

SITE REVIEW SUBMITTAL
THE ACADEMY ON
MAPLETON HILL
BOULDER, COLORADO

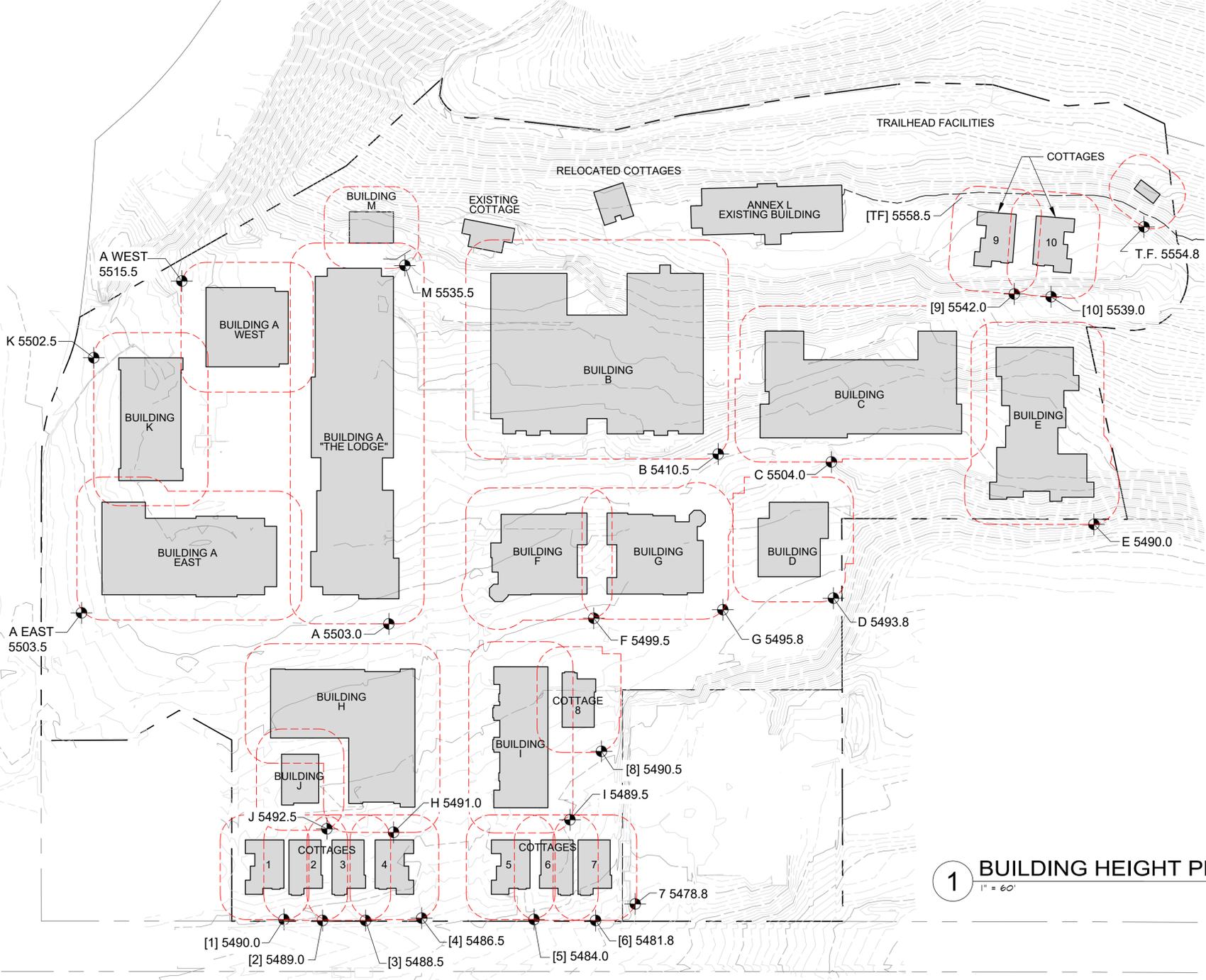
DATE:	REVISION:
08-01-16	SITE REVIEW

SHEET NAME:
BUILDING HEIGHT CALCULATIONS

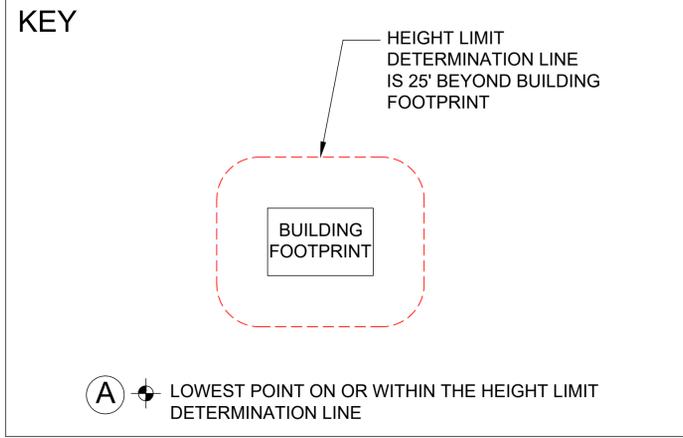
SHEET NUMBER:
A-3.03

SITE: P (PUBLIC) - 3 STORIES

BUILDING	A - LOW PT.	B ALLOWED (WITH ALLOWANCE)	C MAX. HT. A+B	D MEASURED HT. (ACTUAL)	E BUILDING HT.	1ST FLOOR FF (SEE ELEVS)
A	5503.0	55.0	5558.0	54.0	54'-0"	5512.0
A - WEST	5515.5	55.0	5570.5	41.0	54'-0"	5512.0
A - EAST	5503.5	55.0	5558.5	51.0	54'-0"	5512.0
B	5510.8	55.0	5565.8	40.25	43'-7"	5514.0
C	5504.0	55.0	5559.0	40.75	50'-3"	5512.0
D	5493.8	55.0	5548.8	34.0	35'-0"	5511.0
E	5490.0	55.0	5545.0	36.75	46'-7"	5511.0 - 5512.0
F	5499.5	55.0	5554.5	44.0	44'-6"	5512.0
G	5495.5	55.0	5550.5	44.0	44'-6"	5512.0
H	5491.0	55.0	5546.0	40.0	41'-0"	5505.0
I	5489.5	55.0	5544.5	42.0	42'-6"	5503.0
J	5492.5	55.0	5547.5	28.0	34'-6"	5505.0
K	5502.5	55.0	5537.5	31.5	29'-0"	5510.0
ANNEX - L	EXIST	EXIST	EXIST	EXIST	EXIST	5560.0
RE. COTT	EXIST	EXIST	EXIST	EXIST	EXIST	5559.0
EX. COTT	EXIST	EXIST	EXIST	EXIST	EXIST	5550.0
M	5535.5	55.0	5590.5	27.0	35'-0"	5540.0
COTT 1	5490.0	55.0	5545.0	30.0	35'-6"	5494.5
COTT 2	5489.0	55.0	5544.0	30.0	35'-6"	5493.5
COTT 3	5488.5	55.0	5543.5	30.0	35'-6"	5492.0
COTT 4	5486.5	55.0	5541.5	30.0	35'-6"	5491.0
COTT 5	5484.0	55.0	5539.0	30.0	34'-0"	5489.0
COTT 6	5481.8	55.0	5536.8	29.0	34'-0"	5488.0
COTT 7	5478.8	55.0	5533.0	30.0	34'-0"	5487.0
COTT 8	5490.5	55.0	5545.5	30.0	34'-0"	5503.0
COTT 9	5542.0	55.0	5597.0	22.0	34'-0"	5555.0
COTT 10	5539.0	55.0	5594.0	21.0	34'-0"	5553.0
T.F.	5554.8	55.0	5609.8	12.0	34'-0"	5566.0



1 BUILDING HEIGHT PLAN
1" = 60'

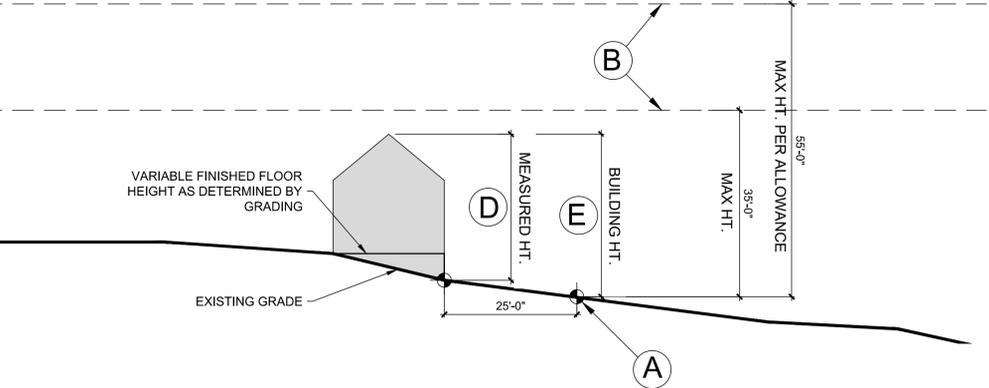


HEIGHT LIMIT DETERMINATION LINE IS 25' BEYOND BUILDING FOOTPRINT

A LOWEST POINT ON OR WITHIN THE HEIGHT LIMIT DETERMINATION LINE

A = EXISTING HISTORIC (PRE-DEVELOPMENT) GRADE
 B = ALLOWED HEIGHTS
 C = MAXIMUM ACTUAL BUILDING HEIGHT (FROM LOW POINT TO ALLOWED HEIGHT = A+B)
 D = MEASURED HEIGHT (FROM PROPOSED GRADE TO TOP OF ROOF)
 E = BUILDING HEIGHT (FROM LOW POINT TO TOP OF ROOF)
 FF = HEIGHT OF FIRST FINISHED FLOOR

BUILDING HEIGHT CALCULATION DIAGRAM



NOTES:

- BENCHMARK INFORMATION: ELEVATIONS ARE BASED ON THE CITY OF BOULDER POINT R-6-2, BEING A SPIKE IN POWER POLE LOCATED NEAR THE NORTHEAST CORNER OF PARCEL B, WITH A PUBLISHED ELEVATION OF 5480.89 FEET (NAVD88). NO DIFFERENTIAL LEVELING WAS PERFORMED TO ESTABLISH THIS ELEVATION.

P:\001 - Home Sweet Home\03161518 SITE REVIEW SUBMITTAL\03161518 BUILDING HEIGHT CALC.dwg, 1/2/2016 10:22:56 AM, The Mulhern Group, Ltd.