PROJECT REFERENCE NO.	SHEET NO.
C-5621	EC-7/CONST.4

RS&H
8521 SIX FORKS ROAD, SUITE 400
RALEIGH, NC 27615
NC FIRM LICENSE No: F-0493

8/17/99

REVISIONS

DETAIL A
SPECIAL LATERAL BASE DITCH
(Not to Scale)

Min. D= 2.5 Ft.
Max. d= 1.7 Ft.
B= 1.0 Ft.

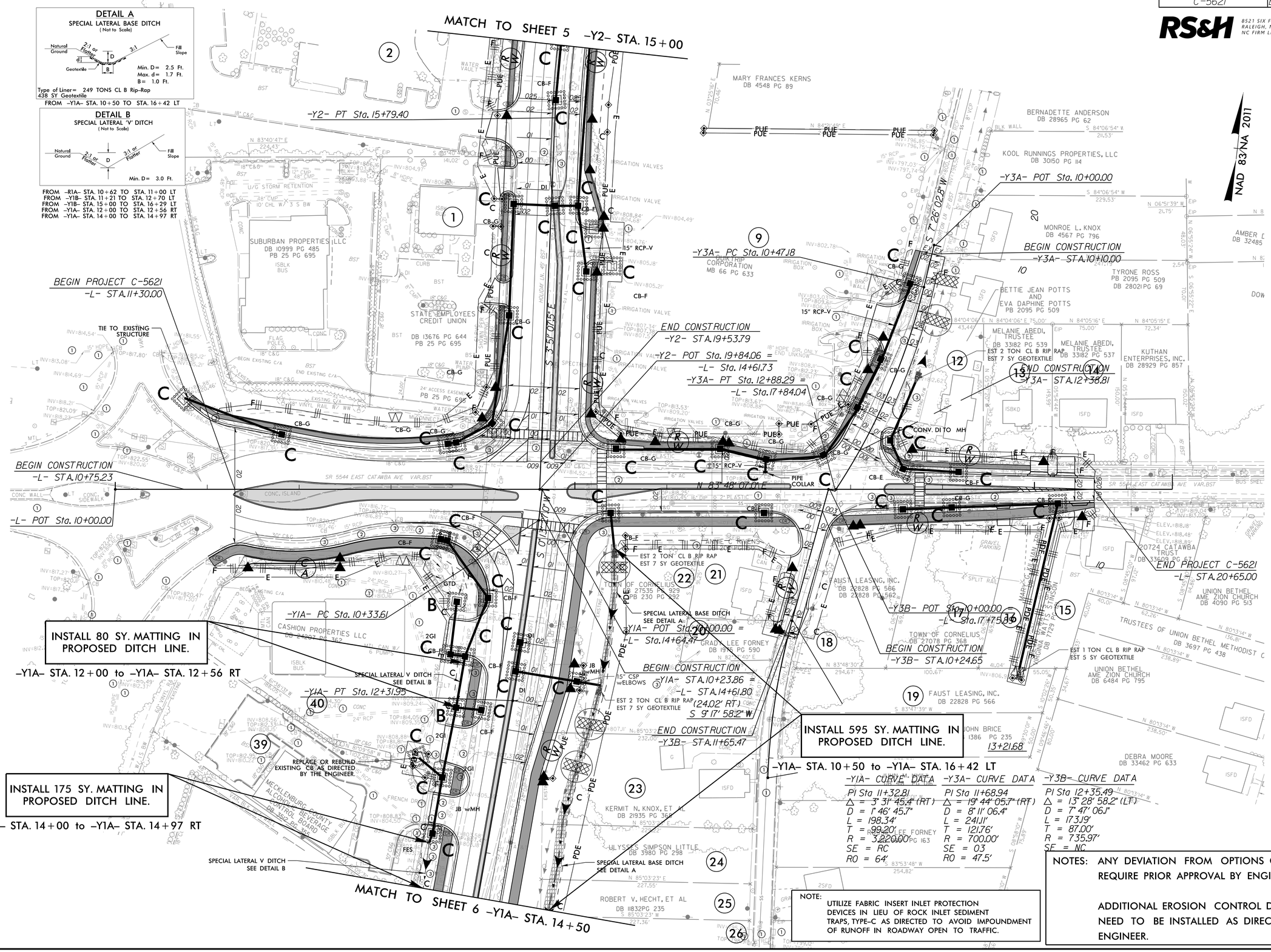
Type of Liner= 249 TONS CL B Rip-Rap
438 SY Geotextile

FROM –Y1A– STA. 10+50 TO STA. 16+42 LT

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

Min. D= 3.0 Ft.

FROM –R1A– STA. 10+62 TO STA. 11+00 LT
FROM –Y1B– STA. 11+21 TO STA. 12+70 LT
FROM –Y1B– STA. 15+00 TO STA. 16+29 LT
FROM –Y1A– STA. 12+00 TO STA. 12+56 RT
FROM –Y1A– STA. 14+00 TO STA. 14+97 RT



–Y1A– CURVE DATA
PI Sta 11+32.81
Δ = 3° 31' 45.4" (RT)
D = 1° 46' 45.7"
L = 198.34'
T = 99.20'
R = 3,220.00'
SE = RC
RO = 64'

–Y3A– CURVE DATA
PI Sta 11+68.94
Δ = 19° 44' 05.7" (RT)
D = 8° 11' 06.4"
L = 241.11'
T = 121.76'
R = 700.00'
SE = 03
RO = 47.5'

–Y3B– CURVE DATA
PI Sta 12+35.49
Δ = 13° 28' 58.2" (LT)
D = 7° 47' 06.1"
L = 173.19'
T = 87.00'
R = 735.97'
SE = NC

NOTE: UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF ROCK INLET SEDIMENT TRAPS, TYPE-C AS DIRECTED TO AVOID IMPOUNDMENT OF RUNOFF IN ROADWAY OPEN TO TRAFFIC.

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.

13-MAR-2023 13:40
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