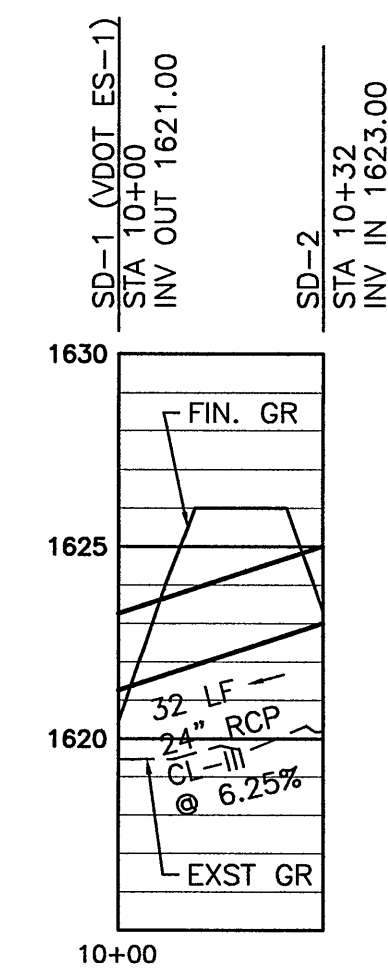
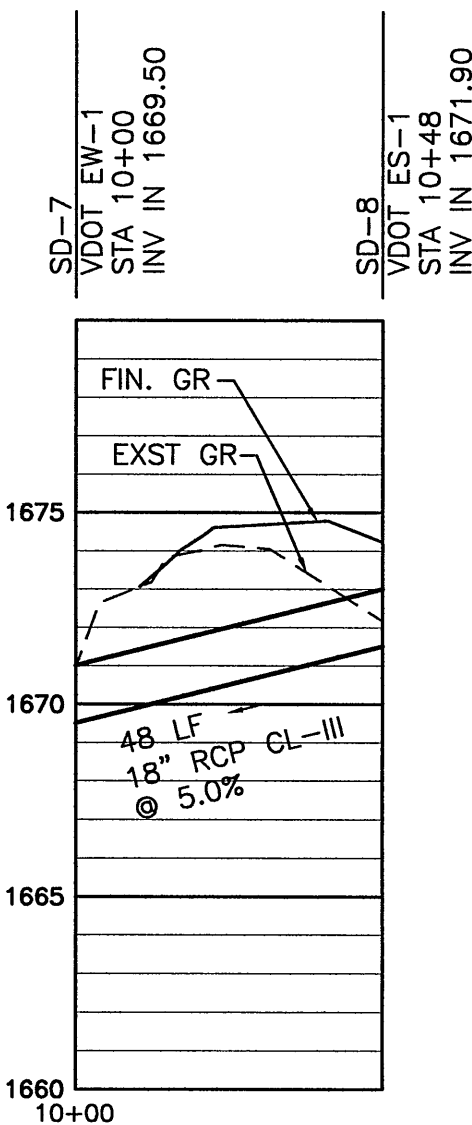




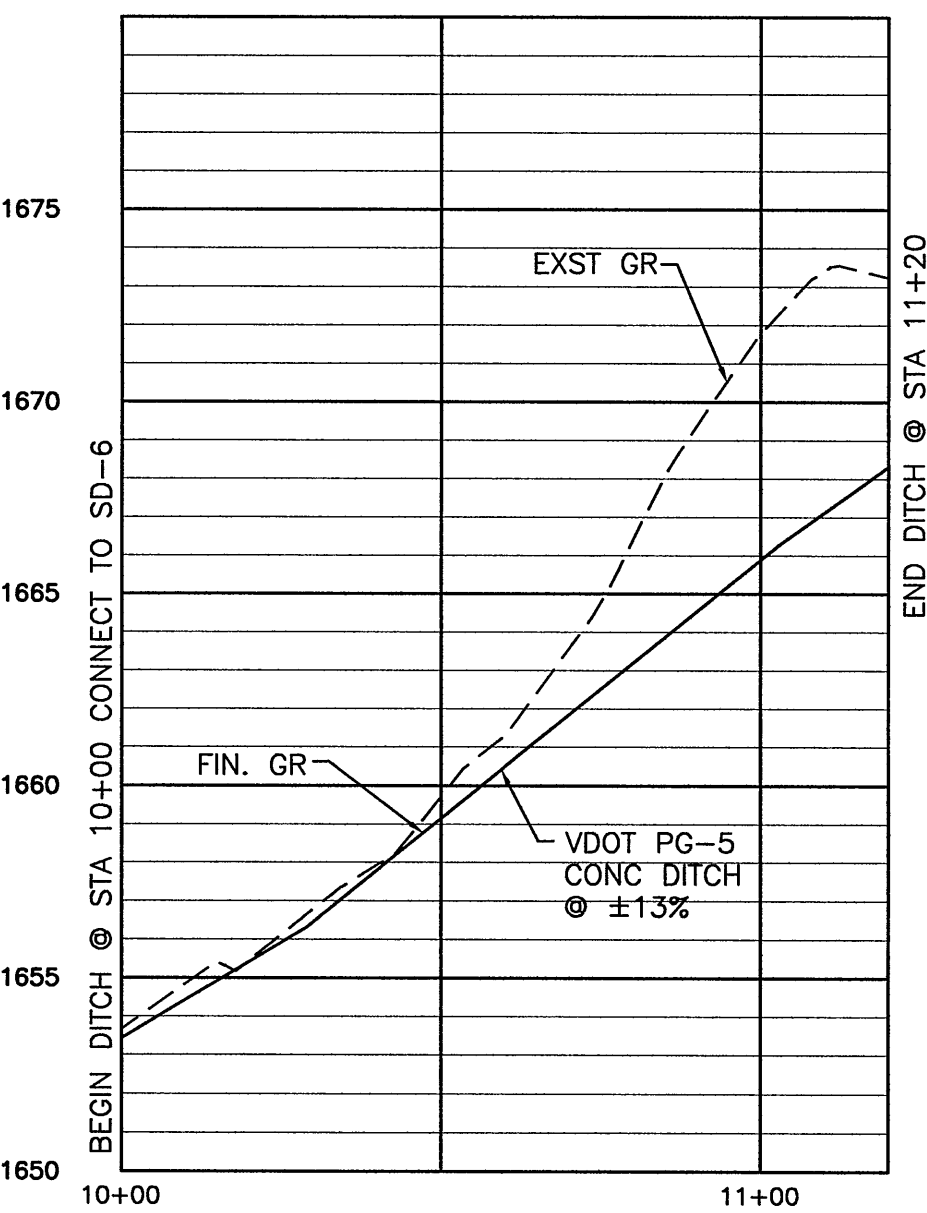
STORM PIPE PROFILE P-1

SCALE: HORIZONTAL 1"=30'
VERTICAL 1"=5'



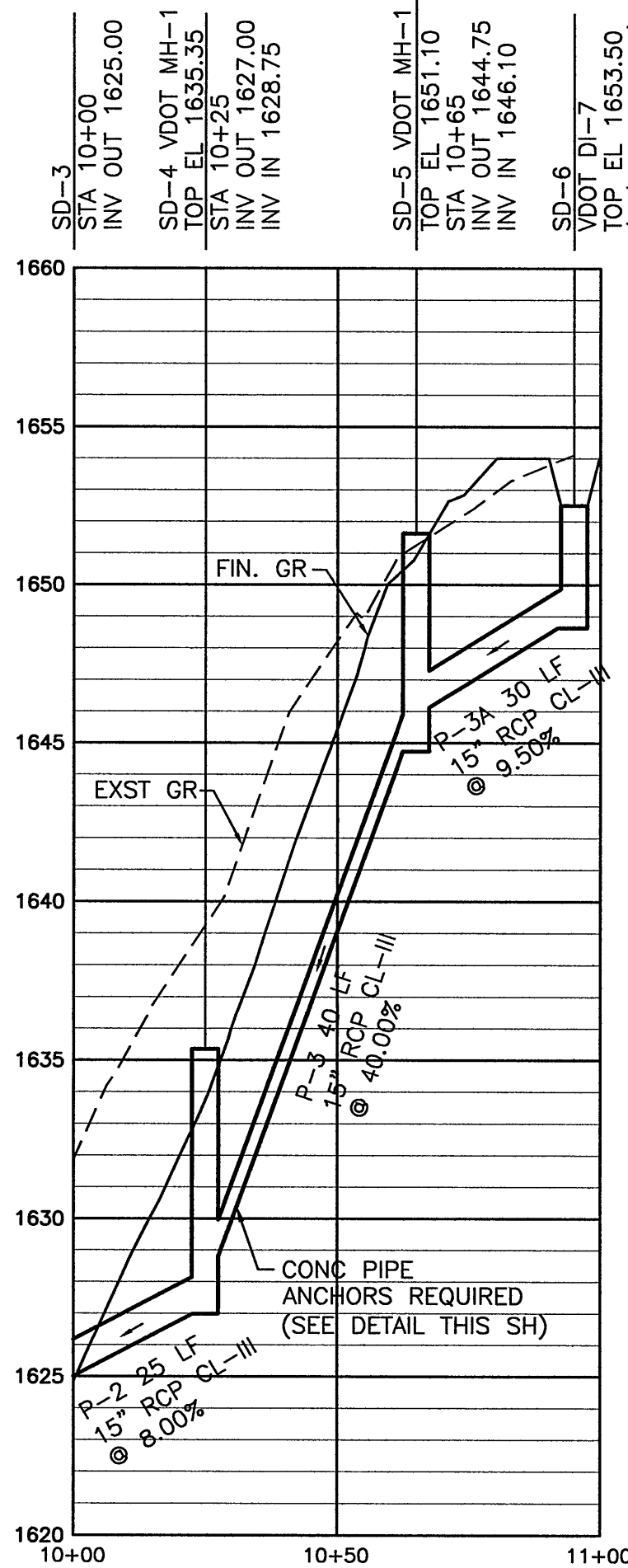
STORM PIPE PROFILE P-4

SCALE: HORIZONTAL 1"=30'
VERTICAL 1"=5'



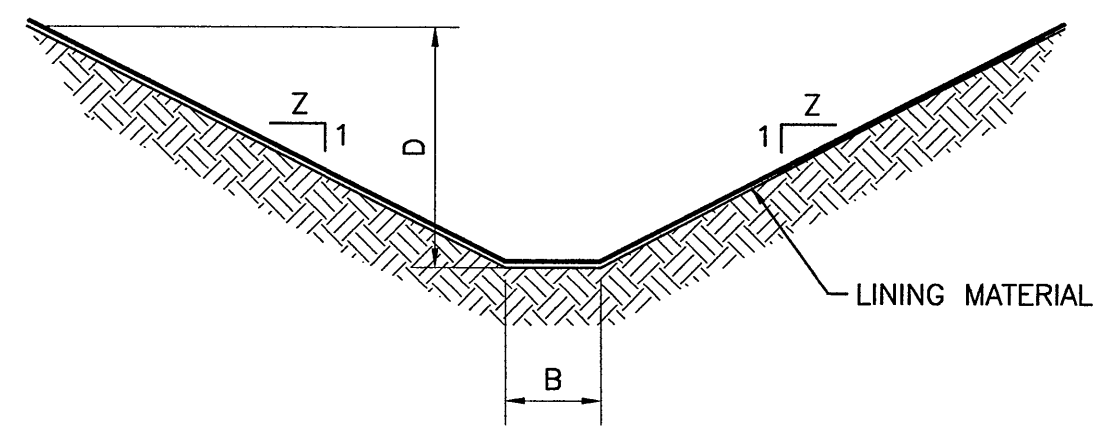
STORMWATER CONVEYANCE CHANNEL SCC-3

SCALE: HORIZONTAL 1"=30'
VERTICAL 1"=5'



STORM PIPE PROFILE P-2 TO P-3A

SCALE: HORIZONTAL 1"=30'
VERTICAL 1"=5'



STORMWATER CONVEYANCE CHANNEL (SCC) SECTION

NO SCALE

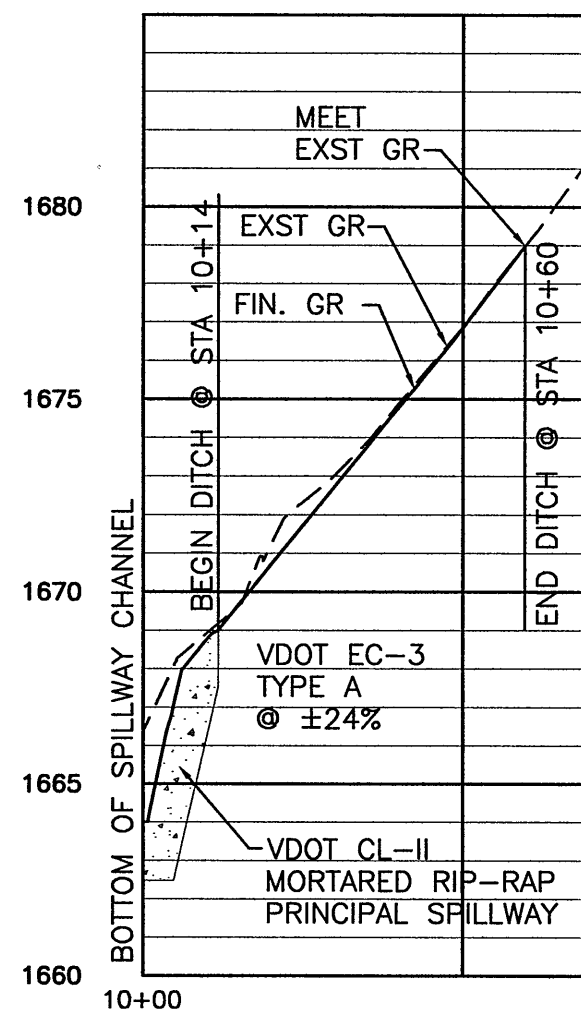
CS204 1 CS204



STORMWATER CONVEYANCE CHANNEL SCC-4

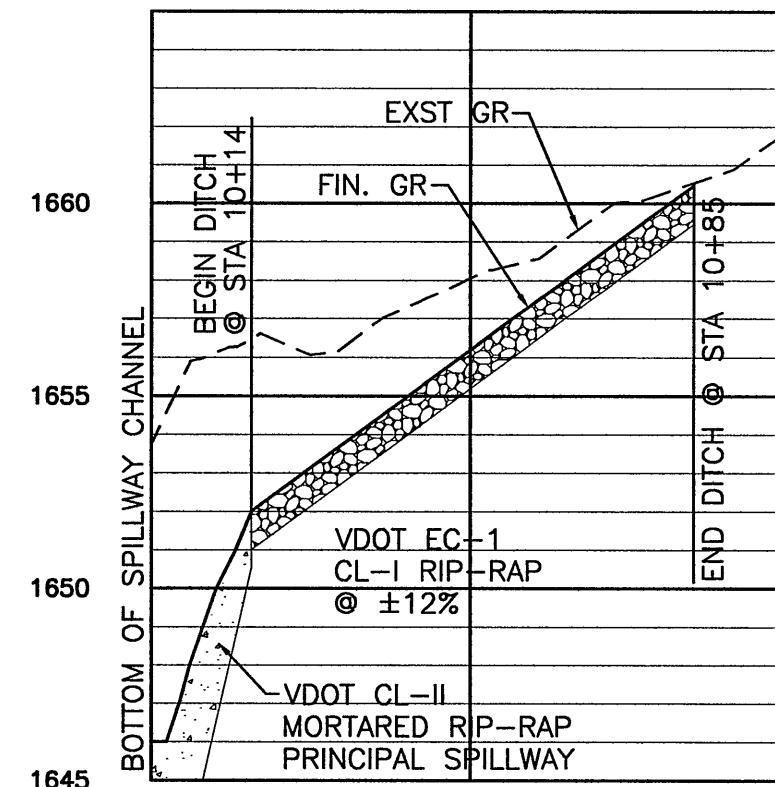
SCALE: HORIZONTAL 1"=30'
VERTICAL 1"=5'
NOTE: GRADE MAY VARY IN THE FIELD, DEPENDING ON THE ACTUAL BORROW AREA DEVELOPMENT.

STORMWATER CONVEYANCE CHANNEL (SCC) TABLE				
IDENTIFICATION	SCC-1	SCC-2	SCC-3	SCC-4
BOTTOM WIDTH, B (FT)	0	0	1	0
LINING DEPTH, D (FT)	1	3	1	2
SIDE SLOPES Z=	3	3	2	3
LINING MATERIAL	VDOT EC-3, TYPE A (MATTING)	VDOT EC-1, CL-1 RIP-RAP	VDOT PG-5, (CONCRETE DITCH)	VDOT EC-1, CL-1 RIP-RAP



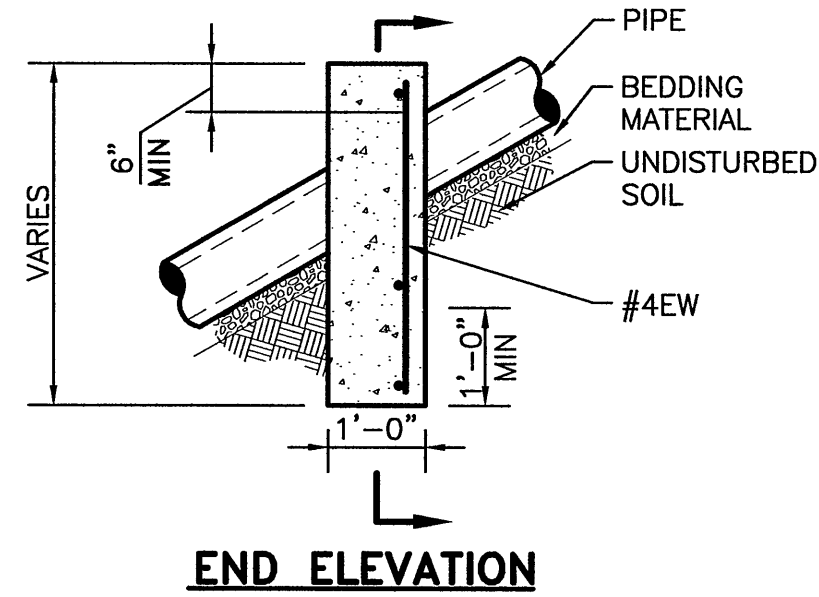
STORMWATER CONVEYANCE CHANNEL SCC-1

SCALE: HORIZONTAL 1"=30'
VERTICAL 1"=5'



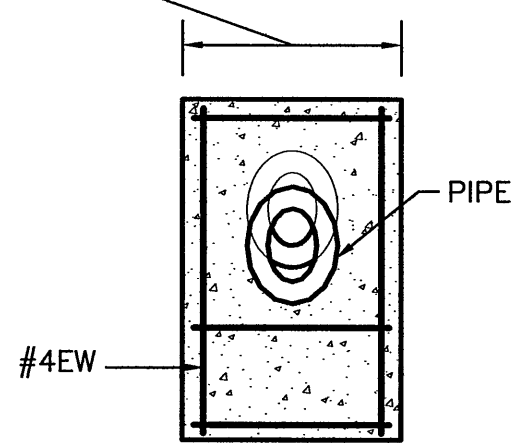
STORMWATER CONVEYANCE CHANNEL SCC-2

SCALE: HORIZONTAL 1"=30'
VERTICAL 1"=5'



END ELEVATION

STD TRENCH WIDTH
SEE PIPE TRENCH DET

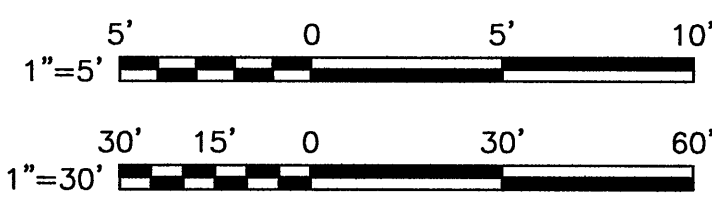


SECTION

CONCRETE ANCHOR SPACING	
PIPE SLOPE-FT/100FT	DISTANCE C TO C
20 TO 35	36 FEET MAX
35 TO 50	24 FEET MAX
50 OR GREATER	16 FEET MAX

PIPE ANCHOR

NO SCALE



GRAPHIC SCALES

HSMM | AECOM

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SEALS



CONSULTANT



FALLING CREEK DAM RENOVATION

WESTERN VIRGINIA WATER AUTHORITY

BEDFORD COUNTY, VIRGINIA

REV	DATE	DESCRIPTION	APP

PROJECT NO: 61034	PROJECT PH: REGULATORY REVIEW
ISSUE DATE: JANUARY 12, 2009	DESIGNED BY: DMH
DRAWN BY: REH	CHECKED BY: CGH
SUBMITTED BY: DMH	

CIVIL

STORM PIPING AND DRAINAGE PROFILES

CS204