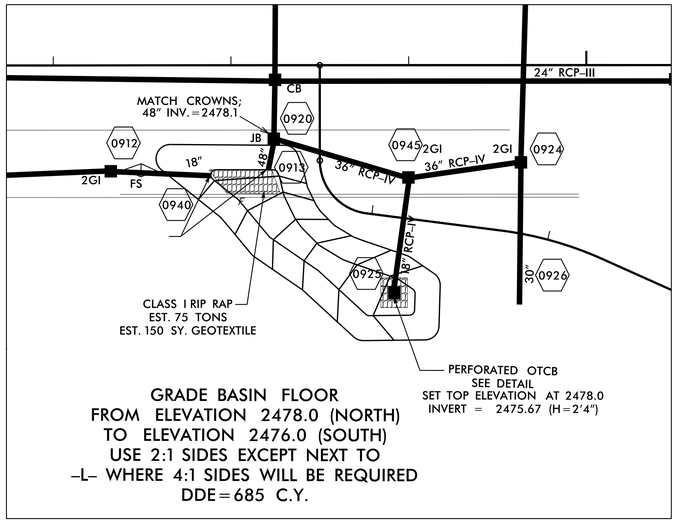
PROJECT REFERENCE NO.	SHEET NO.
R-2519B	2D-4
R/W SHEET NO.	

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 20329 ENGINEER AMY A. BILLINGS

DocuSigned by: Amy A. Billings 9/19/2014

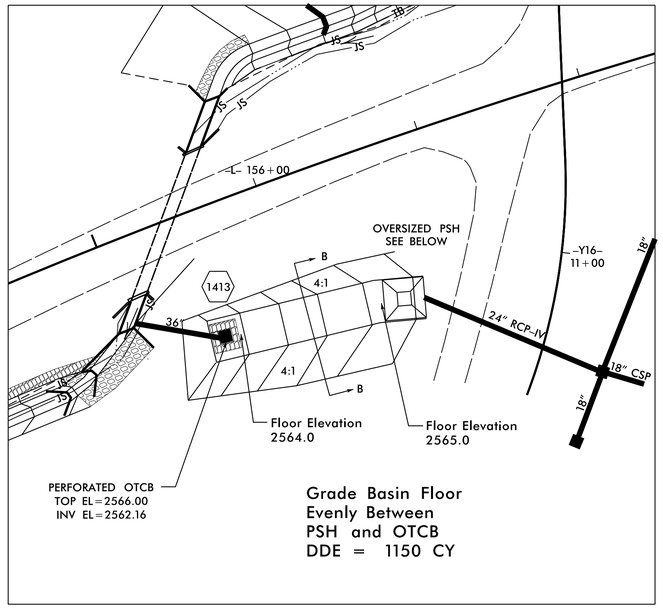
DETAIL 'X'
DRY DETENTION BASIN



GRADE BASIN FLOOR
FROM ELEVATION 2478.0 (NORTH)
TO ELEVATION 2476.0 (SOUTH)
USE 2:1 SIDES EXCEPT NEXT TO
–L– WHERE 4:1 SIDES WILL BE REQUIRED
DDE=685 C.Y.

FROM STA. 83+00 TO STA. 84+50 –L– RT

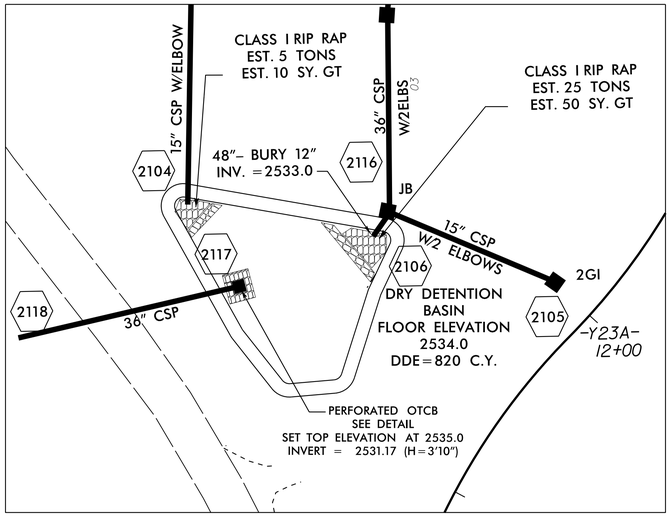
DETAIL 'CB'
DRY DETENTION BASIN



Grade Basin Floor
Evenly Between
PSH and OTCB
DDE = 1150 CY

FROM STA. 155+40 TO STA. 156+70 –L– RT

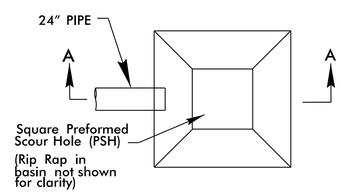
DETAIL 'V'
DRY DETENTION BASIN



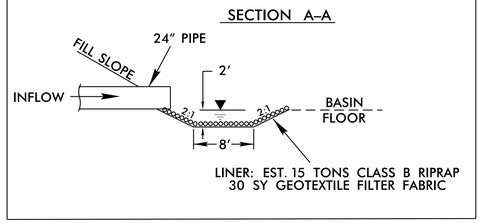
FROM STA. 250+75 TO STA. 252+01 –L– RT

OVERSIZED
PREFORMED SCOUR HOLE

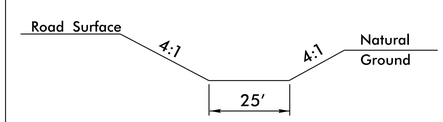
*NOT TO SCALE
PLAN VIEW



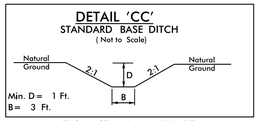
SECTION A–A



Section B–B
(Not to Scale)



DETAIL 'CC'
STANDARD BASE DITCH
(Not to Scale)



Min. D= 1 Ft.
B= 3 Ft.

FROM STA. 10+41 –Y9– RT.

8/17/99

17-SEP-2014 10:39
r:\hydraulics\projects\r2519b_det_ditches.dgn
$$$$USERNAME$$$$