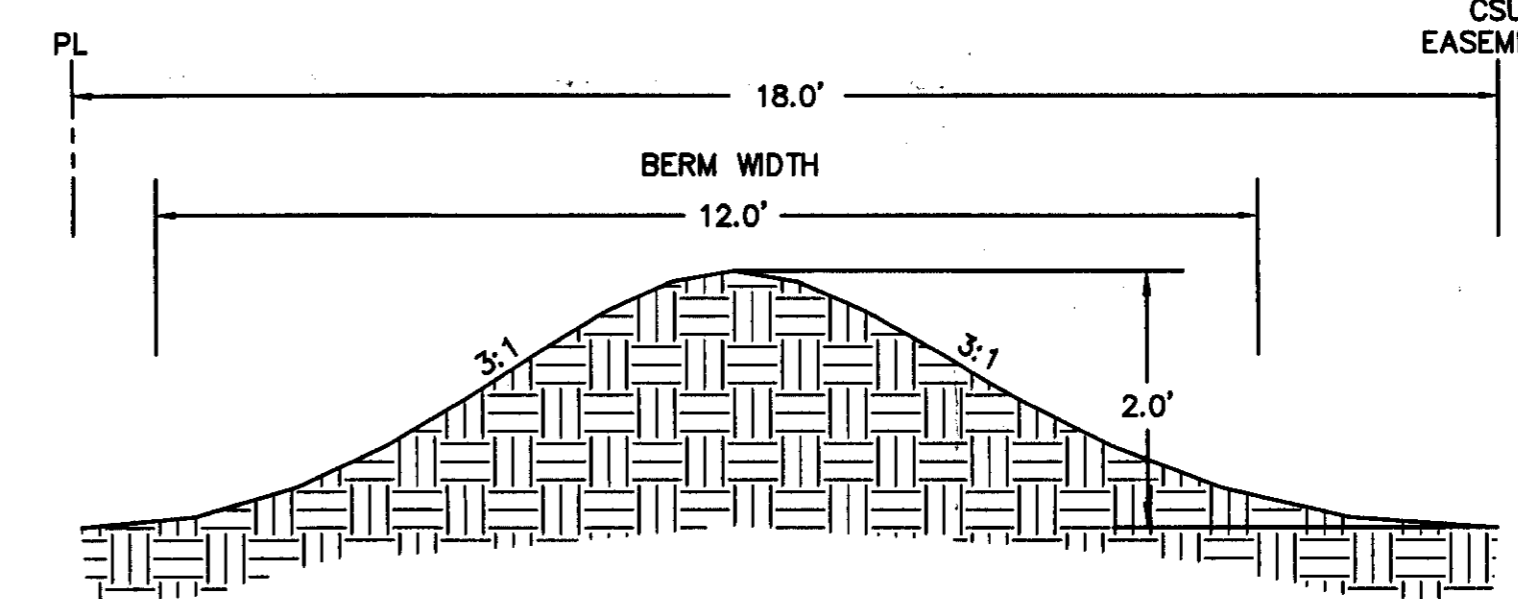


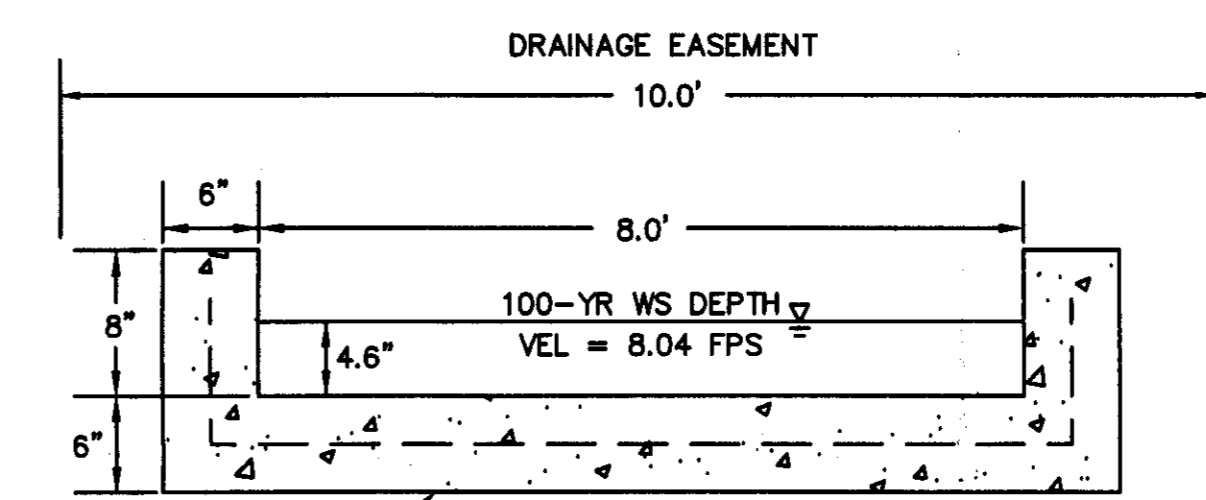
VICINITY MAP



SECTION A-A
TWO FOOT BERM
NTS

LEGEND

- PROPERTY LINE
- - - EASEMENT LINE
- DRAINAGE BASIN BOUNDARY
- PROPOSED BERM
- PROPOSED DIVERSION SWALE
- 6520 PROPOSED CONTOUR
- 6520 EXISTING CONTOUR
- PROPOSED FLOW DIRECTION ARROW
- DP DESIGN POINT
- XX-1 BASIN DESIGNATION
- XX-1 "C" COEFFICIENT (100 YR)
- 99.99 BASIN AREA (ACRES)
- 99.99 5-YEAR FLOWRATE
- 99.99 100-YEAR FLOWRATE



SECTION B-B
CONCRETE PAN
NTS

ROUTED SURFACE FLOWS
DESIGN POINT SUMMARY

DESIGN POINT	TRIBUTARY SUB-BASINS	Q ₅ (cfs)	Q ₁₀₀ (cfs)
I1	CW1, CW2	11.6	24.7
I2	DP I1, IN1	18.2	38.1
I3	OS1(fb), DP I2	19.0	43.5
I4	DP I2(fb), IN2	18.5	47.5

NOTES:
1) STORM SEWER SYSTEM CONSTRUCTED PER SORPRESSA LANE STORM SEWER PLANS, DATED MAY 2006
REVISED JULY 2007

NO.	DATE	DESCRIPTION	BY
REVISIONS			
BENCHMARK DATA(ELEV.)		6901.818'	
(DATUM)		FIMS	
(DESCRIPTION/LOCATION)		SEE RIGHT	

NAME: S:\05_206_001\dwg\DRAINAGE\DR01.dwg
 PLOT DATE: Thu Nov 15, 2007 3:33pm
 By: gerrit_slatter

BENCHMARK:
 FIMS 2" DIAMETER ALUMINUM CAP STAMPED "CSU FIMS CONTROL BG16" ON THE NORTHEAST CORNER OF THE CONCRETE BASE FOR ELECTRIC VAULT #FBBX-1, 260 FEET NORTH OF THE NORTH EDGE OF WOODMEN ROAD.
 ELEV: 6901.818'

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

WOODMEN VISTA FILING NO. 1 & 2
 FINAL DRAINAGE REPORT
 INTERIM DEVELOPED CONDITIONS
 DRAINAGE MAP

DESIGNED BY: ZDH SCALE: HORIZ: 1"=100' DATE ISSUED: JULY 2007
 DRAWN BY: ZDH VERT: N/A SHEET NO. 1 OF 2 SHEETS
 CHECKED BY: GES DR01