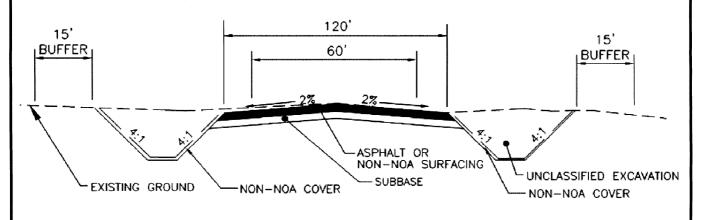
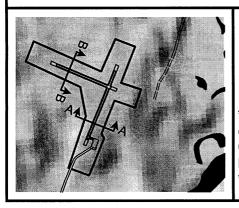


### **RUNWAY 18/36 TYPICAL FILL SECTION A**



### **RUNWAY 9/27 TYPICAL FILL SECTION B**



TYPICAL SECTIONS: RUNWAY TYPICAL SECTIONS SHEET 4 OF 8

\* Non-NOA Cover = Material that does not contain Naturally Occurring Asbestos above 0.25% by weight

\* Drawing Not to Scale

USACE PERMIT # POA-2012-549, AMBLER RIVER

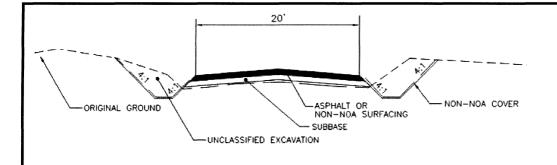
NAME: AMBLER AIRPORT

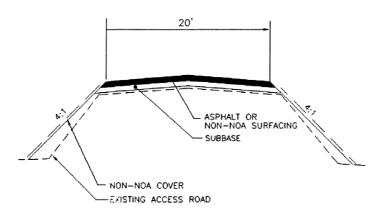
IMPROVEMENTS, Project # 61303

LOCATION: USGS Ambler River A-4; Kateel River Meridian;

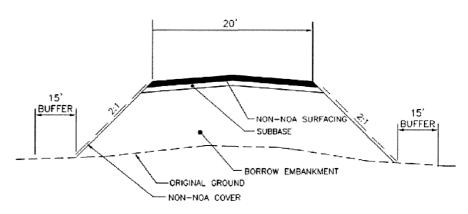
T20N, R5E;

Sections 19, 20, 21, 29, 30, and 31

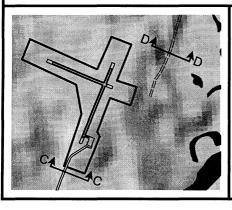




## WARING STREET TYPICAL FILL SECTION C



#### MATERIAL SITE ROAD TYPICAL FILL SECTION D



TYPICAL SECTIONS:
WARING ST. AND MATERIAL
SITE ROAD TYPICAL SECTIONS
SHEET 5 OF 8

\* Non-NOA Cover = Material that does not contain Naturally Occurring Asbestos above 0.25% by weight

\* Drawing Not to Scale

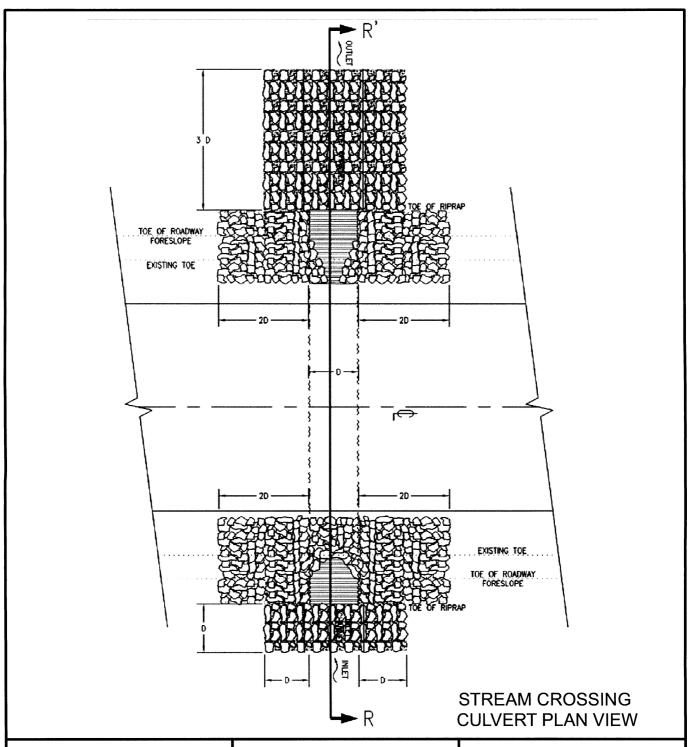
USACE PERMIT # POA-2012-549, AMBLER RIVER

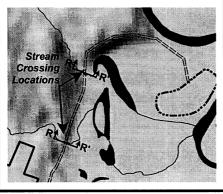
NAME: AMBLER AIRPORT IMPROVEMENTS, Project # 61303

LOCATION: USGS Ambler River A-4; Kateel River Meridian;

T20N, R5E;

Sections 19, 20, 21, 29, 30, and 31





STREAM CROSSING STRUCTURE DETAILS: PLAN VIEW SHEET 6 OF 8

\* D = Diameter of culvert

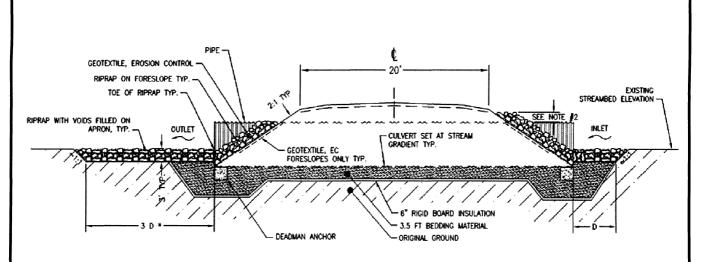
(D = 7.5' & 9' for two culverts on Material Site Access Road)

\* Drawing Not to Scale

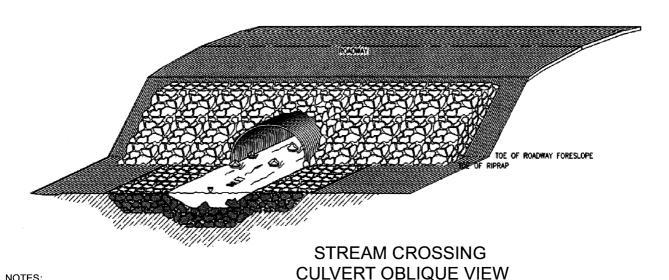
USACE PERMIT # POA-2012-549, AMBLER RIVER NAME: AMBLER AIRPORT IMPROVEMENTS, Project # 61303

LOCATION: USGS Ambler River A-4; Kateel River Meridian; T20N, R5E;

Sections 19, 20, 21, 29, 30, and 31

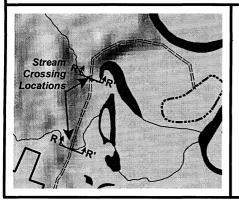


## STREAM CROSSING **CULVERT TYPICAL SECTION R-R'**



NOTES:

- 1. Erosion control structures are approximate and may be field adjusted by the engineer to take advantage of existing channel features.
- 2. Extend riprap 3 feet above the pipe on the inlet side or to edge of shoulder, whichever is less. On the outlet side, the riprap shall extend to the top of the pipe.
- 3. Fill voids in the inlet and outlet channel botton riprap aprons with gravel.



STREAM CROSSING STRUCTURE **DETAILS: TYPICAL SECTION** SHEET 7 OF 8

- \* D = Diameter of Culvert Pipe
- \* Drawing Not to Scale

USACE PERMIT # POA-2012-549, AMBLER RIVER

NAME: AMBLER AIRPORT

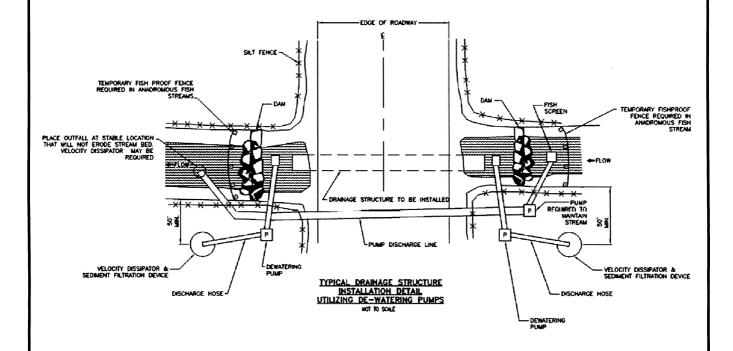
IMPROVEMENTS, Project # 61303

LOCATION: USGS Ambler River A-4;

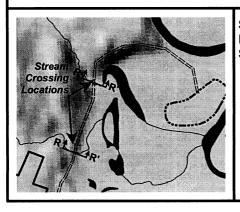
Kateel River Meridian;

T20N, R5E;

Sections 19, 20, 21, 29, 30, and 31



# TYPICAL DRAINAGE STRUCTURE INSTALLATION DETAIL UTILIZING DE-WATERING PUMPS



STREAM CROSSING STRUCTURE DETAILS: CONSTRUCTION DETAILS SHEET 8 OF 8

\* Drawing Not to Scale

USACE PERMIT # POA-2012-549, AMBLER RIVER

NAME: AMBLER AIRPORT

IMPROVEMENTS, Project # 61303

LOCATION: USGS Ambler River A-4;

Kateel River Meridian;

T20N, R5E:

Sections 19, 20, 21, 29, 30, and 31