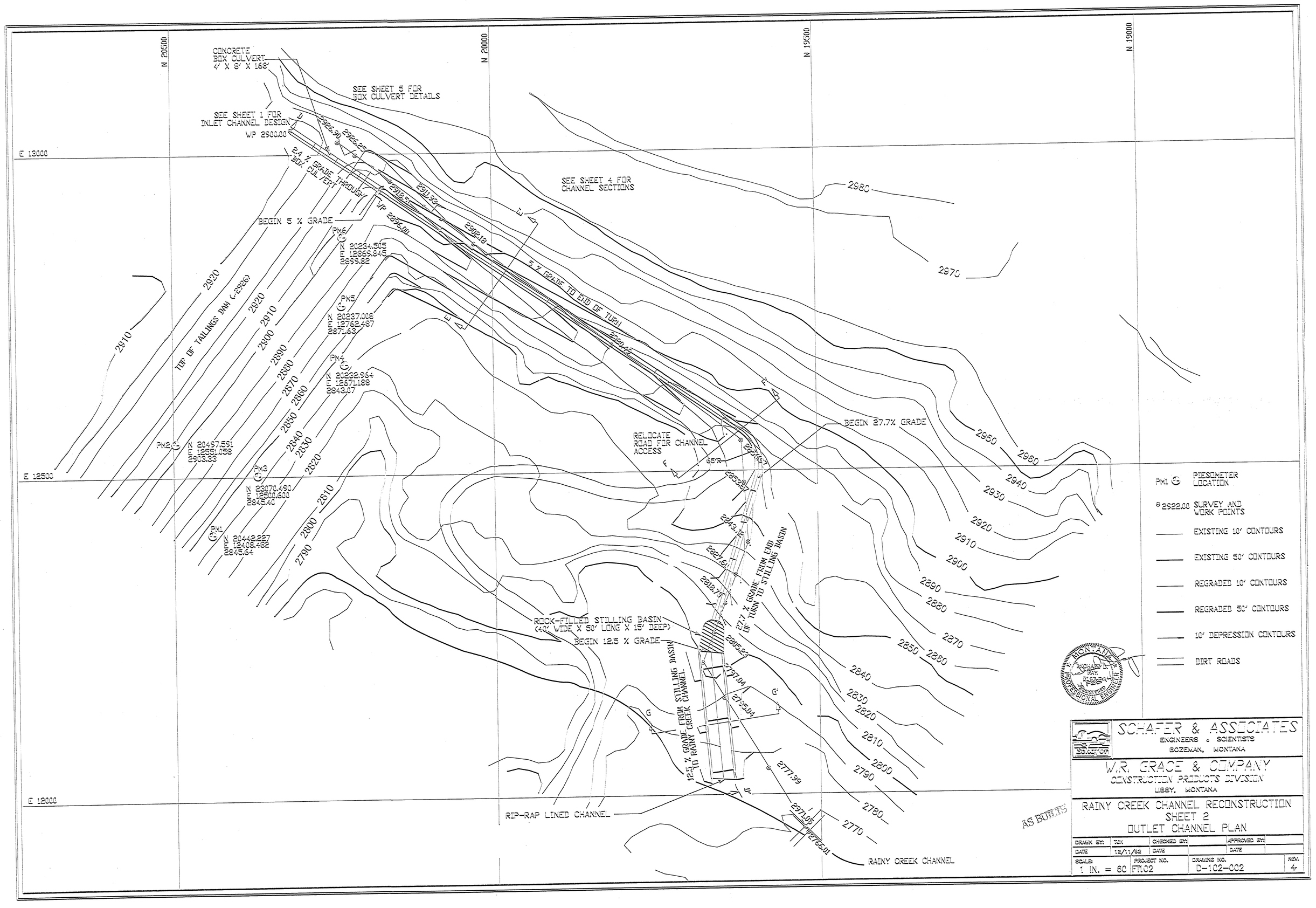
N 20500
N 20000
N 19500
N 19000
E 13000
E 12500
E 12000
CONCRETE BOX CULVERT 4' X 8' X 168'
SEE SHEET 5 FOR BOX CULVERT DETAILS
SEE SHEET 1 FOR INLET CHANNEL DESIGN
WP 2900.00
2.4 % GRADE THROUGH 30' CULVERT
BEGIN 5 % GRADE
5 % GRADE TO END OF TURN
SEE SHEET 4 FOR CHANNEL SECTIONS
TOP OF TAILINGS DAM (~2926)
BEGIN 27.7% GRADE
RELOCATE ROAD FOR CHANNEL ACCESS
27.7 % GRADE FROM END OF TURN TO STILLING BASIN
ROCK-FILLED STILLING BASIN (40' WIDE X 50' LONG X 15' DEEP)
BEGIN 12.5 % GRADE
12.5 % GRADE FROM STILLING BASIN TO RAINY CREEK CHANNEL
RIP-RAP LINED CHANNEL
RAINY CREEK CHANNEL
PM1 N 20442.227 E 12706.462 2845.64
PM2 N 20497.591 E 12591.056 2903.33
PM3 N 20370.490 E 12900.600 2845.40
PM4 N 20232.964 E 12671.188 2843.07
PM5 N 20237.008 E 12762.487 2871.89
PM6 N 20234.505 E 12669.848 2899.82
PM7 N 20232.964 E 12671.188 2843.07
PM8 N 20237.008 E 12762.487 2871.89
PM9 N 20234.505 E 12669.848 2899.82
PM1 PIEZOMETER LOCATION
2922.00 SURVEY AND WORK POINTS
EXISTING 10' CONTOURS
EXISTING 50' CONTOURS
REGRADED 10' CONTOURS
REGRADED 50' CONTOURS
10' DEPRESSION CONTOURS
DIRT ROADS
AS BUILTS
SCHAFER & ASSOCIATES
ENGINEERS • SCIENTISTS
BOZEMAN, MONTANA
W.R. GRACE & COMPANY
CONSTRUCTION PRODUCTS DIVISION
LIBBY, MONTANA
RAINY CREEK CHANNEL RECONSTRUCTION
SHEET 2
OUTLET CHANNEL PLAN
DRAWN BY: TJH
CHECKED BY:
APPROVED BY:
DATE 12/11/92
SCALE 1 IN. = 60
PROJECT NO. FT.02
DRAWING NO. D-102-002
REV. 4