

CEDAR

DIV-COMM-LOT-UNIT -----		
COMM-LOT -----		
STREET ADDRESS -----		APT. NO. -----
CITY -----	STATE -----	ZIP -----

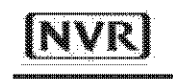


NVR, Inc.
5285 Westview Drive, Suite 100
Frederick, MD 21703

	SLAB FOUNDATION												STANDARD DETAILS	
	STD. DWGS.													
COVER SHEET	CS-1													AD-1
ROOF VENT CALC'S	CA-1													DR-1
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														SEP-1
														SEP-2
														SEP-3
														SEP-4
														SP-1
														SP-2
														SP-3
														ST-1
														WB-2
														WD-1
														WS-1
														WS-1b

FIRST FLOOR SQUARE FOOTAGE	
DESCRIPTION	TOTAL SQ. FT.
1ST FLOOR (BASE SF)	183 SF
	183 SF
SECOND FLOOR SQUARE FOOTAGE	
DESCRIPTION	TOTAL SQ. FT.
2ND FLOOR (BASE SF)	1120 SF
	1120 SF
GARAGE SQUARE FOOTAGE	
DESCRIPTION	TOTAL SQ. FT.
TWO CAR FRONT ENTRY GARAGE	347 SF
	347 SF
TOTAL FINISHED SQUARE FOOTAGE	
DESCRIPTION	TOTAL SQ. FT.
1ST FLOOR (BASE SF)	183 SF
2ND FLOOR (BASE SF)	1120 SF
	1403 SF

V:\As-Sold\2-Jobs\ASD\2021 2nd Half-Complete\RLF\DETACHED\CEDAR_CDROO_01\ELC_R_06_0140\CS-1_COVERSHEET.dwg 10/05/21 - 8:04 am



ROOF VENTILATION CALCULATIONS

HOUSE NAME	CEDAR	USER GUIDE	YES	NO	VENT OK	No action req'd.
HOUSE VERSION	CDR00_01		NO	YES	OK VENT OK	No action req'd.
PRODUCT LINE	RYANHOMES		NO	YES	LOW FAN	Increase ridge
VENTILATION VALUES	SQFT: 5.0 sq ft of vent per ft ²		NO	YES	HIGH FAN	Decrease ridge
	RS: 15 sq ft of vent per ft ²		NO	NO	FAN	Increase total vent
	R00: 0.5 sq ft of vent per sq ft					

ELEVATION "A or F or K"											
Location / Option	Area (sq ft)	Req'd Vent (sq ft)	Actual Vent (sq ft)	Diff (sq ft)	Notes	Upper Rise / Lower Rise (ft)	Upper Rise (ft)	Lower Rise (ft)	Ratio	OK A/F/K	OK A/F/K
Main House Roof	11100	55500	55500	0		13	13	13	1.00	YES	YES
Garage Roof	13800	69000	69000	0		13	13	13	1.00	YES	YES

ELEVATION "B or L"											
Location / Option	Area (sq ft)	Req'd Vent (sq ft)	Actual Vent (sq ft)	Diff (sq ft)	Notes	Upper Rise / Lower Rise (ft)	Upper Rise (ft)	Lower Rise (ft)	Ratio	OK A/F/K	OK A/F/K
Main House Roof	11100	55500	55500	0		13	13	13	1.00	YES	YES
Garage Roof	13800	69000	69000	0		13	13	13	1.00	YES	YES



HOUSE VOLUME CALCULATIONS

HOUSE NAME	CEDAR
HOUSE VERSION	CDR00-01
PRODUCT LINE	RYANHOMES

Note: The volume of the structure has been computed in accordance with "Title 5. of the Community Affairs, Chapter 23. Uniform Construction Code, Subchapter 2. Administration and enforcement: Process." (5:23-2.28. Volume computation)

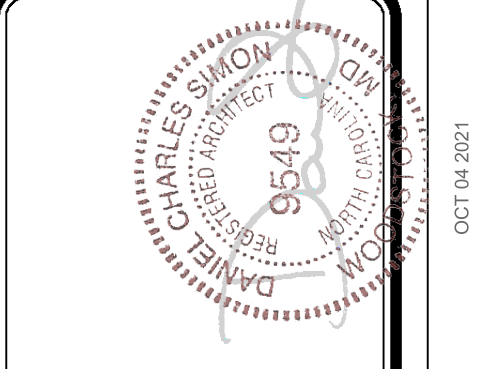
ELEVATION "X"			
Location / Area of house	Floor Area (sq. ft.)	Mean height (ft.)	Total volume (cu. Ft.)
Main section of the house			0
Garage bump out from main house			0
Porch on front of house			0
Total House Volume			0

ELEVATION "X"			
Location / Area of house	Floor Area (sq. ft.)	Mean height (ft.)	Total volume (cu. Ft.)
Main section of the house			0
Garage bump out from main house			0
Porch on front of house			0
Total House Volume			0

ELEVATION "X"			
Location / Area of house	Floor Area (sq. ft.)	Mean height (ft.)	Total volume (cu. Ft.)
Main section of the house			0
Garage bump out from main house			0
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Total House Volume			0

ELEVATION "X"			
Location / Area of house	Floor Area (sq. ft.)	Mean height (ft.)	Total volume (cu. Ft.)
Main section of the house			0
Garage bump out from main house			0
Porch on front of house			0
Total House Volume			0

Additional areas of volume to be added to total house volume as needed			
Location / Area of house / option	Floor Area (sq. ft.)	Mean height (ft.)	Total volume (cu. Ft.)
			0



DIV - COMM - LOT - UNIT

COMM - LOT

STREET ADDRESS

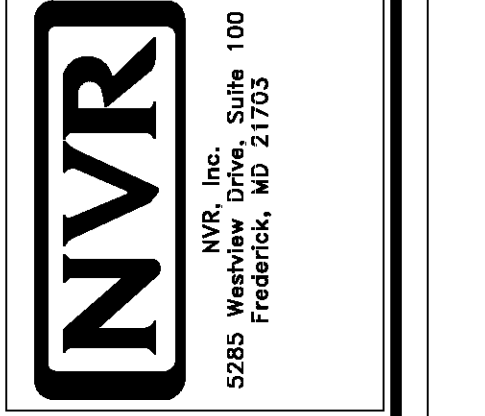
CITY

STATE

APT. NO.

ZIP

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SET NO. CDR00_01

VERSION 01

DRAWN BY

DATE

OPTION

SHEET NO. CA-1

MODEL CEDAR

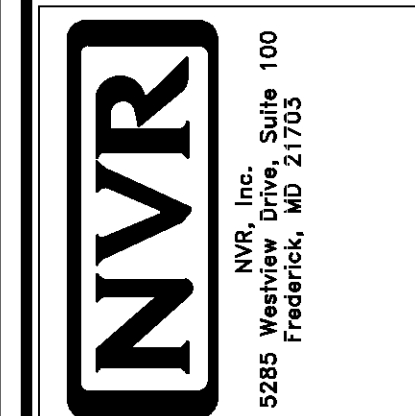
DRAWING TITLE

OPTION DESCRIPTION



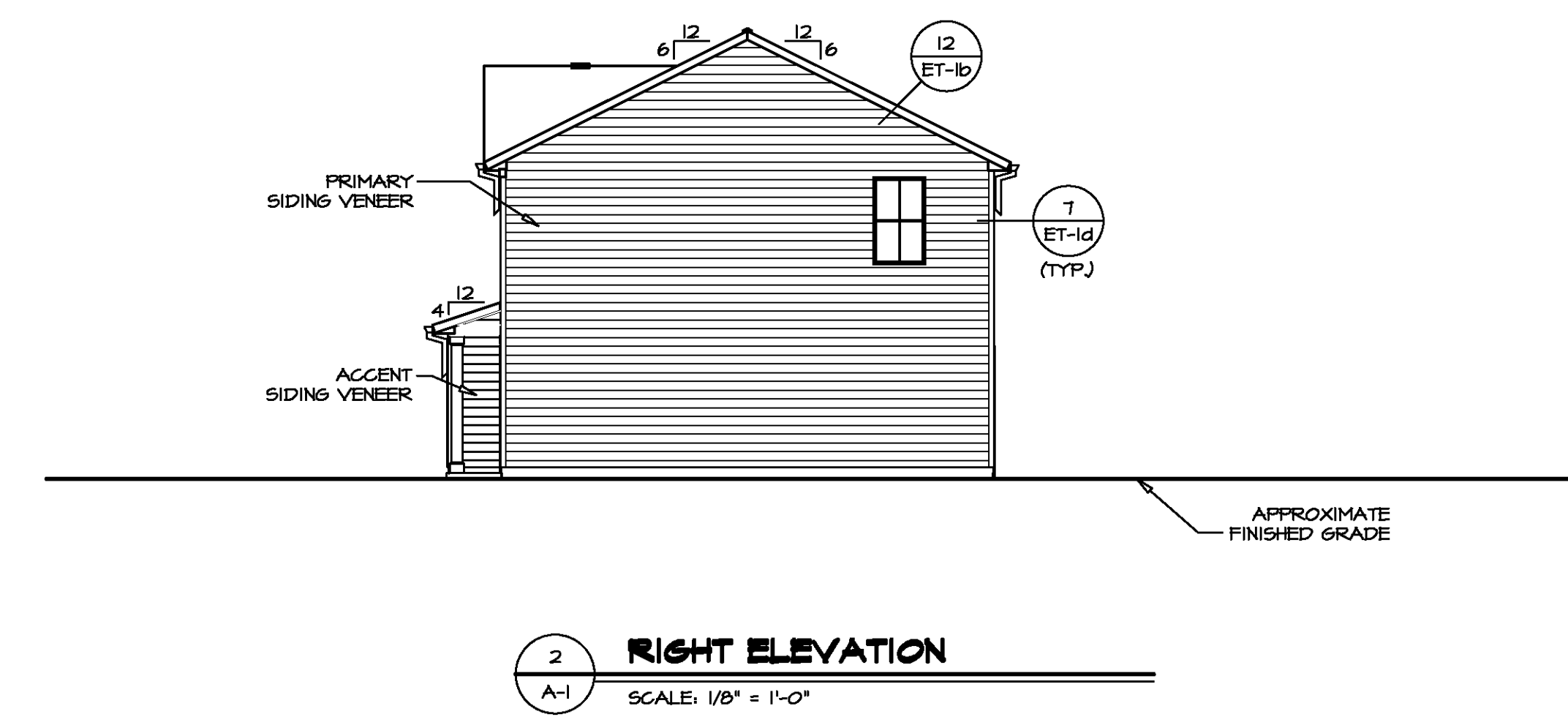
DIV.-COMM-LOT-UNIT
 COMM-LOT
 STREET ADDRESS
 CITY
 STATE
 ZIP
 APT. NO.

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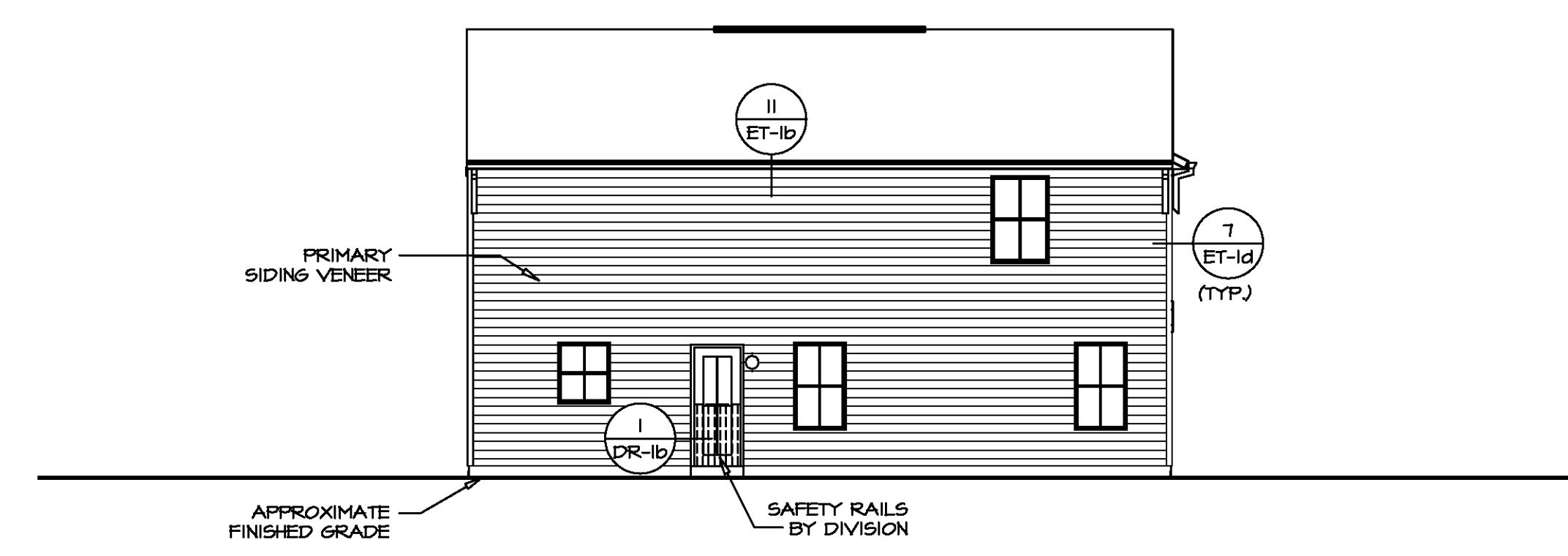


MODEL CEDAR
 SHEET NO. A-1
 DRAWING TITLE ELEVATIONS
 OPTION DESCRIPTION SLAB FOUNDATION
 SET NO. CDROO 01
 VERSION 01
 DRAWN BY
 DATE:
 OPTION FSA

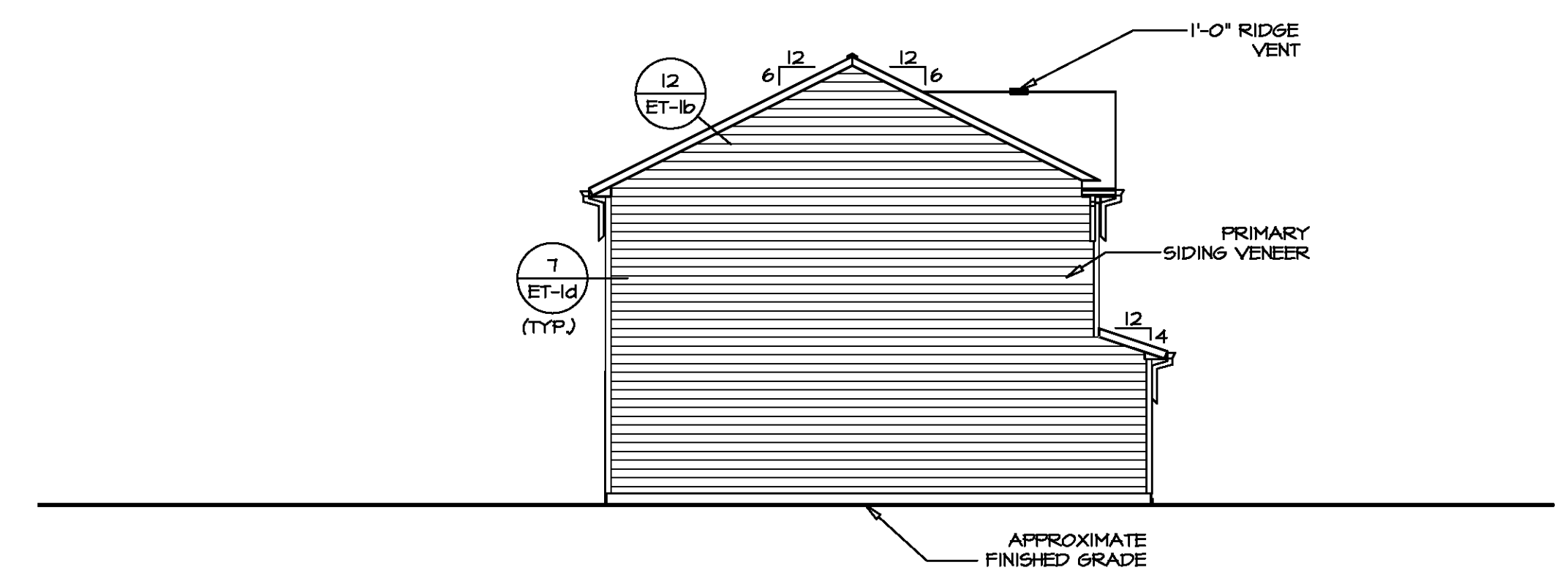
VA-As-Sold-2-06a-ASD-2021 And Full-Compliance RHA DETACHED CEDAR-CORROD-01\ELC-B-06-0140\4-A-1-ELV-LS (FSA).dwg 10/05/21 - 8:05 am



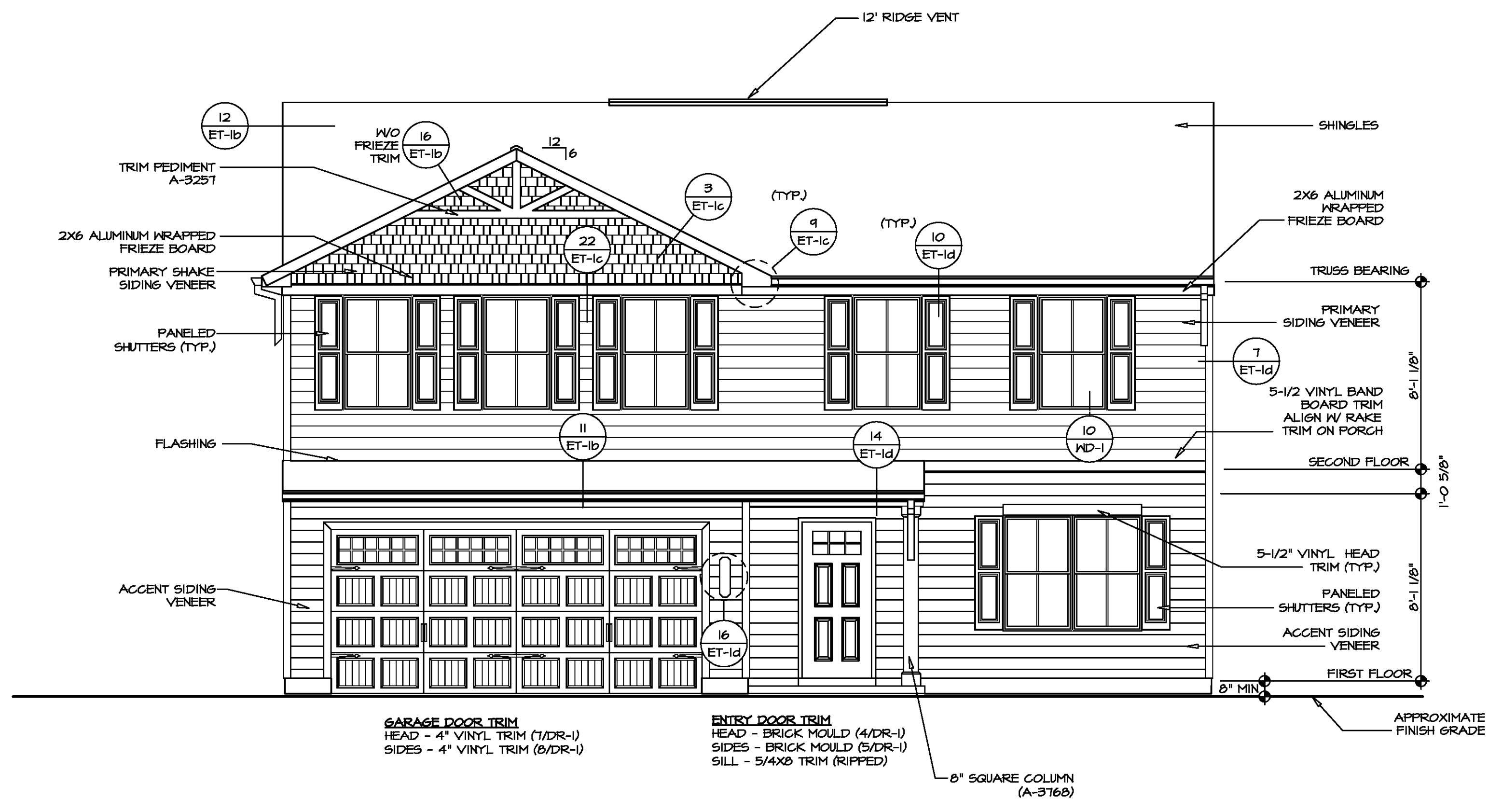
2 RIGHT ELEVATION
 A-1 SCALE: 1/8" = 1'-0"



3 REAR ELEVATION
 A-1 SCALE: 1/8" = 1'-0"



4 LEFT ELEVATION
 A-1 SCALE: 1/8" = 1'-0"



1 FRONT ELEVATION "K"
 A-1 SCALE: 1/4" = 1'-0"

PAD FOOTING SCHEDULE					
IDENTIFIER	LENGTH	WIDTH	HEIGHT	ENS. NUM.	REMARKS
FOO1	11'-1 1/2"	1'-4"	0'-8"	S0001	
FOO2	8'-1"	1'-4"	0'-8"	S0001	
FOO4	2'-0"	2'-0"	1'-0"	1016	

FOUNDATION DIAGONALS			
	A		B
A	0"	A	40'-1 11/32"
B	40'-1 11/32"	B	0"
C	48'-4 29/32"	C	31'-0"
D	28'-0"	D	50'-1 9/32"

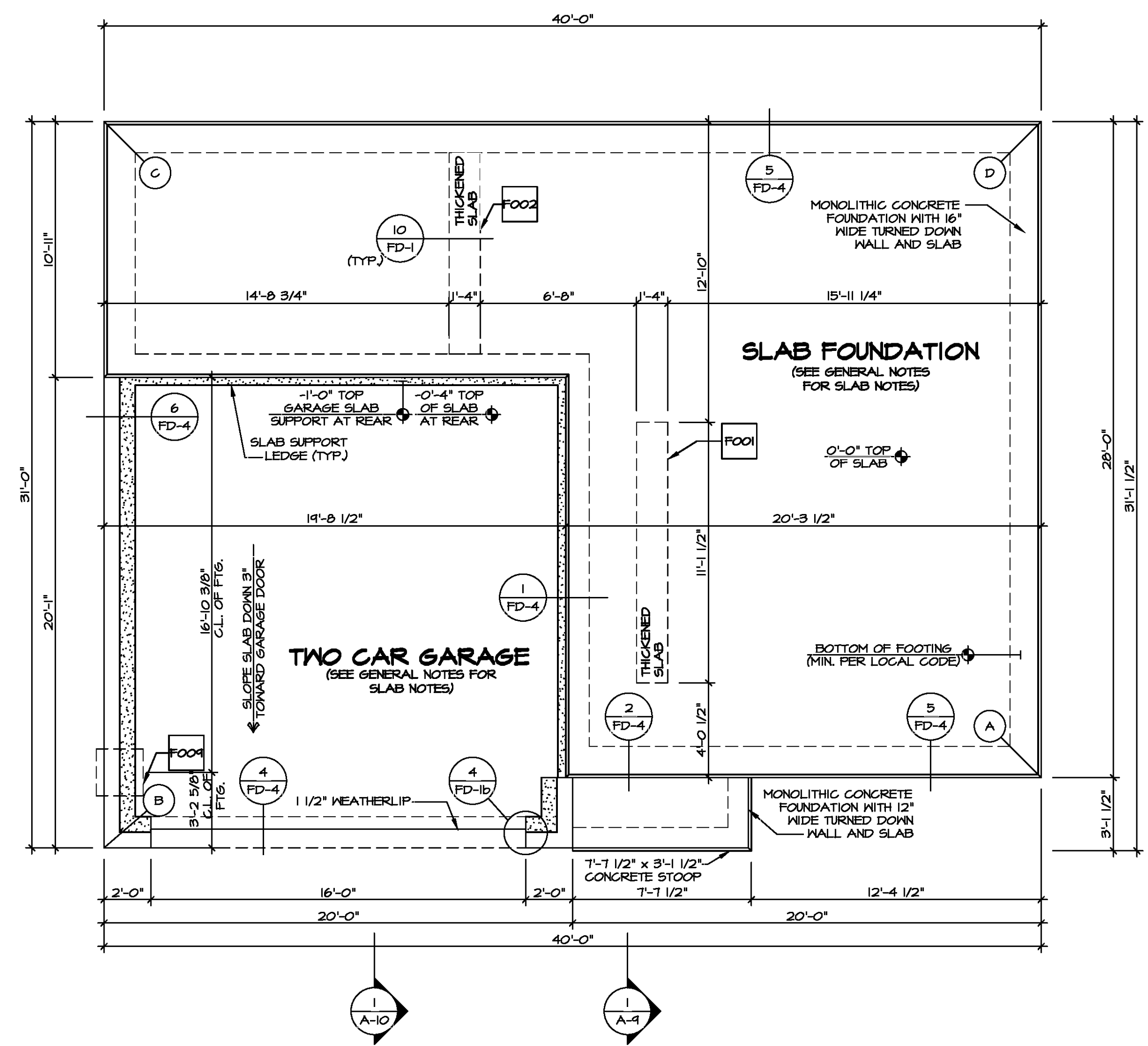
FOUNDATION NOTES - SLAB

- FOUNDATION UNDER HABITABLE SPACE:
CONCRETE SLAB ON 6 MIL VAPOR BARRIER OVER SUB-BASE (SEE SPEC SHEET FOR SLAB NOTES)
- FOUNDATION UNDER GARAGE:
UNEXCAVATED WITH CONCRETE SLAB ON VAPOR BARRIER OVER SUB-BASE (SEE SPEC SHEET FOR SLAB NOTES) OR STRUCTURAL CONCRETE SLAB ON VAPOR BARRIER OVER SUB-BASE (SEE SPEC SHEET FOR SLAB NOTES)
- SEE FOUNDATION HOLD DOWN SHEET FOR CONNECTION INFORMATION.
- SLAB LEDGE LOCATIONS VARY W/ GRADE BEAM(S) ORIENTATION. SEE 68-1 FOR DETAILS.
- THE DIRECTION OF THE ARROW IS THE DIRECTION OF REBAR, AS REQUIRED.
- ALL FOOTINGS ARE PLAIN, UNREINFORCED CONCRETE UNLESS NOTES OTHERWISE.

LEGEND

- BEARING WALL
- NON BEARING WALL
- INDICATES BEARING FROM POINT-LOAD ABOVE
- JACKS
- BEAM/HEADER
- PAD FOOTING
- STEEL COLUMN
- TRUSS TIE DOWN
- PORTAL FRAME
- JOIST/TRUSS
- LVL
- ENGINEERING PAGE NUMBER

SEE FC DETAILS FOR FRAMING CONNECTORS

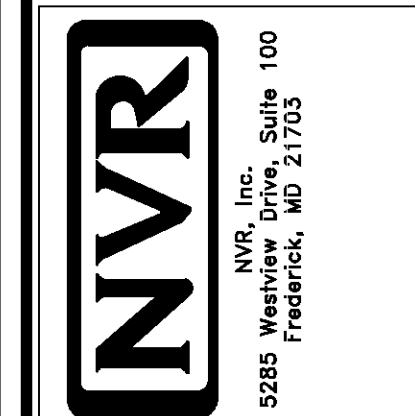


FOUNDATION PLAN
SCALE: 1/4" = 1'-0"



DIV.-COMM.-LOT-UNIT
COMM.-LOT
STREET ADDRESS
CITY STATE ZIP

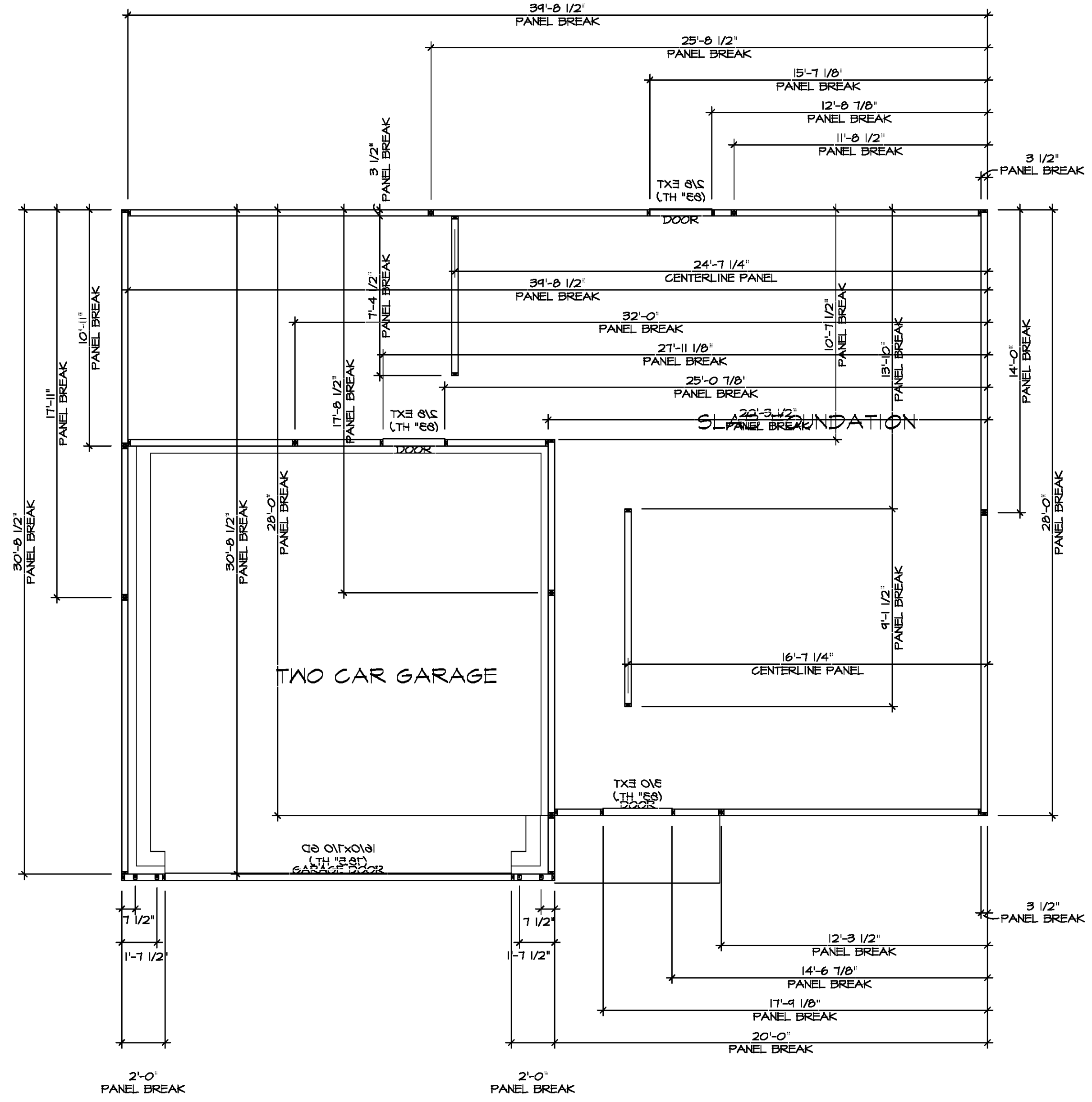
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SET NO. CDROO
VERSION 01
DRAWN BY
DATE:
OPTION
FSA

MODEL
CEDAR
DRAWING TITLE
FOUNDATION PLAN
OPTION DESCRIPTION
SLAB FOUNDATION

SHEET NO.
A-3
5



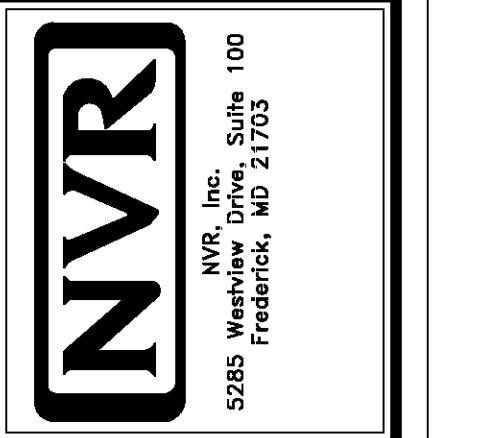
FOUNDATION HOLD DOWN DETAILS
 SCALE: 1/4" = 1'-0"

HOLD DOWN NOTES	
REFER TO DETAIL (1/2FD-1) FOR HOLD DOWN OFFSET DIMENSIONS. REFER TO DETAIL (1/2FD-1) FOR HOLD DOWNS ON CMU BLOCK.	
	1. ALL PANELS GREATER THAN 24" SHALL HAVE AN ANCHOR WITHIN 12" OF THE PANEL BREAKS / ENDS. (SEE DETAIL SHEET FF-1 FOR MORE INFORMATION ON ANCHOR DETAILS)
	1. STRAP: a. ON FOUNDATION USE (STHD14) b. ON FLOOR SYSTEM USE (STHD14R-U) 2. ALL OTHER HOLD DOWN SEE DETAIL (1/2-2) FOR MORE INFORMATION. 3. STRAP LOCATION ON PLANS SHOWN BY DASHED DIMENSION TO CENTER OF STUDS
OR	
	1. 5/8"Ø THREADED ROD 2. ALL OTHER HOLD DOWN SEE DETAIL (1/2-2) FOR MORE INFORMATION. 3. BOLT LOCATION ON PLANS SHOWN BY SOLID DIMENSION TO CENTER OF BOLT



DIV-COMM-LOT-UNIT
 COMM-LOT
 STREET ADDRESS
 CITY STATE ZIP

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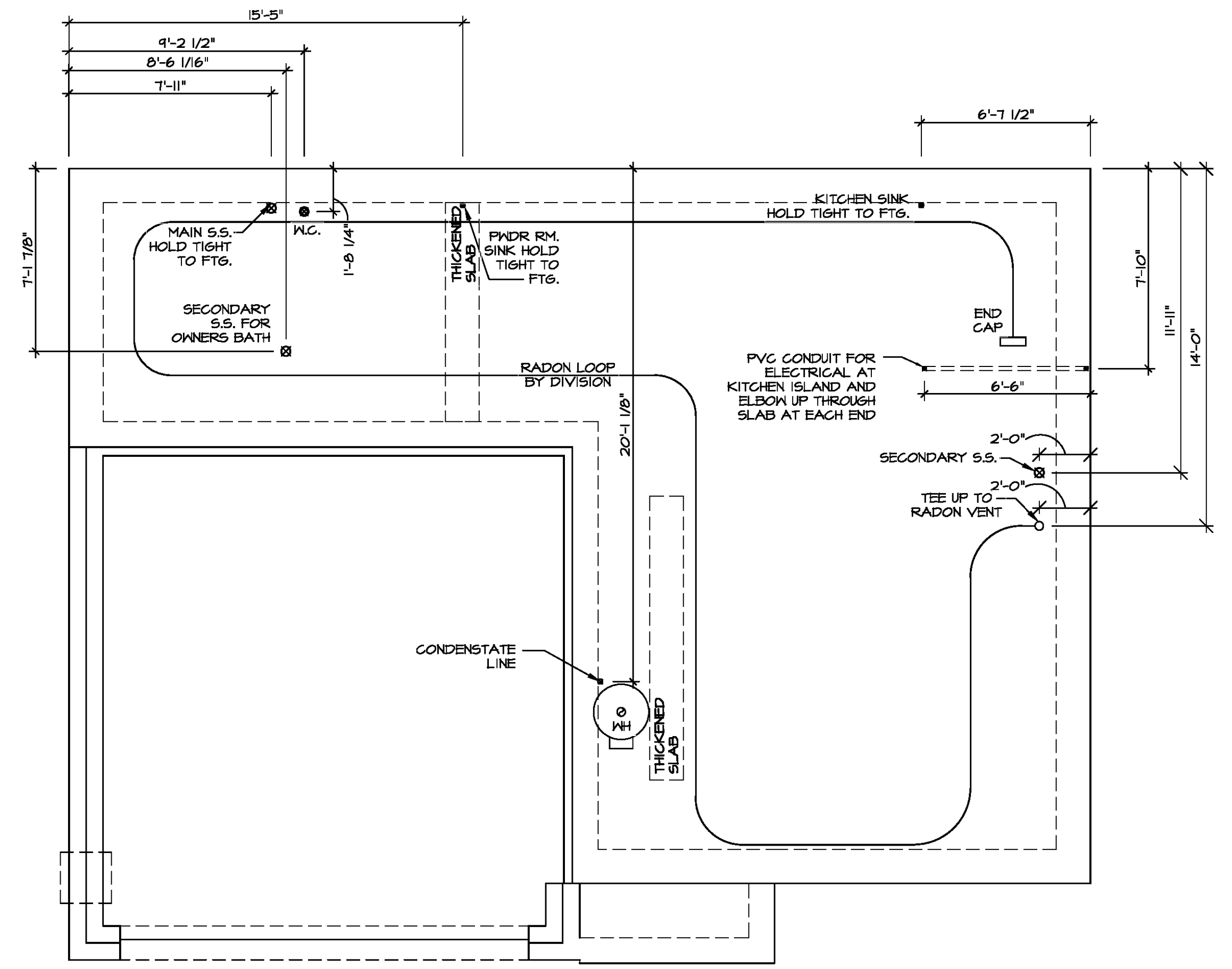


MODEL CEDAR
 DRAWING TITLE FOUNDATION HOLD DOWN DETAILS
 SHEET NO. A-4
 SET NO. CDR00
 VERSION 01
 DRAWN BY
 DATE
 OPTION
 OPTION DESCRIPTION
 6



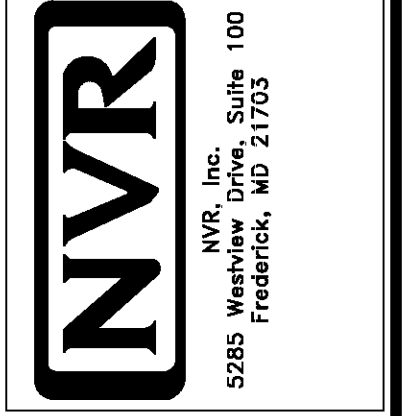
NOTE
 RADON REMEDIATION
 RADON LOOP:
 - (4") PERFORATED HDPE "LOOP"
 - MUST BE PLACED IN STONE BED SLIGHTLY HIGHER THAN ANY INTERIOR DRAINTILE
 - LOOP TO BE SEPARATE FROM ANY DRAINTILE ELEMENTS
 - TO BE CORRUGATED HDPE PIPE
 - SCREENS TO BE INSTALLED THROUGH LOOP AT TEE UP INTO STACK
 STACK REQUIREMENTS:
 - 3" PVC STACK (4" IF BASEMENT IS GREATER THAN 2200 SQFT.)
 - NO PART OF STACK IS TO BE HORIZONTAL (45° ELBOWS PERMITTED AS REQUIRED)
 - PIPE TO BE PHYSICALLY LABELED IN THE FIELD AS "RADON VENT" OR OTHER JURISDICTIONALLY REQUIRED LANGUAGE (ON EVERY LEVEL OF HOUSE)
 - ROOF TERMINATION TO BE IN TOP 1/3 OF ROOF
 - SCREEN OR VENT CAP INSTALLED TO KEEP PESTS OUT OF RADON VENT AT ROOF TERMINATION.

**INSTALLATION OF RADON STACK AND LOOP
 TO BE DETERMINED BY DIVISION**



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

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SET NO. CDPROO	VERSION 01
DRAWN BY	DATE:
OPTION	

MODEL CEDAR	
DRAWING TITLE PLUMBING PLAN	
OPTION DESCRIPTION	
SHEET NO. A-5	7

DIV-COMM-LOT-UNIT	
COMM-LOT	
STREET ADDRESS	
CITY	
STATE	
APT. NO.	
ZIP	

FIRST FLOOR JACK SCHEDULE			
IDENTIFIER	DESCRIPTION	ENG. NUM.	REMARKS
J101	JACK - (3) 2X4 SFF STUD GRADE	1019	
J102	JACK - (2) 2X4 SFF STUD GRADE	1019	
J103	JACK - (2) 2X4 SFF STUD GRADE	1014	
J104	JACK - (2) 2X4 SFF STUD GRADE	1014	
J105	JACK - (2) 2X4 SFF STUD GRADE	1012	
J106	JACK - (4) 2X4 SFF STUD GRADE	1025	
J107	JACK - (4) 2X4 SFF STUD GRADE	1025	
J108	JACK - (2) 2X4 SFF STUD GRADE	1008	
J109	JACK - (2) 2X4 SFF STUD GRADE	1008	
J110	JACK - (2) 2X4 SFF STUD GRADE	1010	
J111	JACK - (2) 2X4 SFF STUD GRADE	1010	
J112	JACK - (4) 2X4 SFF STUD GRADE	1006	
J113	JACK - (4) 2X4 SFF STUD GRADE	1006	
J114	JACK - (4) 2X4 SFF STUD GRADE	1006	
J115	JACK - (4) 2X4 SFF STUD GRADE	1006	

FIELD INSTALLED FIRST FLOOR BEAM/HEADER SCHEDULE				
IDENTIFIER	DESCRIPTION	LENGTH	ENG. NUM.	REMARKS
B101	INT HEADER - 2X8 - 2 FLY	4'-1"	1019	

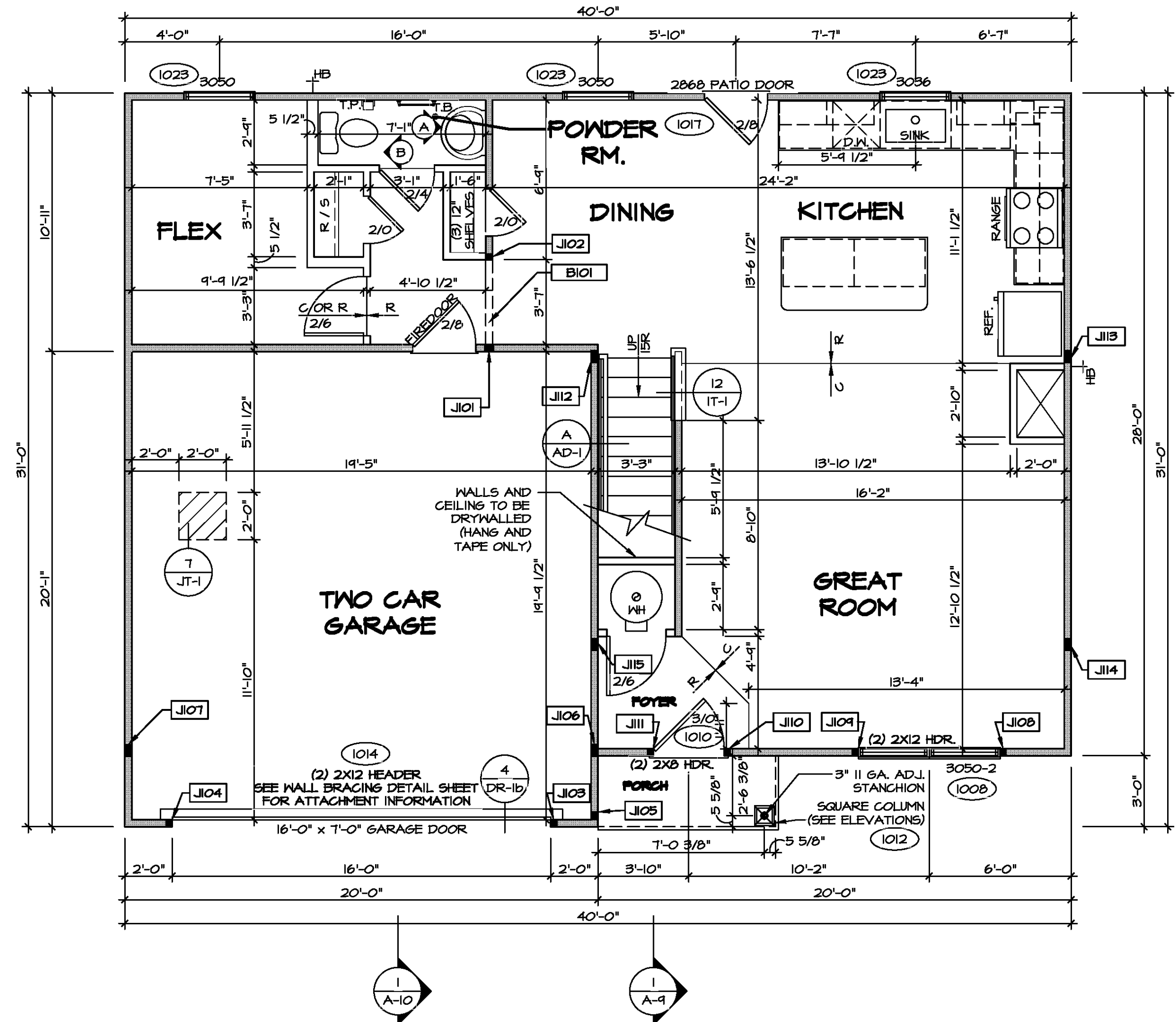
LEGEND

- BEARING WALL
- NON BEARING WALL
- INDICATES BEARING FROM POINT-LOAD ABOVE
- JACKS
- BEAM/HEADER
- PAD FOOTING
- STEEL COLUMN
- TRUSS TIE DOWN
- PORTAL FRAME
- JOIST/TRUSS
- LVL
- ENGINEERING PAGE NUMBER

SEE FC DETAILS FOR FRAMING CONNECTORS

- FLOOR PLAN NOTES**
- ALL HEADERS ARE (2) 2x6 w/ 2x4 WALLS OR (3) 2x6 w/ 2x6 WALLS, UNLESS OTHERWISE NOTED.
 - ALL HEADERS TO HAVE (1) 2x4 OR 2x6 JACK AND KING STUD EACH END, UNLESS OTHERWISE NOTED. MULTI-OPENING HEADERS TO HAVE (2) JACKS AT INTERMEDIATE BEARINGS, UNLESS OTHERWISE NOTED. NO ADDITIONAL FLOOR SYSTEM BLOCKING OR CONTINUOUS LOAD PATH JACKS ARE REQUIRED UNLESS OTHERWISE NOTED.
 - ALL EXTERIOR WALLS TO BE 4" w/ OSB OR 3 1/2" w/ LAMINATED FIBROUS STRUCTURAL SHEATHING, ALL INTERIOR WALLS TO BE 3 1/2", UNLESS OTHERWISE NOTED. HATCHED AREAS INDICATE DROPPED CEILINGS. ALL DROPPED CEILINGS ARE 12" UNLESS OTHERWISE NOTED. SEE "BRACED WALL PANEL DETAIL SHEET" FOR SPECIAL WALL FRAMING LOCATIONS AND HEADER SIZES, IF APPLICABLE.
 - SEE STANDARD DETAIL CATEGORY "IT" SHEET(S) FOR INTERIOR TRIM DETAILS.
 - SEE ARCHITECTURAL DETAIL SHEET "AD" FOR HOUSE SPECIFIC INTERIOR TRIM OPTION TABLE.
 - ALL WINDOWS HAVE 7'-0 1/2" HEADER HEIGHT UNLESS OTHERWISE NOTED.
 - ALL HEADERS IN NON-BEARING WALLS SHALL BE A SINGLE FLAT 2x4 OR 2x6 ATTACHED TO CRIPPLES ABOVE, UNLESS OTHERWISE NOTED.
 - TANKED WATER HEATER SHOWN AS BASE CONDITION, OPTIONAL TANKLESS WATER HEATER IS AVAILABLE IN LIEU OF TANKED WATER HEATER.

- GYPSUM NOTES**
- AT GARAGE:
GYPSUM BOARD AT COMMON WALLS, CEILINGS, BEAM WRAPS AND SUPPORTS PER STANDARD DETAIL FA-1(b) FIRE ASSEMBLIES OR AS REQUIRED BY LOCAL CODE.
- AT STAIRS:
1/2" GYPSUM BOARD AT UNDERSIDE OF STAIRS AND WALLS IN CLOSET



FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"

DIV-COMM-LOT-UNIT _____
 COMM-LOT _____
 STREET ADDRESS _____
 CITY _____ STATE _____ APT. NO. _____ ZIP _____

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Frederick, MD 21703

MODEL CEDAR	SET NO. CDROO
DRAWING TITLE FIRST FLOOR PLAN	VERSION 01
OPTION DESCRIPTION 9	DRAWN BY
	DATE:
	OPTION

MODEL: CEDAR, DRAWING TITLE: FIRST FLOOR PLAN, SHEET NO.: A-7, SET NO.: CDROO-01, FILE: C:\06-0140\9-A-7\PRINT_LS.dwg, 10/09/21 - 8:05 am



LEGEND	
	BEARING WALL
	NON BEARING WALL
	INDICATES BEARING FROM POINT-LOAD ABOVE
	JACKS
	BEAM/HEADER
	PAD FOOTING
	STEEL COLUMN
	TRUSS TIE DOWN
	PORTAL FRAME
	JOIST/TRUSS
	LVL
	ENGINEERING PAGE NUMBER

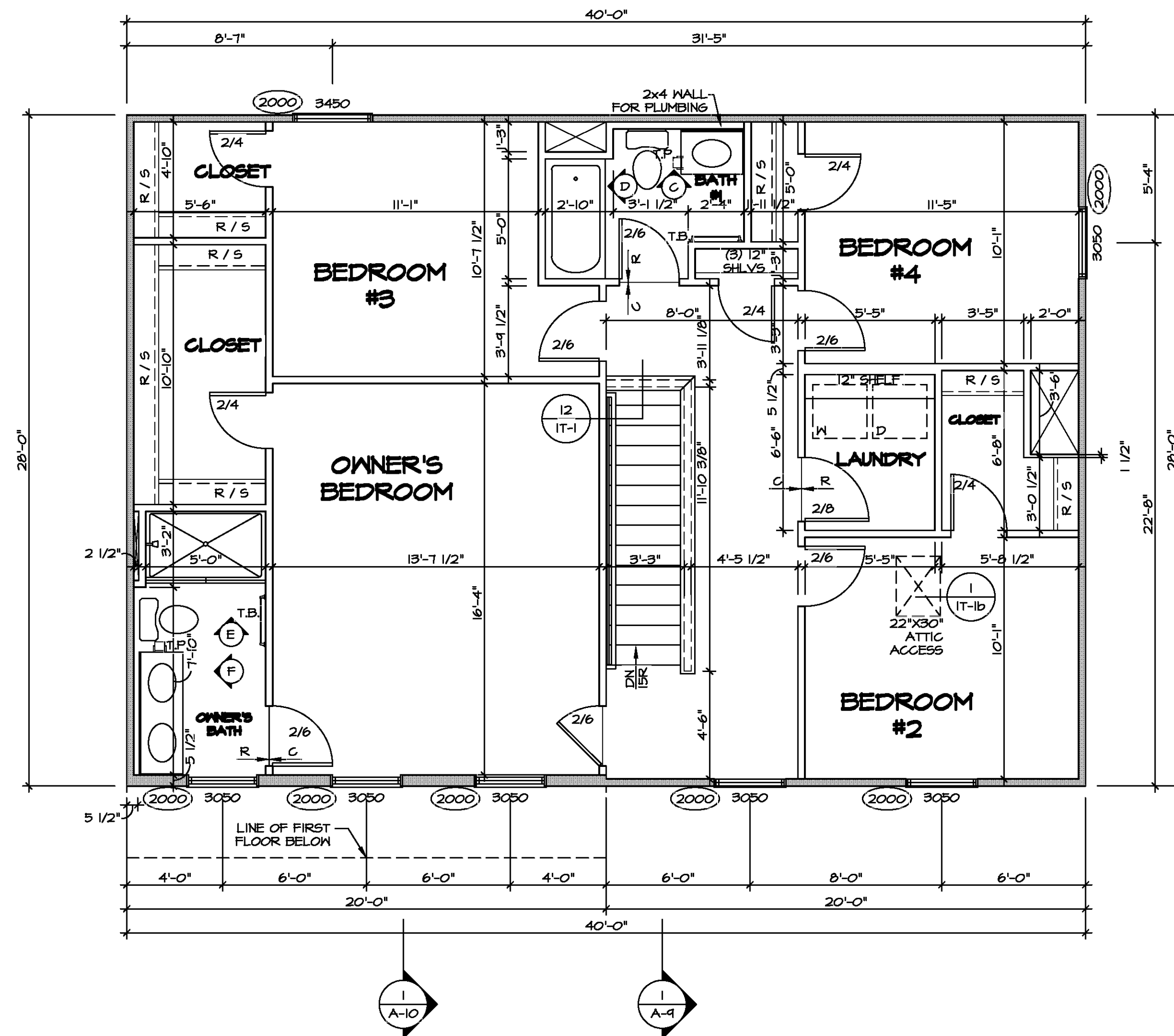
SEE FC DETAILS FOR FRAMING CONNECTORS

FLOOR PLAN NOTES

- ALL HEADERS ARE (2) 2x6 w/ 2x4 WALLS OR (3) 2x6 w/ 2x6 WALLS, UNLESS OTHERWISE NOTED.
- ALL HEADERS TO HAVE (1) 2x4 OR 2x6 JACK AND KING STUD EACH END, UNLESS OTHERWISE NOTED. MULTI-OPENING HEADERS TO HAVE (2) JACKS AT INTERMEDIATE BEARINGS, UNLESS OTHERWISE NOTED. NO ADDITIONAL FLOOR SYSTEM BLOCKING OR CONTINUOUS LOAD PATH JACKS ARE REQUIRED UNLESS OTHERWISE NOTED.
- ALL EXTERIOR WALLS TO BE 4" w/ OSB OR 3 1/2" w/ LAMINATED FIBROUS STRUCTURAL SHEATHING, ALL INTERIOR WALLS TO BE 3 1/2", UNLESS OTHERWISE NOTED. HATCHED AREAS INDICATE DROPPED CEILINGS. ALL DROPPED CEILINGS ARE 12" UNLESS OTHERWISE NOTED.
- SEE "BRACED WALL PANEL DETAIL SHEET" FOR SPECIAL WALL FRAMING LOCATIONS AND HEADER SIZES, IF APPLICABLE.
- SEE STANDARD DETAIL CATEGORY "IT" SHEET(S) FOR INTERIOR TRIM DETAILS.
- SEE ARCHITECTURAL DETAIL SHEET "AD" FOR HOUSE SPECIFIC INTERIOR TRIM OPTION TABLE.
- ALL WINDOWS HAVE 7'-0 1/2" HEADER HEIGHT UNLESS OTHERWISE NOTED.
- ALL HEADERS IN NON-BEARING WALLS SHALL BE A SINGLE FLAT 2x4 OR 2x6 ATTACHED TO CRIPPLES ABOVE, UNLESS OTHERWISE NOTED.
- TANKED WATER HEATER SHOWN AS BASE CONDITION, OPTIONAL TANKLESS WATER HEATER IS AVAILABLE IN LIEU OF TANKED WATER HEATER.

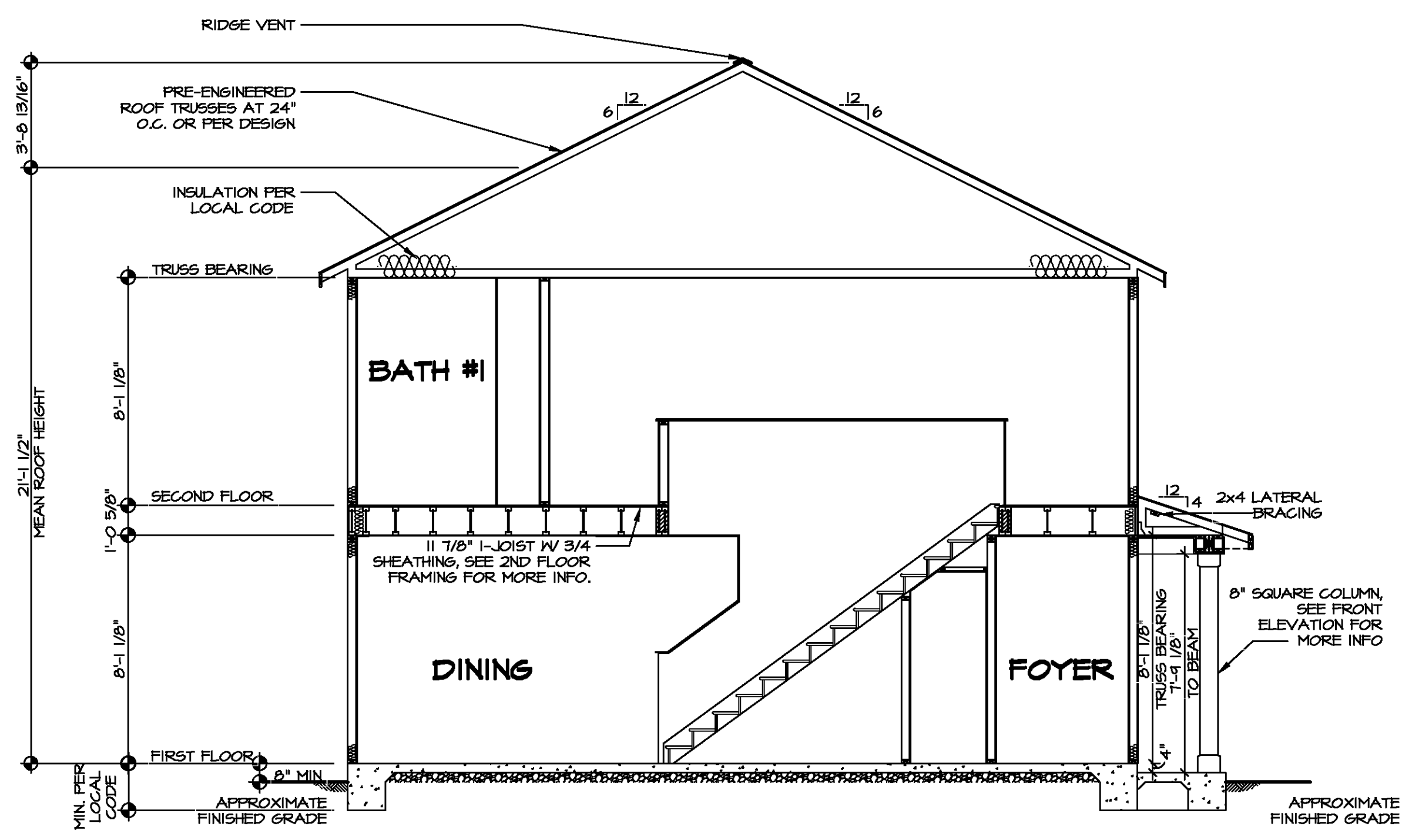
GYPSUM NOTES

- AT GARAGE:
GYPSUM BOARD AT COMMON WALLS, CEILINGS, BEAM WRAPS AND SUPPORTS PER STANDARD DETAIL FA-1(b) FIRE ASSEMBLIES OR AS REQUIRED BY LOCAL CODE.
- AT STAIRS:
1/2" GYPSUM BOARD AT UNDERSIDE OF STAIRS AND WALLS IN CLOSET



SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"

DIV-COMM-LOT-UNIT	
COM-LOT	---
STREET ADDRESS	---
CITY	---
STATE	---
APT. NO.	---
ZIP	---
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<p>NVR NVR, Inc. Suite 100 Frederick, MD 21703</p>	
SET NO. CDROO	---
VERSION 01	---
DRAWN BY	---
DATE:	---
OPTION	---
MODEL	CEDAR
DRAWING TITLE	SECOND FLOOR PLAN
OPTION DESCRIPTION	---
SHEET NO.	A-8
	10

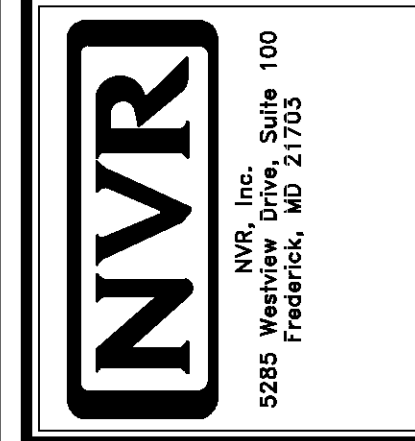


1
A-9 BUILDING SECTION - FOYER
SCALE: 1/4" = 1'-0"

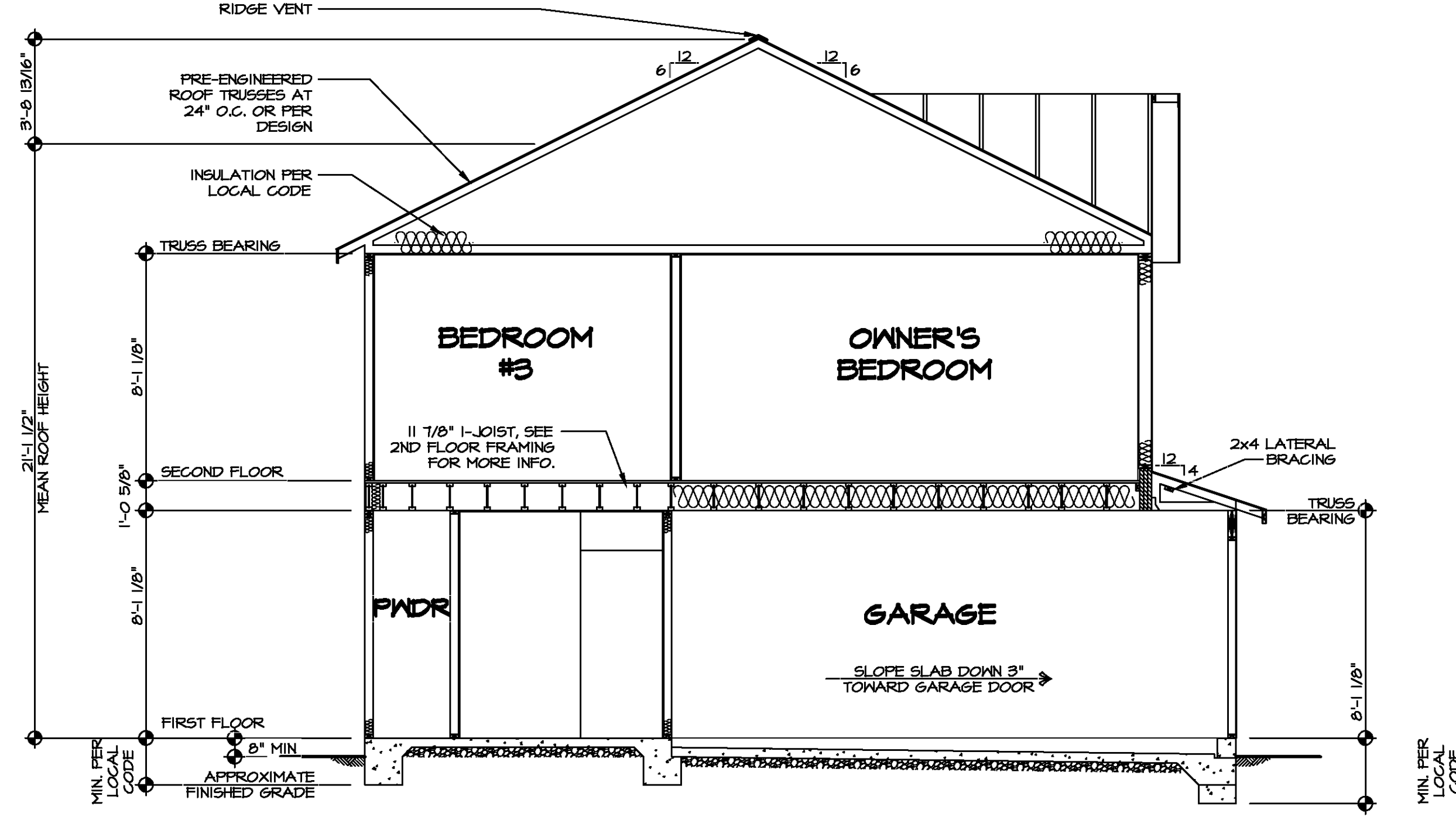


DIV-COMM-LOT-UNIT	
COMM-LOT	---
STREET ADDRESS	---
CITY	---
STATE	---
APT. NO.	---
ZIP	---

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SHEET NO.	A-9	MODEL	CEDAR
DRAWING TITLE	BUILDING SECTION - FOYER	SET NO.	CDROO
OPTION DESCRIPTION		VERSION	01
		DRAWN BY	
		DATE:	
		OPTION	



BUILDING SECTION - GARAGE
 SCALE: 1/4" = 1'-0"

SHEET NO. A-10	MODEL CEDAR DRAWING TITLE BUILDING SECTION - GARAGE OPTION DESCRIPTION 	SET NO. CDPROO VERSION 01 DRAWN BY DATE: OPTION	DIV-COMM-LOT-UNIT COMM-LOT STREET ADDRESS CITY STATE ZIP APT. NO.
12	 NVR, Inc. Suite 100 Frederick, MD 21703		
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Y:\As-Sold\2-565\ASD\2021 2nd Full-Complete\RVH\DETACHED\CEDAR_CDPROO-01\ELC_B_06-0140\T2 A-10 SECT-GAR_LS.dwg 10/09/21 - 8:05 am			



SECOND FLOOR FRAMING LENGTH SCHEDULE				
IDENTIFIER	DESCRIPTION	LENGTH	ENG. NUM.	REMARKS
2AA	PRI 60 - 11-14	34'-4 3/4"		
2AA-2	PRI 60 - 11-14 DBL	34'-4 3/4"	1036	J-0051
2AB	PRI 60 - 11-14	16'-6 1/8"	1031	J-0054
2AC	PRI 60 - 11-14	14'-4 3/4"		
2AE	PRI 60 - 11-14	34'-4 3/4"		
2AF-2	PRI 60 - 11-14 DBL	20'-2 3/8"	1033	J-0055
2AG	PRI 60 - 11-14	34'-4 3/4"		
2AL	PRI 60 - 11-14	16'-6 1/8"	1031	J-0246
2AP	PRI 60 - 11-14	34'-4 3/4"	1038	J-0400
2AQ	PRI 60 - 11-14	14'-4 3/4"	1040	J-0402

SECOND FLOOR LVL LENGTH SCHEDULE				
IDENTIFIER	DESCRIPTION	LENGTH	ENG. NUM.	REMARKS
L201-3	LVL 1.75 - 10	20'-0"	1025	5.A
L202	LVL 1.75 - 11-14	11'-4"	1004	

LVL PLY TO PLY FASTENING SCHEDULE: (WHERE APPLICABLE BASED ON LVL USAGE)

1.A - (2) PLY UP TO AND INCLUDING 11 7/8" TALL. FASTEN PLYS W/ (2) ROWS 16D NAILS AT 12" O.C. OR ALT 1 1/2" WIDE LVL. FASTEN PLYS W/ (3) ROWS 12D NAILS AT 12" O.C.

2.A - (2) PLY 14" TO AND 18" TALL (INCLUSIVE). FASTEN PLYS W/ (3) ROWS 16D NAILS AT 12" O.C. OR ALT 1 1/2" WIDE LVL. FASTEN PLYS W/ (4) ROWS 12D NAILS AT 12" O.C.

3.A - (2) PLY 20" TALL AND OVER. FASTEN PLYS W/ (4) ROWS 16D NAILS AT 12" O.C. OR ALT 1 1/2" WIDE LVL. FASTEN PLYS W/ (5) ROWS 12D NAILS AT 12" O.C. FROM EACH SIDE.

4.A - (3) PLY UP TO AND INCLUDING 11 7/8" TALL. FASTEN PLYS W/ (2) ROWS 16D NAILS AT 12" O.C. FROM EACH SIDE OR ALT 1 1/2" WIDE LVL. FASTEN PLYS W/ (3) ROWS 12D NAILS AT 12" O.C. FROM EACH SIDE.

5.A - (3) PLY 14" TO AND 18" TALL (INCLUSIVE). FASTEN PLYS W/ (3) ROWS 16D NAILS AT 12" O.C. FROM EACH SIDE OR ALT 1 1/2" WIDE LVL. FASTEN PLYS W/ (4) ROWS 12D NAILS AT 12" O.C. FROM EACH SIDE.

6.A - (3) PLY 20" TALL AND OVER. FASTEN PLYS W/ (4) ROWS 16D NAILS AT 12" O.C. FROM EACH SIDE OR ALT 1 1/2" WIDE LVL. FASTEN PLYS W/ (5) ROWS 12D NAILS AT 12" O.C. FROM EACH SIDE.

7.A - (4) PLY (ALL SIZES). FASTEN PLYS W/ (2) ROWS 1/2" DIAMETER A307 BOLTS AT 24" O.C. SEE SHOP DRAWING FOR ADDITIONAL INFORMATION.

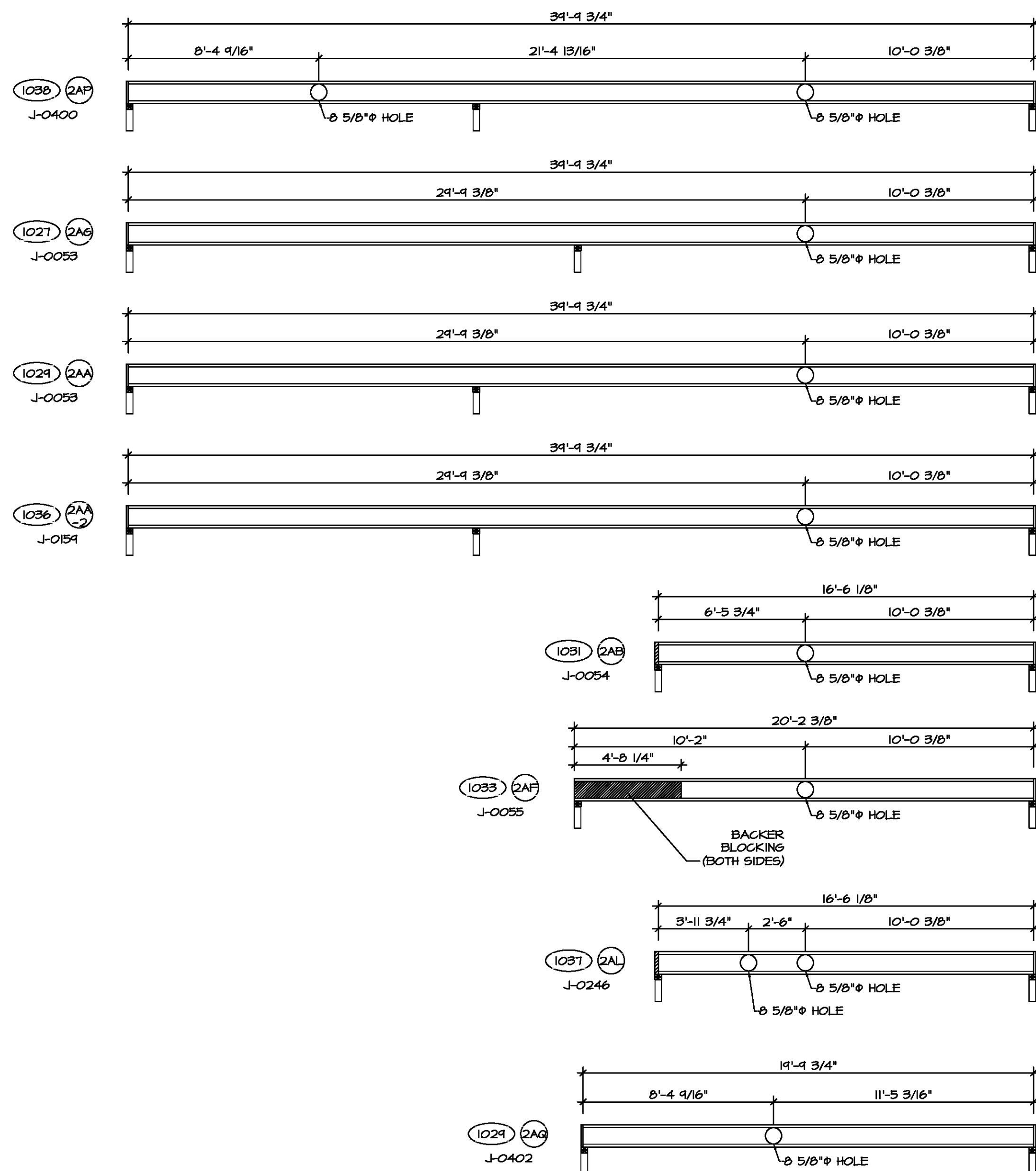
LEGEND

- BEARING WALL
- INDICATES BEARINGS FROM POINT-LOAD ABOVE
- BEAM-HEADER
- PAD FOOTING
- STEEL COLUMN
- TRUSS TIE DOWN
- PORTAL FRAME
- JOIST/TRUSS
- LVL
- ENGINEERING PAGE NUMBER

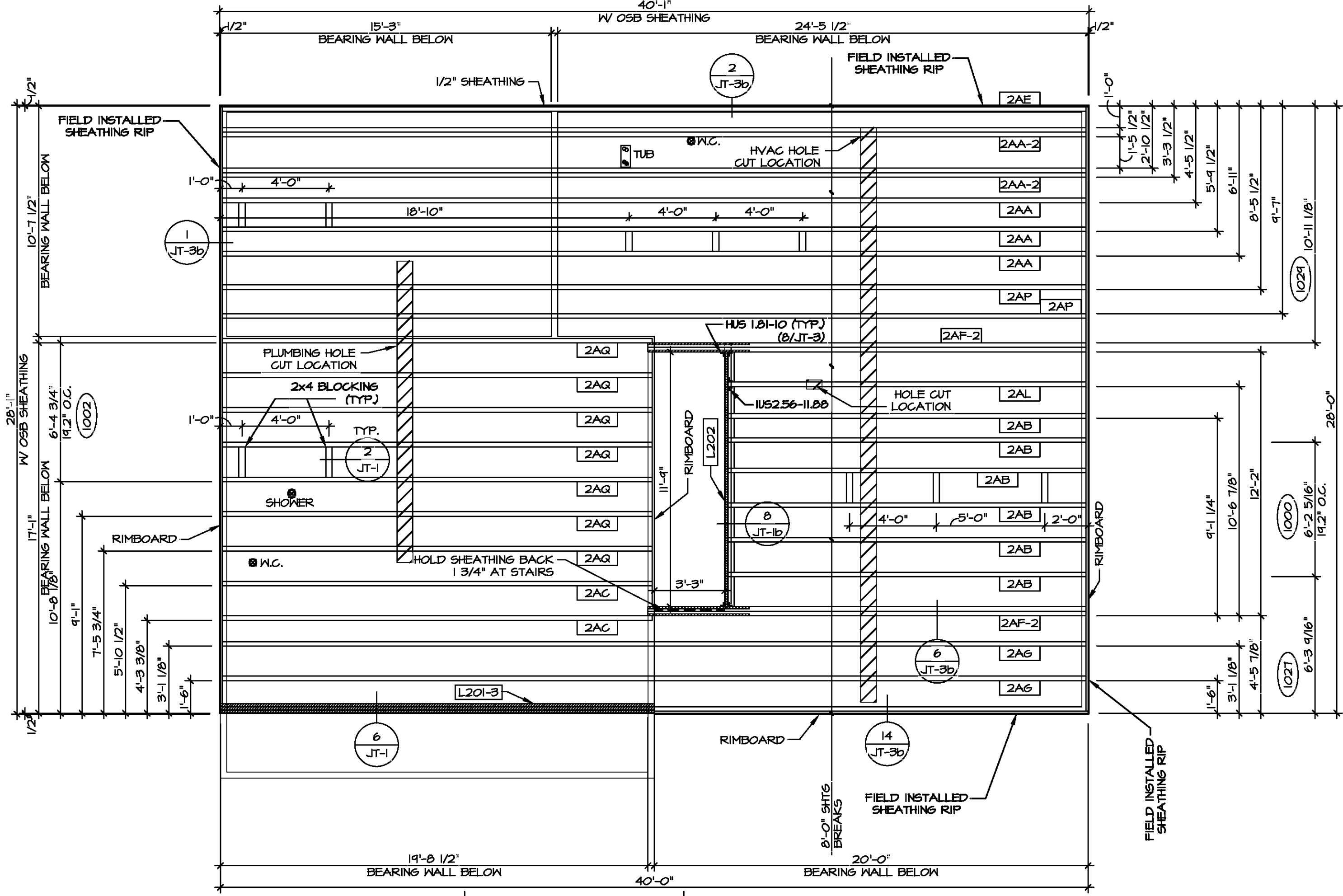
SEE F.C. DETAILS FOR FRAMING CONNECTORS

I-JOIST FLOOR SYSTEM

- SUBFLOOR IS 3/4" TONGUE AND GROOVE OSB STANDARD.
- JOIST LENGTHS SHIPPED IS THE NEXT HIGHEST LENGTH TO CUT FROM.
- ALL RIMBOARD TO BE 1-1/8" THICK UNO.
- REFER TO STANDARD DETAIL JT-3 FOR HOLE CUTTING GUIDELINES.
- PROVIDE RIMBOARD SOLID BLOCKING AT EXTERIOR WALLS AND BELOW ALL JACKS AS REQUIRED.
- REFER TO DETAIL 84T-3 FOR HANGER DETAIL.
- ALL JOISTS TO BE PRI40, PRI60 OR PRI80, REFERENCE SCHEDULE FOR SPECIFIC SERIES PER MEMBER.
 - A. PRI40 SERIES ARE SHOWN AS SHADED ON FRAMING PLAN.
- SEE CONNECTOR / NAIL CHART IN STANDARD DETAILS (FC-4) FOR TYPICAL HANGERS.
- ALL LVL BLOCKING CUT FROM 14'-0" MATERIAL.
- ADHESIVE TO BE APPLIED AT THE RATE OF (1) TUBE PER TWO AND ONE-HALF SHEETS; SHEETS ARE TO BE GLUED AND PLACED ONE AT A TIME. **APPLY GLUE TO TONGUE AND GROOVE.**
- ADHESIVE TO BE ADDED TO ALL JOIST HANGERS PRIOR TO SETTING JOISTS.
- J-XXXX SHOP DRAWINGS ARE ASSOCIATED WITH PLANT MODIFIED I-JOISTS OR PLANT BUILT JOIST COMPONENTS.



2 JOIST HOLE CUTS
SCALE: 1/4" = 1'-0"

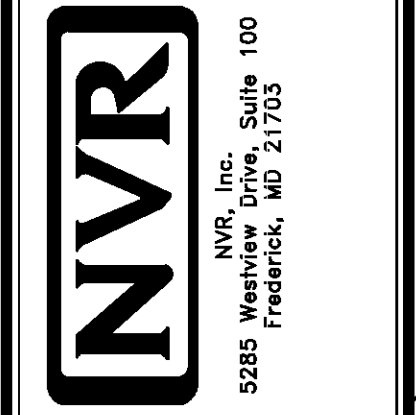


1 SECOND FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"



DIV-COMM-LOT-UNIT _____
 COMM-LOT _____
 STREET ADDRESS _____
 CITY _____ STATE _____ APT. NO. _____ ZIP _____

I, NVR, Inc., do hereby certify that the above information is true and correct to the best of my knowledge and belief, and that I am a duly licensed Professional Engineer in the State of Maryland, License No. 0549, Mechanical Engineering.

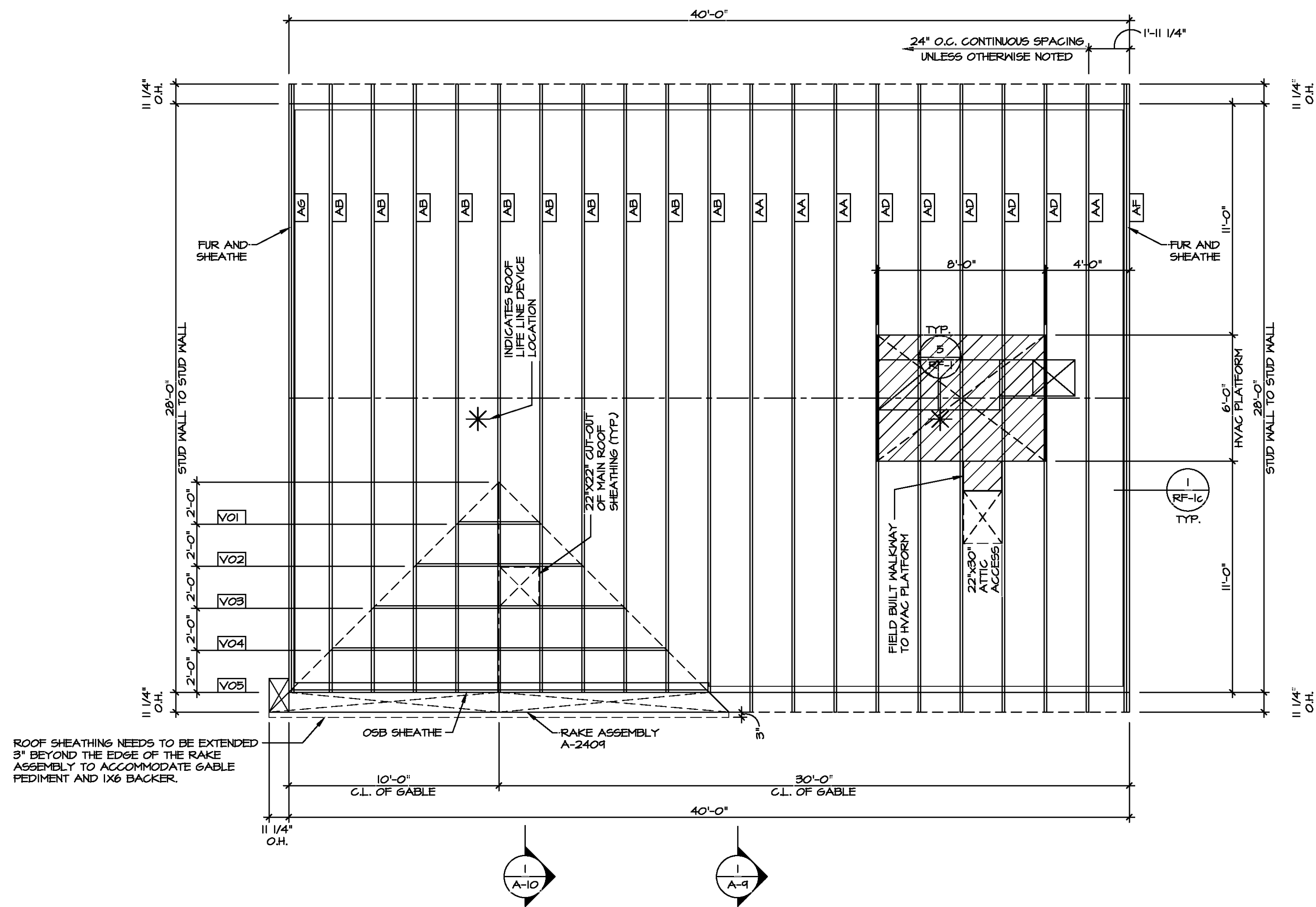


SET NO. CDROO _____
 VERSION 01 _____
 DRAWN BY _____
 DATE: _____
 OPTION _____
 SHEET NO. **S-2** OF **20**
 MODEL CEDAR
 DRAWING TITLE SECOND FLOOR JOIST LAYOUT
 OPTION DESCRIPTION

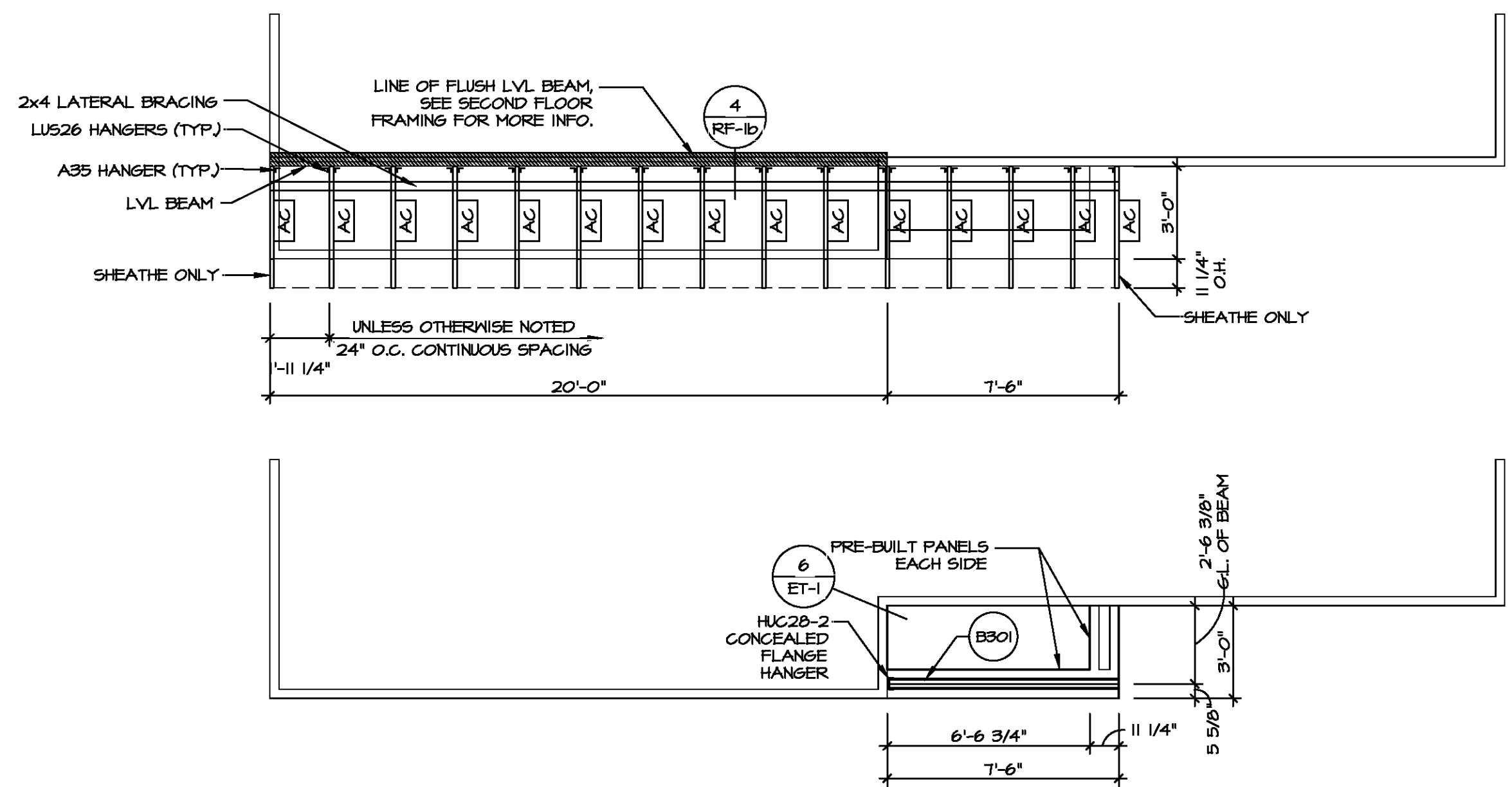
TRUSS SCHEDULE					
IDENTIFIER	SPECS	TRUSS NUMBER	LENGTH	ROOF PITCH (X/12)	TYPE
AA	SE	16403	28'-0"	6/12	COMMON
AB	SE	16404	28'-0"	6/12	SPECIAL
AC	SE	16400	3'-0"	6/12	MONO
AD	SE	16408	28'-0"	6/12	COMMON
AF	SE	16410	28'-0"	6/12	GABLE END
AG	SE	16413	28'-0"	6/12	GABLE END
VO1	VT	43344	4'-0"	6-6/12	VALLEY
VO2	VT	43345	8'-0"	6-6/12	VALLEY
VO3	VT	43346	12'-0"	6-6/12	VALLEY
VO4	VT	43407	16'-0"	6-6/12	VALLEY
VO5	VT	43401	20'-0"	6-6/12	VALLEY

FIELD INSTALLED ROOF FRAMING BEAM/HEADER SCHEDULE

IDENTIFIER	DESCRIPTION	LENGTH	ENS. NUM.	REMARKS
B301	BEAM BUILT 2X8 - 2 PLY RFF	7'-6"	1012	



ROOF SHEATHING NEEDS TO BE EXTENDED 3" BEYOND THE EDGE OF THE RAKE ASSEMBLY TO ACCOMMODATE GABLE PEDIMENT AND 1X6 BACKER.



1
5-3 **ROOF FRAMING**
SCALE: 1/4" = 1'-0"

LEGEND

- BEARING WALL
- NON BEARING WALL
- INDICATES BEARING FROM POINT-LOAD ABOVE
- JACKS
- BEAM/HEADER
- PAD FOOTING
- STEEL COLUMN
- TRUSS TIE DOWN
- PORTAL FRAME
- JOIST/TRUSS
- LVL
- ENGINEERING PAGE NUMBER

SEE FC DETAILS FOR FRAMING CONNECTORS

ROOF FRAMING NOTES

- REFER TO THE STANDARD DETAILS FOR THE FOLLOWING:
 - TRUSS TIE-DOWNS (1/RF-1)
 - PIGGYBACK TRUSS ATTACHMENT (2/RF-1)
 - VALLEY GABLE TRUSS BRACING (3/RF-1)
 - GABLE BRACING (1/RF-1c)
 - TRUSS BRACING (2/RF-1c)
 - LIFELINE ATTACHMENT (5/RF-1)
 - FALL PROTECTION ON PLATFORM TRUSSES (11/RF-1)
- IF TRUSS DOES NOT APPEAR ON THE TRUSS BRACING SHEET, NO ADDITIONAL LATERAL BRACING REQUIRED.



DIV-COMM-LOT-UNIT

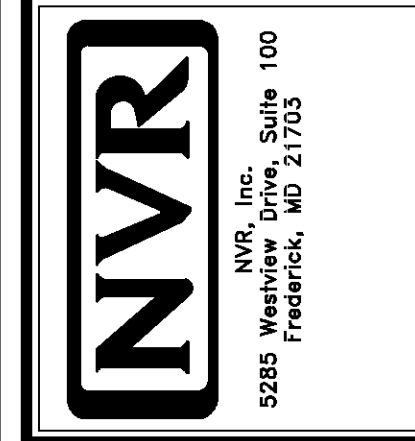
COM-LOT

STREET ADDRESS

CITY STATE ZIP

APT. NO.

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MODEL: CEDAR

DRAWING TITLE: ROOF FRAMING

OPTION DESCRIPTION: 21

SHEET NO. S-3

SET NO. CDROO

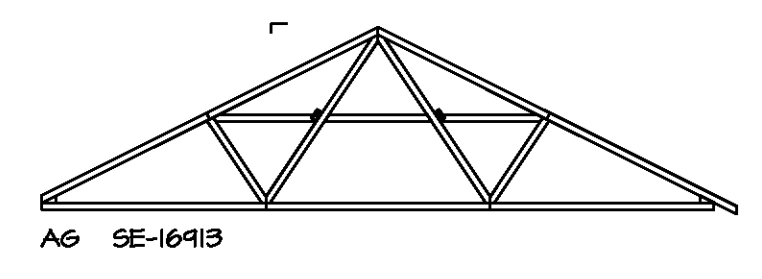
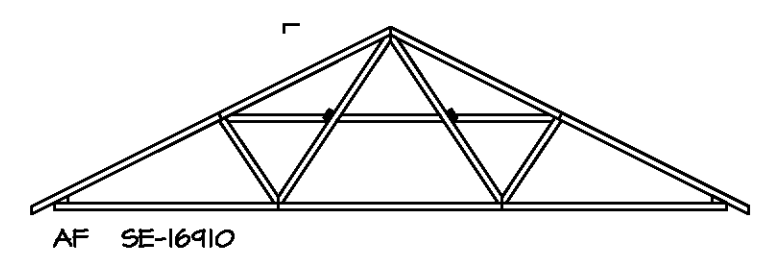
VERSION 01

DRAWN BY

DATE:

OPTION

FILE: C:\Users\ASD\OneDrive\Desktop\ASD\2021 And Hall-Compliments RIVA DETACHED CEDAR_CDROO_01\ELC_B_06-0140\21_S-3_RFF_LS.dwg 10/07/21 - 8:05 am

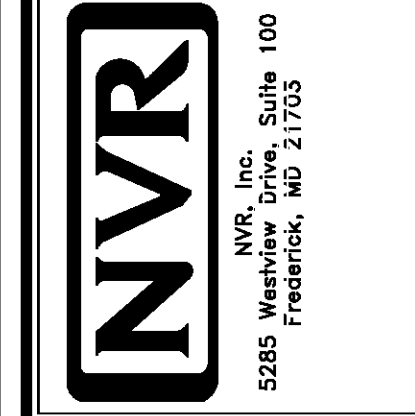


TRUSS BRACING DETAILS
SCALE: 1/8" = 1'-0"

- TRUSS BRACING NOTES**
- IF TRUSS DOES NOT APPEAR ON THIS TRUSS BRACING SHEET, NO ADDITIONAL LATERAL BRACING IS REQUIRED.
 - 1X6 SPP#2 LATERAL BRACES SHALL BE NAILED TO MINIMUM (3) TRUSS MEMBERS WITH MINIMUM (2) 10D NAILS. PROVISIONS MUST BE MADE AT ENDS OR SPECIFIED INTERVALS TO RESTRAIN OR ANCHOR LATERAL BRACING.
 - WEB TT BRACE, DETAIL 5/RF-1c, IS REQUIRED WHERE LATERAL BRACING IS NOT CONTINUOUS ACROSS THREE (3) OR MORE TRUSSES AND MAY BE USED IN LIEU OF 1X6 LATERAL BRACING.
 - DIAGONAL BRACING REQUIRED WHEN LATERAL BRACING IS REQUIRED (7/RF-1).
 - STUDDED GABLE BRACING DETAIL 1/RF-1c TO BE UTILIZED FOR TRUSSES 6'-4" IN HEIGHT OR GREATER.
 - PARTIALLY SHEATHED GABLES, SEE 5/RF-1c FOR "L" BRACING WHEN REQUIRED.
 - LATERAL BRACING CAN BE APPLIED TO EITHER SIDE OF THE WEB MEMBER IDENTIFIED IN THE DRAWING.
 - SHEATHING (OSB OR GYPSUM) REPLACES LATERAL AND DIAGONAL TRUSS BRACING.

DIV-COMM-LOT-UNIT
COMM-LOT
STREET ADDRESS
CITY STATE ZIP
APT. NO.

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MODEL CEDAR	SET NO. CDPROO	VERSION 01
DRAWING TITLE TRUSS BRACING DETAILS	DRAWN BY	DATE:
OPTION DESCRIPTION	OPTION	
SHEET NO. S-4		22

BRACED WALL LINE SCHEDULE				
WIND SPEED (MLT)	IDENTIFIER	ACTUAL (FT)	REQUIRED (FT)	METHOD
130 MPH	BWL 100.00	14.57'	9.36'	CONTINUOUS (2 SIDES)
130 MPH	BWL 101.00	19.46'	14.78'	WSP (2 SIDES)
130 MPH	BWL 102.00	22.74'	10.78'	WSP (2 SIDES)
130 MPH	BWL 103.00	26.42'	15.24'	WSP (2 SIDES)
130 MPH	BWL 200.00	21.00'	5.18'	WSP (2 SIDES)
130 MPH	BWL 201.00	21.32'	7.06'	WSP (2 SIDES)
130 MPH	BWL 202.00	34.29'	5.18'	WSP (2 SIDES)
130 MPH	BWL 203.00	25.13'	7.06'	WSP (2 SIDES)

FASTENING SCHEDULE			
SHEATHING	FASTENER	SPACING	
		EDGES	FIELD
1/8" WOOD STRUCTURAL PANELS OR EQUIVALENT (W METHOD WSP, CS-WSP, CS-6)	8d COMMON NAILS	6" O.C.	12" O.C.
	ALTERNATIVE FASTENER 1-3/4" 16-GAUGE CORROSION RESISTANT STAPLES	3" O.C.	12" O.C.
1/2" GYPSUM WALLBOARD (W METHOD GB-1, GB-2)	1-1/4" LONG, 1/4" HEAD, 0.018" DIA. ANNULAR-RINGED NAILS	7" O.C.	7" O.C.
	CORROSION RESISTANT TYPE M 1-1/4" DRYWALL SCREWS	7" O.C.	7" O.C.
LAMINATED FIBROUS STRUCTURAL SHEATHING	10d X 1 1/4" GALVANIZED ROOFING NAILS	3" O.C.	3" O.C.
	1-1/4" 16-GAUGE CORROSION RESISTANT STAPLES	3" O.C.	3" O.C.
1/2" GYPSUM WALLBOARD BLOCKED AT THE EDGES (W METHOD GB-BW-1, GB-BW-2)	BLOCKING REQUIRED AT ALL GYPSUM EDGES. USED CORROSION RESISTANT TYPE M 1-1/4" DRYWALL SCREWS	4" O.C.	12" O.C.

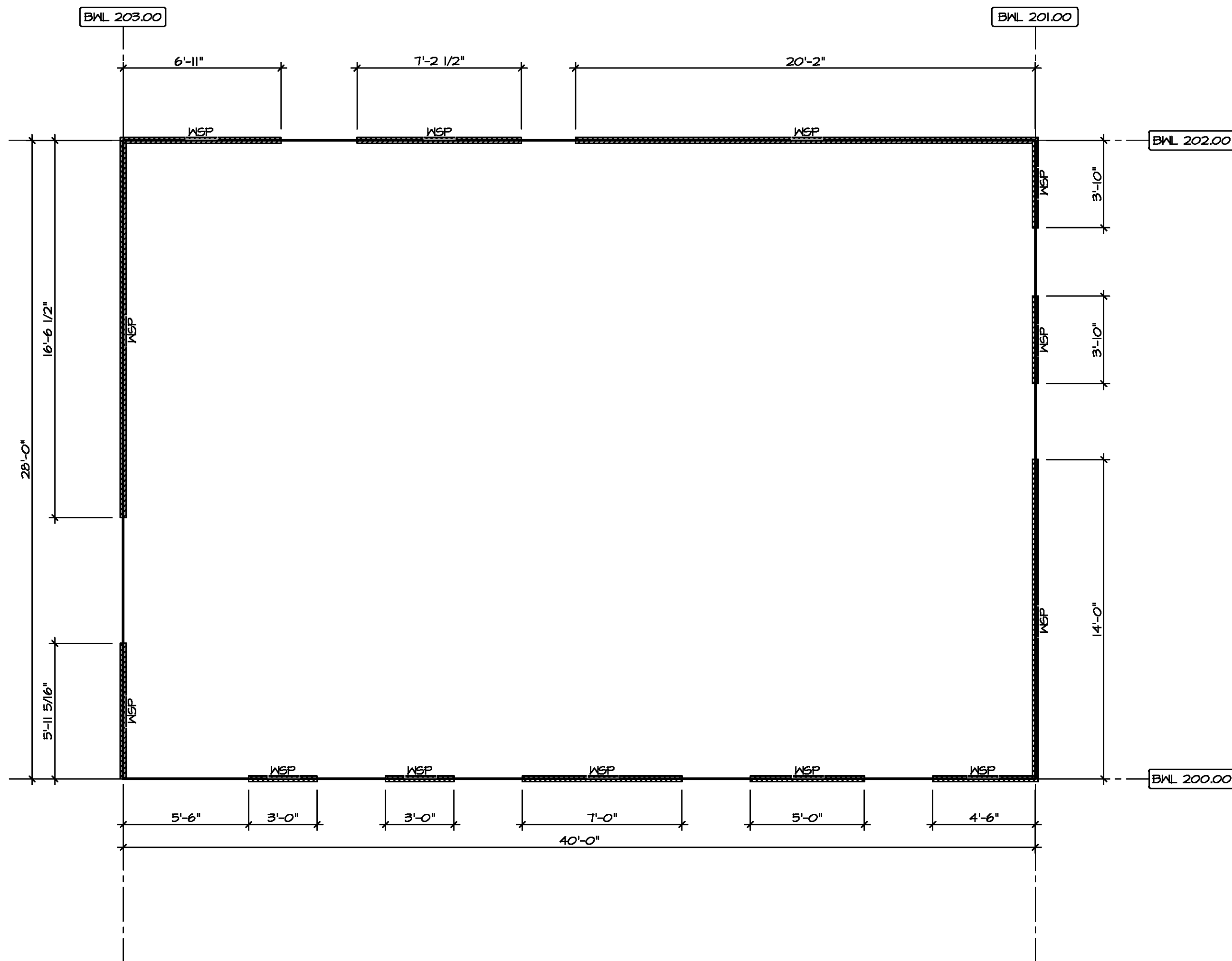
NOTES:

- MINIMUM 1/16" CROWN WIDTH FOR STAPLES IN WOOD STRUCTURAL PANEL.
- SPECIFIED GYPSUM FASTENINGS REQUIRED ONLY WHERE METHOD GB IS IDENTIFIED. SEE PHASE SPECS FOR TYPICAL GYPSUM FASTENER SPACING.
- USE OF STAPLES IN WOOD STRUCTURAL PANEL AS FASTENING METHOD ON WALLS PER ENGINEERED ALTERNATIVE.

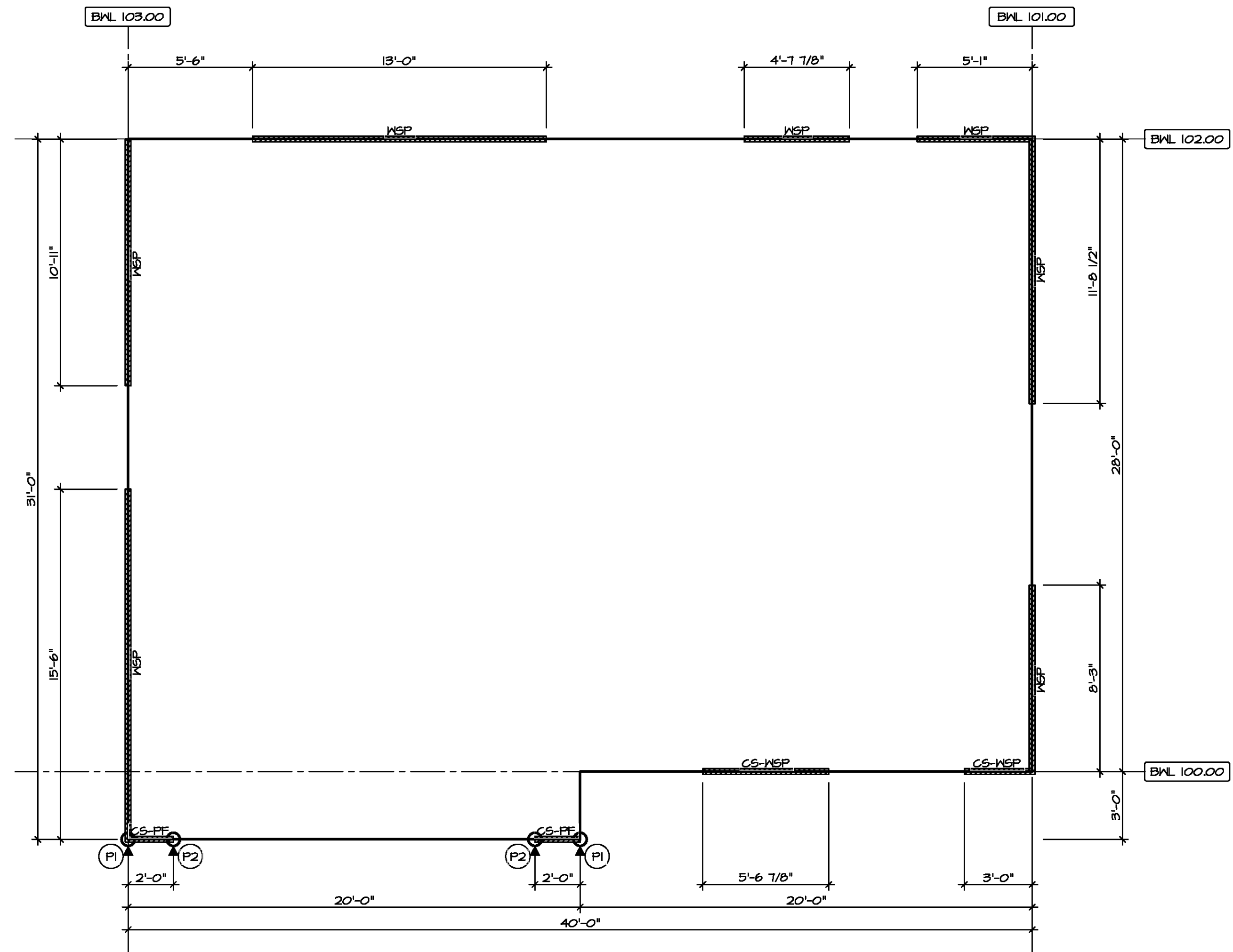
LEGEND	
BWL XXXXX	BRACED WALL LINE I.D.
---	BRACED WALL LINE
---	HOUSE WALL
	BRACED WALL PANEL
WSP	WOOD STRUCTURAL PANEL
GB	GYPSUM BOARD (1) SIDED OR (2) SIDED
GB-BW	GYPSUM BOARD BLOCKED WALL CONSTRUCTION (1) SIDED OR (2) SIDED (SEE STANDARD DETAIL G/MB-2)
LIB	LET-IN BRACINGS (SEE STANDARD DETAIL F / MB-2)
CS-WSP	CONTINUOUS SHEATHING - WOOD STRUCTURAL PANEL
CS-PF	CONTINUOUS SHEATHING - PORTAL FRAME. SEE FLOOR PLANS FOR PORTAL FRAME HEADER INFORMATION (SEE STANDARD DETAIL A, C/ MB-2)
CS-6	CONTINUOUS SHEATHING - WOOD STRUCTURAL PANEL ADJACENT TO GARAGE OPENINGS
⊙	HOLD-DOWN 1. SEE SHEET MB-2 "P" - INDICATOR SCHEDULE AND DETAILS 2. ARROW INDICATES LOCATION

NOTES:

HOUSE HAS BEEN ANALYZED UTILIZING A PRESCRIPTIVE METHOD IN COMPLIANCE WITH INTERNATIONAL RESIDENTIAL CODES (IRC) UNLESS OTHERWISE NOTED.



2
SECOND FLOOR
BRACED WALL DETAIL
SCALE: 1/4" = 1'-0"

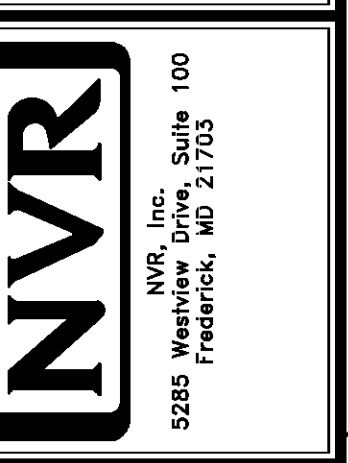


1
FIRST FLOOR
BRACED WALL DETAIL
SCALE: 1/4" = 1'-0"



DIV-COMM-LOT-UNIT
COM-LOT
STREET ADDRESS
CITY
STATE
ZIP

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MODEL: CEDAR
DRAWING TITLE: BRACED WALL PANEL DETAIL
OPTION DESCRIPTION: 2B

SHEET NO. S-5

SET NO. CDROO
VERSION 01
DRAWN BY:
DATE:
OPTION