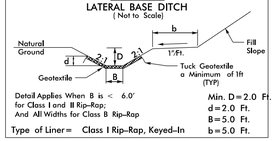
PROJECT REFERENCE NO.	SHEET NO.
U-6187	EC-3C/CONST.2D-1
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DRAINAGE DETAILS

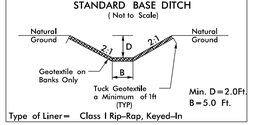
(NOT TO SCALE)

DETAIL 1
LATERAL BASE DITCH
(Not to Scale)



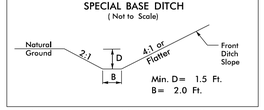
FROM STA. 14+92 TO STA. 19+32 -Y1- RT

DETAIL 2
STANDARD BASE DITCH
(Not to Scale)



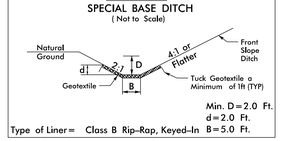
STA. 52+11 -Y2- LT
STA. 20+92 -RPD-LT

DETAIL 3
SPECIAL BASE DITCH
(Not to Scale)



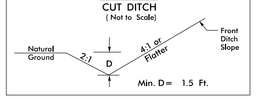
FROM STA. 11+50 TO STA. 13+61 -Y1- LT
FROM STA. 13+97 TO STA. 14+38 -Y1- LT
FROM STA. 22+94 TO STA. 25+52 -Y2- LT

DETAIL 4
SPECIAL BASE DITCH
(Not to Scale)



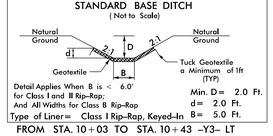
FROM STA. 14+85 TO STA. 16+43 -Y1- LT

DETAIL 5
CUT DITCH
(Not to Scale)



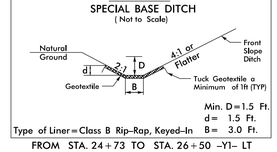
FROM STA. 14+00 TO STA. 14+57 -Y1- RT

DETAIL 6
STANDARD BASE DITCH
(Not to Scale)



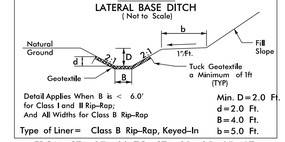
FROM STA. 10+03 TO STA. 10+43 -Y3- LT

DETAIL 7
SPECIAL BASE DITCH
(Not to Scale)



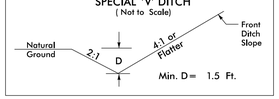
FROM STA. 24+73 TO STA. 26+50 -Y1- LT

DETAIL 8
LATERAL BASE DITCH
(Not to Scale)



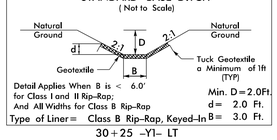
FROM STA. 27+66 TO STA. 30+25 -Y1- LT

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



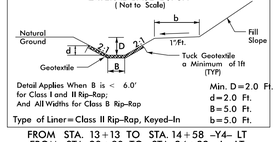
FROM STA. 25+75 TO STA. 26+86 -Y1- RT
FROM STA. 27+20 TO STA. 28+19 -Y1- RT
FROM STA. 20+26 TO STA. 21+59 -Y4- LT
FROM STA. 21+38 TO STA. 22+21 -Y4- RT

DETAIL 10
STANDARD BASE DITCH
(Not to Scale)



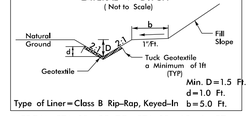
30+25 -Y1- LT

DETAIL 11
LATERAL BASE DITCH
(Not to Scale)



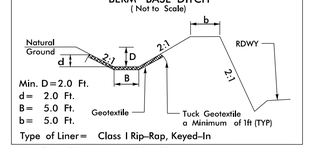
FROM STA. 13+13 TO STA. 14+58 -Y4- LT
FROM STA. 23+90 TO STA. 24+22 -L- LT
FROM STA. 29+01 TO STA. 31+90 -Y2- LT

DETAIL 12
LATERAL 'V' DITCH
(Not to Scale)



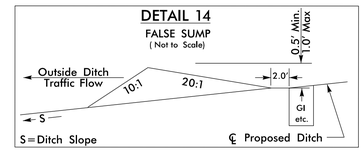
FROM STA. 18+00 TO STA. 18+60 -L- RT
FROM STA. 19+34 TO STA. 20+72 -L- LT
FROM STA. 10+49 TO STA. 10+95 -Y4- RT
FROM STA. 21+94 TO STA. 23+98 -RPD- RT

DETAIL 13
BERM BASE DITCH
(Not to Scale)

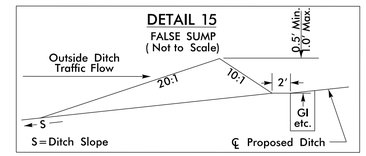


FROM STA. 14+18 TO STA. 27+02 -RPB- LT

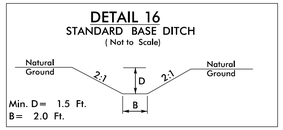
DETAIL 14
FALSE SUMP
(Not to Scale)



DETAIL 15
FALSE SUMP
(Not to Scale)

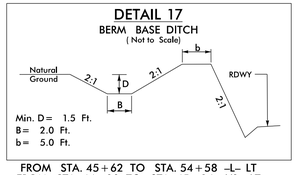


DETAIL 16
STANDARD BASE DITCH
(Not to Scale)



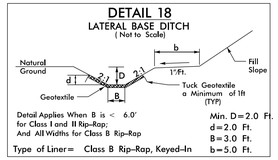
FROM STA. 10+90 TO STA. 13+45 -LPB- RT

DETAIL 17
BERM BASE DITCH
(Not to Scale)



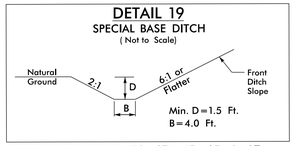
FROM STA. 45+62 TO STA. 54+58 -L- LT
FROM STA. 44+23 TO STA. 45+94 -Y2- LT
FROM STA. 47+28 TO STA. 49+01 -Y2- LT

DETAIL 18
LATERAL BASE DITCH
(Not to Scale)



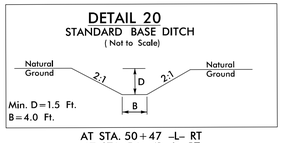
FROM STA. 50+98 TO STA. 51+92 -Y2- LT

DETAIL 19
SPECIAL BASE DITCH
(Not to Scale)



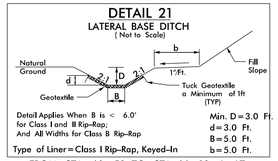
FROM STA. 31+00 TO STA. 45+65 -L- LT

DETAIL 20
STANDARD BASE DITCH
(Not to Scale)



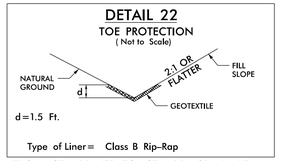
AT STA. 50+47 -L- RT
AT STA. 54+41 -L- RT

DETAIL 21
LATERAL BASE DITCH
(Not to Scale)



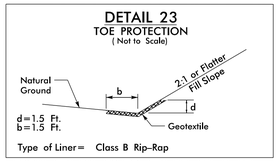
FROM STA. 60+52 TO STA. 66+19 -L- LT

DETAIL 22
TOE PROTECTION
(Not to Scale)



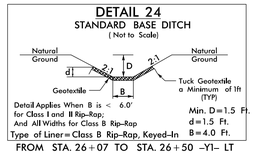
FROM STA. 20+73 TO STA. 22+60 -L- LT
FROM STA. 62+75 TO STA. 64+58 -L- RT

DETAIL 23
TOE PROTECTION
(Not to Scale)



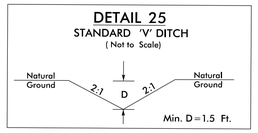
FROM STA. 24+30 TO STA. 25+83 -L- LT
FROM STA. 33+18 TO STA. 33+62 -L- RT
FROM STA. 66+39 TO STA. 66+98 -L- LT
FROM STA. 22+62 TO STA. 24+93 -RPC- RT

DETAIL 24
STANDARD BASE DITCH
(Not to Scale)



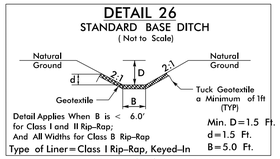
FROM STA. 26+07 TO STA. 26+50 -Y1- LT

DETAIL 25
STANDARD 'V' DITCH
(Not to Scale)



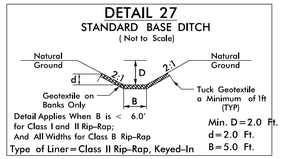
FROM STA. 23+87 TO STA. 26+31 -L- RT
FROM STA. 19+70 TO STA. 20+37 -RPD- RT
FROM STA. 33+50 TO STA. 34+28 -Y1- LT
FROM STA. 34+65 TO STA. 34+90 -Y1- LT
FROM STA. 35+28 TO STA. 37+35 -Y1- LT

DETAIL 26
STANDARD BASE DITCH
(Not to Scale)



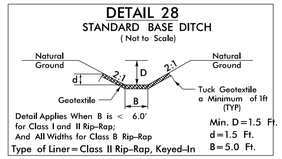
FROM STA. 18+80 TO STA. 20+09 -L- LT

DETAIL 27
STANDARD BASE DITCH
(Not to Scale)



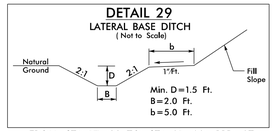
FROM STA. 13+01 TO STA. 13+13 -Y4- LT

DETAIL 28
STANDARD BASE DITCH
(Not to Scale)



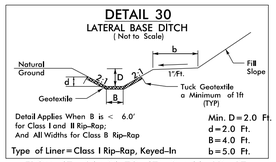
FROM STA. 24+22 TO STA. 24+90 -L- LT

DETAIL 29
LATERAL BASE DITCH
(Not to Scale)



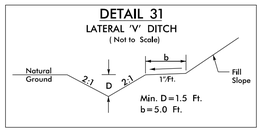
FROM STA. 17+99 TO STA. 21+02 -RPD- LT

DETAIL 30
LATERAL BASE DITCH
(Not to Scale)



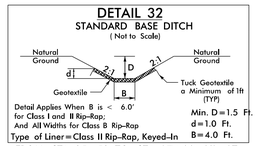
FROM STA. 26+06 TO STA. 31+66 -Y2- RT

DETAIL 31
LATERAL 'V' DITCH
(Not to Scale)



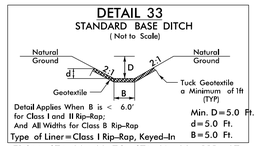
FROM STA. 19+58 TO STA. 24+52 -RPC- LT
FROM STA. 69+19 TO STA. 70+08 -L- LT
FROM STA. 20+37 TO STA. 21+94 -RPD- RT

DETAIL 32
STANDARD BASE DITCH
(Not to Scale)



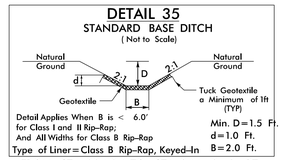
FROM STA. 25+52 TO STA. 27+38 -Y2- LT

DETAIL 33
STANDARD BASE DITCH
(Not to Scale)



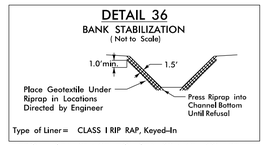
FROM STA. 20+92 TO STA. 21+29 -RPD- LT

DETAIL 35
STANDARD BASE DITCH
(Not to Scale)



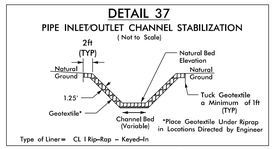
FROM STA. 23+87 TO STA. 24+53 -L- RT
FROM STA. 24+53 TO STA. 26+31 -L- RT
FROM STA. 21+94 TO STA. 22+57 -RPD- RT
FROM STA. 13+92 TO STA. 14+24 -Y4- RT

DETAIL 36
BANK STABILIZATION
(Not to Scale)



FROM STA. 31+85 TO STA. 32+45 -Y2- RT

DETAIL 37
PIPE INLET/OUTLET CHANNEL STABILIZATION
(Not to Scale)



STA. 12+93 -Y4- RT
STA. 21+79 -L- RT
STA. 22+09 -L- LT