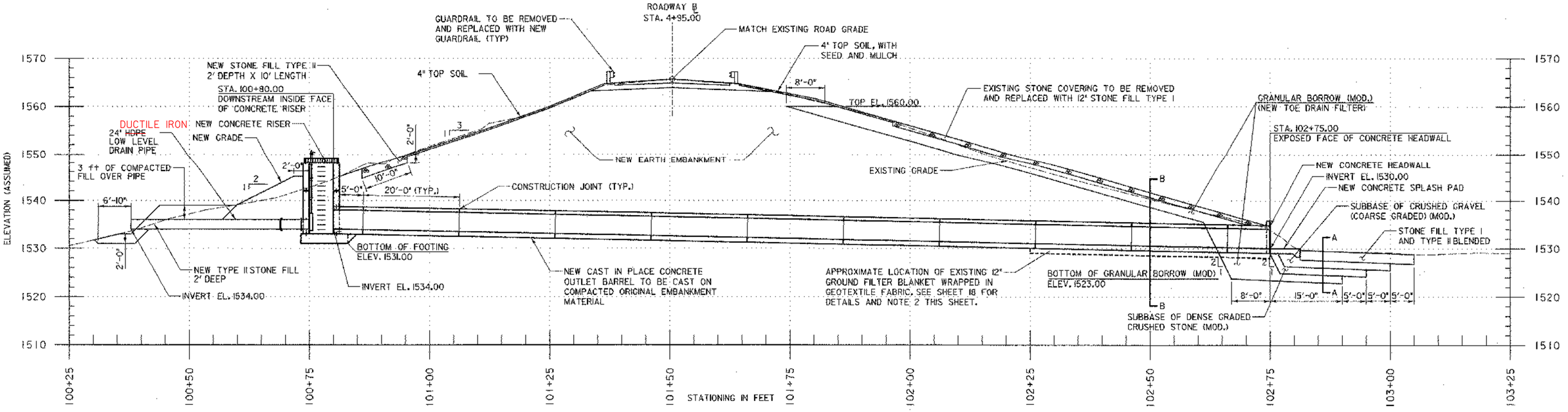
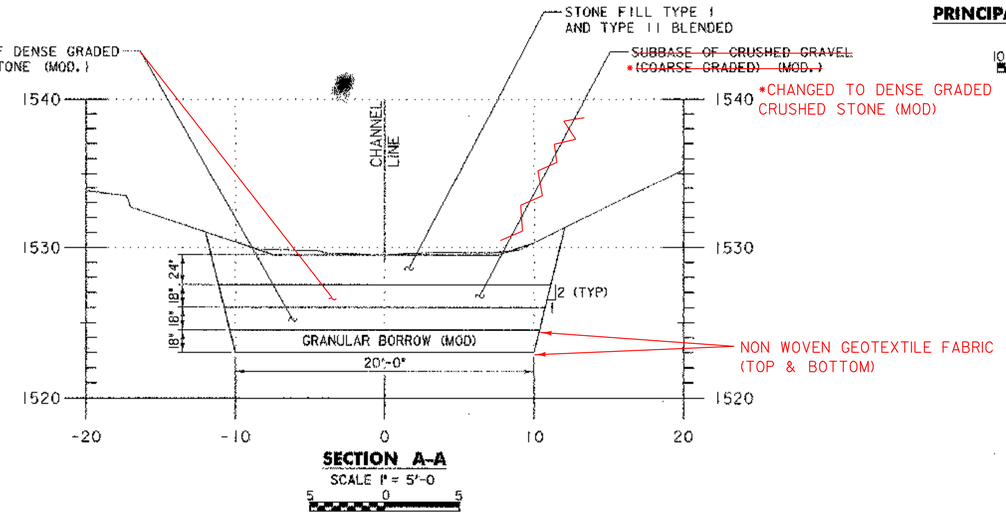


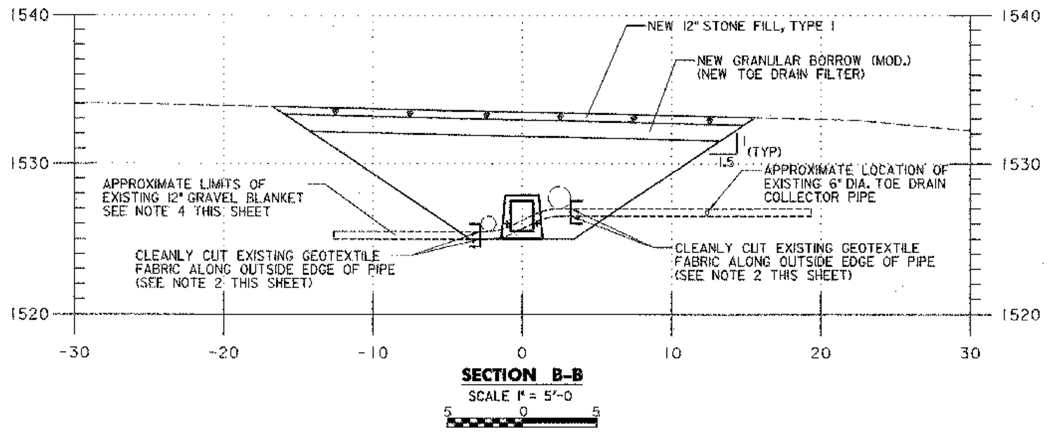
PRINCIPAL SPILLWAY (PROFILE)

SCALE 1" = 10'-0



SECTION A-A

SCALE 1" = 5'-0



SECTION B-B

SCALE 1" = 5'-0

NOTES:

1. THE EXISTING DRAIN SYSTEM FOR THIS DAM CONSISTS OF THE FOLLOWING COMPONENTS: 18" SLOPE DRAIN, 12" GRAVEL FOUNDATION BLANKET, TRENCH DRAINS ALONG THE FOUNDATION AND ANTI-SEEP COLLARS AFFIXED TO BOTH OUTLET BARRELS. THE LOCATION OF THE DRAIN SYSTEM COMPONENTS SHOWN ON THESE PLANS IS APPROXIMATE, REFER TO 'AS - BUILT' DRAWINGS.

2. THE CONTRACTOR SHALL TAKE CARE WHEN EXCAVATING IN THE LOCATION OF THE EXISTING 12" GRAVEL BLANKET, SUCH THAT THE EXCAVATION EQUIPMENT DOES NOT TEAR THE EXISTING GEOTEXTILE FABRIC. EACH LAYER OF THE GEOTEXTILE FABRIC SHALL BE CUT CLEANLY ALONG THE EDGE OF THE PIPE AND FOLDED BACK. ONCE CONSTRUCTION WITHIN THE EXCAVATION TRENCH IS COMPLETE, THE GEOTEXTILE SHALL BE FOLDED TO WRAP THE EXISTING GRAVEL BLANKET AT THE EXCAVATION TRENCH SLOPE AND NEW EMBANKMENT WILL BE COMPACTED AGAINST THE GEOTEXTILE. SEE SECTION B-B ON FOR DETAILS. THIS WORK SHALL BE PAID UNDER ITEM 529.15 "REMOVAL OF STRUCTURE (MOD - PRINCIPAL SPILLWAY)".

3. THE CONTRACTOR SHALL ANTICIPATE EXPOSING THE TOE DRAIN COLLECTOR PIPES. THE EXISTING TOE DRAIN COLLECTOR PIPE SHALL BE CLEANLY CUT AND REPLACED WITH LIKE PVC PIPE, WITH "BELL AND SPIGOT" TYPE JOINTS. EACH JOINT SHALL BE CLEANED AND SOLVENT WELDED TO ENSURE SEPARATION DOES NOT OCCUR. THIS WORK SHALL BE PAID UNDER ITEM 605.10 "6-INCH UNDERDRAIN (MOD)".

4. THE CONTRACTOR SHALL ANTICIPATE EXPOSING ANTI-SEEP COLLARS ALONG EACH OUTLET BARREL AT A SPACING OF APPROXIMATELY 20 FEET, REFER TO 'AS - BUILT' DRAWINGS. THE CONTRACTOR SHALL TAKE CARE IN REMOVING THE ANTI-SEEP COLLARS TO AVOID DISTURBANCE OF THE UNDISTURBED EARTH EMBANKMENT BEYOND THE EXCAVATION LIMITS. IF THE EARTH EMBANKMENT IS DISTURBED, THE CONTRACTOR SHALL EXCAVATE AND RE-COMPACT THE DISTURBED AREA. THIS WORK SHALL BE PAID UNDER ITEM 529.15 "REMOVAL OF STRUCTURE (MOD - PRINCIPAL SPILLWAY)".

DATUM
VERTICAL ASSUMED
HORIZONTAL NAD 83

PLOTTED 05/21/2003

NO.	DATE	REVISIONS	BY	CK'D

STATE OF VERMONT — DEPARTMENT OF PUBLIC SERVICE — REGISTERED PROFESSIONAL ENGINEER

DuBois & King inc. — engineering planning management development

TOWN OF WARREN
WARREN, VERMONT

BLUEBERRY LAKE DAM
REHABILITATION PROJECT

PRINCIPAL AND EMERGENCY SPILLWAY PROFILE SHEET

DRAWN BY EBS	DATE MAY 2003
CHECKED BY	PROJ. NO. RI6663
PROJ. ENG. SRP	DRAW. NO. 17300
SHEET 11	OF 24