

**SQUARE FOOTAGE**  
LIVING AREA  
FIRST FLOOR - 1944  
SECOND FLOOR - 674  
COVERED REAR PORCH - 504  
OPTIONAL BASEMENT FLOOR - 656  
PENT. STAIR - 146

UNFINISHED AREA  
STORAGE WAREHOUSE - 146  
GARAGE (15 CAR) - 750\*

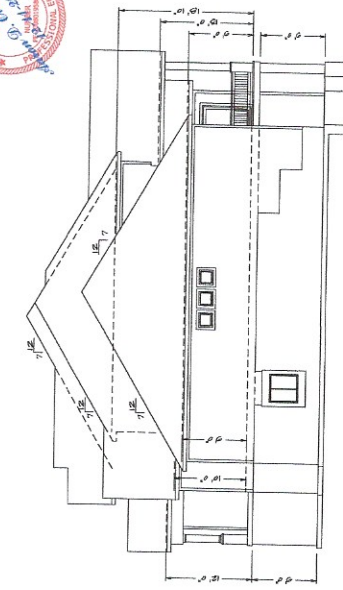


**NOTE:**  
ACTUAL ELEVATIONS MAY VARY FROM ARCHITECTURAL  
DRAWINGS DUE TO TERRAIN/SCROLL PROGRESS  
PRESENT ELEVATION IS ARCHITECTURAL DRAWING AND  
MAY VARY DUE TO MATERIALS AVAILABILITY

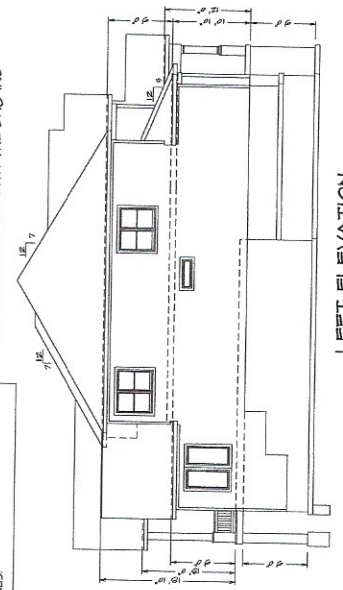
FRONT ELEVATION

ALL NOTES, SECTIONS, AND DRAWINGS  
ARE IN ACCORDANCE WITH THE 2018 IRC

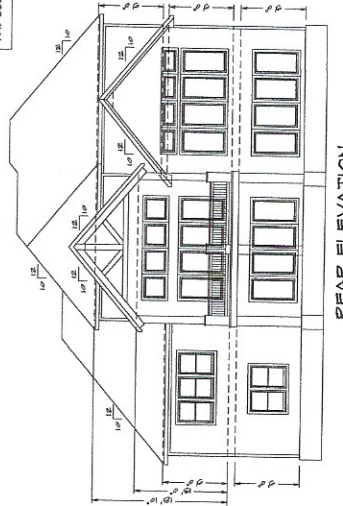
BUILDER/CONTRACTOR IS RESPONSIBLE TO  
CHECK ALL DIMENSIONS FOR ACCURACY  
BETWEEN FLOORS, FOUNDATION, AND ELEVATIONS.  
ALSO VERIFY ALL BEAM, HEADERS, PAD LOCATIONS,  
AND COLUMN SIZES.



RIGHT ELEVATION  
1/2" = 1'-0"

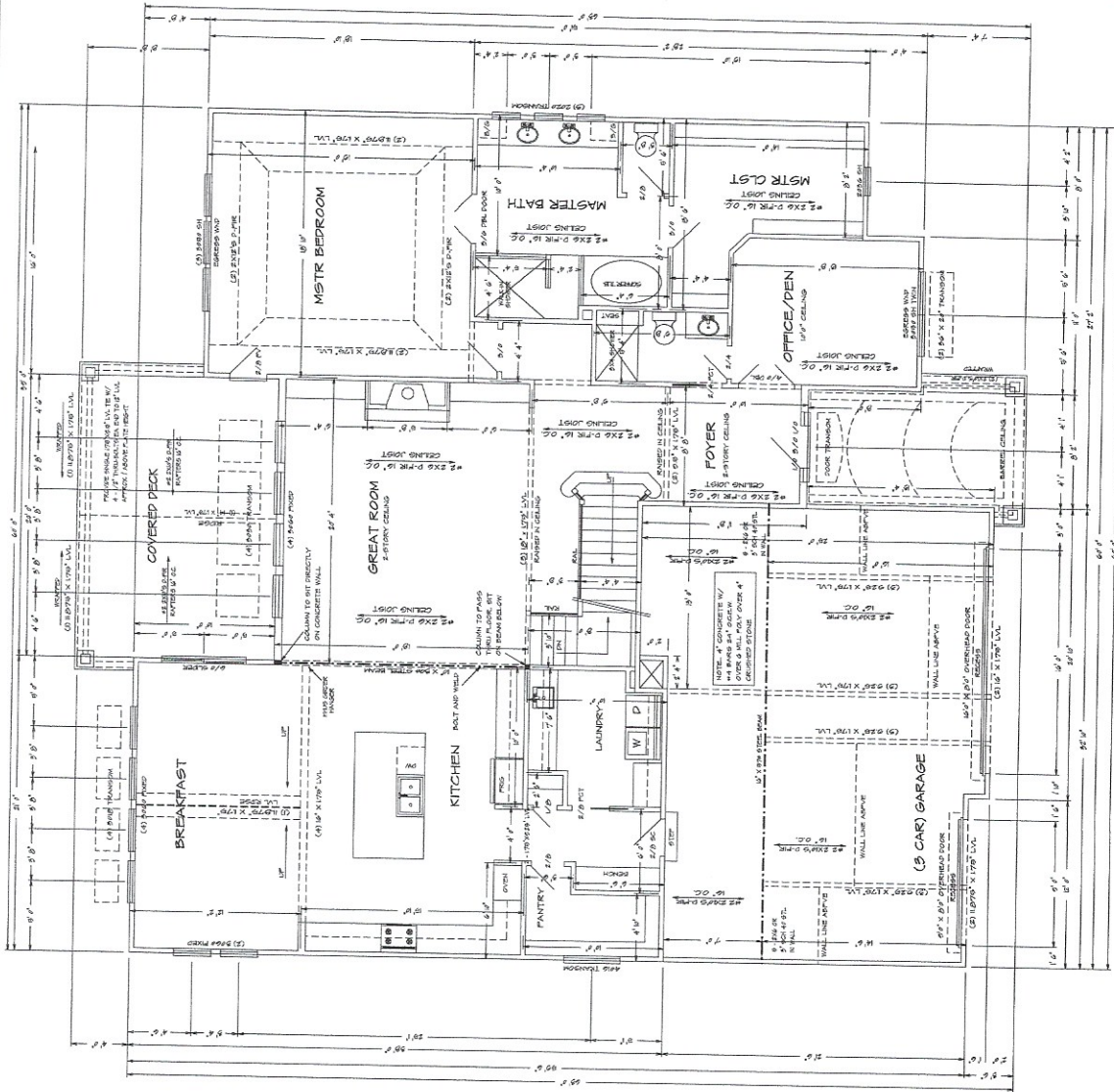


LEFT ELEVATION  
 $\angle \theta = 10^\circ$



REAR ELEVATION





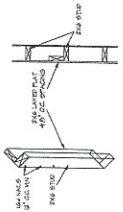
BOARDING WALL LINING

FIRST FLOOR PLAN

1/4" = 1'-0"

ALL NOTES, SECTIONS, AND DRAWINGS  
ARE IN ACCORDANCE WITH THE 2018 IRC

SF-7015



TERIOR TALL WALL SECTION  
10' TALL WALLS  
TO BE CONSTRUCTED WITH UNINTERRUPTED  
#2 2X6 STUDS 16" O.C. WITH  
STIFF BACK EVERY 40" O.C.

[illegible][illegible]

Batteries, water, dust, components and other similar items shall be provided with appropriate glazing area in windows of not less than 5 square feet, one-half of which must be operable.

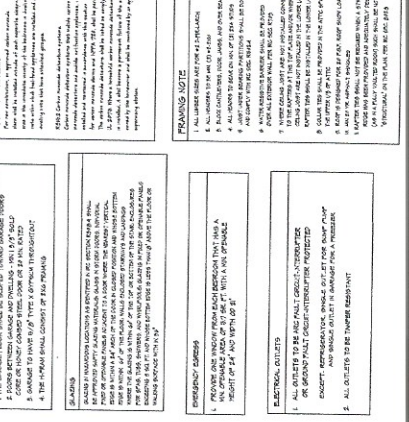
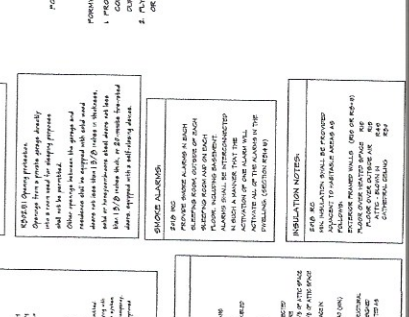
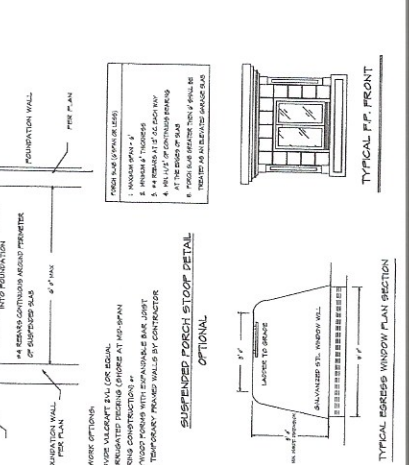
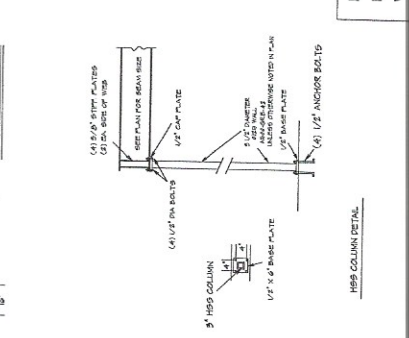
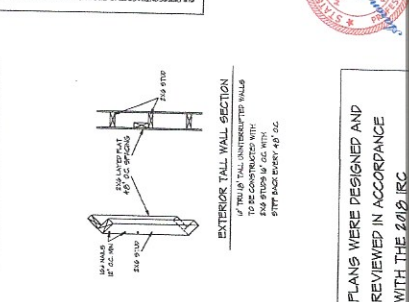
Exception:

The glazed areas shall not be required where artificial light and a local exhaust system are provided.

The minimum local exhaust rates shall be determined in accordance with Section M97.7.

Exhaust air from the system shall be exhausted directly to the outdoors.

SP-7015



TYPICAL PRESS WINDOW PLAN SECTION

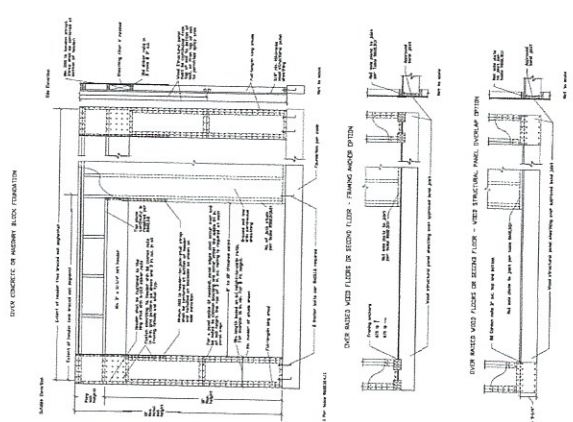
TYPICAL METAL FIRE PLACE

Foundation Wall Reinforcement Schedule - Table 2

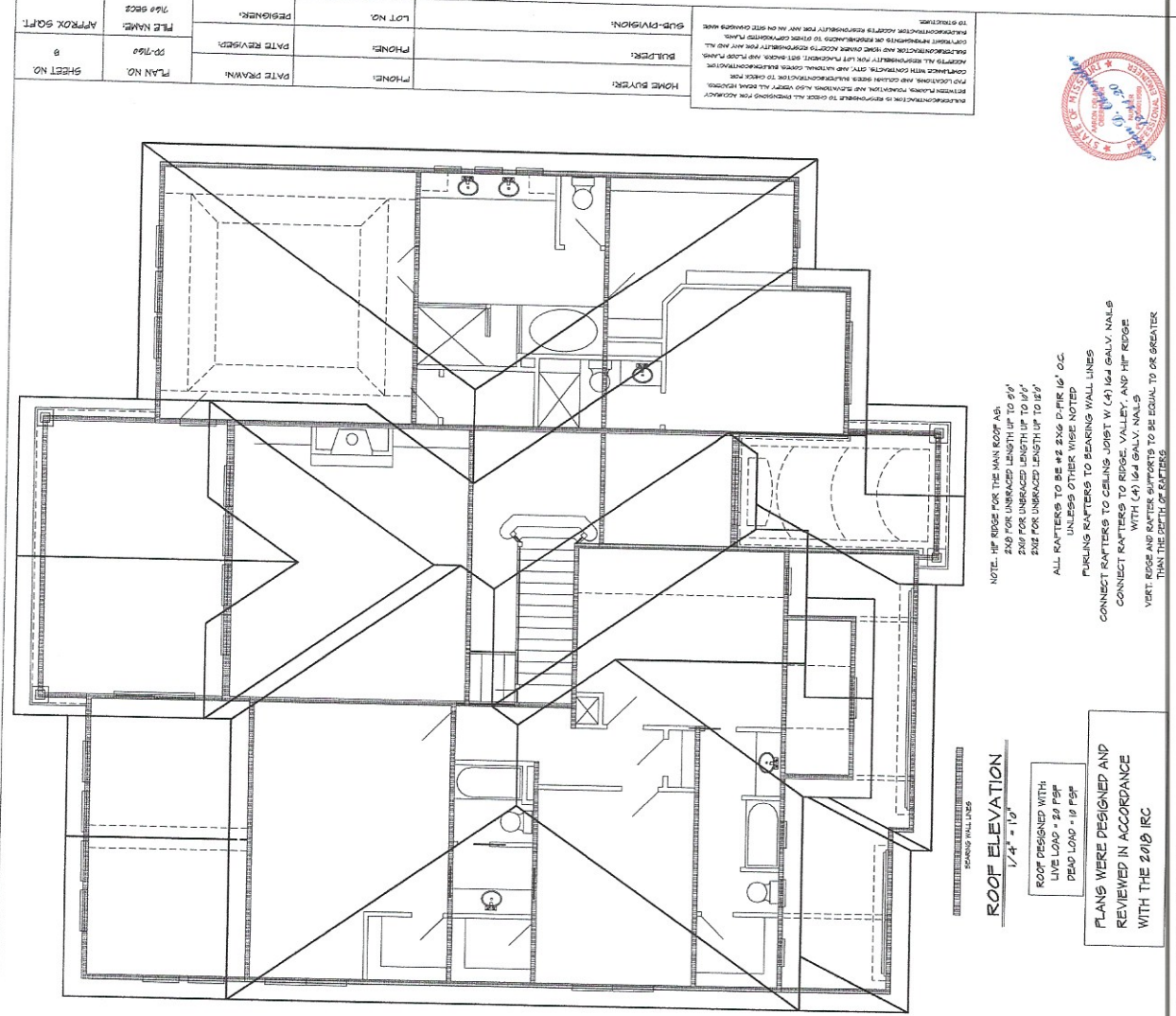
| Vertical reinforcement spacing 60 psf soil        |      |      |      |      |      |      |      |      |      |
|---------------------------------------------------|------|------|------|------|------|------|------|------|------|
| Reinforcement #4 bar                              |      |      |      |      |      |      |      |      |      |
| 3,000 psi / Grade 40                              | 8"   | 9"   | 10"  | 12"  | 16"  | 24"  | 36"  | 48"  | 60"  |
| 3,000 psi / Grade 40                              | 16   | 12   | NP   | 24   | 16   | 24   | 12   | 12   | 12   |
| 3,000 psi / Grade 60                              | 24   | 16   | NP   | 24   | 16   | 24   | 12   | 12   | 12   |
| 3,000 psi / Grade 60                              | 24   | 16   | NP   | 24   | 16   | 24   | 12   | 12   | 12   |
| Horizontal reinforcement - Minimum Grade 40 Steel | 16   | 16   | NP   | 24   | 16   | 24   | 12   | 12   | 12   |
| One bar 12" from top of wall                      | 4-44 | 5-44 | 6-44 | 4-44 | 5-44 | 6-44 | 4-44 | 5-44 | 6-44 |
| Maximum spacing 24" o.c.                          |      |      |      |      |      |      |      |      |      |

- Notes:
- 1) Wall height is measured from the top of the wall to the top of the floor slab.
  - 2) 24 inch on center may be placed in the middle of the wall. Other walls shall have 16 inch on center.
  - 3) Reinforcement shall be placed as follows:
    - a) Outer bars shall be placed within 12 inches of the top of the wall.
    - b) 10-inch wall - Minimum 6.75 inches from the outside face.
    - c) 12-inch wall - Minimum 8 inches from the outside face.
    - d) 16-inch wall - Minimum 10 inches from the outside face.
    - e) Horizontal bars should be as close to the bottom as possible (12 inches from the bottom).
    - f) Vertical reinforcement shall be placed at 45-degree angle at corners of openings per Figure 4a. Place reinforcement within 12 inches of the top of the wall.
  - 4) Reinforcement shall be placed as follows:
    - a) Concrete exposed to earth - minimum 1-1/2 inches.
    - b) Not exposed to earth (interior side of wall) - minimum 3/4 inch.
    - c) Reinforcement shall be placed within 12 inches of the top of the wall.
    - d) Horizontal bars should be as close to the bottom as possible (12 inches from the bottom).
    - e) Vertical reinforcement shall be placed at 45-degree angle at corners of openings per Figure 4a. Place reinforcement within 12 inches of the top of the wall.
  - 5) Reinforcement shall be placed as follows:
    - a) Reinforcement shall be placed within 12 inches of the top of the wall.
    - b) Horizontal bars should be as close to the bottom as possible (12 inches from the bottom).
    - c) Vertical reinforcement shall be placed at 45-degree angle at corners of openings per Figure 4a. Place reinforcement within 12 inches of the top of the wall.
  - 6) Reinforcement shall be placed as follows:
    - a) Reinforcement shall be placed within 12 inches of the top of the wall.
    - b) Horizontal bars should be as close to the bottom as possible (12 inches from the bottom).
    - c) Vertical reinforcement shall be placed at 45-degree angle at corners of openings per Figure 4a. Place reinforcement within 12 inches of the top of the wall.
  - 7) Straight walls more than 5 feet tall and more than 16 feet long shall be provided with exterior bracing walls (See 3.5.2).

| ITEM | DESCRIPTION OF MATERIAL            | QUANTITY | UNIT  | PRICE  | TOTAL  |
|------|------------------------------------|----------|-------|--------|--------|
| 1    | Concrete for foundation walls      | 1.00     | CU YD | 120.00 | 120.00 |
| 2    | Reinforcement for foundation walls | 1.00     | CU YD | 120.00 | 120.00 |
| 3    | Formwork for foundation walls      | 1.00     | CU YD | 120.00 | 120.00 |
| 4    | Backfill for foundation walls      | 1.00     | CU YD | 120.00 | 120.00 |
| 5    | Gravel for foundation walls        | 1.00     | CU YD | 120.00 | 120.00 |
| 6    | Drainage for foundation walls      | 1.00     | CU YD | 120.00 | 120.00 |
| 7    | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 8    | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 9    | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 10   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 11   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 12   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 13   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 14   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 15   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 16   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 17   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 18   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 19   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 20   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 21   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 22   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 23   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 24   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 25   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 26   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 27   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 28   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 29   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 30   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 31   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 32   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 33   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 34   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 35   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 36   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 37   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 38   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 39   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 40   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 41   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 42   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 43   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 44   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 45   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 46   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 47   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 48   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 49   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 50   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 51   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 52   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 53   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 54   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 55   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 56   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 57   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 58   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 59   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 60   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 61   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 62   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 63   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 64   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 65   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 66   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 67   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 68   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 69   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 70   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 71   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 72   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 73   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 74   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 75   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 76   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 77   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 78   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 79   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 80   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 81   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 82   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 83   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 84   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 85   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 86   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 87   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 88   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 89   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 90   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 91   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 92   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 93   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 94   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 95   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 96   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 97   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 98   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 99   | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |
| 100  | Foundation walls                   | 1.00     | CU YD | 120.00 | 120.00 |



6-FT WALL BRACING SECTION



NOTE: HP RIDGE FOR THE MAIN ROOF AS:  
 2x6 FOR UNBRACED LENGTH UP TO 8'-0"  
 2x6 FOR UNBRACED LENGTH UP TO 8'-0"  
 2x6 FOR UNBRACED LENGTH UP TO 8'-0"  
 ALL RAFTERS TO BE 2x6 @ 24" O.C.  
 UNLESS OTHERWISE NOTED  
 PURLING RAFTERS TO BE 2x6 @ 24" O.C.  
 CONNECT RAFTERS TO CEILING JOINT W/ (4) 1/2" GALV. NAILS  
 CONNECT RAFTERS TO RIDGE VALLEY AND HP RIDGE  
 WITH (4) 1/2" GALV. NAILS  
 VERT. RIDGE AND BRACE SUPPORTS TO BE EQUAL TO OR GREATER  
 THAN THE DEPTH OF RAFTERS



| DATE       | REVISION | BY         | DATE | REVISION   | BY |
|------------|----------|------------|------|------------|----|
| 10/10/2010 | 1        | 10/10/2010 | 1    | 10/10/2010 | 1  |