

NOTICE TO CONTRACTOR
All construction must comply with current NC Building Codes and is subject to field inspection and verification.

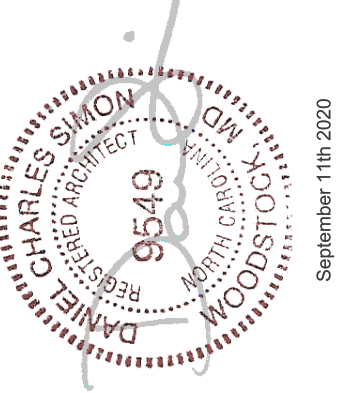
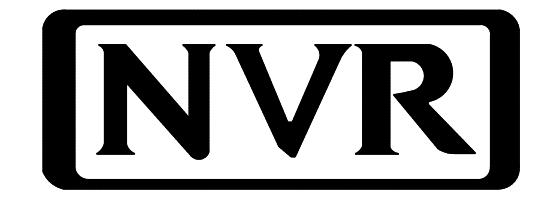
APPROVED
Contract Building only review
Permit holder responsible for
full compliance with the code

09/23/2020



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.													
SPEC SHEET	SS-1													AD-1
ROOF VENT AND CALCULATION SHEET	CA-1													DR-1
ELEVATIONS	4													DR-1b
FOUNDATION	5													ET-1b
FOUNDATION HOLD DOWNS	6													ET-1c
PLUMBING	7													ET-1d
FIRST FLOOR PLAN	9													F-1
SECOND FLOOR PLAN	10													F-1b
BUILDING SECTIONS	11/12													F-1c
SECOND FLOOR FRAMING	20													FA-1b
ROOF FRAMING	21													FC-1
TRUSS BRACING	22													FC-4
WALL BRACING	23													FC-5
														FD-1
														FD-1b
														FD-4
														IT-1
														IT-1b
														JT-1
														JT-1b
														JT-3
														JT-3b
														KT-1
														RF-1
														RF-1b
														RF-1c
														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)	783 SF
	783 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)	783 SF
2ND FLOOR (BASE SF)	1120 SF
	1903 SF

SET - VERSION
CDR00-01 **CS-1**



ROOF VENTILATION CALCULATIONS

HOUSE NAME
HOUSE VERSION
PRODUCT LINE
VENTILATION VALUES

HOUSE NAME	CEDAR
HOUSE VERSION	CDR00_01
PRODUCT LINE	RYANHOMES
SCOFF:	9.0 sq in of vent per lf
RIDGE:	18 sq in of vent per lf
BOX / GABLE VENT:	45 sq in of vent per unit

USER GUIDE	YES (any)	(any)	VENT OK	No action req'd.
	NO	YES	OK VENT OK	No action req'd.
	NO	YES	LOW FAIL	Increase ridge
	NO	YES	HIGH FAIL	Increase ridge
	NO	NO	FAIL	Increase total vent

ELEVATION "A or F or K"															
Location / Options	Area (A) (sq ft)	Required A/300 (sq ft)	Required A/200 (sq ft)	Soffit (sq ft)	Soffit Vent (sq ft)	Ridge (sq ft)	Ridge Vent (sq ft)	Upper Rim / Gable Vent (sq ft)	Lower Rim Vent (sq ft)	TOTAL (sq ft)	OK A/150	OK A/300	A/300 % vent of ridge	A/200 % vent of ridge	Notes
Main House Roof	11180	1879.20	537.60	45	508.00	12	324.00			277.25	NO	YES	81.3%	OK	
Garage Roof	11880	79.20	39.60	27.5	272.25		0.00			272.25	YES	N/A	N/A	N/A	

ELEVATION "B or L"															
Location / Options	Area (A) (sq ft)	Required A/300 (sq ft)	Required A/200 (sq ft)	Soffit (sq ft)	Soffit Vent (sq ft)	Ridge (sq ft)	Ridge Vent (sq ft)	Upper Rim / Gable Vent (sq ft)	Lower Rim Vent (sq ft)	TOTAL (sq ft)	OK A/150	OK A/300	A/300 % vent of ridge	A/200 % vent of ridge	Notes
Main House Roof	11180	1879.20	537.60	45	508.00	12	324.00			277.25	NO	YES	81.3%	OK	
Garage Roof	11880	79.20	39.60	27.5	272.25		0.00			272.25	YES	N/A	N/A	N/A	



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)

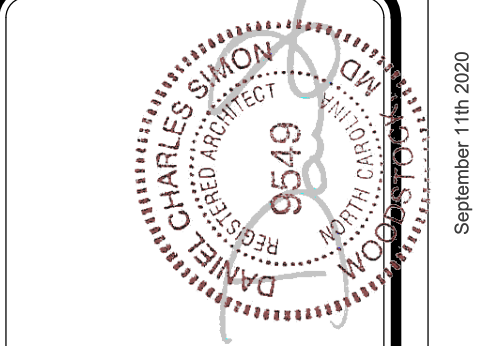
ELEVATION "X"			
Location / Area of house	Floor Area (sq. ft.)	Mean height (ft.)	Total volume (cu. Ft.)
Main section of the house			0
Garage bump out from main house			0
Porch on front of house			0
Total House Volume			0

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
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

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

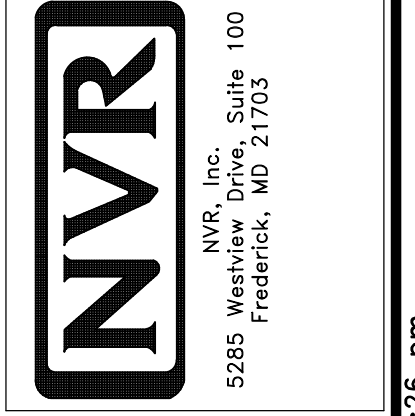
CITY

STATE

ZIP

APT. NO.

The owner expressly reserves its right to modify or amend these plans at any time without notice. These plans are not to be reproduced, changed, or altered in any way without the written consent of NVR, Inc.



SHEET NO. CA-1

MODEL CEDAR

DRAWING TITLE

OPTION DESCRIPTION

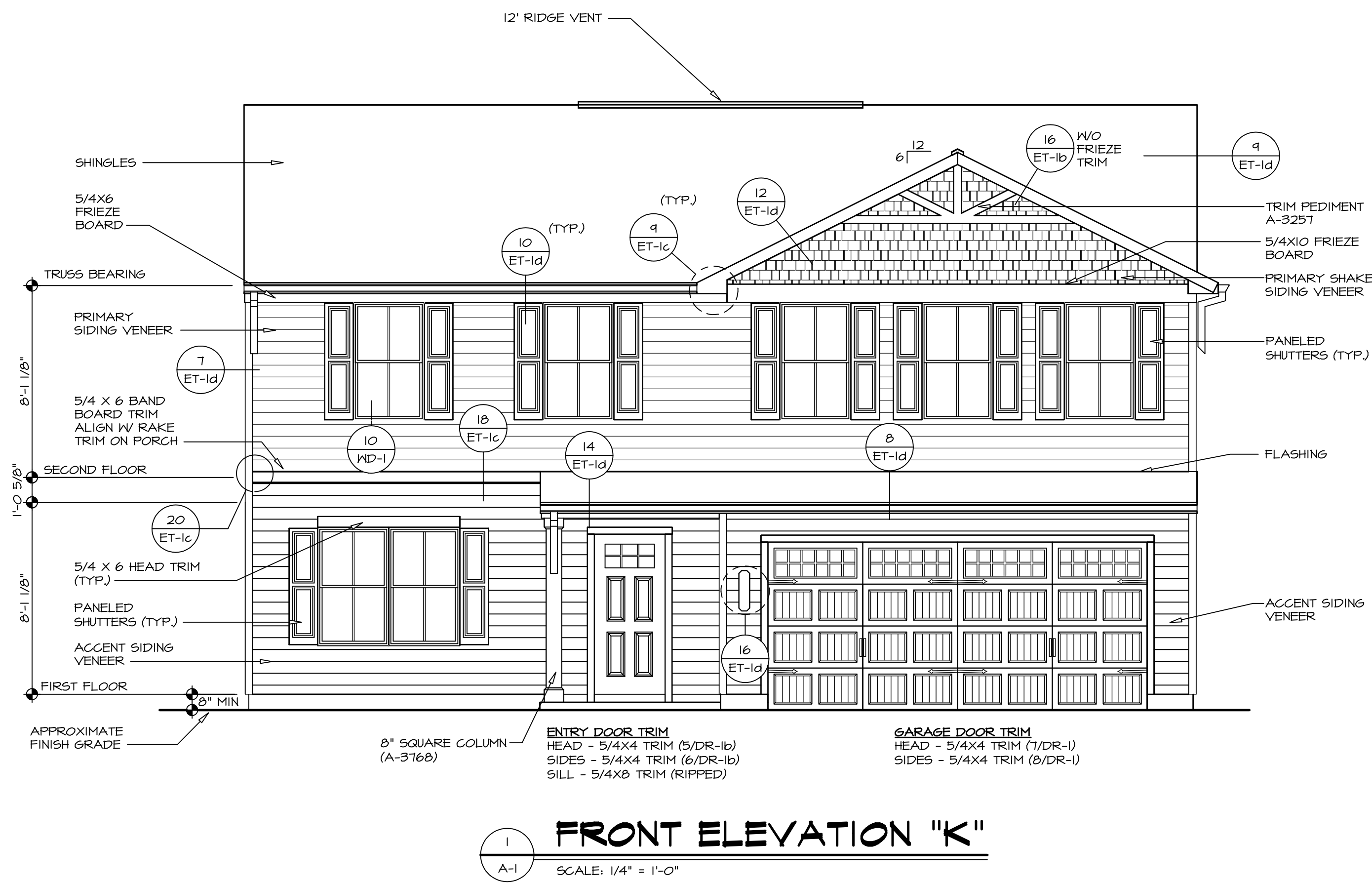
SET NO. CDR00_01

VERSION 01

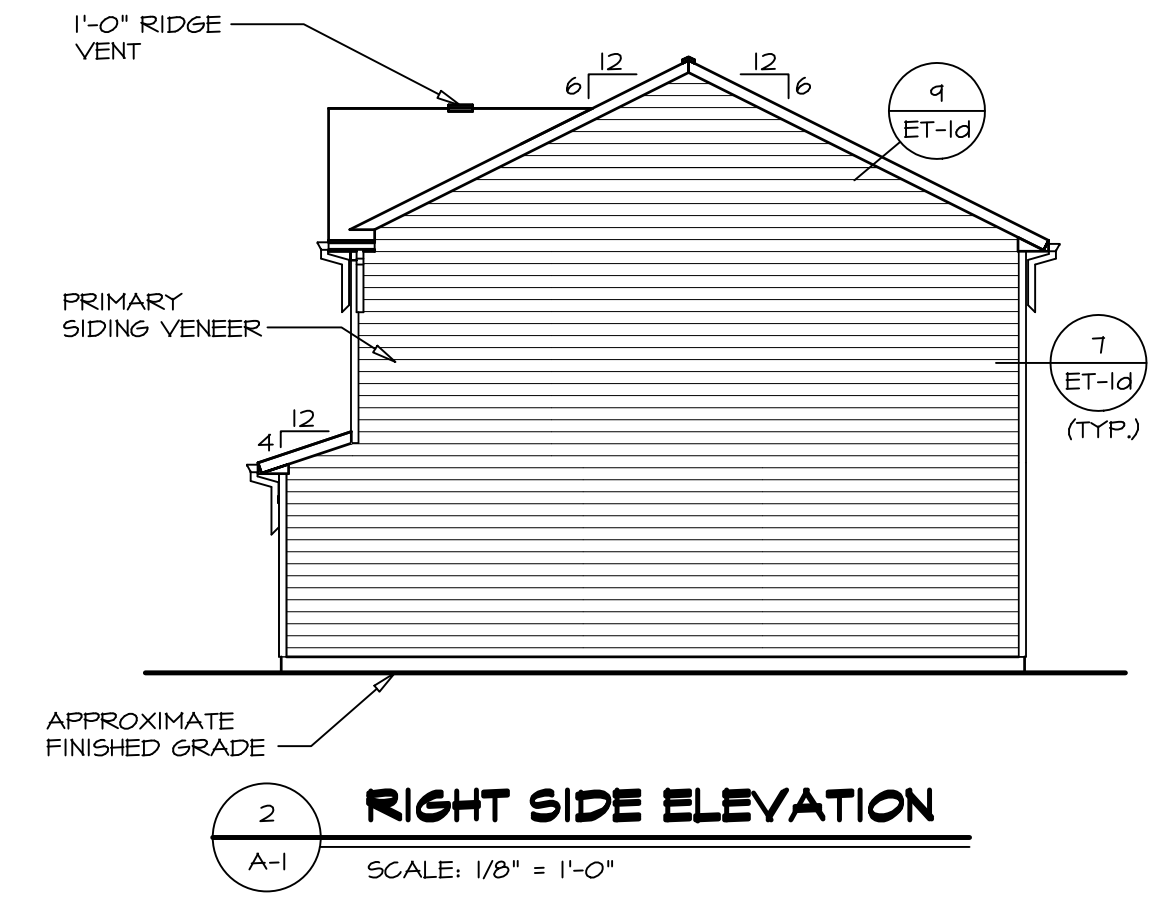
DRAWN BY

DATE

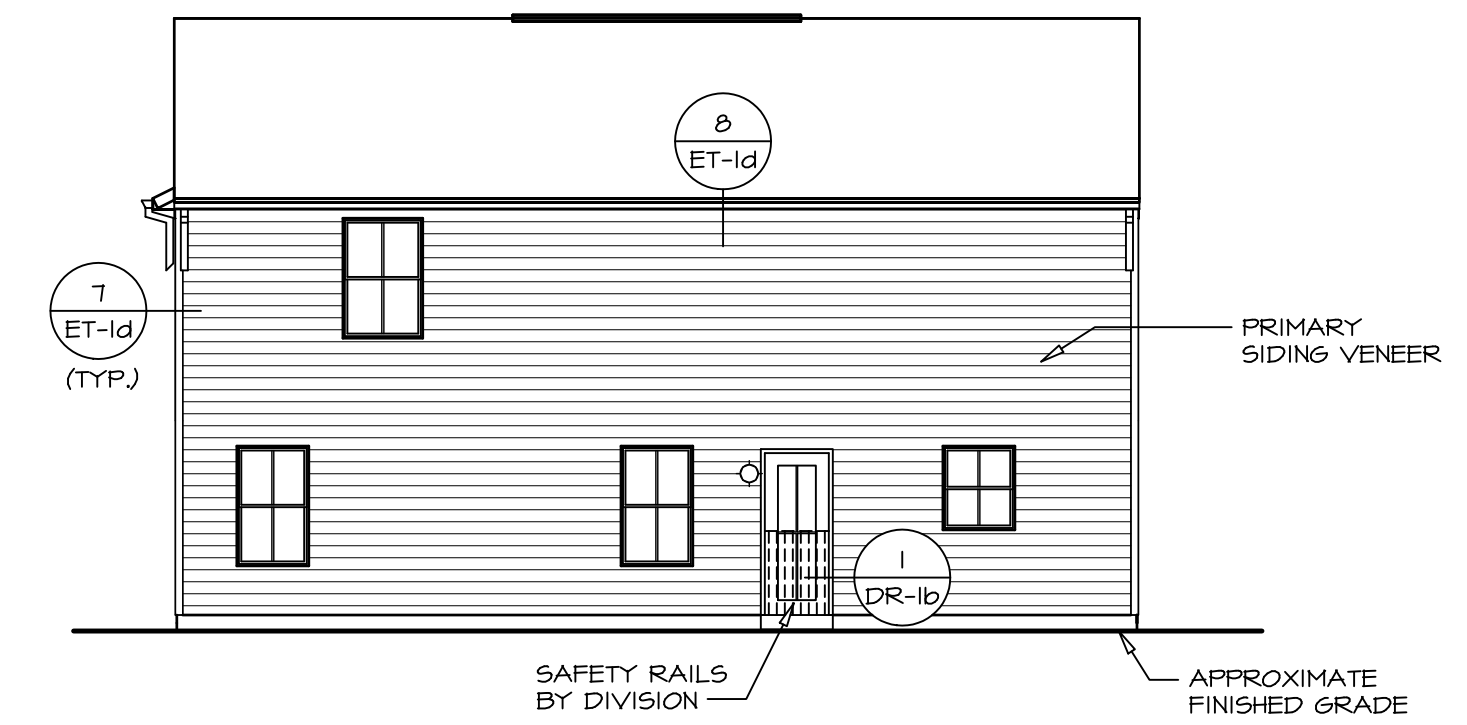
OPTION



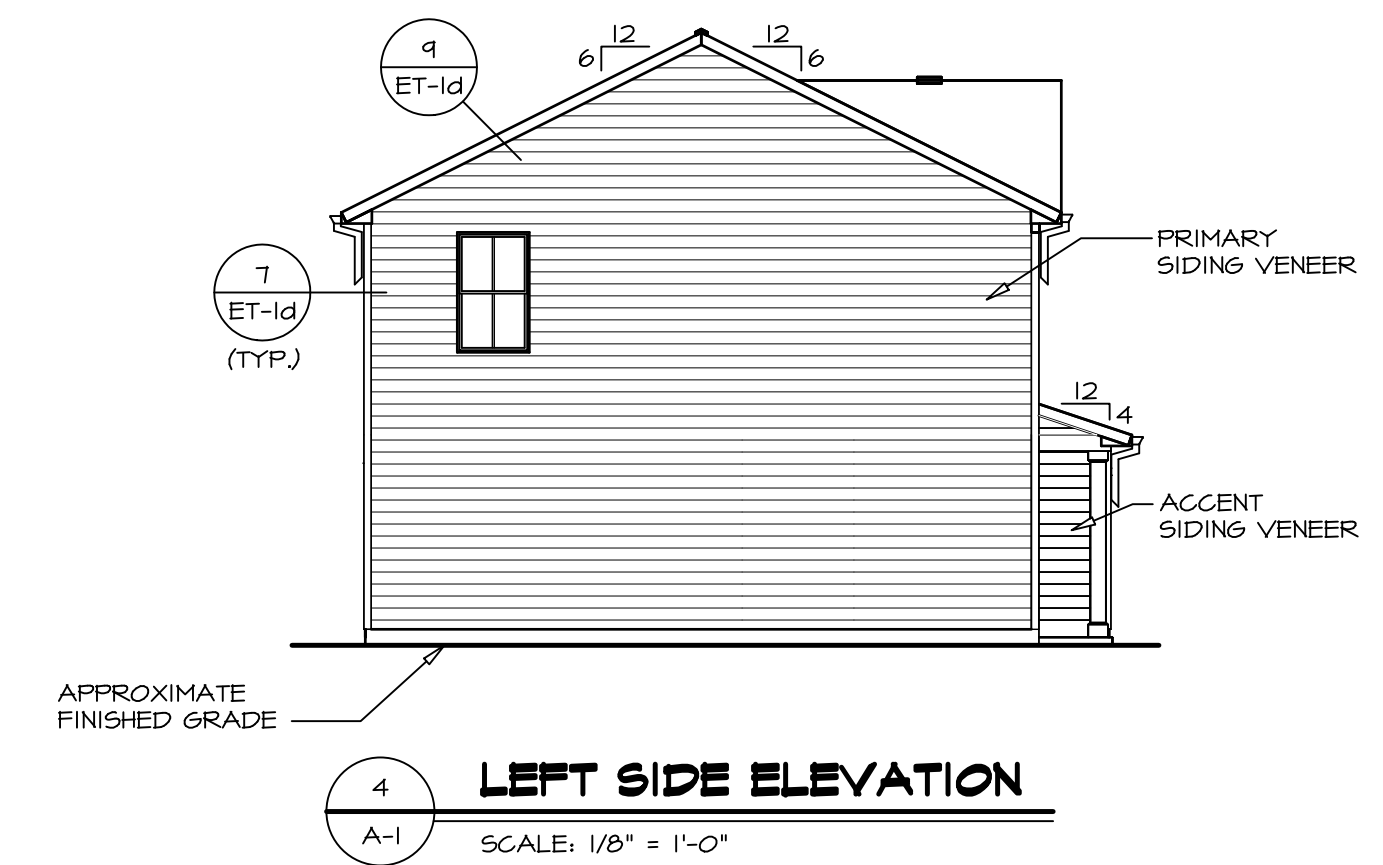
1 FRONT ELEVATION "K"
SCALE: 1/4" = 1'-0"



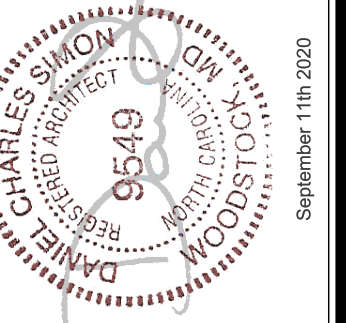
2 RIGHT SIDE ELEVATION
SCALE: 1/8" = 1'-0"



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

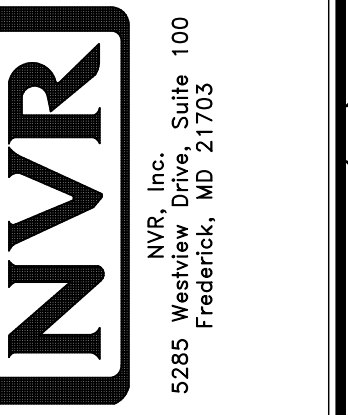


4 LEFT SIDE ELEVATION
SCALE: 1/8" = 1'-0"



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

© NVR, Inc. expressly reserves the right to modify or change these plans without notice. These plans are not to be reproduced, changed or altered in any way without the written consent of NVR, Inc.



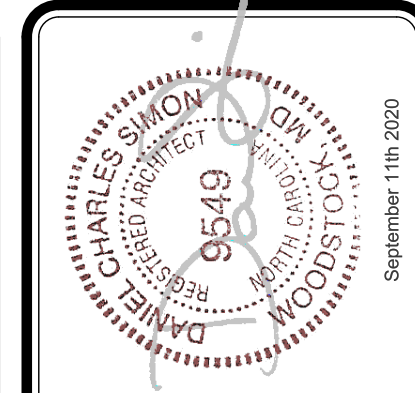
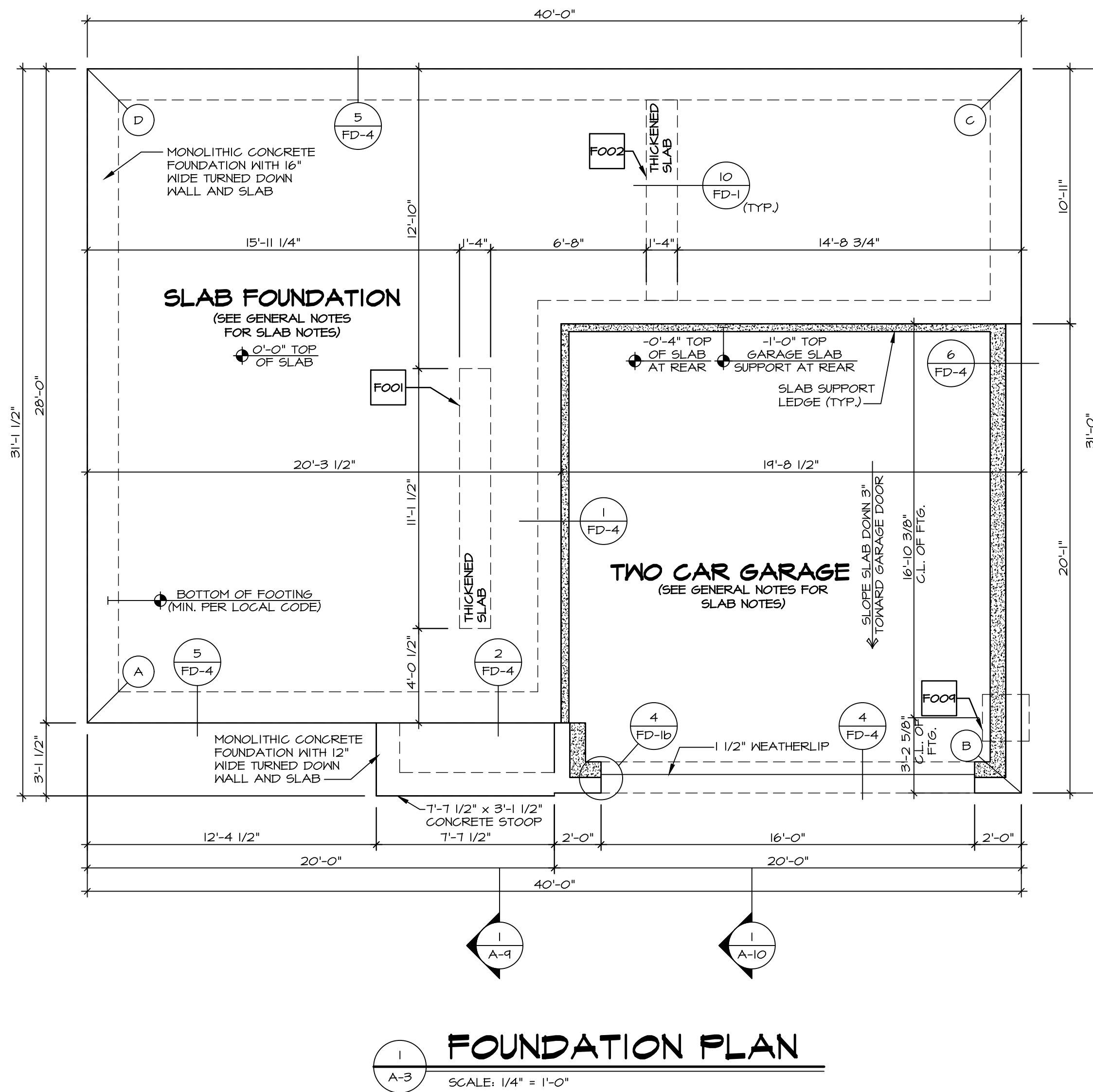
MODEL	CEDAR
SHEET NO.	A-1
SET NO.	CDROO
VERSION	01
DRAWN BY	---
DATE:	---
OPTION	FSA
DRAWING TITLE	ELEVATIONS
OPTION DESCRIPTION	SLAB FOUNDATION
	4

PAD FOOTING SCHEDULE					
IDENTIFIER	LENGTH	WIDTH	HEIGHT	ENS. N.M.	REMARKS
FO01	11'-1 1/2"	1'-4"	0'-8"	S0001	
FO02	8'-7"	1'-4"	0'-8"	S0001	
FO04	2'-0"	2'-0"	1'-0"	1016	

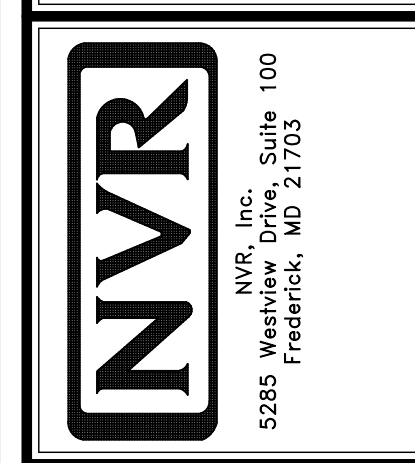
FOUNDATION DIAGONALS			
A		B	
A	0"	A	40'-1 11/32"
B	40'-1 11/32"	B	0"
C	48'-4 29/32"	C	31'-0"
D	28'-0"	D	50'-7 9/32"

- FOUNDATION NOTES - SLAB**
- FOUNDATION UNDER HABITABLE SPACE:
1.1. CONCRETE SLAB ON 6 MIL VAPOR BARRIER OVER SUB-BASE (SEE SPEC SHEET FOR SLAB NOTES)
 - FOUNDATION UNDER GARAGE:
2.1. UNEXCAVATED WITH CONCRETE SLAB ON VAPOR BARRIER OVER SUB-BASE (SEE SPEC SHEET FOR SLAB NOTES) OR
2.2. 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 GB-1 FOR DETAILS.
 - THE DIRECTION OF THE ARROW IS THE DIRECTION OF REBAR, AS REQUIRED.
 - ALL FOOTINGS ARE PLAIN, UNREINFORCED CONCRETE UNLESS NOTES OTHERWISE.

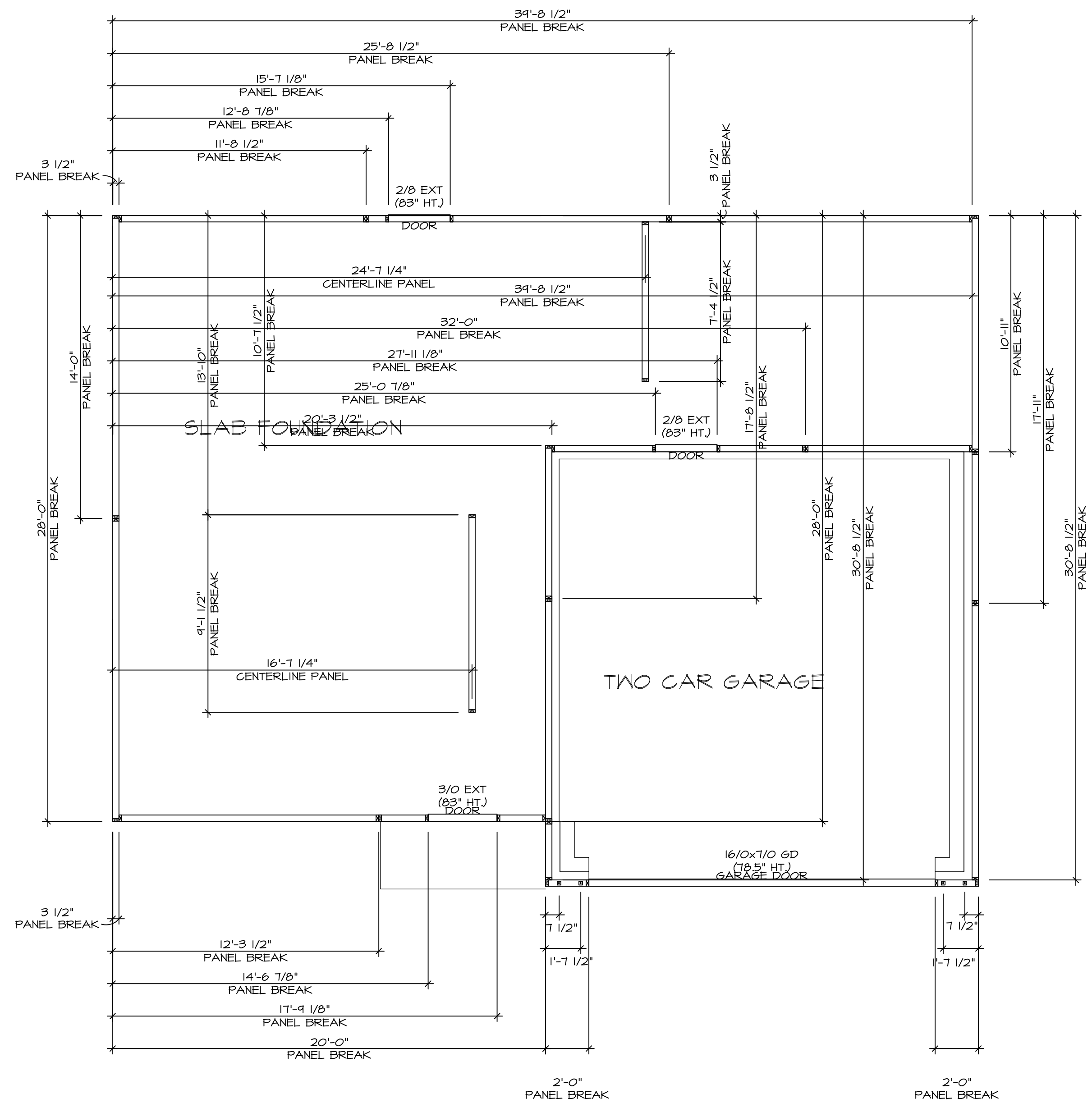
- LEGEND**
- BEARING WALL
 - NON BEARING WALL
 - INDICATES BEARING FROM POINT-LOAD ABOVE
 - JACKS
 - BEAM/HEADER
 - PAD FOOTING
 - STEEL COLUMN
 - TRUSS TIE DOWN
 - PORTAL FRAME
 - JOIST/TRUSS
 - LVL
 - ENGINEERING PAGE NUMBER
- SEE FC DETAILS FOR FRAMING CONNECTORS



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

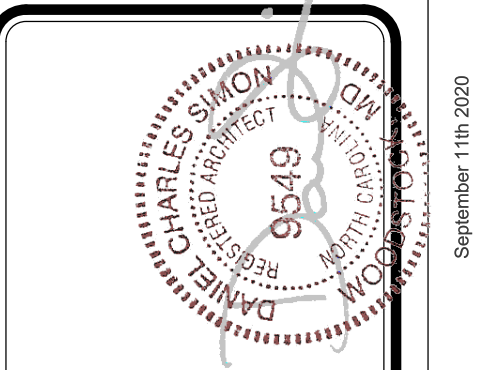


MODEL	CEDAR	SET NO.	CDROO
DRAWING TITLE	FOUNDATION PLAN	VERSION	01
OPTION DESCRIPTION	SLAB FOUNDATION	DRAWN BY	
SHEET NO.	A-3	DATE:	
	5	OPTION	FSA



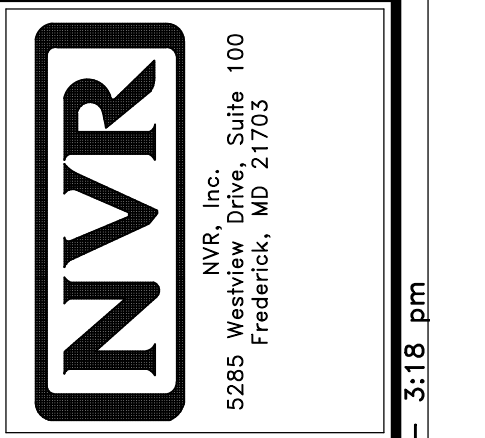
FOUNDATION HOLD DOWN DETAILS
 SCALE: 1/4" = 1'-0"

HOLD DOWN NOTES	
REFER TO DETAIL (1/FD-1) FOR HOLD DOWN OFFSET DIMENSIONS. REFER TO DETAIL (12/FD-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 (16B-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 (16B-2) FOR MORE INFORMATION. 3. BOLT LOCATION ON PLANS SHOWN BY SOLID DIMENSION TO CENTER OF BOLT

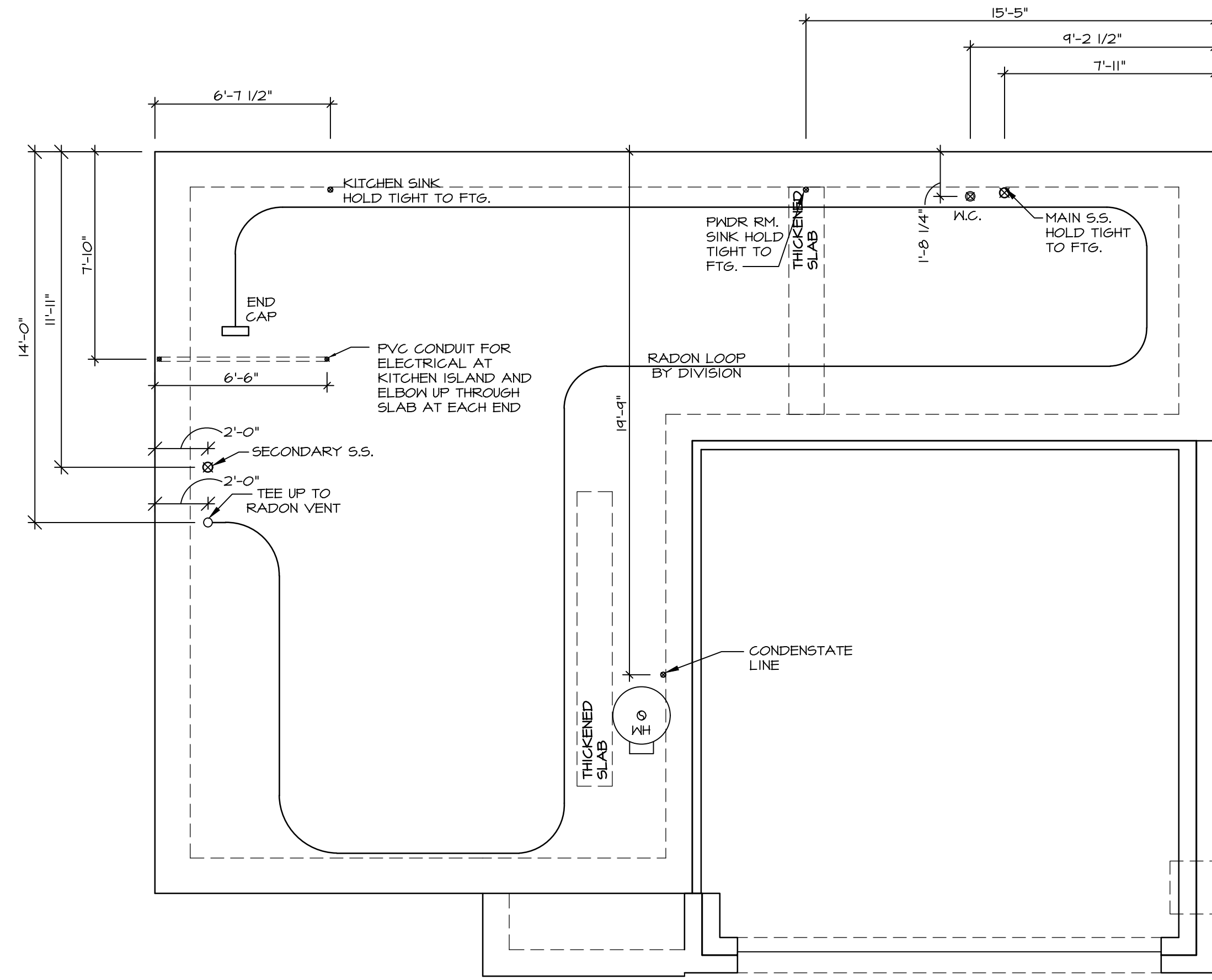


DIV-COMM-LOT-UNIT -----
 COMM-LOT -----
 STREET ADDRESS -----
 CITY ----- STATE ----- ZIP -----
 APT. NO. -----

The owner expressly reserves its right to modify or change these plans at any time without notice. These plans are not to be reproduced, changed, or altered in any way without the written consent of NVR, Inc.



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



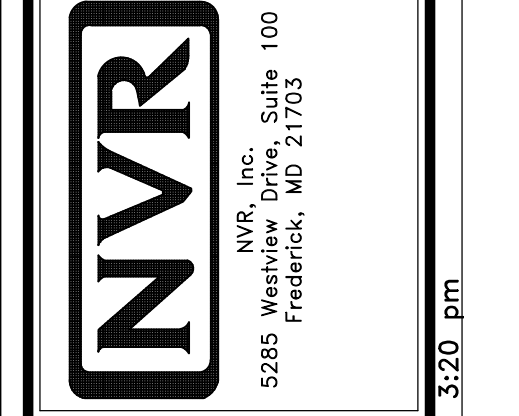
PLUMBING PLAN
 SCALE: 1/4" = 1'-0"

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.



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

The owner expressly reserves its right to be reproduced, changed, or assigned to any third party, without the consent of NVR, Inc.



MODEL CEDAR	SET NO. CDPROO	VERSION 01
DRAWING TITLE PLUMBING PLAN	DRAWN BY	DATE:
OPTION DESCRIPTION	OPTION	
SHEET NO. A-5		
		7



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	1025	
J107	JACK - (4) 2X4 SFF	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 PLY	4'-1"	1019	

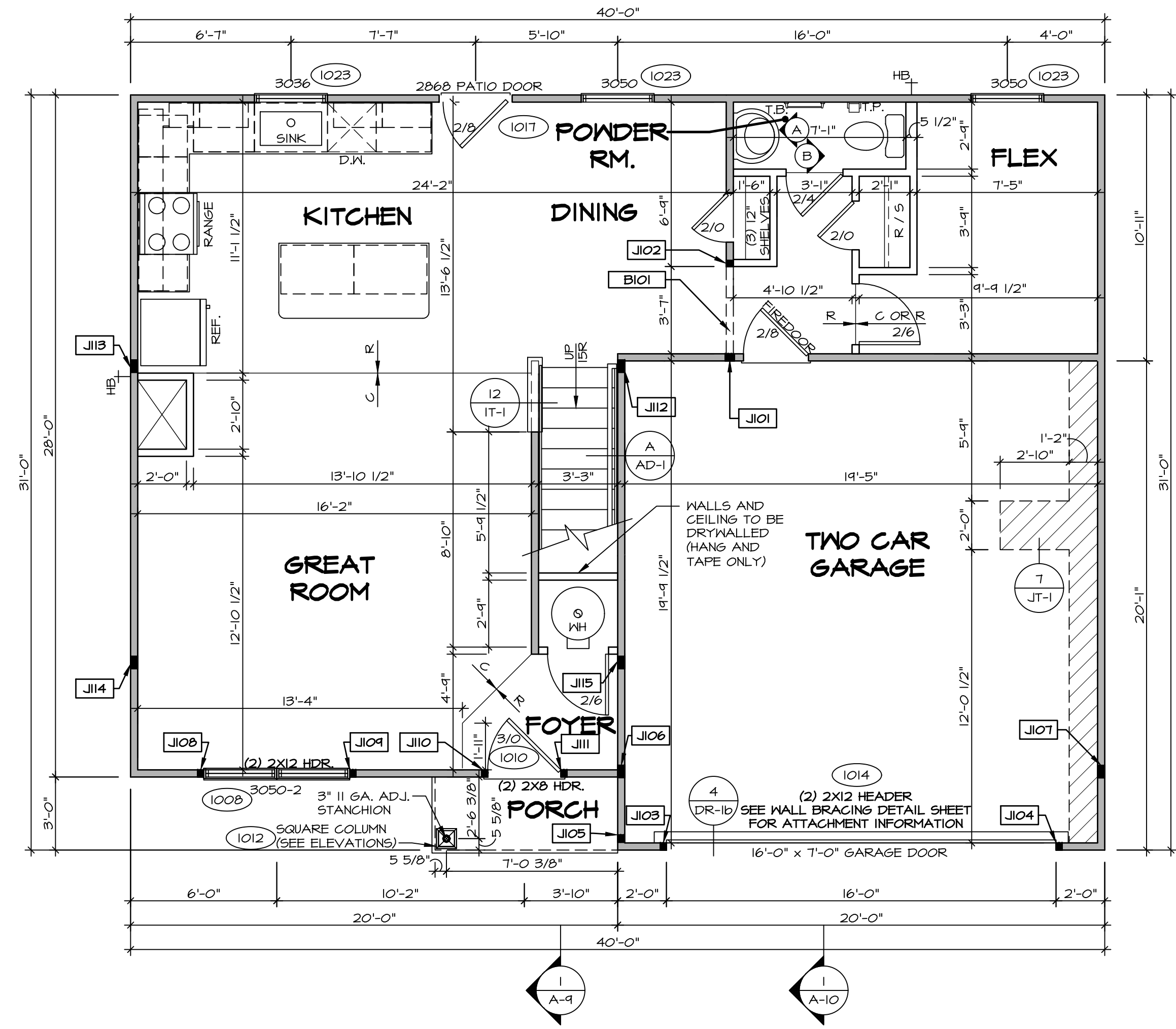
- FLOOR PLAN NOTES**
- ALL HEADERS ARE (2) 2X6 w/ 2X4 WALLS OR (3) 2X6 w/ 2X6 WALLS, UNLESS OTHERWISE NOTED.
 - ALL HEADERS TO HAVE (1) 2X4 OR 2X6 JACK AND KING STUD EACH END, UNLESS OTHERWISE NOTED.
 - MULTI-OPENING HEADERS TO HAVE (2) JACKS AT INTERMEDIATE BEARINGS, UNLESS OTHERWISE NOTED. NO ADDITIONAL 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 "1T" SHEET(S) FOR INTERIOR TRIM DETAILS.
 - SEE ARCHITECTURAL DETAIL SHEET "AD" FOR HOUSE SPECIFIC INTERIOR TRIM OPTION TABLE.
 - ALL WINDOWS HAVE "1-0 1/2" HEADER HEIGHT UNLESS OTHERWISE NOTED.
 - ALL HEADERS IN NON-BEARING WALLS SHALL BE A SINGLE FLAT 2X4 OR 2X6 ATTACHED TO GRIFFLES 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 ASSEMBLY OR AS REQUIRED BY LOCAL CODE.
- AT STAIRS:
1/2" GYPSUM BOARD AT UNDERSIDE OF STAIRS AND WALLS IN CLOSET.

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



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

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

© NVR, Inc. expressly reserves the right to modify these plans without notice. These plans are not to be reproduced, changed, or altered in any way without the written consent of NVR, Inc.

NVR
NVR, Inc. Suite 100
5285 Walkersville Rd
Frederick, MD 21703

SHEET NO. **A-7**
MODEL **CEDAR**
DRAWING TITLE **FIRST FLOOR PLAN**
OPTION DESCRIPTION **9**

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

Y:\As-Sold\2-Jobs\ASD\2020 2ndHalf-Complete\PLN\DETACHED\CEDAR_CDROO_01\ELK-P-06-0040\9 A-7 PLAN_US.dwg 09/10/20 1:17 pm

FLOOR PLAN NOTES

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

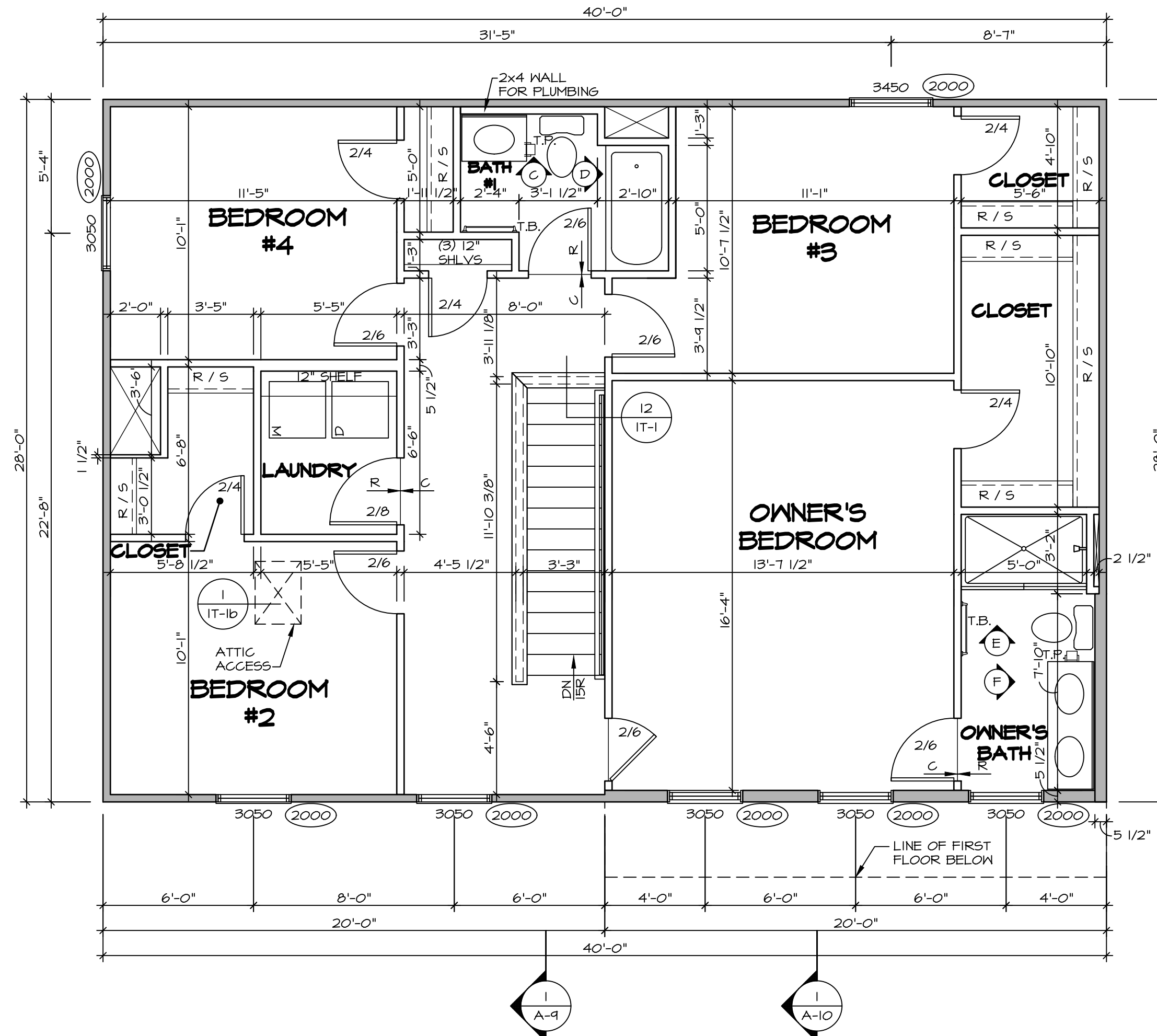
GYPSON NOTES

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

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

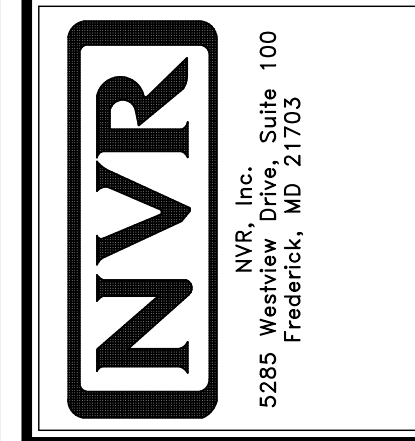


SECOND FLOOR PLAN
 SCALE: 1/4" = 1'-0"

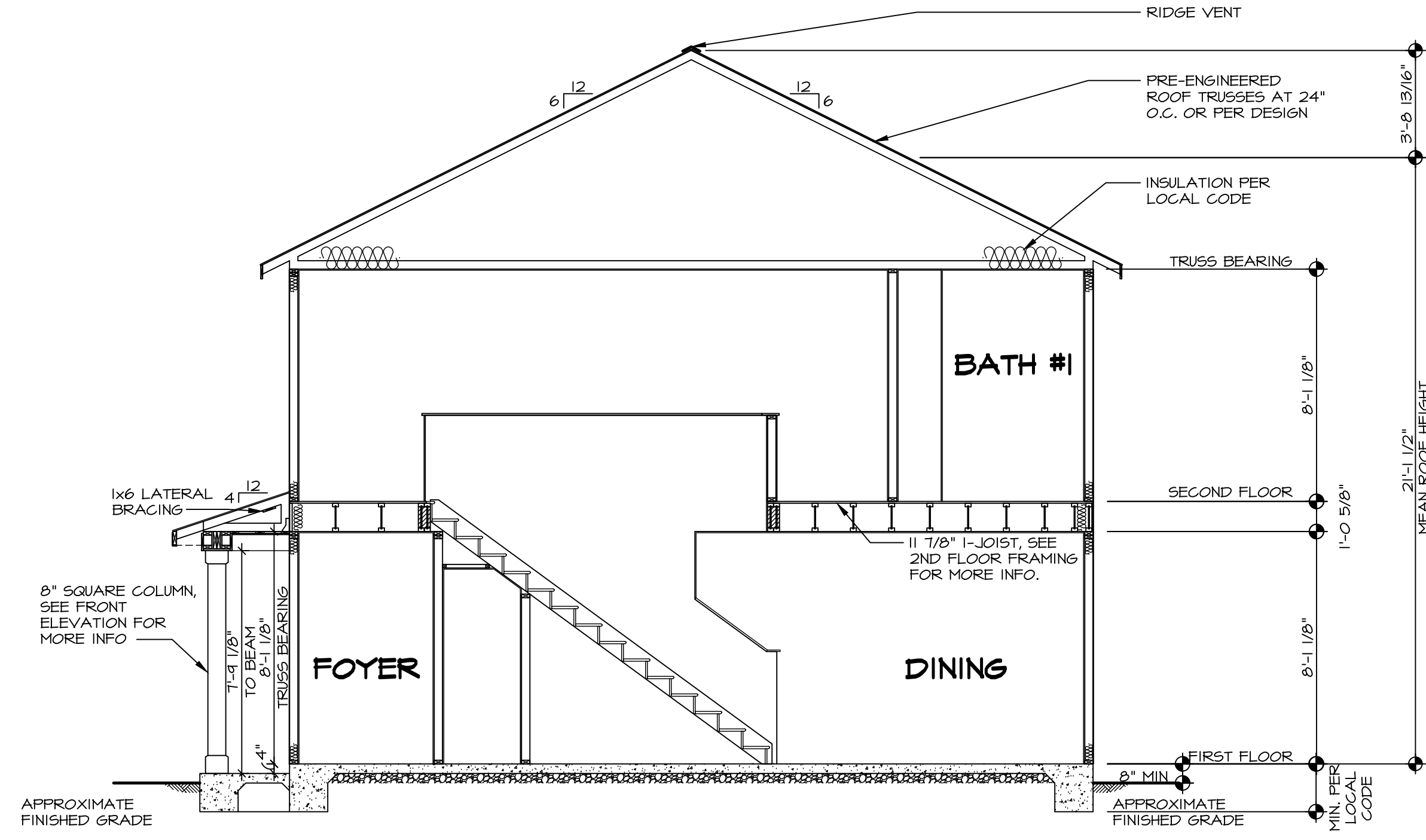


 DIV-COMM-LOT-UNIT
 COMM-LOT
 STREET ADDRESS
 CITY
 STATE
 APT. NO.
 ZIP

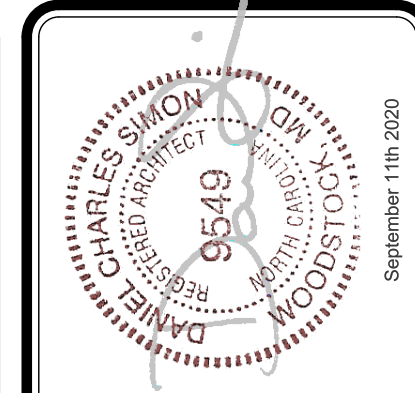
© NVR, Inc. I hereby reserve the right to modify these plans without notice. These plans are not to be reproduced, changed or altered in any way without the written consent of NVR, Inc.



SHEET NO.	MODEL	SET NO.	OPTION
A-8	CEDAR	CDROO_01	
10	DRAWING TITLE	VERSION	DATE
	SECOND FLOOR PLAN	01	
	OPTION DESCRIPTION		

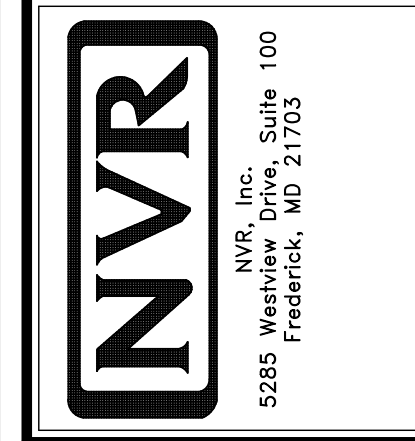


BUILDING SECTION - FOYER
 SCALE: 1/4" = 1'-0"

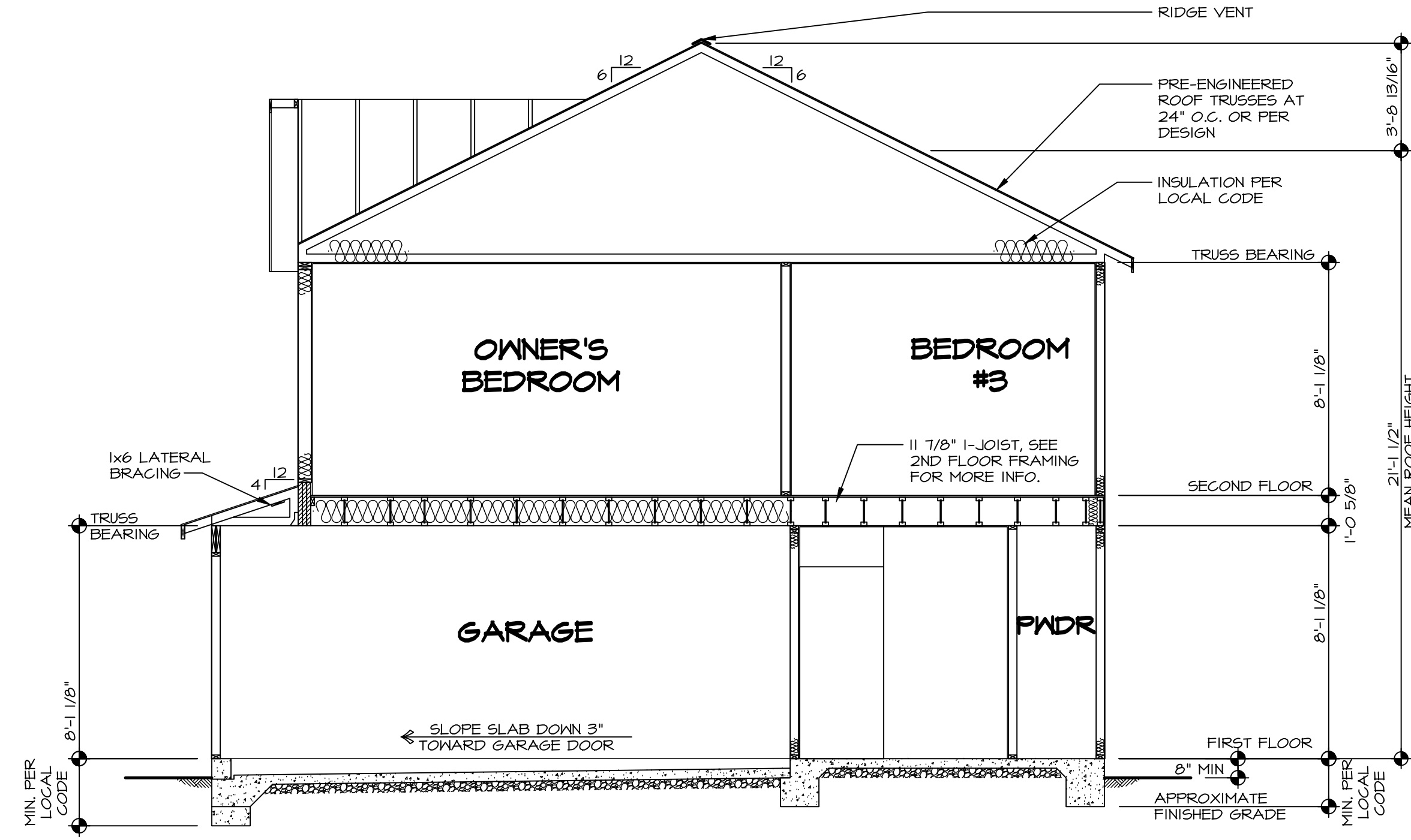


DIV-COMM-LOT-UNIT
 COMM-LOT
 STREET ADDRESS
 CITY STATE ZIP
 APT. NO.

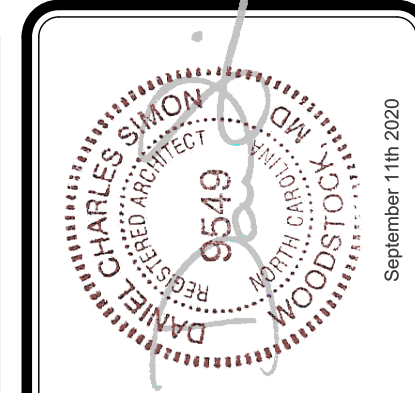
© NVR, Inc. expressly reserves the right to modify or amend these plans at any time without notice. These plans are not to be reproduced, changed or altered in any way without the written consent of NVR, Inc.



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

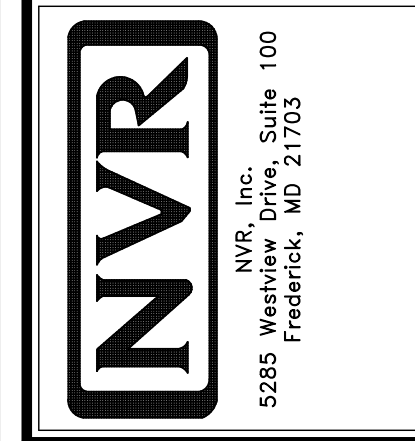


BUILDING SECTION - GARAGE
 SCALE: 1/4" = 1'-0"



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

© NVR, Inc. expressly reserves the right to modify or amend these plans at any time without notice. These plans are not to be reproduced, changed, or altered in any way without the written consent of NVR, Inc.



SHEET NO. A-10	MODEL CEDAR	SET NO. CDROO	VERSION 01
OPTION DESCRIPTION 12	DRAWING TITLE BUILDING SECTION - GARAGE	DRAWN BY	DATE:
		OPTION	

SECOND FLOOR LVL LENGTH SCHEDULE				
IDENTIFIER	DESCRIPTION	LENGTH	ENG. NUM.	REMARKS
L201-3	LVL 1.75 - 1Ø	20'-0"	1025	5A
L202	LVL 1.75 - 11-14	11'-4"	1004	

SECOND FLOOR FRAMING LENGTH SCHEDULE				
IDENTIFIER	DESCRIPTION	LENGTH	ENG. NUM.	REMARKS
2AA	PRI 60 - 11-14	34'-4 3/4"		J-0053
2AA-2	PRI 60 - 11-14 DBL	34'-4 3/4"	1036	J-0154
2AB	PRI 60 - 11-14	16'-6 1/8"		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"	1006	J-0055
2AG	PRI 60 - 11-14	34'-4 3/4"		J-0053
2AL	PRI 60 - 11-14	16'-6 1/8"	1037	J-0246

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 INCLUDING 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.

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 INCLUDING 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.

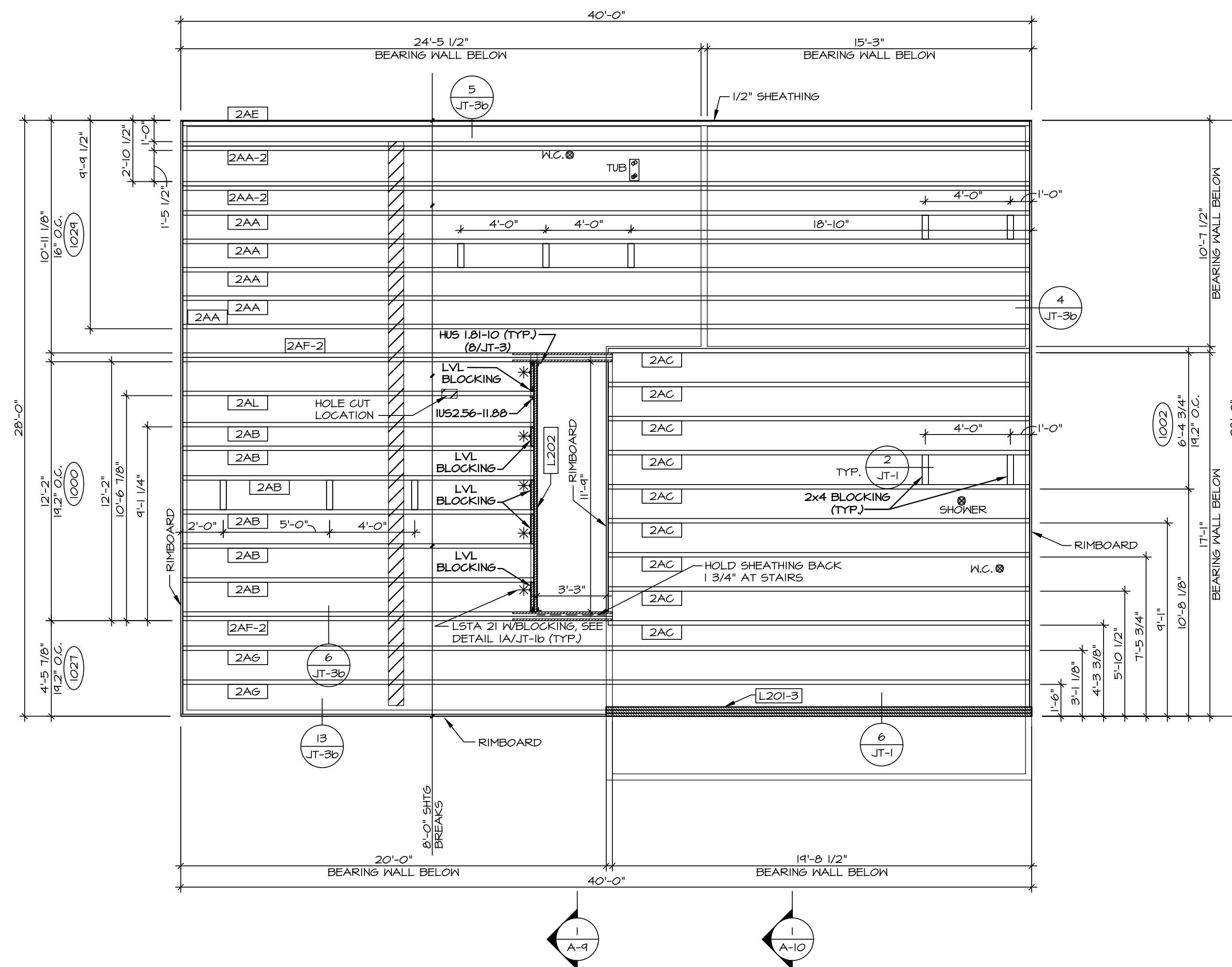
7.A - (4) PLY (ALL SIZES); FASTEN PLYS W (2) ROWS 1/2" DIAMETER A307 BOLTS AT 24" O.C. SEE SHOP DRAWING FOR ADDITIONAL INFORMATION.

1-JOIST FLOOR SYSTEM

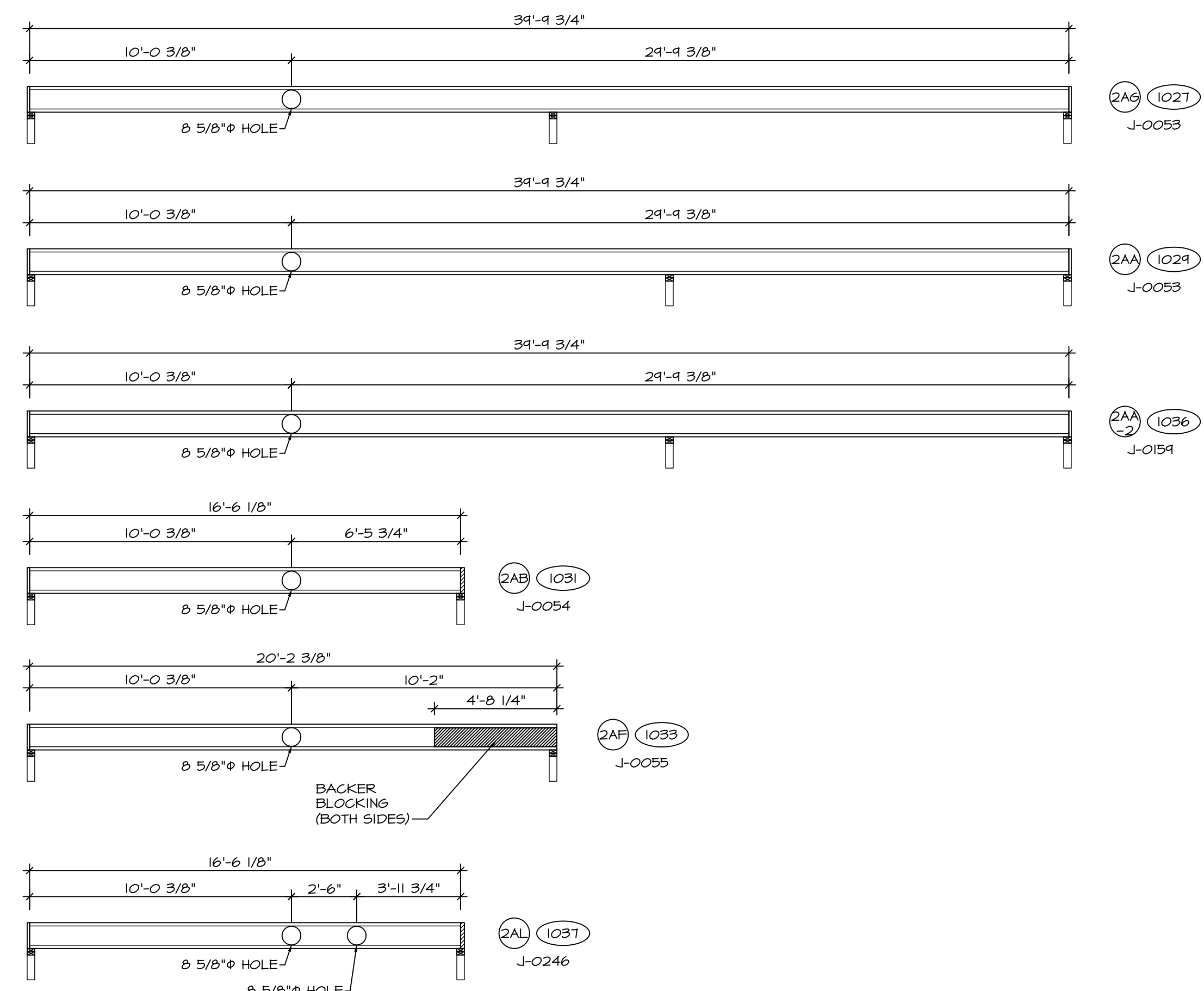
- SUBFLOOR IS 3/4" TONGUE AND GROOVE OSB STANDARD.
- JOIST LENGTHS SHIPPED IS THE NEXT HIGHEST LENGTH TO CUT FROM.
- ALL RIMBOARD TO BE 1-1/8" THICK UNO.
- REFER TO STANDARD DETAIL JT-3 FOR HOLE CUTTING GUIDELINES.
- PROVIDE RIMBOARD SOLID BLOCKING AT EXTERIOR WALLS AND BELOW ALL JACKS AS REQUIRED.
- REFER TO DETAIL JT-3 FOR RIMBOAR 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.**
- 1-JOIST BLOCKING CUT FROM 2'-0" MATERIAL.
- ADHESIVE TO BE ADDED TO ALL JOIST HANGERS PRIOR TO SETTING JOISTS.
- J-XXXX SHOP DRAWINGS ARE ASSOCIATED WITH PLANT MODIFIED 1-JOISTS OR PLANT BUILT JOIST COMPONENTS.

LEGEND

- 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

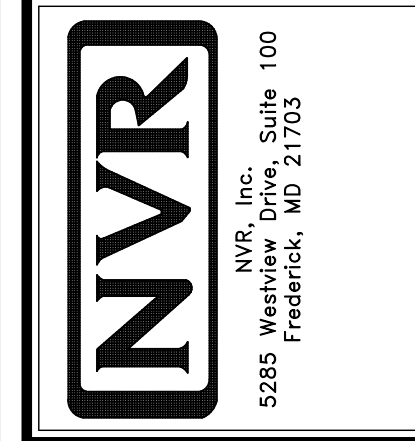


SECOND FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"



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

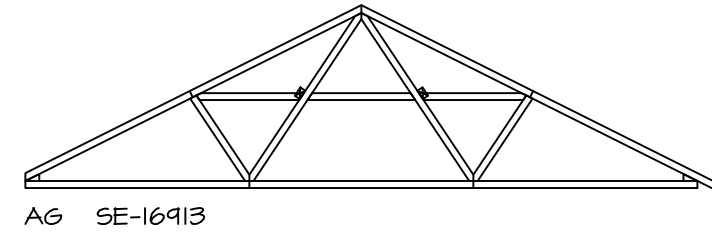
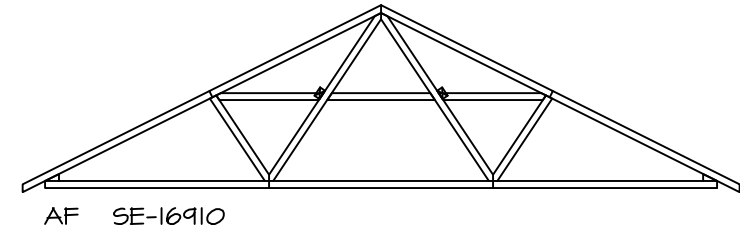
I, the undersigned, do hereby certify that I am a duly Licensed Professional Engineer in the State of Virginia, License No. 9549, and that I am the author of the drawings and specifications herein. I am not providing any engineering services to the client of NVR, Inc. without the written consent of NVR, Inc.



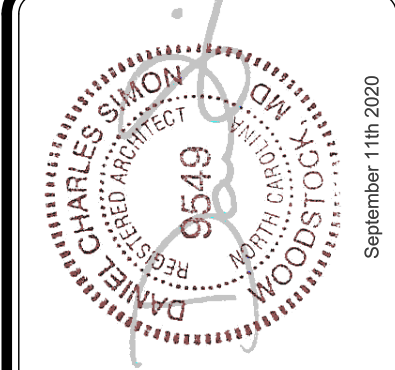
MODEL	SET NO. CDROO
CEDAR	VERSION 01
DRAWING TITLE	DRAWN BY
SECOND FLOOR JOIST LAYOUT	DATE:
OPTION DESCRIPTION	OPTION
SHEET NO.	20
S-2	

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 "T" BRACE, DETAIL 3/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 (1/RF-1)
- STUDDED GABLE BRACING DETAIL 1/RF-1c TO BE UTILIZED FOR TRUSSES 6'-4" IN HEIGHT OR GREATER.
- PARTIALLY SHEATHED GABLES, SEE 3/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.

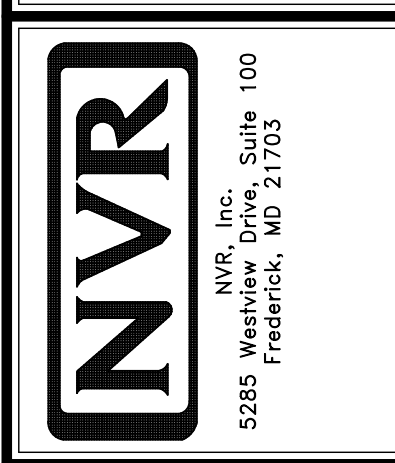


TRUSS BRACING DETAILS
SCALE: 1/8" = 1'-0"



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

© NVR, Inc. expressly reserves the right to modify, amend, or change these plans at any time without notice. No part of these plans may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of NVR, Inc.



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



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

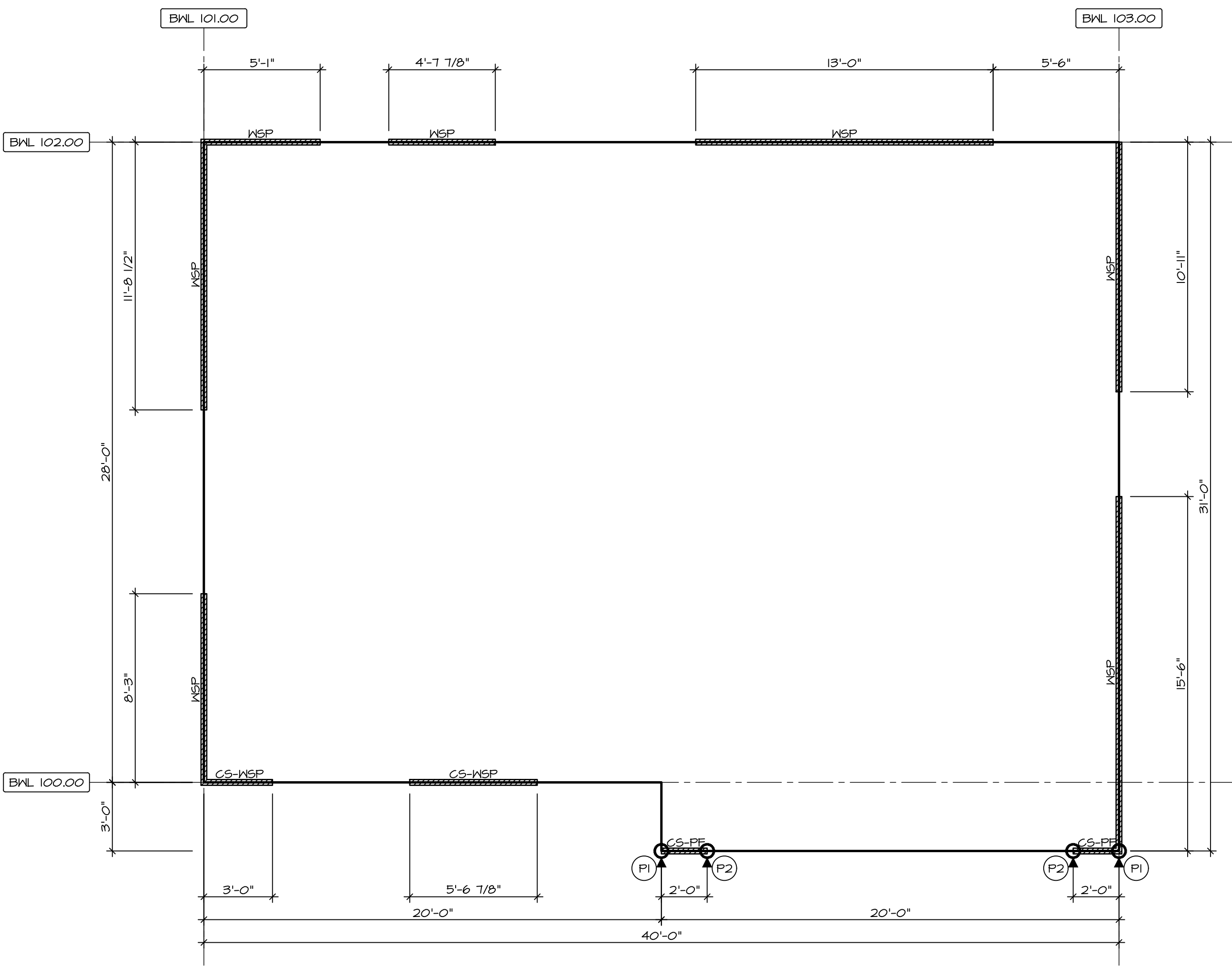
© NVR, Inc. expressly reserves the right to modify or change these plans without notice. No part of these plans may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written consent of NVR, Inc.

NVR, Inc. 100
 Frederick, MD 21703
 5285 Washburn Lane, Suite 100
 Frederick, MD 21703

SET NO. CDPROO
 VERSION 01
 DRAWN BY
 DATE:
 OPTION

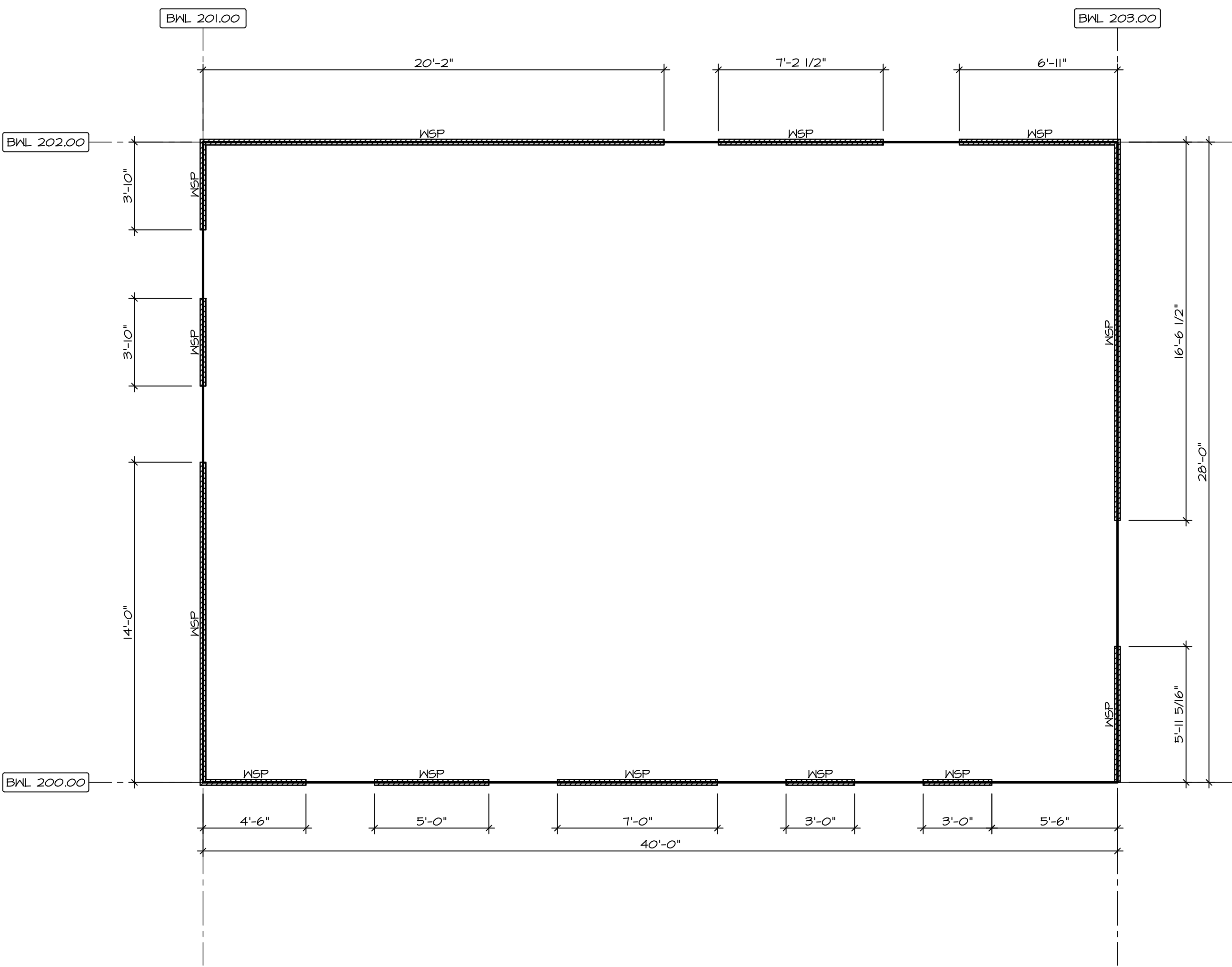
MODEL CEDAR
 DRAWING TITLE
 BRACED WALL PANEL DETAIL

SHEET NO. S-5
 OPTION DESCRIPTION
 23



FIRST FLOOR BRACED WALL DETAIL

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



SECOND FLOOR BRACED WALL DETAIL

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

FASTENING SCHEDULE			
SHEATHING	FASTENER	SPACING	
		EDGES	FIELD
7/16" 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, .048" DIA. ANNULAR-RINGED NAILS	7" O.C.	7" O.C.
	CORROSION RESISTANT TYPE IN 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 IN 1-1/4" DRYWALL SCREWS	4" O.C.	12" O.C.

- NOTES:**
- MINIMUM 7/16" CROWN WIDTH FOR STAPLES IN WOOD STRUCTURAL PANEL.
 - SPECIFIED GYPSUM FASTENING 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.

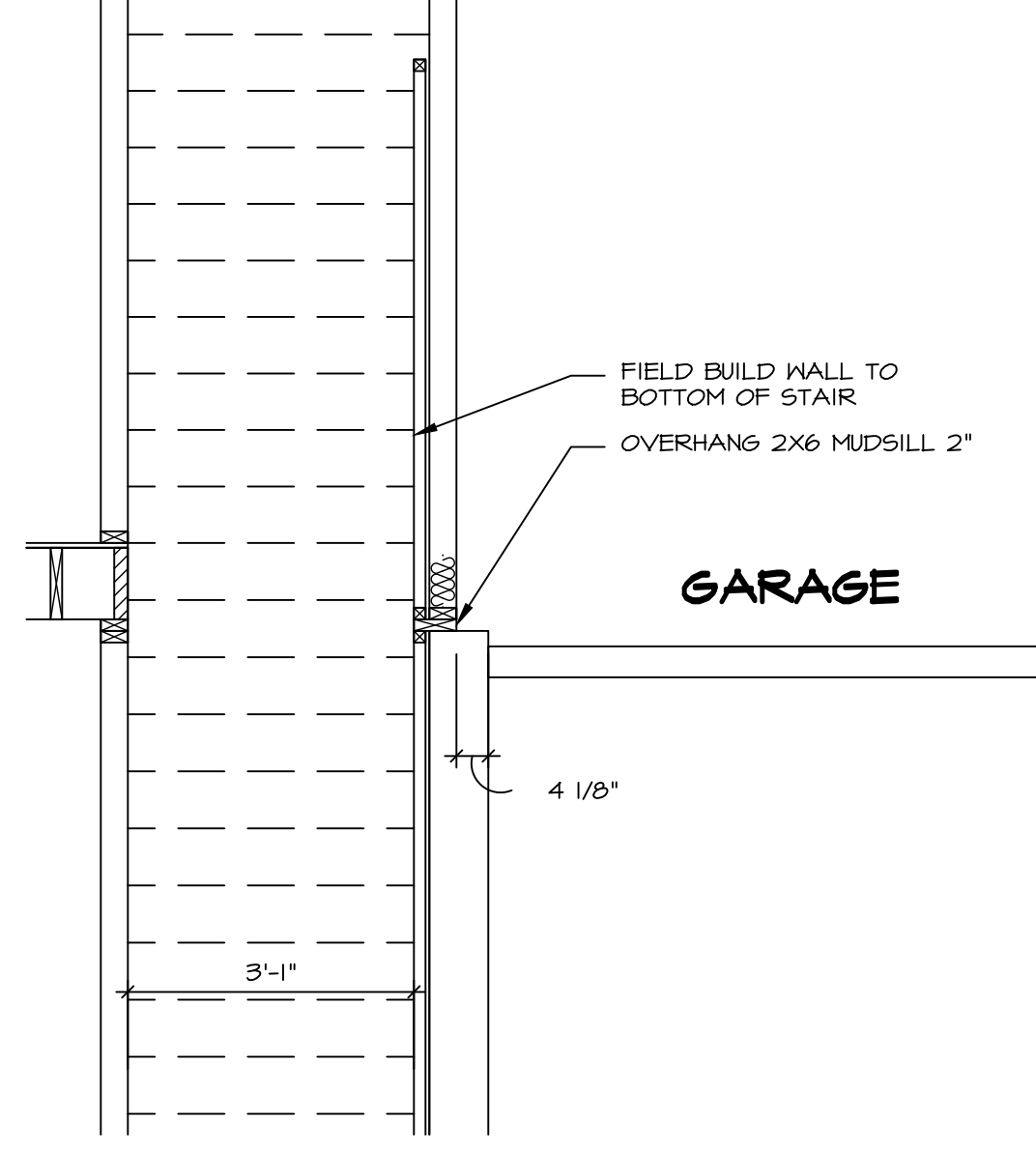
LEGEND	
BNL XXX.XX	BRACED WALL LINE I.D.
---	BRACED WALL LINE
---	HOUSE WALL
////	BRACED WALL PANEL
WSP	WOOD STRUCTURAL PANEL
GB	GYPSUM BOARD (1) SIDED OR (2) SIDED
GB-BW	GYPSUM BOARD BLOCKED WALL CONSTRUCTION (1) SIDED OR (2) SIDED (SEE STANDARD DETAIL G/WB-2)
LIB	LET-IN BRACING (SEE STANDARD DETAIL F / WB-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 / WB-2)
CS-6	CONTINUOUS SHEATHING - WOOD STRUCTURAL PANEL ADJACENT TO GARAGE OPENINGS
○	HOLD-DOWN
○	1. SEE SHEET WB-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.

SHEATHING NOTE
LAMINATED FIBROUS STRUCTURAL (LFS) SHEATHING MATERIAL SHALL BE INSTALLED ON ALL WALLS UNLESS OTHERWISE NOTED ON THE FLOOR PLAN. INSTALL IN ACCORDANCE WITH SBCCI TECHNICAL EVALUATION REPORT. STRUCTURAL PERFORMANCE UNDER LATERAL LOAD CONDITIONS IS DESIGNED. INSTALLATION SHALL BE PERFORMED IN ACCORDANCE WITH THE PROVISIONS FOR WOOD STRUCTURAL PANELS (WSP/CS-WSP) AS DEFINED IN THE APPROPRIATE TER SECTION.

STRUCTURAL SHEATHING MATERIAL
 - OX THERMO-PLY
 TER NO. 1004-01
 - BARRICADE THERMO-BRACE
 TER NO. 1507-08
 - NSP DRYLNE TSX
 TER NO. 1407-06

BRACED WALL LINE SCHEDULE				
WIND SPEED (ULT)	IDENTIFIER	ACTUAL (FT)	REQUIRED (FT)	METHOD
130 MPH	BNL 100.00	14.57'	9.36'	CONTINUOUS (2 SIDES)
130 MPH	BNL 101.00	14.46'	14.78'	WSP (2 SIDES)
130 MPH	BNL 102.00	22.74'	10.73'	WSP (2 SIDES)
130 MPH	BNL 103.00	26.42'	15.24'	WSP (2 SIDES)
130 MPH	BNL 200.00	21.00'	5.18'	WSP (2 SIDES)
130 MPH	BNL 201.00	21.32'	7.06'	WSP (2 SIDES)
130 MPH	BNL 202.00	34.24'	5.18'	WSP (2 SIDES)
130 MPH	BNL 203.00	25.13'	7.06'	WSP (2 SIDES)



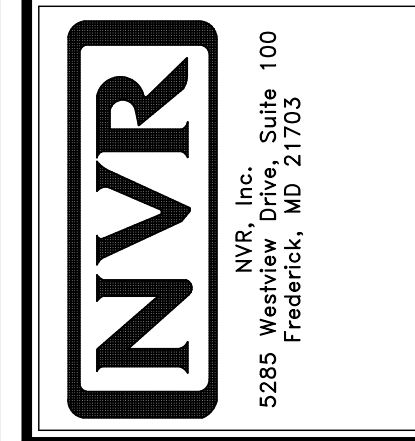
A
AD-1 **STAIR WALL DETAIL**
SCALE: 1/2" = 1'-0"

INTERIOR TRIM - IT				
SPECIFICATION	MOULDING	MOULDING PROFILE	LOCATION	OPTIONS
NVR SPECIFICATIONS (SZB)	STANDARD CASING	NM-376 (2 1/4")	THROUGHOUT	STF
	STANDARD BASE	NM-623 (3 1/4")	THROUGHOUT	STF
	OGEE	NM-167	STAIRS, CAPPED WALLS	STF



REV. NO.	DATE	REMARKS

© NVR, Inc. expressly reserves the right to modify or amend these plans at any time without notice. These plans are not to be reproduced, changed or altered in any way without the written consent of NVR, Inc.



SHEET NO. AD-1	MODEL CEDAR	SET NO. CDROO	VERSION 01
100	DRAWING TITLE STANDARD DETAILS - HOUSE SPECIFIC	DRAWN BY LP	DATE 6/26/19
	OPTION DESCRIPTION	OPTION	