

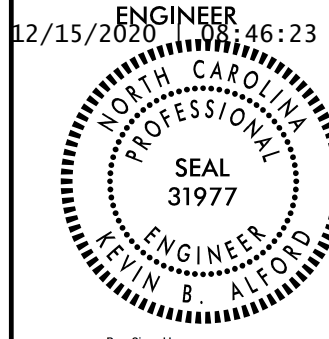
DRAINAGE DETAILS

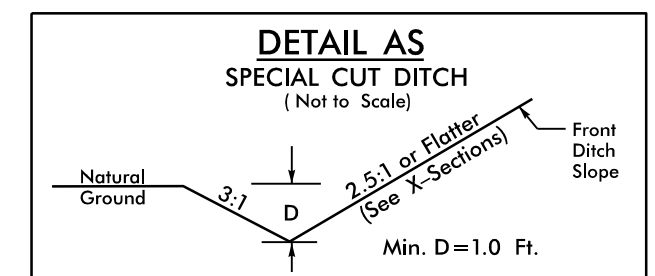
(NOT TO SCALE)

WETHERILL ENGINEERING
 1223 Jones Franklin Rd.
 Raleigh, N.C. 27606
 License No. F-0377
 Bus: 919 851 8077
 Fax: 919 851 8107

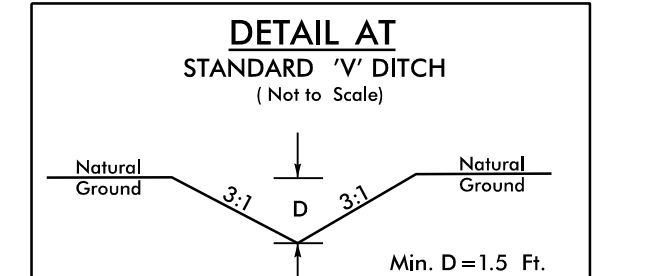
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

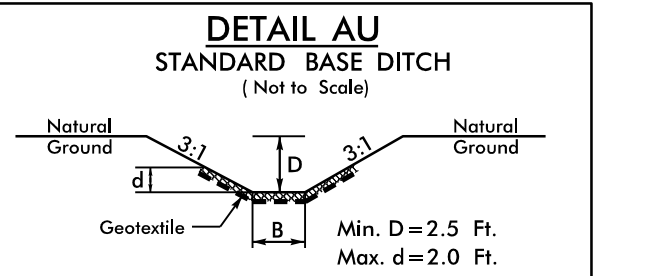
PROJECT REFERENCE NO. W-5600	SHEET NO. 2D-2
RW SHEET NO.	
HYDRAULICS ENGINEER 12/15/2020 16:23 PST	
	



FROM STA 28+62 TO STA 31+23 -SR1- LT
 FROM STA 41+65 TO STA 44+70 -SR1- LT
 FROM STA 56+85 TO STA 58+98 -SR1- LT
 FROM STA 19+67.99 -Y7- LT TO STA 10+50 -SR4- LT
 FROM STA 11+00 TO STA 13+00 -SR5- RT
 FROM STA 11+00 TO STA 12+00 -DR3- RT
 FROM STA 11+00 TO STA 12+00 -DR3- LT

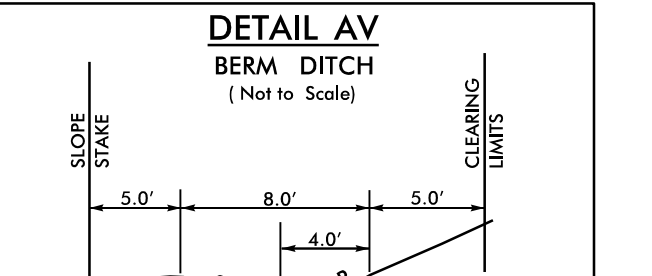


FROM STA 277+50 TO STA 278+10 -L- RT
 FROM STA 10+95 -DR1- LT TO STA 93+50 -SR2- RT
 AT STA 11+50 -DR1- LT



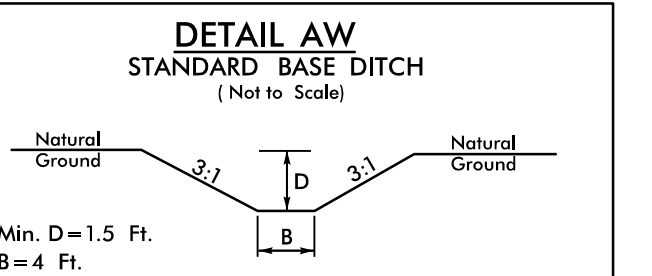
FROM STA 168+75 TO STA 170+00 -L- RT
 FROM STA 173+00 TO STA 174+50 -L- RT
 AT STA 18+79 -Y7RPA- LT

Type of Liner = Class B Rip-Rap

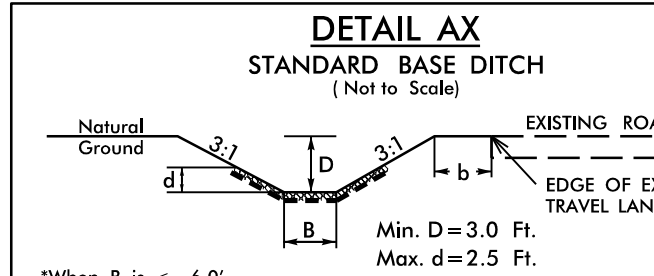


FROM STA 10+40 TO STA 11+02 -Y7RPA- RT.
 FROM STA 11+54 TO STA 12+24 -Y7RPA- RT.
 FROM STA 13+32 TO STA 14+67 -Y7RPA- RT.

Type of Liner = Class B Rip-Rap

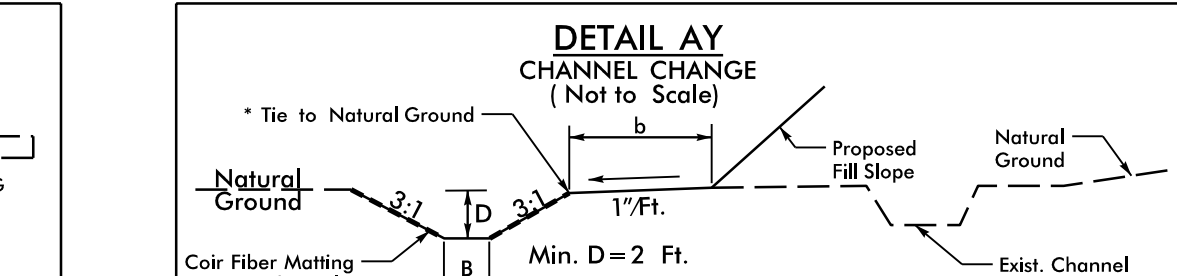


FROM STA 201+26 TO STA 201+71 -L- LT



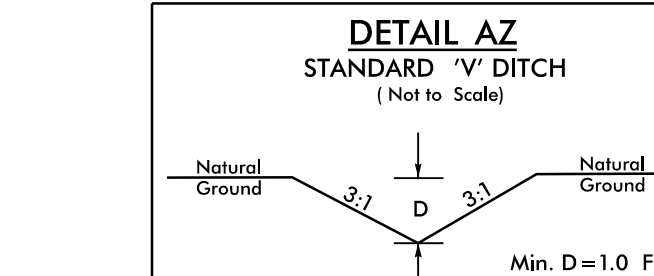
FROM STA 13+80 TO STA 17+20 -WBL- LT.

Type of Liner = CLASS B RIP RAP

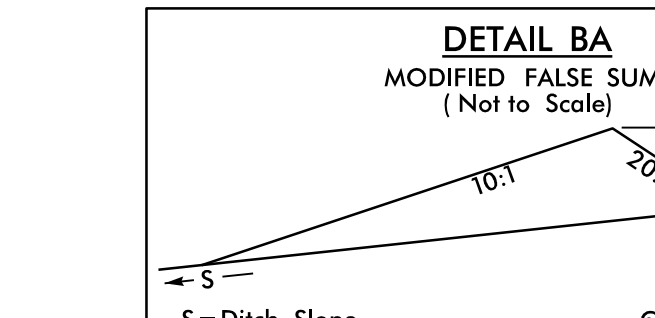


FROM STA 197+94 (171.0' RT) TO STA 201+05 (145.6' RT) -L-

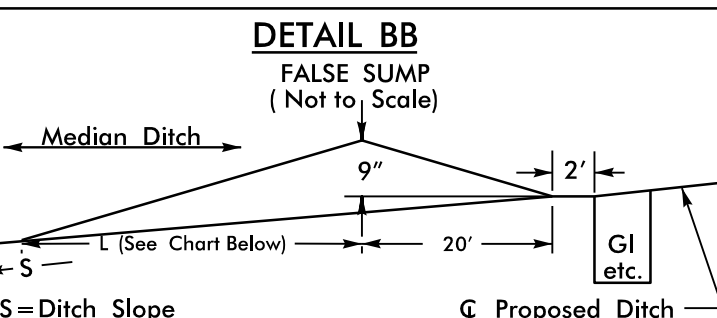
Type of Liner = Coir Fiber Matting



FROM STA 54+07 TO STA 54+40 -SR7- LT

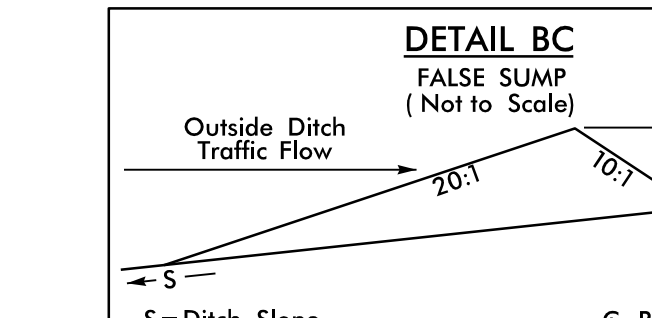


AT STA 253+42 -L- RT



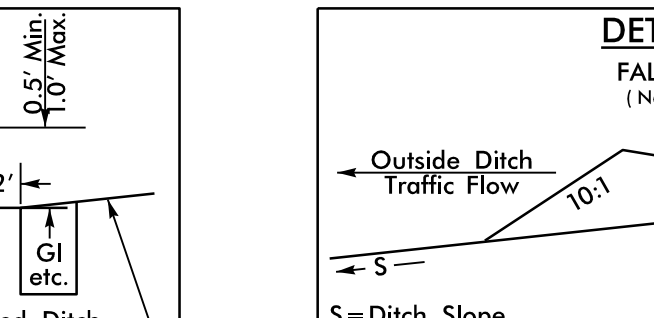
Ditch Grade	L	Ditch Grade	L
0.0% To 2.0%	20'	Over 4.0% To 6.0%	40'
Over 2.0% To 4.0%	30'	Over 6.0%	50'

- STA. 21+10 -L- MED
- STA. 32+35 -L- MED
- STA. 36+40 -L- MED
- STA. 40+65 -L- MED
- STA. 48+10 -L- MED
- STA. 51+50 -L- MED
- STA. 62+45 -L- MED
- STA. 68+15 -L- MED
- STA. 73+15 -L- MED
- STA. 95+65 -L- MED
- STA. 99+50 -L- MED
- STA. 102+50 -L- MED
- STA. 109+90 -L- MED
- STA. 114+40 -L- MED
- STA. 118+55 -L- MED
- STA. 124+55 -L- MED
- STA. 129+55 -L- MED
- STA. 134+60 -L- MED
- STA. 139+65 -L- MED
- STA. 144+70 -L- MED
- STA. 147+75 -L- MED
- STA. 151+05 -L- MED
- STA. 153+80 -L- MED



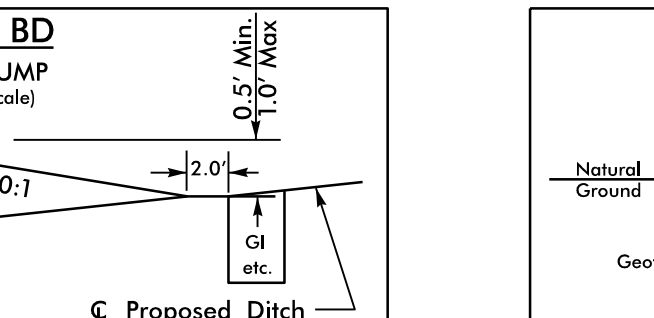
Ditch Grade	L	Ditch Grade	L
0.0% To 2.0%	20'	Over 4.0% To 6.0%	40'
Over 2.0% To 4.0%	30'	Over 6.0%	50'

- STA. 62+50 -L- LT
- STA. 68+15 -L- LT
- STA. 10+70 -Y7LPA- LT
- STA. 11+85 -Y9RPC- RT
- STA. 14+30 -Y9RPC- RT
- STA. 17+25 -Y9RPC- RT
- STA. 22+15 -Y9RPC- RT
- STA. 44+45 -SR2- RT
- STA. 13+55 -SR4- LT
- STA. 15+50 -SR4- LT
- STA. 16+65 -SR4- LT

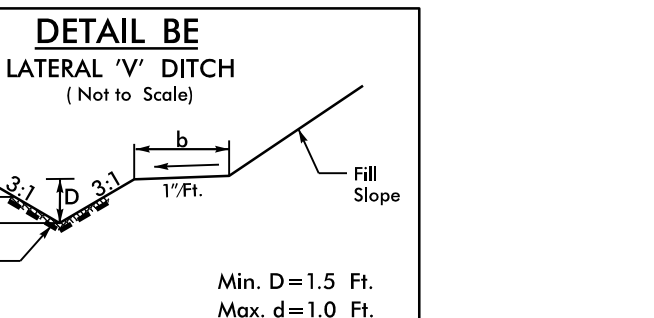


Ditch Grade	L	Ditch Grade	L
0.0% To 2.0%	20'	Over 4.0% To 6.0%	40'
Over 2.0% To 4.0%	30'	Over 6.0%	50'

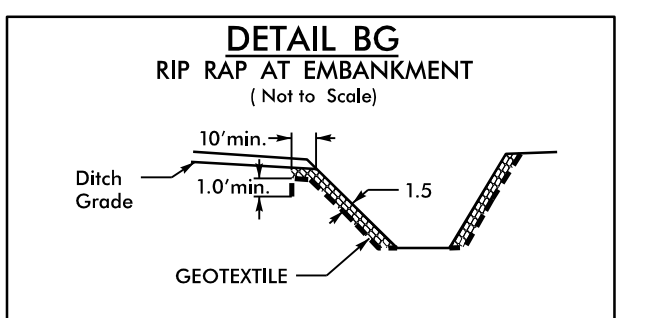
- STA. 62+55 -L- RT
- STA. 148+15 -L- RT
- STA. 230+15 -L- RT
- STA. 13+10 -Y7LPA- RT
- STA. 16+40 -Y7LPA- RT
- STA. 11+65 -Y7RPA- RT
- STA. 14+90 -Y7RPA- RT
- STA. 18+05 -Y7RPC- RT
- STA. 21+65 -Y9RPC- LT
- STA. 22+90 -Y9RPC- LT
- STA. 22+90 -Y9RPC- RT
- STA. 12+85 -Y9RPC- LT
- STA. 34+26 -SR2- RT
- STA. 60+65 -SR2- RT
- STA. 65+55 -SR2- RT
- STA. 16+65 -SR4- RT



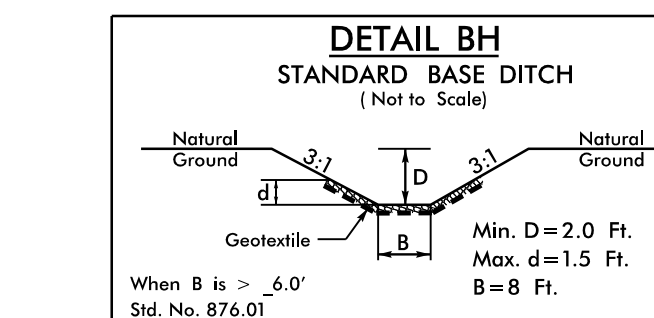
FROM STA 24+00 TO STA 25+50 -Y7- RT



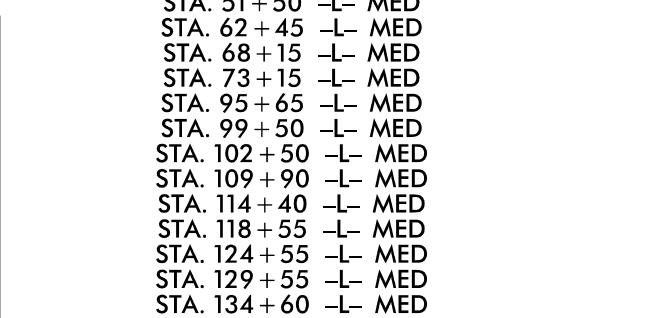
FROM STA 25+50 TO STA 25+64 -Y7- RT



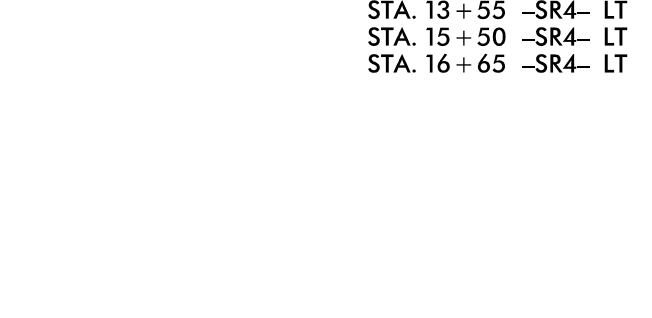
FROM STA 198+00 (175' RT) -L-



FROM STA 29+32 TO STA 29+94 -Y7- LT



FROM STA 250+61 TO STA 252+00 -L- RT
 FROM STA 252+00 TO STA 254+00 -L- LT
 FROM STA 17+53 TO STA 18+53 -Y9RPA- LT
 FROM STA 22+17 TO STA 25+50 -Y9RPA- LT
 FROM STA 20+79 TO STA 24+89 -Y9RPC- LT
 FROM STA 22+00 TO STA 24+00 -Y9RPC- RT



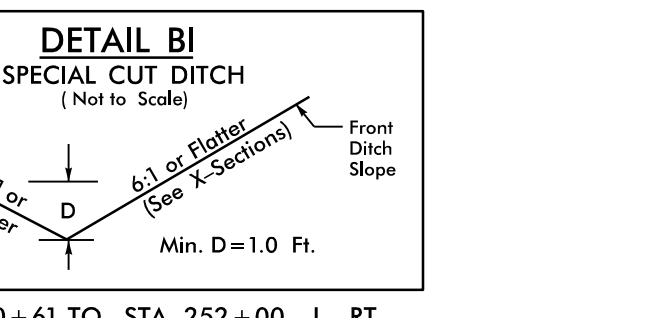
FROM STA 174+50 TO STA 174+86 -L- RT



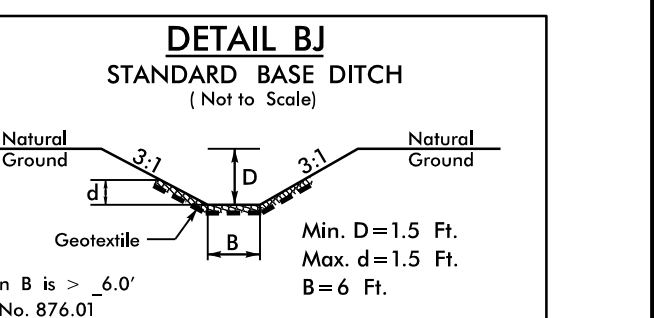
FROM STA 170+00 TO STA 173+00 -L- RT



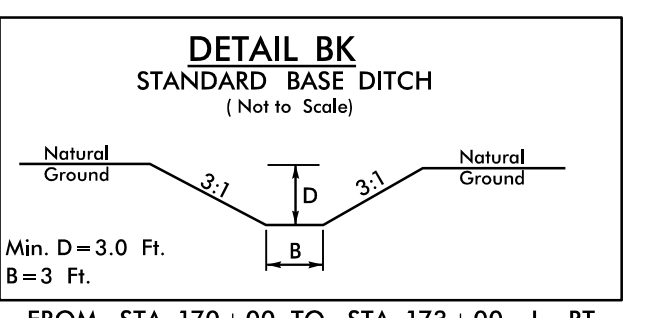
AT STA 168+80 -L- RT



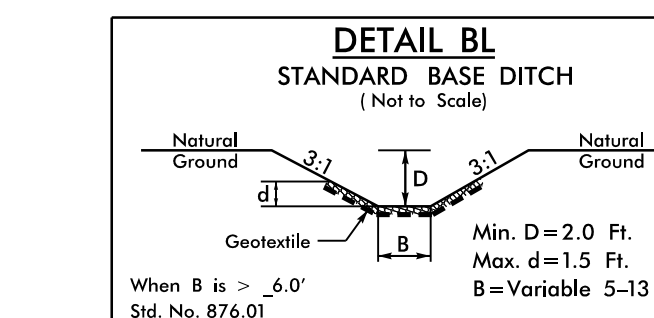
AT STA 168+80 -L- RT



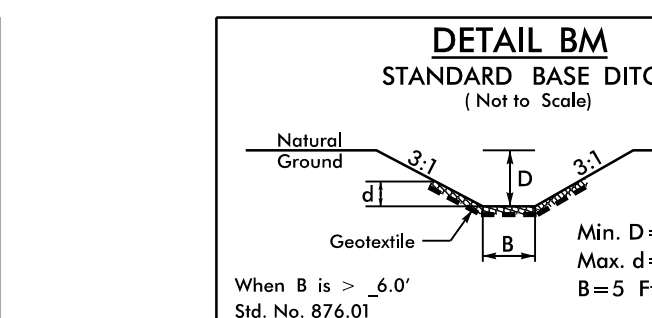
FROM STA 56+00 TO STA 57+50 -L- LT
 FROM STA 58+50 TO STA 61+00 -L- LT



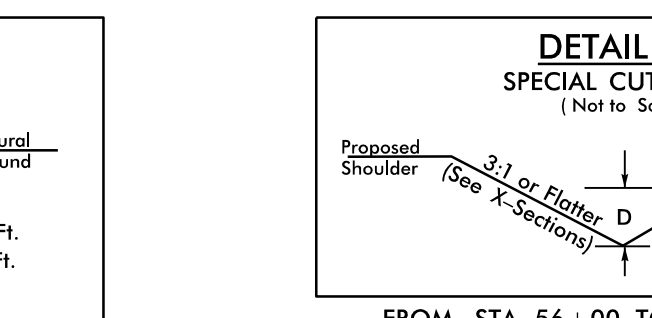
FROM STA 252+09.08 TO STA 254+50 -L- RT



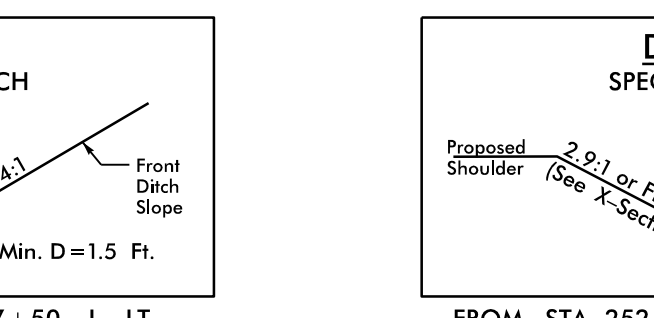
FROM STA 10+00 TO STA 11+49 -Y7LPA- LT



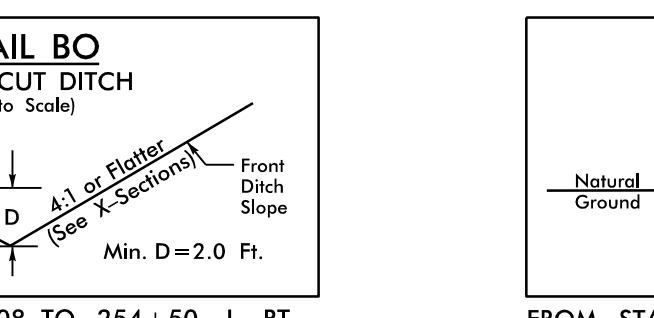
FROM STA 15+52 TO STA 16+52 -Y9RPA- LT



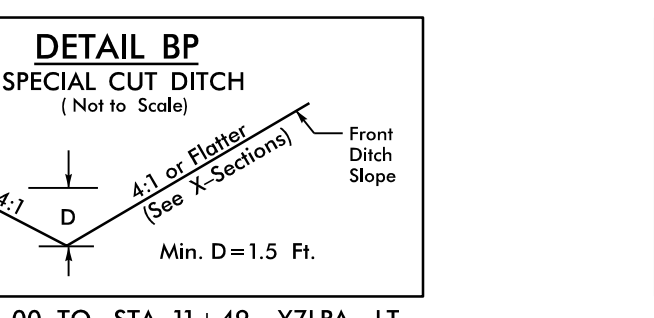
FROM STA 12+01 TO STA 16+05 -Y9RPB- LT



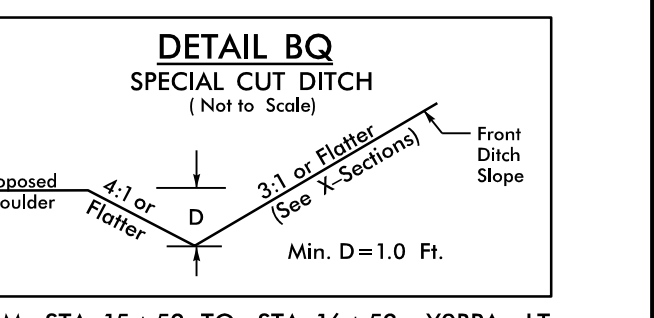
FROM STA 10+00 TO STA 11+48.78 -Y9RPC- RT



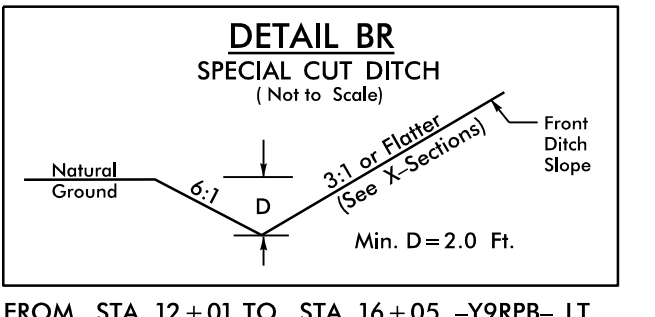
FROM STA 261+34 TO STA 262+00 -L- RT
 FROM STA 22+19 TO STA 24+69 -SR1- LT



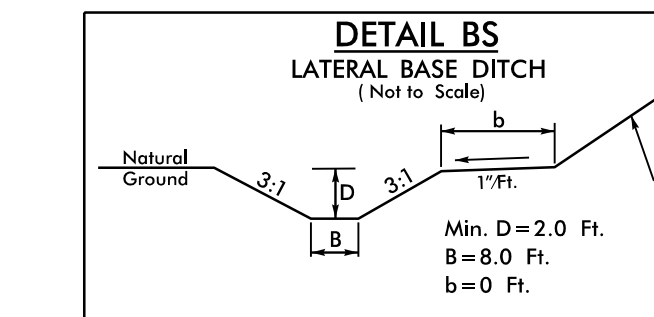
FROM STA 11+50 TO STA 13+80 -Y4- RT
 FROM STA 23+00 TO STA 25+50 -Y9- RT
 FROM STA 58+98 TO STA 62+60 -SR1- LT
 FROM STA 48+88 TO STA 45+18 -SR2- RT
 FROM STA 63+98 TO STA 65+45 -SR2- RT
 FROM STA 80+70 TO STA 84+67 -SR2- RT
 FROM STA 92+99 TO STA 97+30 -SR2- LT
 FROM STA 96+87 -SR2- RT TO STA 18+20 -Y5- RT
 FROM STA 10+40 -SR3- RT TO STA 17+50 -Y5- LT
 FROM STA 10+02 TO STA 13+50 -SR3- LT
 FROM STA 56+50 TO STA 63+00 -SR3- RT
 FROM STA 31+00 TO STA 40+49 -SR6- RT
 FROM STA 47+30 TO STA 49+40 -SR6- RT
 FROM STA 14+13 TO STA 17+00 -SR7- LT
 FROM STA 23+00 TO STA 27+00 -SR7- RT
 FROM STA 29+00 TO STA 31+00 -SR7- RT
 FROM STA 56+60 TO STA 57+57 -SR7- LT
 FROM STA 70+96 TO STA 72+40 -SR7- RT



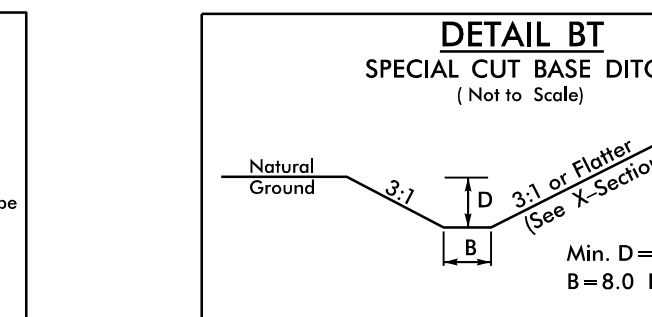
FROM STA 35+50 TO STA 37+44 -SR7- LT.



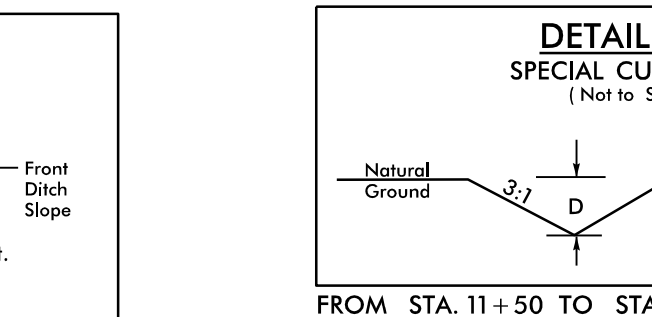
FROM STA 31+50 TO STA 35+50 -SR7- RT



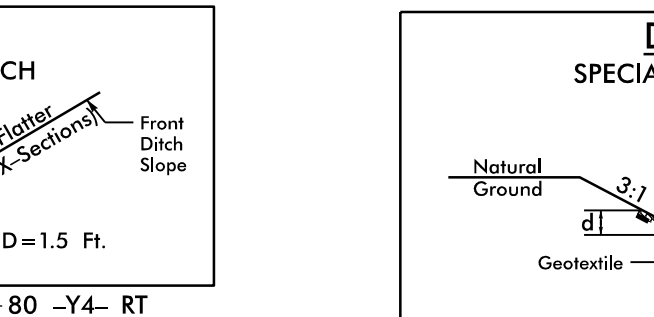
FROM STA 47+57 TO STA 51+07 -SR7- LT



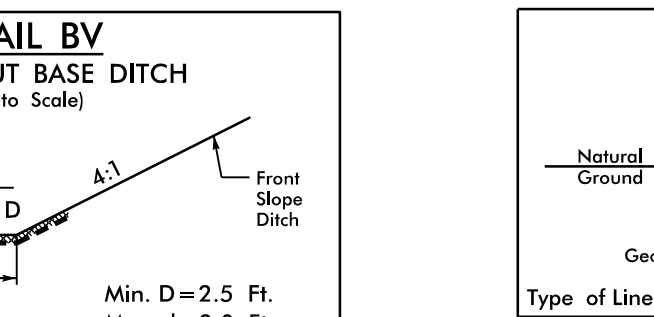
FROM STA 55+57 TO STA 56+60 -SR7- LT



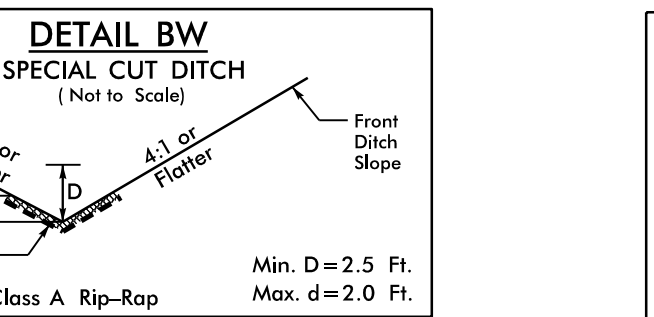
FROM STA 54+42 TO STA 55+57 -SR7- LT



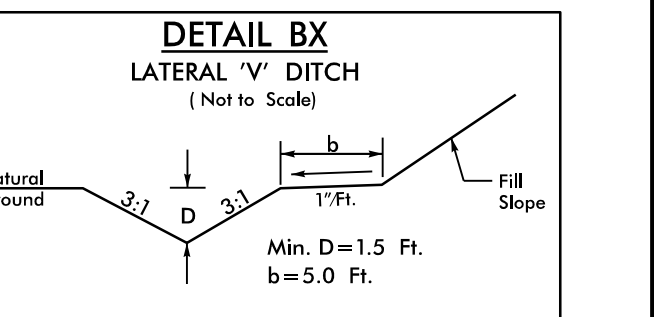
FROM STA 51+07 TO STA 54+07 -SR7- LT



FROM STA 54+18 TO STA 54+41 -SR7- LT



FROM STA 54+41 TO STA 54+52 -SR7- LT



AT STA 66+55 -SR1- RT

REVISIONS

12/14/2020 - cdy.psh_02D-D_rchDetail1.s.dgn