

REFERENCE	X_LOCAL	Y_LOCAL
g	23502.95	47340.95
h	24144.89	47616.79
i	24366.25	47293.27
j	23686.85	46976.55

REFERENCE	X_LOCAL	Y_LOCAL
A	22000.17	46944.78
B	23477.95	47396.55
C	23820.32	46667.23
D	22652.37	46349.71
E	21538.72	46302.73
F	21230.07	46802.74

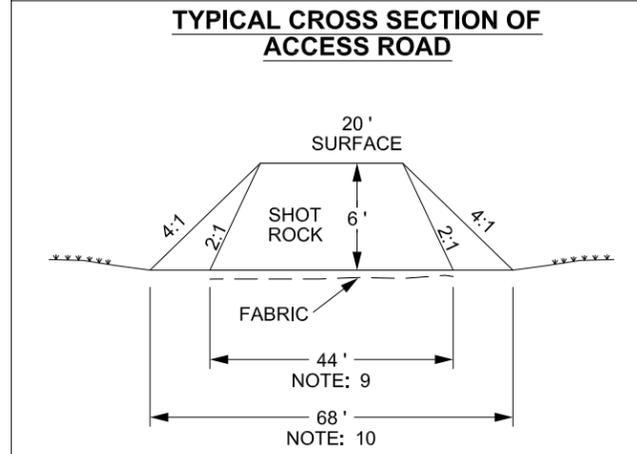
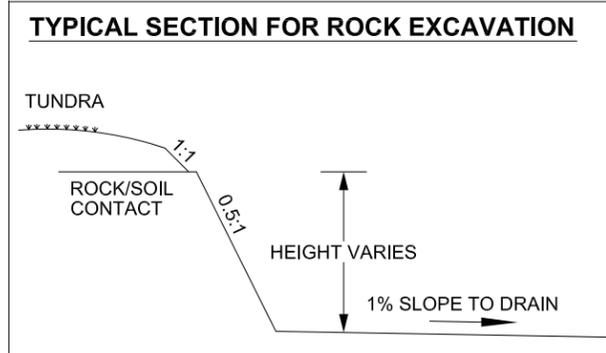
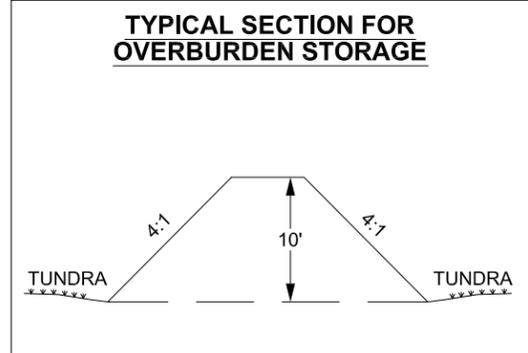
ROCK QUARRY DEVELOPMENT:

1. DEVELOP WORKING PADS AND A 40 FT. FACE FOR ROCK EXTRACTION. PADS AND ACCESS ROADS WITHIN THE PERMITTED MATERIAL SITE WILL BE BUILT AS NECESSARY TO SUPPORT OPERATIONS.
2. EXCAVATE MATERIALS FOR CRUSHING (MINUS 0.5 FT MATERIAL) AND STOCKPILE.
3. EXCAVATE RIP RAP SIZED MATERIAL (0.5 FT. TO 1.5 FT.) AND STOCKPILE.
4. EXCAVATE > 1.5 FT. SIZED ROCK AND STOCKPILE.

DETERMINE THE CAPABILITY OF THE QUARRY FOR VARIOUS SIZED ROCK MATERIALS BASED ON ITS PERFORMANCE DURING SHOTS AND MOVING MATERIALS. WHAT SIZE OF ROCK CAN BE MANUFACTURED FROM THE SOURCE.

NOTE:

1. STAKE ROAD ALIGNMENT AND MATERIAL SITE BOUNDARIES PRIOR TO MOVING EQUIPMENT UP THE HILL OR PERFORMING STRIPPING OF OVERBURDEN AT THE MATERIAL SITE.
2. NO EXCAVATED MATERIALS SHALL BE PLACED OUTSIDE THE MATERIAL SITE BOUNDARIES.
3. EXCAVATED SLOPES IN ROCK SHALL BE 0.5 FT. (HORZ.), 1 FT. (VERT.).
4. OVERBURDEN SOILS SHALL BE PLACED INTO STOCKPILES NO MORE THAN 10 FT. IN HEIGHT. SLOPES SHALL BE 4 FT. (HORZ.), 1 FT. (VERT.). DURING INITIAL QUARRY DEVELOPMENT THE OVERBURDEN SOILS MAY ALSO BE USED TO BUILD WORKING PADS WITHIN THE MATERIAL SITE.
5. REFER TO TEST HOLE LOGS FOR SOIL TYPES AND ANALYTICAL RESULTS.
6. STAGING PAD SHALL BE MINIMUM 4 FT. IN HEIGHT WITH 4:1 SIDE SLOPES.
7. CONTROL SURFACE WATER RUN-OFF AND/OR RESEED AS INDICATED IN THE SWPP PLAN.
8. ACCESS ROAD SHALL BE 6 FT. OF FILL. USE STABILIZATION FABRIC PRIOR TO PLACING FILL. THE ROAD WILL BE CONSTRUCTED IN STAGES (BUILT UP TO 6 FT. OF FILL)
 - A. INSTALL 24 INCH CULVERTS WHERE NECESSARY.
9. USE 2:1 SLOPES FOR THE EXCAVATED ROCK (SHOT ROCK) EMBANKMENT.
10. IF RE-SEEDING IS NECESSARY FOR THE SHOT ROCK EMBANKMENT USE 4:1 SLOPES IF OVERBURDEN SOILS ARE USED PRIOR TO SEEDING.
 - A. FABRIC UNDER THIS AREA IS NOT NECESSARY.



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PLOT STYLE: half-english.ctb

ADDENDUM NUMBER		
ATTACHMENT NUMBER		
RECORD OF REVISIONS		
No.	DATE	DESCRIPTION

LEGEND

- TEST HOLE
- BOULDER FIELDS

WORK TO BE PERFORMED BY:
USAF ANG 201 & 202
RHS

TIME PERIOD:
SUMMER 2011 TO 2013

DESIGNED BY: CRAIG BOECKMAN, AKDOT&PF
CENTRAL REGION MATERIALS
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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
CENTRAL REGION MATERIALS
MERTARVIK RELOCATION PROJECT

MERTARVIK MINING PLAN
DEC. 28, 2010

PROJECT DESIGNATION	
XXXXX	
STATE	YEAR
ALASKA	2010
SHEET NUMBER	TOTAL SHEETS
1	1