

SPRUCE

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



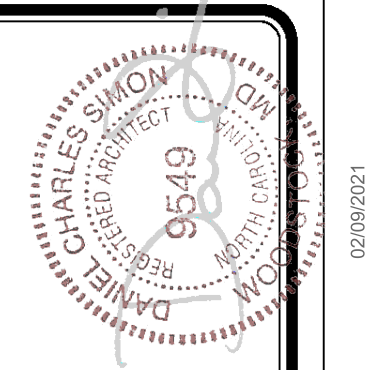
NVR, Inc.
5285 Westview Drive, Suite 100
Frederick, MD 21703

	SLAB FOUNDATION										STANDARD DETAILS	
	STD. DWGS.											
SPEC SHEET	95-1											AD-1
ROOF VENT AND VOLUME CALCULATIONS	CA-1											DR-1
ELEVATIONS	2											DR-1b
FOUNDATIONS	3											ET-1c
FOUNDATION HOLD DOWNS	4											ET-1d
PLUMBING	5											FA-1b
FIRST FLOOR PLAN	7											FC-1
BUILDING SECTIONS	8, 9											FC-4
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TRUSS BRACING	17											FD-1
WALL BRACING	18											FD-1b
												FD-4
												F-1
												IT-1
												IT-1b
												KT-1
												RF-1
												RF-1b
												RF-1c
												SEP-1
												SEP-2
												SEP-3
												SEP-4
												SP-1
												SP-2
												SP-3
												WB-2
												WD-1
												WS-1
												WS-1b
												WS-1c

FIRST FLOOR SQUARE FOOTAGE	
DESCRIPTION	TOTAL SQ. FT.
1ST FLOOR	1246 SF
	1246 SF

GARAGE SQUARE FOOTAGE	
DESCRIPTION	TOTAL SQ. FT.
TWO CAR FRONT ENTRY GARAGE W/ FSA, FCA	376 SF
	376 SF

TOTAL FINISHED SQUARE FOOTAGE	
DESCRIPTION	TOTAL SQ. FT.
1ST FLOOR	1246 SF
	1246 SF



NVR - Business Use Only



ROOF VENTILATION CALCULATIONS

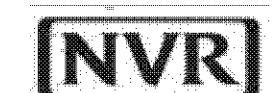
HOUSE NAME	SPRUCE
HOUSE VERSION	SPC00-01
PRODUCT LINE	RYANHOMES
VENTILATION VALUES	SDRIFT: 5.0 in of vent per ft. RIDGE: 16 sq ft of vent per ft. ROOF / GABLE VENT: 65 % of vent per code

USER GUIDE	Y13	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	Decrease ridge
	NO	NO	FAIL	Increase total vent

All Elevations (Full Basement Foundation "FBA")														
Location / Options	Area (A) (sq ft)	Required A/150 (sq ft)	Required A/300 (sq ft)	6-0ft (ft)	6-0ft Vent (sq ft)	Ridge (ft)	Ridge Vent (sq ft)	Upper Slope / Gable Vent (sq ft)	Lower Slope / Gable Vent (sq ft)	TOTAL (sq ft)	OK A/150	OK A/300	A/300 % vent at ridge	Notes
Main House Roof	20384	13573	6786	48	473.04	38	206.00			1380.04	NO	YES	23.1%	OK
Left Side of House over Bedroom 3	1381.4	91.42	45.80	35	348.50	1	18.00			366.50	YES	N/A	N/A	N/A
Right Side of House over Garage	8486	562.40	281.20	20	227.50	1	18.00			248.50	YES	N/A	N/A	N/A

All Elevations (Crawl and Slab Foundation "FCA and FSA")														
Location / Options	Area (A) (sq ft)	Required A/150 (sq ft)	Required A/300 (sq ft)	6-0ft (ft)	6-0ft Vent (sq ft)	Ridge (ft)	Ridge Vent (sq ft)	Upper Slope / Gable Vent (sq ft)	Lower Slope / Gable Vent (sq ft)	TOTAL (sq ft)	OK A/150	OK A/300	A/300 % vent at ridge	Notes
Main House Roof	20384	13573	6786	48	473.04	38	206.00			1380.04	NO	YES	23.1%	OK
Left Side of House over Bedroom 3	1381.4	91.42	45.80	35	348.50	1	18.00			366.50	YES	N/A	N/A	N/A
Right Side of House over Garage	7960	527.33	263.66	20	198.50	1	18.00			216.50	YES	N/A	N/A	N/A

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Version 2.0
(Last Revised 04/26/19)

HOUSE VOLUME CALCULATIONS

HOUSE NAME	SPRUCE
HOUSE VERSION	SPC00-01
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)

ALL ELEVATIONS W/ FULL BASEMENT "FBA"			
Location / Area of house	Floor Area (sq. ft.)	Mean height (ft.)	Total volume (cu. Ft.)
Main section of the house	1440.00	12.57	18105
Gable left of the house	96.00	9.49	911
Garage bump out from main house	240.01	10.53	2526
			Total House Volume 21542

ALL ELEVATIONS W/ CRAWL SPACE "FCA", SLAB FOUNDATION "FSA"			
Location / Area of house	Floor Area (sq. ft.)	Mean height (ft.)	Total volume (cu. Ft.)
Main section of the house	1440.00	12.57	18105
Gable left of the house	96.00	9.49	911
Garage bump out from main house	160.01	10.53	1684
			Total House Volume 20700

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.)
Full Basement "FBA"	1376.61	8.61	11859
Crawl Spaces "FCA"	1308.15	0.80	1047

DIV-COMM-LOT-UNIT

COMM-LOT

STREET ADDRESS

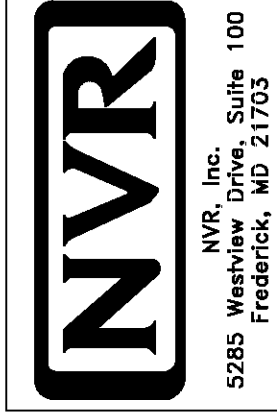
CITY

STATE

APT. NO.

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5285 Westview Drive, Suite 100
Frederick, MD 21703

SET NO. SPC00
VERSION 01

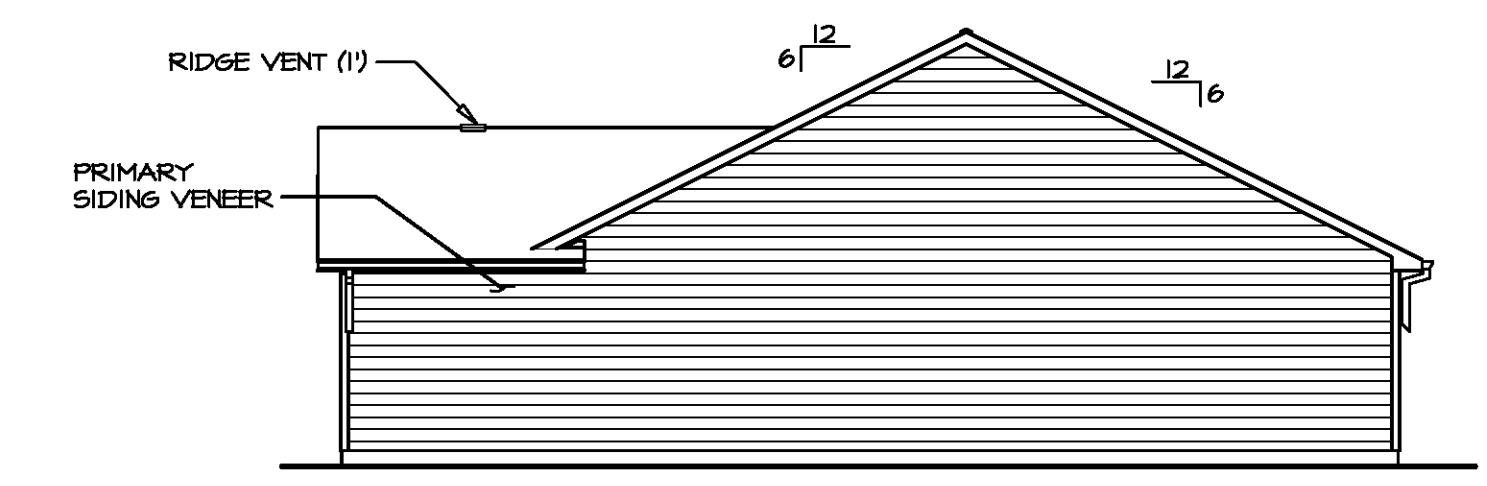
DRAWN BY ZDM

DATE: 6/7/14

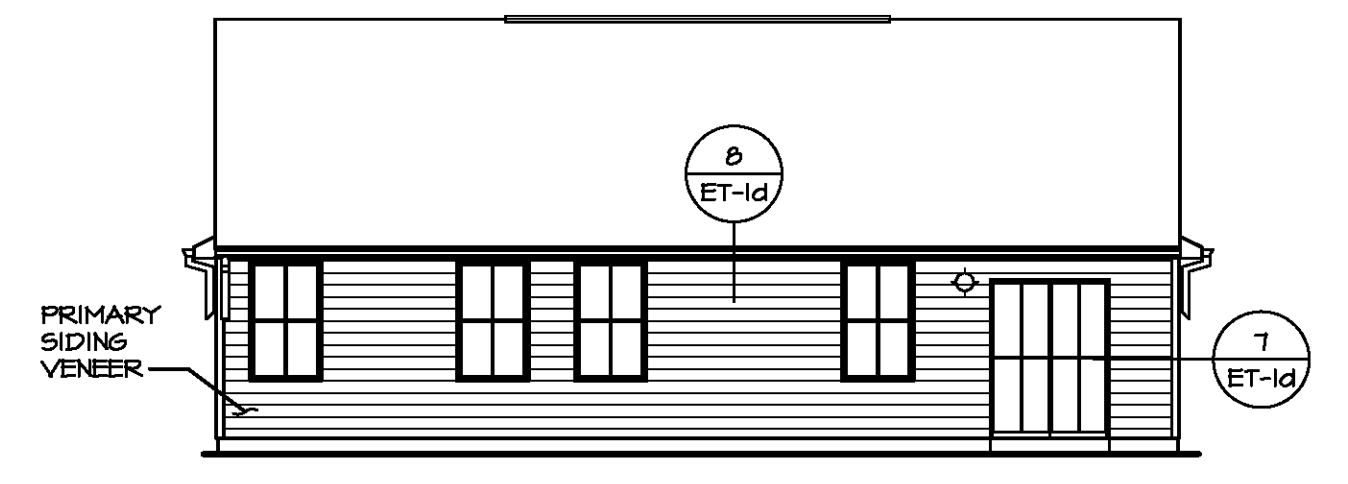
OPTION

MODEL SPRUCE
DRAWING TITLE ROOF VENT CALCULATIONS
VOLUME CALCULATIONS
OPTION DESCRIPTION

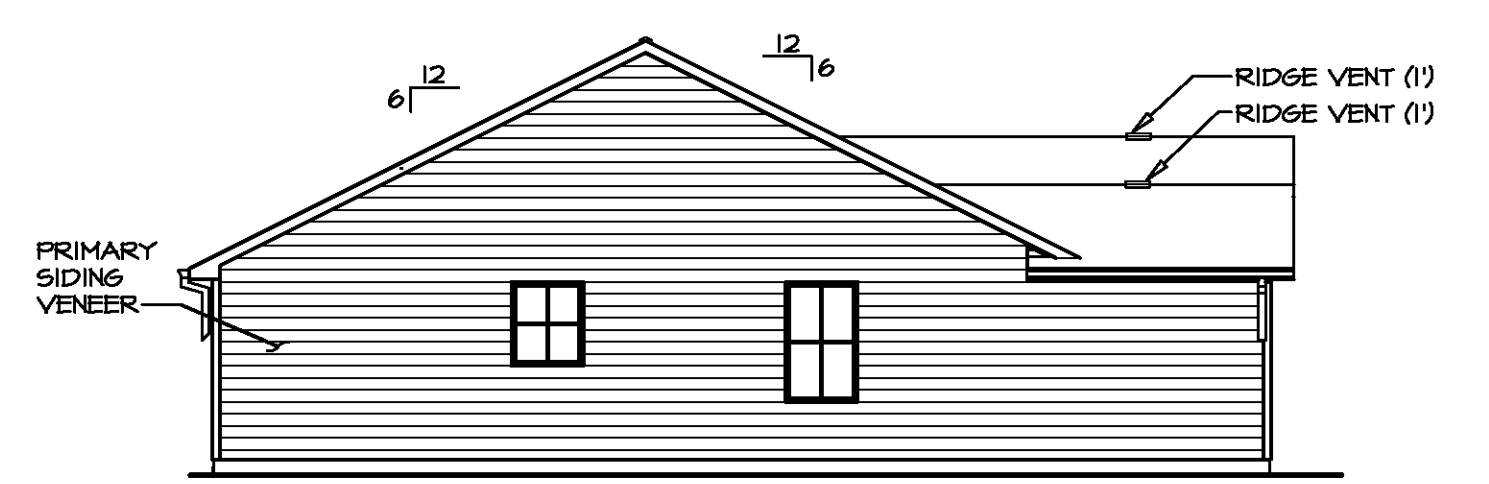
SHEET NO. CA-1



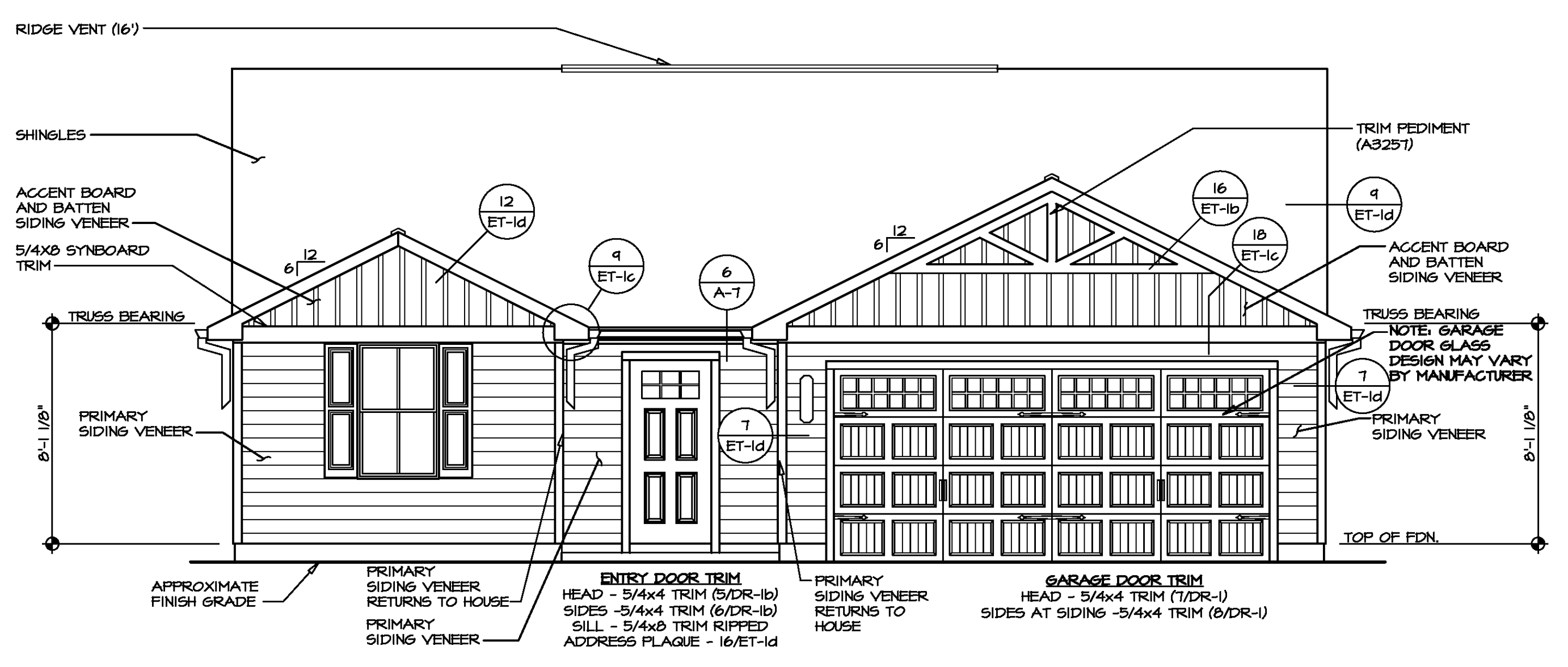
2 RIGHT SIDE ELEVATION
SCALE: 1/8" = 1'-0"



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



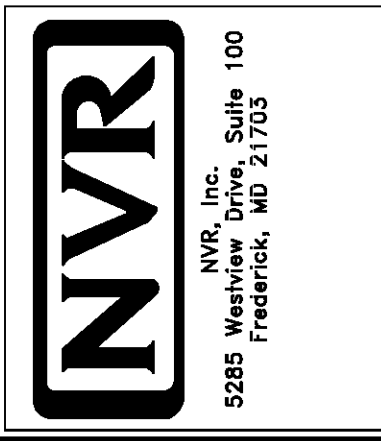
4 LEFT SIDE ELEVATION
SCALE: 1/8" = 1'-0"



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

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SHEET NO.	A-1	2
MODEL	SPRUCE	
SET NO.	SPR00	
VERSION	01	
DRAWN BY	SSA	
DATE	1/12/15	
OPTION	F5N, F5A	
DRAWING TITLE	FRONT, SIDE AND REAR ELEVATIONS	
OPTION DESCRIPTION	MONOLITHIC SLAB FOUNDATION	



PAD FOOTING SCHEDULE					
IDENTIFIER	LENGTH	WIDTH	HEIGHT	ENG. N.M.	REMARKS
FOOT	10'-0"	1'-4"	0'-8"		

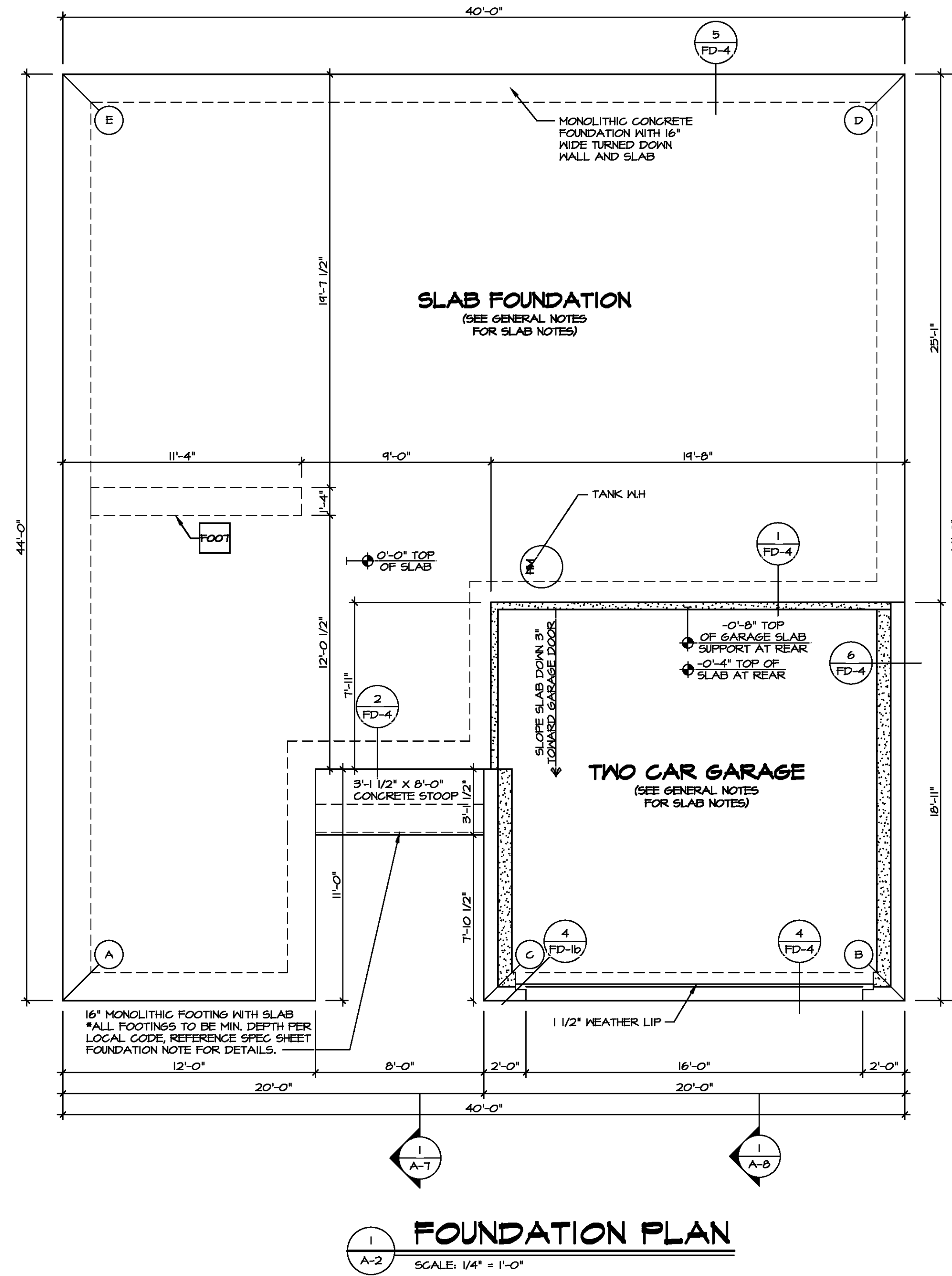
FOUNDATION DIAGONALS			
A		B	
A	0"	A	40'-0"
B	40'-0"	B	0"
C	20'-0"	C	20'-0"
D	59'-5 9/16"	D	44'-0"
E	44'-0"	E	59'-5 9/16"

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)
- SEE SHEET (A-4) FOR FOUNDATION CONNECTION INFORMATION.
- SLAB LEDGE LOCATIONS VARY W/ GRADE BEAM(S) ORIENTATION. SEE GB-1 FOR DETAILS.

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

SEE FC DETAILS FOR FRAMING CONNECTORS



DIV-COMM-LOT-UNIT

COM-LOT

STREET ADDRESS

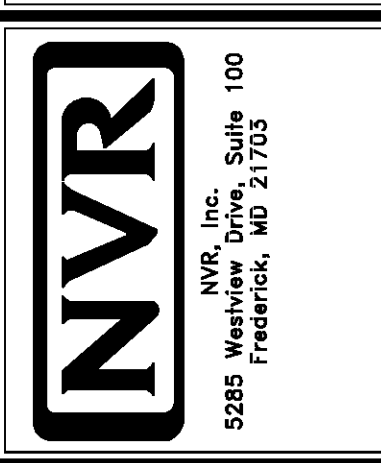
CITY

STATE

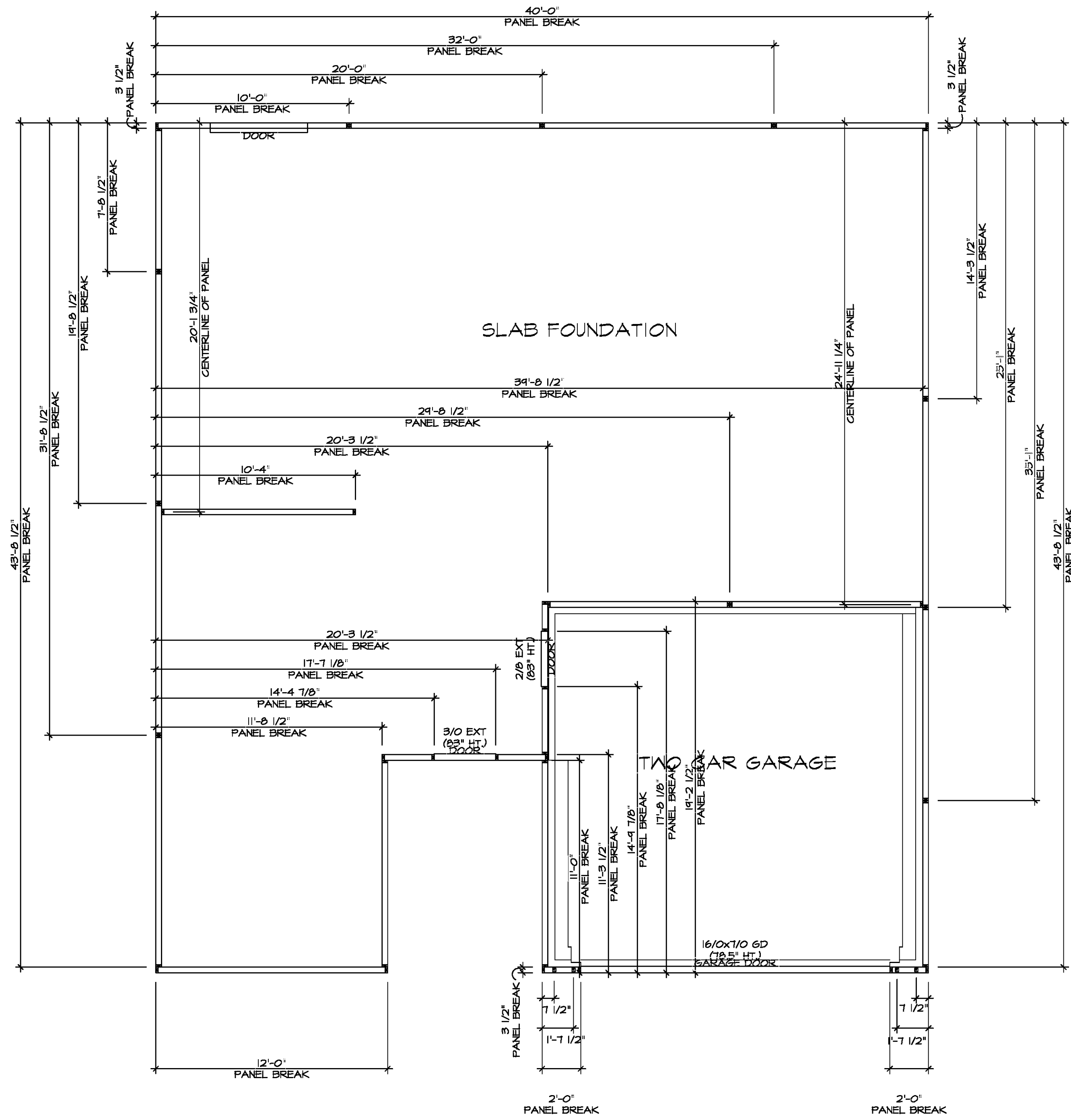
ZIP

APT. NO.

© NVR, Inc. I hereby certify that the information on this drawing is true and correct to the best of my knowledge and belief. I am a duly Licensed Professional Engineer in the State of Maryland, License No. 9549, Mechanical Engineering. I am the author of this drawing. I have prepared this drawing in accordance with the provisions of the Professional Engineers and Architects Act of 1967, as amended, and the rules and regulations of the Board of Professional Engineers and Architects of the State of Maryland. I have not been convicted of a crime involving moral turpitude. I have not been disciplined by any professional engineering board. I have not been disciplined by any professional engineering board. I have not been disciplined by any professional engineering board.



MODEL	SPRUC	SET NO.	SPCOO
DRAWING TITLE	FOUNDATION PLAN	VERSION	01
OPTION DESCRIPTION		DRAWN BY	
		DATE:	OPTION
SHEET NO.	A-2		
			3



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

HOLD DOWN NOTES	
REFER TO DETAIL (9/FD-1) FOR HOLD DOWN OFFSET DIMENSIONS. REFER TO DETAIL (12/FD-1) FOR HOLD DOWNS ON CMU BLOCK.	
STRAP	1. ALL PANELS GREATER THAN 24' SHALL HAVE AN ANCHOR WITHIN 12" OF THE PANEL BREAKS / ENDS. (SEE DETAIL SHEET FFD-1 FOR MORE INFORMATION ON ANCHOR DETAILS). 1. STRAP, a. ON FOUNDATION USE (5THD14) b. ON FLOOR SYSTEM USE (5THD14R) 2. ALL OTHER HOLD DOWN SEE DETAIL (NB-2) FOR MORE INFORMATION. 3. STRAP LOCATION ON PLANS SHOWN BY DASHED DIMENSION TO CENTER OF STUDS.
OR	
BOLT	1. 5/8" THREADED ROD 2. ALL OTHER HOLD DOWN SEE DETAIL (NB-2) FOR MORE INFORMATION. 3. BOLT LOCATION ON PLANS SHOWN BY SOLID DIMENSION TO CENTER OF BOLT.



DIV-COMM-LOT-UNIT

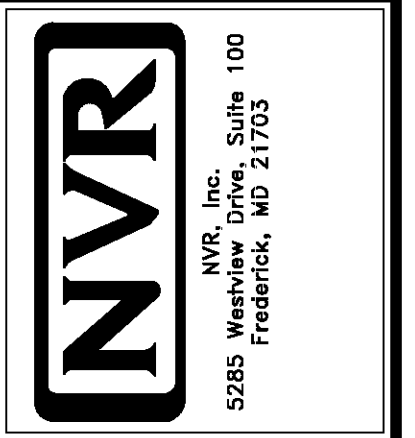
COMM-LOT

STREET ADDRESS

CITY STATE ZIP

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SET NO. SPC00	VERSION 01
DRAWN BY: MBT	DATE: 6/21/19
OPTION	

MODEL: SPRUCE	DRAWING TITLE: FOUNDATION HOLD DOWN DETAILS
SHEET NO. A-3	OPTION DESCRIPTION: 4

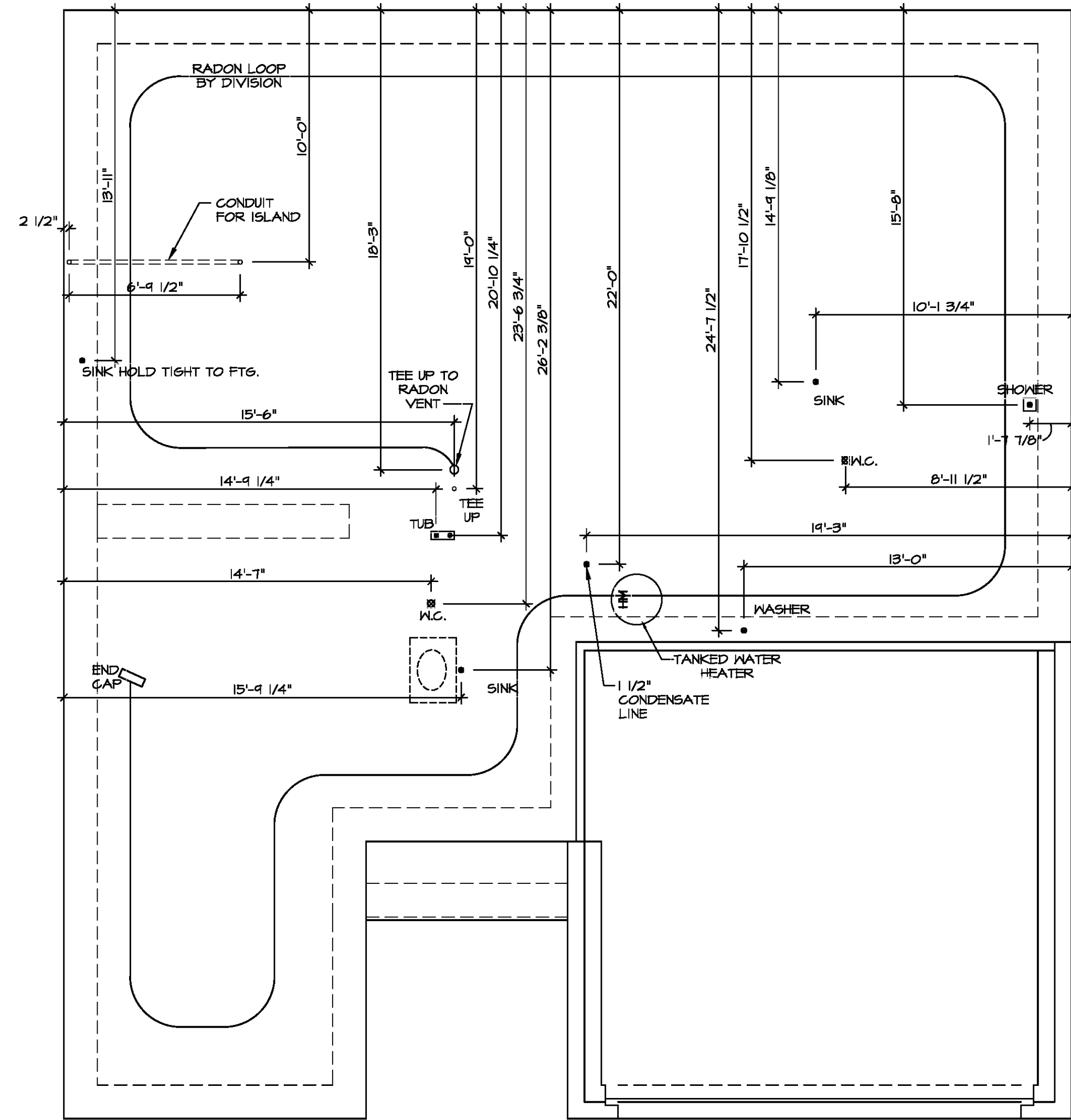
INSTALLATION OF RADON STACK AND LOOP TO BE DETERMINED BY DIVISION

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
- SCREWS 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.

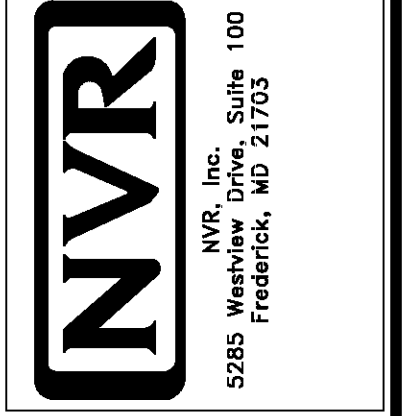


PLUMBING PLAN
 SCALE: 1/4" = 1'-0"



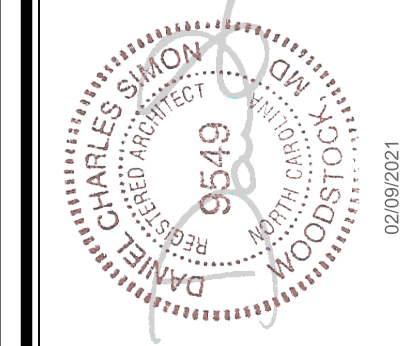
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 COMM-LOT
 STREET ADDRESS
 CITY STATE ZIP

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SET NO. 01	SPRUCO
VERSION 01	
DRAWN BY RJC	
DATE: 12/30/14	
OPTION	

SHEET NO. A-4	MODEL SPRUCE
	DRAWING TITLE PLUMBING PLAN
5	OPTION DESCRIPTION



FIRST FLOOR JACK SCHEDULE				
IDENTIFIER	DESCRIPTION	OPTIONS	ENS. NUM.	FIELD INSTALLED
J101	JACK - (3) 2X4 SFF STUD GRADE		1010	
J102	JACK - (3) 2X4 SFF STUD GRADE		1010	
J103	JACK - (3) 2X4 SFF STUD GRADE	F5A	1010	
J104	JACK - (3) 2X4 SFF STUD GRADE	F5A	1010	
J105	JACK - (2) 2X4 SFF STUD GRADE		1006	
J106	JACK - (2) 2X4 SFF STUD GRADE		1006	
J107	JACK - (2) 2X4 SFF STUD GRADE	F5A	1004	
J108	JACK - (2) 2X4 SFF STUD GRADE	F5A	1004	
J109	JACK - (2) 2X4 SFF STUD GRADE	F5A	1004	

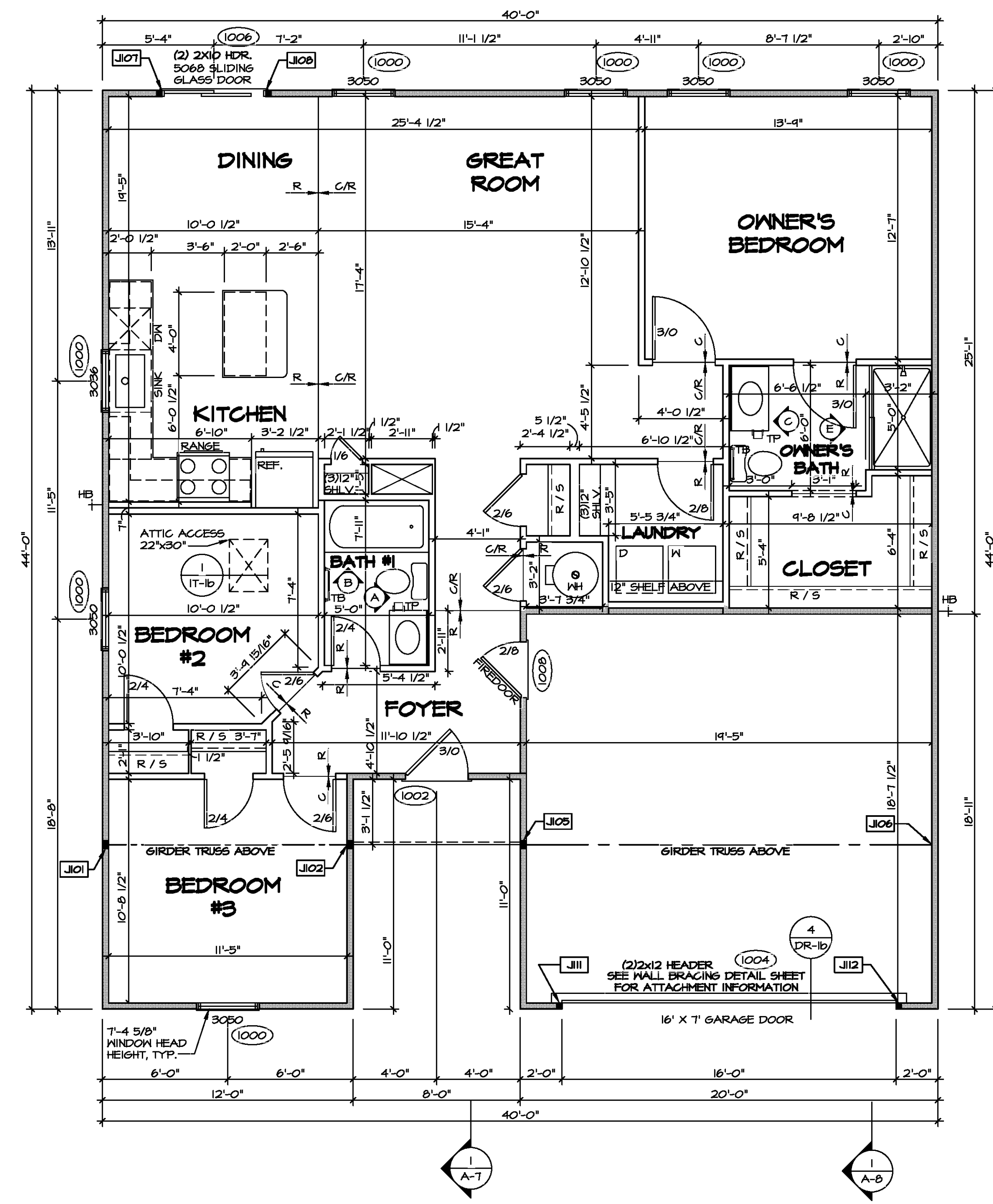
- FLOOR PLAN NOTES**
- ALL HEADERS ARE (2) 2x6 w/ 2x4 WALLS OR (3) 2x6 w/ 2x6 WALLS, UNLESS OTHERWISE NOTED.
 - ALL HEADERS TO HAVE (1) 2x4 OR 2x6 JACK AND KING STUD EACH END, UNLESS OTHERWISE NOTED.
 - ALL EXTERIOR WALLS TO BE 4" w/ OSB OR 3 1/2" w/ LAMINATED FIBROUS STRUCTURAL SHEATHING, ALL INTERIOR 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.

- GYPSTUM 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
- 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

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APT. NO.

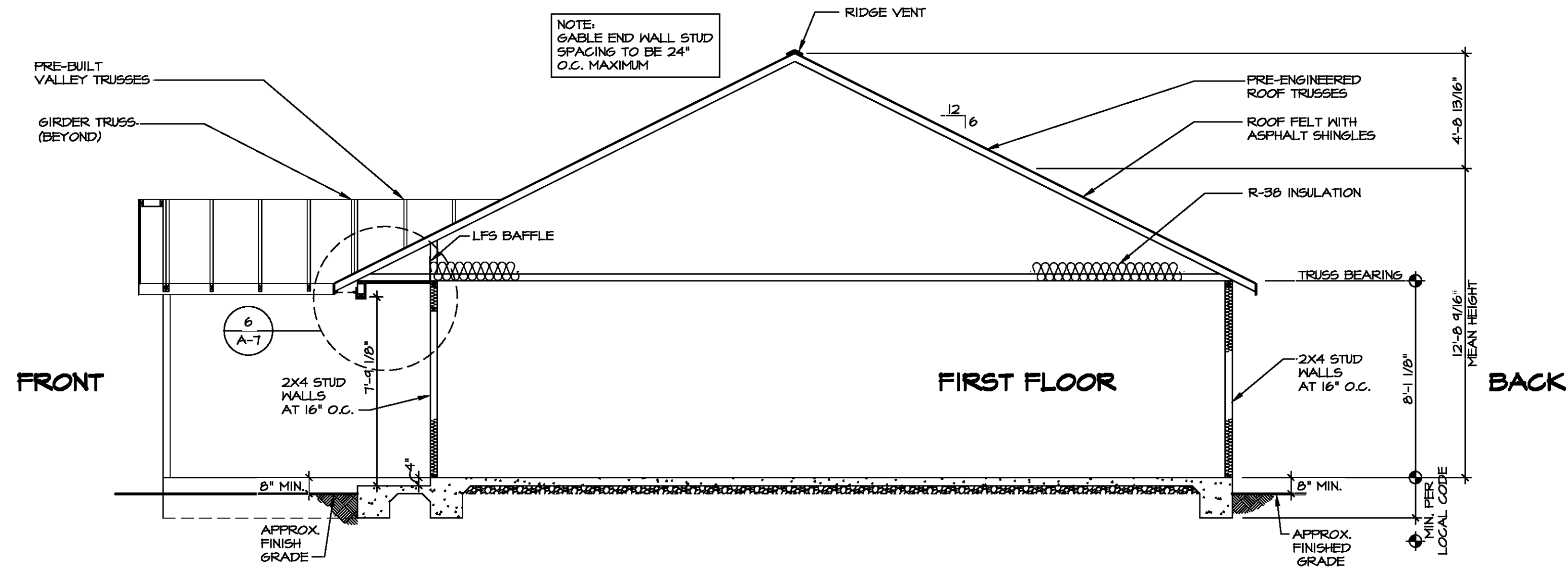
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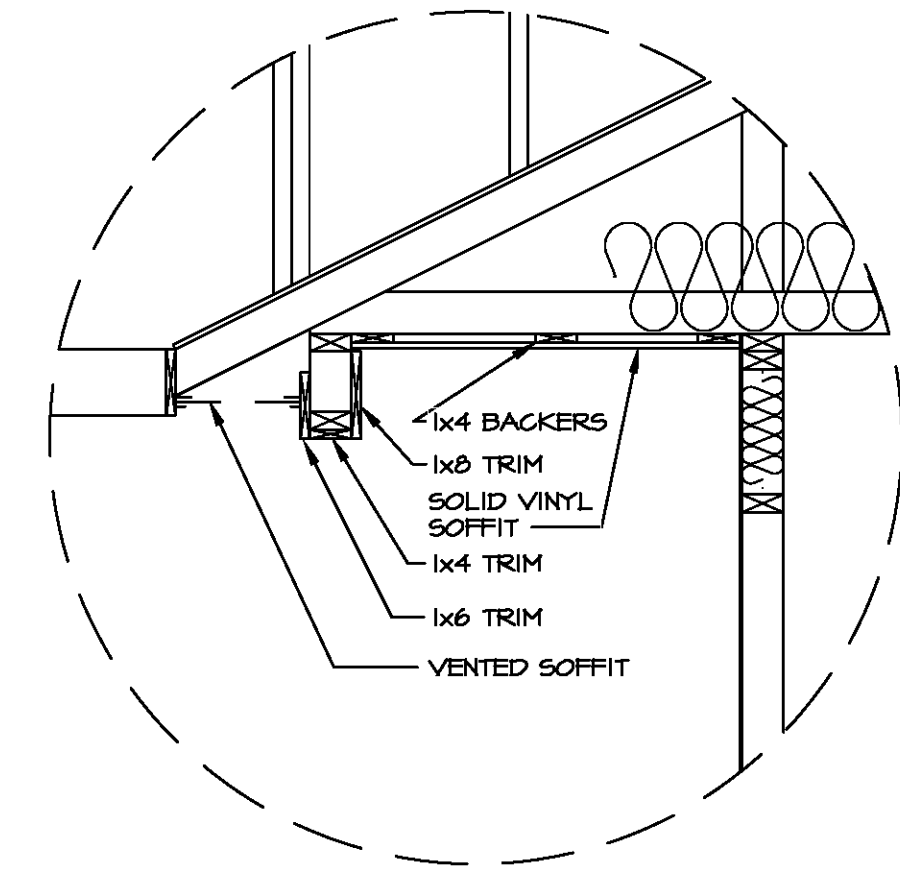
NVR

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

SHEET NO.	MODEL	SET NO.	VERSION	DATE	OPTION
A-6	SPRUCE	01	01	12/14/14	
	DRAWING TITLE	DRAWN BY	DATE	OPTION	
	FIRST FLOOR PLAN	SSA	12/14/14		
	DRAWING DESCRIPTION				



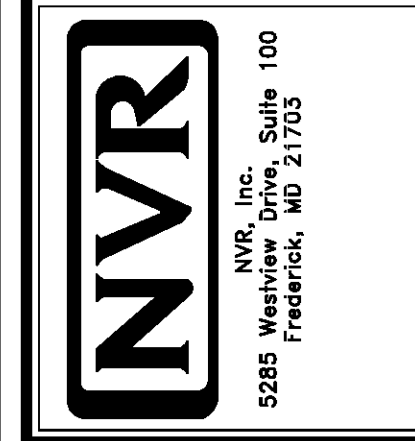
BUILDING SECTION - FOYER
SCALE: 1/4" = 1'-0"



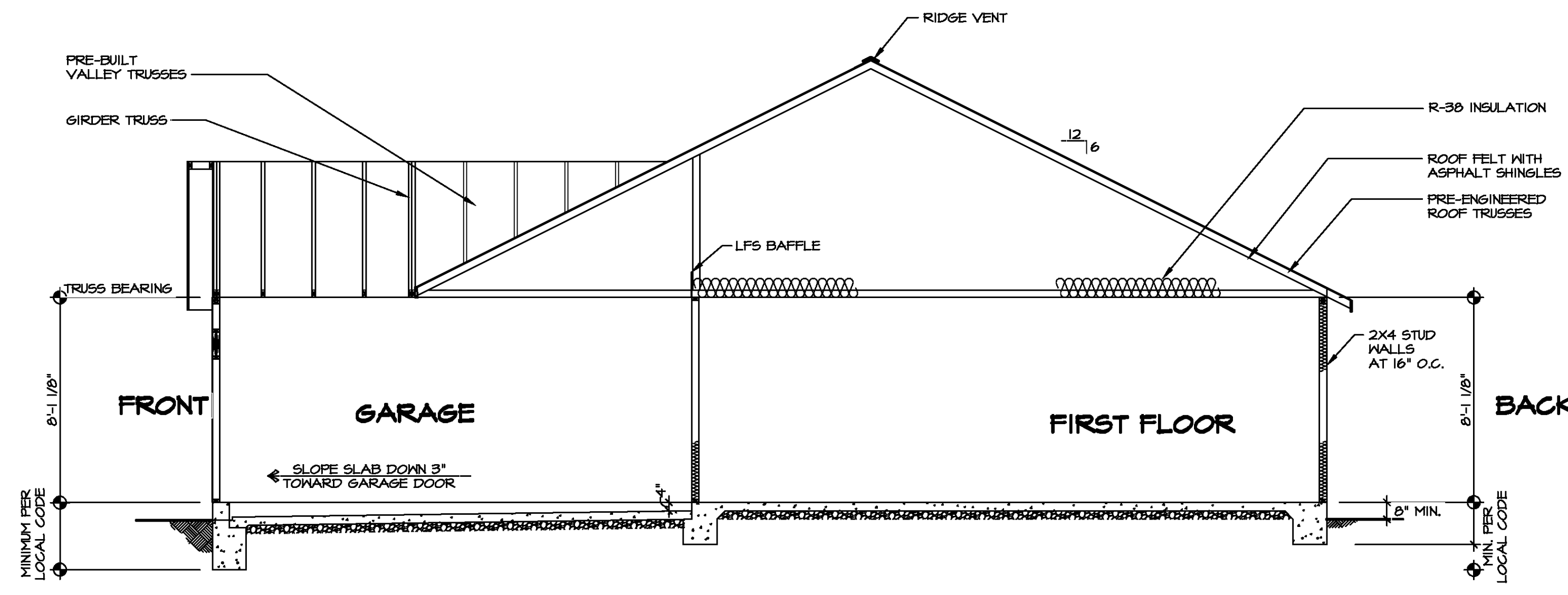
DETAIL
SCALE: 3/4" = 1'-0"



DIV-COMM-LOT-UNIT	
COM-LOT	
STREET ADDRESS	
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STATE	
APT. NO.	
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SHEET NO.	A-7	8
MODEL	SPRUCE	
DRAWING TITLE	BUILDING SECTION - FOYER	
OPTION DESCRIPTION		
SET NO.	SPC00	
VERSION	01	
DRAWN BY	RJC	
DATE	1/5/15	
OPTION		

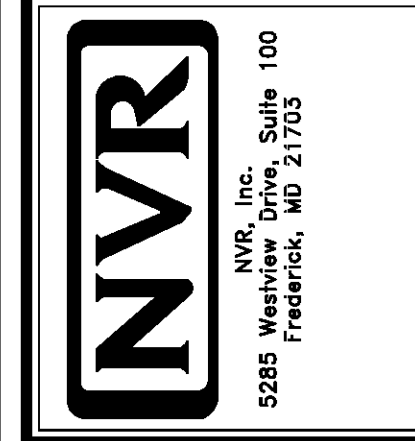


1 BUILDING SECTION - GARAGE
 A-B SCALE: 1/4" = 1'-0"



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COMM-LOT	---
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SHEET NO.	A-8	9
MODEL	SPRUCE	
DRAWING TITLE	BUILDING SECTION - GARAGE	
OPTION DESCRIPTION		
SET NO.	SPC00	
VERSION	01	
DRAWN BY	RJC	
DATE	1/5/15	
OPTION		



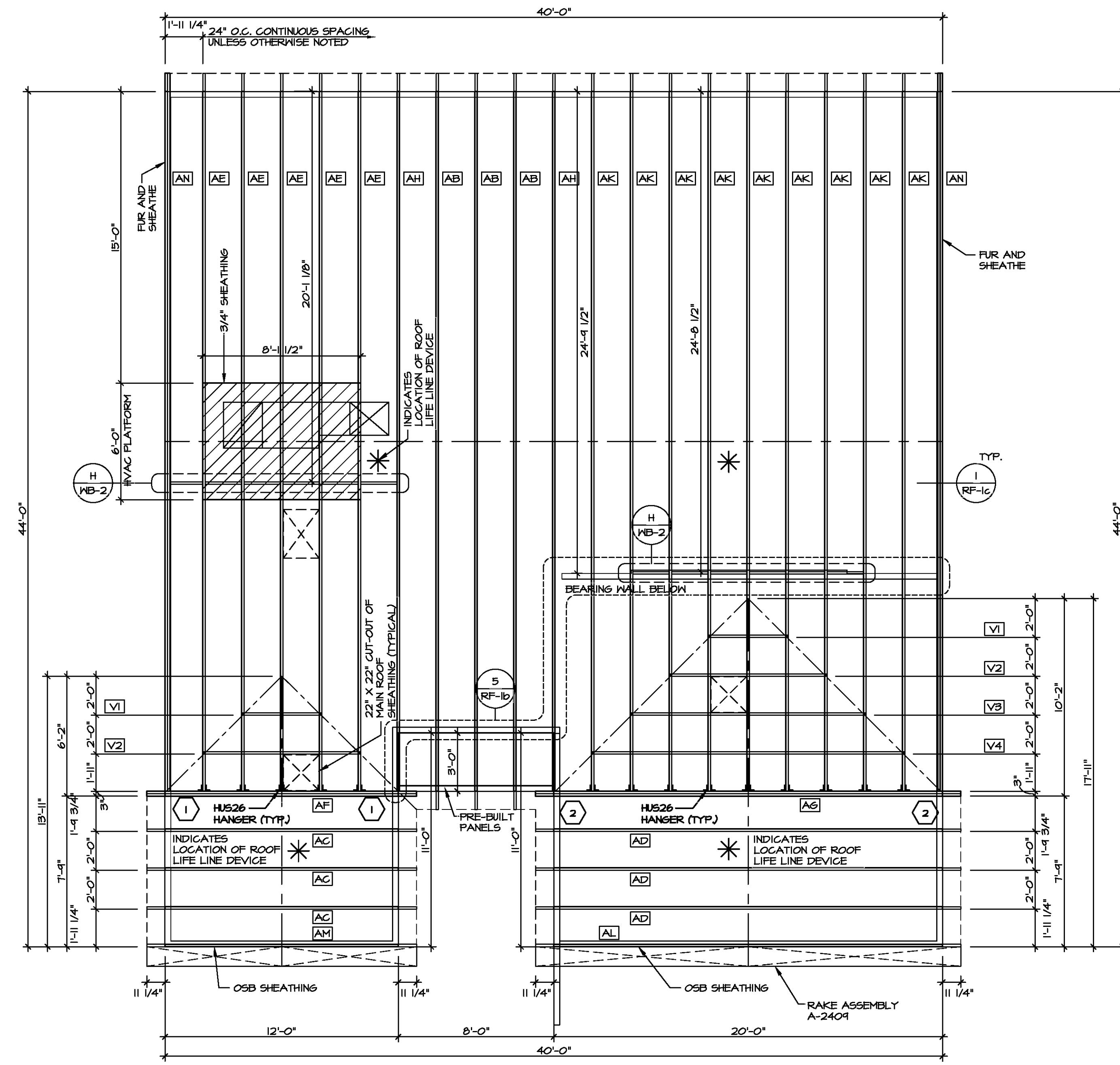
TRUSS SCHEDULE					
IDENTIFIER	SPECS	TRUSS NUMBER	LENGTH	ROOF PITCH (X/12)	TYPE
AB	SE	13134	36'-0"	6/12	COMMON
AC	SE	13140	12'-0"	6/12	COMMON
AD	SE	13141	20'-0"	6/12	COMMON
AE	SE	13142	36'-0"	6/12	COMMON
AF	SE	13143	12'-0"	6/12	GIRDER (2 FLY)
AG	SE	13144	20'-0"	6/12	GIRDER (2 FLY)
AH	SE	13147	36'-0"	6/12	COMMON
AK	SE	13144	36'-0"	6/12	COMMON
AL	SE	13174	20'-0"	6/12	GABLE END
AM	SE	13175	12'-0"	6/12	GABLE END
AN	SE	16412	36'-0"	6/12	GABLE END
VI	VT	43344	4'-0"	6-6/12	VALLEY
V2	VT	43345	8'-0"	6-6/12	VALLEY
V3	VT	43346	12'-0"	6-6/12	VALLEY
V4	VT	43407	16'-0"	6-6/12	VALLEY

- 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 (1/RF-1)
 - IF TRUSS DOES NOT APPEAR ON THE TRUSS BRACING SHEET, NO ADDITIONAL LATERAL BRACING REQUIRED.

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

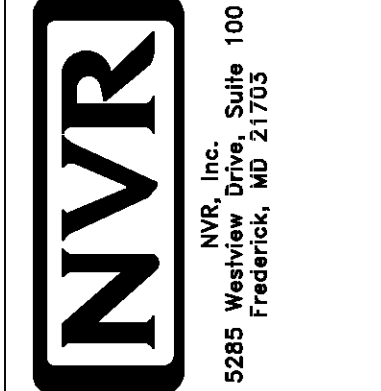


1
5-2 **ROOF FRAMING**
SCALE: 1/4" = 1'-0"

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

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ZIP

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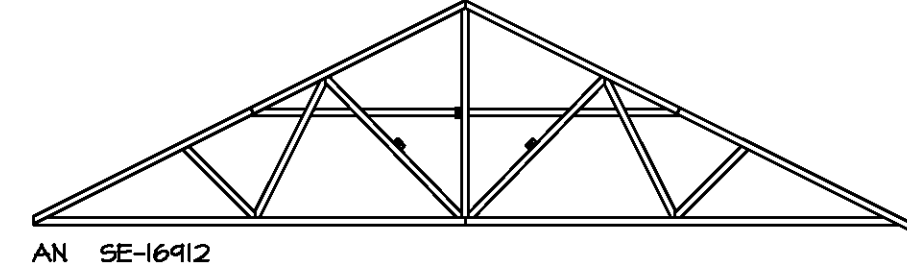
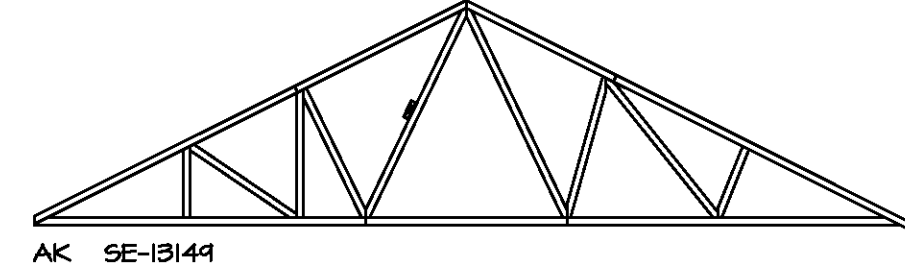
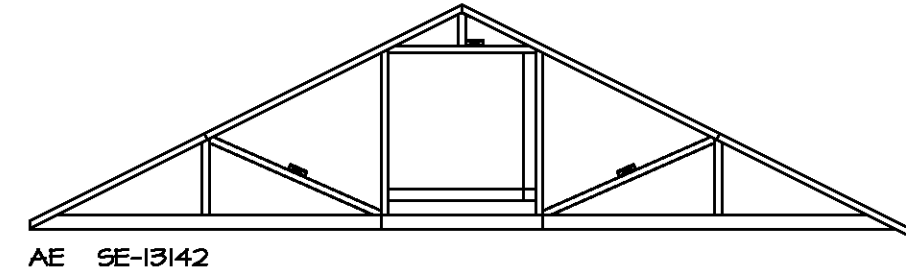


SET NO. SPC00
VERSION 01
DRAWN BY MBT
DATE: 6/19/14
OPTION

SHEET NO. **S-2**
MODEL **SPRUCE**
DRAWING TITLE **ROOF FRAMING**
OPTION DESCRIPTION
16

TRUSS BRACING NOTES

1. IF TRUSS DOES NOT APPEAR ON THIS TRUSS BRACING SHEET, NO ADDITIONAL LATERAL BRACING IS REQUIRED.
2. 1X6 SFF#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.
3. 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.
4. DIAGONAL BRACING REQUIRED WHEN LATERAL BRACING IS REQUIRED (1/RF-1)
5. STUDDED GABLE BRACING DETAIL 1/RF-1c TO BE UTILIZED FOR TRUSSES 6'-4" IN HEIGHT OR GREATER.
6. PARTIALLY SHEATHED GABLES, SEE 5/RF-1c FOR "L" BRACING WHEN REQUIRED.
7. LATERAL BRACING CAN BE APPLIED TO EITHER SIDE OF THE WEB MEMBER IDENTIFIED IN THE DRAWING.
8. SHEATHING (OSB OR GYPSUM) REPLACES LATERAL AND DIAGONAL TRUSS BRACING.

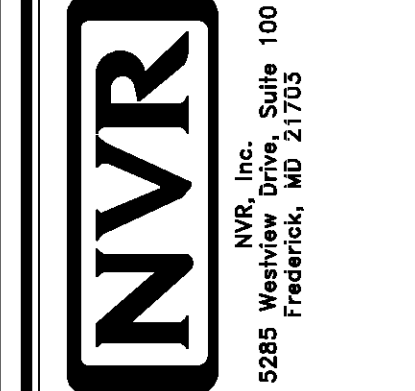


TRUSS BRACING DETAILS
SCALE: 1/8" = 1'-0" SOUTHEAST TRUSS SPECIFICATIONS



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

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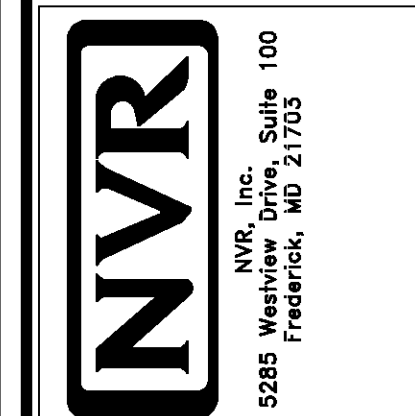
SET NO. SPC00
VERSION 01
DRAWN BY MBT
DATE: 6/19/14
OPTION

SHEET NO. S-3	MODEL S-PRUCE	DRAWING TITLE TRUSS BRACING DETAILS
17	OPTION DESCRIPTION	



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

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SET NO. SPC00
 VERSION 01
 DRAWN BY MBT
 DATE: 6/19/14
 OPTION

SHEET NO. S-4
 DRAWING TITLE WALL BRACING DETAILS
 OPTION DESCRIPTION 1B

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 6/MB-2)
 LIB LET-IN BRACING (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-G CONTINUOUS SHEATHING - WOOD STRUCTURAL PANEL ADJACENT TO GARAGE OPENINGS
 O 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.

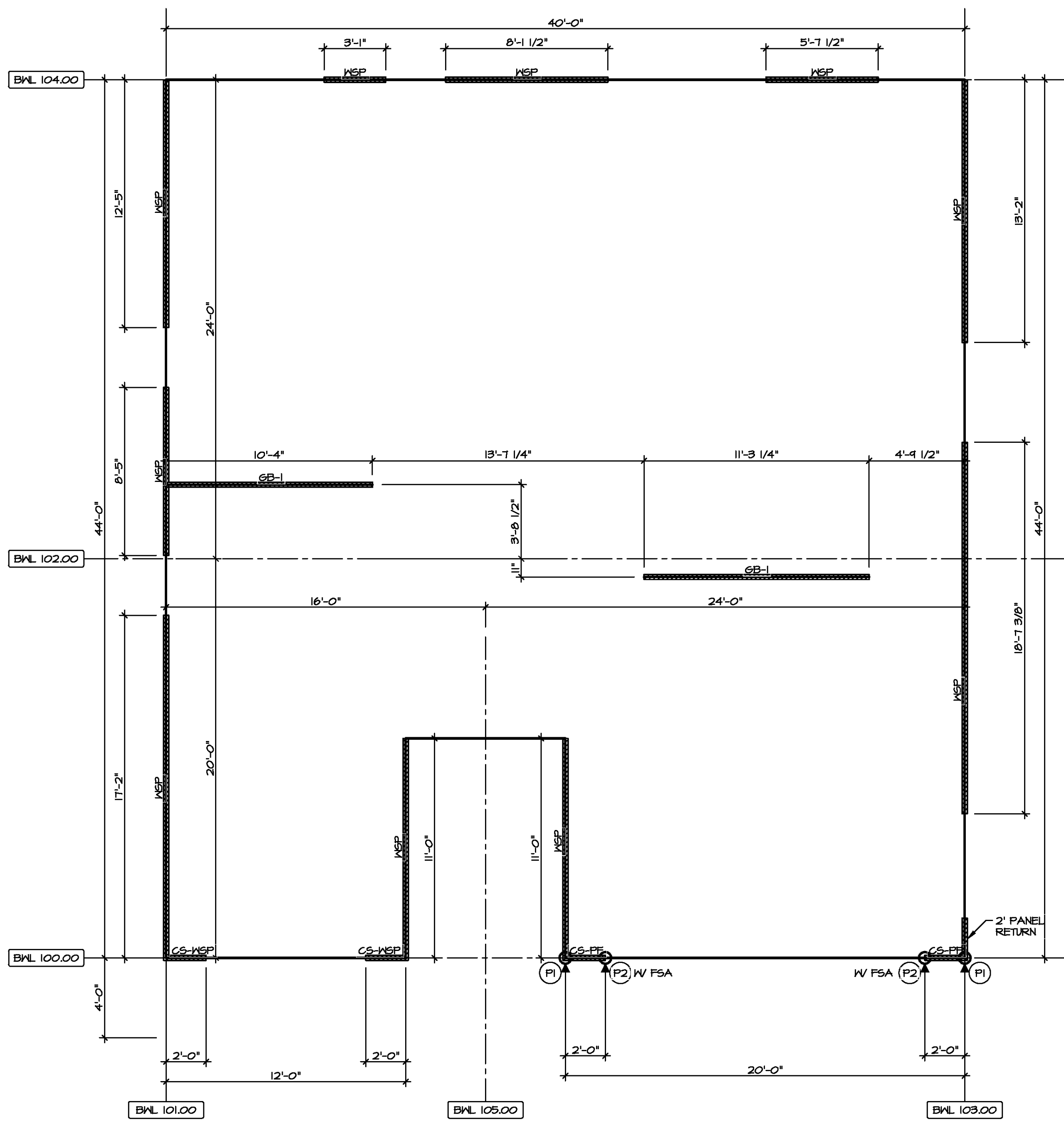
FASTENING SCHEDULE

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 N 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 N 1-1/4" DRYWALL SCREWS	4" O.C.	12" O.C.

NOTES:
 1. MINIMUM 7/16" CROWN WIDTH FOR STAPLES IN WOOD STRUCTURAL PANEL.
 2. SPECIFIED GYPSUM FASTENING REQUIRED ONLY WHERE METHOD GB IS IDENTIFIED. SEE PHASE SPECS FOR TYPICAL GYPSUM FASTENER SPACING.
 3. USE OF STAPLES IN WOOD STRUCTURAL PANEL AS FASTENING METHOD ON WALLS PER ENGINEERED ALTERNATIVE.

BRACED WALL LINE SCHEDULE

WIND SPEED (ULT)	IDENTIFIER	ACTUAL (FT)	REQUIRED (FT)	METHOD
130 MPH	BWL 100.00	10.00'	7.05'	CONTINUOUS (2 SIDES)
130 MPH	BWL 101.00	38.01'	8.61'	WSP (2 SIDES)
130 MPH	BWL 102.00	10.76'	10.71'	GB
130 MPH	BWL 103.00	31.71'	8.81'	WSP (2 SIDES)
130 MPH	BWL 104.00	16.13'	6.75'	WSP (2 SIDES)
130 MPH	BWL 105.00	22.00'	6.00'	WSP (2 SIDES)



1
 5-4 **FIRST FLOOR WALL BRACING DETAIL**
 SCALE: 1/8" = 1'-0"