



4430 BENCH PHASE I/II LINER INTEGRATION DETAIL
NOT TO SCALE

Phase I/II Liner Integration Sequence:

1. Remove the roadway materials to expose the outermost 7 feet of the Phase I liner system (this will be the portion of the liner that lies on the slope between the anchor trench at elevation 4432 and the flatter portion of the liner at elevation 4430). The remaining roadway materials inside the repair area will remain covered for temporary stability ballast while liner integration is performed.
2. Pull back the protective geotextile fabric to expose the Phase I primary HDPE liner.
3. Cut only the Phase I primary HDPE geomembrane liner and Phase I geonet along the top of the anchor trench, leaving the Phase I secondary HDPE geomembrane liner anchor intact within the trench.
4. Clean the full exposed surface of the Phase I secondary HDPE geomembrane liner and prepare it for welding.
5. Place the Phase II secondary HDPE geomembrane liner over the Phase I secondary HDPE geomembrane liner, providing a minimum overlap of 7 feet inboard of the Phase I anchor trench. Provide continuous welds along the edges of both the Phase I and Phase II liners and elsewhere per the HDPE geomembrane manufacturer.
6. Lay the Phase I primary geonet back over the spliced secondary HDPE geomembrane liner. Trim the edge of the Phase I geonet to provide a clean edge for butt splicing to the Phase II geonet. Splice the Phase I and Phase II geonet per manufacturer recommendations.
7. Lay the Phase I primary HDPE geomembrane liner back over the spliced Phase I and Phase II geonet, and prepare it for welding.
8. Lay the Phase II primary HDPE geomembrane liner over the Phase I primary HDPE geomembrane liner. Provide continuous welds along both edges of the Phase I and Phase II primary geomembrane liners and elsewhere per the HDPE geomembrane manufacturer.
9. Replace the protective geotextile fabric and reconstruct the access road section as before.

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NO.	REVISIONS	BY	DATE	ENGINEER'S SEAL	ISSUED FOR	ISSUED BY	SCALE:	AS SHOWN	SHOOTARING CANYON URANIUM MILL TAILINGS STORAGE FACILITY		
A	ISSUED FOR LICENSE AMENDMENT REQUEST	MSA	5/16/08				DESIGNED BY:	MSA	PHASE I/II LCS/LDS INTEGRATION DETAILS		
-	-	-	-				DRAWN BY:	TGB			
-	-	-	-				CHECKED BY:	MSA			
-	-	-	-				APPROVED BY:	MMD			
-	-	-	-				FILE NAME:	DWG-P2-SYS			
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-	-	-	-								
								PROJECT NO.:	181692	DATE:	MAY 2008

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REVISION

DRAWING NO.

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