PROJECT REFERENCE NO.	SHEET NO.
R-5817	1C-2
Location and Surveys	

SURVEY CONTROL SHEET R-5817

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

BASELINE DATA

BL

POINT	DESC.	NORTH	EAST	ELEVATION
107	BL-1	638646.2067	2174909.2107	204.11
108	BL-2	638512.0083	2175286.8200	202.24
100	BL-3=BY1-1	638491.4331	2175759.1848	197.88
101	BL-4	638679.0714	2176124.0705	202.90
102	BL-5	638914.4232	2176380.2149	201.62

BY1

POINT	DESC.	NORTH	EAST	ELEVATION
2	W5601BX GPS-2	638148.3500	2175450.3550	197.78
100	BL-3=BY1-1	638491.4331	2175759.1848	197.88

PRIMARY CONTROL

POINT	DESC.	NORTH	EAST	ELEVATION
1	W5601BX GPS-1	637803.0749	2175078.6096	198.84

BENCHMARK DATA

****
(104) TBM#1 ELEVATION = 205.07
N 638976 E 2176558
RR SPIKE IN BASE OF 30" OAK
****
****
(109) TBM#2 ELEVATION = 204.41
N 638624 E 2174974
RR SPIKE SET IN WEST EDGE OF PAVEMENT OF NC 210
****

ALIGNMENT DATA

EL

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	638644.300	2174852.576							
LINE			S 75°21'25.2" E	142.70					
POT	638608.226	2174990.640							
LINE			S 75°21'25.2" E	237.01					
PC	638548.311	2175219.951							
CURVE			S 77°03'13.3" E	110.12	03°23'36.2"(LT)	03°04'51.9"	110.14	55.08	1859.59
PCC	638523.640	2175327.272							
CURVE			S 82°34'12.4" E	139.90	07°38'22.0"(LT)	05°27'24.3"	140.00	70.10	1050.00
PCC	638505.550	2175465.994							
CURVE			N 78°33'17.6" E	471.03	30°06'37.9"(LT)	06°19'09.3"	476.49	243.88	906.69
PCC	638599.015	2175927.653							
CURVE			N 60°44'42.1" E	149.94	05°30'33.2"(LT)	03°40'22.1"	150.00	75.06	1560.00
PCC	638672.291	2176058.471							
CURVE			N 56°29'40.5" E	104.93	02°59'30.0"(LT)	02°51'03.2"	104.94	52.48	2009.76
PT	638730.212	2176145.962							
LINE			N 54°59'55.5" E	279.19					
POT	638890.354	2176374.657							
LINE			N 54°59'55.5" E	134.41					
POT	638967.448	2176484.754							

EY

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	638521.658	2175702.398							
LINE			S 10°00'28.5" E	41.56					
POT	638480.730	2175709.621							
LINE			N 10°00'28.2" W	0.00					
PC	638480.730	2175709.621							
CURVE			S 18°43'38.7" W	115.38	57°28'14.4"(RT)	47°44'47.3"	120.37	65.79	120.00
PT	638371.455	2175672.575							
LINE			N 47°27'45.0" E	0.00					
POT	638371.456	2175672.575							
LINE			S 47°27'45.9" W	276.24					
POT	638184.697	2175469.029							

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. NOTE: DRAWING NOT TO SCALE

REVISIONS

6/2/99

23FEB-2008 09:43
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faith.ishke