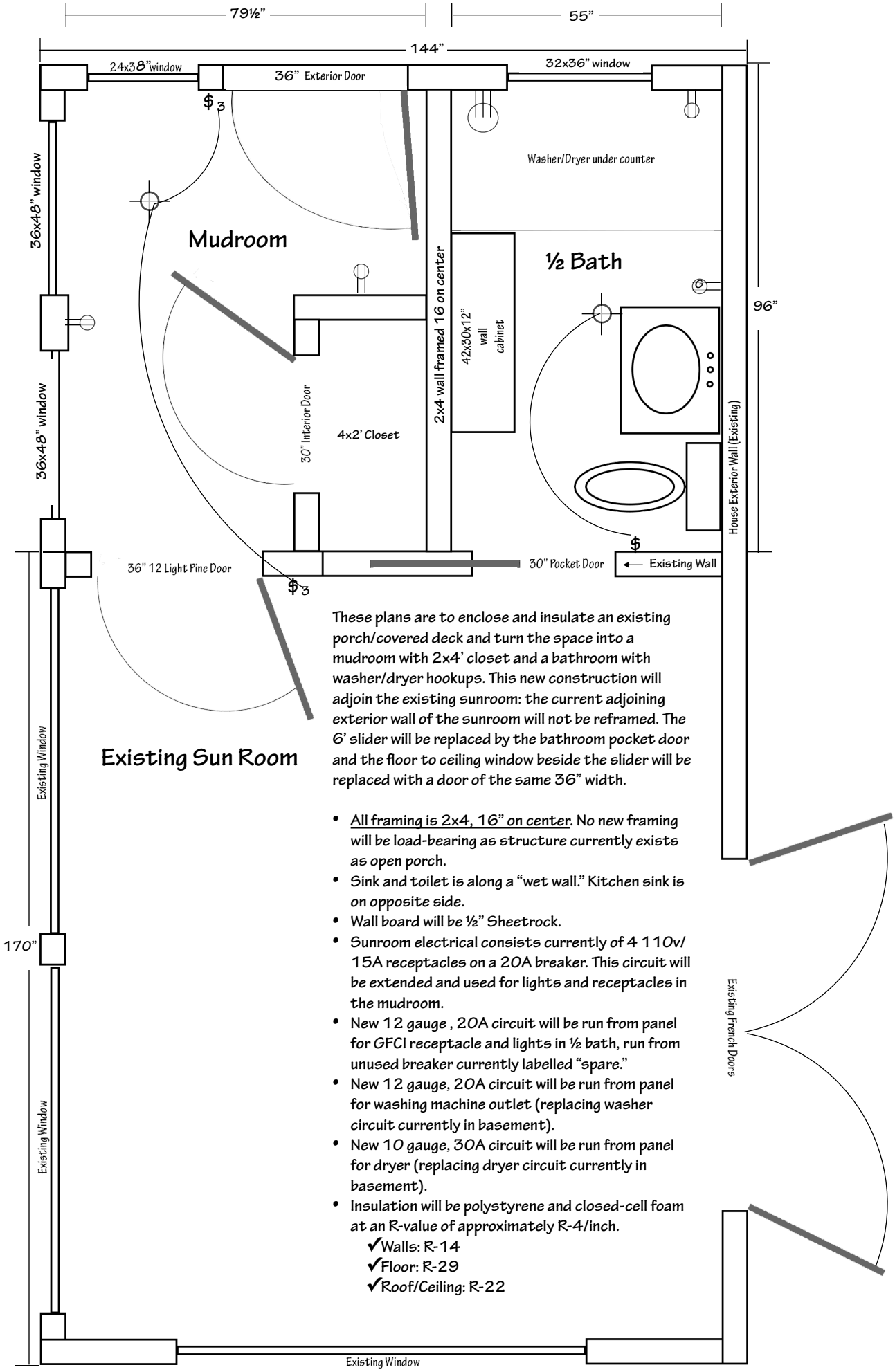

These plans are to enclose and insulate an existing porch/covered deck and turn the space into a mudroom with 2x4' closet and a bathroom with washer/dryer hookups. This new construction will adjoin the existing sunroom: the current adjoining exterior wall of the sunroom will not be reframed. The 6' slider will be replaced by the bathroom pocket door and the floor to ceiling window beside the slider will be replaced with a door of the same 36" width.

- <u>All framing is 2x4, 16" on center</u>. No new framing will be load-bearing as structure currently exists as open porch.
- Sink and toilet is along a "wet wall." Kitchen sink is on opposite side.
- Wall board will be ½" Sheetrock.
- Sunroom electrical consists currently of 4 110v/15A receptacles on a 20A breaker. This circuit will be extended and used for lights and receptacles in the mudroom.
- New 12 gauge , 20A circuit will be run from panel for GFCI receptacle and lights in ½ bath, run from unused breaker currently labelled "spare."
- New 12 gauge, 20A circuit will be run from panel for washing machine outlet (replacing washer circuit currently in basement).
- New 10 gauge, 30A circuit will be run from panel for dryer (replacing dryer circuit currently in basement).
- Insulation will be polystyrene and closed-cell foam at an R-value of approximately R-4/inch.
  - ✓Walls: R-14
  - ✓Floor: R-29
  - ✓Roof/Ceiling: R-22