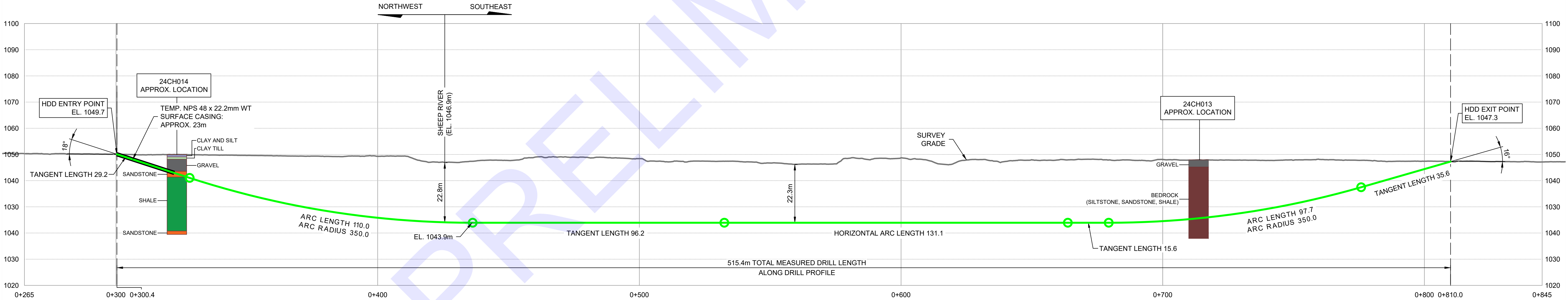




PLAN VIEW
SCALE 1:750



PROFILE VIEW
HORIZONTAL SCALE 1:750
VERTICAL SCALE 1:750

24" HDPE DESIGN PARAMETERS	
THEORETICAL PULL FORCE WITH BUOYANCY (lbs)	71,400
MAX. ALLOWABLE PULL FORCE (lbs)	182,899

24" HDPE WASTE VOLUME AND SOURCE WATER ASSESSMENT	
APPROX. TOTAL WASTE PROFILE (m³)	- (-% SOLIDS CONTENT)
SOURCE WATER (m³)	-

24" HDPE CROSSING PIPE SPECIFICATION	
OUTSIDE DIAMETER (OD)(mm)	609.6
INSIDE DIAMETER (ID)(mm)	474.14
WALL THICKNESS (WT)(mm)	67.73
DR	9.0
MATERIAL	HDPE
SPECIFICATIONS	IPS
COATING	-
MEDIUM CARRIED	WATER

24" HDPE DRILLING SPECIFICATIONS	
DRILLING INSTALLATION METHOD	MUD MOTOR
MIN. FINAL BOREHOLE DIAMETER (mm)	914.4 (36")
MINIMUM RIG SIZE (lbs)	220,000
MINIMUM 30m RADIUS (m)	200
MAXIMUM DOGLEG (DEG/30m)	8.59

NOT FOR CONSTRUCTION

ENGINEERING STAMP AND PERMIT

1306012005-C-DES (ACAD)	-
1306012005-FORW-PH1-RFP (PDF)	2024-07-08
DRAWING NAME	DATE
REFERENCE DRAWINGS	

NOTES

B	ISSUED FOR REVIEW	2024-08-22	TM	PP	TM	PP	BV
A	ISSUED FOR RFP	2024-07-19	TM	PP	TM	PP	BV
REV	DESCRIPTION	DATE	DRN	CHK	DES	ENG	APPR
REVISIONS							

FOOTHILLS OKOTOKS REGIONAL WATER PROJECT -PIPELINE PHASE 1

SHEEP RIVER

HDD CROSSING

24" HDPE HDD PLAN AND PROFILE

LSD:	SW SEC 28-20-29 W4M OKOTOKS, ALBERTA	REV	
DWG NO.	23698-01-DW01	SHEET	1 OF 1

B