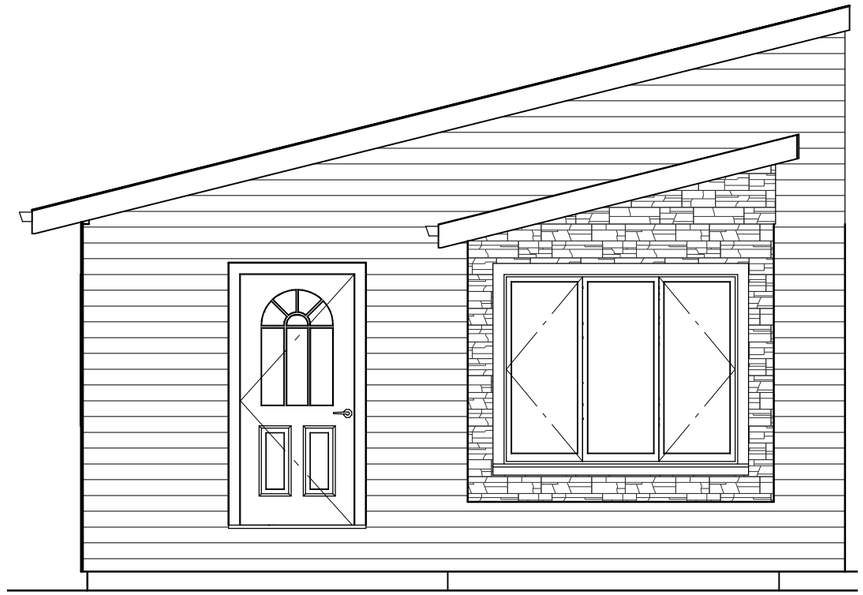
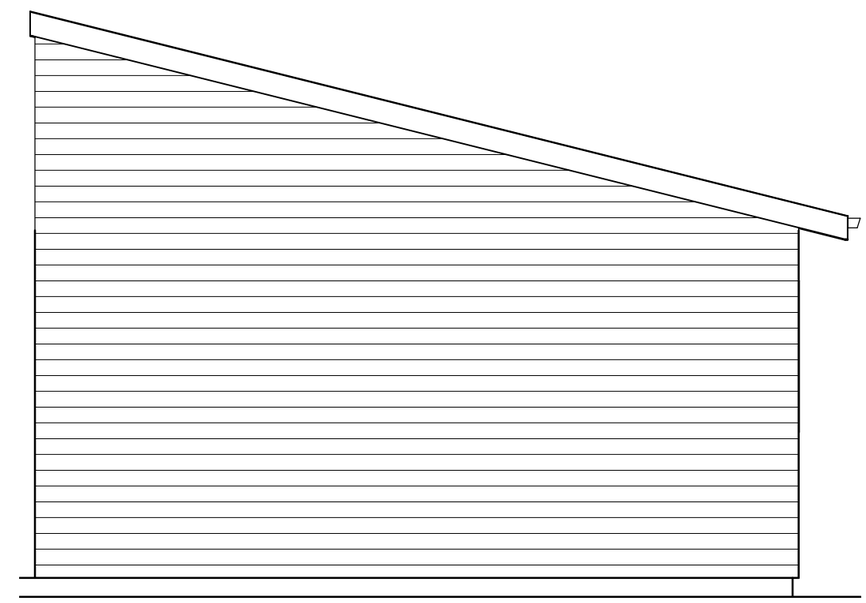


Front Elevation 1/4"=1'



Rear Elevation 1/4"=1'

DakotaPlex

1-Bedroom LH

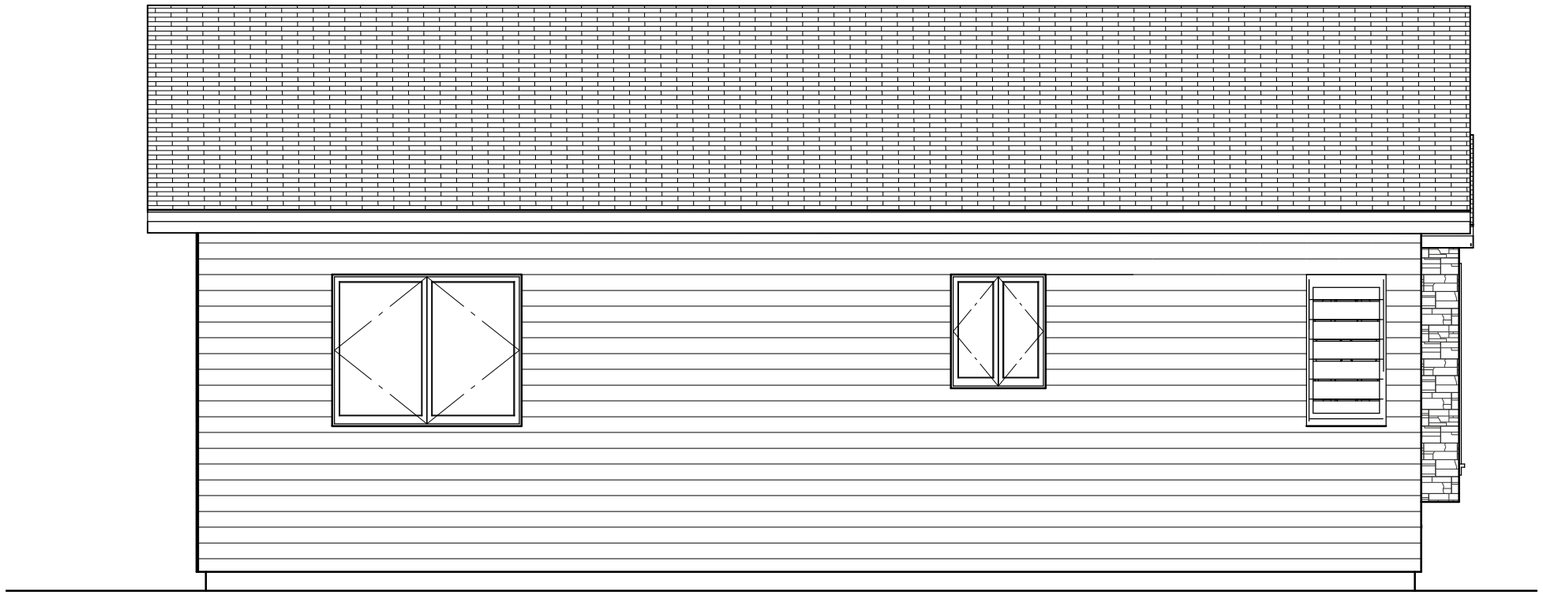
1

SOUTH DAKOTA HOUSING DEVELOPMENT AUTHORITY

DakotaPlex
1-Bedroom RH

DESIGN BY:
Mike Harsma

11/5/2019



Left Elevation 1/4"=1'

Window Schedule		
Type	R.O Size	Style
A	60"x48"	Casement
B	30"x36"	Casement
C	72"x60"	Triple Casement

Door Schedule			
Type	Size	R.O. Size	Style
A	3'-0"x6'8"	38 1/2"x82 1/2"	Ins. Steel w/ Lite
B	3'0"x6'8"	38 1/2"x82 1/2"	Wood Passage
D	5'0"x6'8"	62 1/2"x82 1/2"	Wood Bifold

DakotaPlex
1-Bedroom LH

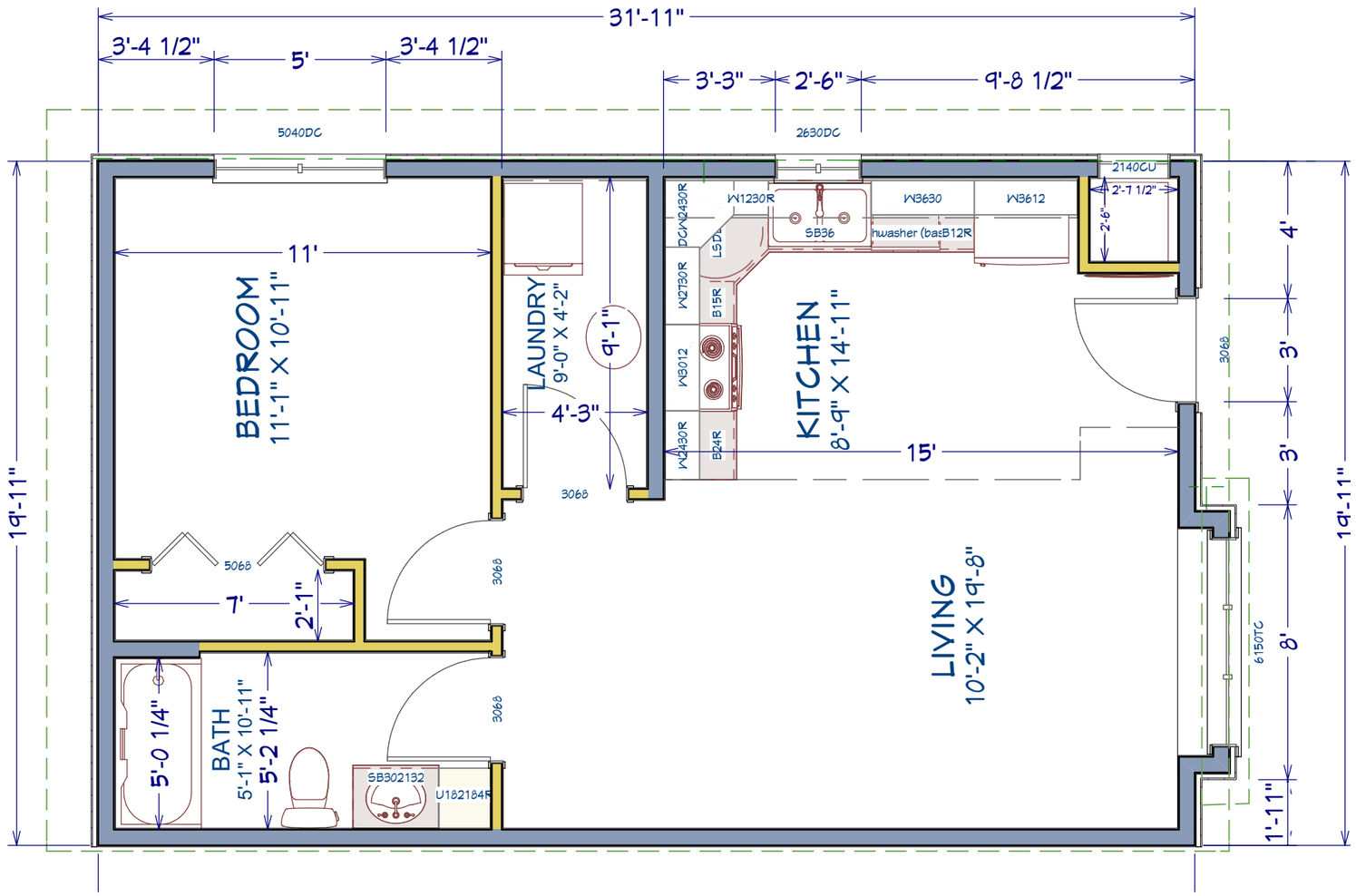
2

SOUTH DAKOTA HOUSING DEVELOPMENT AUTHORITY

DakotaPlex
1-Bedroom RH

DESIGN BY:
Mike Harsma

11/5/2019



Main Floor

DakotaPlex
1-Bedroom LH

Dimensions are Framing Dimension. Verify surface dimension upon ordering 1/4" = 1'

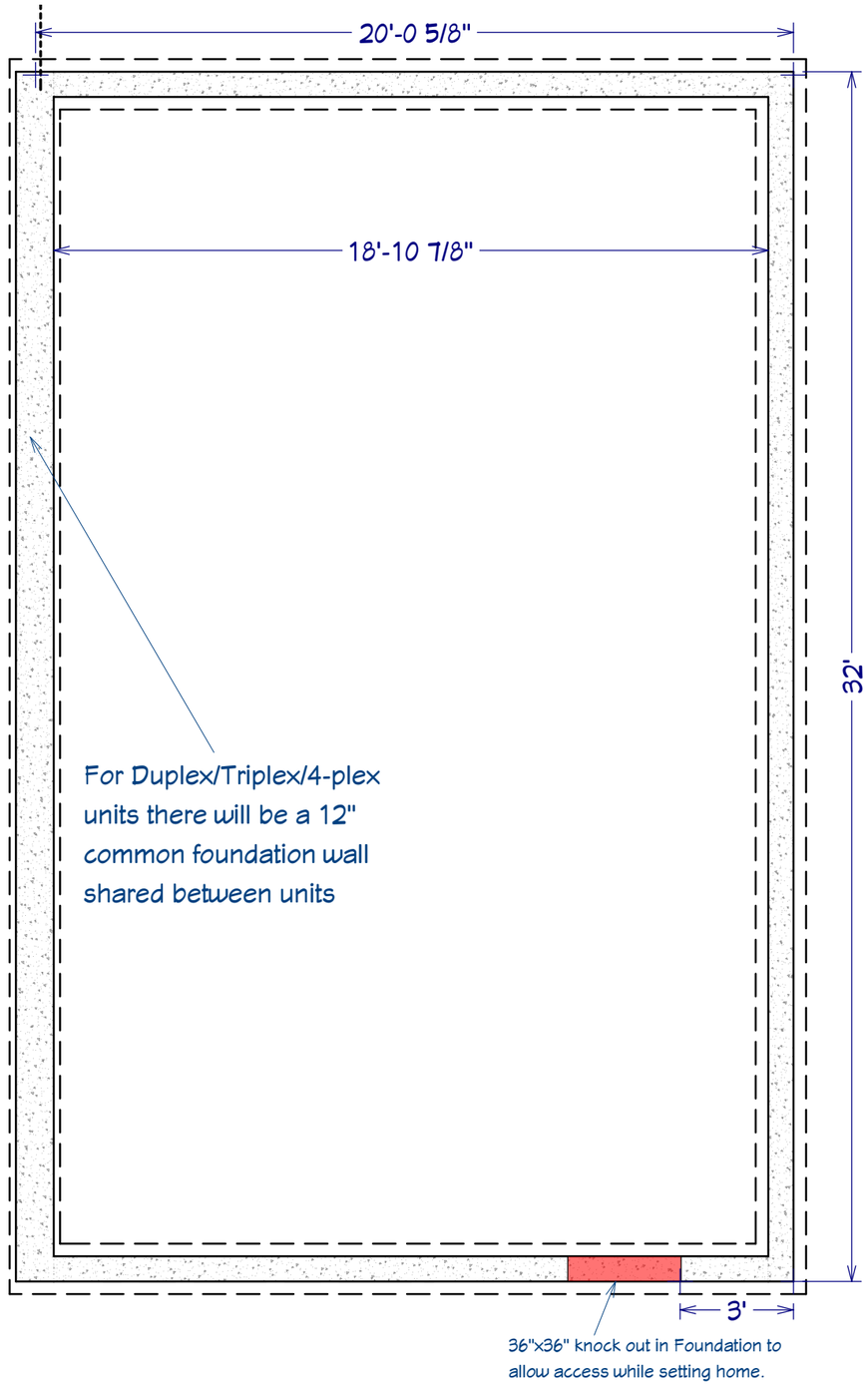
3

SOUTH DAKOTA HOUSING DEVELOPMENT AUTHORITY

DakotaPlex
1-Bedroom RH

DESIGN BY:
Mike Harsma

11/5/2019

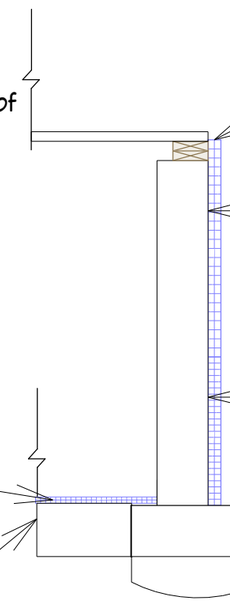


DakotaPlex

1-Bedroom LH

Crawlspace lay-out

Note: Insulated and sealed crawlspaces should NOT have added ventilation but should be treated as a conditioned area. Supply air = to 1CFM per 50CFT of volume should be routed from the existing main floor duct system through the main floor Heat Recovery Ventilator



Double 2x6 Treated Wood Sill Plate, Sill seal, with 1/2" Anchor Bolts 6' O.C.

2" Minimum XPS Insulation Entire Foundation Wall

Moisture Control barrier Outside of Foundation Wall

6mil Poly Vapor Barrier Entire Crawlspace Floor

Min. 1" XPS Insulation 4' Entire Perimeter

6" Gravel Base Course

6" Perf. Drain Tile W/ Radon Control Sock Routed to Sealed Sump Pit

Crawlspace Wall detail

General Notes:

These Plans are meant to be a guide for foundation construction only.
Because local codes and conditions vary widely across the state, owner/contractor should consult with local code officials and verify soil conditions prior to beginning work. Wall dimensions, blocking locations, reinforcement type and footing details could change substantially from location to location.

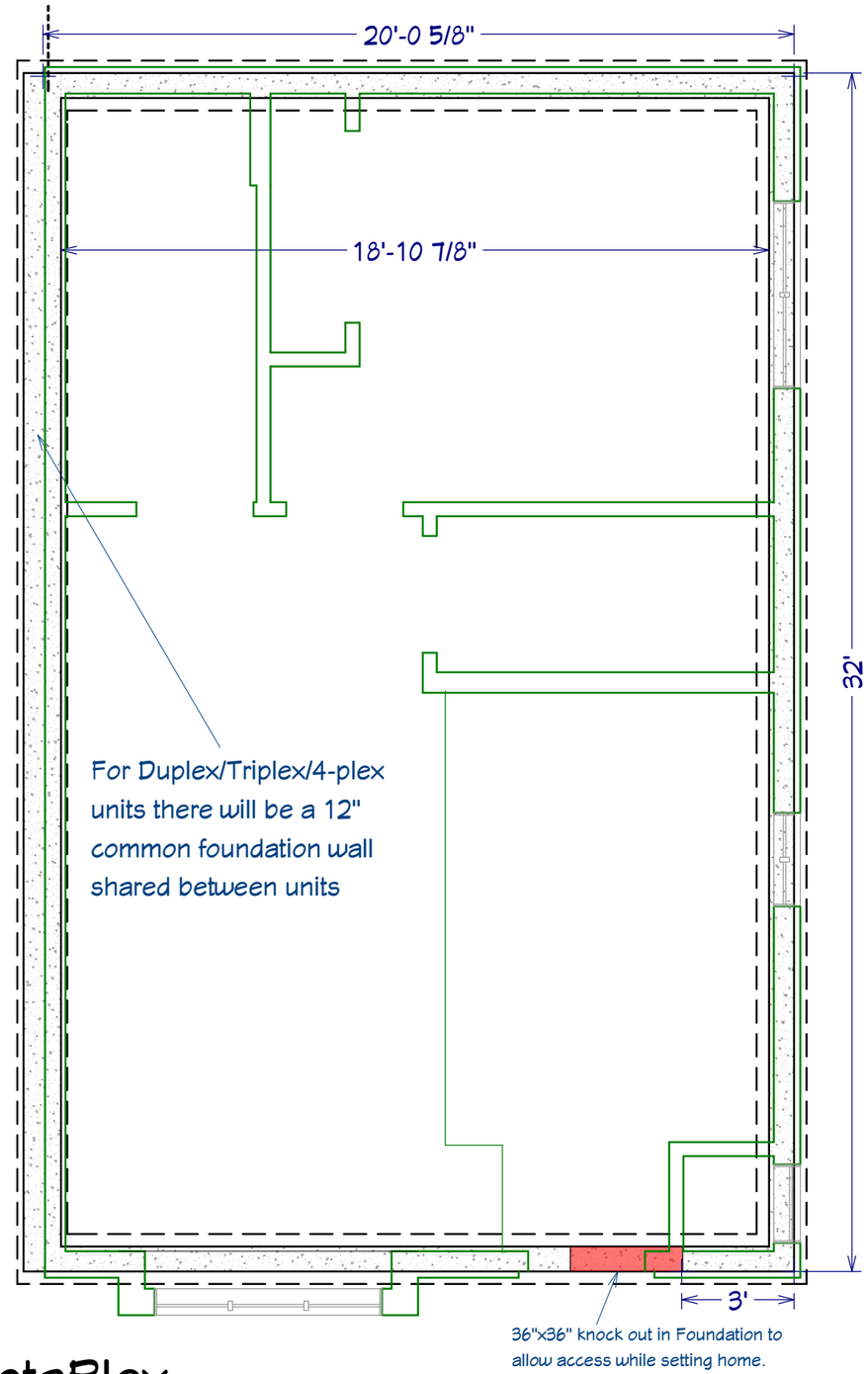
4

SOUTH DAKOTA HOUSING DEVELOPMENT AUTHORITY

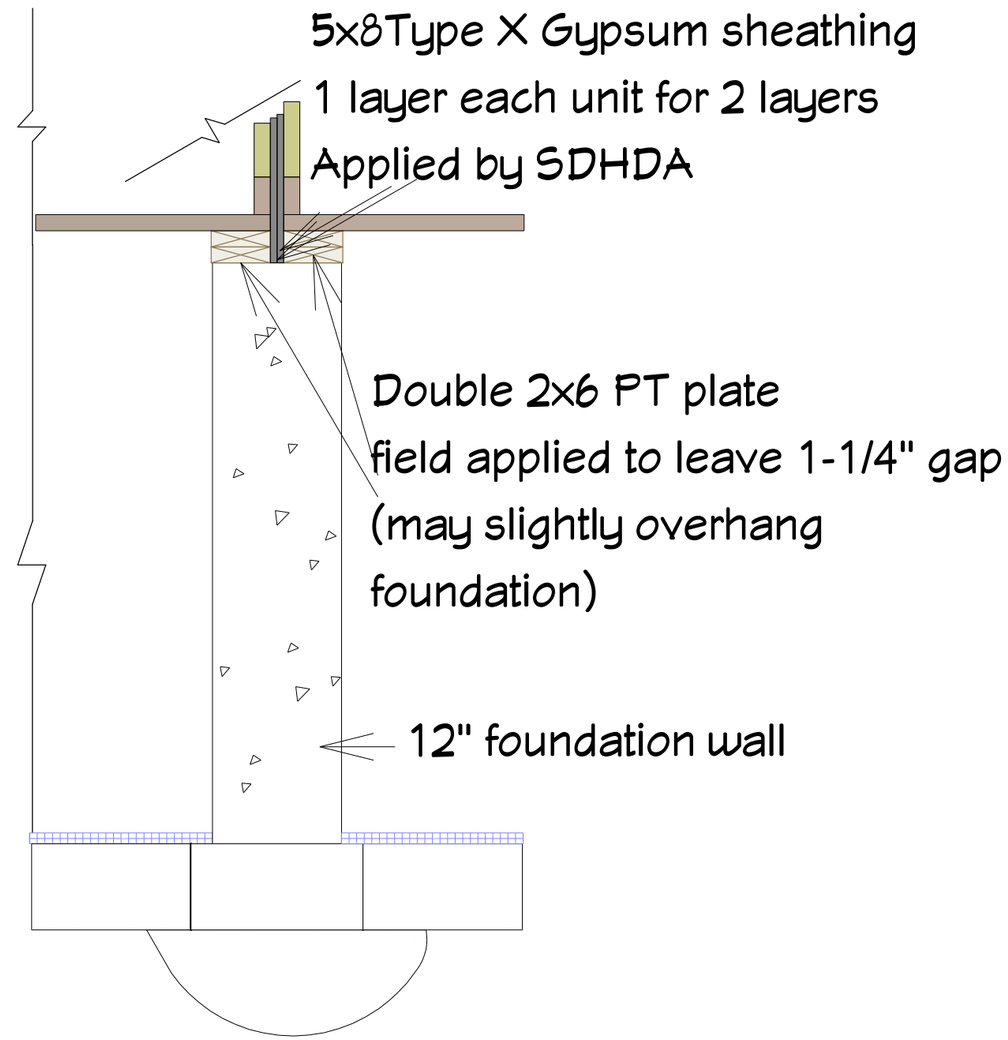
DakotaPlex
1-Bedroom RH

DESIGN BY:
Mike Harsma

11/5/2019



DakotaPlex
1-Bedroom LH



DakotaPlex Common Foundation Wall

General Notes:
These Plans are meant to be a guide for foundation construction only.
Because local codes and conditions vary widely across the state, owner/contractor should consult with local code officials and verify soil conditions prior to beginning work. Wall dimensions, blocking locations, reinforcement type and footing details could change substantially from location to location.

Note:
TheDakotaPLex is designed to be placed on an insulated and sealed basement. It should be treated as a conditioned area. Supply air = to 1CFM per 50 CFT of volume should be routed to the area

5

SOUTH DAKOTA HOUSING DEVELOPMENT AUTHORITY

DakotaPlex
1-Bedroom RH

DESIGN BY:
Mike Harsma
11/5/2019