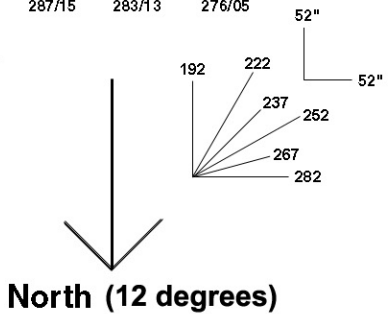


SUN ANGLES: Date(Sunset) & Azimuth/Elevation

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  
10" to edge

Old Garden Plot

Basement Stairs (extends 138")

Flowerpot  
Drain  
30x15x23"  
Flowerpots  
Sprinkler  
Feed