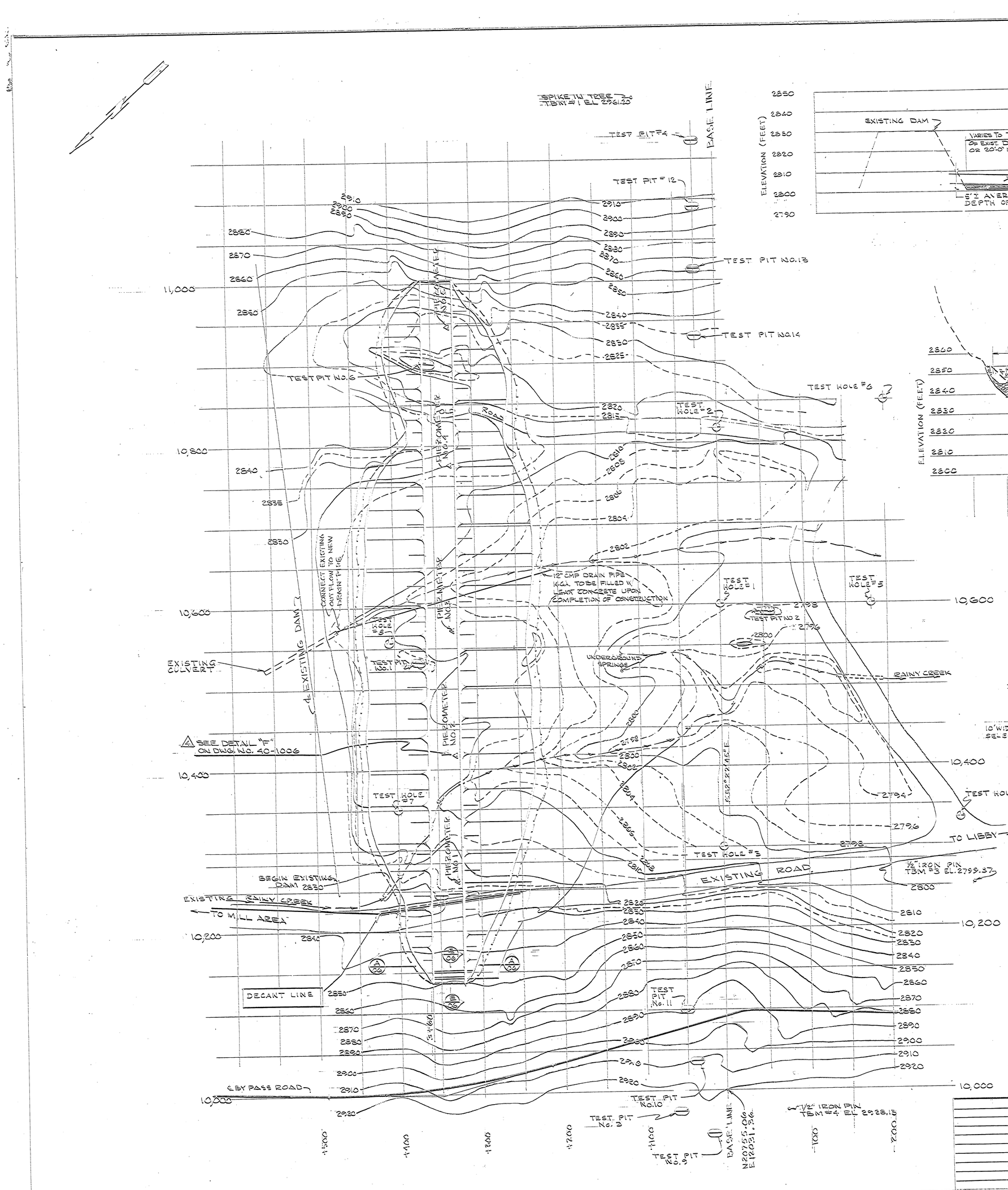
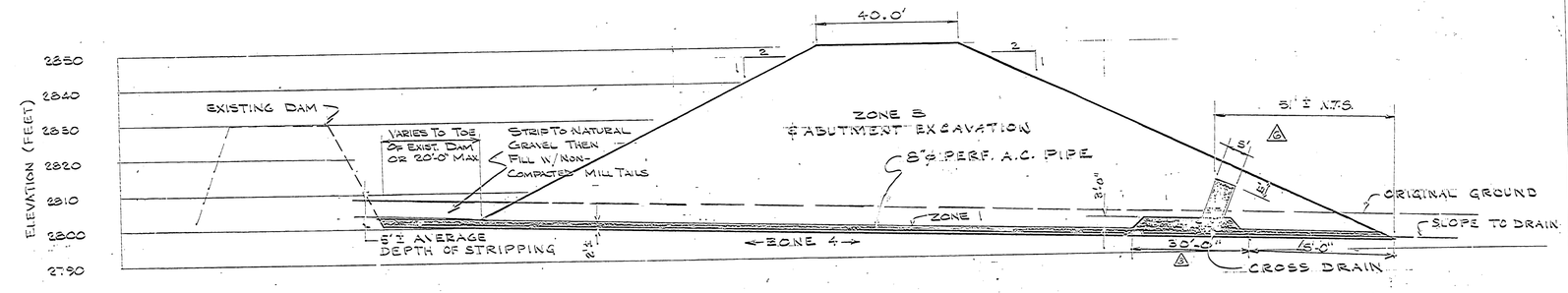
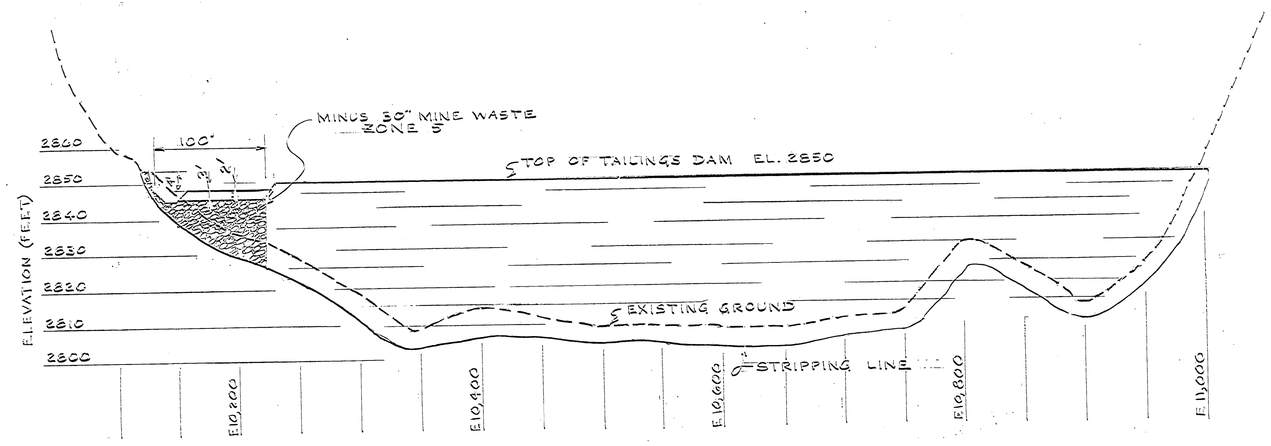




TYPICAL CROSS SECTION
SCALE 1" = 20.0'



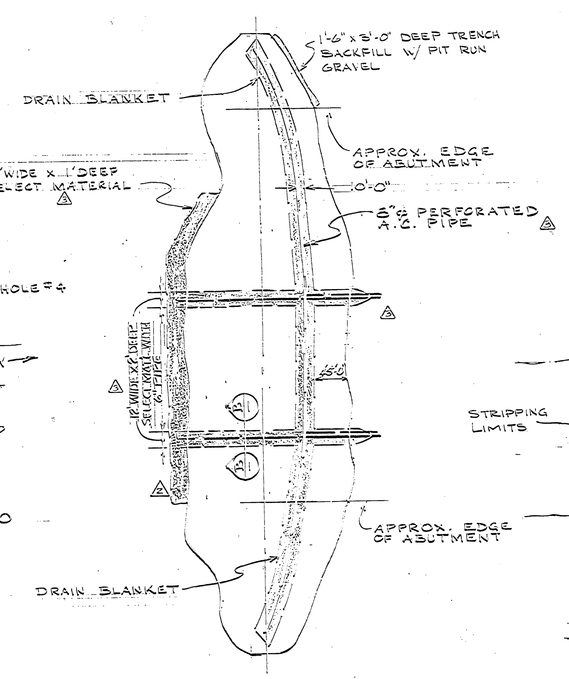
SOUTH ELEVATION
SCALE: 1" = 60.0' HORIZONTAL
1" = 20.0' VERTICAL

NOTE

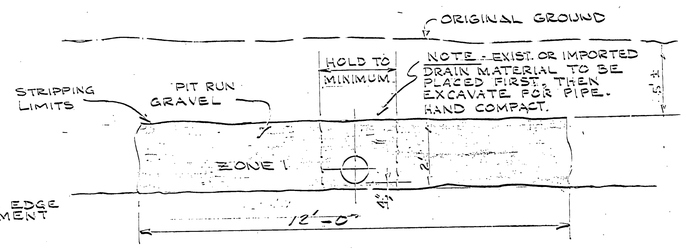
DRAIN MATERIAL IN VALLEY FLOOR WILL BE EXISTING IN PLACE GRAVELS. IMPORTED PIT-RUN MATERIAL FROM BORROW SITE #3 WILL BE REQUIRED ONLY FOR REPLACEMENT OF UNSUITABLE MATERIAL, FOR THE DRAIN BLANKET UNDER ABUTMENTS, FOR THE TRENCH ON THE DOWNSTREAM FACE OF THE DAM, AND FOR THE MAJOR DOWNSTREAM BLANKET ABOVE THE STRIPPING LINE.

LEGEND

- TEST HOLE
- TEST PIT



FOUNDATION DRAIN PATTERN
STARTER DAM
SCALE 1" = 100'



TYPICAL CROSS DRAIN SECTION (B)

SYM	REVISION	BY	DATE
4	CHANGED CHIMNEY SLOPE	LJS	11-28-72
3	AS BUILT	RDT	12-1-71
2	ADDED PIEZOMETER TUBES	TWO	12-22-71
1	CHANGED DRAIN BLANKET SIZES	LJS	9/20/71
0	DELEATED PIPE IN UPSTREAM DRAINFIELD	TWO	
1	GENERAL REVISION - DELETED ZONE 2	FRM	7-29-71

REFERENCE

GRACE
W. R. GRACE & CO.
CONSTRUCTION PRODUCTS DIVISION
LIBBY, MONTANA

DESIGNED BY T.L.G. DATE 7/22/71
DRAWN BY LBW DATE 7/22/71
CHECKED BY DATE 7/22/71
APPROVED BY DATE 7/22/71
APPROVED BY DATE

TITLE
TAILINGS IMPOUNDMENT
GENERAL PLAN
AND SECTIONS OF DAM

DOVAY ENGINEERS, INC.
SPOKANE - HOUSTON - BATON ROUGE

SCALE 1" = 50.0'
SHEET NO
SHEET NO
PROJECT NO 1617-080
DRAWING NO 40-1004

MONTANA ROBERT T. LAWSON 3609E REGISTERED PROFESSIONAL ENGINEER

MONTANA ARAY B. Jorgensen No. 2980 E 9/14/71 REGISTERED PROFESSIONAL ENGINEER