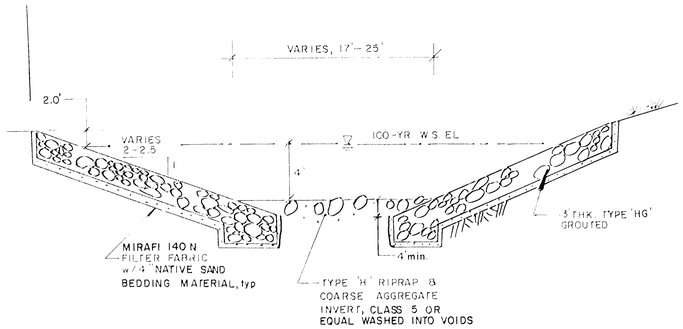


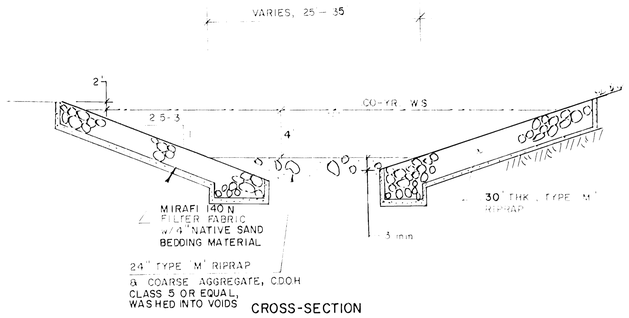
CROSS-SECTION
PROPERTY LINE to STA.15+06 A
4 16

RIPRAP GRADATIONS

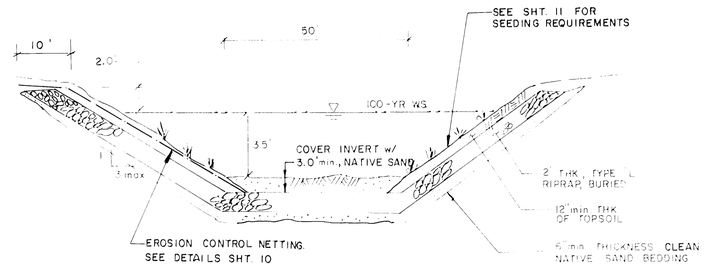
Rip Rap Designation	% Smaller Than Given Size by Weight	Intermediate Rock Dimension (inches)	d_{50}* (inches)
Type L	70 - 100	15	
	50 - 70	12	
	35 - 50	9	9**
	2 - 10	3	
Type M	70 - 100	21	
	50 - 70	18	
	35 - 50	12	12
	2 - 10	4	
Type H	100	30	
	50 - 70	24	
	35 - 50	18	18
	2 - 10	6	

GROUTED RIPRAP GRADATIONS

TYPE HG	100	30
	50-70	24
	0-5	18

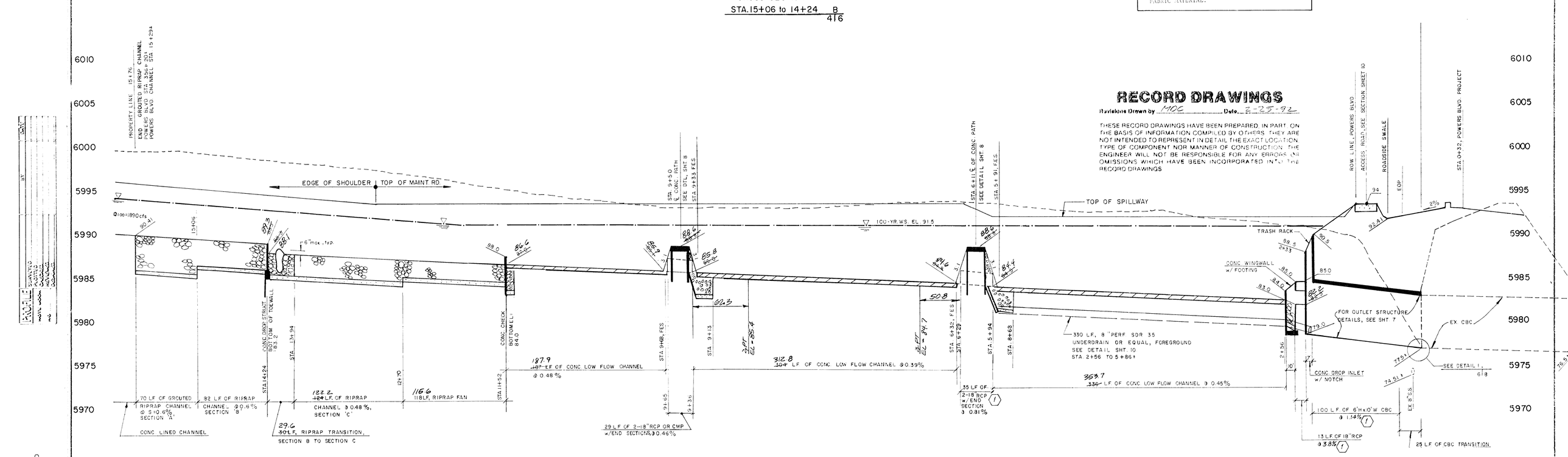


CROSS-SECTION
STA.15+06 to 14+24 B
4 16



CROSS-SECTION
STA. 13+94 to 12+70 C
4 16

NATIVE SAND MATERIAL TO BE USED AS BEDDING UNDER THE RIPRAP LININGS SHALL BE THE FINE TO COARSE SANDS IDENTIFIED IN THE SOIL REPORT FOR THIS PROJECT. NATIVE SAND BEDDING MATERIAL SHALL BE STOCKPILED AND CLEARED OF ORGANIC MATERIAL AND DEBRIS. ENGINEER SHALL OBSERVE STOCKPILED MATERIAL PRIOR TO PLACEMENT OF THE NATIVE SAND OVER THE FILTER FABRIC MATERIAL.



RECORD DRAWINGS

Revisions Drawn by MOC Date 2-25-92

THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED BY OTHERS. THEY ARE NOT INTENDED TO REPRESENT IN DETAIL THE EXACT LOCATION, TYPE OF COMPONENT NOR MANNER OF CONSTRUCTION. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE RECORD DRAWINGS

16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

1"=50' 1"=5'

BRASS CAP LOCATED AT THE SW. cor OF THE BRIDGE, 2000'± WEST OF POWERS BLVD. ON U.S. 24 BRIDGE OVER SAND CREEK. EL. 6190.00 U.S.G.S.

(1) CONTRACT DOCUMENTS 7-16-90

STATEMENT

THE CITY OF COLORADO SPRINGS RECOGNIZES
DESIGN ENGINEER AS HAVING RESPONSIBLE
THE DESIGN. THE CITY HAS LIMITED
REVIEW ACCORDINGLY
RESUBMITTAL REQUIRED IF CONSTRUCTION HAS
NOT COMMENCED WITHIN 180 DAYS AFTER
DATE

1980 AS AMENDED

Kiowa Engineering Corporation
419 W. BIJOU STREET
COLORADO SPRINGS
COLORADO 80905

DESIGNED JYC DATE 4/90
DRAWN EAK DATE 4/90
CHECKED BY DATE

PROJECT POWERS BLVD. DETENTION POND
BASIN PROFILE & CHANNEL SECTIONS

DRAINAGE BASIN PETERSON FIELD
JOB NO 89-08-16 SHEET 06 OF 15

9005-07 Facility D Sheet 6 of 13

9005-07-6