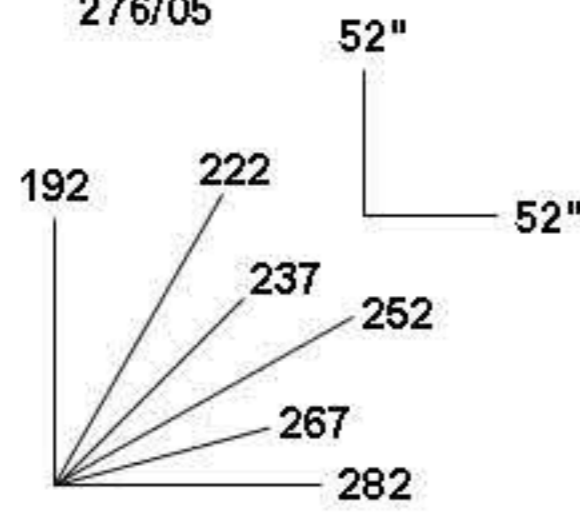


SUN ANGLES: Date(Sunset) & Azimuth/Elevation

TOD	6/1(2023)	7/1(2033)	8/1(2014)	9/1(1932)
1300	183/72	178/73	177/68	181/58
1500	245/58	244/60	236/57	228/48
1700	270/36	270/38	264/35	256/28
1900	287/14	287/15	283/13	276/05

Shadow Ratio
Angle: Multiplier

10:	5.67
15:	3.73
20:	2.75
30:	1.73
40:	1.19
50:	0.84
60:	0.58
70:	0.36



North (12 degrees)

122"

Scale: 1:50 (4 pixels/inch)

Current: 340 sq ft + 20sf steps - proposed: ~710 sq ft
 Deck height varies 14-16" above ground - minimal slope
 Top point of existing roof is 160" above deck level
 30x15(inset)x23(12 deep) flowerpots-water/drain/lights
 Water channel lip behind BBQ and at basement stairs
 Gutters drain toward center through concrete
 33" high triangular BBQ table-44x28(inset)x15" firepit
 Mow Strip on outside - vertical surfaces stamped
 Concrete is Santa Fe Buff and Autumn Brown Release
 Stamp is Fieldstone with Gloss Release
 40" high (from patio) brown brushed aluminum fence

24x24"
Grate
under
Circuit
Breakers

Old Garden Plot

30x15x23"
flowerpots

Basement Stairs (extends 138")