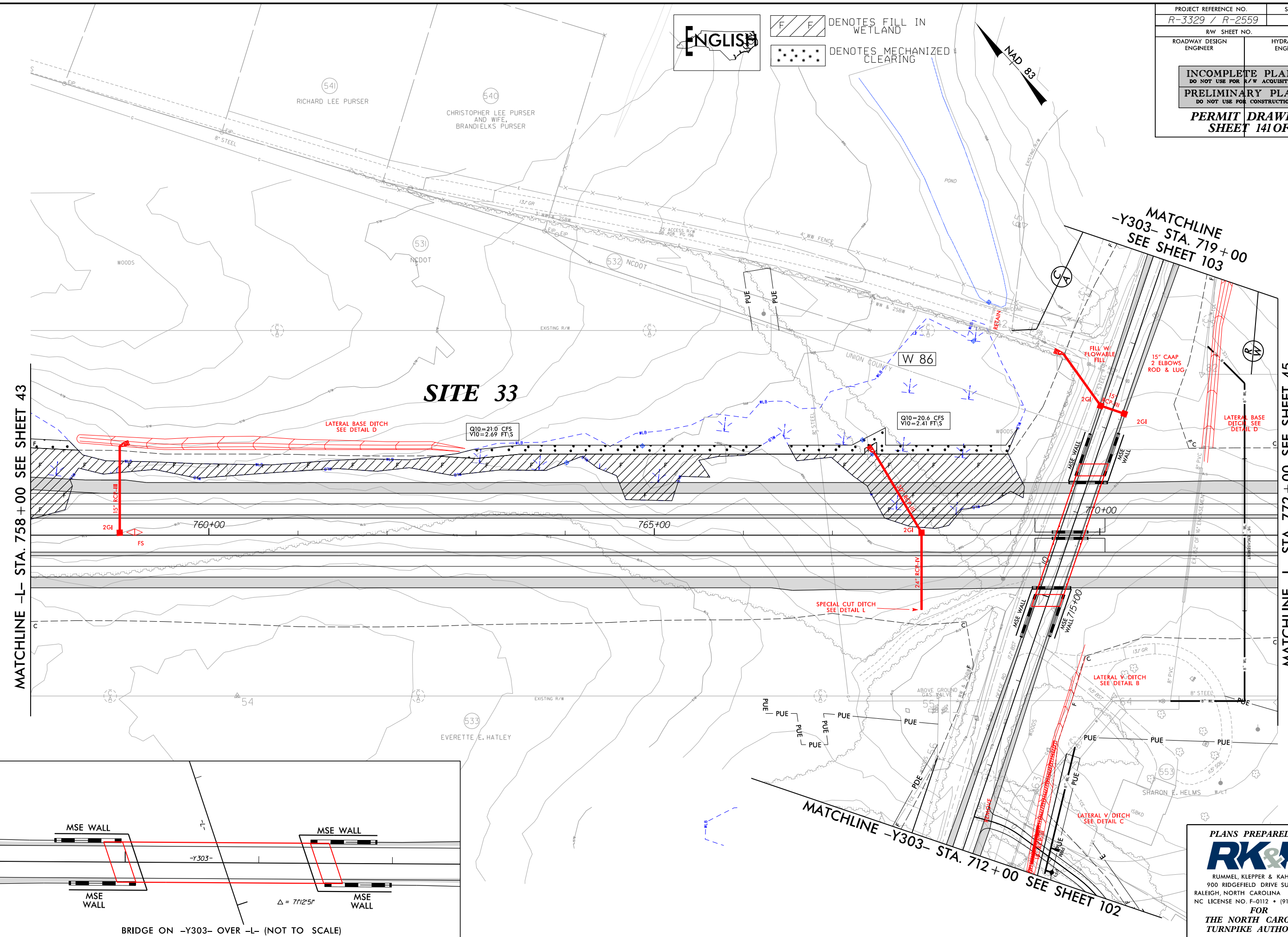




8/17/99
 R:\Hydrolics\PERMITS\Environmental\Drawings\Section2C\R3329_R2559_HYD_PRM_WET_PS+044.com.dgn
 8/29/2014
 R:\Hydrolics\PERMITS\Environmental\Drawings\Section2C\R3329_R2559_HYD_PRM_WET_PS+044.com.dgn

| | |
|--|---------------------|
| PROJECT REFERENCE NO. R-3329 / R-2559 | SHEET NO. 44 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
| INCOMPLETE PLANS DO NOT USE FOR A/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION PERMIT DRAWING SHEET 141 OF 267 | |

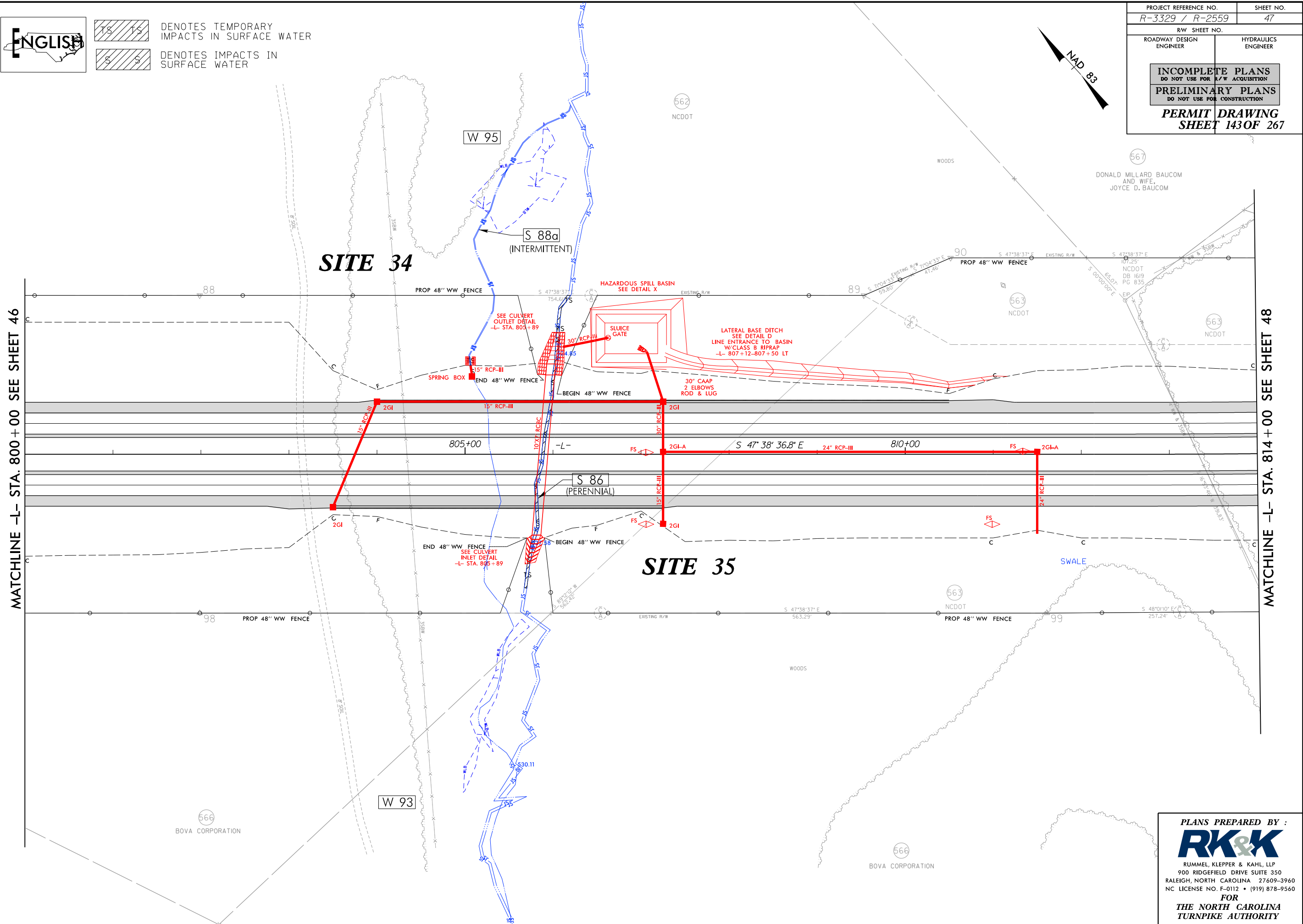
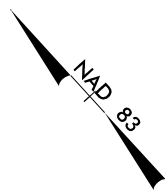


8/17/99



 DENOTES TEMPORARY IMPACTS IN SURFACE WATER
 DENOTES IMPACTS IN SURFACE WATER


| | |
|--|---------------------|
| PROJECT REFERENCE NO. R-3329 / R-2559 | SHEET NO. 47 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
| INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION | |
| PERMIT DRAWING SHEET 143 OF 267 | |



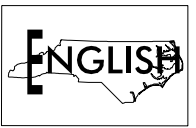
MATCHLINE -L- STA. 800 + 00 SEE SHEET 46

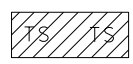
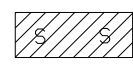
MATCHLINE -L- STA. 814 + 00 SEE SHEET 48

R:\Hydro\lics\PERMITS_Environmental\Drawings\Section2C\R3329_R2559_HYD_PRM_WET_PSH047.dgn

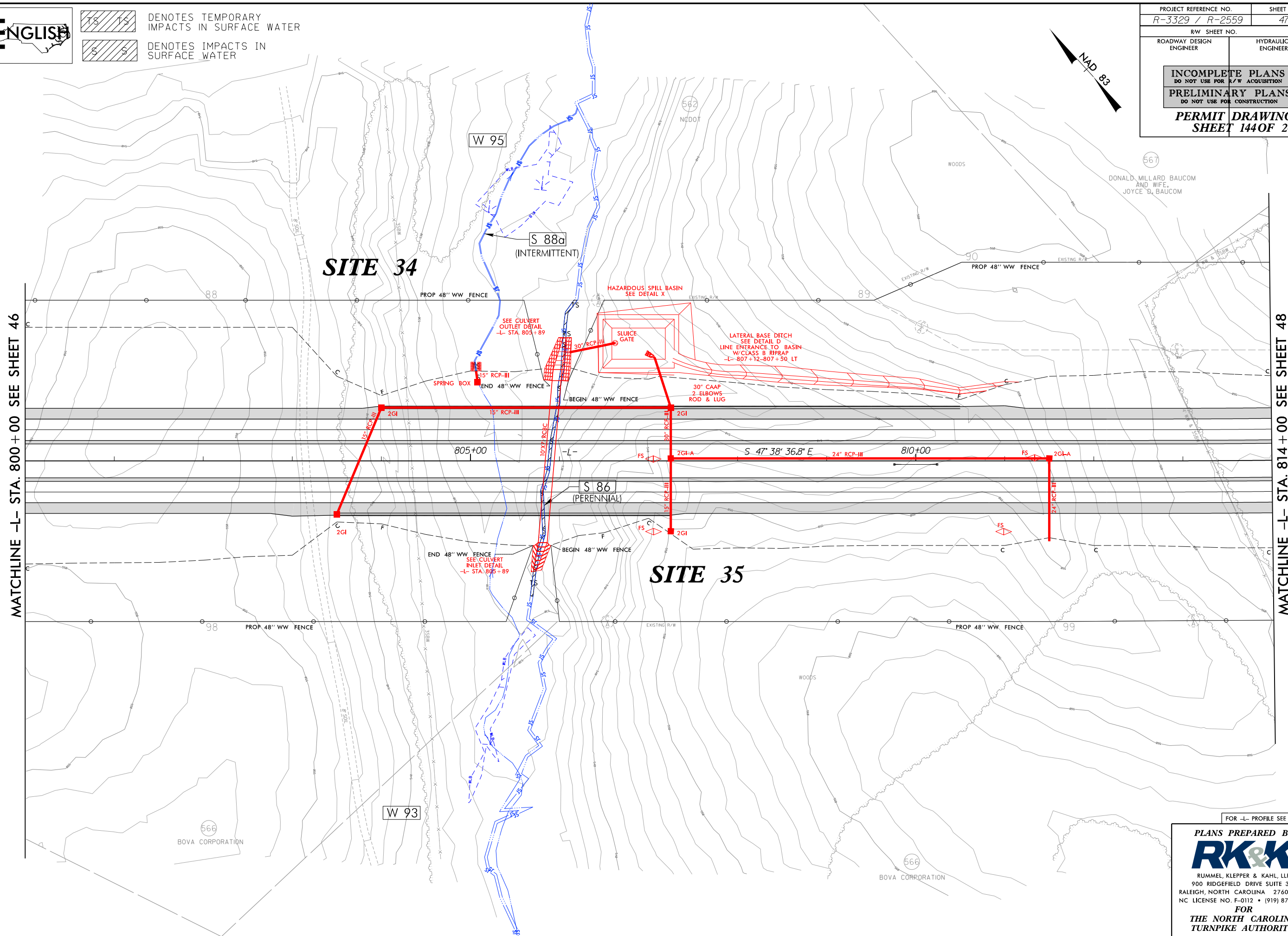
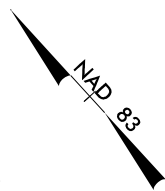
PLANS PREPARED BY :

 RUMMEL, KLEPPER & KAHL, LLP
 900 RIDGEFIELD DRIVE SUITE 350
 RALEIGH, NORTH CAROLINA 27609-3960
 NC LICENSE NO. F-0112 • (919) 878-9560
FOR
THE NORTH CAROLINA
TURNPIKE AUTHORITY

8/17/99



 DENOTES TEMPORARY IMPACTS IN SURFACE WATER
 DENOTES IMPACTS IN SURFACE WATER

| | |
|--|---------------------|
| PROJECT REFERENCE NO. R-3329 / R-2559 | SHEET NO. 47 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
| INCOMPLETE PLANS DO NOT USE FOR A/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION | |
| PERMIT DRAWING SHEET 144 OF 267 | |




MATCHLINE -L- STA. 800 + 00 SEE SHEET 46

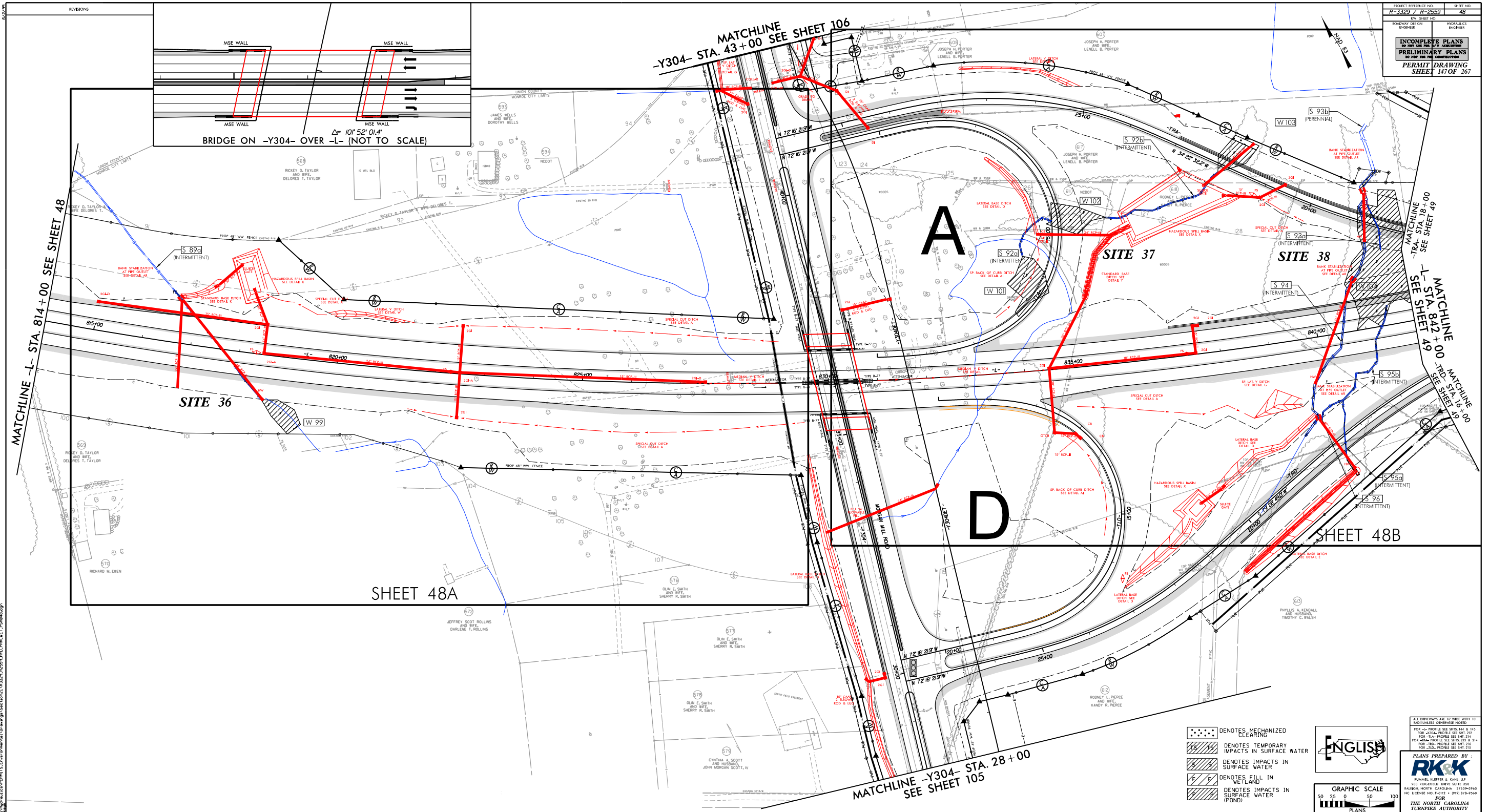
MATCHLINE -L- STA. 814 + 00 SEE SHEET 48

R:\Hydro\lics\PERMITS_Environmental\Drawings\Section2C\R3329_R2559_HYD_PRM_WET_PSH047_.com.dgn

FOR -L- PROFILE SEE SHT. 144

PLANS PREPARED BY :

 RUMMEL, KLEPPER & KAHL, LLP
 900 RIDGEFIELD DRIVE SUITE 350
 RALEIGH, NORTH CAROLINA 27609-3960
 NC LICENSE NO. F-0112 • (919) 878-9560
FOR
THE NORTH CAROLINA
TURNPIKE AUTHORITY

PROJECT REFERENCE NO. H-3329 / H-2559 SHEET NO. 48
ROADWAY DESIGN ENGINEER HYDRAULICS ENGINEER
INCOMPLETE PLANS
DO NOT USE FOR CONSTRUCTION
PRELIMINARY PLANS
PERMIT DRAWING
SHEET 147 OF 267



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

ENGLISH

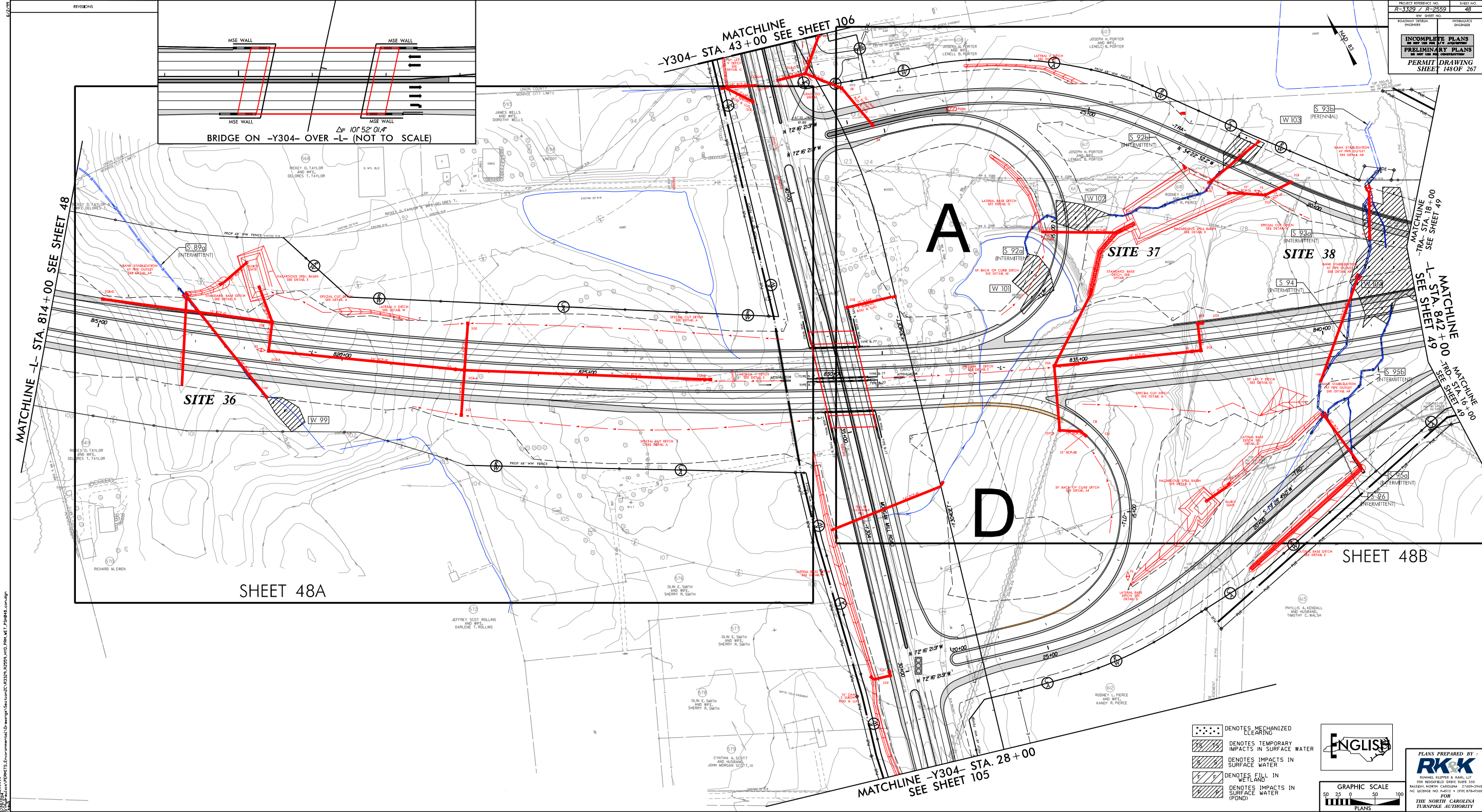
GRAPHIC SCALE
0 25 50 100
PLANS

ALL DIMENSIONS ARE 16' WIDE WITH 10' HORIZONTAL CORNER RADIUS
FOR 20' PROFILES SEE SHEETS 144 & 145
FOR 24' PROFILES SEE SHEET 217
FOR 30' PROFILES SEE SHEETS 218 & 219
FOR 36' PROFILES SEE SHEETS 220 & 221
FOR 42' PROFILES SEE SHEETS 222 & 223

PLANS PREPARED BY:
RK&K
RUMBLE, KEEFER & KAHN, LLP
1101 RESEARCH DRIVE, SUITE 200
KANSAS CITY, MISSOURI 64116
TEL: (816) 451-1000
FAX: (816) 451-1001
WWW.RK&K.COM

THE NORTH CAROLINA TURNPIKE AUTHORITY

PROJECT: I-85 HOV-3 LANEWAY IMPROVEMENTS FROM STA. 10+00 TO STA. 102+00
DATE: 08/20/2014
DRAWN BY: J. WILSON
CHECKED BY: J. WILSON
PROJECT ENGINEER: J. WILSON



PROJECT REFERENCE NO. R-3329 / R-2559
 SHEET NO. 48
 ROADWAY DESIGN ENGINEER
 HYDROLOGIC ENGINEER
 INCOMPLETE PLANS
 PRELIMINARY PLANS
 PERMIT DRAWING
 SHEET 148 OF 267

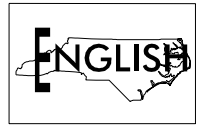
| | |
|--|--|
| | DENOTES MECHANIZED CLEARING |
| | DENOTES TEMPORARY IMPACTS IN SURFACE WATER |
| | DENOTES IMPACTS IN SURFACE WATER |
| | DENOTES FILL IN WETLAND |
| | DENOTES IMPACTS IN SURFACE WATER (POND) |

GRAPHIC SCALE
 0 25 50 100
 FEET
 PLANS

ENGLISH

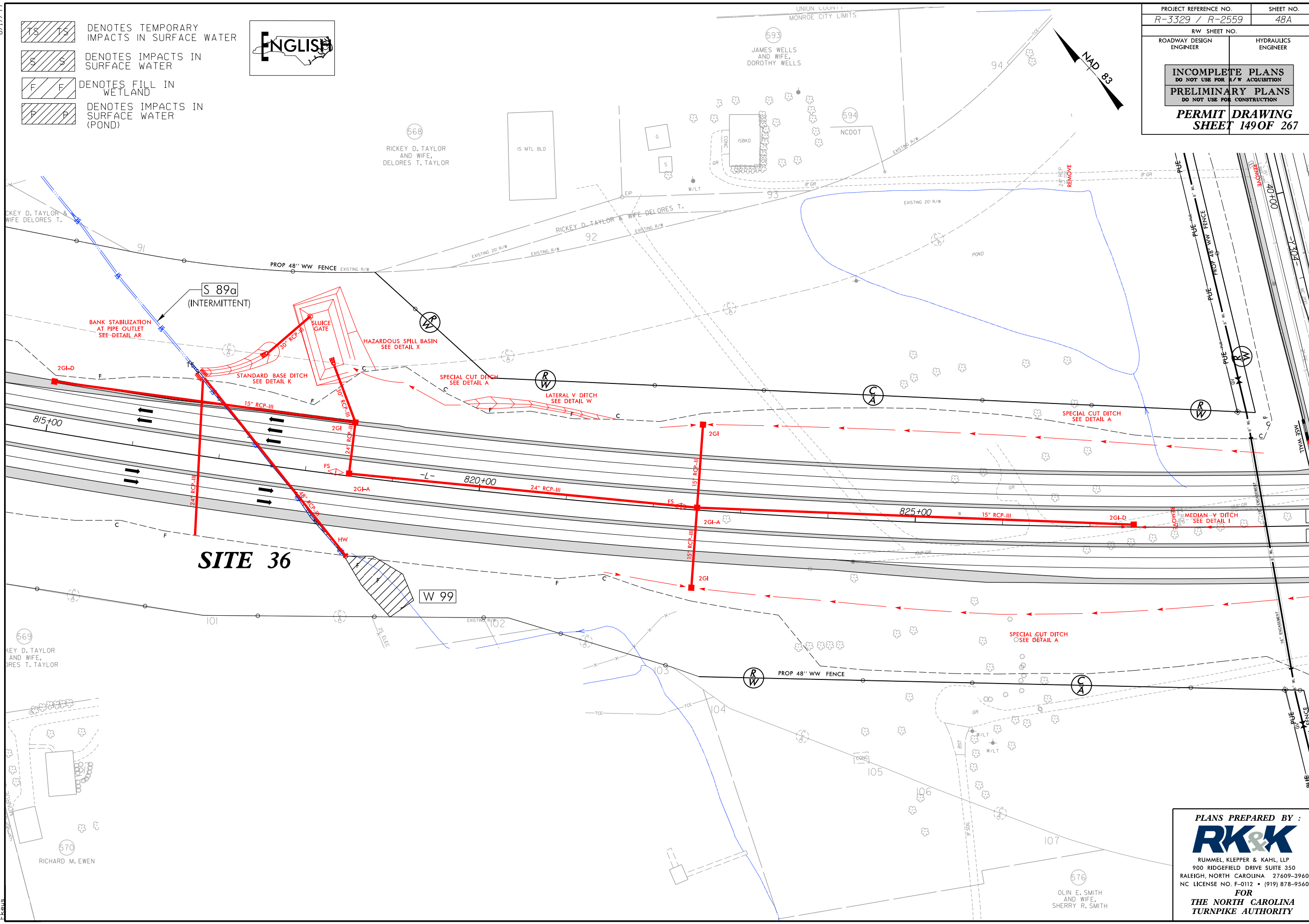
PLANS PREPARED BY:
RK&K
 RUMMEL KLEPPER & KAHN, LLP
 100 WOODFIELD DRIVE SUITE 330
 RALEIGH, NORTH CAROLINA 27609-2940
 NC LICENSE NO. 14517 - CIVIL ENGINEER
 FOR
 THE NORTH CAROLINA
 TURNPIKE AUTHORITY

- DENOTES TEMPORARY IMPACTS IN SURFACE WATER
- DENOTES IMPACTS IN SURFACE WATER
- DENOTES FILL IN WETLAND
- DENOTES IMPACTS IN SURFACE WATER (POND)



| | | | |
|--|--|---------------------|--|
| PROJECT REFERENCE NO. R-3329 / R-2559 | | SHEET NO. 48A | |
| RW SHEET NO. | | | |
| ROADWAY DESIGN ENGINEER | | HYDRAULICS ENGINEER | |
| INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION | | | |
| PERMIT DRAWING SHEET 149 OF 267 | | | |

8/17/99
 R:\Hydro\lics\PERMITS_Environmental\Drawings\Section2C\R3329_HYD_PRM_WET_PSH048A.dgn
 8/29/2014

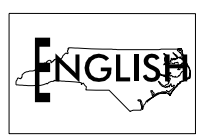


PLANS PREPARED BY :

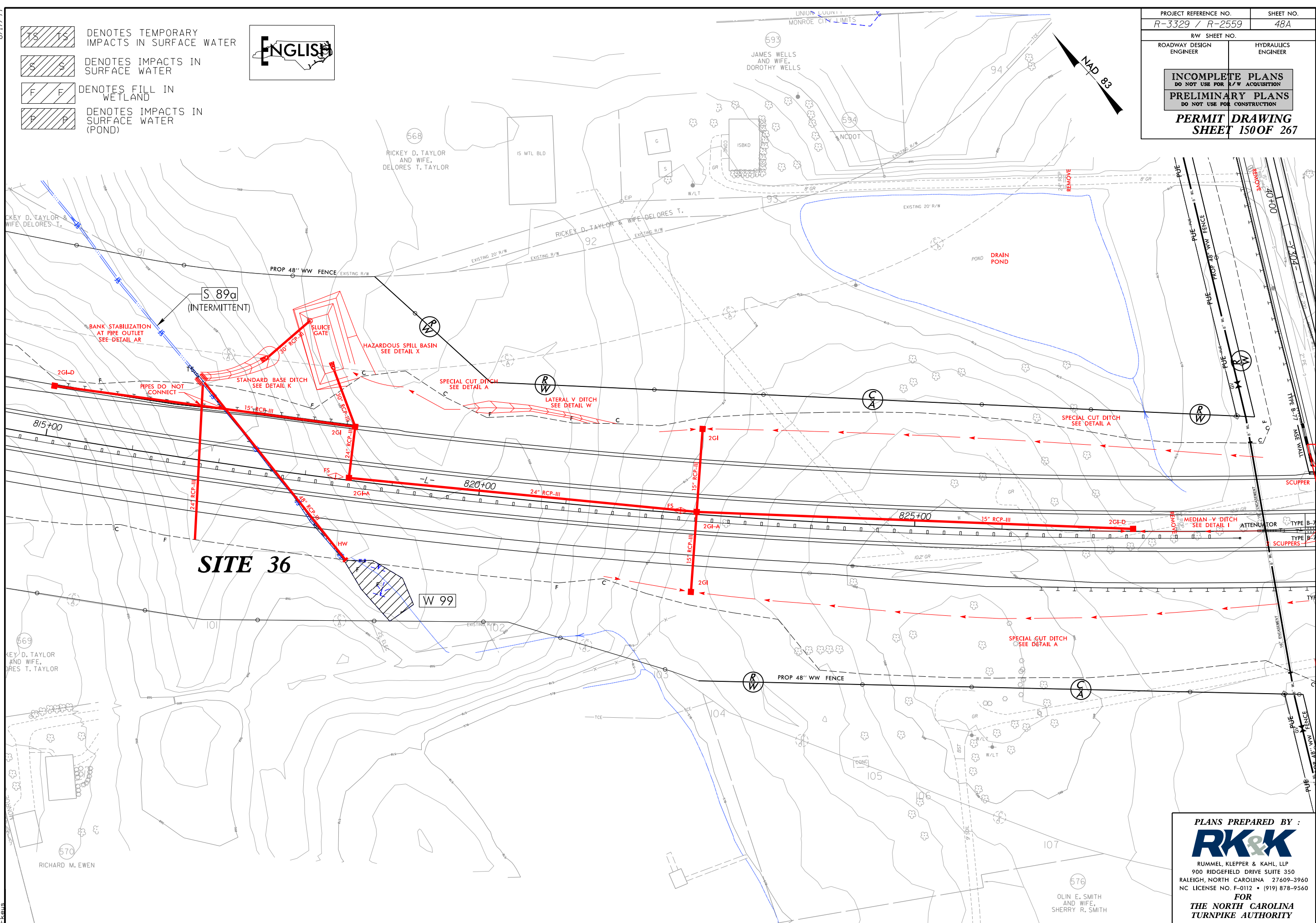
 RUMMEL, KLEPPER & KAHL, LLP
 900 RIDGEFIELD DRIVE SUITE 350
 RALEIGH, NORTH CAROLINA 27609-3960
 NC LICENSE NO. F-0112 • (919) 878-9560
 FOR
 THE NORTH CAROLINA
 TURNPIKE AUTHORITY

8/17/99
8/29/2014
R:\Hydro\lics\PERMITS_Environmental\Drawings\Section2C\R3329_R2559_HYD_PRM_WET_PS1048A_con.dgn

- DENOTES TEMPORARY IMPACTS IN SURFACE WATER
- DENOTES IMPACTS IN SURFACE WATER
- DENOTES FILL IN WETLAND
- DENOTES IMPACTS IN SURFACE WATER (POND)



| | |
|---|---------------------|
| PROJECT REFERENCE NO. R-3329 / R-2559 | SHEET NO. 48A |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
| INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION | |
| PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION | |
| PERMIT DRAWING SHEET 150 OF 267 | |

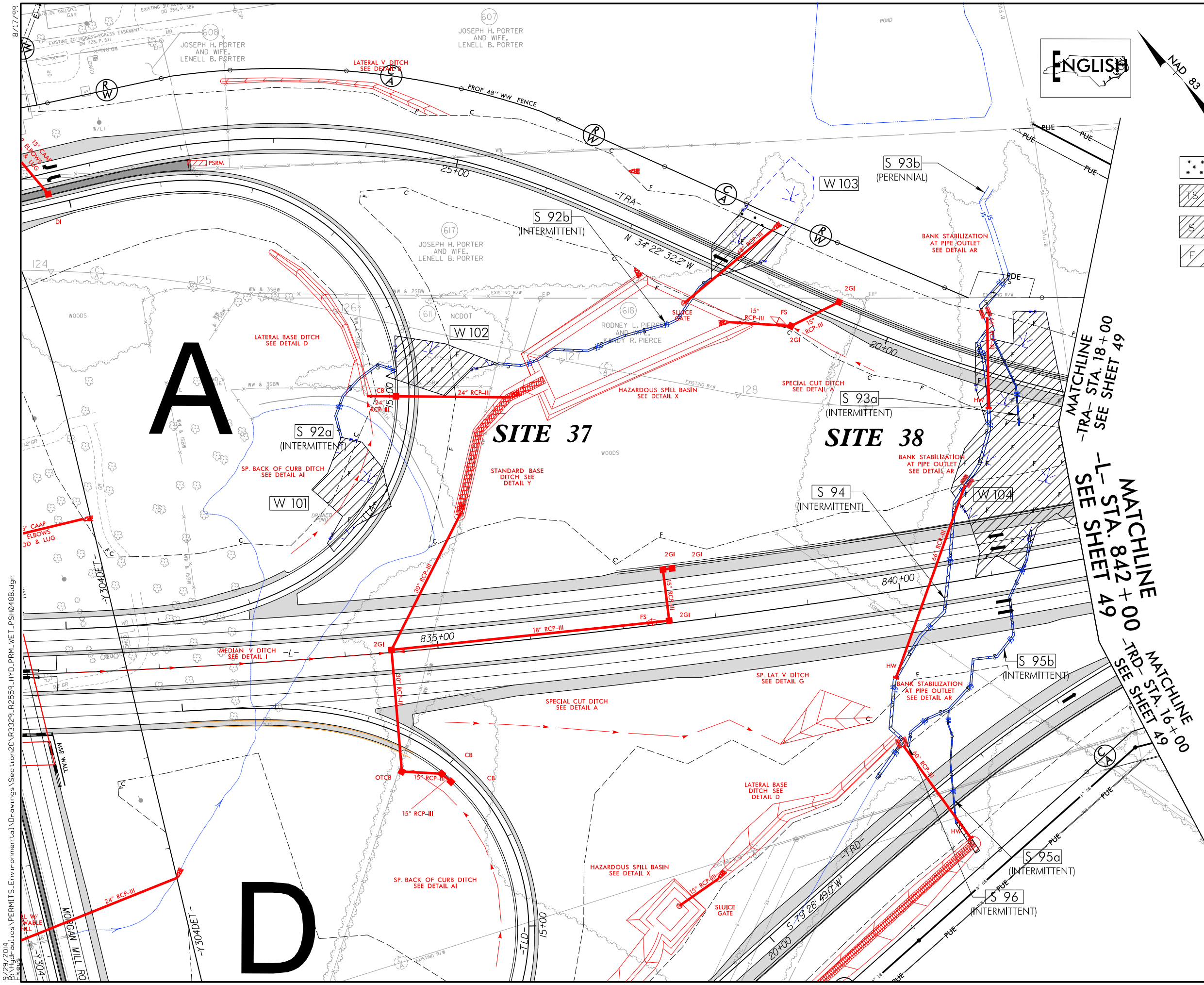


PLANS PREPARED BY :
RK&K
RUMMEL, KLEPPER & KAHL, LLP
900 RIDGEFIELD DRIVE SUITE 350
RALEIGH, NORTH CAROLINA 27609-3960
NC LICENSE NO. F-0112 • (919) 878-9560
FOR
THE NORTH CAROLINA
TURNPIKE AUTHORITY

| | |
|--|---------------------|
| PROJECT REFERENCE NO. R-3329 / R-2559 | SHEET NO. 48B |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
| INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION PERMIT DRAWING SHEET 152 OF 267 | |



- DENOTES MECHANIZED CLEARING
- DENOTES TEMPORARY IMPACTS IN SURFACE WATER
- DENOTES IMPACTS IN SURFACE WATER
- DENOTES FILL IN WETLAND



A

D

SITE 37

SITE 38

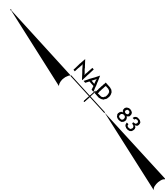
MATCHLINE -TRA- STA. 18+00 SEE SHEET 49
 MATCHLINE -L- STA. 842+00 SEE SHEET 49
 MATCHLINE -TRD- STA. 16+00 SEE SHEET 49





PLANS PREPARED BY :

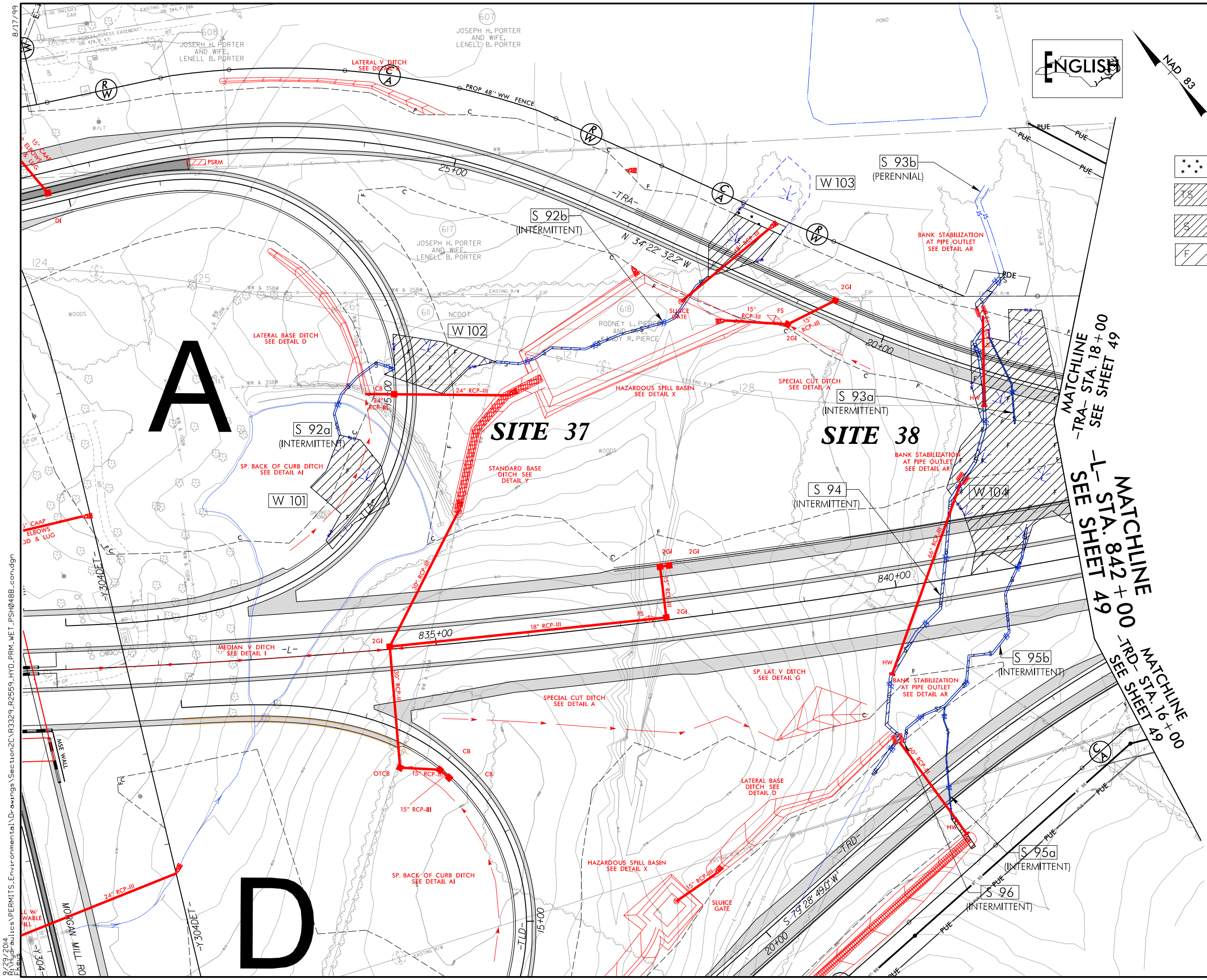
 RUMMEL, KLEPPER & KAHL, LLP
 900 RIDGFIELD DRIVE SUITE 350
 RALEIGH, NORTH CAROLINA 27609-3960
 NC LICENSE NO. F-0112 • (919) 878-9560
FOR
THE NORTH CAROLINA
TURNPIKE AUTHORITY

R:\Hydro\Permits\Environmental\Drawings\Section2C\R3329_R2559_HYD_PRM_WET_PS\H048B.dgn
 8/29/2014
 R:\Hydro\Permits\Environmental\Drawings\Section2C\R3329_R2559_HYD_PRM_WET_PS\H048B.dgn


| | |
|--|---------------------|
| PROJECT REFERENCE NO. R-3329 / R-2559 | SHEET NO. 48B |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
| INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION PERMIT DRAWING SHEET 153 OF 267 | |



-  DENOTES MECHANIZED CLEARING
-  DENOTES TEMPORARY IMPACTS IN SURFACE WATER
-  DENOTES IMPACTS IN SURFACE WATER
-  DENOTES FILL IN WETLAND



R:\Hydraulics\PERMITS_Environmental\Drawings\Section2C\R3329_R2559_HYD_PRM_WET_PS1048B_con.dgn
 8/29/2014
 11:30 AM
 MOGAN WILL RD
 -Y304-
 -Y304DET-
 MSE WALL
 11' W/ WABILE HILL
 -Y304-

PLANS PREPARED BY :

 RUMMEL, KLEPPER & KAHL, LLP
 900 RIDGFIELD DRIVE SUITE 350
 RALEIGH, NORTH CAROLINA 27609-3960
 NC LICENSE NO. F-0112 • (919) 878-9560
FOR
THE NORTH CAROLINA
TURNPIKE AUTHORITY

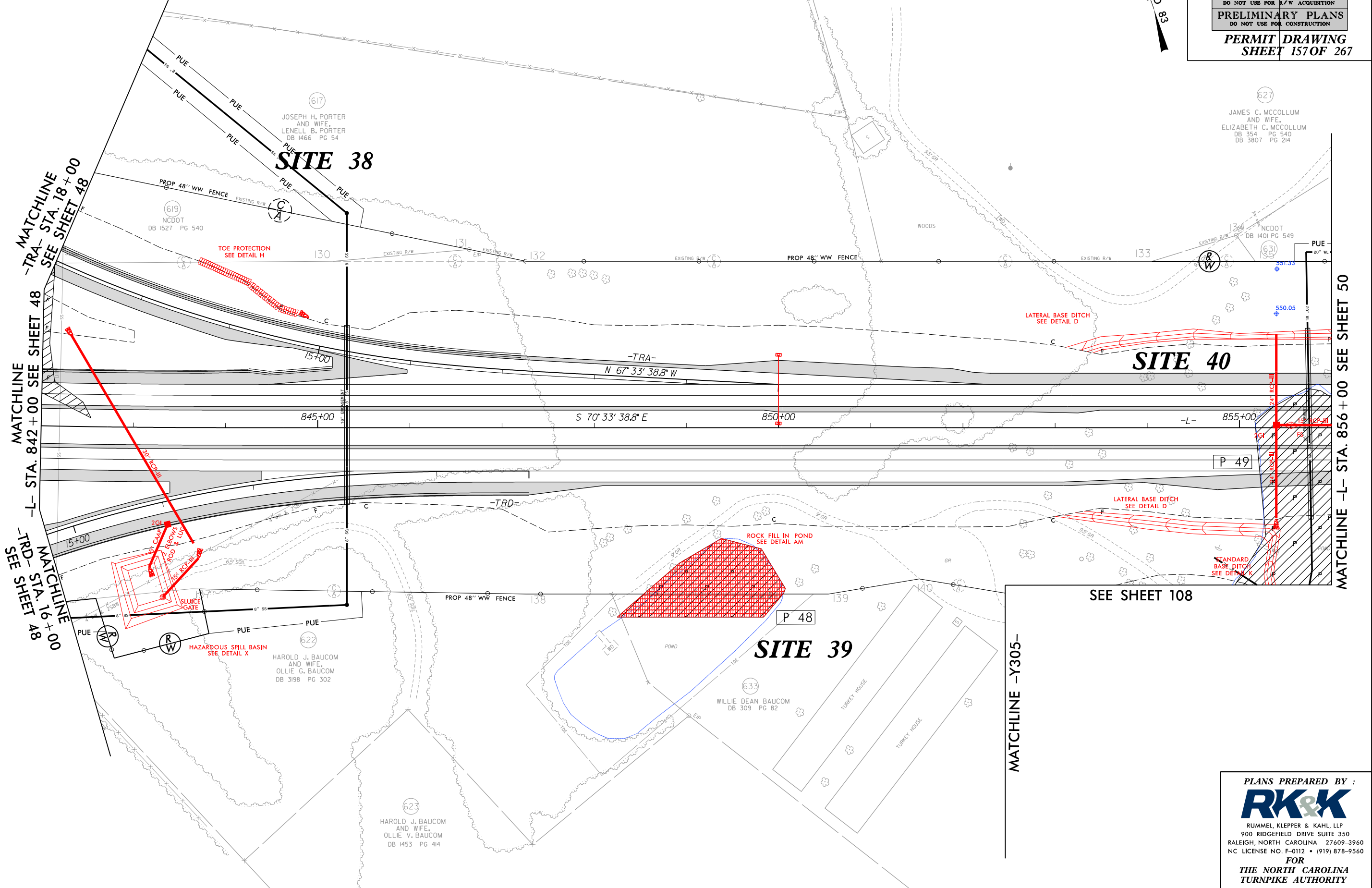
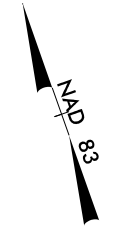
8/17/99
C:\Users\Public\Documents\Drawings\Section2C\R3329_R2559_HYD_PRR_WET_PSH049.dgn
\$\$\$\$\$TIME\$\$\$\$\$
R:\Users\Public\Documents\PERMITS_Environmental\Drawings\Section2C\R3329_R2559_HYD_PRR_WET_PSH049.dgn

ENGLISH

| | |
|--|---|
| | DENOTES FILL IN WETLAND |
| | DENOTES IMPACTS IN SURFACE WATER (POND) |

607
JOSEPH H. PORTER AND WIFE,
LENELL B. PORTER
DB 923 PG 308

| | |
|--|---------------------|
| PROJECT REFERENCE NO. R-3329 / R-2559 | SHEET NO. 49 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
| INCOMPLETE PLANS DO NOT USE FOR A/W ACQUISITION | |
| PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION | |
| PERMIT DRAWING SHEET 157 OF 267 | |



PLANS PREPARED BY :

RUMMEL, KLEPPER & KAHL, LLP
900 RIDGEFIELD DRIVE SUITE 350
RALEIGH, NORTH CAROLINA 27609-3960
NC LICENSE NO. F-0112 • (919) 878-9560

FOR
THE NORTH CAROLINA
TURNPIKE AUTHORITY

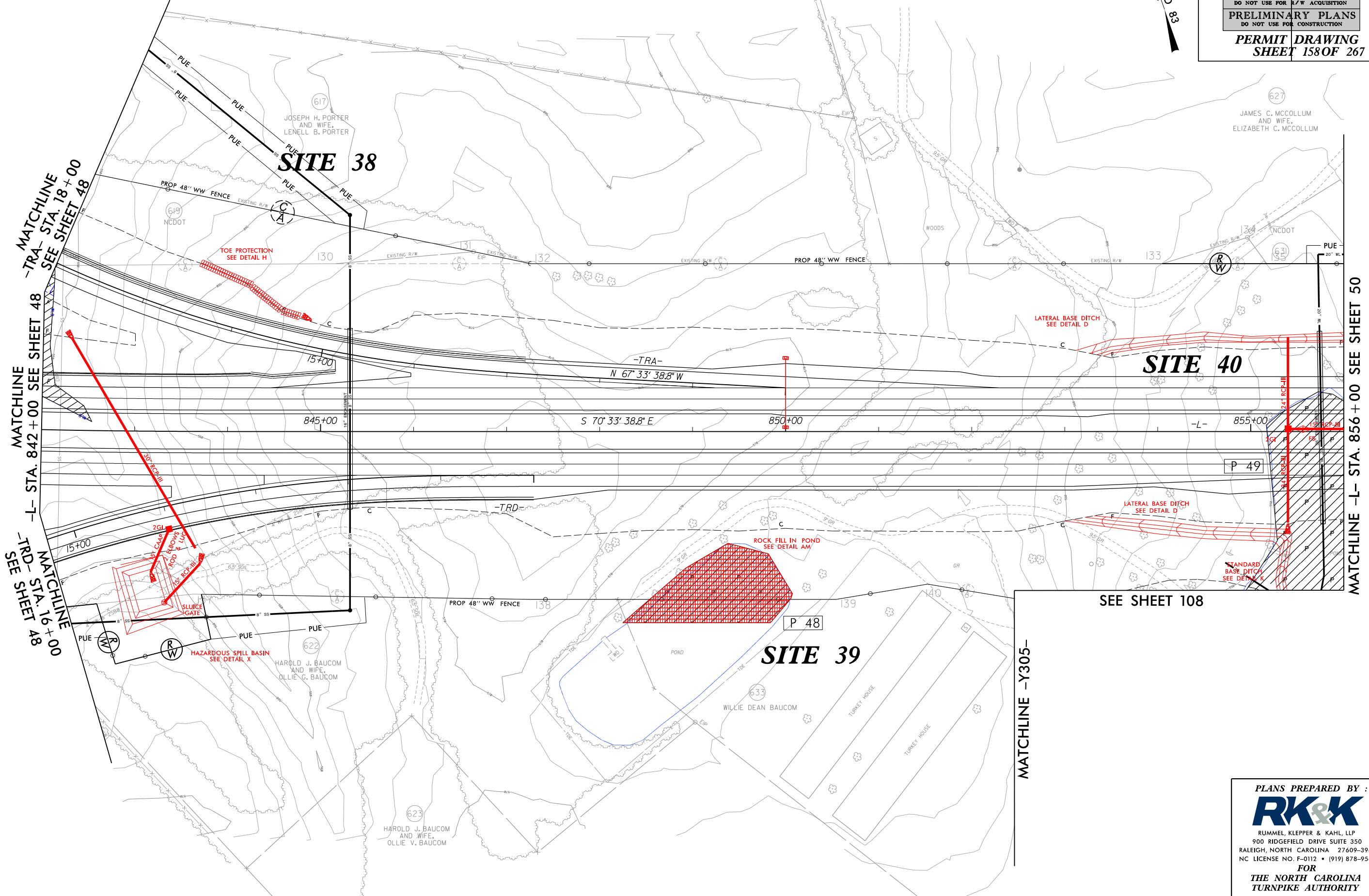
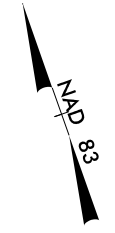
8/17/99
C:\Users\Public\Documents\Section2C\R3329_R2559_HYD_PRM_WET_PSH049.cmn.dgn
\$\$\$\$\$TIME\$\$\$\$\$
R:\Hydro\Public\PERMITS_Environmental\Drawings\Section2C\R3329_R2559_HYD_PRM_WET_PSH049.cmn.dgn



DENOTES FILL IN WETLAND
 DENOTES IMPACTS IN SURFACE WATER (POND)

607
JOSEPH H. PORTER AND WIFE,
LENELL B. PORTER

| | |
|--|---------------------|
| PROJECT REFERENCE NO. R-3329 / R-2559 | SHEET NO. 49 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
| INCOMPLETE PLANS DO NOT USE FOR A/W ACQUISITION | |
| PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION | |
| PERMIT DRAWING SHEET 158 OF 267 | |

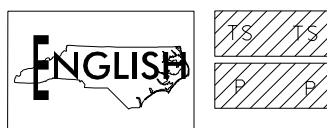
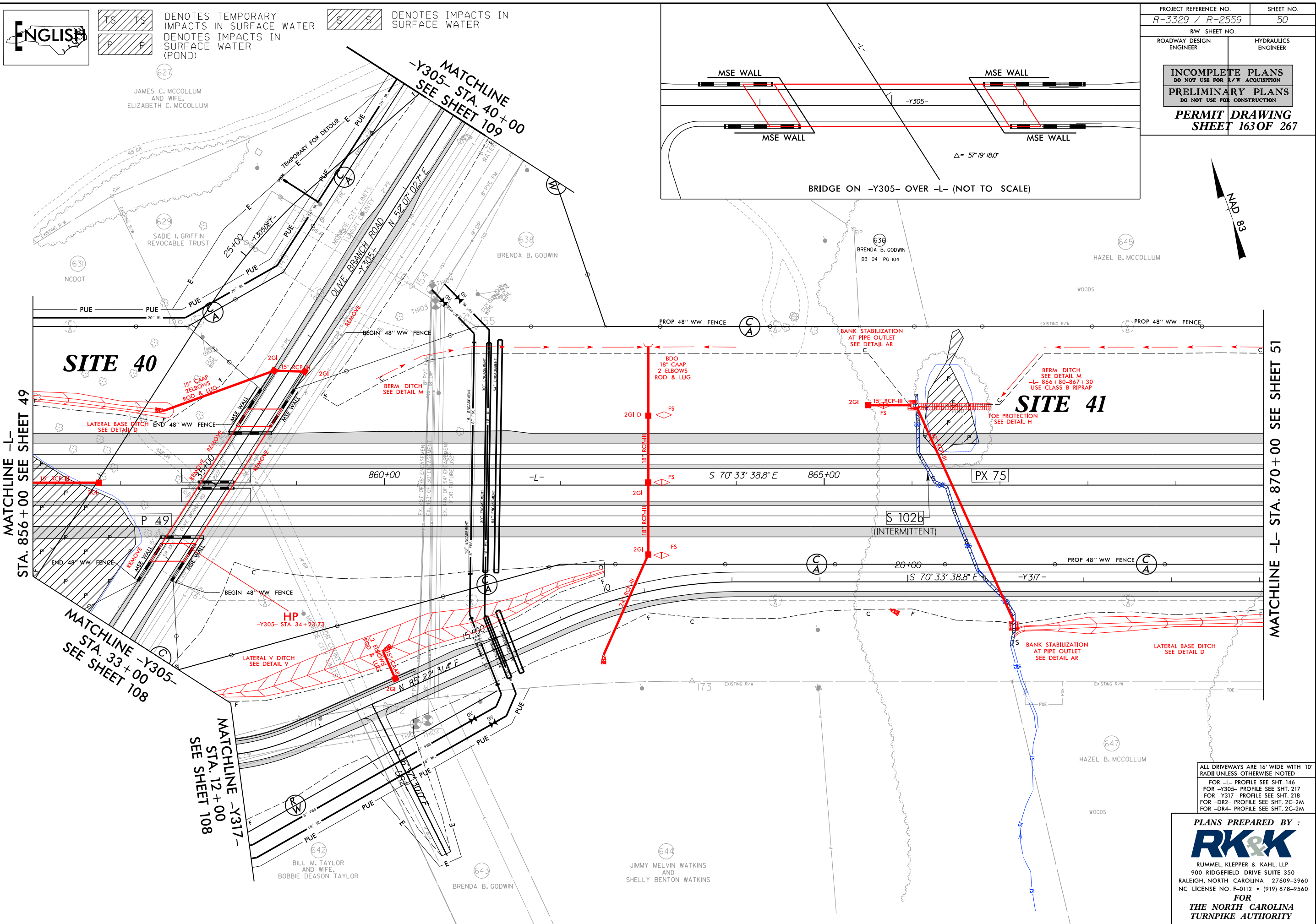


SEE SHEET 108

PLANS PREPARED BY :
RK&K
RUMMEL, KLEPPER & KAHL, LLP
900 RIDGEFIELD DRIVE SUITE 350
RALEIGH, NORTH CAROLINA 27609-3960
NC LICENSE NO. F-0112 • (919) 878-9560
FOR
THE NORTH CAROLINA
TURNPIKE AUTHORITY

8/17/99
 C:\Users\james.mccollum\Documents\Drawings\Section2C\R3329_R2559_HYD_PRRM_WET_PSH050.dgn

 TIME



TS TS DENOTES TEMPORARY IMPACTS IN SURFACE WATER
 P P DENOTES IMPACTS IN SURFACE WATER (POND)
 S S DENOTES IMPACTS IN SURFACE WATER

627
 JAMES C. MCCOLLUM
 AND WIFE,
 ELIZABETH C. MCCOLLUM

629
 SADIE I. GRIFFIN
 REVOCABLE TRUST

638
 BRENDA B. GODWIN

636
 BRENDA B. GODWIN
 DB 104 PG 104

645
 HAZEL B. MCCOLLUM

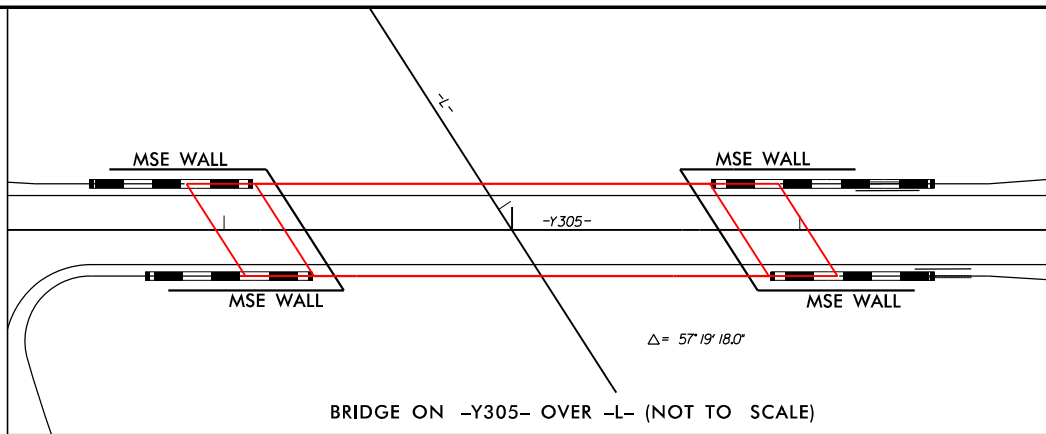
642
 BILL M. TAYLOR
 AND WIFE,
 BOBBIE DEASON TAYLOR

643
 BRENDA B. GODWIN

644
 JIMMY MELVIN WATKINS
 AND
 SHELLY BENTON WATKINS

647
 HAZEL B. MCCOLLUM

| | |
|--|---------------------|
| PROJECT REFERENCE NO. R-3329 / R-2559 | SHEET NO. 50 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
| INCOMPLETE PLANS DO NOT USE FOR A/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION | |
| PERMIT DRAWING SHEET 163 OF 267 | |



MATCHLINE -L- STA. 856+00 SEE SHEET 49

SITE 40

SITE 41


MATCHLINE -Y305-
 STA. 33+00
 SEE SHEET 108

MATCHLINE -Y317-
 STA. 12+00
 SEE SHEET 108

MATCHLINE
 -Y305- STA. 40+00
 SEE SHEET 109

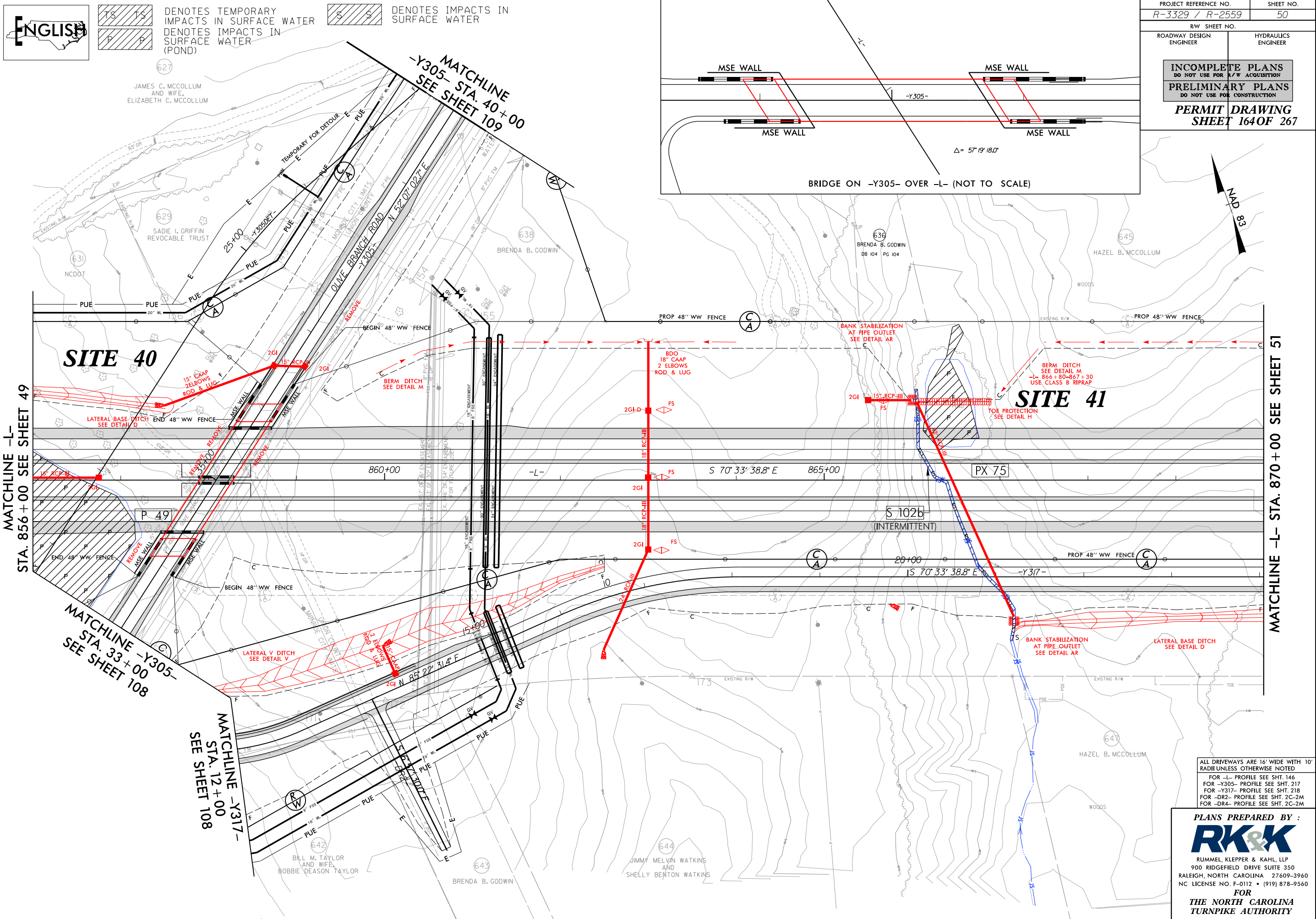
MATCHLINE -L- STA. 870+00 SEE SHEET 51

ALL DRIVEWAYS ARE 16' WIDE WITH 10' RADIUS UNLESS OTHERWISE NOTED
 FOR -L- PROFILE SEE SHT. 146
 FOR -Y305- PROFILE SEE SHT. 217
 FOR -Y317- PROFILE SEE SHT. 218
 FOR -DR2- PROFILE SEE SHT. 2C-2M
 FOR -DR4- PROFILE SEE SHT. 2C-2M

PLANS PREPARED BY :

 RUMMEL, KLEPPER & KAHL, LLP
 900 RIDGEFIELD DRIVE SUITE 350
 RALEIGH, NORTH CAROLINA 27609-3960
 NC LICENSE NO. F-0112 • (919) 878-9560
FOR
THE NORTH CAROLINA
TURNPIKE AUTHORITY

8/17/99
 C:\Users\Public\Documents\PERMITS_Environmental\Drawings\Section2C\R3329_R2559_HYD_PRM_WET_PSH050.dgn

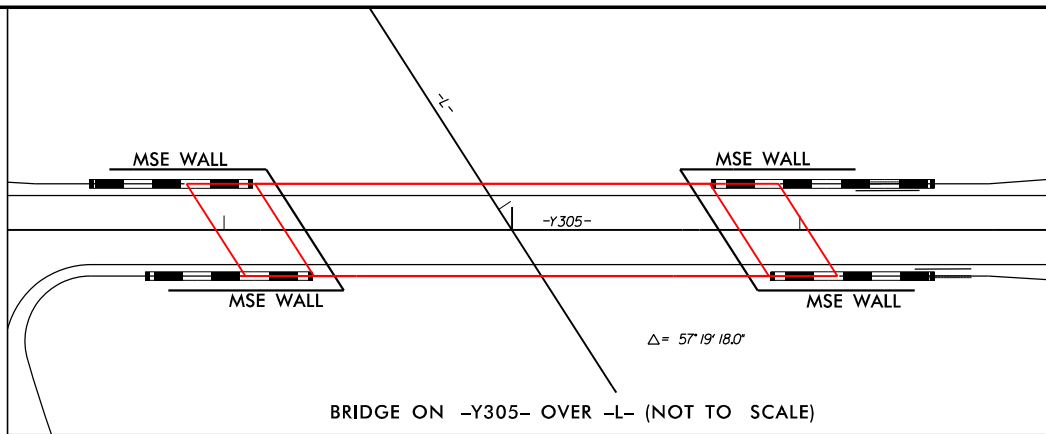
 TIME



TS TS DENOTES TEMPORARY IMPACTS IN SURFACE WATER
 P P DENOTES IMPACTS IN SURFACE WATER (POND)

S S DENOTES IMPACTS IN SURFACE WATER

| | |
|--|---------------------|
| PROJECT REFERENCE NO. R-3329 / R-2559 | SHEET NO. 50 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
| INCOMPLETE PLANS DO NOT USE FOR A/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION | |
| PERMIT DRAWING SHEET 164 OF 267 | |

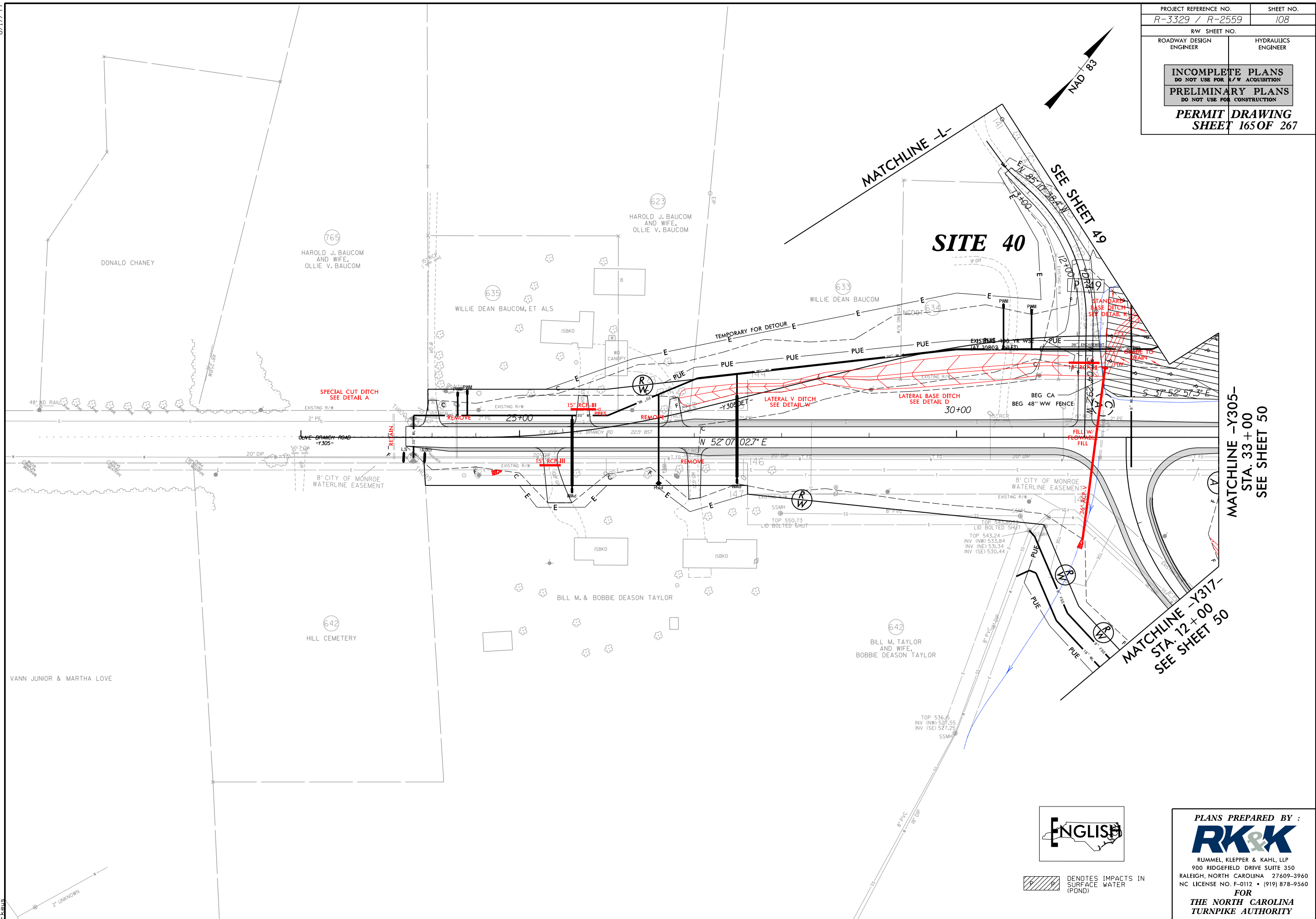
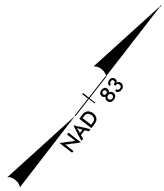


ALL DRIVEWAYS ARE 16' WIDE WITH 10' RADII UNLESS OTHERWISE NOTED
 FOR -L- PROFILE SEE SHT. 146
 FOR -Y305- PROFILE SEE SHT. 217
 FOR -Y317- PROFILE SEE SHT. 218
 FOR -DR2- PROFILE SEE SHT. 2C-2M
 FOR -DR4- PROFILE SEE SHT. 2C-2M

PLANS PREPARED BY :

 RUMMEL, KLEPPER & KAHL, LLP
 900 RIDGEFIELD DRIVE SUITE 350
 RALEIGH, NORTH CAROLINA 27609-3960
 NC LICENSE NO. F-0112 • (919) 878-9560
FOR
THE NORTH CAROLINA
TURNPIKE AUTHORITY

| | |
|--|---------------------|
| PROJECT REFERENCE NO. R-3329 / R-2559 | SHEET NO. 108 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
| INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION | |
| PERMIT DRAWING SHEET 165 OF 267 | |



MATCHLINE -Y305-
 STA. 33+00
 SEE SHEET 50

MATCHLINE -Y317-
 STA. 12+00
 SEE SHEET 50



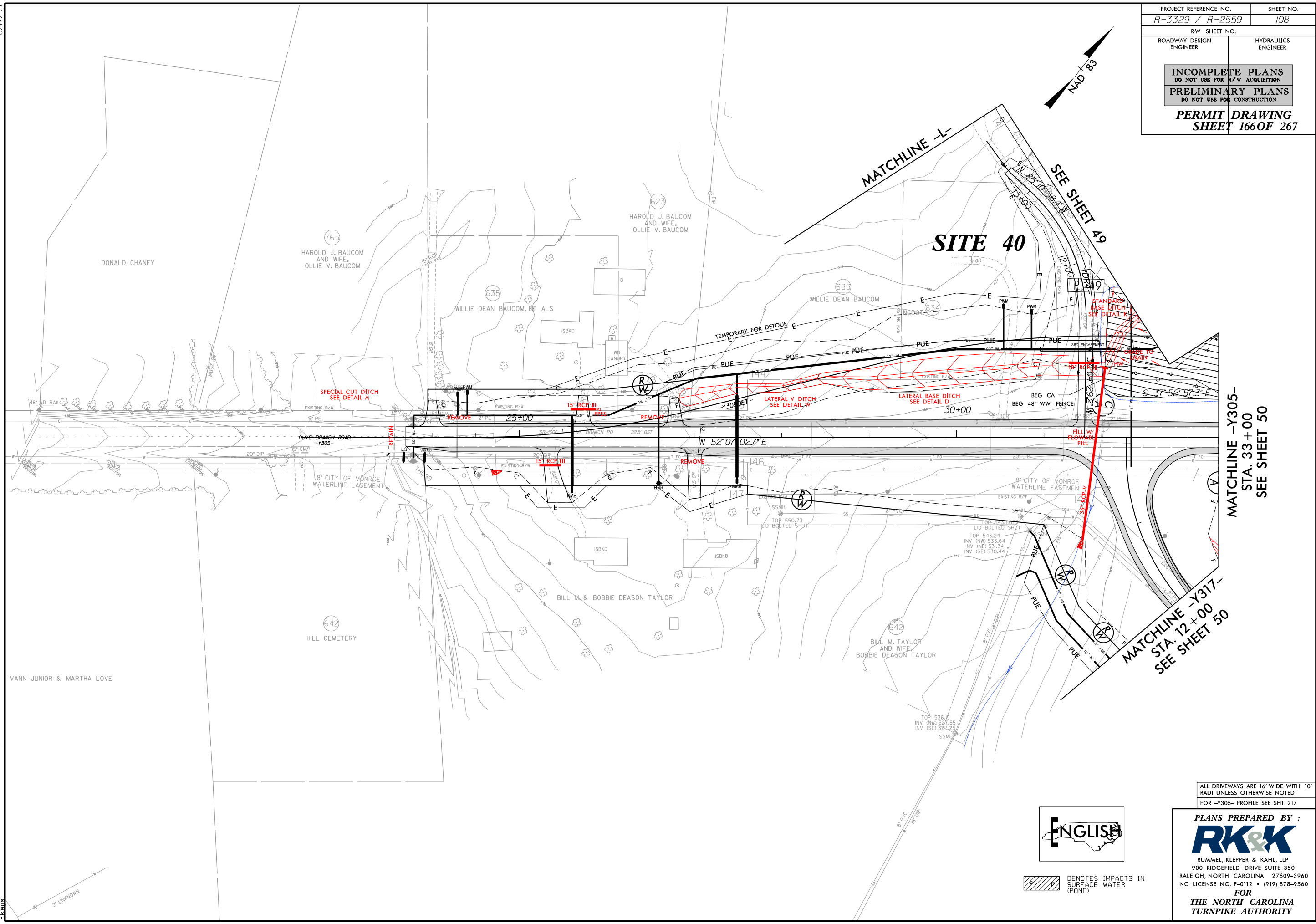
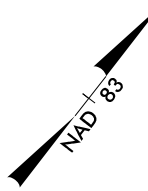
DENOTES IMPACTS IN SURFACE WATER (POND)

PLANS PREPARED BY :

 RUMMEL, KLEPPER & KAHL, LLP
 900 RIDGEFIELD DRIVE SUITE 350
 RALEIGH, NORTH CAROLINA 27609-3960
 NC LICENSE NO. F-0112 • (919) 878-9560
FOR
THE NORTH CAROLINA
TURNPIKE AUTHORITY

8/17/99
 C:\Users\Public\Documents\Drawings\Environmental\Drawings\Section2C\R3329_R2559_HYD_PRM_WET_PSHI08.dgn
 \$\$\$\$\$\$TIME\$\$\$\$\$
 R:\Hydro\lics\PERMITS_Environmental\Drawings\Section2C\R3329_R2559_HYD_PRM_WET_PSHI08.dgn

| | |
|--|---------------------|
| PROJECT REFERENCE NO. R-3329 / R-2559 | SHEET NO. 108 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
| INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION | |
| PERMIT DRAWING SHEET 166 OF 267 | |

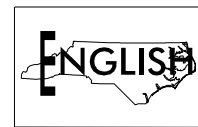


8/17/99
 C:\Users\Public\Documents\Drawings\Section2C\R3329_R2559_HYD_PRM_WET_PSHI08_con.dgn
 \$\$\$\$\$\$TIME\$\$\$\$\$
 R:\Hydrolics\PERMITS_Environmental\Drawings\Section2C\R3329_R2559_HYD_PRM_WET_PSHI08_con.dgn

MATCHLINE -Y305-
 STA. 33+00
 SEE SHEET 50

MATCHLINE -Y317-
 STA. 12+00
 SEE SHEET 50

ALL DRIVEWAYS ARE 16' WIDE WITH 10'
 RADII UNLESS OTHERWISE NOTED
 FOR -Y305- PROFILE SEE SHT. 217




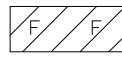
DENOTES IMPACTS IN
 SURFACE WATER
 (POND)

PLANS PREPARED BY :

 RUMMEL, KLEPPER & KAHL, LLP
 900 RIDGEFIELD DRIVE SUITE 350
 RALEIGH, NORTH CAROLINA 27609-3960
 NC LICENSE NO. F-0112 • (919) 878-9560
FOR
THE NORTH CAROLINA
TURNPIKE AUTHORITY

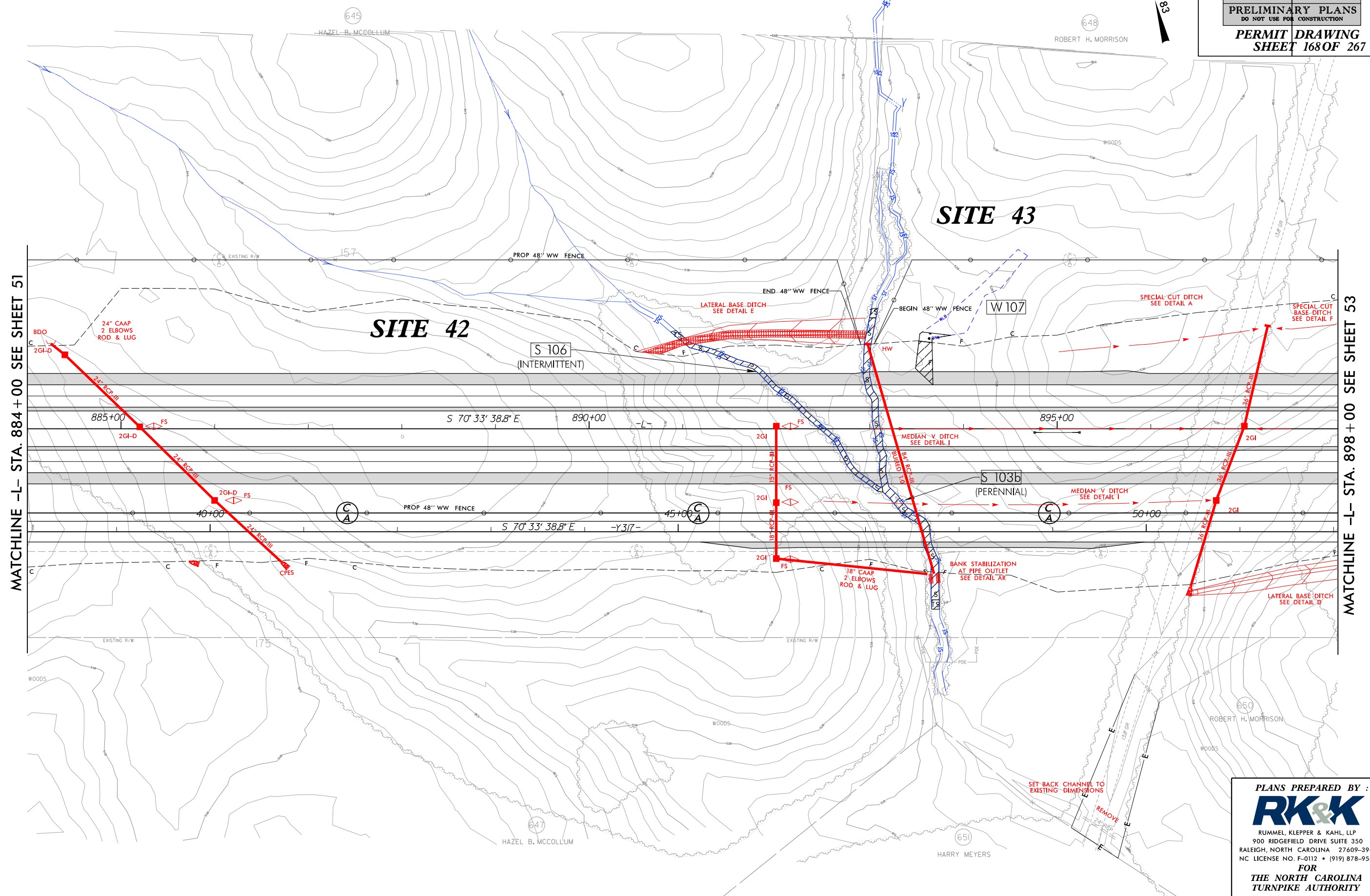
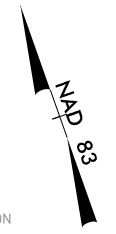
8/17/99




 DENOTES TEMPORARY IMPACTS IN SURFACE WATER
 DENOTES FILL IN WETLAND

 DENOTES IMPACTS IN SURFACE WATER
 DENOTES MECHANIZED CLEARING

| | |
|--|---------------------|
| PROJECT REFERENCE NO. R-3329 / R-2559 | SHEET NO. 52 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
| INCOMPLETE PLANS DO NOT USE FOR A/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION | |
| PERMIT DRAWING SHEET 168 OF 267 | |




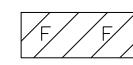
C:\Users\james\Documents\Drawings\Section2C\R3329_R2559_HYD_PDM_WET_PSH052.cad.dgn
 8/17/99 10:55 AM

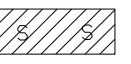
PLANS PREPARED BY :

 RUMMEL, KLEPPER & KAHL, LLP
 900 RIDGEFIELD DRIVE SUITE 350
 RALEIGH, NORTH CAROLINA 27609-3960
 NC LICENSE NO. F-0112 • (919) 878-9560
 FOR
THE NORTH CAROLINA
TURNPIKE AUTHORITY


8/17/99
C:\Users\Public\Documents\Drawings\Environmental\Drawings\Section2C\R3329_R2559_HYD_PRM_WET_PSH053.dgn
\$\$\$\$\$TIME\$\$\$\$\$
R:\Hydrolics\PERMITS\Environmental\Drawings\Section2C\R3329_R2559_HYD_PRM_WET_PSH053.dgn

ENGLISH

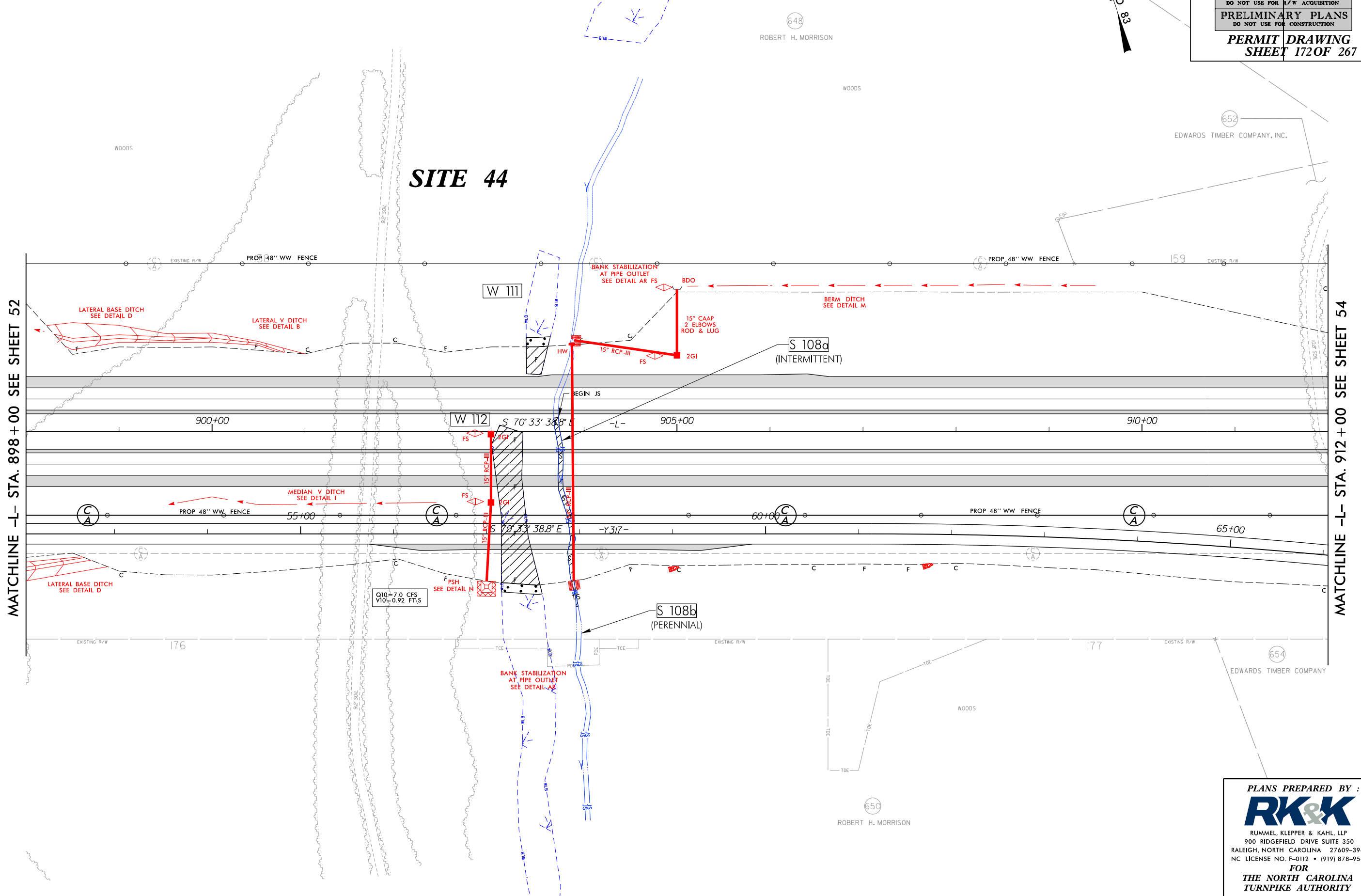
 DENOTES TEMPORARY IMPACTS IN SURFACE WATER

 DENOTES FILL IN WETLAND

 DENOTES IMPACTS IN SURFACE WATER

 DENOTES MECHANIZED CLEARING

| | |
|---|---------------------|
| PROJECT REFERENCE NO. R-3329 / R-2559 | SHEET NO. 53 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
| INCOMPLETE PLANS DO NOT USE FOR A/W ACQUISITION | |
| PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION | |
| PERMIT DRAWING SHEET 172 OF 267 | |



PLANS PREPARED BY :

RK&K

RUMMEL, KLEPPER & KAHL, LLP
900 RIDGEFIELD DRIVE SUITE 350
RALEIGH, NORTH CAROLINA 27609-3960
NC LICENSE NO. F-0112 • (919) 878-9560

FOR
THE NORTH CAROLINA
TURNPIKE AUTHORITY

8/17/99



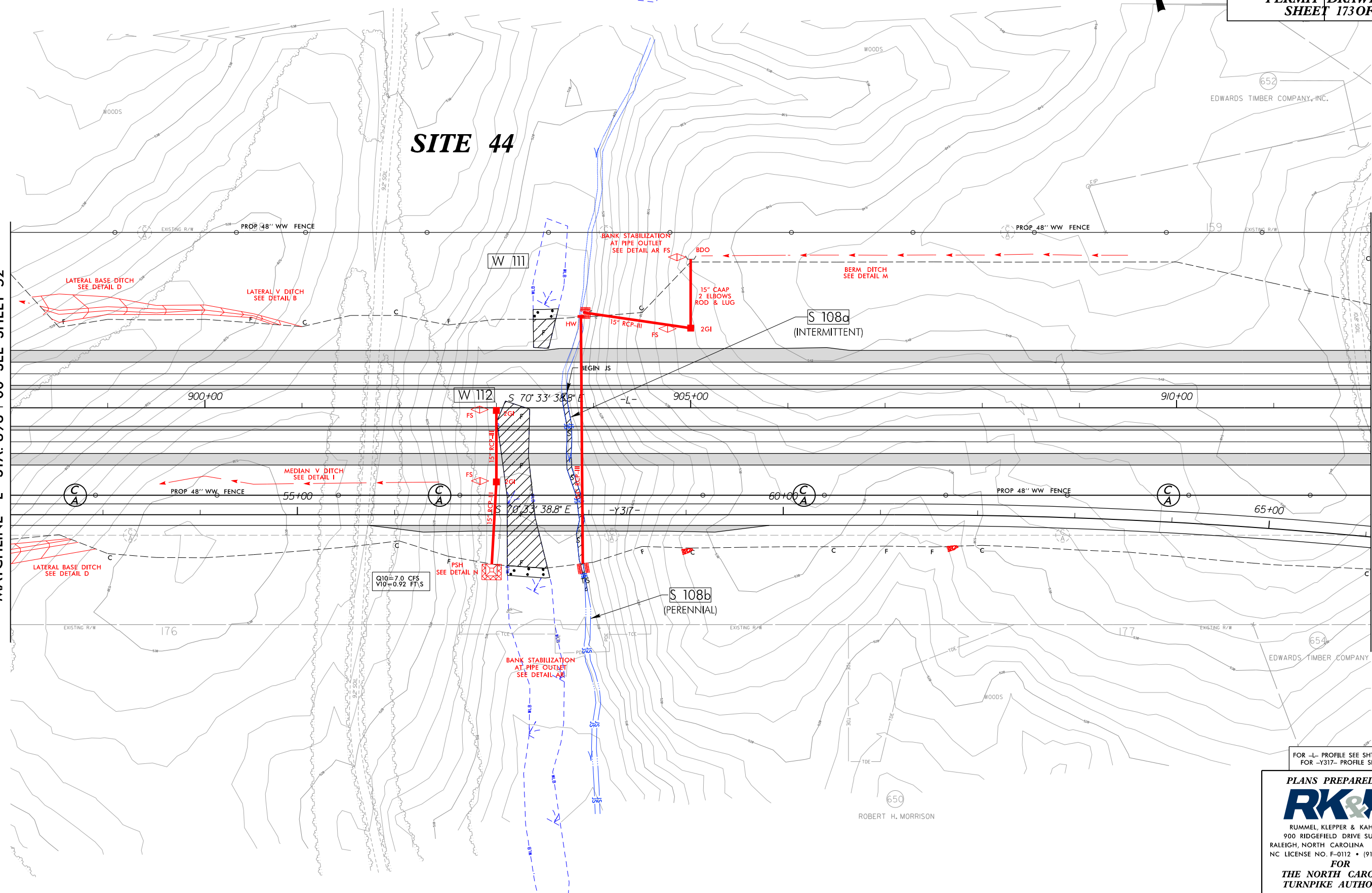
DENOTES TEMPORARY IMPACTS IN SURFACE WATER
 DENOTES FILL IN WETLAND

DENOTES IMPACTS IN SURFACE WATER
 DENOTES MECHANIZED CLEARING

| | |
|--|---------------------|
| PROJECT REFERENCE NO. R-3329 / R-2559 | SHEET NO. 53 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
| INCOMPLETE PLANS DO NOT USE FOR A/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION | |
| PERMIT DRAWING SHEET 173 OF 267 | |

MATCHLINE -L- STA. 898+00 SEE SHEET 52

MATCHLINE -L- STA. 912+00 SEE SHEET 54



\$\$\$TIME\$\$\$\$
 C:\Users\Public\Documents\Drawings\Section2C\R3329_R2559_HYD_PRM_WET_PSH053.com.dgn
 R:\Users\Public\Documents\PERMITS_Environmental\Drawings\Section2C\R3329_R2559_HYD_PRM_WET_PSH053.com.dgn

FOR -L- PROFILE SEE SHTS. 147 & 148
 FOR -Y317- PROFILE SEE SHT. 219

PLANS PREPARED BY :

 RUMMEL, KLEPPER & KAHL, LLP
 900 RIDGEFIELD DRIVE SUITE 350
 RALEIGH, NORTH CAROLINA 27609-3960
 NC LICENSE NO. F-0112 • (919) 878-9560
FOR
THE NORTH CAROLINA
TURNPIKE AUTHORITY

8/17/99

DENOTES IMPACTS IN SURFACE WATER (POND)



| | |
|--|---------------------|
| PROJECT REFERENCE NO. R-3329 / R-2559 | SHEET NO. 101 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
| INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION | |
| PERMIT DRAWING SHEET 175 OF 267 | |

MATCHLINE -Y302- STA. 150+00 SEE SHEET 100

SITE 45

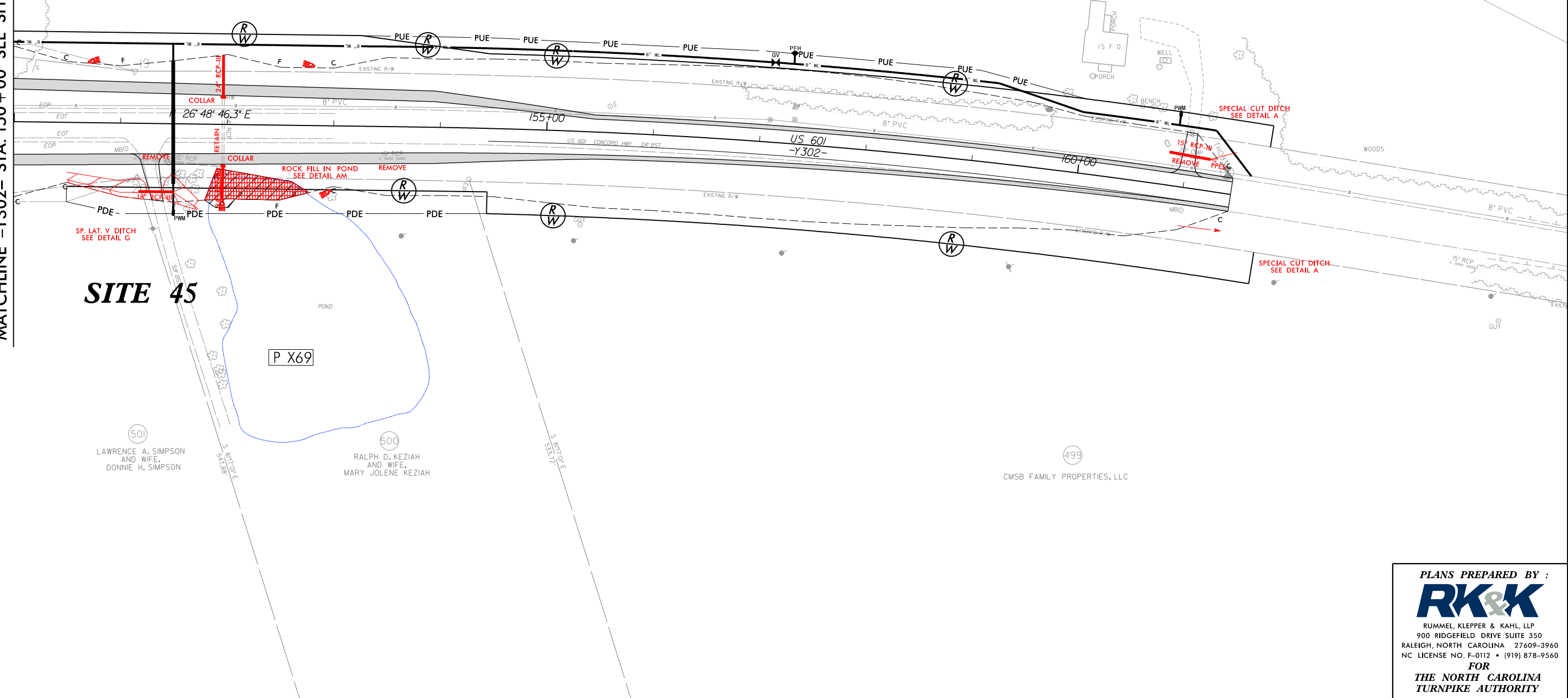
P X69

498
CMSB FAMILY PROPERTIES, LLC

499
CMSB FAMILY PROPERTIES, LLC

501
LAWRENCE A. SIMPSON AND WIFE,
DONNIE H. SIMPSON

500
RALPH D. KEZIAH AND WIFE,
MARY JOLENE KEZIAH



\$\$\$\$\$TIME\$\$\$\$\$
C:\Users\Public\Documents\PERMITS_Environmental\Drawings\Section2C\R3329_R2559_HYD_PRM_WET_PSH101.dgn

PLANS PREPARED BY :

RK&K

RUMMEL, KLEPPER & KAHL, LLP
 900 RIDGEFIELD DRIVE SUITE 350
 RALEIGH, NORTH CAROLINA 27609-3960
 NC LICENSE NO. F-0112 • (919) 878-9560

FOR
THE NORTH CAROLINA
TURNPIKE AUTHORITY

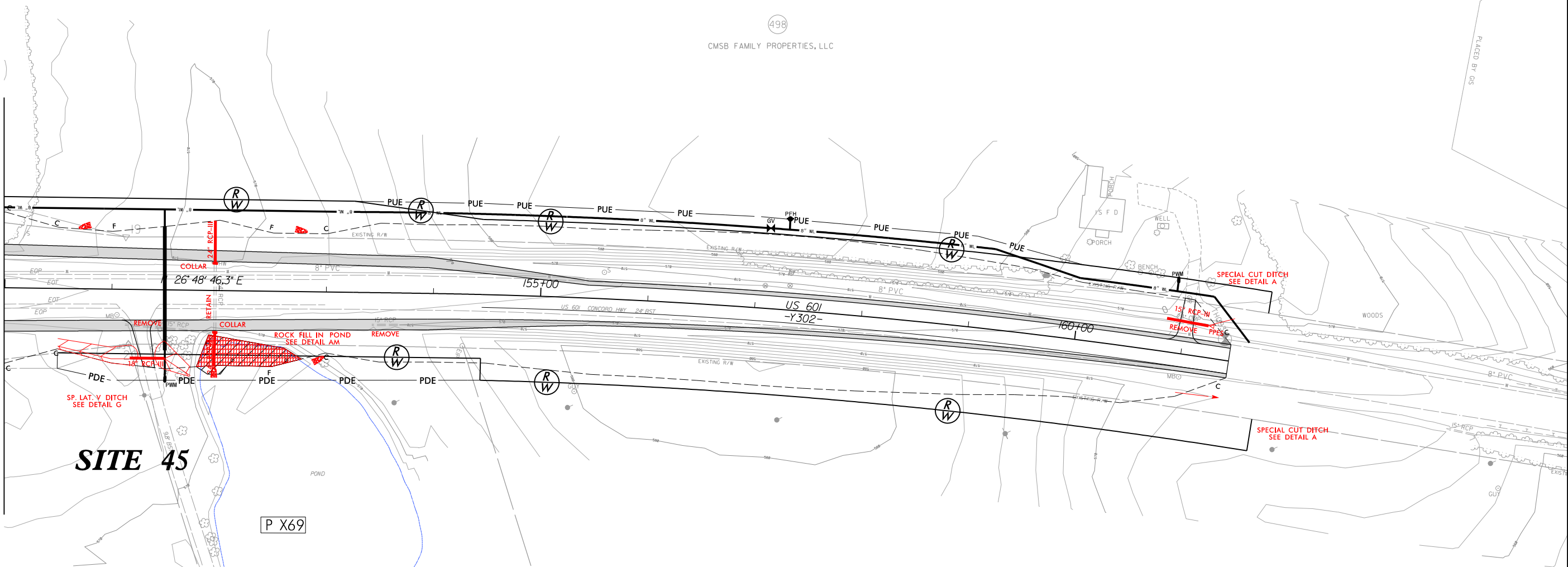
8/17/99

DENOTES IMPACTS IN SURFACE WATER (POND)



| | |
|--|---------------------|
| PROJECT REFERENCE NO. R-3329 / R-2559 | SHEET NO. 101 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
| INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION | |
| PERMIT DRAWING SHEET 176 OF 267 | |

MATCHLINE -Y302- STA. 150+00 SEE SHEET 100



SITE 45

P X69

LAWRENCE A. SIMPSON AND WIFE, DONNIE H. SIMPSON

RALPH D. KEZIAH AND WIFE, MARY JOLENE KEZIAH

498
CMSB FAMILY PROPERTIES, LLC

499
CMSB FAMILY PROPERTIES, LLC

ALL DRIVEWAYS ARE 16' WIDE WITH 10' RADIUS UNLESS OTHERWISE NOTED
FOR -Y302- PROFILE SEE SHTS. 205 & 206

PLANS PREPARED BY :

RK&K

RUMMEL, KLEPPER & KAHL, LLP
 900 RIDGEFIELD DRIVE SUITE 350
 RALEIGH, NORTH CAROLINA 27609-3960
 NC LICENSE NO. F-0112 • (919) 878-9560

FOR
THE NORTH CAROLINA
TURNPIKE AUTHORITY

\$\$\$\$\$TIME\$\$\$\$\$
C:\Users\Public\Documents\PERMITS_Environmental\Drawings\Section2C\R3329_R2559_HYD_PRM_WET_PSH101.con.dgn