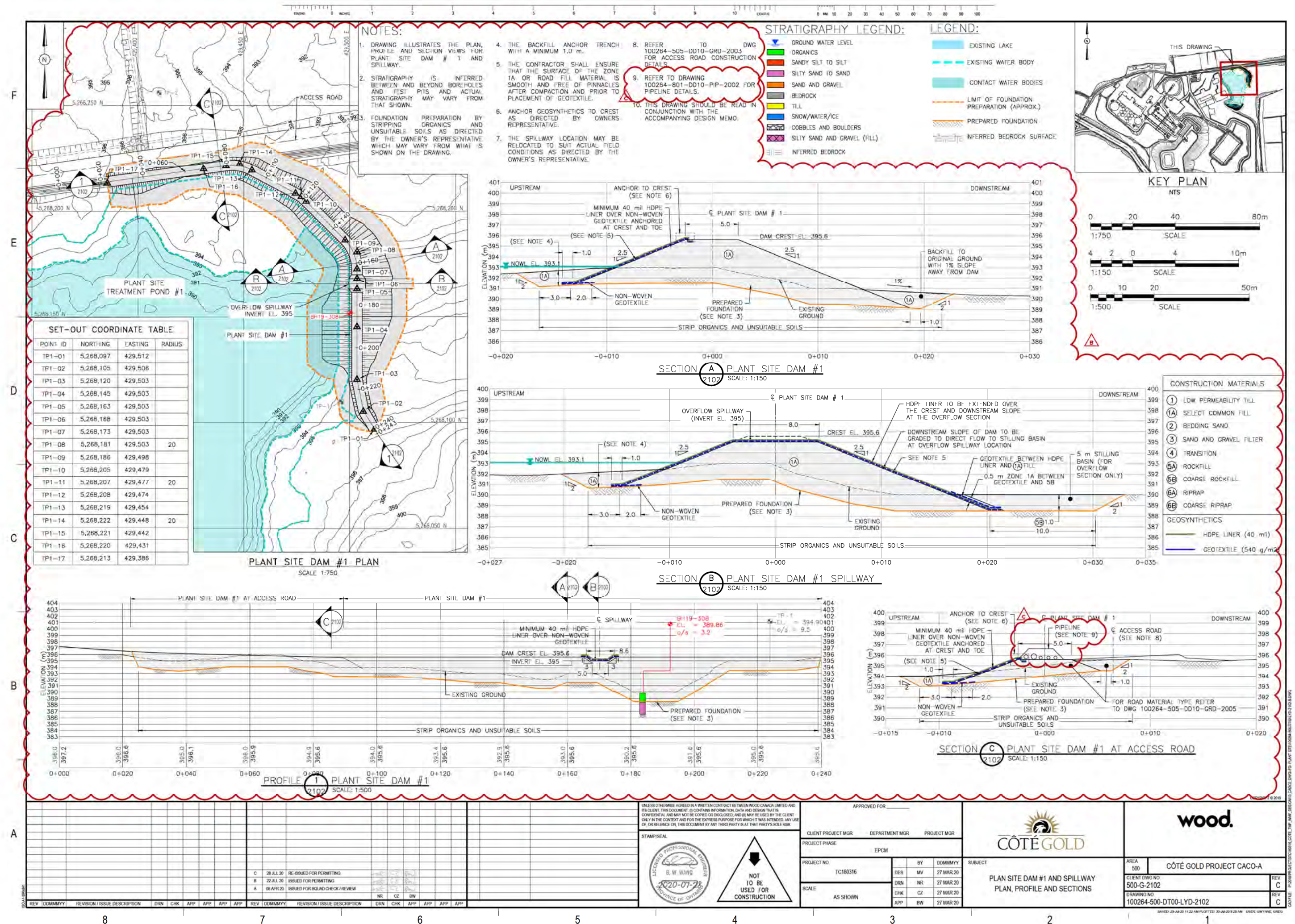




Appendix P Plant Site Dams Hydrological Design and Stability Assessment (for the Construction Phase)





F

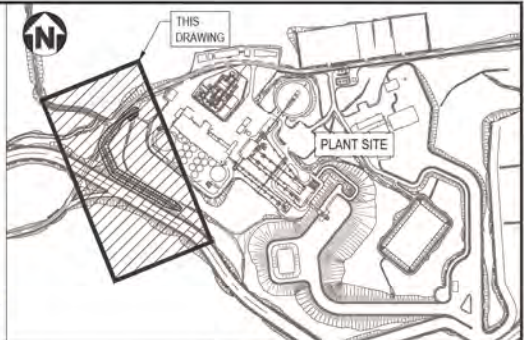
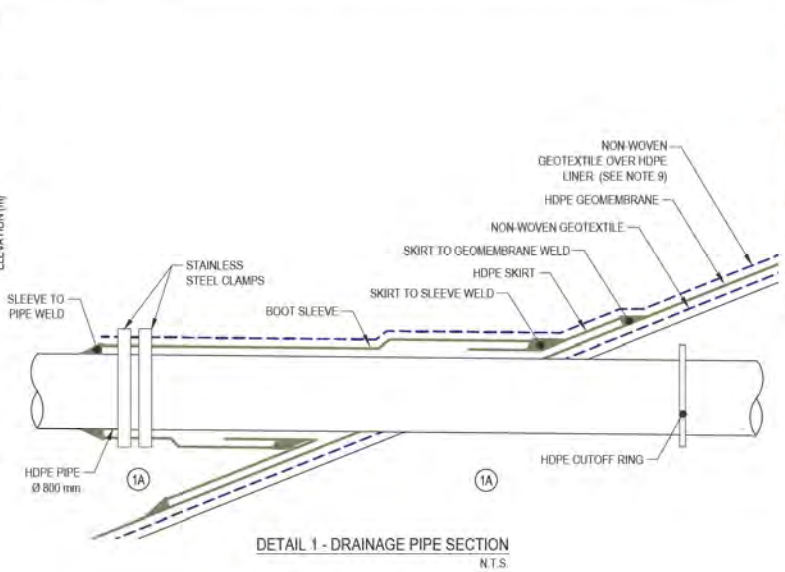
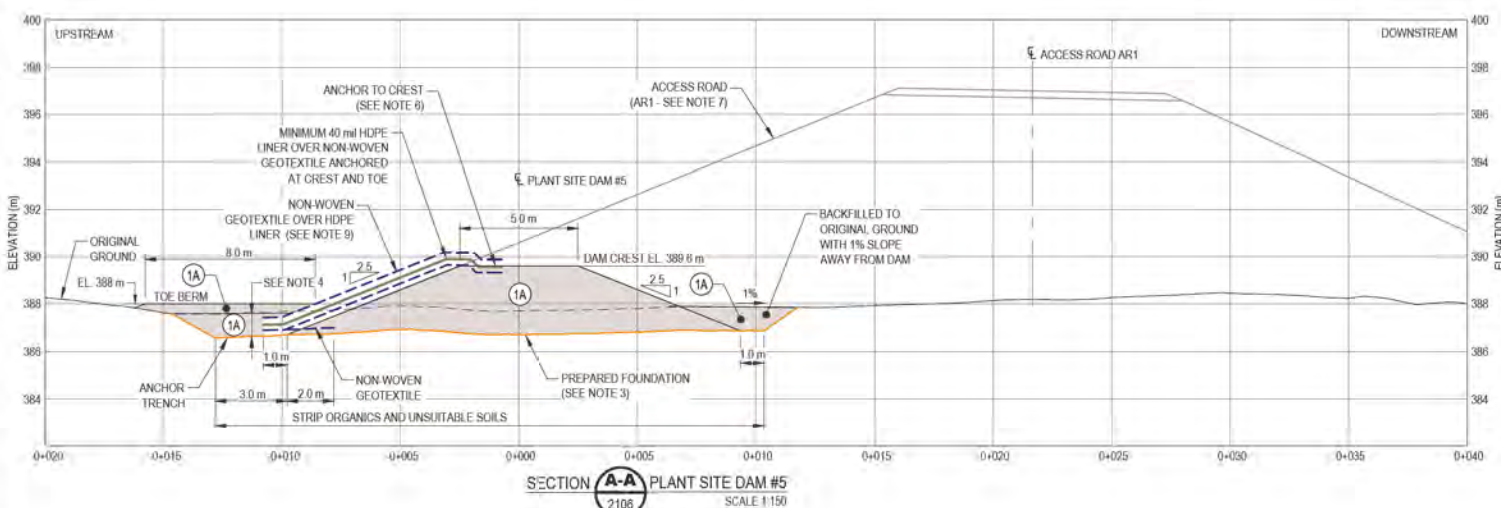
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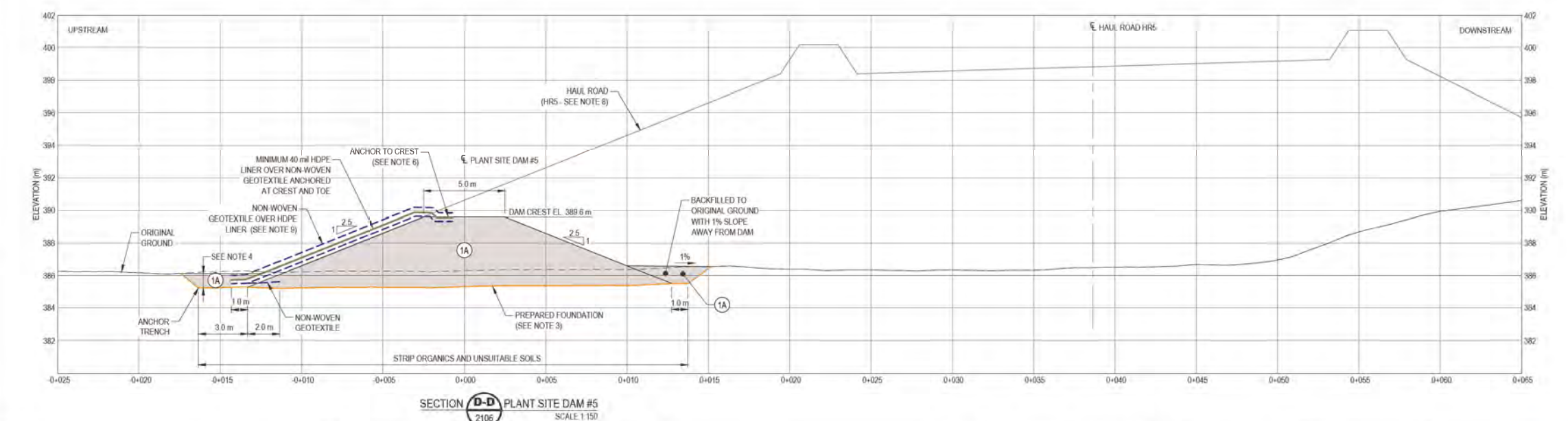
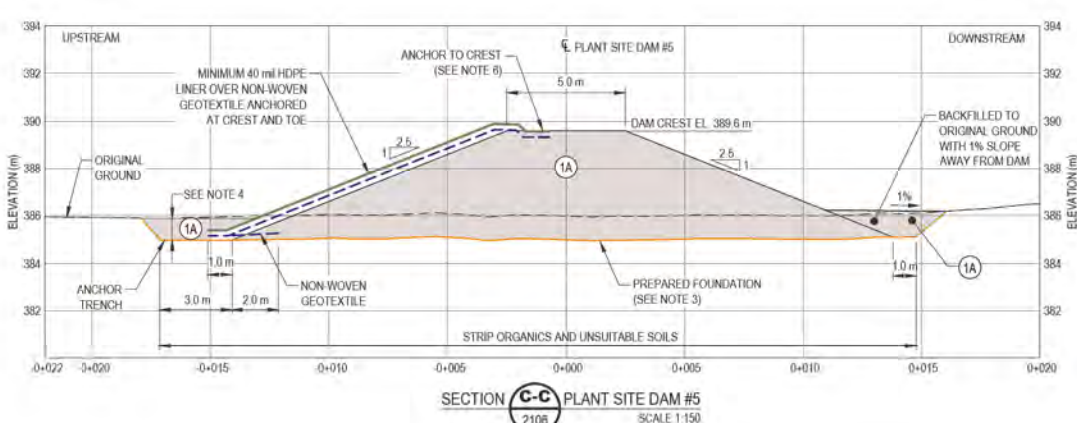
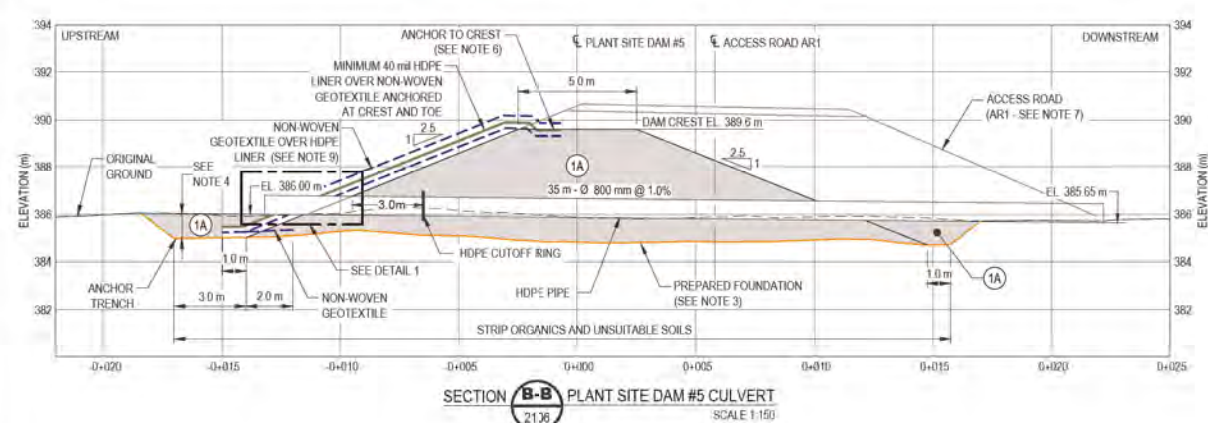
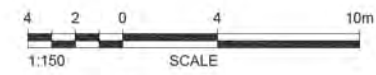
A



- NOTES:**
- THIS DRAWING ILLUSTRATES THE SECTION AND DETAIL VIEWS OF PLANT SITE DAM #5
 - STRATIGRAPHY IS INFERRED BETWEEN AND BEYOND BOREHOLES AND TEST PITS AND ACTUAL STRATIGRAPHY MAY VARY FROM THAT SHOWN
 - FOUNDATION PREPARATION BY STRIPPING ORGANICS AND UNSUITABLE SOILS AS DIRECTED BY THE OWNER'S REPRESENTATIVE WHICH MAY VARY FROM WHAT IS SHOWN ON THE DRAWING
 - BACKFILL ANCHOR TRENCH WITH A MINIMUM 1.0 m
 - THE CONTRACTOR SHALL ENSURE THAT THE SURFACE OF THE ZONE 1A OR ROAD FILL MATERIAL IS SMOOTH AND FREE OF PINNACLES AFTER COMPACTION AND PRIOR TO PLACEMENT OF GEOTEXTILE
 - ANCHOR GEOSYNTHETICS TO CREST AS DIRECTED BY OWNERS REPRESENTATIVE
 - REFER TO DWG 100264-505-DD10-GRD-2002 FOR ACCESS ROAD CONSTRUCTION DETAILS
 - REFER TO DWG 100264-320-DD10-GRD-2001 AND 100264-320-DD10-GRD-2002 FOR HAUL ROAD CONSTRUCTION DETAILS. CONSTRUCTION OF HAUL ROAD WILL BE COMPLETED BY OTHERS AFTER DAM CONSTRUCTION IS COMPLETE
 - NON-WOVEN GEOTEXTILE ON HDPE LINER IN THE SECTION WHERE ACCESS ROAD OR HAUL ROAD IS CONSTRUCTED ABOVE THE DAM FOR LINER PROTECTION
 - THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE ACCOMPANYING DESIGN MEMO

- LEGEND:**
- SITE PLANT DAM #5
 - PREPARED FOUNDATION

CONSTRUCTION MATERIALS	
1	LOW PERMEABILITY TILL
1A	SELECT COMMON FILL
2	BEDDING SAND
3	SAND AND GRAVEL FILTER
4	TRANSITION
5A	ROCKFILL
5B	COARSE ROCKFILL
6A	RIPRAP
6B	COARSE RIPRAP
GEOSYNTHETICS	
---	HDPE LINER (40 ml)
---	GEOTEXTILE (540 g/m ²)



REV	DATE	BY	CHK	APP	DESCRIPTION	REV	DATE	BY	CHK	APP	DESCRIPTION
1	06AUG20	MM	MM	MM	ISSUED FOR SQUAD CHECK/REVIEW	2	06AUG20	MM	MM	MM	ISSUED FOR SQUAD CHECK/REVIEW

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STAMP/SEAL

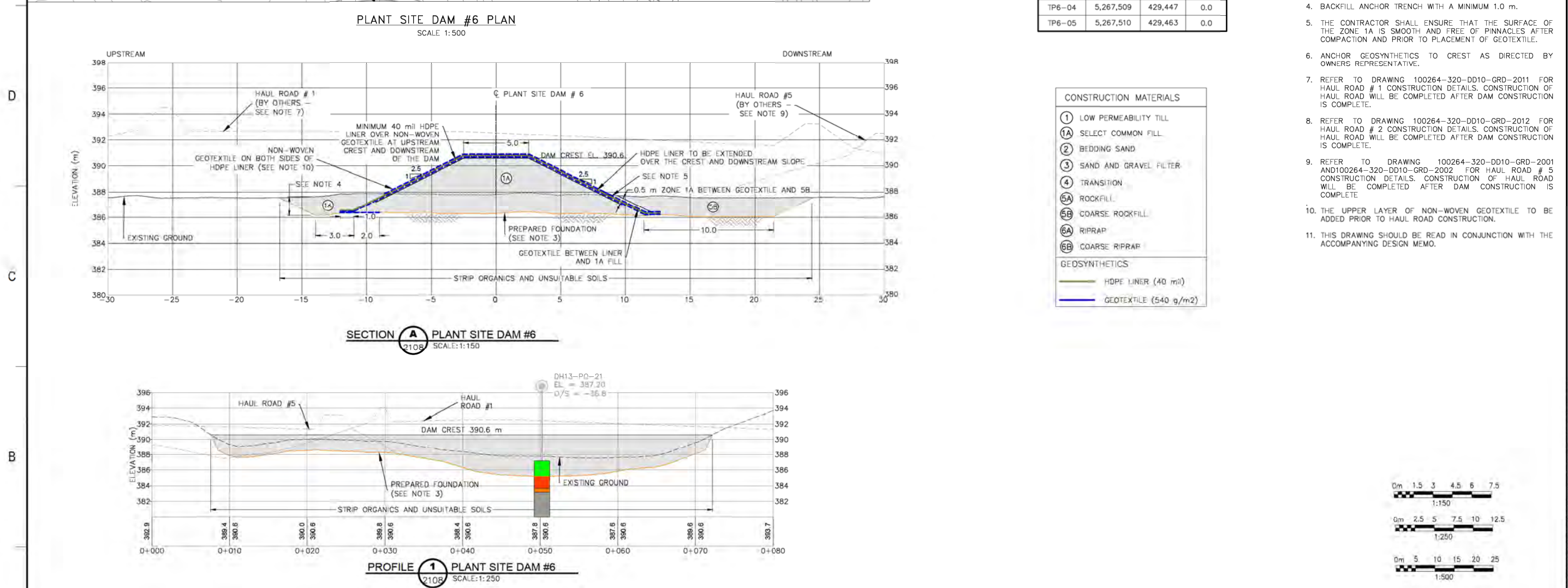
NOT TO BE USED FOR CONSTRUCTION

APPROVED FOR		
CLIENT PROJECT MGR	DEPARTMENT MGR	PROJECT MGR
EPCM		
PROJECT NO	TC180315	BY: MM, 06AUG20
SCALE	AS SHOWN	CHK: MM, 06AUG20

CÔTÉ GOLD

PLANT SITE DAM #5 SECTIONS AND DETAIL

AREA	500	CÔTÉ GOLD PROJECT CACO-A
CLIENT DWG NO	500-G-2107	REV A
DRAWING NO	100264-500-DD10-LYD-2107	REV A



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APPROVED FOR:

CLIENT PROJECT MGR DEPARTMENT MGR PROJECT MGR

PROJECT PHASE EPCM

PROJECT NO. TC180315

BY CZ 30JUL20

DRW GG 30JUL20

CHK CZ 30JUL20

APP BW 30JUL20

SCALE AS SHOWN

SUBJECT

PLANT SITE DAM #6
PLAN, PROFILE AND SECTION

AREA 500

CÔTÉ GOLD PROJECT CACO-A

CLIENT DWG NO 500-G-2108

DRAWING NO 100264-500-DT00-LYD-2108

REV A

REV A

SAVED: 07-Aug-20 4:17 PM (13) DTD: 13-Aug-20 10:00 AM USER: GWYNEC, SPED