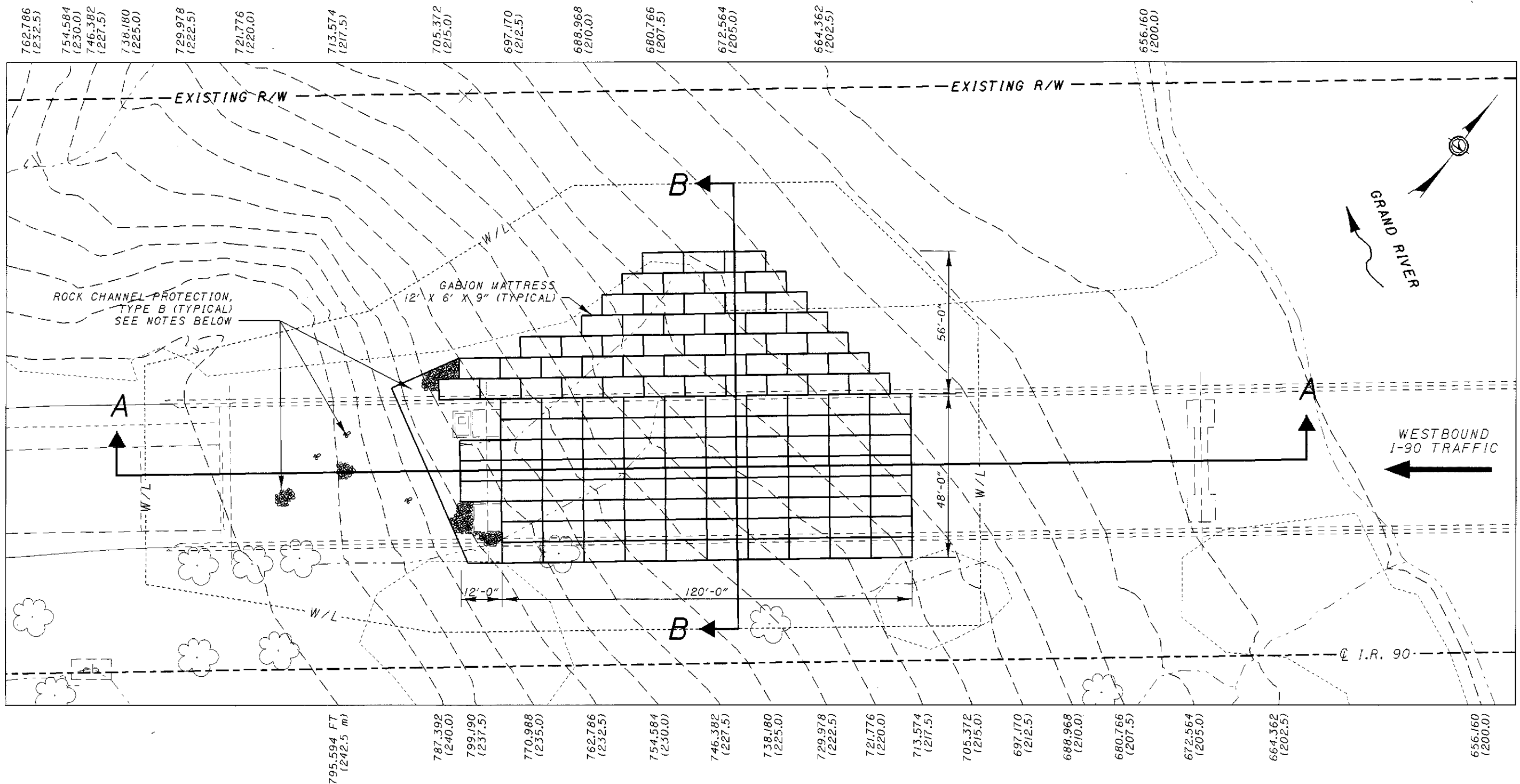


PLOT SUBMITTED 24-FEB-1999 09:30

plan.dgn

PLOTTED BY: nconley
PLOTTED FROM: i:\projects\pdi\507\plan.dgn



PLAN VIEW

NOTES:

1. SURVEY INFORMATION FOR THIS PROJECT WAS ORIGINALLY DONE IN METRIC. FOR THIS REASON, THE EXISTING CONTOUR LINES ARE LABELED IN ENGLISH UNITS (FEET) WITH THEIR RESPECTIVE METRIC DIMENSION BELOW IN PARENTHESIS (METERS).
2. SHALE AND SANDY SHALESTONE ARE FOUND OVER THE ENTIRE PROJECT SITE. SOME ROCK IS EXPOSED.
3. GABION MATTRESSES (12' X 6' X 9") SHALL BE ARRANGED SIMILAR TO THAT AS SHOWN TO PROVIDE THE MAXIMUM PROTECTION FOR THE ERODING SLOPE. PRIOR TO PLACING THE MATTRESSES THE SLOPE SHALL BE LEVELED OF ALL SHARP BREAKS, MOUNDS AND GULLEYS (USE EMBANKMENT AS NECESSARY), AND THEN COVERED WITH FILTER FABRIC. THE LEVELED SLOPE MAY VARY FROM 2:1 (NORMAL) TO 1.5:1 (NORMAL). PAYMENT FOR LEVELING THE SURFACE SHALL BE INCLUDED IN ITEM 838 - GABIONS WITH ADDITIONAL COATING, ANCHORED. ALL GABIONS SHALL BE ANCHORED AS DETAILED ON SHEET 5, AND ALL GABIONS ALONG THE OUTSIDE PERIMETER SHALL HAVE ADDITIONAL ANCHORS.
4. DUMPED ROCK FILL SHALL BE USED AS A TRANSITION ELEMENT BETWEEN THE EXISTING GRADE AND THE PROPOSED GABION MATTRESSES. ALL VOIDS NOT COVERED BY THE GABION TREATMENT SHALL BE FILLED WITH THE REMAINING DUMPED ROCK FILL.
5. FOR SECTION VIEWS A-A AND B-B, AND MATTRESS ANCHORING DETAILS, SEE SHEET 5.

762.766 (232.5) 754.584 (230.0) 746.382 (227.5) 738.180 (225.0) 729.978 (222.5) 721.776 (220.0) 713.574 (217.5) 705.372 (215.0) 697.170 (212.5) 688.968 (210.0) 680.766 (207.5) 672.564 (205.0) 664.362 (202.5) 656.160 (200.0)

795.594 FT (242.5 m) 787.392 (240.0) 799.190 (237.5) 770.988 (235.0) 762.786 (232.5) 754.584 (230.0) 746.382 (227.5) 738.180 (225.0) 729.978 (222.5) 721.776 (220.0) 713.574 (217.5) 705.372 (215.0) 697.170 (212.5) 688.968 (210.0) 680.766 (207.5) 672.564 (205.0) 664.362 (202.5) 656.160 (200.0)

DESIGN AGENCY
DISTRICT TWELVE
PRODUCTION DEPARTMENT

DESIGNED	NRC	CHECKED	MJM
DRAWN	NRC	REVIEWED	
REVIEWED	JJL	DATE	2/99
		STRUCTURE FILE NUMBER	4304950

GENERAL PLAN
BRIDGE NO. LAK-90-2342L
OVER GRAND RIVER

LAK-90-23.42