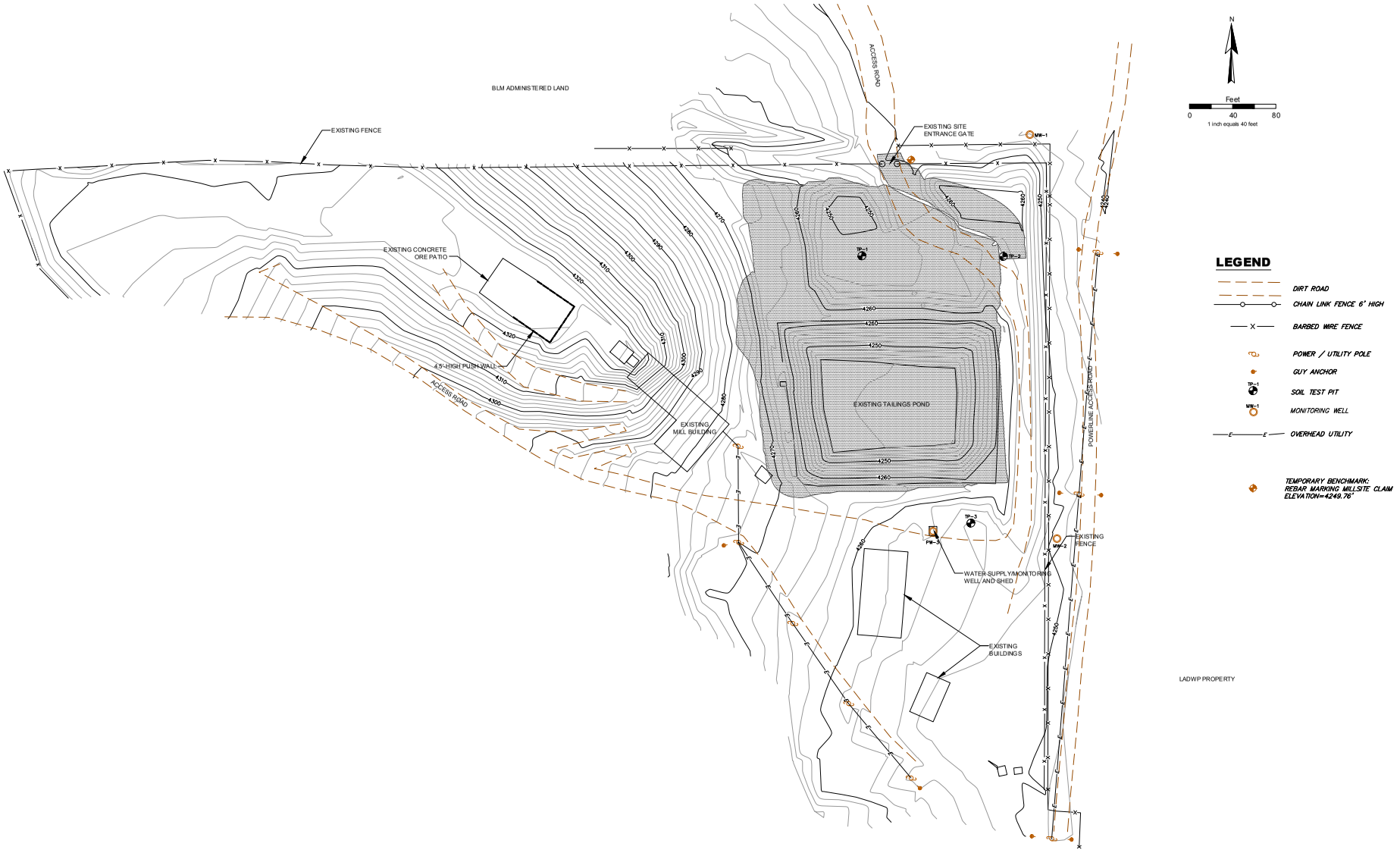
APPENDIX A
Design Drawing Set

2010 Report of Waste Discharge, Bishop Mill Project



DRAWING TITLE	NO.	ISSUE PURPOSE	AUTH. BY	DATE	REV.	DESCRIPTION	CHK'D	APP'D	DATE
REFERENCE DRAWINGS	ISSUE AUTHORIZATION				B	REVISED PER LRWQCB REVIEW	DB	RBB	11/15/10
					A	REPORT OF WASTE DISCHARGE	DB	RBB	6/28/10
					REVISIONS				

IF THE ABOVE BAR DOES NOT SCALE 1 INCH, THE DRAWING SCALE IS ALTERED

SRK Consulting
Engineers and Scientists

DESIGN: RBB	DRAWN: ML	REVIEWED: DB
CHECKED: RBB	APPROVED: RBB	DATE: 11/15/10

FILE NAME: Bishop_Mill_TSF_ML_20101115_Rev01.dwg

PREPARED FOR:

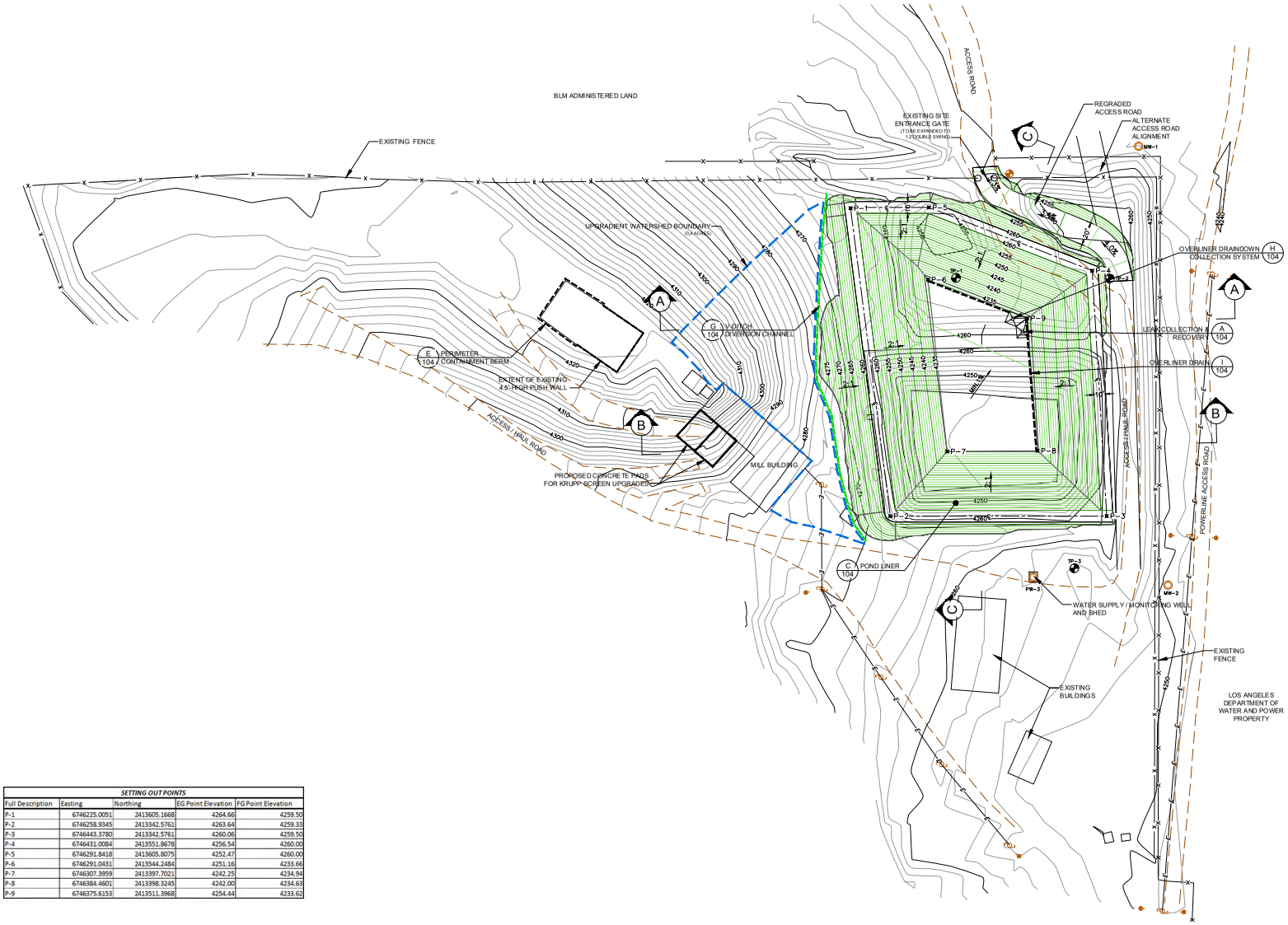
CMC METALS

REPORT OF WASTE DISCHARGE
BISHOP MILL
WASTE MANAGEMENT UNIT

DRAWING TITLE:
EXISTING SITE TOPOGRAPHY AND FACILITIES

DRAWING NO. 204600.010-101
SHEET 1 OF 1
SRK JOB NO.: 204600.010
REVISION NO. B

\\vno-svr0\documents\CMC Metals (Bishop Mill)\204600.010_Bishop_Mill_Waste_Discharge_Permit\040_Drafting\Bishop_Mill_TSF_ML_20101115_Rev01.dwg



SETTING OUT POINTS				
Full Description	Easting	Northing	EG Point Elevation	FG Point Elevation
P-1	6746225.0051	2413605.1668	4264.66	4259.50
P-2	6746258.9345	2413342.5761	4263.64	4259.33
P-3	6746443.3780	2413342.5761	4260.06	4259.50
P-4	6746431.0084	2413551.8678	4256.54	4260.00
P-5	6746291.8418	2413605.8075	4252.47	4260.00
P-6	6746291.0431	2413544.2484	4251.16	4233.66
P-7	6746307.3959	2413397.7021	4242.25	4234.94
P-8	6746384.4601	2413398.3245	4242.00	4234.63
P-9	6746375.6153	2413511.3968	4254.44	4233.62

NO.	ISSUE PURPOSE	AUTH. BY	DATE	REV.	DESCRIPTION	CHK'D	APP'D	DATE
				B	REVISED PER LRWQCB REVIEW	DB	RBB	11/15/10
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DRAWING TITLE: REFERENCE DRAWINGS

ISSUE AUTHORIZATION

REVISIONS

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Engineers and Scientists

DESIGN: RBB | DRAWN: ML | REVIEWED: DB
CHECKED: RBB | APPROVED: RBB | DATE: 11/15/10
FILE NAME: Bishop_Mill_TSF_ML_20101115_Rev01.dwg

PREPARED FOR:

CMC METALS

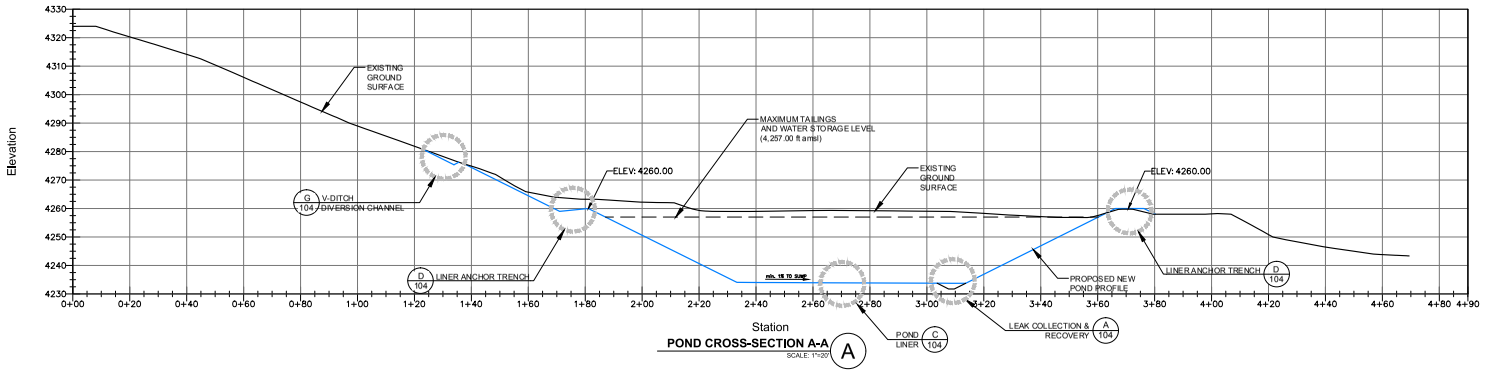
REPORT OF WASTE DISCHARGE
BISHOP MILL
WASTE MANAGEMENT UNIT

DRAWING TITLE: GRADING PLAN FOR PROPOSED NEW TAILINGS WASTE MANAGEMENT UNIT

DRAWING NO. 204600.010-102 | SHEET 1 OF 1 | REVISION NO. B

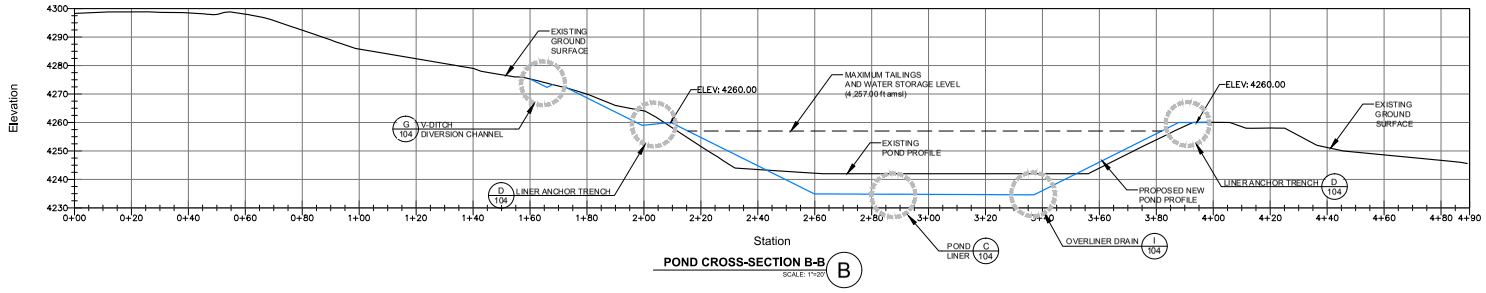
SRK JOB NO.: 204600.010

\\rno-svr0\documents\CMC Metals (Bishop Mill)\204600.010_Bishop_Mill_Waste_Discharge_Permit\040_Drafting\Bishop_Mill_TSF_ML_20101115_Rev01.dwg



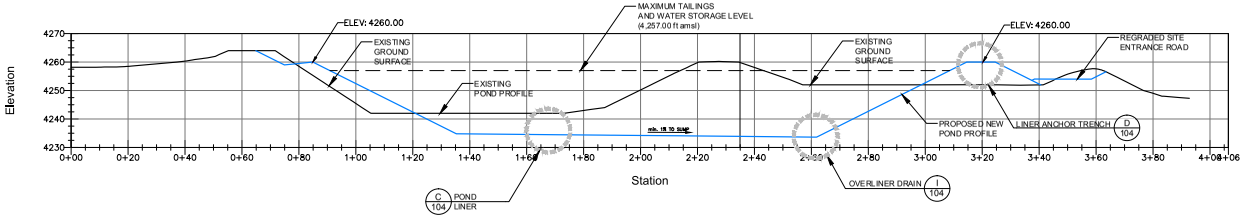
POND CROSS-SECTION A-A (A)

SCALE: 1"=20'



POND CROSS-SECTION B-B (B)

SCALE: 1"=20'



POND CROSS-SECTION C-C (C)

SCALE: 1"=20'

DRAWING TITLE	NO.	ISSUE PURPOSE	AUTH. BY	DATE	REV.	DESCRIPTION	CHK'D	APP'D	DATE
REFERENCE DRAWINGS		ISSUE AUTHORIZATION				REVISIONS			
					B	REVISED PER LRWQCB REVIEW	DB	RBB	11/15/10
					A	REPORT OF WASTE DISCHARGE	DB	RBB	6/28/10

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DESIGN: RBB	DRAWN: ML	REVIEWED: DB
CHECKED: RBB	APPROVED: RBB	DATE: 11/15/10

FILE NAME: Bishop_Mill_TSF_ML_20101115_Rev01.dwg

PREPARED FOR: **CMC METALS**

REPORT OF WASTE DISCHARGE
BISHOP MILL
WASTE MANAGEMENT UNIT

DRAWING TITLE: PROPOSED NEW TAILINGS WASTE MANAGEMENT UNIT CROSS-SECTIONS

DRAWING NO. **204600.010-103** | SHEET 1 OF 1 | REVISION NO. B

SRK JOB NO.: 204600.010

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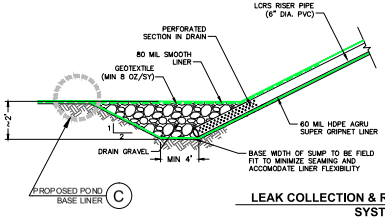
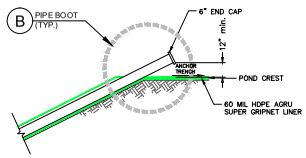
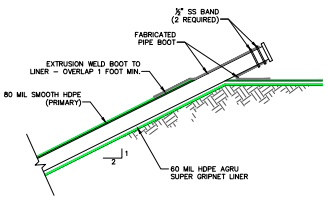


LEAK COLLECTION & RECOVERY SYSTEM (LCRS) A
SCALE: 1"=3'





PIPE BOOT (TYP.) B
SCALE: N.T.S.

SETTING OUT POINTS				
Full Description	Easting	Northing	EG Point Elevation	FG Point Elevation
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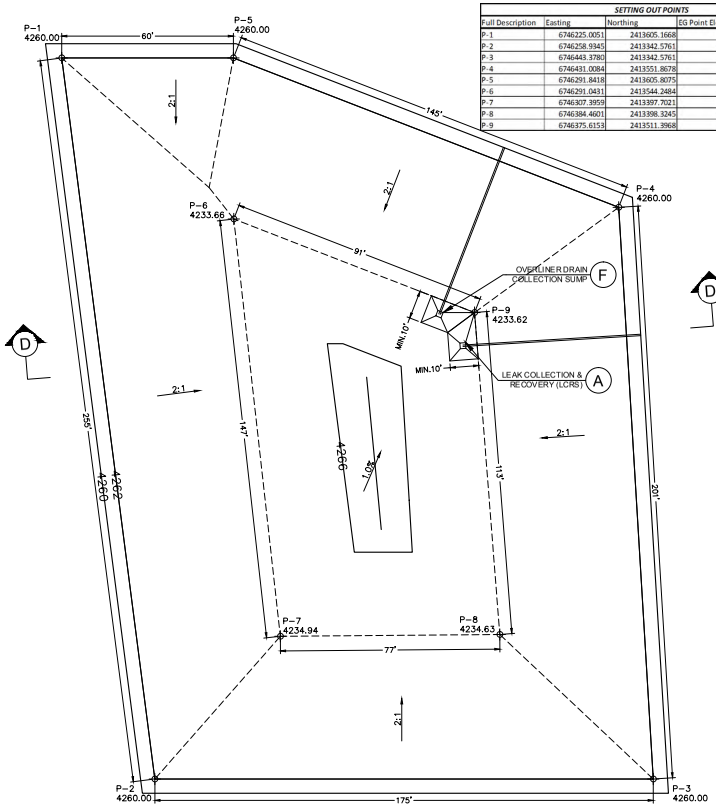
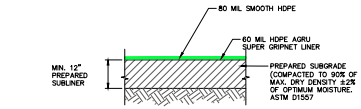
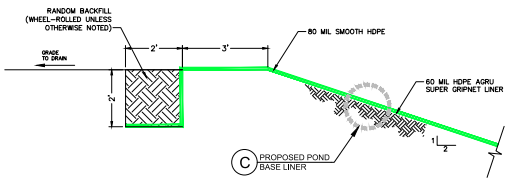


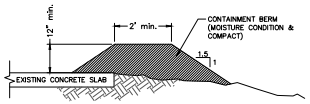
POND LAYOUT DETAIL F
SCALE: 1"=20'



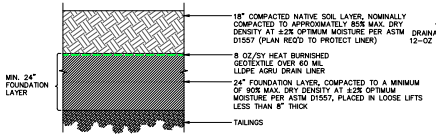
POND BASE LINER C
SCALE: N.T.S.



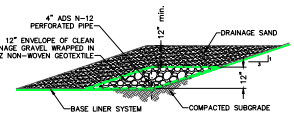
LINER ANCHOR TRENCH DETAIL D
SCALE: 1"=2'



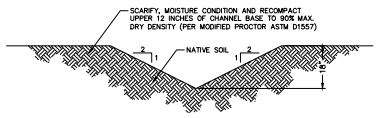
STOCKPILE PAD PERIMETER CONTAINMENT BERM E
SCALE: 1"=2'



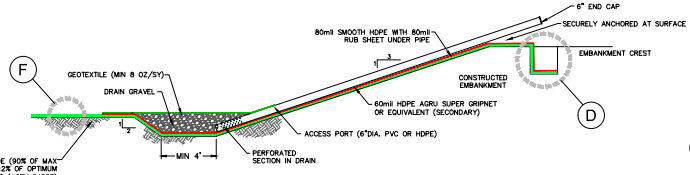
FINAL COVER F
SCALE: 1"=2'



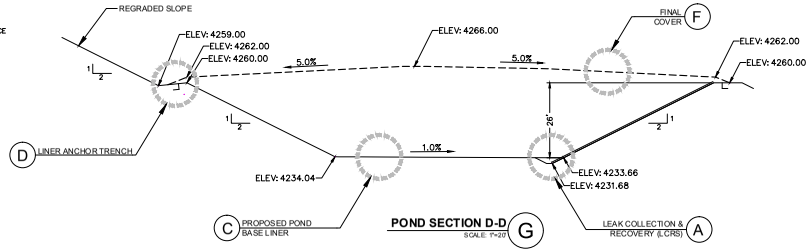
OVERLINER DRAIN DETAIL I
SCALE: N.T.S.



V-DITCH DIVERSION CHANNEL G
SCALE: 1"=2'



OVERLINER DRAIN COLLECTION SUMP F
SCALE: N.T.S.



POND SECTION D-D G
SCALE: 1"=20'

DRAWING TITLE	NO.	ISSUE PURPOSE	AUTH. BY	DATE
REFERENCE DRAWINGS		ISSUE AUTHORIZATION		

REV.	DESCRIPTION	CHK'D	APP'D	DATE
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PREPARED FOR:

CMC METALS

REPORT OF WASTE DISCHARGE
BISHOP MILL
WASTE MANAGEMENT UNIT

DRAWING TITLE:
PROPOSED NEW TAILINGS WASTE MANAGEMENT UNIT DETAILS

DRAWING NO. 204600.010-104
SHEET 1 OF 1
SRK JOB NO.: 204600.010
REVISION NO. B

\\rno-svr0\documents\CMC Metals (Bishop Mill)\204600.010_Bishop_Mill_Waste_Discharge_Permit\040_Drafting\Bishop_Mill_TSF_ML_20101115_Rev01.dwg