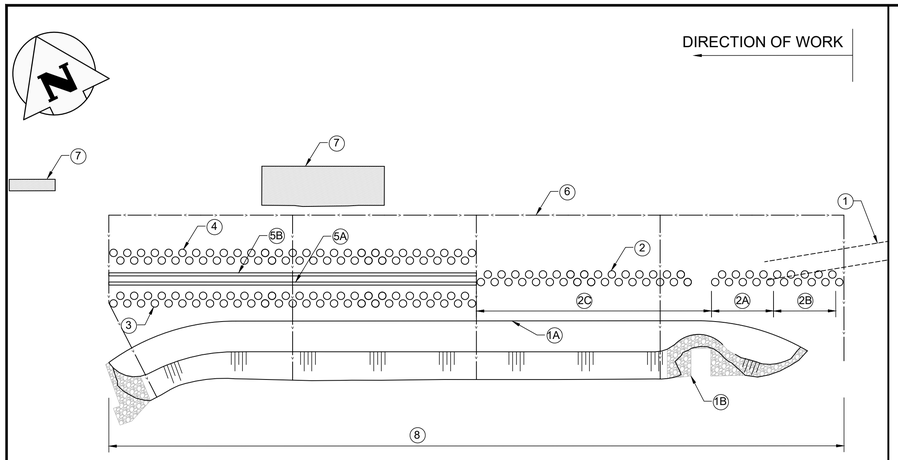
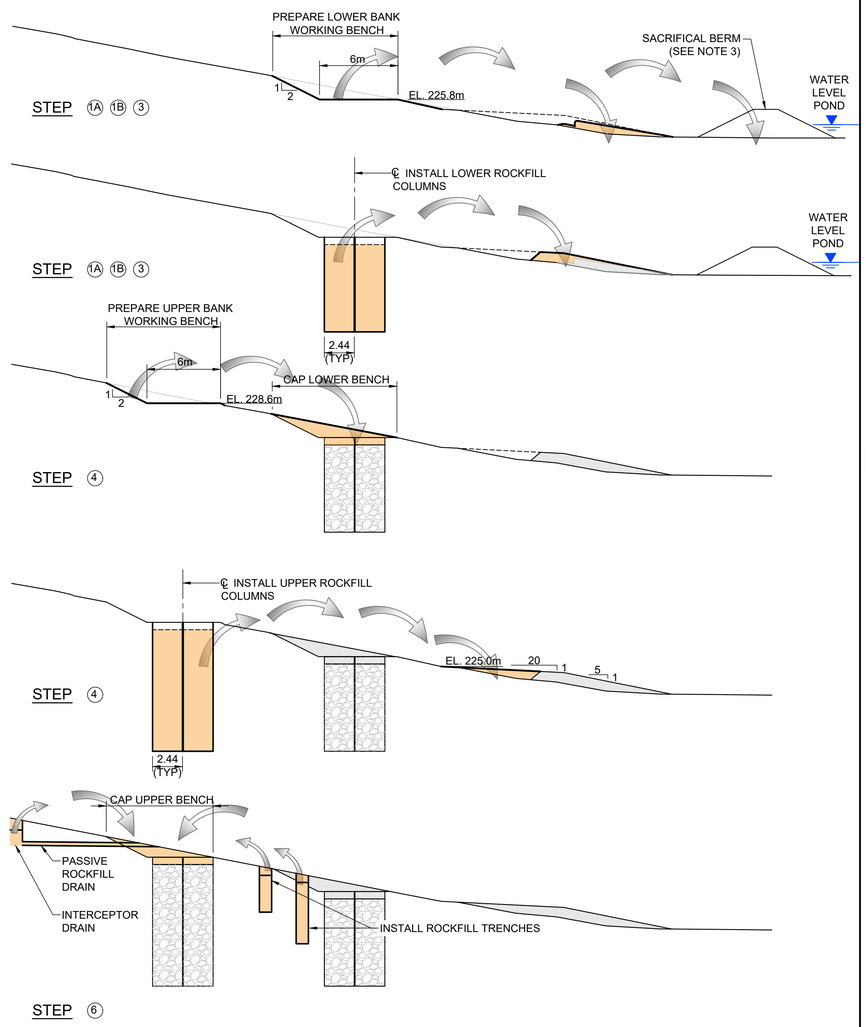


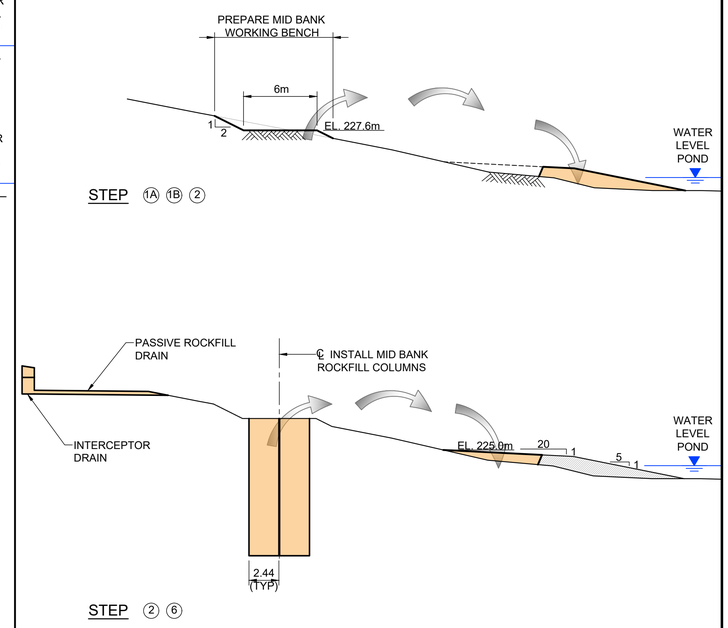
STEPS

1	-	CONSTRUCT ACCESS RAMP
1A	-	CONSTRUCT CLAYTOE BERM (SEE NOTE 1)
1B	-	OUTFALL RIPRAP TREAMENT
2	-	INSTALL MID ROCKFILL COLUMNS
2A	-	INSTALL MID ROCKFILL COLUMNS AT BOTTOM OF RAMP TO OUTFALL
2B	-	INSTALL MID ROCKFILL COLUMNS FROM RAMP TO BOTTOM END TO EAST
2C	-	INSTALL MID ROCKFILL COLUMNS FROM OUTFALL TO WEST
3	-	INSTALL LOWER ROCKFILL COLUMNS EAST TO WEST
4	-	INSTALL UPPER ROCKFILL COLUMNS EAST TO WEST
5A 5B	-	INSTALL LOWER AND UPPER ROCKFILL TRENCHES EAST TO WEST
6	-	INSTALL INTERCEPTOR DRAIN AND PASSIVE ROCKFILL DRAINS COMPLETE WITH SWALES (SEE NOTE 2)
7	-	ROAD AND SIDEWALK REPAIRS
8	-	LANDSCAPING

UPPER AND LOWER BANK ROCKFILL COLUMNS CONSTRUCTION



MID BANK ROCKFILL COLUMNS CONSTRUCTION



NOTES:

1. CONTRACTOR TO START WORK ON THE EAST SIDE OF THE SITE AND CONTINUE WEST.
2. INSTALL INTERCEPTOR DRAIN AND PASSIVE ROCKFILL DRAINS COMPLETE WITH GEOMEMBRANE LINED SWALES AND OUTFALL SWALES
3. THE SACRIFICIAL CLAY BERM MATERIAL SHALL BE A HIGH PLASTICITY CLAY MATERIAL ACCEPTED BY THE CONTRACT ADMINISTRATOR BEFORE ITS USE. THE CLAY MATERIAL SHALL BE COMPACTED USING BUCKET PACKING METHODS IN ORDER TO ENSURE THAT WATER CANNOT SEEP THROUGH THE SACRIFICIAL BERM DURING THE PROJECT'S CONSTRUCTION PERIOD TO ALLOW THE CLAY BERM TO BE CONSTRUCTED IN THE DRY.

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

PROPERTY LIMITS DELINEATION

DELINEATION OF PROPERTY LIMITS AS SHOWN ON THIS DWG DOES NOT REPRESENT A "LEGAL SURVEY". KGS GROUP MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF PROPERTY LIMITS DELINEATED ON THIS DWG, NOR ON THE DIMENSIONAL ACCURACY OF DWG FEATURES RELATIVE TO THOSE PROPERTY LIMITS.

WARNING

1. NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
3. SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.

DISCLAIMER:

THIS DRAWING IS INTENDED TO SHOW THE CONCEPTUAL CONSTRUCTION SEQUENCING SCHEMATIC ONLY AND IS NOT INTENDED TO SPECIFY THE MEANS AND METHODS EMPLOYED TO COMPLETE THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR THE MEANS AND METHODS.

ISSUED FOR TENDER
NOT TO BE USED FOR CONSTRUCTION

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
KGS Group
No. 245

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
300 LDS	LAND DRAINAGE SEWER	300 LDS	— × — × —	FENCE			TREE	
250 WWS	WASTE WATER SEWER	250 WWS		TEST HOLE				
	GAS			GUY WIRE				
	HYDRO			LIGHT STANDARD				
	M.T.S.			BACK OF CURB				
150 WM	WATERMAIN	150 WM		CONCRETE			℄ PROFILE	
	HYDRANT			ASPHALT			EDGE OF ALLEY LHS	
	VALVE			SIDEWALK			EDGE OF ALLEY RHS	
	MANHOLE			PROPERTY LINE			N/W LANE PL	
	CATCH BASIN			SURVEY BAR			S/E MEDIAN PL	
	CURB INLET			GEODETIC BENCHMARK		LHS/RHS	GARAGE/PARKING SLAB	
	POLES T-MTS H-HYDRO		231.33	ELEVATION	232.231		WINDOW/DOOR SILL	

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE — DATE

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M. -
ELEV. -

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	21/06/30	BPA

KGS GROUP

DESIGNED BY	DJF	CHECKED BY	BPA
DRAWN BY	PwD	APPROVED BY	BPA
HOR. SCALE: VERTICAL:	AS NOTED	RELEASED FOR CONSTRUCTION:	
DATE	2021-05-28	DATE	-

ENGINEER'S SEAL

CONSULTANT DRAWING N0.
CG-05

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PROJECT TITLE
TRANSCONA BOULEVARD POND STABILIZATION AND ROADWORKS

SLOPE STABILIZATION WORKS
CONSTRUCTION SEQUENCING SCHEMATICS

SHEET 8 OF 12
COMPUTER FILE NAME 21-0107-004-CG-05
CITY DRAWING NUMBER P-3548-08

Filename: \\x-file-a\p-drive\Projects\2021\21-0107-004\dwg\Geo\Construction Drawings\21-0107-004_CG-05 – Tab:Rev0 Plotted By: PDeffner 21/06/29 [Tue 4:21 pm]
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