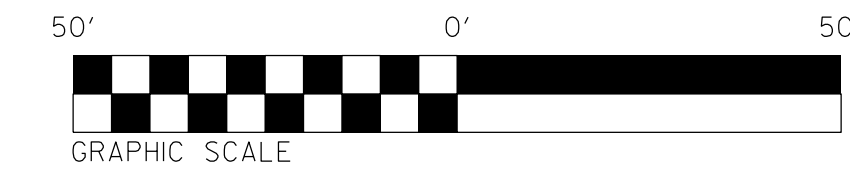
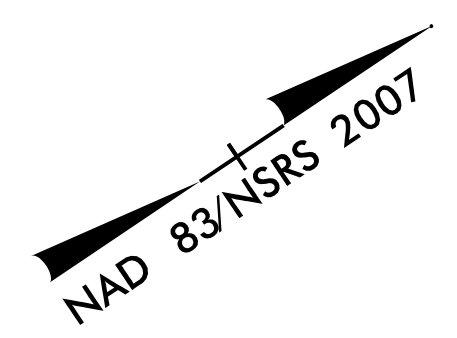


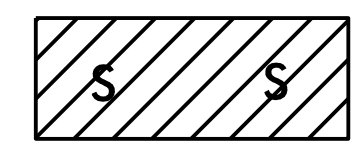
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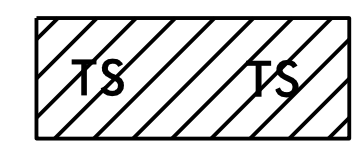
PERMIT DRAWING
SHEET 76 OF 114



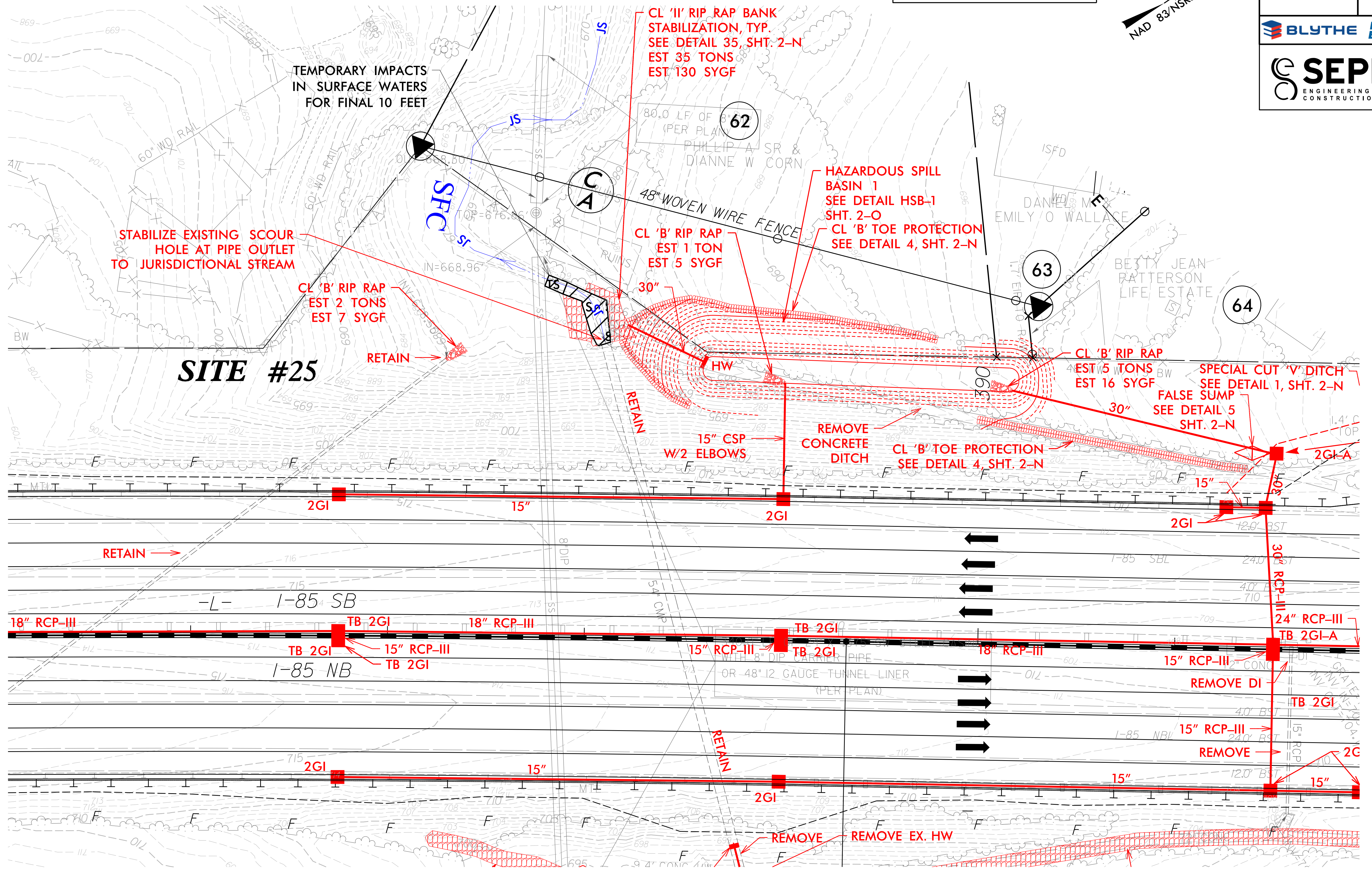
PROJECT REFERENCE NO. I-3802A	SHEET NO. 26A
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	
 SEPI ENGINEERING & CONSTRUCTION 1025 Wade Avenue Raleigh, NC 27605 Tel: 919-789-9977 Fax: 919-789-9591 License: C-2197	



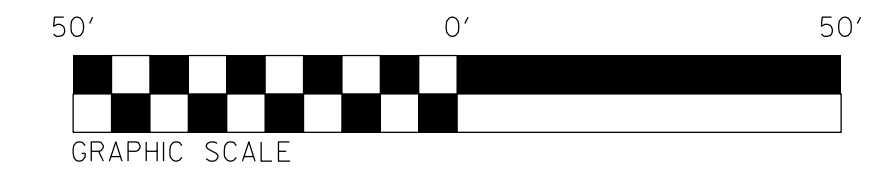
DENOTES IMPACTS IN SURFACE WATER



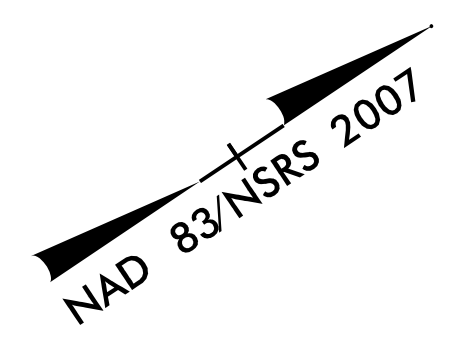
DENOTES TEMPORARY IMPACTS IN SURFACE WATER



8/17/05 1/27/2005 I:\213802A_bud.pr.m.wet_77_psh266B.dgn

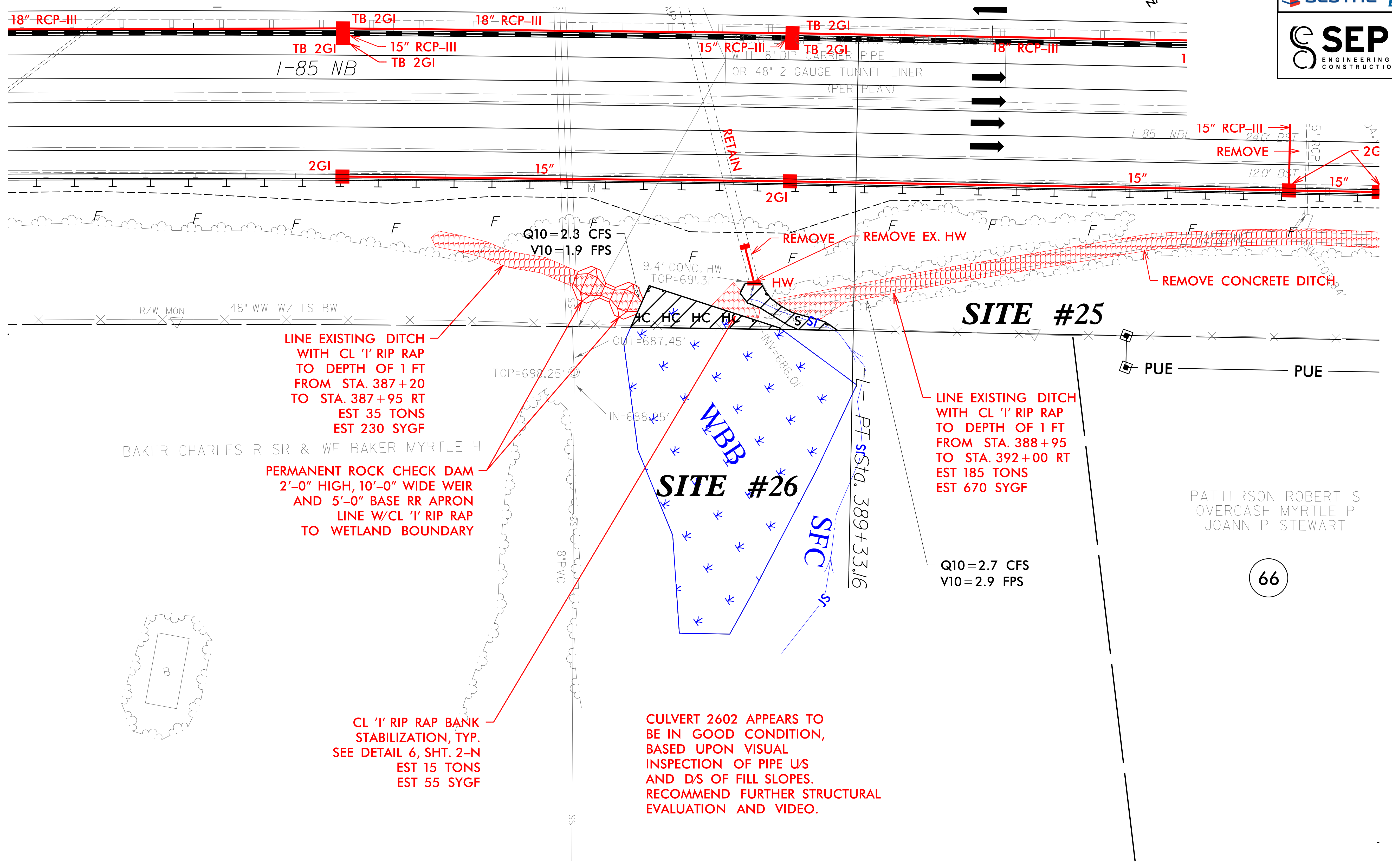


**PERMIT DRAWING
SHEET 77 OF 114**



- DENOTES IMPACTS IN SURFACE WATER
- DENOTES HAND CLEARING
- DENOTES TEMPORARY IMPACTS IN SURFACE WATER

PROJECT REFERENCE NO. I-3802A	SHEET NO. 26B
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	
<small>1025 Wade Avenue Raleigh, NC 27605 Tel: 919-789-9977 Fax: 919-789-9591 License: C-2197</small>	



LINE EXISTING DITCH WITH CL 'I' RIP RAP TO DEPTH OF 1 FT FROM STA. 387+20 TO STA. 387+95 RT EST 35 TONS EST 230 SYGF

PERMANENT ROCK CHECK DAM 2'-0" HIGH, 10'-0" WIDE WEIR AND 5'-0" BASE RR APRON LINE W/CL 'I' RIP RAP TO WETLAND BOUNDARY

CL 'I' RIP RAP BANK STABILIZATION, TYP. SEE DETAIL 6, SHT. 2-N EST 15 TONS EST 55 SYGF

CULVERT 2602 APPEARS TO BE IN GOOD CONDITION, BASED UPON VISUAL INSPECTION OF PIPE US AND DS OF FILL SLOPES. RECOMMEND FURTHER STRUCTURAL EVALUATION AND VIDEO.

LINE EXISTING DITCH WITH CL 'I' RIP RAP TO DEPTH OF 1 FT FROM STA. 388+95 TO STA. 392+00 RT EST 185 TONS EST 670 SYGF

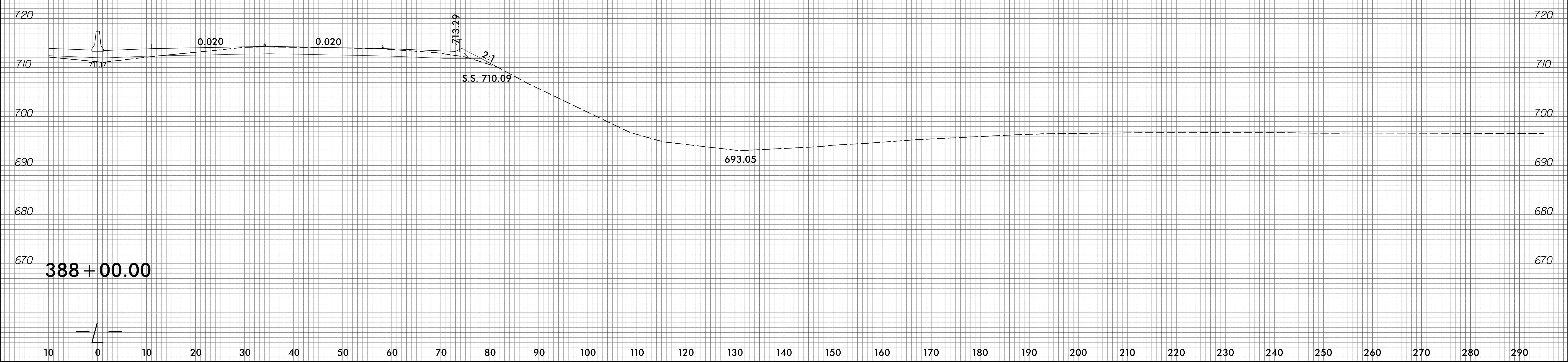
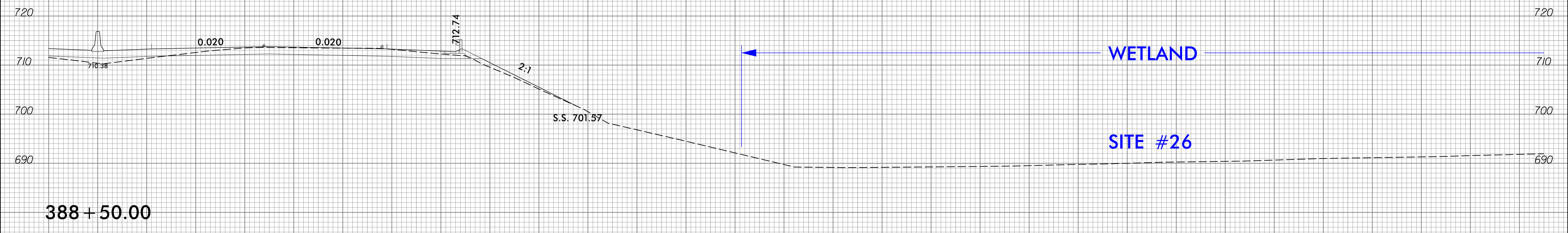
PATTERSON ROBERT S
OVERCASH MYRTLE P
JOANN P STEWART

66

8/23/99

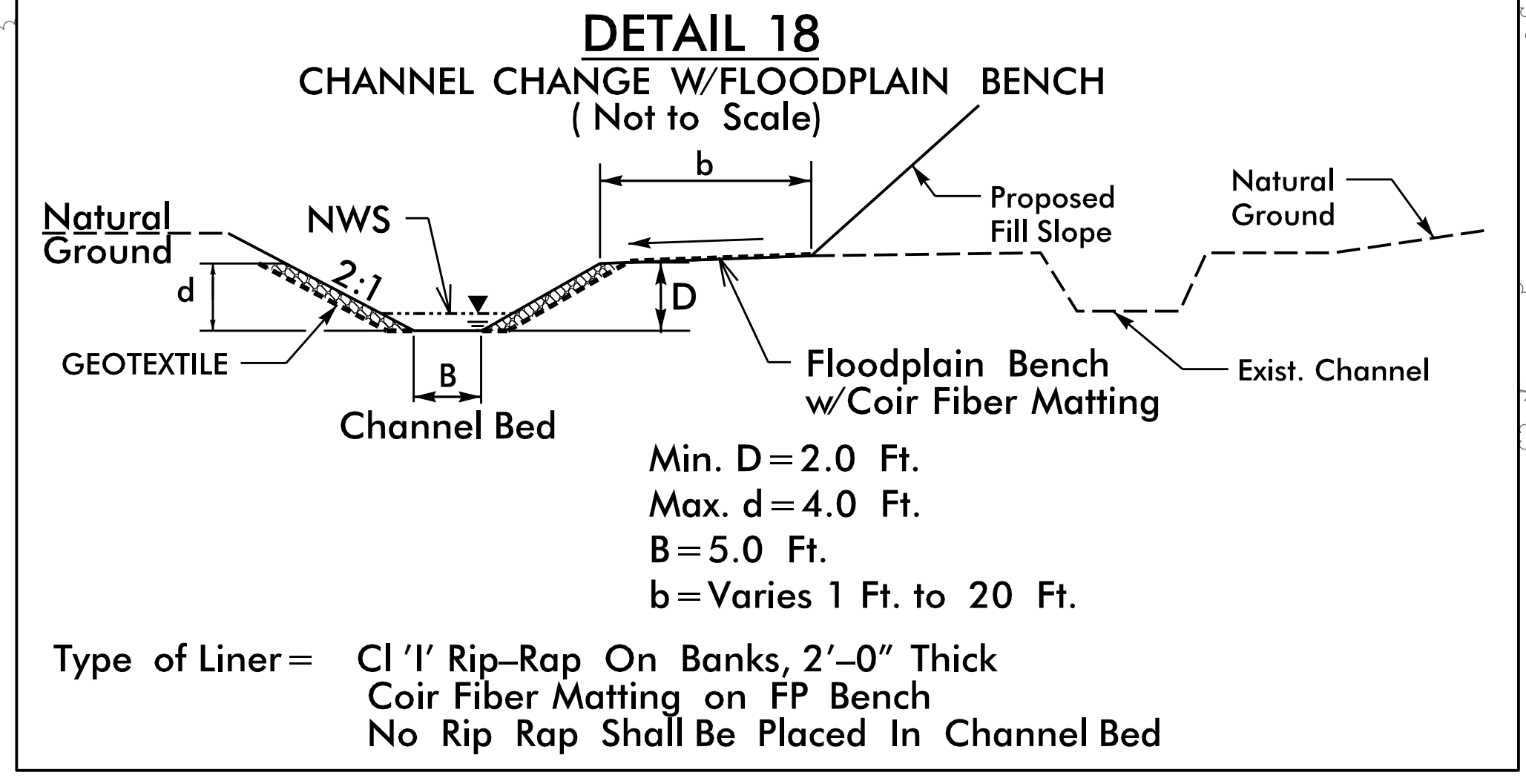
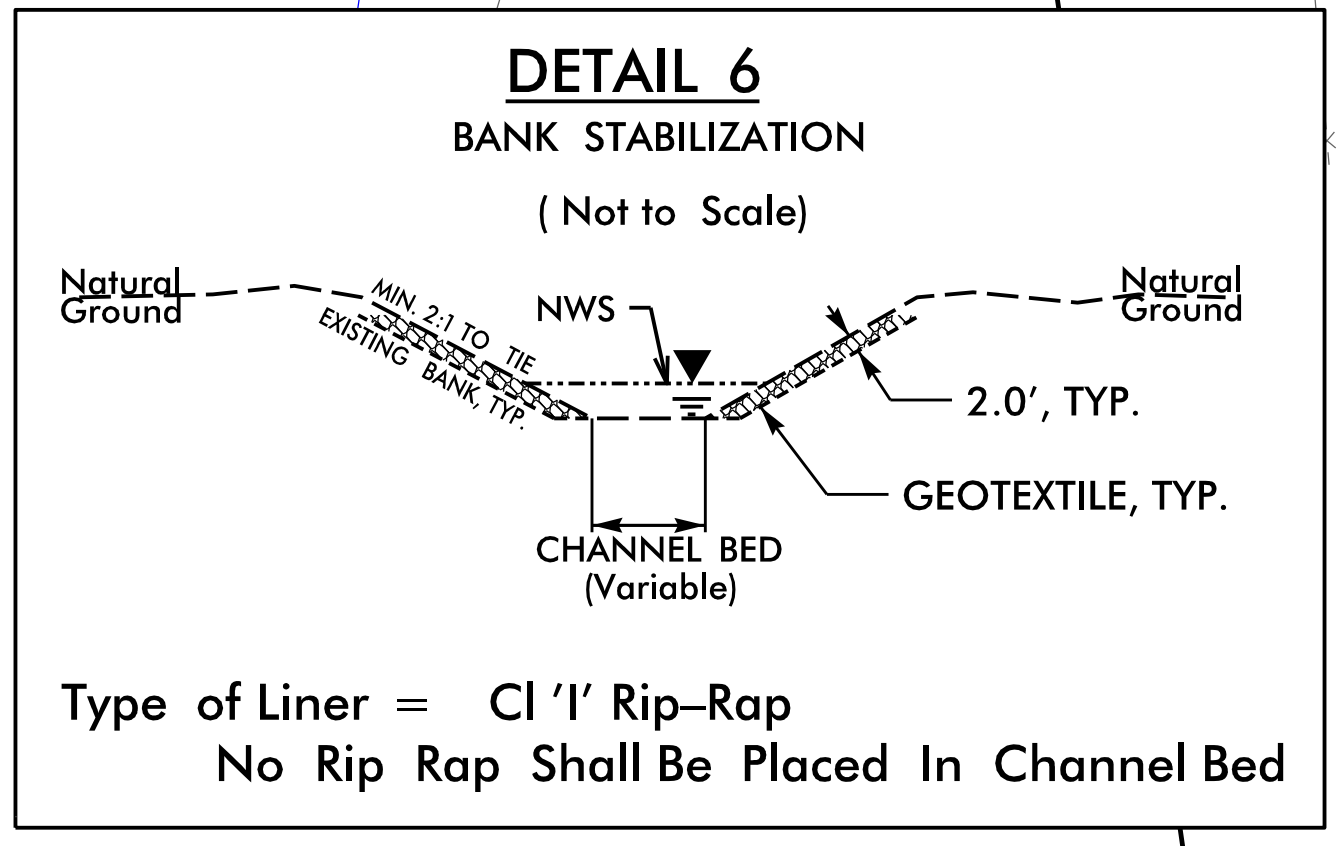
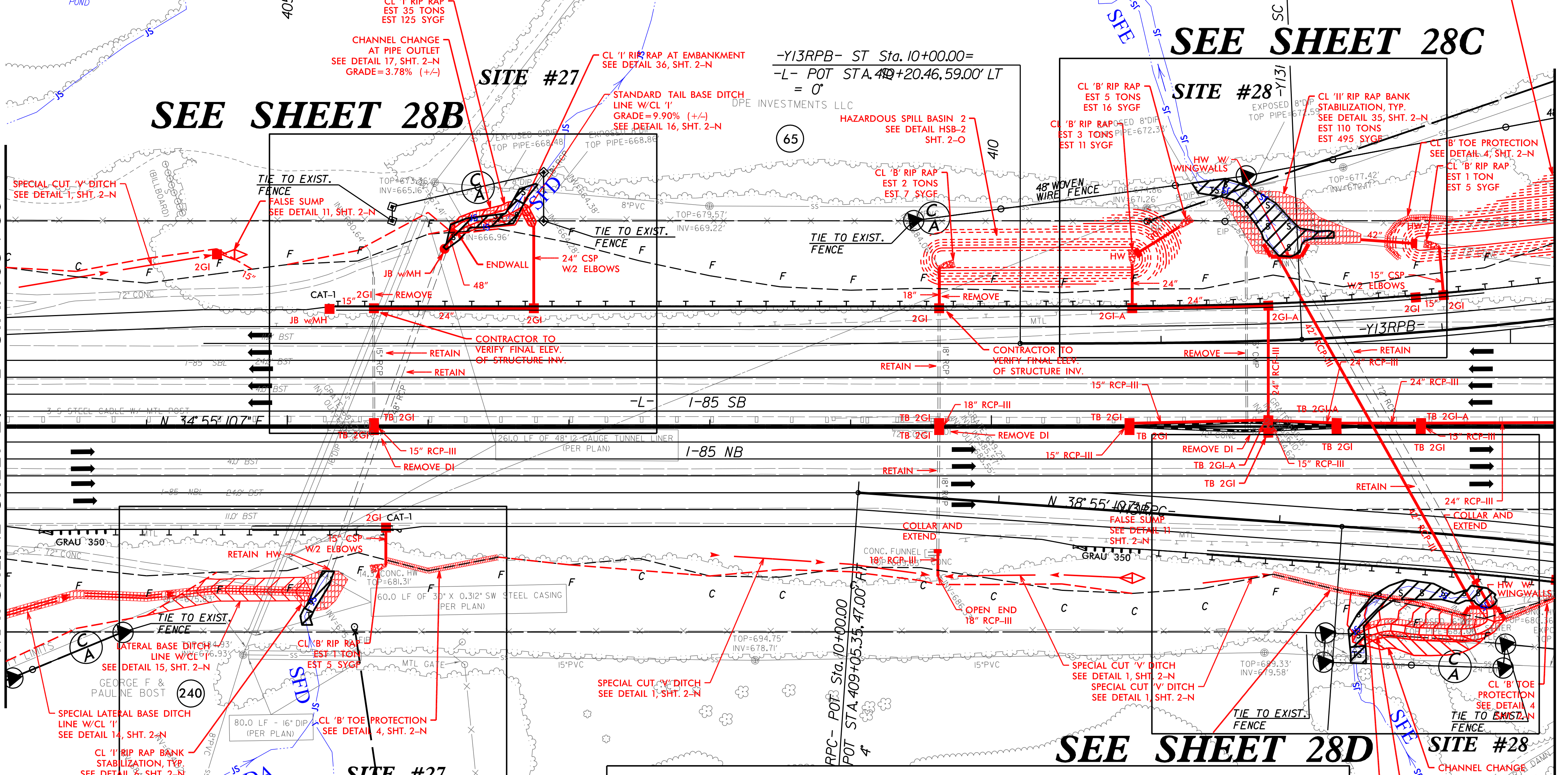
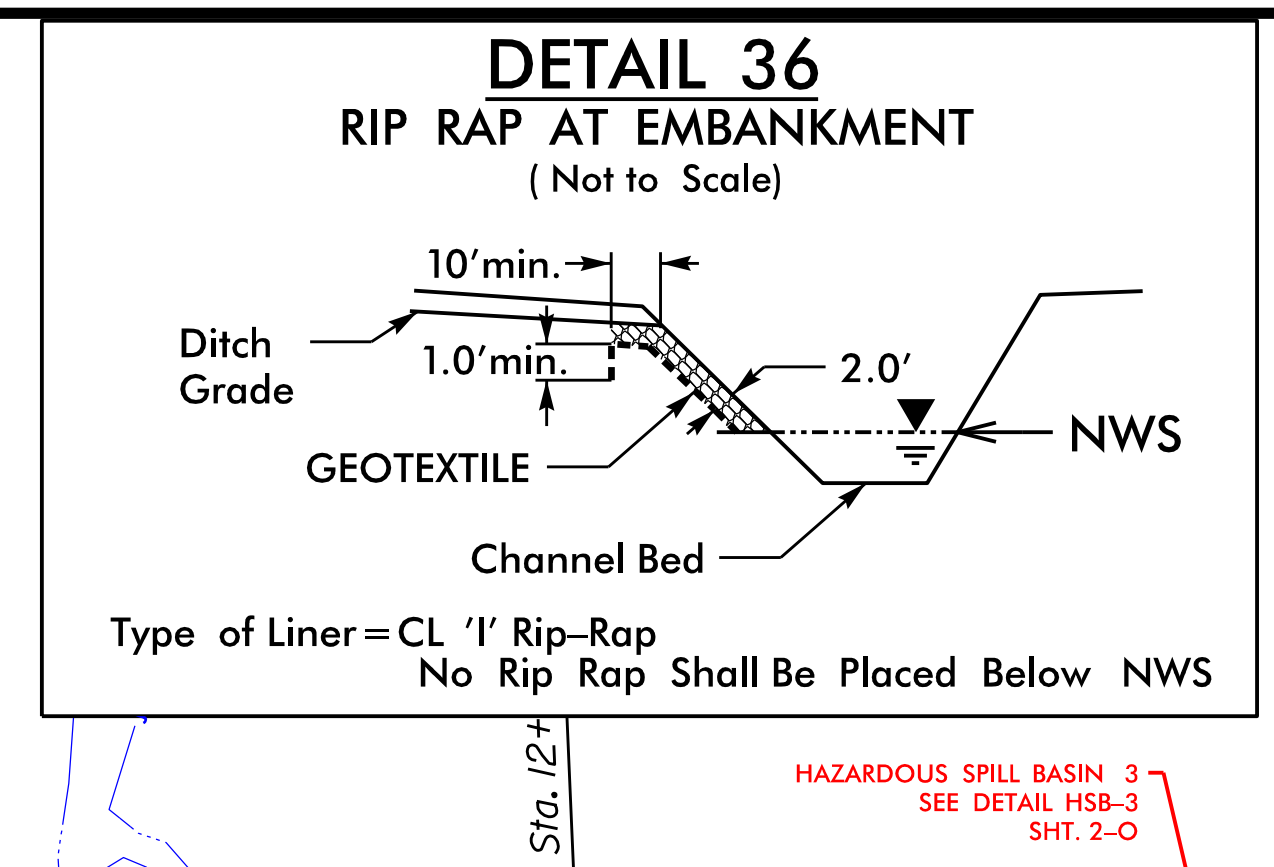
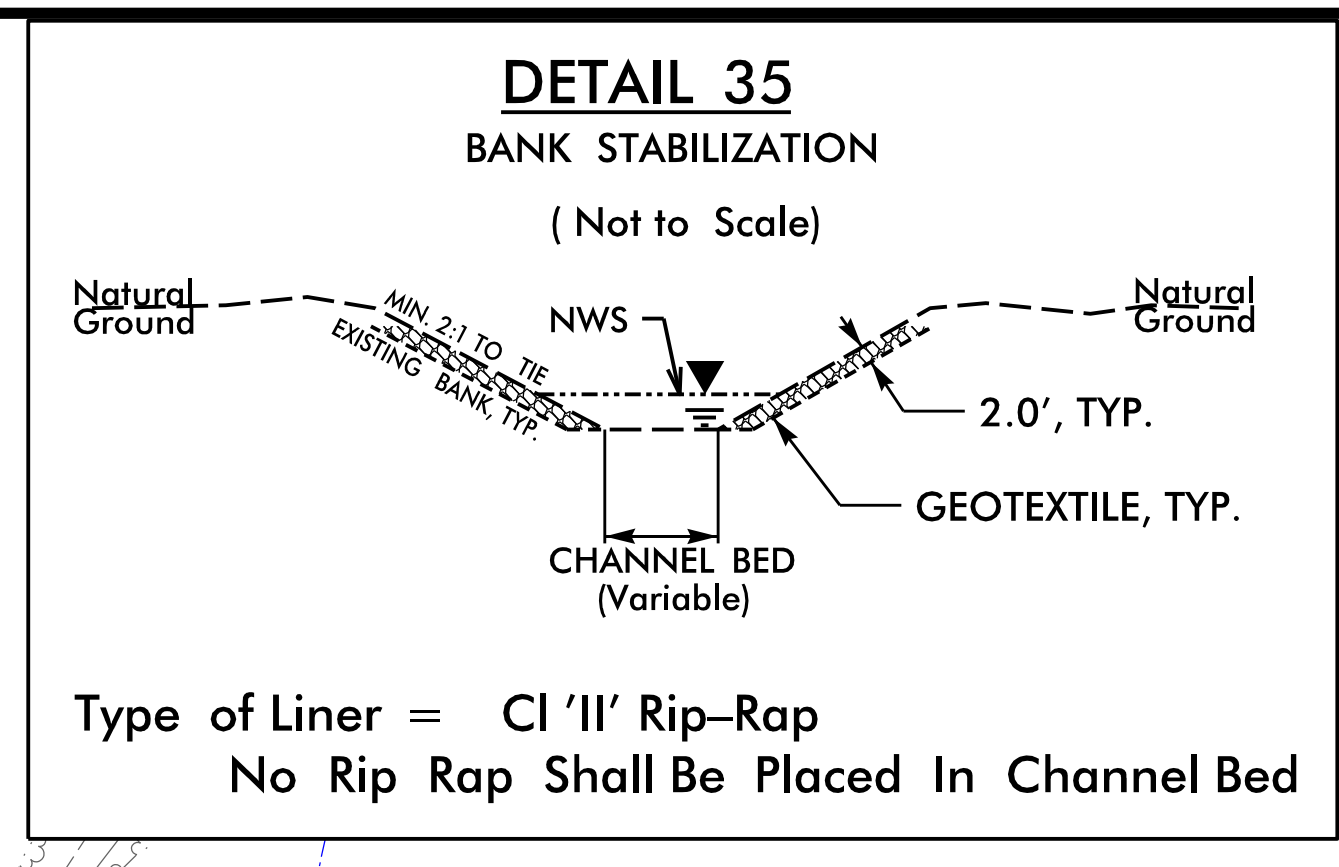
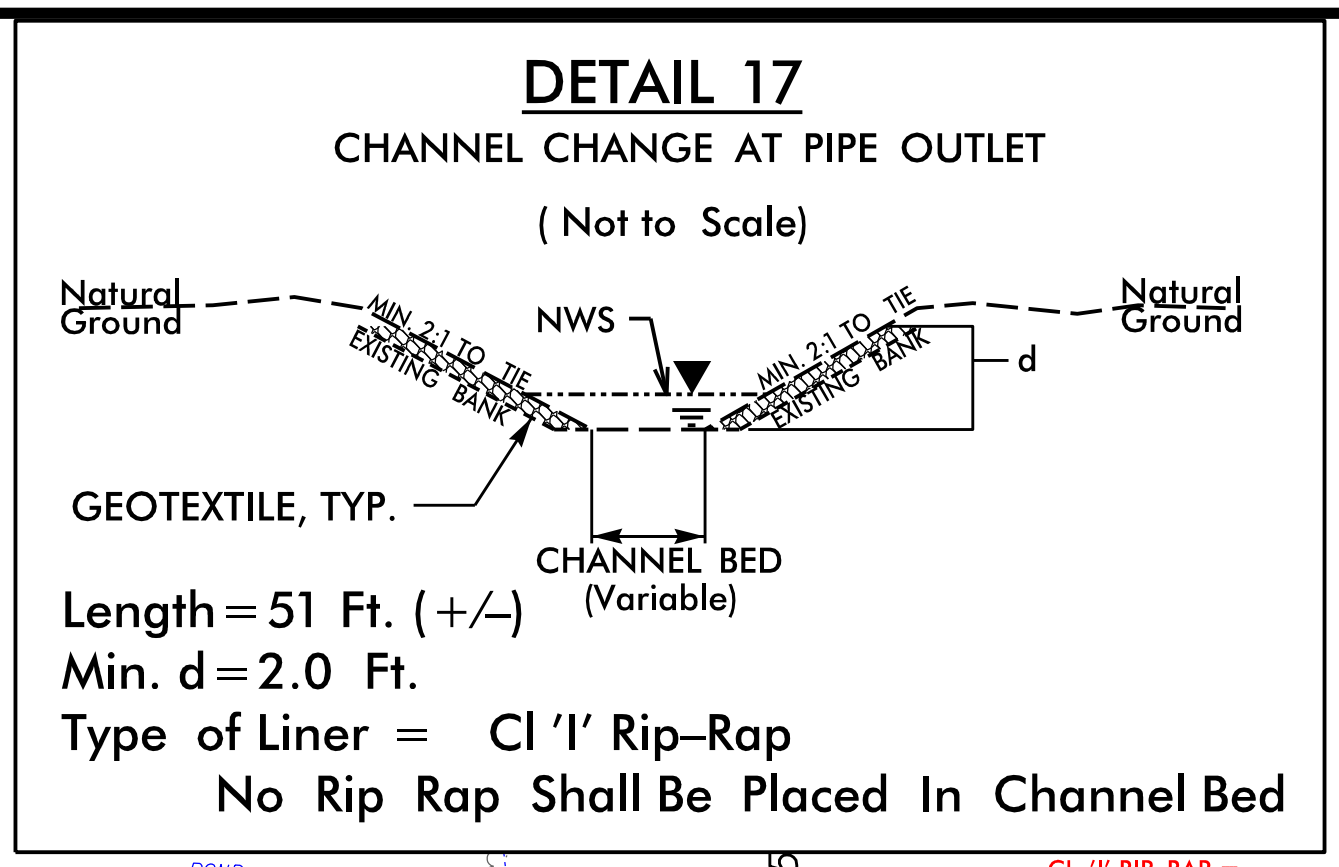
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PERMIT DRAWING
SHEET 79 OF 114

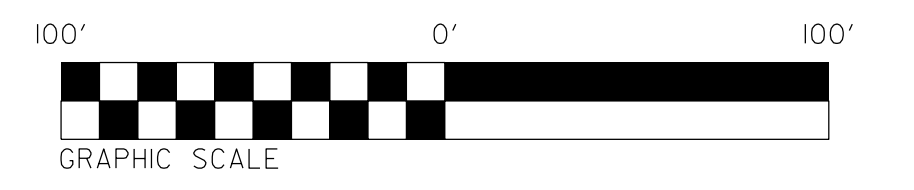
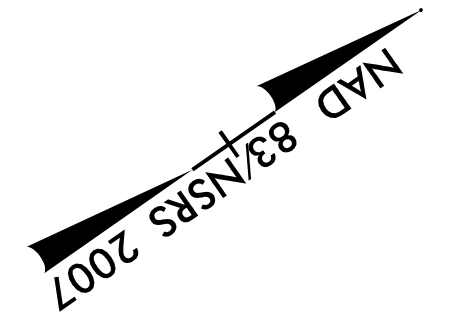


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8/17/99
1/28/2015 11:28:02A hwd.prm.wet_80_psh28.dgn



PROJECT REFERENCE NO. I-3802A	SHEET NO. 28
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	



PERMIT DRAWING
SHEET 80 OF 114

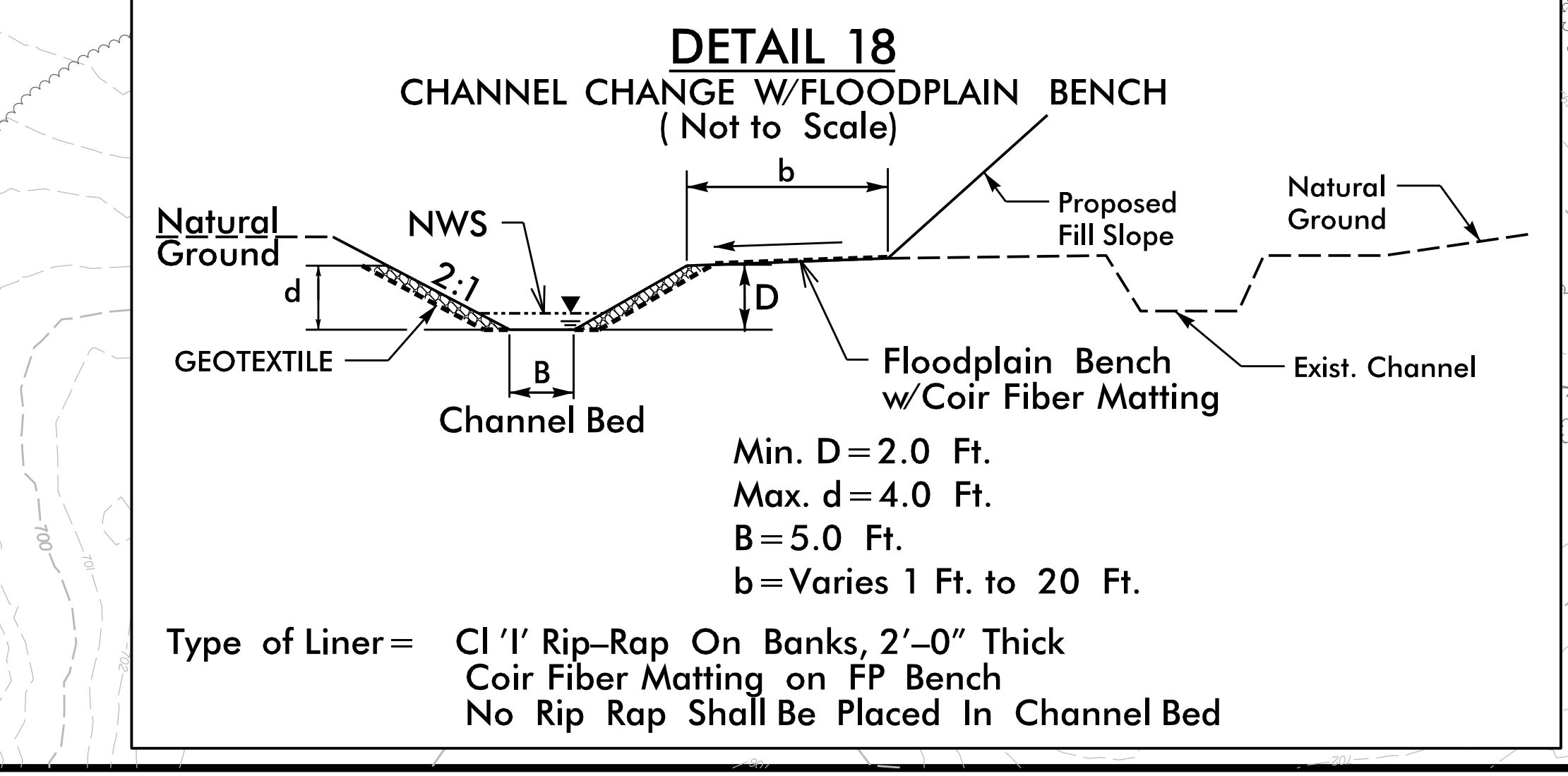
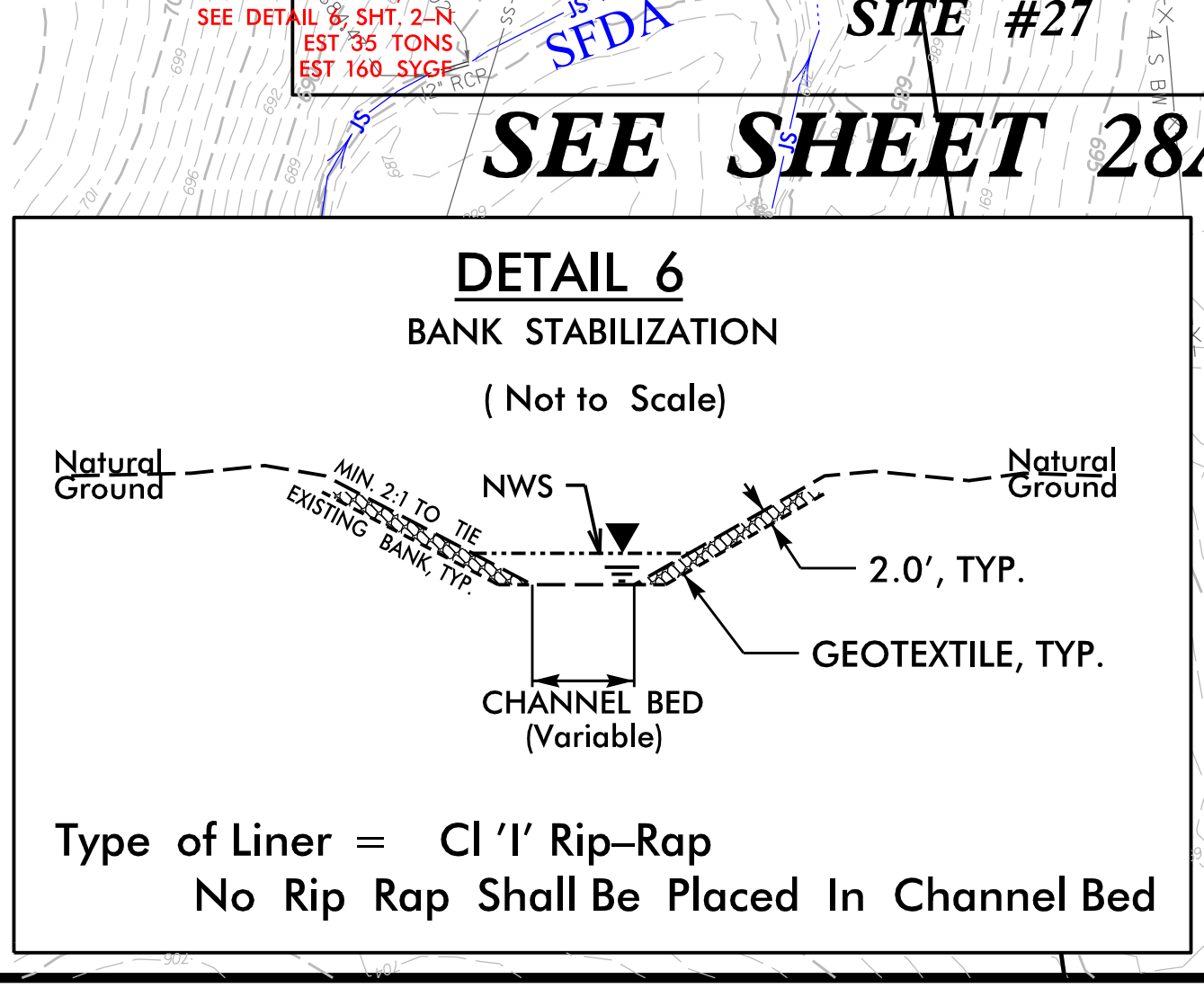
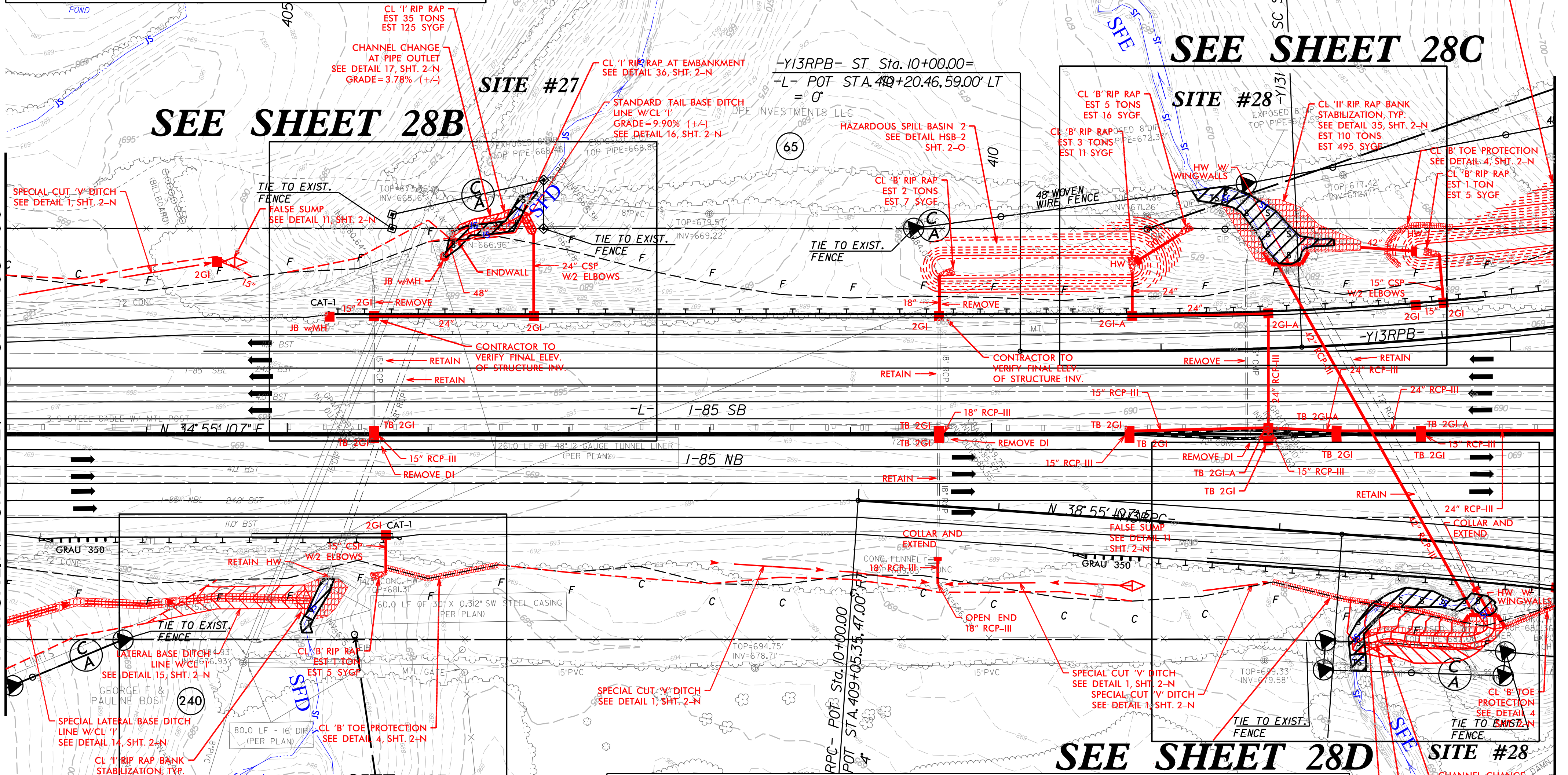
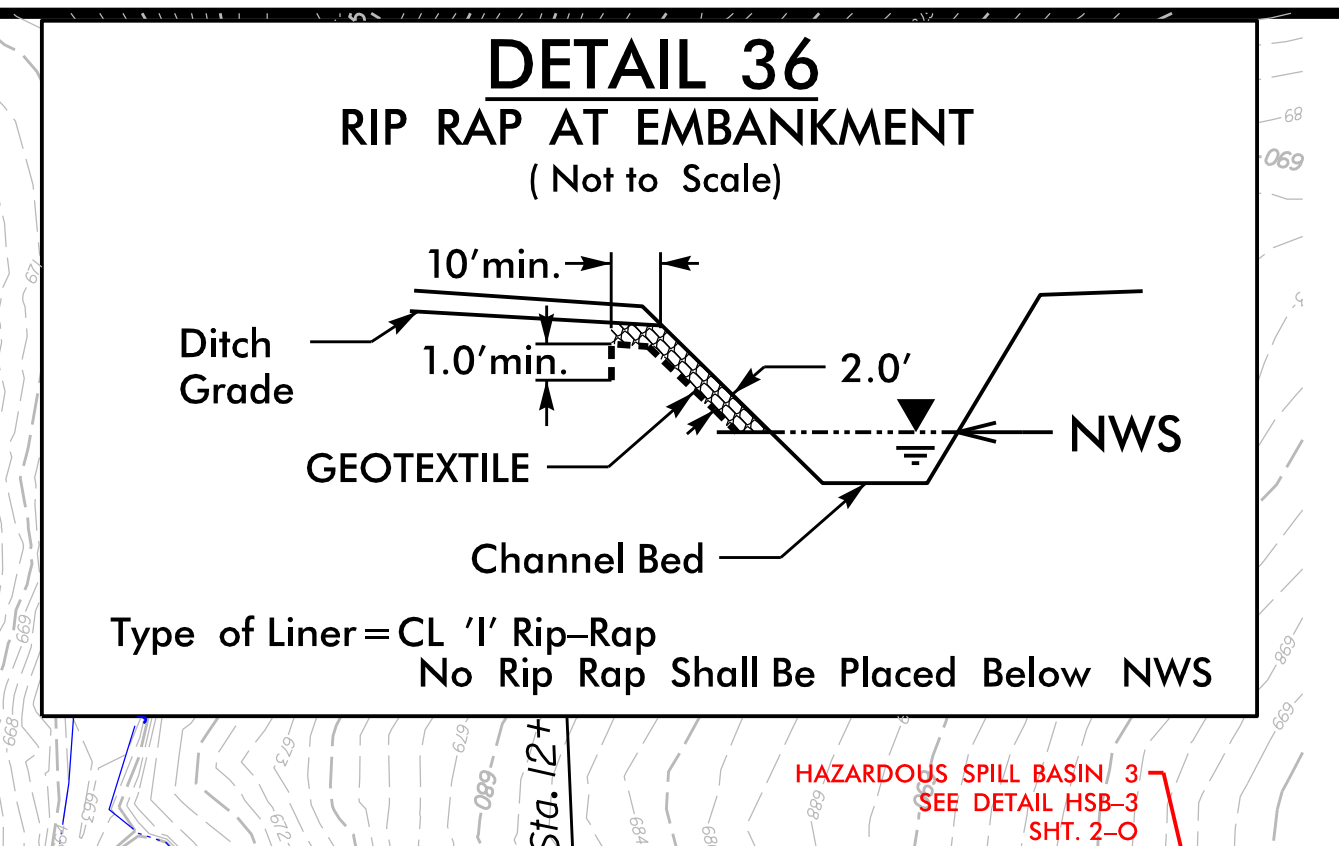
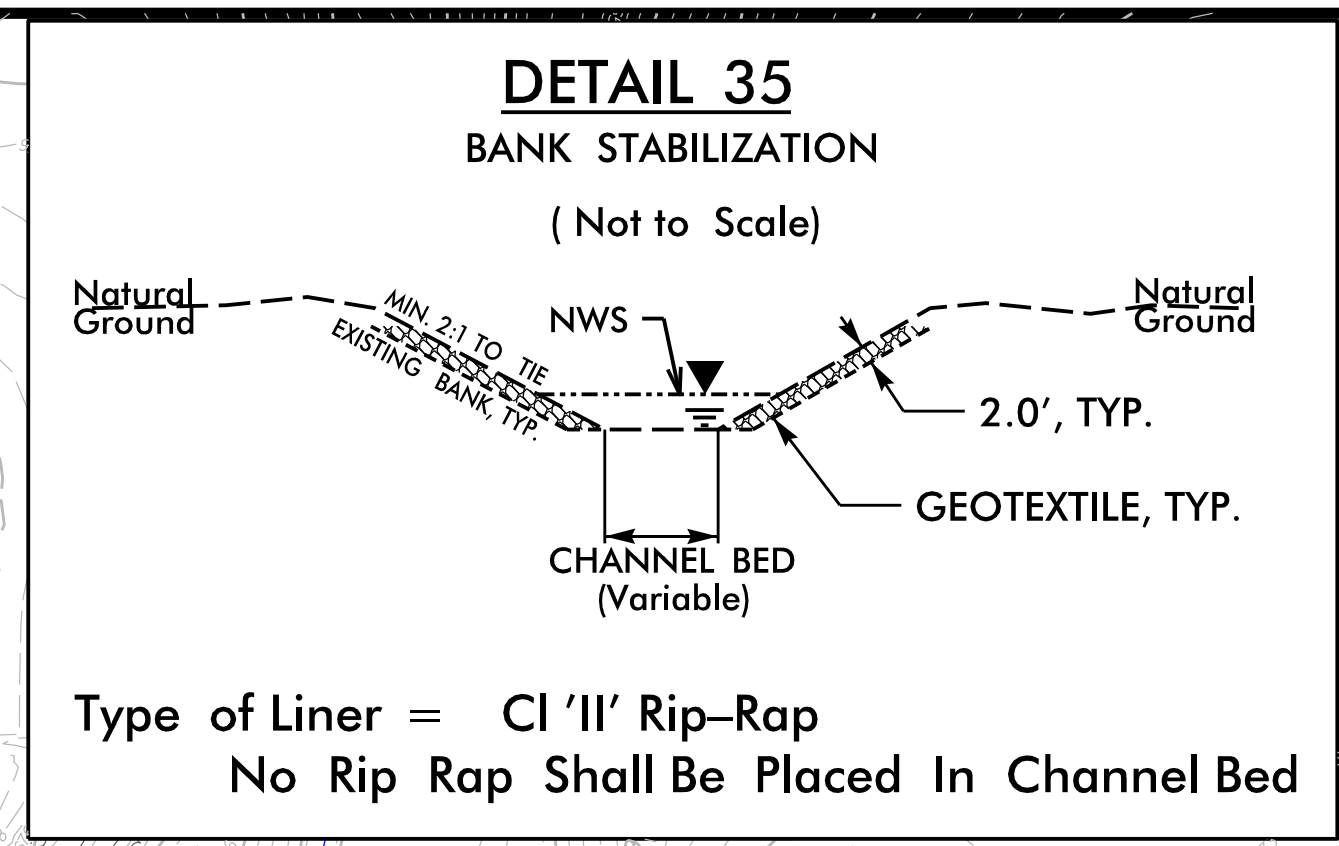
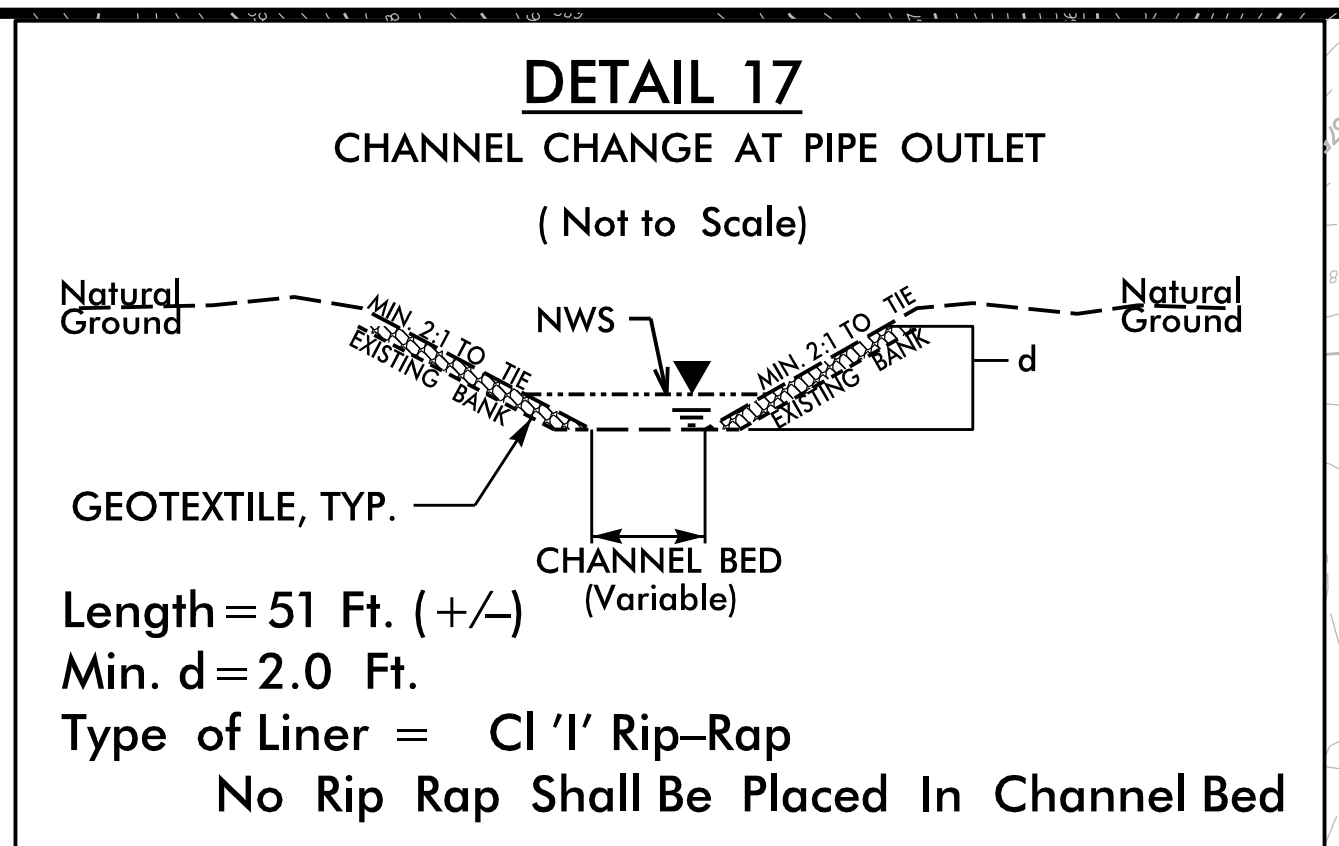
DENOTES IMPACTS IN SURFACE WATER

DENOTES TEMPORARY IMPACTS IN SURFACE WATER

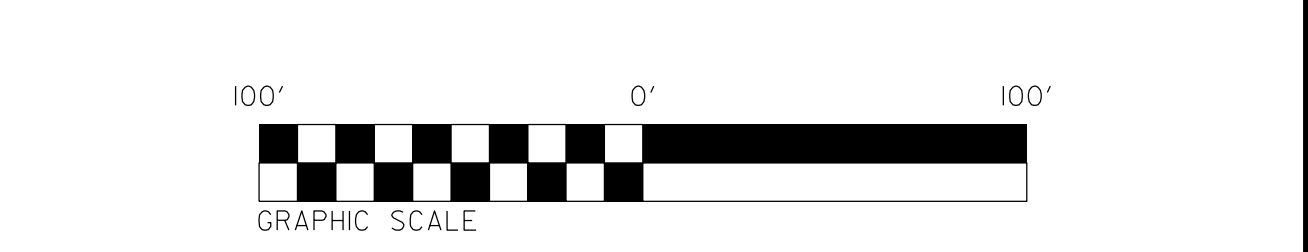
NOTES:
1. EXISTING PIPE MAY BE RETAINED FOR TEMPORARY DRAINAGE DURING CONSTRUCTION. ONCE PROPOSED DRAINAGE SYSTEM IS INSTALLED AND FUNCTIONING PIPE IS TO BE REMOVED. THE PORTION OF PIPE REMAINING UNDER NEW PAVEMENT IS TO BE PLUGGED AND THE FILLED WITH FLOWABLE FILL.

SEE SHEETS 73 & 74 FOR -LSB- & -LNB- PROFILES
SEE SHEET 93 FOR -Y13RPB- PROFILE
SEE SHEET 94 FOR -Y13RPC- PROFILE

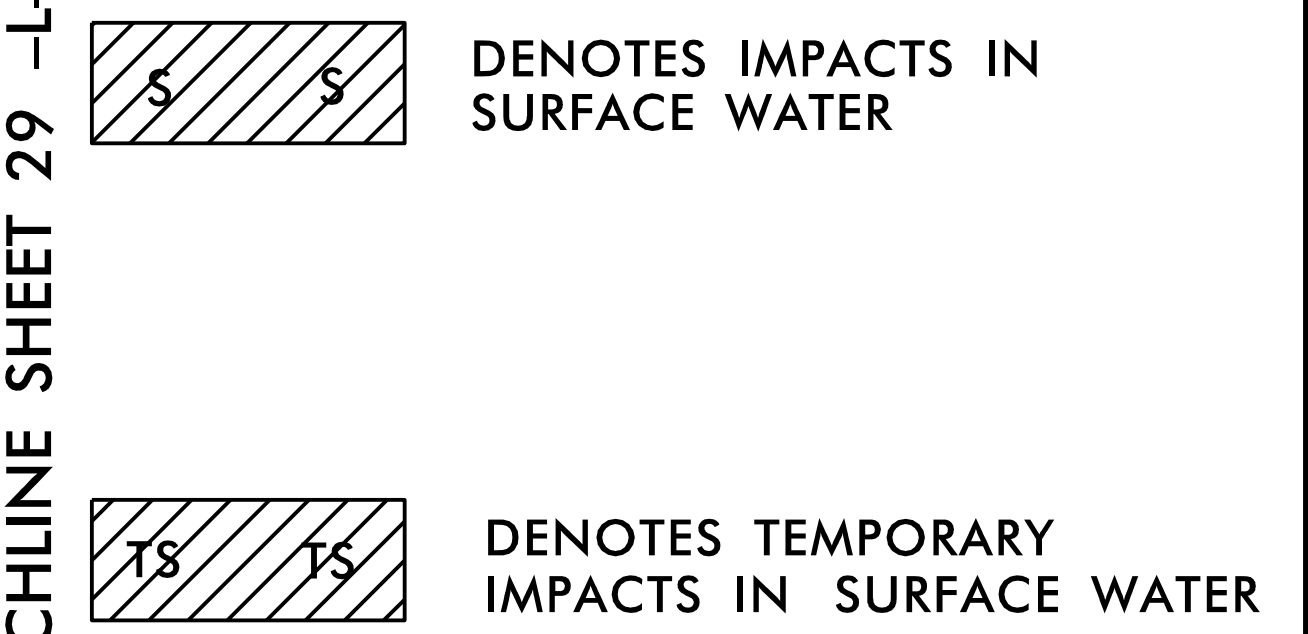
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1/28/2015
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PROJECT REFERENCE NO. I-3802A	SHEET NO. 28
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	





PERMIT DRAWING
SHEET 81 OF 114

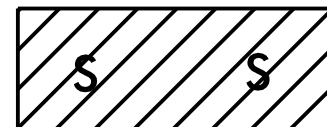



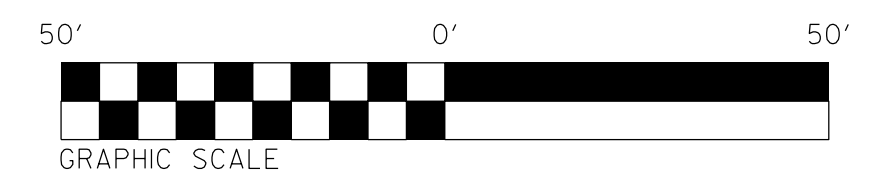
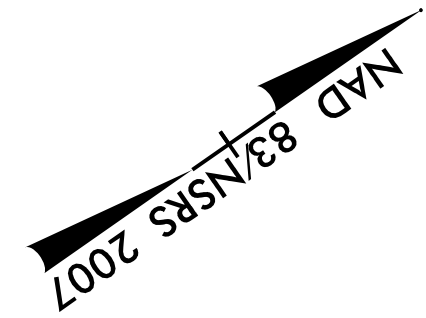
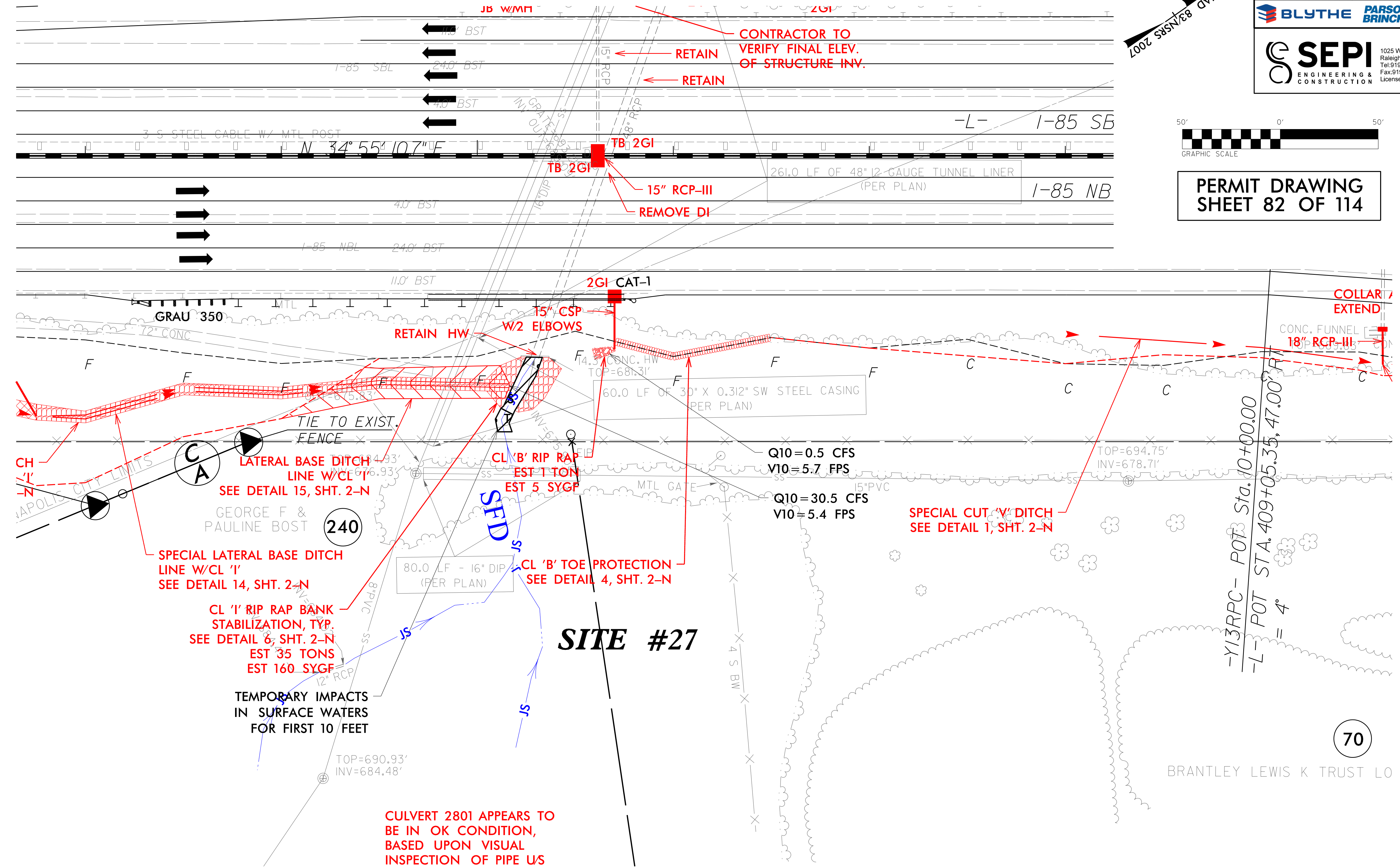
NOTES:
1. EXISTING PIPE MAY BE RETAINED FOR TEMPORARY DRAINAGE DURING CONSTRUCTION. ONCE PROPOSED DRAINAGE SYSTEM IS INSTALLED AND FUNCTIONING PIPE IS TO BE REMOVED. THE PORTION OF PIPE REMAINING UNDER NEW PAVEMENT IS TO BE PLUGGED AND THE FILLED WITH FLOWABLE FILL.

2. CULVERT 2802 APPEARS TO BE IN GOOD CONDITION, BASED UPON VISUAL INSPECTION OF PIPE US AND DS OF FILL SLOPES. RECOMMEND FURTHER STRUCTURAL EVALUATION AND VIDEO.

SEE SHEETS 73 & 74 FOR -LSB- & -LNB- PROFILES
SEE SHEET 93 FOR -Y13RPB- PROFILE
SEE SHEET 94 FOR -Y13RPC- PROFILE

PROJECT REFERENCE NO. I-3802A	SHEET NO. 28A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	
	
	
<small>1025 Wade Avenue Raleigh, NC 27605 Tel: 919-789-9977 Fax: 919-789-9591 License: C-2197</small>	

 DENOTES IMPACTS IN SURFACE WATER
  DENOTES TEMPORARY IMPACTS IN SURFACE WATER



PERMIT DRAWING SHEET 82 OF 114

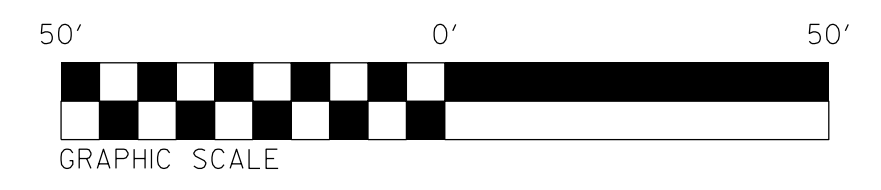
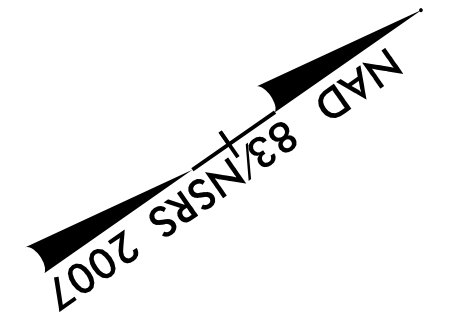
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 1/27/2015
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PROJECT REFERENCE NO. I-3802A	SHEET NO. 28A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

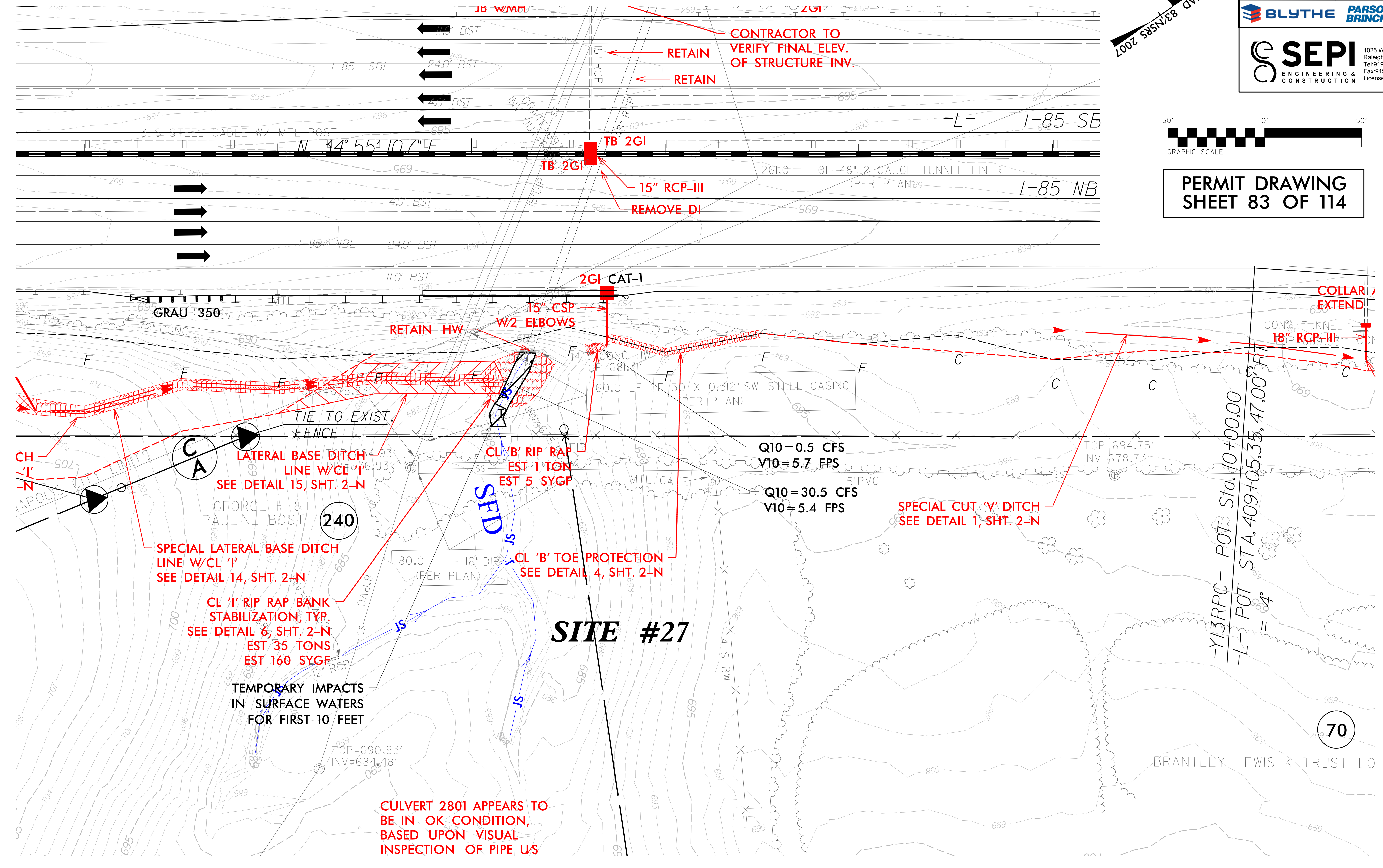
BLYTHE PARSONS BRINCKERHOFF

SEPI
ENGINEERING & CONSTRUCTION
1025 Wade Avenue
Raleigh, NC 27605
Tel: 919-789-9977
Fax: 919-789-9591
License: C-2197

DENOTES IMPACTS IN SURFACE WATER DENOTES TEMPORARY IMPACTS IN SURFACE WATER



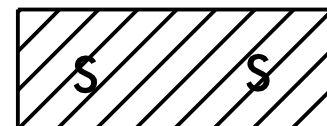

PERMIT DRAWING SHEET 83 OF 114

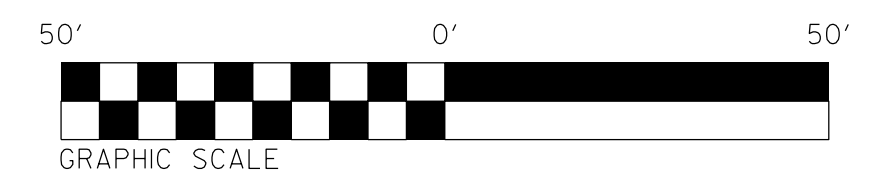
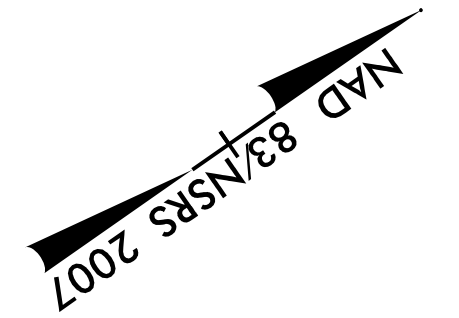


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 1/27/2015
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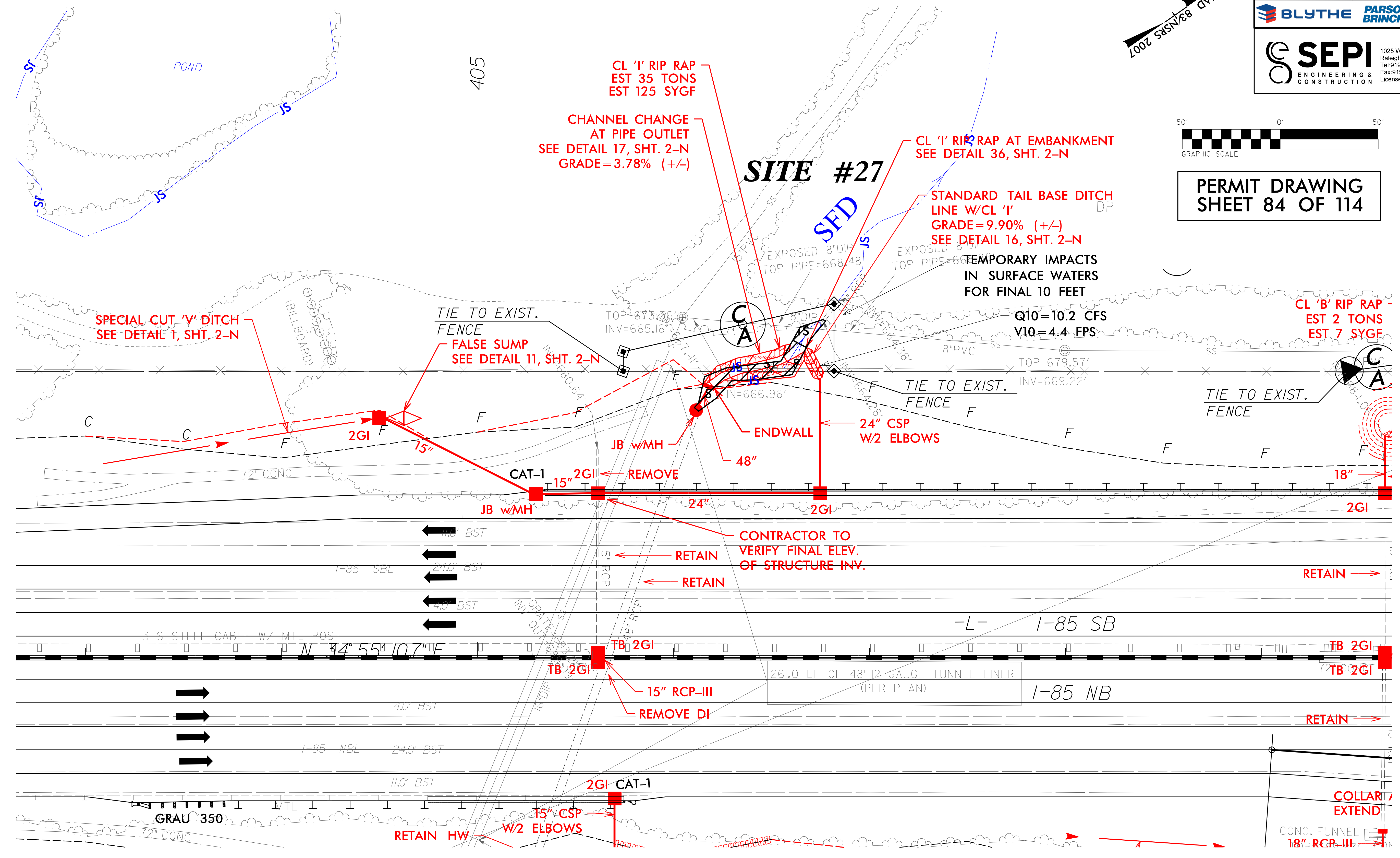
8/17/99
1/27/2005
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PROJECT REFERENCE NO. I-3802A	SHEET NO. 28B
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	
BLYTHE PARSONS BRINCKERHOFF	
SEPI ENGINEERING & CONSTRUCTION	
<small>1025 Wade Avenue Raleigh, NC 27605 Tel: 919-789-9977 Fax: 919-789-9591 License: C-2197</small>	

 DENOTES IMPACTS IN SURFACE WATER
 DENOTES TEMPORARY IMPACTS IN SURFACE WATER



PERMIT DRAWING
SHEET 84 OF 114



CL 'I' RIP RAP
EST 35 TONS
EST 125 SYGF

CHANNEL CHANGE
AT PIPE OUTLET
SEE DETAIL 17, SHT. 2-N
GRADE=3.78% (+/-)

CL 'I' RIP RAP AT EMBANKMENT
SEE DETAIL 36, SHT. 2-N

STANDARD TAIL BASE DITCH
LINE W/CL 'I'
GRADE=9.90% (+/-)
SEE DETAIL 16, SHT. 2-N

TEMPORARY IMPACTS
IN SURFACE WATERS
FOR FINAL 10 FEET

Q10=10.2 CFS
V10=4.4 FPS

CL 'B' RIP RAP -
EST 2 TONS
EST 7 SYGF

SPECIAL CUT 'Y' DITCH
SEE DETAIL 1, SHT. 2-N

TIE TO EXIST.
FENCE
FALSE SUMP
SEE DETAIL 11, SHT. 2-N

TIE TO EXIST.
FENCE

TIE TO EXIST.
FENCE

CONTRACTOR TO
VERIFY FINAL ELEV.
OF STRUCTURE INV.

RETAIN

RETAIN

-L- 1-85 SB



1-85 NB

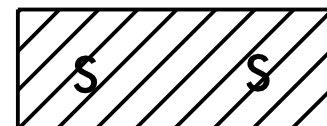

RETAIN

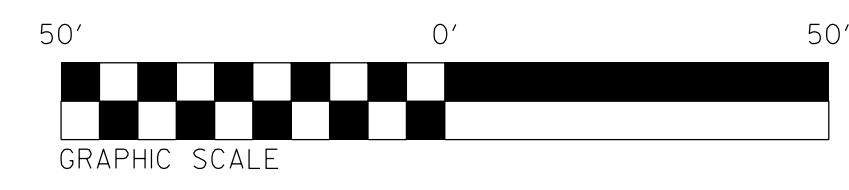
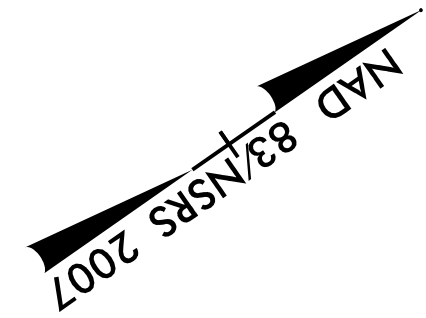
COLLAR
EXTEND

CONC. FUNNEL
18" RCP-III

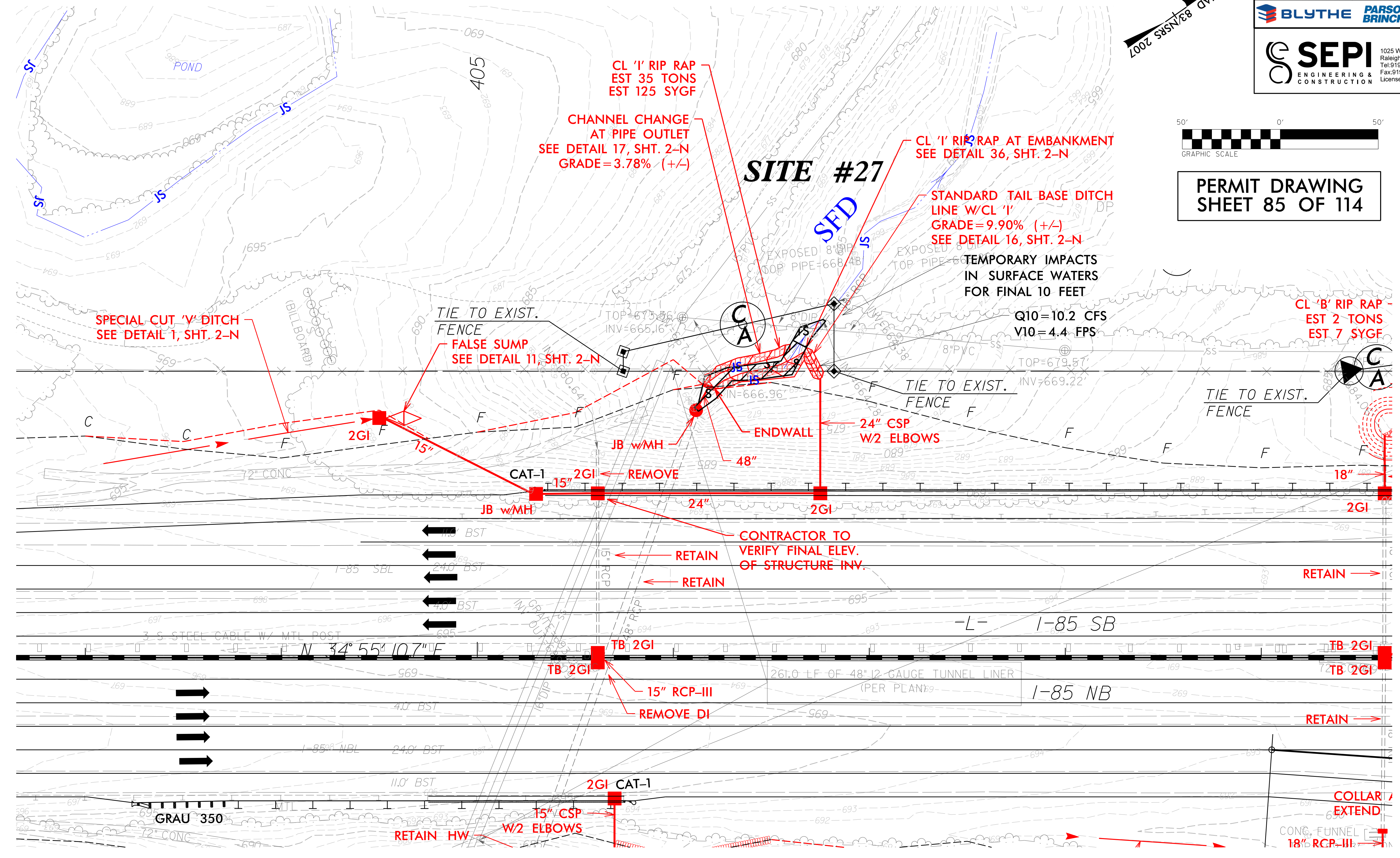
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PROJECT REFERENCE NO. I-3802A	SHEET NO. 28B
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	
	
	

 DENOTES IMPACTS IN SURFACE WATER
 DENOTES TEMPORARY IMPACTS IN SURFACE WATER



PERMIT DRAWING
SHEET 85 OF 114



CL 'I' RIP RAP
EST 35 TONS
EST 125 SYGF

CHANNEL CHANGE
AT PIPE OUTLET
SEE DETAIL 17, SHT. 2-N
GRADE=3.78% (+/-)

CL 'I' RIP RAP AT EMBANKMENT
SEE DETAIL 36, SHT. 2-N

STANDARD TAIL BASE DITCH
LINE W/CL 'I'
GRADE=9.90% (+/-)
SEE DETAIL 16, SHT. 2-N

TEMPORARY IMPACTS
IN SURFACE WATERS
FOR FINAL 10 FEET

Q10=10.2 CFS
V10=4.4 FPS

CL 'B' RIP RAP -
EST 2 TONS
EST 7 SYGF

SPECIAL CUT 'Y' DITCH
SEE DETAIL 1, SHT. 2-N

TIE TO EXIST.
FENCE
FALSE SUMP
SEE DETAIL 11, SHT. 2-N

TIE TO EXIST.
FENCE

TIE TO EXIST.
FENCE

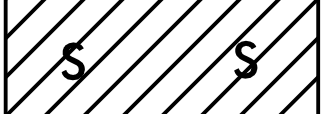
CONTRACTOR TO
VERIFY FINAL ELEV.
OF STRUCTURE INV.

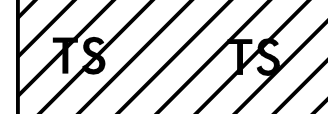
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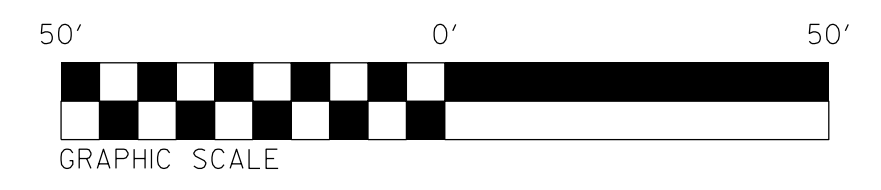
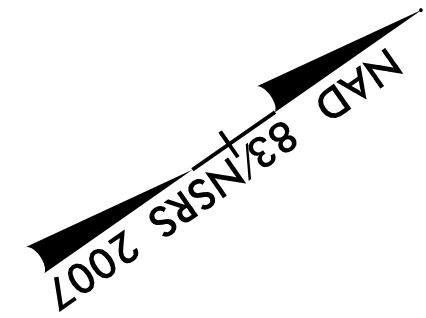
RETAIN →

COLLAR /
EXTEND

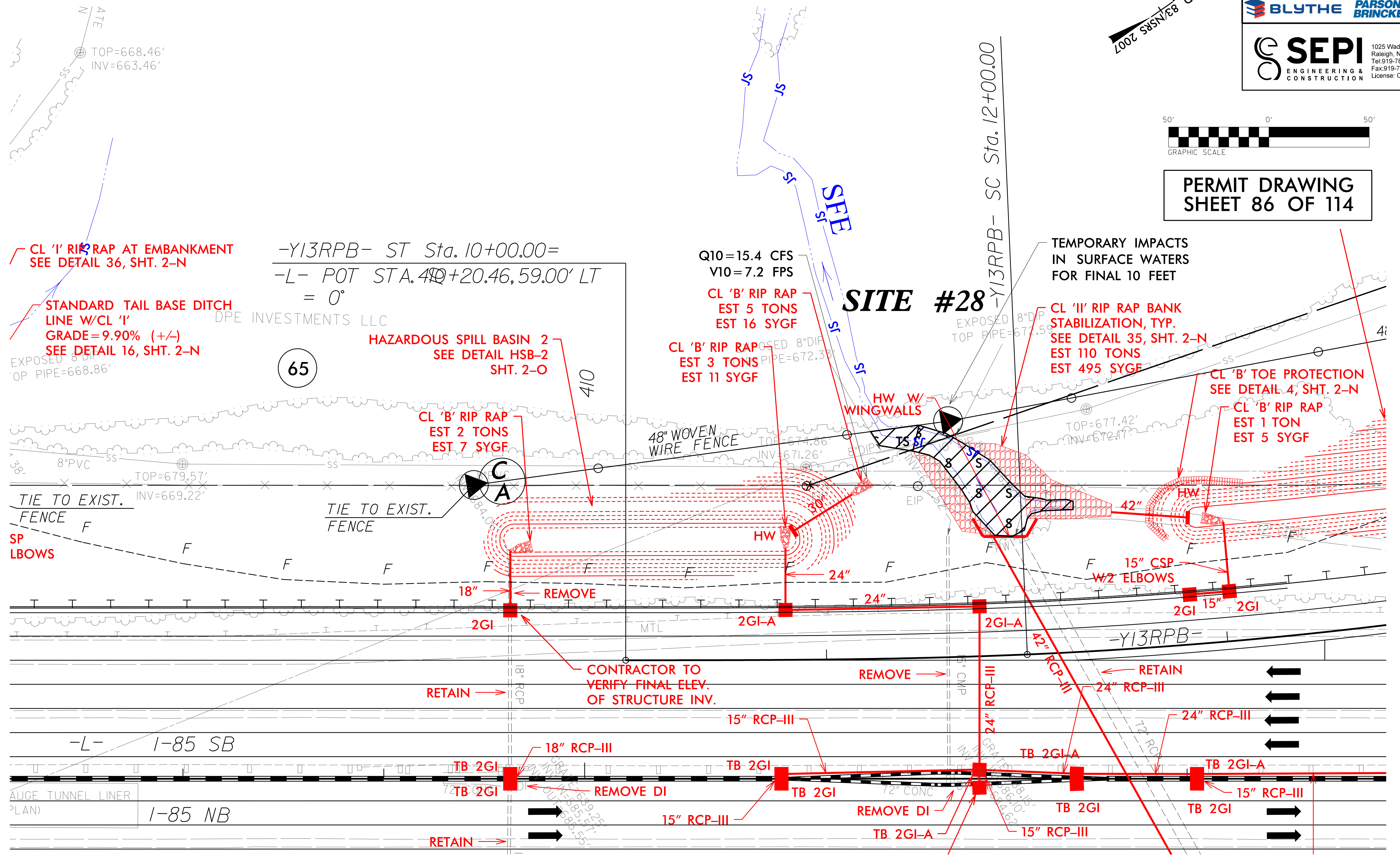
CONC. FUNNEL
18" RCP-III

 DENOTES IMPACTS IN SURFACE WATER

 DENOTES TEMPORARY IMPACTS IN SURFACE WATER



PERMIT DRAWING
SHEET 86 OF 114



CL 'I' RIP RAP AT EMBANKMENT
SEE DETAIL 36, SHT. 2-N

STANDARD TAIL BASE DITCH
LINE W/CL 'I'
GRADE=9.90% (+/-)
SEE DETAIL 16, SHT. 2-N

-Y13RPB- ST Sta. 10+00.00=
-L- POT STA. 40+20.46, 59.00' LT
= 0°

HAZARDOUS SPILL BASIN 2
SEE DETAIL HSB-2
SHT. 2-O

CL 'B' RIP RAP
EST 2 TONS
EST 7 SYGF

CL 'B' RIP RAP
EST 3 TONS
EST 11 SYGF

Q10=15.4 CFS
V10=7.2 FPS

TEMPORARY IMPACTS
IN SURFACE WATERS
FOR FINAL 10 FEET

CL 'II' RIP RAP BANK
STABILIZATION, TYP.
SEE DETAIL 35, SHT. 2-N
EST 110 TONS
EST 495 SYGF

CL 'B' TOE PROTECTION
SEE DETAIL 4, SHT. 2-N
CL 'B' RIP RAP
EST 1 TON
EST 5 SYGF

CONTRACTOR TO
VERIFY FINAL ELEV.
OF STRUCTURE INV.

-L- I-85 SB
AUGE TUNNEL LINER
PLAN)
I-85 NB

8/17/99
1/27/2015
I:\3802A_bud_prm_wet_86_psh28c.dgn

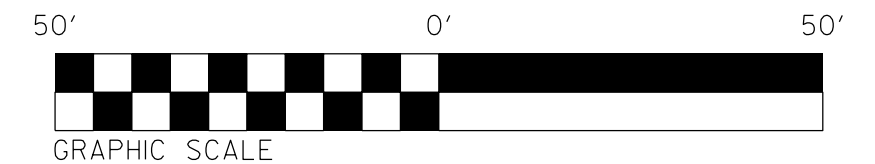
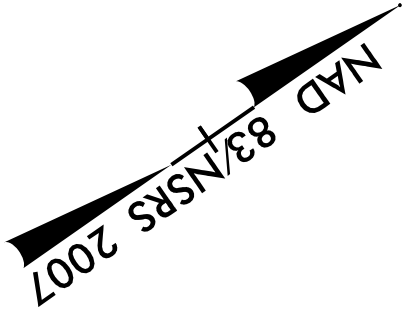
PROJECT REFERENCE NO.	SHEET NO.
I-3802A	28C
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

BLYTHE PARSONS BRINCKERHOFF

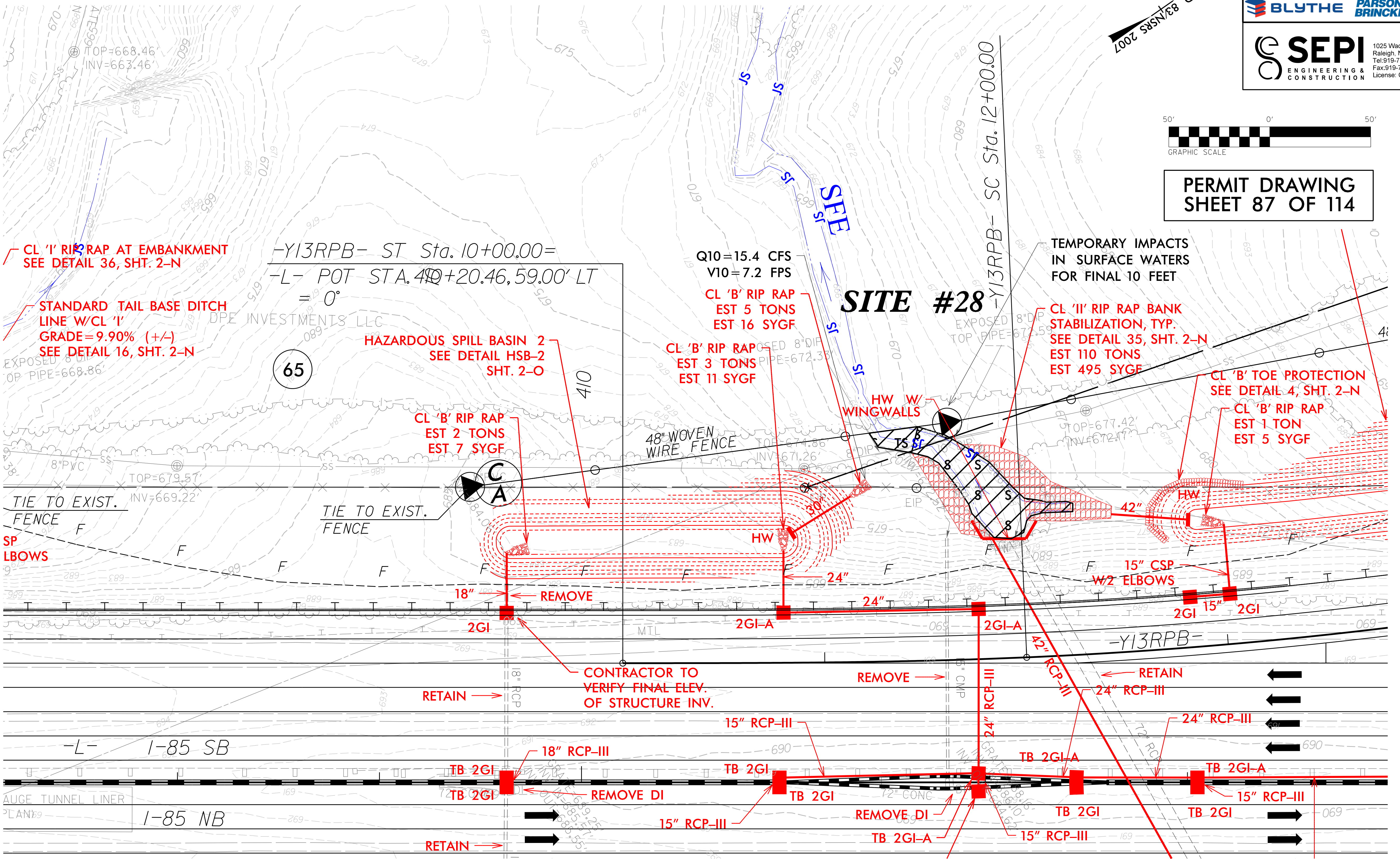
SEPI ENGINEERING & CONSTRUCTION
1025 Wade Avenue
Raleigh, NC 27605
Tel: 919-789-9977
Fax: 919-789-9591
License: C-2197

DENOTES IMPACTS IN SURFACE WATER

DENOTES TEMPORARY IMPACTS IN SURFACE WATER

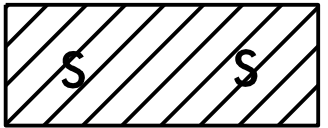
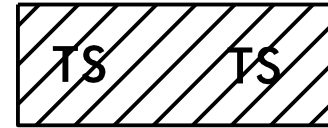


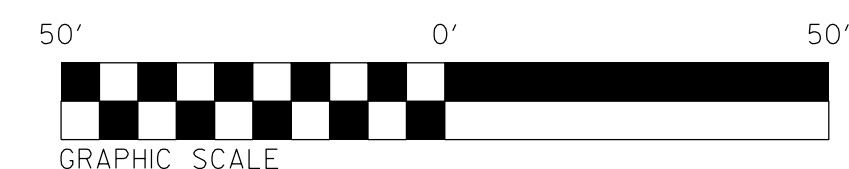
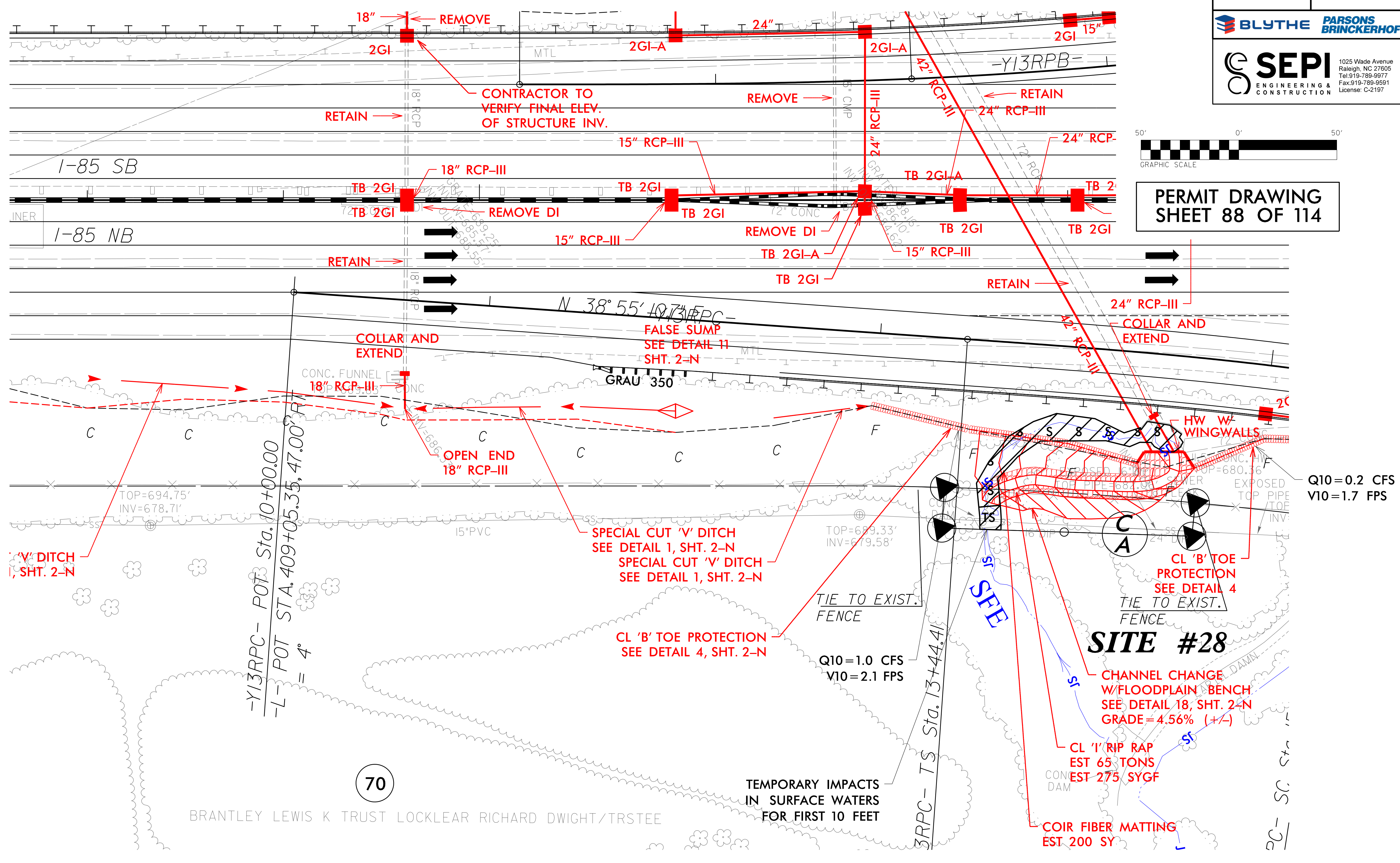
PERMIT DRAWING
SHEET 87 OF 114



8/17/09
1/28/2015 1:38:20 PM I:\2802A_bud_prm_wet_88_psh28D.dgn

PROJECT REFERENCE NO. I-3802A	SHEET NO. 28D
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	
BLYTHE PARSONS BRINCKERHOFF	
SEPI ENGINEERING & CONSTRUCTION 1025 Wade Avenue Raleigh, NC 27605 Tel: 919-789-9977 Fax: 919-789-9591 License: C-2197	

 DENOTES IMPACTS IN SURFACE WATER
 DENOTES TEMPORARY IMPACTS IN SURFACE WATER



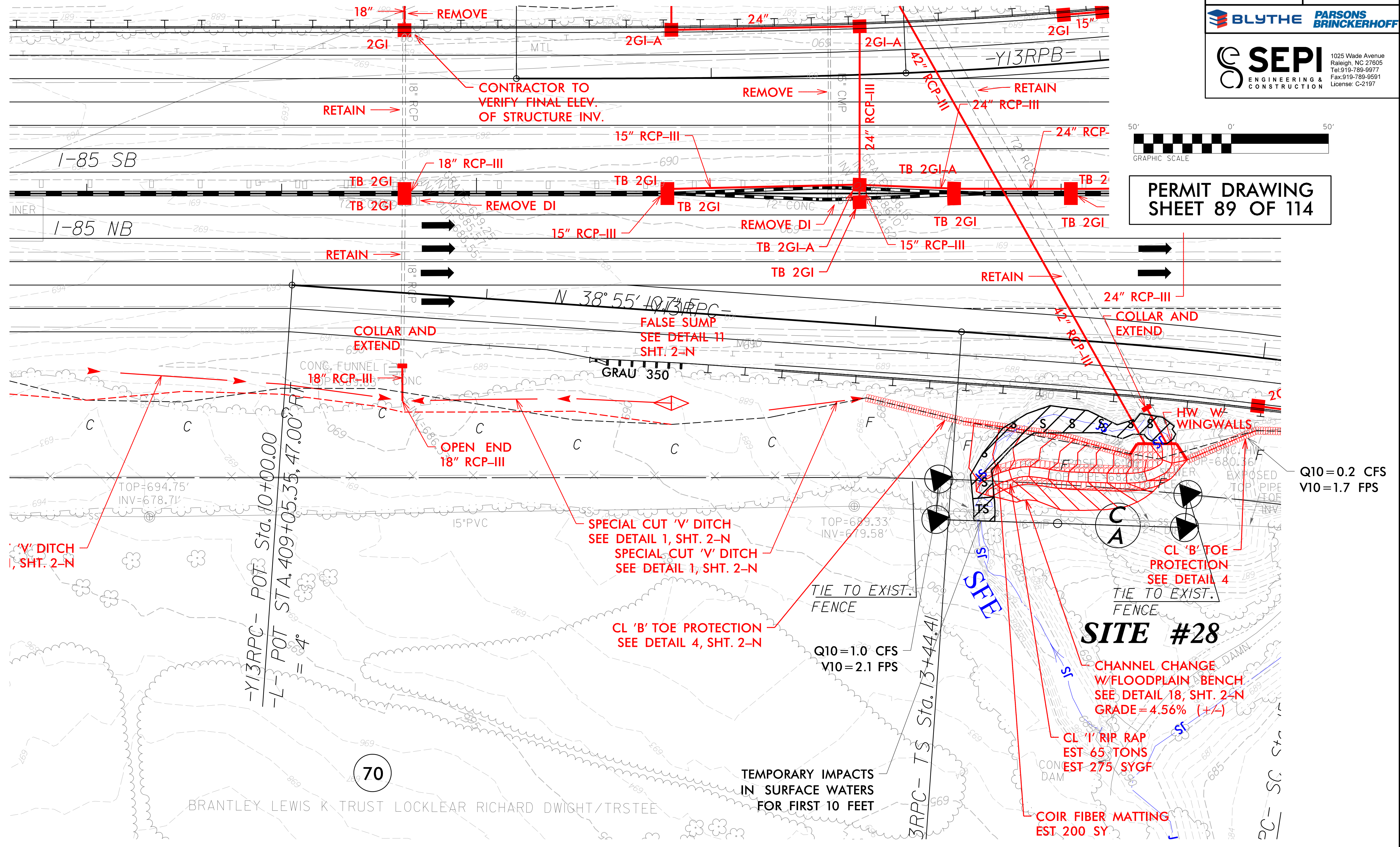
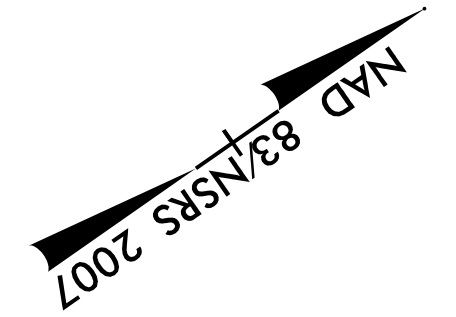
PERMIT DRAWING
SHEET 88 OF 114

PROJECT REFERENCE NO. I-3802A	SHEET NO. 28D
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	



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Fax: 919-789-9591
License: C-2197

DENOTES IMPACTS IN SURFACE WATER
 DENOTES TEMPORARY IMPACTS IN SURFACE WATER

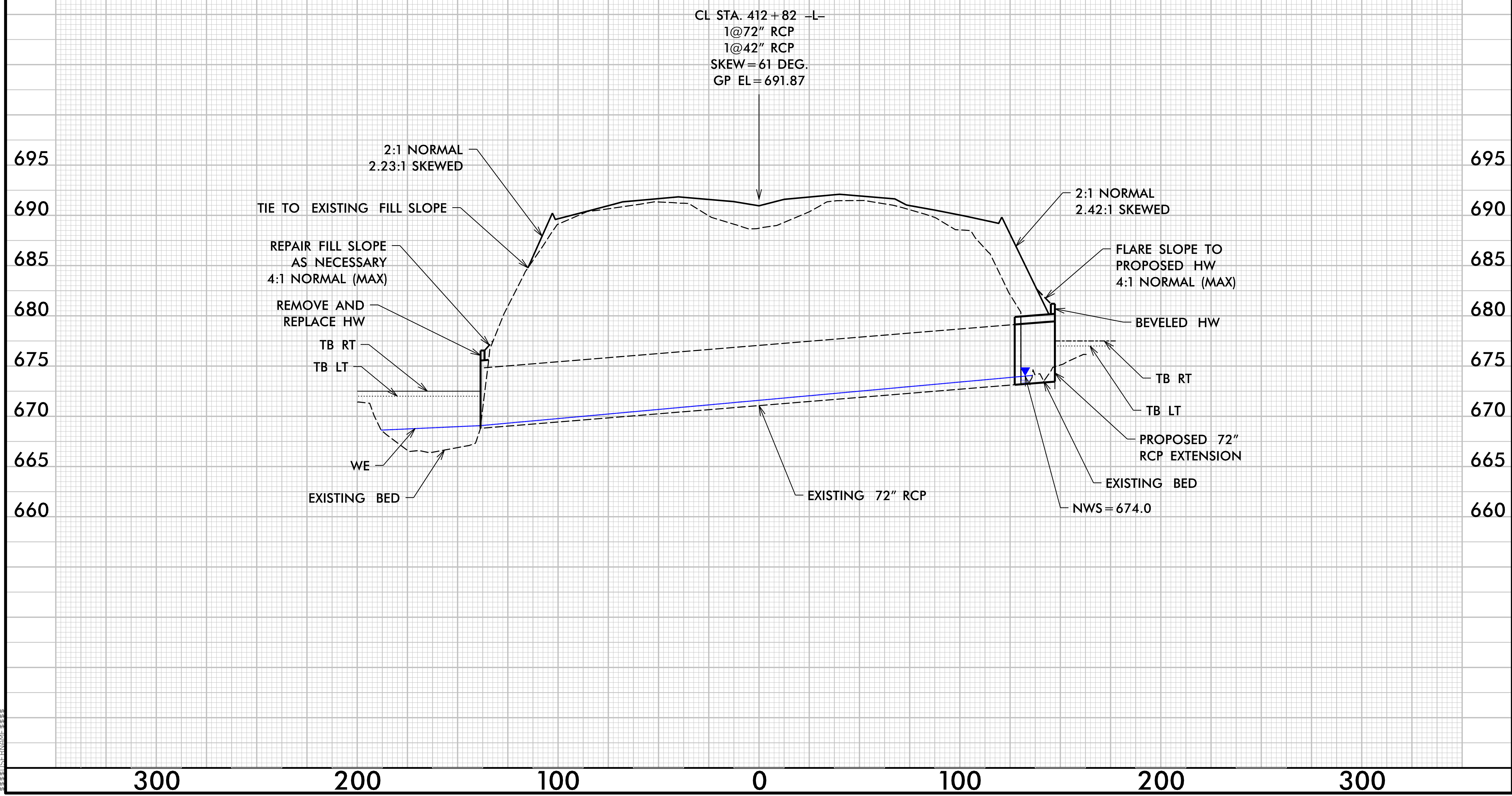


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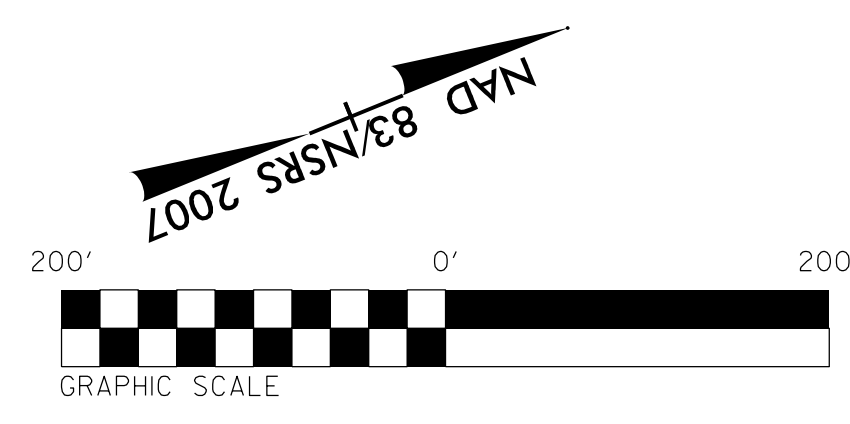
PROJECT REFERENCE NO. 1-3802A	SHEET NO.
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

PERMIT DRAWING
SHEET 90 OF 114

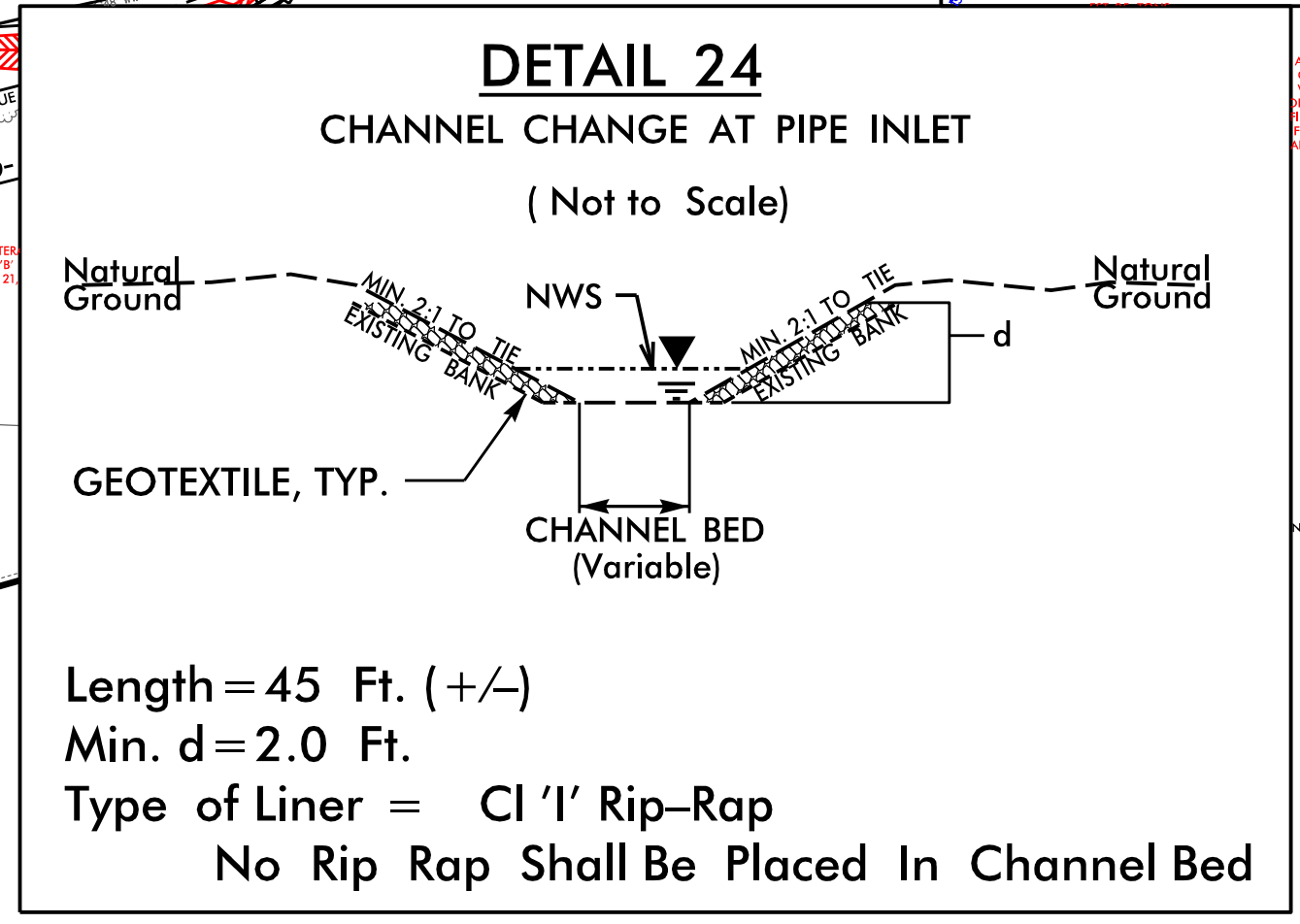
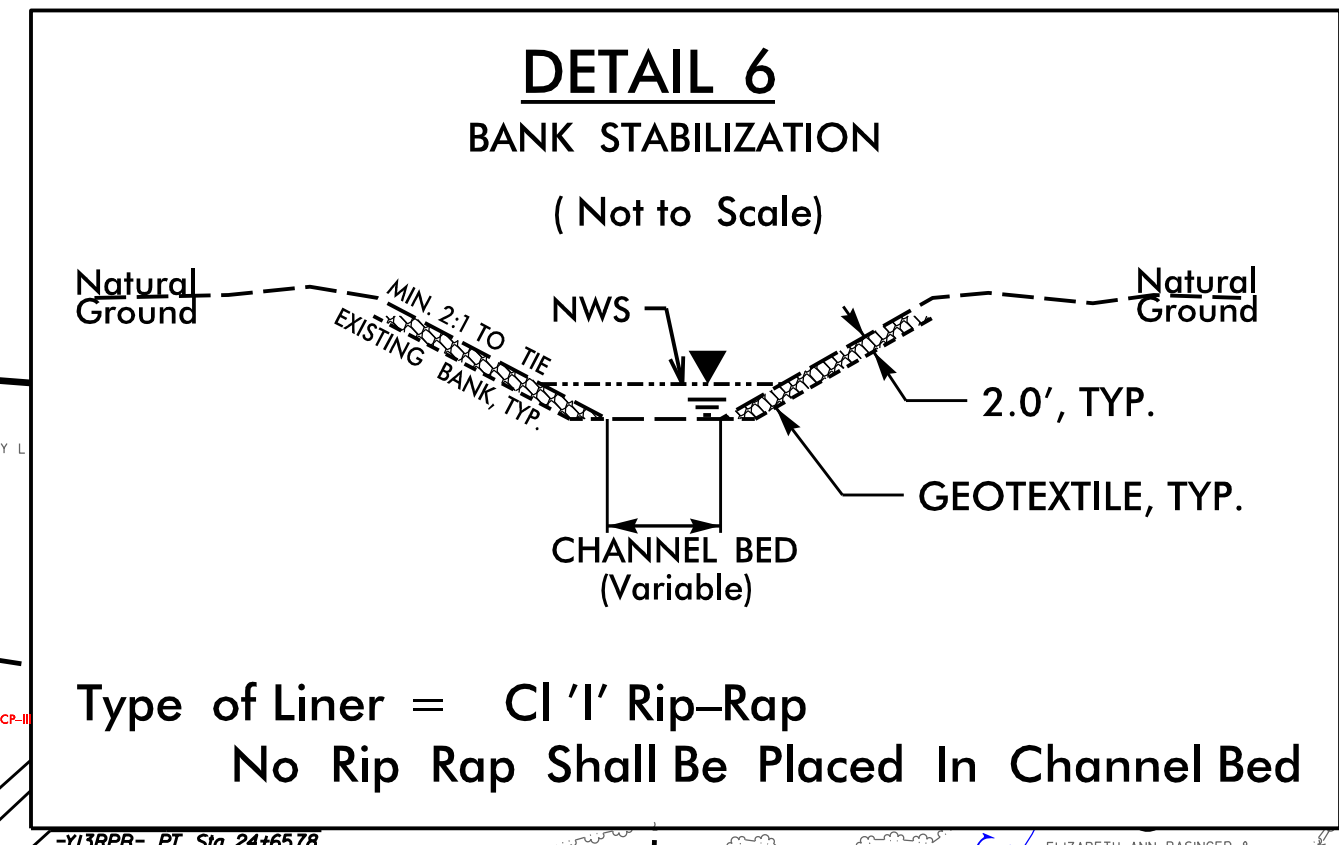
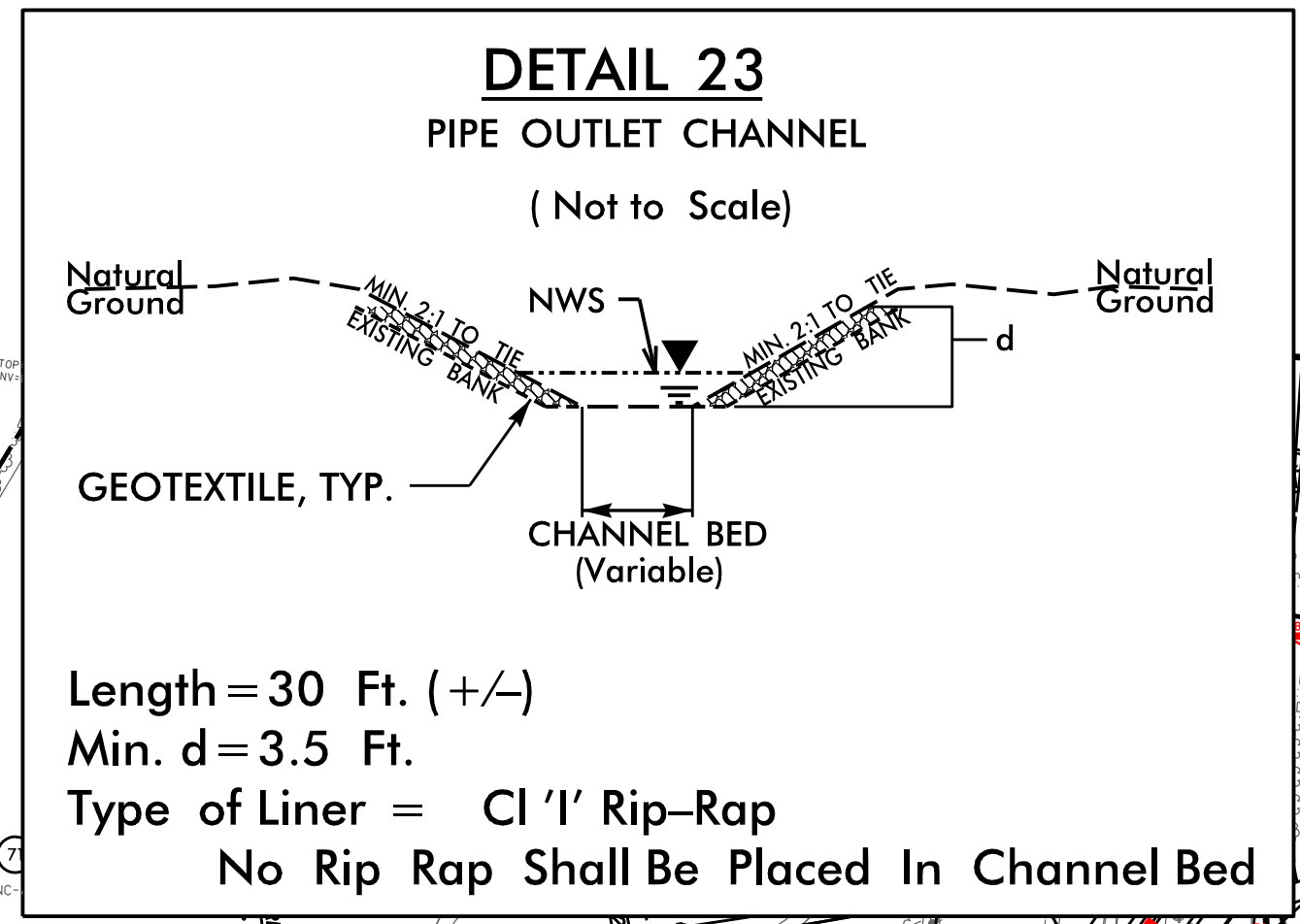


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PROJECT REFERENCE NO.	1-3002A
SHEET NO.	91
ROADWAY DESIGN ENGINEER	BLYPHE PARSONS BRINCKERHOFF
PRELIMINARY PLANS	DO NOT USE FOR CONSTRUCTION
SEPI	1055 Venable Avenue Wilmington, NC 28403 TEL: 754-785-0077 FAX: 754-785-0077 www.sepi.com



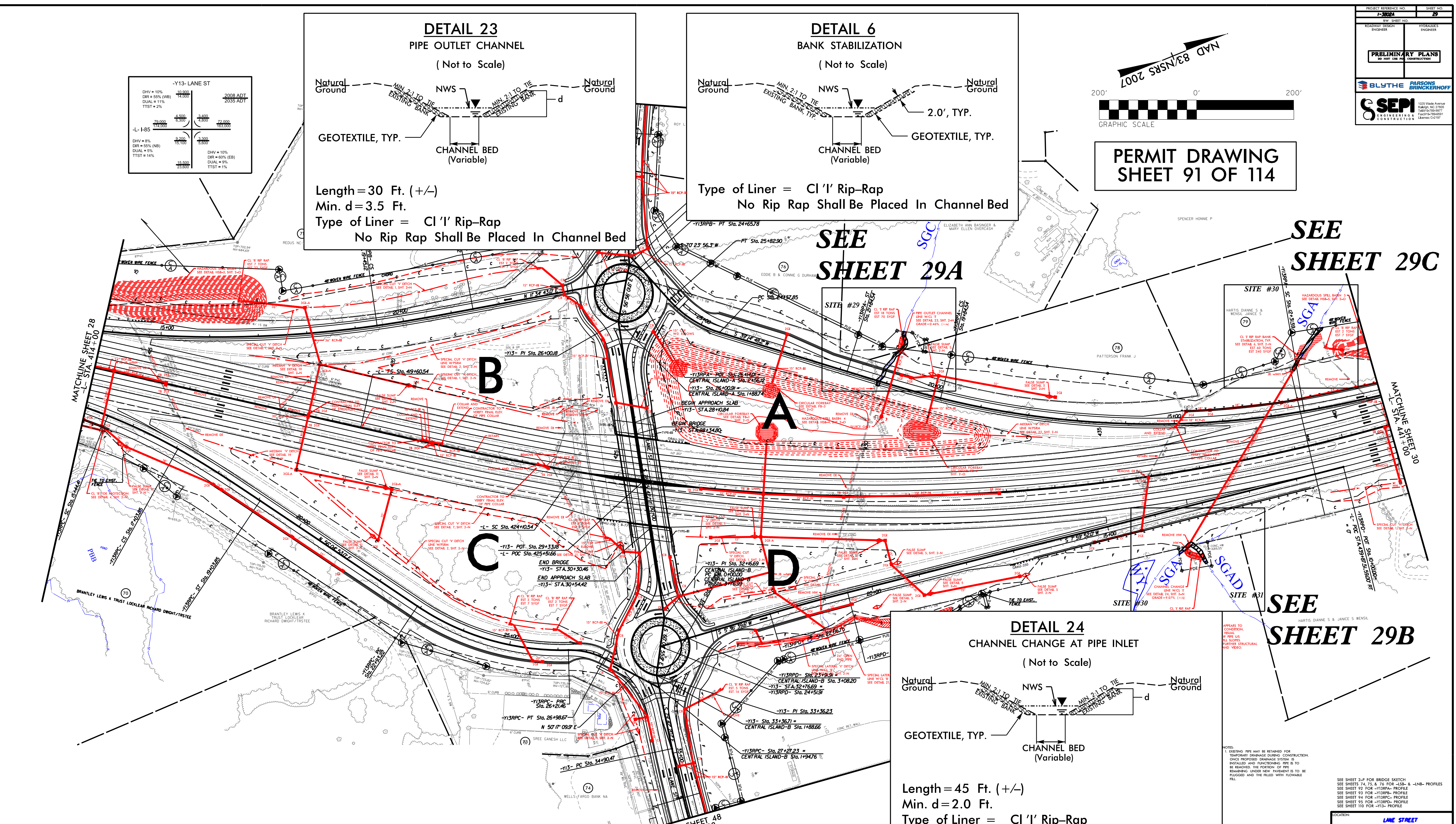
**PERMIT DRAWING
SHEET 91 OF 114**



-Y13- LANE ST		2008 ADT	
DIV# = 10%	10,000	DIV# = 10%	20,000
DUAL = 55% (NB)	17,500	DUAL = 55% (SB)	17,500
TEST = 2%		TEST = 2%	
-L- L-85		2008 ADT	
DIV# = 8%	4,500	DIV# = 8%	9,000
DUAL = 55% (NB)	3,000	DUAL = 55% (SB)	3,000
DUAL = 5%	15,100	DUAL = 5%	15,100
TEST = 14%		TEST = 14%	
-R- R-85		2008 ADT	
DIV# = 8%	4,500	DIV# = 8%	9,000
DUAL = 55% (NB)	3,000	DUAL = 55% (SB)	3,000
DUAL = 5%	15,100	DUAL = 5%	15,100
TEST = 14%		TEST = 14%	

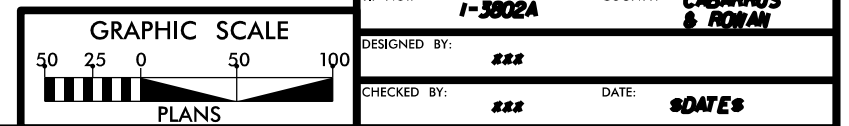
DENOTES IMPACTS IN SURFACE WATER

DENOTES TEMPORARY IMPACTS IN SURFACE WATER



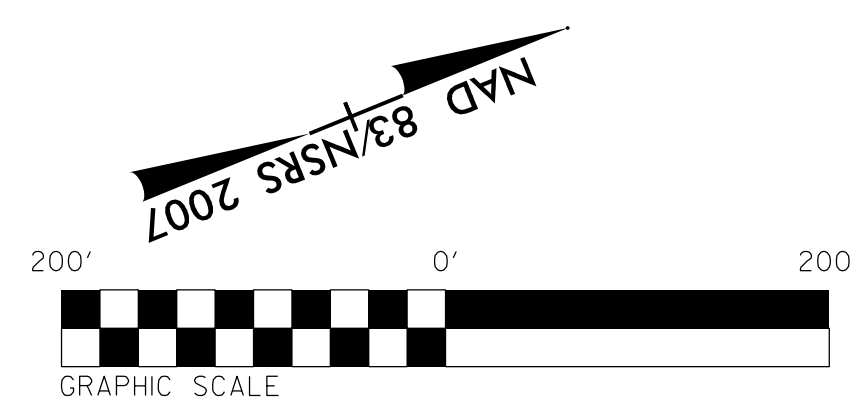
NOTES:
EXISTING PIPE MAY BE RETAINED FOR TEMPORARY DRAINAGE DURING CONSTRUCTION. ONCE PROPOSED DRAINAGE SYSTEM IS INSTALLED AND FUNCTIONING, PIPE IS TO BE REMOVED. THE PORTION OF PIPE & REMAINING UNDER NEW PAVEMENT IS TO BE FLAGGED AND FILLED WITH FLOWABLE FILL.

SEE SHEET 24P FOR BRIDGE SKETCH
SEE SHEETS 74, 75 & 76 FOR -L-85- & -R-85- PROFILES
SEE SHEET 92 FOR -Y13RPC- PROFILE
SEE SHEET 93 FOR -Y13RPC- PROFILE
SEE SHEET 94 FOR -Y13RPC- PROFILE
SEE SHEET 95 FOR -Y13RPC- PROFILE
SEE SHEET 110 FOR -Y13- PROFILE

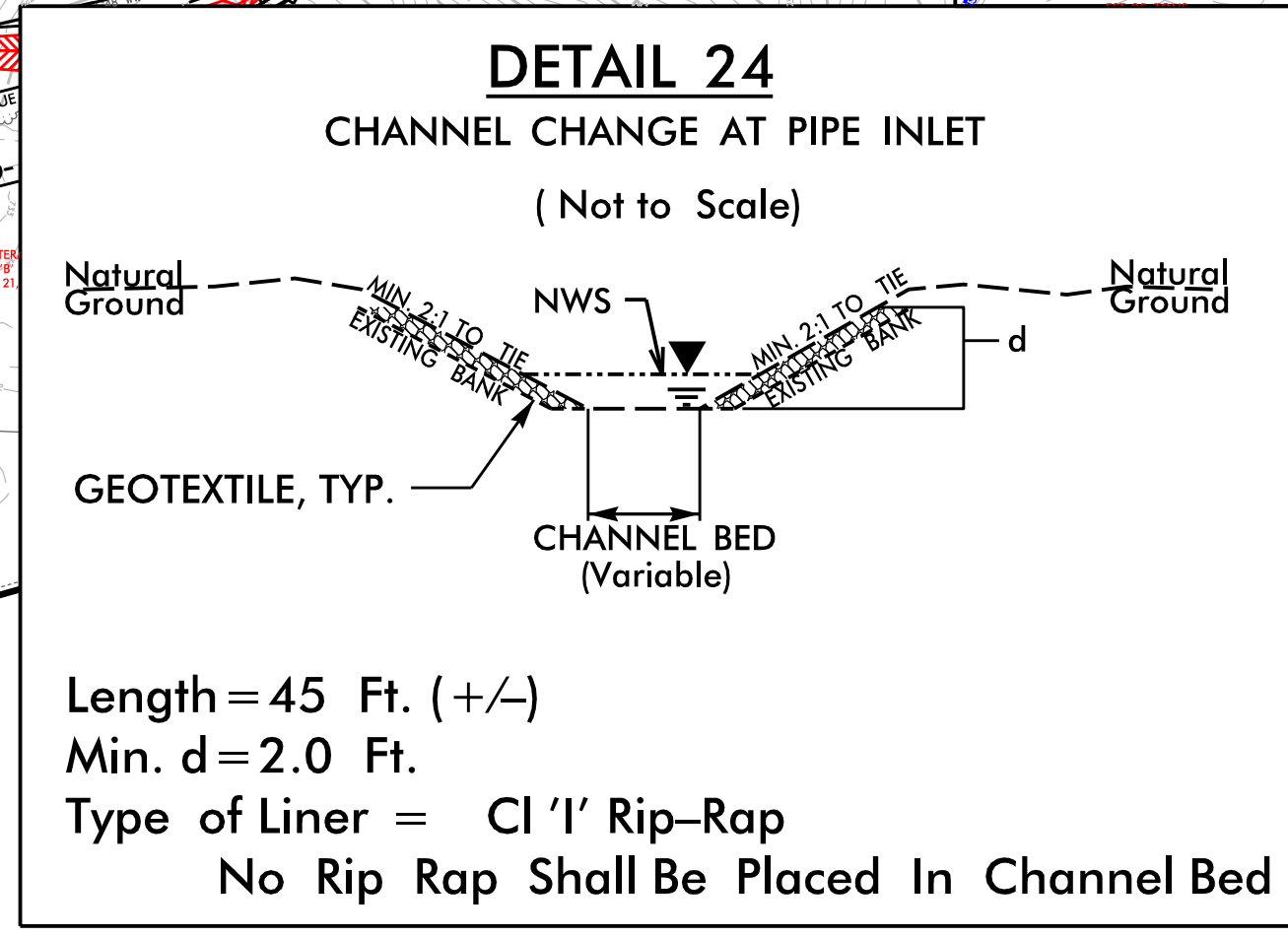
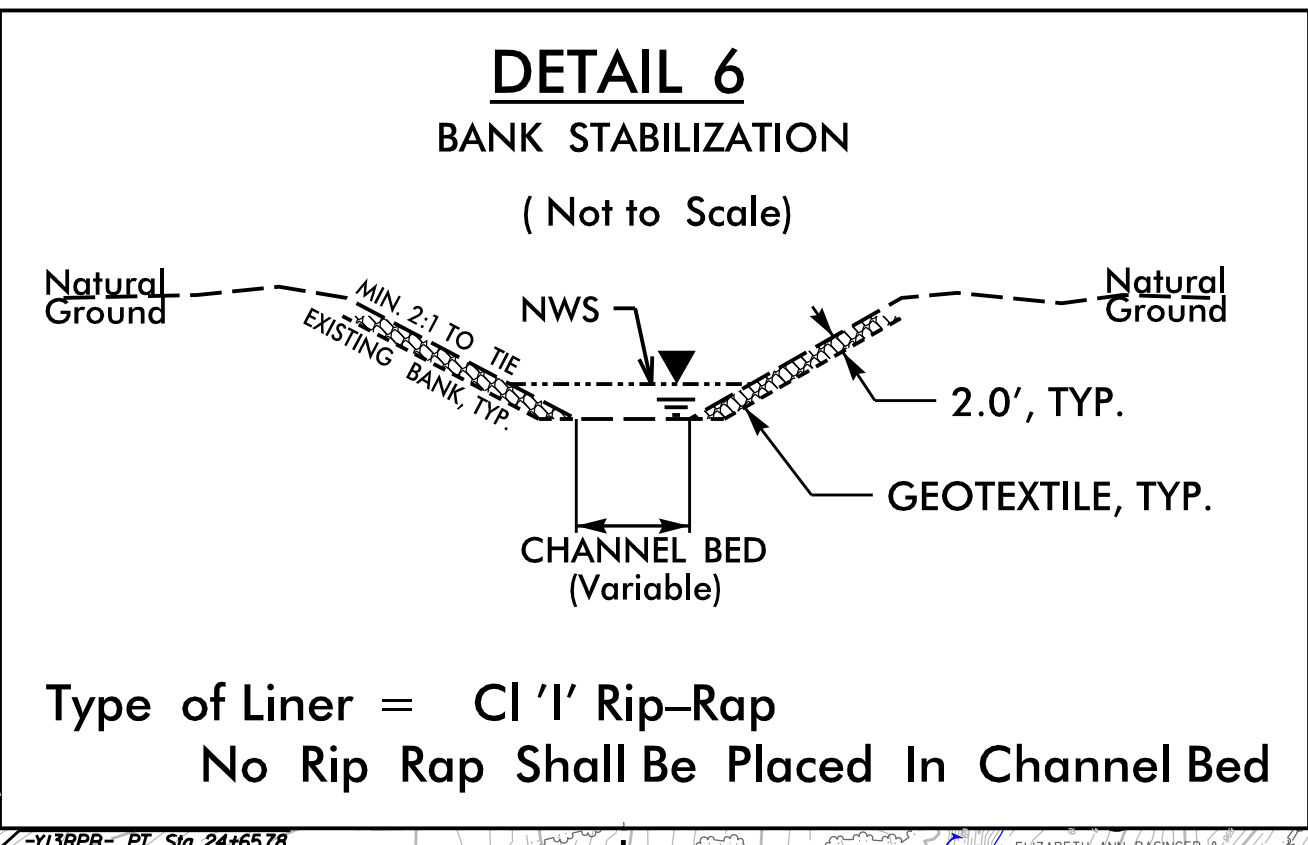
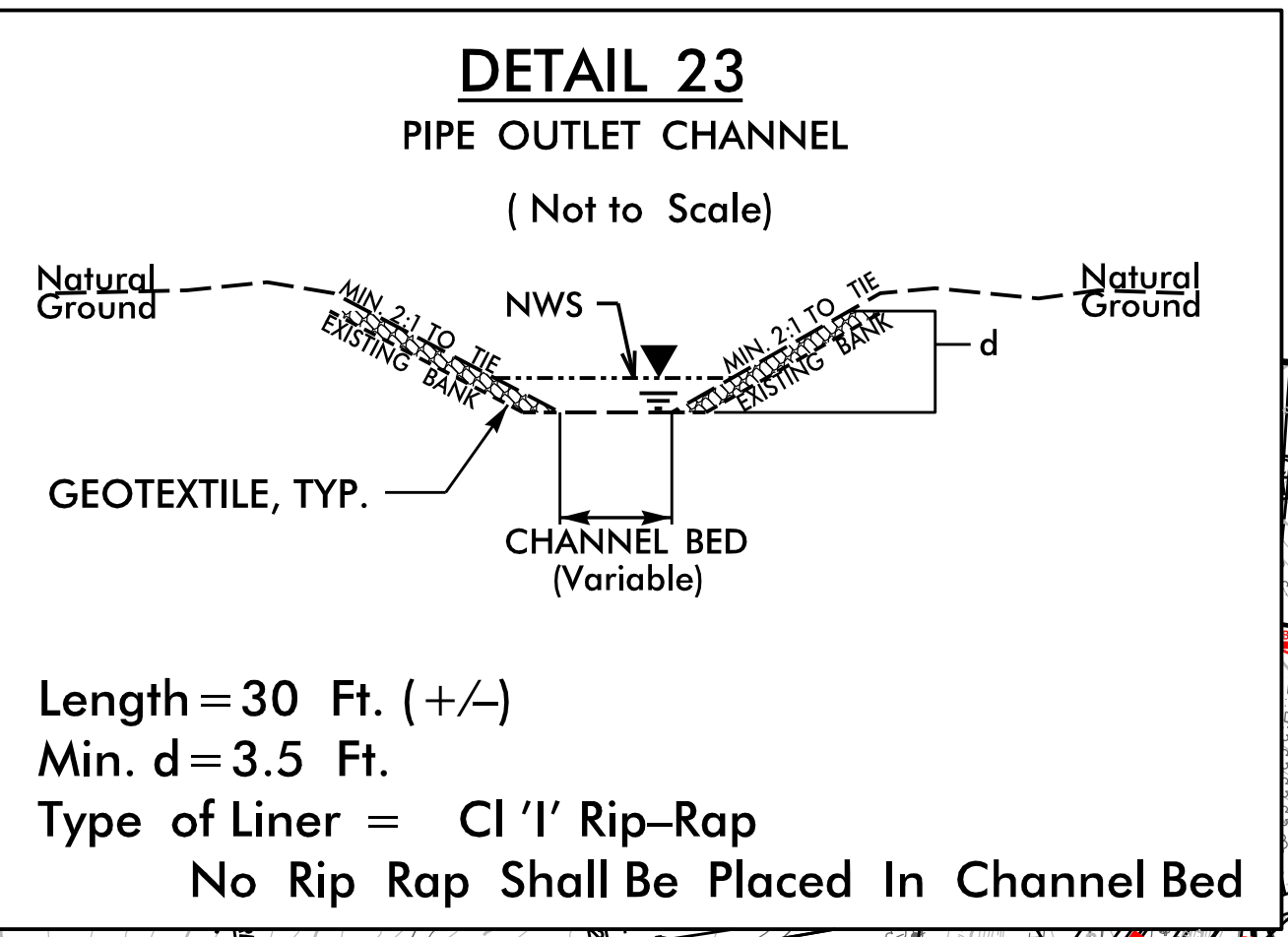


LOCATION:	LANE STREET 0 1-85
PROJECT NO.:	1-3002A
COUNTY:	CABARRUS & SCAM
DESIGNED BY:	###
PREPARED BY:	###
DATE:	5/20/24

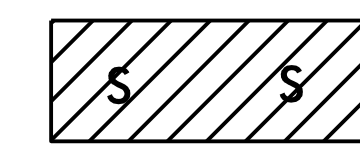
PROJECT REFERENCE NO.	1-3802A
SHEET NO.	92
ROADWAY DESIGN ENGINEER	PRELIMINARY PLANS
PROFESSIONAL ENGINEER	DO NOT USE FOR CONSTRUCTION



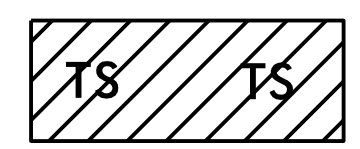
**PERMIT DRAWING
SHEET 92 OF 114**



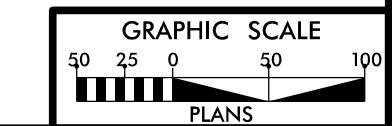
-Y13- LANE ST		2008 ADT	
DIV# = 10%	10,000	DIV# = 10%	10,000
DUAL = 55% (NB)	17,000	DUAL = 55% (NB)	17,000
TEST = 2%		TEST = 2%	
-L- L-85		2008 ADT	
DIV# = 8%	4,500	DIV# = 8%	4,500
DUAL = 55% (NB)	7,000	DUAL = 55% (NB)	7,000
DUAL = 5%	15,100	DUAL = 5%	15,100
TEST = 14%		TEST = 14%	
DIV# = 10%	18,500	DIV# = 10%	18,500
DUAL = 55% (NB)	29,000	DUAL = 55% (NB)	29,000
TEST = 1%		TEST = 1%	



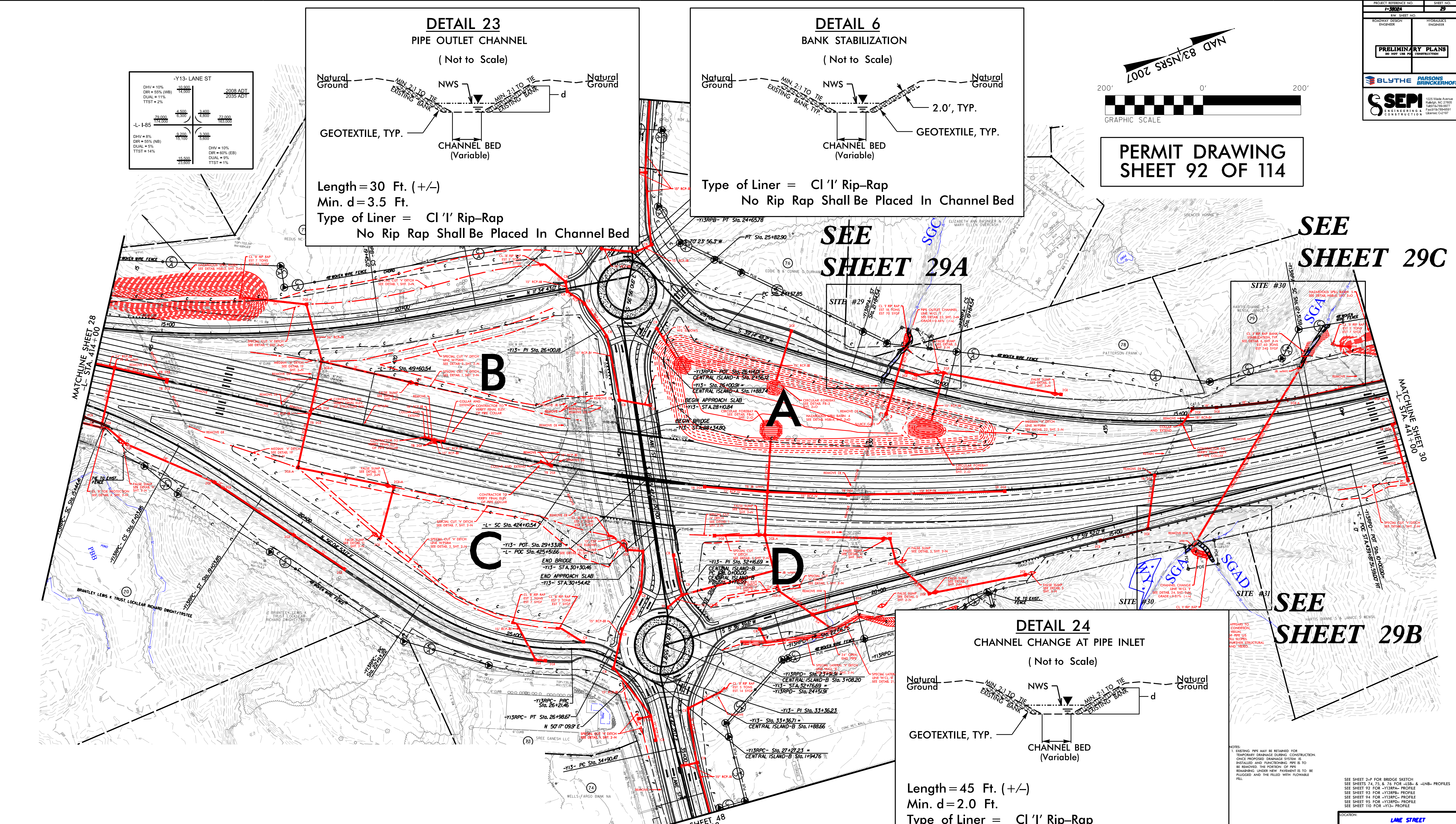
DENOTES IMPACTS IN SURFACE WATER



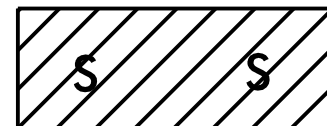
DENOTES TEMPORARY IMPACTS IN SURFACE WATER




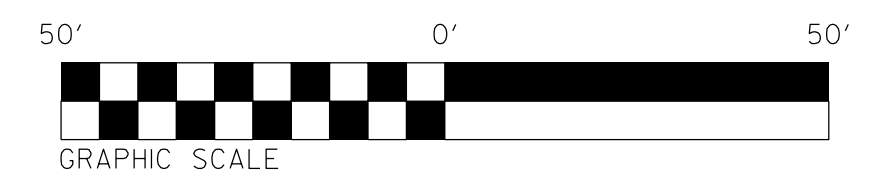
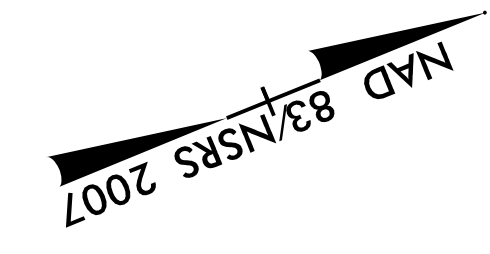
LOCATION	LANE STREET @ I-85
PROJECT NO.	1-3802A
COUNTY	CABARRUS & SOUM
DESIGNED BY	###
PREPARED BY	###
DATE	04/20/18



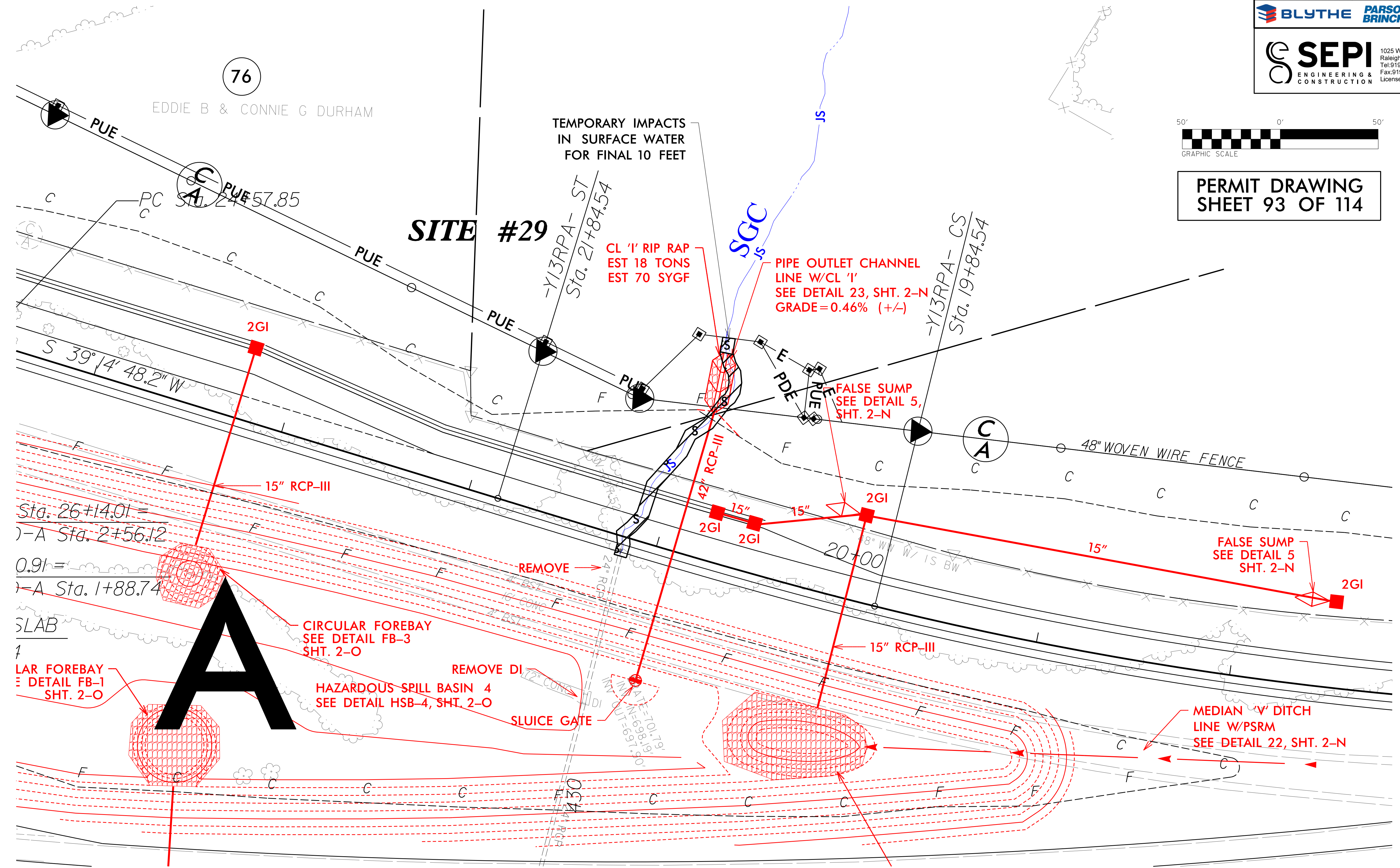
PROJECT REFERENCE NO. I-3802A	SHEET NO. 29A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	
BLYTHE PARSONS BRINCKERHOFF	
SEPI ENGINEERING & CONSTRUCTION	
1025 Wade Avenue Raleigh, NC 27605 Tel: 919-789-9977 Fax: 919-789-9591 License: C-2197	

 DENOTES IMPACTS IN SURFACE WATER

 DENOTES TEMPORARY IMPACTS IN SURFACE WATER



PERMIT DRAWING
SHEET 93 OF 114



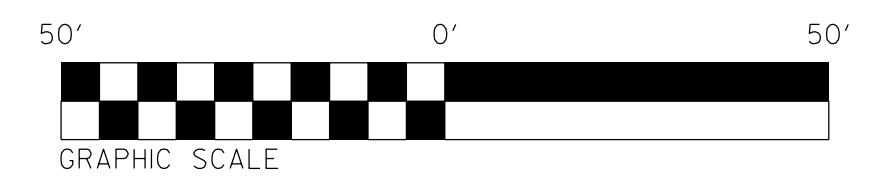
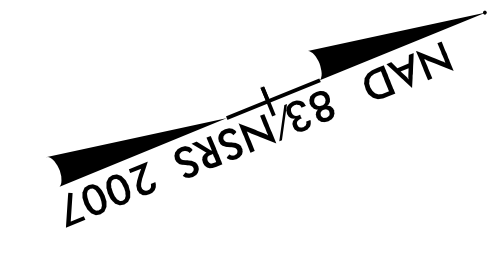
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PROJECT REFERENCE NO. I-3802A	SHEET NO. 29A
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

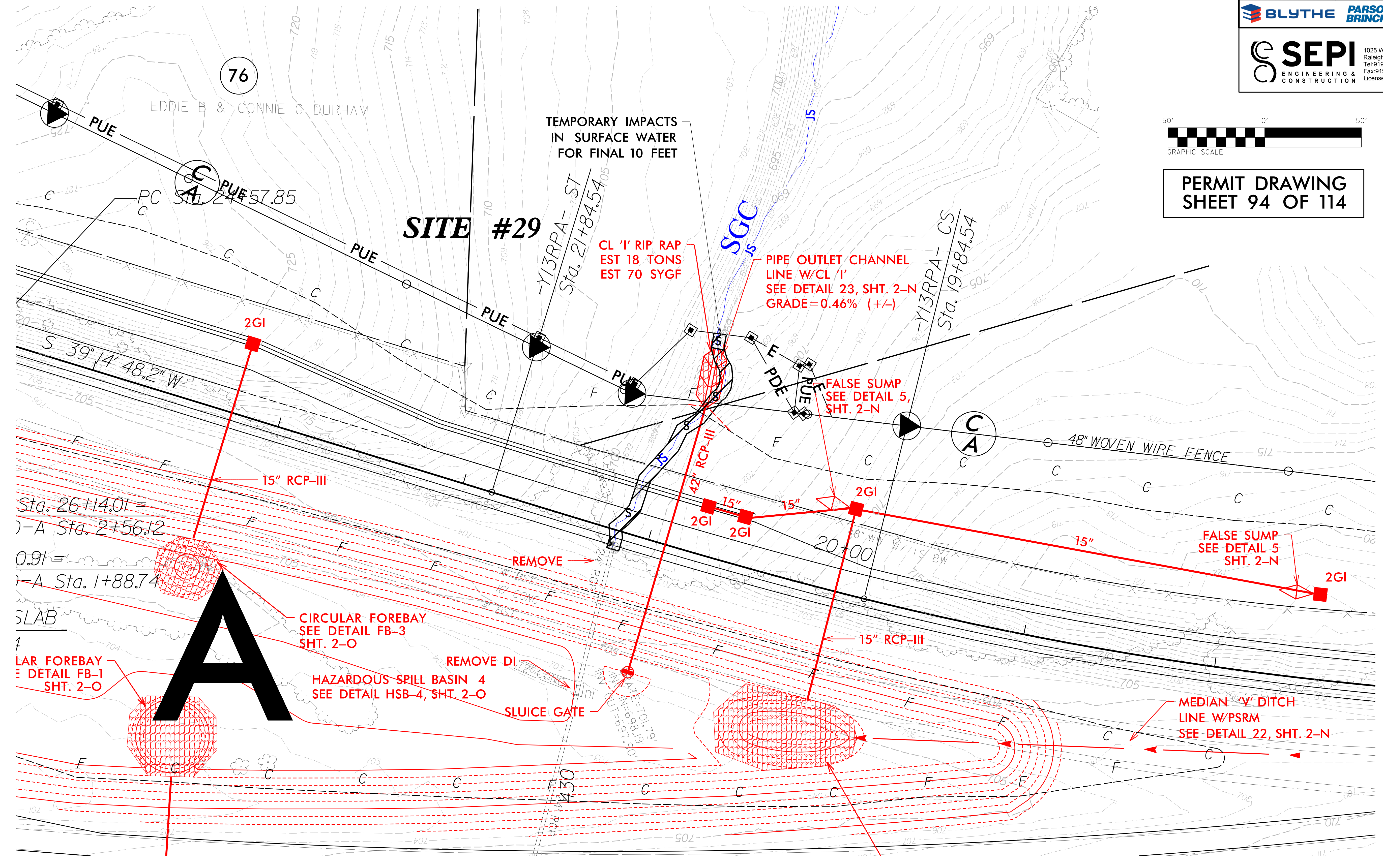


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Fax: 919-789-9591
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DENOTES IMPACTS IN SURFACE WATER
 DENOTES TEMPORARY IMPACTS IN SURFACE WATER



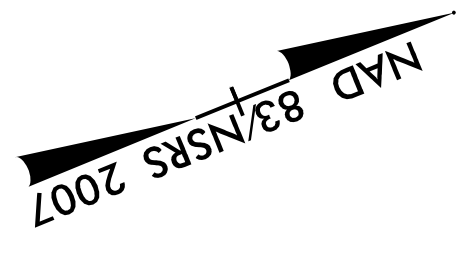
PERMIT DRAWING
SHEET 94 OF 114



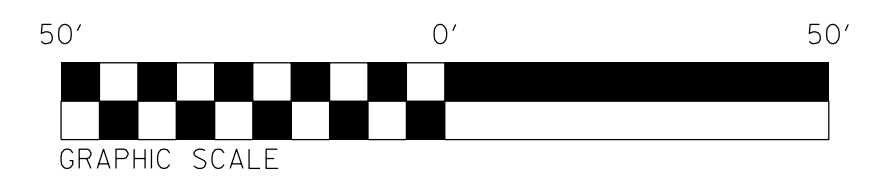
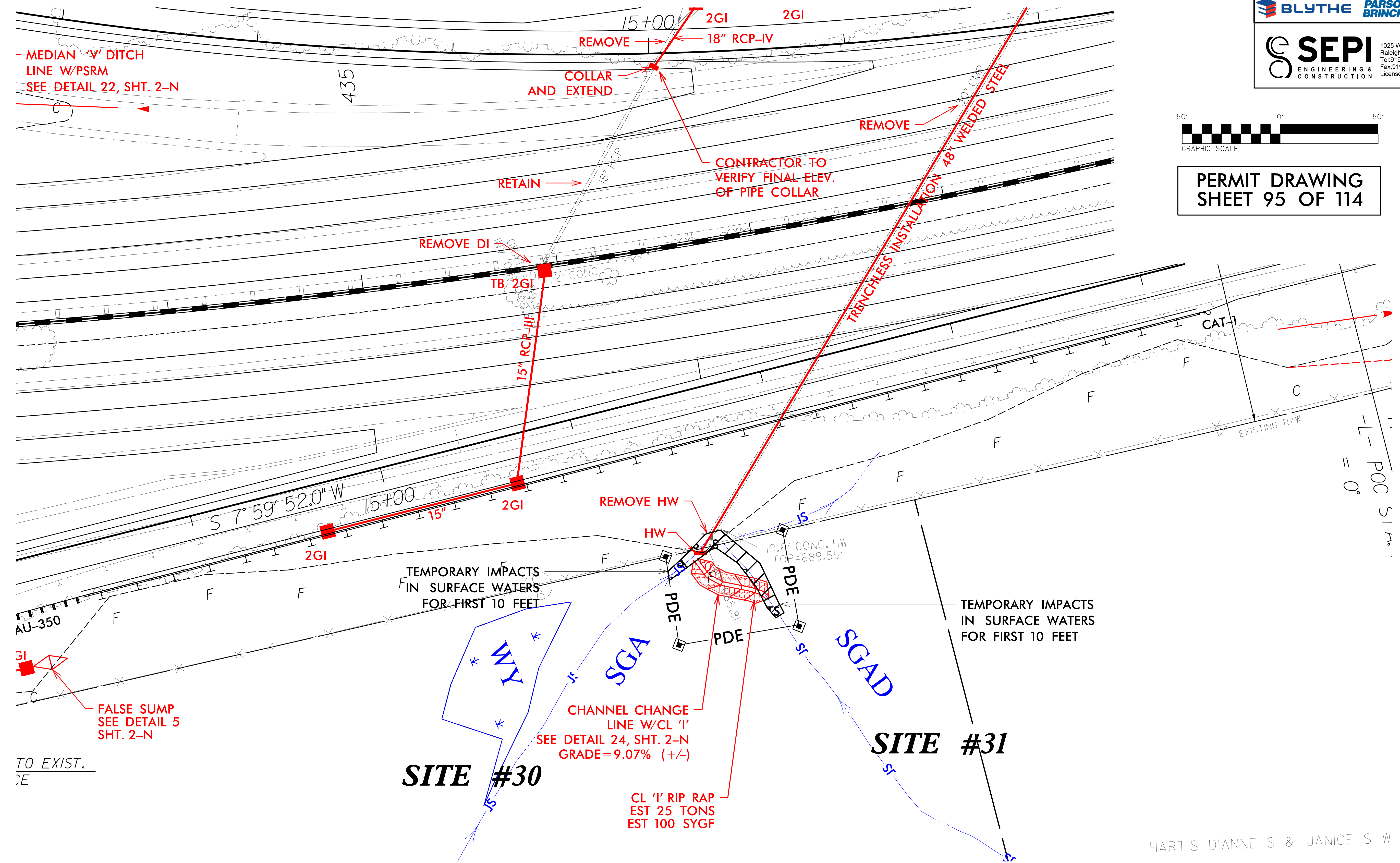
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8/17/09
1/27/2015
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PROJECT REFERENCE NO. I-3802A	SHEET NO. 29B
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	
BLYTHE PARSONS BRINCKERHOFF	
SEPI ENGINEERING & CONSTRUCTION	
<small>1025 Wade Avenue Raleigh, NC 27605 Tel: 919-789-9977 Fax: 919-789-9591 License: C-2197</small>	



DENOTES IMPACTS IN SURFACE WATER
 DENOTES TEMPORARY IMPACTS IN SURFACE WATER



PERMIT DRAWING
SHEET 95 OF 114

TO EXIST.
E

SITE #30

SITE #31

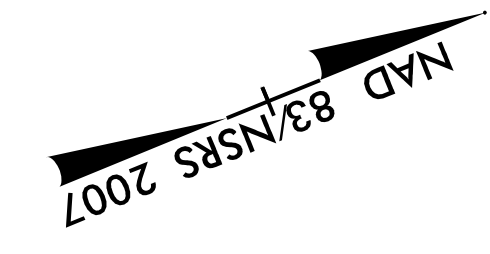
HARTIS DIANNE S & JANICE S W

PROJECT REFERENCE NO. I-3802A	SHEET NO. 29B
R/W SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	



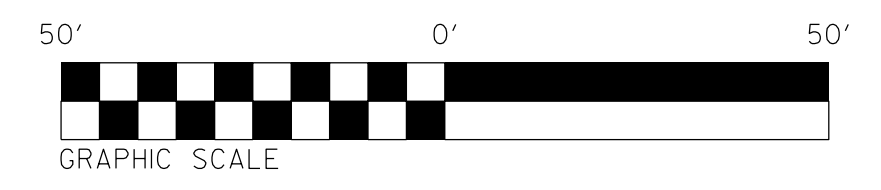
SEPI
ENGINEERING & CONSTRUCTION

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Raleigh, NC 27605
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Fax: 919-789-9591
License: C-2197

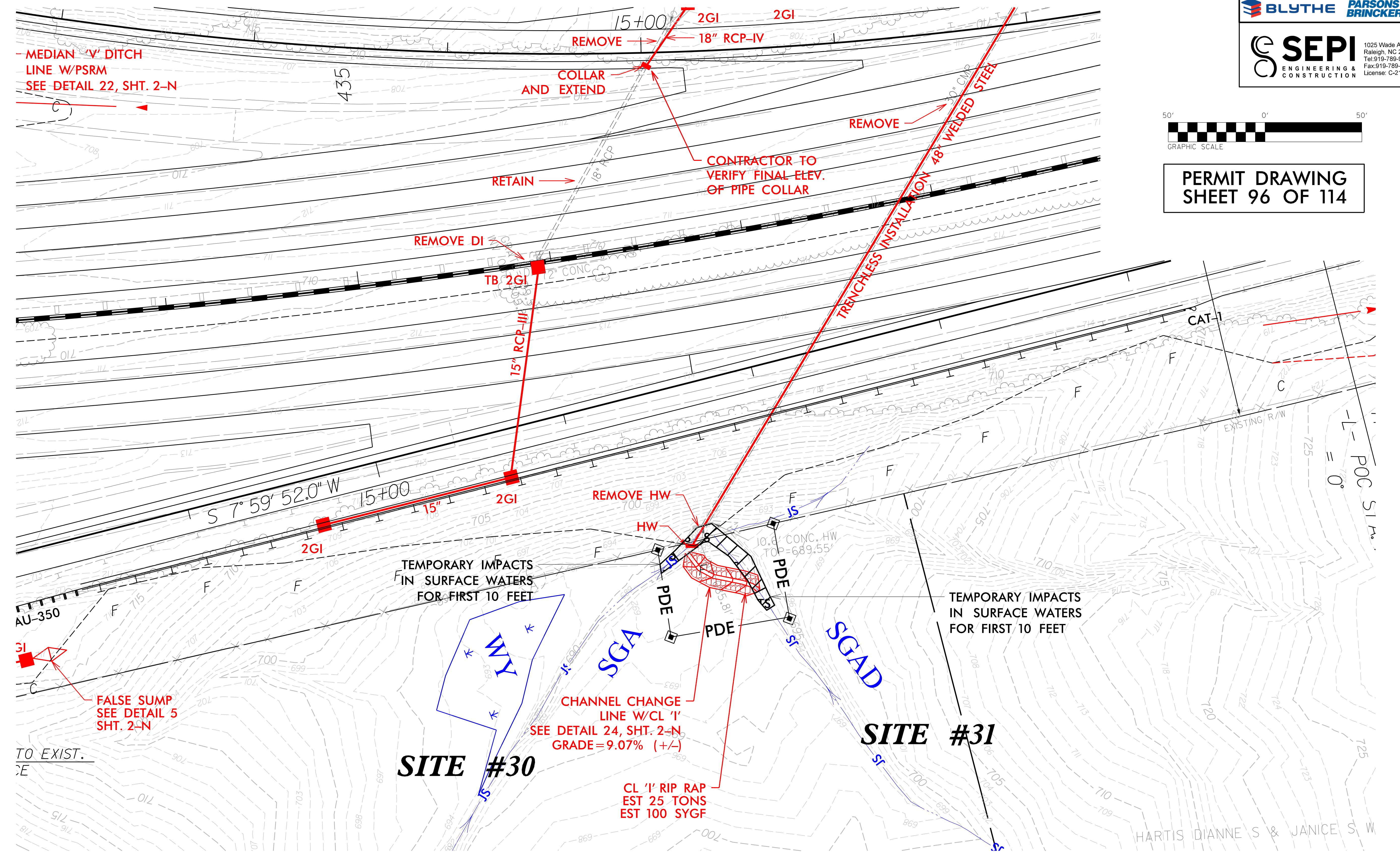


DENOTES IMPACTS IN SURFACE WATER

DENOTES TEMPORARY IMPACTS IN SURFACE WATER



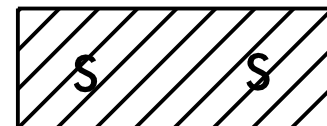
PERMIT DRAWING
SHEET 96 OF 114




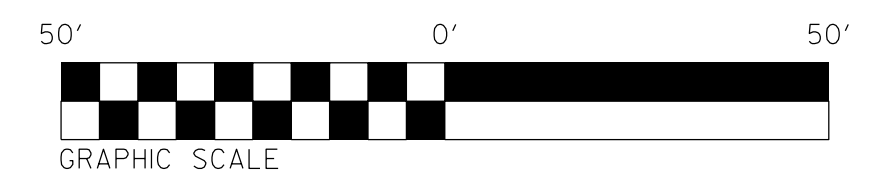
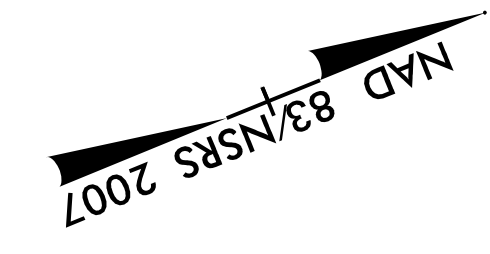
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HARTIS DIANNE S & JANICE S. W

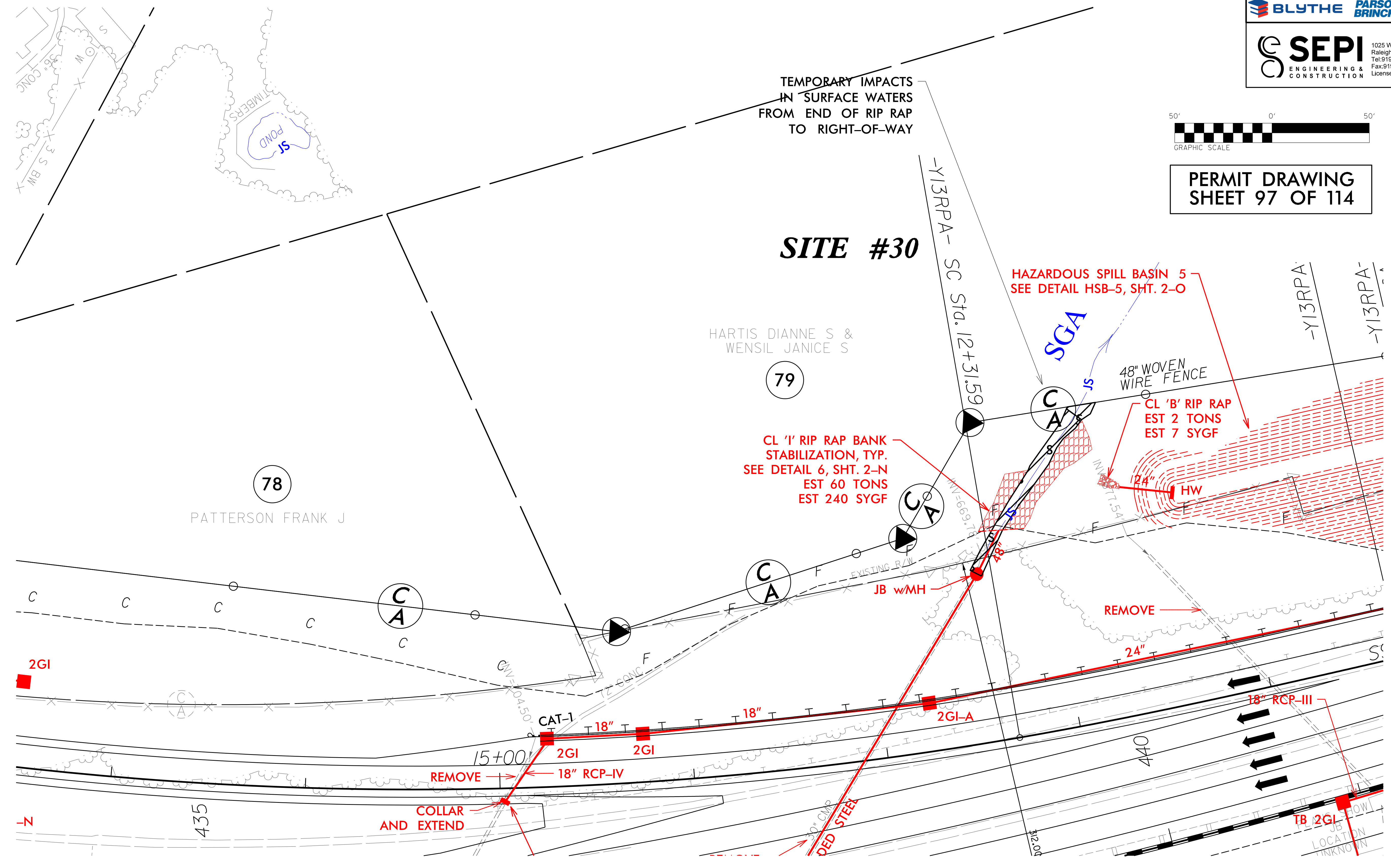
PROJECT REFERENCE NO. I-3802A	SHEET NO. 29C
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	
BLYTHE PARSONS BRINCKERHOFF	
SEPI ENGINEERING & CONSTRUCTION	
1025 Wade Avenue Raleigh, NC 27605 Tel: 919-789-9977 Fax: 919-789-9591 License: C-2197	

 DENOTES IMPACTS IN SURFACE WATER

 DENOTES TEMPORARY IMPACTS IN SURFACE WATER



PERMIT DRAWING
SHEET 97 OF 114



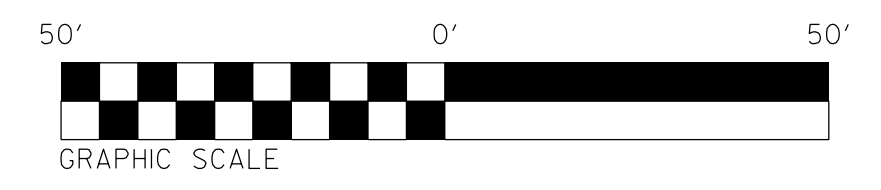
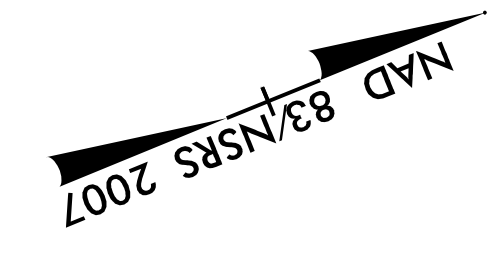
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PROJECT REFERENCE NO. I-3802A	SHEET NO. 29C
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

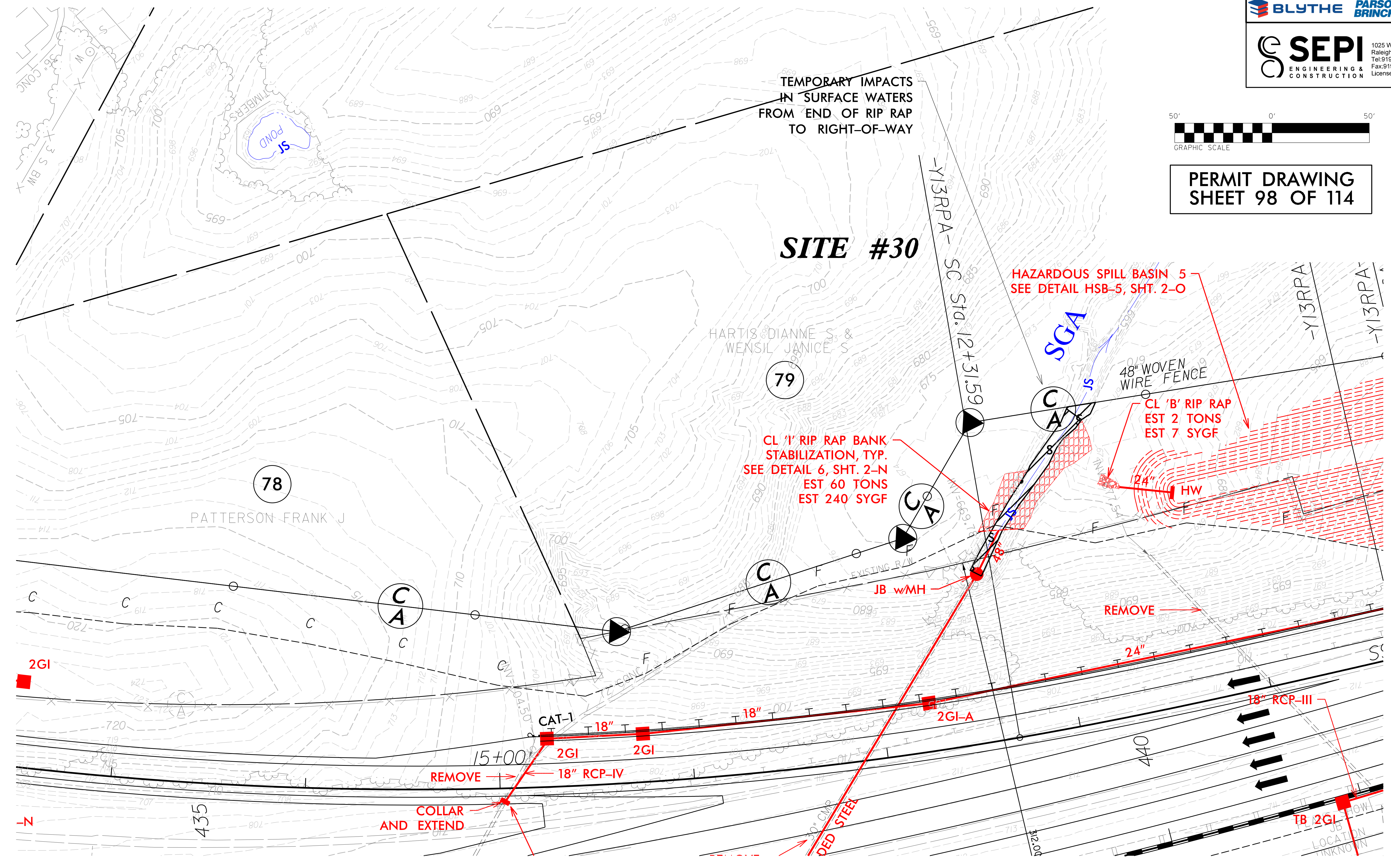


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License: C-2197

DENOTES IMPACTS IN SURFACE WATER DENOTES TEMPORARY IMPACTS IN SURFACE WATER



PERMIT DRAWING
SHEET 98 OF 114

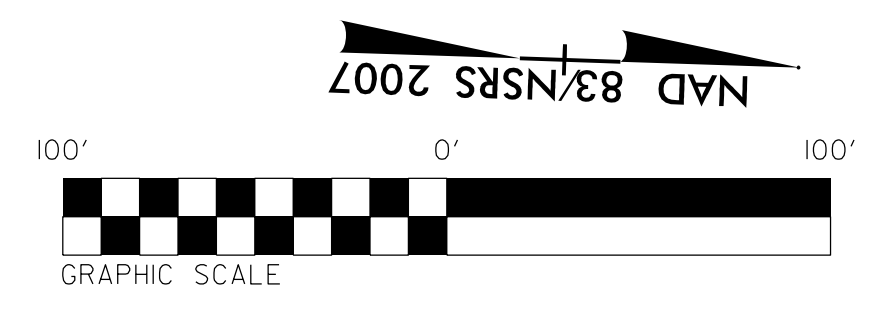


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1/27/2015
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PROJECT REFERENCE NO.	SHEET NO.
I-3802A	30
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

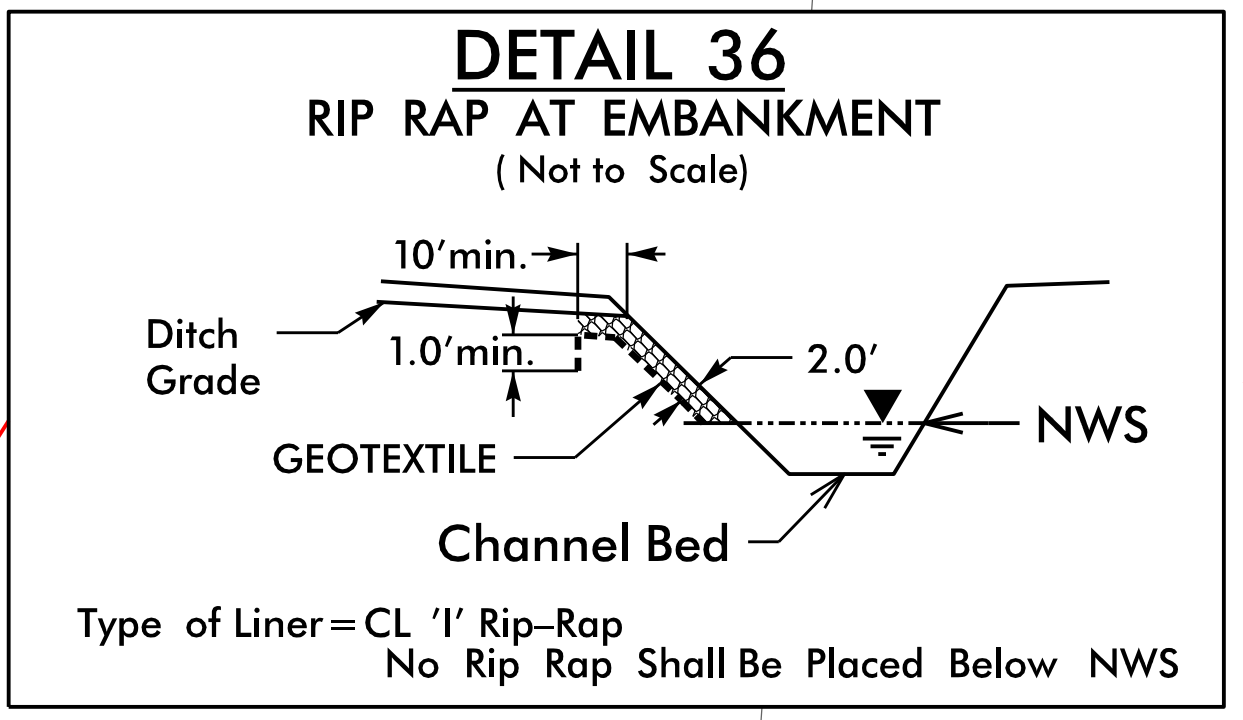
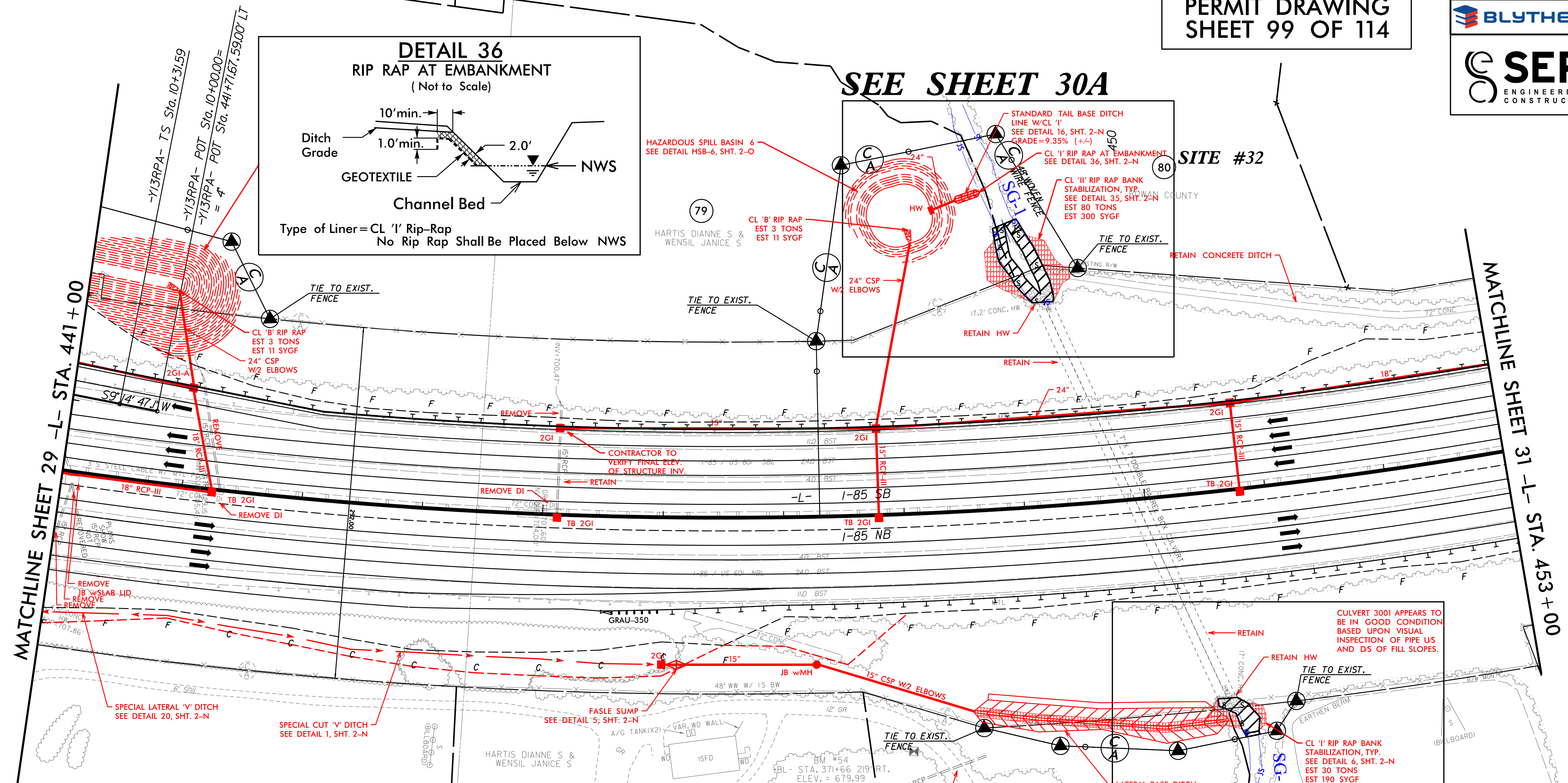


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Tel: 919-789-9977
Fax: 919-789-9591
License: C-2197

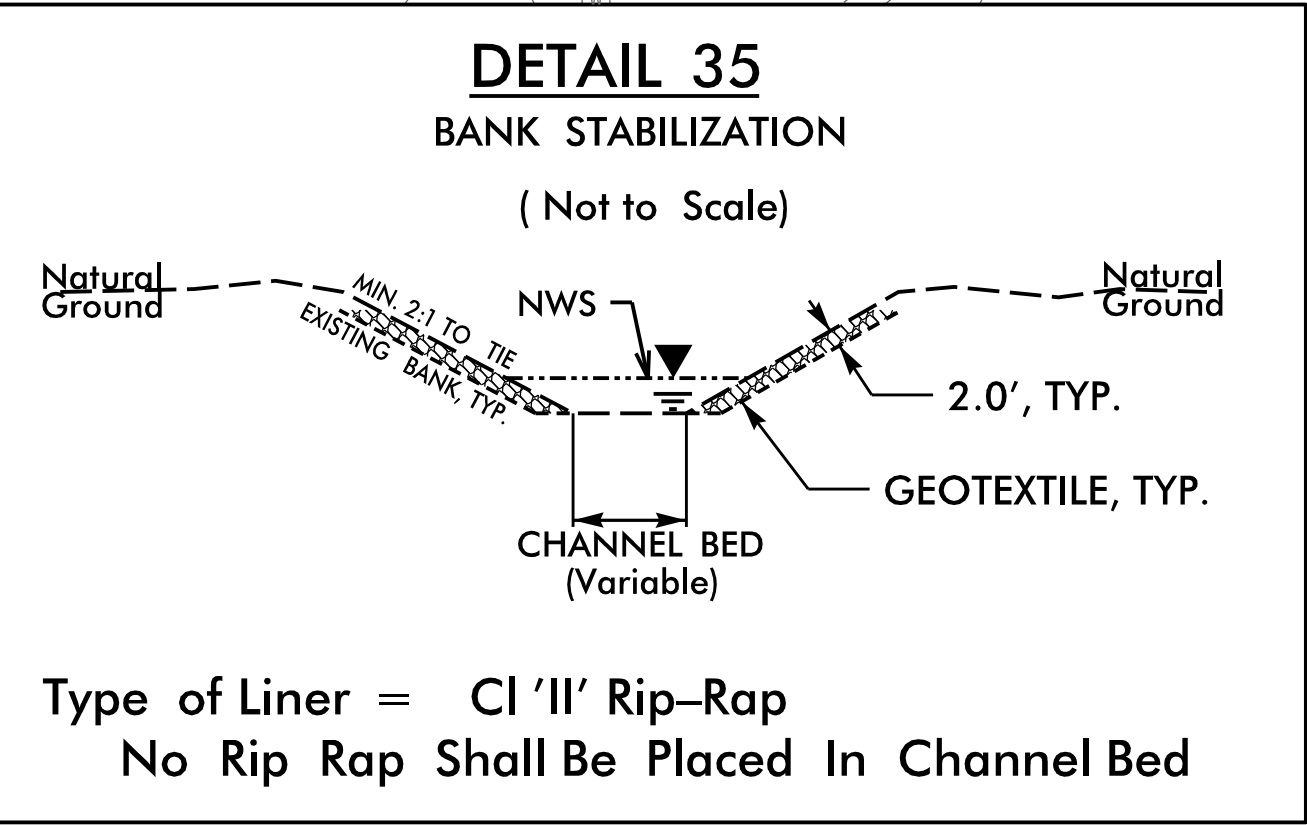
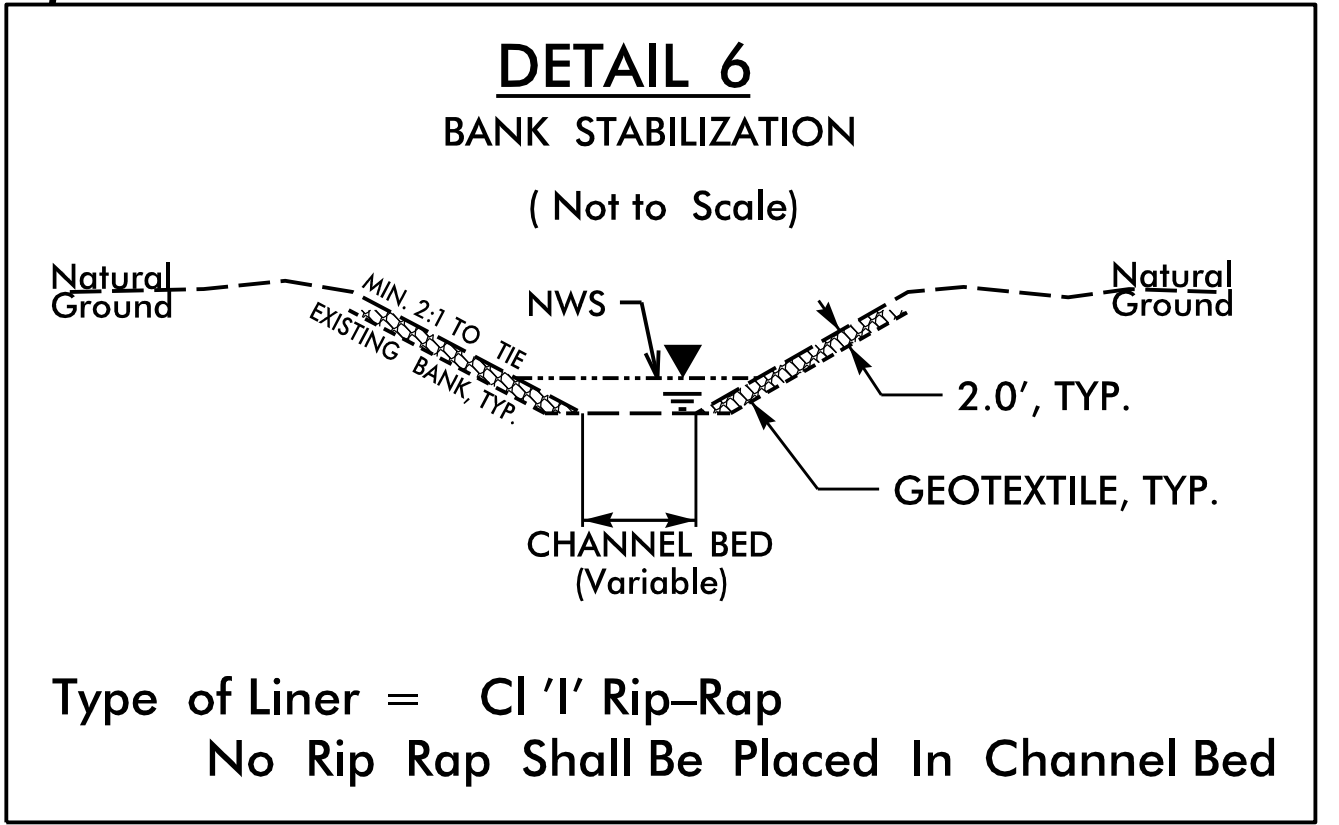


PERMIT DRAWING SHEET 99 OF 114

DENOTES IMPACTS IN SURFACE WATER
 DENOTES TEMPORARY IMPACTS IN SURFACE WATER



SEE SHEET 30A



SEE SHEET 30B

NOTES:
1. EXISTING PIPE MAY BE RETAINED FOR TEMPORARY DRAINAGE DURING CONSTRUCTION. ONCE PROPOSED DRAINAGE SYSTEM IS INSTALLED AND FUNCTIONING PIPE IS TO BE REMOVED. THE PORTION OF PIPE REMAINING UNDER NEW PAVEMENT IS TO BE PLUGGED AND THE FILLED WITH FLOWABLE FILL.

SEE SHEETS 76 & 77 FOR -LSB- & -LNB- PROFILES
SEE SHEET 92 FOR -Y13RPA- PROFILE

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1/27/2015
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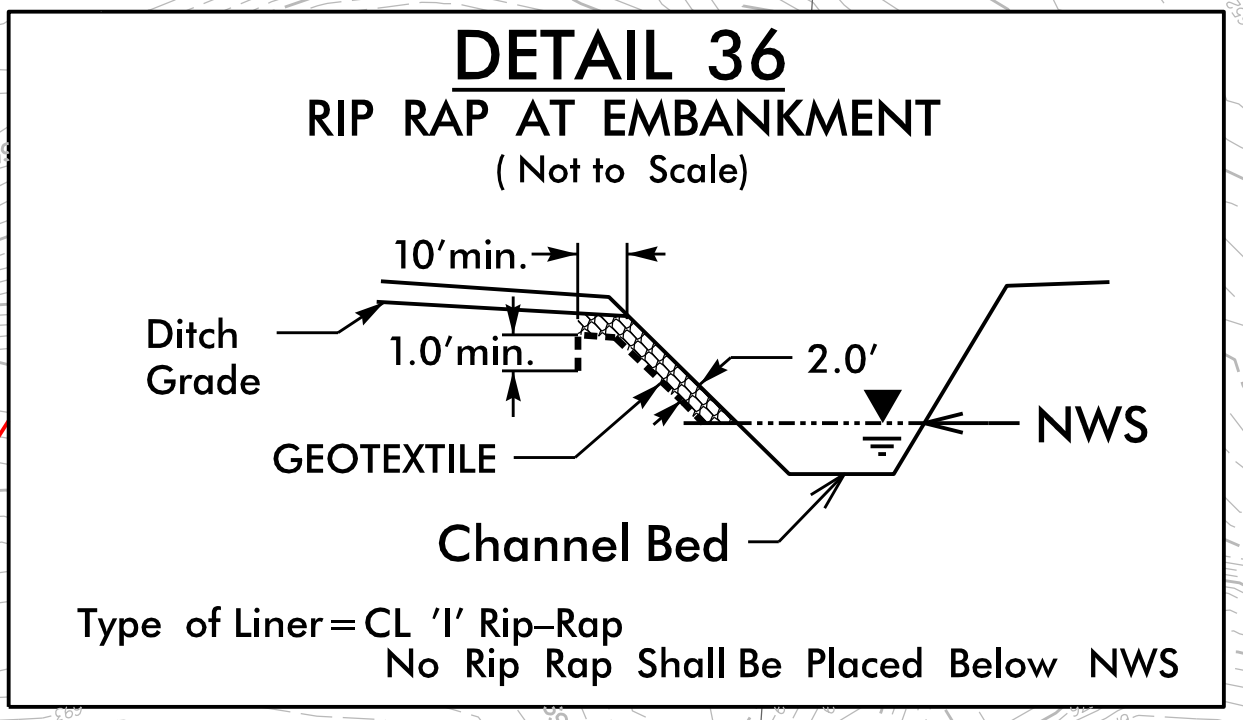
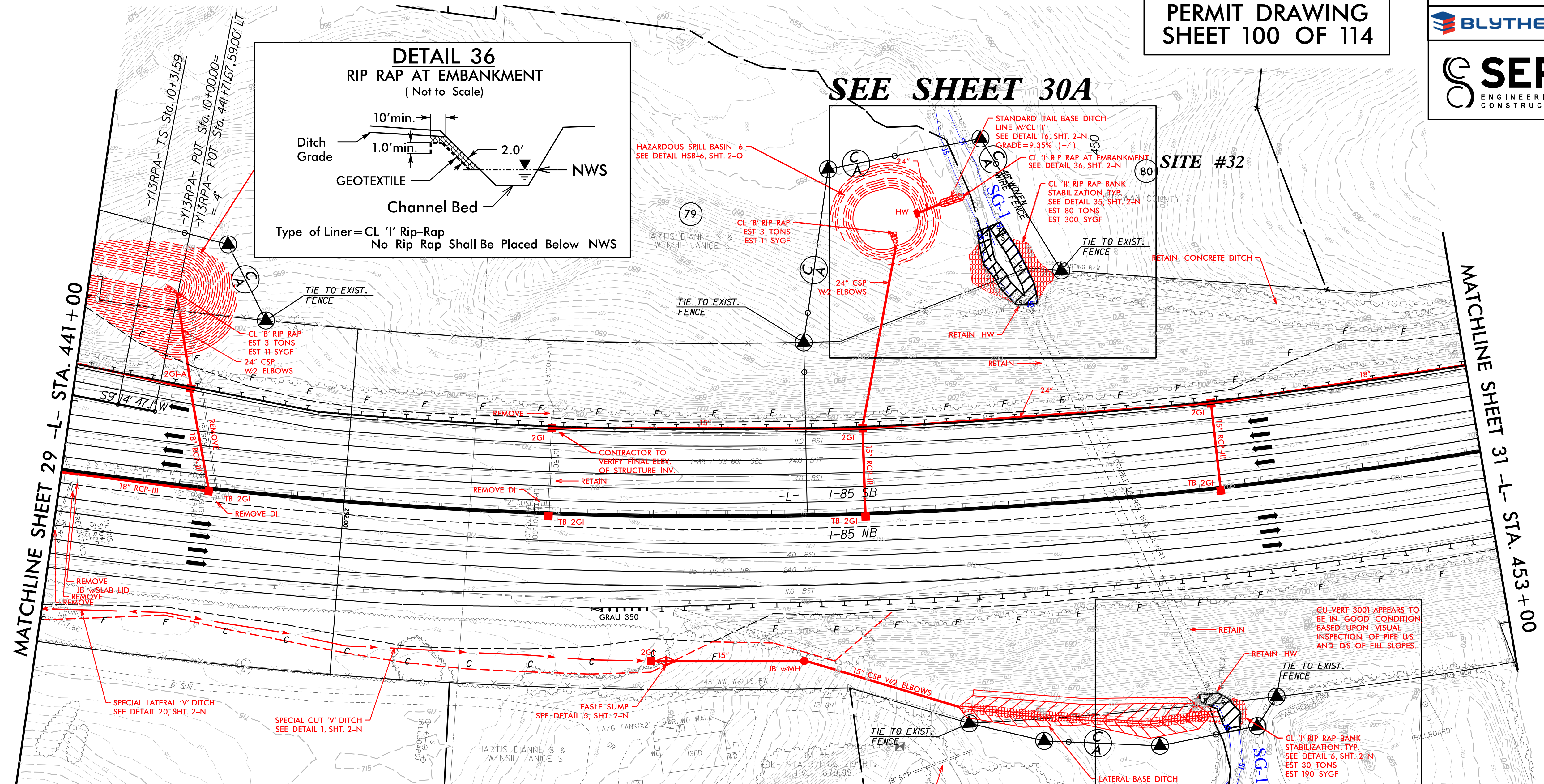
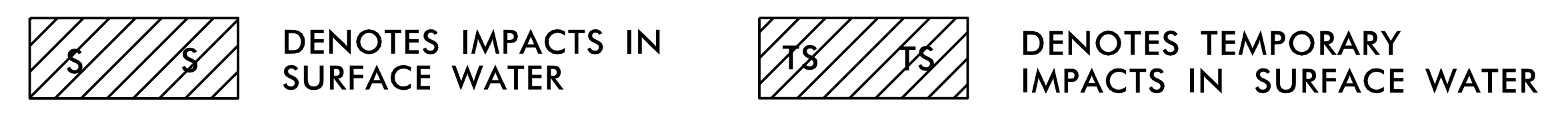
PROJECT REFERENCE NO. I-3802A	SHEET NO. 30
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	



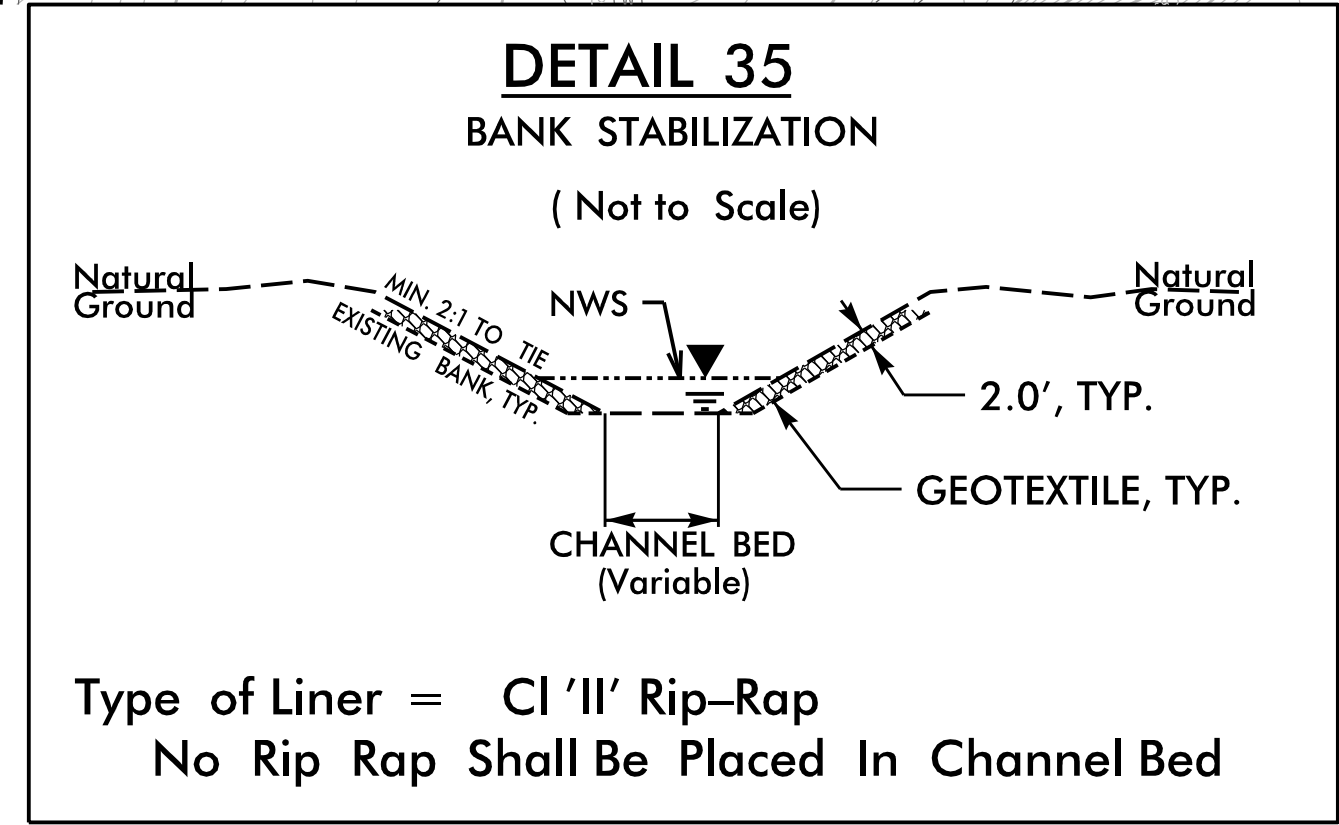
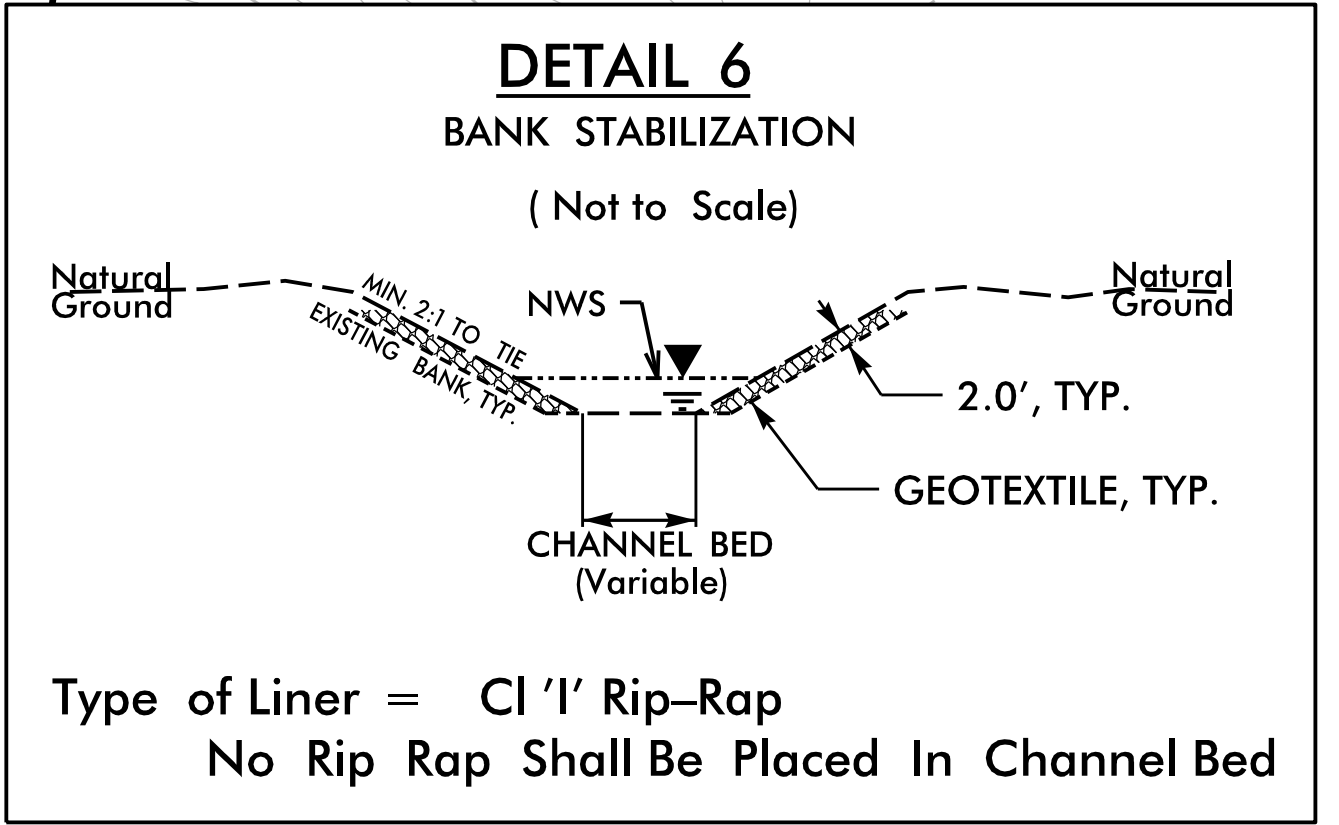
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1025 Wade Avenue
Raleigh, NC 27605
Tel: 919-789-9977
Fax: 919-789-9591
License: C-2197



PERMIT DRAWING
SHEET 100 OF 114



SEE SHEET 30A



SEE SHEET 30B

NOTES:
1. EXISTING PIPE MAY BE RETAINED FOR TEMPORARY DRAINAGE DURING CONSTRUCTION. ONCE PROPOSED DRAINAGE SYSTEM IS INSTALLED AND FUNCTIONING PIPE IS TO BE REMOVED. THE PORTION OF PIPE REMAINING UNDER NEW PAVEMENT IS TO BE PLUGGED AND THE FILLED WITH FLOWABLE FILL.

SEE SHEETS 76 & 77 FOR -LSB- & -LNB- PROFILES
SEE SHEET 92 FOR -Y13RPA- PROFILE

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1/27/2015
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