



Above grade frame walls
(R20 batts with vapor barrier on interior side)
Existing

Mineral Fiber board (R-10)
Existing

Foundation wall
Existing

Drywall

Open-web Floor
trusses

Top plate (untreated)
Menards Construction/Framing Lumber
Proposed

Is empty space OK from a moisture aspect?

No batts installed

Drywall (no vapor barrier underneath)
Proposed

Foamular 250 XPS 2" (R-10)
Glued to concrete with PL-300 adhesive
Possibly use Gorilla glue on foam to foam overlap
May need to trim existing vapor barrier that hangs down over concrete
Proposed

Foamular 250 XPS 2" (R-10)
Glued to concrete blocks with PL-300 adhesive
Proposed

2x4 stud wall
Menards Construction/Framing Lumber
Proposed

Note: no insulation installed in cavity. Reason is to keep below code max of R-11 (R402.2.8 Exception)

Treated bottom plate (attached to concrete with Ramset nails)
Menards AC2 Ground Contact Treated Lumber
Proposed

Notes:

- Possible built-in shelving (< 8 in depth) on tv wall
- 24" closet for electrical panel on tv wall
- Fireblock new wall with dimensional lumber