

NOTES:

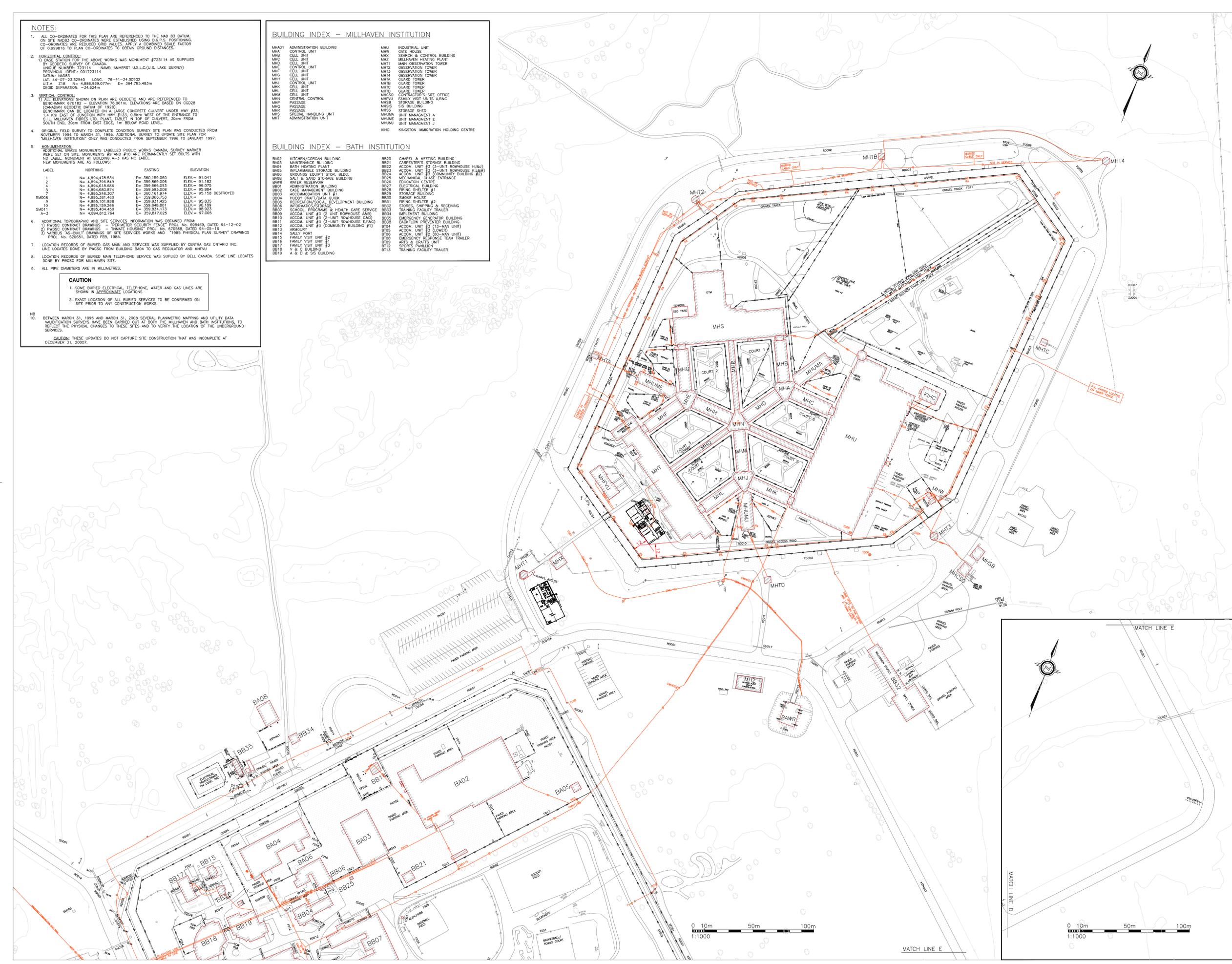
- ALL CO-ORDINATES FOR THIS PLAN ARE REFERENCED TO THE NAD 83 DATUM. ON SITE MATHS CO-ORDINATES WERE ESTABLISHED USING U.G.S. POSITIONING. CO-ORDINATES ARE REDUCED GRID VALUES. APPLY A COMBINED SCALE FACTOR OF 0.999816 TO PLAN CO-ORDINATES TO OBTAIN GROUND DISTANCES.
 - HORIZONTAL CONTROL:**
1) BASE 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
DUTYM: MDS3
LAT. 44-07-23.32540 LONG. -76-41-24.00902
U.T.M. ZONE 18N E= 4886339.777m E= 364785.483m
GEOID SEPARATION: -34.624m
 - VERTICAL CONTROL:**
1) ALL ELEVATIONS SHOWN ON PLAN ARE GEODETIC AND ARE REFERENCED TO MONUMENT #723114 AS SUPPLIED BY GEODETIC SURVEY OF CANADA.
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, 0.50M 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 |
| 9 | N= 4,895,381.460 | E= 359,866.753 | ELEV= 95.835 |
| 10 | N= 4,895,101.829 | E= 359,931.425 | ELEV= 96.189 |
| 11 | N= 4,895,159.266 | E= 359,434.173 | ELEV= 96.923 |
| SM08 | N= 4,895,404.450 | E= 359,817.025 | ELEV= 97.005 |
| SM011 | 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. 609499, 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 MHVU.
 - LOCATION RECORDS OF BURIED MAIN TELEPHONE SERVICE WAS SUPPLIED BY BELL CANADA. SOME LINE LOCATES DONE BY PWSIC 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.
- NOTE:** 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

MH01	ADMINISTRATION BUILDING	MHU	INDUSTRIAL UNIT
MHA	CONTROL UNIT	MHW	GATE HOUSE
MHB	CELL UNIT	MH1	SEWER & CONTROL BUILDING
MHC	CELL UNIT	MH2	MILLHAVEN HEATING PLANT
MHE	CELL UNIT	MHT1	MAIN OBSERVATION TOWER
MHF	CELL UNIT	MHT2	OBSERVATION TOWER
MHG	CELL UNIT	MHT3	OBSERVATION TOWER
MHH	CELL UNIT	MHT4	OBSERVATION TOWER
MHI	CELL UNIT	MHT5	GUARD TOWER
MHJ	CELL UNIT	MHT6	GUARD TOWER
MHK	CELL UNIT	MHT7	GUARD TOWER
MHL	CELL UNIT	MHT8	GUARD TOWER
MHM	CELL UNIT	MHT9	GUARD TOWER
MHN	CENTRAL CONTROL	MHT10	CONTRACTOR'S SITE OFFICE
MHO	PASSAGE	MHT11	FAMILY VISIT UNITS A&B
MHP	PASSAGE	MHT12	FAMILY VISIT UNITS C&D
MHQ	PASSAGE	MHT13	SIS BUILDING
MHR	SPECIAL HANDLING UNIT	MHT14	STORAGE SHED
MHS	ADMINISTRATION UNIT	MHT15	UNIT MANAGEMENT A
MHT		MHT16	UNIT MANAGEMENT B
		MHT17	UNIT MANAGEMENT C
		MHT18	UNIT MANAGEMENT D
		MHT19	UNIT MANAGEMENT E
		MHT20	UNIT MANAGEMENT F
		MHT21	UNIT MANAGEMENT G
		MHT22	UNIT MANAGEMENT H
		MHT23	UNIT MANAGEMENT I
		MHT24	UNIT MANAGEMENT J
		MHT25	UNIT MANAGEMENT K
		MHT26	UNIT MANAGEMENT L
		MHT27	UNIT MANAGEMENT M
		MHT28	UNIT MANAGEMENT N
		MHT29	UNIT MANAGEMENT O
		MHT30	UNIT MANAGEMENT P
		MHT31	UNIT MANAGEMENT Q
		MHT32	UNIT MANAGEMENT R
		MHT33	UNIT MANAGEMENT S
		MHT34	UNIT MANAGEMENT T
		MHT35	UNIT MANAGEMENT U
		MHT36	UNIT MANAGEMENT V
		MHT37	UNIT MANAGEMENT W
		MHT38	UNIT MANAGEMENT X
		MHT39	UNIT MANAGEMENT Y
		MHT40	UNIT MANAGEMENT Z

BUILDING INDEX - BATH INSTITUTION

BA02	KITCHEN/CORRAN 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 #5 (3-UNIT ROWHOUSE K&M)
BA06	GRANDS EQUIPT. STOR. BLDG.	BB24	ACCOM. UNIT #3 (COMMUNITY BUILDING #2)
BA08	SILT & SAND STORAGE BUILDING	BB25	MECHANICAL CHASE 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	HOSPITAL CRAFT/DATA QUICK RECOVERY/SOCIAL DEVELOPMENT BUILDING	BB30	SMOKE HOUSE
BB05	INFORMATICS/STORAGE	BB31	FIRING SHELTER #2
BB06	SCHOOL, PROGRAMS & HEALTH CARE SERVICE	BB32	STORES, SHIPPING & RECEIVING
BB07	ACCOM. UNIT #3 (2-UNIT ROWHOUSE A&B)	BB33	TRAINING FACILITY TRAILER
BB08	ACCOM. UNIT #3 (2-UNIT ROWHOUSE C&D)	BB34	IMPLEMENT BUILDING
BB09	ACCOM. UNIT #3 (3-UNIT ROWHOUSE E&F)	BB35	EMERGENCY GENERATOR BUILDING
BB10	ACCOM. UNIT #3 (3-UNIT ROWHOUSE G&H)	BB36	BACKLAW PREVENTER BUILDING
BB11	ACCOM. UNIT #3 (3-UNIT ROWHOUSE I&J)	BB37	ACCOM. UNIT #3 (3-MAN UNIT)
BB12	ACCOM. UNIT #3 (3-UNIT ROWHOUSE K&L)	BB38	ACCOM. UNIT #3 (3-MAN UNIT)
BB13	ARMOURY	BB39	ACCOM. UNIT #3 (LOWER)
BB14	SALLY POINT	BB40	ACCOM. UNIT #2 (25-MAN UNIT)
BB15	FAMILY VISIT UNIT #2	BB41	EMERGENCY RESPONSE TEAM TRAILER
BB16	FAMILY VISIT UNIT #1	BB42	ARTS & CRAFTS UNIT
BB17	FAMILY VISIT UNIT #3	BB43	SPORTS PAVILLION
BB18	V & C BUILDING	BB44	TRAINING FACILITY TRAILER
BB19	A & D & S BUILDING		



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

LEGEND

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	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	VOIC/ 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	VIDEO/AL 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	POLE W/TF 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	SIAMSE 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.

A	Detail No.
B	No. du détail
C	drawing no. - where detail required
	design no. - où détail exigé
	drawing no. - where detail design
	design no. - où détail

Project No. 310304
 Millhaven Institution
 Ontario
 Correctional Service Canada
 Millhaven Institution

AERP-CONDITION SURVEY 2007
 SITE SERVICES COMMUNICATIONS

designed by	J.Sormilic
checked by	R. Pitton
approved by	

project date	2007-12-31
project no.	310304
drawing no.	421-02/1
sheet no.	2