

35-1771

DAYTONA

REVISION SCHEDULE:

NO:	DATE:	DESCRIPTION:	BY:
1	05/15/2020	ADDED PANTRY TO STANDARD AND STUDY FLOOR PLAN	C.C.
2	05/28/2020	COMPLETED VR FRAME WALK REVISIONS	C.C.
3	06/29/2020	REVISED OVERHANGS FROM 16" TO 12"	C.C.
4	08/25/2020	REVISED FRONT ENTRY COLUMNS	C.C.

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A2	FLOOR PLAN - ELEV. "A,B,C"
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A3.B	EXT. ELEVATION B, FRONT & REAR
A3.C	EXT. ELEVATION C, FRONT & REAR
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A4.B	EXT. ELEVATION B, LEFT & RIGHT
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SD.2	STRUCTURAL DETAILS
SD.3	STRUCTURAL DETAILS
SD.4	STRUCTURAL DETAILS

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35-1771

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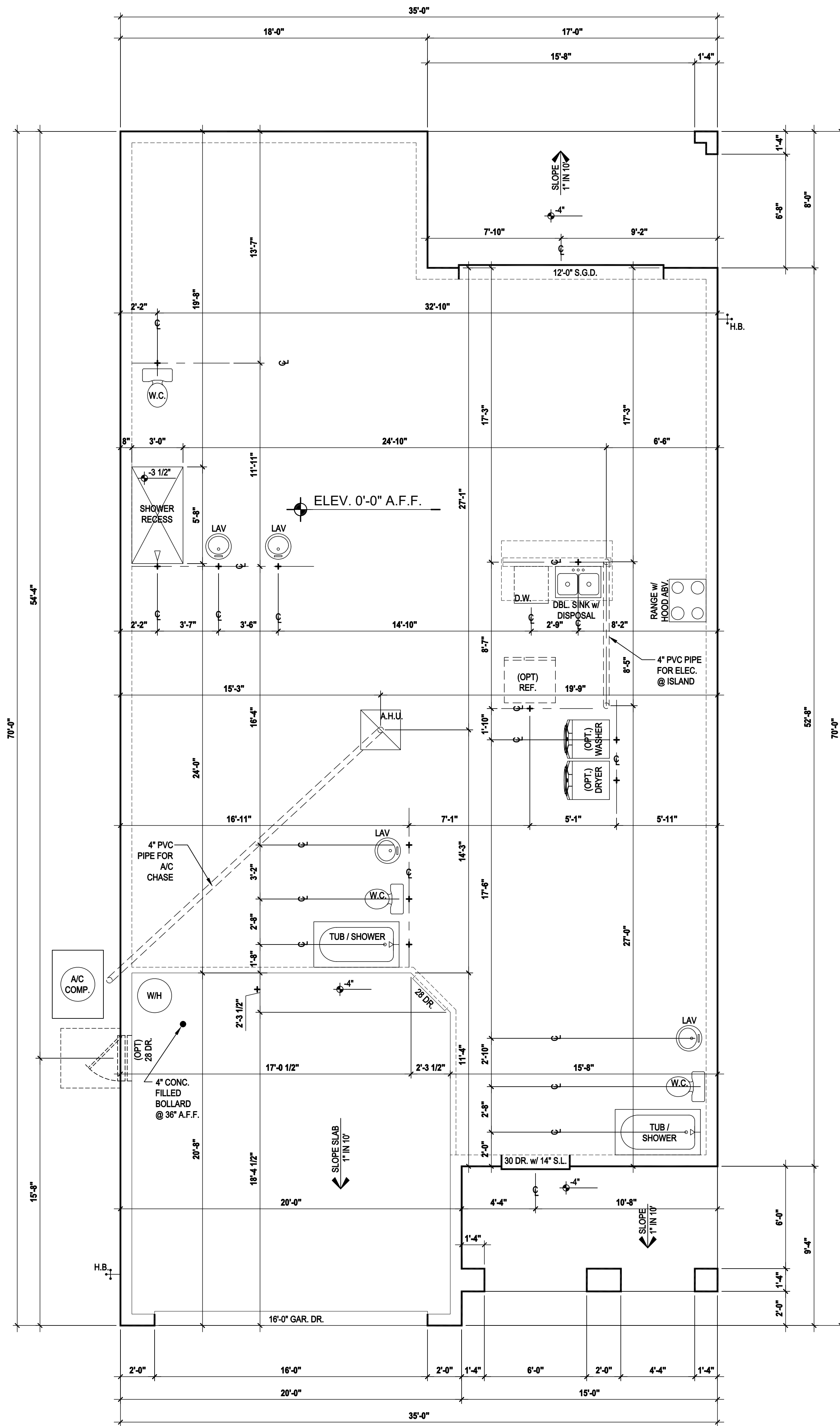
SCALE: AS NOTED

DRAWN BY: JML

DESIGNED BY: MJS

COVER PAGE

00



Slab Layout "A,B,C"

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

GENERAL NOTES KEY:

- 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.
- WATER HEATER T & P RELIEF VALVE SHALL BE FULL SIZE TO EXTERIOR WATER HEATED AT OR ABOVE FLOOR LEVEL SHALL BE IN A PAN WITH DRAIN TO EXTERIOR. WATER HEATER SHALL HAVE AN APPROVED THERMAL EXPANSION DEVICE.
- PAVERS MAY BE USED ILO CONCRETE SLAB AT PATIO, PORCH, DRIVE AND WALKWAY.
- IN LEIU OF TREATING THE SOIL AN ALTERNATIVE TO TERMITE TREATED SOIL CAN BE TERMICIDE.
- BORA-CARE TO BE APPLIED ON INTERIOR WALLS IAW MANUFACTURERS INSTRUCTIONS AND SPECIFICATIONS. PURSUANT TO CH.482 OF THE FLORIDA BUILDING CODE.

DOOR NOTE KEY:

DOOR SIZE CALLOUT:

- 20 = 2'-0" 40 B.F. = 4'-0" BIFOLD
- 24 = 2'-4" 50 B.F. = 5'-0" BIFOLD
- 26 = 2'-6" 60 B.F. = 6'-0" BIFOLD
- 28 = 2'-8"
- 30 = 3'-0"

* ALL INT. DOORS TO BE 6'-8" TALL U.N.O. OR PER BUILDER/CLIENT



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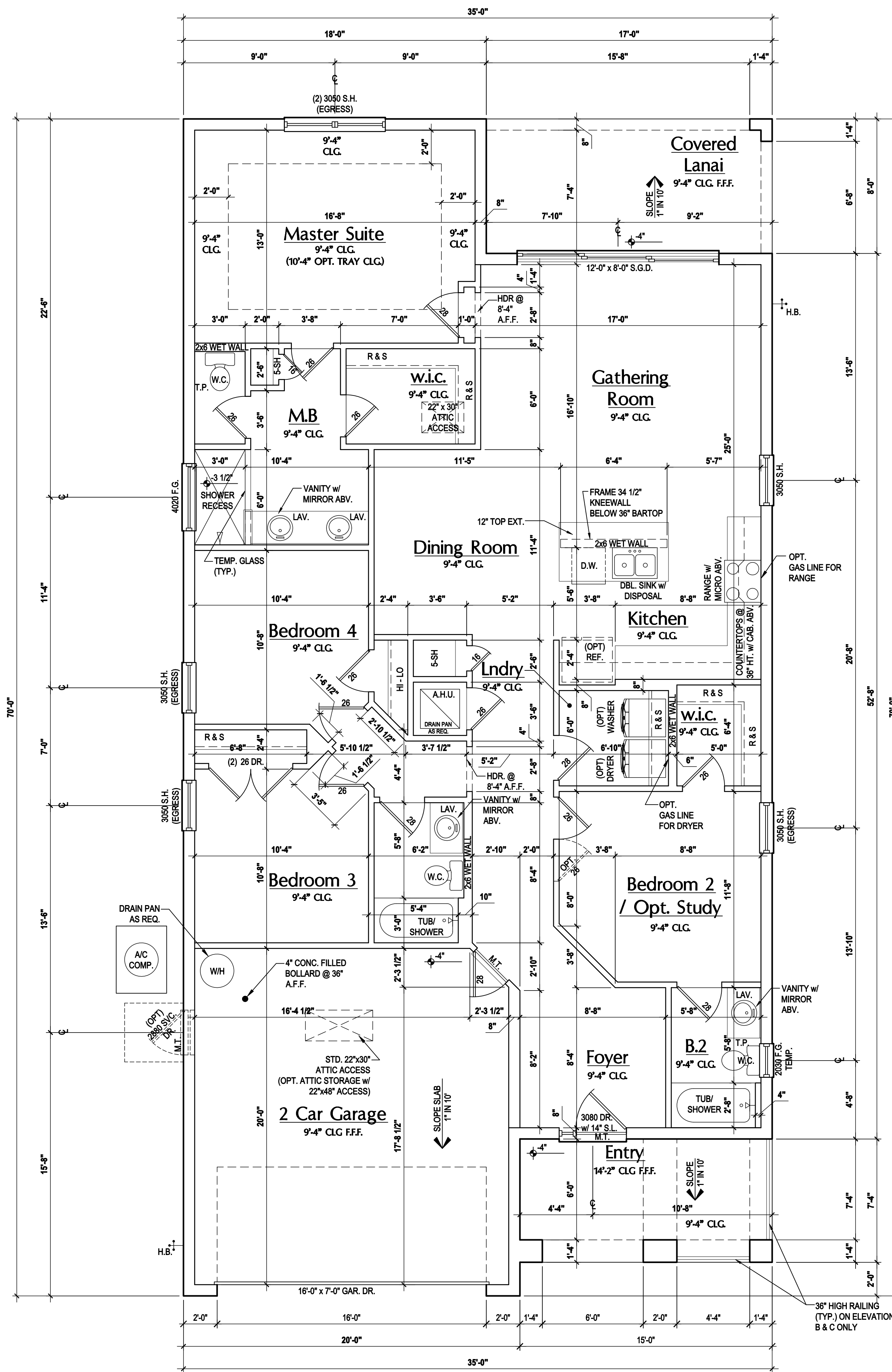
SLAB LAYOUT

A1

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WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. Conflicts in writing of any change in the dimensions, conditions and specifications appearing on these plans.



First Floor Plan "A,B,C"
(Standard)

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

GENERAL NOTES KEY:

THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED REQUIREMENTS OF THE (2017) FLORIDA BUILDING CODE (6TH EDITION)

- ABBREVIATIONS:**
- 2- # OF DOORS.
 - 2- # OF WINDOWS.
 - MT - METAL THRESHOLD
 - FR - FRENCH DOORS
 - SL - SIDE LIGHT
 - FG - FIXED GLASS
 - TR - TRANSOM
 - GB - GLASS BLOCK
 - PKT - POCKET DOOR
 - OBS - OBSCURED GLASS
 - TEMP - TEMPERED GLASS
 - SH - SINGLE HUNG
 - DH - DOUBLE HUNG
 - HR - HORIZONTAL ROLLER
 - BP - BYPASS
 - BF - BIFOLD
 - TYP. - TYPICAL

NOTE:
SPECIALTY WINDOWS/DOORS, FIXED GLASS WINDOWS, AND TRANSOMS ARE NOTED ON PLANS.

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 3. MECHANICAL EQUIP. LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
 4. A/C CONDENSER UNIT TO BE ANCHORED TO SLAB PER CODE M307.2 & M1309.3.
 5. PROVIDE RECESS H&C WATER W/ DRAIN @ WASHER SPACE.
 6. VENT DRYER THRU EXTERIOR WALL U.O.
 7. PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
 8. SAG RESISTANT DRYWALL ON ALL CEILINGS.
 9. PULL ALL DIMENSIONS FROM THE REAR OF PLAN.
 10. REFER TO EXTERIOR ELEVATIONS & TYP. DETAIL SHEETS FOR EXTERIOR WALL FINISH SPECS.
 11. REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES.
 12. ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3 1/2" U.O.
 13. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7 1/2" U.O.
 14. ALL INT. FIRST FLOOR CEILINGS AT 9'-0" U.O.
•• ALL INT. SECOND FLOOR CEILINGS AT 8'-0" U.O.
 15. C.M.U. & FRAME WALL SYSTEM SEGMENTS WHICH HAVE AN UNINTERRUPTED LENGTH OF 12'-0" OR MORE SHALL BE CONSIDERED SHEAR WALL SWS = SHEAR WALL SEGMENTS.
 16. OPENING BETWEEN GARAGE AND RESIDENCE SHALL BE EQUIPPED W/ A 20 MIN. FIRE RATED SOLID WOOD OR HONEYCOMB CORE STEEL DOOR NOT LESS THAN 1 3/8" THICKNESS AS PER FBC-R302.5.1.
 17. INSTALL 5/8" TYPE X DRYWALL ON GARAGE CEILING BENEATH HABITABLE ROOMS (TYP.)
 18. GARAGE DOOR TO BE CERTIFIED BY MFR. FOR 140 M.P.H.
 19. ALL TUB & SHOWER UNITS WILL HAVE ANTI-SLIP DEVICES INSTALLED.
 20. ALL OPERABLE WINDOWS LOCATED MORE THAN 7" ABV. SURFACE BELOW SHALL HAVE THE LOWEST PORTION OF WINDOW CLEAR OPENING A MIN. OF 24" ABOVE FINISHED FLOOR BEING SERVER PER FBC-R312.2).
 21. ALL INT. DOORS TO BE 6'-8" TALL U.O. OR PER BUILDER / CLIENT
 22. 1/2" GYPSUM BOARD APPLIED TO THE GARAGE SIDE OF WALL TO UNDERSIDE OF DECKING
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 24. SOIL TESTING IS RECOMMENDED, BUT IS NOT REQUIRED. THE DESIGN TEAM AT M&S & E.O.R. STRONGLY RECOMMEND A SOIL TEST TO CONFIRM SOIL BEARING CAPACITY AND SURFACE GEO-TECHNICAL CONDITIONS. FOOTINGS SHALL BEAR ON UNDISTURBED SOIL A/O PROPERLY COMPACTED FILL (2000 PSF MIN.). FILL MATERIAL SHALL BE COMPACTED TO 95% DENSITY OF A STANDARD PROCTOR. TO BE VERIFIED BY GENERAL CONTRACTOR / OWNER.

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Area Tabulations

Living:	1st floor:	1,771 sf
Total Living:		1,771 sf
Entry:		110 sf
Cov. Patio:		136 sf
Garage:		403 sf
Total Area:		2,420 sf

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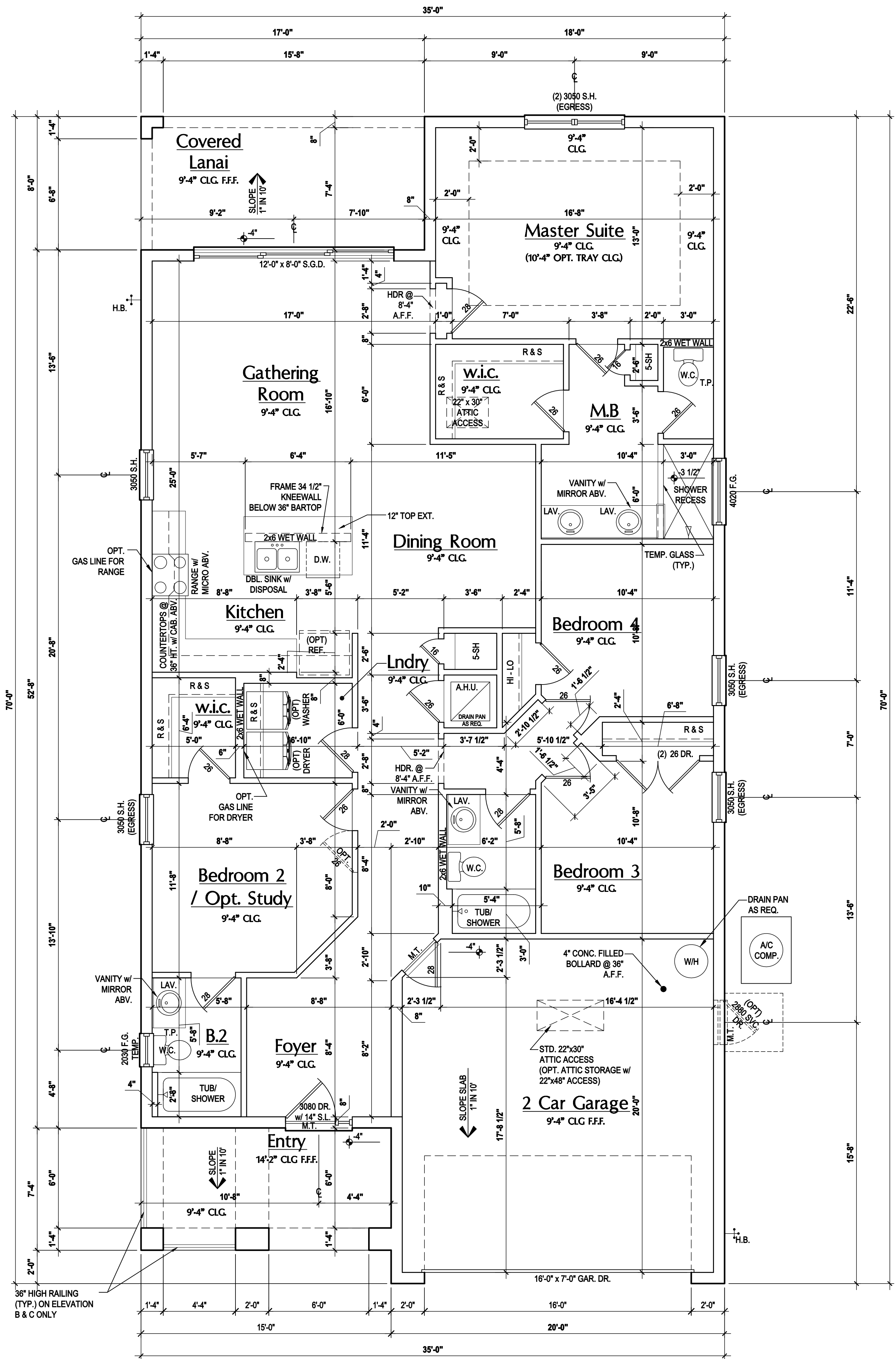
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DRAWN BY: JML
DESIGNED BY: MJS

FLOOR PLAN
A2

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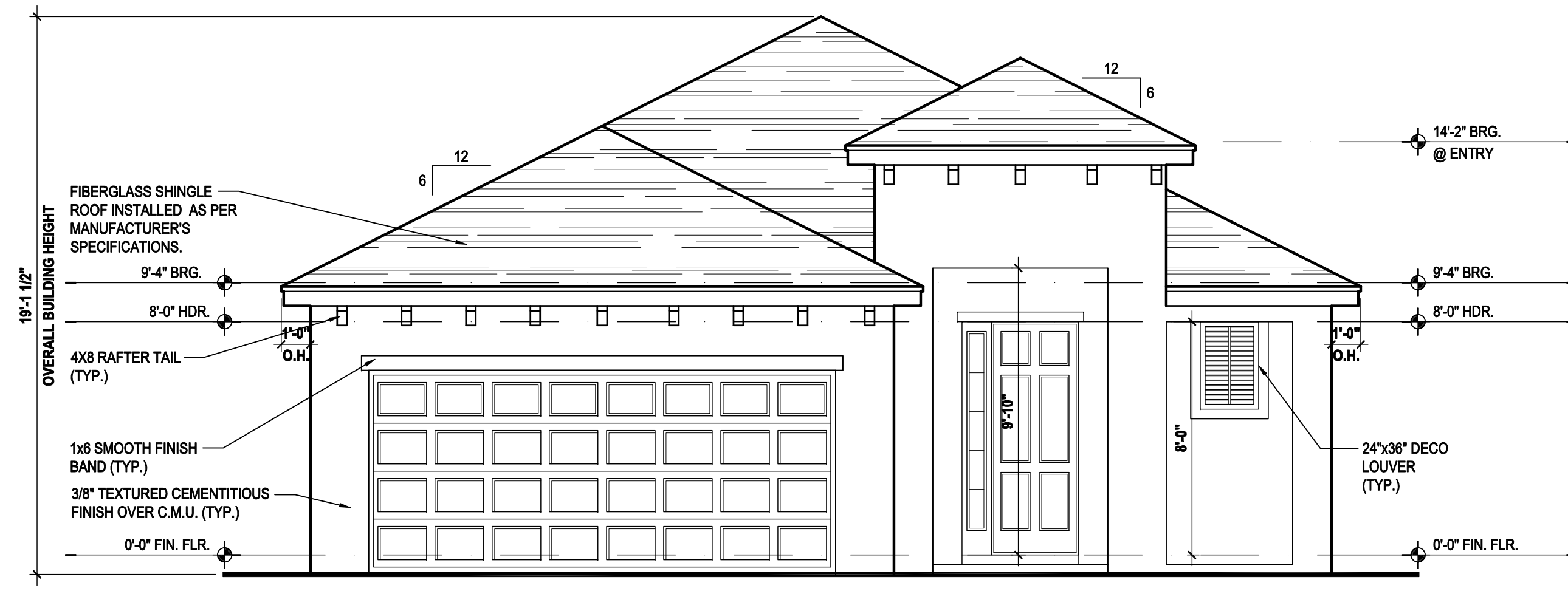
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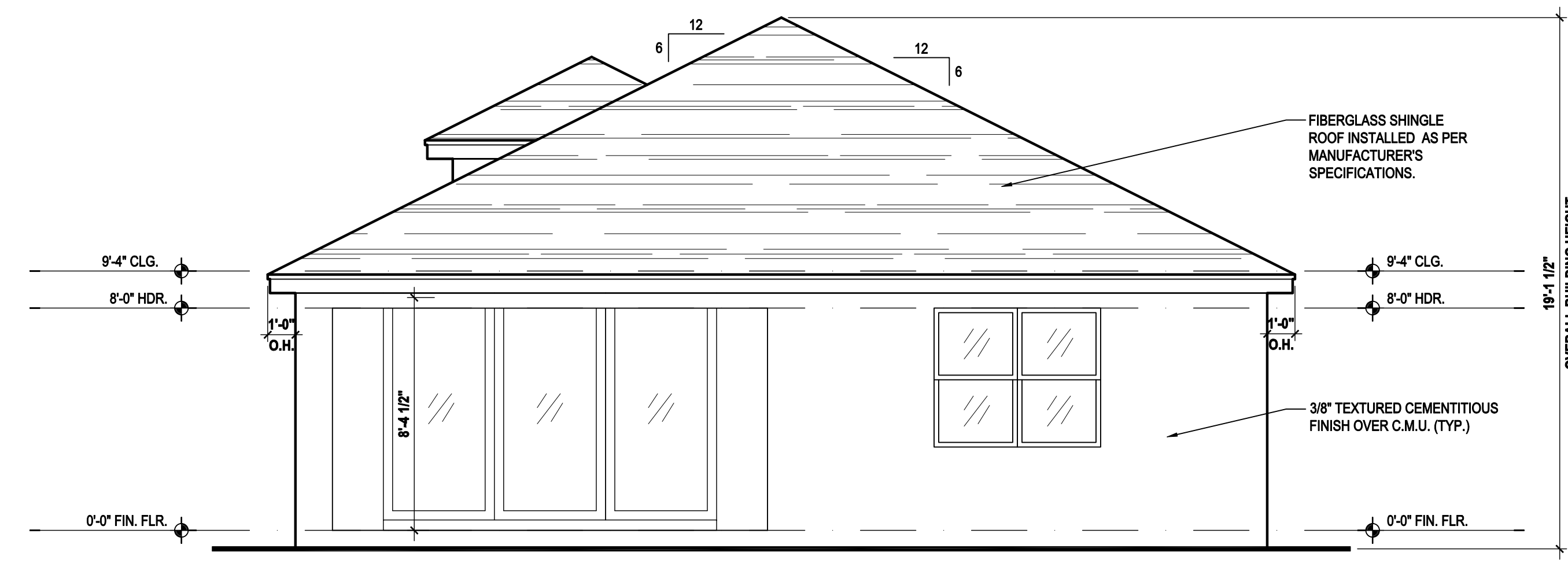
FLOOR PLAN
A2 Right

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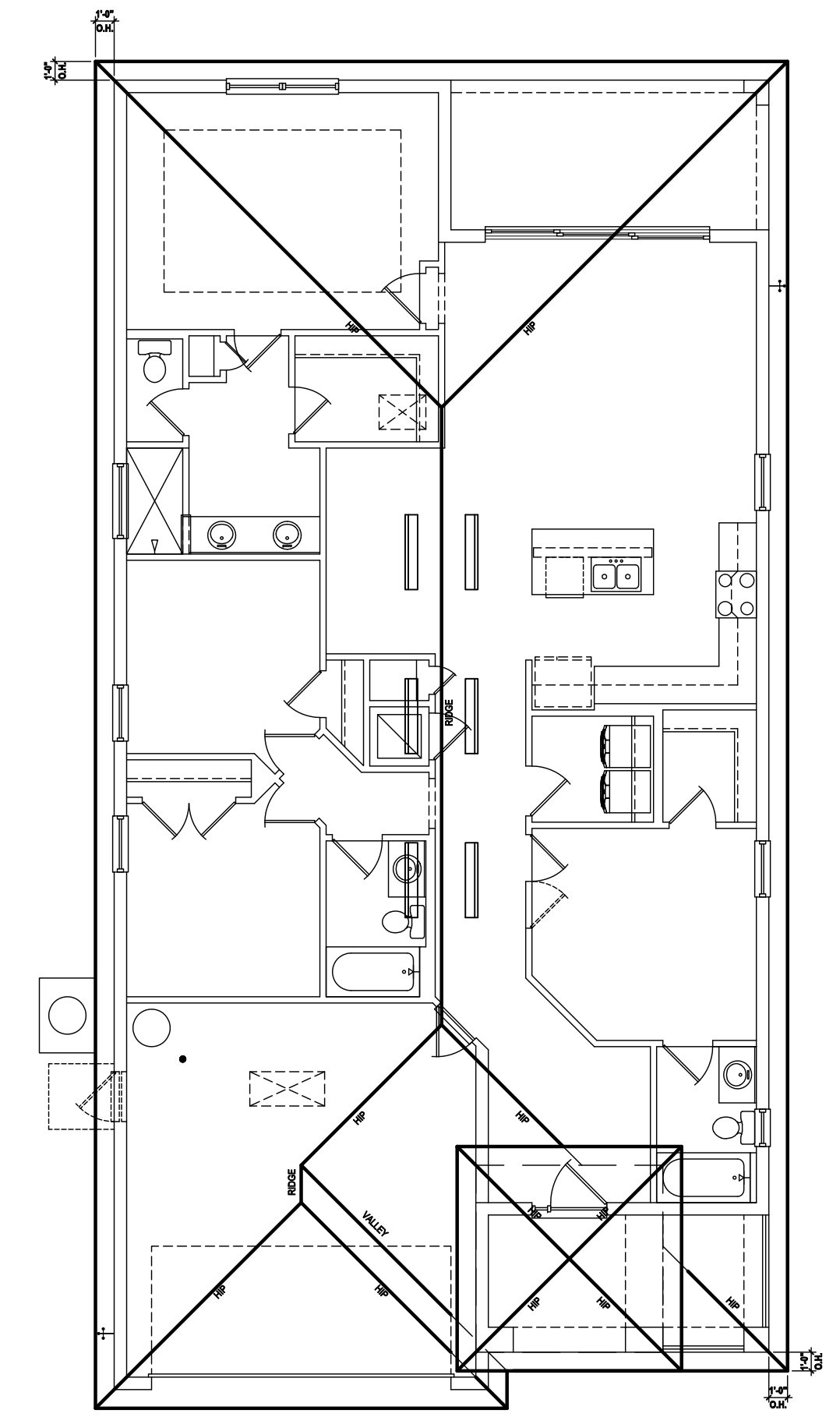
Front Elevation "A"

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



Rear Elevation "A"

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



Roof Layout

SCALE: 1/16" = 1'-0" (11x17) 1/8" = 1'-0" (22x34)

ATTIC VENT CALC'S:

2017 FLORIDA BUILDING CODE (6TH EDITION) SECTION R806
MIN. 40% - MAX 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).
(OFF-RIDGE VENT MAXIMUM OPENING SIZES)

MINIMUM NET VENTILATION AREA SHALL BE 1/30 OF VENTED SPACE.

TOTAL VENTED SPACE: $\frac{3,354}{300} = 11.18$ SF, NET FREE REQUIRED

UPPER PORTION VENTILATION TOTAL: 4.472 SF.
TO BE PROVIDED W/ OFF RIDGE VENTS:
6 VENTS @ .745 /PER VENT

TILE: O'HAGIN MODEL "S", SHINGLE: LOMANCO 770-D).

LOWER PORTION VENTILATION TOTAL: 6.708 SF.
TO BE PROVIDED W/ SOFFITS @ EAVE:
80.00 L.F. @ 0.083 SF. VENTING/L.F.

UPPER ROOF PERCENTAGE: 40%
LOWER ROOF PERCENTAGE: 60%

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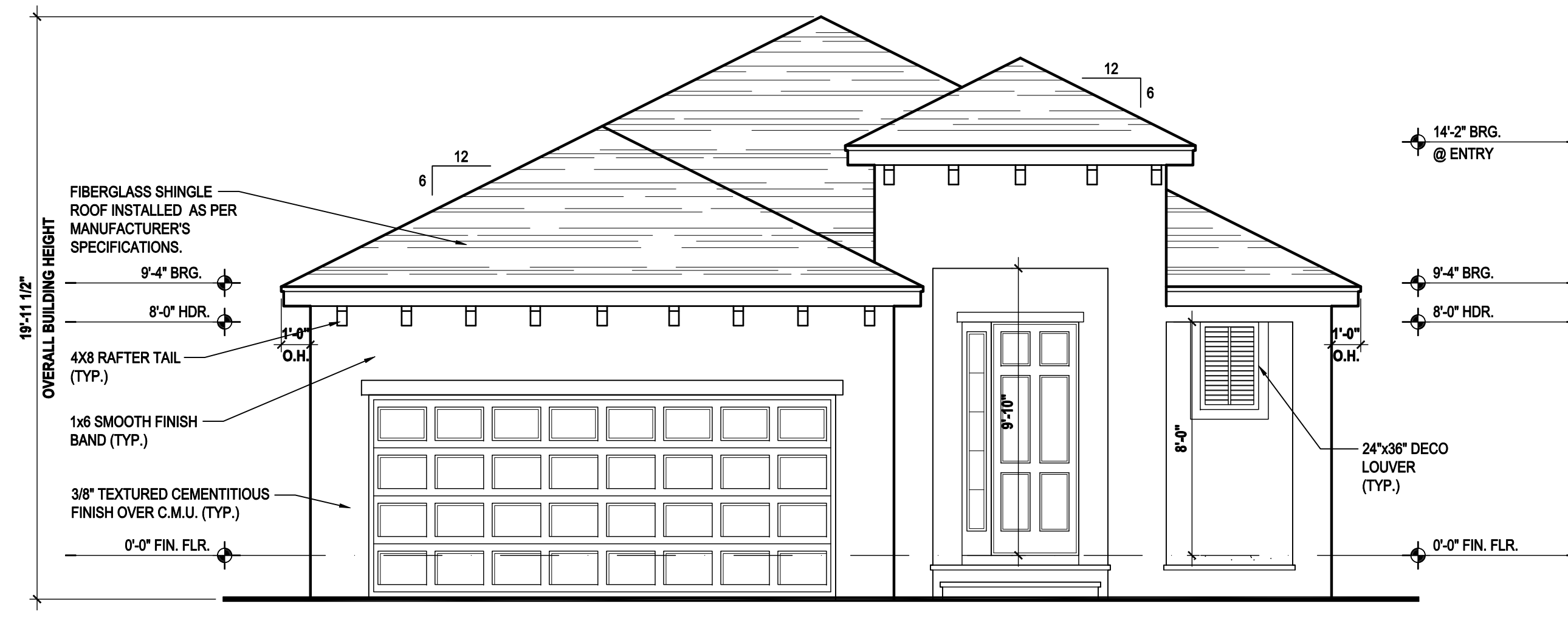
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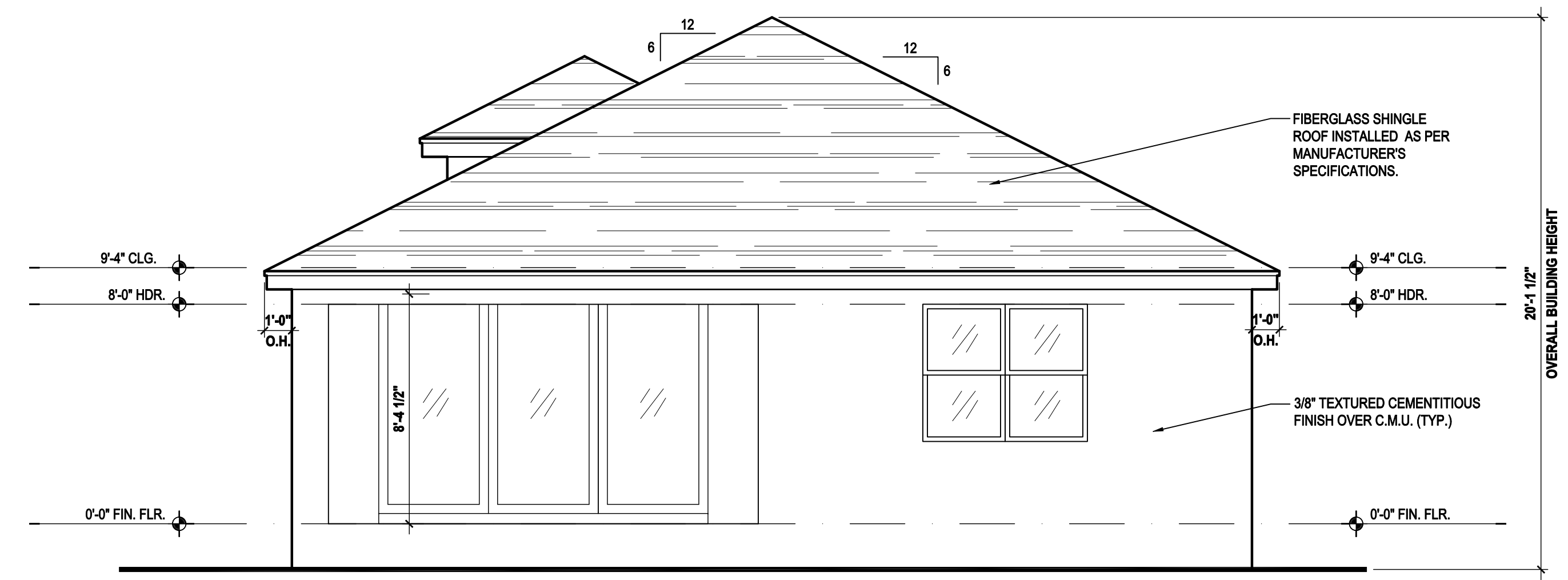
ELEVATIONS "A"
A3.A- Mo



Front Elevation "A"

(Stemwall)

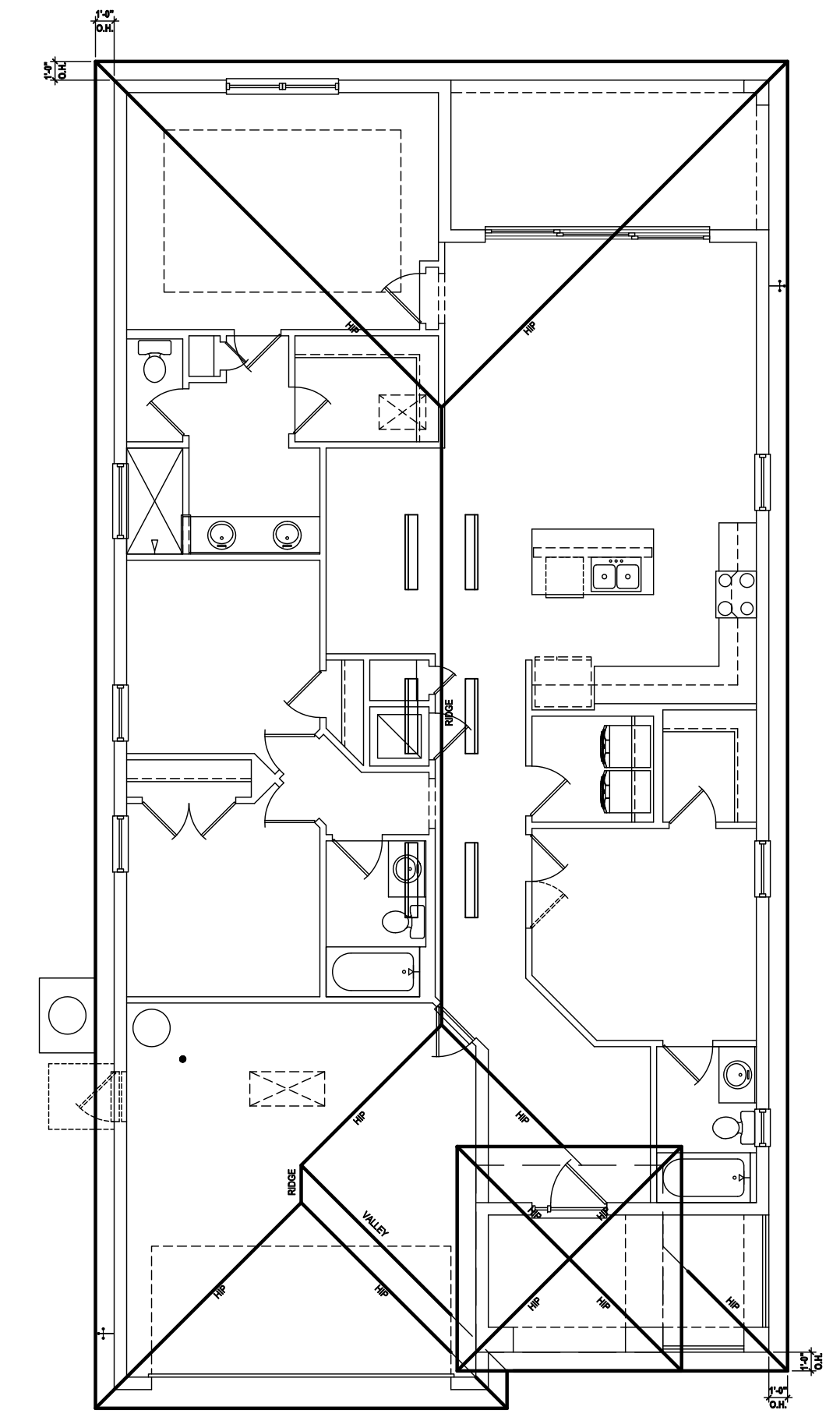
SCALE: 1/8" = 1'-0" (11x17) 1/4" = 1'-0" (22x34)



Rear Elevation "A"

(Stemwall)

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



Roof Layout

SCALE: 1/16" = 1'-0" (11x17) 1/8" = 1'-0" (22x34)

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Park Square HOMES

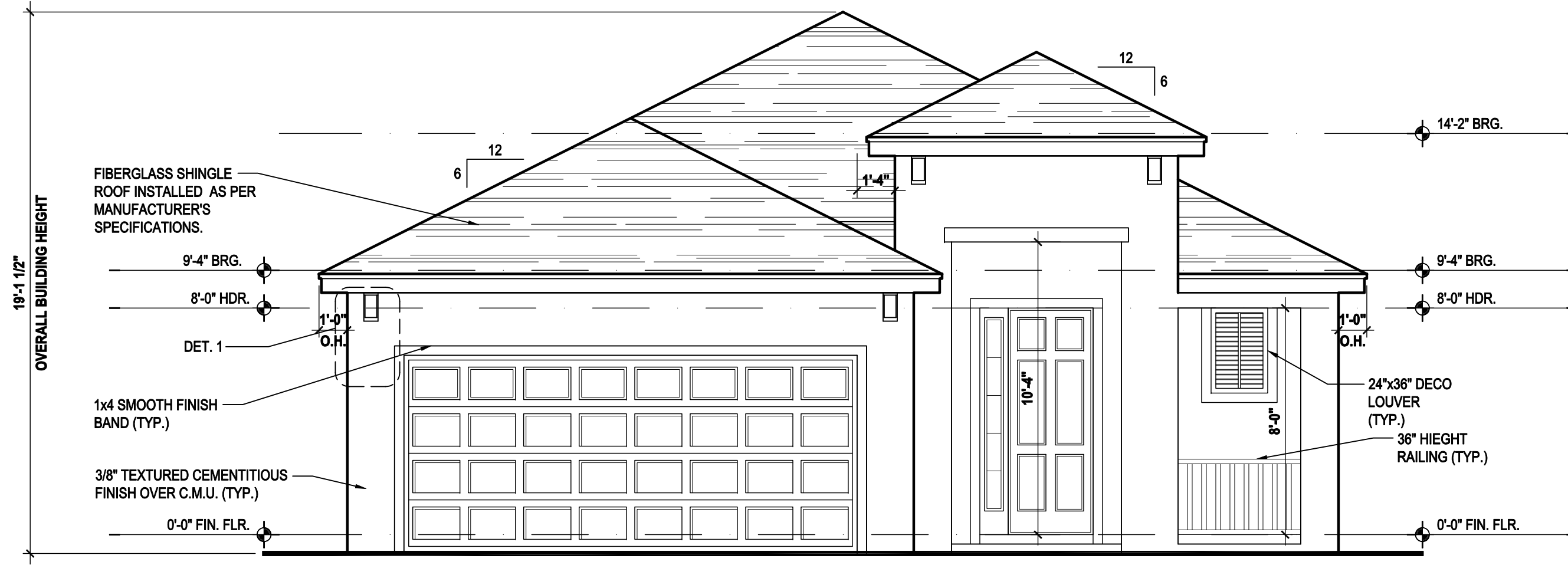
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35-1771
DAYTONA
 Lot # - Subdivision
 Street Address
 City, State, Zip

ISSUE DATE | 11/26/2019
 REVISIONS
 PROJECT: 00-0000
 SCALE: AS NOTED
 DRAWN BY: JML
 DESIGNED BY: MJS

ELEVATIONS "A"

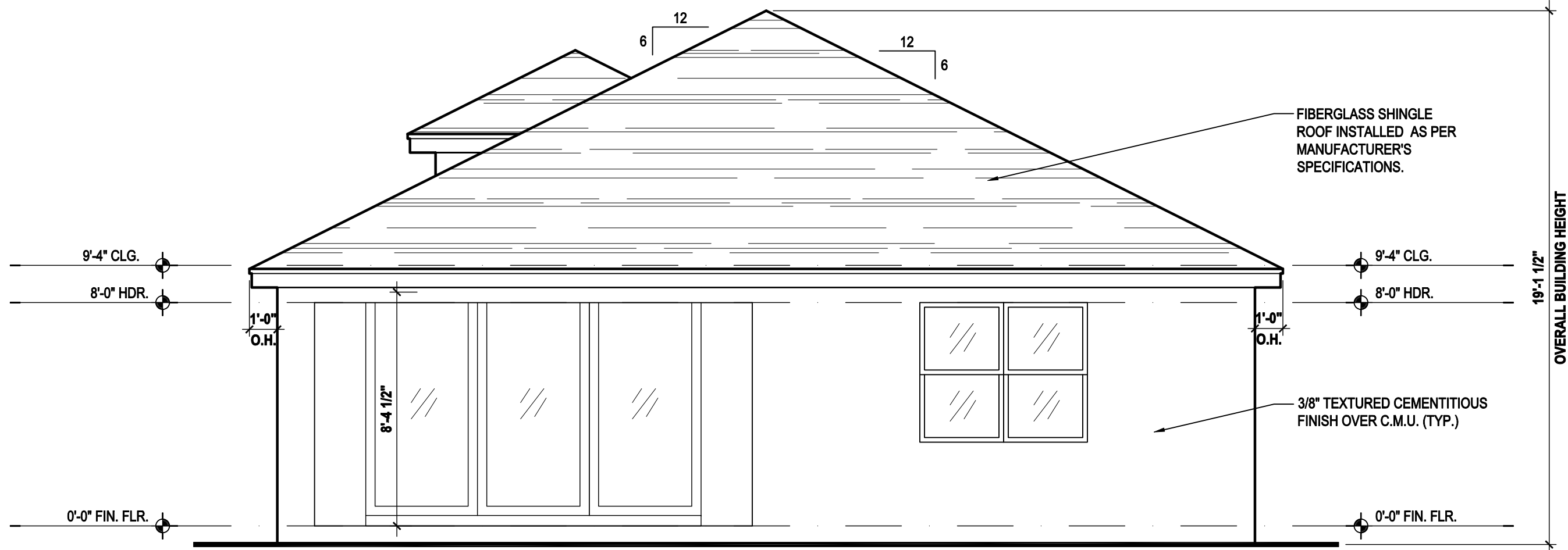
A3.A - St



Front Elevation "B"

(Standard)

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



Rear Elevation "B"

(Standard)

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

ATTIC VENT CALC'S:

2017 FLORIDA BUILDING CODE (6TH EDITION) SECTION R806
 MIN. 40% - MAX 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).
 (OFF-RIDGE VENT MAXIMUM OPENING SIZES)

MINIMUM NET VENTILATION AREA SHALL BE 1/30 OF VENTED SPACE.

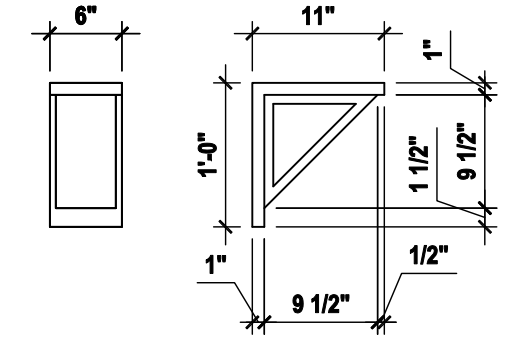
TOTAL VENTED SPACE: 3,354 = 11.18 SF, NET FREE REQUIRED

UPPER PORTION VENTILATION TOTAL: 4,472 SF.
 TO BE PROVIDED w/ OFF RIDGE VENTS:
 6 VENTS @ .745 /PER VENT

TILE: O'HAGIN MODEL "S", SHINGLE: LOMANCO 770-D).

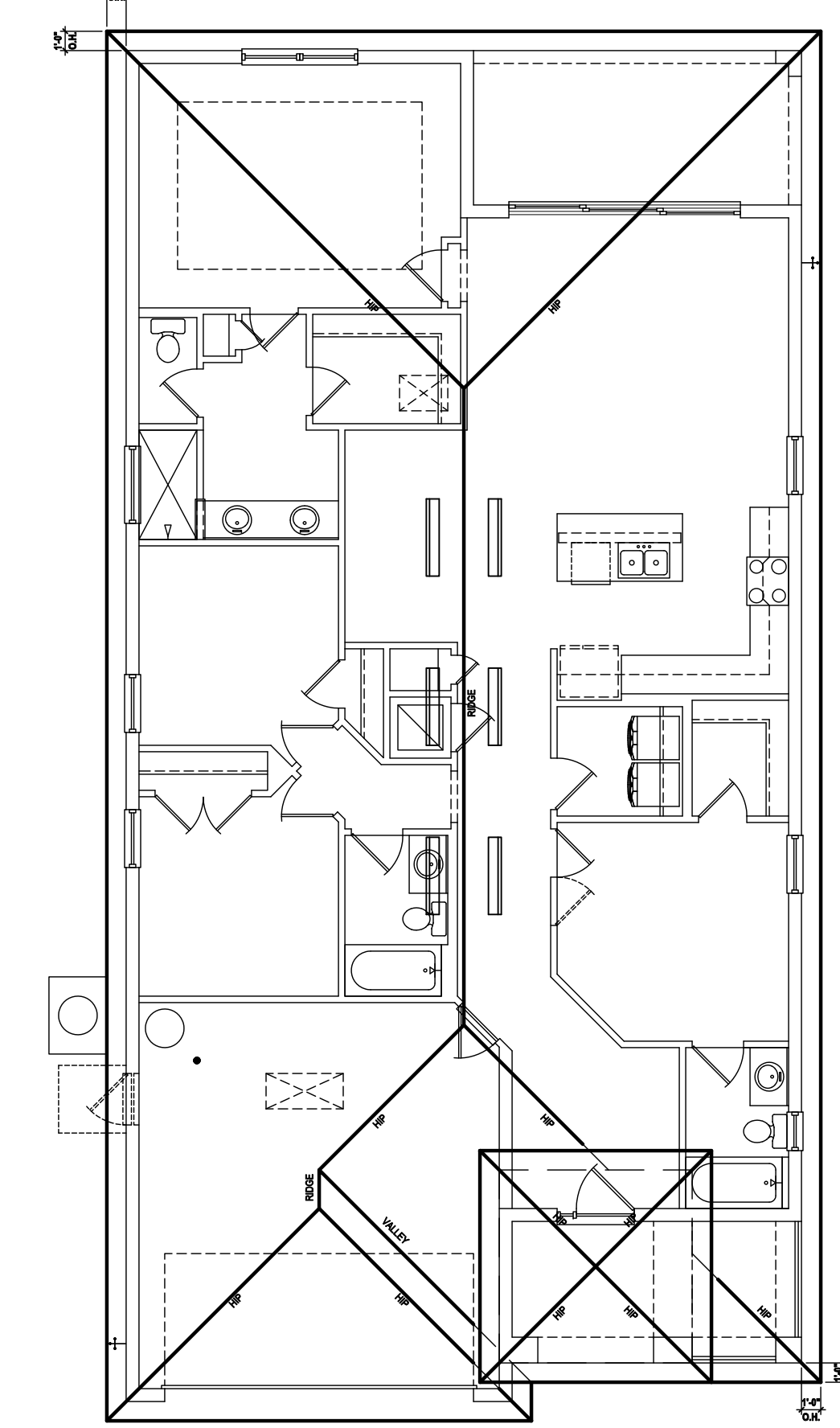
LOWER PORTION VENTILATION TOTAL: 6,708 SF.
 TO BE PROVIDED w/ SOFFITS @ EAVE:
 80.00 L.F. @ 0.083 SF. VENTING/LF.

UPPER ROOF PERCENTAGE: 40%
 LOWER ROOF PERCENTAGE: 60%



Detail 1

SCALE: 3/4" = 1'-0" (11x17) 1 1/2" = 1'-0" (22x34)



SCALE: 1/16" = 1'-0" (11x17) 1/8" = 1'-0" (22x34)

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Park Square HOMES

ISSUE DATE: 11/26/2019

REVISIONS:

PROJECT: 00-0000
 SCALE: AS NOTED
 DRAWN BY: JML
 DESIGNED BY: MJS

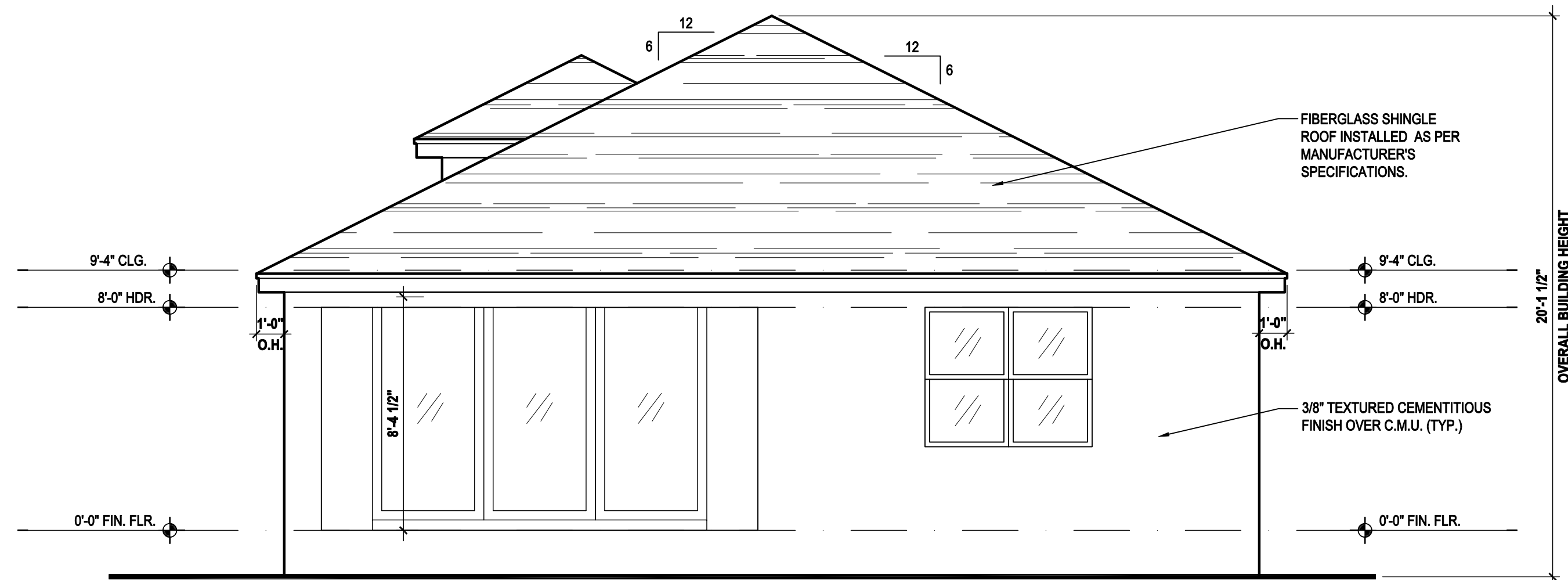
ELEVATIONS "B"
A3.B- Mo



Front Elevation "B"

(Stemwall)

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



Rear Elevation "B"

(Stemwall)

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

ATTIC VENT CALC'S:

2017 FLORIDA BUILDING CODE (6TH EDITION) SECTION R806
 MIN. 40% - MAX 50% OF REQUIRED VENTILATION TO BE IN UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE IN LOWER PORTION (EAVES).
 (OFF-RIDGE VENT MAXIMUM OPENING SIZES)

MINIMUM NET VENTILATION AREA SHALL BE 1/30 OF VENTED SPACE.

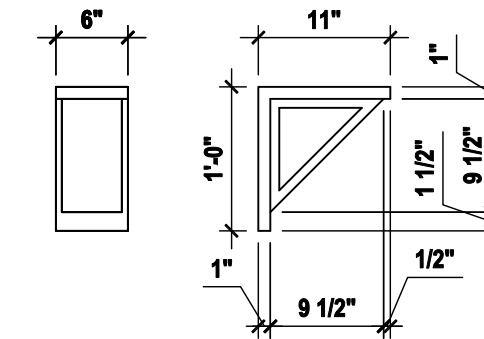
TOTAL VENTED SPACE: 3,354 = 11.18 SF. NET FREE REQUIRED

UPPER PORTION VENTILATION TOTAL: 4.472 SF.
 TO BE PROVIDED w/ OFF RIDGE VENTS:
 6 VENTS @ .745 /PER VENT

TILE: O'HAGIN MODEL "S", SHINGLE: LOMANCO 770-D).

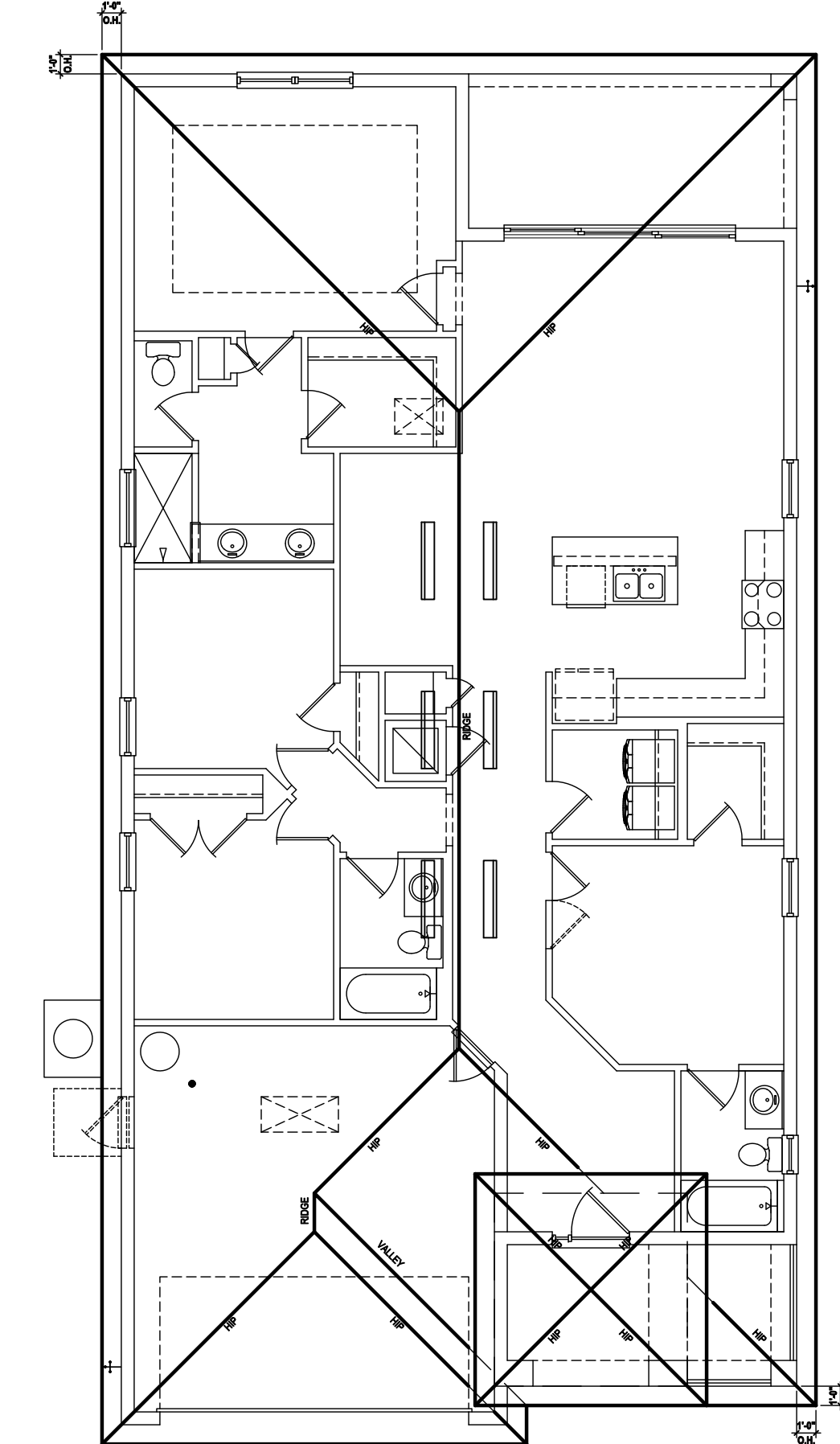
LOWER PORTION VENTILATION TOTAL: 6.708 SF.
 TO BE PROVIDED w/ SOFFITS @ EAVE:
 80.00 L.F. @ 0.083 SF. VENTING/L.F.

UPPER ROOF PERCENTAGE: 40%
 LOWER ROOF PERCENTAGE: 60%



Detail 1

SCALE: 3/4" = 1'-0" (11x17) 1 1/2" = 1'-0" (22x34)



Roof Layout

SCALE: 1/16" = 1'-0" (11x17) 1/8" = 1'-0" (22x34)



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ISSUE DATE: 11/26/2019

REVISIONS

PROJECT: 00-0000

SCALE: AS NOTED

DRAWN BY: JML

DESIGNED BY: MJS

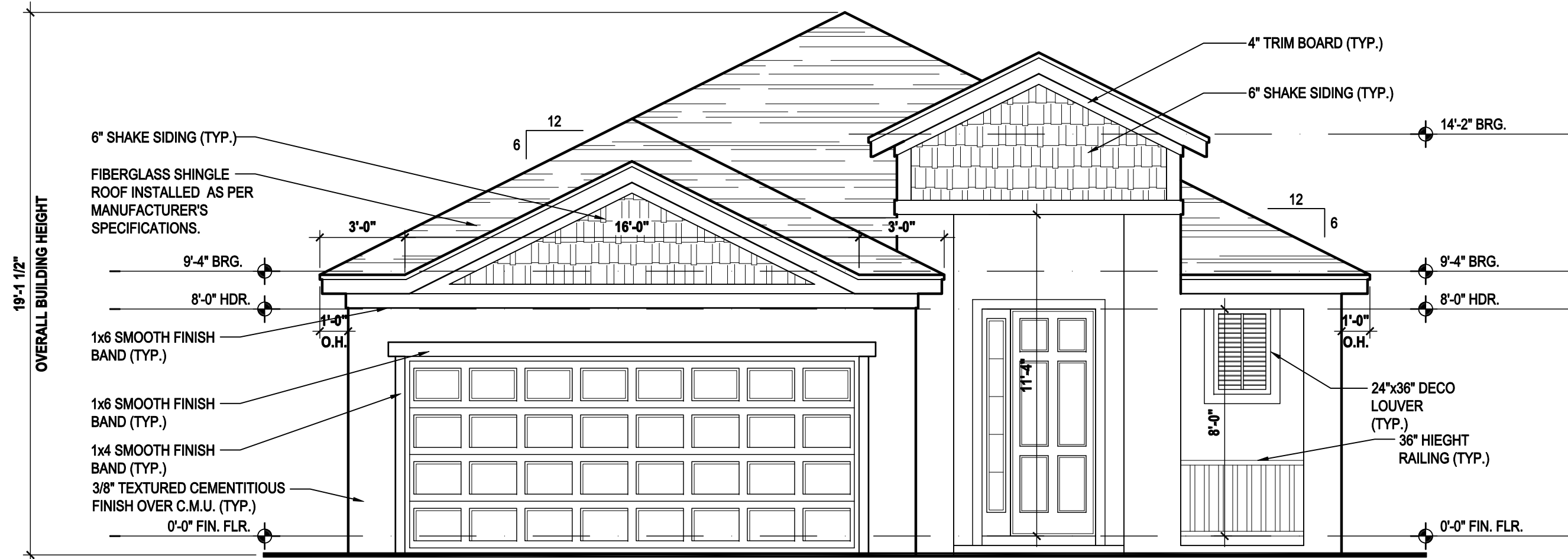
ELEVATIONS "B"

A3.B- St

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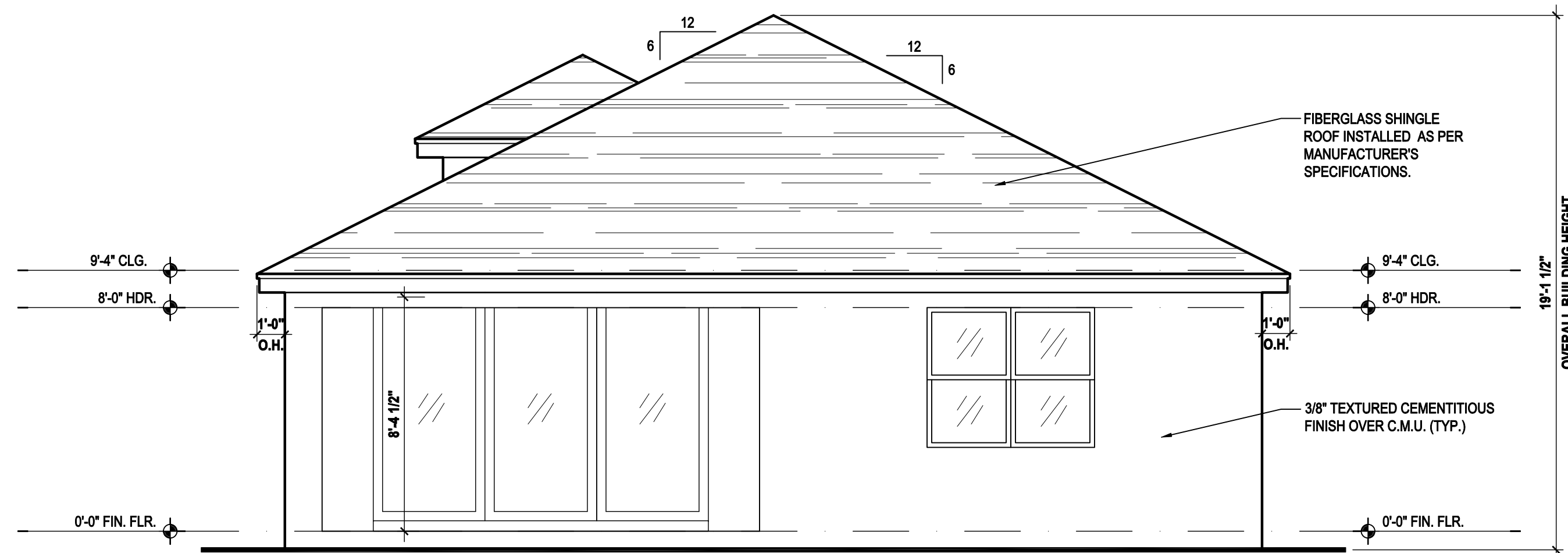
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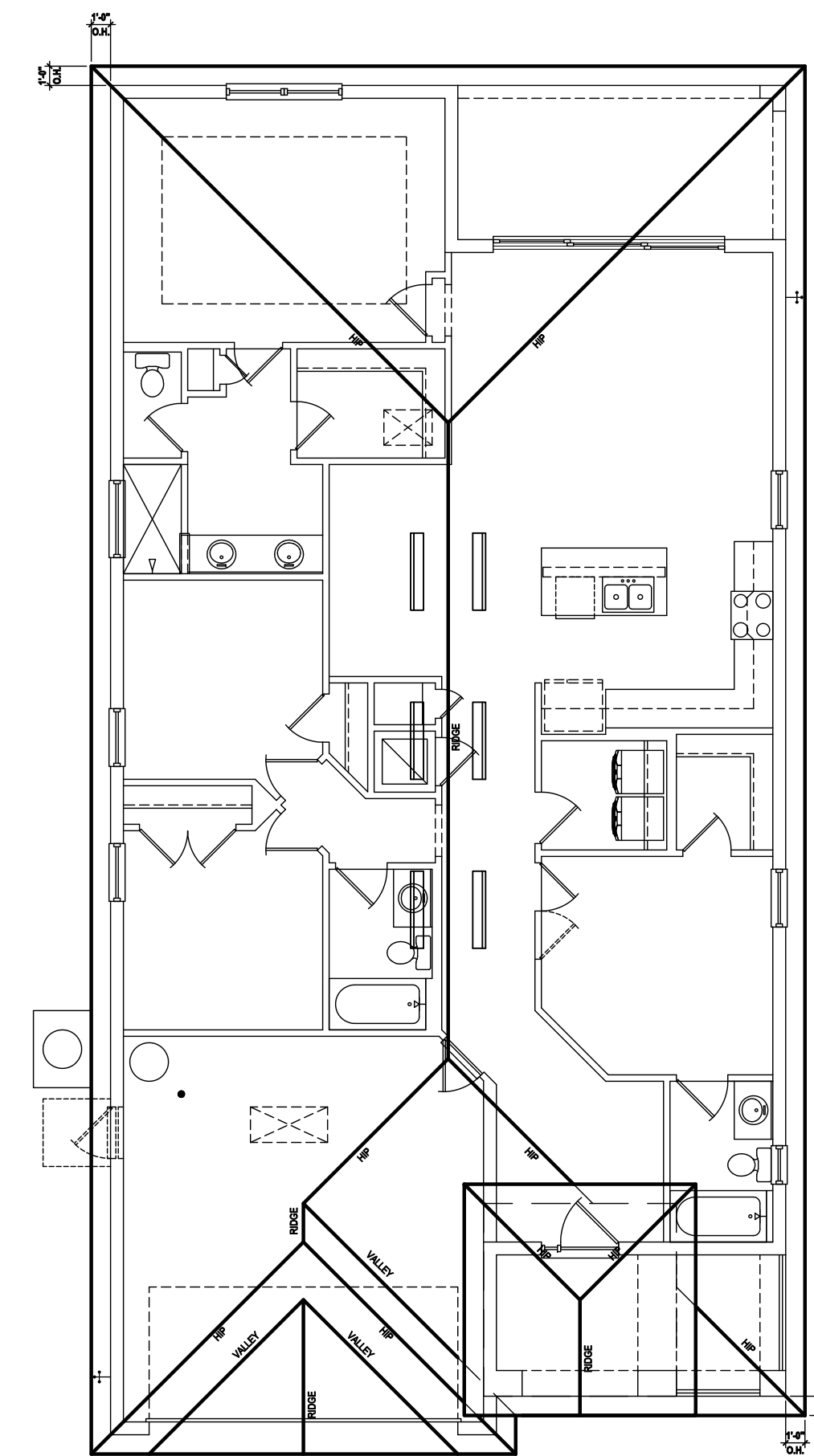
Front Elevation "C"
(Standard)

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



Rear Elevation "C"
(Standard)

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



Roof Layout

SCALE: 1/16" = 1'-0" (11x17) 1/8" = 1'-0" (22x34)

ATTIC VENT CALC'S:

2017 FLORIDA BUILDING CODE (6TH EDITION) SECTION R806
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IN LOWER PORTION (EAVES).
(OFF-RIDGE VENT MAXIMUM OPENING SIZES)

MINIMUM NET VENTILATION AREA SHALL BE 1/30 OF VENTED
SPACE.

TOTAL VENTED SPACE: $\frac{3,354}{300} = 11.18$ SF, NET FREE
REQUIRED

UPPER PORTION VENTILATION TOTAL: 4.472 SF.
TO BE PROVIDED w/ OFF RIDGE VENTS:
6 VENTS @ .745 /PER VENT

TILE: O'HAGIN MODEL "S", SHINGLE: LOMANCO 770-D).

LOWER PORTION VENTILATION TOTAL: 6.708 SF.
TO BE PROVIDED w/ SOFFITS @ EAVE:
80.00 L.F. @ 0.083 SF. VENTING/L.F.

UPPER ROOF PERCENTAGE: 40%
LOWER ROOF PERCENTAGE: 60%



35-1771
DAYTONA
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Phone: (407) 529-3000



ISSUE DATE: 11/26/2019

REVISIONS

PROJECT: 00-0000

SCALE: AS NOTED

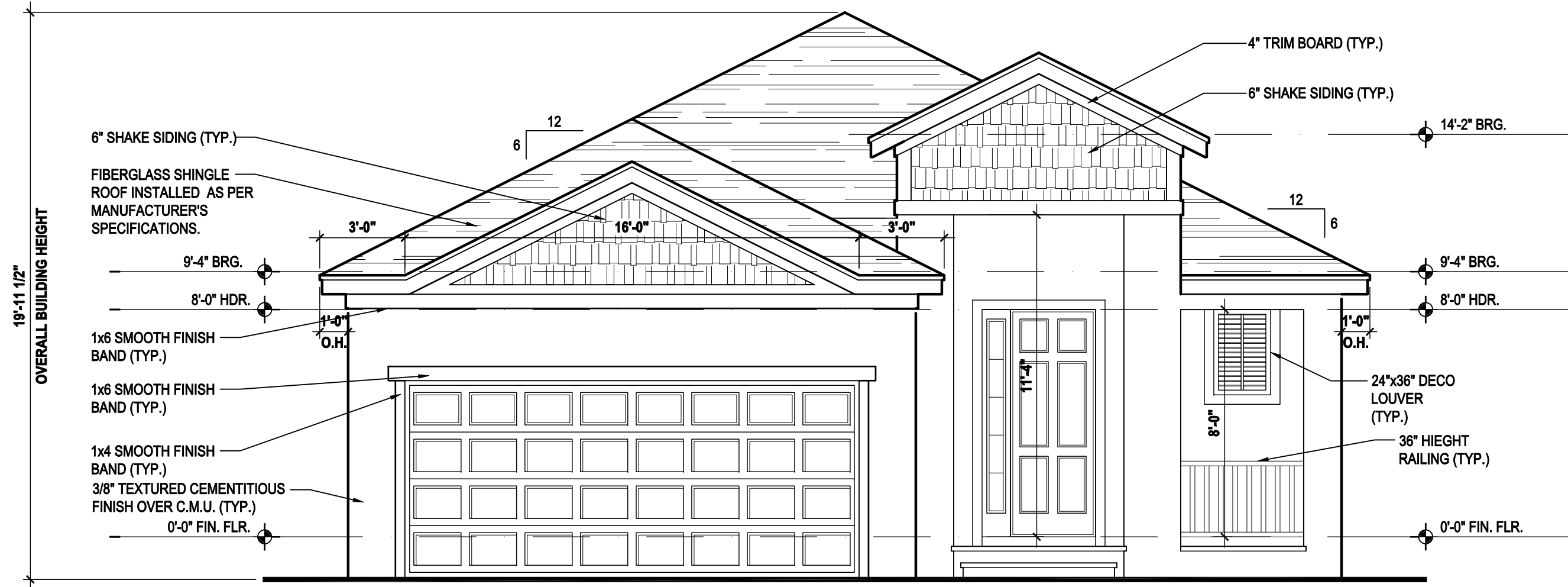
DRAWN BY: JML

DESIGNED BY: MJS

ELEVATIONS "A"

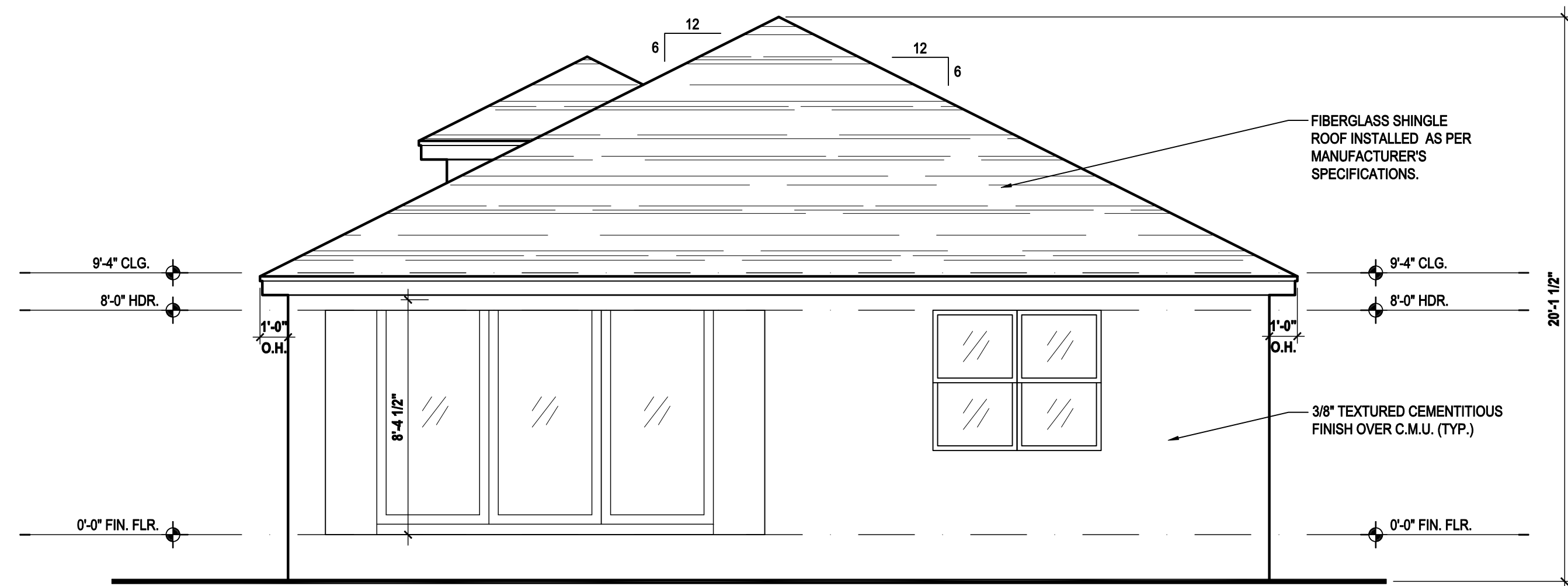
A3.C- Mo

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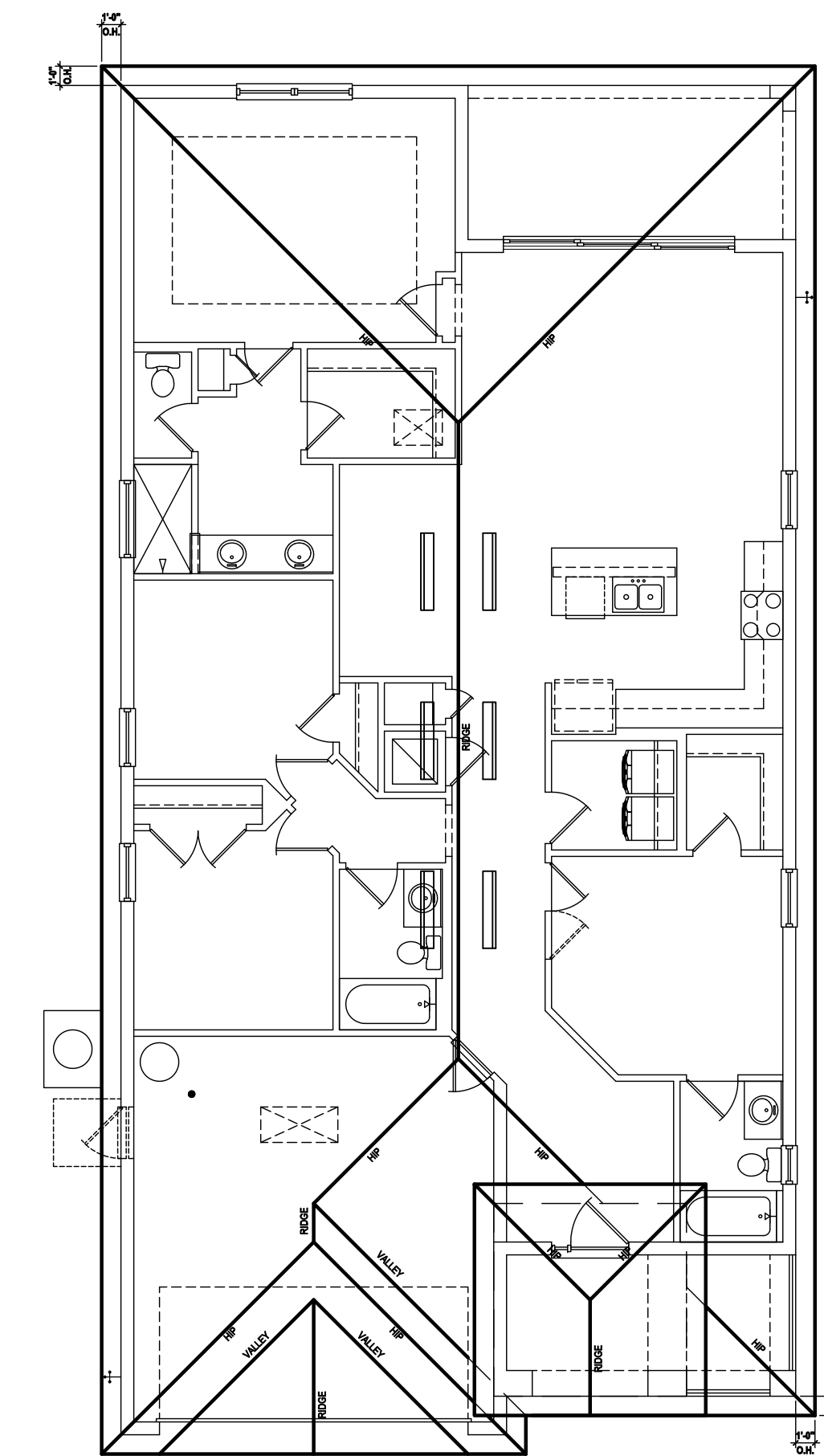
Front Elevation "C"
(Stemwall)

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



Rear Elevation "C"
(Stemwall)

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



Roof Layout

SCALE: 1/16" = 1'-0" (11x17) 1/8" = 1'-0" (22x34)

ATTIC VENT CALC'S:

2017 FLORIDA BUILDING CODE (6TH EDITION) SECTION R606
MIN. 40% - MAX 50% OF REQUIRED VENTILATION TO BE IN
UPPER PORTION OF ATTIC SPACE AND THE BALANCE TO BE
IN LOWER PORTION (EAVES).
(OFF-RIDGE VENT MAXIMUM OPENING SIZES)

MINIMUM NET VENTILATION AREA SHALL BE 1/30 OF VENTED
SPACE.

TOTAL VENTED SPACE: $\frac{3,354}{300} = 11.18$ SF, NET FREE
REQUIRED

UPPER PORTION VENTILATION TOTAL: 4.472 SF.
TO BE PROVIDED w/ OFF RIDGE VENTS:
6 VENTS @ .745 /PER VENT

TILE: O'HAGIN MODEL "S", SHINGLE: LOMANCO 770-D).

LOWER PORTION VENTILATION TOTAL: 6.708 SF.
TO BE PROVIDED w/ SOFFITS @ EAVE:
80.00 L.F. @ 0.083 SF. VENTING/L.F.

UPPER ROOF PERCENTAGE: 40%
LOWER ROOF PERCENTAGE: 60%

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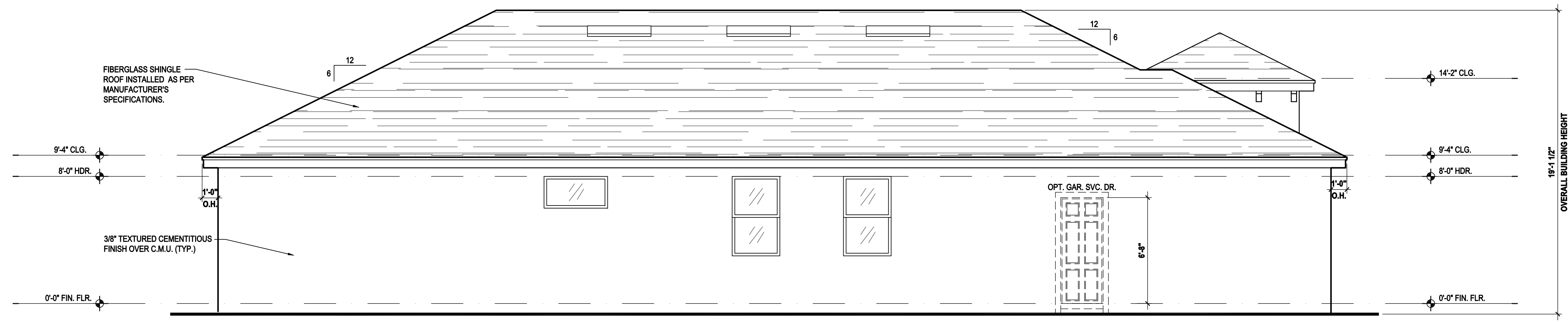
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Phone: (407) 529-3000

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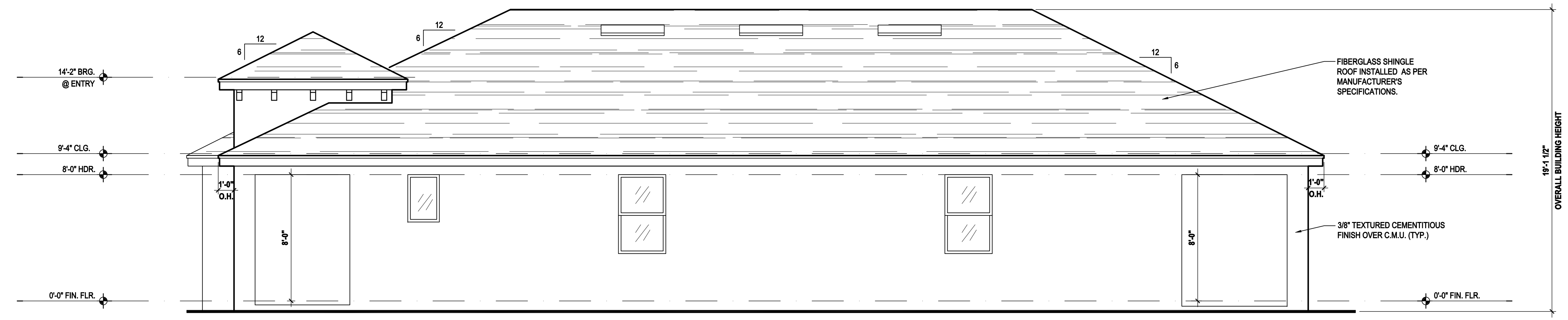
ISSUE DATE	11/26/2019
REVISIONS	
PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	JML
DESIGNED BY:	MJS

ELEVATIONS "A"
A3.C - St

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Left Elevation "A"
 (Standard)
 SCALE: 1/8" = 1'-0" (11x17) 1/4" = 1'-0" (22x34)



Right Elevation "A"
 (Standard)
 SCALE: 1/8" = 1'-0" (11x17) 1/4" = 1'-0" (22x34)

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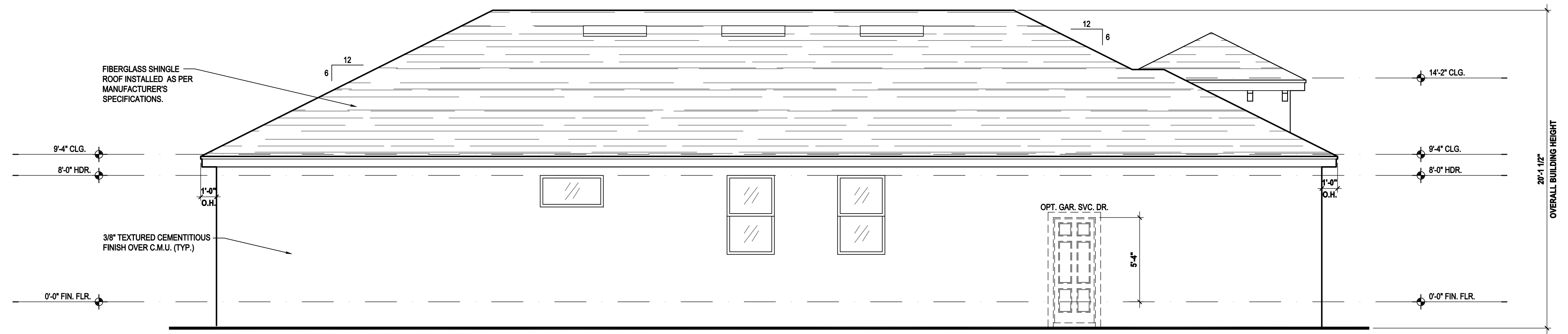
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ISSUE DATE	11/26/2019
REVISIONS	
PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	JML
DESIGNED BY:	MJS

ELEVATIONS "A"
 A4.A- Mo

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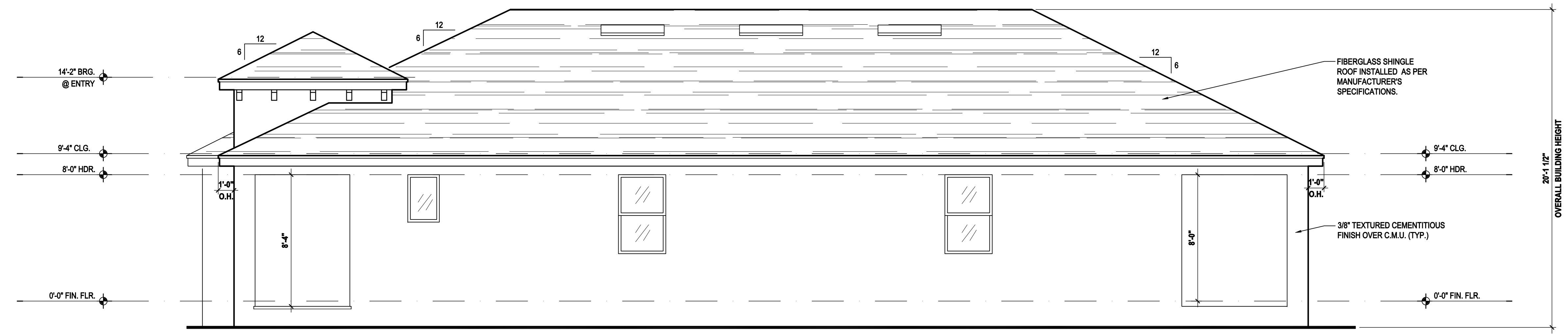
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Left Elevation "A"

(Stemwall)

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



Right Elevation "A"

(Stemwall)

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

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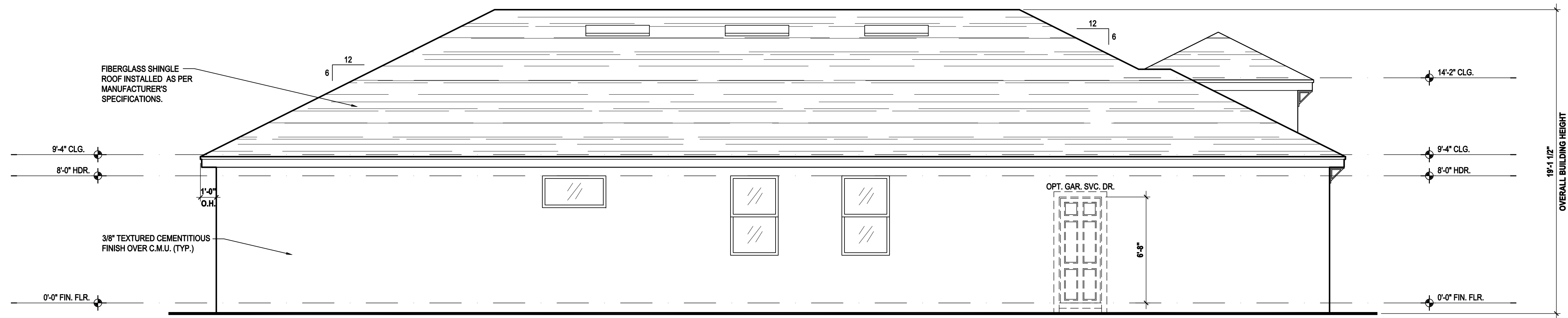
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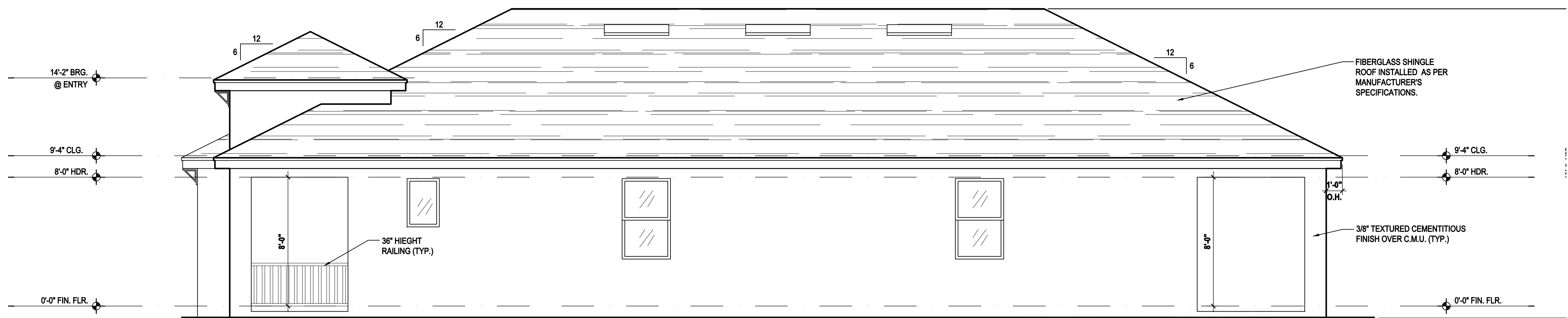
ELEVATIONS "A"
A4.A- St

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Left Elevation "B"
(Standard)

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



Right Elevation "B"
(Standard)

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

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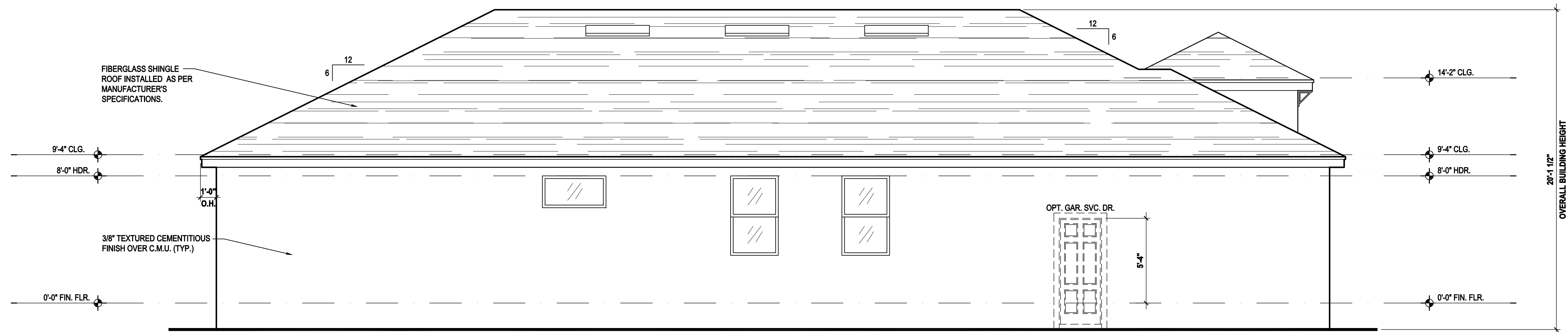
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SCALE: AS NOTED
DRAWN BY: JML
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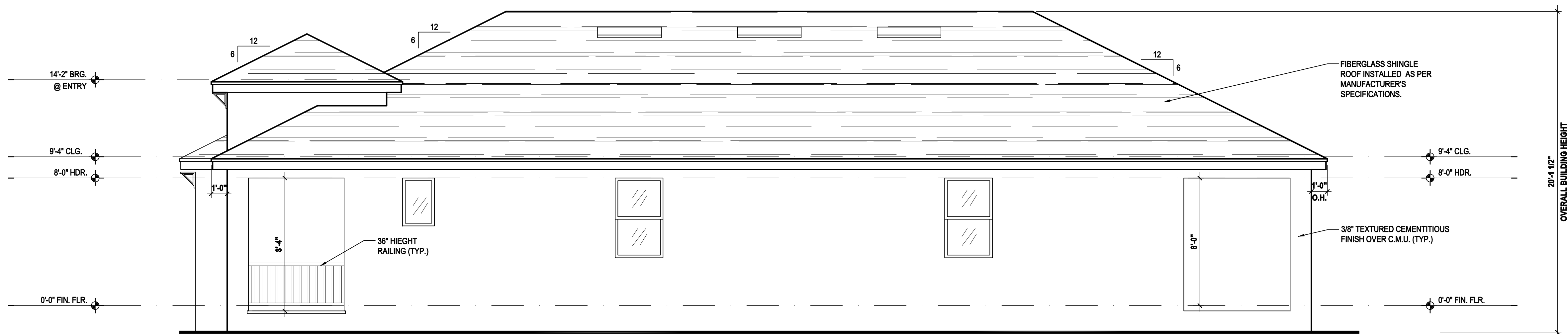
ELEVATIONS "B"
A4.B- Mo

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Left Elevation "B"
(Stemwall)

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



Right Elevation "B"
(Stemwall)

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

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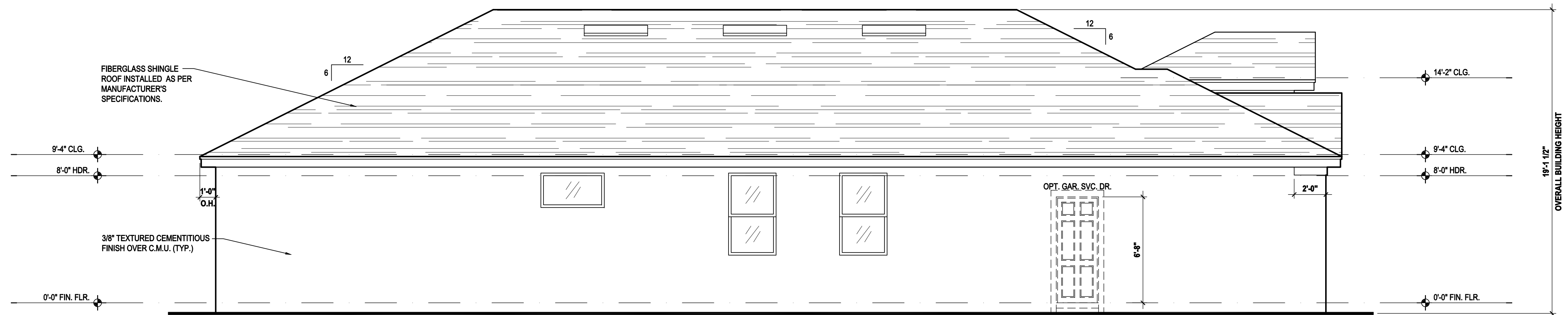
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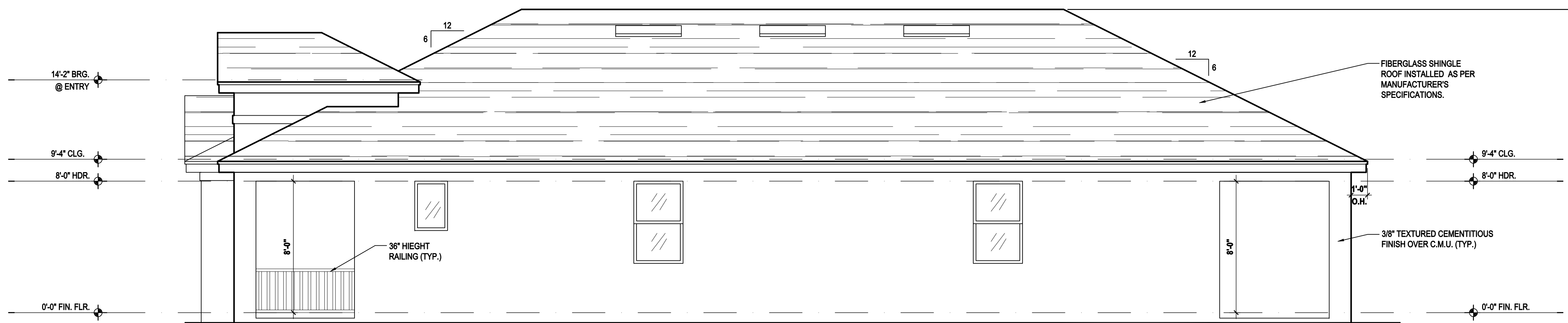
ISSUE DATE	11/26/2019
REVISIONS	
PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	JML
DESIGNED BY:	MJS

ELEVATIONS "B"
A4.B- St



Left Elevation "C"
(Standard)

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



Right Elevation "C"
(Standard)

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

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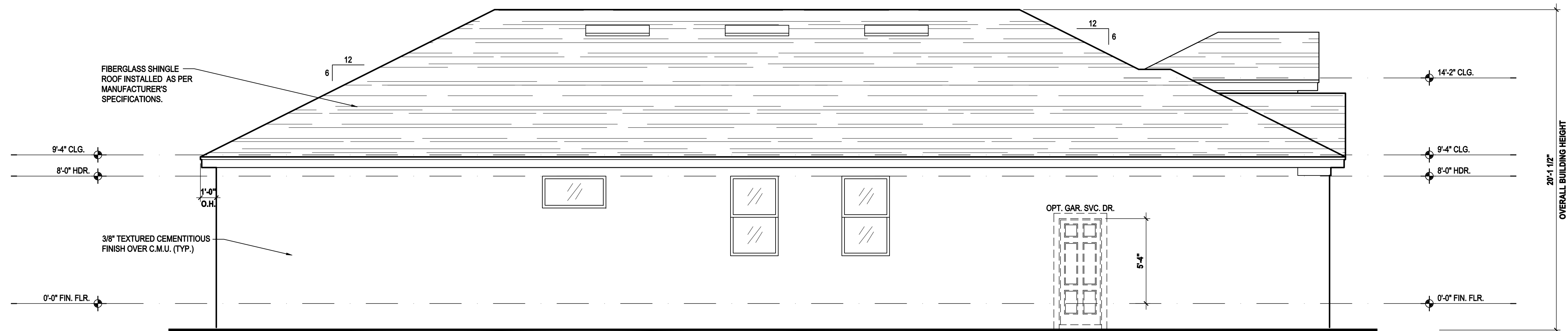
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Orlando, Fl. 32811
Phone: (407) 529-3000

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REVISIONS
PROJECT: 00-0000
SCALE: AS NOTED
DRAWN BY: JML
DESIGNED BY: MJS

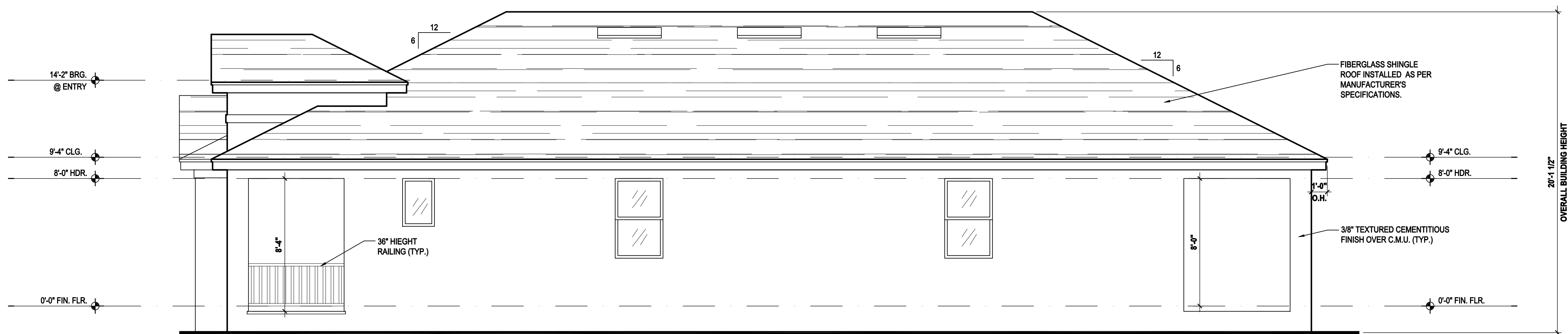
ELEVATIONS "B"
A4.C- Mo

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Left Elevation "C"
(Stemwall)

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



Right Elevation "C"
(Stemwall)

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

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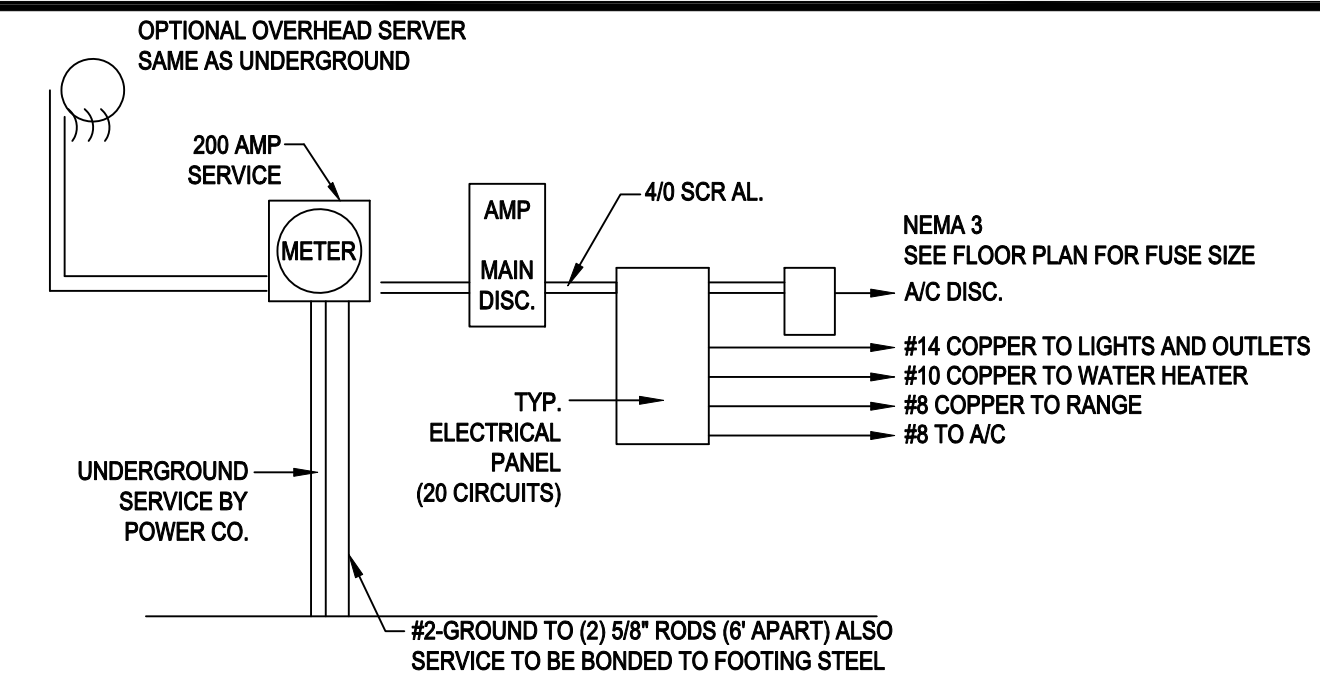
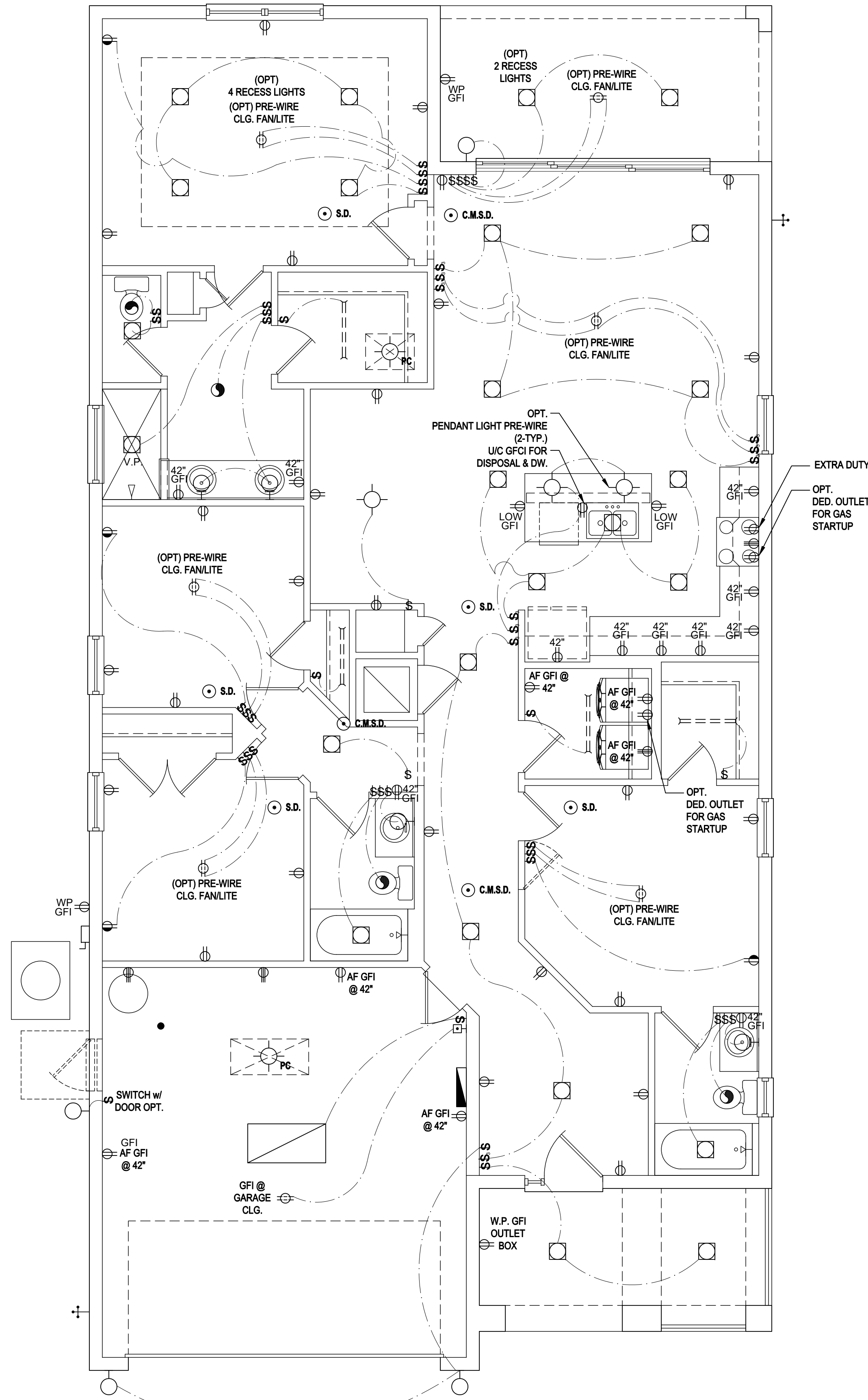
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ELEVATIONS "B"
A4.C - St

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NOTE:
ALL ELECTRICAL WORK AND MATERIAL PROVIDED SHALL COMPLY WITH THE FLORIDA BUILDING CODE. (2017) THE ABOVE ELECTRICAL LAYOUT IS FOR BID PURPOSE ONLY.

200 AMP ELECTRICAL RISER

GENERAL NOTES KEY:

- BUILDER TO VERIFY EXACT LOCATION OF FLOOR OUTLETS IN FIELD.
- ALL OUTLETS ARE TO BE AFCI PROTECTED.
- ALL 15A AND 20A 120V BRANCH CIRCUITS WILL BE AFCI PROTECTED.
- ALL 15A AND 20A 120V BRANCH CIRCUITS LOCATED IN THE GARAGE AND LAUNDRY WILL BE GFCI PROTECTED.
- ALL GARAGE BAYS WILL HAVE DEDICATED GFCI OUTLET.
- ALL OUTLETS LOCATED IN THE KITCHEN AND BATHROOMS ARE TO BE GFCI PROTECTED.
- DW. AND GARBAGE DISPOSAL ARE TO BE GFCI PROTECTED.
- EXCEPTIONS TO THE GFCI STIPULATION WILL BE ALLOWED ONLY IF ALLOWED PER CURRENT NFPA / NEC.
- OUTLETS LOCATED IN THE LAUNDRY ARE TO BE GFCI AND AFCI PROTECTED.
- OUTLETS LOCATED WITHIN 6'-0" OF A WET AREA ARE TO BE GFCI PROTECTED.
- ALL OUTLETS OVER COUNTERTOPS TO BE 42" A.F.F. (U.N.O.).
- ALL SMOKE/CARBON MONOXIDE DETECTORS ARE TO BE HARD WIRED, INTERCONNECTED AND AFCI PROTECTED.
- 8'-0" HEIGHT VANITY LIGHTS IN MASTER BATHROOM AND 7'-0" IN ALL OTHER BATHROOMS.
- IN AREAS SPECIFIED IN SECTION E3901.1, 125-VOLT, 15- AND 20-AMPERE RECEPTACLES SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES.

NOTES:
• THIS DIAGRAMMATIC PLAN IS INTENDED TO SHOW LIGHTING AND CONVENIENCE OUTLETS ONLY. IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO VERIFY THE REQUIREMENT AND LOCATIONS OF ALL ELECTRICAL EQUIPMENT, (INCLUDING KITCHEN EQUIPMENT) AND PROVIDE AND INSTALL COMPLETE ELECTRICAL SERVICE AS REQUIRED PER NFPA, NEC, FBC CODES AND ALL REIGNING MUNICIPALITY CODES, STANDARDS AND ORDINANCES.
• LOCATION OF FIXTURES AND / OR OUTLETS ARE SUGGESTED LOCATIONS AND MEET MOST LOCAL CODE REQUIREMENTS. ADDITIONS OR ADJUSTMENTS MAY BE MADE BETWEEN THE OWNER AND BUILDER IN THE FIELD.
• ALL ELECTRICAL WORK AND APPLIANCES ARE IN FULL COMPLIANCE WITH N.F.P.A., N.E.C., F.B.C. 6TH EDITION (2017) RESIDENTIAL, AND ALL APPLICABLE LOCAL STANDARDS, CODES, AND ORDINANCES.
• VARIOUS SYMBOLS ON ELECTRICAL LEGEND MAY OR MAY NOT BE USED ON THIS PLAN.

ELECTRICAL KEY:

	CEILING MOUNTED LIGHT
	PULL CHAIN LIGHT
	RECESSED LIGHT
	WALL MOUNTED LIGHT
	WALL WASH RECESSED
	DUPLEX RECEPTACLE
	220 V RECEPTACLE
	1/2 HOT, 1/2 SWITCHED
	WATER PROOF RECEPTACLE
	FLOOR RECEPTACLE
	PRE-WIRE FOR CLG. FAN
	GROUND FAULT INTERRUPT
	WALL SWITCH
	3-WAY SWITCH
	DIMMER SWITCH
	TELEPHONE JACK
	CABLE JACK
	PRE-WIRE GARAGE DOOR OPENER
	FLUORESCENT LIGHT
	CHIME
	DOOR BELL / GARAGE DOOR SWITCH
	DISCONNECT SWITCH
	ELECTRICAL METER
	SMOKE DETECTOR
	CARBON MONOXIDE / SMOKE DETECTOR
	CEILING FAN
	WALL SCONCE
	CHANDELIER
	SPOT LIGHT
	FLUSH MOUNT FLUORESCENT LIGHT
	FAN / LIGHT COMBINATION
	GARBAGE DISPOSAL MOTOR
	SPEAKER
	JUNCTION BOX
	LOW VOLTAGE
	VAPOR PROOF
	ARC FAULT PROTECTION

Electrical Plan "A,B,C"

(Standard)

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

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DRAWN BY: JML
DESIGNED BY: MJS
ELECTRICAL LAYOUT
A5

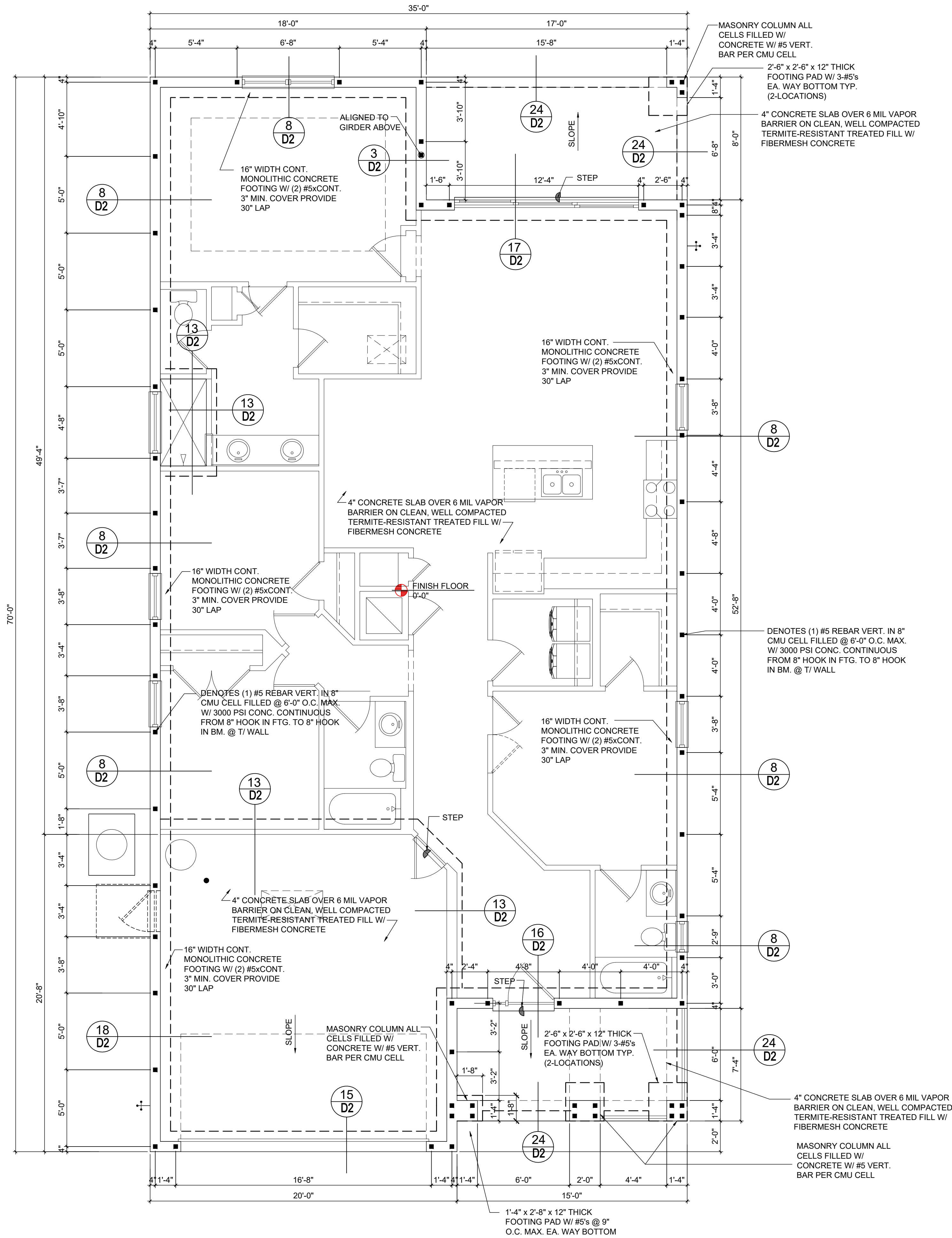
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FOUNDATION PLAN
AB (STANDARD)
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FOUNDATION PLAN
AB (STANDARD)
S1.AB

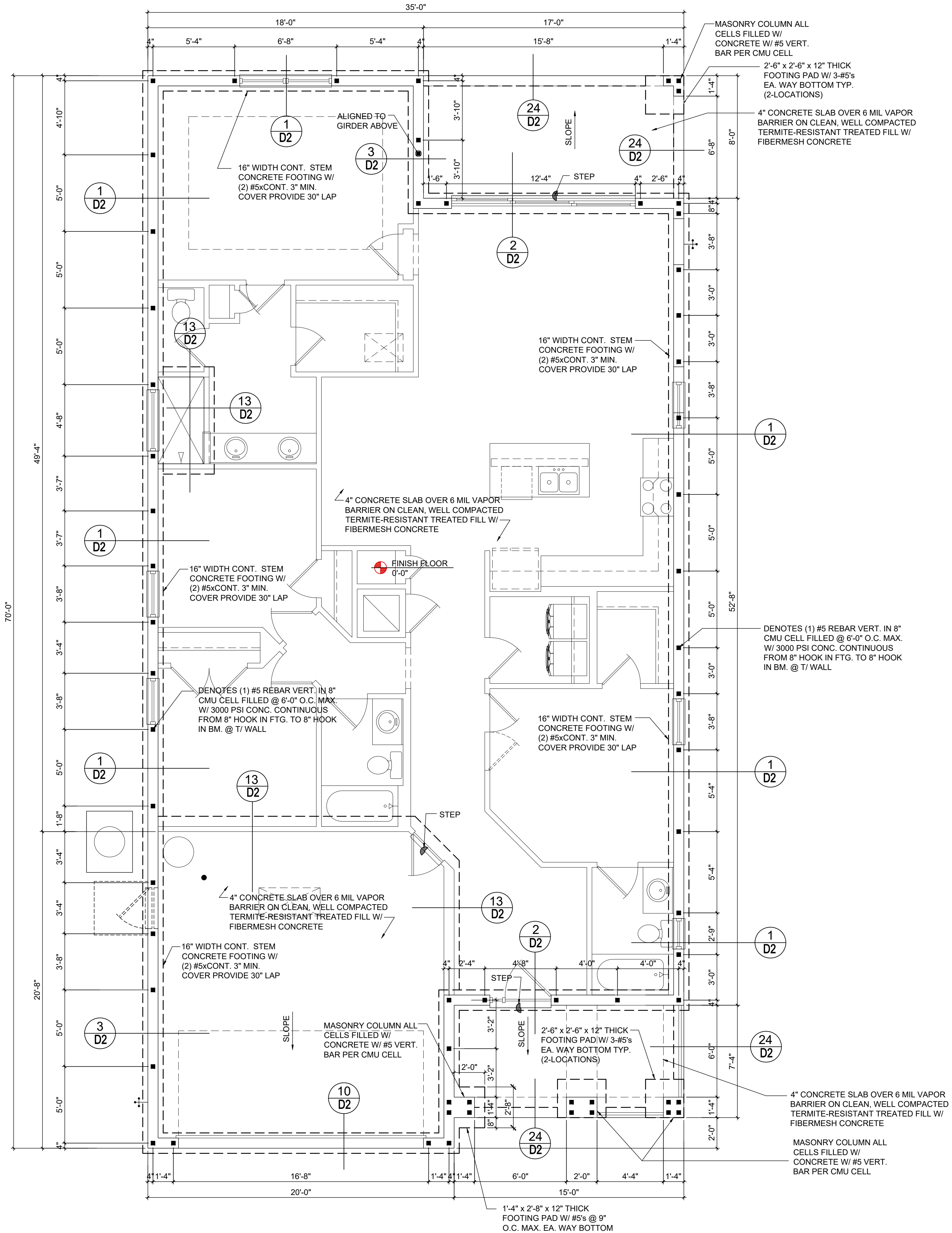
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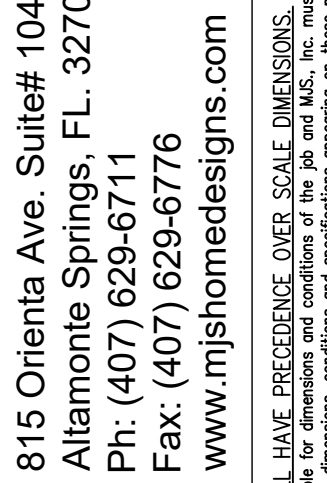


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FOUNDATION PLAN
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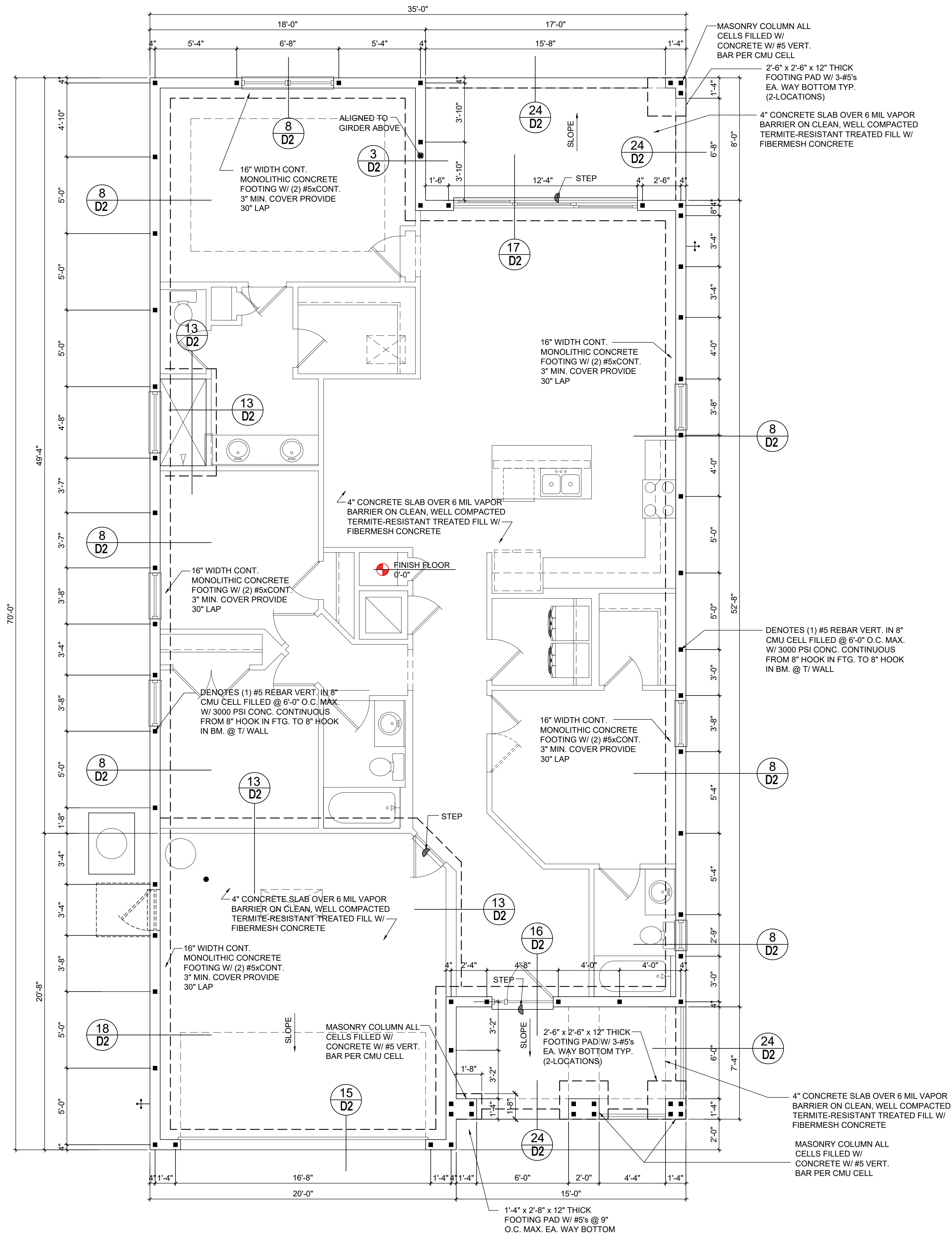
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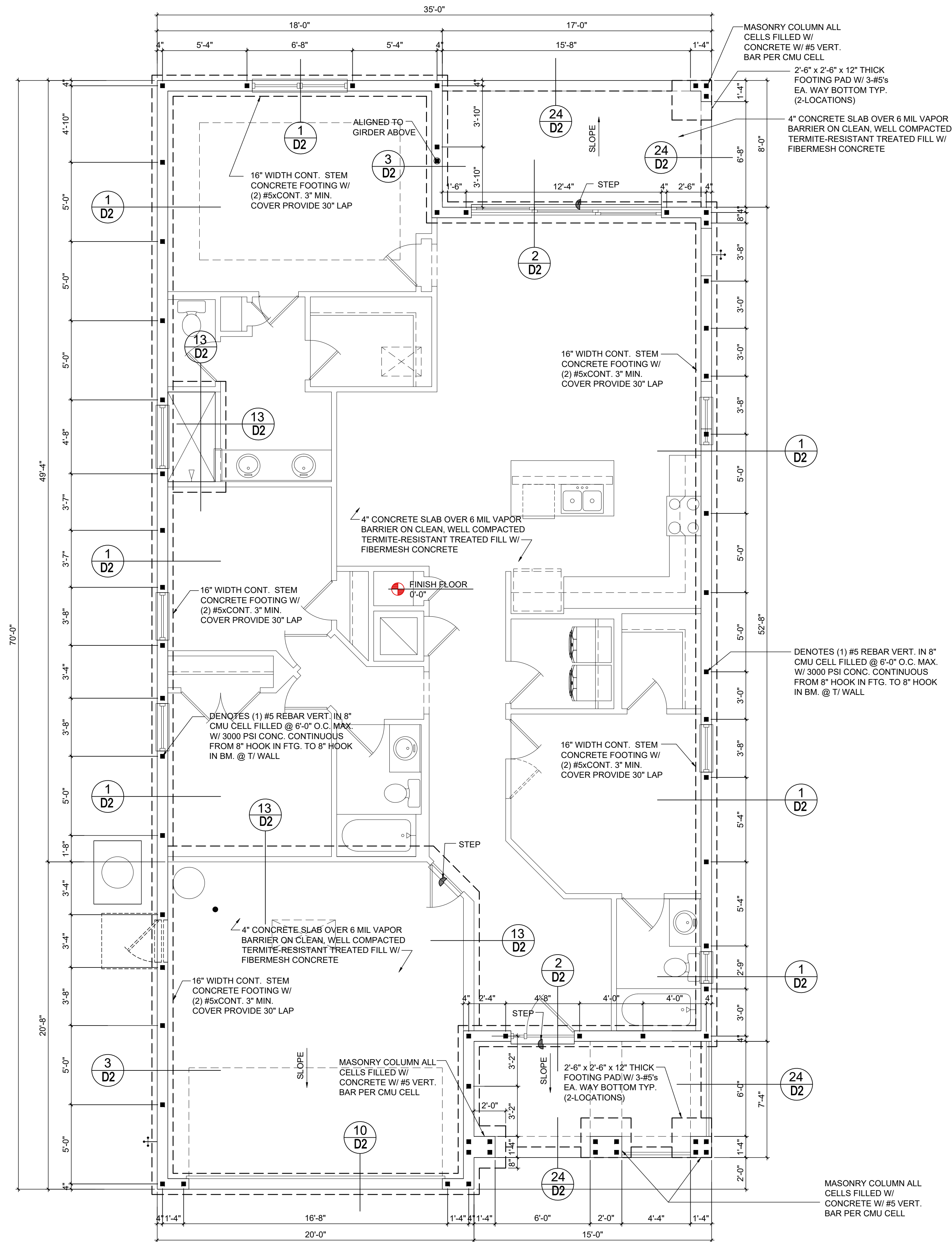
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WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. When plans have been electronically signed & sealed by Michael Thompson, PE using a digital signature I.D. a raised seal printed copies of this document are not considered signed & sealed. Signature must be verified on any electronic copies.

35-1771
DAYTONA
Lot # - Subdivision
Street Address
City, State, Zip

A division of Park Square
Enterprises Inc.
5200 Vineland Rd. Suite #200
Orlando, FL 32811
Phone: (407) 529-3000

Park Square HOMES

ISSUE DATE	11/26/2019
REVISIONS	
PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	JML
DESIGNED BY:	MJS

FOUNDATION PLAN
C (STANDARD)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)

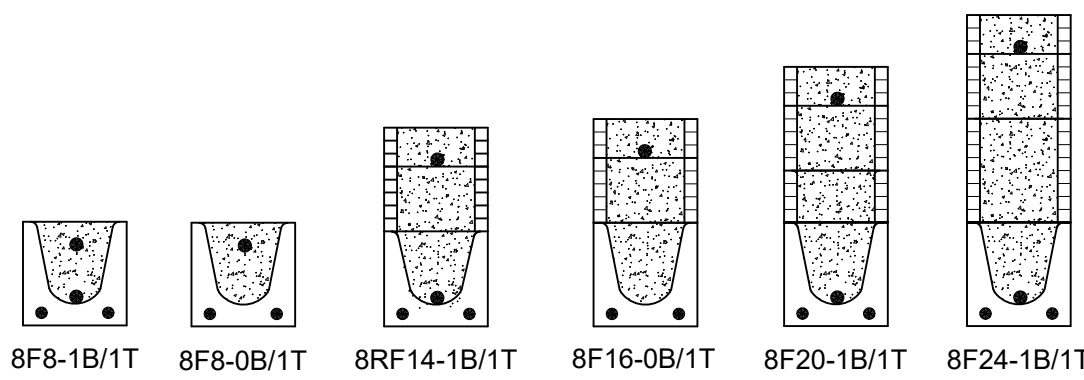
S1.C

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

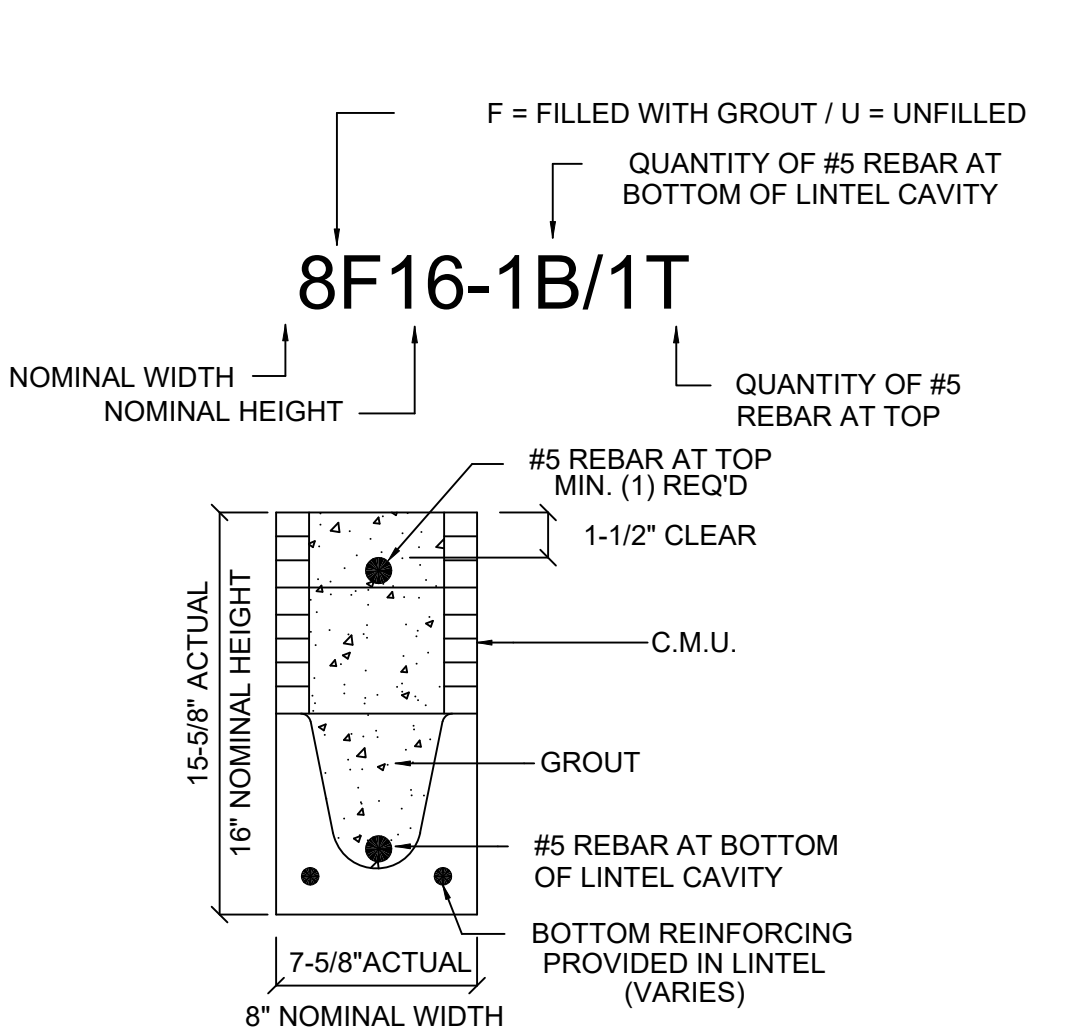
8" PRECAST & PRESTRESSED U-LINTELS										
GRAVITY										
LENGTH	TYPE	8U8	GRAVITY							
			8F8-0B 8F8-1B	8F12-0B 8F12-1B	8F16-0B 8F16-1B	8F20-0B 8F20-1B	8F24-0B 8F24-1B	8F28-0B 8F28-1B	8F32-0B 8F32-1B	
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936	13384
3'-6" (42")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936	13384
4'-0" (48")	PRECAST	2029	2325	2996	3487	4438	5410	6384	7358	8332
4'-6" (54")	PRECAST	1651	1787	1913	2057	2403	2749	3195	3641	4087
5'-4" (64")	PRECAST	1184	1223	1301	1389	2317	2828	3336	3844	4352
5'-10" (70")	PRECAST	972	1000	1059	1147	1889	2304	2721	3137	3553
6'-6" (78")	PRECAST	937	1255	2101	3263	2746	3358	3971	4585	5199
7'-6" (90")	PRECAST	767	1029	1675	2385	1994	2439	2886	3333	3780
9'-4" (112")	PRECAST	573	632	1049	1489	1210	1482	1754	2027	2300
10'-6" (126")	PRECAST	456	588	1025	1514	2081	2774	3130	3484	3838
11'-4" (136")	PRECAST	445	598	935	1365	1854	2355	2793	3231	3669
12'-0" (144")	PRECAST	414	545	864	1254	1689	2074	2459	2844	3229
13'-4" (160")	PRECAST	362	427	728	1028	1331	1635	1939	2243	2547
14'-0" (168")	PRECAST	338	381	648	919	1190	1462	1734	2006	2278
14'-8" (176")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	NR
15'-4" (184")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	NR
17'-4" (208")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	NR
19'-4" (232")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	NR
21'-4" (256")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	NR
22'-0" (264")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	NR
24'-0" (288")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	NR

8" PRECAST W/ 2" RECESS DOOR U-LINTELS										
GRAVITY										
LENGTH	TYPE	8RU6	GRAVITY							
			8RF8-0B 8RF8-1B	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	7855
4'-6" (54")	PRECAST	1357	1827	3412	4982	6472	7947	9416	10878	12340
5'-8" (68")	PRECAST	785	1449	2782	2714	3600	4487	5375	6264	7152
5'-10" (70")	PRECAST	735	1702	3412	4982	6472	7947	9416	10878	12340
6'-8" (80")	PRECAST	822	832	1602	1550	2058	2566	3075	3585	4094
7'-6" (90")	PRECAST	665	1153	2162	4074	6472	8516	9814	11112	12410
9'-8" (116")	PRECAST	371	779	1500	1449	1924	2400	2876	3352	3828

8" PRECAST & PRESTRESSED U-LINTELS										
UPLIFT										
LENGTH	TYPE	8U8	UPLIFT							
			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	
2'-10" (34")	PRECAST	2021	2727	2878	4101	5332	6569	7811	9055	10300
3'-6" (42")	PRECAST	1257	2727	2878	3981	5190	6407	7630	8857	10084
4'-0" (48")	PRECAST	938	2165	2299	3260	4237	5219	6204	7192	8180
4'-6" (54")	PRECAST	727	2165	2215	3165	4125	5091	6061	7036	8011
5'-4" (64")	PRECAST	505	1878	1989	2832	3680	4532	5387	6245	7103
5'-10" (70")	PRECAST	418	1878	1925	2750	3583	4422	5264	6110	6956
6'-6" (78")	PRECAST	362	1660	1762	2507	3257	4010	4767	5525	6283
7'-6" (90")	PRECAST	286	1660	1705	2435	3171	3913	4658	5406	6154
9'-4" (112")	PRECAST	148	1393	1484	2110	2741	3375	4010	4648	5286
10'-6" (126")	PRECAST	114	1393	1437	2050	2670	3293	3920	4549	5178
11'-4" (136")	PRECAST	93	1272	1357	1930	2505	3084	3665	4247	4828
12'-0" (144")	PRECAST	70	1272	1315	1875	2441	3010	3583	4157	4730
13'-4" (160")	PRECAST	51	1141	1200	1733	2250	2769	3290	3812	4334
14'-0" (168")	PRECAST	38	1141	1182	1684	2192	2703	3216	3732	4248
14'-8" (176")	PRESTRESSED	N.R.	959	912	1475	1914	2354	2797	3240	3683
15'-4" (184")	PRESTRESSED	N.R.	901	1029	1466	1907	2351	2797	3245	3690
17'-4" (208")	PRESTRESSED	N.R.	801	817	980	1269	1560	1852	2144	2436
19'-4" (232")	PRESTRESSED	N.R.	612	755	1152	1550	1910	2271	2634	2997
21'-4" (256")	PRESTRESSED	N.R.	498	793	1027	1281	1496	1731	1966	2201
22'-0" (264")	PRESTRESSED	N.R.	716	611	1039	1389	1711	2034	2358	2682
24'-0" (288")	PRESTRESSED	N.R.	666	439	896	899	1104	1309	1515	1721



TYPE DESIGNATION



- MATERIALS**
1. Prc precast lintels = 3500 psi.
 2. Prc prestressed lintels = 6000 psi.
 3. Prc 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	8RU6	UPLIFT							
			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	
4'-4" (52")	PRECAST	832	1244	1573	2413	3260	4112	4967	5825	6683
4'-6" (54")	PRECAST	853	1192	1507	2311	3121	3937	4756	5577	6397
5'-8" (68")	PRECAST	501	1192	1455	2240	3036	3837	4643	5453	6263
5'-10" (70")	PRECAST	469	924	1172	1795	2423	3055	3689	4325	4961
6'-8" (80")	PRECAST	830	896	1138	1742	2352	2965	3581	4198	4815
7'-6" (90")	PRECAST	710	896	1099	1690	2288	2891	3497	4106	4714
9'-8" (116")	PRECAST	516	778	882	1513	2042	2573	3107	3642	4177



CAST CRETE / LOTTS / WEKIWA / FLORIDA ROCK PRECAST LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	17'-4"	8F16-1B/1T	GARAGE
L-2	5'-8"	8F16-1B/1T	ENTRY
L-3	7'-4"	8F16-1B/1T	ENTRY
L-4	7'-4"	8RF14-1B/1T	FOYER
L-5	5'-4"	8F16-1B/1T	BATH 2
L-6	3'-4"	8F16-1B/1T	BEDROOM 2
L-7	4'-4"	8F16-1B/1T	GATHERING ROOM
L-9	13'-4"	8F16-1B/1T	GATHERING ROOM
L-10	8'-0"	8F16-1B/1T	COVERED LANAI
L-11	17'-0"	8F16-1B/1T	COVERED LANAI
L-12	7'-4"	8F16-1B/1T	MASTER SUITE
L-13	5'-4"	8F16-1B/1T	MASTER BATH
L-14	4'-4"	8F16-1B/1T	BEDROOM 4
L-15	4'-4"	8F16-1B/1T	BEDROOM 3
L-16	4'-0"	8RF14-1B/1T	GARAGE (OPTIONAL)

PRECAST LINTEL PLAN AB (STANDARD) 1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)

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DAYTONA

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ISSUE DATE 11/26/2019

REVISIONS

PROJECT: 00-0000

SCALE: AS NOTED

DRAWN BY: JML

DESIGNED BY: MJS

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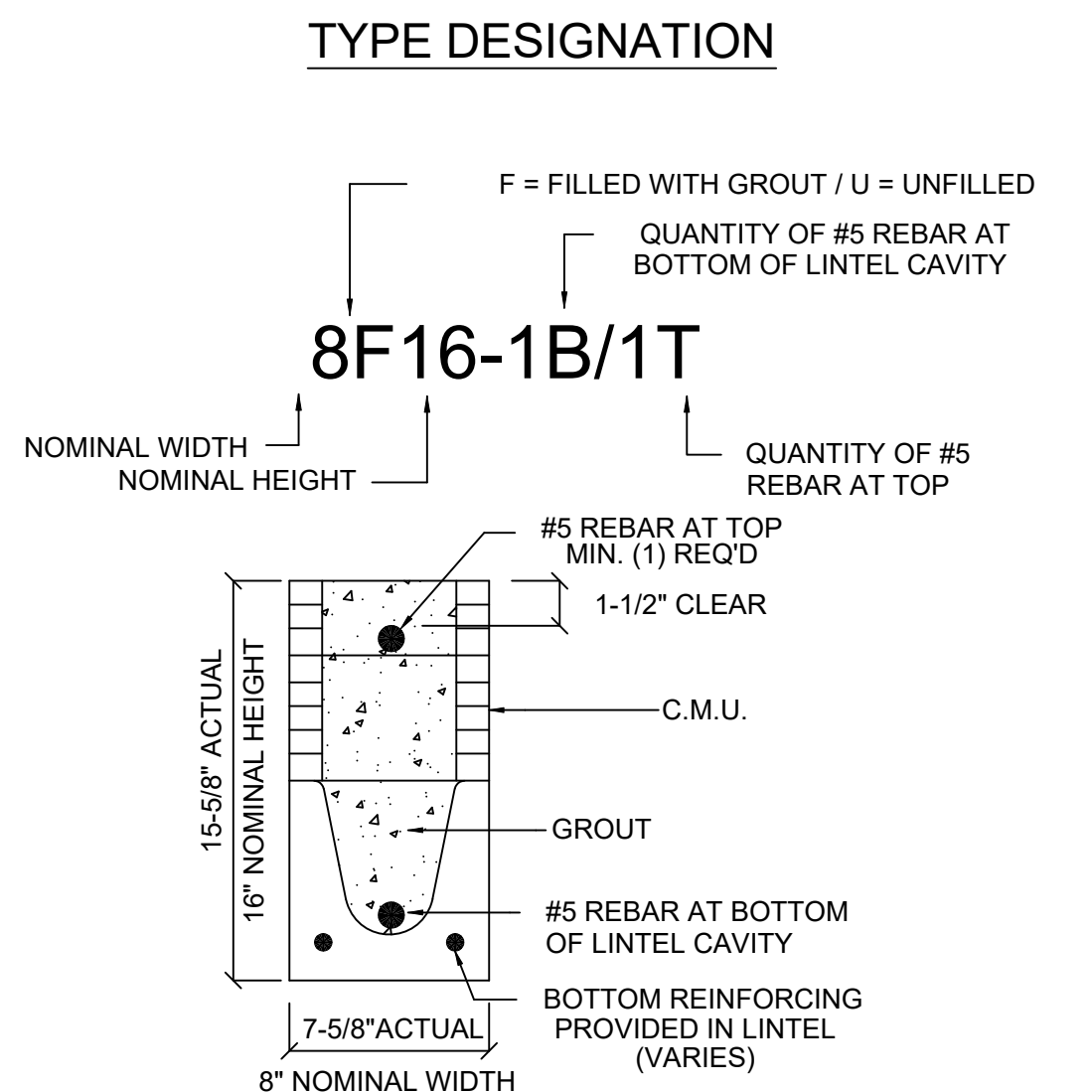
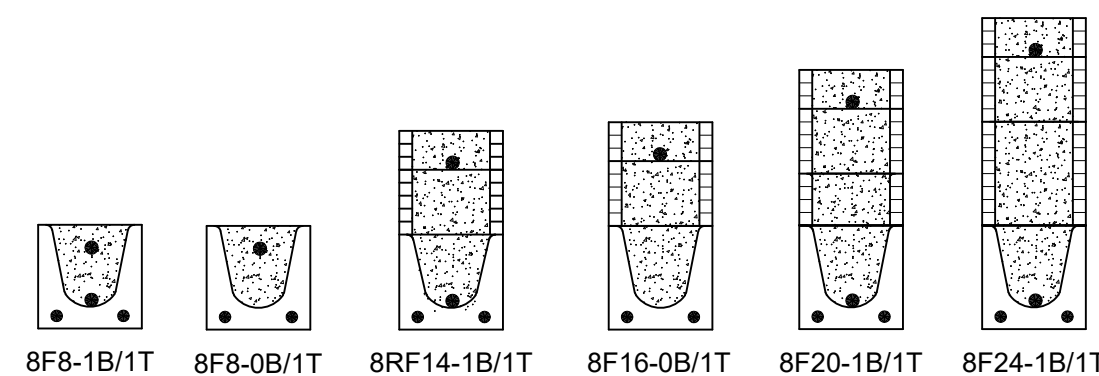
PRECAST LINTEL PLAN & NOTES
S2.AB

SAFE LOAD TABLES
FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS GRAVITY table with columns for length, type, and various rebar configurations (e.g., 8F8-OB, 8F12-OB).

8" PRECAST W/ 2" RECESS DOOR U-LINTELS GRAVITY table with columns for length, type, and various rebar configurations (e.g., 8RU6, 8RF8-OB, 8RF10-OB).

8" PRECAST & PRESTRESSED U-LINTELS UPLIFT and LATERAL tables with columns for length, type, and load capacity values.

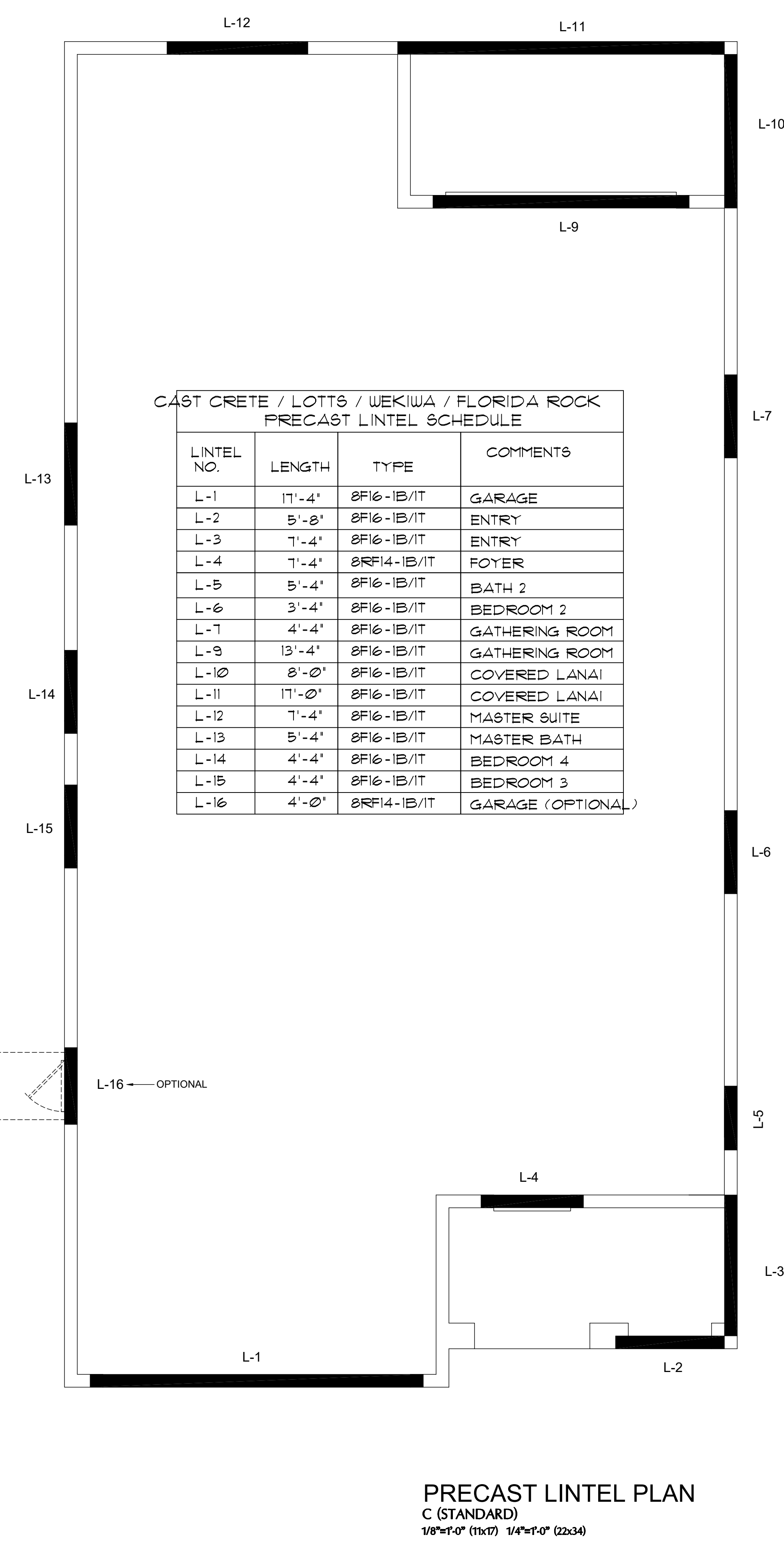


- MATERIALS: 1. fc precast lintels = 3500 psi. 2. fc prestressed lintels = 6000 psi. 3. fc grout = 3000 psi w/ maximum 3/8" aggregate. 4. Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi. 5. Rebar provided in precast lintel per ASTM A615 GR60. 6. Prestressing 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 and LATERAL tables with columns for length, type, and load capacity values.

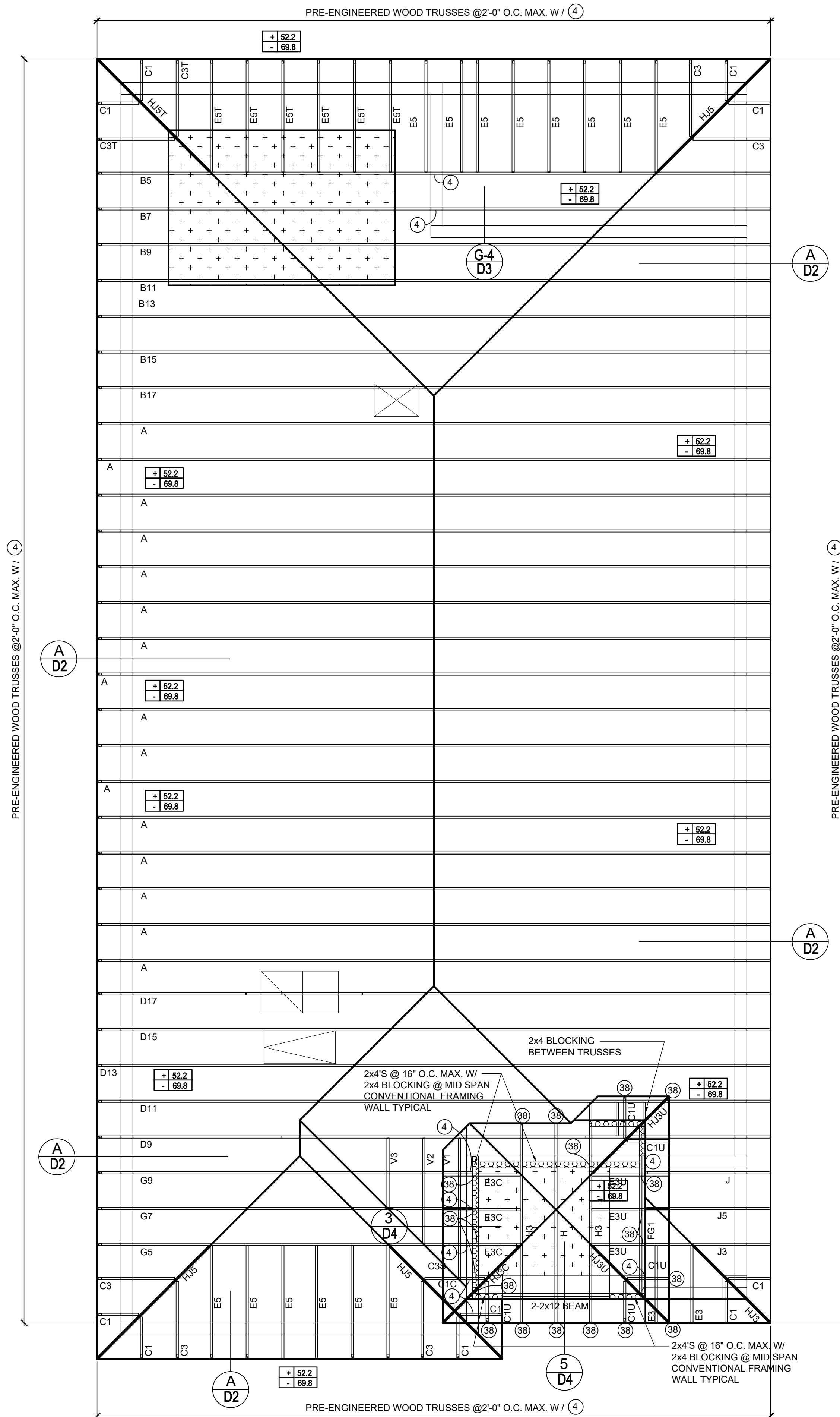


PRECAST LINTEL PLAN C (STANDARD)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)

Vertical sidebar containing logos for ITEG, MJS, and Park Square Homes, along with contact information for Thompson Engineering Group, Inc. and MJS Designers-Planners.

CONNECTOR SCHEDULE

CONNECT. TYPE	SIMPSON		MAX. UPLIFT	LAT. LDS. F1 / F2
	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA16	9-10d x 1 1/2"	1,810	65 / 960
5	DETAL20	18-10d x 1 1/2"	2,480	2000 / 1370
20	H3	RFT: 4-8d / PLT: 4-8d	455	125 / 160
21	H1	RFT: 6-8dx1 1/2"/PLT: 4-8d	475	485 / 165
22	H10S	RFT: 8-8d x 1 1/2" PLT: 8-8d x 1 1/2"	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: 4-8dx1 1/2"/P: 4-8dx1 1/2"	365	280 / 303
35	A35F	H: 4-8dx1 1/2"/P: 4-8dx1 1/2"	440	440 / N/A
37	HTS16	14-10d	1,310	N/A
38	MTS16	14-10d	1,000	N/A
39	MTS30	14-10d	1000	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 1 1/2"	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"x5 1/2" BOLTS	7,910	N/A
97	MTSM16	BLOCK: 4-1/2"x2 1/4" TC JOIST: 7-10d	860	N/A
98	HTT4	SILL: 7/8" BOLT STRAP: 18-16d	4,235	N/A
99	A35	H: 4-8dx1 1/2"/P: 4-8dx1 1/2"	440	440 / N/A
102	HTT5	7/8" BOLT / 26-10d	4,275	N/A
103	VGTRL	32-SDS 1/4"x3"/(2) 7/8" BLT	3,990	N/A
104	HU8-SDS2.5	7/8" BLT / 20-SDS 1/4"x2 1/2"	5,020	N/A
110	HCP2	12-10d x 1 1/2"	520	260 / 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"x1 1/2" TAPCON BM: 6-16d	1,135	N/A
215	HGUS210-2	HDR: 46-16d/JST: 10-16d	2,720	N/A
216	HUS412	BLOCK: 10-1/4"x1 1/2" TC JOIST: 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-1/4"x1 1/2" 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: 2-10dx1 1/2"/P: 10-10dx1 1/2"	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			

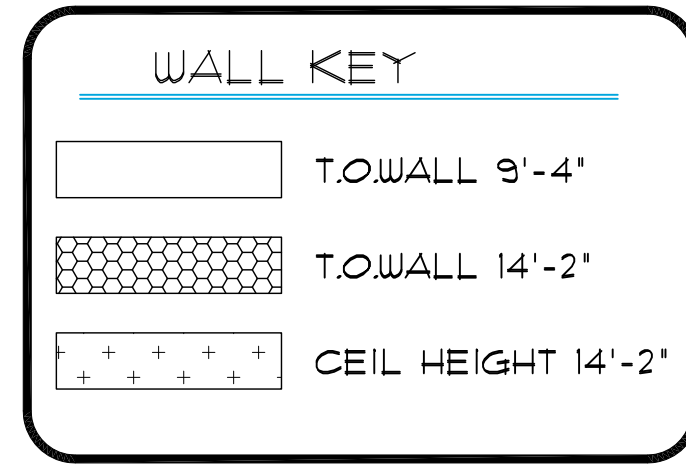


COMPONENT & CLADDING DESIGN WIND PRESSURES

SEE PLAN DESIGN WIND PRESSURE

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

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



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

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Phone: (407) 529-3000

Park Square HOMES

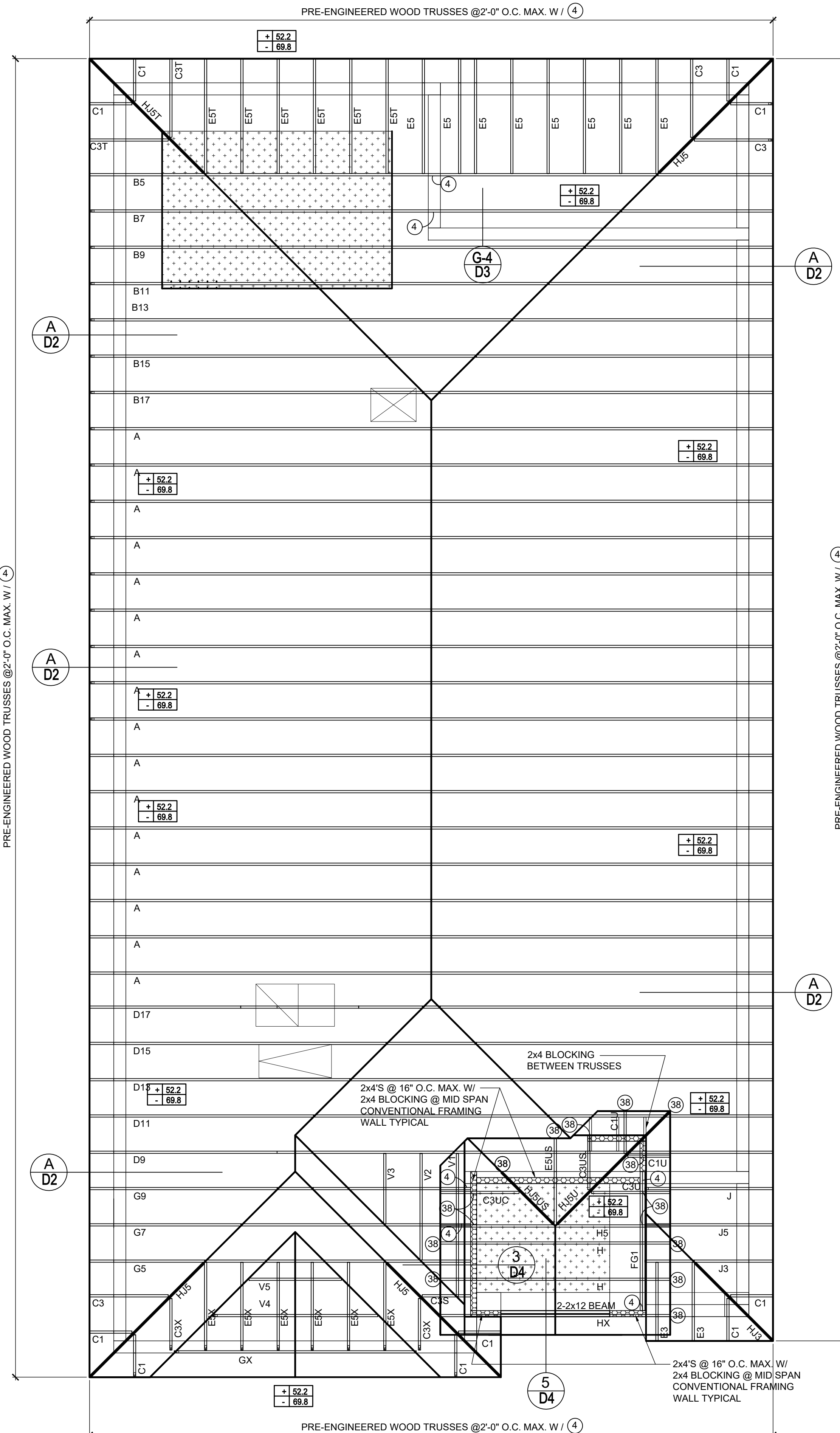
ISSUE DATE: 11/26/2019
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PROJECT: 00-0000
SCALE: AS NOTED
DRAWN BY: JML
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ROOF FRAMING PLAN
AB (STANDARD)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x37)

S3.AB

CONNECTOR SCHEDULE

CONNECT. TYPE	SIMPSON DESCRIPTION	FASTENERS PER CONNECTOR	MAX. UPLIFT	LAT. LDS. F1 / F2
4	HETA16	9-10d x 1 1/2"	1,810	65 / 960
5	DETAL20	18-10d x 1 1/2"	2,480	2000 / 1370
20	H3	RFT: 4-8d / PLT: 4-8d	455	125 / 160
21	H1	RFT: 6-8dx1 1/2"/PLT: 4-8d	475	485 / 165
22	H10S	RFT: 8-8d x 1 1/2" PLT: 8-8d x 1 1/2"	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: 4-8dx1 1/2"/P: 4-8dx1 1/2"	365	280 / 303
35	A35F	H: 4-8dx1 1/2"/P: 4-8dx1 1/2"	440	440 / N/A
37	HTS16	14-10d	1,310	N/A
38	MTS16	14-10d	1,000	N/A
39	MTS30	14-10d	1,000	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 1 1/2"	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"x5 1/2" BOLTS	7,910	N/A
97	MTSM16	BLOCK: 4-1/2"x2 1/4" TC JOIST: 7-10d	860	N/A
98	HTT4	SILL: 7/8" BOLT STRAP: 18-16d	4,235	N/A
99	A35	H: 4-8dx1 1/2"/P: 4-8dx1 1/2"	440	440 / N/A
102	HTT5	7/8" BOLT / 26-10d	4,275	N/A
103	VGTR/L	32-SDS 1/4"x3"/(2) 7/8" BLT	3,990	N/A
104	HU8-SDS2.5	7/8" BLT/20-SDS 1/4"x2 1/2"	5,020	N/A
110	HCP2	12-10d x 1 1/2"	520	260 / 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"x1 1/2" TAPCON BM: 6-16d	1,135	N/A
215	HGUS210-2	HDR: 46-16d/JST: 10-16d	2,720	N/A
216	HUS412	BLOCK: 10-1/2"x1 1/2" TC JOIST: 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-1/2"x1 1/2" 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: 2-10dx1 1/2"/P: 10-10dx1 1/2"	1,470	480 / N/A
241	LGT2	30-16d-sinker	2,000	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	6,485	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			

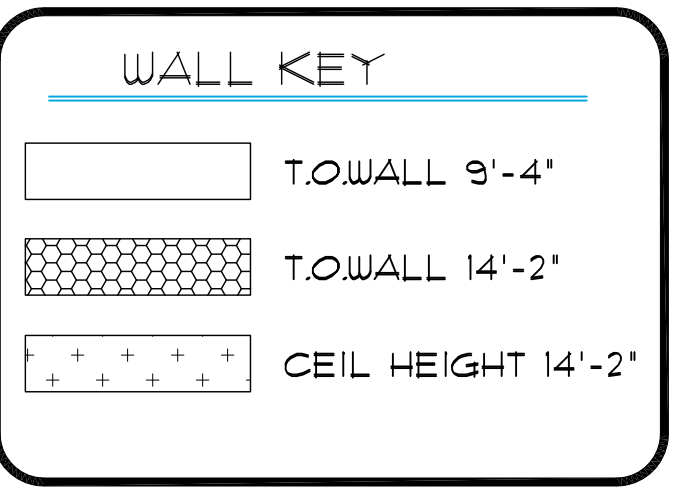


COMPONENT & CLADDING DESIGN WIND PRESSURES

SEE PLAN DESIGN WIND PRESSURE

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

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



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

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Park Square HOMES

ISSUE DATE 11/26/2019

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

S3.C

STRUCTURAL NOTES

- THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 6TH EDITION, FBCR 2017 (WIND LOAD @ 150 MPH.)
- WINDOWS, DOORS, AND GARAGE DOORS TO BE DESIGNED TO MEET FBCR SECTION R301
- ALL FLOOR SLABS TO BE OF 2,500 PSI CONC. PLANT MIX MIN. 5" THICK WITH 6x6 10/10 WIRE MESH 6 MIL. POLY. VAPOR-BARRIER OVER TERMITES 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.

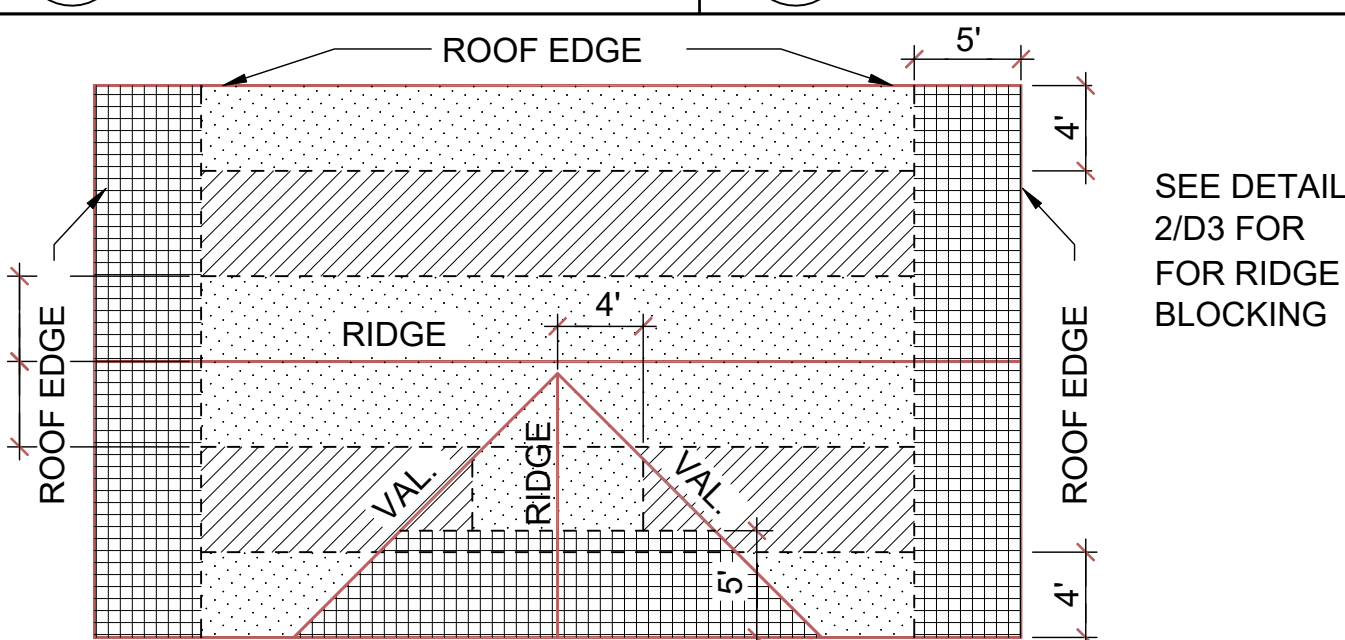
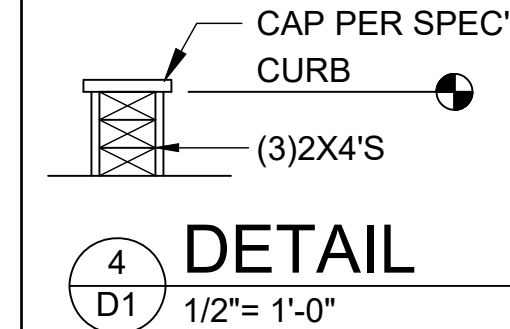
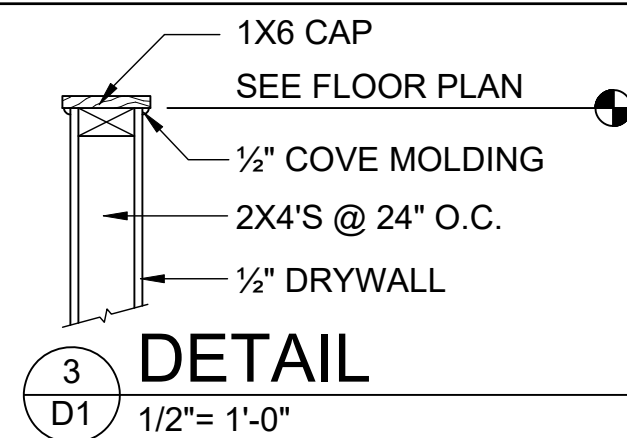
- SOIL BEARING CAPACITY 2000 PSF MINIMUM

WOOD STRUCTURAL NOTES

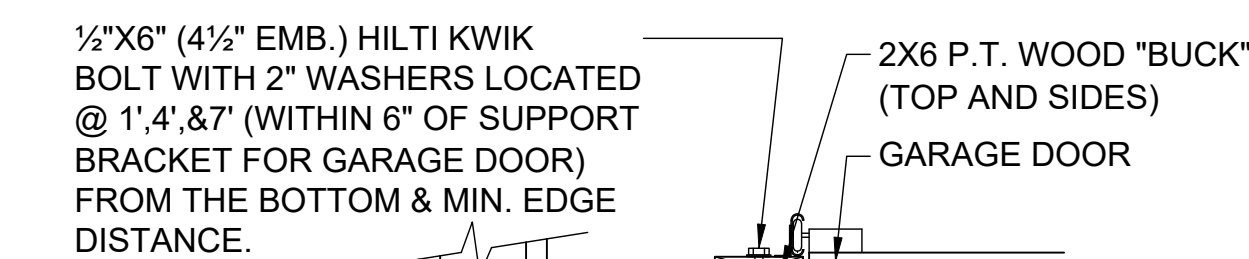
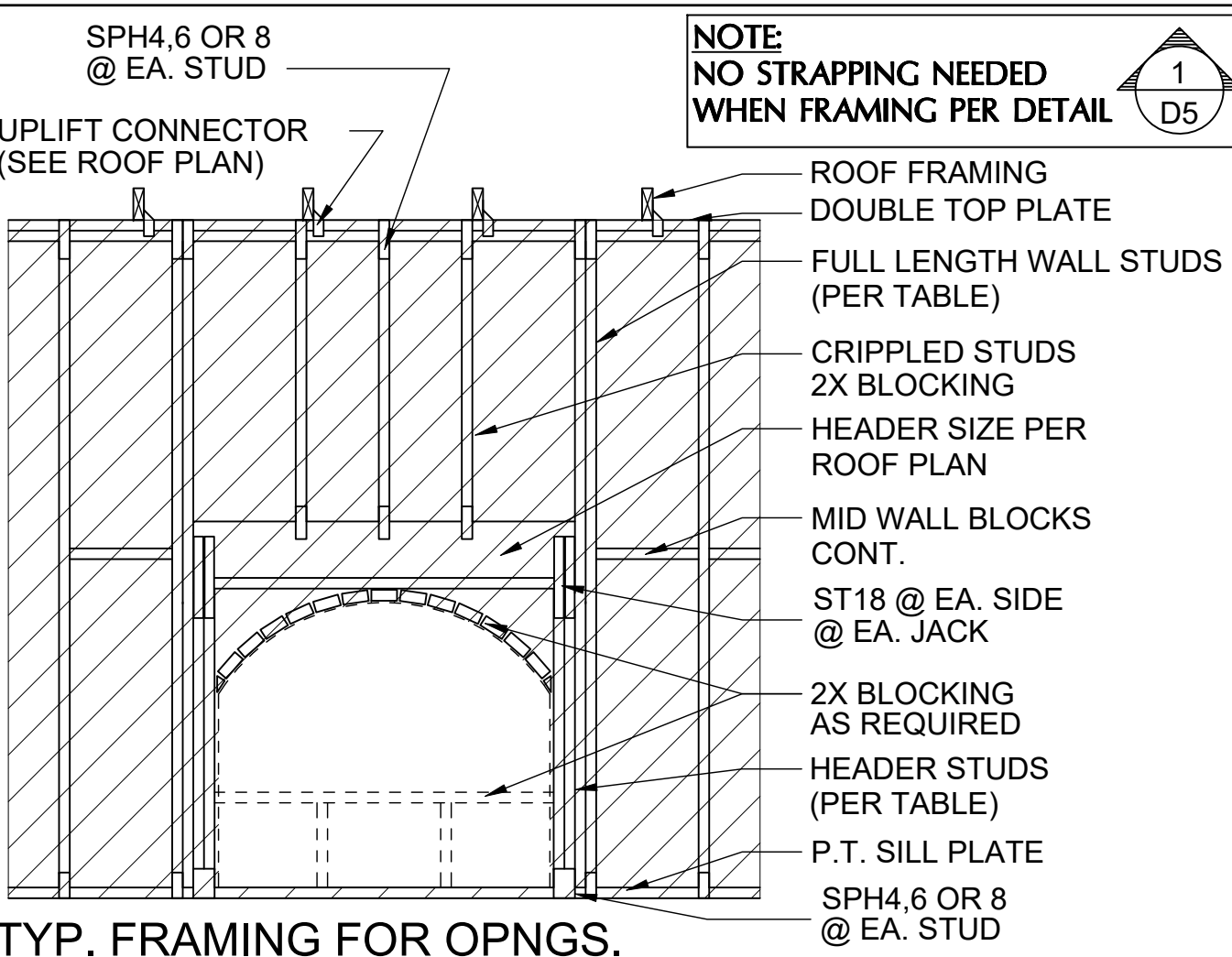
- ALL WOOD TO BE SPECIES, GROUP, AND GRADE AS NOTED BELOW. DAMAGED WOOD NOT TO BE USED.
- ALL STRUCTURAL LUMBER SHALL BE SPF (SPRUCE-PINE-FIR) #2 OR BETTER UNLESS OTHERWISE NOTED. (PRE ENG. TRUSSES EXCLUDED)
- END JOINT IN STRUCTURAL DOUBLE TOP PLATE TO BE OFFSET AT LEAST 4". STRUCTURAL DOUBLE PLATES TO BE NAILED @ 6" O.C..
- 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. 7/16" OSB, NAILED 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 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

FIELD REPAIR NOTES

- 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
- MISSED J-BOLTS FOR FRAMED EXTERIOR/ BEARING WALLS MAY BE SUBSTITUTED W/ 1/2" DIA. X 7" LONG WEDGE ANCHORS (REDHEADS).
- MISSED FOOTING DOWELS MAY BE SUBSTITUTED W/ A STRAIGHT #5 REBAR SET IN A 3/4" DIA. X 6" DEEP HOLE FILLED W/ UNITEX PROPOXY 300 OR SIMPSON SET OR ETF ADHESIVES.
- BLOCK WALL OVERHANGING SLAB CONDITION:
UP TO -7/8" - NO REPAIR NECESSARY
-7/8" TO 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
- 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



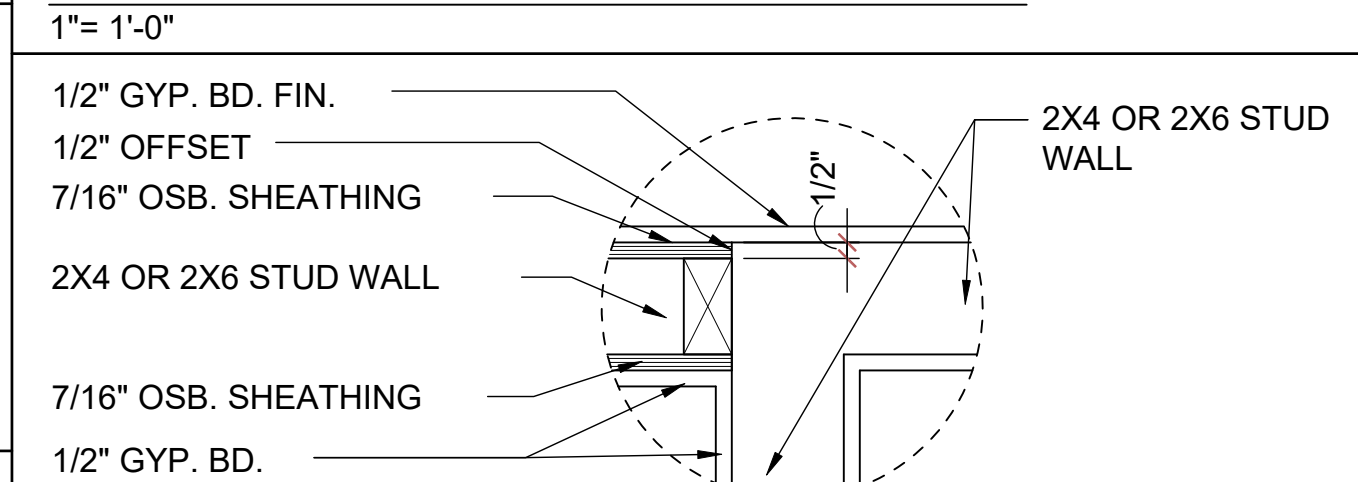
ZONE:	8d NAILS @ 6" O.C. EDGES AND 12" O.C. FIELD
ZONE:	8d NAILS @ 6" O.C. EDGES AND 12" O.C. FIELD
ZONE:	8d NAILS @ 4" O.C. EDGES AND 6" O.C. FIELD



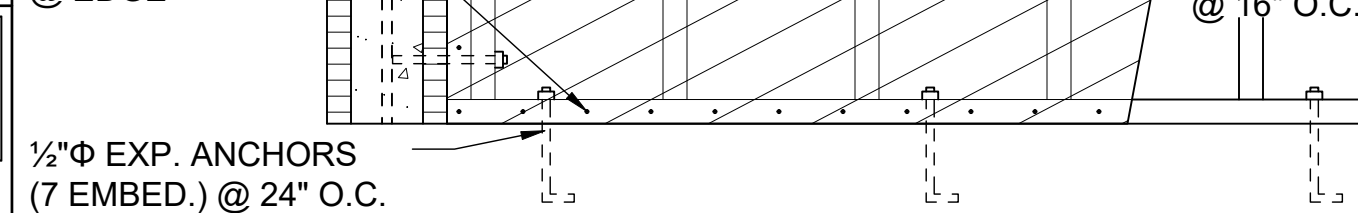
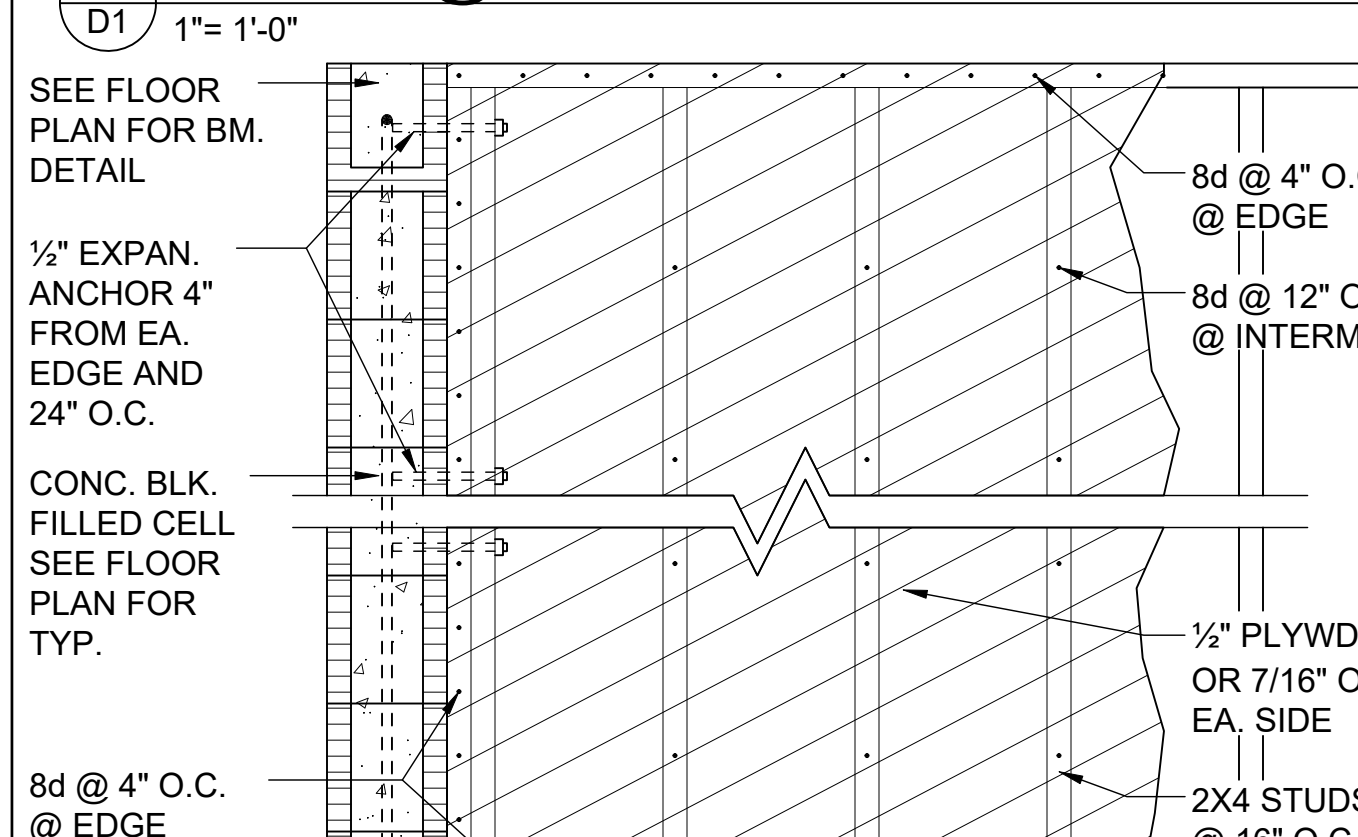
- DETAIL TO SATISFY 150 MPH WIND LOAD
- MASONRY FRAME SHALL BE MIN 8X16 ASTM C-9D
- GROUT FILLED CELL W/ 1/2" ASTM 2 #5 REBAR (GRADE 60) @ EA. SIDE OF GARAGE DOOR OPENING
- MAX. DISTANCE TO CORNER OF C.B.S. WALL REINF. 48"
- REINF. TO BE CONT. FROM FTG. TO THE BEAM W/ ALL "ACI" DETAILS & DEVELOPMENT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

- 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:
 - THE DESIGN OF THE DOOR CAN WITHSTAND POSITIVE AND NEGATIVE WIND PRESSURES OF 25 PSF.
 - THE DESIGN OF THE DOOR COMPLIES WITH THE CRITERIA SPECIFIED IN SECTION R609 OF THE 2017 FLORIDA BUILDING CODE RESIDENTIAL, 6TH EDITION
 - DOOR SIZE, TYPE AND GLAZING
 - TRACK SIZE AND FASTENER DETAILS.
 - TRACK BRACKET QUANTITY, SPACING AND FASTENER DETAILS.
 - REINFORCING MEMBER QUANTITY, LOCATION, SIZE, TYPE AND FASTENER DETAILS. (IF REQUIRED)

GARAGE BUCK DETAIL

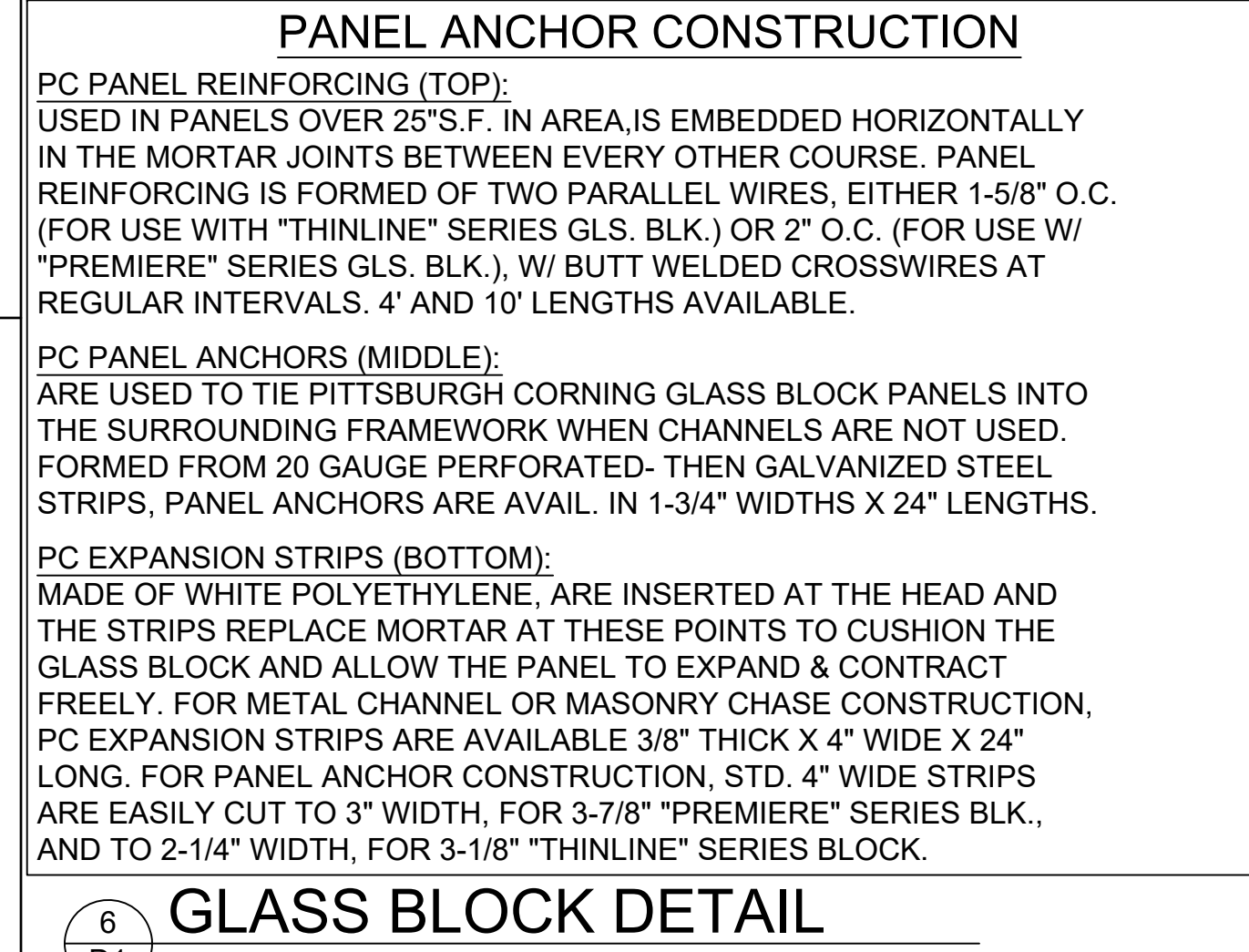
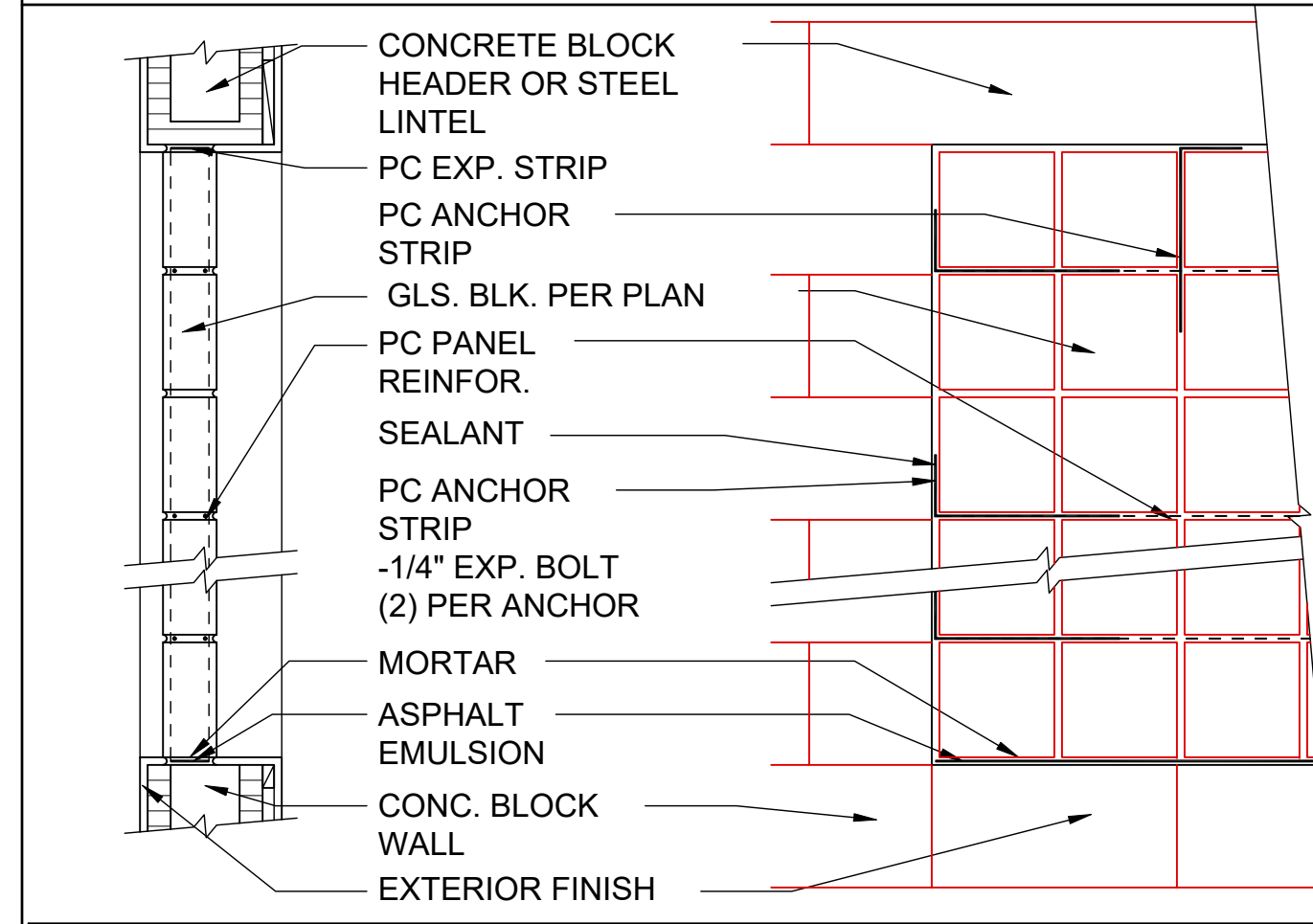
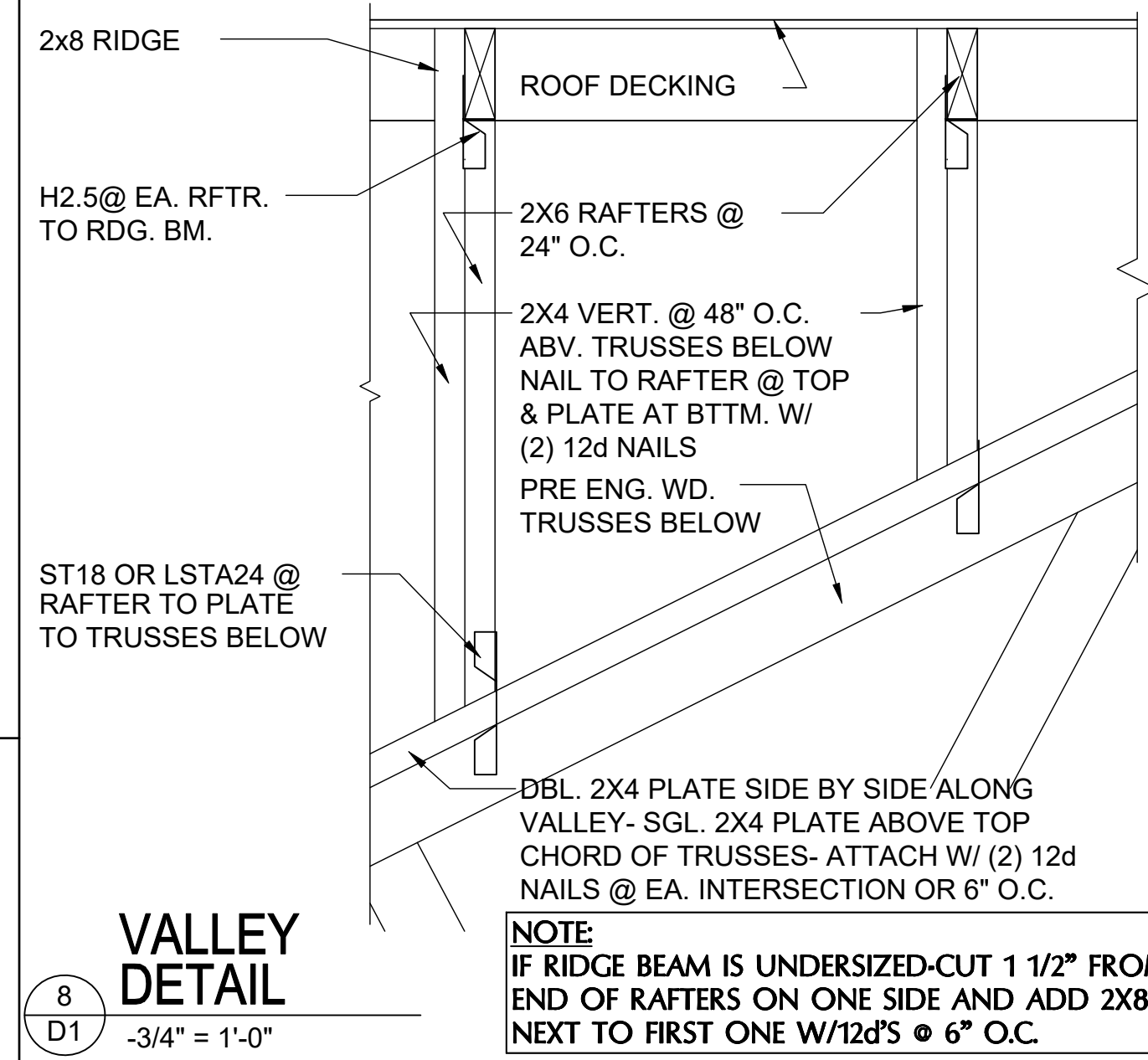
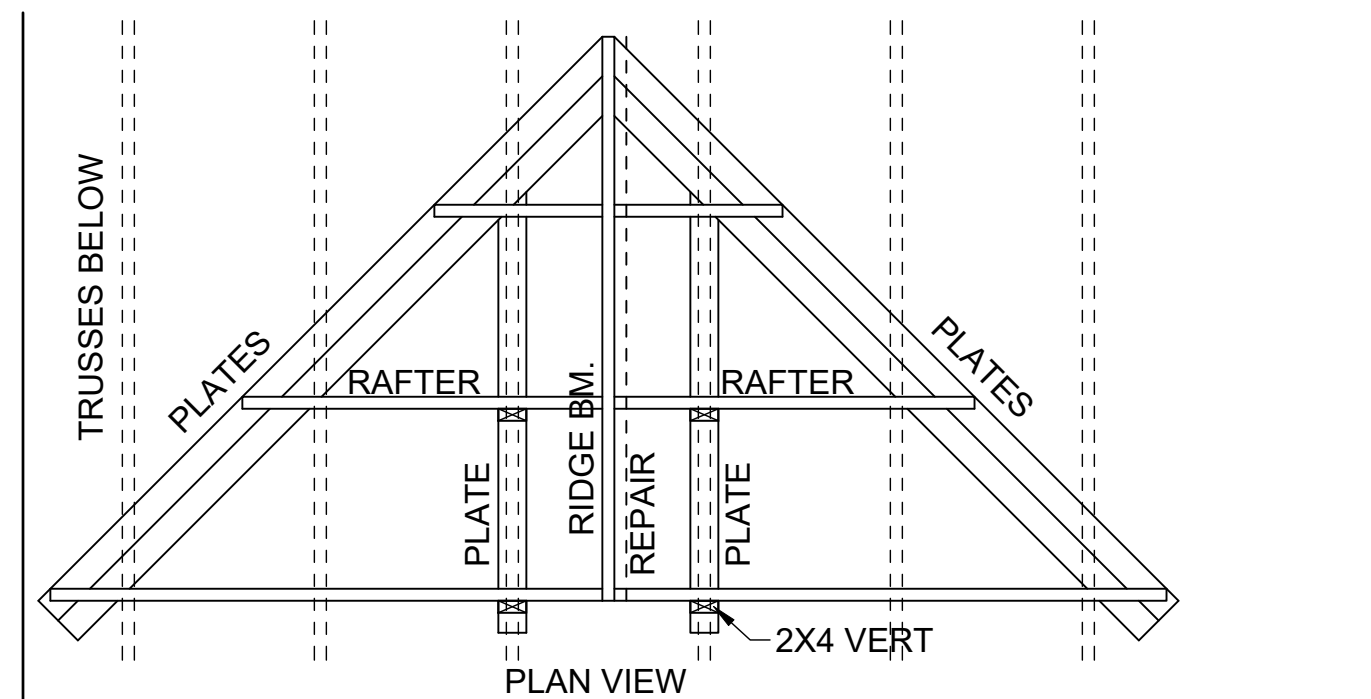


DETAIL @ CONN. TO REG. WALL



MIN. WALL AND HEADER REQUIREMENTS

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



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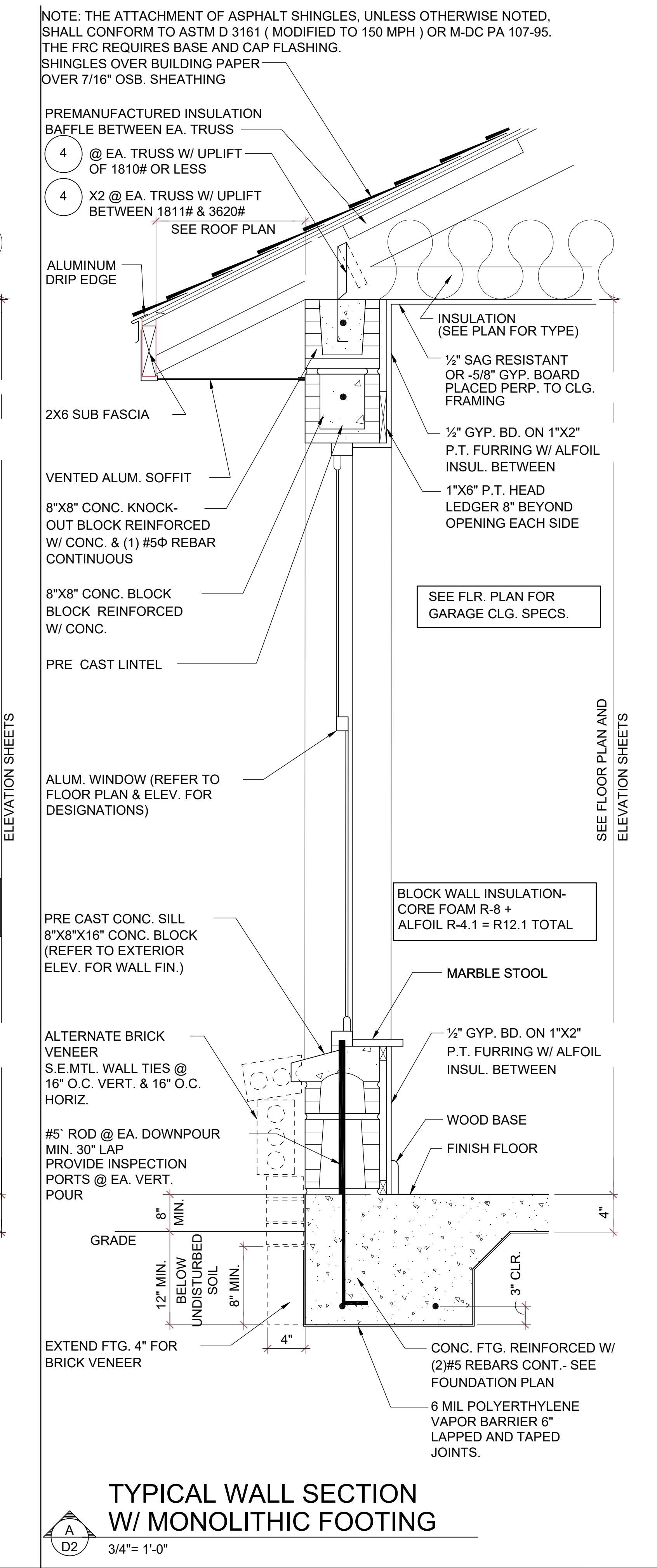
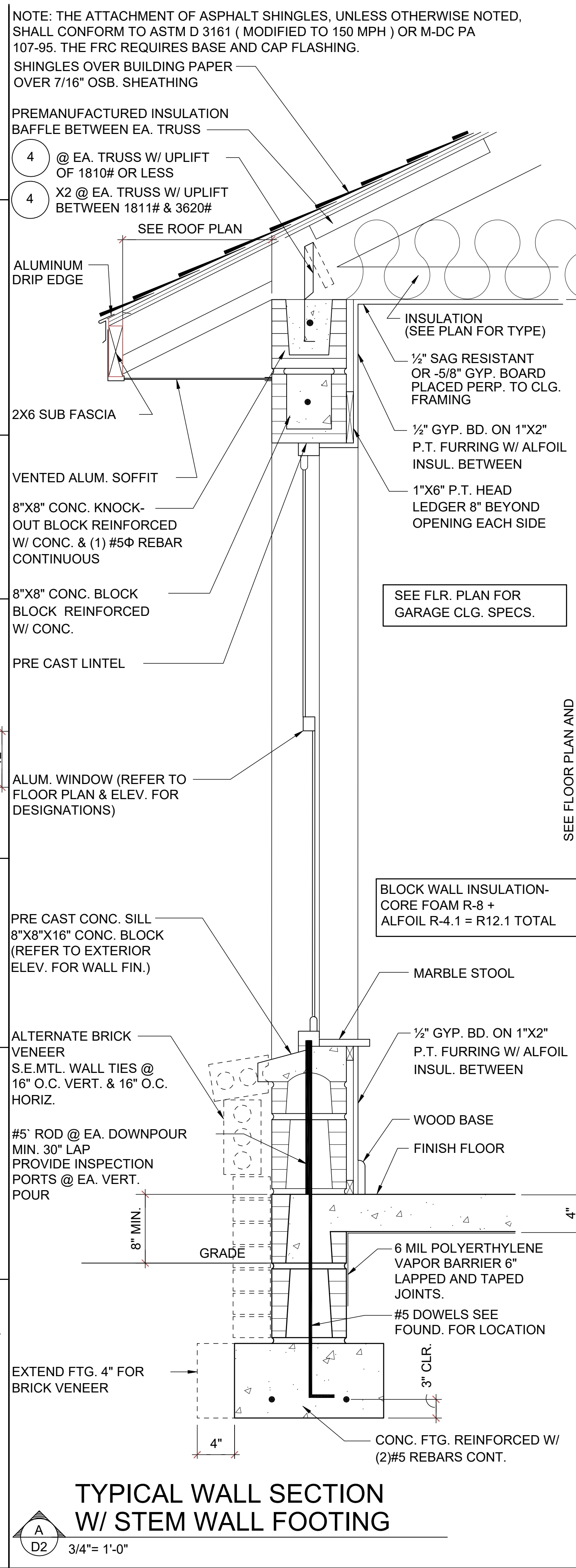
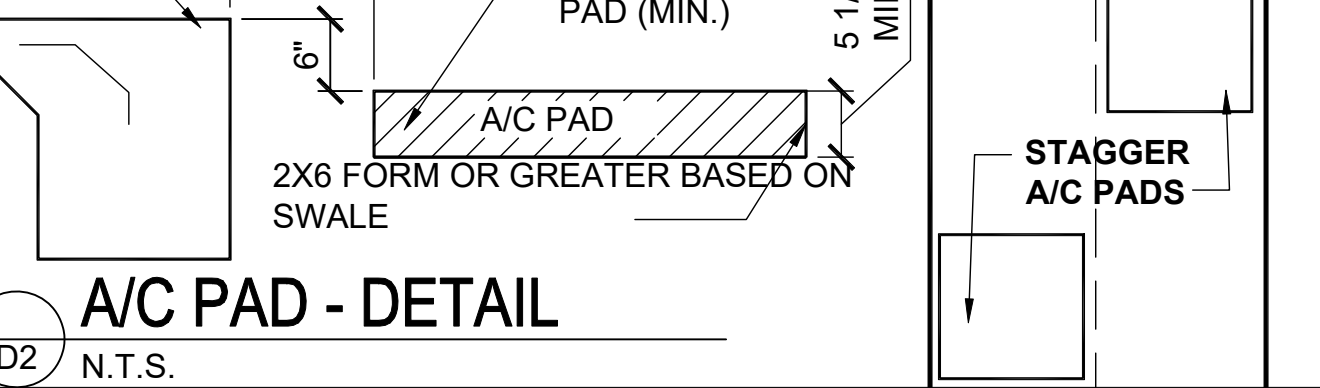
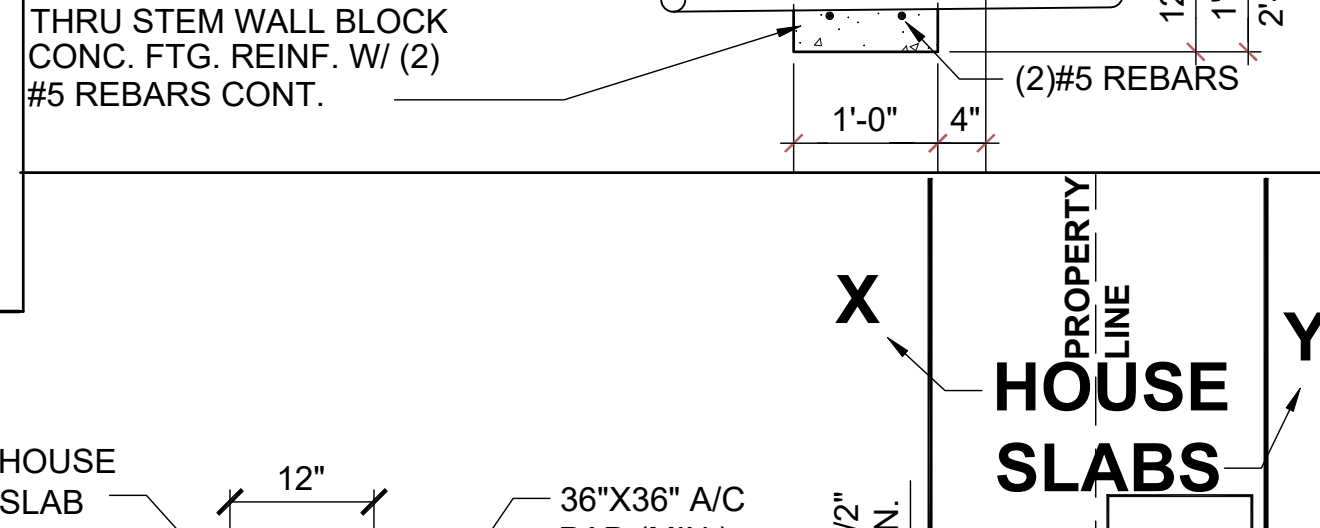
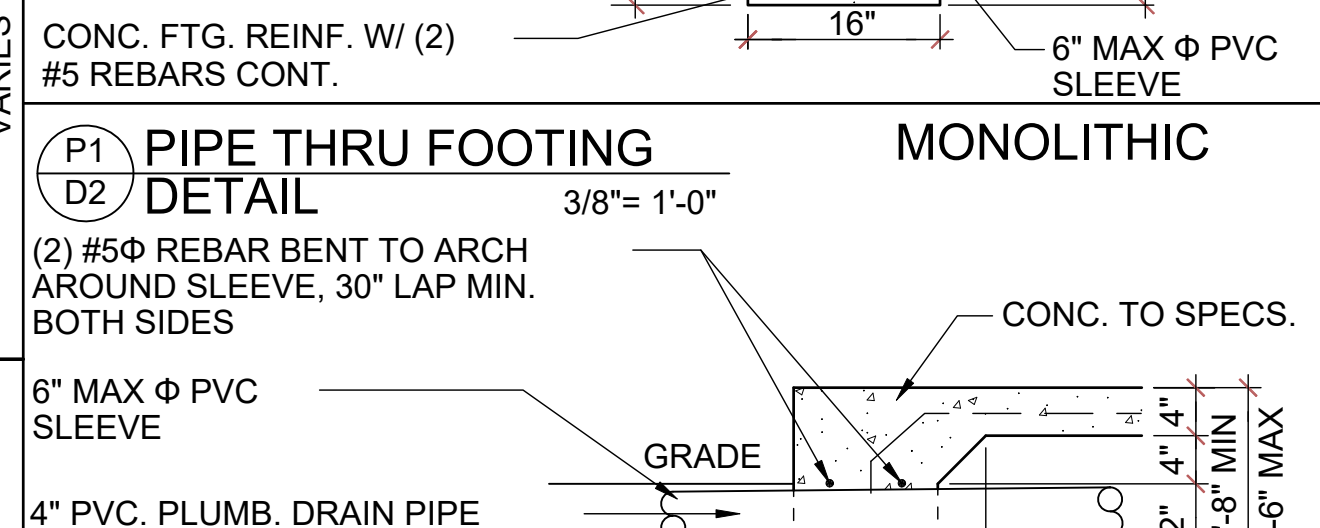
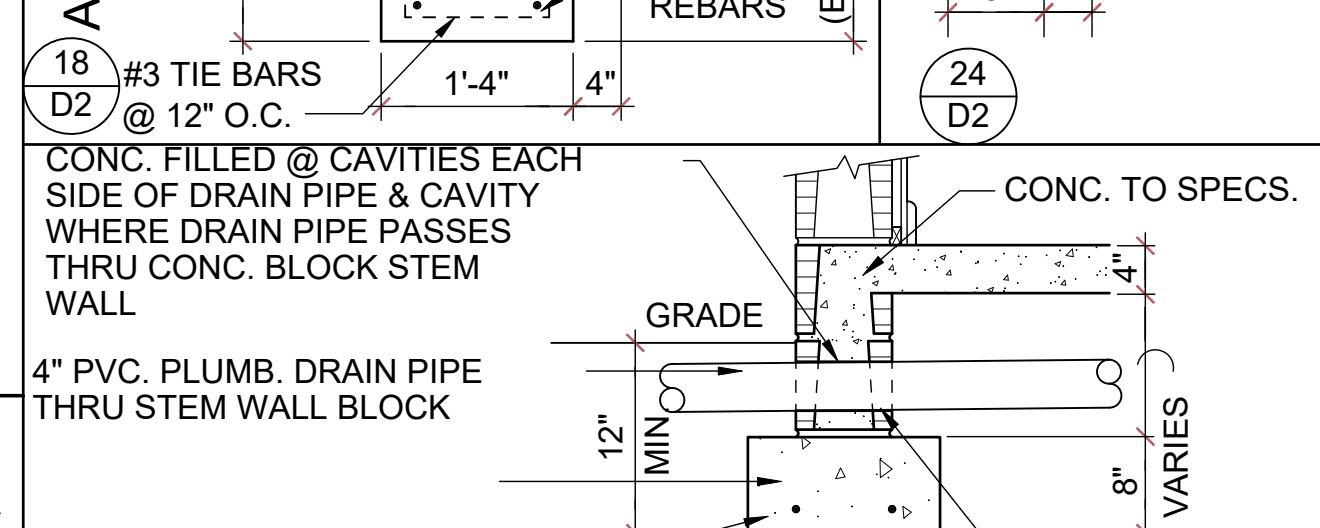
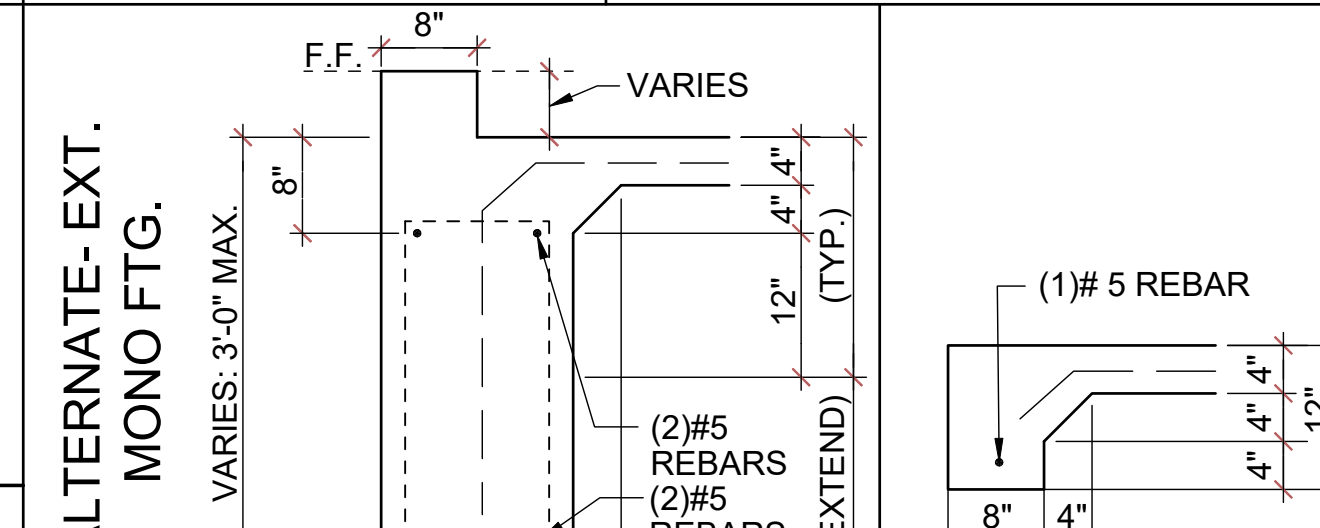
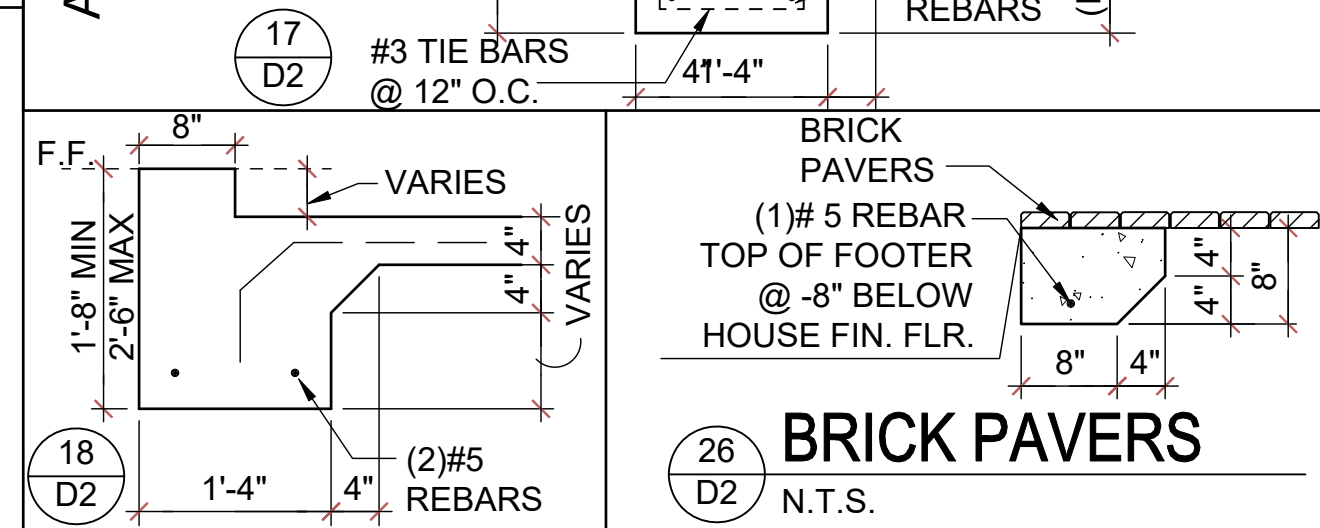
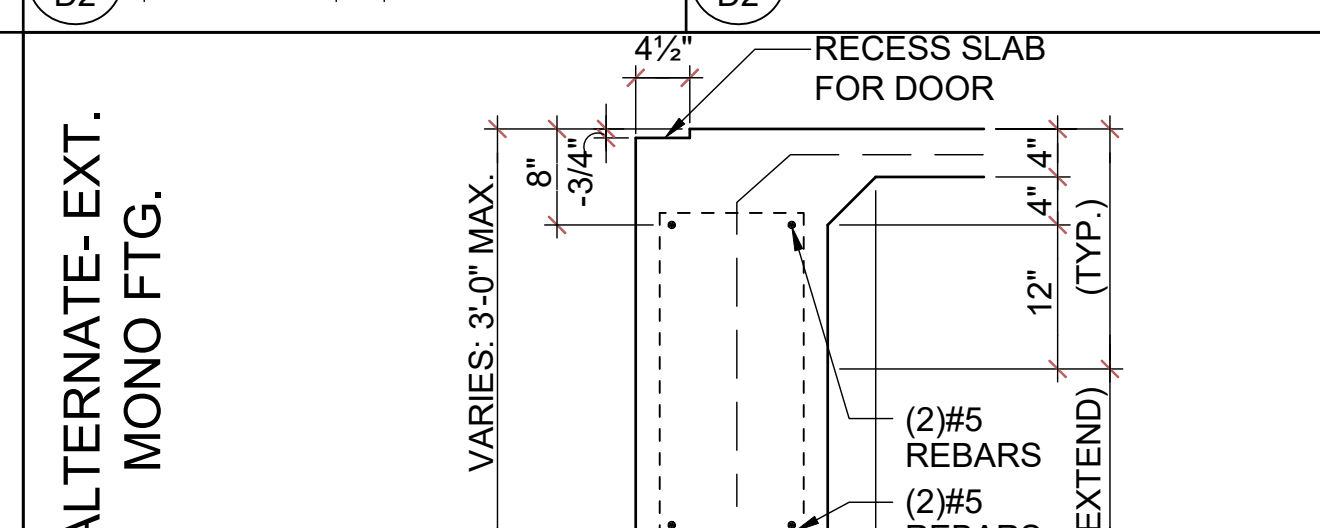
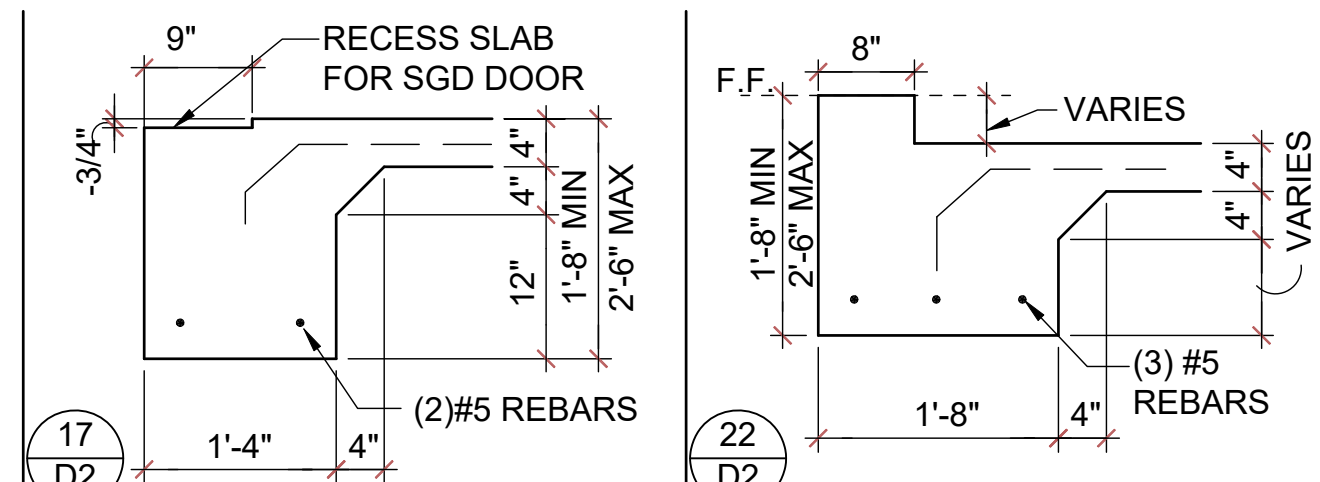
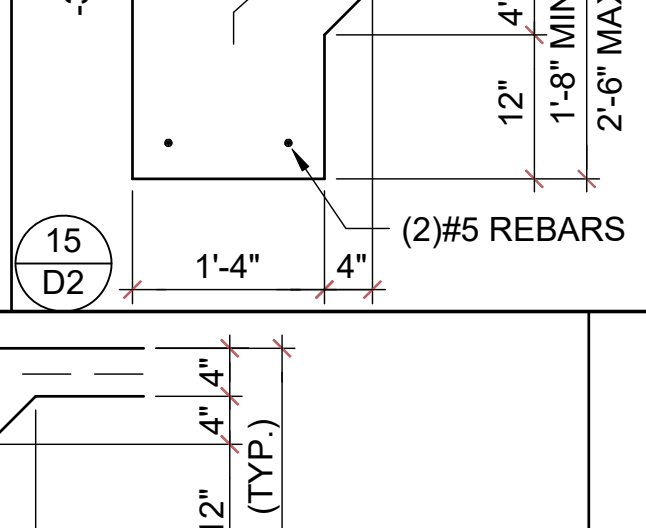
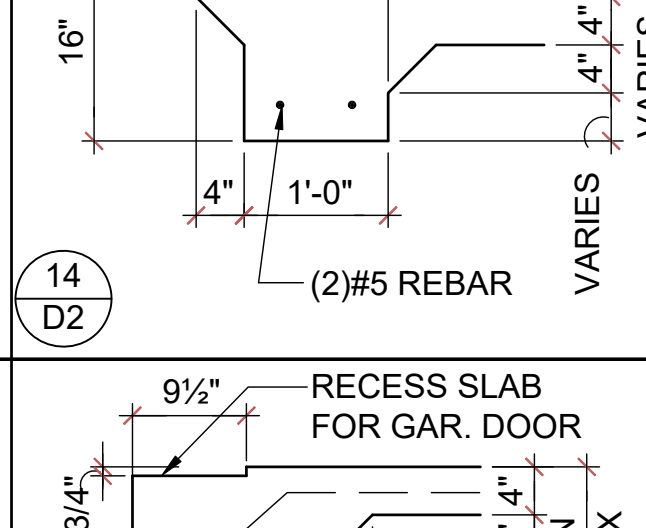
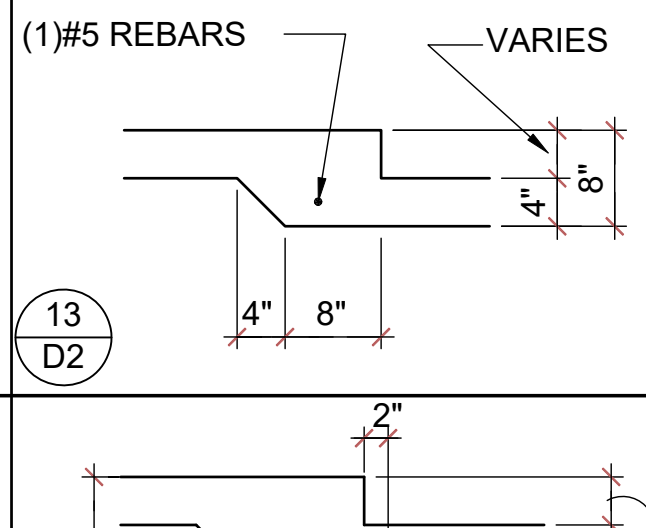
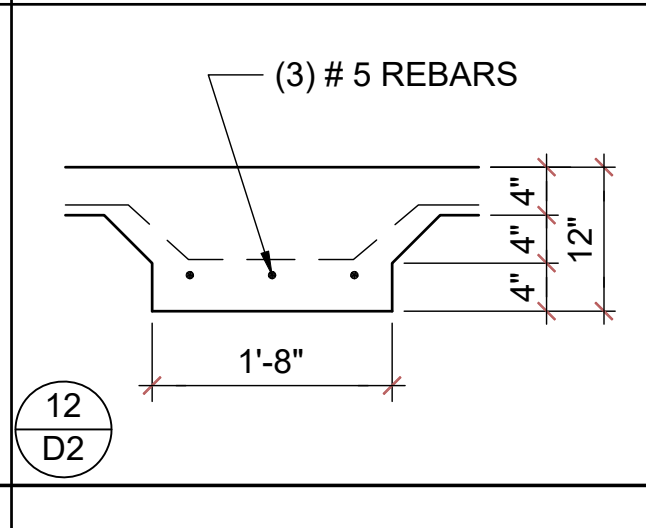
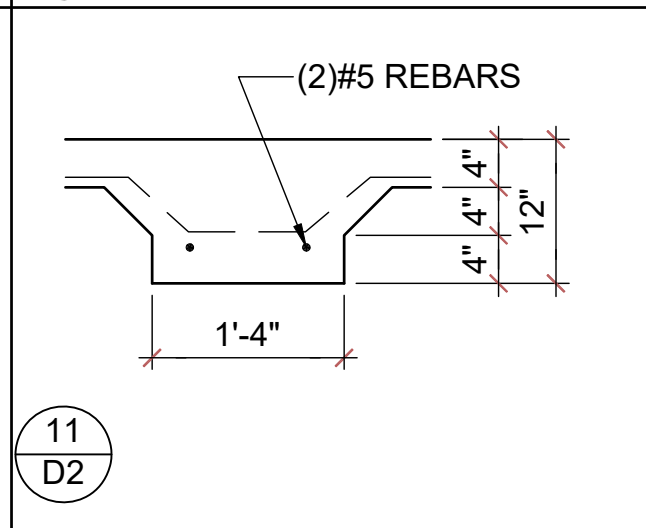
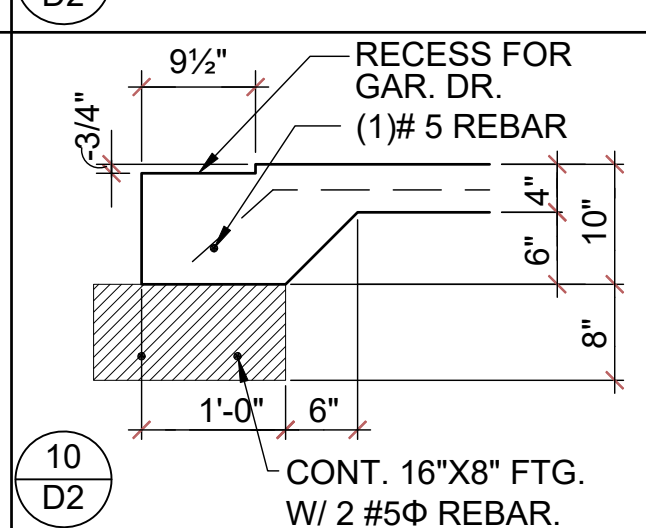
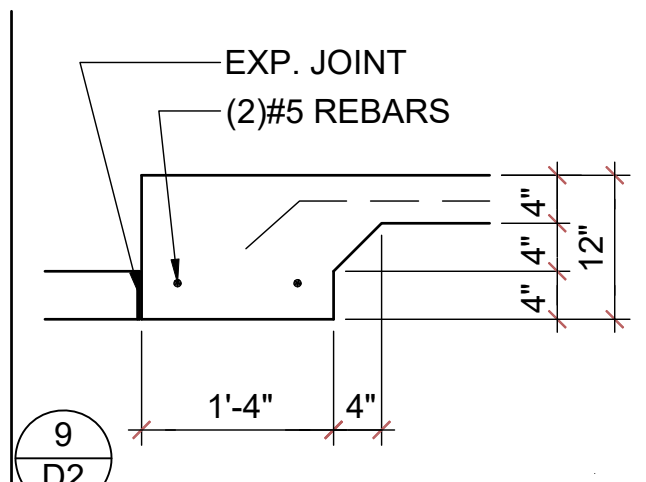
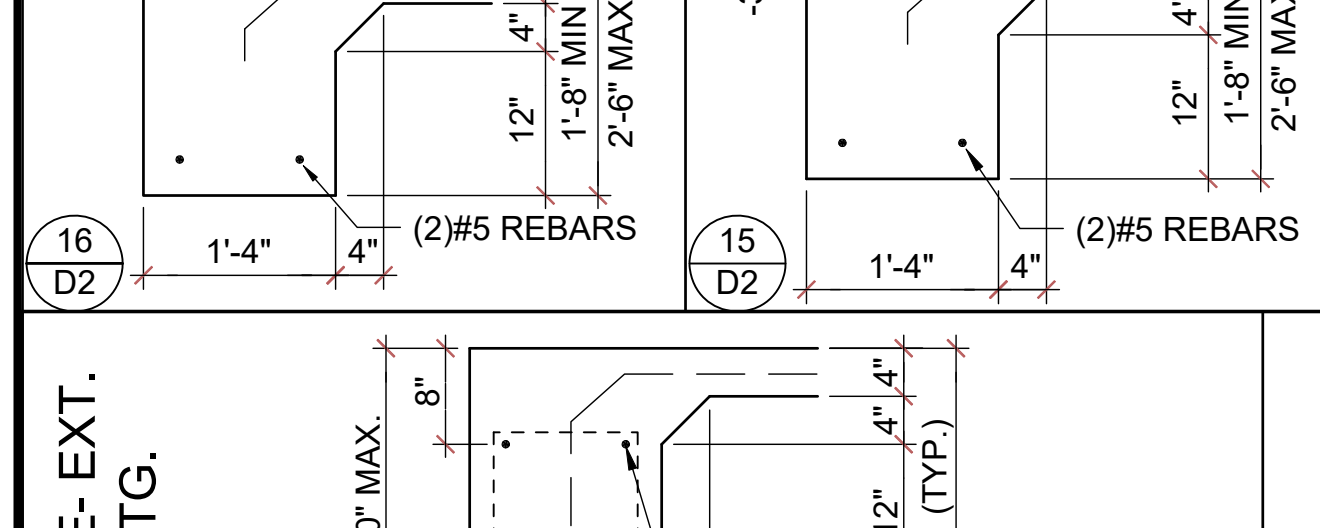
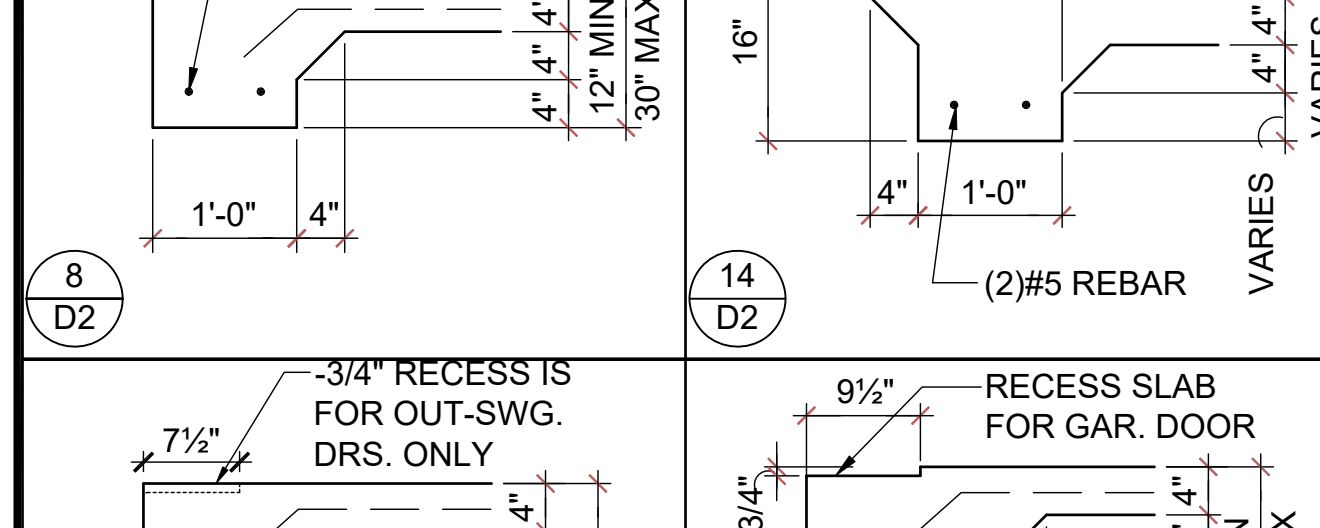
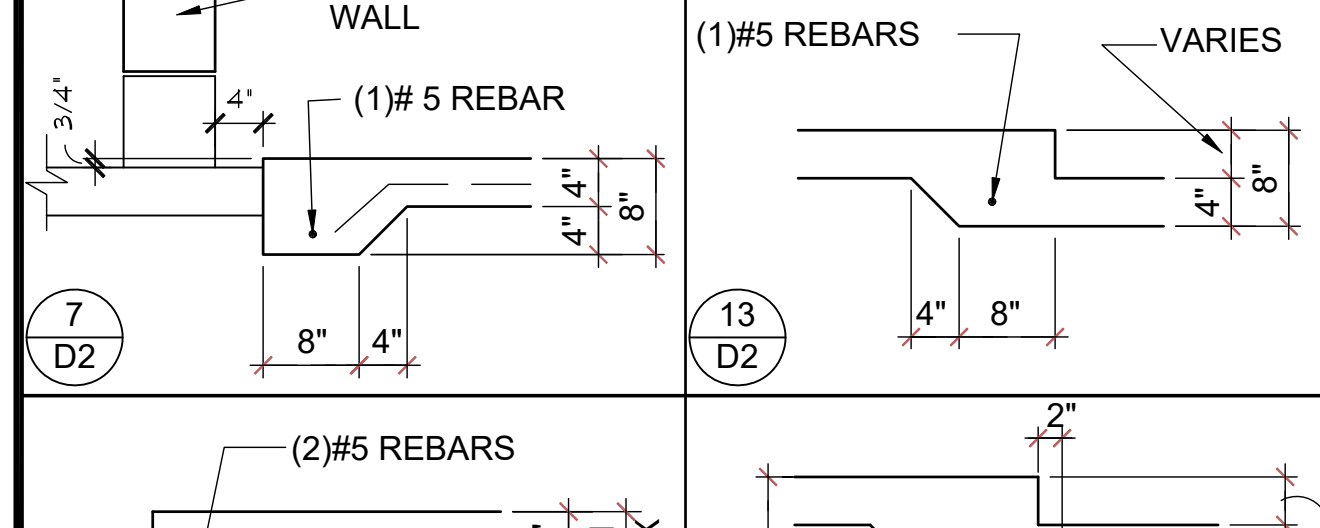
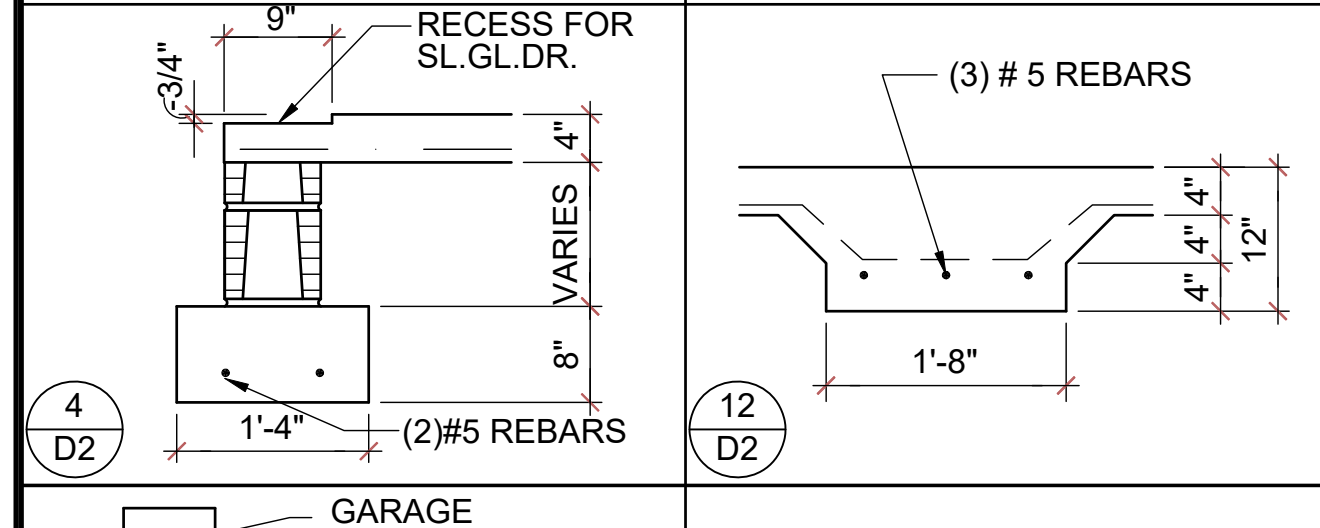
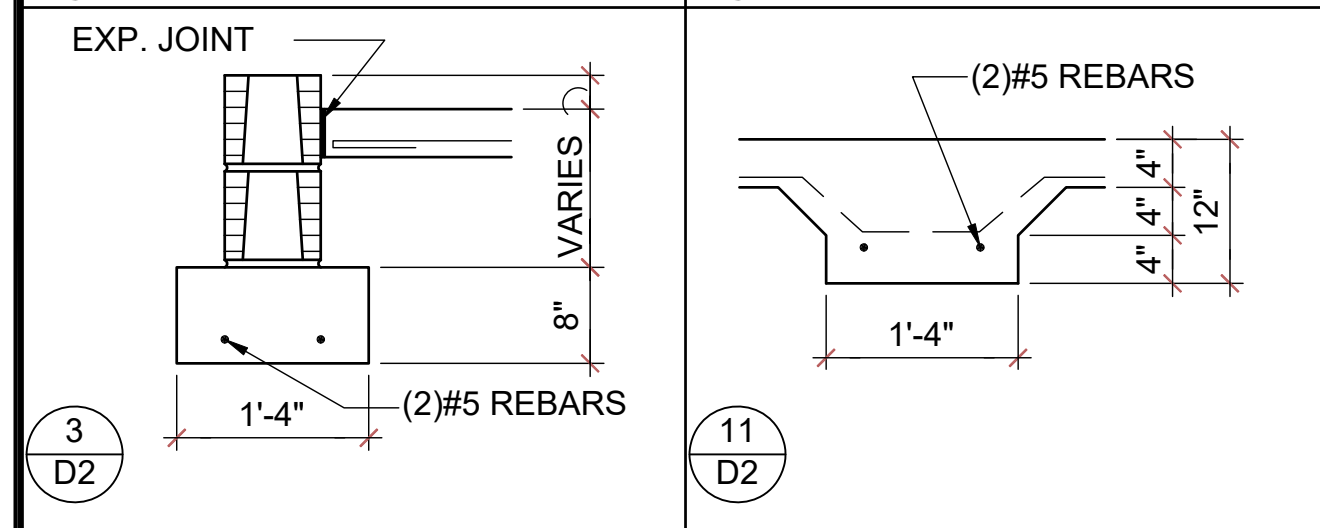
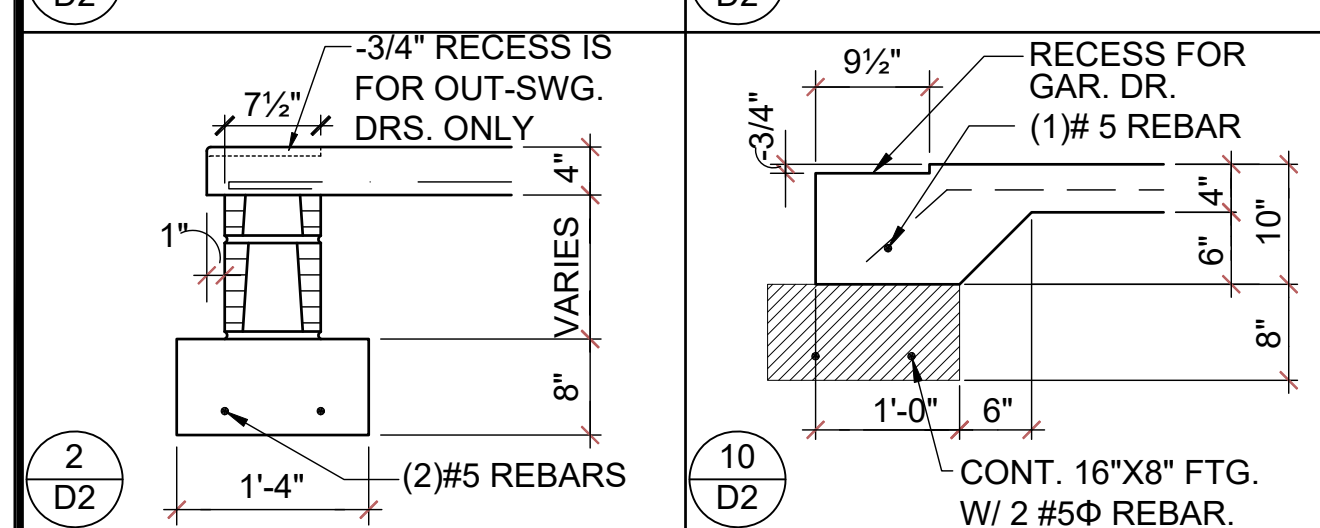
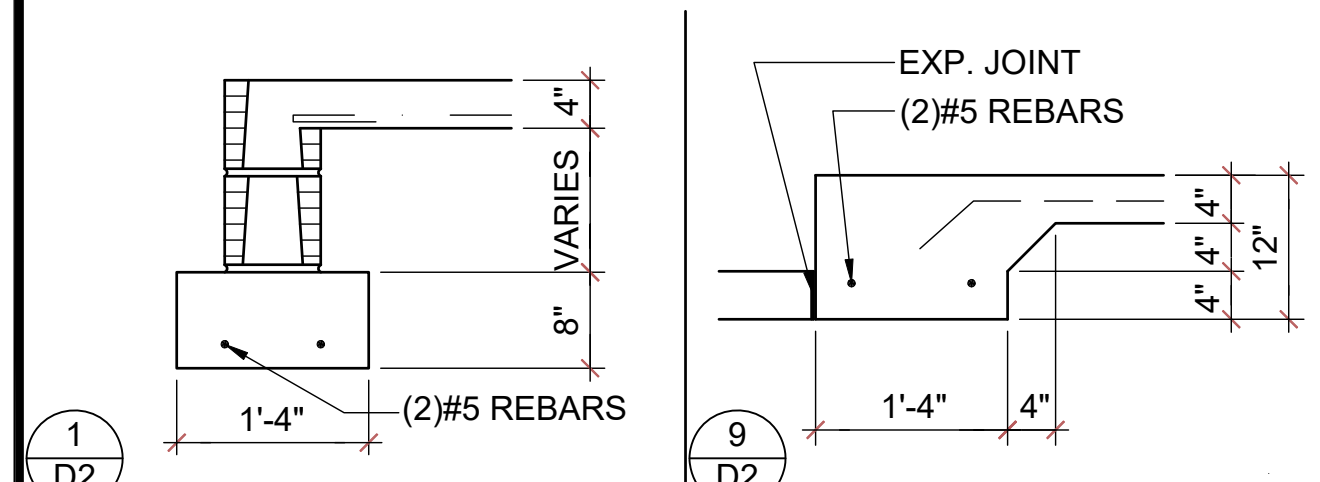
35-1771
DAYTONA
Lot # - Subdivision
Street Address
City, State, Zip

A division of Park Square
Enterprises Inc.
5200 Vineland Rd. Suite #200
Orlando, FL 32811
Phone: (407) 529-3000

Park Square HOMES

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PROJECT: 00-0000
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DRAWN BY: JML
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STRUCTURAL NOTES & DETAILS
SD.1



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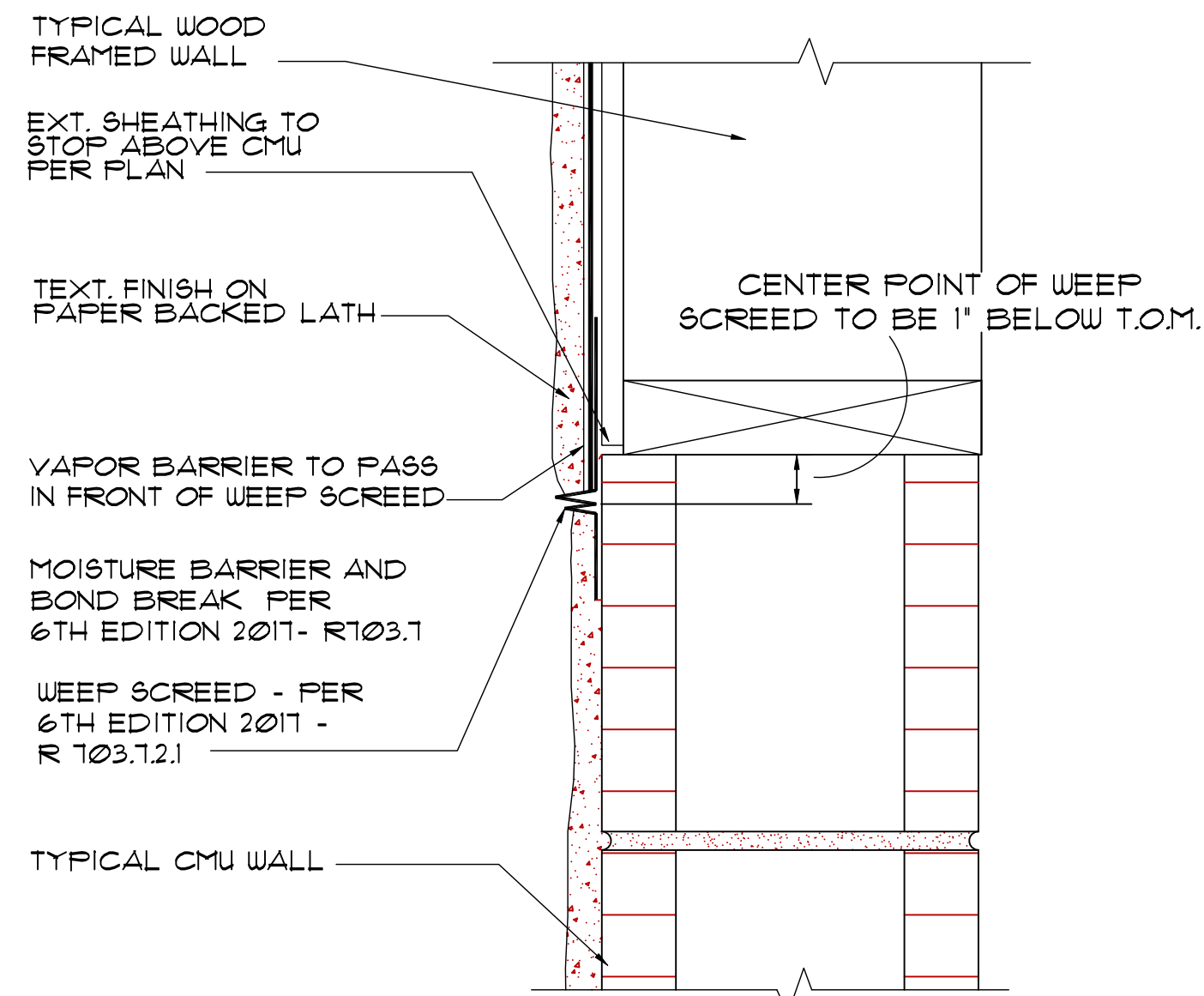
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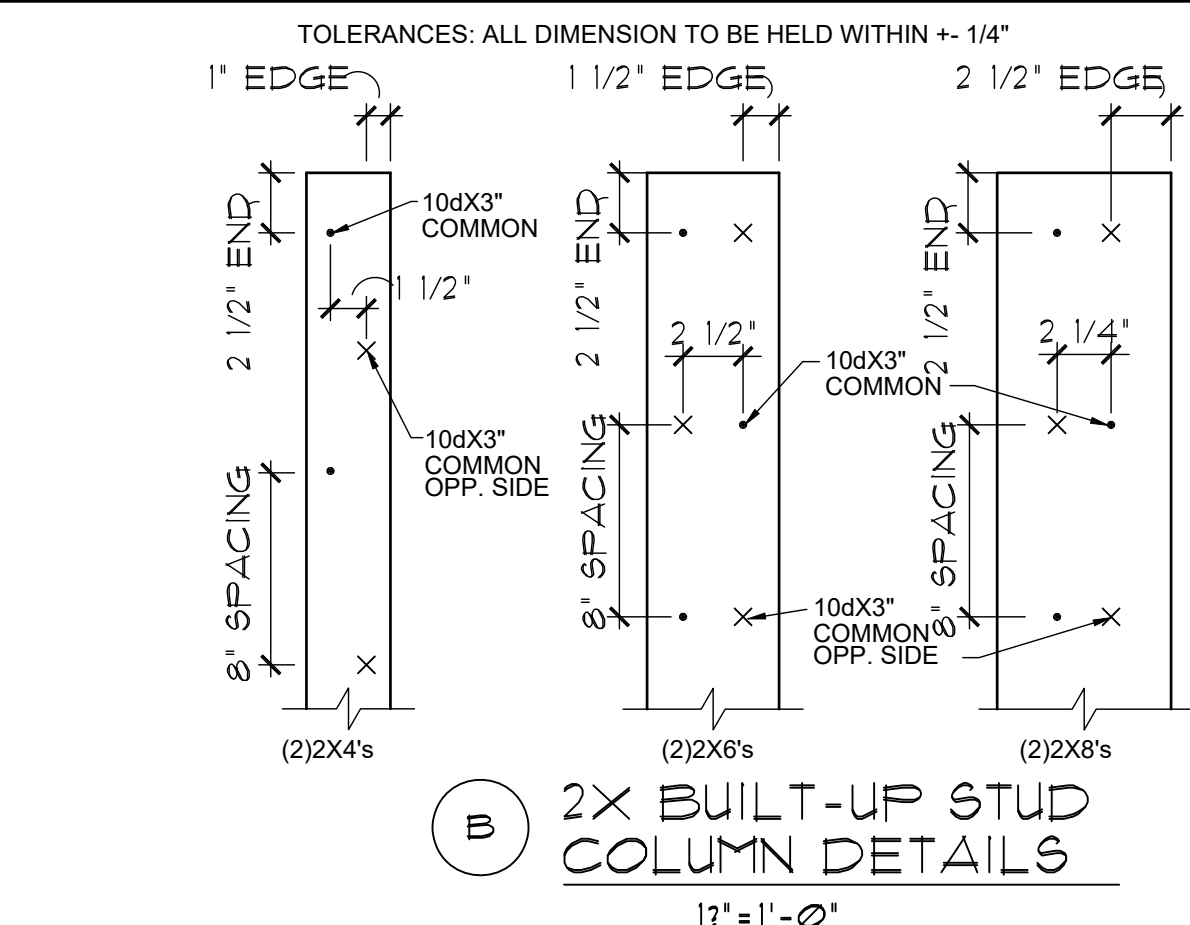
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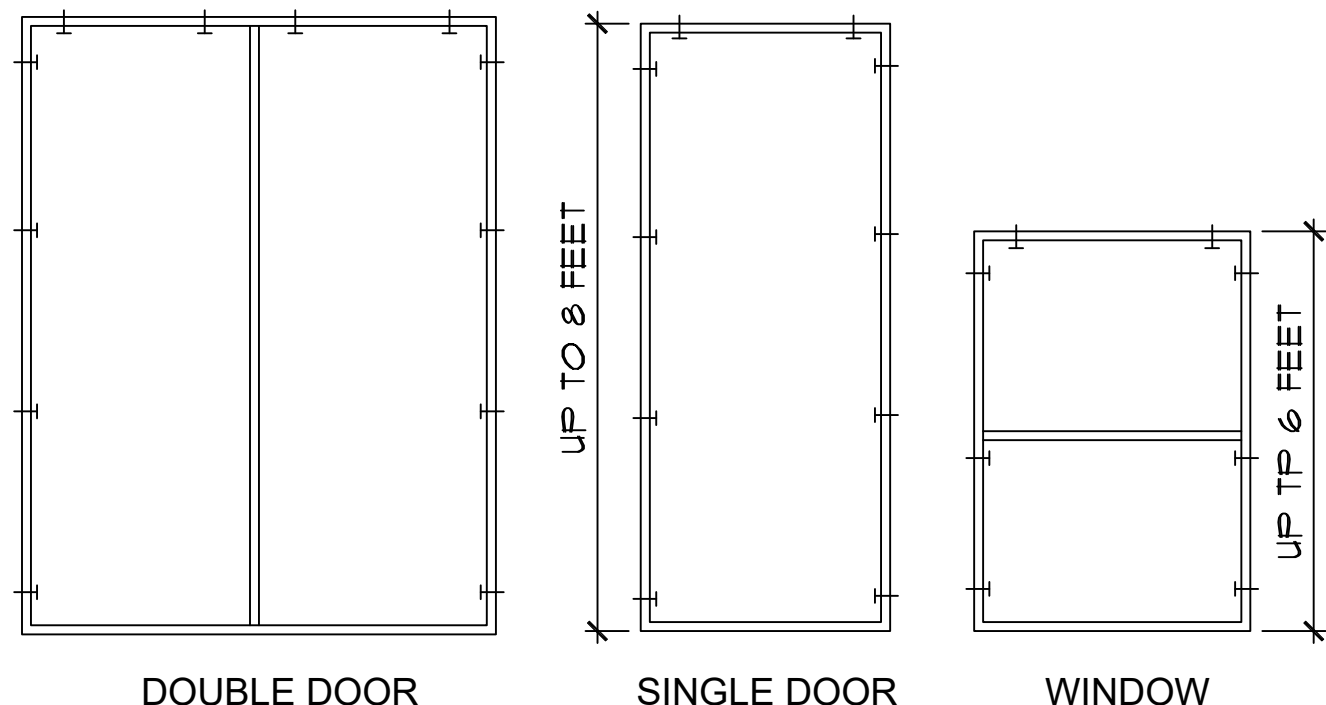
STRUCTURAL DETAILS
SD.2



FLASHING DETAIL



2X BUILT-UP STUD COLUMN DETAILS

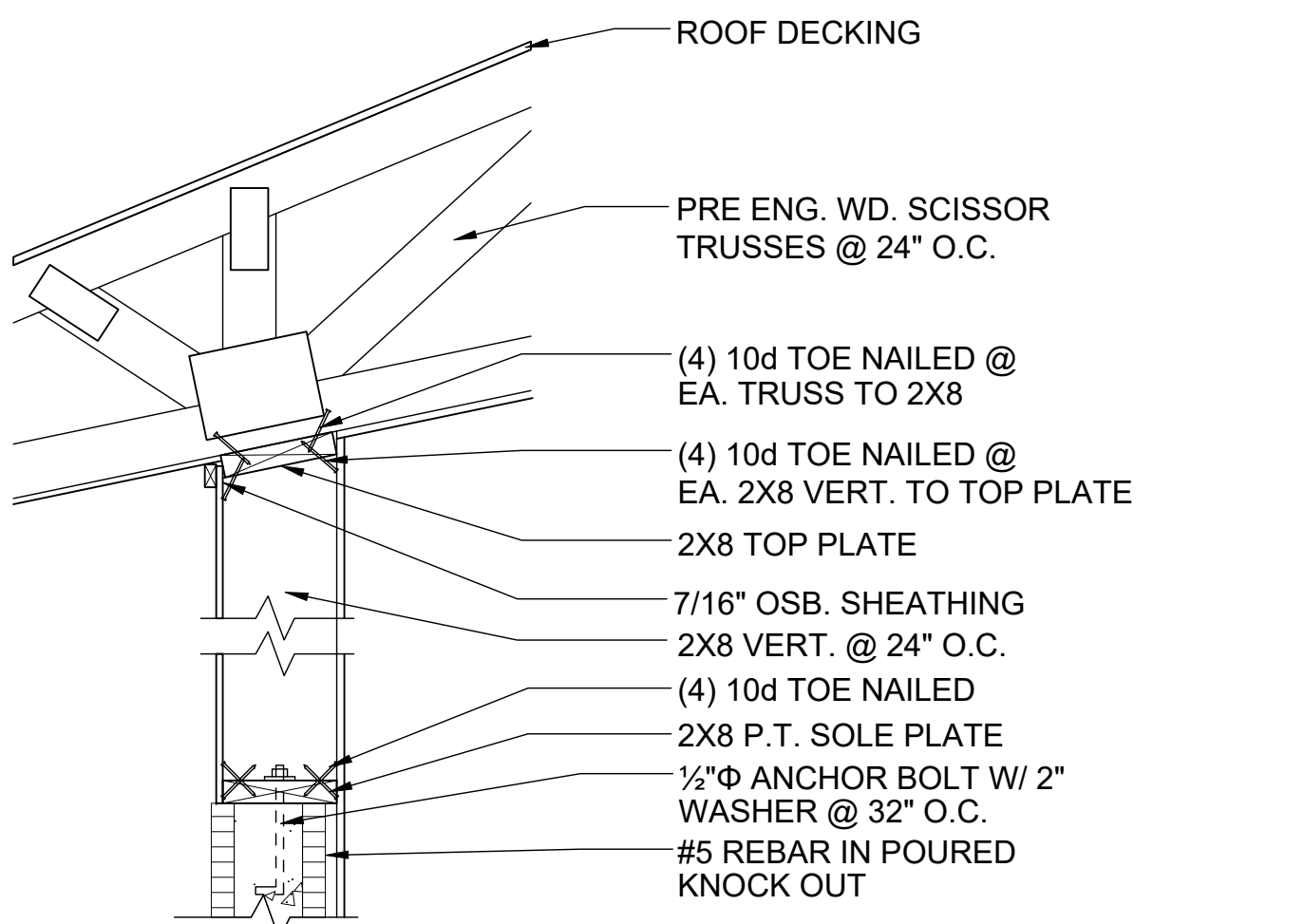


BUCK ATTACHMENT DATA

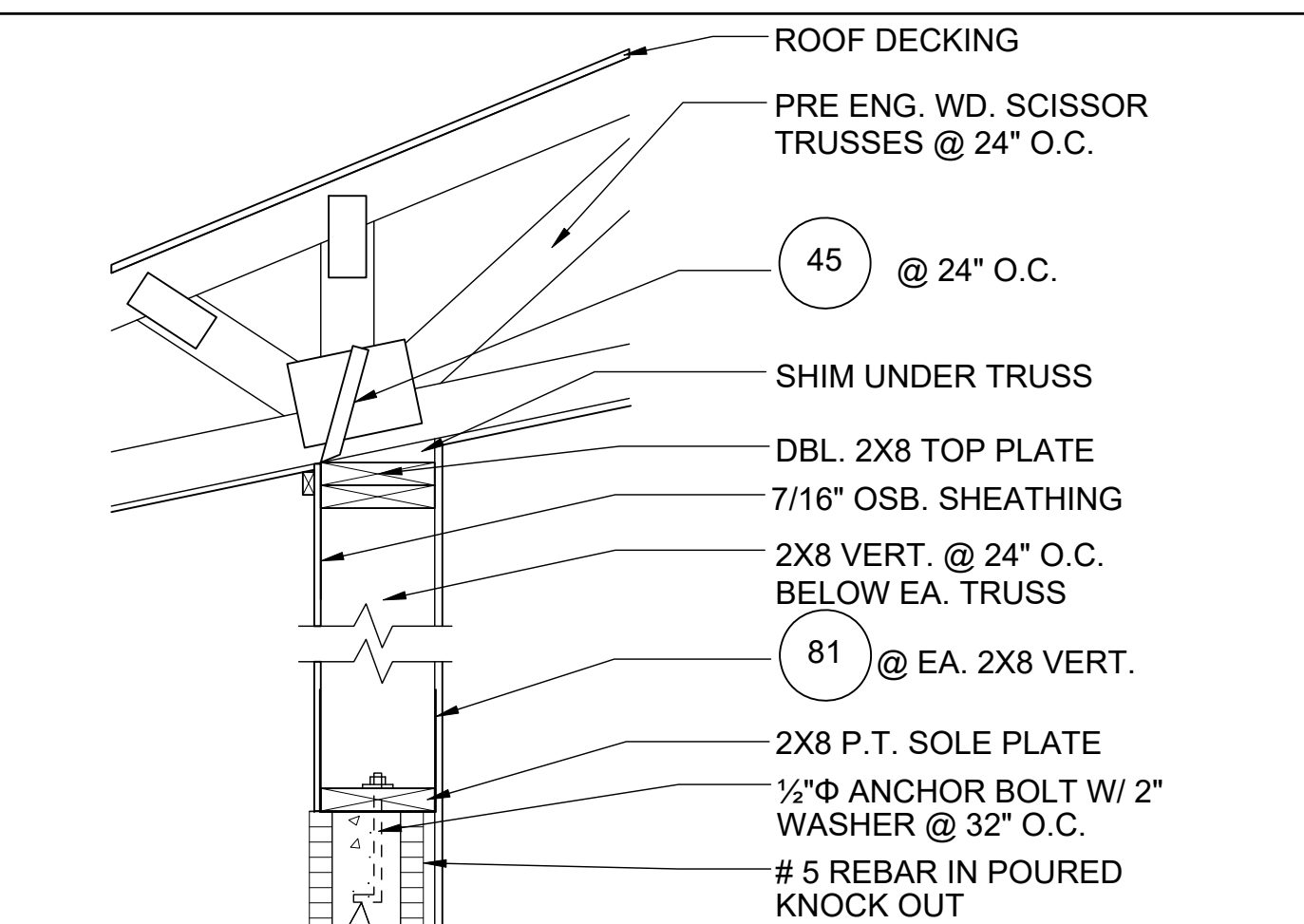
BUCKS SHALL BE 1x4 OR 2x8 PT AT WINDOWS OR 2x8 PT AT DOORS IN PINE OR SPRUCE. AT WINDOWS ATTACH BUCKS TO BLOCK WITH COMMON T-NAILS AND PLACEMENT SIMILAR TO TAPCONS SHOWN. AT DOORS OR FIN WINDOWS IN BLOCK, ATTACH BUCKS w/ 2 T-NAILS TOP AND BOTTOM AND 8" O.C. STAGGERED IN THE FIELD.

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

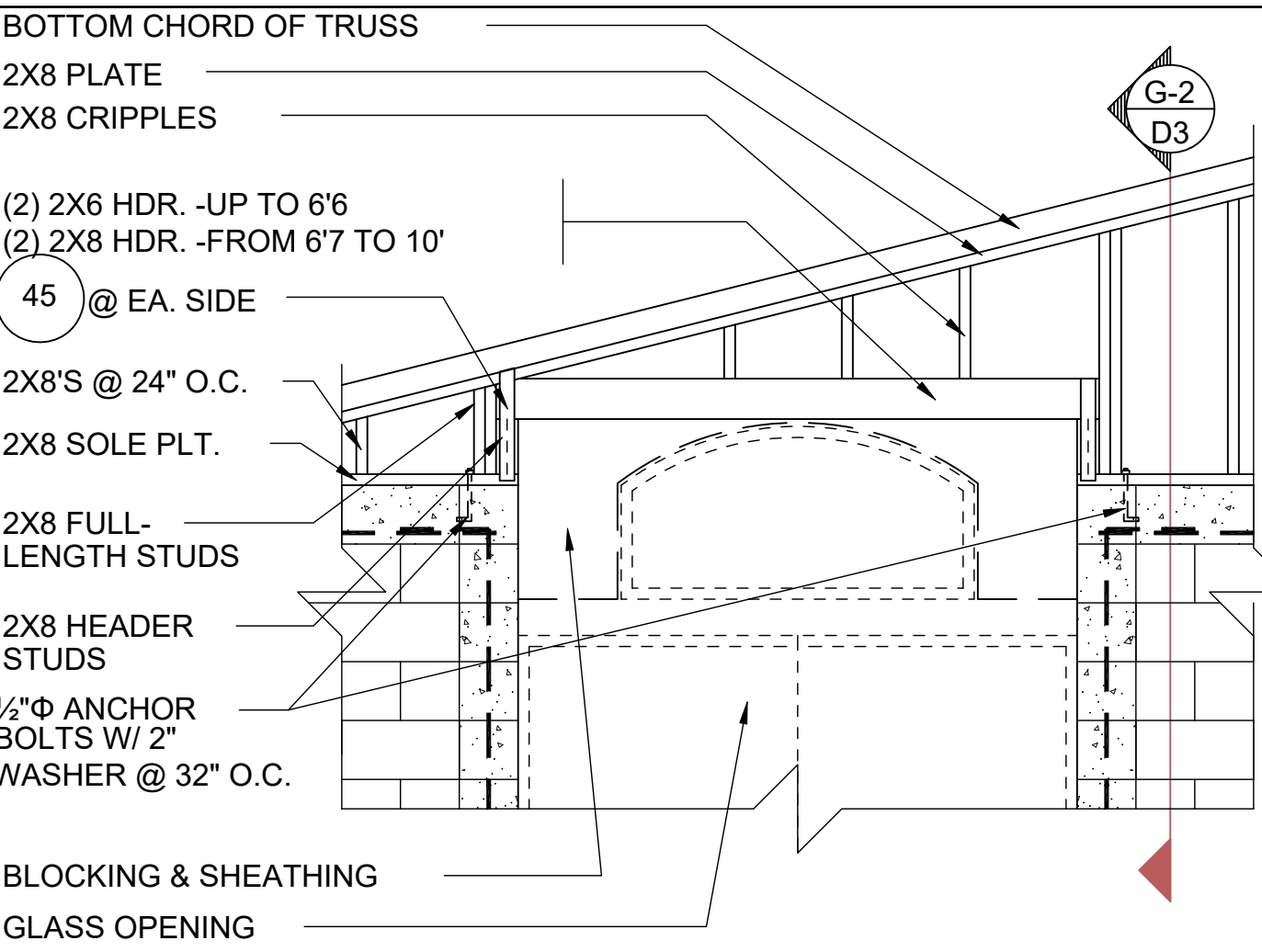
NOTE
IN CASE OF BLOCK OPENINGS LARGER THAN DOOR FRAMING: ATTACH ADDITIONAL 2X FRAMING TO THE BLOCK WALL USING 1/4" x 4" TAPCONS AT 3" FROM END AND 12" O.C. IN THE CENTER. ATTACH TOP FRAMING TO HEADER USING 1/4"x1-3/4" TAPCONS W/ (1) 6" FROM END TO END AND 12" O.C. IN THE CENTER.



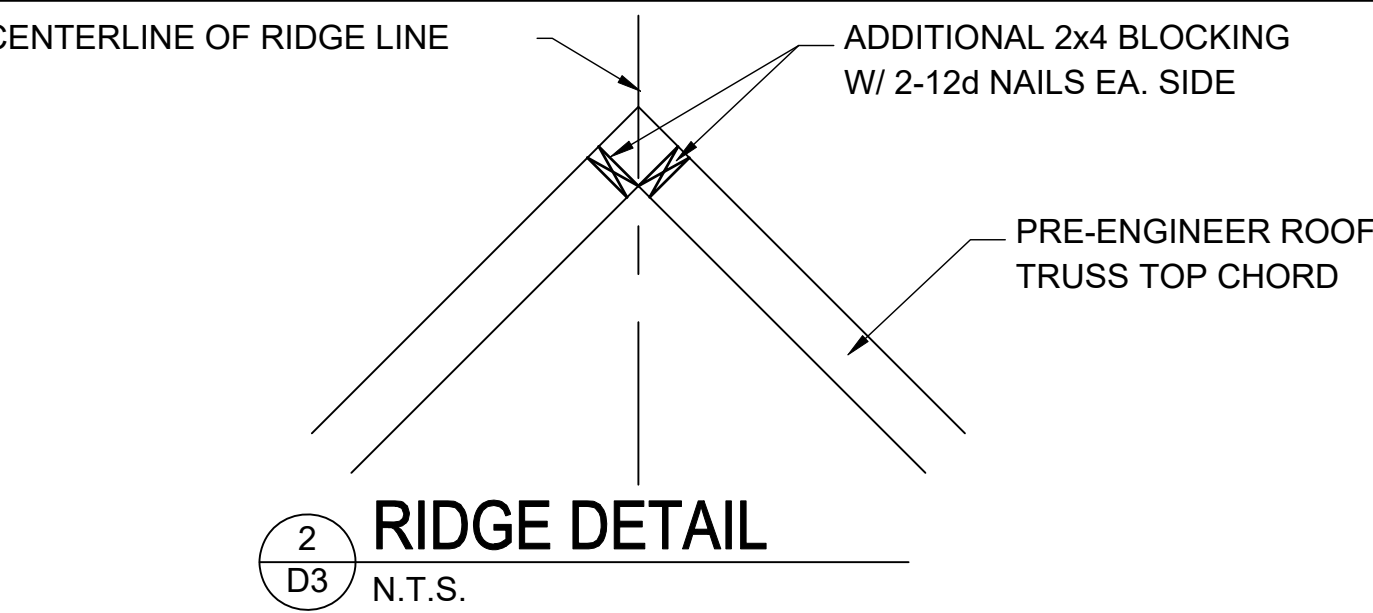
NON-BEARING



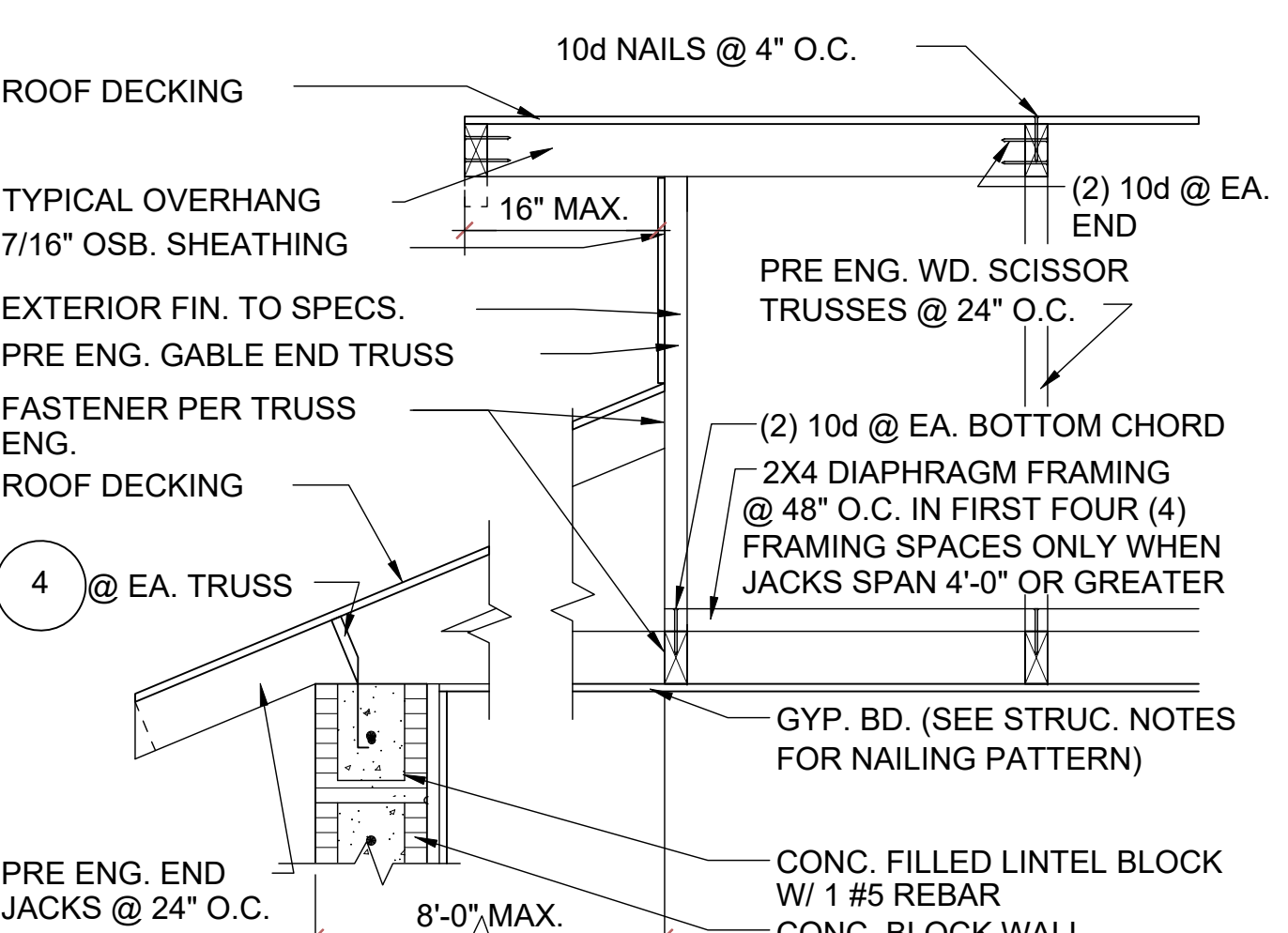
BEARING



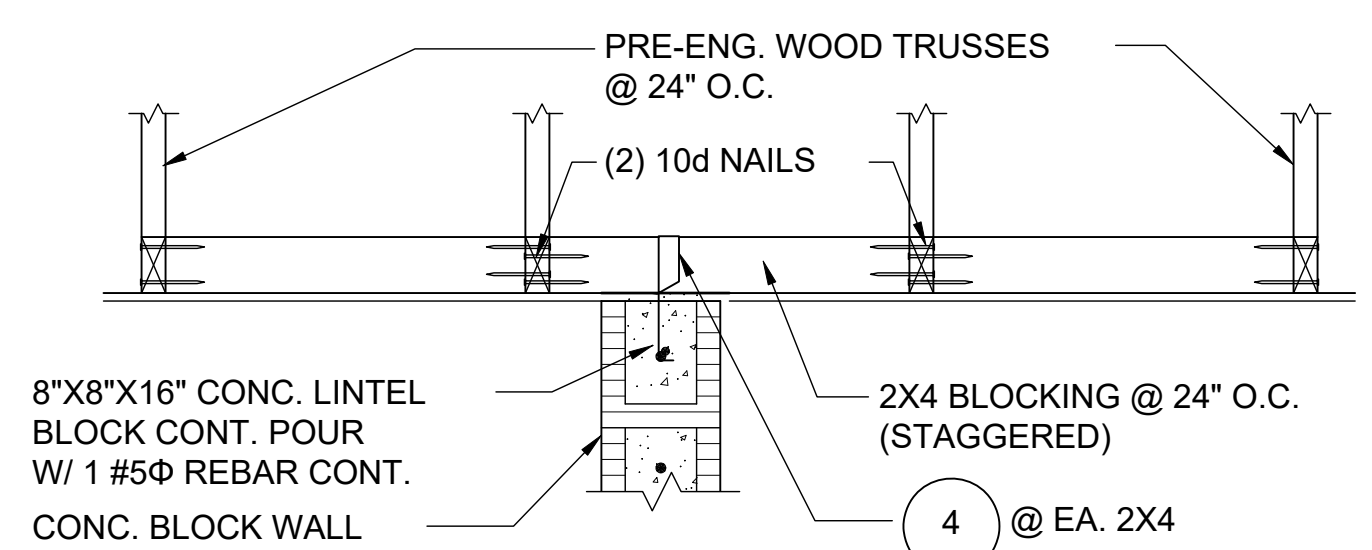
GABLE END



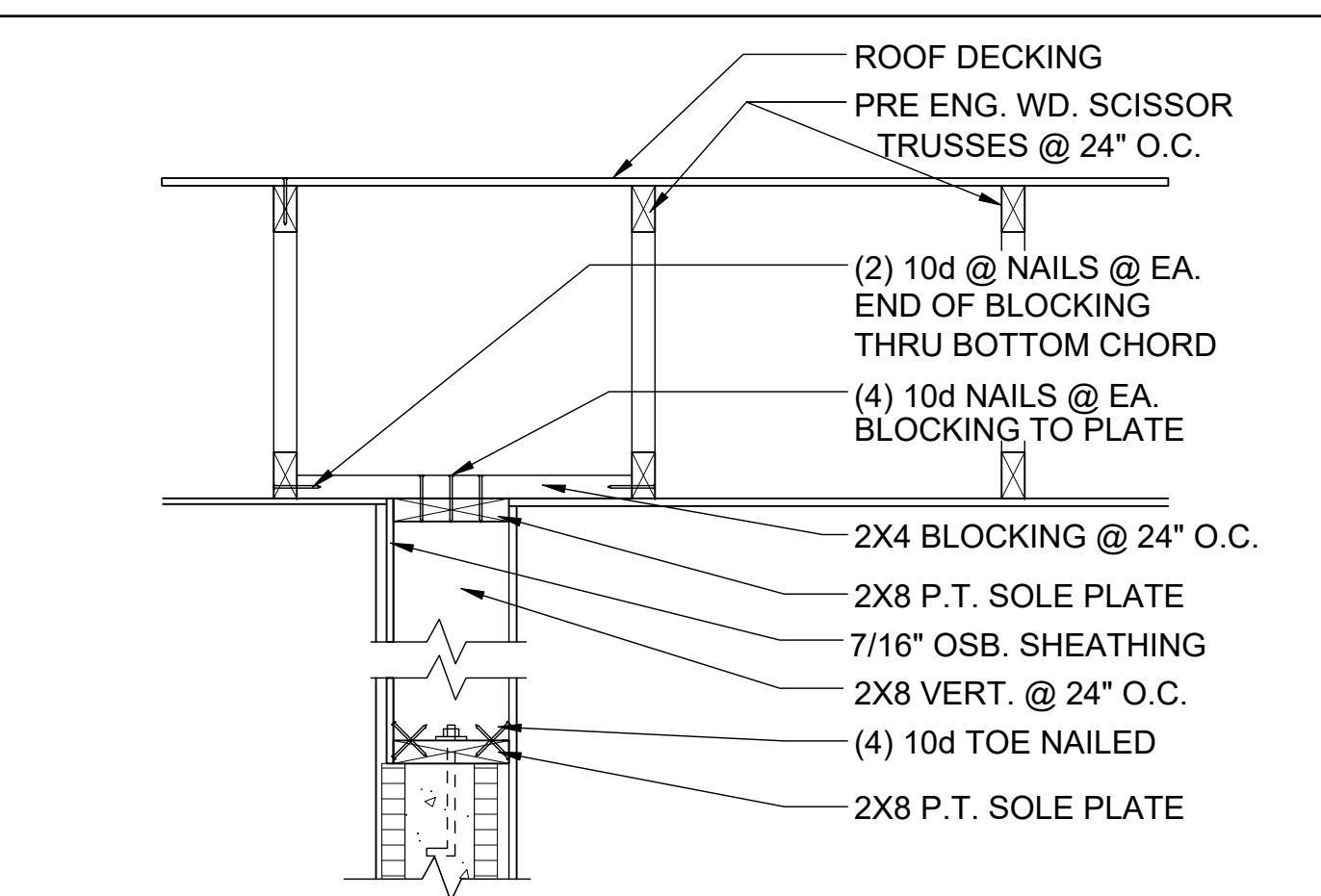
RIDGE DETAIL



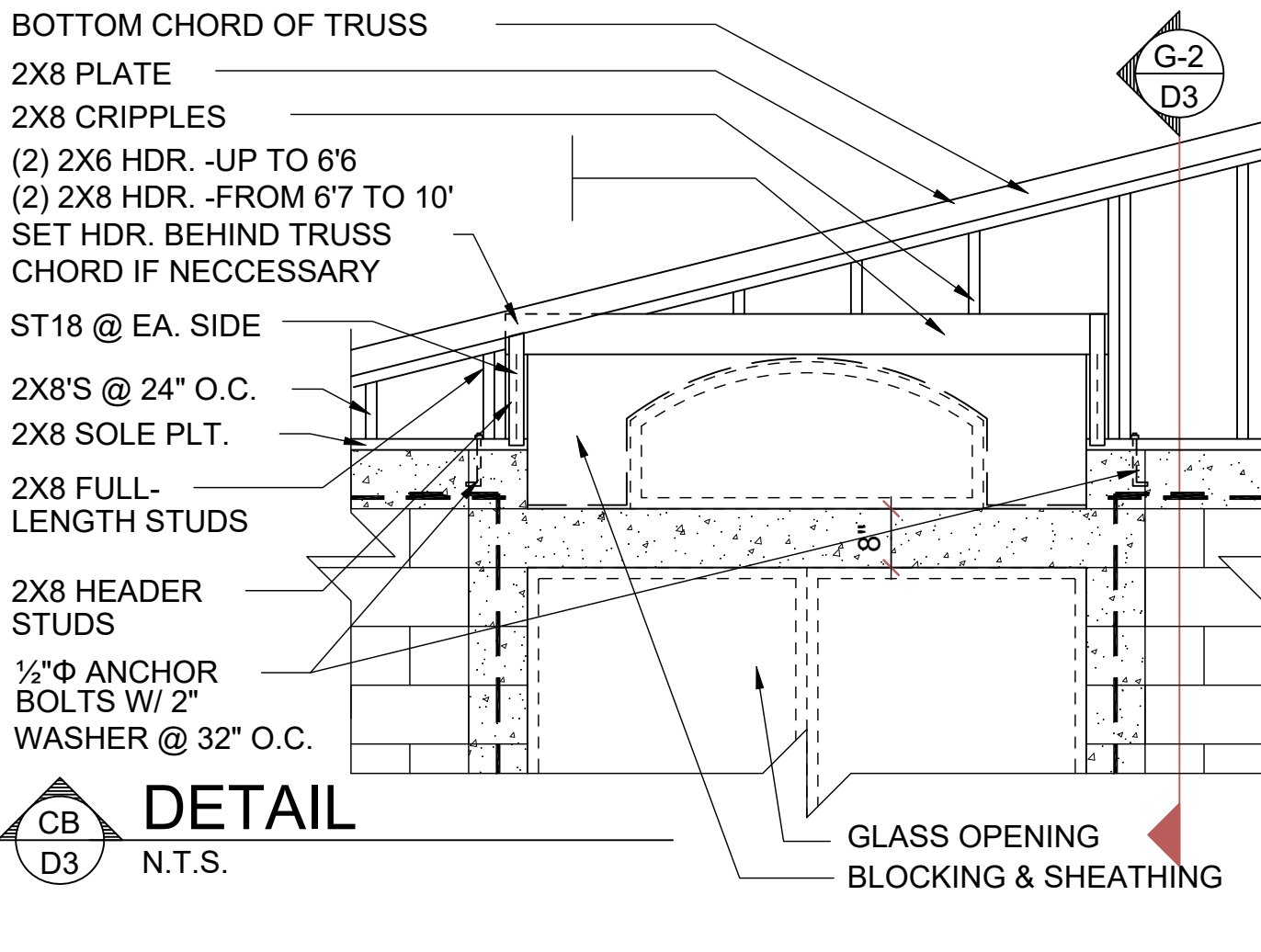
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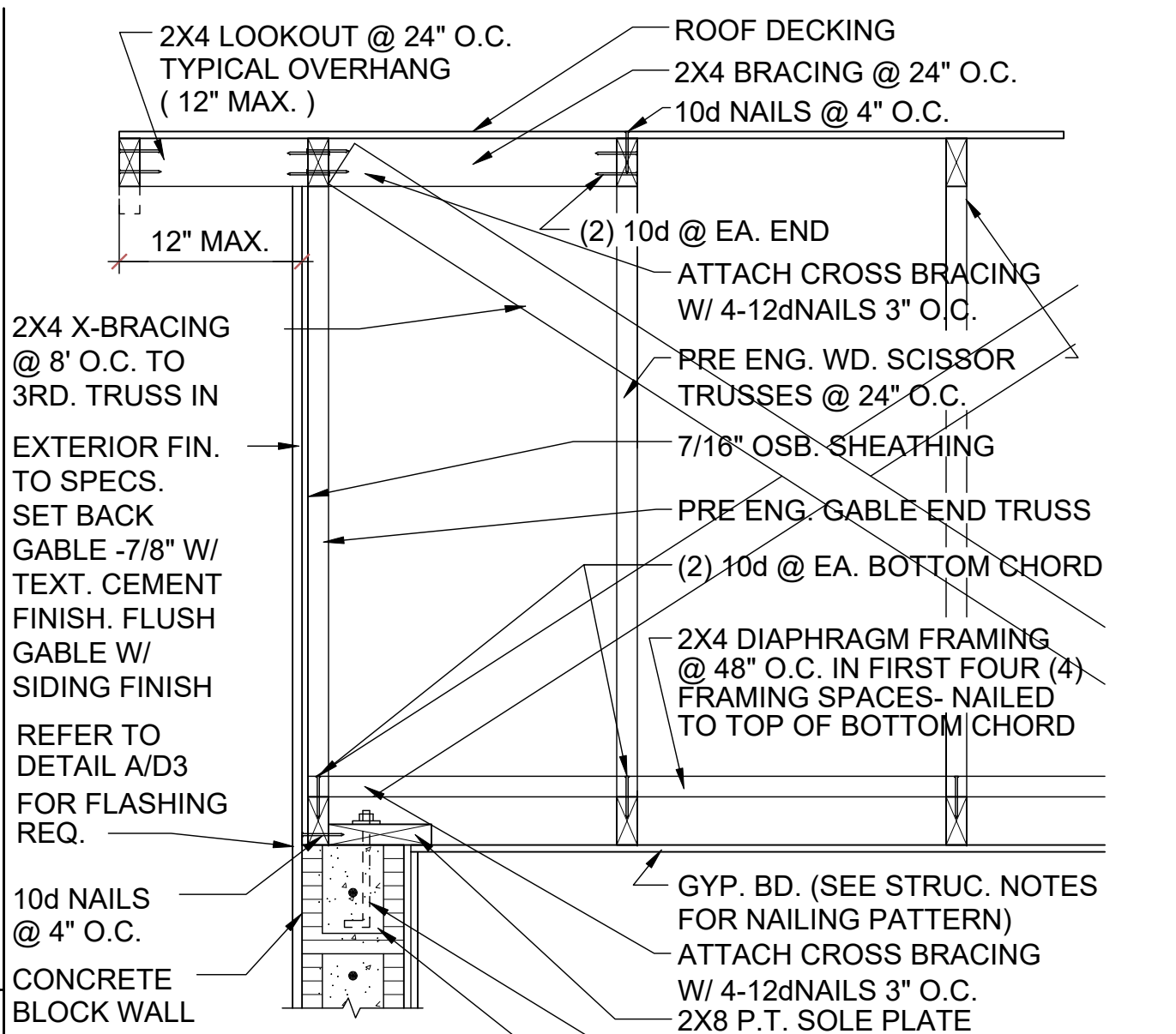
DETAIL



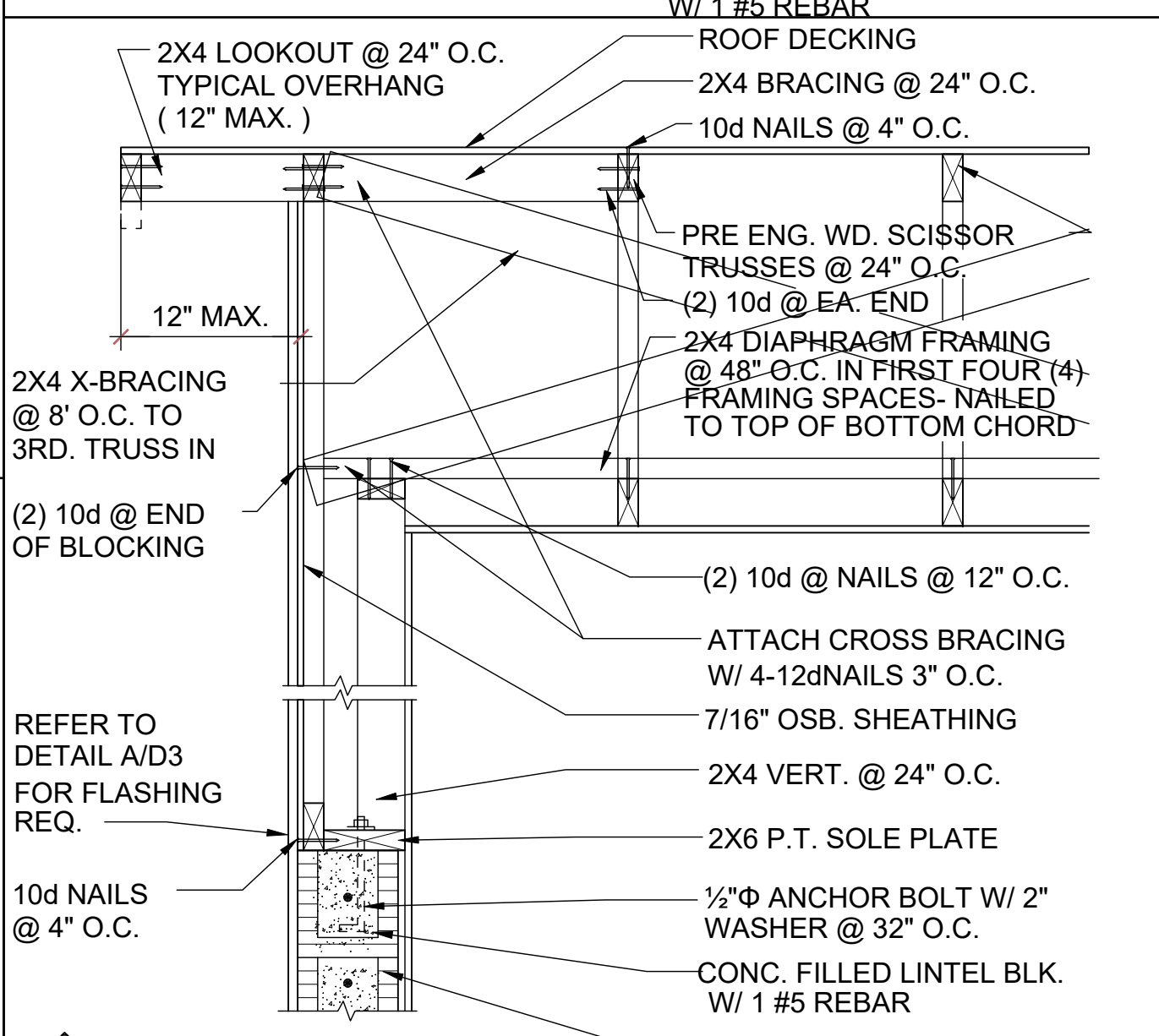
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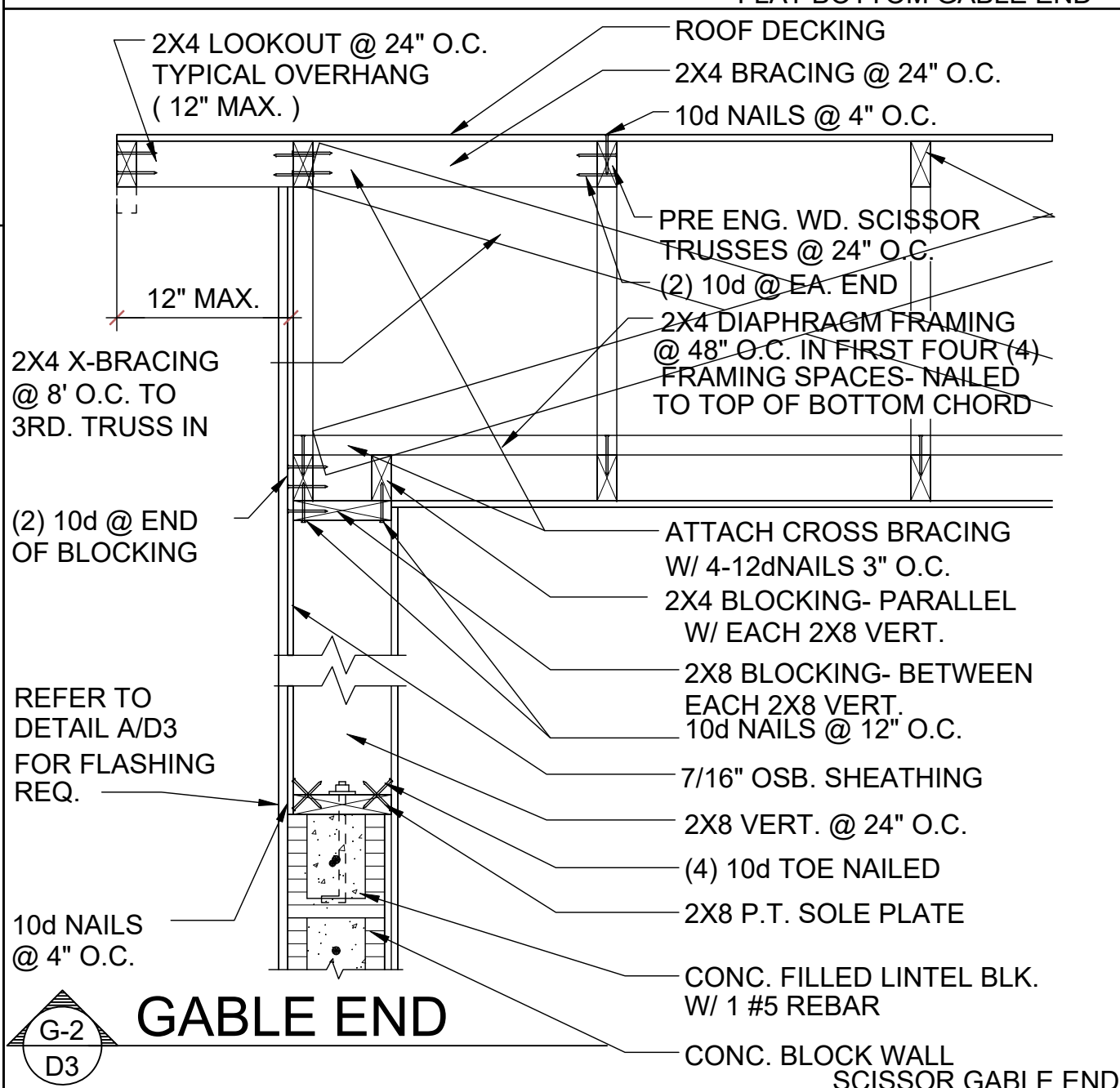
DETAIL



GABLE END



GABLE END



GABLE END

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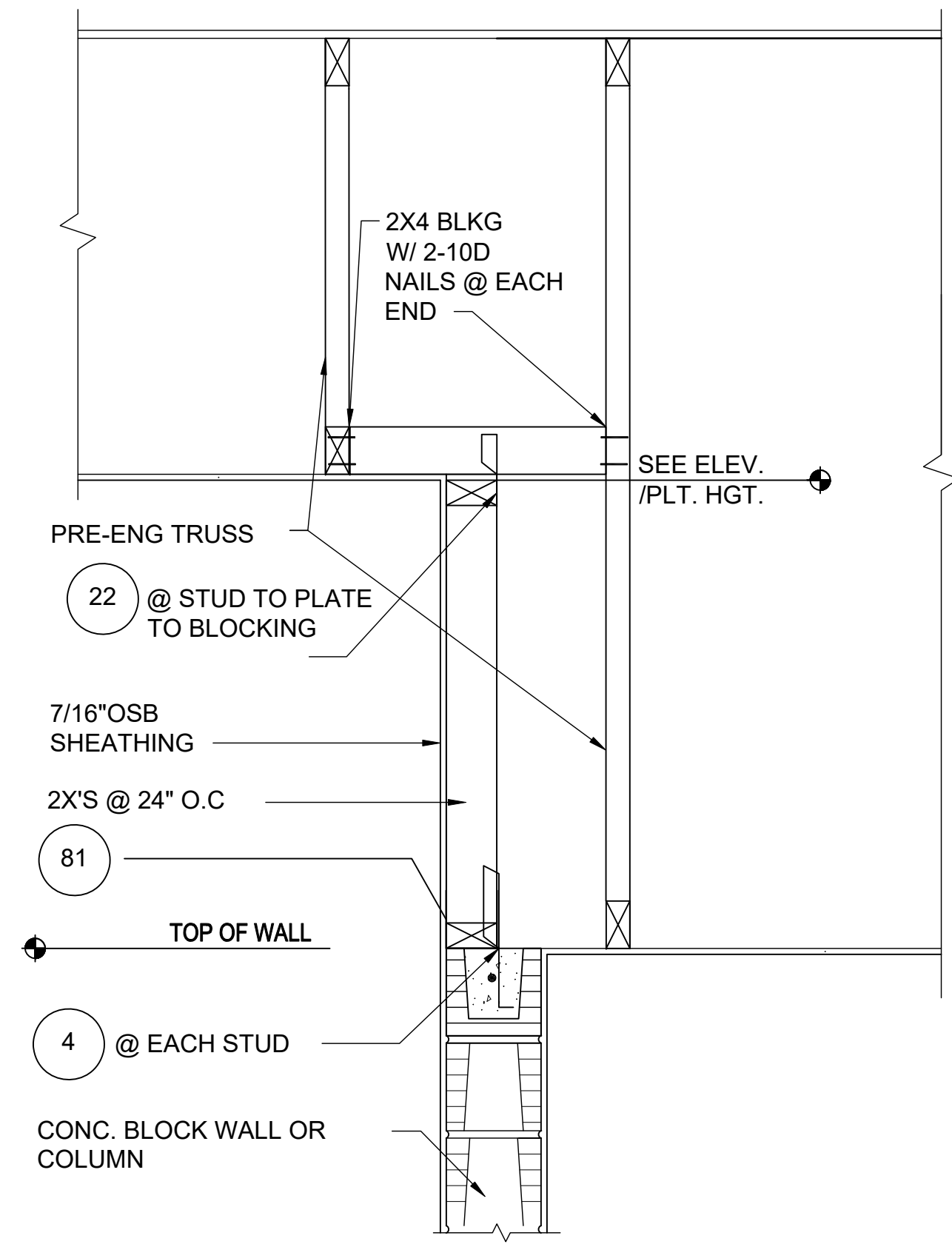
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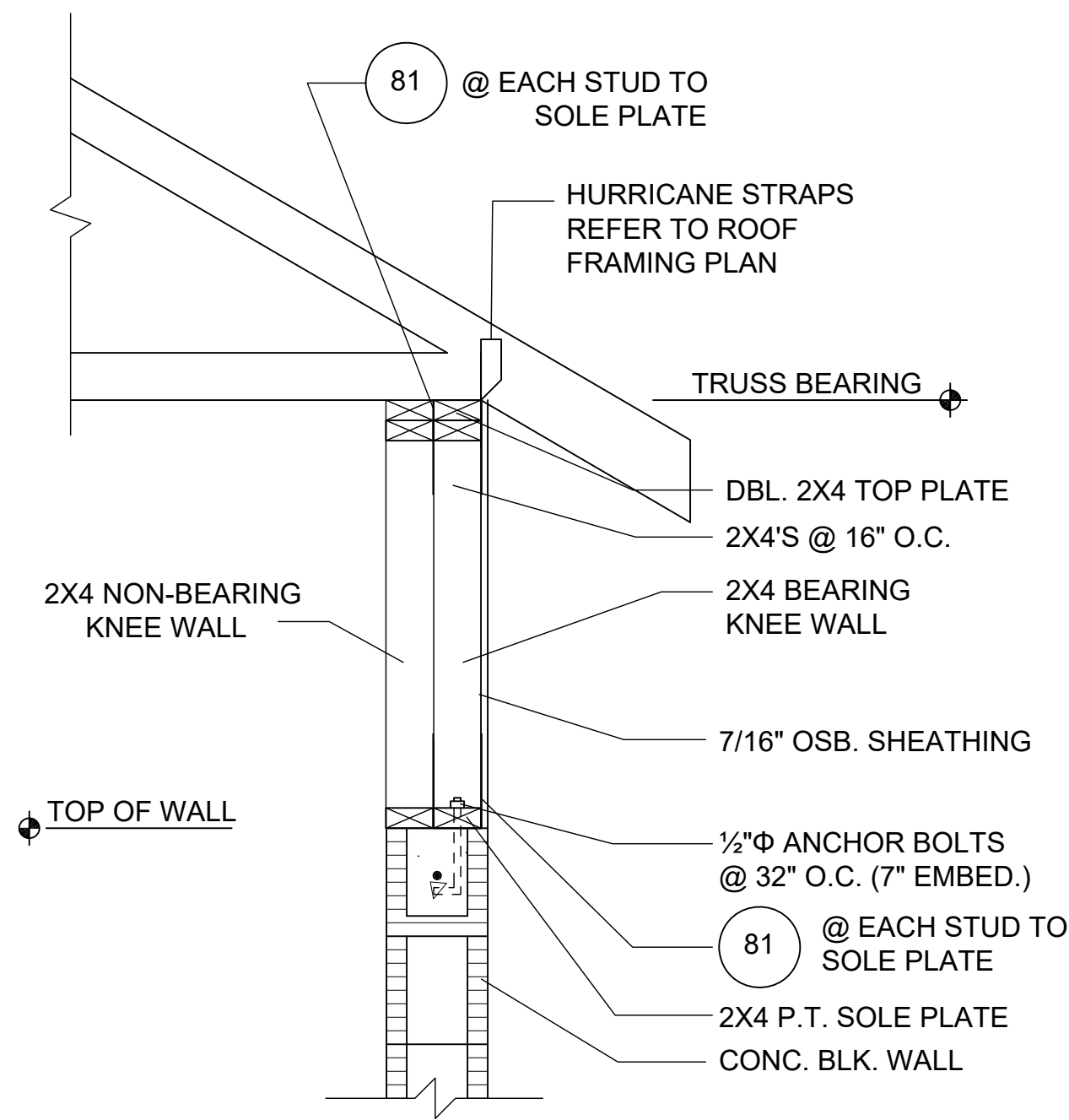
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STRUCTURAL DETAILS
SD.3

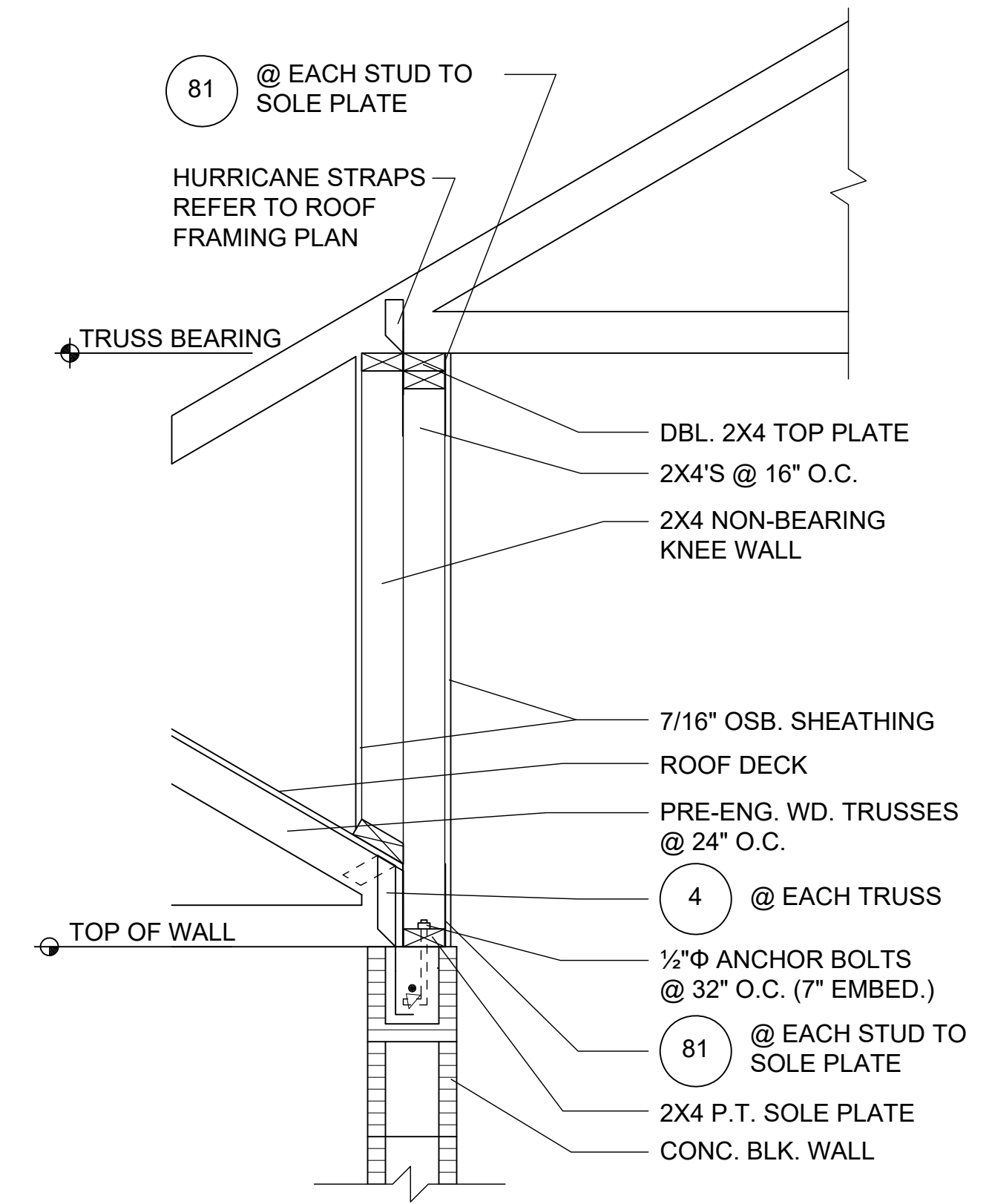


1 DETAIL
D4 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)

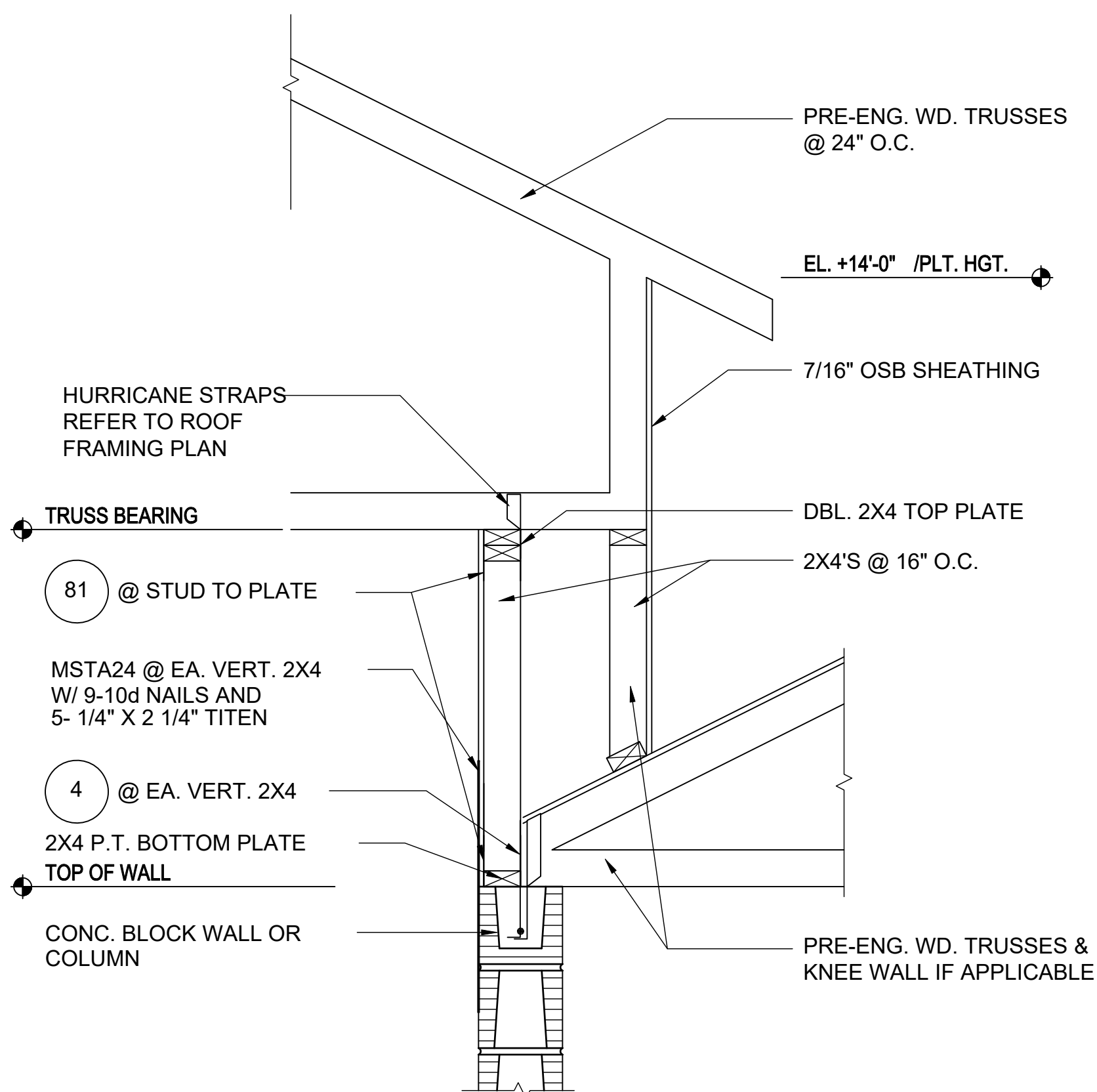
○ - INDICATES TRUSS CONNECTOR. GO TO CONNECTOR SCHEDULE ON ROOF FRAMING PLAN FOR CONNECTOR NAME AND SPECIFICATION.



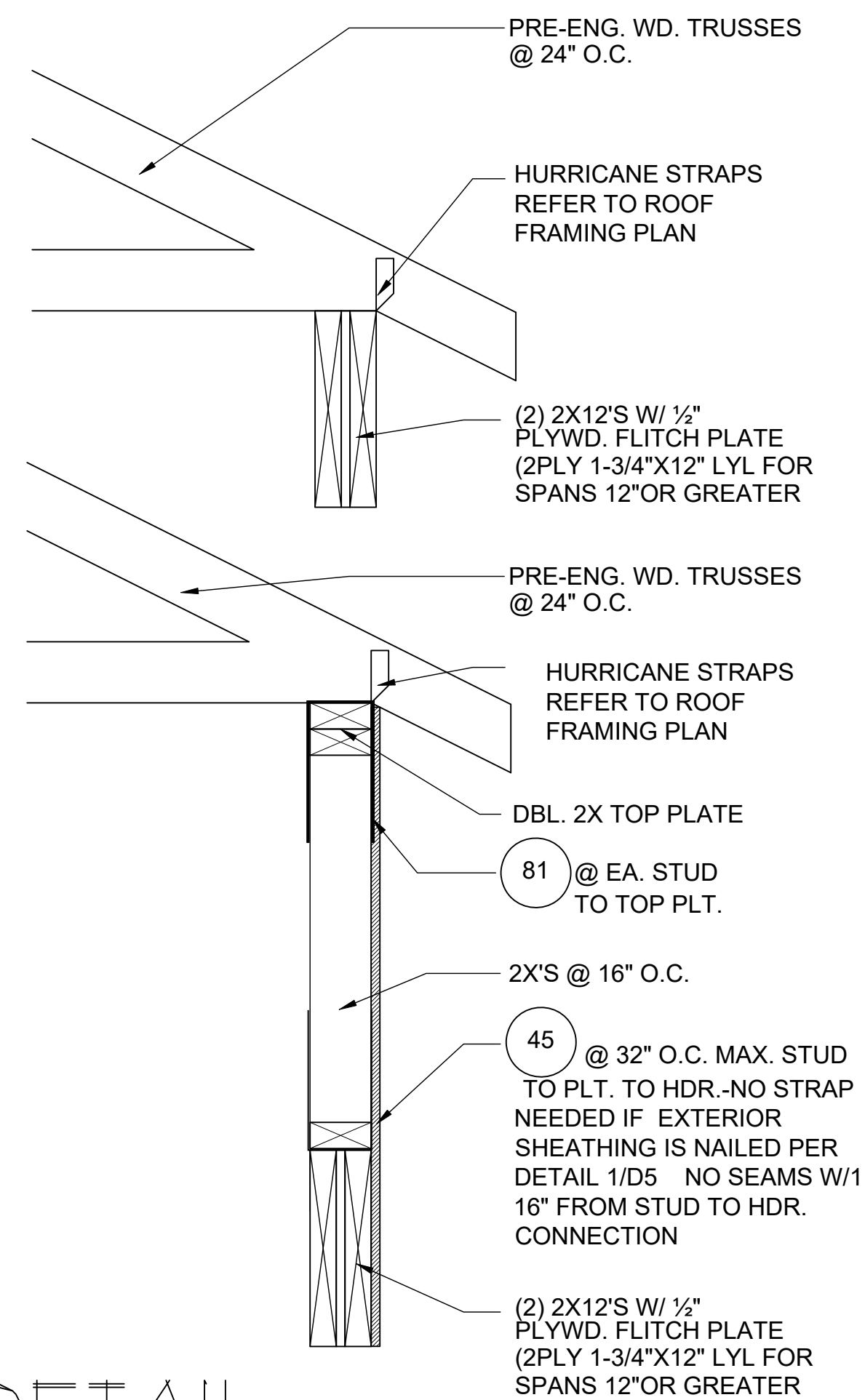
2 DETAIL
D4 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



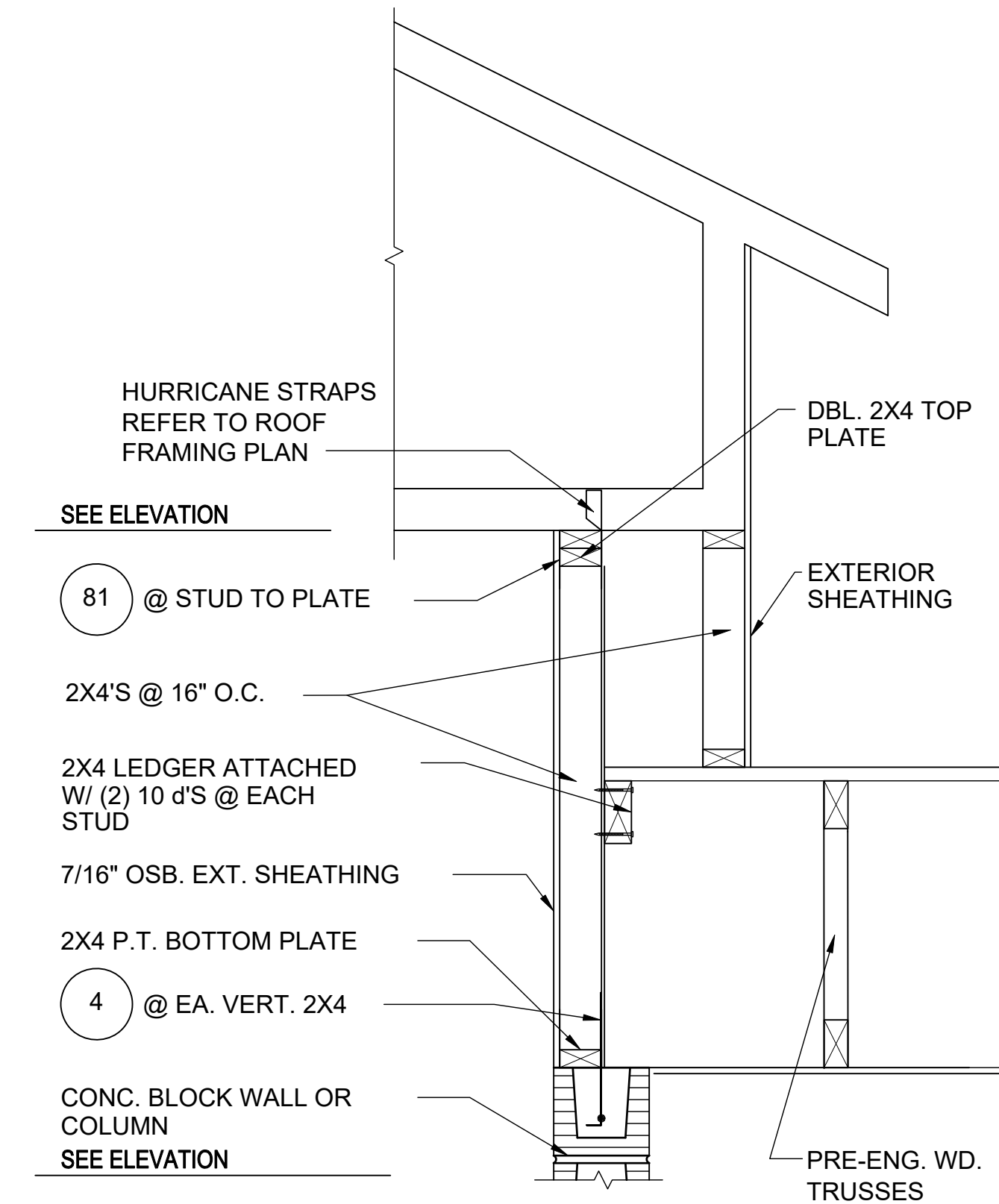
3 DETAIL
D4 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



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



5 DETAIL
D4



6 DETAIL
D4

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