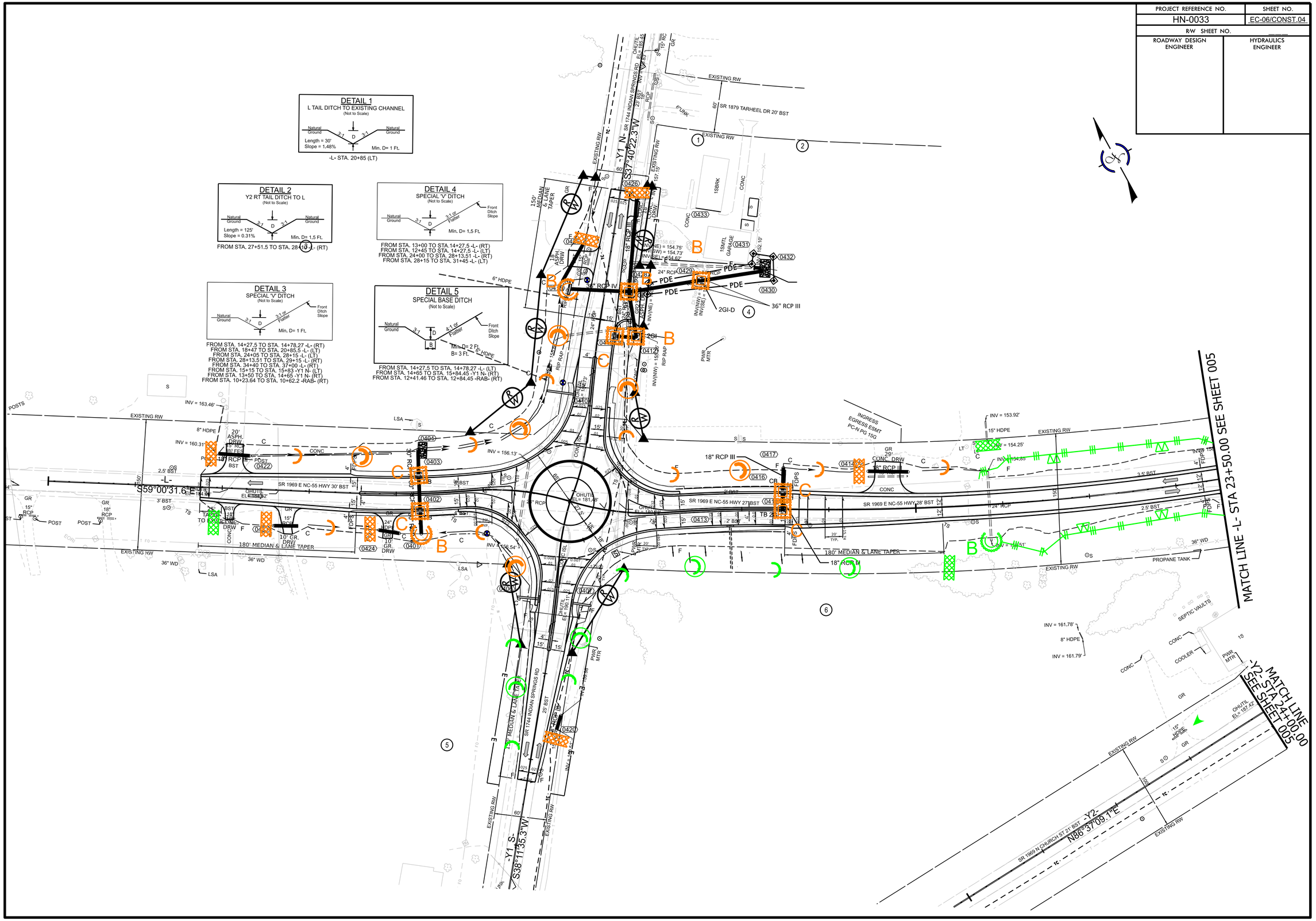
PROJECT REFERENCE NO.	SHEET NO.
HN-0033	EC-06/CONST.04
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER


DETAIL 1
L TAIL DITCH TO EXISTING CHANNEL
(Not to Scale)
Natural Ground
Natural Ground
3:1
3:1
D
Length = 30'
Slope = 1.48%
Min. D= 1 Ft.
-L- STA. 20+85 (LT)
DETAIL 2
Y2 RT TAIL DITCH TO L
(Not to Scale)
Length = 125'
Slope = 0.31%
Min. D= 1.5 Ft.
FROM STA. 27+51.5 TO STA. 28+13.51 -L- (RT)
DETAIL 4
SPECIAL "V" DITCH
(Not to Scale)
3:1 or Flatter
Front Ditch Slope
Min. D= 1.5 Ft.
FROM STA. 13+00 TO STA. 14+27.5 -L- (RT)
FROM STA. 12+45 TO STA. 14+27.5 -L- (LT)
FROM STA. 24+00 TO STA. 28+13.51 -L- (RT)
FROM STA. 28+15 TO STA. 31+45 -L- (LT)
DETAIL 3
SPECIAL "V" DITCH
(Not to Scale)
Min. D= 1 Ft.
FROM STA. 14+27.5 TO STA. 14+78.27 -L- (RT)
FROM STA. 18+47 TO STA. 20+85.5 -L- (LT)
FROM STA. 24+05 TO STA. 28+15 -L- (LT)
FROM STA. 28+13.51 TO STA. 29+15 -L- (RT)
FROM STA. 34+40 TO STA. 37+90 -L- (RT)
FROM STA. 15+15 TO STA. 15+83 -Y1 N- (LT)
FROM STA. 13+50 TO STA. 14+65 -Y1 N- (RT)
FROM STA. 10+23.64 TO STA. 10+62.2 -RAB- (RT)
DETAIL 5
SPECIAL BASE DITCH
(Not to Scale)
4:1 or Flatter
Min. D= 2 Ft.
B= 3 Ft.
6" HDPE
FROM STA. 14+27.5 TO STA. 14+78.27 -L- (LT)
FROM STA. 14+65 TO STA. 15+84.45 -Y1 N- (RT)
FROM STA. 12+41.46 TO STA. 12+84.45 -RAB- (RT)
-Y1 N- S37°40'22.3"W
-L- S59°00'31.6"
-Y1 S- S38°11'35.3"W
-Y2- N86°37'09.1"E
SR 1969 E NC-55 HWY 30' BST
SR 1969 E NC-55 HWY 27' BST
SR 1969 E NC-55 HWY 28' BST
SR 1744 INDIAN SPRINGS RD
SR 1879 TARHEEL DR 20' BST
SR 1969 N CHURCH ST 21' BST
EXISTING RW
180' MEDIAN & LANE TAPER
150' MEDIAN & LANE TAPER
MATCH LINE -L- STA 23+50.00 SEE SHEET 005
MATCH LINE -Y2- STA 24+00.00 SEE SHEET 005
INGRESS EGRESS ESMT PC-N PG 15G
PROPANE TANK
SEPTIC VAULTS
1SBRK
1SMTL GARAGE
CONC
PDE
2GI-D
36" RCP III
24" RCP
18" RCP III
36" RCP IV
8" HDPE
15" HDPE
6" HDPE
36" WD
POSTS
POST
LSA
PWR MTR
COOLER
OHUTIL
INV = 163.46'
INV = 160.31'
INV = 156.13'
INV = 156.54'
INV = 153.92'
INV = 154.25'
INV = 154.85'
INV = 154.51'
INV = 161.78'
INV = 161.79'
INV(NW) = 153.36'
INV(NE) = 154.75'
INV(SW) = 154.73'
INV(SE) = 154.62'
INV(NW) = 154.75'
INV(SW) = 154.73'
INV(SE) = 154.62'
EL= 181.48'
EL= 187.42'
EL= 187.32'
EL= 184.52'
EL= 184.94'
EL= 184.82'
EL= 184.62'
EL= 184.42'
EL= 184.32'
EL= 184.22'
EL= 184.12'
EL= 184.02'
EL= 183.92'
EL= 183.82'
EL= 183.72'
EL= 183.62'
EL= 183.52'
EL= 183.42'
EL= 183.32'
EL= 183.22'
EL= 183.12'
EL= 183.02'
EL= 182.92'
EL= 182.82'
EL= 182.72'
EL= 182.62'
EL= 182.52'
EL=