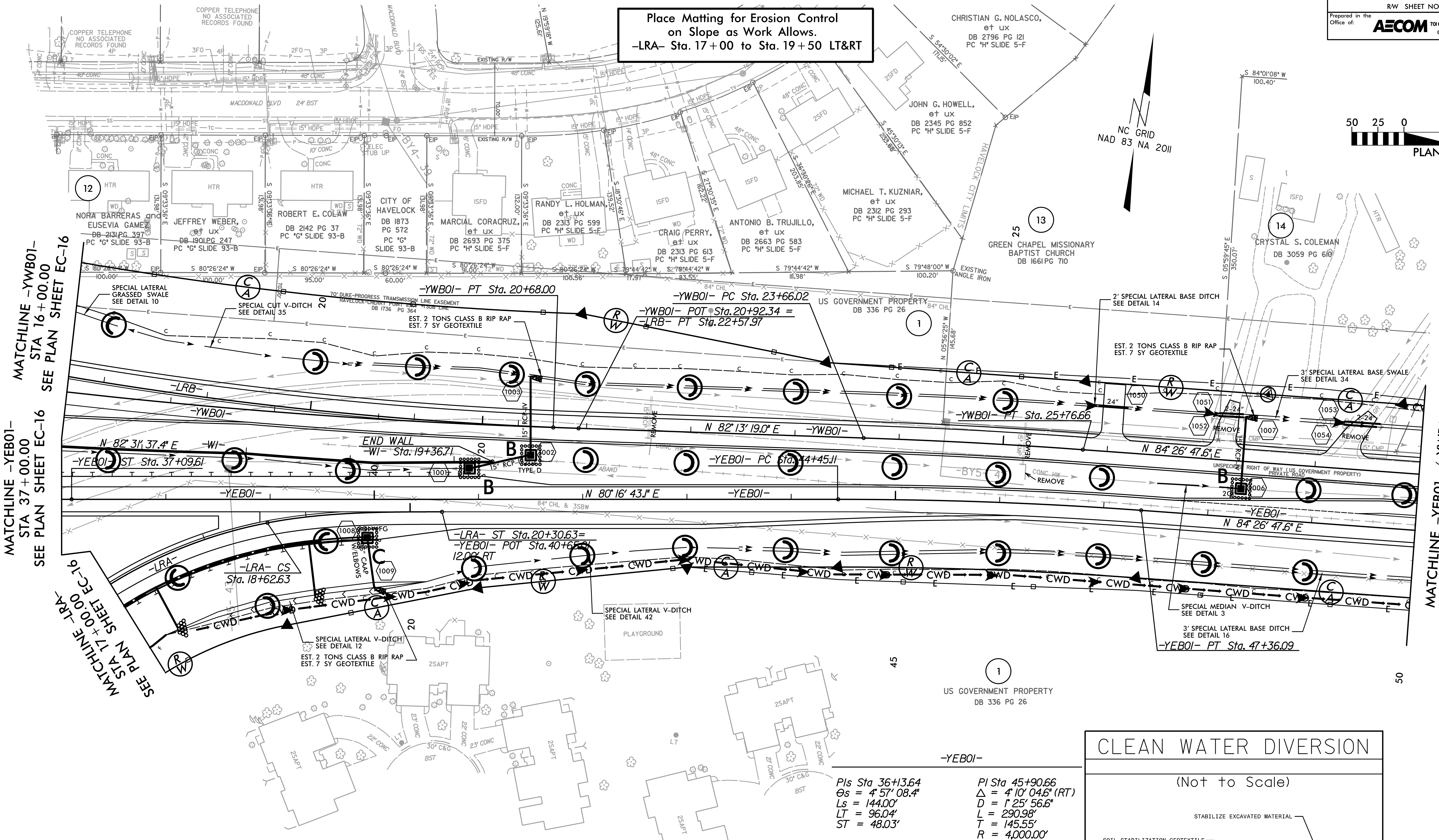
PROJECT REFERENCE NO.	SHEET NO.
R-5516	EC-21/CONST.10
R/W SHEET NO.	

Prepared in the Office of: AECOM
NC FIRM LICENSE No: F-0342
701 Corporate Center Drive, Suite 475
Raleigh, NC 27607
(919) 854-6200 - (919) 854-6259(FAX)

Place Matting for Erosion Control
on Slope as Work Allows.
-LRA- Sta. 17+00 to Sta. 19+50 LT&RT


NC GRID
NAD 83 NA 2011
50 25 0 50 100
PLANS
MATCHLINE -YWB01- STA 16+00.00 SEE PLAN SHEET EC-16
MATCHLINE -YEB01- STA 37+00.00 SEE PLAN SHEET EC-16
MATCHLINE -LRA- STA 17+00.00 SEE PLAN SHEET EC-16
MATCHLINE -YEB01- /-YWB01- STA 50+00.00 /29+00.00 SEE PLAN SHEET EC-22
NORA BARRERAS and EUSEVIA GAMEZ DB 2131 PG 397 PC "G" SLIDE 93-B
JEFFREY WEBER, et ux DB 1901 PG 247 PC "G" SLIDE 93-B
ROBERT E. COLAW DB 2142 PG 37 PC "G" SLIDE 93-B
CITY OF HAVELOCK DB 1873 PG 572 PC "G" SLIDE 93-B
MARCIAL CORACRUZ, et ux DB 2693 PG 375 PC "H" SLIDE 5-F
RANDY L. HOLMAN, et ux DB 2313 PG 599 PC "H" SLIDE 5-F
CRAIG PERRY, et ux DB 2313 PG 613 PC "H" SLIDE 5-F
ANTONIO B. TRUJILLO, et ux DB 2663 PG 583 PC "H" SLIDE 5-F
MICHAEL T. KUZNIAR, et ux DB 2312 PG 293 PC "H" SLIDE 5-F
JOHN G. HOWELL, et ux DB 2345 PG 852 PC "H" SLIDE 5-F
CHRISTIAN G. NOLASCO, et ux DB 2796 PG 121 PC "H" SLIDE 5-F
GREEN CHAPEL MISSIONARY BAPTIST CHURCH DB 1661 PG 710
CRYSTAL S. COLEMAN DB 3059 PG 610
US GOVERNMENT PROPERTY DB 336 PG 26
HAVELOCK CITY LIMITS
SPECIAL LATERAL GRASSED SWALE SEE DETAIL 10
SPECIAL CUT V-DITCH SEE DETAIL 35
EST. 2 TONS CLASS B RIP RAP EST. 7 SY GEOTEXTILE
-YWB01- PT Sta. 20+68.00
-YWB01- PC Sta. 23+66.02
-YWB01- POT Sta. 20+92.34 = -LRB- PT Sta. 22+57.97
-YWB01- PT Sta. 25+76.66
2' SPECIAL LATERAL BASE DITCH SEE DETAIL 14
3' SPECIAL LATERAL BASE SWALE SEE DETAIL 34
N 82° 13' 19.0" E
N 84° 26' 47.6" E
N 82° 31' 37.4" E
N 80° 16' 43.1" E
-YEB01- ST Sta. 37+09.61
-YEB01- PC Sta. 44+45.11
END WALL -W1- Sta. 19+36.71
TYPE D
REMOVE
UNSPECIFIED RIGHT OF WAY (US GOVERNMENT PROPERTY) PRIVATE ROAD
-LRA- ST Sta. 20+30.63 = -YEB01- POT Sta. 40+65.01 12.00' RT
-LRA- CS Sta. 18+62.63
SPECIAL LATERAL V-DITCH SEE DETAIL 42
SPECIAL LATERAL V-DITCH SEE DETAIL 12
EST. 2 TONS CLASS B RIP RAP EST. 7 SY GEOTEXTILE
SPECIAL MEDIAN V-DITCH SEE DETAIL 3
3' SPECIAL LATERAL BASE DITCH SEE DETAIL 16
-YEB01- PT Sta. 47+36.09
PLAYGROUND
CWD

-LRA-	
PI Sta 16+09.21	PIs Sta 19+18.82
△ = 89° 38' 18.4" (RT)	Θs = 10° 50' 23.1"
D = 12° 54' 16.0"	Ls = 168.00'
L = 694.63'	LT = 112.21'
T = 441.21'	ST = 56.19'
R = 444.00'	
Se = 0.08	
DS = 40 MPH	
Runoff = 168.0'	

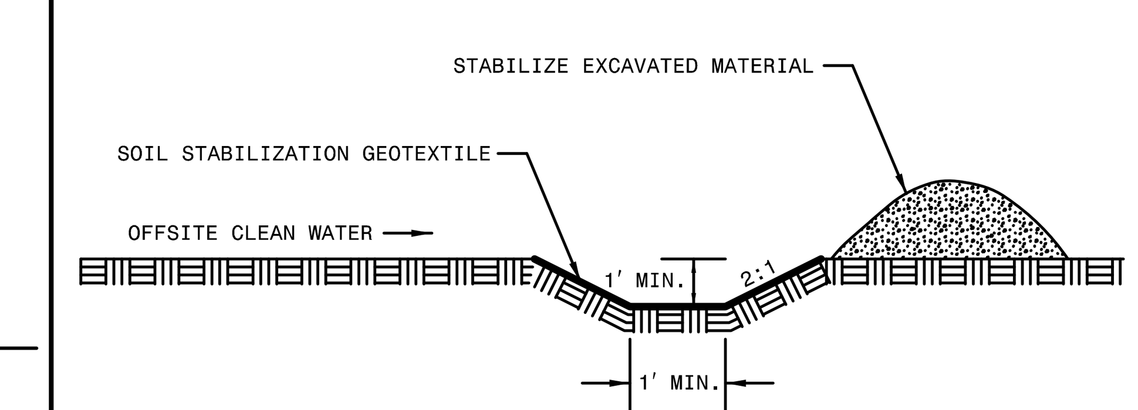
-LRB-
PI Sta 19+49.36
△ = 9° 40' 46.0" (LT)
D = 1° 33' 52.1"
L = 618.70'
T = 310.09'
R = 3,662.29'
Se = RC
DS = 40 MPH
Runoff = 121.5'

-YEB01-	
PIs Sta 36+13.64	PI Sta 45+90.66
Θs = 4° 57' 08.4"	△ = 4° 10' 04.6" (RT)
Ls = 144.00'	D = 1° 25' 56.6"
LT = 96.04'	L = 290.98'
ST = 48.03'	T = 145.55'
	R = 4,000.00'
	Se = 0.025
	DS = 40 MPH
	Runoff = 144.0'

-YWB01-	
PI Sta 17+02.36	PI Sta 24+71.35
△ = 6° 59' 27.5" (LT)	△ = 2° 13' 28.6" (RT)
D = 0° 57' 17.3"	D = 1° 03' 22.1"
L = 732.19'	L = 210.64'
T = 366.55'	T = 105.33'
R = 6,000.83'	R = 5,425.00'
Se = 0.025	Se = 0.025
DS = 40 MPH	DS = 40 MPH
Runoff = N/A	Runoff = N/A

CLEAN WATER DIVERSION

(Not to Scale)



FOR -LRA- PROFILE, SEE SHEET NO. 18
FOR -LRB- PROFILE, SEE SHEET NO. 19
FOR -YWB01- PROFILE, SEE SHEET NO. 22
FOR -YEB01- PROFILE, SEE SHEET NOS. 20 & 21

DATE/TIME: 2:39:44 PM
DGN: R:\Environmental\Design\r5516_rwu_ec21.dgn