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5/14/99

PROJECT REFERENCE NO.	SHEET NO.
R-3833C	05
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
A. Dean Sarvis
10/16/2023

HYDRAULICS ENGINEER
Benjamin J. Henegar
10/16/2023

SEAL 044158

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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License No. F-0672

FOR -L- PROFILE SEE SHEET 12 AND 13
FOR -DRWY2- PROFILE SEE SHEET 19

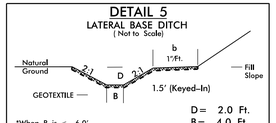
-L-

PI Sta 29+82.38	PI Sta 38+56.09
△ = 25° 07' 19.4" (RT)	△ = 46° 35' 27.8" (LT)
D = 4° 46' 28.7"	D = 5° 43' 46.5"
L = 526.16'	L = 813.17'
T = 267.37'	T = 430.58'
R = 1,200.00'	R = 1,000.00'
SE = .04	SE = .04
INC = 49'	INC = 49'

-DRWY2-

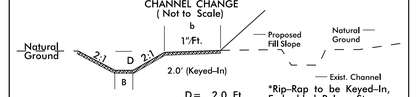
PI Sta 11+71.47
△ = 90° 49' 37.1" (RT)
D = 58° 27' 54.3"
L = 155.35'
T = 99.42'
R = 98.00'
SE = SEE PLANS
INC = 18'

DETAIL 5
LATERAL BASE DITCH
(Not to Scale)

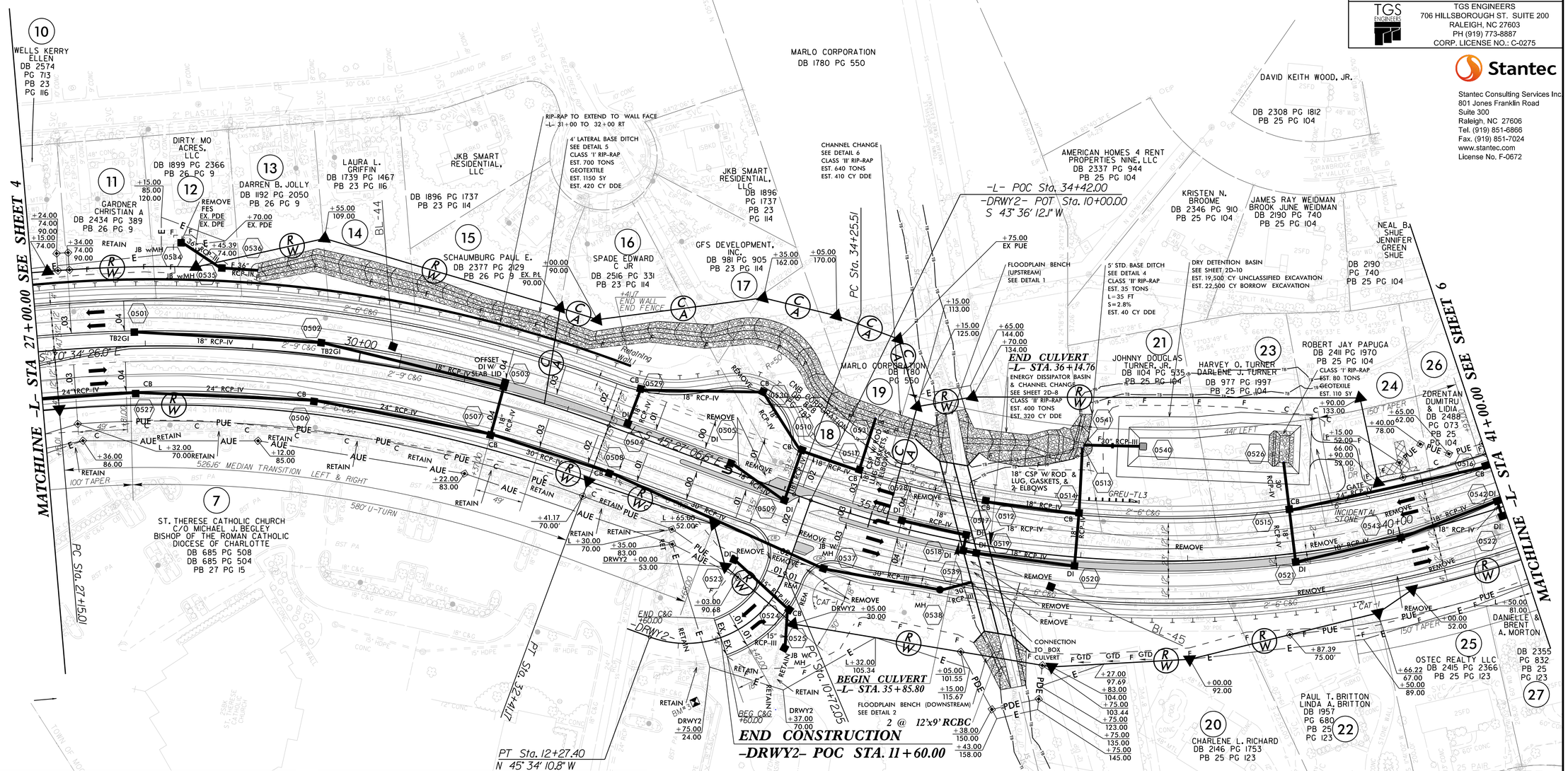


*When B is < 6.0'
Type of Liner= Class "I" Rip-Rap
D= 2.0 Ft.
B= 4.0 Ft.
b= 5.0 Ft.
FROM -L- STA. 29+00 TO STA. 33+00 LT

DETAIL 6
CHANNEL CHANGE
(Not to Scale)

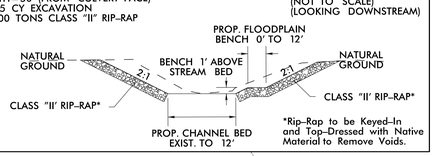


Type of Liner= Class "II" Rip-Rap*
D= 2.0 Ft.
B= 5.0 Ft.
b= 5.0 Ft.
*Rip-Rap to be Keyed-In, Embedded Below Stream Bed, and Top-Dressed with Native Material to Remove Voids.
FROM -L- STA. 33+00 TO STA. 35+55 LT



DETAIL 1
FLOODPLAIN BENCH
(UPSTREAM)
(NOT TO SCALE)
(LOOKING DOWNSTREAM)

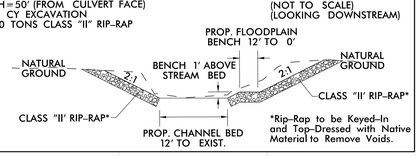
LENGTH = 50' (FROM CULVERT FACE)
EST. 95 CY EXCAVATION
EST. 100 TONS CLASS "II" RIP-RAP



*Rip-Rap to be Keyed-In and Top-Dressed with Native Material to Remove Voids.

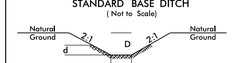
DETAIL 2
FLOODPLAIN BENCH
(DOWNSTREAM)
(NOT TO SCALE)
(LOOKING DOWNSTREAM)

LENGTH = 50' (FROM CULVERT FACE)
EST. 95 CY EXCAVATION
EST. 100 TONS CLASS "II" RIP-RAP



*Rip-Rap to be Keyed-In and Top-Dressed with Native Material to Remove Voids.

DETAIL 4
STANDARD BASE DITCH
(Not to Scale)



Min. D= 3.0 Ft.
Max. d= 3.0 Ft.
B= EX. TO 5.0 Ft.
Type of Liner= Class "II" Rip-Rap (To be Keyed-in, Embedded Below Stream Bed, and Top-Dressed with Native Material to Remove Voids.)
-L- STA. 36+90 LT

10/16/2023
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