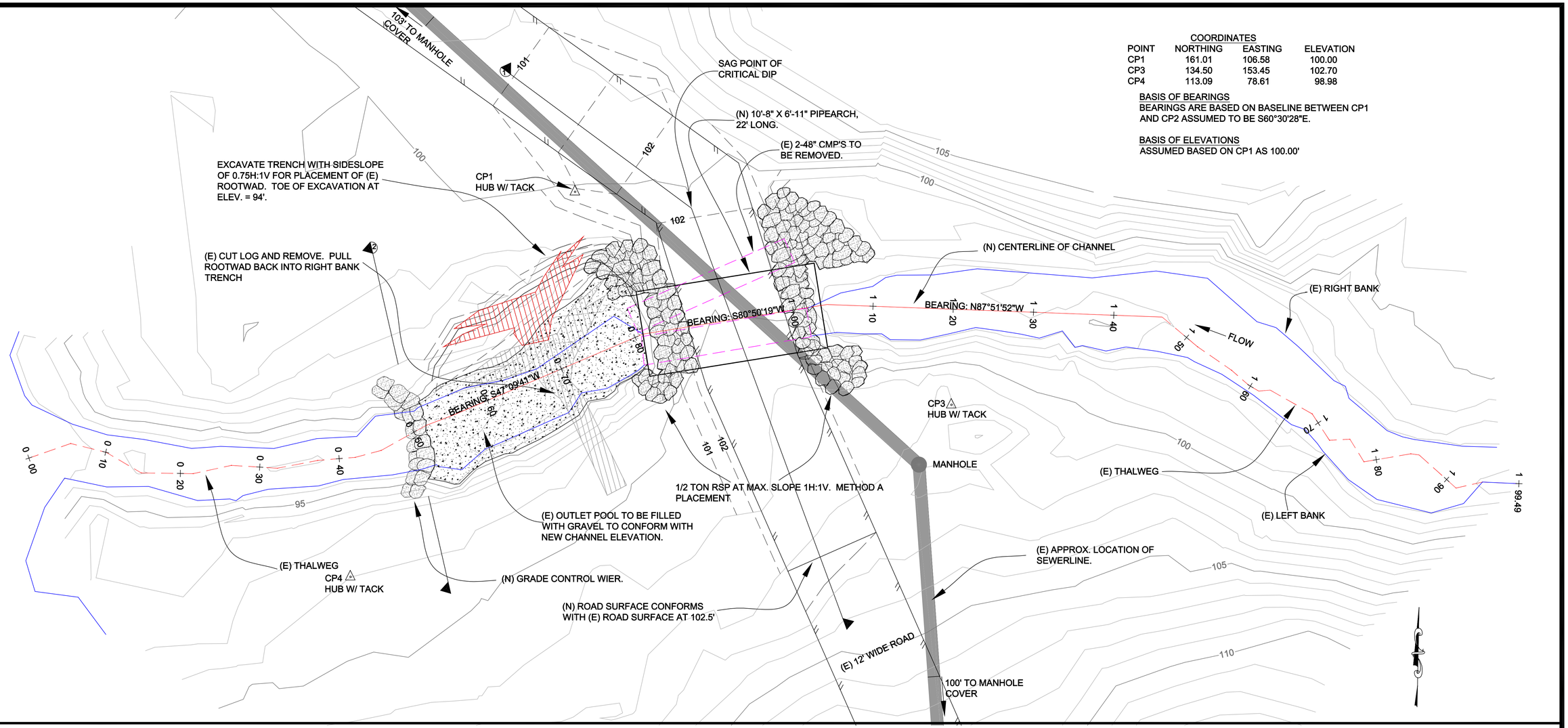
PLAN



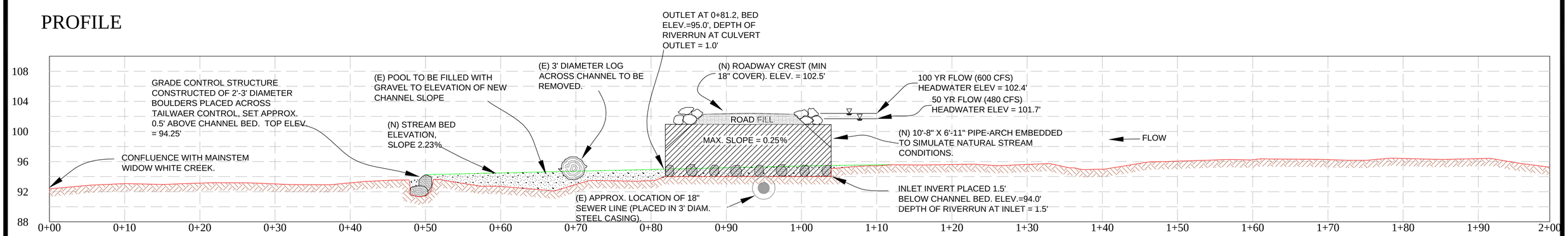
COORDINATES

POINT	NORTHING	EASTING	ELEVATION
CP1	161.01	106.58	100.00
CP3	134.50	153.45	102.70
CP4	113.09	78.61	98.98

BASIS OF BEARINGS
BEARINGS ARE BASED ON BASELINE BETWEEN CP1 AND CP2 ASSUMED TO BE S60°30'28"E.

BASIS OF ELEVATIONS
ASSUMED BASED ON CP1 AS 100.00'

PROFILE



DESIGNED BY	ML	DATE 6/01
PREPARED BY	KB	6/01

PREPARED FOR:
REDWOOD COMMUNITY ACTION AGENCY
904 G STREET
EUREKA, CA 95521

LANDSCAPE CONTRACTOR'S LICENSE # 518874

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NORTH FORK WIDOW WHITE CREEK AT MCSD RIGHT OF WAY
CULVERT REPLACEMENT

SCALE 0 6

SHEET 2/3

NOTES:

CULVERT INSTALLATION

CULVERT SHALL BE 22' IN LENGTH, 10'-8" WIDTH BY 6'-11" HEIGHT MADE OF CORRUGATED GALVANIZED STEEL OF GAGE EQUAL TO 14, OR ALUMINUM EQUIVALENT.

THE CORRUGATED STEEL PIPE SHALL CONFORM TO AASHTO M 167.

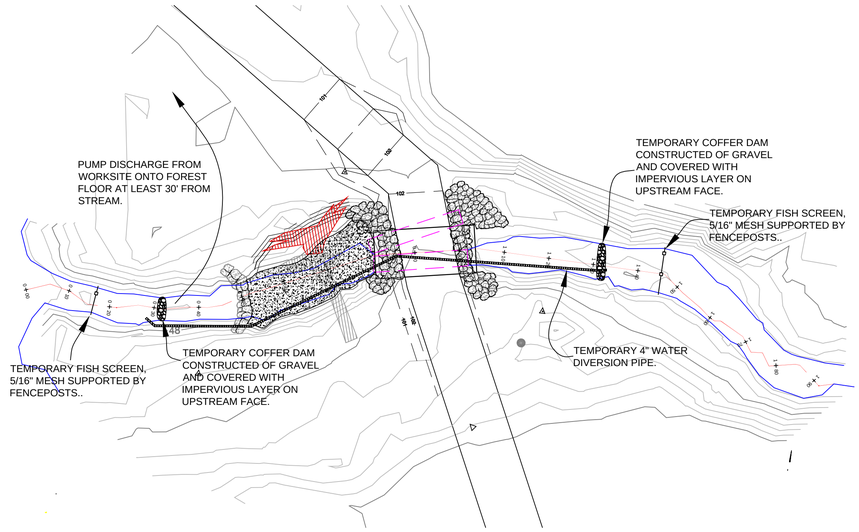
THE STRUCTURE SHALL BE INSTALLED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, THE MANUFACTURER'S RECOMMENDATIONS, AND THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, SECTION 26 (DIVISION II).

CHANNEL MODIFICATIONS

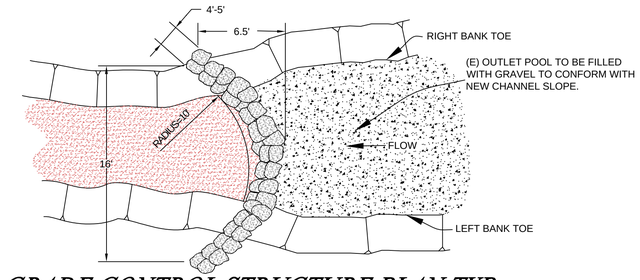
LOCATION OF ROCK WEIRS AND GRADE CONTROL STRUCTURES TO BE MARKED IN THE FIELD BY THE ENGINEER. BOULDERS FOR STRUCTURES SHOULD BE SELECTED AND MARKED AT THE QUARRY OR PROJECT SITE AND PLACED ACCORDING TO DIRECTION OF ENGINEER IN THE FIELD.

GRADE CONTROL STRUCTURES ARE TO BE PLACED IN AN ARCH POINTING UPSTREAM. FOOTER ROCKS ARE TO BE KEYED INTO CHANNEL BED. PLACE TOP OF STRUCTURE AND SPILLWAY FLUSH WITH BOTTOM OF CHANNEL BED. SLOPE BOULDERS DOWN FROM BANK TO SPILLWAY. NOTCH SPILLWAY TO CONCENTRATE FLOW. PRE-SHAPE CHANNEL WITH ENGINEERED GRAVEL FILL AND COBBLES IN SCOUR POOL.

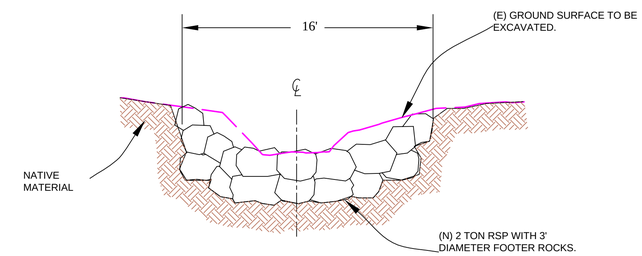
RSP PLACEMENT IN ALL LOCATIONS SHALL BE "METHOD A"



WATER MANAGEMENT PLAN



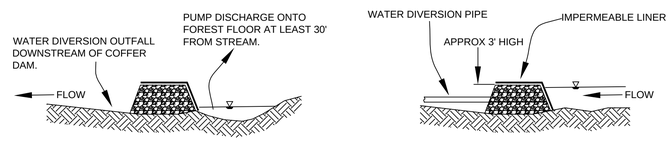
GRADE CONTROL STRUCTURE PLAN TYP



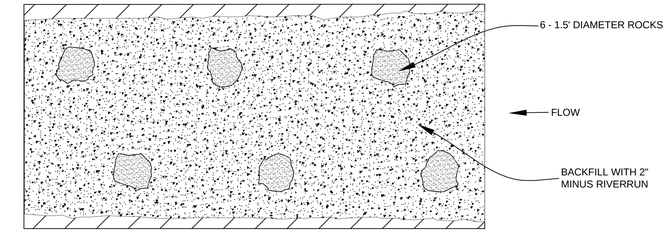
GRADE CONTROL STRUCTURE SECTION TYP 2

LEGEND & ABBREVIATIONS

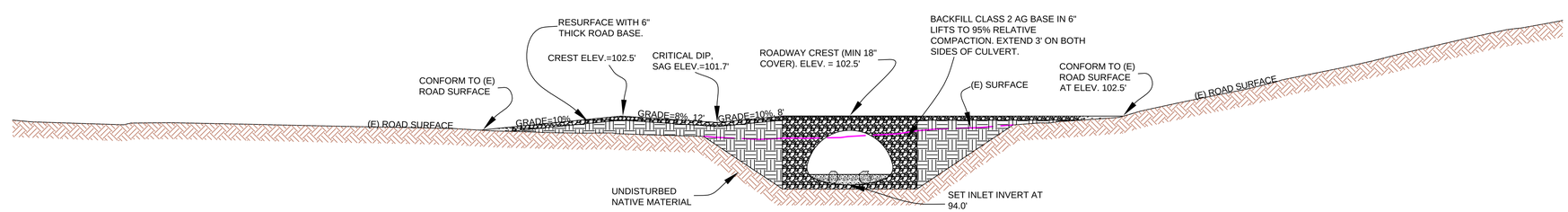
APPROX	APPROXIMATE
TYP	TYPICAL
CFS	CUBIC FEET PER SECOND
(E)	EXISTING
(N)	NEW
℄	CENTER LINE
CP1	CONTROL POINT
	(E) 1' CONTOURS
	(N) DESIGN CONTOURS
	TOP OF BANK
	ACTIVE CHANNEL MARGINS
	NATIVE MATERIAL, UNDISTURBED
	BACKFILL, NATIVE MATERIAL
	GRAVEL FILL



DOWNSTREAM UPSTREAM
COFFER DAM SECTION VIEWS



CULVERT SIMULATED STREAM BED PLAN TYP



ROAD PROFILE AND CULVERT SECTION TYP 1

		DATE
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PREPARED BY	KB	6/01

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CULVERT REPLACEMENT

SCALE VARIES

SHEET 3/3