

2992 CRISTO SIGNATURE SERIES



SHEET INDEX:

A0 COVER SHEET	S1A FOUNDATION PLAN - "ELEV. A"	S3.C6 PRE-CAST LINTEL PLAN (OPT. OFFICE & EXT. LANAI) - "ELEV. C"
A1 SLAB PLAN - "ELEV. A,B,C"	S1A.1 FOUNDATION PLAN (OPT. EXT. LANAI) - "ELEV. A"	S3.C7 PRE-CAST LINTEL PLAN (OPT. OFFICE & EXT. LANAI & TRAY CLG.) - "ELEV. C"
A1.1 SLAB PLAN (OPT. EXT. LANAI) - "ELEV. A,B,C"	S1A.2 FOUNDATION PLAN (OPT. OFFICE) - "ELEV. A"	D1 STRUCTURAL NOTES & DETAILS
A2.A FLOOR PLAN - "ELEV. A"	S1A.3 FOUNDATION PLAN (OPT. OFFICE & EXT. LANAI) - "ELEV. A"	D2 STRUCTURAL DETAILS
A2.A1 FLOOR PLAN (OPT. EXT. LANAI) - "ELEV. A"	S1.B FOUNDATION PLAN - "ELEV. B"	D3 STRUCTURAL DETAILS
A2.A2 FLOOR PLAN (OPT. OFFICE) - "ELEV. A"	S1.B1 FOUNDATION PLAN (OPT. EXT. LANAI) - "ELEV. B"	D4 STRUCTURAL DETAILS
A2.A3 FLOOR PLAN (OPT. OFFICE & EXT. LANAI) - "ELEV. A"	S1.B2 FOUNDATION PLAN (OPT. OFFICE) - "ELEV. B"	D5 STRUCTURAL DETAILS
A2.B FLOOR PLAN - "ELEV. B"	S1.B3 FOUNDATION PLAN (OPT. OFFICE & EXT. LANAI) - "ELEV. B"	
A2.B1 FLOOR PLAN (OPT. EXT. LANAI) - "ELEV. B"	S1.C FOUNDATION PLAN - "ELEV. C"	
A2.B2 FLOOR PLAN (OPT. OFFICE) - "ELEV. B"	S1.C1 FOUNDATION PLAN (OPT. EXT. LANAI) - "ELEV. C"	
A2.B3 FLOOR PLAN (OPT. OFFICE & EXT. LANAI) - "ELEV. B"	S1.C2 FOUNDATION PLAN (OPT. OFFICE) - "ELEV. C"	
A2.C FLOOR PLAN - "ELEV. C"	S1.C3 FOUNDATION PLAN (OPT. OFFICE & EXT. LANAI) - "ELEV. C"	
A2.C1 FLOOR PLAN (OPT. EXT. LANAI) - "ELEV. C"	S2.A PRE-CAST LINTEL PLAN - "ELEV. A"	
A2.C2 FLOOR PLAN (OPT. OFFICE) - "ELEV. C"	S2.A1 PRE-CAST LINTEL PLAN (OPT. EXT. LANAI) - "ELEV. A"	
A2.C3 FLOOR PLAN (OPT. OFFICE & EXT. LANAI) - "ELEV. C"	S2.A2 PRE-CAST LINTEL PLAN (OPT. OFFICE) - "ELEV. A"	
A3.A EXT. ELEVATION A, FRONT & REAR - "ELEV. A"	S2.A3 PRE-CAST LINTEL PLAN (OPT. OFFICE & EXT. LANAI) - "ELEV. A"	
A3.A1 EXT. ELEVATION A, FRONT & REAR (OPT. EXT. LANAI) - "ELEV. A"	S2.B PRE-CAST LINTEL PLAN - "ELEV. B"	
A3.B EXT. ELEVATION B, FRONT & REAR - "ELEV. B"	S2.B1 PRE-CAST LINTEL PLAN (OPT. EXT. LANAI) - "ELEV. B"	
A3.B1 EXT. ELEVATION B, FRONT & REAR (OPT. EXT. LANAI) - "ELEV. B"	S2.B2 PRE-CAST LINTEL PLAN (OPT. OFFICE) - "ELEV. B"	
A3.C EXT. ELEVATION C, FRONT & REAR - "ELEV. C"	S2.B3 PRE-CAST LINTEL PLAN (OPT. OFFICE & EXT. LANAI) - "ELEV. B"	
A3.C1 EXT. ELEVATION C, FRONT & REAR (OPT. EXT. LANAI) - "ELEV. C"	S2.C PRE-CAST LINTEL PLAN - "ELEV. C"	
A4.A EXT. ELEVATION A, LEFT & RIGHT - "ELEV. A"	S2.C1 PRE-CAST LINTEL PLAN (OPT. EXT. LANAI) - "ELEV. C"	
A4.A1 EXT. ELEVATION A, LEFT & RIGHT (OPT. EXT. LANAI) - "ELEV. A"	S2.C2 PRE-CAST LINTEL PLAN (OPT. OFFICE) - "ELEV. C"	
A4.B EXT. ELEVATION B, LEFT & RIGHT - "ELEV. B"	S2.C3 PRE-CAST LINTEL PLAN (OPT. OFFICE & EXT. LANAI) - "ELEV. C"	
A4.B1 EXT. ELEVATION B, LEFT & RIGHT (OPT. EXT. LANAI) - "ELEV. B"	S3.A PRE-CAST LINTEL PLAN - "ELEV. A"	
A4.C EXT. ELEVATION C, LEFT & RIGHT - "ELEV. C"	S3.A1 PRE-CAST LINTEL PLAN (OPT. TRAY CLG.) - "ELEV. A"	
A4.C1 EXT. ELEVATION C, LEFT & RIGHT (OPT. EXT. LANAI) - "ELEV. C"	S3.A2 PRE-CAST LINTEL PLAN (OPT. EXT. LANAI) - "ELEV. A"	
A5.A ELECTRICAL PLAN - "ELEV. A"	S3.A3 PRE-CAST LINTEL PLAN (OPT. EXT. LANAI & TRAY CLG.) - "ELEV. A"	
A5.A1 ELECTRICAL PLAN (OPT. EXT. LANAI) - "ELEV. A"	S3.A4 PRE-CAST LINTEL PLAN (OPT. OFFICE) - "ELEV. A"	
A5.A2 ELECTRICAL PLAN (OPT. OFFICE) - "ELEV. A"	S3.A5 PRE-CAST LINTEL PLAN (OPT. OFFICE & TRAY CLG.) - "ELEV. A"	
A5.A3 ELECTRICAL PLAN (OPT. OFFICE & EXT. LANAI) - "ELEV. A"	S3.A6 PRE-CAST LINTEL PLAN (OPT. OFFICE & EXT. LANAI) - "ELEV. A"	
A5.B ELECTRICAL PLAN - "ELEV. B"	S3.A7 PRE-CAST LINTEL PLAN (OPT. OFFICE & EXT. LANAI & TRAY CLG.) - "ELEV. A"	
A5.B1 ELECTRICAL PLAN (OPT. EXT. LANAI) - "ELEV. B"	S3.B PRE-CAST LINTEL PLAN - "ELEV. B"	
A5.B2 ELECTRICAL PLAN (OPT. OFFICE) - "ELEV. B"	S3.B1 PRE-CAST LINTEL PLAN (OPT. TRAY CLG.) - "ELEV. B"	
A5.B3 ELECTRICAL PLAN (OPT. OFFICE & EXT. LANAI) - "ELEV. B"	S3.B2 PRE-CAST LINTEL PLAN (OPT. EXT. LANAI) - "ELEV. B"	
A5.C ELECTRICAL PLAN - "ELEV. C"	S3.B3 PRE-CAST LINTEL PLAN (OPT. EXT. LANAI & TRAY CLG.) - "ELEV. B"	
A5.C1 ELECTRICAL PLAN (OPT. EXT. LANAI) - "ELEV. C"	S3.B4 PRE-CAST LINTEL PLAN (OPT. OFFICE) - "ELEV. B"	
A5.C2 ELECTRICAL PLAN (OPT. OFFICE) - "ELEV. C"	S3.B5 PRE-CAST LINTEL PLAN (OPT. OFFICE & TRAY CLG.) - "ELEV. B"	
A5.C3 ELECTRICAL PLAN (OPT. OFFICE & EXT. LANAI) - "ELEV. C"	S3.B6 PRE-CAST LINTEL PLAN (OPT. OFFICE & EXT. LANAI) - "ELEV. B"	
A6 ARCHITECTURAL DETAILS	S3.B7 PRE-CAST LINTEL PLAN (OPT. OFFICE & EXT. LANAI & TRAY CLG.) - "ELEV. B"	
	S3.C PRE-CAST LINTEL PLAN - "ELEV. C"	
	S3.C1 PRE-CAST LINTEL PLAN (OPT. TRAY CLG.) - "ELEV. C"	
	S3.C2 PRE-CAST LINTEL PLAN (OPT. EXT. LANAI) - "ELEV. C"	
	S3.C3 PRE-CAST LINTEL PLAN (OPT. EXT. LANAI & TRAY CLG.) - "ELEV. C"	
	S3.C4 PRE-CAST LINTEL PLAN (OPT. OFFICE) - "ELEV. C"	
	S3.C5 PRE-CAST LINTEL PLAN (OPT. OFFICE & TRAY CLG.) - "ELEV. C"	

REVISION SCHEDULE:

NO:	DATE:	DESCRIPTION:	BY:
1	02/15/22	ADDED ROOF VENT NOTES TO ELEVATIONS	M.C.
2	11/12/22	REVISED FRONT DOOR R.O. FROM 96" TO 100"	C.C.
3	02/17/23	PSH FRAME WALK REVISIONS	J.T.
4	08/04/23	REMOVED WINDOW LOCATED IN BED#2	C.C.
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

DISTRIBUTED LIVE LOAD

(IN POUNDS PER SQ. FT.)

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

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 ARENT USED IN THIS SYSTEM OF MEASURING. 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/ATYIC SPACES AND ARE USUALLY LISTED SEPARATELY.

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)

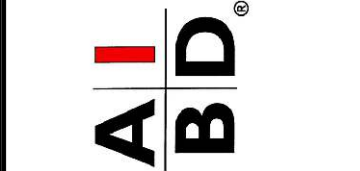
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GENERAL CONTRACTOR:

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.



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60-2992
Lot # - Subdivision
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City, State, Zip

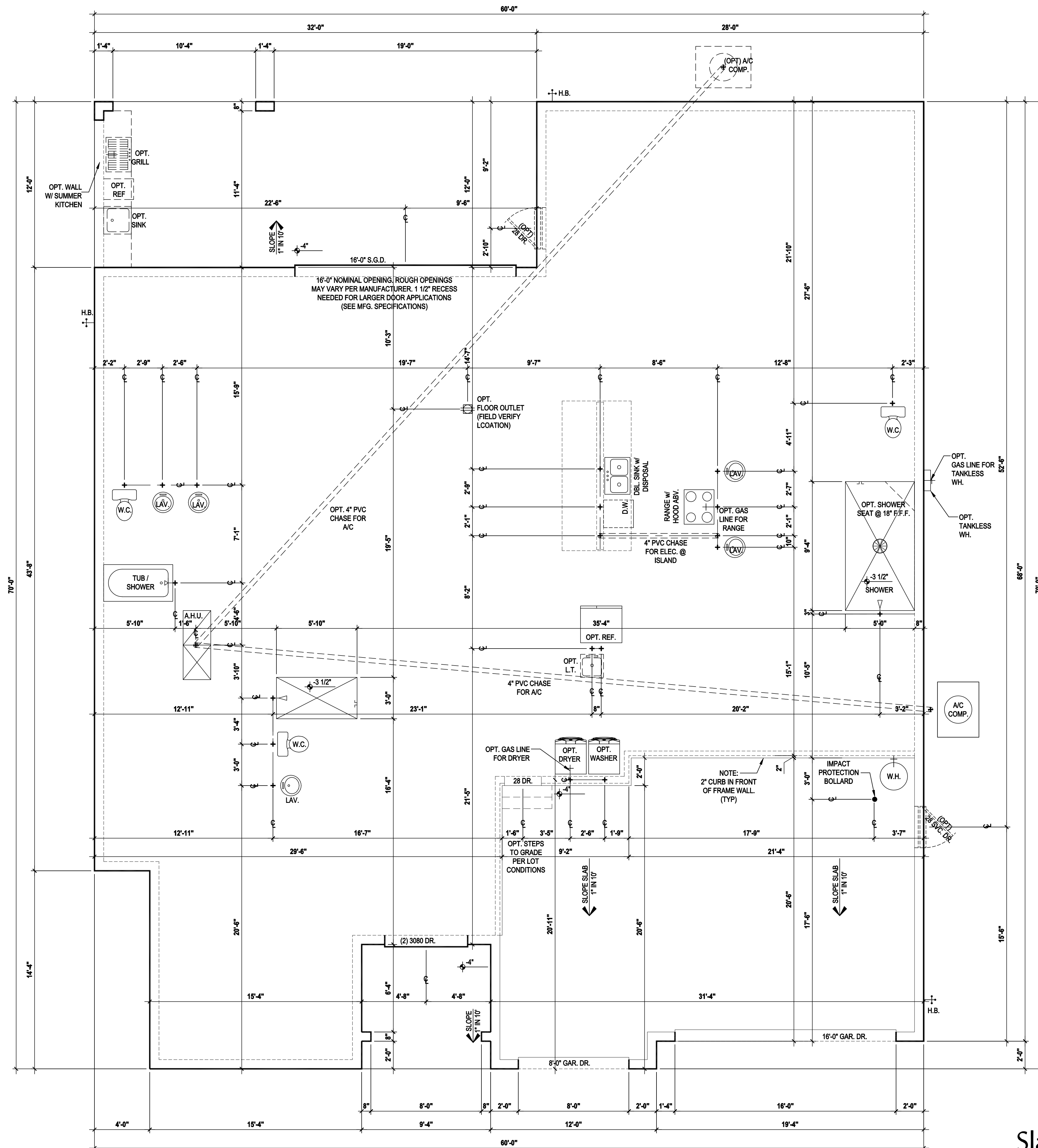
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Phone: (407) 529-3000



ISSUE DATE	03/03/2023
REVISIONS	
PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	C.C.
DESIGNED BY:	MJS

COVER PAGE
A0

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Slab Plan "A,B,C"

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

GENERAL NOTES KEY:

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. 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.
4. PAVERS MAY BE USED ILO CONCRETE SLAB AT PATIO, PORCH, DRIVE AND WALKWAY.
5. IN LEIU OF TREATING THE SOIL AN ALTERNATIVE TO TERMITE TREATED SOIL CAN BE TERMICIDE.
6. 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"
- 24 = 2'-4"
- 26 = 2'-6"
- 28 = 2'-8"
- 30 = 3'-0"
- 40 B.F. = 4'-0" BIFOLD
- 50 B.F. = 5'-0" BIFOLD
- 60 B.F. = 6'-0" BIFOLD

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

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 GREATER ORLANDO BUILDERS ASSOCIATION

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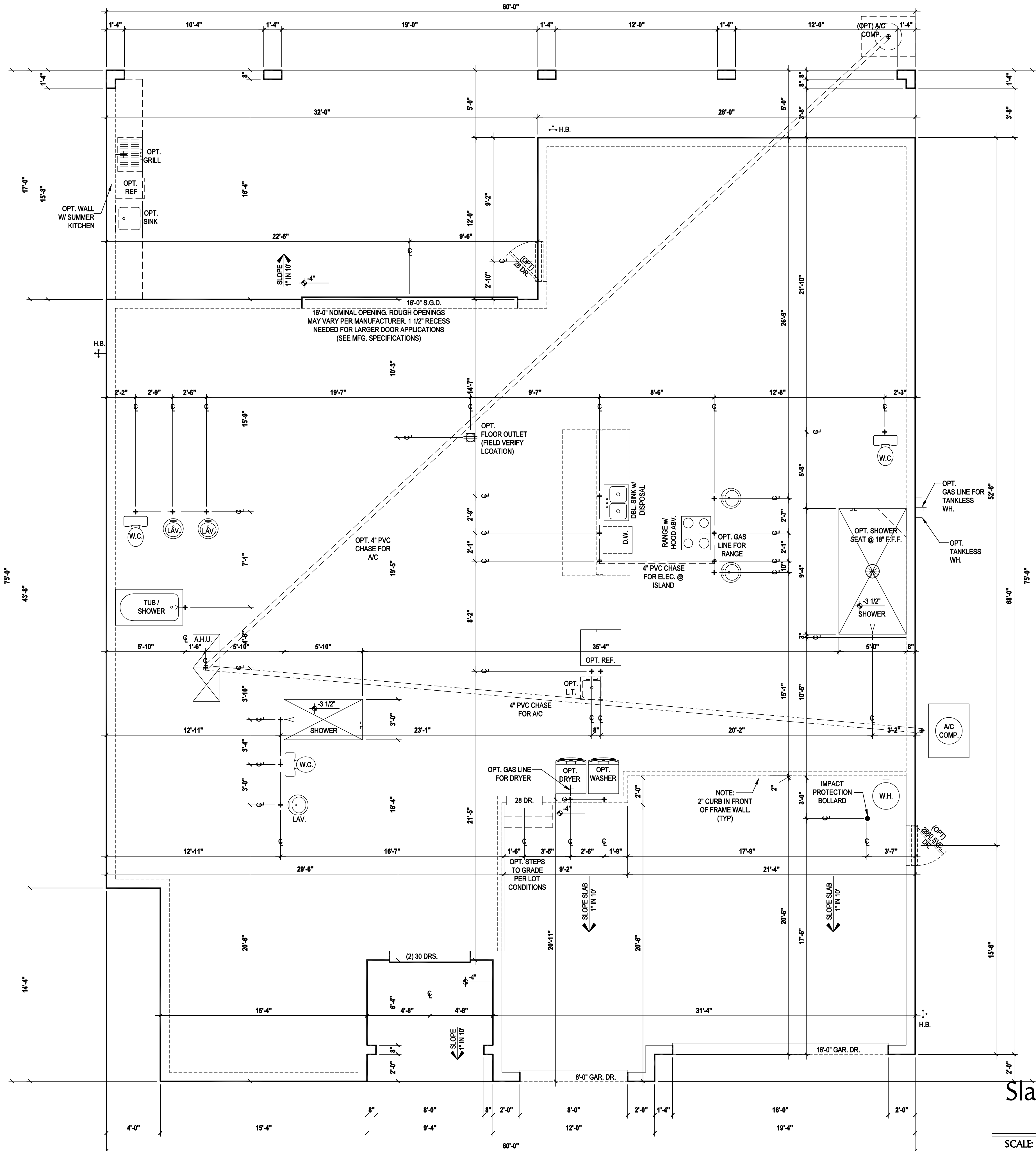
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DESIGNED BY:	MJS

SLAB PLAN
A1

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Slab Plan "A,B,C"
(Opt. Ext. Lanai)

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

GENERAL NOTES KEY:

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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. 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.
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DOOR NOTE KEY:

- DOOR SIZE CALLOUT:**
- 20 = 2'-0"
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 - 26 = 2'-6"
 - 28 = 2'-8"
 - 30 = 3'-0"
 - 40 B.F. = 4'-0" BIFOLD
 - 50 B.F. = 5'-0" BIFOLD
 - 60 B.F. = 6'-0" BIFOLD
- * ALL INT. DOORS TO BE 6'-8" TALL U.N.O. OR PER BUILDER/CLIENT

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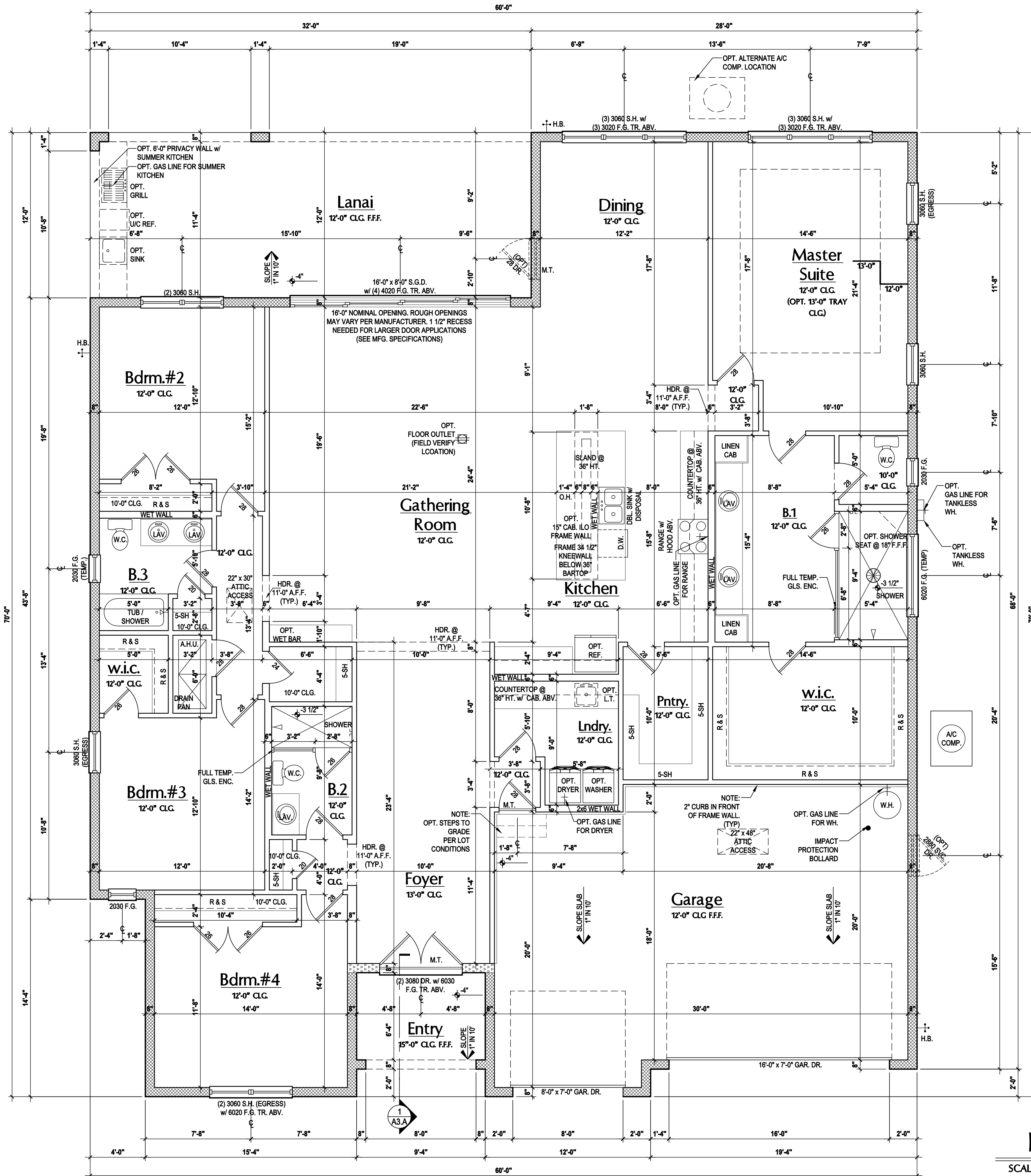
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SCALE:	AS NOTED
DRAWN BY:	C.C.
DESIGNED BY:	MJS

SLAB PLAN
A1.1

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BRG. HT. LEGEND

- 12'-0" BRG. HT.
- 12'-8" BRG. HT.
- FRAME WALL PER PLAN

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
- BF - BYPASS
- BF - FIXED
- TYP. - TYPICAL

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

FLOOR PLAN NOTES:

- CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
- DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
- MECHANICAL EQUIP. LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
- A/C CONDENSER UNIT TO BE ANCHORED TO SLAB PER CODE M307.2 & M1309.3.
- PROVIDE RECESS H&C 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 3/4" U.N.O.
- ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 7/8" U.N.O.
- ALL INT. FIRST FLOOR CEILINGS AT 9'-4" U.N.O.
- ALL INT. SECOND FLOOR CEILINGS AT 9'-2" 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 SW'S - SHEAR WALL SEGMENTS.
- 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.
- 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.
- 1/2" GYPSUM BOARDS APPLIED TO THE UNDER STAIR SURFACE AND SIDES
- 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).
- ALL INT. DOORS TO BE 6'-6" 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 MANUFACTURER'S 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.
- SOIL TESTING IS RECOMMENDED. 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"
- 24 = 2'-4"
- 26 = 2'-6"
- 28 = 2'-8"
- 30 = 3'-0"
- 40 B.F. = 4'-0" BI-FOLD
- 50 B.F. = 5'-0" BI-FOLD
- 60 B.F. = 6'-0" BI-FOLD

WINDOW NOTE KEY:

WINDOW SIZE CALLOUT:

- 2040 = 2'-0" x 4'-0"
- 2050 = 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.

Area Tabulations

Living:	1st floor:	2,992 sf
Total Living:		2,992 sf
Entry:		84 sf
Lanai:		384 sf
Garage:		644 sf
Total Area:		4,104 sf

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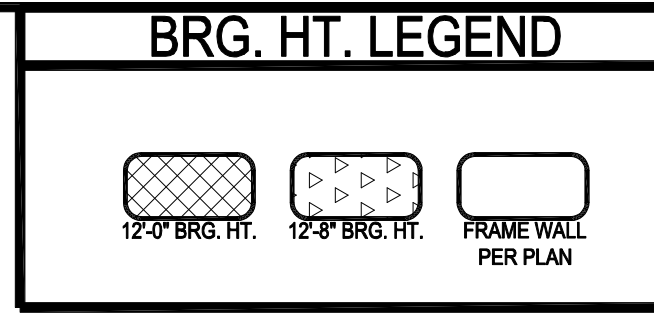
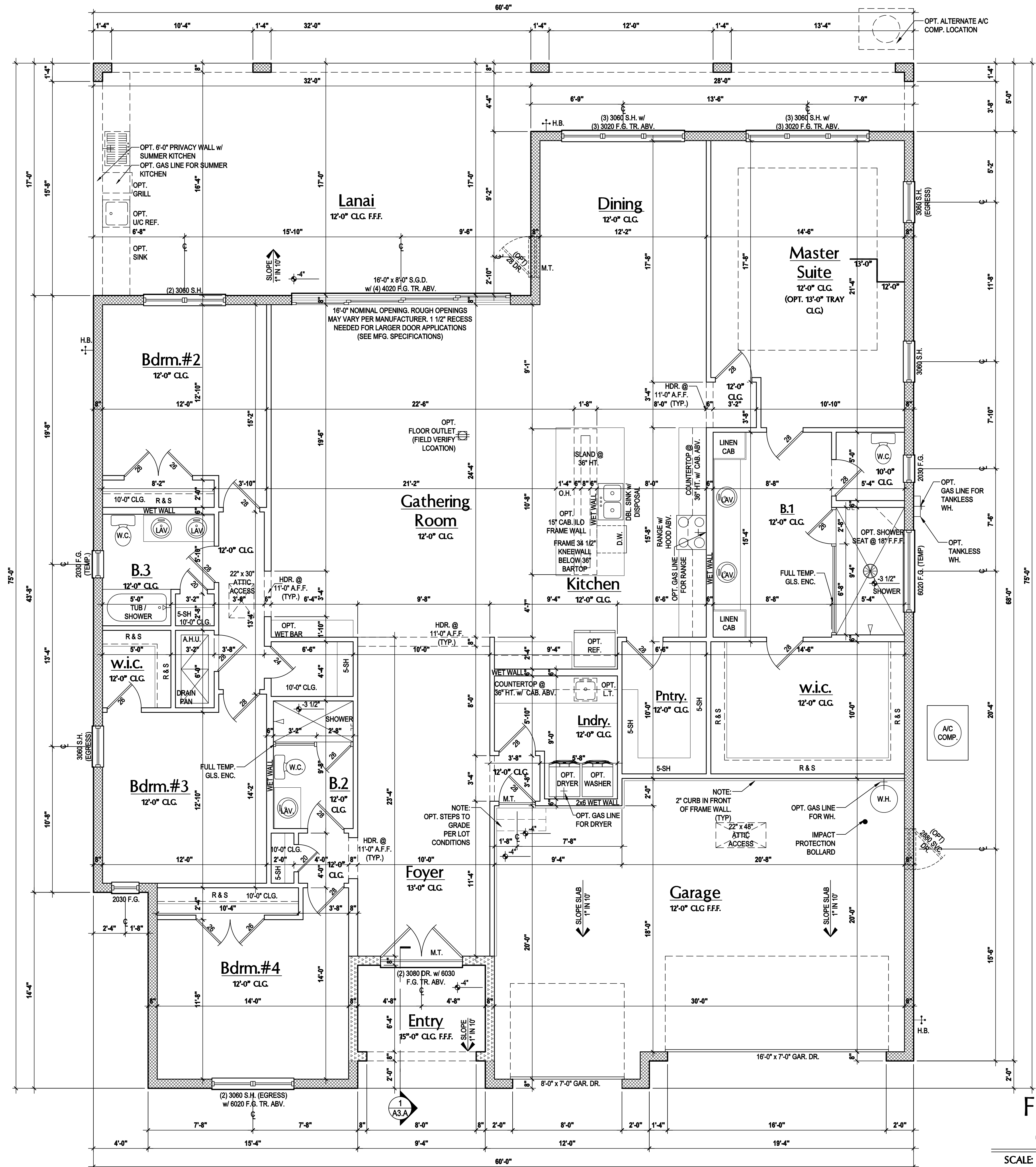
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REVISIONS	
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SCALE:	AS NOTED
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DESIGNED BY:	MJS

FLOOR PLAN
A2.A

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

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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
 - BF - BYPASS
 - BF - 8/16 CLD
 - TYP. - TYPICAL
- NOTE:**
SPECIALTY WINDOWS/DOORS, FIXED GLASS WINDOWS, AND TRANSOMS ARE NOTED ON PLANS.

FLOOR PLAN NOTES:

- NOTES:**
- CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
 - DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
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 - A/C CONDENSER UNIT TO BE ANCHORED TO SLAB PER CODE M307.2 & M1309.3.
 - PROVIDE RECESS H&C 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.
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 - 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.
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 - INSTALL 5/8" TYPE X DRYWALL ON GARAGE CEILING BENEATH HABITABLE ROOMS (TYP.)
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 - 40 B.F. = 4'-0" BI-FOLD
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WINDOW NOTE KEY:

- WINDOW SIZE CALLOUT:**
- 2040 = 2'-0" x 4'-0"
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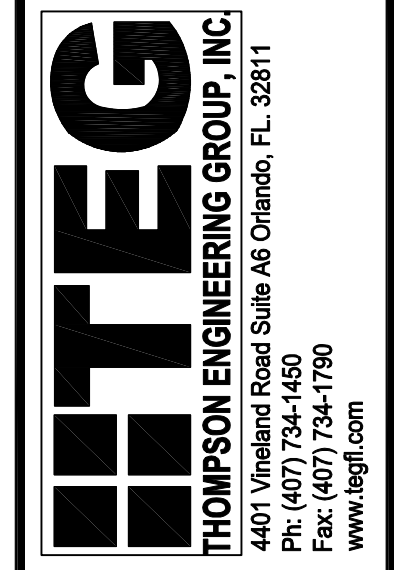
Area Tabulations

Living:	1st floor:	2,992 sf
Total Living:		2,992 sf
Entry:		84 sf
Ext. Lanai:		684 sf
Garage:		644 sf
Total Area:		4,404 sf

Floor Plan "A"

(Opt. Ext. Lanai)

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



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60-2992
Lot # - Subdivision
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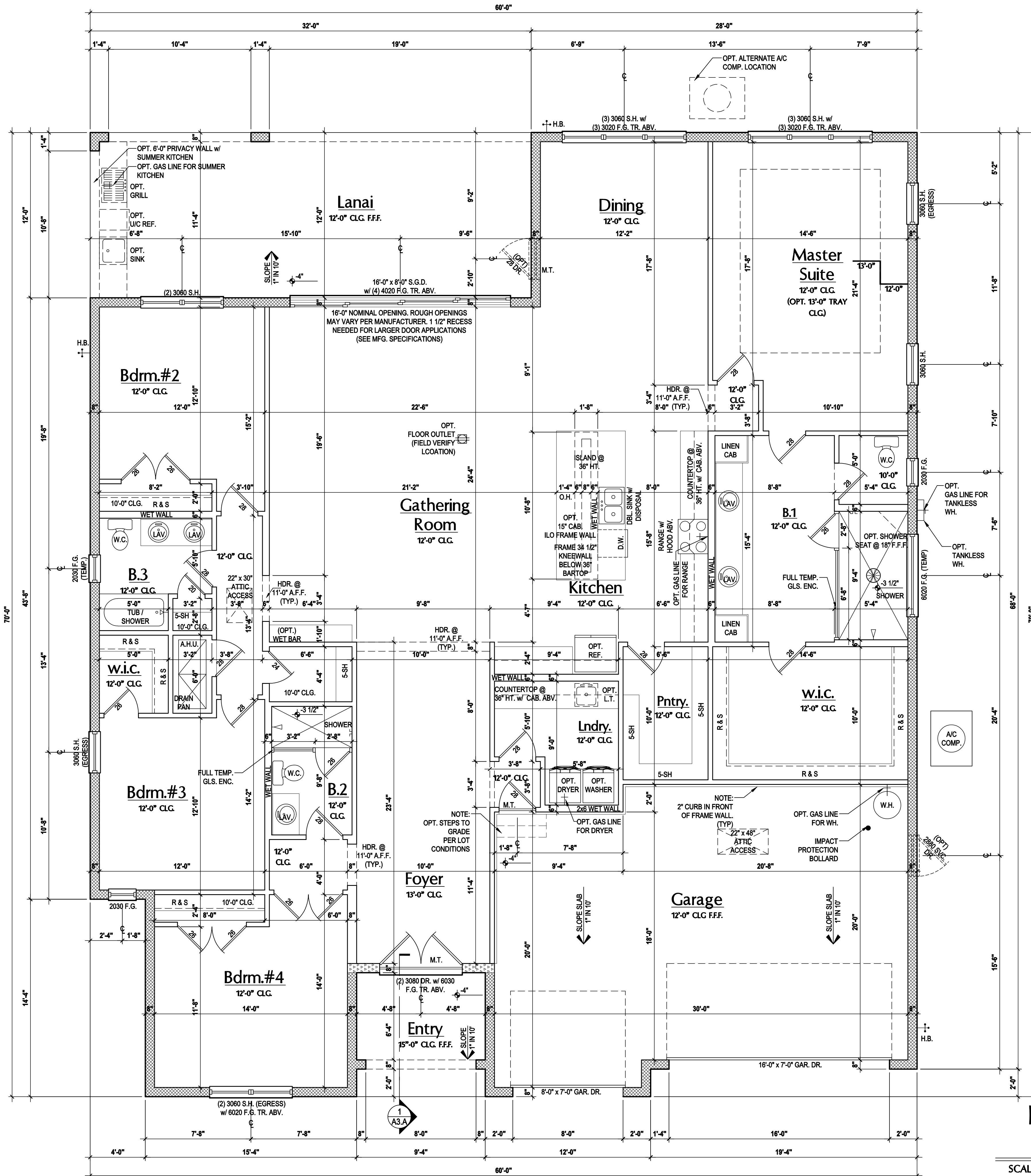
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Phone: (407) 529-3000



ISSUE DATE	03/03/2023
REVISIONS	
PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	C.C.
DESIGNED BY:	MJS

FLOOR PLAN
A2.A1

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BRG. HT. LEGEND

- 12'-0" BRG. HT.
- 12'-8" BRG. HT.
- FRAME WALL PER PLAN

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Living:	1st floor:	2,992 sf
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Lanai:		384 sf
Garage:		644 sf
Total Area:		4,104 sf

Floor Plan "A"
(Opt. Office)

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

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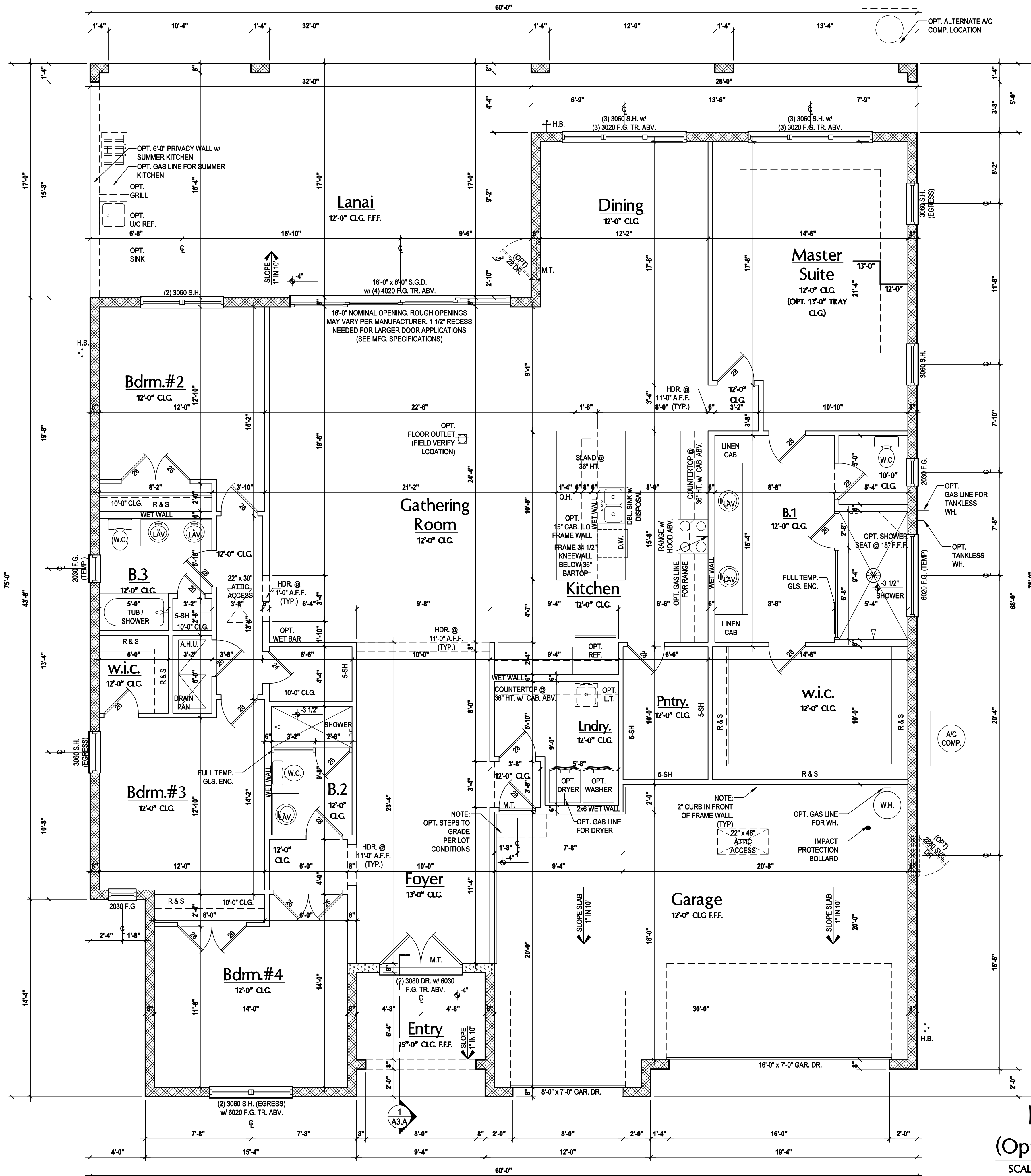
"CRISTO"
60-2992
Lot # - Subdivision
Street Address
City, State, Zip

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

Park Square HOMES

ISSUE DATE	03/03/2023
REVISIONS	
PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	C.C.
DESIGNED BY:	MJS

FLOOR PLAN
A2.A2



BRG. HT. LEGEND

- 12'-0" BRG. HT.
- 12'-8" BRG. HT.
- FRAME WALL PER PLAN

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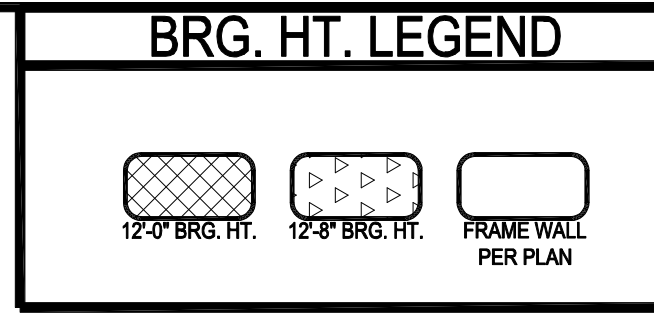
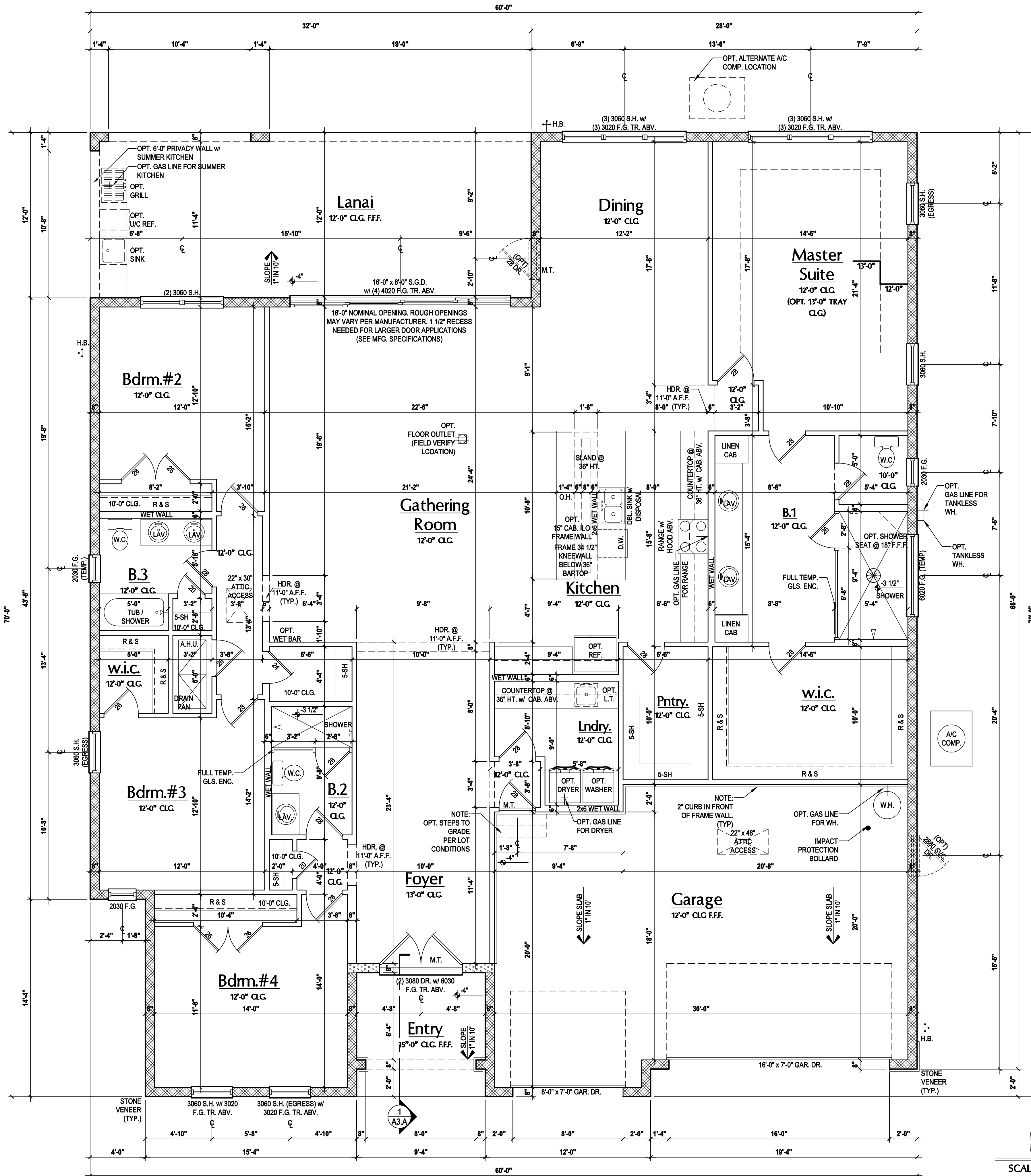
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Park Square HOMES

ISSUE DATE	03/03/2023
REVISIONS	
PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	C.C.
DESIGNED BY:	MJS

FLOOR PLAN
A2.A3

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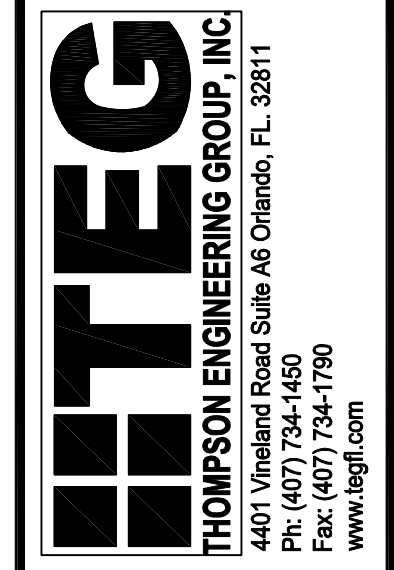
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Total Living:		2,992 sf
Entry:		84 sf
Lanai:		384 sf
Garage:		644 sf
Total Area:		4,104 sf

Floor Plan "B"

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



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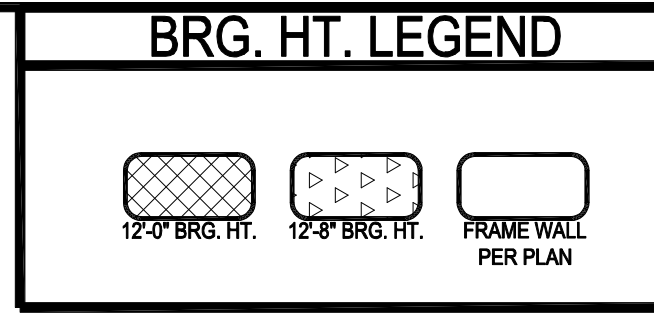
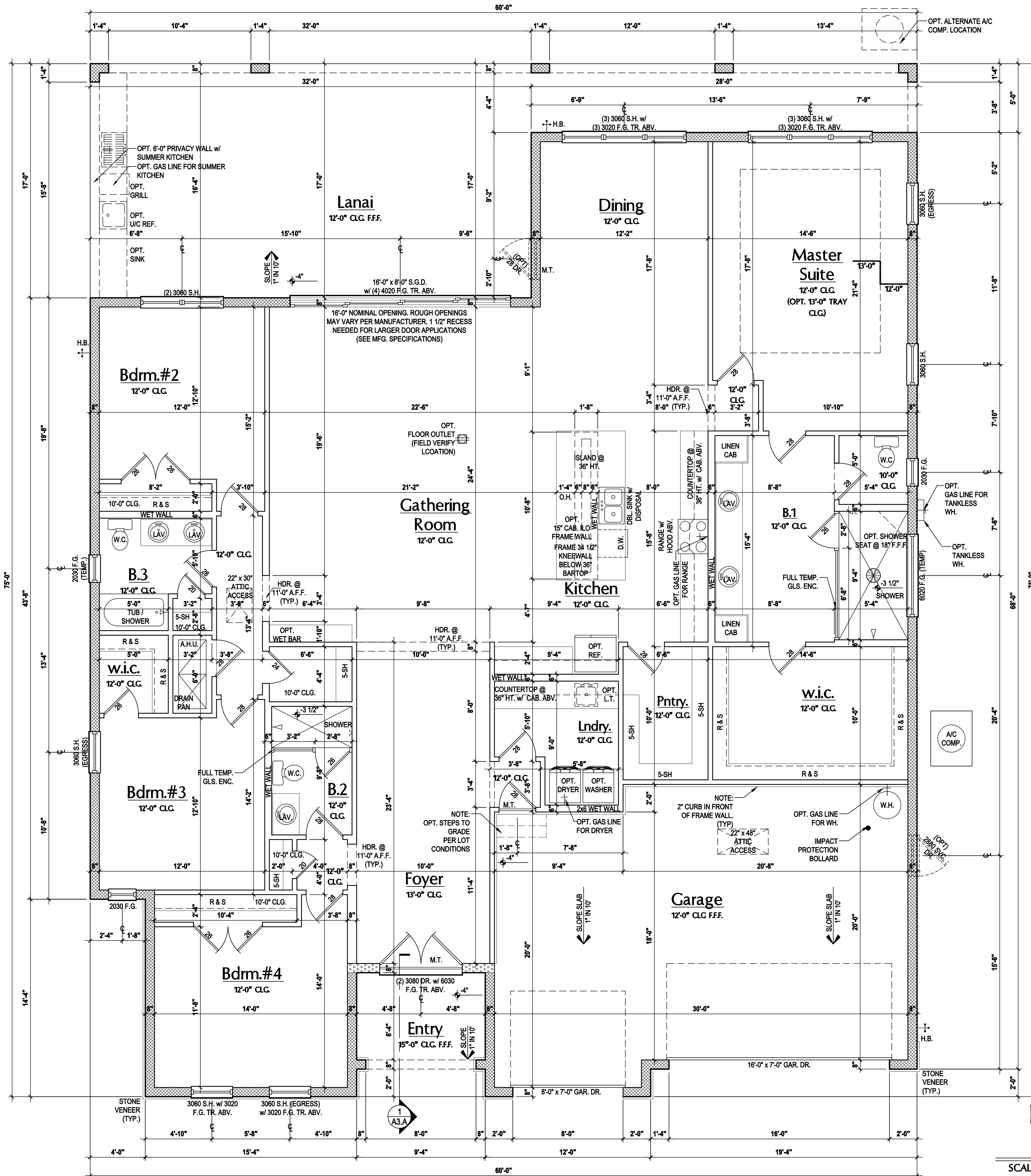
"CRISTO"
60-2992
Lot # - Subdivision
Street Address
City, State, Zip

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



ISSUE DATE	03/03/2023
REVISIONS	
PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	C.C.
DESIGNED BY:	MJS

FLOOR PLAN
A2.B



- ### 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
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 - TYP. - TYPICAL
- NOTE:**
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 - VENT DRYER THRU EXTERIOR WALL U.O.
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 - SAG RESISTANT DRYWALL ON ALL CEILINGS.
 - PULL ALL DIMENSIONS FROM THE REAR OF PLAN.
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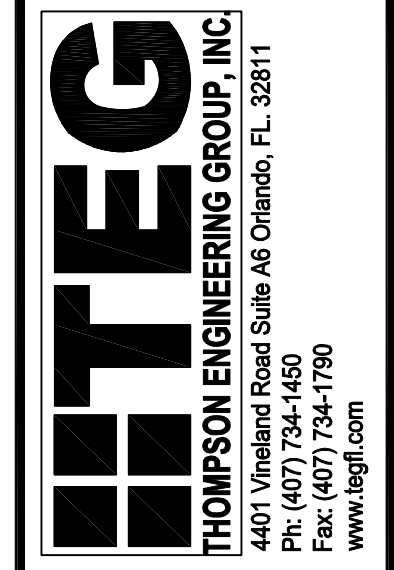
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Floor Plan "B"

(Opt. Ext. Lanai)

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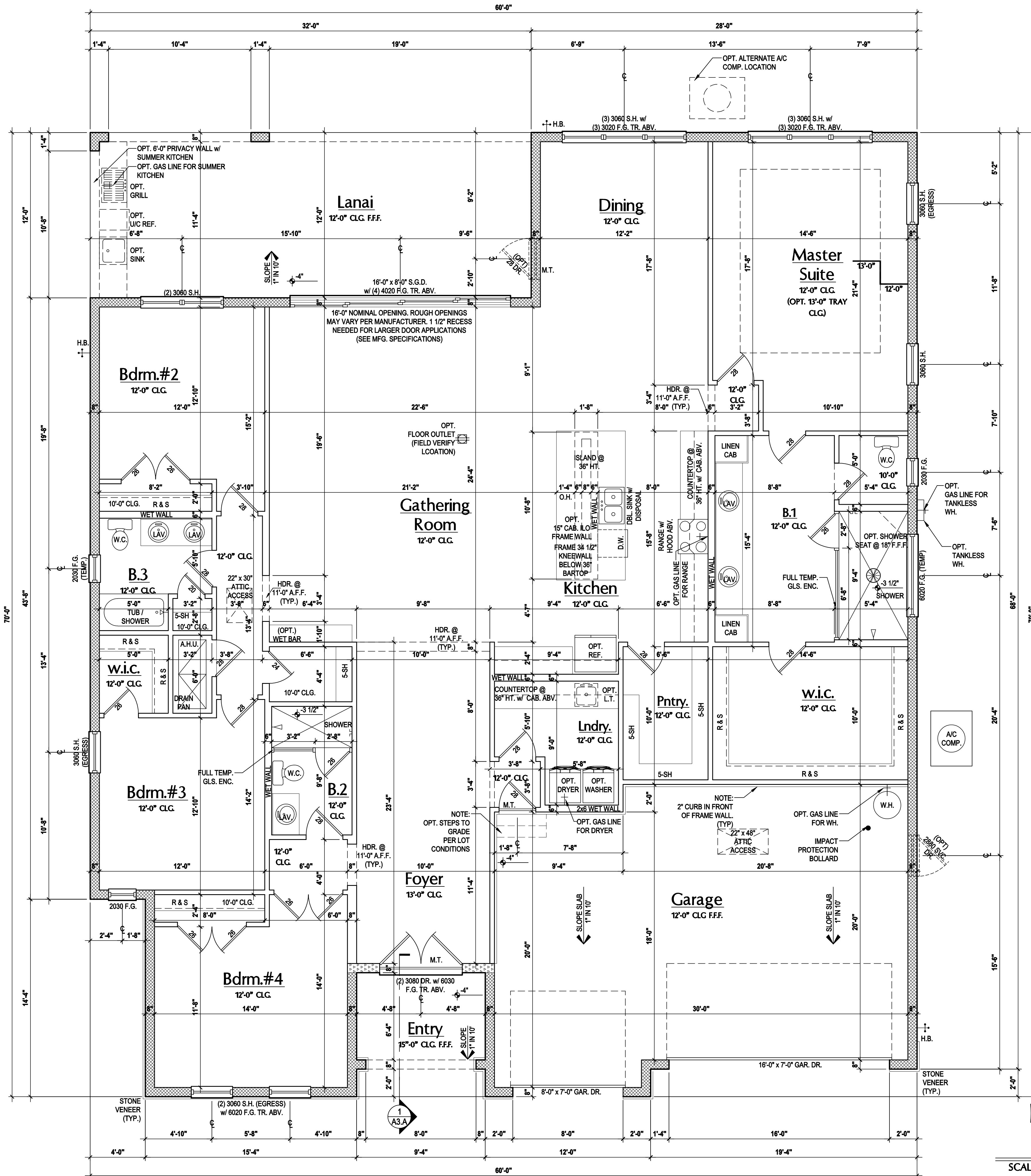
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DRAWN BY:	C.C.
DESIGNED BY:	MJS

FLOOR PLAN
A2.B1



BRG. HT. LEGEND

- 12'-0" BRG. HT.
- 12'-8" BRG. HT.
- FRAME WALL PER PLAN

GENERAL NOTES KEY:

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Floor Plan "B"
(Opt. Office)

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THOMPSON ENGINEERING GROUP, INC.
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MJS
designers group
residential-commercial-architecture

AI BD
GOBA
GREATER ORLANDO BUILDERS ASSOCIATION

"CRISTO"
60-2992
Lot # - Subdivision
Street Address
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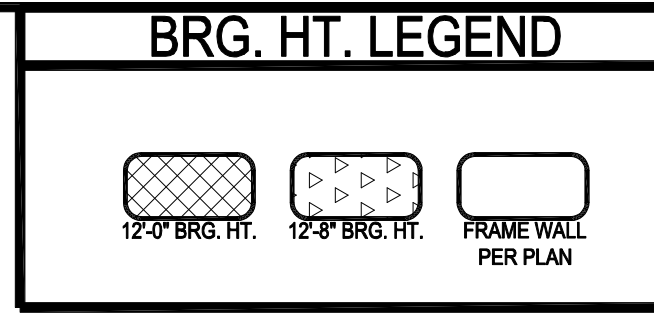
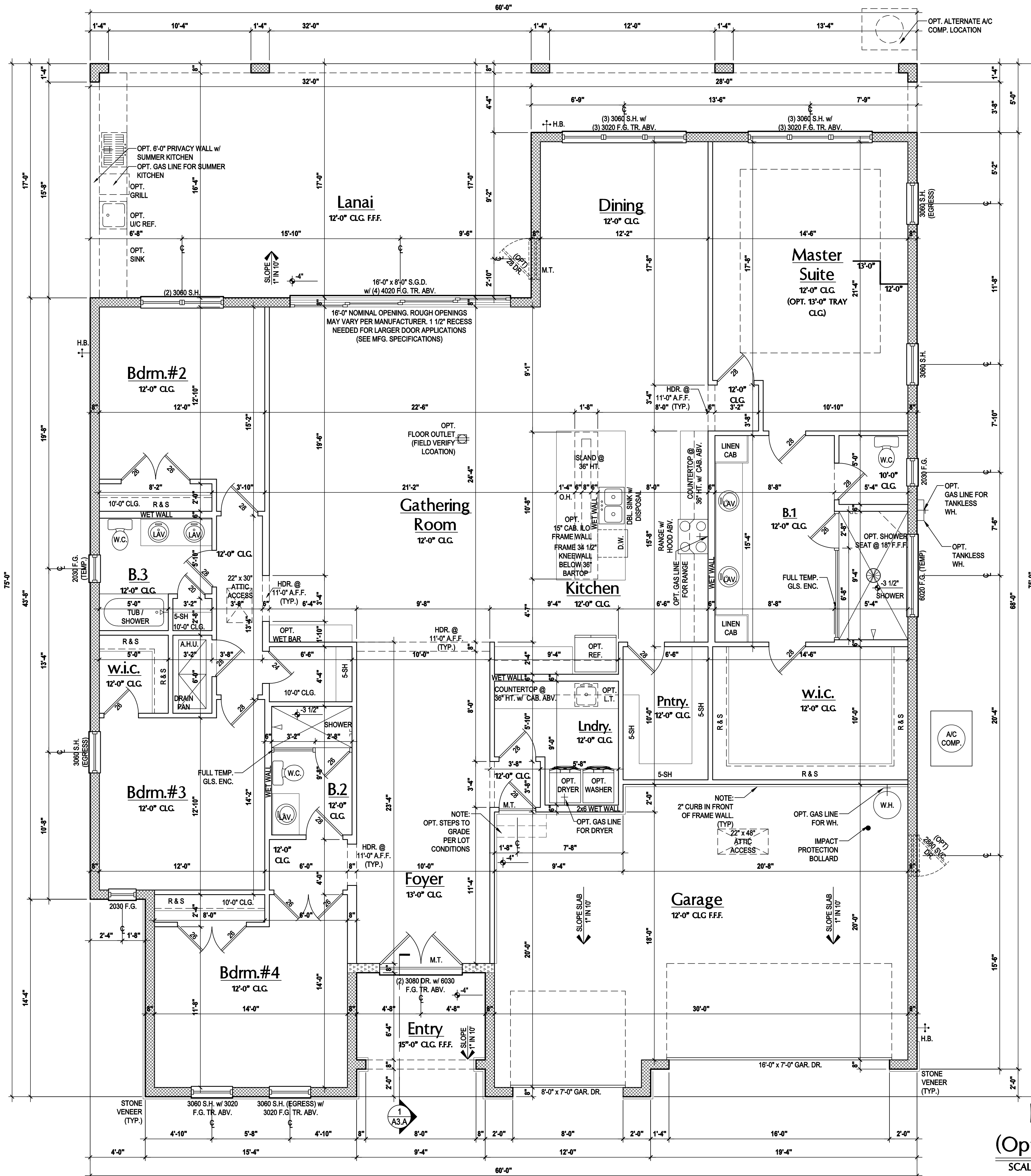
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Park Square HOMES

ISSUE DATE	03/03/2023
REVISIONS	
PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	C.C.
DESIGNED BY:	MJS

FLOOR PLAN
A2.B2

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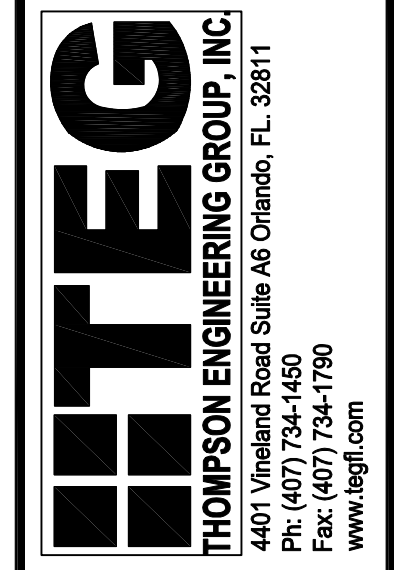
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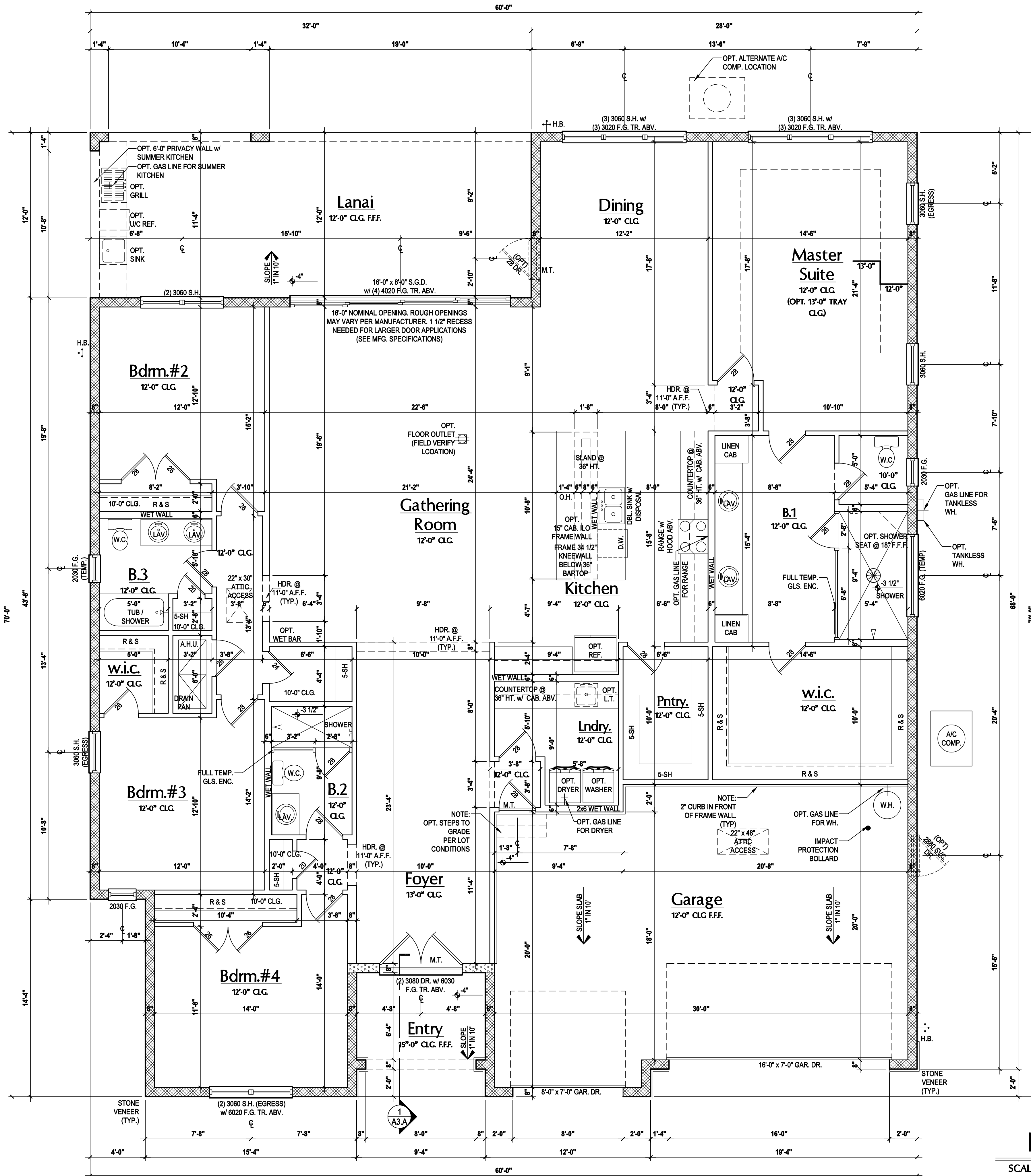
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DESIGNED BY:	MJS

FLOOR PLAN
A2.B3



BRG. HT. LEGEND

- 12'-0" BRG. HT.
- 12'-8" BRG. HT.
- FRAME WALL PER PLAN

GENERAL NOTES KEY:

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Living:	1st floor:	2,992 sf
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Lanai:		384 sf
Garage:		644 sf
Total Area:		4,104 sf

ITEG

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MJS

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GOBA
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"CRISTO"
 60-2992
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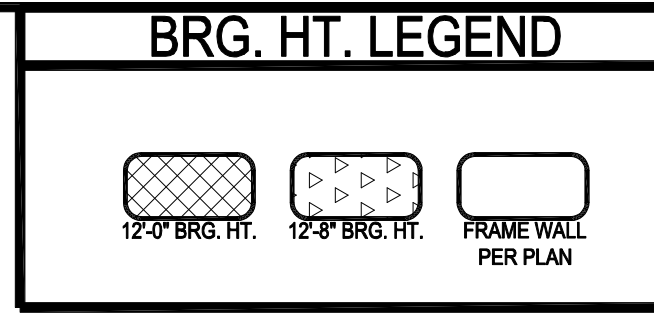
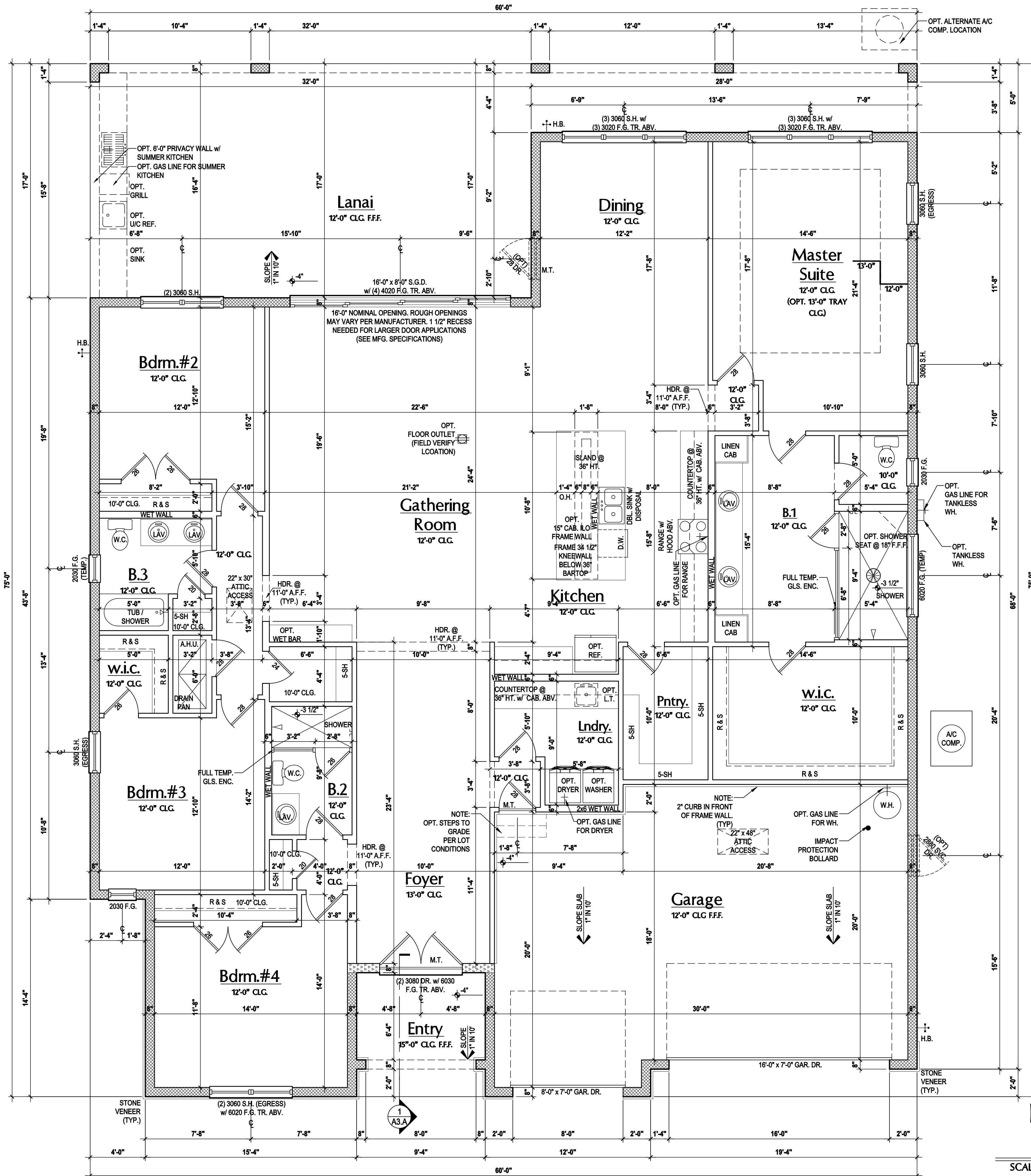
Park Square HOMES

ISSUE DATE	03/03/2023
REVISIONS	
PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	C. C.
DESIGNED BY:	MJS

FLOOR PLAN
A2.C

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

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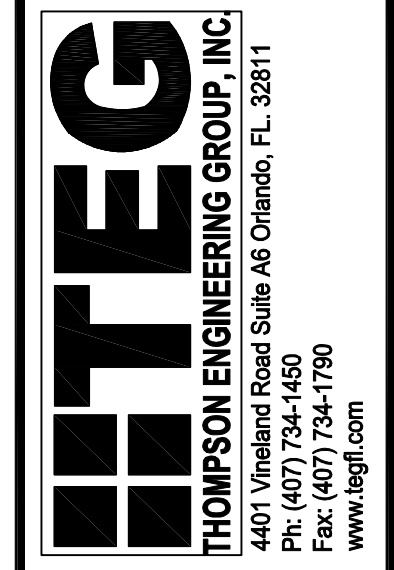
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Floor Plan "C"

(Opt. Ext. Lanai)

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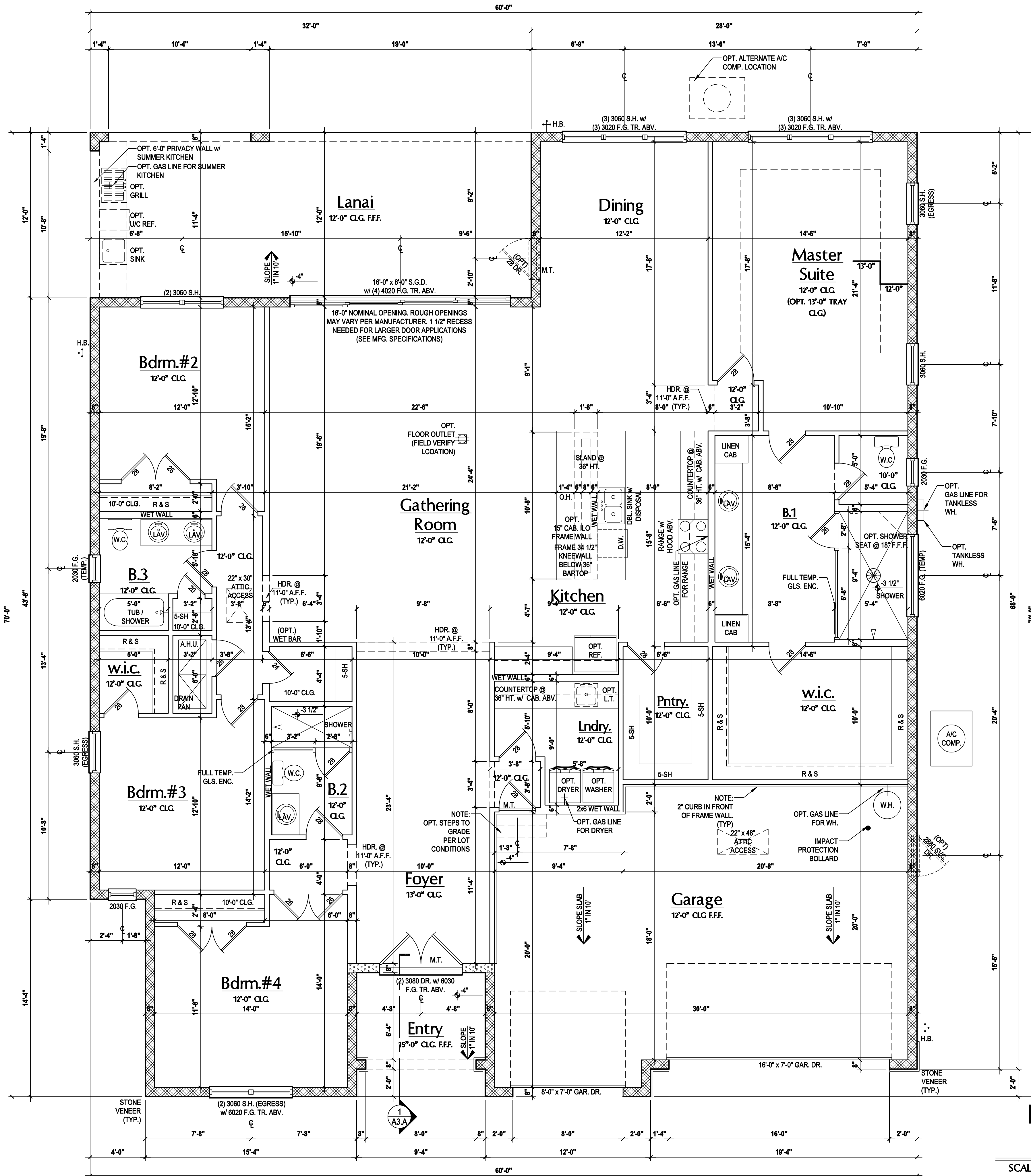
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ISSUE DATE	03/03/2023
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FLOOR PLAN
A2.C1

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BRG. HT. LEGEND

- 12'-0" BRG. HT.
- 12'-8" BRG. HT.
- FRAME WALL PER PLAN

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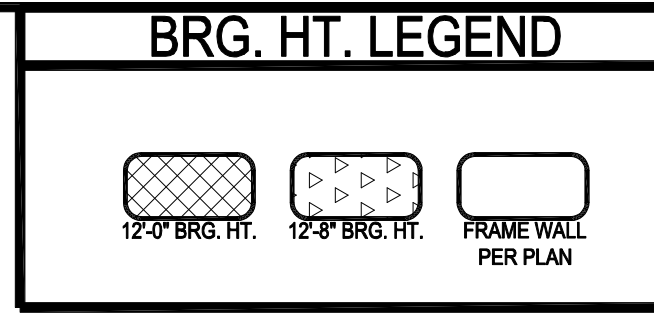
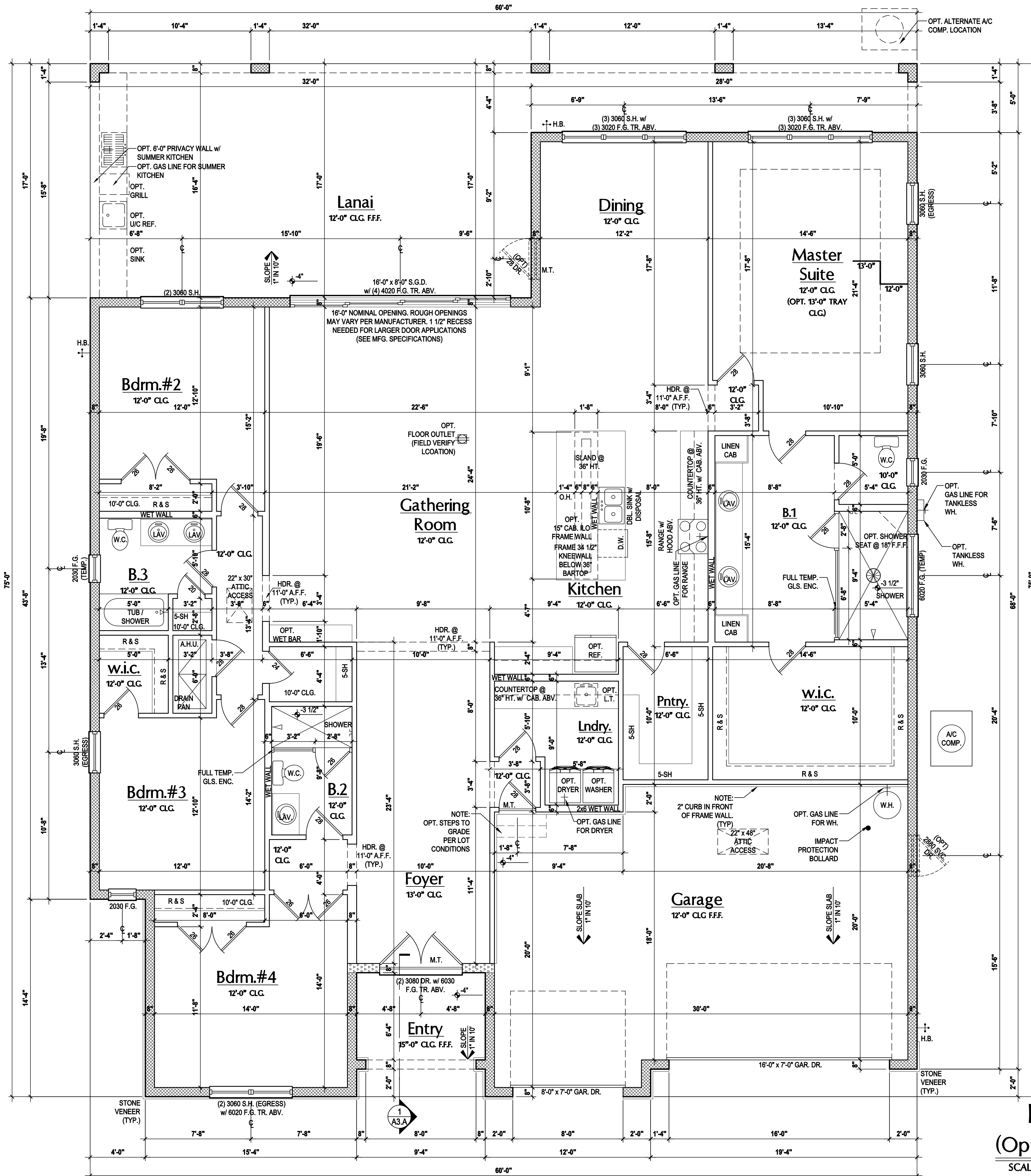
"CRISTO"
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Park Square HOMES

ISSUE DATE	03/03/2023
REVISIONS	
PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	C.C.
DESIGNED BY:	MJS

FLOOR PLAN
A2.C2



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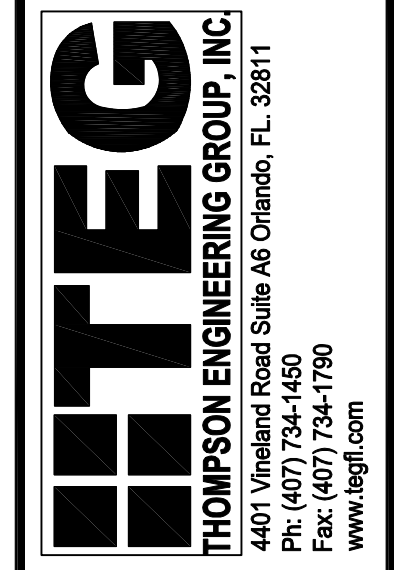
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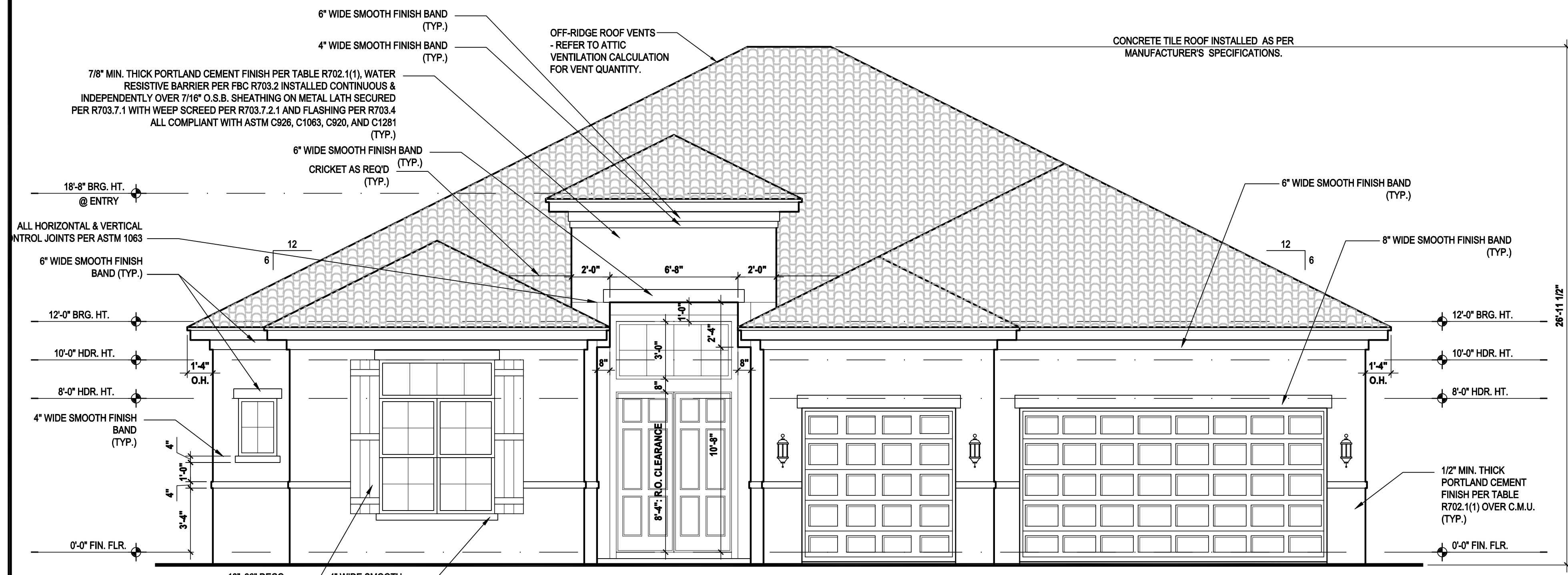
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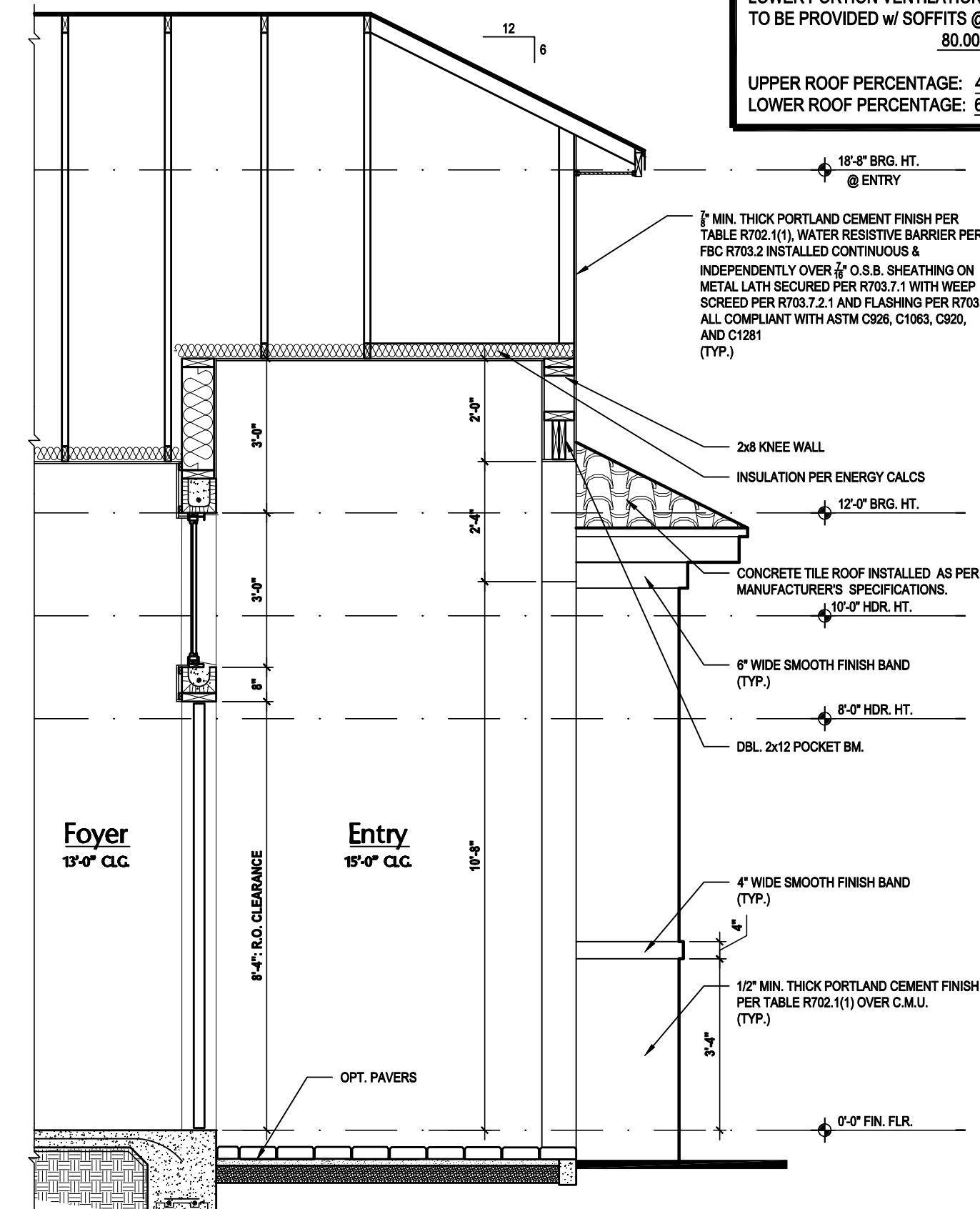
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FLOOR PLAN
A2.C3

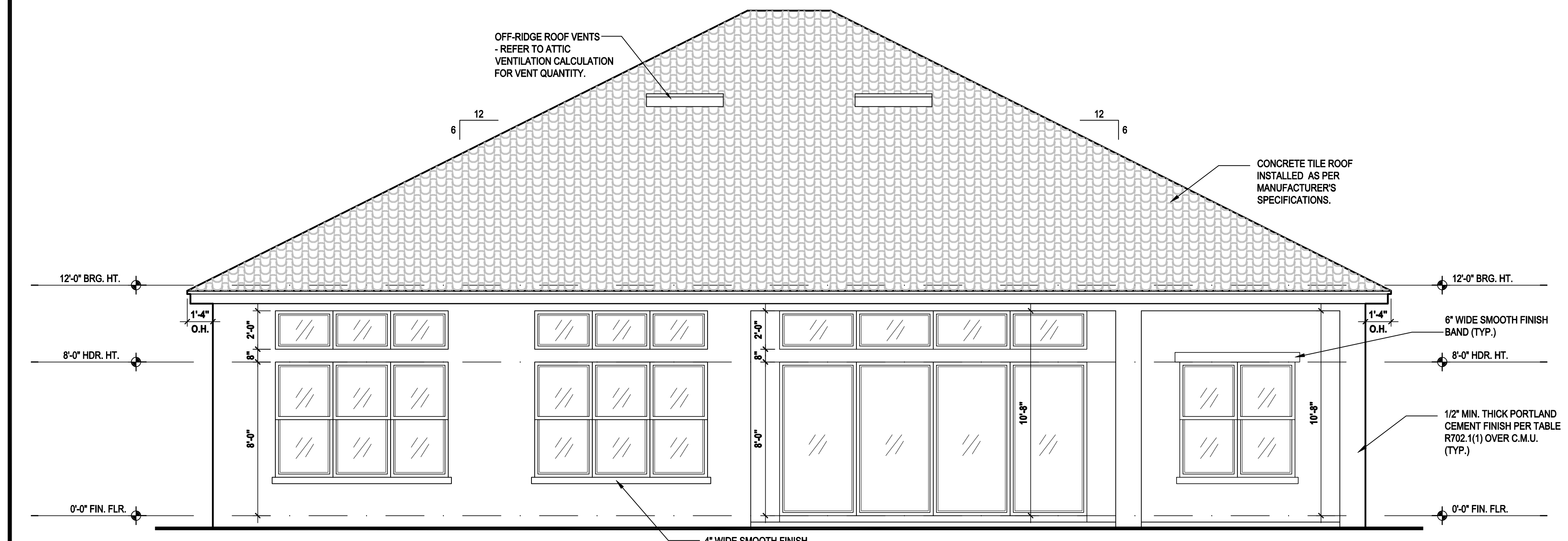


Front Elevation "A"
(Standard)

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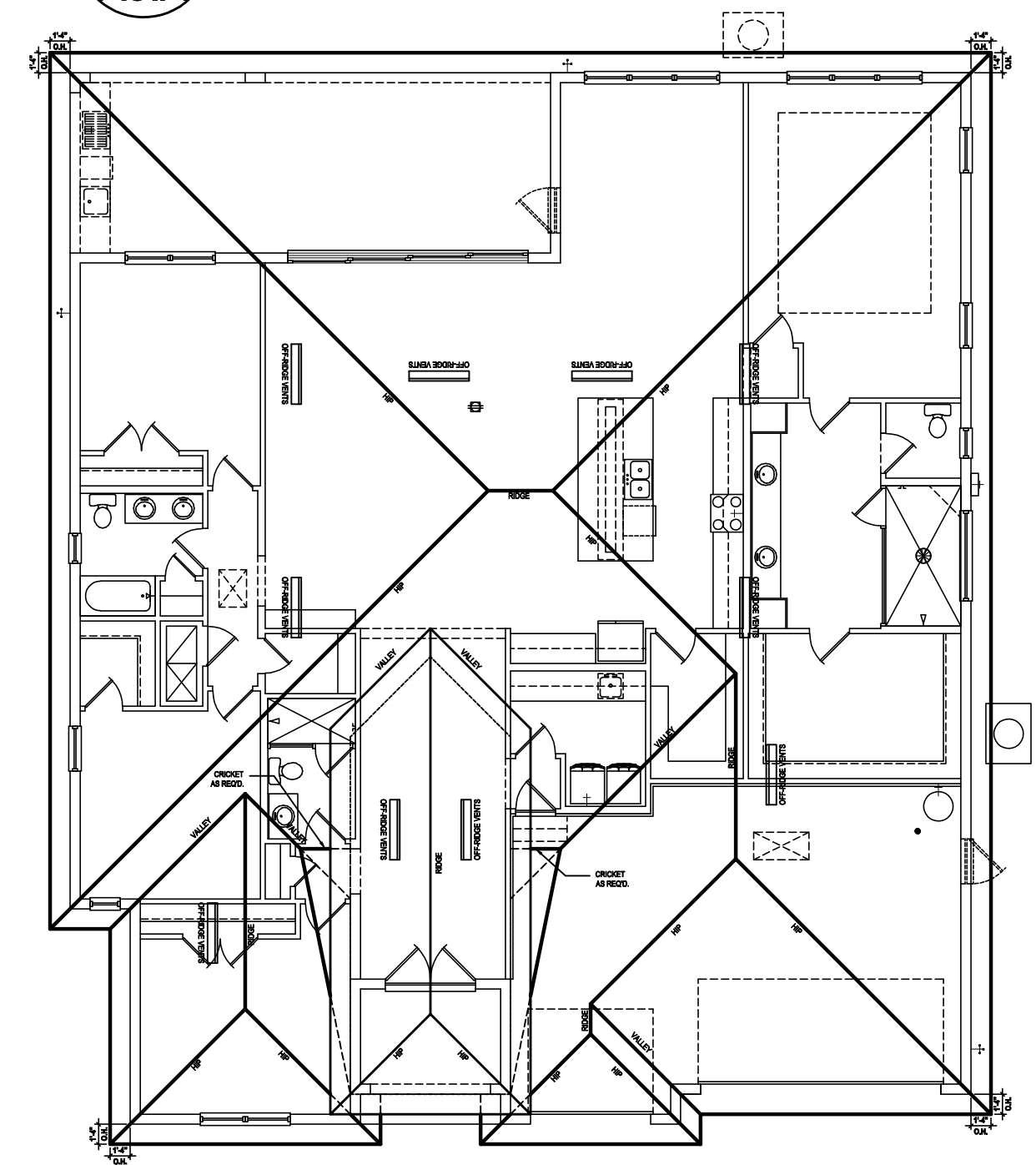


1 Entry Section
A3.A SCALE 3/8" = 1'-0"



Rear Elevation "A"
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Roof Layout
SCALE: 1/16" = 1'-0" (11x17) 1/8" = 1'-0" (22x34)

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 1/60 OF VENTED SPACE.

TOTAL VENTED SPACE: 4,444 = 14.81 SF. NET FREE 300 REQUIRED

UPPER PORTION VENTILATION TOTAL: 5,925 SF. TO BE PROVIDED w/ OFF RIDGE VENTS: 10 VENTS @ .652 /PER VENT
(TILE: O'HAGIN MODEL "S", SHINGLE: LOMANCO 770-D).

LOWER PORTION VENTILATION TOTAL: 8,888 SF. TO BE PROVIDED w/ SOFFITS @ EAVE: 80.00 LF. @ 0.111 SF. VENTING/LF.

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

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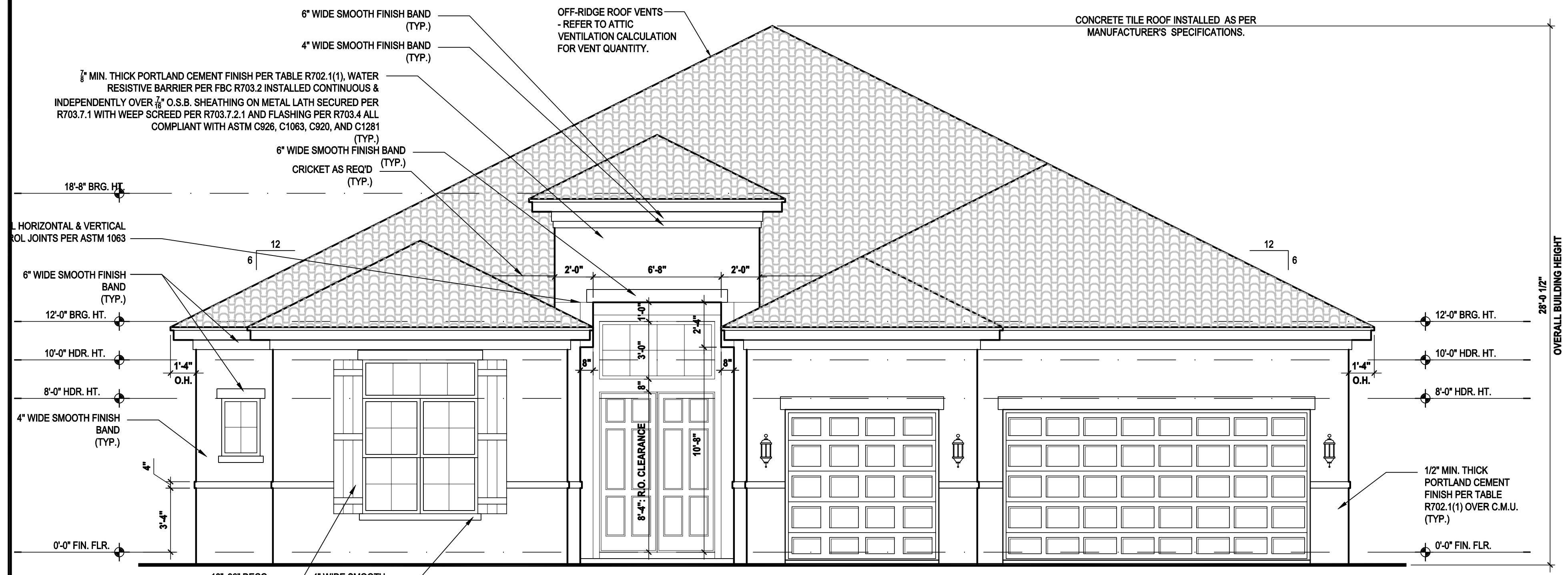
ISSUE DATE: 03/03/2023

REVISIONS

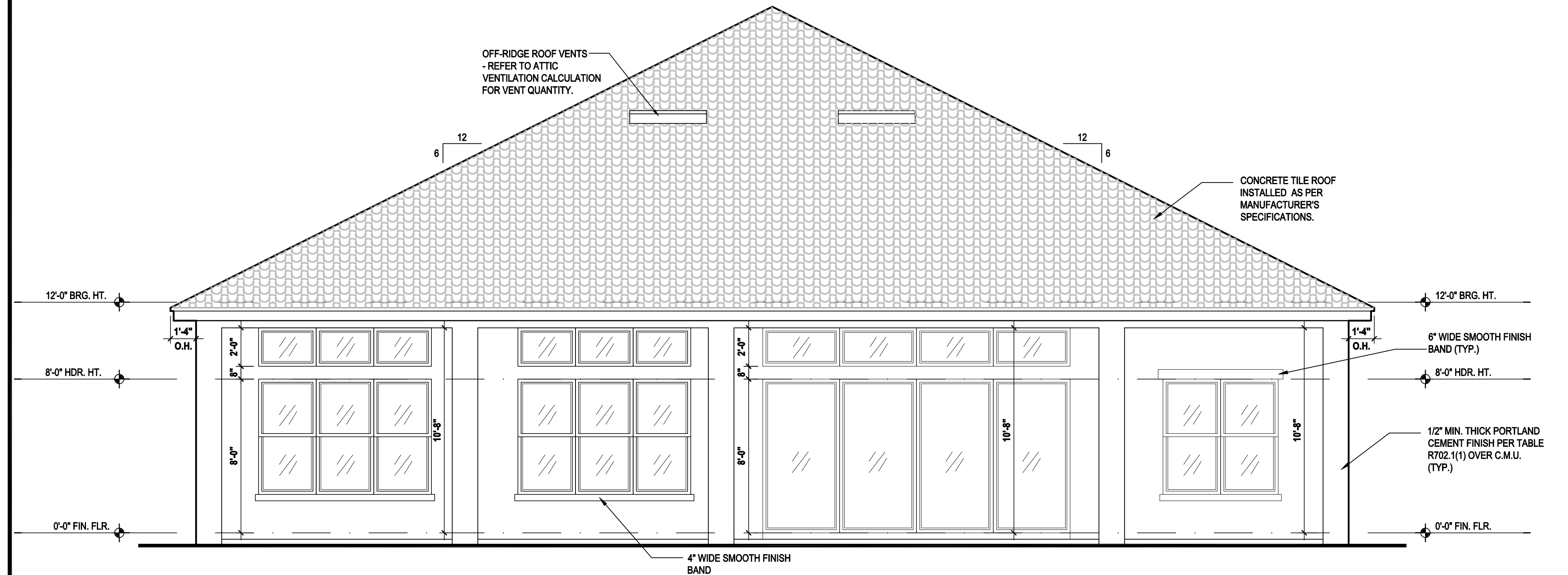
PROJECT: 00-0000
SCALE: AS NOTED
DRAWN BY: C.C.
DESIGNED BY: MJS

ELEVATIONS "A"
A3.A

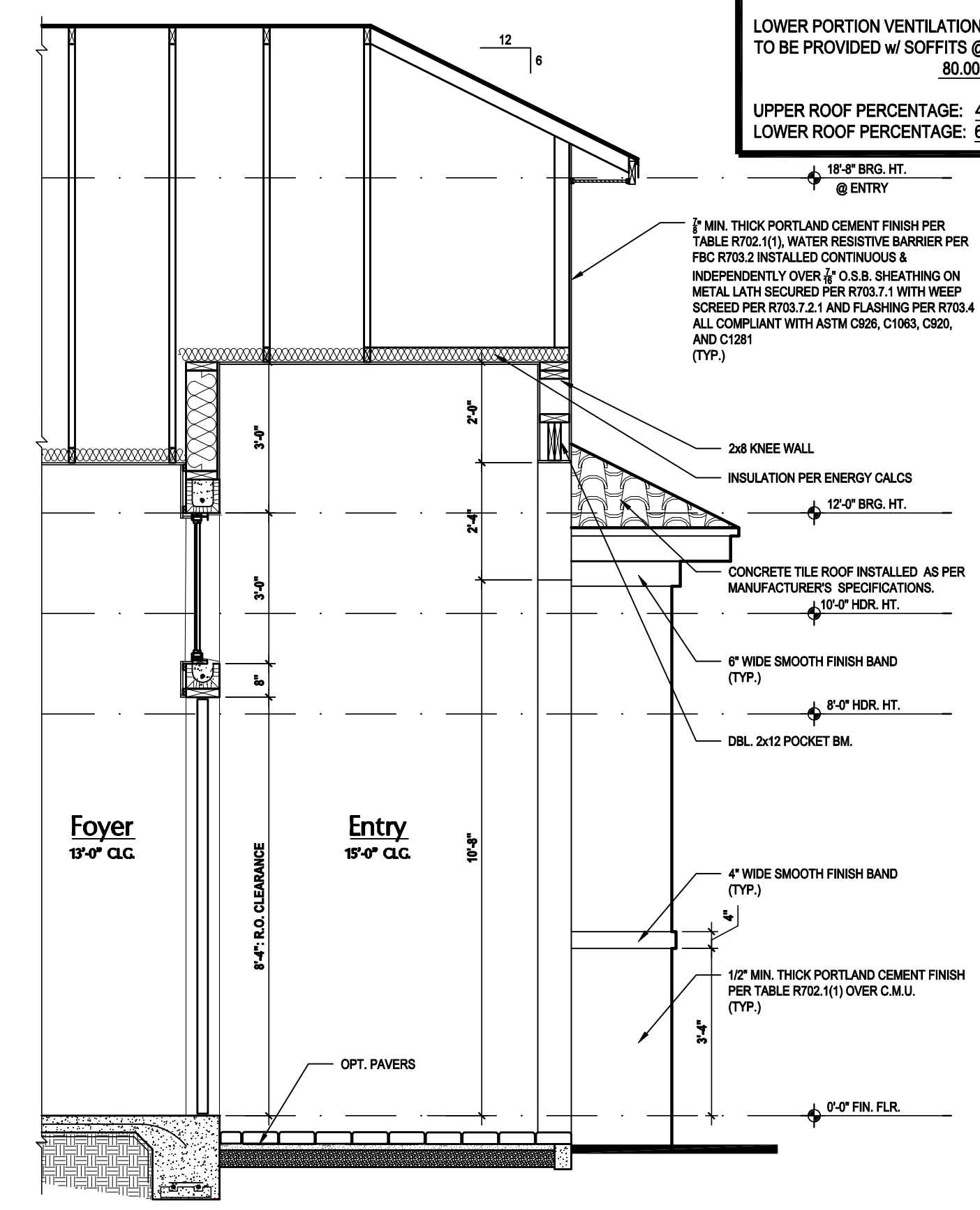
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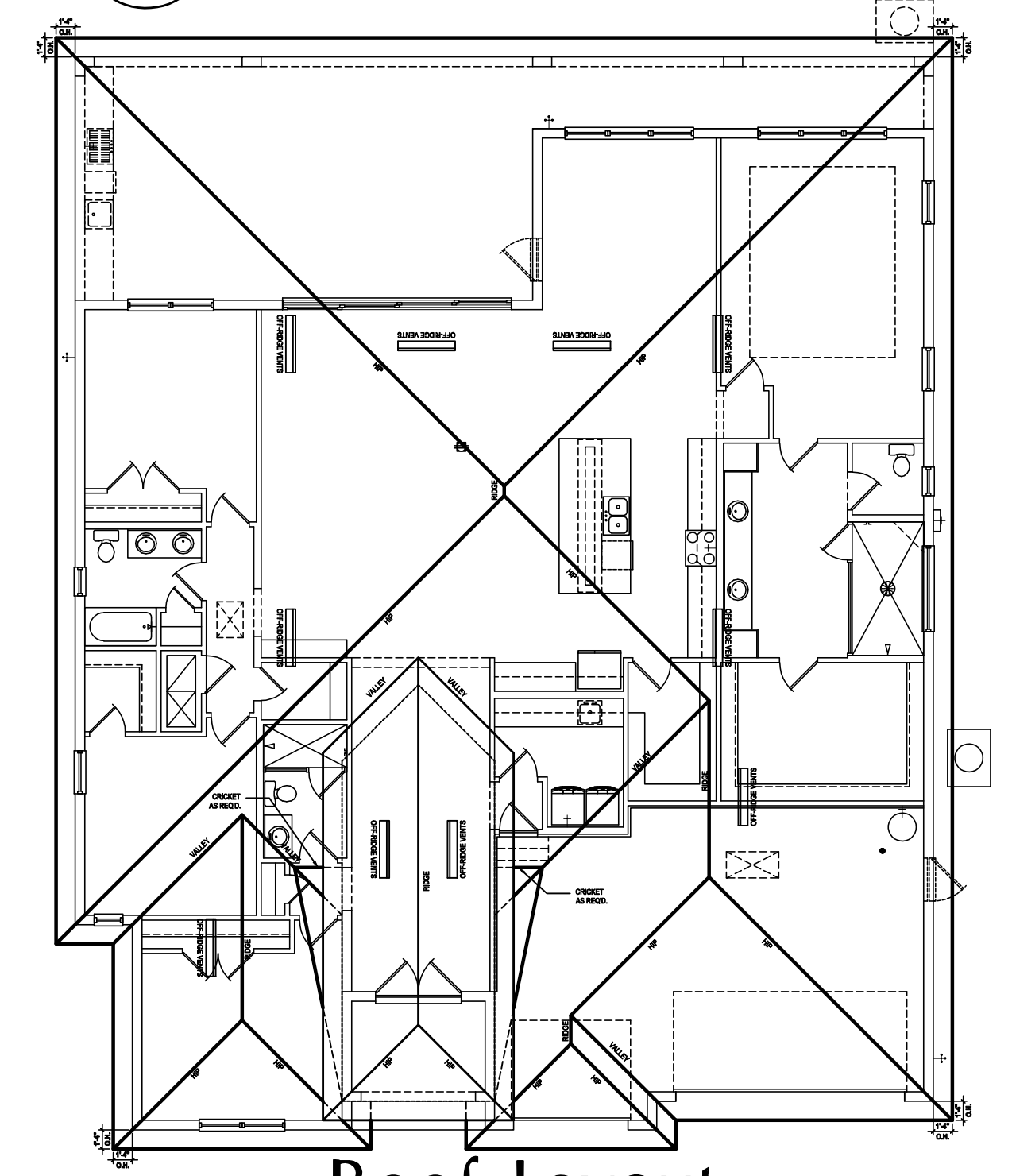
Front Elevation "A"
 (Opt. Ext. Lanai)
 SCALE: 1/8" = 1'-0" (11x17) 1/4" = 1'-0" (22x34)



Rear Elevation "A"
 (Opt. Ext. Lanai)
 SCALE: 1/8" = 1'-0" (11x17) 1/4" = 1'-0" (22x34)



1 Entry Section
 A3.A1 SCALE: 3/8" = 1'-0"



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

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 1/60 OF VENTED SPACE.

TOTAL VENTED SPACE: 4,758 = 15.86 SF. NET FREE 300 REQUIRED

UPPER PORTION VENTILATION TOTAL: 6,344 SF. TO BE PROVIDED w/ OFF RIDGE VENTS: 10 VENTS @ .652 /PER VENT

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

LOWER PORTION VENTILATION TOTAL: 9,516 SF. TO BE PROVIDED w/ SOFFITS @ EAVE: 80.00 LF. @ 0.118 SF. VENTING/LF.

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

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ISSUE DATE: 03/03/2023

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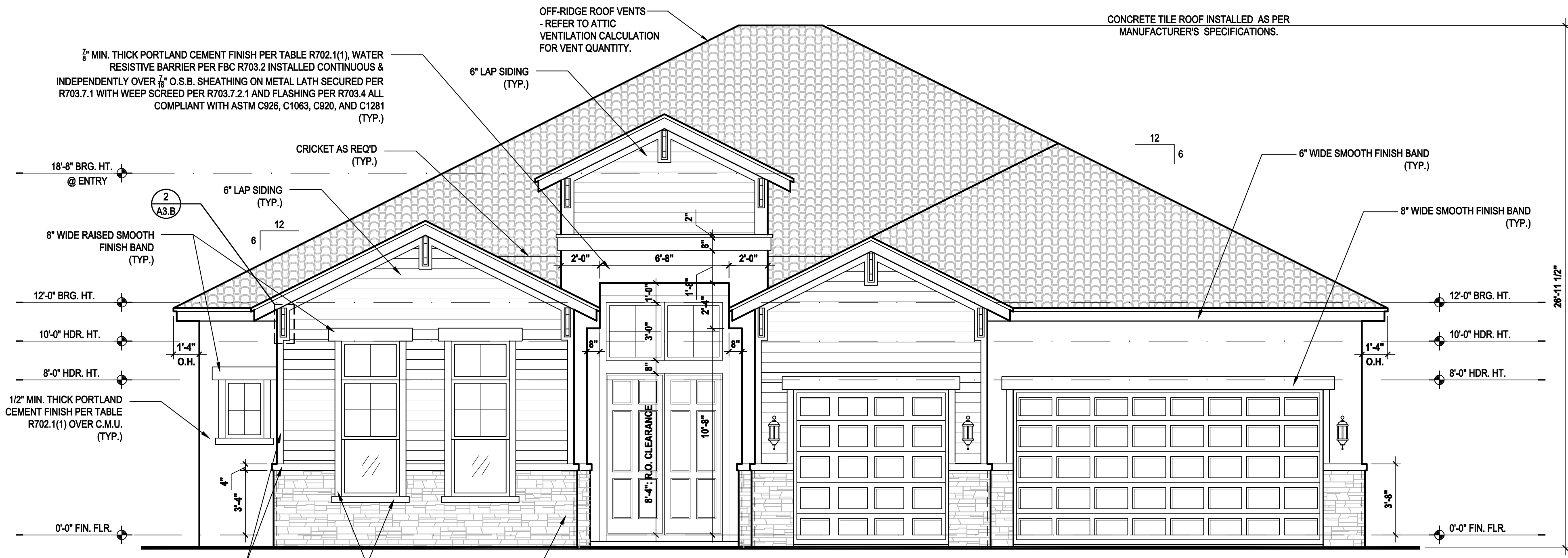
PROJECT: 00-0000
 SCALE: AS NOTED
 DRAWN BY: C.C.
 DESIGNED BY: MJS

ELEVATIONS "A"
A3.A1

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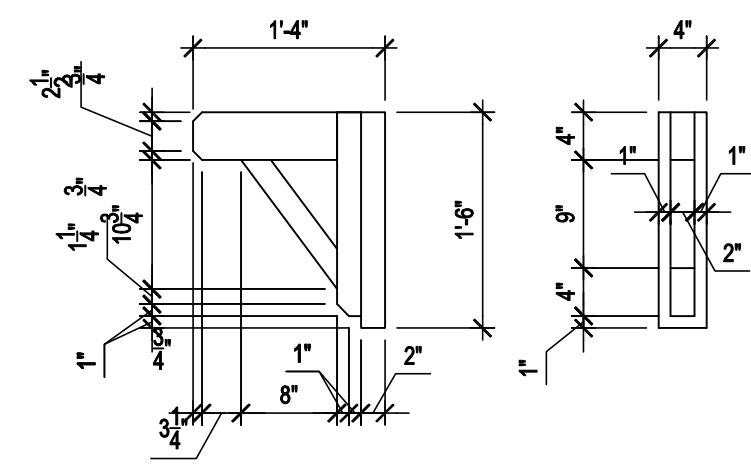
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 (OFF-RIDGE VENT MAXIMUM OPENING SIZES)
 MINIMUM NET VENTILATION AREA SHALL BE 1/80 OF VENTED
 SPACE.
 TOTAL VENTED SPACE: $\frac{4,444}{300} = 14.81$ SF. NET FREE
 REQUIRED
 UPPER PORTION VENTILATION TOTAL: 5.925 SF.
 TO BE PROVIDED w/ OFF RIDGE VENTS:
 10 VENTS @ .652 /PER VENT
 (TILE: O'HAGIN MODEL "S", SHINGLE: LOMANCO 770-D).
 LOWER PORTION VENTILATION TOTAL: 8.888 SF.
 TO BE PROVIDED w/ SOFFITS @ EAVE:
 80.00 LF. @ 0.111 SF. VENTING/LF.
 UPPER ROOF PERCENTAGE: 40%
 LOWER ROOF PERCENTAGE: 60%

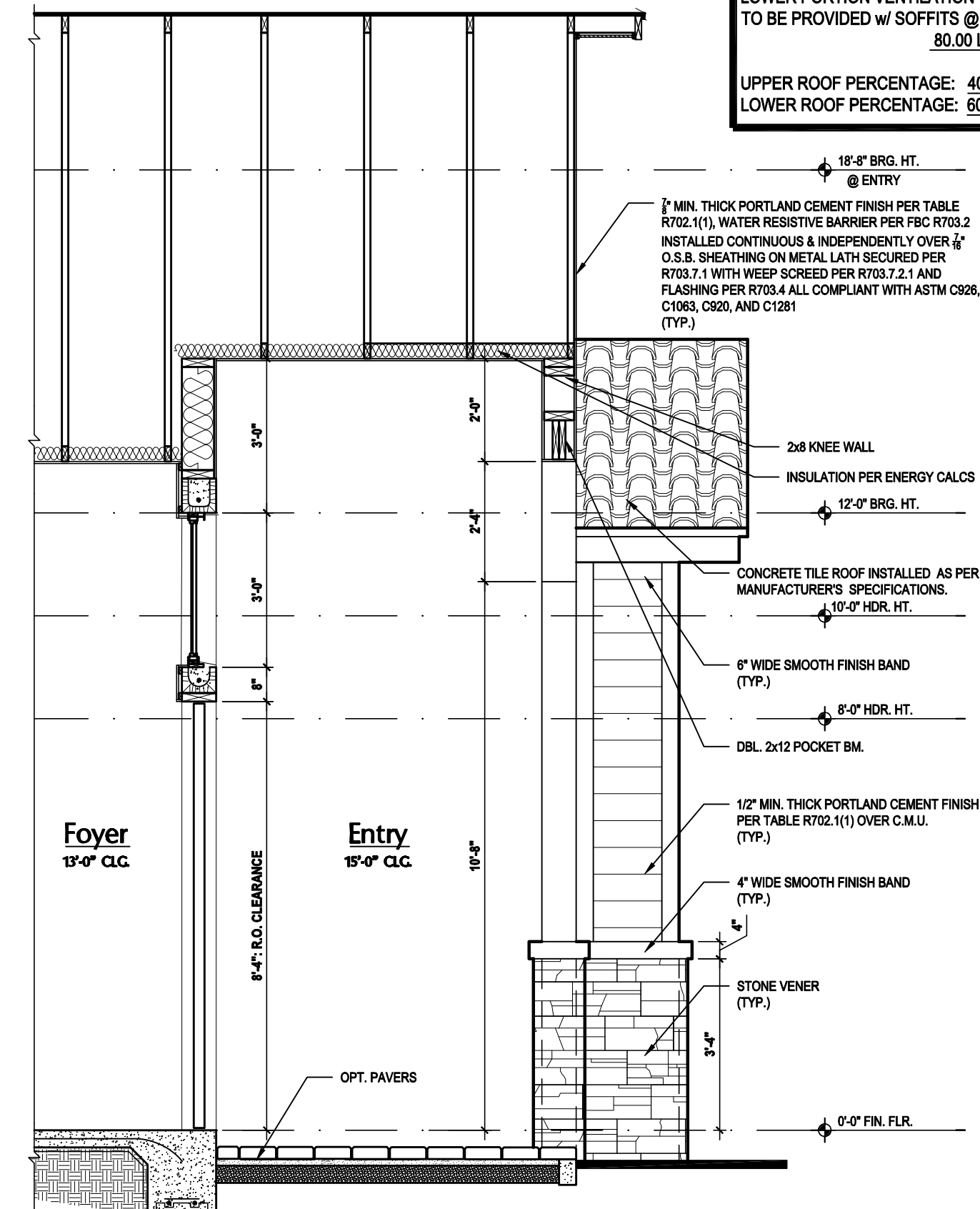


Front Elevation "B"
 (Standard)

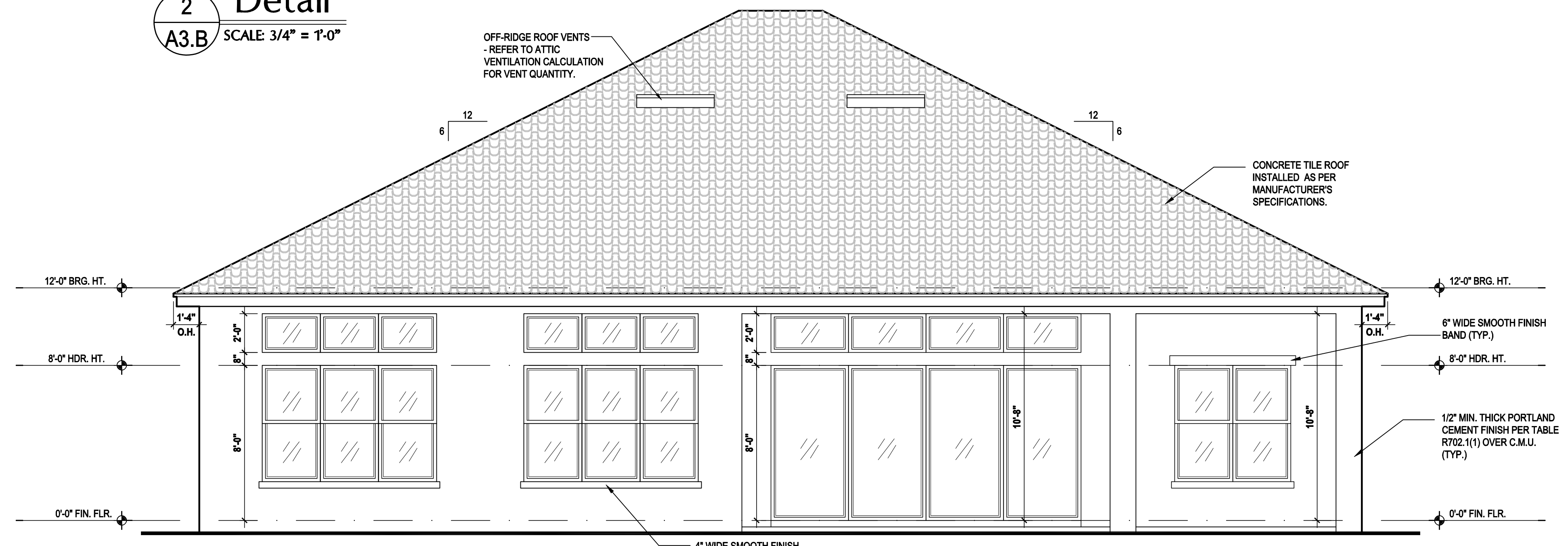
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2 Detail
 A3.B SCALE: 3/4" = 1'-0"

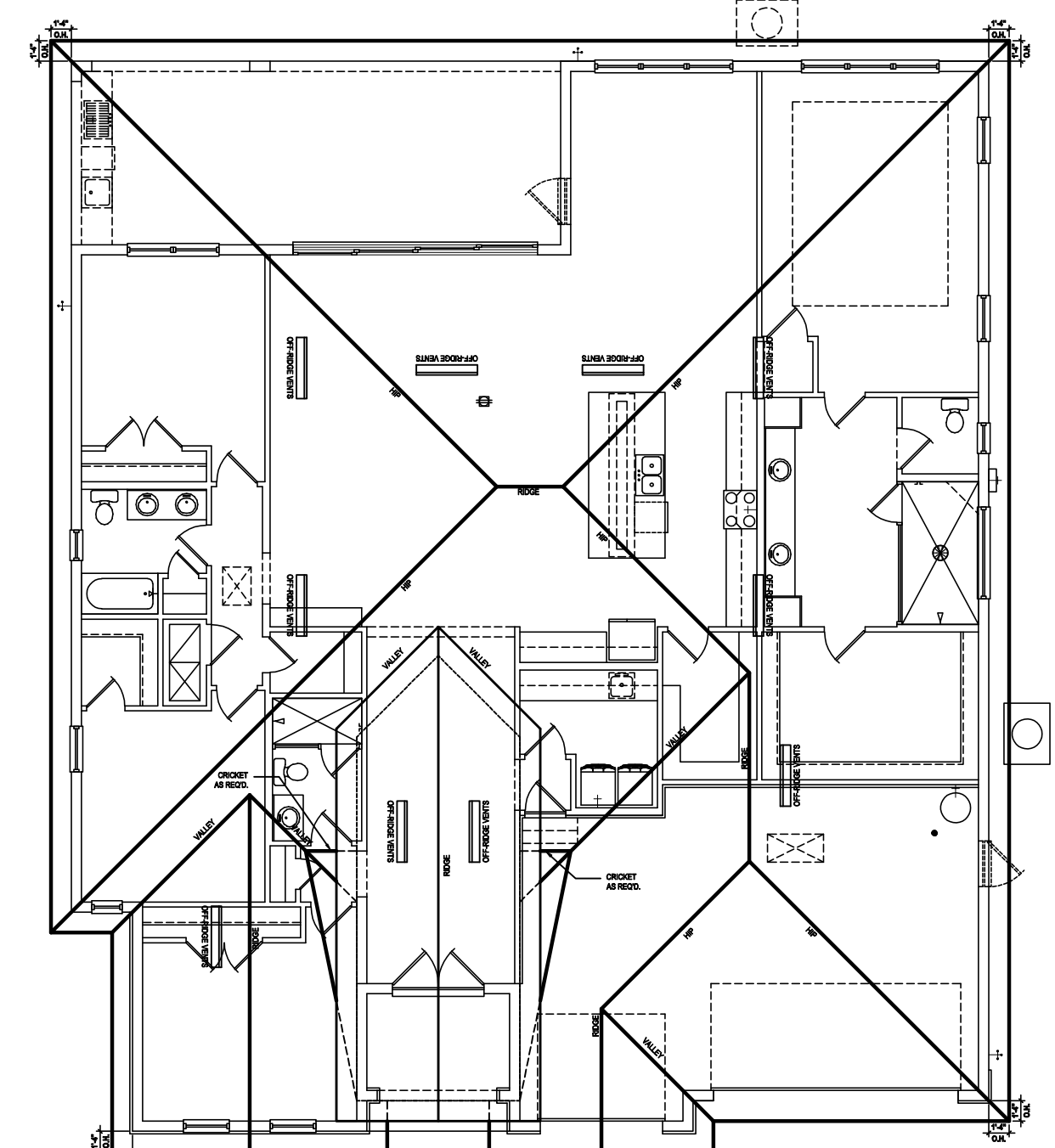


1 Entry Section
 A3.B SCALE: 3/8" = 1'-0"



Rear Elevation "B"
 (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)

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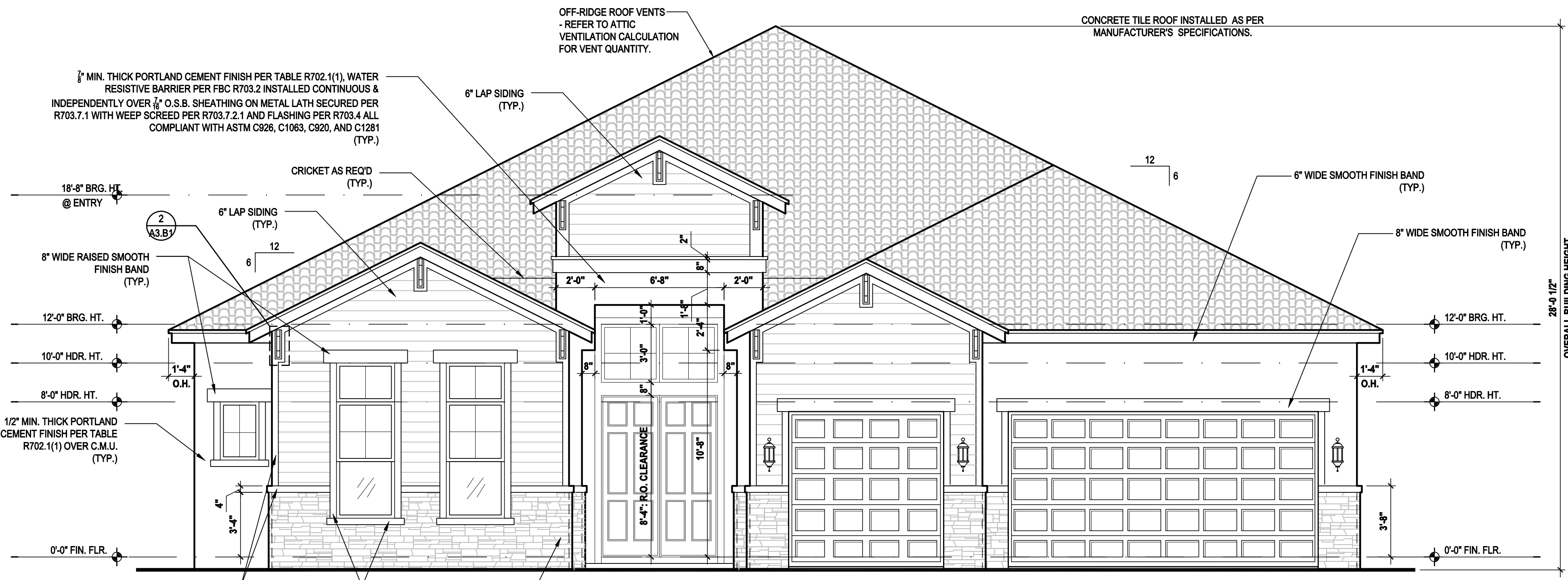
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REVISIONS	
PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	C.C.
DESIGNED BY:	MJS

ELEVATIONS "B"
A3.B

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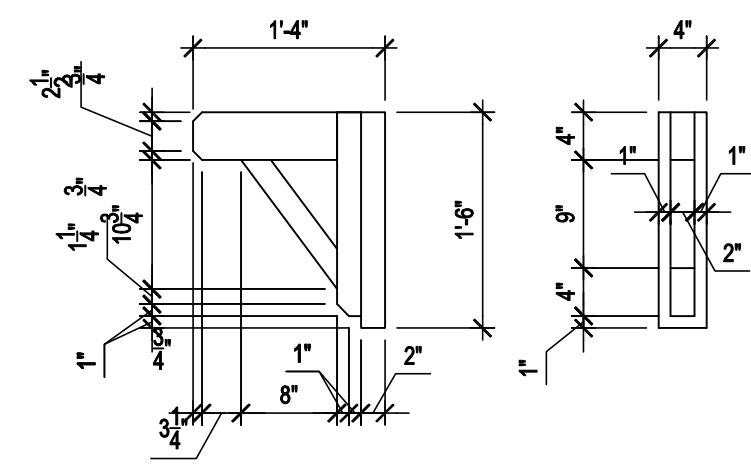
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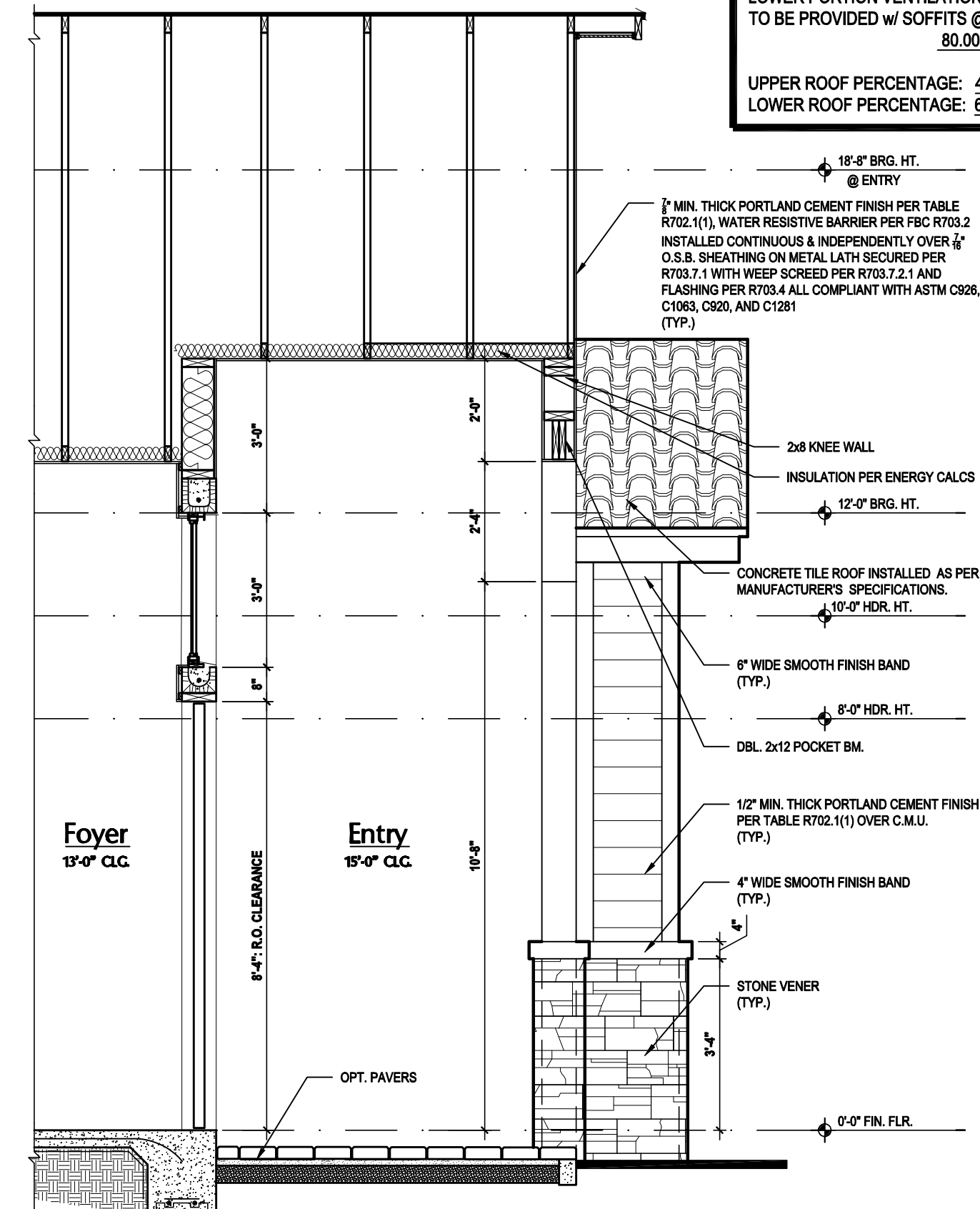


Front Elevation "B"
 (Opt. Ext. Lanai)

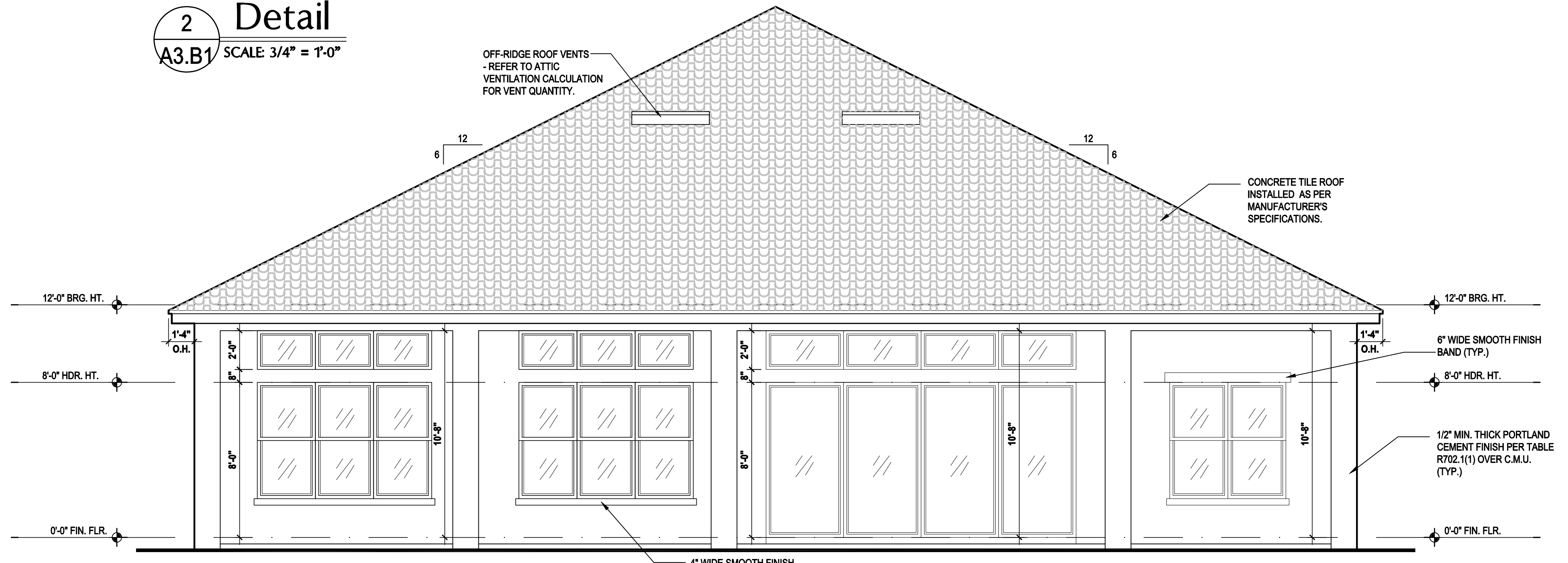
SCALE: 1/8" = 1'-0" (11x17) 1/4" = 1'-0" (22x34)



2 Detail
 A3.B1 SCALE: 3/4" = 1'-0"

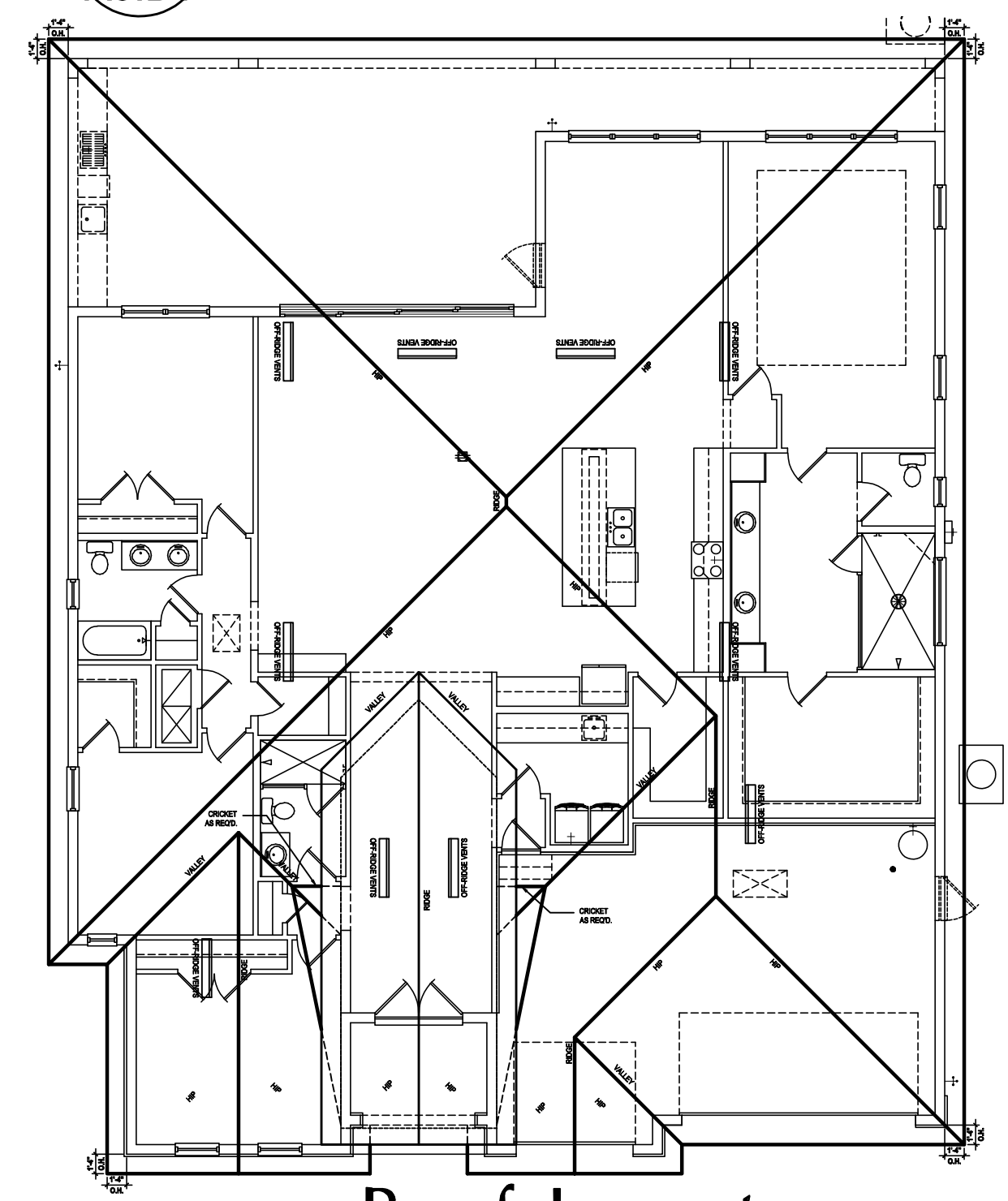


1 Entry Section
 A3.B1 SCALE: 3/8" = 1'-0"

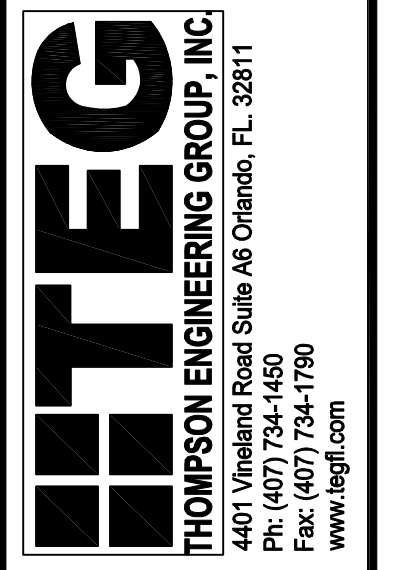


Rear Elevation "B"
 (Opt. Ext. Lanai)

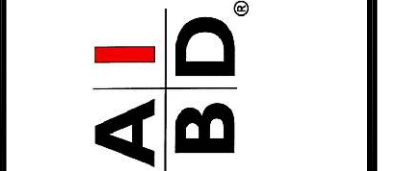
SCALE: 1/8" = 1'-0" (11x17) 1/4" = 1'-0" (22x34)



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



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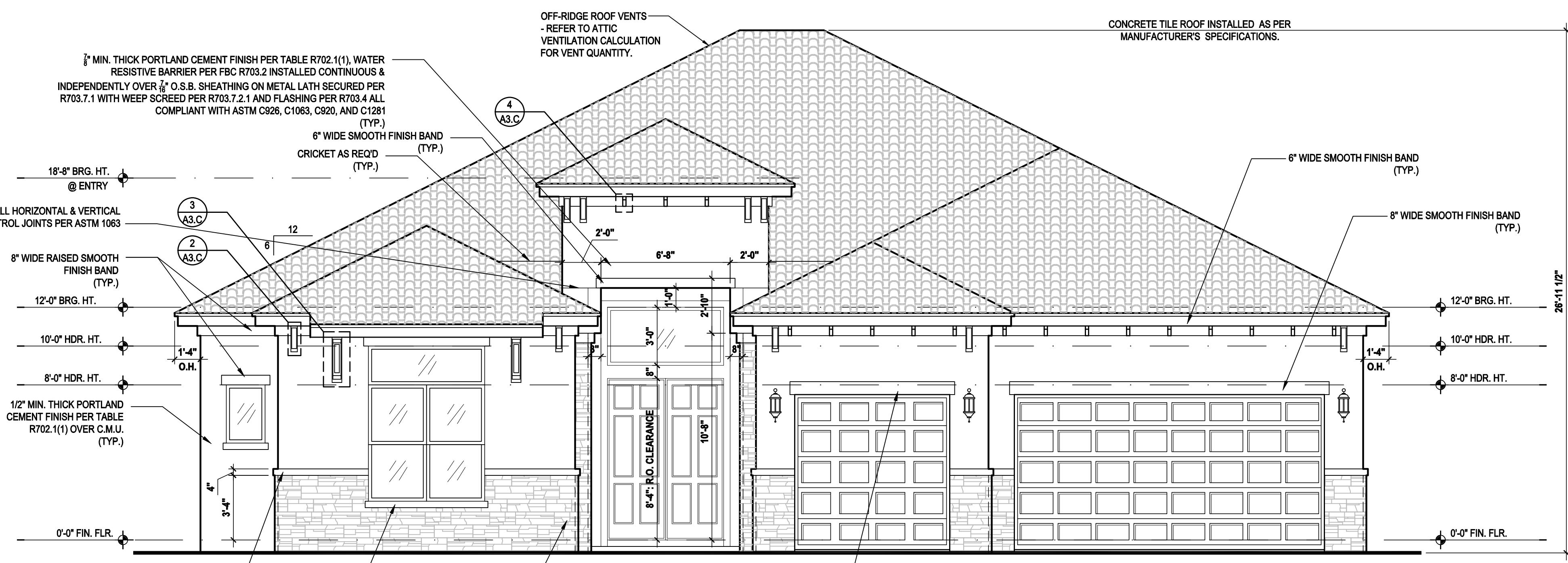
ISSUE DATE	03/03/2023
REVISIONS	
PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	C.C.
DESIGNED BY:	MJS

ELEVATIONS "B"
A3.B1

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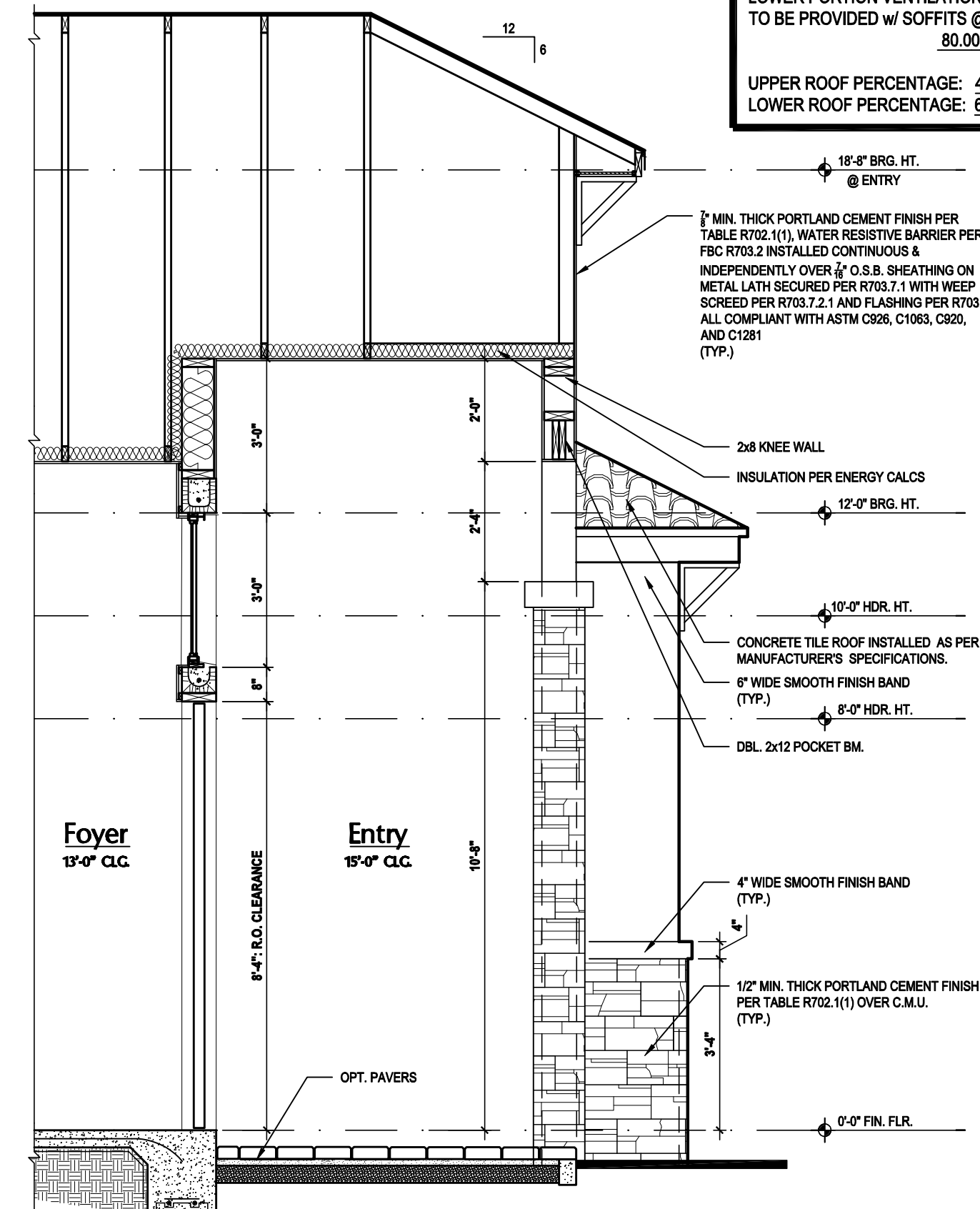
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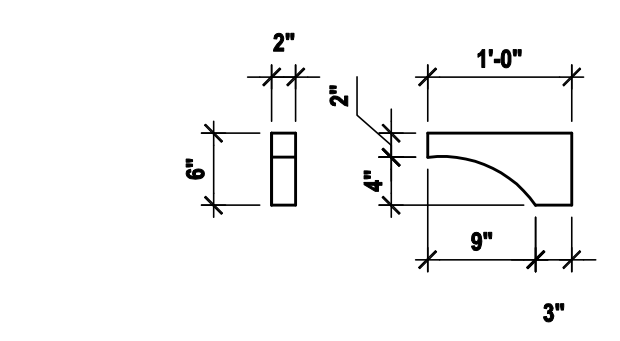
Front Elevation "C"
 (Standard)

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



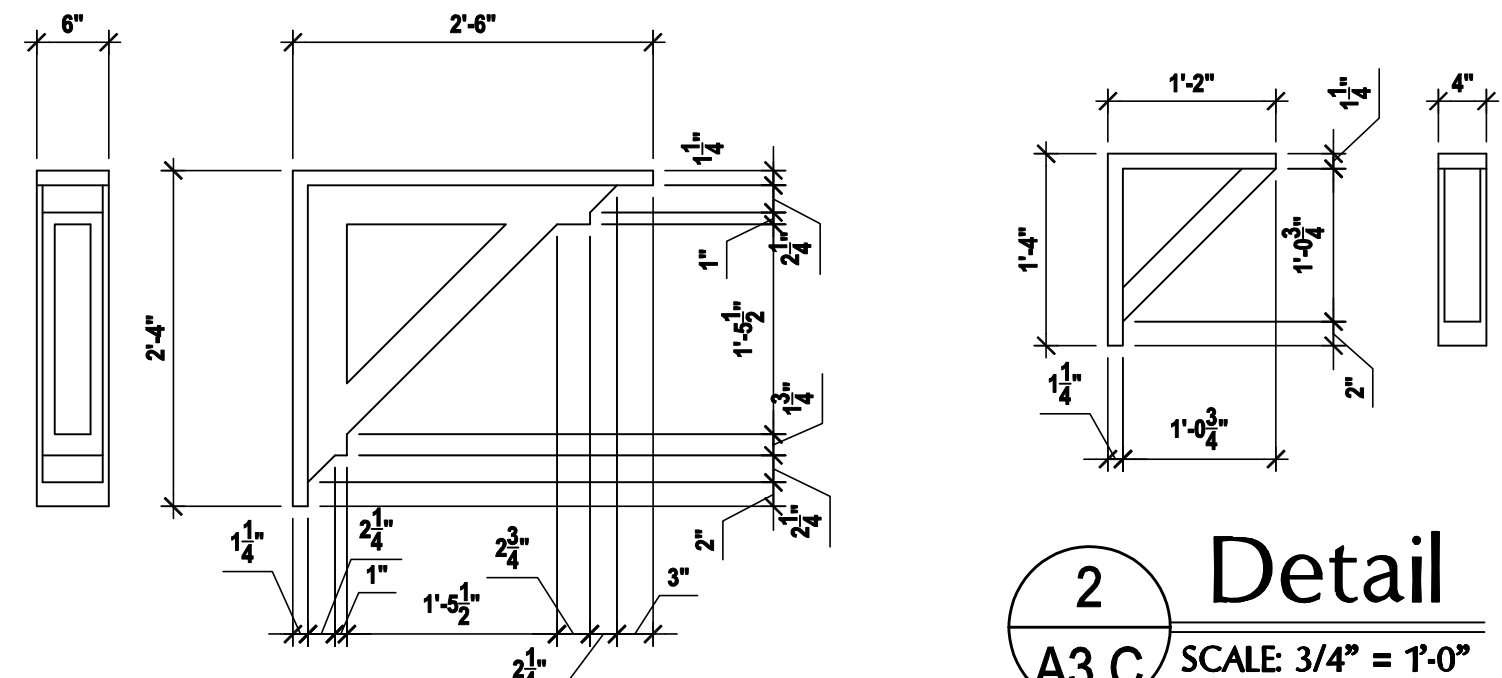
1 Entry Section
 A3.C

SCALE 3/8" = 1'-0"



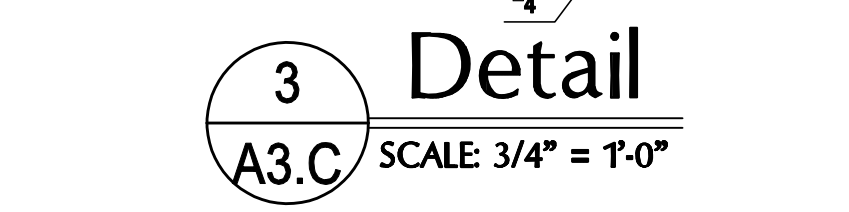
4 Detail
 A3.C

SCALE 3/4" = 1'-0"



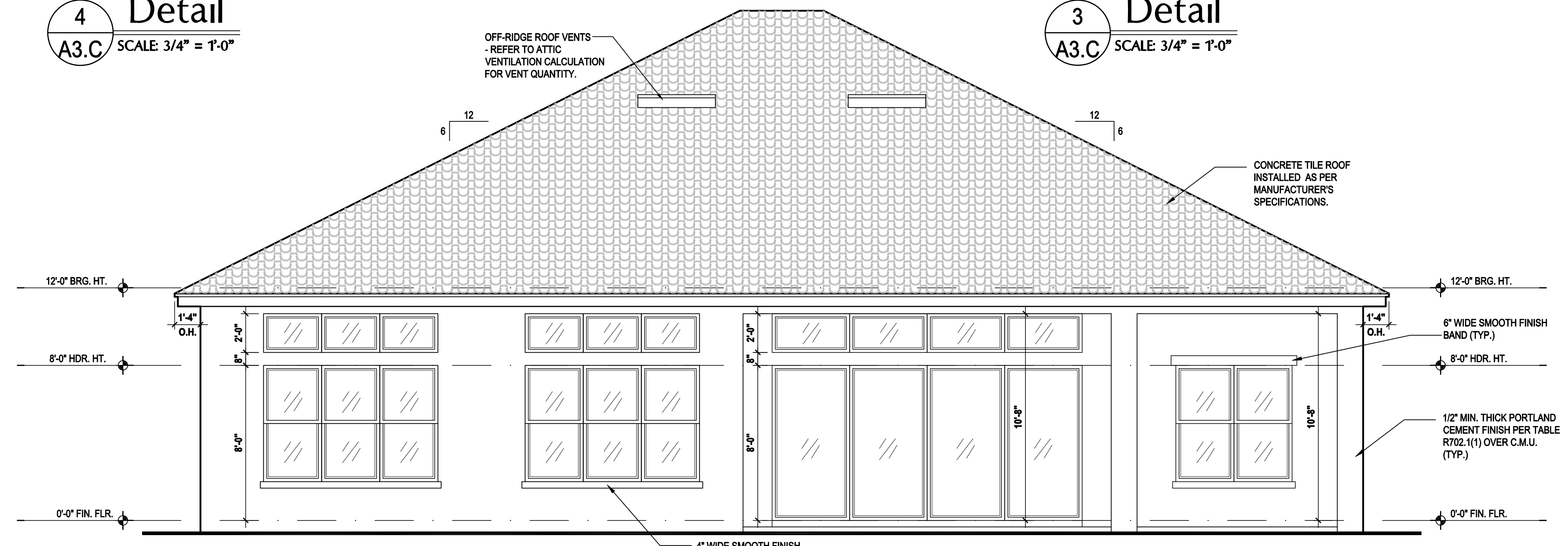
2 Detail
 A3.C

SCALE 3/4" = 1'-0"



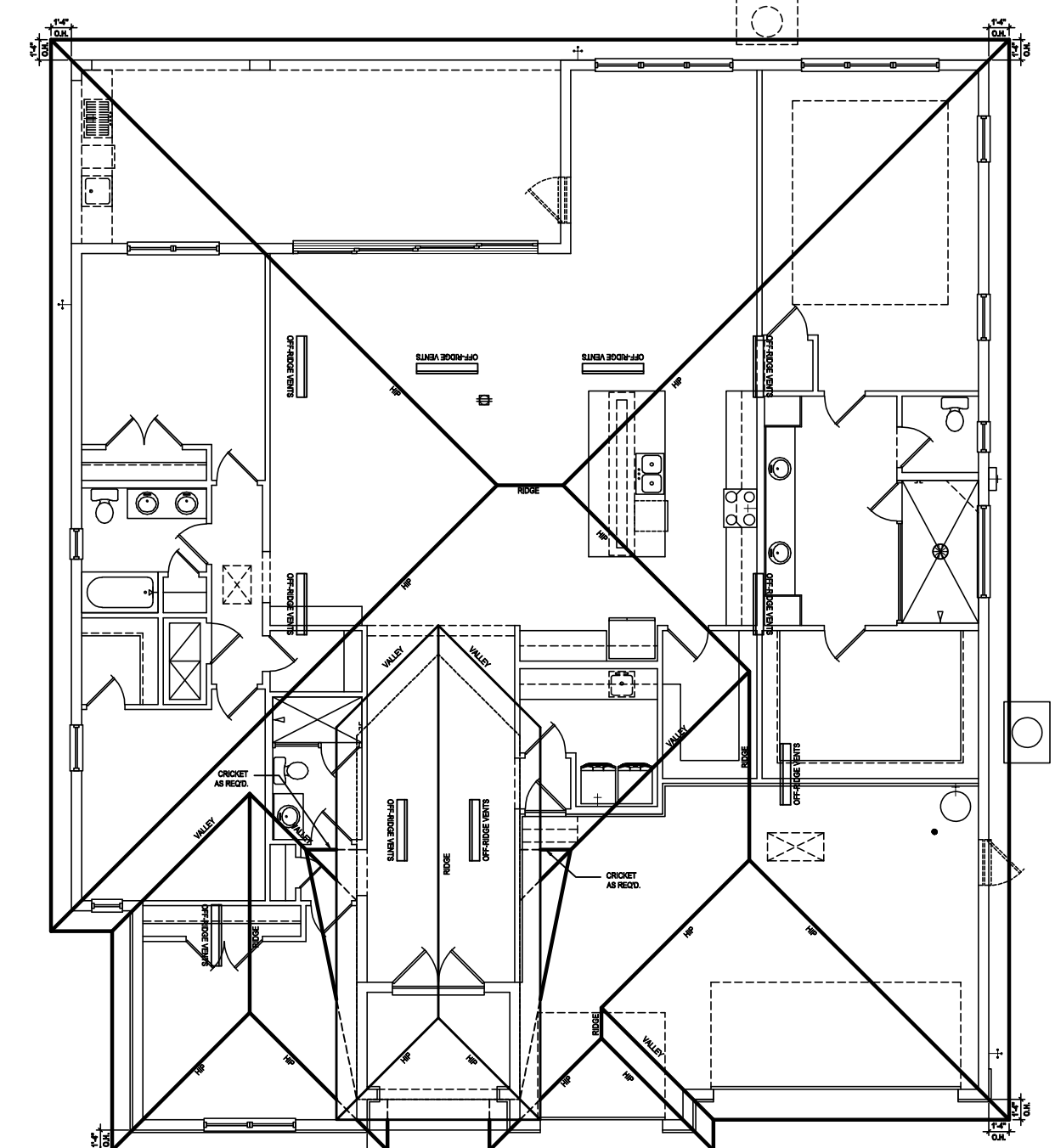
3 Detail
 A3.C

SCALE 3/4" = 1'-0"



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)

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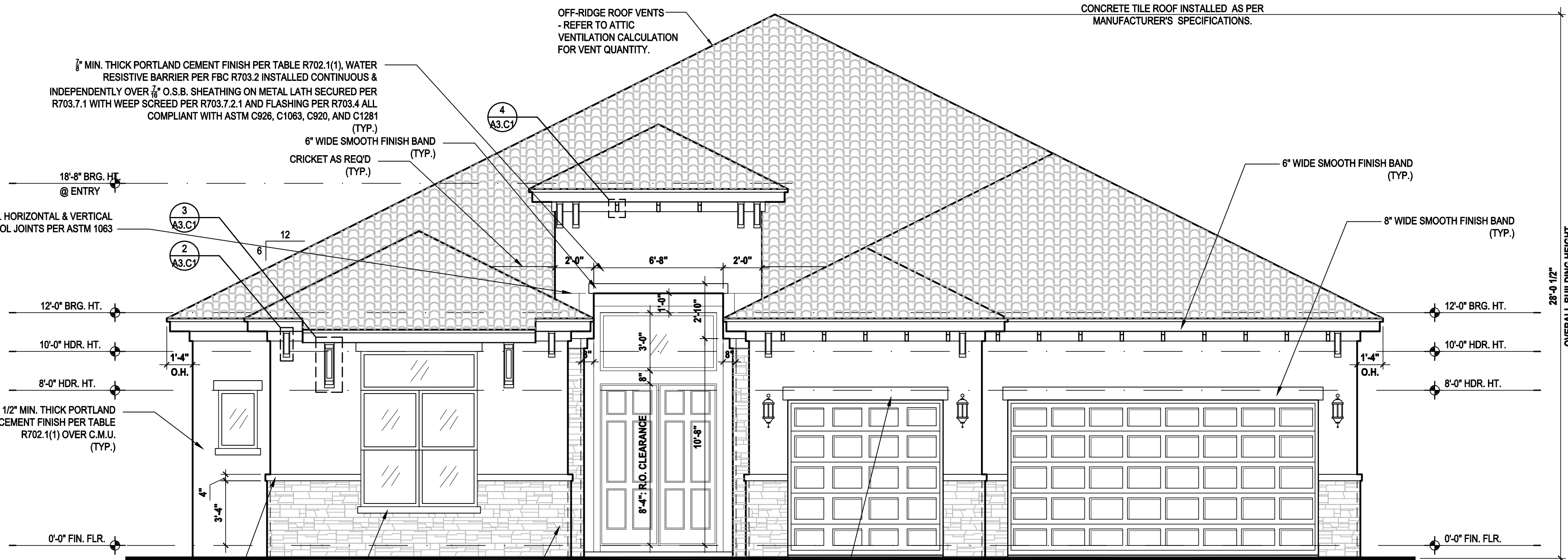
ISSUE DATE	03/03/2023
REVISIONS	
PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	C.C.
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ELEVATIONS "C"
A3.C

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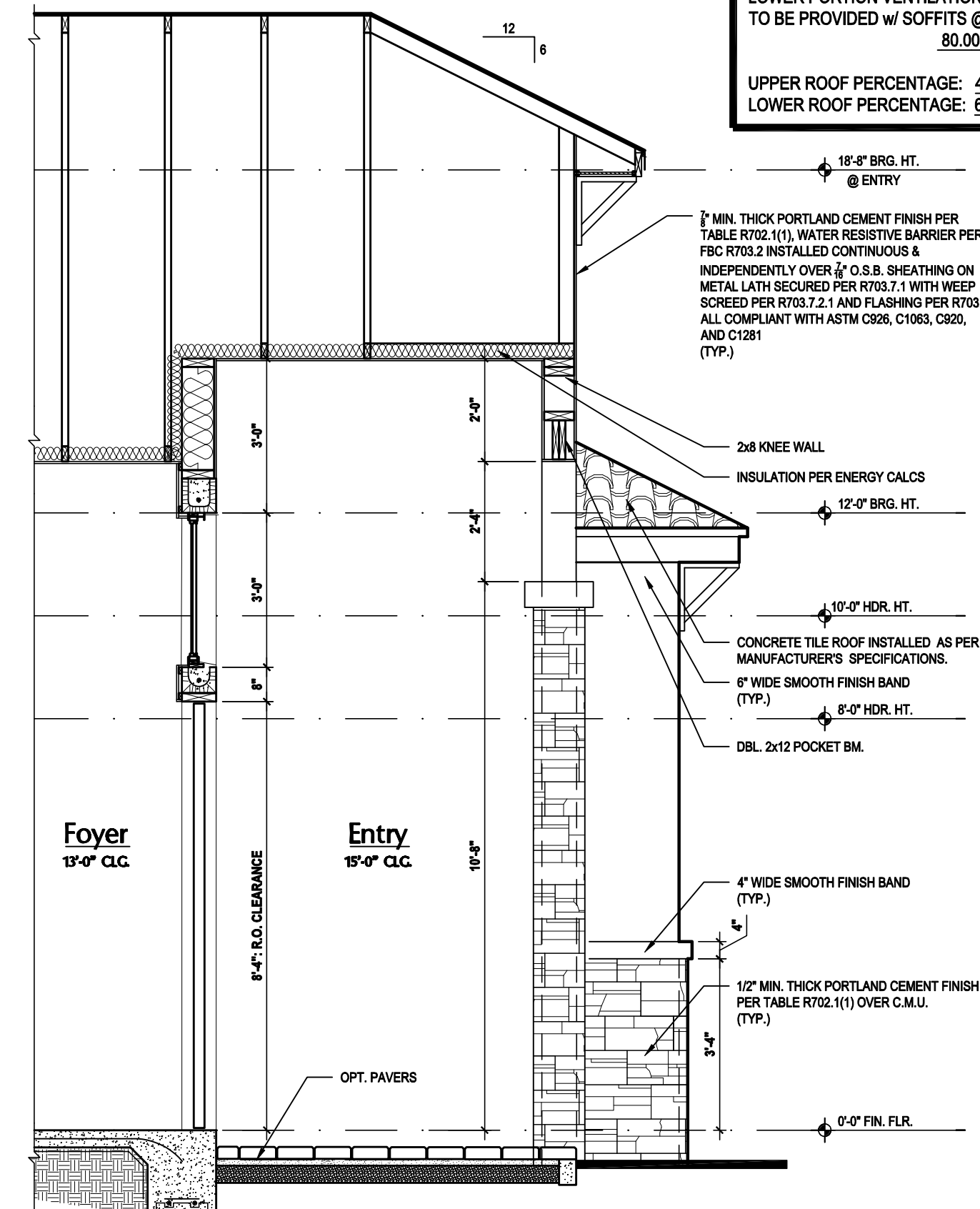
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Front Elevation "C"

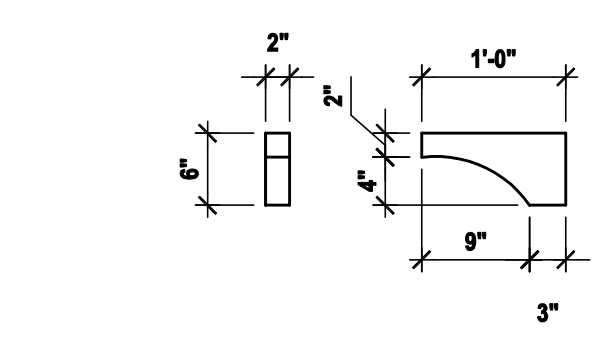
(Opt. Ext. Lanai)

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



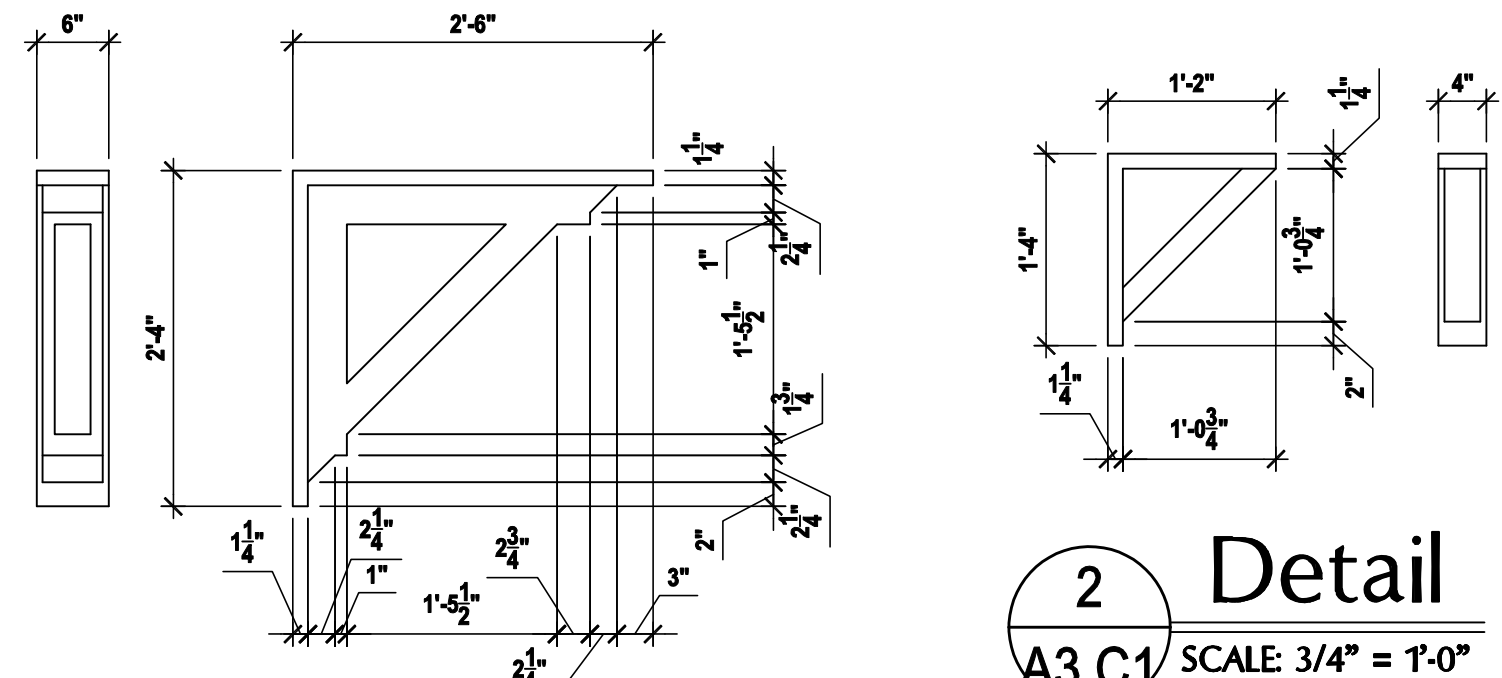
Entry Section

SCALE: 3/8" = 1'-0"



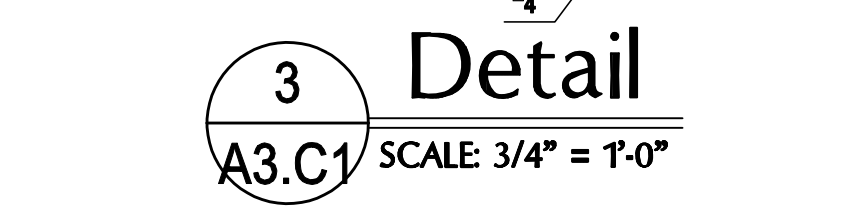
Detail 4

A3.C1 SCALE: 3/4" = 1'-0"



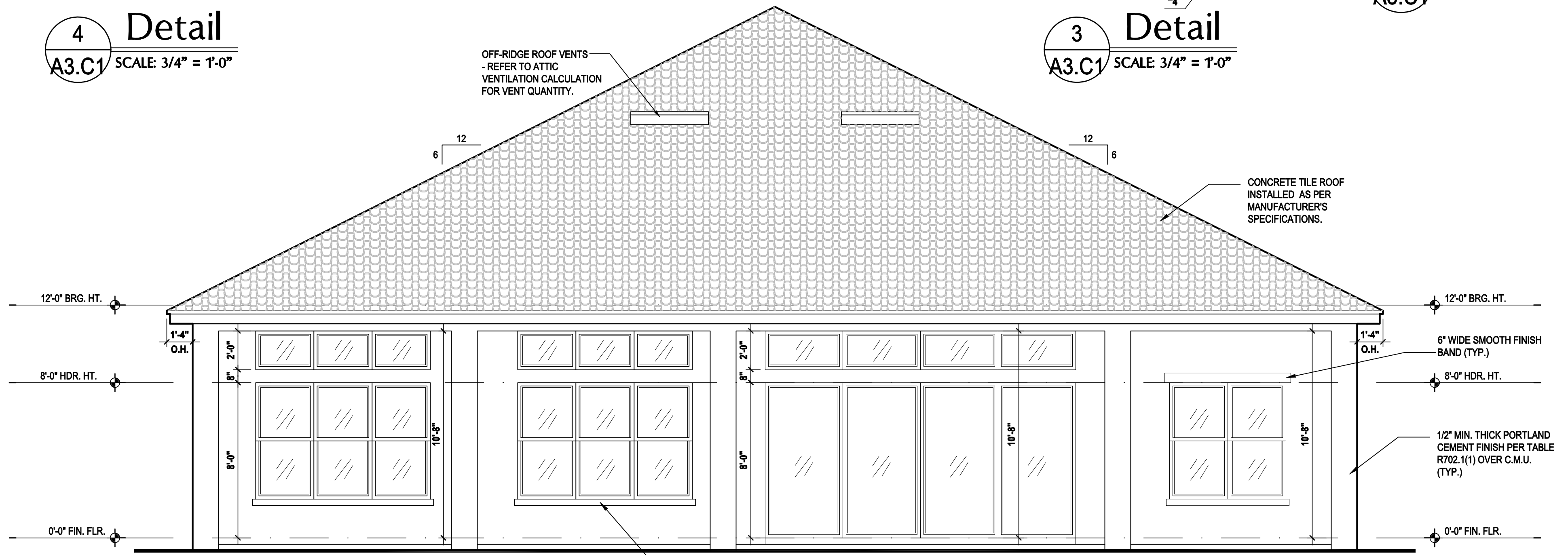
Detail 2

A3.C1 SCALE: 3/4" = 1'-0"



Detail 3

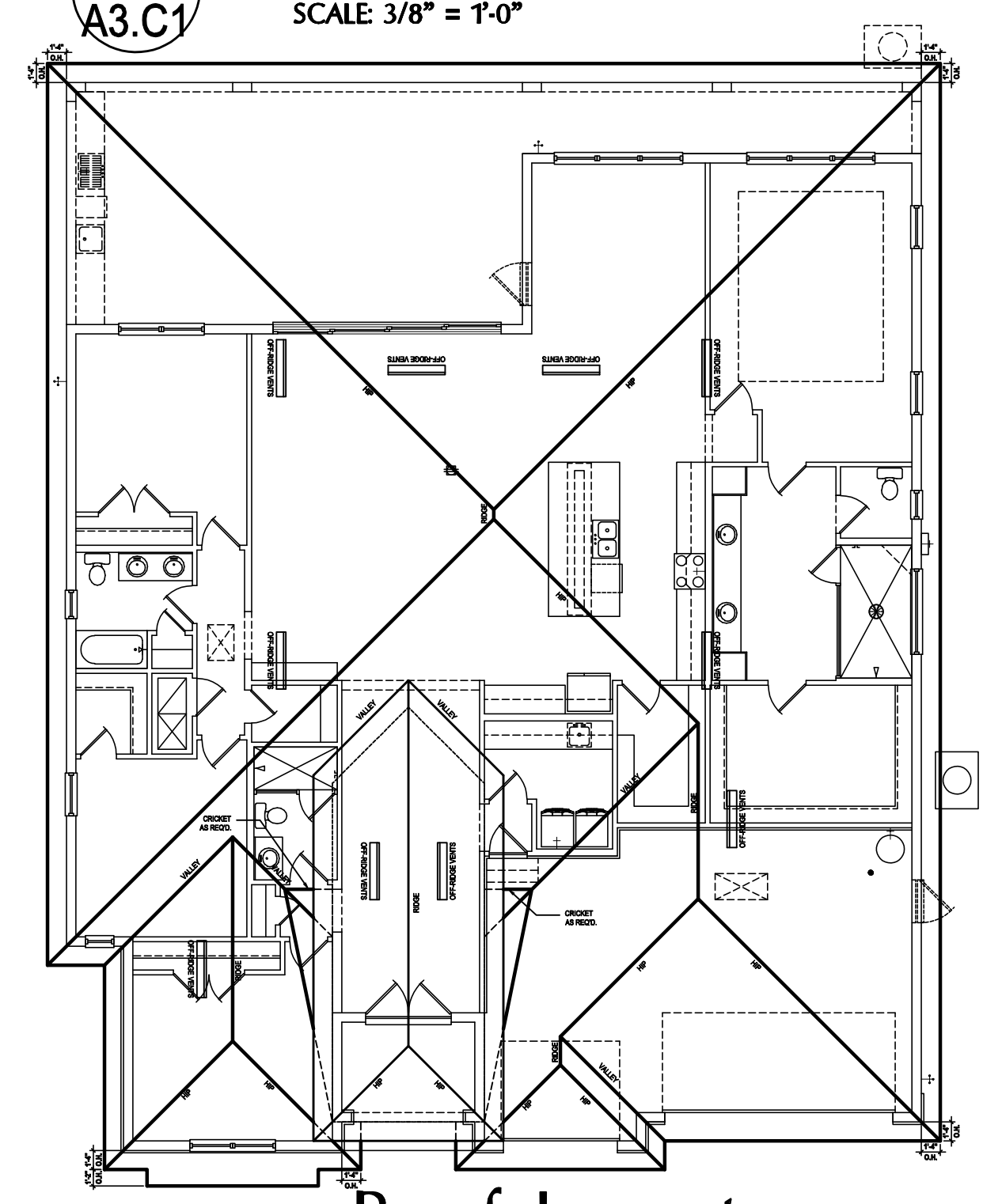
A3.C1 SCALE: 3/4" = 1'-0"



Rear Elevation "C"

(Opt. Ext. Lanai)

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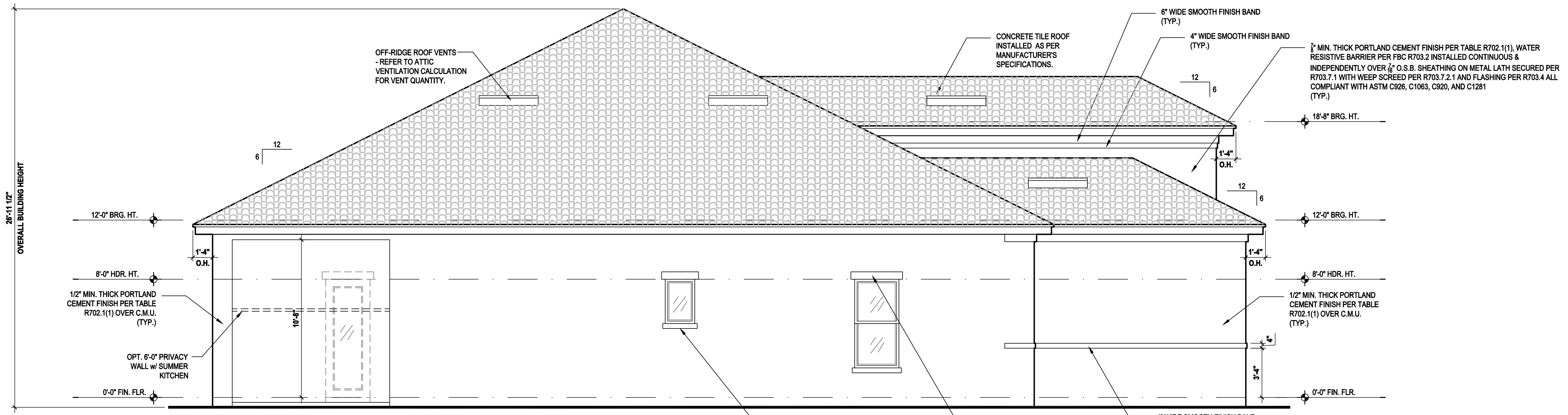
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PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	C.C.
DESIGNED BY:	MJS

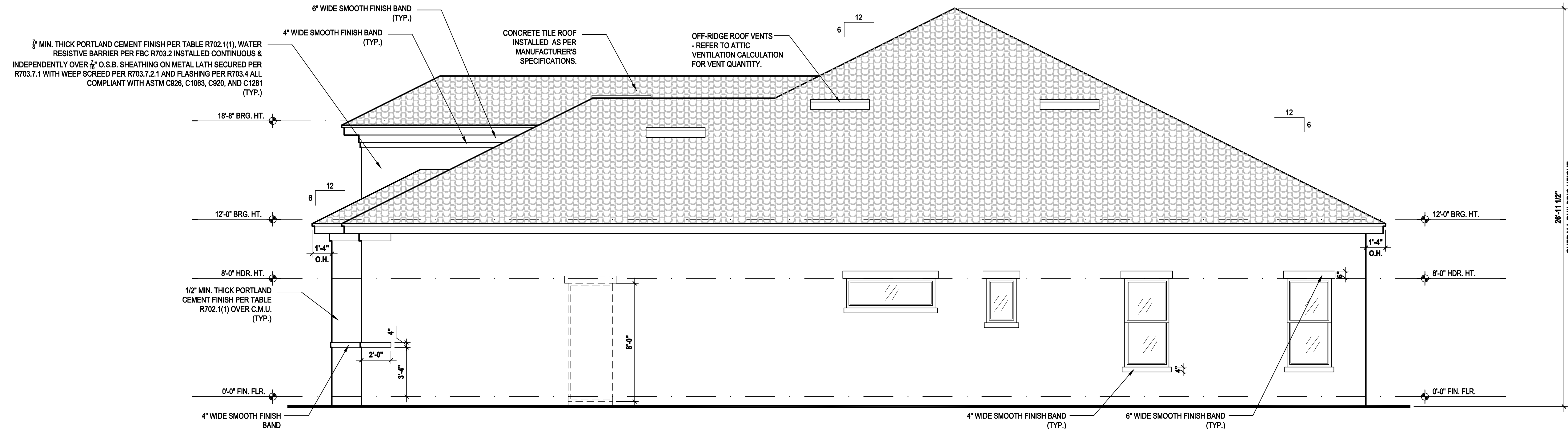
ELEVATIONS "C"
A3.C1

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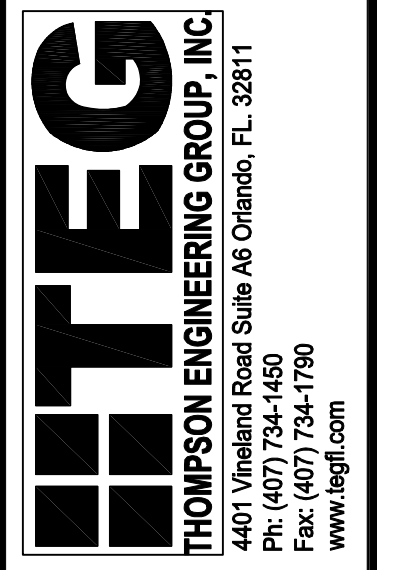
Left Elevation "A"
(Standard)

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

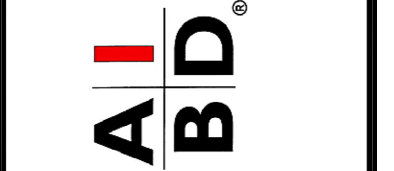


Right Elevation "A"
(Standard)

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



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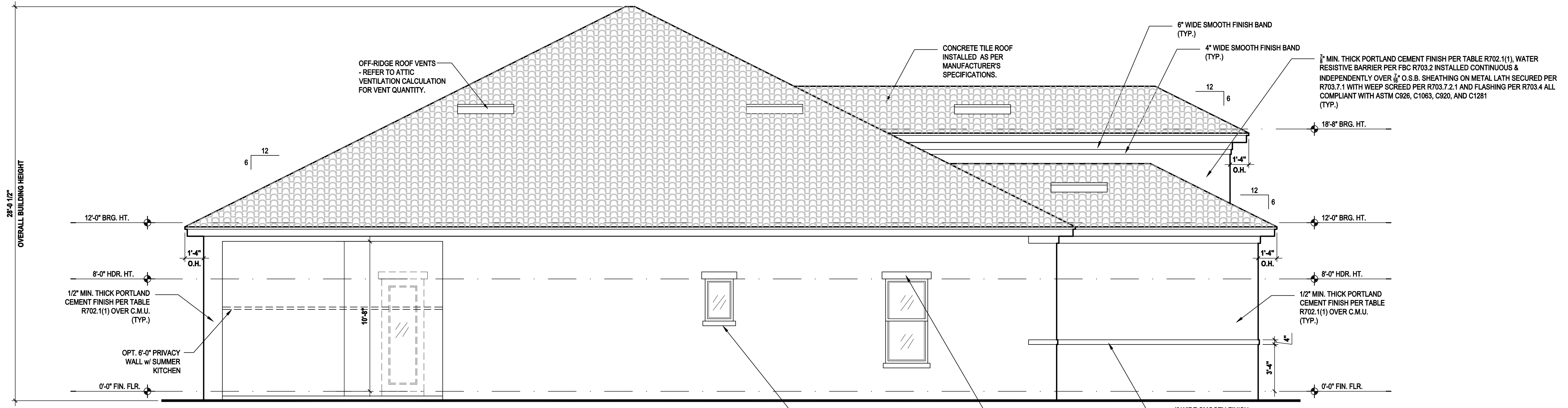
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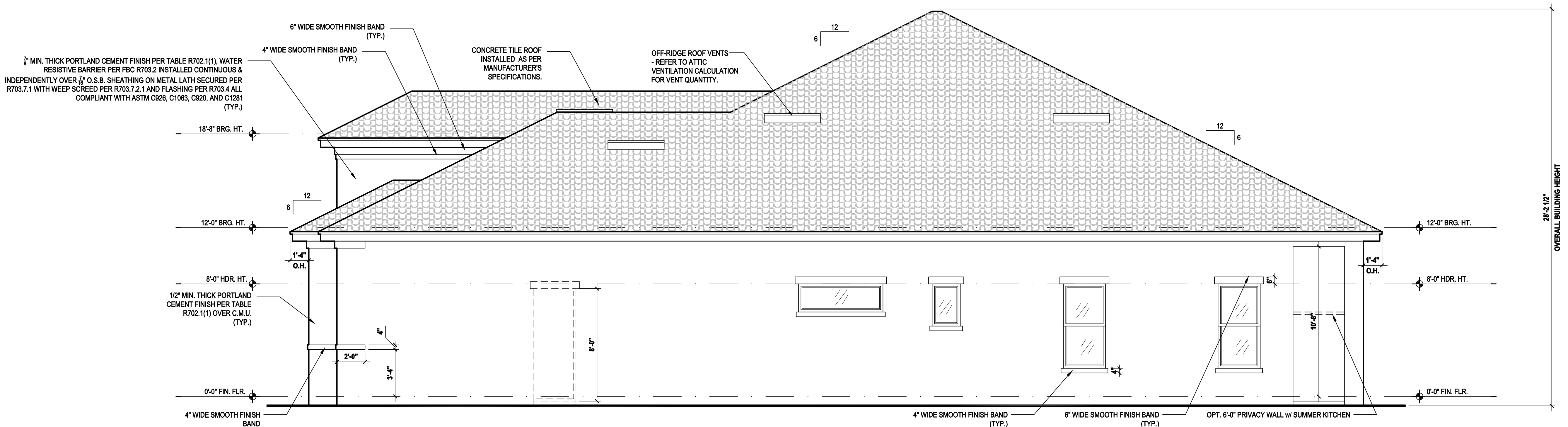
ISSUE DATE	03/03/2023
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DRAWN BY:	C.C.
DESIGNED BY:	MJS

ELEVATIONS "A"
A4.A

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



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

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"CRISTO"
 60-2992
 Lot # - Subdivision
 Street Address
 City, State, Zip

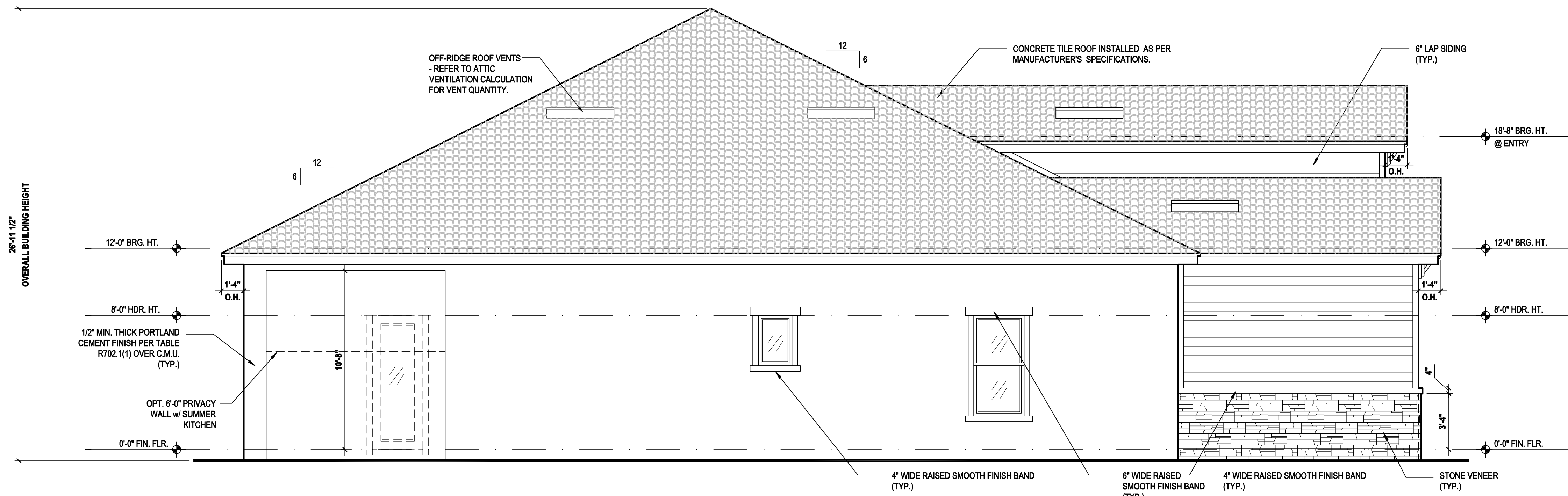
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Park Square HOMES

ISSUE DATE	03/03/2023
REVISIONS	
PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	C.C.
DESIGNED BY:	MJS

ELEVATIONS "A"
A4.A1

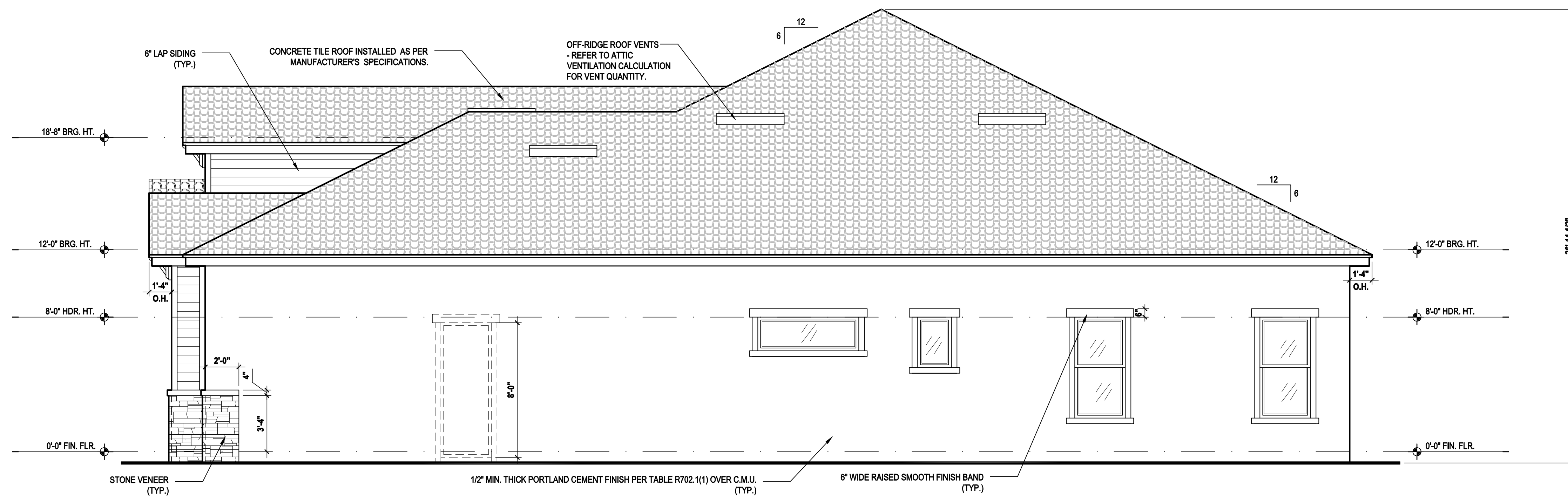
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Left Elevation "B"

(Standard)

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

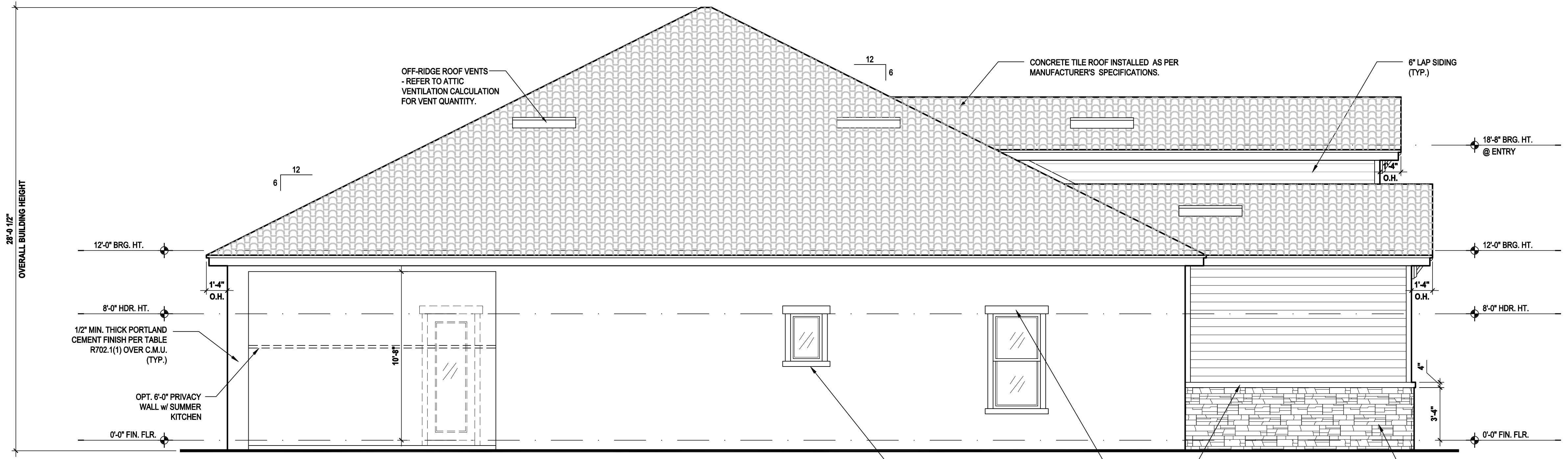


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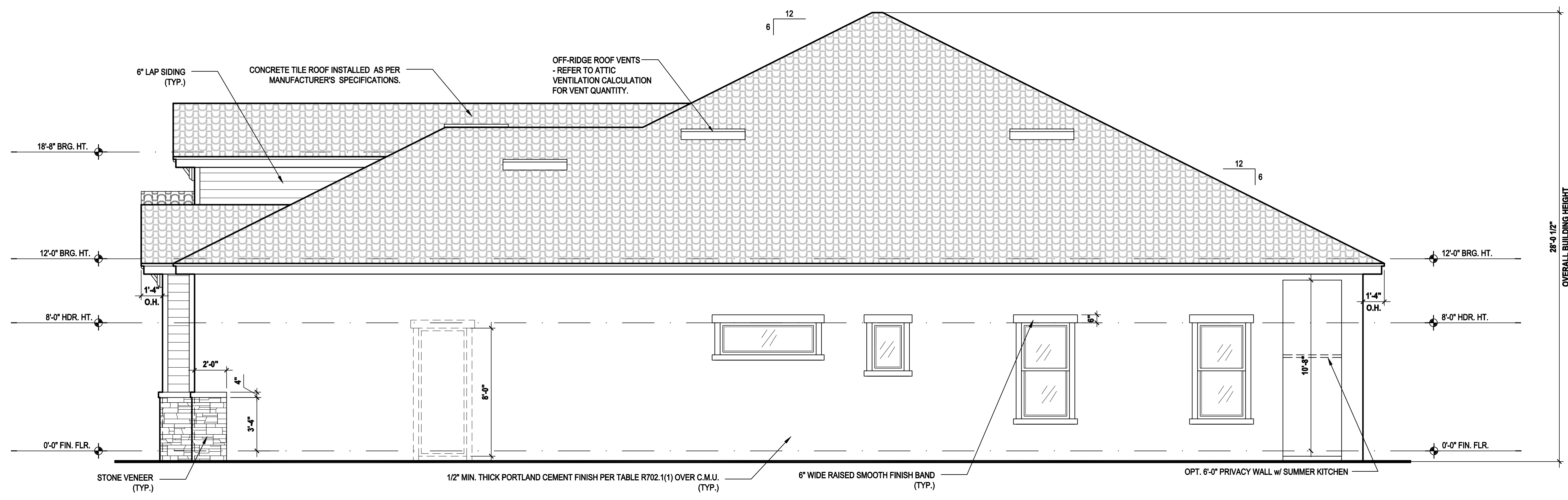
(Standard)

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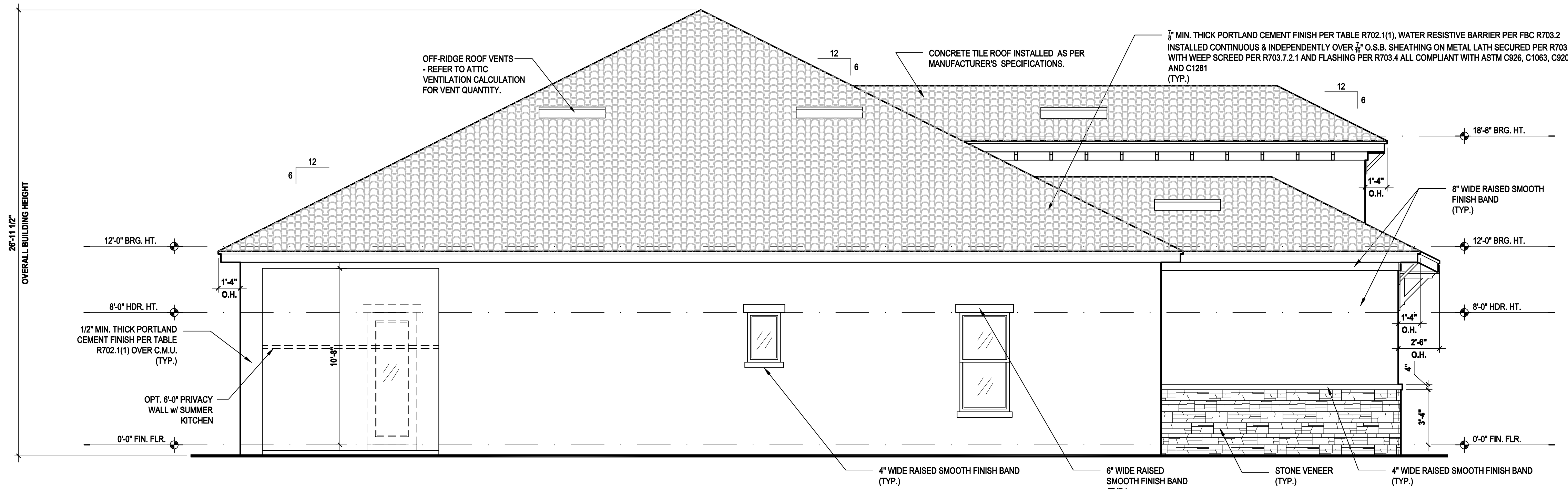


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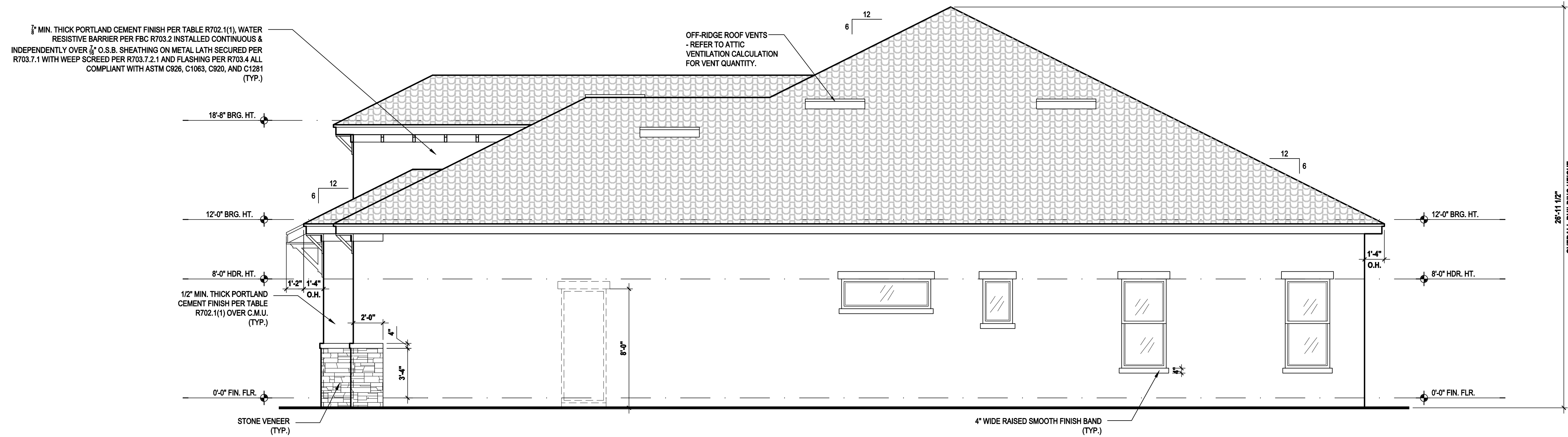
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Left Elevation "C"
(Standard)

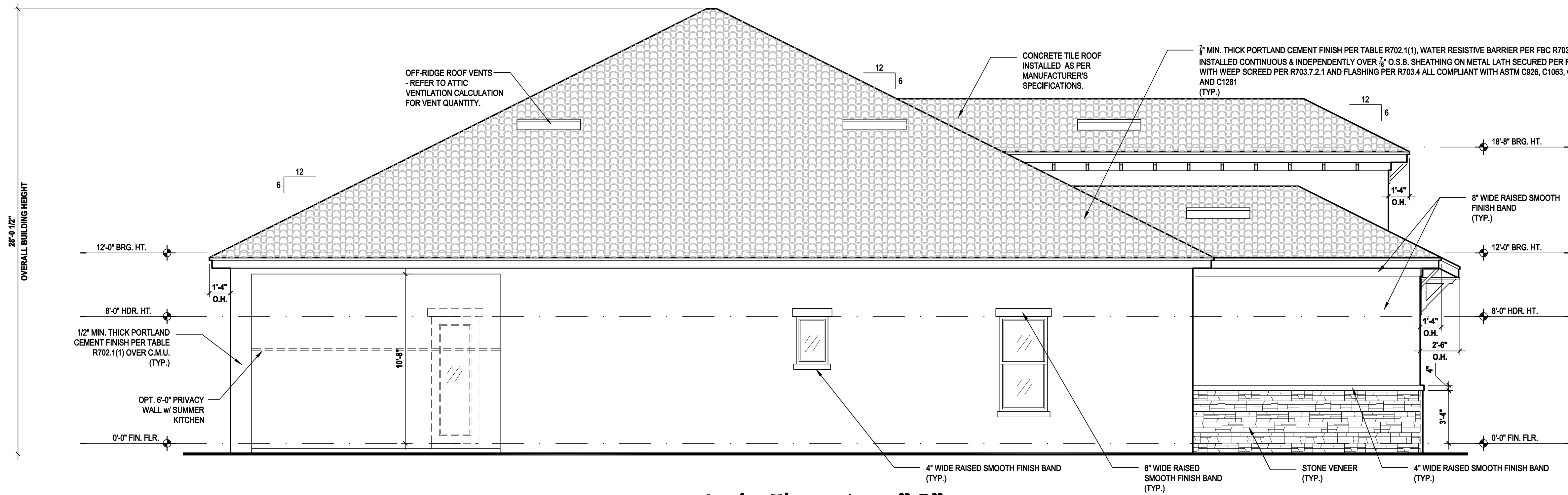
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Right Elevation "C"
(Standard)

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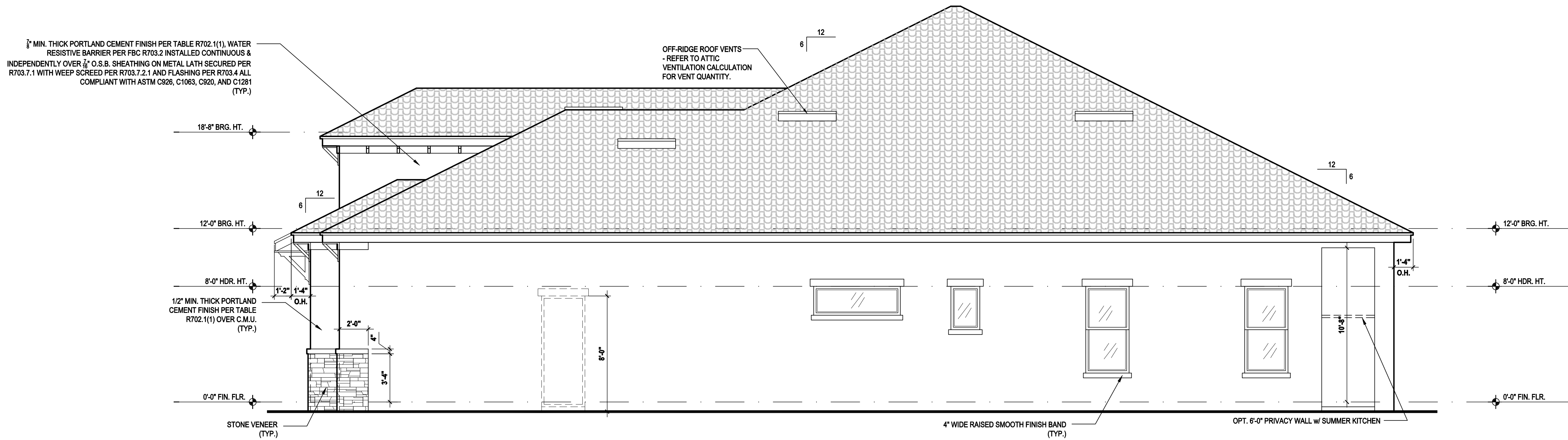
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Left Elevation "C"

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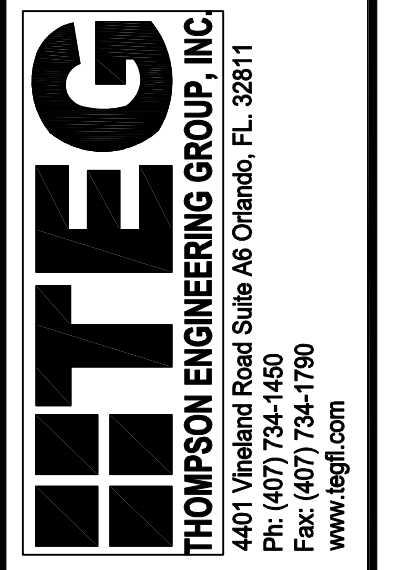
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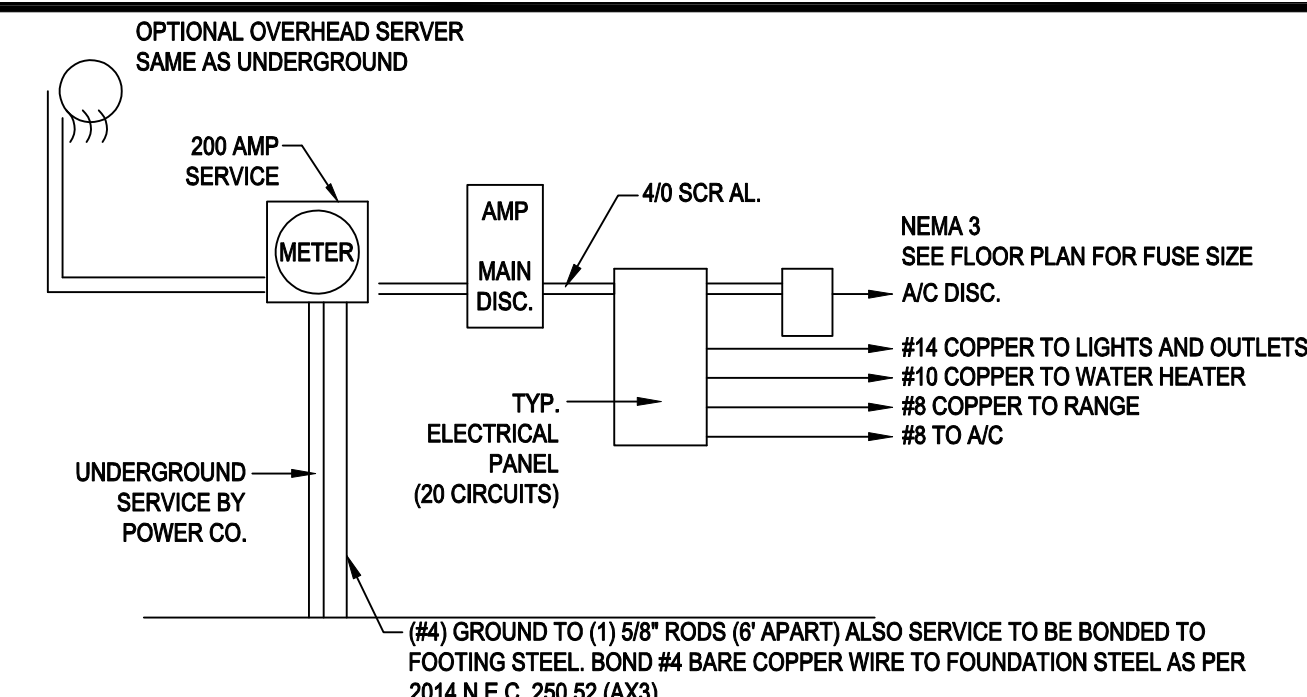
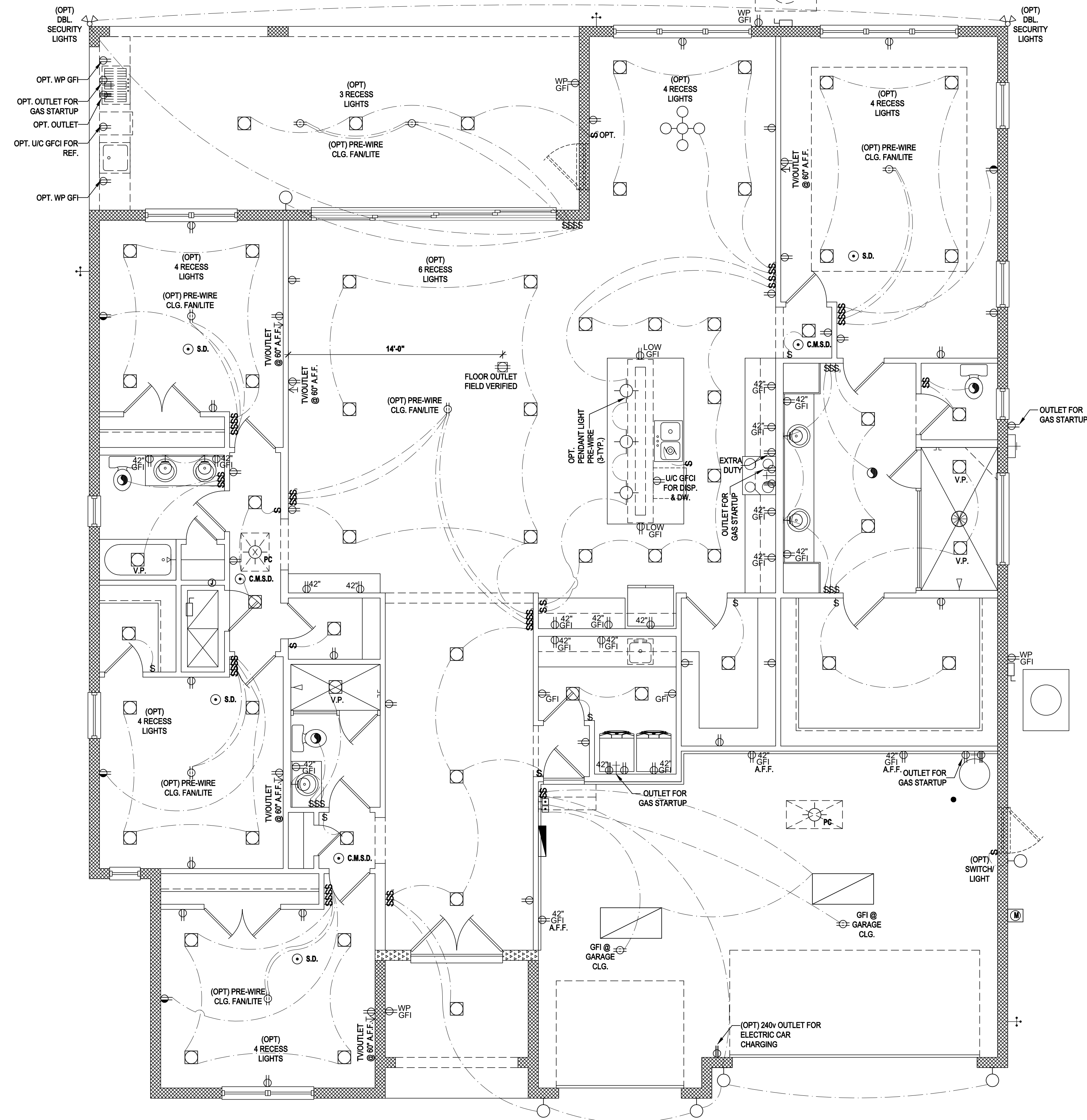
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DRAWN BY:	C. C.
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ELEVATIONS "C"
A4.C1

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200 AMP ELECTRICAL RISER

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ELECTRICAL KEY:

	CEILING MOUNTED LIGHT
	PULL CHAIN LIGHT
	FLUSH-MOUNT LED
	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
	ELECTRICAL PANEL
	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"

(Standard)

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

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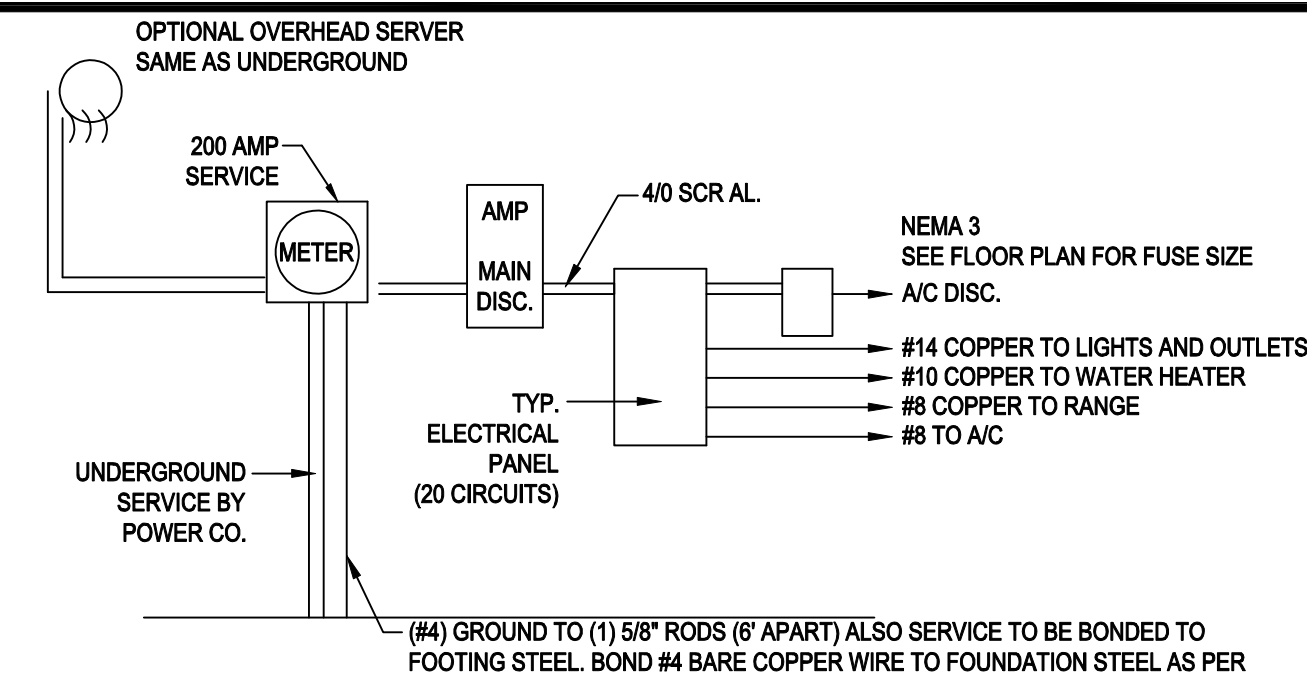
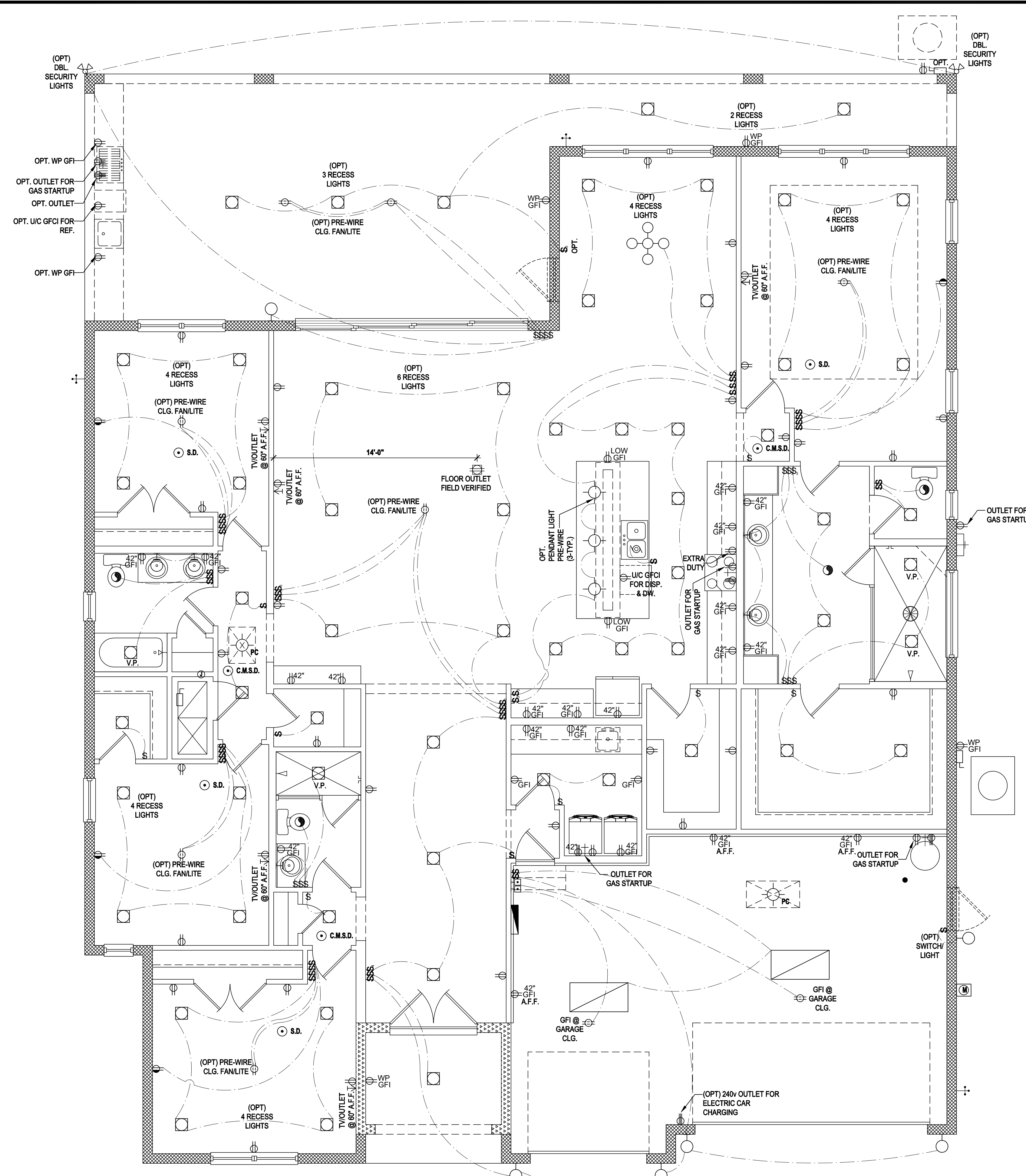
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 Phone: (407) 529-3000

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ISSUE DATE: 03/03/2023
 REVISIONS
 PROJECT: 00-0000
 SCALE: AS NOTED
 DRAWN BY: C.C.
 DESIGNED BY: MJS

ELECTRICAL LAYOUT
A5.A

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200 AMP ELECTRICAL RISER

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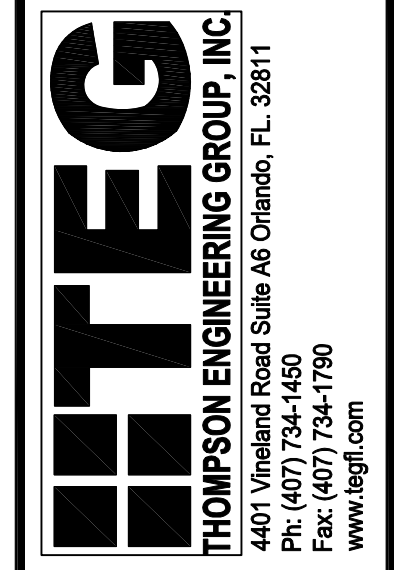
ELECTRICAL KEY:

	CEILING MOUNTED LIGHT
	PULL CHAIN LIGHT
	FLUSH-MOUNT LED
	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
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	PRE-WIRE GARAGE DOOR OPENER
	FLUORESCENT LIGHT
	ELECTRICAL PANEL
	CHIME
	DOOR BELL / GARAGE DOOR SWITCH
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	ELECTRICAL METER
	SMOKE DETECTOR
	CARBON MONOXIDE / SMOKE DETECTOR
	CEILING FAN
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	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"

(Opt. Ext. Lanai)

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



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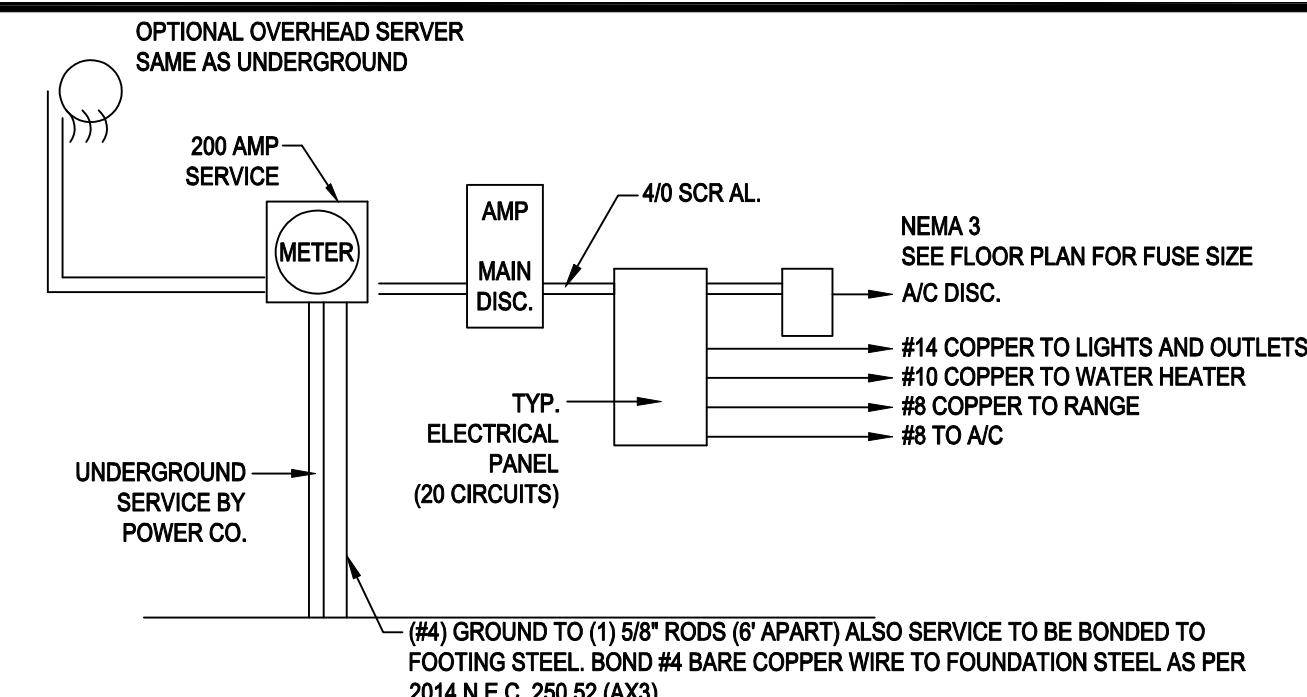
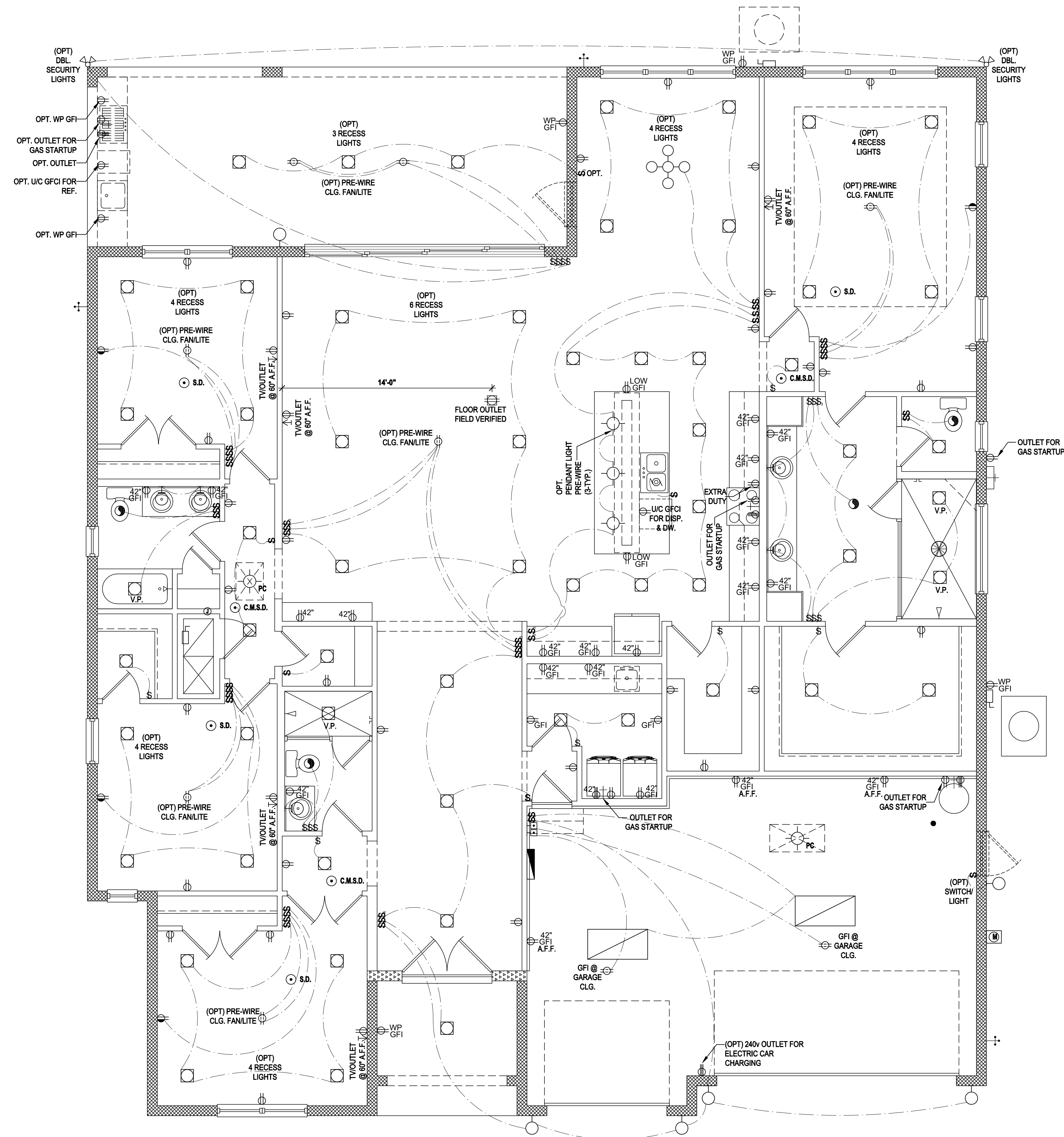
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DESIGNED BY: MJS

ELECTRICAL LAYOUT
A5.A1

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(Opt. Office)

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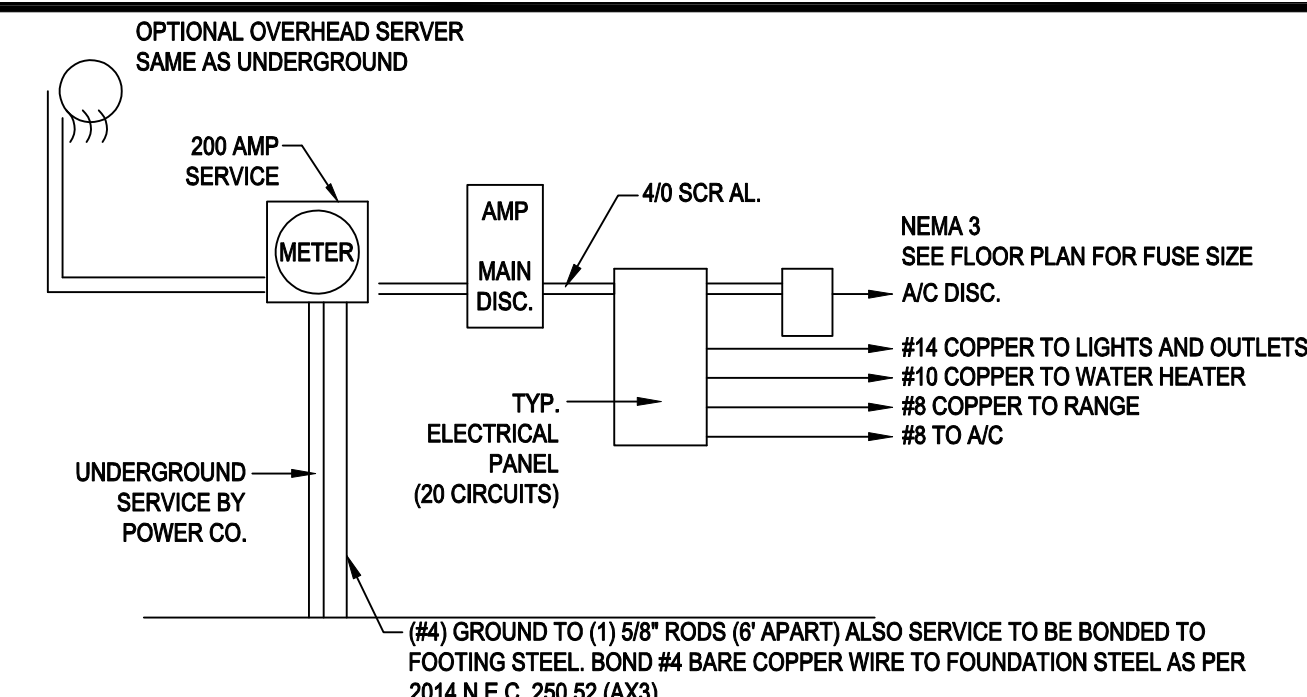
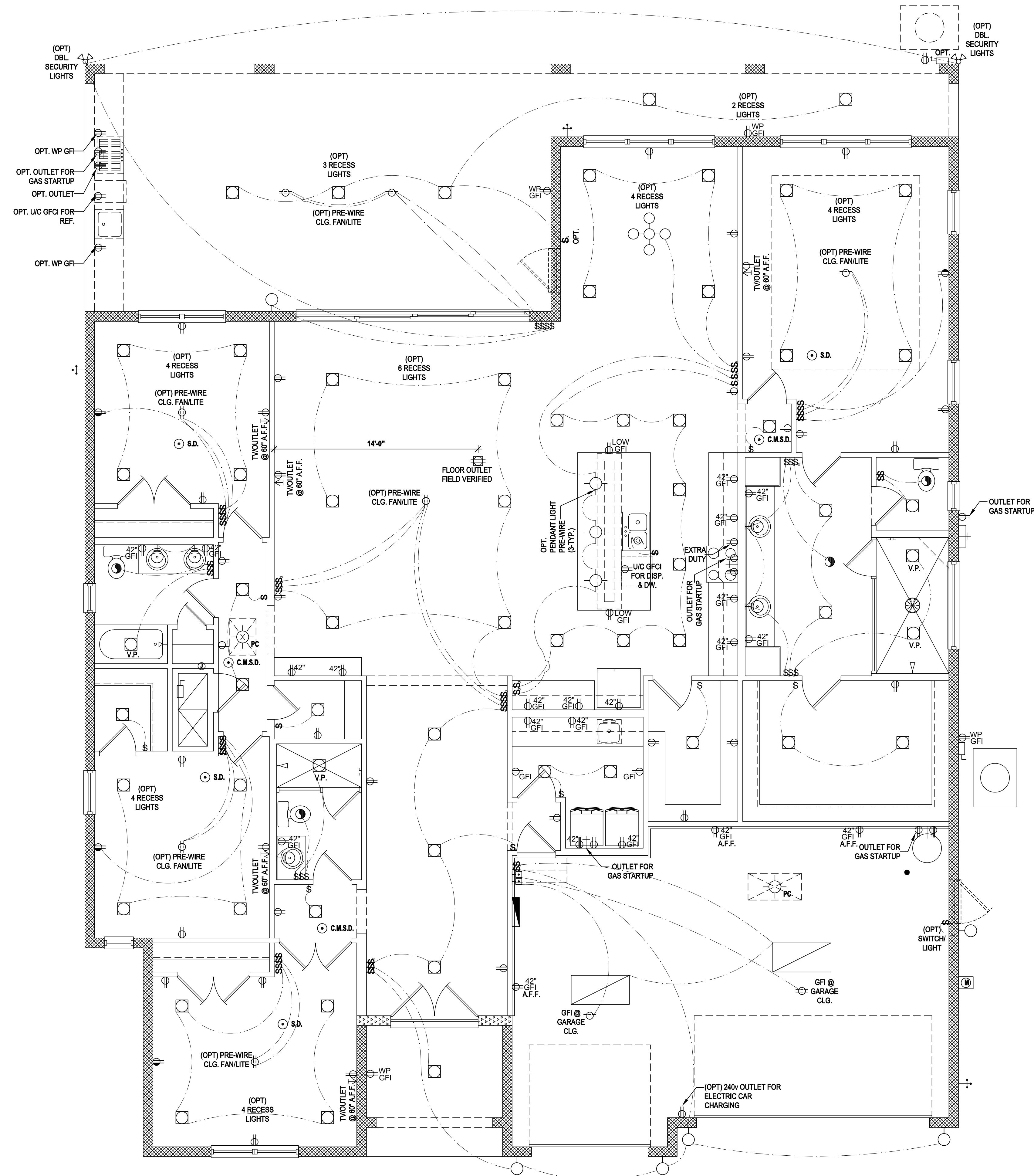
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DRAWN BY: C.C.
DESIGNED BY: MJS

ELECTRICAL LAYOUT
A5.A2



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ELECTRICAL KEY:

	CEILING MOUNTED LIGHT
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	FLUSH-MOUNT LED
	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
	ELECTRICAL PANEL
	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"

(Opt. Office & Ext. Lanai)
SCALE: 1/8" = 1'-0" (11x17) 1/4" = 1'-0" (22x34)



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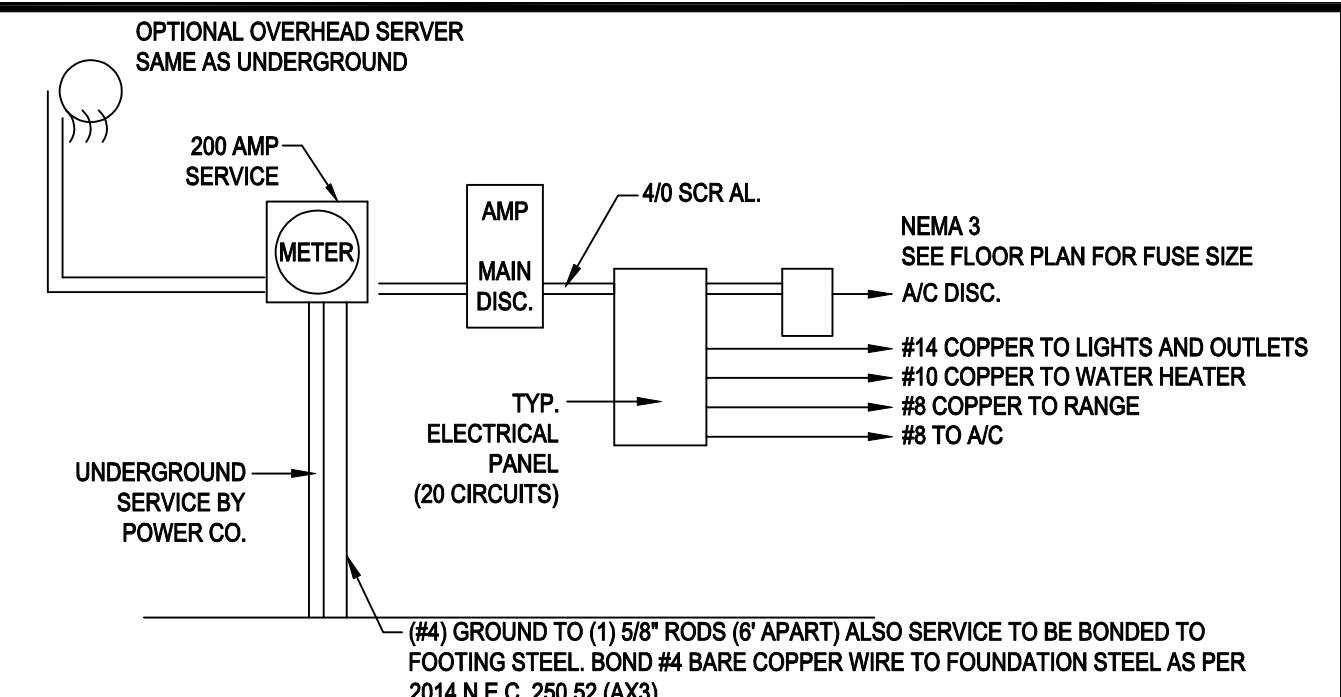
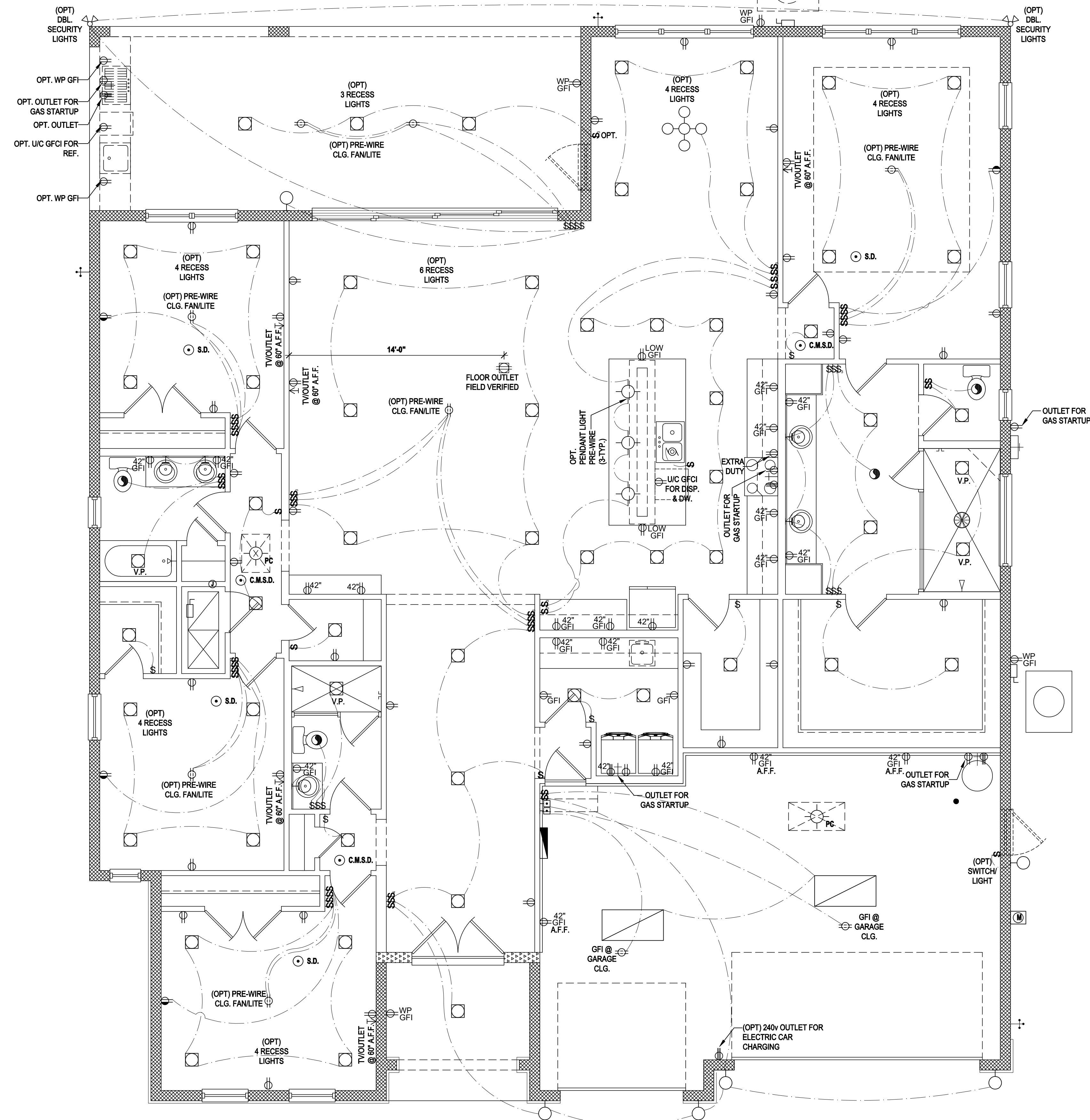
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Phone: (407) 529-3000



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

ELECTRICAL LAYOUT
A5.A3

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

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Lot # - Subdivision
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City, State, Zip

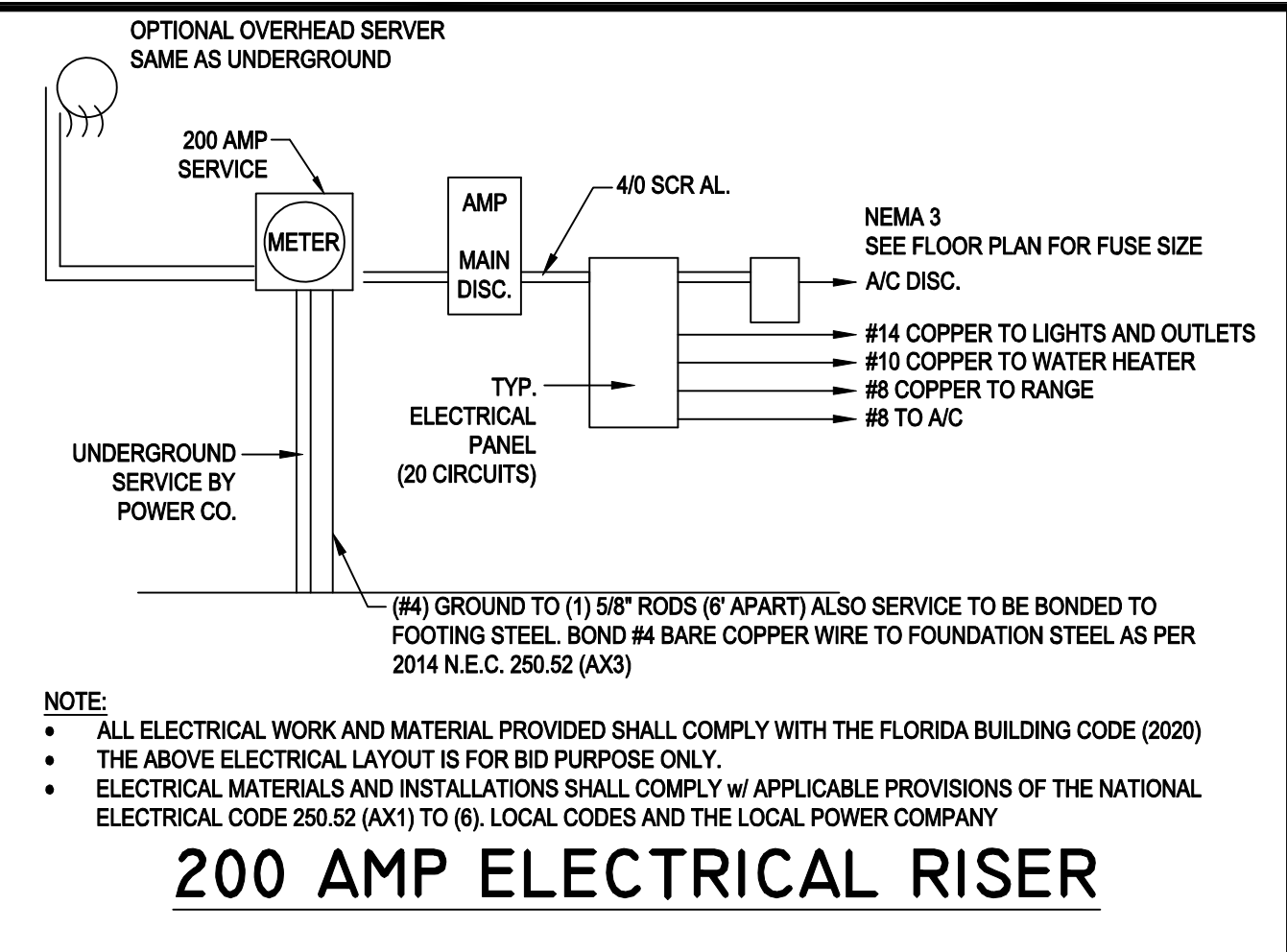
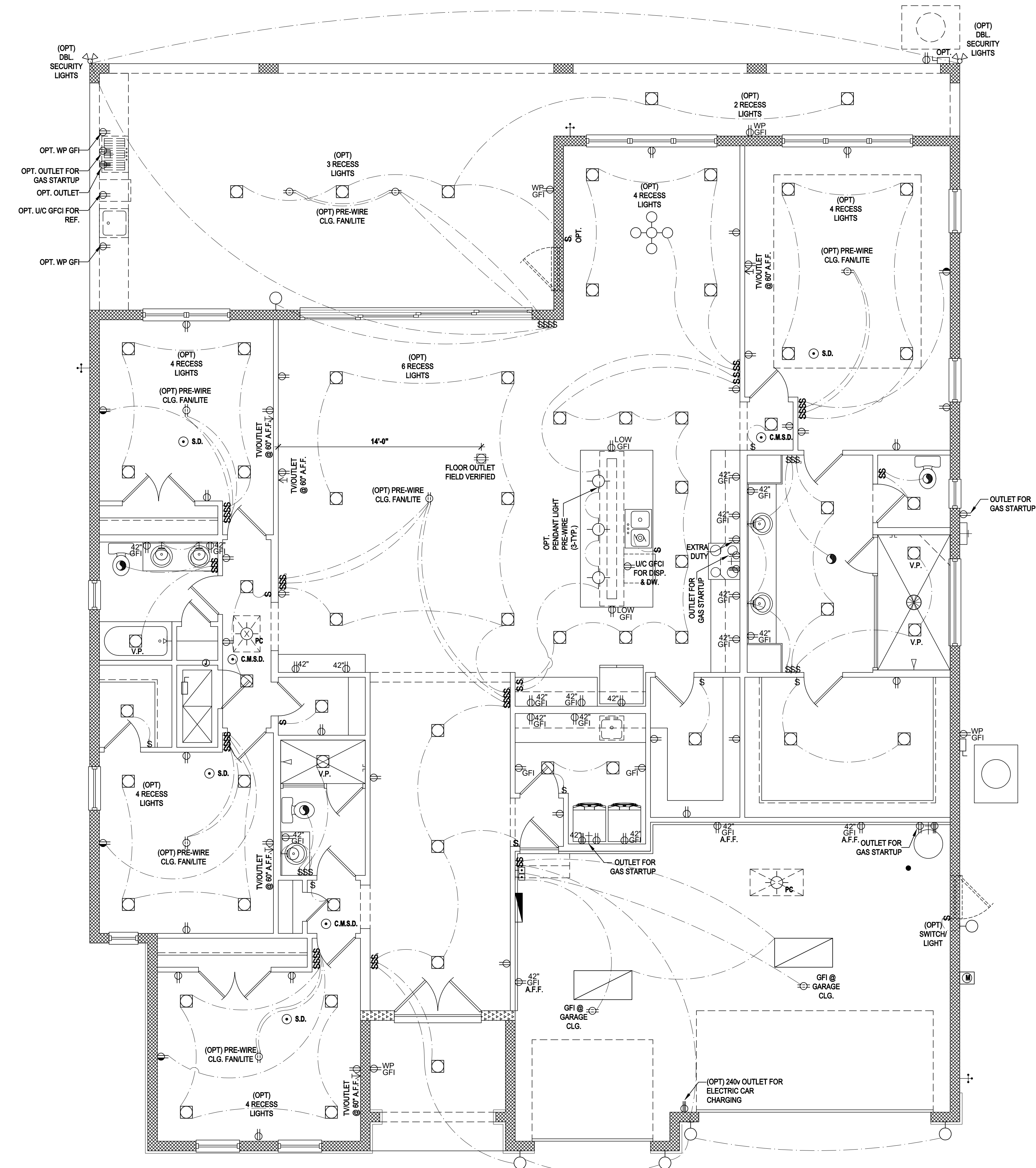
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Phone: (407) 529-3000

Park Square HOMES

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

ELECTRICAL LAYOUT
A5.B

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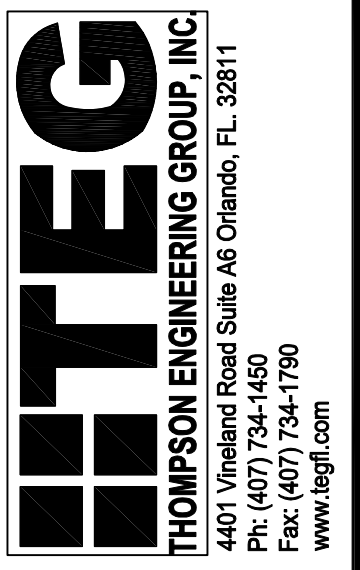
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Electrical Plan "B"

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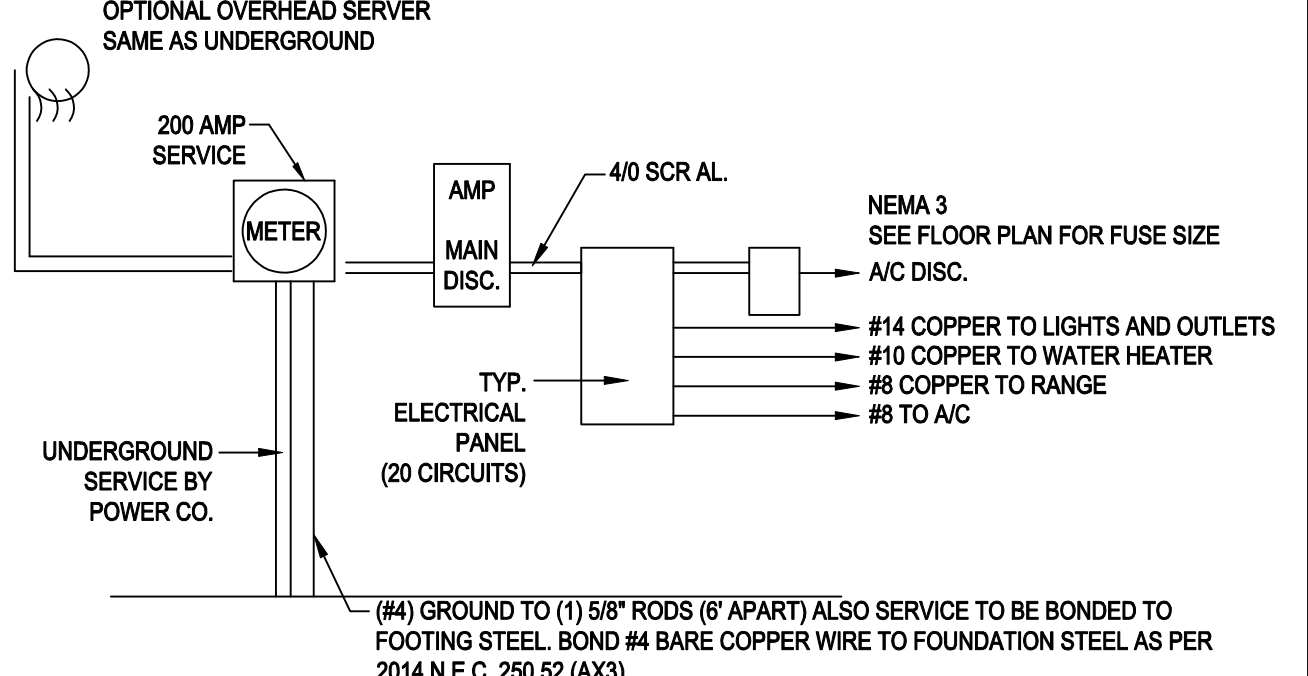
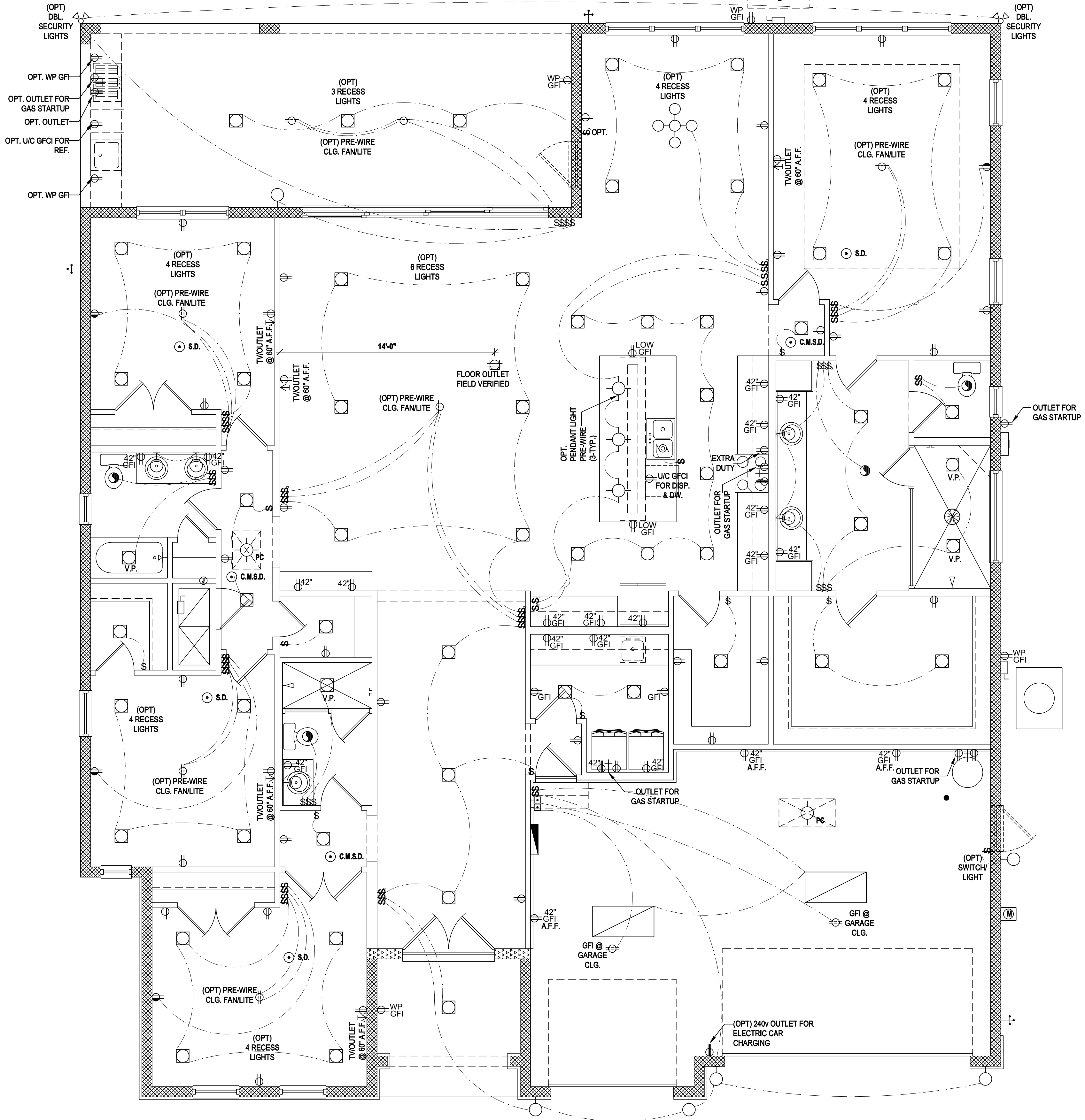
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ELECTRICAL LAYOUT
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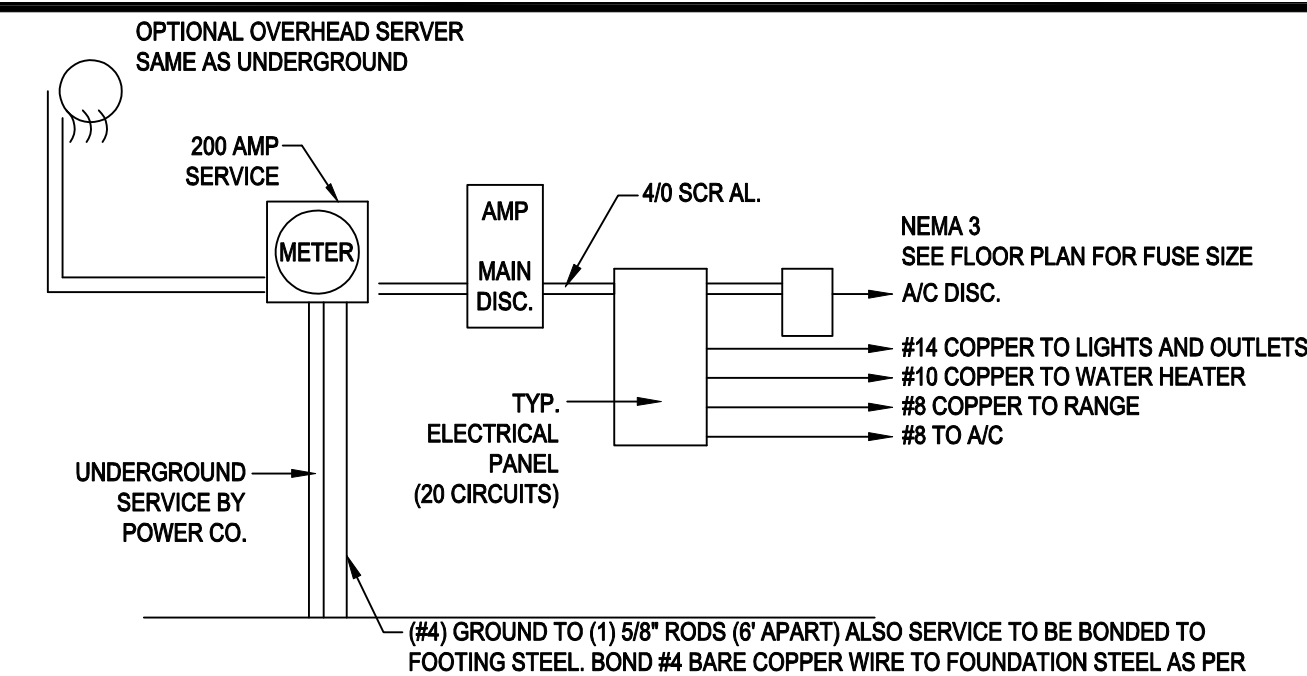
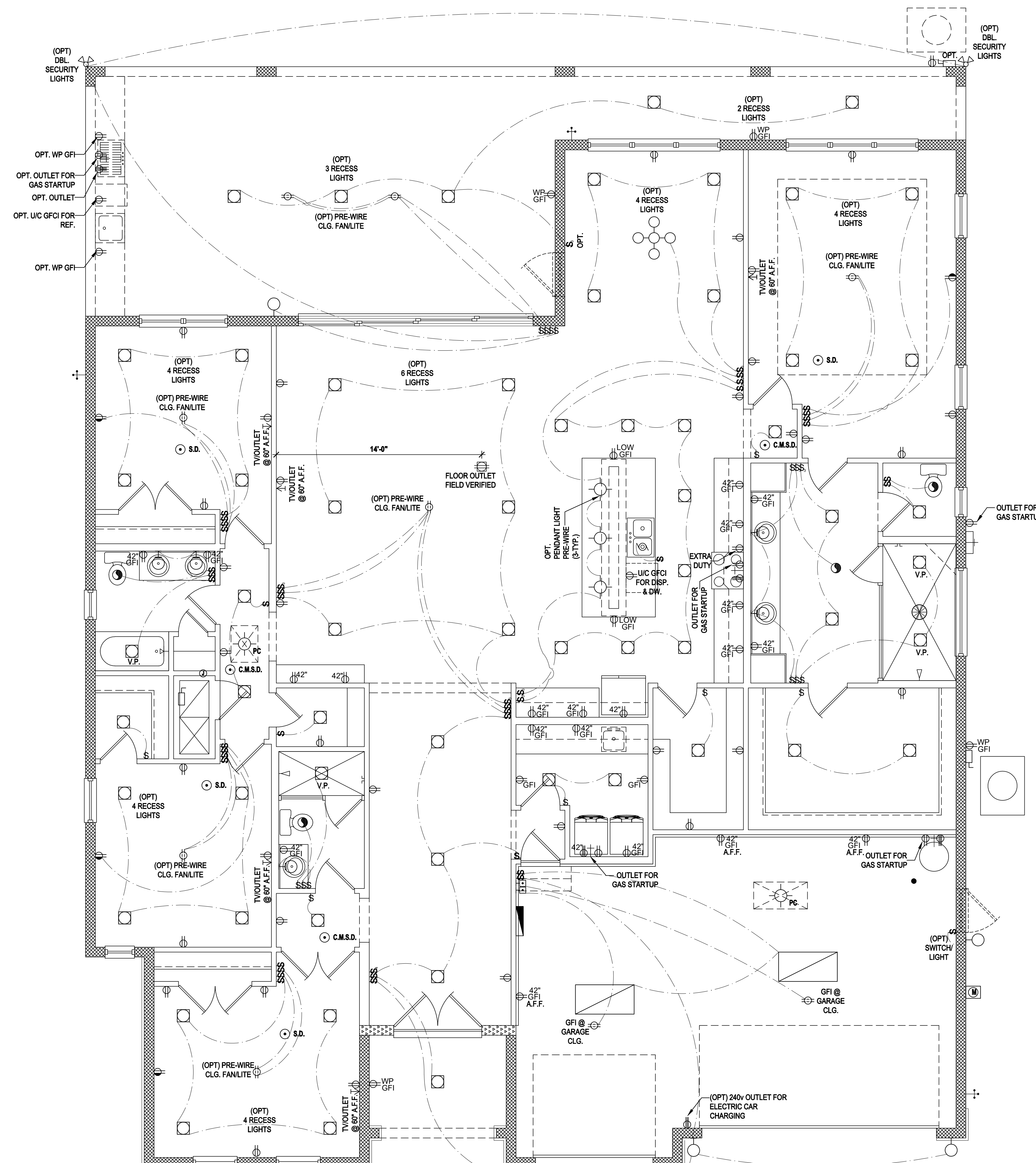
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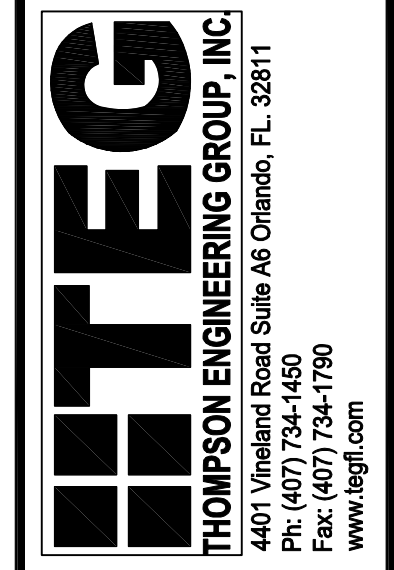
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ELECTRICAL KEY:

	CEILING MOUNTED LIGHT
	PULL CHAIN LIGHT
	FLUSH-MOUNT LED
	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
	ELECTRICAL PANEL
	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 "B"

(Opt. Office & Ext. Lanai)
SCALE: 1/8" = 1'-0" (11x17) 1/4" = 1'-0" (22x34)



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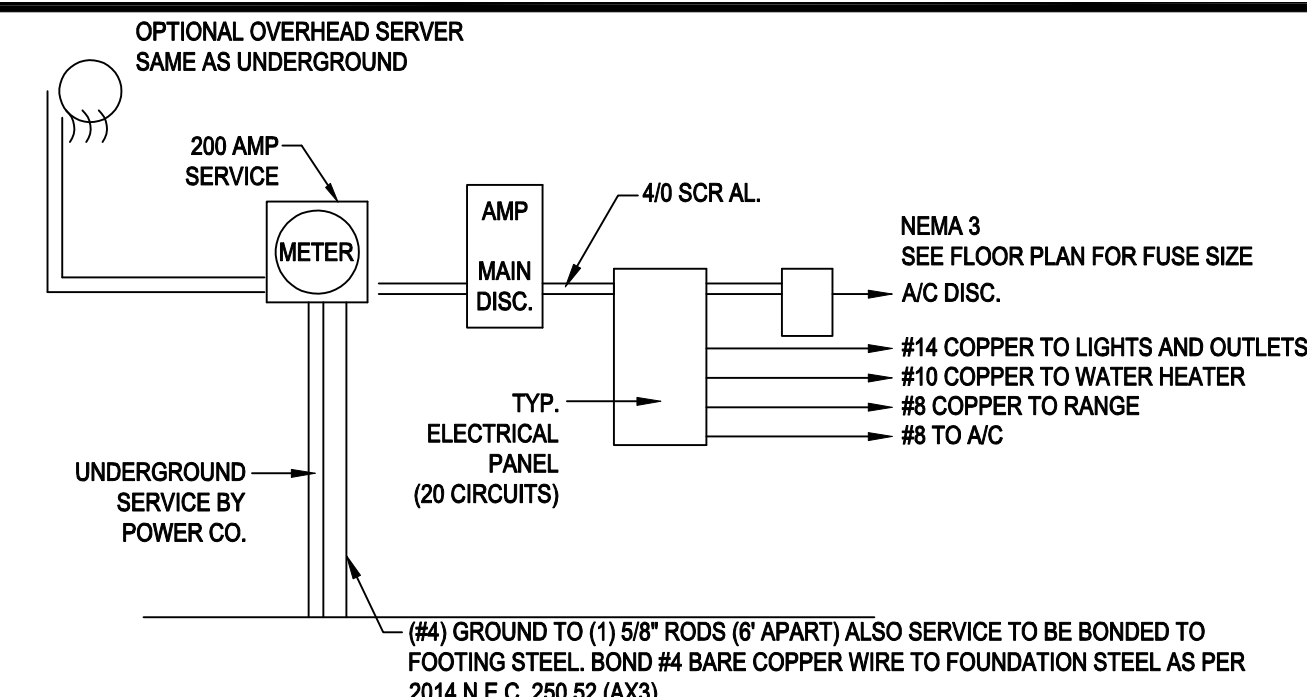
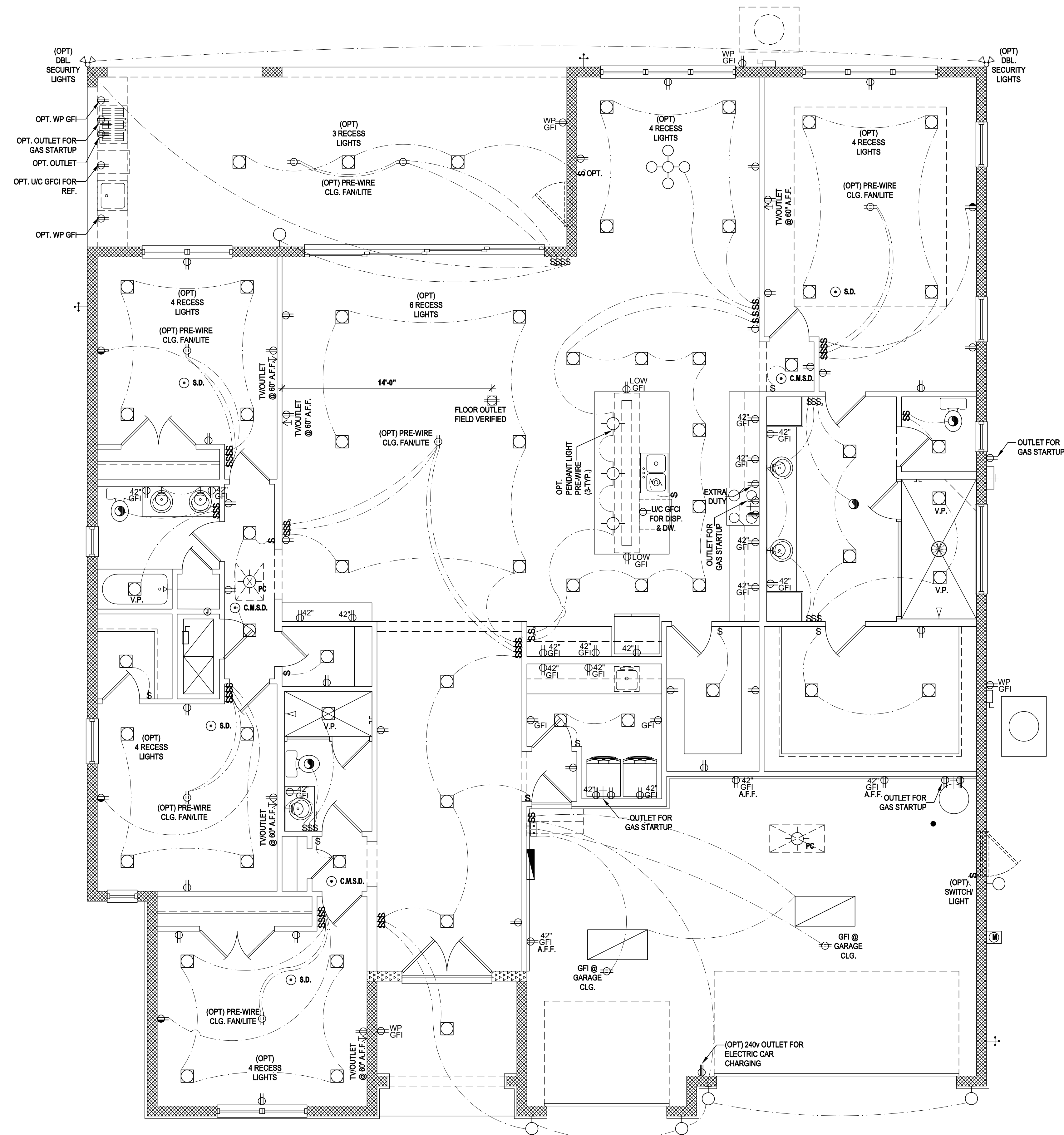
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Phone: (407) 529-3000



ISSUE DATE: 03/03/2023
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PROJECT: 00-0000
SCALE: AS NOTED
DRAWN BY: C.C.
DESIGNED BY: MJS

ELECTRICAL LAYOUT
A5.B3

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200 AMP ELECTRICAL RISER

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Electrical Plan "C"

(Standard)

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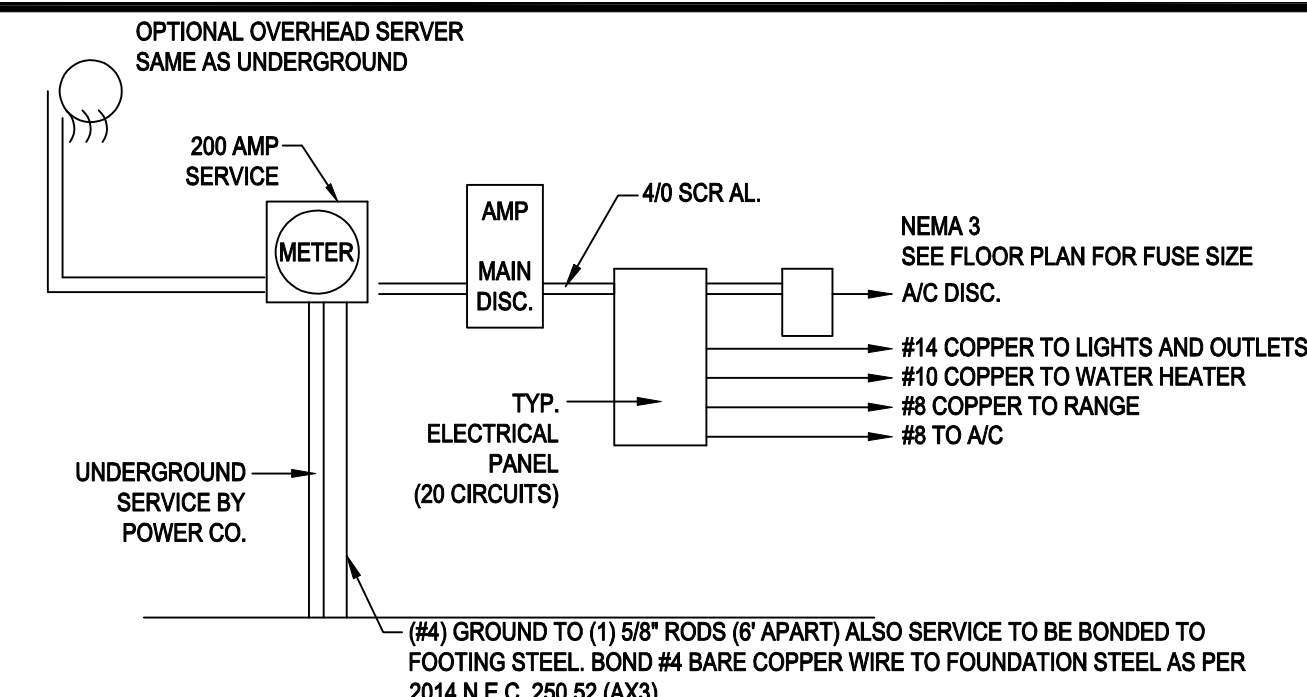
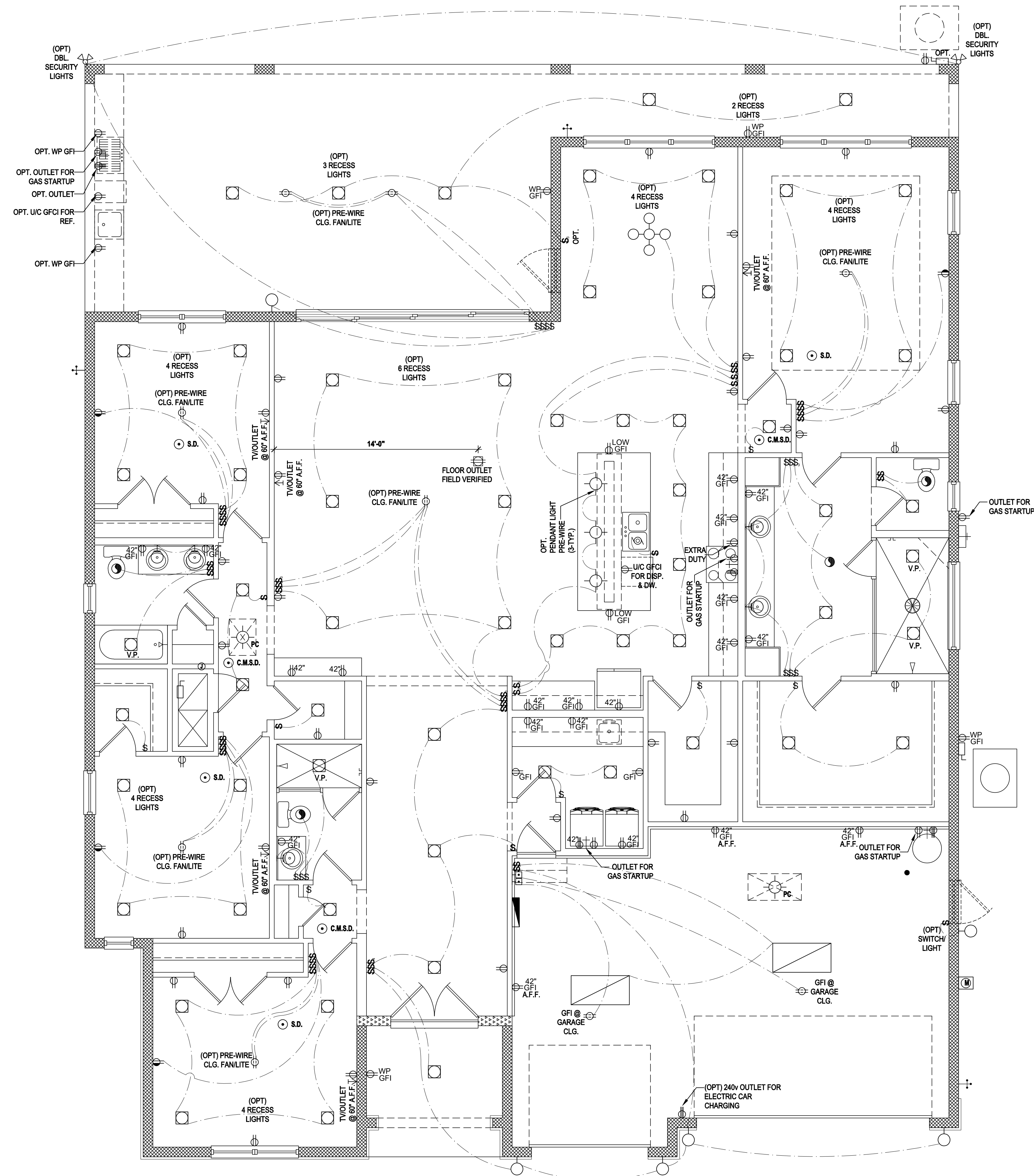
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ELECTRICAL LAYOUT
A5.C

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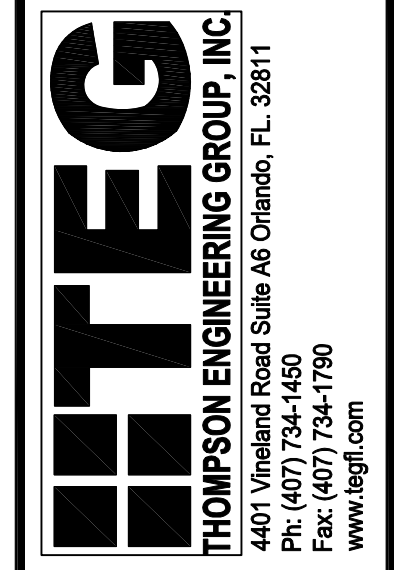
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Electrical Plan "C"

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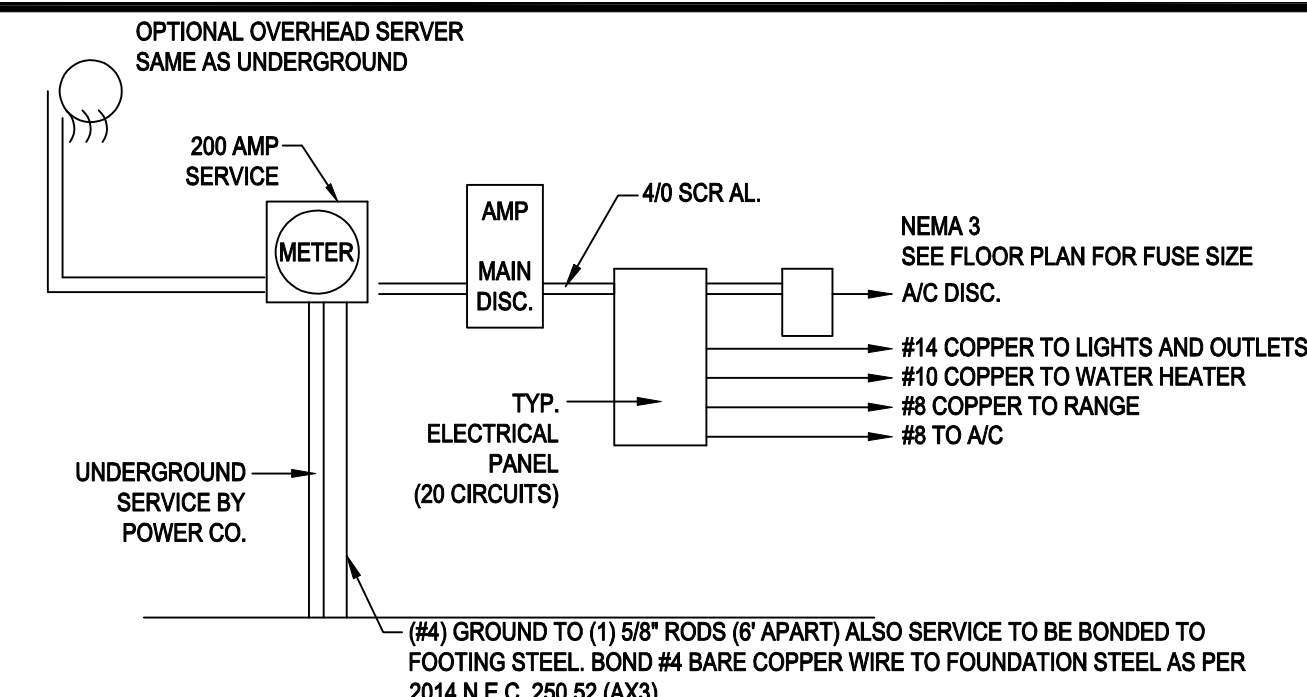
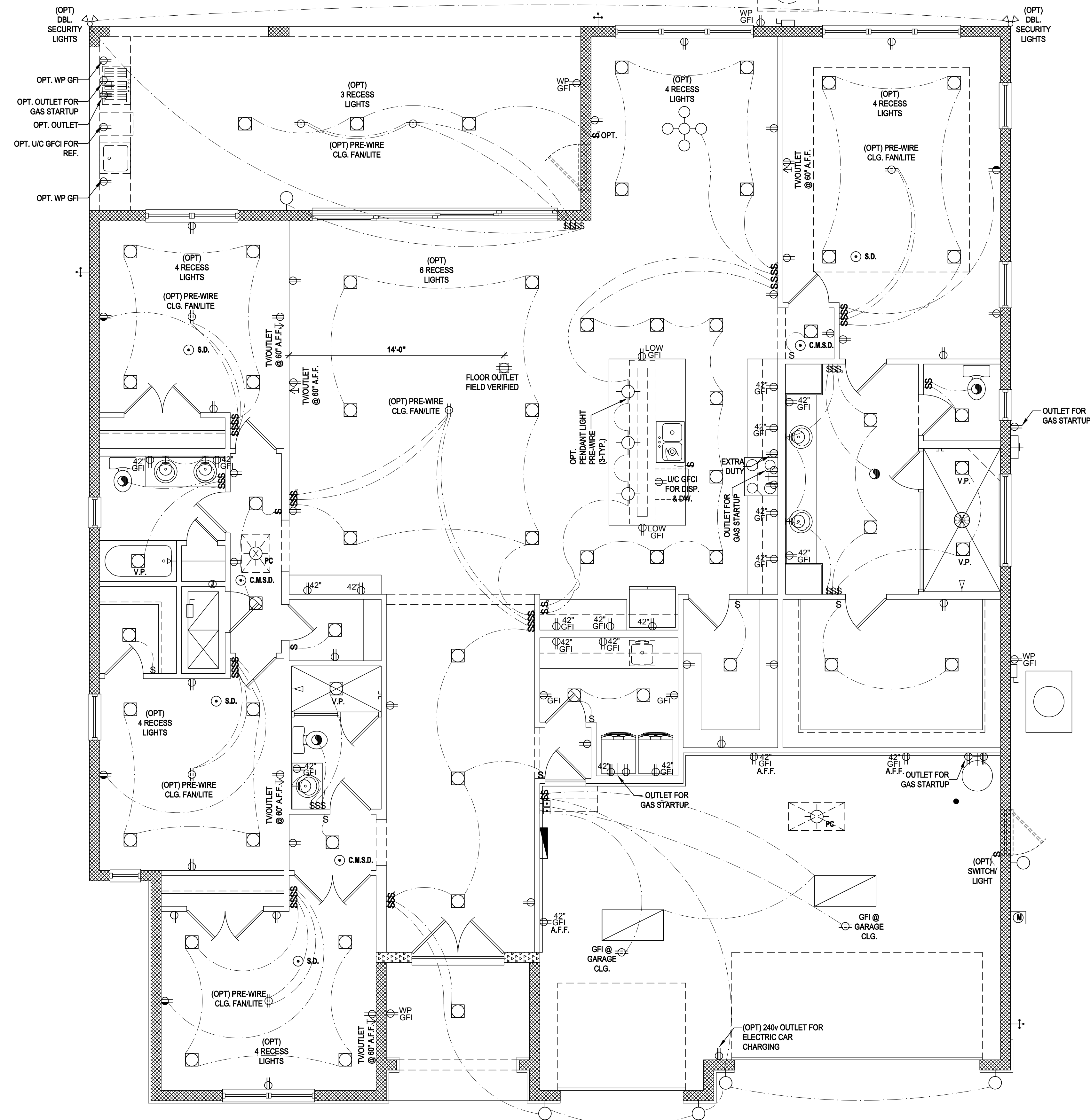
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ELECTRICAL LAYOUT
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Electrical Plan "C"

(Opt. Office)

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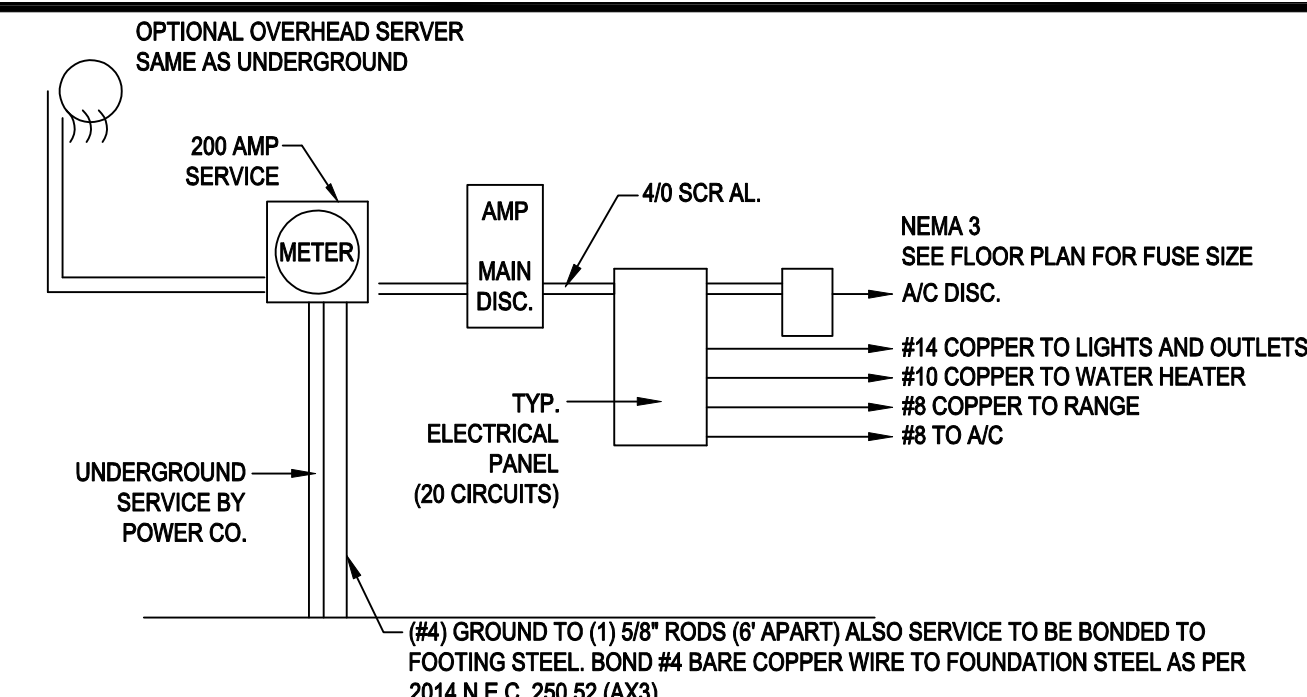
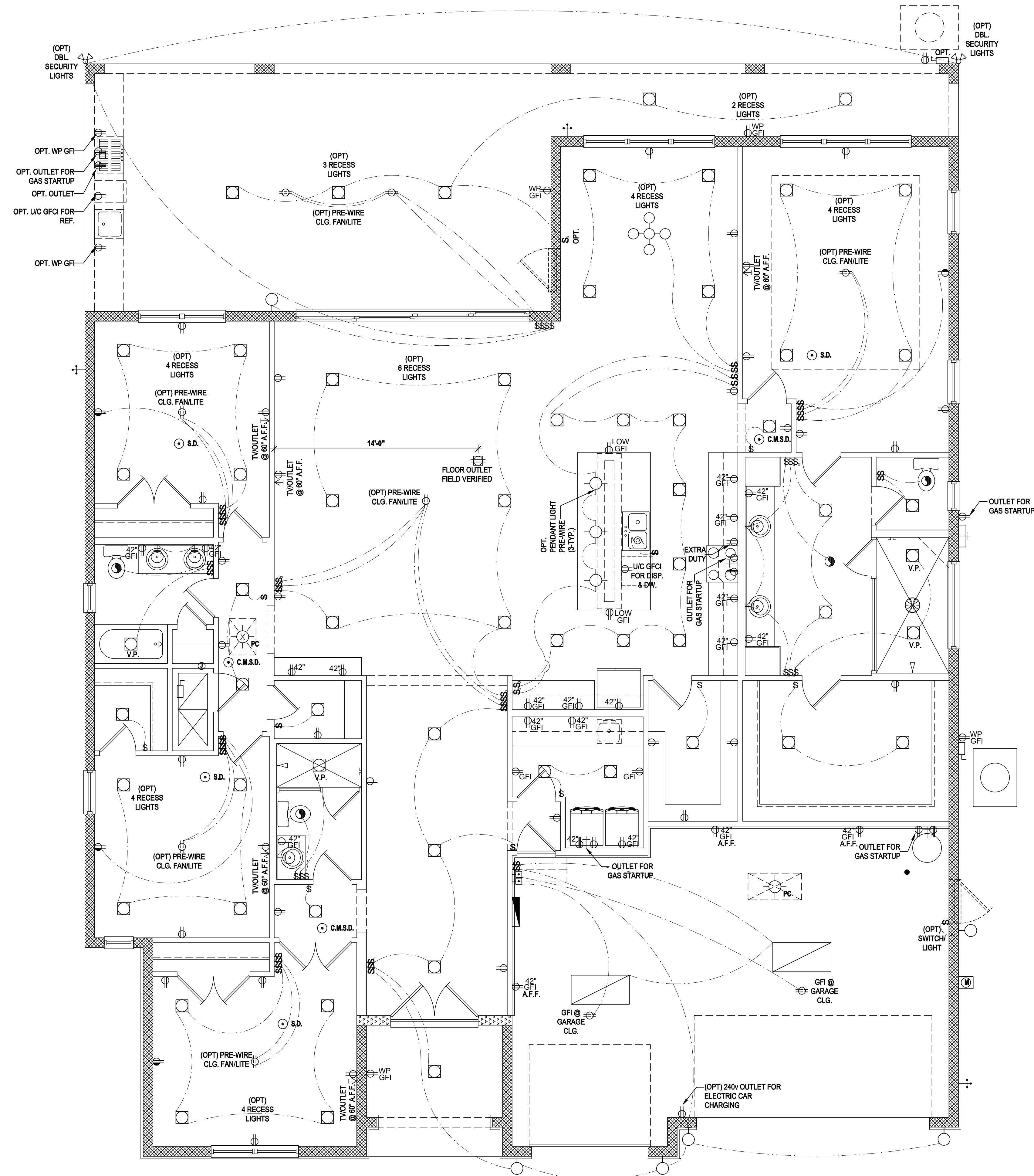
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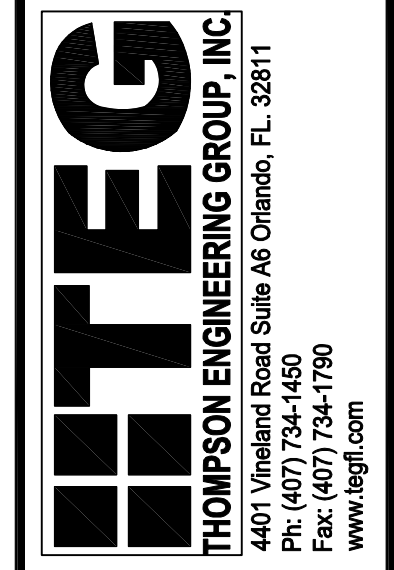
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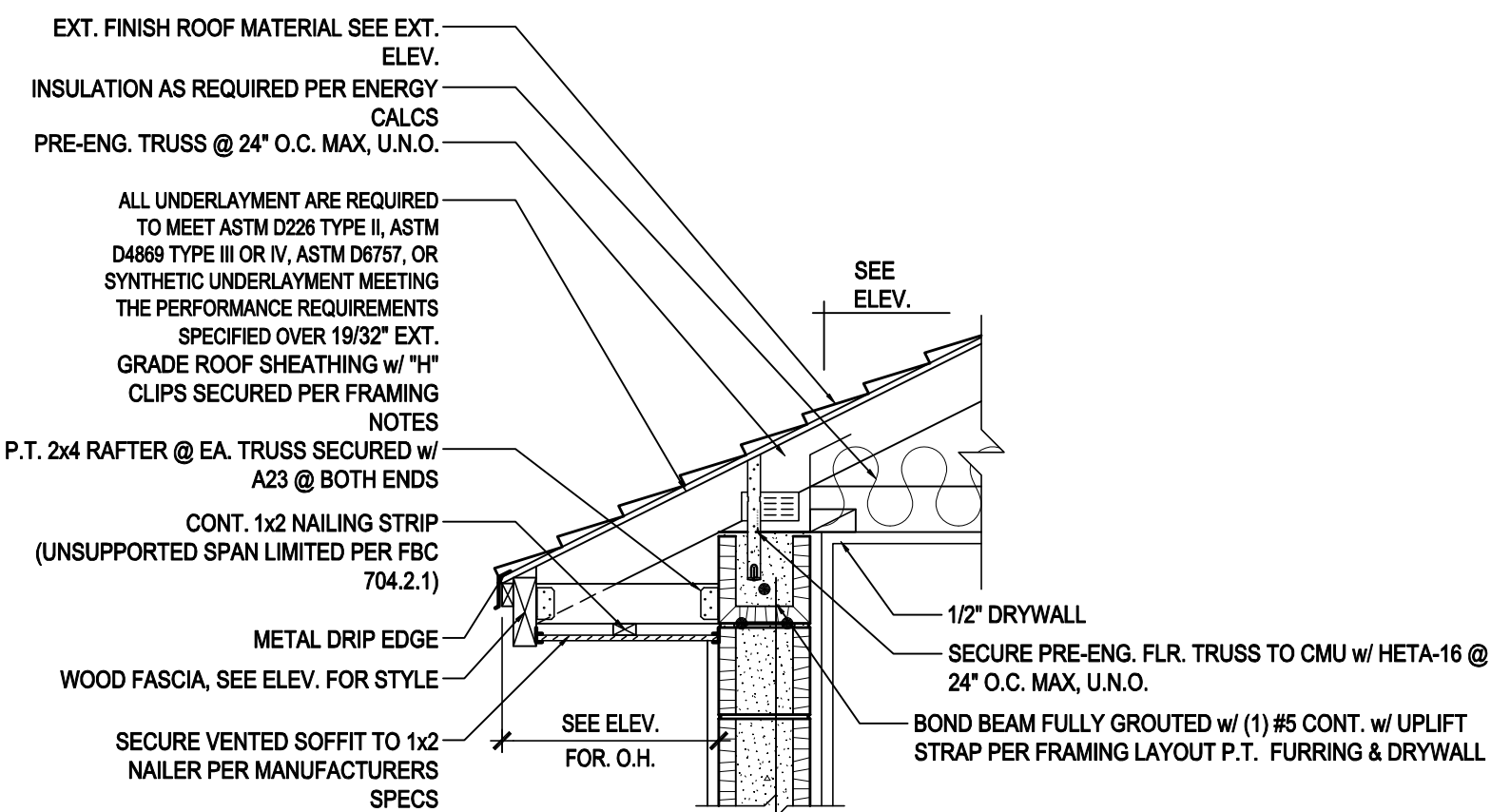


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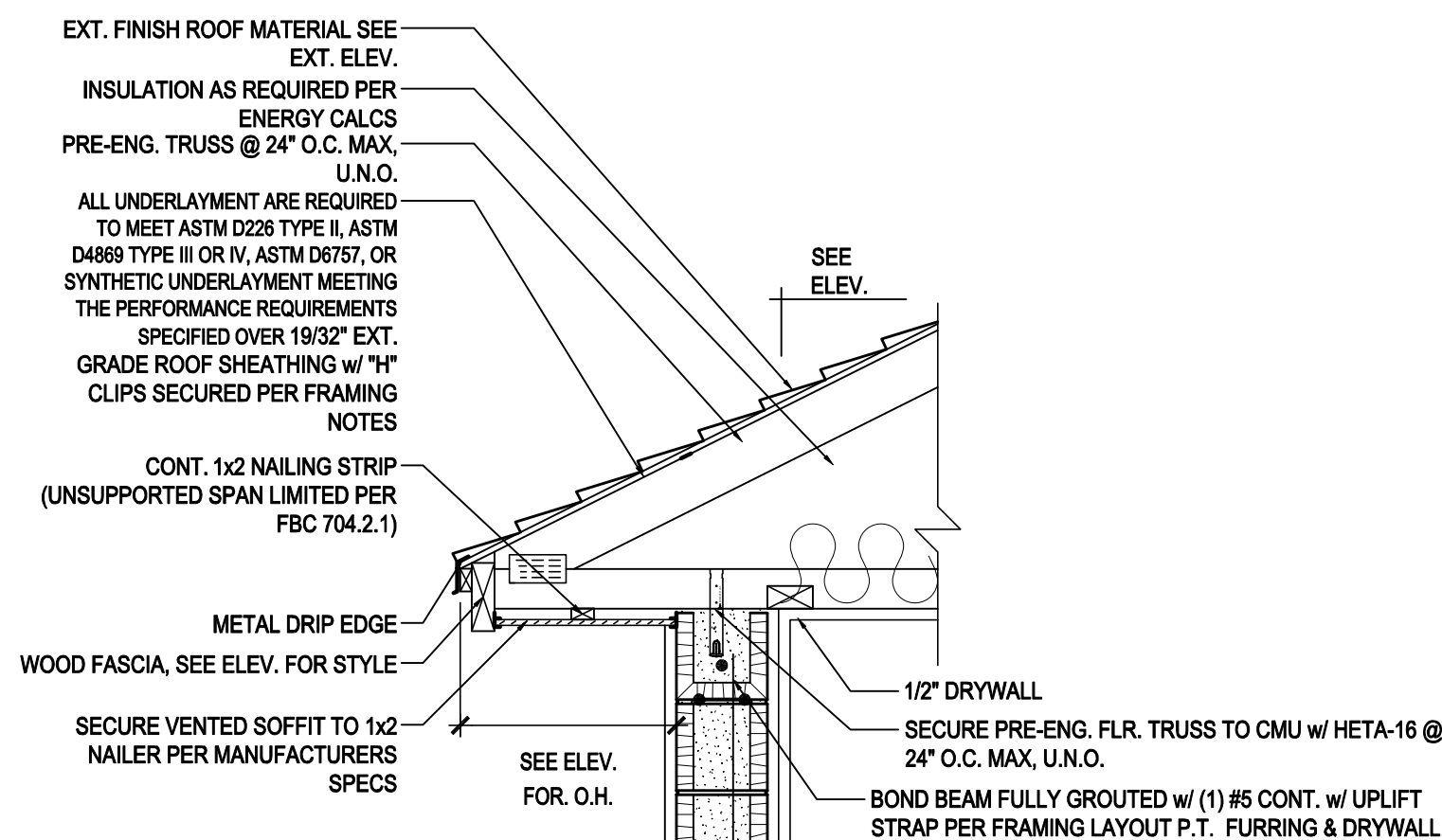
ELECTRICAL LAYOUT
A5.C3

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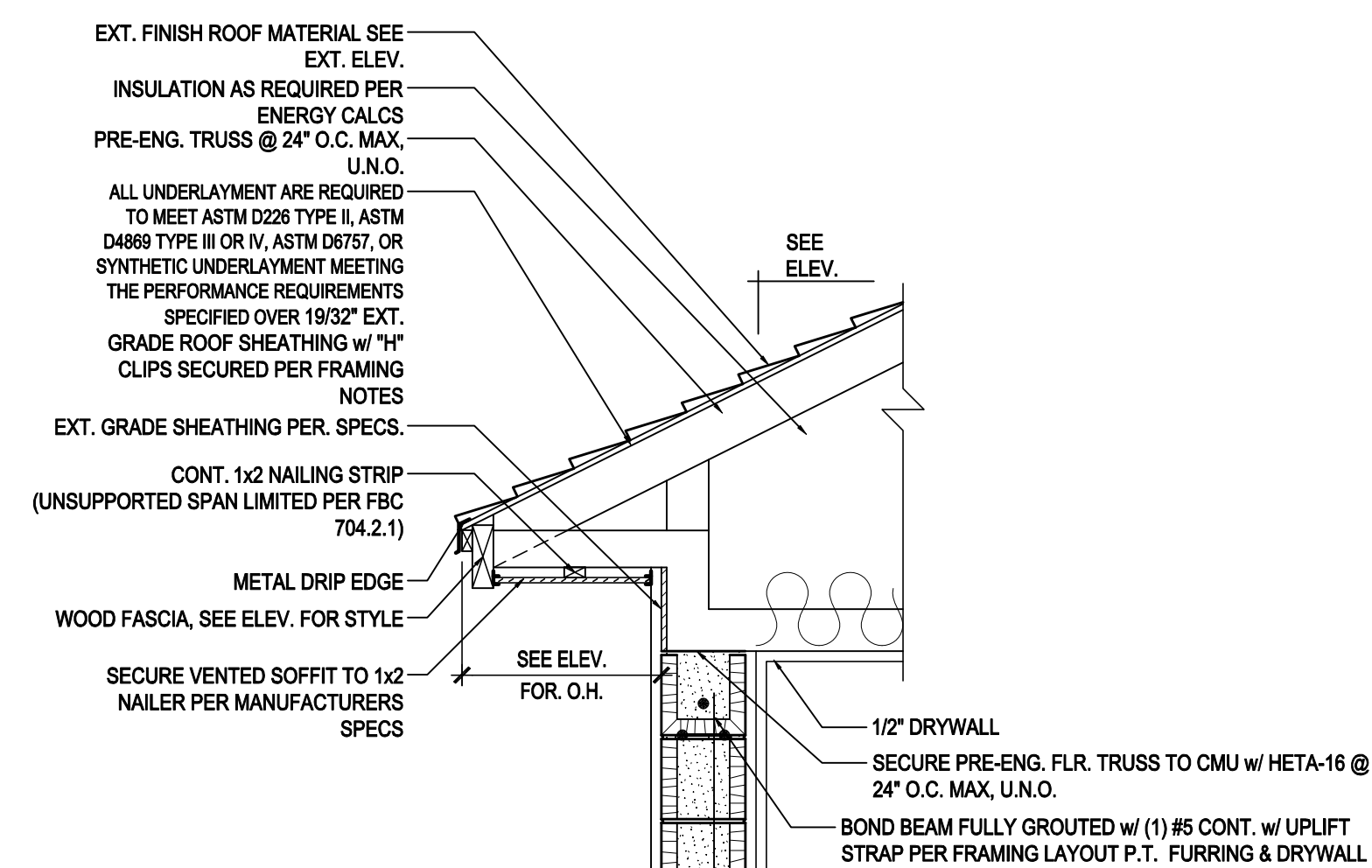
NOTE: ROOF UNDERLAYMENT SHALL COMPLY WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS IN ACCORDANCE WITH R905.33 - FBC 2020 7TH EDITION



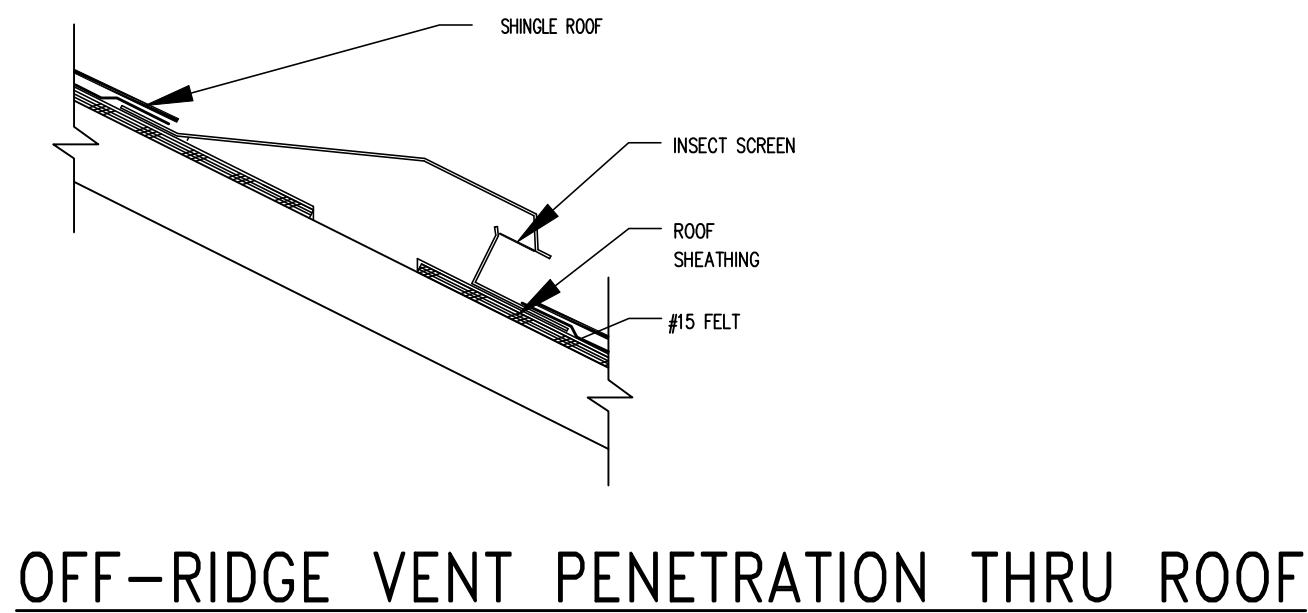
NOMINAL HEEL CONDITION



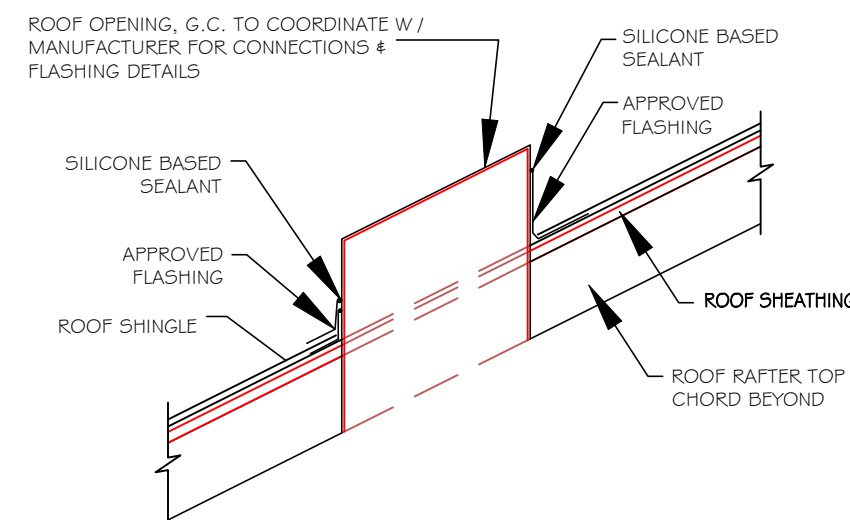
CANTILEVERED BTM. CHORD CONDITION



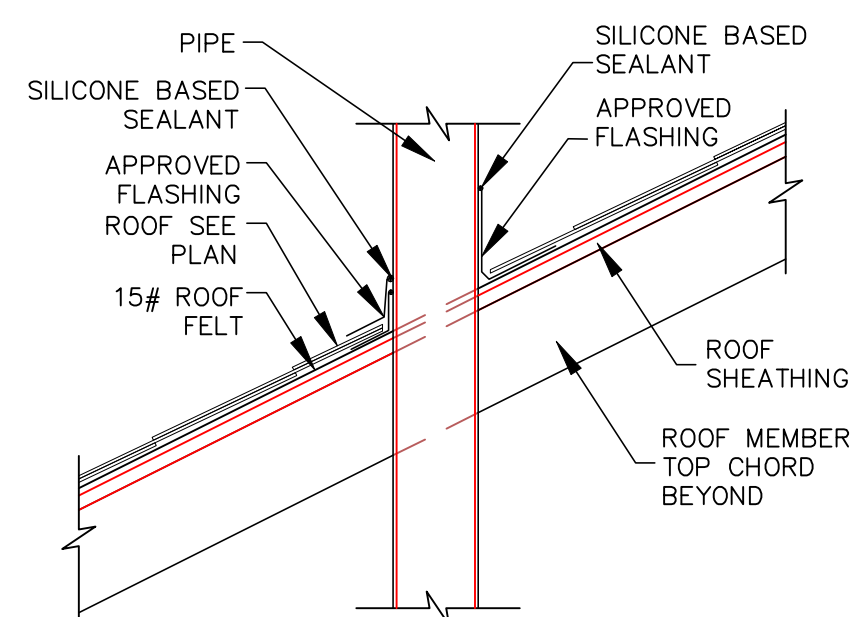
RAISED HEEL CONDITION



OFF-RIDGE VENT PENETRATION THRU ROOF



OPENING PENETRATION THRU ROOF

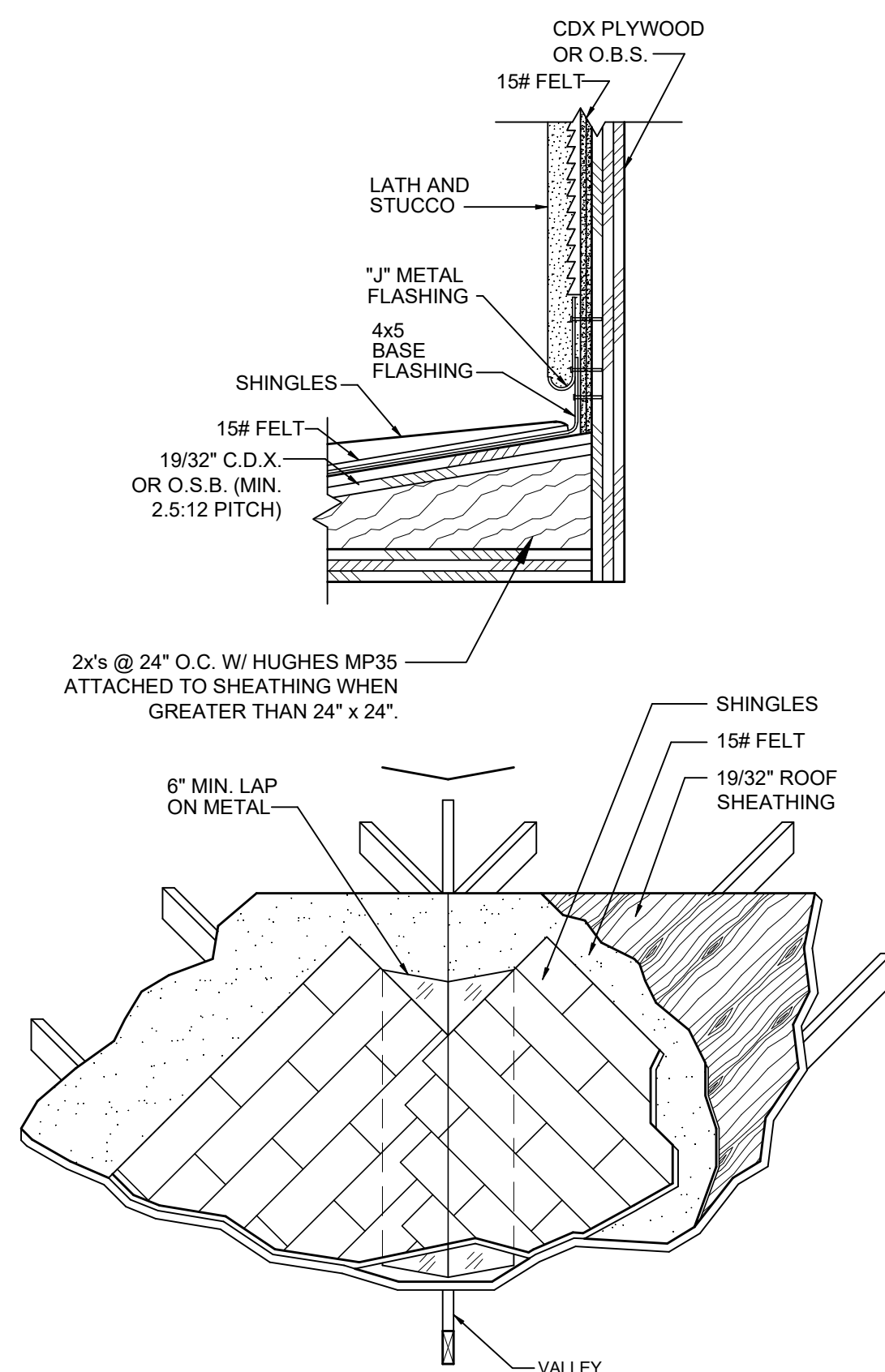


PIPE PENETRATION THRU ROOF

2 ROOF PENETRATION DETAIL

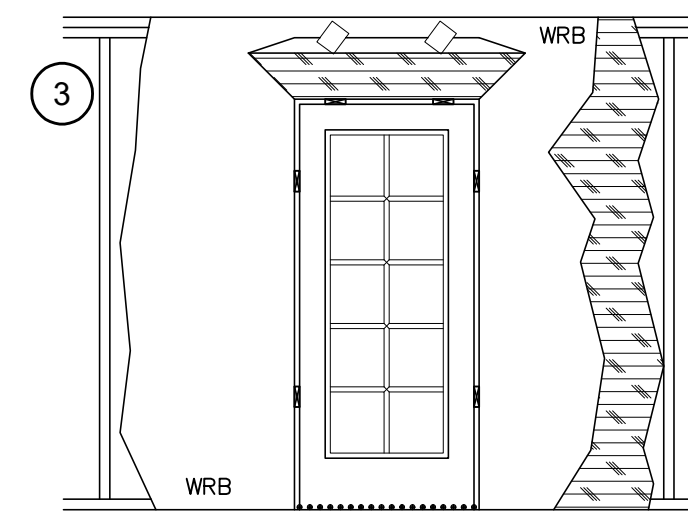
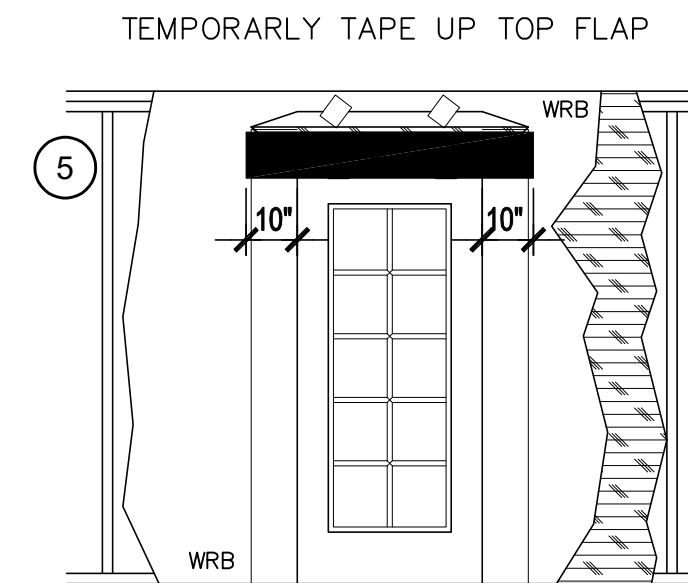
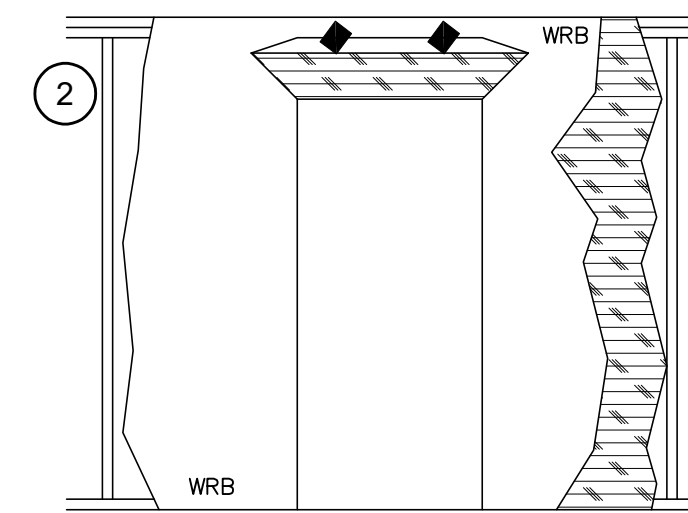
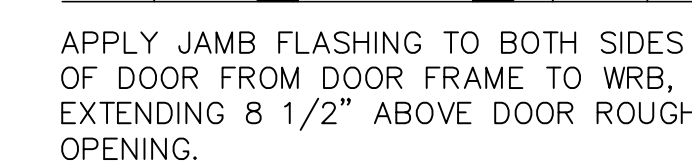
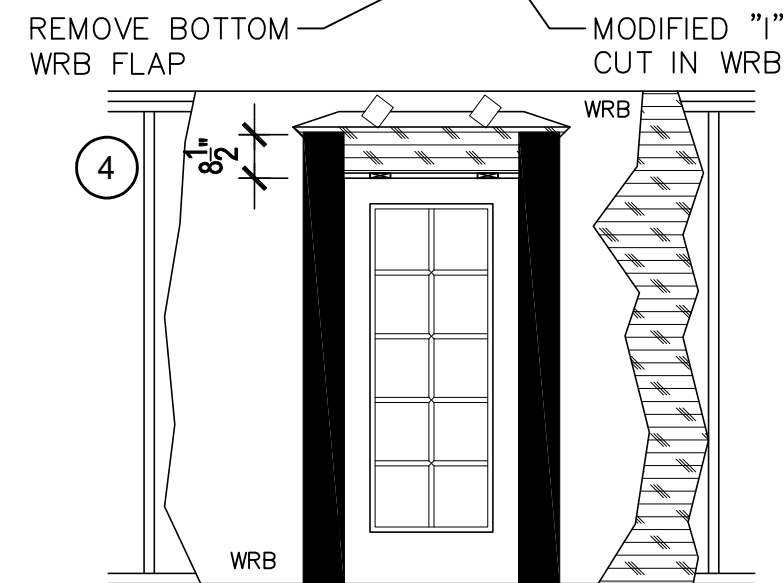
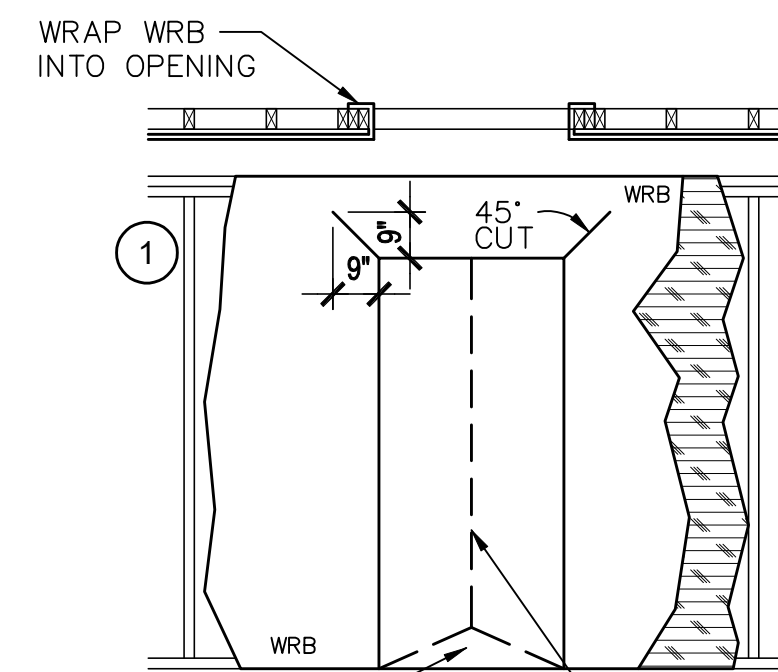
SCALE: N.T.S.

NOTE: FLASHING DETAIL TO COMPLY WITH R903.2 OF THE FBC 2020 - 7TH EDITION



3 CRICKET/FLASHING DETAIL

SCALE: N.T.S.



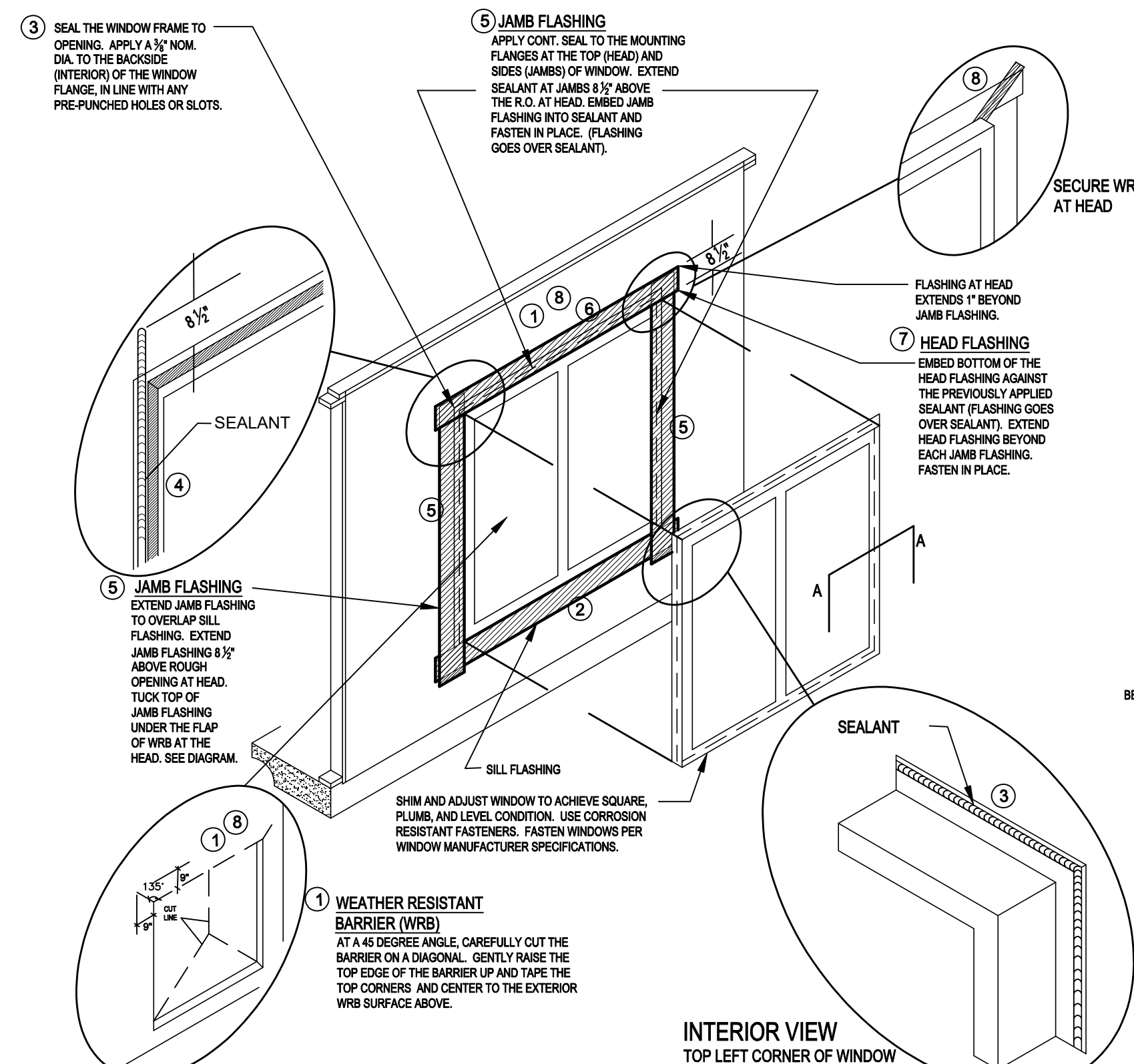
NOTE: ALL FLASHING WILL BE SELF ADHEARING AND ROLLED SMOOTH & FLAT WITH A J-ROLLER.

SCALE: N.T.S.

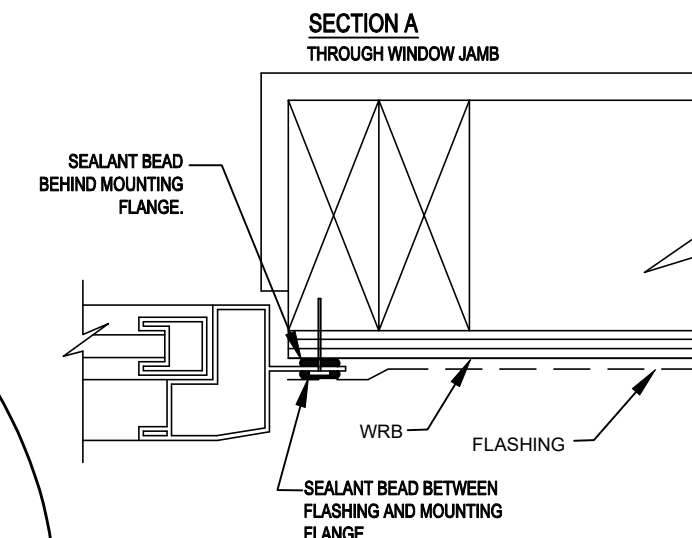
EXTERIOR DOOR FLASHING

WINDOW INSTALLATION (METHOD A-1) (ASTM E 2112-01)

WEATHER RESISTIVE BARRIER (WRB) APPLIED PRIOR TO THE WINDOW INSTALLATION. FLASHING APPLIED OVER THE FACE OF THE MOUNTING FLANGE.



- STEPS:
- 1 IN WATER SHEDDING FASHION, STARTING AT THE BASE OF THE WALL & WORKING TOWARDS THE TOP, INSTALL THE WRB TO THE FACE OF THE SHEATHING.
 - 2 APPLY SILL FLASHING
 - 3 APPLY BEAD OF SEALANT AT BACK OF WINDOW FLANGE & SET WINDOW USING PAN HEAD SCREWS TO FACILITATE INSPECTION.
 - 4 APPLY BEAD OF SEALANT AT SIDE JAMBS. EXTEND 8 1/2"
 - 5 APPLY JAMB FLASHING
 - 6 APPLY BEAD OF SEALANT AT HEAD
 - 7 APPLY HEAD FLASHING
 - 8 REMOVE PREVIOUSLY APPLIED TAPE, ALLOWING WRB TO LAY FLAT OVER HEAD FLASHING. APPLY NEW SHEATHING TAPE OVER DIAGONAL CUT - SEE DIAGRAM.
- NOTE: STEPS 4 AND 6 ARE NOT REQUIRED WHEN USING SELF-ADHERING TYPE FLASHING



INTERIOR VIEW TOP LEFT CORNER OF WINDOW

1 SOFFIT OVERHANG DETAIL

SCALE: N.T.S.

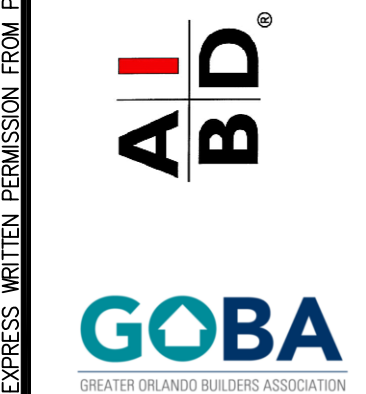
WINDOW FLASHING "METHOD A-1"

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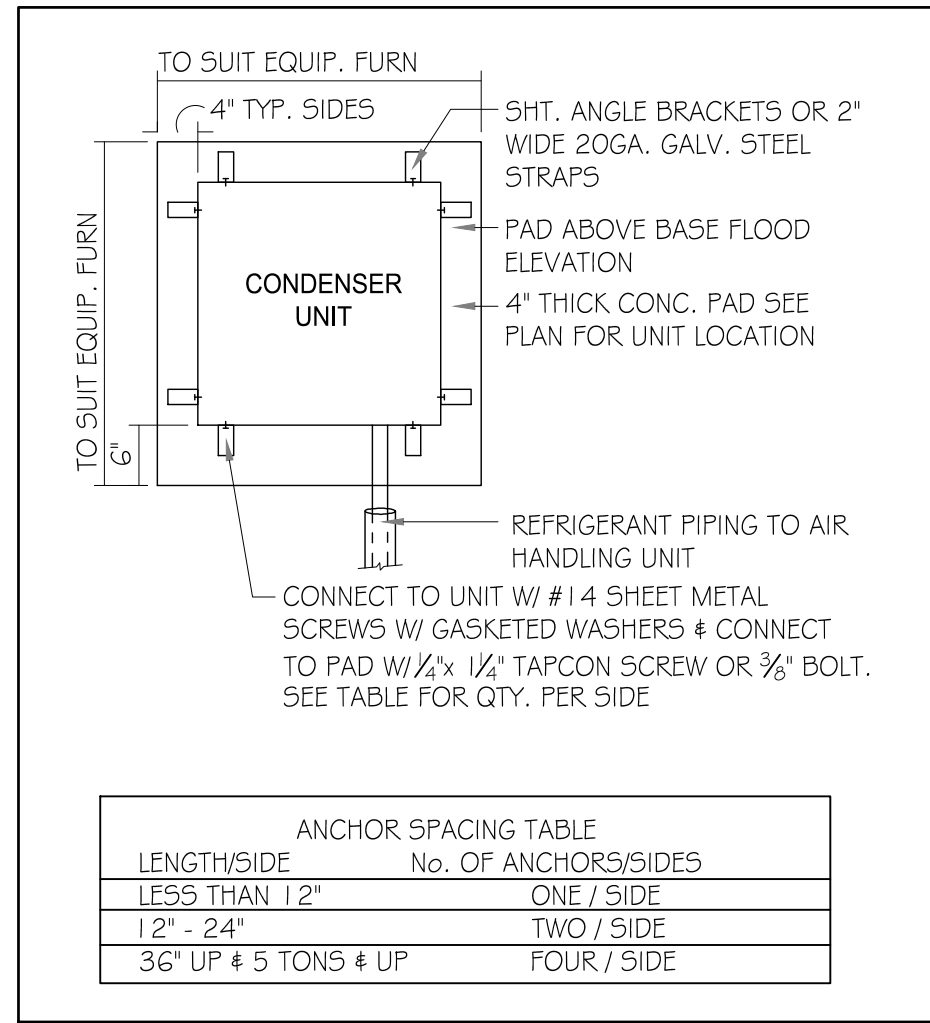
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DETAILS
A6



ANCHOR SPACING TABLE	
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FIELD REPAIR NOTES

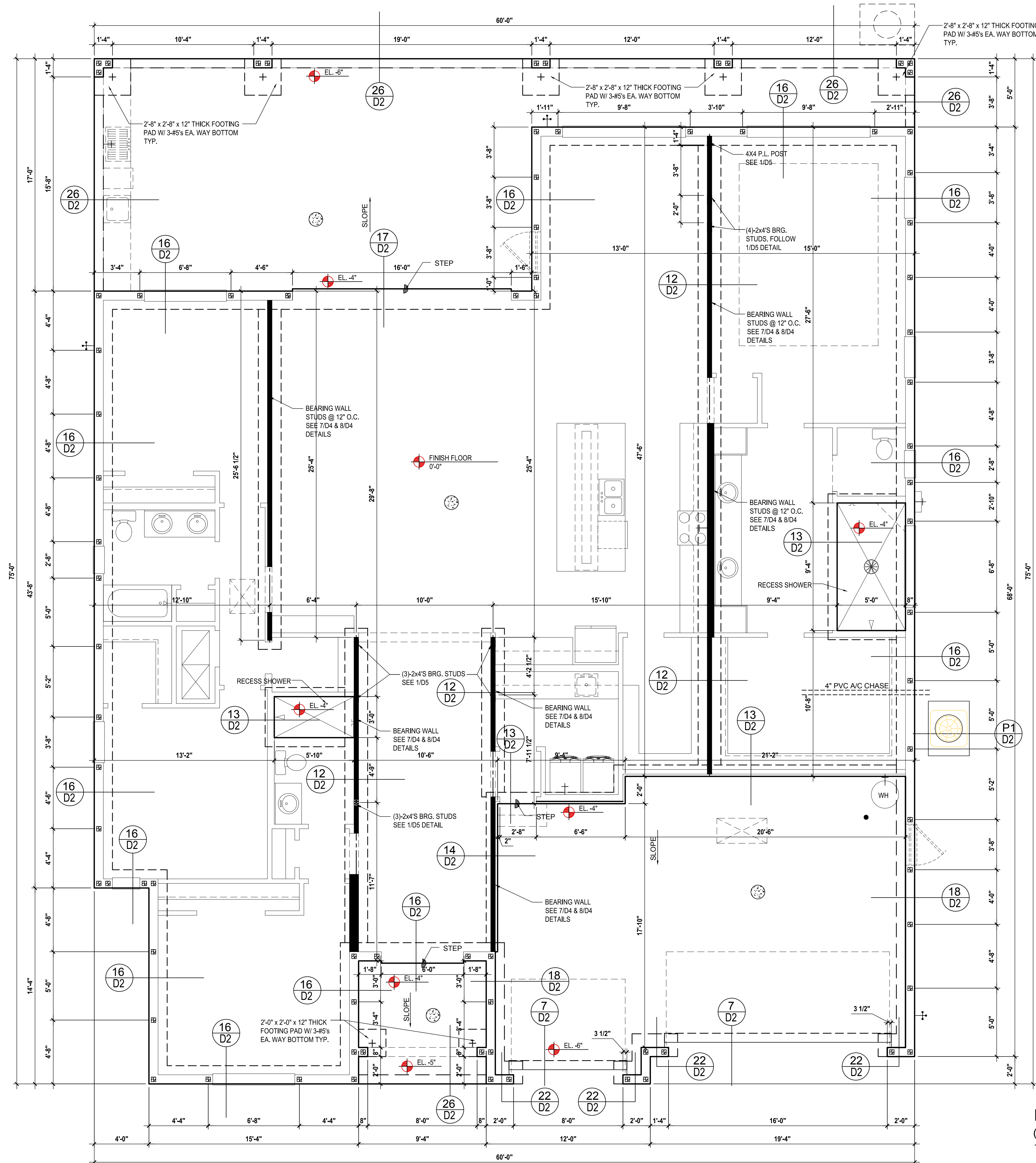
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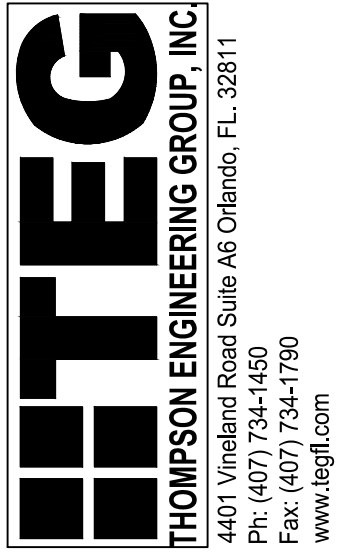
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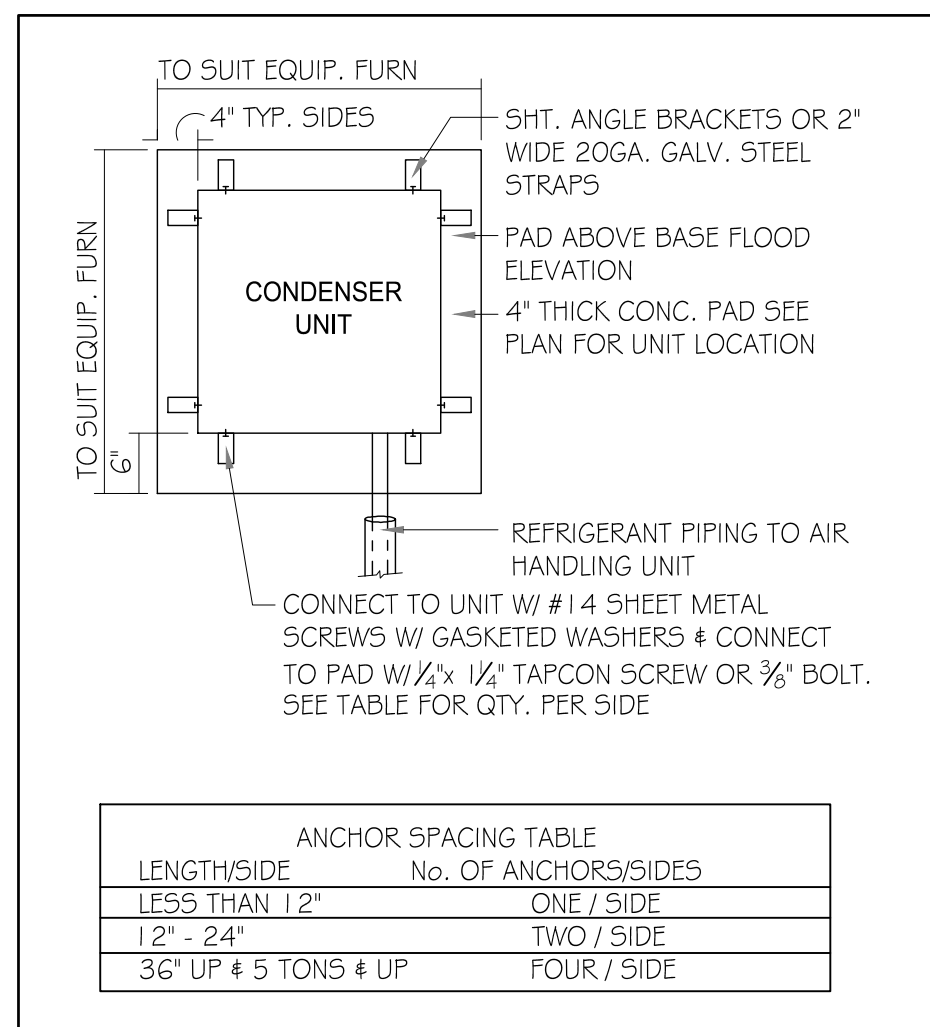
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FLOOR PLAN
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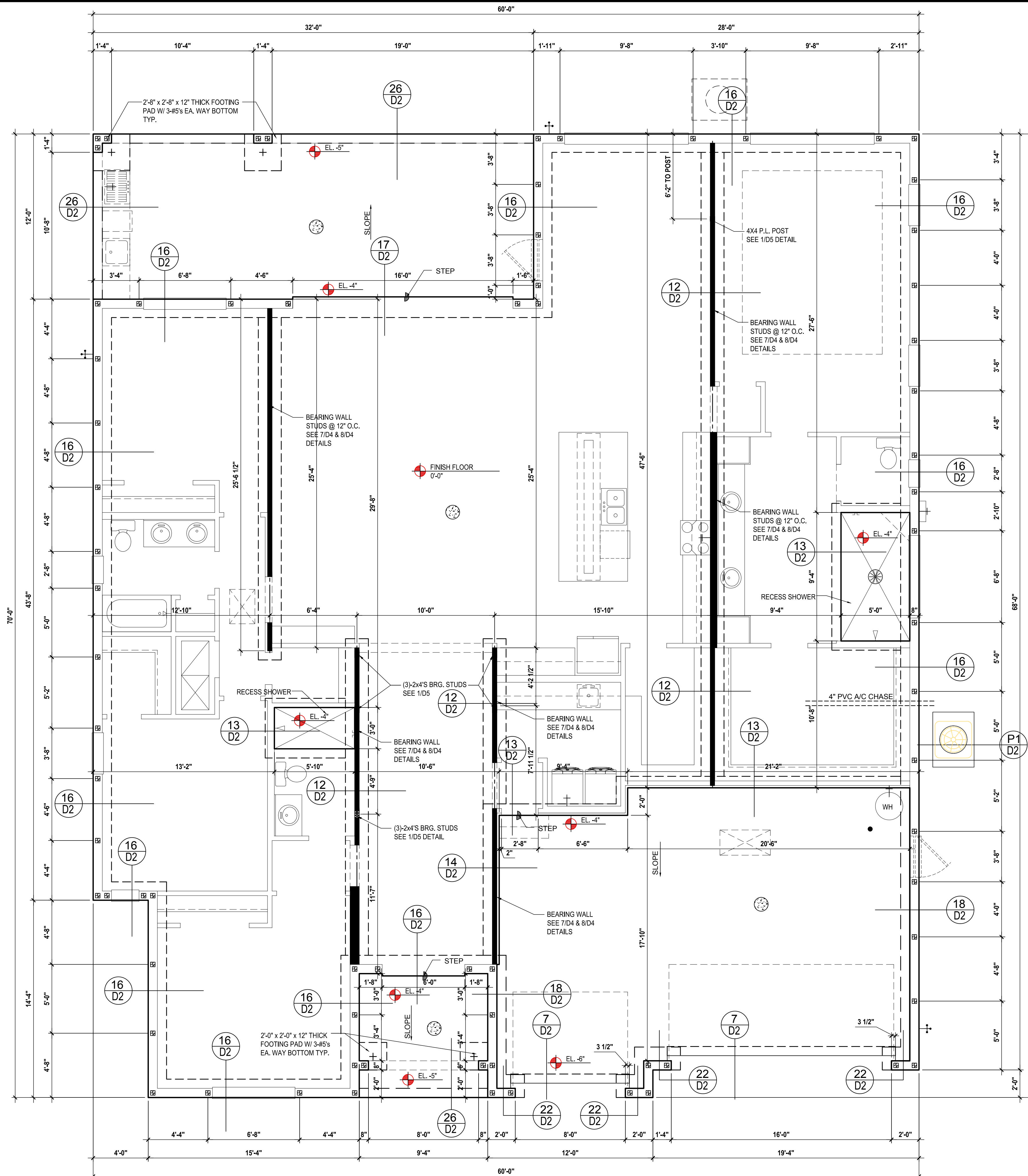
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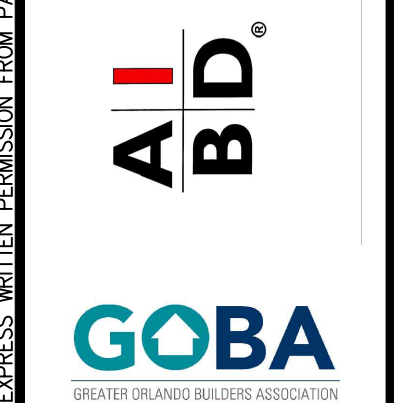
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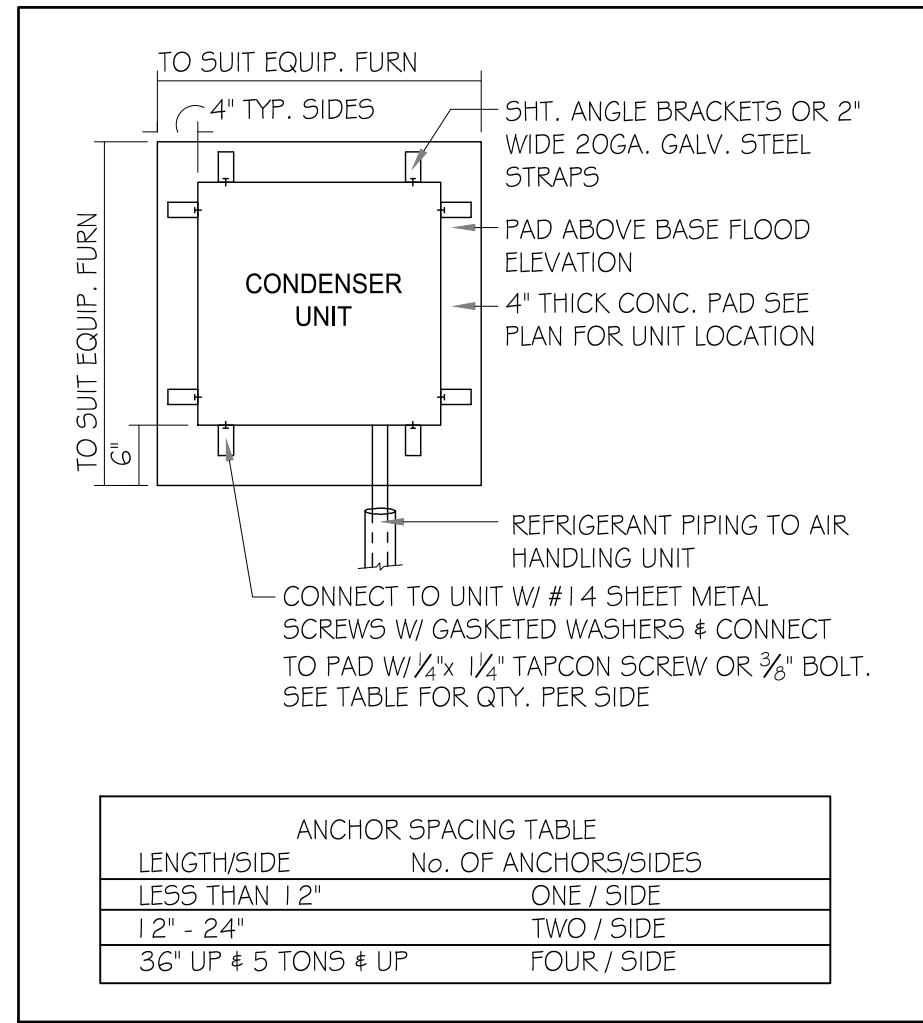
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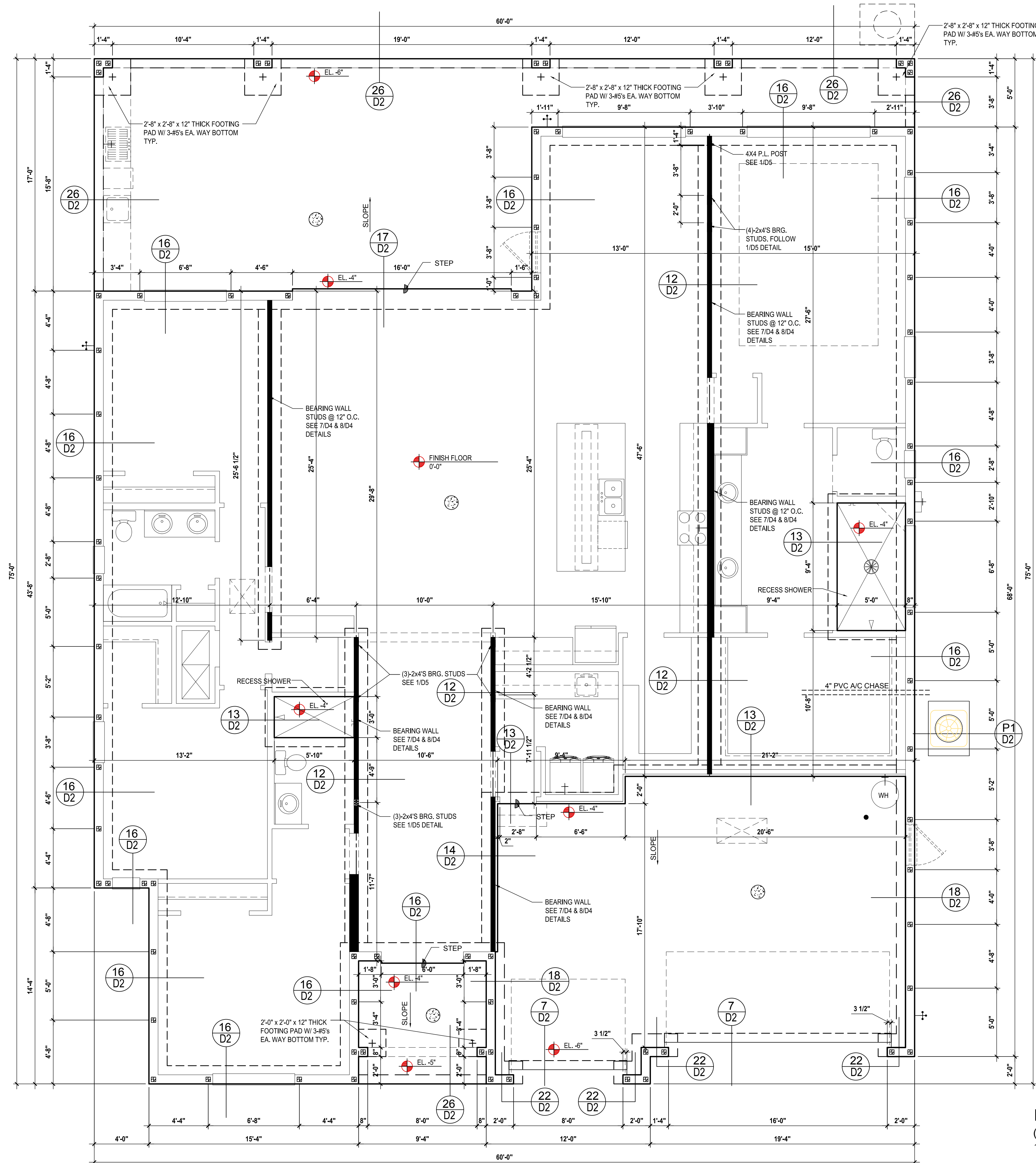
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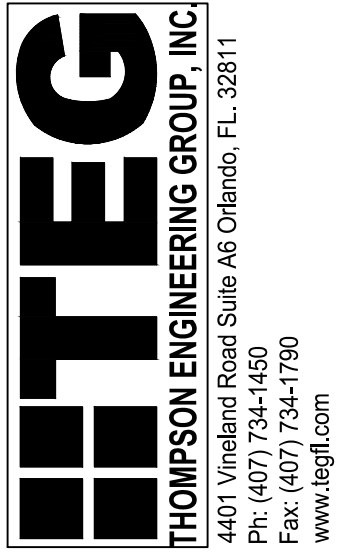
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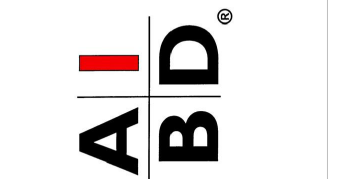
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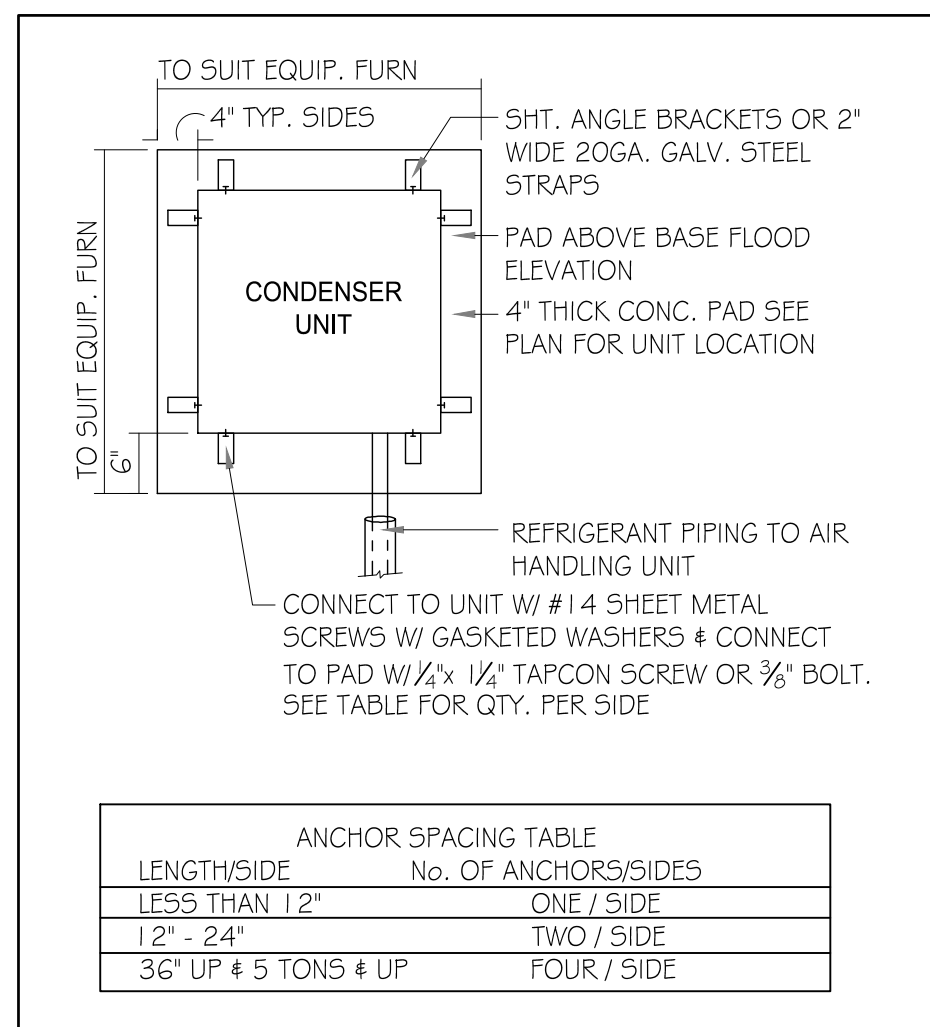
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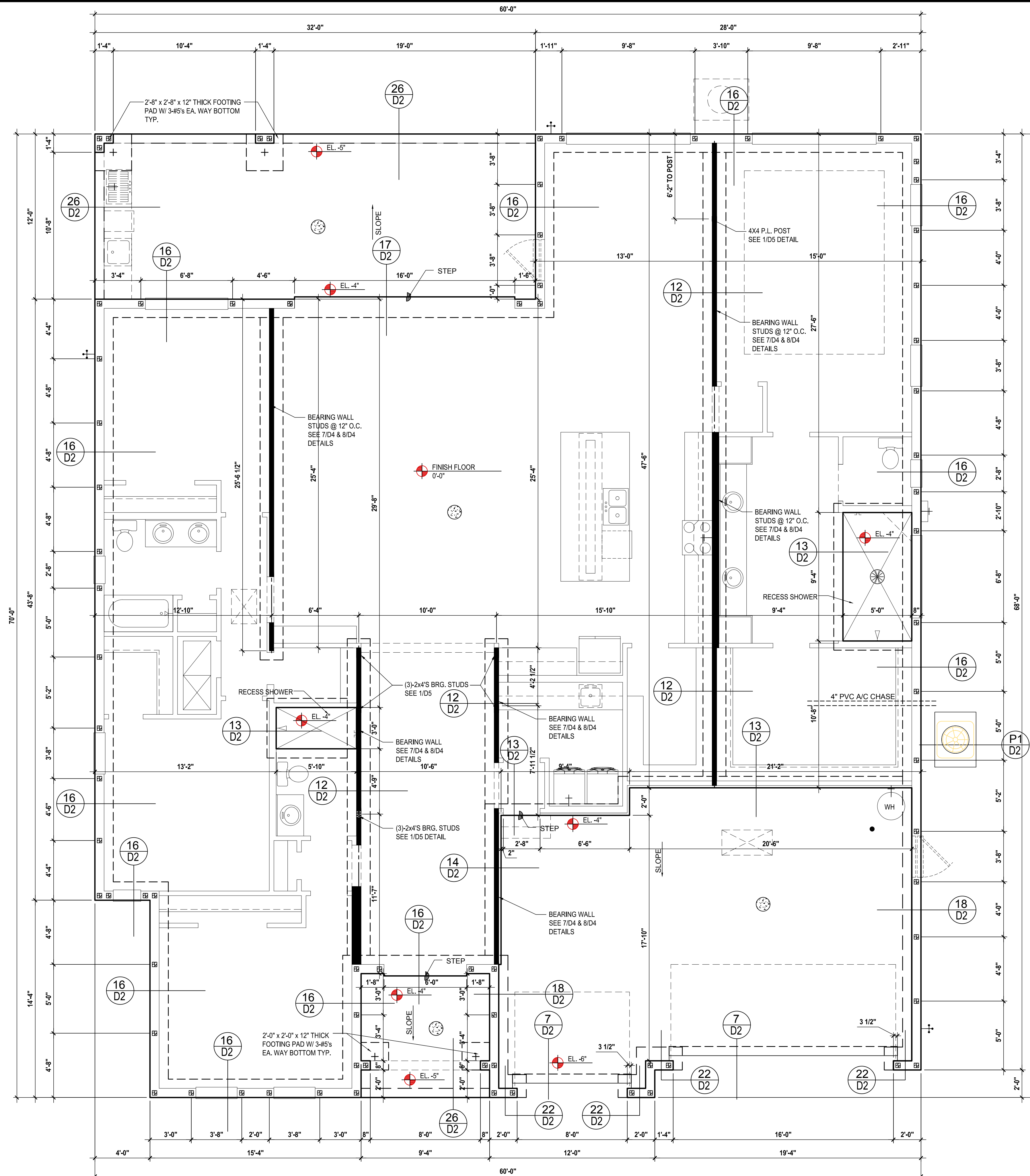
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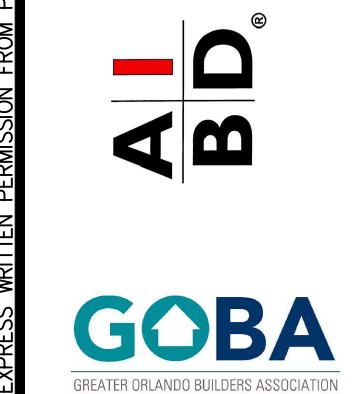
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FOUNDATION PLAN "B"
(STANDARD)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)



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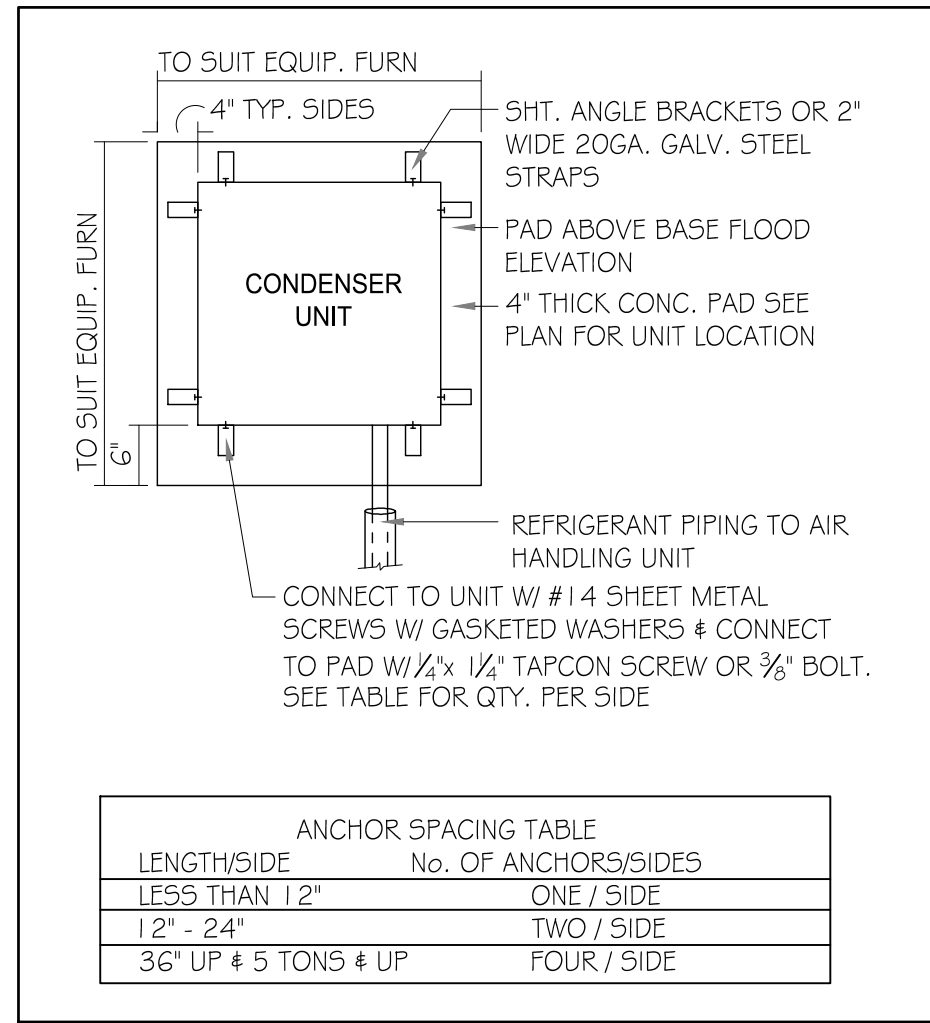
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DRAWN BY:	C.C.
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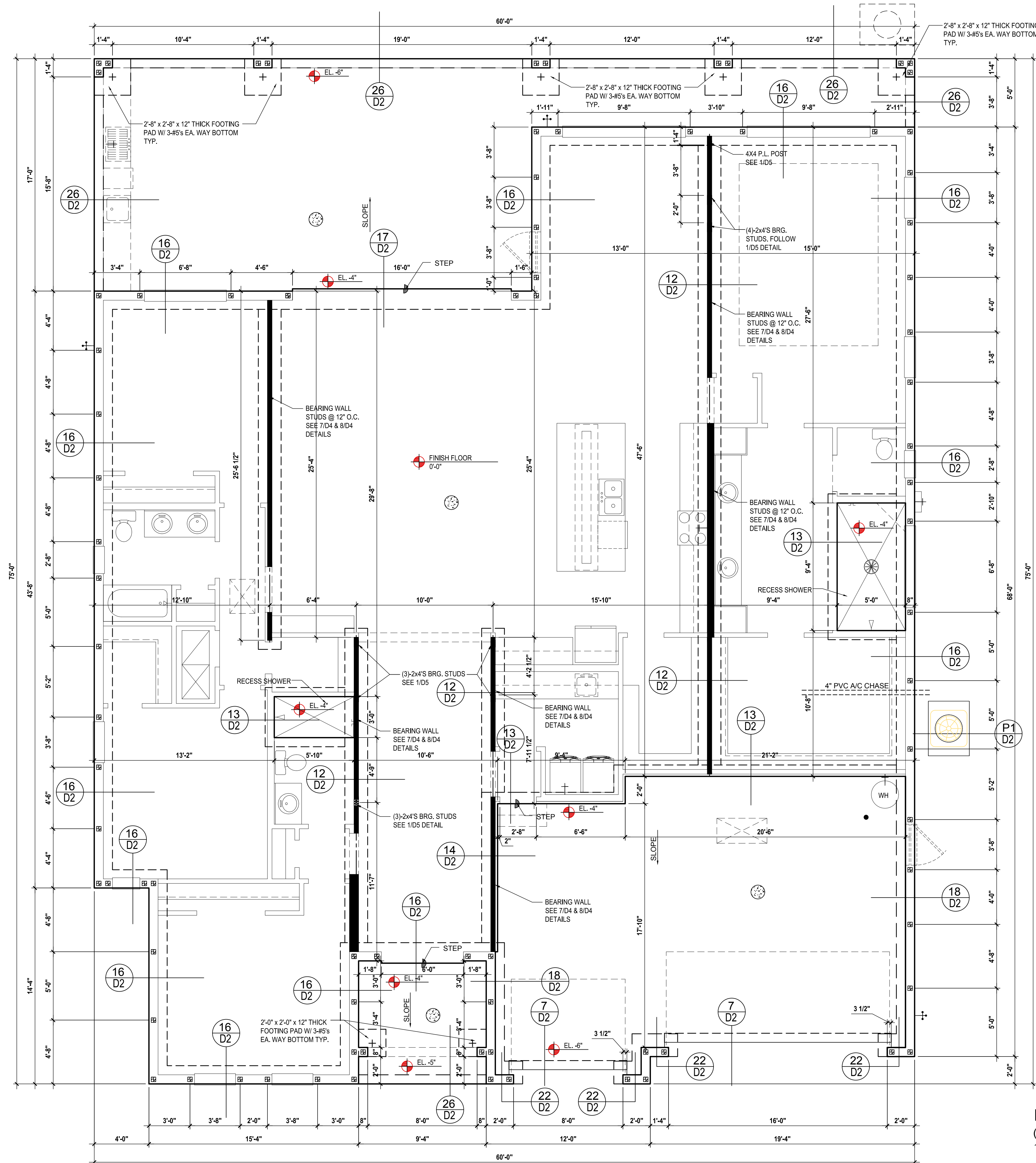
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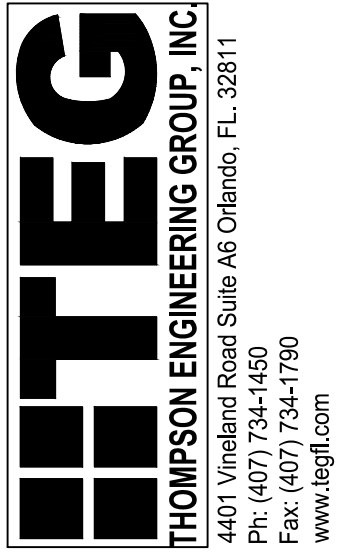
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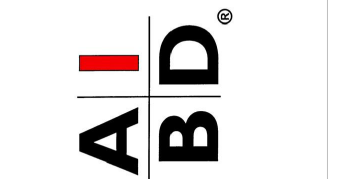
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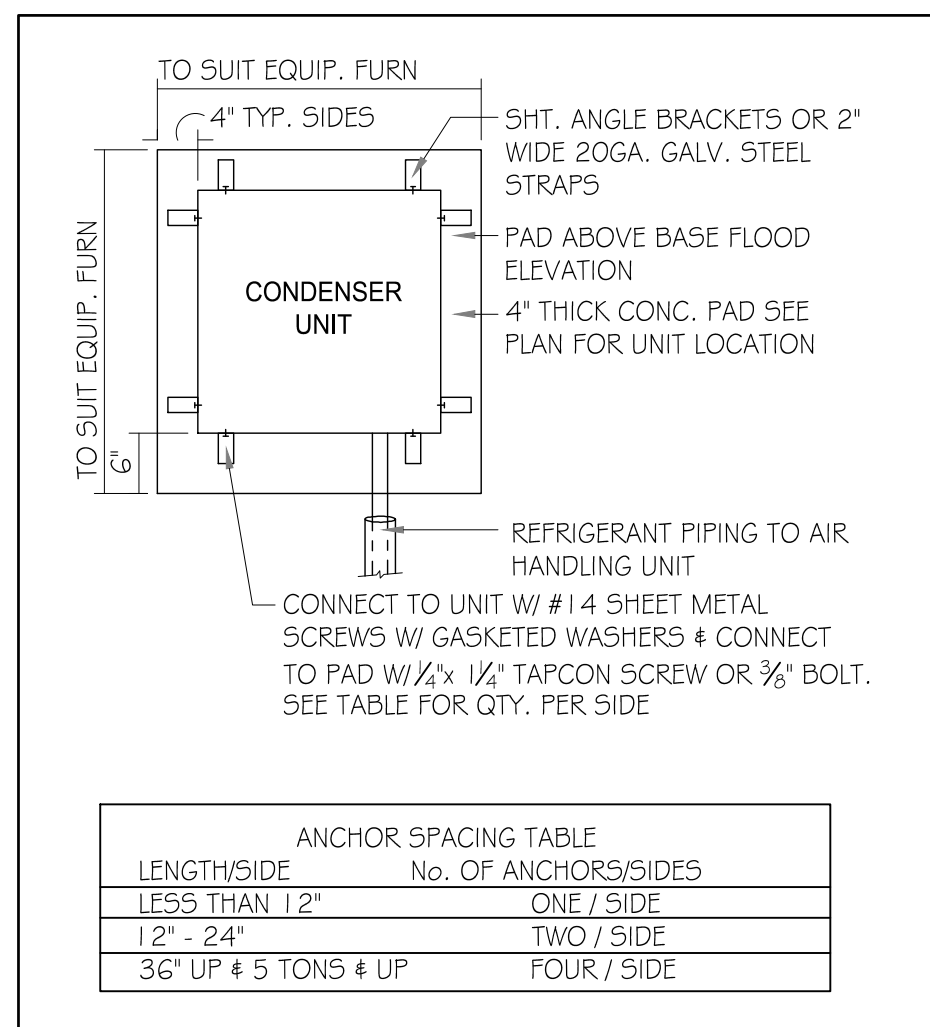
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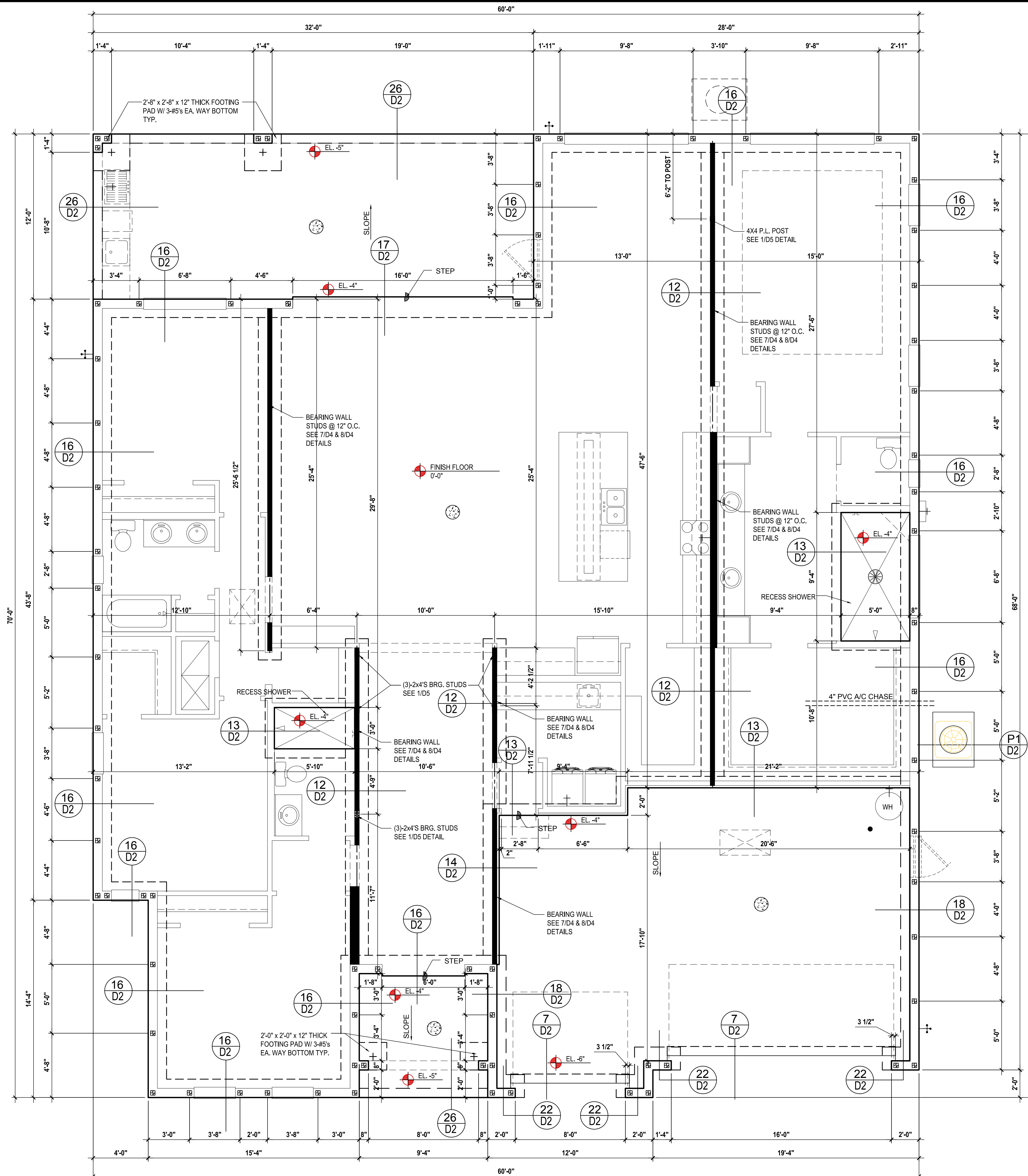
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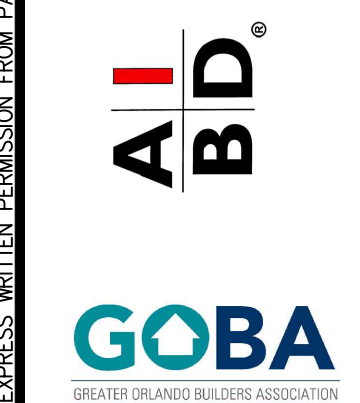
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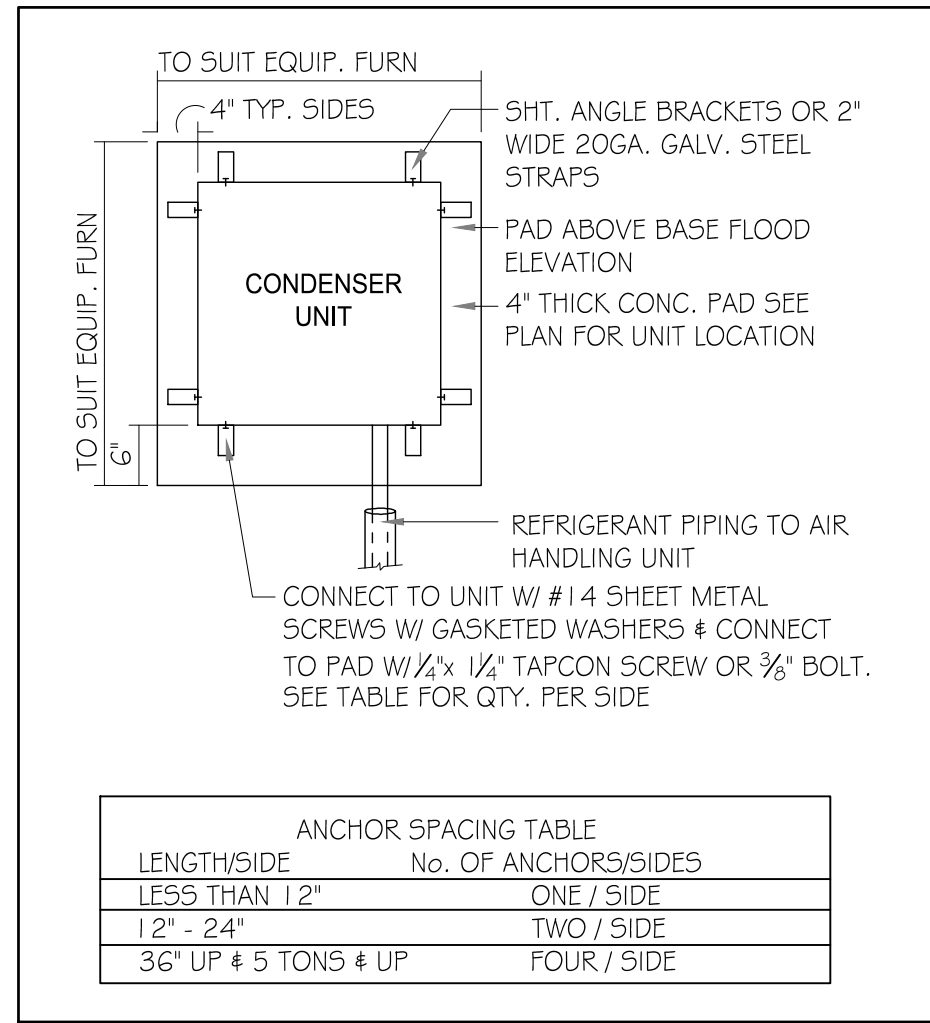
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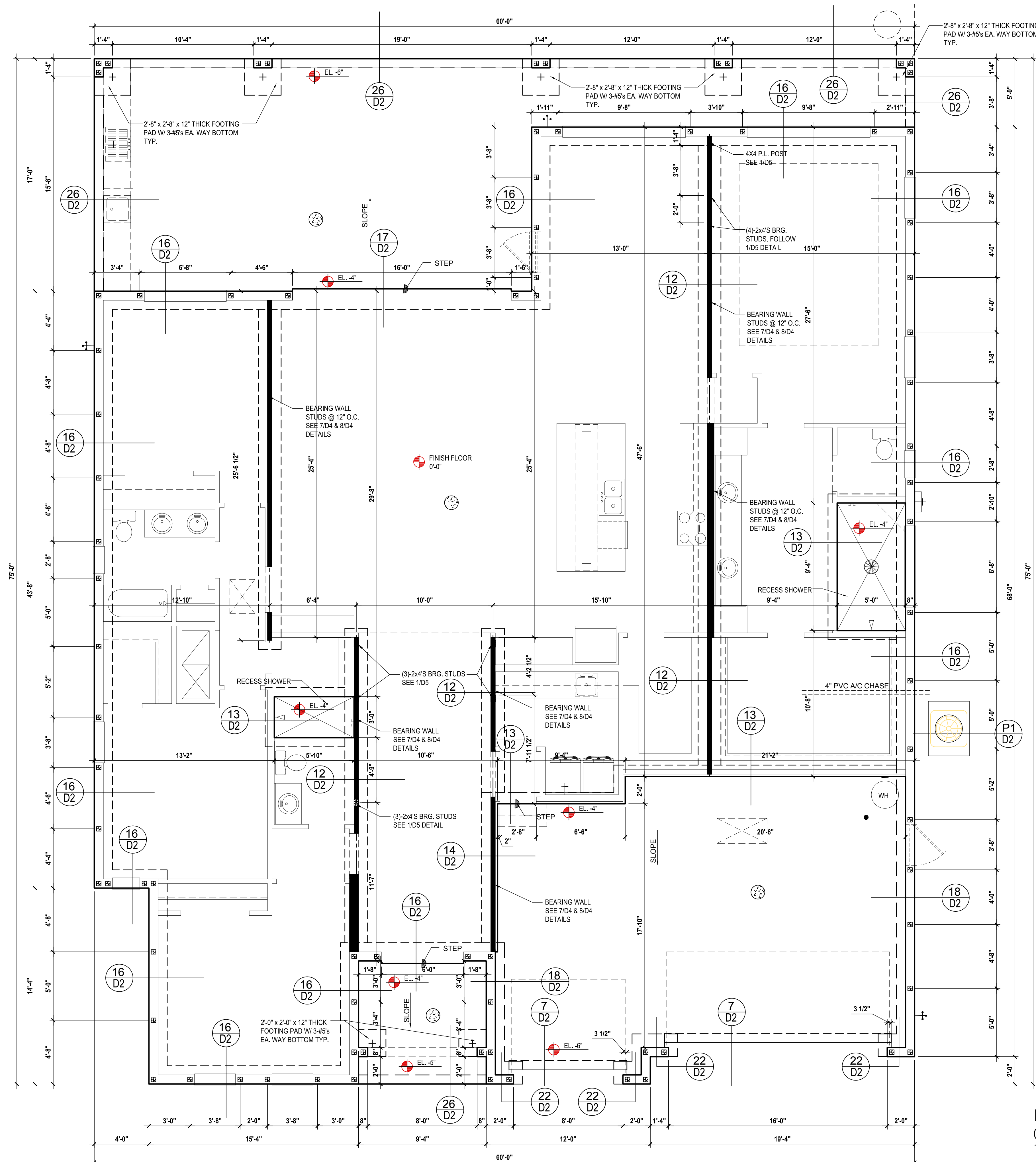
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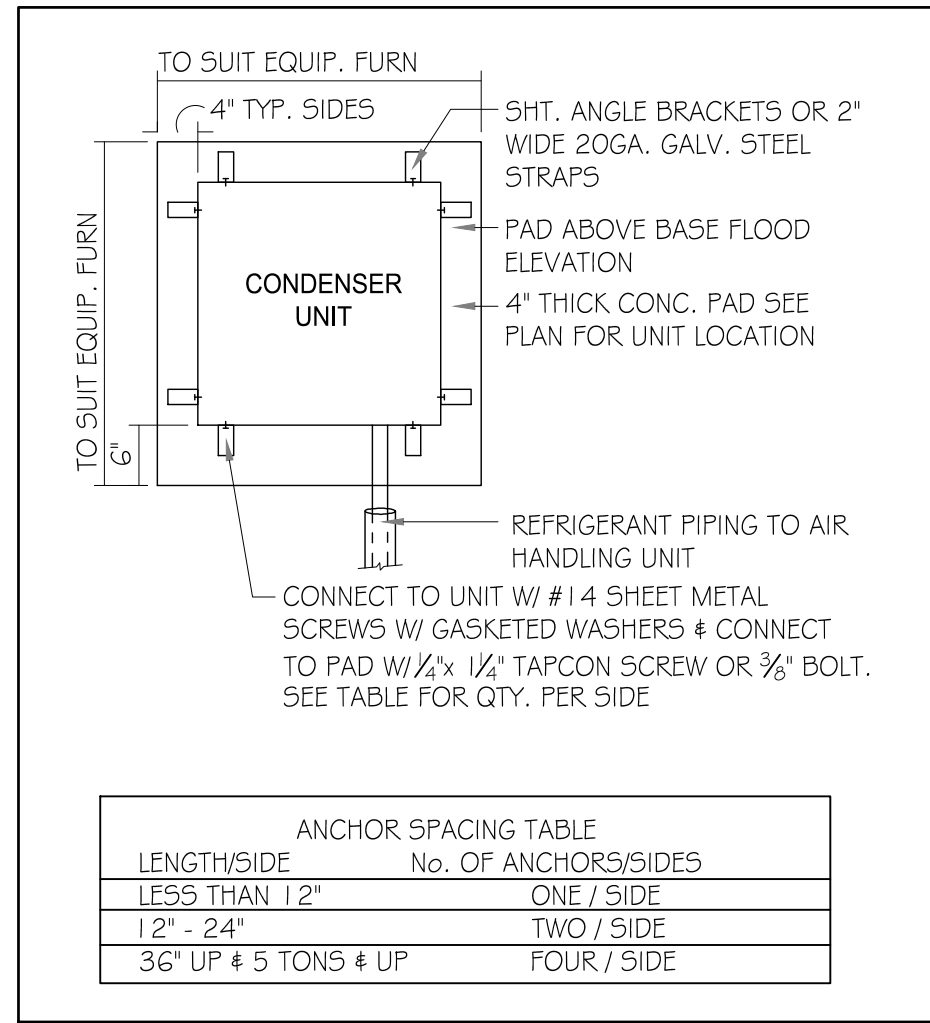
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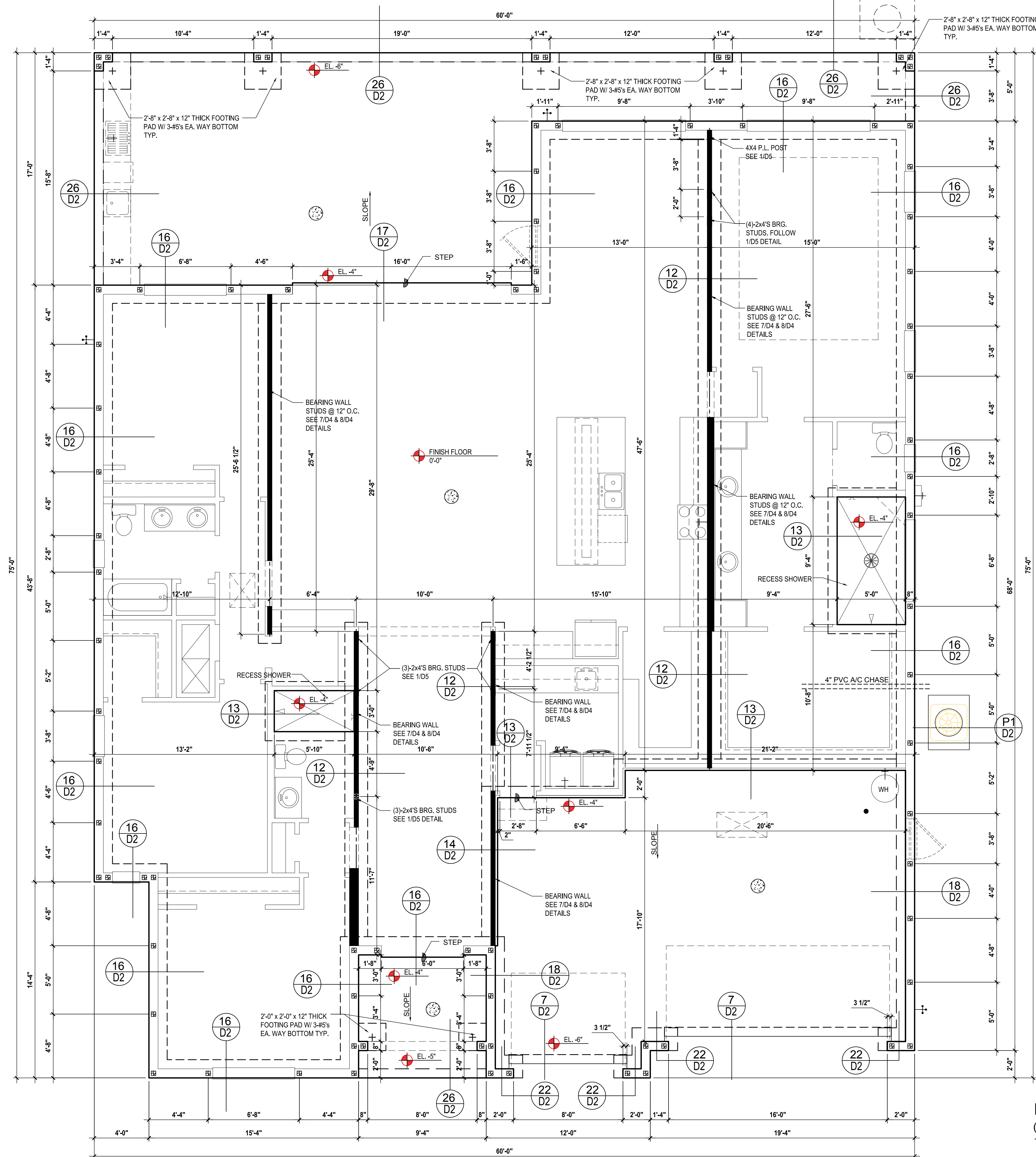
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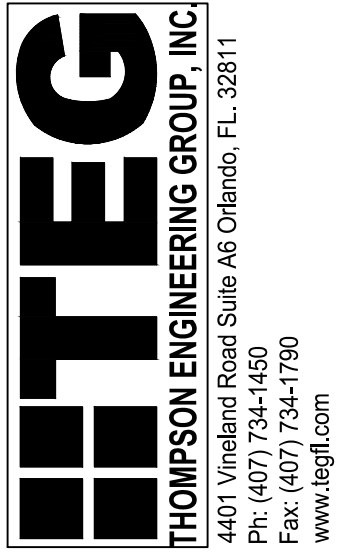
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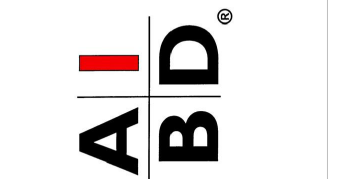
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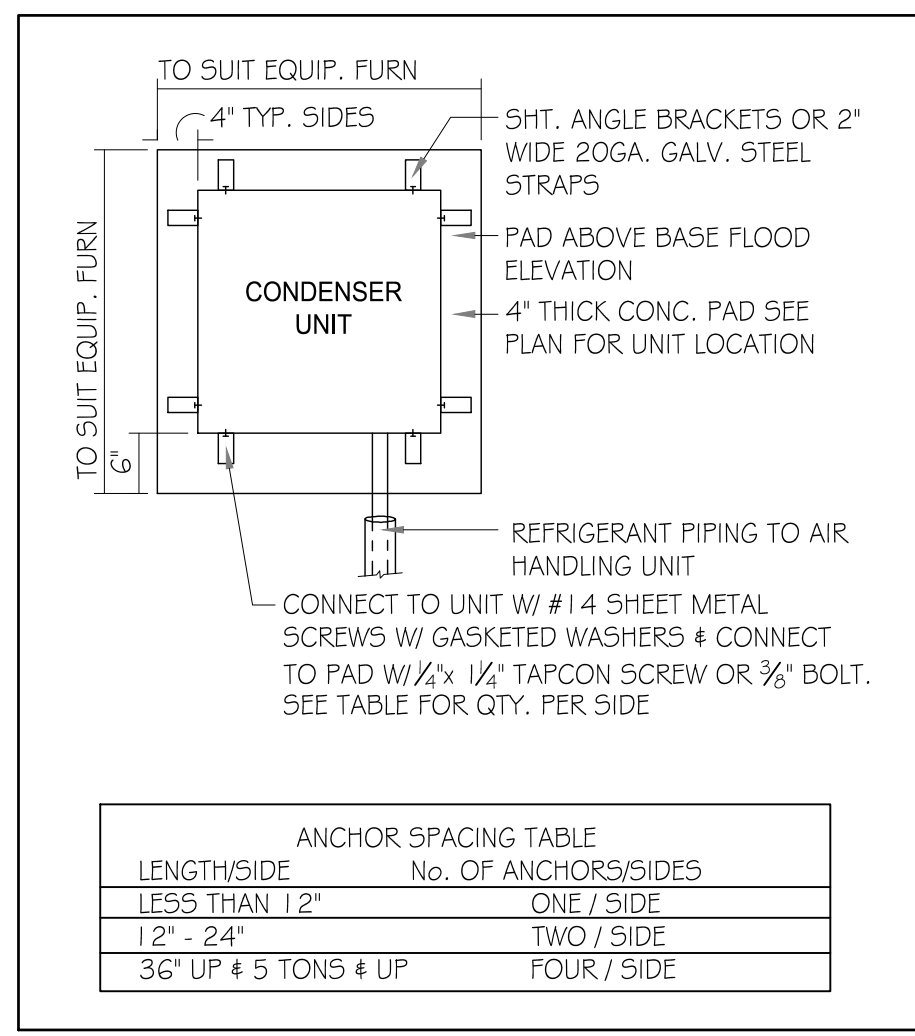
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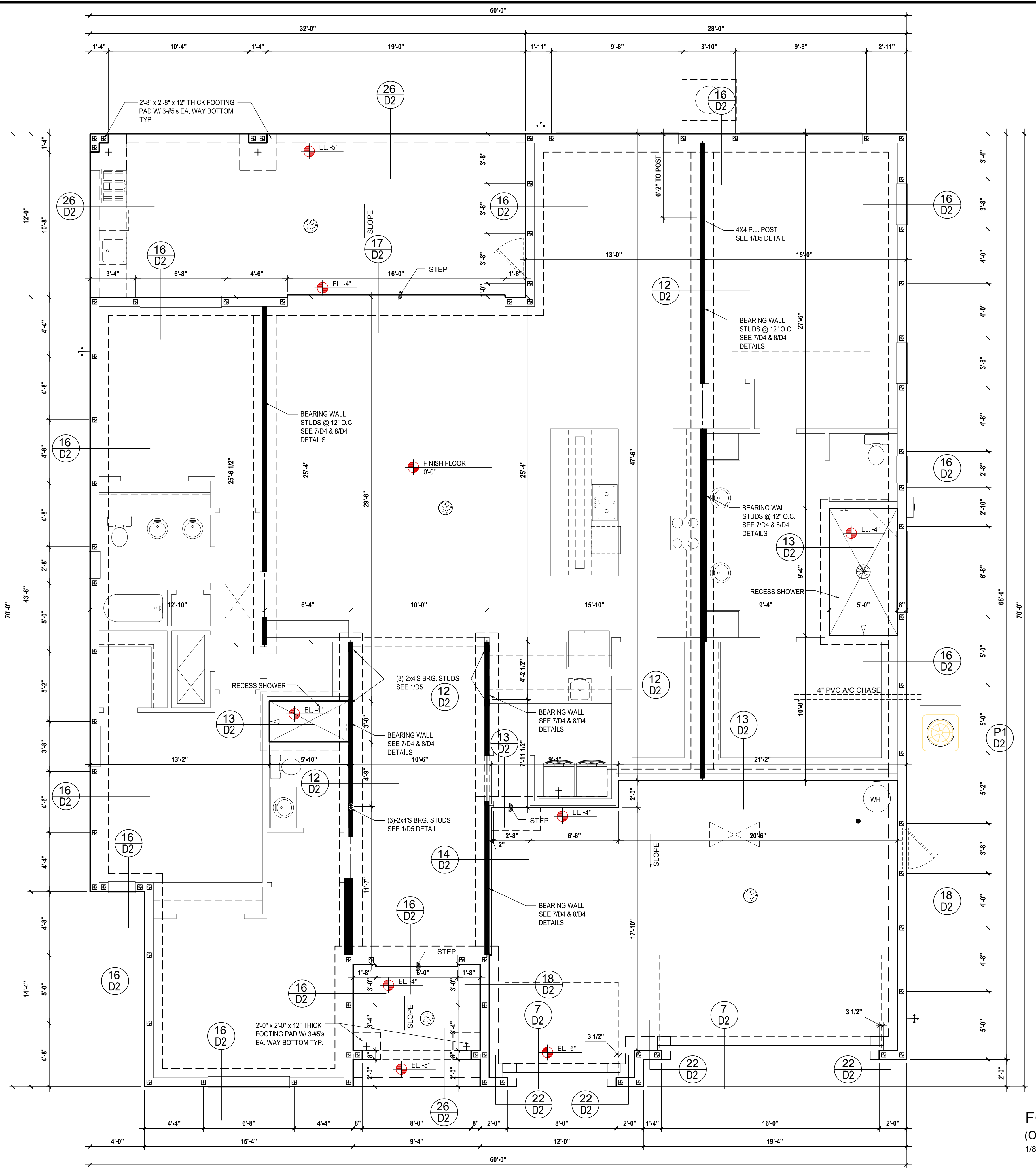
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- 2- BLOCK WALL OVERHANGING SLAB CONDITION: UP TO 7/8" - NO REPAIR NECESSARY 7/8" TO 1 1/4" - ADD FILLED CELL (NO VERTICAL STEEL) MIDPOINT OF WALL BETWEEN EXISTING FILLED CELLS (WITH STEEL) IN AREAS AFFECTED. 1 1/4" + - REQUIRE SPECIAL ENGINEERING LETTER.
- 3- PENETRATION OF PLUMBING PIPES/DRYER VENTS THRU PLATES OF A LOAD BEARING WALL MAY OCCUR PROVIDED DBL. STUDS ARE ADDED ON EITHER SIDE OF PENETRATION WITHIN 3" AND TRUSS/FLOOR TRUSS IS NO CLOSER THAN 3" FROM PENETRATION. ADD (1) MTS 12 @ TOP AND BOTTOM PLATE.

VERIFICATION OF FIELD CONDITIONS:

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

FOUNDATION NOTES

1. CONTRACTOR VERIFY ALL DIMENSIONS ON JOB SITE.
2. ■ DENOTES FILL CELL REINF. W/ CONC. W/ 1-#5 REBAR, GRADE GO.
● DENOTES FILL CELL RE NE. W/ CONC. W/ 2-#5 REBAR, GRADE GO
3. ○ DENOTES FLOOR SLAB OF PLANT MIX CONCRETE 2500 P.S.I. 4" THICK WITH 6X6 10/10 GAUGE REINFORCING MAT. W/ MIN. 0.006mm (6mil) POLYETHYLENE VAPOR BARRIER OVER COMPACTED CLEAN FILL. WWF SHALL BE PLACED IN MIDDLE TO UPPER THIRD OF SLAB AND SUPPORTED ON APPROVED SLAB BOLSTERS. FIBER MESH REINFORCEMENT MAY BE USED AS ALTERNATIVE TO WIRE.
4. DO NOT SCALE PRINTS! CONSTRUCTION TO BE FROM CALCULATED DIMENSIONS ONLY. ANY DISCREPANCIES OR ERRORS TO BE REPORTED PROMPTLY TO SUPERVISOR FOR CLARIFICATION.
5. WATER HEATER T&P RELIEF VALVE SHALL BE FULL SIZE TO EXTERIOR. WATER HEATER AT OR ABOVE FLOOR LEVEL G1 - FALL E IN A FAN WITH DRAIN TO EXTERIOR. WATER HEATER SHALL HAVE APPROVED THERMAL EXPANSION DEVICE
6. PAVERS MAY BE USED ILO CONCRETE SLABS IN PATIO, PORCH, DRIVE AND WALKWAY AREAS. DELETE SLAB IN AREAS PAVERS ARE USED.
7. MECHANICAL EQUIP. LOCATIONS WILL BE DETERMINED BY COMMUNITY AND COUNTY CODES.
8. IN LIEU OF TREATING THE SOIL, AN ALTERNATIVE TO TERMITIC TREATED SOIL CA BE PREMISE 75 WP TERMITICIDE.
9. BORA-CARE TO BE APPLIED ON INTERIOR WALLS W/ MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PURSUANT FLORIDA BUILDING CODE LATEST EDITION.



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



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City, State, Zip

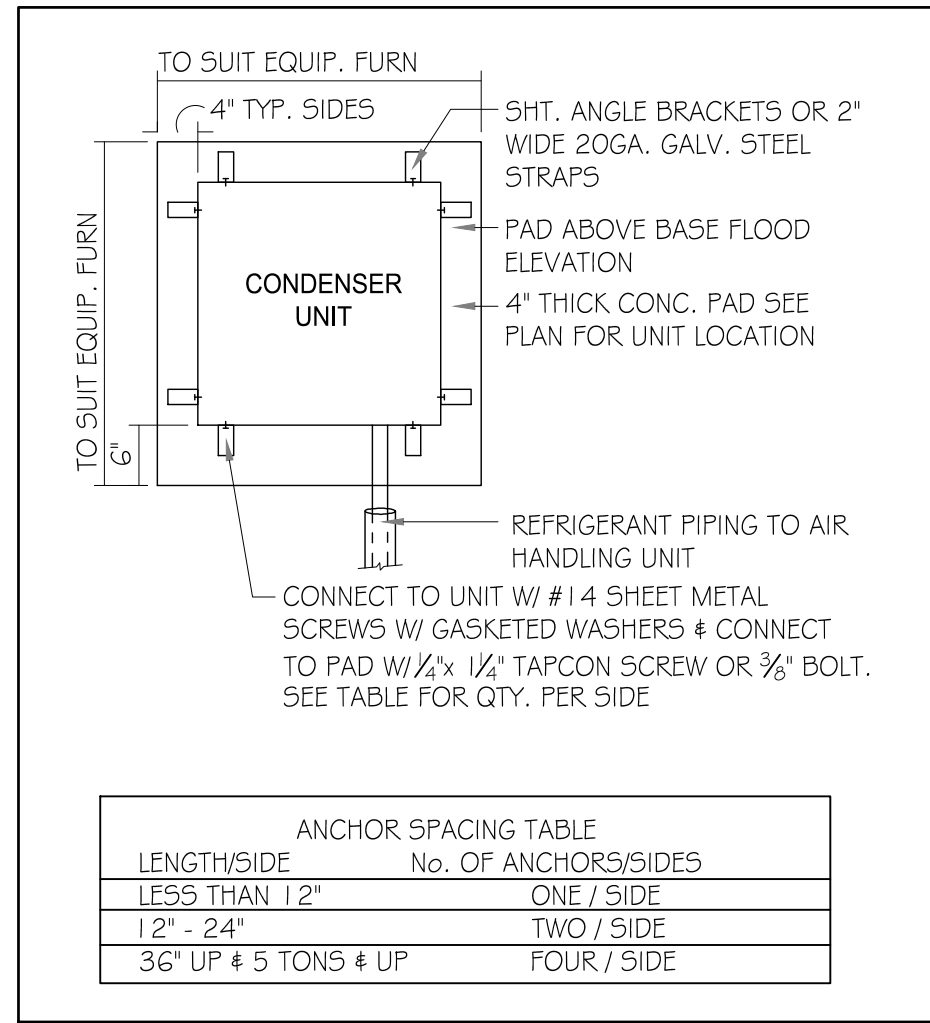
A division of Park Square Enterprises Inc.
5200 Vineland Rd. Suite #200
Orlando, FL 32811
Phone: (407) 529-3000



ISSUE DATE	03/03/2023
REVISIONS	
PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	C.C.
DESIGNED BY:	MJS

FLOOR PLAN
S1.C2

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1 COND. ANCHOR DETAIL N.T.S.

FIELD REPAIR NOTES

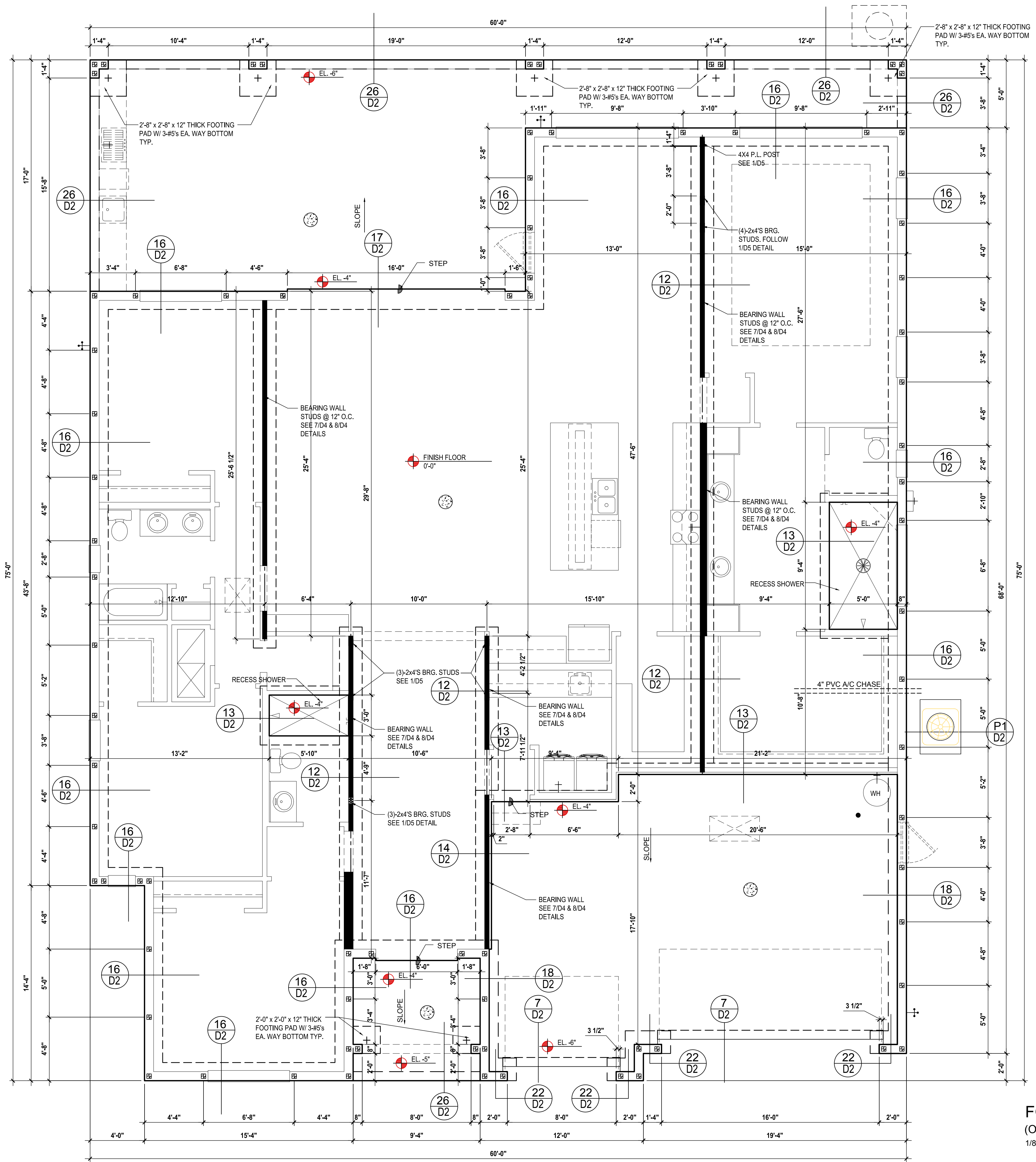
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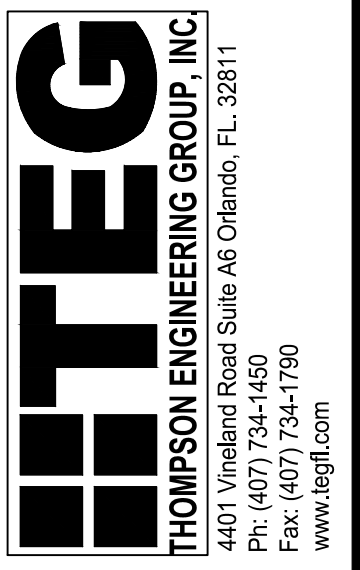
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FLOOR PLAN
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SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

LENGTH \ TYPE		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
			3166	4473	6039	7526	9004	10472	11936
			3138	3377	4689	6001	7315	8630	9947
4'-0" (48")	PRECAST	2029	2325	2496	3467	4438	5410	6384	7358
			2646	4473	6039	7526	9004	10472	11936
			1787	1913	2687	3403	4149	4896	5644
4'-6" (54")	PRECAST	1651	2170	4027	6039	7526	9004	10472	11936
			1223	1301	1909	2317	2826	3336	3846
			1665	2889	5057	6096	5400	6424	7450
5'-4" (64")	PRECAST	1184	1000	1059	1474	1889	2304	2721	3137
			1459	2464	4144	5458	4437	5280	6122
			1255	2101	3263	2746	3358	3971	4585
6'-0" (72")	PRECAST	937	1255	2101	3396	5260	7134	8995	6890
			1029	1675	2385	1994	2439	2886	3333
			1029	1675	2610	3839	5596	6613	5047
8'-0" (96")	PRECAST	670	830	1362	1927	1602	1961	2320	2680
			899	1445	2214	3192	4533	6513	4087
			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
			768	1212	1818	2544	3469	4030	3127
10'-6" (126")	PRECAST	456	482	802	1125	915	1122	1328	1536
			658	1026	1514	2051	2774	3130	2404
			598	935	1365	1854	2356	1793	2075
11'-4" (136")	PRECAST	445	598	935	1365	1854	2441	3156	4044
			545	864	1254	1689	2074	1570	1818
			555	864	1254	1693	2211	2832	3590
13'-4" (160")	PRECAST	362	427	728	1028	1331	1635	1224	1418
			485	748	1076	1438	1855	2343	2920
			381	648	919	1190	1462	1087	1260
14'-0" (168")	PRECAST	338	456	700	1003	1335	1714	2153	2666
			NR	NR	NR	NR	NR	NR	NR
			468	765	1370	2045	2610	3185	3765
14'-8" (176")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR	NR
			420	695	1250	1855	2370	2880	3410
15'-4" (184")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR	NR
			310	530	950	1400	1800	2200	2600
17'-4" (208")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR	NR
			240	400	750	1090	1400	1720	2030
21'-4" (256")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR	NR
			163	330	610	940	1240	1780	2110
22'-0" (264")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR	NR
			190	300	570	870	1250	1660	1970
24'-0" (288")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR	NR
			130	240	470	720	1030	1350	1610

LENGTH \ TYPE		GRAVITY							
		8RF8-0B / 8RF8-1B	8RF12-0B / 8RF12-1B	8RF16-0B / 8RF16-1B	8RF20-0B / 8RF20-1B	8RF24-0B / 8RF24-1B	8RF28-0B / 8RF28-1B	8RF32-0B / 8RF32-1B	
4'-4" (52")	PRECAST	1489	1591	2053	2382	3554	4929	6504	8880
			1827	2412	4982	6472	7947	9416	10876
			1449	2782	2714	3600	4487	5375	6264
4'-6" (54")	PRECAST	1357	1702	3412	4982	6472	7947	9416	10878
			832	1902	1550	2058	2566	3075	3585
			1153	2162	4074	6472	6516	5914	6839
5'-8" (68")	PRECAST	785	779	1900	1449	1924	2400	2876	3352
			1103	2051	3811	6472	6516	5450	6411
			907	1677	2933	2576	3223	3872	4522
6'-8" (80")	PRECAST	822	907	1677	2933	4100	6730	8177	6707
			761	1377	2252	1958	2451	2944	3439
			764	1377	2329	3609	5492	6624	5132
7'-6" (90")	PRECAST	665	420	834	1253	1071	1342	1614	1886
			535	928	1497	2179	2618	3595	2875

LENGTH \ TYPE		UPLIFT						LATERAL		
		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	8UB	8FB
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055		
			2727	2784	3981	5190	6407	7630	8857	2021
3'-6" (42")	PRECAST	2165	2289	3260	4237	5219	6204	7192		
			2165	2215	3165	4125	5091	6061	7036	1257
4'-0" (48")	PRECAST	1878	1989	2832	3680	4532	5387	6245		
			1878	1926	2790	3683	4422	5264	6110	938
4'-6" (54")	PRECAST	1660	1762	2507	3257	4010	4767	5525		
			1660	1705	2435	3171	3913	4658	5408	727
5'-4" (64")	PRECAST	1393	1484	2110	2741	3375	4010	4648		
			1393	1437	2050	2670	3293	3920	4549	505
5'-10" (70")	PRECAST	1272	1371	1875	2441	3010	3583	4157		
			1141	1200	1733	2250	2769	3290	3812	418
6'-0" (72")	PRECAST	1141	1182	1684	2192	2703	3216	3732		
			959	912	1475	1914	2354	2797	3240	707
7'-6" (90")	PRECAST	990	1029	1466	1907	2351	2797	3245		
			801	812	980	1269	1560	1852	2144	591
9'-4" (112")	PRECAST	801	755	1192	1550	1910	2271	2634		
			716	498	793	1027	1261	1496	1731	454
10'-6" (126")	PRECAST	716	611	1039	1389	1711	2034	2358		
			666	439	696	899	1104	1309	1515	396
11'-4" (136")	PRECAST	666	535	905	1295	1595	1896	2198		
			607	400	631	816	1001	1186	1372	363
12'-0" (144")	PRECAST	607	498	816	1209	1514	1799	2086		
			500	340	532	686	841	997	1153	340
13'-4" (160")	PRECAST	573	409	682	1004	1367	1637	1897		
			458	316	493	635	778	922	1065	302
14'-0" (168")	PRECAST	458	378	629	922	1254	1567	1816		
			243	295	459	591	724	857	990	286
14'-8" (176")	PRESTRESSED	243	352	582	852	1156	1491	1742		
			228	278	430	533	677	801	925	N.R.
15'-4" (184")	PRESTRESSED	228	329	542	791	1072	1381	1676		
			188	236	361	464	567	670	774	N.R.
17'-4" (208")	PRESTRESSED	188	276	449	649	874	1121	1389		
			165	207	313	401	490	578	667	N.R.
19'-4" (232")	PRESTRESSED	165	239	383	550	736	940	1160		
			145	186	278	356	433	512	590	N.R.
21'-4" (256")	PRESTRESSED	145	212	336	477	635	807	983		
			140	180	268	343	418	493	568	N.R.
22'-0" (264")	PRESTRESSED	127	195	244	312	380	447	515		
			124	165	240	308	376	444	512	N.R.
24'-0" (288")	PRESTRESSED	124	165	240	308	376	444	512		
			124	186	290	398	506	614	722	N.R.

*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	9'-4"	8F48-1B/1T	GARAGE
L-2	17'-4"	8F48-1B/1T	GARAGE
L-3	7'-6"	8F48-1B/1T	6020 F.G. & (2) 3060 S.H.
L-4	3'-6"	8F48-1B/1T	2030 F.G.
L-5	4'-6"	8F48-0B/1T	3060 S.H.
L-6	10'-6"	8F8-1B/1T	(3) 3060 S.H.
L-7	10'-6"	8F16-1B/1T	(3) 3020 F.G. TR. ABV.
L-8	17'-4"	8F8-1B/1T	16'-0" X 8'-0" S.G.D.
L-9	17'-4"	8F16-1B/1T	(4) 4020 F.G. TR. ABV.
L-10	7'-6"	8F24-1B/1T	(2) 3060 S.H. w/ 6020 F.G.
L-11	7'-6"	8F6-1B/1T	SET BTM. @ 8'-4" AFF.
L-11A	7'-6"	8F8-1B/1T	ENTRY
L-12	12'-0"	8F16-1B/1T	LANAI
L-13	21'-4"	8F16-1B/1T	LANAI
L-14	4'-6"	8RF54-0B/1T	2880 DR. (OPT)

MATERIALS

- F/C PRECAST LINTELS = 3500 PSI.
- F/C PRESTRESSED LINTELS = 6000 PSI.
- F/C GROUT = 3000 PSI W/ MAXIMUM 3/8" AGGREGATE.
- CONCRETE MASONRY UNITS (CMU) PER ASTM C90 W/ MINIMUM NET AREA COMPRESSIVE STRENGTH = 1900 PSI.
- REBAR PROVIDED IN PRECAST LINTEL PER ASTM A615 GR60. FIELD REBAR PER ASTM A615 GR40 OR GR60.
- PRESTRESSING STRAND PER ASTM A416 GRADE 270 LOW RELAXATION.
- 7/32 WIRE PER ASTM A510.
- MORTAR PER ASTM C270 TYPE M OR S.

GENERAL NOTES

- PROVIDE FULL MORTAR HEAD AND BED JOINTS.
- SHORE FILLED LINTELS AS REQUIRED.
- INSTALLATION OF LINTEL MUST COMPLY WITH THE ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS.
- LINTELS ARE MANUFACTURED WITH 5-1/2" LONG NOTCHES AT THE ENDS TO ACCOMMODATE VERTICAL CELL REINFORCING AND GROUTING.
- ALL LINTELS MEET OR EXCEED L/360 VERTICAL DEFLECTION, EXCEPT LINTELS 17'-4" AND LONGER WITH A NOMINAL HEIGHT OF 8" MEET OR EXCEED L/180.
- BOTTOM FIELD ADDED REBAR TO BE LOCATED AT THE BOTTOM OF THE LINTEL CAVITY.
- 7/32" DIAMETER WIRE STIRRUPS ARE WELDED TO THE BOTTOM STEEL FOR MECHANICAL ANCHORAGE.
- CAST-IN-PLACE CONCRETE MAY BE PROVIDED IN COMPOSITE LINTEL IN LIEU OF CONCRETE MASONRY UNITS.
- SAFE LOAD RATINGS BASED ON RATIONAL DESIGN ANALYSIS PER ACI 318 AND ACI 530.

SAFE LOAD TABLE NOTES

- ALL VALUES BASED ON MINIMUM 4" BEARING. EXCEPTION: SAFE LOADS FOR UNFILLED LINTELS MUST BE REDUCED BY 20% IF BEARING LENGTH IS LESS THAN 6-1/2". SAFE LOADS FOR ALL RECESSED LINTELS BASED ON 8" NOMINAL BEARING.
- N.R. = NOT RATED.
- SAFE LOADS ARE TOTAL SUPERIMPOSED ALLOWABLE LOAD ON THE SECTION SPECIFIED.
- SAFE LOADS BASED ON GRADE 40 OR GRADE 60 FIELD REBAR.
- ADDITIONAL LATERAL LOAD CAPACITY CAN BE OBTAINED BY THE DESIGNER BY PROVIDING ADDITIONAL REINFORCED MASONRY ABOVE THE PRECAST LINTEL.
- ONE #7 REBAR MAY BE SUBSTITUTED FOR TWO #5 REBARS IN 8" LINTELS ONLY. THE DESIGNER MAY EVALUATE CONCENTRATED LOADS FROM THE SAFE LOAD TABLES BY CALCULATING THE MAXIMUM RESISTING MOMENT AND SHEAR AT D-AWAY FROM THE FACE OF SUPPORT.
- FOR COMPOSITE LINTEL HEIGHTS NOT SHOWN, USE SAFE LOAD FROM NEXT LOWER HEIGHT.
- ALL SAFE LOADS IN UNITS OF POUNDS PER LINEAR FOOT.

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

LENGTH \ TYPE		UPLIFT						LATERAL	
		8RF8-1T /							

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS									
GRAVITY									
LENGTH	TYPE	808	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936
3'-6" (42")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936
4'-0" (48")	PRECAST	2029	2325	2946	3467	4438	5410	6384	7358
4'-6" (54")	PRECAST	1651	2046	2646	3246	4117	5089	6061	7033
5'-4" (64")	PRECAST	1184	1665	2289	3057	4096	5400	6424	7450
5'-10" (70")	PRECAST	972	1459	2046	2746	3726	4896	6066	7236
6'-0" (78")	PRECAST	937	1459	2046	2746	3726	4896	6066	7236
7'-6" (90")	PRECAST	767	1255	1742	2339	3216	4293	5370	6447
8'-0" (96")	PRECAST	670	1029	1416	1903	2590	3467	4544	5621
8'-8" (104")	PRECAST	618	829	1116	1503	2090	2877	3764	4651
9'-4" (112")	PRECAST	573	768	1055	1442	2029	2816	3703	4590
10'-6" (126")	PRECAST	456	655	942	1329	1916	2703	3590	4477
11'-4" (136")	PRECAST	445	598	835	1172	1659	2346	3233	4120
12'-0" (144")	PRECAST	414	555	792	1079	1566	2253	3140	4027
13'-4" (160")	PRECAST	362	485	748	1011	1498	2185	3072	3959
14'-0" (168")	PRECAST	338	455	700	1003	1435	2022	2909	3796
14'-8" (176")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
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

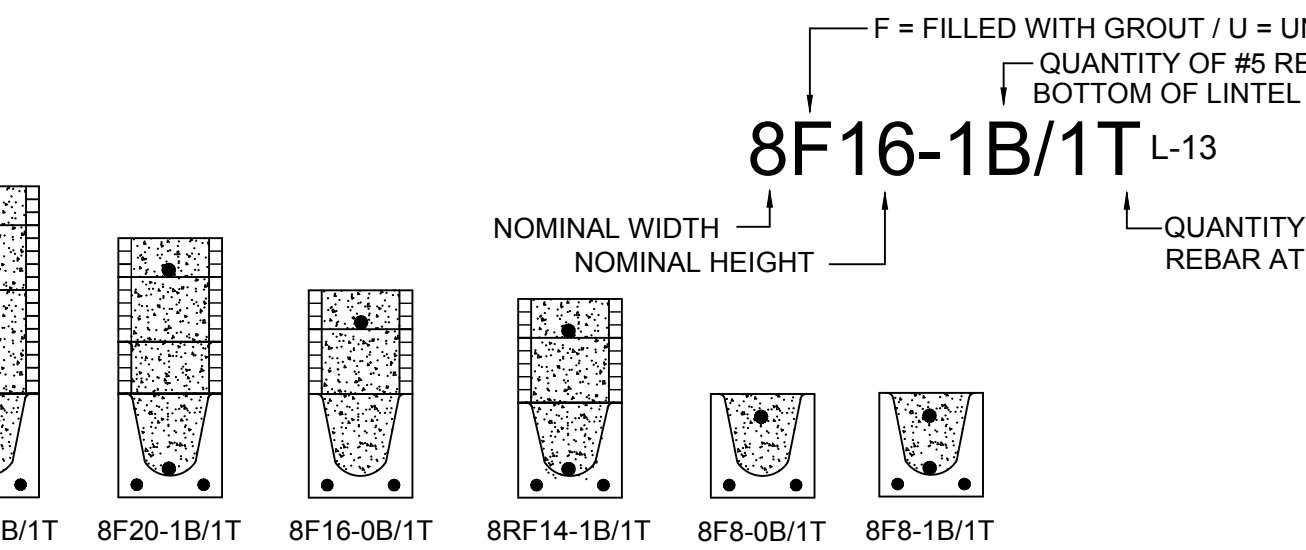
8" PRECAST w/ 2" RECESS DOOR U-LINTELS									
GRAVITY									
LENGTH	TYPE	8R06	8RF6-0B	8RF10-0B	8RF14-0B	8RF18-0B	8RF22-0B	8RF26-0B	8RF30-0B
4'-4" (52")	PRECAST	1489	1591	2053	2662	3564	4829	6504	8800
4'-6" (54")	PRECAST	1357	1449	1912	2521	3423	4688	6416	8878
5'-8" (68")	PRECAST	785	832	1102	1472	2081	2983	4144	5705
5'-10" (70")	PRECAST	735	779	1049	1419	2028	2930	4091	5652
6'-8" (80")	PRECAST	822	1103	1473	2082	2984	4145	5706	8167
7'-6" (90")	PRECAST	665	907	1277	1886	2788	3890	5351	7412
9'-8" (116")	PRECAST	371	535	798	1162	1771	2573	3675	5136

8" PRECAST & PRESTRESSED U-LINTELS										
UPLIFT										
LENGTH	TYPE	8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	808	8F8
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021
3'-6" (42")	PRECAST	2165	2289	3260	4237	5219	6204	7192	1257	1257
4'-0" (48")	PRECAST	1878	1999	2832	3660	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	1315	1875	2441	3010	3583	4157	418	418
6'-0" (78")	PRECAST	1141	1200	1733	2250	2769	3290	3812	707	887
7'-6" (90")	PRECAST	959	912	1475	1914	2354	2797	3240	591	857
9'-4" (112")	PRECAST	801	755	1192	1550	1910	2271	2634	454	630
10'-6" (126")	PRECAST	716	611	1039	1389	1711	2034	2358	396	493
11'-4" (136")	PRECAST	666	535	905	1295	1595	1896	2198	363	556
12'-0" (144")	PRECAST	631	486	818	1209	1514	1799	2086	340	494
13'-4" (160")	PRECAST	500	340	532	686	841	997	1153	302	398
14'-0" (168")	PRECAST	458	316	483	635	778	922	1065	286	360
14'-8" (176")	PRESTRESSED	243	295	459	591	724	857	990	N.R.	357
15'-4" (184")	PRESTRESSED	228	278	430	553	677	801	925	N.R.	327
17'-4" (208")	PRESTRESSED	188	236	361	464	567	670	774	N.R.	255
19'-4" (232")	PRESTRESSED	165	207	313	401	490	578	667	N.R.	204
21'-4" (256")	PRESTRESSED	145	186	278	356	433	512	590	N.R.	172
22'-0" (264")	PRESTRESSED	137	175	268	343	418	493	568	N.R.	161
24'-0" (288")	PRESTRESSED	124	166	250	326	398	471	544	N.R.	135

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

CAST CRETE / LOTS / WEKIWA / FLORIDA ROCK PRECAST LINTEL SCHEDULE

LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	9'-4"	8F48-1B/1T	GARAGE
L-2	17'-4"	8F48-1B/1T	GARAGE
L-3	7'-6"	8F48-1B/1T	6020 F.G. & (2) 3060 S.H.
L-4	3'-6"	8F48-1B/1T	2030 F.G.
L-5	4'-6"	8F48-0B/1T	3060 S.H.
L-6	10'-6"	8F8-1B/1T	(3) 3060 S.H.
L-7	10'-6"	8F16-1B/1T	(3) 3020 F.G. TR. ABV.
L-8	17'-4"	8F8-1B/1T	16'-0" X 8'-0" S.G.D.
L-9	17'-4"	8F16-1B/1T	(4) 4020 F.G. TR. ABV.
L-10	7'-6"	8F24-1B/1T	(2) 3060 S.H. w/ 6020 F.G.
L-11	7'-6"	8RF6-1B/1T	SET BTM. @ 8'-4" AFF.
L-11A	7'-6"	8F8-1B/1T	ENTRY
L-12	17'-4"	8F16-1B/1T	LANAI
L-13	11'-4"	8F16-1B/1T	LANAI
L-14	21'-4"	8F16-1B/1T	LANAI
L-15	13'-4"	8F16-1B/1T	LANAI
L-16	5'-4"	8F16-1B/1T	LANAI
L-17	4'-4"	8RF54-0B/1T	2880 DR. (OPT)



MATERIALS

1. F/C PRECAST LINTELS = 3500 PSI.
2. F/C PRESTRESSED LINTELS = 6000 PSI.
3. F/C GROUT = 3000 PSI W/ MAXIMUM 3/8" AGGREGATE.
4. CONCRETE MASONRY UNITS (CMU) PER ASTM C90 W/ MINIMUM NET AREA COMPRESSIVE STRENGTH = 1900 PSI.
5. REBAR PROVIDED IN PRECAST LINTEL PER ASTM A615 GR60. FIELD REBAR PER ASTM A615 GR40 OR GR60.
6. PRESTRESSING STRAND PER ASTM A416 GRADE 270 LOW RELAXATION.
7. 7/32 WIRE PER ASTM A510.
8. MORTAR PER ASTM C270 TYPE M OR S.

GENERAL NOTES

1. PROVIDE FULL MORTAR HEAD AND BED JOINTS.
2. SHORE FILLED LINTELS AS REQUIRED.
3. INSTALLATION OF LINTEL MUST COMPLY WITH THE ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS.
4. LINTELS ARE MANUFACTURED WITH 5-1/2" LONG NOTCHES AT THE ENDS TO ACCOMMODATE VERTICAL CELL REINFORCING AND GROUTING.
5. ALL LINTELS MEET OR EXCEED L/360 VERTICAL DEFLECTION, EXCEPT LINTELS 17'-4" AND LONGER WITH A NOMINAL HEIGHT OF 8" MEET OR EXCEED L/180.
6. BOTTOM FIELD ADDED REBAR TO BE LOCATED AT THE BOTTOM OF THE LINTEL CAVITY.
7. 7/32" DIAMETER WIRE STIRRUPS ARE WELDED TO THE BOTTOM STEEL FOR MECHANICAL ANCHORAGE.
8. CAST-IN-PLACE CONCRETE MAY BE PROVIDED IN COMPOSITE LINTEL IN LIEU OF CONCRETE MASONRY UNITS.
9. SAFE LOAD RATINGS BASED ON RATIONAL DESIGN ANALYSIS PER ACI 318 AND ACI 530

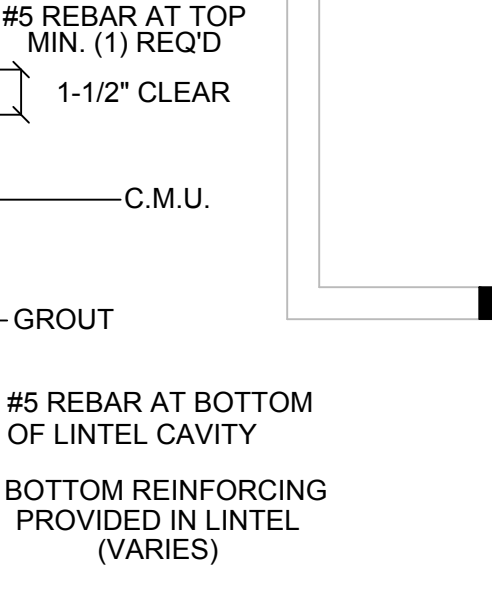
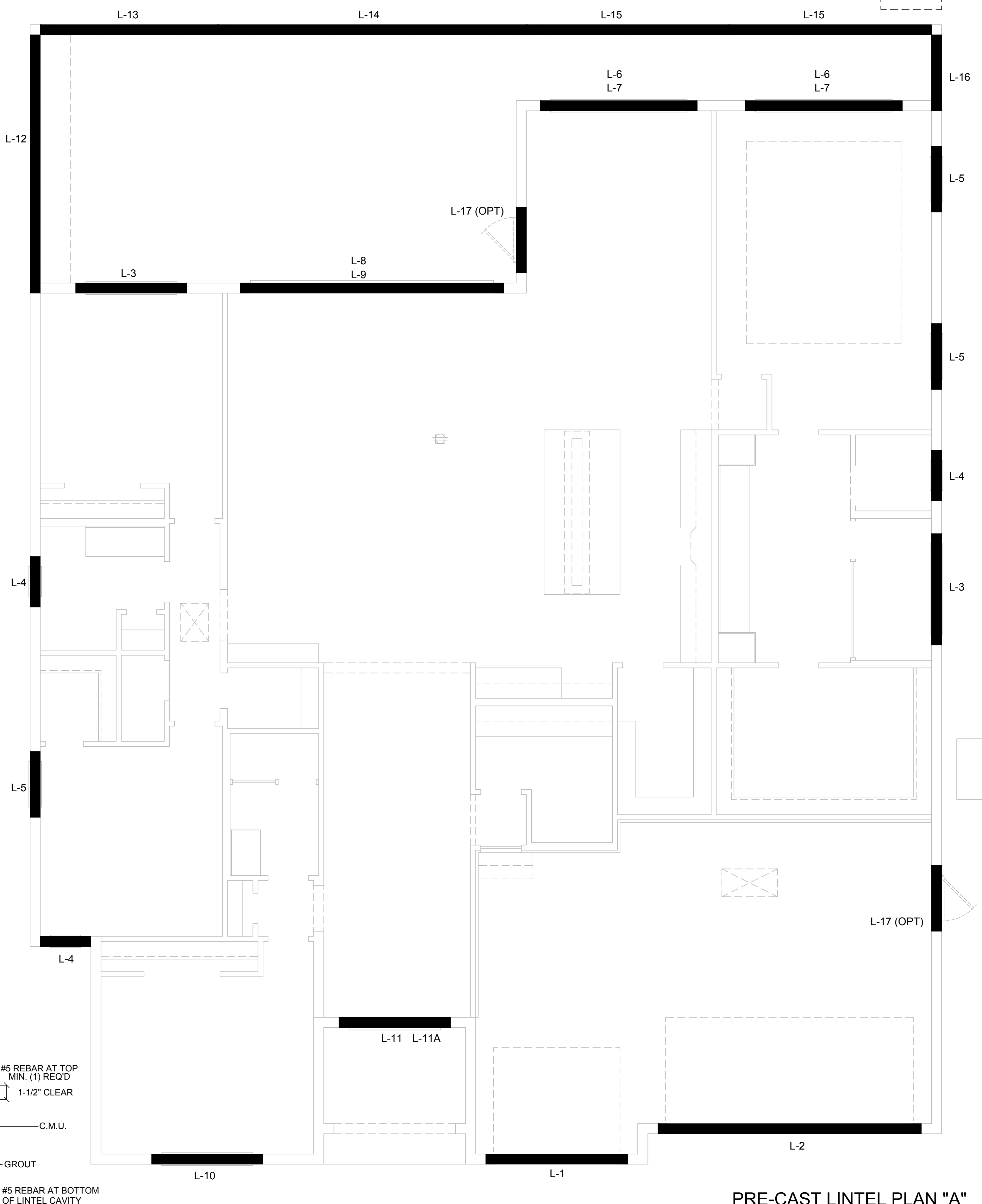
SAFE LOAD TABLE NOTES

1. ALL VALUES BASED ON MINIMUM 4" BEARING. EXCEPTION: SAFE LOADS FOR UNFILLED LINTELS MUST BE REDUCED BY 20% IF BEARING LENGTH IS LESS THAN 6-1/2". SAFE LOADS FOR ALL RECESSED LINTELS BASED ON 8" NOMINAL BEARING.
2. N.R. = NOT RATED.
3. SAFE LOADS ARE TOTAL SUPERIMPOSED ALLOWABLE LOAD ON THE SECTION SPECIFIED.
4. SAFE LOADS BASED ON GRADE 40 OR GRADE 60 FIELD REBAR.
5. ADDITIONAL LATERAL LOAD CAPACITY CAN BE OBTAINED BY THE DESIGNER BY PROVIDING ADDITIONAL REINFORCED MASONRY ABOVE THE PRECAST LINTEL.
6. ONE #7 REBAR MAY BE SUBSTITUTED FOR TWO #5 REBARS IN 8" LINTELS ONLY.
7. THE DESIGNER MAY EVALUATE CONCENTRATED LOADS FROM THE SAFE LOAD TABLES BY CALCULATING THE MAXIMUM RESISTING MOMENT AND SHEAR AT D-AWAY FROM THE FACE OF SUPPORT.
8. FOR COMPOSITE LINTEL HEIGHTS NOT SHOWN, USE SAFE LOAD FROM NEXT LOWER HEIGHT.
9. ALL SAFE LOADS IN UNITS OF POUNDS PER LINEAR FOOT.

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

UPLIFT										
LENGTH	TYPE	8RF6-1T	8RF10-1T	8RF14-1T	8RF18-1T	8RF22-1T	8RF26-1T	8RF30-1T	8R06	8RF6
4'-4" (52")	PRECAST	1244	1573	2413	3260	4112	4967	5825	932	932
4'-6" (54")	PRECAST	1192	1507	2311	3121	3937	4756	5577	853	853
5'-8" (68")	PRECAST	924	1172	1795	2423	3055	3689	4325	501	501
5'-10" (70")	PRECAST	896	1138	1742	2352	2985	3581	4198	469	469
6'-8" (80")	PRECAST	778	882	1513	2042	2573	3107	3642	830	1100
7'-6" (90")	PRECAST	688	778	1266	1687	2107	2527	2947	710	941
9'-8" (116")	PRECAST	533	623	1009	1369	1728	2088	2448	516	614

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



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AIBD
GREATER ORLANDO BUILDERS ASSOCIATION

"CRISTO"
60-2992
Lot # - Subdivision
Street Address
City, State, Zip

A division of Park Square
Enterprises Inc.
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Orlando, FL 32811
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Park Square HOMES

ISSUE DATE 03/03/2023
REVISIONS
PROJECT: 00-0000
SCALE: AS NOTED
DRAWN BY: C.C.
DESIGNED BY: MJS
LINTEL PLAN
S2.A1

PRE-CAST LINTEL PLAN "A"
(Opt. Office & Ext. Lanai)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)

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SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS									
GRAVITY									
LENGTH	TYPE	808	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B
			8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1B
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936
			3166	4473	6039	7526	9004	10472	11936
			3138	3377	4689	6001	7315	8630	9947
4'-0" (48")	PRECAST	2029	2325	2496	3467	4438	5410	6384	7358
			2646	4473	6039	7526	9004	10472	11936
			1787	1913	2657	3403	4149	4895	5644
4'-6" (54")	PRECAST	1651	2170	4027	6039	7526	9004	10472	11936
			1223	1301	1809	2317	2826	3336	3846
			1665	2889	5057	6096	5400	6424	7450
5'-10" (70")	PRECAST	972	1000	1059	1474	1889	2304	2721	3137
			1459	2464	4144	5458	4437	5280	6122
			1255	2101	3263	2746	3358	3971	4585
6'-6" (78")	PRECAST	937	1255	2101	3396	5260	7134	8995	6890
			1029	1675	2385	1994	2439	2886	3333
			1029	1675	2610	3839	5596	6613	5047
8'-0" (96")	PRECAST	670	830	1362	1927	1602	1961	2320	2680
			899	1445	2214	3192	4533	6513	4087
			767	1257	1779	1479	1810	2142	2474
8'-8" (104")	PRECAST	618	829	1332	2044	2946	4164	6012	3773
			632	1049	1469	1210	1462	1754	2027
			768	1212	1818	2544	3469	4030	3127
10'-6" (126")	PRECAST	456	462	802	1125	915	1122	1328	1535
			658	1026	1514	2081	2774	3130	2404
			598	935	1365	1854	2365	1702	2075
11'-4" (136")	PRECAST	445	598	935	1365	1854	2441	3155	4044
			545	864	1254	1689	2074	1570	1818
			555	864	1254	1683	2211	2832	3590
13'-4" (160")	PRECAST	362	427	728	1028	1331	1635	1224	1418
			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
			465	765	1370	2045	2610	3185	3765
15'-4" (184")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR	NR
			420	695	1250	1855	2370	2890	3410
17'-4" (208")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR	NR
			310	530	950	1400	1800	2200	2600
19'-4" (232")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR	NR
			240	400	750	1090	1400	1720	2030
21'-4" (256")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR	NR
			183	330	610	840	1340	1780	2110
22'-0" (264")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR	NR
			160	300	570	870	1250	1660	1970
24'-0" (288")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
			NR	NR	NR	NR	NR	NR	NR
			130	240	470	720	1030	1350	1610

8" PRECAST w/ 2" RECESS DOOR U-LINTELS									
GRAVITY									
LENGTH	TYPE	8RU6	8RF6-0B	8RF10-0B	8RF14-0B	8RF18-0B	8RF22-0B	8RF26-0B	8RF30-0B
			8RF6-1B	8RF10-1B	8RF14-1B	8RF18-1B	8RF22-1B	8RF26-1B	8RF30-1B
4'-4" (52")	PRECAST	1489	1591	2053	2892	3954	4929	5994	6960
			1827	2412	4982	6472	7947	9416	10878
			1449	2782	2714	3500	4487	5375	6264
4'-6" (54")	PRECAST	1357	1702	2412	4982	6472	7947	9416	10878
			832	1902	1550	2058	2566	3075	3585
			1153	2162	4074	6472	6516	5814	6839
5'-10" (70")	PRECAST	735	779	1500	1449	1924	2400	2876	3352
			1103	2051	3811	6472	6516	5450	6411
			907	1677	2933	2576	3223	3872	4522
6'-8" (80")	PRECAST	822	907	1677	2933	4100	6730	8177	6707
			761	1377	2252	1958	2451	2944	3439
			764	1377	2329	3609	5492	6824	5132
9'-8" (116")	PRECAST	371	420	834	1253	1071	1342	1614	1886
			535	928	1497	2179	2618	3595	2875

8" PRECAST & PRESTRESSED U-LINTELS								
UPLIFT								
LENGTH	TYPE	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
2'-10" (34")	PRECAST	2727	2678	4101	5332	6569	7811	9055
		2727	2784	3981	5190	6407	7630	8857
3'-6" (42")	PRECAST	2165	2289	3260	4237	5219	6204	7192
		1678	1899	2632	3360	4332	5387	6245
4'-0" (48")	PRECAST	1678	1989	2632	3360	4332	5387	6245
		1678	1989	2750	3583	4422	5264	6110
4'-6" (54")	PRECAST	1660	1762	2507	3257	4010	4767	5525
		1660	1705	2435	3171	3913	4658	5406
5'-4" (64")	PRECAST	1393	1484	2110	2741	3375	4010	4648
		1393	1437	2050	2870	3293	3920	4549
5'-10" (70")	PRECAST	1272	1357	1930	2505	3084	3665	4247
		1272	1315	1875	2441	3010	3583	4157
6'-6" (78")	PRECAST	1141	1200	1733	2250	2769	3290	3812
		1141	1182	1684	2192	2703	3216	3732
7'-6" (90")	PRECAST	959	912	1475	1914	2354	2797	3240
		990	1029	1466	1907	2351	2797	3245
9'-4" (112")	PRECAST	801	612	980	1269	1560	1852	2144
		801	755	1192	1550	1910	2271	2634
10'-6" (126")	PRECAST	716	498	793	1027	1261	1496	1731
		716	611	1039	1389	1711	2034	2358
11'-4" (136")	PRECAST	666	439	696	899	1104	1309	1515
		666	535	905	1295	1595	1896	2198
12'-0" (144")	PRECAST	607	400	631	816	1001	1186	1372
		631	486	818	1209	1514	1799	2086
13'-4" (160")	PRECAST	500	340	532	686	841	997	1153
		573	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")	PRESTRESSED	243	295	459	591	724	857	990
		243	352	582	852	1156	1491	1742
15'-4" (184")	PRESTRESSED	228	278	430	553	677	801	925
		228	329	542	791	1072	1381	1676
17'-4" (208")	PRESTRESSED	188	236	361	464	567	670	774
		188	276	449	649	874	1121	1389
19'-4" (232")	PRESTRESSED	165	207	313	401	490	578	667
		165	239	383	550	736	940	1160
21'-4" (256")	PRESTRESSED	145	186	278	356	433	512	590
		142	212	336	477	635	807	948
22'-0" (264")	PRESTRESSED	137	175	244	312	380	447	515
		124	166	250	328	406	484	562
24'-0" (288")	PRESTRESSED	124	166	250	328	406	484	562
		124	166	250	328	406	484	562

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

CAST CRETE / LOTS / WEKIWA / FLORIDA ROCK PRECAST LINTEL SCHEDULE

LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	9'-4"	8F48-1B/1T	GARAGE
L-2	17'-4"	8F48-1B/1T	GARAGE
L-3	7'-6"	8F48-1B/1T	6020 F.G. & (2) 3060 S.H.
L-4	3'-6"	8F48-1B/1T	2030 F.G.
L-5	4'-6"	8F48-0B/1T	3060 S.H.
L-6	10'-6"	8F8-1B/1T	(3) 3020 F.G. TR. ABV.
L-7	17'-4"	8F8-1B/1T	16'-0" X 8'-0" S.G.D.
L-8	17'-4"	8F16-1B/1T	(4) 4020 F.G. TR. ABV.
L-9	7'-6"	8F24-1B/1T	(2) 3060 S.H. w/ 6020 F.G.
L-10	7'-6"	8RF6-1B/1T	SET BTM. @ 8'-4" AFF.
L-11A	7'-6"	8F8-1B/1T	ENTRY
L-12	12'-0"	8F16-1B/1T	LANAI
L-13	21'-4"	8F16-1B/1T	LANAI
L-14	4'-6"	8RF54-0B/1T	2880 DR. (OPT)

MATERIALS

- F/C PRECAST LINTELS = 3500 PSI.
- F/C PRESTRESSED LINTELS = 6000 PSI.
- F/C GROUT = 3000 PSI W/ MAXIMUM 3/8" AGGREGATE.
- CONCRETE MASONRY UNITS (CMU) PER ASTM C90 W/ MINIMUM NET AREA COMPRESSIVE STRENGTH = 1900 PSI.
- REBAR PROVIDED IN PRECAST LINTEL PER ASTM A615 GR60. FIELD REBAR PER ASTM A615 GR40 OR GR60.
- PRESTRESSING STRAND PER ASTM A416 GRADE 270 LOW RELAXATION.
- 7/32 WIRE PER ASTM A510.
- MORTAR PER ASTM C270 TYPE M OR S.

GENERAL NOTES

- PROVIDE FULL MORTAR HEAD AND BED JOINTS.
- SHORE FILLED LINTELS AS REQUIRED.
- INSTALLATION OF LINTEL MUST COMPLY WITH THE ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS.
- LINTELS ARE MANUFACTURED WITH 5-1/2" LONG NOTCHES AT THE ENDS TO ACCOMMODATE VERTICAL CELL REINFORCING AND GROUTING.
- ALL LINTELS MEET OR EXCEED L/360 VERTICAL DEFLECTION, EXCEPT LINTELS 17'-4" AND LONGER WITH A NOMINAL HEIGHT OF 8" MEET OR EXCEED L/180.
- BOTTOM FIELD ADDED REBAR TO BE LOCATED AT THE BOTTOM OF THE LINTEL CAVITY.
- 7/32" DIAMETER WIRE STIRRUPS ARE WELDED TO THE BOTTOM STEEL FOR MECHANICAL ANCHORAGE.
- CAST-IN-PLACE CONCRETE MAY BE PROVIDED IN COMPOSITE LINTEL IN LIEU OF CONCRETE MASONRY UNITS.
- SAFE LOAD RATINGS BASED ON RATIONAL DESIGN ANALYSIS PER ACI 318 AND ACI 530

SAFE LOAD TABLE NOTES

- ALL VALUES BASED ON MINIMUM 4" BEARING. EXCEPTION: SAFE LOADS FOR UNFILLED LINTELS MUST BE REDUCED BY 20% IF BEARING LENGTH IS LESS THAN 6-1/2". SAFE LOADS FOR ALL RECESSED LINTELS BASED ON 8" NOMINAL BEARING.
- N.R. = NOT RATED.
- SAFE LOADS ARE TOTAL SUPERIMPOSED ALLOWABLE LOAD ON THE SECTION SPECIFIED.
- SAFE LOADS BASED ON GRADE 40 OR GRADE 60 FIELD REBAR.
- ADDITIONAL LATERAL LOAD CAPACITY CAN BE OBTAINED BY THE DESIGNER BY PROVIDING ADDITIONAL REINFORCED MASONRY ABOVE THE PRECAST LINTEL.
- ONE #7 REBAR MAY BE SUBSTITUTED FOR TWO #5 REBARS IN 8" LINTELS ONLY. THE DESIGNER MAY EVALUATE CONCENTRATED LOADS FROM THE SAFE LOAD TABLES BY CALCULATING THE MAXIMUM RESISTING MOMENT AND SHEAR AT D-AWAY FROM THE FACE OF SUPPORT.
- FOR COMPOSITE LINTEL HEIGHTS NOT SHOWN, USE SAFE LOAD FROM NEXT LOWER HEIGHT.
- ALL SAFE LOADS IN UNITS OF POUNDS PER LINEAR FOOT.

SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS									
GRAVITY									
LENGTH	TYPE	8R8	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936
3'-6" (42")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936
4'-0" (48")	PRECAST	2029	2325	2946	3467	4438	5410	6384	7358
4'-6" (54")	PRECAST	1651	2170	2791	3412	4033	4654	5275	5896
5'-4" (64")	PRECAST	1184	1223	1301	1380	1459	1538	1617	1696
5'-10" (70")	PRECAST	972	1000	1059	1118	1177	1236	1295	1354
6'-6" (78")	PRECAST	937	1255	1514	1773	2032	2291	2550	2809
7'-6" (90")	PRECAST	767	1029	1291	1553	1815	2077	2339	2601
8'-0" (96")	PRECAST	670	830	1026	1222	1418	1614	1810	2006
8'-8" (104")	PRECAST	618	829	1030	1231	1432	1633	1834	2035
9'-4" (112")	PRECAST	573	768	979	1190	1401	1612	1823	2034
10'-6" (126")	PRECAST	456	652	853	1054	1255	1456	1657	1858
11'-4" (136")	PRECAST	445	598	751	904	1057	1210	1363	1516
12'-0" (144")	PRECAST	414	545	676	807	938	1069	1200	1331
13'-4" (160")	PRECAST	362	485	608	731	854	977	1100	1223
14'-0" (168")	PRECAST	338	455	572	689	806	923	1040	1157
14'-8" (176")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
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

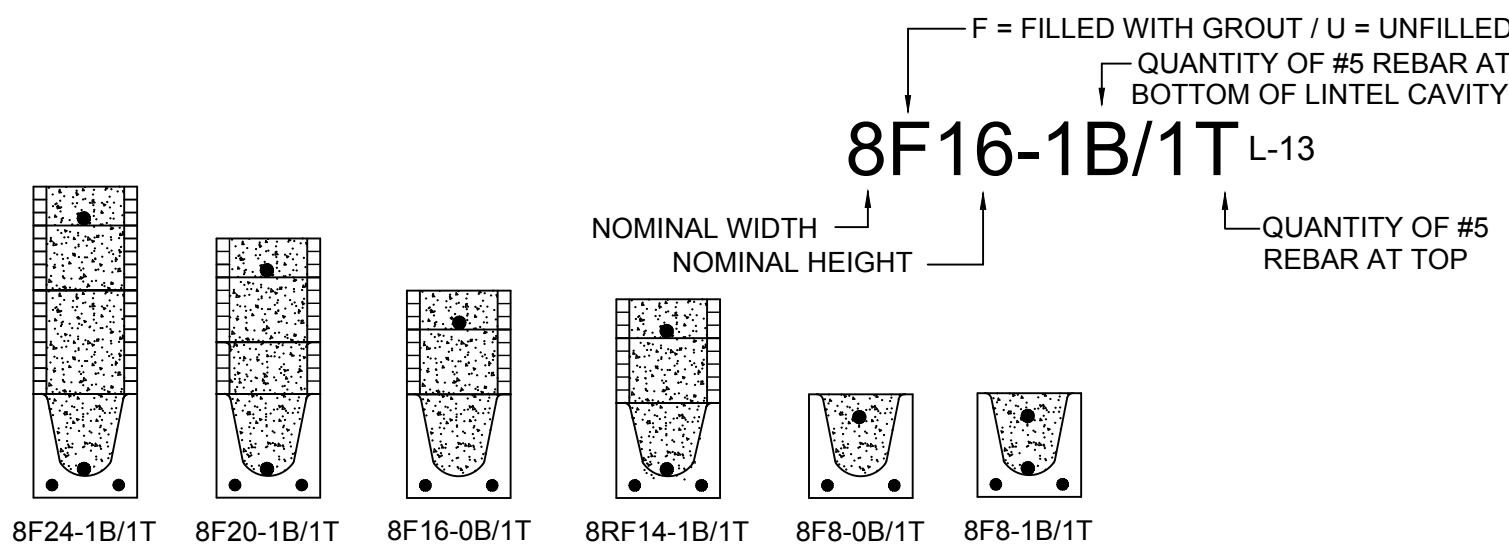
8" PRECAST w/ 2" RECESS DOOR U-LINTELS									
GRAVITY									
LENGTH	TYPE	8R8	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B
4'-4" (52")	PRECAST	1489	1591	1703	1815	1927	2039	2151	2263
4'-6" (54")	PRECAST	1357	1449	1541	1633	1725	1817	1909	2001
5'-8" (68")	PRECAST	785	832	879	926	973	1020	1067	1114
5'-10" (70")	PRECAST	735	779	823	867	911	955	999	1043
6'-8" (80")	PRECAST	822	907	992	1077	1162	1247	1332	1417
7'-6" (90")	PRECAST	665	761	857	953	1049	1145	1241	1337
9'-8" (116")	PRECAST	371	420	469	518	567	616	665	714

8" PRECAST & PRESTRESSED U-LINTELS											
UPLIFT											
LENGTH	TYPE	8" UPLIFT									
		8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	8R8	8F8	
2'-10" (34")	PRECAST	2727	2878	3029	3180	3331	3482	3633	3784	2021	2021
3'-6" (42")	PRECAST	2165	2289	2413	2537	2661	2785	2909	3033	1257	1257
4'-0" (48")	PRECAST	1878	1999	2120	2241	2362	2483	2604	2725	938	938
4'-6" (54")	PRECAST	1660	1762	1864	1966	2068	2170	2272	2374	727	727
5'-4" (64")	PRECAST	1393	1437	1481	1525	1569	1613	1657	1701	505	505
5'-10" (70")	PRECAST	1272	1315	1359	1403	1447	1491	1535	1579	418	418
6'-6" (78")	PRECAST	1141	1200	1259	1318	1377	1436	1495	1554	707	887
7'-6" (90")	PRECAST	959	912	965	1018	1071	1124	1177	1230	591	657
9'-4" (112")	PRECAST	801	811	821	831	841	851	861	871	454	630
10'-6" (126")	PRECAST	716	716	716	716	716	716	716	716	396	493
11'-4" (136")	PRECAST	666	666	666	666	666	666	666	666	363	556
12'-0" (144")	PRECAST	607	607	607	607	607	607	607	607	340	494
13'-4" (160")	PRECAST	507	507	507	507	507	507	507	507	302	398
14'-0" (168")	PRECAST	458	458	458	458	458	458	458	458	286	360
14'-8" (176")	PRESTRESSED	243	243	243	243	243	243	243	243	N.R.	357
15'-4" (184")	PRESTRESSED	228	228	228	228	228	228	228	228	N.R.	327
17'-4" (208")	PRESTRESSED	188	188	188	188	188	188	188	188	N.R.	255
19'-4" (232")	PRESTRESSED	165	165	165	165	165	165	165	165	N.R.	204
21'-4" (256")	PRESTRESSED	145	145	145	145	145	145	145	145	N.R.	172
22'-0" (264")	PRESTRESSED	137	137	137	137	137	137	137	137	N.R.	161
24'-0" (288")	PRESTRESSED	124	124	124	124	124	124	124	124	N.R.	135

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

CAST CRETE / LOTS / WEKIWA / FLORIDA ROCK PRECAST LINTEL SCHEDULE

LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	9'-4"	8F48-1B/1T	GARAGE
L-2	17'-4"	8F48-1B/1T	GARAGE
L-3	7'-6"	8F48-1B/1T	6020 F.G. & (2) 3060 S.H.
L-4	3'-6"	8F48-1B/1T	2030 F.G.
L-5	4'-6"	8F48-0B/1T	3060 S.H.
L-6	10'-6"	8F8-1B/1T	(3) 3060 S.H.
L-7	10'-6"	8F16-1B/1T	(3) 3020 F.G. TR. ABV.
L-8	17'-4"	8F8-1B/1T	16'-0" X 8'-0" S.G.D.
L-9	17'-4"	8F16-1B/1T	(4) 4020 F.G. TR. ABV.
L-10	7'-6"	8F24-1B/1T	(2) 3060 S.H. w/ 6020 F.G.
L-11	7'-6"	8RF6-1B/1T	SET BTM. @ 8'-4" AFF.
L-11A	7'-6"	8F8-1B/1T	ENTRY
L-12	17'-4"	8F16-1B/1T	LANAI
L-13	11'-4"	8F16-1B/1T	LANAI
L-14	21'-4"	8F16-1B/1T	LANAI
L-15	13'-4"	8F16-1B/1T	LANAI
L-16	5'-4"	8F16-1B/1T	LANAI
L-17	4'-4"	8RF54-0B/1T	2880 DR. (OPT)



MATERIALS

1. F/C PRECAST LINTELS = 3500 PSI.
2. F/C PRESTRESSED LINTELS = 6000 PSI.
3. F/C 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

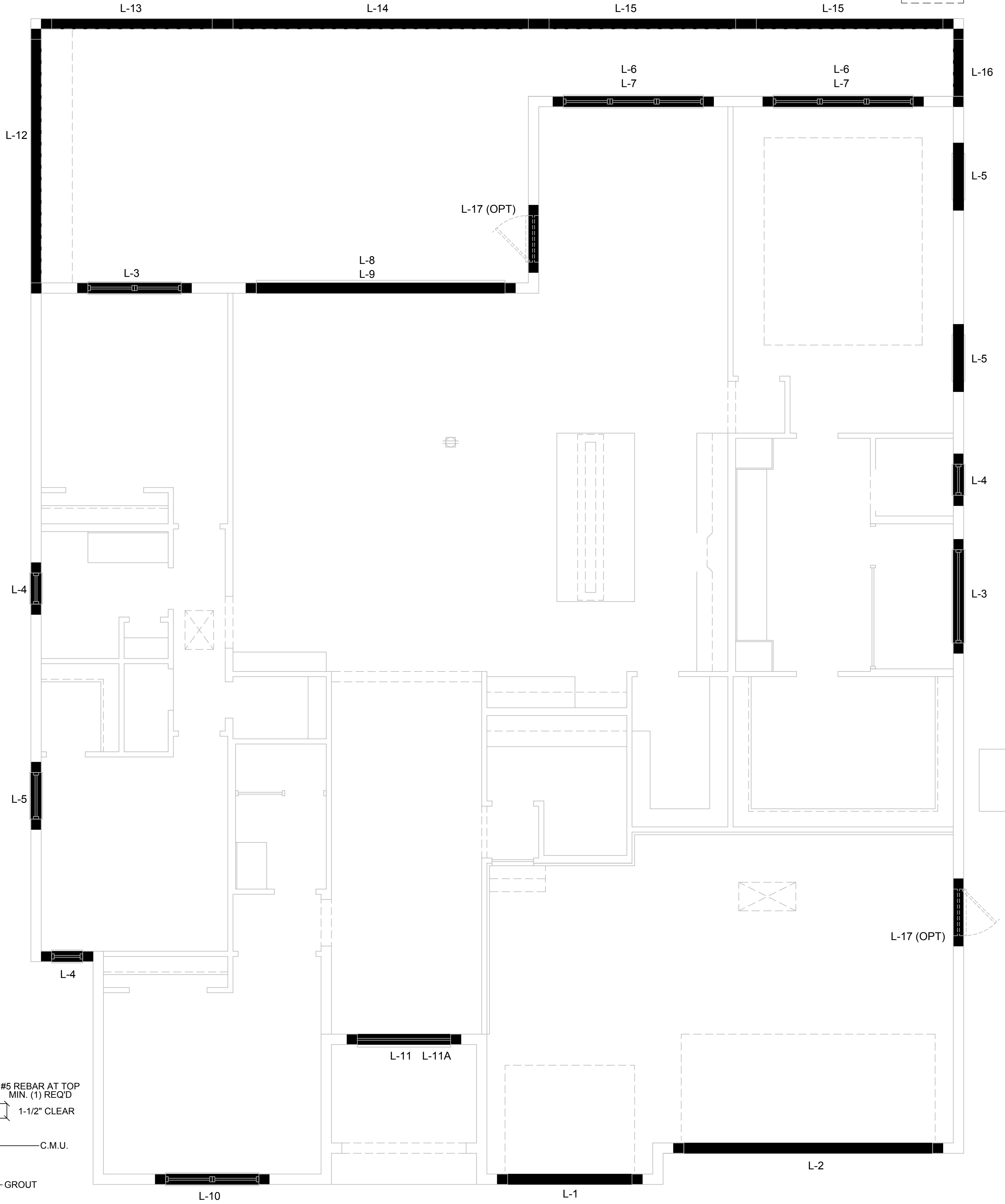
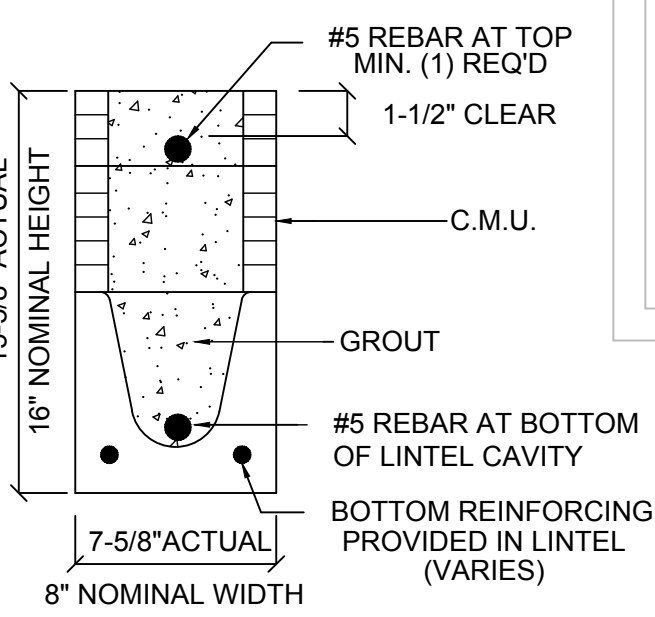
SAFE LOAD TABLE NOTES

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	8" UPLIFT									
		8RF6-1T	8RF10-1T	8RF14-1T	8RF18-1T	8RF22-1T	8RF26-1T	8RF30-1T	8R8	8RF6	
4'-4" (52")	PRECAST	1244	1573	2413	3260	4112	4967	5825	6683	932	932
4'-6" (54")	PRECAST	1192	1507	2311	3121	3937	4756	5577	6398	853	853
5'-8" (68")	PRECAST	924	1172	1795	2423	3055	3689	4325	4961	501	501
5'-10" (70")	PRECAST	896	1138	1742	2352	2965	3581	4198	4815	469	469
6'-8" (80")	PRECAST	778	882	1513	2042	2573	3107	3642	4177	830	1100
7'-6" (90")	PRECAST	688	897	1325	1810	2295	2780	3265	3750	710	941
9'-8" (116")	PRECAST	533	527	1009	1369	1728	2088	2448	2808	516	614

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



PRE-CAST LINTEL PLAN "A"

(Opt. Office & Ext. Lanai)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)

ITEG
THOMPSON ENGINEERING GROUP, INC.
4401 Vineland Road Suite A6 Orlando, FL 32811
Ph: (407) 754-1490
Fax: (407) 754-1790
www.iteg.com

815 Orienta Ave. Suite# 1040
Altamonte Springs, FL 32701
Ph: (407) 629-6711
www.mjshomedesigns.com
www.mjshomedesigns.com
Fax: (407) 629-6776

MJS
designers group
residential-commercial-architecture

AI
BD
GREATER ORLANDO BUILDERS ASSOCIATION

"CRISTO"
60-2992
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	03/03/2023
REVISIONS	
PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	C.C.
DESIGNED BY:	MJS

LINTEL PLAN
S2.A3

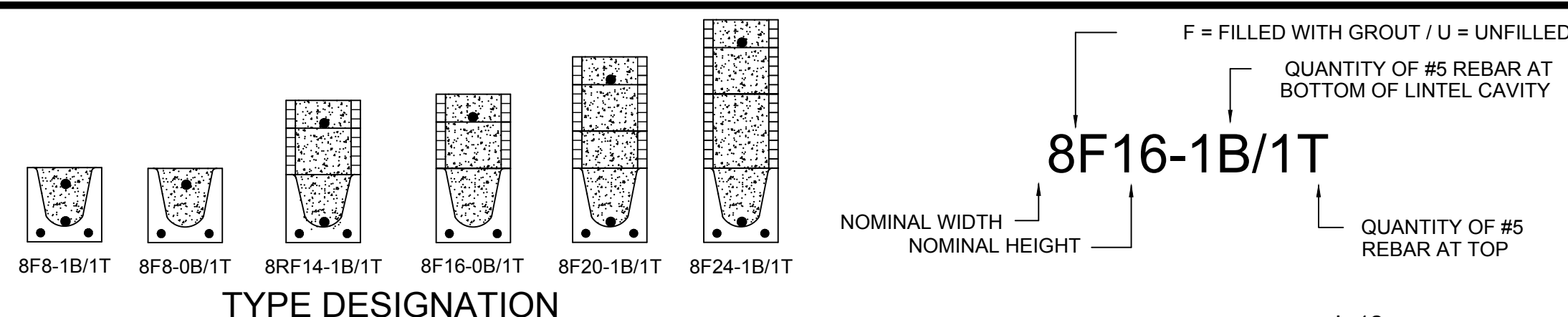
SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS									
GRAVITY									
LENGTH	TYPE	8UB	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947
4'-0" (48")	PRECAST	2029	2325	2496	3467	4438	5410	6384	7358
4'-6" (54")	PRECAST	1651	2646	4473	6039	7526	9004	10472	11936
5'-4" (64")	PRECAST	1184	1787	1913	2657	3403	4149	4896	5644
5'-10" (70")	PRECAST	972	1223	1301	1809	2317	2826	3336	3846
6'-6" (78")	PRECAST	937	1255	2101	3263	2746	3358	3971	4585
7'-6" (90")	PRECAST	767	1029	1675	2385	1994	2439	2886	3333
8'-0" (96")	PRECAST	670	830	1362	1927	1602	1961	2320	2680
8'-8" (104")	PRECAST	618	899	1445	2214	3192	4533	6513	4087
9'-4" (112")	PRECAST	573	767	1257	1779	1479	1810	2142	2474
10'-6" (126")	PRECAST	456	632	1049	1469	1210	1482	1754	2027
11'-4" (136")	PRECAST	445	598	935	1365	1154	1430	1703	2075
12'-0" (144")	PRECAST	414	555	864	1254	1093	1365	1638	1911
13'-4" (160")	PRECAST	382	427	728	1028	882	1131	1380	1629
14'-0" (168")	PRECAST	338	485	748	1076	930	1179	1428	1677
14'-8" (176")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
15'-4" (184")	PRESTRESSED	N.R.	465	765	1370	2045	2810	3585	4360
17'-4" (208")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
19'-4" (232")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
21'-4" (256")	PRESTRESSED	N.R.	183	330	610	940	1340	1780	2110
22'-0" (264")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
24'-0" (288")	PRESTRESSED	N.R.	160	300	570	870	1250	1660	1970

8" PRECAST w/ 2" RECESS DOOR U-LINTELS									
GRAVITY									
LENGTH	TYPE	8RU6	8RF6-0B	8RF10-0B	8RF14-0B	8RF18-0B	8RF22-0B	8RF26-0B	8RF30-0B
4'-4" (52")	PRECAST	1489	1591	3053	2982	3554	4529	5504	6880
4'-6" (54")	PRECAST	1357	1449	2782	2714	3600	4487	5375	6264
5'-8" (68")	PRECAST	785	832	1602	1550	2058	2586	3075	3585
5'-10" (70")	PRECAST	735	1103	2051	3811	6472	6516	5450	6411
6'-8" (80")	PRECAST	822	907	1677	2633	2576	3223	3872	4522
7'-6" (90")	PRECAST	665	761	1377	2252	1958	2451	2944	3439
9'-8" (116")	PRECAST	371	420	834	1253	1071	1342	1614	1886

8" PRECAST & PRESTRESSED U-LINTELS										
UPLIFT										
LENGTH	TYPE	8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	8UB	8F8
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021
3'-6" (42")	PRECAST	2165	2215	3165	4125	5091	6061	7036	1257	1257
4'-0" (48")	PRECAST	1878	1999	2832	3690	4532	5387	6245	938	938
4'-6" (54")	PRECAST	1660	1762	2507	3257	4010	4767	5525	727	727
5'-4" (64")	PRECAST	1393	1437	2050	2870	3293	3920	4549	505	505
5'-10" (70")	PRECAST	1272	1315	1875	2441	3010	3583	4157	418	418
6'-6" (78")	PRECAST	1141	1200	1733	2250	2769	3290	3812	707	887
7'-6" (90")	PRECAST	959	912	1475	1914	2354	2797	3240	591	657
9'-4" (112")	PRECAST	801	811	1239	1680	2121	2562	3003	454	630
10'-6" (126")	PRECAST	716	611	1039	1389	1711	2034	2358	396	493
11'-4" (136")	PRECAST	666	439	696	899	1104	1309	1515	363	556
12'-0" (144")	PRECAST	607	400	631	816	1001	1186	1372	340	494
13'-4" (160")	PRECAST	500	340	532	686	841	997	1153	302	398
14'-0" (168")	PRECAST	458	316	483	635	778	922	1065	286	360
14'-8" (176")	PRESTRESSED	243	295	459	591	724	857	990	N.R.	357
15'-4" (184")	PRESTRESSED	228	278	430	553	677	801	925	N.R.	327
17'-4" (208")	PRESTRESSED	188	276	449	649	874	1121	1389	N.R.	255
19'-4" (232")	PRESTRESSED	165	207	313	401	490	578	667	N.R.	204
21'-4" (256")	PRESTRESSED	142	186	278	356	433	512	590	N.R.	172
22'-0" (264")	PRESTRESSED	137	155	244	312	380	447	515	N.R.	161
24'-0" (288")	PRESTRESSED	124	166	250	328	408	488	568	N.R.	135

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



CAST CRETE / LOTT'S / WEKIWA / FLORIDA ROCK PRECAST LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	9'-4"	8F48-1B/1T	GARAGE
L-2	17'-4"	8F48-1B/1T	GARAGE
L-3	7'-6"	8F48-1B/1T	6020 F.G. & (2) 3060 S.H.
L-4	3'-6"	8F48-1B/1T	2030 F.G.
L-5	4'-6"	8F48-0B/1T	3060 S.H.
L-6	10'-6"	8F8-1B/1T	(3) 3060 S.H.
L-7	10'-6"	8F16-1B/1T	(3) 3020 F.G. TR. ABV.
L-8	17'-4"	8F8-1B/1T	16'-0" X 8'-0" S.G.D.
L-9	17'-4"	8F16-1B/1T	(4) 4020 F.G. TR. ABV.
L-10	4'-6"	8F24-1B/1T	3060 S.H. W/ 3020 F.G.
L-11	7'-6"	8RF6-1B/1T	SET BTM. @ 8'-4" A.F.F.
L-11A	7'-6"	8F8-1B/1T	ENTRY
L-12	12'-0"	8F16-1B/1T	LANAI
L-13	21'-4"	8F16-1B/1T	LANAI
L-14	4'-6"	8RF54-0B/1T	2880 DR. (OPT)

MATERIALS

- F/C PRECAST LINTELS = 3500 PSI.
- F/C PRESTRESSED LINTELS = 6000 PSI.
- F/C GROUT = 3000 PSI W/ MAXIMUM 3/8" AGGREGATE.
- CONCRETE MASONRY UNITS (CMU) PER ASTM C90 W/ MINIMUM NET AREA COMPRESSIVE STRENGTH = 1900 PSI.
- REBAR PROVIDED IN PRECAST LINTEL PER ASTM A615 GR60. FIELD REBAR PER ASTM A615 GR40 OR GR60.
- PRESTRESSING STRAND PER ASTM A416 GRADE 270 LOW RELAXATION.
- 7/32 WIRE PER ASTM A510.
- MORTAR PER ASTM C270 TYPE M OR S.

GENERAL NOTES

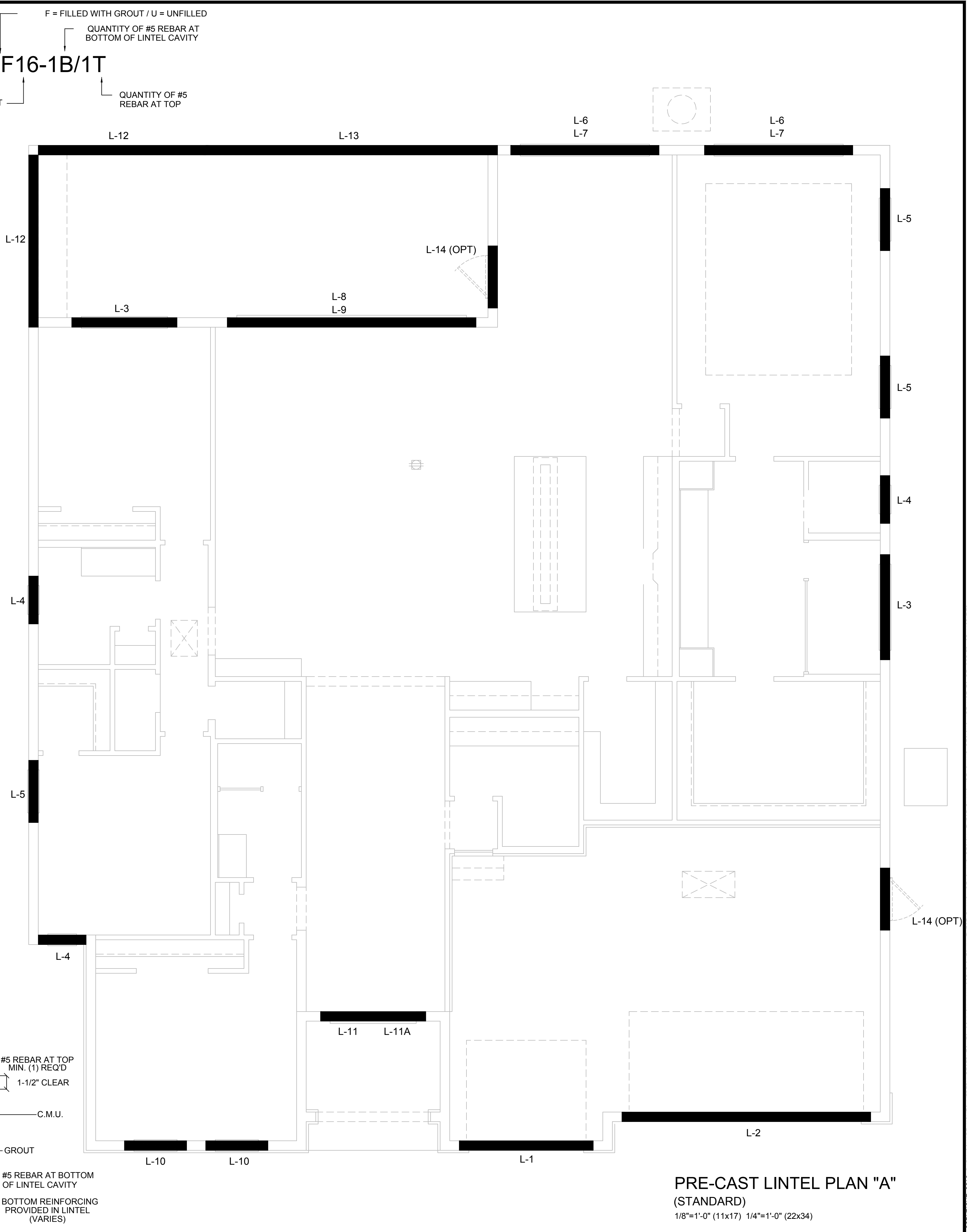
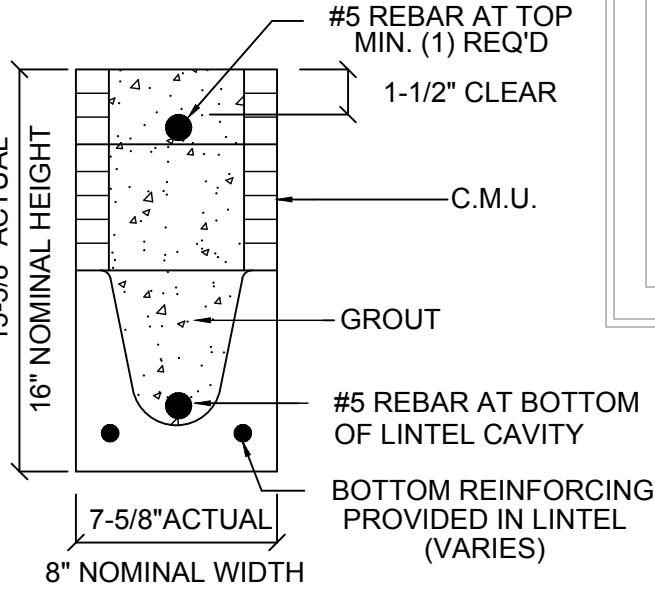
- PROVIDE FULL MORTAR HEAD AND BED JOINTS.
- SHORE FILLED LINTELS AS REQUIRED.
- INSTALLATION OF LINTEL MUST COMPLY WITH THE ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS.
- LINTELS ARE MANUFACTURED WITH 5-1/2" LONG NOTCHES AT THE ENDS TO ACCOMMODATE VERTICAL CELL REINFORCING AND GROUTING.
- ALL LINTELS MEET OR EXCEED L/360 VERTICAL DEFLECTION, EXCEPT LINTELS 17'-4" AND LONGER WITH A NOMINAL HEIGHT OF 8" MEET OR EXCEED L/180.
- BOTTOM FIELD ADDED REBAR TO BE LOCATED AT THE BOTTOM OF THE LINTEL CAVITY.
- 7/32" DIAMETER WIRE STIRRUPS ARE WELDED TO THE BOTTOM STEEL FOR MECHANICAL ANCHORAGE.
- CAST-IN-PLACE CONCRETE MAY BE PROVIDED IN COMPOSITE LINTEL IN LIEU OF CONCRETE MASONRY UNITS.
- SAFE LOAD RATINGS BASED ON RATIONAL DESIGN ANALYSIS PER ACI 318 AND ACI 530

SAFE LOAD TABLE NOTES

- ALL VALUES BASED ON MINIMUM 4" BEARING. EXCEPTION: SAFE LOADS FOR UNFILLED LINTELS MUST BE REDUCED BY 20% IF BEARING LENGTH IS LESS THAN 6-1/2". SAFE LOADS FOR ALL RECESSED LINTELS BASED ON 8" NOMINAL BEARING.
- N.R. = NOT RATED.
- SAFE LOADS ARE TOTAL SUPERIMPOSED ALLOWABLE LOAD ON THE SECTION SPECIFIED.
- SAFE LOADS BASED ON GRADE 40 OR GRADE 60 FIELD REBAR.
- ADDITIONAL LATERAL LOAD CAPACITY CAN BE OBTAINED BY THE DESIGNER BY PROVIDING ADDITIONAL REINFORCED MASONRY ABOVE THE PRECAST LINTEL.
- ONE #7 REBAR MAY BE SUBSTITUTED FOR TWO #5 REBARS IN 8" LINTELS ONLY. THE DESIGNER MAY EVALUATE CONCENTRATED LOADS FROM THE SAFE LOAD TABLES BY CALCULATING THE MAXIMUM RESISTING MOMENT AND SHEAR AT D-AWAY FROM THE FACE OF SUPPORT.
- FOR COMPOSITE LINTEL HEIGHTS NOT SHOWN, USE SAFE LOAD FROM NEXT LOWER HEIGHT.
- ALL SAFE LOADS IN UNITS OF POUNDS PER LINEAR FOOT.

8" PRECAST w/ 2" RECESS DOOR U-LINTELS										
UPLIFT										
LENGTH	TYPE	8RF6-1T	8RF10-1T	8RF14-1T	8RF18-1T	8RF22-1T	8RF26-1T	8RF30-1T	8RU6	8RF6
4'-4" (52")	PRECAST	1244	1573	2413	3260	4112	4967	5825	932	932
4'-6" (54")	PRECAST	1192	1507	2311	3121	3937	4756	5577	853	853
5'-8" (68")	PRECAST	924	1172	1795	2423	3055	3689	4325	501	501
5'-10" (70")	PRECAST	896	1138	1742	2352	2965	3581	4198	469	469
6'-8" (80")	PRECAST	778	882	1513	2042	2573	3107	3642	830	1100
7'-6" (90")	PRECAST	688	897	1325	1867	2509	3035	3563	710	941
9'-8" (116")	PRECAST	533	433	808	1123	1413	1704	1995	516	614

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



PRE-CAST LINTEL PLAN "A"
(STANDARD)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)

ITEG
THOMPSON ENGINEERING GROUP, INC.
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MJS
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residential-commercial-architecture

AI BD
GREATER ORLANDO BUILDERS ASSOCIATION

"CRISTO"
60-2992
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 03/03/2023
REVISIONS
PROJECT: 00-0000
SCALE: AS NOTED
DRAWN BY: C.C.
DESIGNED BY: MJS
LINTEL PLAN
S2.B

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SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS									
GRAVITY									
LENGTH	TYPE	808	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947
4'-0" (48")	PRECAST	2029	2325	2496	3467	4438	5410	6384	7358
4'-6" (54")	PRECAST	1651	2046	2146	2898	3726	4554	5382	6210
5'-4" (64")	PRECAST	1184	1665	1765	2398	3126	3854	4582	5310
5'-10" (70")	PRECAST	972	1000	1059	1474	1889	2304	2721	3137
6'-6" (78")	PRECAST	937	1255	1355	1826	2297	2868	3439	4010
7'-6" (90")	PRECAST	767	1029	1075	1438	1854	2270	2686	3102
8'-0" (96")	PRECAST	670	830	862	1132	1458	1784	2110	2436
8'-8" (104")	PRECAST	618	767	799	1049	1359	1669	1979	2289
9'-4" (112")	PRECAST	573	632	664	884	1114	1344	1574	1804
10'-6" (126")	PRECAST	456	482	508	682	856	1030	1204	1378
11'-4" (136")	PRECAST	445	468	491	645	819	993	1167	1341
12'-0" (144")	PRECAST	414	437	460	604	778	952	1126	1300
13'-4" (160")	PRECAST	362	385	408	552	706	860	1014	1168
14'-0" (168")	PRECAST	338	361	384	528	682	836	990	1144
14'-8" (176")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
15'-4" (184")	PRESTRESSED	N.R.	465	515	695	875	1055	1235	1415
17'-4" (208")	PRESTRESSED	N.R.	420	470	650	830	1010	1190	1370
19'-4" (232")	PRESTRESSED	N.R.	310	360	540	720	900	1080	1260
21'-4" (256")	PRESTRESSED	N.R.	240	290	470	650	830	1010	1190
22'-0" (264")	PRESTRESSED	N.R.	160	210	390	570	750	930	1110
24'-0" (288")	PRESTRESSED	N.R.	130	180	360	540	720	900	1080

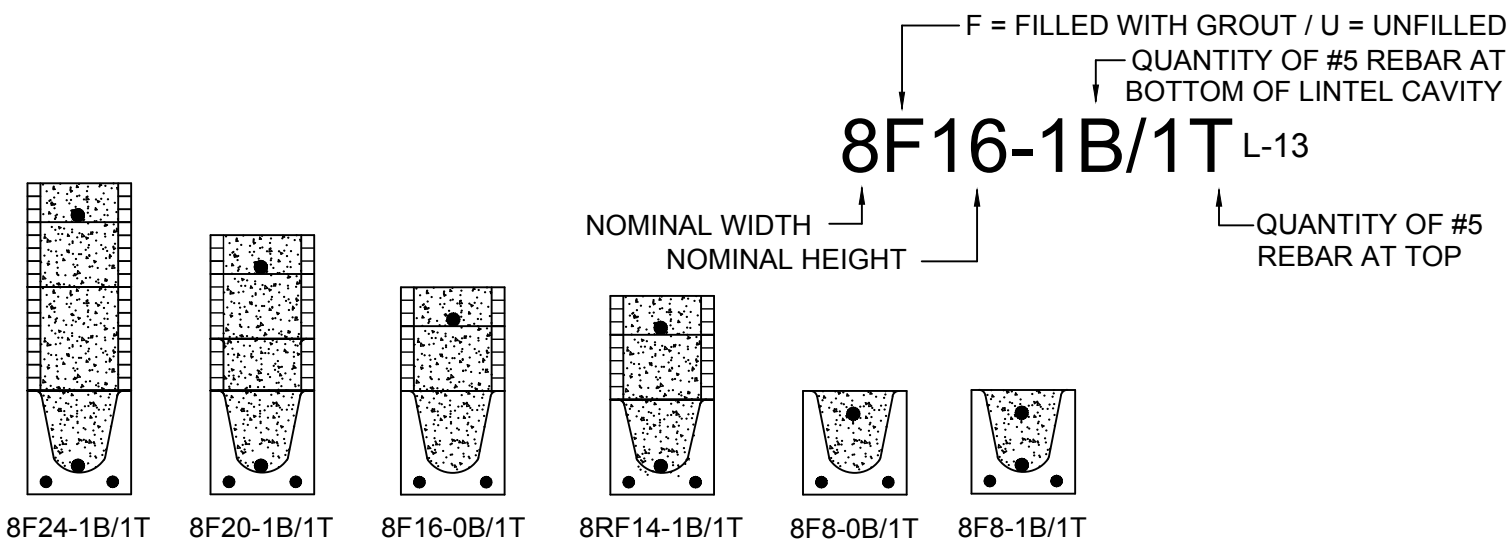
8" PRECAST w/ 2" RECESS DOOR U-LINTELS									
GRAVITY									
LENGTH	TYPE	8RU6	8RF6-0B	8RF10-0B	8RF14-0B	8RF18-0B	8RF22-0B	8RF26-0B	8RF30-0B
4'-4" (52")	PRECAST	1489	1591	1703	2297	2891	3485	4079	4673
4'-6" (54")	PRECAST	1357	1449	1541	2035	2529	3023	3517	4011
5'-8" (68")	PRECAST	785	832	879	1153	1427	1701	1975	2249
5'-10" (70")	PRECAST	735	779	823	1093	1367	1641	1915	2189
6'-8" (80")	PRECAST	622	665	708	978	1252	1526	1800	2074
7'-6" (90")	PRECAST	665	708	751	1021	1295	1569	1843	2117
9'-8" (116")	PRECAST	371	420	469	739	1009	1279	1549	1819

8" PRECAST & PRESTRESSED U-LINTELS										
UPLIFT										
LENGTH	TYPE	8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	8UB	8FB
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	1999	2832	3680	4532	5387	6245	938	938
4'-6" (54")	PRECAST	1660	1725	2435	3171	3913	4658	5408	727	727
5'-4" (64")	PRECAST	1393	1437	2050	2670	3293	3920	4549	505	505
5'-10" (70")	PRECAST	1272	1315	1875	2441	3010	3583	4157	418	418
6'-6" (78")	PRECAST	1141	1182	1684	2192	2703	3216	3732	707	887
7'-6" (90")	PRECAST	959	912	1475	1914	2354	2797	3240	591	657
9'-4" (112")	PRECAST	801	612	980	1269	1560	1852	2144	454	630
10'-6" (126")	PRECAST	716	498	793	1027	1261	1496	1731	396	493
11'-4" (136")	PRECAST	666	439	696	899	1104	1309	1515	363	556
12'-0" (144")	PRECAST	607	371	631	836	1041	1246	1451	340	494
13'-4" (160")	PRECAST	507	340	532	686	841	997	1153	302	398
14'-0" (168")	PRECAST	458	316	493	635	778	922	1065	286	360
14'-8" (176")	PRESTRESSED	243	295	459	591	724	857	990	N.R.	357
15'-4" (184")	PRESTRESSED	228	278	430	553	677	801	925	N.R.	327
17'-4" (208")	PRESTRESSED	188	276	449	649	874	1121	1389	N.R.	255
19'-4" (232")	PRESTRESSED	165	207	313	401	490	578	667	N.R.	204
21'-4" (256")	PRESTRESSED	145	186	278	356	433	512	590	N.R.	172
22'-0" (264")	PRESTRESSED	127	165	244	312	380	447	515	N.R.	161
24'-0" (288")	PRESTRESSED	124	186	290	358	426	494	562	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	9'-4"	8F48-1B/1T	GARAGE
L-2	17'-4"	8F48-1B/1T	GARAGE
L-3	7'-6"	8F48-1B/1T	6020 F.G. & (2) 3060 S.H.
L-4	3'-6"	8F48-1B/1T	2030 F.G.
L-5	4'-6"	8F48-0B/1T	3060 S.H.
L-6	10'-6"	8F8-1B/1T	(3) 3060 S.H.
L-7	10'-6"	8F16-1B/1T	(3) 3020 F.G. TR. ABV.
L-8	17'-4"	8F8-1B/1T	16'-0" X 8'-0" S.G.D.
L-9	17'-4"	8F16-1B/1T	(4) 4020 F.G. TR. ABV.
L-10	4'-6"	8F24-1B/1T	3060 S.H. W/ 3020 F.G.
L-11	7'-6"	8RF6-1B/1T	SET BTM. @ 8'-4" AFF.
L-11A	7'-6"	8F8-1B/1T	ENTRY
L-12	17'-4"	8F16-1B/1T	LANAI
L-13	11'-4"	8F16-1B/1T	LANAI
L-14	21'-4"	8F16-1B/1T	LANAI
L-15	13'-4"	8F16-1B/1T	LANAI
L-16	5'-4"	8F16-1B/1T	LANAI
L-17	4'-4"	8RF54-0B/1T	2880 DR. (OPT)



MATERIALS

1. F/C PRECAST LINTELS = 3500 PSI.
2. F/C PRESTRESSED LINTELS = 6000 PSI.
3. F/C 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

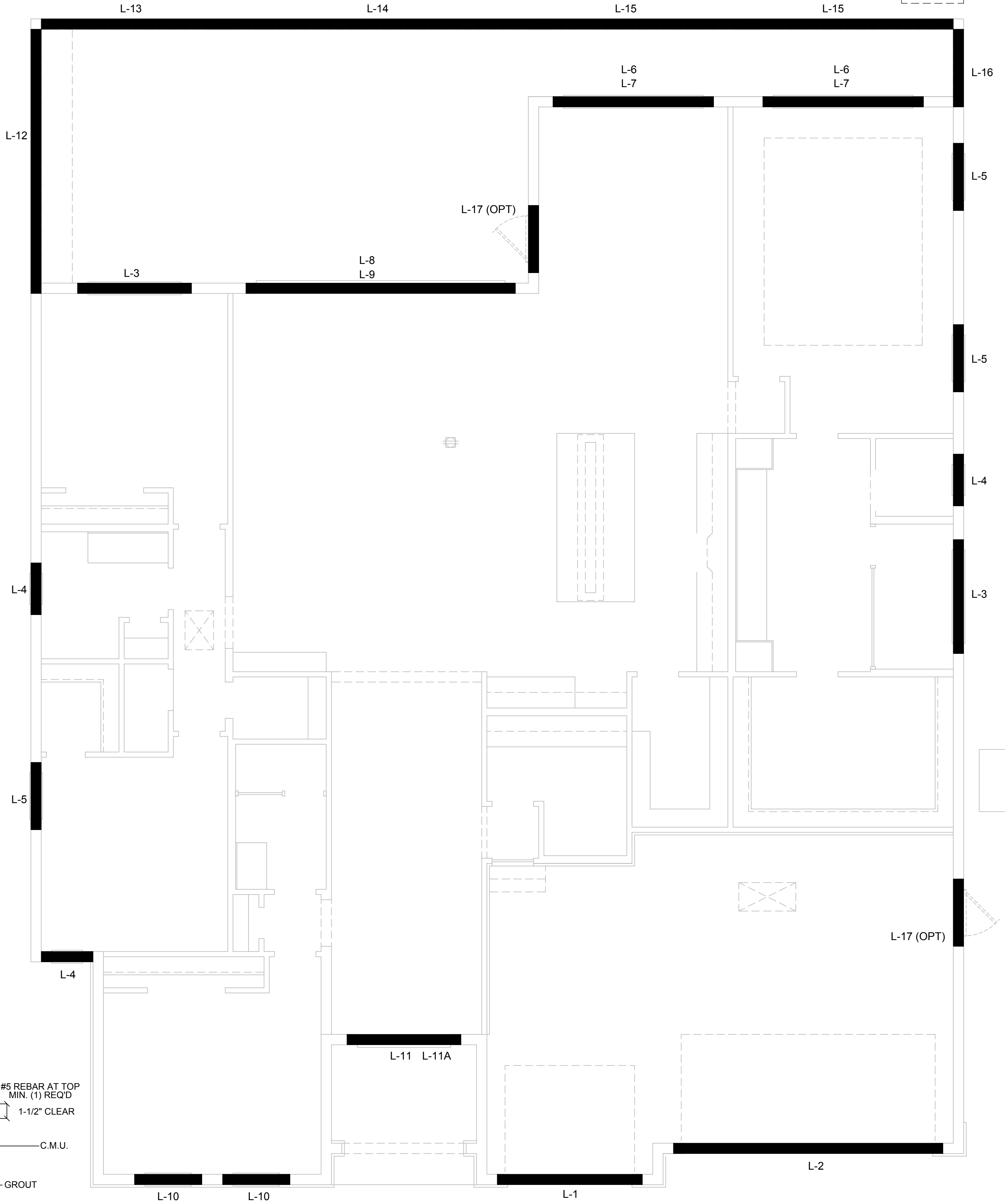
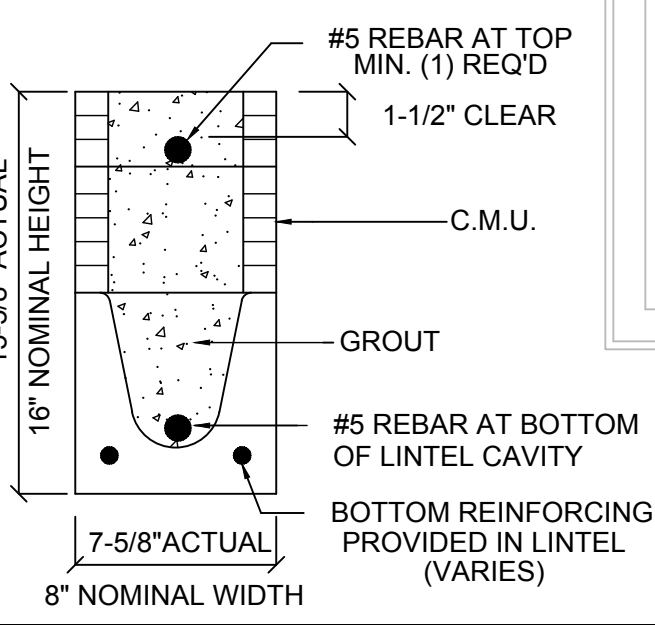
SAFE LOAD TABLE NOTES

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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.
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7. THE DESIGNER MAY EVALUATE CONCENTRATED LOADS FROM THE SAFE LOAD TABLES BY CALCULATING THE MAXIMUM RESISTING MOMENT AND SHEAR AT D-AWAY FROM THE FACE OF SUPPORT.
8. FOR COMPOSITE LINTEL HEIGHTS NOT SHOWN, USE SAFE LOAD FROM NEXT LOWER HEIGHT.
9. ALL SAFE LOADS IN UNITS OF POUNDS PER LINEAR FOOT.

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

UPLIFT										
LENGTH	TYPE	8RF6-1T	8RF10-1T	8RF14-1T	8RF18-1T	8RF22-1T	8RF26-1T	8RF30-1T	8RU6	8RF6
4'-4" (52")	PRECAST	1244	1573	2413	3260	4112	4967	5825	932	932
4'-6" (54")	PRECAST	1192	1507	2311	3121	3937	4756	5577	853	853
5'-8" (68")	PRECAST	924	1172	1795	2423	3055	3689	4325	501	501
5'-10" (70")	PRECAST	896	1138	1741	2357	2978	3603	4230	469	469
6'-8" (80")	PRECAST	778	882	1513	2042	2573	3107	3642	830	1100
7'-6" (90")	PRECAST	688	697	1255	1610	2286	2753	3227	710	941
9'-8" (116")	PRECAST	533	433	808	1123	1413	1704	1995	516	614

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



PRE-CAST LINTEL PLAN "B" (Opt. Office & Ext. Lanai)

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

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AI
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GREATER ORLANDO BUILDERS ASSOCIATION

"CRISTO"
60-2992
Lot # - Subdivision
Street Address
City, State, Zip

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Park Square HOMES

ISSUE DATE	03/03/2023
REVISIONS	
PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	C.C.
DESIGNED BY:	MJS

LINTEL PLAN
S2.B1

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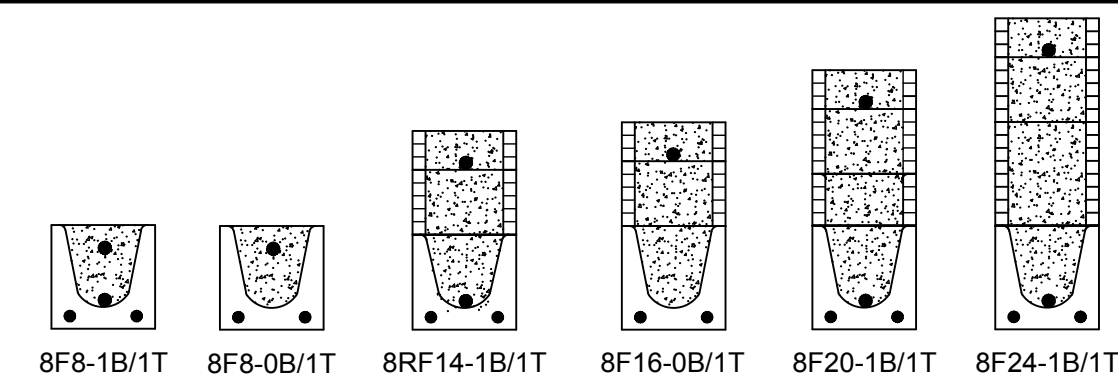
SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS										
GRAVITY										
LENGTH	TYPE	8" U8								
		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	8F36-0B 8F36-1B	
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936	
3'-6" (42")	PRECAST	2302	3138	4473	6039	7526	9004	10472	11936	
4'-0" (48")	PRECAST	2029	2325	2946	3467	4438	5410	6384	7358	
4'-6" (54")	PRECAST	1651	2046	2667	3288	3909	4530	5151	5772	
5'-4" (64")	PRECAST	1184	1579	2199	2819	3439	4059	4679	5299	
5'-10" (70")	PRECAST	972	1367	1987	2607	3227	3847	4467	5087	
6'-6" (78")	PRECAST	937	1332	1952	2572	3192	3812	4432	5052	
7'-6" (90")	PRECAST	767	1162	1782	2402	3022	3642	4262	4882	
8'-0" (96")	PRECAST	670	1065	1685	2305	2925	3545	4165	4785	
8'-8" (104")	PRECAST	618	1013	1633	2253	2873	3493	4113	4733	
9'-4" (112")	PRECAST	573	968	1588	2208	2828	3448	4068	4688	
10'-6" (126")	PRECAST	456	851	1471	2091	2711	3331	3951	4571	
11'-4" (136")	PRECAST	445	840	1460	2080	2700	3320	3940	4560	
12'-0" (144")	PRECAST	414	809	1429	2049	2669	3289	3909	4529	
13'-4" (160")	PRECAST	362	757	1377	1997	2617	3237	3857	4477	
14'-0" (168")	PRECAST	338	726	1346	1966	2586	3206	3826	4446	
14'-8" (176")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	
15'-4" (184")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	
17'-4" (208")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	
19'-4" (232")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	
21'-4" (256")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	
22'-0" (264")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	
24'-0" (288")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	

8" PRECAST w/ 2" RECESS DOOR U-LINTELS										
GRAVITY										
LENGTH	TYPE	8" U8								
		8R8-0B 8R8-1B	8R12-0B 8R12-1B	8R16-0B 8R16-1B	8R20-0B 8R20-1B	8R24-0B 8R24-1B	8R28-0B 8R28-1B	8R32-0B 8R32-1B	8R36-0B 8R36-1B	
4'-4" (52")	PRECAST	1489	1591	2053	2515	2977	3439	3901	4363	
4'-6" (54")	PRECAST	1357	1449	1911	2373	2835	3297	3759	4221	
5'-8" (68")	PRECAST	785	832	1302	1764	2226	2688	3150	3612	
5'-10" (70")	PRECAST	735	779	1249	1711	2173	2635	3097	3559	
6'-8" (80")	PRECAST	622	666	1128	1590	2052	2514	2976	3438	
7'-6" (90")	PRECAST	665	709	1171	1633	2095	2557	3019	3481	
9'-8" (116")	PRECAST	371	420	834	1253	1672	2091	2510	2929	

8" PRECAST & PRESTRESSED U-LINTELS										
UPLIFT										
LENGTH	TYPE	8" U8								
		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	8F36-1T 8F36-2T	
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055		2021
3'-6" (42")	PRECAST	2165	2215	3165	4125	5091	6061	7036		1257
4'-0" (48")	PRECAST	1878	1989	2832	3680	4532	5387	6245		938
4'-6" (54")	PRECAST	1660	1762	2507	3257	4010	4767	5525		727
5'-4" (64")	PRECAST	1393	1437	2050	2670	3293	3920	4549		505
5'-10" (70")	PRECAST	1272	1315	1875	2411	3010	3583	4157		418
6'-6" (78")	PRECAST	1141	1200	1733	2250	2769	3290	3812		707
7'-6" (90")	PRECAST	959	912	1475	1914	2354	2797	3240		591
9'-4" (112")	PRECAST	801	811	1192	1550	1910	2271	2634		454
10'-6" (126")	PRECAST	716	716	1039	1389	1711	2034	2358		396
11'-4" (136")	PRECAST	666	666	939	1259	1559	1859	2159		363
12'-0" (144")	PRECAST	631	631	898	1218	1518	1818	2118		340
13'-4" (160")	PRECAST	500	500	730	1050	1370	1690	2010		302
14'-0" (168")	PRECAST	458	458	683	1003	1323	1643	1963		286
14'-8" (176")	PRESTRESSED	243	243	352	461	570	679	788		N.R.
15'-4" (184")	PRESTRESSED	228	228	337	446	555	664	773		N.R.
17'-4" (208")	PRESTRESSED	188	188	277	366	455	544	633		N.R.
19'-4" (232")	PRESTRESSED	165	165	234	323	412	501	590		N.R.
21'-4" (256")	PRESTRESSED	142	142	201	290	379	468	557		N.R.
22'-0" (264")	PRESTRESSED	137	137	196	285	374	463	552		N.R.
24'-0" (288")	PRESTRESSED	127	127	185	274	363	452	541		N.R.

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



TYPE DESIGNATION

CAST CRETE / LOTT'S / WEKIWA / FLORIDA ROCK			
PRECAST LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	9'-4"	8F48-1B/1T	GARAGE
L-2	17'-4"	8F48-1B/1T	GARAGE
L-3	7'-6"	8F48-1B/1T	6020 F.G. & (2) 3060 S.H.
L-4	3'-6"	8F48-1B/1T	2030 F.G.
L-5	4'-6"	8F48-0B/1T	3060 S.H.
L-6	10'-6"	8F8-1B/1T	(3) 3020 F.G. TR. ABV.
L-7	17'-4"	8F8-1B/1T	16'-0" X 8'-0" S.G.D.
L-8	17'-4"	8F16-1B/1T	(4) 4020 F.G. TR. ABV.
L-9	4'-6"	8F24-1B/1T	3060 S.H. W/ 3020 F.G.
L-10	7'-6"	8F6-1B/1T	SET BTM. @ 8'-4" A.F.F.
L-11A	7'-6"	8F8-1B/1T	ENTRY
L-12	12'-0"	8F16-1B/1T	LANAI
L-13	21'-4"	8F16-1B/1T	LANAI
L-14	4'-6"	8RF54-0B/1T	2880 DR. (OPT)

MATERIALS

- F/C PRECAST LINTELS = 3500 PSI.
- F/C PRESTRESSED LINTELS = 6000 PSI.
- F/C GROUT = 3000 PSI W/ MAXIMUM 3/8" AGGREGATE.
- CONCRETE MASONRY UNITS (CMU) PER ASTM C90 W/ MINIMUM NET AREA COMPRESSIVE STRENGTH = 1900 PSI.
- REBAR PROVIDED IN PRECAST LINTEL PER ASTM A615 GR60. FIELD REBAR PER ASTM A615 GR40 OR GR60.
- PRESTRESSING STRAND PER ASTM A416 GRADE 270 LOW RELAXATION.
- 7/32 WIRE PER ASTM A510.
- MORTAR PER ASTM C270 TYPE M OR S.

GENERAL NOTES

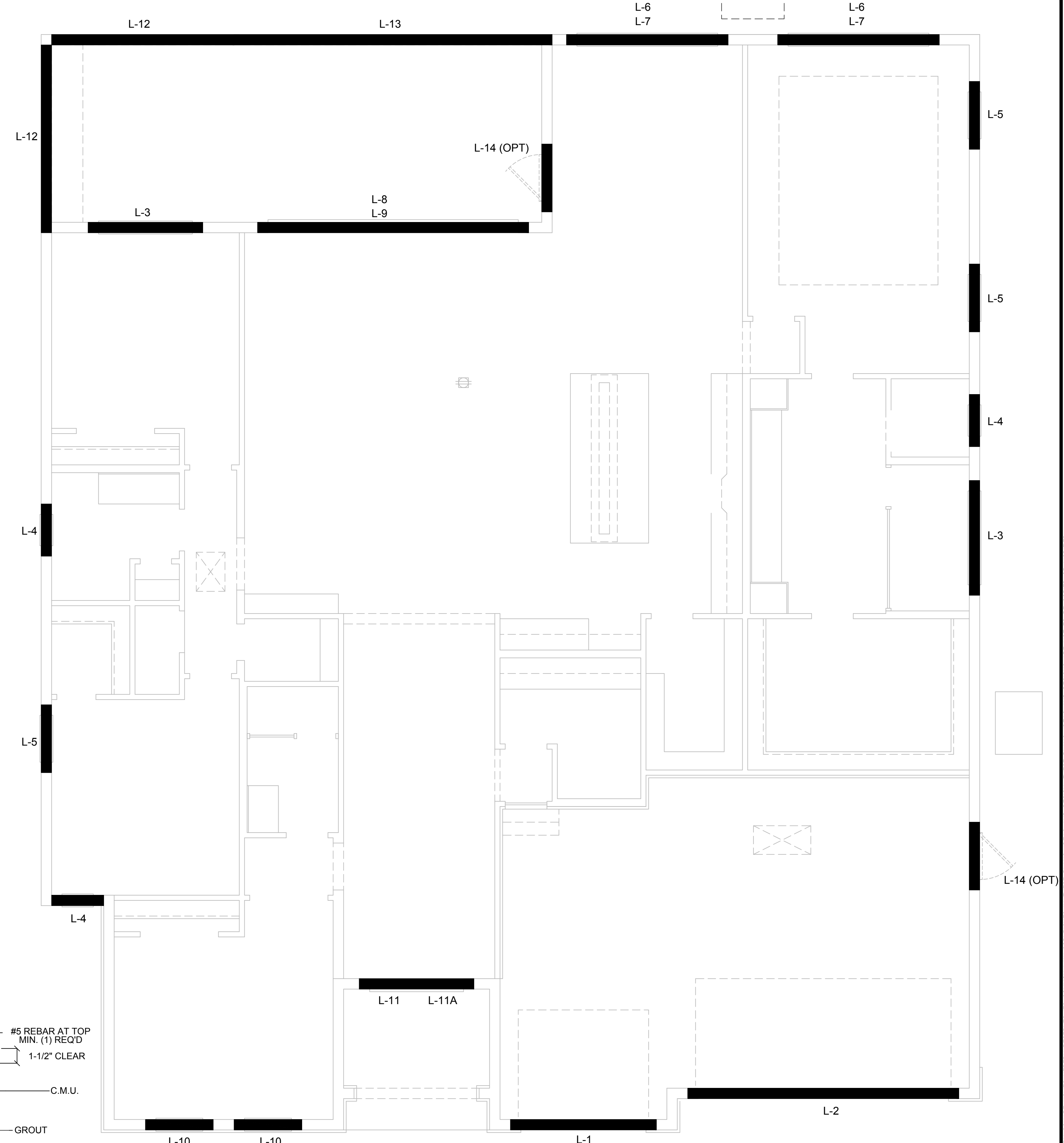
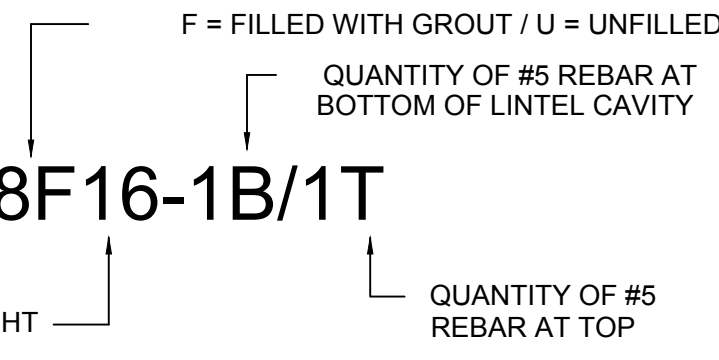
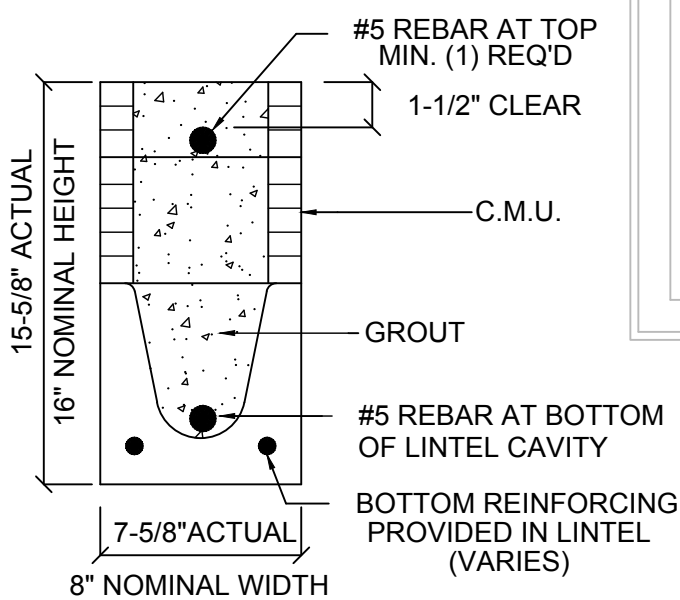
- PROVIDE FULL MORTAR HEAD AND BED JOINTS.
- SHORE FILLED LINTELS AS REQUIRED.
- INSTALLATION OF LINTEL MUST COMPLY WITH THE ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS.
- LINTELS ARE MANUFACTURED WITH 5-1/2" LONG NOTCHES AT THE ENDS TO ACCOMMODATE VERTICAL CELL REINFORCING AND GROUTING.
- ALL LINTELS MEET OR EXCEED L/360 VERTICAL DEFLECTION, EXCEPT LINTELS 17'-4" AND LONGER WITH A NOMINAL HEIGHT OF 8" MEET OR EXCEED L/180.
- BOTTOM FIELD ADDED REBAR TO BE LOCATED AT THE BOTTOM OF THE LINTEL CAVITY.
- 7/32" DIAMETER WIRE STIRRUPS ARE WELDED TO THE BOTTOM STEEL FOR MECHANICAL ANCHORAGE.
- CAST-IN-PLACE CONCRETE MAY BE PROVIDED IN COMPOSITE LINTEL IN LIEU OF CONCRETE MASONRY UNITS.
- SAFE LOAD RATINGS BASED ON RATIONAL DESIGN ANALYSIS PER ACI 318 AND ACI 530

SAFE LOAD TABLE NOTES

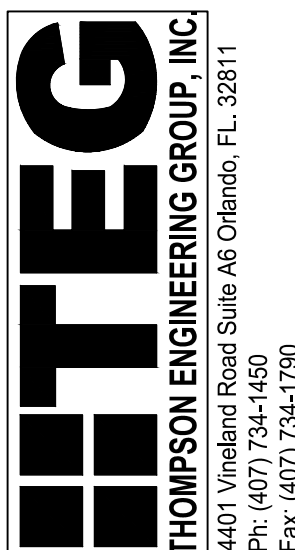
- ALL VALUES BASED ON MINIMUM 4" BEARING. EXCEPTION: SAFE LOADS FOR UNFILLED LINTELS MUST BE REDUCED BY 20% IF BEARING LENGTH IS LESS THAN 6-1/2". SAFE LOADS FOR ALL RECESSED LINTELS BASED ON 8" NOMINAL BEARING.
- N.R. = NOT RATED.
- SAFE LOADS ARE TOTAL SUPERIMPOSED ALLOWABLE LOAD ON THE SECTION SPECIFIED.
- SAFE LOADS BASED ON GRADE 40 OR GRADE 60 FIELD REBAR.
- ADDITIONAL LATERAL LOAD CAPACITY CAN BE OBTAINED BY THE DESIGNER BY PROVIDING ADDITIONAL REINFORCED MASONRY ABOVE THE PRECAST LINTEL.
- ONE #7 REBAR MAY BE SUBSTITUTED FOR TWO #5 REBARS IN 8" LINTELS ONLY. THE DESIGNER MAY EVALUATE CONCENTRATED LOADS FROM THE SAFE LOAD TABLES BY CALCULATING THE MAXIMUM RESISTING MOMENT AND SHEAR AT D-AWAY FROM THE FACE OF SUPPORT.
- FOR COMPOSITE LINTEL HEIGHTS NOT SHOWN, USE SAFE LOAD FROM NEXT LOWER HEIGHT.
- ALL SAFE LOADS IN UNITS OF POUNDS PER LINEAR FOOT.

8" PRECAST w/ 2" RECESS DOOR U-LINTELS										
UPLIFT										
LENGTH	TYPE	8" U8								
		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	8RF36-1T 8RF36-2T	
4'-4" (52")	PRECAST	1244	1573	2413	3260	4112	4967	5825		932
4'-6" (54")	PRECAST	1192	1507	2311	3121	3937	4756	5577		853
5'-8" (68")	PRECAST	924	1172	1795	2423	3055	3689	4325		501
5'-10" (70")	PRECAST	896	1138	1742	2352	2965	3581	4198		469
6'-8" (80")	PRECAST	778	882	1513	2042	2573	3107	3642		830
7'-6" (90")	PRECAST	688	697	1325	1810	2280	2753	3227		710
9'-8" (116")	PRECAST	533	527	1009	1369	1728	2088	2450		516

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



PRE-CAST LINTEL PLAN "B"
(STANDARD)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)




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ISSUE DATE 03/03/2023

REVISIONS

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

LINTEL PLAN
S2.B2

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SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS		GRAVITY									
LENGTH	TYPE	808	8F8-OB		8F12-OB		8F16-OB		8F20-OB		
			8F8-1B	8F8-1B	8F12-1B	8F12-1B	8F16-1B	8F16-1B	8F20-1B	8F20-1B	8F24-1B
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	2325	2496	3467	4438	5410	6384	7358		
4'-6" (54")	PRECAST	1651	2946	4473	6039	7526	9004	10472	11936		
5'-4" (64")	PRECAST	1184	2170	4027	6039	7526	9004	10472	11936		
5'-10" (70")	PRECAST	972	1223	1301	1809	2317	2826	3336	3846		
6'-6" (78")	PRECAST	937	1665	2889	5057	6096	5400	6424	7450		
7'-6" (90")	PRECAST	767	1029	1675	2610	3839	5596	6613	8047		
8'-0" (96")	PRECAST	670	830	1362	1927	2602	3388	4191	5012		
8'-8" (104")	PRECAST	618	899	1445	2214	3192	4533	6513	8087		
9'-4" (112")	PRECAST	573	767	1257	1779	2479	3366	4342	5418		
10'-6" (126")	PRECAST	456	829	1332	2044	2946	4184	6012	8773		
11'-4" (136")	PRECAST	445	632	1049	1469	2101	2946	4184	6012		
12'-0" (144")	PRECAST	414	768	1212	1818	2544	3469	4903	6927		
13'-4" (160")	PRECAST	362	492	802	1125	1551	2122	2928	4064		
14'-0" (168")	PRECAST	338	650	1025	1514	2081	2774	3714	5044		
14'-8" (176")	PRESTRESSED	N.R.	598	935	1365	1854	2555	3573	4903		
15'-4" (184")	PRESTRESSED	N.R.	598	935	1365	1854	2541	3415	4544		
17'-4" (208")	PRESTRESSED	N.R.	545	864	1254	1689	2274	3150	4244		
19'-4" (232")	PRESTRESSED	N.R.	555	864	1254	1693	2211	2932	3990		
21'-4" (252")	PRESTRESSED	N.R.	427	728	1028	1331	1635	2244	3024		
22'-0" (264")	PRESTRESSED	N.R.	485	748	1076	1438	1855	2343	2920		
24'-0" (288")	PRESTRESSED	N.R.	381	648	919	1190	1462	1887	2280		

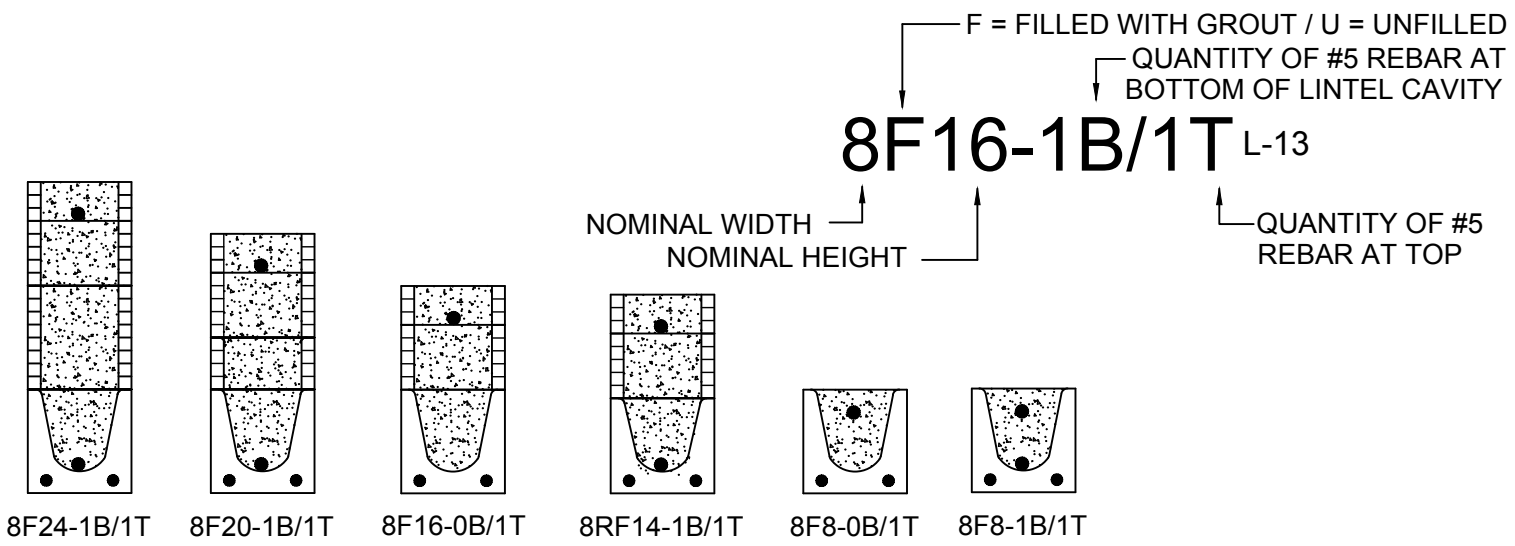
8" PRECAST w/ 2" RECESS DOOR U-LINTELS		GRAVITY								
LENGTH	TYPE	8R06	8RF6-OB		8RF12-OB		8RF16-OB		8RF20-OB	
			8RF6-1B	8RF6-1B	8RF12-1B	8RF12-1B	8RF16-1B	8RF16-1B	8RF20-1B	8RF20-1B
4'-4" (52")	PRECAST	1489	1591	3053	2982	3954	4929	5904	6880	
4'-6" (54")	PRECAST	1357	1827	3412	4982	6472	7947	9416	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	622	832	1602	1550	2058	2566	3075	3585	
7'-6" (90")	PRECAST	565	1153	2162	4074	6472	6516	5814	6839	
8'-8" (104")	PRECAST	482	779	1500	1449	1924	2400	2876	3352	
9'-4" (112")	PRECAST	431	1103	2051	3811	6472	6516	5450	6411	
10'-6" (126")	PRECAST	371	907	1677	2933	2576	3223	3872	4522	
11'-4" (136")	PRECAST	341	907	1677	2933	4100	6730	8177	6707	
12'-0" (144")	PRECAST	311	761	1377	2252	1958	2451	2944	3439	
13'-4" (160")	PRECAST	271	764	1377	2329	3609	5492	6624	5132	
14'-0" (168")	PRECAST	241	420	834	1253	1071	1342	1614	1886	
14'-8" (176")	PRESTRESSED	N.R.	535	928	1497	2179	2618	3595	2875	

8" PRECAST & PRESTRESSED U-LINTELS		UPLIFT								LATERAL		
LENGTH	TYPE	808	8F8-1T		8F12-1T		8F16-1T		8F20-1T		808	8F8
			8F8-2T	8F8-2T	8F12-2T	8F12-2T	8F16-2T	8F16-2T	8F20-2T	8F20-2T		
2'-10" (34")	PRECAST	2021	2727	2878	4101	5332	6569	7811	9055		2021	2021
3'-6" (42")	PRECAST	1257	2727	2784	3981	5190	6407	7630	8857		1257	1257
4'-0" (48")	PRECAST	938	2165	2289	3260	4237	5219	6204	7192		938	938
4'-6" (54")	PRECAST	727	2165	2215	3165	4125	5091	6061	7036		727	727
5'-4" (64")	PRECAST	505	1878	1999	2832	3660	4532	5387	6245		505	505
5'-10" (70")	PRECAST	418	1878	1955	2759	3583	4422	5284	6110		418	418
6'-6" (78")	PRECAST	387	1660	1762	2507	3257	4010	4767	5525		387	387
7'-6" (90")	PRECAST	357	1660	1705	2435	3171	3913	4658	5406		357	357
8'-8" (104")	PRECAST	327	1393	1484	2110	2741	3375	4010	4648		327	327
9'-4" (112")	PRECAST	297	1272	1357	1930	2505	3084	3665	4247		297	297
10'-6" (126")	PRECAST	267	1272	1315	1875	2441	3010	3583	4157		267	267
11'-4" (136")	PRECAST	237	1141	1200	1733	2250	2769	3290	3812		237	237
12'-0" (144")	PRECAST	207	1141	1182	1684	2192	2703	3216	3732		207	207
13'-4" (160")	PRECAST	177	959	912	1475	1914	2354	2797	3240		177	177
14'-0" (168")	PRECAST	147	900	1029	1466	1907	2351	2797	3245		147	147
14'-8" (176")	PRESTRESSED	117	801	612	980	1269	1560	1852	2144		117	117
15'-4" (184")	PRESTRESSED	87	801	755	1192	1550	1910	2271	2634		87	87
17'-4" (208")	PRESTRESSED	57	716	498	793	1027	1261	1496	1731		57	57
19'-4" (232")	PRESTRESSED	27	666	439	696	899	1104	1309	1515		27	27
21'-4" (252")	PRESTRESSED	17	666	535	905	1295	1595	1896	2198		17	17
22'-0" (264")	PRESTRESSED	11	607	400	631	816	1001	1186	1372		11	11
24'-0" (288")	PRESTRESSED	6	631	486	818	1029	1244	1459	1674		6	6
24'-0" (288")	PRESTRESSED	6	500	340	532	686	841	997	1153		6	6
24'-0" (288")	PRESTRESSED	6	573	409	682	904	1167	1430	1693		6	6
24'-0" (288")	PRESTRESSED	6	458	316	493	635	778	922	1065		6	6
24'-0" (288")	PRESTRESSED	6	548	378	629	822	1054	1286	1518		6	6
24'-0" (288")	PRESTRESSED	6	243	295	459	591	724	857	990		6	6
24'-0" (288")	PRESTRESSED	6	243	352	582	752	922	1092	1262		6	6
24'-0" (288")	PRESTRESSED	6	228	278	430	553	677	801	925		6	6
24'-0" (288")	PRESTRESSED	6	228	329	542	791	1072	1381	1676		6	6
24'-0" (288")	PRESTRESSED	6	188	236	361	464	567	670	774		6	6
24'-0" (288")	PRESTRESSED	6	188	276	449	649	874	1121	1389		6	6
24'-0" (288")	PRESTRESSED	6	165	207	313	401	490	578	667		6	6
24'-0" (288")	PRESTRESSED	6	165	239	383	550	736	940	1160		6	6
24'-0" (288")	PRESTRESSED	6	145	186	278	366	433	512	590		6	6
24'-0" (288")	PRESTRESSED	6	142	212	336	477	635	807	988		6	6
24'-0" (288")	PRESTRESSED	6	137	180	268	343	418	493	568		6	6
24'-0" (288")	PRESTRESSED	6	137	205	322	457	607	771	947		6	6
24'-0" (288")	PRESTRESSED	6	124	165	244	312	380	447	515		6	6
24'-0" (288")	PRESTRESSED	6	124	166	250	328	406	484	562		6	6

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

CAST CRETE / LOTT'S / WEKIWA / FLORIDA ROCK PRECAST LINTEL SCHEDULE

LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	9'-4"	8F48-1B/1T	GARAGE
L-2	17'-4"	8F48-1B/1T	GARAGE
L-3	7'-6"	8F48-1B/1T	6020 F.G. & (2) 3060 S.H.
L-4	3'-6"	8F48-1B/1T	2030 F.G.
L-5	4'-6"	8F48-0B/1T	3060 S.H.
L-6	10'-6"	8F8-1B/1T	(3) 3060 S.H.
L-7	10'-6"	8F16-1B/1T	(3) 3020 F.G. TR. ABV.
L-8	17'-4"	8F8-1B/1T	16'-0" X 8'-0" S.G.D.
L-9	17'-4"	8F16-1B/1T	(4) 4020 F.G. TR. ABV.
L-10	4'-6"	8F24-1B/1T	3060 S.H. W/ 3020 F.G.
L-11	7'-6"	8RF6-1B/1T	SET BTM. @ 8'-4" AFF.
L-11A	7'-6"	8F8-1B/1T	ENTRY
L-12	17'-4"	8F16-1B/1T	LANAI
L-13	11'-4"	8F16-1B/1T	LANAI
L-14	21'-4"	8F16-1B/1T	LANAI
L-15	13'-4"	8F16-1B/1T	LANAI
L-16	5'-4"	8F16-1B/1T	LANAI
L-17	4'-4"	8RF54-0B/1T	2880 DR. (OPT)



MATERIALS

1. F'C PRECAST LINTELS = 3500 PSI.
2. F'C PRESTRESSED LINTELS = 6000 PSI.
3. F'C 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

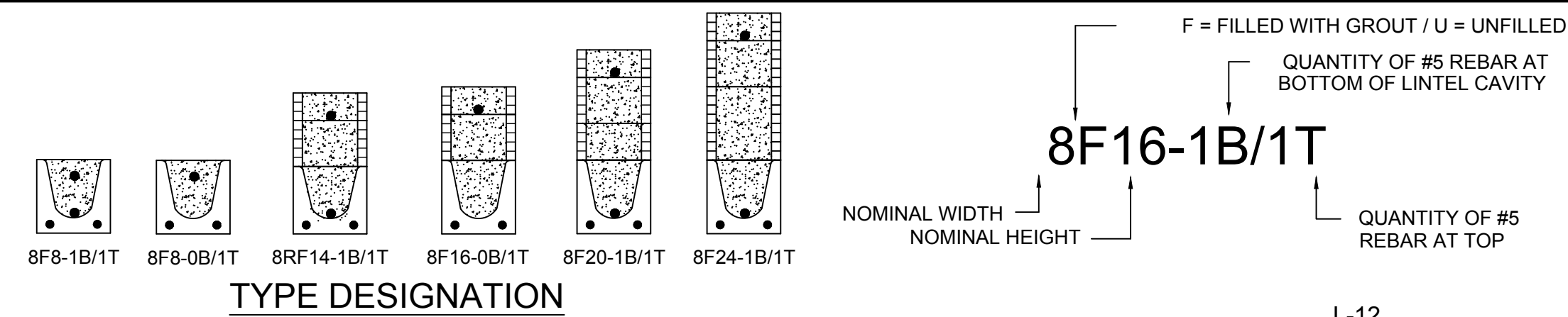
SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS										
GRAVITY										
LENGTH	TYPE	8" U8								
		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	8F36-0B 8F36-1B	
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936	
3'-6" (42")	PRECAST	2302	3138	4473	6039	7526	9004	10472	11936	
4'-0" (48")	PRECAST	2029	2325	2946	3467	4438	5410	6384	7358	
4'-6" (54")	PRECAST	1651	2946	4473	6039	7526	9004	10472	11936	
5'-4" (64")	PRECAST	1184	1787	2946	4473	6039	7526	9004	10472	11936
5'-10" (70")	PRECAST	972	1000	1059	1474	1889	2304	2721	3137	
6'-6" (78")	PRECAST	937	1255	2101	3263	4438	5613	6788	7963	
7'-6" (90")	PRECAST	767	1029	1675	2385	3094	3804	4514	5224	
8'-0" (96")	PRECAST	670	830	1362	1927	2502	3077	3652	4227	
8'-8" (104")	PRECAST	618	899	1445	2214	3192	4533	6513	8493	
9'-4" (112")	PRECAST	573	767	1257	1779	2479	3179	3879	4579	
10'-6" (126")	PRECAST	456	632	1049	1469	2110	2751	3392	4033	
11'-4" (136")	PRECAST	445	492	802	1125	1548	2171	2794	3417	
12'-0" (144")	PRECAST	414	458	728	1028	1331	1635	2224	2813	
13'-4" (160")	PRECAST	362	485	748	1076	1438	1855	2343	2920	
14'-0" (168")	PRECAST	338	381	648	919	1190	1462	1987	2512	
14'-8" (176")	PRESTRESSED	N.R.	455	700	1003	1335	1714	2153	2666	
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	

8" PRECAST w/ 2" RECESS DOOR U-LINTELS										
GRAVITY										
LENGTH	TYPE	8" U8								
		8RF6-0B 8RF6-1B	8RF10-0B 8RF10-1B	8RF14-0B 8RF14-1B	8RF18-0B 8RF18-1B	8RF22-0B 8RF22-1B	8RF26-0B 8RF26-1B	8RF30-0B 8RF30-1B	8RF34-0B 8RF34-1B	
4'-4" (52")	PRECAST	1489	1591	2053	2515	2977	3540	4102	4665	
4'-6" (54")	PRECAST	1357	1449	2182	2714	3246	3778	4310	4842	
5'-8" (68")	PRECAST	785	832	1602	1550	2058	2566	3074	3582	
5'-10" (70")	PRECAST	735	1103	1500	1449	1924	2400	2876	3352	
6'-8" (80")	PRECAST	622	907	1677	2633	3576	4519	5462	6405	
7'-6" (90")	PRECAST	665	761	1377	2252	3158	4064	4970	5876	
9'-8" (116")	PRECAST	371	420	834	1253	1672	2091	2510	2929	

8" PRECAST & PRESTRESSED U-LINTELS										
UPLIFT										
LENGTH	TYPE	8" U8								
		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	8F36-1T 8F36-2T	
2'-10" (34")	PRECAST	2727	2727	2878	3981	5104	6227	7350	8473	2021
3'-6" (42")	PRECAST	2165	2165	2215	3165	4125	5091	6061	7036	1257
4'-0" (48")	PRECAST	1878	1878	1989	2832	3660	4532	5387	6245	938
4'-6" (54")	PRECAST	1660	1660	1762	2507	3257	4010	4767	5525	727
5'-4" (64")	PRECAST	1393	1393	1437	2050	2670	3293	3920	4549	505
5'-10" (70")	PRECAST	1272	1272	1315	1875	2441	3010	3583	4157	418
6'-6" (78")	PRECAST	1141	1141	1182	1684	2192	2703	3216	3732	707
7'-6" (90")	PRECAST	959	959	912	1475	1914	2354	2797	3240	591
9'-4" (112")	PRECAST	801	801	812	1180	1560	1950	2340	2730	454
10'-6" (126")	PRECAST	716	716	728	1039	1389	1711	2034	2358	396
11'-4" (136")	PRECAST	666	666	678	939	1239	1539	1839	2139	363
12'-0" (144")	PRECAST	631	631	643	818	1068	1318	1568	1818	340
13'-4" (160")	PRECAST	500	500	512	686	841	997	1153	1309	302
14'-0" (168")	PRECAST	458	458	470	623	778	933	1088	1243	286
14'-8" (176")	PRESTRESSED	243	243	255	359	463	567	671	775	N.R.
15'-4" (184")	PRESTRESSED	228	228	240	343	447	551	655	759	N.R.
17'-4" (208")	PRESTRESSED	188	188	200	281	364	447	530	613	N.R.
19'-4" (232")	PRESTRESSED	165	165	177	250	333	416	499	582	N.R.
21'-4" (256")	PRESTRESSED	142	142	154	227	310	393	476	559	N.R.
22'-0" (264")	PRESTRESSED	140	140	152	225	308	391	474	557	N.R.
24'-0" (288")	PRESTRESSED	127	127	139	202	285	368	451	534	N.R.

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



CAST CRETE / LOTT'S / WEKIWA / FLORIDA ROCK PRECAST LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	9'-4"	8F48-1B/1T	GARAGE
L-2	17'-4"	8F48-1B/1T	GARAGE
L-3	7'-6"	8F48-1B/1T	6020 F.G. & (2) 3060 S.H.
L-4	3'-6"	8F48-1B/1T	2030 F.G.
L-5	4'-6"	8F48-0B/1T	3060 S.H.
L-6	10'-6"	8F8-1B/1T	(3) 3060 S.H.
L-7	10'-6"	8F16-1B/1T	(3) 3020 F.G. TR. ABV.
L-8	17'-4"	8F8-1B/1T	16'-0" X 8'-0" S.G.D.
L-9	17'-4"	8F16-1B/1T	(4) 4020 F.G. TR. ABV.
L-10	7'-6"	8F24-1B/1T	(2) 3060 S.H. w/ 6020 F.G.
L-11	7'-6"	8RF6-1B/1T	SET BTM. @ 8'-4" AFF.
L-11A	7'-6"	8F8-1B/1T	ENTRY
L-12	12'-0"	8F16-1B/1T	LANAI
L-13	21'-4"	8F16-1B/1T	LANAI
L-14	4'-6"	8RF54-0B/1T	2880 DR. (OPT)

MATERIALS

- F/C PRECAST LINTELS = 3500 PSI.
- F/C PRESTRESSED LINTELS = 6000 PSI.
- F/C GROUT = 3000 PSI W/ MAXIMUM 3/8" AGGREGATE.
- CONCRETE MASONRY UNITS (CMU) PER ASTM C90 W/ MINIMUM NET AREA COMPRESSIVE STRENGTH = 1900 PSI.
- REBAR PROVIDED IN PRECAST LINTEL PER ASTM A615 GR60. FIELD REBAR PER ASTM A615 GR40 OR GR60.
- PRESTRESSING STRAND PER ASTM A416 GRADE 270 LOW RELAXATION.
- 7/32 WIRE PER ASTM A510.
- MORTAR PER ASTM C270 TYPE M OR S.

GENERAL NOTES

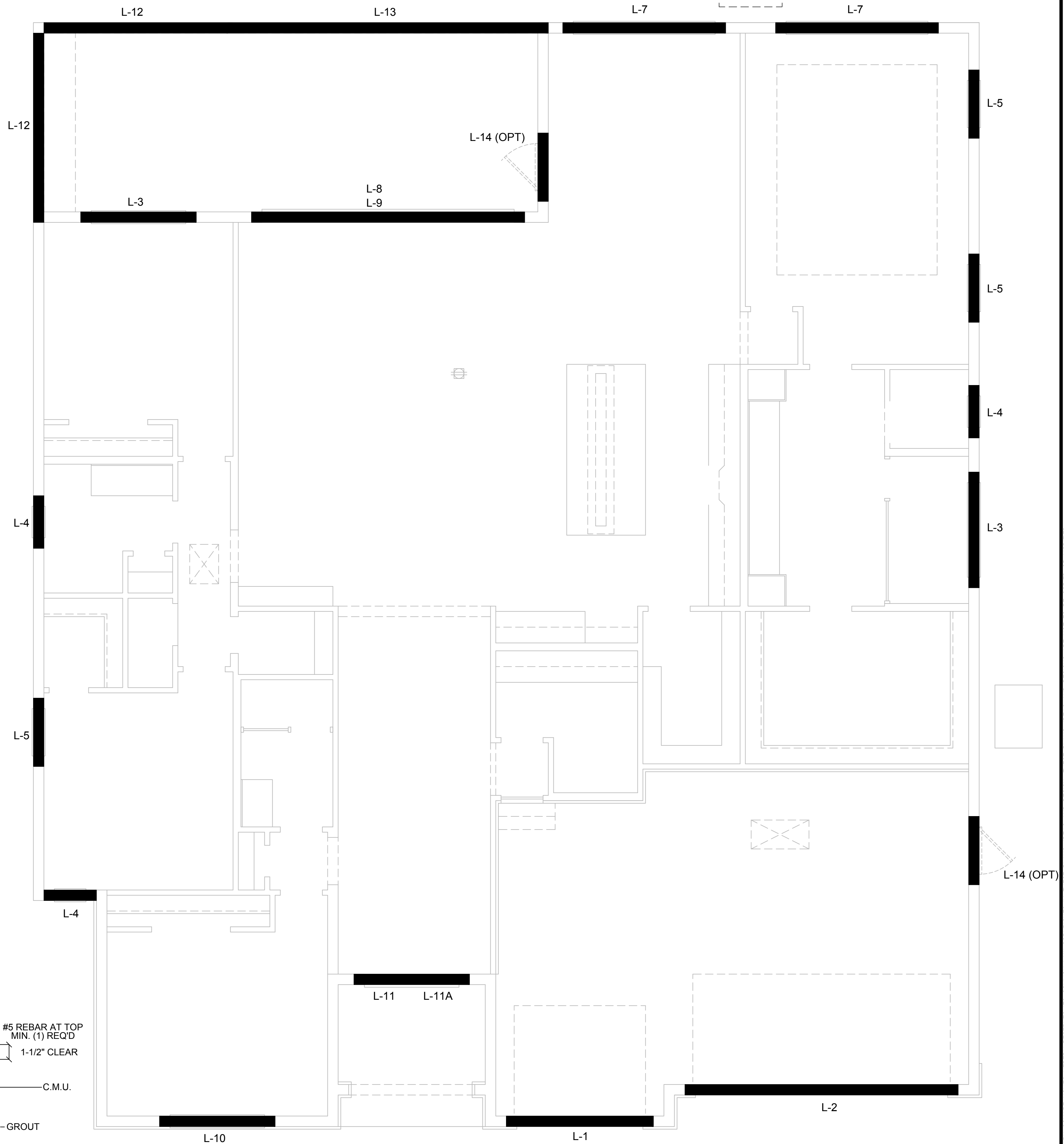
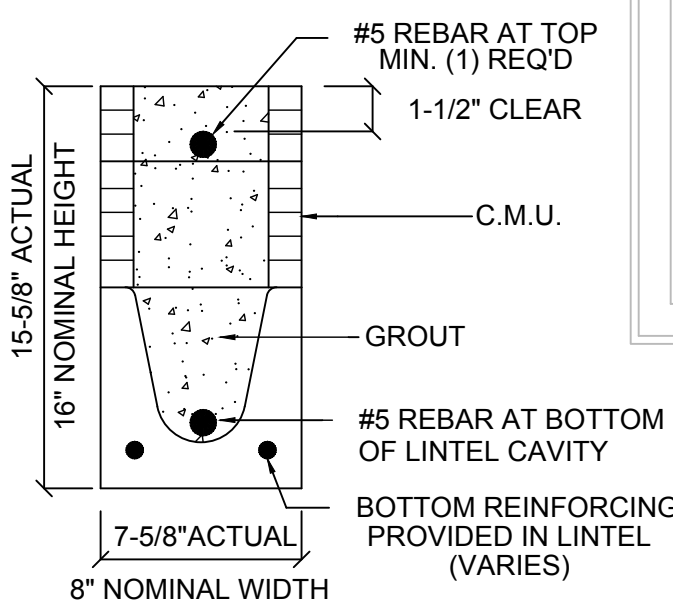
- PROVIDE FULL MORTAR HEAD AND BED JOINTS.
- SHORE FILLED LINTELS AS REQUIRED.
- INSTALLATION OF LINTEL MUST COMPLY WITH THE ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS.
- LINTELS ARE MANUFACTURED WITH 5-1/2" LONG NOTCHES AT THE ENDS TO ACCOMMODATE VERTICAL CELL REINFORCING AND GROUTING.
- ALL LINTELS MEET OR EXCEED L/360 VERTICAL DEFLECTION, EXCEPT LINTELS 17'-4" AND LONGER WITH A NOMINAL HEIGHT OF 8" MEET OR EXCEED L/180.
- BOTTOM FIELD ADDED REBAR TO BE LOCATED AT THE BOTTOM OF THE LINTEL CAVITY.
- 7/32" DIAMETER WIRE STIRRUPS ARE WELDED TO THE BOTTOM STEEL FOR MECHANICAL ANCHORAGE.
- CAST-IN-PLACE CONCRETE MAY BE PROVIDED IN COMPOSITE LINTEL IN LIEU OF CONCRETE MASONRY UNITS.
- SAFE LOAD RATINGS BASED ON RATIONAL DESIGN ANALYSIS PER ACI 318 AND ACI 530

SAFE LOAD TABLE NOTES

- ALL VALUES BASED ON MINIMUM 4" BEARING. EXCEPTION: SAFE LOADS FOR UNFILLED LINTELS MUST BE REDUCED BY 20% IF BEARING LENGTH IS LESS THAN 6-1/2". SAFE LOADS FOR ALL RECESSED LINTELS BASED ON 8" NOMINAL BEARING.
- N.R. = NOT RATED.
- SAFE LOADS ARE TOTAL SUPERIMPOSED ALLOWABLE LOAD ON THE SECTION SPECIFIED.
- SAFE LOADS BASED ON GRADE 40 OR GRADE 60 FIELD REBAR.
- ADDITIONAL LATERAL LOAD CAPACITY CAN BE OBTAINED BY THE DESIGNER BY PROVIDING ADDITIONAL REINFORCED MASONRY ABOVE THE PRECAST LINTEL.
- ONE #7 REBAR MAY BE SUBSTITUTED FOR TWO #5 REBARS IN 8" LINTELS ONLY. THE DESIGNER MAY EVALUATE CONCENTRATED LOADS FROM THE SAFE LOAD TABLES BY CALCULATING THE MAXIMUM RESISTING MOMENT AND SHEAR AT D-AWAY FROM THE FACE OF SUPPORT.
- FOR COMPOSITE LINTEL HEIGHTS NOT SHOWN, USE SAFE LOAD FROM NEXT LOWER HEIGHT.
- ALL SAFE LOADS IN UNITS OF POUNDS PER LINEAR FOOT.

8" PRECAST w/ 2" RECESS DOOR U-LINTELS										
UPLIFT										
LENGTH	TYPE	8" U8								
		8RF6-1T 8RF6-2T	8RF10-1T 8RF10-2T	8RF14-1T 8RF14-2T	8RF18-1T 8RF18-2T	8RF22-1T 8RF22-2T	8RF26-1T 8RF26-2T	8RF30-1T 8RF30-2T	8RF34-1T 8RF34-2T	
4'-4" (52")	PRECAST	1244	1573	2413	3200	4112	4967	5825	6682	932
4'-6" (54")	PRECAST	1192	1507	2311	3121	3937	4756	5577	6397	853
5'-8" (68")	PRECAST	924	1132	1795	2423	3055	3689	4325	4961	501
5'-10" (70")	PRECAST	896	1138	1742	2352	2965	3581	4198	4815	469
6'-8" (80")	PRECAST	778	882	1513	2042	2573	3107	3642	4177	830
7'-6" (90")	PRECAST	688	697	1235	1687	2139	2591	3043	3495	710
9'-8" (116")	PRECAST	533	527	1009	1369	1728	2088	2448	2808	516

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



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

ITEG
THOMPSON ENGINEERING GROUP, INC.
4401 Vineland Road Suite A6 Orlando, FL 32811
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AI BD
GREATER ORLANDO BUILDERS ASSOCIATION

"CRISTO"
60-2992
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 03/03/2023
REVISIONS
PROJECT: 00-0000
SCALE: AS NOTED
DRAWN BY: C.C.
DESIGNED BY: MJS

LINTEL PLAN
S2.C

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SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS									
GRAVITY									
LENGTH	TYPE	808	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B
2'-10" (34")	PRECAST	2302	3166	4473	6039	7526	9004	10472	11936
3'-6" (42")	PRECAST	2302	3138	3377	4689	6001	7315	8630	9947
4'-0" (48")	PRECAST	2029	2325	2496	3467	4438	5410	6384	7358
4'-6" (54")	PRECAST	1651	2646	4473	6039	7526	9004	10472	11936
5'-4" (64")	PRECAST	1184	1787	1913	2657	3403	4149	4896	5644
5'-10" (70")	PRECAST	972	1223	1301	1809	2317	2826	3336	3846
6'-6" (78")	PRECAST	937	1255	1201	1639	2067	2496	2924	3352
7'-6" (90")	PRECAST	767	1029	1075	1412	1749	2086	2424	2762
8'-0" (96")	PRECAST	670	830	1362	1927	2502	3077	3652	4227
8'-8" (104")	PRECAST	618	899	1445	2214	2983	3752	4521	5290
9'-4" (112")	PRECAST	573	767	1257	1779	2301	2823	3345	3867
10'-6" (126")	PRECAST	456	629	1332	2044	2746	3448	4150	4852
11'-4" (136")	PRECAST	445	632	1049	1469	1889	2309	2729	3149
12'-0" (144")	PRECAST	414	598	864	1254	1644	2034	2424	2814
13'-4" (160")	PRECAST	362	427	728	1028	1328	1628	1928	2228
14'-0" (168")	PRECAST	338	485	748	1076	1438	1800	2162	2524
14'-8" (176")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
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

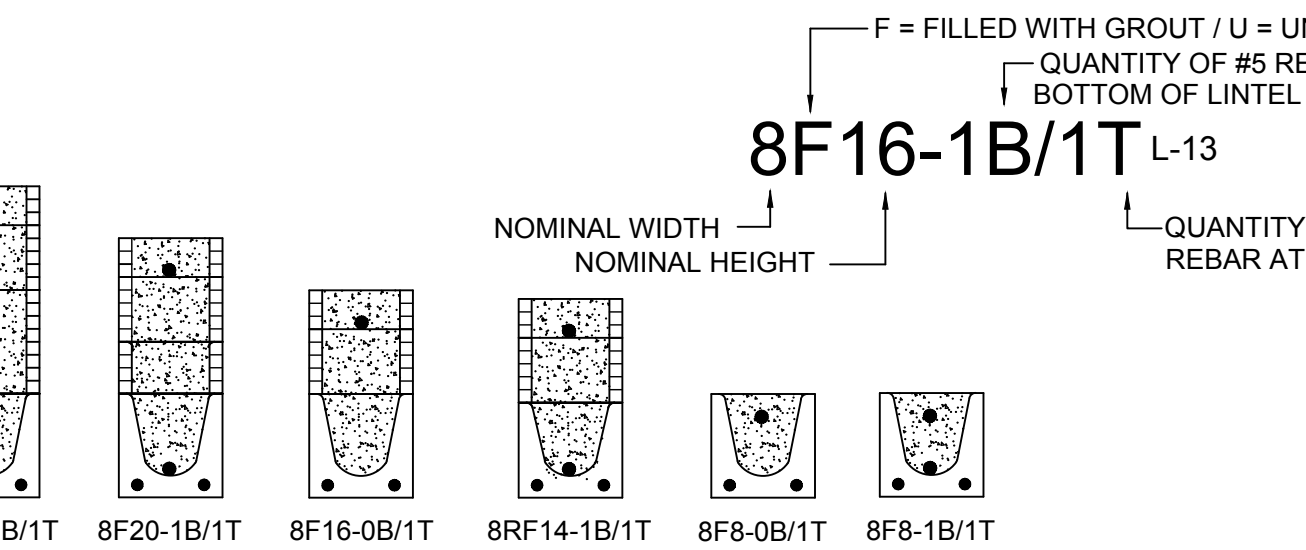
8" PRECAST w/ 2" RECESS DOOR U-LINTELS									
GRAVITY									
LENGTH	TYPE	8R06	8RF6-0B	8RF10-0B	8RF14-0B	8RF18-0B	8RF22-0B	8RF26-0B	8RF30-0B
4'-4" (52")	PRECAST	1489	1591	2053	2602	3154	3706	4258	4810
4'-6" (54")	PRECAST	1357	1827	2412	3002	3592	4182	4772	5362
5'-8" (68")	PRECAST	785	832	1002	1250	1500	1750	2000	2250
5'-10" (70")	PRECAST	735	779	1500	1449	1924	2400	2876	3352
6'-8" (80")	PRECAST	822	1103	2051	3811	6472	9133	11794	14455
7'-6" (90")	PRECAST	665	907	1677	2933	4189	5445	6701	7957
9'-8" (116")	PRECAST	371	761	1377	2252	3127	4002	4877	5752

8" PRECAST & PRESTRESSED U-LINTELS										
UPLIFT										
LENGTH	TYPE	8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	808	8F8
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055	2021	2021
3'-6" (42")	PRECAST	2165	2289	3260	4237	5219	6204	7192	1257	1257
4'-0" (48")	PRECAST	1878	1989	2832	3660	4532	5387	6245	938	938
4'-6" (54")	PRECAST	1660	1762	2507	3257	4010	4767	5525	727	727
5'-4" (64")	PRECAST	1393	1437	2050	2870	3293	3920	4549	505	505
5'-10" (70")	PRECAST	1272	1315	1875	2441	3010	3583	4157	418	418
6'-6" (78")	PRECAST	1141	1200	1733	2250	2769	3290	3812	707	887
7'-6" (90")	PRECAST	959	912	1475	1914	2354	2797	3240	591	857
9'-4" (112")	PRECAST	801	801	1228	1669	2110	2551	2992	454	630
10'-6" (126")	PRECAST	716	716	1039	1389	1739	2089	2439	396	493
11'-4" (136")	PRECAST	666	666	939	1239	1539	1839	2139	363	556
12'-0" (144")	PRECAST	631	631	869	1129	1389	1649	1909	340	494
13'-4" (160")	PRECAST	500	500	700	900	1100	1300	1500	302	398
14'-0" (168")	PRECAST	458	458	631	831	1031	1231	1431	286	360
14'-8" (176")	PRESTRESSED	243	243	352	459	561	664	767	N.R.	357
15'-4" (184")	PRESTRESSED	228	228	328	430	533	636	739	N.R.	327
17'-4" (208")	PRESTRESSED	188	188	276	361	449	537	625	N.R.	255
19'-4" (232")	PRESTRESSED	165	165	239	313	387	461	535	N.R.	204
21'-4" (256")	PRESTRESSED	145	145	212	278	344	410	476	N.R.	172
22'-0" (264")	PRESTRESSED	127	127	185	244	302	361	420	N.R.	161
24'-0" (288")	PRESTRESSED	124	124	186	250	314	378	442	N.R.	135

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

CAST CRETE / LOTS / WEKIWA / FLORIDA ROCK PRECAST LINTEL SCHEDULE

LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	9'-4"	8F48-1B/1T	GARAGE
L-2	17'-4"	8F48-1B/1T	GARAGE
L-3	7'-6"	8F48-1B/1T	6020 F.G. & (2) 3060 S.H.
L-4	3'-6"	8F48-1B/1T	2030 F.G.
L-5	4'-6"	8F48-0B/1T	3060 S.H.
L-6	10'-6"	8F8-1B/1T	(3) 3060 S.H.
L-7	10'-6"	8F16-1B/1T	(3) 3020 F.G. TR. ABV.
L-8	17'-4"	8F8-1B/1T	16'-0" X 8'-0" S.G.D.
L-9	17'-4"	8F16-1B/1T	(4) 4020 F.G. TR. ABV.
L-10	7'-6"	8F24-1B/1T	(2) 3060 S.H. w/ 6020 F.G.
L-11	7'-6"	8RF6-1B/1T	SET BTM. @ 8'-4" AFF.
L-11A	7'-6"	8F8-1B/1T	ENTRY
L-12	17'-4"	8F16-1B/1T	LANAI
L-13	11'-4"	8F16-1B/1T	LANAI
L-14	21'-4"	8F16-1B/1T	LANAI
L-15	13'-4"	8F16-1B/1T	LANAI
L-16	5'-4"	8F16-1B/1T	LANAI
L-17	4'-4"	8RF54-0B/1T	2880 DR. (OPT)



MATERIALS

1. F/C PRECAST LINTELS = 3500 PSI.
2. F/C PRESTRESSED LINTELS = 6000 PSI.
3. F/C 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

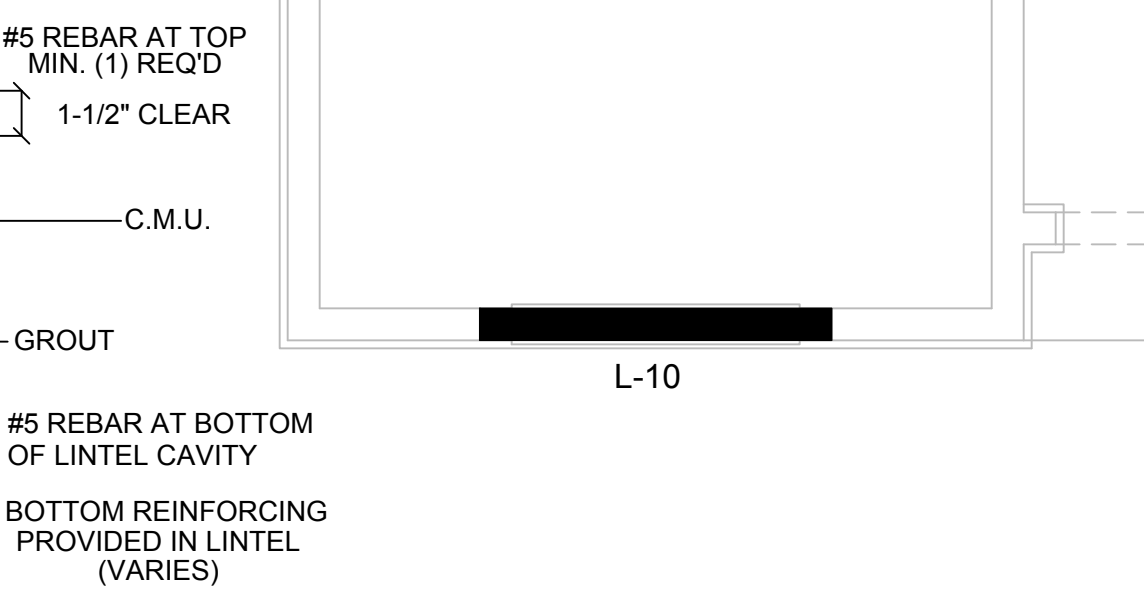
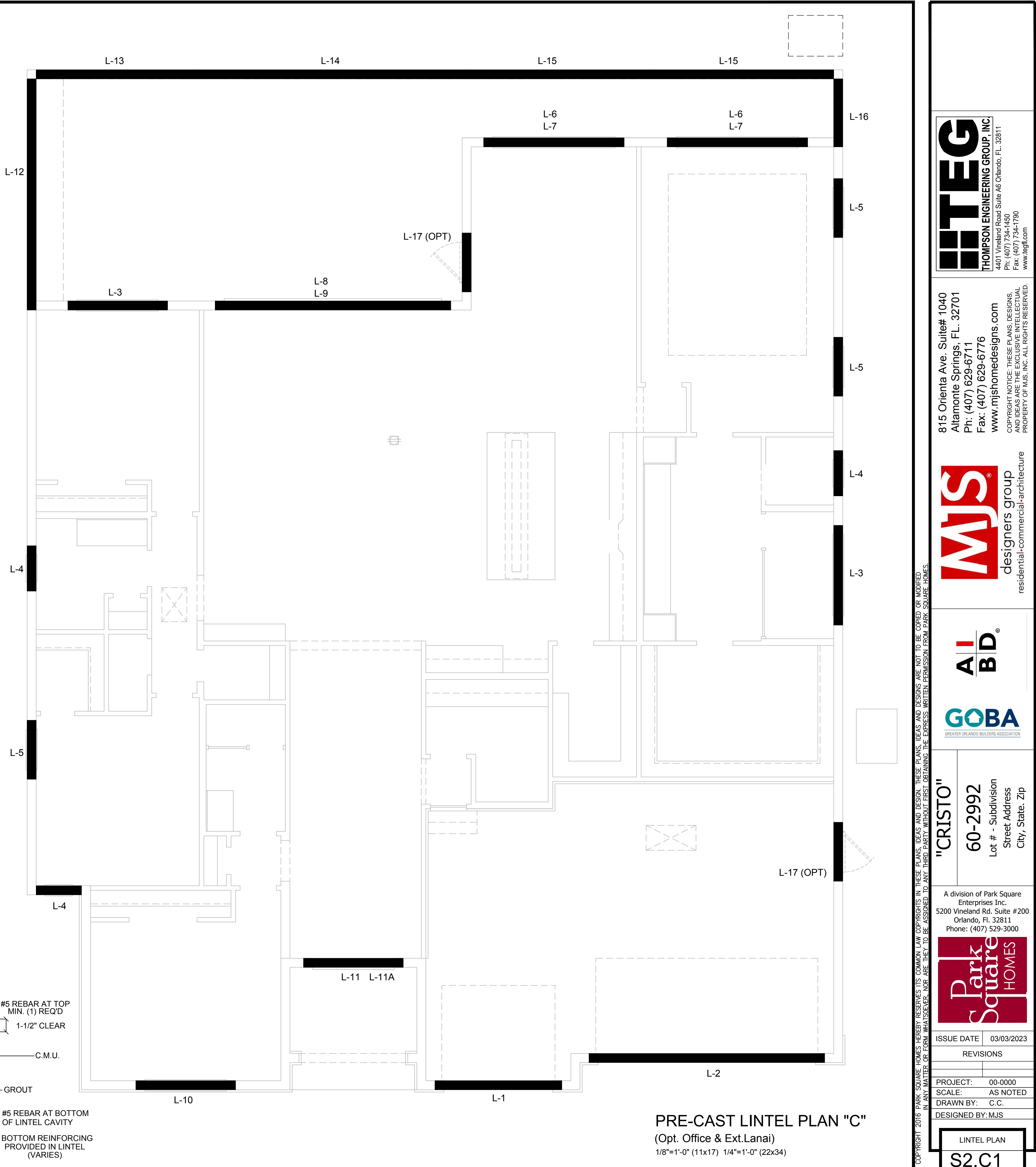
SAFE LOAD TABLE NOTES

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-WAY FROM THE FACE OF SUPPORT.
8. FOR COMPOSITE LINTEL HEIGHTS NOT SHOWN, USE SAFE LOAD FROM NEXT LOWER HEIGHT.
9. ALL SAFE LOADS IN UNITS OF POUNDS PER LINEAR FOOT.

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

UPLIFT										
LENGTH	TYPE	8RF6-1T	8RF10-1T	8RF14-1T	8RF18-1T	8RF22-1T	8RF26-1T	8RF30-1T	8R06	8RF6
4'-4" (52")	PRECAST	1244	1573	2413	3260	4112	4967	5825	932	932
4'-6" (54")	PRECAST	1192	1507	2311	3121	3937	4756	5577	853	853
5'-8" (68")	PRECAST	924	1132	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	849	1302	1762	2225	2690	3157	710	941
9'-8" (116")	PRECAST	533	627	1009	1369	1728	2088	2450	516	614

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



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AIBD
GREATER ORLANDO BUILDERS ASSOCIATION

"CRISTO"
60-2992
Lot # - Subdivision
Street Address
City, State, Zip

A division of Park Square
Enterprises Inc.
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Park Square HOMES

ISSUE DATE 03/03/2023
REVISIONS
PROJECT: 00-0000
SCALE: AS NOTED
DRAWN BY: C.C.
DESIGNED BY: MJS
LINTEL PLAN
S2.C1

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PRE-CAST LINTEL PLAN "C"
(Opt. Office & Ext. Lanai)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)

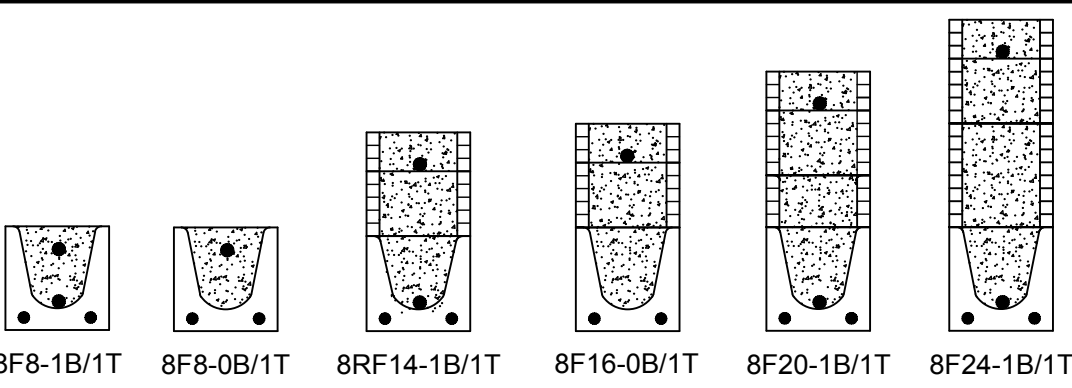
SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS									
GRAVITY									
LENGTH	TYPE	808	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	3166	4473	6039	7526	9004	10472	11936
4'-0" (48")	PRECAST	2029	2325	2496	3467	4438	5410	6384	7358
4'-6" (54")	PRECAST	1651	2046	2217	2957	3797	4638	5479	6320
5'-4" (64")	PRECAST	1184	1665	1836	2457	3078	3700	4321	4943
5'-10" (70")	PRECAST	972	1300	1471	1952	2433	2914	3395	3876
6'-6" (78")	PRECAST	937	1255	1426	1907	2388	2869	3350	3831
7'-6" (90")	PRECAST	767	1029	1199	1580	1961	2342	2723	3104
8'-0" (96")	PRECAST	670	830	990	1250	1510	1770	2030	2290
8'-8" (104")	PRECAST	618	767	916	1175	1434	1693	1952	2211
9'-4" (112")	PRECAST	573	712	861	1120	1379	1638	1897	2156
10'-6" (126")	PRECAST	456	582	708	934	1160	1386	1612	1838
11'-4" (136")	PRECAST	445	558	671	884	1097	1310	1523	1736
12'-0" (144")	PRECAST	414	515	616	817	1018	1219	1420	1621
13'-4" (160")	PRECAST	362	453	544	735	926	1117	1308	1499
14'-0" (168")	PRECAST	338	429	520	711	902	1093	1284	1475
14'-8" (176")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
15'-4" (184")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
17'-4" (208")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
19'-4" (232")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
21'-4" (256")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
22'-0" (264")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
24'-0" (288")	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.

8" PRECAST w/ 2" RECESS DOOR U-LINTELS									
GRAVITY									
LENGTH	TYPE	8R06	8RF6-0B	8RF12-0B	8RF16-0B	8RF20-0B	8RF24-0B	8RF28-0B	8RF30-0B
			8RF6-1B	8RF12-1B	8RF16-1B	8RF20-1B	8RF24-1B	8RF28-1B	8RF30-1B
4'-4" (52")	PRECAST	1489	1591	2053	2515	2977	3439	3901	4363
4'-6" (54")	PRECAST	1357	1449	1811	2273	2735	3197	3659	4121
5'-8" (68")	PRECAST	785	832	1094	1356	1618	1880	2142	2404
5'-10" (70")	PRECAST	735	779	1041	1303	1565	1827	2089	2351
6'-8" (80")	PRECAST	822	907	1169	1431	1693	1955	2217	2479
7'-6" (90")	PRECAST	665	761	1023	1285	1547	1809	2071	2333
9'-8" (116")	PRECAST	371	420	564	708	852	996	1140	1284

8" PRECAST & PRESTRESSED U-LINTELS										
UPLIFT										
LENGTH	TYPE	8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	8R06	8R08
		8F8-2T	8F12-2T	8F16-2T	8F20-2T	8F24-2T	8F28-2T	8F32-2T		
2'-10" (34")	PRECAST	2727	2878	4101	5332	6563	7794	9025	2021	2021
3'-6" (42")	PRECAST	2165	2289	3260	4237	5214	6191	7168	1257	1257
4'-0" (48")	PRECAST	1878	1989	2832	3680	4528	5376	6224	938	938
4'-6" (54")	PRECAST	1660	1762	2435	3171	3913	4655	5408	727	727
5'-4" (64")	PRECAST	1393	1484	2110	2741	3375	4010	4648	505	505
5'-10" (70")	PRECAST	1272	1315	1875	2441	3010	3583	4157	418	418
6'-6" (78")	PRECAST	1141	1182	1684	2192	2703	3216	3732	707	887
7'-6" (90")	PRECAST	959	912	1475	1914	2354	2797	3240	591	657
9'-4" (112")	PRECAST	801	755	1192	1550	1910	2271	2634	454	630
10'-6" (126")	PRECAST	716	611	1039	1389	1711	2034	2358	396	493
11'-4" (136")	PRECAST	666	539	896	1195	1494	1793	2092	363	556
12'-0" (144")	PRECAST	607	480	831	1126	1425	1724	2023	340	494
13'-4" (160")	PRECAST	507	340	532	686	841	997	1153	302	398
14'-0" (168")	PRECAST	458	316	493	635	778	922	1065	286	360
14'-8" (176")	PRESTRESSED	243	295	459	591	724	857	990	N.R.	357
15'-4" (184")	PRESTRESSED	228	278	430	553	677	801	925	N.R.	327
17'-4" (208")	PRESTRESSED	188	276	449	569	689	809	929	N.R.	255
19'-4" (232")	PRESTRESSED	165	239	383	550	736	940	1160	N.R.	204
21'-4" (256")	PRESTRESSED	145	186	278	356	433	512	590	N.R.	172
22'-0" (264")	PRESTRESSED	127	165	244	312	380	447	515	N.R.	161
24'-0" (288")	PRESTRESSED	124	165	244	312	380	447	515	N.R.	135

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



CAST CRETE / LOTT'S / WEKIWA / FLORIDA ROCK PRECAST LINTEL SCHEDULE			
LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	9'-4"	8F48-1B/1T	GARAGE
L-2	17'-4"	8F48-1B/1T	GARAGE
L-3	7'-6"	8F48-1B/1T	6020 F.G. & (2) 3060 S.H.
L-4	3'-6"	8F48-1B/1T	2030 F.G.
L-5	4'-6"	8F48-0B/1T	3060 S.H.
L-6	10'-6"	8F8-1B/1T	(3) 3060 S.H.
L-7	10'-6"	8F16-1B/1T	(3) 3020 F.G. TR. ABV.
L-8	17'-4"	8F8-1B/1T	16'-0" X 8'-0" S.G.D.
L-9	17'-4"	8F16-1B/1T	(4) 4020 F.G. TR. ABV.
L-10	7'-6"	8F24-1B/1T	(2) 3060 S.H. w/ 6020 F.G.
L-11	7'-6"	8RF6-1B/1T	SET BTM. @ 8'-4" AFF.
L-11A	7'-6"	8F8-1B/1T	ENTRY
L-12	12'-0"	8F16-1B/1T	LANAI
L-13	21'-4"	8F16-1B/1T	LANAI
L-14	4'-6"	8RF54-0B/1T	2880 DR. (OPT)

MATERIALS

- F/C PRECAST LINTELS = 3500 PSI.
- F/C PRESTRESSED LINTELS = 6000 PSI.
- F/C GROUT = 3000 PSI W/ MAXIMUM 3/8" AGGREGATE.
- CONCRETE MASONRY UNITS (CMU) PER ASTM C90 W/ MINIMUM NET AREA COMPRESSIVE STRENGTH = 1900 PSI.
- REBAR PROVIDED IN PRECAST LINTEL PER ASTM A615 GR60. FIELD REBAR PER ASTM A615 GR40 OR GR60.
- PRESTRESSING STRAND PER ASTM A416 GRADE 270 LOW RELAXATION.
- 7/32 WIRE PER ASTM A510.
- MORTAR PER ASTM C270 TYPE M OR S.

GENERAL NOTES

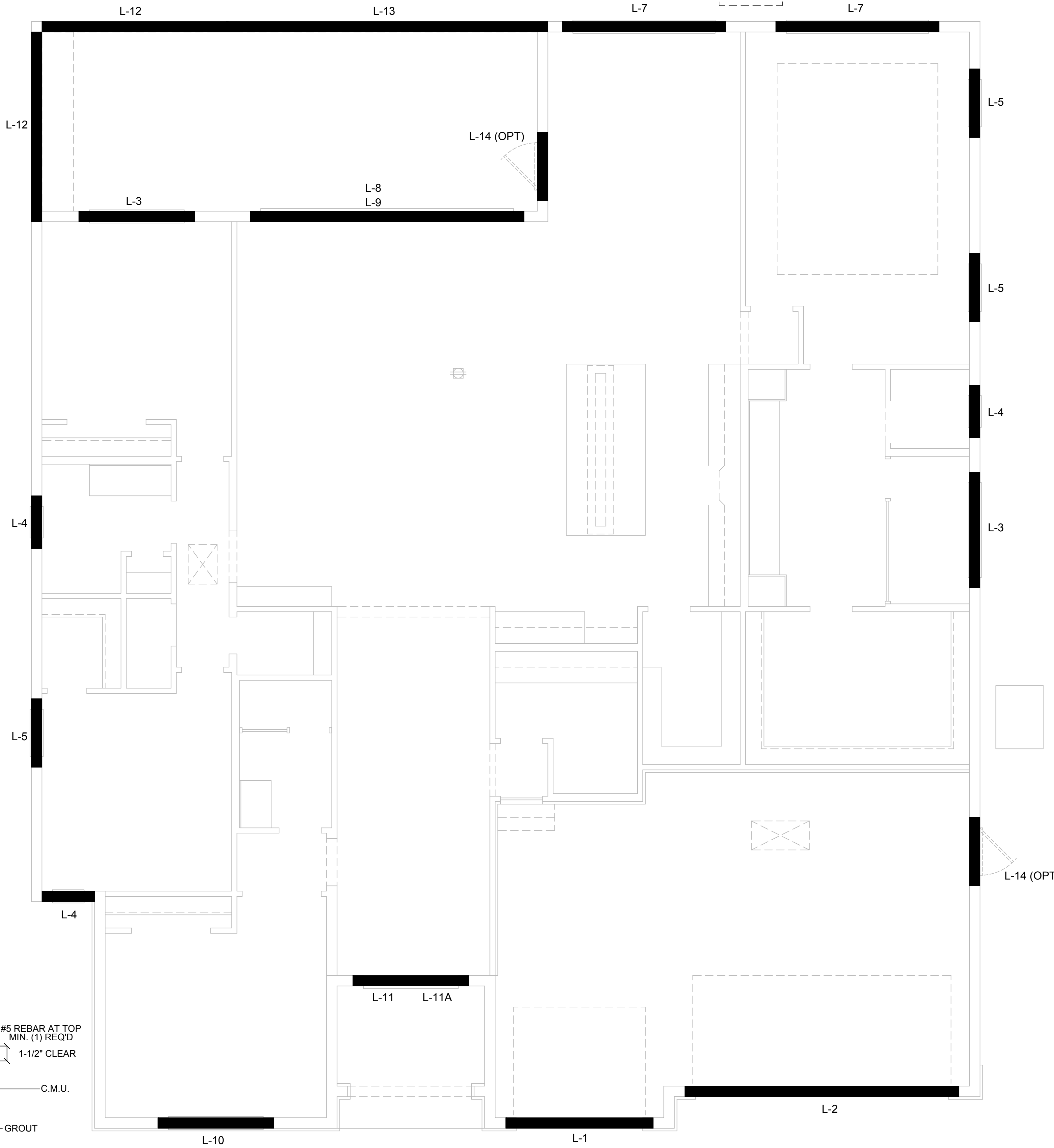
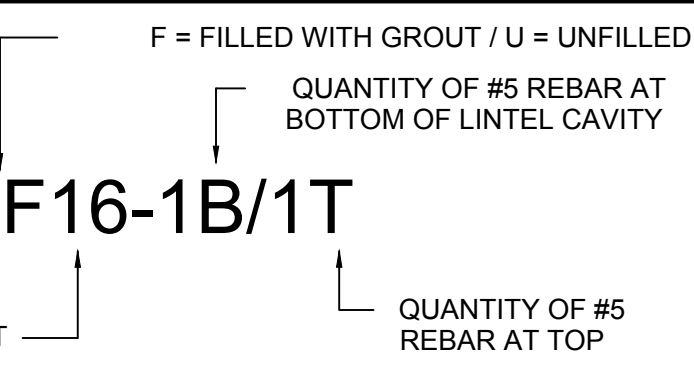
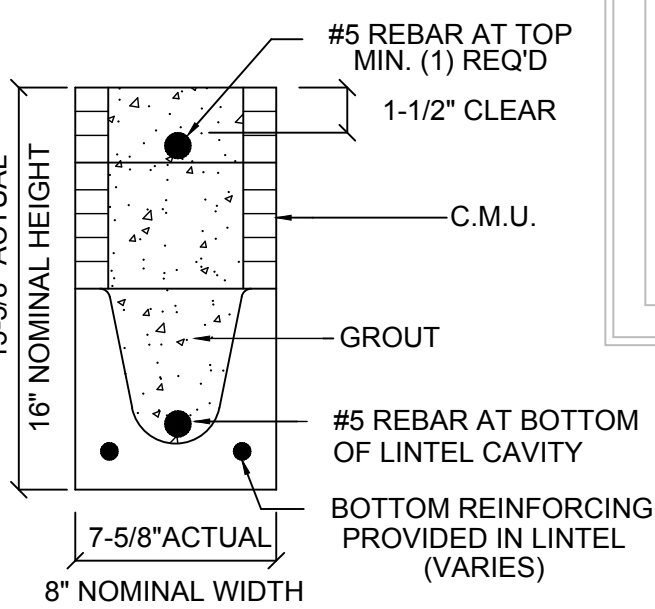
- PROVIDE FULL MORTAR HEAD AND BED JOINTS.
- SHORE FILLED LINTELS AS REQUIRED.
- INSTALLATION OF LINTEL MUST COMPLY WITH THE ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS.
- LINTELS ARE MANUFACTURED WITH 5-1/2" LONG NOTCHES AT THE ENDS TO ACCOMMODATE VERTICAL CELL REINFORCING AND GROUTING.
- ALL LINTELS MEET OR EXCEED L/360 VERTICAL DEFLECTION, EXCEPT LINTELS 17'-4" AND LONGER WITH A NOMINAL HEIGHT OF 8" MEET OR EXCEED L/180.
- BOTTOM FIELD ADDED REBAR TO BE LOCATED AT THE BOTTOM OF THE LINTEL CAVITY.
- 7/32" DIAMETER WIRE STIRRUPS ARE WELDED TO THE BOTTOM STEEL FOR MECHANICAL ANCHORAGE.
- CAST-IN-PLACE CONCRETE MAY BE PROVIDED IN COMPOSITE LINTEL IN LIEU OF CONCRETE MASONRY UNITS.
- SAFE LOAD RATINGS BASED ON RATIONAL DESIGN ANALYSIS PER ACI 318 AND ACI 530

SAFE LOAD TABLE NOTES

- ALL VALUES BASED ON MINIMUM 4" BEARING. EXCEPTION: SAFE LOADS FOR UNFILLED LINTELS MUST BE REDUCED BY 20% IF BEARING LENGTH IS LESS THAN 6-1/2". SAFE LOADS FOR ALL RECESSED LINTELS BASED ON 8" NOMINAL BEARING.
- N.R. = NOT RATED.
- SAFE LOADS ARE TOTAL SUPERIMPOSED ALLOWABLE LOAD ON THE SECTION SPECIFIED.
- SAFE LOADS BASED ON GRADE 40 OR GRADE 60 FIELD REBAR.
- ADDITIONAL LATERAL LOAD CAPACITY CAN BE OBTAINED BY THE DESIGNER BY PROVIDING ADDITIONAL REINFORCED MASONRY ABOVE THE PRECAST LINTEL.
- ONE #7 REBAR MAY BE SUBSTITUTED FOR TWO #5 REBARS IN 8" LINTELS ONLY. THE DESIGNER MAY EVALUATE CONCENTRATED LOADS FROM THE SAFE LOAD TABLES BY CALCULATING THE MAXIMUM RESISTING MOMENT AND SHEAR AT D-AWAY FROM THE FACE OF SUPPORT.
- FOR COMPOSITE LINTEL HEIGHTS NOT SHOWN, USE SAFE LOAD FROM NEXT LOWER HEIGHT.
- ALL SAFE LOADS IN UNITS OF POUNDS PER LINEAR FOOT.

8" PRECAST w/ 2" RECESS DOOR U-LINTELS										
UPLIFT										
LENGTH	TYPE	8RF6-1T	8RF10-1T	8RF14-1T	8RF18-1T	8RF22-1T	8RF26-1T	8RF30-1T	8R06	8R08
		8RF6-2T	8RF10-2T	8RF14-2T	8RF18-2T	8RF22-2T	8RF26-2T	8RF30-2T		
4'-4" (52")	PRECAST	1244	1573	2413	3260	4112	4967	5825	932	932
4'-6" (54")	PRECAST	1192	1507	2311	3121	3937	4756	5577	853	853
5'-8" (68")	PRECAST	924	1172	1795	2423	3055	3689	4325	501	501
5'-10" (70")	PRECAST	896	1138	1742	2352	2965	3581	4198	469	469
6'-8" (80")	PRECAST	778	882	1513	2042	2573	3107	3642	830	1100
7'-6" (90")	PRECAST	688	697	1225	1610	2000	2393	2793	710	941
9'-8" (116")	PRECAST	533	433	808	1123	1413	1704	1995	516	614

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



PRE-CAST LINTEL PLAN "C" (STANDARD)

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

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Park Square HOMES

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

LINTEL PLAN
S2.C2

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SAFE LOAD TABLES FOR GRAVITY, UPLIFT & LATERAL LOADS

8" PRECAST & PRESTRESSED U-LINTELS										
GRAVITY										
LENGTH	TYPE	808	8F8-0B		8F12-0B		8F16-0B		8F20-0B	
			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	2325	2496	3467	4438	5410	6384	7358	
4'-6" (54")	PRECAST	1651	2946	4473	6039	7526	9004	10472	11936	
5'-4" (64")	PRECAST	1184	2170	4027	6039	7526	9004	10472	11936	
5'-10" (70")	PRECAST	972	1223	1301	1809	2317	2826	3336	3846	
6'-6" (78")	PRECAST	937	1665	2889	5057	6096	5400	6424	7450	
7'-6" (90")	PRECAST	767	1029	1675	2610	3839	5596	6613	5047	
8'-0" (96")	PRECAST	670	830	1362	1927	1602	1961	2320	2680	
8'-8" (104")	PRECAST	618	899	1445	2214	3192	4533	6513	4087	
9'-4" (112")	PRECAST	573	767	1257	1779	1479	1810	2142	2474	
10'-6" (126")	PRECAST	456	829	1332	2044	2946	4184	6012	3773	
11'-4" (136")	PRECAST	445	632	1049	1469	1210	1482	1754	2027	
12'-0" (144")	PRECAST	414	768	1212	1818	2544	3469	4030	3127	
13'-4" (160")	PRECAST	382	482	802	1125	915	1122	1328	1536	
14'-0" (168")	PRECAST	338	658	1026	1514	2081	2714	3130	2404	
14'-8" (176")	PRESTRESSED	N.R.	598	935	1365	1854	2355	1703	2075	
15'-4" (184")	PRESTRESSED	N.R.	598	935	1365	1854	2441	3155	4044	
17'-4" (208")	PRESTRESSED	N.R.	545	864	1254	1689	2074	1570	1818	
19'-4" (232")	PRESTRESSED	N.R.	555	864	1254	1693	2211	2832	3590	
21'-4" (256")	PRESTRESSED	N.R.	427	728	1028	1331	1635	1224	1418	
22'-0" (264")	PRESTRESSED	N.R.	485	748	1076	1438	1855	2343	2920	
24'-0" (288")	PRESTRESSED	N.R.	381	648	919	1190	1462	1087	1280	

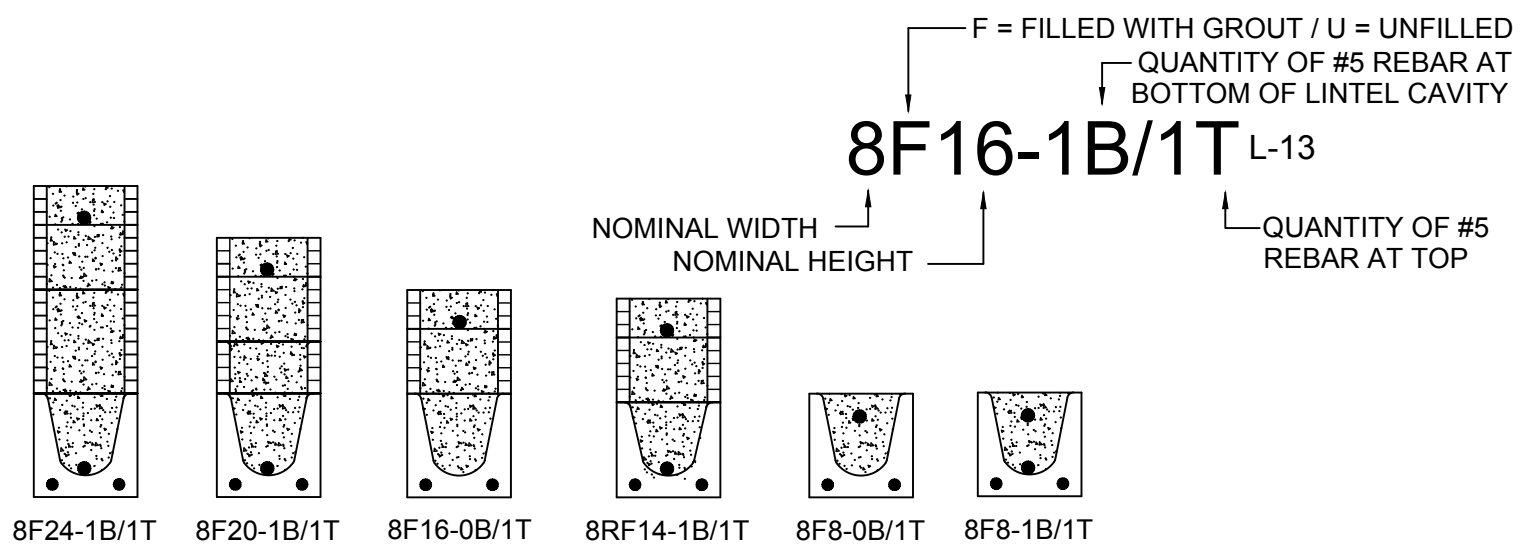
8" PRECAST w/ 2" RECESS DOOR U-LINTELS										
GRAVITY										
LENGTH	TYPE	8R06	8RF6-0B		8RF12-0B		8RF16-0B		8RF20-0B	
			8RF6-1B	8RF12-1B	8RF16-1B	8RF20-1B	8RF24-1B	8RF28-1B	8RF32-1B	
4'-4" (52")	PRECAST	1489	1591	3053	2982	3554	4529	5904	6880	
4'-6" (54")	PRECAST	1357	1827	3412	4982	6472	7947	9416	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	622	832	1602	1550	2058	2566	3075	3585	
7'-6" (90")	PRECAST	665	1153	2162	4074	6472	6516	5814	6839	
9'-8" (116")	PRECAST	371	779	1500	1449	1924	2400	2876	3352	
			1103	2051	3811	6472	6516	5450	6411	
			907	1677	2933	2576	3223	3872	4522	
			907	1677	2933	4100	6730	8177	6707	
			761	1377	2252	1958	2451	2944	3439	
			764	1377	2329	3609	5492	6624	5132	
			420	834	1253	1071	1342	1614	1886	
			535	928	1497	2179	2618	3595	2875	

8" PRECAST & PRESTRESSED U-LINTELS											
UPLIFT											
LENGTH	TYPE	8F8-1T		8F12-1T		8F16-1T		8F20-1T		8F24-1T	
		8F8-2T	8F12-2T	8F16-2T	8F20-2T	8F24-2T	8F28-2T	8F32-2T	808	8F8	
2'-10" (34")	PRECAST	2727	2878	4101	5332	6569	7811	9055		2021	2021
3'-6" (42")	PRECAST	2165	2289	3260	4237	5219	6204	7192		1257	1257
4'-0" (48")	PRECAST	1878	1989	2832	3660	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	959	912	1475	1914	2354	2797	3240		591	857
9'-4" (112")	PRECAST	801	801	1029	1466	1907	2351	2797	3245	454	630
10'-6" (126")	PRECAST	716	716	912	1269	1560	1852	2144		396	493
11'-4" (136")	PRECAST	666	666	839	1099	1389	1711	2034	2358	363	556
12'-0" (144")	PRECAST	607	607	740	955	1195	1435	1675		340	494
13'-4" (160")	PRECAST	500	500	598	788	988	1188	1388		302	398
14'-0" (168")	PRECAST	458	458	536	693	850	1007	1164		286	360
14'-8" (176")	PRESTRESSED	243	243	295	459	591	724	857	990	N.R.	357
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	N.R.	255
19'-4" (232")	PRESTRESSED	165	165	207	313	401	490	578	667	N.R.	204
21'-4" (256")	PRESTRESSED	142	142	186	278	356	433	512	590	N.R.	172
22'-0" (264")	PRESTRESSED	137	137	180	268	343	418	493	568	N.R.	161
24'-0" (288")	PRESTRESSED	124	124	165	244	312	380	447	515	N.R.	135

*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR

CAST CRETE / LOTS / WEKIWA / FLORIDA ROCK PRECAST LINTEL SCHEDULE

LINTEL NO.	LENGTH	TYPE	COMMENTS
L-1	9'-4"	8F48-1B/1T	GARAGE
L-2	17'-4"	8F48-1B/1T	GARAGE
L-3	7'-6"	8F48-1B/1T	6020 F.G. & (2) 3060 S.H.
L-4	3'-6"	8F48-1B/1T	2030 F.G.
L-5	4'-6"	8F48-0B/1T	3060 S.H.
L-6	10'-6"	8F8-1B/1T	(3) 3060 S.H.
L-7	10'-6"	8F16-1B/1T	(3) 3020 F.G. TR. ABV.
L-8	17'-4"	8F8-1B/1T	16'-0" X 8'-0" S.G.D.
L-9	17'-4"	8F16-1B/1T	(4) 4020 F.G. TR. ABV.
L-10	7'-6"	8F24-1B/1T	(2) 3060 S.H. w/ 6020 F.G.
L-11	7'-6"	8RF6-1B/1T	SET BTM. @ 8'-4" AFF.
L-11A	7'-6"	8F8-1B/1T	ENTRY
L-12	17'-4"	8F16-1B/1T	LANAI
L-13	11'-4"	8F16-1B/1T	LANAI
L-14	21'-4"	8F16-1B/1T	LANAI
L-15	13'-4"	8F16-1B/1T	LANAI
L-16	5'-4"	8F16-1B/1T	LANAI
L-17	4'-4"	8RF54-0B/1T	2880 DR. (OPT)



MATERIALS

1. F'C PRECAST LINTELS = 3500 PSI.
2. F'C PRESTRESSED LINTELS = 6000 PSI.
3. F'C GROUT = 3000 PSI W/ MAXIMUM 3/8" AGGREGATE.
4. CONCRETE MASONRY UNITS (CMU) PER ASTM C90 W/ MINIMUM NET AREA COMPRESSIVE STRENGTH = 1900 PSI.
5. REBAR PROVIDED IN PRECAST LINTEL PER ASTM A615 GR60. FIELD REBAR PER ASTM A615 GR40 OR GR60.
6. PRESTRESSING STRAND PER ASTM A416 GRADE 270 LOW RELAXATION.
7. 7/32 WIRE PER ASTM A510.
8. MORTAR PER ASTM C270 TYPE M OR S.

GENERAL NOTES

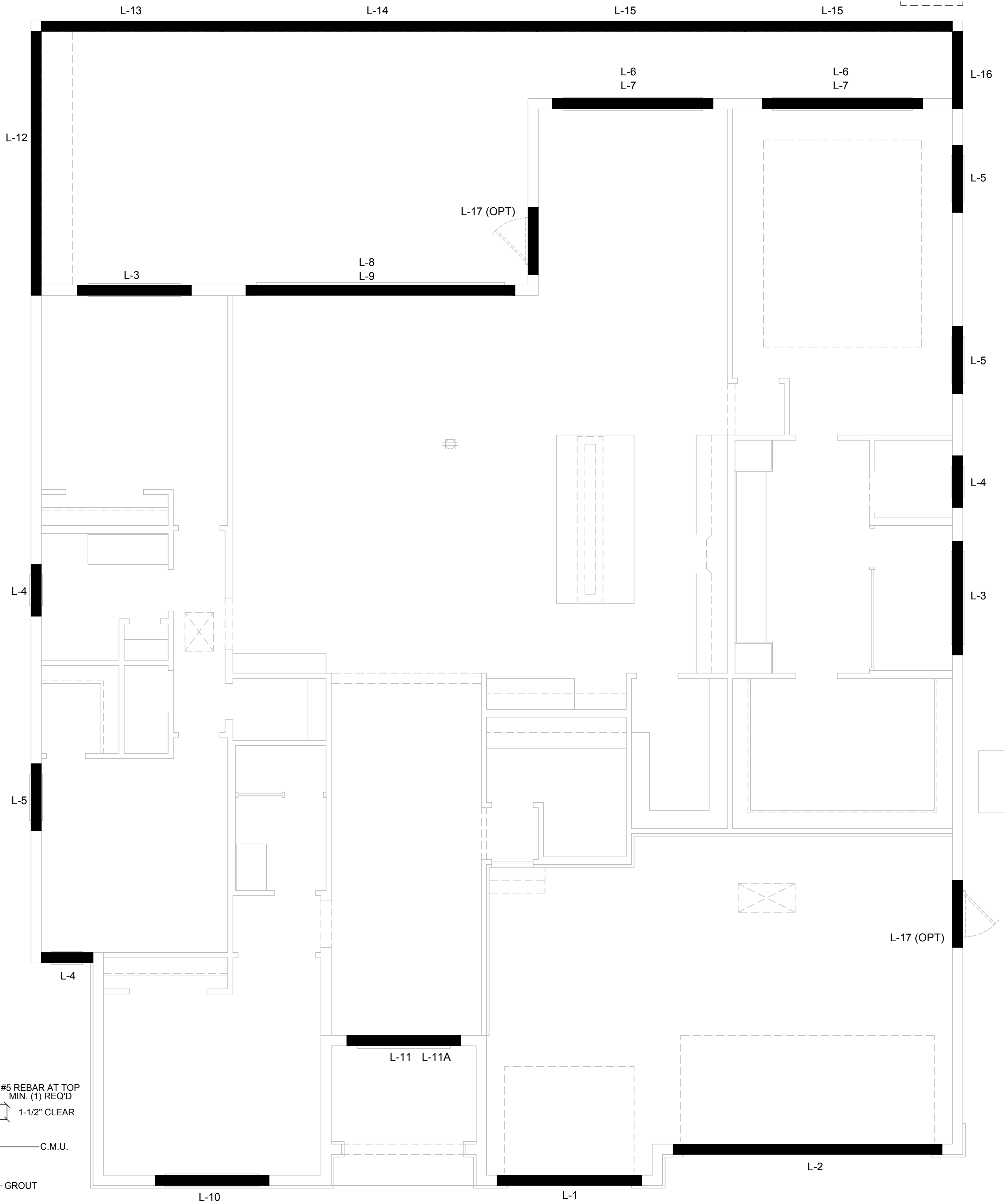
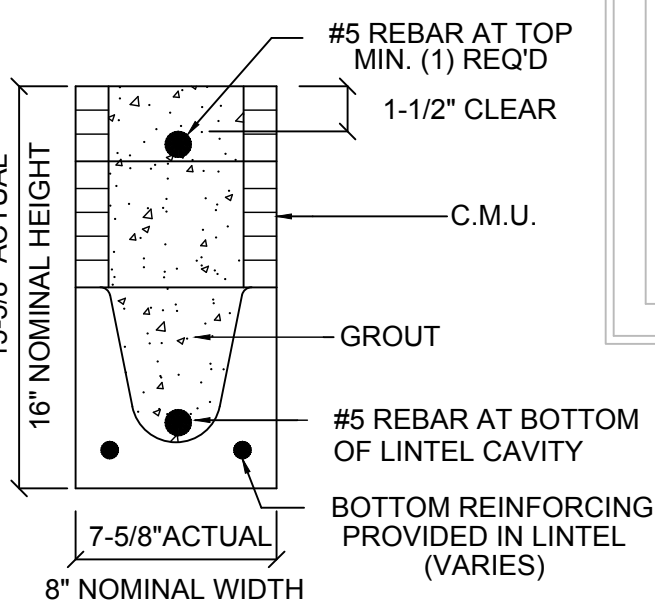
1. PROVIDE FULL MORTAR HEAD AND BED JOINTS.
2. SHORE FILLED LINTELS AS REQUIRED.
3. INSTALLATION OF LINTEL MUST COMPLY WITH THE ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS.
4. LINTELS ARE MANUFACTURED WITH 5-1/2" LONG NOTCHES AT THE ENDS TO ACCOMMODATE VERTICAL CELL REINFORCING AND GROUTING.
5. ALL LINTELS MEET OR EXCEED L/360 VERTICAL DEFLECTION, EXCEPT LINTELS 17'-4" AND LONGER WITH A NOMINAL HEIGHT OF 8" MEET OR EXCEED L/180.
6. BOTTOM FIELD ADDED REBAR TO BE LOCATED AT THE BOTTOM OF THE LINTEL CAVITY.
7. 7/32" DIAMETER WIRE STIRRUPS ARE WELDED TO THE BOTTOM STEEL FOR MECHANICAL ANCHORAGE.
8. CAST-IN-PLACE CONCRETE MAY BE PROVIDED IN COMPOSITE LINTEL IN LIEU OF CONCRETE MASONRY UNITS.
9. SAFE LOAD RATINGS BASED ON RATIONAL DESIGN ANALYSIS PER ACI 318 AND ACI 530

SAFE LOAD TABLE NOTES

1. ALL VALUES BASED ON MINIMUM 4" BEARING. EXCEPTION: SAFE LOADS FOR UNFILLED LINTELS MUST BE REDUCED BY 20% IF BEARING LENGTH IS LESS THAN 6-1/2". SAFE LOADS FOR ALL RECESSED LINTELS BASED ON 8" NOMINAL BEARING.
2. N.R. = NOT RATED.
3. SAFE LOADS ARE TOTAL SUPERIMPOSED ALLOWABLE LOAD ON THE SECTION SPECIFIED.
4. SAFE LOADS BASED ON GRADE 40 OR GRADE 60 FIELD REBAR.
5. ADDITIONAL LATERAL LOAD CAPACITY CAN BE OBTAINED BY THE DESIGNER BY PROVIDING ADDITIONAL REINFORCED MASONRY ABOVE THE PRECAST LINTEL.
6. ONE #7 REBAR MAY BE SUBSTITUTED FOR TWO #5 REBARS IN 8" LINTELS ONLY.
7. THE DESIGNER MAY EVALUATE CONCENTRATED LOADS FROM THE SAFE LOAD TABLES BY CALCULATING THE MAXIMUM RESISTING MOMENT AND SHEAR AT D-AWAY FROM THE FACE OF SUPPORT.
8. FOR COMPOSITE LINTEL HEIGHTS NOT SHOWN, USE SAFE LOAD FROM NEXT LOWER HEIGHT.
9. ALL SAFE LOADS IN UNITS OF POUNDS PER LINEAR FOOT.

8" PRECAST w/ 2" RECESS DOOR U-LINTELS											
UPLIFT											
LENGTH	TYPE	8RF6-1T		8RF10-1T		8RF14-1T		8RF22-1T		8RF30-1T	
		8RF6-2T	8RF10-2T	8RF14-2T	8RF18-2T	8RF22-2T	8RF26-2T	8RF30-2T	8R06	8RF6	
4'-4" (52")	PRECAST	1244	1573	2413	3200	4112	4967	5825		932	932
4'-6" (54")	PRECAST	1192	1507	2311	3121	3937	4756	5577		853	853
5'-8" (68")	PRECAST	924	1172	1795	2423	3055	3689	4325		501	501
5'-10" (70")	PRECAST	896	1138	1742	2352	2965	3581	4198		469	469
6'-8" (80")	PRECAST	778	882	1513	2042	2573	3107	3642		830	1100
7'-6" (90")	PRECAST	688	697	1235	1810	2380	2753	3227		710	941
9'-8" (116")	PRECAST	533	527	1009	1369	1728	2088	2450		516	614

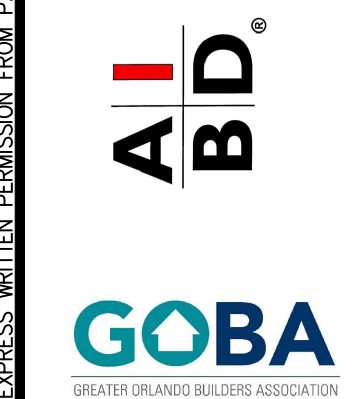
*REDUCE VALUE BY 25% FOR GRADE 40 FIELD REBAR



PRE-CAST LINTEL PLAN "C"
(Opt. Office & Ext. Lanai)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)



815 Orienta Ave. Suite# 1040
Altamonte Springs, FL 32701
Ph: (407) 629-6711
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Fax: (407) 629-6776



"CRISTO"
60-2992
Lot # - Subdivision
Street Address
City, State, Zip

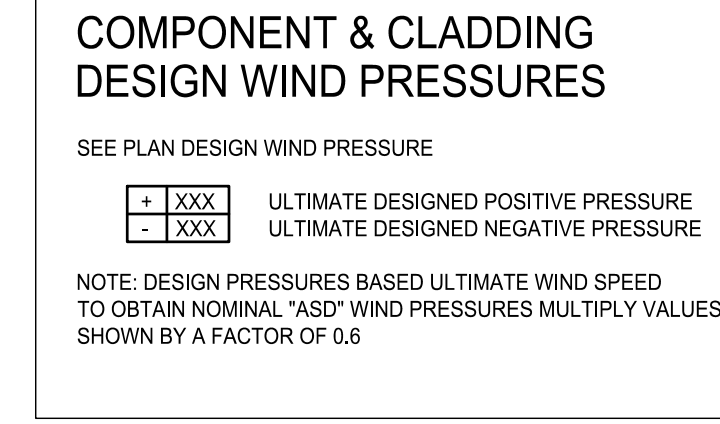
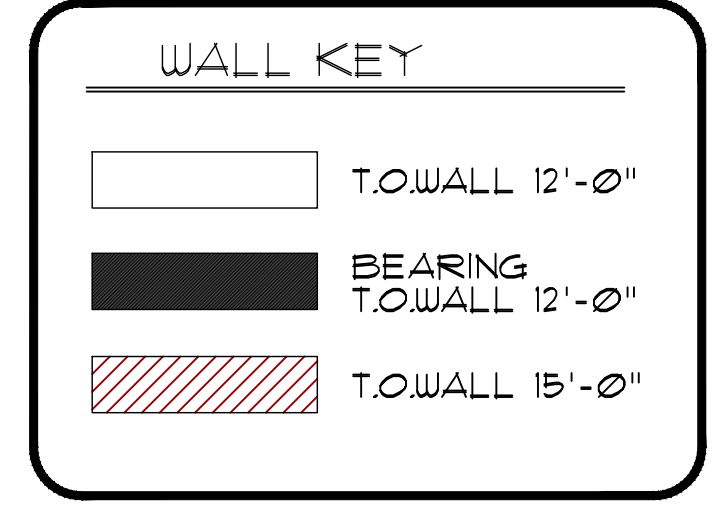
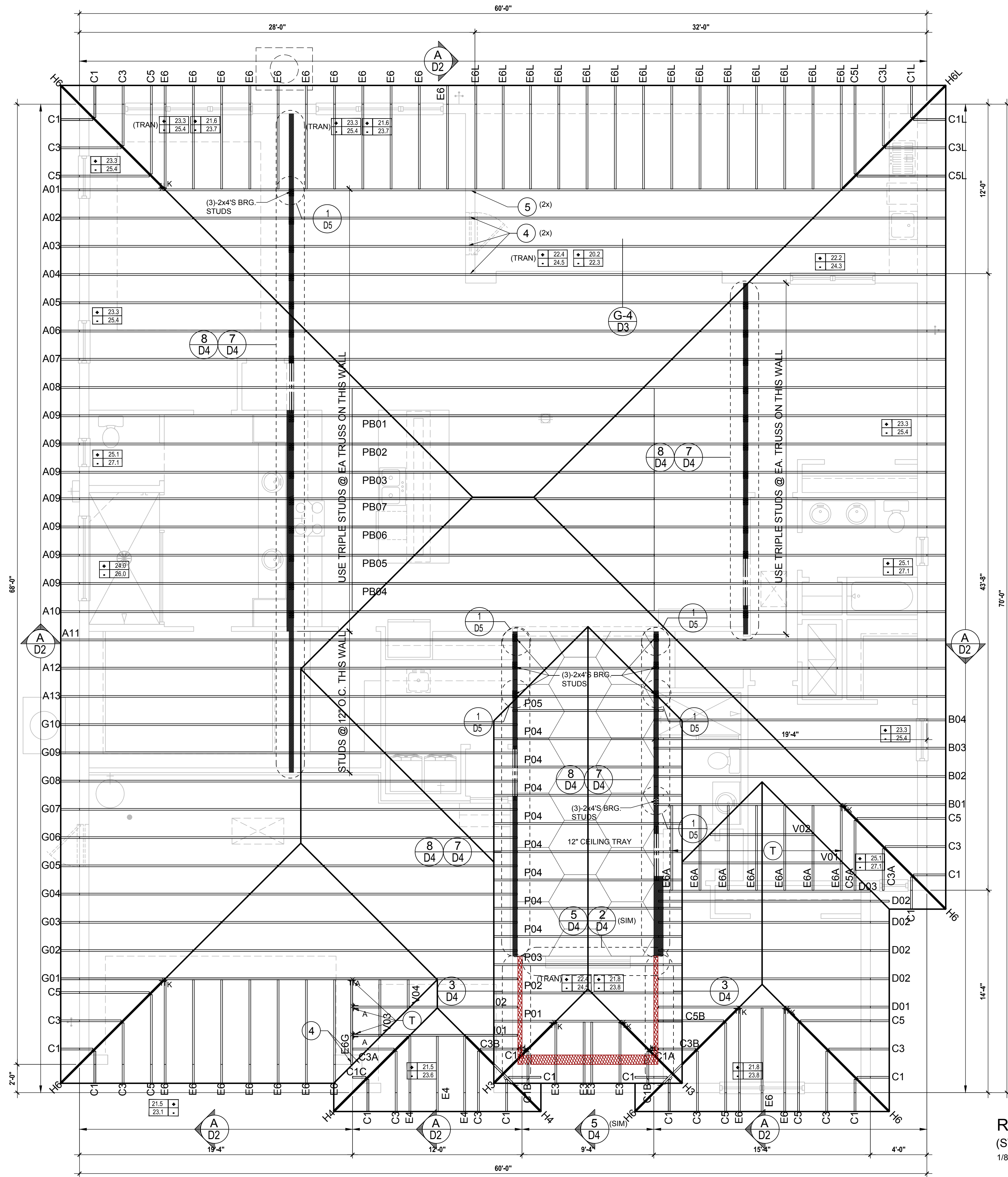
A division of Park Square
Enterprises Inc.
5200 Vineland Rd. Suite #200
Orlando, FL 32811
Phone: (407) 529-3000



ISSUE DATE	03/03/2023
REVISIONS	
PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	C.C.
DESIGNED BY:	MJS

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	400	210 / 170
21	H1	RFT: 6-8dx1 1/2" / PLT: 4-8d	480	510 / 165
22	H10S	RFT: 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	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 1/2" 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 1/2"x3"(2) 7/8" BLT	3,990	N/A
104	HU8-SDS2.5	7/8" BLT/20-SDS 1/2"x2 1/2"	5,020	N/A
110	HCP1.81	(6) 0.148 x 1 1/2"	590	255 / N/A
167	HHUS46	H: 14-16d/J: 6-16d	1,550	N/A
168	U46	H: 8-10d/J: 4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H: 14-16d/J: 4-10d	1,085	N/A
214	HUC212-3TF	HD: 16-3/16"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			



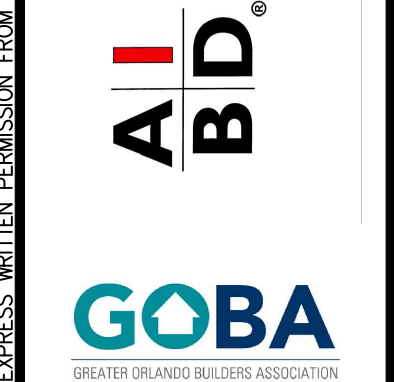
- FIELD REPAIR NOTES**
- MISSED FOOTING DOWELS MAY BE SUBSTITUTED W/ A STRAIGHT #5 REBAR SET IN A 3/4" DIA. x 6" DEEP HOLE FILLED W/ UNITEX PROPOXY 300 OR SIMPSON SET OR ETF ADHESIVES.
 - BLOCK WALL OVERHANGING SLAB CONDITION: UP TO 7/8" - NO REPAIR NECESSARY 7/8" TO 1 1/2" - ADD FILLED CELL (NO VERTICAL STEEL) MIDPOINT OF WALL BETWEEN EXISTING FILLED CELLS (WITH STEEL) IN AREAS AFFECTED 1 1/2" - REQUIRE SPECIAL ENGINEERING LETTER.
 - PENETRATION OF PLUMBING PIPES/DRYER VENTS THRU PLATES OF A LOAD BEARING WALL MAY OCCUR PROVIDED DBL. STUDS ARE ADDED ON EITHER SIDE OF PENETRATION WITHIN 3" AND TRUSS/FLOOR TRUSS IS NO CLOSER THAN 3" FROM PENETRATION. ADD (1) MTS12 @ TOP AND BOTTOM PLATE

- NOTES**
- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
 - TYPICAL ROOF EAVES OVERHANG TO BE 16" UNLESS OTHERWISE NOTED.
 - PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH 7TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
 - ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZE BY TRUSS MANUFACTURER OR FL. REG. ENG.
 - TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS. FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WCTA BCSI 1.
 - REFER TO TRUSS MANUFACTURERS DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
 - ROOF UNDERLAYMENT TO BE USED IS 30 LBS. SYNTHETIC FELT.
 - SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBOR 2020, 7TH EDITION R905.1.1. UNDERLAYMENT MATERIALS REQUIRED TO COMPLY WITH ASTM D226, D1970, D4869 AND D6757 SHALL BEAR A LABEL INDICATING COMPLIANCE TO THE STANDARD DESIGNATION AND, IF APPLICABLE, TYPE CLASSIFICATION INDICATED IN TABLE R905.1.1 UNDERLAYMENT SHALL BE APPLIED AND ATTACHED IN ACCORDANCE WITH TABLE R905.1.1.
 - OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - LOMANCO: (2) 9/2" DIA. CIRCLES
 - MILLENNIUM METAL: 2 1/2"x46" HOLE

ROOF FRAMING PLAN "A"
(STANDARD)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)



815 Orienta Ave. Suite# 1040
Altamonte Springs, FL 32701
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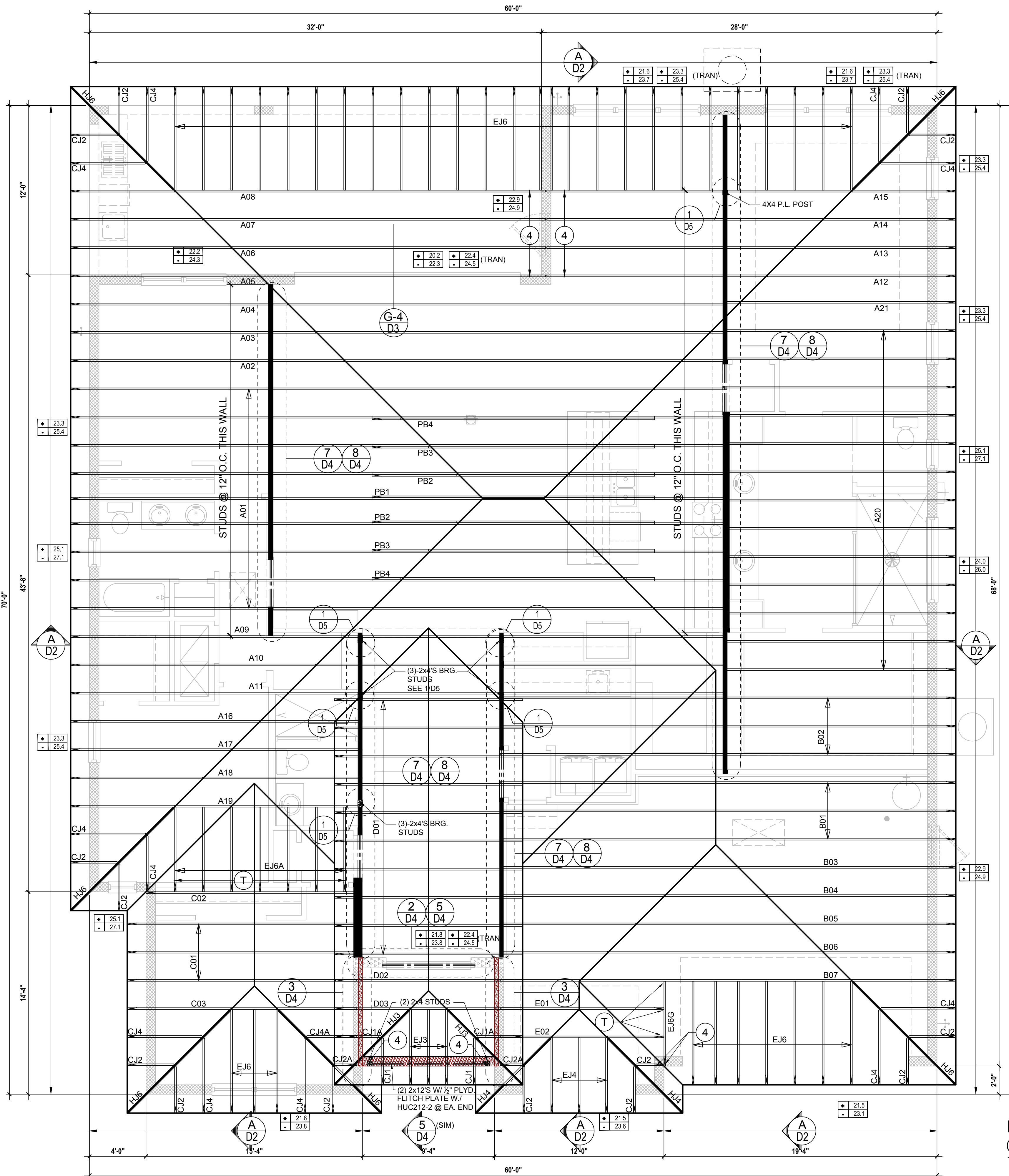


ISSUE DATE: 03/03/2023
REVISIONS:
PROJECT: 00-0000
SCALE: AS NOTED
DRAWN BY: C.C.
DESIGNED BY: MJS

ROOF FRAMING PLAN
S3.A

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	400	210 / 170
21	H1	RFT: 6-8dx1 1/2" / PLT: 4-8d	480	510 / 165
22	H10S	RFT: 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 1/2" 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 1/2"x3" / (2) 7/8" BLT	3,990	N/A
104	HDU8-SDS2.5	7/8" BLT / 20-SDS 1/2"x2 1/2"	5,020	N/A
110	HCP1.81	(6) 0.148 x 1 1/2"	590	255 / N/A
167	HHUS46	H: 14-16d/J: 6-16d	1,550	N/A
168	U46	H: 8-10d/J: 4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H: 14-16d/J: 4-10d	1,085	N/A
214	HUC212-3TF	HD: 16-3/16"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
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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			



WALL KEY

- T.O. WALL 12'-0"
- BEARING T.O. WALL 12'-0"
- T.O. WALL 15'-0"

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

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/ 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 1/2" - ADD FILLED CELL (NO VERTICAL STEEL MIDPOINT OF WALL BETWEEN EXISTING FILLED CELLS (WITH STEEL) IN AREAS AFFECTED 1 1/2" - REQUIRE SPECIAL ENGINEERING LETTER.
- PENETRATION OF PLUMBING PIPES/DRYER VENTS THRU PLATES OF A LOAD BEARING WALL MAY OCCUR PROVIDED DBL. STUDS ARE ADDED ON EITHER SIDE OF PENETRATION WITHIN 3" AND TRUSS/FLOOR TRUSS IS NO CLOSER THAN 3" FROM PENETRATION. ADD (1) MTS12 @ TOP AND BOTTOM PLATE

NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE 16" UNLESS OTHERWISE NOTED.
- PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH 7TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
- ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZE BY TRUSS MANUFACTURER OR FL. REG. ENG.
- TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY KIN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS. FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WCTA BCSI 1.
- REFER TO TRUSS MANUFACTURERS DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
- ROOF UNDERLAYMENT TO BE USED IS 30 LBS. SYNTHETIC FELT.
- SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBOR 2020, 7TH EDITION R905.1.1. UNDERLAYMENT MATERIALS REQUIRED TO COMPLY WITH ASTM D226, D1970, D4869 AND D6757 SHALL BEAR A LABEL INDICATING COMPLIANCE TO THE STANDARD DESIGNATION AND, IF APPLICABLE, TYPE CLASSIFICATION INDICATED IN TABLE R905.1.1 UNDERLAYMENT SHALL BE APPLIED AND ATTACHED IN ACCORDANCE WITH TABLE R905.1.1.
- OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - LOMANCO: (2) 9/2" DIA. CIRCLES
 - MILLENNIUM METAL: 2 1/2"x4" HOLE

ROOF FRAMING PLAN "A"
(STANDARD)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)

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designers group
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"CRISTO"
60-2992
Lot # - Subdivision
Street Address
City, State, Zip

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Enterprises Inc.
5200 Vineland Rd. Suite #200
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Park Square HOMES

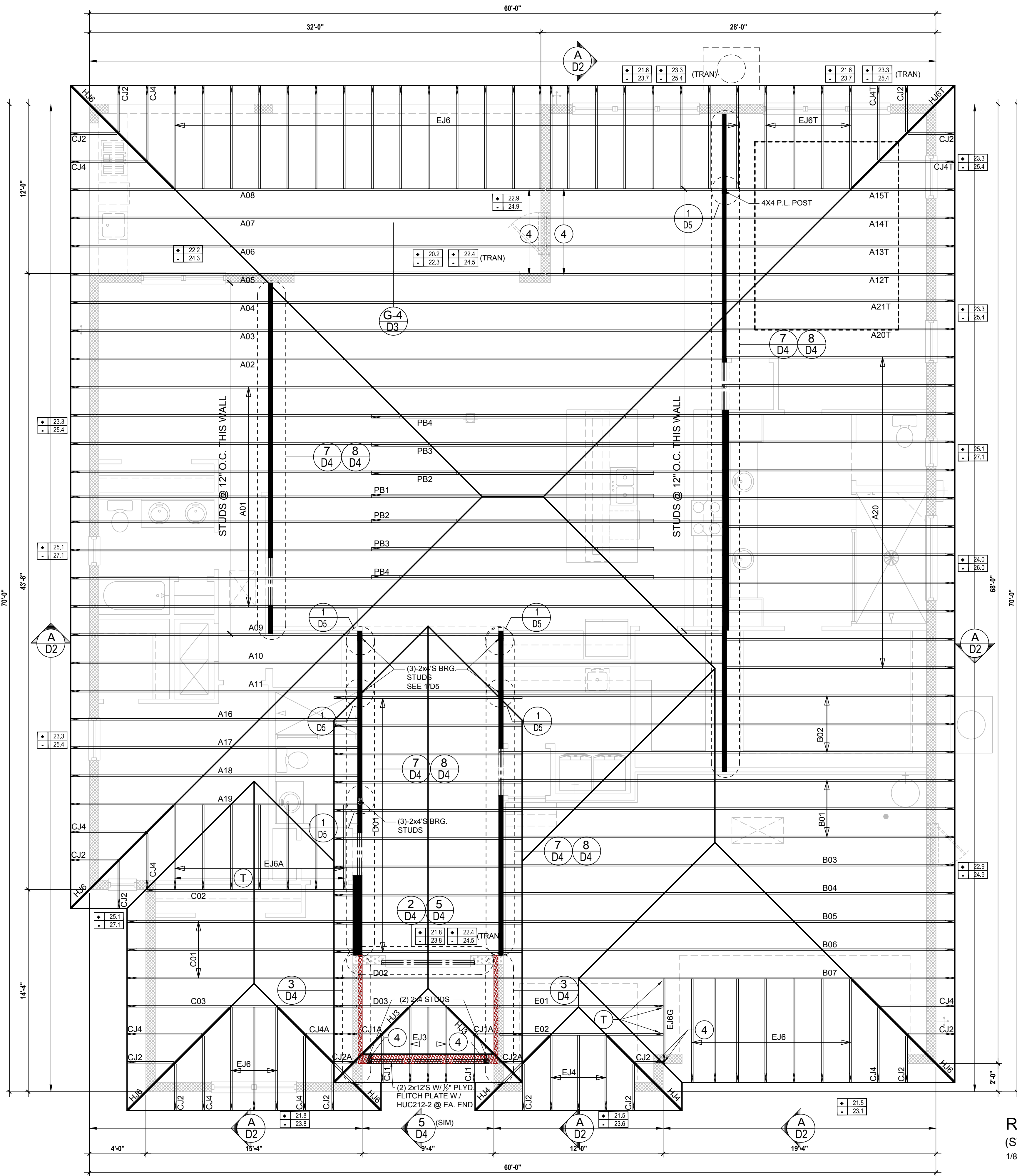
ISSUE DATE: 03/03/2023
REVISIONS:
PROJECT: 00-0000
SCALE: AS NOTED
DRAWN BY: C.C.
DESIGNED BY: MJS

ROOF FRAMING PLAN
S3.A

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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	400	210 / 170
21	H1	RFT: 6-8dx1 1/2" / PLT: 4-8d	480	510 / 165
22	H10S	RFT: 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 1/2" 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 1/2"x3" / (2) 7/8" BLT	3,990	N/A
104	HDU8-SDS2.5	7/8" BLT / 20-SDS 1/2"x2 1/2"	5,020	N/A
110	HCP1.81	(6) 0.148 x 1 1/2"	590	255 / N/A
167	HHUS46	H: 14-16d/J: 6-16d	1,550	N/A
168	U46	H: 8-10d/J: 4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H: 14-16d/J: 4-10d	1,085	N/A
214	HUC212-3TF	HD: 16-3/16"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			



WALL KEY

- T.O.WALL 12'-0"
- BEARING T.O.WALL 12'-0"
- T.O.WALL 15'-0"

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

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/ UNITEX PROPOXY 300 OR SIMPSON SET OR ETF ADHESIVES.
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NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE 16" UNLESS OTHERWISE NOTED.
- PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH 7TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
- ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZE BY TRUSS MANUFACTURER OR FL. REG. ENG.
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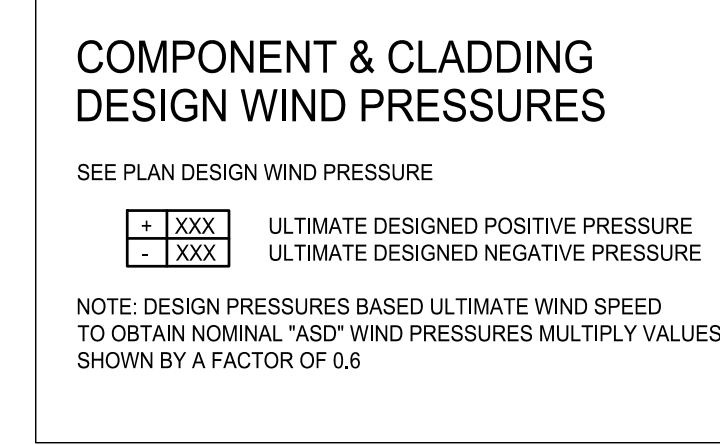
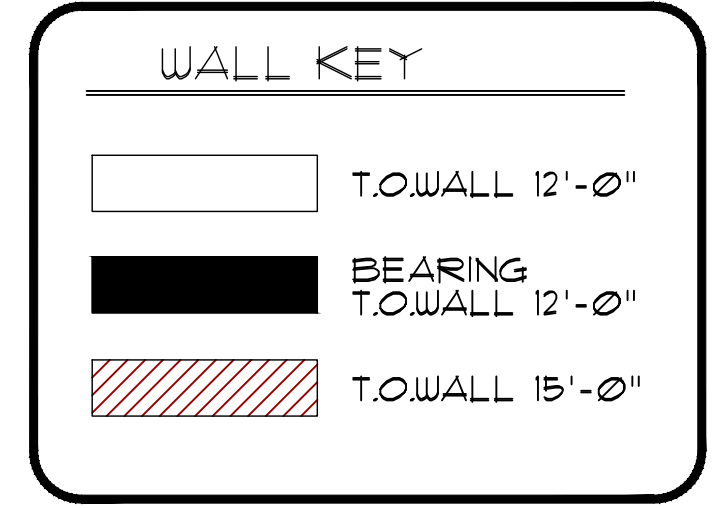
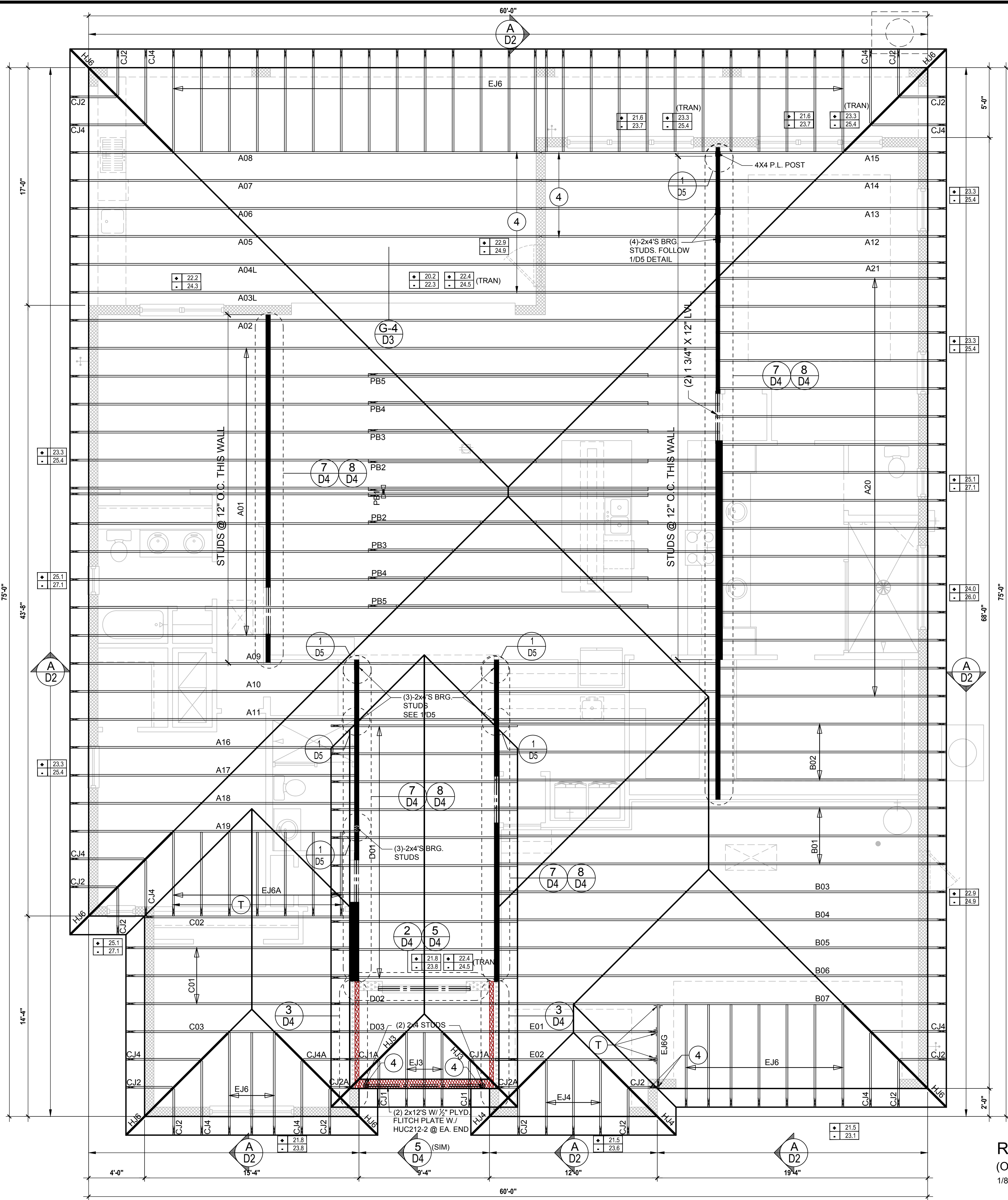
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ISSUE DATE 03/03/2023
REVISIONS
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SCALE: AS NOTED
DRAWN BY: C.C.
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ROOF FRAMING PLAN
S3.A1

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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	400	210 / 170
21	H1	RFT: 6-8dx1 1/2"/PLT: 4-8d	480	510 / 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: 4-1/4"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	HDU8-SDS2.5	7/8" BLT/20-SDS 1/4"x2 1/2"	5,020	N/A
110	HCP1.81	(6) 0.148 x 1 1/2"	590	255 / N/A
167	HHUS46	H: 14-16d/J: 6-16d	1,550	N/A
168	U46	H: 8-10d/J: 4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H: 14-16d/J: 4-10d	1,085	N/A
214	HUC212-3TF	HD: 16-3/16"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
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219	MBHA412	H: 1-ATR3/4X8 TOP&FACE JOIST: 18-10d	3,145	N/A
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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	SURL414	FACE: 18-16d/JST: 8-16d	1,700	N/A
T	CONNECTORS TO BE SPECIFIED & PROVIDED BY TRUSS MANUFACTURERS			



- ### FIELD REPAIR NOTES
- MISSED FOOTING DOWELS MAY BE SUBSTITUTED W/ A STRAIGHT #5 REBAR SET IN A 3" 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 1/2" - ADD FILLED CELL (NO VERTICAL STEEL) MIDPOINT OF WALL BETWEEN EXISTING FILLED CELLS (WITH STEEL) IN AREAS AFFECTED. 1 1/2" - REQUIRE SPECIAL ENGINEERING LETTER.
 - PENETRATION OF PLUMBING PIPES/DRYER VENTS THRU ROOF 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

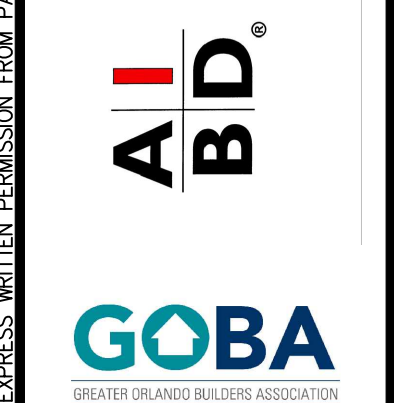
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 - OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - LOMANCO: (2) 9/2" DIA. CIRCLES
 - MILLENNIUM METAL: 2 1/2"x46" HOLE

ROOF FRAMING PLAN "A"
(Opt. Ext. Lanai)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)



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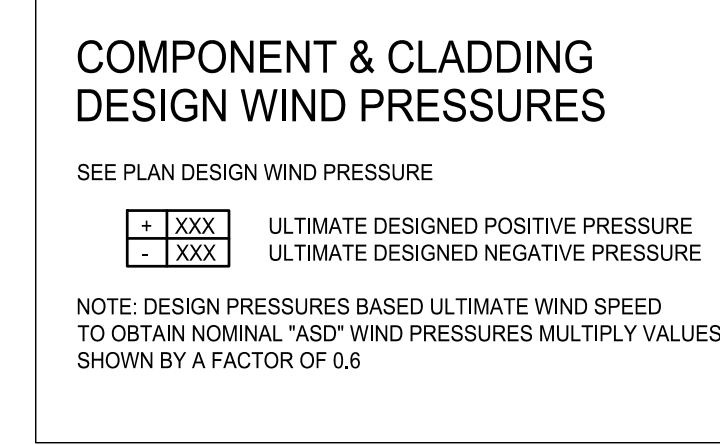
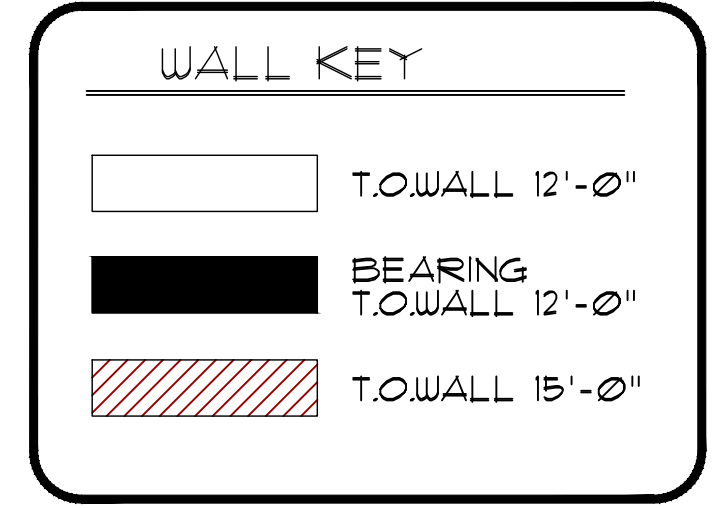
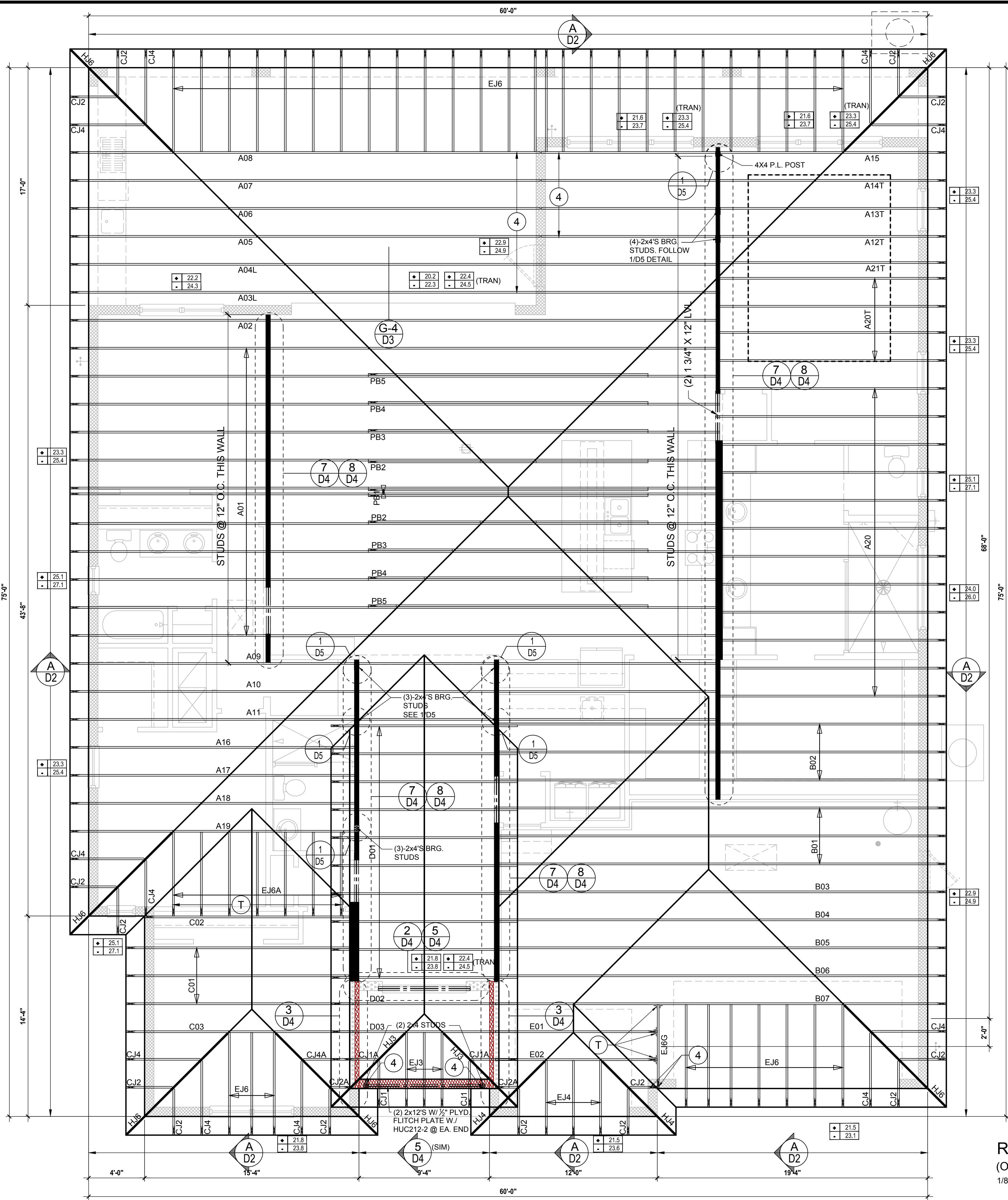
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Orlando, FL 32811
Phone: (407) 529-3000



ISSUE DATE	03/03/2023
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SCALE:	AS NOTED
DRAWN BY:	C.C.
DESIGNED BY:	MJS

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
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20	H3	RFT: 4-8d / PLT: 4-8d	400	210 / 170
21	H1	RFT: 6-8dx1 1/2"/PLT: 4-8d	480	510 / 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
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71	MSTA36	26-10d	2,135	N/A
72	MSTC66	64-16d SINKERS	5,495	N/A
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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
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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	HDU8-SDS2.5	7/8" BLT/20-SDS 1/4"x2 1/2"	5,020	N/A
110	HCP1.81	(6) 0.148 x 1 1/2"	590	255 / N/A
167	HHUS46	H: 14-16d/J: 6-16d	1,550	N/A
168	U46	H: 8-10d/J: 4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H: 14-16d/J: 4-10d	1,085	N/A
214	HUC212-3TF	HD: 16-3/16"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	SURL414	FACE: 18-16d/JST: 8-16d	1,700	N/A
T	CONNECTORS TO BE SPECIFIED & PROVIDED BY TRUSS MANUFACTURERS			



- #### 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/ 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.
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 - OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - LOMANCO: (2) 9/2" DIA. CIRCLES
 - MILLENNIUM METAL: 2 1/2"x46" HOLE

ROOF FRAMING PLAN "A"
(Opt. Ext. Lanai)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)



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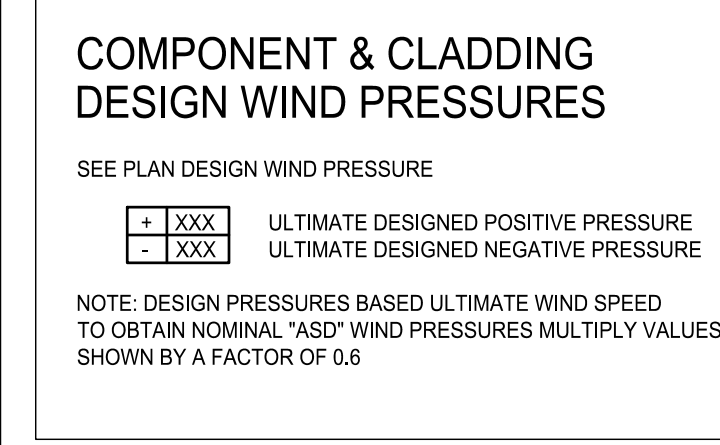
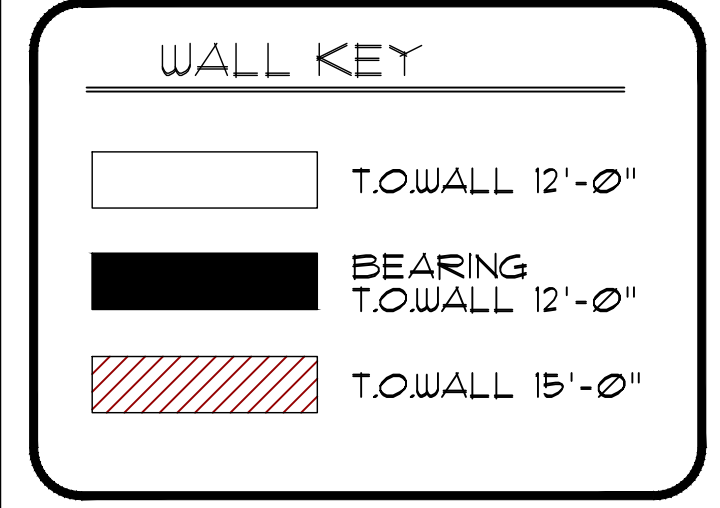
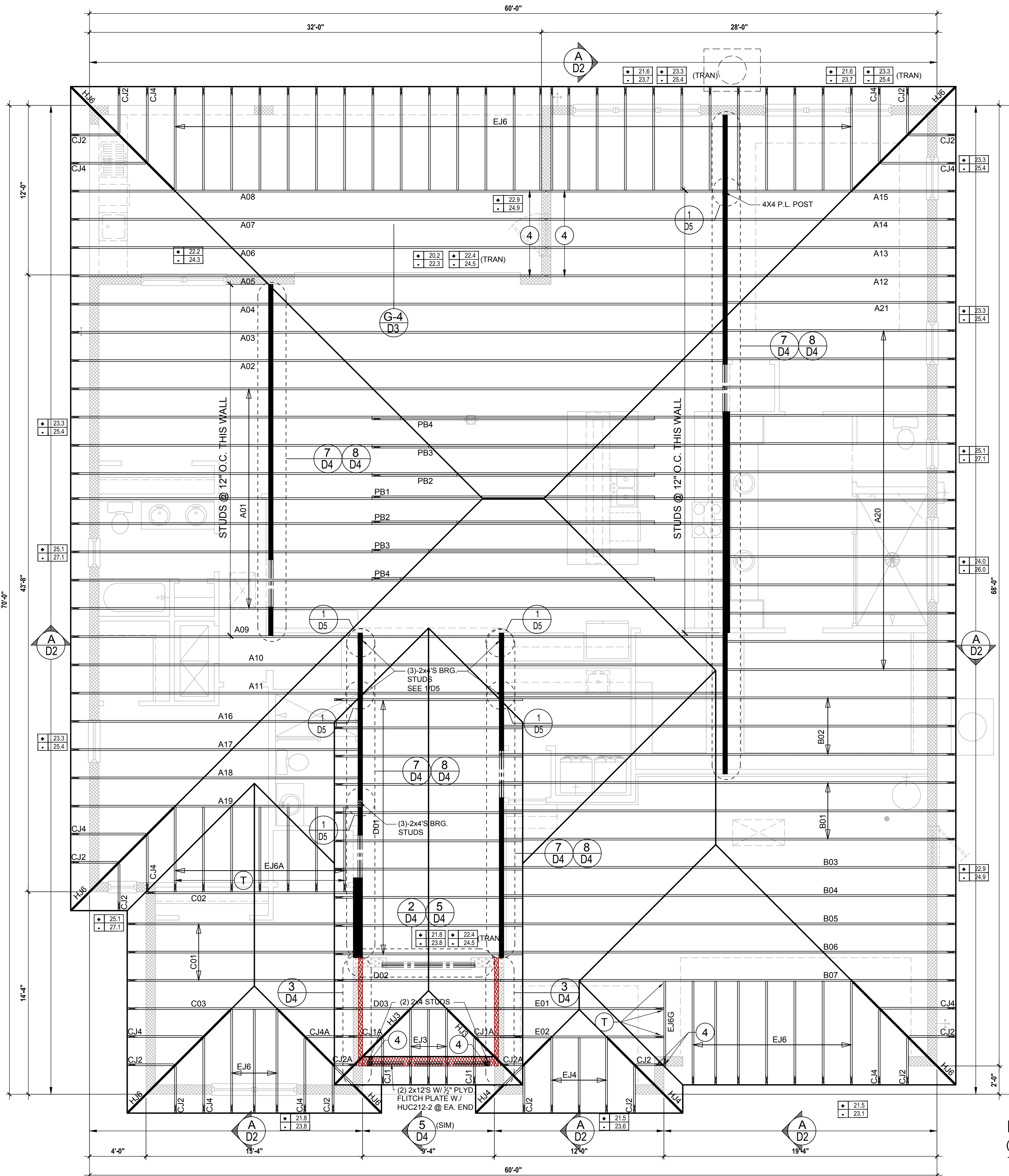
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DRAWN BY:	C.C.
DESIGNED BY:	MJS

ROOF FRAMING PLAN
S3.A3

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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	400	210 / 170
21	H1	RFT: 6-8dx1 1/2" / PLT: 4-8d	480	510 / 165
22	H10S	RFT: 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 1/2" 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 1/2"x3" / (2) 7/8" BLT	3,990	N/A
104	HDU8-SDS2.5	7/8" BLT / 20-SDS 1/2"x2 1/2"	5,020	N/A
110	HCP1.81	(6) 0.148 x 1 1/2"	590	255 / N/A
167	HHUS46	H: 14-16d/J: 6-16d	1,550	N/A
168	U46	H: 8-10d/J: 4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H: 14-16d/J: 4-10d	1,085	N/A
214	HUC212-3TF	HD: 16-3/16"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			



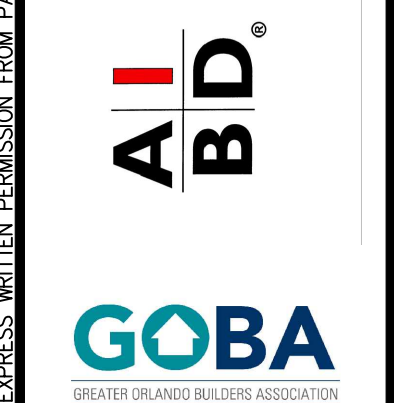
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 - LOMANCO: (2) 9/2" DIA. CIRCLES
 - MILLENNIUM METAL: 2 1/2"x4" HOLE

ROOF FRAMING PLAN "A"
(Opt. Office)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)



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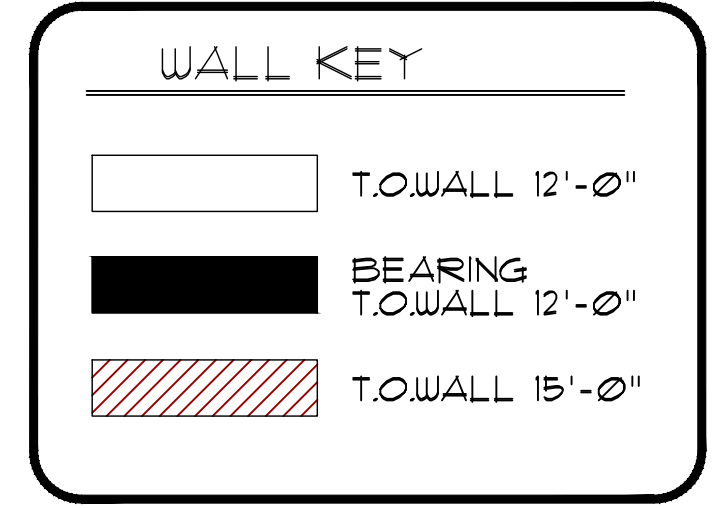
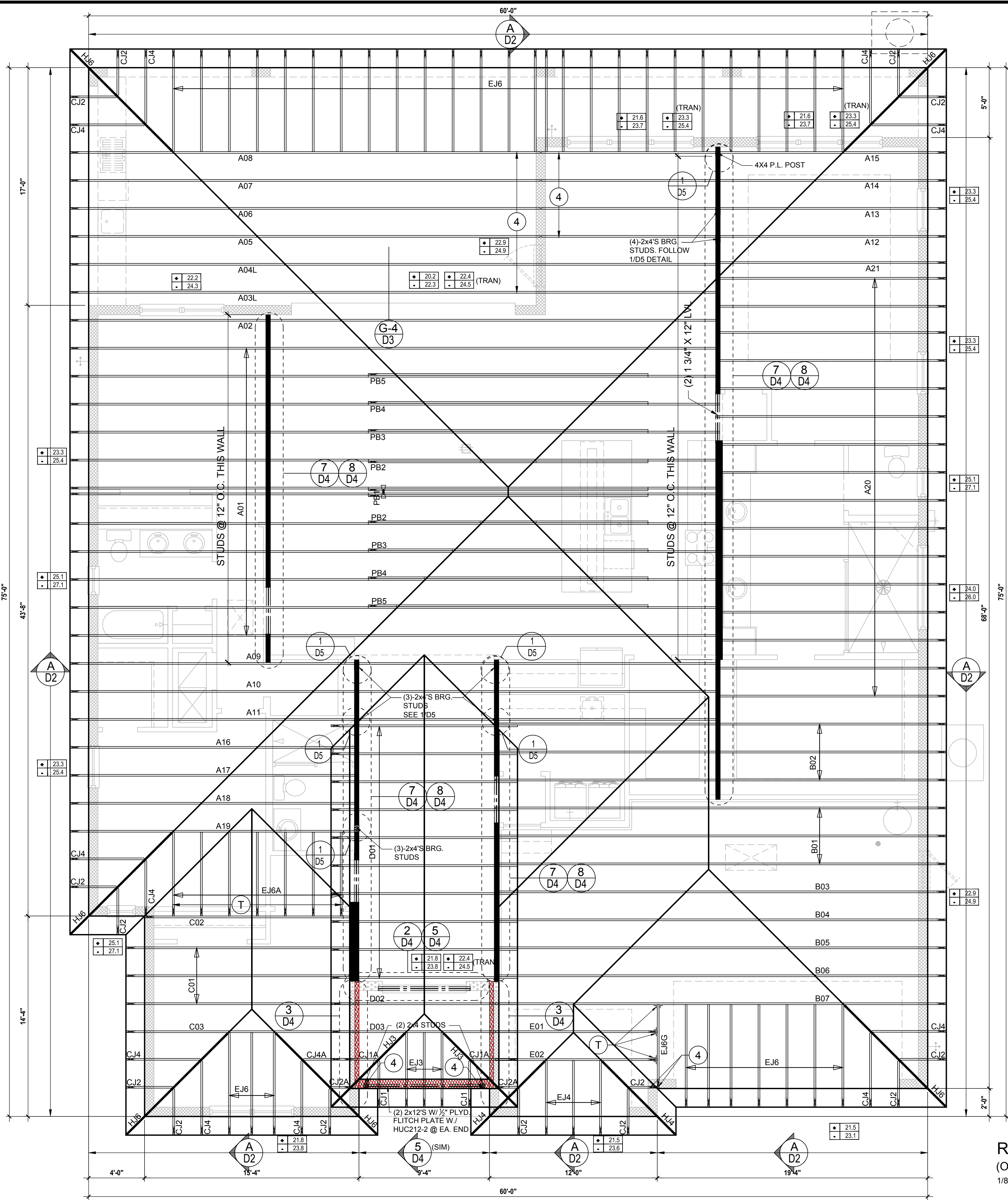
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DRAWN BY:	C.C.
DESIGNED BY:	MJS

CONNECTOR SCHEDULE

CONNECT. TYPE	SIMPSON		MAX. UPLIFT	LAT. LDS. F1 / F2
	DESCRIPTION	FASTENERS PER CONNECTOR		
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5	DETAL20	18-10d x 1 1/2"	2,480	2000 / 1370
20	H3	RFT: 4-8d / PLT: 4-8d	400	210 / 170
21	H1	RFT: 6-8dx1 1/2"/PLT: 4-8d	480	510 / 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
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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
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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

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NOTES

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- MILLENNIUM METAL: 2 1/2"x46" HOLE

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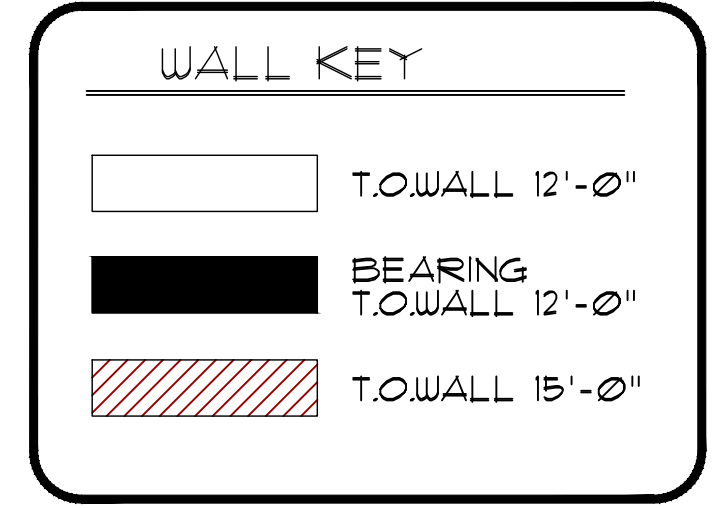
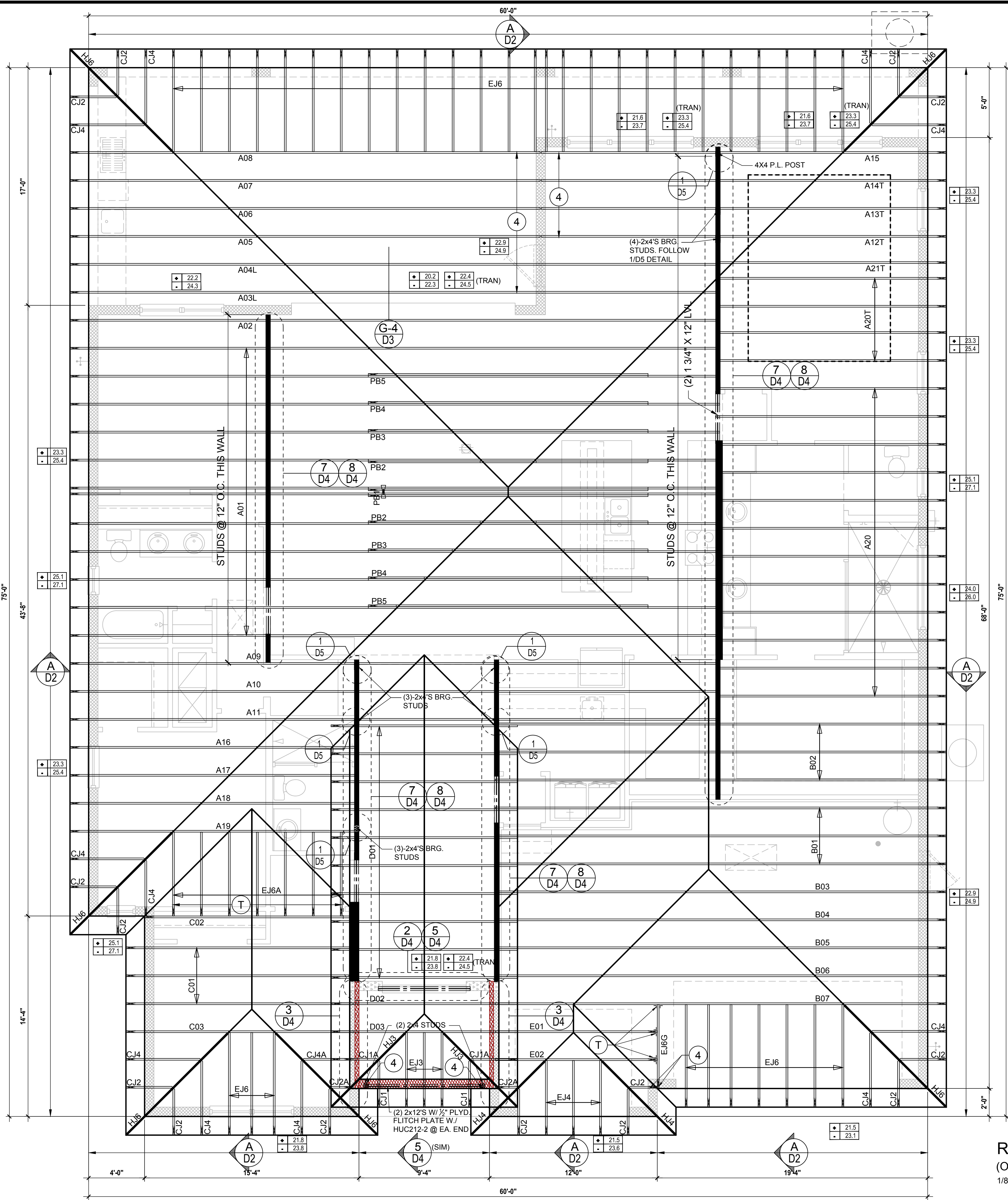
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Phone: (407) 529-3000



ISSUE DATE 03/03/2023
REVISIONS
PROJECT: 00-0000
SCALE: AS NOTED
DRAWN BY: C.C.
DESIGNED BY: MJS

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	400	210 / 170
21	H1	RFT: 6-8dx1 1/2"/PLT: 4-8d	480	510 / 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: 4-1/4"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	HDU8-SDS2.5	7/8" BLT/20-SDS 1/4"x2 1/2"	5,020	N/A
110	HCP1.81	(6) 0.148 x 1 1/2"	590	255 / N/A
167	HHUS46	H: 14-16d/J: 6-16d	1,550	N/A
168	U46	H: 8-10d/J: 4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H: 14-16d/J: 4-10d	1,085	N/A
214	HUC212-3TF	HD: 16-3/16"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	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

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/ UNITEX PROPOXY 300 OR SIMPSON SET OR ETF ADHESIVES.
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NOTES

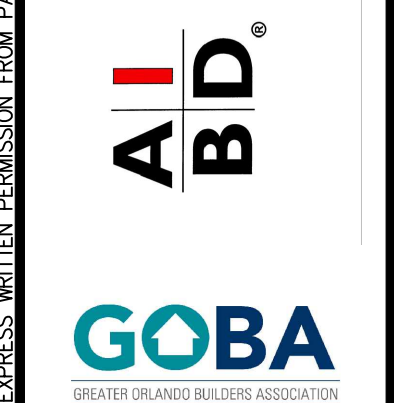
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- PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH 7TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
- ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZE BY TRUSS MANUFACTURER OR FL. REG. ENG.
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- SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 7TH EDITION R905.1.1. UNDERLAYMENT MATERIALS REQUIRED TO COMPLY WITH ASTM D226, D1910, D4869 AND D9757 SHALL BEAR A LABEL INDICATING COMPLIANCE TO THE STANDARD DESIGNATION AND, IF APPLICABLE, TYPE CLASSIFICATION INDICATED IN TABLE R905.1.1 UNDERLAYMENT SHALL BE APPLIED AND ATTACHED IN ACCORDANCE WITH TABLE R905.1.1.
- OFF RIDGE VENTS MAXIMUM OPENING SIZES:
- LOMANCO: (2) 9/2" DIA. CIRCLES
- MILLENNIUM METAL: 2 1/2"x46" HOLE

ROOF FRAMING PLAN "A"
(Opt. Office & Ext. Lanai)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)



815 Orienta Ave. Suite# 1040
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www.mjshomedesigns.com

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City, State, Zip

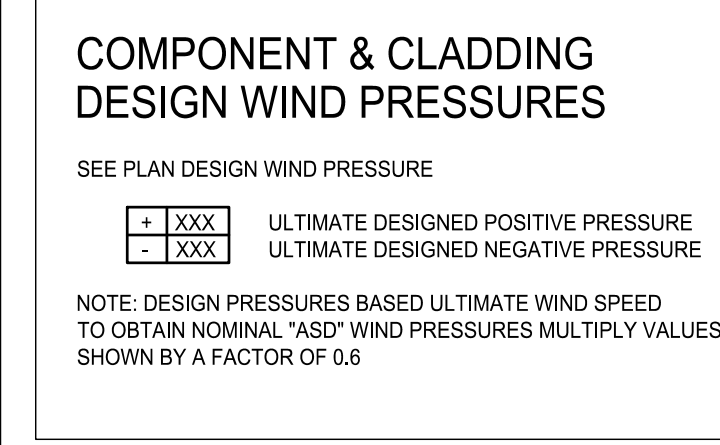
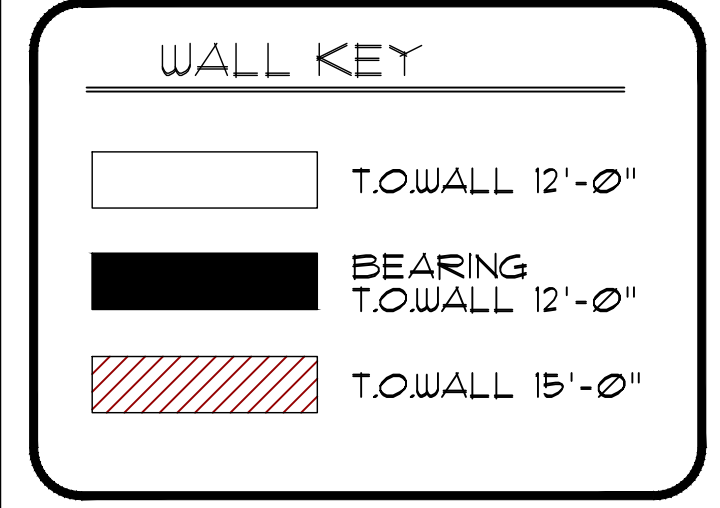
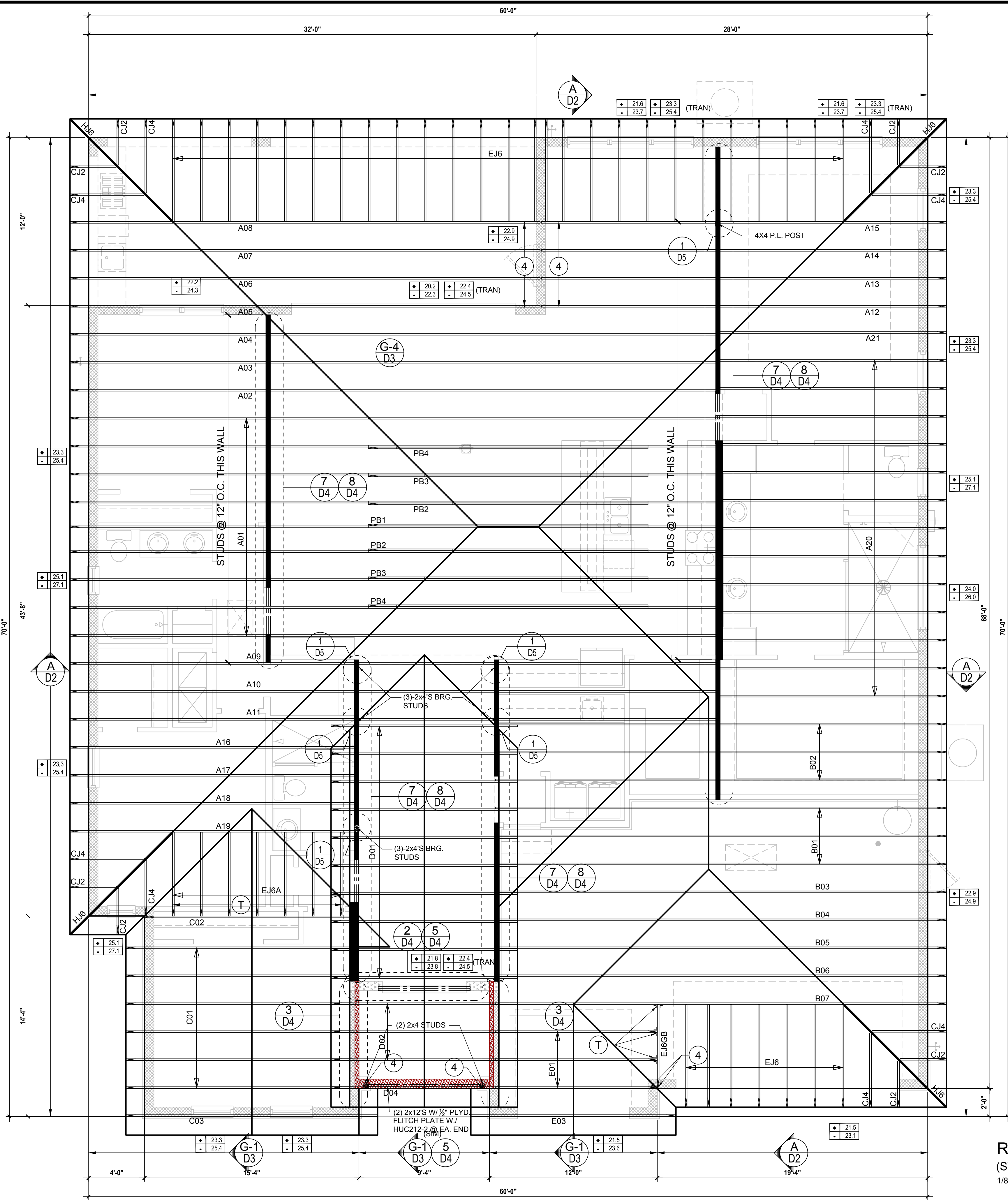
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Orlando, FL 32811
Phone: (407) 529-3000



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22	H10S	RFT: 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
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72	MSTC66	64-16d SINKERS	5,495	N/A
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90	ABU66	12-16d	2,240	N/A
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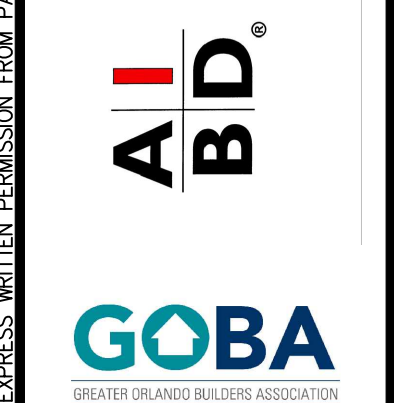
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ROOF FRAMING PLAN "B"
(STANDARD)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)



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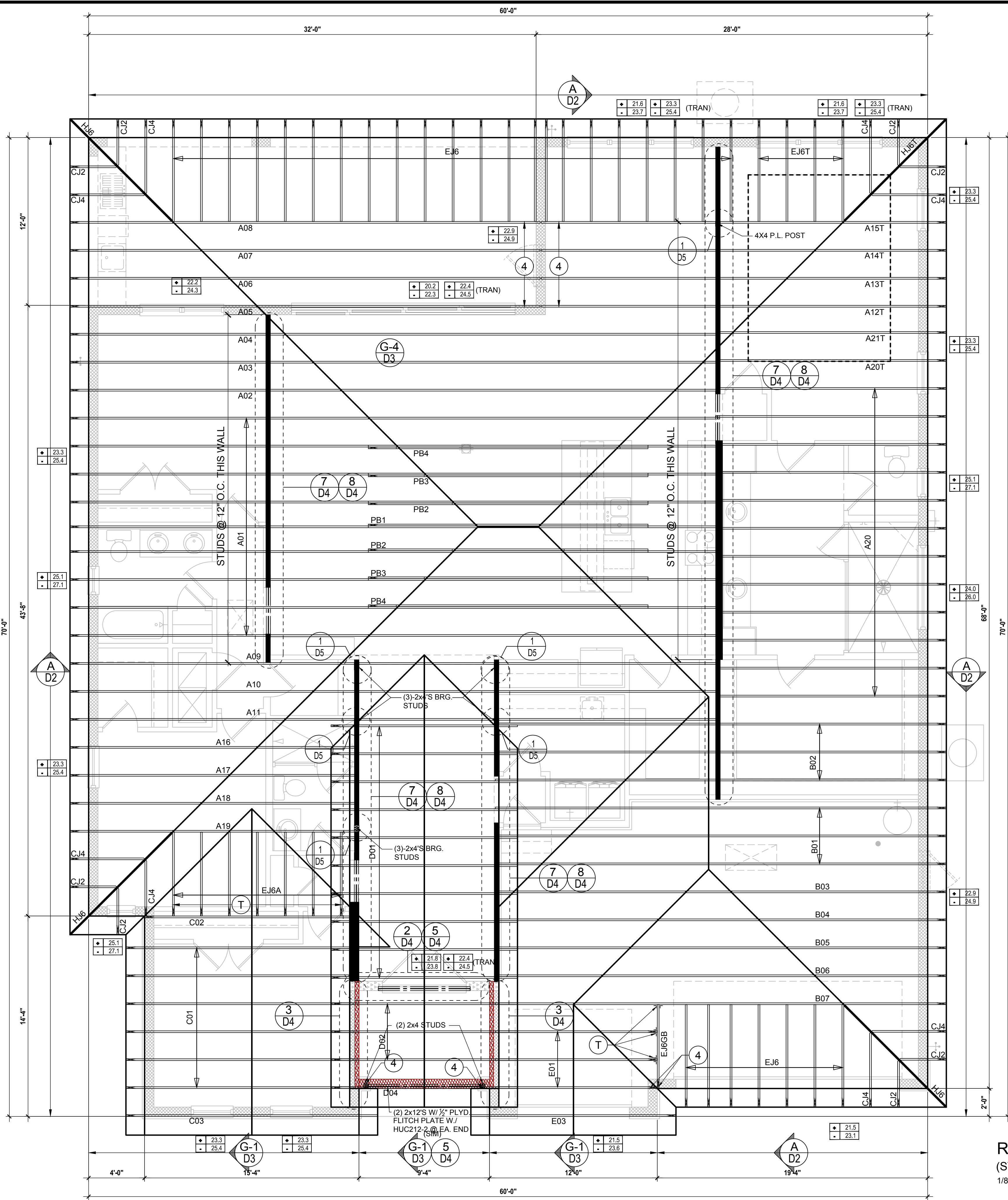
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DRAWN BY: C.C.
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ROOF FRAMING PLAN
S3.B

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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
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T	CONNECTORS TO BE SPECIFIED & PROVIDED BY TRUSS MANUFACTURERS			



WALL KEY

- T.O.WALL 12'-0"
- BEARING T.O.WALL 12'-0"
- T.O.WALL 15'-0"

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- 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

FIELD REPAIR NOTES

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NOTES

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- SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 7TH EDITION R905.1.1. UNDERLAYMENT MATERIALS REQUIRED TO COMPLY WITH ASTM D226, D1970, D4869 AND D6757 SHALL BEAR A LABEL INDICATING COMPLIANCE TO THE STANDARD DESIGNATION AND, IF APPLICABLE, TYPE CLASSIFICATION INDICATED IN TABLE R905.1.1 UNDERLAYMENT SHALL BE APPLIED AND ATTACHED IN ACCORDANCE WITH TABLE R905.1.1.
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 - LOMANCO: (2) 9/2" DIA. CIRCLES
 - MILLENNIUM METAL: 2 1/2"x4" HOLE

ROOF FRAMING PLAN "B"
(STANDARD)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)

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

Park Square HOMES

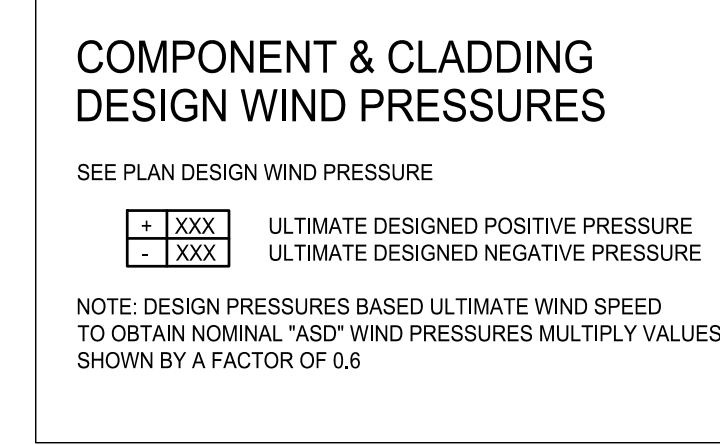
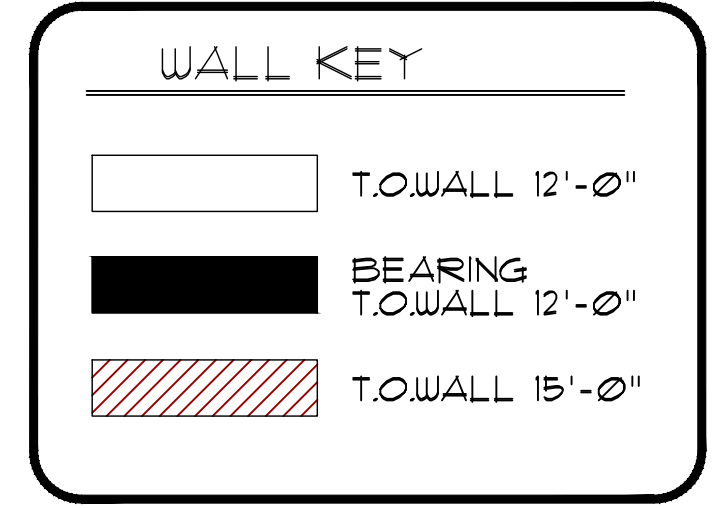
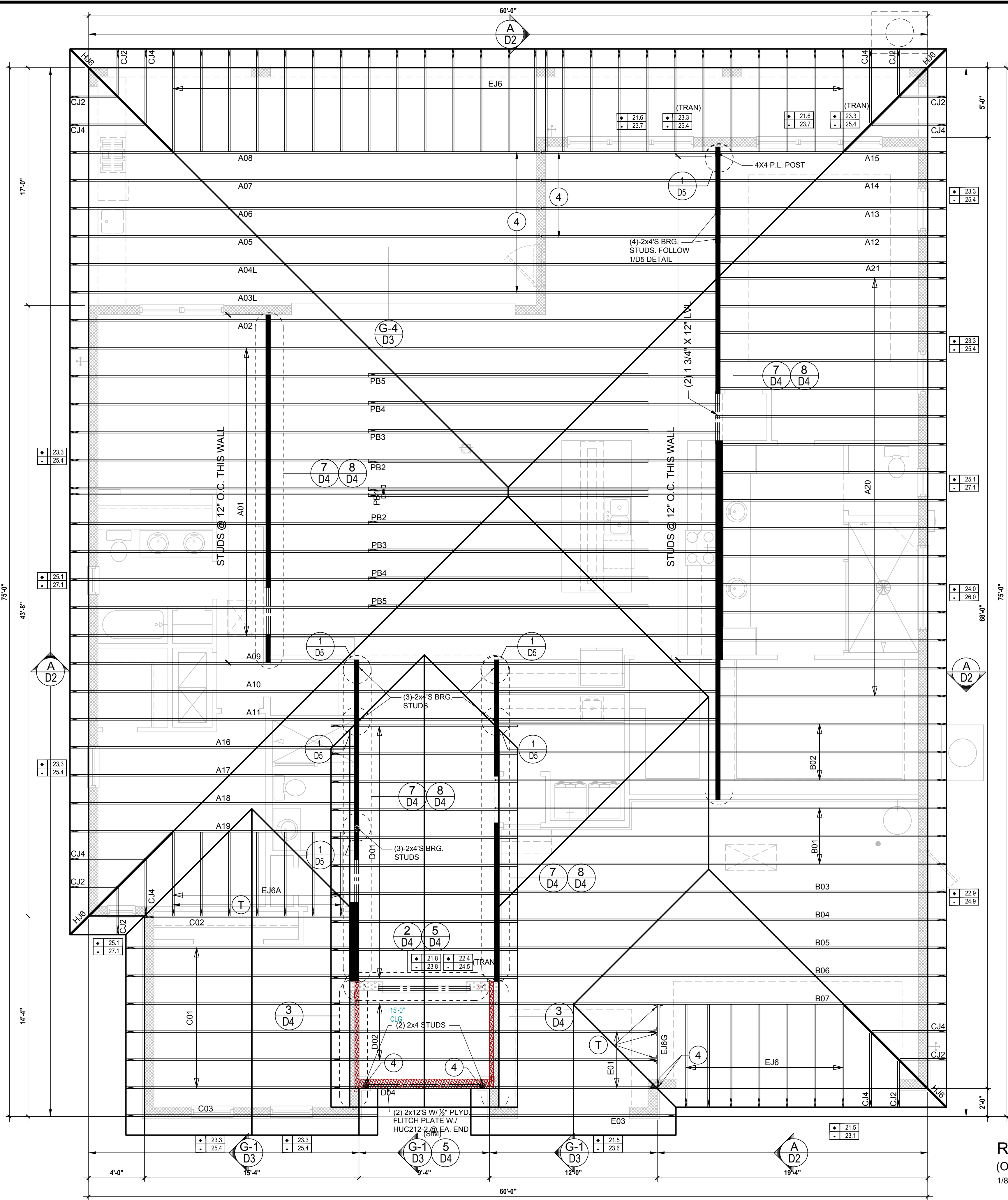
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PROJECT: 00-0000
SCALE: AS NOTED
DRAWN BY: C.C.
DESIGNED BY: MJS

ROOF FRAMING PLAN
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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	400	210 / 170
21	H1	RFT: 6-8dx1 1/2"/PLT: 4-8d	480	510 / 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: 4-1/4"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	HDU8-SDS2.5	7/8" BLT/20-SDS 1/4"x2 1/2"	5,020	N/A
110	HCP1.81	(6) 0.148 x 1 1/2"	590	255 / N/A
167	HHUS46	H: 14-16d/J: 6-16d	1,550	N/A
168	U46	H: 8-10d/J: 4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H: 14-16d/J: 4-10d	1,085	N/A
214	HUC212-3TF	HD: 16-3/16"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	SURL414	FACE: 18-16d/JST: 8-16d	1,700	N/A
T	CONNECTORS TO BE SPECIFIED & PROVIDED BY TRUSS MANUFACTURERS			



- ### FIELD REPAIR NOTES
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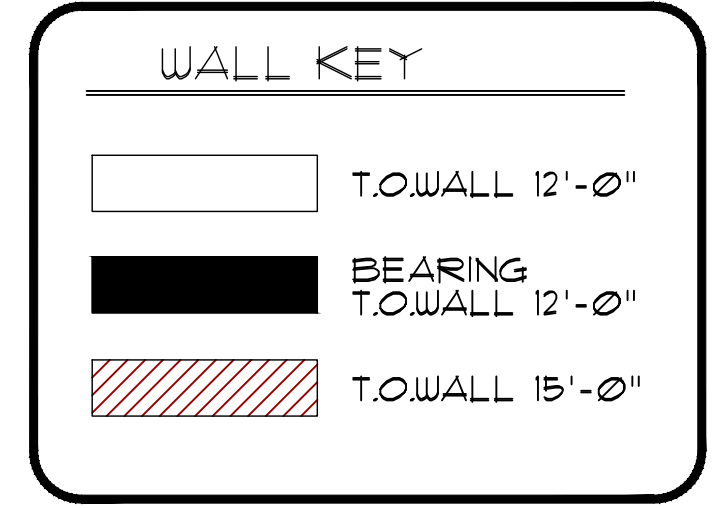
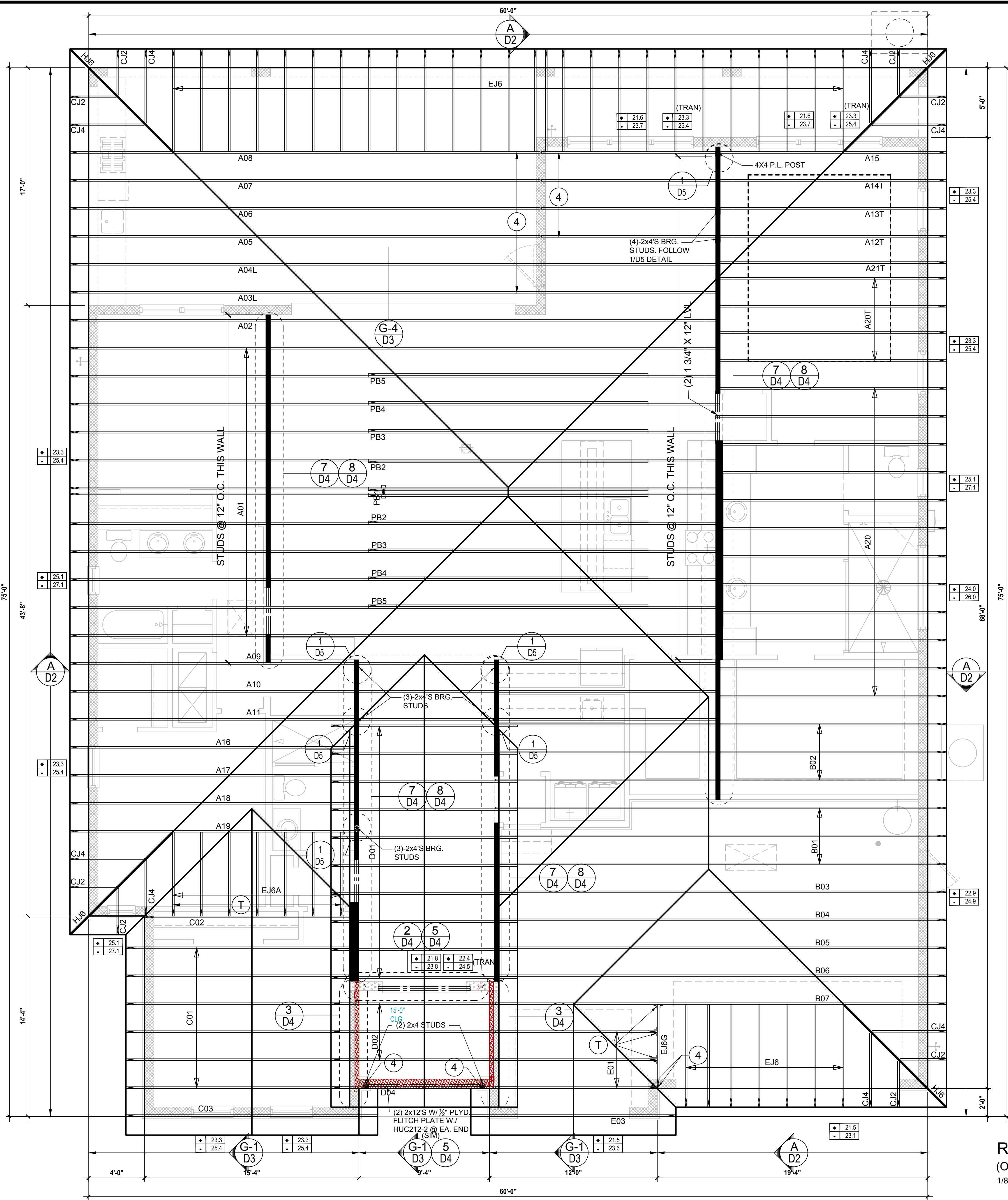
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DRAWN BY:	C.C.
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ROOF FRAMING PLAN
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23	LUS26	HDR: 4-10d/JST: 4-10d	935	N/A
24	H7	RFT / TRS: 4-8d PLT / STD: 10-8d	985	400 / N/A
26	H2.5	RFT: 5-8d / PLT: 5-8d	415	150 / 150
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T	CONNECTORS TO BE SPECIFIED & PROVIDED BY TRUSS MANUFACTURERS			



COMPONENT & CLADDING DESIGN WIND PRESSURES

SEE PLAN DESIGN WIND PRESSURE

+ .XXX ULTIMATE DESIGNED POSITIVE PRESSURE
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- MILLENNIUM METAL: 2 1/2"x46" HOLE

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



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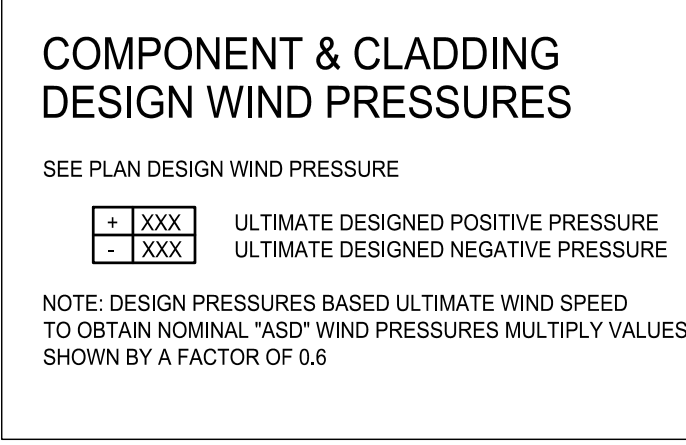
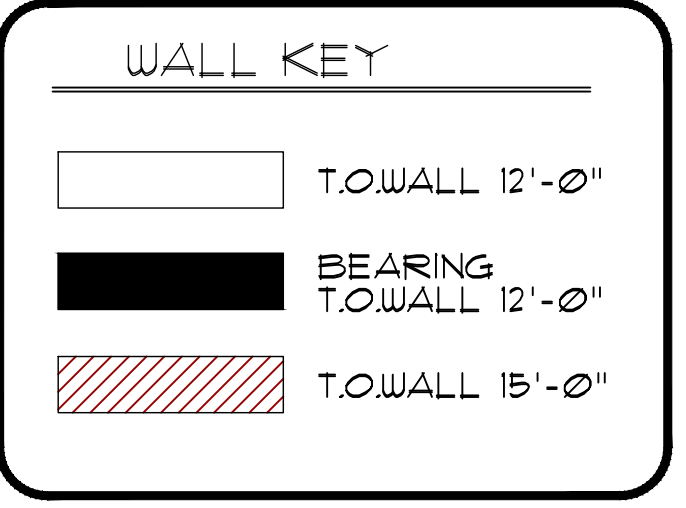
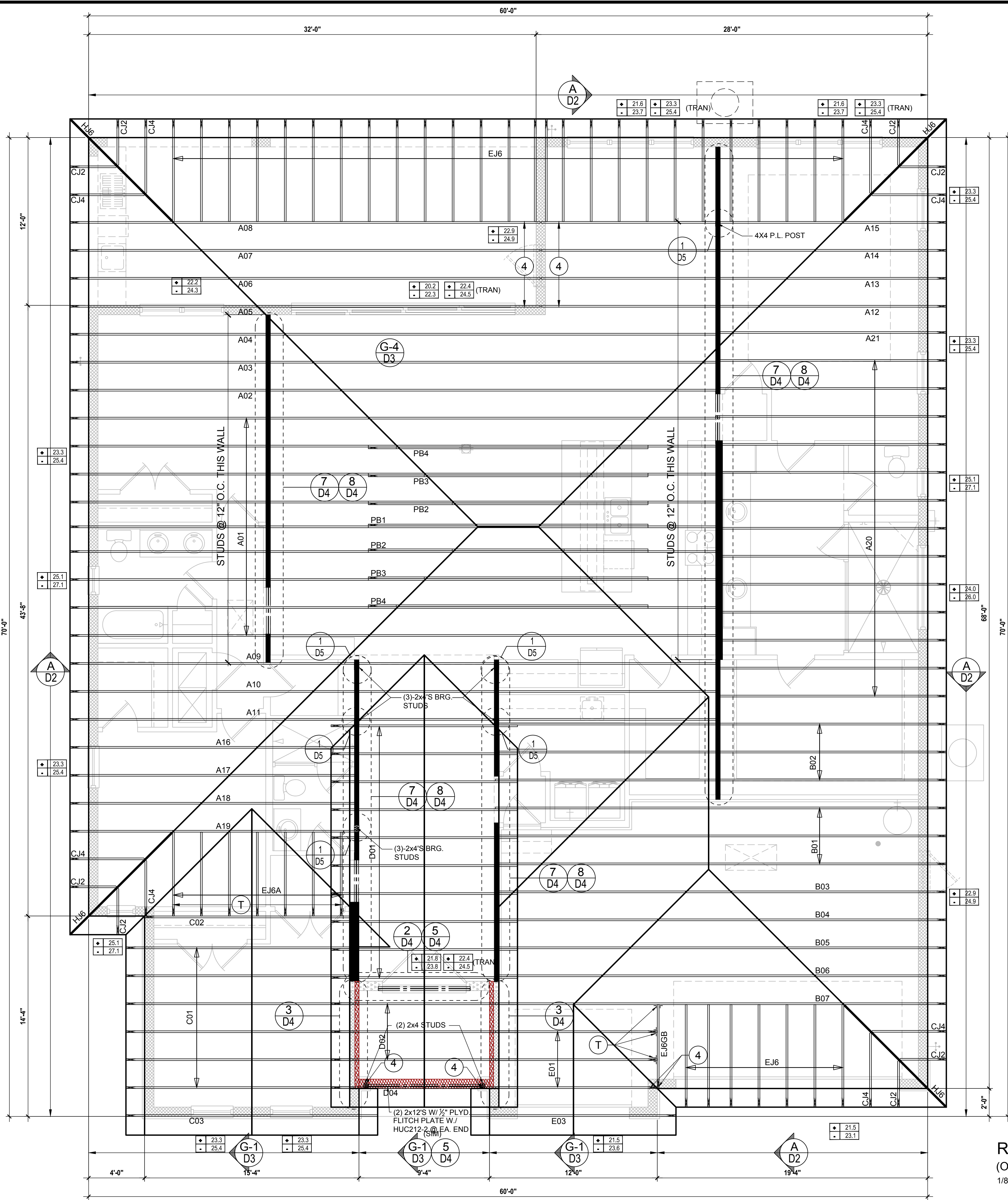
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ISSUE DATE: 03/03/2023
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23	LUS26	HDR: 4-10d/JST: 4-10d	935	N/A
24	H7	RFT / TRS: 4-8d PLT / STD: 10-8d	985	400 / N/A
26	H2.5	RFT: 5-8d / PLT: 5-8d	415	150 / 150
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35	A35F	H: 4-8dx1 1/2" / P: 4-8dx1 1/2"	440	440 / N/A
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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 1/2" 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 1/2"x3" / (2) 7/8" BLT	3,990	N/A
104	HDU8-SDS2.5	7/8" BLT / 20-SDS 1/2"x2 1/2"	5,020	N/A
110	HCP1.81	(6) 0.148 x 1 1/2"	590	255 / N/A
167	HHUS46	H: 14-16d/J: 6-16d	1,550	N/A
168	U46	H: 8-10d/J: 4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H: 14-16d/J: 4-10d	1,085	N/A
214	HUC212-3TF	HD: 16-3/16"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			



- #### 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/ 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 1/2" - ADD FILLED CELL (NO VERTICAL STEEL MIDPOINT OF WALL BETWEEN EXISTING FILLED CELLS (WITH STEEL) IN AREAS AFFECTED. 1 1/2" - REQUIRE SPECIAL ENGINEERING LETTER.
 - PENETRATION OF PLUMBING PIPES/DRYER VENTS THRU PLATES OF A LOAD BEARING WALL MAY OCCUR PROVIDED DBL. STUDS ARE ADDED ON EITHER SIDE OF PENETRATION WITHIN 3" AND TRUSS/FLOOR TRUSS IS NO CLOSER THAN 3" FROM PENETRATION. ADD (1) MTS12 @ TOP AND BOTTOM PLATE

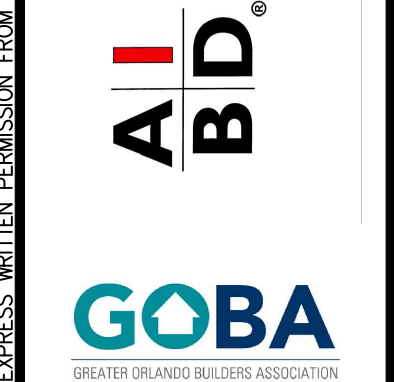
- #### NOTES
- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
 - TYPICAL ROOF EAVES OVERHANG TO BE 16" UNLESS OTHERWISE NOTED.
 - PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC STANDARDS AND/OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH 7TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
 - ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZE BY TRUSS MANUFACTURER OR FL. REG. ENG.
 - TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS. FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WCTA BCSI 1.
 - REFER TO TRUSS MANUFACTURERS DRAWINGS FOR TRUSS PLACEMENT & TRUSS TO TRUSS CONNECTIONS.
 - ROOF UNDERLAYMENT TO BE USED IS 30 LBS. SYNTHETIC FELT.
 - SHINGLE ROOF : UNDERLAYMENT TO BE INSTALLED IAW FBOR 2020, 7TH EDITION R905.1.1. UNDERLAYMENT MATERIALS REQUIRED TO COMPLY WITH ASTM D226, D1970, D4869 AND D6757 SHALL BEAR A LABEL INDICATING COMPLIANCE TO THE STANDARD DESIGNATION AND, IF APPLICABLE, TYPE CLASSIFICATION INDICATED IN TABLE R905.1.1 UNDERLAYMENT SHALL BE APPLIED AND ATTACHED IN ACCORDANCE WITH TABLE R905.1.1.
 - OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - LOMANCO: (2) 9/2" DIA. CIRCLES
 - MILLENNIUM METAL: 2 1/2"x46" HOLE

ROOF FRAMING PLAN "B"
(Opt. Office)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)



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Phone: (407) 529-3000



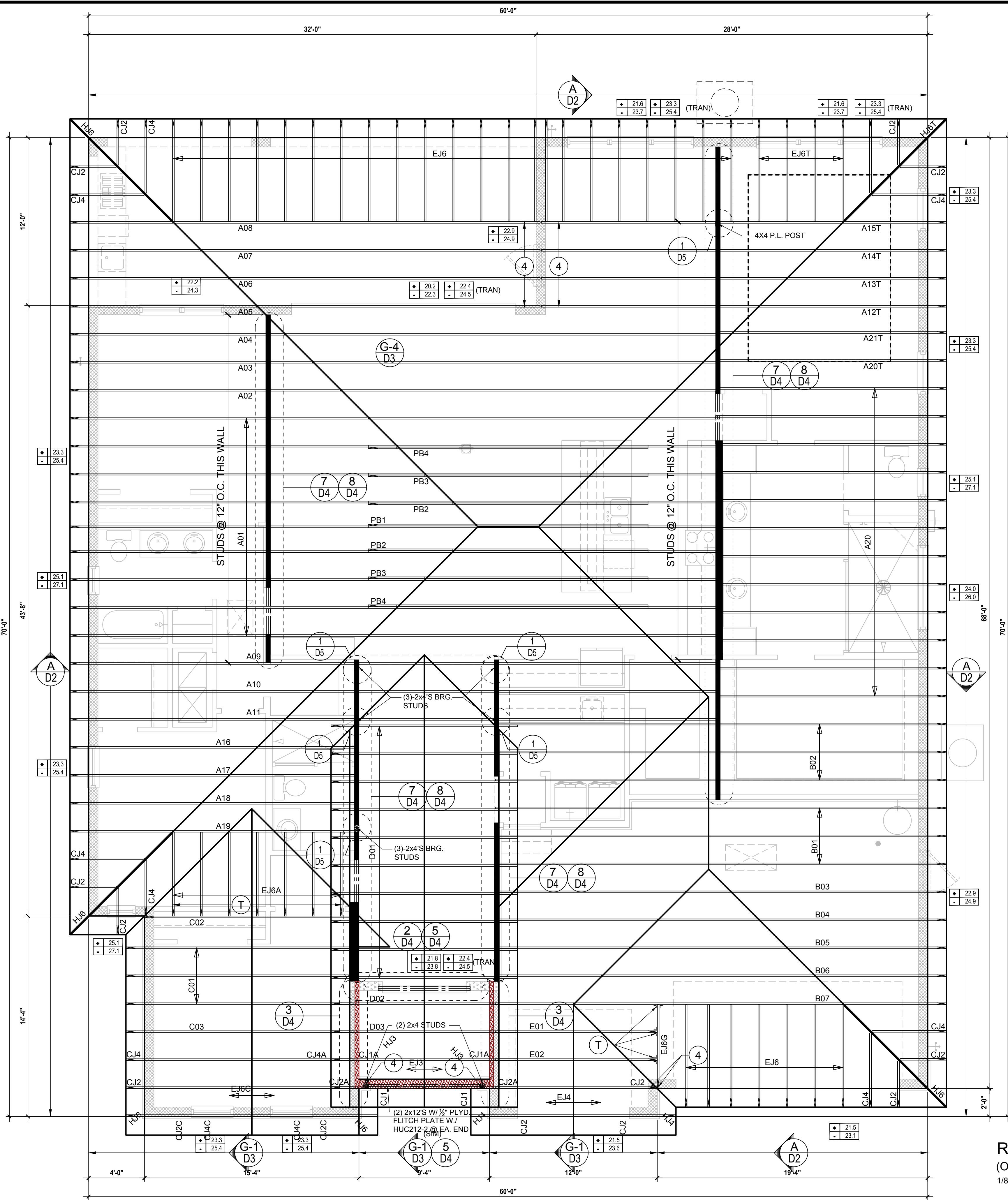
ISSUE DATE	03/03/2023
REVISIONS	
PROJECT:	00-0000
SCALE:	AS NOTED
DRAWN BY:	C.C.
DESIGNED BY:	MJS

ROOF FRAMING PLAN
S3.B4

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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	400	210 / 170
21	H1	RFT: 6-8dx1 1/2" / PLT: 4-8d	480	510 / 165
22	H10S	RFT: 8-8d x 1 1/2"	1010	660/550
23	LUS26	HDR: 4-10d / JUST: 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 1/2" 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	HDU8-SDS2.5	7/8" BLT / 20-SDS 1/4"x2 1/2"	5,020	N/A
110	HCP1.81	(6) 0.148 x 1 1/2"	590	255 / N/A
167	HHUS46	H: 14-16d / J: 6-16d	1,550	N/A
168	U46	H: 8-10d / J: 4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H: 14-16d / J: 4-10d	1,085	N/A
214	HUC212-3TF	HD: 16-3/16"x1 1/2" TAPCON BM: 6-16d	1,135	N/A
215	HGUS210-2	HDR: 46-16d / JUST: 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 / JUST: 8-16d	1,700	N/A
T	CONNECTORS TO BE SPECIFIED & PROVIDED BY TRUSS MANUFACTURERS			



WALL KEY

- T.O.WALL 12'-0"
- BEARING T.O.WALL 12'-0"
- T.O.WALL 15'-0"

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

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/ 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 1/2" - ADD FILLED CELL (NO VERTICAL STEEL MIDPOINT OF WALL BETWEEN EXISTING FILLED CELLS (WITH STEEL) IN AREAS AFFECTED. 1 1/2" - REQUIRE SPECIAL ENGINEERING LETTER.
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NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE 16" UNLESS OTHERWISE NOTED.
- PROVIDE AND INSTALL FLASHING AND ROOFING AS PER NATIONAL ROOFING AND SHEET METAL ASSOC STANDARDS AND/ OR ACCEPTABLE INDUSTRY PRACTICE AND IN ACCORDANCE WITH 7TH EDITION (2020) FLORIDA RESIDENTIAL CODE.
- ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZE BY TRUSS MANUFACTURER OR FL. REG. ENG.
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- OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - LOMANCO: (2) 9/2" DIA. CIRCLES
 - MILLENNIUM METAL: 2 1/2"x4" HOLE

ROOF FRAMING PLAN "B"
(Opt. Office)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)

ITEG
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GOBA
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City, State, Zip

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

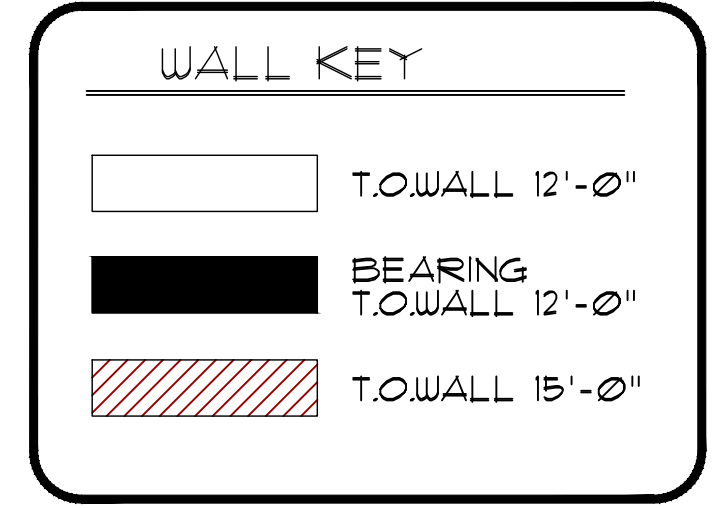
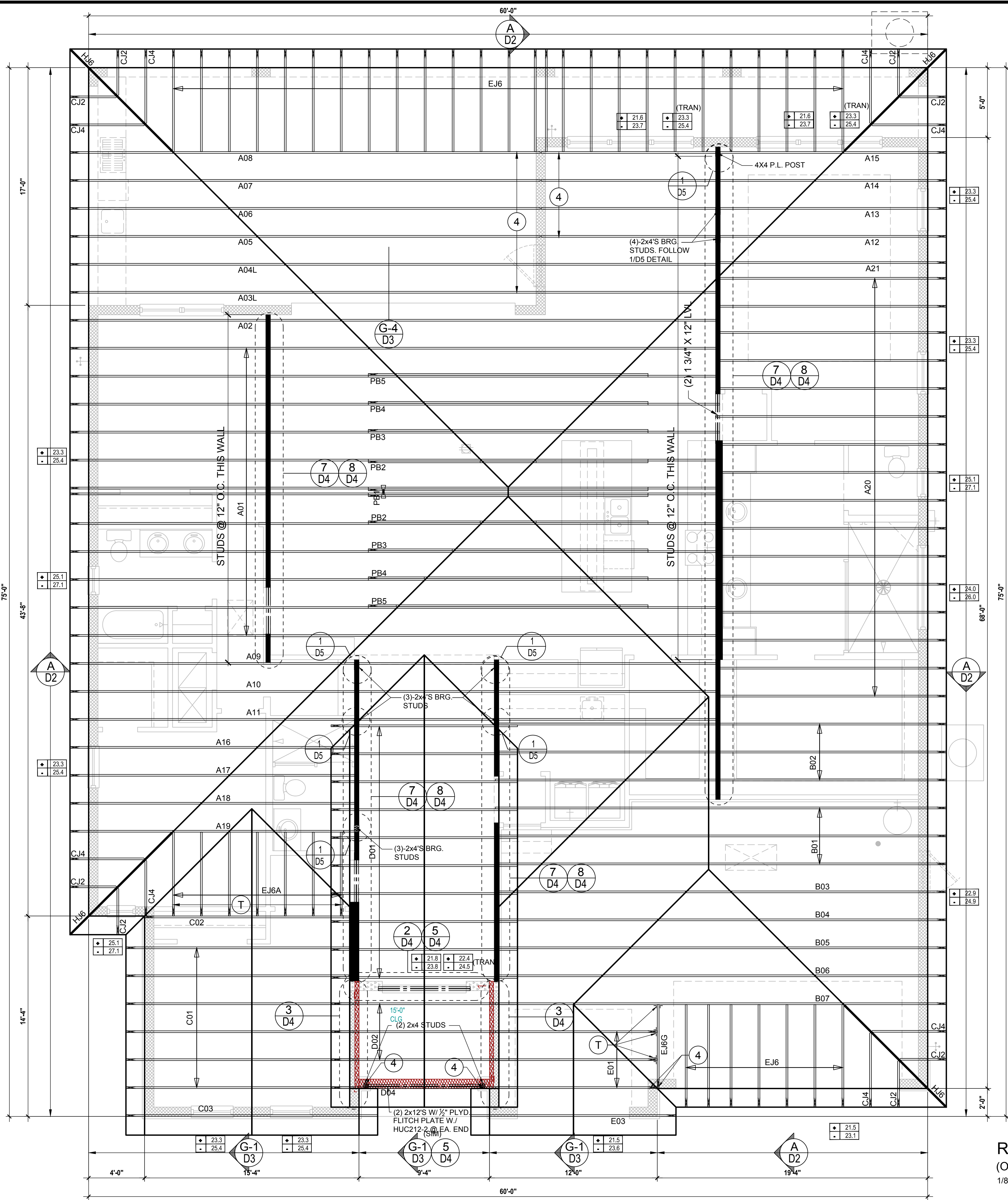
Park Square HOMES
ISSUE DATE 03/03/2023
REVISIONS

PROJECT: 00-0000
SCALE: AS NOTED
DRAWN BY: C.C.
DESIGNED BY: MJS
ROOF FRAMING PLAN
S3.B5

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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	400	210 / 170
21	H1	RFT: 6-8dx1 1/2"/PLT: 4-8d	480	510 / 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: 4-1/4"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	HDU8-SDS2.5	7/8" BLT/20-SDS 1/4"x2 1/2"	5,020	N/A
110	HCP1.81	(6) 0.148 x 1 1/2"	590	255 / N/A
167	HHUS46	H: 14-16d/J: 6-16d	1,550	N/A
168	U46	H: 8-10d/J: 4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H: 14-16d/J: 4-10d	1,085	N/A
214	HUC212-3TF	HD: 16-3/16"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

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/ 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 1/2" - ADD FILLED CELL (NO VERTICAL STEEL) MIDPOINT OF WALL BETWEEN EXISTING FILLED CELLS (WITH STEEL) IN AREAS AFFECTED. 1 1/2" - REQUIRE SPECIAL ENGINEERING LETTER.
- PENETRATION OF PLUMBING PIPES/DRYER VENTS THRU PLATES OF A LOAD BEARING WALL MAY OCCUR PROVIDED DBL. STUDS ARE ADDED ON EITHER SIDE OF PENETRATION WITHIN 3" AND TRUSS/FLOOR TRUSS IS NO CLOSER THAN 3" FROM PENETRATION. ADD (1) MTS12 @ TOP AND BOTTOM PLATE

NOTES

- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
- TYPICAL ROOF EAVES OVERHANG TO BE 16" UNLESS OTHERWISE NOTED.
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- OFF RIDGE VENTS MAXIMUM OPENING SIZES:
- LOMANCO: (2) 9/2" DIA. CIRCLES
- MILLENNIUM METAL: 2 1/2"x46" HOLE

ROOF FRAMING PLAN "B"
(Opt. Office & Ext. Lanai)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)



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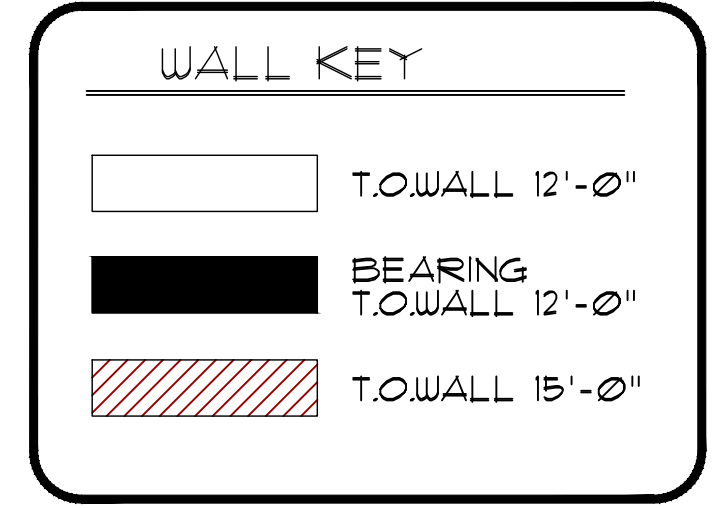
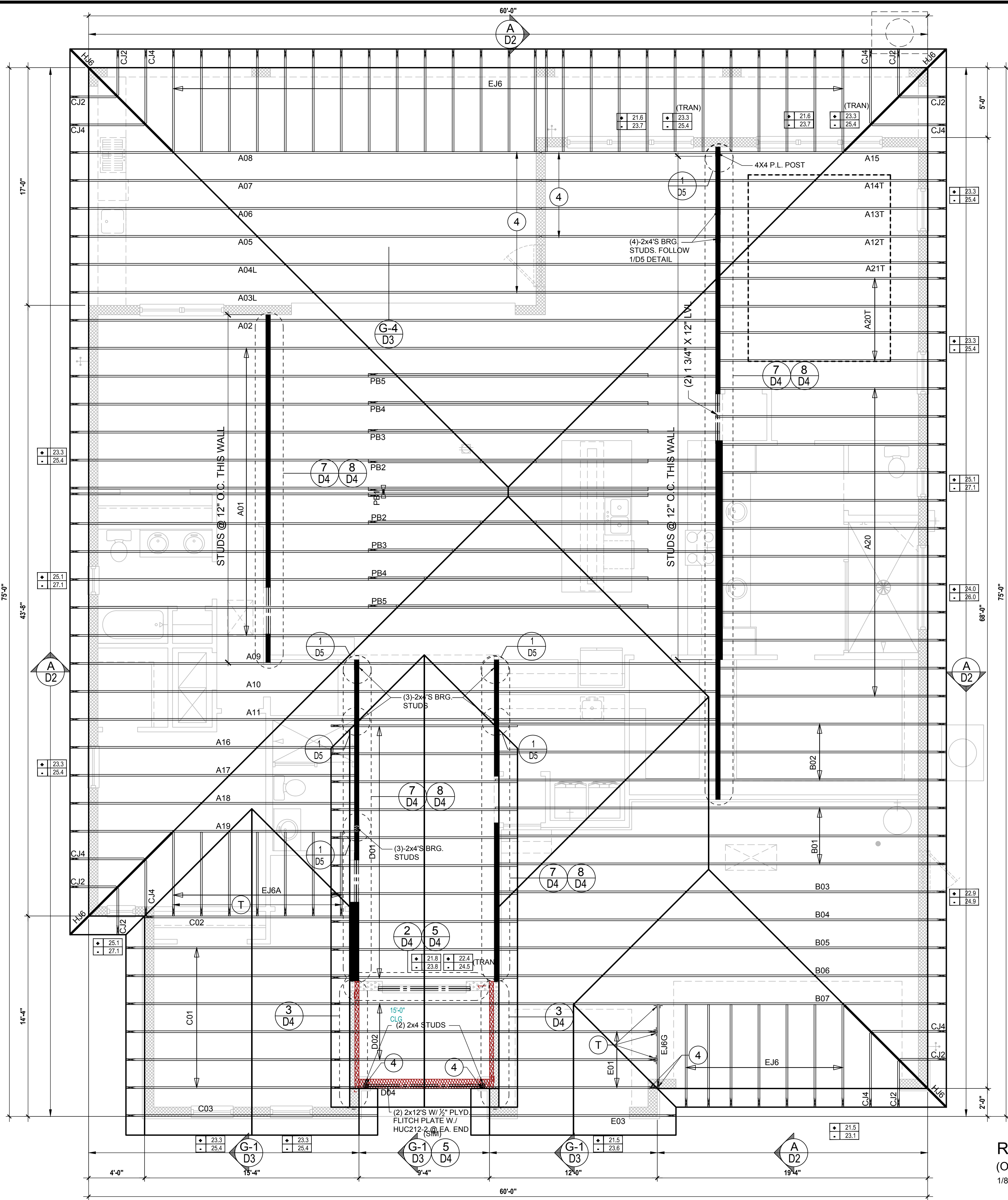
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CONNECTOR SCHEDULE

CONNECT. TYPE	SIMPSON		MAX. UPLIFT	LAT. LDS. F1 / F2
	DESCRIPTION	FASTENERS PER CONNECTOR		
4	HETA16	9-10d x 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	400	210 / 170
21	H1	RFT: 6-8dx1 1/2"/PLT: 4-8d	480	510 / 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: 4-1/4"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	HDU8-SDS2.5	7/8" BLT/20-SDS 1/4"x2 1/2"	5,020	N/A
110	HCP1.81	(6) 0.148 x 1 1/2"	590	255 / N/A
167	HHUS46	H: 14-16d/J: 6-16d	1,550	N/A
168	U46	H: 8-10d/J: 4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H: 14-16d/J: 4-10d	1,085	N/A
214	HUC212-3TF	HD: 16-3/16"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	SURL414	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

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/ UNITEX PROPOXY 300 OR SIMPSON SET OR ETF ADHESIVES.
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NOTES

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- OFF RIDGE VENTS MAXIMUM OPENING SIZES:
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- MILLENNIUM METAL: 2 1/2"x46" HOLE

ROOF FRAMING PLAN "B"
(Opt. Office & Ext. Lanai)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)



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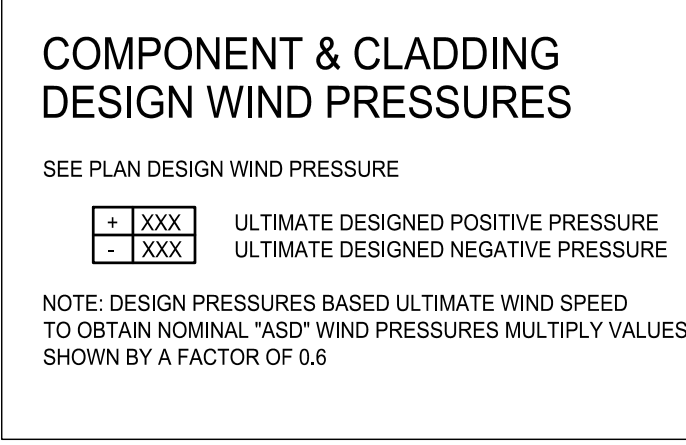
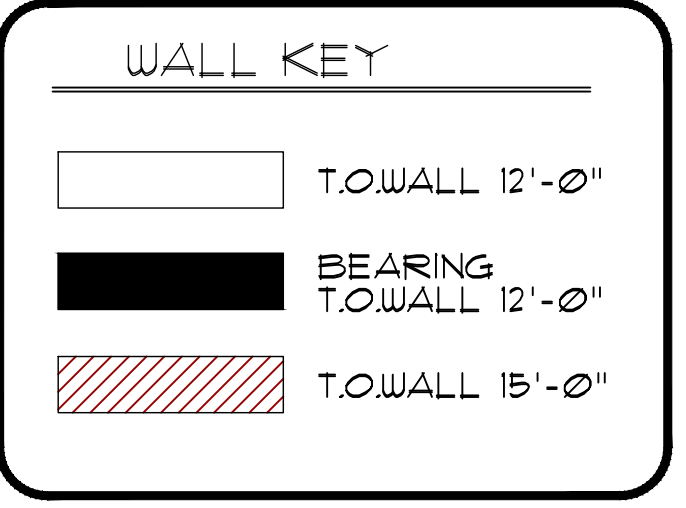
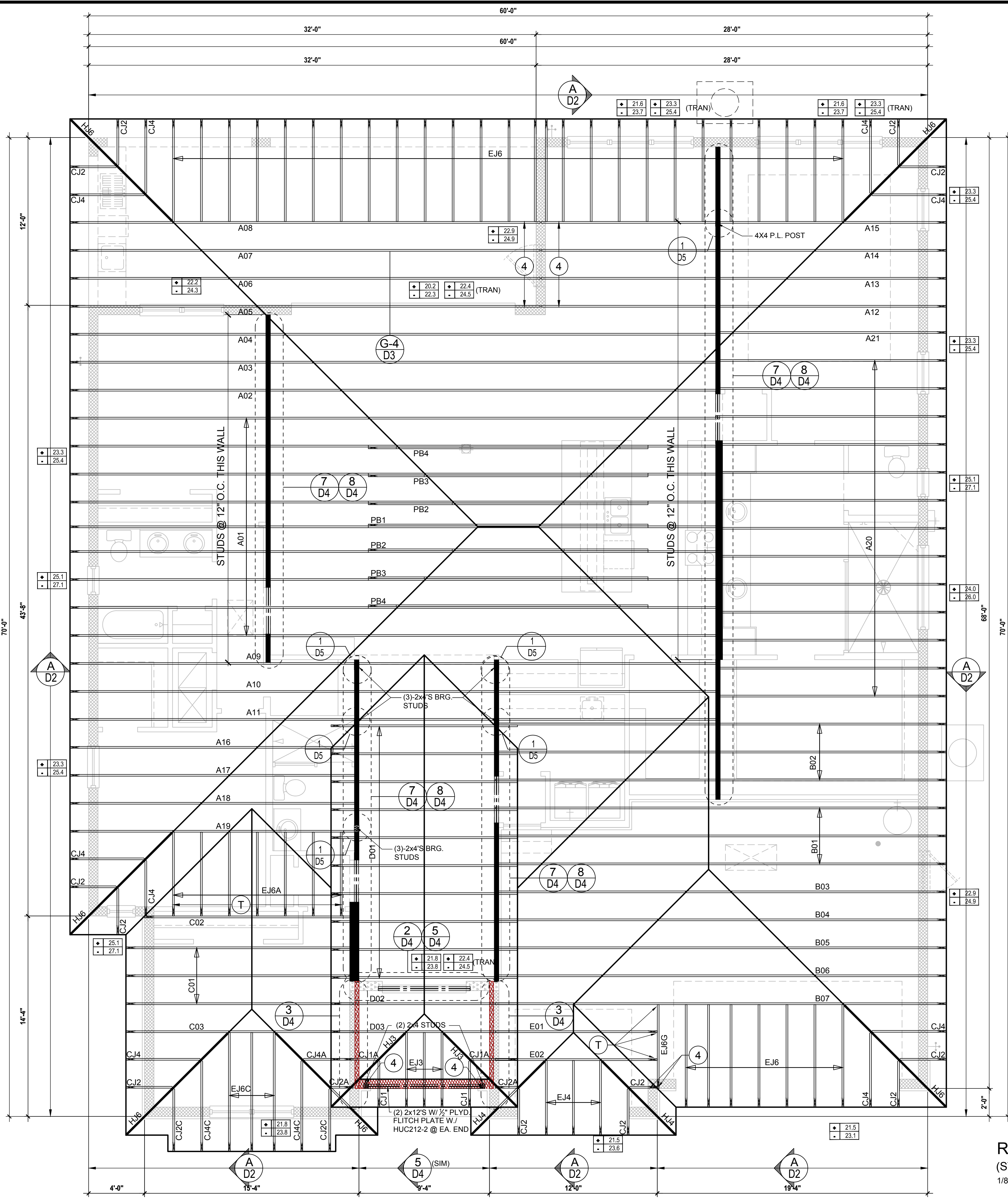


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ROOF FRAMING PLAN
S3.B7

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	400	210 / 170
21	H1	RFT: 6-8dx1 1/2" / PLT: 4-8d	480	510 / 165
22	H10S	RFT: 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 1/2" 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 1/2"x3" / (2) 7/8" BLT	3,990	N/A
104	HDU8-SDS2.5	7/8" BLT / 20-SDS 1/2"x2 1/2"	5,020	N/A
110	HCP1.81	(6) 0.148 x 1 1/2"	590	255 / N/A
167	HHUS46	H: 14-16d/J: 6-16d	1,550	N/A
168	U46	H: 8-10d/J: 4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H: 14-16d/J: 4-10d	1,085	N/A
214	HUC212-3TF	HD: 16-3/16"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
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219	MBHA412	H: 1-ATR3/4X8 TOP&FACE JOIST: 18-10d	3,145	N/A
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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			



- #### FIELD REPAIR NOTES
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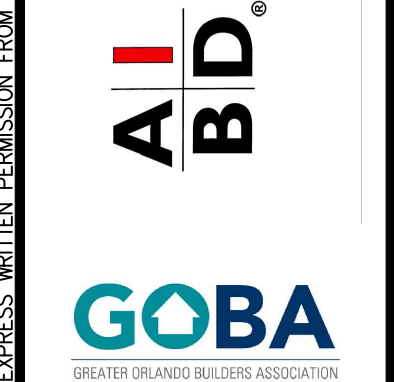
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 - OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - LOMANCO: (2) 9/2" DIA. CIRCLES
 - MILLENNIUM METAL: 2 1/2"x46" HOLE

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



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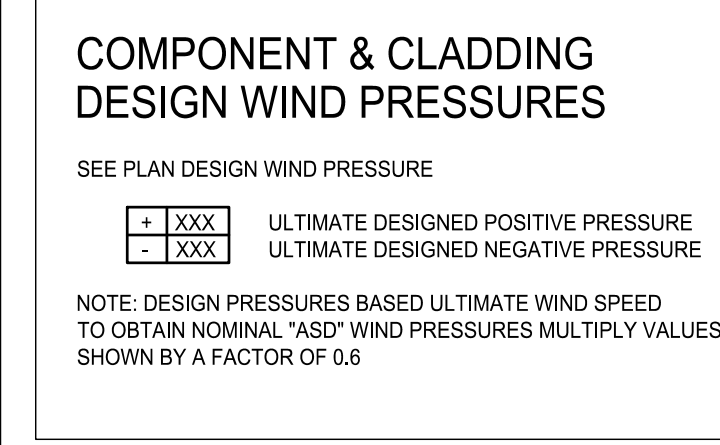
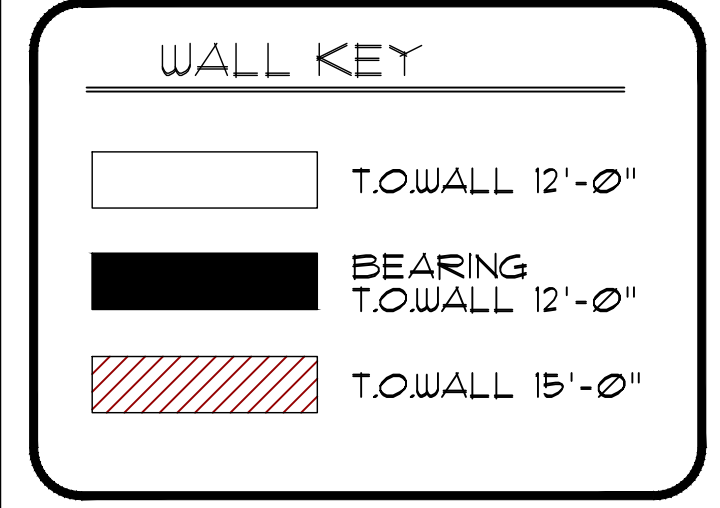
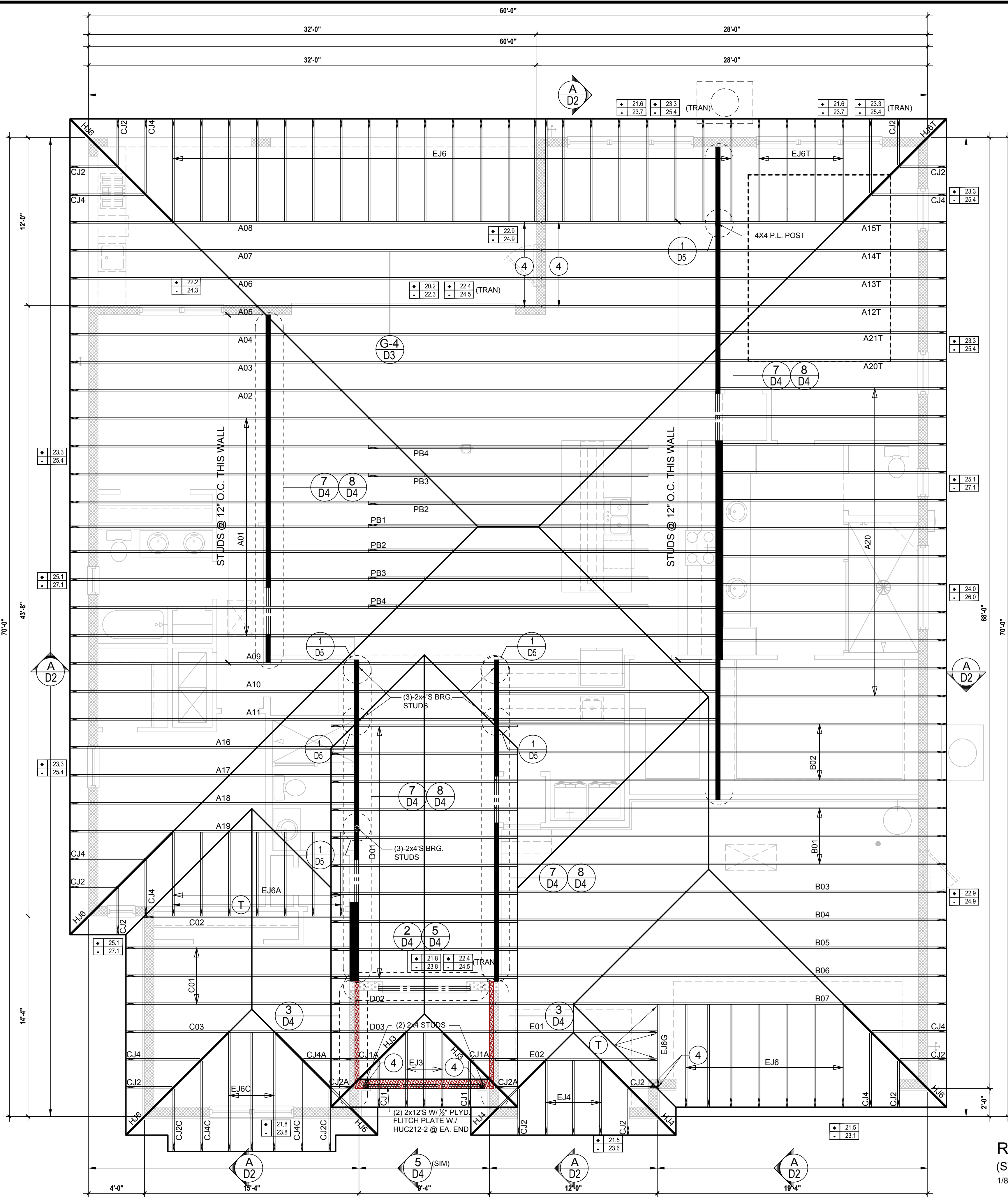


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DRAWN BY:	C.C.
DESIGNED BY:	MJS

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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	400	210 / 170
21	H1	RFT: 6-8dx1 1/2" / PLT: 4-8d	480	510 / 165
22	H10S	RFT: 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
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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
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96	HD8A	SILL: 7/8" BOLT STUD: (3) 7/8" X 5 1/2" BOLTS	7,910	N/A
97	MTSM16	BLOCK: 4-1/2" X 2 1/2" 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 1/2" X 3" / (2) 7/8" BLT	3,990	N/A
104	HDU8-SDS2.5	7/8" BLT / 20-SDS 1/2" X 2 1/2"	5,020	N/A
110	HCP1.81	(6) 0.148 x 1 1/2"	590	255 / N/A
167	HHUS46	H: 14-16d / J: 6-16d	1,550	N/A
168	U46	H: 8-10d / J: 4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H: 14-16d / J: 4-10d	1,085	N/A
214	HUC212-3TF	HD: 16-3/16" X 1 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" X 1 1/2" TC JOIST: 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-1/2" X 1 1/2" TC JOIST: 10-16d	2,630	N/A
219	MBHA412	H: 1-ATR3/4 X 8 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			



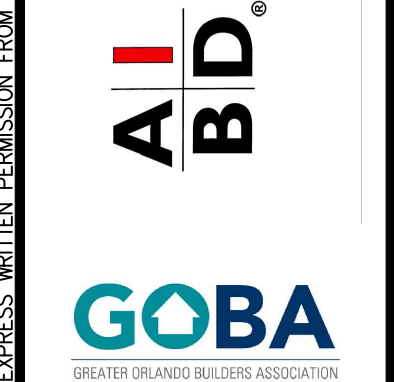
- #### FIELD REPAIR NOTES
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- #### NOTES
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 - ROOF UNDERLAYMENT TO BE USED IS 30 LBS. SYNTHETIC FELT.
 - SHINGLE ROOF: UNDERLAYMENT TO BE INSTALLED IAW FBCR 2020, 7TH EDITION R905.1.1. UNDERLAYMENT MATERIALS REQUIRED TO COMPLY WITH ASTM D226, D1970, D4869 AND D6757 SHALL BEAR A LABEL INDICATING COMPLIANCE TO THE STANDARD DESIGNATION AND, IF APPLICABLE, TYPE CLASSIFICATION INDICATED IN TABLE R905.1.1 UNDERLAYMENT SHALL BE APPLIED AND ATTACHED IN ACCORDANCE WITH TABLE R905.1.1.
 - OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - LOMANCO: (2) 9/2" DIA. CIRCLES
 - MILLENNIUM METAL: 2 1/2" X 4" HOLE

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



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60-2992
Lot # - Subdivision
Street Address
City, State, Zip

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



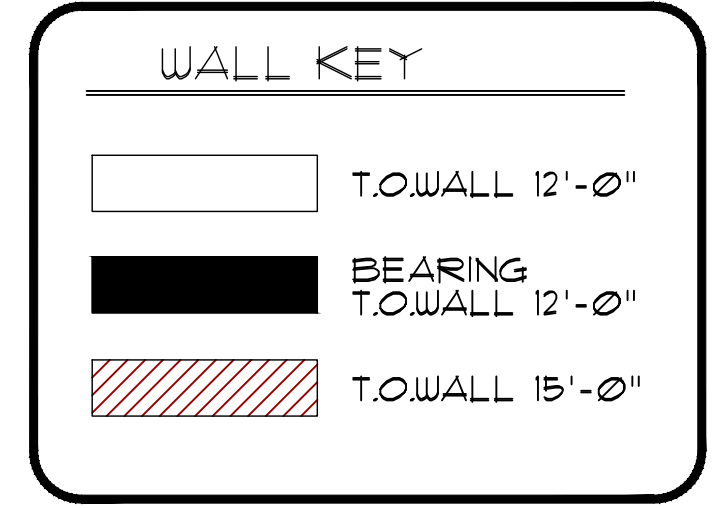
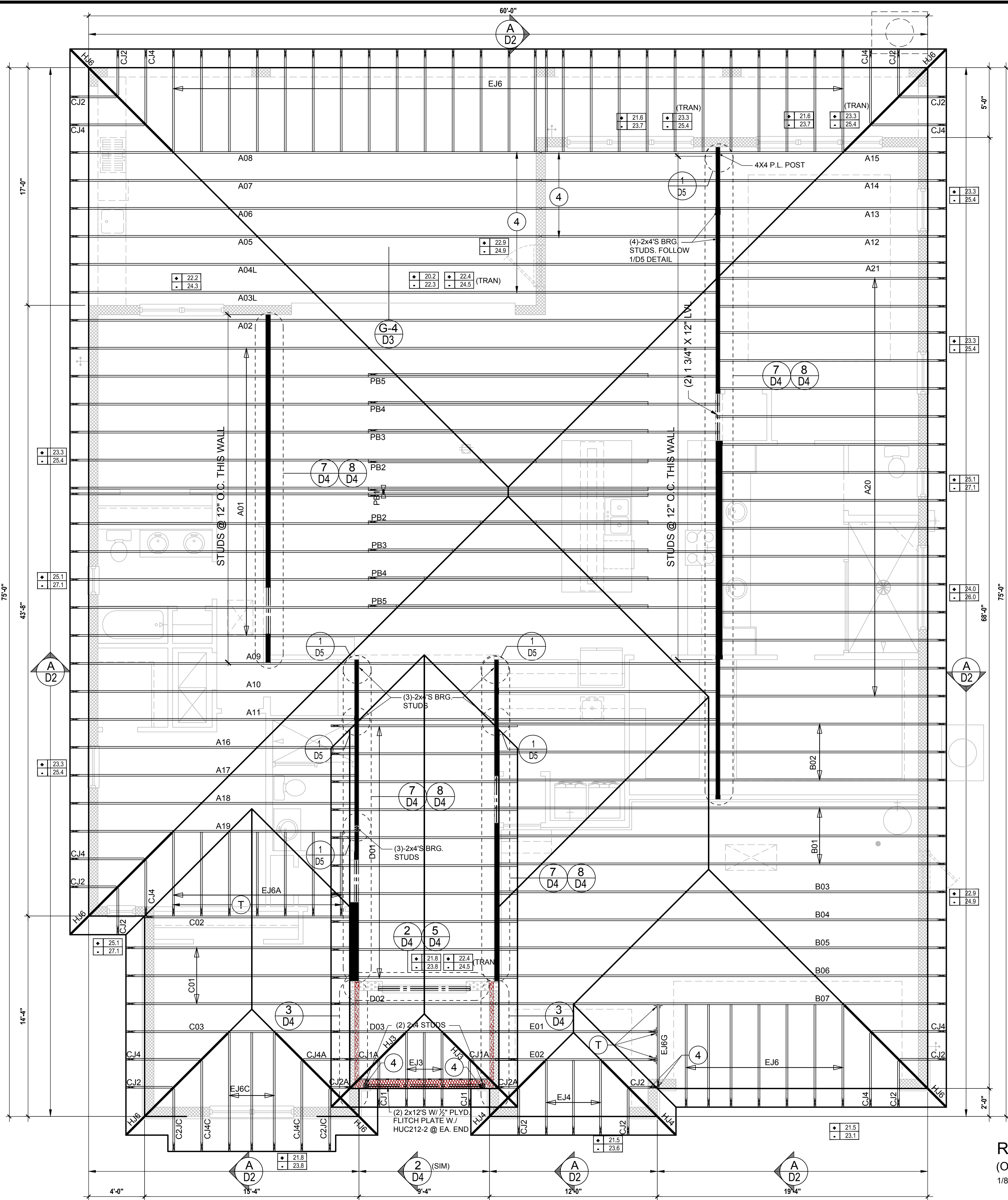
ISSUE DATE: 03/03/2023
REVISIONS:
PROJECT: 00-0000
SCALE: AS NOTED
DRAWN BY: C.C.
DESIGNED BY: MJS

ROOF FRAMING PLAN
S3.C1

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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	400	210 / 170
21	H1	RFT: 6-8dx1 1/2"/PLT: 4-8d	480	510 / 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: 4-1/4"x2 1/4" TC JOIST: 7-10d	860	N/A
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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
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110	HCP1.81	(6) 0.148 x 1 1/2"	590	255 / N/A
167	HHUS46	H: 14-16d/J: 6-16d	1,550	N/A
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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
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216	HUS412	BLOCK: 10-1/4"x1 1/2" TC JOIST: 10-16d	3,240	N/A
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240	H16	R: 2-10dx1 1/2"/P: 10-10dx1 1/2"	1,470	480 / N/A
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COMPONENT & CLADDING DESIGN WIND PRESSURES

SEE PLAN DESIGN WIND PRESSURE

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

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NOTES

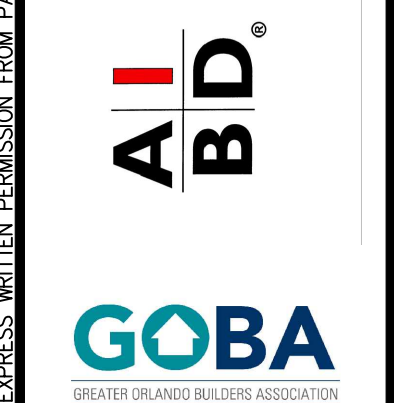
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- OFF RIDGE VENTS MAXIMUM OPENING SIZES:
- LOMANCO: (2) 9/2" DIA. CIRCLES
- MILLENNIUM METAL: 2 1/2"x46" HOLE

ROOF FRAMING PLAN "C"
(Opt. Ext. Lanai)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)



815 Orienta Ave. Suite# 1040
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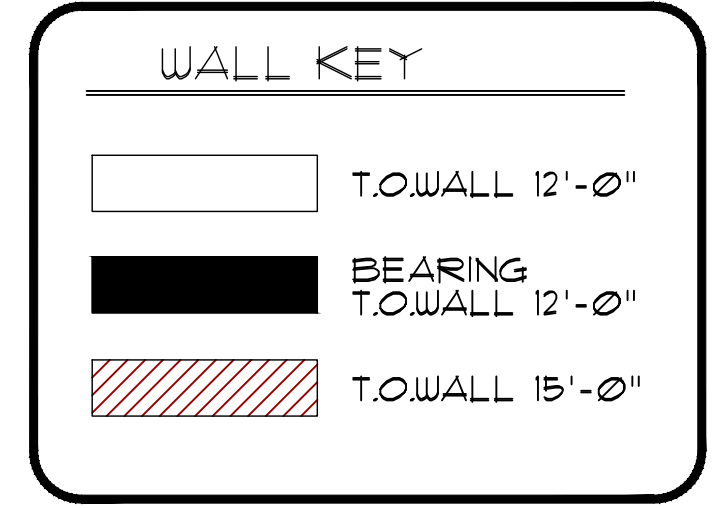
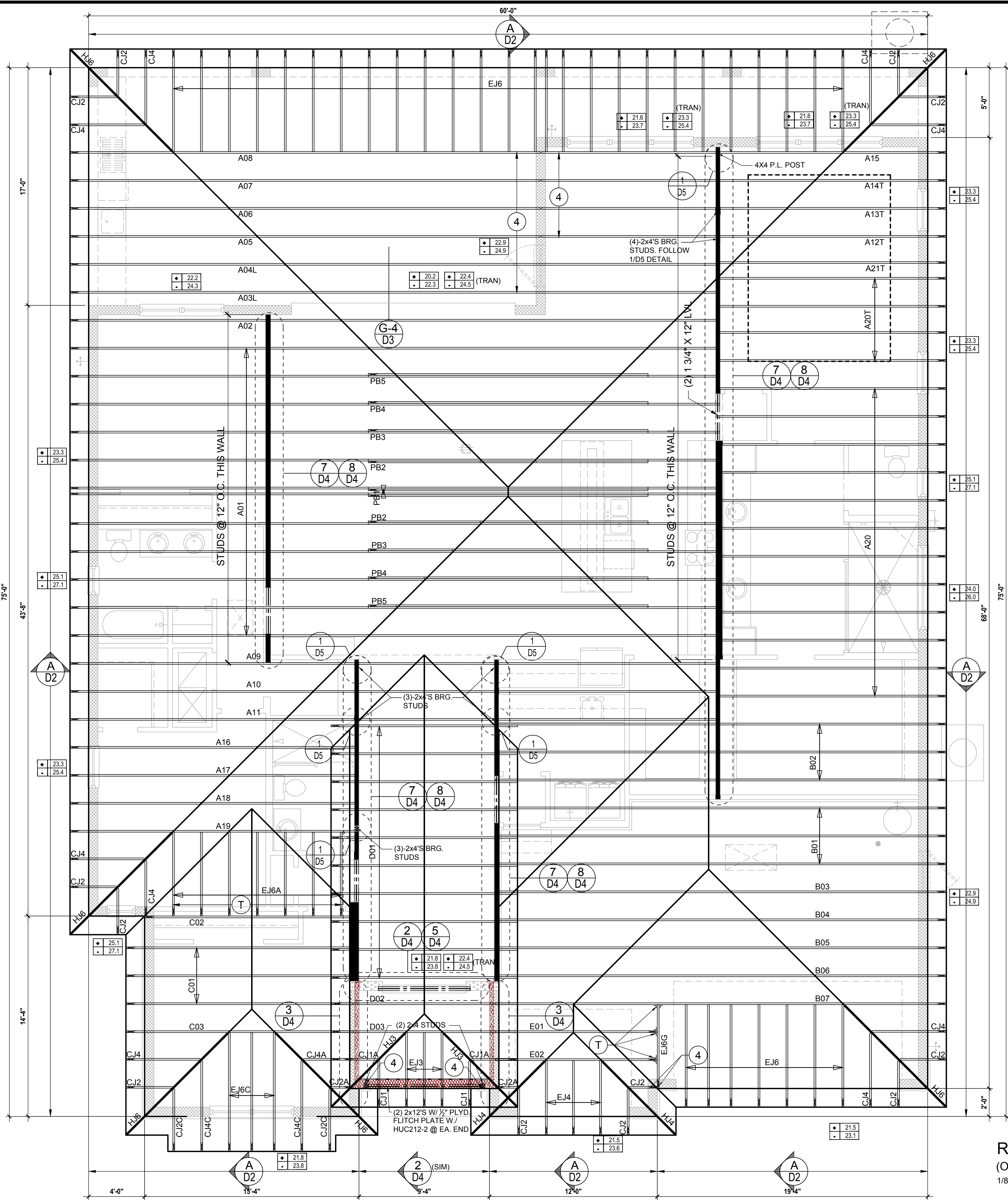
ISSUE DATE 03/03/2023
REVISIONS
PROJECT: 00-0000
SCALE: AS NOTED
DRAWN BY: C.C.
DESIGNED BY: MJS

ROOF FRAMING PLAN
S3.C2

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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
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21	H1	RFT: 6-8dx1 1/2"/PLT: 4-8d	480	510 / 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
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45	ST18	14-16d	1,200	N/A
47	LSTA24	18-10d	1,295	N/A
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72	MSTC66	64-16d SINKERS	5,495	N/A
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90	ABU66	12-16d	2,240	N/A
89	CB66	(2) 7/8" BOLTS	2,300	985
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SEE PLAN DESIGN WIND PRESSURE

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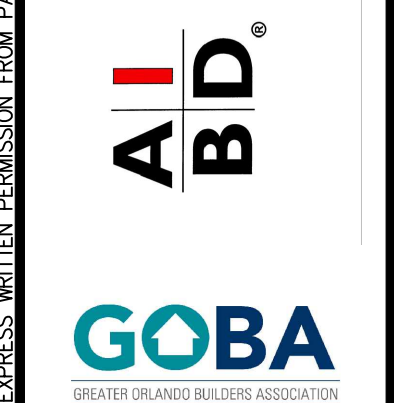
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- OFF RIDGE VENTS MAXIMUM OPENING SIZES:
- LOMANCO: (2) 9/2" DIA. CIRCLES
- MILLENNIUM METAL: 2 1/2"x46" HOLE

ROOF FRAMING PLAN "C"
(Opt. Ext. Lanai)
1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)



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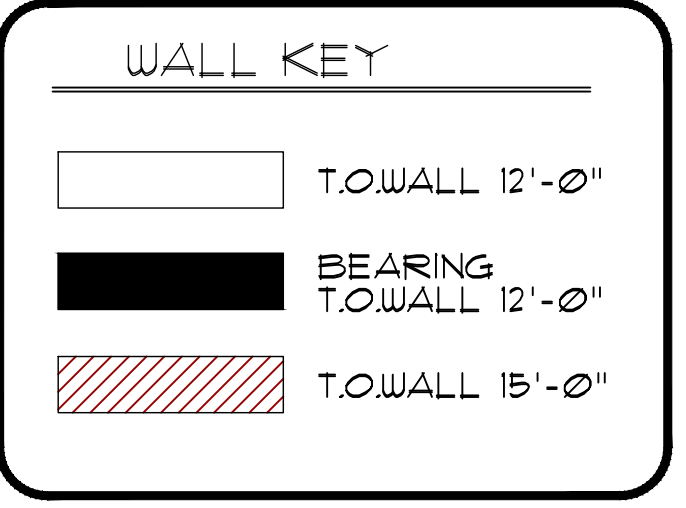
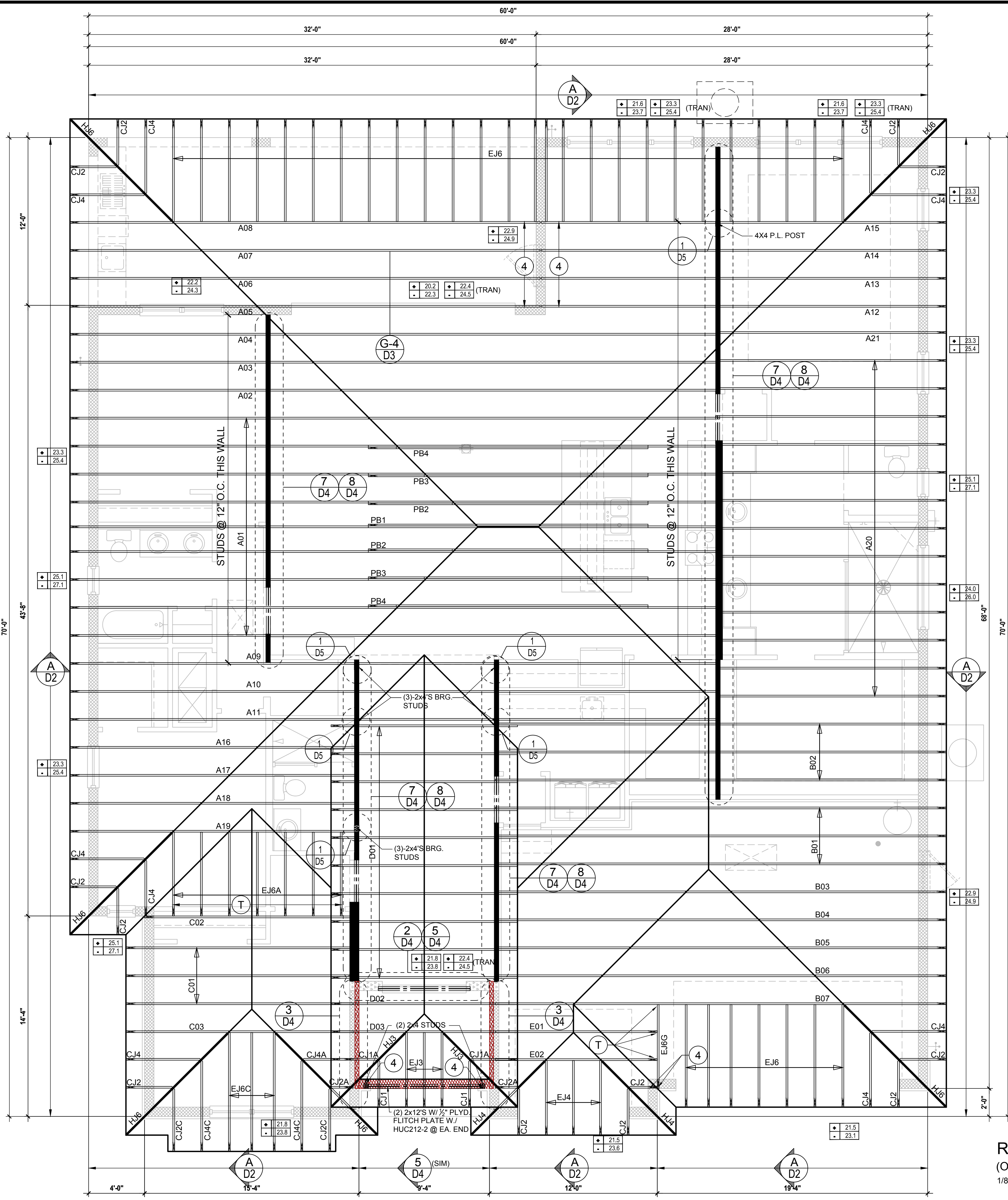
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Orlando, FL 32811
Phone: (407) 529-3000



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DRAWN BY: C.C.
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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	400	210 / 170
21	H1	RFT: 6-8dx1 1/2" / PLT: 4-8d	480	510 / 165
22	H10S	RFT: 8-8d x 1 1/2"	1010	660/550
23	LUS26	HDR: 4-10d / JUST: 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" X 5 1/2" BOLTS	7,910	N/A
97	MTSM16	BLOCK: 4-1/2" X 2 1/2" 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 1/2" X 3" / (2) 7/8" BLT	3,990	N/A
104	HDU8-SDS2.5	7/8" BLT / 20-SDS 1/2" X 2 1/2"	5,020	N/A
110	HCP1.81	(6) 0.148 x 1 1/2"	590	255 / N/A
167	HHUS46	H: 14-16d / J: 6-16d	1,550	N/A
168	U46	H: 8-10d / J: 4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H: 14-16d / J: 4-10d	1,085	N/A
214	HUC212-3TF	HD: 16-3/16" X 1 1/2" TAPCON BM: 6-16d	1,135	N/A
215	HGUS210-2	HDR: 46-16d / JUST: 10-16d	2,720	N/A
216	HUS412	BLOCK: 10-1/2" X 1 1/2" TC JOIST: 10-16d	3,240	N/A
217	HUS212-2	BLOCK: 10-1/2" X 1 1/2" TC JOIST: 10-16d	2,630	N/A
219	MBHA412	H: 1-ATR3/4 X 8 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 / JUST: 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

- #### 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/ UNITEX PROPOXY 300 OR SIMPSON SET OR ETF ADHESIVES.
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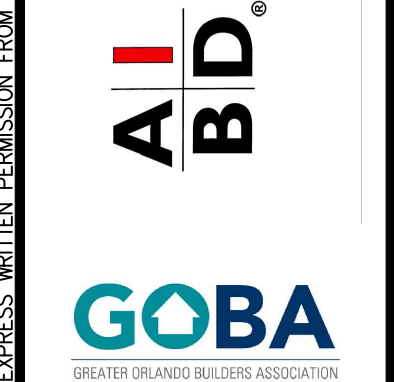
- #### NOTES
- TYPICAL ROOF GABLE OVERHANG TO BE 12" UNLESS OTHERWISE NOTED.
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ROOF FRAMING PLAN "C"
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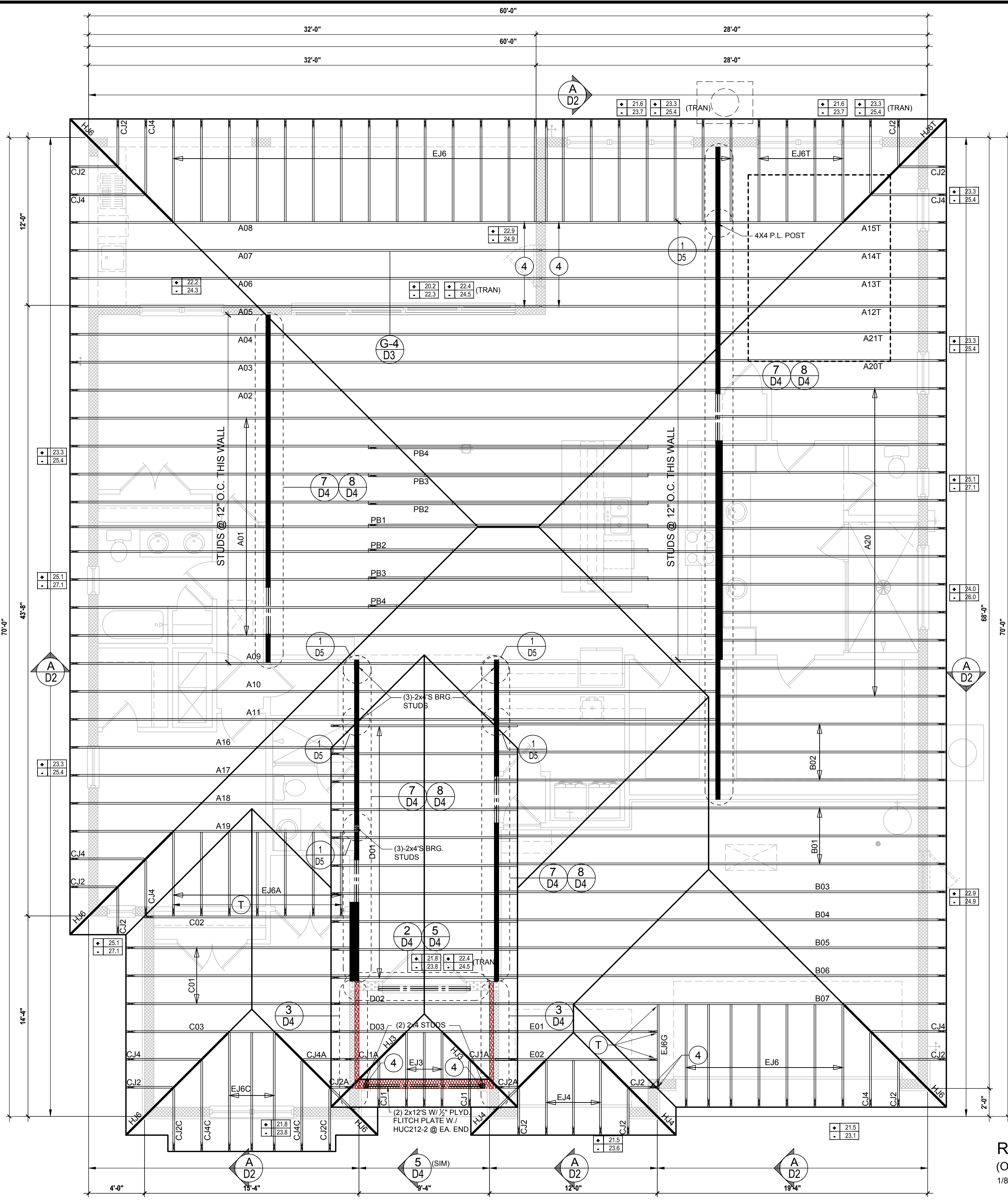


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CONNECTOR SCHEDULE

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	400	210 / 170
21	H1	RFT: 6-8dx1 1/2" / PLT: 4-8d	480	510 / 165
22	H10S	RFT: 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
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96	HD8A	SILL: 7/8" BOLT STUD: (3) 7/8" X 5/2" BOLTS	7,910	N/A
97	MTSM16	BLOCK: 4-1/2" X 2 1/2" 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 1/2" X 3/8" (2) 7/8" BLT	3,990	N/A
104	HDU8-SDS2.5	7/8" BLT / 20-SDS 1/2" X 2 1/2"	5,020	N/A
110	HCP1.81	(6) 0.148 x 1 1/2"	590	255 / N/A
167	HHUS46	H: 14-16d / J: 6-16d	1,550	N/A
168	U46	H: 8-10d / J: 4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H: 14-16d / J: 4-10d	1,085	N/A
214	HUC212-3TF	HD: 16-3/16" X 1 1/2" TAPCON BM: 6-16d	1,135	N/A
215	HGUS210-2	HDR: 46-16d / JST: 10-16d	2,720	N/A
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WALL KEY

- T.O.WALL 12'-0"
- BEARING T.O.WALL 12'-0"
- T.O.WALL 15'-0"

COMPONENT & CLADDING DESIGN WIND PRESSURES

SEE PLAN DESIGN WIND PRESSURE

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NOTES

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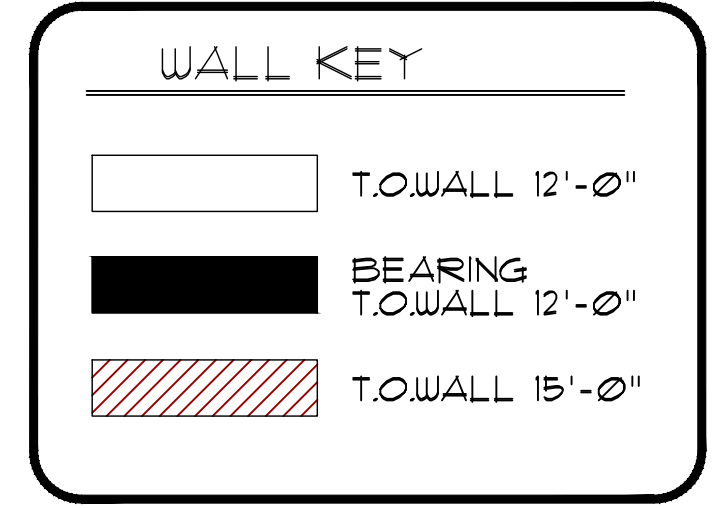
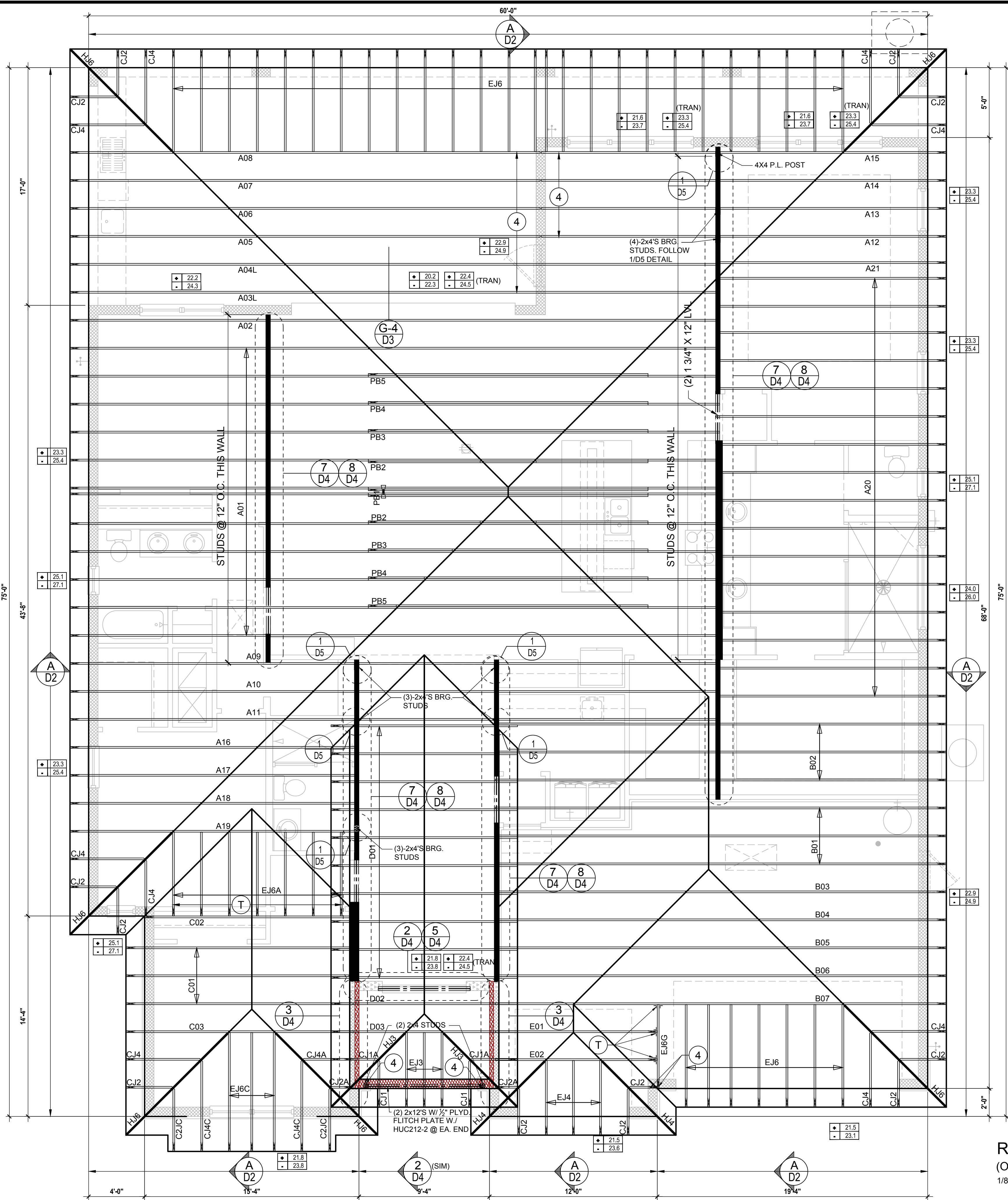
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ROOF FRAMING PLAN
S3.C5

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CONNECT. TYPE	SIMPSON		MAX. UPLIFT	LAT. LDS. F1 / F2
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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
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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	HDU8-SDS2.5	7/8" BLT/20-SDS 1/4"x2 1/2"	5,020	N/A
110	HCP1.81	(6) 0.148 x 1 1/2"	590	255 / N/A
167	HHUS46	H: 14-16d/J: 6-16d	1,550	N/A
168	U46	H: 8-10d/J: 4-10d	710	N/A
181	HUS26	20-16d	1,550	N/A
184	HUC28-2	H: 14-16d/J: 4-10d	1,085	N/A
214	HUC212-3TF	HD: 16-3/16"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	SURL414	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

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/ 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 1/2" - ADD FILLED CELL (NO VERTICAL STEEL) MIDPOINT OF WALL BETWEEN EXISTING FILLED CELLS (WITH STEEL) IN AREAS AFFECTED. 1 1/2" - REQUIRE SPECIAL ENGINEERING LETTER.
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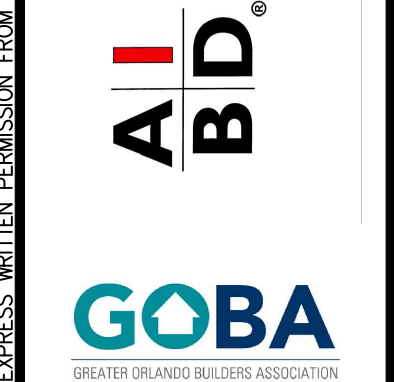
NOTES

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- ALL ROOF TRUSSES, GIRDERS, BEAMS, HEADERS, ETC. TO BE SIZE BY TRUSS MANUFACTURER OR FL. REG. ENG.
- TRUSSES SHALL BE BRACED TO PREVENT ROTATION & PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS. FOR BUILDING & ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH TPI/WTCA BCSI 1.
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- OFF RIDGE VENTS MAXIMUM OPENING SIZES:
 - LOMANCO: (2) 9/2" DIA. CIRCLES
 - MILLENNIUM METAL: 2 1/2"x46" HOLE

ROOF FRAMING PLAN "C"
 (Opt. Office & Ext. Lanai)
 1/8"=1'-0" (11x17) 1/4"=1'-0" (22x34)



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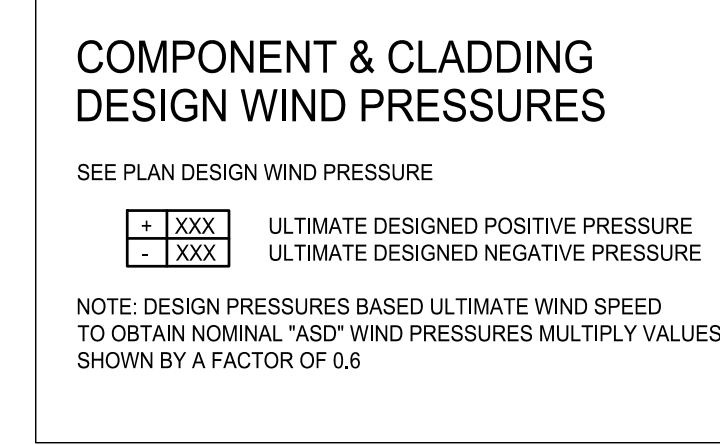
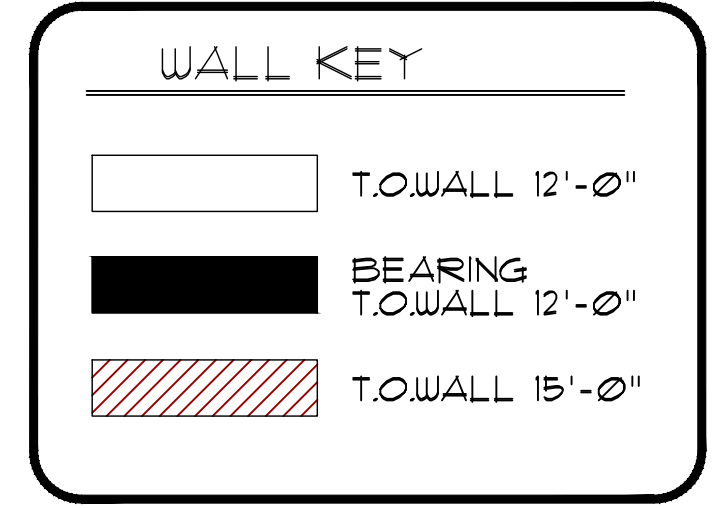
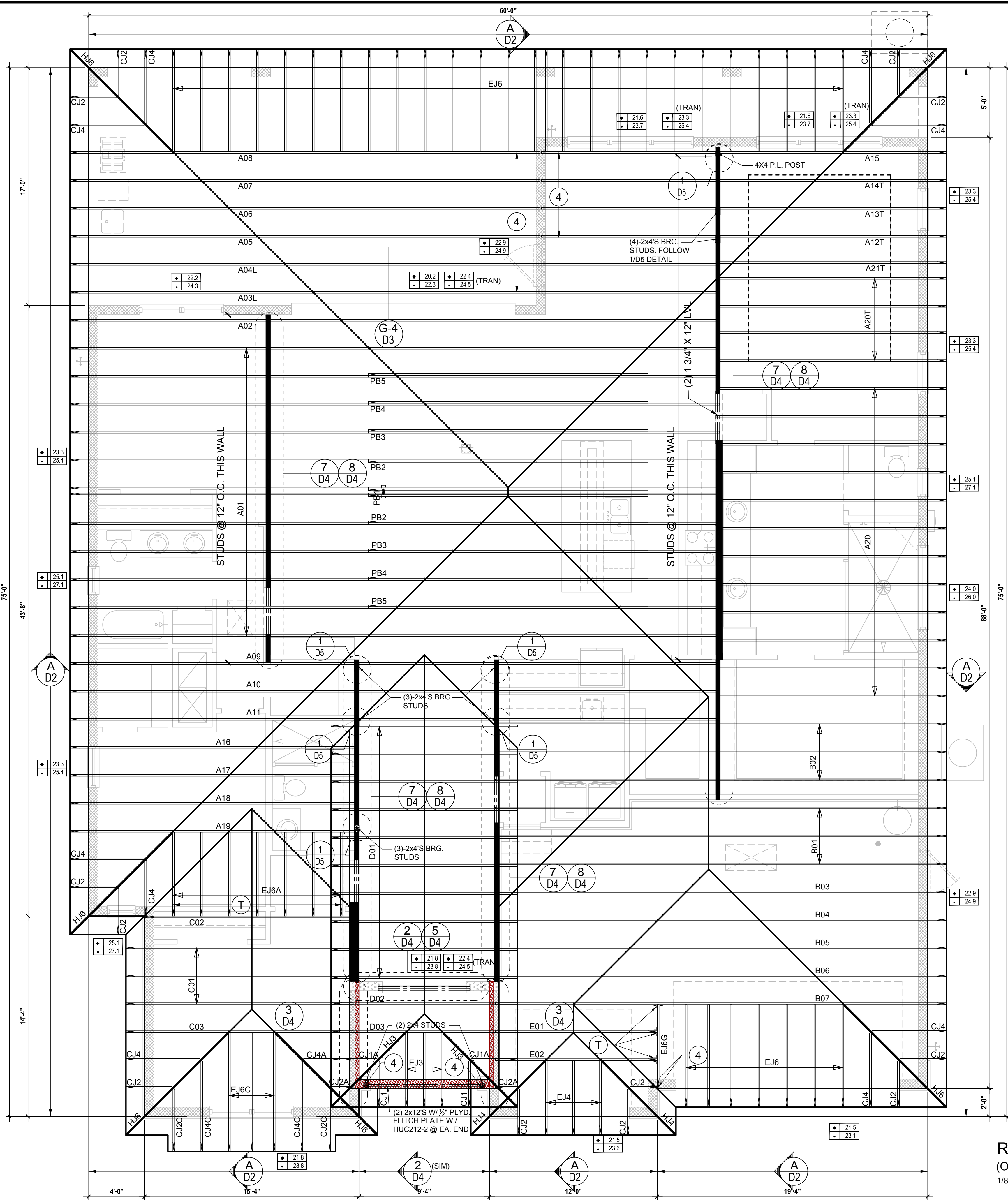
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ISSUE DATE: 03/03/2023
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 PROJECT: 00-0000
 SCALE: AS NOTED
 DRAWN BY: C.C.
 DESIGNED BY: MJS

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	400	210 / 170
21	H1	RFT: 6-8dx1 1/2"/PLT: 4-8d	480	510 / 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: 4-1/4"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	HDU8-SDS2.5	7/8" BLT/20-SDS 1/4"x2 1/2"	5,020	N/A
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168	U46	H: 8-10d/J: 4-10d	710	N/A
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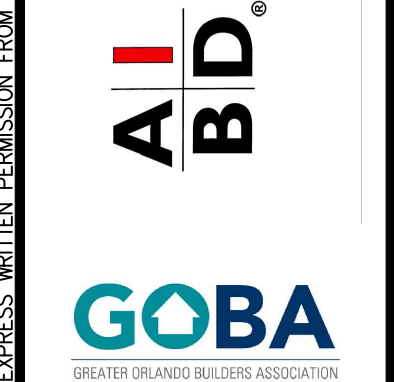
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DRAWN BY:	C.C.
DESIGNED BY:	MJS

STRUCTURAL NOTES

- THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 7TH EDITION, FBCR 2020 (WIND LOAD @ 140 MPH.) LIVE LOAD ROOF: 20 PSF. FLOOR: 40 PSF, BALCONIES & STAIRS: 40 PSF OCCUPANCY= 1.0 BUILDING CATEGORY R3, WIND EXPOSURE C INTERNAL PRESSURE COEFFICIENTS = +0.18 AND -0.18
- 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 TERMITE TREATED COMPACTED CLEAN FILL.
- CONCRETE MASONRY UNITS SHALL MEET: CH. 1-3 OF ACI 530-02/ ASCE 5-02/TMS 402-02 OR BIA BUILDING CODE REQUIREMENTS.
- MORTAR TO BE TYPE "M" OR "S", GROUT - 2,500 PSI @ 28 DAYS.
- MASONRY CLEAN OUTS REQUIRED @ GROUT GREATER THAN FIVE (5) FEET IN HEIGHT AND ALL VERTICALS.
- REBAR TO BE # 5'S GRADE 60, W/ MIN. LAP OF 25". USE "L" BARS @ CORNERS AND USE STANDARD HOOKS @ CHANGE IN DIRECTION WITH MIN. LAP 12"
- GYP. BD. CEILING SHALL BE INSTALLED PERP. TO FRAMING & NAILED @ 7" O.C. WITH 5d NAILS. GYP. BD. WALLS SHALL BE NAILED @ 8" O.C. WITH 5d NAILS
- UPLIFT CONNECTOR'S TO PROVIDE CONTINUITY FROM ROOF TRUSSES THRU PLATES TO SLAB AND FOUNDATION PER ENCLOSED DETAILS.
- EPOXY ANCHOR ALTERNATIVE: THREADED ANCHOR ROD MAY BE USED IN LIEU OF ANCHOR BOLTS FOR USE AS PLATE ANCHORS OR HURRICANE ANCHORS. THE FOLLOWING CRITERIA MUST BE MET:

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

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

- SOIL BEARING CAPACITY 2000 PSF MINIMUM

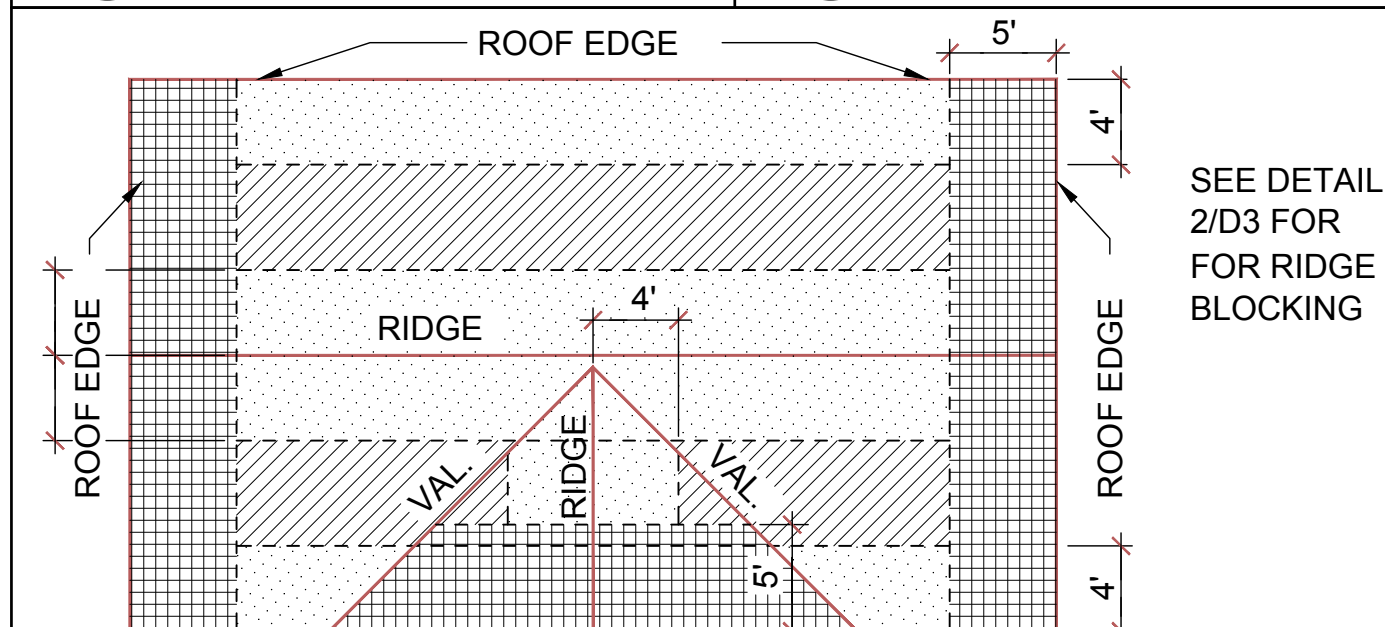
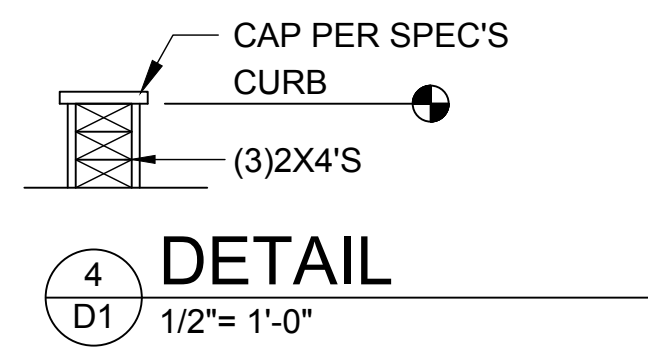
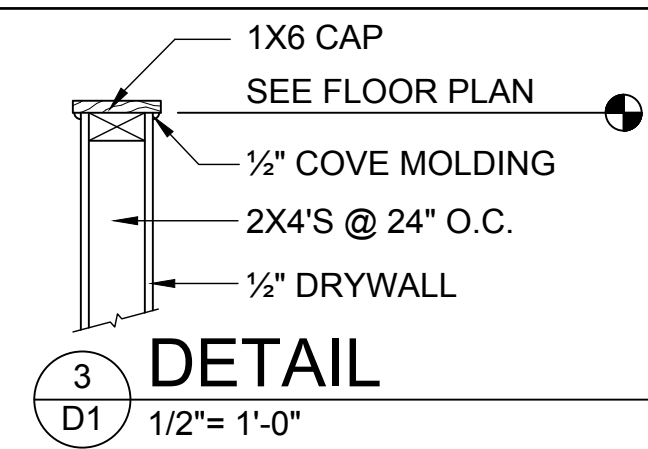
WOOD STRUCTURAL NOTES

- ALL WOOD TO BE SPECIES, GROUP, AND GRADE AS NOTED BELOW. DAMAGED WOOD NOT TO BE USED.
- ALL STRUCTURAL LUMBER SHALL BE SPF (SPRUCE-PINE-FIR) #2 OR BETTER UNLESS OTHERWISE NOTED. (PRE ENG. TRUSSES EXCLUDED)
- END JOINT IN STRUCTURAL DOUBLE TOP PLATE TO BE OFFSET AT LEAST 4". STRUCTURAL DOUBLE PLATES TO BE NAILED @ 6" O.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. 19/32 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

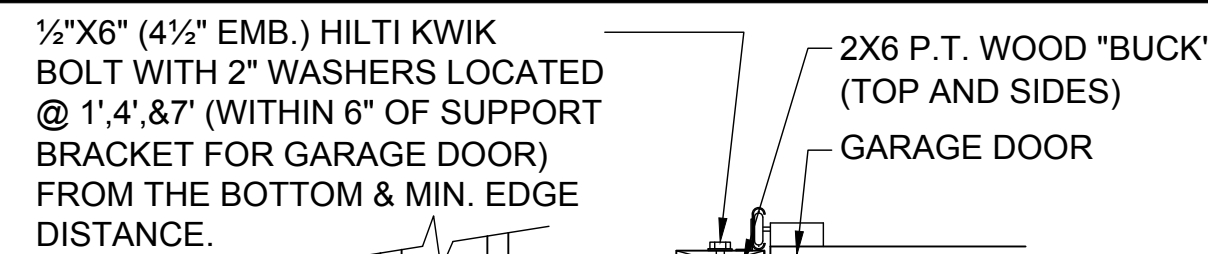
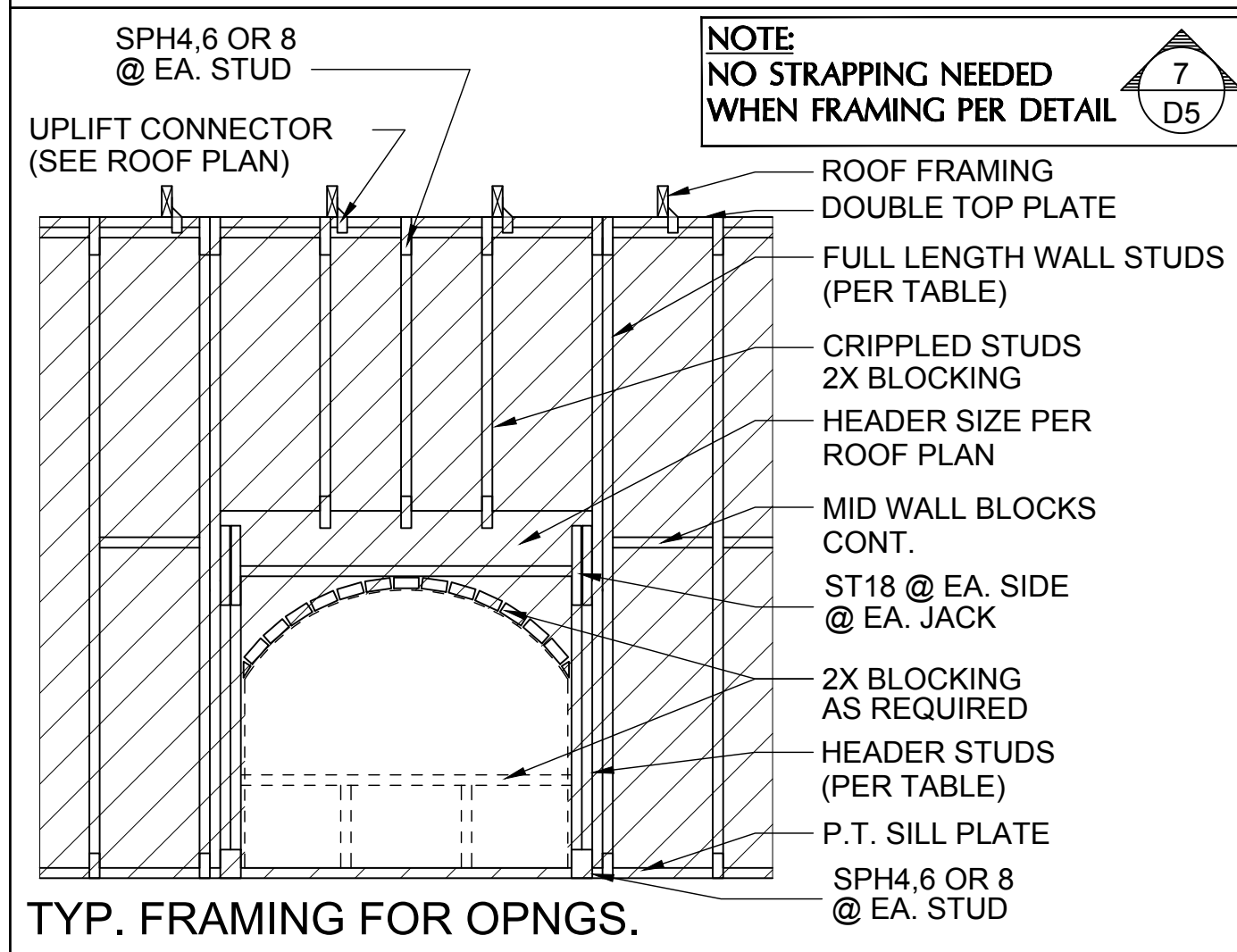
- ALL WOOD IN DIRECT CONTACT WITH MASONRY SHALL BE PRESSURE TREATED.
- 2000 PSF MINIMUM SOIL BEARING CAPACITY

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



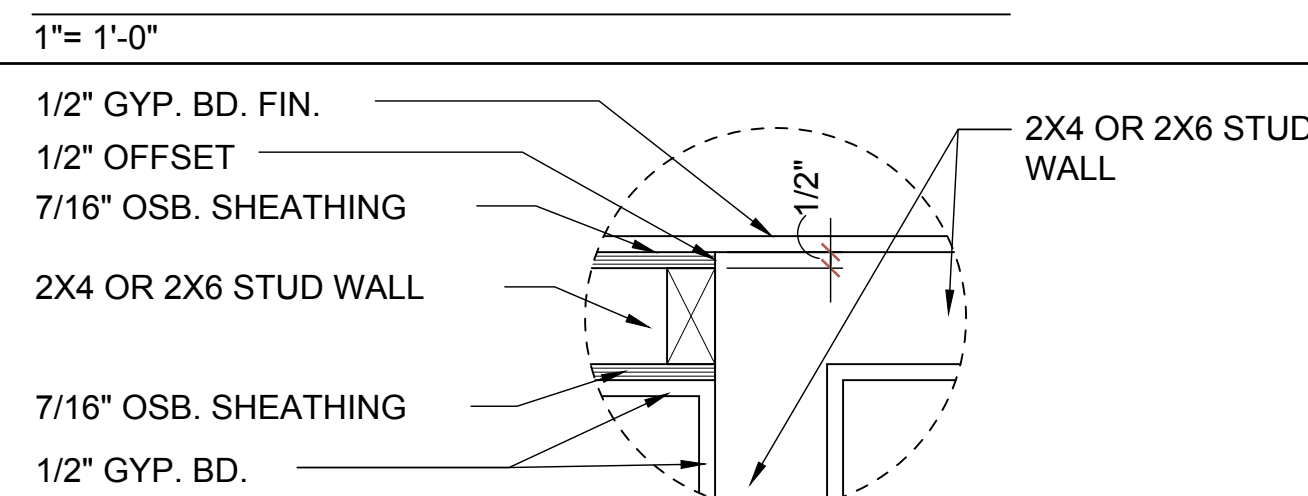
ZONE:	8d NAILS @ 6" O.C. EDGES AND 6" O.C. FIELD
ZONE:	8d NAILS @ 6" O.C. EDGES AND 6" O.C. FIELD
ZONE:	8d NAILS @ 4" O.C. EDGES AND 4" O.C. FIELD



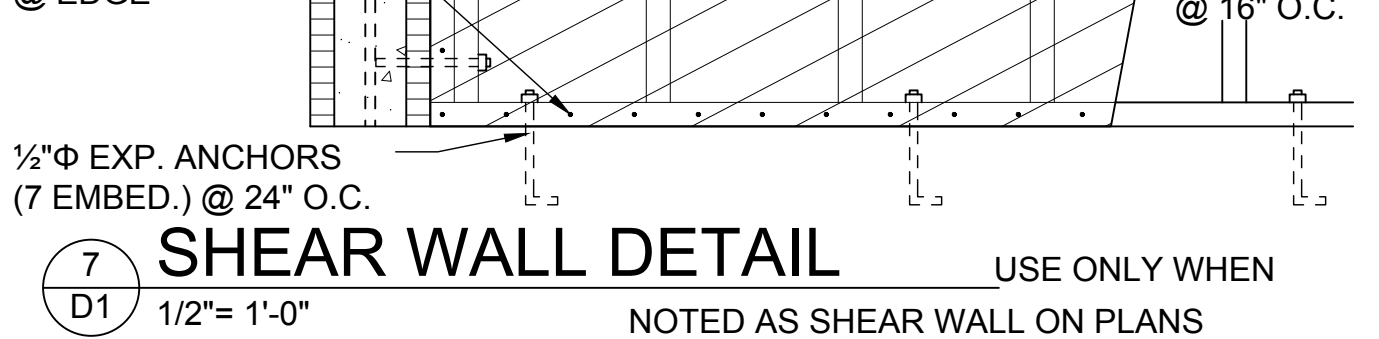
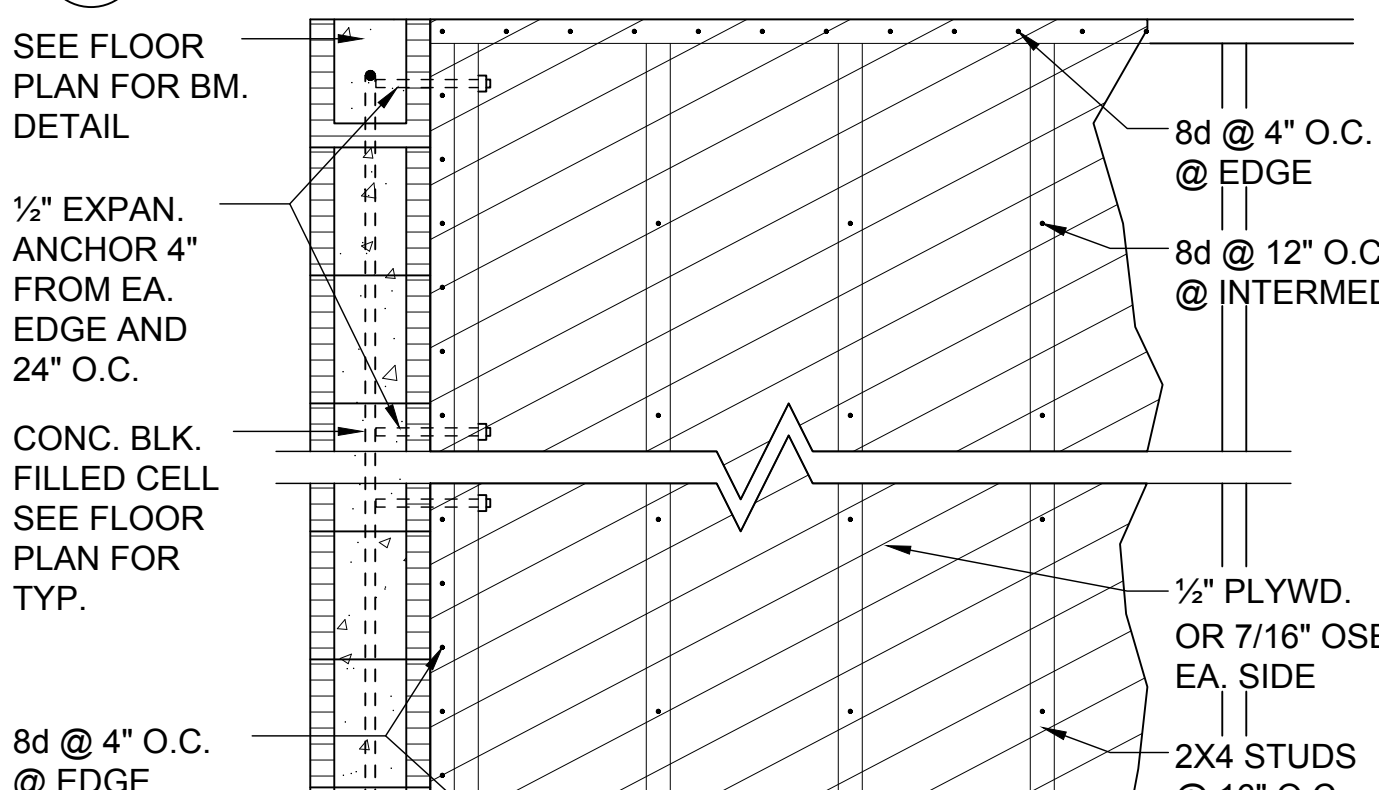
- DETAIL TO SATISFY 150 MPH WIND LOAD
- MASONRY FRAME SHALL BE MIN 8X16 ASTM C-9D
- GROUT FILLED CELL W/ 1/2" ASTM #5 REBAR (GRADE 60) @ EA. SIDE OF GARAGE DOOR OPENING
- MAX. DISTANCE TO CORNER OF C.B.S. WALL REINF. 48"
- REINF. TO BE CONT. FROM FTG. TO TIE BEAM W/ ALL "ACI" DETAILS & DEVELOPMENT LENGTHS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

- 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 2020 FLORIDA BUILDING CODE RESIDENTIAL, 7TH 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

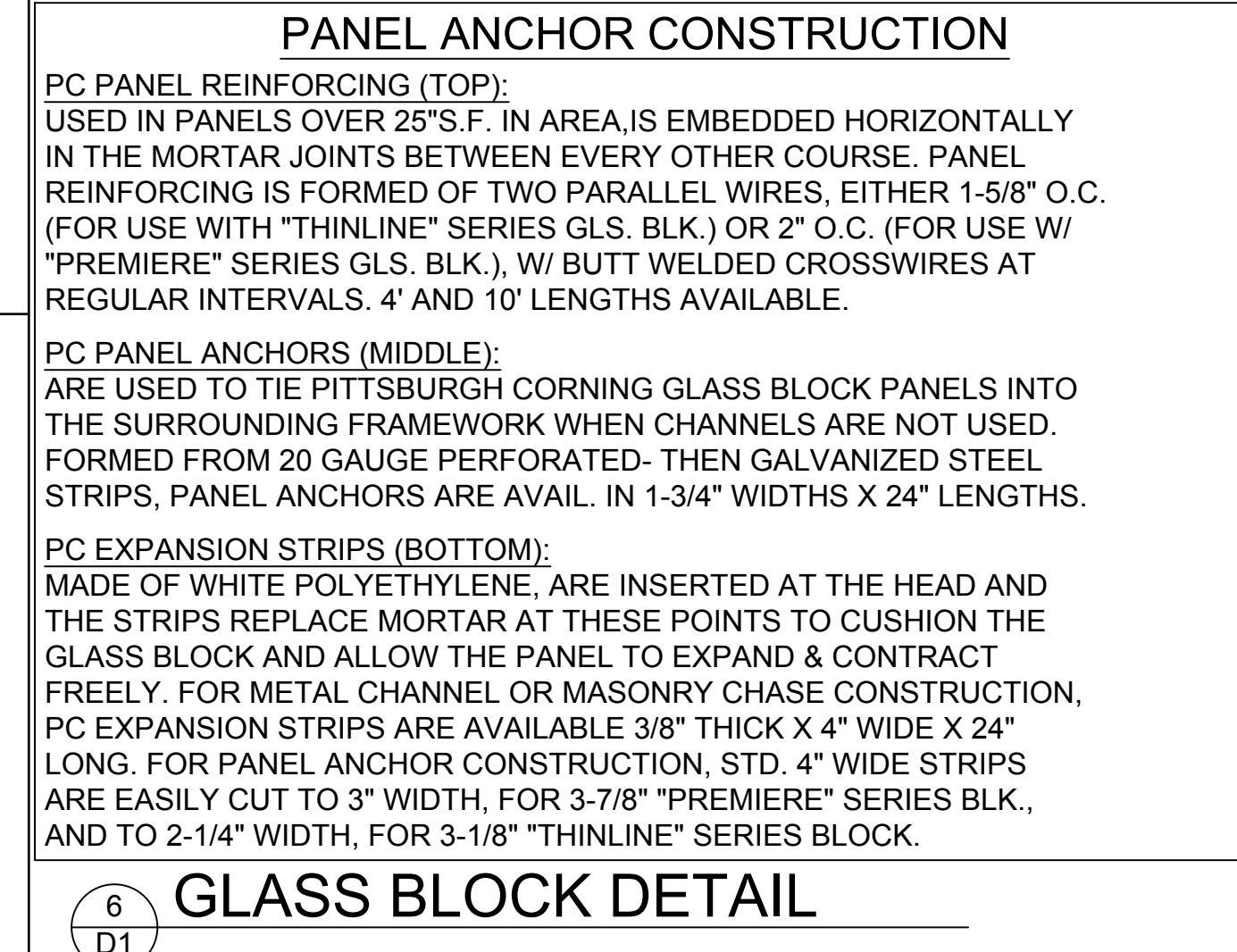
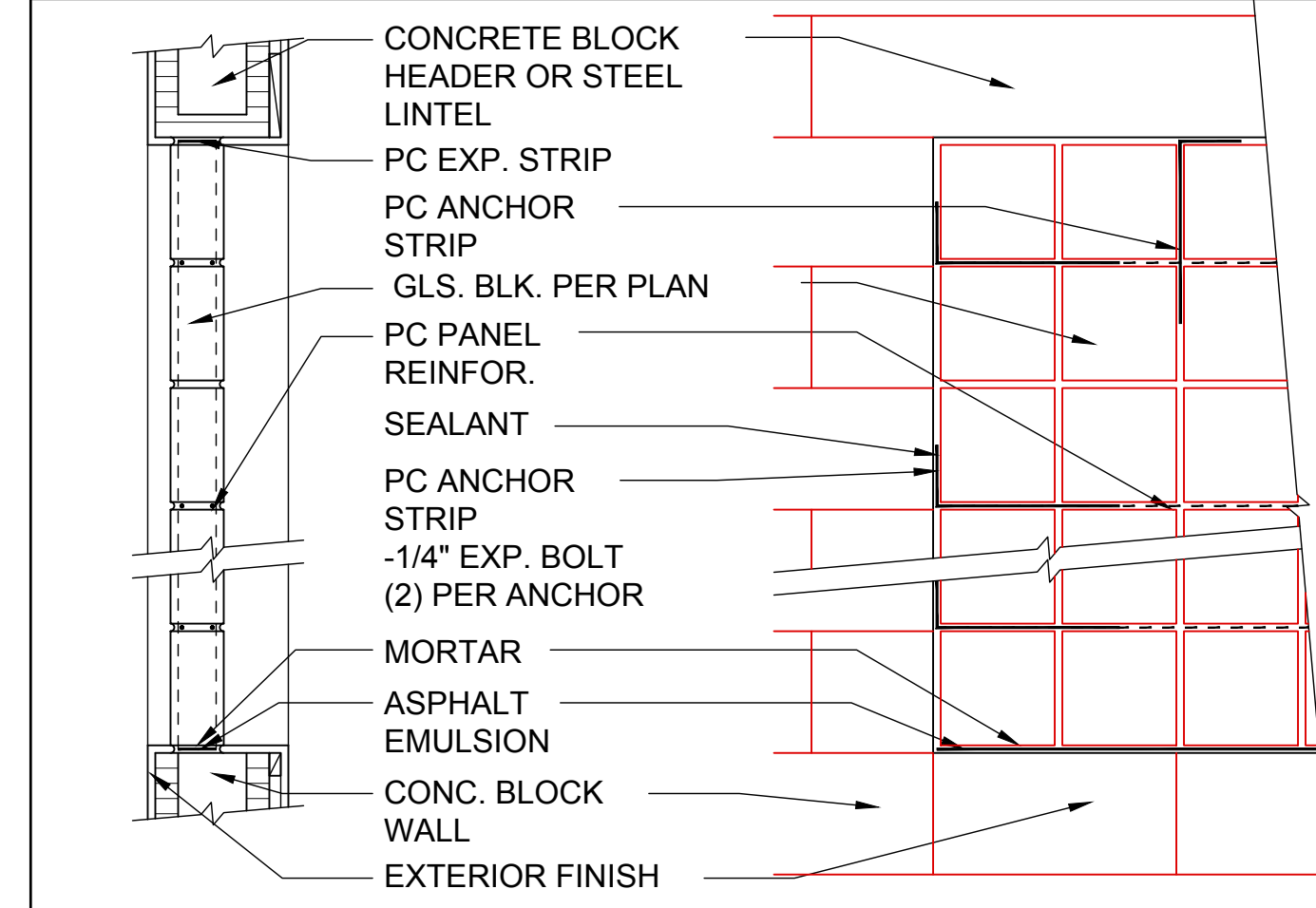
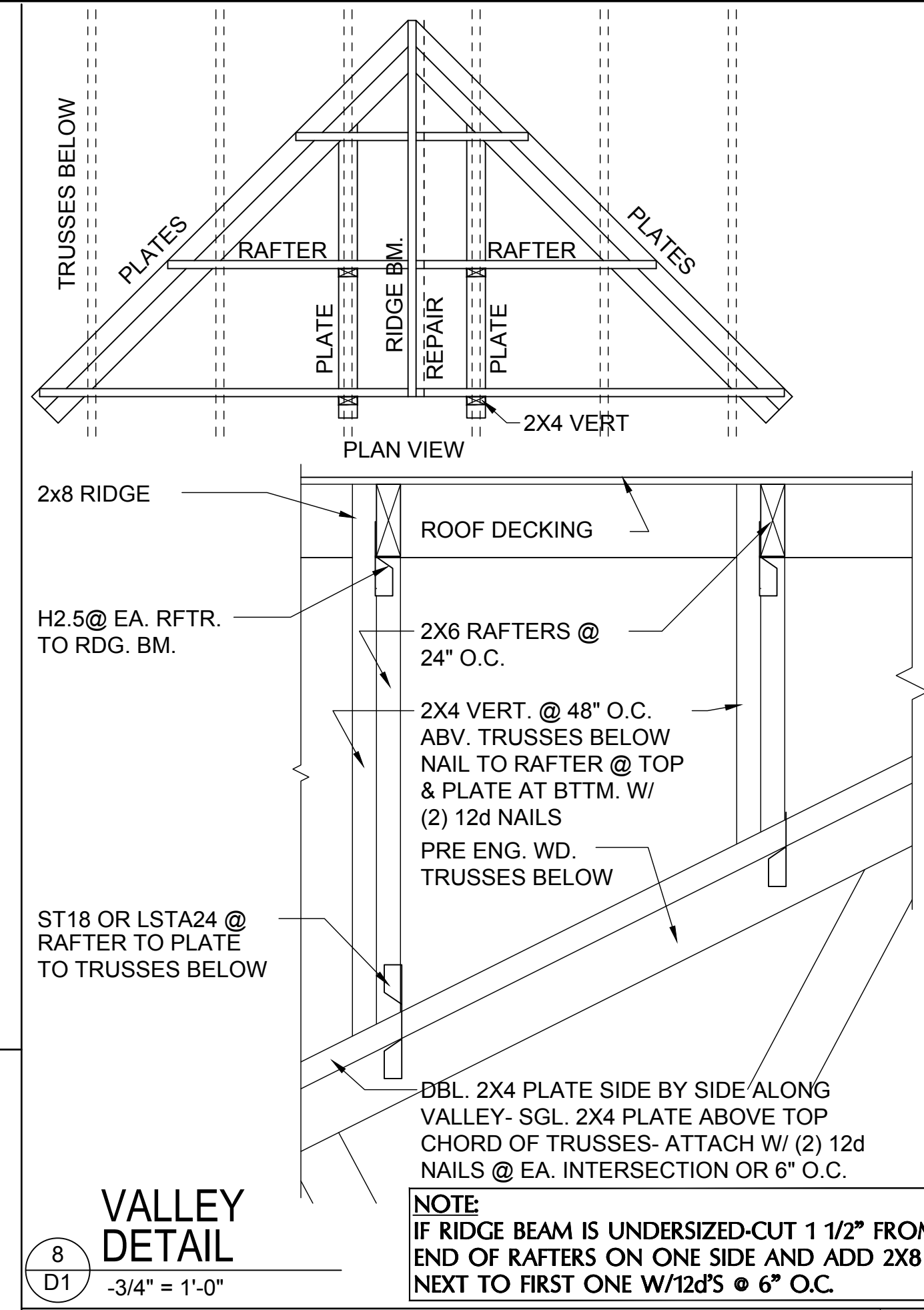


DETAIL @ CONN. TO REG. WALL



MIN. WALL AND HEADER REQUIREMENTS

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



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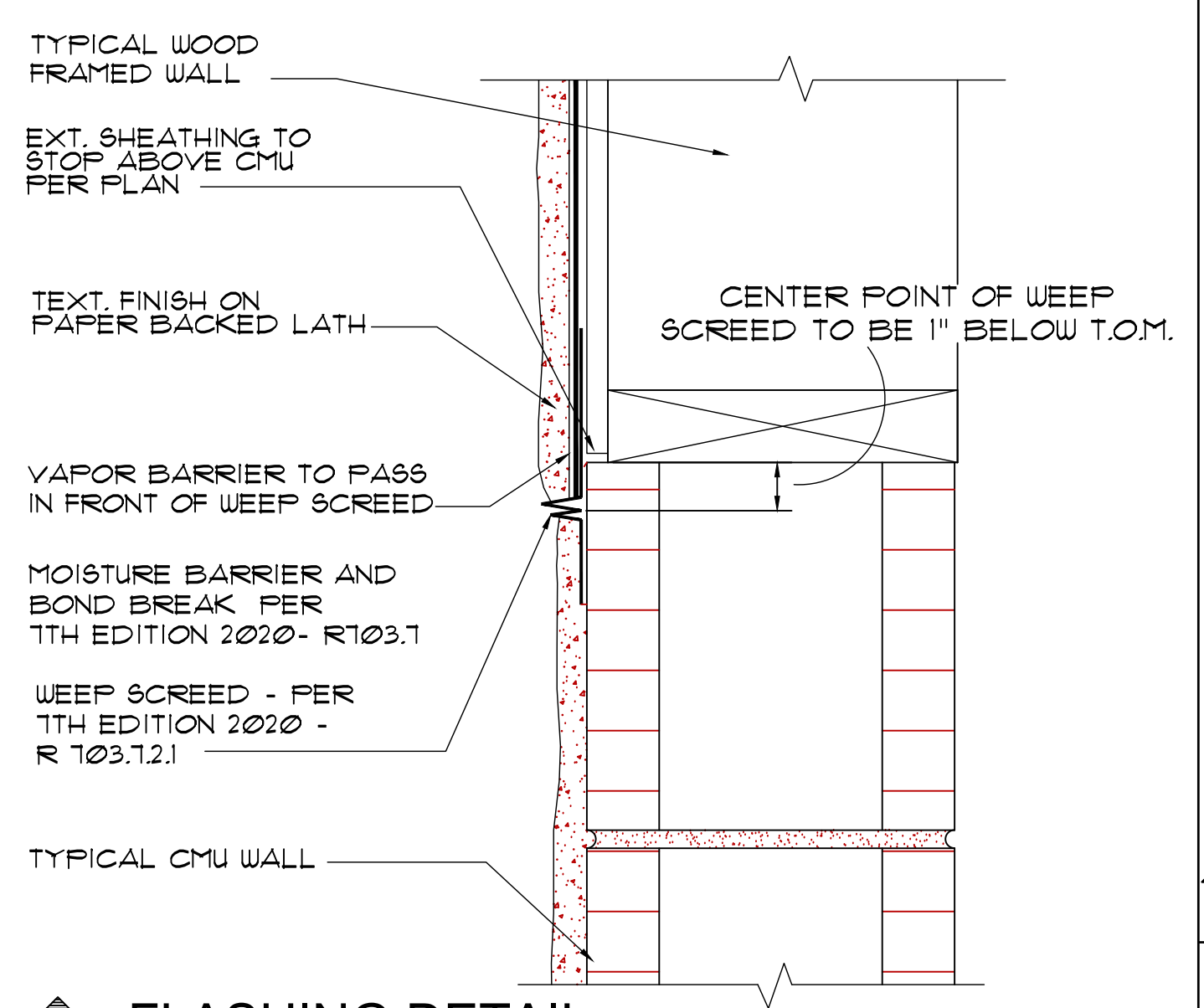
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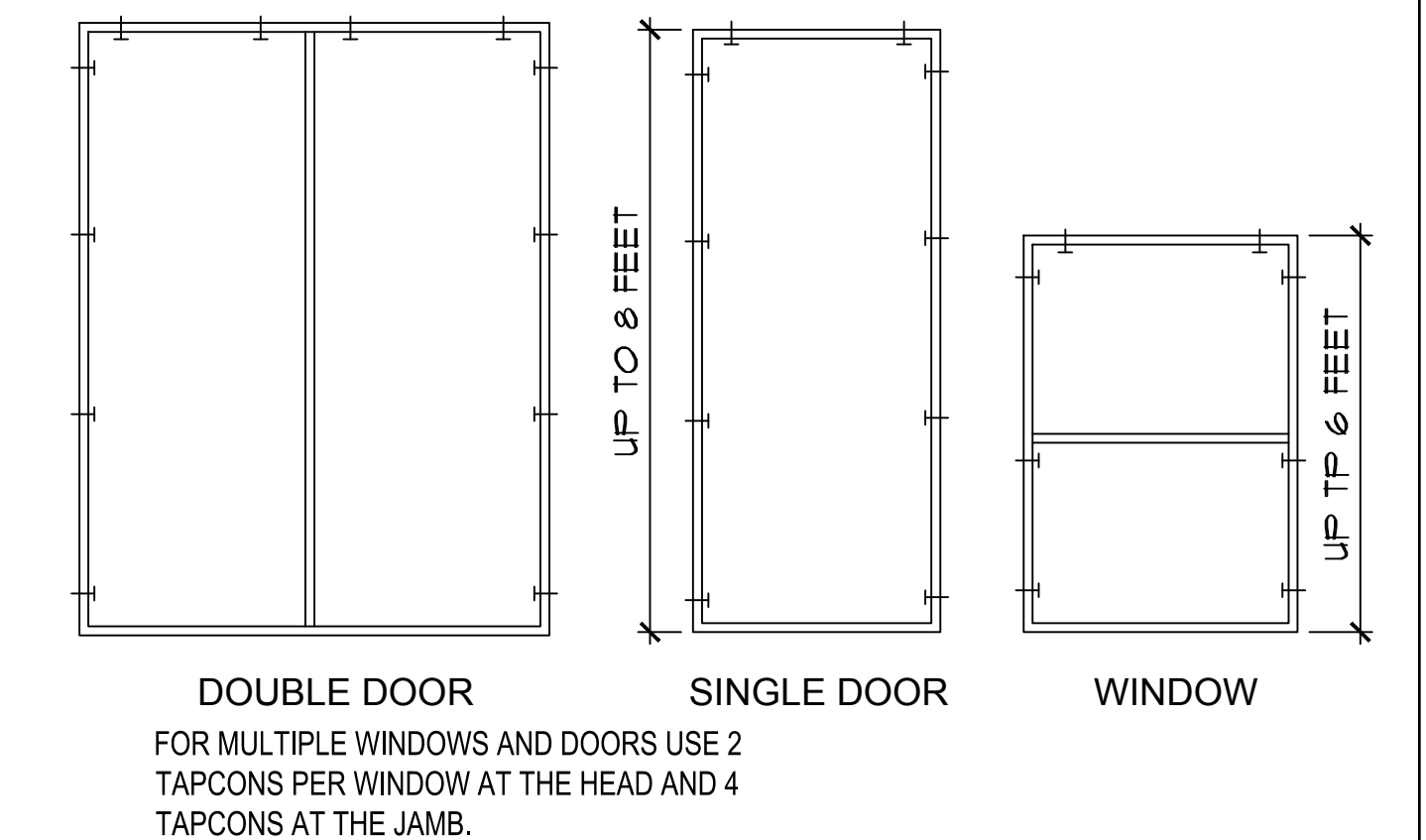
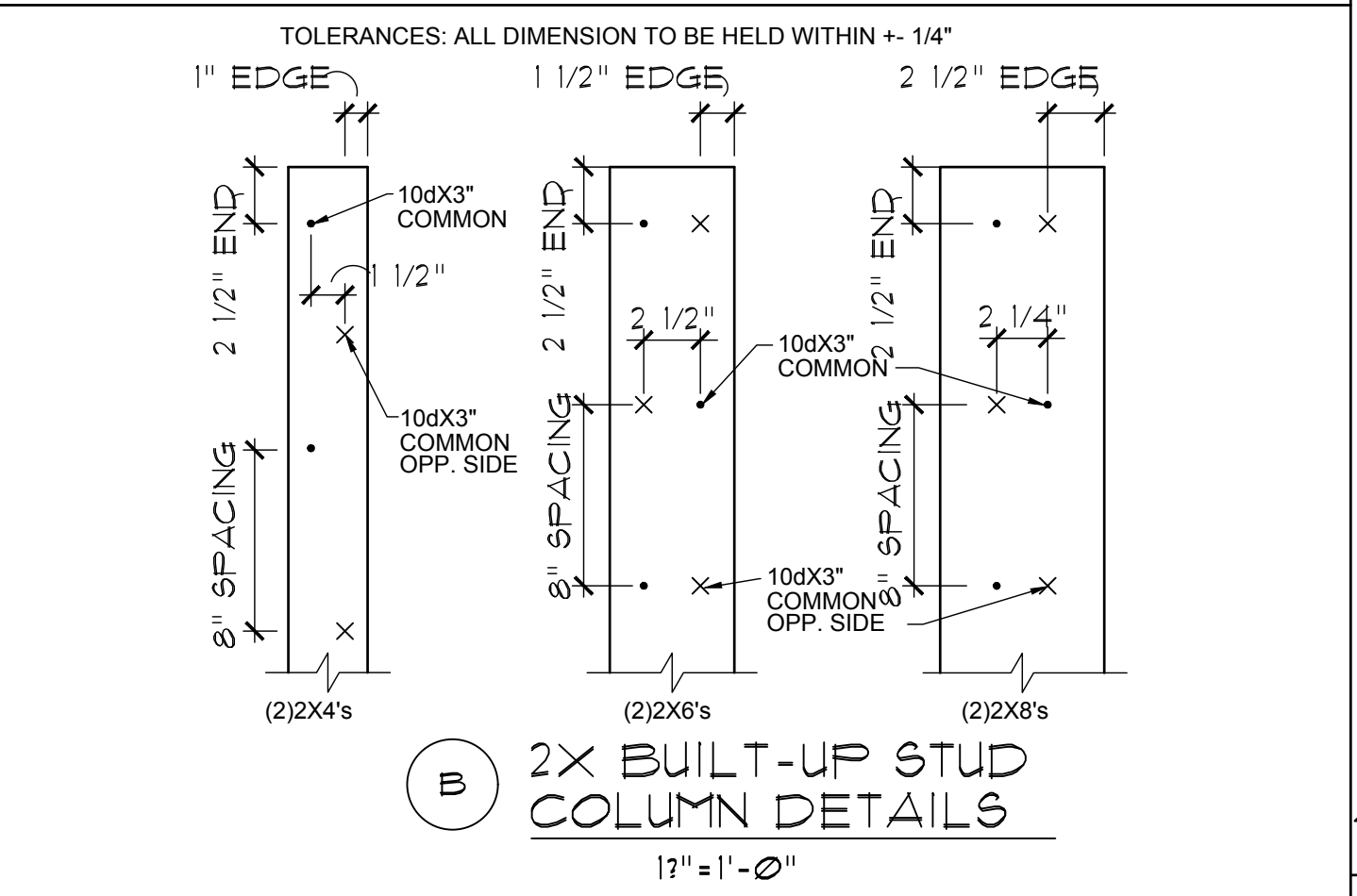
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PROJECT: 00-0000
SCALE: AS NOTED
DRAWN BY: C.C.
DESIGNED BY: MJS

STRUCTURAL NOTES & DETAILS
D1

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FLASHING DETAIL



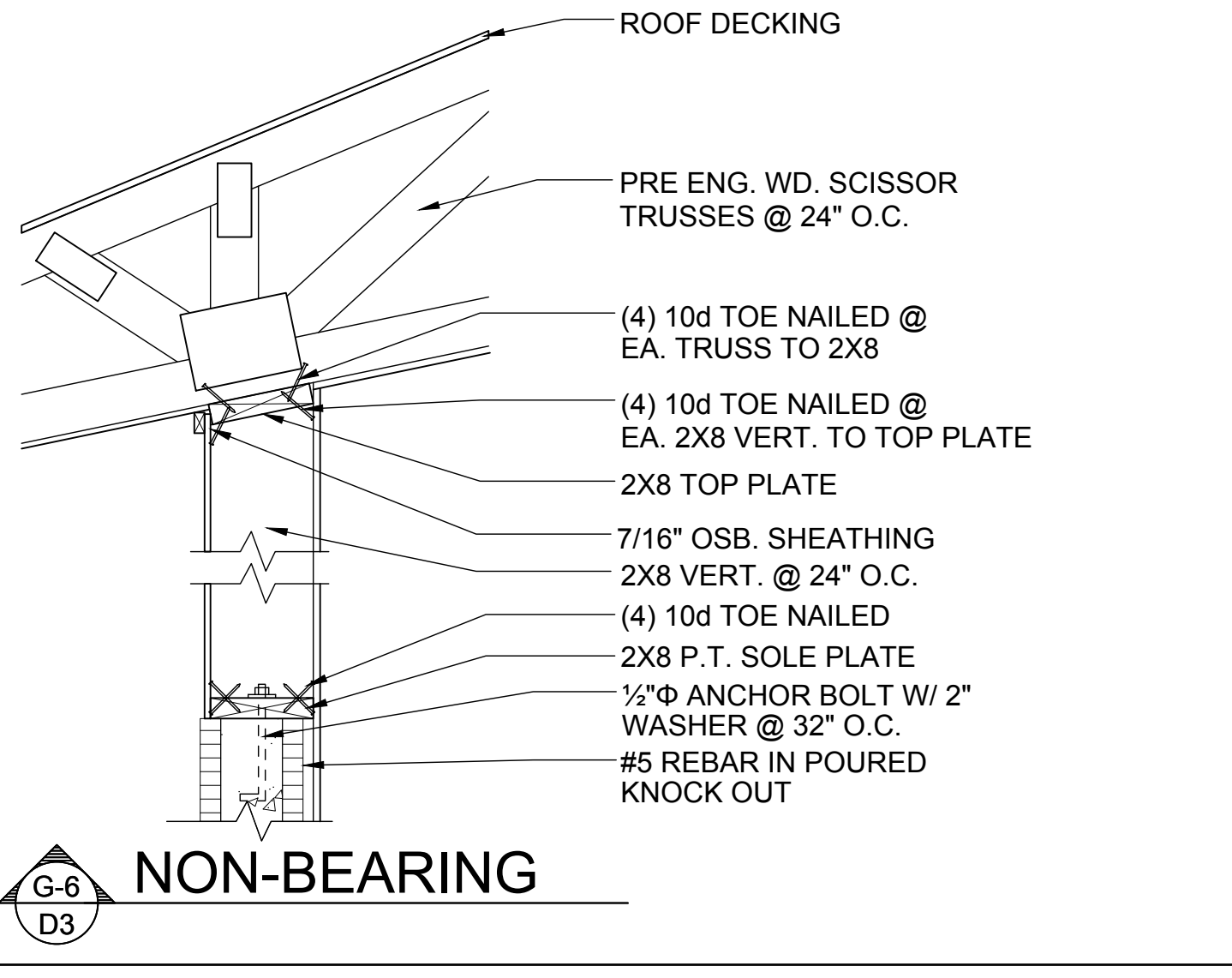
BUCK ATTACHMENT DATA

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\"/>

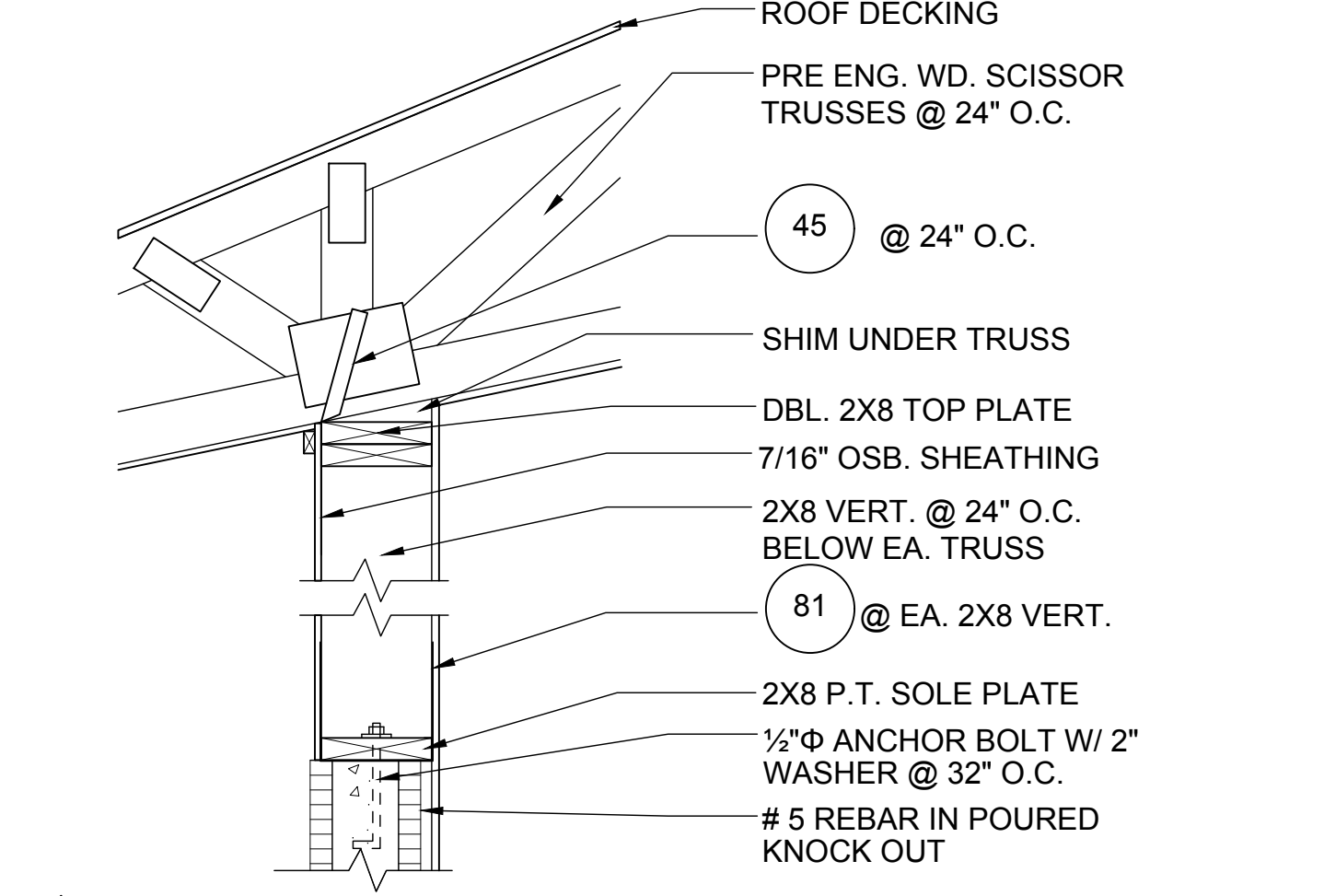
USE MIN. 2-1/4\"/>

NOTE

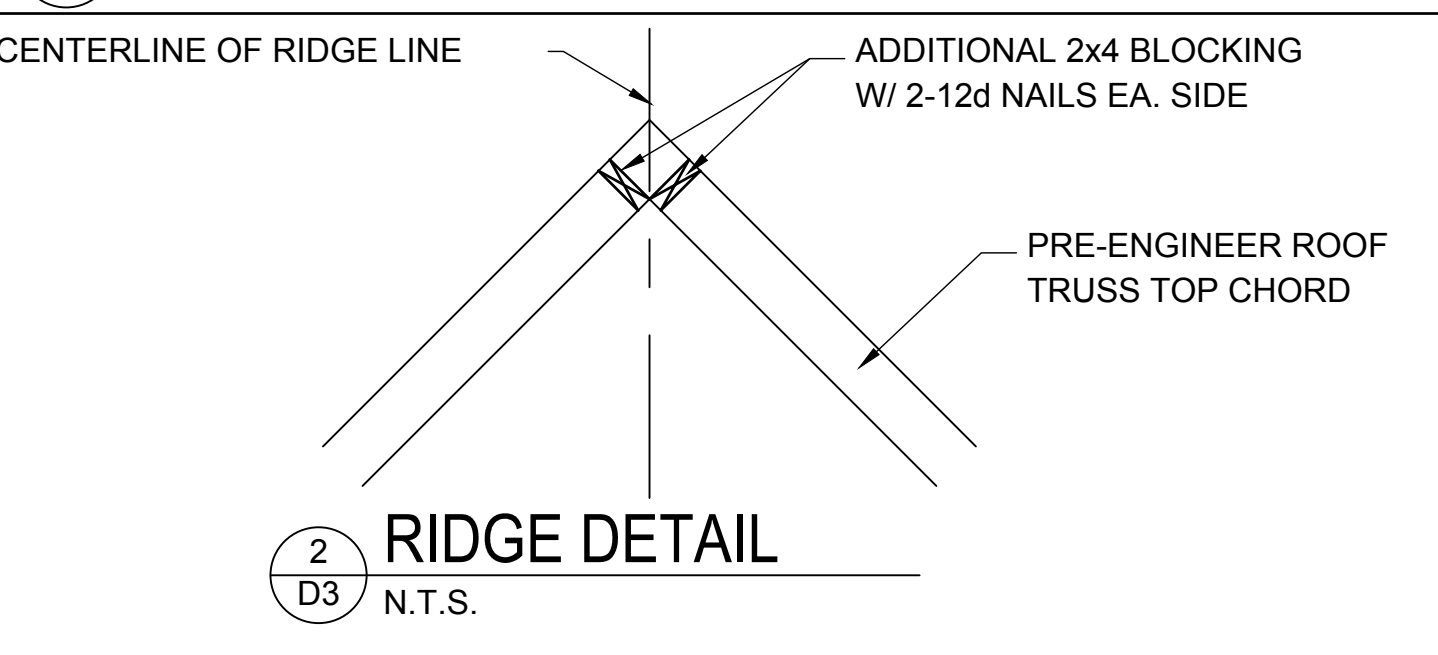
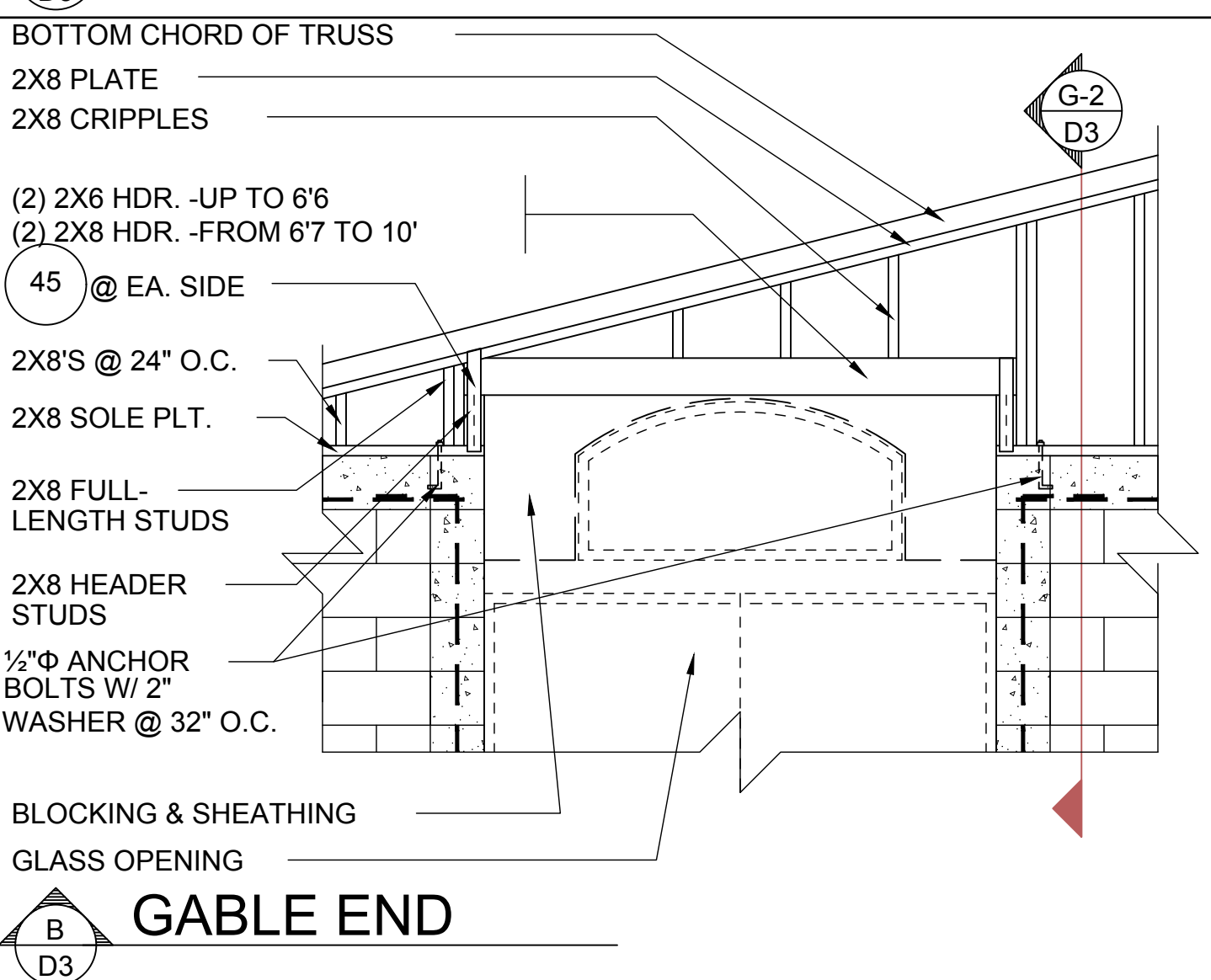
IN CASE OF BLOCK OPENINGS LARGER THAN DOOR FRAMING: ATTACH ADDITIONAL 2X FRAMING TO THE BLOCK WALL USING 1/4\"/>



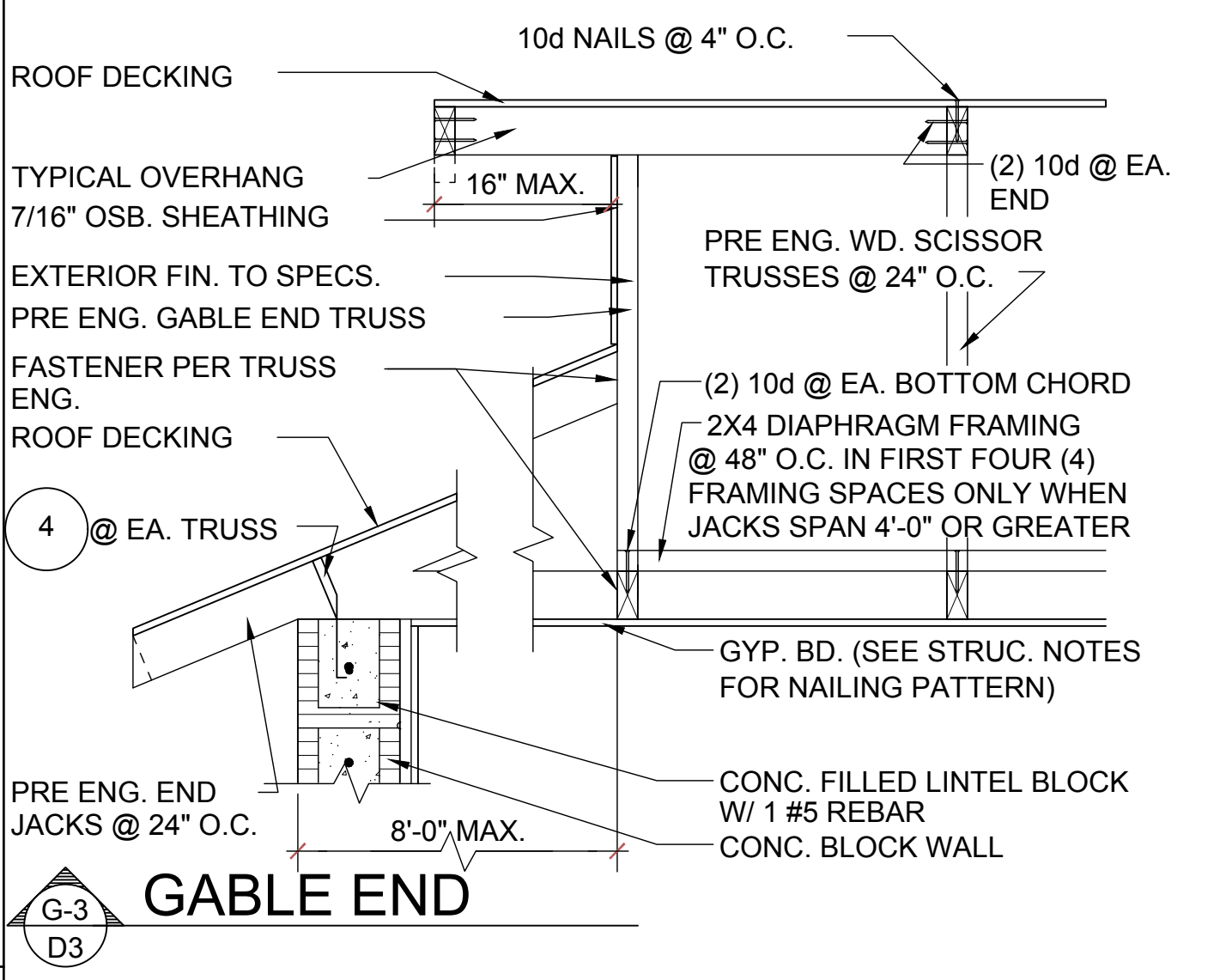
NON-BEARING



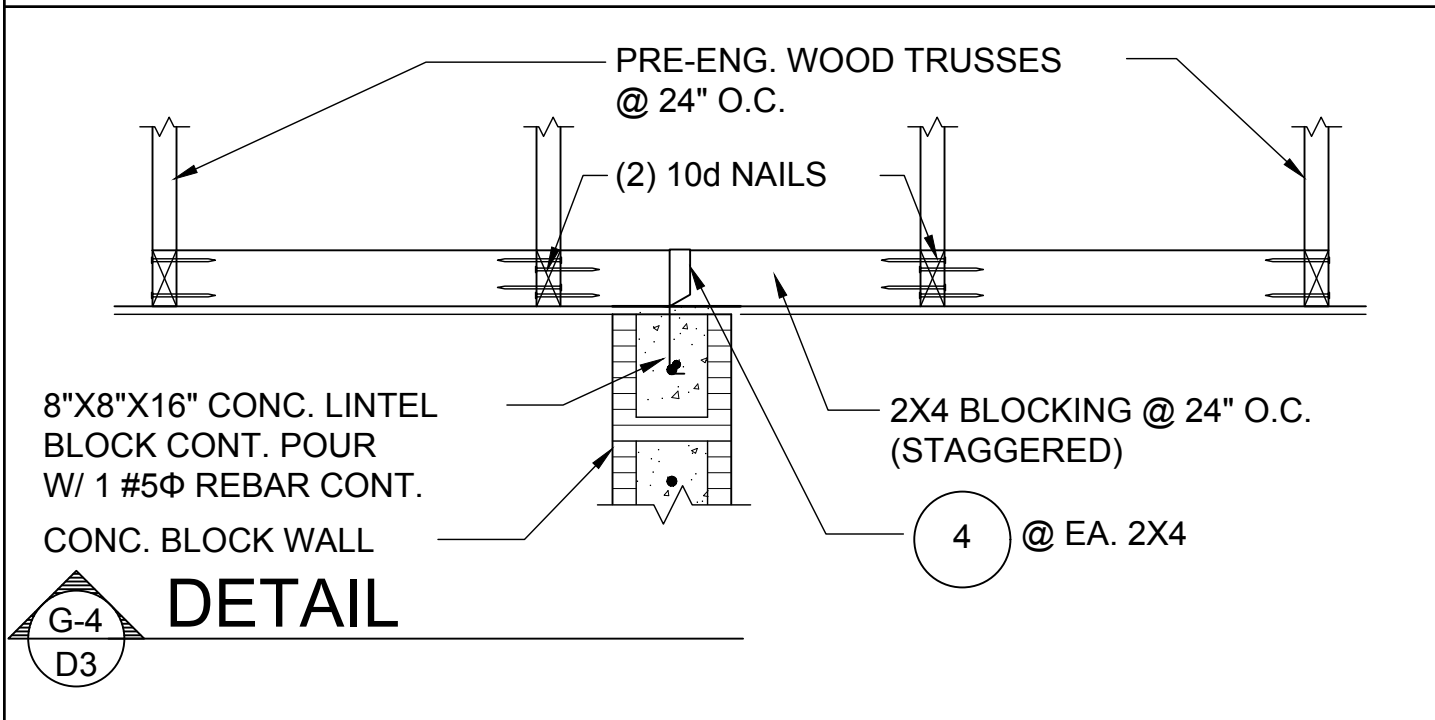
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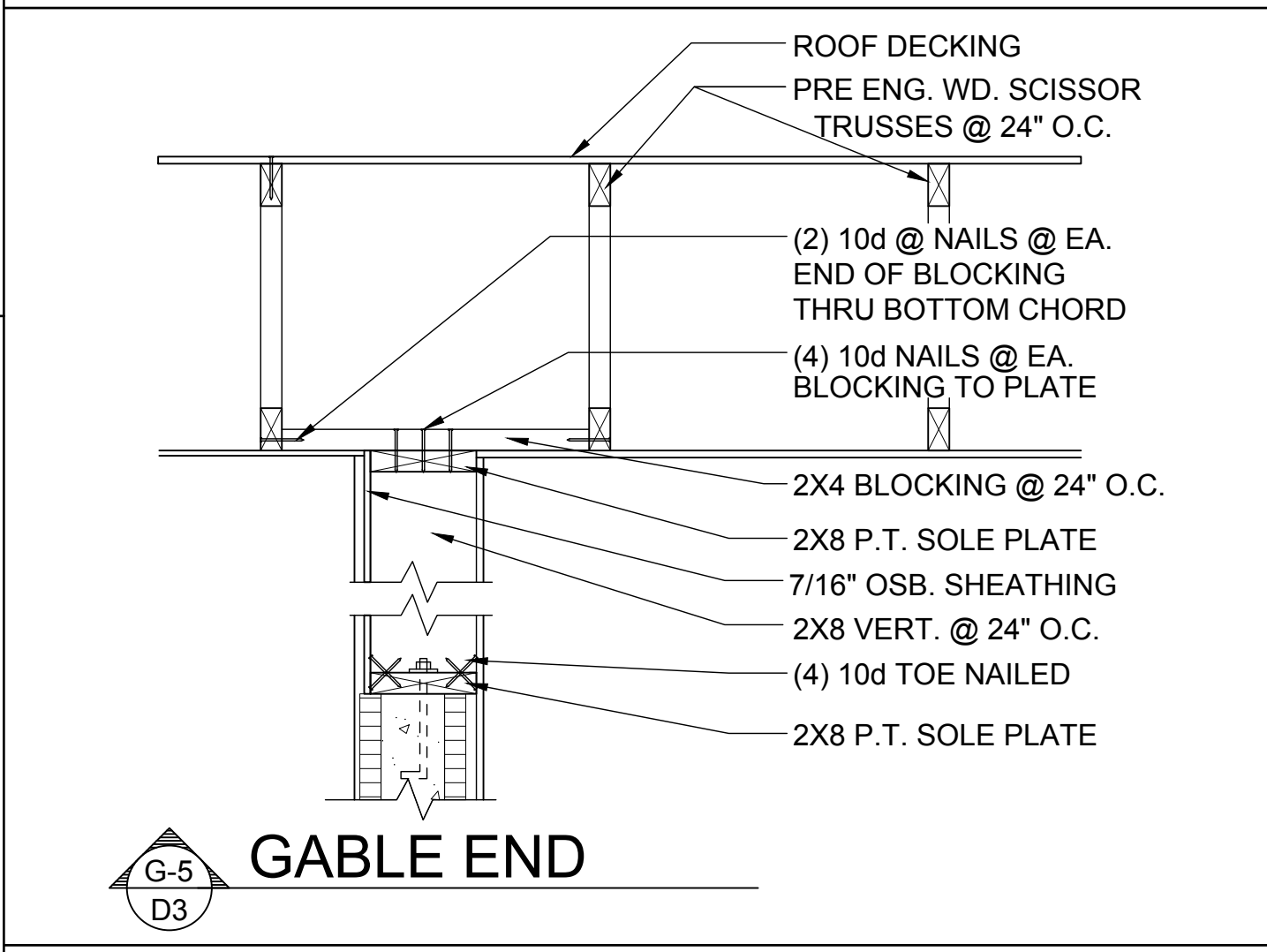
RIDGE DETAIL



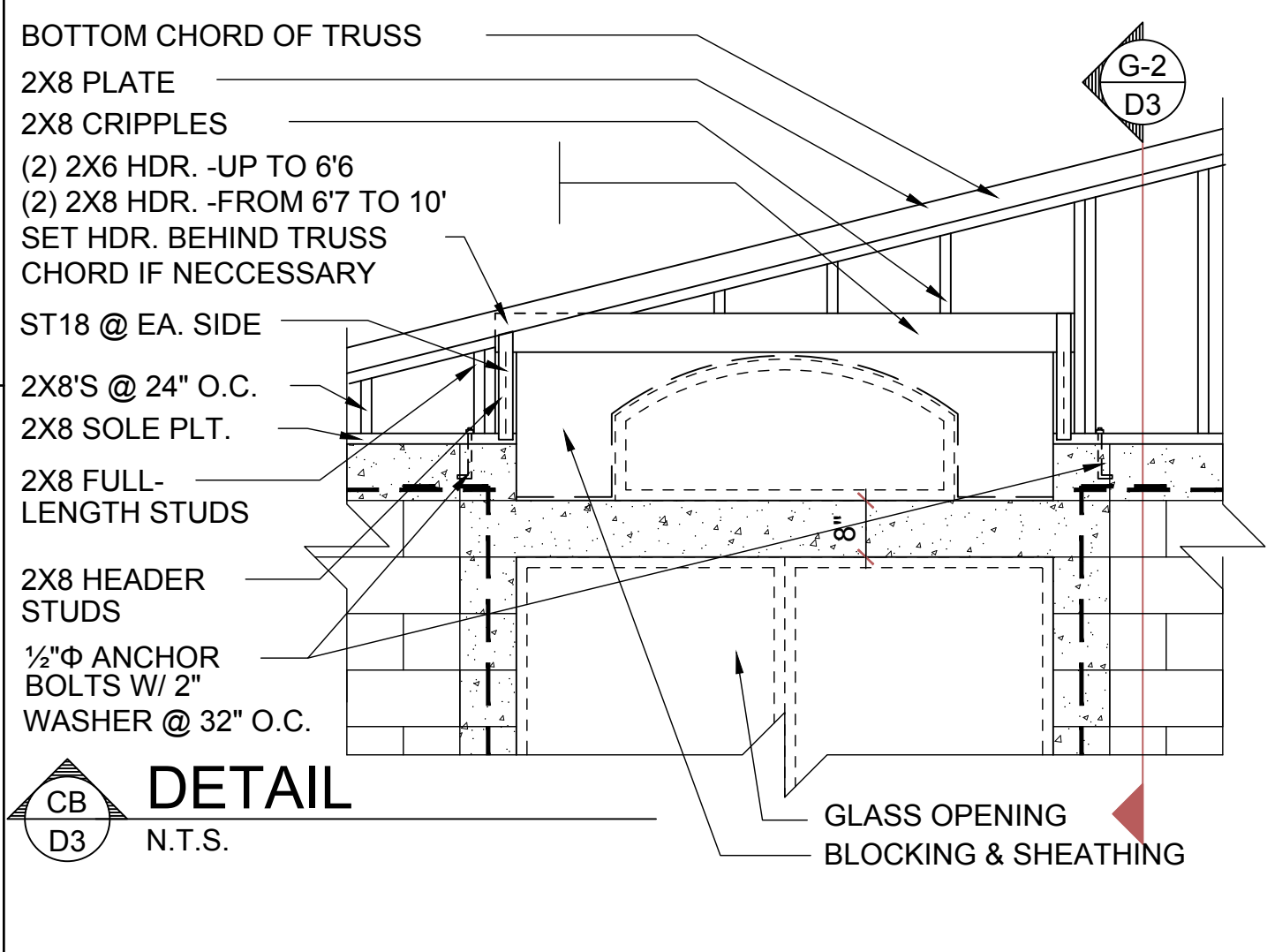
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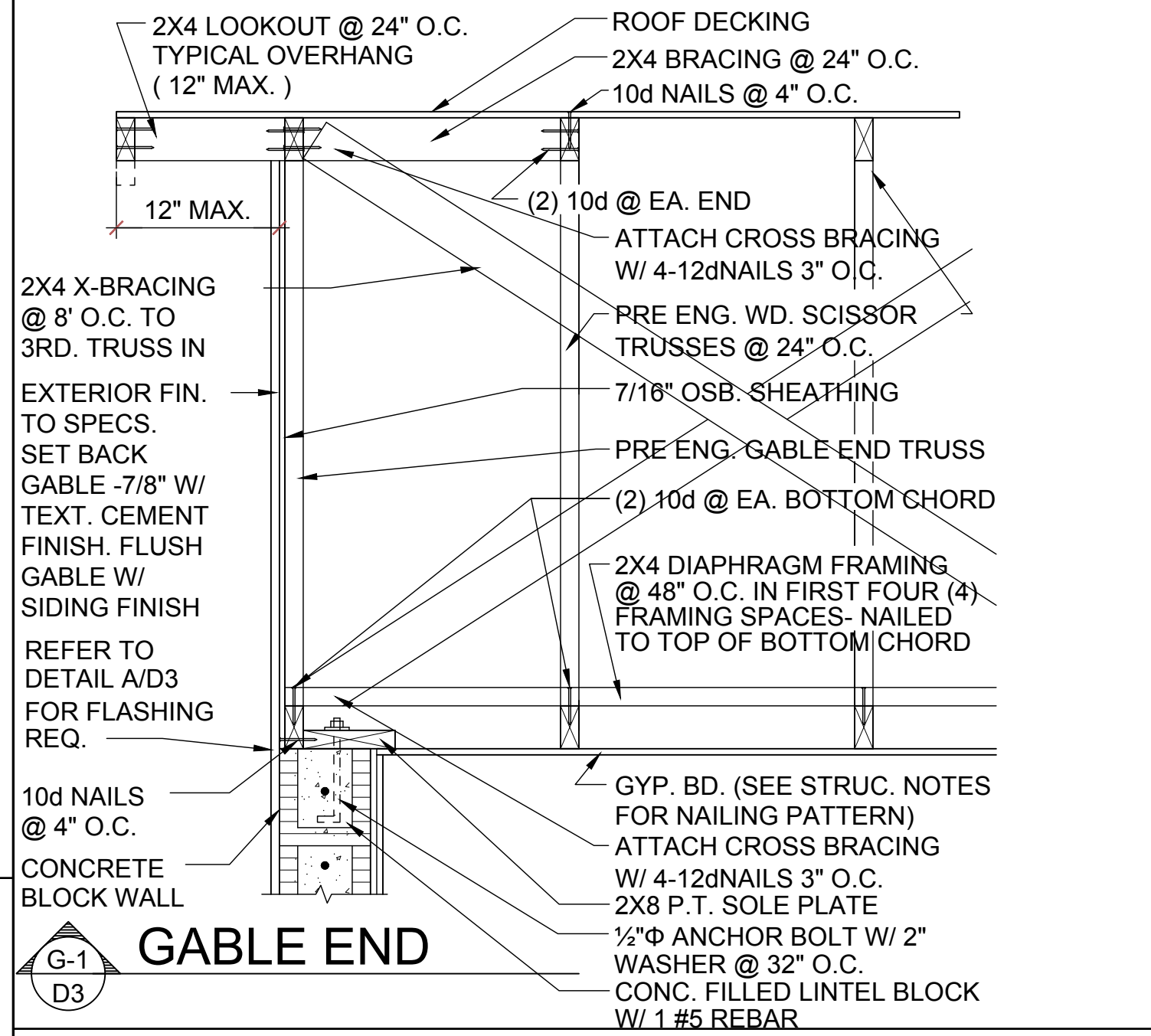
DETAIL



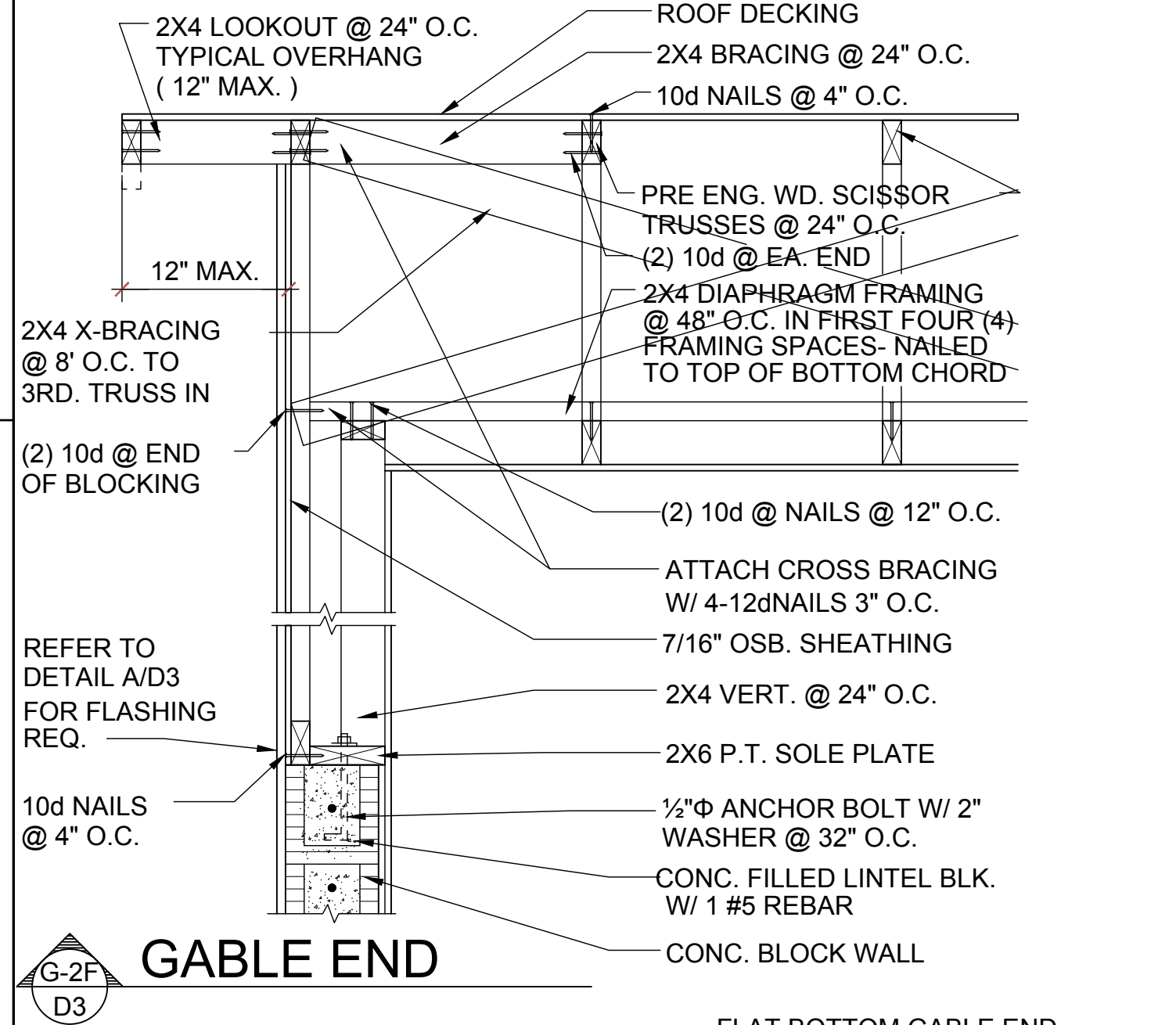
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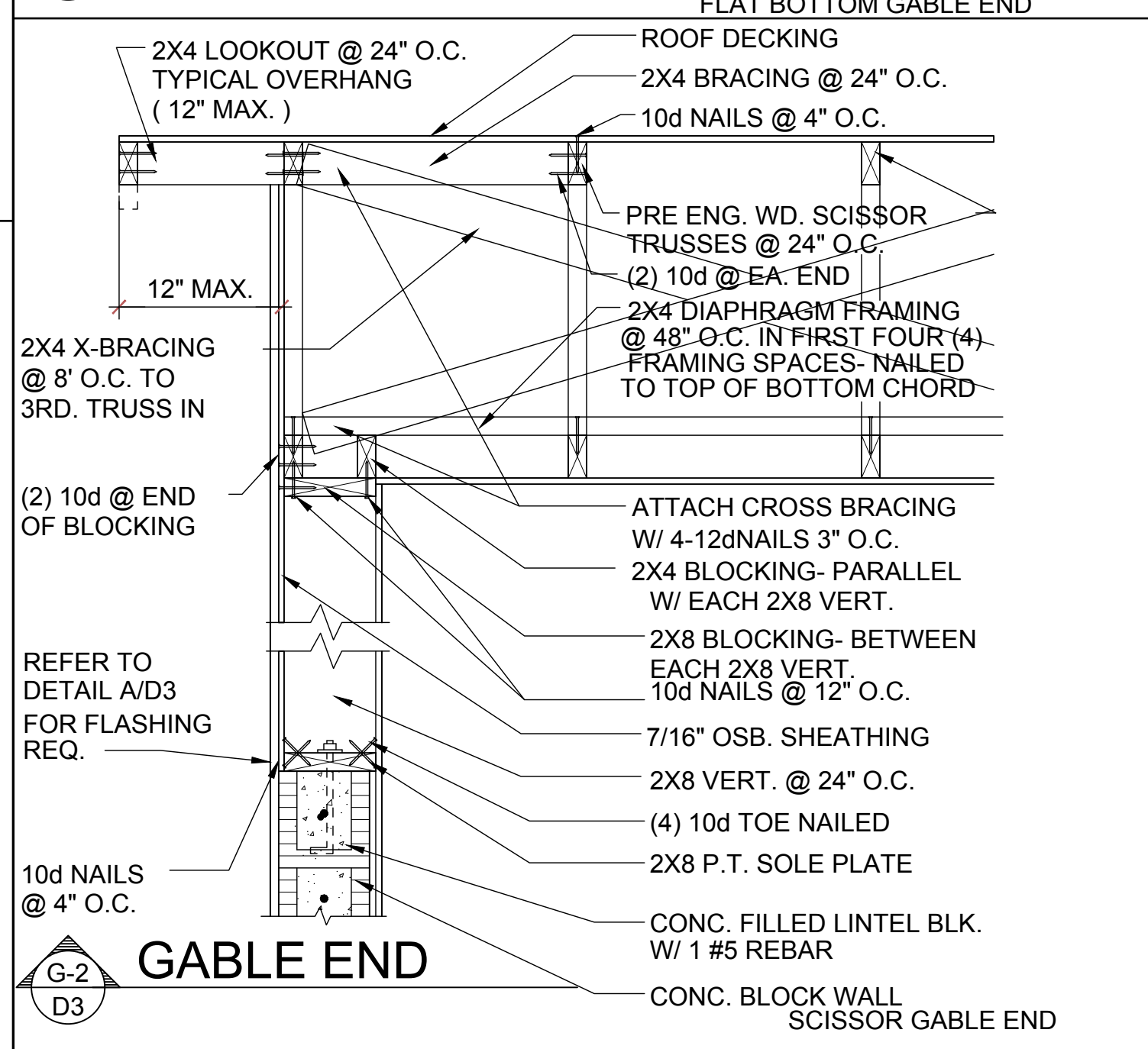
DETAIL



GABLE END



GABLE END



GABLE END

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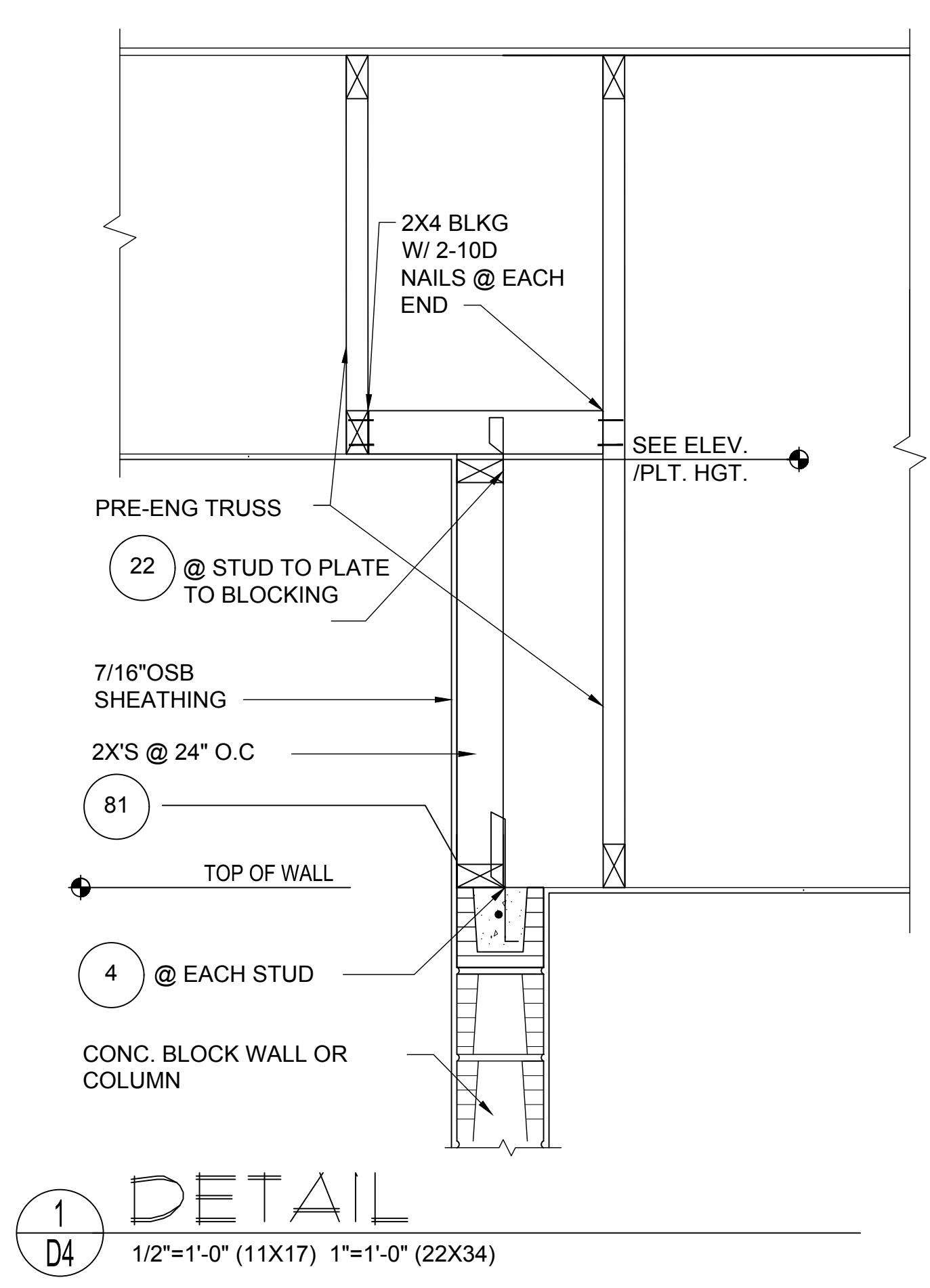
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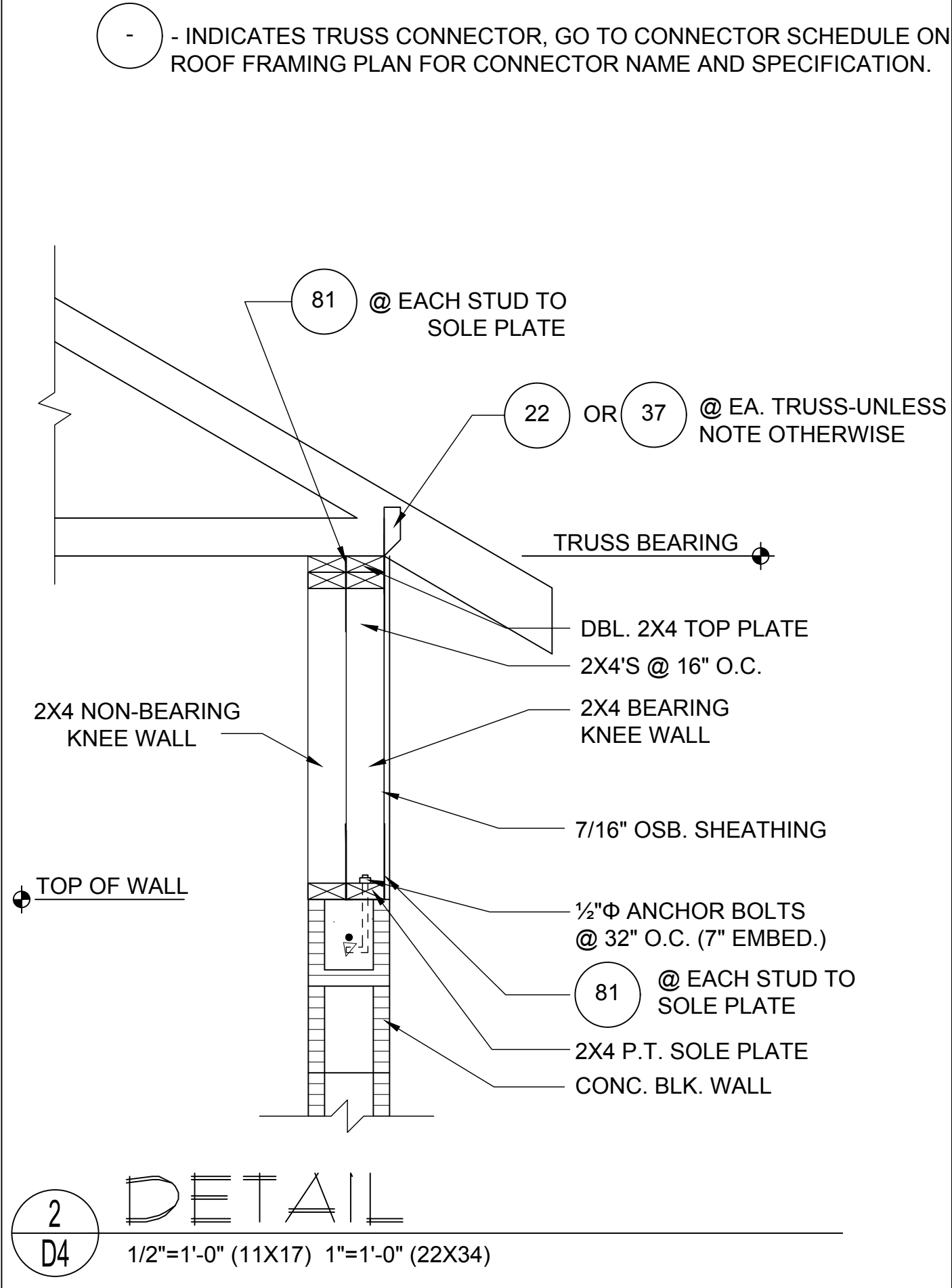
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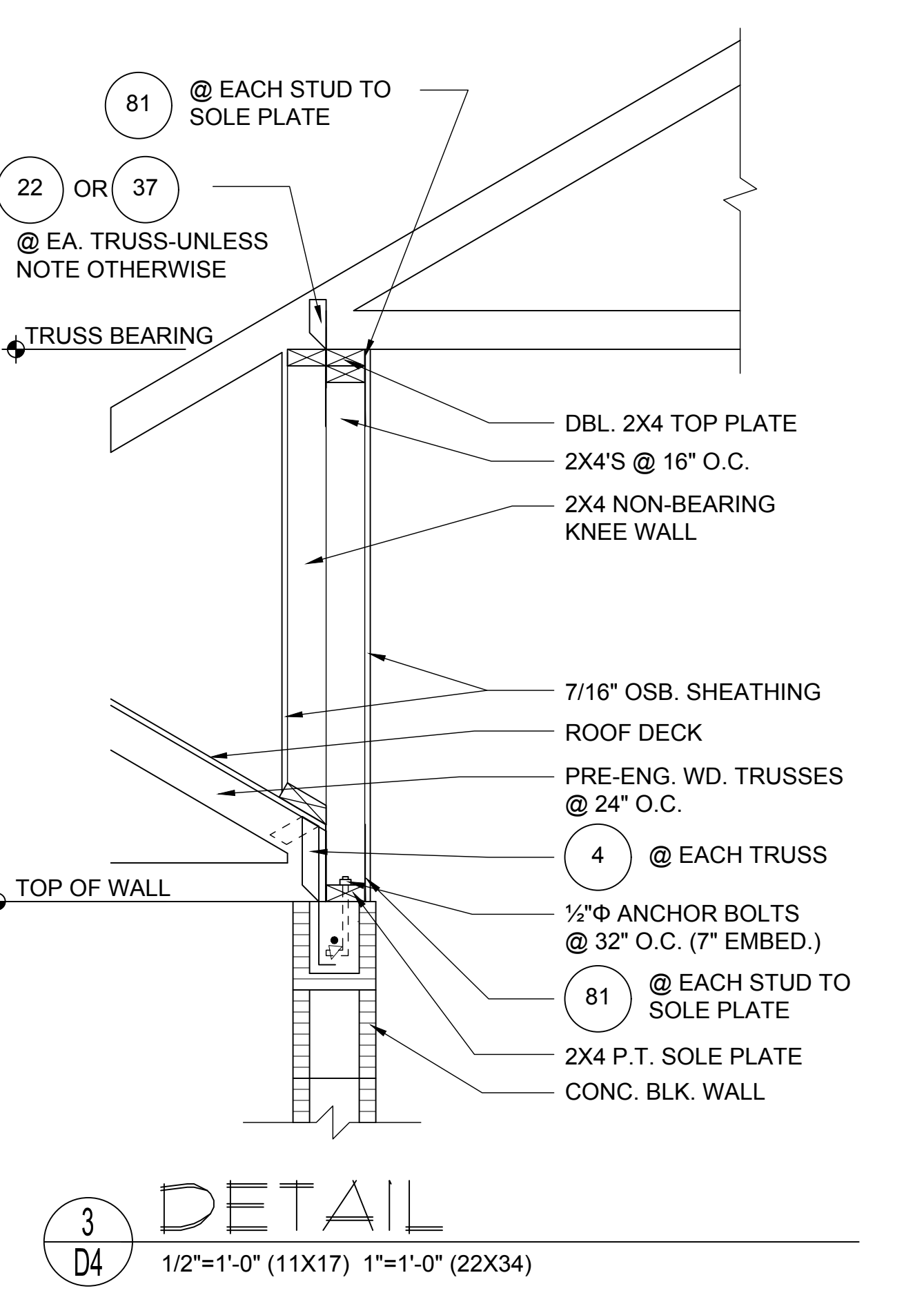
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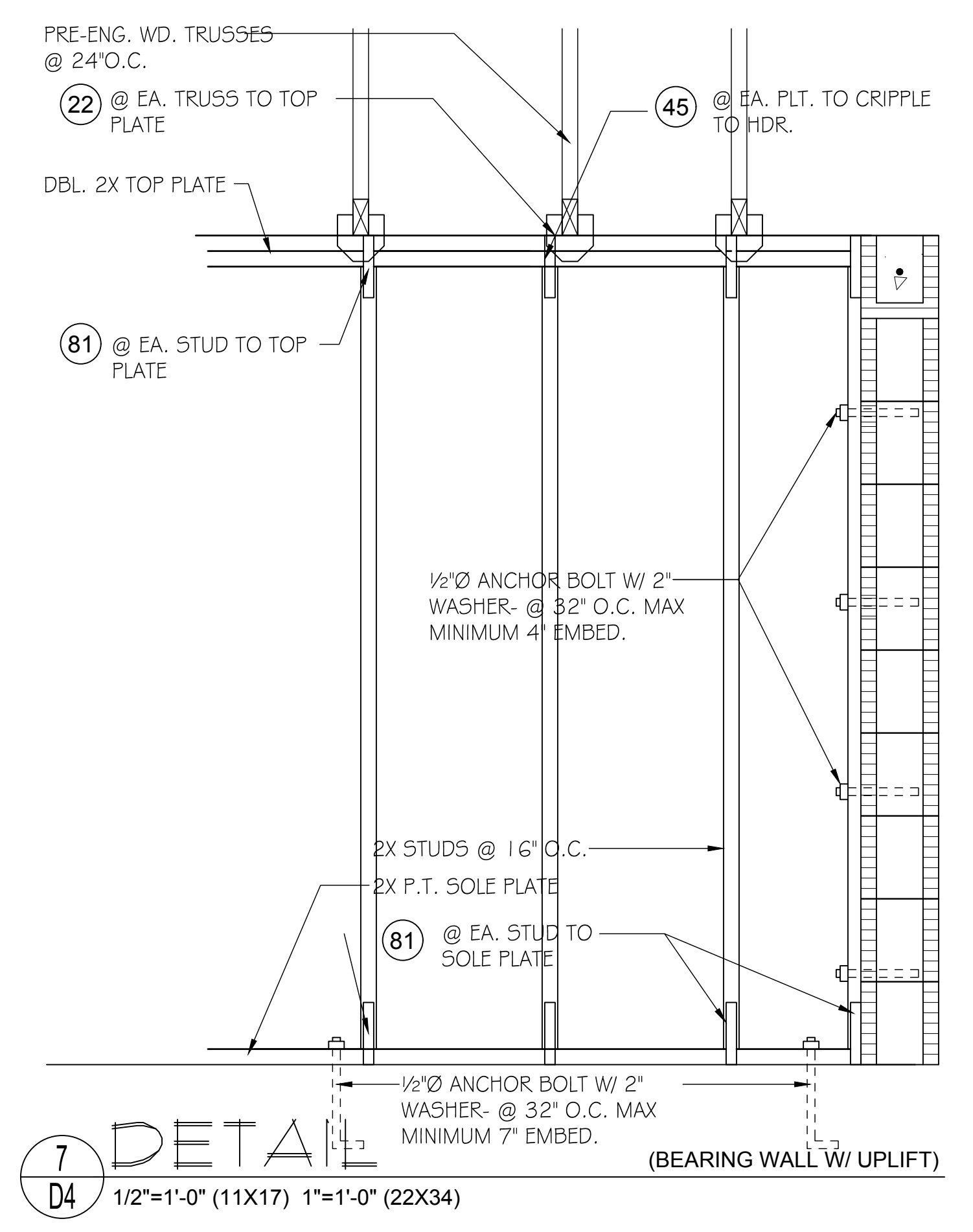
1 DETAIL
D4 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



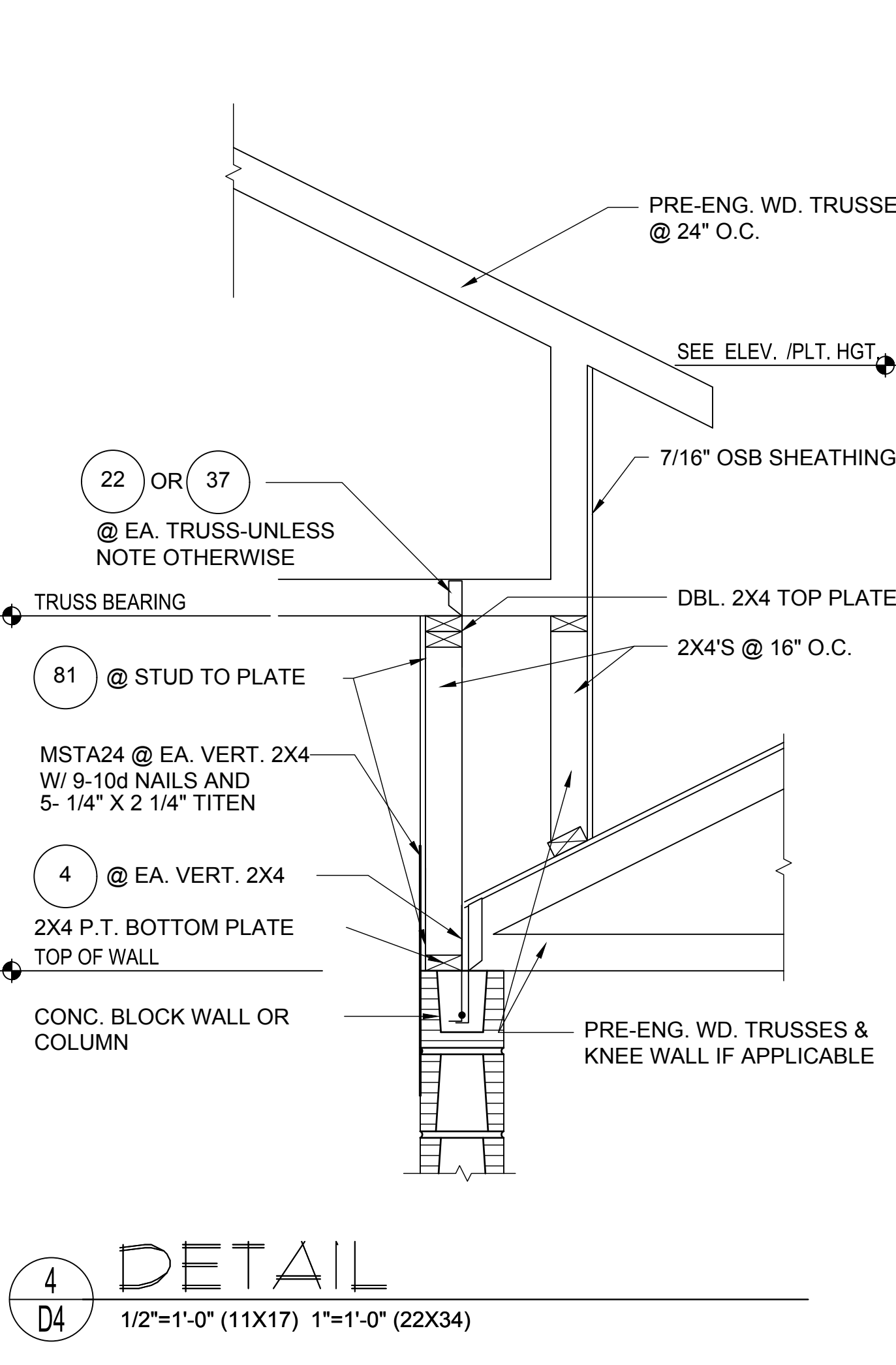
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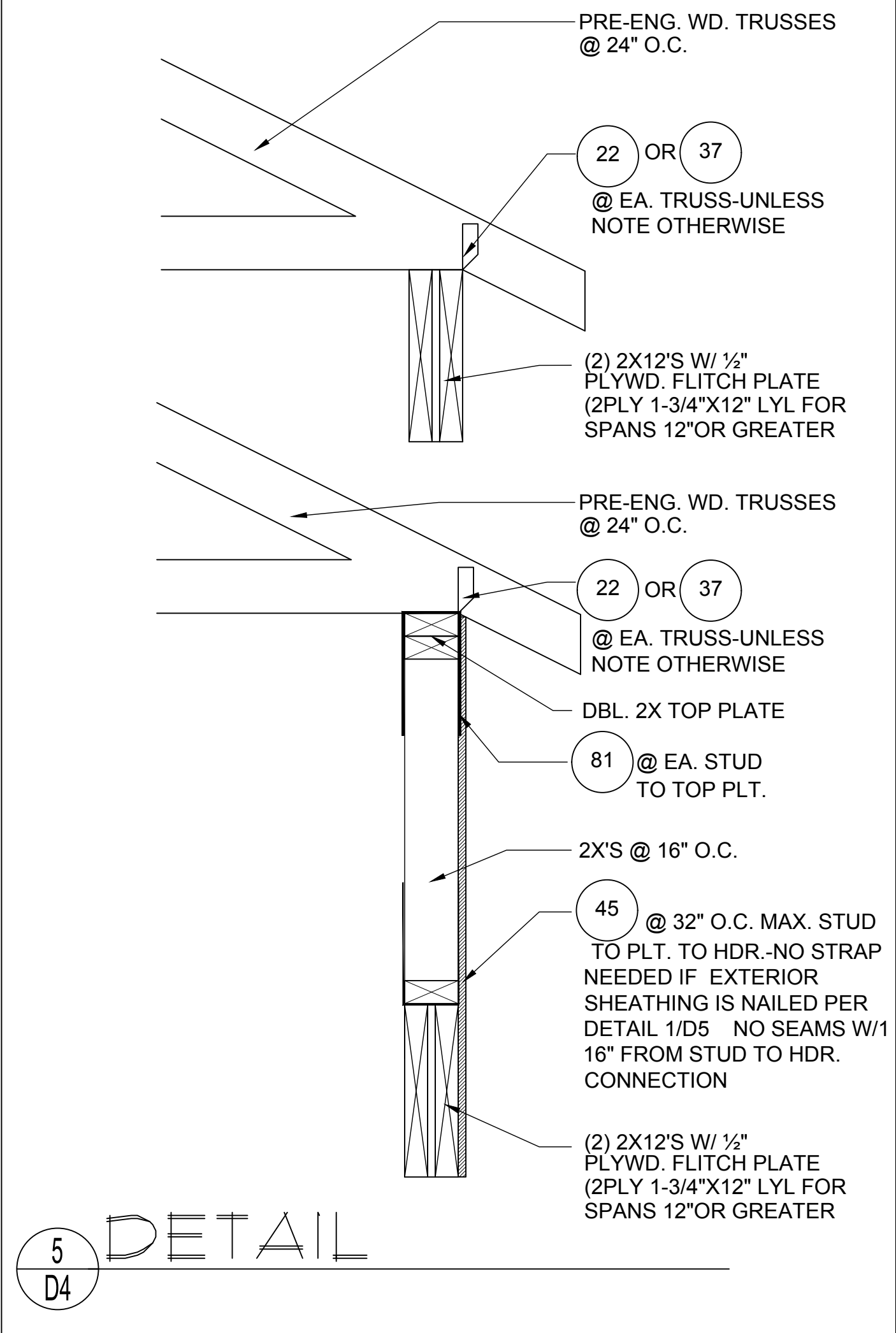
3 DETAIL
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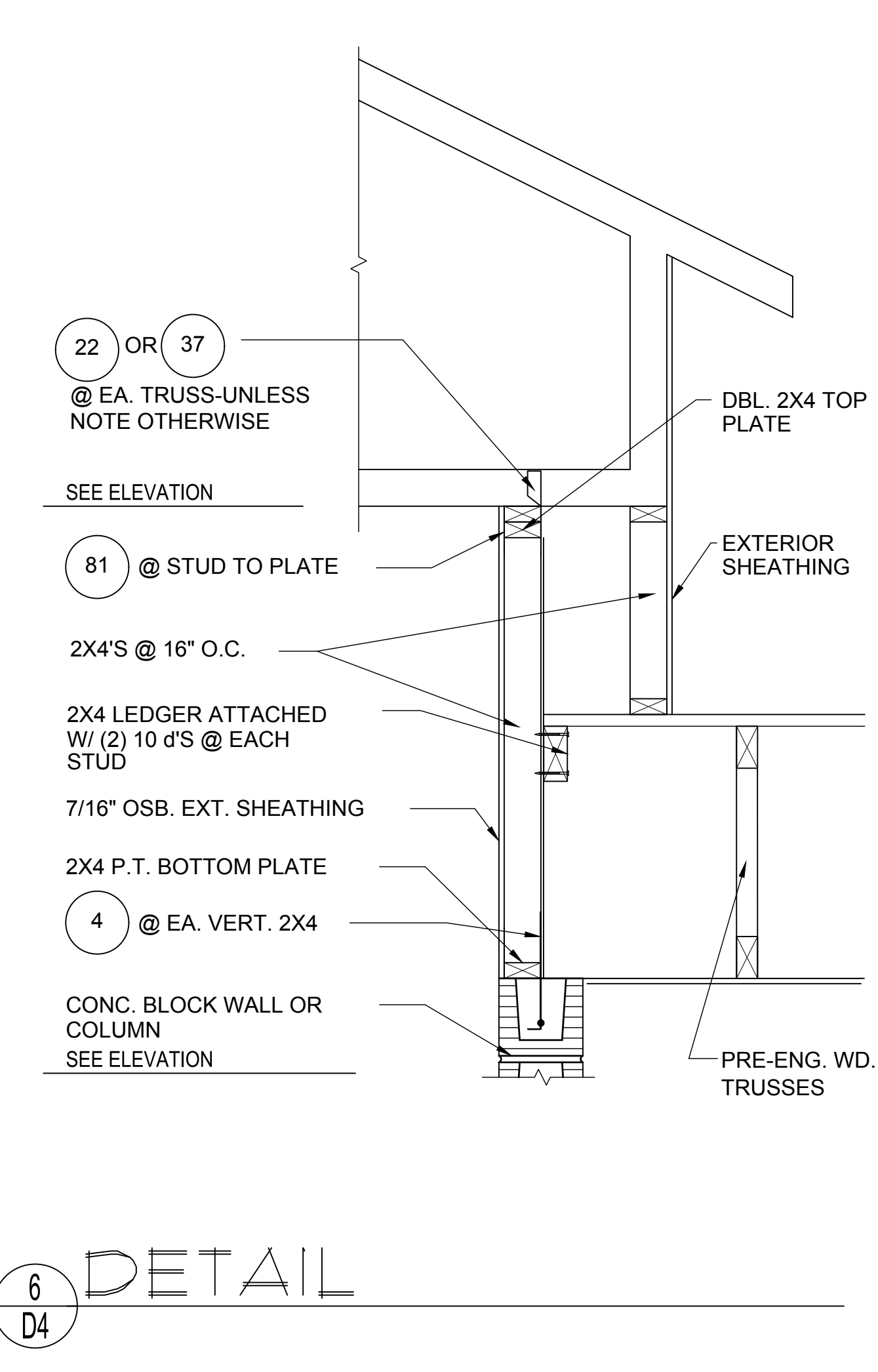
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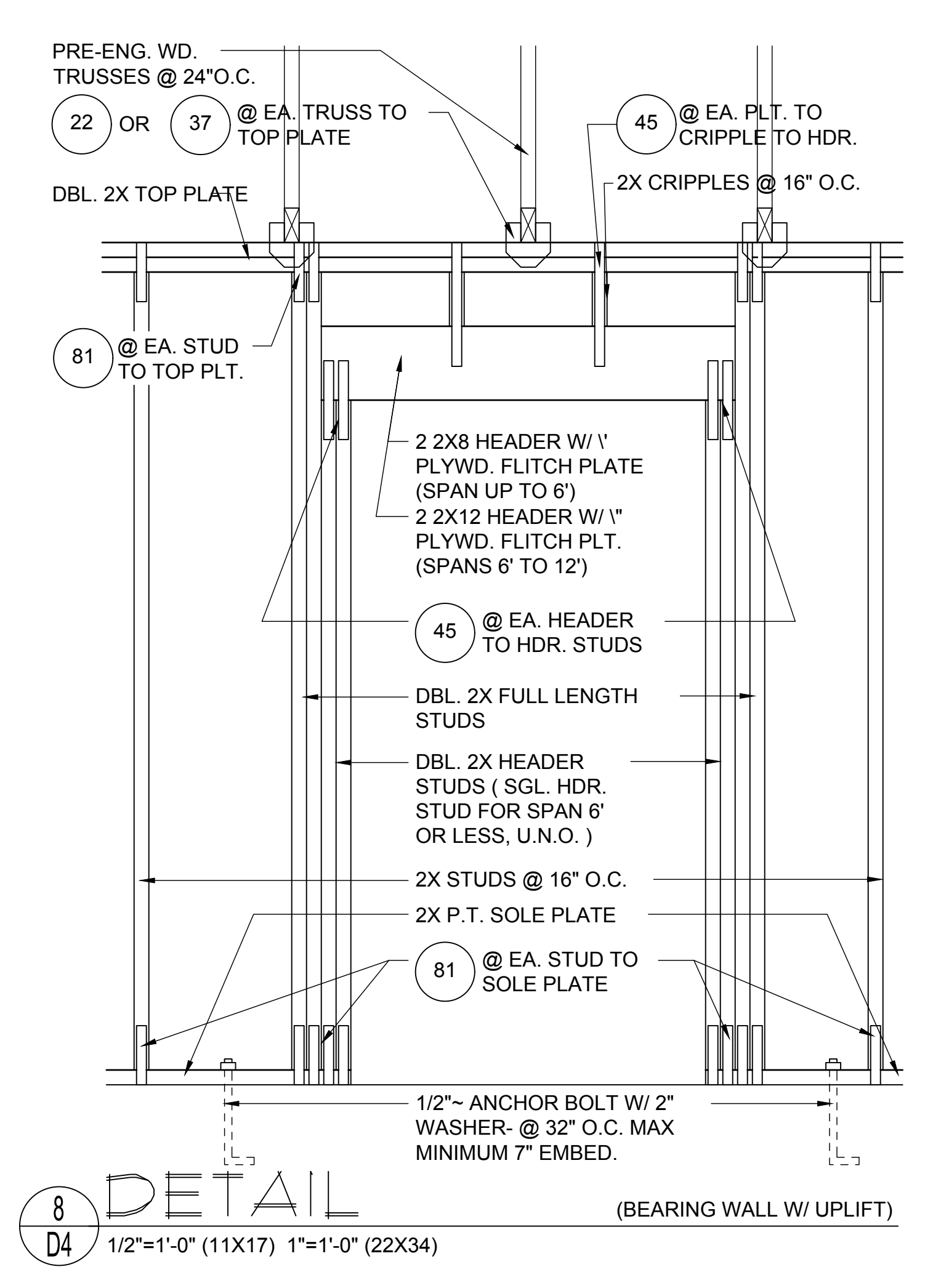
4 DETAIL
D4 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



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



6 DETAIL
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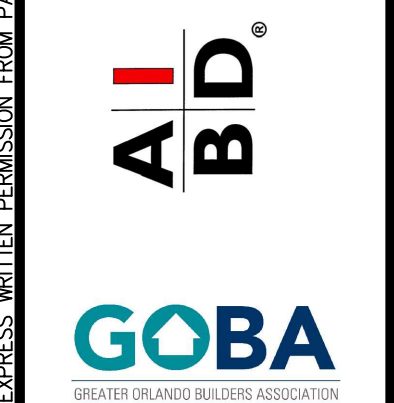


8 DETAIL
D4 1/2"=1'-0" (11X17) 1"=1'-0" (22X34)



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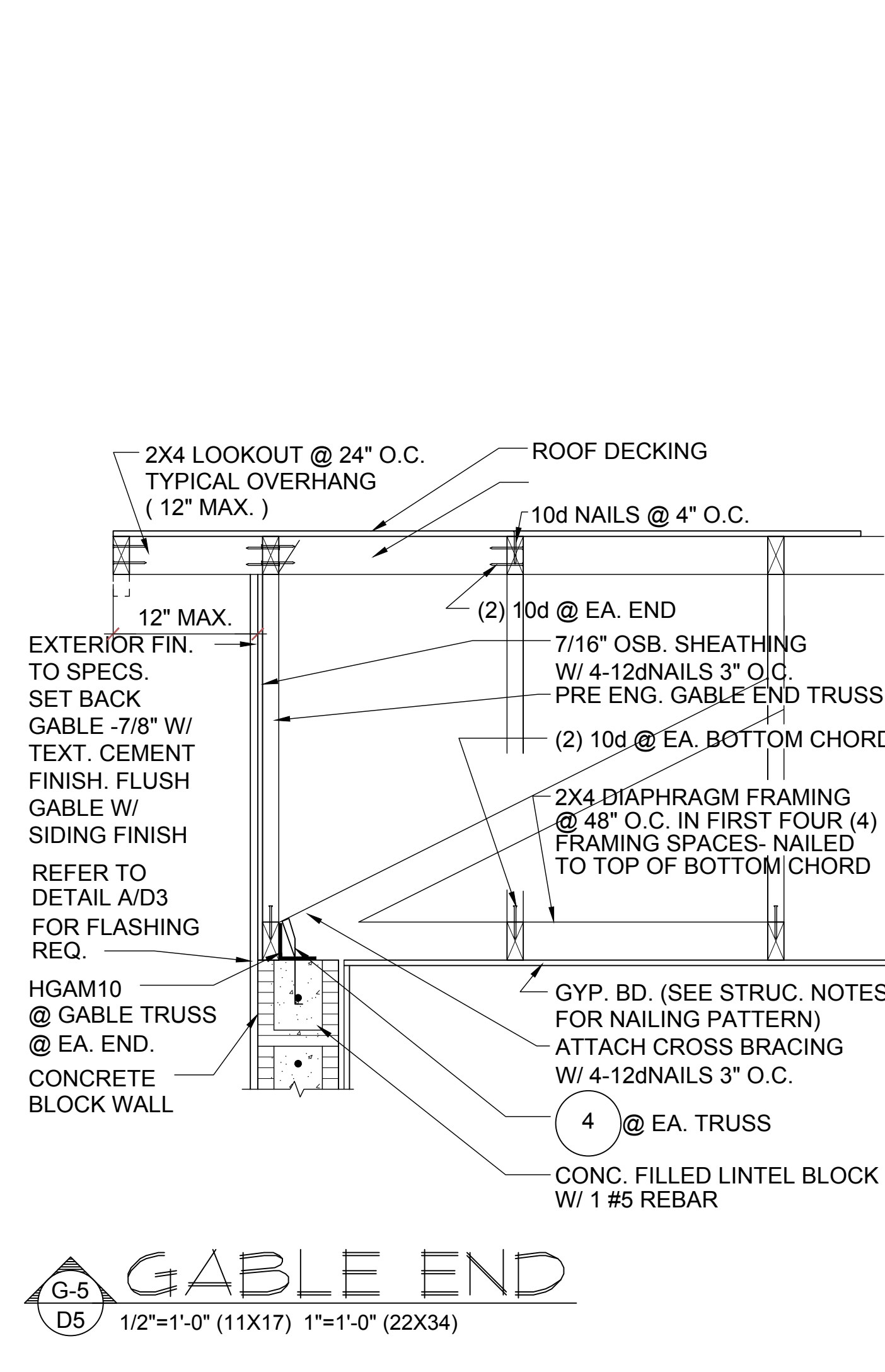
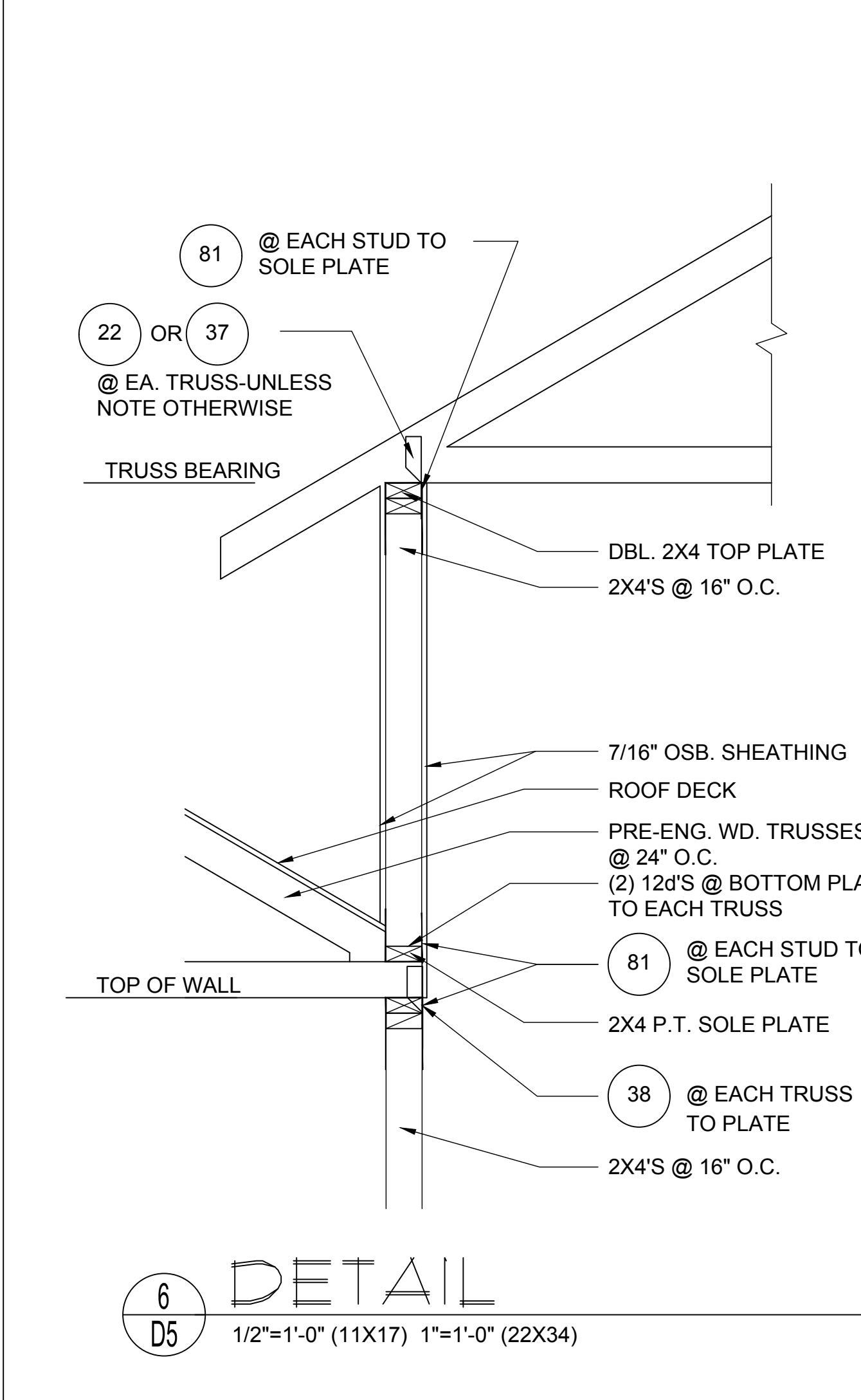
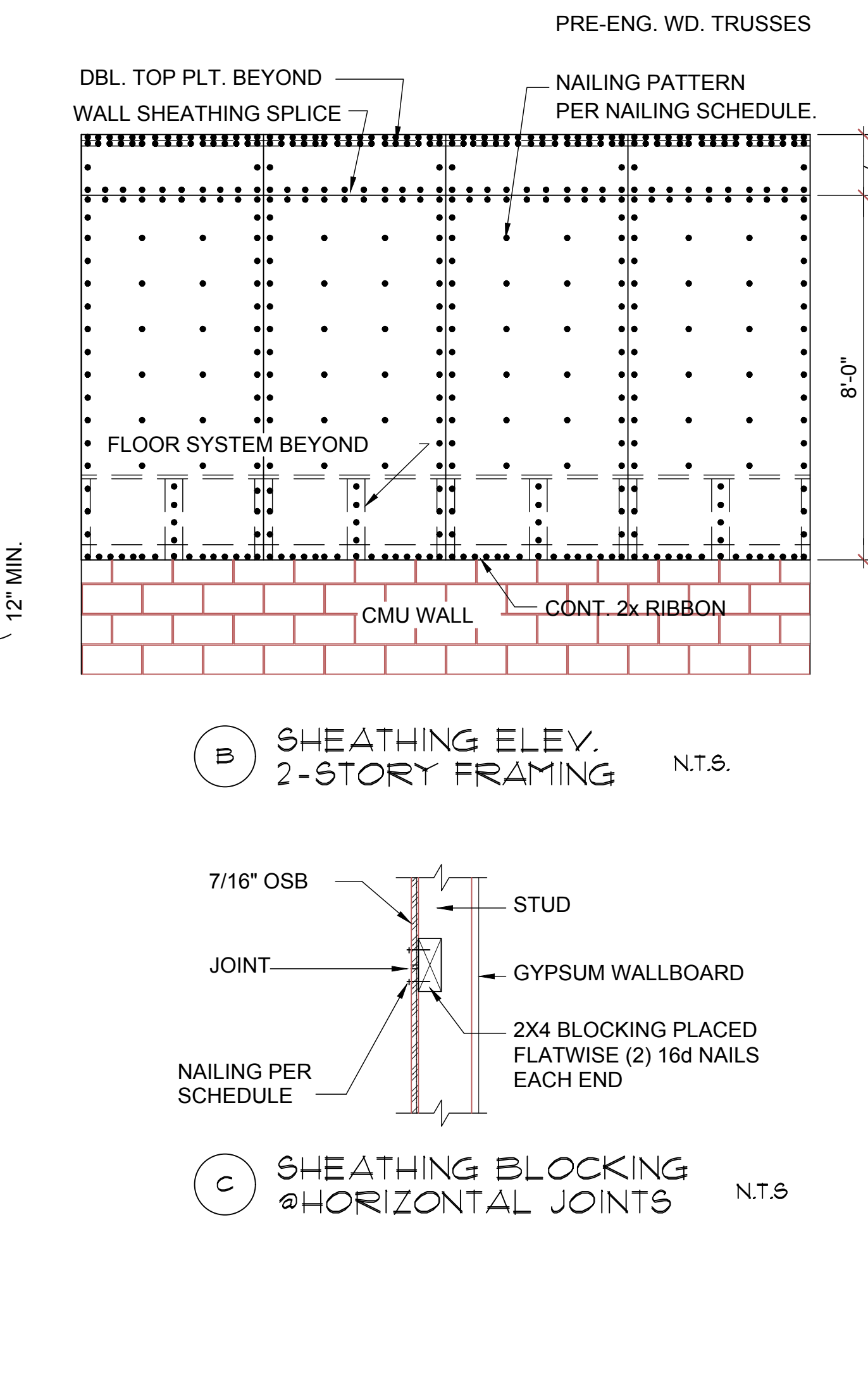
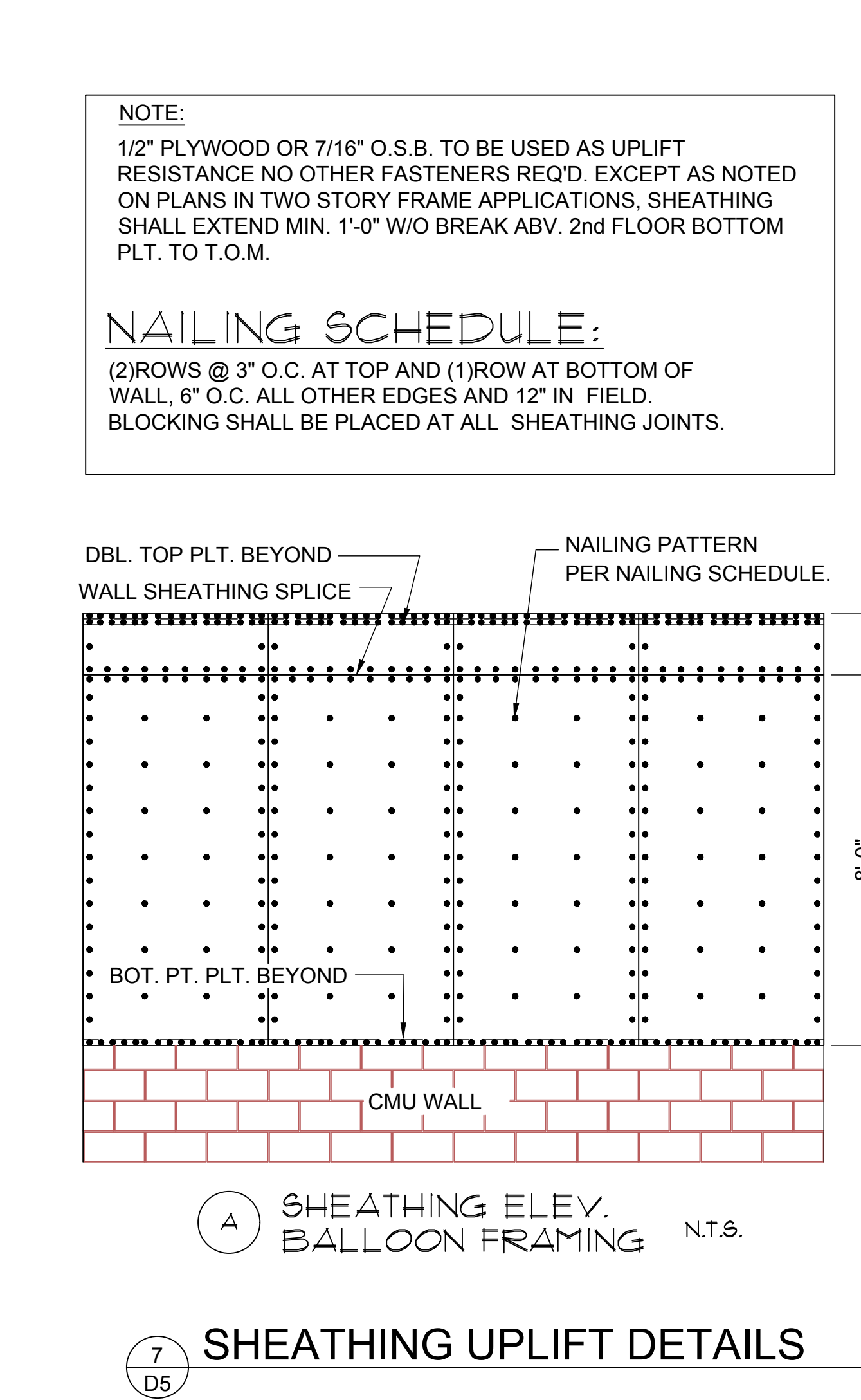
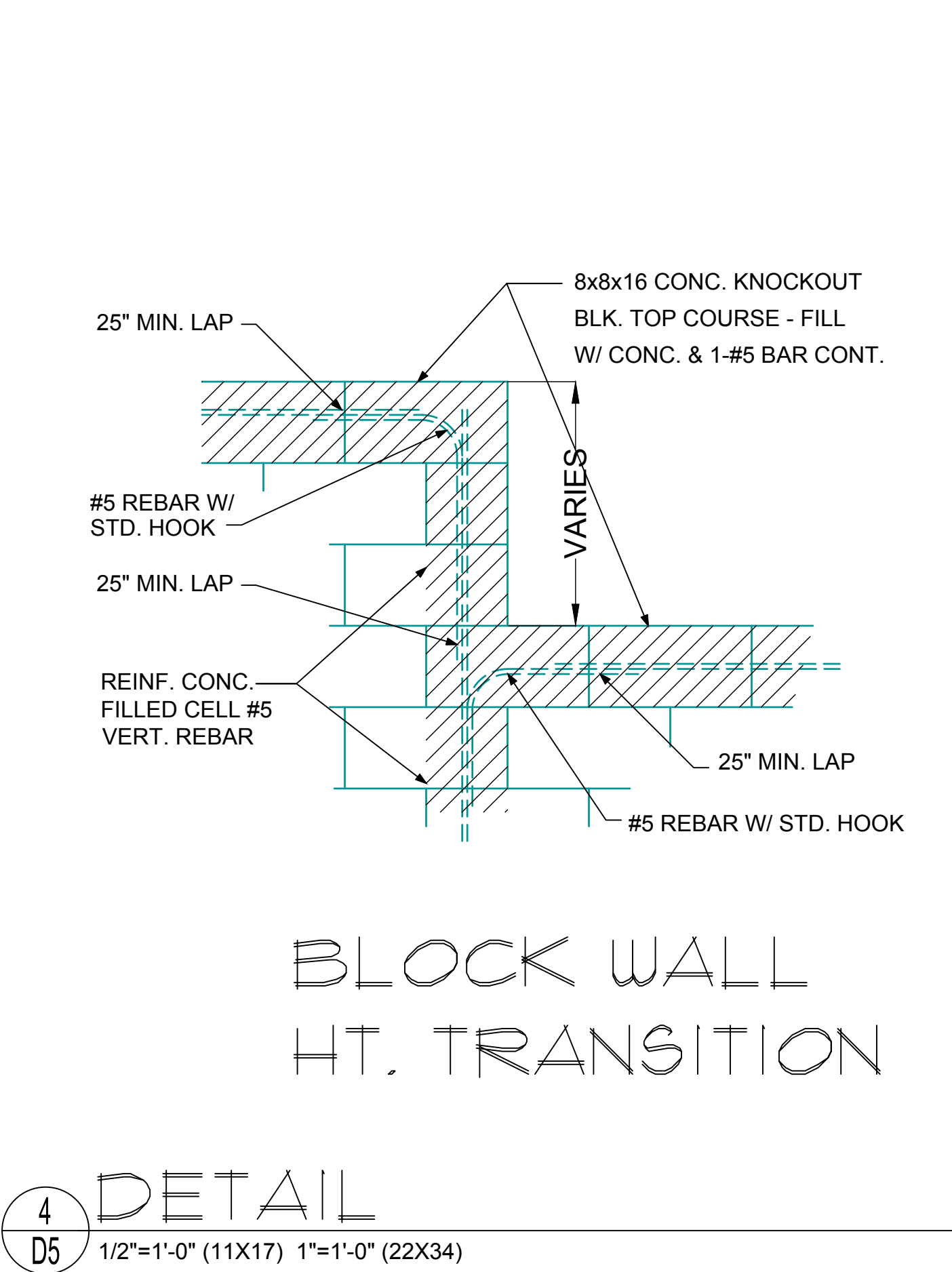
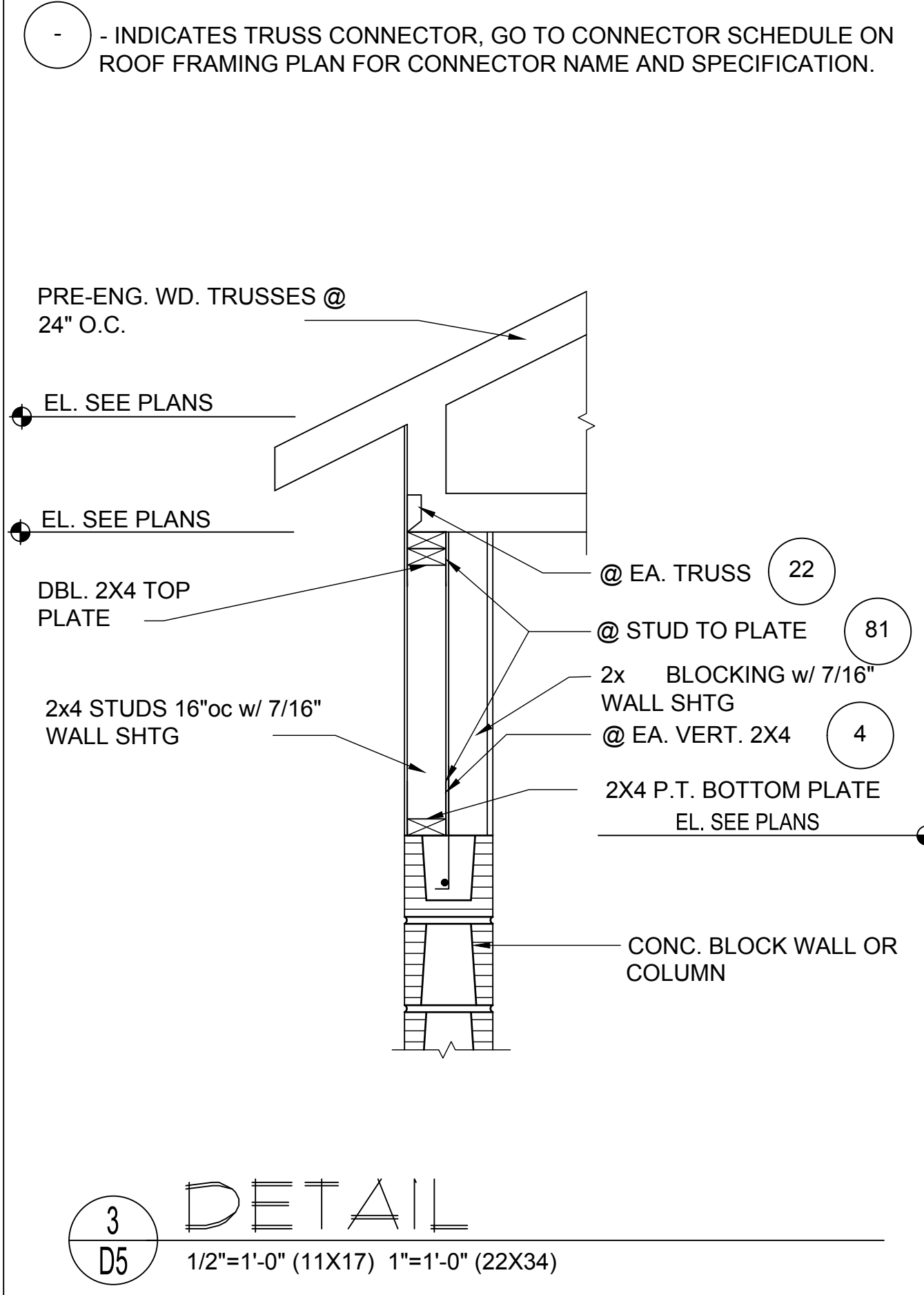
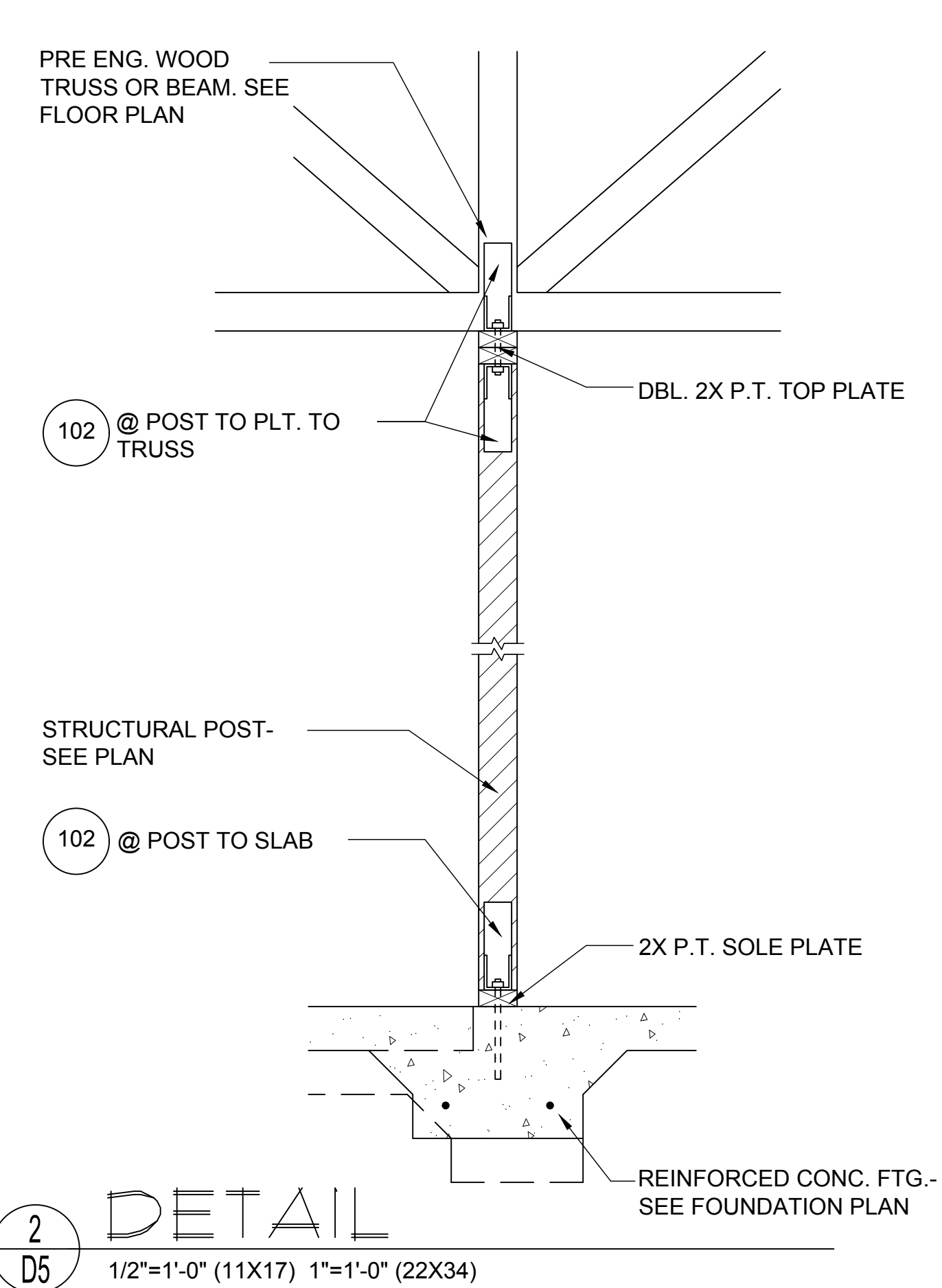
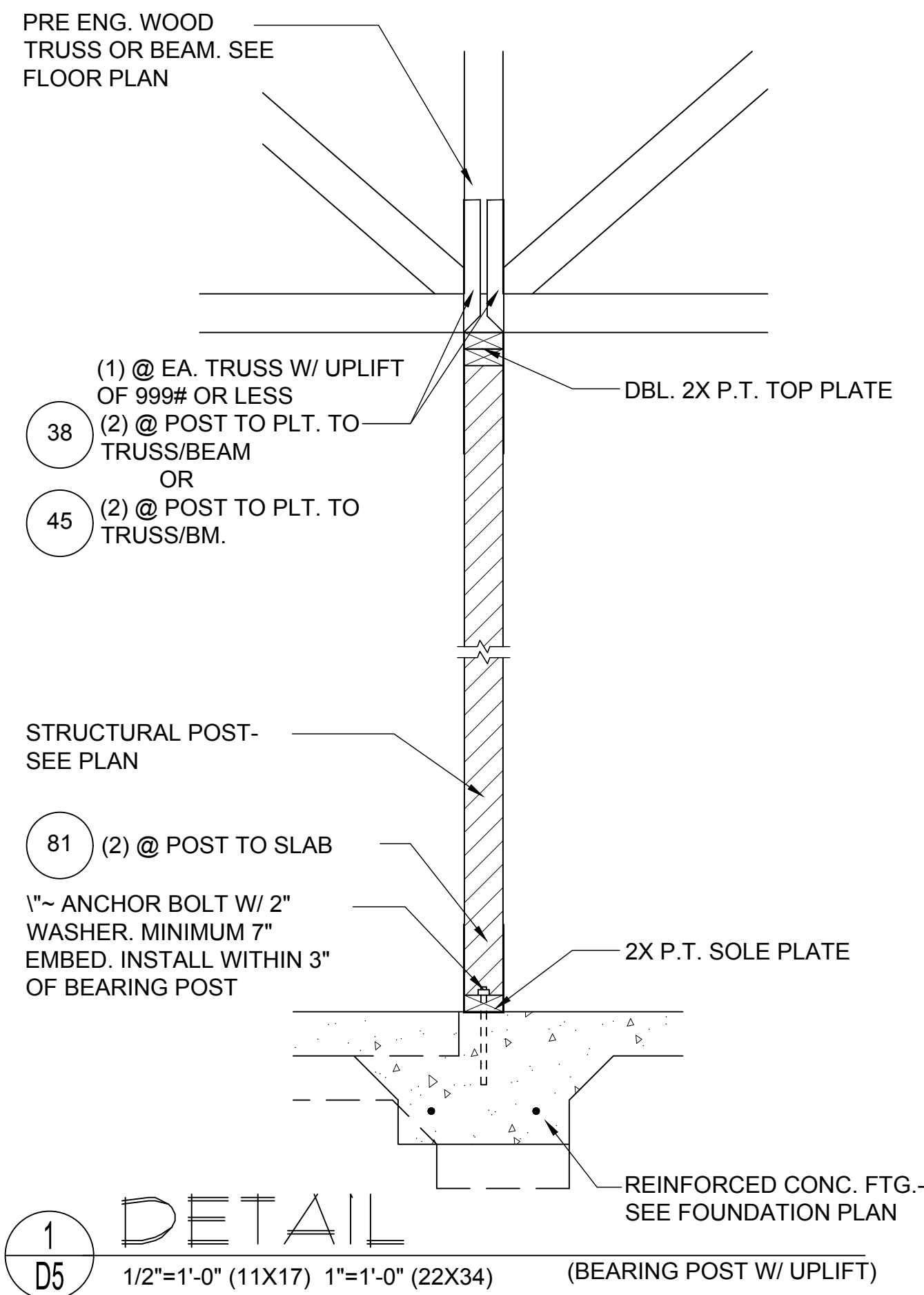
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