

SHADING NOT SHOWN FOR CLARITY TYP.

INDICATES WINTER SHADOW
DEC. 21st FM. 10:00am-3:00pm

TYPICAL SUMMER
TREE'S SHADING @ 10, 12, & 3 ON
JUNE 21ST NOT ALL SHADOWS
SHOWN FOR CLARITY

INDICATES SUMMER SHADOW
JUN. 21st FM. 10:00am-3:00pm

LEED SS CREDIT 7.1

T = AMOUNT OF NON-ROOF
HARDSCAPE: 6244 SQ.FT. | 2
3122

S = SHAPE FROM TREES ON PAVING:
 @ 10a = 1500 SQ.FT.
 @ 12a = 552 SQ.FT.
 @ 3p = 1496 SQ.FT.

ARITHMETIC MEAN = $\frac{3 | 3548}{1183} = 5$

A = SHADE FM. ARCHITECTURE
 @ 10a = 144
 @ 12a = 388
 @ 3p = 1284
 1816

R = HARDSCAPE W/ SRI > 29
= 6244 SQ.FT.

Q = (S + A + R) = 9243
 Q ≥ T/2
 9243 > 3122

EXTENT OF SHADOW
JUNE 21st NOON

EXTENT OF SHADOW
DEC. 21st NOON

NOTE:
ALL ON SITE PAVING IS
LIGHT GREY TO MATCH
EXISTING LIGHT CONC. SIDEWALKS &
ARE 25% SLAG. SRI > 29

ALL ROOFING STANDING SEAM
STEEL BY MCELROY METALS
COLOR: COPPER PENNY SRI 55 > 29

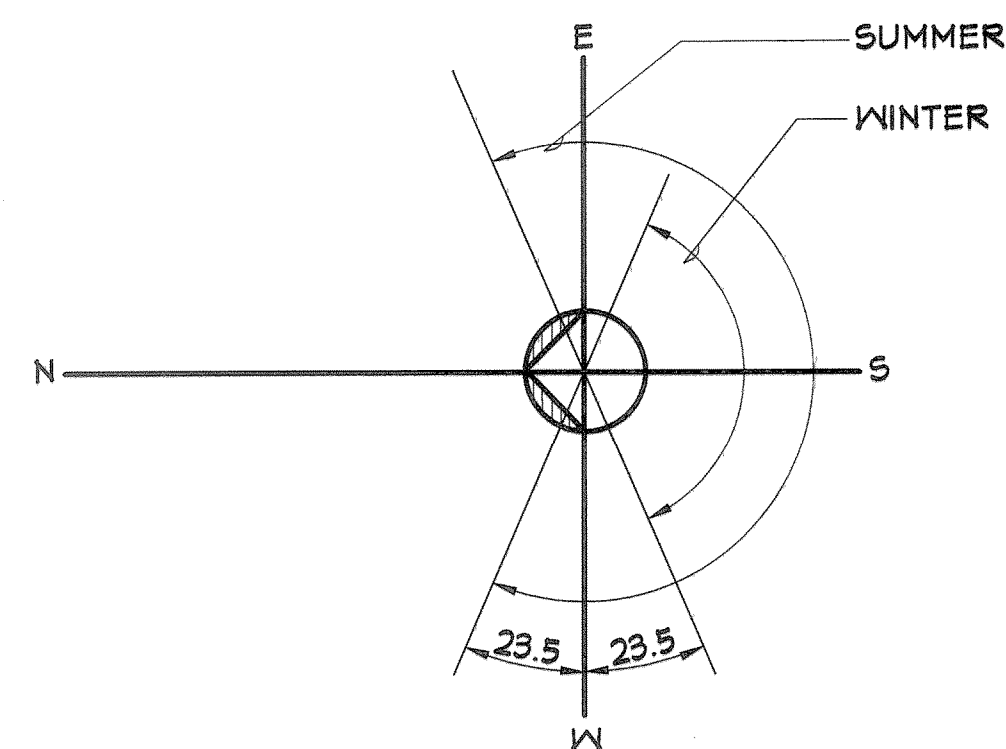
NOON
SUMMER SOLSTICE = 76.5°

EQUINOX = 53°

WINTER SOLSTICE = 29.5°

OVERHANG LIMITS
INSULATION BOTH
WINTER & SUMMER
THESE OCCUPANCIES:
(OFFICE OVER RETAIL)

1/8" = 1' - 0"



PROPERTY LINE
ALL SHADOWS @
NOON DEC. 21st
REMAIN ON
SUBJECT PROPERTY



1/8" = 1' - 0"

Revisions	By

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PROPOSED MIXED USE BUILDING FOR:
RICKEY FELDNER
 1090 41st AVE.
 SANTA CRUZ, CA 95062

Date	02/02/11
Scale	A5 NOTED
Drawn	duMont
Job	FELDNER
Sheet	A5
of 10	Sheets