

LEGEND

PROPOSED	EXISTING	DESCRIPTION
---	---	PROPERTY LINE
---	---	DIRT ROAD
---	---	PAVED ROAD
105	105	5 FOOT CONTOUR
X 103.0	X	1 FOOT CONTOUR
X	X	SPOT ELEVATION
---	---	FENCE LINE
---	---	RAILROAD TRACK
---	---	EDGE OF WATER
---	---	LIMIT OF BRUSH
---	---	LIMIT OF VEGETATION
---	---	BUILDING
---	---	TREE
---	---	CATCH BASIN



INSTALL 20' WIDE DOUBLE CHAIN LINK GATE. SEE INSTALLATION DETAIL ON DWG. D-2.

CLEAR AND GRUB WITHIN THIS BOUNDARY

DENSE VEGETATION

INSTALL HAYBALE BACKED SILT FENCE ALONG INSIDE OF CHAIN LINK FENCE

15' WIDE GRAVEL ROAD. SEE DETAIL, DWG. D-2.

DRAINAGE CHANNEL

REPLACE CHAIN LINK FENCE TO MATCH EXISTING. SEE INSTALLATION DETAIL ON DWG. D-2.

CLEAR AND GRUB WITHIN THIS BOUNDARY

4"-6" RIPRAP APRON (15" THICK) (d₅₀=5") FLUSH WITH GROUND SURFACE

INSTALL HAYBALE BACKED SILT FENCE ALONG CHAIN LINK FENCE

STORMWATER DETENTION/RECHARGE AREA
FORMER THERMAL COOLING POND

4"-6" RIPRAP APRON (15" THICK) (d₅₀=5") FLUSH WITH GROUND SURFACE

SOURCE: PHOTOMETRIC SURVEY BY PROMAPS DATED JANUARY 18, 2005.

NOTE: HORIZONTAL DATUM IS NEW JERSEY STATE PLANE COORDINATES NAD '83.

VERTICAL DATUM IS NAVD 88.

IN-SITU SOIL MOISTURE MONITORING STATION (TYP: 6 LOCATIONS). SEE DETAIL ON DRAWING D-3.

SEE TYPICAL ENGINEERED BARRIER TOP SHOULDER DETAIL, DRAWING D-1 FOR EXACT LOCATION OF TRANSITION

STORMWATER DETENTION/RECHARGE AREA

15' WIDE GRAVEL ROAD. SEE DETAIL, DWG. D-2.

LIMIT OF CLAY BARRIER LAYER

INSTALL HAYBALE BACKED SILT FENCE

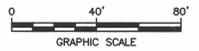
6" WIDE GRANITE CURBING TO EVENLY DISSIPATE FLOW OVER WEIR. SEE DETAIL, DWG. D-2. TOP ELEV.=99.0

REPLACE CHAIN LINK FENCE TO MATCH EXISTING. SEE INSTALLATION DETAIL ON DWG. D-2.

REPLACE CHAIN LINK FENCE TO MATCH EXISTING. SEE INSTALLATION DETAIL ON DWG. D-2.

2-36" DIA. C.M.P. DRAINAGE PIPES 85' LONG WITH CONCRETE HEADWALLS. SEE DETAILS, DWG. D-2.

CLEAR AND GRUB WITHIN THIS BOUNDARY



NO.	REVISIONS	DATE	APPROVAL

DATE: 08/19/09
 CARL N. STOFFER
 PROFESSIONAL ENGINEER
 NJ PE #GE 37254

SHIELDALLOY METALLURGICAL CORPORATION
 NEWFIELD, NEW JERSEY
 DECOMMISSIONING PLAN FOR THE SMC FACILITY
 REV. 1B

STORAGE YARD ENGINEERED BARRIER
FINAL GRADING PLAN WITH ROCK PLACEMENT
 D-07

CTRC
 21 Griffin Road North
 Windsor, CT 06095
 (860) 298-9692

DESIGN: SWL	8/13/09
DRAWN: KDH	8/13/09
CHECKED: CHS	8/13/09
SCALE: 1"=40'	
PROJECT: 105106-00000-000100	
DRAWING	

C-6