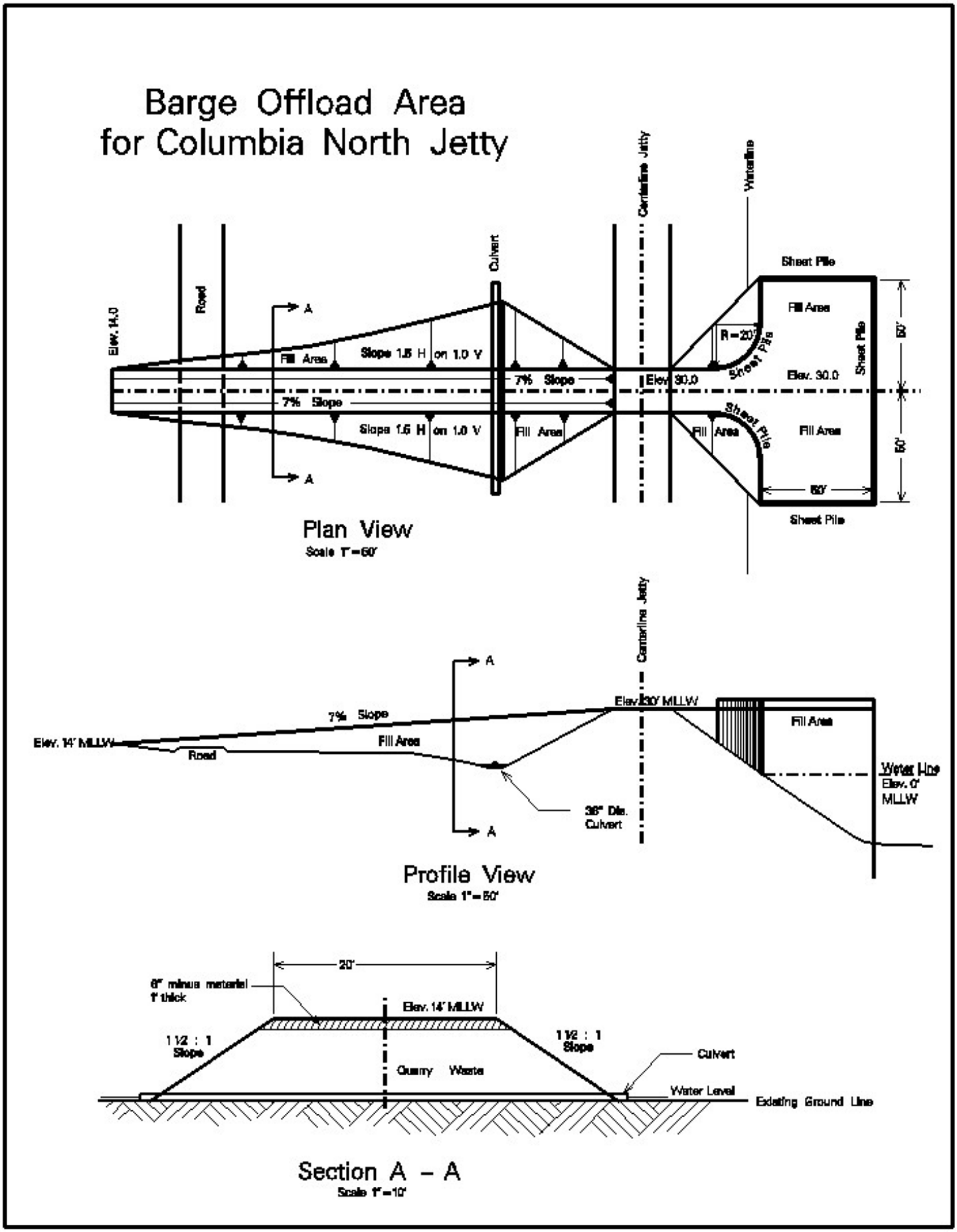
Barge Offload Area
for Columbia North Jetty
Centerline Jetty
Waterline
Culvert
Road
Elev. 14.0
A
Fill Area
Slope 1.5 H on 1.0 V
7% Slope
Elev. 30.0
R=20'
Sheet Pile
Fill Area
Sheet Pile
Elev. 30.0
50'
50'
Sheet Pile
Plan View
Scale 1"=50'
Centerline Jetty
Elev. 30' MLLW
7% Slope
Elev. 14' MLLW
Road
Fill Area
Fill Area
Water Line
Elev. 0'
MLLW
36" Dia.
Culvert
Profile View
Scale 1"=50'
20'
6" minus material
1' thick
Elev. 14' MLLW
1 1/2 : 1
Slope
1 1/2 : 1
Slope
Culvert
Quarry Waste
Water Level
Existing Ground Line
Section A – A
Scale 1"=10'

Figure 3