

NOTES:

- ALL CO-ORDINATES FOR THIS PLAN ARE REFERENCED TO THE NAD 83 DATUM. ON SITE MARK CO-ORDINATES WERE ESTABLISHED USING G.P.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: 02123114  
LAT: 44-27-23.32540 LONG: 76-41-34.02903  
DATUM: NAD83  
UTM: Z19 N= 4,886,939.077m E= 364,785.483m  
GEOID SEPARATION: -34.624m
- VERTICAL CONTROL:**  
1) ALL ELEVATIONS SHOWN ON PLAN ARE GEODETIC AND ARE REFERENCED TO BENCHMARK #710182 - ELEVATION 76.041M. ELEVATIONS ARE BASED ON CGCS28 (CANADIAN GEODETIC DATUM OF 1928). BENCHMARK CAN BE LOCATED ON A LARGE CONCRETE CURB UNDER HWY #133, 1.4 Km EAST OF JUNCTION WITH HWY #133. 0.5km WEST OF THE ENTRANCE TO C.I.L. MILLHAVEN FIBRES LTD. PLANT, LABEL IN TOP OF CURB, 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 1998 TO MARCH 31, 1999. 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= 4,894,398.849	E= 359,869.006	ELEV.= 91.182
4	N= 4,894,218.096	E= 359,668.093	ELEV.= 95.075
5	N= 4,894,680.674	E= 359,593.008	ELEV.= 95.884
9	N= 4,895,101.828	E= 359,931.425	ELEV.= 95.835
10	N= 4,895,159.266	E= 359,848.801	ELEV.= 96.189
A-3	N= 4,894,812.764	E= 359,817.025	ELEV.= 97.005
- ADDITIONAL TOPOGRAPHIC AND SITE SERVICES INFORMATION WAS OBTAINED FROM:  
1) PWOSC CONTRACT DRAWINGS - "PERIMETER SECURITY FENCE" PROJ. NO. 628469, DATED 94-12-02  
2) PWOSC CONTRACT DRAWINGS - "INMATE HOUSING" PROJ. NO. 670568, DATED 94-02-16  
3) VARIOUS "AS-BUILT" DRAWINGS OF SITE SERVICES WORKS AND "1980 PHYSICAL PLANNING SURVEY" PROJ. NO. 620651, DATED FEB. 1985.
- LOCATION RECORDS OF BURIED GAS MAIN AND SERVICES WAS SUPPLIED BY CENTRA GAS ONTARIO INC. LINE LOCATES DONE BY PWOSC FROM BUILDING B04 TO GAS REGULATOR AND MHVU.
- LOCATION RECORDS OF BURIED MAIN TELEPHONE SERVICE WAS SUPPLIED BY BELL CANADA. SOME LINE LOCATES DONE BY PWOSC FOR MILLHAVEN SITE.
- ALL PIPE DIAMETERS ARE IN MILLIMETERS.

BUILDING INDEX - MILLHAVEN INSTITUTION

MHA01	ADMINISTRATION BUILDING	MHT1	MAIN OBSERVATION TOWER
MHA	CELL UNIT	MHT2	OBSERVATION TOWER
MHB	CELL UNIT	MHT3	OBSERVATION TOWER
MHC	CELL UNIT	MHT4	OBSERVATION TOWER
MHE	CELL UNIT	MHTB	GUARD TOWER
MHF	CELL UNIT	MHTC	GUARD TOWER
MHG	CELL UNIT	MHTD	GUARD TOWER
MHH	CELL UNIT	MHCSD	CONTRACTOR'S SITE OFFICE
MHU	CELL UNIT	MHFAU	FAMILY VISIT UNITS A,B&C
MHV	CELL UNIT	MHSC	STORAGE BUILDING
MHW	CELL UNIT	MHSS	SIS BUILDING
MHN	CENTRAL CONTROL	MHSSS	STORAGE SHED
MHP	PASSAGE	MHUMA	UNIT MANAGEMENT A
MHD	PASSAGE	MHUME	UNIT MANAGEMENT E
MHE	PASSAGE	MHUMJ	UNIT MANAGEMENT J
MHS	SPECIAL HANDLING UNIT	MA01	MULTIPURPOSE EXTERIOR BUILDING
MHT	ADMINISTRATION UNIT		
MHU	INDUSTRIAL UNIT		
MHJ	DATE HOUSE		
MHX	SEARCH & CONTROL BUILDING	KHC	KINGSTON IMMIGRATION HOLDING CENTRE
MHY	CELL UNIT		
MHZ	MULTIPURPOSE INTERIOR BUILDING		

BUILDING INDEX - BATH INSTITUTION

BA02	KITCHEN/CORIAN BUILDING	BB22	ACCOM. UNIT #3 (3-UNIT ROWHOUSE H&J)
BA03	MAINTENANCE BUILDING	BB23	ACCOM. UNIT #3 (3-UNIT ROWHOUSE K&M)
BA04	BATH HEATING PLANT	BB24	ACCOM. UNIT #3 (COMMUNITY BUILDING #2)
BA05	INFLAMMABLE STORAGE BUILDING	BB25	EDUCATION CENTRE
BA06	GROUNDWORK EQUIPT. BLDG.	BB26	MECHANICAL CHASE ENTRANCE
BA08	SALT & SAND STORAGE BUILDING	BB27	ELECTRICAL BUILDING
BA09	WATER RESERVOIR & PUMPING STATION	BB28	FIRING SHELTER #1
BAWR	WATER RESERVOIR (DEMOLISHED)	BB29	STORAGE BUILDING
BB01	ADMINISTRATION BUILDING	BB30	SMOKE HOUSE
BB02	CASE MANAGEMENT BUILDING	BB31	FIRING SHELTER #2
BB03	ACCOMMODATION UNIT #1	BB32	STORES, SHIPPING & RECEIVING
BB04	HOBBY CRAFT/DATE QUICK	BB33	TRAINING FACILITY TRAILER
BB05	RECREATION/SOCIAL DEVELOPMENT BUILDING	BB34	IMPLEMENT BUILDING
BB06	INFORMATICS STORAGE	BB35	EMERGENCY GENERATOR BUILDING
BB07	SCHOOL, PROGRAMS & HEALTH CARE SERVICE	BB36	ACCOMMODATION UNIT #4
BB08	ACCOM. UNIT #3 (2-UNIT ROWHOUSE A&B)	BB37	MILLHAVEN HEATING PLANT
BB09	ACCOM. UNIT #3 (2-UNIT ROWHOUSE C&D)	BB38	BACKFLOW PREVENTER BUILDING
BB10	ACCOM. UNIT #3 (3-UNIT ROWHOUSE E,F&G)	BB39	MULTIPURPOSE INTERIOR BUILDING
BB11	ACCOM. UNIT #3 (COMMUNITY BUILDING #1)	BB40	MULTIPURPOSE EXTERIOR BUILDING
BB12	ARMOURY	BT04	ACCOM. UNIT #3 (13-MAN UNIT)
BB13	SALLY POINT	BT05	ACCOM. UNIT #3 (LOWER)
BB14	FAMILY VISIT UNIT #2	BT06	ACCOM. UNIT #2 (80-MAN UNIT)
BB15	FAMILY VISIT UNIT #1	BT08	EMERGENCY RESPONSE TEAM TRAILER
BB16	FAMILY VISIT UNIT #3	BT09	ARTS & CRAFTS UNIT
BB18	V & C BUILDING	BT13	TRAINING FACILITY TRAILER
BB19	A & D & SIS BUILDING		
BB20	CHapel & MEETING BUILDING		
BB21	CARPENTER'S STORAGE BUILDING		

BUILDING INDEX - REGIONAL TREATMENT CENTRE

RT01	ACCOMMODATION UNIT #5
RT02	MULTIPURPOSE BUILDING

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 OCTOBER 31, 2007.

3 EXPAND PARKING LOT AT BATH INSTITUTION. 03/2015  
 2 UPDATE SITE SERVICES WITH NEW WATER RESERVOIR AT BATH & FIRE ROUTE AT MILLHAVEN 01/2014  
 1 UPDATE SITE SERVICES WITH AS BUILT INFORMATION FOR G/O BUILDINGS AT BATH, RTC & MH 02/2014

LEGEND

MAIN FLOOR ELEVATION  
 HORIZONTAL CTRL. MONUMENT  
 VERTICAL CTRL. MARK  
 SURVEY MON. BM  
 SURVEY & PERIMETER BOUNDARIES  
 BURIED STRUCTURE  
 DITCH  
 COLLECTOR  
 ANTENNA  
 GUARDRAIL  
 SECURITY FENCE  
 SECURITY FENCE  
 GATE  
 POST  
 BOLLARD  
 FLAG POST  
 LIGHT SUPPORT  
 MARCH  
 CCTV CAMERA  
 MOTION SENSOR  
 TRANSDUCER MODULE  
 FENCE DETECTOR  
 FIRE ALARM & SECURITY U/V  
 BELL MANHOLE  
 BELL U/V CABLE  
 BELL U/V CABLE  
 PUBLIC ADDRESS SPEAKER  
 INTERCOM  
 TELEPHONE BUSH  
 COMMUNICATION O/H  
 COMMUNICATION O/H  
 COMMUNICATION O/H  
 FIRE ALARM  
 FIRE SERVICE U/V  
 DUCT U/V CABLE  
 (CABLE)  
 TRUNK ON CONCRETE PAD  
 PULL FIT  
 ELECTRICAL METER  
 LIGHT STANDARD  
 HYDRO POLE  
 POLE MTD TRANSFORMER  
 ELECTRICAL MANHOLE  
 FIBRE OPTICS MANHOLE  
 STREET LIGHT SINGLE/DOUBLE  
 SUPERFUND LUMINAIRE  
 POLE ANCHOR  
 FLOOD LIGHT  
 WALL MOUNTED LIGHT  
 ELEC. RECEPTACLE  
 44.00V O/H LINE  
 12.5/24V O/H LINE  
 12.5/24V U/V LINE  
 12.5/24V U/V LINE  
 240V U/V LINE  
 240V U/V LINE  
 120/240V U/V O/H  
 POWER SERVICE  
 POWER SERVICE  
 STREET LIGHT  
 LIGHTING METER  
 WATER WELL  
 SWIMMER CONNECTION  
 WATER METER  
 PIPE CAP  
 FIRE HYDRANT  
 WATER VALVE  
 VALVE PUMP CHAMBER  
 POST INDICATOR VALVE  
 HOSE CONNECTION  
 VENT  
 WATER BLOCK  
 FIRE METER  
 WATER LINE/WELL SUPPLY LINE  
 WATER IRREGULAR LINE  
 STEAM LINE (SUPPLY & WASTE)  
 PROGRAM LINE  
 GAS VALVE  
 GAS METER  
 GAS LINE WORKER  
 FUEL PUMP  
 STEAM MANHOLE  
 STORM SEWER  
 MANHOLE CATCHBASIN  
 STORM MANHOLE  
 CATCH BASIN  
 SUMP PUMP  
 SANITARY SEWER  
 SANITARY MANHOLE  
 150MM INTERRUPTOR  
 HOLDING TANK  
 CLEANOUT  
 SEPTIC BED  
 TO BE VERIFIED  
 ABANDONED SERVICES  
 HAZARDOUS MATERIAL

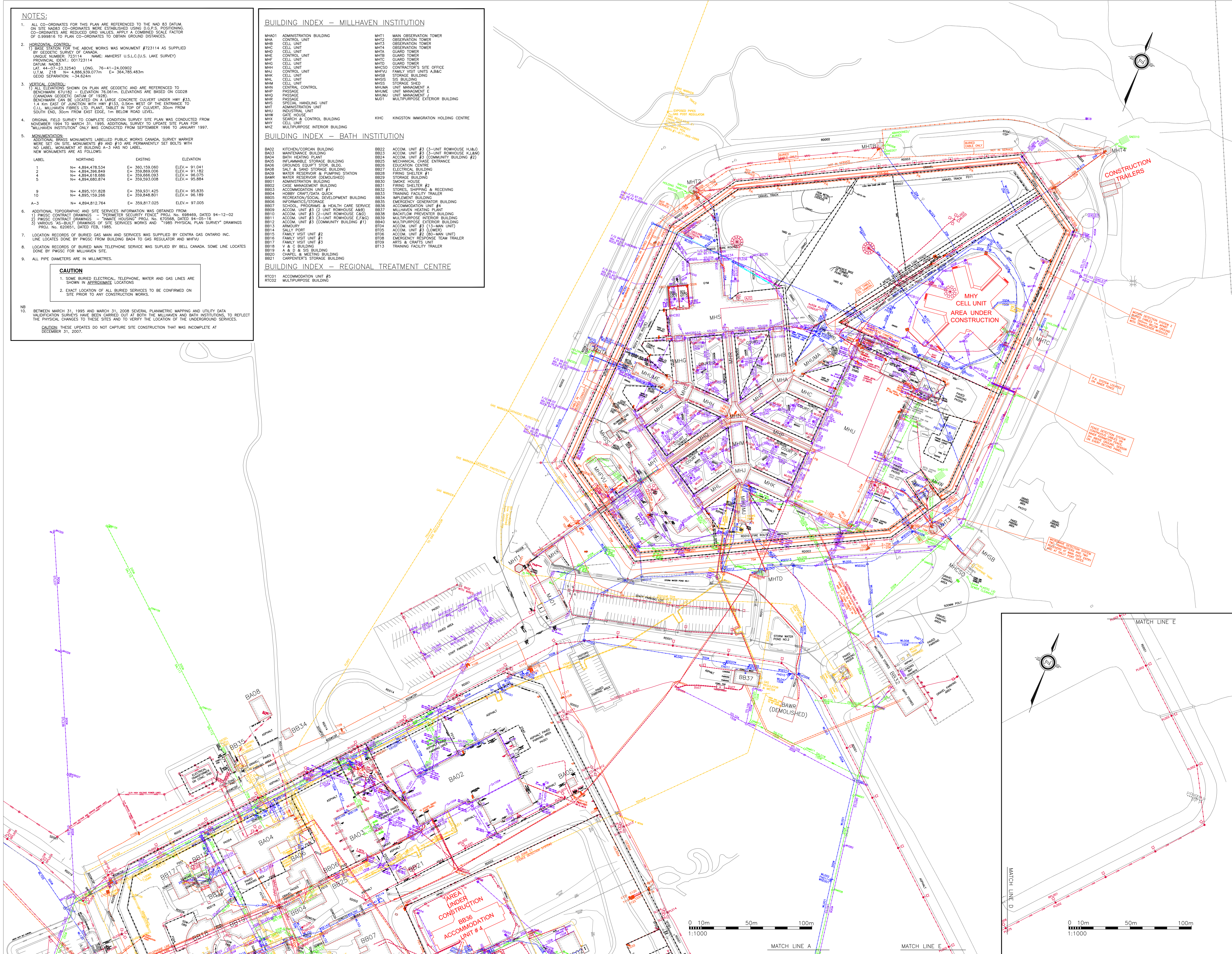
A	Detail No.
B	No. du detail
C	drawing no. - where detail required
	dessin no. - ou detail exigé
	drawing no. - where detailed
	dessin no. - ou détaillé

project title / titre du projet  
**MILLHAVEN** ONTARIO  
 CORRECTIONAL SERVICE CANADA  
 MILLHAVEN INSTITUTION

AERP-CONDITION SURVEY 2007  
 drawing title / titre du dessin  
**SITE SERVICES**  
 MASTER PLAN

designed by / conçu par  
 drawn by / dessiné par J. Sormilic  
 reviewed by / examiné par R. Pitton  
 approved by / approuvé par

project date / date du projet 2007-12-31  
 drawing no. / numéro du projet 310304



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 1:1000

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