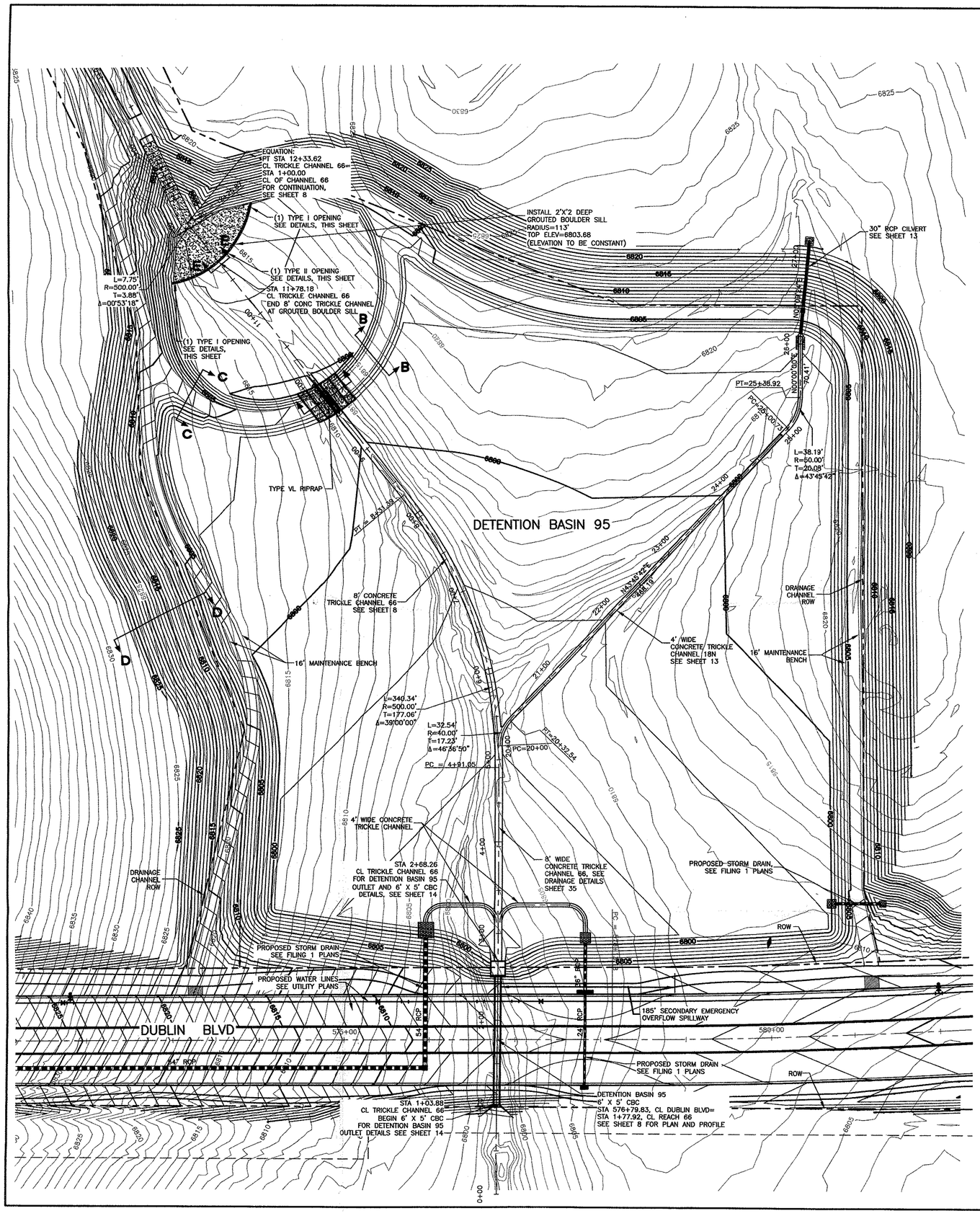
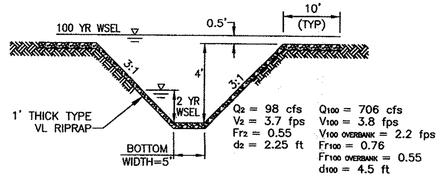
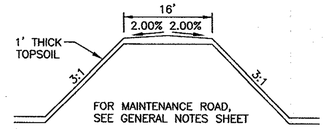


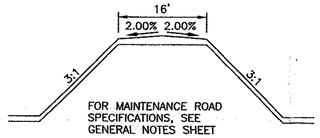
PROPOSED DETENTION BASIN 95
100-YR WSEL = 6805.11
25-YR WSEL = 6803.74
10-YR WSEL = 6803.31
5-YR WSEL = 6803.01
2-YR WSEL = 6801.73
VOLUME = 69.58 AC-FT



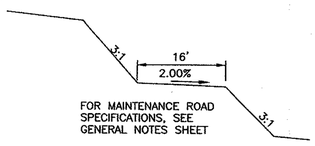
SECTION A-A



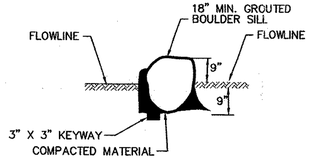
SECTION B-B



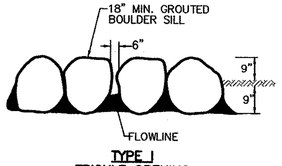
SECTION C-C



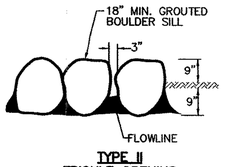
SECTION D-D



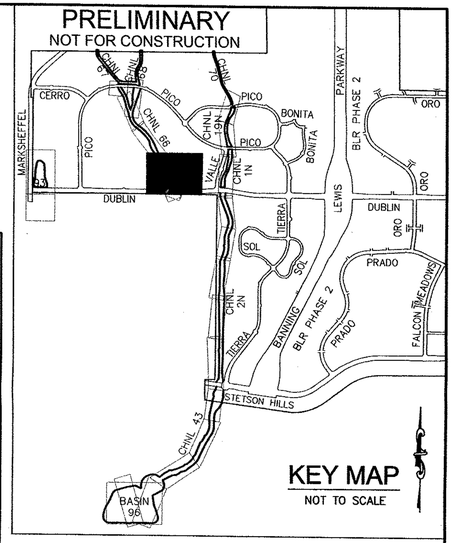
SECTION E-E



TYPE I
TRICKLE OPENING
IN GROUTED BOULDER SILL



TYPE II
TRICKLE OPENING
IN GROUTED BOULDER SILL



60 0 30 60 120
ORIGINAL SCALE 1" = 60'

DRAFT

PROPOSED DETENTION BASIN 95					
	Q2	Q5	Q10	Q25	Q100
IN	133 cfs	214 cfs	305 cfs	475 cfs	956 cfs
OUT	7.3 cfs	10.1 cfs	19.2 cfs	101 cfs	295 cfs

RECOMMENDED MAINTENANCE SCHEDULE
FOR DETENTION BASIN 95

CLEARING OF SEDIMENT FROM SEDIMENTATION BASINS:
EVERY 3 MONTHS AS NEEDED DURING FIRST YEAR AFTER FINAL SITE STABILIZATION. ANNUAL AS NEEDED THEREAFTER.

CLEARING OF SEDIMENT FROM FULL POND AREA:
EVERY 10 YEARS AS NEEDED.

OUTLET STRUCTURE:
WEEKLY AS NEEDED.

REVIEW:
Street Design:
Traffic Engineering _____ Date _____
Curb & Gutter Review _____ Date _____
Final Design Review _____ Date _____
Drainage Design:
Drainage Basin Filed in Accordance with Section 15-3-906 of Colorado Springs 1980, As Amended
_____ Date _____

48 HOURS BEFORE YOU DIG CALL UTILITY LOCATORS
1-800-922-1987
City of Colorado Springs Dept. of Utilities Gas, Electric, Water and Wastewater
The locations of existing underground utilities are shown in an approximate way only. The contractor shall determine the exact location of all existing utilities before commencing work. The contractor shall be fully responsible for any and all damages which might be caused by his failure to exactly locate and preserve any and all underground utilities.

BANNING LEWIS RANCH
The Promise of Colorado

TCB
Engineers •Planners •Project Managers
Ph: 303-298-7117 / Fx: 303-256-1924

DETENTION BASIN 95

NO.	DATE	REVISION	BY
2	5/5/04	CITY COMMENTS – 2ND REVIEW	
1	1/20/03	CITY COMMENTS – 1ST REVIEW	

Unit: LDS	Scale: Horz. 60' Vert. NONE	Date: JUNE 17, 2003	
Designed: CLK	Checked:	Job No. 251395	
Drawn: BJM	Approved:	Sheet 7 of 35	

Pond 95