SURVEY CONTROL SHEET 17BP.8.R.123

CH ENGINEERING
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PROJECT REFERENCE NO.	SHEET NO.
17BP.8.R.123	1C-1

BL POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
100	BL-100	463805.0209	1787178.9224	297.84	OUTSIDE PROJECT LIMITS	
101	BL-101	464003.9281	1787582.4461	267.75	10+17.52	15.09 RT
102	BL-102	464359.2961	1788108.5918	257.54	16+52.19	13.94 RT
1	GPS 760064-1	464773.8746	1788702.6226	294.37	23+76.42	15.75 RT
2	GPS 760064-2	465335.7331	1789449.8643	332.94	OUTSIDE PROJECT LIMITS	

L

TYPE	STATION	NORTH	EAST
POT	10+00.00	464006.8611	1787559.5152
PC	11+71.55	464101.4127	1787702.6572
PT	15+20.46	464296.2644	1787992.0786
PC	16+57.05	464373.5391	1788104.7078
PT	17+88.97	464448.8025	1788213.0507
POT	24+34.01	464819.8864	1788740.6635

ROW MARKER CONCRETE

ALIGN	STATION	OFFSET	NORTH	EAST
L	12+00.00	-30.00	464142.1180	1787709.8135
L	12+00.00	-40.00	464150.4541	1787704.2900
L	15+20.46	-65.00	464349.8621	1787955.3053
L	16+57.05	-65.00	464427.1369	1788067.9345
L	17+88.97	-45.00	464485.6103	1788187.1628
L	18+75.00	-30.00	464522.8352	1788266.1637
L	12+00.00	30.00	464092.1015	1787742.9547
L	12+00.00	40.00	464083.7654	1787748.4783
L	13+50.00	50.00	464158.9641	1787879.0432
L	15+20.46	55.00	464250.9124	1788023.1945
L	16+57.05	55.00	464328.1872	1788135.8238
L	17+88.97	45.00	464411.9947	1788238.9386
L	18+75.00	30.00	464473.7581	1788300.6809

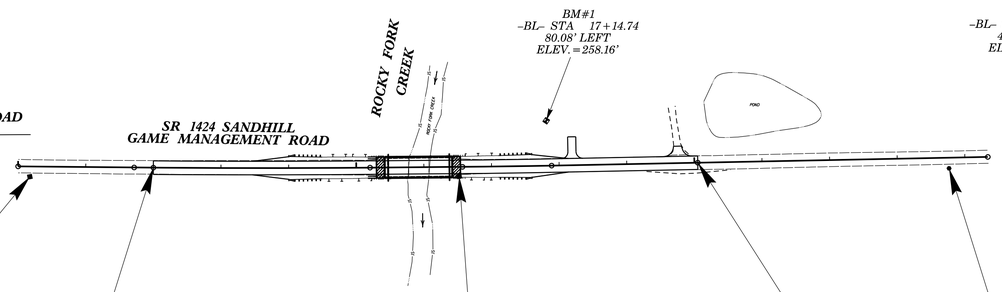
BM1 ELEVATION = 258.16
N 464499 E 1788169
BL STATION 17+15 80' LEFT
NAIL SET IN 24" PINE TREE

BM2 ELEVATION = 299.98
N 464885 E 1788773
BL STATION 24+32 47' LEFT
NAIL SET IN 18" GUM TREE

NC GRID
NAD 83 NA 2011

NCDOT BASELINE MONUMENT (BL-100)
LOCALIZED PROJECT COORDINATES
N = 463805.0209
E = 1787178.9224

NCDOT GPS MONUMENT (760064-2)
LOCALIZED PROJECT COORDINATES
N = 465335.7331
E = 1789449.8643



NCDOT BASELINE MONUMENT (BL-101)
LOCALIZED PROJECT COORDINATES
N = 464003.9281
E = 1787582.4461

-L- POC STA. 12+00.00
BEG TIP PROJECT 17BP.8.R.123
LOCALIZED PROJECT COORDINATES
N = 464117.1097
E = 1787726.3841

NCDOT BASELINE MONUMENT (BL-102)
LOCALIZED PROJECT COORDINATES
N = 464359.2961
E = 1788108.5918

-L- POT STA. 20+05.00
END TIP PROJECT 17BP.8.R.123
LOCALIZED PROJECT COORDINATES
N = 464573.0840
E = 1788389.7560

NCDOT GPS MONUMENT (760064-1)
LOCALIZED PROJECT COORDINATES
N = 464773.8746
E = 1788702.6226

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY OTHERS FOR MONUMENT "760064-1"
WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 464773.8746(ft) EASTING: 1788702.6226(ft)
ELEVATION: 294.37(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99987121
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "760064-1" TO -L- STATION 12+00 IS
S 56° 04' 09.44" W 1176.5975
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

NOTES:

SITE CALIBRATION INFORMATION HAS NOT BEEN PROVIDED FOR THIS PROJECT. IF FURTHER INFORMATION IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

◆ *INDICATES CONTROL MONUMENTS USED OR SET FOR HORIZONTAL PROJECT CONTROL BY THE NCDOT LOCATION AND SURVEYS UNIT.*

● *INDICATES GEODETIC CONTROL MONUMENTS USED OR SET FOR HORIZONTAL PROJECT CONTROL BY THE NCDOT LOCATION AND SURVEYS UNIT.*

PROJECT CONTROL ESTABLISHED USING GLOBAL POSITIONING SYSTEM.

NOTE: DRAWING NOT TO SCALE

6/2/99
4/17/2018
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