PROJECT REFERENCE NO.	SHEET NO.
R-4753	EC-11/CONST.11
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 11

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

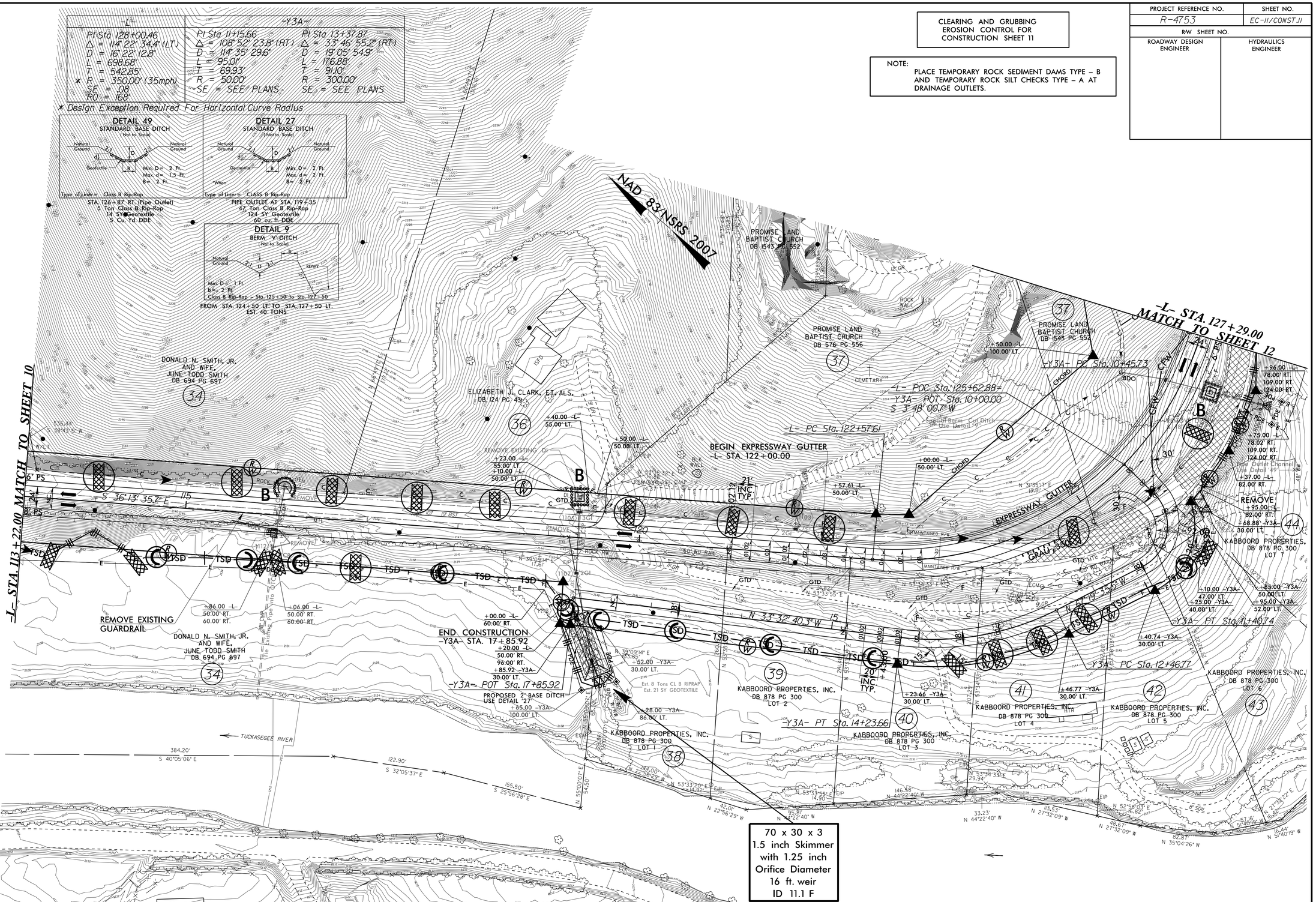
-L-	-Y3A-	
PI Sta 128+00.46	PI Sta 11+15.66	PI Sta 13+37.87
Δ = 114° 22' 34.4" (LT)	Δ = 108° 52' 23.8" (RT)	Δ = 33° 46' 55.2" (RT)
D = 16° 22' 12.8"	D = 114° 35' 29.6"	D = 19° 05' 54.9"
L = 698.68'	L = 95.01'	L = 176.88'
T = 542.85'	T = 69.93'	T = 91.10'
* R = 350.00' (35mph)	R = 50.00'	R = 300.00'
SE = .08	SE = SEE PLANS	SE = SEE PLANS
RO = 168'		

* Design Exception Required For Horizontal Curve Radius

DETAIL 49
STANDARD BASE DITCH
(Not to Scale)
Natural Ground, Natural Ground, Geotextile, d, D, B, 2, 1
Min. D = 2 Ft.
Max. d = 1.5 Ft.
B = 2 Ft.
Type of Liner = Class B Rip-Rap
STA. 126+87 RT. (Pipe Outlet)
5 Ton Class B Rip-Rap
14 SY Geotextile
5 Cu. Yd. DDE

DETAIL 27
STANDARD BASE DITCH
(Not to Scale)
Natural Ground, Natural Ground, Geotextile, d, D, B, 2, 1, *When
Min. D = 2 Ft.
Max. d = 2 Ft.
B = 2 Ft.
Type of Liner = CLASS B Rip-Rap
PIPE OUTLET AT STA. 119+35
47 Ton Class B Rip-Rap
124 SY Geotextile
60 cu. ft. DDE

DETAIL 9
BERM V DITCH
(Not to Scale)
Natural Ground, D, 2, 1, b, RDWY
Min. D = 1 Ft.
b = 2 Ft.
Class B Rip-Rap – Sta. 125+50 to Sta. 127+50
FROM STA. 124+50 LT. TO STA. 127+50 LT.
EST. 40 TONS



Note: All Driveway Radii are 20' Unless Otherwise Noted
Note: All Proposed Guardrail to Use Weathered Steel Unless Otherwise Noted

GTD = GRADE TO DRAIN
BDO = BERM DITCH OUTLET
SEE SHEET 22 & 23 FOR –L– PROFILE
SEE SHEET 27 FOR –Y3A– PROFILE

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R-4753 EC-11/CONST.11