5/14/99

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

PROJECT REFERENCE NO.	SHEET NO.
R-5021	EC-54/CONST.17
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INTERSECTION OF NC 211 (-L-) AND SR 1571 (-Y5-)

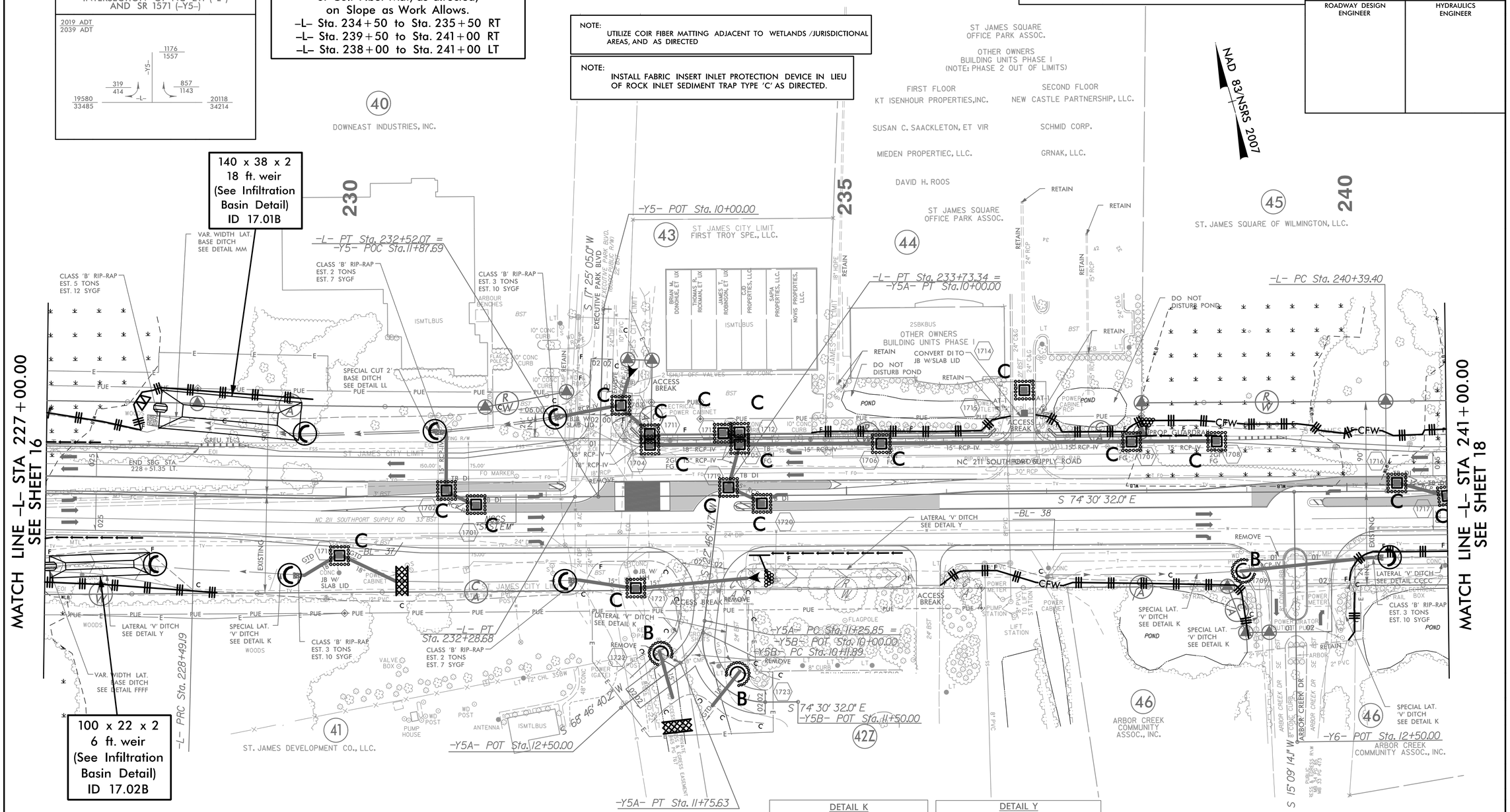
2019 ADT
2039 ADT

-Y5-: 1176 / 1557
-L-: 319 / 414 ; 857 / 1143
19580 / 33485 ; 20118 / 34214

Place Matting for Erosion Control or Coir Fiber Mat, as directed, on Slope as Work Allows.
-L- Sta. 234+50 to Sta. 235+50 RT
-L- Sta. 239+50 to Sta. 241+00 RT
-L- Sta. 238+00 to Sta. 241+00 LT

NOTE:
UTILIZE COIR FIBER MATTING ADJACENT TO WETLANDS /JURISDICTIONAL AREAS, AND AS DIRECTED

NOTE:
INSTALL FABRIC INSERT INLET PROTECTION DEVICE IN LIEU OF ROCK INLET SEDIMENT TRAP TYPE 'C' AS DIRECTED.



DETAIL MM
VAR. WIDTH LATERAL BASE DITCH
(Not to Scale)
Natural Ground; 3:1; D; B; 4:1 or Flatter; Fill Slope
Min. D=1.0 TO 0.0 Ft.
B= 2.0 TO 10.0 Ft.
FROM -L- STA. 228+00 TO STA. 229+00 LT

DETAIL LL
SPECIAL CUT BASE DITCH
(Not to Scale)
Natural Ground; 3:1; D; B; 4:1 or Flatter; Front Ditch Slope
Min. D= 1.5 Ft.
B= 2.0 Ft.
FROM -L- STA. 229+00 TO STA. 232+20 LT

DETAIL CCCC
LATERAL 'V' DITCH
(Not to Scale)
Natural Ground; 3:1; D; 3:1; b; 1'/Ft.; Fill Slope
Min. D= 1.0 Ft.
b= 2.0 Ft. (Min.)
FROM -L- STA. 240+25 TO STA. 241+00 RT

DETAIL FFFF
VAR. WIDTH LATERAL BASE DITCH
(Not to Scale)
Natural Ground; 3:1; D; B; 3:1; b; 1'/Ft.; Fill Slope
Min. D= 1.0 to 0.0 Ft.
B= 0.0 to 8.0 Ft.
b= 2.0 Ft. (Min.)
FROM -L- STA. 227+00 TO STA. 227+50 RT

DETAIL K
SPECIAL LATERAL 'V' DITCH
(Not to Scale)
Natural Ground; 3:1; D; 4:1 or Flatter; Fill Slope
Min. D= 1.0 Ft.
FROM -L- STA. 237+00 TO STA. 238+93 RT
FROM -Y6- STA. 10+75 TO STA. 11+25 LT
FROM -Y6- STA. 10+75 TO STA. 11+25 RT
FROM -L- STA. 228+25 TO STA. 232+30 RT
FROM -Y5A- STA. 11+00 TO STA. 12+25 RT
FROM -Y5B- STA. 10+00 TO STA. 11+00 LT

DETAIL Y
LATERAL 'V' DITCH
(Not to Scale)
Natural Ground; 3:1; D; 3:1; b; 1'/Ft.; Fill Slope
Min. D= 1.0 Ft.
b= 5.0 Ft.
FROM -L- STA. 227+50 TO STA. 228+25 RT
FROM -L- STA. 233+25 TO STA. 235+50 RT

11/23/2018
R-5021_EC_PSH17.dgn
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