

**Project Proposal** 

Carmacks Copper Project Yukon Territory

Appendix A

**Detailed Project Design Drawings** 

## Appendix A – Detailed Project Design Drawings

The original drawings in Appendix A are from Kilborn, and Knight Piésold, and have been modified/revised slightly from their original format. The original engineering design content for the most part has not been modified.

Modifications to the original drawings include:

- Removing grid lines;
- Removing the water storage area which is no longer included in this project;
- Removing old trails;
- Removing mineral claims;
- Changing the original AutoCAD pen settings;
- Replacing the original title block with the Access Consulting Group title block; and
- All drawings are marked "not for construction".

## List of Drawings

ACG-WS-01.000 Aerial Photo of Carmacks Copper Project Area

- 100-13-05 Roads Sections and Details Sheet 1 of 2
- 100-13-06 Sections and Details Sheet 2 of 2
- 100-13-08 Overall Site Plan Ultimate
- 100-13-09 Plantsite Layout Plan
- 100-13-14 Camp Layout Plan
- 100-13-20 Fresh Water Booster Pumphouse Plan and Sections
- 100-13-21 Water Distribution Pumphouse Plan, Sections & Details
- 100-13-23 Fuel Storage, Diesel Generators Plantsite Plan, Sections, Details
- 100-13-24 Fuel Storage Service Complex Plan, Sections & Details
- 100-13-27 Water Supply Diagram
- 100-13-28 Water Distribution Diagram
- 100-13-29 Water Supply Pipeline Plan and Profile
- 100-13-45 Overall Site Plan Year 2
- 100-13-46 Project Site Plan Earthworks Sheet 1
- 100-13-60 Overall Site Conceptual Reclamation/Closure Plan
- 200-03-01 Crushing and Screening Flowsheet #1
- 400-03-03 Solvent Extraction & Stripping Flowsheet #3

- 400-03-04 Flotation & Organic Treatment Flowsheet #4
- 400-03-05 Electrowinning Flowsheet #5
- 400-03-06 Reagents Flowsheet #6
- 400-03-07 Ancillary Facilities Flowsheet #7
- 400-03-08 Water and Air Flowsheet #8
- 400-03-12 Sulphuric Acid Plant Flowsheet #10
- 400-03-13 Sulphuric Acid Plant Stream Distribution Diagram
- 400-10-06 Recovery Overall General Arrangement Plan
- 400-10-07 Solvent Extraction General Arrangement Plan
- 400-10-09 Solvent Extraction General Arrangement Sections
- 400-10-11 Electrowinning Building Plan
- 400-10-16 Suphuric Acid Plant Site Layout
- 700-03-02 Leaching Flowsheet #2
- 800-05-13 Open Pit Plan Pre-Production Stripping
- 800-05-14 Open Pit Plan End of Year 2
- 800-05-15 Open Pit Plan End of Year 4
- 800-05-16 Open Pit Plan End of Year 6
- 800-05-17 Open Pit Plan End of Year 8 Ultimate Pit
- 1784\_000 General Arrangement
- 1784\_100 Site Investigations Plan
- 1784\_101 Heap Leach Pad Geologic Sections Sheet 1 of 2
- 1784\_102 Heap Leach Pad Geologic Sections Sheet 2 of 2
- 1784\_103 Waste Rock Storage Geologic Sections
- 1784.301 Waste Rock Storage Area Foundation Preparation Plan
- 1784.302 Waste Rock Storage Area Sections and Details
- 1785.202 Heap Leach Facility Overall Rough Grading Plan
- 1785.215 Events Pond Foundation Drainage and Grading Plan
- 1785.216 Events Pond Sections and Details Sheet 1 of 2
- 1785.217 Events Pond Sections and Details Sheet 2 of 2
- 1785.218 Sediment Control Pond Plan, Sections and Details

ACG-WS-01.001 Conceptual Heap Leach Facility Closure



## Project Description & Environmental Assessment Report

Carmacks Copper Project Yukon Territory

WESTERN SILVER CORPORATION

## Aerial Photo of Carmacks Copper Project Area

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ACG-WS-01.000

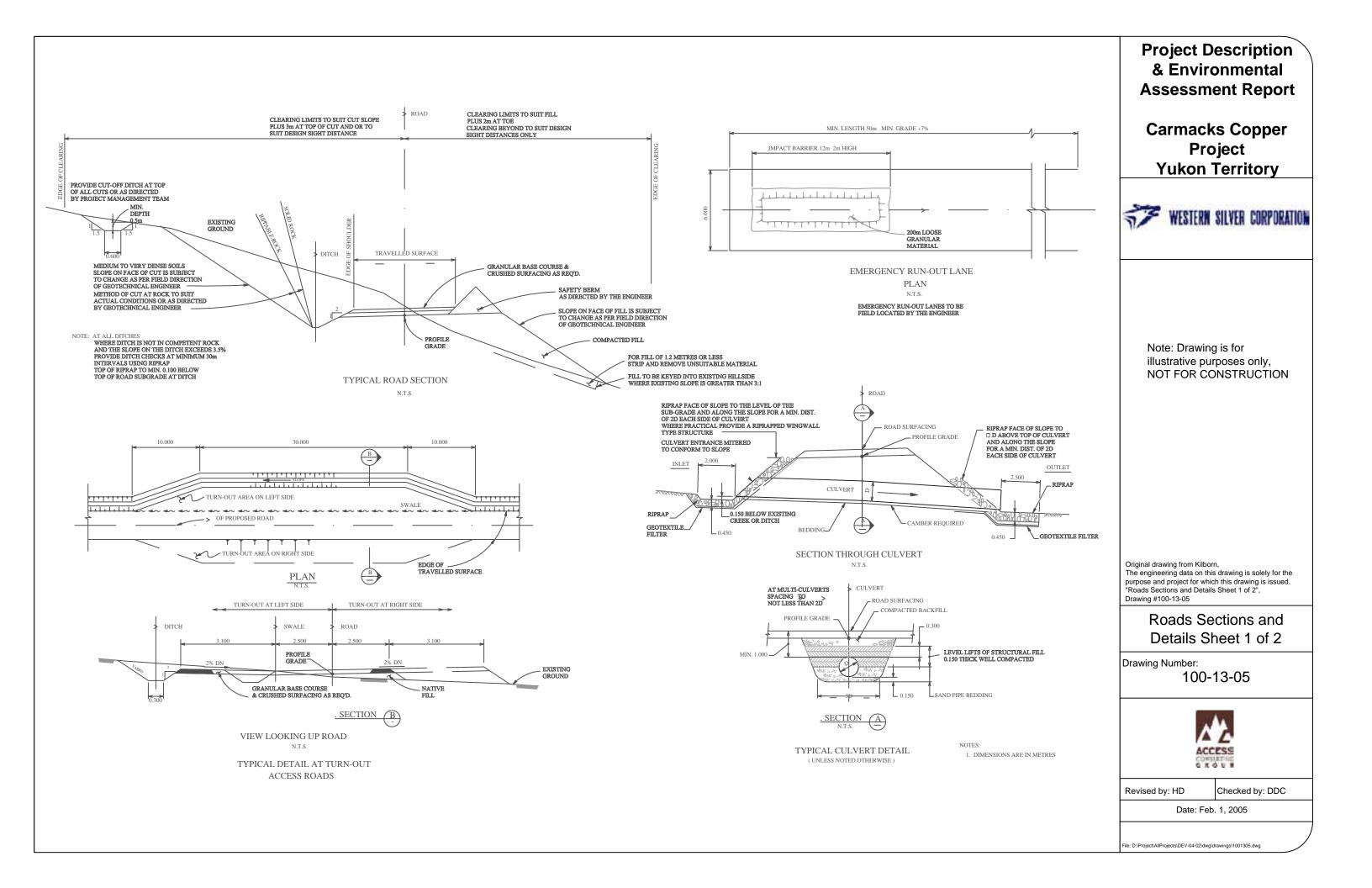
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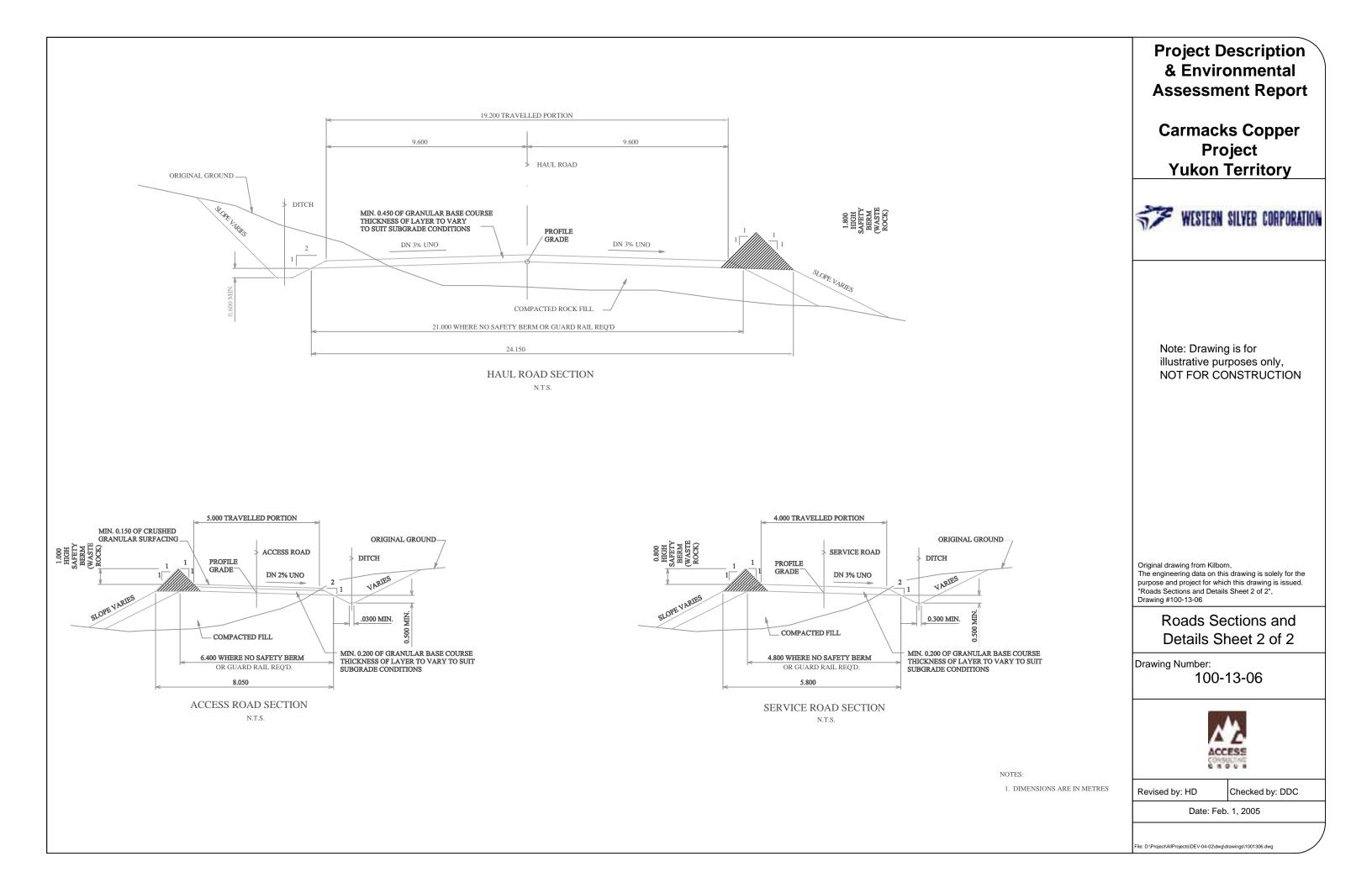


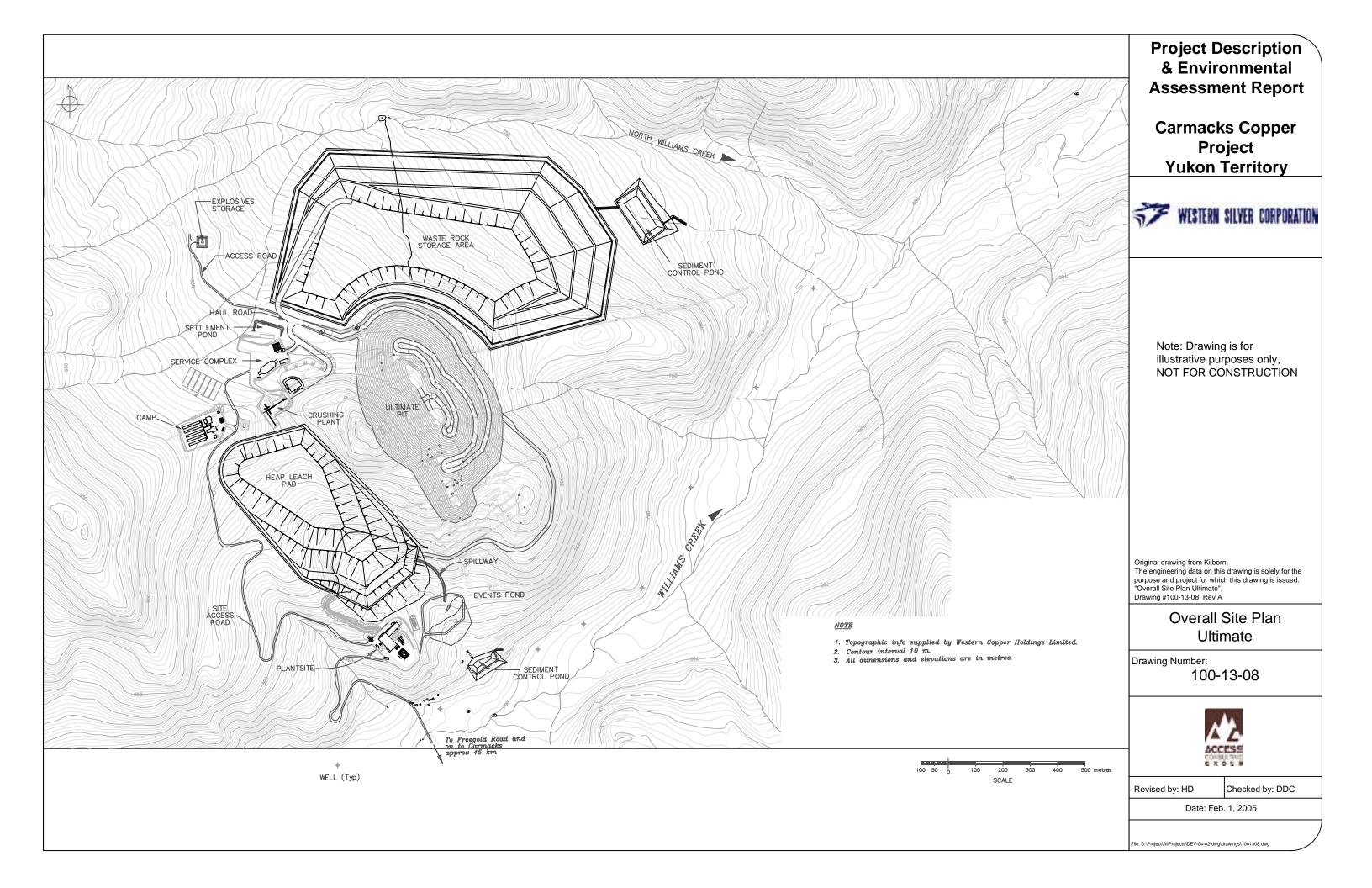
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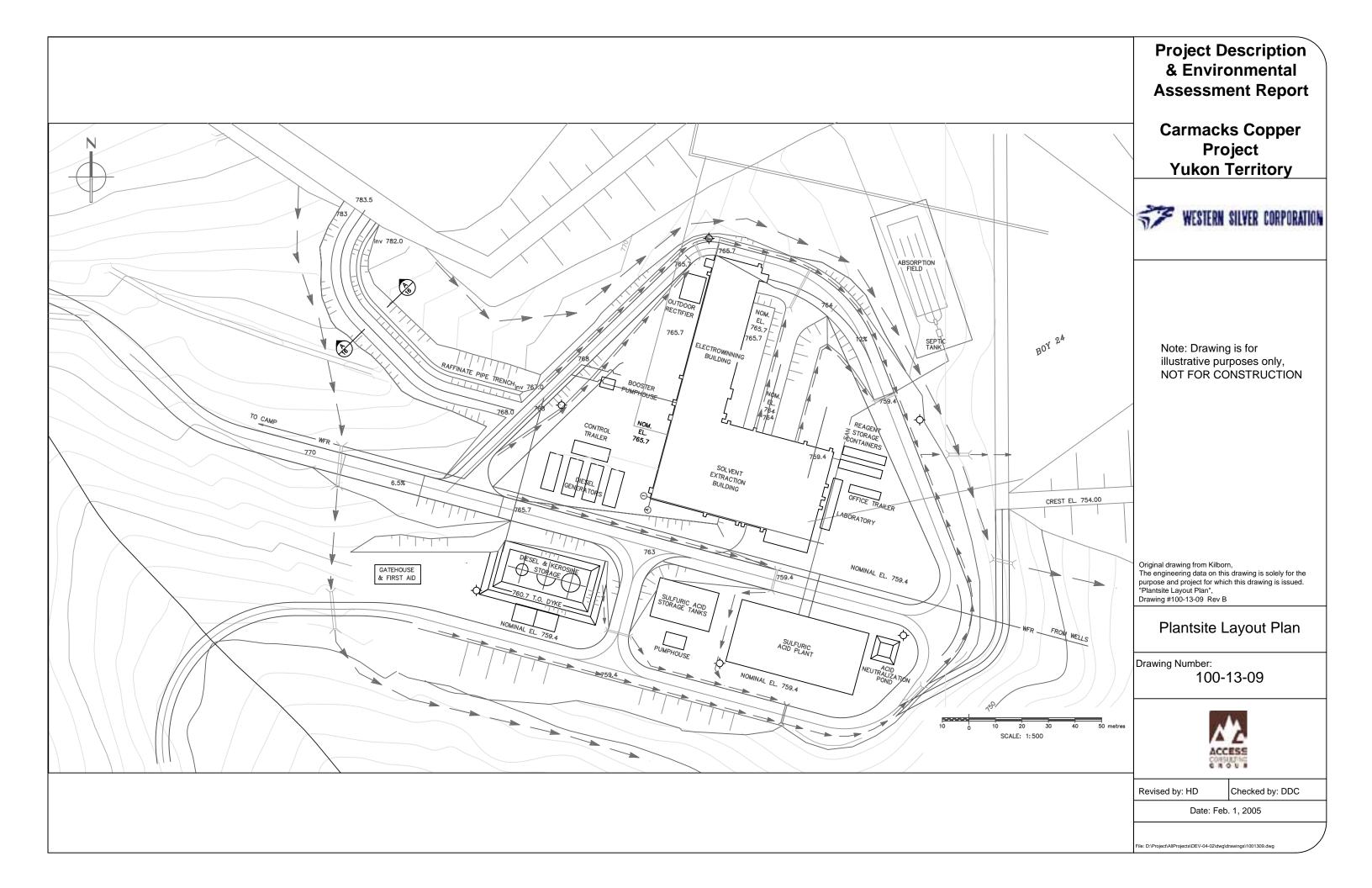
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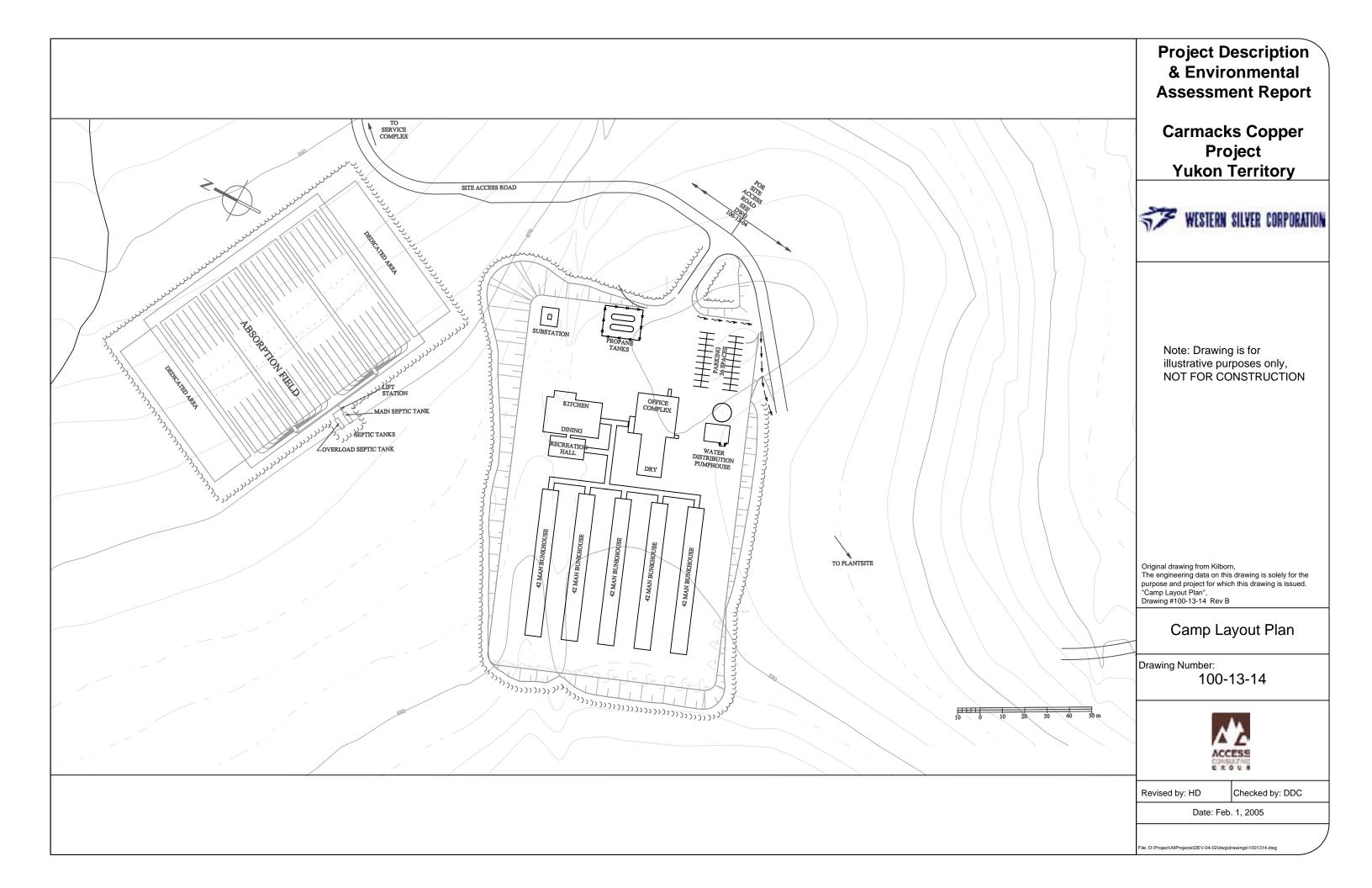
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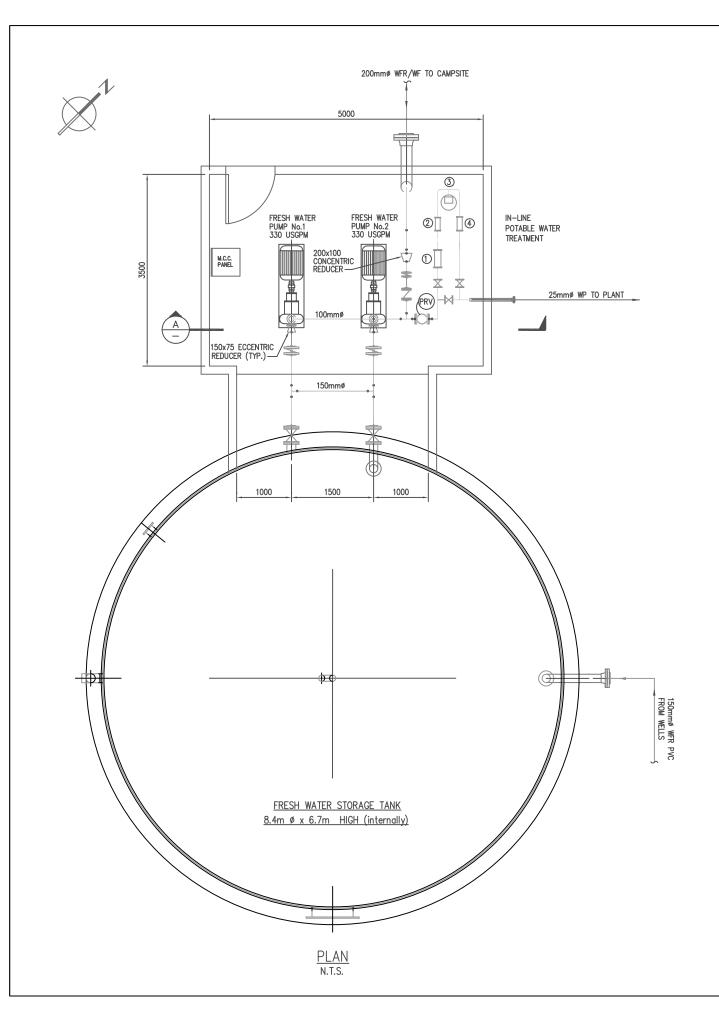






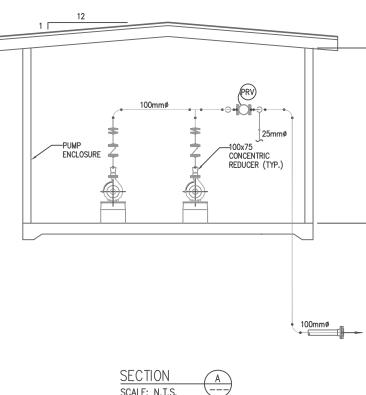




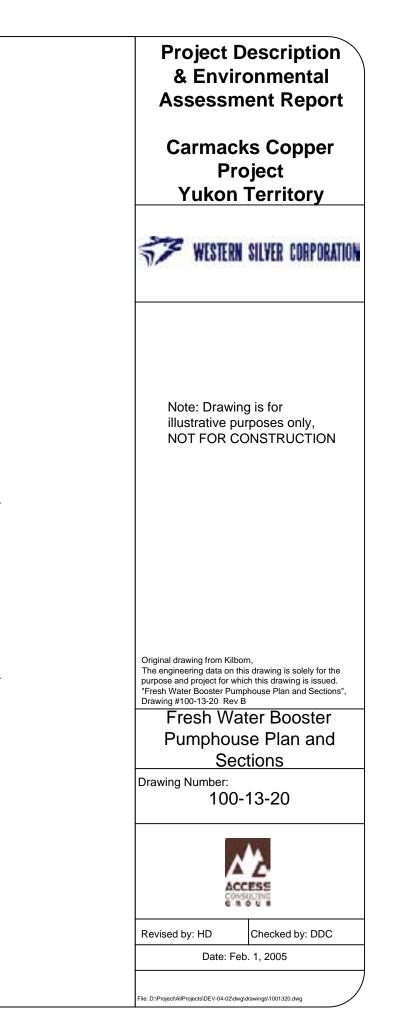


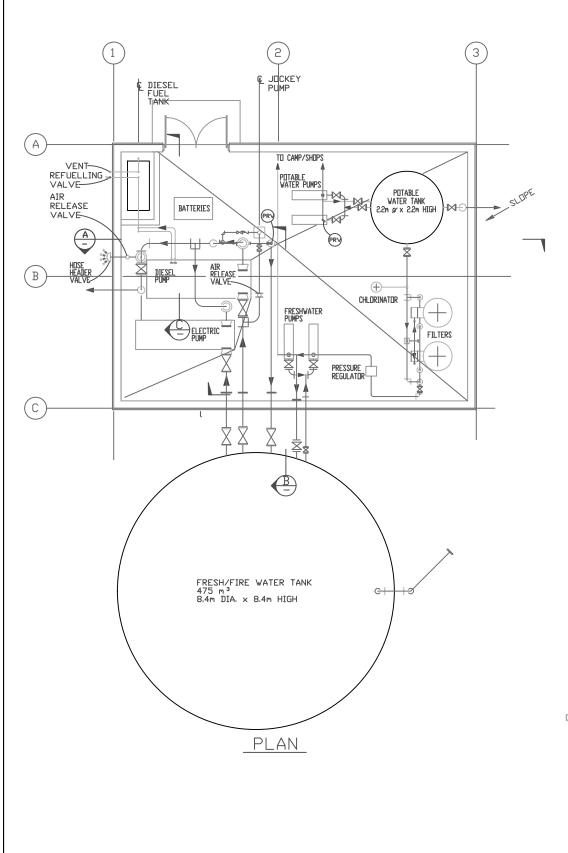


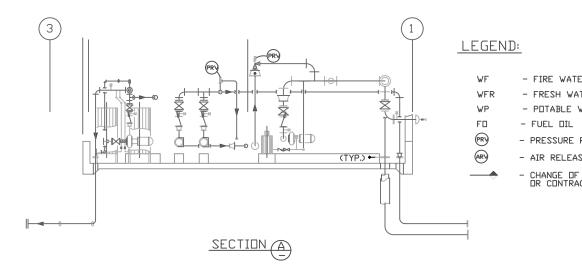
- 2.) APPURTENANCES SHOWN ARE AS FOLLOWS:
- 1 IN-LINE FILTER
- FLOW METER
- 3 HYFLOCHLORINATOR
- (4) IN-LINE MIXER

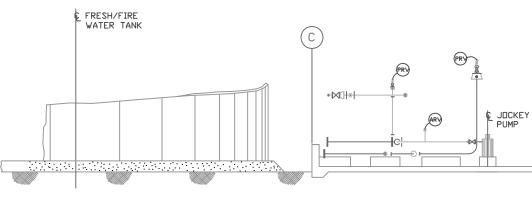


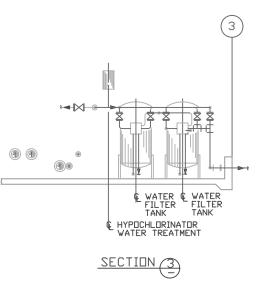
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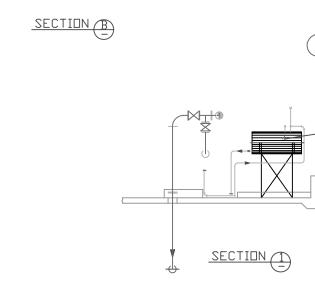






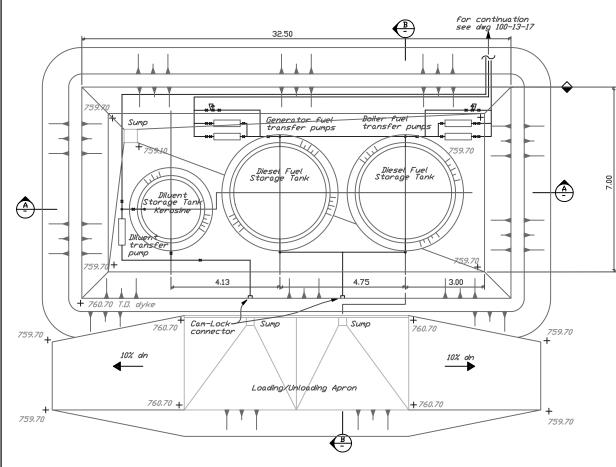


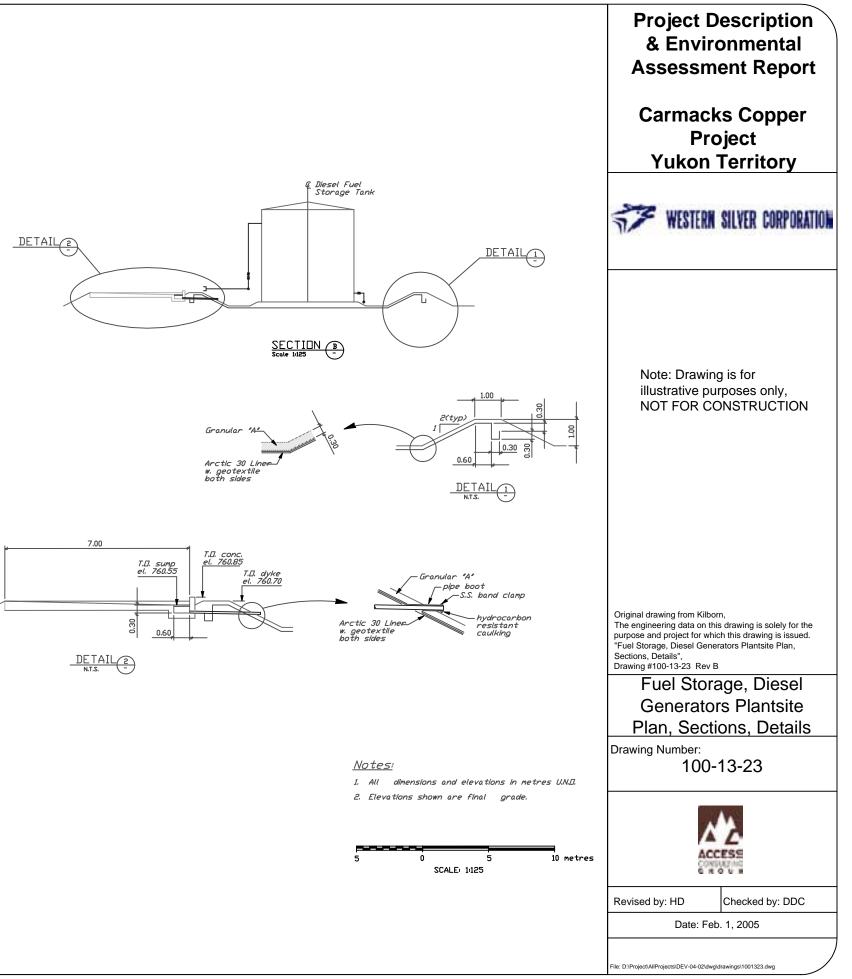


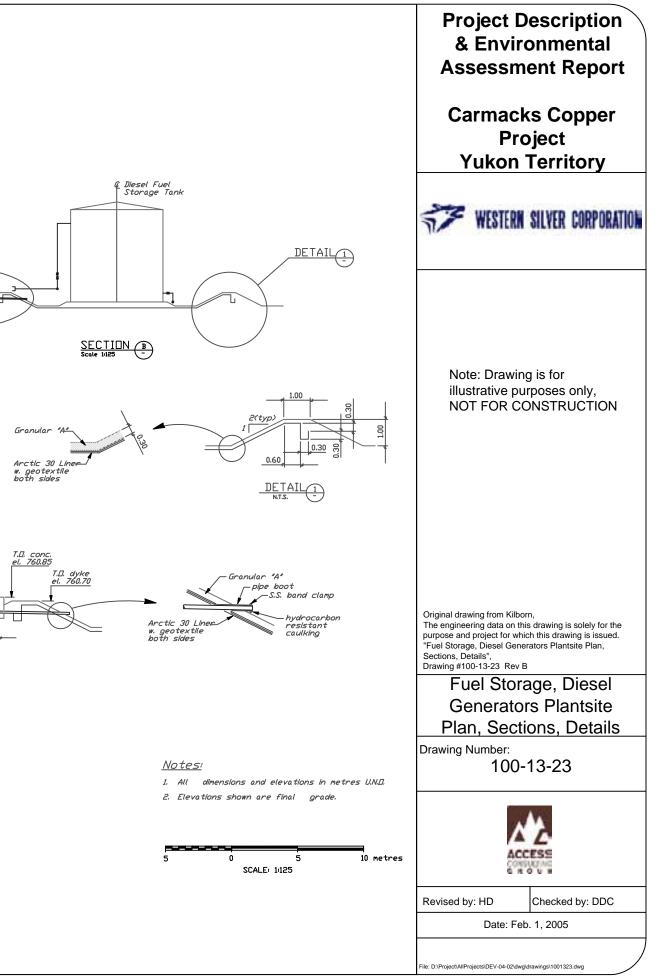


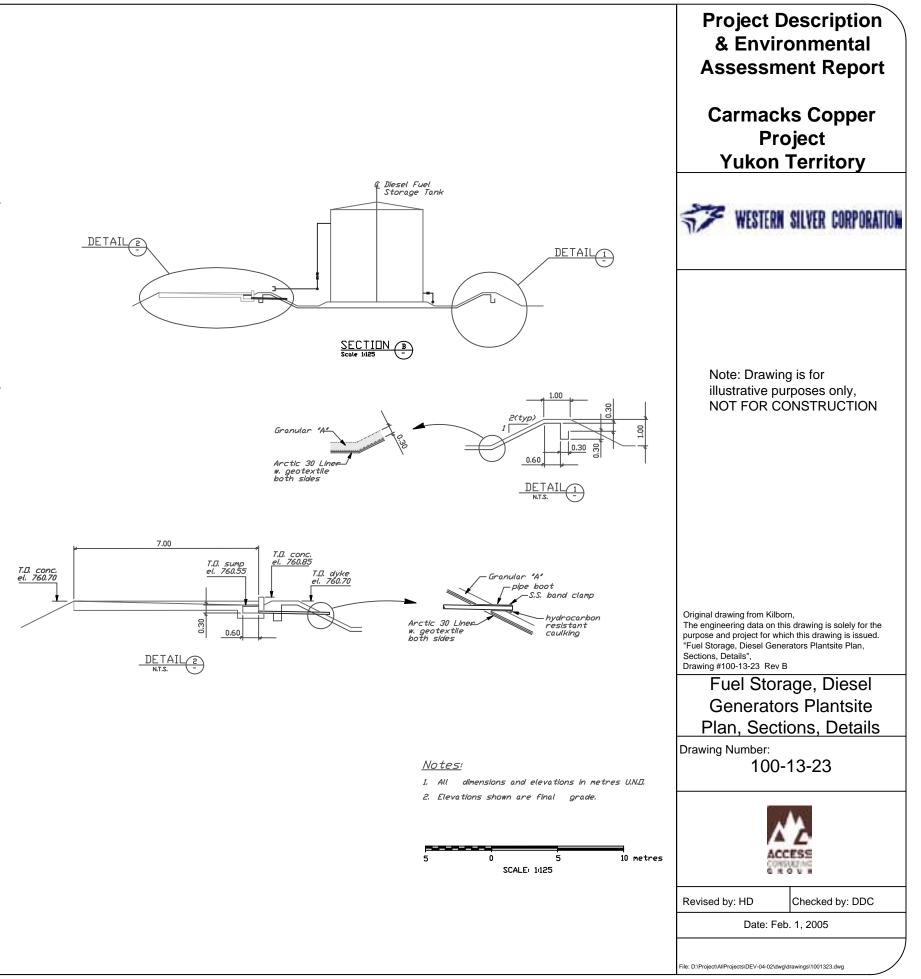
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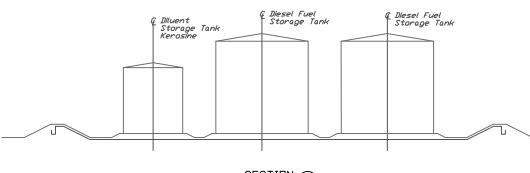
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RE RELIEF VALVE LEASE VALVE DF PIPE MATERIAL TRACT NUMBER	WESTERN SILVER CORPORATION
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A DIESEL FUEL TANK	Original drawing from Kilborn, The engineering data on this drawing is solely for the purpose and project for which this drawing is issued. "Water Distribution Pumphouse Plan, Sections & Details", Drawing #100-13-21 Rev B Water Distribution Pumphouse Plan, Sections & Details Drawing Number: 100-13-21
2 3 4 5 netres ALE	Revised by: HD Checked by: DDC Date: Feb. 1, 2005



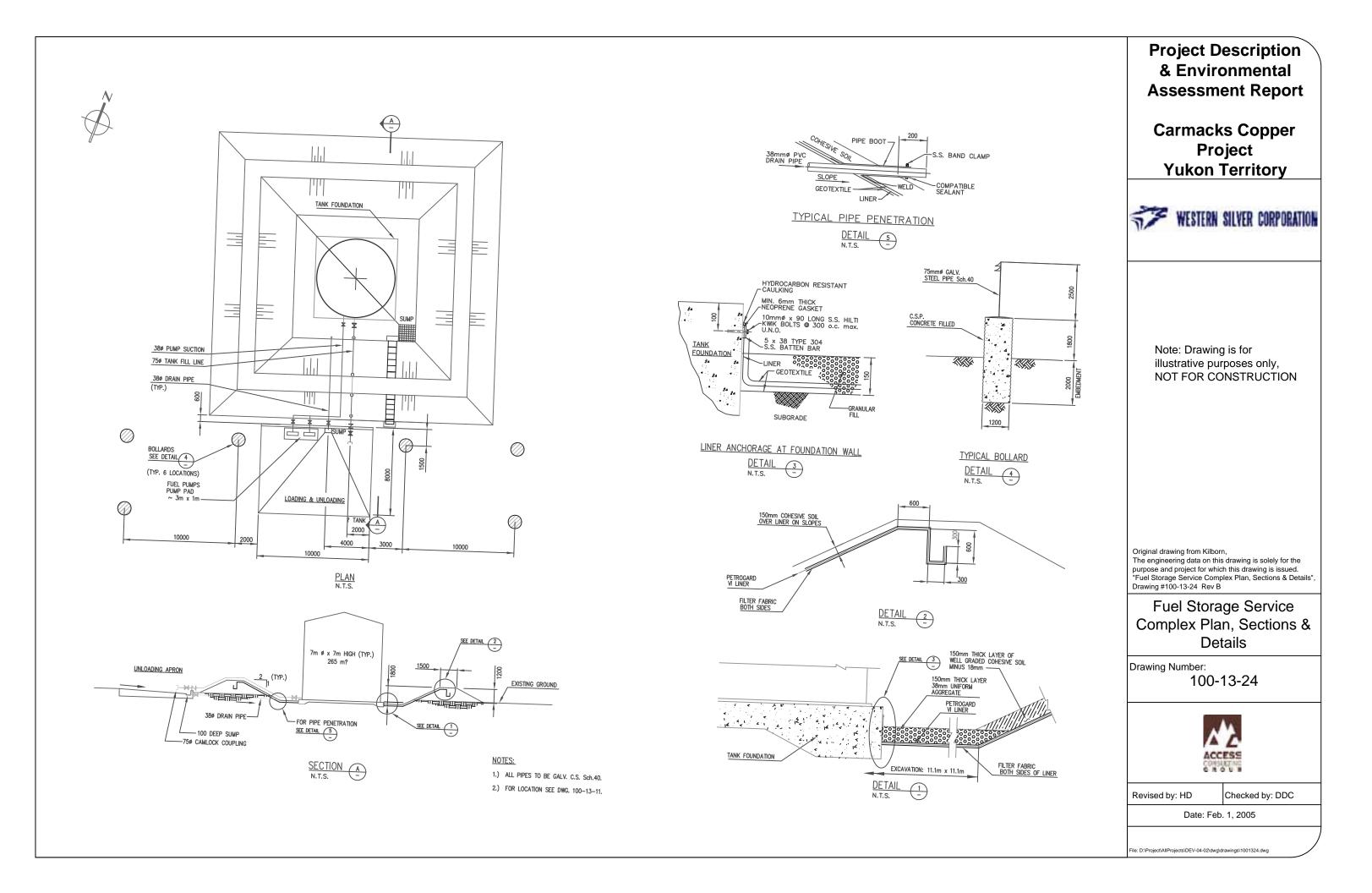


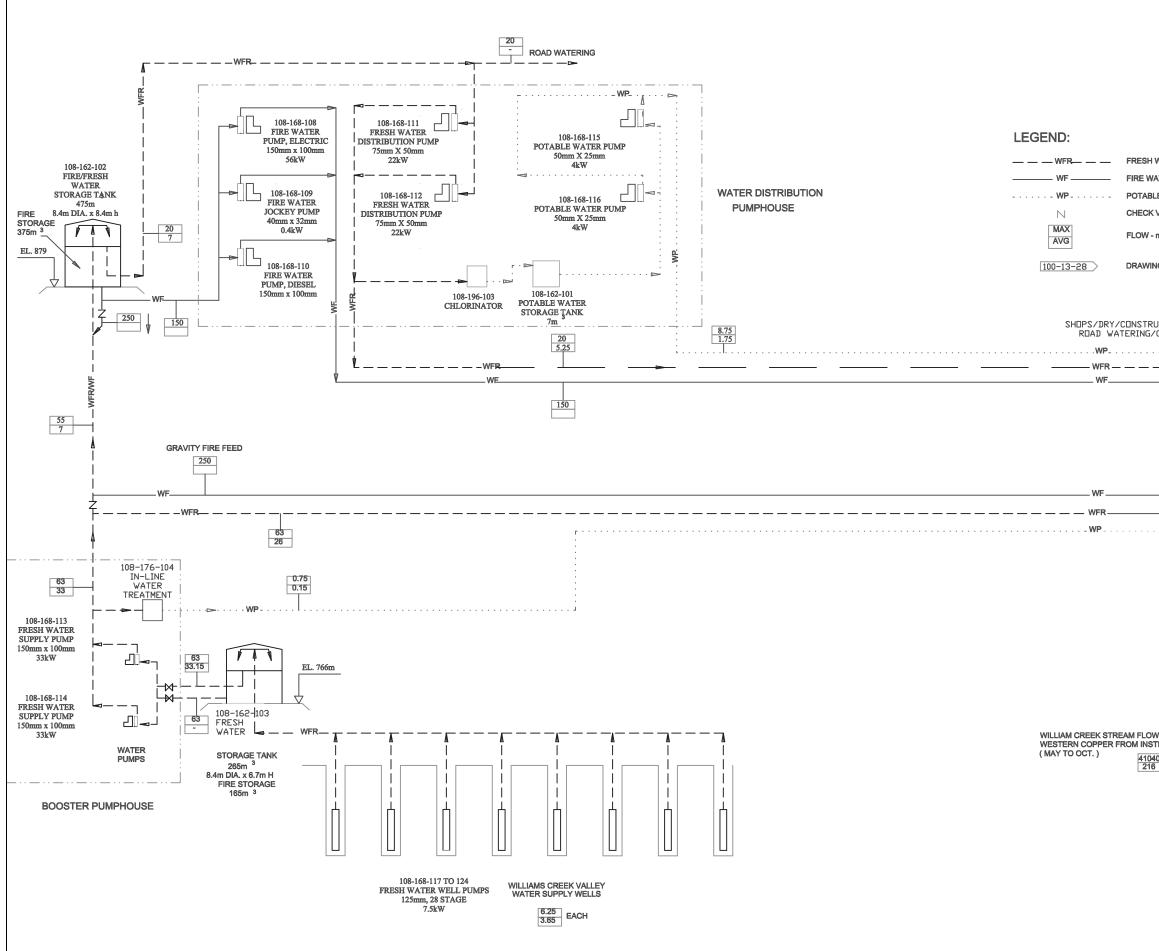




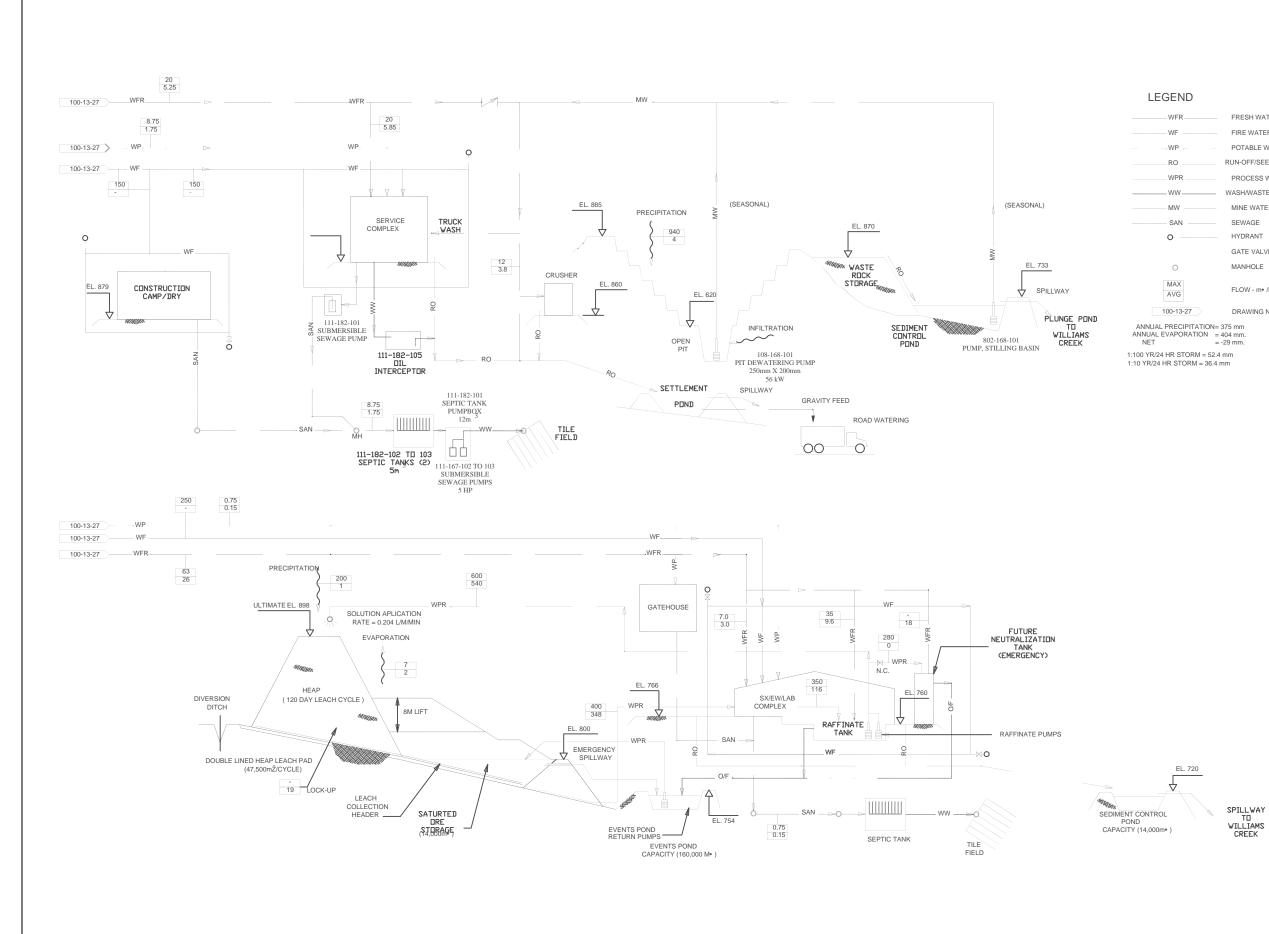


SECTION A Scale 1/125 -





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i WATER VATER SLE WATER < VALVE - m <sup>3</sup> /hr		SILVER CORPORATION
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RUCTION CAMP /CRUSHING 	Note: Drawing illustrative pur NOT FOR CC	•
PLANTSITE 100-13-28 100-13-28 100-13-28		
	Original drawing from Kilborn The engineering data on this purpose and project for whic "Water Supply Diagram", Drawing #100-13-27 Rev B	s drawing is solely for the
	Water Sup	oly Diagram
W DATA PROVIDED BY STREAM-SEASONAL MEASUREMENTS. 40 6	Drawing Number: 100-´	13-27
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	Date: Feb	. 1, 2005
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**Project Description** & Environmental **Assessment Report Carmacks Copper** Project FRESH WATER FIRE WATER **Yukon Territory** POTABLE WATER RUN-OFF/SEEPAGE PROCESS WATER WASH/WASTE WATER WESTERN SILVER CORPORATION 715 MINE WATER SEWAGE HYDRANT GATE VALVE MANHOLE FLOW - m• /hr DRAWING NUMBER Note: Drawing is for illustrative purposes only, NOT FOR CONSTRUCTION

> Original drawing from Kilborn, The engineering data on this drawing is solely for the purpose and project for which this drawing is issued. "Water Distribution Diagram", Drawing #100-13-28 Rev B

> > Water Distribution Diagram

Drawing Number: 100-13-28

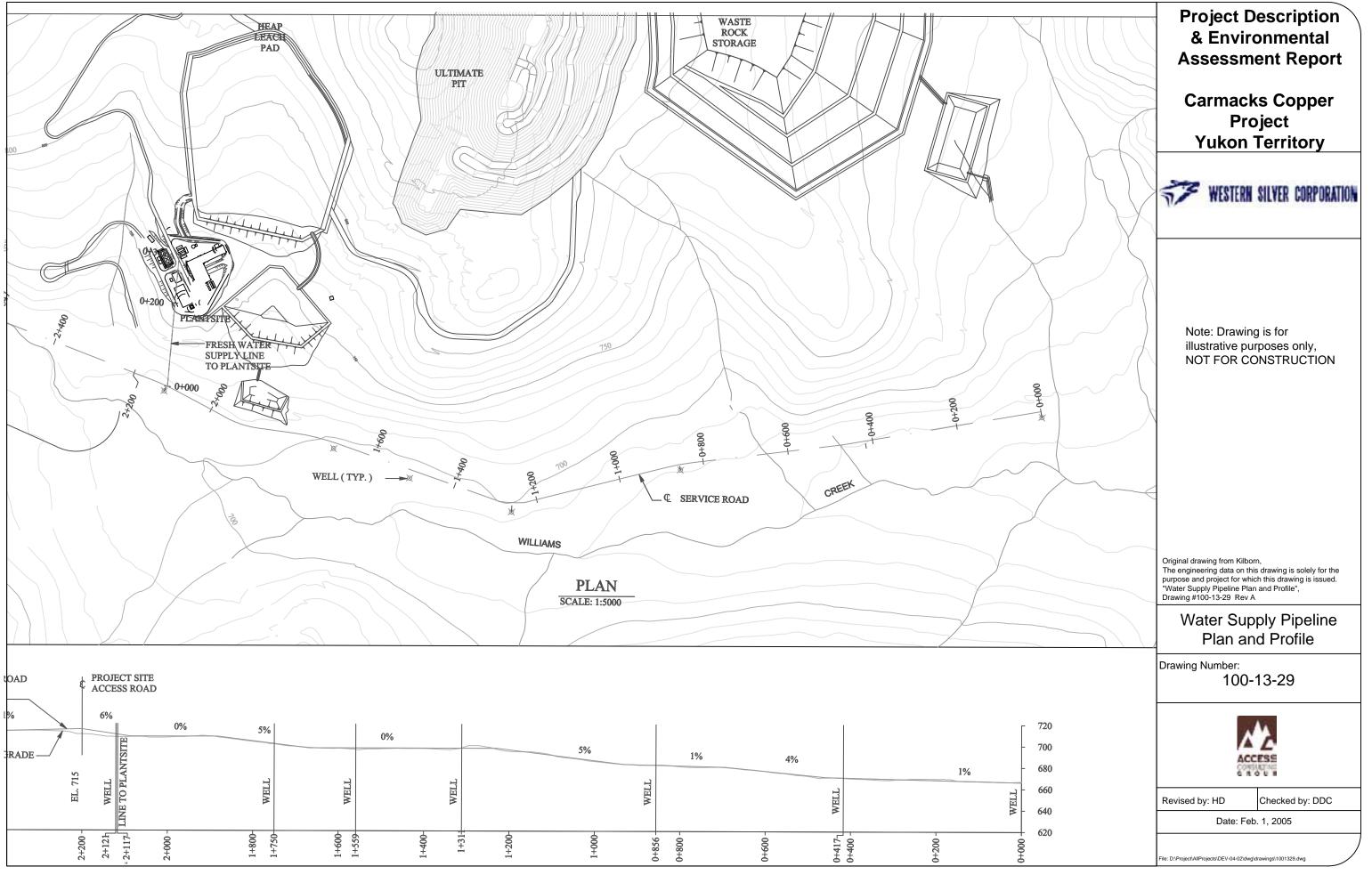


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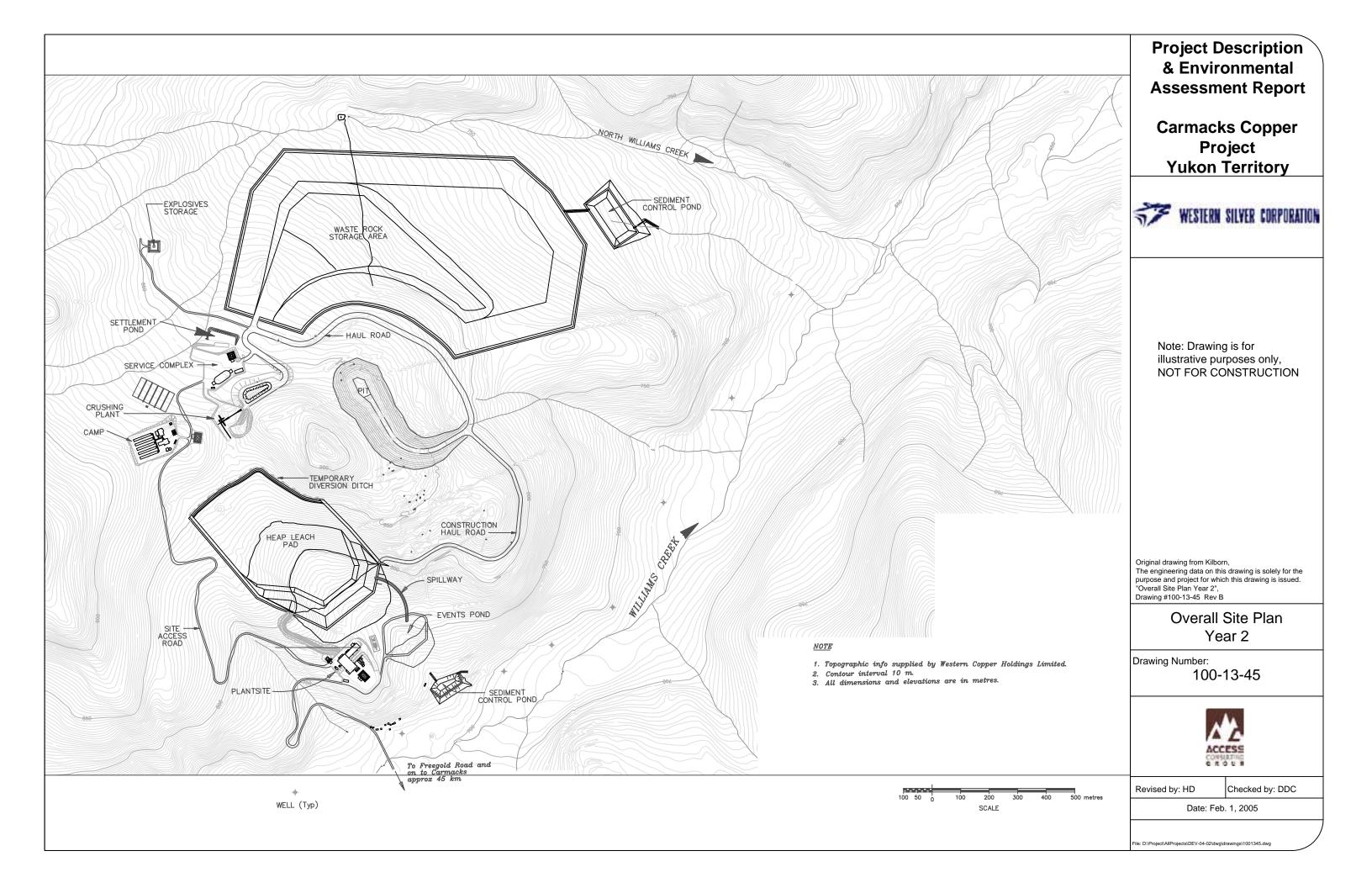
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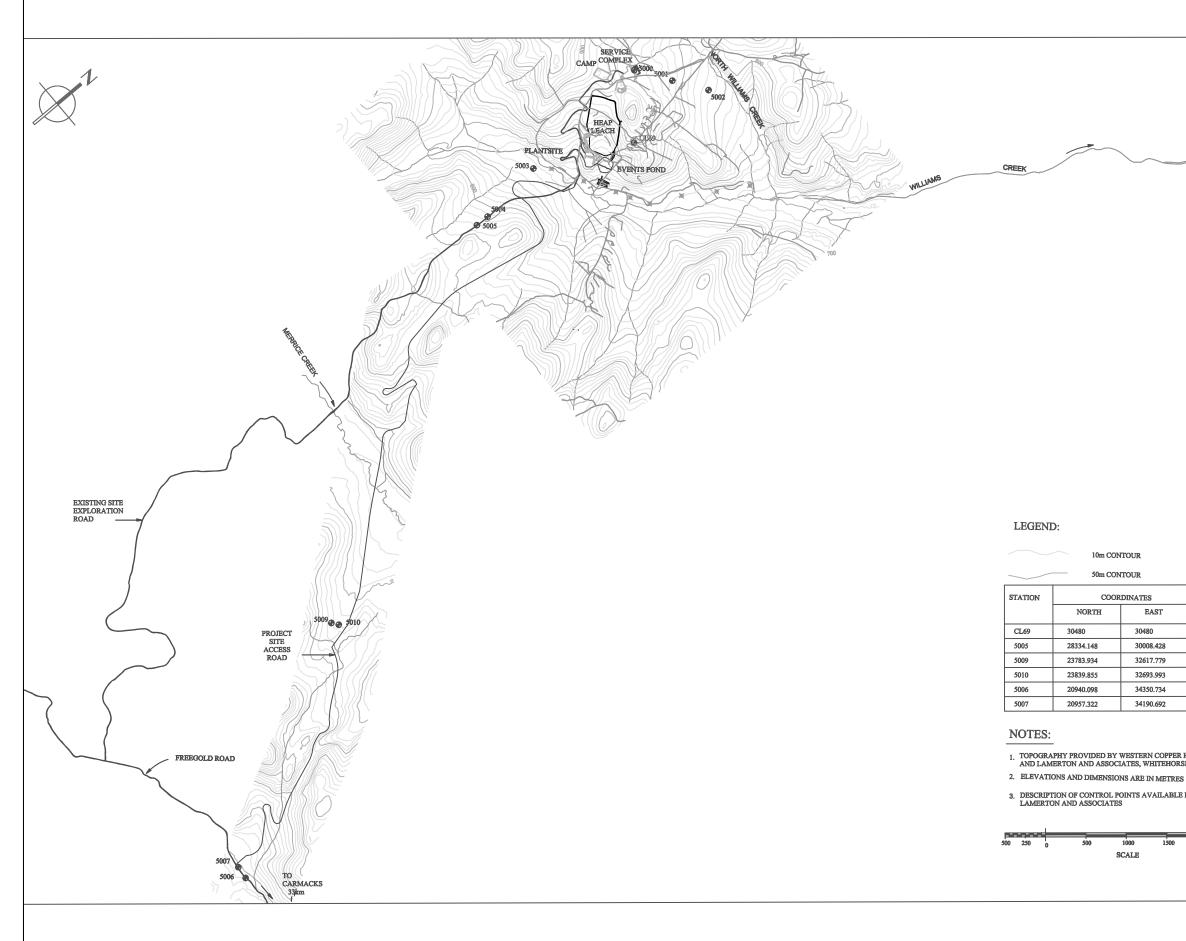
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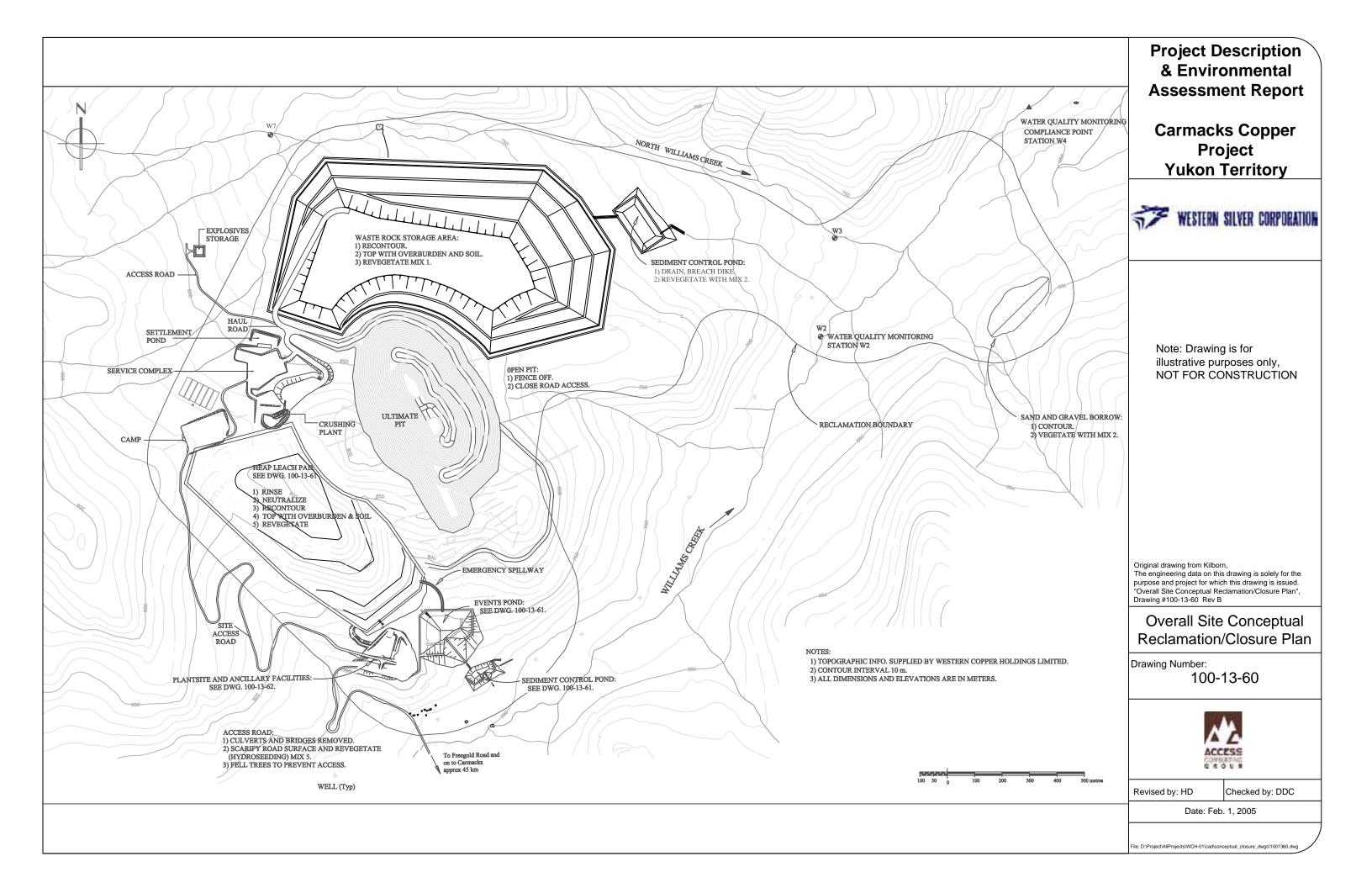


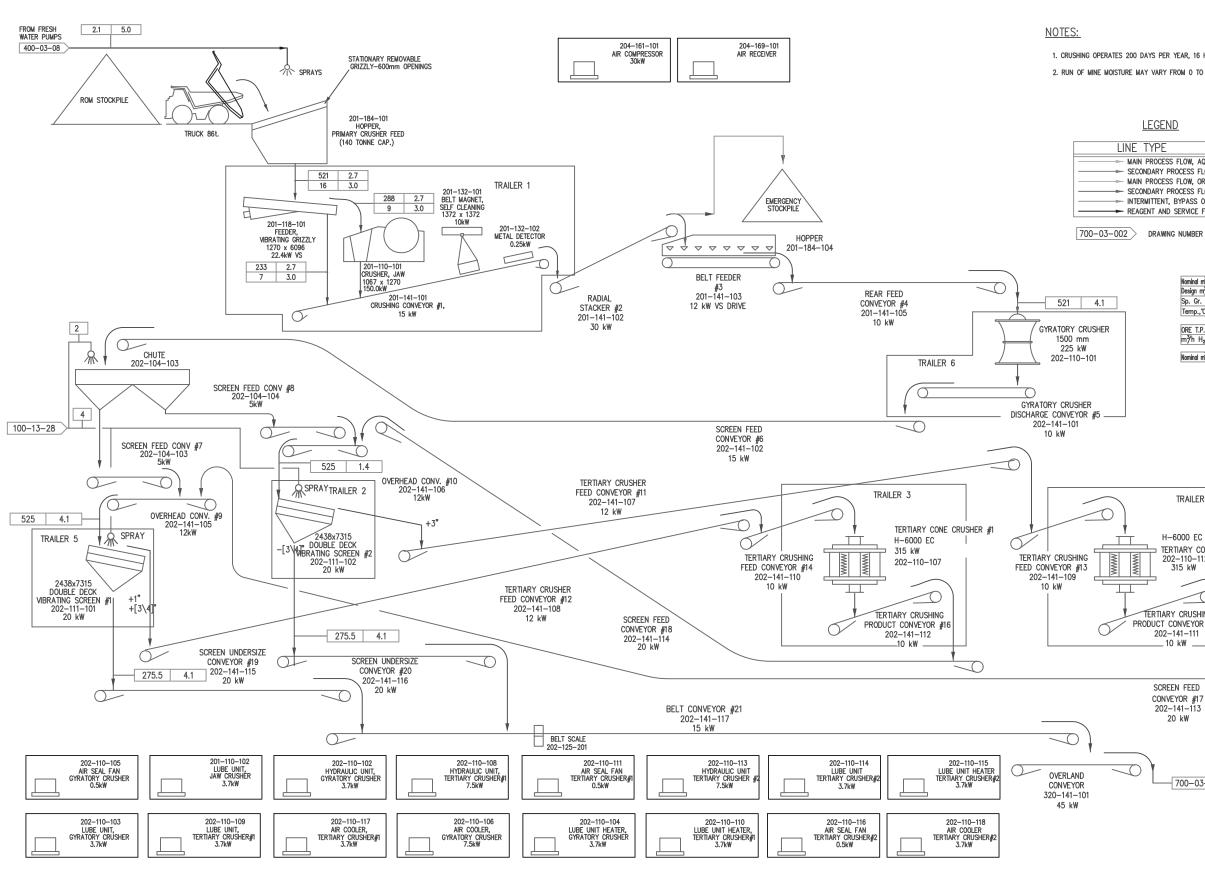
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YUKON RIVER	Project Description & Environmental Assessment Report Carmacks Copper Project Yukon Territory
	Note: Drawing is for illustrative purposes only, NOT FOR CONSTRUCTION
ELEVATION (m) 853.44 831.72 774.84 767.80 693.74 698.23	Original drawing from Kilborn, The engineering data on this drawing is solely for the purpose and project for which this drawing is issued. "Project Site Plan Earthworks Sheet 1", Drawing #100-13-46 Project Site Plan Earthworks Sheet 1 Drawing Number:
HOLDINGS LTD. SE, YUKON S FROM 2000 2500 metres	Drawing Number: 100-13-46
	Revised by: HD Checked by: DDC Date: Feb. 1, 2005
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**Project Description** & Environmental **Assessment Report** 1. CRUSHING OPERATES 200 DAYS PER YEAR, 16 HOURS PER DAY. 2. RUN OF MINE MOISTURE MAY VARY FROM 0 TO 5 PERCENT. **Carmacks Copper** Project **Yukon Territory** LEGEND MAIN PROCESS FLOW, AQUEOUS SECONDARY PROCESS FLOW, AQUEOUS 77 WESTERN SILVER CORPORATION - MAIN PROCESS FLOW, ORGANIC SECONDARY PROCESS FLOW, ORGANIC. - INTERMITTENT, BYPASS OR MANUAL FLOW - REAGENT AND SERVICE FLOW Nominal m³/hCu tenor,g/L Design m³/hH2SO4g/l Sp. Gr. Fe, g/L Temp.,°C Other 0RE T.P.H.ORE S.G. m∛h H₂0 %H₂0 Note: Drawing is for illustrative purposes only, Nominal m³/hDesign m³/h NOT FOR CONSTRUCTION TRAILER 4 H-6000 EC TERTIARY CONE CRUSHER #2 202–110–112 315 kW Original drawing from Kilborn, The engineering data on this drawing is solely for the TERTIARY CRUSHING purpose and project for which this drawing is issued. PRODUCT CONVEYOR #15 "Crushing and Screening Flowsheet #1", 202-141-111 Drawing #200-03-01 Rev G 10 kW Crushing and Screening Flowsheet #1 SCREEN FEED CONVEYOR #17 202-141-113 Drawing Number: 20 kW 200-03-01 700-03-002 ACCESS CONSULTING Revised by: HD Checked by: DDC Date: Feb. 1, 2005

File: D:\Project\AllProjects\DEV-04-02\dwg\drawings\2000301.dwg