



- NOTE:**
1. RIPRAP FILTER 2 IS NOT REQUIRED UNDER STONE RIPRAP, (SPECIAL) OR RIPRAP FOR STILLING BASIN WHEN RIPRAP IS PLACED ON FIRM BEDROCK.
 2. FIRM BEDROCK IS ESTIMATED TO BE AT ELEVATION 565.5 TO 566.5. WHERE FOUND TO BE HIGHER, THE INDICATED DEPTHS OF EXCAVATION AND RIPRAP LAYER THICKNESSES MAY BE REDUCED, AS DIRECTED BY THE ENGINEER. WHERE BEDROCK ELEVATIONS ARE LOWER THAN THOSE ESTIMATED, RIPRAP LAYER THICKNESS SHALL BE AS INDICATED.

BILL OF MATERIALS

ITEM	UNIT	QUANTITY
RIPRAP FOR STILLING BASIN	TON	1361.0
STONE RIPRAP, CLASS A4 (SPECIAL)	TON	76.1
STONE RIPRAP, CLASS A5 (SPECIAL)	TON	99.8
STONE RIPRAP, CLASS A7 (SPECIAL)	TON	265.7
CONCRETE HEADWALL FOR PIPE DRAINS	EACH	1.0
SUB-BASE GRANULAR MATERIAL, TYPE A	CU YD	1.7
DUCTILE IRON GAGE PIPE EXTENSION	L SUM	1.0
EARTH EXCAVATION	CU YD	955.2
ROCK EXCAVATION	CU YD	24.8

NOTE:
1. BILL OF MATERIAL INCLUDES ONLY QUANTITIES FROM STA. 0+00 TO STA. 2+21.45

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 11.47.28
 DRAGASMZ
 1-13-2005
 Designed by MD
 Checked by RUM
 Drawn by MD
 Checked by RUM