

**SUB BASIN DATA**

BASIN	CONTRIBUTING AREA (ACRES)	5-YEAR RUNOFF (CFS)	100-YEAR RUNOFF (CFS)
SC	10.7	7.75	19.28
A	4.6	3.97	9.87
B	29.1	16.89	42.02
C	3.9	2.61	6.53

**SUMMARY RUNOFF TABLE**

DESIGN POINT	CONTRIBUTING BASIN(S)	CONTRIBUTING AREA (ACRES)	5-YEAR RUNOFF (CFS)	100-YEAR RUNOFF (CFS)
1	C, DP8 (SHILOH MESA MDDP)	413.70	161.77	395.22
2	DP1, B	442.8	159.78	387.94

VACANT LAND SCHEDULE NO. 5300000575  
 VACANT LAND SCHEDULE NO. 5300000576

VACANT LAND SCHEDULE NO. 5300000568

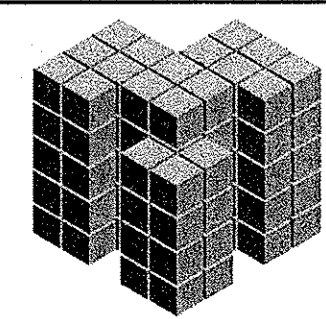
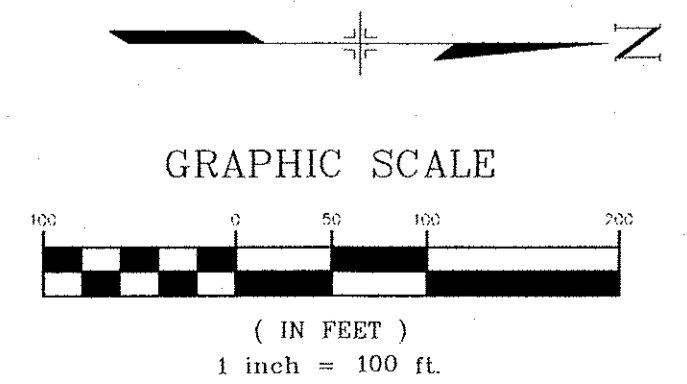
SHILOH MESA AT WOODMEN HEIGHTS  
 (CURRENTLY UNDEVELOPED)  
 SCHEDULE NO. 5300000480

EXISTING CONDITIONS FROM SHILOH MESA MDDP

**LEGEND**

- DRAINAGE BASIN BOUNDARY
- PROPOSED CONTOUR
- EXISTING CONTOUR
- PROPOSED STORM
- EXISTING STORM
- PROPOSED D10R INLET
- PROPOSED MANHOLE
- PROPOSED FLOW DIRECTION ARROW

- DESIGN POINT
- BASIN DESIGNATION
- "C" COEFFICIENT (100 YR)
- BASIN AREA (ACRES)



**Matrix Design Group, Inc.**  
 Integrated Design Solutions  
 2435 Research Parkway, Suite 300  
 Colorado Springs, CO 80920  
 Phone 719-575-0100  
 Fax 719-575-0208

THE WOODMEN HEIGHTS  
 COMMERCIAL CENTER  
 MASTER DEVELOPMENT DRAINAGE PLAN

DRAINAGE PLAN  
 EXISTING CONDITIONS

DESIGNED BY: RAE	SCALE: 1" = 100'	DATE ISSUED: FEBRUARY, 2009	DR01
DRAWN BY: RAE	HORIZ: N/A	MDG PROJECT NO: 06.052.018	
CHECKED BY: REP	VERT: N/A		