

8/17/99

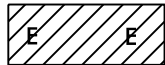
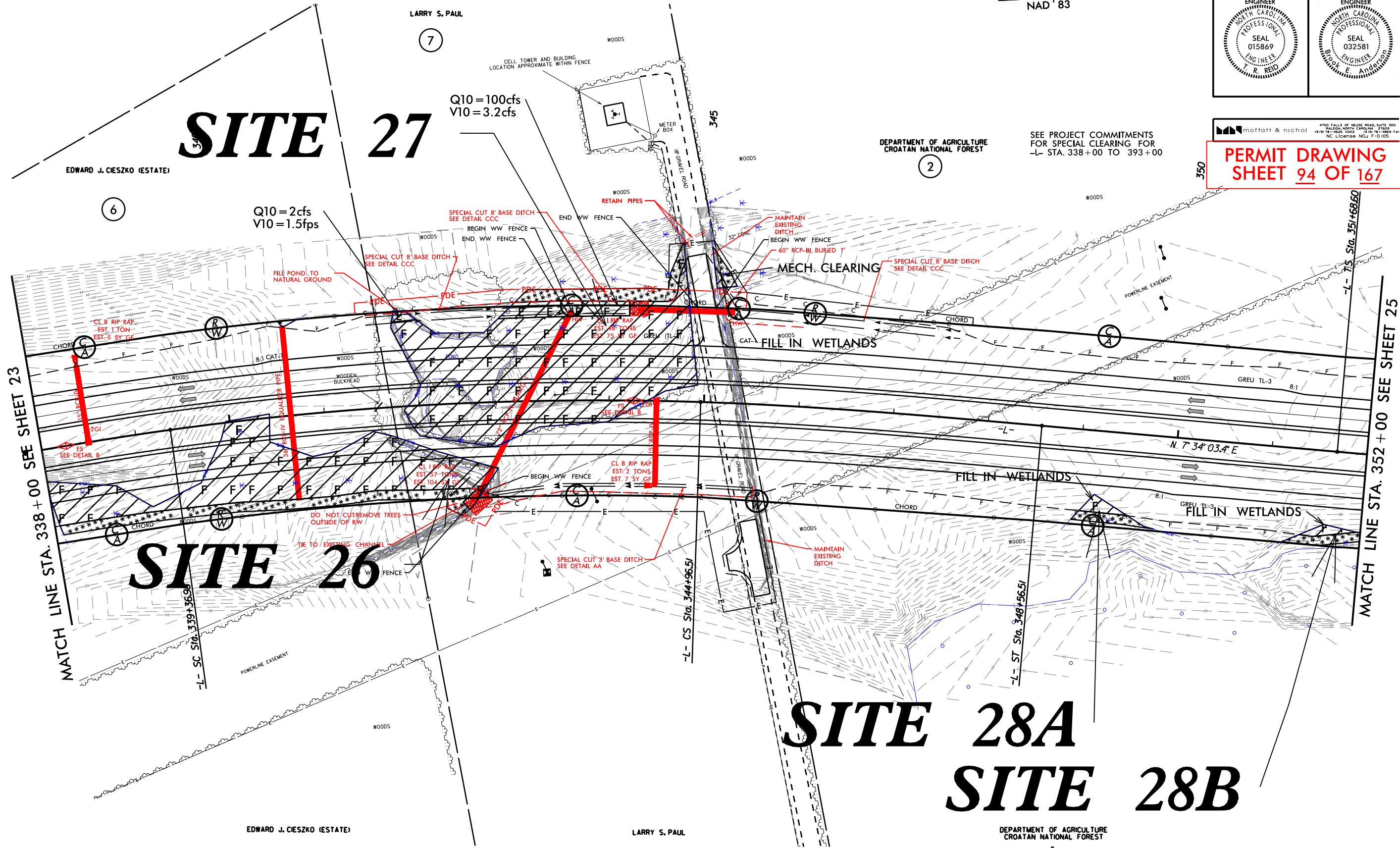
REVISIONS

11/15/2018
mgberry
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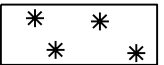
PROJECT REFERENCE NO.	SHEET NO.
R-1015	24
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
	

 4700 FALLS OF NEUSE ROAD, SUITE 300
RALEIGH, NORTH CAROLINA 27607
(919) 781-4626 VOICE (919) 781-4664 FAX
NC LICENSE NO. F-0105

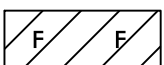
PERMIT DRAWING
SHEET 94 OF 167



DENOTES EXCAVATION
IN WETLAND



DENOTES MECHANIZED
CLEARING



DENOTES FILL IN
WETLAND

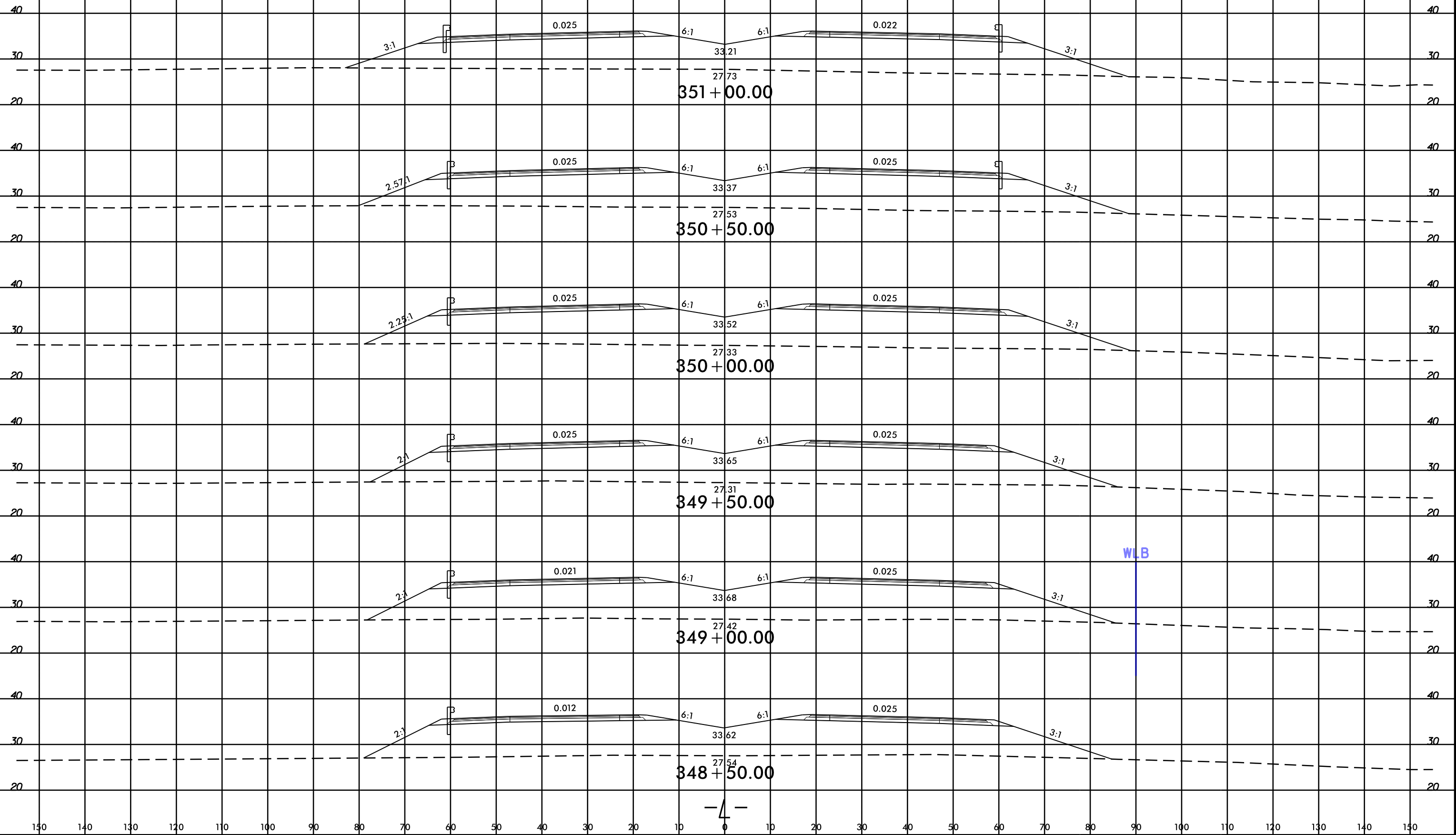


SEE SHEETS 61 FOR PROFILE -L-
SEE SHEETS 2D-1THRU 2D-2 FOR DRAINAGE DITCH DETAILS



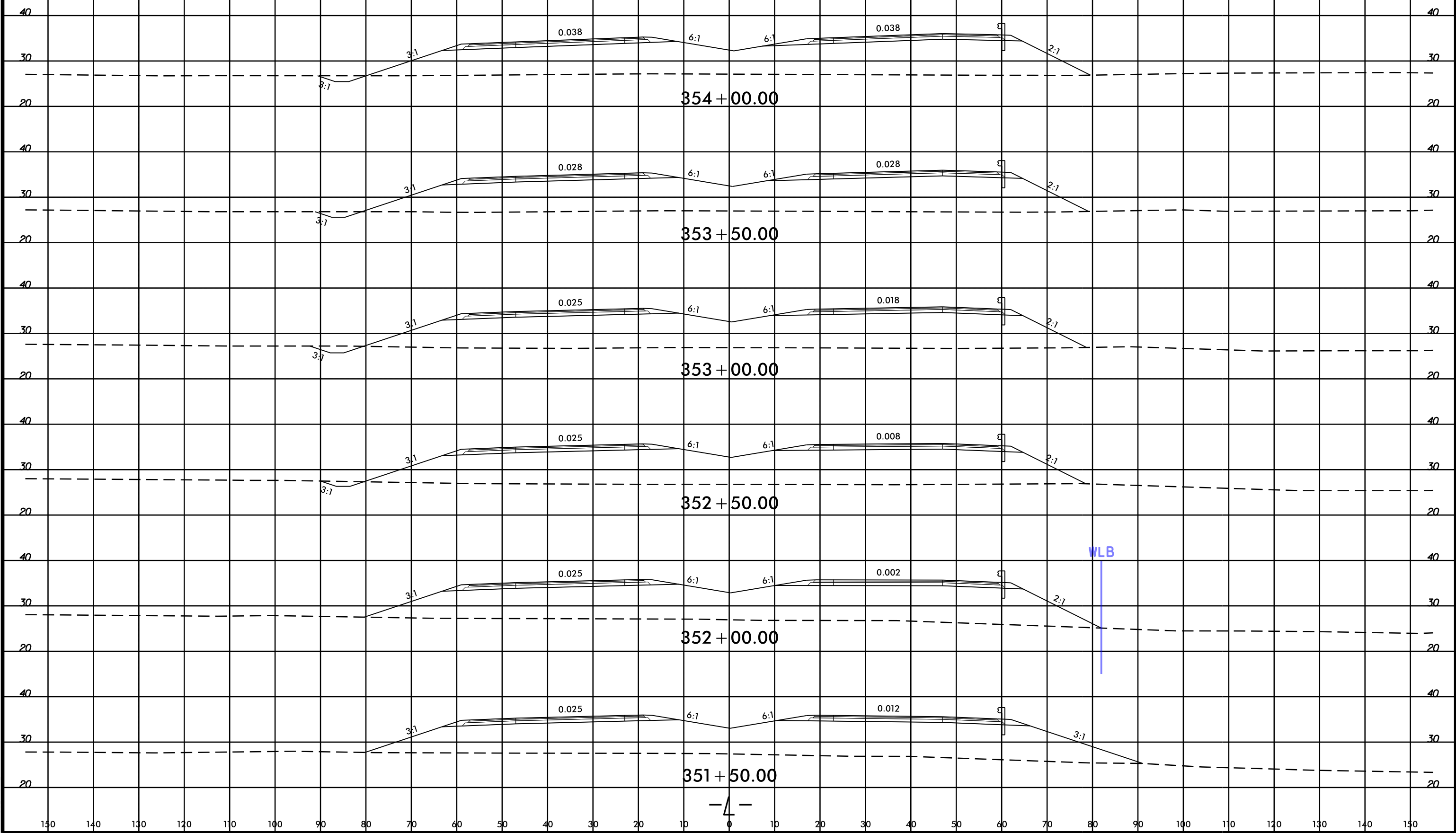
WETLAND AND SURFACE WATER IMPACTS PERMIT

PERMIT DRAWING
SHEET 97 OF 167



WETLAND AND SURFACE WATER IMPACTS PERMIT

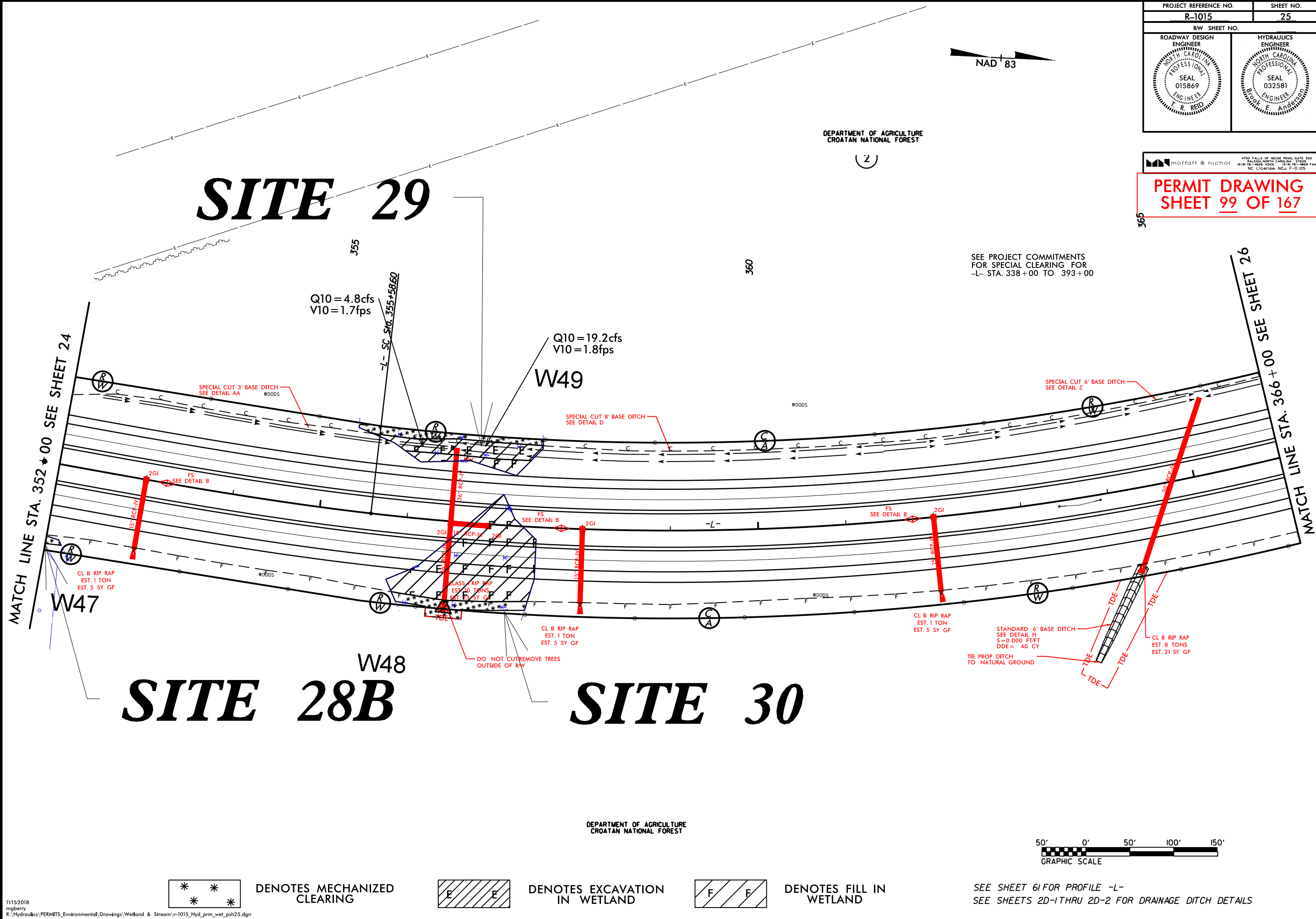
PERMIT DRAWING
SHEET 98 OF 167



8/17/99

REVISIONS
7/13/2018 - PARCEL 2 - CHANGED PDE TO TOE STATION -L- 356+30 TO 356+70 RT
PARCEL 2 - REVISED TOE STATION 367+50 TO 367+50 RT

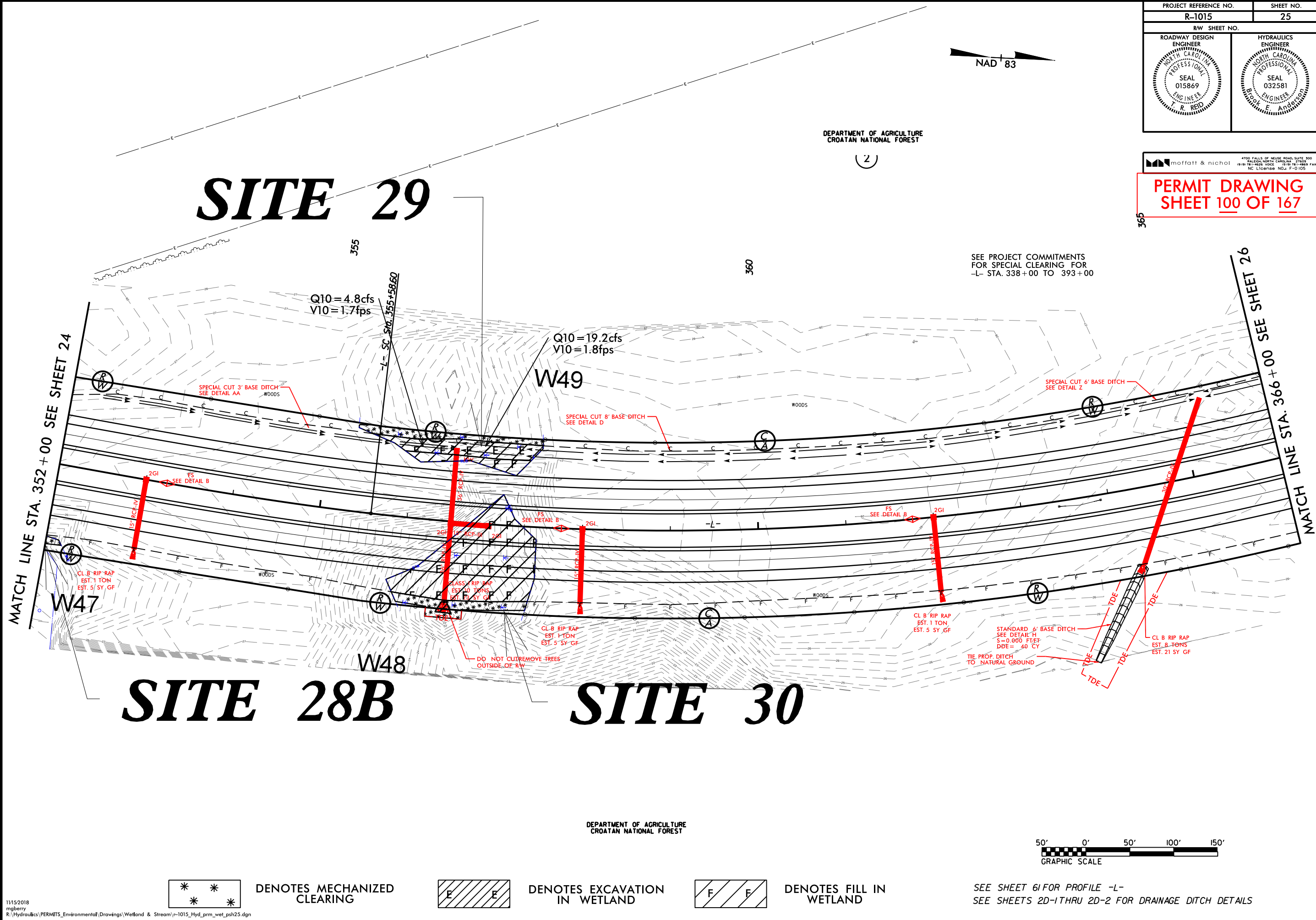
SYTIME
11/15/2018
mgberry
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8/17/99

REVISIONS
7/13/2018 - PARCEL 2 - CHANGED PDE TO TDE STATION 352+00 TO 356+70 RT
PARCEL 2 - REVISED TDE STATION 363+98 TO 364+50 RT

SYTIME
11/15/2018
mgberry
R:\Hydraulics\PERMITS_Environmental\Drawings\Wetland & Stream\1015_Hyd_prm_wet_psh25.dgn



DEPARTMENT OF AGRICULTURE
CROATAN NATIONAL FOREST

(2)

NAD 83

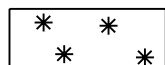
SEE PROJECT COMMITMENTS
FOR SPECIAL CLEARING FOR
-L- STA. 338+00 TO 393+00

PROJECT REFERENCE NO.	SHEET NO.
R-1015	25
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

moffatt & nichol
4700 FALLS OF NEUSE ROAD, SUITE 300
RALEIGH, NORTH CAROLINA 27609
(919) 781-4826 VOICE (919) 781-4884 FAX
NC LICENSE NO. F-0105

PERMIT DRAWING
SHEET 100 OF 167

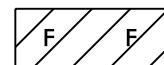
DEPARTMENT OF AGRICULTURE
CROATAN NATIONAL FOREST



DENOTES MECHANIZED
CLEARING



DENOTES EXCAVATION
IN WETLAND



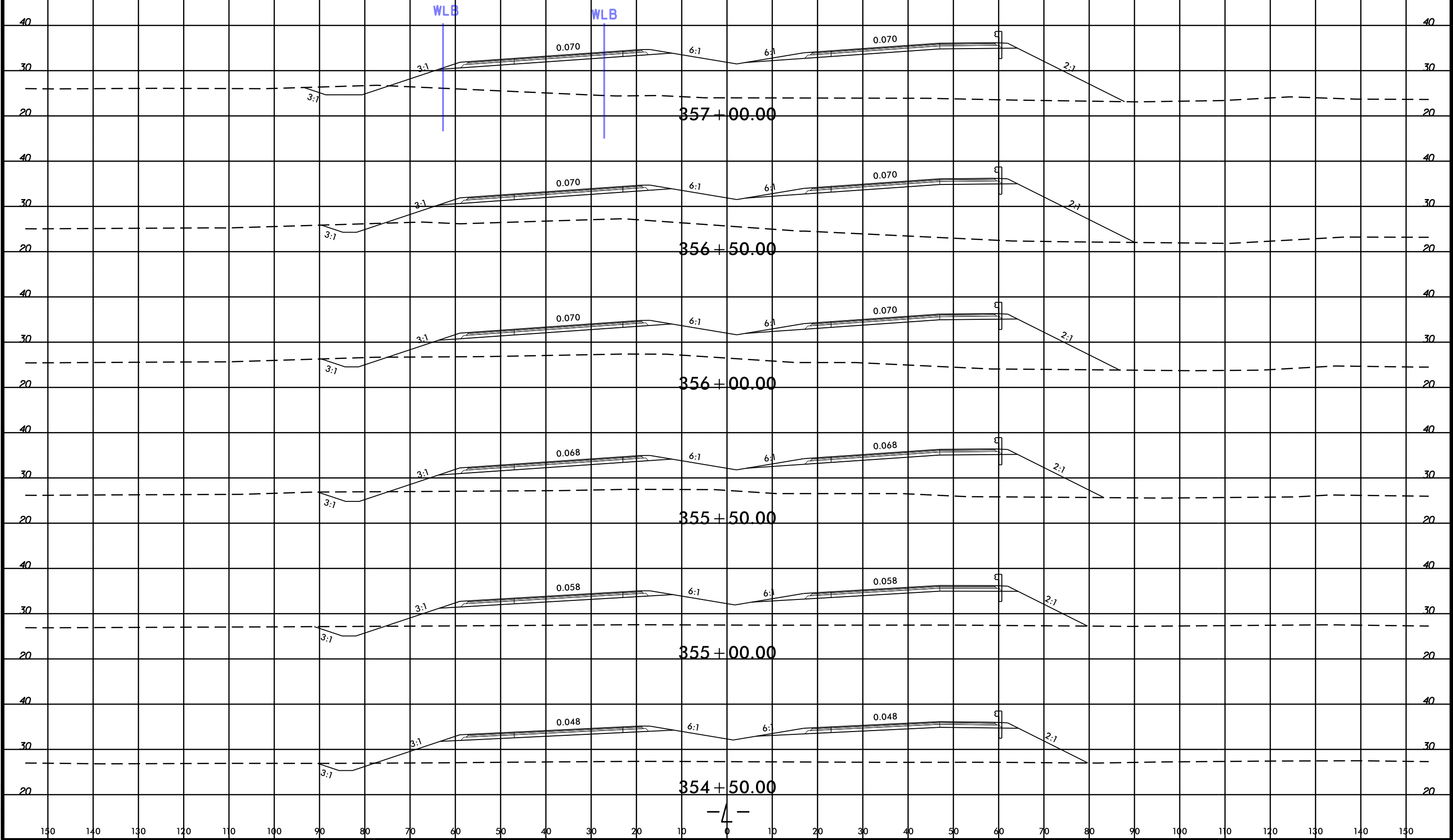
DENOTES FILL IN
WETLAND

SEE SHEET 61 FOR PROFILE -L-
SEE SHEETS 2D-1 THRU 2D-2 FOR DRAINAGE DITCH DETAILS

6/23/16

WETLAND AND SURFACE WATER IMPACTS PERMIT

PERMIT DRAWING
SHEET 101 OF 167



~~NAD 183~~

~~W51~~

SITE 31

W50

2

50' 0' 50' 100' 150'

GRAPHIC SCALE

SEE SHEETS 62 FOR PROFILE -L-
SEE SHEETS 2D-1 THRU 2D-2 FOR DRAINAGE DITCH DETAILS

DENOTES EXCAVATION
IN WETLAND

DENOTES MECHANIZED
CLEARING

DENOTES FILL IN
WETLAND

DATE	REVISIONS
7/13/2018	-
	PARCEL 2 - ELIMINATED PDE STATION -L- 369+50 TO 360+05 RT
	PARCEL 2 - ELIMINATED TCE STATION -L- 370+05 TO 377+00 RT
	PARCEL 2 - ADDED TCE STATION -L- 379+30 TO 380+00 RT
	PARCEL 2 - CHANGED TDE TO PDE AND REVISED AREA STATION -L- 378+35 TO 378+66 LT
	PARCEL 2 - REVISED TCE AREA STATION -L- 377+58 TO 378+80 LT

REVISIONS

11/15/2018
mgberry
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7/13/2018

REVISIONS

PARCEL 2 - ELIMINATED POE STATION -L- 369+50 TO 369+05 RT

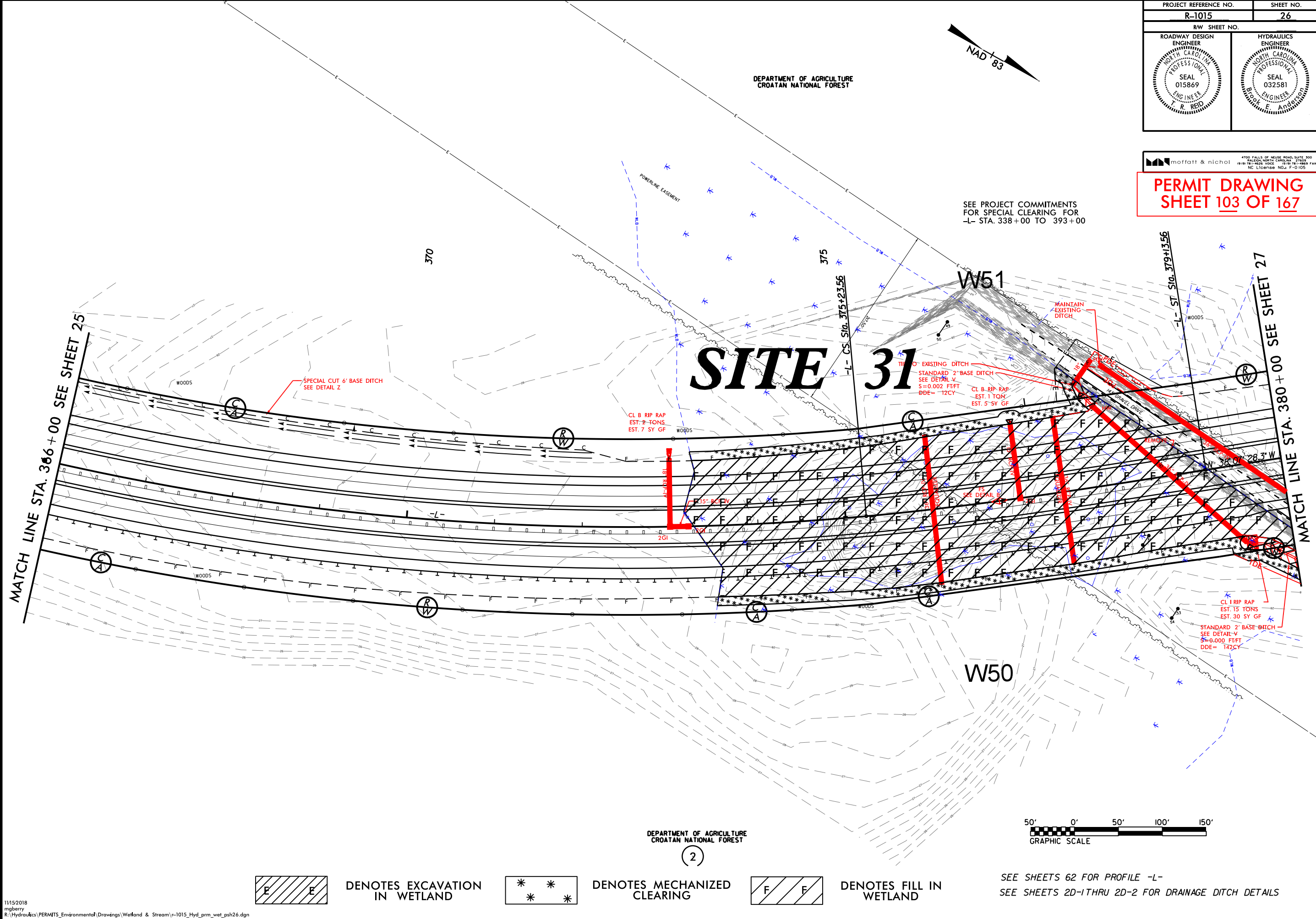
PARCEL 2 - ELIMINATED POE STATION -L- 370+05 TO 371+70 RT

PARCEL 2 - ADDED POE STATION -L- 371+30 TO 380+00 RT

PARCEL 2 - CHANGED POE TO POE AND REVISED AREA STATION -L- 378+35 TO 378+66 LT

PARCEL 2 - REVISED POE AREA STATION -L- 377+58 TO 378+80 LT

11/15/2018
mgberry
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PROJECT REFERENCE NO.
R-1015

SHEET NO.
26

R/W SHEET NO.

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 015869
T. R. REID

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 032581
Book E. Anderson

moffatt & nichol

4700 FALLS OF NEUSE ROAD, SUITE 300
RALEIGH, NORTH CAROLINA 27607
(919) 781-4826 VOICE (919) 781-4826 FAX
NC LICENSE NO. F-0105

PERMIT DRAWING

SHEET 103 OF 167

E

E

DENOTES EXCAVATION IN WETLAND

*

*

*

DENOTES MECHANIZED CLEARING

F

F

DENOTES FILL IN WETLAND

SEE SHEETS 62 FOR PROFILE -L-
SEE SHEETS 2D-1 THRU 2D-2 FOR DRAINAGE DITCH DETAILS

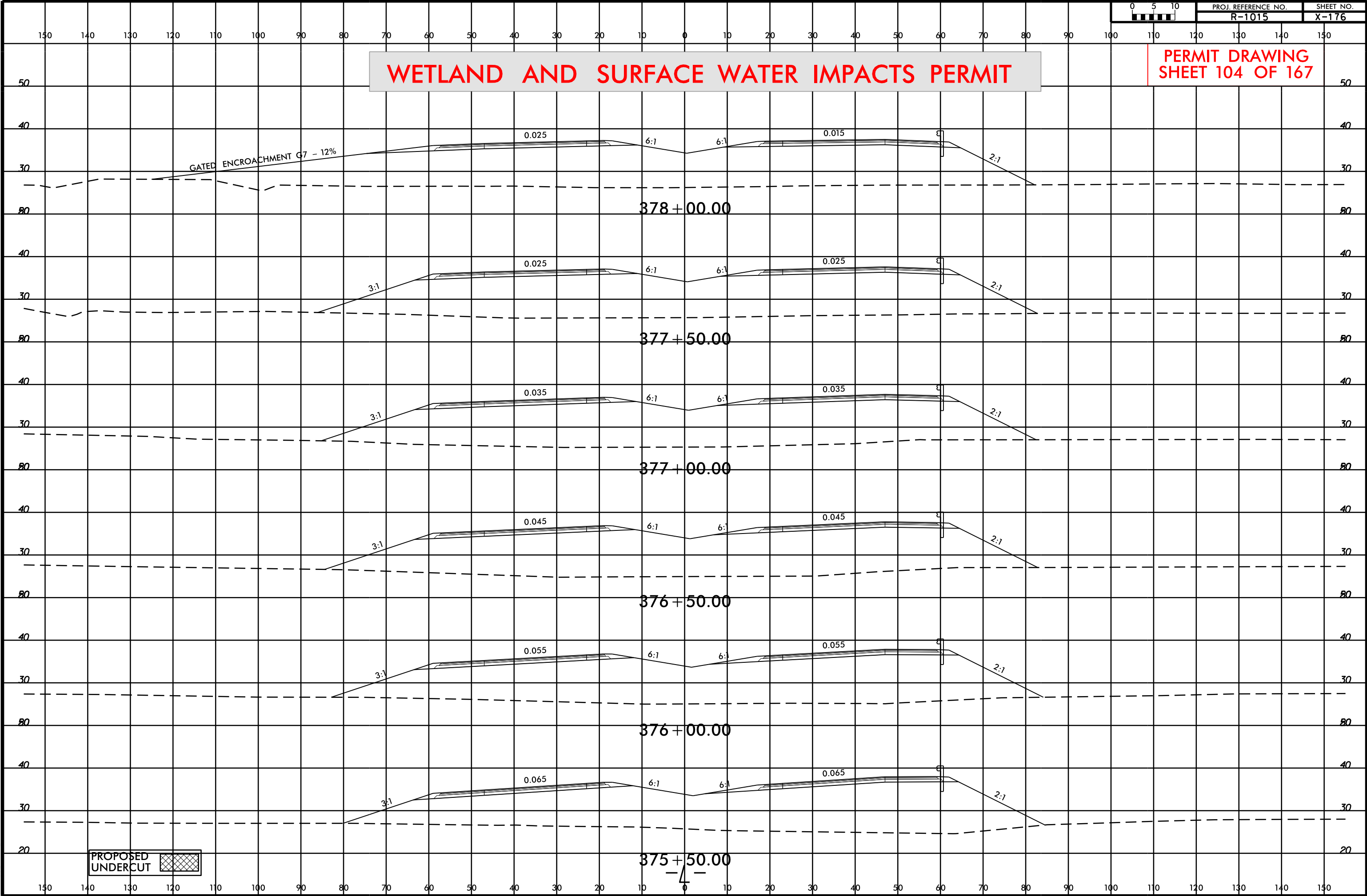
6/23/16



PROJ. REFERENCE NO.	SHEET NO.
R-1015	X-176

WETLAND AND SURFACE WATER IMPACTS PERMIT

PERMIT DRAWING
SHEET 104 OF 167



WEYERHAEUSER COMPANY

8

NAD 83

390

MATCH LINE STA. 394 + 00 SEE SHEET 28

SITE 31

DENOTES FILL IN
WETLAND

2

SEE SHEET 62 FOR PROFILE -L-
SEE SHEETS 2D-1 THRU 2D-2 FOR DRAINAGE DITCH DETAILS

11/15/2018
mgberry
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WEYERHAEUSER COMPANY

~~NAD +~~₈

W51

SITE 32

MATCH LINE STA. 380+00 SEE SHEET 26

FILL IN WETLANDS

CL I RIP RAP
EST. 15 TONS
EST. 30 SY GR

CL B RIP RA
EST. 1 TON
EST. 5 SY G

100

EST. 1 TON
EST. 5 SY C

-1- TS Stn 387+18.49

-1 - 300 + 14 10

SITE 31

DENOTES MECHANIZED
CLEARING

DENOTES FILL IN
WETLAND

DEPARTMENT OF AGRICULTURE
CROATIAN NATIONAL FOREST

2

50' 0' 50' 100' 150'

GRAPHIC SCALE

SEE SHEET 62 FOR PROFILE -L-
SEE SHEETS 2D-1 THRU 2D-2 FOR DRAINAGE DITCH DETAILS

REVISIONS	
7/13/2018	- PARCEL 2 - ADDED TDE STATION -L- 380+00 TO 381+12 RT PARCEL 2 - REVISED PDE AREA STATION -L- 381+12 TO 381+40 RT

8/17/99

\$\$\$SYSTEM\$\$\$\$\$
\$\$\$DCN\$\$\$\$\$

11/5/2018
mgberry
R:\Hydraulics\PERMITS_Environmental\Drawings\Wetland & Stream\1015_Hyd_prm_wet_psh27.dgn

8/17/99

REVISIONS

7/13/2018 - PARCEL 8 - REVISED ICE STATION -L- 402+60 TO 404+68 PT
PARCEL 8 - REVISED ICE STATION -L- 400+66 TO 403+68 PT

SYTIME\$\$\$\$\$
11/5/2018
mgberry
R:\Hydraulics\PERMITS_Environmental\Drawings\Wetland & Stream\1015_Hyd_prm_wet_psh28.dgn

MATCH LINE STA. 394 + 00 SEE SHEET 27

395
SITE 32
W62

WEYERHAUSER COMPANY

8

W62

-L- CS Sta. 395+70.37

-L- ST Sta. 398+66.37

-DRI- PC Sta. 10+48.90

-DRI- POT Sta. 10+00.00

-DRI- PT Sta. 10+96.04

-DRI- PT Sta. 13+48.23

-DRI- POT Sta. 13+78.96

-DRI- PC Sta. 12+99.96

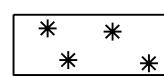
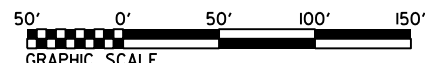
N 29° 51' 36.9" W

-L-

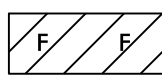
MATCH LINE STA. 408 + 00 SEE SHEET 29

PROJECT REFERENCE NO. R-1015		SHEET NO. 28	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER		SEAL 015869 T. R. REID	
NORTH CAROLINA PROFESSIONAL SEAL		NORTH CAROLINA PROFESSIONAL SEAL 032581 B. E. ANDERSON	

PERMIT DRAWING
SHEET 107 OF 167



DENOTES MECHANIZED
CLEARING



DENOTES FILL IN
WETLAND

SEE SHEETS 63 FOR PROFILE -L-
SEE SHEETS 91 FOR PROFILE -DRI-
SEE SHEETS 2D-1 THRU 2D-2 FOR DRAINAGE DITCH DETAILS

8/17/99

REVISIONS

7/13/2018 - PARCEL 8 - REVISED ICE STATION -L- 402+60 TO 404+68 PT
PARCEL 8 - REVISED ICE STATION -L- 406+66 TO 408+68 PT

SYTIME
R:\Hydraulics\PERMITS_Environmental\Drawings\Wetland & Stream\1015_Hyd_prm_wet_psh28.dgn
11/15/2018
mgberry

MATCH LINE STA. 394+00 SEE SHEET 27

395

SITE 32

W62

-L- CS Sta. 395+70.37

-L- ST Sta. 398+66.37

WEYERHAUSER COMPANY

8

400

NAD '83

-DRI- POT Sta. 10+00.00

-DRI- PT Sta. 10+96.04

-DRI- PC Sta. 10+48.90

-DRI- PT Sta. 13+48.23

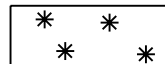
-DRI- PC Sta. 12+99.96

N 29° 51' 36.9" W

MATCH LINE STA. 408+00 SEE SHEET 29

50' 0' 50' 100' 150'
GRAPHIC SCALE

WEYERHAUSER COMPANY



DENOTES MECHANIZED
CLEARING



DENOTES FILL IN
WETLAND

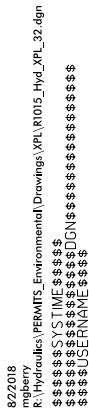
SEE SHEETS 63 FOR PROFILE -L-
SEE SHEETS 91 FOR PROFILE -DRI-
SEE SHEETS 2D-1 THRU 2D-2 FOR DRAINAGE DITCH DETAILS

PROJECT REFERENCE NO.	SHEET NO.
R-1015	28
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

moffatt & nichol
4700 FALLS OF NEUSE ROAD, SUITE 300
RALEIGH, NORTH CAROLINA 27607
(919) 781-4626 VOICE (919) 781-4664 FAX
NC LICENSE NO. F-0105

PERMIT DRAWING
SHEET 108 OF 167

PERMIT DRAWING
SHEET 109 OF 167



PERMIT DRAWING
SHEET 110 OF 167

SITE 33

MATCH LINE STA. 408+00 SEE SHEET 28

W66 ***SITE 34***

MATCH LINE STA. 422+00 SEE SHEET 30

REVISIONS

\$\$\$\$SYTIME\$\$\$\$
\$\$\$\$\$\$\$\$DGN\$\$\$\$\$\$\$\$

8/17/99

11/5/2018
mgberry
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WEYERHAUSER COMPANY

DENOTES MECHANIZED
CLEARING

DENOTES FILL IN WETLAND SEE SHEET 63 FOR PROFILE -L-
 SEE SHEETS 2D-1THRU 2D-2 FOR DRAINAGE DITCH DETAILS

50' 0' 50' 100' 150'

GRAPHIC SCALE

8/17/99

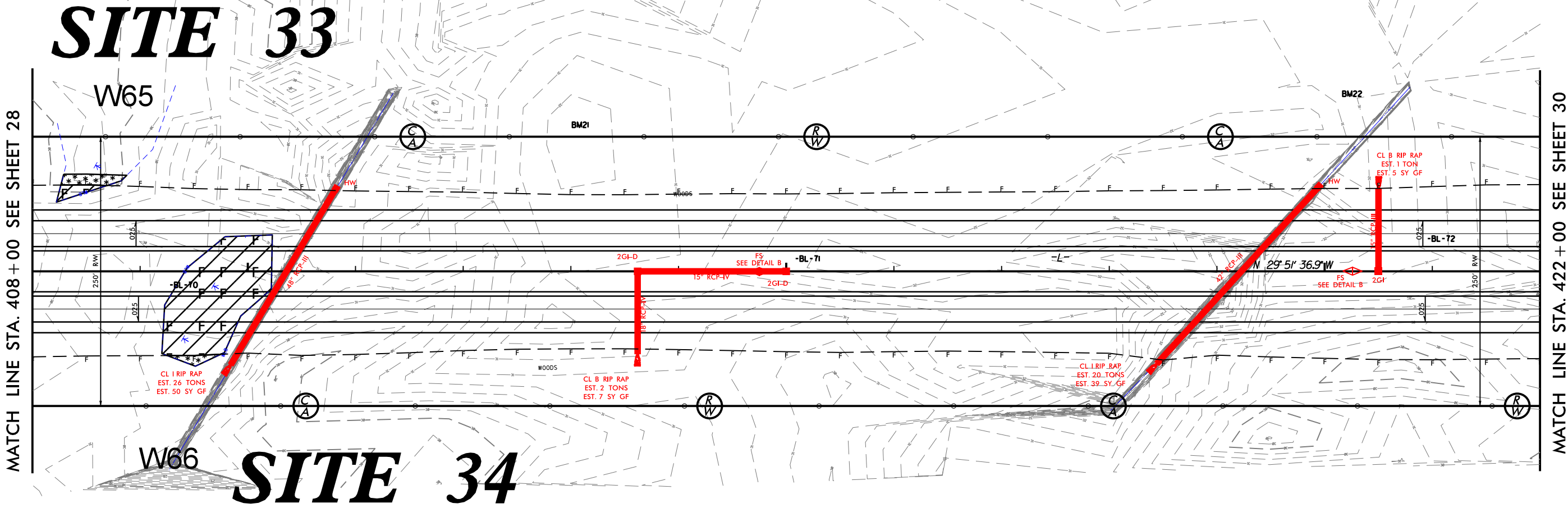
REVISIONS

11/15/2018
mgberry
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PROJECT REFERENCE NO. R-1015		SHEET NO. 29
RW SHEET NO.		
ROADWAY DESIGN ENGINEER NORTH CAROLINA PROFESSIONAL SEAL 015869 T. R. REID	HYDRAULICS ENGINEER NORTH CAROLINA PROFESSIONAL SEAL 032581 Book E. Anderson	

4700 FALLS OF NEUSE ROAD, SUITE 300
RALEIGH, NORTH CAROLINA 27607
(919) 781-4626 VOICE (919) 781-4664 FAX
NC LICENSE NO. F-0105

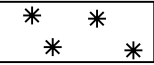
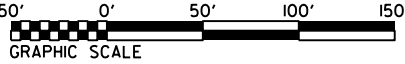
PERMIT DRAWING
SHEET 111 OF 167



MATCH LINE STA. 408+00 SEE SHEET 28

MATCH LINE STA. 422+00 SEE SHEET 30

WEYERHAUSER COMPANY



DENOTES MECHANIZED
CLEARING



DENOTES FILL IN
WETLAND

SEE SHEET 63 FOR PROFILE -L-
SEE SHEETS 2D-1 THRU 2D-2 FOR DRAINAGE DITCH DETAILS

PERMIT DRAWING
SHEET 112 OF 167

