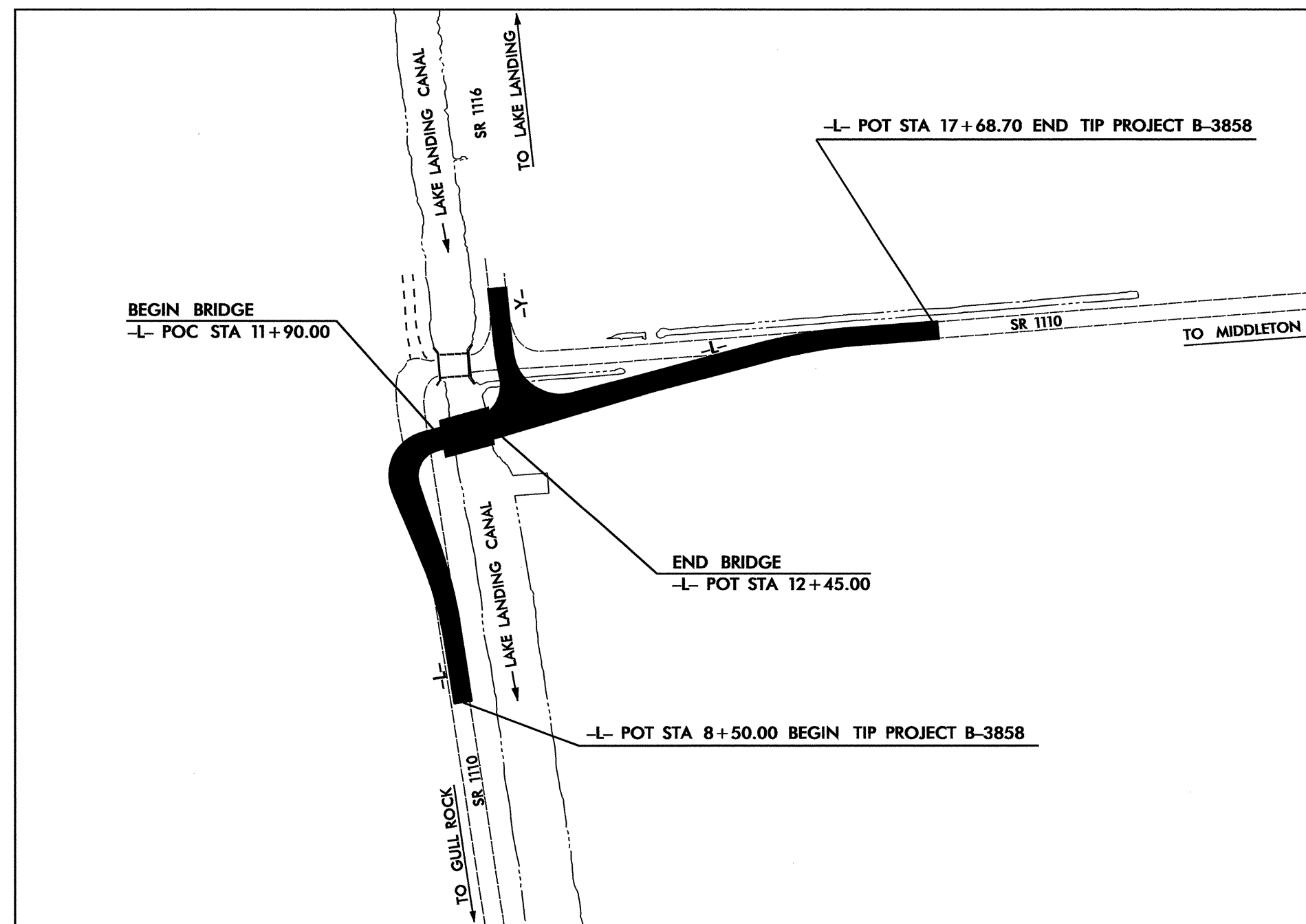


TIP PROJECT: B-3858

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS
 PLAN FOR PROPOSED
 HIGHWAY EROSION CONTROL
HYDE COUNTY

**LOCATION: REPLACE BRIDGE NO. 6 AND APPROACHES
 ON SR 1110 OVER LAKE LANDING CANAL
 TYPE OF WORK: GRADING, PAVING, DRAINAGE AND STRUCTURE**



STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-3858	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

EROSION AND SEDIMENT CONTROL MEASURES

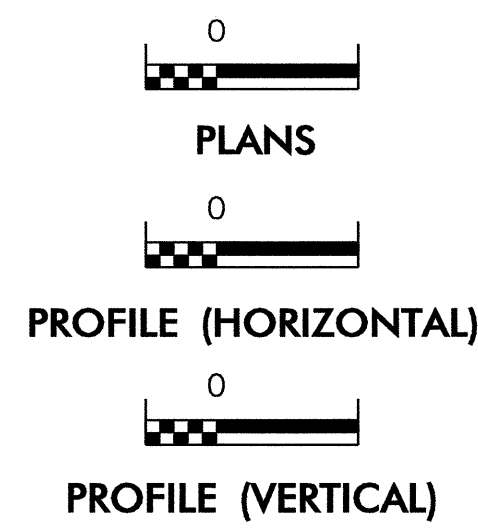
Std. #	Description	Symbol
	Streambank Reforestation.....	
1630.05	Temporary Silt Ditch.....	
1630.05	Temporary Diversion.....	
1605.01	Temporary Silt Fence.....	
1606.01	Special Sediment Control Fence.....	
1622.01	Temporary Berms and Slope Drains.....	
1630.01	Riser Basin.....	
1630.02	Silt Basin Type B.....	
1633.01	Temporary Rock Silt Check Type-A.....	
1633.02	Temporary Rock Silt Check Type-B.....	
1634.01	Temporary Rock Sediment Dam Type-A.....	
1634.02	Temporary Rock Sediment Dam Type-B.....	
1635.01	Rock Pipe Inlet Sediment Trap Type-A.....	
1635.02	Rock Pipe Inlet Sediment Trap Type-B.....	
1630.04	Stilling Basin.....	
	Rock Inlet Sediment Trap:	
1632.01	Type A.....	
1632.02	Type B.....	
1632.03	Type C.....	

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

**ENVIRONMENTALLY
 SENSITIVE AREA(S) EXIST
 ON THIS PROJECT**
*Refer To E. C. Special Provisions
 for Special Considerations.*

**THIS PROJECT HAS
 BEEN DESIGNED TO
 SENSITIVE WATERSHED
 STANDARDS.**

GRAPHIC SCALE



ROADSIDE ENVIRONMENTAL UNIT
 DIVISION OF HIGHWAYS
 STATE OF NORTH CAROLINA

Prepared In the Office of:
ROADSIDE ENVIRONMENTAL UNIT
 1 South Wilmington St.
 Raleigh, NC 27611
2002 STANDARD SPECIFICATIONS

Roadway Standard Drawings
 The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 20, 2002 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

- | | |
|----------------------------------------|------------------------------------------|
| 1605.01 Temporary Silt Fence | 1633.01 Temporary Rock Silt Check Type A |
| 1606.01 Special Sediment Control Fence | 1633.02 Temporary Rock Silt Check Type B |
| 1630.05 Temporary Diversion | |

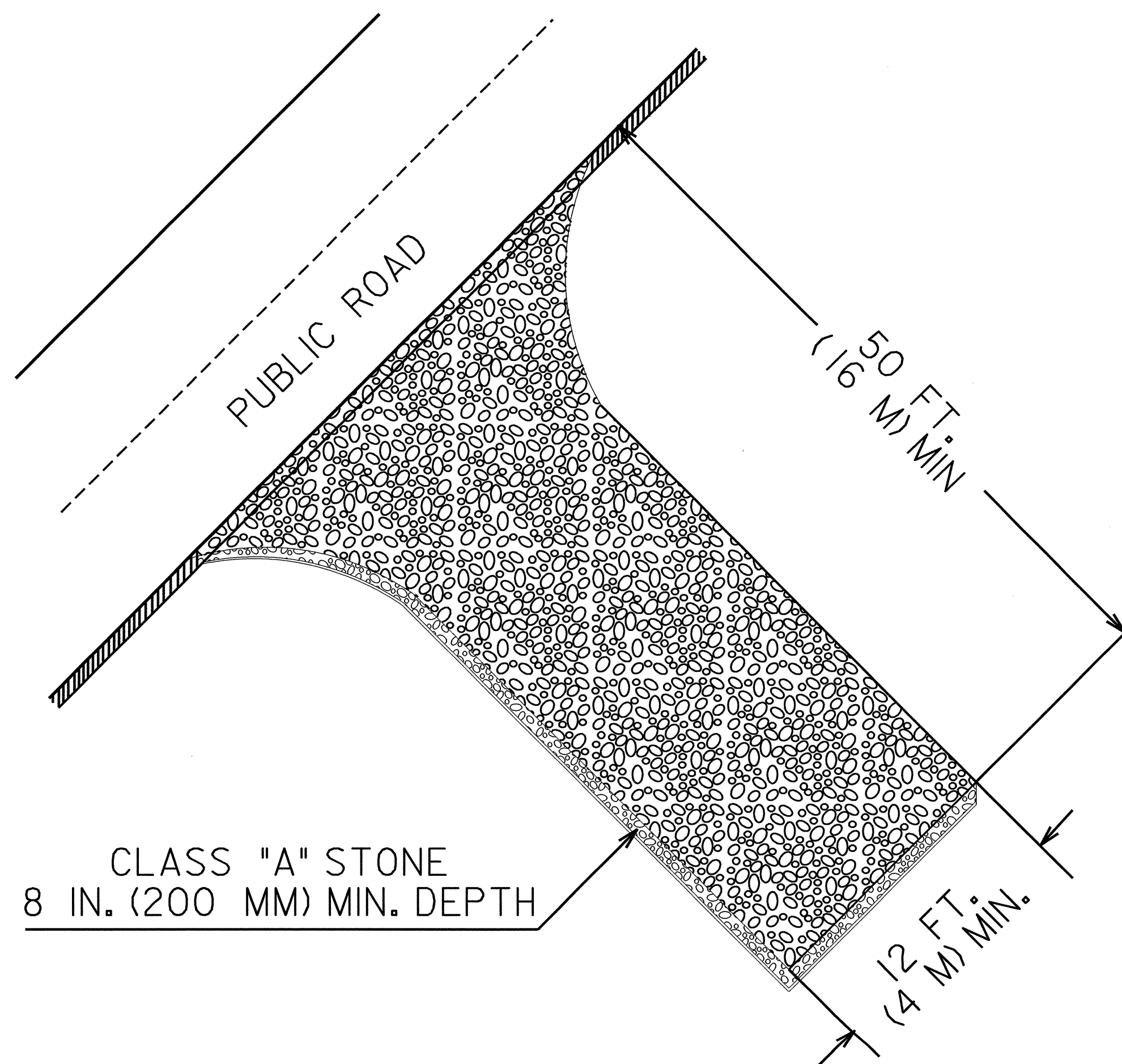
30-JAN-2006 10:37 \\tipproj\design\B3858_r.dwg, sh, ecc.dgn

PROJ. REFERENCE NO. B-3858	SHEET NO. EC-2	TOTAL SHEETS
STATE PROJECT NO.	F. A. PROJ. NO.	DESCRIPTION

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

NOTES:

1. TURNING RADIUS SUFFICIENT TO ACCOMODATE LARGE TRUCKS SHALL BE PROVIDED.
2. ENTRANCE(S) SHOULD BE LOCATED TO PROVIDE FOR UTILIZATION BY ALL CONSTRUCTION VEHICLES.
3. MUST BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR DIRECT FLOW OF MUD ONTO STREETS. PERIODIC TOPDRESSING WITH STONE WILL BE NECESSARY.
4. ANY MATERIAL TRACKED ONTO THE ROADWAY MUST BE CLEANED UP IMMEDIATELY.
5. GRAVEL CONSTRUCTION ENTRANCE SHALL BE LOCATED AT ALL POINTS OF INGRESS AND EGRESS UNTIL SITE IS STABILIZED. FREQUENT CHECKS OF THE DEVICE AND TIMELY MAINTENANCE MUST BE PROVIDED.
6. NUMBER AND LOCATION OF CONSTRUCTION ENTRANCES TO BE DETERMINED BY THE ENGINEER

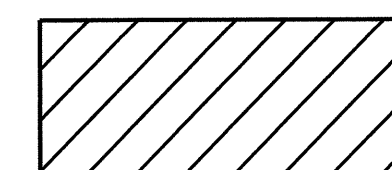


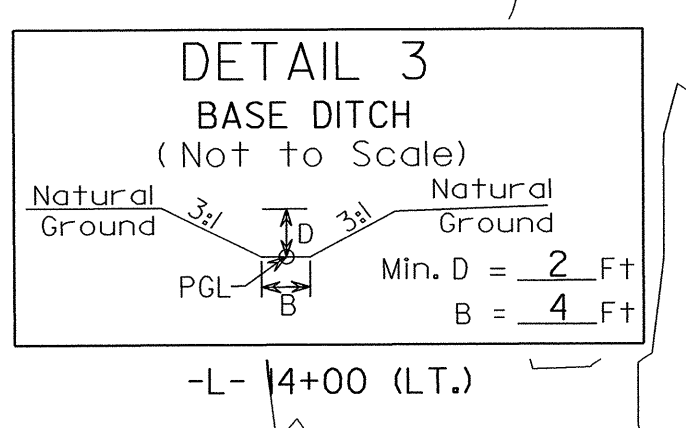
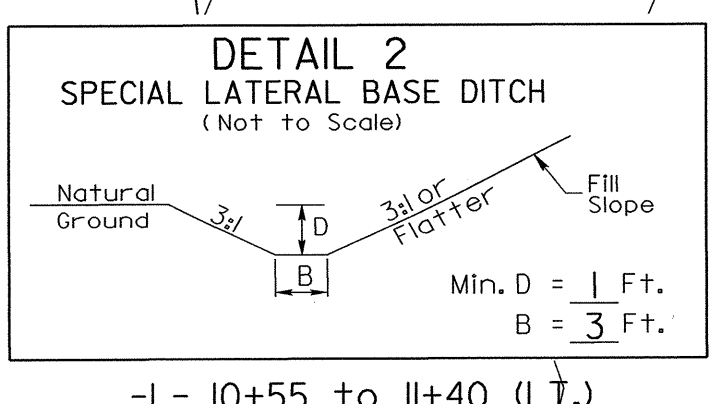
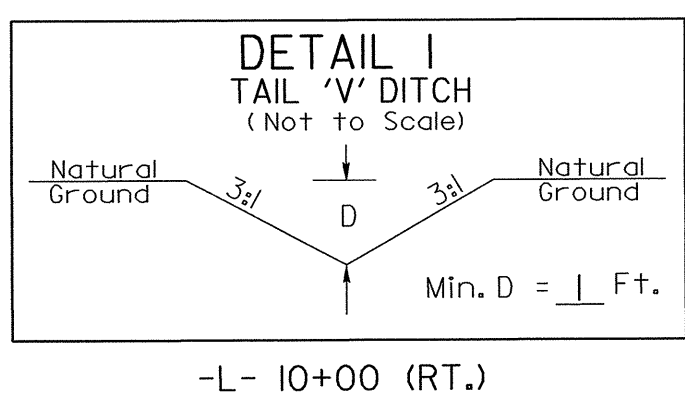
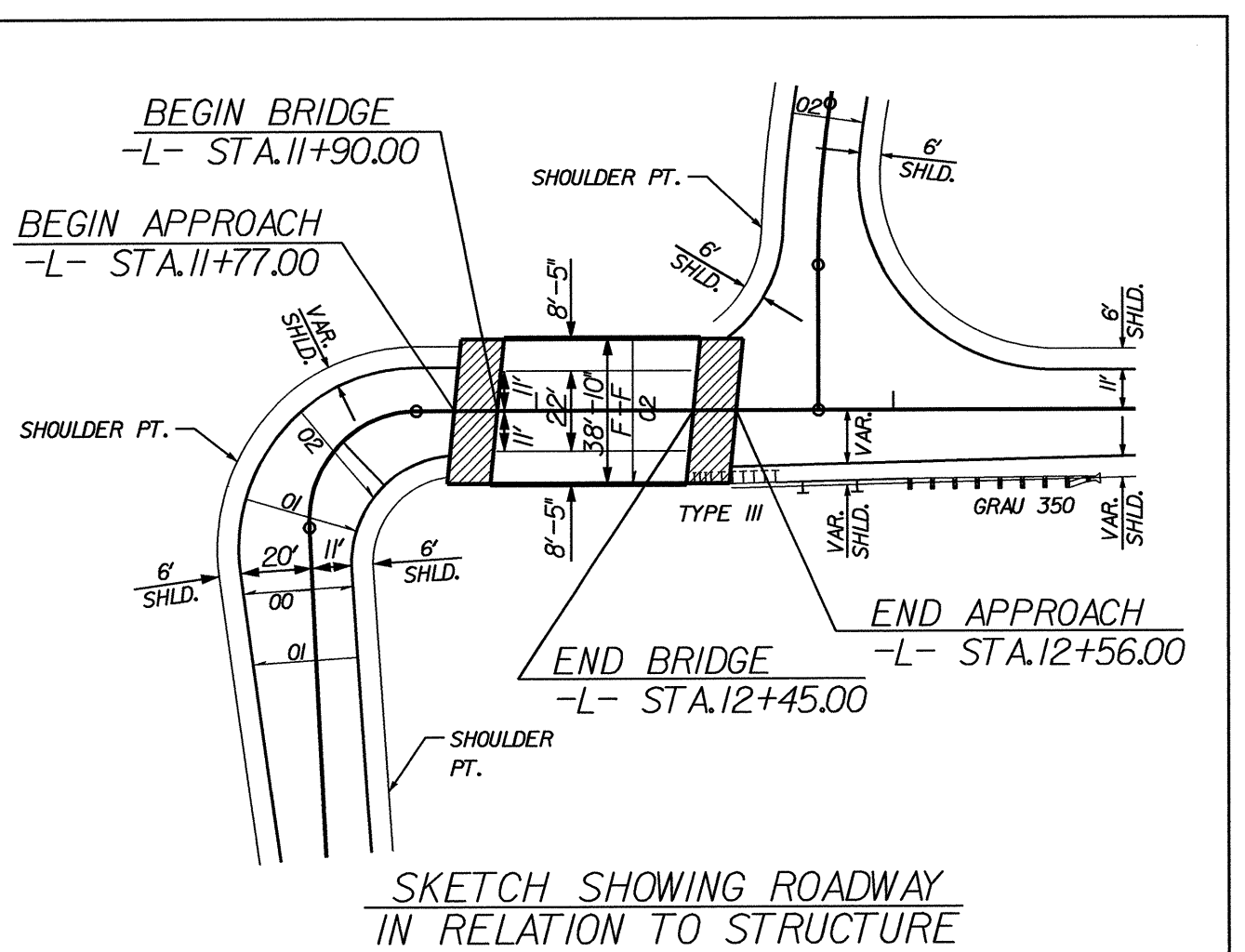
NOTE: FILTER FABRIC TO BE PLACED BENEATH STONE

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 4

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

NOTE:
UTILIZE TEMPORARY ROCK SILT CHECKS TYPE - A
AS STILLING BASIN WHERE APPLICABLE.

 ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS



PAVEMENT DESIGN FOR DRIVEWAY
1/2" S9.5A
8" ABC

RUTH JOLLY WILSON
DB 150 PG 659
DB 145 PG 993

BL - 1 PING 12+31.39 =
BY - 1 POT 17+05.34
-L- STA. 12+74.20
30.12' LT.

-L- PT STA 11+66.33

-L- PC STA 11+17.19

-L- PT STA 10+25.08

-L- PC STA 9+25.73

-L- PT STA 8+50.00

BEGIN PROJECT
-L- POT STA 8+50.00
BEGIN CONSTRUCTION

N 08° 50' 56.9" W

LAKE LANDING CANAL

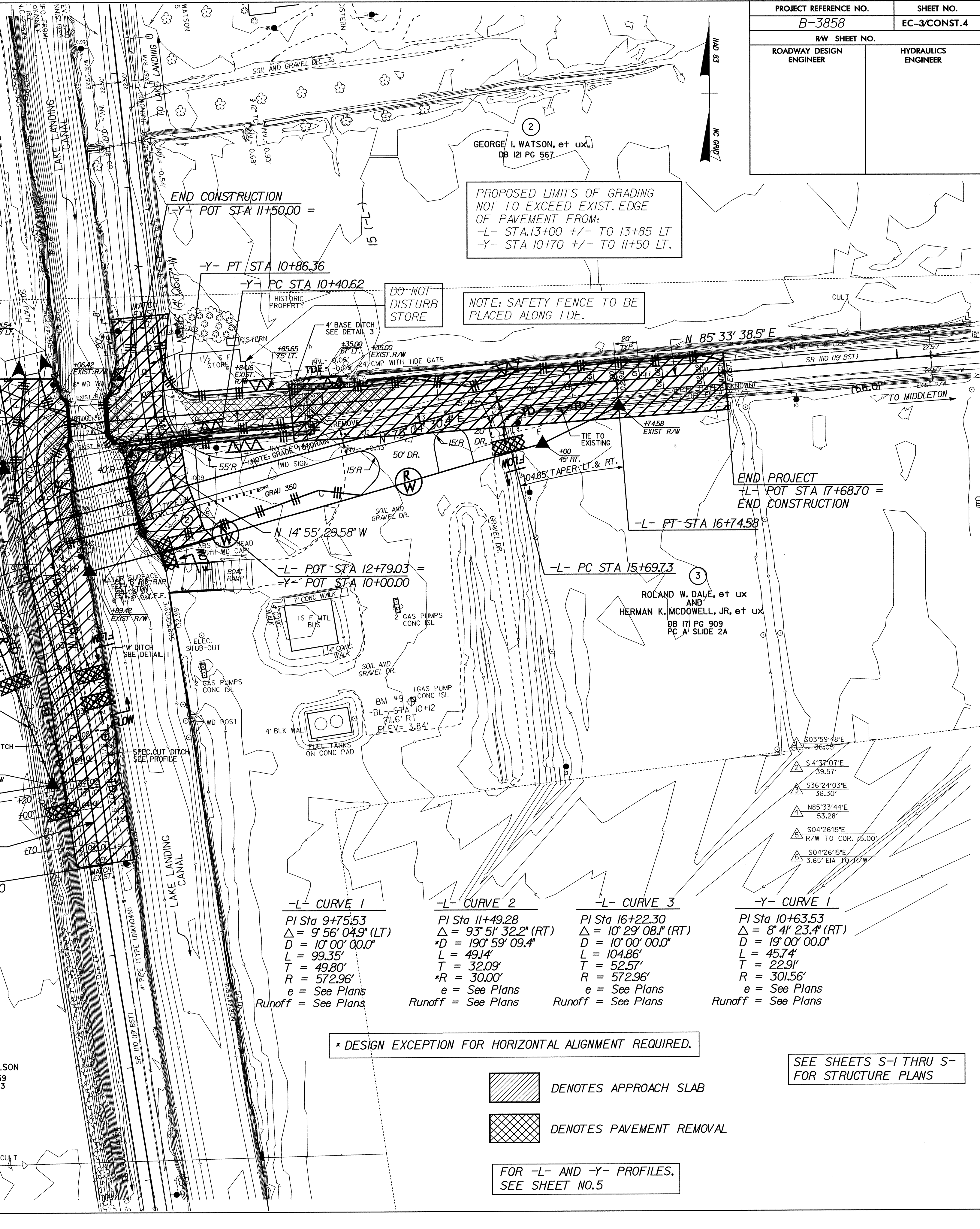
RUTH JOLLY WILSON
DB 150 PG 659
DB 145 PG 993

LAKE LANDING CANAL

LAKE LANDING CANAL

LAKE LANDING CANAL

LAKE LANDING CANAL



END CONSTRUCTION
-Y- POT STA 11+50.00 =

-Y- PT STA 10+86.36
-Y- PC STA 10+40.62

PROPOSED LIMITS OF GRADING
NOT TO EXCEED EXIST. EDGE
OF PAVEMENT FROM:
-L- STA. 13+00 +/- TO 13+85 LT
-Y- STA 10+70 +/- TO 11+50 LT.

NOTE: SAFETY FENCE TO BE
PLACED ALONG TDE.

DO NOT
DISTURB
STORE

END PROJECT
-L- POT STA 17+68.70 =
END CONSTRUCTION

-L- PT STA 16+74.98

-L- PC STA 15+69.73

-L- POT STA 12+79.03 =
-Y- POT STA 10+00.00

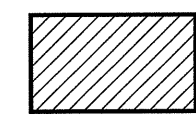
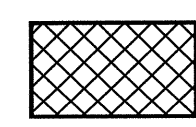
-L- CURVE 1
PI Sta 9+75.53
 $\Delta = 9° 56' 04.9" (LT)$
 $D = 10° 00' 00.0"$
 $L = 99.35'$
 $T = 49.80'$
 $R = 572.96'$
 $e = \text{See Plans}$
Runoff = See Plans

-L- CURVE 2
PI Sta 11+49.28
 $\Delta = 93° 51' 32.2" (RT)$
 $D = 190° 59' 09.4"$
 $L = 49.14'$
 $T = 32.09'$
 $R = 30.00'$
 $e = \text{See Plans}$
Runoff = See Plans

-L- CURVE 3
PI Sta 16+22.30
 $\Delta = 10° 29' 08.1" (RT)$
 $D = 10° 00' 00.0"$
 $L = 104.86'$
 $T = 52.57'$
 $R = 572.96'$
 $e = \text{See Plans}$
Runoff = See Plans

-Y- CURVE 1
PI Sta 10+63.53
 $\Delta = 8° 41' 23.4" (RT)$
 $D = 19° 00' 00.0"$
 $L = 45.74'$
 $T = 22.91'$
 $R = 301.56'$
 $e = \text{See Plans}$
Runoff = See Plans

* DESIGN EXCEPTION FOR HORIZONTAL ALIGNMENT REQUIRED.

 DENOTES APPROACH SLAB
 DENOTES PAVEMENT REMOVAL

FOR -L- AND -Y- PROFILES,
SEE SHEET NO.5

SEE SHEETS S-1 THRU S-
FOR STRUCTURE PLANS

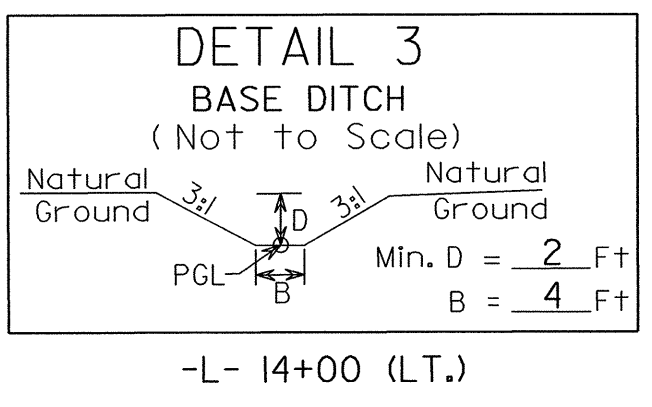
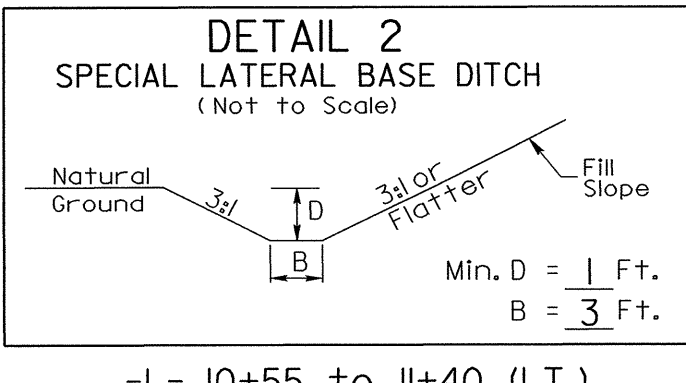
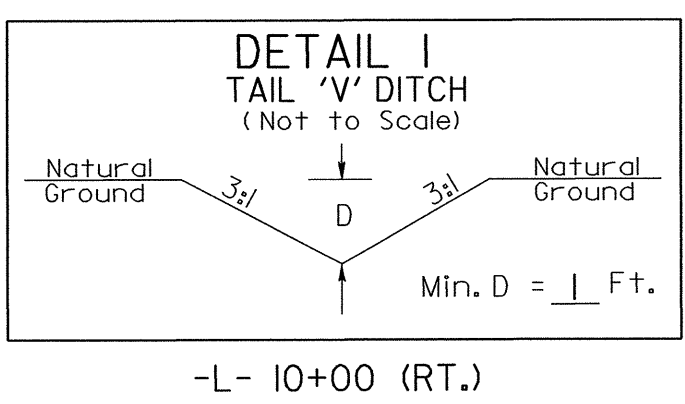
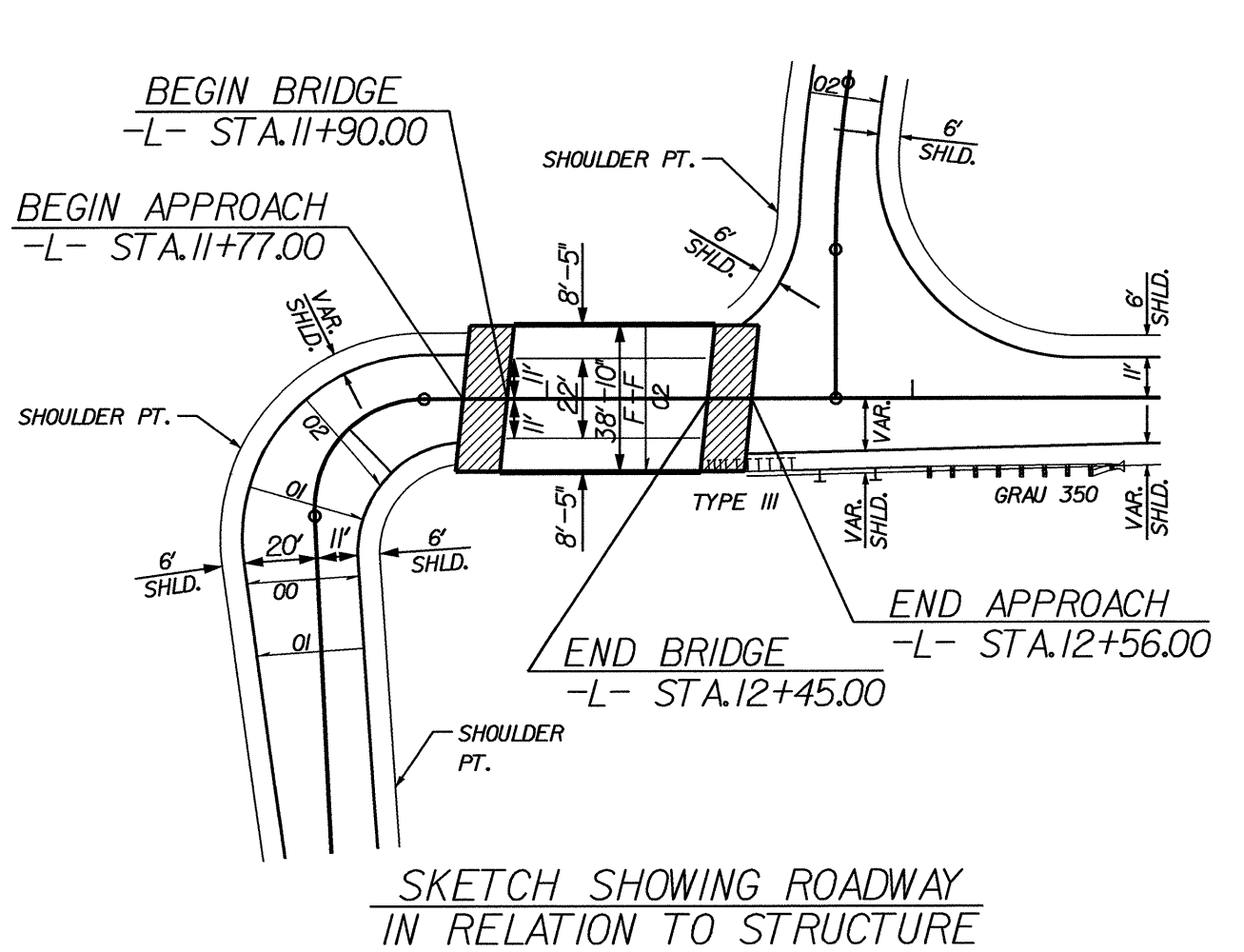
NOTE:
UTILIZE TEMPORARY ROCK SILT CHECKS TYPE - A AS STILLING BASIN WHERE APPLICABLE.

PAVEMENT DESIGN FOR DRIVEWAY
1/2" S9.5A
8" ABC

PROPOSED LIMITS OF GRADING
NOT TO EXCEED EXIST. EDGE
OF PAVEMENT FROM:
-L- STA.13+00 +/- TO 13+85 LT
-Y- STA 10+70 +/- TO 11+50 LT.

NOTE: SAFETY FENCE TO BE
PLACED ALONG TDE.

DO NOT
DISTURB
STORE



-L- CURVE 1	-L- CURVE 2	-L- CURVE 3	-Y- CURVE 1
PI Sta 9+75.53	PI Sta 11+49.28	PI Sta 16+22.30	PI Sta 10+63.53
$\Delta = 9^{\circ} 56' 04.9''$ (LT)	$\Delta = 9^{\circ} 51' 32.2''$ (RT)	$\Delta = 10^{\circ} 29' 08.1''$ (RT)	$\Delta = 8^{\circ} 41' 23.4''$ (RT)
$D = 10^{\circ} 00' 00.0''$	$D = 190^{\circ} 59' 09.4''$	$D = 10^{\circ} 00' 00.0''$	$D = 19^{\circ} 00' 00.0''$
$L = 99.35'$	$L = 49.14'$	$L = 104.86'$	$L = 45.74'$
$T = 49.80'$	$T = 32.09'$	$T = 52.57'$	$T = 22.91'$
$R = 572.96'$	$R = 30.00'$	$R = 572.96'$	$R = 301.56'$
$e = \text{See Plans}$	$e = \text{See Plans}$	$e = \text{See Plans}$	$e = \text{See Plans}$
Runoff = See Plans	Runoff = See Plans	Runoff = See Plans	Runoff = See Plans

* DESIGN EXCEPTION FOR HORIZONTAL ALIGNMENT REQUIRED.

DENOTES APPROACH SLAB
 DENOTES PAVEMENT REMOVAL

FOR -L- AND -Y- PROFILES,
SEE SHEET NO.5

SEE SHEETS S-1 THRU S-
FOR STRUCTURE PLANS

RUTH JOLLY WILSON
DB 150 PG 659
DB 145 PG 993

RUTH JOLLY WILSON
DB 150 PG 659
DB 145 PG 993

ROLAND W. DALE, et ux
HERMAN K. MCDOWELL, JR, et ux
DB 171 PG 909
PC A SLIDE 2A

