

8/17/99

5/27/2026
c:\bms\wsp-us-pw-01\d0516303\R-2632AB_RDY_TSH_01A_CLEARING.dgn
USB041342

INDEX OF SHEETS	
SHEET NUMBER	SHEET
1	TITLE SHEET
1-A	INDEX OF SHEETS, GENERAL NOTES, AND STANDARD DRAWINGS
1-B	CONVENTIONAL SYMBOLS
3P-1	PARCEL INDEX SHEET
4 THRU 17	PLAN SHEETS

PROJECT REFERENCE NO.		SHEET NO.
R-2632AB		1-A
		ROADWAY DESIGN ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		
 1001 Morehead Square Dr., Suite 610, Charlotte NC, 28203 NC LIC NO. F-0165		

Note: Not to Scale

BOUNDARIES AND PROPERTY:

State Line	
County Line	
Township Line	
City Line	
Reservation Line	
Property Line	
Existing Iron Pin (EIP)	
Computed Property Corner	
Existing Concrete Monument (ECM)	
Parcel/Sequence Number	
Existing Fence Line	
Proposed Woven Wire Fence	
Proposed Chain Link Fence	
Proposed Barbed Wire Fence	
Existing Wetland Boundary	
Proposed Wetland Boundary	
Existing Endangered Animal Boundary	
Existing Endangered Plant Boundary	
Existing Historic Property Boundary	
Known Contamination Area: Soil	
Potential Contamination Area: Soil	
Known Contamination Area: Water	
Potential Contamination Area: Water	
Contaminated Site: Known or Potential	

BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	
Sign	
Well	
Small Mine	
Foundation	
Area Outline	
Cemetery	
Building	
School	
Church	
Dam	

HYDROLOGY:

Stream or Body of Water	
Hydro, Pool or Reservoir	
Jurisdictional Stream	
Buffer Zone 1	
Buffer Zone 2	
Flow Arrow	
Disappearing Stream	
Spring	
Wetland	
Proposed Lateral, Tail, Head Ditch	
False Sump	

STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS
CONVENTIONAL PLAN SHEET SYMBOLS

RAILROADS:

Standard Gauge	
RR Signal Milepost	
Switch	
RR Abandoned	
RR Dismantled	

RIGHT OF WAY & PROJECT CONTROL:

Primary Horiz Control Point	
Primary Horiz and Vert Control Point	
Secondary Horiz and Vert Control Point	
Vertical Benchmark	
Existing Right of Way Monument	
Proposed Right of Way Monument (Rebar and Cap)	
Proposed Right of Way Monument (Concrete)	
Existing Permanent Easement Monument	
Proposed Permanent Easement Monument (Rebar and Cap)	
Existing C/A Monument	
Proposed C/A Monument (Rebar and Cap)	
Proposed C/A Monument (Concrete)	
Existing Right of Way Line	
Proposed Right of Way Line	
Existing Control of Access Line	
Proposed Control of Access Line	
Proposed ROW and CA Line	
Existing Easement Line	
Proposed Temporary Construction Easement	
Proposed Temporary Drainage Easement	
Proposed Permanent Drainage Easement	
Proposed Permanent Drainage/Utility Easement	
Proposed Permanent Utility Easement	
Proposed Temporary Utility Easement	
Proposed Aerial Utility Easement	

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	
Existing Curb	
Proposed Slope Stakes Cut	
Proposed Slope Stakes Fill	
Proposed Curb Ramp	
Existing Metal Guardrail	
Proposed Guardrail	
Existing Cable Guiderail	
Proposed Cable Guiderail	
Equality Symbol	
Clearing	
Special Hand Clearing	

VEGETATION:

Single Tree	
Single Shrub	
Hedge	

Woods Line	
Orchard	
Vineyard	

EXISTING STRUCTURES:

MAJOR:	
Bridge, Tunnel or Box Culvert	
Bridge Wing Wall, Head Wall and End Wall	
MINOR:	
Head and End Wall	
Pipe Culvert	
Footbridge	
Drainage Box: Catch Basin, DI or JB	
Paved Ditch Gutter	
Storm Sewer Manhole	
Storm Sewer	

UTILITIES:

* *SUE – Subsurface Utility Engineering*
LOS – Level of Service – A,B,C or D (Accuracy)

POWER:	
Existing Power Pole	
Proposed Power Pole	
Existing Joint Use Pole	
Proposed Joint Use Pole	
Power Manhole	
Power Line Tower	
Power Transformer	
U/G Power Cable Hand Hole	
H-Frame Pole	
U/G Power Line Test Hole (SUE – LOS A)*	
U/G Power Line (SUE – LOS B)*	
U/G Power Line (SUE – LOS C)*	
U/G Power Line (SUE – LOS D)*	

TELEPHONE:

Existing Telephone Pole	
Proposed Telephone Pole	
Telephone Manhole	
Telephone Pedestal	
Telephone Cell Tower	
U/G Telephone Cable Hand Hole	
U/G Telephone Test Hole (SUE – LOS A)*	
U/G Telephone Cable (SUE – LOS B)*	
U/G Telephone Cable (SUE – LOS C)*	
U/G Telephone Cable (SUE – LOS D)*	
U/G Telephone Conduit (SUE – LOS B)*	
U/G Telephone Conduit (SUE – LOS C)*	
U/G Telephone Conduit (SUE – LOS D)*	
U/G Fiber Optics Cable (SUE – LOS B)*	
U/G Fiber Optics Cable (SUE – LOS C)*	
U/G Fiber Optics Cable (SUE – LOS D)*	

WATER:

Water Manhole	
Water Meter	
Water Valve	
Water Hydrant	
U/G Water Line Test Hole (SUE – LOS A)*	
U/G Water Line (SUE – LOS B)*	
U/G Water Line (SUE – LOS C)*	
U/G Water Line (SUE – LOS D)*	
Above Ground Water Line	

TV:

TV Pedestal	
TV Tower	
U/G TV Cable Hand Hole	
U/G TV Test Hole (SUE – LOS A)*	
U/G TV Cable (SUE – LOS B)*	
U/G TV Cable (SUE – LOS C)*	
U/G TV Cable (SUE – LOS D)*	
U/G Fiber Optic Cable (SUE – LOS B)*	
U/G Fiber Optic Cable (SUE – LOS C)*	
U/G Fiber Optic Cable (SUE – LOS D)*	

GAS:

Gas Valve	
Gas Meter	
U/G Gas Line Test Hole (SUE – LOS A)*	
U/G Gas Line (SUE – LOS B)*	
U/G Gas Line (SUE – LOS C)*	
U/G Gas Line (SUE – LOS D)*	
Above Ground Gas Line	

SANITARY SEWER:

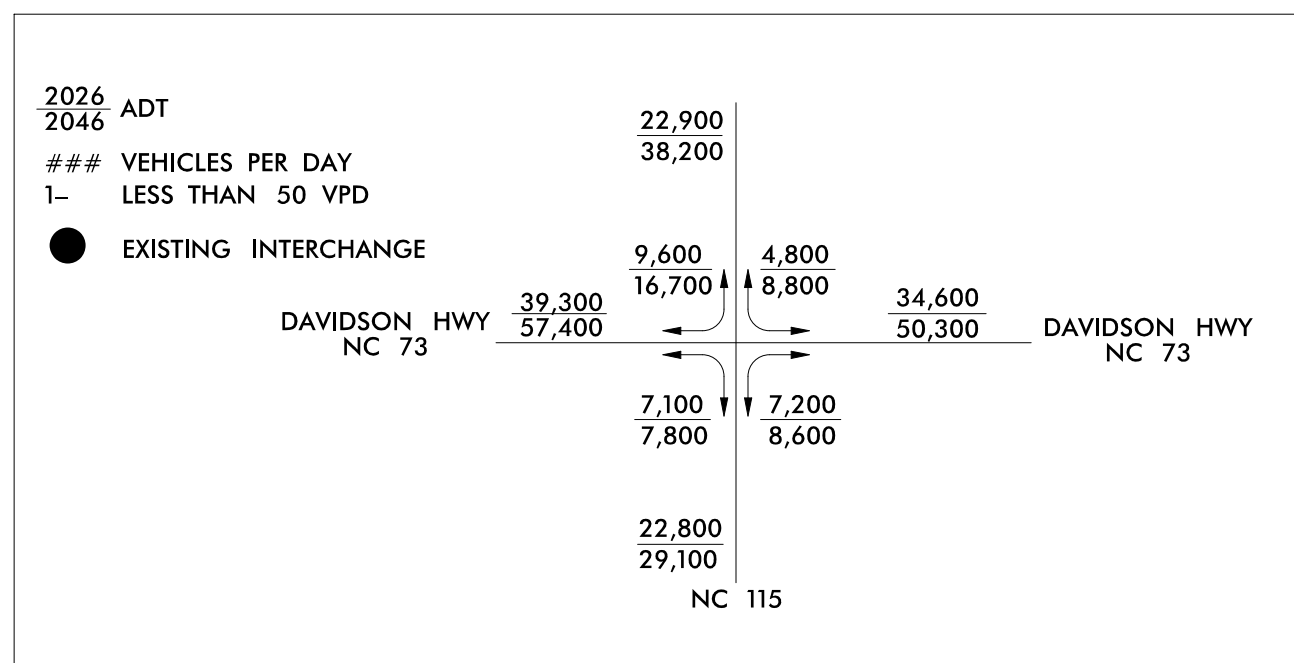
Sanitary Sewer Manhole	
Sanitary Sewer Cleanout	
U/G Sanitary Sewer Line	
Above Ground Sanitary Sewer	
SS Force Main Line Test Hole (SUE – LOS A)*	
SS Force Main Line (SUE – LOS B)*	
SS Force Main Line (SUE – LOS C)*	
SS Force Main Line (SUE – LOS D)*	

MISCELLANEOUS:

Utility Pole	
Utility Pole with Base	
Utility Located Object	
Utility Traffic Signal Box	
Utility Unknown U/G Line (SUE – LOS B)*	
U/G Tank; Water, Gas, Oil	
Underground Storage Tank, Approx. Loc.	
A/G Tank; Water, Gas, Oil	
Geoenviromental Boring	
Abandoned According to Utility Records	
End of Information	

PARCEL INDEX SHEET

[illegible]

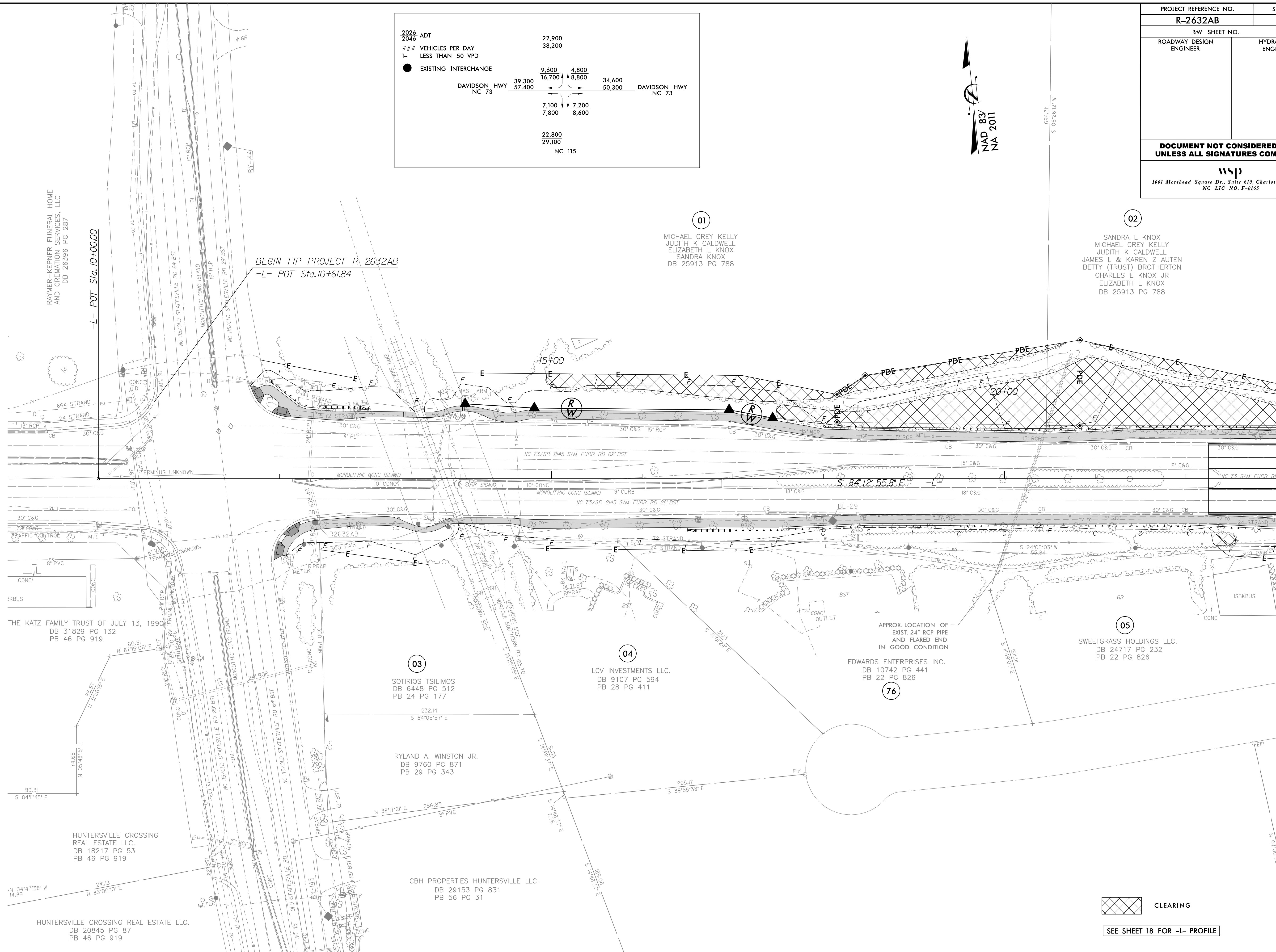


RAYMER-KEPNER FUNERAL HOME
AND CREMATION SERVICES, LLC
DB 26396 PG 287

BEGIN TIP PROJECT R-2632AB
-L- POT Sta. 10+61.84

MICHAEL GREY KELLY
JUDITH K CALDWELL
ELIZABETH L KNOX
SANDRA KNOX
DB 25913 PG 788

SANDRA L KNOX
MICHAEL GREY KELLY
JUDITH K CALDWELL
JAMES L & KAREN Z AUTEN
BETTY (TRUST) BROTHERTON
CHARLES E KNOX JR
ELIZABETH L KNOX
DB 25913 PG 788



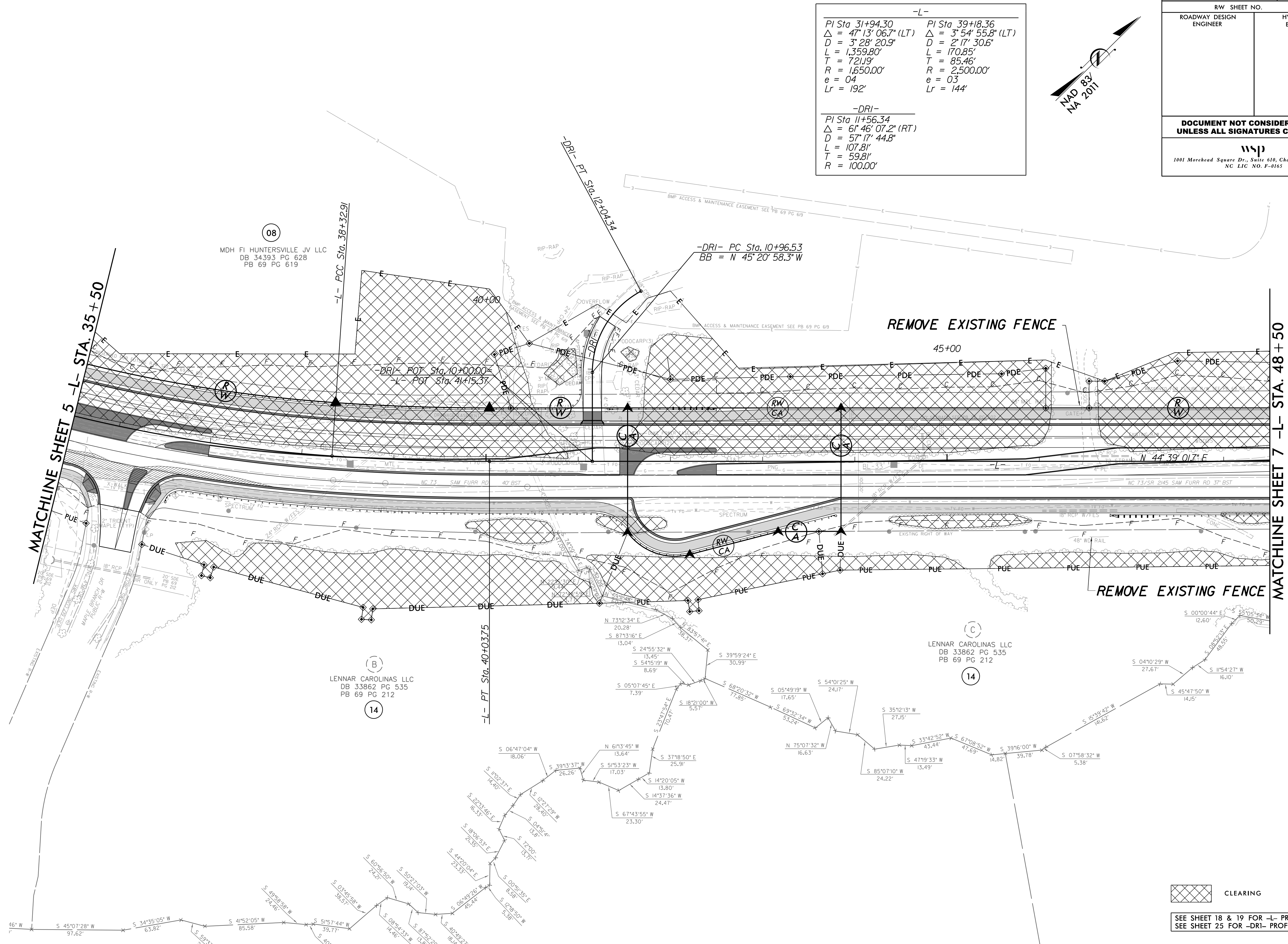
MATCHLINE SHEET 5 -L- STA. 23+00

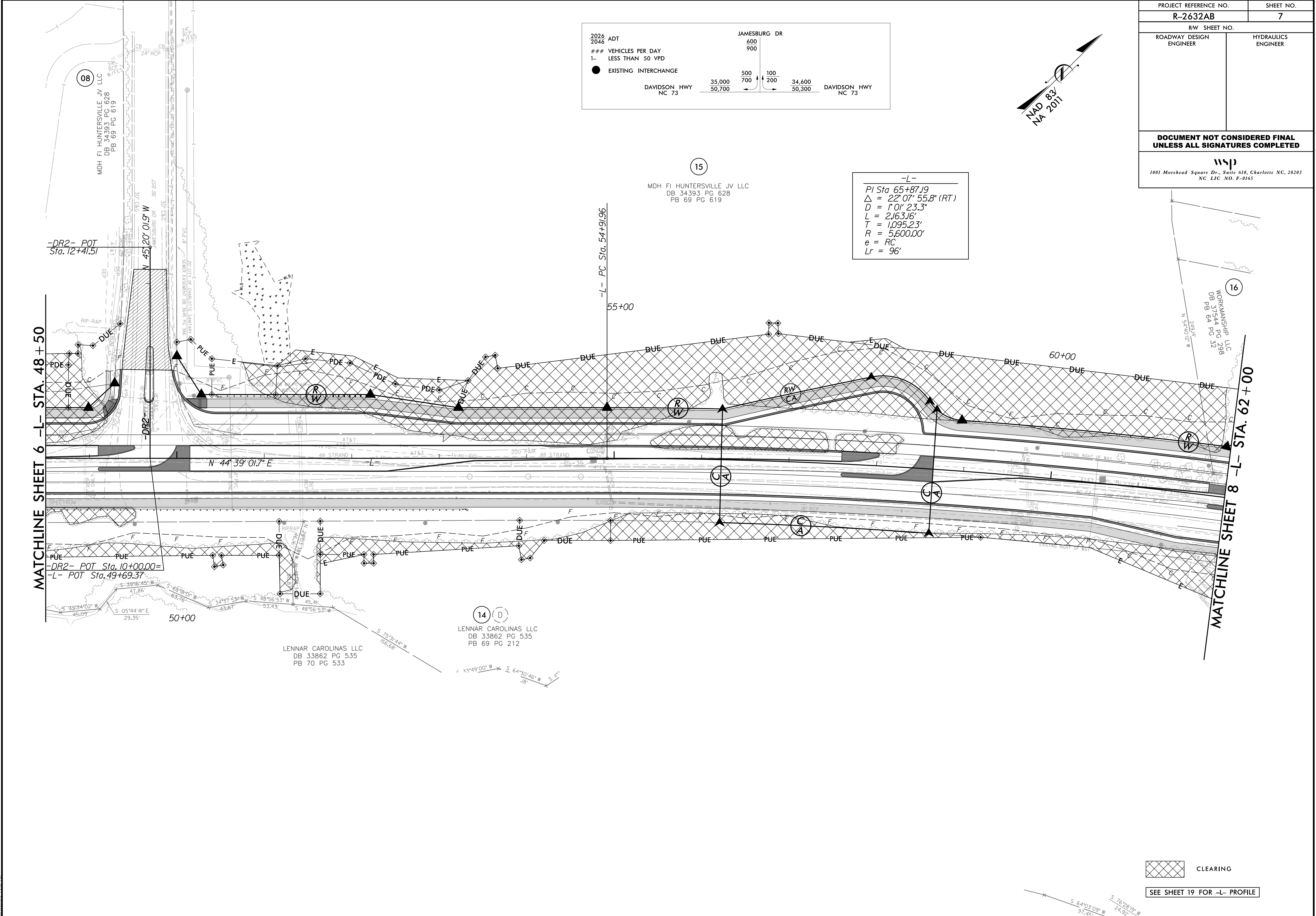
 CLEARING

SEE SHEET 18 FOR -L- PROFILE

SEE SHEET 18 FOR -L- PROFILE

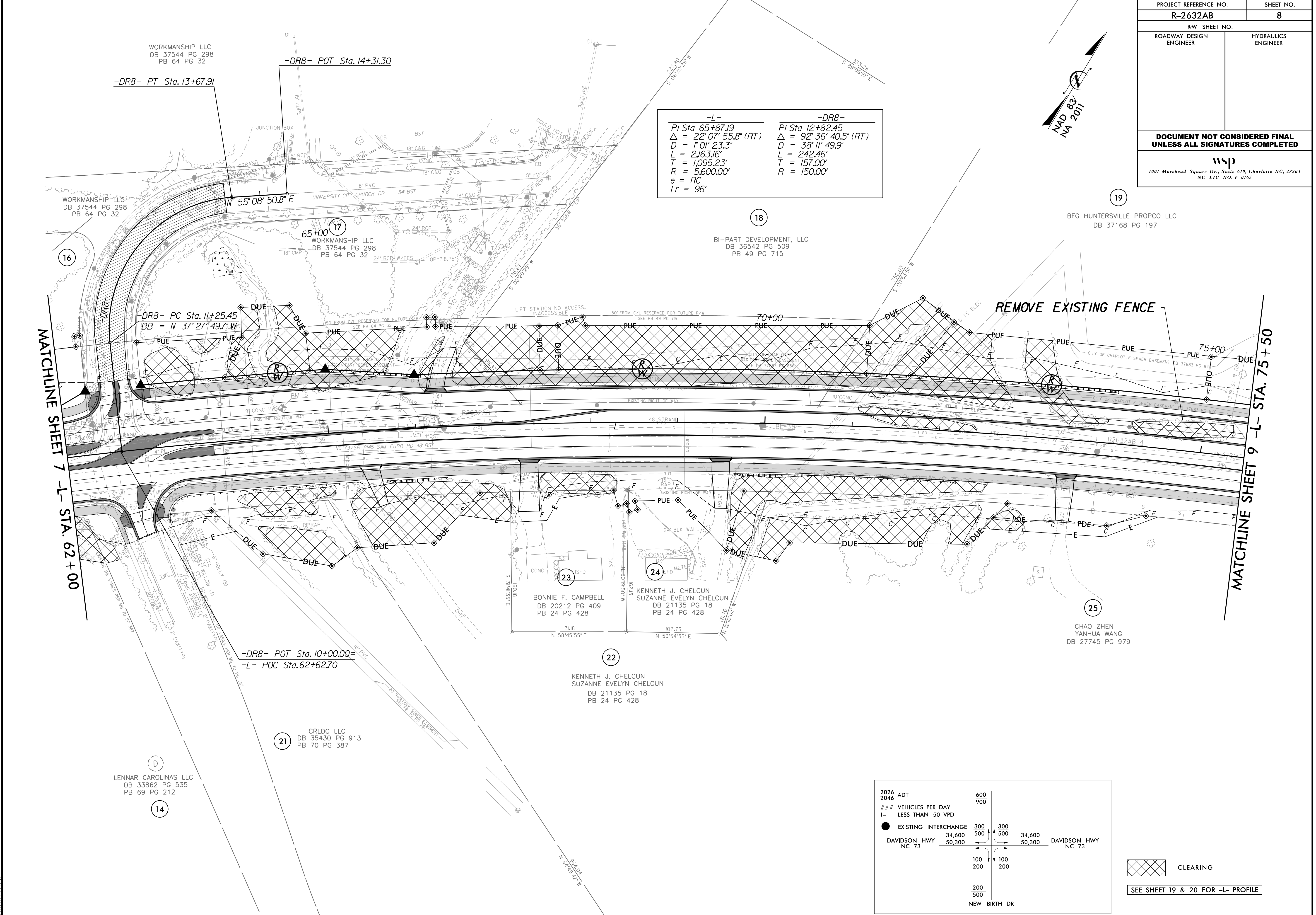
SEE SHEET 18 & 19 FOR -L- PROFILE
SEE SHEET 25 FOR -DR1- PROFILE



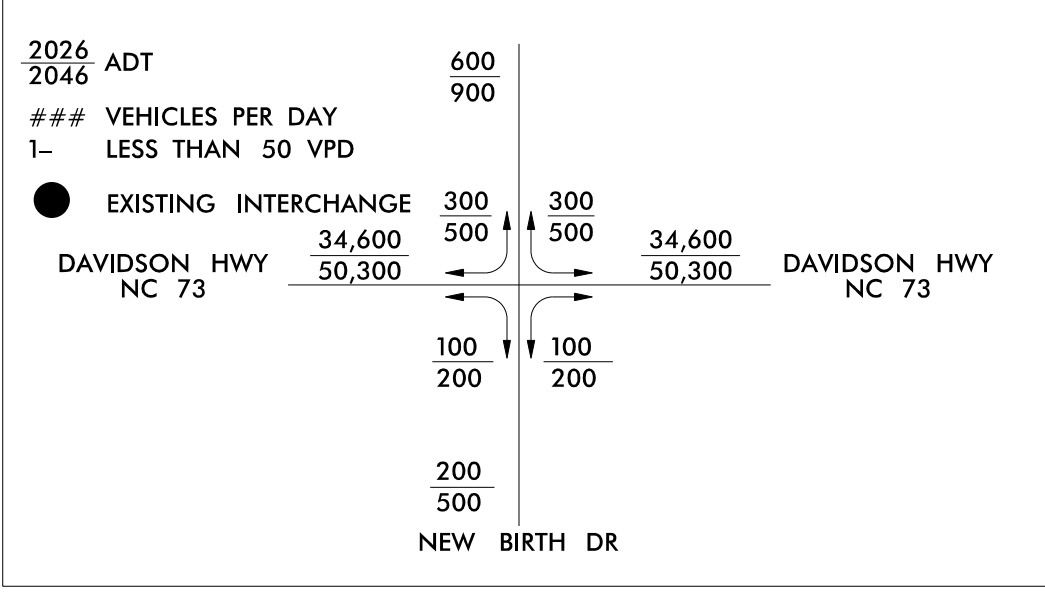


8/17/99

5/1/2026 C:\Users\j\OneDrive - WSP 0365\Desktop\Stuff For Sierra\R-2632AB\R-2632AB-rdy_psh_08_CLEARING.dgn
C:\Users\j\OneDrive - WSP 0365\Desktop\Stuff For Sierra\R-2632AB\R-2632AB-rdy_psh_08_CLEARING.dgn

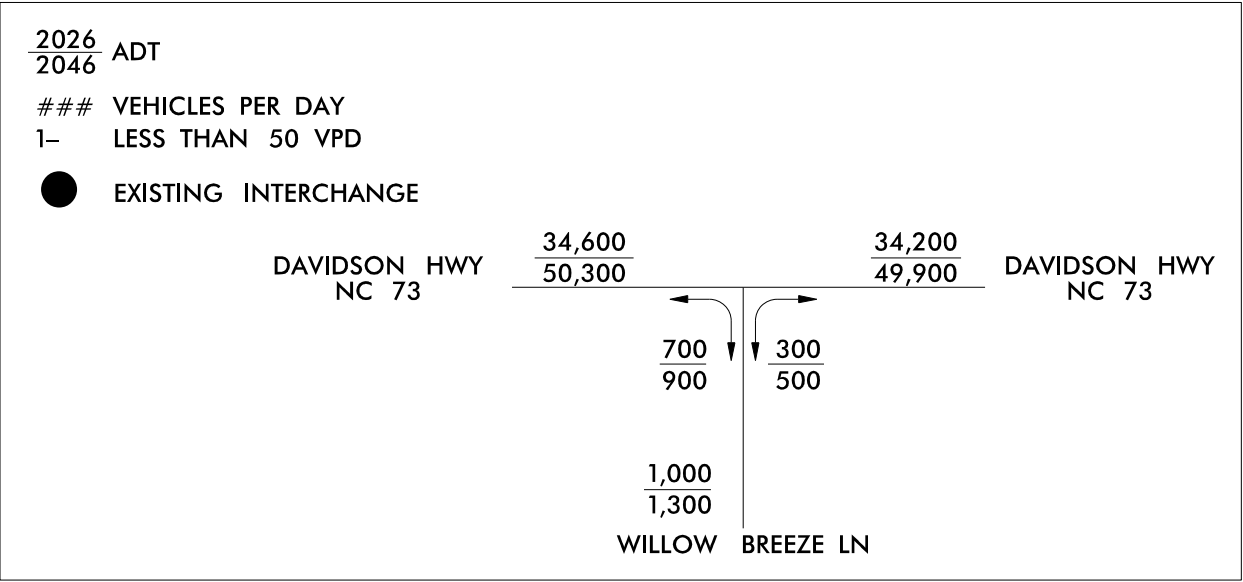


PROJECT REFERENCE NO.		SHEET NO.	
R-2632AB		8	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER		
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
 1001 Morehead Square Dr., Suite 610, Charlotte NC, 28203 NC LIC. NO. F-0165			

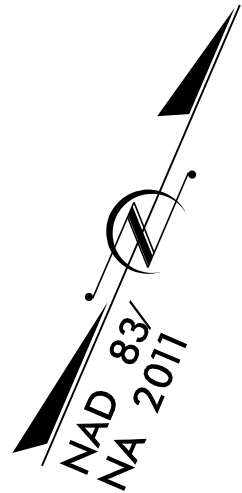


8/17/99

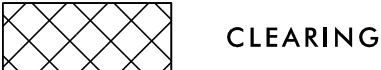
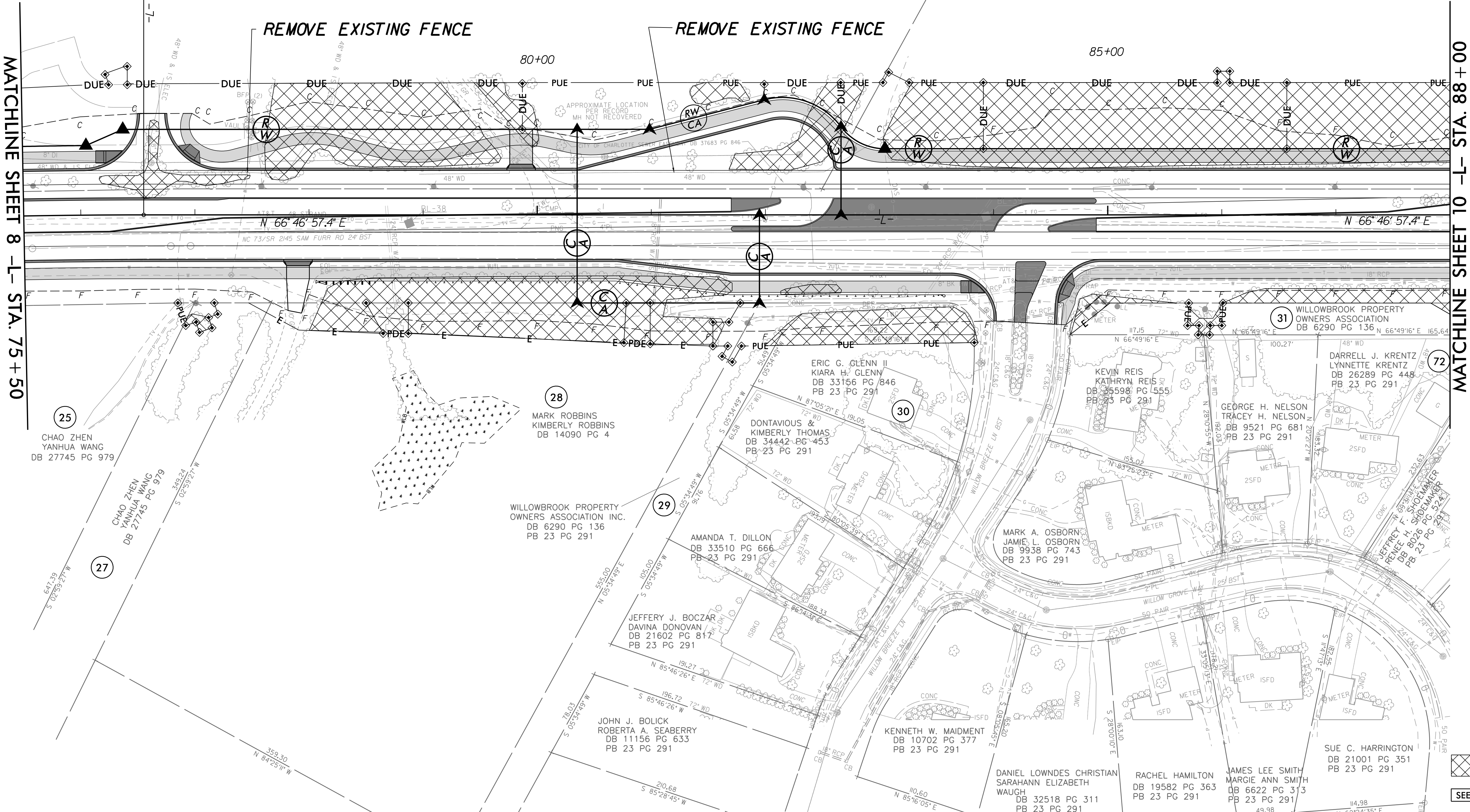
5/1/2026 C:\Users\j\OneDrive - WSP\0365\Desktop\Stuff for Sierra\VR-2632AB\VR-2632AB_rdy_psh_09_CLEARING.dgn



-L-	-DR3-
PI Sta 65+87.19	PI Sta 10+90.58
$\Delta = 22^{\circ}07'55.8''$ (RT)	$\Delta = 44^{\circ}05'45.0''$ (LT)
$D = 1^{\circ}01'23.3''$	$D = 104^{\circ}10'26.9''$
$L = 2,163.16'$	$L = 42.33'$
$T = 1,095.23'$	$T = 22.27'$
$R = 5,600.00'$	$R = 55.00'$
$e = RC$	
$Lr = 96'$	



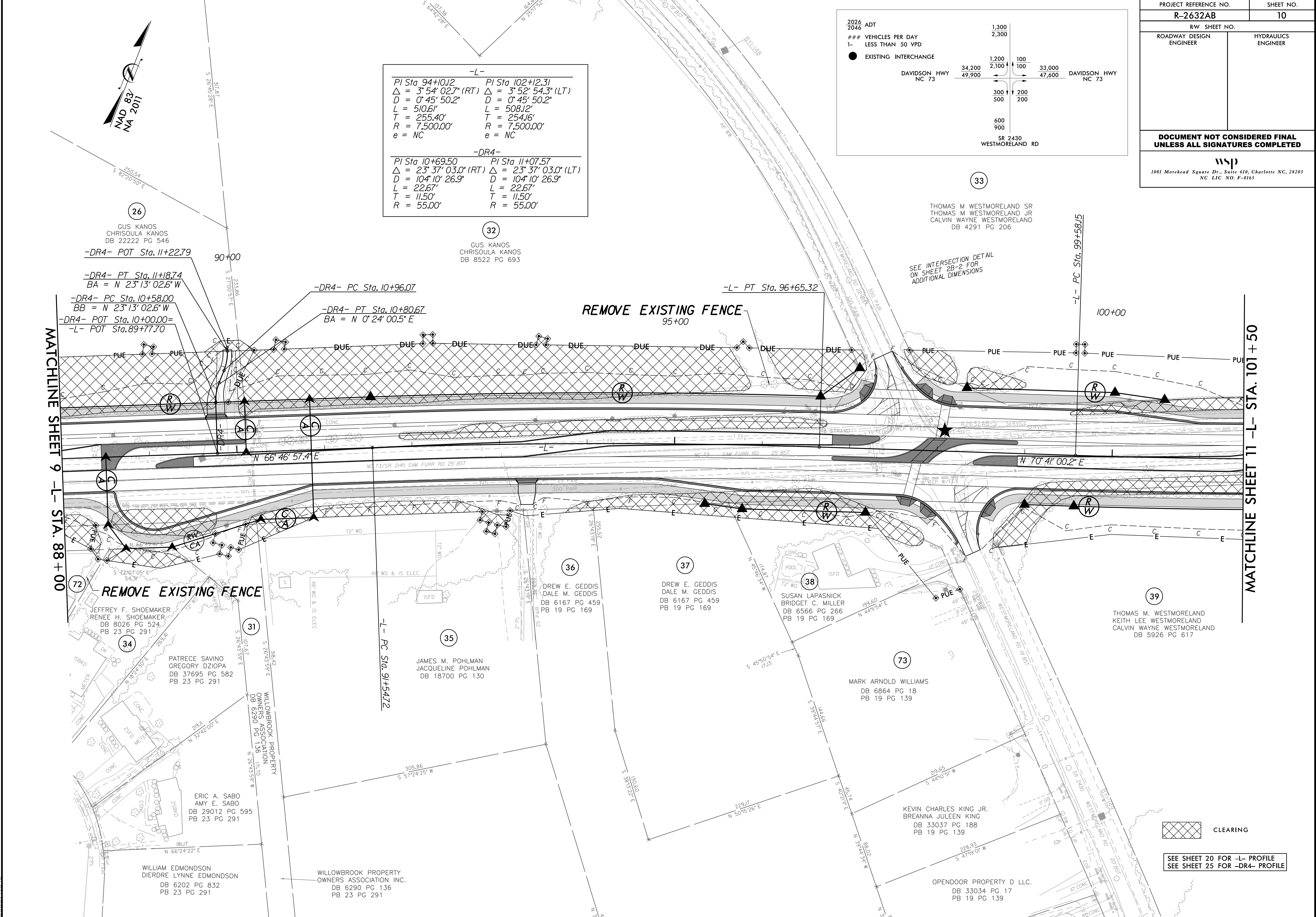
PROJECT REFERENCE NO.	SHEET NO.
R-2632AB	9
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
WSP 1001 Morehead Square Dr., Suite 610, Charlotte NC, 28203 NC LIC. NO. F-0165	



SEE SHEET 20 FOR -L- PROFILE

8/17/99

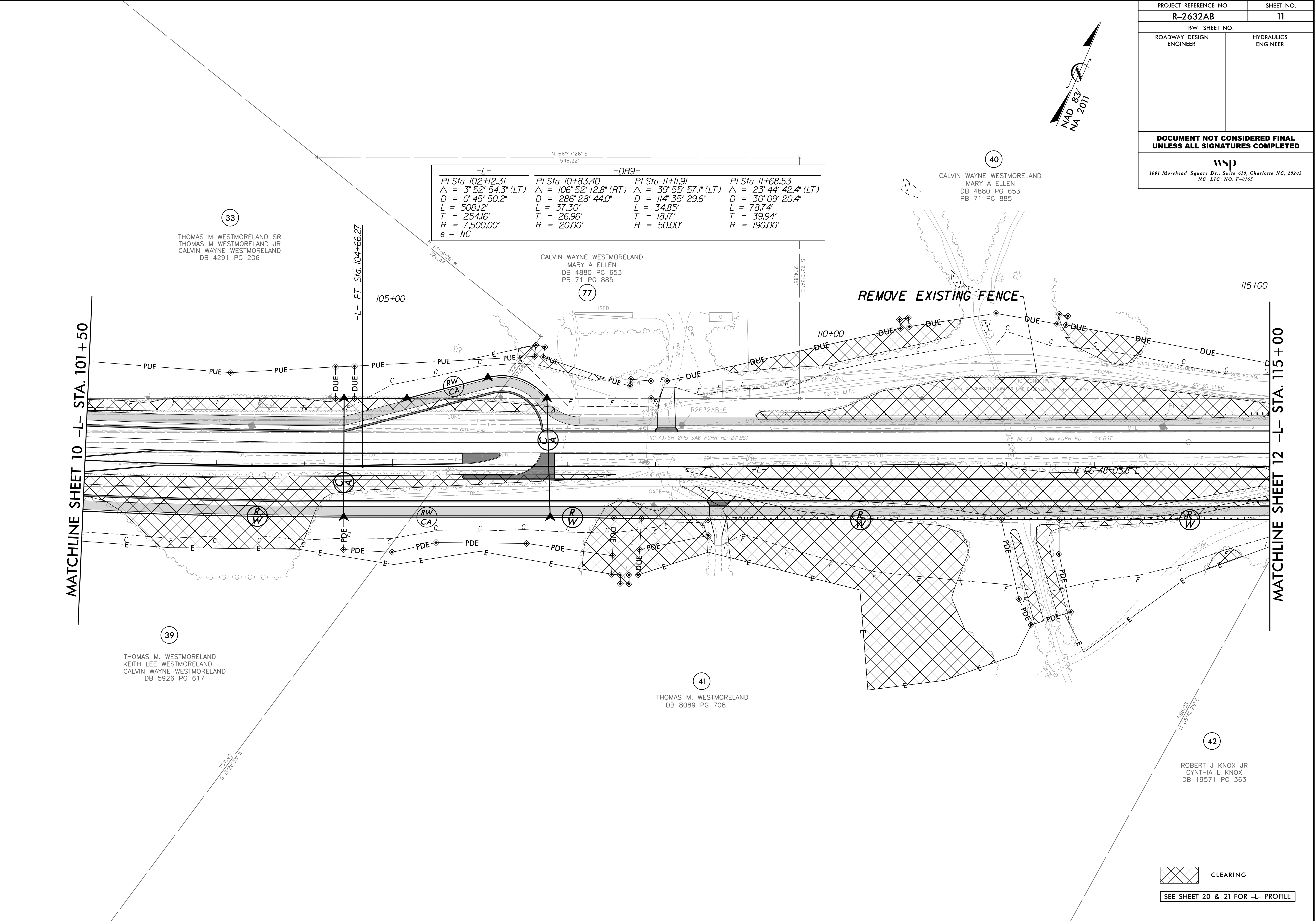
5/1/2026
C:\Users\j\OneDrive - WSP\0365\Desktop\Stuff for Sierra\VR-2632AB\VR-2632AB-rdy.psh.10_CLEARING.dgn
USB0141342



CLEARING

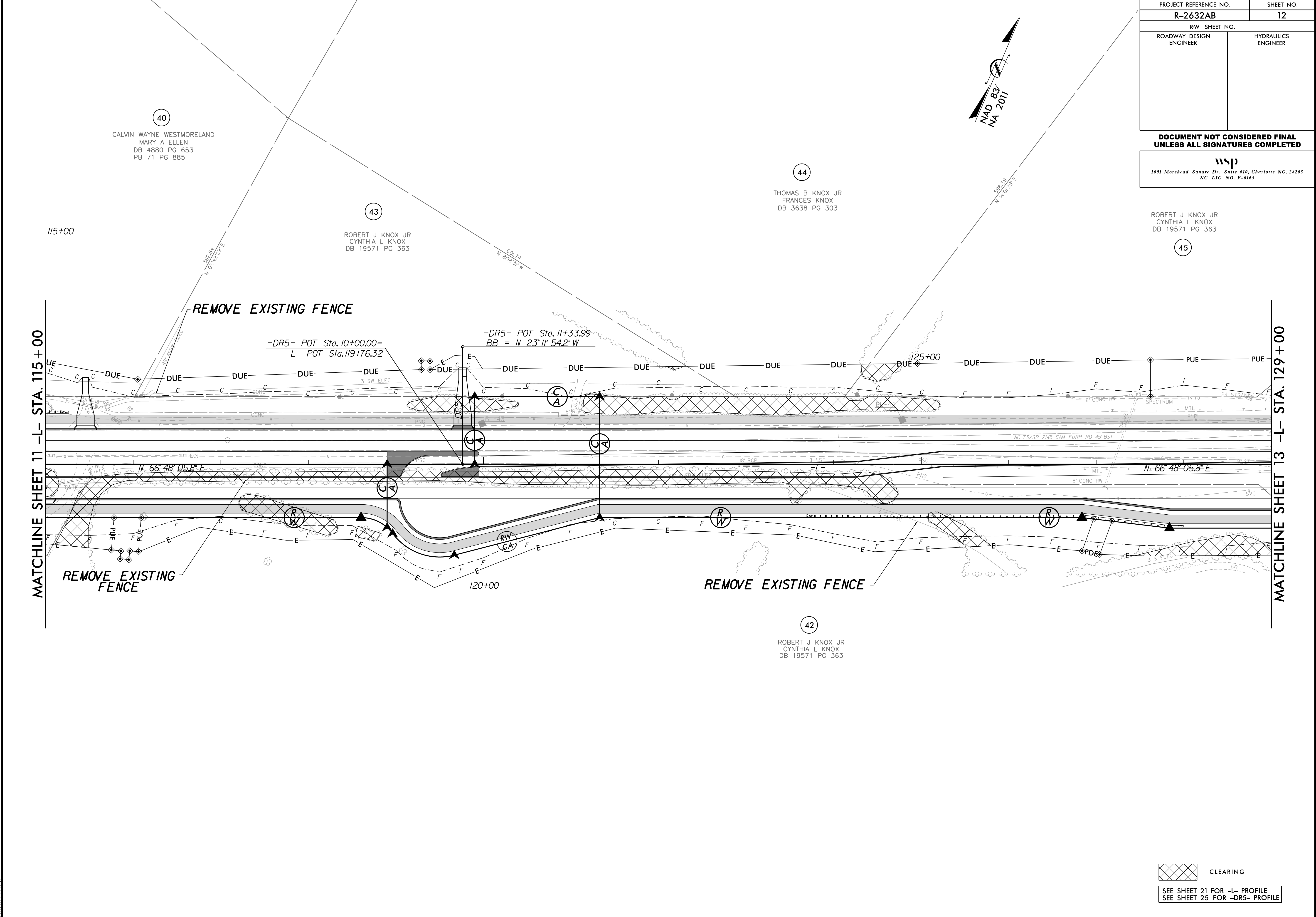
SEE SHEET 20 FOR -L- PROFILE
SEE SHEET 25 FOR -DR4- PROFILE

PROJECT REFERENCE NO.		SHEET NO.	
R-2632AB		10	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
wsp 1001 Morehead Square Dr., Suite 610, Charlotte NC, 28203 NC LIC NO. F-0165			



8/17/99

5/1/2026
C:\Users\j\OneDrive - WSP_0365\Desktop\Stuff For Sierra\R-2632AB\R-2632AB-rdy.psh.12-CLEARING.dgn
C:\Users\j\OneDrive - WSP_0365\Desktop\Stuff For Sierra\R-2632AB\R-2632AB-rdy.psh.12-CLEARING.dgn



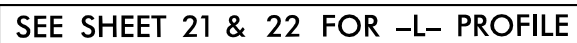
PROJECT REFERENCE NO.		SHEET NO.	
R-2632AB		12	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
wsp 1001 Morehead Square Dr., Suite 610, Charlotte NC, 28203 NC LIC NO. F-0165			

ROBERT J KNOX JR
CYNTHIA L KNOX
DB 19571 PG 363

45

CLEARING

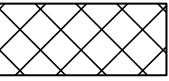
SEE SHEET 21 FOR -L- PROFILE
SEE SHEET 25 FOR -DR5- PROFILE



-L-	-L_INT-	-L_INT-
PI Sta 154+14.94	PI Sta 162+35.00	PI Sta 168+19.90
$\Delta = 25^{\circ} 07' 01.2''$ (RT)	$\Delta = 5^{\circ} 14' 44.5''$ (RT)	$\Delta = 5^{\circ} 02' 05.3''$ (LT)
$D = 2^{\circ} 35' 33.2''$	$D = 0^{\circ} 45' 50.2''$	$D = 1^{\circ} 02' 30.3''$
$L = 968.81'$	$L = 686.66'$	$L = 483.31'$
$T = 492.31'$	$T = 343.57'$	$T = 241.81'$
$R = 2,210.00'$	$R = 7,500.00'$	$R = 5,500.00'$
$e = 04'$	$DS = NC$	$DS = RC$
$Lr = 192'$		

8/17/99

SEE SHEETS 23 & 24 FOR -Y3- PROFILE
SEE SHEET 25 FOR -Y4- PROFILE



CLEARING



-Y4-
PI Sta 13+65.65
 $\Delta = 68^{\circ} 54' 06.0''$ (RT)
 $D = 10^{\circ} 44' 58.8''$
 $L = 640.97'$
 $T = 365.65'$
 $R = 533.00'$
 $e = 06'$
 $Lr = 126'$

-Y3- POT Sta. 10+00.00

BEGIN CONSTRUCTION
-Y3- POT Sta. 10+50.00

66

JAMES COY MAYES
G. R. MAYES JR
DB 2047 PG 401

JAMES COY MAYES
G. R. MAYES JR
DB 2047 PG 401

MATCHLINE SHEET 14 -Y3- STA. 23+80

REMOVE EXISTING FENCE

REMOVE EXISTING FENCE

75

IAN GORDON OBRIEN
LOUISA CHASE OBRIEN
DB 32803 PG 442
PB 25 PG 821

74

THOMAS EDWARD UNDERHILL
ELIZABETH KREITNER
UNDERHILL
DB 31286 PG 514
PB 25 PG 821

67

JOHN PETER MIANO
AMY H. MIANO
DB 30695 PG 508
PB 25 PG 821

68

DENNIS SELF JR.
MOLLY R SELF
DB 20184 PG 789
PB 25 PG 821

54

PAGE'S POND HOMEOWNER ASSN INC
DB 7812 PG 467
PB 22 PG 186
PB 22 PG 609

-Y4- PC Sta. 10+00.00=
-Y3- POT Sta. 20+75.31

69

BRYAN PAMER
ANGELA FLETCHER
DB 34633 PG 72
PB 22 PG 609

70

DAVID W. CANADAY
JULIE L. CANADAY
DB 36670 PG 284
PB 22 PG 609

8/17/99

5/1/2026
C:\Users\j\OneDrive - WSP_0365\Desktop\Stuff For Sierra\R-2632AB\IR-2632AB-rdy_psh_17_CLEARING.dgn
C:\Users\j\OneDrive - WSP_0365\Desktop\Stuff For Sierra\R-2632AB\IR-2632AB-rdy_psh_17_CLEARING.dgn

MATCHLINE SHEET 16 -Y4- STA. 14+00

66
JAMES COY MAYES
G. R. MAYES JR
DB 2047 PG 401

66
JAMES COY MAYES
G. R. MAYES JR
DB 2047 PG 401

-Y4-	
PI Sta 13+65.65	PI Sta 19+48.83
$\Delta = 68^{\circ} 54' 06.0''$ (RT)	$\Delta = 60^{\circ} 01' 20.0''$ (LT)
$D = 10^{\circ} 44' 58.8''$	$D = 10^{\circ} 44' 58.8''$
$L = 640.97'$	$L = 558.36'$
$T = 365.65'$	$T = 307.87'$
$R = 533.00'$	$R = 533.00'$
$e = 06'$	$e = 06'$
$Lr = 126'$	$Lr = 126'$

MATCHLINE SHEET 14

57
JAMES COY MAYES
G. R. MAYES JR
DB 2047 PG 401

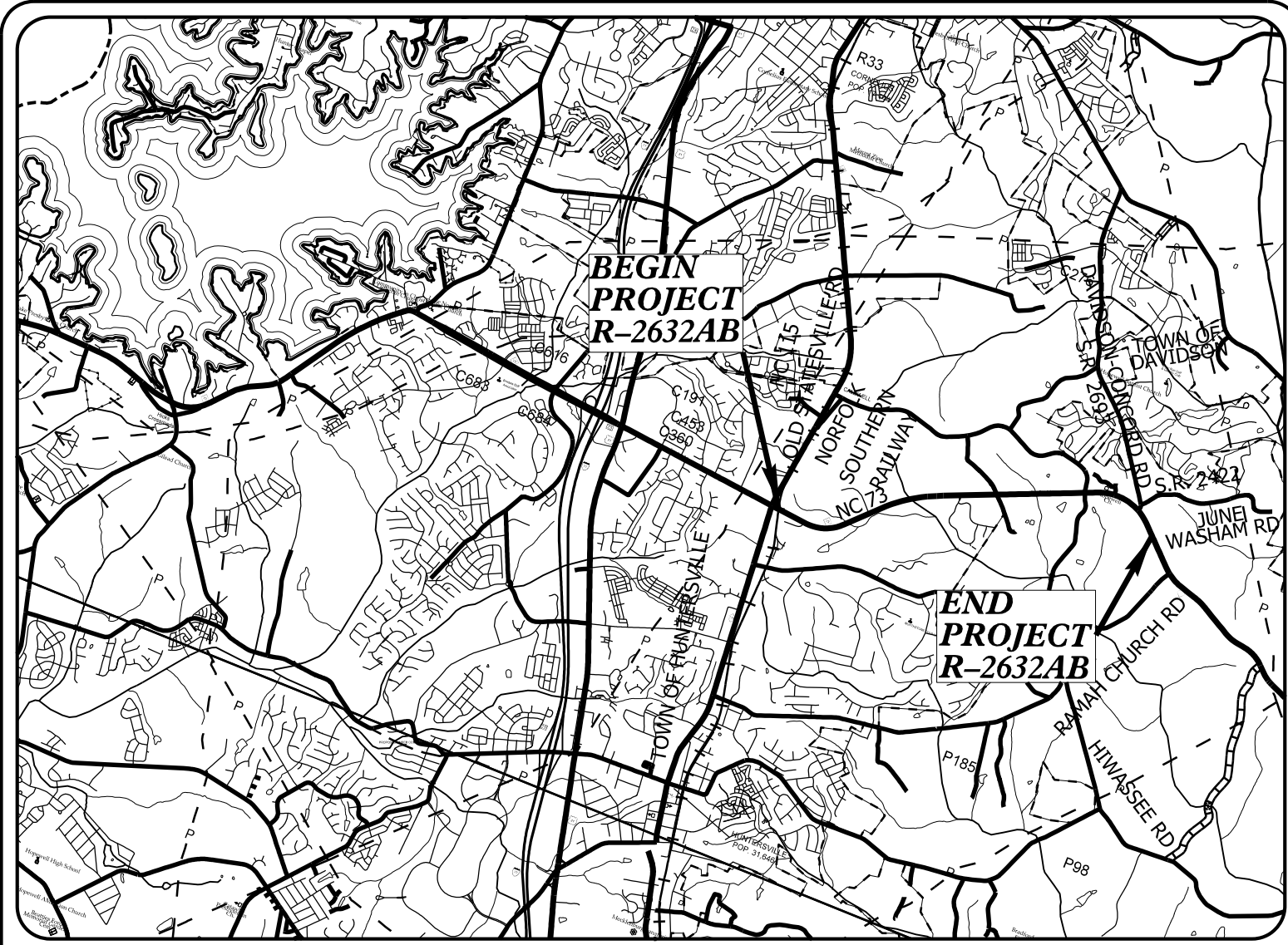
NAD 83/
NA 2011

PROJECT REFERENCE NO.		SHEET NO.	
R-2632AB		17	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
wsp 1001 Morehead Square Dr., Suite 610, Charlotte NC, 28203 NC LIC NO. F-0165			

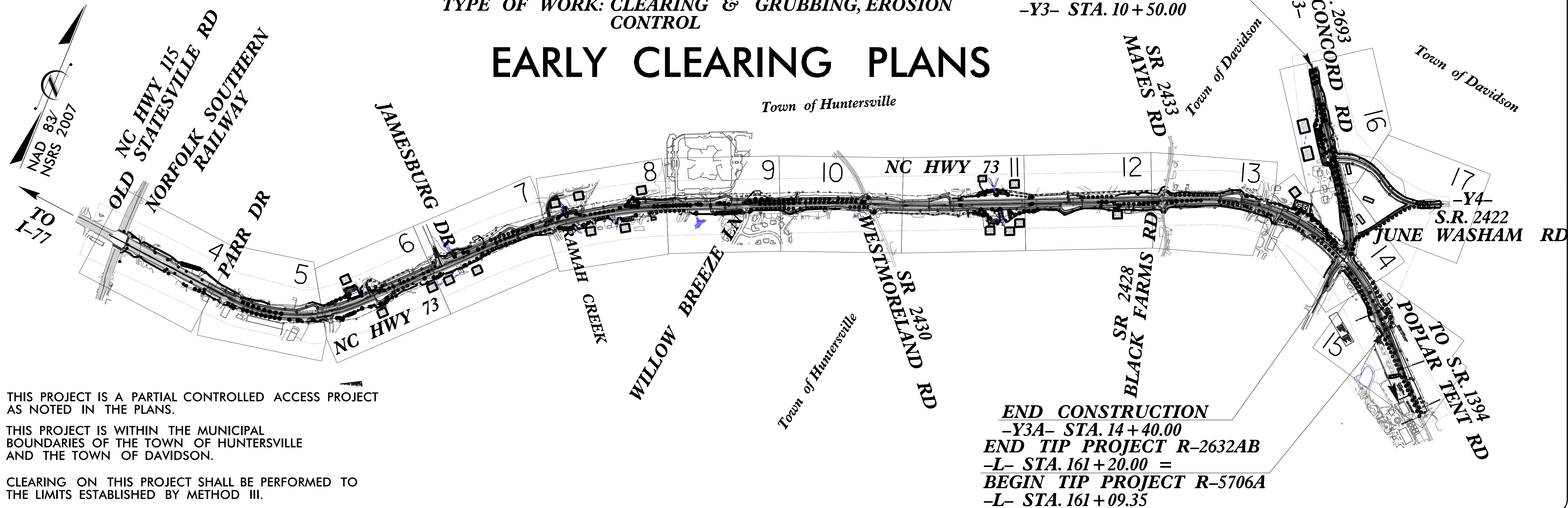
CLEARING

SEE SHEET 25 FOR -Y4- PROFILE

TIP PROJECT: R-2632AB



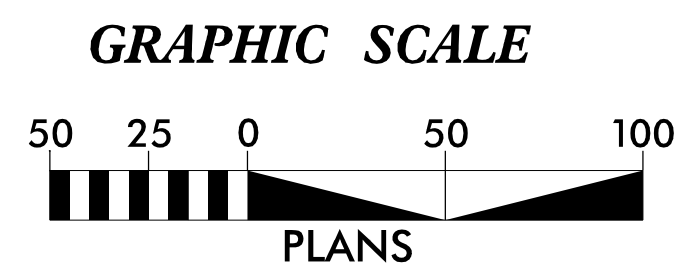
VICINITY MAP
NOT TO SCALE



THIS PROJECT IS A PARTIAL CONTROLLED ACCESS PROJECT AS NOTED IN THE PLANS.

THIS PROJECT IS WITHIN THE MUNICIPAL BOUNDARIES OF THE TOWN OF HUNTERSVILLE AND THE TOWN OF DAVIDSON.

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III.



THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY WITH THE APPLICABLE REGULATIONS SET FORTH BY THE NCG-010000 GENERAL CONSTRUCTION PERMIT ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY DIVISION OF ENERGY, MINERAL AND LAND RESOURCES.



Prepared In the Office of:

WSP
434 FAYETTEVILLE ST
SUITE 1500
RALEIGH, NC 27601

LICENSE F-0165

Designed by:

Victoria Fyfe, PE
NAME

4319
LEVEL III CERTIFICATION NO.

Roadway Standard Drawings

The "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2024 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PLAN FOR PROPOSED
HIGHWAY EROSION CONTROL

MECKLENBURG COUNTY

LOCATION: NC HWY 73 FROM NC HWY 115 TO S.R. 2693 DAVIDSON-CONCORD RD

TYPE OF WORK: CLEARING & GRUBBING, EROSION CONTROL

BEGIN CONSTRUCTION
-Y3- STA. 10+50.00

EARLY CLEARING PLANS

END CONSTRUCTION
-Y3A- STA. 14+40.00
END TIP PROJECT R-2632AB
-L- STA. 161+20.00 =
BEGIN TIP PROJECT R-5706A
-L- STA. 161+09.35

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2632AB	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
38824.1.2	STP-0073 (047)	PE	

THIS PROJECT CONTAINS
EROSION CONTROL PLANS
FOR CLEARING AND
GRUBBING PHASE OF
CONSTRUCTION.

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
R-2632AB	EC-02
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

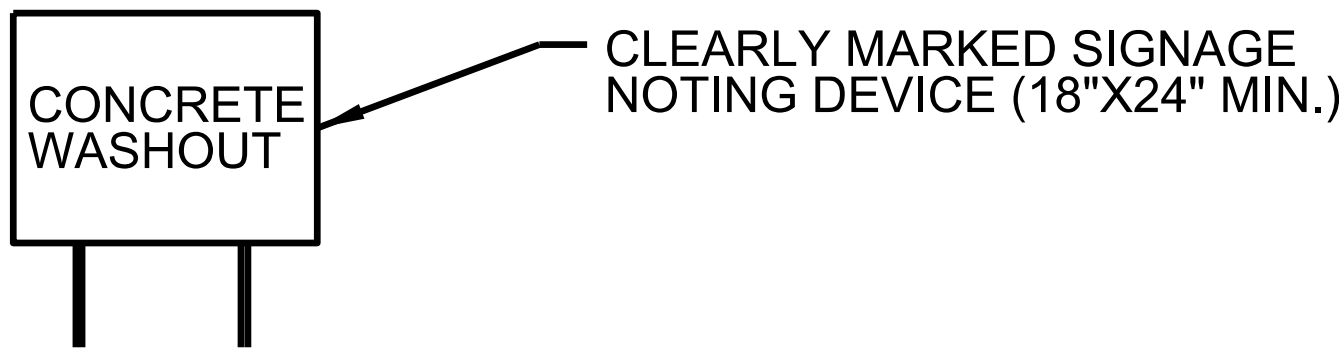
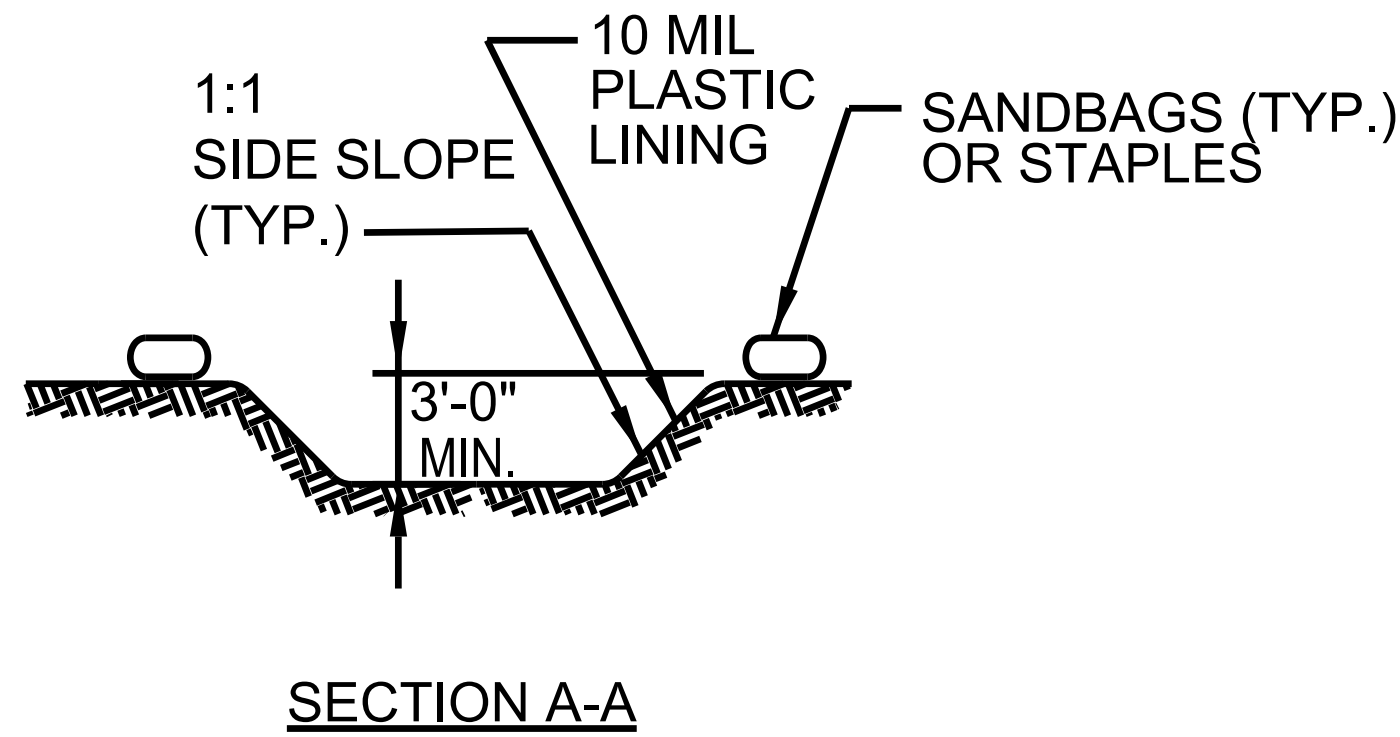
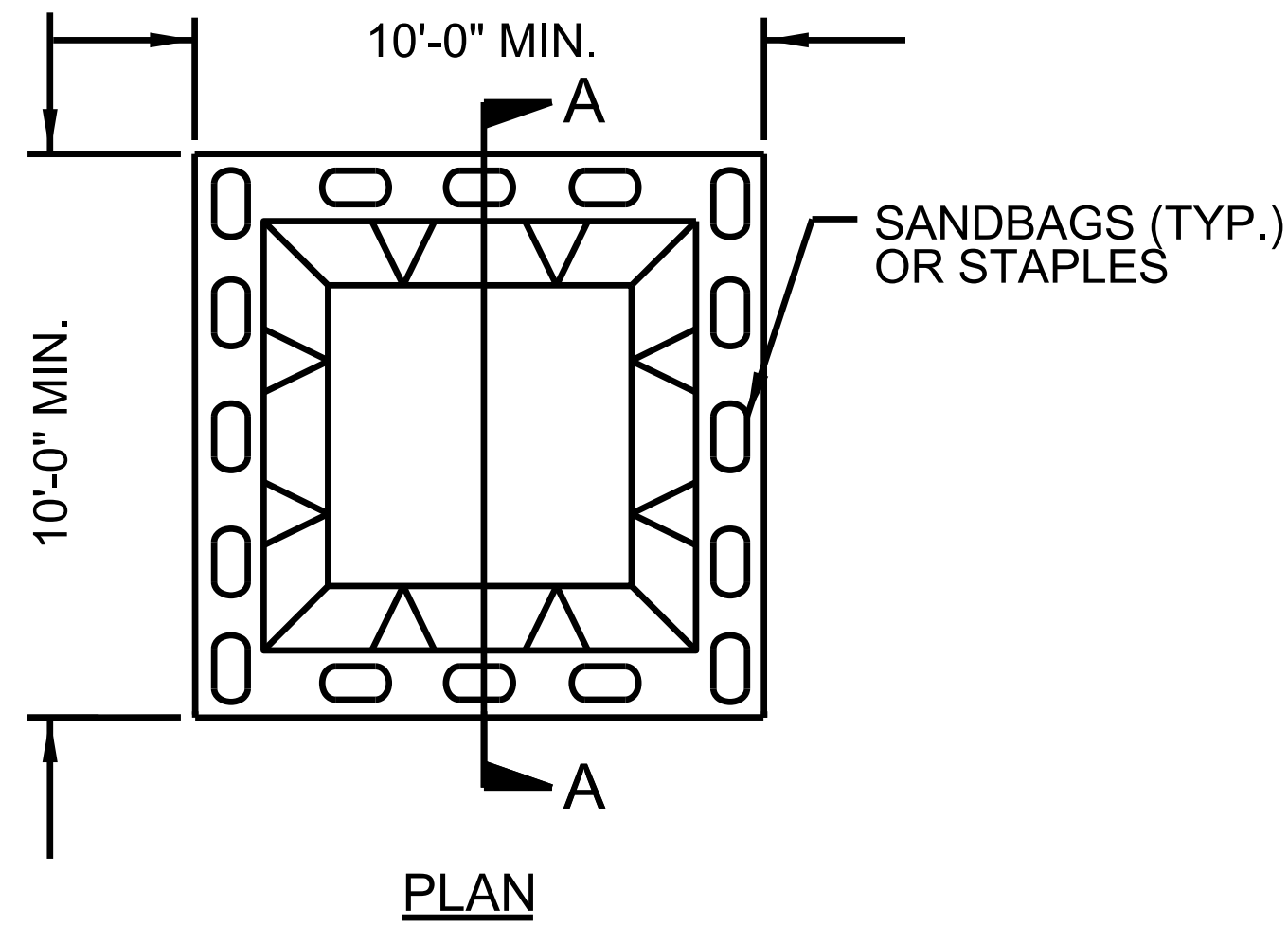
EROSION & SEDIMENT CONTROL LEGEND

Std. #	Description	Symbol
1605.01	Temporary Silt Fence	
1606.01	Special Sediment Control Fence	
1622.01	Temporary Berms and Slope Drains	
1630.02	Silt Basin Type B	
1630.03	Temporary Silt Ditch	
1630.04	Stilling Basin	
1630.05	Temporary Diversion	
1630.06	Special Stilling Basin	
1630.07	Skimmer Basin	
1630.08	Tiered Skimmer Basin	
1630.09	Earthen Dam with Skimmer	
	Infiltration Basin	
	Rock Inlet Sediment Trap:	
1632.01	Type A	
1632.02	Type B	
1632.03	Type C	

Std. #	Description	Symbol
1633.01	Temporary Rock Silt Check Type A	
1633.02	Temporary Rock Silt Check Type B	
1633.03	Temporary Rock Silt Check Type A with Excelsior Matting and Flocculant	
1634.01	Temporary Rock Sediment Dam Type A	
1634.02	Temporary Rock Sediment Dam Type B	
1635.01	Rock Pipe Inlet Sediment Trap Type A	
1635.02	Rock Pipe Inlet Sediment Trap Type B	
1636.01	Excelsior Wattle Check	
1636.01	Excelsior Wattle Check with Flocculant	
1636.01	Coir Fiber Wattle Check	
1636.01	Coir Fiber Wattle Check with Flocculant	
1636.02	Silt Fence Excelsior Wattle Break	
	Silt Fence Coir Fiber Wattle Break	
1636.03	Excelsior Wattle Barrier	
1636.03	Coir Fiber Wattle Barrier	

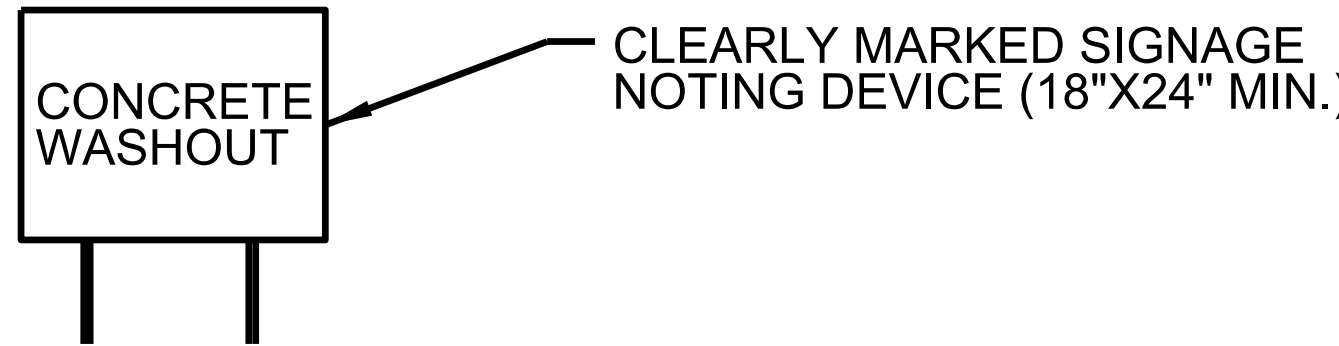
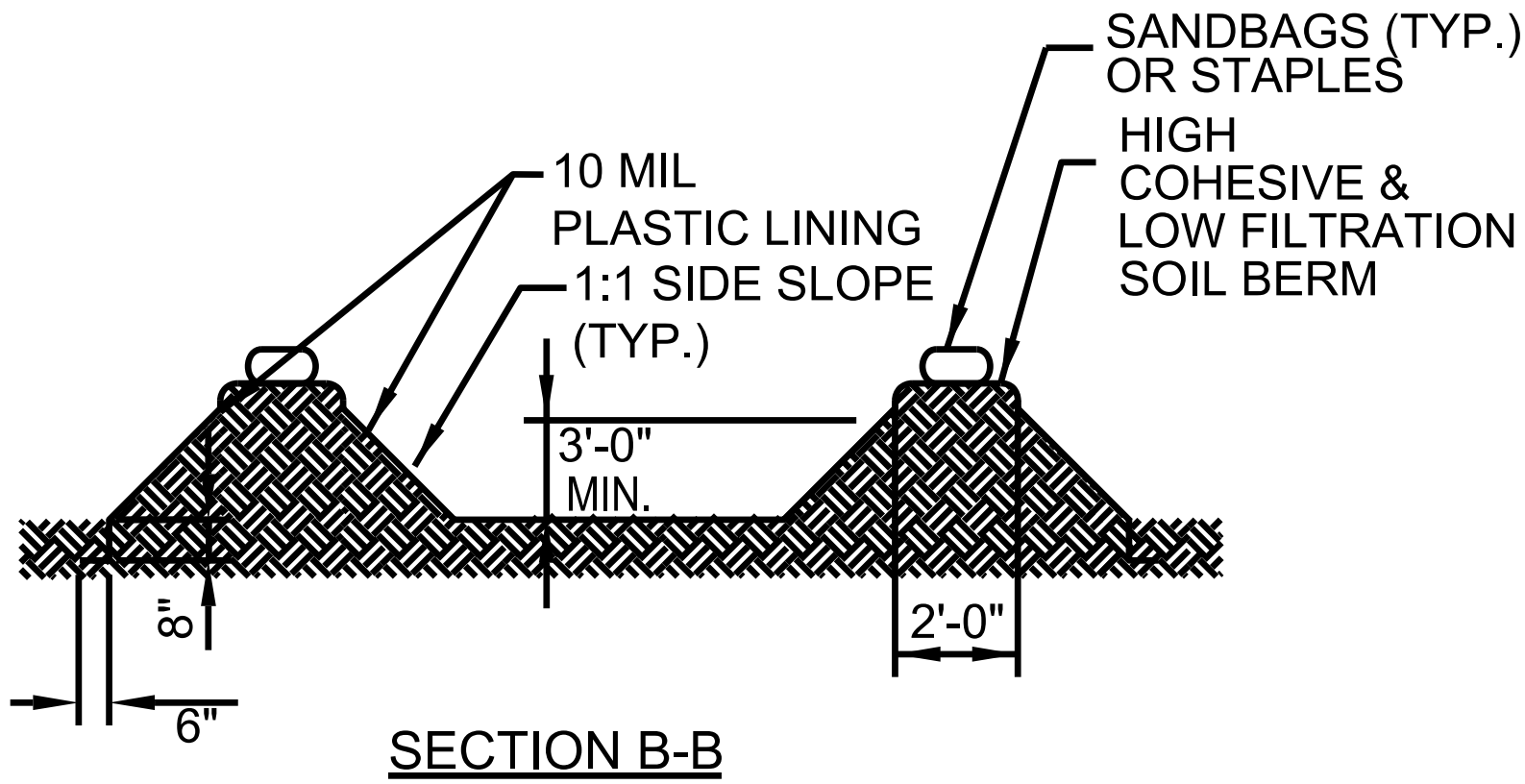
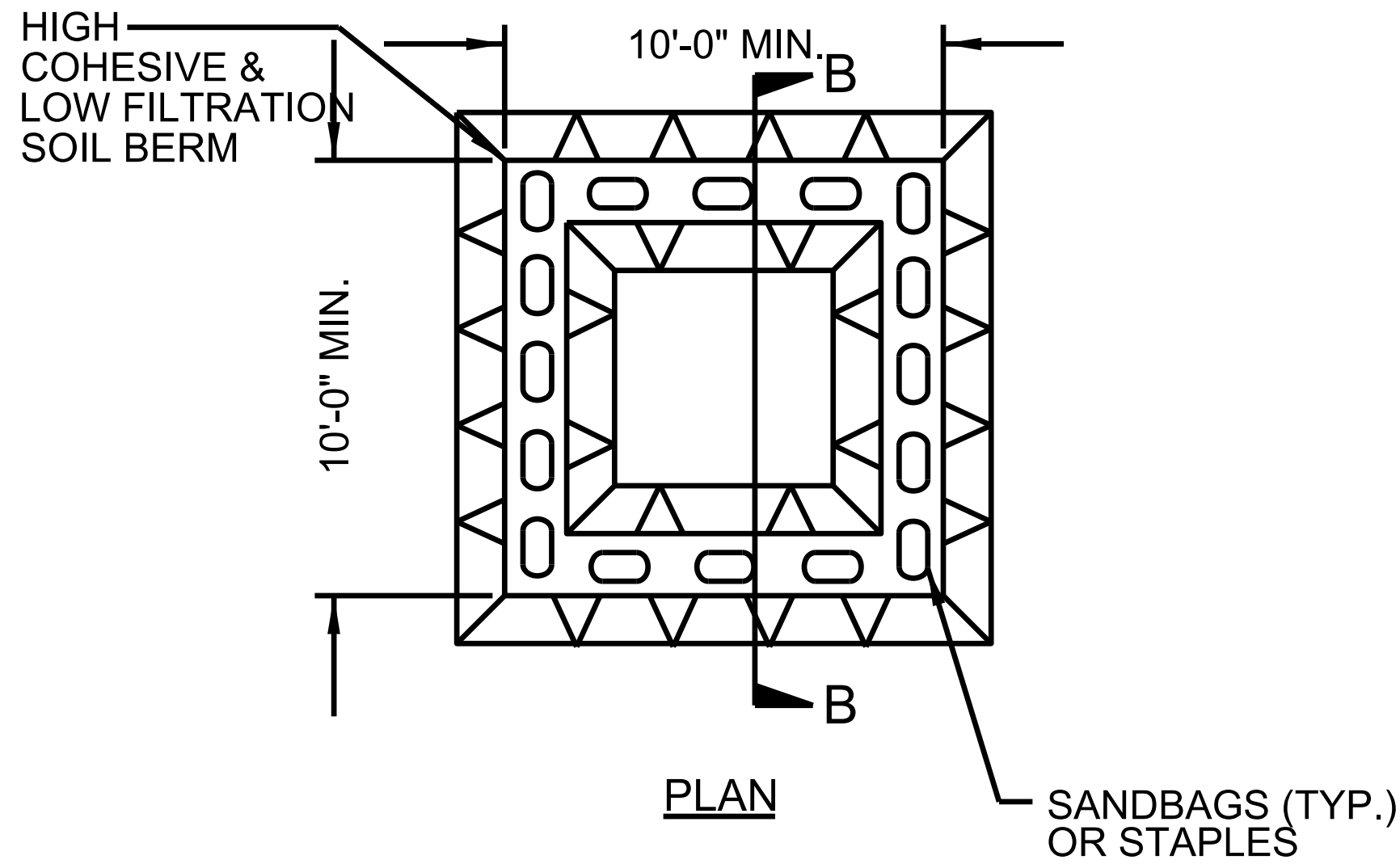
PROJECT REFERENCE NO.	SHEET NO.
<i>R-2632AB</i>	<i>EC-2A</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER



BELOW GRADE WASHOUT STRUCTURE
NOT TO SCALE

- NOTES:
1. ACTUAL LOCATION DETERMINED IN FIELD
 2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.
 3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.



ABOVE GRADE WASHOUT STRUCTURE
NOT TO SCALE

- NOTES:
1. ACTUAL LOCATION DETERMINED IN FIELD
 2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.
 3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

PROJECT REFERENCE NO.	SHEET NO.
R-2632AB	EC-3C
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SOIL STABILIZATION TIMEFRAMES

SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 TO 4:1	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH WITH SLOPES STEEPER THAN 4:1. 7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES PERIMETER SLOPES, AND HQW ZONES
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES PERIMETER SLOPES, AND HQW ZONES

REVISIONS

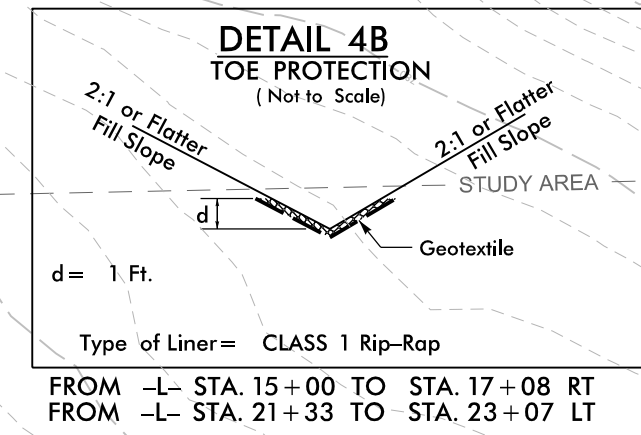
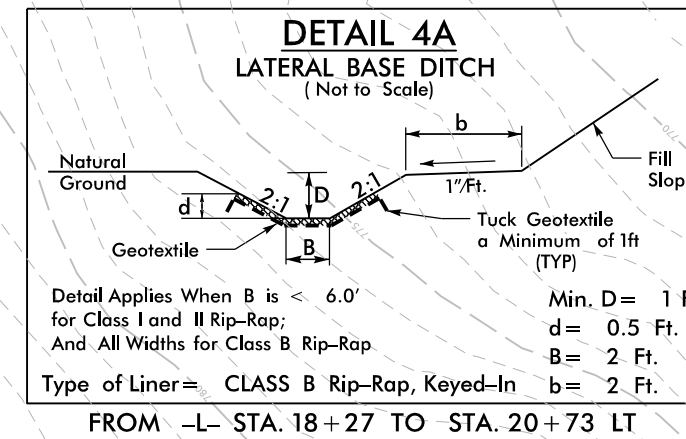
REVISED	DATE	DESCRIPTION
1	9/01/2023	Revised TOE, ROW, DUE, and added PDE to Parcel 2. Added TCE and PUE on Parcel 5. Added parcel 76 and TCE.
2	10/04/2024	Revised sidewalk to be MUP at the beginning of the project.

REVISIONS

I6-JUN-2026 17:16
\\Erosion Control\PSH\R-2632AB-EC-psh-04.dgn

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

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 4



MICHAEL GREY KELLY
JUDITH K CALDWELL
ELIZABETH L KNOX
SANDRA KNOX
DB 25913 PG 788

SANDRA L KNOX
MICHAEL GREY KELLY
JUDITH K CALDWELL
JAMES L & KAREN Z AUTEN
BETTY (TRUST) BROTHERTON
CHARLES E KNOX JR
ELIZABETH L KNOX
DB 25913 PG 788

TOE PROTECTION
W/CLASS I RIP-RAP
(SEE DETAIL 4B)

THE KATZ FAMILY TRUST OF JULY 13, 1990
DB 31829 PG 132
PB 46 PG 919

HUNTERSVILLE CROSSING
REAL ESTATE LLC.
DB 18217 PG 53
PB 46 PG 919

HUNTERSVILLE CROSSING REAL ESTATE LLC
DB 20845 PG 87
PB 46 PG 919

RYLAND A. WINSTON JR.
DB 9760 PG 871
PB 29 PG 343

IRIOS TSILIMOS
6448 PG 512
24 PG 177

LCV INVESTMENTS LLC
DB 9107 PG 594
PB 28 PG 411

EDWARDS ENTERPRISES INC
DB 10742 PG 441
PB 22 PG 826

SWEETGRASS HOLDINGS LLC.
DB 24717 PG 232
PB 22 PG 826

CBH PROPERTIES HUNTERSVILLE LLC.
DB 29153 PG 831
PB 56 PG 31

NOTE:

1. ALL DRIVEWAY APRONS 20' UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL COORDINATE WITH THE NORFOLK SOUTHERN SIGNALS DEPARTMENT FOR PROTECTION OF THEIR FACILITIES IMPACTED BY THE PROPOSED CONSTRUCTION.
3. THE CONTRACTOR WILL NOT BE PERMITTED TO STORE ANY EQUIPMENT ON CITY PROPERTY/NS OPERATIONS WITHOUT PERMISSION FROM THE CITY OF CHARLOTTE AND NS RAILROAD ENGINEER IN ACCORDANCE WITH PAGE E-12, SECTION K.1 OF THE NS PUBLIC PROJECTS MANUAL.
4. NORFOLK SOUTHERN FORCES WILL INSTALL THE PROPOSED PEDESTRAIN CROSSING TO 2'-0" BEYOND THE OUTSIDE EDGE OF EACH RAIL AT THE SPONSOR'S EXPENSE. THE CONTRACTOR WILL BE RESPONSIBLE TO INSTALL THE REMAINING PORTION OF THE CROSSING. NORFOLK SOUTHERN REQUIRES THAT THE CROSSING GRADE BE 0% FROM THE EDGE OF RAIL TO 3'-0" BEYOND EDGE OF RAIL ON BOTH SIDES AND 2% MAX GRADE FOR AN ADDITIONAL 5' BEYOND THE 13'-0" DIMENSION.
5. CONTRACTOR WILL NEED TO SIGN A CONTRACTOR RIGHT OF ENTRY AGREEMENT FOR CONSTRUCTION IN RAILROAD RIGHT OF WAY.

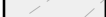
 PROPOSED MILL & RESURFACE

 PROPOSED C&G, SIDEWALK AND CONCRETE MONOLITHIC ISLAND

SEE SHEET 18 FOR -L- PROFILE

MATCHLINE SHEET 5 -L- STA. 23+00

NOTE:
ALL DRIVEWAY APRONS 20'
UNLESS OTHERWISE NOTED.

	PROPOSED MILLING, RESURFACING, AND PAVEMENT REPLACEMENT
	PROPOSED ASPHALT SIDE PATH
	PROPOSED C&G, SIDEWALK AND CONCRETE MONOLITHIC ISLAND

SEE SHEET 18 FOR -L- PROFILE

-L-

Pl Sta 31+94.30
 $\Delta = 47^{\circ} 13' 06.7''$ (LT)
 $D = 3^{\circ} 28' 20.9''$
 $L = 1,359.80'$
 $T = 721.19'$
 $R = 1,650.00'$
 $e = 04$
 $Lr = 192'$

DETAIL 1
SPECIAL LATERAL 'V' DITCH
 (Not to Scale)

Natural Ground

2:1

D

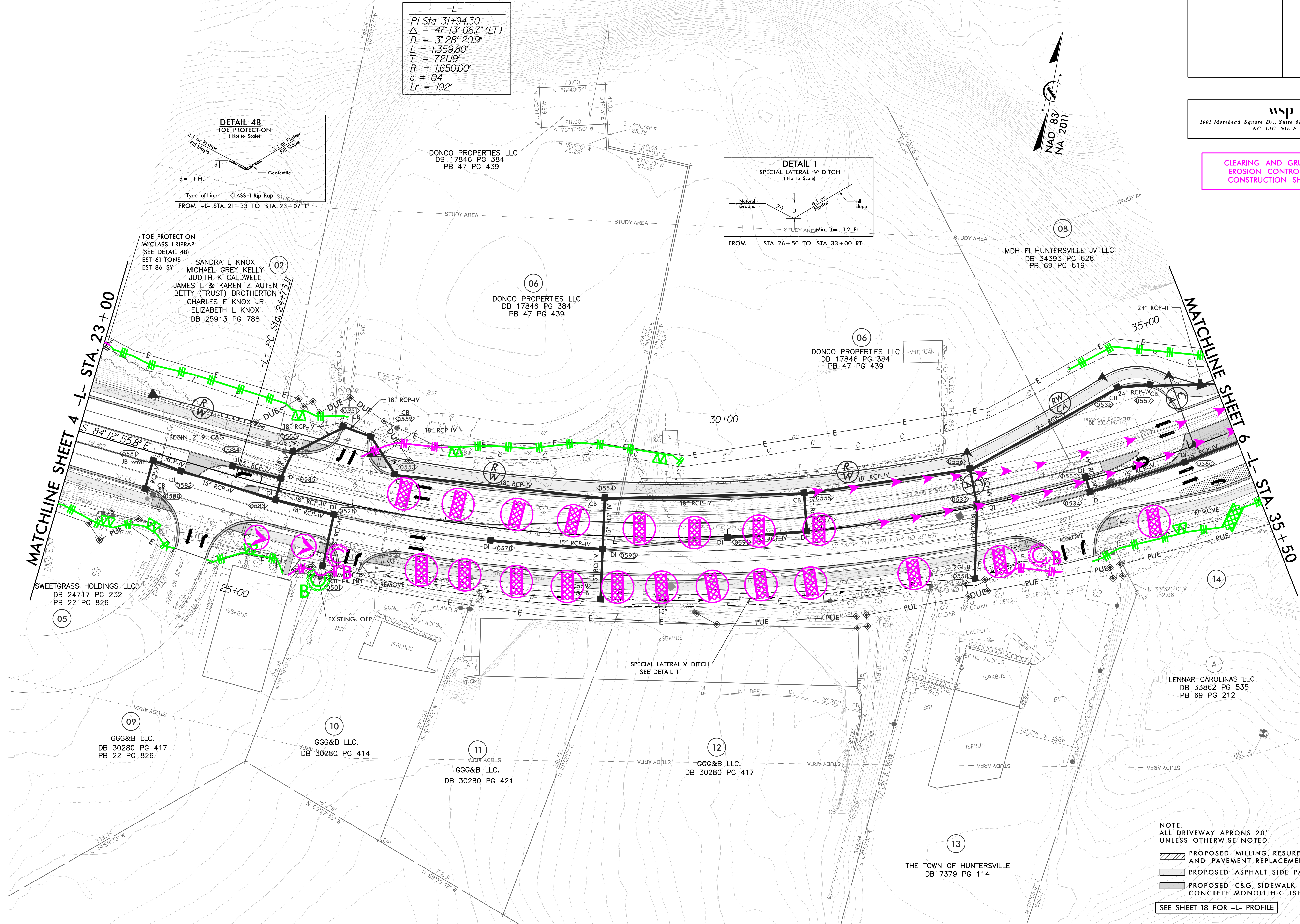
4:1 or Flatter

Fill Slope

STUDY AREA

Min. D = 1.2 Ft.

FROM -L- STA. 26+50 TO STA. 33+00 RT



R/W Rev 1: 10/04/2023 Revised TCE, ROW, DUE, and added PDE to parcel 2. Revised TCE and PUE on parcel 5. Revised TCE and ROW on parcel 6.
 Design Rev 1: 10/04/2024 Revised Sidewalk to be MUP at the beginning of the project. Revised several areas due to updated survey and new developments.
 R/W Rev 3: 11/26/2024 Revised TCE, ROW, and DUE to parcel 2. Revised TCE and PUE on parcel 5. Revised TCE and ROW on parcel 6. Revised TCE on parcel 9.
 R/W Rev 7: 10/27/2025 Revised TCE on parcel 9.
 REVISIONS

REVISIONS

8/17/99

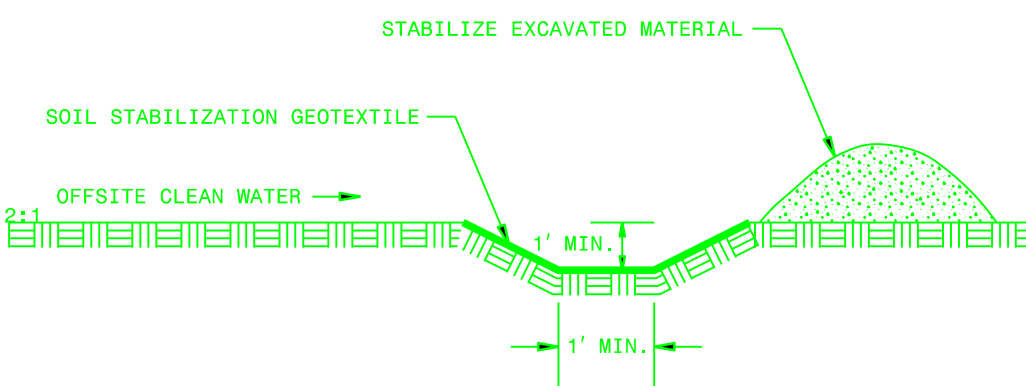
05-JUN-2026 14:20
X:\Erosion Control\PSH\R-2632AB-EC-psh-05.dgn
User: PSH

8/17/99

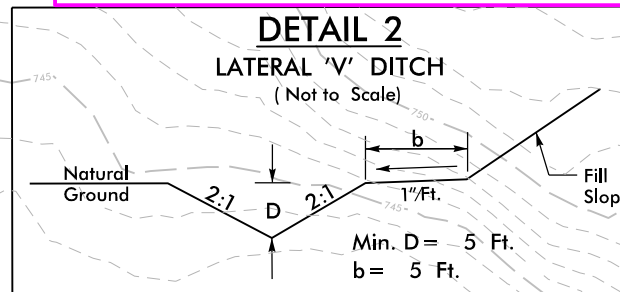
CLEAN WATER DIVERSION

← CWD ← CWD ← CWD ←

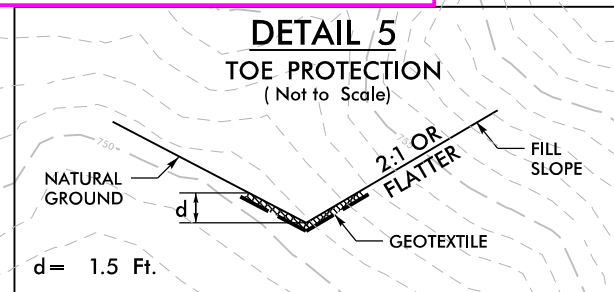
(Not to Scale)



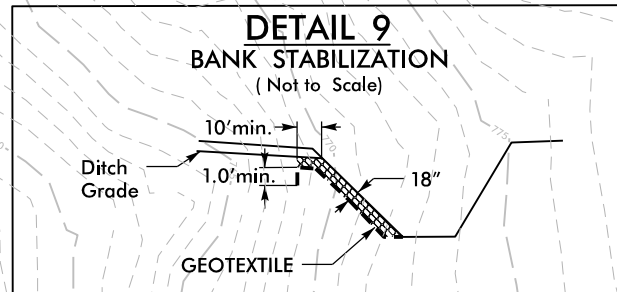
NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.



FROM -L- STA. 37+50 TO STA. 40+50 RT.



FROM -L- STA. 44+50 TO 46+00 RT.

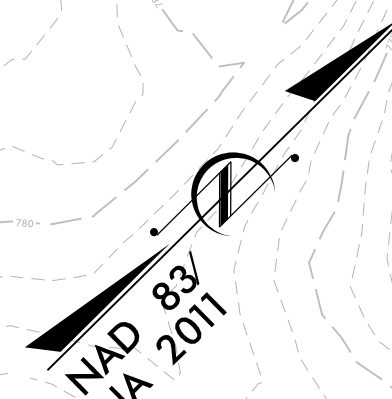


FROM STA. 40+37 TO STA. 40+50 LT

PI Sta 31+94.30
 $\Delta = 47^{\circ}13'06.7''$ (LT)
 $D = 3^{\circ}28'20.9''$
 $L = 1,359.80'$
 $T = 721.9'$
 $R = 1,650.00'$
 $e = 04$
 $Lr = 192'$

PI Sta 39+18.36
 $\Delta = 3^{\circ}54'55.8''$ (LT)
 $D = 2^{\circ}17'30.6''$
 $L = 170.85'$
 $T = 85.46'$
 $R = 2,500.00'$
 $e = 03$
 $Lr = 144'$

-DRI-
PI Sta 11+56.34
 $\Delta = 61^{\circ}46'07.2''$ (RT)
 $D = 57^{\circ}17'44.8''$
 $L = 107.81'$
 $T = 59.81'$
 $R = 100.00'$



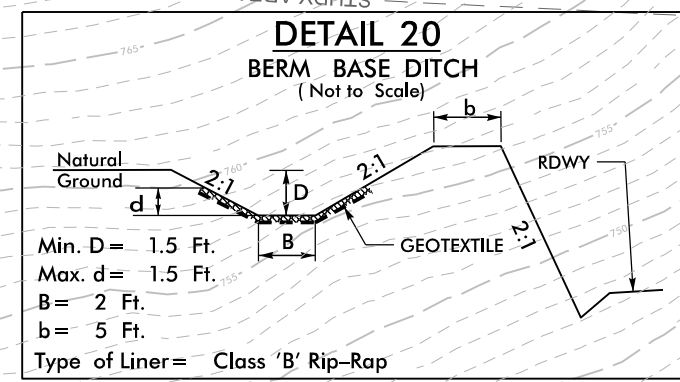
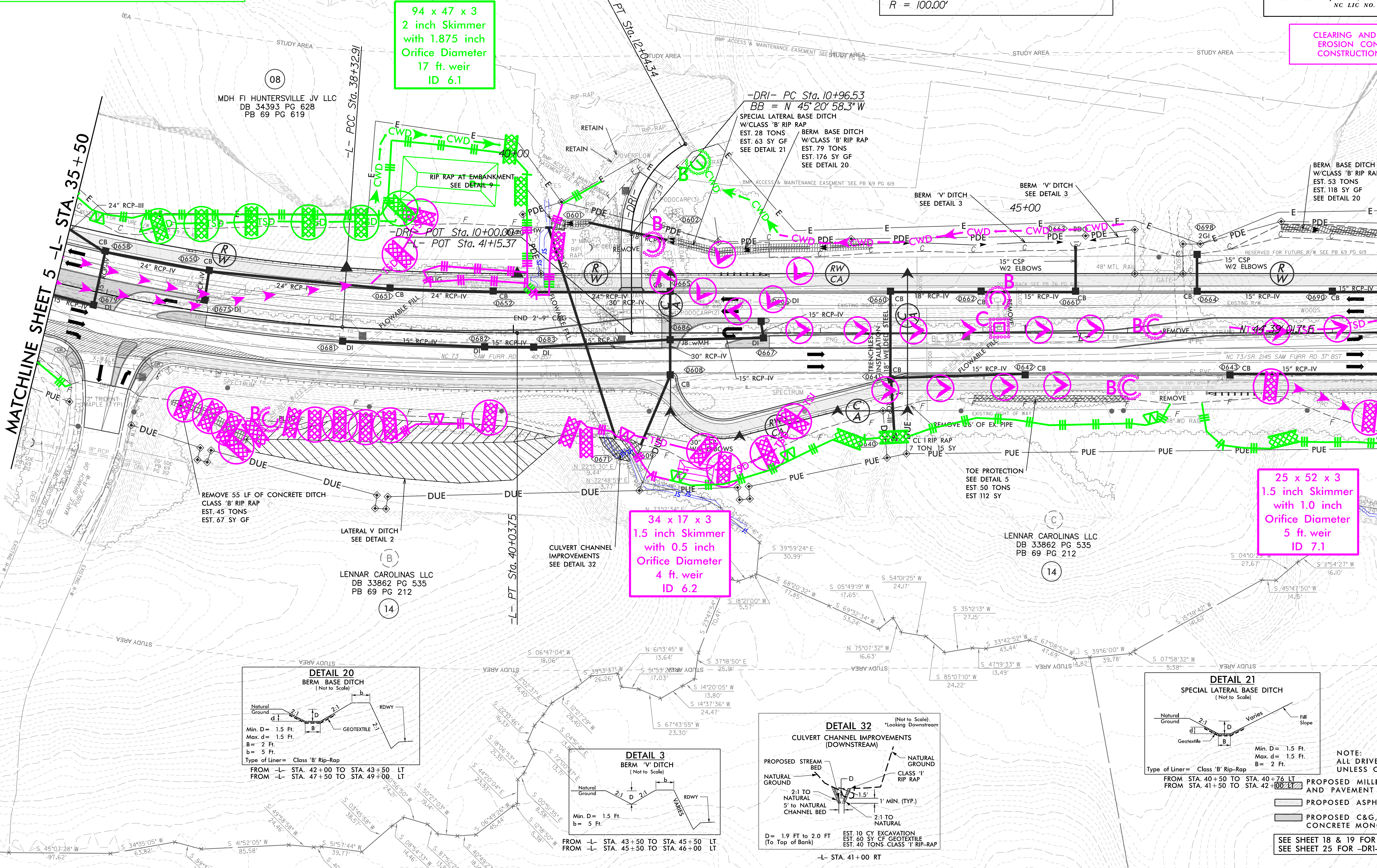
PROJECT REFERENCE NO.	SHEET NO.
R-2632AB	EC-06/CONST.06
R/W SHEET NO.	RW06
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

wsp
1001 Morehead Square Dr., Suite 610, Charlotte NC, 28203
NC LIC NO. F-0165

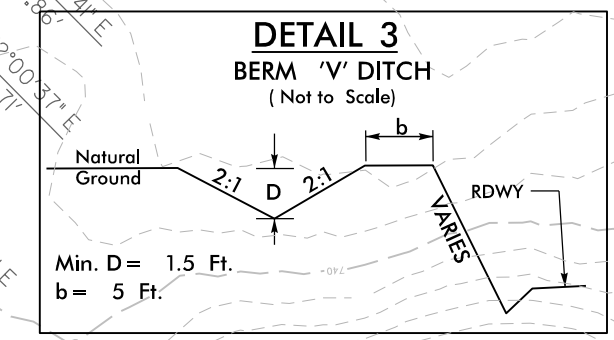
CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 6

MATCHLINE SHEET 5 -L- STA. 35+50

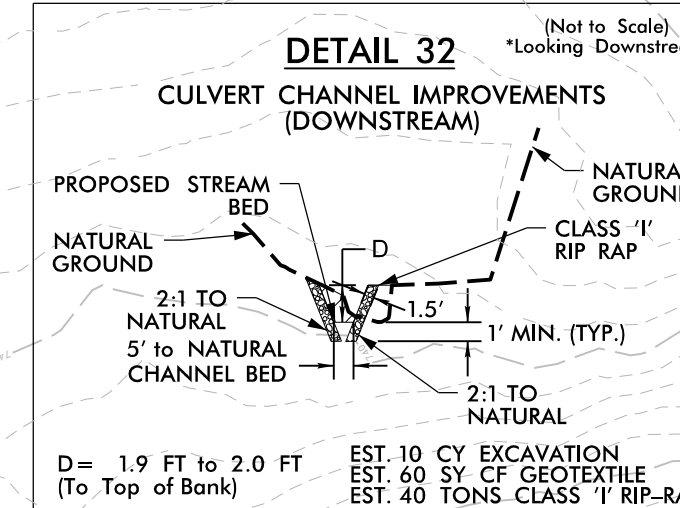
MATCHLINE SHEET 7 -L- STA. 48+50



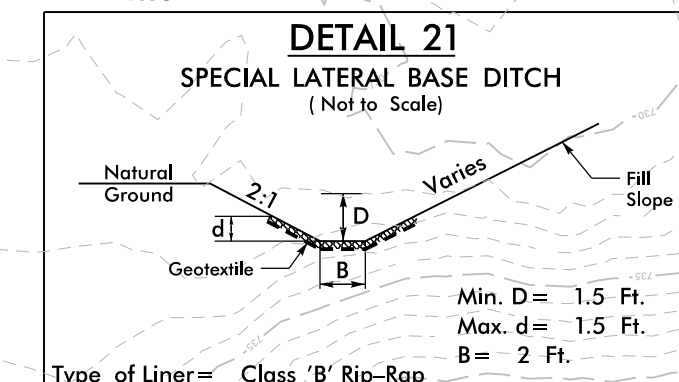
FROM -L- STA. 42+00 TO STA. 43+50 LT
FROM -L- STA. 47+50 TO STA. 49+00, LT



FROM -L- STA. 43+50 TO STA. 45+50 LT
FROM -L- STA. 45+50 TO STA. 46+00 LT



FROM -L- STA. 41+00 RT



FROM STA. 40+50 TO STA. 40+76 LT
FROM STA. 41+50 TO STA. 42+00 LT

NOTE:
ALL DRIVEWAY APRONS 20'
UNLESS OTHERWISE NOTED.

PROPOSED MILLING, RESURFACING,
AND PAVEMENT REPLACEMENT

PROPOSED ASPHALT SIDE PATH

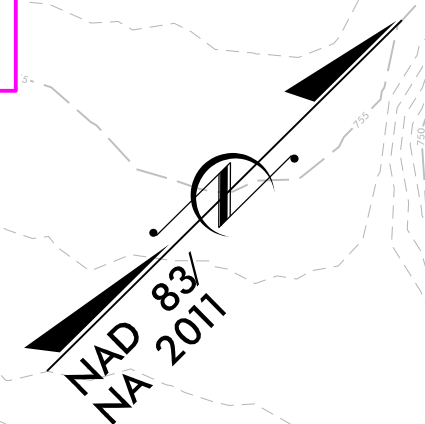
PROPOSED C&G, SIDEWALK AND
CONCRETE MONOLITHIC ISLAND

SEE SHEET 18 & 19 FOR -L- PROFILE
SEE SHEET 25 FOR -DRI- PROFILE

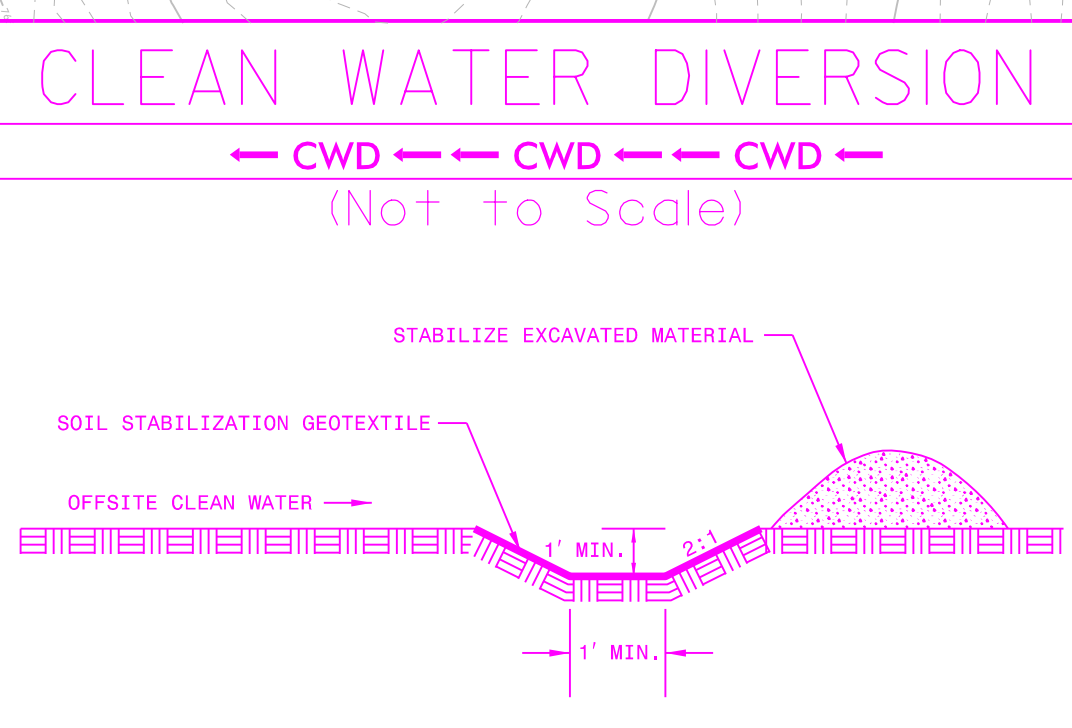
REVISIONS

Design Rev 1: 10/04/2024 Revised several areas due to updated survey and new developments.
Rw Rev 3: 11/26/2024 Revised R/W and TCE on parcel 14.

05-JUN-2026 14:20
Erosion Control.PSH\R-2632AB_EC_psh.06.dgn

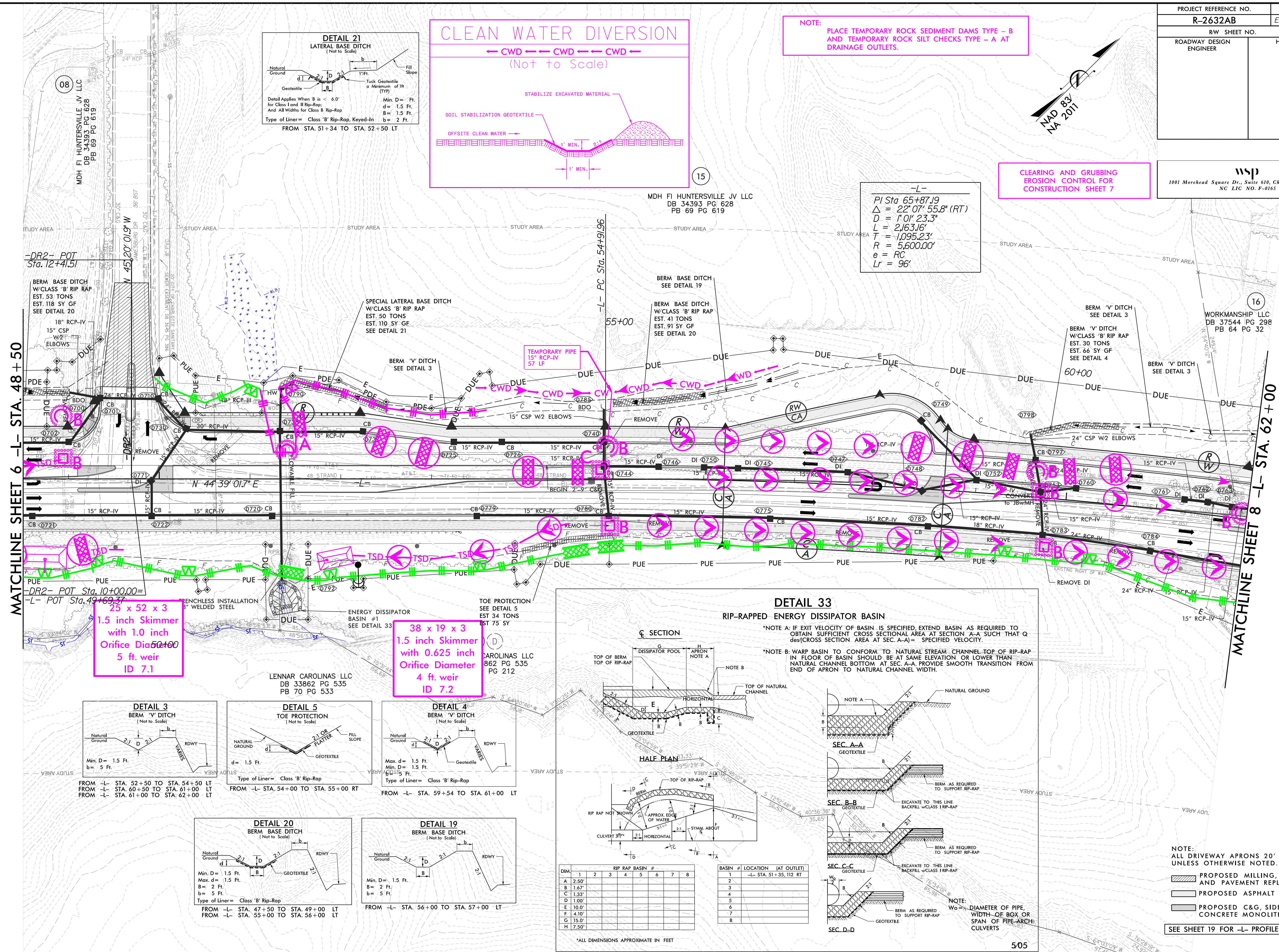
CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 7

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 7



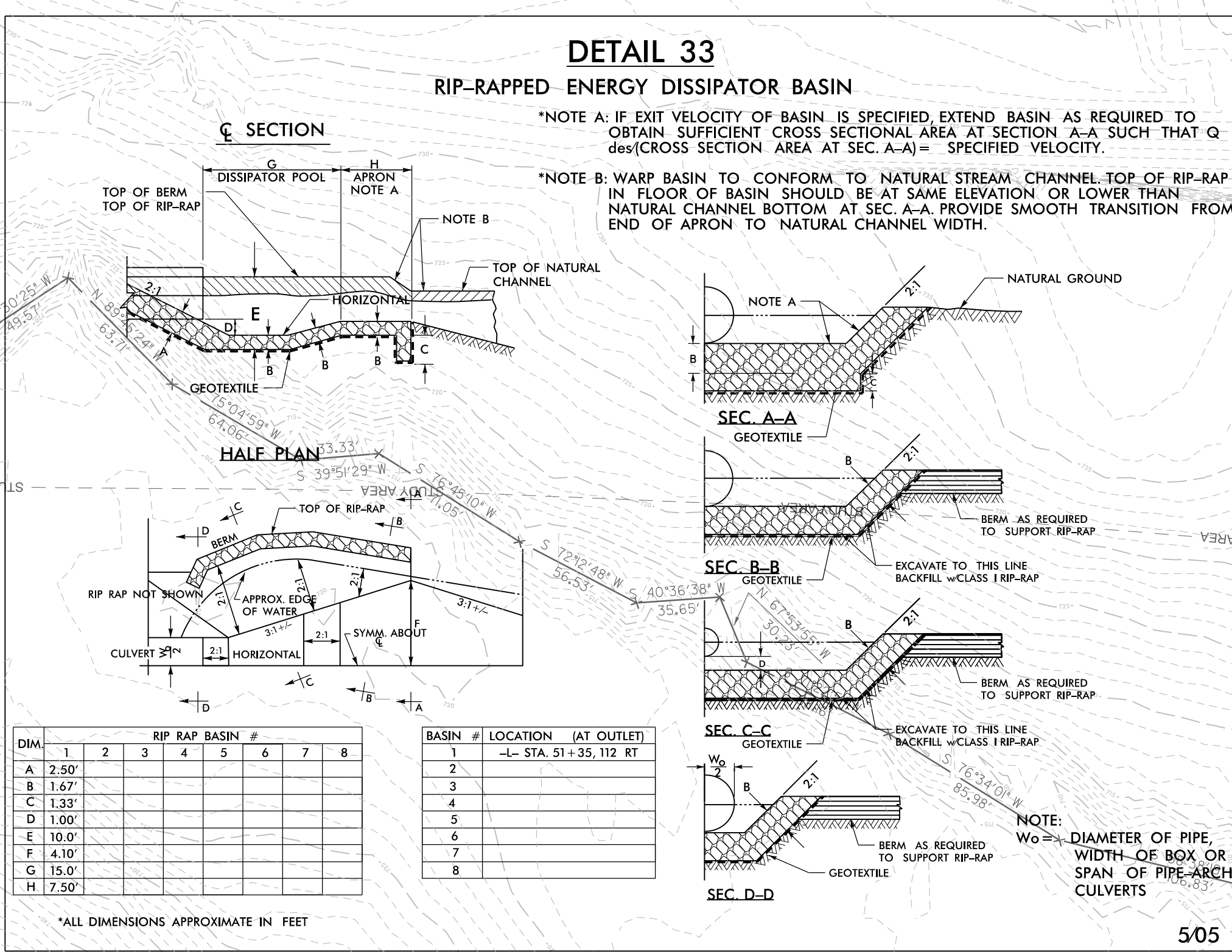
-L-

Pl Sta 65+87.19
 $\Delta = 22^{\circ} 07' 55.8''$ (RT)
 $D = 1^{\circ} 01' 23.3''$
 $L = 2,163.16'$
 $T = 1,095.23'$
 $R = 5,600.00'$
 $e = RC$
 $Lr = 96'$



*NOTE A: IF EXIT VELOCITY OF BASIN IS SPECIFIED, EXTEND BASIN AS REQUIRED TO OBTAIN SUFFICIENT CROSS SECTIONAL AREA AT SECTION A-A SUCH THAT Q DIV (CROSS SECTION AREA AT SEC. A-A) = SPECIFIED VELOCITY.

*NOTE B: WARP BASIN TO CONFORM TO NATURAL STREAM CHANNEL TOP OF RIP-RAP IN FLOOR OF BASIN SHOULD BE AT SAME ELEVATION, OR LOWER THAN NATURAL CHANNEL BOTTOM AT SEC. A-A. PROVIDE SMOOTH TRANSITION FROM END OF APRON TO NATURAL CHANNEL WIDTH.



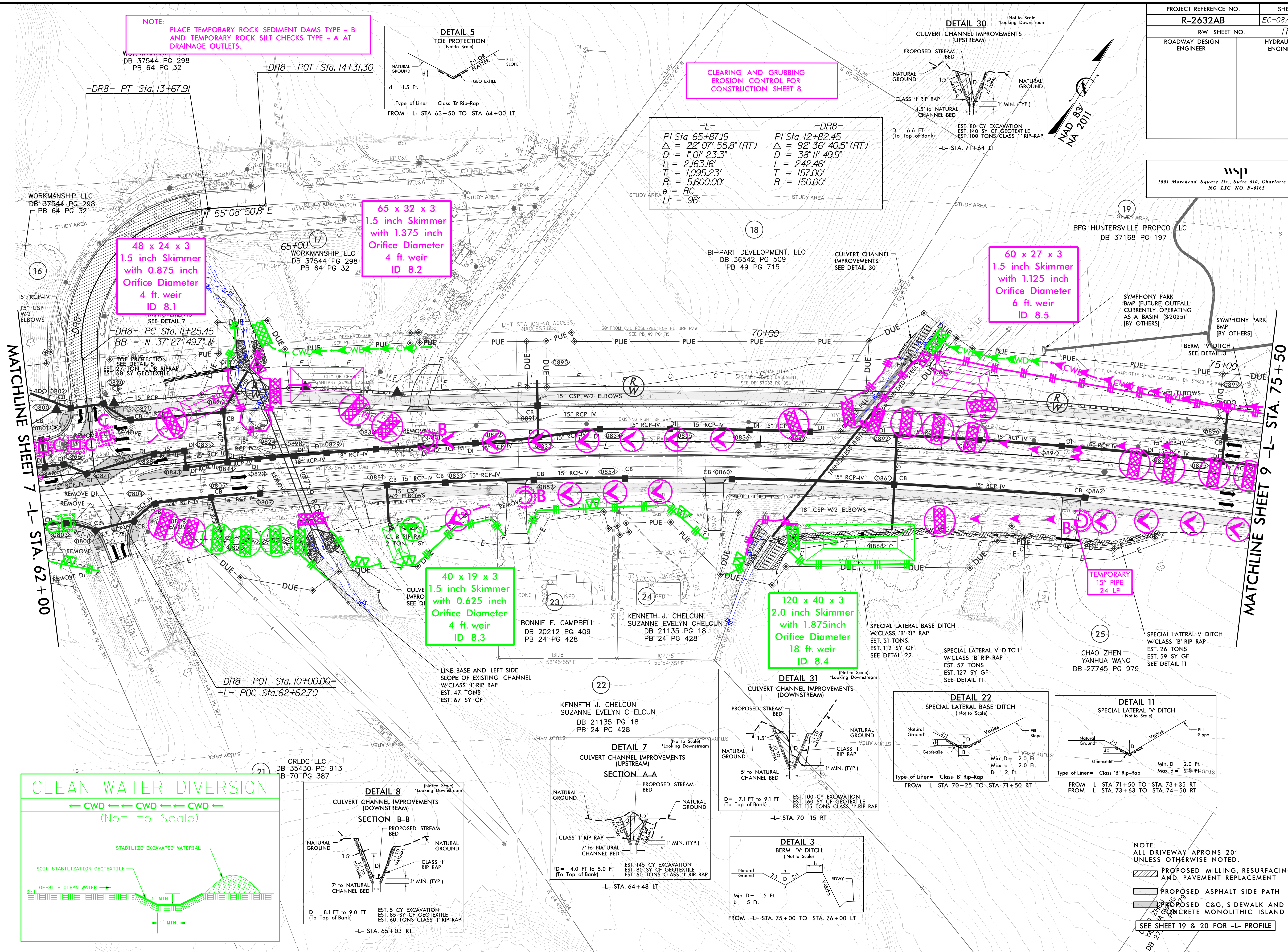
 PROPOSED MILLING, RESURFACING, AND PAVEMENT REPLACEMENT
 PROPOSED ASPHALT SIDE PATH
 PROPOSED C&G, SIDEWALK AND CONCRETE MONOLITHIC ISLAND

SEE SHEET 19 FOR -L- PROFILE

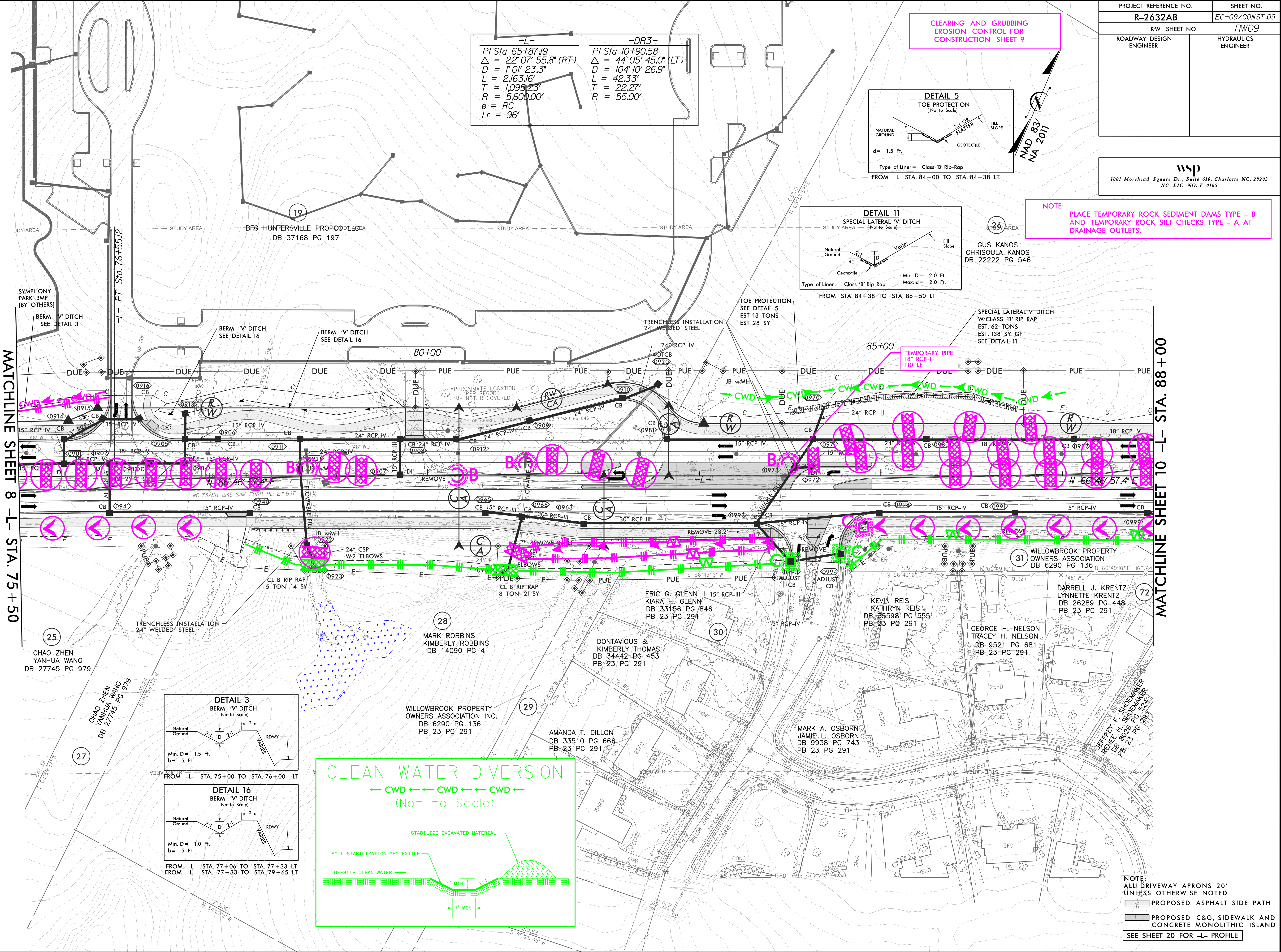
5/05

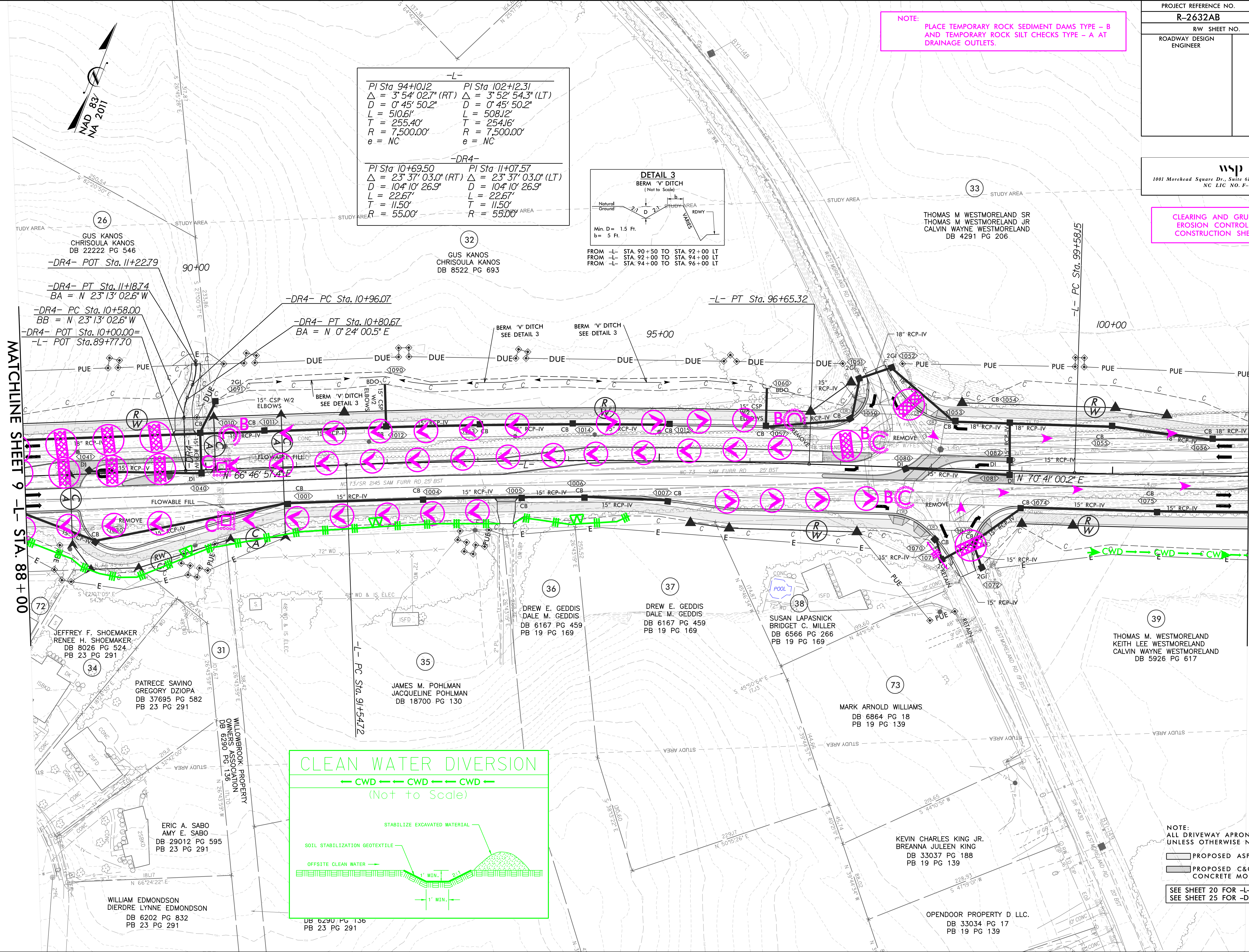
05-JUN-2026 14:21
\\Erosion Control\PSH\R-2632AB-EC-psh-07.dgn

REVISIONS

05-JUN-2026 14:21
\\Erosion Control\PSH\R-2632AB-EC-psh-08.dgn
WSP

REVISIONS

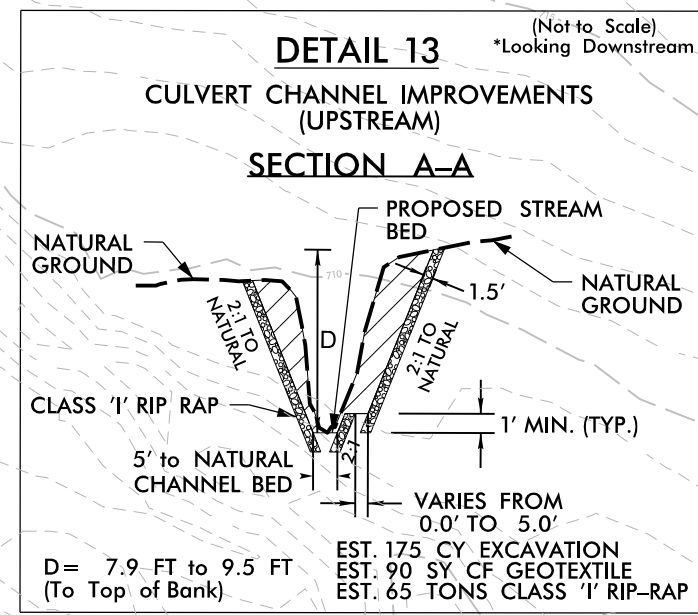
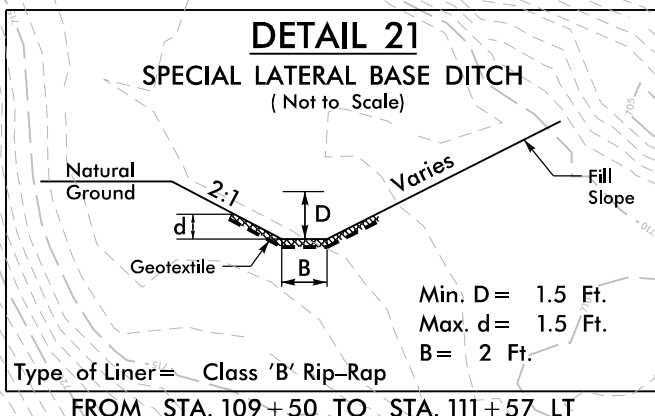
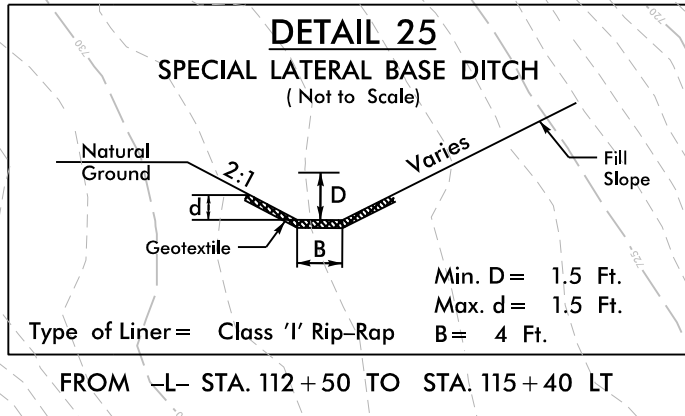
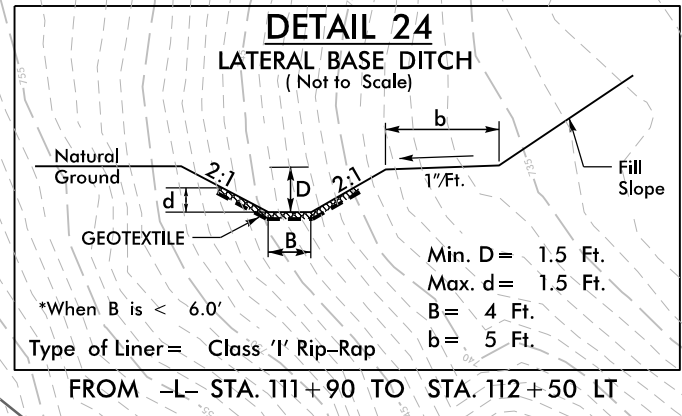




PROJECT REFERENCE NO.		SHEET NO.
R-2632AB		EC-10/CONST.10
RW SHEET NO.		RW10
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	
wsp 1001 Morehead Square Dr., Suite 610, Charlotte NC, 28203 NC LIC NO. F-0165		

8/17/99

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



PROJECT REFERENCE NO.		SHEET NO.	
R-2632AB		EC-II/CONST.II	
RW SHEET NO.		RWII	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

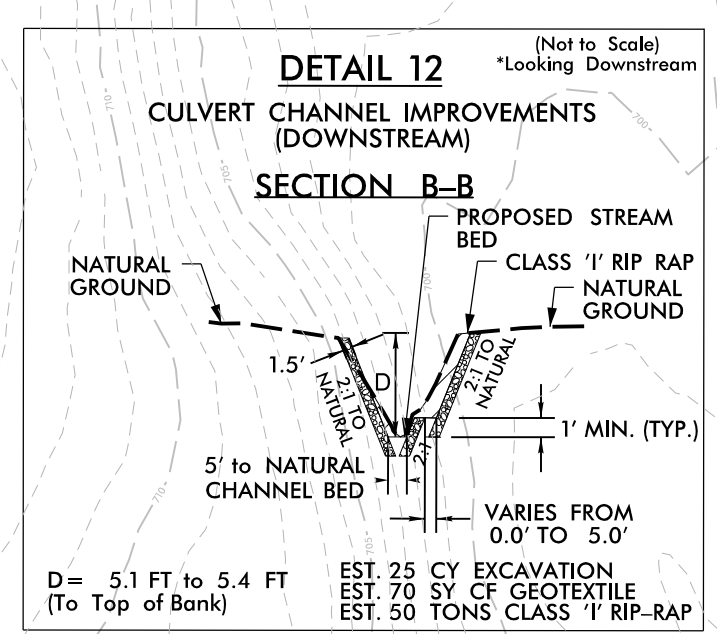
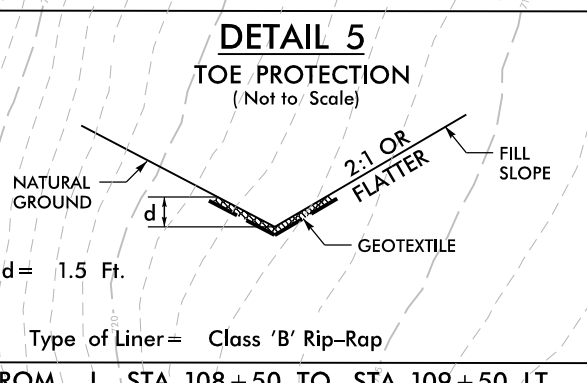
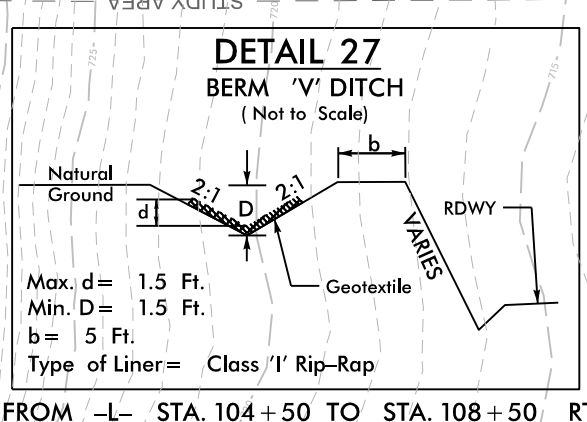
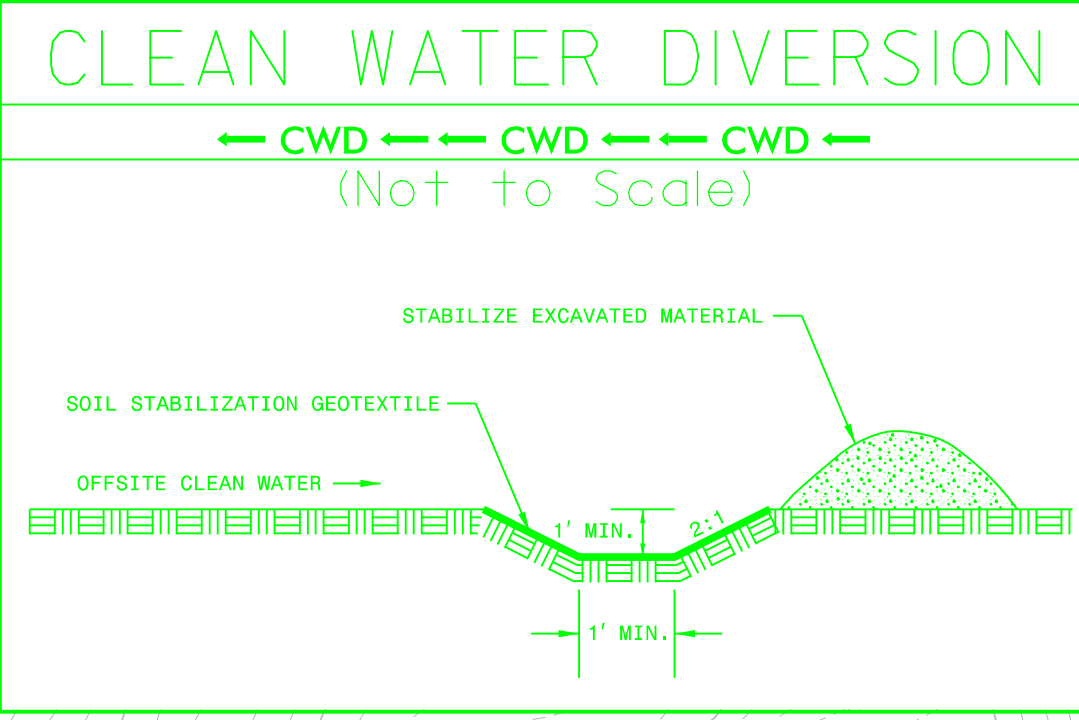
CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 11

80 x 35 x 3
1.5 inch Skimmer
with 1.25 inch
Orifice Diameter
11 ft. weir
ID 11.3

72 x 36 x 3
1.5 inch Skimmer
with 1.375 inch
Orifice Diameter
10 ft. weir
ID 11.4

40 x 20 x 3
1.5 inch Skimmer
with 0.75 inch
Orifice Diameter
4 ft. weir
ID 11.2

80 x 40 x 3
2 inch Skimmer
with 1.625 inch
Orifice Diameter
12 ft. weir
ID 11.1



NOTE:
ALL DRIVEWAY APRONS 20'
UNLESS OTHERWISE NOTED.

PROPOSED ASPHALT SIDE PATH

PROPOSED C&G, SIDEWALK AND
CONCRETE MONOLITHIC ISLAND

SEE SHEET 20 & 21 FOR -L- PROFILE

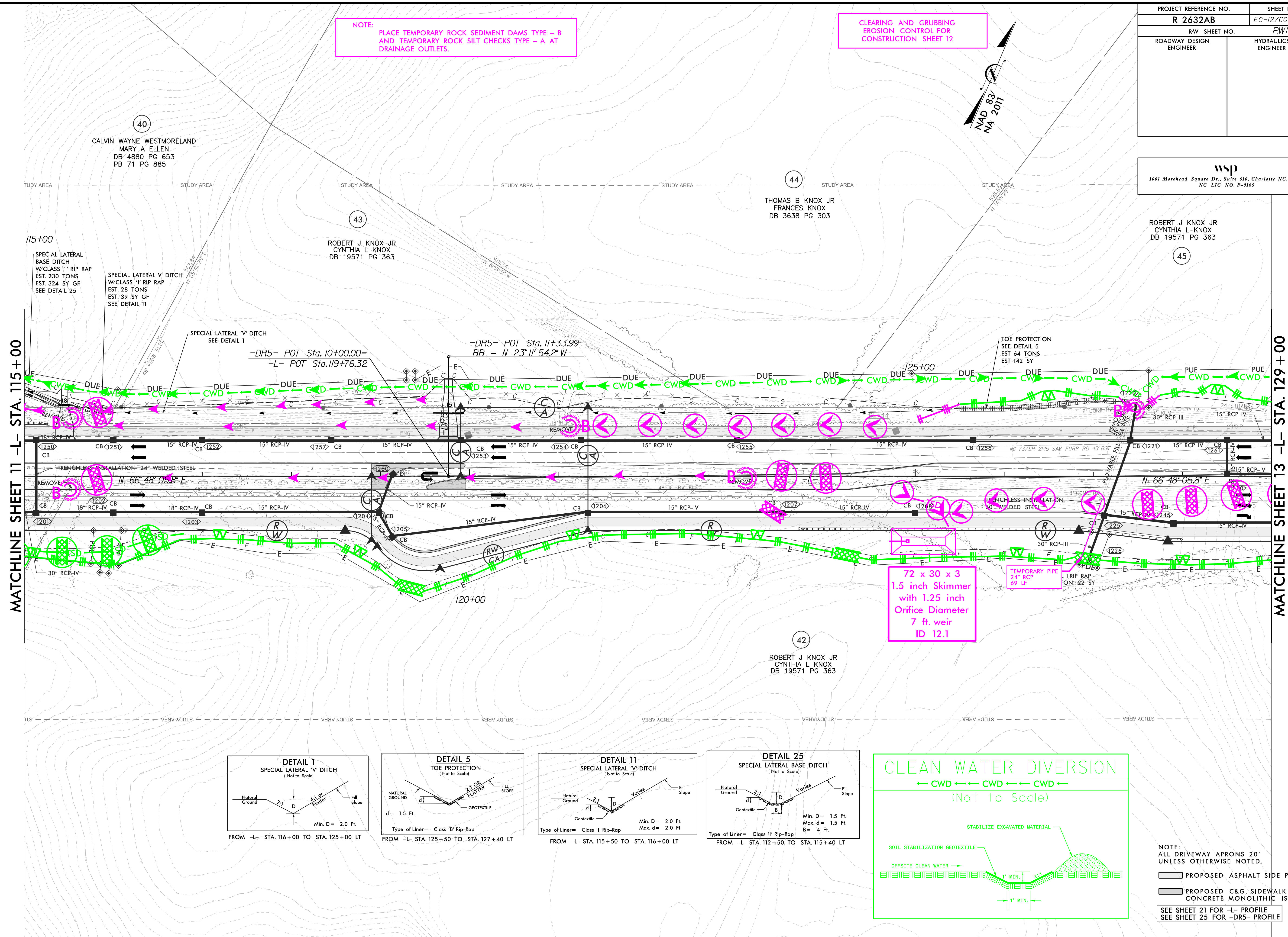
REVISIONS

R/W Rev 1: 8/9/2024 Parcel 40 has been split into two separate parcels. Parcel #77 was added
R/W Rev 3: 11/26/2024 Revised TCE on parcel 41.

15-JUN-2026 14:22
Erosion Control_PSH-R-2632AB_EC_psh.11.dgn

MATCHLINE SHEET 10 -L- STA. 101+50

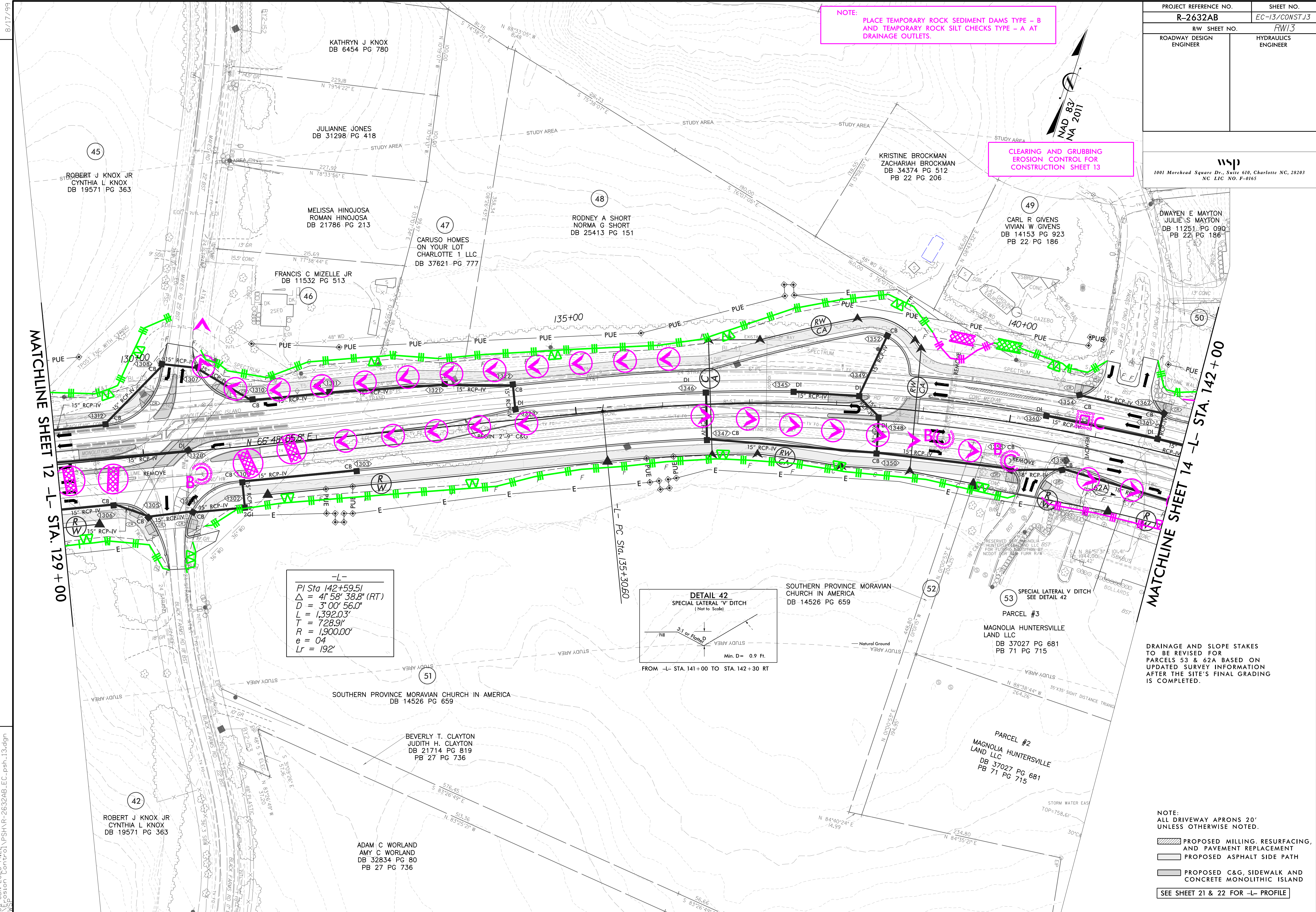
MATCHLINE SHEET 12 -L- STA. 115+00



REVISIONS

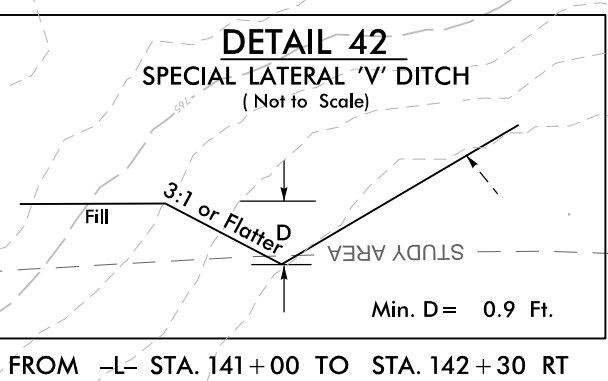
Design Rev 1: 10/04/2024 Revised several areas due to updated survey and new developments.
R/W Rev 3: 11/26/2024 Revised R/W, PDE and TCE on parcel 53.
R/W Rev 6: 09/03/2025 Updated survey for parcel 53 for new building and drainage design revised. TCE and PDE revised. Added parcel number 62A.
Design Rev 8: 11/25/2025 Revised sidewalk to retain developer sidewalk. Revised R/W and easements for parcels 53 and 62A.
Design Rev 2: 12/05/2025 Revised MUP to retain developer MUP on parcel 53.
R/W Rev 11: 03/09/2026 Revised R/W and TCE on parcel 53.

05-JUN-2026 14:22
Erosion Control\PSH\R-2632AB_EC_psh_13.dgn
WSP



PROJECT REFERENCE NO.		SHEET NO.	
R-2632AB		EC-13/CONST.13	
R/W SHEET NO.		RW13	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
wsp 1001 Morehead Square Dr., Suite 610, Charlotte NC, 28203 NC LIC NO. F-0165			

-L-
PI Sta 142+59.51
 $\Delta = 41' 58" 38.8" (RT)$
 $D = 3' 00" 56.0"$
 $L = 1,392.03'$
 $T = 728.9'$
 $R = 1,900.00'$
 $e = 04'$
 $Lr = 192'$



DRAINAGE AND SLOPE STAKES TO BE REVISED FOR PARCELS 53 & 62A BASED ON UPDATED SURVEY INFORMATION AFTER THE SITE'S FINAL GRADING IS COMPLETED.

REVISIONS

R/W Rev 3: 11/26/2024 Revised C/A on parcel 50. Revised R/W, PDE, and TCE on parcel 53. Revised C/A and TCE on parcel 54. Revised TCE on parcel 55. Revised DUE on parcel 57. Revised C/A, R/W, PDE, PUE and TCE on parcel 58. Revised PDE and TCE on parcel 59. Revised PUE and TCE on parcel 60. Revised R/W, PDE, DUE and TCE on parcel 61. Revised C/A, R/W, and PUE on parcel 71.

R/W Rev 4: 06/10/2025 Updated survey for parcels 53, 59, 60, and 61. Sidewalk and drainage design revised on parcel 53. TCE and PDE revised on parcel 53.

R/W Rev 6: 09/03/2025 Updated survey for parcels 53, 59, 60, and 61. Sidewalk and drainage design revised on parcel 53. TCE and PDE revised on parcel 53.

R/W Rev 7: 11/07/2025 Updated sidewalk, right of way and easement for parcels 59, 60, 61 and 62 to avoid impacts to development.

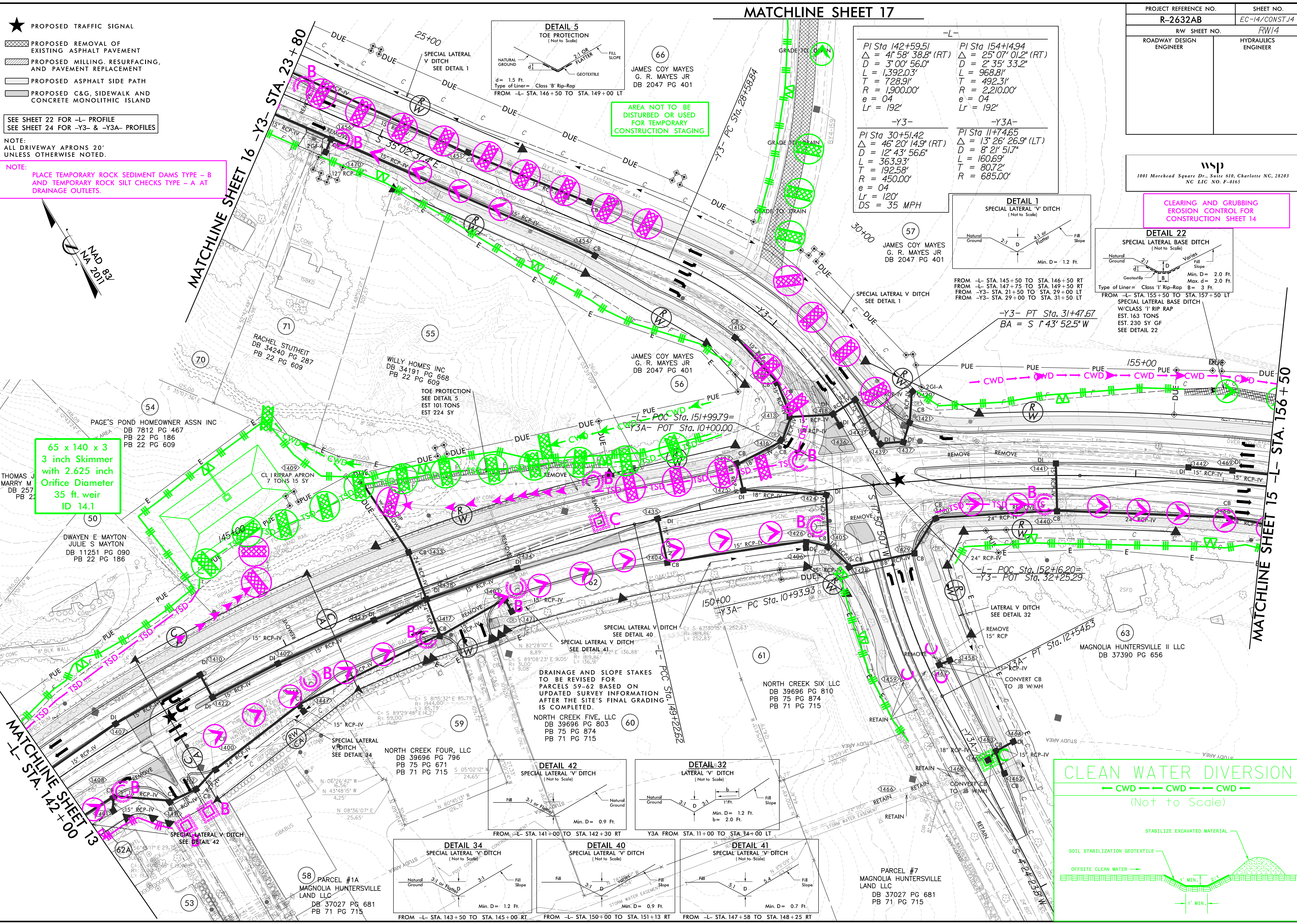
R/W Rev 8: 11/25/2025 Revised MUP to retain developer sidewalk. Revised r/w and easements on parcels 53 and 62A.

R/W Rev 9: 12/05/2025 Revised MUP to retain developer MUP for parcels 53, and 58 thru 62A. Revised the planting strip along Y3A RT to reduce impacts to parcel 61.

R/W Rev 11: 03/09/2026 Revised r/w and easements on parcels 53, 58, 59, 60, 61, 62 and 62A.

8/17/99

16-JUN-2026 13:00
Erosion Control\PSH\N-2632AB-EC-psh-14.dgn



★ PROPOSED TRAFFIC SIGNAL

PROPOSED REMOVAL OF EXISTING ASPHALT PAVEMENT

PROPOSED MILLING, RESURFACING, AND PAVEMENT REPLACEMENT

PROPOSED ASPHALT SIDE PATH

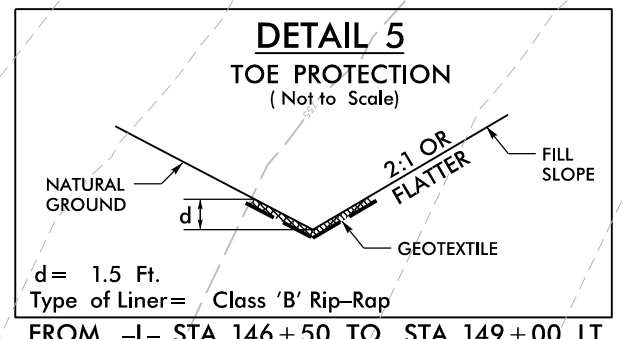
PROPOSED C&G, SIDEWALK AND CONCRETE MONOLITHIC ISLAND

SEE SHEET 22 FOR -L- PROFILE
SEE SHEET 24 FOR -Y3- & -Y3A- PROFILES

NOTE:
ALL DRIVEWAY APRONS 20'
UNLESS OTHERWISE NOTED.

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

65 x 140 x 3
3 inch Skimmer
with 2.625 inch
Orifice Diameter
35 ft. weir
ID 14.1



AREA NOT TO BE
DISTURBED OR USED
FOR TEMPORARY
CONSTRUCTION STAGING

-L-

PI Sta 142+59.51
 $\Delta = 41^\circ 58' 38.8''$ (RT)
 $D = 3' 00' 56.0''$
 $L = 1,392.03'$
 $T = 728.91'$
 $R = 1,900.00'$
 $e = 04'$
 $Lr = 192'$

-Y3-

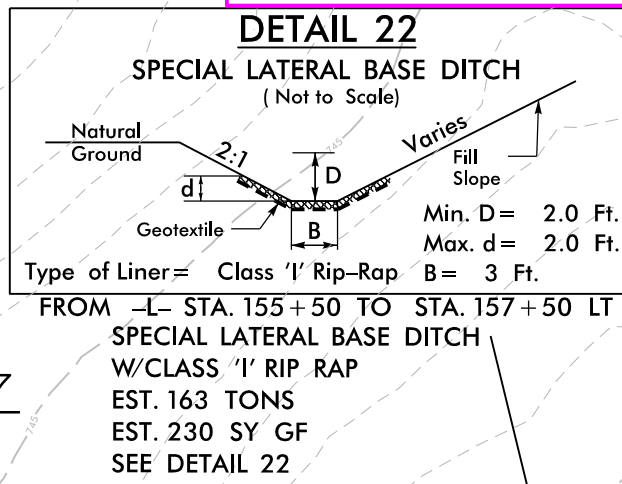
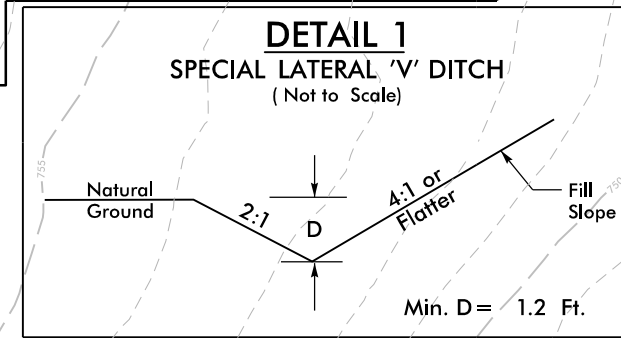
PI Sta 30+51.42
 $\Delta = 46^\circ 20' 14.9''$ (RT)
 $D = 12' 43' 56.6''$
 $L = 363.93'$
 $T = 192.58'$
 $R = 450.00'$
 $e = 04'$
 $Lr = 120'$
 $DS = 35$ MPH

-Y3A-

PI Sta 154+14.94
 $\Delta = 25^\circ 07' 01.2''$ (RT)
 $D = 2' 35' 33.2''$
 $L = 968.81'$
 $T = 492.31'$
 $R = 2,210.00'$
 $e = 04'$
 $Lr = 192'$

-Y3A-

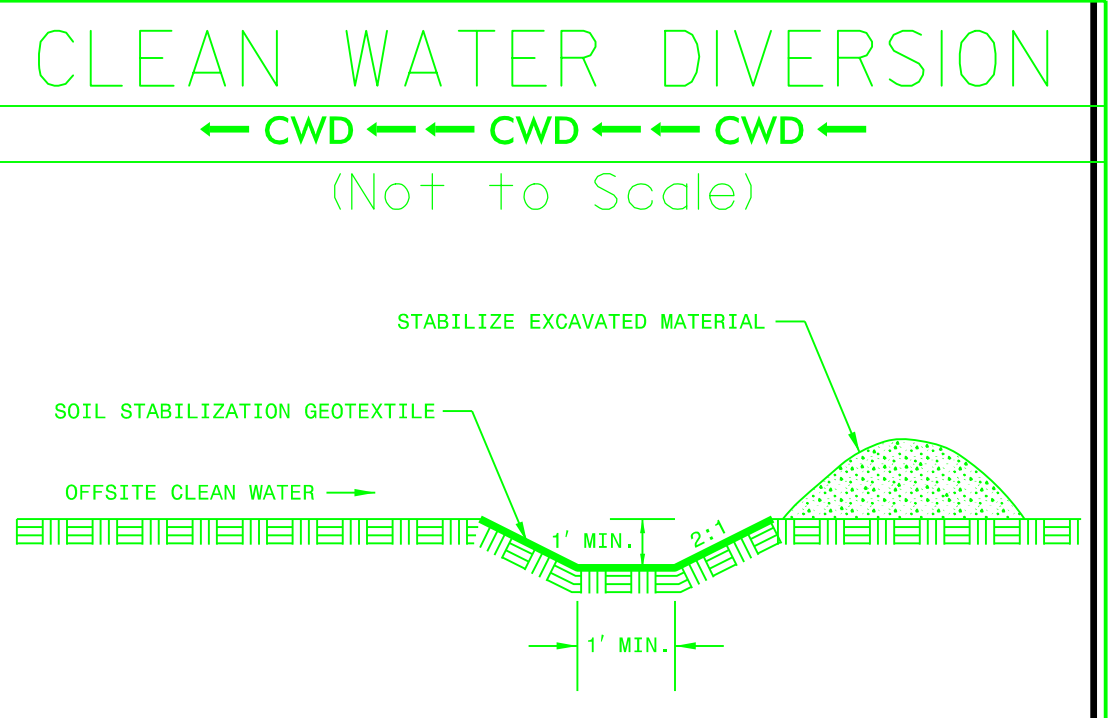
PI Sta 11+74.65
 $\Delta = 13^\circ 26' 26.9''$ (LT)
 $D = 8' 21' 51.7''$
 $L = 160.69'$
 $T = 80.72'$
 $R = 685.00'$



CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 14

PROJECT REFERENCE NO.	SHEET NO.
R-2632AB	EC-14/CONST.14
R/W SHEET NO.	RW14
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

wsp
1001 Morehead Square Dr., Suite 610, Charlotte NC, 28203
NC LIC NO. F-0165



DETAIL 22

SPECIAL LATERAL BASE DITCH
(Not to Scale)

Natural Ground

2:1

d

Geotextile

D

B

Varies

Fill Slope

Min. D = 2.0 Ft.
Max. d = 2.0 Ft.
B = 3 Ft.

Type of Liner = Class 'I' Rip-Rap

FROM STA. 155 + 50 TO STA. 157 + 50 LT

DETAIL 18
SPECIAL CUT BASE DITCH
 (Not to Scale)

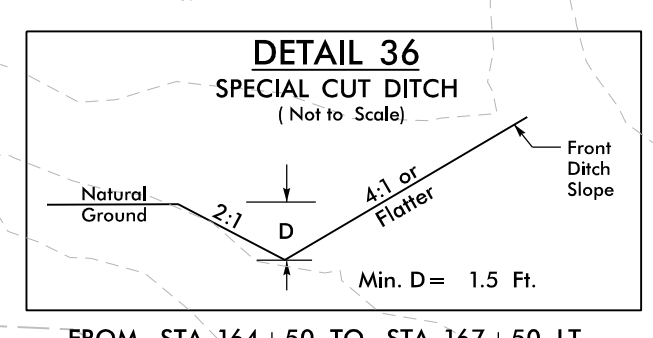
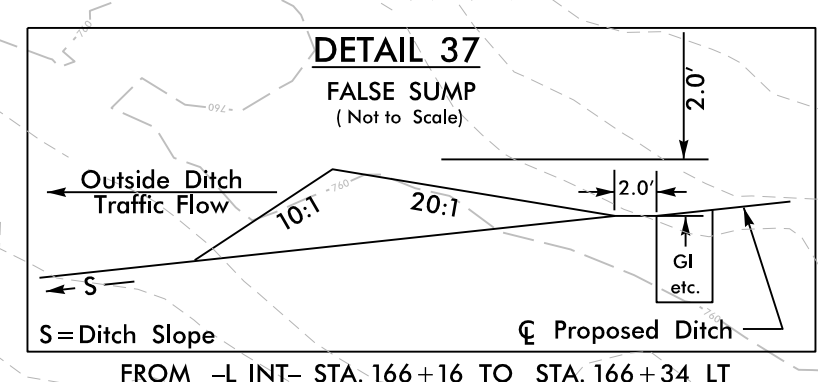
Natural Ground
 2:1
 Geotextile
 D
 8
 3:1 or Flatter
 Front Slope Ditch

Min. D = 2.0 Ft.
 Max. d = 2.0 Ft.
 B = 3 Ft.

Type of Liner = Class 'I' Rip-Rap

FROM -+L STA. 155+50 TO STA. 160+00 LT

SEE SHEET 22 & 23 FOR -L- PROFILE
SEE SHEET 23 FOR -L INT- & -L RT PGL- PROFILE



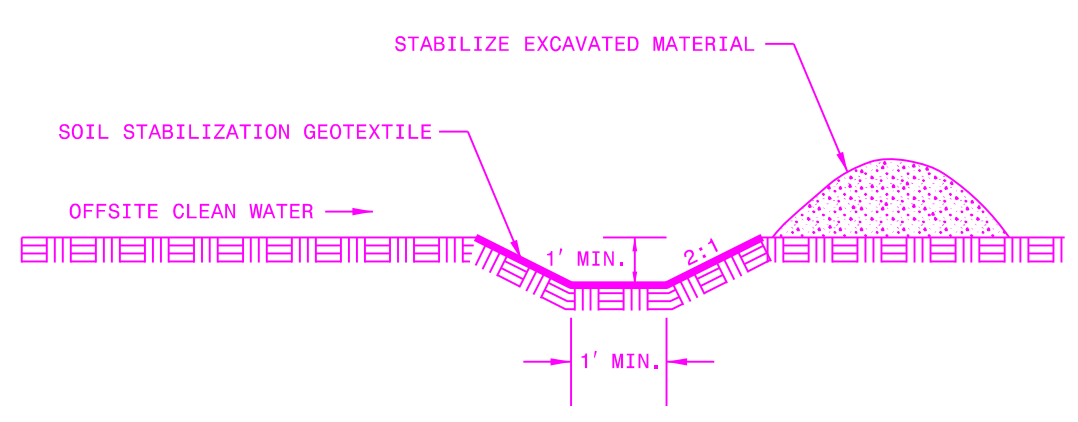
64 THE NANCY GRAY FAMILY LIMITED PARTNERSHIP
DB 8879 PG 945

REVISIONS

MATCHLINE SHEET 14 -L- STA. 156+50

-L-	-LINT-
<i>PI Sta 154/14.94</i>	<i>PI Sta 162+35.00</i>
$\Delta = 25^{\circ} 07' 01.2''$ (RT)	$\Delta = 5^{\circ} 14' 44.5''$ (RT)
<i>D = 2' 35' 33.2"</i>	<i>D = 0' 45' 50.2"</i>
<i>L = 968.8'</i>	<i>L = 686.66'</i>
<i>T = 492.31'</i>	<i>T = 343.5'</i>
<i>R = 2,210.00'</i>	<i>R = 7,500.00'</i>
<i>e = 04'</i>	<i>DS = NC</i>
<i>Lr = 192'</i>	
	<i>PI Sta 168+19.90</i>
	$\Delta = 5^{\circ} 02' 05.3''$ (LT)
	<i>D = 1' 02' 30.3"</i>
	<i>L = 483.31'</i>
	<i>T = 241.81'</i>
	<i>R = 5,500.00'</i>
	<i>DS = RC</i>

CLEAN WATER DIVERSION
← CWD ← ← CWD ← ← CWD ←
(Not to Scale)



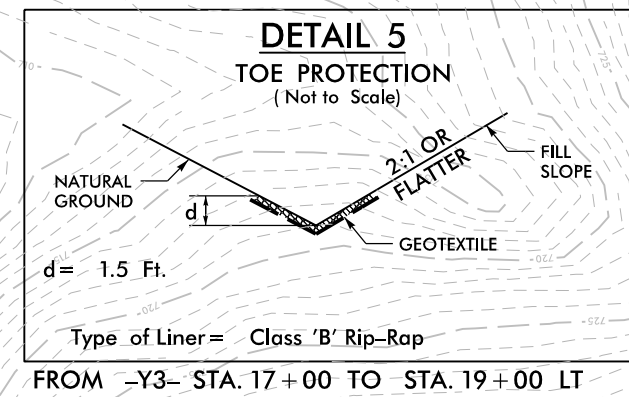
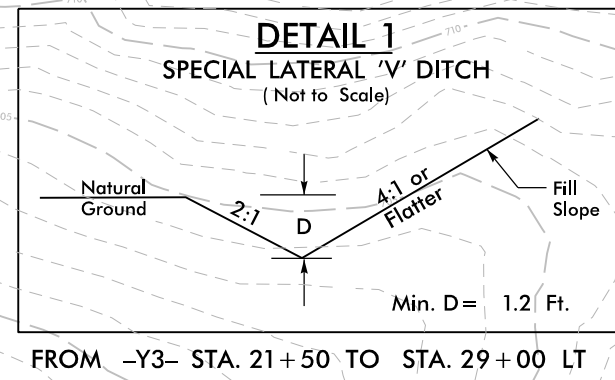
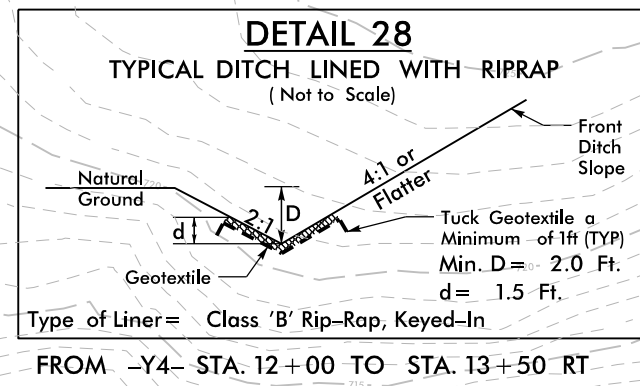
NEIGHBOR INVESTMENT PROPERTY LLC
DB 38255 PG 302

8/17/99

NOTE:
ALL DRIVEWAY APRONS 20'
UNLESS OTHERWISE NOTED.

PROPOSED ASPHALT SIDE PATH
PROPOSED C&G, SIDEWALK AND
CONCRETE MONOLITHIC ISLAND

SEE SHEETS 23 & 24 FOR -Y3- PROFILE
SEE SHEET 25 FOR -Y4- PROFILE



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

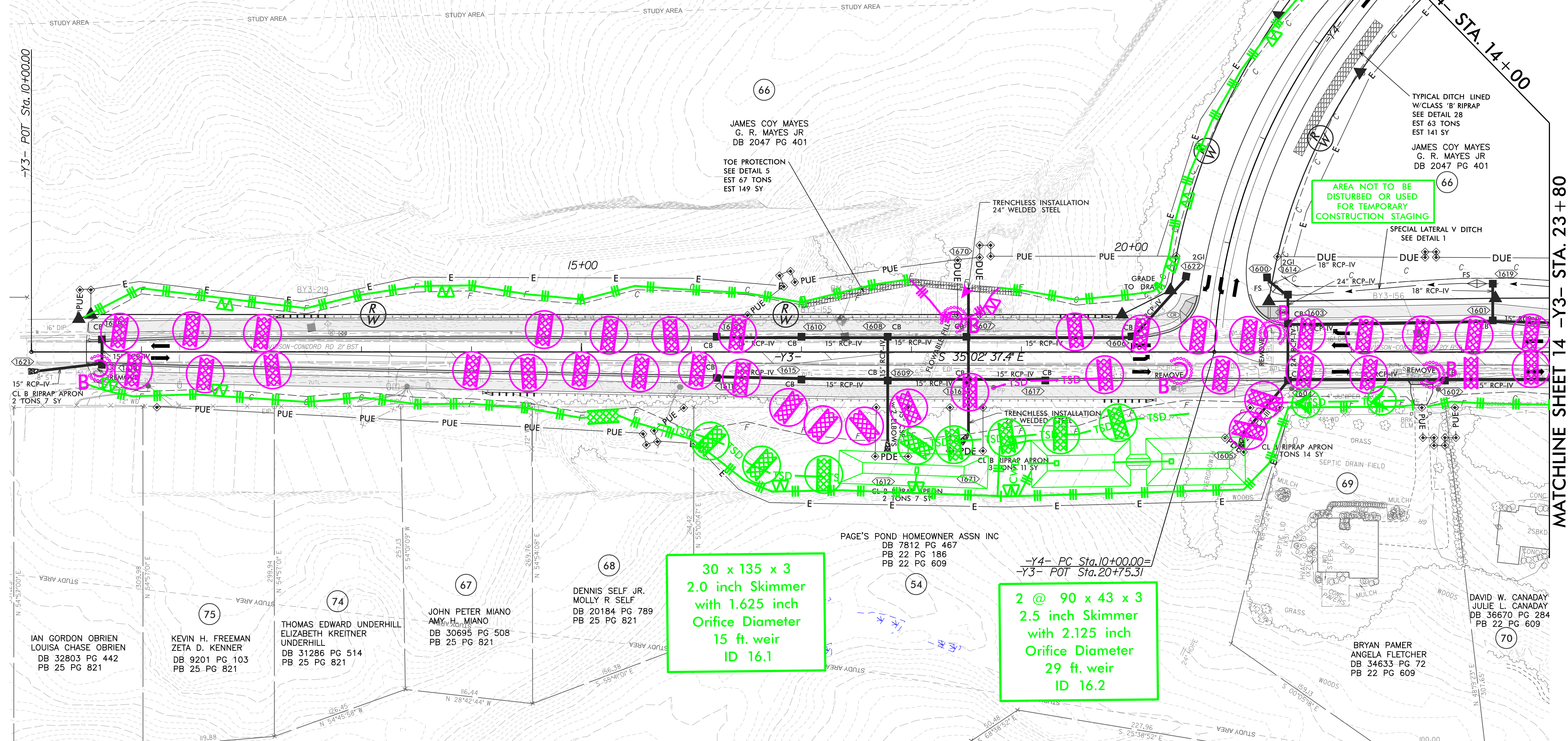


PROJECT REFERENCE NO.	SHEET NO.
R-2632AB	EC-16/CONST.J6
R/W SHEET NO.	RW/6
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

wsp
1001 Morehead Square Dr., Suite 610, Charlotte NC, 28203
NC LIC NO. F-0165

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 16

-Y4-
PI Sta 13+65.65
 $\Delta = 68^{\circ} 54' 06.0''$ (RT)
 $D = 10' 44' 58.8''$
 $L = 640.97'$
 $T = 365.65'$
 $R = 533.00'$
 $e = 06'$
 $Lr = 126'$



REVISIONS
Design Rev 1: 10/04/2024 Revised several areas due to updated survey and new developments.
RW Rev 3: 11/28/2024 Revised PUE and DUE on parcel 66. Revised TCE and PUE on parcel 69.
RW Rev 4: 06/10/2025 Revised TCE on parcel 54. Removed TCE on parcels 69 and 70.

E:\Erosion Control\PSH\R-2632AB.EC_psh_16.dgn

MATCHLINE SHEET 14 -Y3- STA. 23+80

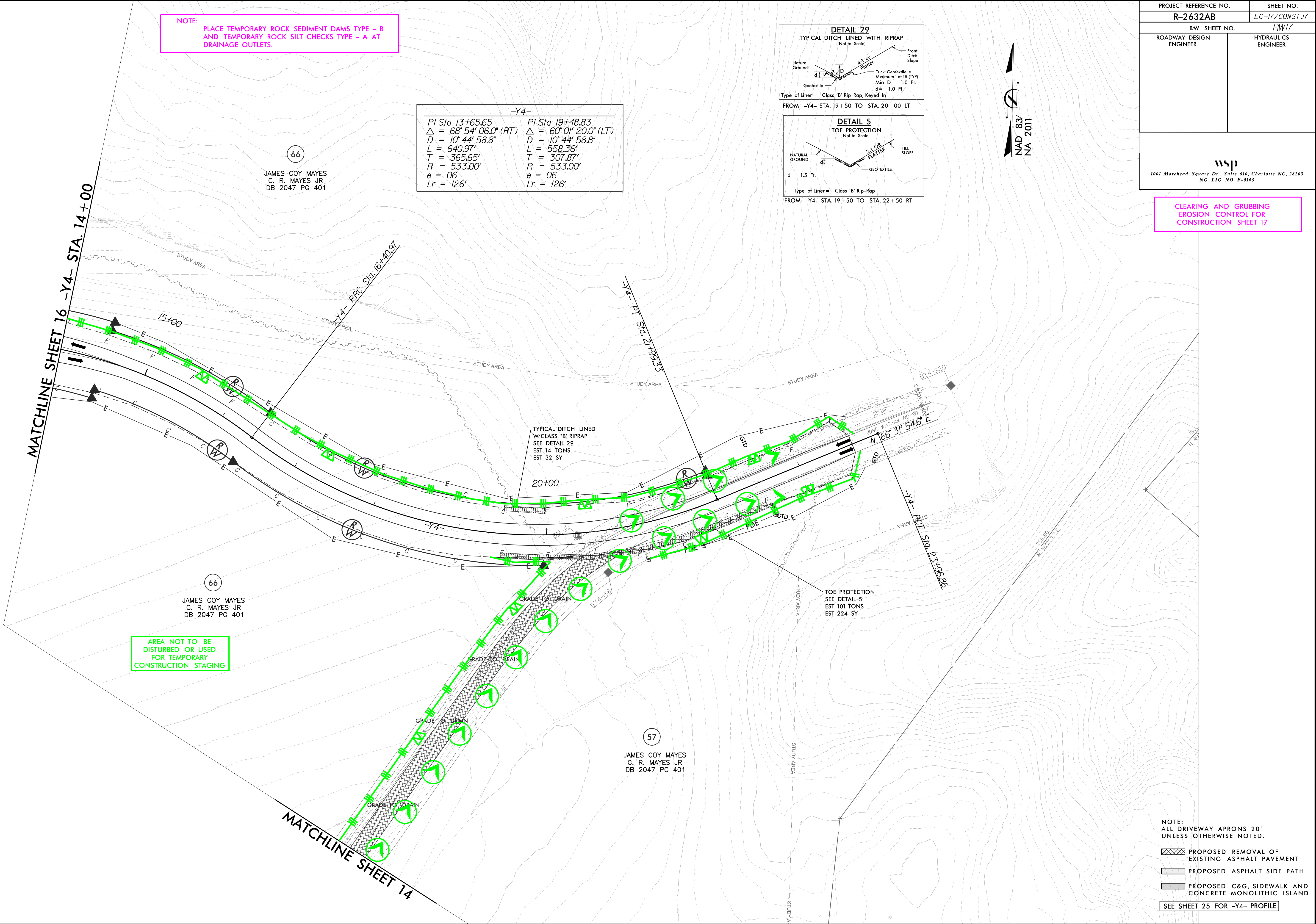
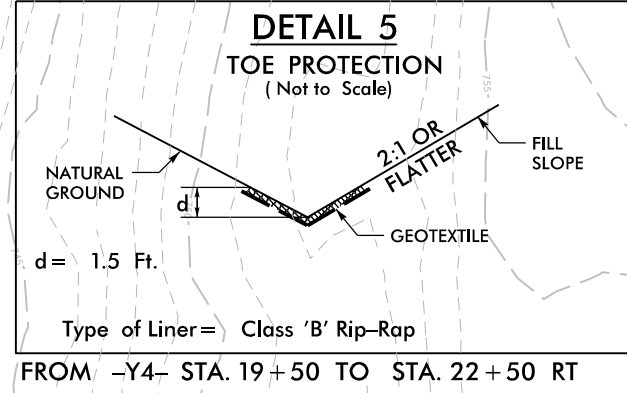
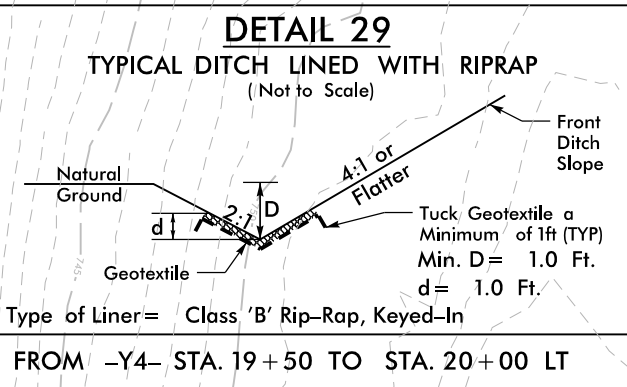
MATCHLINE SHEET 17 -Y4- STA. 14+00

PROJECT REFERENCE NO.		SHEET NO.	
R-2632AB		EC-17/CONST.17	
RW SHEET NO.		RW17	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
wsp 1001 Morehead Square Dr., Suite 610, Charlotte NC, 28203 NC LIC NO. F-0165			

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 17

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

-Y4-	
PI Sta 13+65.65	PI Sta 19+48.83
$\Delta = 68^{\circ} 54' 06.0''$ (RT)	$\Delta = 60^{\circ} 01' 20.0''$ (LT)
D = 10' 44' 58.8"	D = 10' 44' 58.8"
L = 640.97'	L = 558.36'
T = 365.65'	T = 307.87'
R = 533.00'	R = 533.00'
e = 06'	e = 06'
Lr = 126'	Lr = 126'



NOTE:
ALL DRIVEWAY APRONS 20'
UNLESS OTHERWISE NOTED.

- PROPOSED REMOVAL OF EXISTING ASPHALT PAVEMENT
- PROPOSED ASPHALT SIDE PATH
- PROPOSED C&G, SIDEWALK AND CONCRETE MONOLITHIC ISLAND
- SEE SHEET 25 FOR -Y4- PROFILE