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Charlotte, NC 28202
NC License Number F-0991

PROJECT REFERENCE NO.	SHEET NO.
U-4751	2D-1
R/W SHEET NO.	

HYDRAULICS ENGINEER	HYDRAULICS ENGINEER
DocuSigned by: Edward J. Vance 8264F2B1B3DE494... NORTH CAROLINA PROFESSIONAL SEAL 029388 ENGINEER EDWARD J. VANCE 8/17/2017	DocuSigned by: Joshua G. Dalton 1089AD8C14994C3... NORTH CAROLINA PROFESSIONAL SEAL 26971 ENGINEER JOSHUA G. DALTON 8/10/2017

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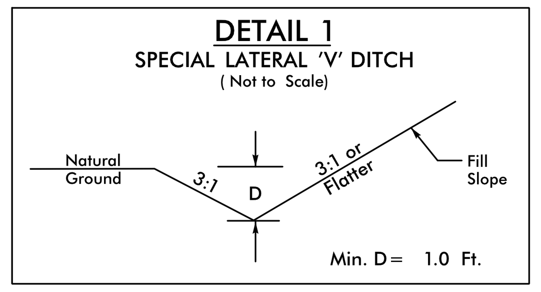
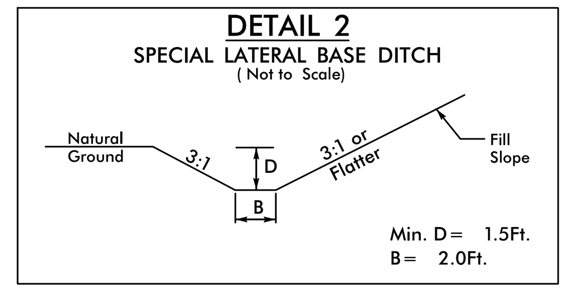
DETAIL 1
SPECIAL LATERAL 'V' DITCH
(Not to Scale)



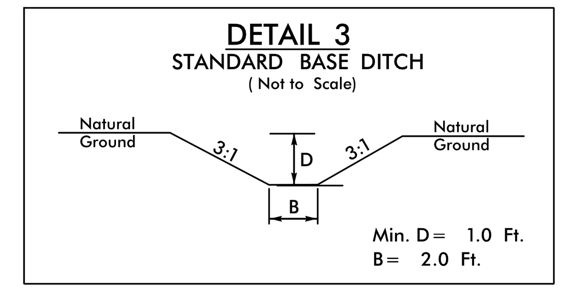
FROM STA. 17+70 TO STA. 19+60 –L– RT
FROM STA. 38+81 TO STA. 40+04 –L– LT
FROM STA. 36+98 TO STA. 38+07 –Y1– LT
FROM STA. 10+00 TO STA. 23+90 –Y1LPB– LT
FROM STA. 31+50 TO STA. 34+19 –Y1RPD– LT

DETAIL 2
SPECIAL LATERAL BASE DITCH
(Not to Scale)



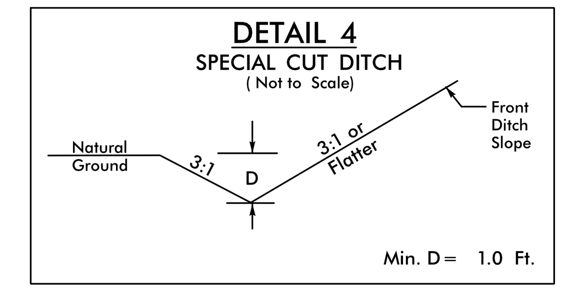
FROM STA. 11+76 TO STA. 16+88 –L– RT

DETAIL 3
STANDARD BASE DITCH
(Not to Scale)



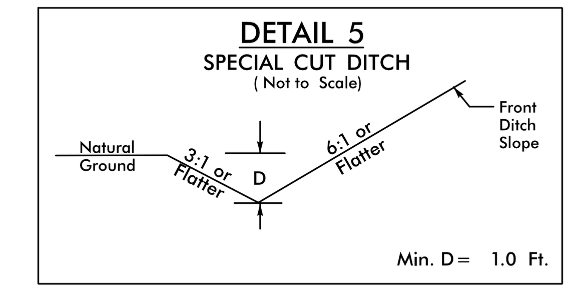
FROM STA. 10+00 TO STA. 19+10.00 –TD1–

DETAIL 4
SPECIAL CUT DITCH
(Not to Scale)



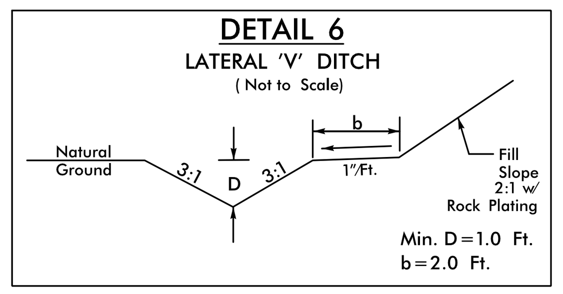
FROM STA. 11+30 TO STA. 15+50 –SR1– LT
FROM STA. 11+30 TO STA. 18+19 –SR1– RT
FROM STA. 17+50 TO STA. 18+50 –SR1– LT
FROM STA. 81+00 TO STA. 84+50 –Y1– LT

DETAIL 5
SPECIAL CUT DITCH
(Not to Scale)



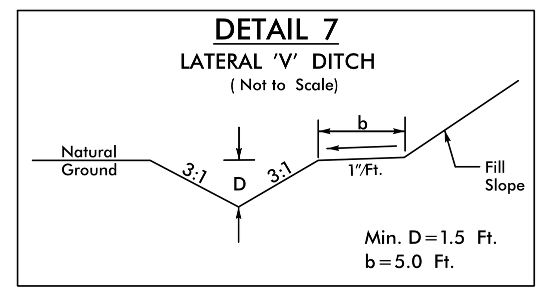
FROM STA. 12+18 TO STA. 14+50 –Y1RPA– LT
FROM STA. 14+50 TO STA. 20+39 –Y1RPA– RT
FROM STA. 14+50 TO STA. 21+89 –Y1RPA– LT
FROM STA. 28+50 TO STA. 32+12 –Y1RPB– RT
FROM STA. 16+00 TO STA. 31+50 –Y1RPD– LT

DETAIL 6
LATERAL 'V' DITCH
(Not to Scale)



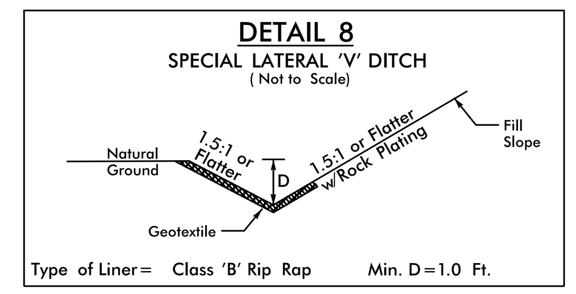
FROM STA. 97+85 TO STA. 102+00 –L– LT

DETAIL 7
LATERAL 'V' DITCH
(Not to Scale)



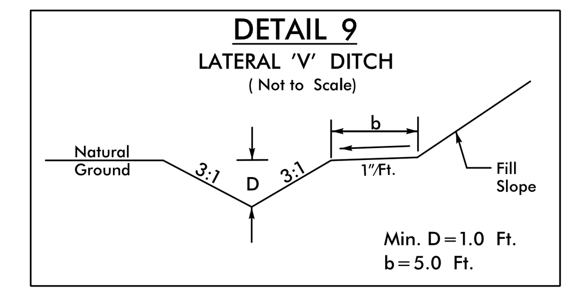
FROM STA. 97+00 TO STA. 98+05 –L– RT
FROM STA. 100+30 TO STA. 101+50 –L– RT
FROM STA. 199+45 TO STA. 205+75 –L– LT

DETAIL 8
SPECIAL LATERAL 'V' DITCH
(Not to Scale)



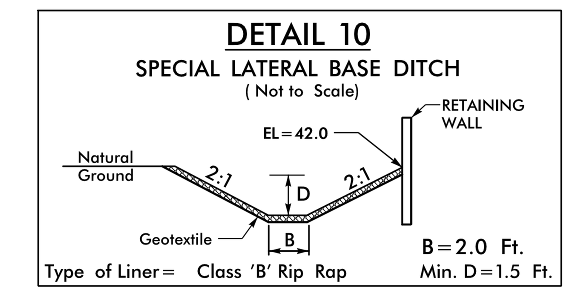
FROM STA. 93+15 TO STA. 97+80 –L– LT

DETAIL 9
LATERAL 'V' DITCH
(Not to Scale)



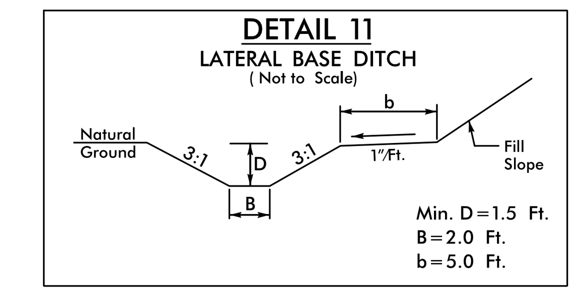
FROM STA. 98+10 TO STA. 99+25 –L– RT
FROM STA. 13+25 TO STA. 14+20 –Y4– RT

DETAIL 10
SPECIAL LATERAL BASE DITCH
(Not to Scale)



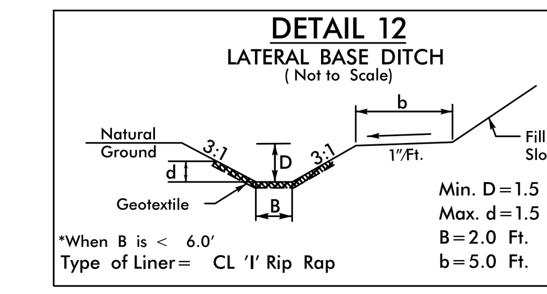
FROM STA. 128+50 TO STA. 135+50 –L– LT

DETAIL 11
LATERAL BASE DITCH
(Not to Scale)



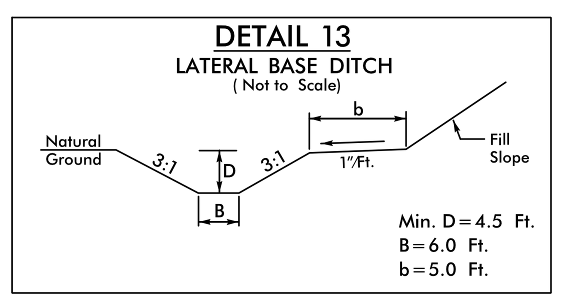
FROM STA. 108+91 TO STA. 110+35 –L– LT
FROM STA. 117+50 TO STA. 119+50 –L– RT
FROM STA. 126+40 TO STA. 127+60 –L– LT

DETAIL 12
LATERAL BASE DITCH
(Not to Scale)



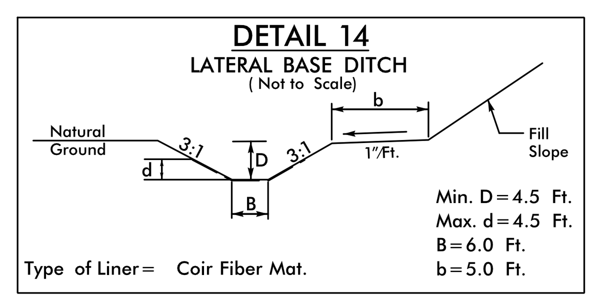
FROM STA. 117+15 TO STA. 117+50 –L– RT

DETAIL 13
LATERAL BASE DITCH
(Not to Scale)



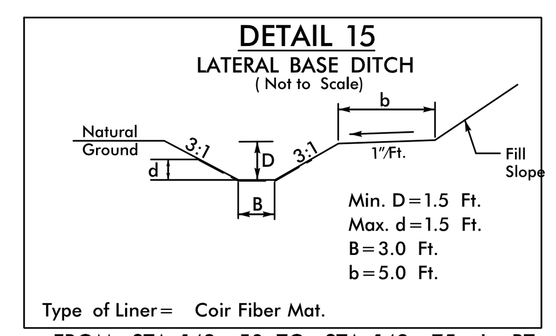
FROM STA. 129+00 TO STA. 136+50 –L– RT

DETAIL 14
LATERAL BASE DITCH
(Not to Scale)



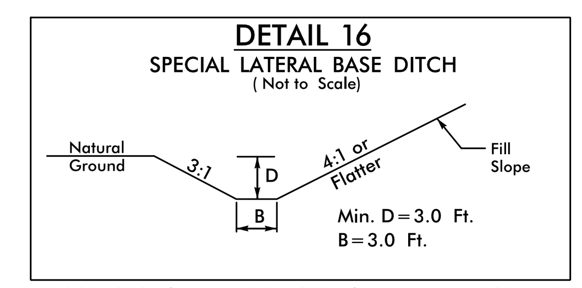
FROM STA. 136+50 TO STA. 138+00 –L– RT

DETAIL 15
LATERAL BASE DITCH
(Not to Scale)



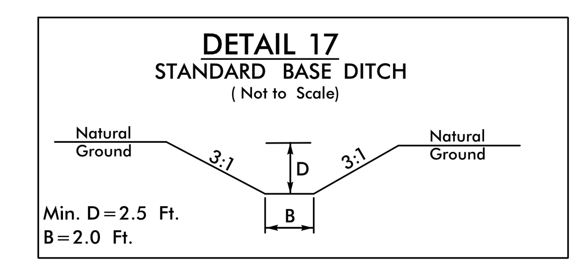
FROM STA. 142+50 TO STA. 143+75 –L– RT
FROM STA. 149+25 TO STA. 150+25 –L– RT

DETAIL 16
SPECIAL LATERAL BASE DITCH
(Not to Scale)



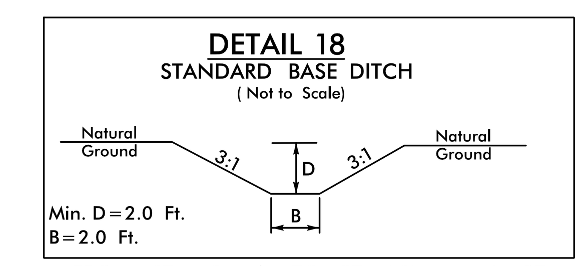
FROM STA. 60+25 TO STA. 61+50 –Y8RPCA– RT

DETAIL 17
STANDARD BASE DITCH
(Not to Scale)



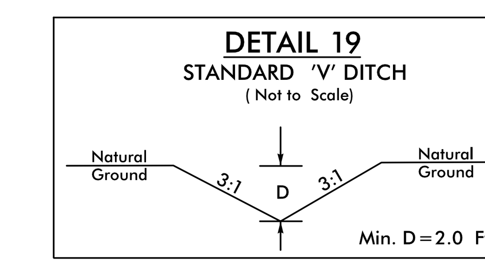
FROM STA. 213+25 TO STA. 213+60 –L– RT

DETAIL 18
STANDARD BASE DITCH
(Not to Scale)



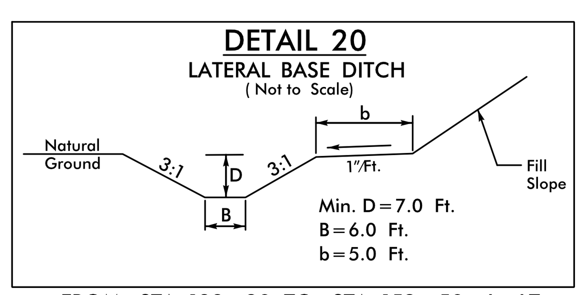
FROM STA. 101+65 TO STA. 101+75 –L– RT

DETAIL 19
STANDARD 'V' DITCH
(Not to Scale)



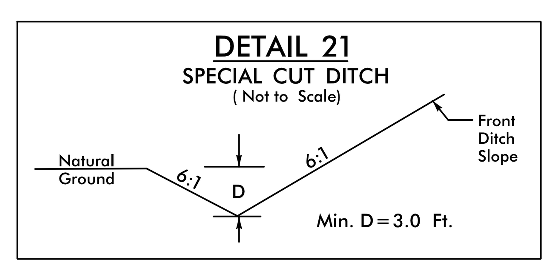
FROM STA. 108+05 TO STA. 108+75 –L– LT
FROM STA. 12+00 TO STA. 19+50 –Y8LPB– LT
FROM STA. 22+40 TO STA. 22+55 –Y8LPB– LT

DETAIL 20
LATERAL BASE DITCH
(Not to Scale)



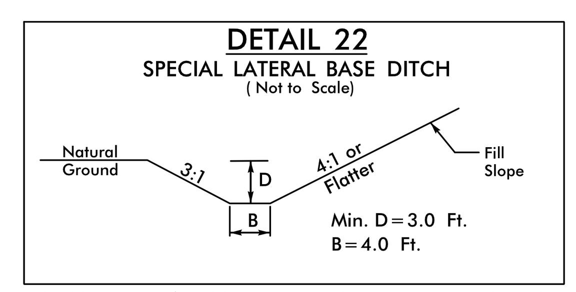
FROM STA. 139+20 TO STA. 152+50 –L– LT

DETAIL 21
SPECIAL CUT DITCH
(Not to Scale)



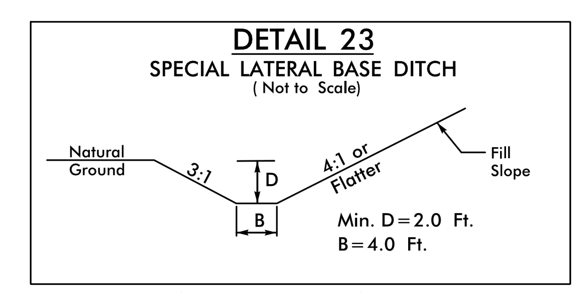
FROM STA. 62+00 TO STA. 66+55 –Y8RPDB– RT

DETAIL 22
SPECIAL LATERAL BASE DITCH
(Not to Scale)



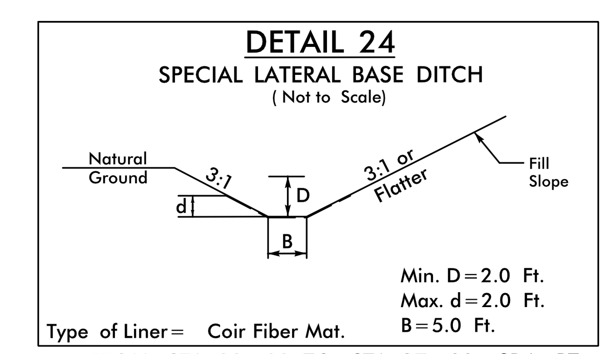
FROM STA. 46+75 TO STA. 52+00 –Y8RPDB– RT

DETAIL 23
SPECIAL LATERAL BASE DITCH
(Not to Scale)



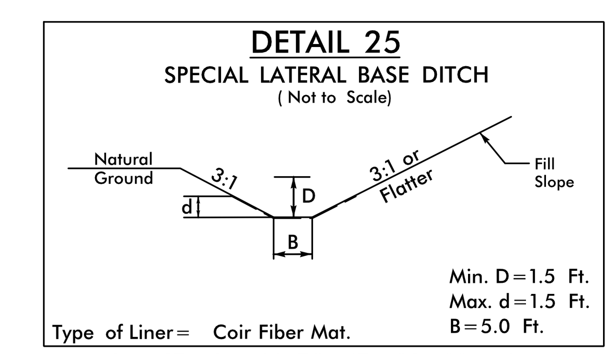
FROM STA. 61+00 TO STA. 64+15 –Y8RPDB– LT

DETAIL 24
SPECIAL LATERAL BASE DITCH
(Not to Scale)



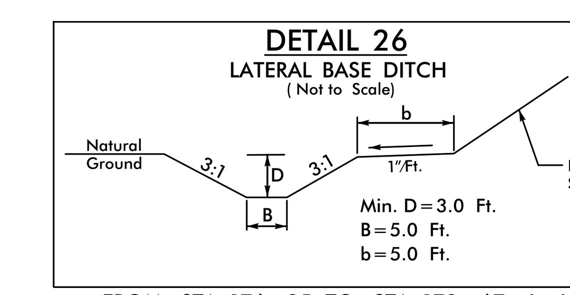
FROM STA. 23+00 TO STA. 27+00 –SR4– RT

DETAIL 25
SPECIAL LATERAL BASE DITCH
(Not to Scale)



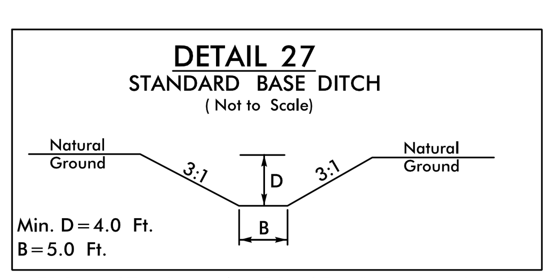
FROM STA. 27+00 TO STA. 30+00 –SR4– RT

DETAIL 26
LATERAL BASE DITCH
(Not to Scale)



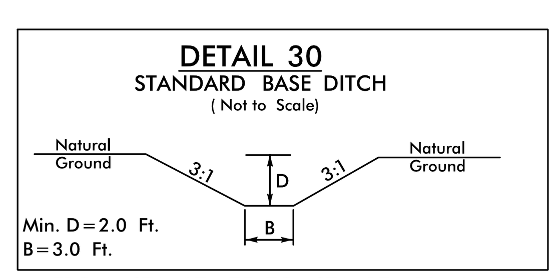
FROM STA. 176+25 TO STA. 178+67 –L– LT

DETAIL 27
STANDARD BASE DITCH
(Not to Scale)



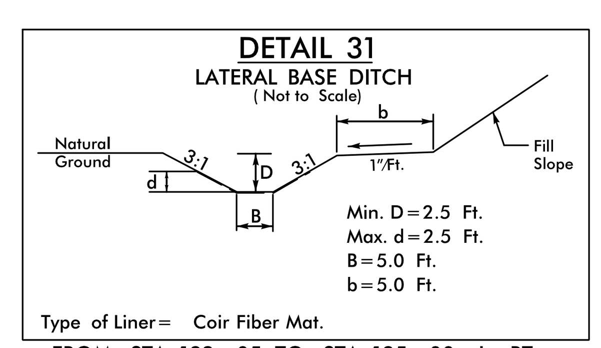
FROM STA. 214+67 TO STA. 215+07 –L– RT
FROM STA. 224+00 TO STA. 224+24 –L– RT

DETAIL 30
STANDARD BASE DITCH
(Not to Scale)



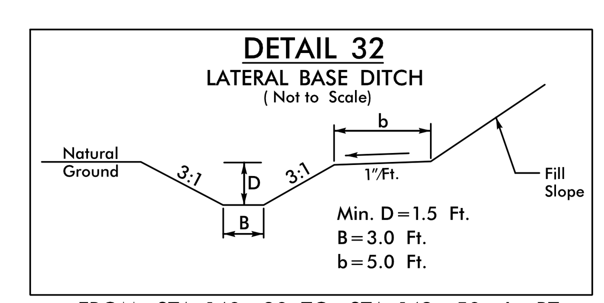
FROM STA. 97+75 TO STA. 97+90 –L– LT

DETAIL 31
LATERAL BASE DITCH
(Not to Scale)



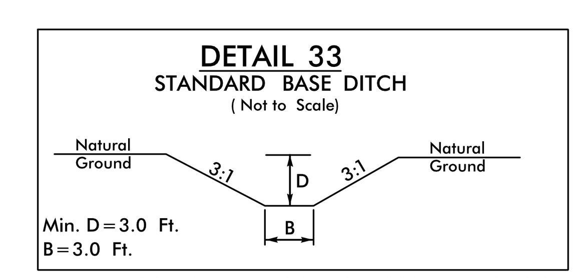
FROM STA. 182+05 TO STA. 185+00 –L– RT

DETAIL 32
LATERAL BASE DITCH
(Not to Scale)



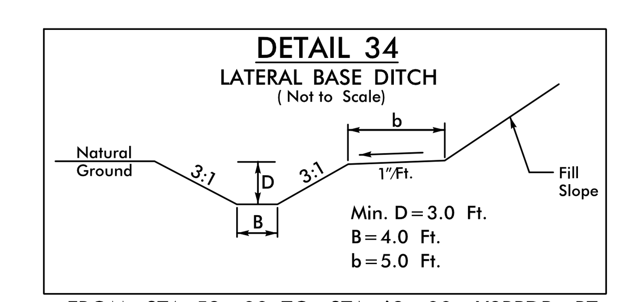
FROM STA. 140+30 TO STA. 142+50 –L– RT
FROM STA. 198+25 TO STA. 198+65 –L– RT

DETAIL 33
STANDARD BASE DITCH
(Not to Scale)



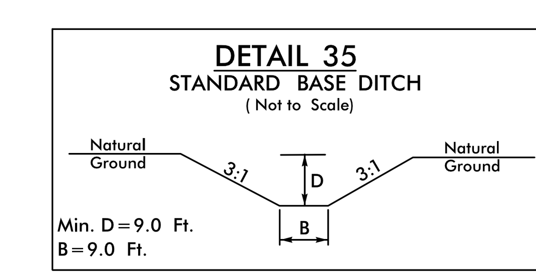
FROM STA. 228+00 TO STA. 230+50 –L– RT

DETAIL 34
LATERAL BASE DITCH
(Not to Scale)



FROM STA. 52+00 TO STA. 62+00 –Y8RPDB– RT

DETAIL 35
STANDARD BASE DITCH
(Not to Scale)



FROM STA. 118+00 TO STA. 118+35 –L– LT