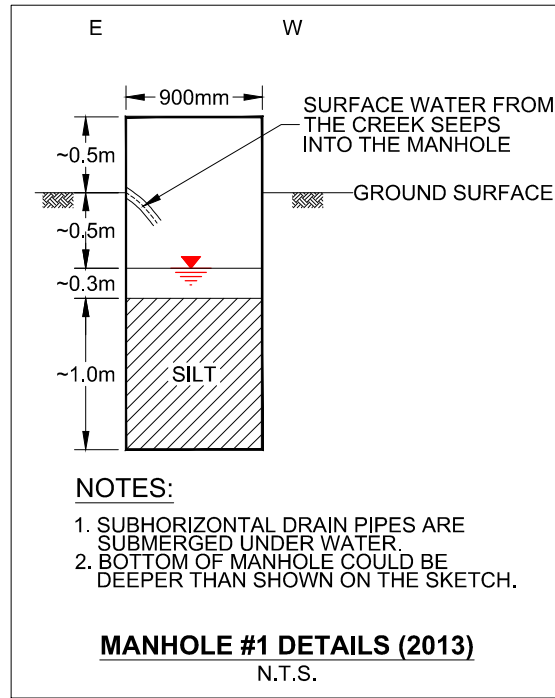
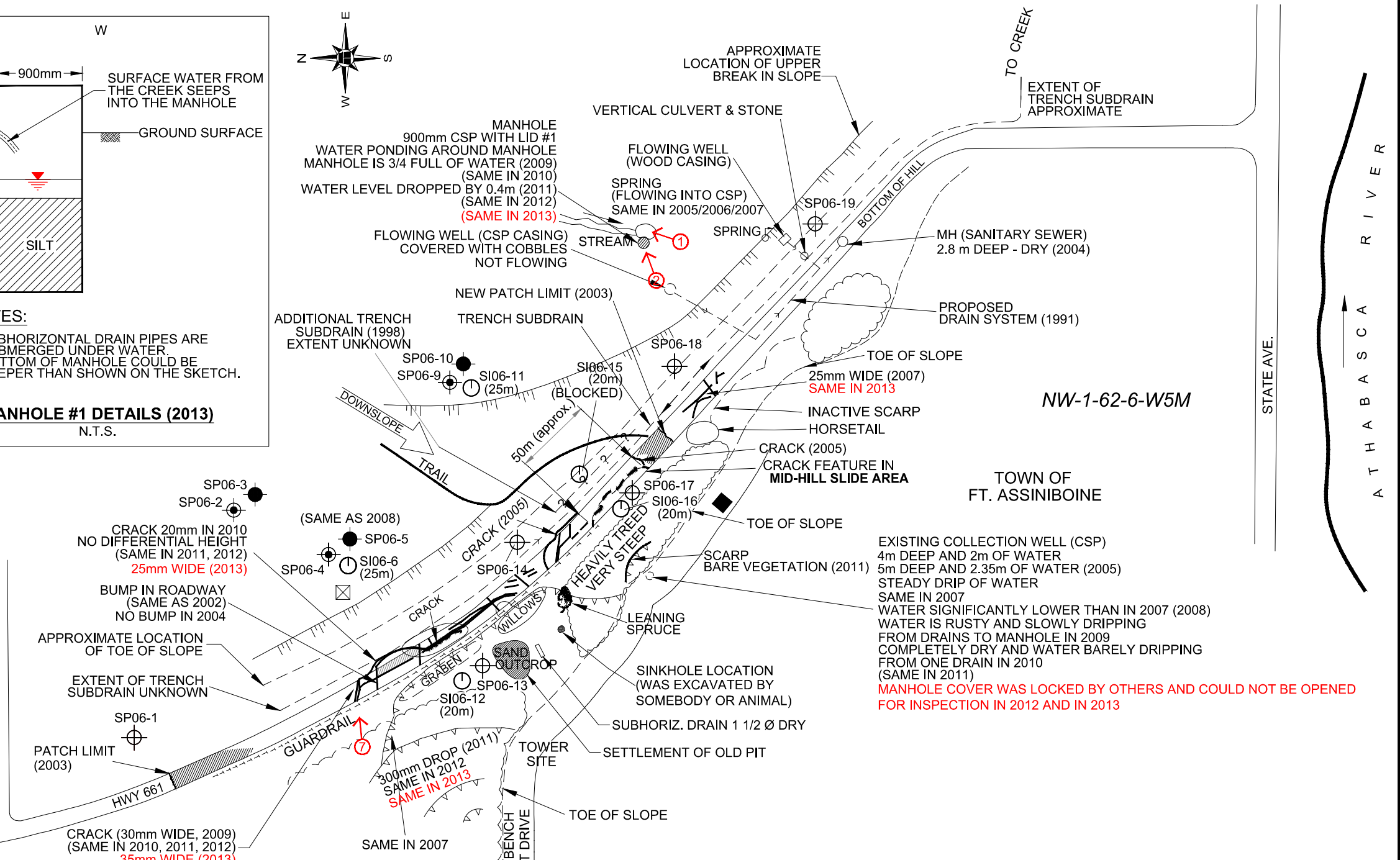
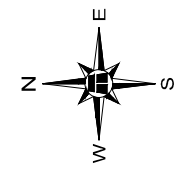


KEY MAP
N.T.S.



- NOTES:**
1. SUBHORIZONTAL DRAIN PIPES ARE SUBMERGED UNDER WATER.
 2. BOTTOM OF MANHOLE COULD BE DEEPER THAN SHOWN ON THE SKETCH.

CATCH BASIN	GPS COORDINATES (UTM-NAD83)	
	NORTHING	EASTING
	6023315	644904

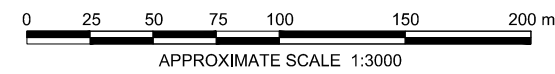


LEGEND

- ASPHALT PATCH
- ASPHALT PATCH (2004)
- SI (m) SLOPE INCLINOMETER AND DEPTH
- SP STANDPIPE PIEZOMETER (25m DEPTH)
- SP STANDPIPE PIEZOMETER (15m DEPTH)
- SP STANDPIPE PIEZOMETER (10m DEPTH)
- PHOTOGRAPH NUMBERED, AND APPROXIMATE LOCATION AND DIRECTION (JUNE 10, 2013)
- WEATHER STATION
- CATCH BASIN
- MR. CARTWRIGHT PROPERTY

NOTES

1. FEATURE LOCATIONS ARE APPROXIMATE.
2. PREVIOUS OBSERVATIONS SHOWN IN BLACK
3. THREE LEVEL LOGGERS WERE INSTALLED IN SP06-2, SP06-3, AND SP06-13 AND TWO VIBRATING WIRE PIEZOMETERS WERE INSTALLED IN SP06-4 AND SP06-5.
4. **JUNE 10, 2013 OBSERVATIONS ARE SHOWN IN RED**



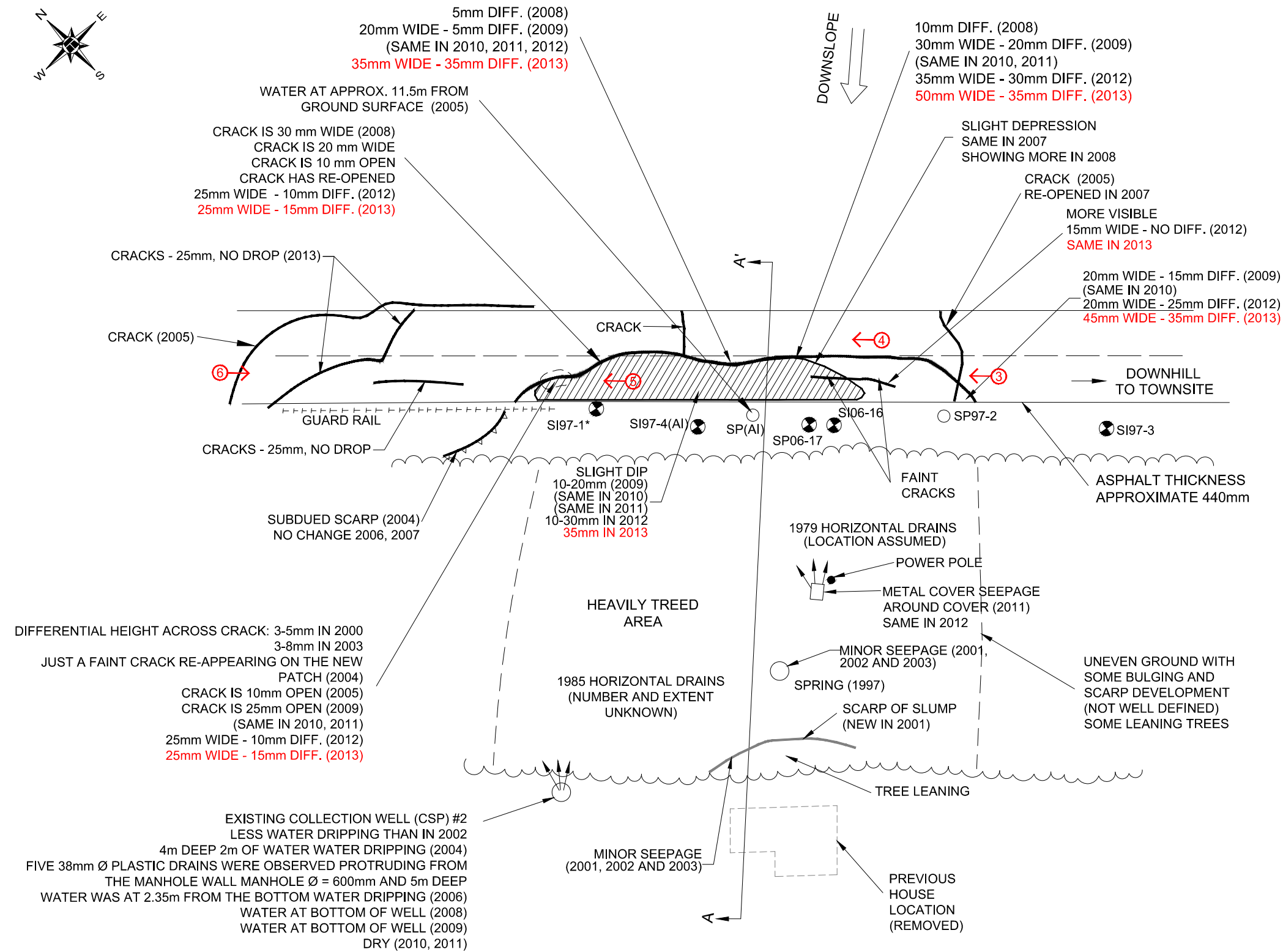
NORTH CENTRAL REGION (ATHABASCA AREA)
- 2013 GEOHAZARD ASSESSMENT

NC14: HWY 661:02 FORT ASSINIBOINE (km 1.8)
SITE PLAN SHOWING EXISTING FEATURES

FIGURE NC14-1

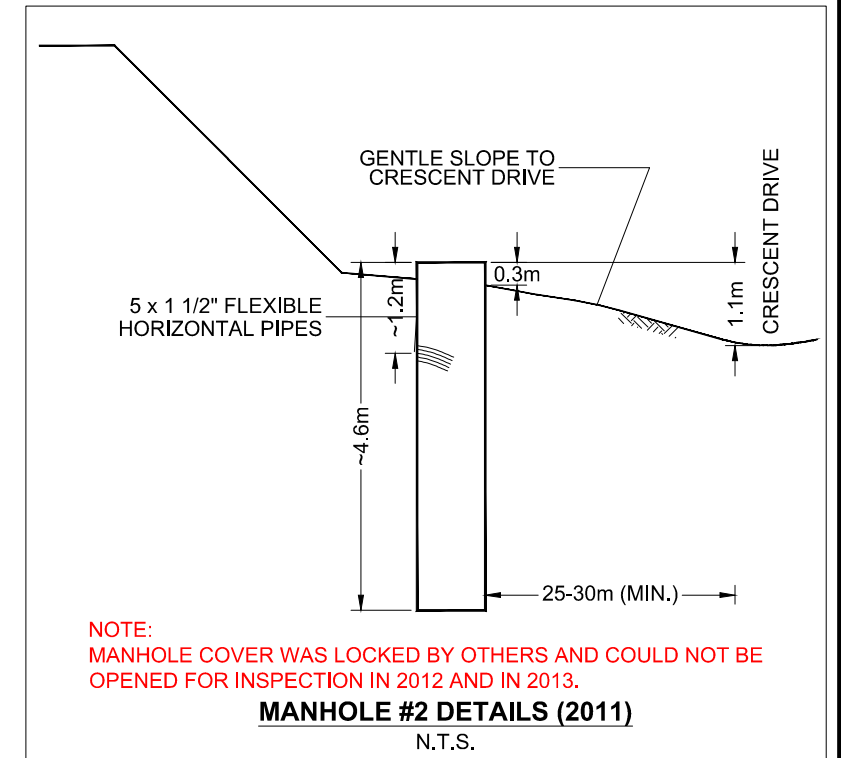
DRAWN BY	ML
DESIGNED BY	TSA
APPROVED BY	DWP
SCALE	AS SHOWN
DATE	DECEMBER 2013
FILE No.	15-16-285

THURBER ENGINEERING LTD.



NOTES :

1. FEATURE LOCATIONS ARE APPROXIMATE.
 2. PREVIOUS OBSERVATIONS SHOWN IN BLACK
 3. PREVIOUS CRACK PATTERN WAS COVERED BY NEW (2004) ASPHALT PATCH
 4. **JUNE 10, 2013 OBSERVATIONS ARE SHOWN IN RED**
- ① PHOTOGRAPH NUMBER, AND APPROXIMATE DIRECTION AND LOCATION (JUNE 10, 2013)



MANHOLE #2 DETAILS (2011)

N.T.S.

LEGEND

SI - SLOPE INCLINOMETER
 SP - STANDPIPE PIEZOMETER

MANHOLE NUMBER	GPS COORDINATES (UTM-NAD83)	
	NORTHING	EASTING
MH #1	6023351	644914
MH #2	6023367	644730
METAL COVER	6023374	644771

**NORTH CENTRAL REGION (ATHABASCA AREA)
 - 2013 GEOHAZARD ASSESSMENT**

**NC14: HWY 661: 02 FORT ASSINIBOINE (km 1.8)
 SITE PLAN SHOWING MID-HILL SLIDE AREA**

FIGURE NC14-2

DRAWN BY	ML
DESIGNED BY	TSA
APPROVED BY	DWP
SCALE	N. T. S.
DATE	DECEMBER 2013
FILE No.	15-16-285

