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PAIRED VILLAS PACIFIC / GULF: (BLDG. CC, CD, DD)

PAD SIZE: 60'-0" x 70'-0"



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A2.DD	FLOOR PLAN (TEXT) - "BLDG. GULF - GULF"	S2.DD	PRECAST LINTEL PLAN
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A4.CC.1	LEFT & RIGHT ELEVATIONS - "BLDG. PACIFIC - PACIFIC" (TILE)		

REVISION SCHEDULE:

NO:	DATE:	DESCRIPTION:	BY:
1	05/18/23	NEW MASTER: PAIRED VILLAS (PACIFIC-GULF) CONFIGURATION	C.C.
2	06/19/23	PSH MASTER REVISION FOR NEW PAIRED VILLAS	C.C.
3	07/17/23	REVISED ENTRY WALL CMU BEARING HT. LENGTH FROM 16'-0" TO 15'-8" PER TRUSS ENG.	C.C.
4	08/01/23	ADDED GLASS INSERTS TO GARAGE DOORS FOR ALL (3) ELEVATIONS	C.C.
5	08/03/23	REVISED ELEVATIONS & ELECTRICAL PER MARKUPS RECEIVED	C.C.
6	08/23/23	ADJUSTED ELEVATIONS, ELECTRICAL METER & PANEL.	C.C.
7	10/25/23	REVISED LANAI OPT. PRE-WIRE CLG. FAN / LITE TO FLUSH-MOUNT LIGHT w/ FAN / LIGHT PREWIRE	C.C.
8			
9			
10			
11			
12			
13			
14			
15			
16			

DISTRIBUTED LIVE LOAD

(IN POUNDS PER SQ. FT.)	
10	UNINHABITABLE ATTICS WITHOUT STORAGE
20	UNINHABITABLE ATTICS WITH LIMITED STORAGE
36	HABITABLE ATTICS & ATTICS SERVED WITH FIXED STAIRS
40	BALCONIES (EXTERIOR) AND DECKS
40	FIRE ESCAPES
40	GUARDS AND HANDRAILS
200	GUARD IN-FILL COMPONENTS
50	PASSENGER VEHICLE GARAGES
40	ROOMS OTHER THAN SLEEPING ROOMS
30	SLEEPING ROOMS
40	STAIRS

ANSI STANDARD FOR MEASURING HOUSES

THE ANSI STANDARD FOR MEASURING HOUSES: NATIONAL STANDARD Z765-1996 NEW CONSTRUCTION THE ANSI STANDARDS BASE FLOOR AREA CALCULATIONS ON THE EXTERIOR DIMENSIONS OF THE BUILDING AT EACH FLOOR LEVEL AND INCLUDE ALL INTERIOR WALLS AND VOIDS. FOR ATTACHED UNITS, THE OUTSIDE DIMENSION IS THE CENTER LINE OF THE COMMON WALLS. INTERNAL ROOM DIMENSIONS AREN'T USED IN THIS SYSTEM OF MEASURING. THE ANSI STANDARDS BASE FLOOR AREA CALCULATIONS ON THE EXTERIOR DIMENSIONS OF THE BUILDING AT EACH FLOOR LEVEL AND INCLUDE ALL INTERIOR WALLS AND VOIDS. FOR ATTACHED UNITS, THE OUTSIDE DIMENSION IS THE CENTER LINE OF THE COMMON WALLS. INTERNAL ROOM DIMENSIONS AREN'T USED IN THIS SYSTEM OF MEASURING.

THE ANSI STANDARDS BASE FLOOR AREA CALCULATIONS ON THE EXTERIOR DIMENSIONS OF THE BUILDING AT EACH FLOOR LEVEL AND INCLUDE ALL INTERIOR WALLS AND VOIDS SEPARATED INTO TWO AREAS:

- AIR-CONDITIONED SPACE
- NON-AIR-CONDITIONED SPACE (GARAGES, PATIOS, PORCHES, BREEZEWAYS)

THE ANSI STANDARDS DEFINE "FINISHED AREA" AS "AN ENCLOSED AREA IN A HOUSE SUITABLE FOR YEAR-ROUND USE, EMBODYING WALLS, FLOORS, AND CEILINGS THAT ARE LIKE THE REST OF THE MEASUREMENTS MUST BE TAKEN TO THE NEAREST INCH OR TENTH OF A FOOT, AND FLOOR AREA MUST BE REPORTED TO THE NEAREST SQUARE FOOT. THESE WOULD INCLUDE BONUS/ATTIC SPACES AND ARE USUALLY LISTED SEPARATELY.

GENERAL CONTRACTOR:

IT IS THE 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 SINGLE FAMILY HOUSE/ APARTMENT/ CONDOMINIUM/ TOWNHOUSE.

FLORIDA BUILDING CODE: (FBC) 2020 (7TH EDITION)

- DESIGN CRITERIA:
- 2020 FLORIDA BUILDING CODE (BUILDING) - 7TH EDITION.
 - 2020 FLORIDA BUILDING CODE (RESIDENTIAL) - 7TH EDITION.
 - 2020 FLORIDA BUILDING CODE (PLUMBING) - 7TH EDITION.
 - 2020 FLORIDA BUILDING CODE (MECHANICAL) - 7TH EDITION.
 - 2020 FLORIDA BUILDING CODE (FUEL/GAS) - 7TH EDITION.
 - 2020 FLORIDA BUILDING CODE (EXISTING BUILDING) 7TH EDITION.
 - 2020 FLORIDA BUILDING CODE (ACCESSIBILITY) 7TH EDITION.
 - 2020 FLORIDA BUILDING CODE (ENERGY CONSERVATION) 7TH EDITION.
 - 2020 FLORIDA FIRE PREVENTION CODE (7TH EDITION).
 - 2017 NATIONAL ELECTRICAL CODE (NEC)
 - 2010 NFPA 101 - LIFE SAFETY CODE
 - OCCUPANCY CLASSIFICATION: GROUP R-3 (DUPLX)
 - CONSTRUCTION TYPE: TYPE VB (FBC-R 802.3)
 - SPRINKLED: NO (FBC-B SECTION 903)
 - NUMBER OF STORIES: 1-STORY
- SPECIFIC PARAMETERS FROM FBC 2020 USED FOR DESIGN INCLUDE:
- CONCRETE MASONRY RESIDENTIAL
 - CONSTRUCTION WOOD FRAME CONSTRUCTION
 - AMERICAN SOCIETY OF CIVIL ENGINEERS

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Paired Villas
Models: (Pacific-Pacific), (Pacific-Gulf), (Gulf-Gulf)
Lot# XX-XX
Street Address
City, State, Zip Code

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

ISSUE DATE: 08/10/2023

REVISIONS

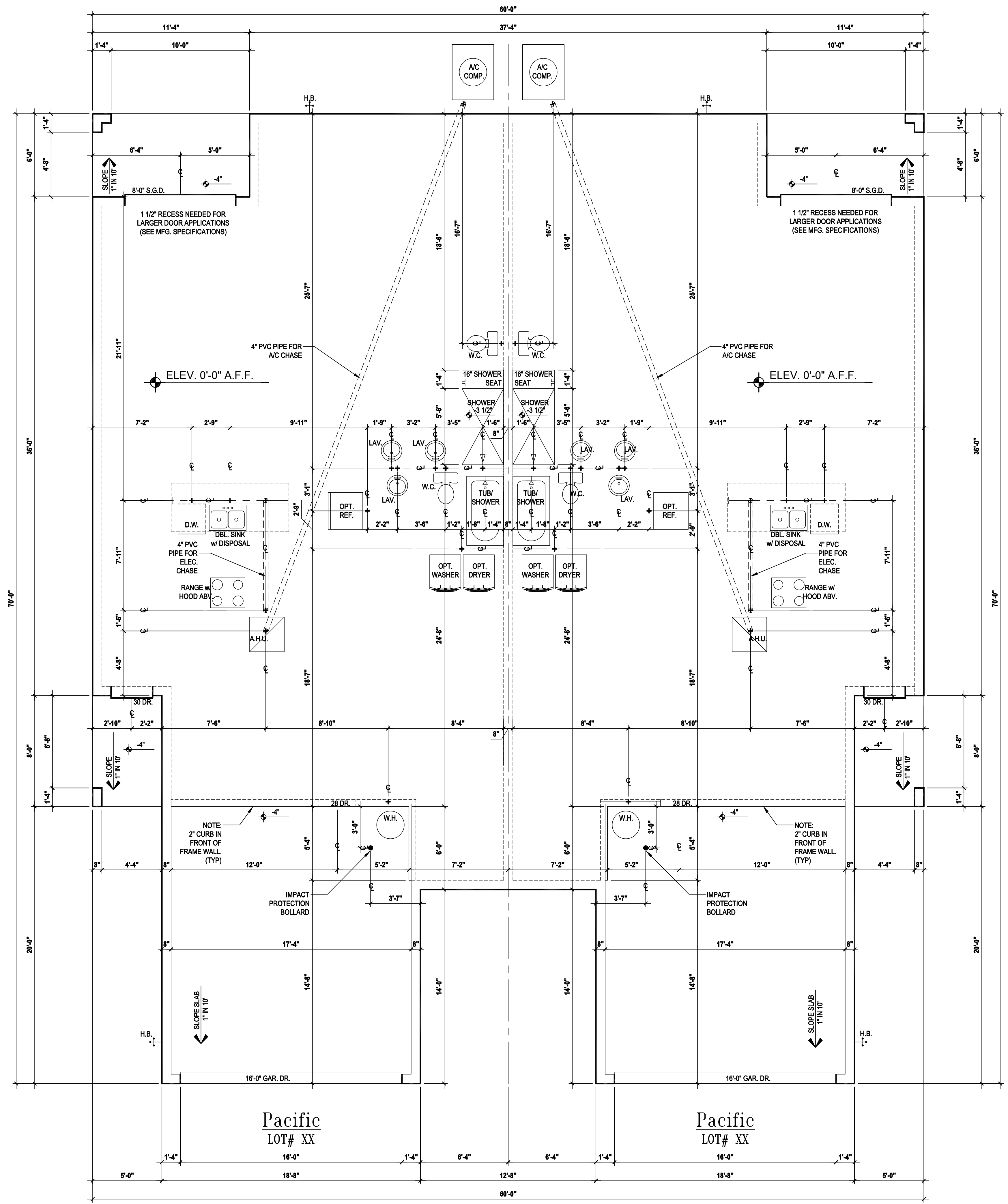
PROJECT: 00-0000
SCALE: AS NOTED
DRAWN BY: C.C./G.P.
DESIGNED BY: MJS

COVER PAGE

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- ### GENERAL NOTES KEY:
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Pacific
LOT# XX

Pacific
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Slab Plan "CC"
SCALE: 1/4" = 1'-0"

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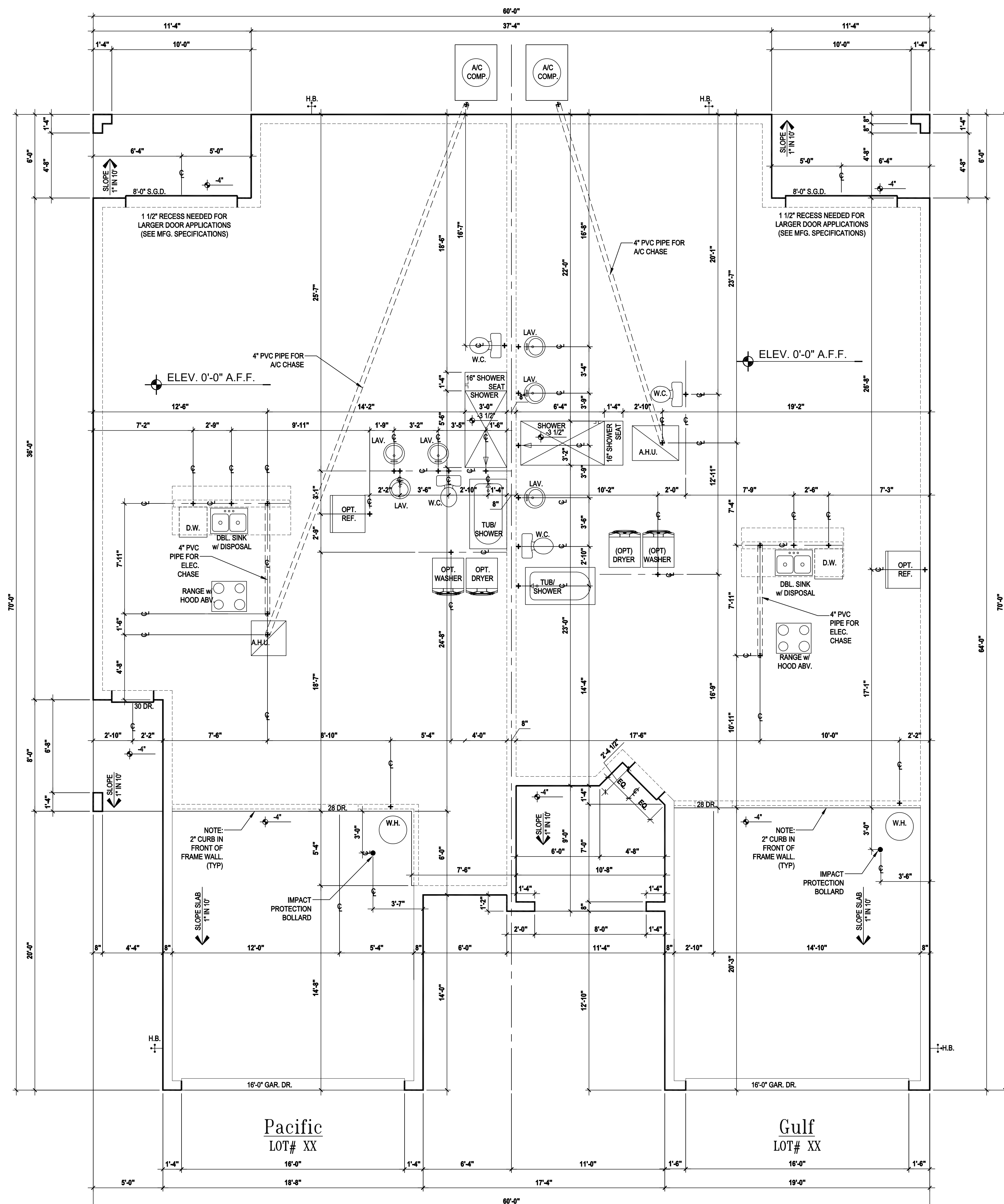
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Paired Villas
 Models: (Pacific-Pacific), (Pacific-Gulf), (Gulf-Gulf)

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

ISSUE DATE: 08/10/2023
 REVISIONS:
 PROJECT: 00-0000
 SCALE: AS NOTED
 DRAWN BY: C.C./G.P.
 DESIGNED BY: MJS

PLAN OVERALL
A1.CC



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Slab Plan "CD"

SCALE: 1/4" = 1'-0"

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CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR DIMENSIONS AND CONDITIONS OF THE JOB AND M.J.S. INC. MUST BE NOTIFIED IN WRITING OF ANY CHANGES TO THE DIMENSIONS, CONDITIONS AND APPROVALS RELYING ON THESE PLANS.

residential-commercial-architecture

Paired Villas
 Models: (Pacific-Pacific), (Pacific-Gulf), (Gulf-Gulf)

A Division of Park Square Enterprises Inc.
 5200 Vineland Rd. Suite # 200
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 Phone: (407) 529-3000

Lot# XX-XX
 Street Address
 City, State, Zip Code

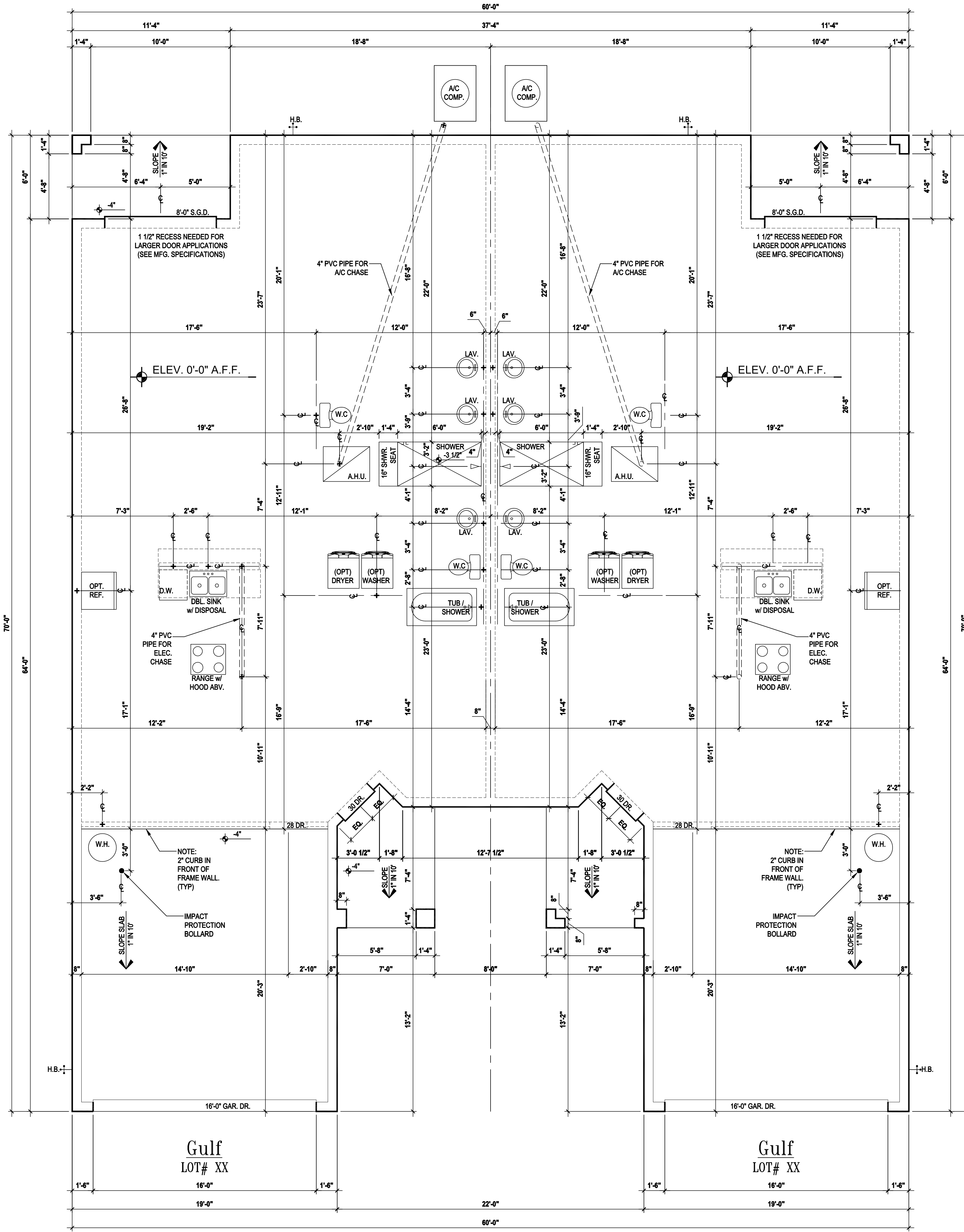
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 DRAWN BY: C.C./G.P.
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PLAN OVERALL

A1.CD



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Slab Plan "DD"

SCALE 1/4" = 1'-0"

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HOMES

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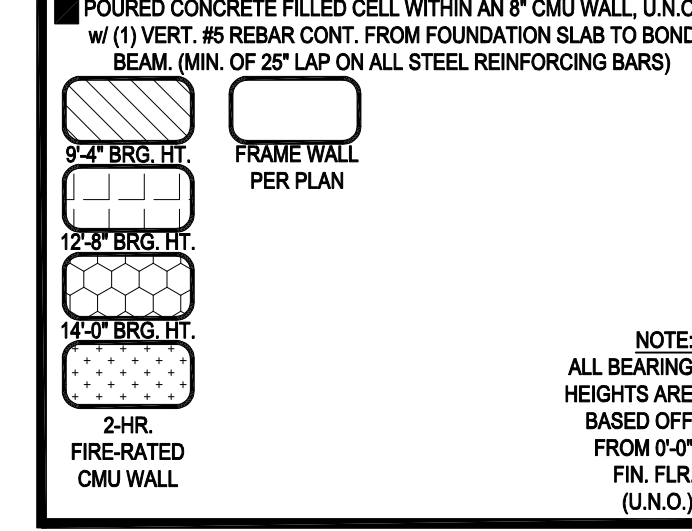
PLAN OVERALL

A1.DD

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Nov 28, 2023, 3:17pm mjsuser\jpark Square Homes\MODELS\TOWNHOME MODEL\Townhomes (Orlando)\1 - Townhome Models\Paired Villas\New Paired Villas\2.CC Floor Plan.dwg DESIGNED BY: MJS INC. REPRODUCTION OF THE ILLUSTRATIONS OR WORKING DRAWINGS BY ANY MEANS IS STRICTLY PROHIBITED UNLESS LICENSED BY MJS INC.

BRG. HT. LEGEND



GENERAL NOTES KEY:

THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED REQUIREMENTS OF THE (2020) FLORIDA BUILDING CODE (7TH EDITION)

ABBREVIATIONS:

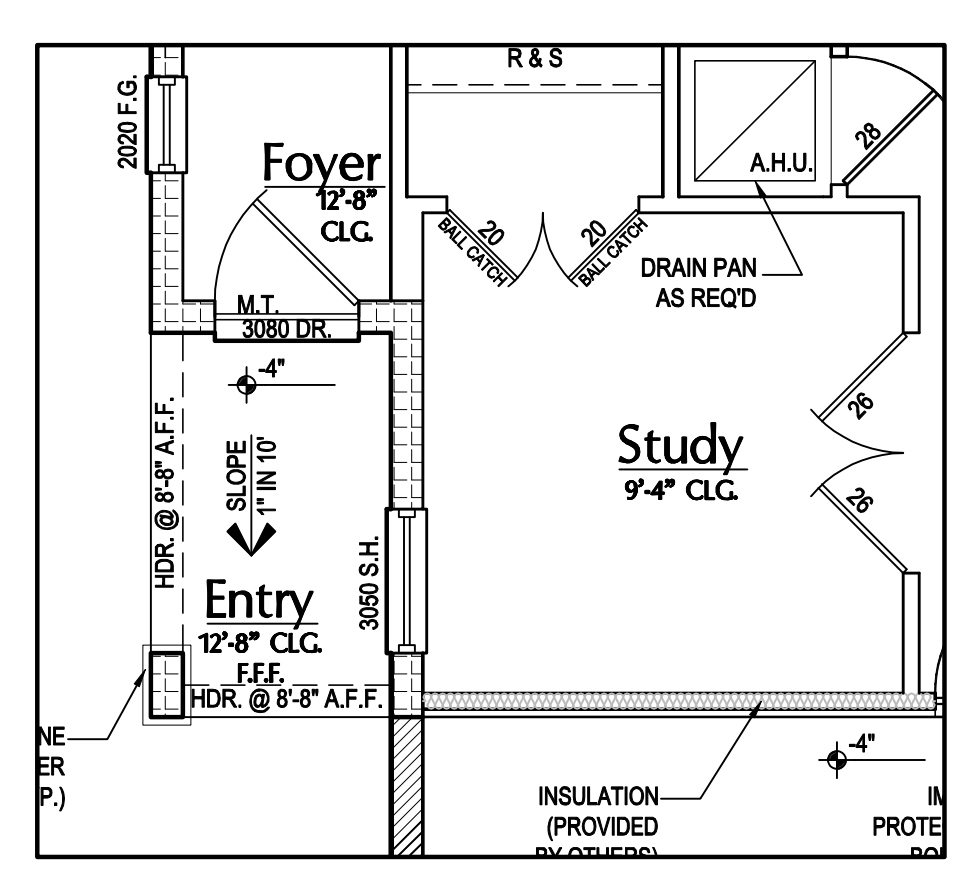
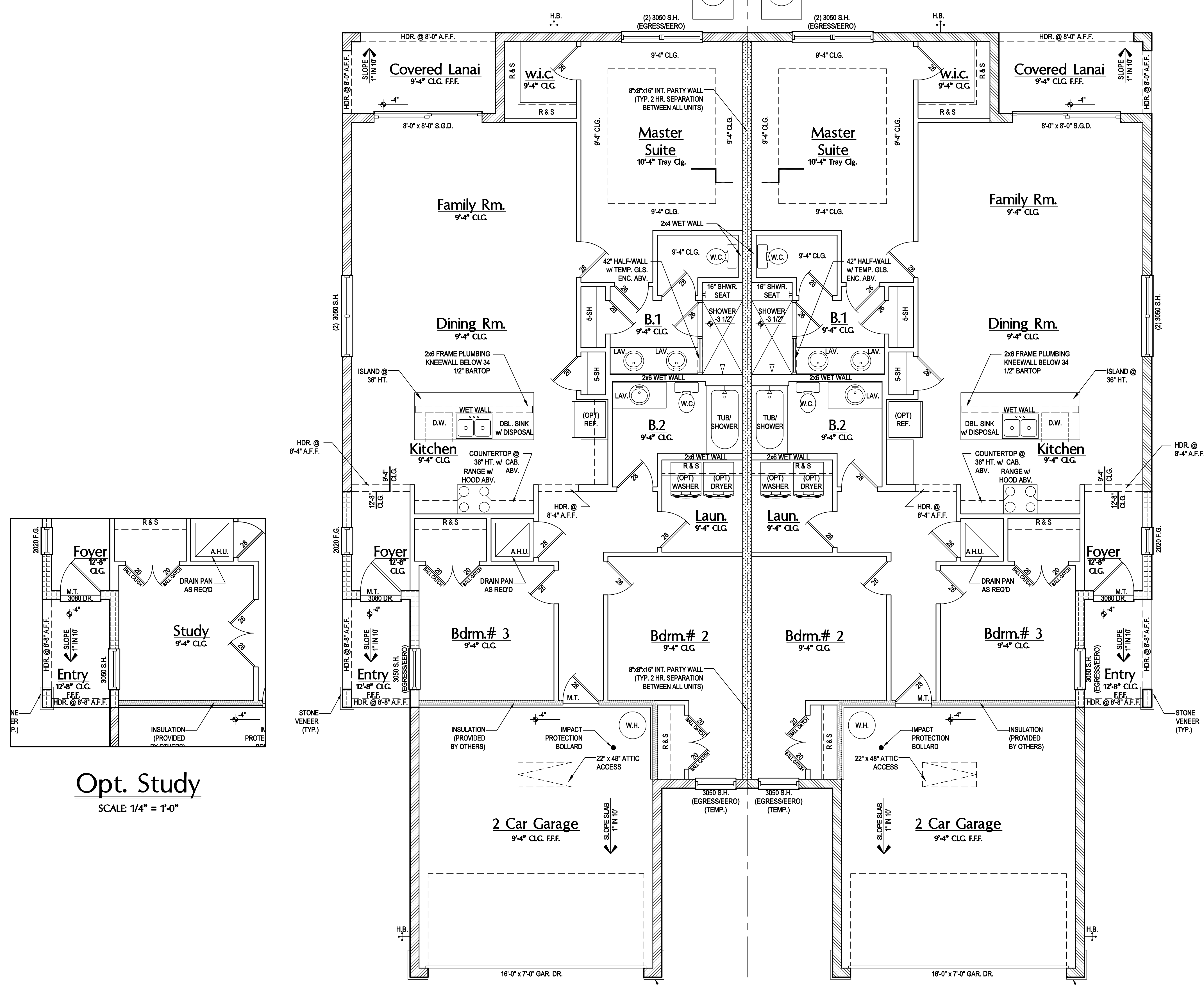
2 - # OF DOORS.	GLASS
2 - # OF WINDOWS.	SH - SINGLE HUNG
MT - METAL THRESHOLD	DH - DOUBLE HUNG
FR - FRENCH DOORS	HR - HORIZONTAL ROLLER
SL - SIDE LIGHT	BP - BYPASS
FG - FIXED GLASS	BF - BIFOLD
TR - TRANSOM	TYP. - TYPICAL
GB - GLASS BLOCK	
PKT - POCKET DOOR	
OBS - OBSCURED GLASS	
TEMP - TEMPERED	

NOTE:
ALL BEARING HEIGHTS ARE BASED OFF FROM 0'-0" FIN. FLR. (U.N.O.)

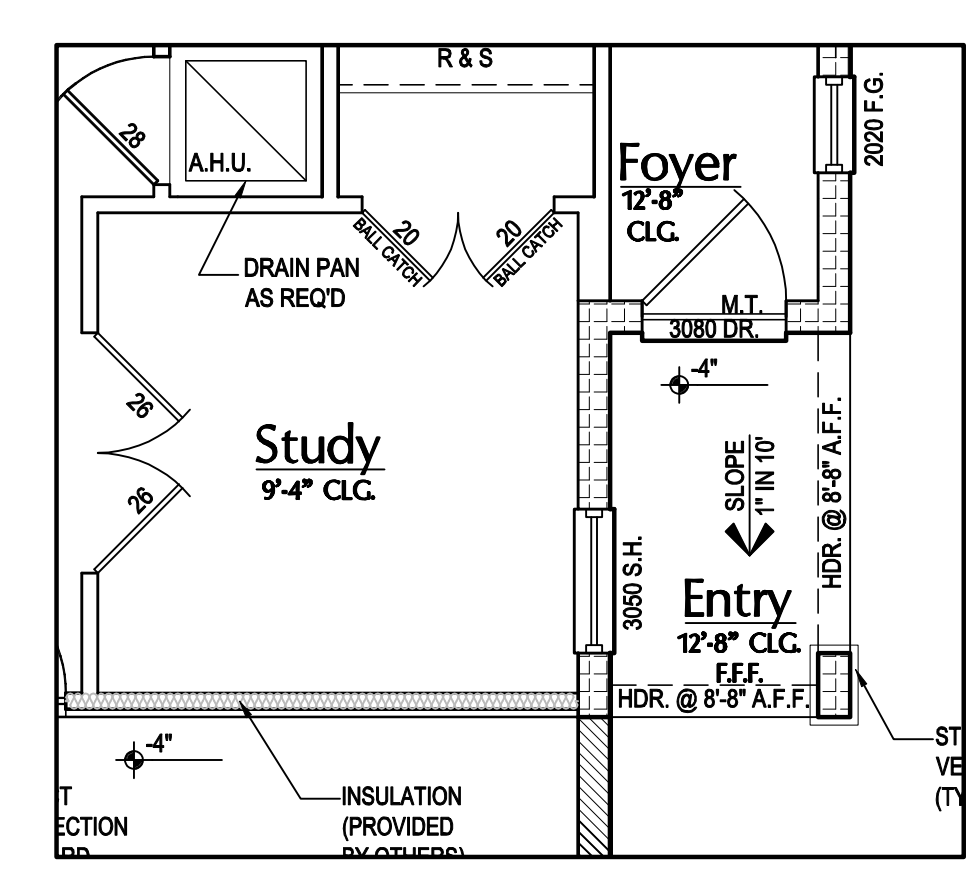
NOTE:
SPECIALTY WINDOWS / DOORS, FIXED GLASS WINDOWS, AND TRANSOMS ARE NOTED ON PLANS.

NOTES:

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- MECHANICAL EQUIP. LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
- A/C CONDENSER UNIT TO BE ANCHORED TO SLAB PER CODE M807.2 & M1309.3.
- PROVIDE RECESS HAC WATER w/ DRAIN @ WASHER SPACE.
- VENT DRYER THRU EXTERIOR WALL U.N.O.
- PROVIDE COLD WATER LINE FOR ICE MAKER LINE @ REF. SPACE.
- SAG RESISTANT DRYWALL ON ALL CEILINGS.
- PULL ALL DIMENSIONS FROM THE REAR OF PLAN.
- REFER TO EXTERIOR ELEVATIONS & TYP. DETAIL SHEETS FOR EXTERIOR WALL FINISH SPECS.
- REFER TO DETAIL SHEETS FOR FLASHING REQUIREMENTS AT ALL WOOD TO MASONRY INTERFACES.
- ALL INTERIOR FRAME WALL DIMENSIONS TO BE 3 1/2" U.N.O.
- ALL EXTERIOR FLOOR WALL DIMENSIONS TO BE 7 1/2" U.N.O.
- ALL INT. FIRST FLOOR CEILINGS AT 9'-4" U.N.O.
ALL INT. SECOND FLOOR CEILINGS AT 9'-4" U.N.O.
- 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.
- OPENING BETWEEN GARAGE AND RESIDENCE SHALL BE EQUIPPED w/ A 20 MIN. FIRE RATED SLOD WOOD OR HONEYCOMB CORE STEEL DOOR NOT LESS THAN 1 3/8" THICKNESS AS PER FBC-R302.5.1.
- INSTALL 5/8" TYPE X DRYWALL ON GARAGE CEILING BENEATH HABITABLE ROOMS (TYP.)
- GARAGE DOOR TO BE CERTIFIED BY MFR. FOR 140 M.P.H.
- ALL TUB & SHOWER UNITS WILL HAVE ANTI-SCALDING DEVICES INSTALLED.
- ALL OPERABLE WINDOWS LOCATED MORE THAN 72" ABV. SURFACE BELOW SHALL HAVE THE LOWEST PORTION OF WINDOW CLEAR OPENING A MIN. OF 24" ABOVE FINISHED FLOOR BEING SERVED PER (FBC-R312.2).
- ALL INT. DOORS TO BE 6'-8" TALL U.N.O. OR PER BUILDER / CLIENT
- 1/2" GYPSUM BOARD APPLIED TO THE GARAGE SIDE OF WALL TO UNDERSIDE OF DECKING
- ALL WINDOW AND DOOR ROUGH OPENINGS VARY PER MANUFACTURERS SPECIFICATIONS, AND ARE NOT REFLECTED ON THE PLANS. DIMENSIONS PROVIDED ON PLANS ARE USED FOR AN APPROXIMATE LOCATION OF WINDOWS & DOORS, AND DO NOT REFLECT THE ROUGH OPENINGS REQUIRED FOR PROPER INSTALLATION. BUILDER WILL BE REQUIRED TO CROSS-REFERENCE ROUGH OPENINGS AND PLAN DIMENSIONS.
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Opt. Study
SCALE: 1/4" = 1'-0"



Opt. Study
SCALE: 1/4" = 1'-0"

DOOR NOTE KEY:

DOOR SIZE CALLOUT:

30 = 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"	

WINDOW NOTE KEY:

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2060 = 2'-0" x 6'-0"

* ALL WINDOW CALLOUTS ARE MEASURED IN FEET & INCHES AS PER THE EXAMPLE TABLE ABOVE.

Area Tabulations

Unit - Pacific	
Total Living:	1,431 sf
entry:	40 sf
garage:	372 sf
cov. lanai:	68 sf
Total Area:	1,911 sf
Unit - Pacific / Pacific	
Total Living:	2,862 sf
entry:	80 sf
garage:	744 sf
cov. lanai:	136 sf
Total Area:	3,822 sf

Text Floor Plan "CC"

SCALE: 1/4" = 1'-0"

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residential-commercial-architecture

Models: (Pacific-Pacific), (Pacific-Gulf), (Gulf-Gulf)

Lot# XX-XX
Street Address
City, State, Zip Code

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Phone: (407) 529-3000

Park Square HOMES

ISSUE DATE: 08/10/2023

REVISIONS

PROJECT: 00-0000

SCALE: AS NOTED

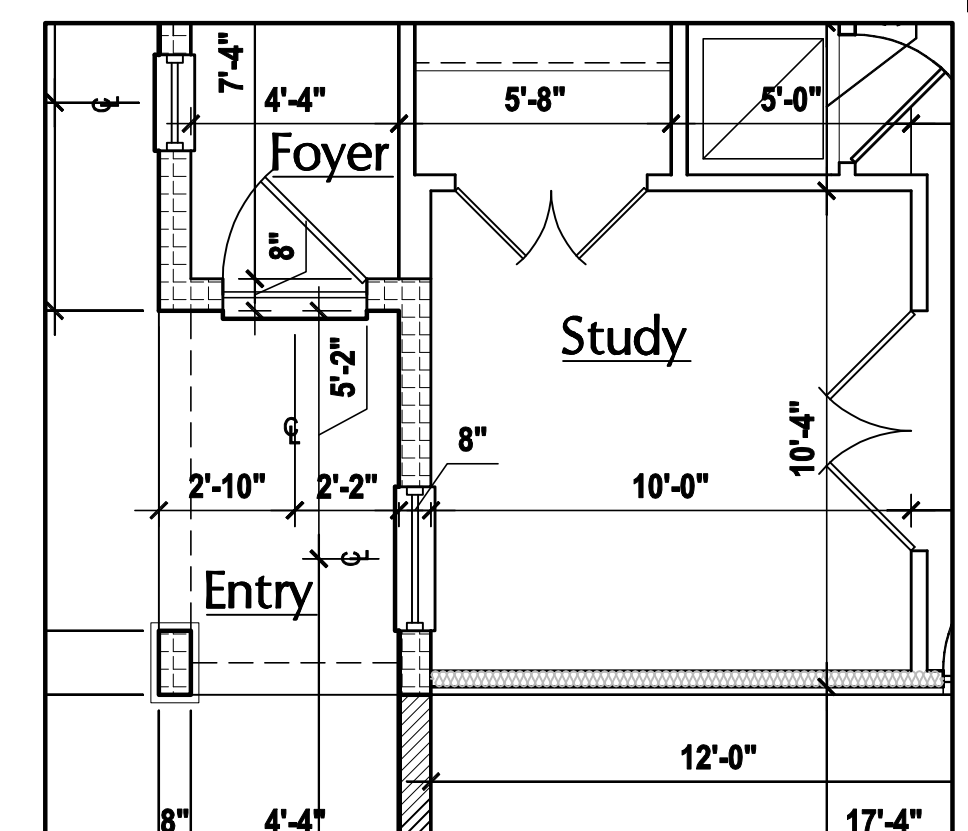
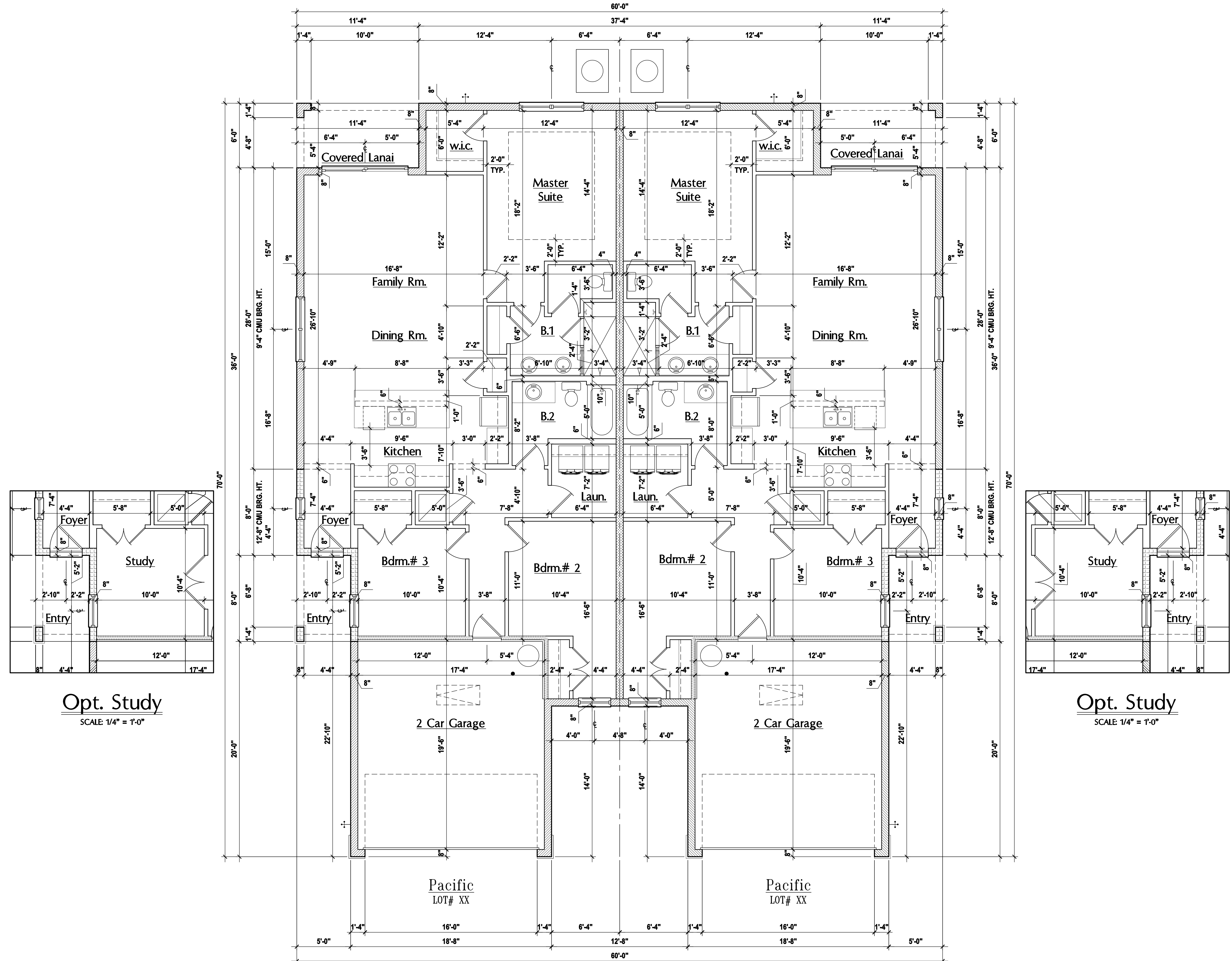
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DESIGNED BY: MJS

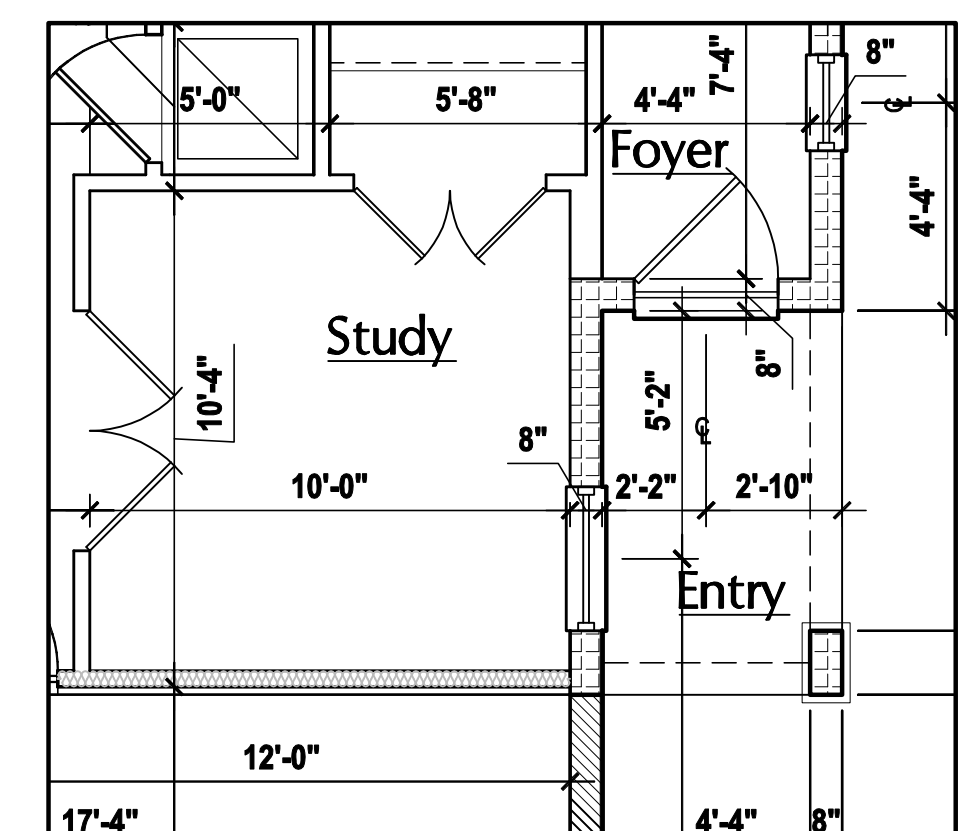
PLAN OVERALL

A2.CC

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Opt. Study
SCALE: 1/4" = 1'-0"



Opt. Study
SCALE: 1/4" = 1'-0"

GENERAL NOTES KEY:

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 - 2 - # OF WINDOWS.
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DOOR NOTE KEY:

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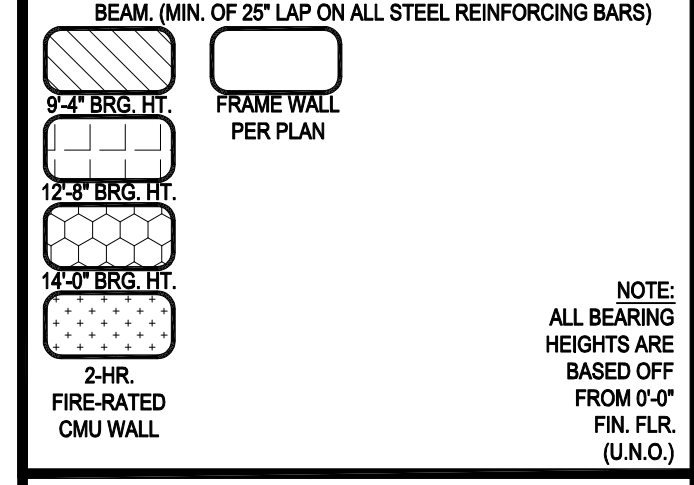
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BRG. HT. LEGEND



Dim Floor Plan "CC"
SCALE: 1/4" = 1'-0"

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Paired Villas
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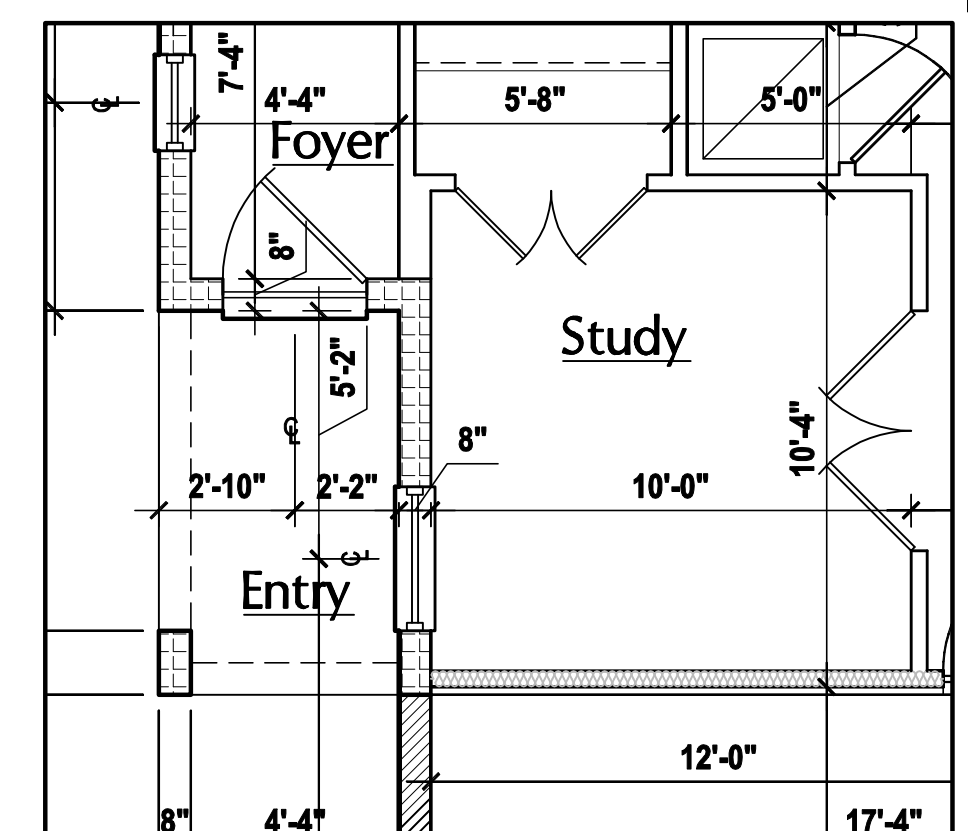
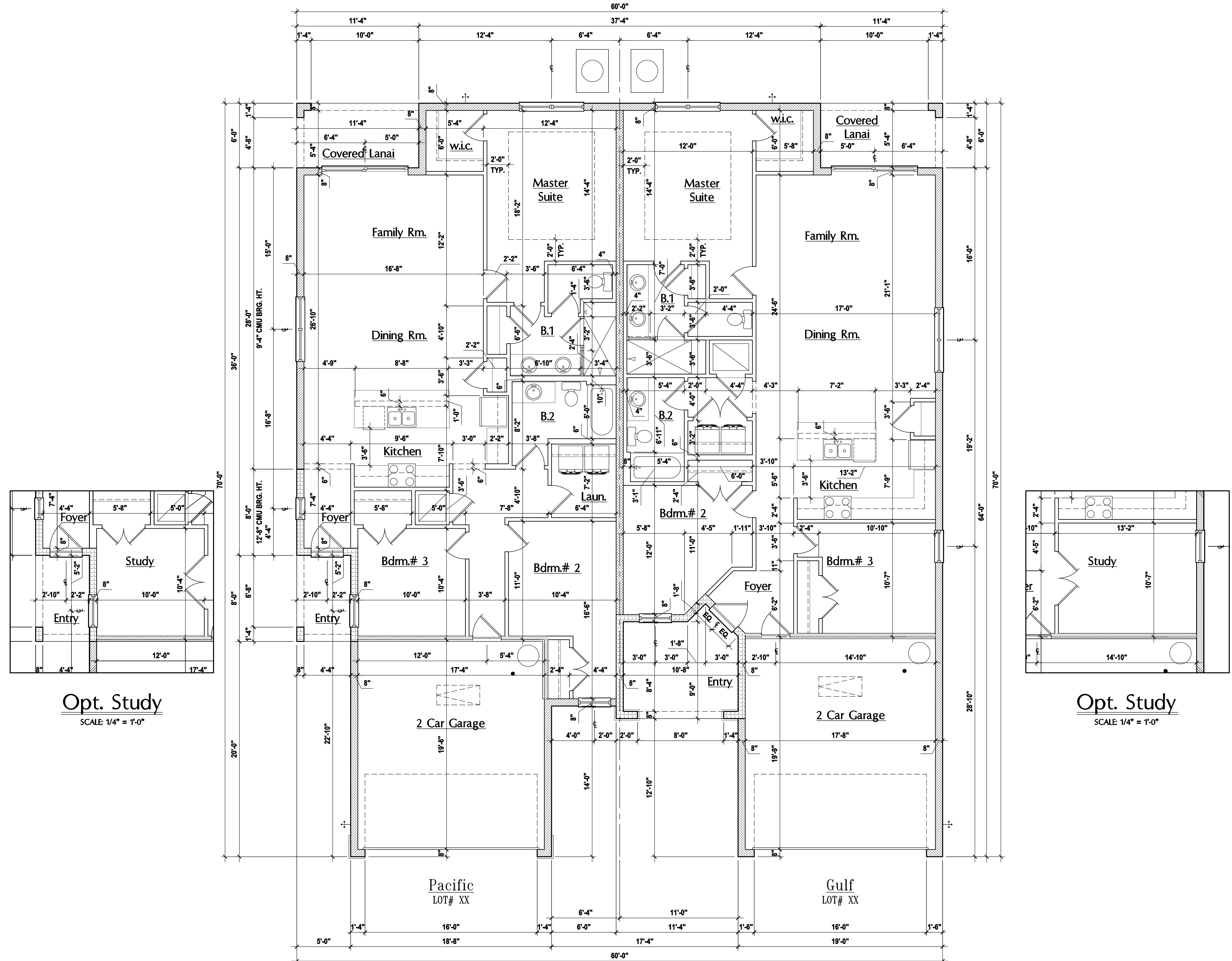
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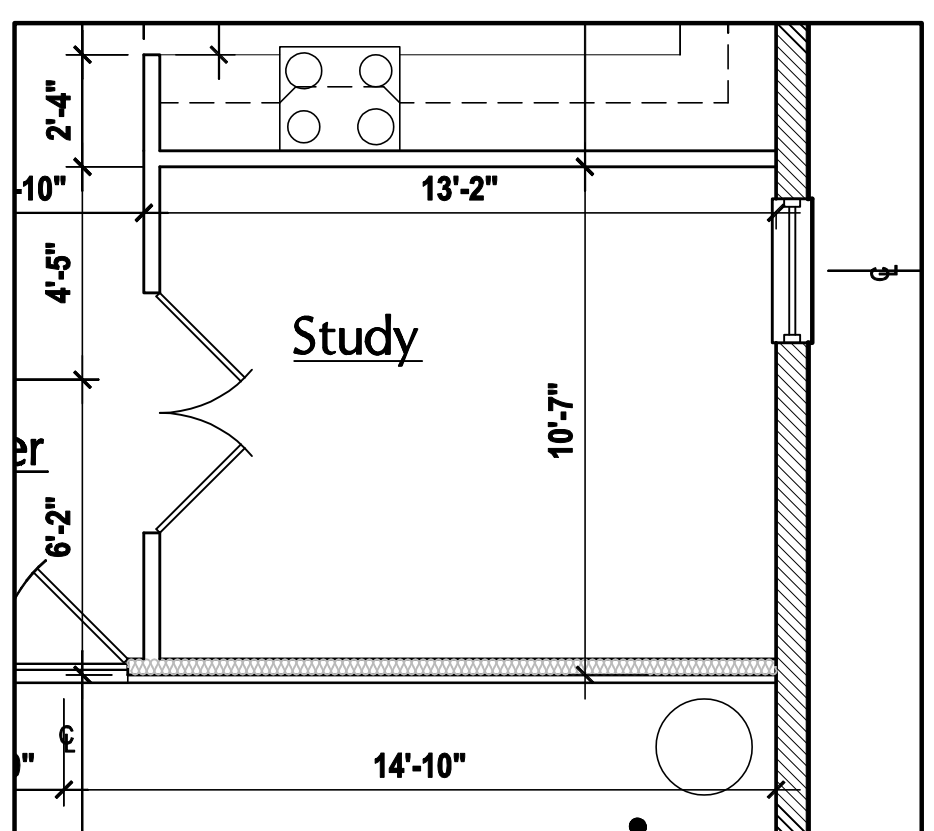
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PLAN OVERALL
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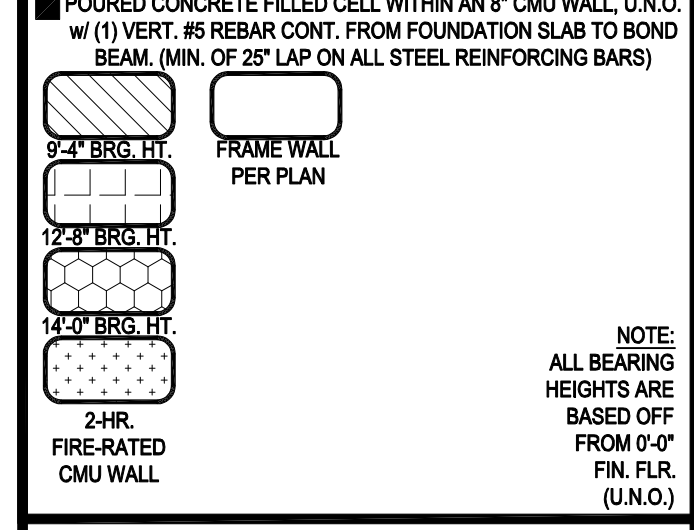
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BRG. HT. LEGEND



NOTE: ALL BEARING HEIGHTS ARE BASED OFF FROM 0'-0" FIN. FLR. (U.N.O.)

Dim Floor Plan "CD"

SCALE: 1/4" = 1'-0"

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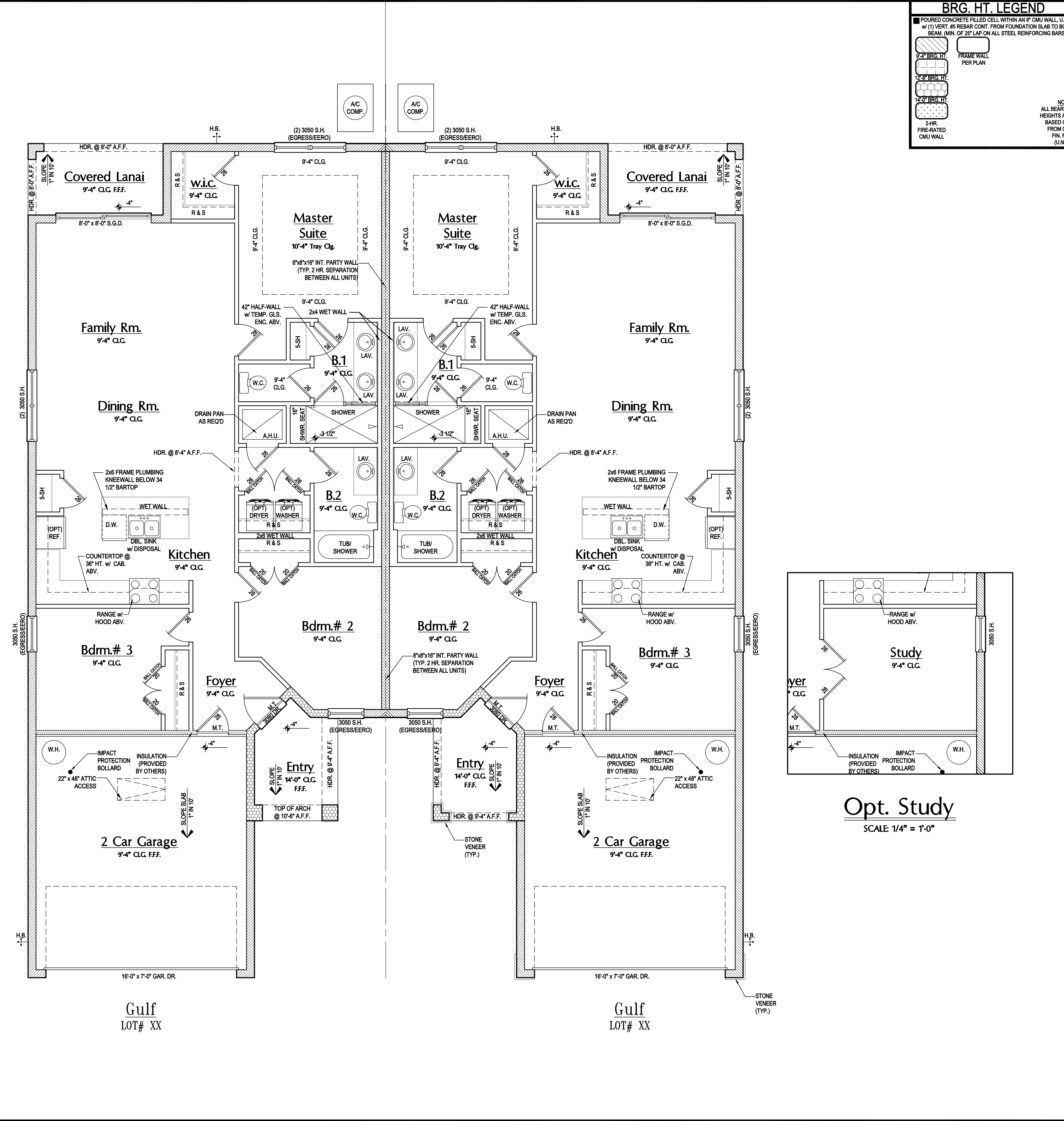
ISSUE DATE: 08/10/2023

REVISIONS

PROJECT: 00-0000
SCALE: AS NOTED
DRAWN BY: C.C. / G.P.
DESIGNED BY: MJS

PLAN OVERALL
A2.CD.1

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BRG. HT. LEGEND

(1) VERT. #5 REBAR CONT. FROM FOUNDATION SLAB TO BOND BEAM. (MIN. OF 25" LAP ON ALL STEEL REINFORCING BARS)

- 9'-4" BRG. HT.
- 7'-6" BRG. HT.
- 4'-0" BRG. HT.
- 2-HR. FIRE-RATED CMU WALL

() FRAME WALL PER PLAN

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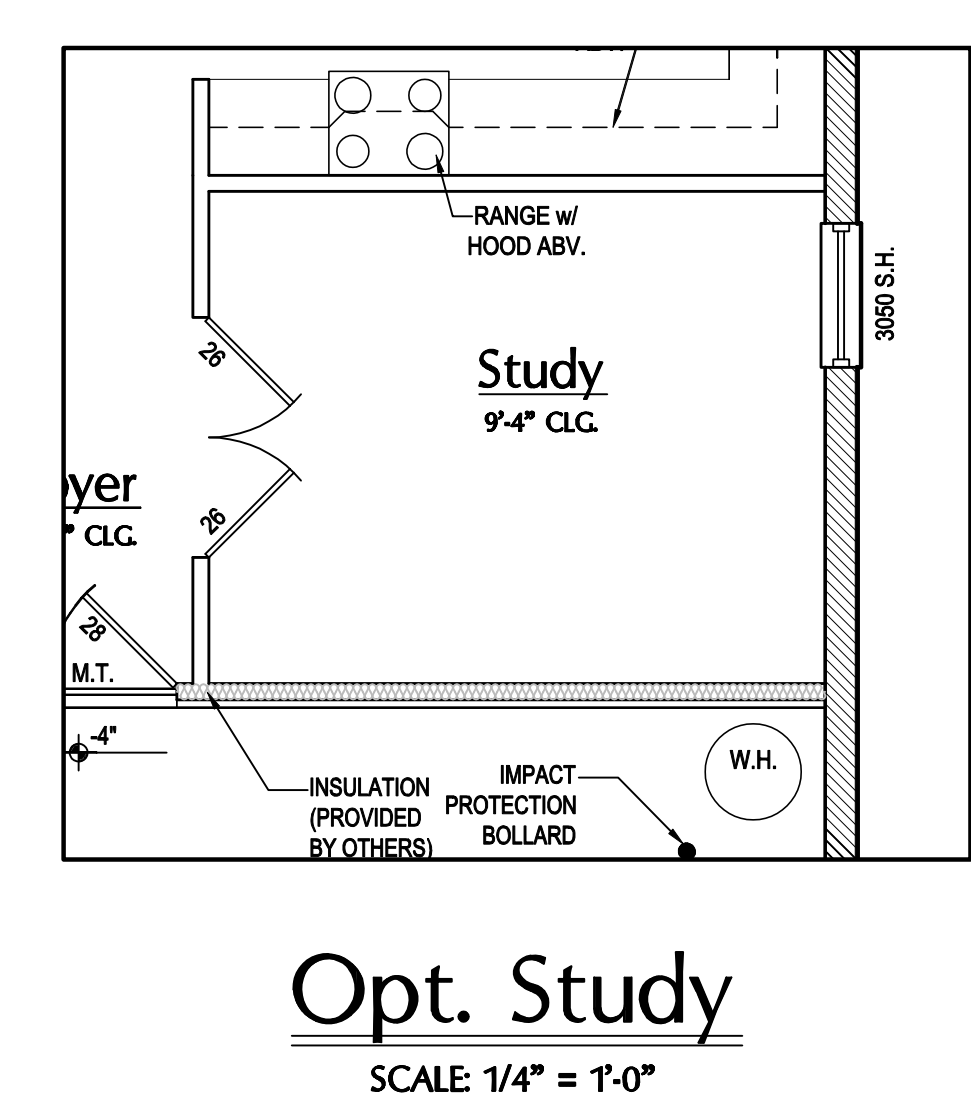
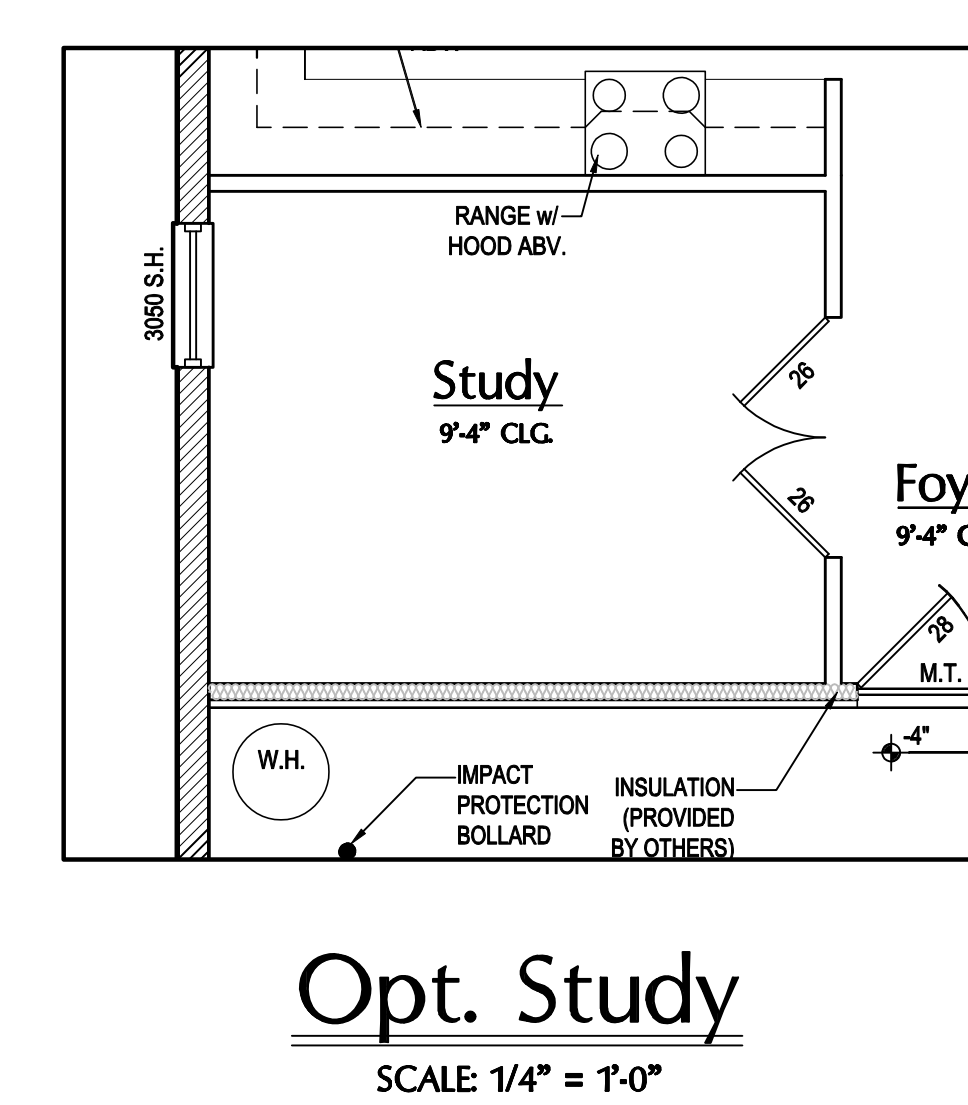
Area Tabulations

Unit - Gulf	Area
Total Living:	1,402 sf
entry:	63 sf
garage:	388 sf
cov. lanai:	68 sf
Total Area:	1,921 sf

Unit - Gulf / Gulf	Area
Total Living:	2,804 sf
entry:	126 sf
garage:	776 sf
cov. lanai:	136 sf
Total Area:	3,842 sf

Text Floor Plan "DD"

SCALE: 1/4" = 1'-0"



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SCALE: AS NOTED

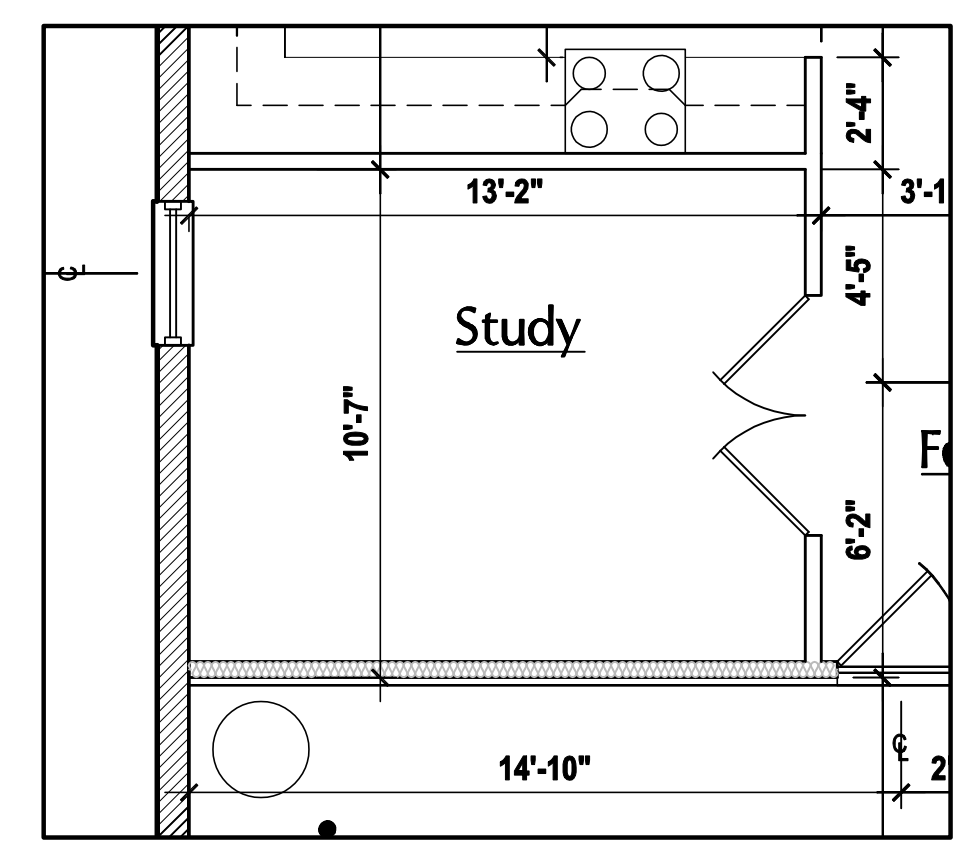
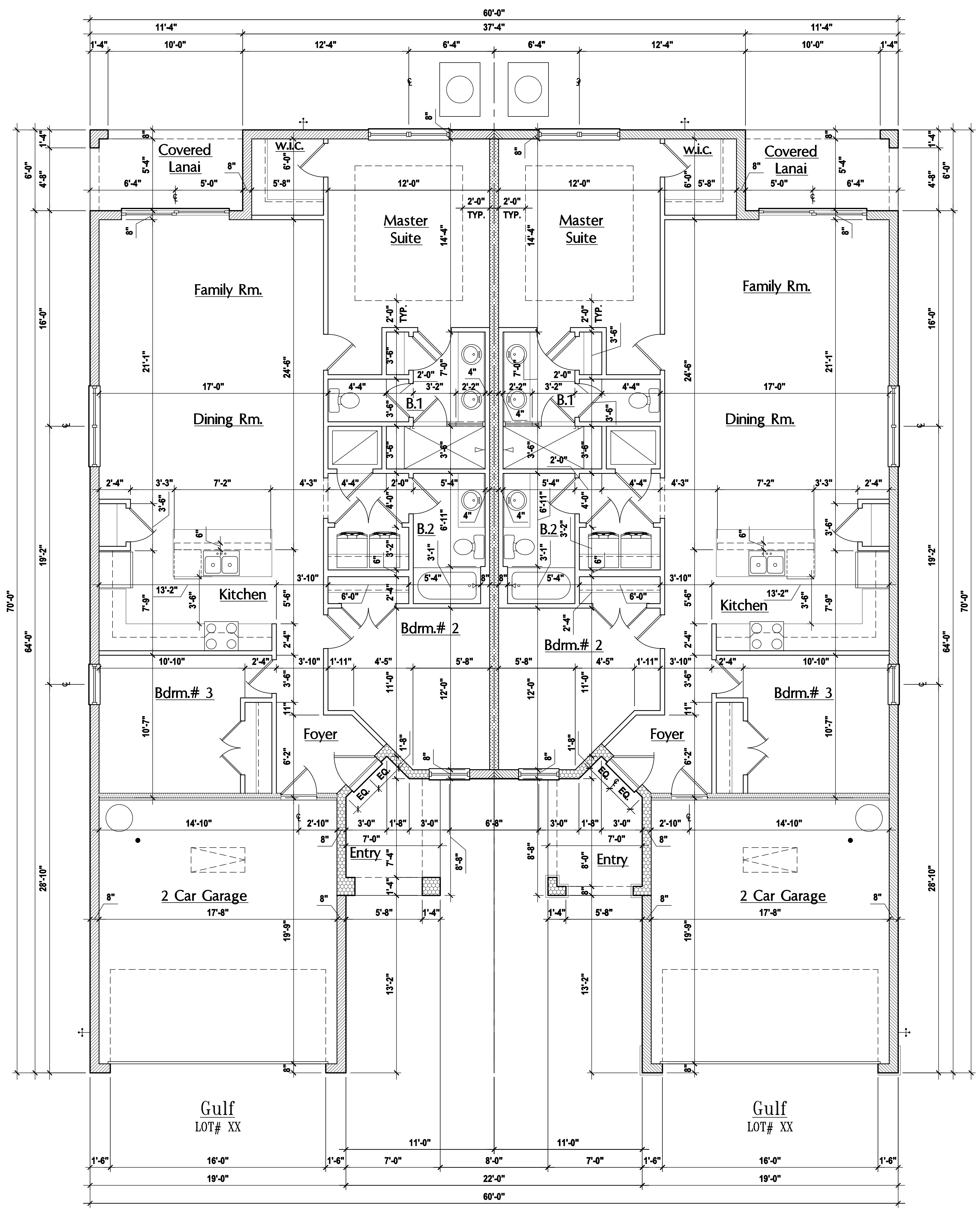
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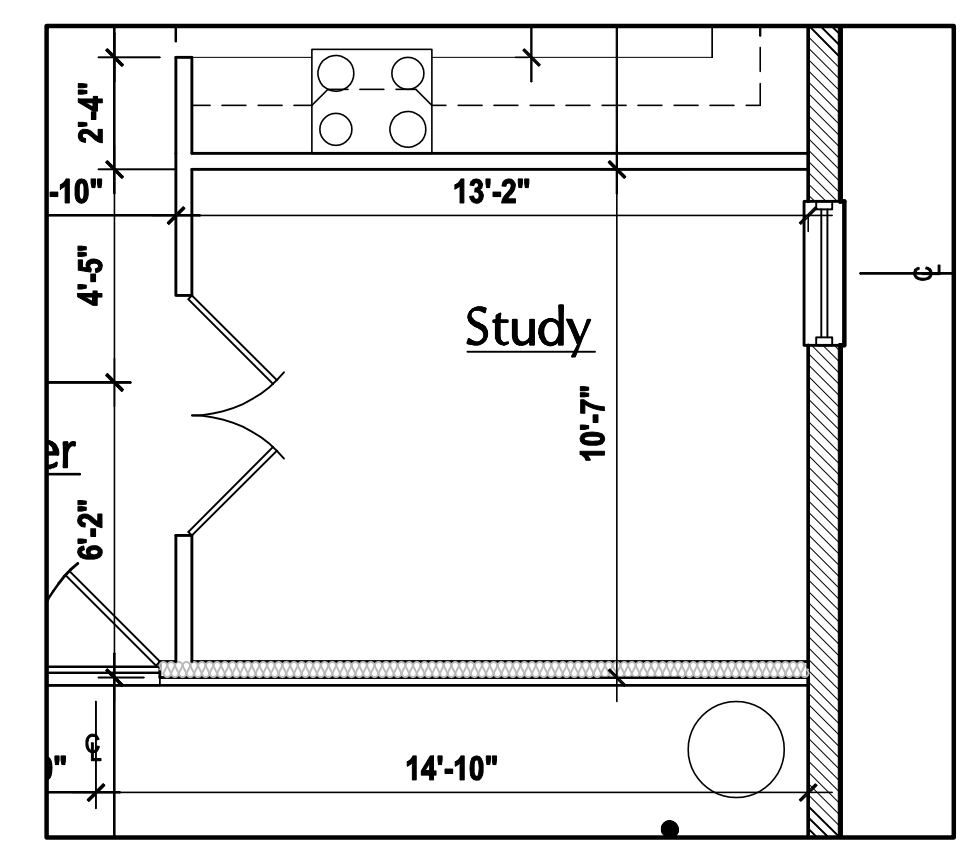
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Opt. Study
SCALE: 1/4" = 1'-0"



Opt. Study
SCALE: 1/4" = 1'-0"

GENERAL NOTES KEY:

THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED REQUIREMENTS OF THE (2020) FLORIDA BUILDING CODE (7TH 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
 - BIFOLD
 - TYP. - TYPICAL

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

- 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. 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 H2O WATER W/ DRAIN @ WASHER SPACE.
 6. VENT DRYER THRU EXTERIOR WALL U.N.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 3/4" U.N.O.
 13. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7/8" U.N.O.
 14. ALL INT. FIRST FLOOR CEILINGS AT 9'-4" U.N.O.
** ALL INT. SECOND FLOOR CEILINGS AT 9'-2" U.N.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-SCALDING DEVICES INSTALLED.
 20. ALL OPERABLE WINDOWS LOCATED MORE THAN 72" 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'-0" TALL U.N.O. OR PER BUILDER / CLIENT
 22. 1/2" GYPSUM BOARD APPLIED TO THE GARAGE SIDE OF WALL TO UNDERSIDE OF DECKING
 23. ALL WINDOW AND DOOR ROUGH OPENINGS VARY PER MANUFACTURERS SPECIFICATIONS, AND ARE NOT REFLECTED ON THE PLANS. DIMENSIONS PROVIDED ON PLANS ARE USED FOR AN APPROXIMATE LOCATION OF WINDOWS & DOORS, AND DO NOT REFLECT THE ROUGH OPENINGS REQUIRED FOR PROPER INSTALLATION. BUILDER WILL BE REQUIRED TO CROSS-REFERENCE ROUGH OPENINGS AND PLAN DIMENSIONS.
 24. SOIL TESTING IS RECOMMENDED, BUT IS NOT REQUIRED. THE DESIGN TEAM AT MJS & E.O.R. STRONGLY RECOMMEND A SOIL TEST TO CONFIRM SOIL BEARING CAPACITY AND SURFACE GEO-TECHNICAL CONDITIONS. FOOTINGS SHALL BEAR ON UNDISTURBED SOIL AND 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.

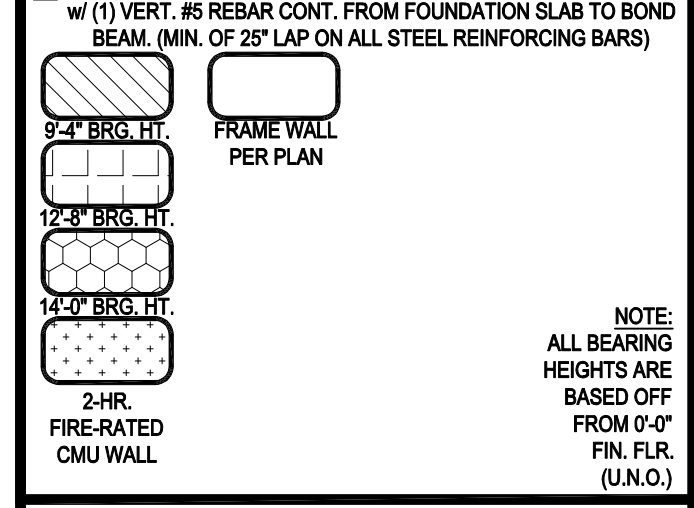
DOOR NOTE KEY:

- 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"

WINDOW NOTE KEY:

- WINDOW SIZE CALLOUT:**
- 2040 = 2'-0" x 4'-0"
 - 2060 = 2'-0" x 5'-0"
 - 2060 = 2'-0" x 6'-0"
- * ALL WINDOW CALLOUTS ARE MEASURED IN FEET & INCHES AS PER THE EXAMPLE TABLE ABOVE.

BRG. HT. LEGEND



NOTE: ALL BEARING HEIGHTS ARE BASED OFF FROM 0'-0" FIN. FLR. (U.N.O.)

ISSUE DATE	REVISIONS
08/10/2023	

Dim Floor Plan "DD"

SCALE: 1/4" = 1'-0"

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Fax: (407) 629-6776
www.mjsdesigns.com

CONTRACTORS SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF THE JOB AND MJS, INC. MUST BE NOTIFIED IN WRITING OF ANY CHANGES TO THE DIMENSIONS, CONDITIONS AND APPROXIMATIONS SPECIFIED ON THESE PLANS.

Models: (Pacific-Pacific), (Pacific-Gulf), (Gulf-Gulf)

Lot# XX-XX
Street Address
City, State, Zip Code

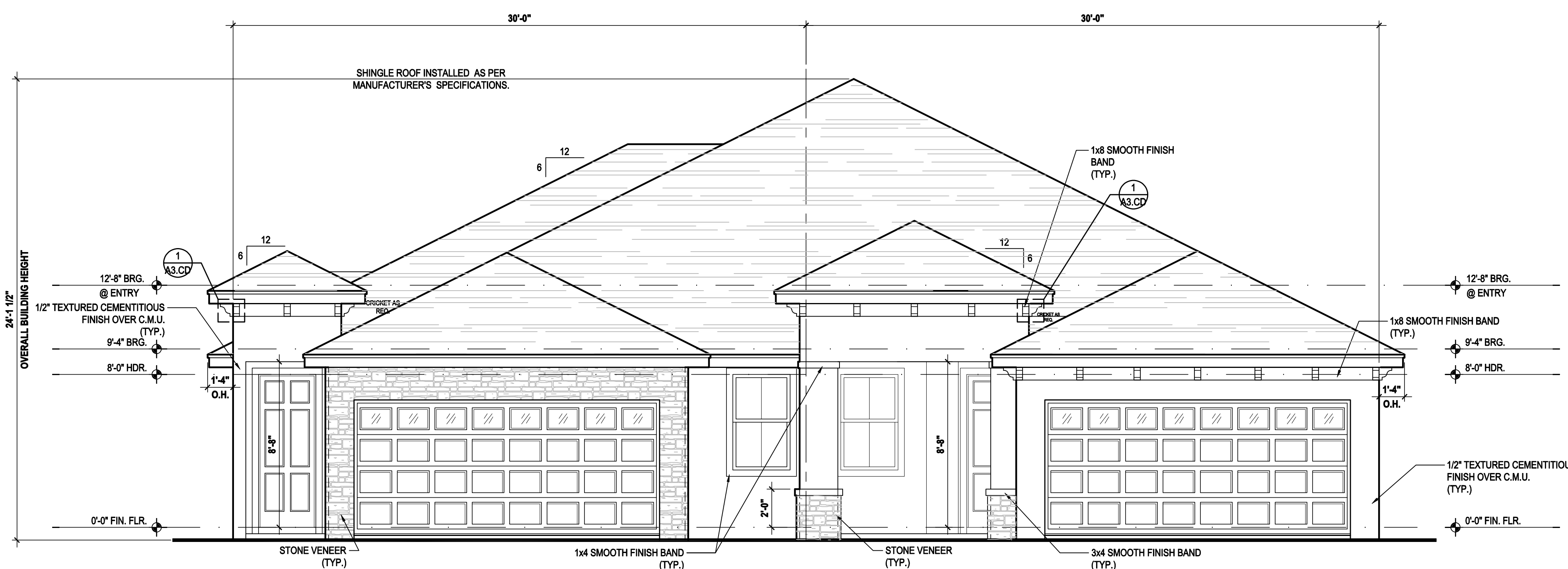
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5200 Vineland Rd., Suite # 200
Orlando, FL 32811
Phone: (407) 529-3000

PROJECT: 00-0000
SCALE: AS NOTED
DRAWN BY: C.C./G.P.
DESIGNED BY: MJS

PLAN OVERALL

A2.DD.1

Nov 28, 2023, 3:16pm
 mjsuser\jpark square homes\MODEL\TOWNHOME MODEL\Townhomes (Orlando)\1 - Townhome Models\Paired Villas\New Paired Villas\A3.CD Ext. Elevations, Details & Plans.dwg
 REPRODUCTION OF THE ILLUSTRATIONS OR WORKING DRAWINGS BY ANY MEANS IS STRICTLY PROHIBITED UNLESS LICENSED BY MJS, INC.



Pacific
 LOT# XX

Gulf
 LOT# XX

Front Elevation "CD"
 (Shingle)
 SCALE 1/4" = 1'-0"

ATTIC VENT CALC'S:

2020 FLORIDA BUILDING CODE (7TH 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)

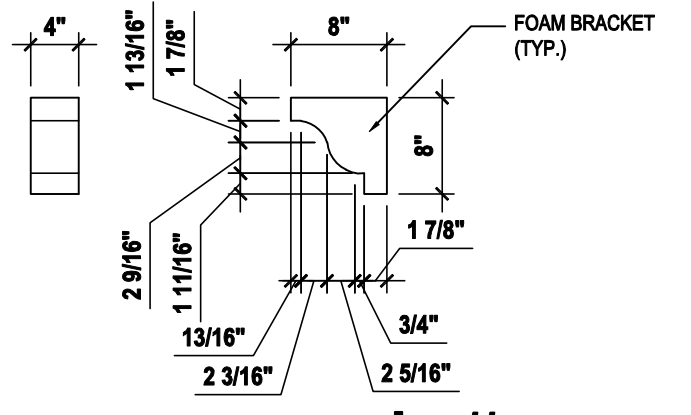
MINIMUM NET VENTILATION AREA SHALL BE 1/30 OF VENTED SPACE.

TOTAL VENTED SPACE: 4,746 = 15.82 SF. NET FREE REQUIRED
 300

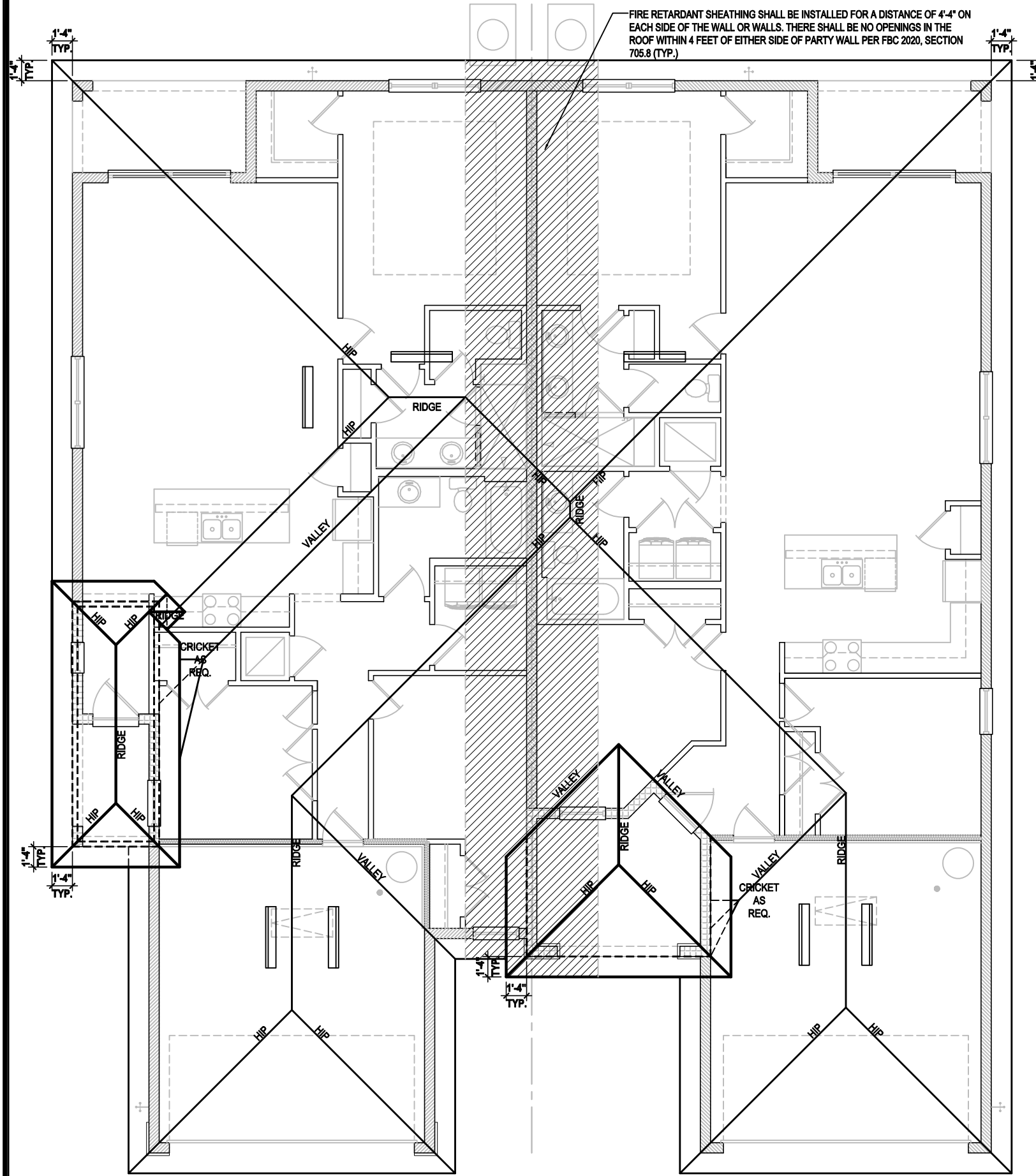
UPPER PORTION VENTILATION TOTAL: 6,328 SF.
 TO BE PROVIDED w/ OFF RIDGE VENTS:
 8 VENTS @ .795 / PER VENT

LOWER PORTION VENTILATION TOTAL: 9,492 SF.
 TO BE PROVIDED w/ SOFFITS @ EAVE:
 80.00 LF. @ 0.07455 SF. VENTING/LF.

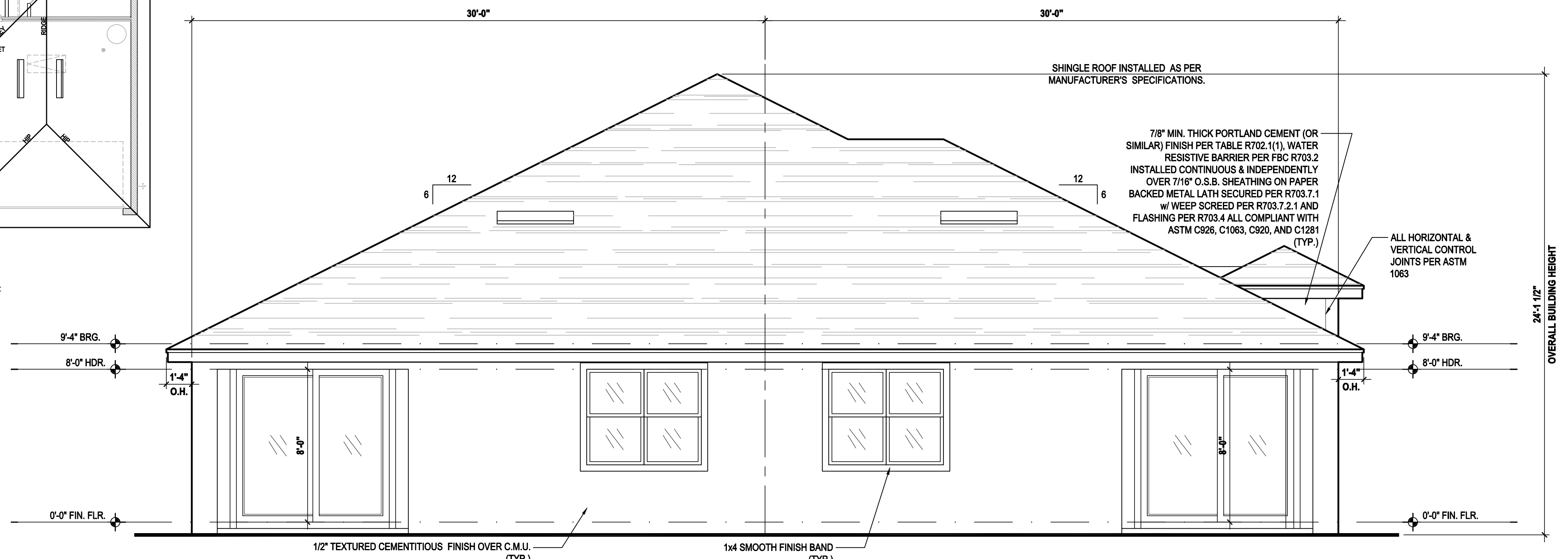
UPPER ROOF PERCENTAGE: 40%
 LOWER ROOF PERCENTAGE: 60%



Detail #1
 SCALE 3/4" = 1'-0"



Roof Layout "CD"
 SCALE 1/8" = 1'-0"



Gulf
 LOT# XX

Pacific
 LOT# XX

Rear Elevation "CD"
 (Shingle)
 SCALE 1/4" = 1'-0"

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MJS
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Paired Villas
 Models: (Pacific-Pacific), (Pacific-Gulf), (Gulf-Gulf)

Lot# XX-XX
 Street Address
 City, State, Zip Code

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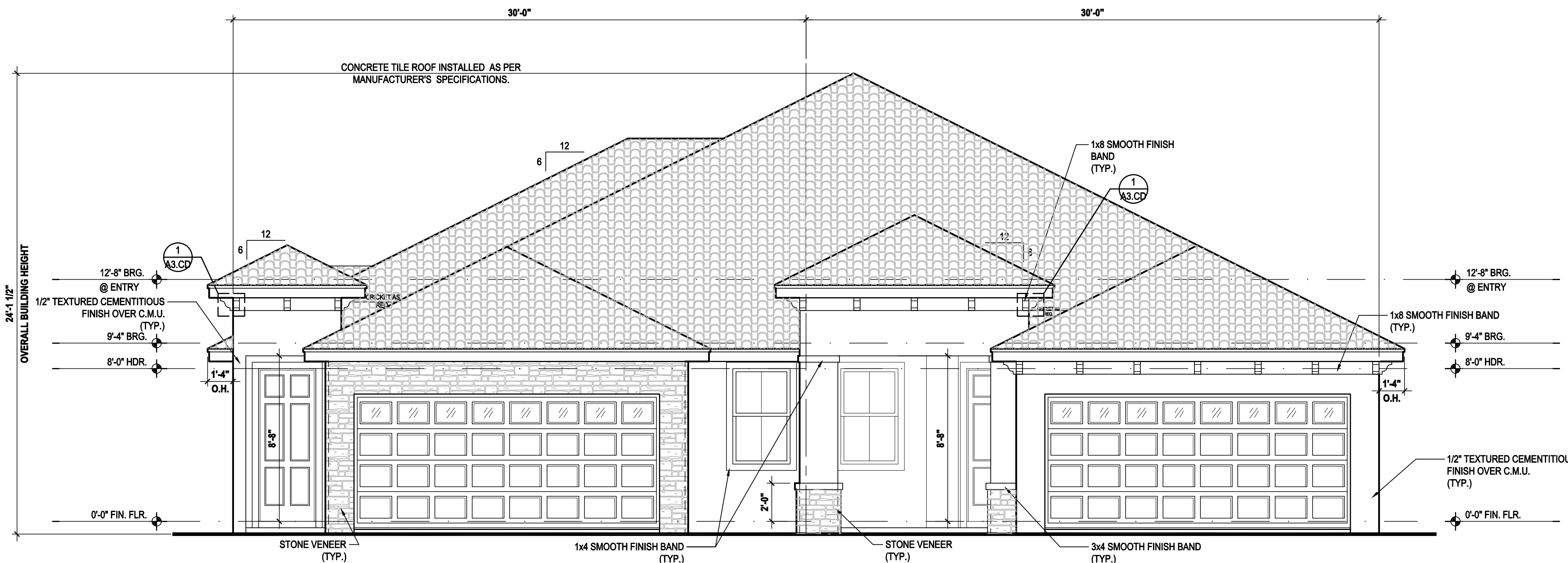
REVISIONS

PROJECT: 00-0000
 SCALE: AS NOTED
 DRAWN BY: C.C./G.P.
 DESIGNED BY: MJS

ELEVATIONS

A3.CD

Nov 28, 2023, 3:16pm
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Pacific
 LOT# XX
Gulf
 LOT# XX

Front Elevation "CD"
 (Tile)
 SCALE 1/4" = 1'-0"

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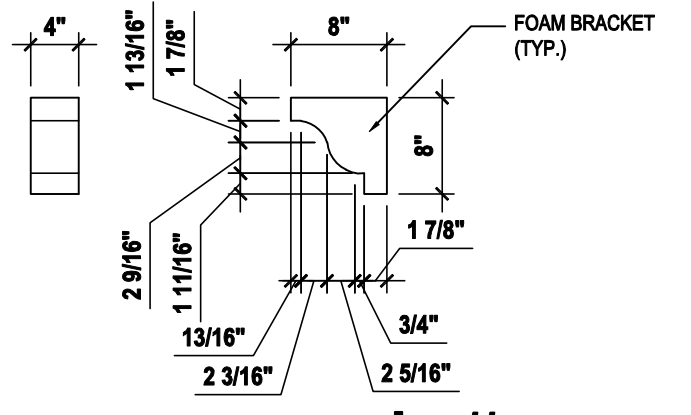
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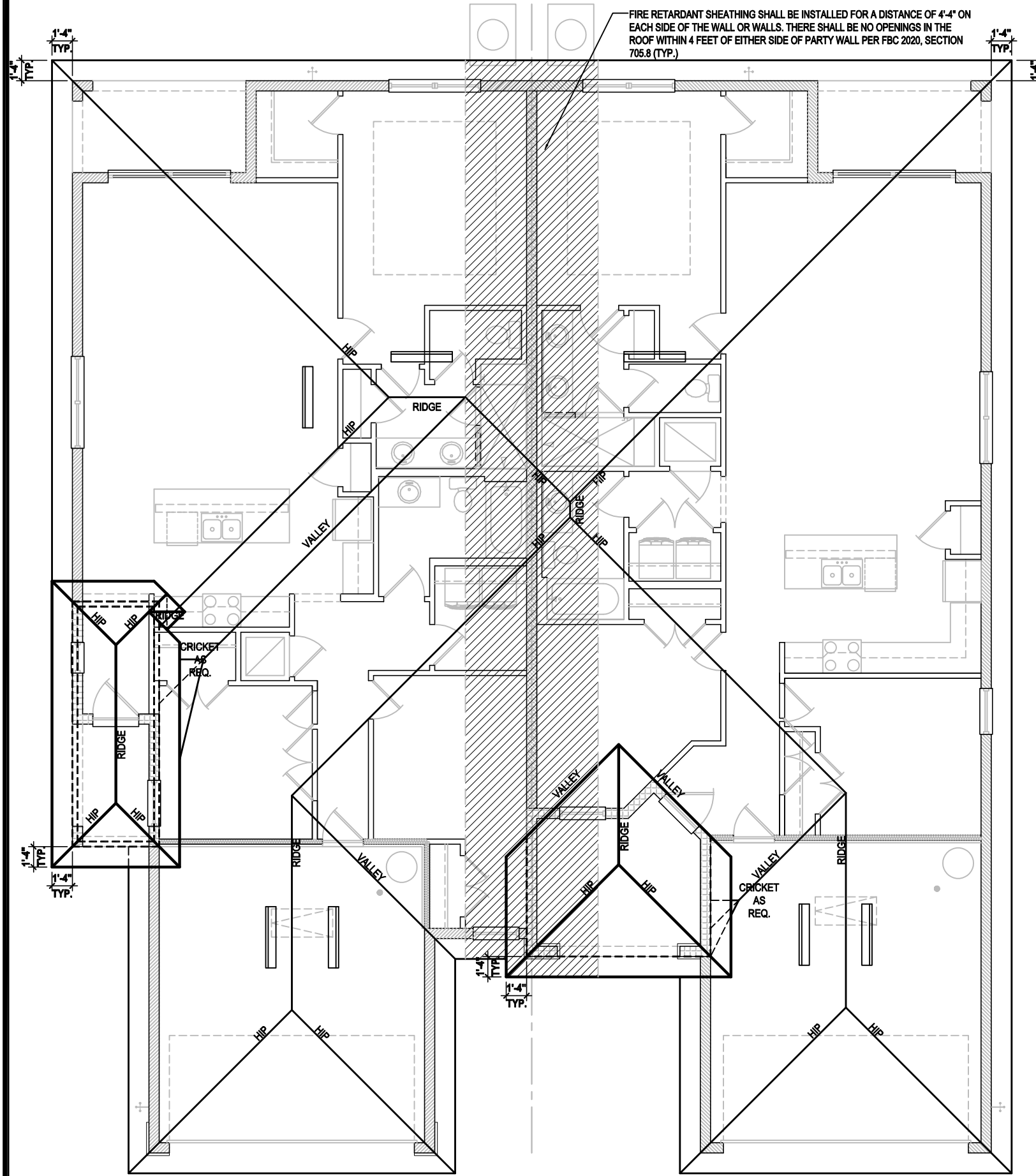
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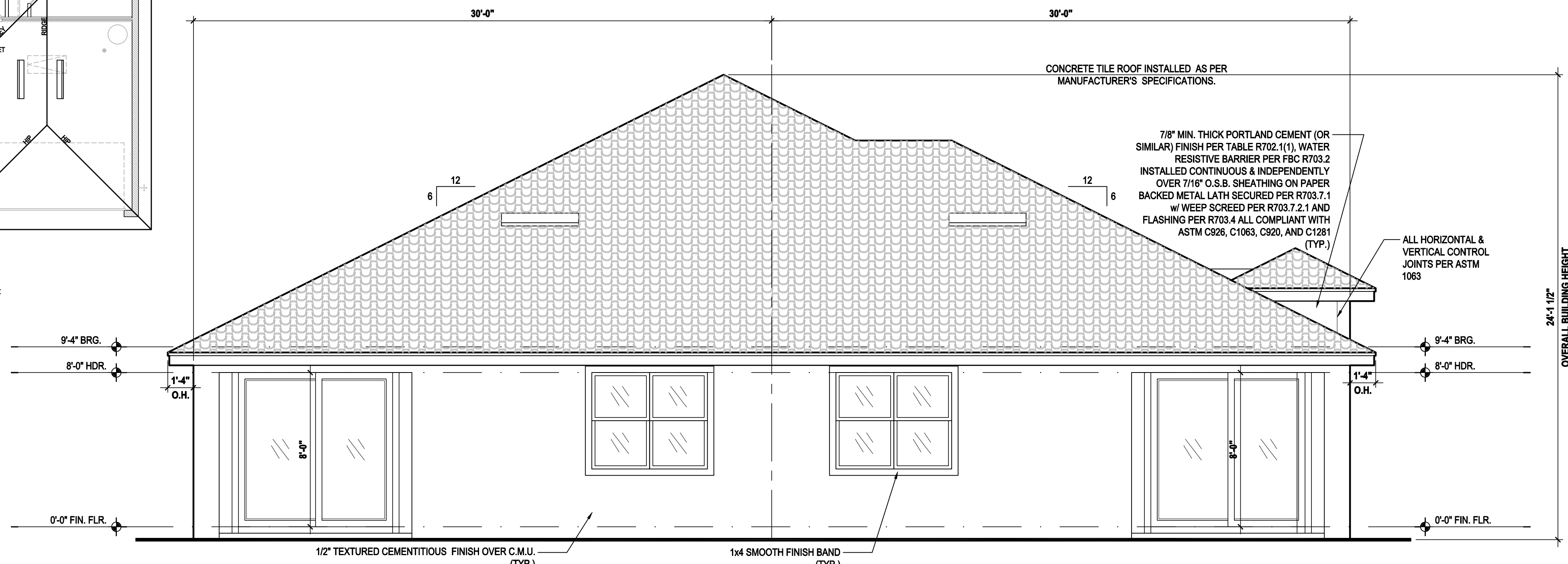
UPPER ROOF PERCENTAGE: 40%
 LOWER ROOF PERCENTAGE: 60%



Detail #1
 SCALE 3/4" = 1'-0"



Roof Layout "CD"
 SCALE 1/8" = 1'-0"



Gulf
 LOT# XX
Pacific
 LOT# XX

Rear Elevation "CD"
 (Tile)
 SCALE 1/4" = 1'-0"

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Paired Villas
 Models: (Pacific-Pacific), (Pacific-Gulf), (Gulf-Gulf)

Lot# XX-XX
 Street Address
 City, State, Zip Code

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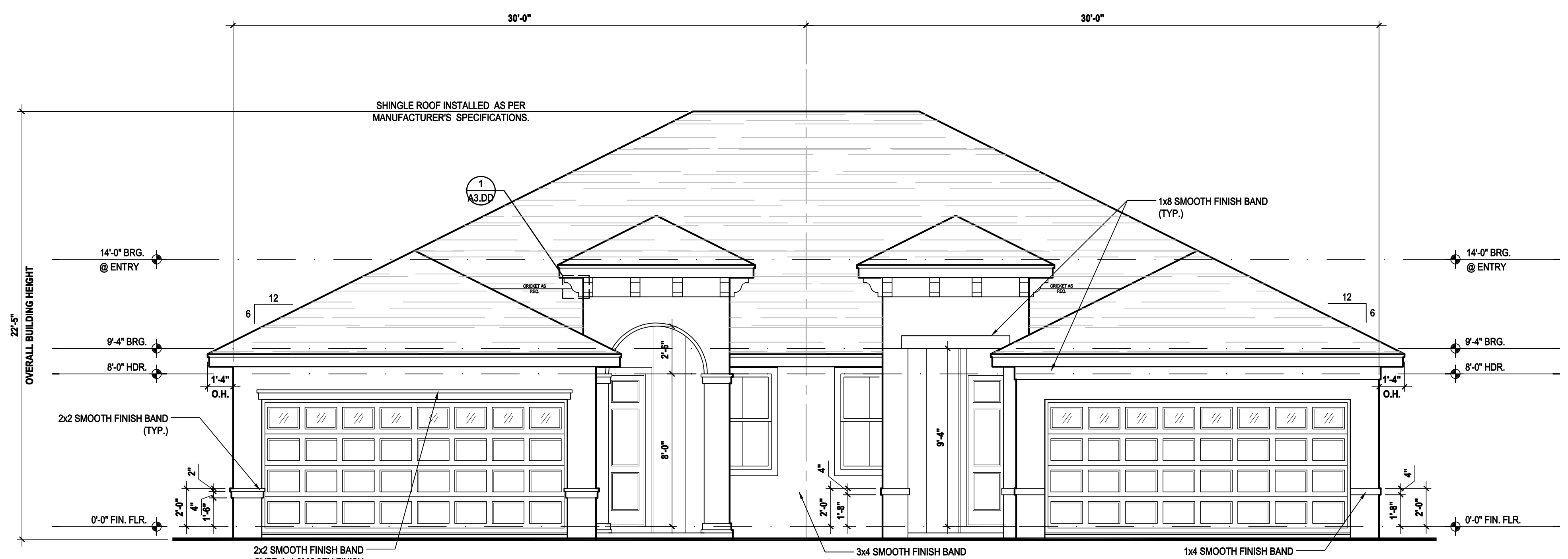
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REVISIONS

ELEVATIONS
A3.CD.1

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 DESIGNED BY: MJS



Gulf LOT# XX

Front Elevation "DD"

(Shingle)

SCALE 1/4" = 1'-0"

Gulf LOT# XX

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 (OFF-RIDGE VENT MAXIMUM OPENING SIZES)

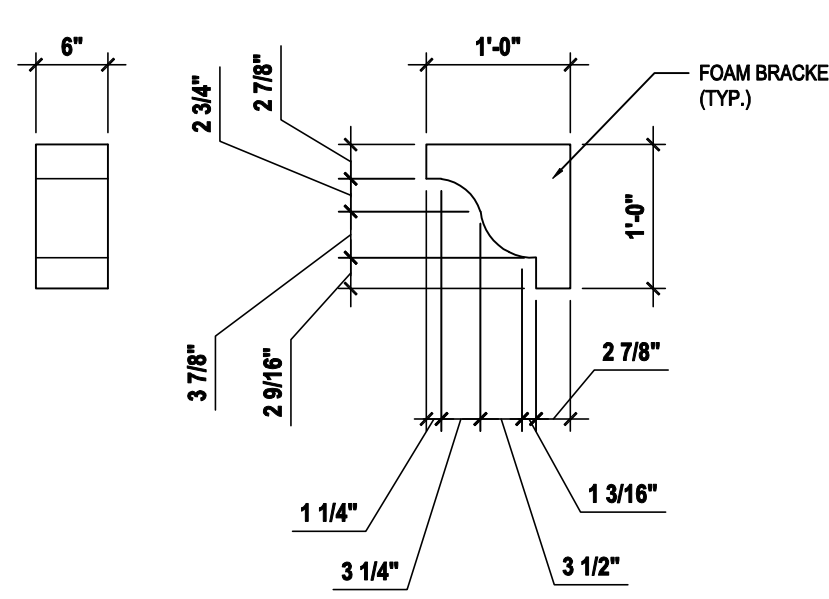
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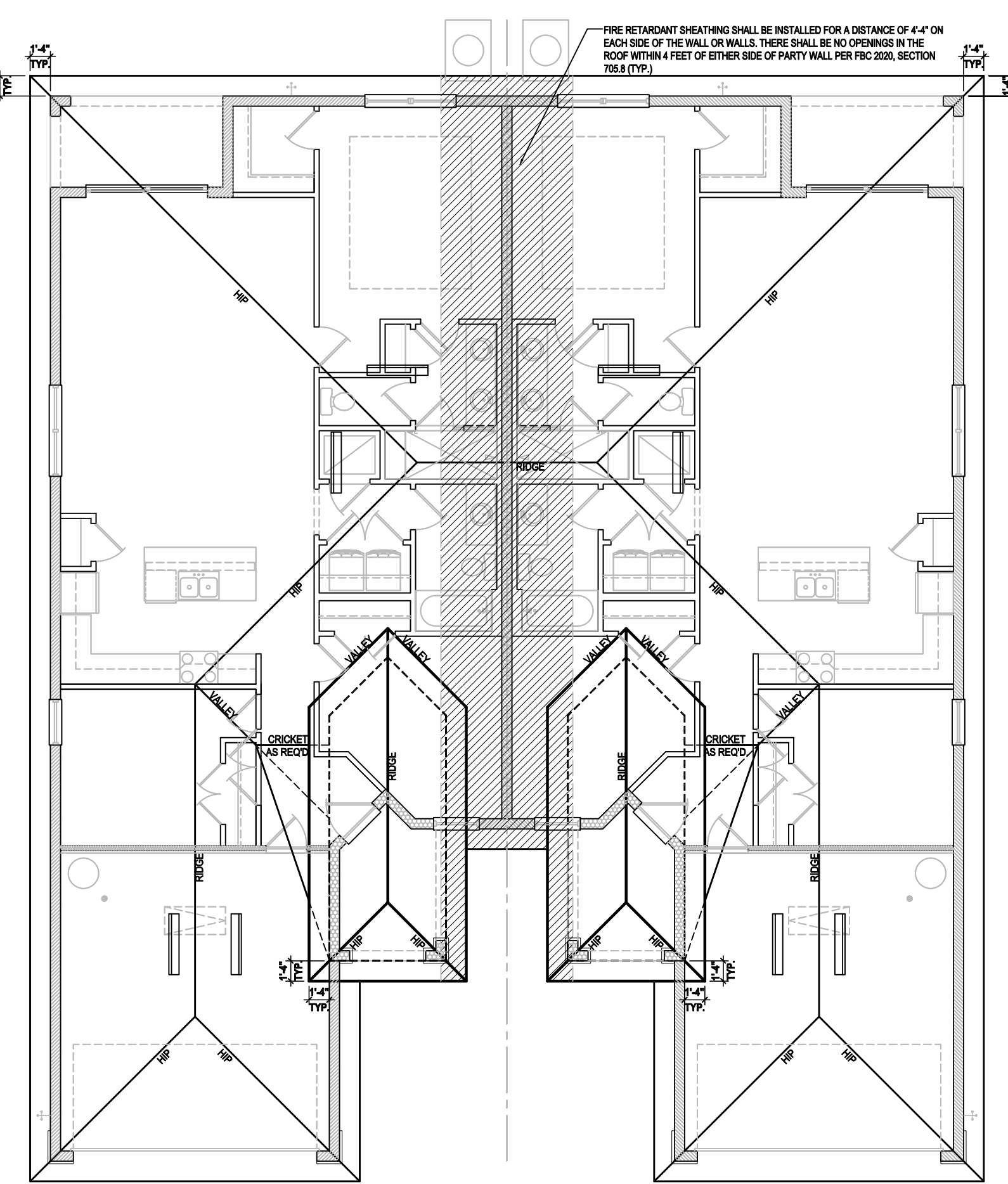
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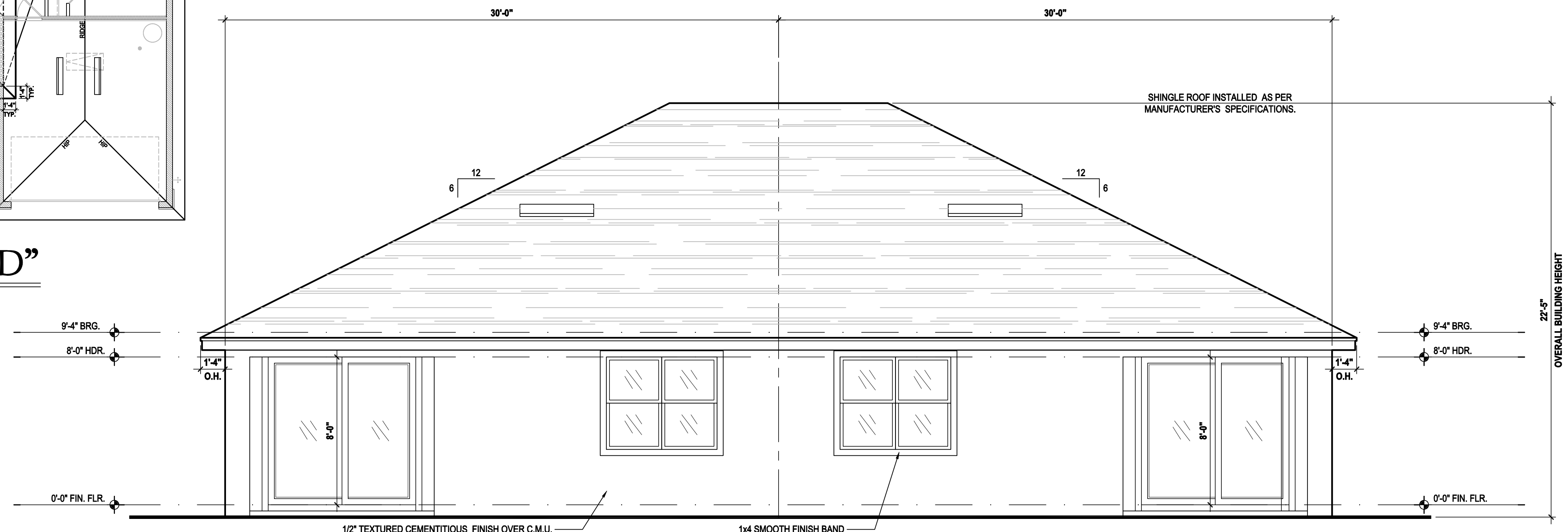
Detail #1

SCALE 3/4" = 1'-0"



Roof Layout "DD"

SCALE 1/8" = 1'-0"



Gulf LOT# XX

Rear Elevation "DD"

(Shingle)

SCALE 1/4" = 1'-0"

Gulf LOT# XX

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Paired Villas

Models: (Pacific-Pacific), (Pacific-Gulf), (Gulf-Gulf)

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Lot # XX-XX
 Street Address
 City, State, Zip Code

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ISSUE DATE: 08/10/2023

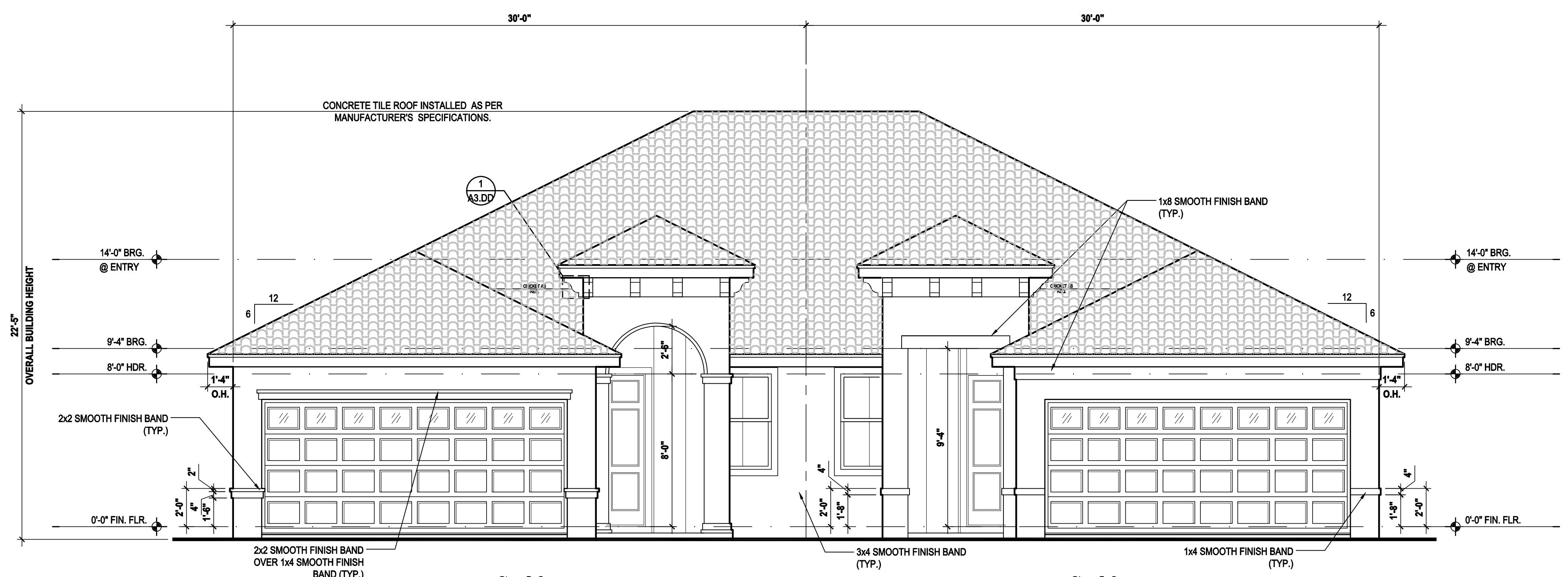
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ELEVATIONS

A3.DD

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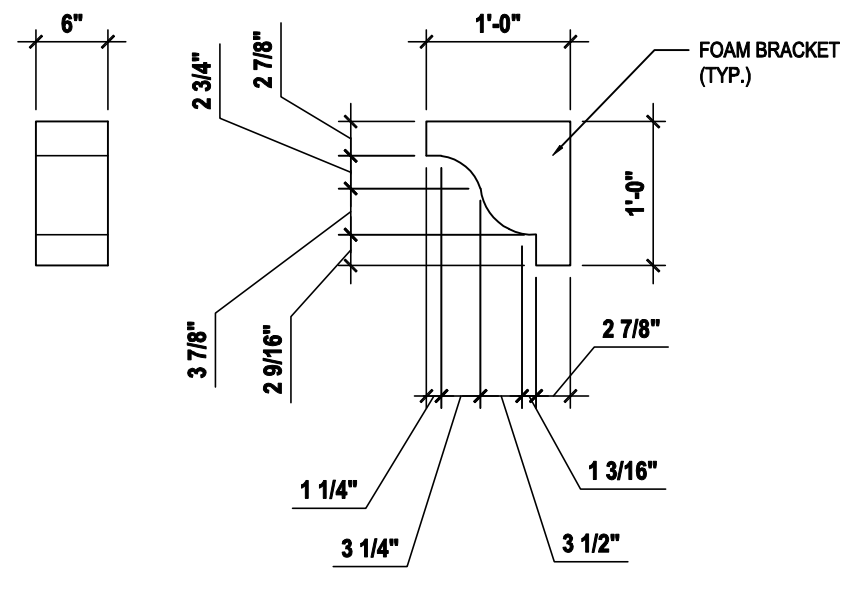


Gulf
LOT# XX

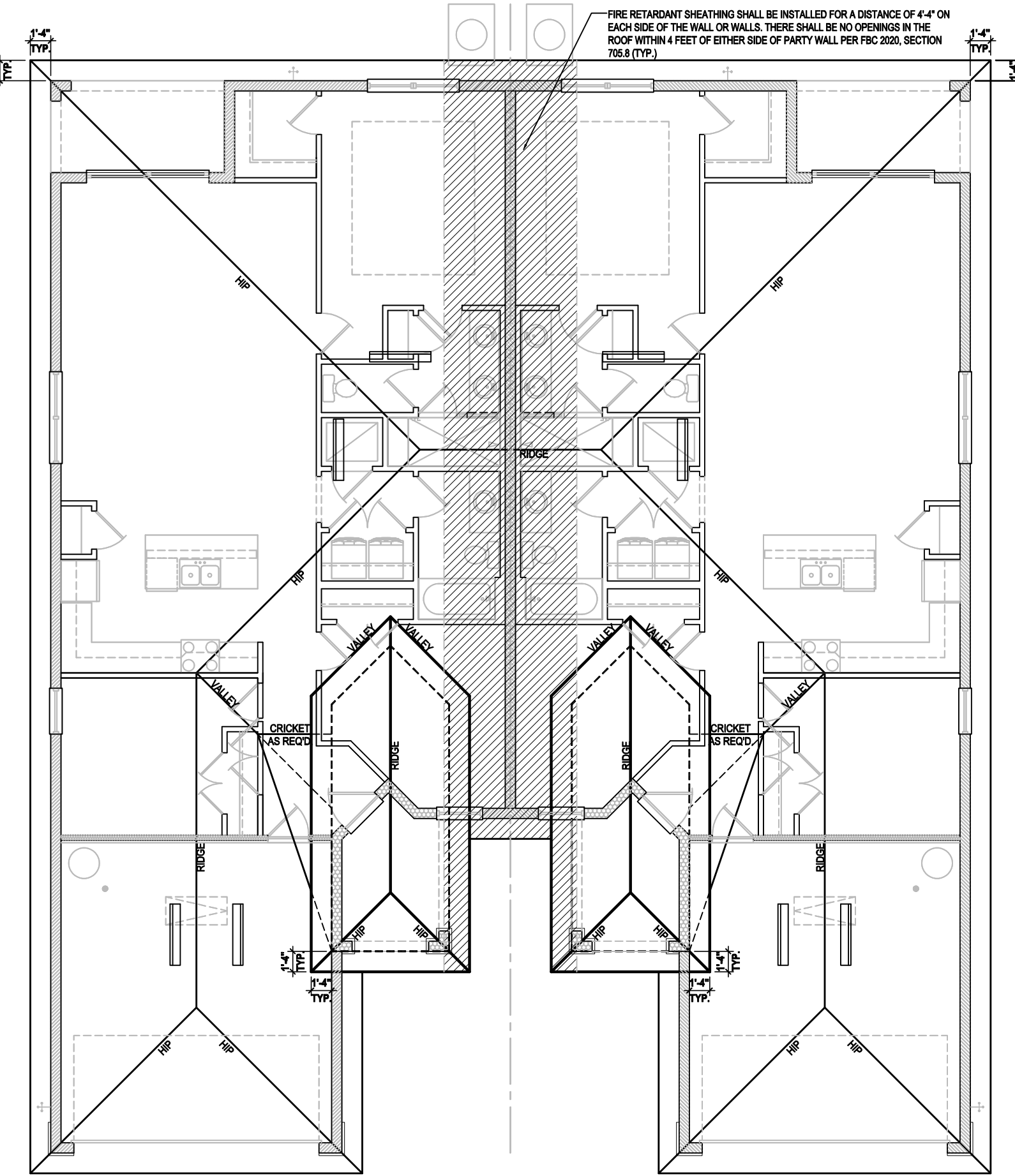
Front Elevation "DD"
(Tile)

SCALE 1/4" = 1'-0"

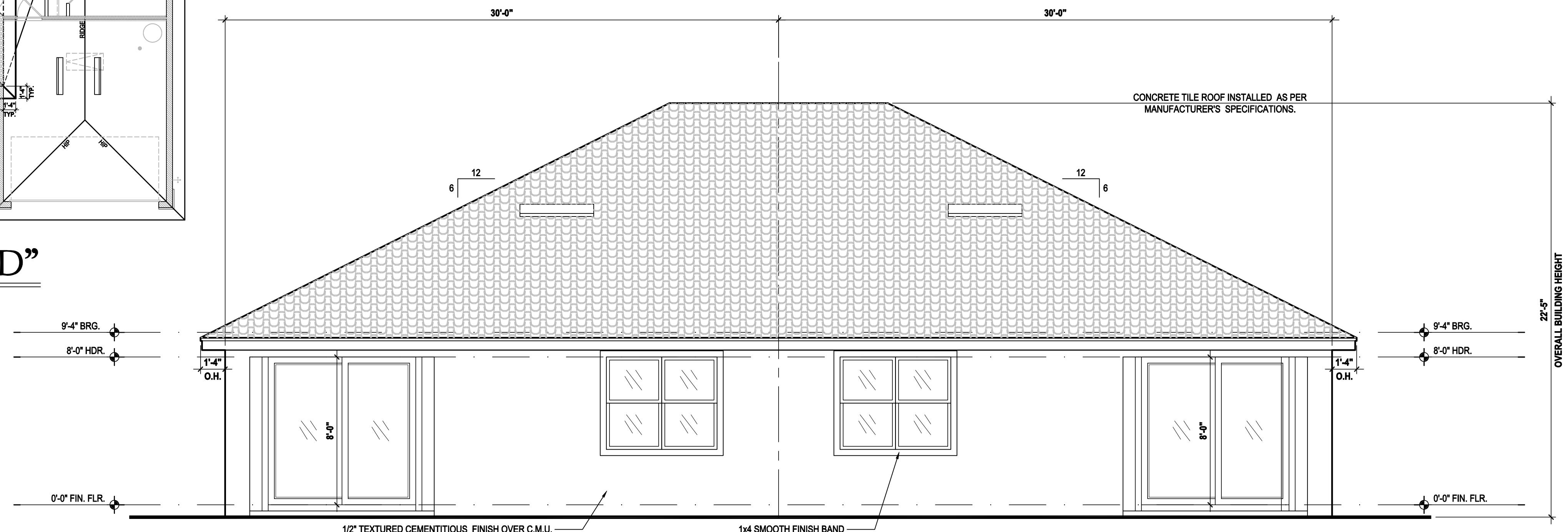
Gulf
LOT# XX



Detail #1
SCALE 3/4" = 1'-0"



Roof Layout "DD"
SCALE 1/8" = 1'-0"



Gulf
LOT# XX

Rear Elevation "DD"
(Tile)

SCALE 1/4" = 1'-0"

Gulf
LOT# XX

ATTIC VENT CALC'S:

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 (OFF-RIDGE VENT MAXIMUM OPENING SIZES)

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 300 REQUIRED

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 8 VENTS @ .795 / PER VENT

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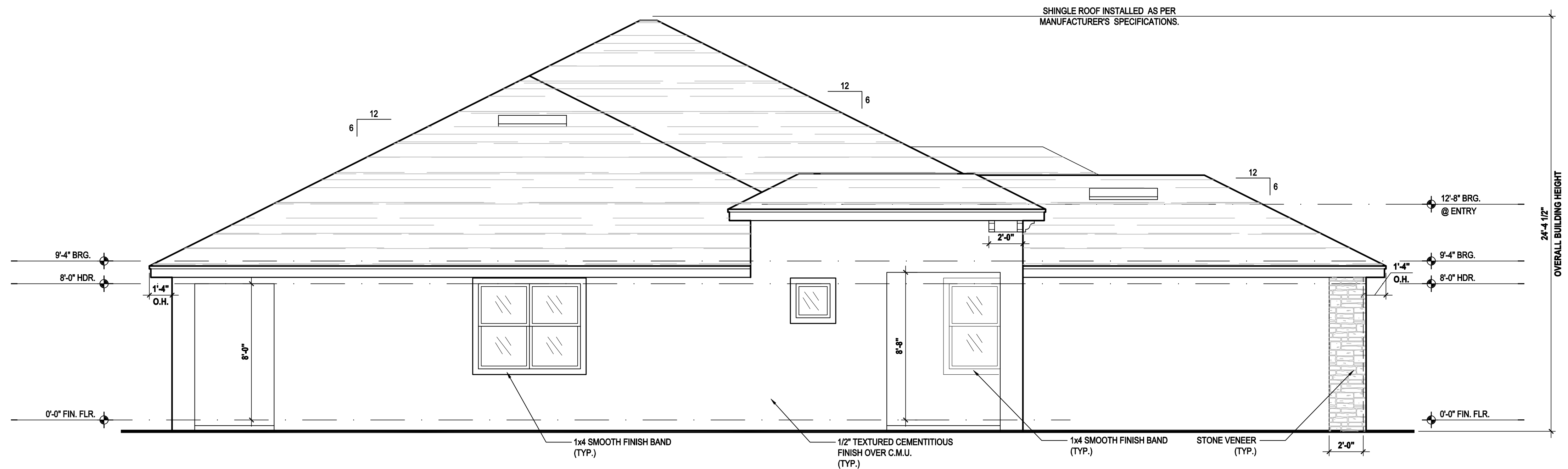
MITTEL DIMENSIONS SHALL HAVE PRECEDENCE OVER WRITTEN DIMENSIONS. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR DIMENSIONS AND CONDITIONS OF THE JOB AND MATERIALS. M.J.S. must be notified in writing of any changes in dimensions, conditions and specifications occurring on the job site.

ISSUE DATE	08/10/2023
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PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	C.C./G.P.
DESIGNED BY:	MJS

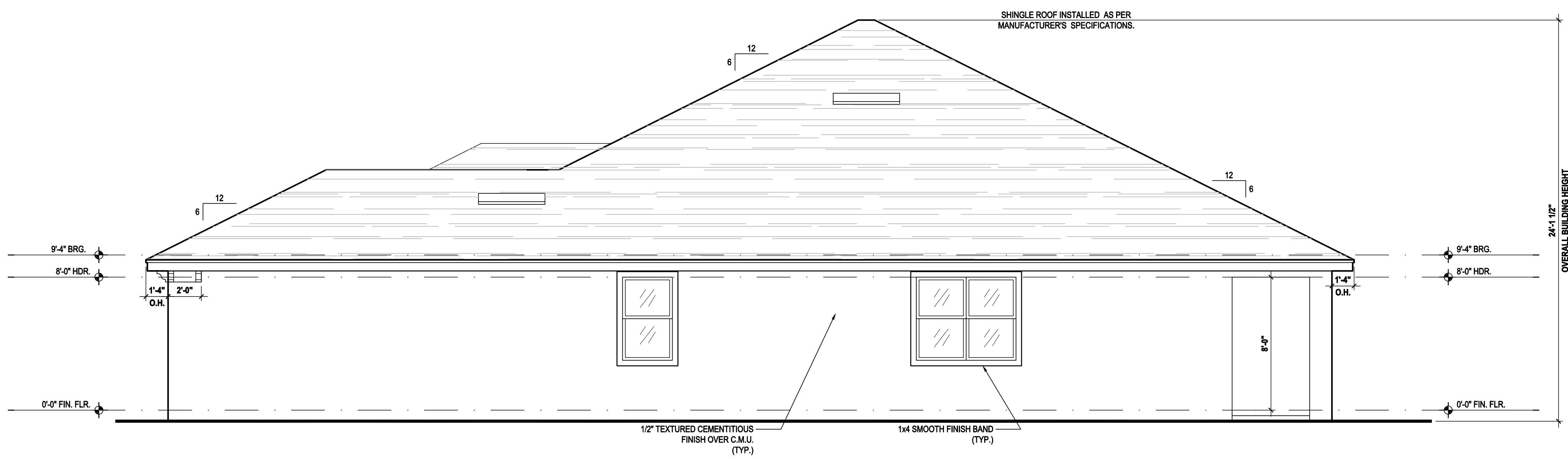
ELEVATIONS

A3.DD.1

Nov 28, 2023, 3:19pm rjjsuser\j:\Park Square Homes\MODEL\TOWNHOME MODEL\Townhomes (Orlando)\1- Townhome Models\Paired Villas\New Paired Villas\A4.CD Ext. Elevations, Left & Right.dwg THIS PUBLICATION IS PROTECTED UNDER THE COPYRIGHT LAW. REPRODUCTION OF THE ILLUSTRATIONS OR WORKING DRAWINGS BY ANY MEANS IS STRICTLY PROHIBITED UNLESS LICENSED BY M.S., INC.



Left Elevation "CD"
(Shingle)
SCALE: 1/4" = 1'-0"



Right Elevation "CD"
(Shingle)
SCALE: 1/4" = 1'-0"

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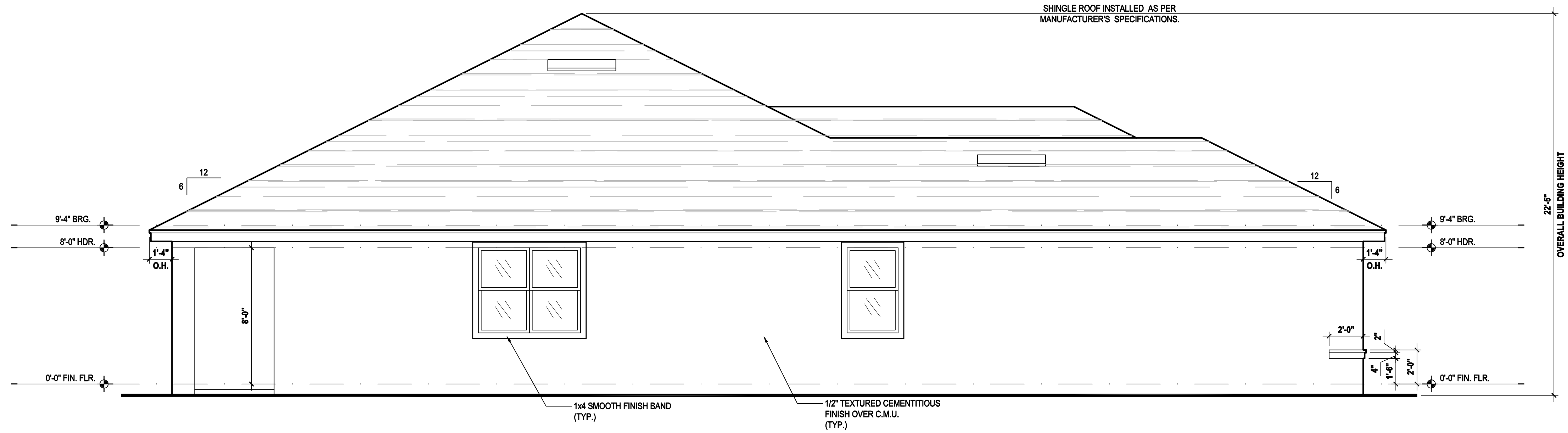
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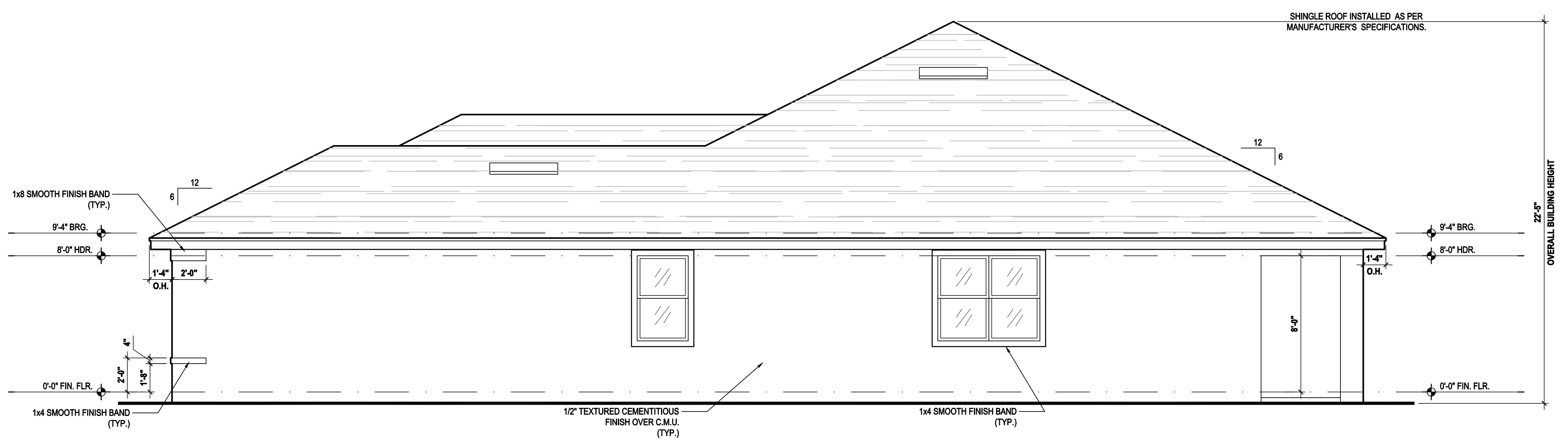
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400 Vineland Road Suite A8 Orlando, FL 32811
Ph: (407) 734-1450
Fax: (407) 734-1790
www.iteg.com

ELEVATIONS
A4.CD

Nov 28, 2023, 3:19pm
 rjjsuser\Park Square Homes\MODELS\TOWNHOME MODEL\Townhomes (Orlando)\1- Townhome Models\Paired Villas\New Paired Villas\A4.DD Ext. Elevations\Left & Right\A4.DD Ext. Elevations.dwg
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Left Elevation "DD"
 (Shingle)
 SCALE: 1/4" = 1'-0"



Right Elevation "DD"
 (Shingle)
 SCALE: 1/4" = 1'-0"

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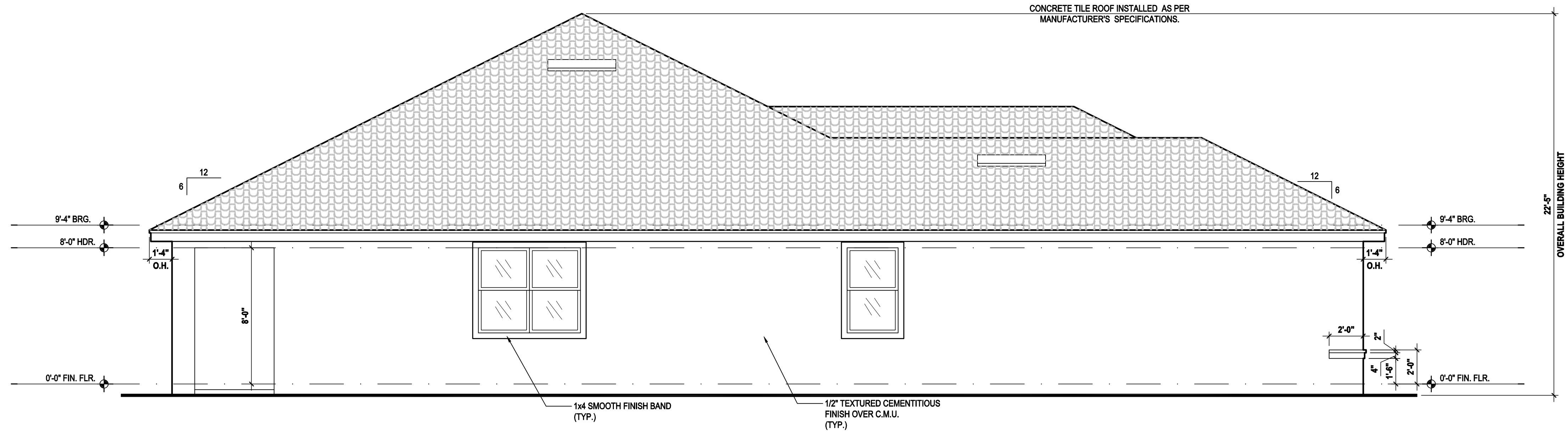
Paired Villas <small>Models: (Pacific-Pacific), (Pacific-Gulf), (Gulf-Gulf)</small>	Lot# XX-XX Street Address City, State, Zip Code
	A Division of Park Square Enterprises Inc. 5200 Vineland Rd., Suite #200 Orlando, FL 32811 Phone: (407) 529-3000
ISSUE DATE: 08/10/2023	PROJECT: 00-0000 SCALE: AS NOTED DRAWN BY: C.C./G.P. DESIGNED BY: MJS
ELEVATIONS A4.DD	

residential-commercial-architecture

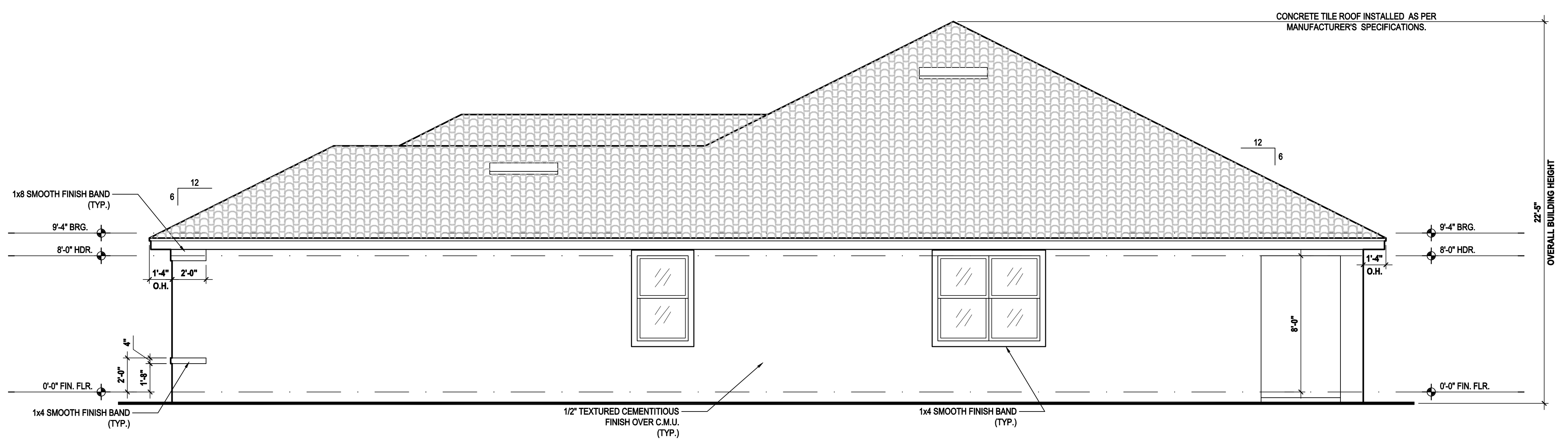
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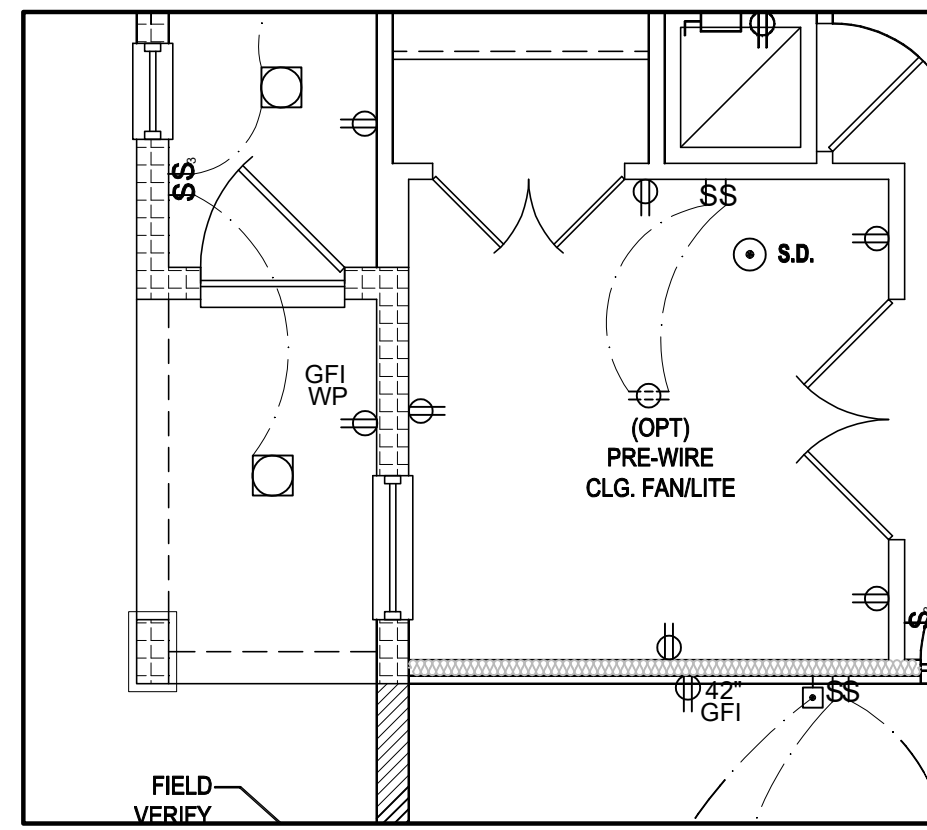
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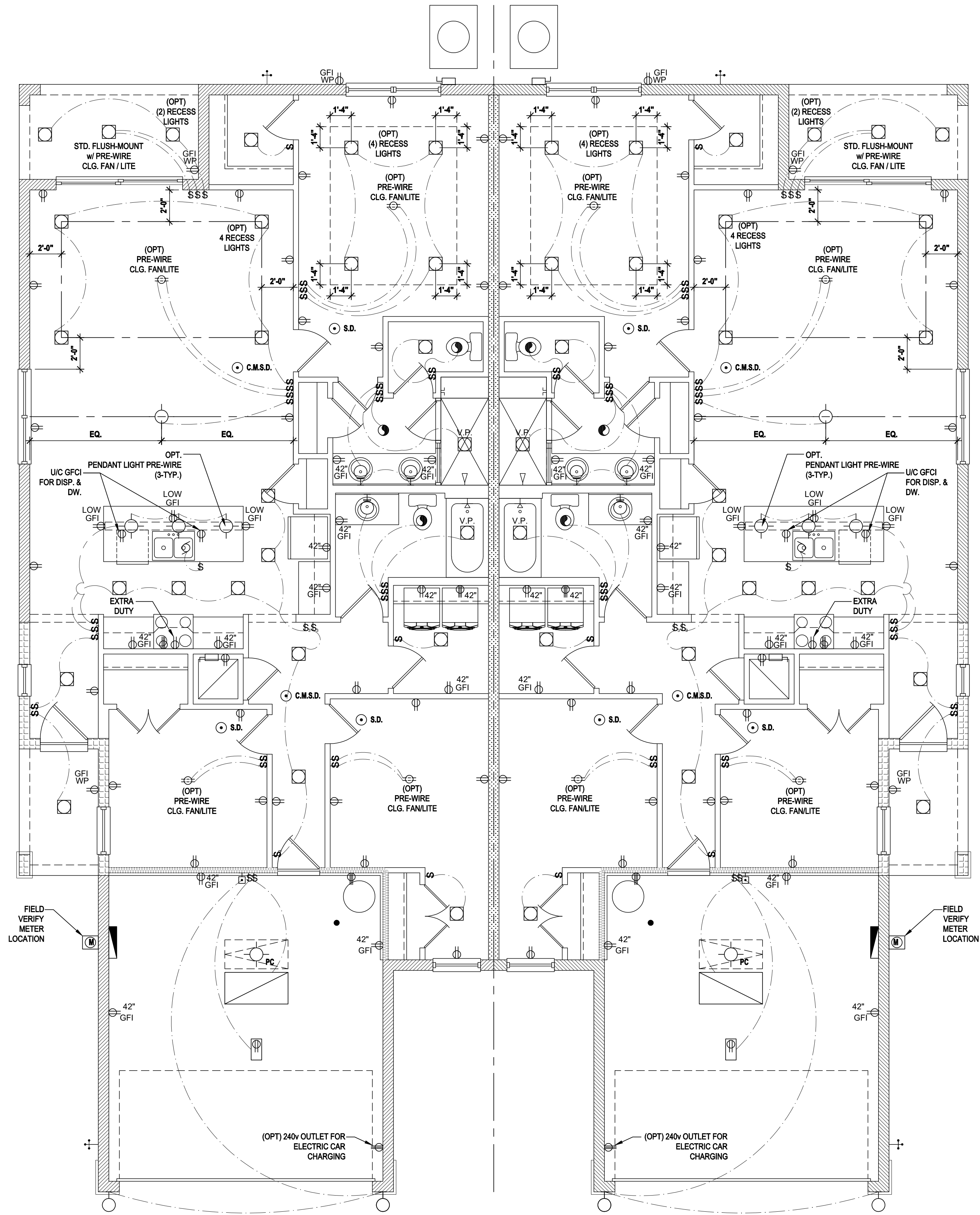
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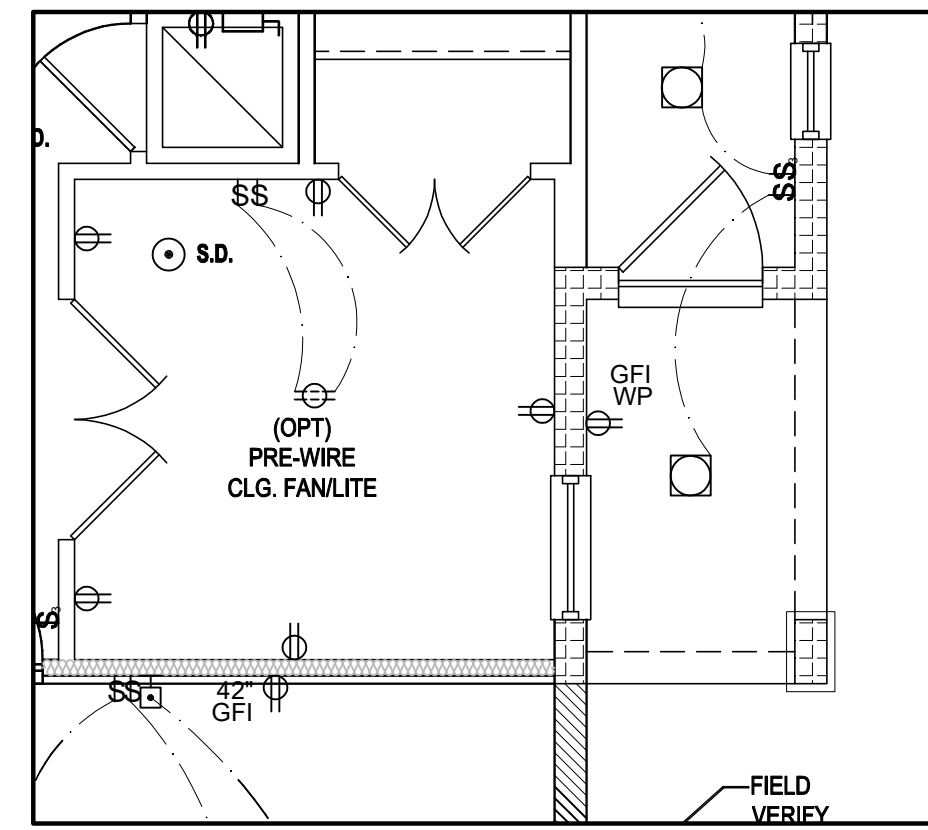


Opt. Study
SCALE: 1/4" = 1'-0"



Pacific
LOT# XX

Pacific
LOT# XX



Opt. Study
SCALE: 1/4" = 1'-0"

GENERAL NOTES KEY:

- BUILDER TO VERIFY EXACT LOCATION OF FLOOR OUTLETS IN FIELD.
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 - 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:**
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	FLOOR RECEPTACLE
	PRE-WIRE FOR CLG. FAN
	GROUND FAULT INTERRUPT
	WALL SWITCH
	3-WAY SWITCH
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	SPOT LIGHT
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	FAN / LIGHT COMBINATION
	GARBAGE DISPOSAL MOTOR
	SPEAKER
	JUNCTION BOX
	LOW VOLTAGE
	VAPOR PROOF
	ARC FAULT PROTECTION

Elec. Layout "CC"

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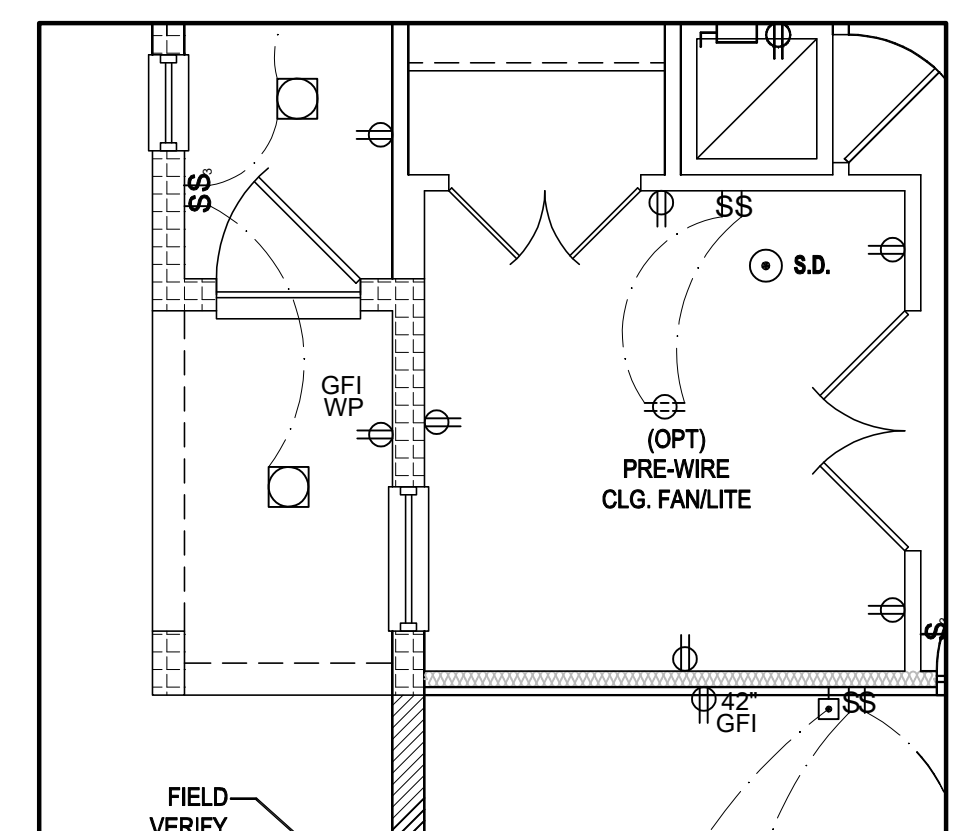
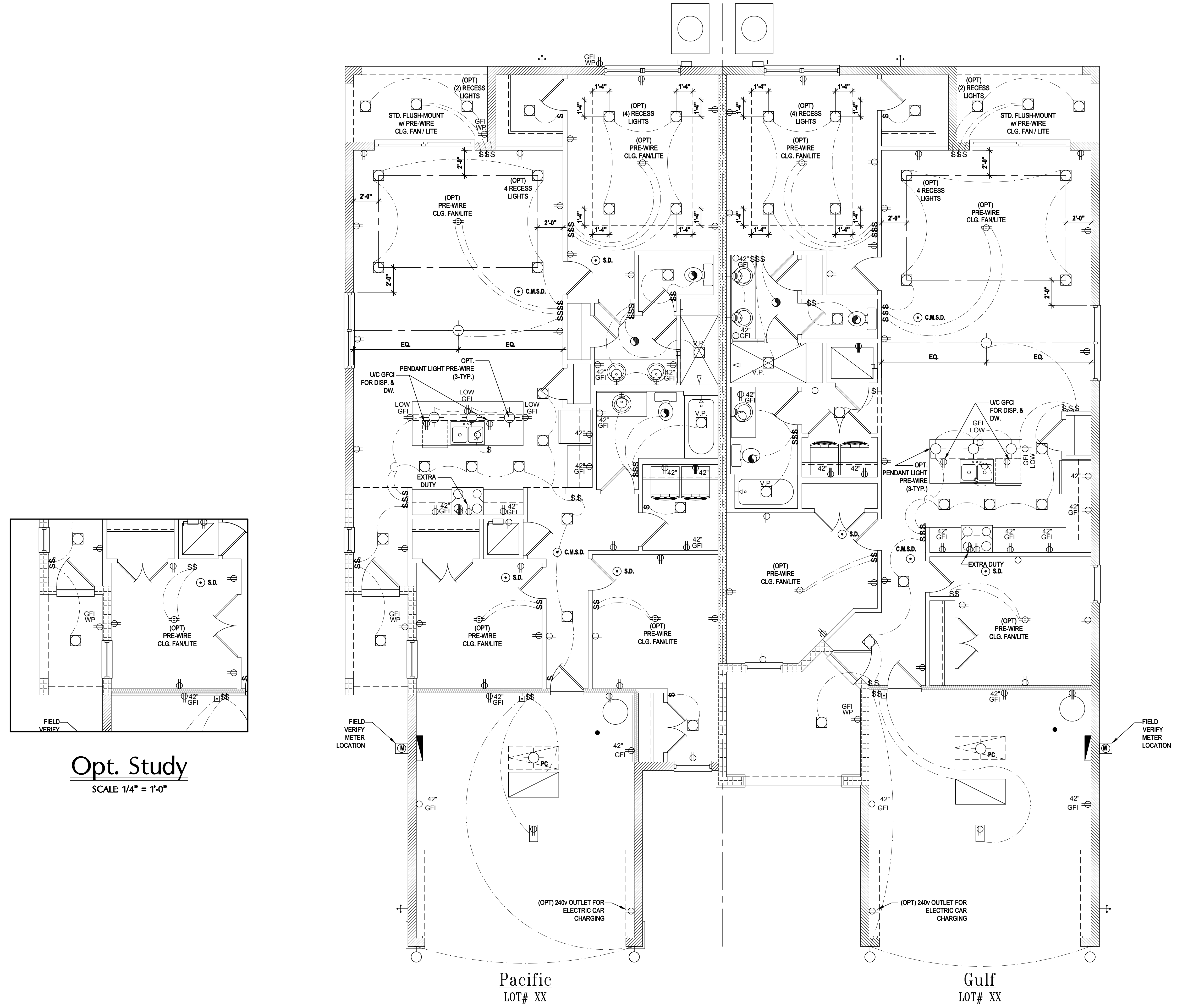
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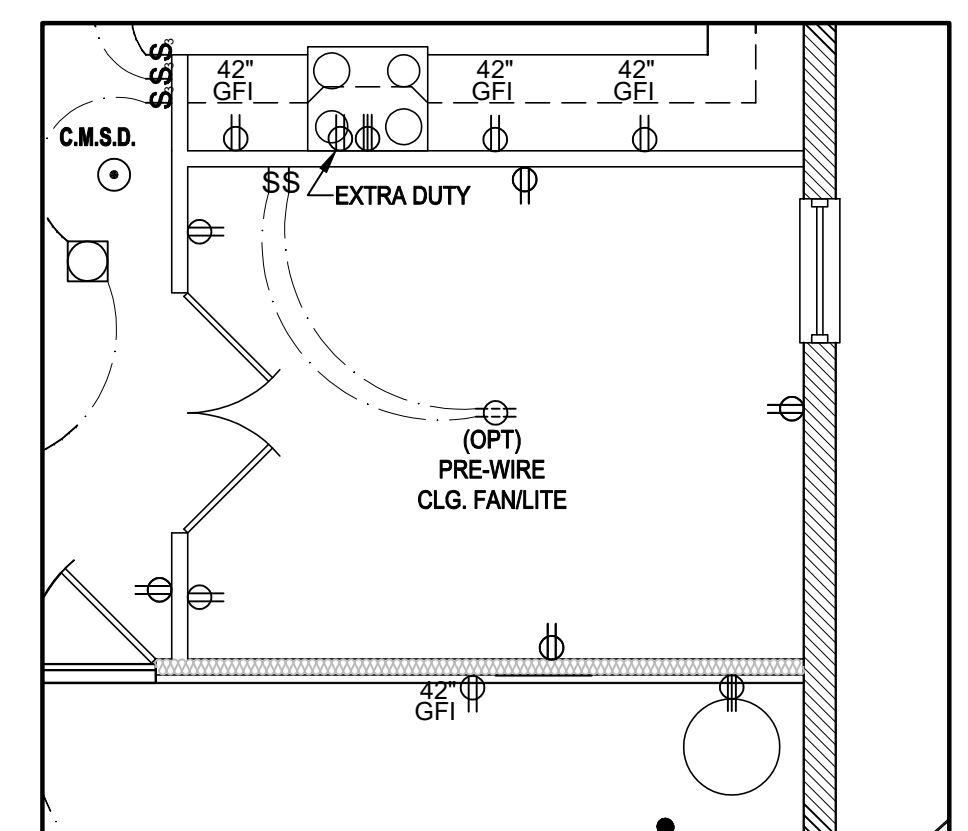


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ELEC. LAYOUT
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Elec. Layout "CD"
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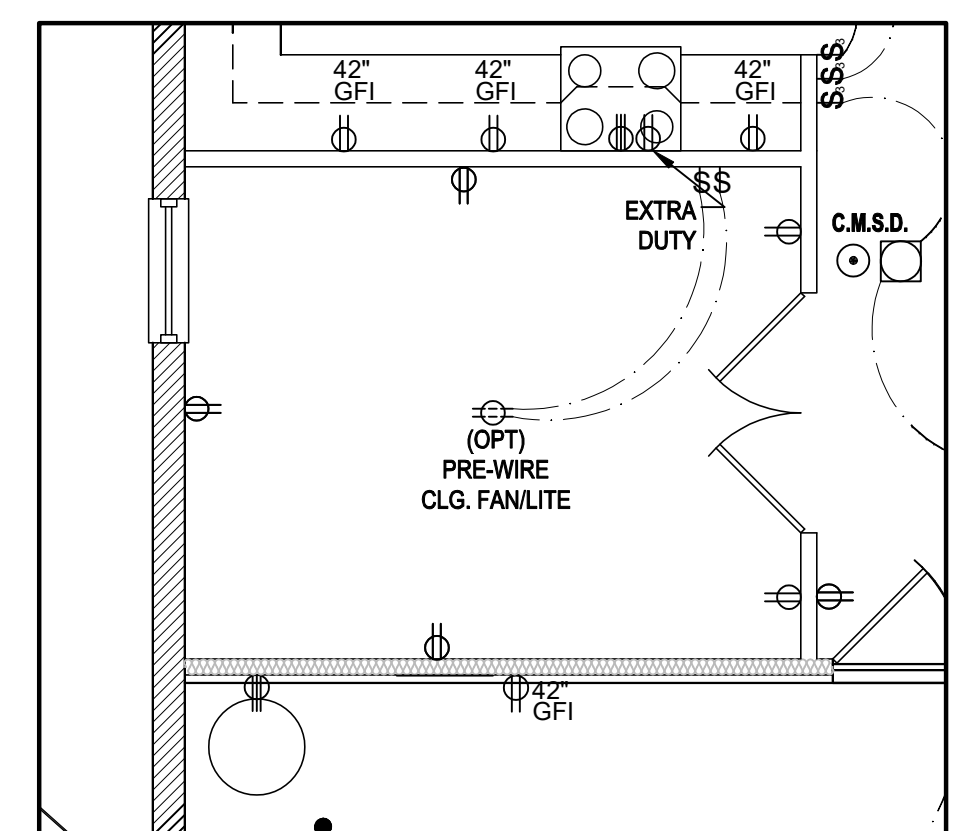
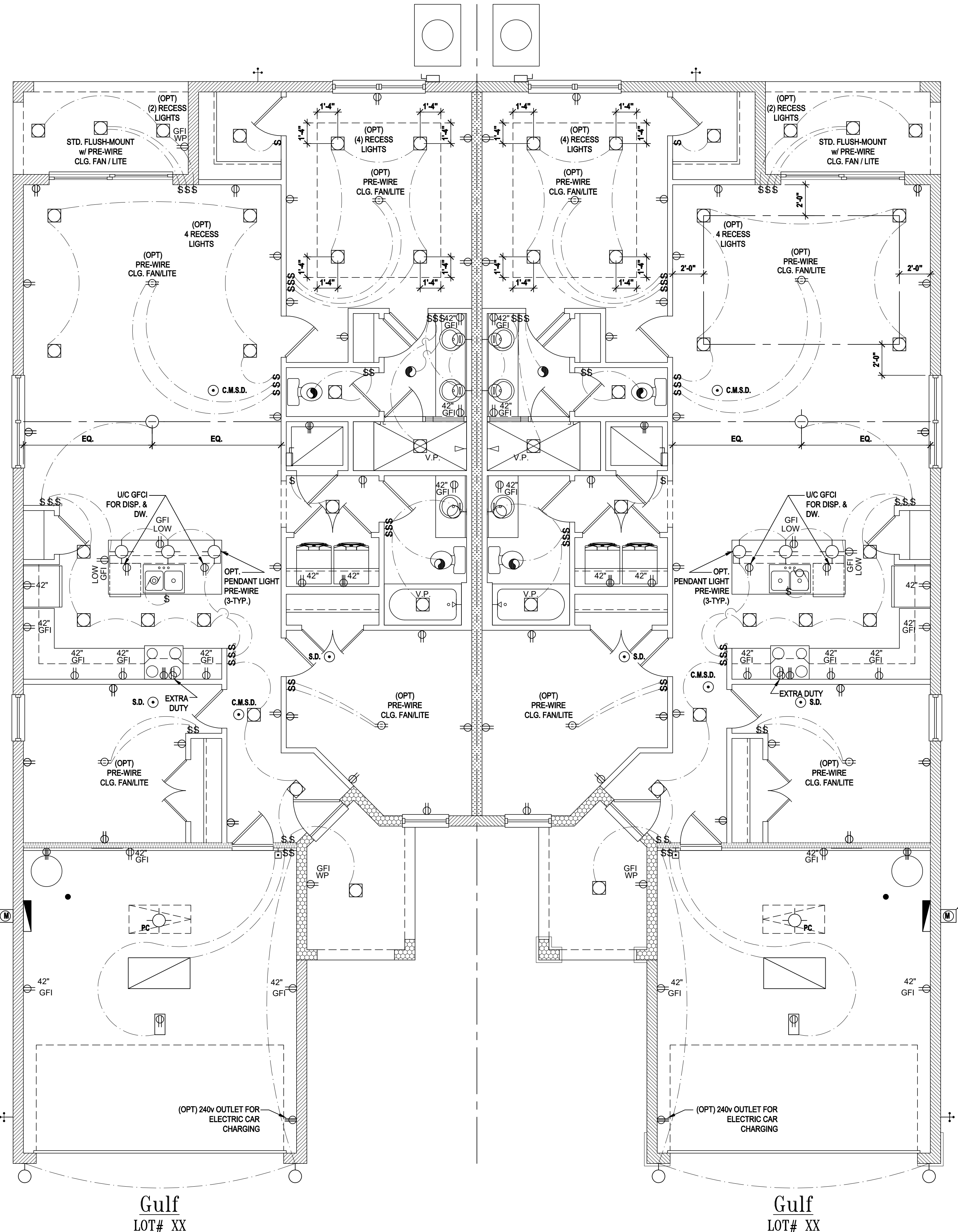
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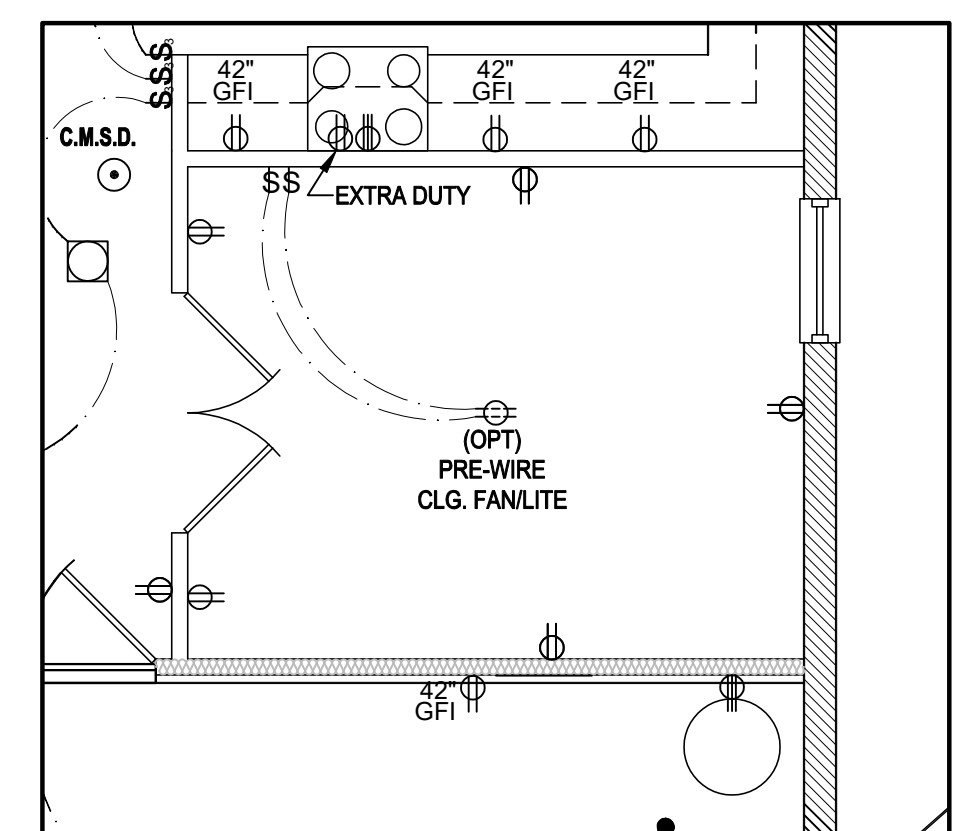
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ELEC. LAYOUT
E1.CD

Nov 28, 2023, 3:19pm mjsuser\jpark square homes\MODELS\TOWNHOME MODEL\STOWNHOME MODEL\STOWNHOME MODEL\Paired Villas\New Paired Villas\E1-DD Electrical Layout\dwg\SPANS IN THIS PUBLICATION ARE PROTECTED UNDER THE COPYRIGHT LAW. REPRODUCTION OF THE ILLUSTRATIONS OR WORKING DRAWINGS BY ANY MEANS IS STRICTLY PROHIBITED UNLESS LICENSED BY MJS, INC.



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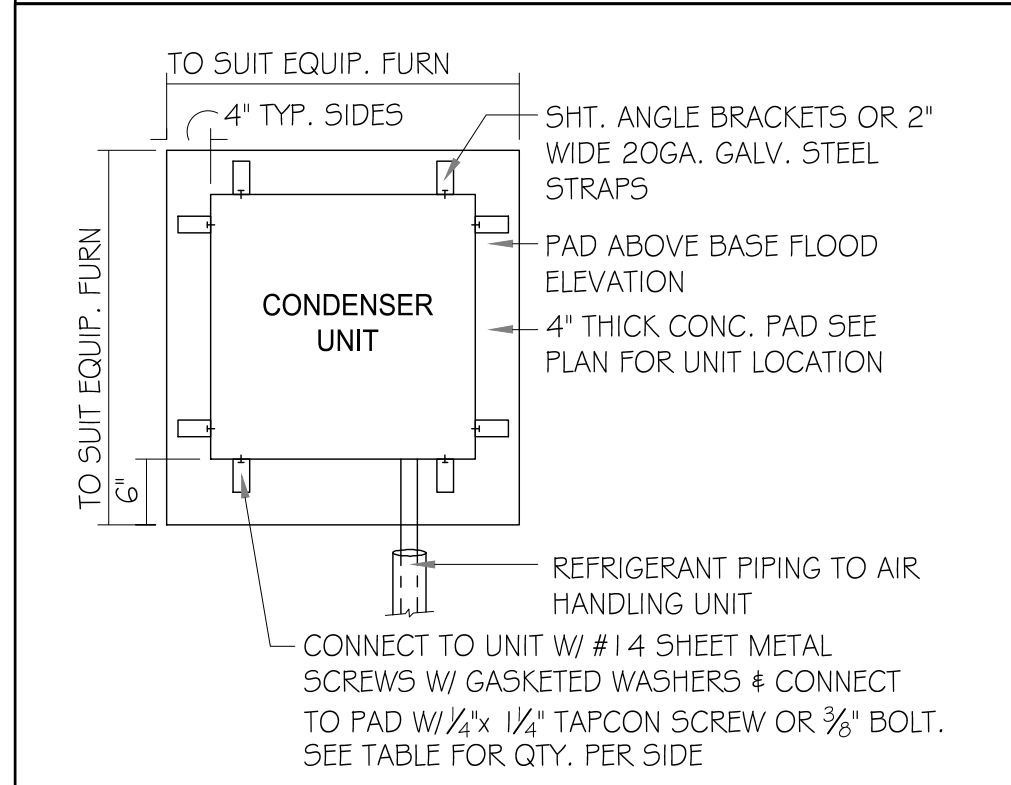
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Dec 01, 2023, 12:25pm Design:\Users\Design1\OneDrive - Thompson Engineering Group\Desktop\New Paired Villas-11282023\SI.CD Foundation Plan.dwg, L. DESIGN PLANS IN THIS PUBLICATION ARE PROTECTED UNDER THE COPYRIGHT LAW. REPRODUCTION OF THE ILLUSTRATIONS OR WORKING DRAWINGS BY ANY MEANS IS STRICTLY PROHIBITED UNLESS LICENSED BY MJS, INC.

FIELD REPAIR NOTES

- MISSED FOOTING DOWELS MAY BE SUBSTITUTED W/ A STRAIGHT #5 REBAR SET IN A 3/4" DIA. x 6" DEEP HOLE FILLED W/ UNITEK PROPOXY 300 OR SIMPSON SET OR ETP 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) MTS 1/2 @ TOP AND BOTTOM PLATE.



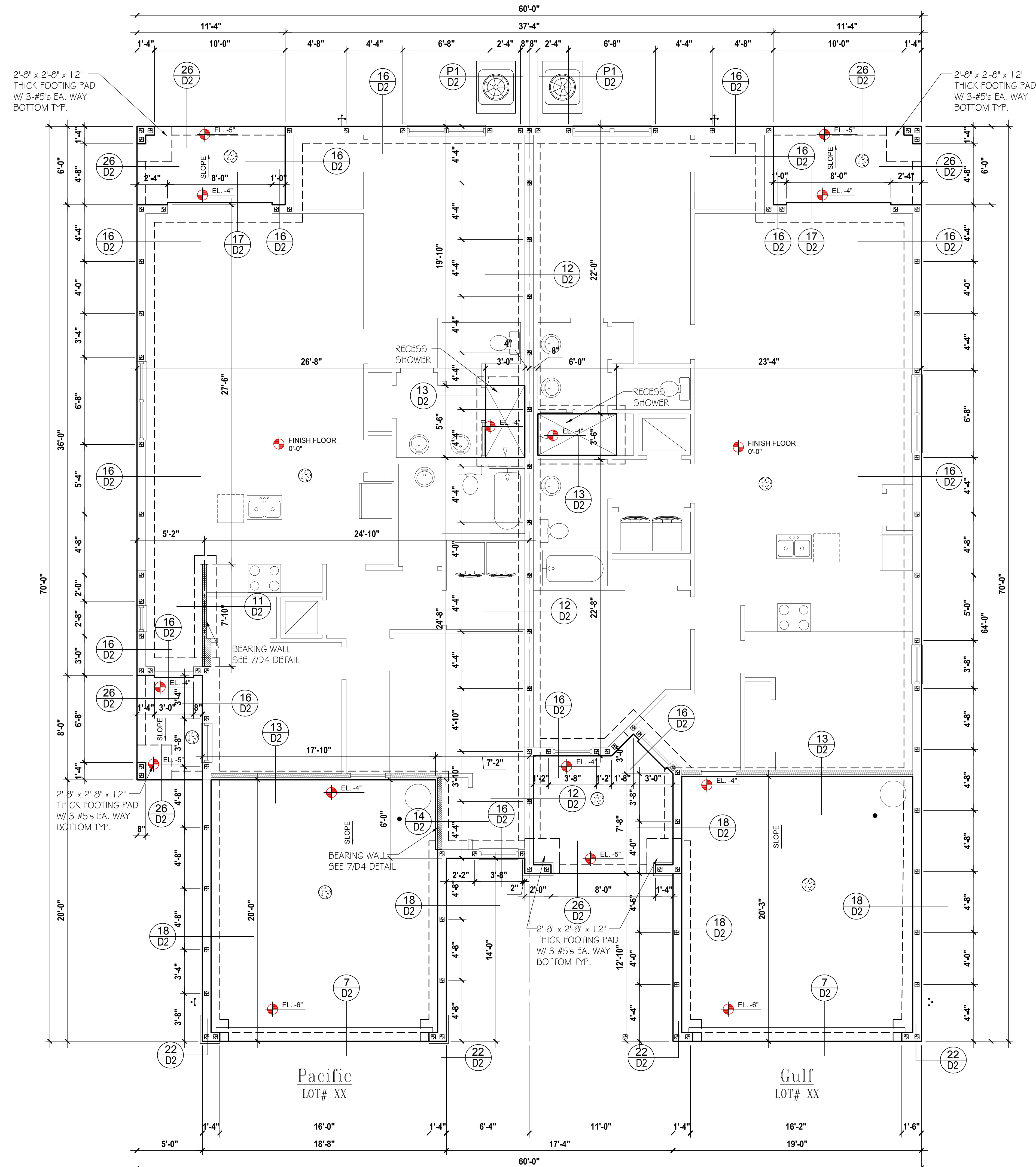
ANCHOR SPACING TABLE	
LENGTH/SIDE	No. OF ANCHORS/SIDES
LESS THAN 12"	ONE / SIDE
12" - 24"	TWO / SIDE
36" UP & 5 TONS & UP	FOUR / SIDE

VERIFICATION OF FIELD CONDITIONS:

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

FOUNDATION NOTES

- CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
- ⊠ DENOTES FILL CELL REINF. W/ CONC. W/ 1 - #5 REBAR. GRADE GO.
 - ⊞ DENOTES FILL CELL RE. NE_ W/ CONC. W/ 2-#5 REBAR. GRADE GO.
- ⊙ DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 3000 P.S.I., 4" THICK WITH 6X6 10/10 GAUGE REINFORCING MAT. W/ MIN. 1" COVER TERMITIC TREATED SOIL WITH 0.006mm (Gmli) POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL. WWF SHALL BE PLACE IN MIDDLE TO UPPER THIRD OF SLAB AND SUPPORTED ON APPROVED SLAB BOLSTERS. FIBER MESH REINFORCEMENT MAY USED AS ALTERNATIVE TO WIRE.
- DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPER-VISOR FOR CLARIFICATION.
- WATER HEATER T&P RELIEF VALVE SHALL E FULL SIZE TO EXTERIOR. WATER HEATER AT OR ABOVE FLOOR LEVEL 61-FALL E IN A FAN WITH DRAIN TO EXTERIOR. WATER HEATER SHALL HAVE APPROVED THERMAL EXPANSION DEVICE
- PAVERS MAY BE USED ILO CONCRETE SLABS IN PATIO, PORCH, DRIVE AND WALKWAY AREAS. DELETE SLAB IN AREAS PAVERS ARE USED.
- MECHANICAL EQUIP. LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
- IN LIEU OF TREATING THE SOIL, AN ALTERNATIVE TO TERMITIC TREATED SOIL CA BE PREMISE 75 WP TERMITICIDE.
- BORA-CARE TO BE APPLIED ON INTERIOR WALLS W/ MANUFACTURERS INSTRUCTIONS AND SPECIFICATIONS, PURSUANT FLORIDA BUILDING CODE LATEST EDITION.



Foundation Plan "CD"
SCALE 1/4" = 1'-0"



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DRAWN BY:	C.C./G.P.
DESIGNED BY:	MJS

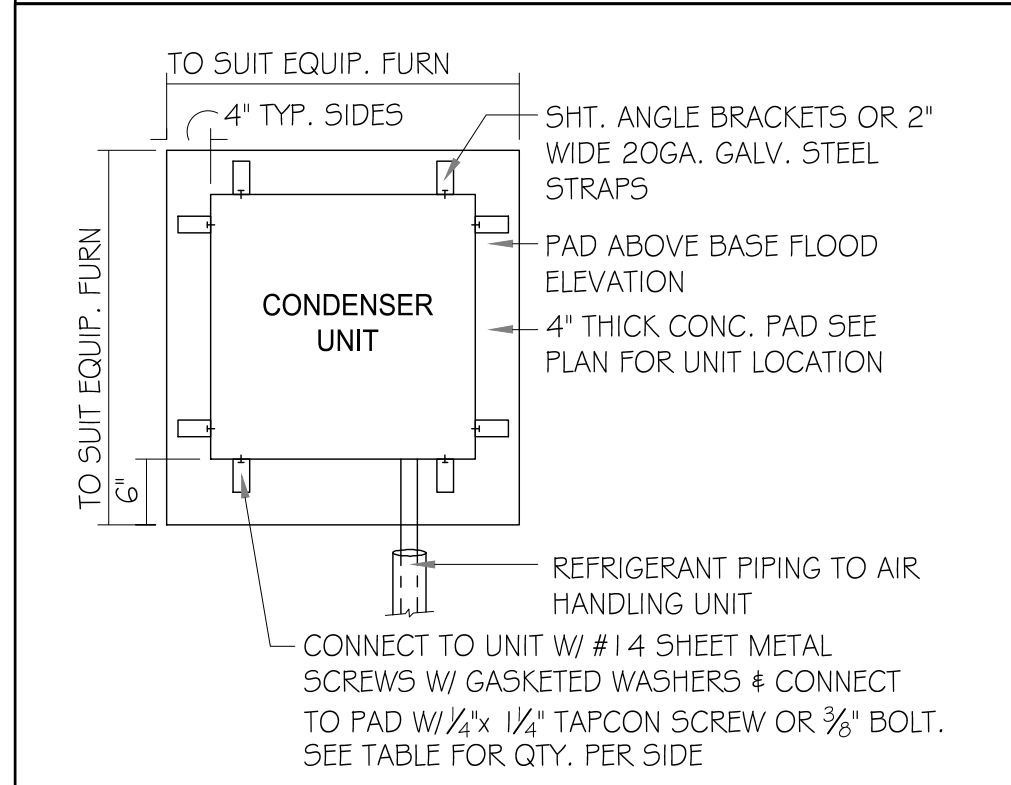
Foundation plan
S1.CD

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Dec 01, 2023, 12:25pm Design:\Users\Design1\OneDrive - Thompson Engineering Group\Desktop\New Paired Villas-11282023\SI.LDD Foundation Plan.dwg, LDESIGNPLANS IN THIS PUBLICATION ARE PROTECTED UNDER THE COPYRIGHT LAW. REPRODUCTION OF THE ILLUSTRATIONS OR WORKING DRAWINGS BY ANY MEANS IS STRICTLY PROHIBITED UNLESS LICENSED BY MJS.

FIELD REPAIR NOTES

- 1- MISSED FOOTING DOWELS MAY BE SUBSTITUTED W/ A STRAIGHT #5 REBAR SET IN A 3/4" DIA. x 6" DEEP HOLE FILLED W/ UNITEK PROPOXY 300 OR SIMPSON SET OR ETP ADHESIVES.
- 2- BLOCK WALL OVERHANGING SLAB CONDITION: UP TO 7/8" - NO REPAIR NECESSARY 7/8" TO 1 1/4" - ADD FILLED CELL (NO VERTICAL STEEL) MIDPOINT OF WALL BETWEEN EXISTING FILLED CELLS (WITH STEEL) IN AREAS AFFECTED. 1 1/4" - REQUIRE SPECIAL ENGINEERING LETTER.
- 3- PENETRATION OF PLUMBING PIPES/DRYER VENTS THRU PLATES OF A LOAD BEARING WALL MAY OCCUR PROVIDED DBL. STUDS ARE ADDED ON EITHER SIDE OF PENETRATION WITHIN 3" AND TRUSS/FLOOR TRUSS IS NO CLOSER THAN 3" FROM PENETRATION. ADD (1) MTS 1/2 @ TOP AND BOTTOM PLATE.



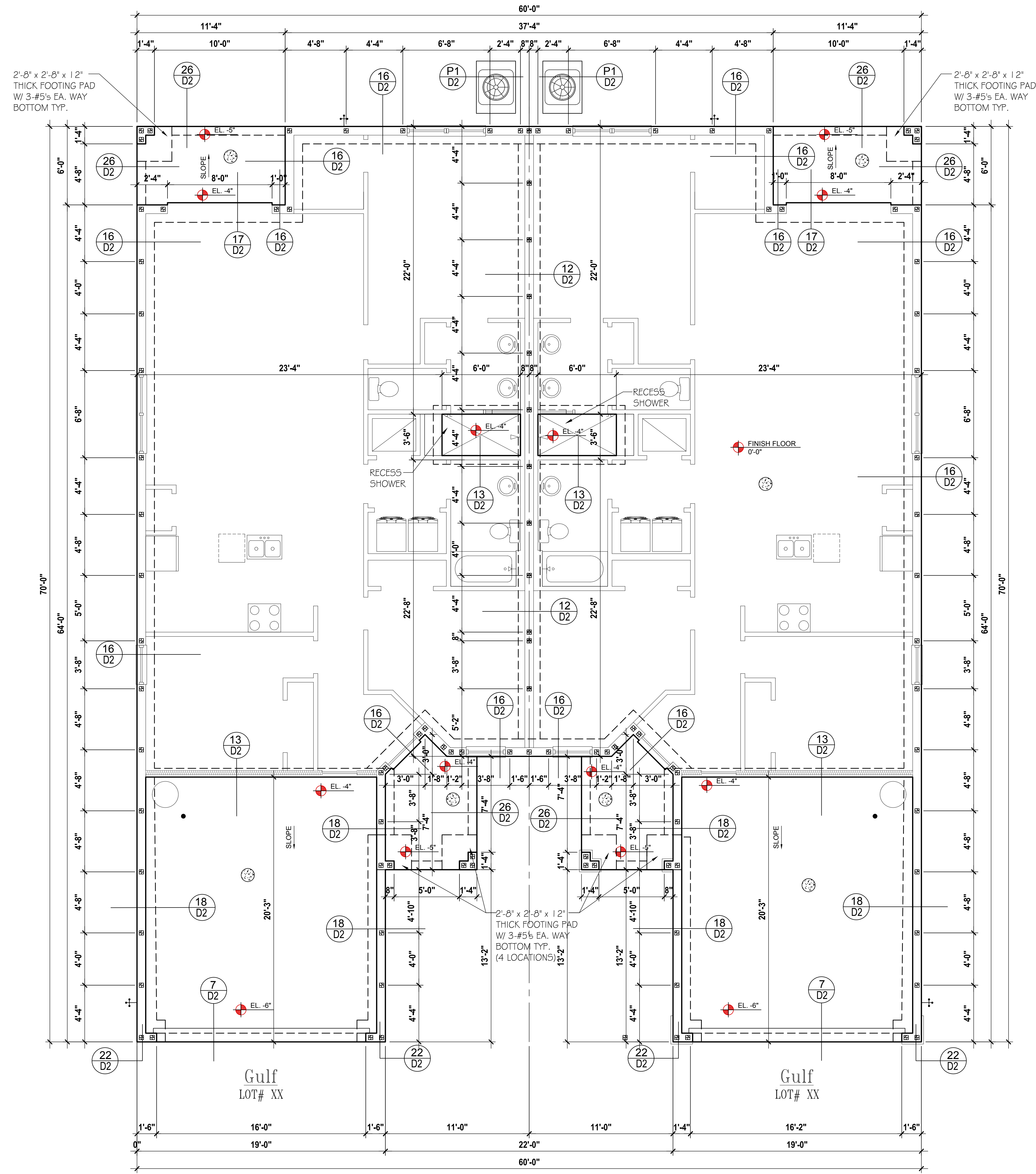
ANCHOR SPACING TABLE	
LENGTH/SIDE	No. OF ANCHORS/SIDES
LESS THAN 12"	ONE / SIDE
12" - 24"	TWO / SIDE
36" UP & 5 TONS & UP	FOUR / SIDE

VERIFICATION OF FIELD CONDITIONS:

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

FOUNDATION NOTES

1. CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
2. [Symbol] DENOTES FILL CELL REINF. W/ CONC. W/ 1- #5 REBAR. GRADE GO. [Symbol] DENOTES FILL CELL RE. NE. W/ CONC. W/ 2-#5 REBAR. GRADE GO.
3. [Symbol] DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 3000 P.S.I., 4" THICK WITH #6 @ 10" GAUGE REINFORCING MAT. W/ MIN. 1" COVER TERMIT TREATED SOIL WITH 0.006mm (Gm) POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL. WWF SHALL BE PLACE IN MIDDLE TO UPPER THIRD OF SLAB AND SUPPORTED ON APPROVED SLAB BOLSTERS. "FIBER MESH REINFORCEMENT MAY USED AS ALTERNATIVE TO WIRE.
4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPER-VISOR FOR CLARIFICATION.
5. WATER HEATER T&P RELIEF VALVE SHALL E FULL SIZE TO EXTERIOR. WATER HEATER AT OR ABOVE FLOOR LEVEL 61-FALL E IN A FAN WITH DRAIN TO EXTERIOR. WATER HEATER SHALL HAVE APPROVED THERMAL EXPANSION DEVICE
6. PAVERS MAY BE USED ILO CONCRETE SLABS IN PATIO, PORCH, DRIVE AND WALKWAY AREAS. DELETE SLAB IN AREAS PAVERS ARE USED.
7. MECHANICAL EQUIP. LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
8. IN LIEU OF TREATING THE SOIL, AN ALTERNATIVE TO TERMIT TREATED SOIL CA BE PREMISE 75 WP TERMICIDE.
9. BORA -CARE TO BE APPLIED ON INTERIOR WALLS W/ MANUFACTURERS INSTRUCTIONS AND SPECIFICATIONS, PURSUANT FLORIDA BUILDING CODE LATEST EDITION.



Foundation Plan "DD"
SCALE 1/4" = 1'-0"

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METSUN DIMENSIONS SHALL BE TAKEN AS PRECEDENCE OVER CONTRACTORS shall verify and be responsible for dimensions and conditions in the field. MJS shall not be responsible for any errors or omissions in the drawings, specifications and annotations appearing on these plans.

MJS
designers group
residential-commercial-architecture

Paired Villas
Models: (Pacific-Pacific), (Pacific-Gulf), (Gulf-Gulf)
Lot# XX-XX
Street Address
City, State, Zip Code

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

Park Square HOMES

ISSUE DATE	08/10/2023
REVISIONS	
PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	C.C./G.P.
DESIGNED BY:	MJS

Foundation plan
S1.DD

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Dec 01, 2023, 12:25pm Design:\C:\Users\Design1\OneDrive - Thomsson Engineering Group\Desktop\New Paired Villas\New Paired Villas - 11282023\S2.CC Pre Cast Lintel Plan.dwg RESPONSIBLE IN THIS PUBLICATION ARE PROTECTED UNDER THE COPYRIGHT LAW. REPRODUCTION OF THE ILLUSTRATIONS OR WORKING DRAWINGS BY ANY MEANS IS STRICTLY PROHIBITED UNLESS LICENSED BY MJS, INC.

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS									
GRAVITY									
LENGTH	TYPE	8U8	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B
		8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1B	
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947
4'-0" (48")	PRECAST	2029	3166	4473	6039	7526	9004	10472	11936
4'-6" (54")	PRECAST	1651	2325	2496	3467	4438	5410	6384	7358
5'-4" (64")	PRECAST	1184	2646	4473	6039	7526	9004	10472	11936
5'-10" (70")	PRECAST	972	1787	1913	2657	3403	4149	4896	5644
6'-6" (78")	PRECAST	937	2170	4027	6039	7526	9004	10472	11936
7'-6" (90")	PRECAST	670	1223	1301	1809	2317	2826	3336	3846
8'-0" (96")	PRECAST	767	1665	2889	5057	6096	5400	6424	7450
8'-8" (104")	PRECAST	618	1000	1059	1474	1889	2304	2721	3137
9'-4" (112")	PRECAST	573	1459	2464	4144	5458	4437	5280	6122
10'-6" (126")	PRECAST	456	1255	2101	3396	5260	7134	8995	6890
11'-4" (138")	PRECAST	445	1029	1675	2385	1994	2439	2886	3333
12'-0" (144")	PRECAST	414	1029	1675	2610	3839	5596	6613	5047
13'-4" (160")	PRECAST	362	830	1362	1927	1602	1961	2320	2680
14'-0" (168")	PRECAST	338	899	1445	2214	3192	4533	6513	4087
14'-8" (176")	PRECAST	N.R.	767	1257	1779	1479	1810	2142	2474
15'-4" (184")	PRECAST	N.R.	829	1332	2044	2346	4184	6012	3773
17'-4" (208")	PRECAST	N.R.	632	1049	1469	1210	1482	1754	2027
19'-4" (232")	PRECAST	N.R.	482	802	1125	915	1122	1328	1535
21'-4" (256")	PRECAST	N.R.	558	935	1365	1854	2355	1793	2075
22'-0" (264")	PRECAST	N.R.	598	935	1365	1854	2441	3155	4044
22'-0" (264")	PRESTRESSED	N.R.	545	864	1254	1689	2074	1570	1818
24'-0" (288")	PRESTRESSED	N.R.	555	864	1254	1693	2211	2832	3590
24'-0" (288")	PRESTRESSED	N.R.	427	728	1028	1331	1635	1224	1418
24'-0" (288")	PRESTRESSED	N.R.	485	748	1076	1438	1855	2343	2920
24'-0" (288")	PRESTRESSED	N.R.	381	648	919	1190	1462	1087	1260
24'-0" (288")	PRESTRESSED	N.R.	455	700	1003	1335	1714	2153	2666
24'-0" (288")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
24'-0" (288")	PRESTRESSED	N.R.	465	765	1370	2045	2610	3185	3765
24'-0" (288")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
24'-0" (288")	PRESTRESSED	N.R.	420	695	1250	1855	2370	2890	3410
24'-0" (288")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
24'-0" (288")	PRESTRESSED	N.R.	310	530	950	1400	1800	2200	2600
24'-0" (288")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
24'-0" (288")	PRESTRESSED	N.R.	240	400	750	1090	1400	1720	2030
24'-0" (288")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
24'-0" (288")	PRESTRESSED	N.R.	183	330	610	940	1340	1780	2110
24'-0" (288")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
24'-0" (288")	PRESTRESSED	N.R.	160	300	570	870	1250	1660	1970
24'-0" (288")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
24'-0" (288")	PRESTRESSED	N.R.	130	240	470	720	1030	1350	1610

8" PRECAST W/ 2" RECESS DOOR U-LINTELS

GRAVITY									
LENGTH	TYPE	8RU6	8RF6-0B	8RF10-0B	8RF14-0B	8RF18-0B	8RF22-0B	8RF26-0B	8RF30-0B
		8RF6-1B	8RF10-1B	8RF14-1B	8RF18-1B	8RF22-1B	8RF26-1B	8RF30-1B	
4'-4" (52")	PRECAST	1489	1591	3053	2982	3954	4929	5904	6880
4'-4" (52")	PRECAST	1357	1827	3412	4982	6472	7947	9416	10878
4'-4" (52")	PRECAST	1357	1449	2782	2714	3600	4487	5375	6264
5'-8" (68")	PRECAST	785	1702	3412	4982	6472	7947	9416	10878
5'-8" (68")	PRECAST	785	832	1602	1550	2058	2566	3075	3585
5'-10" (70")	PRECAST	735	1153	2162	4074	6472	8516	8814	6830
5'-10" (70")	PRECAST	735	779	1500	1449	1924	2400	2876	3352
6'-8" (80")	PRECAST	822	1103	2051	3811	6472	6516	5450	6411
6'-8" (80")	PRECAST	822	907	1677	2933	2576	3223	3872	4522
6'-8" (80")	PRECAST	822	907	1677	2933	4100	6730	8177	6707
7'-6" (90")	PRECAST	665	761	1377	2252	1958	2451	2944	3439
7'-6" (90")	PRECAST	665	764	1377	2329	3609	5492	6624	5132
9'-8" (116")	PRECAST	371	420	834	1253	1071	1342	1614	1886
9'-8" (116")	PRECAST	371	535	928	1497	2179	2818	3595	2875

8" PRECAST & PRESTRESSED U-LINTELS

UPLIFT										LATERAL	
LENGTH	TYPE	8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	8U8	8F8	
		8F8-2T	8F12-2T	8F16-2T	8F20-2T	8F24-2T	8F28-2T	8F32-2T			
2'-10" (34")	PRECAST	2727	2727	2784	3981	5190	6407	7630	8857	2021	2021
3'-6" (42")	PRECAST	2165	2165	2289	3260	4237	5219	6204	7192	1257	1257
4'-0" (48")	PRECAST	2165	2165	2215	3165	4125	5091	6061	7036		
4'-6" (54")	PRECAST	1878	1878	1969	2832	3680	4532	5387	6245		
4'-6" (54")	PRECAST	1660	1660	1762	2507	3257	4010	4767	5525		
5'-4" (64")	PRECAST	1393	1393	1484	2110	2741	3375	4010	4648	727	727
5'-10" (70")	PRECAST	1272	1272	1357	1930	2505	3084	3665	4247		
6'-6" (78")	PRECAST	1141	1141	1200	1733	2250	2769	3290	3812	418	418
6'-6" (78")	PRECAST	1141	1141	1182	1684	2192	2703	3216	3732	707	887
7'-6" (90")	PRECAST	990	990	912	1475	1914	2354	2797	3240		
7'-6" (90")	PRECAST	990	990	1029	1466	1907	2351	2797	3245	591	657
9'-4" (112")	PRECAST	801	801	755	1192	1550	1910	2271	2634	454	630
9'-4" (112")	PRECAST	801	801	812	980	1269	1560	1852	2144		
10'-6" (126")	PRECAST	716	716	611	1039	1389	1711	2034	2358	396	493
11'-4" (138")	PRECAST	696	696	439	696	899	1104	1309	1515		
11'-4" (138")	PRECAST	696	696	666	905	1295	1596	1896	2198	363	556
12'-0" (144")	PRECAST	607	607	400	631	816	1001	1186	1372		
12'-0" (144")	PRECAST	631	631	486	818	1209	1514	1799	2086	340	494
13'-4" (160")	PRECAST	500	500	340	532	686	841	997	1153		
13'-4" (160")	PRECAST	573	573	409	682	1004	1367	1637	1897	302	398
14'-0" (168")	PRECAST	458	458	316	493	635	778	922	1065		
14'-0" (168")	PRECAST	548	548	378	629	922	1254	1567	1816	286	360
14'-8" (176")	PRECAST	243	243	295	459	591	724	857	990		
14'-8" (176")	PRESTRESSED	243	243	352	582	756	929	1101	1274	N.R.	367
15'-4" (184")	PRESTRESSED	228	228	278	430	553	677	801	925	N.R.	327
17'-4" (208")	PRESTRESSED	188	188	236	361	464	567	670	774		
17'-4" (208")	PRESTRESSED	188	188	276	449	649	874	1121	1389	N.R.	255
19'-4" (232")	PRESTRESSED	165	165	207	313	401	490	578	667		
19'-4" (232")	PRESTRESSED	165	165	239	373	550	736	940	1160	N.R.	204
21'-4" (256")	PRESTRESSED	145	145	186	278	356	433	512	590		
21'-4" (256")	PRESTRESSED	142	142	212	326	477	635	807	993		
22'-0" (264")	PRESTRESSED	130	130	180	288	343	418	493	568		
22'-0" (264")	PRESTRESSED	137	137	205	322	457	607	771	947	N.R.	161
24'-0" (288")	PRESTRESSED	127	127	165	244	312	380	447	515		
24'-0" (288")	PRESTRESSED	124	124	186	290	408	538	680	833	N.R.	135

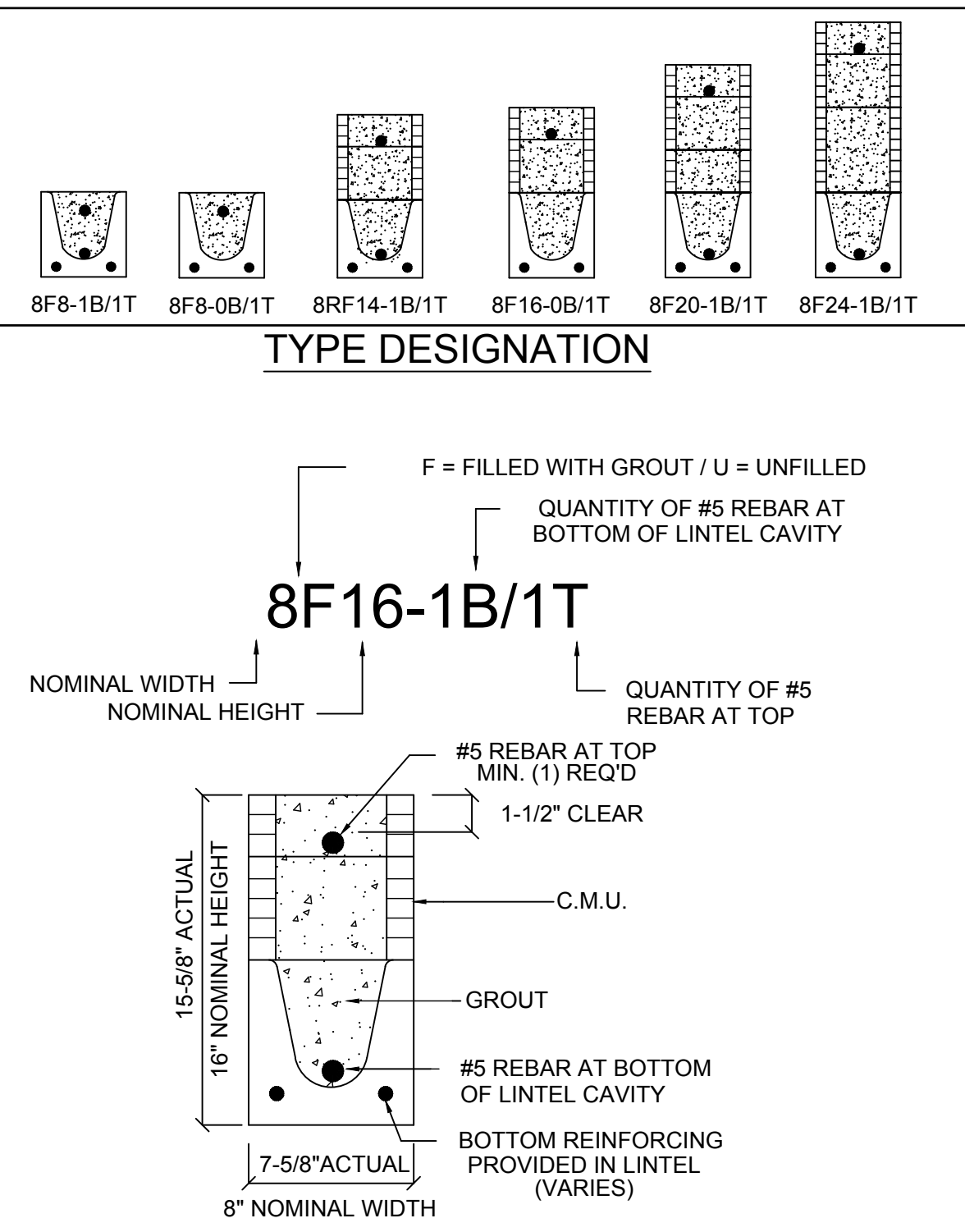
UPLIFT										LATERAL	
LENGTH	TYPE	8RF6-1T	8RF10-1T	8RF14-1T	8RF18-1T	8RF22-1T	8RF26-1T	8RF30-1T	8RU6	8RF6	
		8RF6-2T	8RF10-2T	8RF14-2T	8RF18-2T	8RF22-2T	8RF26-2T	8RF30-2T			
4'-4" (52")	PRECAST	1244	1573	2413	3260	4112	4967	5825		932	852
4'-4" (52")	PRECAST	1244	1519	2339	3170	4008	4850	5696			
4'-6" (54")	PRECAST	1192	1507	2311	3121	3937	4756	5577		853	933
4'-6" (54")	PRECAST	1192	1455	2240	3036	3837	4643	5453			
5'-8" (68")	PRECAST	924	1172	1795	2423	3055	3689	4325		501	501
5'-8" (68")	PRECAST	924	1132								

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SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS

LENGTH	TYPE	GRAVITY														
		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	3138	3777	4689	6001	7315	8630	9947
3'-6" (42")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936	2325	2496	3467	4438	5410	6384	7358
4'-0" (48")	PRECAST	2029	2646	4473	6039	7526	9004	10472	11936	1787	1913	2657	3403	4149	4896	5644
4'-6" (54")	PRECAST	1651	2170	4027	6039	7526	9004	10472	11936	1223	1301	1809	2317	2826	3336	3846
5'-4" (64")	PRECAST	1184	1665	2889	5057	6096	5400	6424	7450	1000	1059	1474	1889	2304	2721	3137
5'-10" (70")	PRECAST	972	1459	2464	4144	5458	4437	5280	6122	1255	2101	3263	3746	3358	3971	4585
6'-6" (78")	PRECAST	937	1255	2101	3396	5260	7134	8995	6890	1029	1675	2385	1994	2439	2886	3333
7'-6" (90")	PRECAST	670	1029	1675	2610	3839	5596	6613	5047	830	1362	1927	1602	1961	2320	2680
8'-0" (96")	PRECAST	767	899	1445	2214	3192	4533	6513	4087	767	1257	1779	1479	1810	2142	2474
8'-8" (104")	PRECAST	618	829	1332	2044	2946	4184	6012	3773	632	1049	1469	1210	1482	1754	2027
9'-4" (112")	PRECAST	573	768	1212	1818	2544	3469	4030	3127	482	802	1125	915	1122	1328	1535
10'-6" (126")	PRECAST	456	658	1025	1514	2081	2774	3130	2404	598	935	1365	1854	2355	1793	2075
11'-4" (138")	PRECAST	445	598	935	1365	1854	2441	3155	4044	545	864	1254	1689	2074	1570	1818
12'-0" (144")	PRECAST	414	555	864	1254	1693	2211	2832	3590	427	728	1028	1331	1635	1224	1418
13'-4" (160")	PRECAST	362	485	748	1076	1438	1855	2343	2920	381	648	919	1190	1462	1087	1260
14'-0" (168")	PRECAST	338	455	700	1003	1335	1714	2153	2666	NR	NR	NR	NR	NR	NR	NR
14'-8" (176")	PRESTRESSED	N.R.	465	765	1370	2045	2610	3185	3765	NR	NR	NR	NR	NR	NR	NR
15'-4" (184")	PRESTRESSED	N.R.	420	695	1250	1855	2370	2890	3410	NR	NR	NR	NR	NR	NR	NR
17'-4" (208")	PRESTRESSED	N.R.	310	530	950	1400	1800	2200	2600	NR	NR	NR	NR	NR	NR	NR
19'-4" (232")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
21'-4" (256")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
22'-0" (264")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
24'-0" (288")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR



- 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

LENGTH	TYPE	UPLIFT										LATERAL						
		8RF6-1T	8RF10-1T	8RF14-1T	8RF18-1T	8RF22-1T	8RF26-1T	8RF30-1T	8RF8-2T	8RF12-2T	8RF16-2T	8RF20-2T	8RF24-2T	8RF28-2T	8RF32-2T	8RU6	8RF6	
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	8516	8814	6830		
5'-10" (70")	PRECAST	735	779	1500	1449	1924	2400	2876	3352	1103	2051	3811	6472	6516	5450	6411		
6'-8" (80")	PRECAST	822	907	1677	2933	2576	3223	3872	4522	907	1677	2933	4100	6730	8177	6707		
7'-6" (90")	PRECAST	665	761	1377	2252	1958	2451	2944	3439	764	1377	2329	3609	5492	6624	5132		
9'-8" (116")	PRECAST	371	420	834	1253	1071	1342	1614	1886	535	928	1497	2179	2618	3595	2875		

8" PRECAST & PRESTRESSED U-LINTELS

LENGTH	TYPE	UPLIFT										LATERAL					
		8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	8F8-2T	8F12-2T	8F16-2T	8F20-2T	8F24-2T	8F28-2T	8F32-2T	8U8	8F8
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2727	2784	3981	5190	6407	7630	8857	2021	2021
3'-6" (42")	PRECAST	2165	2289	3260	4237	5219	6204	7192	2165	2215	3165	4125	5091	6061	7036	1257	1257
4'-0" (48")	PRECAST	1878	1969	2832	3680	4532	5387	6245	1878	1925	2750	3583	4422	5264	6110	938	938
4'-6" (54")	PRECAST	1660	1762	2507	3257	4010	4767	5525	1660	1705	2435	3171	3913	4658	5406	727	727
5'-4" (64")	PRECAST	1393*	1484	2110	2741	3375	4010	4648	1393*	1437	2050	2670	3293	3920	4549	505	505
5'-10" (70")	PRECAST	1272*	1357	1930	2505	3084	3665	4247	1272*	1315	1875	2441	3010	3583	4157	418	418
6'-6" (78")	PRECAST	1141*	1200	1733	2250	2769	3290	3812	1141*	1182	1684	2192	2703	3216	3732	707	887
7'-6" (90")	PRECAST	990*	912	1475	1914	2354	2797	3240	990*	1029	1466	1907	2351	2797	3245	591	657
9'-4" (112")	PRECAST	801*	612	980	1269	1560	1852	2144	801*	755	1192	1550	1910	2271	2634	454	630
10'-6" (126")	PRECAST	716*	498	793	1027	1261	1496	1731	716*	611	1039	1389	1711	2034	2358	396	493
11'-4" (138")	PRECAST	656*	439	696	899	1104	1309	1515	656*	535	892	1156	1491	1742	2018	363	556
12'-0" (144")	PRECAST	607*	400	631	816	1001	1186	1372	607*	486	818	1209	1514	1799	2086	340	494
13'-4" (160")	PRECAST	500*	340	532	686	841	997	1153	500*	409	682	1004	1367	1637	1897		
14'-0" (168")	PRECAST	458*	316	493	635	778	922	1065	458*	378	629	922	1254	1567	1816		
14'-8" (176")	PRECAST	423	295	459	591	724	857	990	423	285	459	591	724	857	990		
14'-8" (176")	PRESTRESSED	243	352	582	852	1156	1491	1742	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	1676	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	378	550	736	940	1160	N.R.	204
21'-4" (256")	PRESTRESSED	145	186	278	356	433	512	590	142	212	326	477	635	807	993	N.R.	172
22'-0" (264")	PRESTRESSED	140	180	288	343	418	493	568	137	205	332	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 FIELD REBAR

**CAST CRETE / LOTTS / WEKIWA / FLORIDA ROCK
PRECAST LINTEL SCHEDULE**

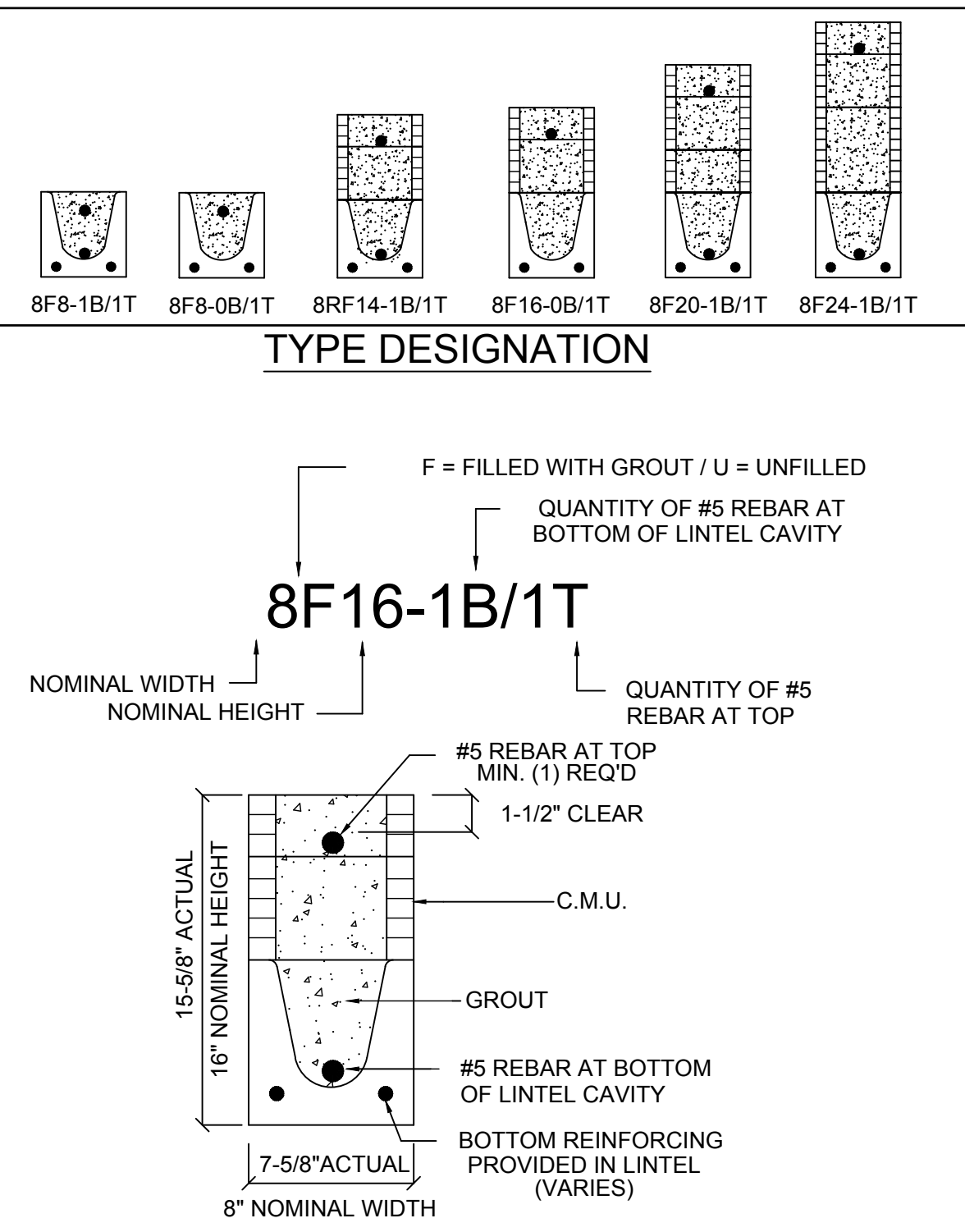
LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	17'-4"	8F32-1B/1T	GARAGE
L-2	5'-10"	8F48-1B/1T	ENTRY
L-3	8'-0"	8F48-1B/1T	ENTRY
L-4	4'-6"	8F56-1B/1T	SH3050
L-5	4'-6"	8RF52-1B/1T	FRONT DOOR
L-6	3'-6"	8F56-1B/1T	2020 FIX GLASS
L-7	7'-6"	8F16-1B/1T	(2) SH3050
L-8	6'-6"	8F16-1B/1T	CUT AS REQUIRED
L-9	11'-4"	8F16-1B/1T	LANAI
L-10	9'-		

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SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS

LENGTH	TYPE	GRAVITY														
		8U8	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B	8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1B
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936							
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947							
4'-0" (48")	PRECAST	2029	3166	4473	6039	7526	9004	10472	11936							
4'-6" (54")	PRECAST	1651	2325	2496	3467	4438	5410	6384	7358							
5'-4" (64")	PRECAST	1184	2646	4473	6039	7526	9004	10472	11936							
5'-10" (70")	PRECAST	972	1787	1913	2657	3403	4149	4896	5644							
6'-6" (78")	PRECAST	937	2170	4027	6039	7526	9004	10472	11936							
7'-6" (90")	PRECAST	670	1223	1301	1809	2317	2826	3336	3846							
8'-0" (96")	PRECAST	707	1665	2889	5057	6096	5400	6424	7450							
8'-8" (104")	PRECAST	618	1000	1059	1474	1889	2304	2721	3137							
9'-4" (112")	PRECAST	573	1459	2464	4144	5458	4437	5280	6122							
10'-6" (126")	PRECAST	456	1255	2101	3396	5260	7134	8995	6890							
11'-4" (138")	PRECAST	445	1029	1675	2385	1994	2439	2886	3333							
12'-0" (144")	PRECAST	414	899	1445	2214	3192	4533	6513	4087							
13'-4" (160")	PRECAST	362	767	1257	1779	1479	1810	2142	2474							
14'-0" (168")	PRECAST	338	632	1049	1469	1210	1482	1754	2027							
14'-8" (176")	PRECAST	338	598	935	1365	1854	2441	3155	4044							
15'-4" (184")	PRECAST	N.R.	465	765	1370	2045	2610	3185	3765							
15'-4" (184")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR							
17'-4" (208")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR							
19'-4" (232")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR							
21'-4" (256")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR							
22'-0" (264")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR							
24'-0" (288")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR							



- #### 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.

8" PRECAST W/ 2" RECESS DOOR U-LINTELS

LENGTH	TYPE	GRAVITY														
		8RUE	8RF6-0B	8RF10-0B	8RF14-0B	8RF18-0B	8RF22-0B	8RF26-0B	8RF30-0B	8RF6-1B	8RF10-1B	8RF14-1B	8RF18-1B	8RF22-1B	8RF26-1B	8RF30-1B
4'-4" (52")	PRECAST	1489	1591	3053	2982	3954	4929	5904	6880							
4'-6" (54")	PRECAST	1357	1827	3412	4982	6472	7947	9416	10878							
5'-8" (68")	PRECAST	785	1449	2782	2714	3600	4487	5375	6264							
5'-10" (70")	PRECAST	735	1702	3412	4982	6472	7947	9416	10878							
6'-8" (80")	PRECAST	822	1832	3522	5192	6862	8532	10202	11872							
7'-6" (90")	PRECAST	665	1513	2162	2714	3266	3818	4370	4922							
9'-8" (116")	PRECAST	371	779	1500	1449	1924	2400	2876	3352							

- #### 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.

8" PRECAST & PRESTRESSED U-LINTELS

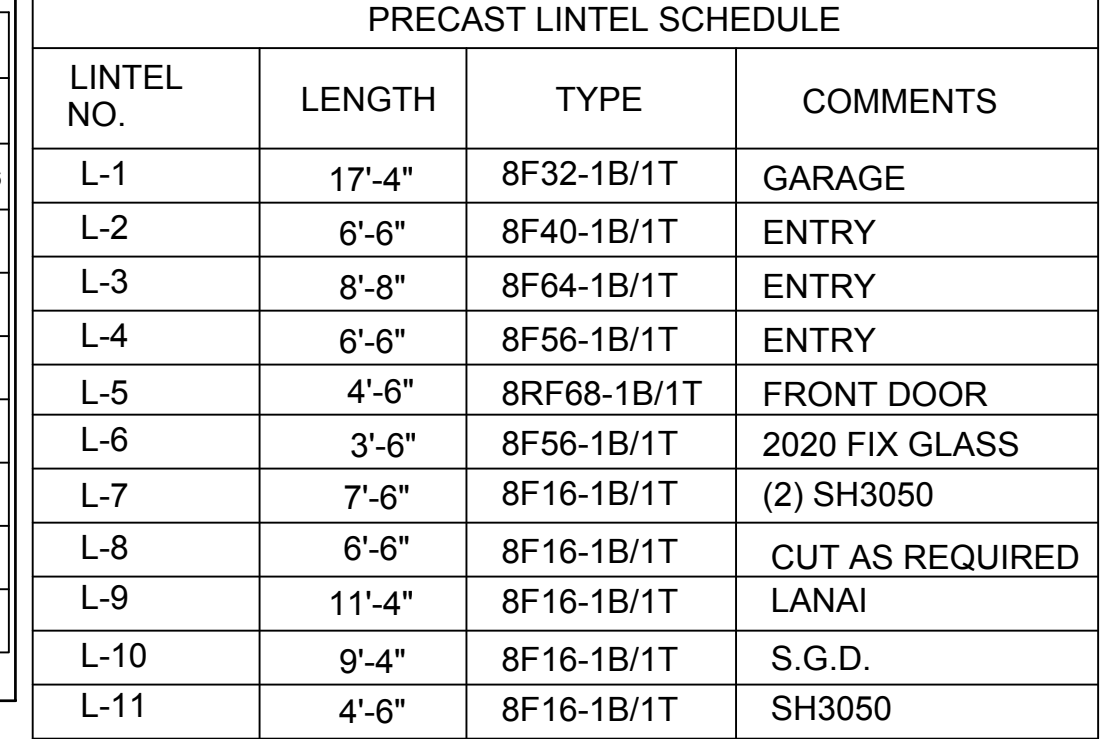
LENGTH	TYPE	UPLIFT										LATERAL				
		8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	8F8-2T	8F12-2T	8F16-2T	8F20-2T	8F24-2T	8F28-2T	8F32-2T	8U8
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055							2021	2021
3'-6" (42")	PRECAST	2165	2289	3260	4237	5219	6204	7192							1257	1257
4'-0" (48")	PRECAST	1878	1989	2832	3680	4532	5387	6245							938	938
4'-6" (54")	PRECAST	1660	1762	2507	3257	4010	4767	5525							727	727
5'-4" (64")	PRECAST	1393	1484	2110	2741	3375	4010	4648							505	505
5'-10" (70")	PRECAST	1272	1357	1930	2505	3084	3665	4247							418	418
6'-6" (78")	PRECAST	1141	1200	1733	2250	2769	3290	3812							707	887
7'-6" (90")	PRECAST	990	1029	1466	1907	2351	2797	3245							591	657
8'-0" (96")	PRECAST	801	811	1192	1550	1910	2271	2634							454	630
10'-6" (126")	PRECAST	716	716	1039	1389	1711	2034	2358							396	493
11'-4" (138")	PRECAST	696	696	1039	1389	1711	2034	2358							363	556
12'-0" (144")	PRECAST	607	607	905	1255	1595	1935	2275							340	494
13'-4" (160")	PRECAST	500	500	730	960	1190	1420	1650							302	398
14'-0" (168")	PRECAST	458	458	636	836	1036	1236	1436							286	360
14'-8" (176")	PRECAST	423	423	584	774	964	1154	1344							266	330
15'-4" (184")	PRESTRESSED	228	228	326	424	522	620	718							N.R.	327
17'-4" (208")	PRESTRESSED	188	188	266	354	442	530	618							N.R.	255
19'-4" (232")	PRESTRESSED	165	165	233	311	389	467	545							N.R.	204
21'-4" (256")	PRESTRESSED	142	142	210	278	346	414	482							N.R.	172
22'-0" (264")	PRESTRESSED	130	130	198	266	334	402	470							N.R.	161
24'-0" (288")	PRESTRESSED	127	127	186	254	322	390	458							N.R.	135

- #### 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

LENGTH	TYPE	UPLIFT										LATERAL				
		8RF6-1T	8RF10-1T	8RF14-1T	8RF18-1T	8RF22-1T	8RF26-1T	8RF30-1T	8RF6-2T	8RF10-2T	8RF14-2T	8RF18-2T	8RF22-2T	8RF26-2T	8RF30-2T	8RU6
4'-4" (52")	PRECAST	1244	1573	2413	3260	4112	4967	5825							932	832
4'-6" (54")	PRECAST	1192	1507	2311	3121	3937	4756	5577							853	953
5'-8" (68")	PRECAST	924	1172	1795	2423	3055	3689	4325							501	501
5'-10" (70")	PRECAST	896	1138	1742	2352	2965	3581	4198							469	469
6'-8" (80")	PRECAST	778	882	1513	2042	2573	3107	3642							830	1100
7'-6" (90")	PRECAST	688	697	1325	1810	2280	2753	3227							710	941
9'-8" (116")	PRECAST	533	527	1009	1369	1728	2088	2450							516	614

- #### CAST CRETE / LOTTS / WEKIWA / FLORIDA ROCK PRECAST LINTEL SCHEDULE
- | LINTEL NO. | LENGTH | TYPE | COMMENTS |
|------------|--------|-------------|-----------------|
| L-1 | 17'-4" | 8F32-1B/1T | GARAGE |
| L-2 | 6'-6" | 8F40-1B/1T | ENTRY |
| L-3 | 8'-8" | 8F64-1B/1T | ENTRY |
| L-4 | 6'-6" | 8F56-1B/1T | ENTRY |
| L-5 | 4'-6" | 8RF68-1B/1T | FRONT DOOR |
| L-6 | 3'-6" | 8F56-1B/1T | 2020 FIX GLASS |
| L-7 | 7'-6" | 8F16-1B/1T | (2) SH3050 |
| L-8 | 6'-6" | 8F16-1B/1T | CUT AS REQUIRED |
| L-9 | 11'-4" | 8F16-1B/1T | LANAI |
| L-10 | 9'-4" | 8F16-1B/1T | S.G.D. |
| L-11 | 4'-6" | 8F16-1B/1T | SH3050 |



Gulf
LOT# XX

Gulf
LOT# XX

Precast Lintel Plan "DD"

SCALE 1/4" = 1'-0"

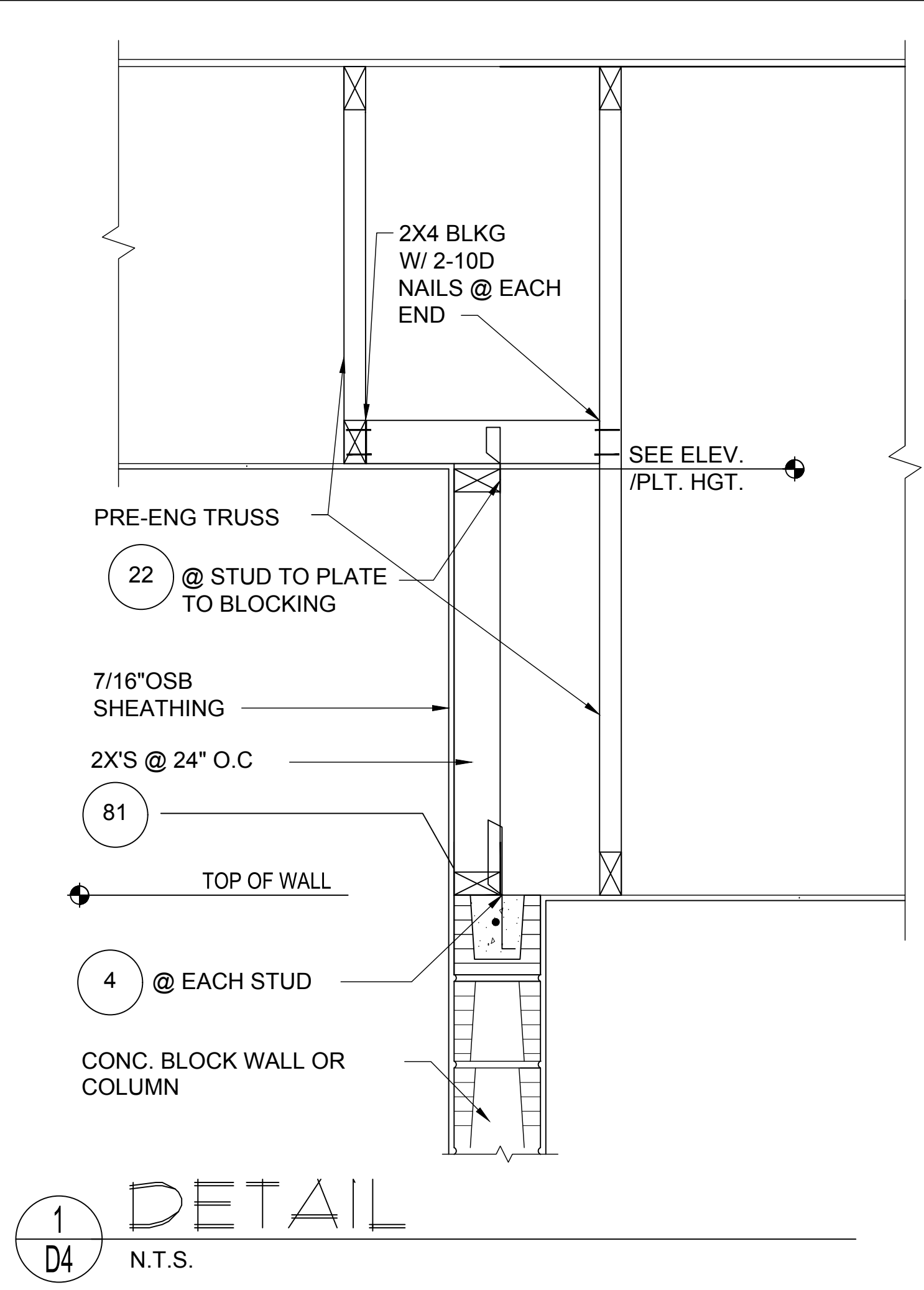
SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS

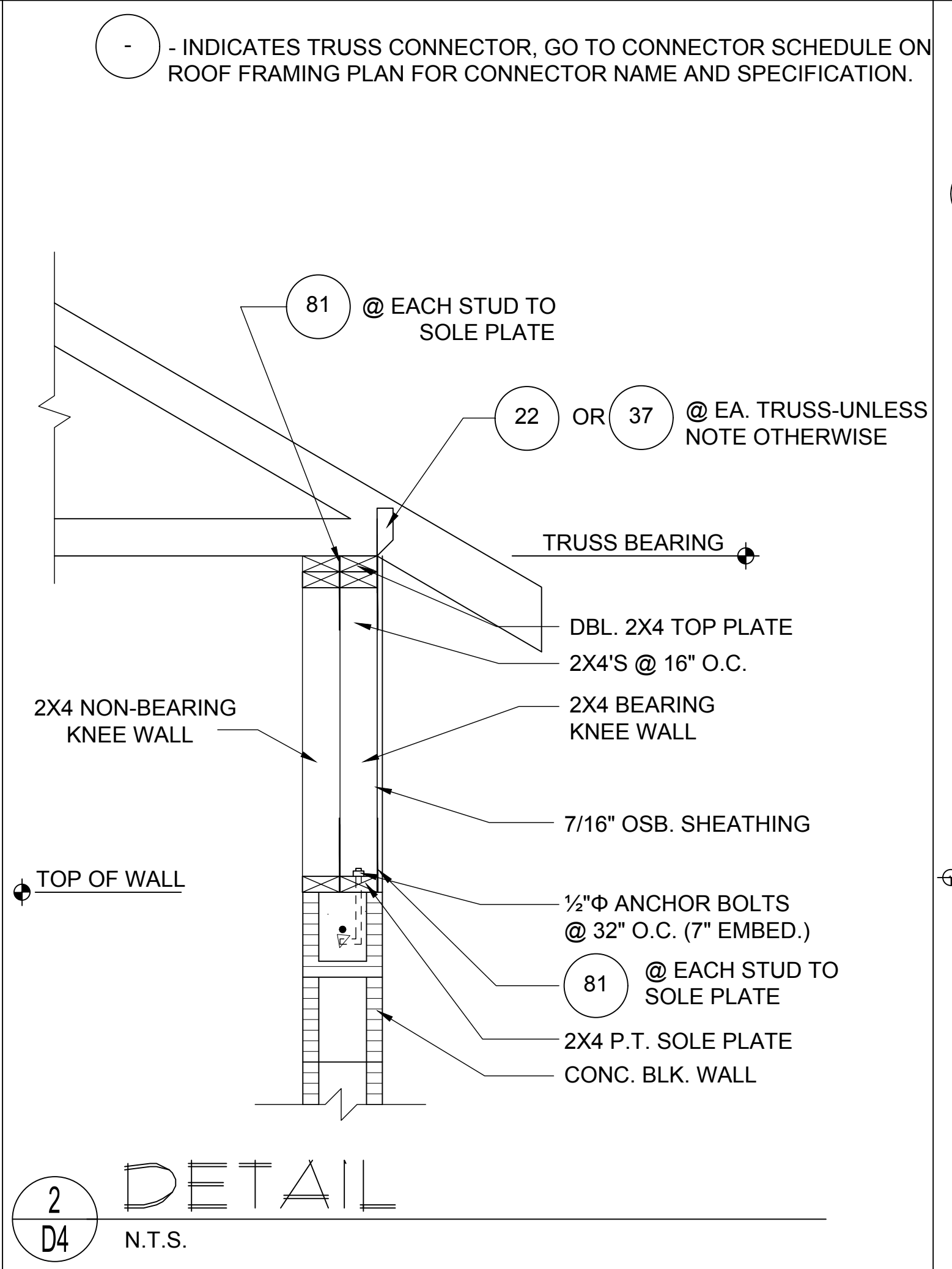
GRAVITY

LENGTH	TYPE	GRAVITY												
		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

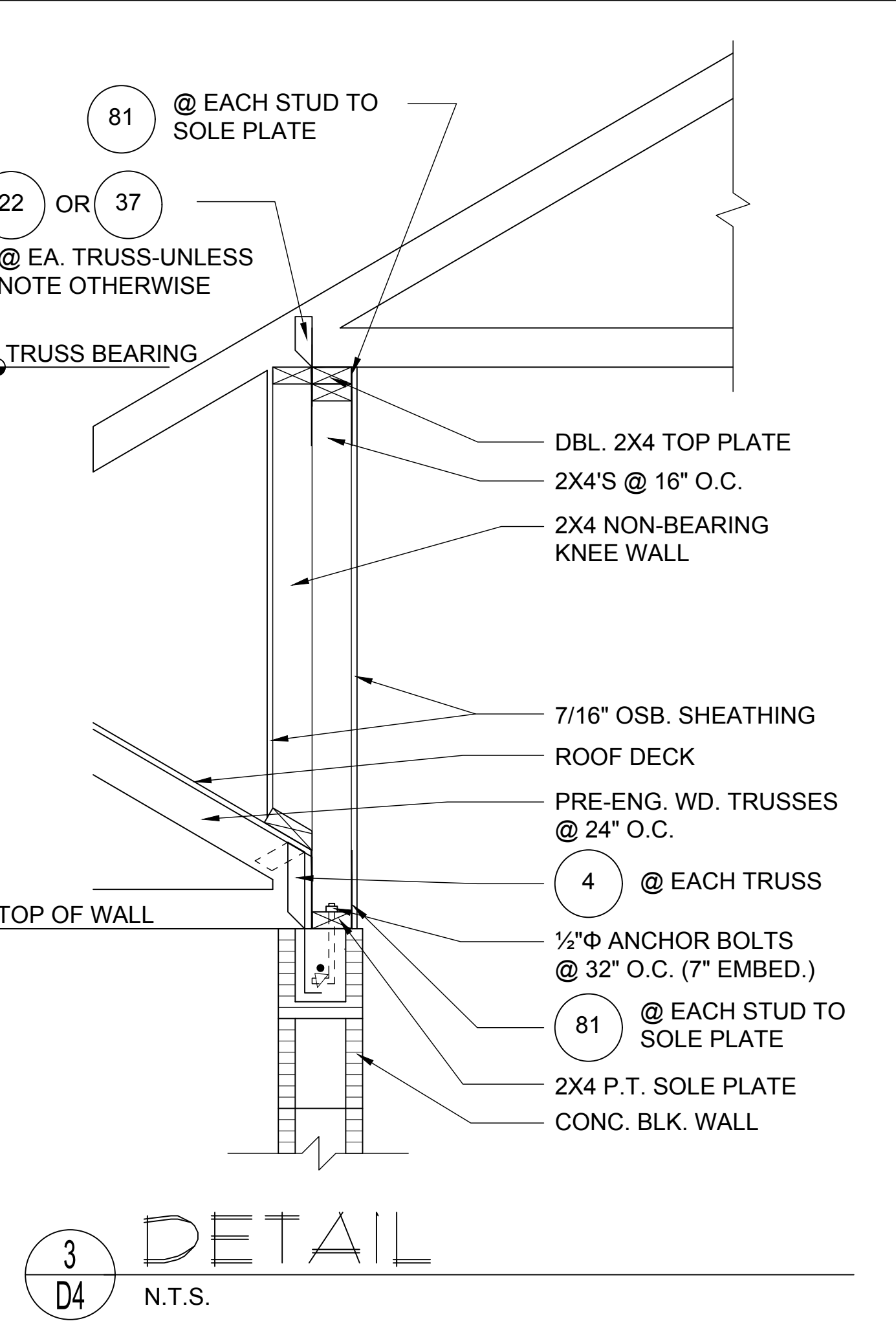
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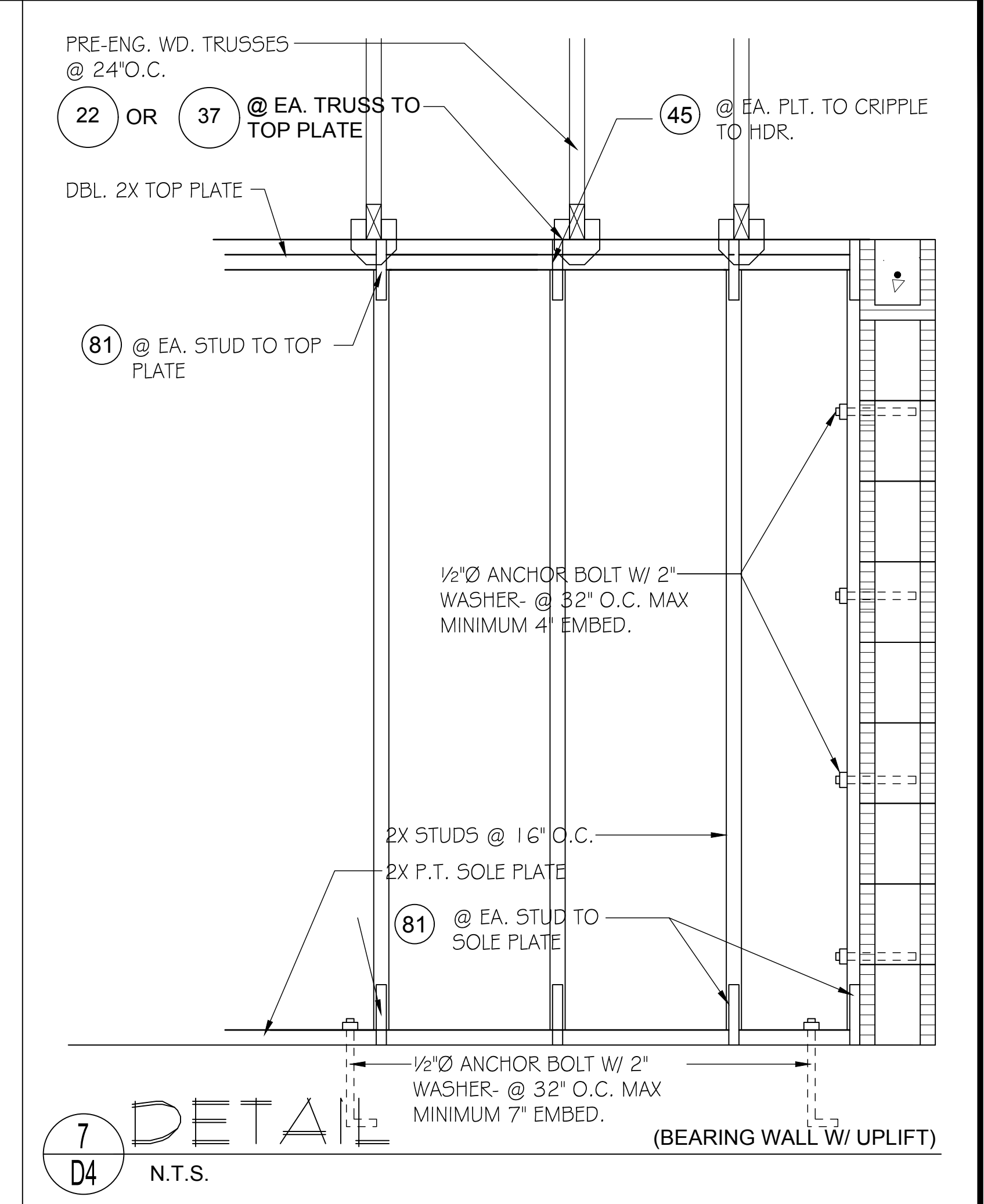
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D4
DETAIL
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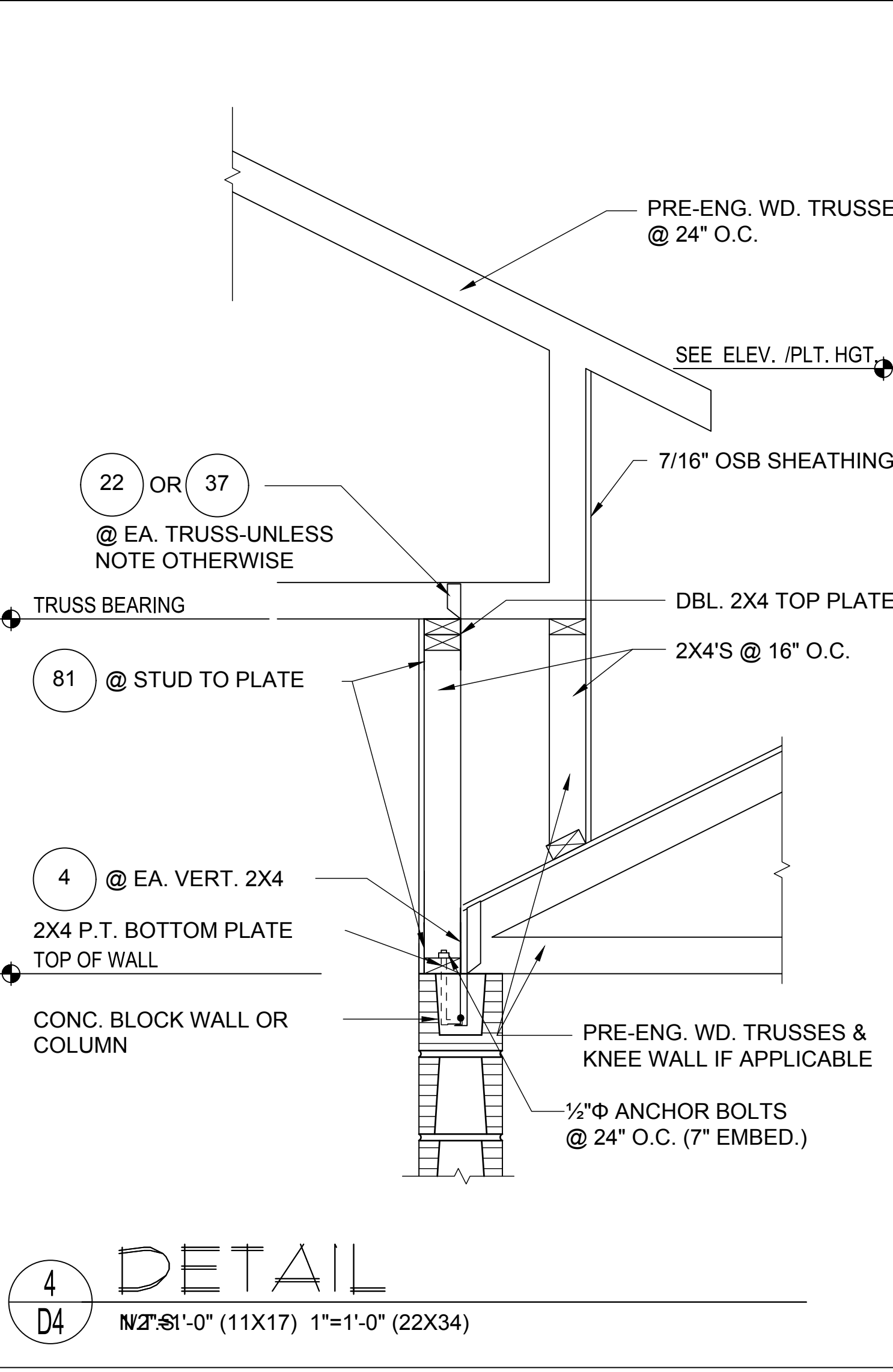
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DETAIL
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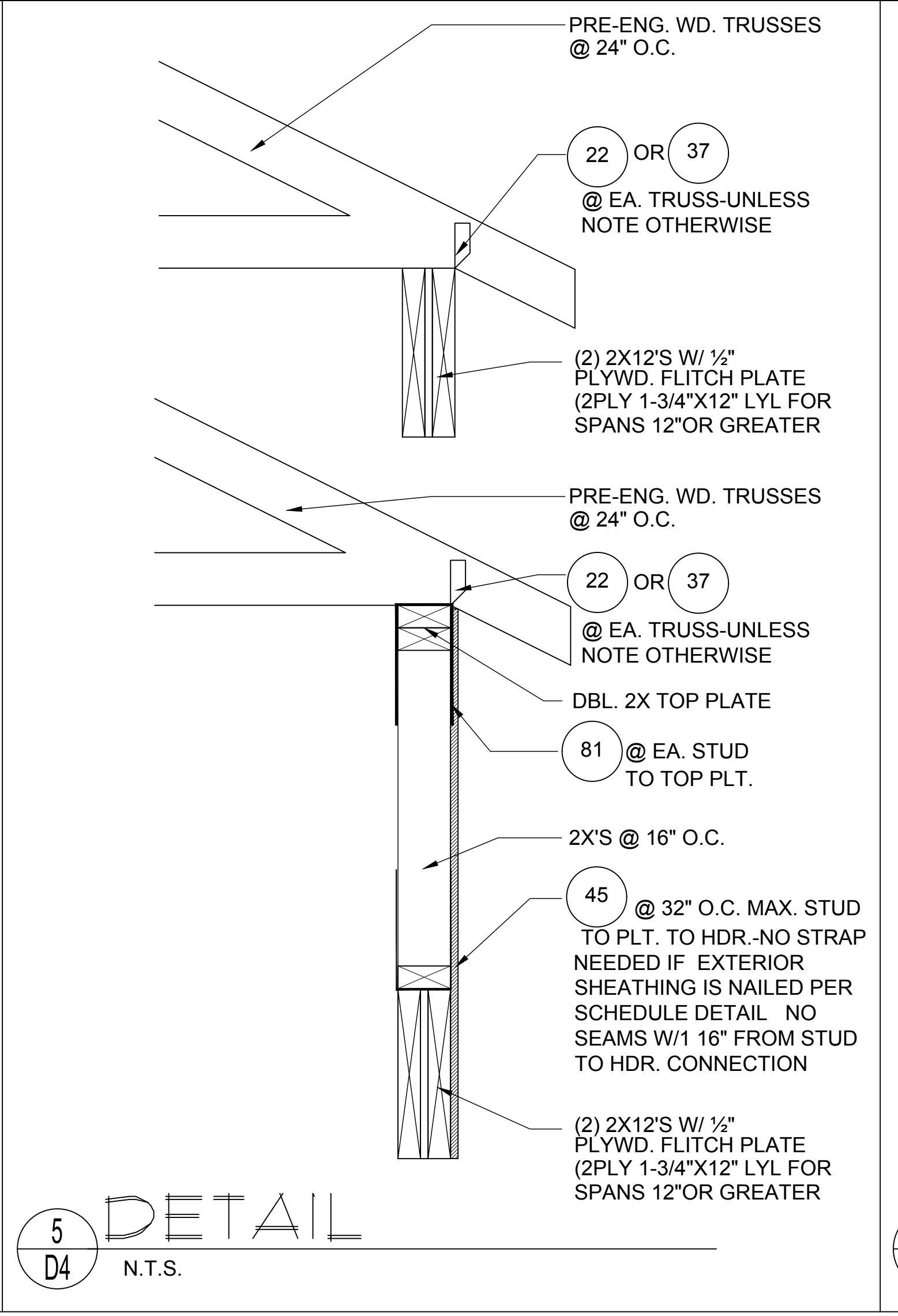
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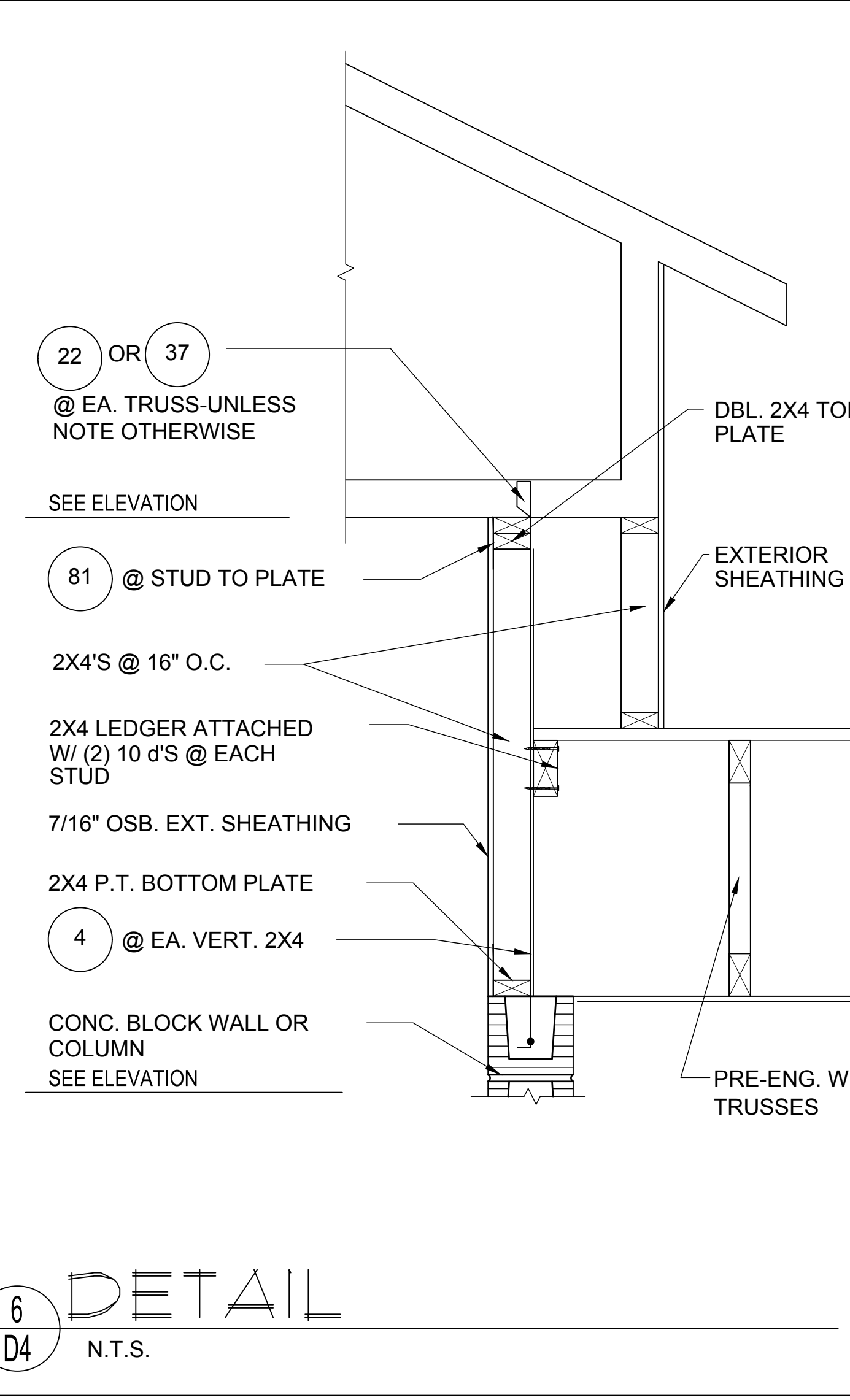
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DETAIL
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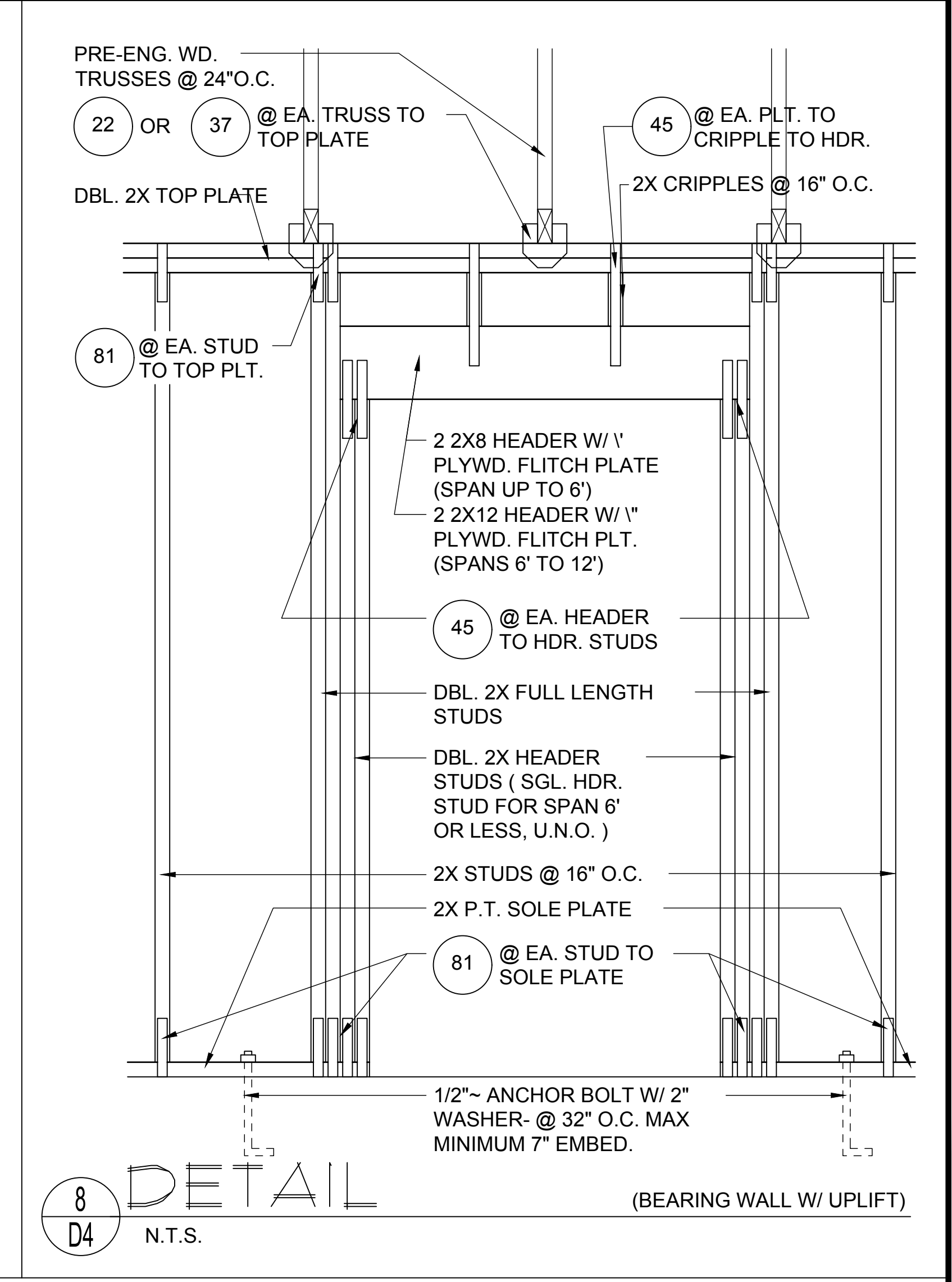
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D4
DETAIL
N.T.S.



5
D4
DETAIL
N.T.S.



6
D4
DETAIL
N.T.S.



8
D4
DETAIL
N.T.S.

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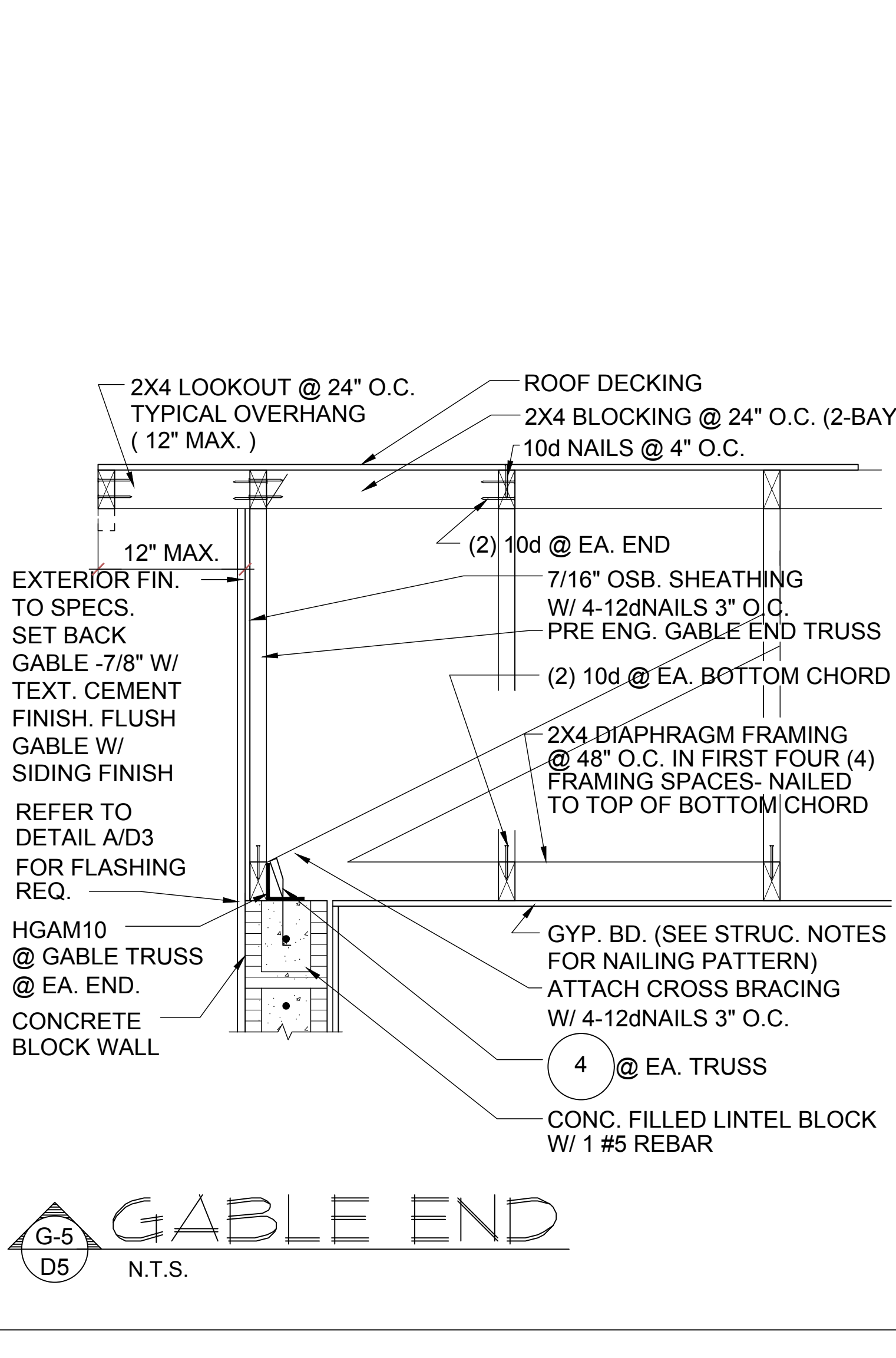
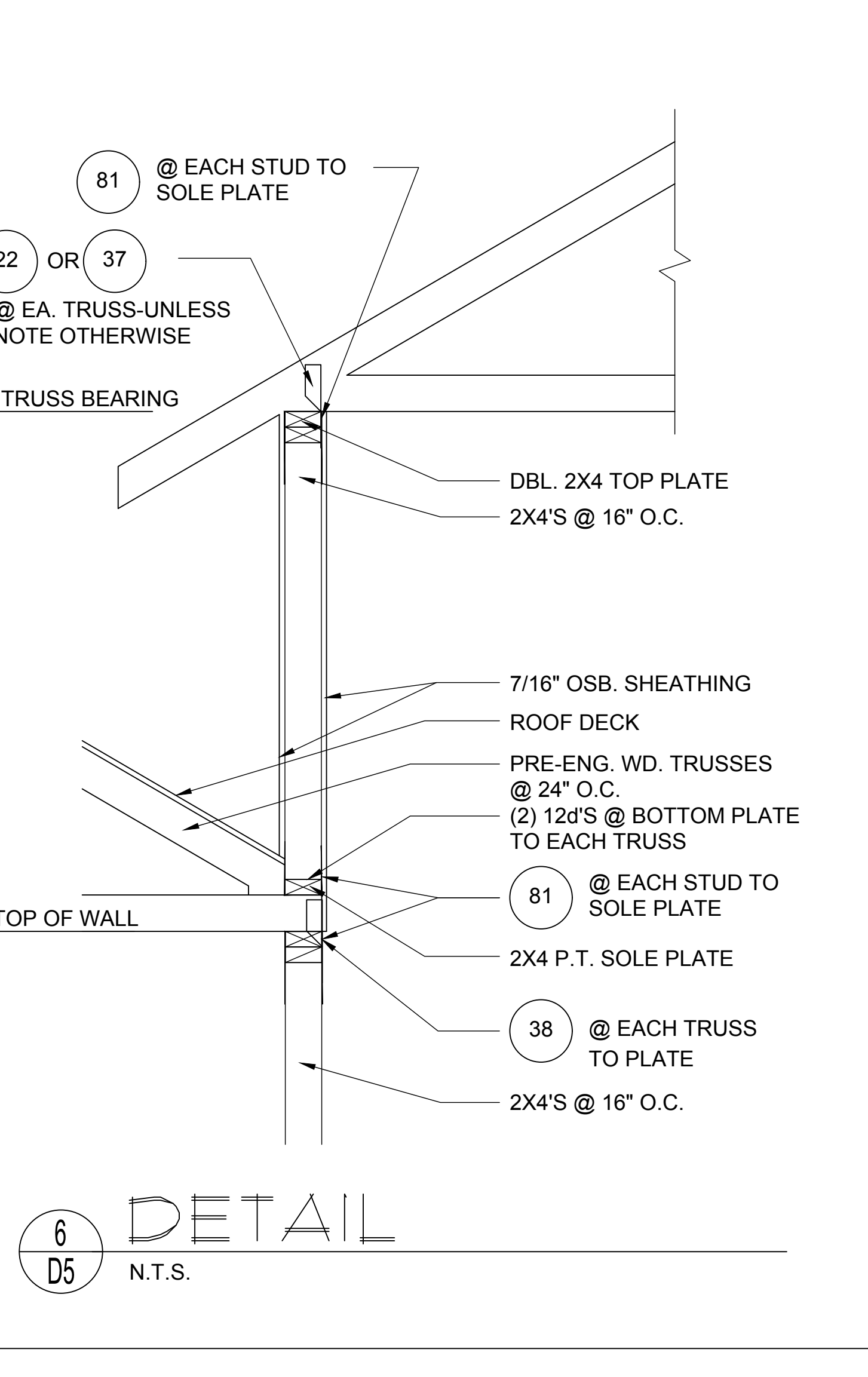
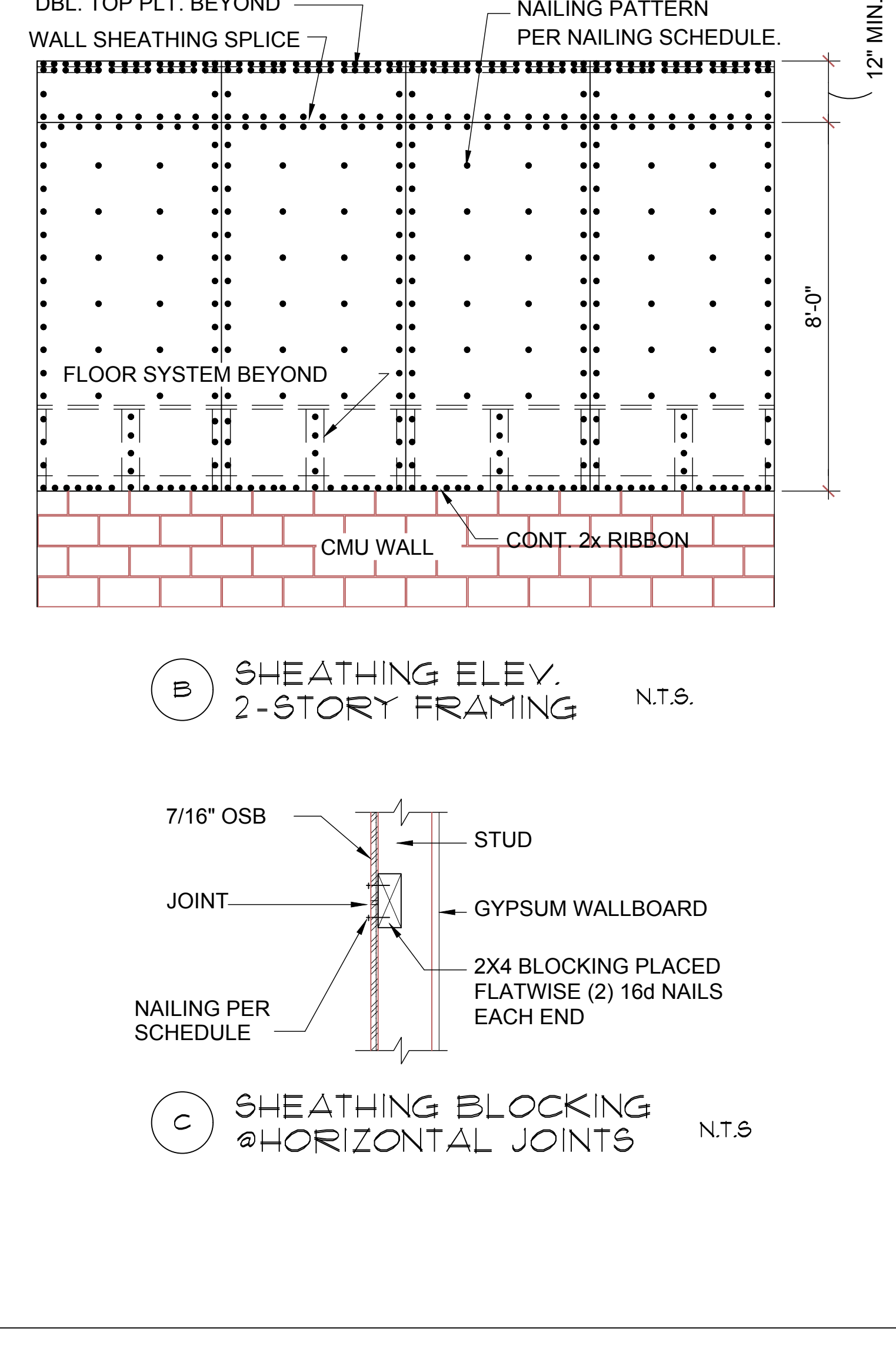
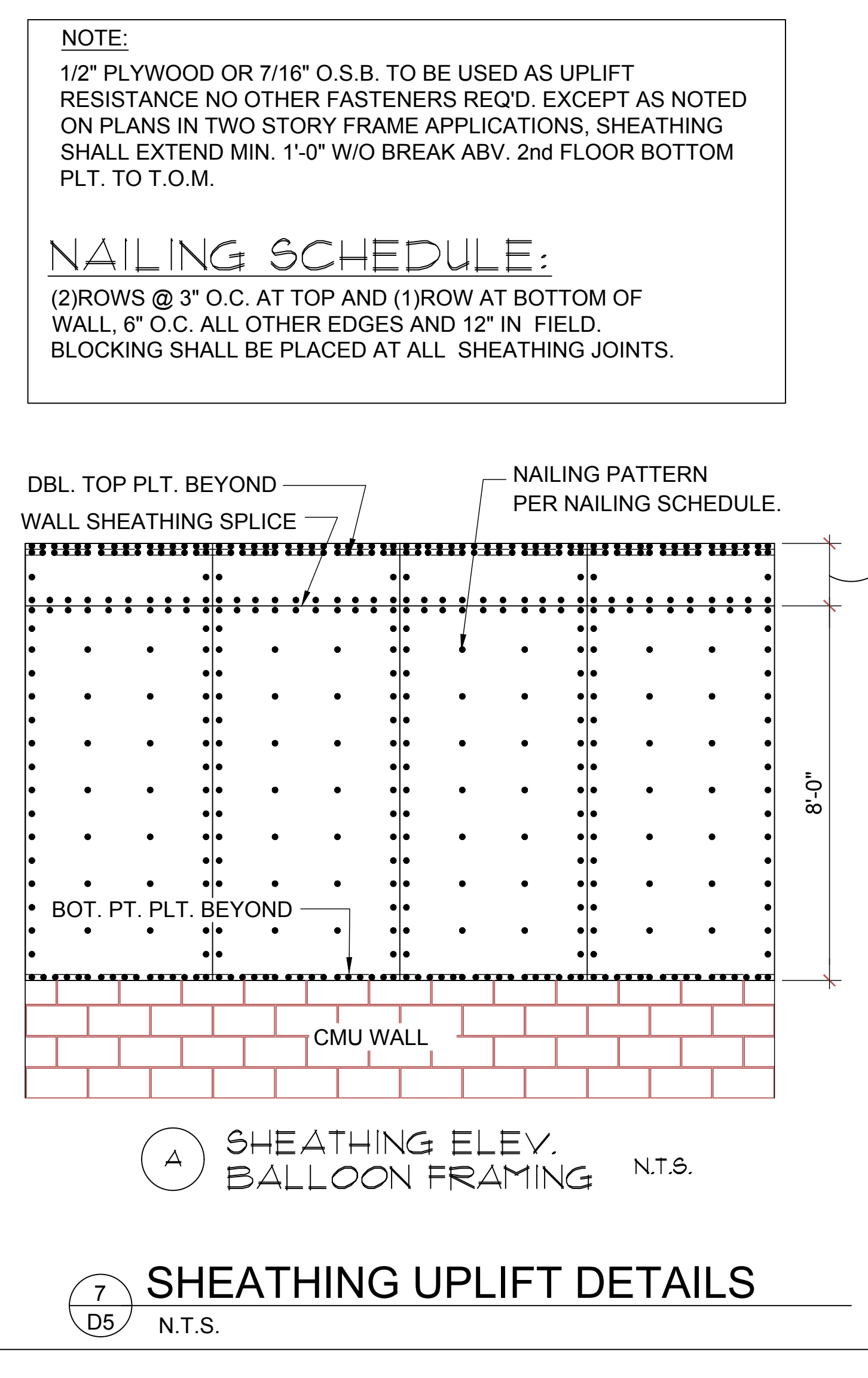
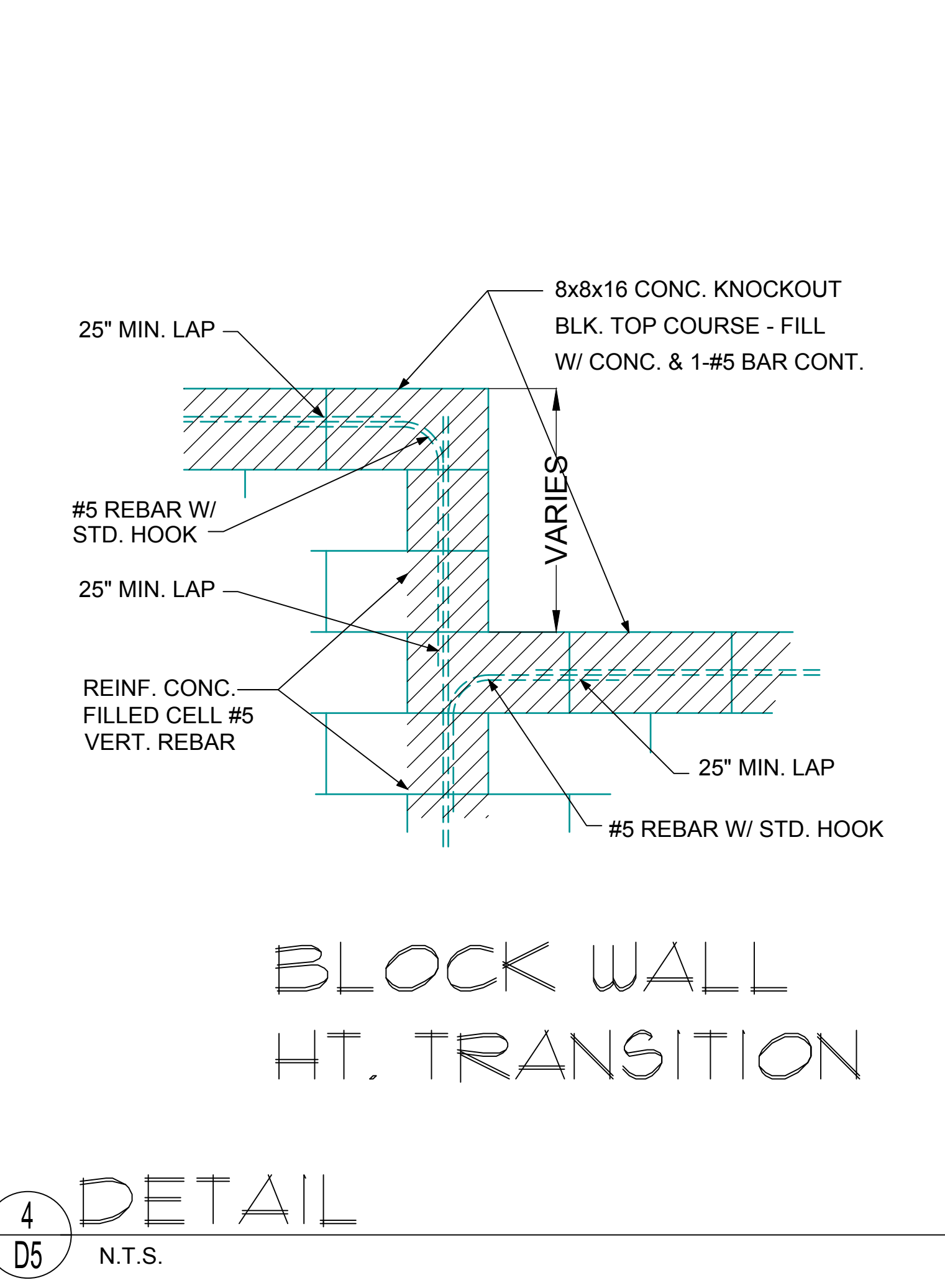
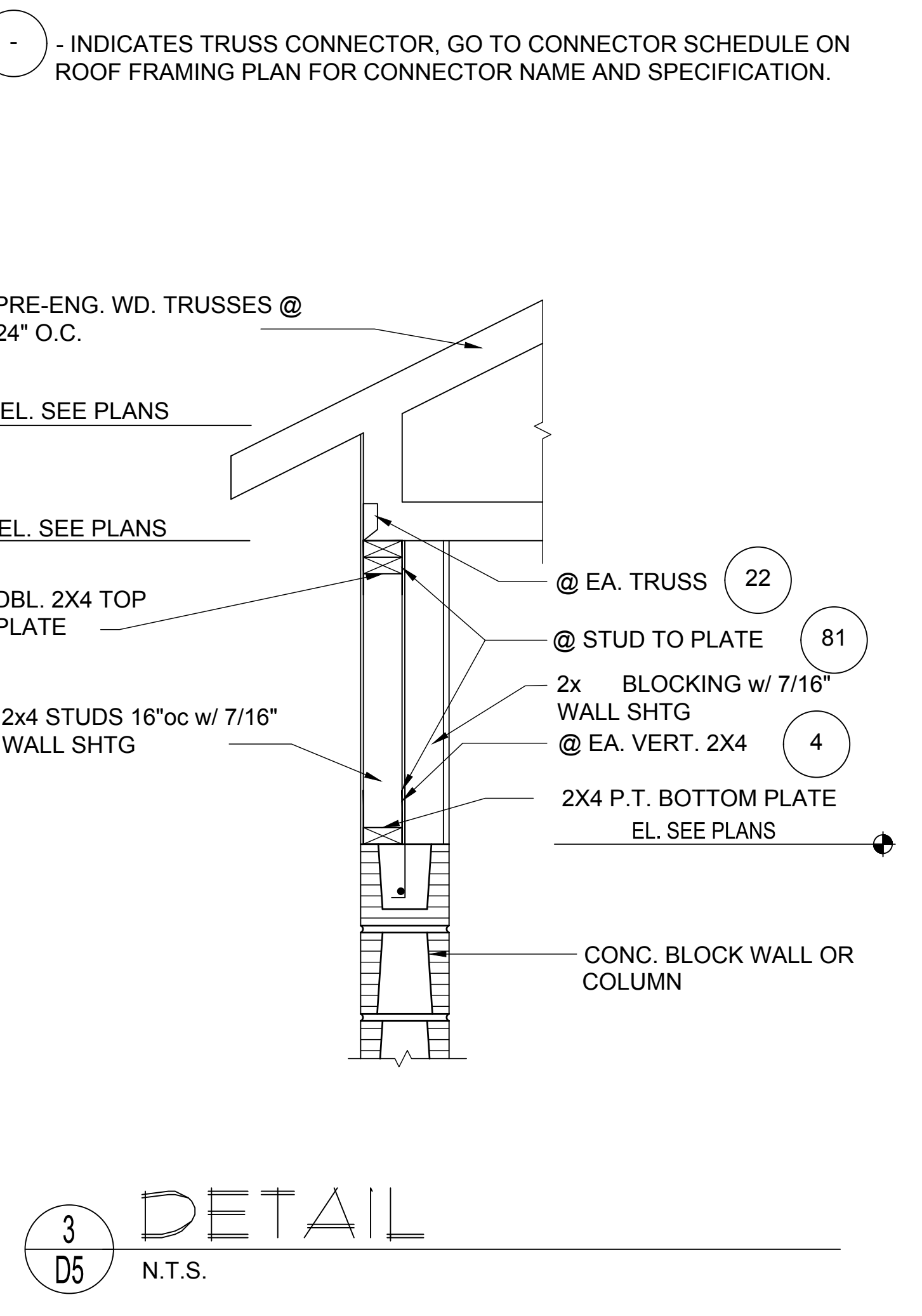
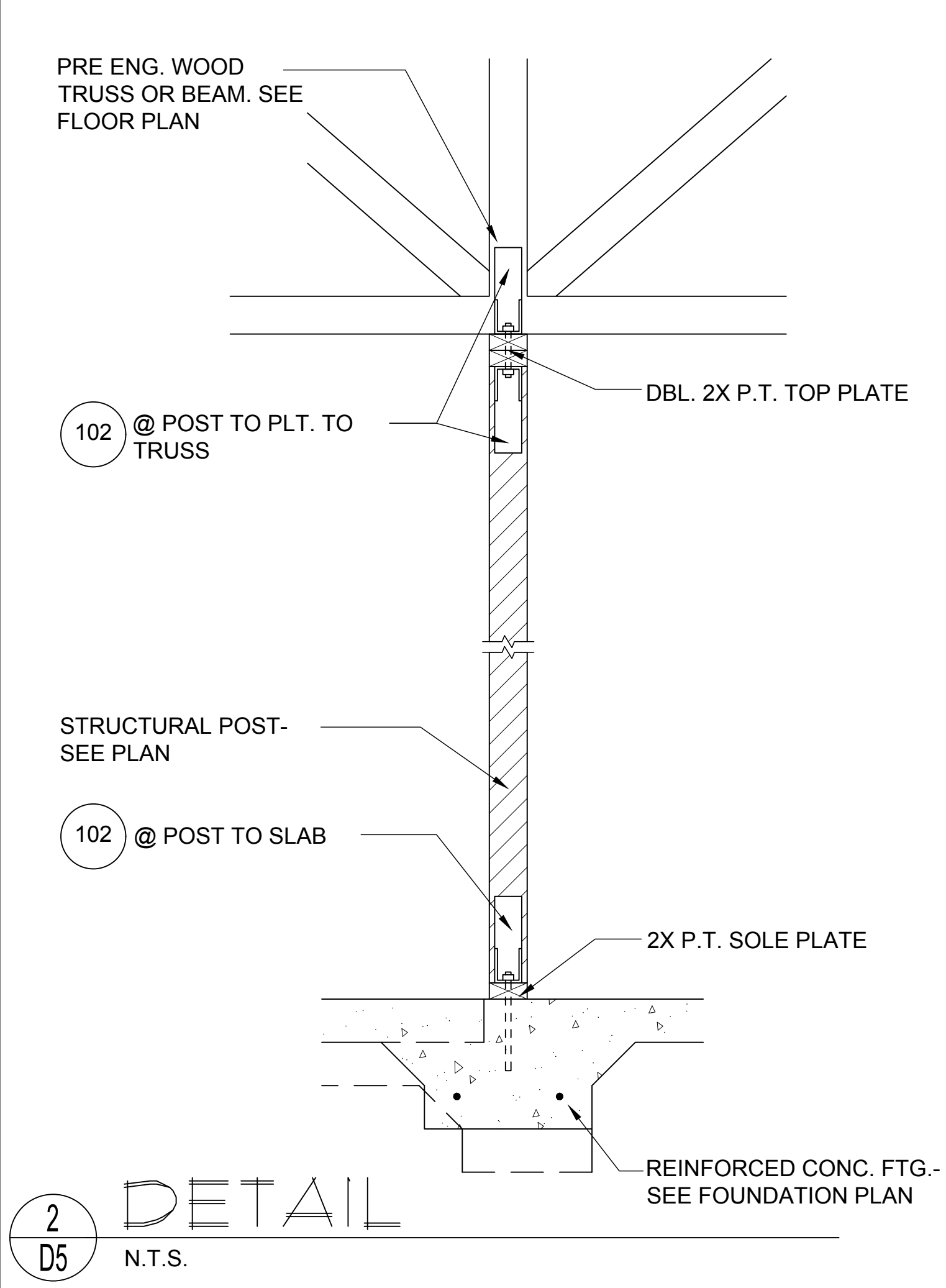
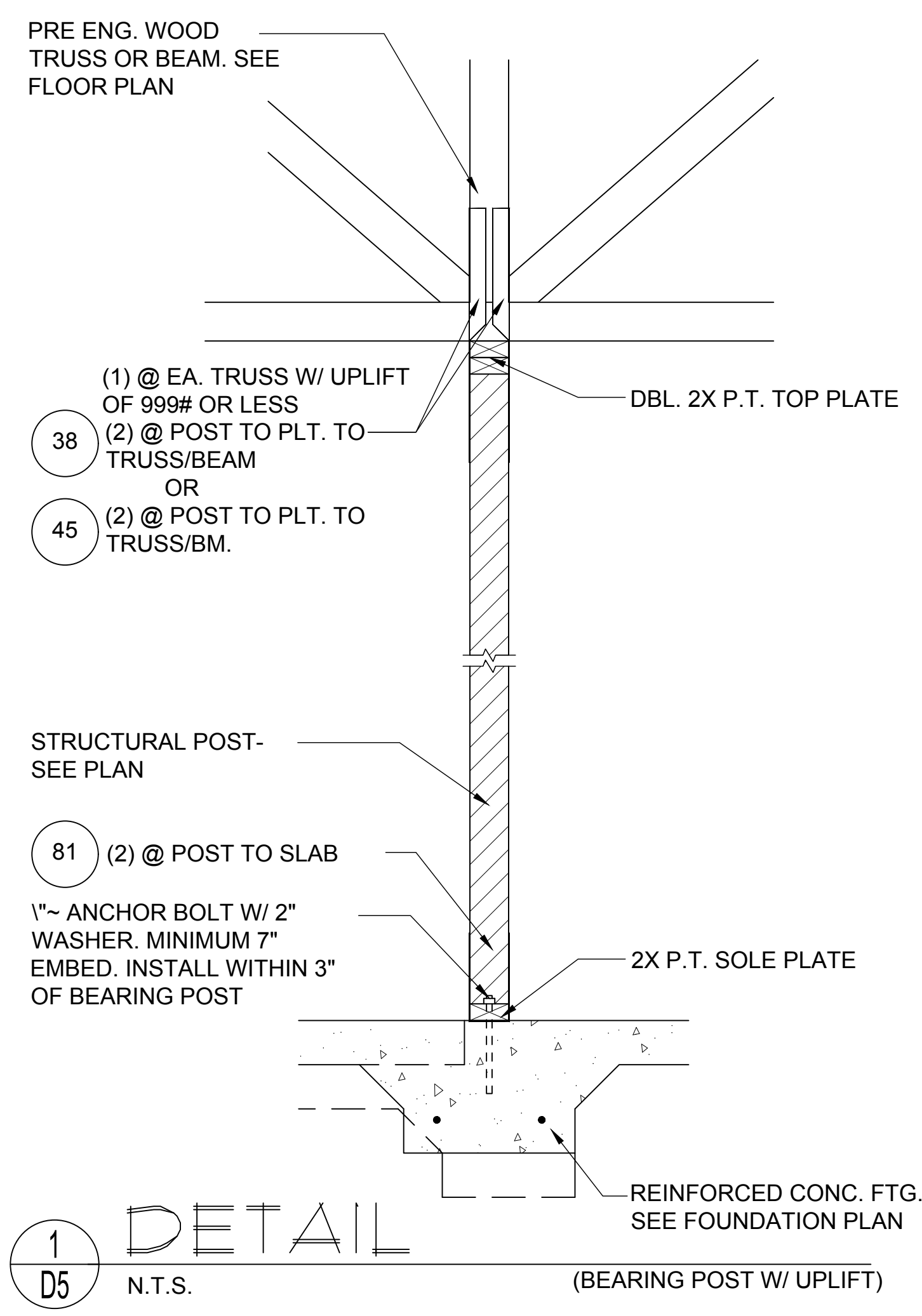
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 Orlando, FL 32811
 Phone: (407) 529-3000

ISSUE DATE: 08/10/2023
 REVISIONS
 PROJECT: 00-0000
 SCALE: AS NOTED
 DRAWN BY: C.C./G.P.
 DESIGNED BY: MJS

Foundation plan

D4

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MJS
 designers group
 residential-commercial-architecture

Paired Villas
 Models: (Pacific-Pacific), (Pacific-Gulf), (Gulf-Gulf)

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 5200 Vineland Rd. Suite #200
 Orlando, FL 32811
 Phone: (407) 529-3000

Lot# XX-XX
 Street Address
 City, State, Zip Code

ISSUE DATE	08/10/2023
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Foundation plan

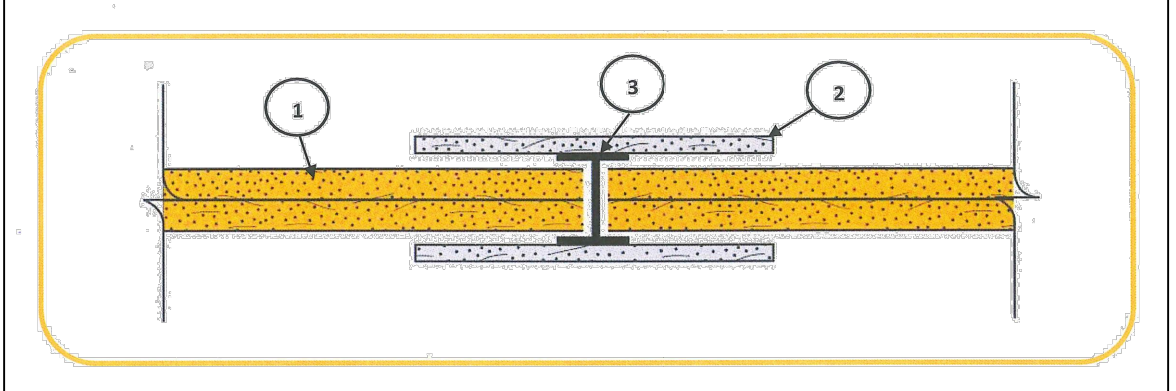
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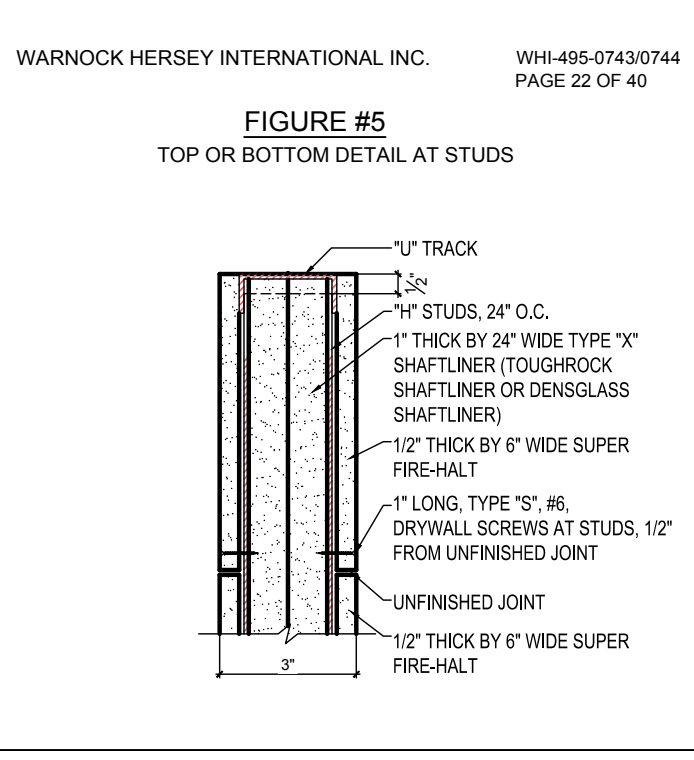
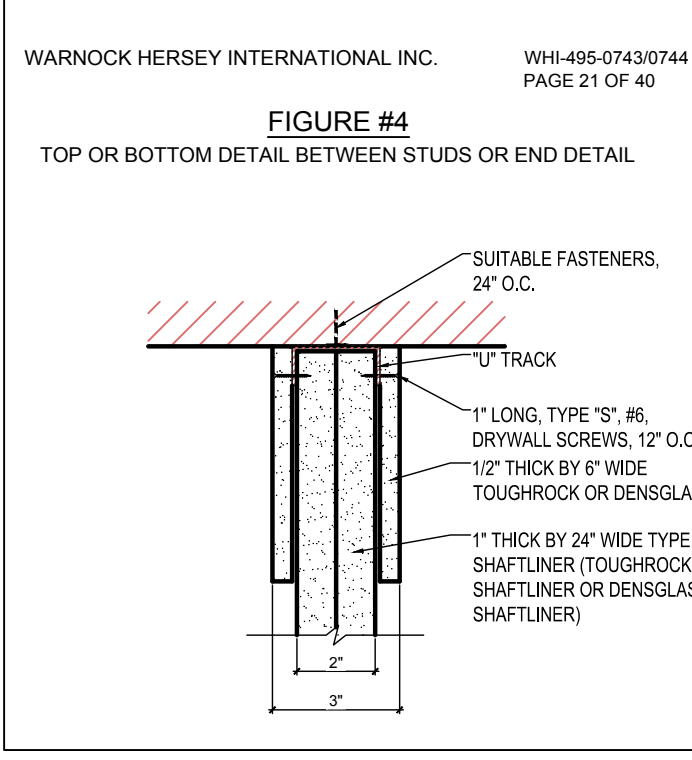
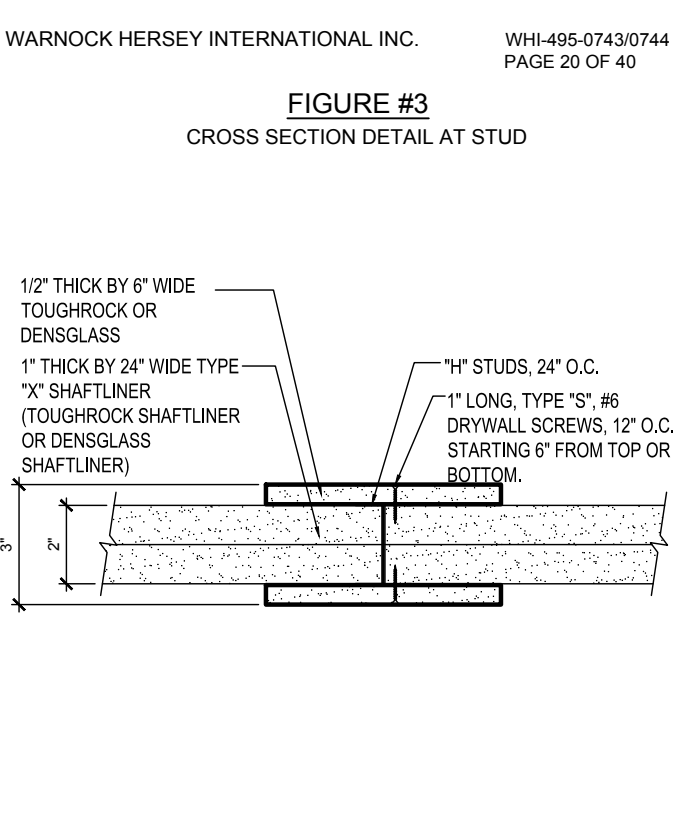
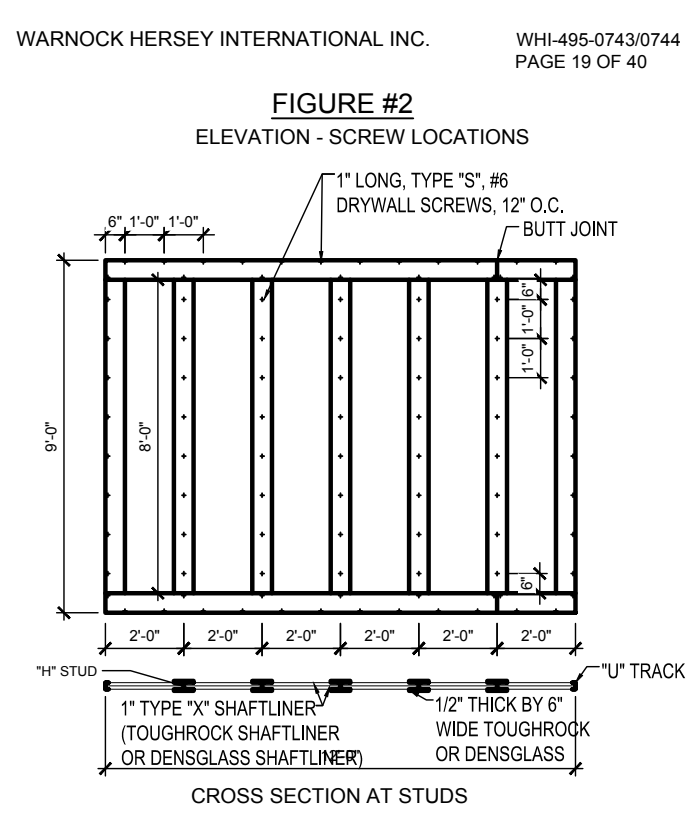
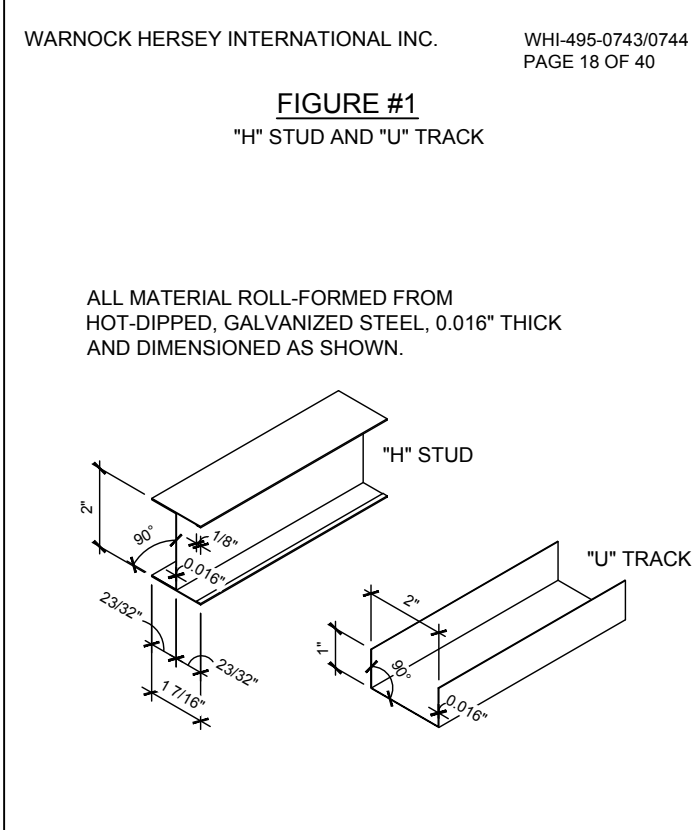
intertek
Total Quality Assured.

Division 09 - Finishes
09 21 00 Plaster and Gypsum Board Assemblies
09 21 16.33 Gypsum Board Area Separation Wall Assemblies

Georgia-Pacific Gypsum, LLC
Design No. GP/WA 120-05
Non-Bearing Wall Assembly
Area Separation Wall
ASTM E119
Rating: 2 hours

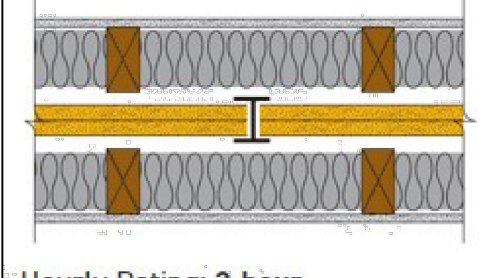


- CERTIFIED MANUFACTURER:** Georgia-Pacific Gypsum, LLC
CERTIFIED PRODUCT: Gypsum Shaftfliner
CERTIFIED MODEL: ToughRock Shaftfliner or DensGlass Shaftfliner
Gypsum Shaftfliner: Two layers 1-in. (25.4 mm) ToughRock Shaftfliner or DensGlass Shaftfliner inserted in H-Studs 24-in. (610 mm) o.c.
- Gypsum Board:** Metal covered using 6-in. (152 mm) wide ½-in. (12.7 mm) DensArmor Plus Fireguard C Interior Panels or ½-in. (12.7 mm) ToughRock Fireguard C gypsum board.
- Steel Studs:** ½" shaped Studs, 1-1/2-in. (38.1 mm) wide x 2-in. (50.8 mm) deep, roll-formed from minimum 0.018-in. thick galvanized steel. Cut to length ½-in. less than the openings height and spaced a maximum of 24-in. (610 mm) o.c.



F 2HR. EXT. FIREWALL ASSEMBLY WHI-495-0743

Two layers 1" (25.4 mm) ToughRock Shaftfliner or DensGlass® Shaftfliner inserted in H-Studs 24" (610 mm) o.c. Min. 3/4" (19 mm) air space on both sides must be maintained between liner panels and adjacent framing. Sound Tested with 2"x4" stud wall with 1/2" (12.7 mm) ToughRock® Fireguard C gypsum wallboard or DensArmor Plus® Fireguard C panels each side of assembly and 3-1/2" (89 mm) fiberglass insulation in stud space both sides. Breakaway clip facings and height of wall differ between UL Design U373 and WHI GP/WA 120-04. Please consult each listing for specific information.



- Approved for Assembly:**
- DensGlass® Shaftfliner Panel
 - ToughRock Shaftfliner
 - DensArmor Plus Fireguard C
 - ToughRock Fireguard C

Hourly Rating: **2-hour**
STC Rating: **65-69 STC**
Fire Test Reference: **UL U373, ULC W312**
WHI GP/WA 120-04, cUL U373, GA ASW
0810
Sound Test Reference: **RAL TL10-291**

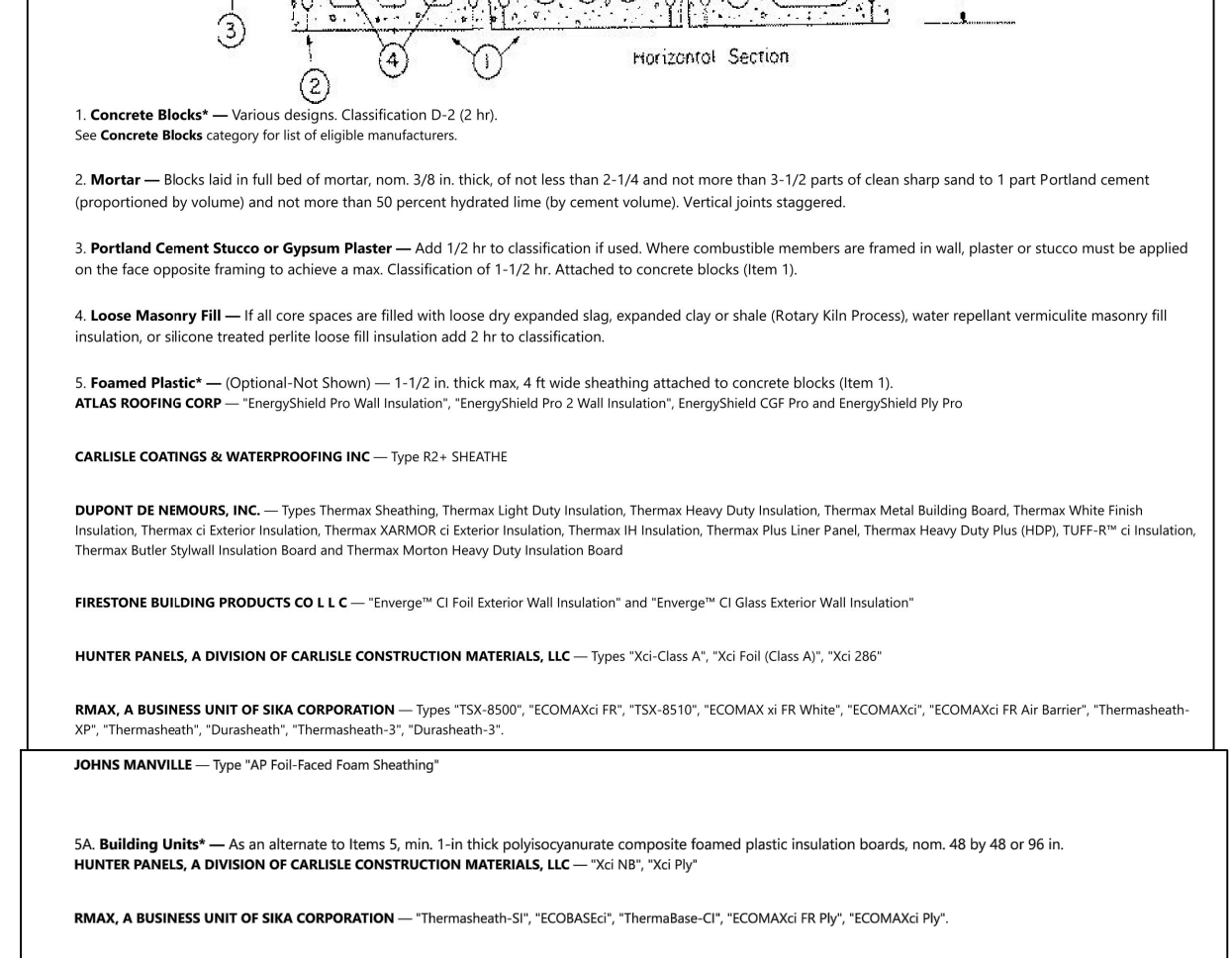
NOTE: 6" STRIPS OVER "H" STUD IS NOT REQUIRED IF 3/4" AIR SPACE IS MAINTAINED WHEN USING GP/WA 120-04

L 2HR. EXT. FIREWALL ASSEMBLY GPWA 120-04

Design No. U905
November 09, 2020
Bearing Wall Rating — 2 HR.
Nonbearing Wall Rating — 2 HR.

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide B301V or B3017.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



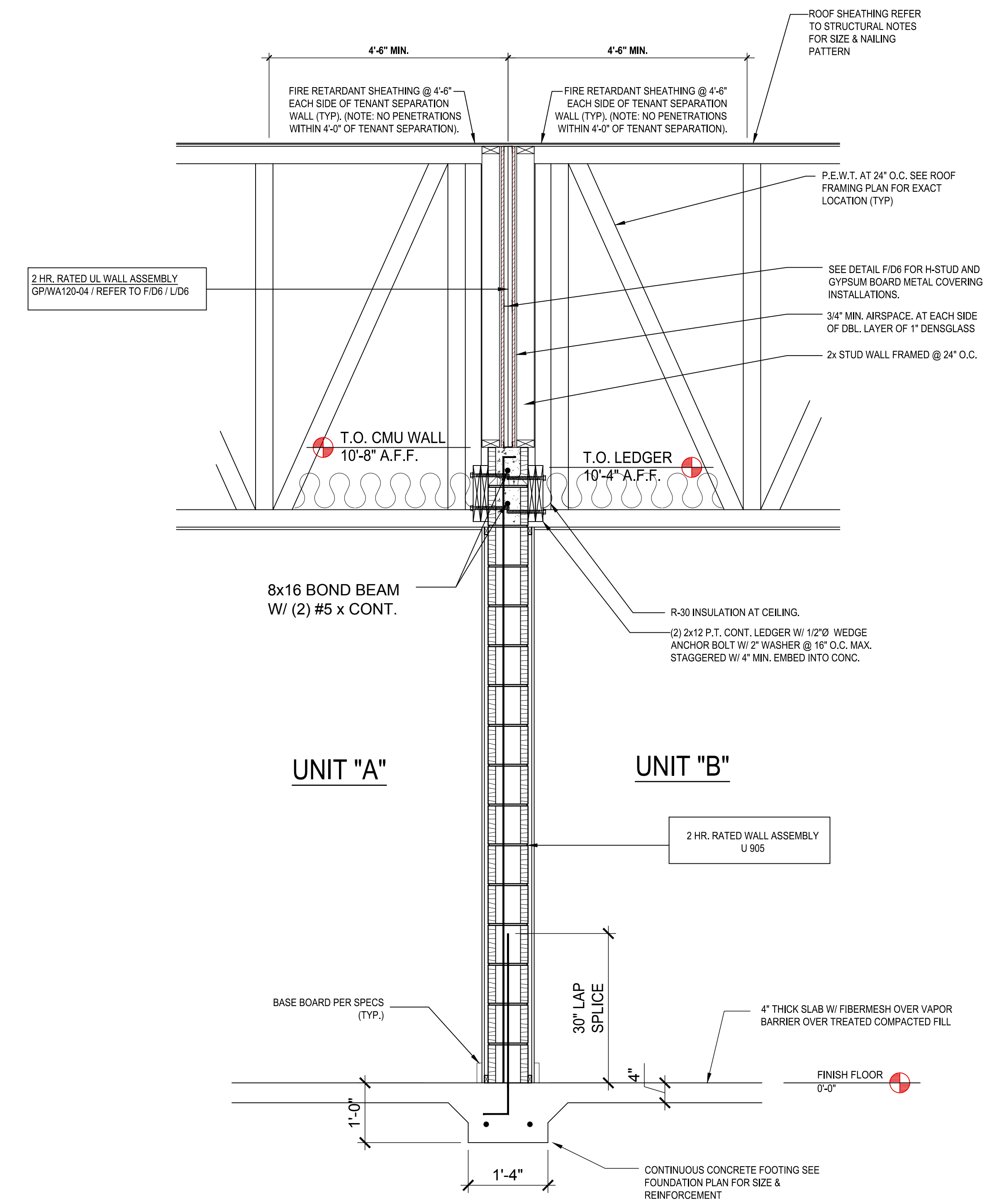
* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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Last Updated on 2020-11-09

DESIGN NO. U905



(2) HR Partition Fire Wall
SCALE 3/4" = 1'-0"

intertek
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Paired Villas
Models: (Pacific-Pacific), (Pacific-Gulf), (Gulf-Gulf)
Lot# XX-XX
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City, State, Zip Code

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Phone: (407) 529-3000

Park Square HOMES

ISSUE DATE: 08/10/2023
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DESIGNED BY: MJS

Foundation plan
D6