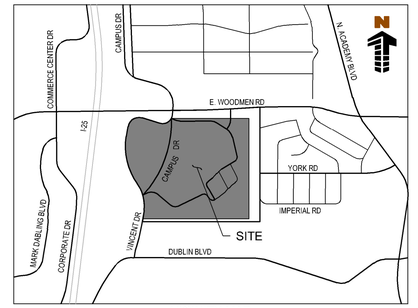

VICINITY MAP
1"=2000'

DRAINAGE LEGEND

- DESIGN POINT/COMBINE NODE
- DRAINAGE BASIN DESIGNATION
- 5–YEAR RUNOFF (CFS)
- 100–YEAR RUNOFF (CFS)
- DRAINAGE BASIN ACRES
- DEVELOPED BASIN BOUNDARIES
- DIRECTION OF RUNOFF

SITE LEGEND

- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- ROADWAY CENTERLINE
- RIGHT-OF WAY LINE / BOUNDARY
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING CATCH CURB & GUTTER
- PROPOSED CURB AND GUTTER
- EXISTING SIDEWALK
- PROPOSED WALK & TRAIL
- EXISTING STORM SEWER
- EXISTING STORM SEWER (LESS THAN 12")
- PROPOSED STORM SEWER
- PROPOSED MANHOLE
- PROPOSED INLET
- ESMT EASMENT
- EX EXISTING

NOTES

1. ALL STORM DRAIN PRIVATE WITH THE EXCEPTION OF PIPES LABELED "CAMPUS" AND IF OTHERWISE NOTED.

BASIN SUMMARY TABLE

Tributary Sub-basin	Area (acres)	C_5	C_{100}	t_c (min)	Q_5 (cfs)	Q_{100} (cfs)
B1-1	1.32	0.18	0.52	9.03	1.0	4.9
B1-2	0.38	0.73	0.81	10.00	1.1	2.1
B2	1.15	0.46	0.60	7.26	2.4	5.3
B3-1	7.34	0.54	0.63	7.93	17.8	34.8
B3-2	1.31	0.70	0.78	5.00	4.7	8.9
B3-3	0.64	0.66	0.75	5.00	2.2	4.2
B3-4	0.92	0.73	0.81	10.00	2.8	5.2
B4-1	1.69	0.81	0.88	5.42	6.9	12.6
B4-2	0.87	0.81	0.88	5.00	3.6	6.6
B5-1	0.51	0.66	0.75	5.00	1.7	3.3
B5-2	0.55	0.67	0.76	5.00	1.9	3.6
B5-3	0.16	0.70	0.79	5.00	0.6	1.1
B6	3.03	0.73	0.81	5.00	11.4	21.3
B7	2.51	0.29	0.49	7.62	3.3	9.4
B7-1	0.55	0.10	0.38	8.75	0.2	1.5
B8	0.90	0.55	0.66	5.61	2.5	5.0
B9	0.96	0.46	0.57	13.72	1.6	3.4
B9-1	0.72	0.73	0.81	5.00	2.7	5.1
B10	1.05	0.69	0.78	5.00	3.7	7.1
B11	1.65	0.57	0.68	7.27	4.3	8.7
B11-1	2.00	0.10	0.38	9.50	0.8	5.4
B12	0.77	0.72	0.80	5.00	2.9	5.3
B12-1	0.69	0.73	0.81	5.00	2.6	4.9
OS1	1.29	0.78	0.86	5.00	5.2	9.6
OS2	0.54	0.35	0.58	5.97	0.9	2.6
OS3	0.76	0.45	0.63	6.04	1.7	3.9
OS4	2.05	0.31	0.57	7.65	2.9	8.9
OS5	0.80	0.81	0.88	5.00	3.4	6.1
A1	2.47	0.81	0.88	5.22	10.2	18.6
A2	2.48	0.37	0.54	13.07	3.4	8.4
A3	3.81	0.62	0.72	8.97	10.1	19.8
A4	3.44	0.82	0.89	5.00	14.6	26.6
A5	0.33	0.90	0.96	5.00	1.5	2.7
A6	3.33	0.81	0.88	5.00	13.9	25.4
A7	2.86	0.81	0.88	5.42	11.7	21.3
A8	0.60	0.90	0.96	5.00	2.8	5.0
A9	1.33	0.86	0.92	5.00	5.9	10.6
A10	2.75	0.80	0.87	5.00	11.4	20.8
A11	3.80	0.80	0.88	5.00	15.7	29.0
A12	0.24	0.90	0.96	7.61	1.0	1.8
A13	5.00	0.81	0.88	9.14	17.3	31.5
A14	0.05	0.90	0.96	5.00	0.2	0.4
A15	1.09	0.90	0.96	5.00	5.1	9.1
A16	1.21	0.90	0.96	5.00	5.6	10.1
A17	5.24	0.81	0.88	7.00	19.8	36.1
A18	4.12	0.81	0.88	5.36	16.9	30.8
A19	0.69	0.90	0.96	5.00	3.2	5.7
A20	1.06	0.90	0.96	5.00	4.9	8.8
A21	0.45	0.90	0.96	5.00	2.1	3.7
A22	3.45	0.11	0.39	7.04	1.8	10.5

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01/30/2019

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CREST AT WOODMEN MDDP AMENDMENT PRELIMINARY DRAINAGE REPORT PHASES 1, 2, & 3

1005 E. WOODMEN ROAD
COLORADO SPRINGS, CO 80920

#	Date	Issue / Description	Init.

Project No:	RLM2.02
Drawn By:	CMV
Checked By:	SMB
Date:	01/09/2019

DRAINAGE MAP

D1

H:\Realm Realty\CO\ Colorado Springs, EL\#0000\02 CD\ Phase 3\Hitech Permit Cover\Sheet 04 Grad Drain\Sht 2 Proposed Drainage Responsibilities\Drainage Report_4Design\LMUD_Plots_ Drainage Plan.dwg, _ Kurt Brown, 1/11/2019