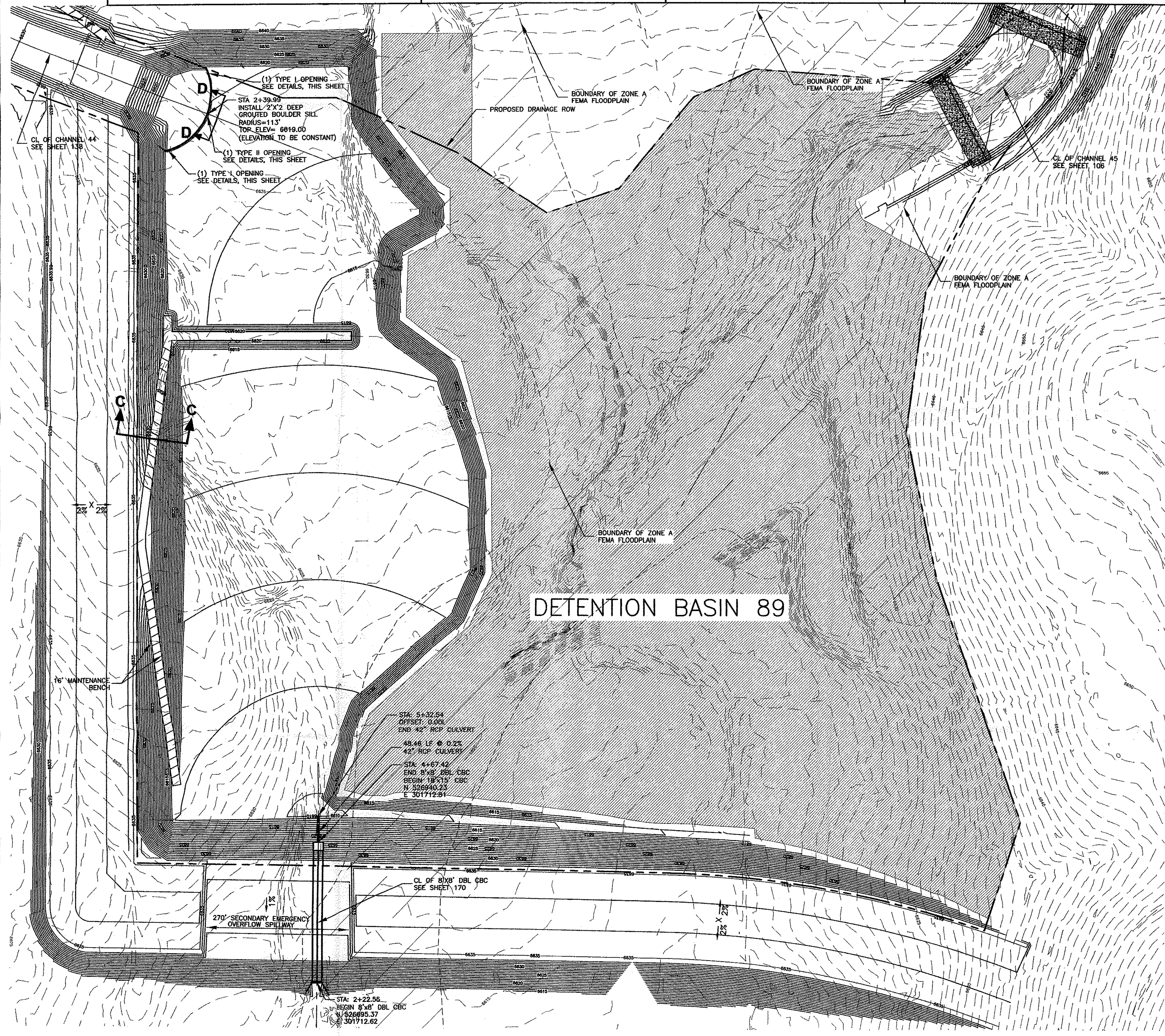


- NOTES:**
- SEE CITY OF COLORADO SPRINGS STANDARD DRAWINGS D-33 THROUGH D-36 FOR ALL CONCRETE HEADWALL, WINGWALL, AND FOOTING DETAILS.
 - ALL TOE WALLS SHALL BE A DEPTH OF 5' UNLESS SPECIFIED ON PLANS DUE TO ADDITIONAL SCOUR DEPTH.
 - ALL HEADWALLS SHALL BE 1' ABOVE TOP OF CULVERT
 - SEE CHANNEL PLAN AND PROFILES FOR WATER SURFACE ELEVATION INFORMATION, GRADING, AND RIPRAP DETAILS.
 - ALL SIDE SLOPES ARE PER THE TYPICAL SECTIONS, 4:1 UNLESS NOTED OTHERWISE.
 - REFER TO BLR FILING 3, PHASE 2 - CONSTRUCTION PLANS FOR DETAILS REGARDING ROADS, ROADWAY GRADING AND STORM SEWER.
 - LIMITS OF SOME CHANNEL CATCH SLOPES ARE NOT FULLY DEPICTED ON THE CHANNEL PLAN AND PROFILE SHEETS. SEE GRADING AND EROSION CONTROL SHEETS FOR THE LIMITS OF THESE CATCH SLOPES.



DETENTION BASIN 89

STA: 5+32.54
OFFSET: 0.00L
END 42" RCP CULVERT

45.46 LF @ 0.2%
42" RCP CULVERT

STA: 4+67.42
END 8'x8' DBL CBC
BEGIN 18'x15' CBC
N 526940.23
E 301712.61

CL OF 8'x8' DBL CBC
SEE SHEET 170

STA: 2+22.56
BEGIN 8'x8' DBL CBC
N 526935.37
E 301712.62

DRAFT

RECOMMENDED MAINTENANCE SCHEDULE FOR DETENTION BASIN 89

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.

PROPOSED DETENTION BASIN 89		
	Q10	Q100
IN	3469 cfs	6384 cfs
OUT	370 cfs	2011 cfs

PROPOSED DETENTION BASIN 89		
100-YR WSEL =	6629.11	
10-YR WSEL =	6633.34	
VOLUME =	608.5 AC-FT	

REVIEW:

Street Design:
Traffic Engineering _____ Date _____

Curb & Gutter Review _____ Date _____

Final Design Review _____ Date _____

Drainage Design:
Drainage Basin Filled in Accordance with Section 15-3-906 of Colorado Springs 1980, As Amended _____ Date _____

DESIGN DATA:

Sidewalks: Width _____ Location _____ Asphalt Thickness: _____
 Attached AC Surface _____
 Detached AC Base _____

Curb Type 1 2 3 Agg. Base Thickness: _____
 Class 6 _____
 Class 5 _____
 Class 2 _____

R/W Width _____ F/C-F/C _____
 Street Type _____ HVEEM _____

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.

B
BANNING LEWIS RANCH
 The Firm of Colorado

TCB
 Engineers - Planners - Project Managers
 Ph. 303.288.7177 / Fx. 303.288.1124

DETENTION BASIN 89			
NO.	DATE	REVISION	BY
C	7/20/04	FINAL CITY REVIEW	
B	4/22/04	CITY REVIEW COMMENTS	
A	11/26/03	PAVEMENT DESIGN REVIEW	
Unit:	LDS	Scale: Horiz. 1"=100'	Date: JULY 20, 2004
Designed:	CLK	Checked:	Job No. 052-251395.0001.04001
Drawn:	BJM	Approved:	Sheet 105 of 174

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BANNING LEWIS RANCH - FILING 4