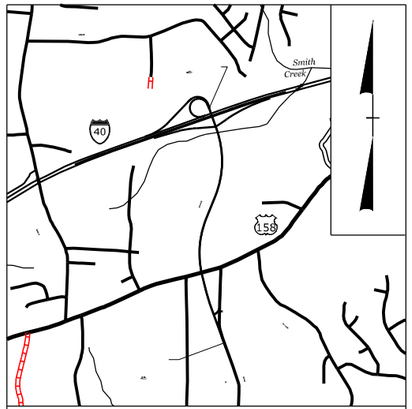
09/08/99

TIP PROJECT: U-6187

CONTRACT: TBD

See Sheet 1A For Index of Sheets
See Sheet 1B For Conventional Plan Sheet Symbols



VICINITY MAP (NTS)

RIGHT OF WAY ACQUISITION PLAN SET

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PERMIT DRAWING
SHEET 1 OF 35

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-6187	1	

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
48647.1.1		PE
48647.2.2		UTIL.
48647.2.3		R/W
48647.3.1		CONST.

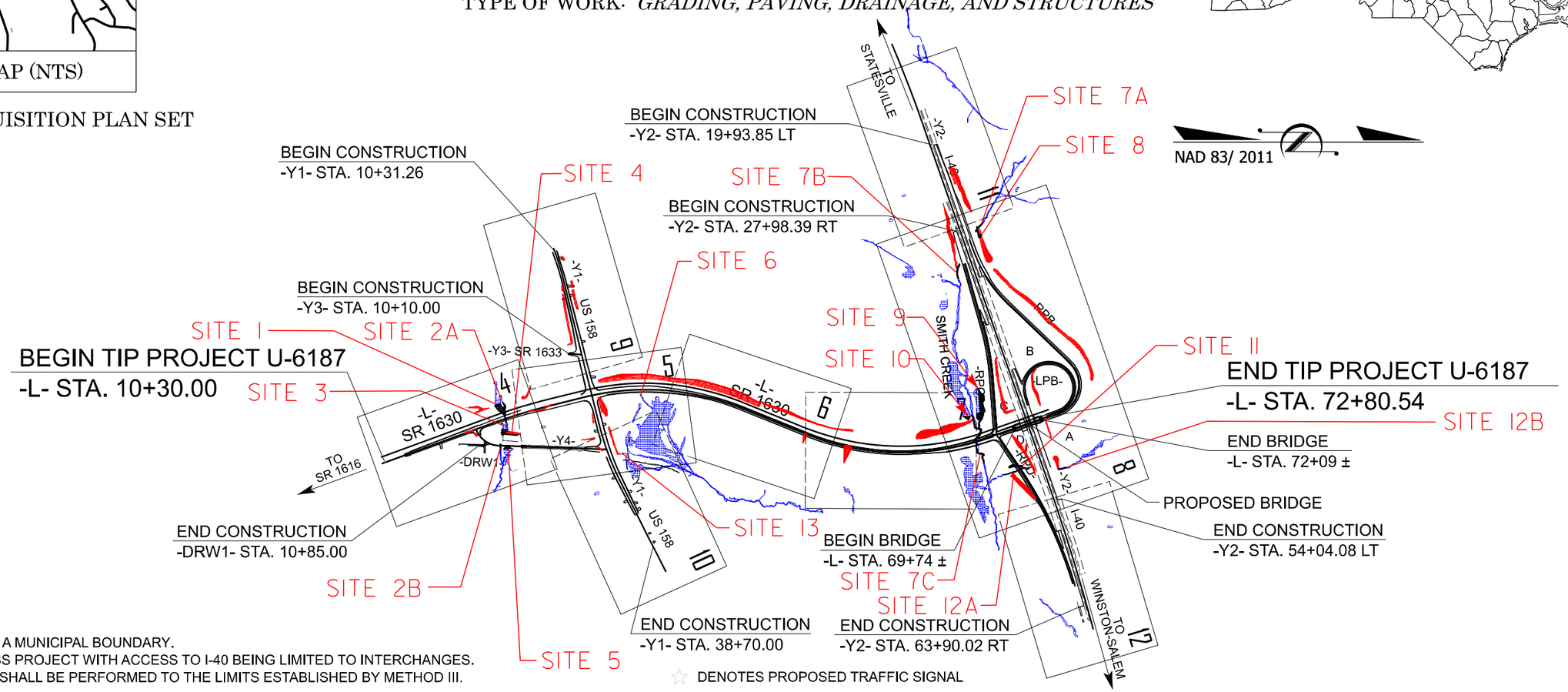
DAVIE COUNTY

LOCATION: *REALIGNMENT AND EXTENSION OF SR 1630 (BALTIMORE ROAD) FROM SOUTH OF US 158 TO A NEW INTERCHANGE AT I-40*

WETLAND AND SURFACE WATER IMPACTS PERMIT

TYPE OF WORK: *GRADING, PAVING, DRAINAGE, AND STRUCTURES*

NAD 83/ 2011



THIS PROJECT IS NOT WITHIN A MUNICIPAL BOUNDARY.
THIS IS A CONTROL OF ACCESS PROJECT WITH ACCESS TO I-40 BEING LIMITED TO INTERCHANGES.
CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III.

☆ DENOTES PROPOSED TRAFFIC SIGNAL

GRAPHIC SCALES

50 25 0 50 100
PLANS

50 25 0 50 100
PROFILE (HORIZONTAL)

10 5 0 10 20
PROFILE (VERTICAL)

DESIGN DATA

ADT 2025 = 8,100
ADT 2045 = 21,200
K = 10 %
D = 55 %
T = 8 % *
V = 60 MPH
* TTST =6% DUAL 2%
FUNC CLASS =
MAJOR COLLECTOR
STATE WIDE TIER

PROJECT LENGTH

PROJECT LENGTHS FOR TIP PROJECT U-6187:

LENGTH ROADWAY TIP PROJECT U-6187 = 1.139 MILES

LENGTH STRUCTURES TIP PROJECT U-6187 = 0.045 MILES

TOTAL LENGTH TIP PROJECT U-6187 = 1.184 MILES

NCDOT Contact: RYAN C. NEWCOMB, PE
Prepared in the Office of: vhb — VHB Engineering NC, P.C. (C-3705) 940 Main Campus Drive, Suite 500 Raleigh, NC 27606

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: MAY 31, 2024

LETTING DATE: OCTOBER 21, 2025

JONATHAN P. SOIKA, P.E.
PROJECT ENGINEER

JERRY B. JAVELLANA, P.E.
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

SIGNATURE: P.E.

ROADWAY DESIGN ENGINEER

SIGNATURE: P.E.

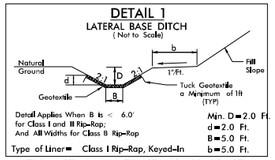
STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION •

DRAINAGE DETAILS

(NOT TO SCALE)

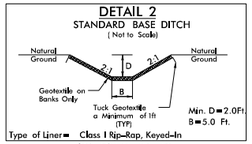
PERMIT DRAWING
SHEET 2 OF 35

DETAIL 1
LATERAL BASE DITCH
(Not to Scale)



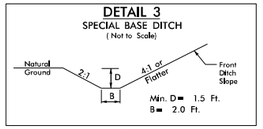
FROM STA. 14+92 TO STA. 19+32 –Y1– RT

DETAIL 2
STANDARD BASE DITCH
(Not to Scale)



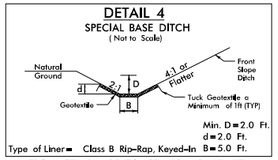
STA. 52+11 –Y2– LT
STA. 20+92 –RPD–LT

DETAIL 3
SPECIAL BASE DITCH
(Not to Scale)



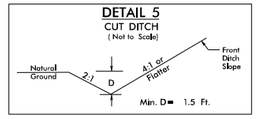
FROM STA. 11+50 TO STA. 13+61 –Y1– LT
FROM STA. 13+97 TO STA. 14+38 –Y1– LT
FROM STA. 22+94 TO STA. 25+52 –Y2– LT

DETAIL 4
SPECIAL BASE DITCH
(Not to Scale)



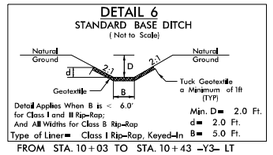
FROM STA. 14+85 TO STA. 16+43 –Y1– LT

DETAIL 5
CUT DITCH
(Not to Scale)



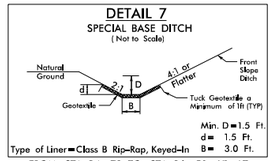
FROM STA. 14+00 TO STA. 14+57 –Y1– RT

DETAIL 6
STANDARD BASE DITCH
(Not to Scale)



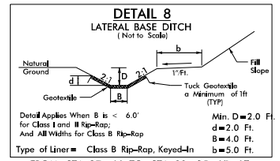
FROM STA. 10+03 TO STA. 10+43 –Y3– LT

DETAIL 7
SPECIAL BASE DITCH
(Not to Scale)



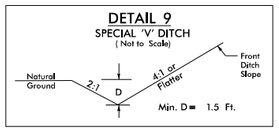
FROM STA. 24+73 TO STA. 26+50 –Y1– LT

DETAIL 8
LATERAL BASE DITCH
(Not to Scale)



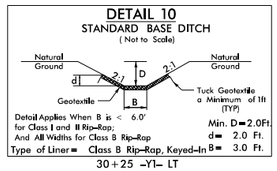
FROM STA. 27+66 TO STA. 30+25 –Y1– LT

DETAIL 9
SPECIAL 'V' DITCH
(Not to Scale)



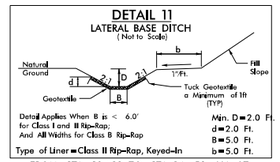
FROM STA. 25+75 TO STA. 26+86 –Y1– RT
FROM STA. 27+20 TO STA. 28+19 –Y1– RT
FROM STA. 20+26 TO STA. 21+59 –Y4– LT
FROM STA. 21+38 TO STA. 22+21 –Y4– RT

DETAIL 10
STANDARD BASE DITCH
(Not to Scale)



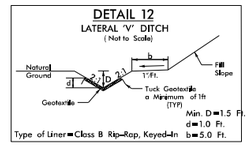
30+25 –Y1– LT

DETAIL 11
LATERAL BASE DITCH
(Not to Scale)



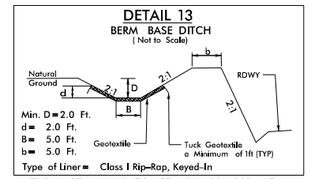
FROM STA. 13+13 TO STA. 14+58 –Y4– LT
FROM STA. 23+90 TO STA. 24+22 –L– LT
FROM STA. 29+01 TO STA. 31+90 –Y2– LT

DETAIL 12
LATERAL 'V' DITCH
(Not to Scale)



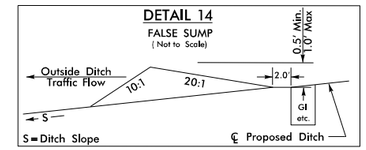
FROM STA. 18+00 TO STA. 18+60 –L– RT
FROM STA. 19+34 TO STA. 20+72 –L– LT
FROM STA. 10+49 TO STA. 10+95 –Y4– RT
FROM STA. 21+94 TO STA. 23+98 –RPD– RT

DETAIL 13
BERM BASE DITCH
(Not to Scale)

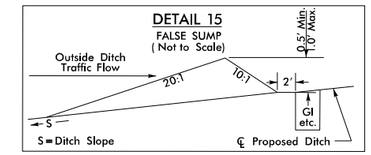


FROM STA. 14+18 TO STA. 27+02 –RPB– LT

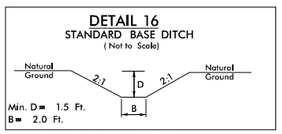
DETAIL 14
FALSE SUMP
(Not to Scale)



DETAIL 15
FALSE SUMP
(Not to Scale)

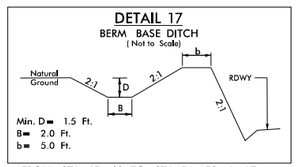


DETAIL 16
STANDARD BASE DITCH
(Not to Scale)



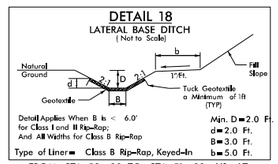
FROM STA. 10+90 TO STA. 13+45 –LPB– RT

DETAIL 17
BERM BASE DITCH
(Not to Scale)



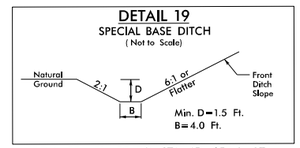
FROM STA. 45+62 TO STA. 54+58 –L– LT
FROM STA. 44+23 TO STA. 45+94 –Y2– LT
FROM STA. 47+28 TO STA. 49+01 –Y2– LT

DETAIL 18
LATERAL BASE DITCH
(Not to Scale)



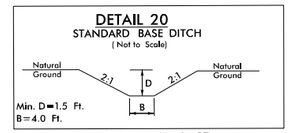
FROM STA. 50+98 TO STA. 51+92 –Y2– LT

DETAIL 19
SPECIAL BASE DITCH
(Not to Scale)



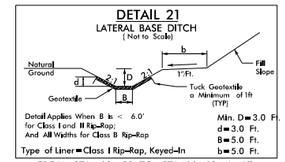
FROM STA. 31+00 TO STA. 45+65 –L– LT

DETAIL 20
STANDARD BASE DITCH
(Not to Scale)



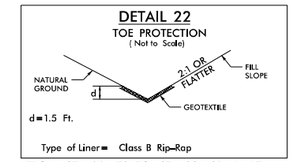
AT STA. 50+47 –L– RT
AT STA. 54+41 –L– RT

DETAIL 21
LATERAL BASE DITCH
(Not to Scale)



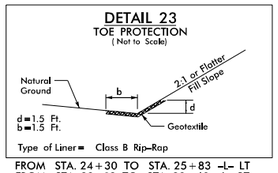
FROM STA. 60+52 TO STA. 66+19 –L– LT

DETAIL 22
TOE PROTECTION
(Not to Scale)



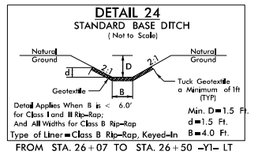
FROM STA. 20+73 TO STA. 22+60 –L– LT
FROM STA. 62+75 TO STA. 64+58 –L– RT

DETAIL 23
TOE PROTECTION
(Not to Scale)



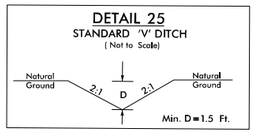
FROM STA. 24+30 TO STA. 25+83 –L– LT
FROM STA. 33+18 TO STA. 33+62 –L– RT
FROM STA. 66+39 TO STA. 66+98 –L– LT
FROM STA. 22+62 TO STA. 24+93 –RPC– RT

DETAIL 24
STANDARD BASE DITCH
(Not to Scale)



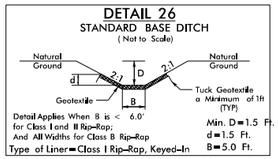
FROM STA. 26+07 TO STA. 26+50 –Y1– LT

DETAIL 25
STANDARD 'V' DITCH
(Not to Scale)



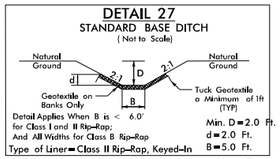
FROM STA. 23+87 TO STA. 26+31 –L– RT
FROM STA. 19+70 TO STA. 20+37 –RPD– RT

DETAIL 26
STANDARD BASE DITCH
(Not to Scale)



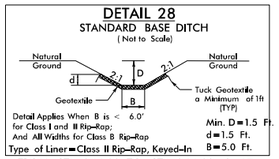
FROM STA. 18+80 TO STA. 20+09 –L– LT

DETAIL 27
STANDARD BASE DITCH
(Not to Scale)



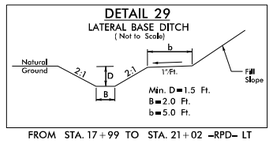
FROM STA. 13+01 TO STA. 13+13 –Y4– LT

DETAIL 28
STANDARD BASE DITCH
(Not to Scale)



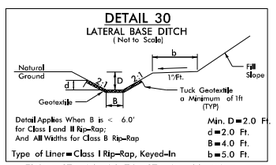
FROM STA. 24+22 TO STA. 24+90 –L– LT

DETAIL 29
LATERAL BASE DITCH
(Not to Scale)



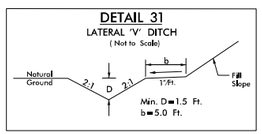
FROM STA. 17+99 TO STA. 21+02 –RPD– LT

DETAIL 30
LATERAL BASE DITCH
(Not to Scale)



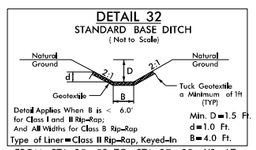
FROM STA. 26+06 TO STA. 31+66 –Y2– RT

DETAIL 31
LATERAL 'V' DITCH
(Not to Scale)



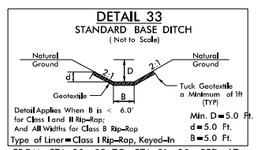
FROM STA. 19+58 TO STA. 24+52 –RPC– LT
FROM STA. 69+19 TO STA. 70+08 –L– LT
FROM STA. 20+37 TO STA. 21+94 –RPD– RT

DETAIL 32
STANDARD BASE DITCH
(Not to Scale)



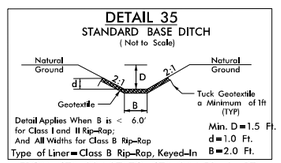
FROM STA. 25+52 TO STA. 27+38 –Y2– LT

DETAIL 33
STANDARD BASE DITCH
(Not to Scale)



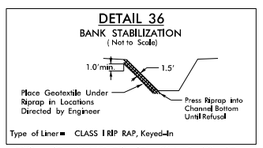
FROM STA. 20+92 TO STA. 21+29 –RPD– LT

DETAIL 35
STANDARD BASE DITCH
(Not to Scale)



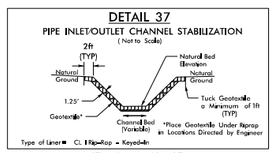
FROM STA. 23+87 TO STA. 24+53 –L– RT
FROM STA. 24+53 TO STA. 26+31 –L– RT
FROM STA. 21+94 TO STA. 22+57 –RPD– RT

DETAIL 36
BANK STABILIZATION
(Not to Scale)



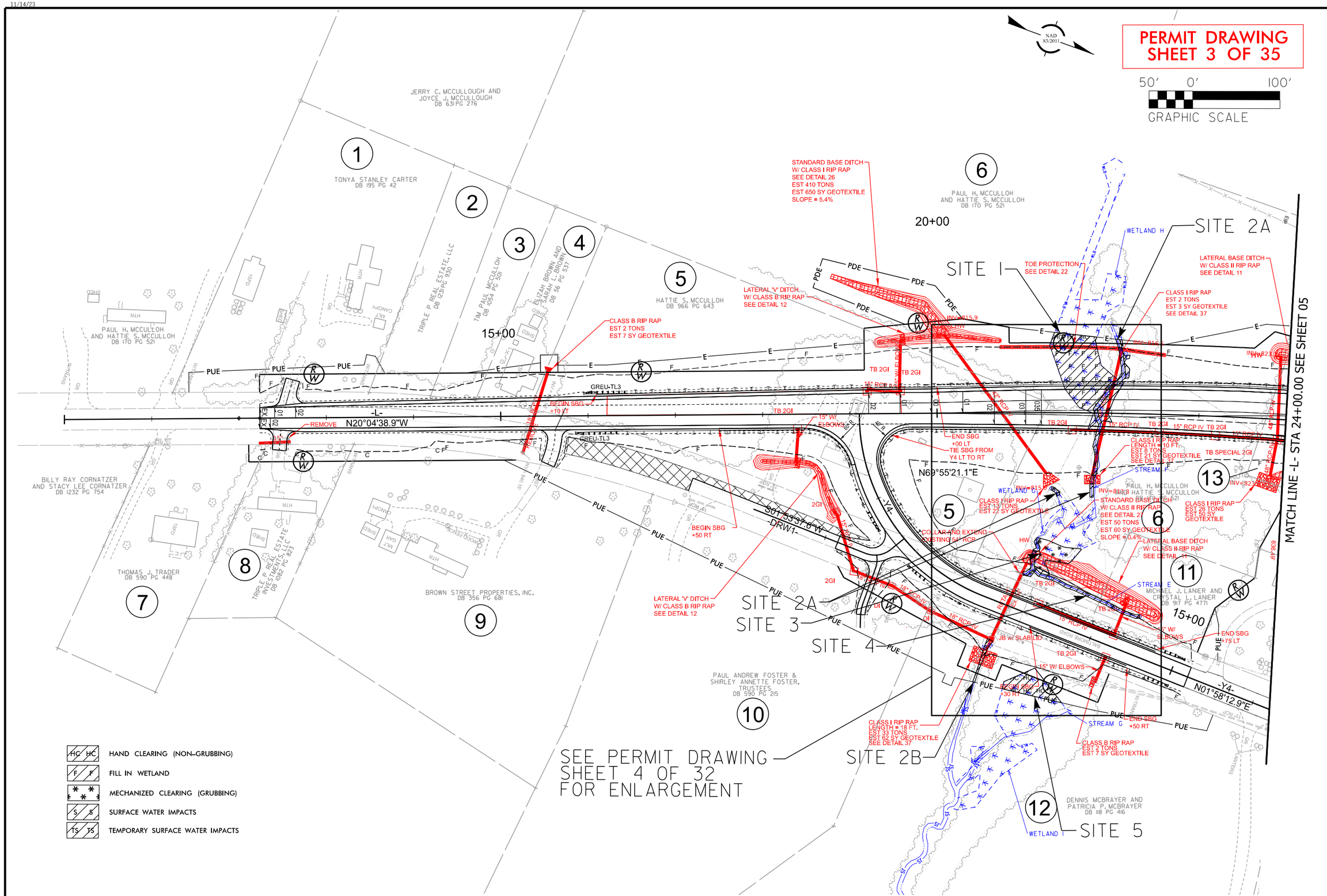
FROM STA. 31+85 TO STA. 32+45 –Y2– RT

DETAIL 37
PIPE INLET/OUTLET CHANNEL STABILIZATION
(Not to Scale)



STA. 12+93 –Y4– RT
STA. 21+79 –L– RT
STA. 22+09 –L– LT

11/14/23



U-6187

2HY2 | 04

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DAVIE COUNTY

ROADWAY DESIGN UNIT

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

PREPARED BY

vhb

VHB Engineering NC, P.C. (C-0705) 5140 Main Commons Drive, Suite 300 Raleigh, NC 27606

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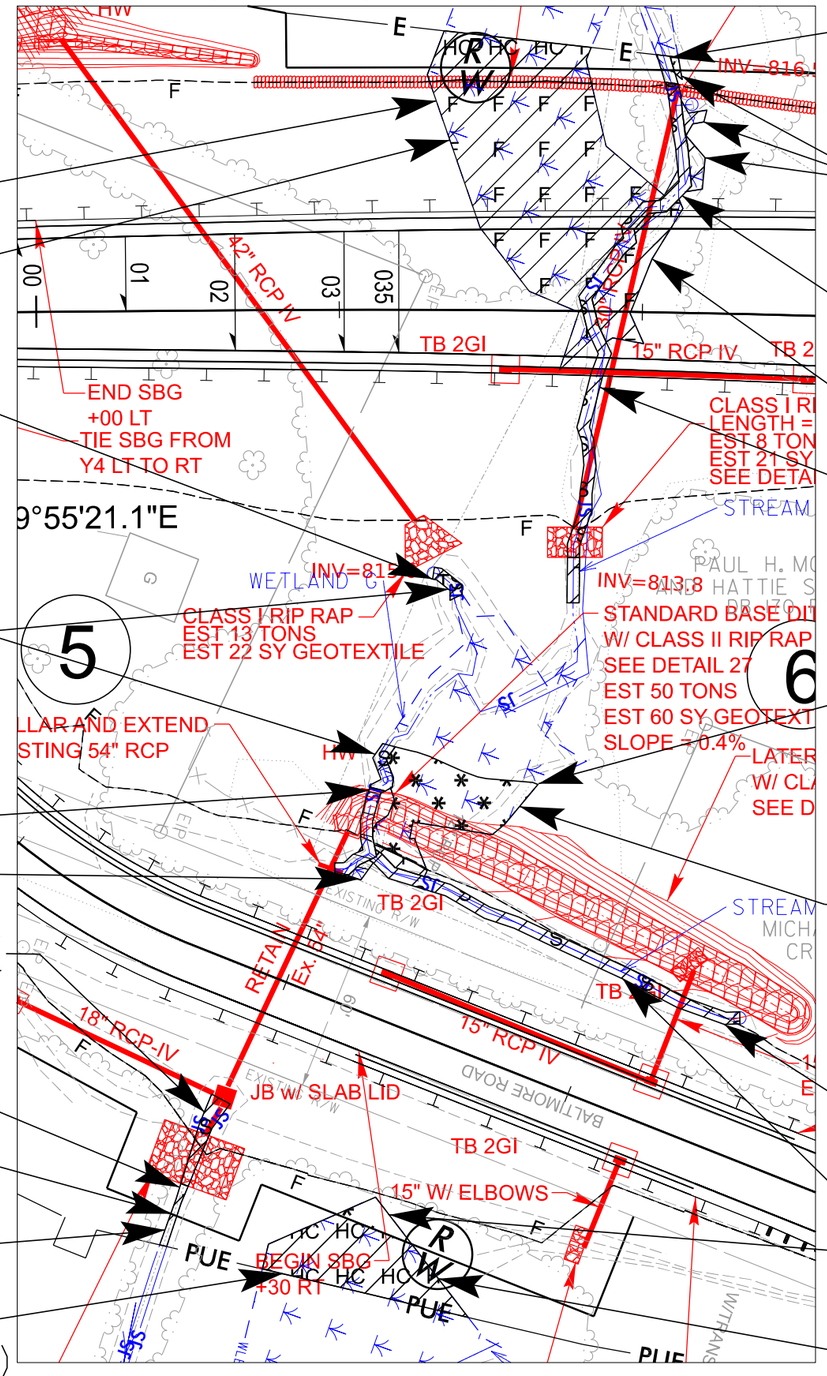
U-6187	
2HY2	004

SITES 1, 2A, 2B, 3, 4, AND 5

PERMIT DRAWING
SHEET 4 OF 35

25' 0' 50'
INSET GRAPHIC SCALE

- HC HC — HAND CLEARING (NON-GRUBBING)
- F F — FILL IN WETLAND
- * * * — MECHANIZED CLEARING (GRUBBING)
- S S — SURFACE WATER IMPACTS
- TS TS — TEMPORARY SURFACE WATER IMPACTS



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PERMIT DRAWING
SHEET 5 OF 35

U-6187
2HY2 | 004

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DAVIE COUNTY

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

PREPARED BY
vhb
VHB Engineering NC, P.C. (C-2005)
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Raleigh, NC 27606

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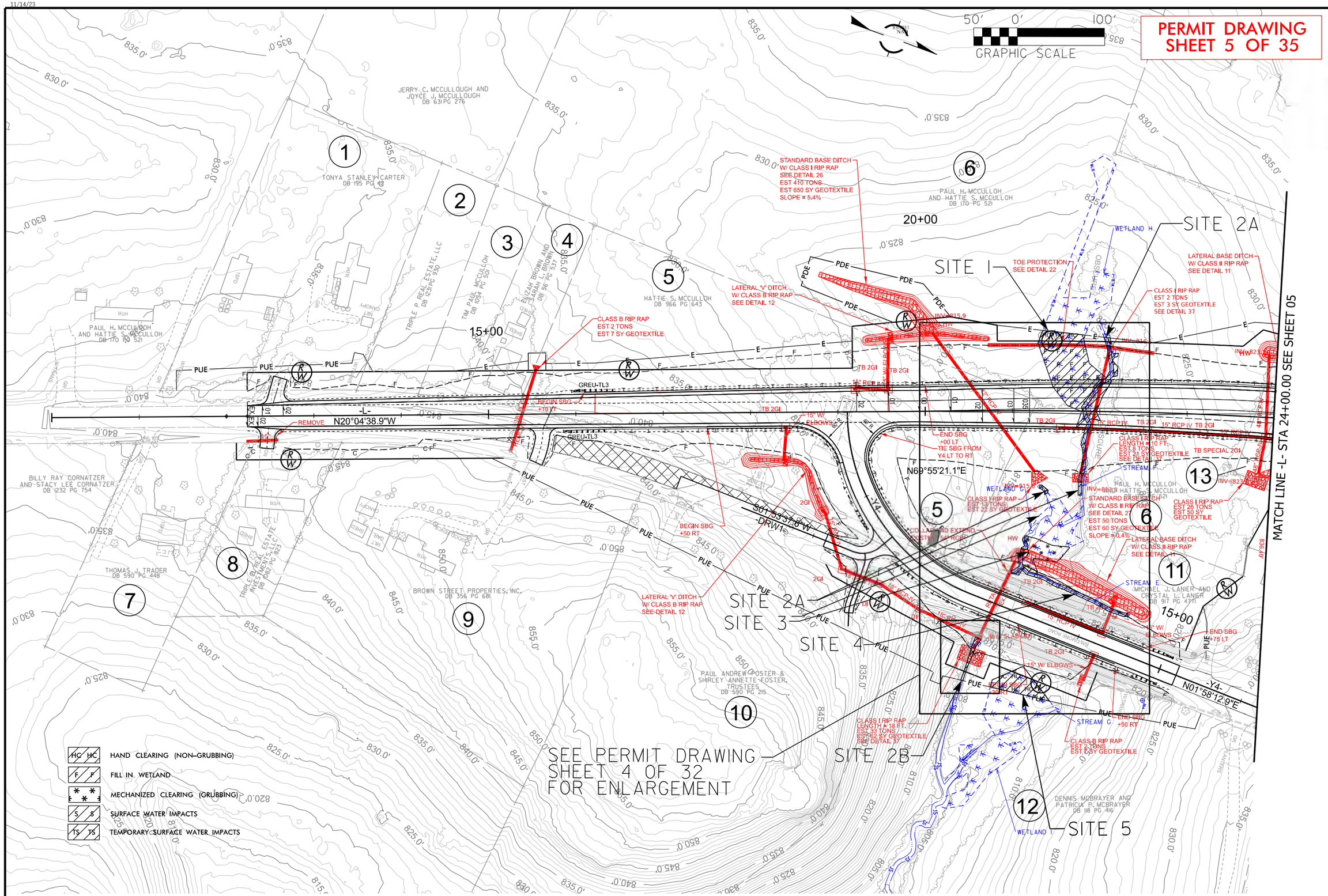

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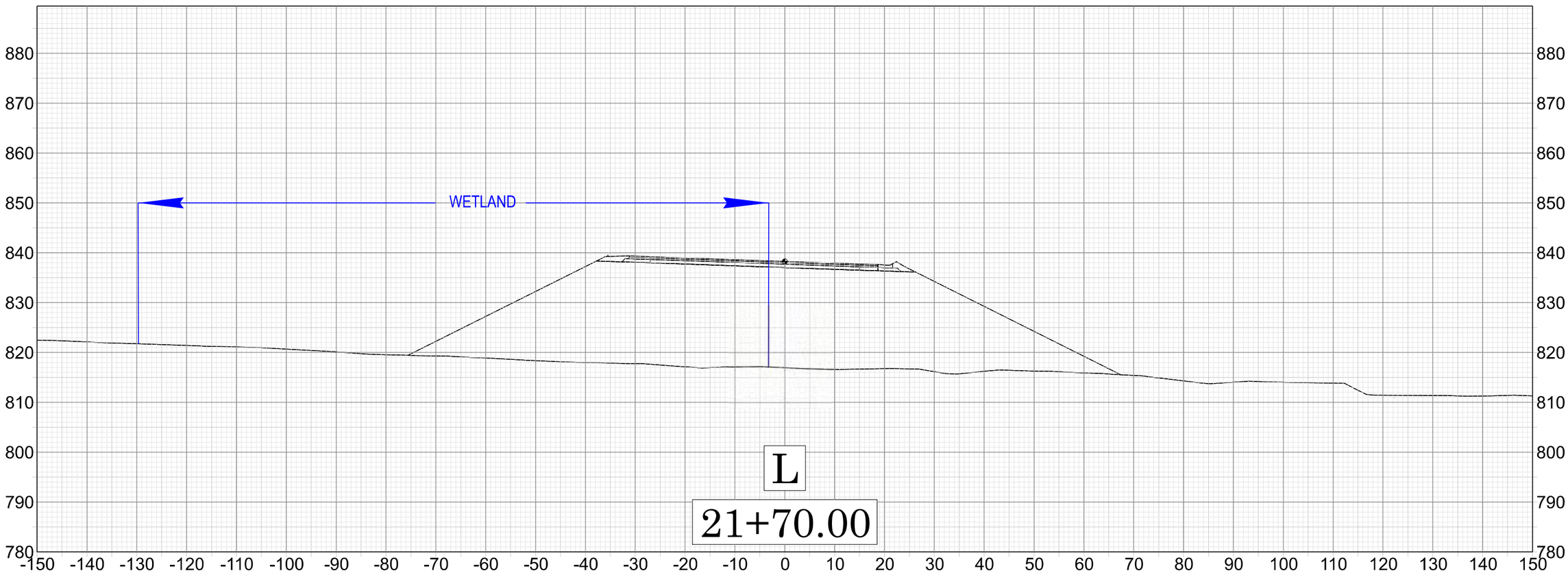
PERMIT DRAWING
SHEET 6 OF 35

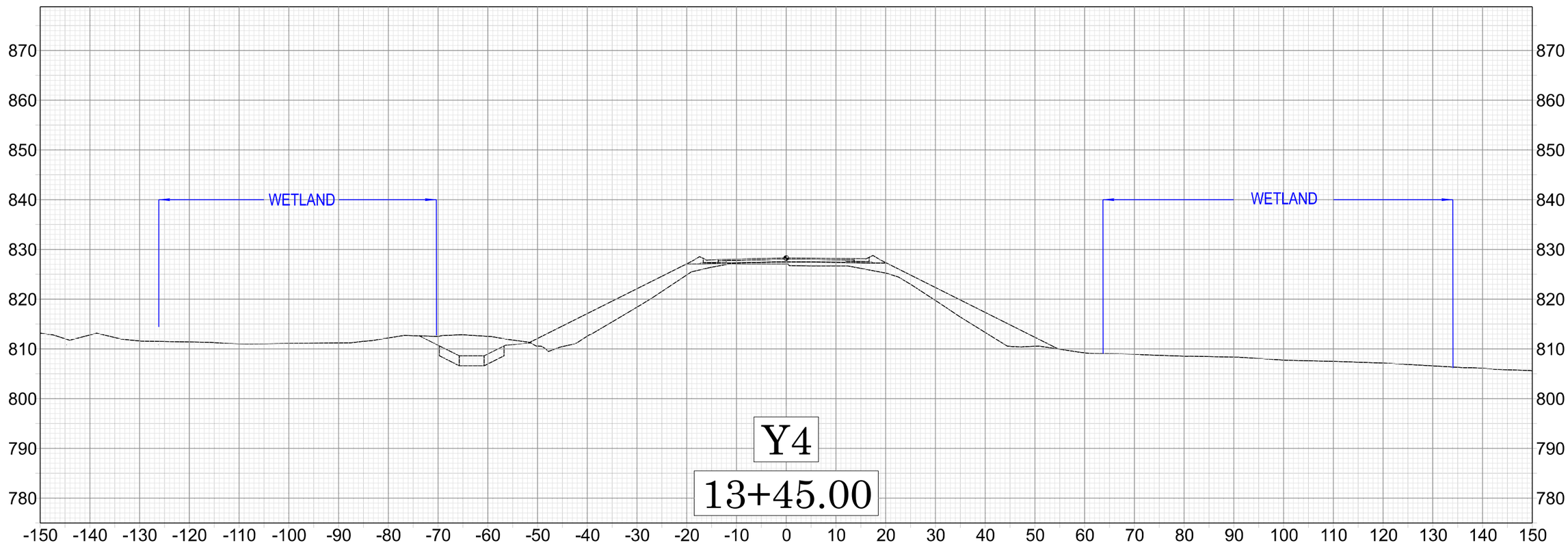
SITE 1



-L- U-6187

PERMIT DRAWING
SHEET 7 OF 35

SITES 3 & 5



-Y4- U-6187

11/14/23

PERMIT DRAWING SHEET 8 OF 35

U-6187

2HY2 | 05

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DAVIE COUNTY

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

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Raleigh, NC 27606

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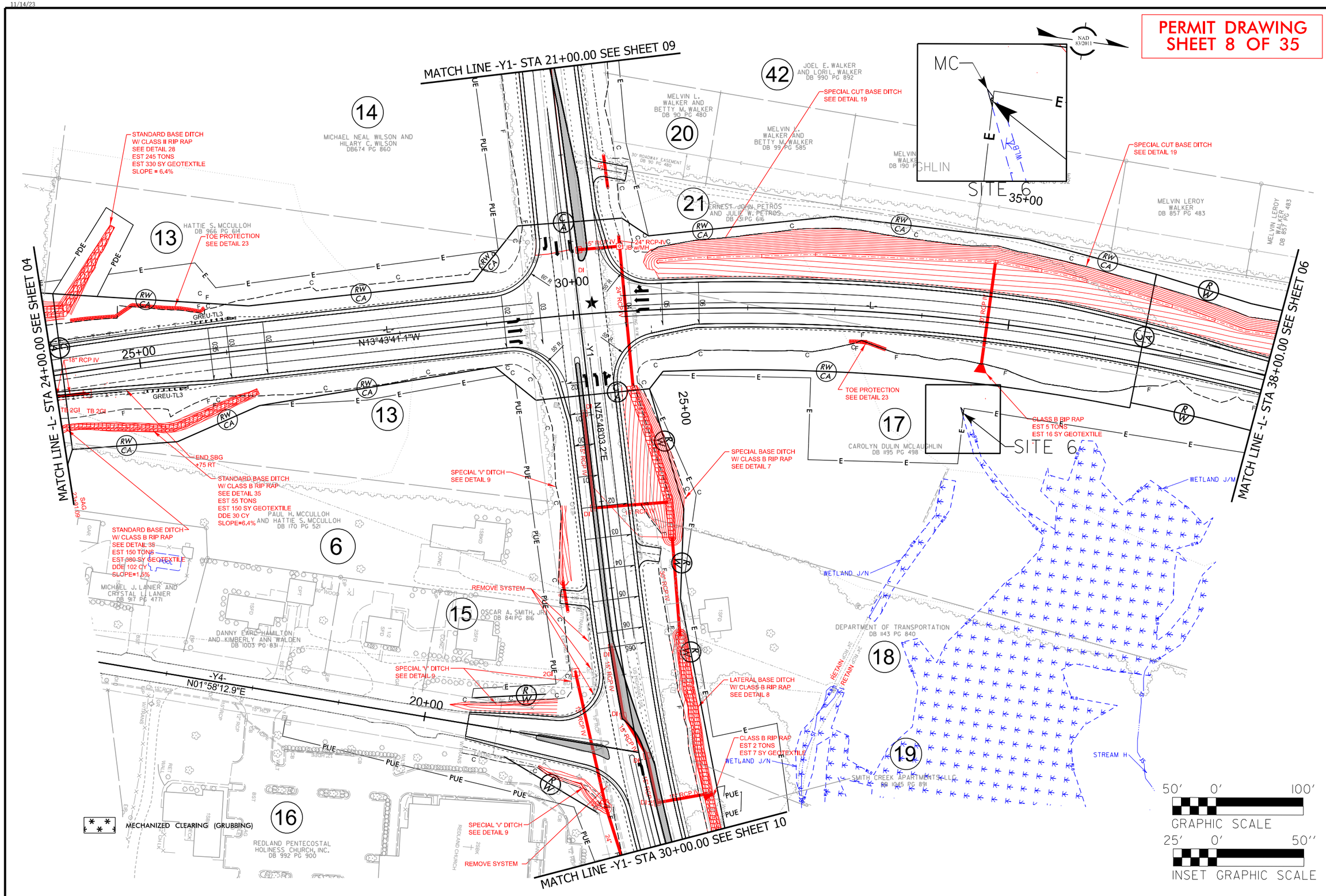

11/14/23

PERMIT DRAWING SHEET 9 OF 35

GRAPHIC SCALE 50' 0' 100'

MATCH LINE -Y1- STA 21+00.00 SEE SHEET 09

MATCH LINE -L- STA 24+00.00 SEE SHEET 04

MATCH LINE -L- STA 38+00.00 SEE SHEET 06

MATCH LINE -Y1- STA 30+00.00 SEE SHEET 10

STANDARD BASE DITCH W/ CLASS II RIP RAP SEE DETAIL 28 EST 245 TONS EST 330 SY GEOTEXTILE SLOPE = 6.4%

TOE PROTECTION SEE DETAIL 23

SPECIAL CUT BASE DITCH SEE DETAIL 19

SPECIAL CUT BASE DITCH SEE DETAIL 19

TOE PROTECTION SEE DETAIL 23

CLASS B RIP RAP EST 5 TONS EST 16 SY GEOTEXTILE

SPECIAL BASE DITCH W/ CLASS B RIP RAP SEE DETAIL 7

SPECIAL 'V' DITCH SEE DETAIL 9

END SBG +75 RT

STANDARD BASE DITCH W/ CLASS B RIP RAP SEE DETAIL 35 EST 55 TONS EST 150 SY GEOTEXTILE DDE 30 CY SLOPE=6.4%

STANDARD BASE DITCH W/ CLASS B RIP RAP SEE DETAIL 35 EST 150 TONS EST 380 SY GEOTEXTILE DDE 102 CY SLOPE=1.5%

REMOVE SYSTEM

SPECIAL 'V' DITCH SEE DETAIL 9

LATERAL BASE DITCH W/ CLASS B RIP RAP SEE DETAIL 8

CLASS B RIP RAP EST 2 TONS EST 7 SY GEOTEXTILE

SPECIAL 'V' DITCH SEE DETAIL 9

REMOVE SYSTEM

SITE 6 SEE PERMIT DRAWING SHEET 8 OF 35 FOR ENLARGEMENT

MECHANIZED CLEARING (GRUBBING)

-L- N13°43'41.1"W

-Y1- N75°48'03.2"E

-Y4- N01°58'12.9"E

25+00 30+00 35+00 20+00

MICHAEL NEAL WILSON AND HILARY C. WILSON DB674 PG 860

HATTIE S. MCCULLOH DB 966 PG 661

JOEL E. WALKER AND LORI L. WALKER DB 990 PG 892

MELVIN L. WALKER AND BETTY M. WALKER DB 90 PG 480

MELVIN L. WALKER AND BETTY M. WALKER DB 99 PG 585

MELVIN L. WALKER DB 190 PG 712

TERESA BUCKNER HIRE DB 421 PG 332

MELVIN LEROY WALKER DB 857 PG 483

ERNEST JOHN PETROS AND JULIA W. PETROS DB 317 PG 616

CAROLYN DULIN MCLAUGHLIN DB 1195 PG 498

PAUL H. MCCULLOH AND HATTIE S. MCCULLOH DB 170 PG 521

MICHAEL J. LANIER AND CRYSTAL L. LANIER DB 917 PG 477

OSCAR A. SMITH, JR. DB 841 PG 816

DANNY EARL HAMILTON AND KIMBERLY ANN WALDEN DB 1003 PG 831

DEPARTMENT OF TRANSPORTATION DB 1143 PG 840

SMITH CREEK APARTMENTS LLC DB 1045 PG 891

REDLAND PENTECOSTAL HOLINESS CHURCH, INC. DB 992 PG 900

WETLAND J/M

WETLAND J/N

STREAM H

U-6187

2HY2 005

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DAVIE COUNTY

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

PREPARED BY

vhb 1168 Engineering, NC, P.O. (C-2705) 5140 Main Campus Drive, Suite 300 Raleigh, NC 27606

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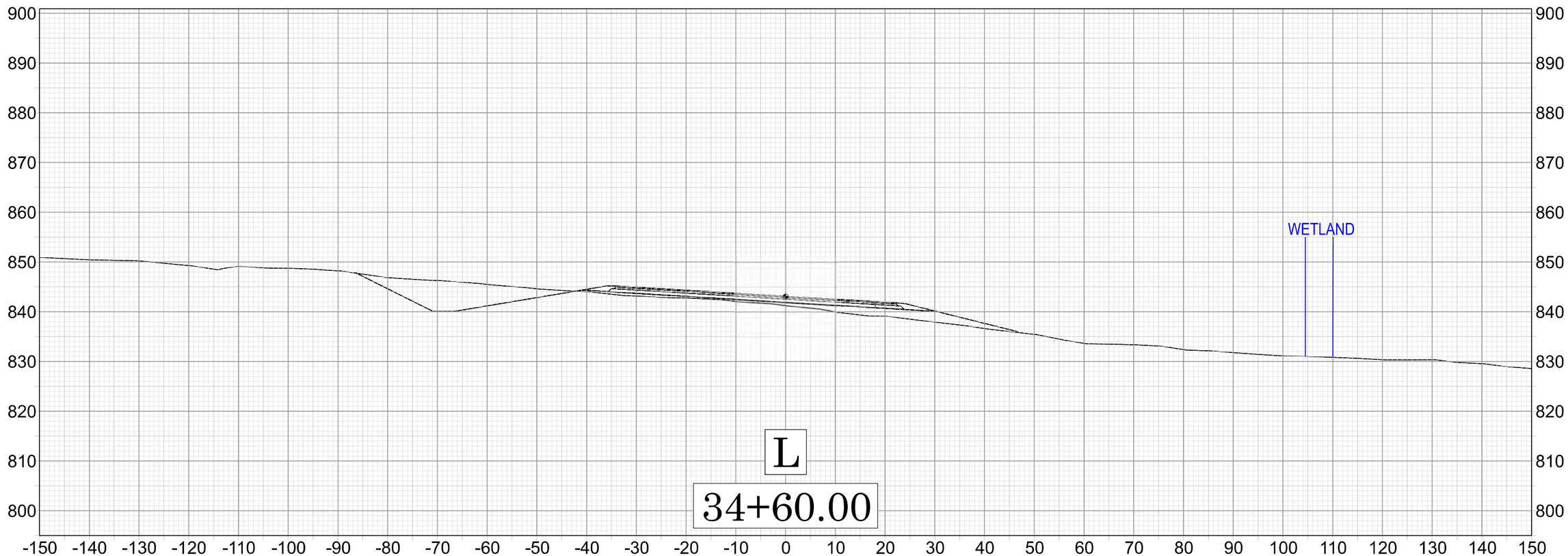
PERMIT DRAWING
SHEET 10 OF 35

SITE 6



-L- U-6187

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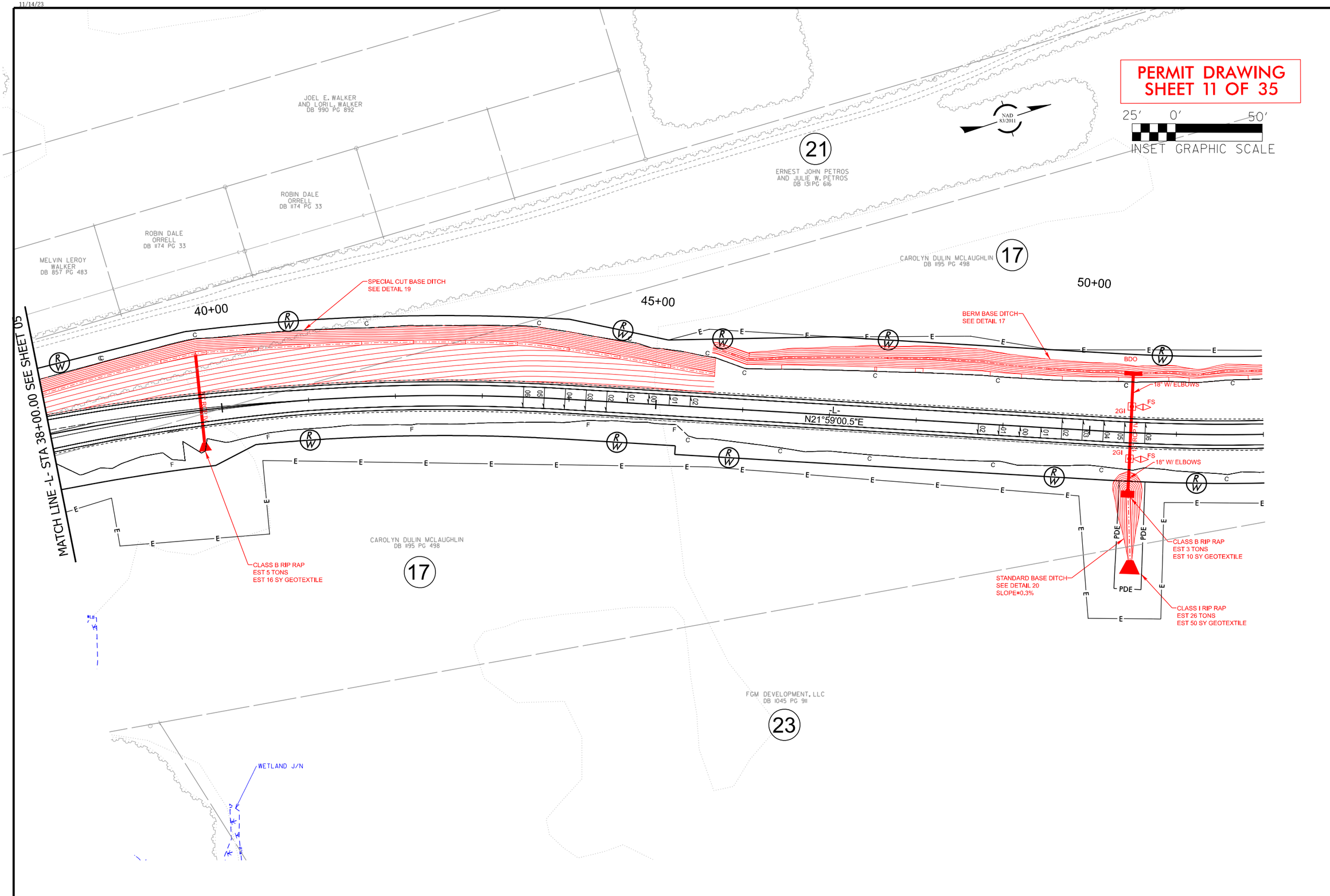

U-6187

2HY2 | 006

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DAVIE COUNTY

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

PREPARED BY

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Raleigh, NC 27606

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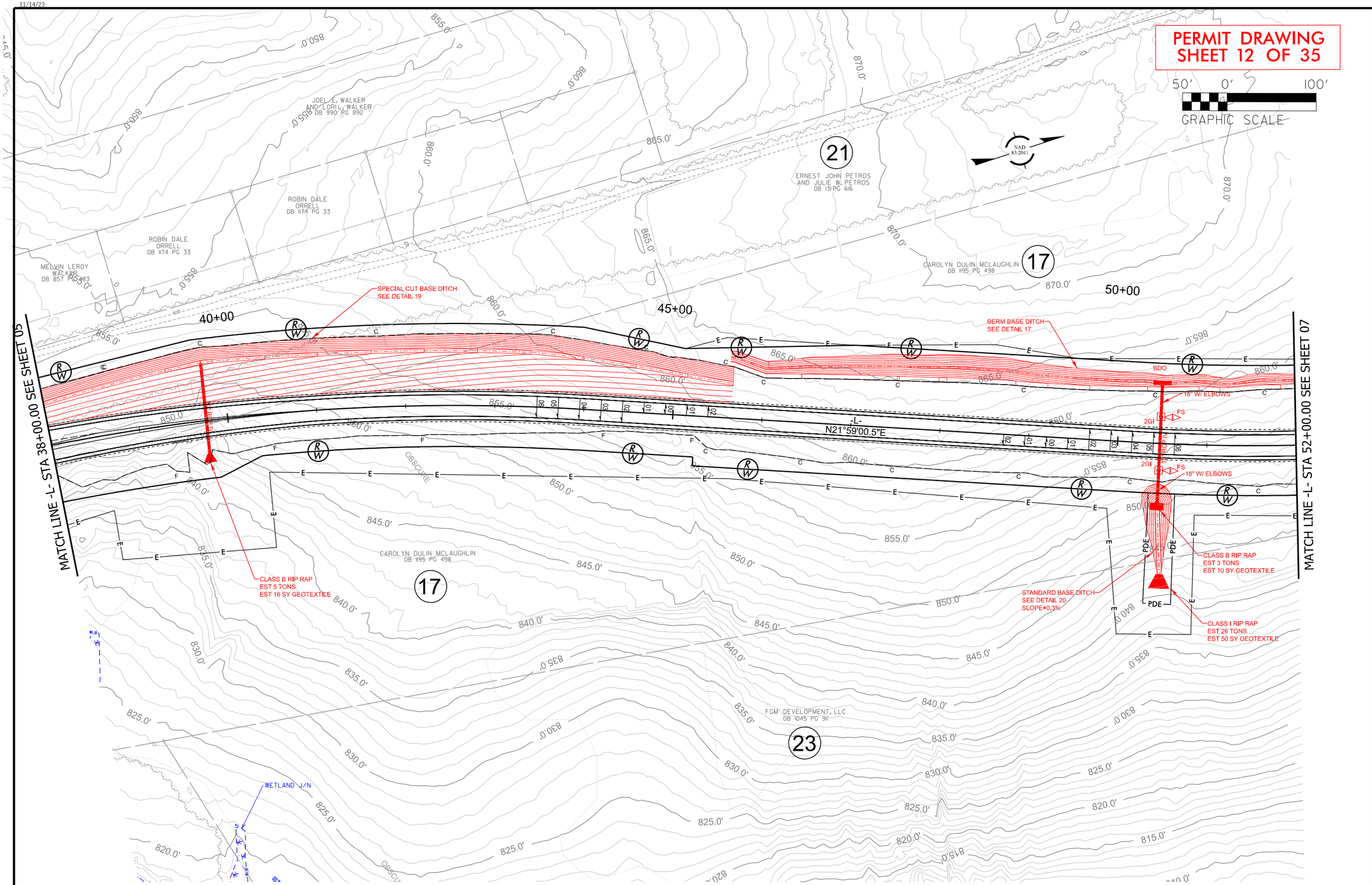
PERMIT DRAWING
SHEET 12 OF 35



U-6187
2HY2 006

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DAVIE COUNTY

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

PREPARED BY
VHB Engineering NC, P.C. (C-3705)
5410 Main Campus Drive, Suite 300
Raleigh, NC 27606

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11/14/23

PERMIT DRAWING
SHEET 13 OF 35

50' 0' 100'
GRAPHIC SCALE

NAD 83/2011

17
CAROLYN DULIN MCLAUGHLIN
DB 1195 PG 498

22
DAVID EUGENE ROBERTSON
AND JANET A. ROBERSTON
DB 845 PG 617

23
FGM DEVELOPMENT, LLC
DB 1045 PG 911

22
DAVID EUGENE ROBERTSON
AND JANET A. ROBERSTON
DB 845 PG 617

MATCH LINE -L- STA 52+00.00 SEE SHEET 06

MATCH LINE -L- STA 63+75.00 SEE SHEET 08

55+00

60+00

BERM BASE DITCH
SEE DETAIL 17

BDO

LATERAL BASE DITCH
W/ CLASS I RIP RAP
SEE DETAIL 21

BEGIN SBG
+25 LT

TB 2GI

15" RCP-IV

2GI

FS

RCP IV

GREU-TL3

CLASS B RIP RAP
EST 3 TONS
EST 10 SY GEOTEXTILE

STANDARD BASE DITCH
SEE DETAIL 20
SLOPE=0.3%

PDE

TOE PROTECTION
SEE DETAIL 22

CLASS I RIP RAP
EST 26 TONS
EST 50 SY GEOTEXTILE

WETLAND Q

U-6187
2HY2 | 007

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DAVIE COUNTY

ROADWAY DESIGN UNIT

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11/14/23

PERMIT DRAWING
SHEET 14 OF 35

50' 0' 100'
GRAPHIC SCALE

NAD 83/2011

MATCH LINE -L- STA 52+00.00 SEE SHEET 06

MATCH LINE -L- STA 63+75.00 SEE SHEET 08

55+00

60+00

17

CAROLYN DUSH MCLAUGHLIN
DB 198 PG 498

22

DAVID EUGENE ROBERTSON
AND JANET A. ROBERSTON
DB 845 PG 617

23

FGM DEVELOPMENTS LLC
DB 1045 PG 911

BERM BASE DITCH
SEE DETAIL 17

BDO

2GI

FS

15" RCP IV

LATERAL BASE DITCH
W/ CLASS I RIP RAP
SEE DETAIL 21

BEGIN SBG
+25 LT

TB 2GI

15" RCP-IV

GREU-TL3

CLASS B RIP RAP
EST 3 TONS
EST 10 SY GEOTEXTILE

STANDARD BASE DITCH
SEE DETAIL 23
SLOPE=0.3%

PDE

TOE PROTECTION
SEE DETAIL 22

CLASS I RIP RAP
EST 26 TONS
EST 50 SY GEOTEXTILE

WETLAND Q

U-6187
2HY2 | 007

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DAVIE COUNTY

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

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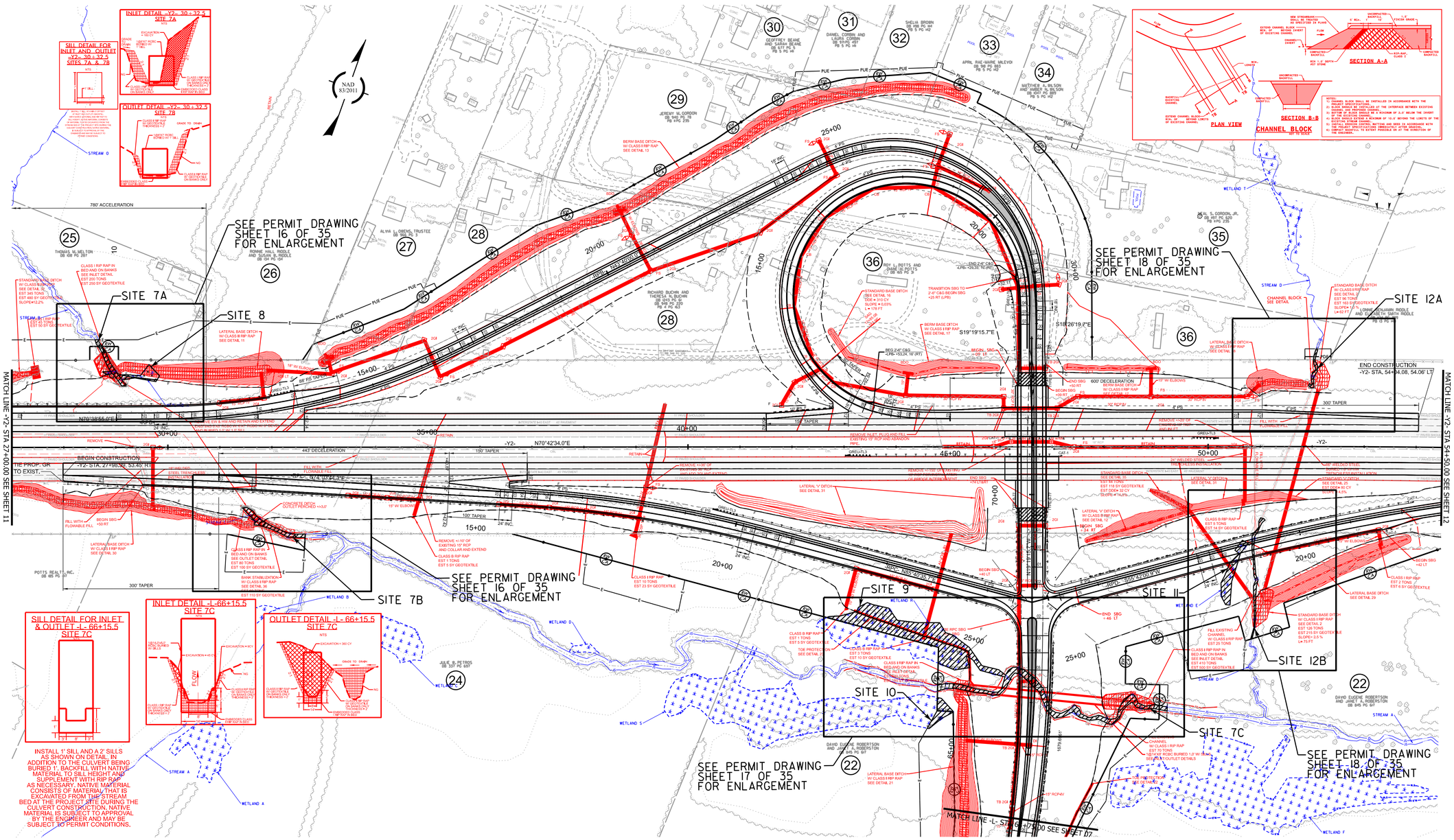
PERMIT DRAWING SHEET 15 OF 35



U-6187
2HY2 | 008
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DAVIE COUNTY

ROADWAY DESIGN UNIT

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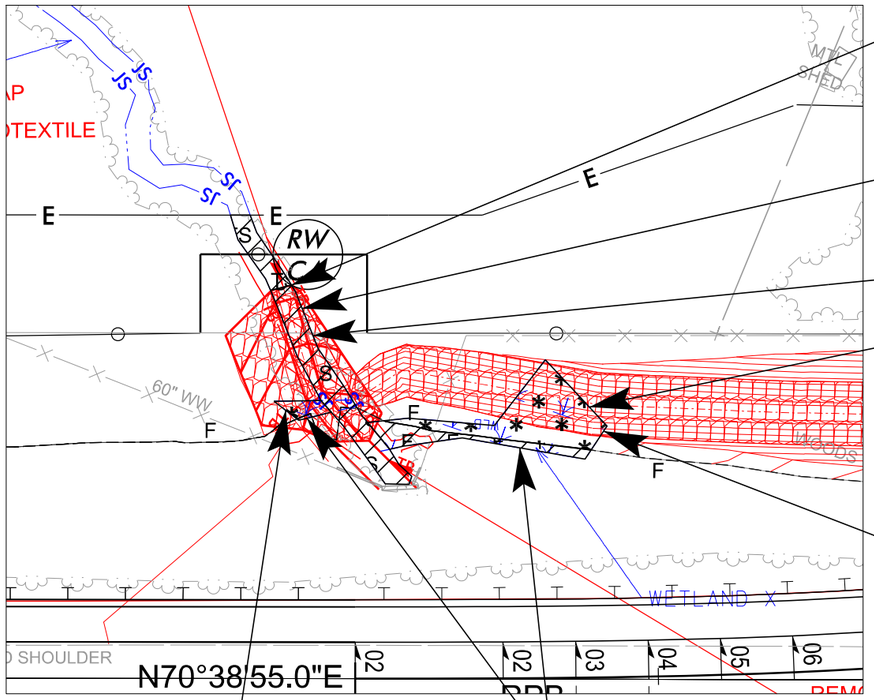
2HY2	008

PERMIT DRAWING
SHEET 16 OF 35

25′ 0′ 50′
INSET GRAPHIC SCALE

- FILL IN WETLAND
- MECHANIZED CLEARING (GRUBBING)
- SURFACE WATER IMPACTS
- TEMPORARY SURFACE WATER IMPACTS

SITE 7A AND 8



TEMPORARY SURFACE WATER

SURFACE WATER

SITE 7A

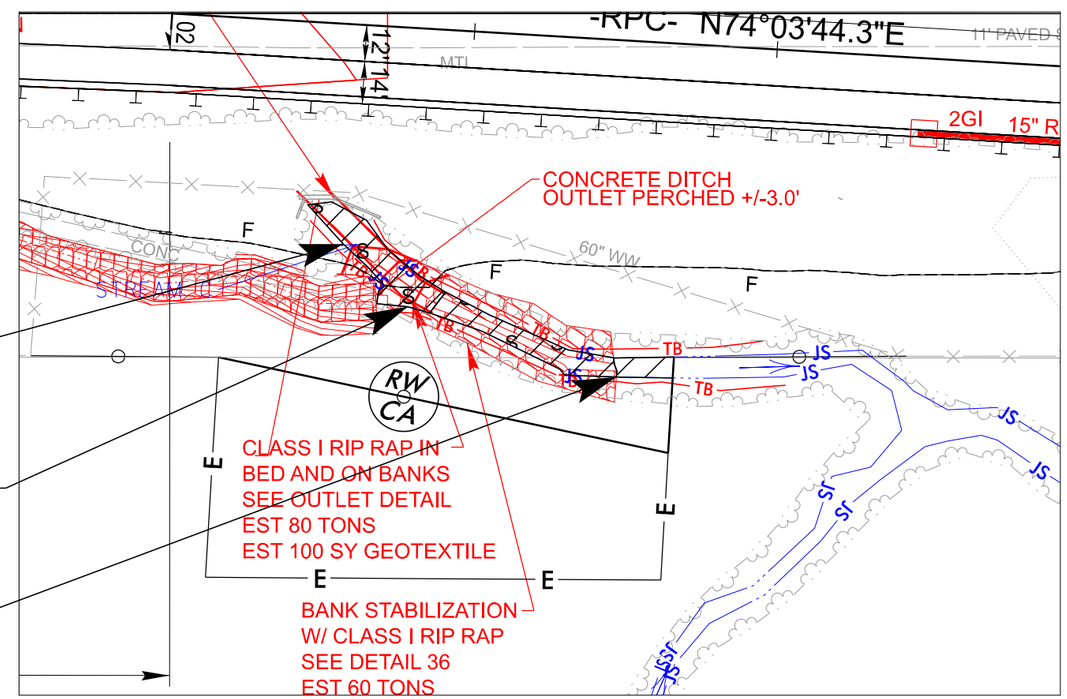
MECHANIZED CLEARING

SITE 8

MECHANIZED CLEARING

FILL

SITE 7B



SURFACE WATER

SITE 7B

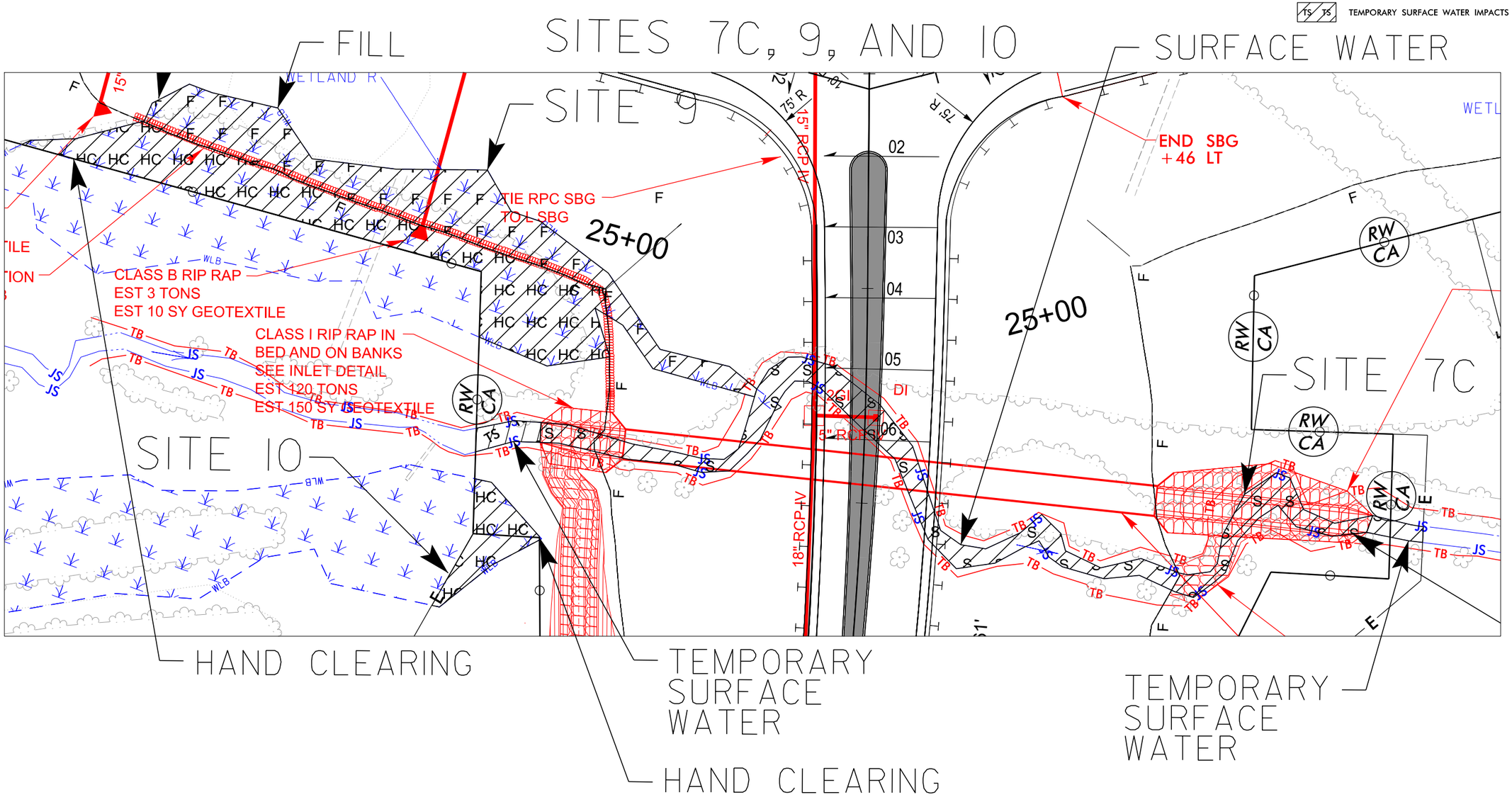
TEMPORARY SURFACE WATER

U-6187	
2HY2	008

PERMIT DRAWING
SHEET 17 OF 35

25' 0' 50'
INSET GRAPHIC SCALE

HC HC HAND CLEARING (NON-GRUBBING)
F F FILL IN WETLAND
S S SURFACE WATER IMPACTS
TS TS TEMPORARY SURFACE WATER IMPACTS

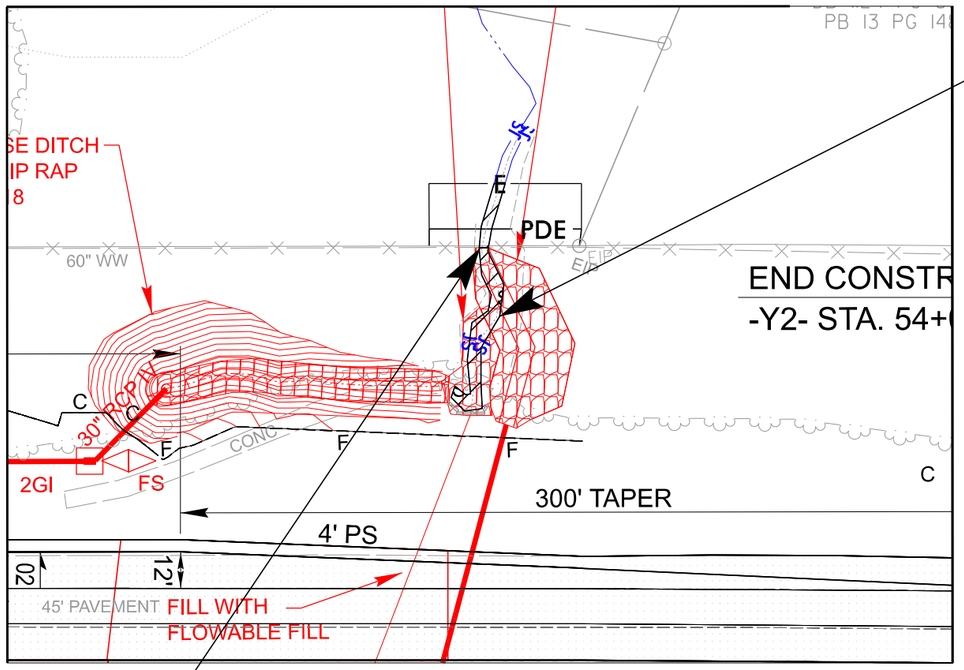


PERMIT DRAWING
SHEET 18 OF 35

25' 0' 50'
INSET GRAPHIC SCALE

F F FILL IN WETLAND
S S SURFACE WATER IMPACTS
TS TS TEMPORARY SURFACE WATER IMPACTS

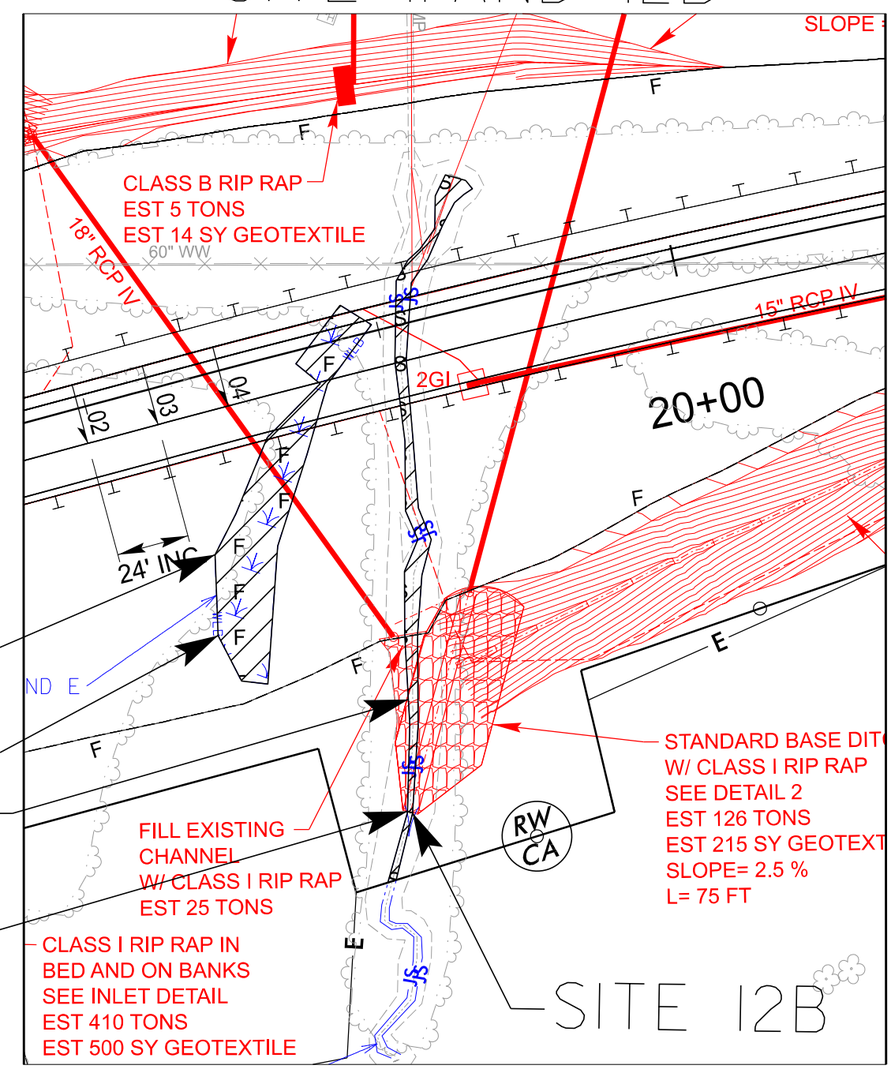
SITE 12A



TEMPORARY SURFACE WATER

SURFACE WATER

SITE 11 AND 12B



FILL

SITE 7C

SURFACE WATER

TEMPORARY SURFACE WATER

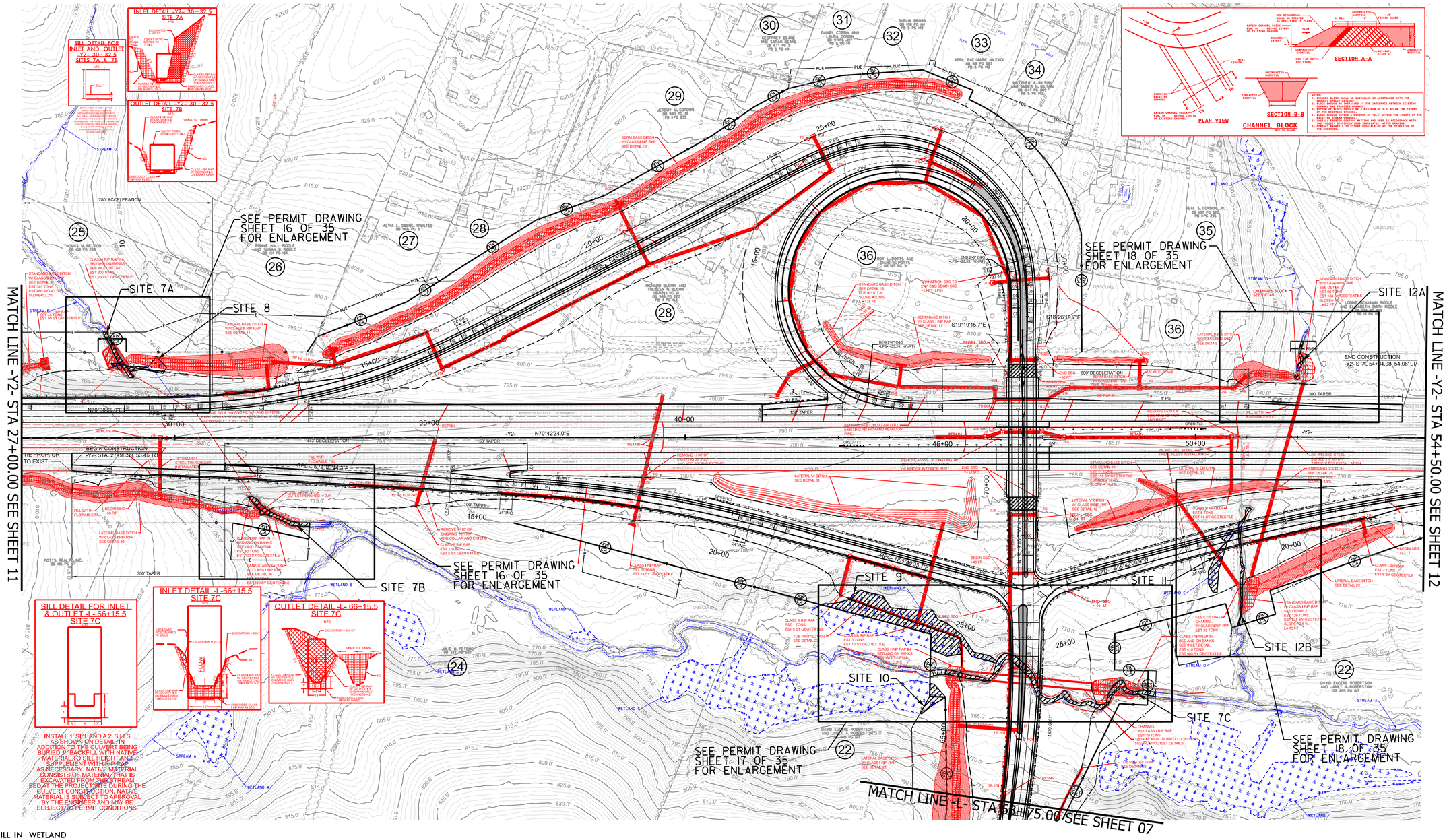
SITE 12B

PERMIT DRAWING SHEET 19 OF 35

NAD 83/2011

GRAPHIC SCALE: 50' 0' 100'

INSET GRAPHIC SCALE: 25' 0' 50'



FILL IN WETLAND

MECHANIZED CLEARING (GRUBBING)

SURFACE WATER IMPACTS

TEMPORARY SURFACE WATER IMPACTS

U-6187

2HY2 | 008

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DAVIE COUNTY

ROADWAY DESIGN UNIT

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

PREPARED BY

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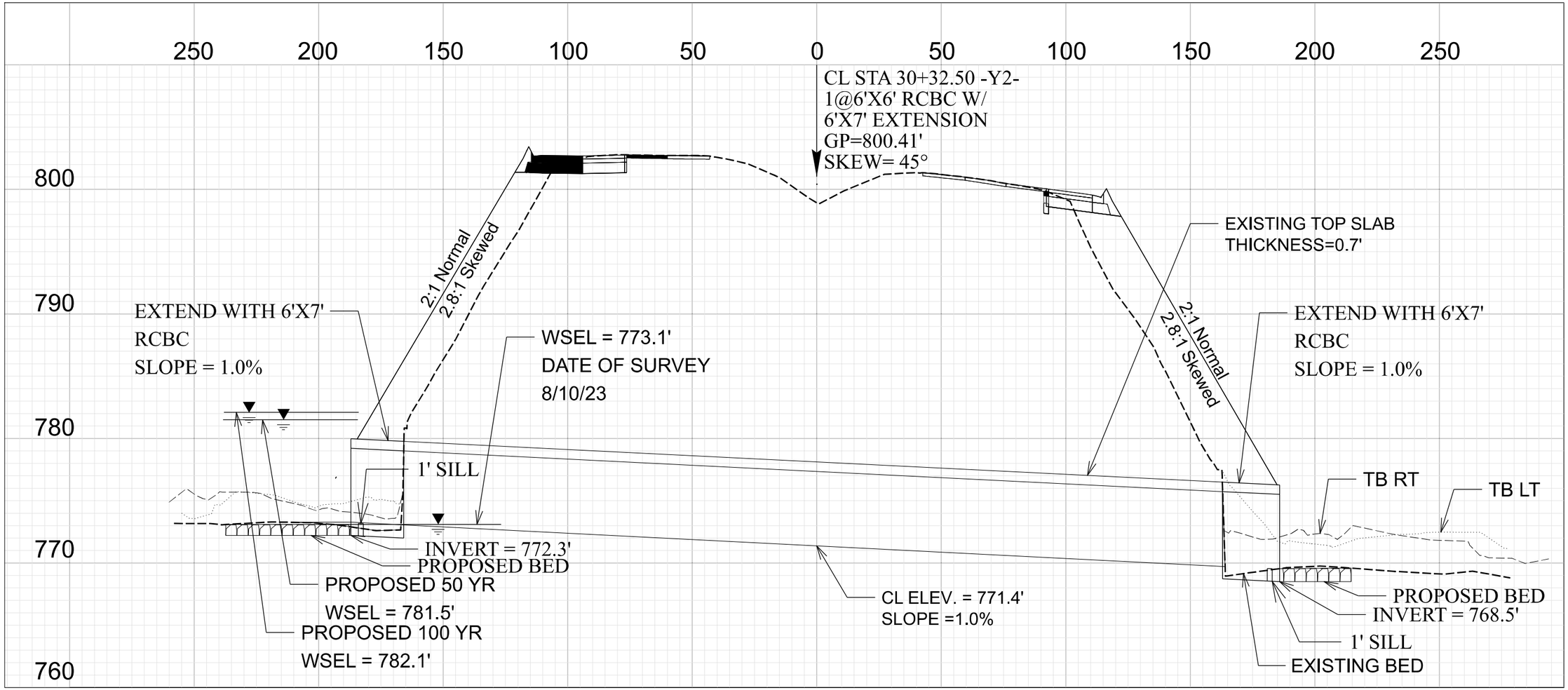
SHEET 20 OF 35

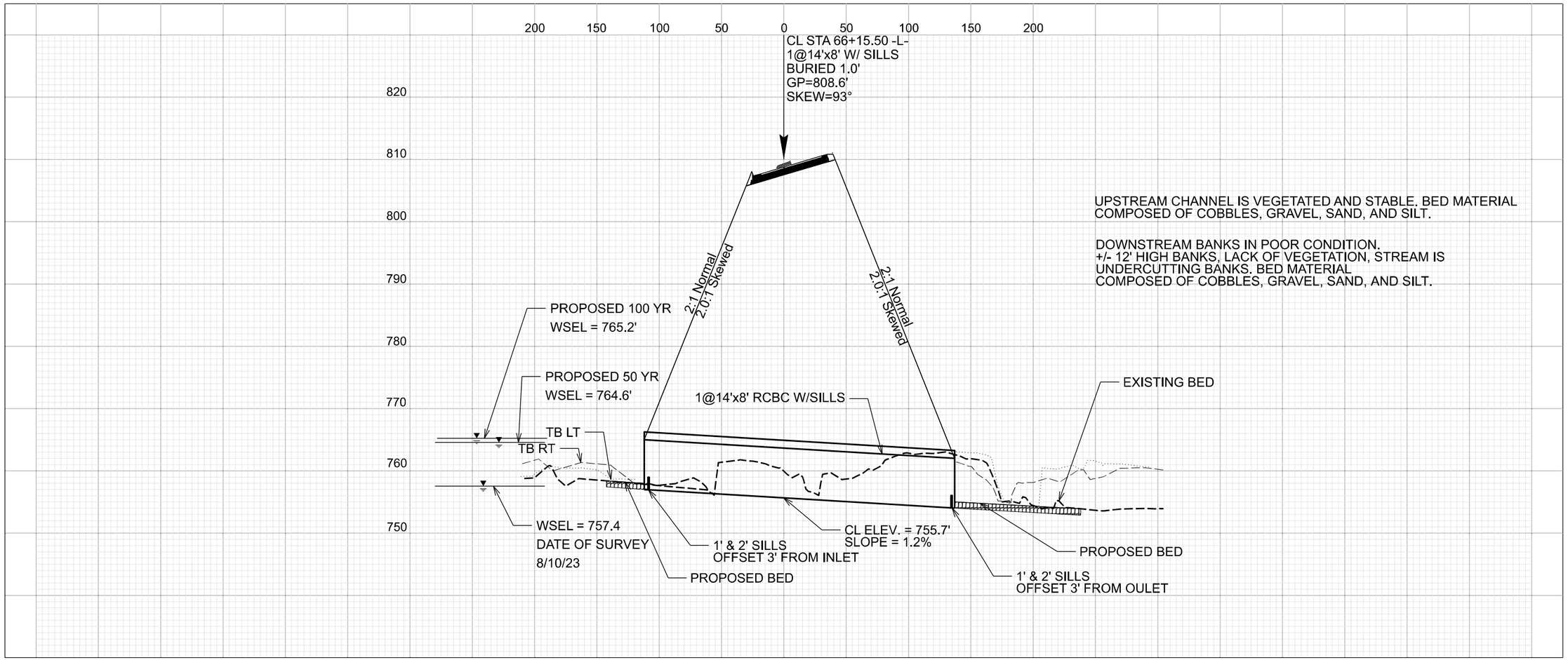
SITES 7A, 7B, & 8



-Y2- U-6187

PERMIT DRAWING
SHEET 21 OF 35

SITE 7C



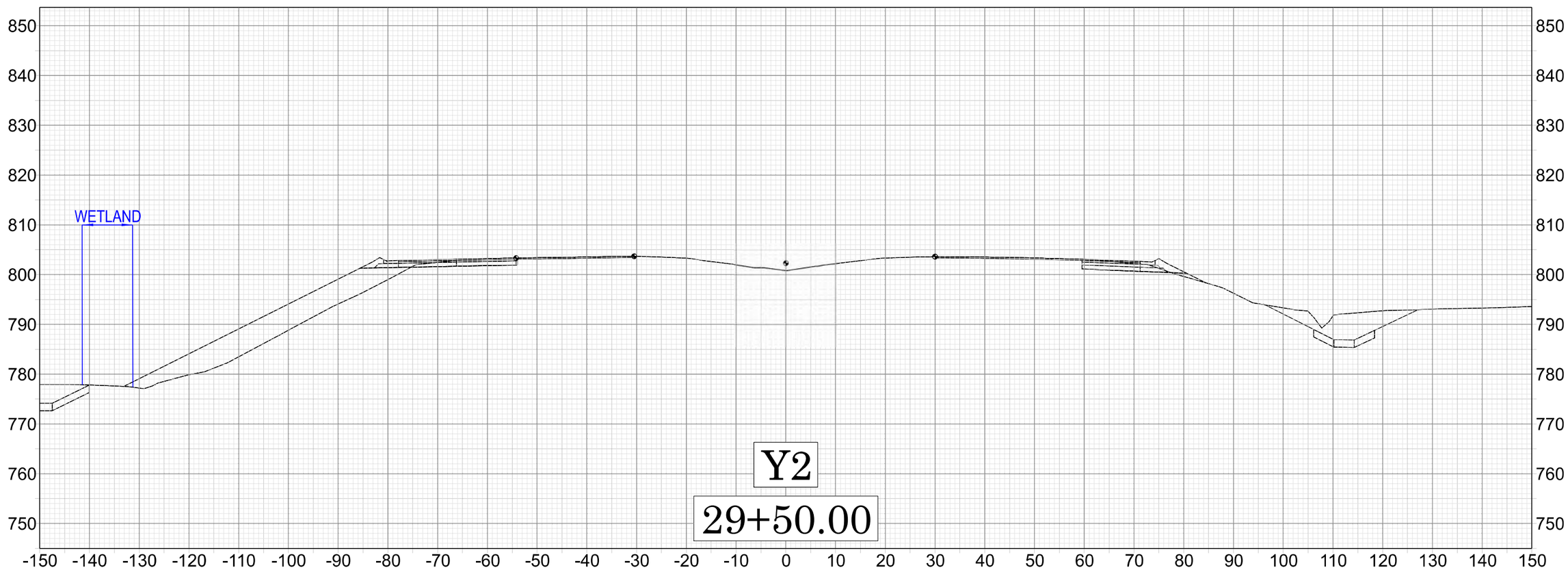
UPSTREAM CHANNEL IS VEGETATED AND STABLE. BED MATERIAL COMPOSED OF COBBLES, GRAVEL, SAND, AND SILT.

DOWNSTREAM BANKS IN POOR CONDITION.
+/- 12' HIGH BANKS, LACK OF VEGETATION, STREAM IS UNDERCUTTING BANKS. BED MATERIAL COMPOSED OF COBBLES, GRAVEL, SAND, AND SILT.

-L- U-6187

PERMIT DRAWING
SHEET 22 OF 35

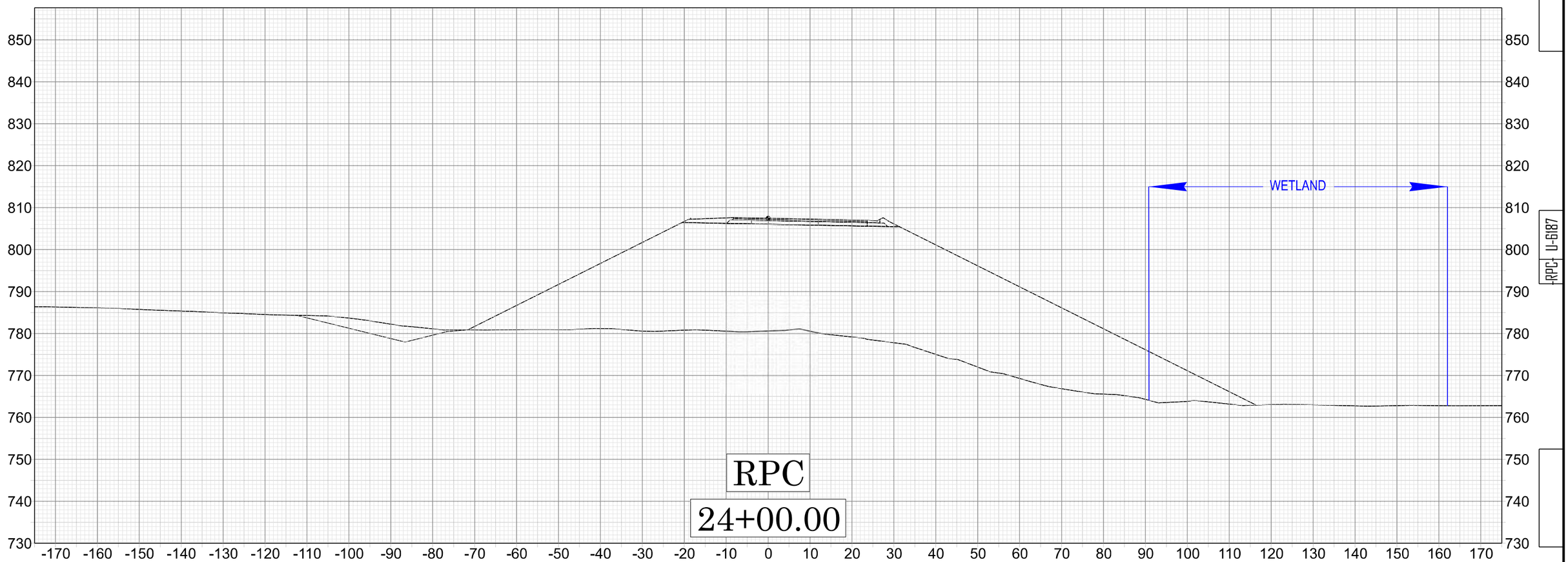
SITE 8



-Y2- U-6187

PERMIT DRAWING
SHEET 23 OF 35

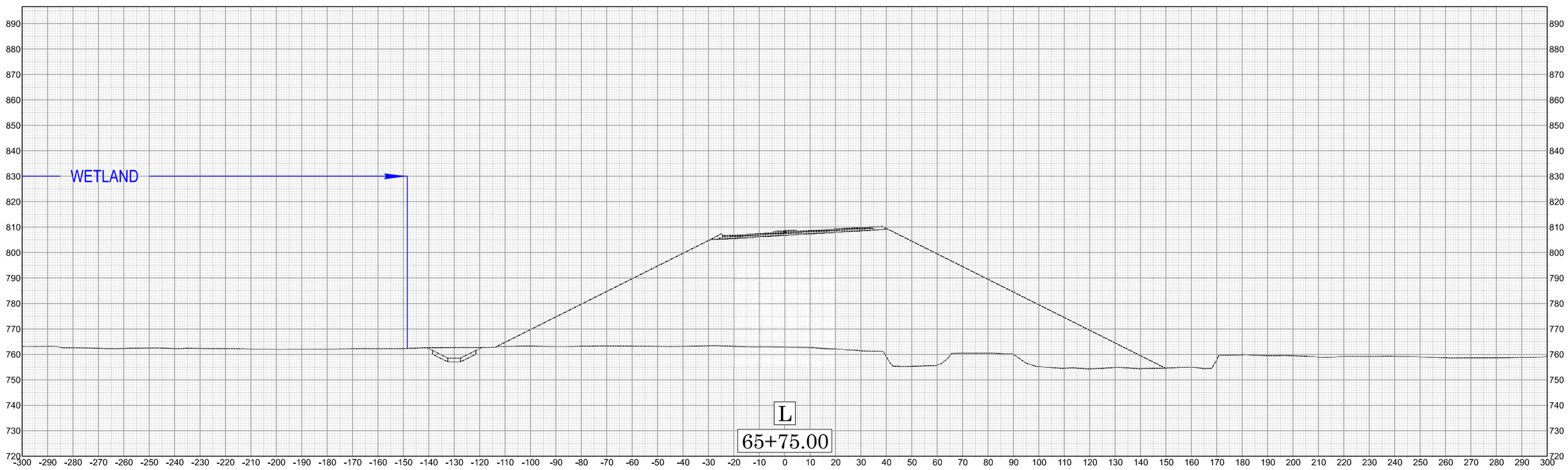
SITE 9



RPC: U-6187

PERMIT DRAWING
SHEET 24 OF 35

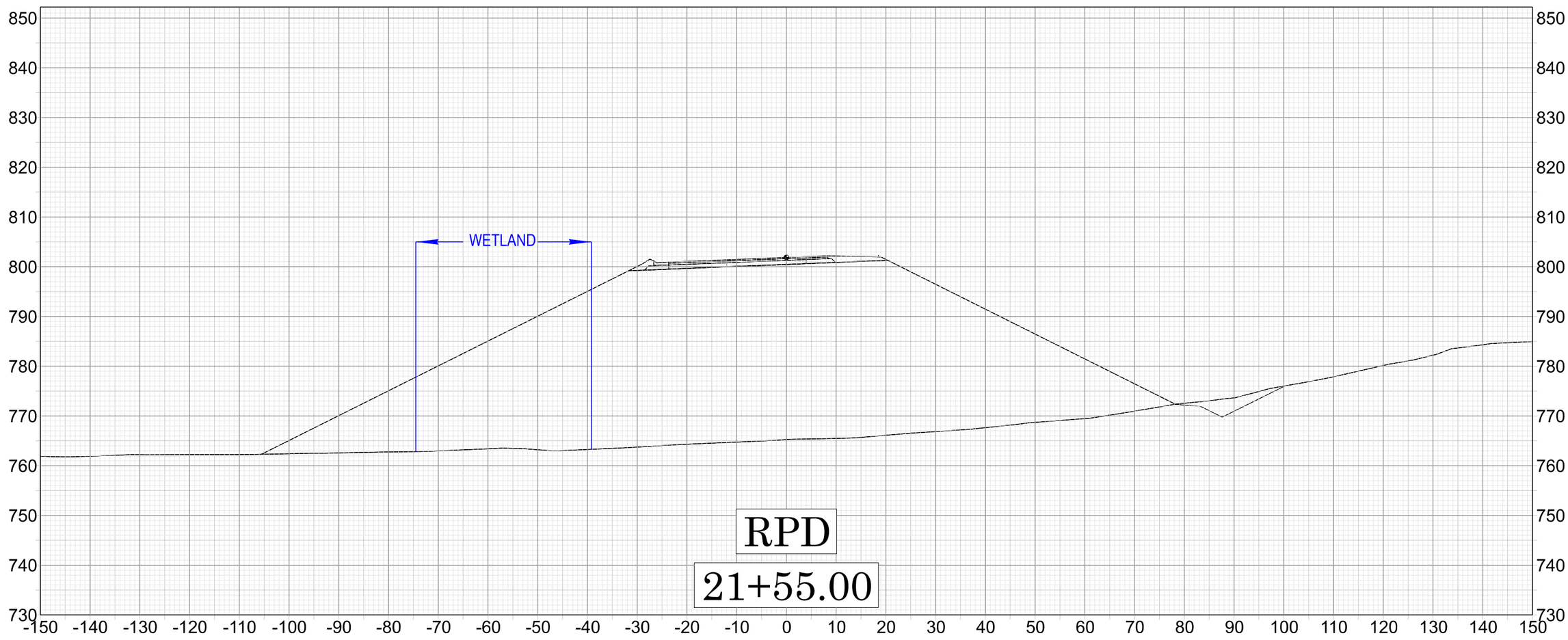
SITE 10



-L- U-6187

PERMIT DRAWING
SHEET 25 OF 35

SITE 11

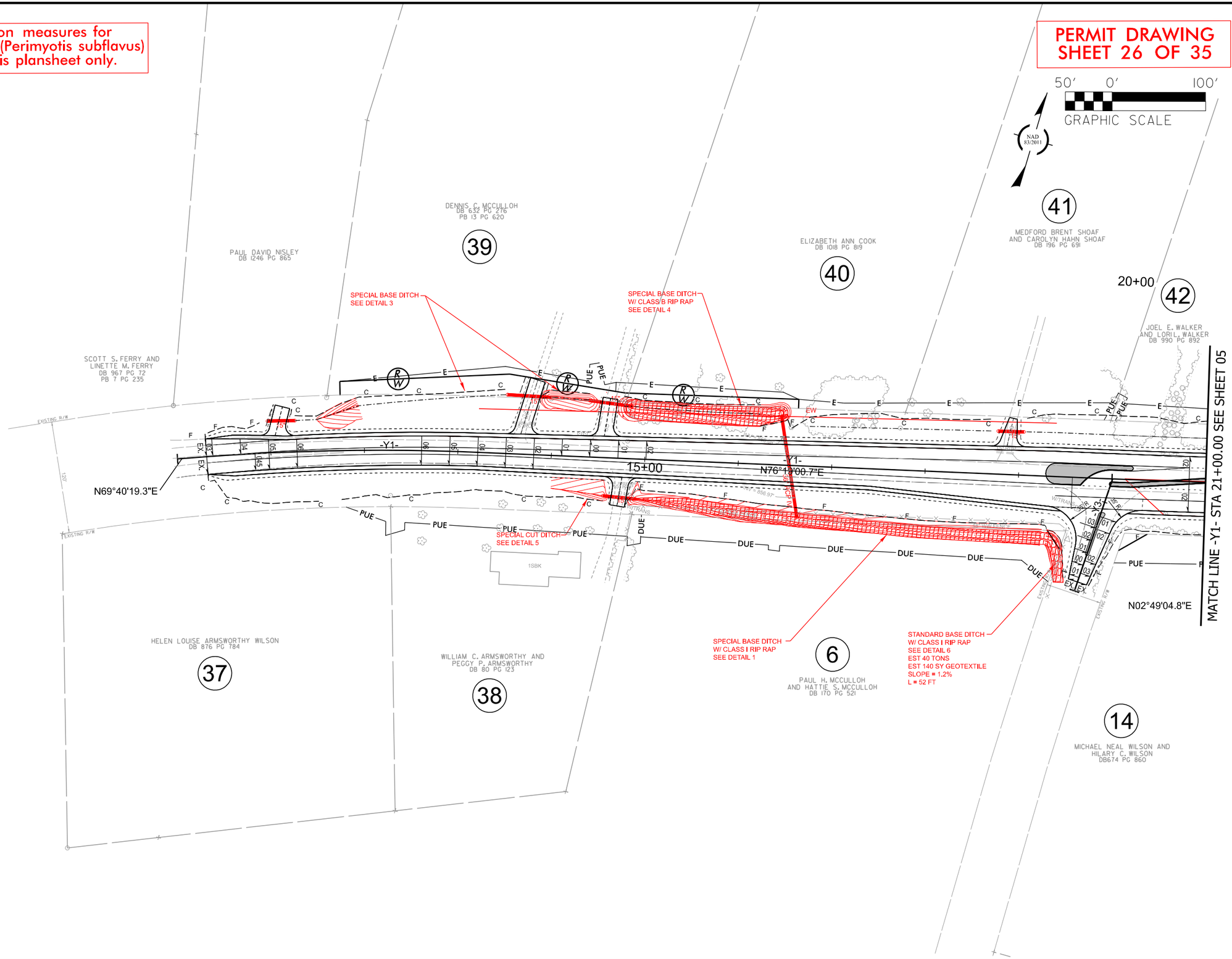


RPD- LI-6187

11/14/23

Conservation measures for tricolored bats (Perimyotis subflavus) apply to this plansheet only.

PERMIT DRAWING
SHEET 26 OF 35



U-6187
2HY2 | 009

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DAVIE COUNTY

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

PREPARED BY
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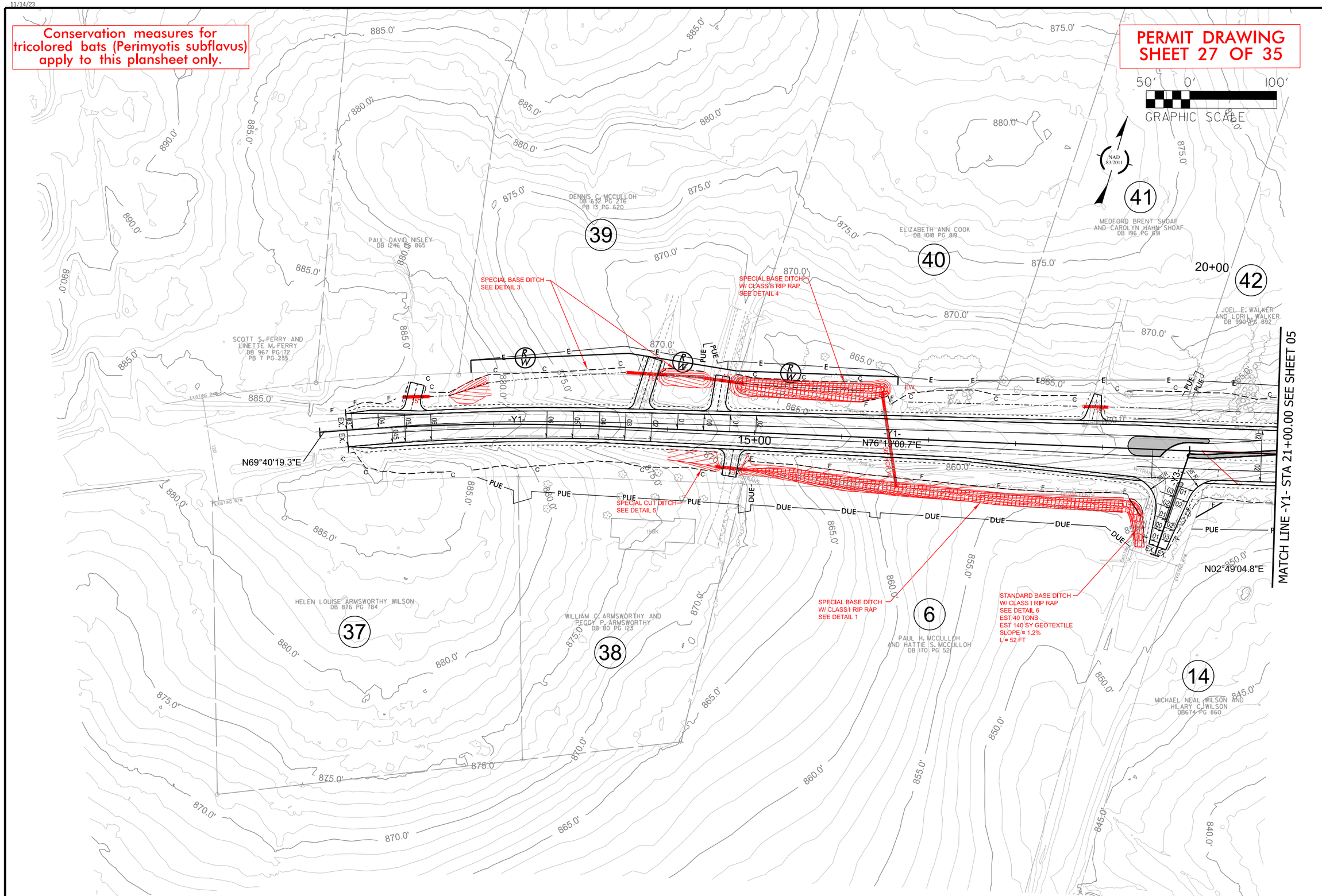
Conservation measures for tricolored bats (Perimyotis subflavus) apply to this plansheet only.

PERMIT DRAWING
SHEET 27 OF 35



U-6187
2HY2 | 009

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DAVIE COUNTY

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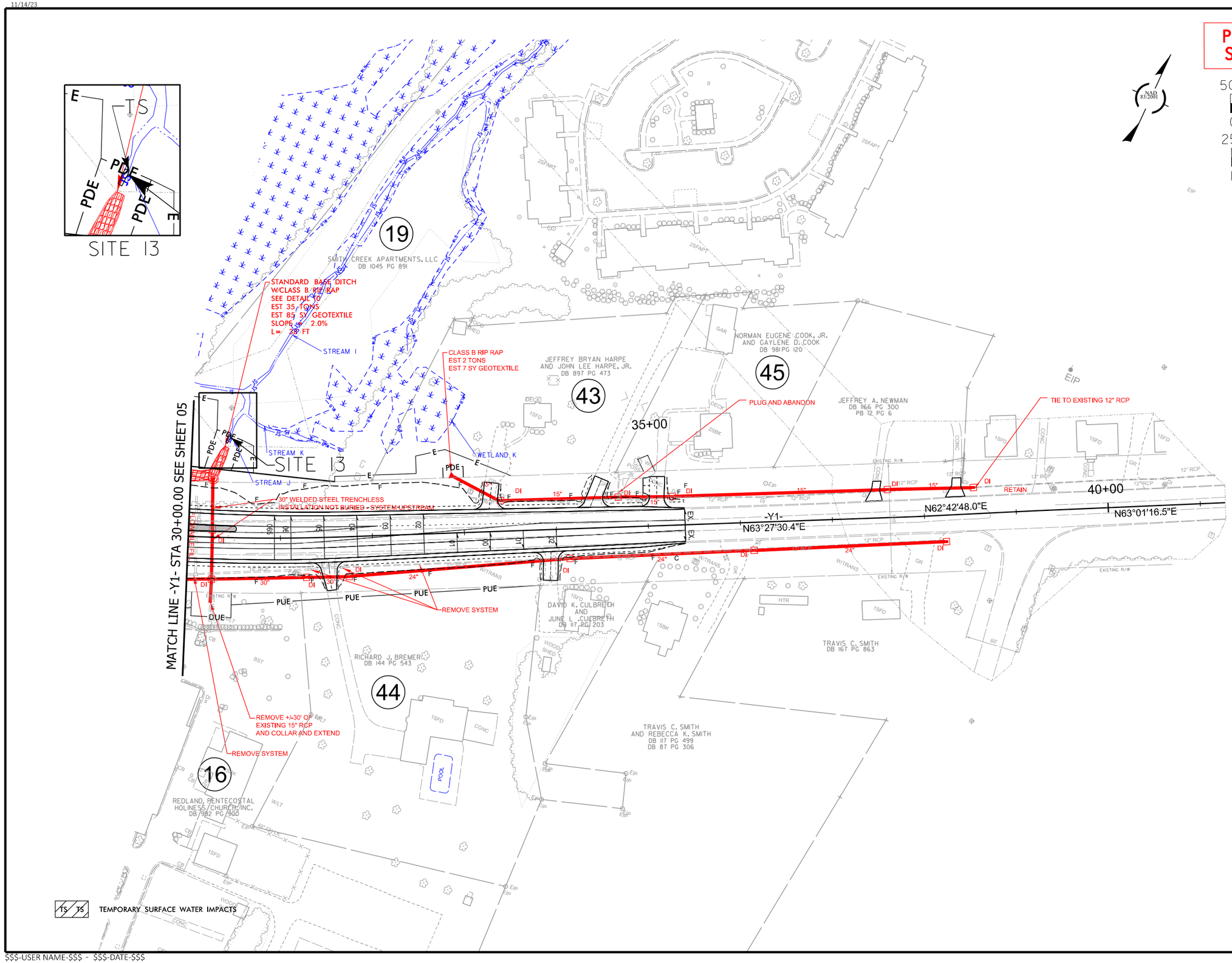
11/14/23



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NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DAVIE COUNTY

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

PREPARED BY

vhb
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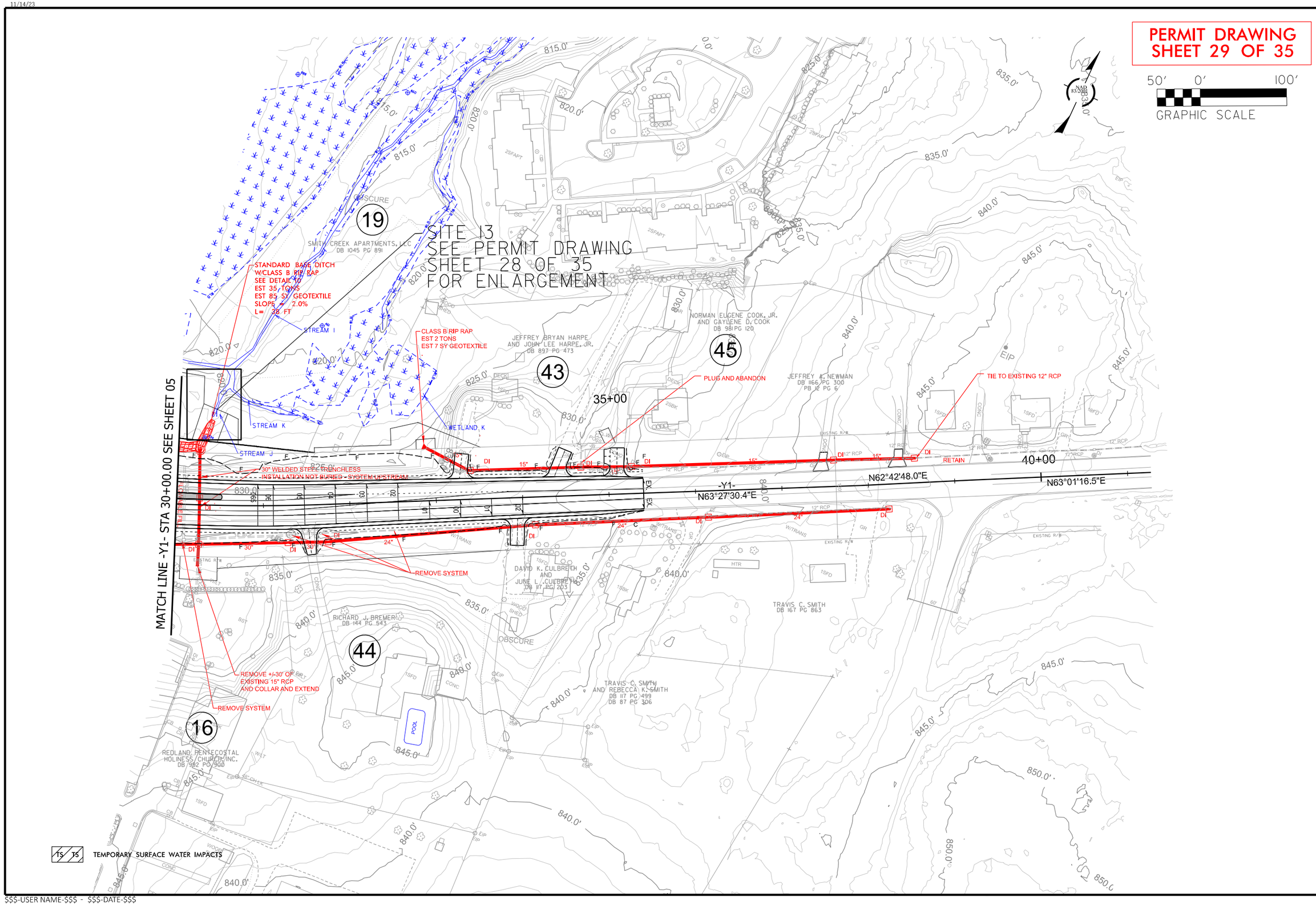

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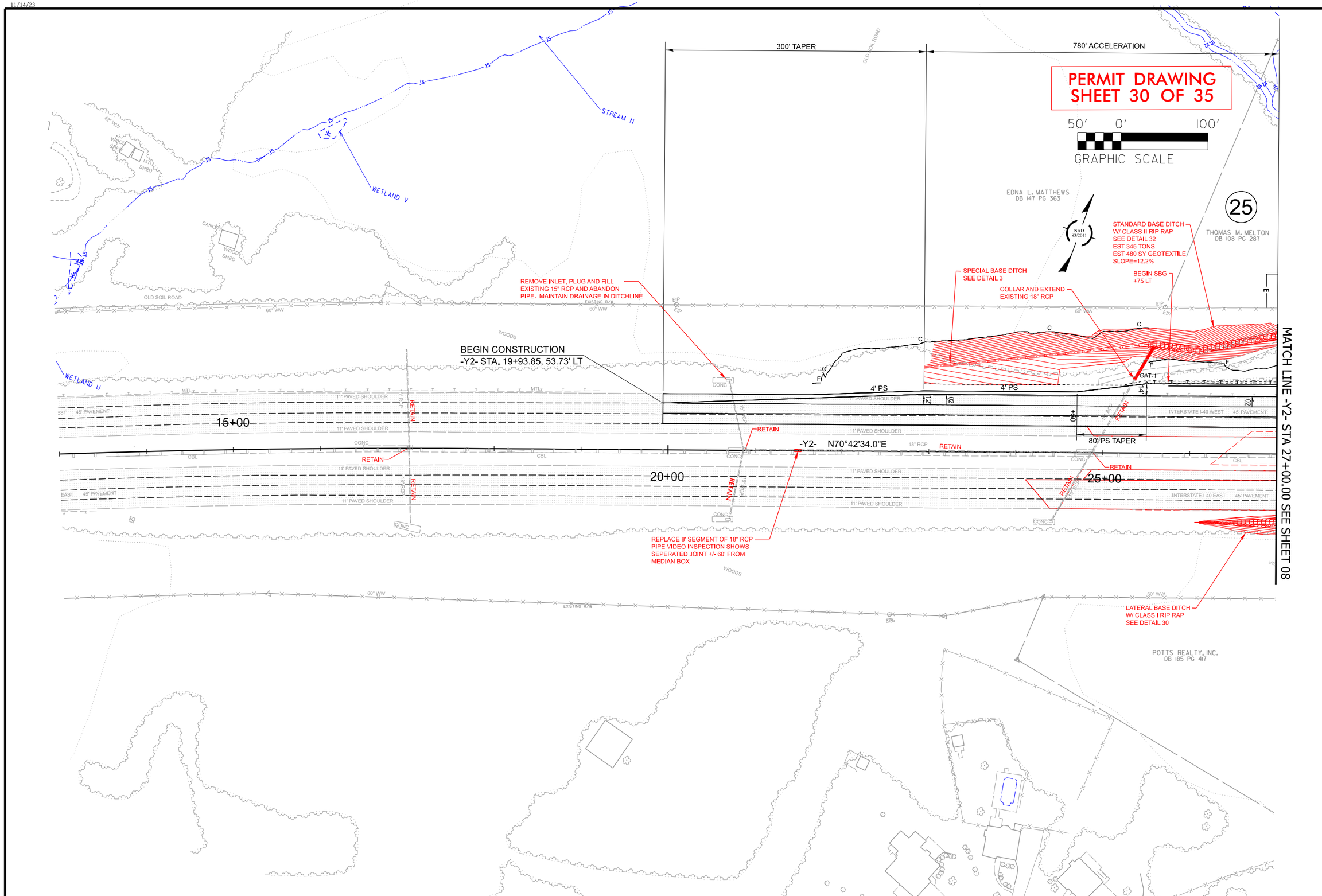

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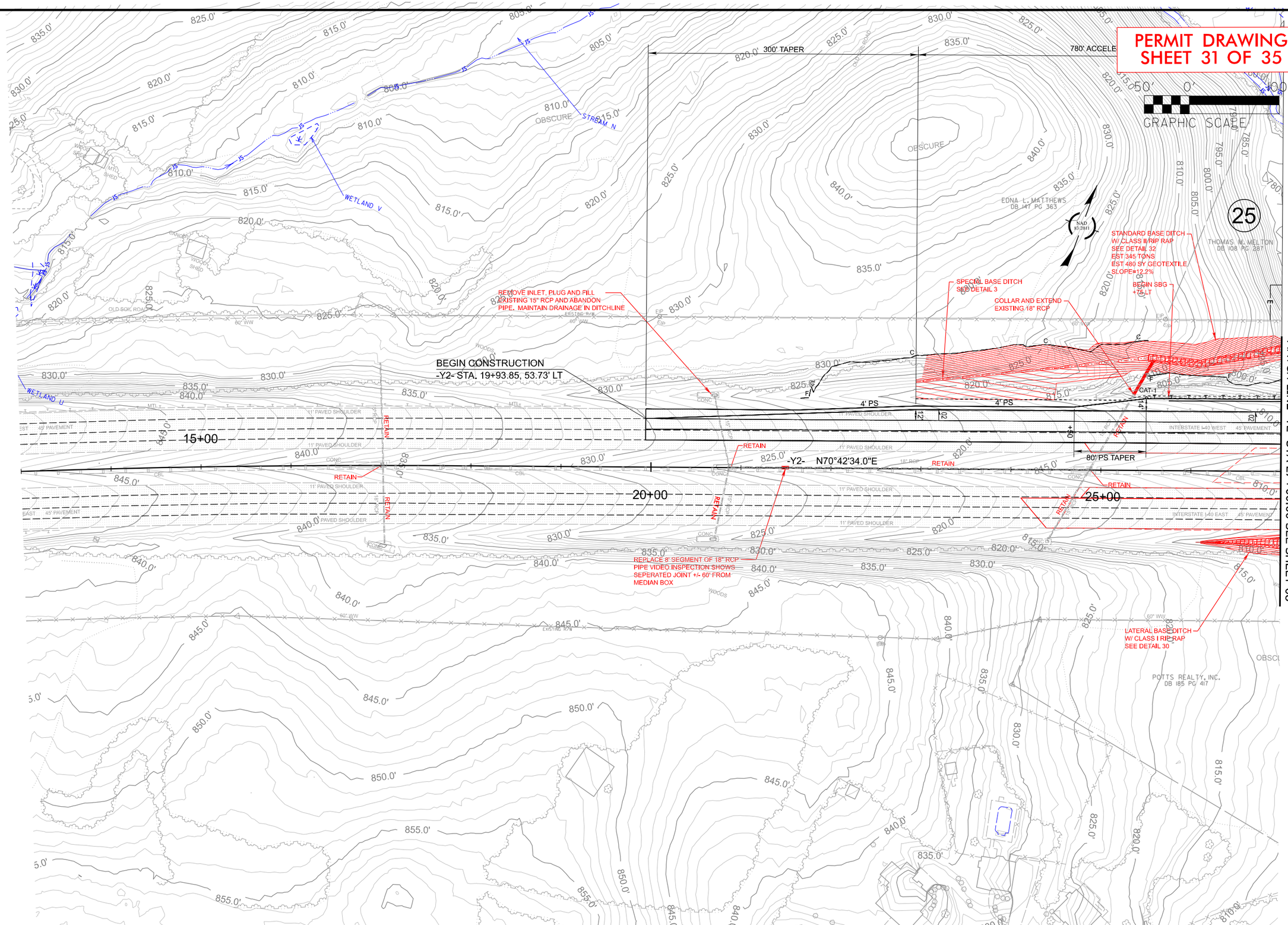

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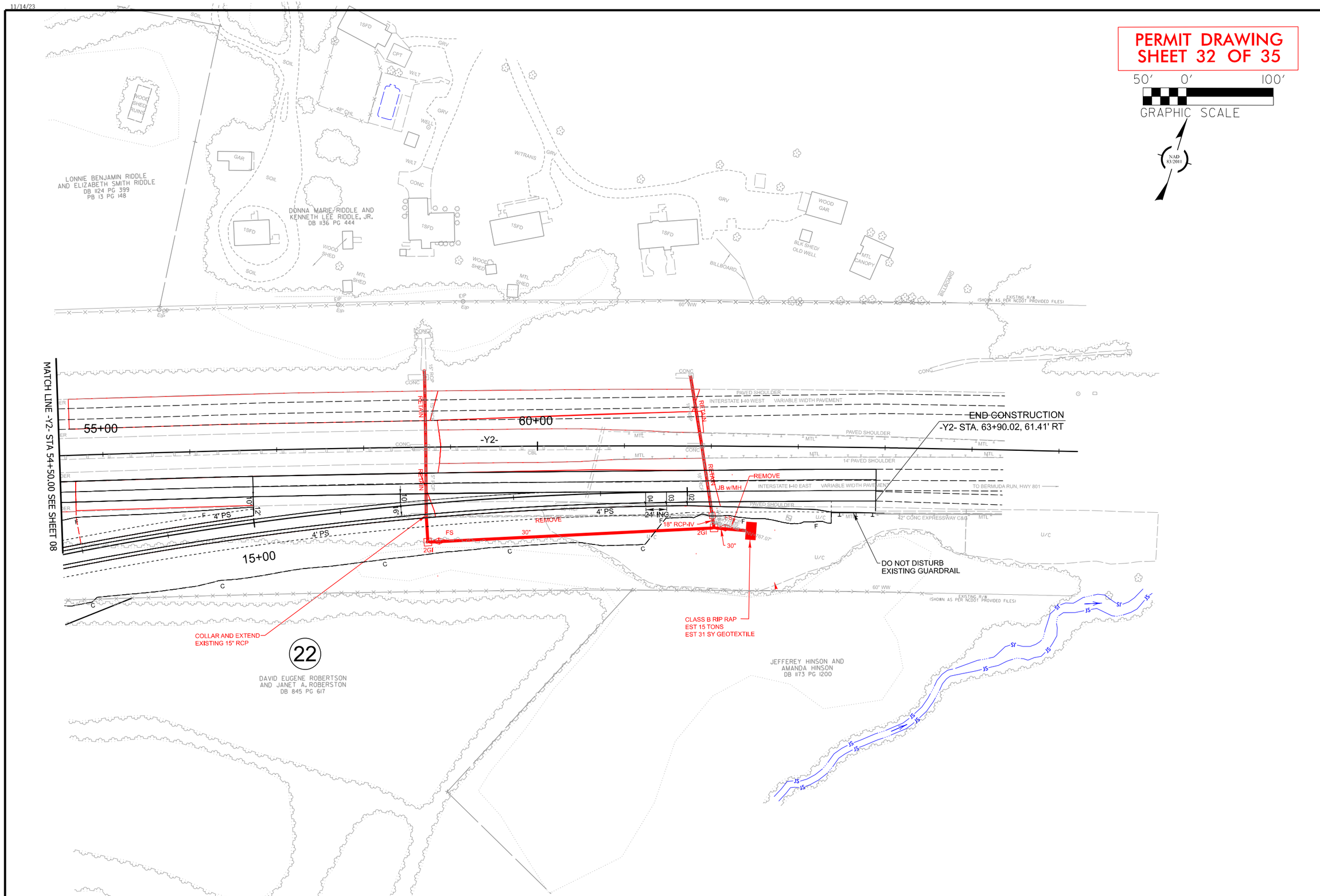

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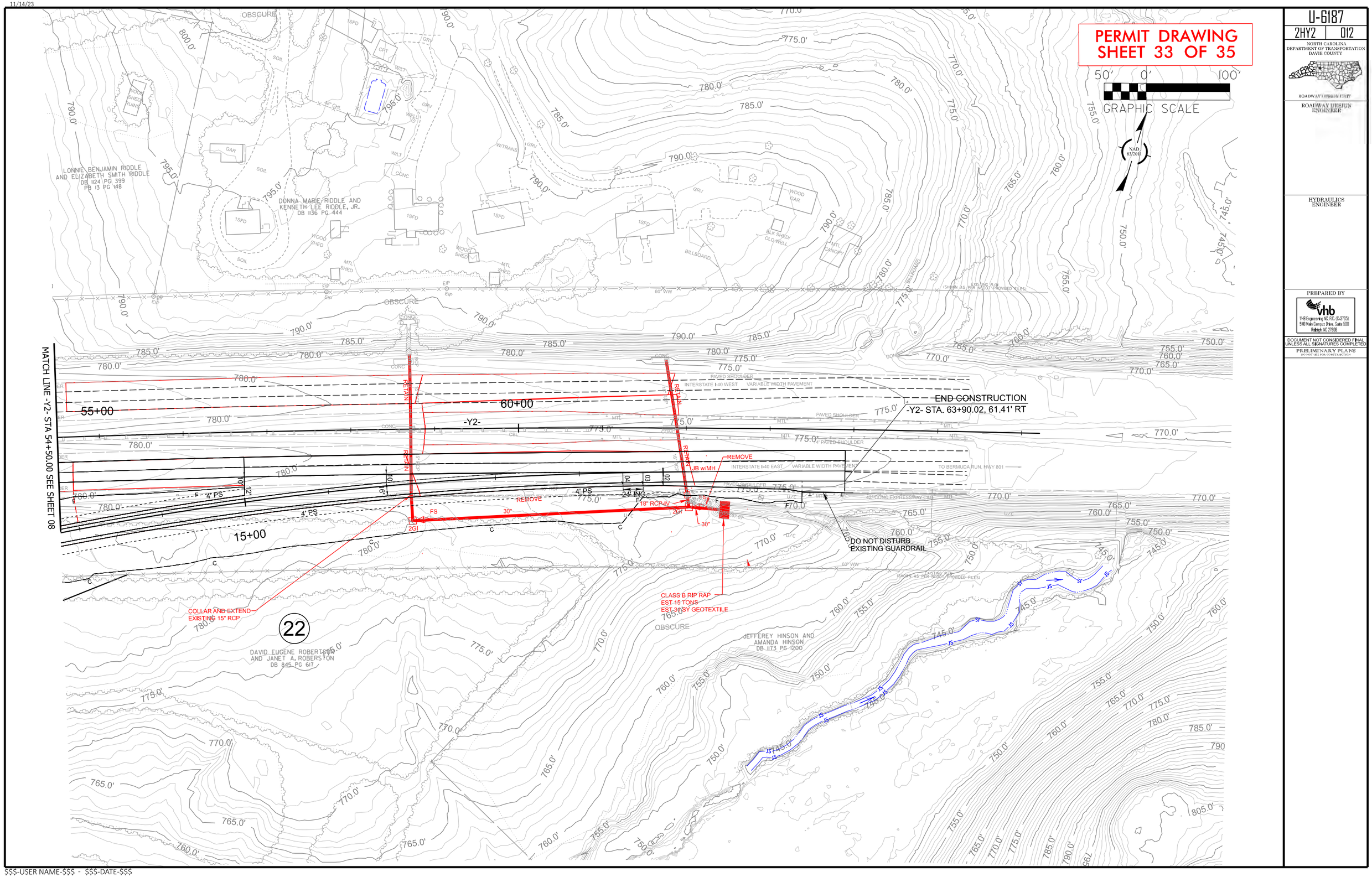

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WETLAND AND SURACE WATER IMPACTS SUMMARY

			WETLAND IMPACTS					SURFACE WATER IMPACTS				
Site No.	Station (From/To)	Structure Size / Type	Permanent Fill In Wetlands (ac)	Temp. Fill In Wetlands (ac)	Excavation in Wetlands (ac)	Mechanized Clearing in Wetlands (ac)	Hand Clearing in Wetlands (ac)	Permanent SW impacts (ac)	Temp. SW impacts (ac)	Existing Channel Impacts Permanent (ft)	Existing Channel Impacts Temp. (ft)	Natural Stream Design (ft)
1	21+29 to 22+20 L LT	Hand Clearing					0.02					
		Roadway Fill	0.09									
2A	20+98 to 22+15 L LT/RT	Temp Impacts to Surface Water							< 0.01		48	
		Roadway Fill						0.02		211		
2B	12+91 to 12+98 Y4 RT	Roadway Fill/54" RCP-IV						< 0.01		31		
		Temp Impacts to Surface Water							< 0.01		11	
		Utility Temp Impacts to SW							< 0.01		11	
3	13+03 to 13+65 Y4 LT	Mechanized Clearing	< 0.01			0.02						
		Fill	< 0.01									
4	13+11 to 14+44 Y4 LT	Roadway Fill/Lateral Base Ditch						0.01		133		
5	13+26 to 13+97 Y4 RT	Mechanized Clearing				< 0.01						
		Utility Hand Clearing					0.03					
6	34+56 to 34+60 L RT	Mechanized Clearing				< 0.01						
7A	28+60 to 29+20 Y2 LT	Channel Stabilization						0.01		76		
		Temp Impacts to Surface Water							< 0.01		28	
SHEET TOTALS*:			0.10			0.03	0.04	0.05	0.01	451	98	0

*Rounded totals are sum of actual impacts

NOTES:

NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
7/30/2024
DAVIE
U-6187

WETLAND AND SURACE WATER IMPACTS SUMMARY

			WETLAND IMPACTS					SURFACE WATER IMPACTS				
Site No.	Station (From/To)	Structure Size / Type	Permanent Fill In Wetlands (ac)	Temp. Fill In Wetlands (ac)	Excavation in Wetlands (ac)	Mechanized Clearing in Wetlands (ac)	Hand Clearing in Wetlands (ac)	Permanent SW impacts (ac)	Temp. SW impacts (ac)	Existing Channel Impacts Permanent (ft)	Existing Channel Impacts Temp. (ft)	Natural Stream Design (ft)
7B	31+43 to 32+64 Y2 RT	Culvert Extension & Proposed Channel Work						0.01		51		
		Bank Stabilization						< 0.01		64		
		Temp Impacts to Surface Water							< 0.01		19	
7C	65+66 to 66+68 L RT/LT	Roadway Fill/Bank Stabilization						0.10		505		
		Temp Impacts to Surface Water							0.01		56	
8	28+74 to 29+84 Y2 LT	Roadway Fill	< 0.01									
		Mechanized Clearing/Base Ditch				0.02						
9	22+15 to 25+75 RPC RT	Roadway Fill	0.13									
		Hand Clearing					0.14					
10	65+37 to 66+03 L LT	Construction Access & EC Devices					0.02					
11	21+02 to 21+77 RPD LT	Roadway Fill	0.04									
12A	51+93 to 52+11 Y2 LT	Proposed Channel Work						< 0.01		56		
		Temp Impacts to Surface Water							< 0.01		22	
12B	20+59 to 21+43 RPD RT/LT	Roadway Fill/Standard Base Ditch						0.02		215		
		Temp Impacts to Surface Water							< 0.01		24	
13	30+38 to 30+44 Y1 LT	Temp Impacts to Surface Water							< 0.01		9	
SHEET TOTALS*:			0.18			0.02	0.16	0.15	0.02	891	130	
TOTALS*:			0.28			0.05	0.20	0.20	0.03	1342	228	

*Rounded totals are sum of actual impacts

NOTES:

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DIVISION OF HIGHWAYS
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