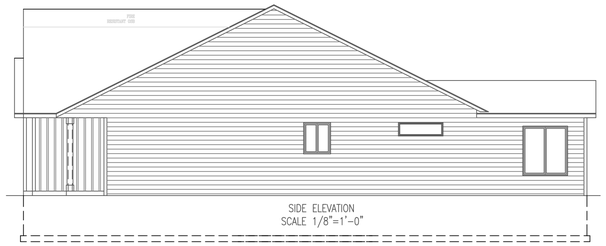
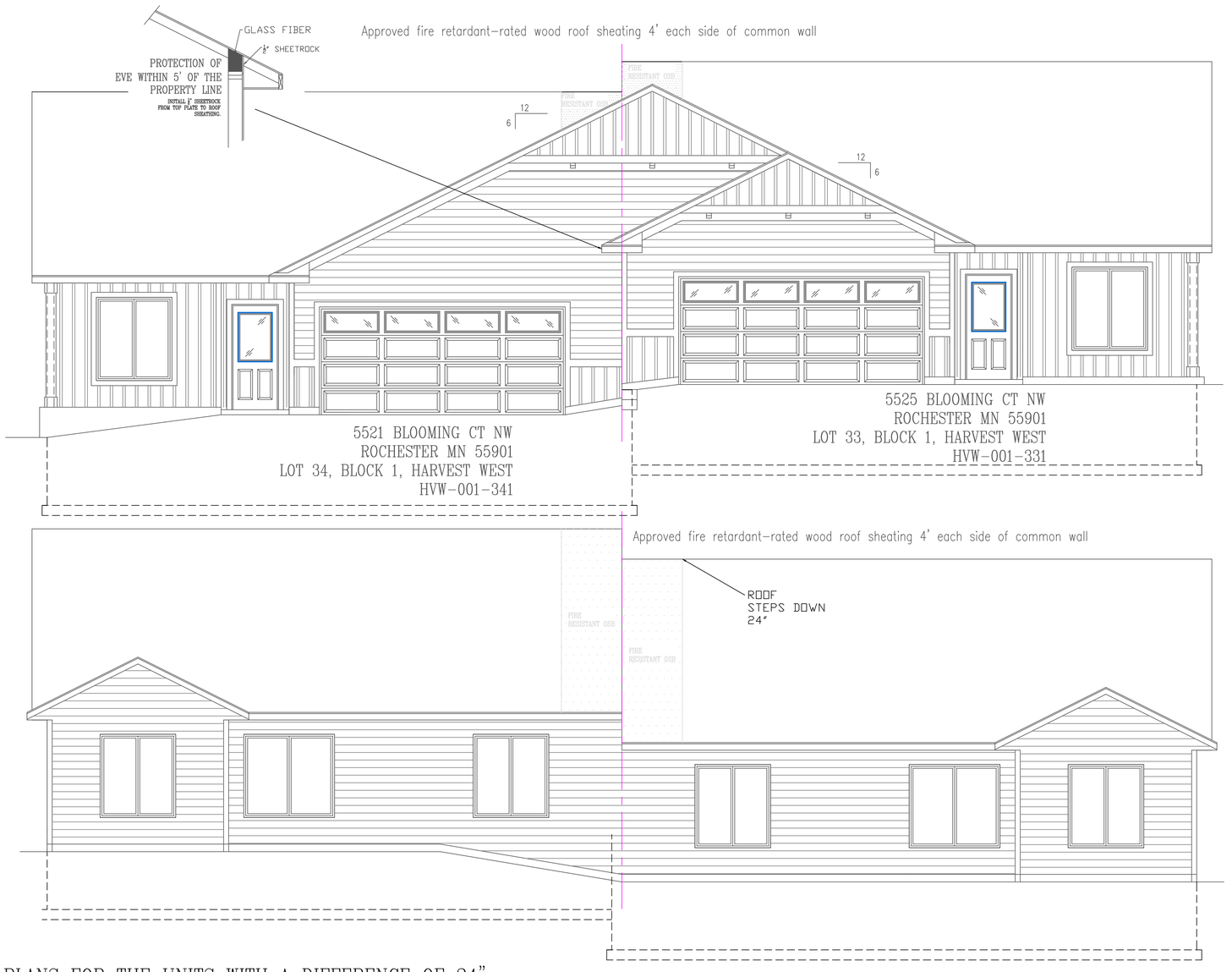


SIDE ELEVATION
SCALE 1/8"=1'-0"



SIDE ELEVATION
SCALE 1/8"=1'-0"



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

REAR ELEVATION
SCALE 1/4"=1'-0"

PLANS FOR THE UNITS WITH A DIFFERENCE OF 24" IN THE FLOOR ELEVATIONS

BIGELOW HOMES
4057 28TH STREET NW #100
BUILDER LICENSE # BC-431673

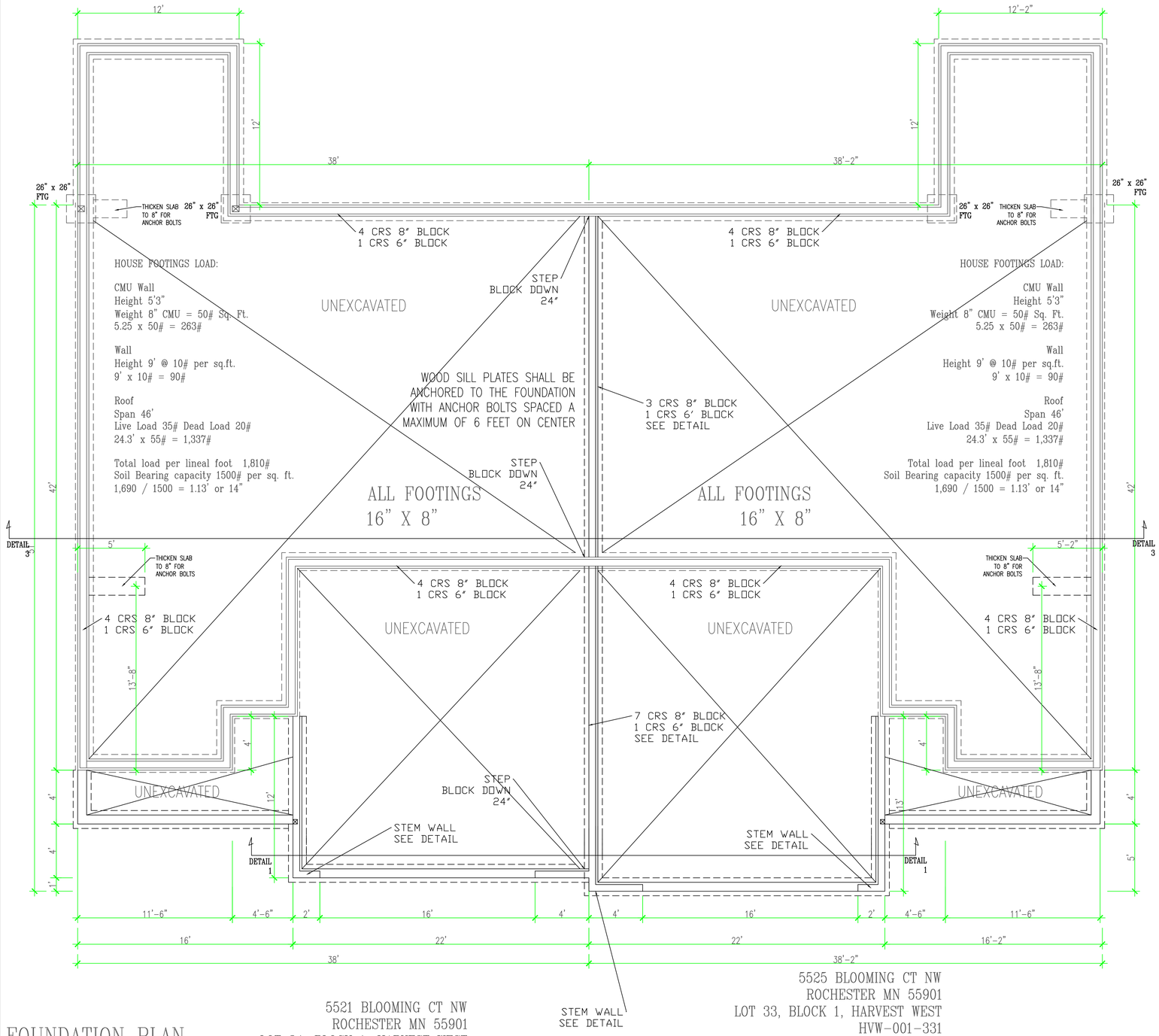
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ACKNOWLEDGED BY: CUSTOMER/CONTRACTOR SIGNATURE DATE

CONTRACTOR: BIGELOW HOMES
HARVEST WEST
MASTER PLAN #20-12
OWNER:

DRAWN BY:	MJP
DATE:	10/13/26
SQ. FT.	NOTED
SCALE:	NOTED
SHEET:	A01

BIGELOW HOMES

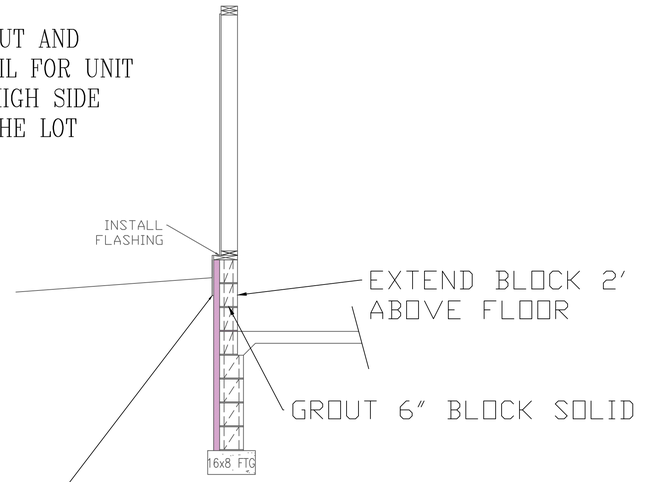


5521 BLOOMING CT NW
ROCHESTER MN 55901
LOT 34, BLOCK 1, HARVEST WEST
HVW-001-341

5525 BLOOMING CT NW
ROCHESTER MN 55901
LOT 33, BLOCK 1, HARVEST WEST
HVW-001-331

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

LAYOUT AND DETAIL FOR UNIT ON HIGH SIDE OF THE LOT



WATERPROOF WALL THAT RETAINS EARTH AND ENCLOSES BELOW GRADE SPACES. INSTALL CLOSED CELL SILL SEAL ON THE TOP OF THE WALL.

PLANS FOR THE UNITS WITH A DIFFERENCE OF 24" IN THE FLOOR ELEVATIONS

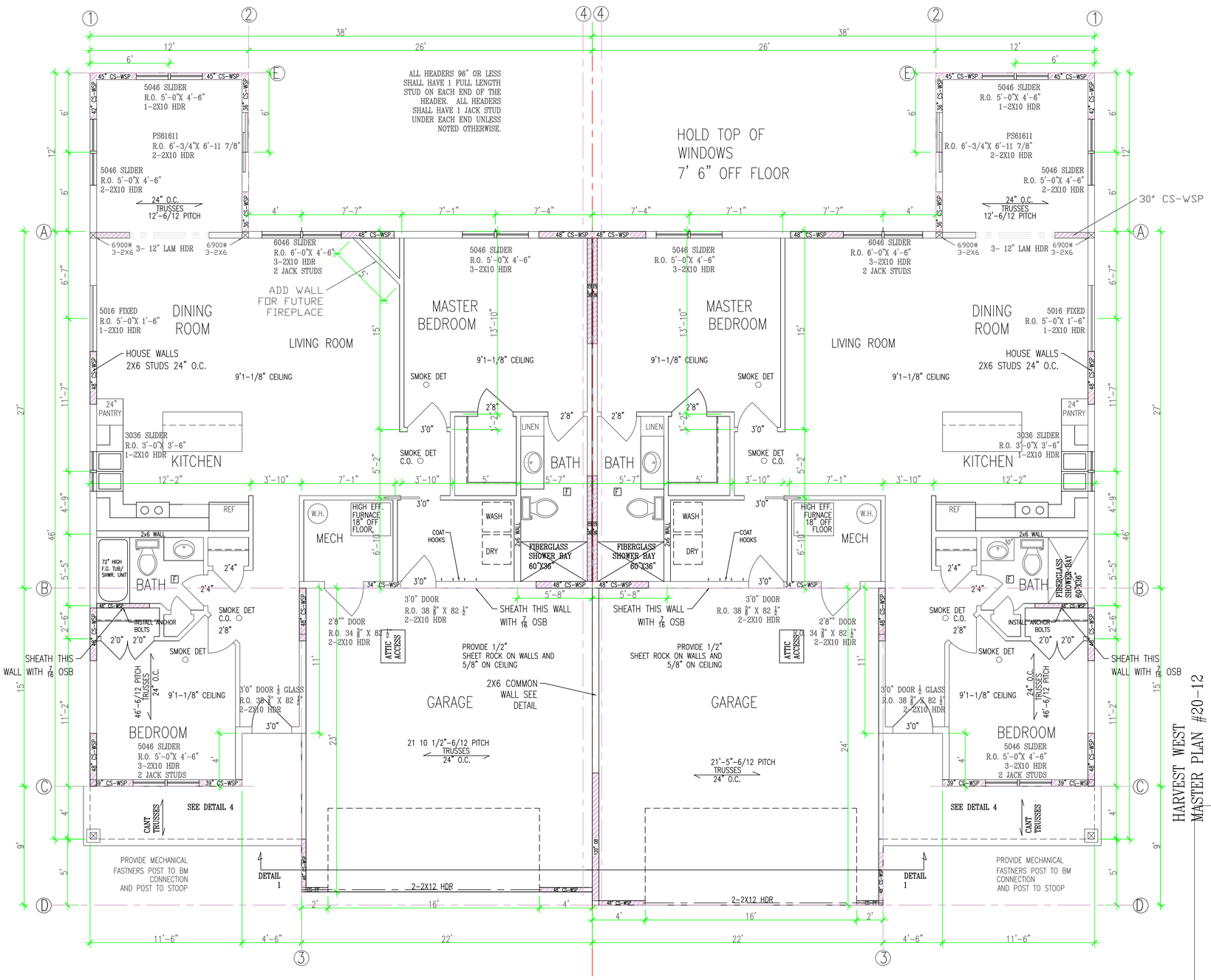
BIGELOW HOMES
4057 28TH STREET NW #100
BUILDER LICENSE # BC-431673

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OWNER: HARVEST WEST MASTER PLAN #20-12

DRAWN BY:	MJP
DATE:	10/13/26
SQ. FT.	NOTED
SCALE:	NOTED
SHEET:	A02
	BIGELOW HOMES



1,394 SQ.FT.

5521 BLOOMING CT NW
ROCHESTER MN 55901
LOT 34, BLOCK 1, HARVEST WEST
HVW-001-341

5525 BLOOMING CT NW
ROCHESTER MN 55901
LOT 33, BLOCK 1, HARVEST WEST
HVW-001-331

1,394 SQ.FT.

HARVEST WEST
MASTER PLAN #20-12

DISCRIPTION: MAIN FLOOR DATE:

BRACED PANEL LENGTH TABLE
BASED ON WIND SPEED (<115mph)

* ADJUSTMENT CALCULATION EXAMPLE: REQUIRED BRACING LENGTH x EXPOSURE FACTOR = ROOF TO EAVE TOTAL; WALL HEIGHT TOTAL x ROOF TO EAVE TOTAL = NUMBER BRACED WALL LINES; REQUIRED BRACING LENGTH (FEET) = PROVIDED BRACING LENGTH

BRACED WALL LINE	BRACING METHOD TABLE R602.10.4.1	BRACED WALL LINE SPACING	REQUIRED BRACING LENGTH (FEET)	EXPOSURE FACTOR CONDITION	ROOF TO EAVE TOTAL	WALL HIGHT TOTAL	NUMBER BRACED WALL LINES	REQUIRED BRACING LENGTH (FEET)	PROVIDED BRACING LENGTH
Ⓐ	CS-WSP	27 FT.	4.2'	1.0	1.1	0.95	1.6	7.1'	10.5'
Ⓑ	CS-WSP	27 FT.	4.2'	1.0	1.1	0.95	1.6	7.1'	10.8'
Ⓒ	CS-WSP	15 FT.	2.8'	1.0	1.1	0.95	1.6	4.7'	6.5'
Ⓓ	CS-WSP	9 FT.	2.0'	1.0	1.1	0.95	1.6	3.4'	6.0'
Ⓔ	CS-WSP	12 FT.	2.3'	1.0	1.1	0.95	1.6	3.9'	7.5'

DISCRIPTION: MAIN FLOOR DATE:

BRACED PANEL LENGTH TABLE
BASED ON WIND SPEED (<115mph)

* ADJUSTMENT CALCULATION EXAMPLE: REQUIRED BRACING LENGTH x EXPOSURE FACTOR = ROOF TO EAVE TOTAL; WALL HEIGHT TOTAL x ROOF TO EAVE TOTAL = NUMBER BRACED WALL LINES; REQUIRED BRACING LENGTH (FEET) = PROVIDED BRACING LENGTH

BRACED WALL LINE	BRACING METHOD TABLE R602.10.4.1	BRACED WALL LINE SPACING	REQUIRED BRACING LENGTH (FEET)	EXPOSURE FACTOR CONDITION	ROOF TO EAVE TOTAL	WALL HIGHT TOTAL	NUMBER BRACED WALL LINES	REQUIRED BRACING LENGTH (FEET)	PROVIDED BRACING LENGTH
①	CS-WSP	38 FT.	5.7'	1.0	1.1	0.95	1.45	8.7'	15.5'
②	CS-WSP	12 FT.	2.3'	1.0	1.1	0.95	1.45	3.5'	6.0'
③	CS-WSP	22 FT.	3.7'	1.0	1.1	0.95	1.45	5.6'	8'
④	GB	38 FT.	11.9'	1.0	1.1	0.95	1.45	18'	18'

WALL BRACING NOTES: CS-WSP

1. ALL WALLS SHALL BE CONTINUOUSLY SHEATHED WITH WOOD STRUCTURAL PANELS
2. CS-WSP ON PLANS INDICATE AREAS OF BRACED PANELS
3. BRACED PANELS SHALL BE CONSTRUCTED WITH 24" O.C. STUDS. TOP PLATE FASTENED TO SOLID FRAMING WITH 8d NAILS 6" O.C.
BOTTOM PLATES FASTENED TO SOLID FRAMING W/ 3-16d NAILS 16"O.C.
7/16" OSB SHEATHING (24/16 INDEX) FASTENED W/ 8d COMMON NAILS 6"O.C. ON EDGES AND 12" O.C. IN FIELD.
SOLID BLOCKING BETWEEN TRUSSES WITH HEEL GREATER THAN 9-1/4" TO WITHIN 2" OF ROOF SHEATHING FASTENED WITH MIN 8d NAILS 6" O.C. ALONG LENGTH OF PANEL
4. ANY OTHER TYPE OF BRACING METHOD SHALL BE INDICATED ON PLAN AND SEPARATE DETAIL WILL BE PROVIDED.

BIGELOW HOMES
4057 28TH STREET NW #100
BUILDER LICENSE # BC-431673

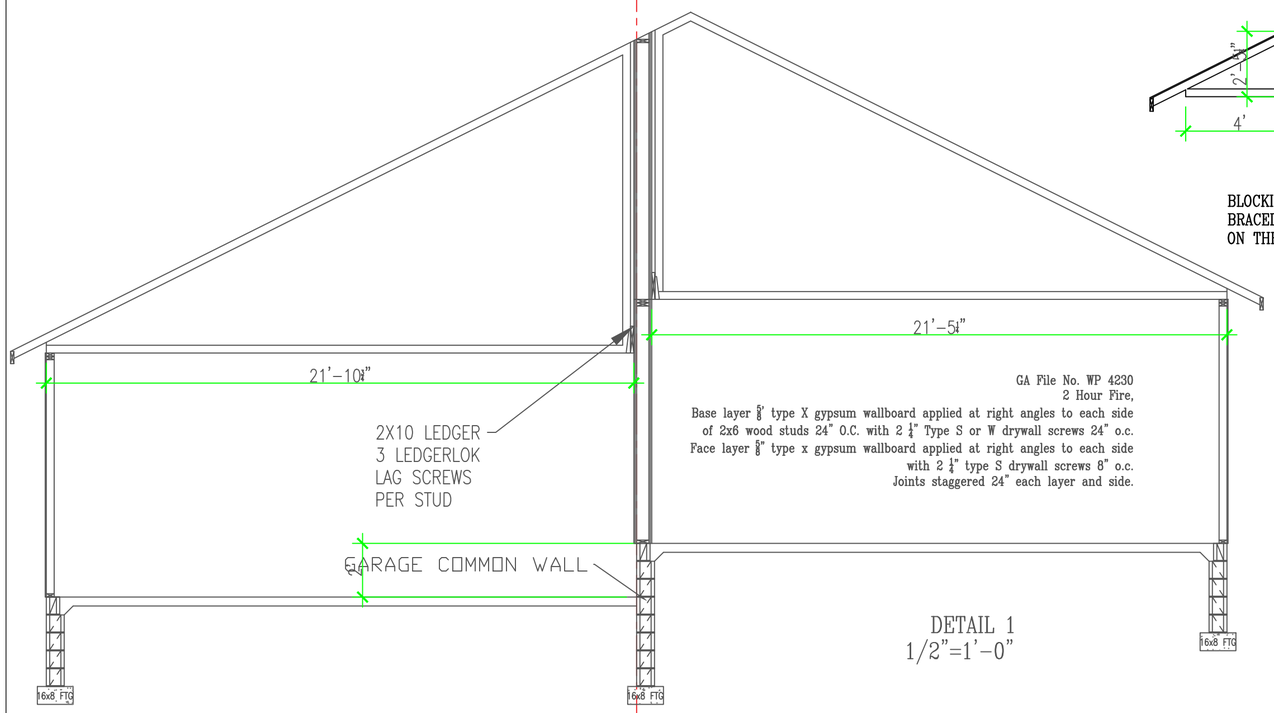
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MASTER PLAN #20-12
OWNER:

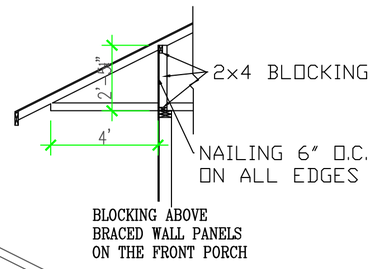
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DATE: 10/13/26
SQ. FT. NOTED
SCALE: NOTED
SHEET: A03

BIGELOW HOMES



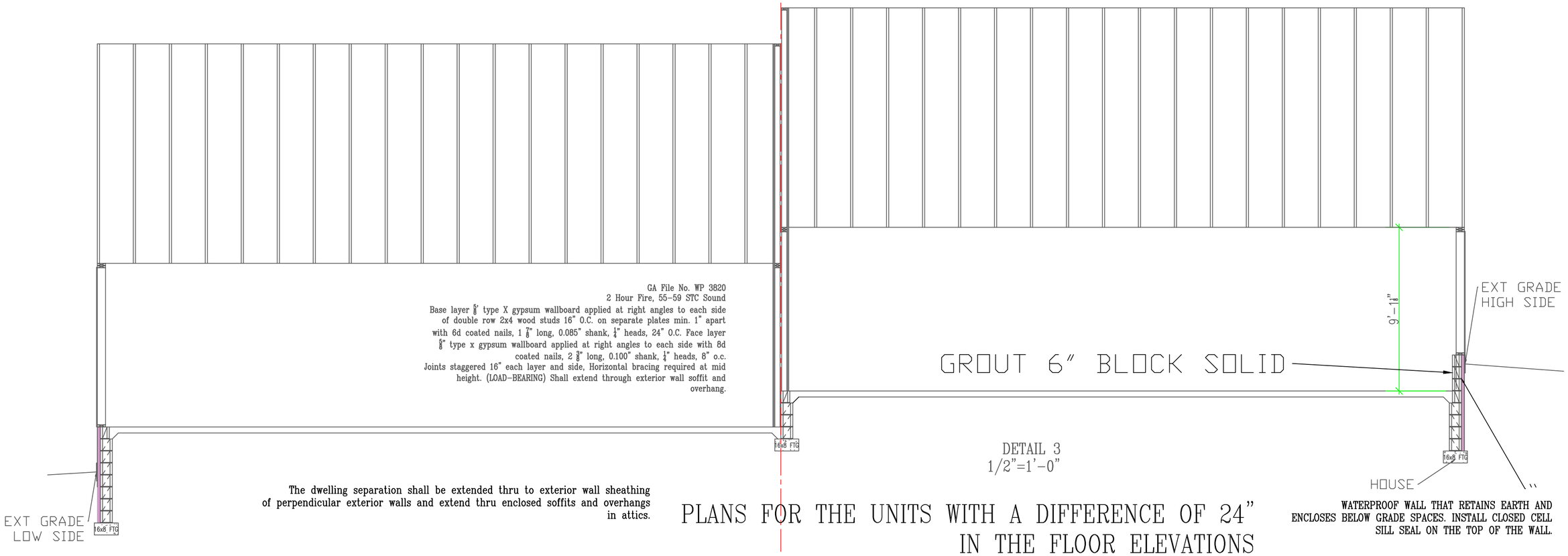
GA File No. WP 4230
2 Hour Fire,
Base layer ⅝" type X gypsum wallboard applied at right angles to each side of 2x6 wood studs 24" O.C. with 2 ¼" Type S or W drywall screws 24" o.c. Face layer ⅝" type x gypsum wallboard applied at right angles to each side with 2 ¼" type S drywall screws 8" o.c. Joints staggered 24" each layer and side.

DETAIL 1
1/2"=1'-0"



BLOCKING ABOVE
BRACED WALL PANELS
ON THE FRONT PORCH

DETAIL 4



DETAIL 3
1/2"=1'-0"

The dwelling separation shall be extended thru to exterior wall sheathing of perpendicular exterior walls and extend thru enclosed soffits and overhangs in attics.

WATERPROOF WALL THAT RETAINS EARTH AND ENCLOSES BELOW GRADE SPACES. INSTALL CLOSED CELL SILL SEAL ON THE TOP OF THE WALL.

PLANS FOR THE UNITS WITH A DIFFERENCE OF 24" IN THE FLOOR ELEVATIONS

BIGELOW HOMES
4057 28TH STREET NW #100
BUILDER LICENSE # BC-431673

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OWNER: HARVEST WEST
MASTER PLAN #20-12

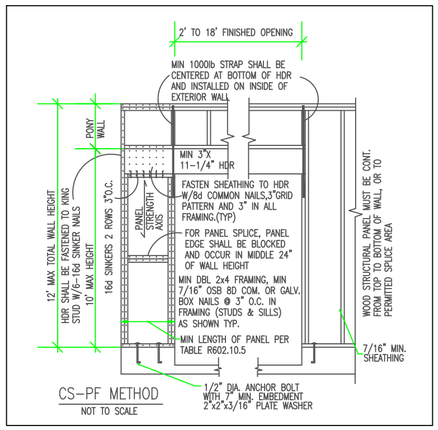
DRAWN BY:	MJP
	10/13/26
	NOTED
	NOTED
	A04
	BIGELOW HOMES

VENTILATION:
ERV SHALL BE INSTALLED TO MEET THE REQUIREMENT OF A BALANCED VENTILATION SYSTEM

INSULATION:

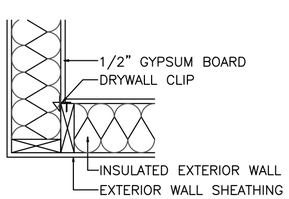
CEILING:	BLOWN FIBERGLASS	R-50
ABOVE GRADE WALLS:	FIBERGLASS BATTS	R-21
FOUNDATION:	2" RIDGID FOAM	R-10

PASSIVE RADON SYSTEM
A MINIMUM 3" DIAMETER PIPE WILL BE INSTALLED THAT ATTACHES TO A "T" FITTING ON THE INSIDE DRAIN TILE AND RUN UP THROUGH THE BUILDING FLOORS AND TERMINATE AT LEAST 12" ABOVE THE SURFACE OF THE ROOF IN A LOCATION AT LEAST 10' AWAY FROM ANY WINDOW OR OTHER OPENING INTO THE CONDITIONED SPACES OF THE BUILDING THAT IS LESS THAN 2' BELOW THE EXHAUST POINT, AND 10' FROM ANY WINDOW OR OTHER OPENING IN AJOINING OR ADJACENT BUILDINGS. THE PIPE WILL BE INSTALLED TO PROVIDE POSITIVE DRAINAGE TO THE GROUND BENEATH THE SLAB OR SOIL-GAS RETARDER. RADON VENT PIPES SHALL PROVIDE ENOUGH SPACE AROUND THE PIPE FOR FUTIRE INSTALLATION OF A FAN SYSTEM. THE SPACE PROVIDED FOR THE INSTALLATION OF A FUTURE FAN SHALL BE MINIMUM OF 24" IN DIAMETER, CENTERED ON THE AXIS OF THE VENT SHAFT, AND SHALL EXTEND FOR A MINIMUM VERTICAL DISTANCE OF 36". AN APPROVED ELECTRICAL OUTLET SHALL BE INSTALL NEAR THIS SPACE. ALL RADON VENT PIPES SHALL DE IDENTIFIED WITH AT LEAST ONE LABEL ON EACH FLOOR AND IN ACCESSIBLE ATTICS. THE LABEL SHALL READ "RADON REDUCTION SYSTEM". RADON PIPES ROUTED THROUGH UNCONDITONED SPACE SHALL BE INSULATED WITH R-4 INSUL.

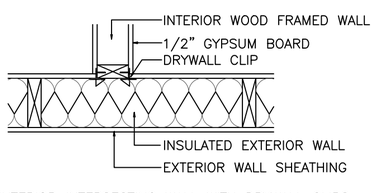


CS-PF METHOD
NOT TO SCALE

THIS HOME WILL BE BUILT USING ADVANCED WALL FRAMING. ALL EXTERIOR WALLS ON THE HOUSE WILL BE 2X6 24" O.C. WITH 2 STUD CORNERS.



2-STUD CORNER WITH DRYWALL CLIPS
GreenBuildingAdvisor.com



INTERIOR INTERSECTING WALL WITH DRYWALL CLIPS
GreenBuildingAdvisor.com

EXTERIOR WALL:

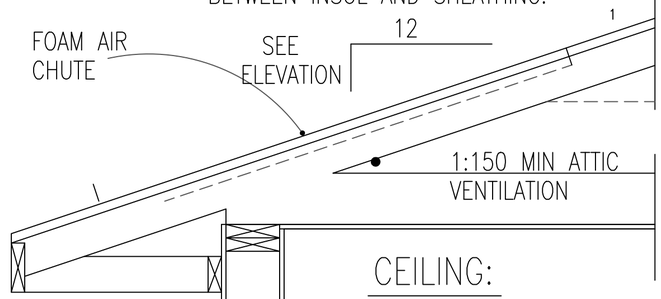
SIDING NOTED ON ELEVATIONS
7/16" OSB SHEATHING
2X6 STUDS 24" O.C.
5-1/2" F.F. INSULATION R-20
6 MIL POLY PERM VAPOR BARRIER TAPED @ JOINTS
1/2" SHEET ROCK

EAVE SYSTEM:

2X6 SUBFASCIA
ALUMINUM FASCIA
2X4 LOOKOUTS 24" O.C.
ALUMINUM SOFFIT W/CANT VENT
AIR CHTUES 48" O.C.

WINDWASH BARRIER:

- AT EXTERIOR EDGE OF ATTIC INSULATION. A MINIMUM OF 1" OF AIR SPACE SHALL BE PROVIDED BETWEEN INSUL AND SHEATHING.

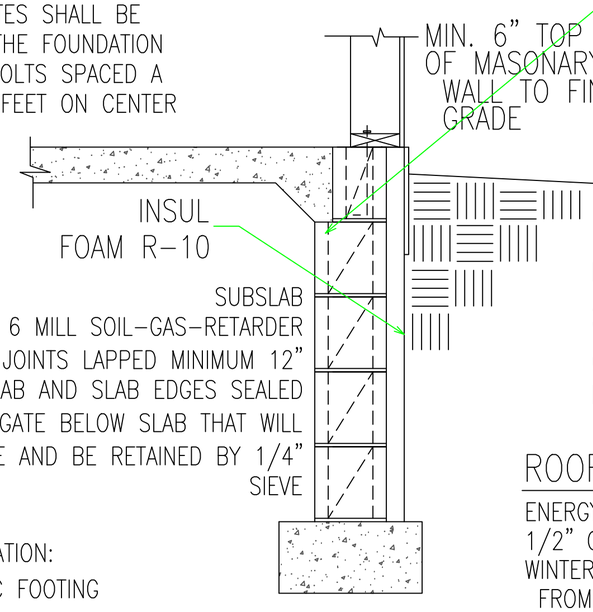


ALL WINDOWS WILL BE ANDERSEN 100 SERIES WITH A U-VALUE NOT TO EXCEED .32

CEILING:

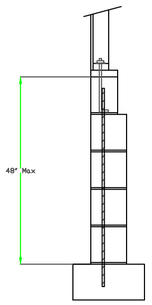
- 5/8" SHEET ROCK
- 6 MIL POLY
- BLOWN INSULATION R-49

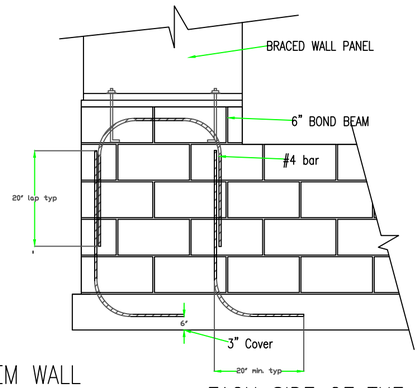
WOOD SILL PLATES SHALL BE ANCHORED TO THE FOUNDATION WITH ANCHOR BOLTS SPACED A MAXIMUM OF 6 FEET ON CENTER



MAIN FOUNDATION:
16"X8" CONC FOOTING
4-CRS 8" CONC BLOCK
1-CRS 6" CONC BLOCK
1/2"X10" ANCHOR BOLTS 6' MAX O.C. SPACING
12" FROM END OF EACH PLATE
2X6 .40 TRTD BOTTOM PLATE.
CLOSED CELL SILL SEAL

SHEATHING FASTENED WITH 8d COMMON NAILS 6" O.C. EDGE AND 12" O.C. FIELD





STEM WALL REINFORCEMENT

EACH SIDE OF THE GARAGE DOOR WHERE BRACED WALL PANELS ATTACH

FOAM COVERED WITH 6-MIL POLY SLIP SHEET AND HAVE RIGID, OPAQUE, AND WEATHER RESISTANT PROTECTIVE COVERING OVER EXPOSED INSULATION EXTENDING MINIMUM 6" BELOW GRADE

ROOF SYSTEM:

ENERGY TRUSSES 24" O.C. SPECS BY MFG.
1/2" OSB ROOF SHEATHING P.I.I. 32/16
WINTERGUARD APPLIED SHINGLE FASHION FROM EAVES TO A POINT 24" INSIDE EXTERIOR WALL.
1 LAYER 15 # FELT ON REMAINING
30 YEAR ASPHALT SHINGLES

BIGELOW HOMES
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SCALE:	NOTED
SHEET:	A05

BIGELOW HOMES