

18"x36" poured concrete footings
36" to frost depth
6x6 post mounted on brackets to
footing below and beam above

Doubled 2x10 beams
Mounted on brackets to 6x6 posts below on footings

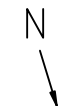
2x8 joists
hung from beams with
Simpson LUS ZMAX hanger

All framing members PT ground contact SYP

Composite decking:
> Grooved edge
> Requires 16" OC joists
> Requires 9" OC stringers
> Hidden fasteners

Decking surface area:
> Main level: 380 sq ft
> Steps: - sq ft
> Total: - sq ft

Design criteria:
> 40 psf snow load



2x4 horizontal blockers
for railing supports

5' equidistant from foundation
and window wells

2x10 ledger
attached to rim board

Basement egress

Basement egress

Windows

Foundation/ext. wall

Tripled 2x10 beam
terminates here as doubled 2x10
Remaining beam continues east as ledger
Supported underneath with Simpson E20/3
Lateral bracing with Simpson E20/3 on north side
Hardware and ledger attaches to rim board

Edge of existing poured concrete patio

Tripled 2x10 beam
Supported underneath with Simpson E20/3
Lateral bracing with Simpson E20/3 both sides
Hardware attaches to rim board

Existing poured concrete patio

2x8 joists
hung with Simpson LUS ZMAX hangers
from ledgers

2x10 ledger
attached to rim board

Existing poured concrete step
Sliding glass door 6" step down

2x4 joists
hung with Simpson LUS ZMAX
directly on rim board at east,
from cross-joist at west

Existing GFCI receptacle

2x8 joists
hung with Simpson LUS ZMAX hangers
from cross-joist at east,
from ledger at west

2x10 ledgers
attached to rim board

2x4 joists
hung from rim board with
Simpson LUS ZMAX hangers

2x8 joist
hung with Simpson LUS ZMAX hangers
directly on rim board at north,
from beam at south