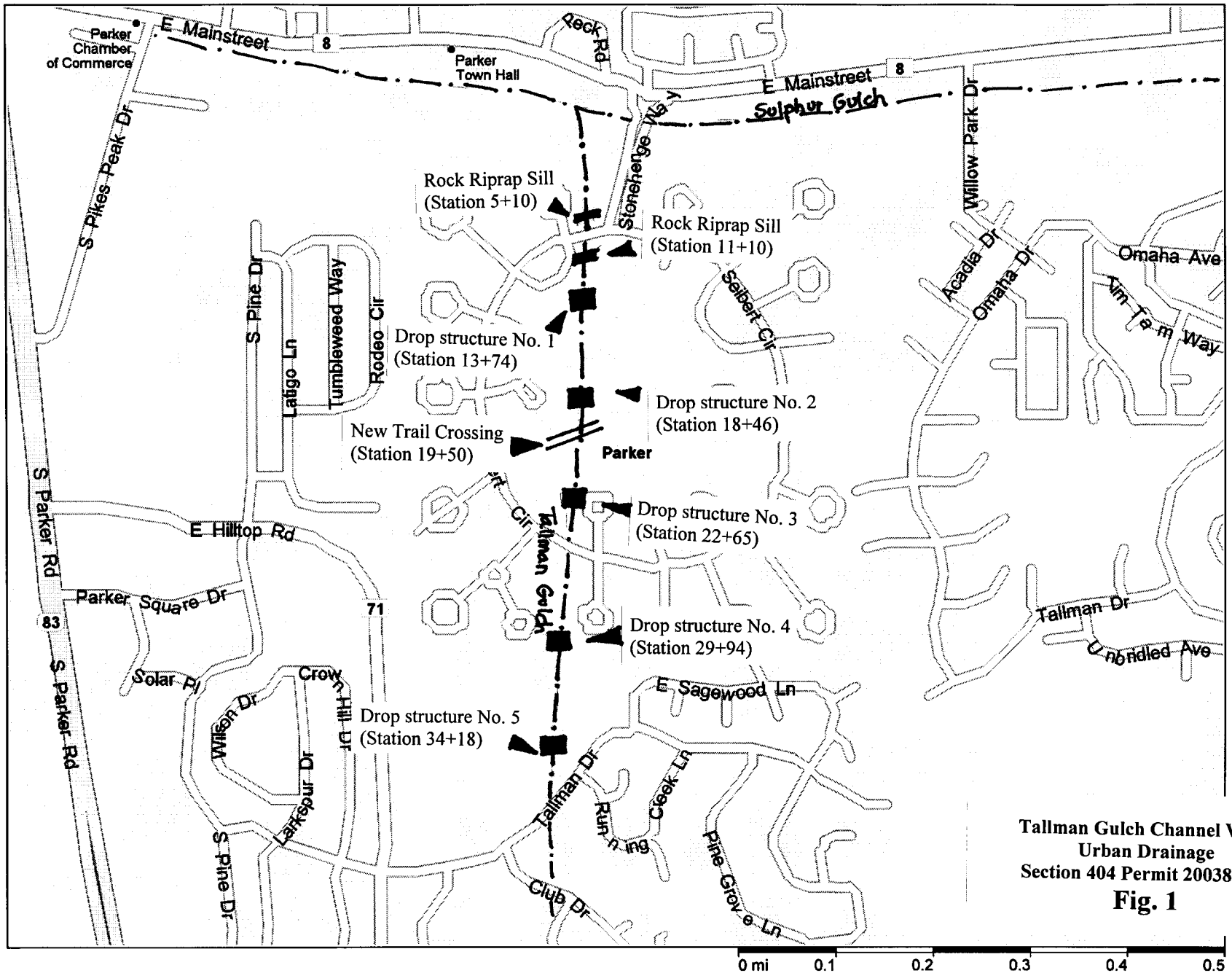
Parker area, Colorado, United States



Tallman Gulch Channel Work
Urban Drainage
Section 404 Permit 200380390

Fig. 1

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Tallman Gulch Channel Work
Urban Drainage
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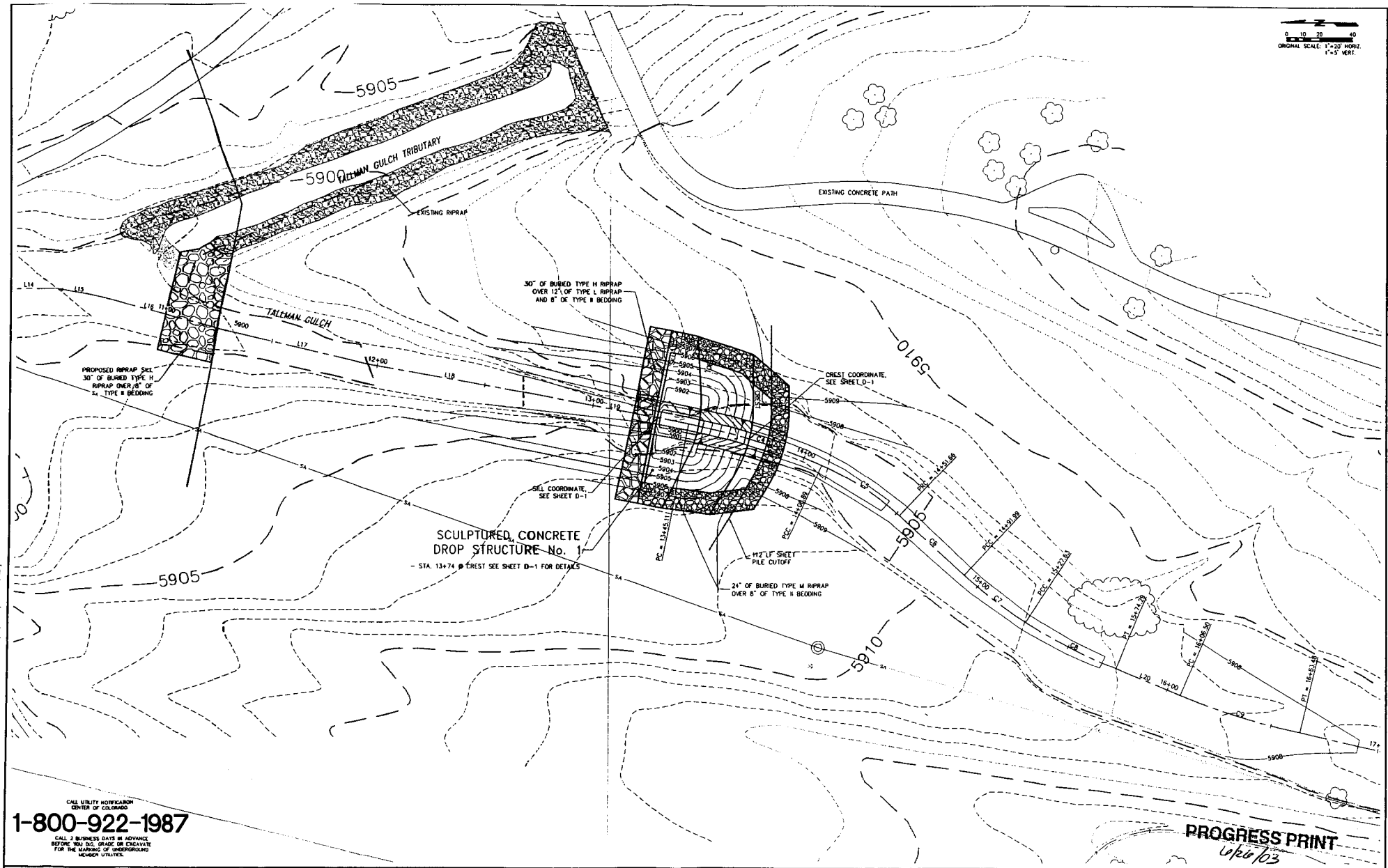
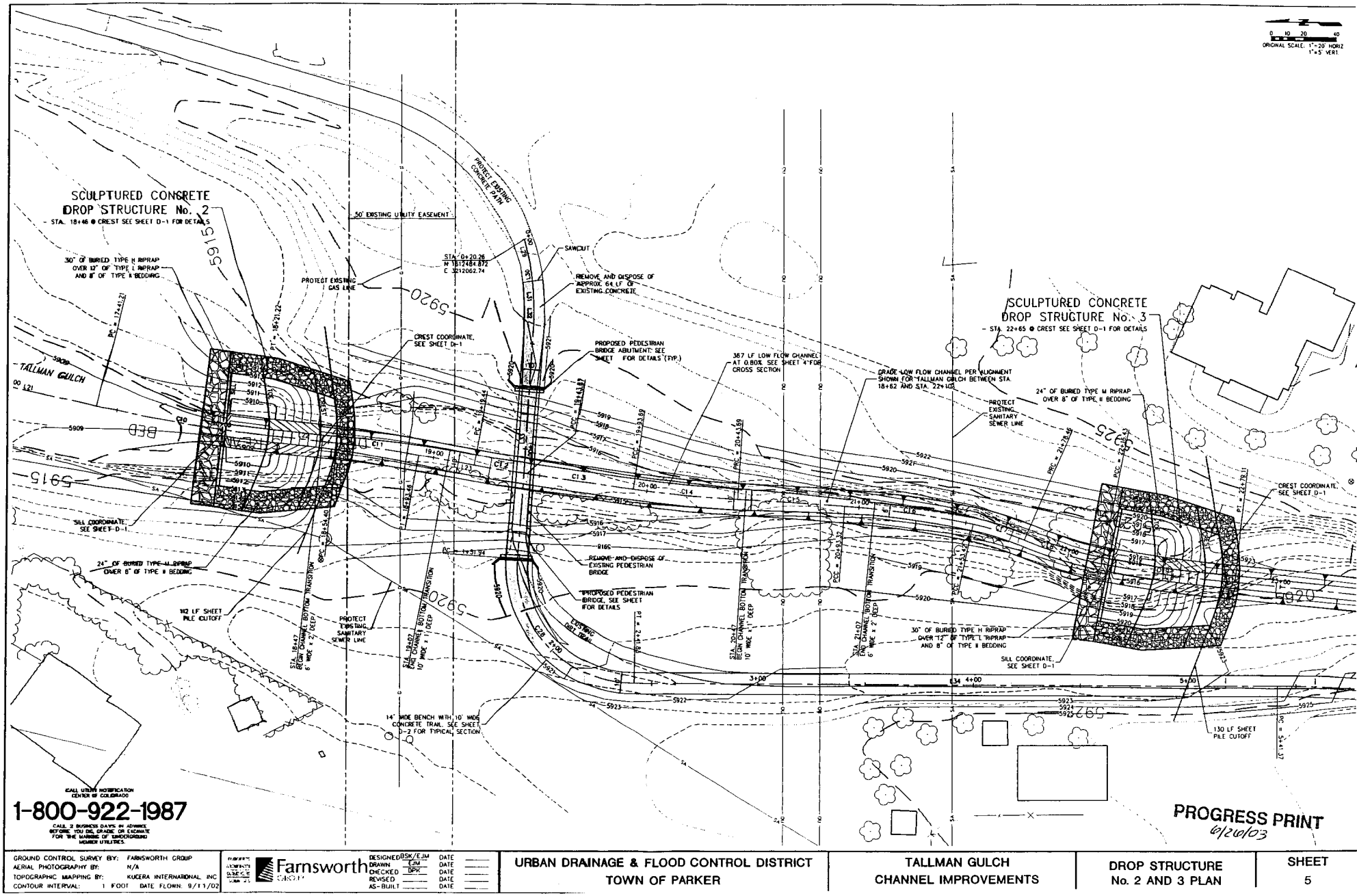
Fig. 2



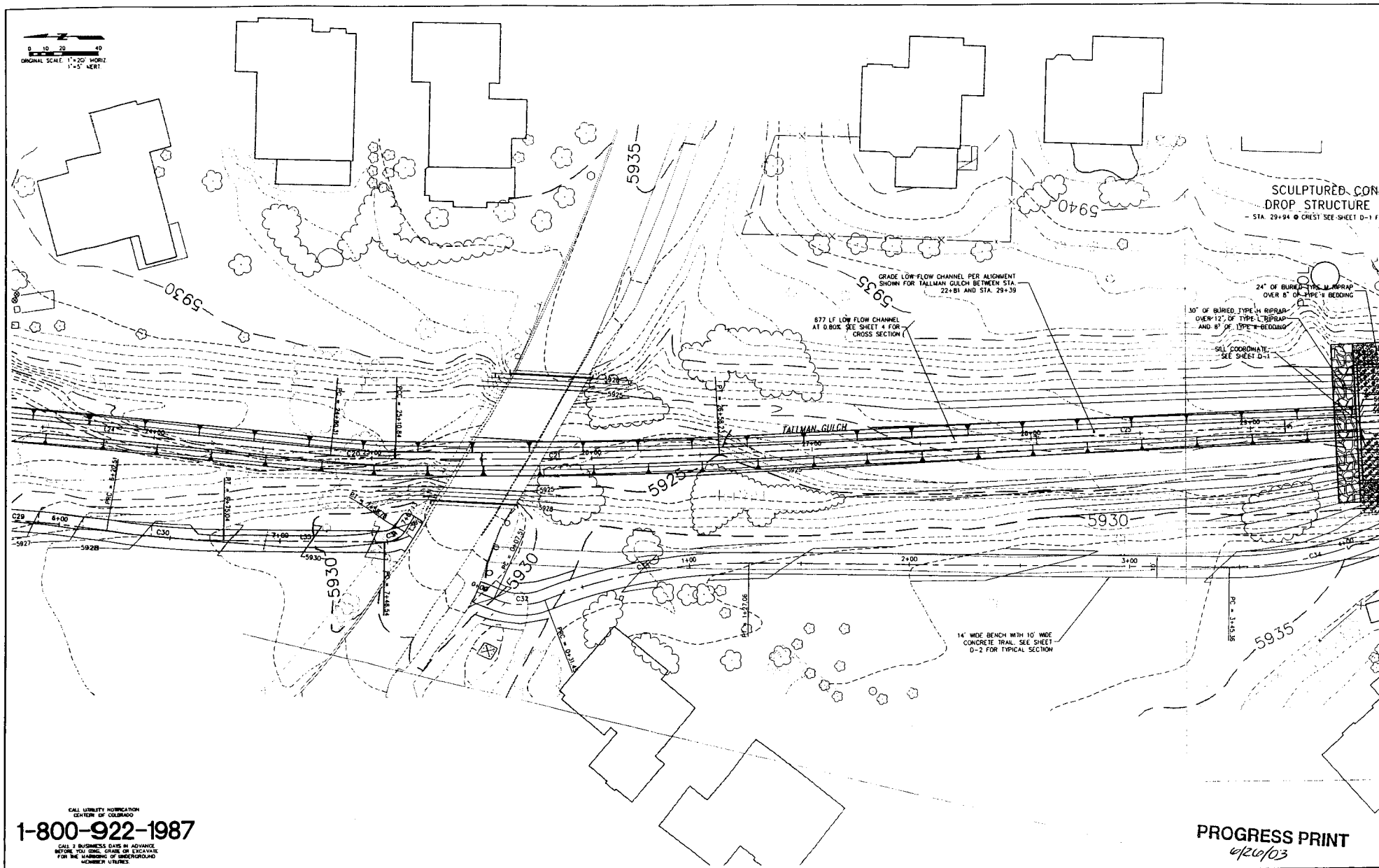
GROUND CONTROL SURVEY BY: FARNSWORTH GROUP AERIAL PHOTOGRAPHY BY: N/A TOPOGRAPHIC MAPPING BY: KUCERA INTERNATIONAL INC. CONTOUR INTERVAL: 1 FOOT DATE FLOWN: 9/11/02	Farnsworth GROUP	DESIGNED BSK/EJM DATE DRAWN EJM DATE CHECKED DPK DATE REVISED DATE AS-BUILT DATE	URBAN DRAINAGE & FLOOD CONTROL DISTRICT TOWN OF PARKER	TALLMAN GULCH CHANNEL IMPROVEMENTS	DROP STRUCTURE No 1 PLAN	SHEET 4

Tallman Gulch Channel Work
Urban Drainage
Section 404 Permit 200380390

Fig. 3



Tallman Gulch Channel Work
Urban Drainage
Section 404 Permit 200380390
Fig. 4



GROUND CONTROL SURVEY BY: FARNSWORTH GROUP
AERIAL PHOTOGRAPHY BY: N/A
TOPOGRAPHIC MAPPING BY: KUCERA INTERNATIONAL INC
CONTOUR INTERVAL: 1 FOOT DATE FLOWN: 9/11/02

Farnsworth GROUP

DESIGNED	BSK/EJM	DATE
DRAWN	EJM	DATE
CHECKED	DPK	DATE
REVISED		DATE
AS-BUILT		DATE

URBAN DRAINAGE & FLOOD CONTROL DISTRICT
TOWN OF PARKER

TALLMAN GULCH
CHANNEL IMPROVEMENTS

CHANNEL PLAN

SHEET
6

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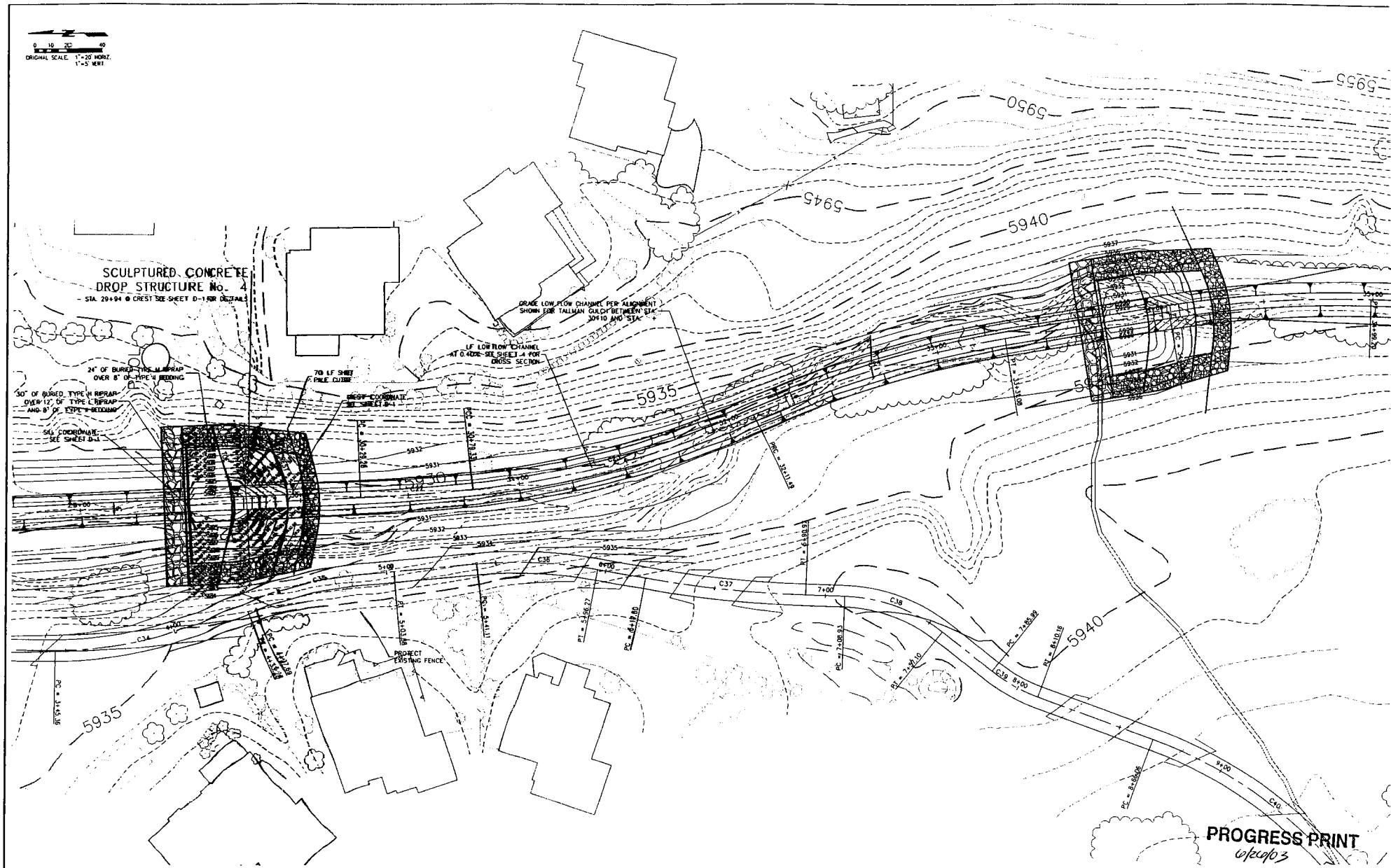
Tallman Gulch Channel Work
Urban Drainage
Section 404 Permit 200380390

Fig. 5

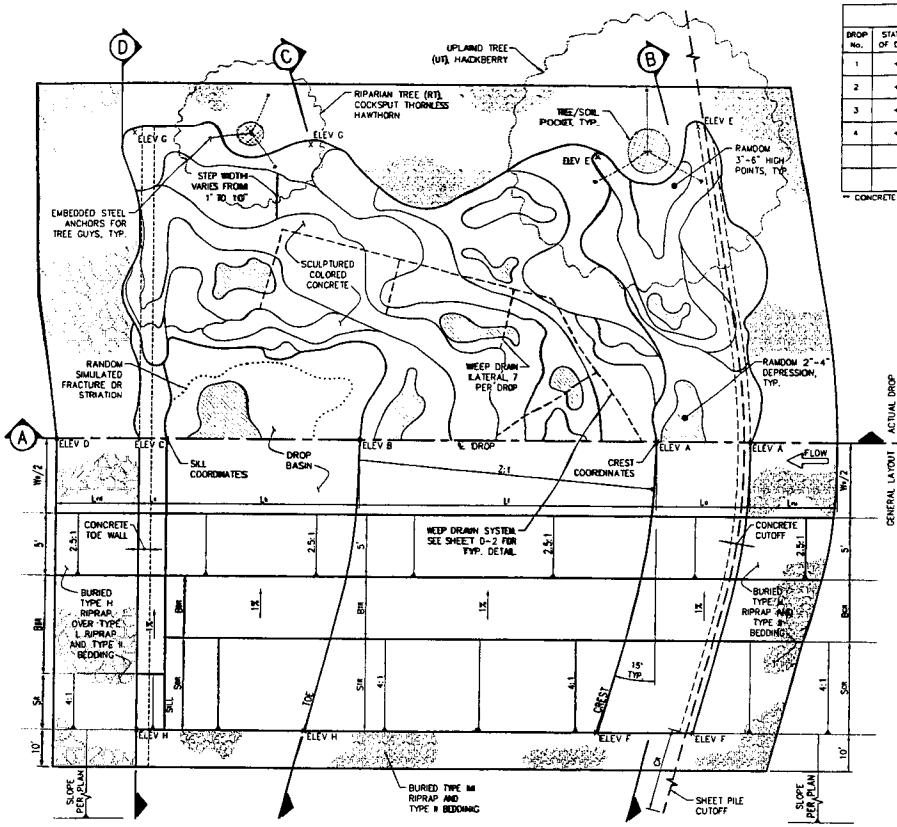


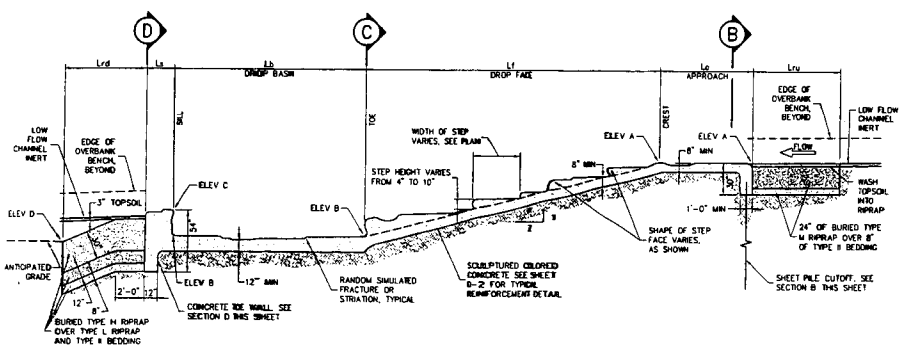
GROUND CONTROL SURVEY BY: FARNSWORTH GROUP AERIAL PHOTOGRAPHY BY: N/A TOPOGRAPHIC MAPPING BY: KUCERA INTERNATIONAL INC CONTOUR INTERVAL: 1 FOOT DATE FLOWN 9/11/02	Farnsworth GROUP	DESIGNED BSK/EJM DATE DRAWN EJM DATE CHECKED DPK DATE REVISED DATE AS-BUILT DATE	URBAN DRAINAGE & FLOOD CONTROL DISTRICT TOWN OF PARKER	TALLMAN GULCH CHANNEL IMPROVEMENTS	DROP STRUCTURE No. 4 & No. 5 PLAN	SHEET 7

XRef Files: c01-302050-mapping | 301072-design | emcoechern | P:\2002\302050 - tallman gulch\dwg\C02-302050-DESIGN.DWG | DATE: 06/10/2003 | Time: 10:18 |

Tallman Gulch Channel Work
Urban Drainage
Section 404 Permit 200380390

Fig. 6





A DROP STRUCTURE PROFILE
Scale: NOT TO SCALE

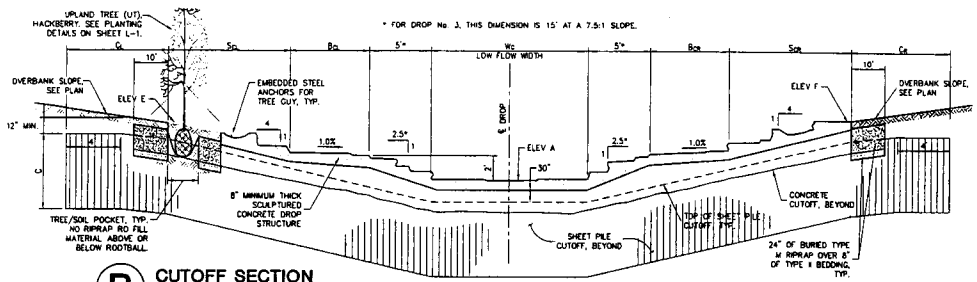
DROP STRUCTURE LAYOUT TABLE (all dimensions in feet unless shown otherwise)

DROP No.	STATION OF DROP	COORDINATES AT CREST	COORDINATES AT SILL	DROP HEIGHT	ELEV. A	ELEV. B	ELEV. C	ELEV. D	ELEV. E	ELEV. F	ELEV. G	ELEV. H	B_{CL}	B_{CR}	B_{TL}	B_{TM}	B_{TR}	B_{BM}	B_{BR}	C	C_L	C_R	L_{RU}	L_D	L_F	L_B	L_U	L_{FR}	RT	S_{CL}	S_{CR}	S_{TL}	S_{TM}	S_{BL}	S_{BM}	S_L	S_R	UT	W_L	W_T	W_R
1	+	N E	N E	4.50																																				
2	+	N E	N E	4.50																																				
3	+	N E	N E	4.50																																				
4	+	N E	N E	4.50																																				

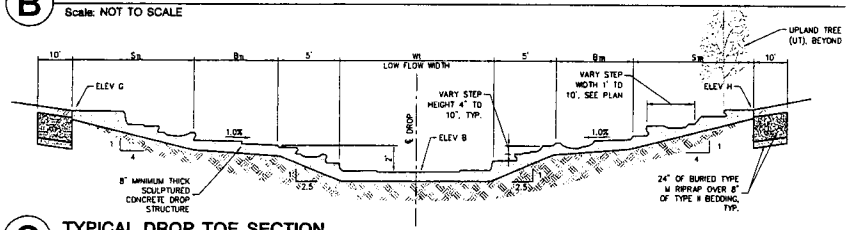
** CONCRETE LOW FLOW CHANNEL EXTENDS UPSTREAM THROUGH BRIDGE. SEE SHEET 5 FOR LAYOUT DIMENSIONS OF BURIED RIPRAP UPSTREAM OF DROP.

NOTES:

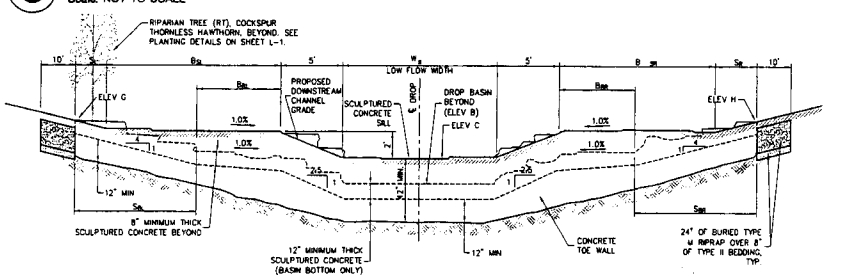
1. SEE SHEET 5 FOR LAYOUT DIMENSIONS OF BURIED RIPRAP TO BE PLACED ALONG SIDES OF DROP No. 3.
2. SLOPE AND WIDTH OF RIGHT SIDE OF DROP No. 4 APPROACH VARIES, SEE SHEET No. 6 FOR GRADING AND DIMENSIONS.
3. RANDOM SIMULATED FRACTURES OR STRIATIONS THROUGHOUT DROP TO BE COORDINATED AND ESTABLISHED IN FIELD.
4. SEE SPECIFICATIONS FOR CONCRETE MIX DESIGNS, REQUIRED SURFACE FINISH AND INTENT OF DROP APPEARANCE.



B CUTOFF SECTION
Scale: NOT TO SCALE



C TYPICAL DROP TOE SECTION
Scale: NOT TO SCALE



D TYPICAL DROP BASIN AND SILL SECTION
Scale: NOT TO SCALE

6/26/03
PROGRESS PRINT

GROUND CONTROL SURVEY BY: FARNSWORTH GROUP AERIAL PHOTOGRAPHY BY: AERIAL SURVEY INTERNATIONAL, LLC TOPOGRAPHIC MAPPING BY: FARNSWORTH GROUP CONTOUR INTERVAL: 1 FOOT DATE FLOWN: 10-25-2001	Farnsworth GROUP	DESIGNED CJC/EJM DATE DRAWN EJM DATE CHECKED DRK DATE REVISED DATE AS-BUILT DATE	URBAN DRAINAGE & FLOOD CONTROL DISTRICT TOWN OF PARKER	TALLMAN GULCH CHANNEL IMPROVEMENTS	DROP STRUCTURE DETAILS	SHEET D-1

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