



Section Mezzanine

1:20

- 1 wall assembly:
25mm unfinished vertical cedar siding
50mm horizontal offset pressure treated furring studs offset and angled for drainage
water shedding membrane
100mm rigid insulation
cast in place concrete
19mm pressure treated plywood
150mm XPS rigid insulation
19mm pressure treated plywood
16mm 2 layer torch on membrane
- 2 fly pad construction:
100-800mm soil
250mm gravel
root barrier
50mm xps rigid insulation
12 mm drainage mat
16mm 2 layer torch on membrane
19mm pressure treated plywood
150mm xps rigid insulation
19mm pressure treated plywood
fabric cast concrete column with cast in roof drain, overflow drain and clean out
- 3 double glazed skylight in thermally broken aluminum frame
- 4 wall assembly:
25mm unfinished vertical cedar siding
50mm horizontal offset pressure treated furring studs offset and angled for drainage
water shedding membrane
380 mm Insulated cast in place concrete wall system; two walls of 65 mm EPS insulation, filled with 250mm of concrete
16mm metal furring channel
19mm painted gypsum wall board
- 5 double glazed unit in thermally broken aluminum frame
- 6 patio assembly:
stone pavers on pedestals
water shedding layer
150mm XPS rigid insulation
12mm drainage mat
16mm 2 layer torch on membrane
fabric cast concrete column with cast in roof drain, overflow drain and clean out
- 7 2 sided milled oak guard and railing
- 8 mezzanine floor assembly:
75mm finished light weight concrete topping with embedded hydronic heating system
19mm plywood on wood framing to achieve finish floor height
250mm cast in place concrete suspended slab
- 9 ceiling assembly:
22mm metal furring channel
150mm steel stud
150mm rigid batt insulation in stud cavity
16mm finished plywood
- 10 soffit assembly:
asphalt waterproof coating
22mm metal furring channel
140mm metal stud
19mm recycled formwork plywood
6 mm back painted glass
- 11 double glazed folding door system with back painted offset exterior lite, wood frame.
- 12 floor assembly:
75mm finished light weight concrete topping with embedded hydronic heating system
16mm plywood
vapour barrier
spray foam in joist cavity
300mm wood floor joist
crawl space