PROJECT REFERENCE NO.	SHEET NO.
W-5206Z	EC-04/CONST.04
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 04

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.

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

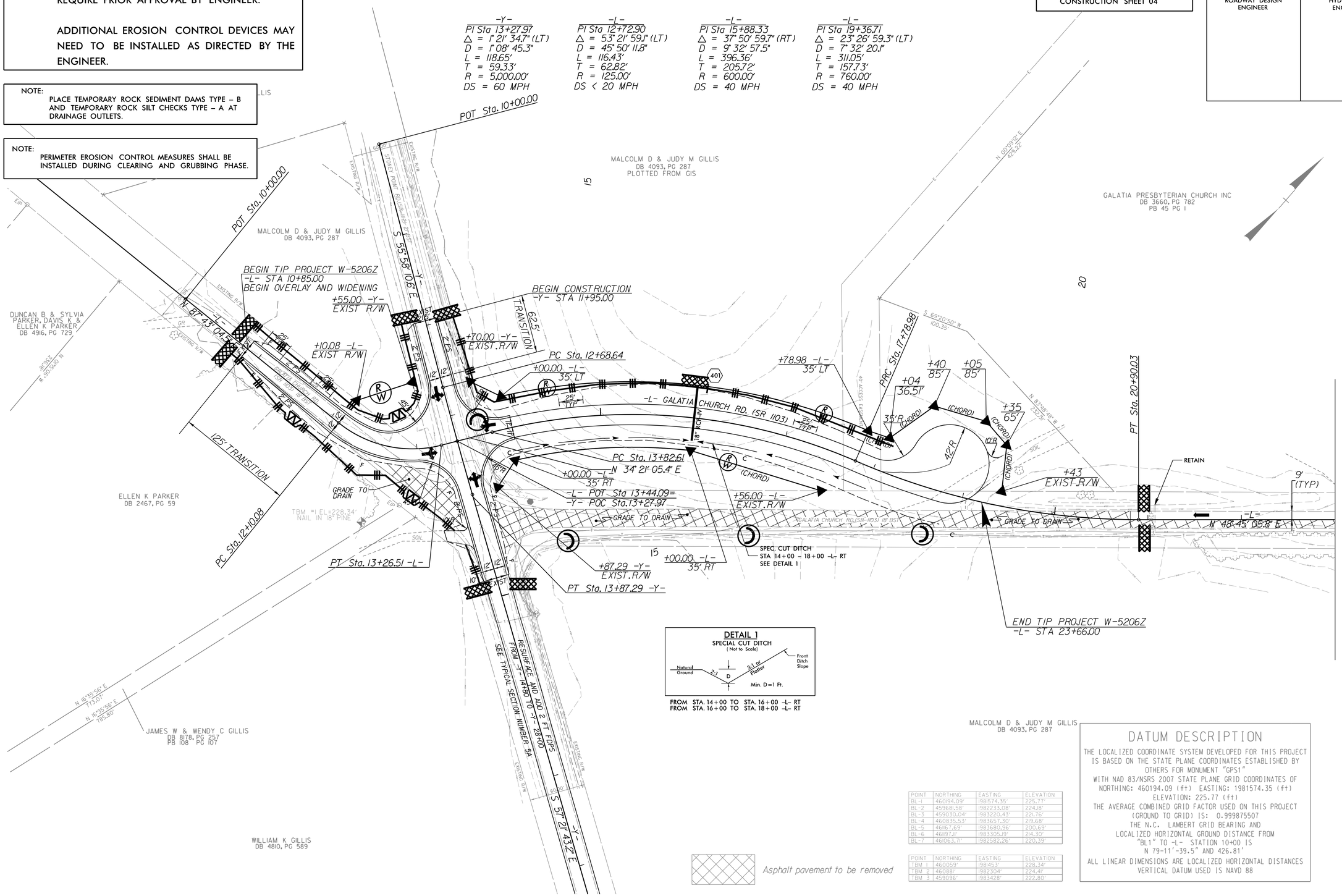
NOTE:
PERIMETER EROSION CONTROL MEASURES SHALL BE INSTALLED DURING CLEARING AND GRUBBING PHASE.

-Y-
PI Sta 13+27.97
△ = 1° 21' 34.7" (LT)
D = 1° 08' 45.3"
L = 118.65'
T = 59.33'
R = 5,000.00'
DS = 60 MPH

-L-
PI Sta 12+72.90
△ = 53° 21' 59.1" (LT)
D = 45° 50' 11.8"
L = 116.43'
T = 62.82'
R = 125.00'
DS < 20 MPH

-L-
PI Sta 15+88.33
△ = 37° 50' 59.7" (RT)
D = 9° 32' 57.5"
L = 396.36'
T = 205.72'
R = 600.00'
DS = 40 MPH

-L-
PI Sta 19+36.71
△ = 23° 26' 59.3" (LT)
D = 7° 32' 20.1"
L = 311.05'
T = 157.73'
R = 760.00'
DS = 40 MPH



DETAIL 1
SPECIAL CUT DITCH
(Not to Scale)

FROM STA. 14+00 TO STA. 16+00 -L- RT
FROM STA. 16+00 TO STA. 18+00 -L- RT

Asphalt pavement to be removed

POINT	NORTHING	EASTING	ELEVATION
BL-1	460194.09'	1981574.35'	225.77'
BL-2	459681.58'	1982233.08'	224.18'
BL-3	459030.04'	1983220.43'	221.76'
BL-4	460835.53'	1983657.30'	219.68'
BL-5	461167.69'	1983680.96'	200.69'
BL-6	461197.11'	1983305.19'	214.30'
BL-7	461063.71'	1982582.26'	220.39'

POINT	NORTHING	EASTING	ELEVATION
TBM 1	460059'	1981453'	228.34'
TBM 2	460881'	1982304'	224.41'
TBM 3	459096'	1983428'	222.80'

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY OTHERS FOR MONUMENT "GPS1"
WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF NORTHING: 460194.09 (ft) EASTING: 1981574.35 (ft)
ELEVATION: 225.77 (ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999875507
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "BL1" TO -L- STATION 10+00 IS N 79-11'-39.5" AND 426.81'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88