
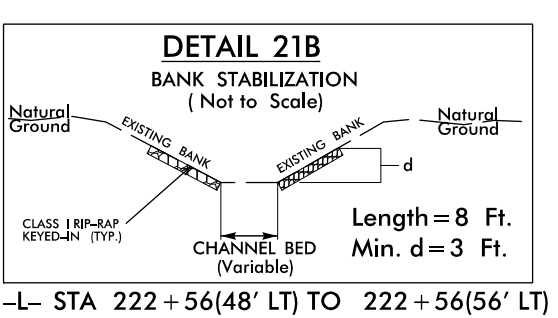
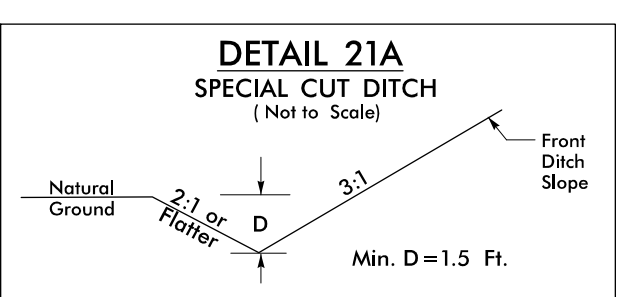
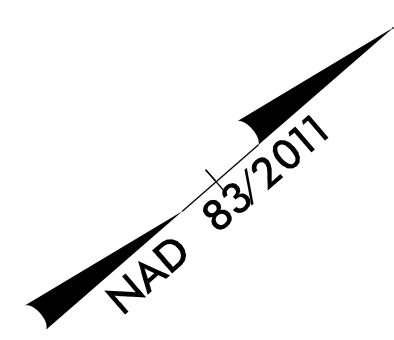


PROJECT REFERENCE NO.	SHEET NO.
A-0009CB	EC-05/CONST.21
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
 TGS ENGINEERS 201 W. MARION ST-STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	



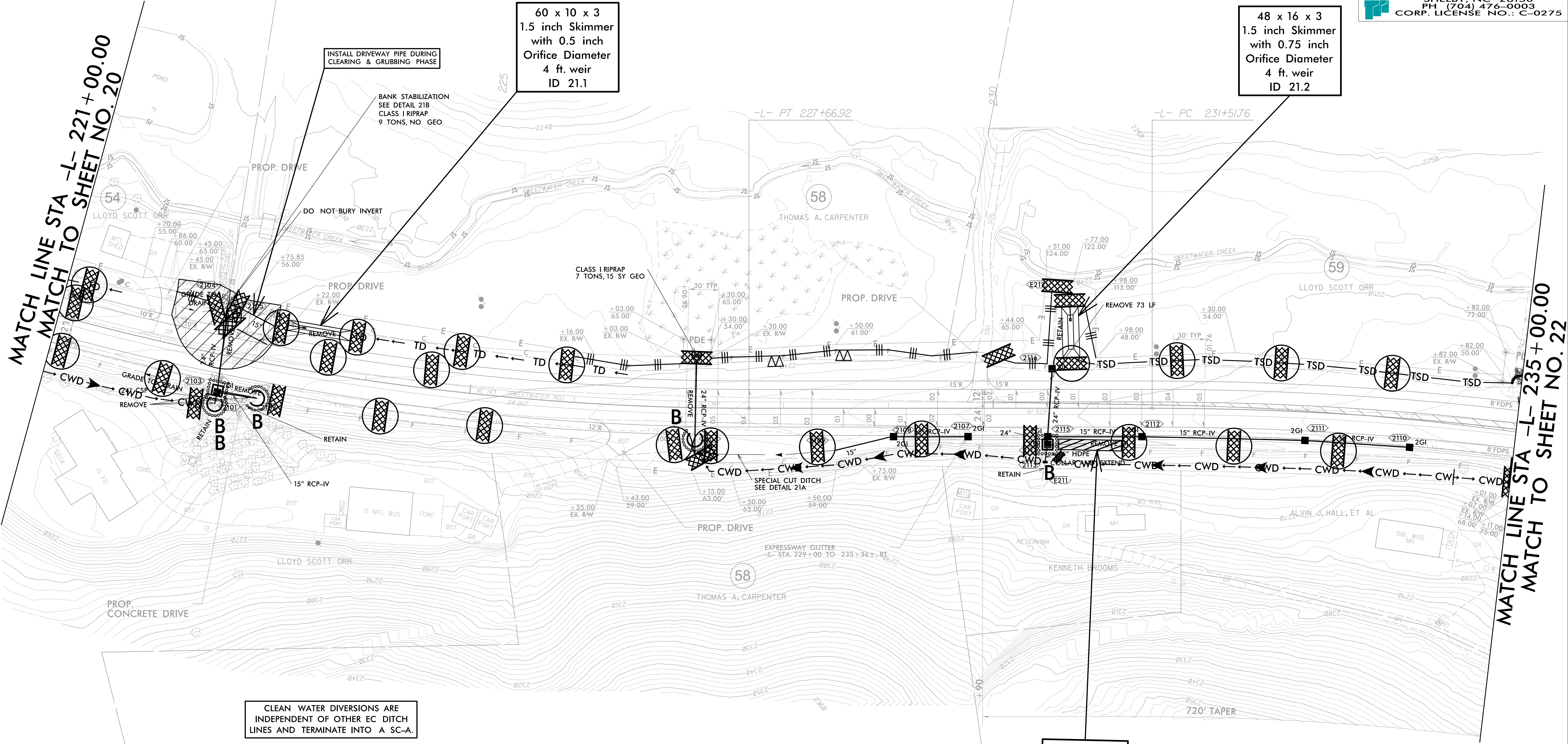
-L- STA 227+16 TO 228+50 RT
SEE PFL FOR DITCH GRADES

-L- STA 222+56(48' LT) TO 222+56(56' LT)



MATCH LINE STA -L- 221+00.00
MATCH TO SHEET NO. 20

MATCH LINE STA -L- 235+00.00
MATCH TO SHEET NO. 22



INSTALL DRIVEWAY PIPE DURING CLEARING & GRUBBING PHASE

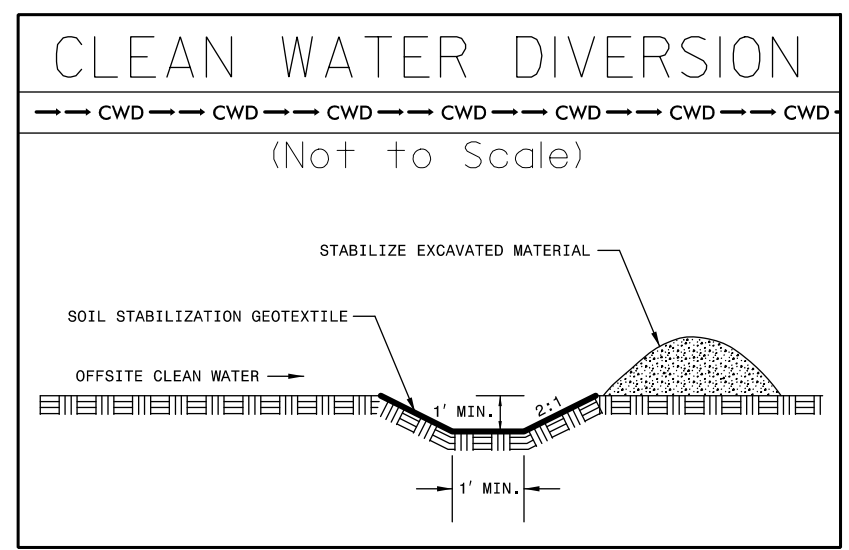
BANK STABILIZATION
SEE DETAIL 21B
CLASS I RIPRAP
9 TONS, NO GEO

60 x 10 x 3
1.5 inch Skimmer
with 0.5 inch
Orifice Diameter
4 ft. weir
ID 21.1

48 x 16 x 3
1.5 inch Skimmer
with 0.75 inch
Orifice Diameter
4 ft. weir
ID 21.2

60 x 10 x 3
ID 21.3

CLEAN WATER DIVERSIONS ARE INDEPENDENT OF OTHER EC DITCH LINES AND TERMINATE INTO A SC-A.



CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 21

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

 ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

INSTALL PIPE(S) IN JURISDICTIONAL AREAS WITHOUT IMPACTING STREAM UNTIL AREA STABILIZED AND ACCORDING TO NCDOT BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES MANUAL.