

NOTES:

- ALL CO-ORDINATES FOR THIS PLAN ARE REFERENCED TO THE NAD 83 DATUM. ON SITE MARS CO-ORDINATES WERE ESTABLISHED USING UTM'S POSITIONING. CO-ORDINATES ARE REDUCED GRID VALUES. APPLY A COMBINED SCALE FACTOR OF 0.999816 TO PLAN CO-ORDINATES TO OBTAIN GROUND DISTANCES.
 - HORIZONTAL CONTROL:**
1) BENCH STATION FOR THE ABOVE WORKS WAS MONUMENT #723114 AS SUPPLIED BY GEODETIC SURVEY OF CANADA.
SINGLE NUMBER: 723114 NAME: AMHERST U.S.L.C.(U.S. LAKE SURVEY)
PROVINCIAL IDENT.: 001723114
DUTUM: MARS
LAT. 44-07-23.32540 LONG. -76-41-24.00902
UTM: 18 N E= 488633.0777m E= 364785.483m
GRID SEPARATION: -34.624m
 - VERTICAL CONTROL:**
1) ALL ELEVATIONS SHOWN ON PLAN ARE GEODETIC AND ARE REFERENCED TO BENCHMARK 670182 - ELEVATION 70.061m. ELEVATIONS ARE BASED ON CGO28 (CANADIAN GEODETIC DATUM OF 1928).
BENCHMARK CAN BE LOCATED ON A LARGE CONCRETE CURB UNDER HWY #33, 1.4 Km EAST OF JUNCTION WITH HWY #133, 0.30m WEST OF THE ENTRANCE TO C.I.L. MILLHAVEN FIBRES LTD. PLANT, TABLET IN TOP OF CURB, 30cm FROM SOUTH END, 30cm FROM EAST EDGE, 1m BELOW LEVEL.
 - ORIGINAL FIELD SURVEY TO COMPLETE CONDITION SURVEY SITE PLAN WAS CONDUCTED FROM NOVEMBER 1994 TO MARCH 31, 1995. ADDITIONAL SURVEY TO UPDATE SITE PLAN FOR "MILLHAVEN INSTITUTION" ONLY WAS CONDUCTED FROM SEPTEMBER 1998 TO JANUARY 1997.
 - MONUMENTATION:**
ADDITIONAL BRASS MONUMENTS LABELLED PUBLIC WORKS CANADA, SURVEY MARKER WERE SET ON SITE. MONUMENTS #9 AND #10 ARE PERMANENTLY SET BOLTS WITH NO LABEL. MONUMENT AT BUILDING A-3 HAS NO LABEL.
NEW MONUMENTS ARE AS FOLLOWS:
- | LABEL | NORTHING | EASTING | ELEVATION |
|-------|------------------|----------------|------------------------|
| 1 | N= 4,894,478.534 | E= 360,159.060 | ELEV= 91.041 |
| 2 | N= 4,894,396.849 | E= 359,869.006 | ELEV= 91.182 |
| 4 | N= 4,894,686.686 | E= 359,666.003 | ELEV= 90.075 |
| 5 | N= 4,894,680.874 | E= 359,593.008 | ELEV= 95.894 |
| 7 | N= 4,895,246.307 | E= 360,161.074 | ELEV= 95.158 DESTROYED |
| 9 | N= 4,895,381.460 | E= 359,866.753 | ELEV= 95.835 |
| 10 | N= 4,895,101.829 | E= 359,931.425 | ELEV= 95.835 |
| SM08 | N= 4,895,159.266 | E= 359,848.801 | ELEV= 96.189 |
| SM11 | N= 4,895,404.450 | E= 359,534.173 | ELEV= 98.923 |
| A-3 | N= 4,894,812.764 | E= 359,817.025 | ELEV= 97.005 |
- ADDITIONAL TOPOGRAPHIC AND SITE SERVICES INFORMATION WAS OBTAINED FROM:
1) PWSC CONTRACT DRAWINGS - "PERIMETER SECURITY FENCE" PROJ. NO. 608499, DATED 04-12-02
2) PWSC CONTRACT DRAWINGS - "MATE HOUSING" PROJ. NO. 670568, DATED 04-05-16
3) VARIOUS "AS-BUILT" DRAWINGS OF SITE SERVICES WORKS AND "1985 PHYSICAL PLAN SURVEY" DRAWINGS PROJ. NO. 620561, DATED FEB. 1985.
 - LOCATION RECORDS OF BURIED GAS MAIN AND SERVICES WAS SUPPLIED BY CENTRA GAS ONTARIO INC. LINE LOCATES DONE BY PWSC FROM BUILDING BACK TO GAS REGULATOR AND MHVU.
 - LOCATION RECORDS OF BURIED MAIN TELEPHONE SERVICE WAS SUPPLIED BY BELL CANADA. SOME LINE LOCATES DONE BY PWSC FOR MILLHAVEN SITE.
 - ALL PIPE DIAMETERS ARE IN MILLIMETRES.
- CAUTION**
- SOME BURIED ELECTRICAL, TELEPHONE, WATER AND GAS LINES ARE SHOWN IN APPROXIMATE LOCATIONS.
 - EXACT LOCATION OF ALL BURIED SERVICES TO BE CONFIRMED ON SITE PRIOR TO ANY CONSTRUCTION WORKS.
- NB**
- BETWEEN MARCH 31, 1995 AND MARCH 31, 2008 SEVERAL PLANIMETRIC MAPPING AND UTILITY DATA VALIDATION SURVEYS HAVE BEEN CARRIED OUT AT BOTH THE MILLHAVEN AND BATH INSTITUTIONS, TO REFLECT THE PHYSICAL CHANGES TO THESE SITES AND TO VERIFY THE LOCATION OF THE UNDERGROUND SERVICES.
- CAUTION:** THESE UPDATES DO NOT CAPTURE SITE CONSTRUCTION THAT WAS INCOMPLETE AT DECEMBER 31, 2007.

BUILDING INDEX - MILLHAVEN INSTITUTION

MHA01	ADMINISTRATION BUILDING	MHU	INDUSTRIAL UNIT
MHA	CONTROL UNIT	MHW	GATE HOUSE
MHB	CELL UNIT	MHS	SECURITY & CONTROL BUILDING
MHC	CELL UNIT	MH2	MILLHAVEN HEATING PLANT
MHE	CELL UNIT	MHT1	MAN OBSERVATION TOWER
MHF	CELL UNIT	MHT2	OBSERVATION TOWER
MHG	CELL UNIT	MHT3	OBSERVATION TOWER
MHH	CELL UNIT	MHT4	OBSERVATION TOWER
MHI	CELL UNIT	MHTA	GUARD TOWER
MHJ	CELL UNIT	MHTB	GUARD TOWER
MHK	CELL UNIT	MHTC	GUARD TOWER
MHL	CELL UNIT	MHTD	GUARD TOWER
MHM	CELL UNIT	MHTE	GUARD TOWER
MHN	CENTRAL CONTROL	MHTF	GUARD TOWER
MHO	PASSAGE	MHTG	GUARD TOWER
MHP	PASSAGE	MHTH	GUARD TOWER
MHR	PASSAGE	MHTI	GUARD TOWER
MHS	SPECIAL HANDLING UNIT	MHTJ	GUARD TOWER
MHT	ADMINISTRATION UNIT	MHTK	GUARD TOWER
		MHTL	GUARD TOWER
		MHTM	GUARD TOWER
		MHTN	GUARD TOWER
		MHTO	GUARD TOWER
		MHTP	GUARD TOWER
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