

NOTES:

1. ALL CO-ORDINATES FOR THIS PLAN ARE REFERENCED TO THE NAD 83 DATUM. ON SITE MARSY CO-ORDINATES WERE ESTABLISHED USING D.G.P.S. POSITIONING. CO-ORDINATES ARE REDUCED GRID VALUES. APPLY A CORNER SCALE FACTOR OF 0.999816 TO PLAN CO-ORDINATES TO OBTAIN GROUND DISTANCES.
2. HORIZONTAL CONTROL:
 - 1) BASE STATION FOR THE ABOVE WORKS WAS MONUMENT #723114 AS SUPPLIED BY GEODETIC SURVEY OF CANADA.
 - 2) UNIQUE NUMBER: 723114 NAME: AMHERST U.S.L.C.(U.S. LAKE SURVEY)
 - 3) PROVINCIAL IDENT.: 001723114
 - 4) DATUM: NAD83
 - 5) LAT. 44-07-23.32540 LONG. -76-41-24.00802
 - 6) UTM ZONE: 18N
 - 7) UTM X: 488639.077m UTM Y: 564785.483m
 - 8) GEOID SEPARATION: -34.624m
3. VERTICAL CONTROL:
 - 1) ALL ELEVATIONS SHOWN ON PLAN ARE GEODETIC AND ARE REFERENCED TO BENCHMARK 670182 - ELEVATION 78.061m. ELEVATIONS ARE BASED ON CGD28 (CANADIAN GEODETIC DATUM OF 1928).
 - 2) BENCHMARK CAN BE LOCATED ON A LARGE CONCRETE CULVERT UNDER HWY #33, 1.4 km EAST OF JUNCTION WITH HWY #33, 0.5km WEST OF THE ENTRANCE TO C.I.L. MILLHAVEN FIBRES LTD. PLANT. TABLE IN TOP OF CULVERT, 30cm FROM SOUTH END, 30cm FROM EAST EDGE, 1m BELOW ROAD LEVEL.
4. ORIGINAL FIELD SURVEY TO COMPLETE CONDITION SURVEY SITE PLAN WAS CONDUCTED FROM NOVEMBER 1984 TO MARCH 31, 1995. ADDITIONAL SURVEY TO UPDATE SITE PLAN FOR "MILLHAVEN INSTITUTION" ONLY WAS CONDUCTED FROM SEPTEMBER 1996 TO JANUARY 1997.
5. 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= 360,159.080	ELEV = 91.041
2	N= 4,894,396.849	E= 359,869.006	ELEV = 91.182
3	N= 4,894,618.686	E= 359,686.003	ELEV = 90.275
4	N= 4,894,680.874	E= 359,593.008	ELEV = 95.884
5	N= 4,895,246.307	E= 360,161.074	ELEV = 90.108 DESTROYED
6	N= 4,895,381.460	E= 359,866.753	ELEV = 95.835
7	N= 4,895,101.828	E= 359,631.425	ELEV = 96.189
8	N= 4,895,159.266	E= 359,544.173	ELEV = 96.923
9	N= 4,895,404.450	E= 359,817.025	ELEV = 97.005
10	N= 4,894,812.764	E= 359,817.025	ELEV = 97.005
6. ADDITIONAL TOPOGRAPHIC AND SITE SERVICES INFORMATION WAS OBTAINED FROM:
 - 1) PWSCS CONTRACT DRAWINGS - "PERIMETER SECURITY FENCE" PROJ. NO. 688469, DATED 94-12-02
 - 2) PWSCS CONTRACT DRAWINGS - "INMATE HOUSING" PROJ. NO. 670568, DATED 94-05-16
 - 3) VARIOUS "AS-BUILT" DRAWINGS OF SITE SERVICES WORKS AND "1985 PHYSICAL PLAN SURVEY" DRAWINGS PROJ. NO. 620561, DATED FEB. 1985.
7. 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.
8. LOCATION RECORDS OF BURIED MAIN TELEPHONE SERVICE WAS SUPPLIED BY BELL CANADA. SOME LINE LOCATES DONE BY PWSC FOR MILLHAVEN SITE.
9. ALL PIPE DIAMETERS ARE IN MILLIMETRES.

CAUTION

1. SOME BURIED ELECTRICAL, TELEPHONE, WATER AND GAS LINES ARE SHOWN IN APPROXIMATE LOCATIONS.
2. EXACT LOCATION OF ALL BURIED SERVICES TO BE CONFIRMED ON SITE PRIOR TO ANY CONSTRUCTION WORKS.

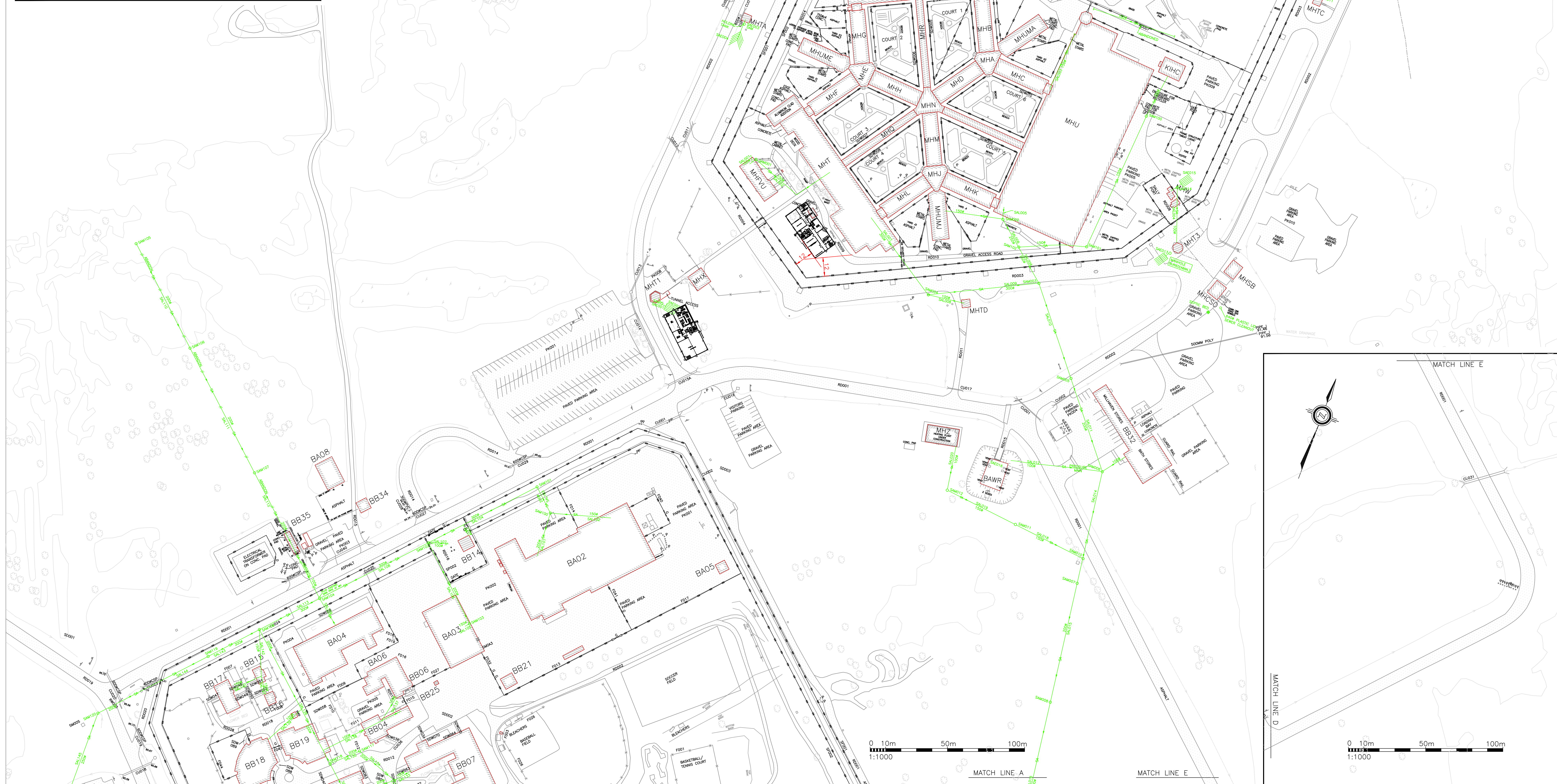
10. BETWEEN MARCH 31, 1995 AND MARCH 31, 2008 SEVERAL PLANIMETRIC MAPPING AND UTILITY DATA VALIDATION SURVEYS HAVE BEEN CARRIED OUT AT BOTH THE MILLHAVEN AND BATH INSTITUTIONS, TO REFLECT THE PHYSICAL CHANGES TO THESE SITES AND TO VERIFY THE LOCATION OF THE UNDERGROUND SERVICES.
- CAUTION: THESE UPDATES 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	SURV & CONTROL BUILDING
MHC	CELL UNIT	MHT1	MILLHAVEN HEATING PLANT
MHE	CONTROL UNIT	MHT2	MAIN OBSERVATION TOWER
MHF	CELL UNIT	MHT3	OBSERVATION TOWER
MHG	CELL UNIT	MHT4	OBSERVATION TOWER
MHI	CELL UNIT	MHTA	GUARD TOWER
MHL	CELL UNIT	MHTB	GUARD TOWER
MHM	CELL UNIT	MHTC	GUARD TOWER
MHN	CENTRAL CONTROL	MHTD	GUARD TOWER
MHP	PASSAGE	MHTS	CONTRACTOR'S SITE OFFICE
MHR	PASSAGE	MHTU	FAMILY VISIT UNITS A&B&C
MHS	SPECIAL HANDLING UNIT	MHTV	STORAGE BUILDING
MHT	ADMINISTRATION UNIT	MHTW	SIS BUILDING
		MHTX	STORAGE SHED
		MHTY	UNIT MANAGEMENT A
		MHTZ	UNIT MANAGEMENT E
		MHTA	UNIT MANAGEMENT J
		KHCC	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)
BA06	GROUNDWORK EQUIP. STOR. BLDG.	BB24	ACCOM. UNIT #3 (COMMUNITY BUILDING #2)
BA08	SALT & SAND STORAGE BUILDING	BB25	MECHANICAL CHASE ENTRANCE
BA09	WATER RESERVOIR	BB26	EDUCATION CENTRE
BA10	ADMINISTRATION BUILDING	BB27	ELECTRICAL BUILDING
BB02	CASE MANAGEMENT BUILDING	BB28	FIRING SHELTER #1
BB03	ACCOMMODATION UNIT #1	BB29	STORAGE BUILDING
BB04	HOBBY CRAFT/DATA DULOCK	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
BB09	ACCOM. UNIT #3 (2-UNIT ROWHOUSE A&B)	BB34	IMPLEMENT BUILDING
BB10	ACCOM. UNIT #3 (2-UNIT ROWHOUSE C&D)	BB35	EMERGENCY GENERATOR BUILDING
BB11	ACCOM. UNIT #3 (3-UNIT ROWHOUSE E&F)	BB36	BACKLAW PREVENTER BUILDING
BB12	ACCOM. UNIT #3 (COMMUNITY BUILDING #1)	BB37	ACCOM. UNIT #3 (13-MAN UNIT)
BB13	ARMOURY	BB38	ACCOM. UNIT #3 (LOWER)
BB14	FAMILY VISIT UNIT #1	BB39	ACCOM. UNIT #2 (60-MAN UNIT)
BB15	FAMILY VISIT UNIT #2	BB40	EMERGENCY RESPONSE TEAM TRAILER
BB16	FAMILY VISIT UNIT #3	BB41	ARTS & CRAFTS UNIT
BB17	FAMILY VISIT UNIT #4	BB42	SPORTS PAVILION
BB18	V & C BUILDING	BB43	TRAINING FACILITY TRAILER
BB19	A & D & SIS BUILDING		



4. UPDATE MILLHAVEN CHIP & SERVICES 09/2011
3. NEW BATH SALLY PORT & BUILDING 06/2011
2. UNIT MANAGEMENT OFFICES 02/2011
1. GENERATOR INSTALLATION 09/2010

LEGEND

[Symbol]	MAIN FLOOR ELEVATION
[Symbol]	HORIZONTAL CTRL. MONUMENT
[Symbol]	VERTICAL BENCH MARK
[Symbol]	SURVEY & PERIMETER BOUNDARIES
[Symbol]	BUILDING
[Symbol]	BURIED STRUCTURE
[Symbol]	DITCH
[Symbol]	CULVERT
[Symbol]	GUARDRAIL
[Symbol]	SIGN (SINGLE/DOUBLE POST)
[Symbol]	REGULAR FENCE
[Symbol]	SECURITY FENCE
[Symbol]	CCTV CAMERA
[Symbol]	MOTION SENSOR
[Symbol]	TRANSVERSE MODULE
[Symbol]	FENCE DETECTOR
[Symbol]	FIRE ALARM & SECURITY U/G
[Symbol]	BELL PEDESTAL
[Symbol]	BELL MANHOLE
[Symbol]	BELL C/W CABLE
[Symbol]	BELL U/G/C CABLE
[Symbol]	SPEAKER
[Symbol]	INTERCOM
[Symbol]	SATELLITE DISH
[Symbol]	COMMUNICATION U/G
[Symbol]	VOICE/DATA CABLE
[Symbol]	COMMUNICATION U/G
[Symbol]	FIRE ALARM
[Symbol]	FIBRE OPTICS U/G
[Symbol]	DUCT C/W CABLE
[Symbol]	VIDEO CABLE
[Symbol]	TRANSF. ON CONCRETE PAD
[Symbol]	PULL PH
[Symbol]	FUNCTION BOX
[Symbol]	HAND HOLE
[Symbol]	GROUND INSPECTION BOX
[Symbol]	LS
[Symbol]	LIGHT STANDARD
[Symbol]	HP
[Symbol]	HYDRO POLE
[Symbol]	POLE MTD TRANSFORMER
[Symbol]	ELECTRICAL MANHOLE
[Symbol]	FIBRE OPTICS MANHOLE
[Symbol]	STREET LIGHT - 120V
[Symbol]	POLE ANCHOR
[Symbol]	WALL MOUNTED LIGHT
[Symbol]	ELECT. RECEPTACLE
[Symbol]	440V O/H LINE
[Symbol]	12.5/7.25V O/H LINE
[Symbol]	12.5/7.25V U/G LINE
[Symbol]	600V 3# 3W O/H LINE
[Symbol]	600V 3# 3W U/G LINE
[Symbol]	120/240V 1# 3W O/H
[Symbol]	POWER SERVICE
[Symbol]	120/240V 1# 3W U/G
[Symbol]	POWER SERVICE
[Symbol]	120/240V 1# 3W
[Symbol]	STREET LIGHTING
[Symbol]	120 1# 2# STREET
[Symbol]	12.5/7.25V U/G LINE
[Symbol]	WATER WELL
[Symbol]	SIAMSESE CONNECTION
[Symbol]	WATER METER
[Symbol]	PIPE CAP
[Symbol]	FIRE HYDRANT
[Symbol]	WATER VALVE
[Symbol]	VALVE PUMP CHAMBER
[Symbol]	POST INDICATOR VALVE
[Symbol]	HOSE CONNECTION
[Symbol]	VENT
[Symbol]	FIRE MAIN
[Symbol]	WATER LINE/WEEL SUPPLY LINE
[Symbol]	STEAM LINE (SUPPLY & RETURN)
[Symbol]	PROPANE LINE
[Symbol]	GAS LINE
[Symbol]	GAS VALVE
[Symbol]	GAS METER
[Symbol]	STORM SEWER
[Symbol]	MANHOLE CATCHBASIN
[Symbol]	STORM MANHOLE
[Symbol]	CATCH BASIN
[Symbol]	SANITARY SEWER
[Symbol]	SANITARY MANHOLE
[Symbol]	GREASE INTERCEPTOR
[Symbol]	HOLDING TANK
[Symbol]	CLEANOUT
[Symbol]	TO BE VERIFIED
[Symbol]	ABANDONED SERVICES
[Symbol]	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. - where detail exists
	drawing no. - where detail exists
	design no. - where detail exists

project file
titre du projet
MILLHAVEN
CORRECTIONAL SERVICE CANADA
MILLHAVEN INSTITUTION

AERP-CONDITION SURVEY 2007

drawing file
titre du dessin
SITE SERVICES
SANITARY

designed by
conçu par

drawn by
dessiné par

reviewed by
examiné par

approved by
approuvé par

project date
date du projet

project no.
no. du projet

drawing no.
dessiné par

version no.
version

421-05/1

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