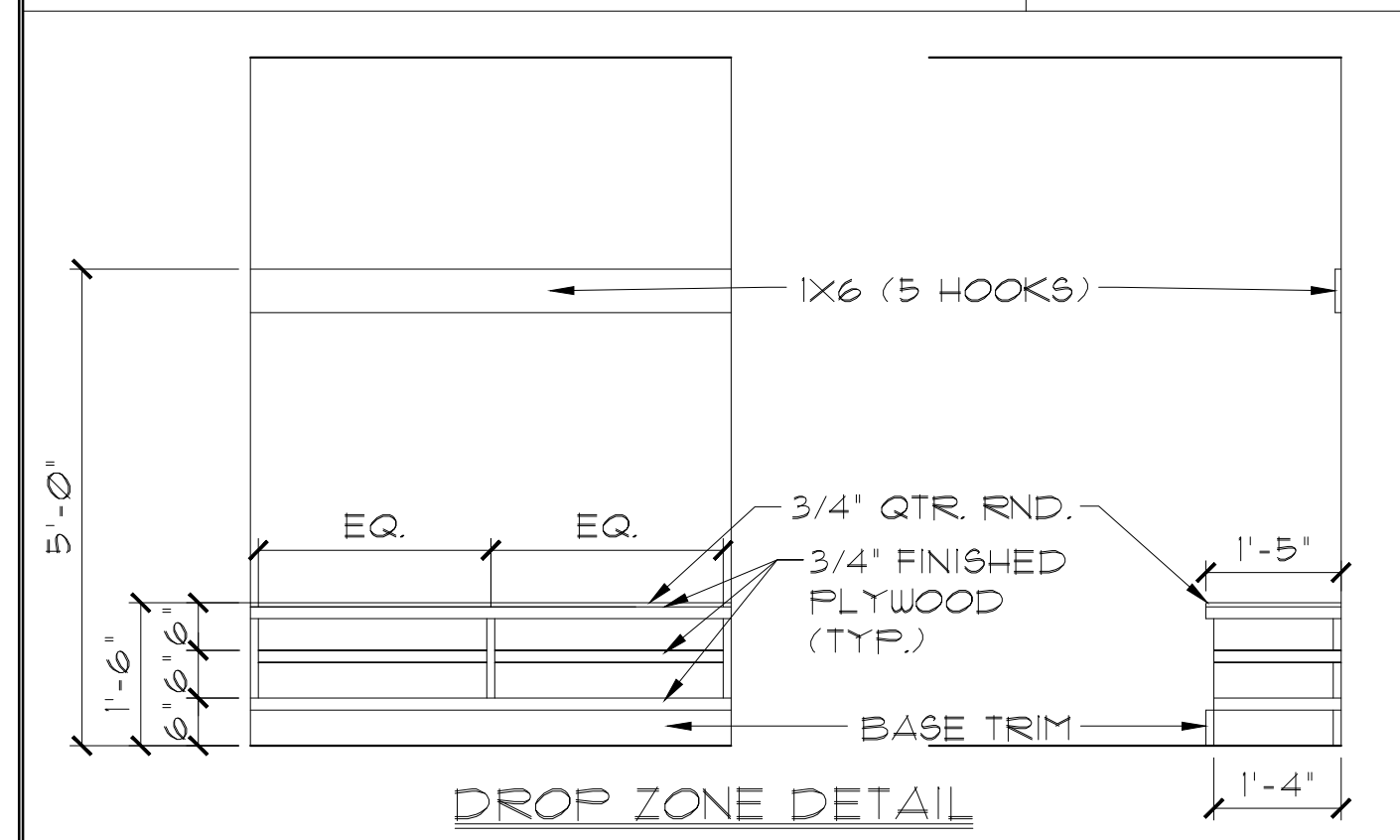
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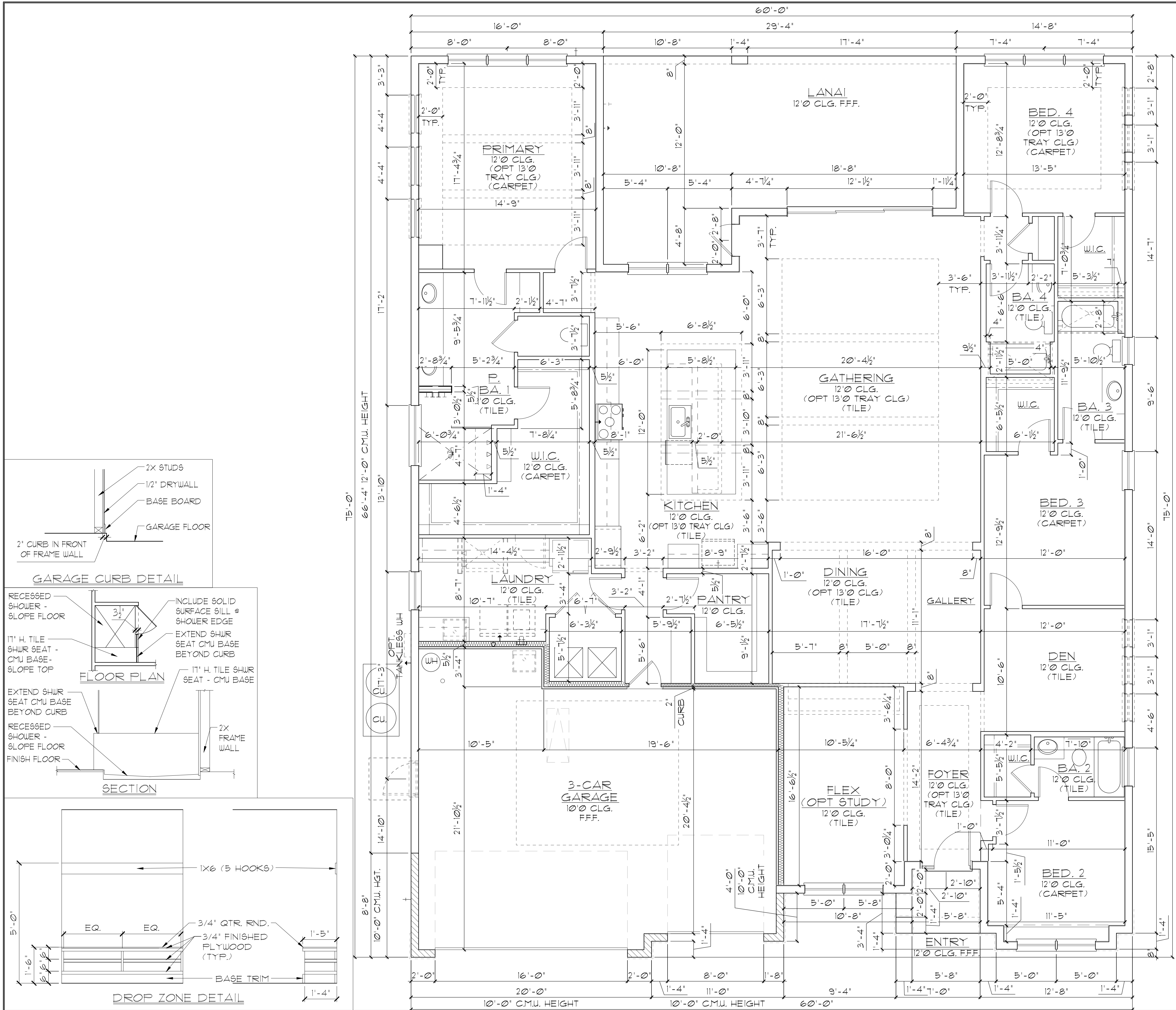
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 Park Square HOMES		 THOMPSON ENGINEERING GROUP, INC. 4401 Vineland Road Suite A6 Orlando, FL 32811 Phone: (407) 294-1700 Fax: (407) 294-1700 www.tegfl.com		A DIVISION OF PARK SQUARE ENTERPRISES, INC. 5200 Vineland Road, Suite 200 Orlando Florida 32811 Phone: (407) 529 - 3000		FLOOR PLAN W/ NOTES		LOT: 0000, COMMUNITY		PARK SQUARE HOMES RESERVES COPYRIGHT & OTHER RIGHTS RESTRICTING THESE DOCUMENTS TO THE ORIGINAL SITE OR PURPOSE FOR WHICH THEY WERE PREPARED. REPRODUCTIONS, CHANGES OR ASSIGNMENTS ARE PROHIBITED.			
		REVISIONS											
DELTA #		DATE											
DATE:		02-25-25											
SCALE:		AS NOTED											
DRAWN:		TJR											
SHEET:		02.B											
3240 GALILEO		SIGNATURE SERIES											

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

WALL LEGEND

	DENOTES CONC. BLOCK WALL HGT. @ 10'-0" AFF.
	DENOTES CONC. BLOCK WALL HGT. @ 12'-0" AFF.
	DENOTES 2x INSULATED FRAME WALL

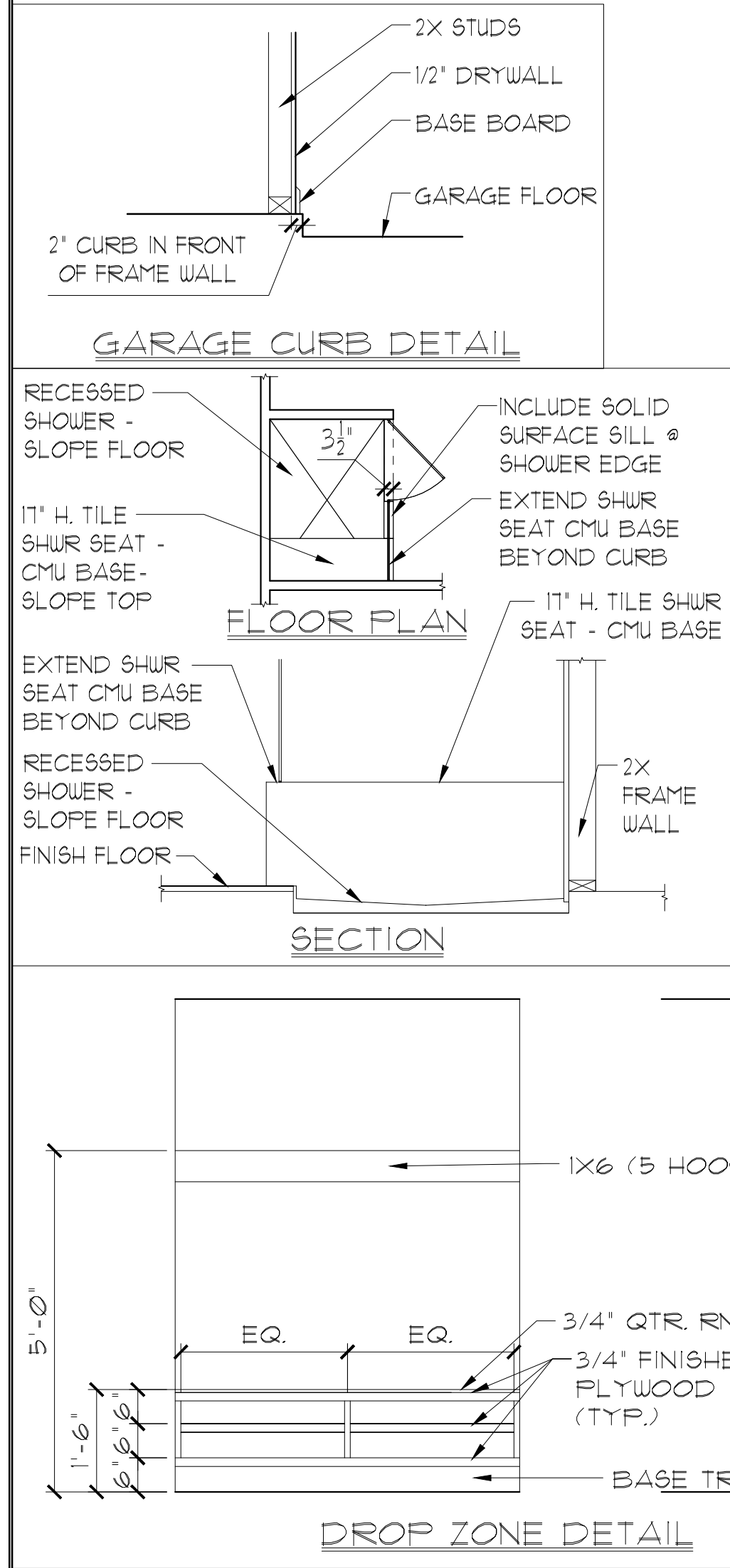
NOTE: SEE COLOR SHEET FOR FLOORING & INTERIOR DOOR HEIGHT REQUIREMENTS

AREA CALCULATIONS

	ELEV B
TOTAL LIVING	3,235 SF.
GARAGE	718 SF.
ENTRY	35 SF.
LANAI	421 SF.
TOTAL UNDER ROOF	4,409 SF.

ELEVATION B STD FLOOR PLAN W/ DIMENSIONS

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



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Orlando, Florida 32811
Phone: (407) 629 - 3000

Park Square HOMES

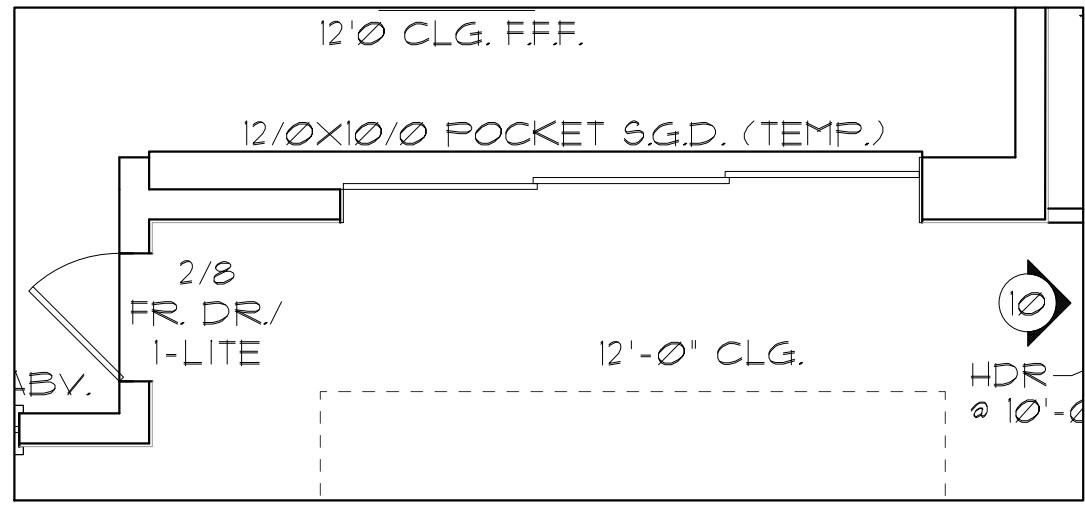
FLOOR PLAN
W/ DIMENSIONS

3240 GALILEO

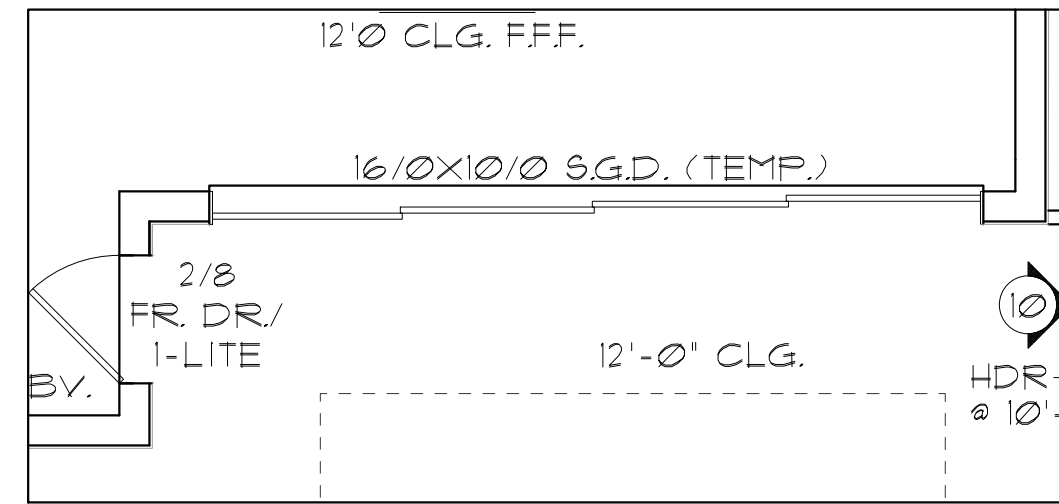
SIGNATURE SERIES

REVISIONS	
DELTA #	DATE

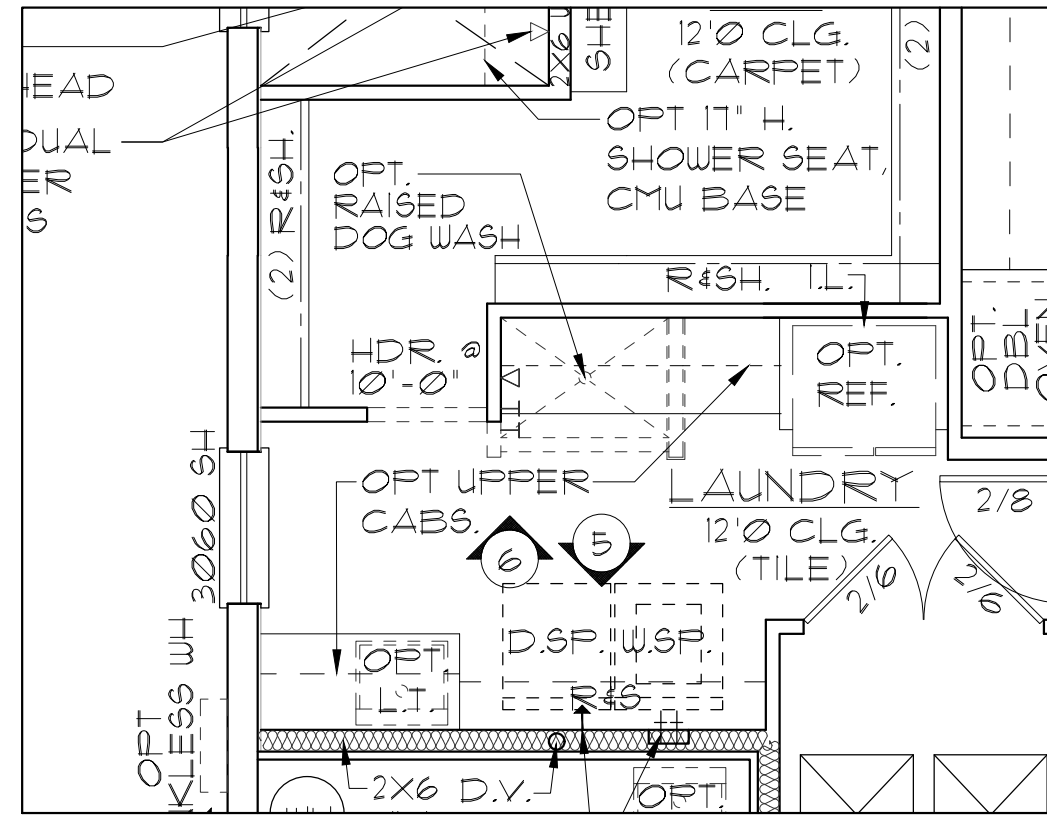
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DRAWN: M/R
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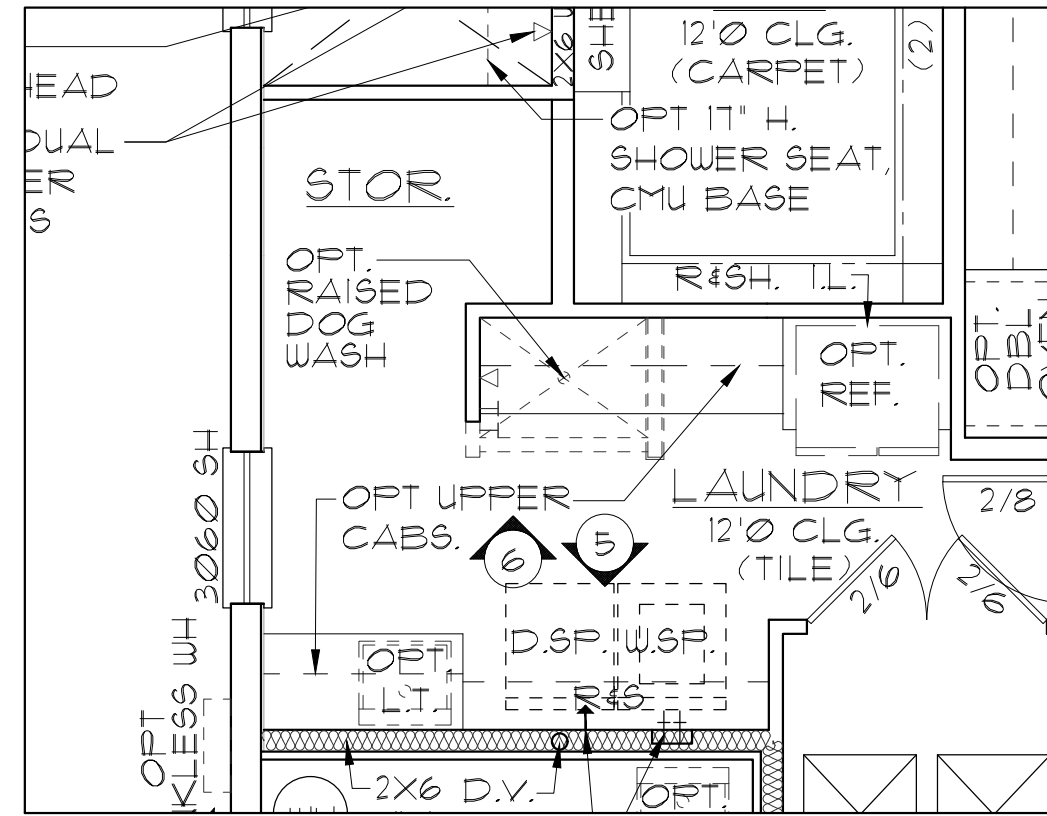
OPT 12' POCKET S.G.D.



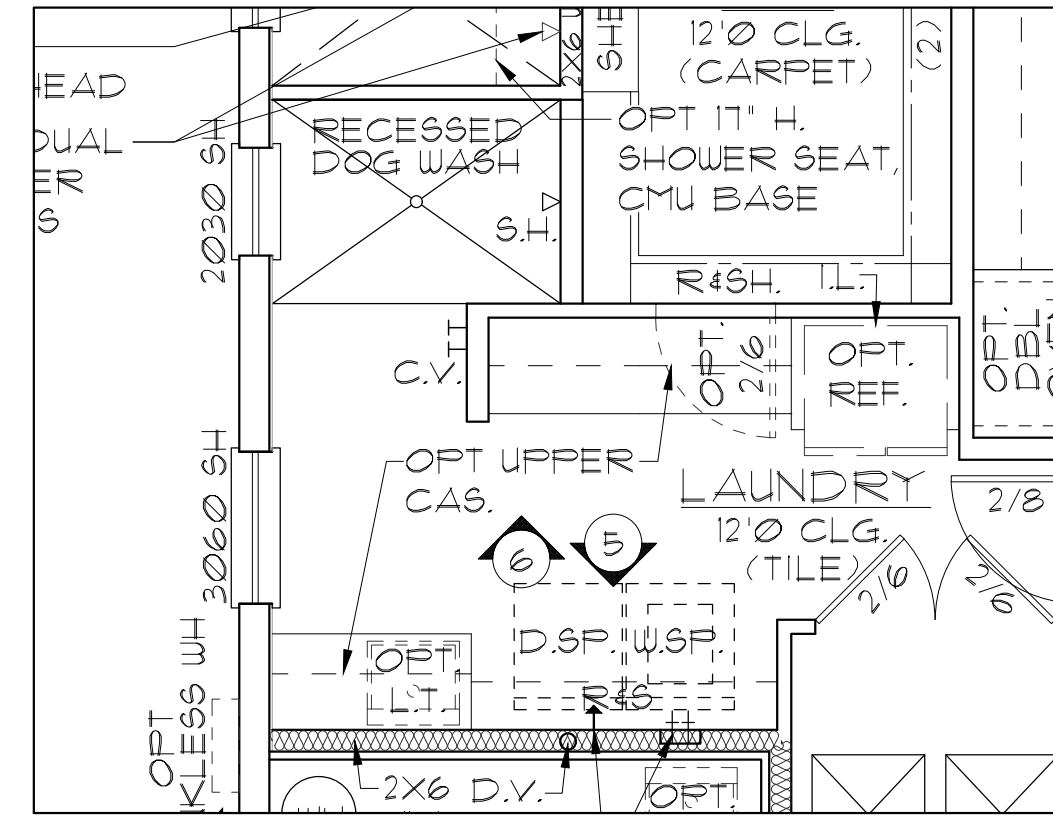
OPT 16' S.G.D.



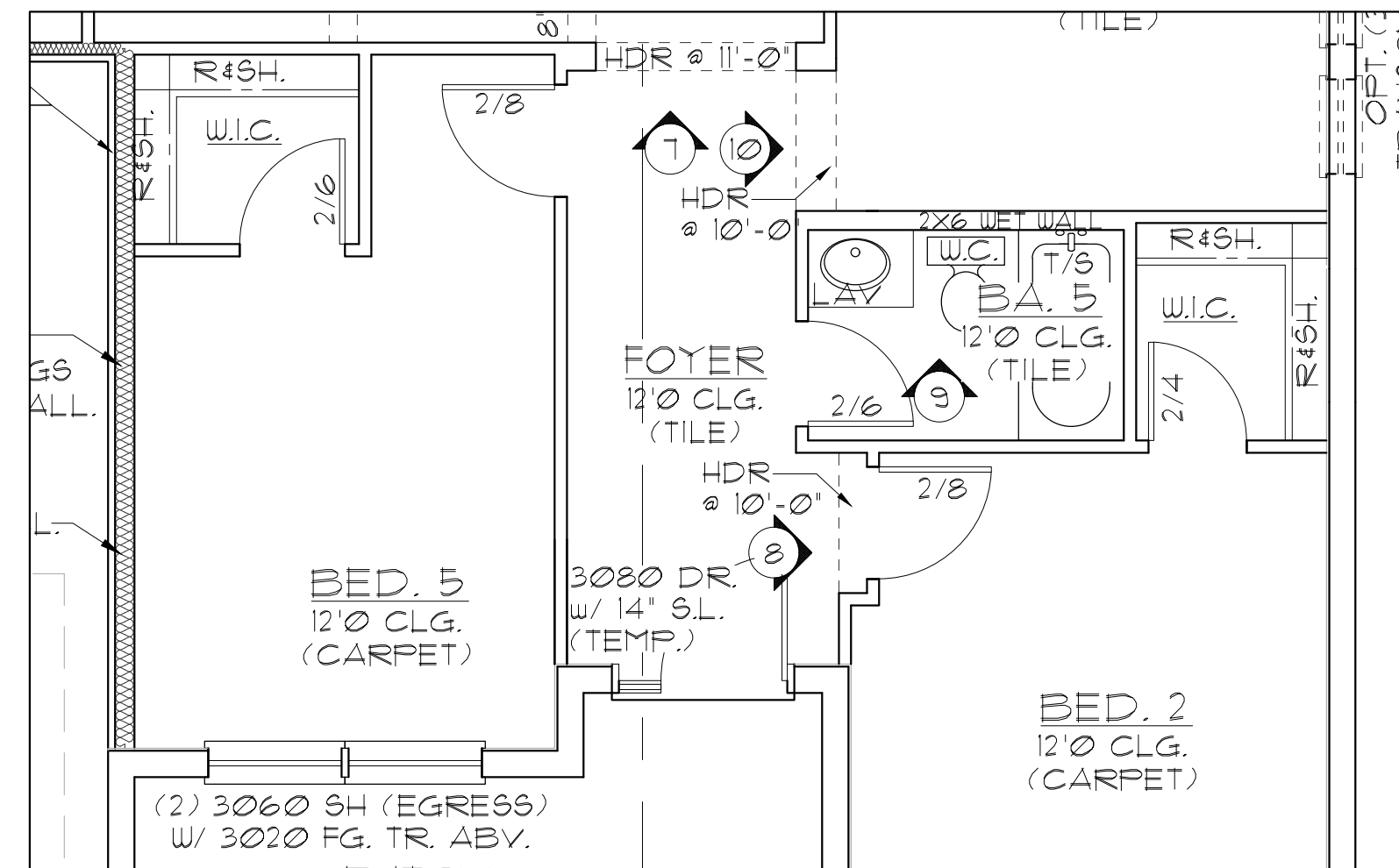
OPT W.I.C. PASS-THRU
@ LAUNDRY



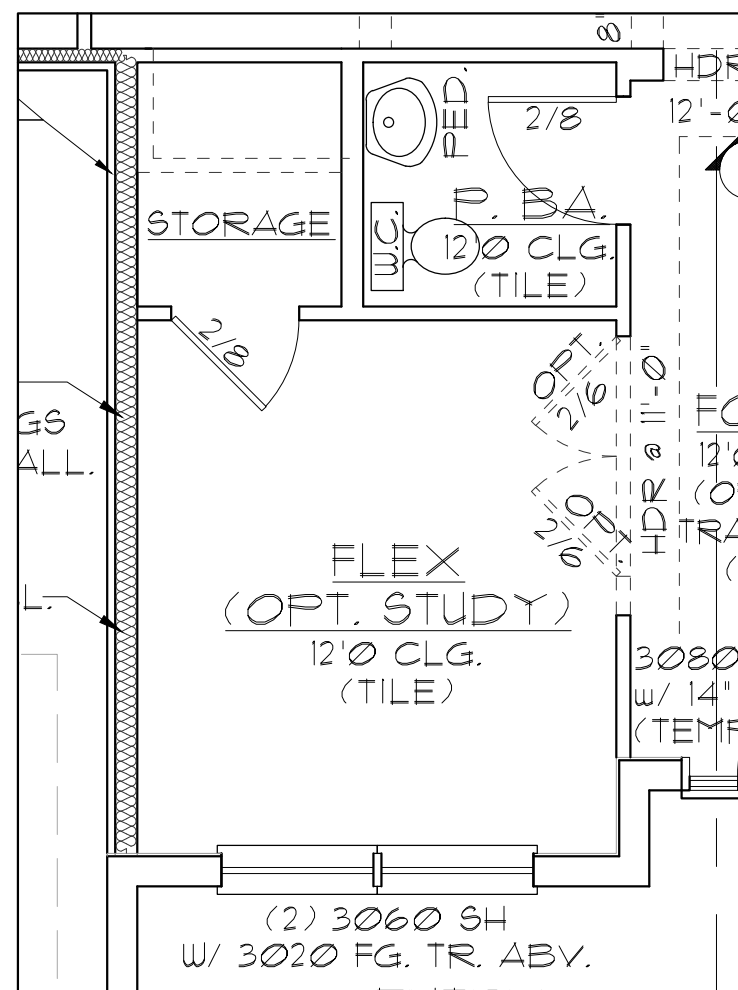
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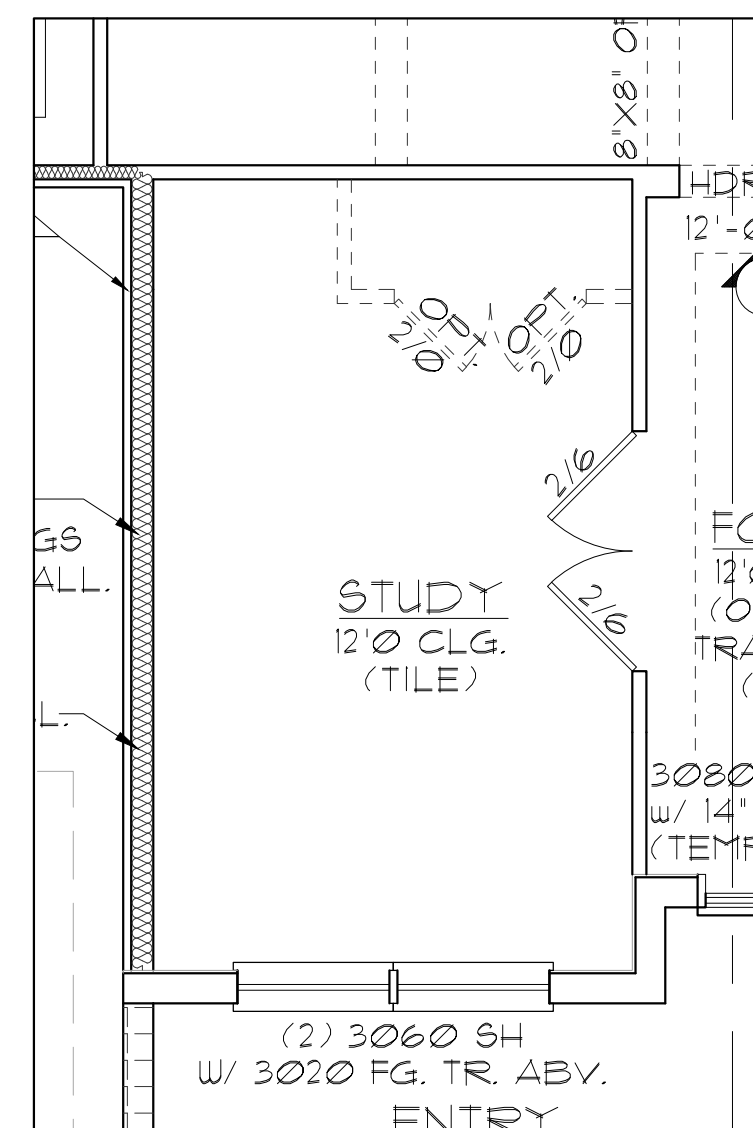
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WASH @ LAUNDRY



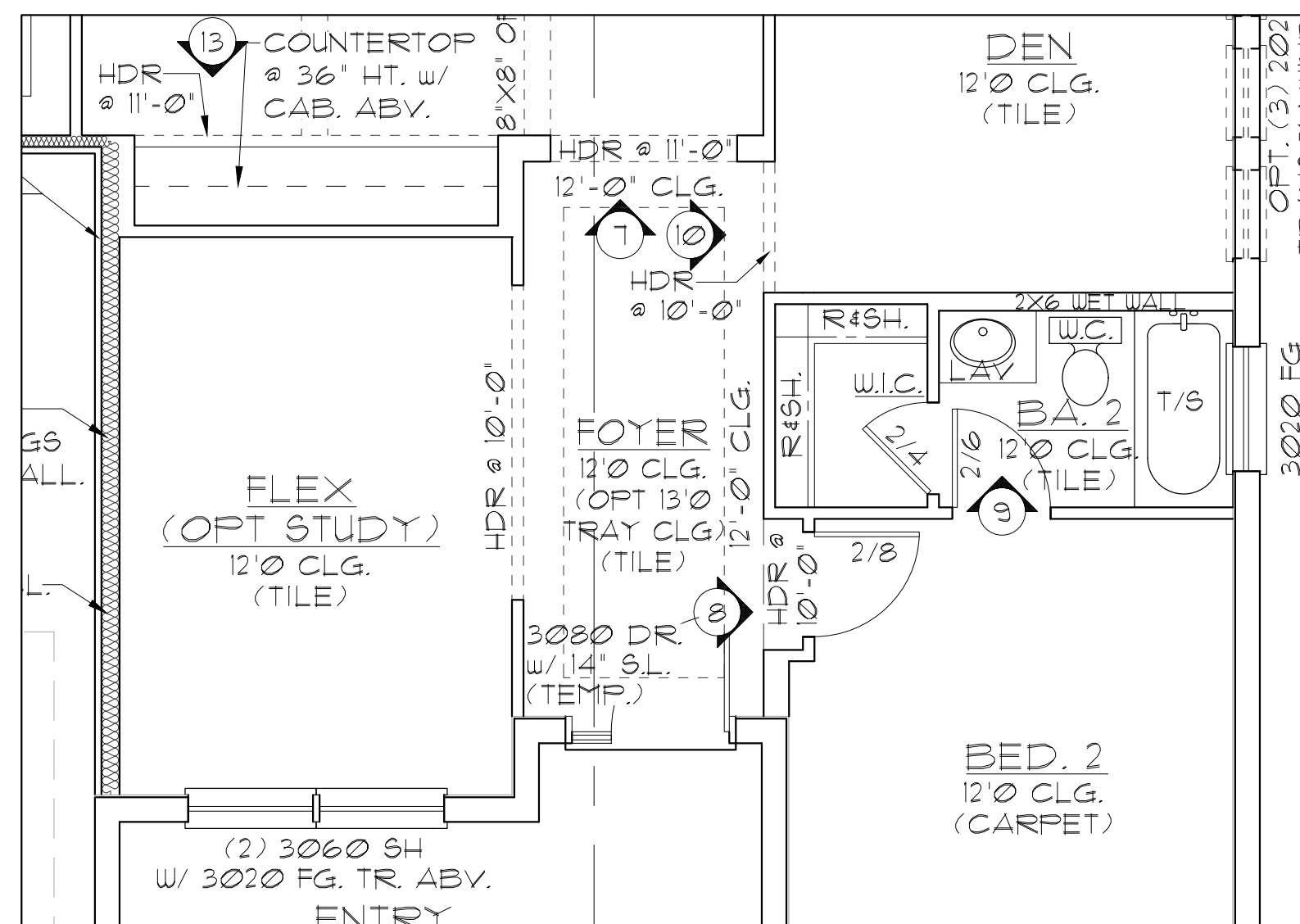
OPT BEDROOM 5 & BATH 5



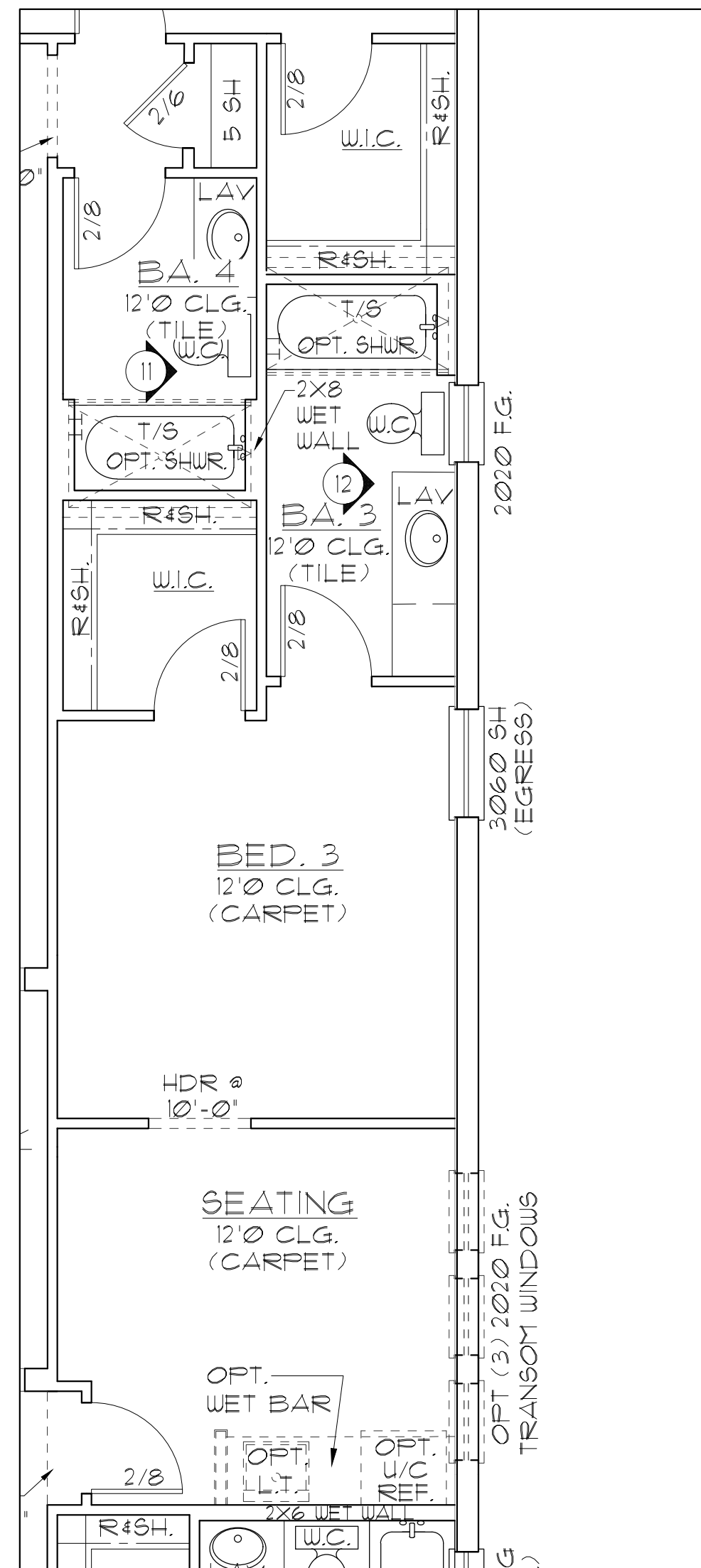
OPT POWDER
BATH @ FOYER



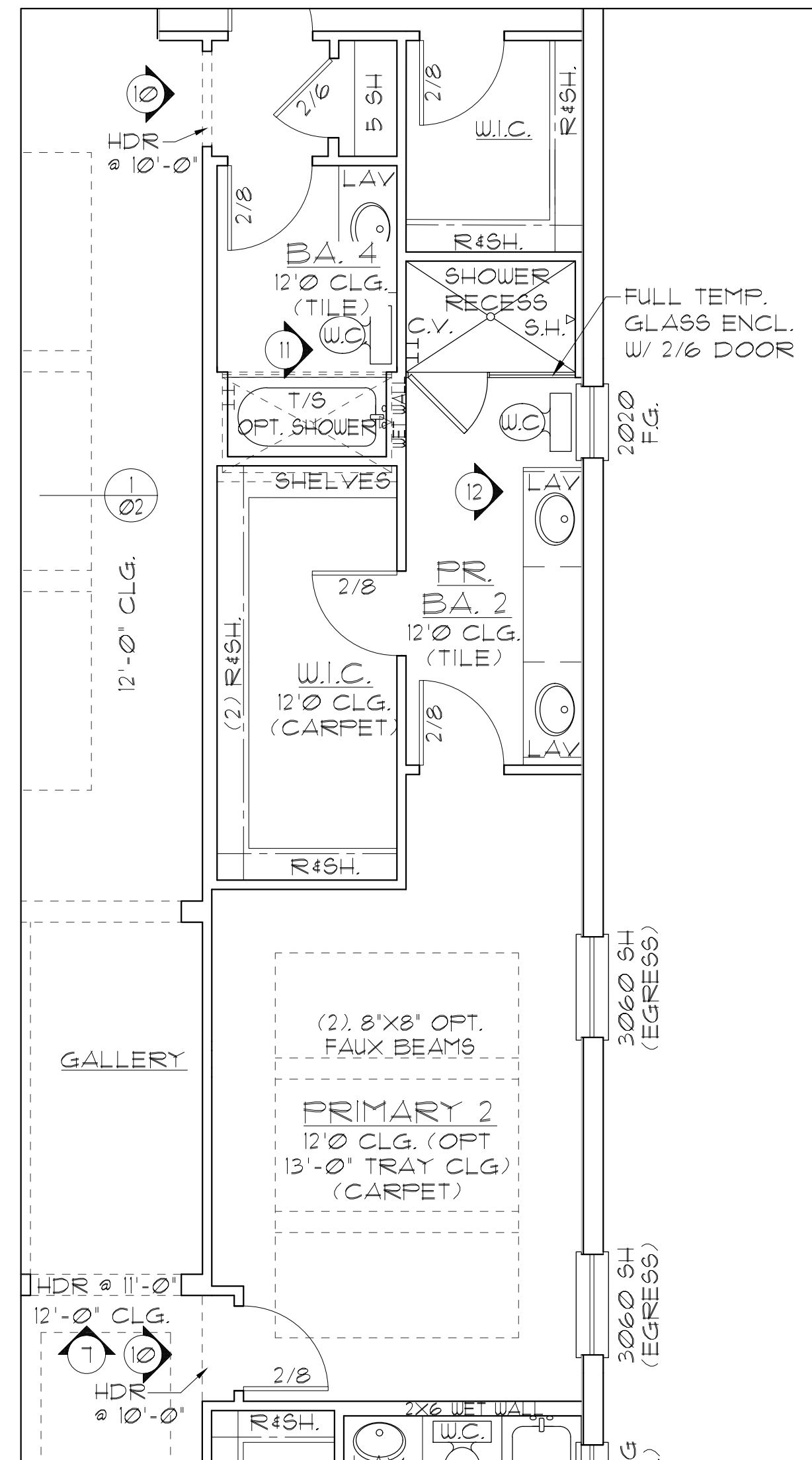
OPT STUDY



STD FLEX W/ OPT BUILT-IN
CABINETS @ DINING



OPT MULTIGEN
SUITE



OPT PRIMARY #2

OPTIONS
FLOOR PLAN W/ NOTES

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

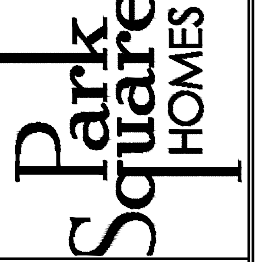
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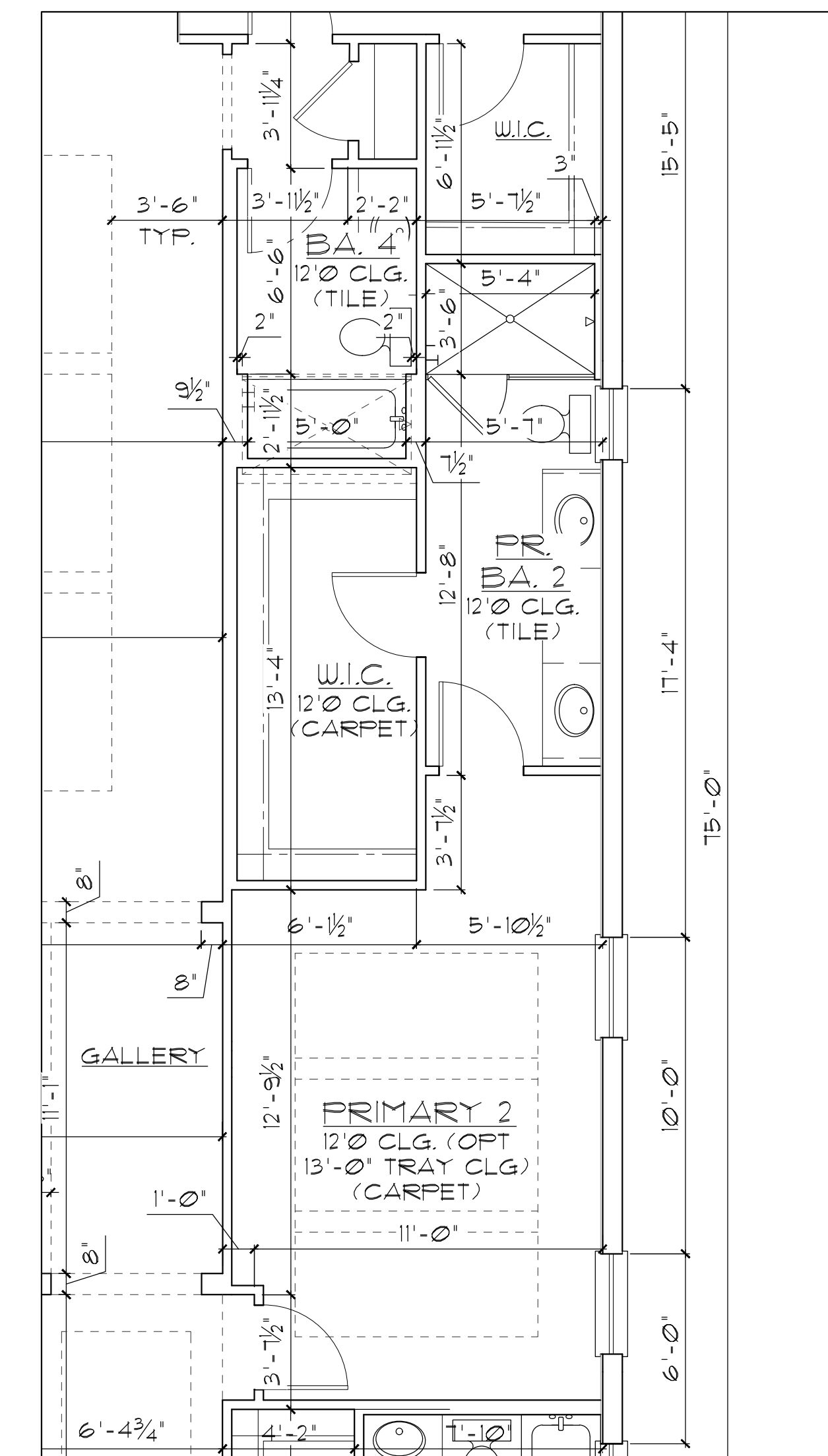
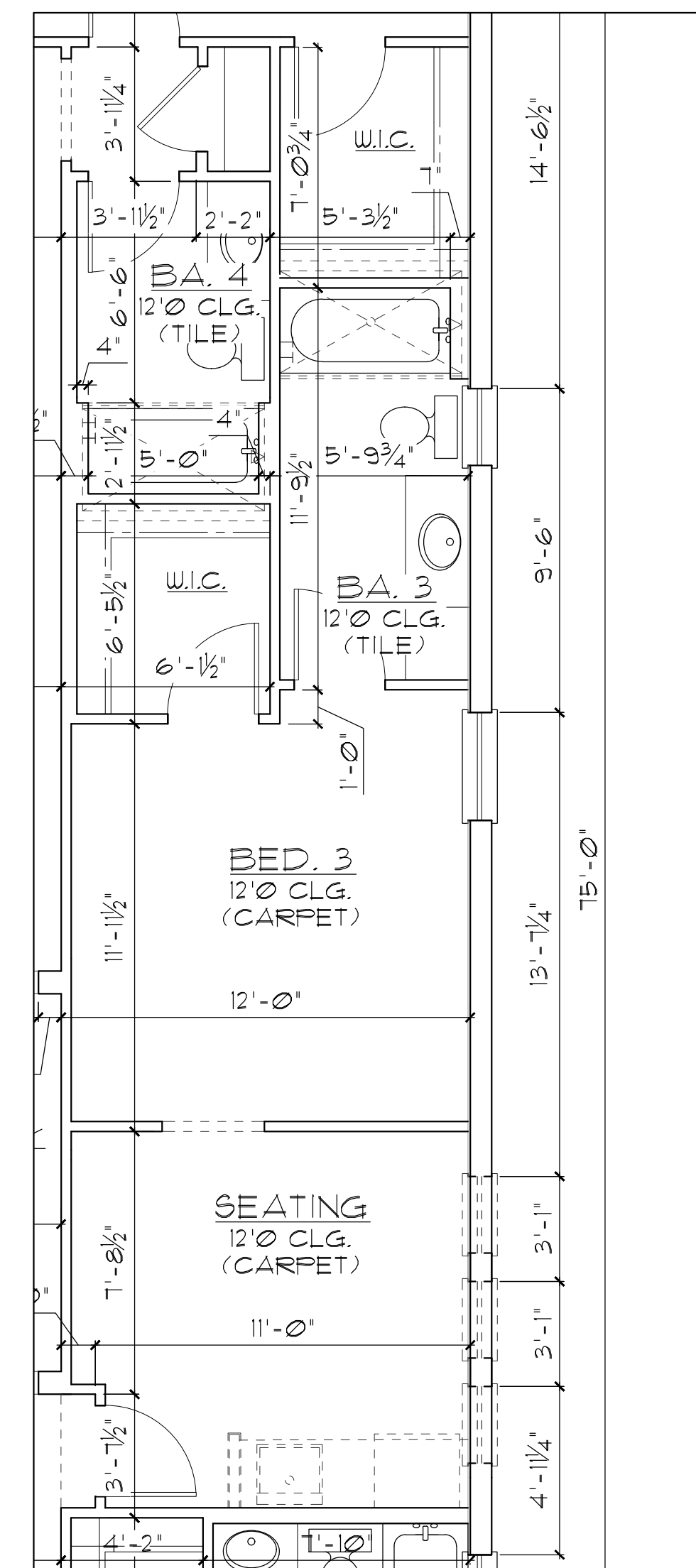
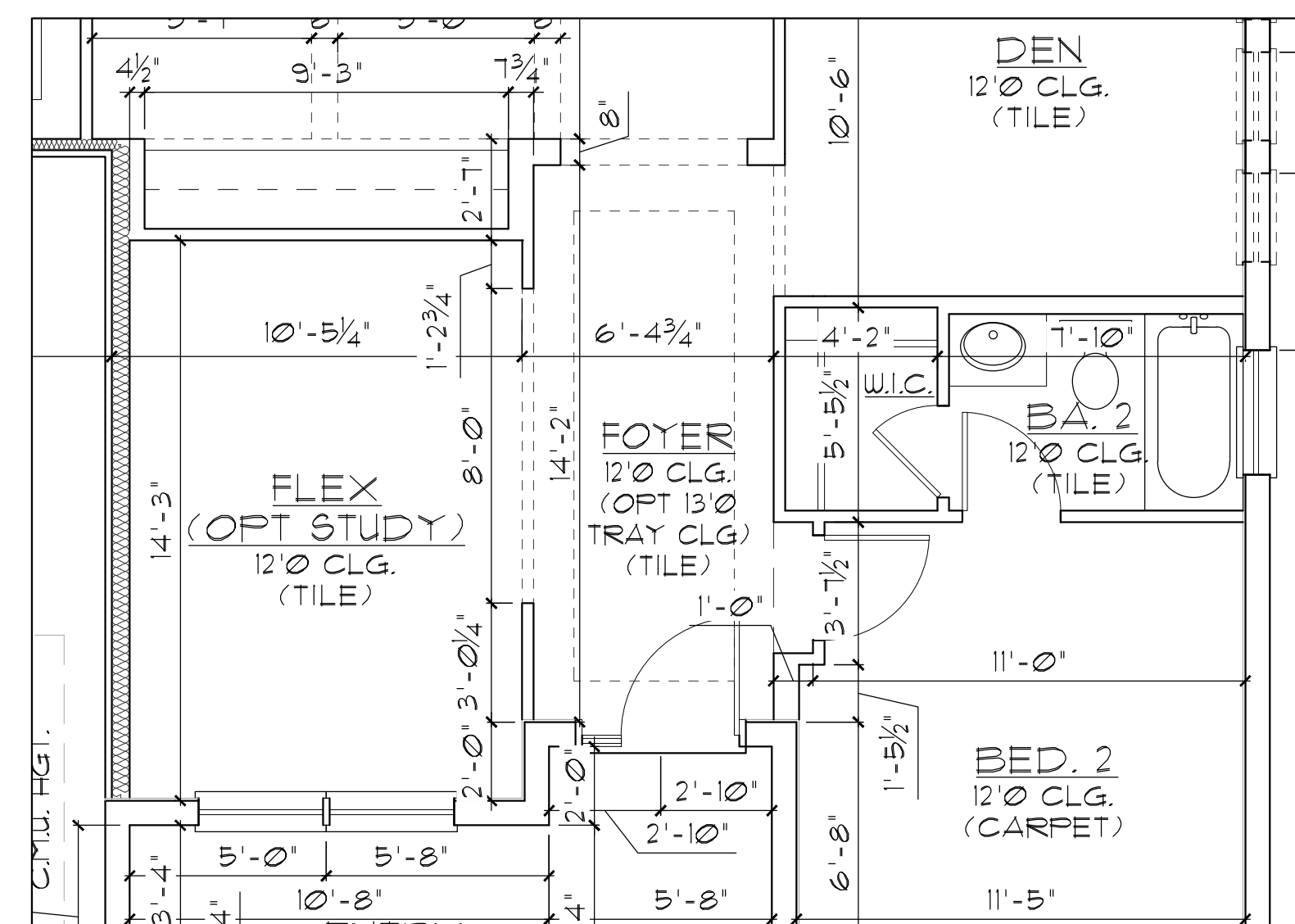
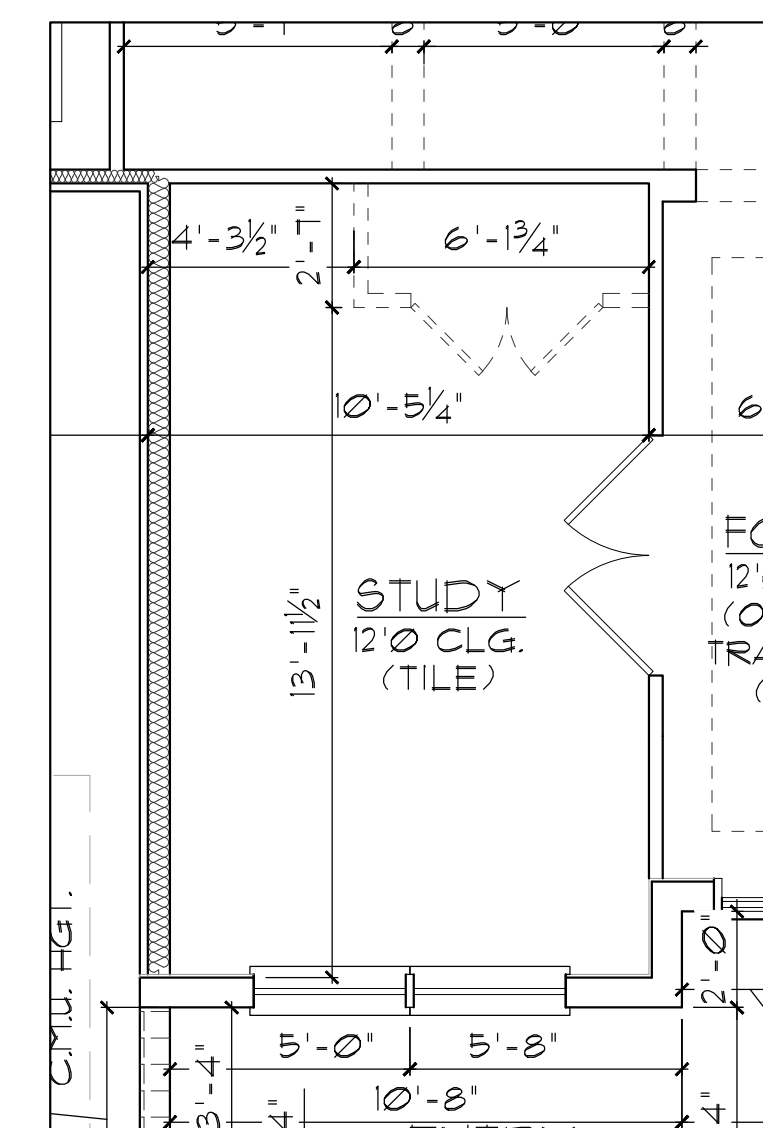
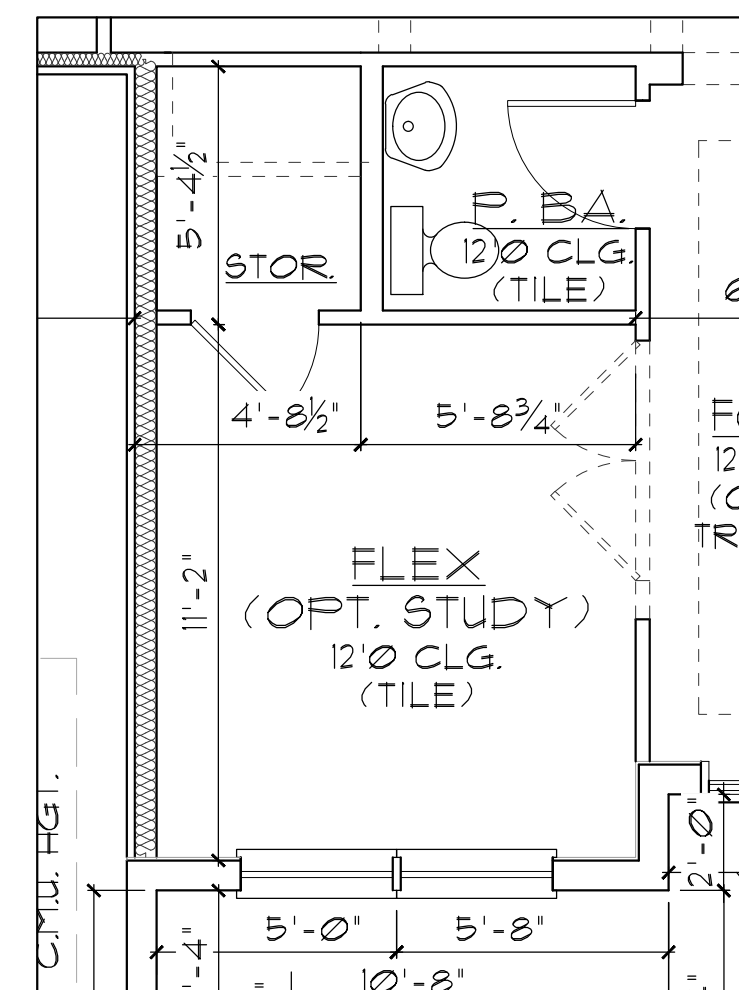
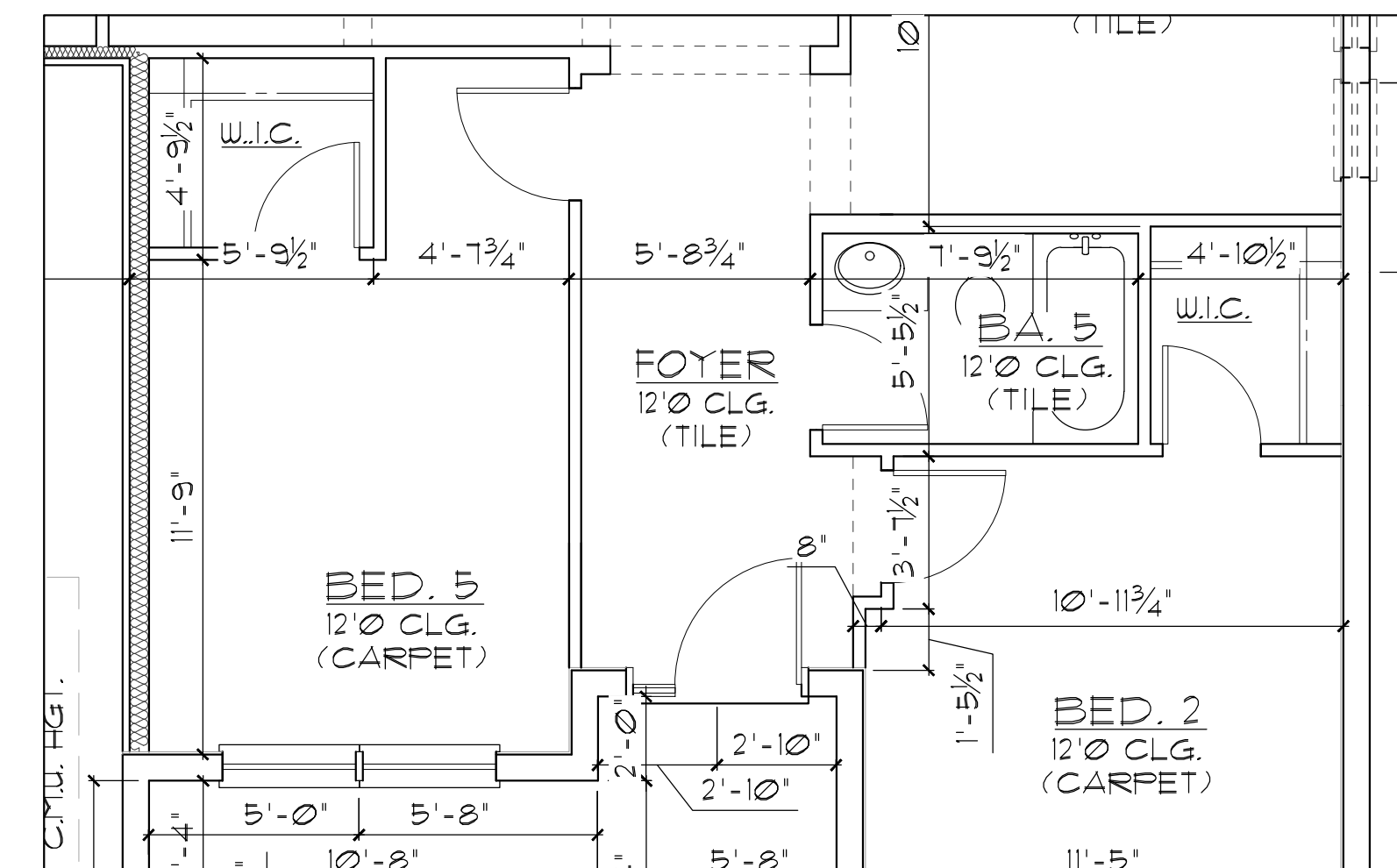
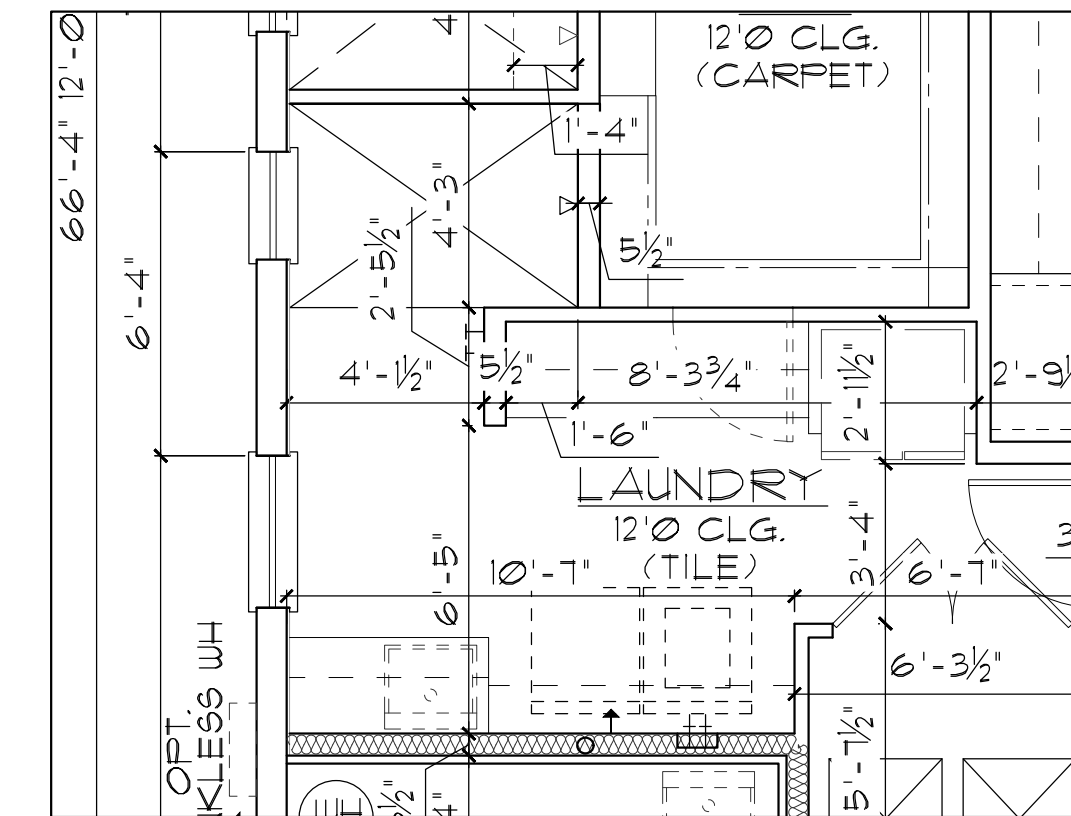
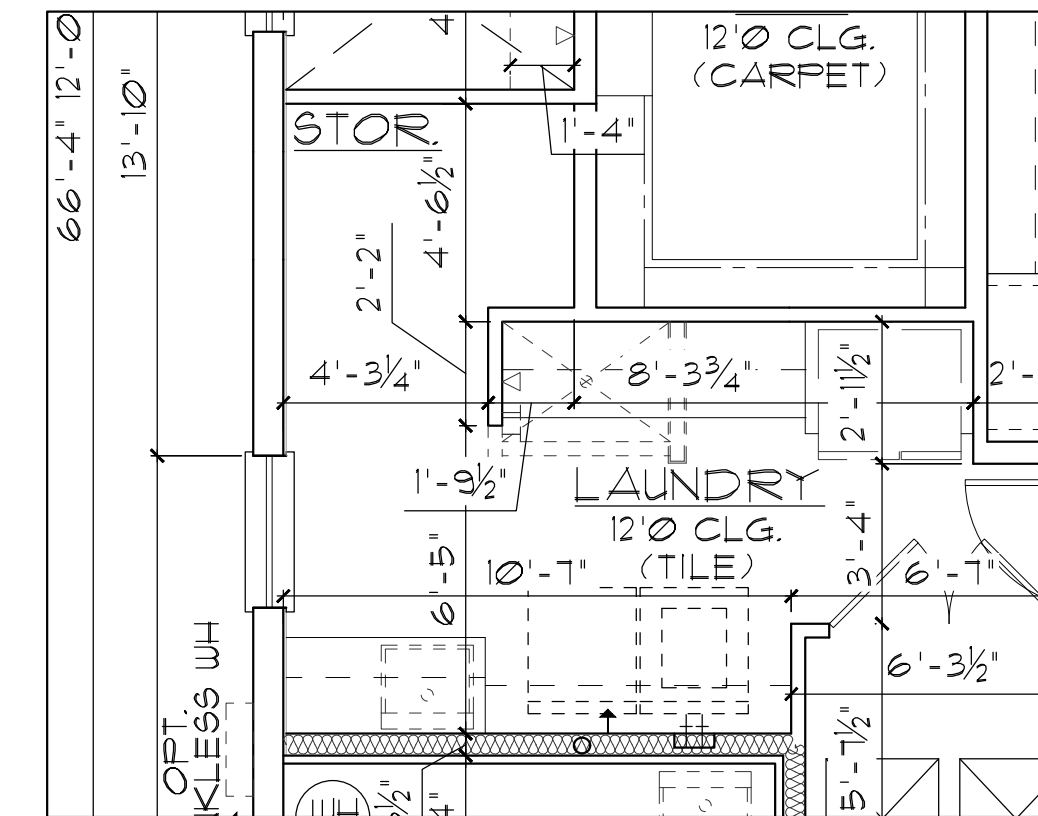
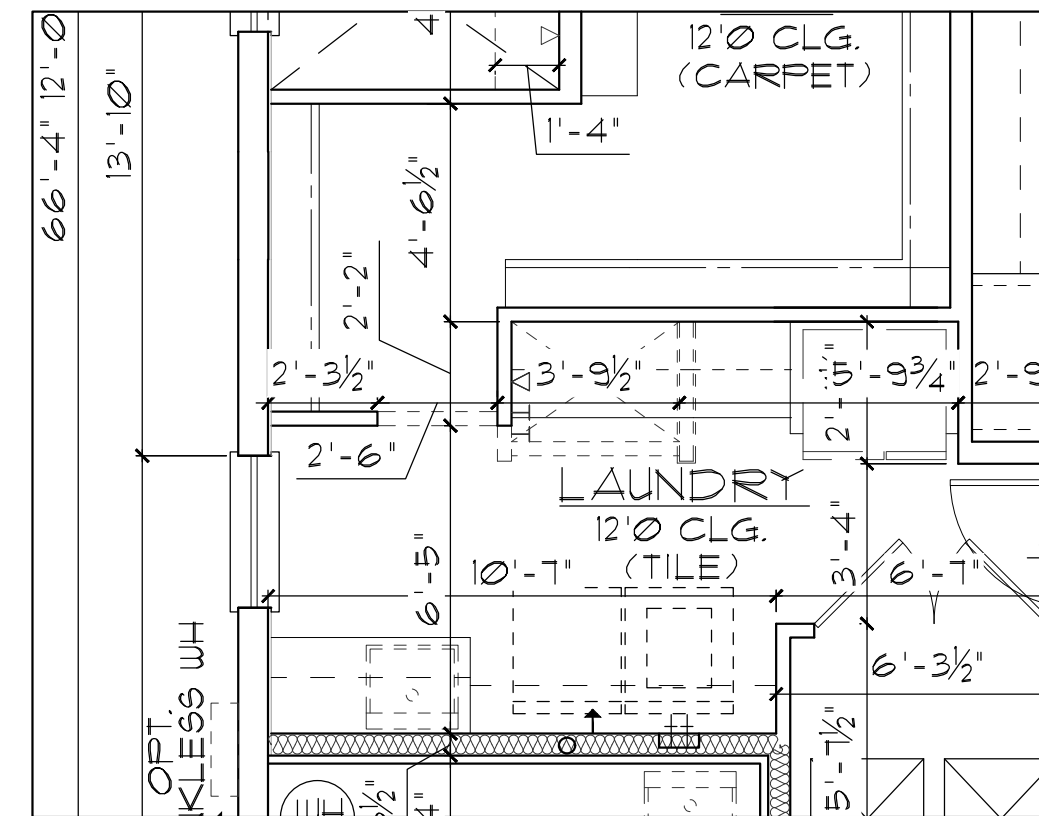
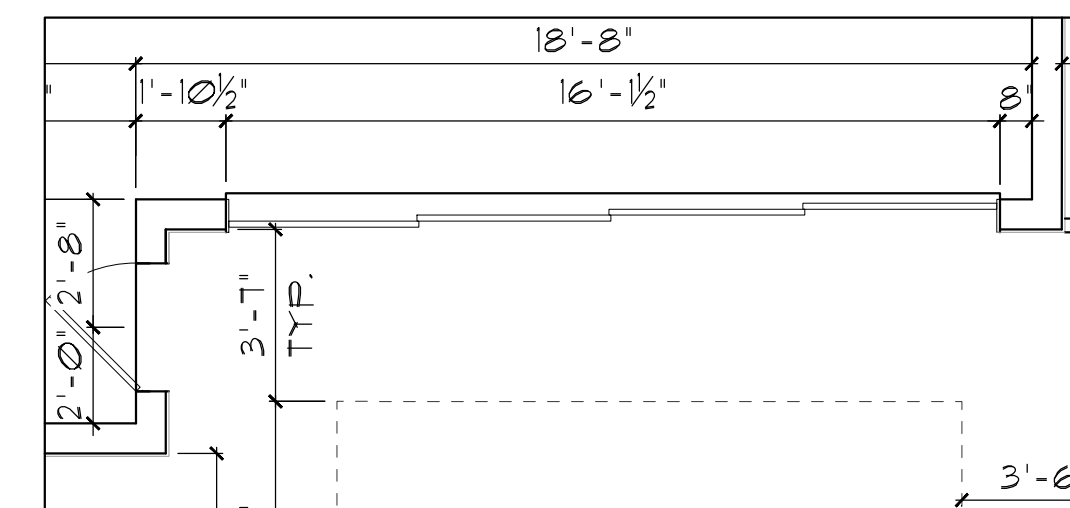
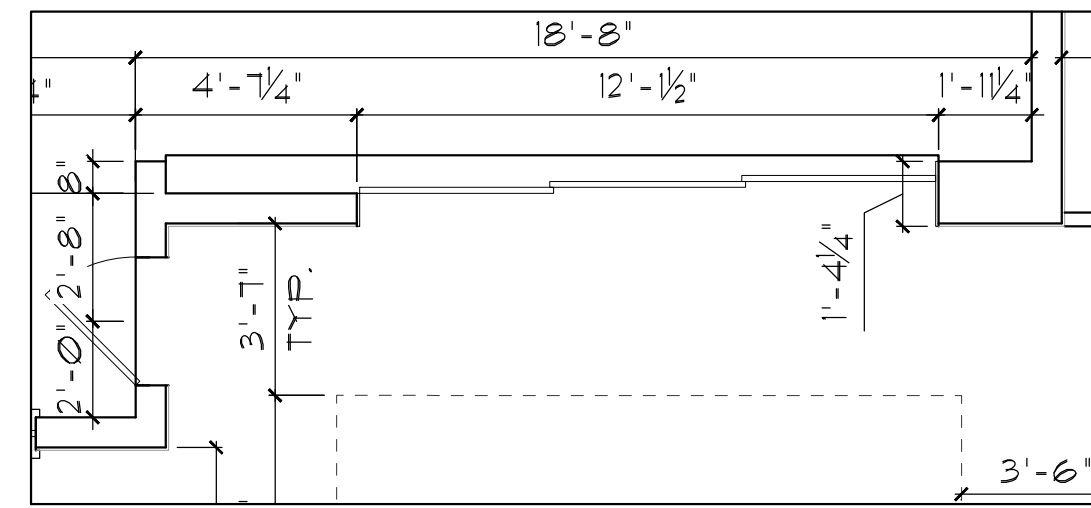
FLOOR PLAN W/ NOTES

3240 GALILEO

SIGNATURE SERIES

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

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Phone: (407) 529 - 3000

Park Square HOMES

FLOOR PLAN W/ DIMENSIONS

3240 GALILEO

SIGNATURE SERIES

REVISIONS

DELTA # DATE

DATE: 02-25-2010

SCALE: AS NOTE

DRAWN: M

SHEET:

02.1

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



ELEVATION A
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.

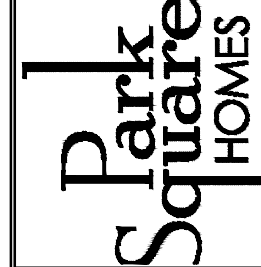
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EXTERIOR ELEVATION
FRONT AND REAR

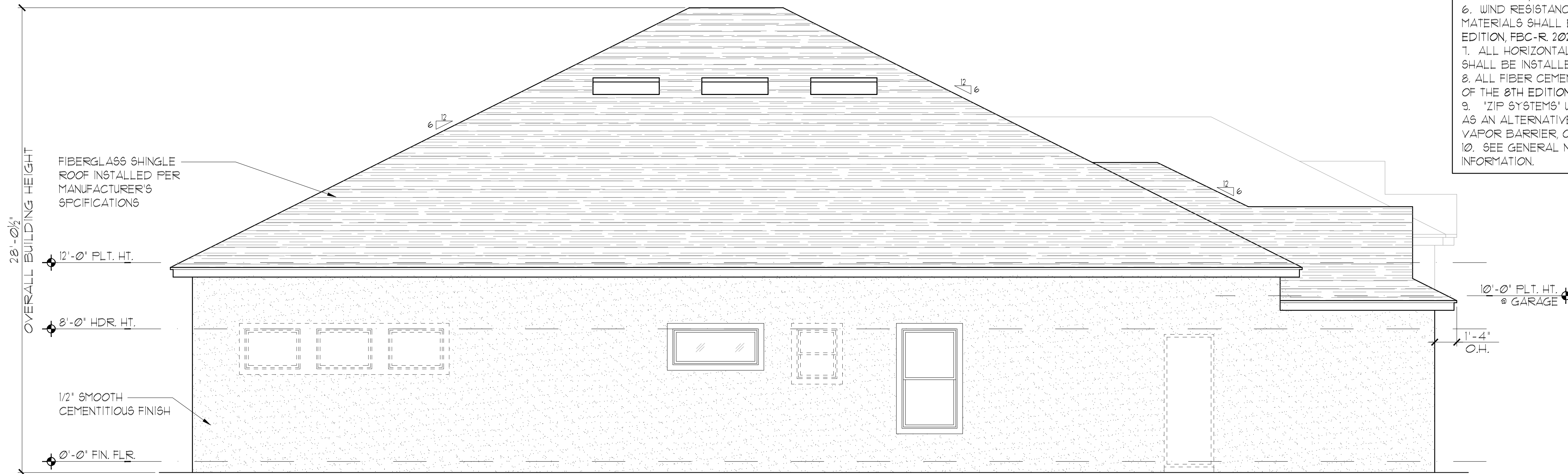
3240 GALILEO

SIGNATURE SERIES

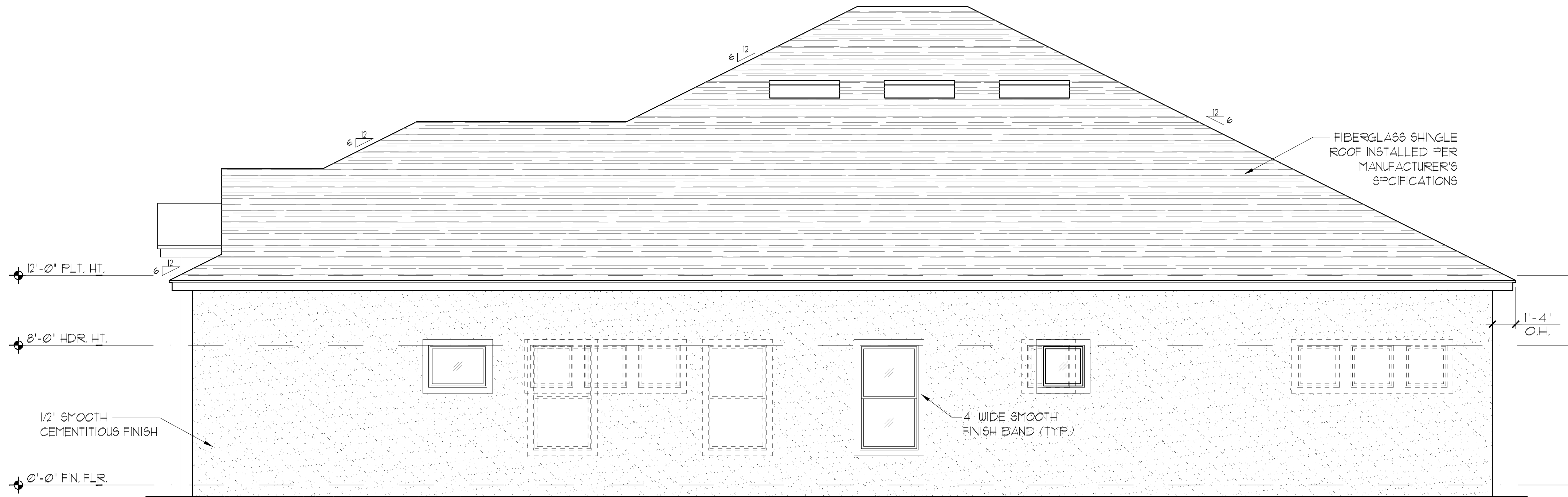
REVISIONS

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

03.A



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



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

EXTERIOR FINISH NOTES

1. LATH TO BE ATTACHED IAW R103.11 OF THE 8TH EDITION, FBC-R, 2023 & ASTM C1063 OR C1787.
2. PLASTERING TO BE INSTALLED IAW R103.1 & R103.12 OF THE 8TH EDITION, FBC-R, 2023
3. WEEP SCREED TO BE INSTALLED IAW R103.12.1 OF THE 8TH EDITION, FBC-R, 2023 & ASTM C926.
4. WATER RESISTANT BARRIER TO BE INSTALLED IAW R103.2 & R103.13 OF THE 8TH EDITION, FBC-R, 2023.
5. FLASHING TO BE INSTALLED IAW R103.4 OF THE 8TH EDITION, FBC-R, 2023.
6. WIND RESISTANCE OF WALL COVERINGS & BACK MATERIALS SHALL BE IAW R103.12 OF THE 8TH EDITION, FBC-R, 2023
7. ALL HORIZONTAL & VERTICAL CONTROL JOINTS SHALL BE INSTALLED IAW ASTM 1063.
8. ALL FIBER CEMENT SIDING SHALL BE IAW R103.1 OF THE 8TH EDITION, FBC-R, 2023.
9. "ZIP SYSTEMS" WALL SHEATHING MAY BE USED AS AN ALTERNATIVE FOR WALL SHEATHING AND VAPOR BARRIER, ON EXTERIOR FRAME WALLS.
10. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFORMATION.

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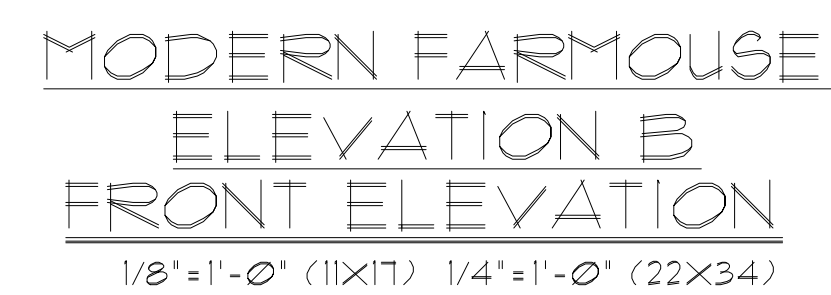
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Orlando, Florida 32811

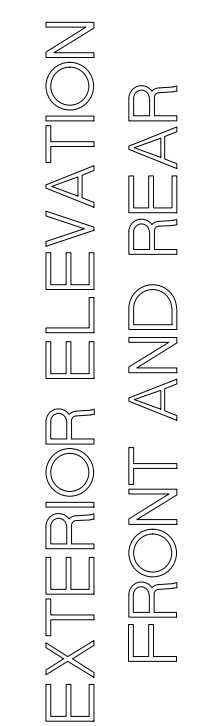
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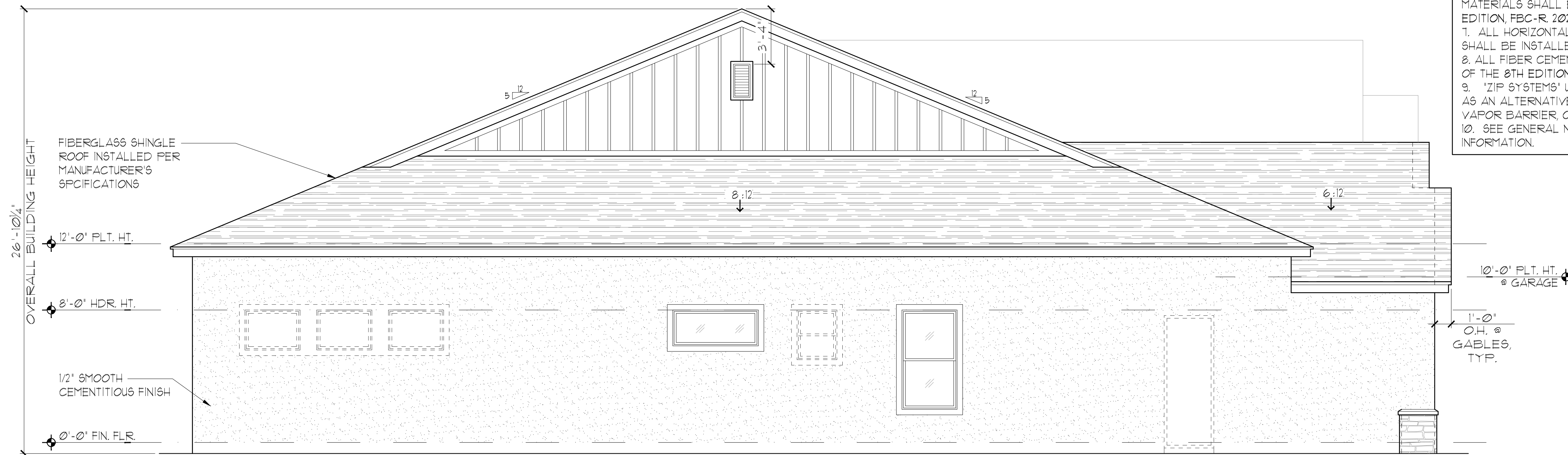


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SIGNATURE SERIES

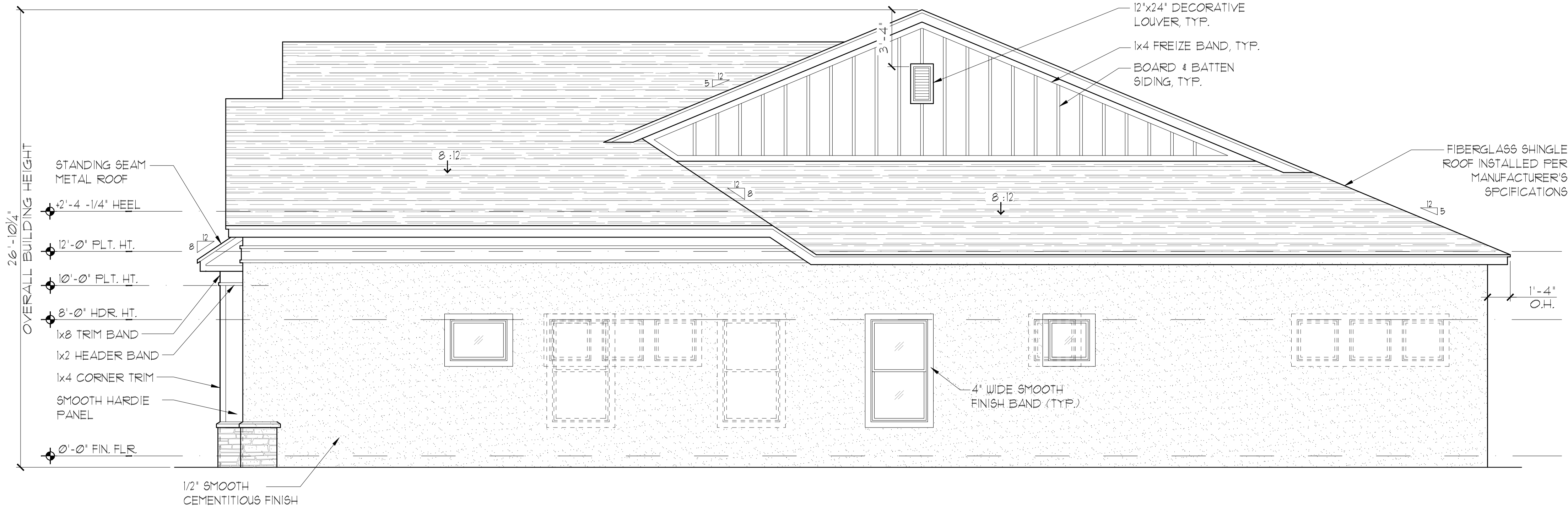
03.B

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- EXTERIOR FINISH NOTES
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 10. SEE GENERAL NOTES PAGE FOR ADDITIONAL INFORMATION.

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



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

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DELTA #	DATE

DATE: 02-25-25

SCALE: AS NOTED

DRAWN: MR

SHEET: 03.1B

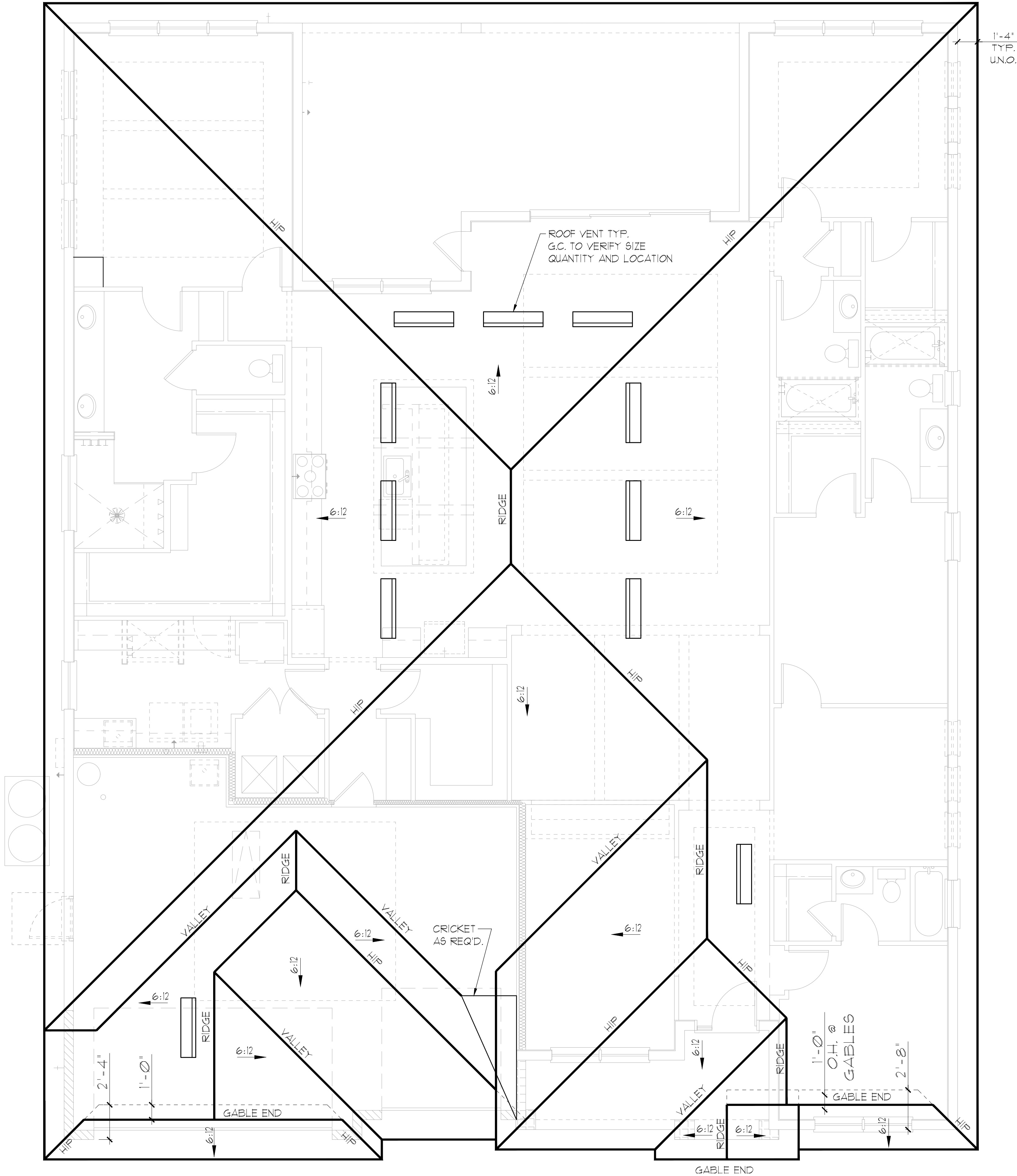
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EXTERIOR ELEVATION
LEFT AND RIGHT

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Orlando, FL 32811
Phone: (407) 734-1700
www.ttegroup.com



GENERAL NOTES

ENCLOSED ATTIC SPACES AND ENCLOSED RAFTER SPACES FORMED WHERE CEILINGS ARE APPLIED DIRECTLY TO THE UNDERSIDE OF ROOF RAFTERS SHALL HAVE CROSS VENTILATION FOR EACH SEPARATE SPACE BY VENTILATING OPENINGS PROTECTED AGAINST THE ENTRANCE OF RAIN OR SNOW. MINIMUM NET FREE VENTILATING AREA SHALL NOT BE LESS THAN 1/150 OF THE AREA OF THE VENTED SPACE, (EXCEPT THAT THE REDUCTION OF THE TOTAL AREA TO 1/300 IS PERMITTED, PROVIDED THAT AT LEAST 40% AND NOT MORE THAN 50% OF THE REQUIRED VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED AT NO MORE THAN 3 FEET BELOW THE RIDGE OR HIGHEST POINT OF SPACE, MEASURED VERTICALLY, WITH THE BALANCE OF THE REQUIRED VENTILATION PROVIDED BY EAVE OR CORNICE VENTS.)

1. PLAN SHOWS APPROXIMATE VENT LOCATIONS AND STILL REQUIRES REVIEW BY THE BUILDER/G.C. TO VERIFY ALL VENTING COMPONENTS ARE INSTALLED PER THE MIN. REQUIREMENTS AS STATED IN THE CURRENT EDITION OF THE FBC(R) SECTION R206 AND ALL SUBSEQUENT SUB-SECTIONS.
2. WHERE EAVE OR CORNICE VENTS ARE INSTALLED, PROVIDE BAFFLES TO MAINTAIN A MIN. 1" AIRSPACE BETWEEN INSULATION AND ROOF SHEATHING AND AT THE LOCATION OF THE VENT.
3. VENTILATION OPENINGS SHALL HAVE A LEAST DIMENSIONS OF 1/16" MIN. AND 1/4" MAX. VENTILATION OPENINGS HAVING A LEAST DIMENSION GREATER THAN 1/4" SHALL BE PROVIDED WITH AN APPROVED CORROSION PROTECTIVE COVER HAVING A LEAST DIMENSIONS OF 1/16" AND 1/4" MAXIMUM.
4. ALL VENTS SHALL BE INSTALLED PER THE MANUFACTURER'S WRITTEN SPECIFICATIONS (FREE FROM BLOCKAGES AND/OR OBSTRUCTIONS) PROVIDING ADEQUATE CROSS VENTILATION.
5. THE BUILDER/ROOFING CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL CALCULATIONS AND QUANTITIES OF REQUIRED VENTILATORS PRIOR TO INSTALLATION.
6. ROOF PLAN DEPICTED IS NOT INTENDED TO SERVE AS A TRUSS DESIGN
7. SEE BUILDING SECTIONS, WALL SECTIONS & ELEVATIONS FOR BEARING HEIGHTS

CALCULATIONS BELOW ARE BASED OFF OF THE FOLLOWING ASSUMPTIONS:

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

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

INDICATES POSSIBLE LOCATION OF OFF RIDGE VENTS

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

INDICATES POSSIBLE LOCATION OF SOFFIT VENTING

ATTIC VENTILATION CALCULATIONS

NET FREE VENTILATED AREA(S):

(O'HAGIN- MODEL 'S')
NFVA = 4,410 SQ. FT * 144 / 300 = 259-1073 SQ. IN. REQUIRED (40%-50%)

(9) OFF RIDGE VENTS @ 915 SQ. IN. (O'HAGIN- MODEL 'S') = 818 SQ. IN. PROVIDED

(MILLENNIUM METALS- MMI-2)
NFVA = 4,410 SQ. FT * 144 / 300 = 259-1073 SQ. IN. REQUIRED (40%-50%)

(11) OFF RIDGE VENTS @ 805 SQ. IN. (MILLENNIUM METALS- MMI-2) = 886 SQ. IN. PROVIDED

(LOMANCO-T10D)
NFVA = 4,410 SQ. FT * 144 / 300 = 259-1073 SQ. IN. REQUIRED (40%-50%)

(7) OFF RIDGE VENTS @ 140 SQ. IN. (LOMANCO-T10D) = 980 SQ. IN. PROVIDED

4/- 200 LINEAR FEET OF VENTED SOFFIT.

ELEVATION A
ROOF PLAN

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

LOT: 0000, COMMUNITY

REVISIONS

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DATE:	02-25-25
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SHEET:	04.B

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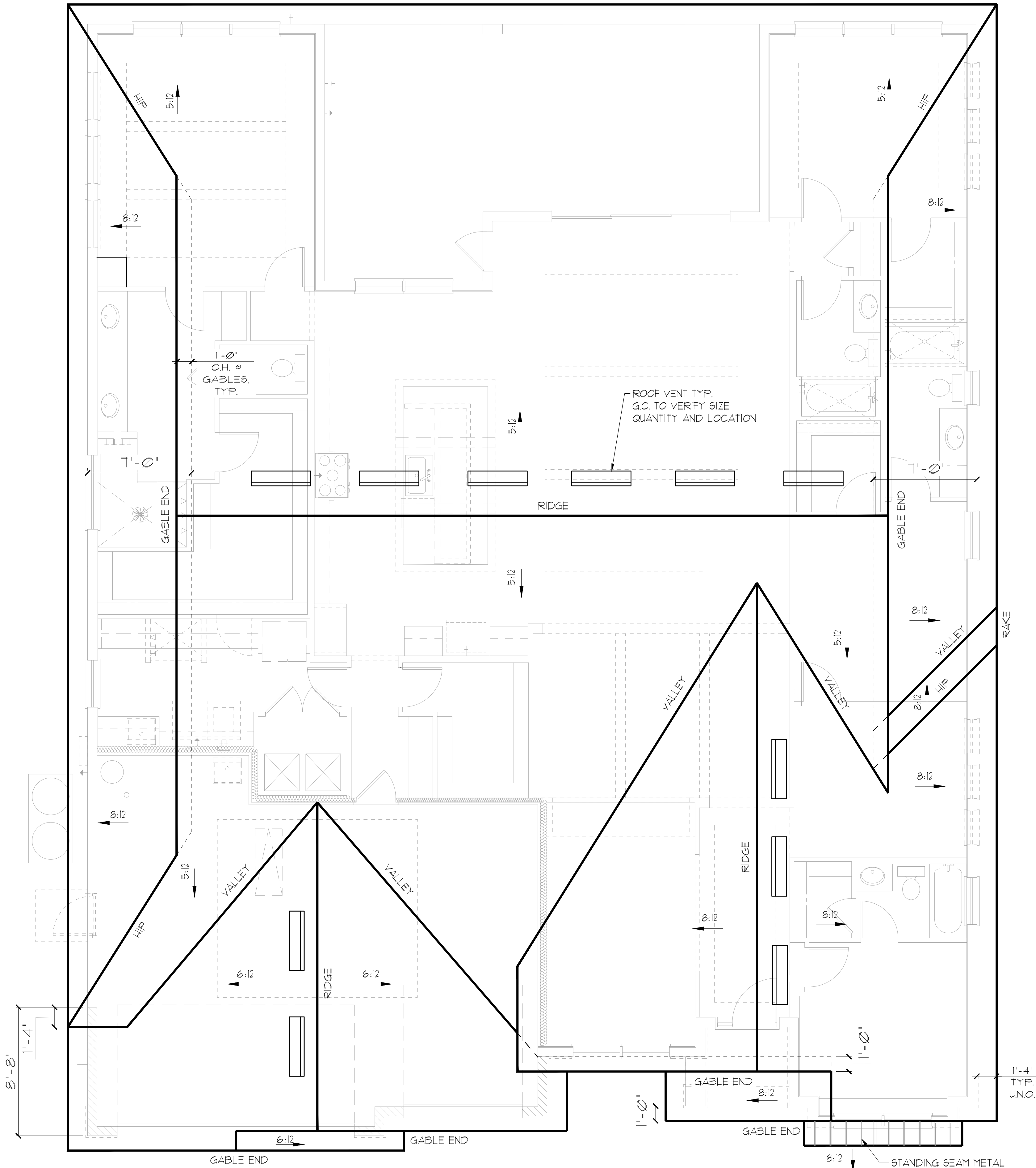
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ROOF PLAN

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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 = 4,409 SQ. FT * 144 / 300 = 847-1058 SQ. IN. REQUIRED (40%-50%)

(9) OFF RIDGE VENTS @ 915 SQ. IN. (O'HAGIN- MODEL 'S') = 878 SQ. IN. PROVIDED

(MILLENNIUM METALS- MM1-2)
NFVA = 4,409 SQ. FT * 144 / 300 = 847-1058 SQ. IN. REQUIRED (40%-50%)

(11) OFF RIDGE VENTS @ 805 SQ. IN. (MILLENNIUM METALS- MM1-2) = 886 SQ. IN. PROVIDED

(LOMANCO-T10D)
NFVA = 4,409 SQ. FT * 144 / 300 = 847-1058 SQ. IN. REQUIRED (40%-50%)

(7) OFF RIDGE VENTS @ 140 SQ. IN. (LOMANCO-T10D) = 980 SQ. IN. PROVIDED

4/- 200 LINEAR FEET OF VENTED SOFFIT.

MODERN FARMHOUSE
ELEVATION B
ROOF PLAN

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

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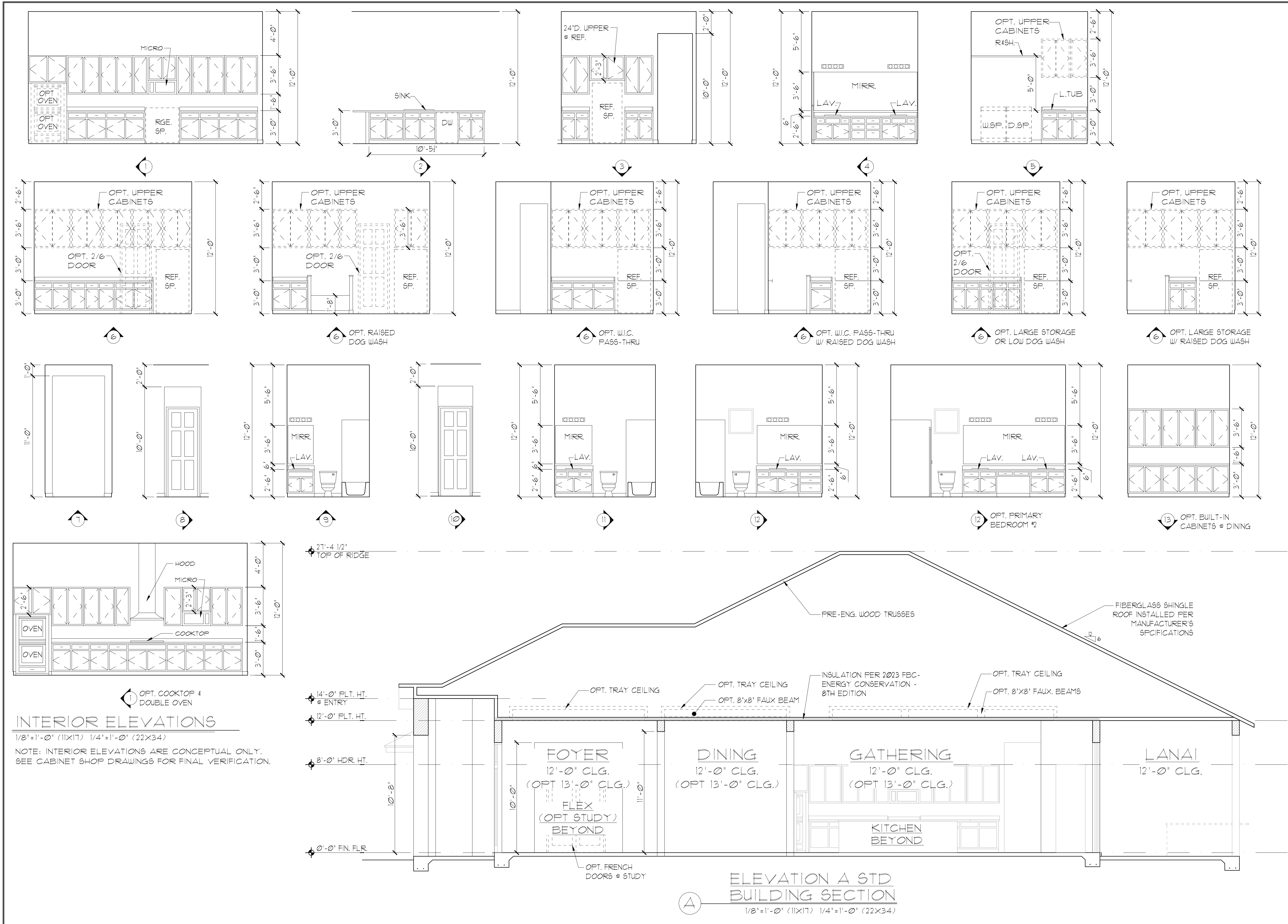
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Roof Plan

3240 GALILEO

SIGNATURE SERIES

REVISIONS	
DELTA #	DATE
DATE:	02-25-25
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DRAWN:	NR
SHEET:	04.B



INTERIOR ELEVATIONS

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

NOTE: INTERIOR ELEVATIONS ARE CONCEPTUAL ONLY.
SEE CABINET SHOP DRAWINGS FOR FINAL VERIFICATION.

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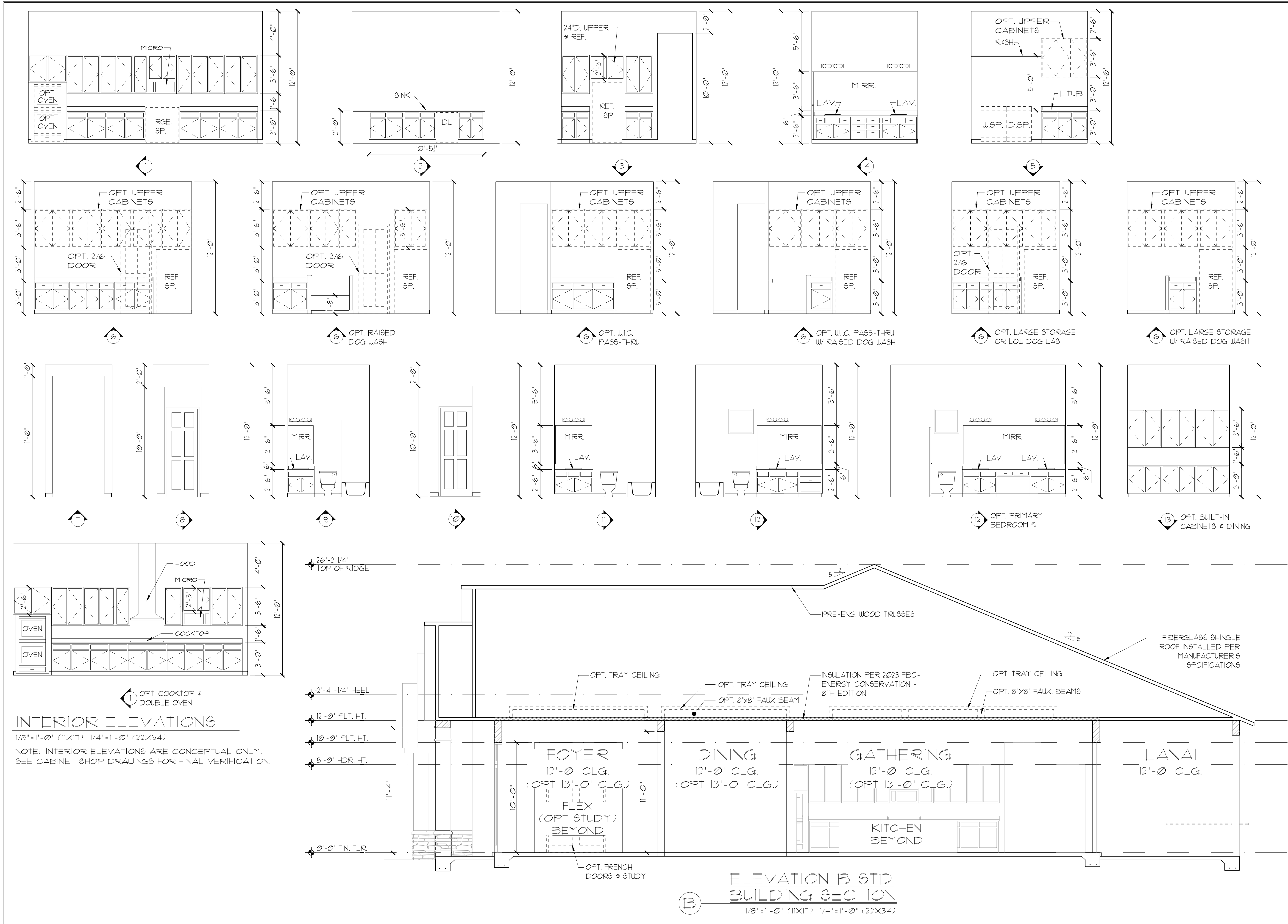
REVISIONS	
DELTA #	DATE
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DRAWN:	MR
SHEET:	05.A

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SIGNATURE SERIES

BUILDING SECTION /
INTERIOR ELEVATIONS

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

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THOMPSON ENGINEERING GROUP, INC.
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Tel: (407) 724-1700
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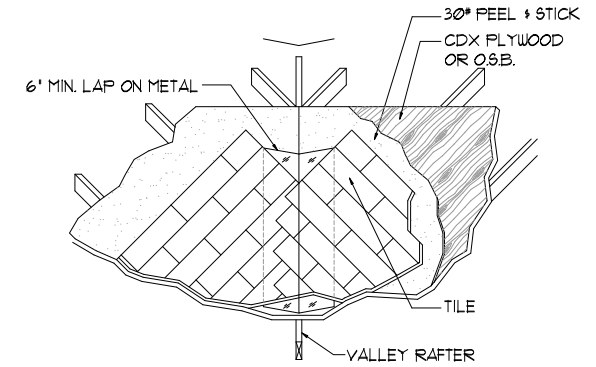
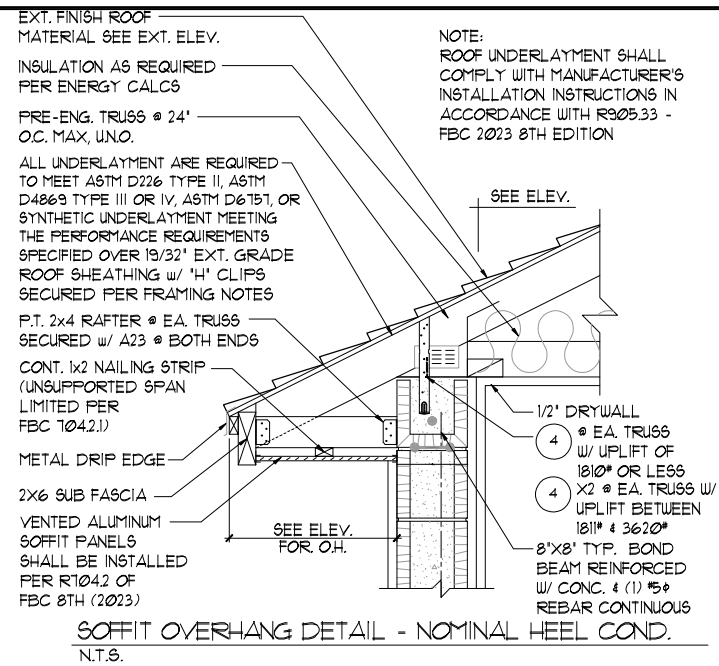
SIGNATURE SERIES

BUILDING SECTION / INTERIOR ELEVATIONS

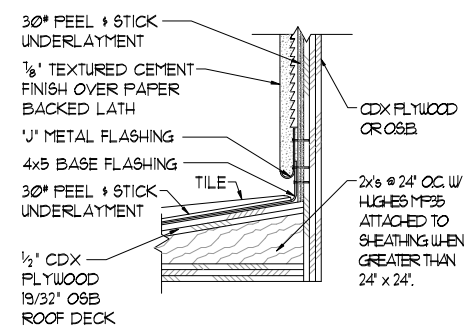
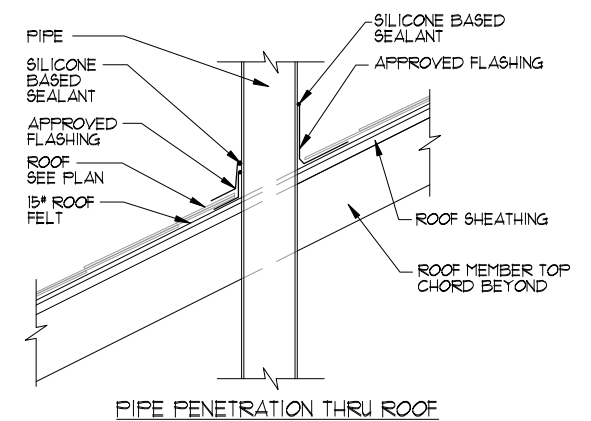
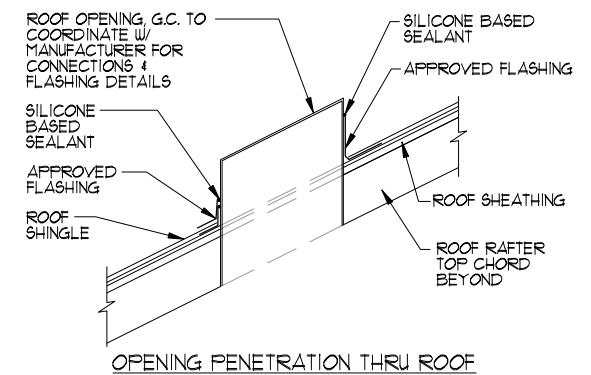
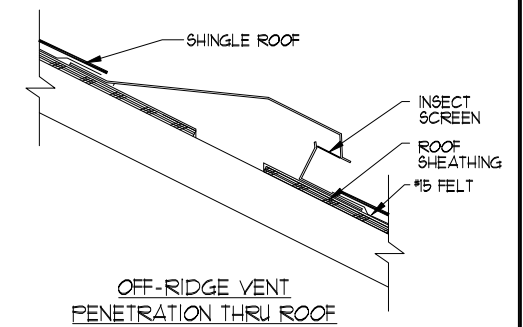
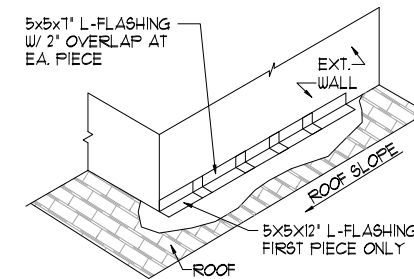
Park Square HOMES

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

ITEC
THOMPSON ENGINEERING GROUP, INC.
4441 Vineland Road Suite A8 Orlando, FL 32811
Tel: (407) 724-1700
Fax: (407) 724-1700
www.itec.com



VALLEY FLASHING DETAIL	
R903.2 Locations.	N.T.S.
Flashings shall be installed at wall and roof intersections, wherever there is a change in roof slope or direction and around roof openings. Where flashing is of metal, the metal shall be corrosion resistant with a thickness of not less than provided in Table R903.2.1. OR IN COMPLIANCE WITH RAS III.	



ROOF PENETRATION DETAIL SCALE: N.T.S.

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LOT: 0000, COMMUNITY

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TEC
THOMPSON ENGINEERING GROUP, INC.
4401 Vineland Road Suite A8 Orlando, FL 32811
Ph: (407) 734-1450
Fax: (407) 734-1790
www.tegt.com

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

DETAILS

DETAILS

REVISIONS

DELTA #	DATE
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DATE: XX-XX-24

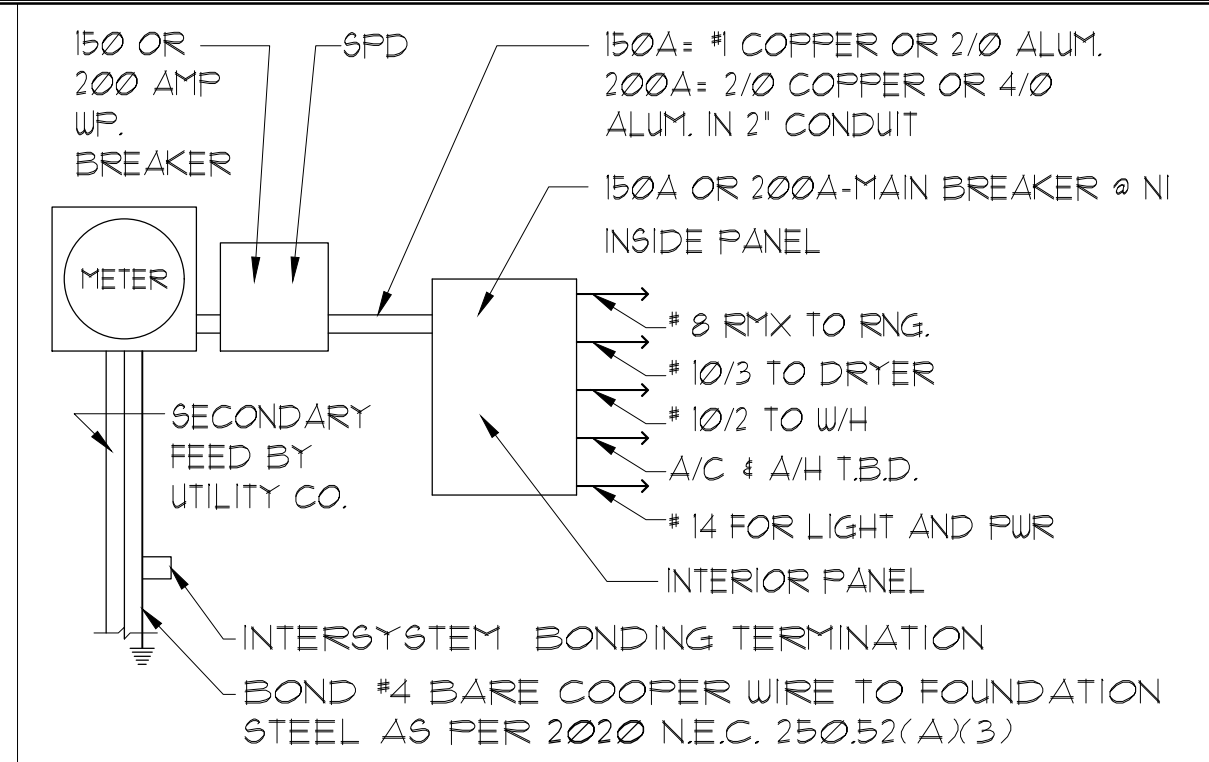
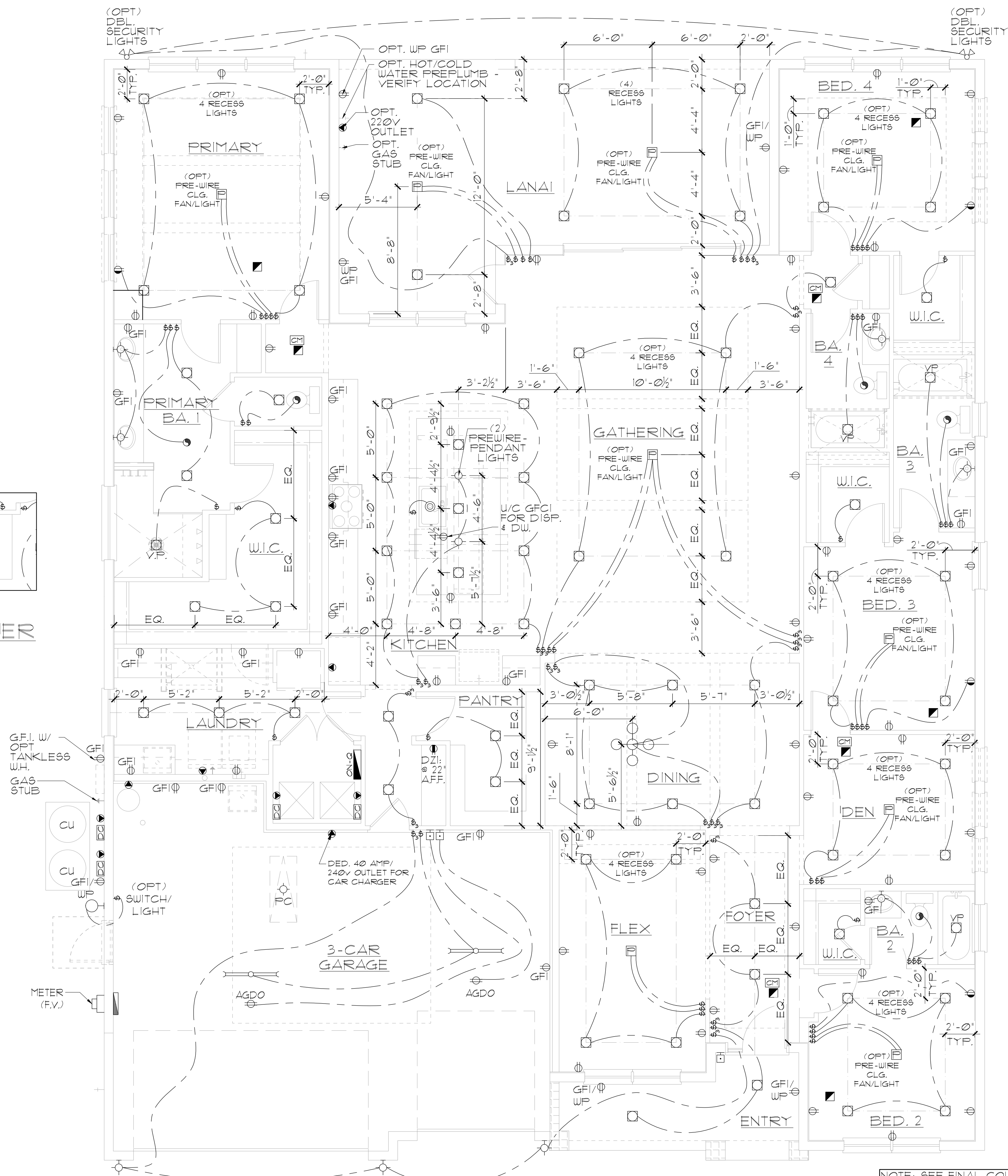
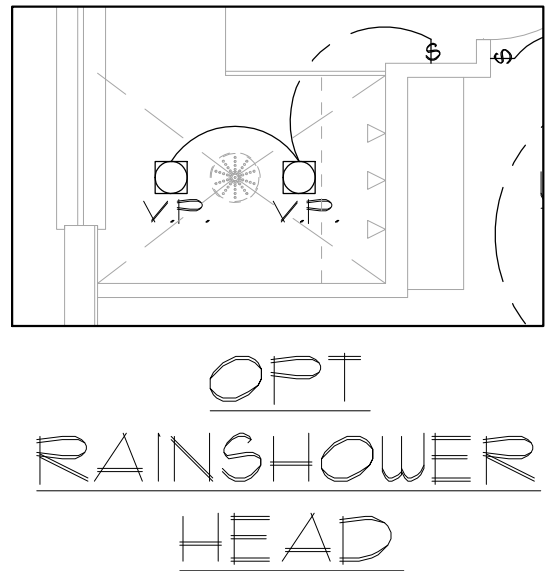
SCALE: AS NOTED

RAWN: MR

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AD1

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



ELECTRICAL RISER DIAGRAM
N.T.S.

NOTES:
1. ELECTRICAL MATERIALS AND INSTALLATIONS SHALL COMPLY W/ APPLICABLE PROVISIONS OF THE NATIONAL ELEC. CODE 250.52(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.

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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/SMOK 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		48" TO C.L.	
GARAGE GFI'S (ABOVE GARAGE FLOOR)		54" TO C.L.	
THERMOSTAT		84" TO C.L.	
DOOR BELL CHIMES		LEVEL W/ DOOR HANDLE	
DOOR BELL BUTTON		66" TO C.L.	
KITCHEN HOOD FAN "WHIP"		16" TO C.L.	
KITCHEN WALL HUNG MICROWAVE RECEPTACLE		UNDER SINK	
KITCHEN DISHWASHER RECEPTACLE		24" TO C.L.	
KITCHEN RANGE		48" TO C.L.	
KITCHEN REFRIGERATOR		36" TO C.L.	
WASHER/DRYER OUTLET		84" TO C.L.	
HOLLYWOOD LIGHTS			
C.L. = CENTER LINE			

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

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

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LOT: 0000, COMMUNITY

3240 GALILEO

SIGNATURE SERIES

UTILITY PLAN

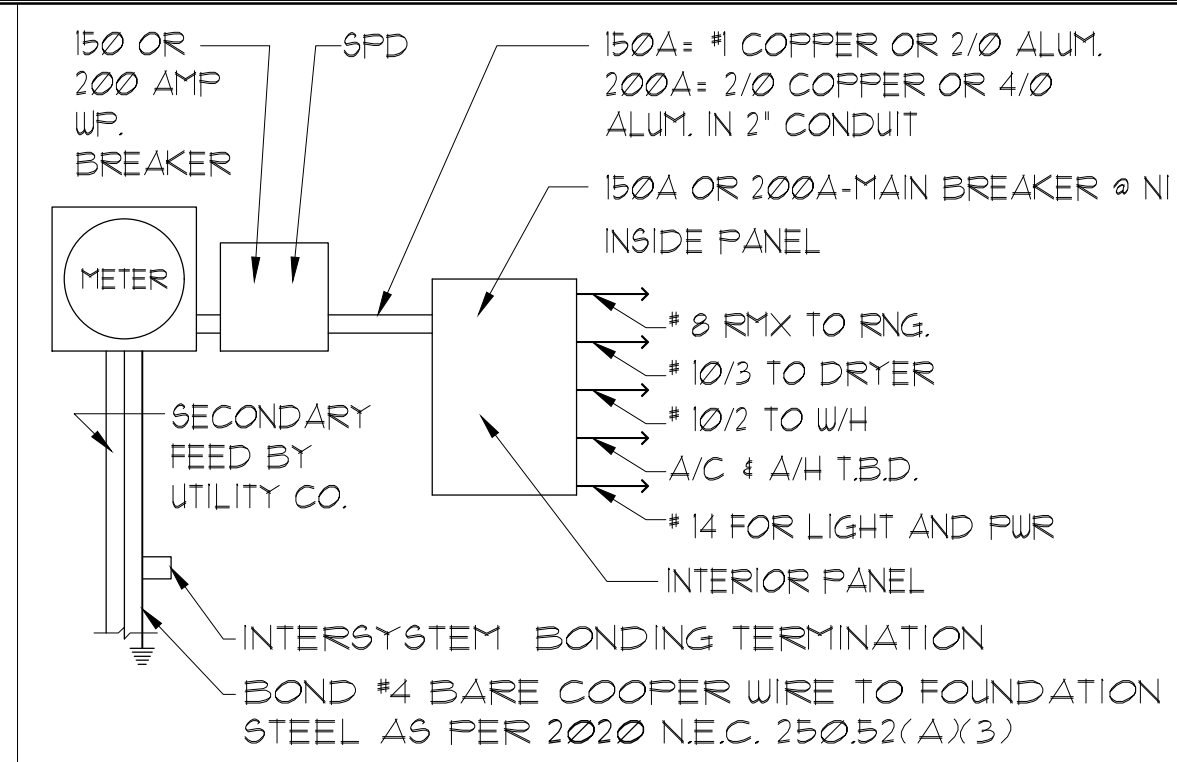
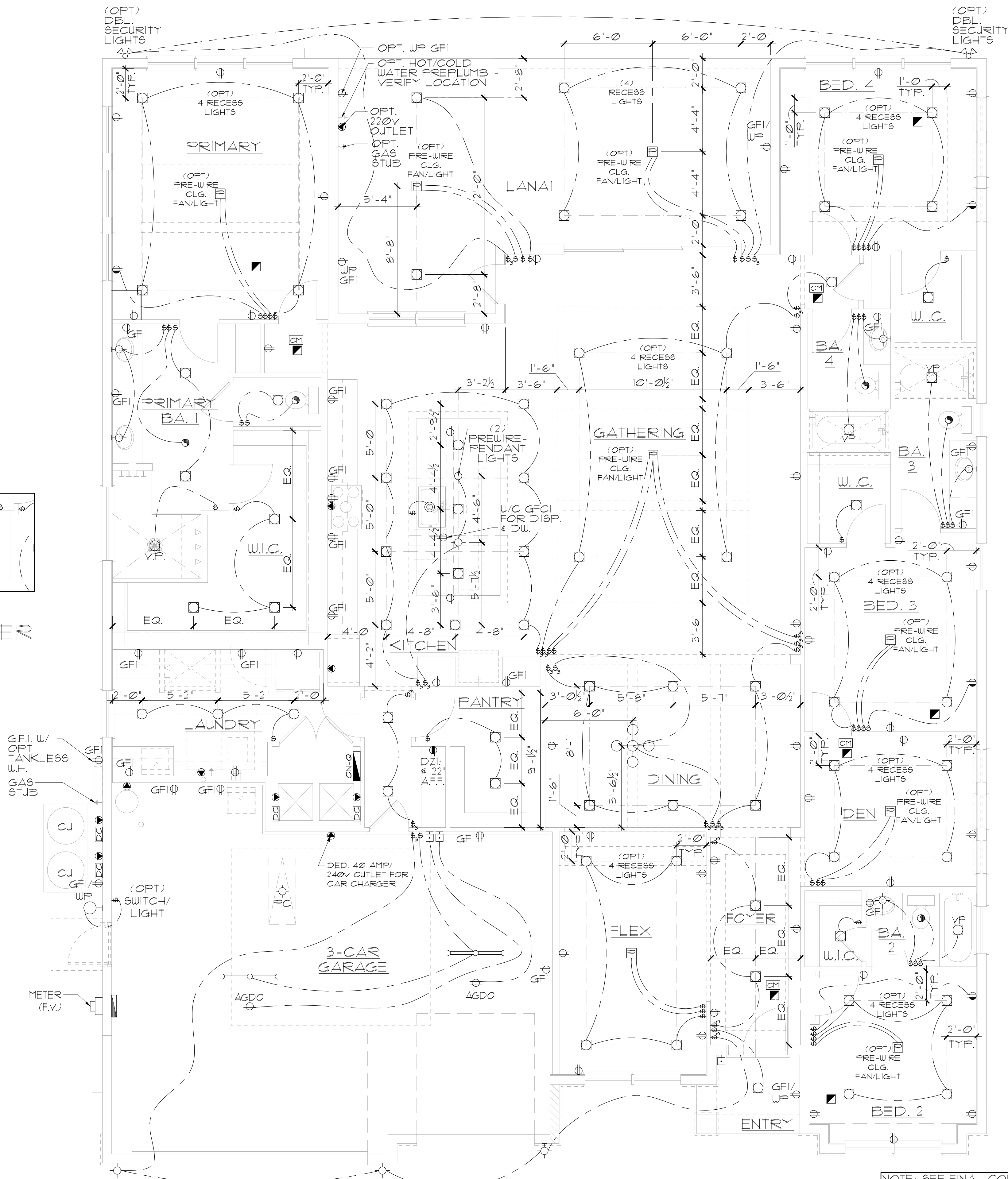
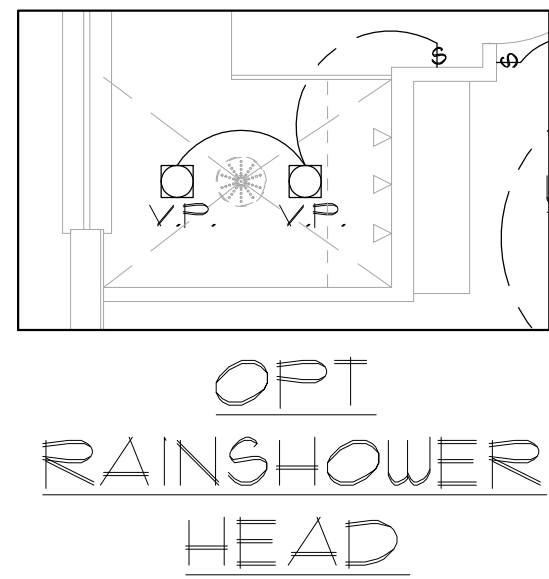
REVISIONS

DELTA #	DATE

DATE: 02-25-25
SCALE: AS NOTED
DRAWN: M/R
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ITEC
THOMPSON ENGINEERING GROUP, INC.
4441 Vineland Road Suite 40 Orlando, FL 32811
Tel: (407) 734-1700
Fax: (407) 734-1700
www.itec.com

A DIVISION OF PARK SQUARE ENTERPRISES, INC.
5200 Vineland Road, Suite 200
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ELECTRICAL RISER DIAGRAM
N.T.S.

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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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HOLLYWOOD LIGHTS	84" TO C.L.		

C.L. = CENTER LINE

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

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150 OR 200 AMP W.P. BREAKER

METER

SECONDARY FEED BY UTILITY CO.

INTERSYSTEM BONDING TERMINATION

BOND #4 BARE COPPER WIRE TO FOUNDATION STEEL AS PER 2020 N.E.C. 250.52(A)(3)

150A: #1 COPPER OR 2/0 ALUM.

200A: 2/0 COPPER OR 4/0 ALUM. IN 2" CONDUIT

150A OR 200A-MAIN BREAKER # NI INSIDE PANEL

8 RMX TO RING.

10/3 TO DRYER

10/2 TO W/H

A/C & A/H T.B.D.

14 FOR LIGHT AND PUR

INTERIOR PANEL

NOTES:

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ELECTRICAL LEGEND

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⊖	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	84" TO C.L.	DOOR BELL BUTTON	84" TO C.L.
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 B STD

UTILITY PLAN

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

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

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

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LOT: 0000, COMMUNITY

3240 GALILEO

SIGNATURE SERIES

REVISIONS

DELTA #	DATE

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SCALE: AS NOTED

DRAWN: MR

SHEET: 1

UTILITY PLAN

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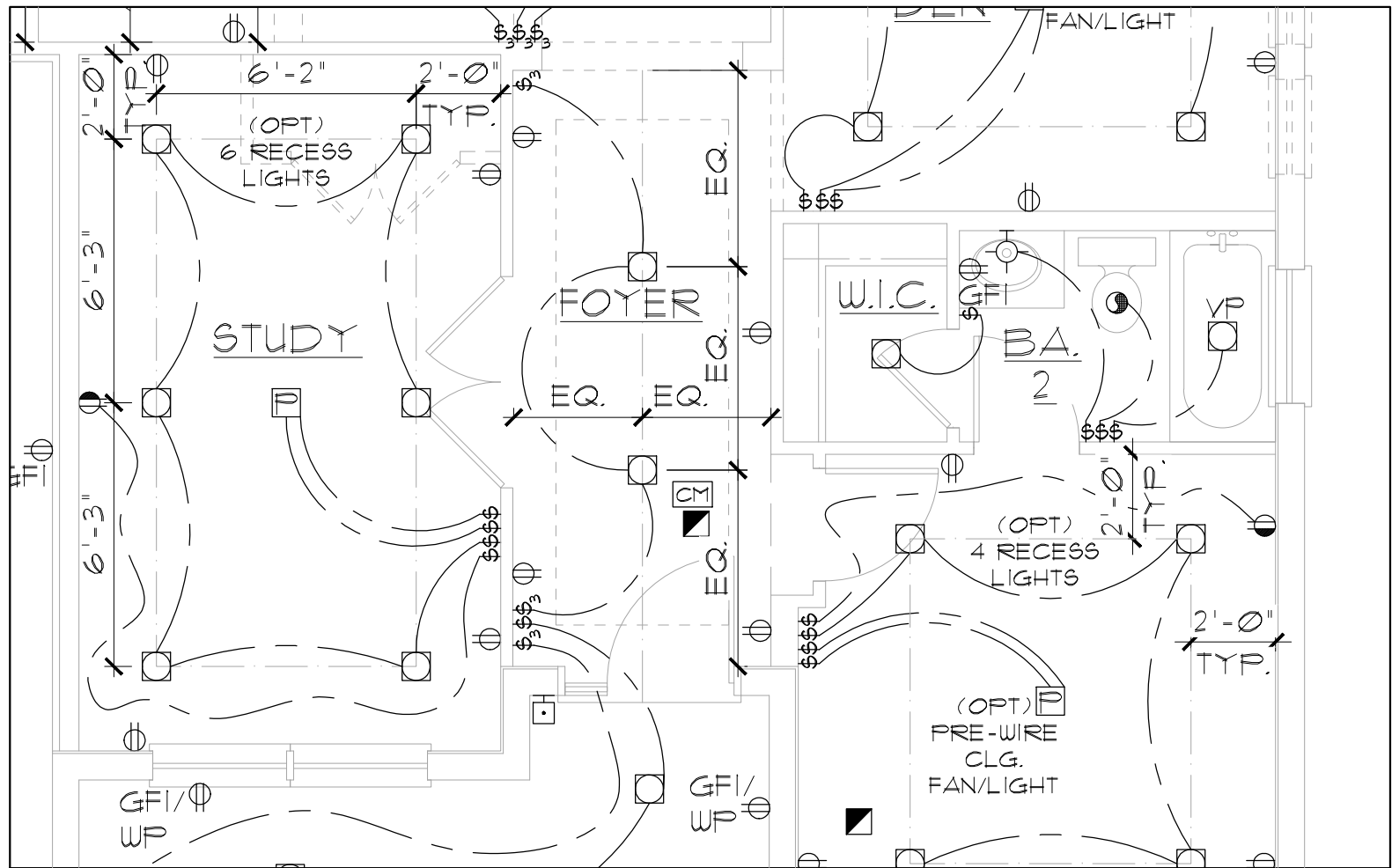
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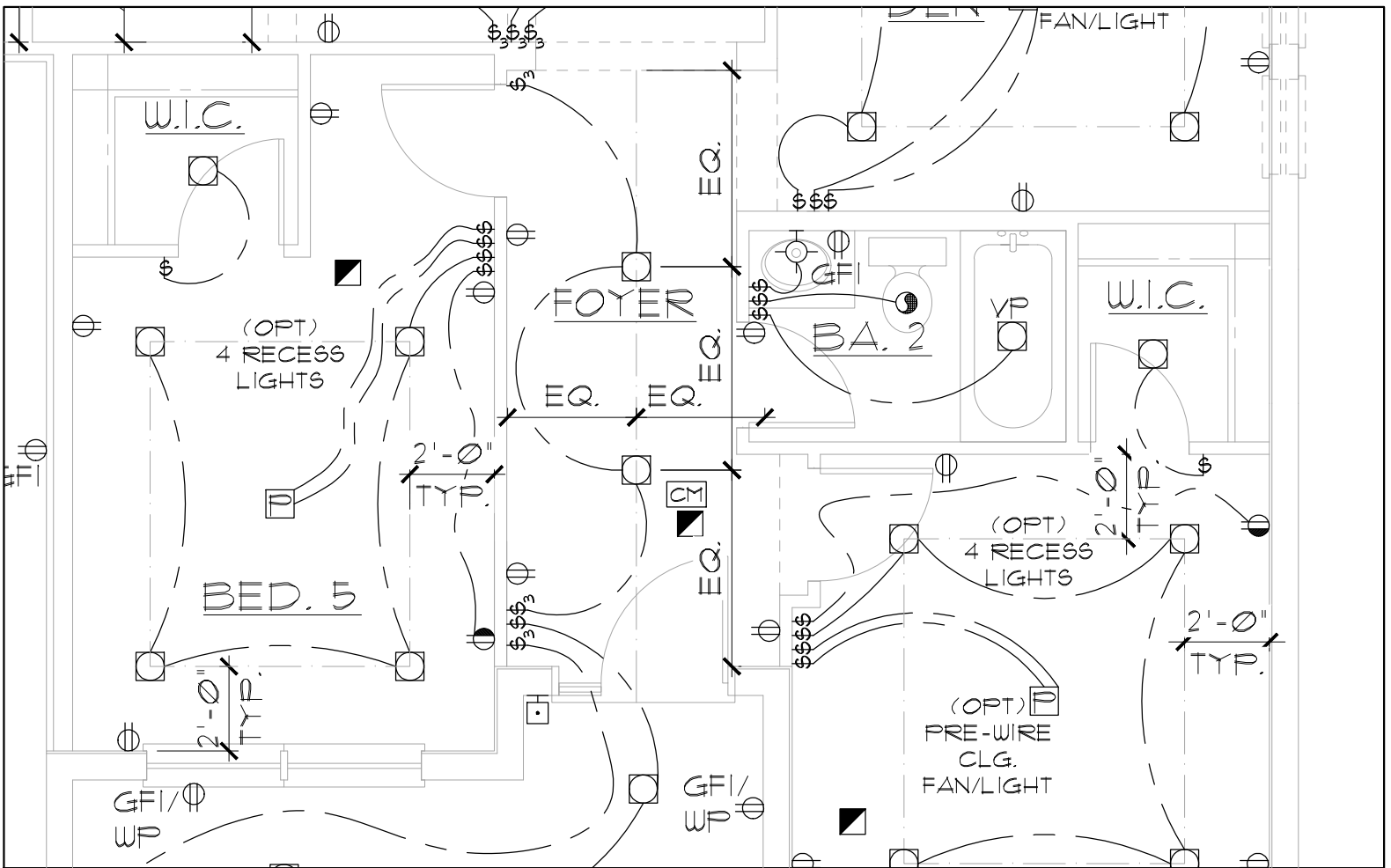
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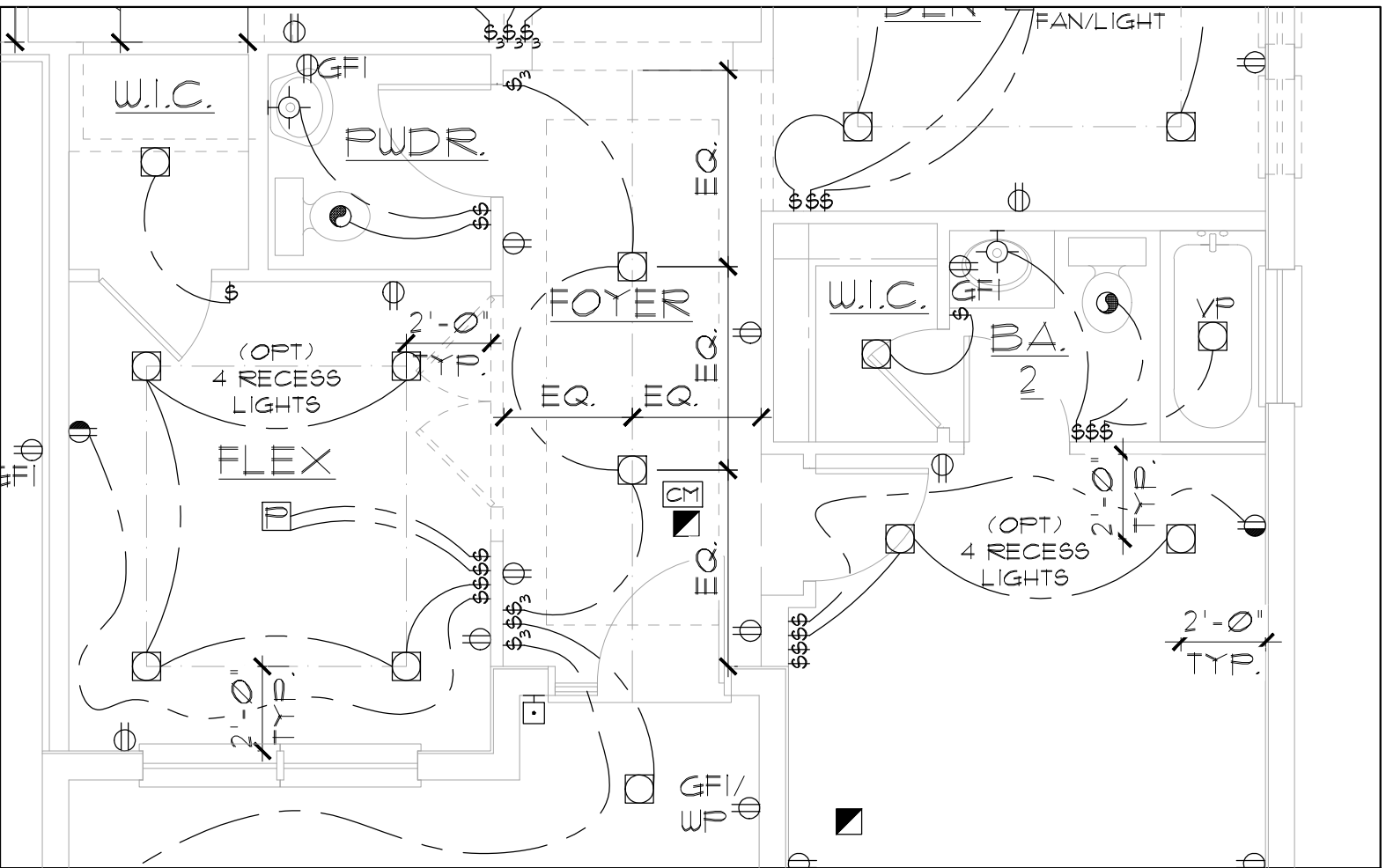
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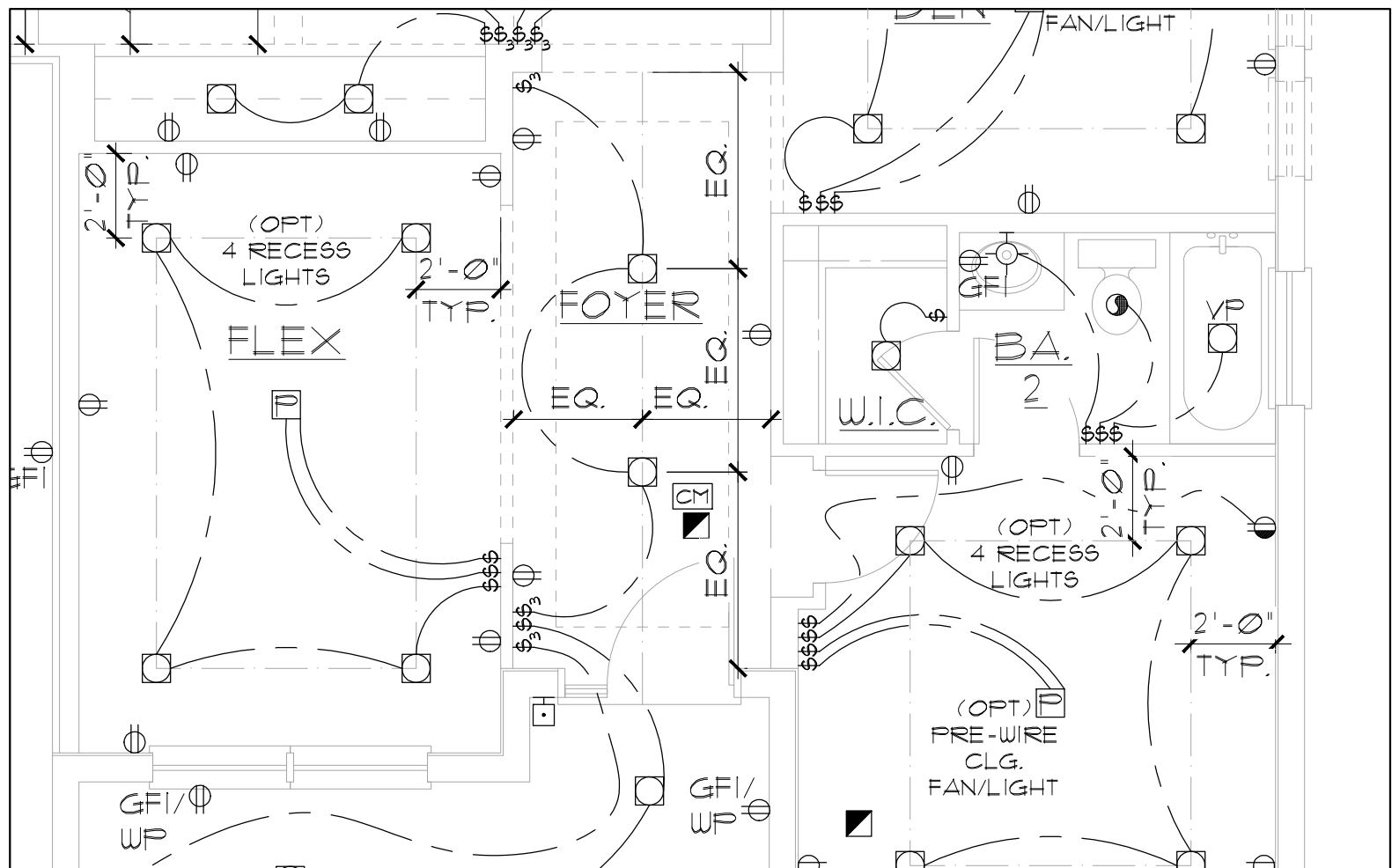
OPT STUDY



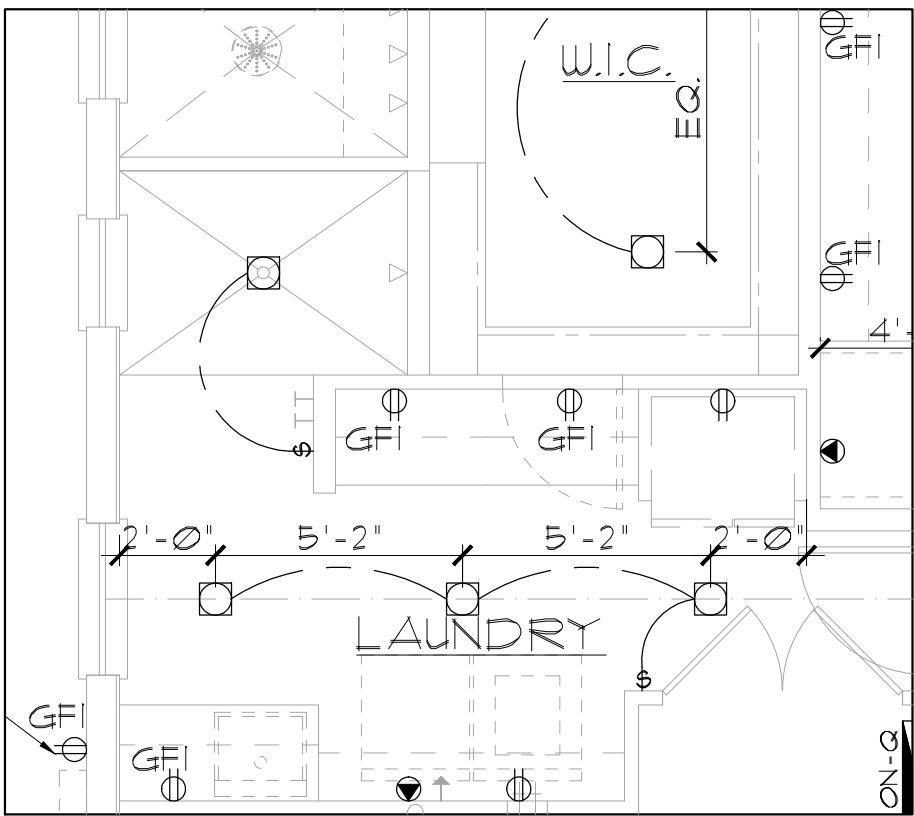
OPT BEDROOM 5



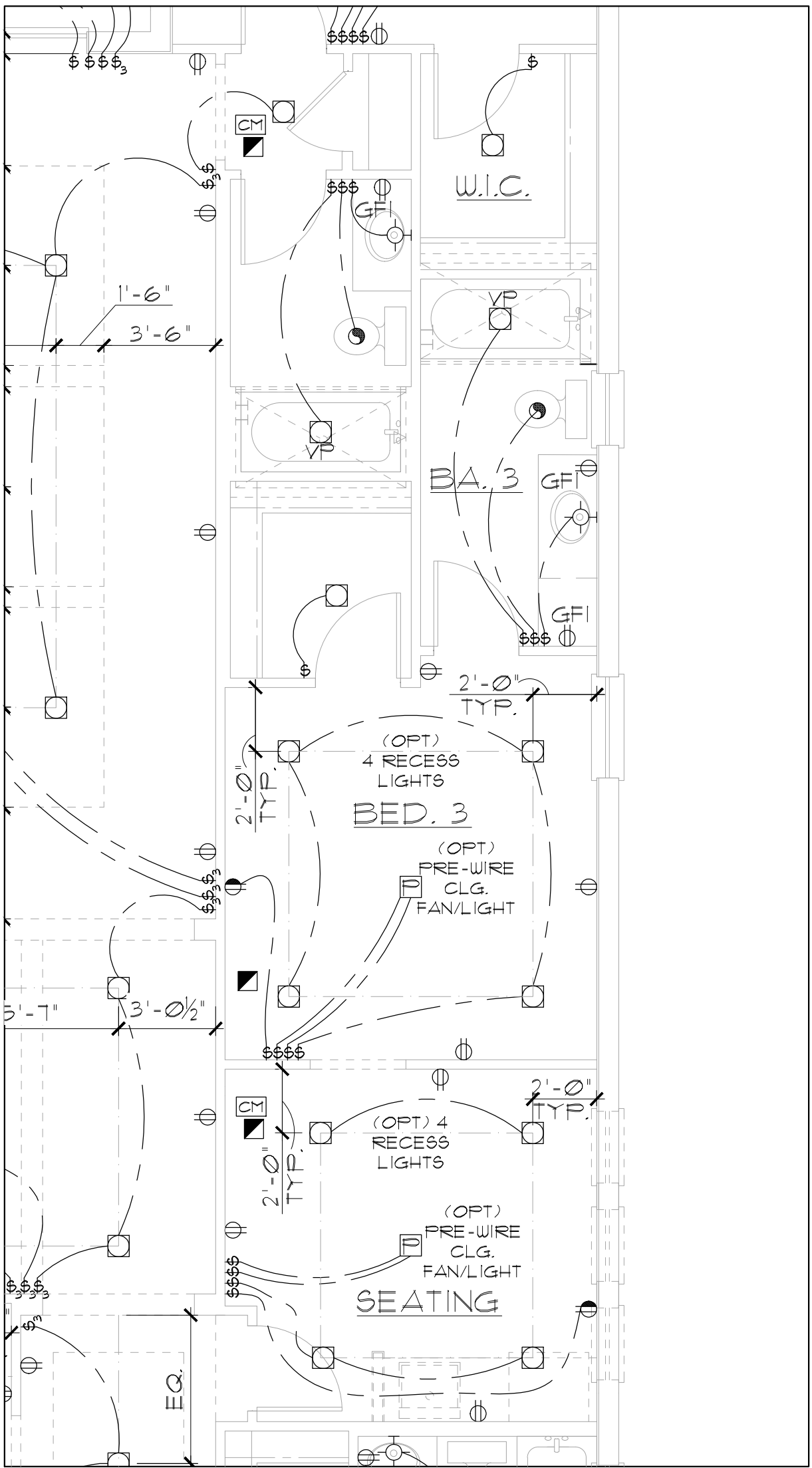
OPT POWDER
BATH @ FOYER



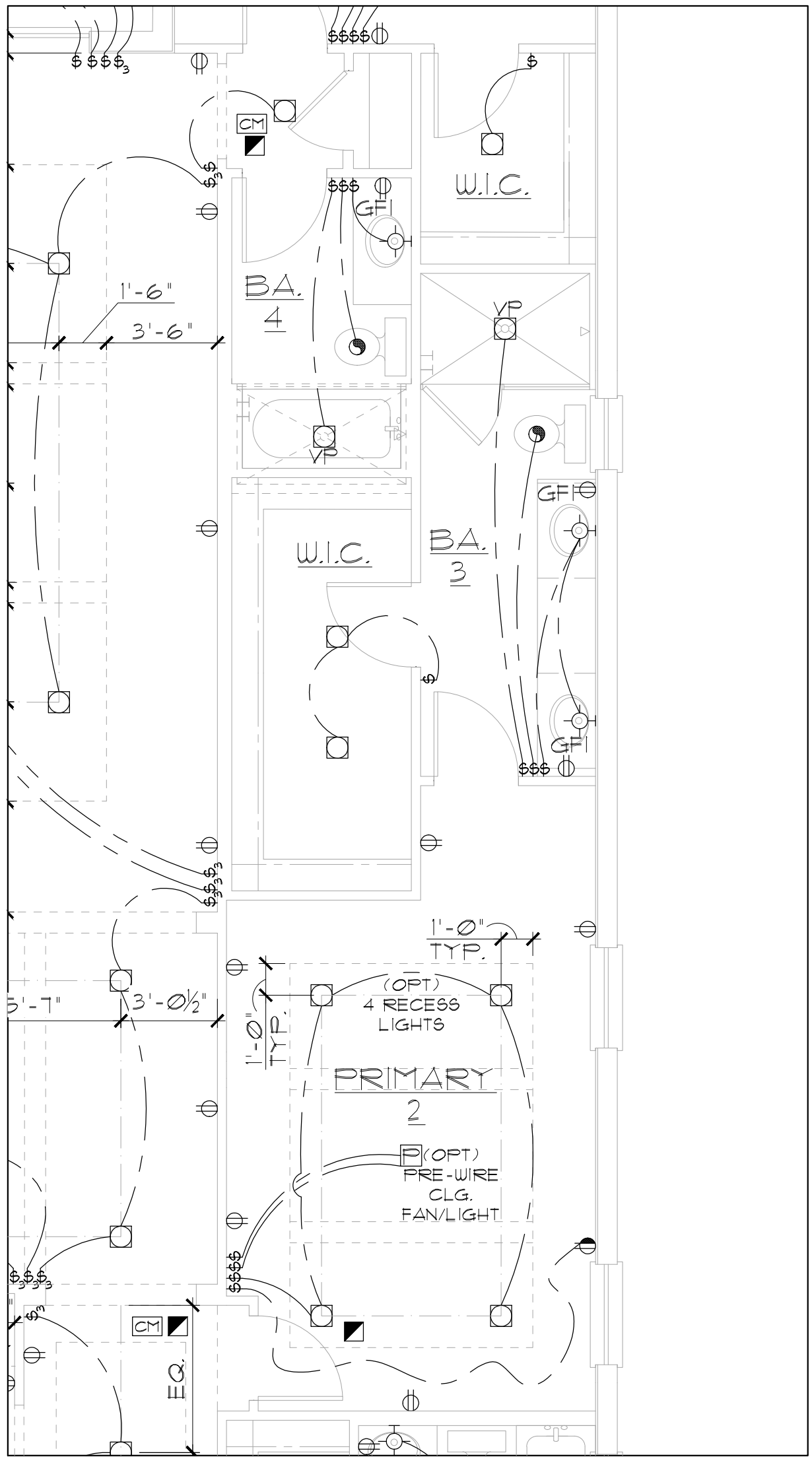
STD FLEX W/ OPT BUILT
IN CABINETS @ DINING



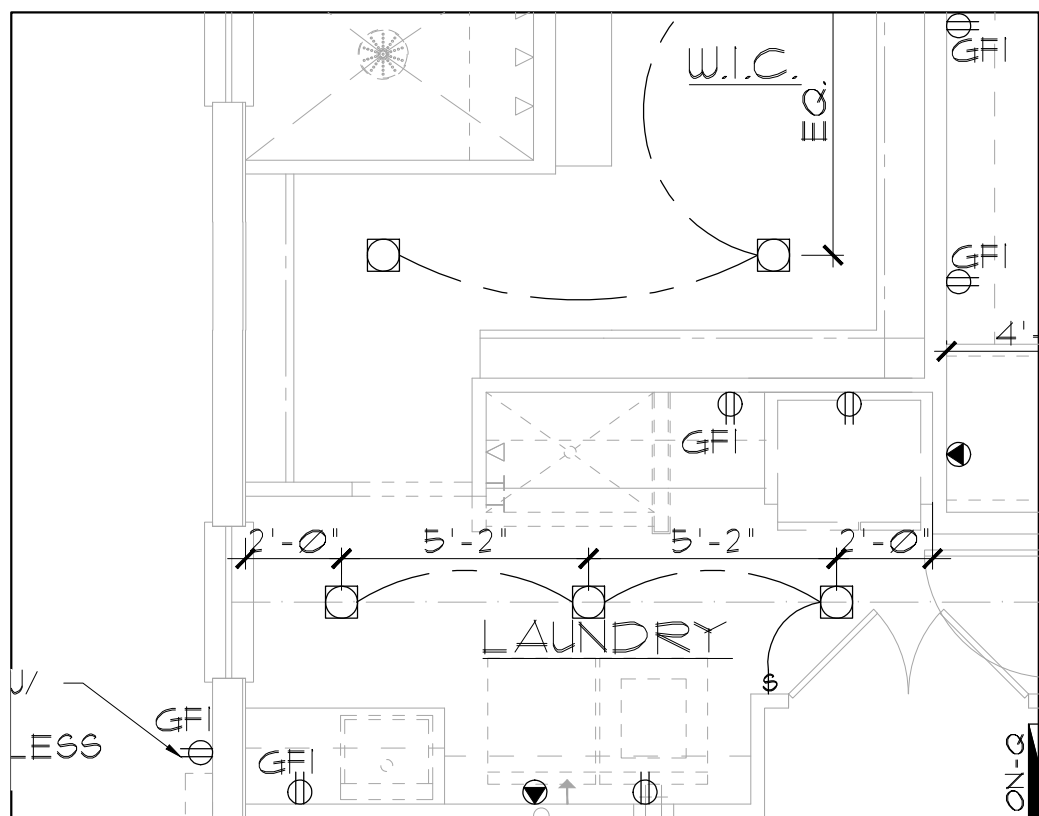
OPT LOW DOG
WASH @ LAUNDRY



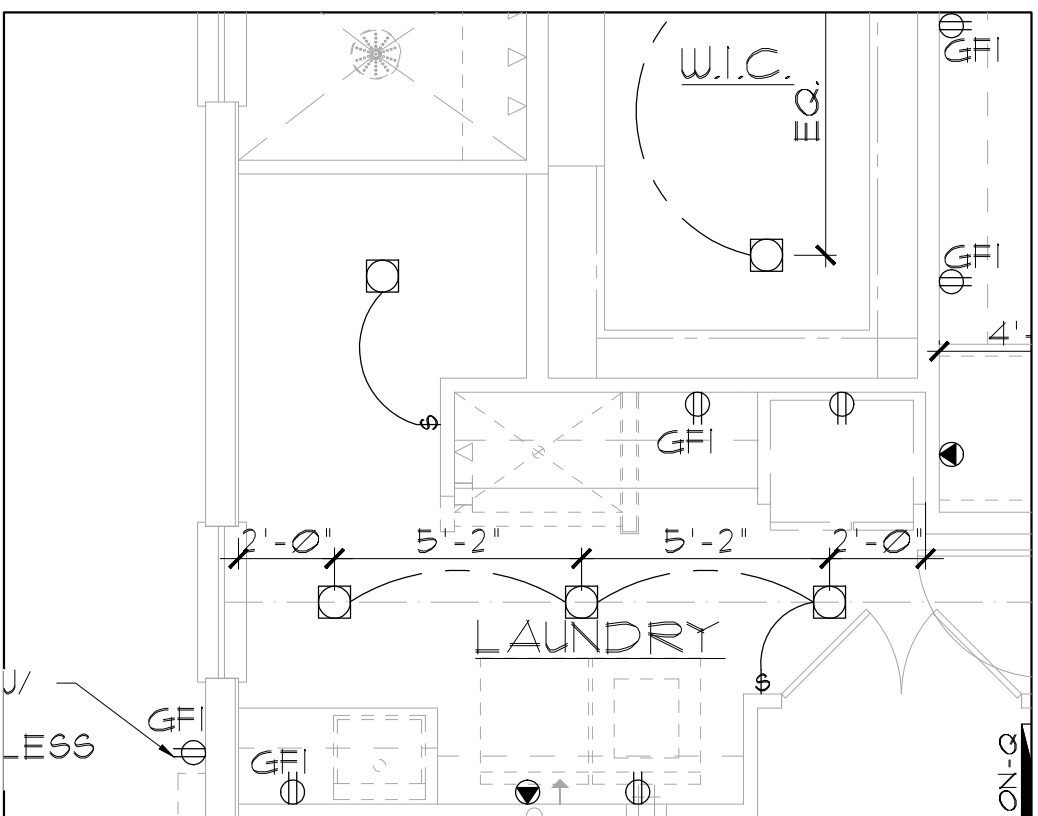
OPT MULTIGEN
SUITE



OPT PRIMARY #2



OPT W.I.C. PASS-THRU
@ LAUNDRY



OPT LARGE STORAGE
@ LAUNDRY

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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THOMPSON ENGINEERING GROUP, INC.

4441 Vineland Road Suite A8 Orlando, FL 32811

407.724.1790

www.iteg.com

A DIVISION OF PARK SQUARE

ENTERPRISES, INC.

5200 Vineland Road, Suite 200

Orlando, Florida 32811

Phone: (407) 529 - 3000

UTILITY PLAN

3240 GALILEO

SIGNATURE SERIES

REVISIONS

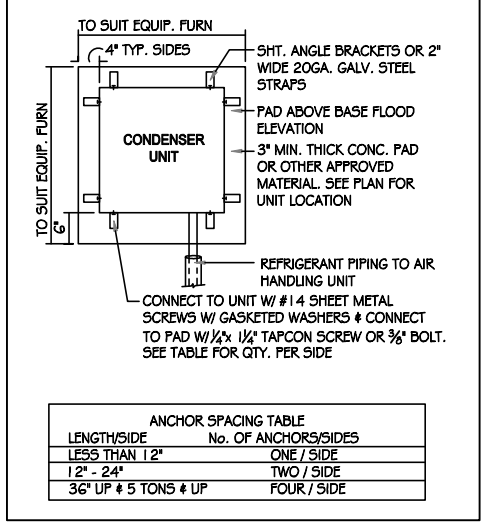
DELTA #	DATE

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SCALE: AS NOTED

DRAWN: M/R

SHEET: 1



1 COND. ANCHOR DETAIL

N.T.S.

FIELD REPAIR NOTES

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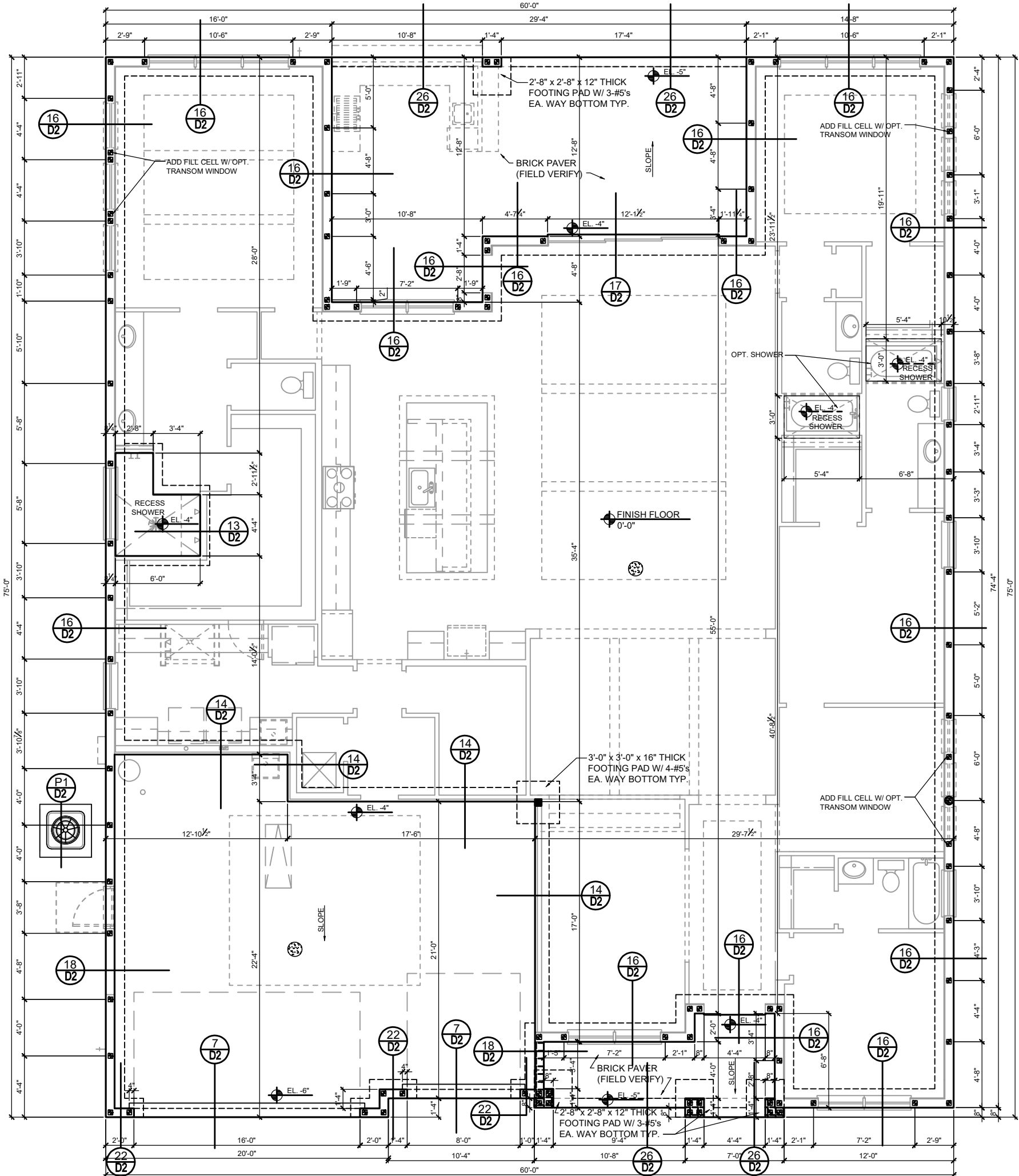
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FOUNDATION NOTES

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DESIGN STATEMENT

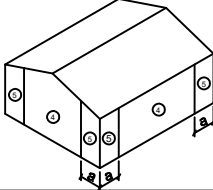
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AREA	④	⑤
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100	(+) 25.0 / (-) 27.5	(+) 25.0 / (-) 30.6

GARAGE DOORS

16'-0" x 8'-0"	16'-0" x 7'-0"	18'-0" x 8'-0"
(+) 21.7 (-) 28.3	(+) 21.9 (-) 26.7	(+) 24.4 (-) 27.2
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(+) 25.80 (-) 29.10	(+) 25.9 (-) 29.2	
8'-0" x 8'-0"	8'-0" x 7'-0"	(+) 23.1 (-) 29.0
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WIND PRESSURE AND SUCTION DIAGRAM



GENERAL PRESSURE NOTES

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- RKE

FOUNDATION PLAN

A (STANDARD)

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

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www.iteg.com

FOUNDATION PLAN

3240 GALILEO

SIGNATURE SERIES

REVISIONS

DELTA #	DATE

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SHEET: S1

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TO SUIT EQUIP. FURN

4" TYP. SIDES

CONDENSER UNIT

5HT. ANGLE BRACKETS OR 2" WIDE 20GA. GALV. STEEL STRAPS

PAD ABOVE BASE FLOOD ELEVATION

3" MIN. THICK CONC. PAD OR OTHER APPROVED MATERIAL. 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/ 1/2"x 1/2" TAPCON SCREW OR 3/8" BOLT. SEE TABLE FOR QTY. PER SIDE

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.

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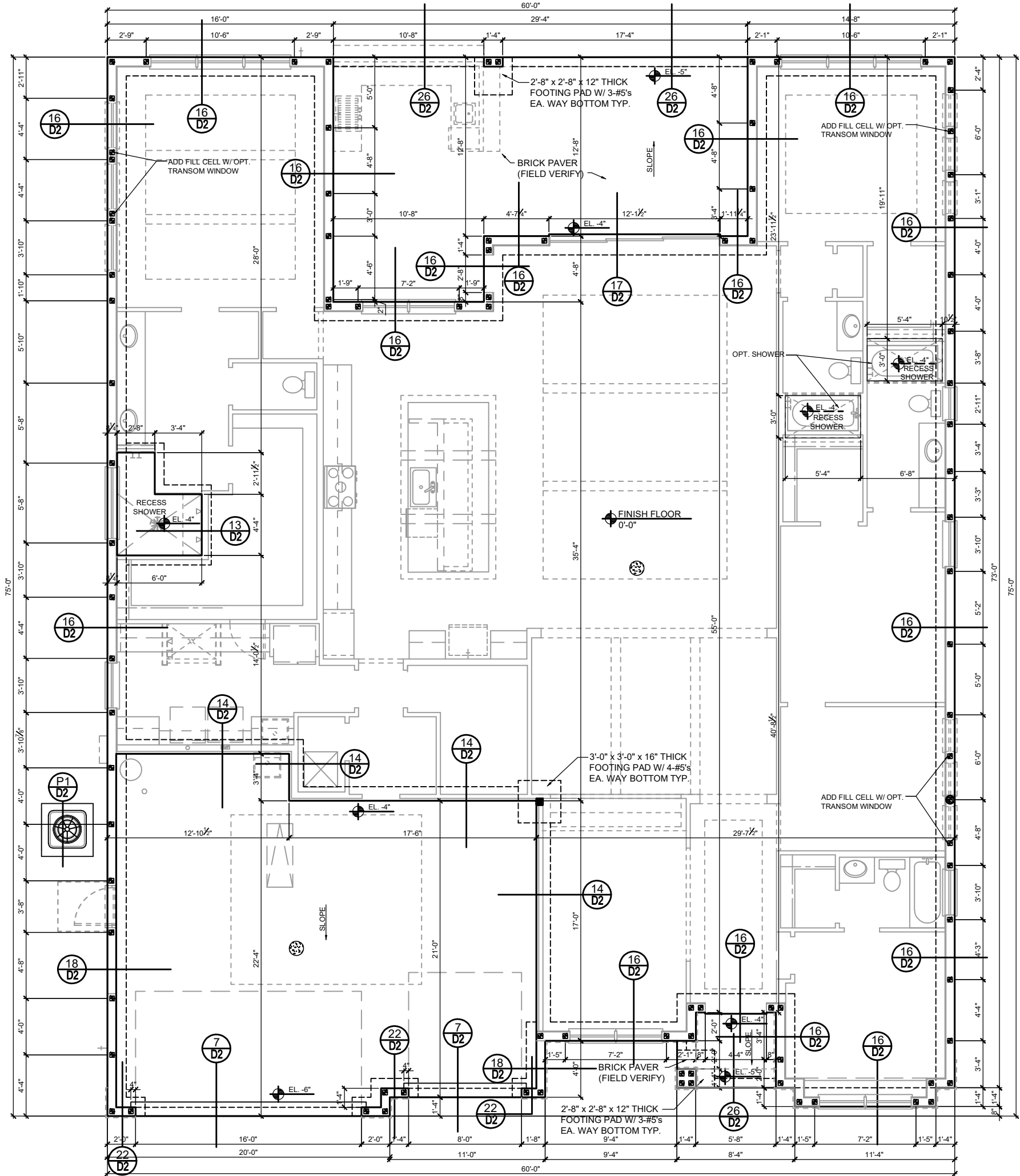
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WIND PRESSURE AND SUCTION DIAGRAM

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RKE

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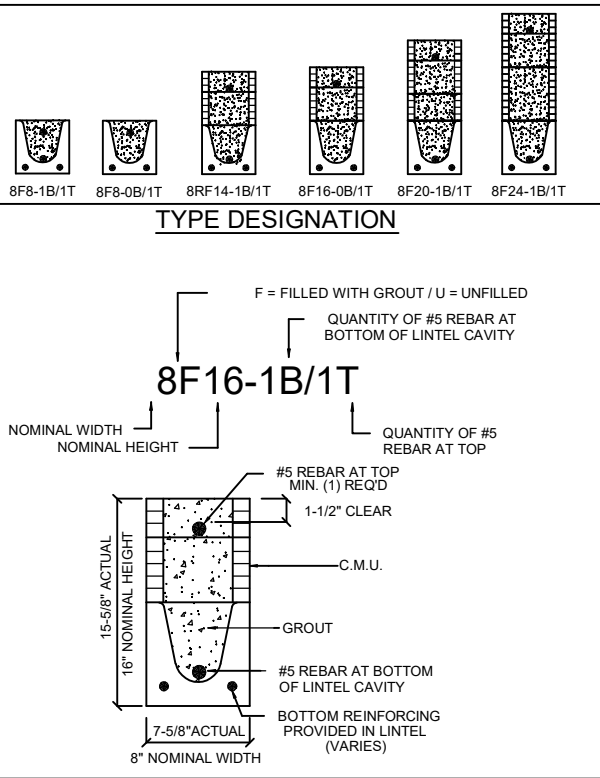
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SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS											
8" PRECAST & PRESTRESSED U-LINTELS											
GRAVITY											
LENGTH	TYPE	8U8	8F8-0B 8F8-1B	8F12-0B 8F12-1B	8F16-0B 8F16-1B	8F20-0B 8F20-1B	8F24-0B 8F24-1B	8F28-0B 8F28-1B	8F32-0B 8F32-1B		
2'-10" (34")	PRECAST	2302	3166	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	4145	4896	5644		
6'-6" (78")	PRECAST	937	2170	4027	6039	7526	9004	10472	9668		
7'-6" (90")	PRECAST	767	1223	1301	1809	2317	2826	3336	3846		
8'-0" (96")	PRECAST	670	1665	2899	5057	6096	5400	6424	7450		
8'-8" (104")	PRECAST	618	1000	1059	1474	1889	2304	2721	3137		
9'-4" (112")	PRECAST	573	1459	2464	4144	5458	4437	5280	6122		
10'-6" (126")	PRECAST	456	1255	2101	3396	5260	7134	8995	6890		
11'-4" (136")	PRECAST	445	1029	1675	2385	1994	2439	2886	3333		
12'-0" (144")	PRECAST	414	899	1445	2214	3192	4533	6513	5047		
13'-4" (160")	PRECAST	362	767	1257	1779	1479	1810	2142	2474		
14'-0" (168")	PRECAST	338	829	1332	2044	2946	4184	6012	3773		
14'-8" (176")	PRESTRESSED	N.R.	632	1049	1469	1210	1482	1754	2027		
15'-4" (184")	PRESTRESSED	N.R.	768	1212	1818	2544	3469	4030	3127		
17'-4" (208")	PRESTRESSED	N.R.	482	802	1125	915	1122	1328	1535		
19'-4" (232")	PRESTRESSED	N.R.	658	1025	1514	2081	2774	3130	2404		
21'-4" (256")	PRESTRESSED	N.R.	598	935	1365	1854	2355	1793	2075		
22'-0" (264")	PRESTRESSED	N.R.	598	935	1365	1854	2441	3155	4044		
24'-0" (288")	PRESTRESSED	N.R.	545	864	1254	1689	2074	1570	1818		
			555	864	1254	1693	2211	2832	3590		
			427	726	1028	1331	1635	1224	1418		
			485	748	1076	1438	1855	2343	2920		
			381	648	919	1190	1462	1087	1260		
			455	700	1003	1335	1714	2153	2666		
			NR	NR	NR	NR	NR	NR	NR		
			465	765	1370	2045	2610	3185	3765		
			NR	NR	NR	NR	NR	NR	NR		
			420	695	1250	1855	2370	2890	3410		
			NR	NR	NR	NR	NR	NR	NR		
			310	530	950	1400	1800	2200	2600		
			NR	NR	NR	NR	NR	NR	NR		
			240	400	750	1090	1400	1720	2030		
			NR	NR	NR	NR	NR	NR	NR		
			163	330	610	940	1340	1780	2110		
			NR	NR	NR	NR	NR	NR	NR		
			160	300	570	870	1250	1680	1370		
			NR	NR	NR	NR	NR	NR	NR		
			130	240	470	720	1030	1350	1610		

8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
GRAVITY											
LENGTH	TYPE	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	3981	5190	6407	7630	8857			
4'-0" (48")	PRECAST	2165	2289	3260	4237	5219	6204	7192	1257	1257	
4'-6" (54")	PRECAST	1878	2165	2215	3165	4125	5091	6061	938	938	
5'-4" (64")	PRECAST	1878	1969	2832	3680	4532	5387	6245			
5'-10" (70")	PRECAST	1680	1878	1925	2750	3583	4422	5264			
6'-6" (78")	PRECAST	1660	1762	2507	3257	4010	4767	5525	727	727	
7'-6" (90")	PRECAST	1393	1484	1705	2435	3171	3913	4658			
8'-0" (96")	PRECAST	1272	1357	1930	2505	3084	3665	4247	505	505	
8'-8" (104")	PRECAST	1272	1315	1875	2441	3010	3583	4157			
9'-4" (112")	PRECAST	1141	1200	1733	2250	2789	3290	3812	418	418	
10'-6" (126")	PRECAST	1141	1182	1684	2192	2703	3216	3732	707	887	
11'-4" (136")	PRECAST	959	912	1475	1914	2354	2797	3240			
12'-0" (144")	PRECAST	990	1029	1468	1907	2351	2797	3245	591	657	
13'-4" (160")	PRECAST	801	811	1192	1550	1910	2271	2634	454	630	
14'-0" (168")	PRECAST	716	716	980	1269	1580	1852	2144			
14'-8" (176")	PRECAST	666	666	939	1295	1595	1896	2198	396	493	
15'-4" (184")	PRECAST	607	607	840	1100	1386	1676	1966			
16'-0" (192")	PRECAST	631	631	846	1108	1392	1682	1972	363	556	
17'-4" (208")	PRECAST	500	500	686	841	997	1153				
18'-0" (216")	PRECAST	573	573	682	1004	1367	1637	1897	302	398	
19'-4" (232")	PRECAST	458	458	616	893	1104	1309	1515			
20'-0" (240")	PRECAST	548	548	629	922	1254	1567	1816	286	360	
21'-4" (256")	PRECAST	243	243	295	459	591	724	857			
22'-0" (264")	PRECAST	243	243	352	582	852	1156	1491			
23'-4" (288")	PRECAST	228	228	278	430	553	677	801			
24'-0" (288")	PRECAST	228	228	329	542	791	1072	1381			
25'-4" (308")	PRECAST	188	188	236	361	464	567	670			
26'-0" (316")	PRECAST	188	188	276	449	649	874	1121			
27'-4" (340")	PRECAST	165	165	207	313	401	490	578			
28'-0" (348")	PRECAST	165	165	239	383	550	736	940			
29'-4" (372")	PRECAST	145	145	186	278	356	433	512			
30'-0" (380")	PRECAST	142	142	212	336	477	635	807			
31'-4" (404")	PRECAST	140	140	180	268	343	418	493			
32'-0" (412")	PRECAST	137	137	205	322	457	607	771			
33'-4" (436")	PRECAST	127	127	185	244	312	380	447			
34'-0" (444")	PRECAST	124	124	186	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.

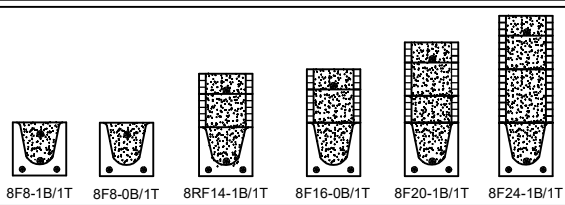
8" PRECAST W/ 2" RECESS DOOR U-LINTELS											
		UPLIFT								LATERAL	
LENGTH	TYPE	8RF6-1T 8RF6-2T	8RF10-1T 8RF10-2T	8RF14-1T 8RF14-2T	8RF18-1T 8RF18-2T	8RF22-1T 8RF22-2T	8RF26-1T 8RF26-2T	8RF30-1T 8RF30-2T	8RU6	8RF6	
4'-4" (52")	PRECAST	1244	1573	2413	3260	4112	4967	5825	932	932	
4'-6" (54")	PRECAST	1244	1519	2339	3170	4008	4850	5696			
		1192	1507	2311	3121	3937	4756	5577	853	853	
4'-6" (54")	PRECAST	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	2891	3497	4106			
6'-8" (80")	PRECAST	778	852	1515	2042	2573	3107	3642	830	1100	
		778	896	1468	1987	2509	3035	3563			
6'-10" (82")	PRECAST	688	697	1320	1810	2280	2763	3237	710	941	
7'-6" (90")	PRECAST	688	849	1302	1762	2225	2690	3157			
		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 E/F/D 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	3138	3377	4689	6001	7315	8630	9947
			3166	4473	6039	7526	9004	10472	11936
4'-0" (48")	PRECAST	2029	2325	2496	3467	4438	5410	6384	7358
			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	2807	5067	6086	5400	6424	7450
5'-10" (70")	PRECAST	972	1000	1059	1474	1889	2304	2721	3137
			1459	2464	4144	5458	6437	5280	6122
6'-6" (78")	PRECAST	937	1255	2011	3263	2746	3358	3971	4585
			1255	2101	3396	5260	7134	8995	6890
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	2666
14'-6" (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								
TYPE		8RU6	8RF6-0B	8RF10-0B	8RF14-0B	8RF18-0B	8RF22-0B	8RF26-0B	8RF30-0B	8RF36-0B
LENGTH			8RF6-1B	8RF10-1B	8RF14-1B	8RF18-1B	8RF22-1B	8RF26-1B	8RF30-1B	8RF36-1B
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'-8"(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	6824	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
3'-6" (42") PRECAST		2727	2784	3981	5190	6407	7630	8857	1257	1257
4'-0" (48") PRECAST		2165	2289	3260	4327	5219	6204	7192		
		2165	2215	3165	4125	5091	6061	7036	938	938
4'-6" (54") PRECAST		1878	1989	2832	3680	4532	5387	6245		
		1878	1925	2750	3583	4422	5264	6110	938	938
4'-6" (54") PRECAST		1660	1762	2520	3257	4010	4767	5525		
		1660	1705	2435	3171	3913	4658	5406	727	727
5'-4" (64") PRECAST		1393 ³	1484	2110	2741	3375	4010	4648		
		1393 ³	1437	2050	2670	3293	3920	4549	505	505
5'-10" (70") PRECAST		1272 ³	1357	1930	2505	3084	3665	4247		
		1272 ³	1315	1875	2441	3014	3583	4157	418	418
6'-6" (78") PRECAST		1141 ³	1200	1733	2250	2769	3290	3812		
		1141	1182	1684	2192	2703	3216	3732	707	887
7'-6" (90") PRECAST		959 ³	912	1475	1914	2354	2797	3240		
		990	1029	1466	1907	2351	2797	3245	591	657
9'-4" (112") PRECAST		801 ³	612	980	1269	1560	1852	2144		
		801	755	1192	1550	1910	2271	2634	454	630
10'-6" (126") PRECAST		716 ³	498	793	1027	1261	1496	1731		
		716	611	1039	1389	1711	2034	2358	386	493
11'-4" (136") PRECAST		666 ³	439	696	899	1104	1309	1515		
		666	535	905	1295	1595	1896	2198	363	556
12'-0" (144") PRECAST		607 ³	400	631	816	1001	1186	1372		
		631	486	818	1209	1514	1799	2086	340	494
13'-4" (160") PRECAST		500 ³	340	532	686	841	997	1153		
		573	409	682	1004	1367	1637	1897	302	398
14'-0" (168") PRECAST		458 ³	316	493	635	778	922	1065		
		548	378	629	922	1254	1567	1816	286	360
14'-8" (176") PRESTRESSED		243	295	459	559	724	857	990		
		243	352	582	852	1156	1491	1742	N.R.	357
15'-4" (184") PRESTRESSED		228	278	430	553	677	801	925		
		228	329	542	791	1072	1381	1678	N.R.	327
17'-4" (208") PRESTRESSED		188	236	361	464	567	670	774		
		188	276	449	649	874	1121	1389	N.R.	255
19'-4" (232") PRESTRESSED		165	207	313	401	490	578	667		
		165	239	383	550	736	940	1160	N.R.	204
21'-4" (256") PRESTRESSED		145	186	278	356	433	512	590		
		142	212	338	447	635	807	993	N.R.	172
22'-0" (264") PRESTRESSED		140	180	268	343	418	493	568		
		137	205	322	457	607	771	947	N.R.	161
24'-0" (288") PRESTRESSED		127	165	244	312	380	447	515		
		124	186	290	408	538	680	833	N.R.	135
*REDUCE VALUE BY 25% FOR GRADE 40 FLEI D REBAR										

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



F = FILLED WITH GROUT / U = UNFILLED

QUANTITY OF #5 REBAR AT
BOTTOM OF LINTEL CAVITY

8F16-1B/1T

NOMINAL WIDTH
NOMINAL HEIGHT

QUANTITY OF #5
REBAR AT TOP

#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)

15-5/8" ACTUAL
16" NOMINAL HEIGHT

7-5/8" ACTUAL
8" NOMINAL WIDTH

Fc precast lintels = 3500 psi.
 Fc prestressed lintels = 6000 psi.
 Fc ground = 3000 psi w/ maximum 3/8" aggregate w/
 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.

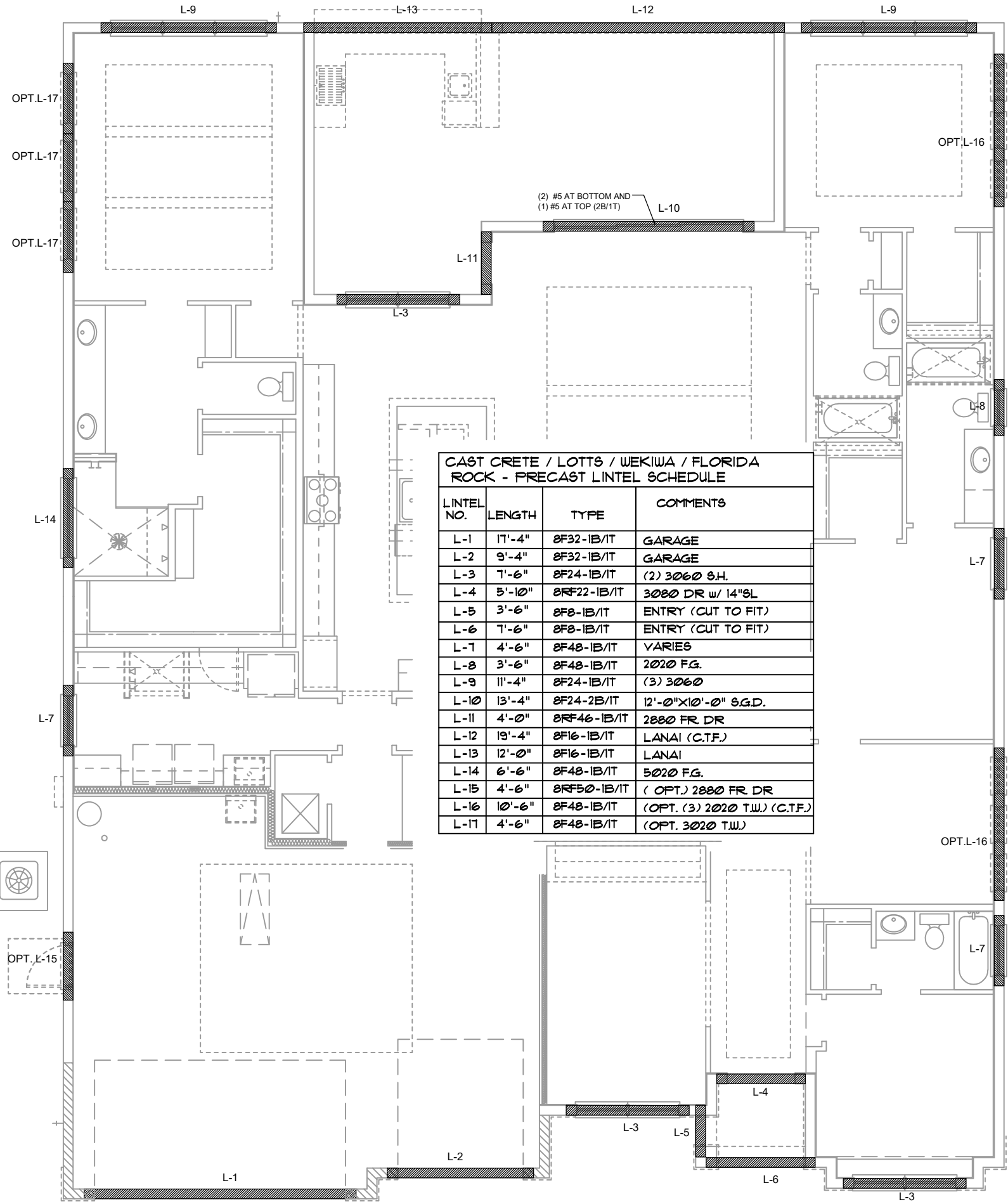
- Provide full mortar head and bed joints.
- Shore filled lintels as required.
- Installation of lintel must comply with the architectural and/or structural drawings.
- Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
- All lintels meet or exceed L360 vertical deflection, except lintels 17"4" and longer with a nominal height of 8" meet or exceed L180.
- 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 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 c-daway 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
		BRF6-2T	BRF10-2T	BRF14-2T	BRF18-2T	BRF22-2T	BRF26-2T	BRF30-2T		
4'-4" (52") PRECAST		1244	1573	2413	3260	4112	4967	5825	832	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	2891	3497	4106		
5'-8" (60") PRECAST		778	882	1513	2042	2573	3107	3642	830	1100
		778	956	1468	1987	2509	3035	3563		
7'-5" (90") PRECAST		688	697	1325	1810	2280	2753	3227	710	941
		688	849	1302	1762	2225	2690	3157		
9'-8" (116") PRECAST		533*	433	808	1123	1413	1704	1995	516	614
		533	527	1009	1369	1728	2088	2450		

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



B (STANDARD)
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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TEG
THOMPSON ENGINEERING GROUP, INC.
4401 Vineland Road Suite A6 Orlando, FL 32811
Ph: (407) 734-1480
Fax: (407) 734-1780
www.tegll.com

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

Park Square HOMES

PRECAST LINTEL PLAN

3240 GALILEO

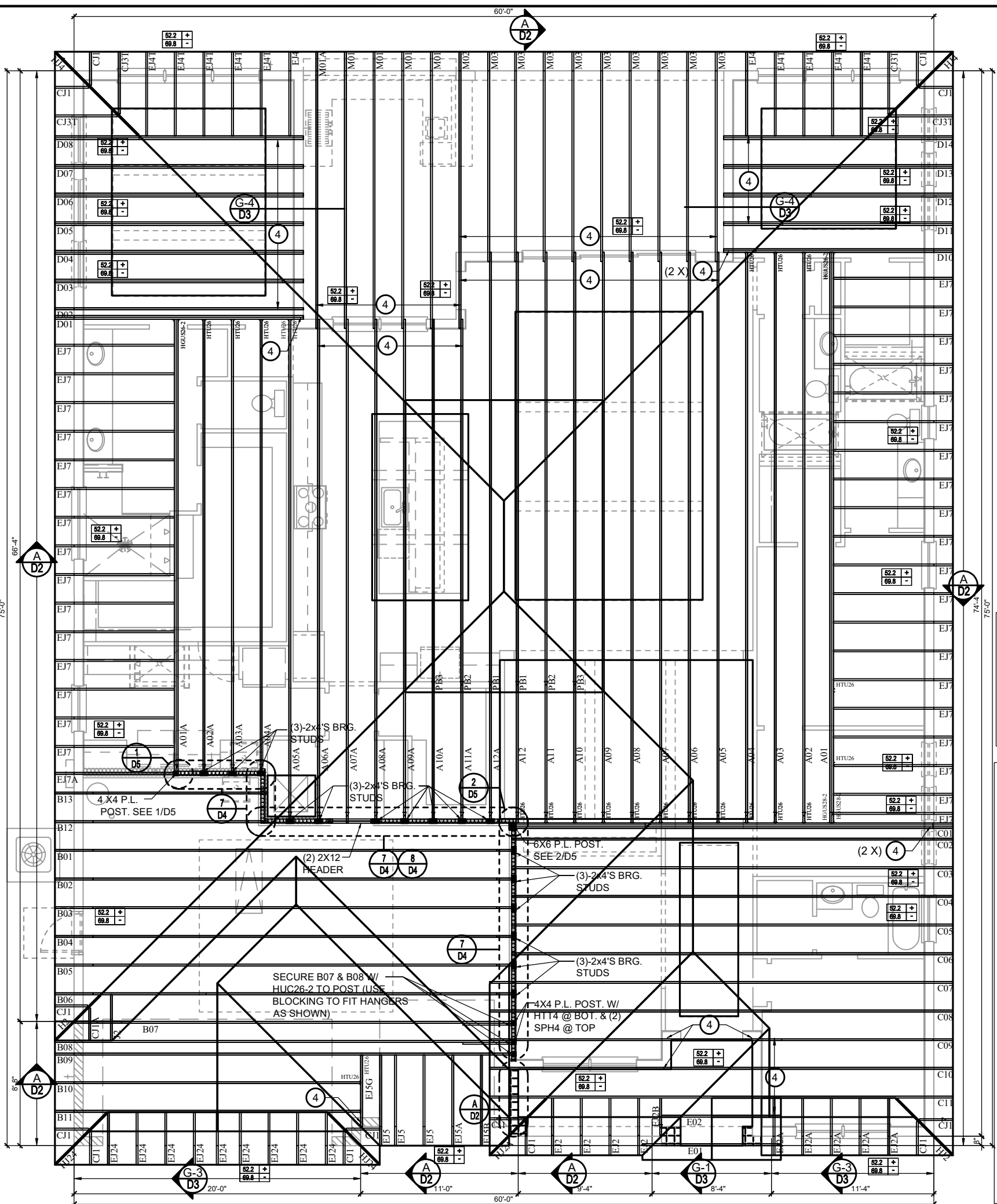
SIGNATURE SERIES

DELTA #	DATE
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S2	

CONNECTOR SCHEDULE

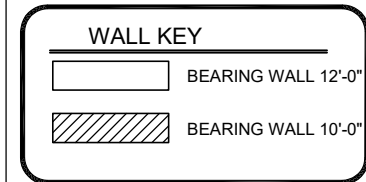
CONNECT. TYPE	SIMPSON		MAX. UPLIFT	LAT. LDS. F1 / F2
	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA16	9-10d x 1½"	1,810	65 / 960
5	DETAL20	18-10d x 1½"	2,480	2000/ 1370
20	H3	RFT: 4-8d / PLT: 4-8d	400	210 / 170
21	H1	RFT:6-8dx1½"/PLT:4-8d	480	510 / 165
22	H10S	RFT: 8-8d x 1½" PLT: 8-8d x 1½"	1010	660/550
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	16-10d	1,415	N/A
38	MTS16	14-10d	990	N/A
39	MTS30	14-10d	990	N/A
43	LSTA12	10-10d	905	N/A
45	ST18	14-16d	1,200	N/A
47	LSTA24	18-10d	1,295	N/A
71	MSTA36	26-10d	2,135	N/A
72	MSTC66	64-16d SINKERS	5,495	N/A
79	SP1	STD:6-10d / PLT:4-10d	535	560 / 260
80	SP2	STD:6-10d / PLT:6-10d	605	560 / 260
81	SPH4,6,8	12-10d x 1½"	885	N/A
90	ABU66	12-16d	2,240	N/A
89	CB66	(2) 7/8" BOLTS	2,300	985
92	ABU44	12-16d	2,200	N/A
93	AC6 (MAX)	28-16d	1,815	1,070
94	AC4 (MAX)	28-16d	1,815	1,070
95	HTS20	20-10d	1,450	N/A
96	HD8A	SILL: 7/8" BOLT STUD:(3) 7/8"x5½" BOLTS	7,910	N/A
97	MTSM16	BLOCK: 4-¼"x2¼" TC JOIST : 7-10d	860	N/A
98	HTT4	SILL: 5/8" BOLT STRAP: 18-16d	4,235	N/A
99	A35	H:4-8dx1½"/P:4-8dx1½"	440	440 / N/A
102	HTT5	5/8" BOLT/ 26-10d	4,275	N/A
103	VGTR/L	32-SDS½"x3"/(2) 7/8" BLT	3,990	N/A
104	HDU8-SDS2.5	7/8" BLT/20-SDS ½"x2½"	5,020	N/A
110	HCP1.81	(6) 0.148 x 1½"	590	255 / N/A
167	HHUS46	H:14-16d/J:6-16d	1,550	N/A
168	U46	H:8-10d/J:4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H:14-16d/J:4-10d	1,085	N/A
214	HUC212-3TF	HD:16-3/16"x1½" TAPCON BM: 6-16d	1,135	N/A
215	HGUS210-2	HDR:46-16d/JST:10-16d	2,720	N/A
216	HUS412	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-¼"x1½" TC JOIST : 10-16d	2,630	N/A
219	MBHA412	H:1-ATR3/4X8 TOP&FACE JOIST: 18-10d	3,145	N/A
220	N/A	N/A	1,620	N/A
226	MBHA4.75/12	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	2,160	N/A
231	MBHA3.56/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
232	MBHA5.50/16	HDR : (2) 3/4" φ x 8" JOIST : 18-10d	3,450	N/A
240	H16	R:2-10dx1½"/P:10-10dx1½"	1,470	480 / N/A
241	LGT2	30-16d-sinker	2000	1015 / 440
301	MGT	(1) 5/8"BLTS./GIR: 22-10d	3,965	N/A
302	HGT-2 or 3	LTL:3/4"BLTS./GIR: 8-10d	6485	N/A
303	HGT-4	LTL:3/4"BLTS./GIR: 16-10d	9,250	N/A
401	SURL414	FACE:18-16d/JST:8-16d	1,700	N/A
T	CONNECTORS TO BE SPECIFIED & PROVIDED BY TRUSS MANUFACTURERS			

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



CONNECT. TYPE	SIMPSON		MAX. UPLIFT	LAT. LDS. F1 / F2
	DESCRIPTION	FASTENERS PER CONNECTOR		
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20	H3	RFT: 4-8d / PLT: 4-8d	400	210 / 170
21	H1	RFT:6-8dx1½"/PLT:4-8d	480	510 / 165
22	H10S	RFT: 8-8d x 1½"	1010	660/550
		PLT: 8-8d x 1½"		
23	LUS26	HDR: 4-10d/JST: 4-10d	935	N/A
24	H7	RFT / TRS: 4-8d	985	400 / N/A
		PLT / STD: 10-8d		
26	H2.5	RFT:5-8d / PLT: 5-8d	415	150 / 150
34	A34	H:4-8dx1½"/P:4-8dx1½"	365	280 / 303
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214	HUC212-3TF	HD:16-3/16"x1½" TAPCON BM: 6-16d	1,135	N/A
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1/8"=1'-0" (11x17) 1/4"=1'-0" (22x37)



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. TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
2. TYPICAL ROOF EAVES OVERHANG TO BE 16" UNLESS OTHERWISE NOTED.
3. PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC.STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH 8TH EDITION (2023)FLORIDA RESIDENTIAL CODE.
4. ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE 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/WTCA BCSI 1.
6. REFER TO TRUSS MANUFACTURERS DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
7. ROOF UNDERLAYMENT TO BE USED IS 30 LBS. SYNTHETIC FELT.
8. SHINGLE ROOF : UNDERLAYMENT TO BE INSTALLED IAW FBCR 2023, 8TH EDITION R905.1.1.1 UNDERLAYMENT MATERIALS REQUIRED TO COMPLY WITH ASTM D226, D1970, D4889 AND D6757 SHALL BEAST 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.

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ITTEG
THOMPSON ENGINEERING GROUP, INC.
4401 Vineland Road Suite A6 Orlando, FL 32811
Ph: (407) 734-1460
Fax: (407) 734-1790
www.itteg.com

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

ROOF FRAMING PLAN

3240 GALILEO

SIGNATURE SERIES

REVISIONS

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

	Date _____
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DATE: 02-25-25

SCALE: AS NOTED

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.

STRUCTURAL NOTES

1. THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 8TH EDITION, FBCR 2023 (WIND LOAD @ 140 MPH.)
LIVE LOAD ROOF: 20 PSF.
FLOOR: 40 PSF, BALCONIES & STAIRS: 40 PSF
OCCUPANCY= 1.0
BUILDING CATEGORY R3, WIND EXPOSURE C
INTERNAL PRESSURE COEFFICIENTS = +0.18 AND -0.18
2. WINDOWS, DOORS, AND GARAGE DOORS TO BE DESIGNED TO MEET FBCR SECTION R301
3. ALL FLOOR SLABS TO BE OF 3,000 PSI CONC. PLANT MIX MIN. 4" THICK WITH 6x6 10/10 WIRE MESH 6 MIL. POLY. VAPOR-BARRIER OVER TERMITE TREATED COMPACTED CLEAN FILL.
4. CONCRETE MASONRY UNITS SHALL MEET: CH. 1-3 OF ACI 530-02/ ASCE 5-02/TMS 402-02 OR BIA BUILDING CODE REQUIREMENTS.
5. MORTAR TO BE TYPE "M" OR "S", GROUT - 2,500 PSI @ 28 DAYS.
6. MASONRY CLEAN OUTS REQUIRED @ GROUT GREATER THAN FIVE (5) FEET IN HEIGHT AND ALL VERTICALS.
7. REBAR TO BE # 5'S GRADE 60, W/ MIN. LAP OF 25". USE "L" BARS @ CORNERS AND USE STANDARD HOOKS @ CHANGE IN DIRECTION WITH MIN. LAP 12"
8. GYP. BD. CEILING SHALL BE INSTALLED PERP. TO FRAMING & NAILED @ 7" O.C. WITH 5d NAILS. GYP. BD. WALLS SHALL BE NAILED @8" O.C. WITH 5d NAILS
9. UPLIFT CONNECTOR'S TO PROVIDE CONTINUITY FROM ROOF TRUSSES THRU PLATES TO SLAB AND FOUNDATION PER ENCLOSED DETAILS.
10. EPOXY ANCHOR ALTERNATIVE:
THREADED ANCHOR ROD MAY BE USED IN LIEU OF ANCHOR BOLTS FOR USE AS PLATE ANCHORS OR HURRICANE ANCHORS.
THE FOLLOWING CRITERIA MUST BE MET:

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

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

1. SOIL BEARING CAPACITY 2000 PSF MINIMUM

WOOD STRUCTURAL NOTES

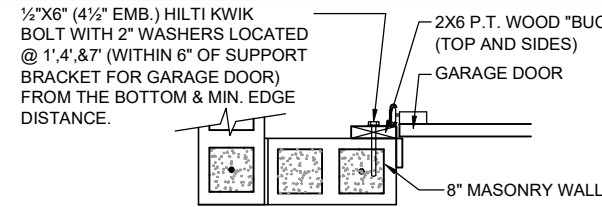
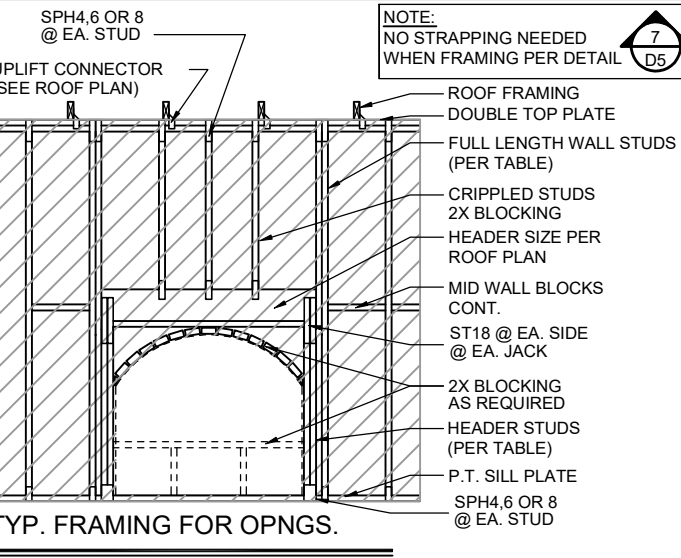
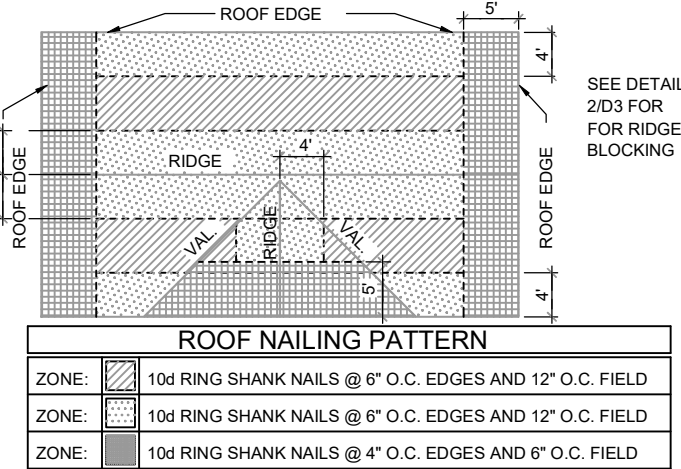
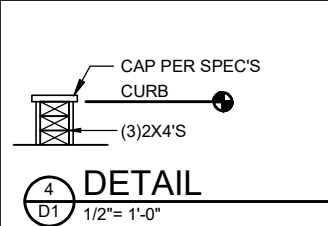
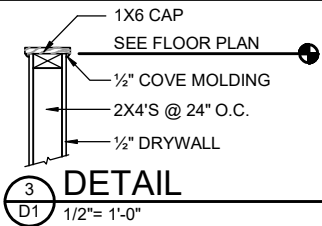
1. ALL WOOD TO BE SPECIES, GROUP, AND GRADE AS NOTED BELOW. DAMAGED WOOD NOT TO BE USED.
2. ALL STRUCTURAL LUMBER SHALL BE SPF (SPRUCE-PINE-FIR) #2 OR BETTER UNLESS OTHERWISE NOTED. (PRE ENG. TRUSSES EXCLUDED)
3. END JOINT IN STRUCTURAL DOUBLE TOP PLATE TO BE OFFSET AT LEAST 4". STRUCTURAL DOUBLE PLATES TO BE NAILED @ 6" O.K..
4. PLYWOOD OR OSB. WALL SHEATHING NAIL PATTERN TO BE 10d @ 6" O.C.. UNLESS OTHERWISE NOTED.
5. NUMBER OF HEADER STUDS AND ADJACENT FULL LENGTH STUDS PER WALL AND HEADER STUD REQUIREMENT SCHEDULE.
6. MAX. 1" HOLE DRILLED INTO EXTERIOR STRUCTURAL STUDS.
7. DBL. STUDS @ EA. END OF SHEAR WALL.
8. WHEN ANCHORING MULTIPLE WD. ITEMS TOGETHER, THE LENGTH OF HURRICANE STRAP MUST BE CENTERED.
9. NAIL PATTERN
- DOUBLE PLATE 12" O.C.. OUTSIDE SPLICE ZONE (SEE NOTE 4)
-DOUBLE STUDS @ 12" O.C..
-DOUBLE OR TRIPLE HEADER @ 6" O.C.. @ EDGE @ 12" O.C.. INTERMEDIATE.
-HEADER TO STUD @ 4" O.C.. EA. HEADER MEMBER.
-STUD TO TOP OR BOTTOM PLATE : (2) 16d THRU PLT. OR (2) 16d EA. SIDE TOE NAILED TO PLT.
10. -ROOF SHEATHING SHALL BE FASTENED TO ROOF FRAMING IN ACCORDANCE WITH TABLE R803.2.3.1 FOR SHINGLE ROOF TO BE MIN. 15/32 OSB, NAILED TO ROOF TRUSSES SPACED @ 24" O.C. (MAX) WITHOUT BLOCKING. SHEATHING SHALL BE FASTENED WITH ASTM F1667 RSR5-01(2 3/8" X0.113") NAILS OR RSR5-04 (3"X0.120"X0.281 HEAD DIAMETER) NAILS.
-ROOF SHEATHING FOR TILE ROOF TO BE MIN. 19/32" OSB, 1/2" CDX PLYWOOD OR 1/2" ADVANTECH. NAILED TO ROOF TO ROOF TRUSS SPACED @ 24" O.C. (MAX) WITHOUT BLOCKING. SHEATHING SHALL BE FASTENED WITH RSR5-04 (3"X0.120"X0.281 HEAD DIAMETER) NAILS.
11. FLOOR SHEATHING TO BE MIN. 23/32" PLYWOOD NAILED @ 6" O.C. W/ #8 RING SHANK NAILS AND LIQUID NAIL ADHESIVE.
12. ALL FLOOR TRUSSES TO BE END BLOCKED @ BEARING LOCATIONS
13. TRUSS BRACING PER TRUSS MANUFACTURE'S DRAWINGS.
14. ALL NAILING SPECIFIED TO BE APPLIED BY NAIL GUN OR MANUALLY
15. ALL WOOD IN DIRECT CONTACT WITH MASONRY SHALL BE PRESSURE TREATED.
16. 2000 PSF MINIMUM SOIL BEARING CAPACITY
17. NON BEARING WALL: 2X4 SPACED AT 24" O.C. UP TO 12'-0" HEIGHT WITH 2 ROWS OF HORIZONTAL 2X4 BLOCKING SPACE AT 4'-0" O.C.

GENERAL CONTRACTOR:

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

FIELD REPAIR NOTES

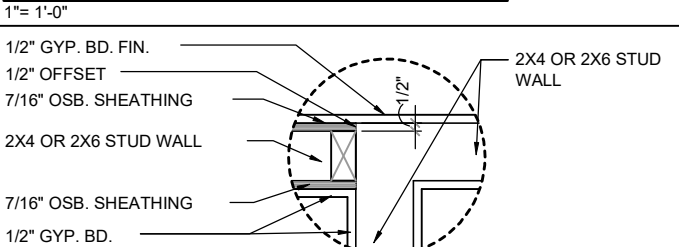
1. MISSED LINTEL STRAPS FOR MASONRY CONSTRUCTION MAY BE SUBSTITUTED W/ (1) USP MTW16 OR HC10 OR SIMPSON MTSM16 W/ (4) -1/4" X 2-1/4" TAPCONS TO BOND BEAM AND (7) 10d NAILS TO TRUSS FOR UPLIFTS LESS THAN 860 LBS (USE (2) MTSM16 FOR UPLIFTS LESS THAN 1720#). NO MORE THAN 10 STRAPS MAY BE SUBSTITUTED OR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



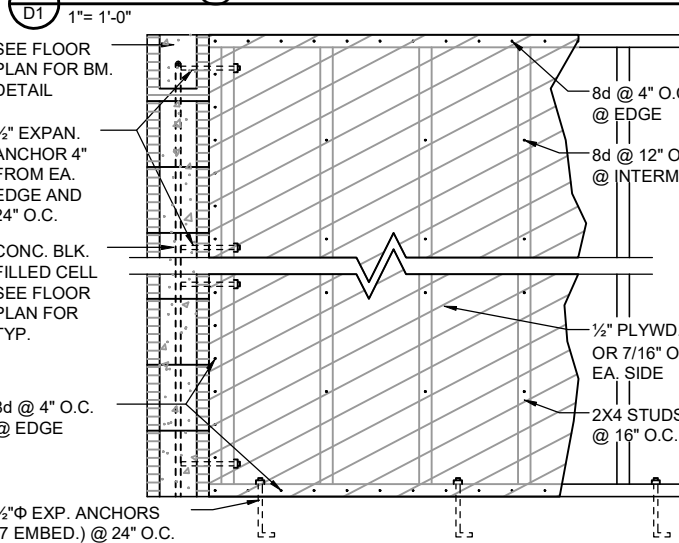
- DETAIL TO SATISFY 150 MPH WIND LOAD
- MASONRY FRAME SHALL BE MIN 8X16 ASTM C-9D
- GROUT FILLED CELL W/1/2" ASTM 2 #5 REBAR (GRADE 60)
@ EA. SIDE OF GARAGE DOOR OPENING
- MAX. DISTANCE TO CORNER OF C.B.S. WALL REINF. 48"
- REINF. TO BE CONT. FROM FTG. TO TIE BEAM W/ ALL "ACI" DETAILS & DEVELOPMENT LENGTHS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

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

GARAGE BUCK DETAIL



DETAIL @ CONN. TO REG. WALL

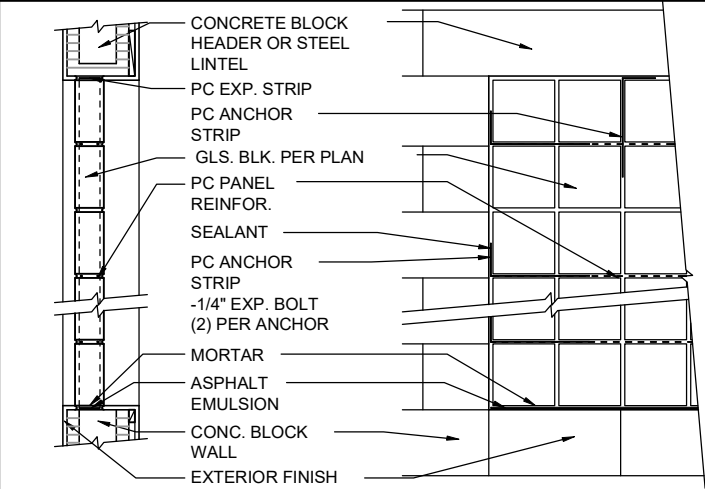
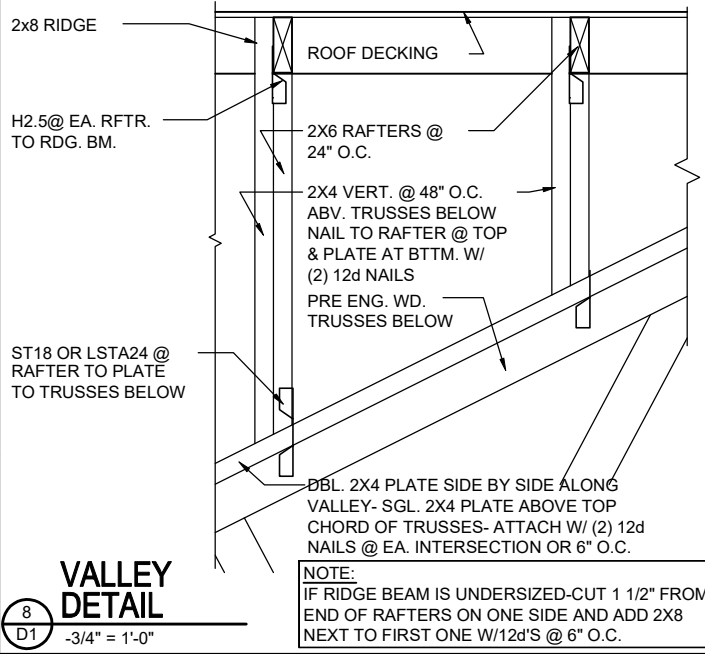
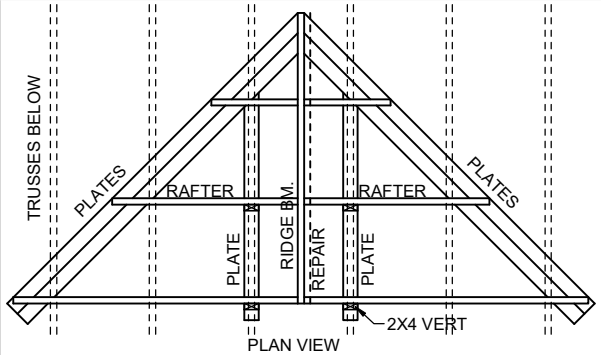


SHEAR WALL DETAIL

NOTED AS SHEAR WALL ON PLANS

MIN. WALL AND HEADER REQUIREMENTS

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



PANEL ANCHOR CONSTRUCTION

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

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.

GLASS BLOCK DETAIL

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Phone (407) 529-3000
www.hitec.com

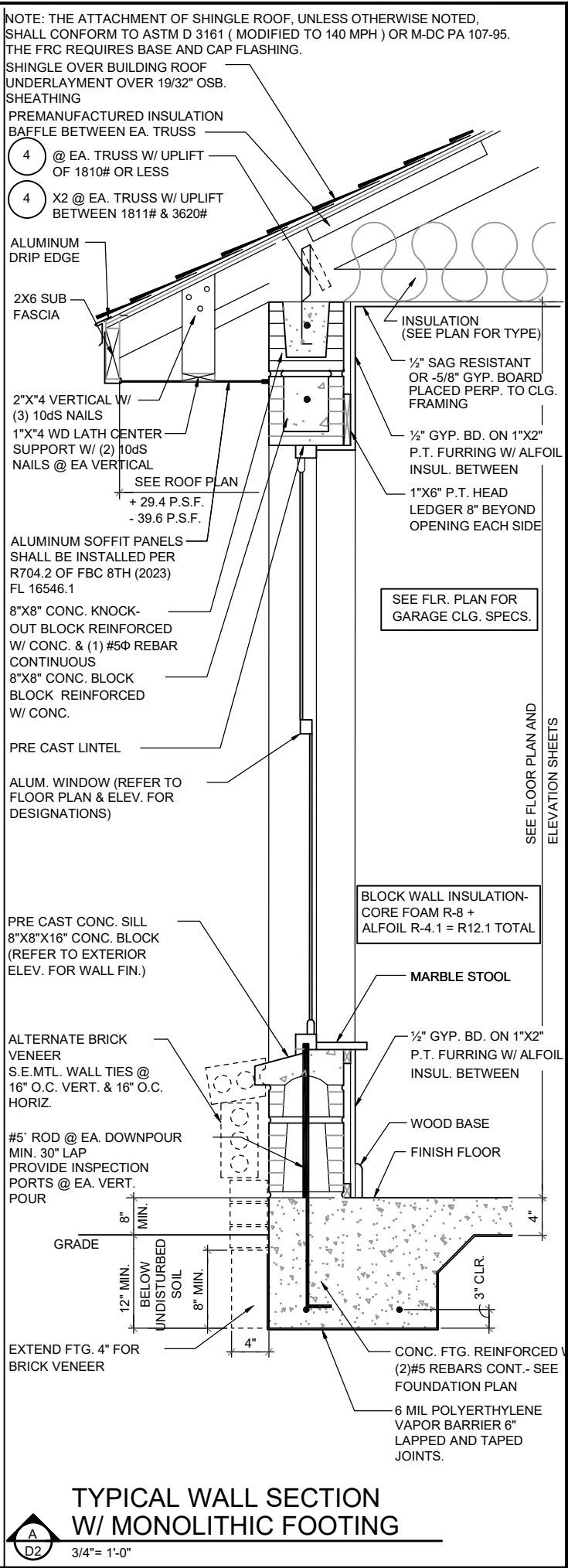
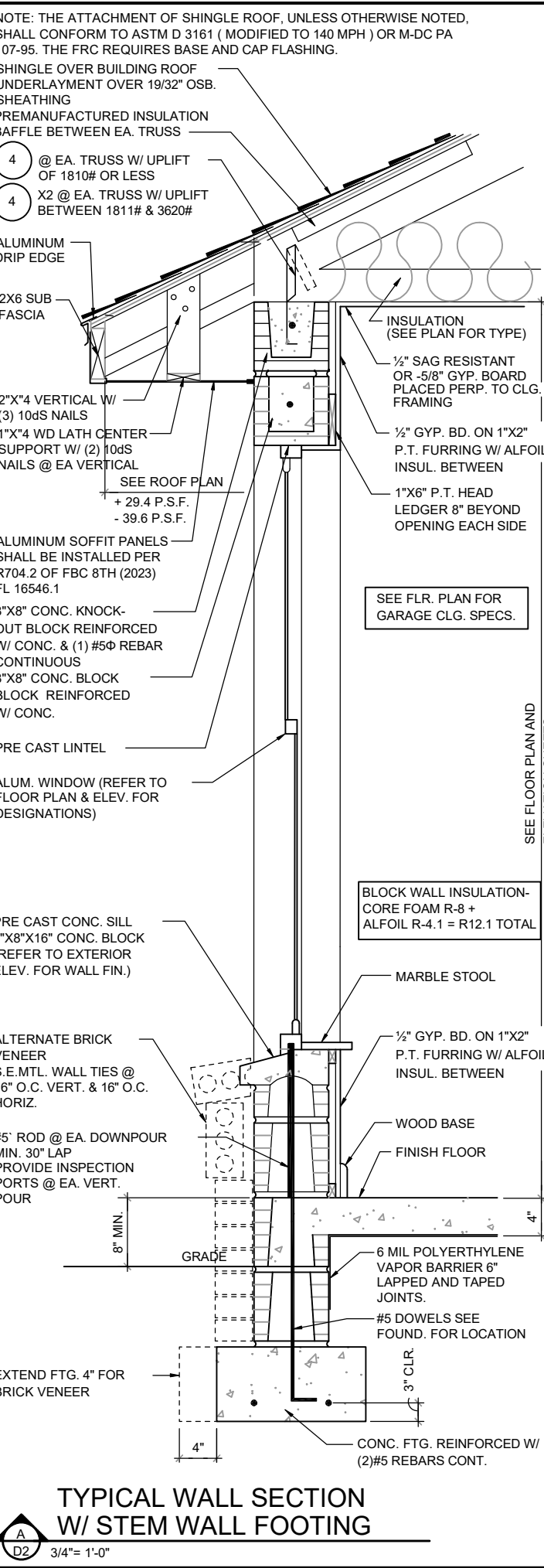
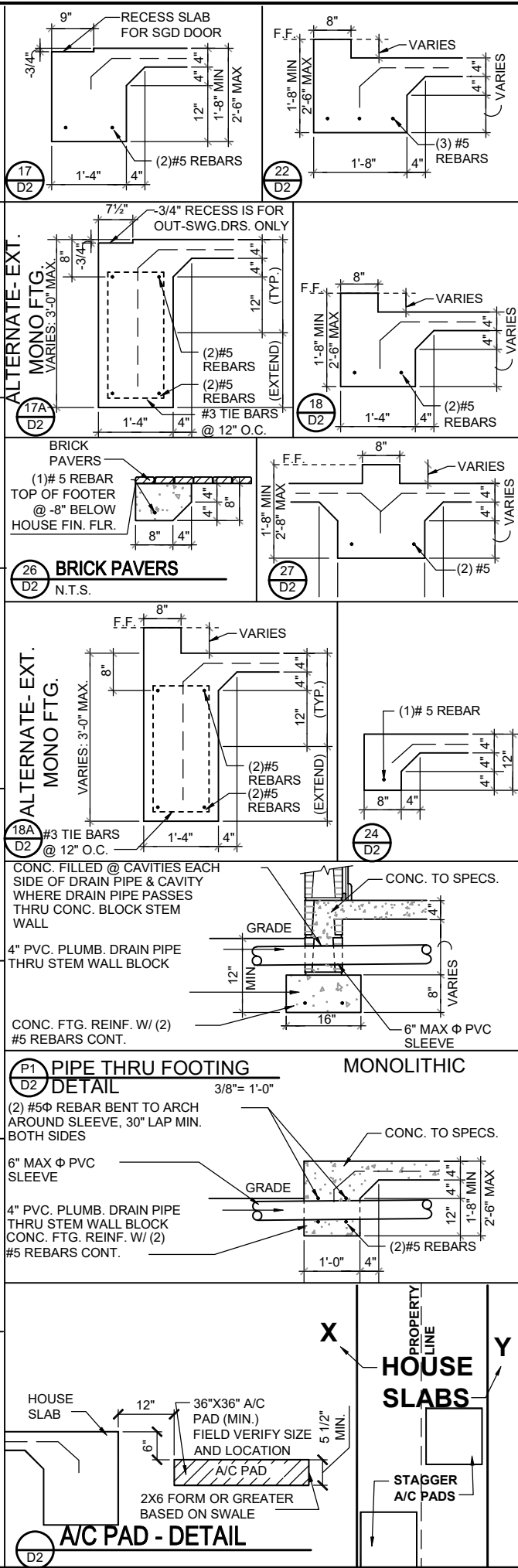
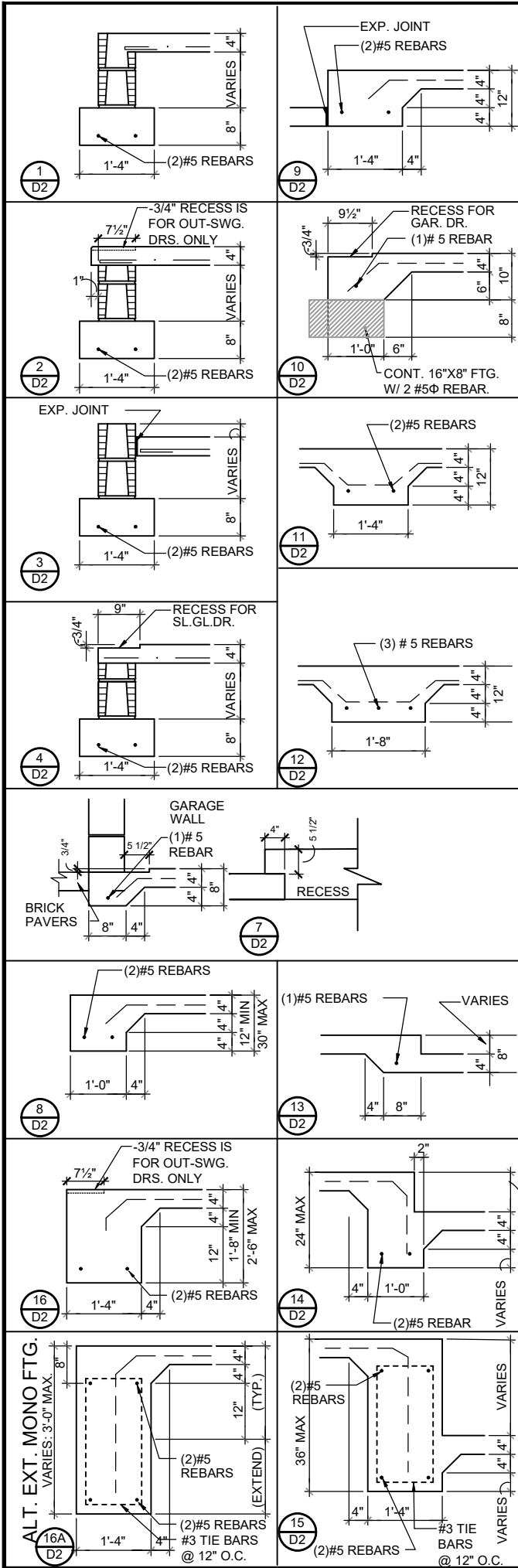
STRUCTURAL NOTE & DETAILS

3240 GALILEO

SIGNATURE SERIES

REVISIONS

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DATE:	02-25-25
SCALE:	AS NOTED
DRAWN:	MR
SHEET:	D1



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Phone: (407) 734-1700
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Park Square
HOMES

STRUCTURAL DETAILS

3240 GALILEO

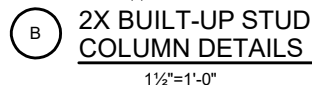
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SHEET:	

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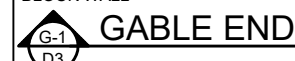
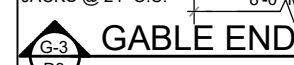
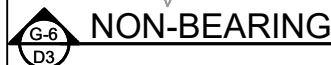
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USE MIN. 2-1/4" T-NAILS w/ 1x BUCK. USE MIN. -1/4" x 3" TAPCONS w/ 2x BUCK.
START ALL END TAPCONS WITHIN 6" OF CORNERS AND 30" ON CENTER
MAXIMUM

NOTE

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



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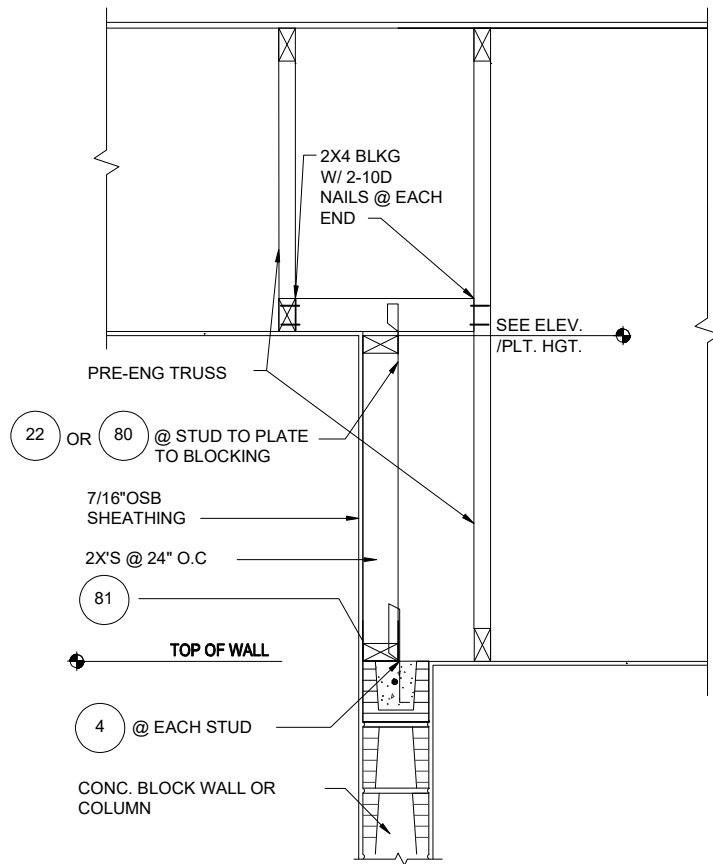
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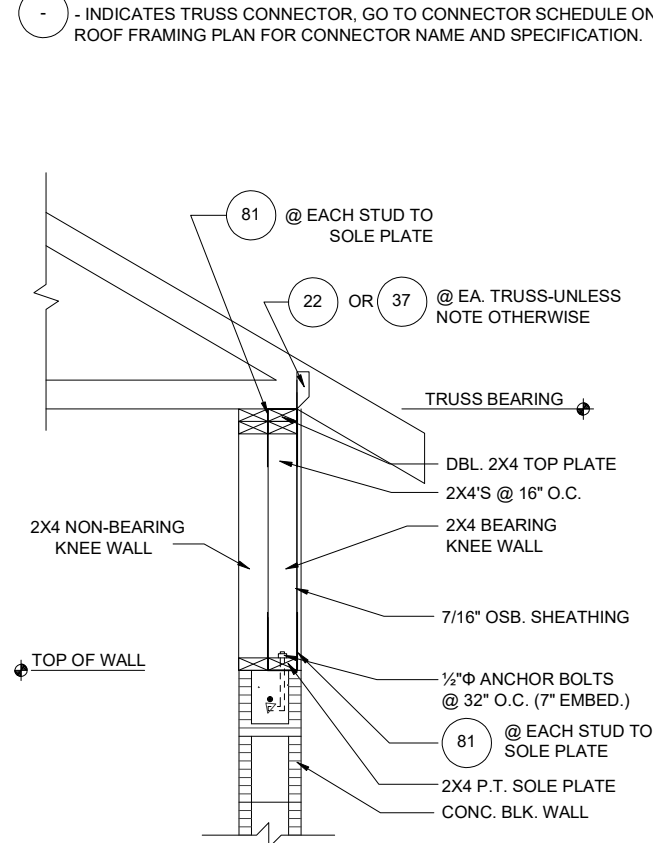
STRUCTURAL DETAILS

3240 GALILEO	SIGNATURE SERIES
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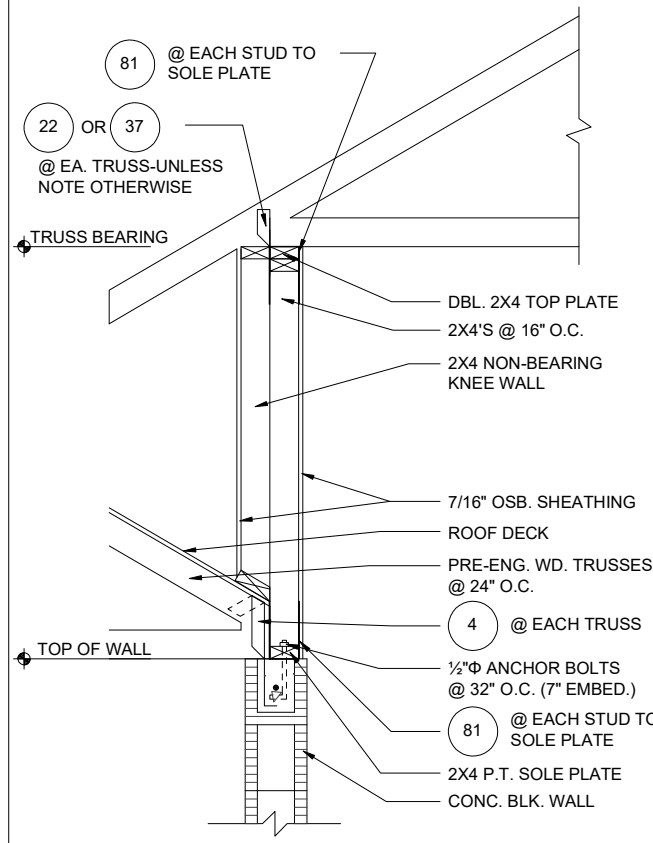
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DATE: 02-25-	
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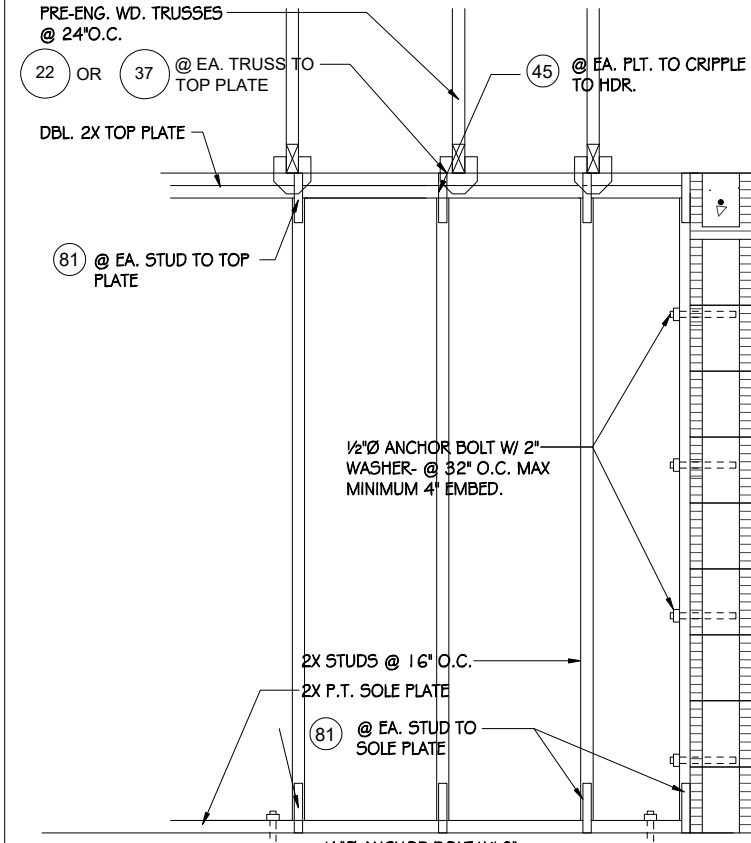
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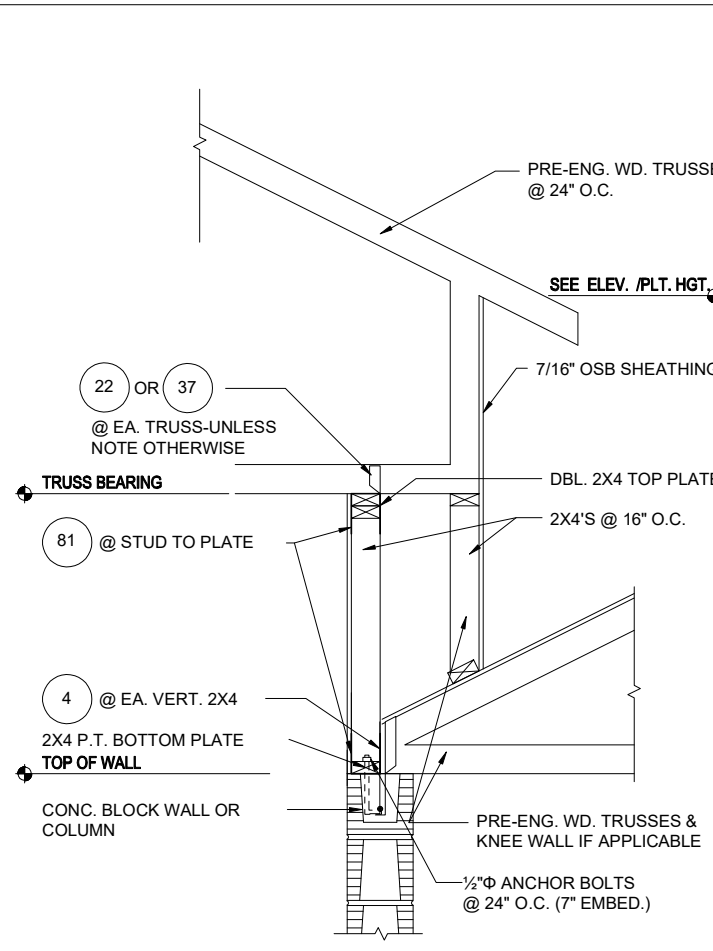
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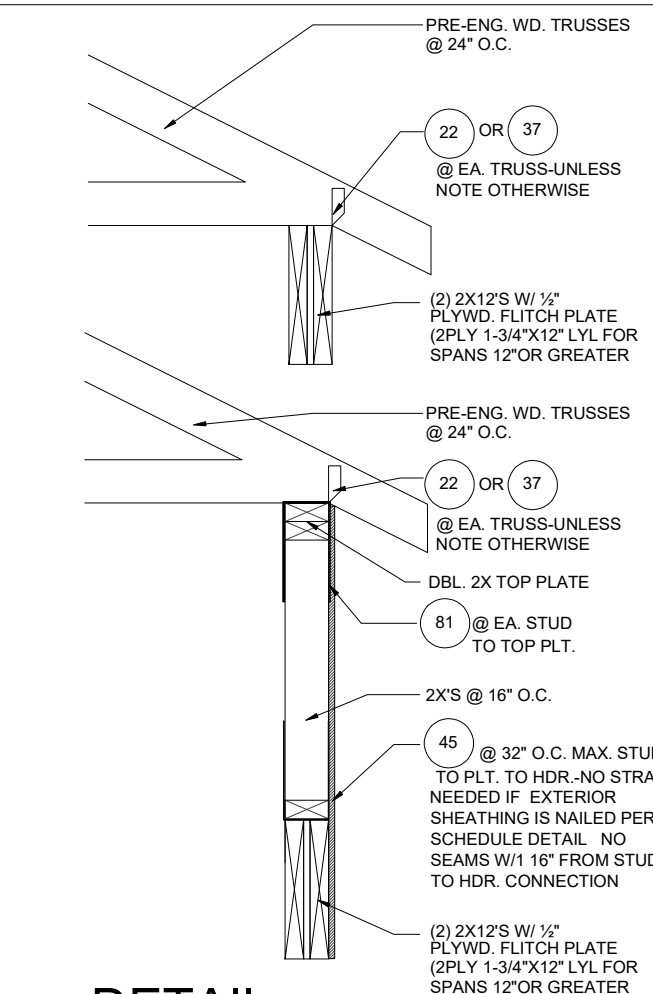
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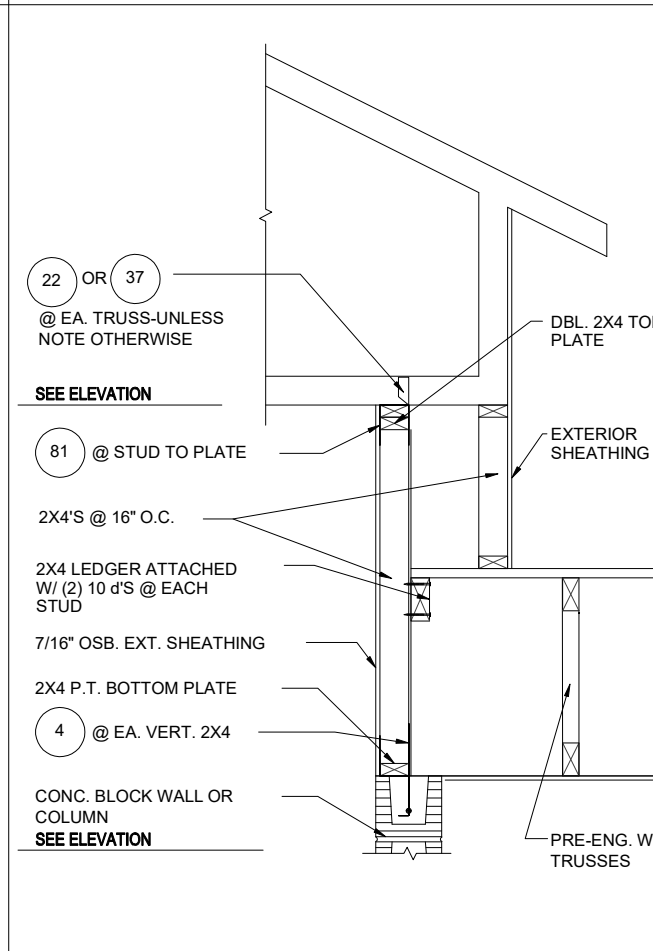
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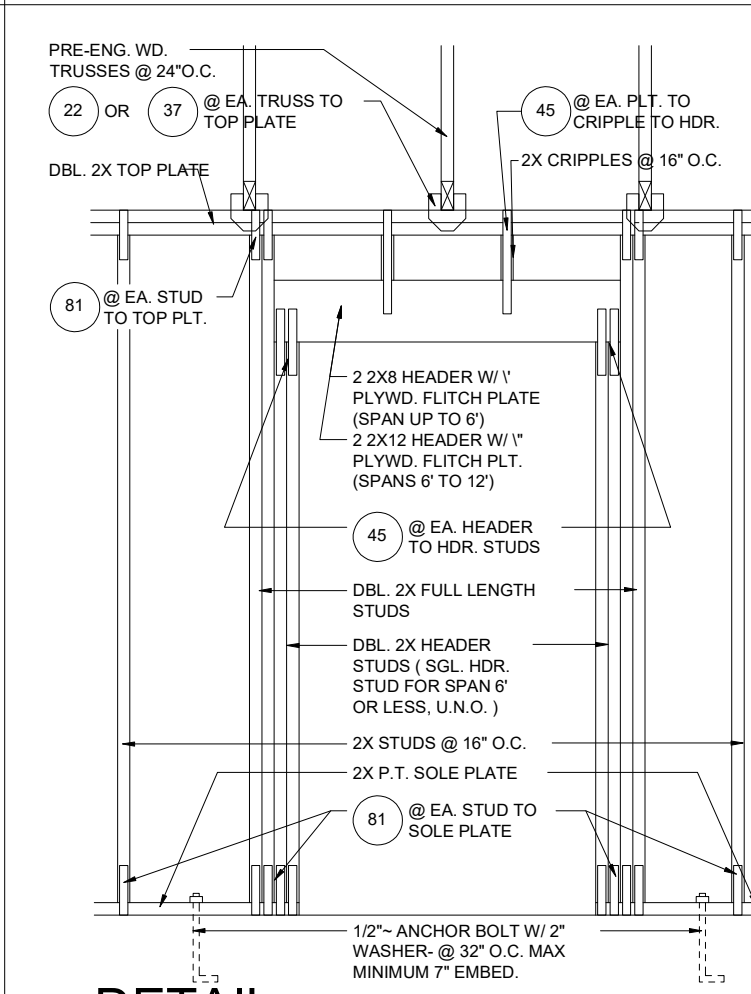
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D4 **DETAIL**
1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



5
D4 **DETAIL**



6
D4 **DETAIL**



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

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Park Square Homes

STRUCTURAL DETAILS

3240 GALILEO

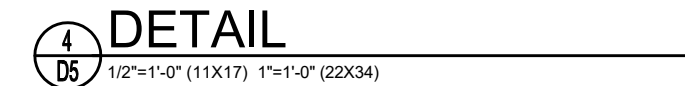
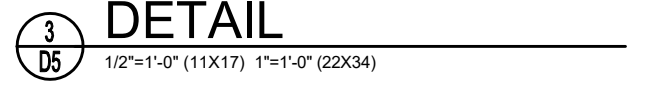
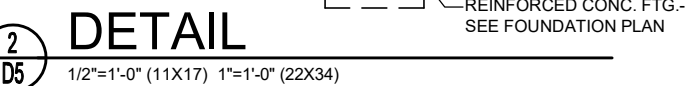
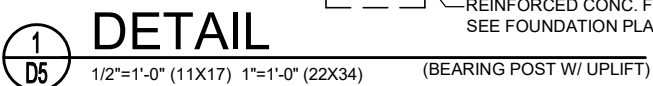
SIGNATURE SERIES

REVISIONS

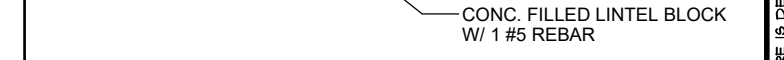
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DATE: 02-25-25
SCALE: AS NOTED
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SHEET: **D4**

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5200 Vineland Road, Suite 200
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