

NOTES:

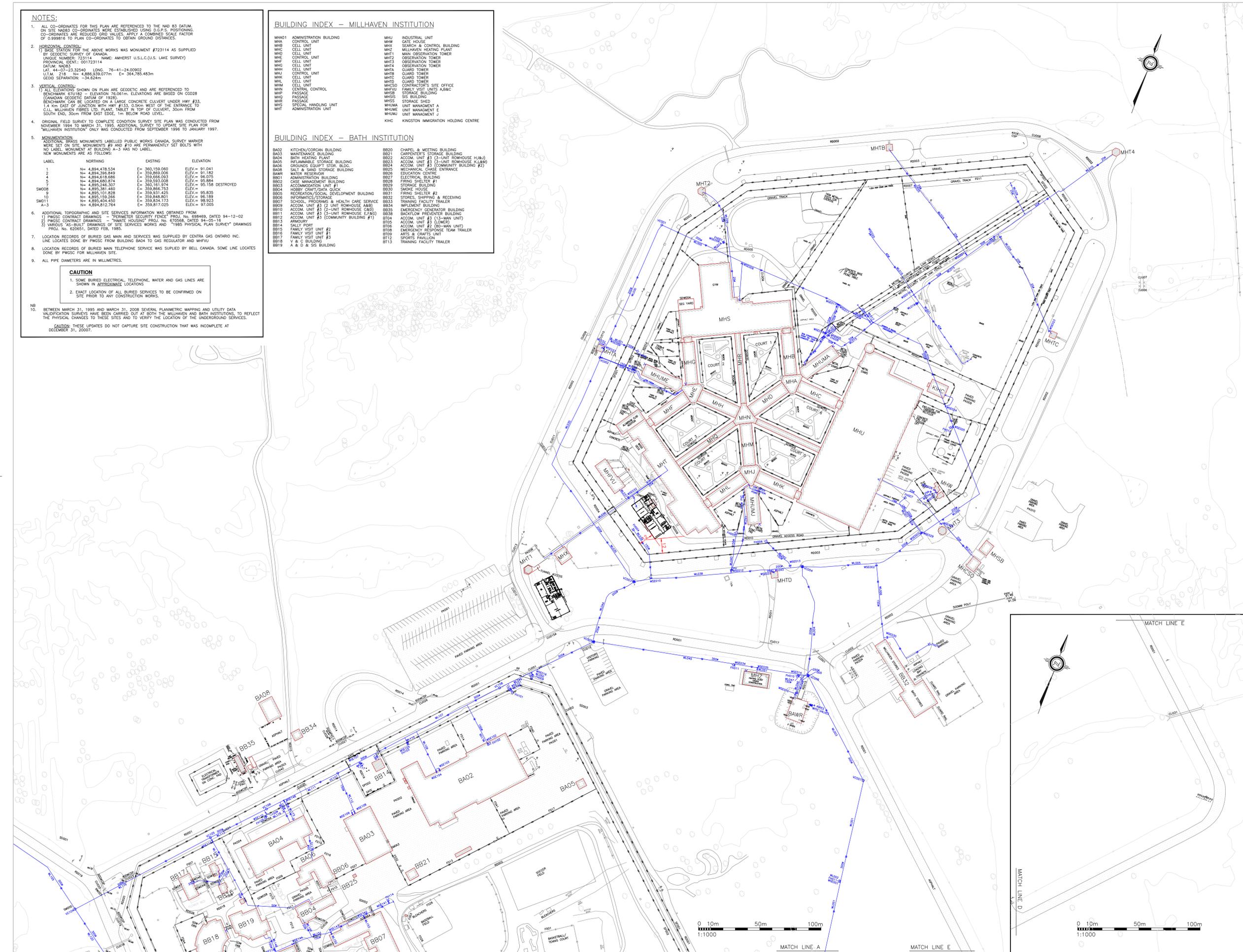
- ALL CO-ORDINATES FOR THIS PLAN ARE REFERENCED TO THE NAD 83 DATUM. ON SITE NAD83 CO-ORDINATES WERE ESTABLISHED USING U.G.S. POSITIONING. CO-ORDINATES ARE REDUCED GRID VALUES. APPLY A COMBINED SCALE FACTOR OF 0.999816 TO PLAN CO-ORDINATES TO OBTAIN GROUND DISTANCES.
 - HORIZONTAL CONTROL:**
1) BASE STATION FOR THE ABOVE WORKS WAS MONUMENT #723114 AS SUPPLIED BY GEODETIC SURVEY OF CANADA.
UNIQUE NUMBER: 723114 NAME: AMHERST U.S.L.C.(U.S. LAKE SURVEY)
PROVINCIAL IDENT.: 001723114
DUTYM: MDS3
LAT. 44-07-23.32540 LONG. -76-41-24.00902
U.T.M. ZONE 18N E= 4886359.777m E= 364785.483m
GEOD 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 CANADIAN GEODETIC DATUM OF 1929.
BENCHMARK CAN BE LOCATED ON A LARGE CONCRETE CULVERT UNDER HWY #33, 1.4 Km EAST OF JUNCTION WITH HWY #133, 0.50m WEST OF THE ENTRANCE TO C.L.L. MILLHAVEN FIBRES LTD. PLANT. TABLET IN TOP OF CULVERT, 30cm FROM SOUTH END, 30cm 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= 359,161.074 | 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= 359,848.901 | ELEV= 96.189 |
| SM11 | N= 4,895,404.450 | E= 359,634.173 | 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 - "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 PWSC 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 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 | MHR | SECURITY & CONTROL BUILDING |
| MHC | CELL UNIT | MHZ | MILLHAVEN HEATING PLANT |
| MHE | CELL UNIT | MIO | MAIN OBSERVATION TOWER |
| MHF | CELL UNIT | MIT | OBSERVATION TOWER |
| MHG | CELL UNIT | MJ1 | OBSERVATION TOWER |
| MHH | CELL UNIT | MJ2 | OBSERVATION TOWER |
| MHI | CELL UNIT | MJ3 | OBSERVATION TOWER |
| MHJ | CELL UNIT | MJ4 | OBSERVATION TOWER |
| MHK | CELL UNIT | MJ5 | OBSERVATION TOWER |
| MHL | CELL UNIT | MJ6 | OBSERVATION TOWER |
| MHM | CELL UNIT | MJ7 | OBSERVATION TOWER |
| MHN | CELL UNIT | MJ8 | OBSERVATION TOWER |
| MHO | CELL UNIT | MJ9 | OBSERVATION TOWER |
| MHP | PASSAGE | MJ10 | OBSERVATION TOWER |
| MHR | PASSAGE | MJ11 | OBSERVATION TOWER |
| MHS | SPECIAL HANDLING UNIT | MJ12 | OBSERVATION TOWER |
| MHT | ADMINISTRATION UNIT | MJ13 | OBSERVATION TOWER |
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| | | MJ99 | OBSERVATION TOWER |
| | | MJ100 | OBSERVATION TOWER |

BUILDING INDEX - BATH INSTITUTION

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|------|--|------|--|
| BA02 | KITCHEN/CORRAN BUILDING | BB20 | CHAPEL & MEETING BUILDING |
| BA03 | MAINTENANCE BUILDING | BB21 | CARPENTER'S STORAGE BUILDING |
| BA04 | BATH HEATING PLANT | BB22 | ACCOM. UNIT #1 (3-UNIT ROWHOUSE H1&J) |
| BA05 | REFURMABLE STORAGE BUILDING | BB23 | ACCOM. UNIT #1 (3-UNIT ROWHOUSE H1&K) |
| BA06 | FOUNDATIONS EQUIPT. STOR. BLDG. | BB24 | ACCOM. UNIT #1 (COMMUNITY BUILDING #2) |
| BA08 | SALT & SAND STORAGE BUILDING | BB25 | MECHANICAL CHANGE ENTRANCE |
| BA09 | WATER RESERVOIR | BB26 | EDUCATION CENTRE |
| BB01 | ADMINISTRATION BUILDING | BB27 | ELECTRICAL CENTRE |
| BB02 | CASE MANAGEMENT BUILDING | BB28 | FRING. SHELTER #1 |
| BB03 | ACCOMMODATION UNIT #1 | BB29 | STORAGE BUILDING |
| BB04 | HOBBY CRAFT/DATA QUICK | BB30 | SMOKE HOUSE |
| BB05 | RECREATION/SOCIAL DEVELOPMENT BUILDING | BB31 | FRING. SHELTER #2 |
| BB06 | INFORMATICS STORAGE | BB32 | STORES, SHIPPING & RECEIVING |
| BB07 | SCHOOL PROGRAMS & HEALTH CARE SERVICE | BB33 | TRAINING FACILITY TRAILER |
| BB09 | ACCOM. UNIT #1 (2-UNIT ROWHOUSE A&B) | BB34 | IMPLEMENT BUILDING |
| BB10 | ACCOM. UNIT #1 (2-UNIT ROWHOUSE C&D) | BB35 | EMERGENCY GENERATOR BUILDING |
| BB11 | ACCOM. UNIT #1 (3-UNIT ROWHOUSE E,F&G) | BB38 | BACKFLOW PREVENTER BUILDING |
| BB12 | ACCOM. UNIT #1 (3-UNIT ROWHOUSE H,I&J) | BT04 | ACCOM. UNIT #1 (13-MAN UNIT) |
| BB13 | ARMOURY | BT05 | ACCOM. UNIT #1 (LOWER) |
| BB14 | SALLY PORT | BT06 | ACCOM. UNIT #2 (80-MAN UNIT) |
| BB15 | FAMILY VISIT UNIT #2 | BT08 | EMERGENCY RESPONSE TEAM TRAILER |
| BB16 | FAMILY VISIT UNIT #1 | BT09 | ARTS & CRAFTS UNIT |
| BB17 | FAMILY VISIT UNIT #3 | BT12 | SPORTS PAVILLION |
| BB18 | V & C BUILDING | BT13 | TRAINING FACILITY TRAILER |
| BB19 | A & D & SIS BUILDING | | |



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| 4 | UPDATE MILLHAVEN CIP & SERVICES | 09/2011 |
| 5 | NEW BATH SALLY PORT & BUILDING | 08/2011 |
| 6 | UNIT MANAGEMENT OFFICES | 02/2011 |
| 7 | GENERATOR INSTALLATION | 08/2010 |

LEGEND

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|--------|-----------------------------------|
| 271.89 | MAIN FLOOR ELEVATION |
| 271.89 | HORIZONTAL CTRL. MONUMENT |
| 271.89 | VERTICAL BENCH MARK |
| 271.89 | SURVEY & PERIMETER BOUNDARIES |
| 271.89 | BUILDING |
| 271.89 | BURIED STRUCTURE |
| 271.89 | DITCH |
| 271.89 | CULVERT |
| 271.89 | ANTENNA |
| 271.89 | GUARDRAIL |
| 271.89 | SIGN (SINGLE/DOUBLE POST) |
| 271.89 | REGULAR FENCE |
| 271.89 | SECURITY FENCE |
| 271.89 | CITY CAMERA |
| 271.89 | MOTION SENSOR |
| 271.89 | TRANSVERSEUR MODULE |
| 271.89 | FIRE ALARM & SECURITY U/G |
| 271.89 | BELL PEDESTAL |
| 271.89 | BELL MANHOLE |
| 271.89 | BELL O/H CABLE |
| 271.89 | BELL U/G/ CABLE |
| 271.89 | SPEAKER |
| 271.89 | INTERCOM |
| 271.89 | SATELLITE DISH |
| 271.89 | COMMUNICATION U/G |
| 271.89 | VOICE/DATA CABLE |
| 271.89 | COMMUNICATION U/G |
| 271.89 | FIRE ALARM |
| 271.89 | FIBRE OPTICS U/G |
| 271.89 | DUCT C/W CABLE |
| 271.89 | VEGETATIONAL U/G |
| 271.89 | TRANSF. ON CONCRETE PAD |
| 271.89 | FULL PH |
| 271.89 | FUNCTION BOX |
| 271.89 | HAND HOLE |
| 271.89 | GROUND INSPECTION BOX |
| 271.89 | LIGHT STANDARD |
| 271.89 | HYDRO POLE |
| 271.89 | PULL UP/D TRANSFORMER |
| 271.89 | ELECTRICAL MANHOLE |
| 271.89 | FIBRE OPTICS MANHOLE |
| 271.89 | STREET LIGHT - 120V |
| 271.89 | POLE ANCHOR |
| 271.89 | WALL MOUNTED LIGHT |
| 271.89 | ELECT. RECEPTACLE |
| 271.89 | 440V O/H LINE |
| 271.89 | 12.5/7.2KV O/H LINE |
| 271.89 | 12.3/7.2KV U/G LINE |
| 271.89 | 600V 3Ø 3W O/H LINE |
| 271.89 | 600V 3Ø 3W U/G LINE |
| 271.89 | 120/240V 1Ø 3W O/H POWER SERVICE |
| 271.89 | 120/240V 1Ø 3W U/G POWER SERVICE |
| 271.89 | 120/240V 1Ø 3W STREET LIGHTING |
| 271.89 | 120 1Ø 2W STREET SERVICE U/G LINE |
| 271.89 | WATER WELL |
| 271.89 | SIAMENSE CONNECTION |
| 271.89 | WATER METER |
| 271.89 | PIPE CAP |
| 271.89 | FIRE HYDRANT |
| 271.89 | WATER VALVE |
| 271.89 | VALVE PUMP CHAMBER |
| 271.89 | POST INDICATOR VALVE |
| 271.89 | HOSE CONNECTION |
| 271.89 | VENT |
| 271.89 | FIRE MAIN |
| 271.89 | WATER LINE/WELL SUPPLY LINE |
| 271.89 | STEAM LINE (SUPPLY & RETURN) |
| 271.89 | PROPANE LINE |
| 271.89 | GAS LINE |
| 271.89 | GAS VALVE |
| 271.89 | GAS METER |
| 271.89 | STORM SEWER |
| 271.89 | MANHOLE CATCHBASIN |
| 271.89 | STORM MANHOLE |
| 271.89 | CATCH BASIN |
| 271.89 | SANITARY SEWER |
| 271.89 | SANITARY MANHOLE |
| 271.89 | GREASE INTERCEPTOR |
| 271.89 | HOLDING TANK |
| 271.89 | CLEANOUT |
| 271.89 | TO BE VERIFIED |
| 271.89 | ABANDONED SERVICES |
| 271.89 | HAZARDOUS MATERIAL |

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

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|---|-------------------------------------|-------------------------------|
| A | Detail No. | No. du détail |
| B | drawing no. - where detail required | dessin no. - où détail requis |
| C | drawing no. - where detail exists | dessin no. - où détail existe |

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

AERP-CONDITION SURVEY 2007

SITE SERVICES WATER

| | |
|--------------------------------|------------|
| designed by / conçu par: | J.Sormilic |
| drawn by / dessiné par: | R. Pitton |
| approved by / approuvé par: | |
| project date / date du projet: | 2007-12-31 |
| project no. / no. du projet: | 310304 |
| drawing no. / dessin no.: | 421-09/1 |
| version no. / version no.: | 2 |