

NOTES:

- ALL CO-ORDINATES FOR THIS PLAN ARE REFERENCED TO THE NAD 83 DATUM. ON SITE MATHS CO-ORDINATES WERE ESTABLISHED USING U.G.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  
DUTCH: MDS3  
LAT. 44-07-23.32540 LONG. -76-41-24.00902  
U.T.M. ZONE 18N N=4886339.777m E=364785.483m  
GEOID 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 CULVERT UNDER HWY #33, 1.4 Km EAST OF JUNCTION WITH HWY #133, 0.30km WEST OF THE ENTRANCE TO C.L.L. MILLHAVEN FIBRES LTD. PLANT, TABLET IN TOP OF CULVERT, 300m FROM SOUTH END, 300m FROM EAST EDGE, 1m BELOW ROAD 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 1999 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= 4,894,616.686 | E= 359,666.083 | ELEV= 90.075           |
| 5     | N= 4,894,680.874 | E= 359,593.008 | ELEV= 95.864           |
| 7     | N= 4,895,246.307 | E= 360,161.074 | ELEV= 95.158 DESTROYED |
| 8     | N= 4,895,381.460 | E= 359,866.753 | ELEV= 95.835           |
| 9     | N= 4,895,101.829 | E= 359,931.425 | ELEV= 96.189           |
| SM08  | N= 4,895,159.266 | E= 359,834.173 | ELEV= 98.923           |
| SM11  | N= 4,895,404.450 | E= 359,817.025 | ELEV= 97.005           |
| A-3   | N= 4,894,812.764 | E= 359,817.025 | ELEV= 97.005           |
- ADDITIONAL TOPOGRAPHIC AND SITE SERVICES INFORMATION WAS OBTAINED FROM:  
1) PWSCS CONTRACT DRAWINGS - "PERIMETER SECURITY FENCE" PROJ. NO. 608499, DATED 04-12-02  
2) PWSCS CONTRACT DRAWINGS - "INMATE 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 PWSIC FROM BUILDING BACK TO GAS REGULATOR AND MHV10.
  - LOCATION RECORDS OF BURIED MAIN TELEPHONE SERVICE WAS SUPPLIED BY BELL CANADA. SOME LINE LOCATES DONE BY PWSCS FOR MILLHAVEN SITE.
  - ALL PIPE DIAMETERS ARE IN MILLIMETERS.
- 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	MHW	SEWER & CONTROL BUILDING
MHC	CELL UNIT	MH2	MILLHAVEN HEATING PLANT
MHE	CELL UNIT	MHT2	MAIN OBSERVATION TOWER
MHF	CELL UNIT	MHT3	OBSERVATION TOWER
MHG	CELL UNIT	MHT4	OBSERVATION TOWER
MHH	CELL UNIT	MHTB	GUARD TOWER
MHI	CELL UNIT	MHTD	GUARD TOWER
MHL	CELL UNIT	MHTD	GUARD TOWER
MHM	CELL UNIT	MHTD	GUARD TOWER
MHN	CENTRAL CONTROL	MHC30	CONTRACTOR SITE OFFICE
MHP	PASSAGE	MH30A	FAMILY VISIT UNITS A&B&C
MHR	PASSAGE	MH30B	FAMILY VISIT UNITS A&B&C
MHS	SPECIAL HANDLING UNIT	MH30C	STORAGE BUILDING
MHT	ADMINISTRATION UNIT	MH30S	SIS BUILDING
		MH30A	STORAGE SHED
		MH30B	UNIT MANAGEMENT A
		MH30C	UNIT MANAGEMENT E
		MH30M	UNIT MANAGEMENT J
		KHC	KINGSTON IMMIGRATION HOLDING CENTRE

BUILDING INDEX - BATH INSTITUTION

BA02	KITCHEN/CORAN BUILDING	BB20	CHAPEL & MEETING BUILDING
BA03	MAINTENANCE BUILDING	BB21	CARPENTER'S STORAGE BUILDING
BA04	BATH HEATING PLANT	BB22	ACCOM UNIT #3 (3-UNIT ROWHOUSE H&J)
BA05	INFLAMMABLE STORAGE BUILDING	BB23	ACCOM UNIT #3 (3-UNIT ROWHOUSE H&K&M)
BA06	FOUNDATIONS EQUIPT STOR. BLDG.	BB24	ACCOM UNIT #3 (COMMUNITY BUILDING #2)
BA08	SALT & SAND STORAGE BUILDING	BB25	MECHANICAL CHANGE ENTRANCE
BA09	WATER RESERVOIR	BB26	EDUCATION CENTRE
BB01	ADMINISTRATION BUILDING	BB27	ELECTRICAL BUILDING
BB02	CASE MANAGEMENT BUILDING	BB28	FIRING SHELTER #1
BB03	ACCOMMODATION UNIT #1	BB29	STORAGE BUILDING
BB04	HOBBY CRAFT/DATA DULCK	BB30	SMOKE HOUSE
BB05	RECREATION/SOCIAL DEVELOPMENT BUILDING	BB31	FIRING SHELTER #2
BB06	INFORMATICS/STORAGE	BB32	STORES, SHIPPING & RECEIVING
BB07	SCHOOL, PROGRAMS & HEALTH CARE SERVICE	BB33	TRAINING FACILITY TRAILER
BB08	ACCOM UNIT #3 (2-UNIT ROWHOUSE A&B)	BB34	IMPLEMENT BUILDING
BB09	ACCOM UNIT #3 (2-UNIT ROWHOUSE C&D)	BB35	EMERGENCY GENERATOR BUILDING
BB10	ACCOM UNIT #3 (3-UNIT ROWHOUSE E&F)	BB36	BACKFLOW PREVENTER BUILDING
BB11	ACCOM UNIT #3 (3-UNIT ROWHOUSE G&H)	BT04	ACCOM UNIT #2 (3-UNIT MAN UNIT)
BB12	ACCOM UNIT #3 (3-UNIT ROWHOUSE I&J)	BT05	ACCOM UNIT #3 (LOWER)
BB13	ARMOURY	BT06	ACCOM UNIT #2 (3-UNIT MAN UNIT)
BB14	SALLY PORT	BT08	EMERGENCY RESPONSE TEAM TRAILER
BB15	FAMILY VISIT UNIT #2	BT09	ARTS & CRAFTS UNIT
BB16	FAMILY VISIT UNIT #1	BT10	SPORTS PAVILION
BB17	FAMILY VISIT UNIT #3	BT12	TRAINING FACILITY TRAILER
BB18	V & C BUILDING		
BB19	A & D & SIS BUILDING		

**Public Works and Government Services Canada**  
 Architectural and Engineering Services  
 Ontario Region  
**Travaux publics et Services gouvernementaux Canada**  
 Services d'architecture et de génie  
 Région de l'Ontario

4 UPDATE MILLHAVEN CWP & SERVICES 09/2011  
 3 NEW BATH SALLY PORT & BUILDING 08/2011  
 2 UNIT MANAGEMENT OFFICES 02/2011  
 1 GENERATOR INSTALLATION 08/2010

**LEGEND**

- MAIN FLOOR ELEVATION
- HORIZONTAL CTRL. MONUMENT
- VERTICAL BENCH MARK
- SURVEY & PERIMETER BOUNDARIES
- BUILDING
- BURIED STRUCTURE
- DITCH
- CULVERT
- GUARDRAIL
- SIGN (SINGLE/DOUBLE POST)
- REGULAR FENCE
- SECURITY FENCE
- CITY CAMERA
- MOTION SENSOR
- TRANSVERSEUR MODULE
- FIRE ALARM & SECURITY U/G
- BELL PEDESTAL
- BELL MANHOLE
- BELL O/H CABLE
- BELL U/G CABLE
- SPEAKER
- INTERCOM
- SATELLITE DISH
- COMMUNICATION U/G
- VOICE/DATA CABLE
- COMMUNICATION U/G
- FIRE ALARM
- FIBRE OPTICS U/G
- DUCT C/W CABLE
- VOICE/DATA U/G
- TRANSF. ON CONCRETE PAD
- FULL PH
- FUNCTION BOX
- HAND HOLE
- GROUND INSPECTION BOX
- LIGHT STANDARD
- HYDRO POLE
- POLE W/PT TRANSFORMER
- ELECTRICAL MANHOLE
- FIBRE OPTICS MANHOLE
- STREET LIGHT - 120V
- POLE ANCHOR
- WALL MOUNTED LIGHT
- ELECT. RECEPTACLE
- 440V O/H LINE
- 12.5/7.2KV O/H LINE
- 12.3/7.2KV U/G LINE
- 600V 3# 3W O/H LINE
- 600V 3# 3W U/G LINE
- 120/240V 1# 3W O/H POWER SERVICE
- 120/240V 1# 3W U/G POWER SERVICE
- 120/240V 1# 3W STREET LIGHTING
- 120 1# 2W STREET SERVICE U/G LINE
- WATER WELL
- SIAMENSE CONNECTION
- WATER METER
- PIPE CAP
- FIRE HYDRANT
- WATER VALVE
- VALVE PUMP CHAMBER
- POST INDICATOR VALVE
- HOSE CONNECTION
- VENT
- FIRE MAIN
- WATER LINE/WELL SUPPLY LINE
- STEAM LINE (SUPPLY & RETURN)
- PROPANE LINE
- GAS LINE
- GAS VALVE
- GAS METER
- STORM SEWER
- MANHOLE CATCHBASIN
- STORM MANHOLE
- CATCH BASIN
- SANITARY SEWER
- SANITARY MANHOLE
- GREASE INTERCEPTOR
- HOLDING TANK
- CLEANOUT
- TO BE VERIFIED
- HAZARDOUS MATERIAL

NOTE: DATA SHOWN REPRESENTS THE SITE CONDITION MARCH 31, 2008.

**Scale Legend**

- A Detail No. No. du détail
- B drawing no. - where detail required
- C design no. - where detail slight
- drawing no. - where detailed
- design no. - where detailed

Project No. No. du projet  
**MILLHAVEN** ONTARIO  
 CORRECTIONAL SERVICE CANADA  
 MILLHAVEN INSTITUTION

AERP-CONDITION SURVEY 2007

Drawing Title  
 2007-12-31  
**SITE SERVICES**  
**SANITARY**

designed by  
 drawn by  
 reviewed by  
 approved by

J.Sormilic  
 R. Pitton

project date  
 2007-12-31

drawing no.  
**310304**

drawing no.  
**421-05/1**

version no.  
**2**



0 10m 50m 100m  
 1:1000

0 10m 50m 100m  
 1:1000