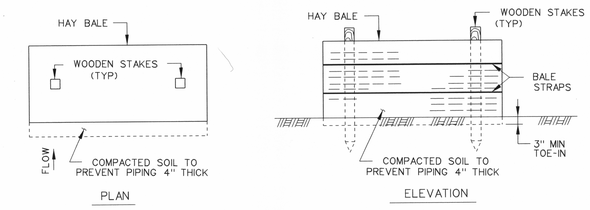
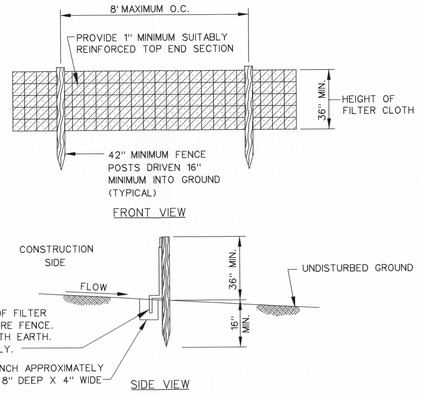


TYPICAL HAY BALE DETAIL



TYPICAL SILT FENCE DETAIL

SILT FENCE AND HAY BALES DETAIL (1 / 4A 10A)

NOT TO SCALE

NOTES:

1. FASTEN WOVEN WIRE FENCE TO UPSLOPE SIDE OF FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FASTEN FILTER CLOTH SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24 INCHES AT TOP AND MID SECTION AND BOTTOM.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE FASTENED TO POSTS AND OVERLAPPED TO THE NEXT POST.
4. PERFORM INSPECTIONS AFTER EACH RAIN AND CONDUCT MAINTENANCE AS NEEDED AND REMOVE DEPOSITED SILT WHEN "BULGES" DEVELOP IN THE SILT FENCE.
5. REMOVE SILT FENCE AFTER FINAL GRADING IS COMPLETED.
6. DETAIL NOT SHOWN ON CONTRACT DRAWING TEMPORARY SILT FENCE SHALL BE INSTALLED BY CONTRACTOR TO CONTROL EROSION AND SEDIMENT WHERE NEEDED, IN ADDITION TO SUPER SILT FENCE.

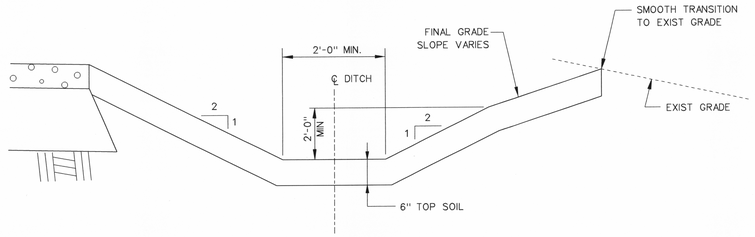
MATERIALS:

POSTS:
STEEL EITHER T OR U TYPE OR 2" HARDWOOD

FENCE:
WOVEN WIRE, 14 GAUGE 6" MAX. MESH OPENING

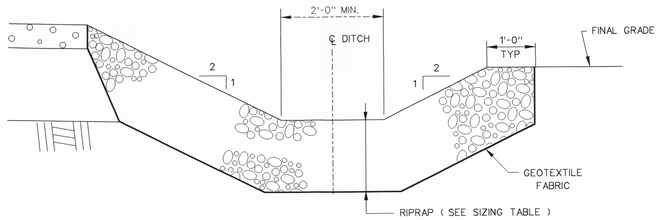
FILTER CLOTH:
WOVEN POLYPROPYLENE MEETING A.A.S.H.T.O. M288-92

PREFABRICATED UNIT:
EQUIPPED WITH WOODEN OR METAL POSTS, ONE POLE EVERY 6', MEETING THE MATERIAL REQUIREMENTS ABOVE



GRASSED DITCH DETAIL (2 / 6B 10A)

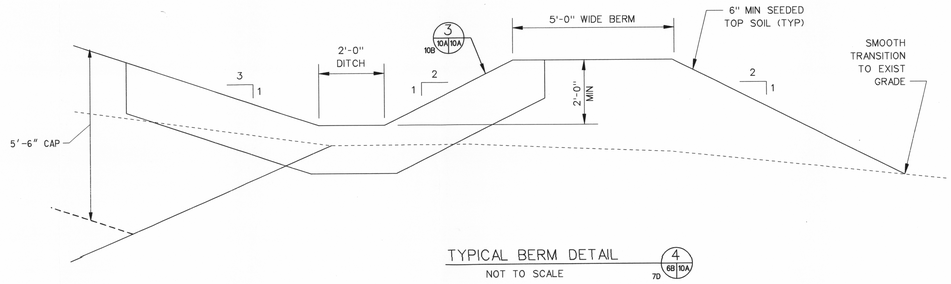
NOT TO SCALE 7A,7C,7D



RIP RAP DITCH DETAIL (3 / 6B 10A)

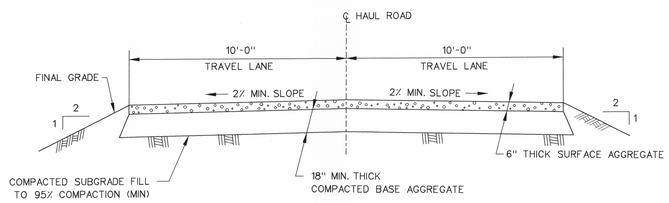
NOT TO SCALE 7A,7C,7D

RIPRAP SIZING TABLE					
TYPE	A	B	C	D	SPILLWAY
PERCENT SMALLER DIA. (FT)					
100	2.5	2.5	1.5	2.2	2.5
85	2.1	2.1	1.2	1.8	2.2
50	1.6	1.6	1.0	1.4	1.7
15	0.8	0.8	0.5	0.7	0.8
NSA NO.	R-7	R-7	R-5	R-6	R-7
THICKNESS	3.2 FT	2.7 FT	1.9 FT	2.8 FT	3.4 FT



TYPICAL BERM DETAIL (4 / 6B 10A)

NOT TO SCALE 7D



HAUL ROAD DETAIL (5 / 9A 10A)

NOT TO SCALE 10B

PLAN

40 0 40 80 120

SCALE IN FEET

ISSUE	DESCRIPTION	CHECKED / CORRECT / APPR / DATE
6		
5		
4		
3		
2		
1	FOR NRC DECOMISSIONING PLAN NOT FOR CONSTRUCTION	RFD / JAS / HCR / Bmm 6/29/10

MODEL ARCH CIVIL CONC STL L & P INST M.D. P.S. S.A. FAC ELEC LTG MATL

DESIGNED BY — DRAWN BY R.F.DONOVAN — DSGN CHK'D BY — CHK'D BY — AREAS — LEVELS — WORK PKG — PCT

CAD FILE: MOLY60X10A.DGN

CIVIL DETAILS SH. 1
STORAGE CELL DESIGN

MOLYCORP, INC.
300 CALDWELL AVENUE WASHINGTON, PA

STONE & WEBSTER ENGINEERING CORPORATION
BOSTON, MASS.

DRAWING NUMBER 10034.01-EY-10A-1

THIS DRAWING CREATED ELECTRONICALLY

HALF-SIZE — SCALE — APP. CARD

REF: FROM: B. MCCAMPBELL — SURV: G. DOTTON