90.06

NOTES:

1). ALL COORDINATES FOR THIS PLAN ARE REFERENCED TO THE NAD 27 DATUM.
ON SITE NAD 27 COORDINATES WERE OBTAINED FROM MINISTRY OF TRANSPORTATION AND COMMUNICATION – KINGSTON DIVISION. COORDINATES ARE REDUCED GRID VALUES. APPLY A COMBINED SCALE FACTOR OF 0.999724 TO PLAN COORDINATES TO OBTAIN GROUND DISTANCES.

2). HORIZONTAL CONTROL:-
FIELD SURVEYS ARE REFERENCED TO THE FOLLOWING HORIZONTAL CONTROL MONUMENTS:

1. M.T.C. MONUMENT N° 008840243
LOCATION: FROM THE INTERSECTION OF HWY #15 AND JOYCEVILLE RD.,GO SOUTH
1.65Km TO MONUMENT LOCATED ON EAST SIDE OF HWY #15.
2.15Km NORTH OF WOODBURN RD.
0.35Km SOUTH OF MTC MON. No. 008840244
DESCRIPTION: CAP SET IN ROCK
2. M.T.C. MONUMENT N° 008840244
LOCATION: FROM THE INTERSECTION OF HWY #15 AND JOYCEVILLE RD., GO SOUTH
1.30Km TO MONUMENT LOCATED ON EAST SIDE OF HWY #15.
2.15Km NORTH OF WOODBURN RD.
0.35Km NORTH OF MTC MON. No. 008840243
DESCRIPTION: S.I.B. AND CAP

DATUM: NAD 27 UTM ZONE 18, SOUTHERN ONTARIO 1974 ADJUSTMENT

3). VERTICAL CONTROL:-

1. ALL ELEVATIONS SHOWN ON PLAN ARE GEODETIC AND BASED ON GSC 28 (GEODETIC SURVEY OF CANADA, 1995) BENCHMARKS WHICH WERE GIVEN SUPPLIED BY THE MINISTRY OF TRANSPORTATION & COMMUNICATION–KINGSTON DIVISION.

2. M.T.C. PRECISE BM B48168 ELEV. 119.327m (GEODETIC) LOCATED ON A ROCK OUTCROP ON THE WEST SIDE OF HWY #15, 0.3Km SOUTH OF JUNCTION OF HWY #15 AND JOYCEVILLE ROAD, 0.7Km NORTH OF WOODBURN ROAD AND 17.9M WEST OF CENTRE LINE ON HWY #15, TABLET SET IN TOP OF ROCK 19.6m SOUTH OF TELEPHONE POLE, 0.3m EAST OF WEST R.O.W (RIGHT OF WAY) FENCE OF HWY #15 AND MARKED BY A STEEL MARKER 0.37m SOUTH OF B.M.

4). ORIGINAL FIELD SURVEY TO COMPLETE CONDITION SITE PLAN WAS CONDUCTED IN SEPTEMBER & OCTOBER 1993 BY PWCC. ADDITIONAL SURVEYS FOR "PITTSBURGH INSTITUTION" ONLY WERE CONDUCTED IN JULY AND AUGUST 1995.

5). NEW MONUMENTIZION:
ADDITIONAL (BRASS MONUMENTS LABELLED PUBLIC WORKS CANADA, SURVEY MARKER WERE SET ON SITE ON JULY 1, 1995. MONUMENTS WERE SET AND THEIR VALUES ARE AS FOLLOWS:

	NORTHING	EASTING	ELEVATION
JOYCE 001	4 912 299.216	392 423.991	111.238
JOYCE 002	4 912 528.525	392 398.377	109.624
PITT 001	4 912 339.330	392 528.019	113.753

6). TOPOGRAPHIC INFORMATION IN VICINITY OF BLDG P51 TO JOG PROVIDED BY CONSULTANT'S DRAWING DATED 93-06-10, PROJECT N° 92095, EDMUNDSON MATTHEWS ARCHITECTS AND A.J.ROBINSON & ASSOCIATES INC.

7). NEW WATERMAIN REPLACEMENT EAST OF JOYCEVILLE INSTITUTION INFORMATION OBTAINED FROM AS-BUILT DWGS DATED APRIL 14/1994.

8). LOCATION RECORDS OF BURIED NATURAL GAS MAINS AND SERVICES WAS SUPPLIED BY CENTRE GAS ONTARIO INC. ONLY LINES SERVICING BLDGS PP48, PP53, PP65, PP66, PP68 WERE TRACED ON SITE.

9). LOCATION RECORDS OF BURIED MAIN TELEPHONE SERVICE WAS SUPPLIED BY BELL CANADA

10). ALL PIPE DIAMETERS ARE IN MILLIMETERS

CAUTION:

1. BURIED ELECTRICAL , TELEPHONE CABLES AND SOME GAS LINES ARE SHOWN IN APPROXIMATE LOCATIONS.

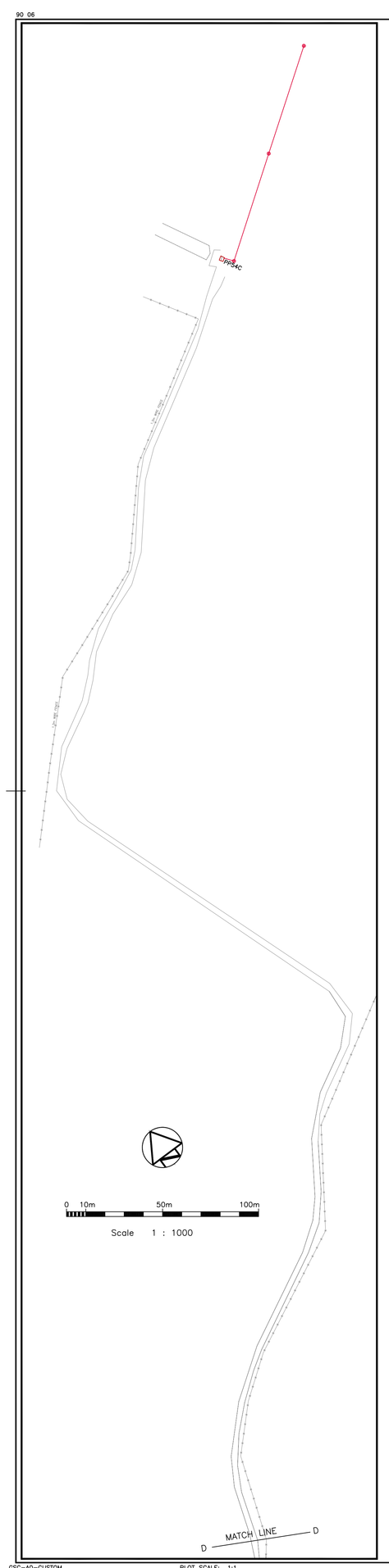
2. EXACT LOCATION OF ALL BURIED SERVICES TO BE CONFIRMED ON SITE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORKS.

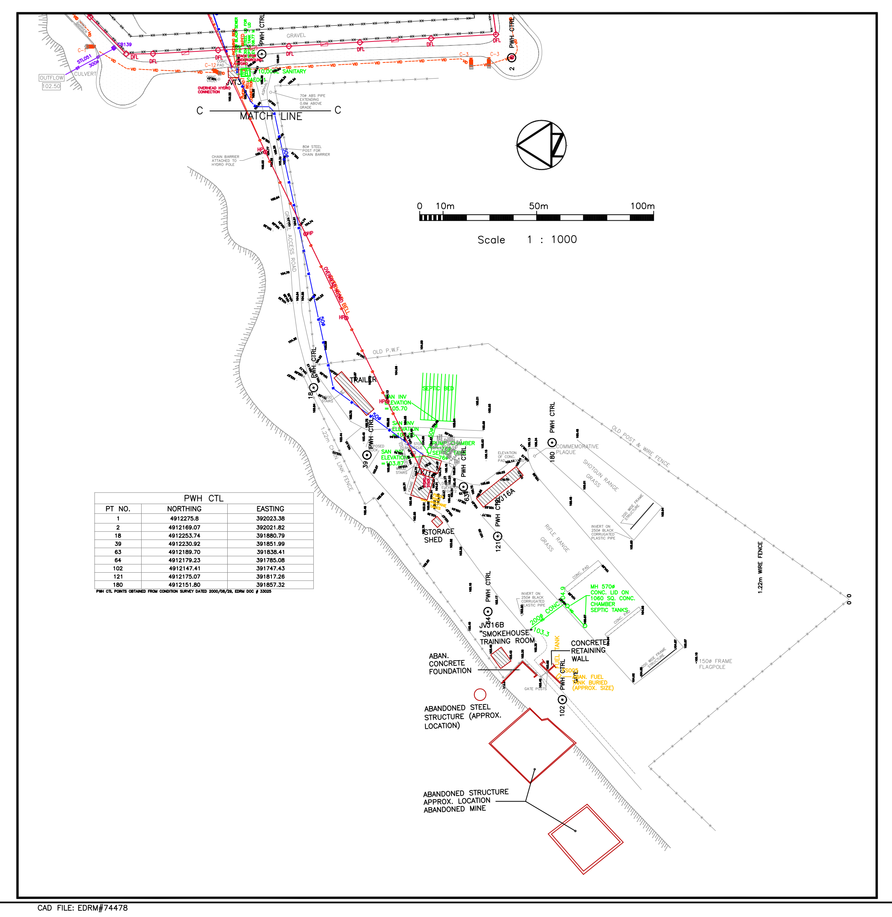
JOYCEVILLE INSTITUTION BUILDING INDEX

JU01	ADMINISTRATION BLDG.
JU02	ACCOMMODATION BLDG. V & C
JU03	ACCOMMODATION & DISSOCIATION BUILDING
JU04	GYMNASIUM AND LIBRARY BUILDING
JU05	KITCHEN BLDG.
JU06	GREASE TRAP BUILDING
JU06/6A/7B	INDUSTRIAL SHOP BUILDINGS
JU07	LAUNDRY AND S.I.S. BUILDING
JU09	SCHOOL BUILDING
JU10	INDUSTRIAL SHOPS & WORK OFFICE
JU11	INDUSTRIAL SHOP AND BROADBASE TRANSPORTATION BLDG.
JU12	SEWAGE LIFT STATION PLANT
JU13B	OIL SEPARATOR TANK
JU13	FLAMMABLE STORAGE BUILDING
JU14	MAINTANANCE STORAGE AND SHOPS BLDG.
JU15	RECREATION STORAGE BLDG.
JU16	WEAPONS STORAGE, LOCKERS & WASHROOMS
JU16A	WEAPONS SWAGE SHELTER
JU16B	TRAINING SMOKE HOUSE
JU17	GAS STORAGE BLDG.
JU18	DIESEL OIL STORAGE
JU19	STORAGE BUILDING
JU20	MAINTENANCE ENGINEERS SHOP
JU21	WATER TANK & TOWER
JU22	INCINERATOR BUILDING (ABANDON)
JU23	ORNAMENTAL GROUNDS/RECYCLING & GARAGE
JU24	VOCATIONAL & ACTIVITES BLDG.
JU25	FAMILY VISIT BLDG.
JU29	FAMILY VISIT DUPLEX UNITS 9 & 2
JU30	FAMILY VISIT DUPLEX UNITS 1 & 2
JU31	FAMILY VISIT DUPLEX UNITS 4 & 2
JU37	WATER FILTRATION PLANT
JU38	PUMP HOUSE & WATER LIFT
JU39	BACKFLOW PREVENTER BUILDING
JU40	INTERIOR MULTIPURPOSE BUILDING
JU41	EXTERIOR MULTIPURPOSE BUILDING
JU50	PUMP HOUSE & STORAGE BUILDING
JV01	ELECTRICAL ROOM (GUARD TOWER 5)
JV02	SERVICE BUILDING
JV05	ELECTRICAL ROOM (GUARD TOWER 5)
JV06	GUARD TOWER #6
JV07	GUARD TOWER #7
TRF	TRANSFORMER
WT1	WATER TOWER

PITTSBURGH INSTITUTION BUILDING INDEX

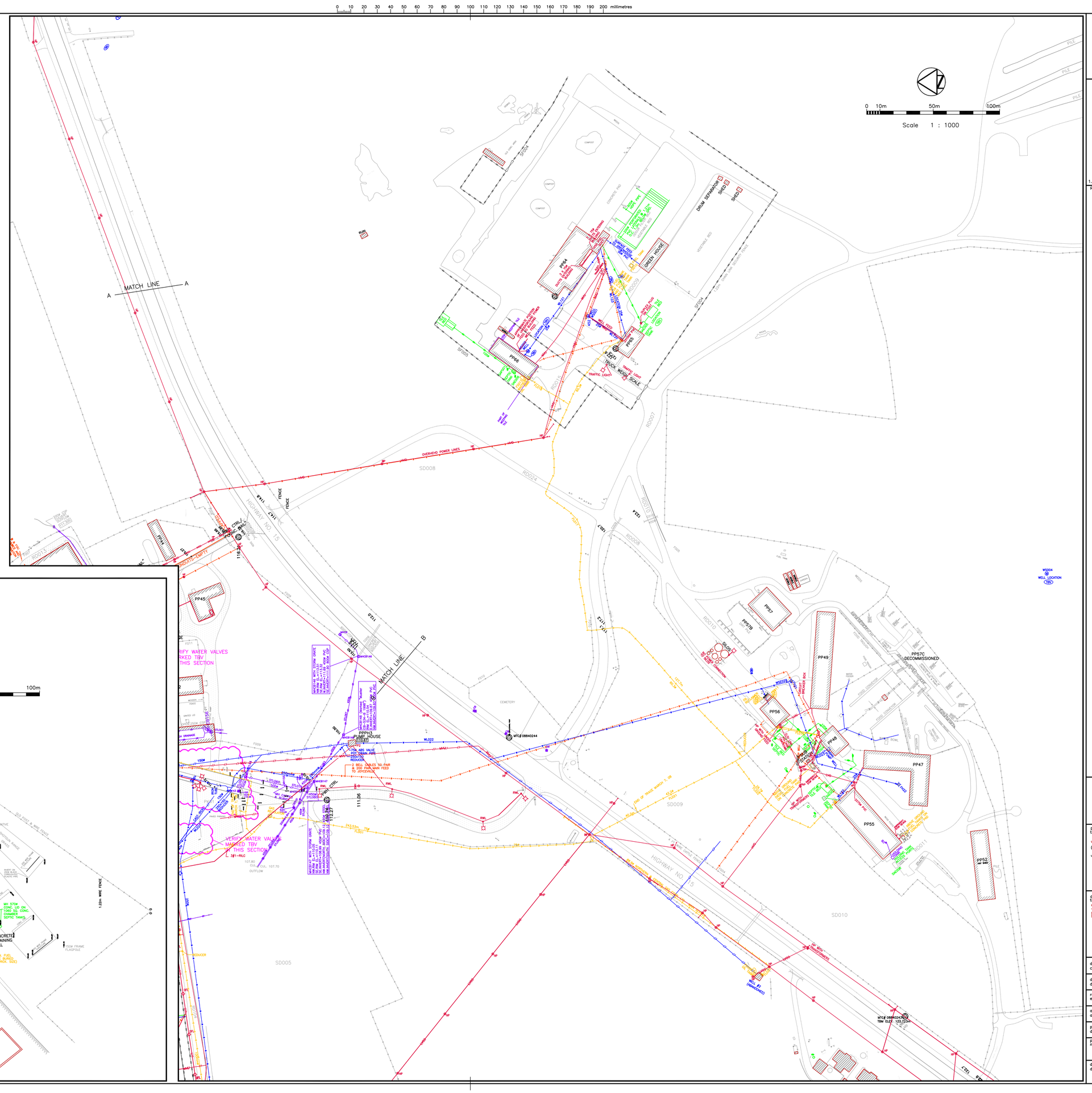
PP42	BEEF STOCK BARN
PP43	BEEF STOCK BARN & SLAUGHTERABLE PREP. & STORAGE
PP44	IMPLEMENT SHED
PP45	FEED STORAGE BARN
PP46	ABANDONED
PP47	DAIRY HOUSING BARN & WOODROW COMPOSTING
PP48	FARM MANAGER'S OFFICE
PP49	LOOSE HOUSING BARN
PP51	ADMINISTRATION & GYMNASIUM BUILDING
PP52	FARM SHOP
PP53	GREENHOUSE
PP54B	GARDEN PUMP HOUSE
PP54C	GARDEN PUMP HOUSE
PP55	HUW BUILDING
PP56	FARM EQUIPMENT REPAIR BUILDING
PP57	HAY STORAGE BARN
PP57A	STEEL GRANARY FEED PREP. COMPLEX (ABANDON)
PP57B	SILO (ABANDON)
PP57C	LIQUID MANURE STORAGE (DECOMMISSIONED)
PP63	VISITS & CORRESPONDENCE
PP64	ABANDONED
PP66	CENTRALIZED COMPOSTING FACILITY
PP65	ADMINISTRATION BUILDINGS
PP67	ADMINISTRATION & TRAINING
PP70	REINTEGRATION BUILDING
PP71	SOCIAL EDUCATION BUILDING
PP72	RESIDENTIAL LIVING UNIT BLOCK & NEIGHBOURHOOD UNIT
PP73	RESIDENTIAL LIVING UNIT BLOCK
PP74	RESIDENTIAL LIVING UNIT BLOCK
PP75	RESIDENTIAL LIVING UNIT BLOCK & NEIGHBOURHOOD UNIT
PP76	RESIDENTIAL LIVING UNIT BLOCK & NEIGHBOURHOOD UNIT
PP76-2E	RESIDENTIAL LIVING UNIT BLOCK
PP77	RESIDENTIAL LIVING UNIT BLOCK
PP78	RESIDENTIAL LIVING UNIT BLOCK
PP79	RESIDENTIAL LIVING AND NEIGHBOURHOOD UNIT
PP80	RESIDENTIAL LIVING UNIT BLOCK
PP81	RESIDENTIAL LIVING UNIT BLOCK
PP82	BULK STORAGE SHED
PP83	FAMILY VISITS UNIT
PP84	FAMILY VISITS UNIT
PP85	SO SEG ACCOMMODATION BUILDING
PPPH3	PUMP HOUSE
PPSUBST	ELECTRICAL SUBSTATION





PWH CTL		
PT. NO.	NORTHING	EASTING
1	4912275.8	392033.30
2	4912169.07	392021.82
18	4912253.74	391985.79
26	4912230.92	391951.99
63	4912189.70	391938.41
64	4912179.23	391785.06
102	4912147.41	391747.42
121	4912175.5	391817.26
130	4912211.80	391867.28

PWH CTL POINTS OBTAINED FROM CONVERTED SURVEY DATED 2003/06/05, DWG NO. 2 DATED



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

1. NEW GI & GO BLDGS WITH SERVICES — JAN. 2014
Revisions — Date

LEGEND

- 271.82 MAIN FLOOR ELEVATION
- HORIZONTAL CTRL MONUMENT
- VERTICAL BENCH MARK
- SIB SURVEY IRON BAR
- SURVEY & PERIMETER BOUNDARIES
- BUILDING
- BURIED STRUCTURE
- DITCH
- CULVERT
- ANTENNA
- GUARDRAIL
- SIGN (SINGLE/DOUBLE POST)
- REGULAR FENCE
- SECURITY FENCE
- GATE
- POST
- BOLLARD
- FLAG POST
- LIGHT SUPPORT
- TREE
- SHRUB
- CCTV CAMERA
- MOTION SENSOR
- TRANSCEIVER MODULE
- FENCE DETECTOR
- FA-SEC FIRE ALARM & SECURITY U/G
- BELL PEDESTAL
- BELL MANHOLE
- BELL O/H CABLE
- BELL U/G/ CABLE
- PUBLIC ADDRESS SPEAKER
- INTERCOM
- SATELLITE DISH
- CMO COMMUNICATION O/H VOICE/DATA CABLE
- CMU COMMUNICATION U/G VOICE/DATA CABLE
- CMU-FA COMMUNICATION U/G FIRE ALARM
- FOU FIBRE OPTICS U/G
- VO VOICE TOPHAL U/G CABLE
- TRANSF. ON CONCRETE PAD
- PULL PIT
- JUNCTION BOX/MANHOLE GROUND INSPECTION BOX
- LS LIGHT STANDARD
- HP HYDRO POLE
- POLE MT'D TRANSFORMER
- EMH ELECTRICAL MANHOLE
- FOM FIBRE OPTICS MANHOLE
- STREET LIGHT SINGLE/DOUBLE
- SUSPENDED LUMINAIRE
- POLE ANCHOR
- FLOOD LIGHT
- WALL MOUNTED LIGHT
- ELECT. RECEPTACLE
- HVOO 44.0kV O/H LINE
- HVO 12.5/7.2kV O/H LINE
- HVU 12.5/7.2kV U/G LINE
- MVO 2400 LE LN O/H LINE 600V LE LN O/H LINE
- MVU 2400 LE LN U/G LINE 600V LE LN U/G LINE
- HVO 120/240V 1Ø 3W O/H POWER SERVICE
- HVU 120/240V 1Ø 3W U/G POWER SERVICE
- LTO 120/240V 1Ø 3W O/H STREET LIGHTING
- LTOO 120 1Ø 3W STREET LIGHTING AND POWER SERVICE O/O LINE
- WATER WELL
- SIAMESE CONNECTION
- WATER METER
- PIPE CAP
- FIRE HYDRANT
- WATER VALVE
- VPC VALVE PUMP CHAMBER
- SIAMU POST INDICATOR VALVE
- HOSE CONNECTION
- VENT
- THRUST BLOCK
- FM FIRE MAIN
- WATER LINE/WELL SUPPLY LINE
- WATER IRRIGATION LINE
- STEAM LINE (SUPPLY & RETURN)
- PROPANE LINE
- GAS LINE
- GAS VALVE
- GAS METER
- GAS LINE MARKER
- FUEL PUMP
- MH STORM MANHOLE
- STORM SEWER
- SUBDRAIN
- MHCB MANHOLE CATCHBASIN
- MH STORM MANHOLE
- CB CATCH BASIN
- SANITARY SEWER
- SAM SANITARY MANHOLE
- G.I.N.E.I. GREASE INTERCEPTOR
- HOLDING TANK
- CO CLEANOUT
- SEPTIC BED
- TBV TO BE VERIFIED
- ABANDONED SERVICES
- HAZARDOUS MATERIAL

A/B/C — A Detail No. / No. du detail; B drawing no. — where detail required / dessin no. — ou detail exige; C drawing no. — where detailed / dessin no. — ou detaille

project title / titre du projet
JOYCEVILLE ONTARIO
CORRECTIONAL SERVICE CANADA
JOYCEVILLE/PITTSBURGH INSTITUTIONS

drawing title / titre du dessin
SITE SERVICES
MASTER PLAN

designed by / conc par	JS
drawn by / dessine par	JS
reviewed by / examine par	RP
approved by / approuve par	
project date / date du projet	2011-03-31
project no. / no. du projet	R.040448.002
revision no.	
drawing no. / dessine no.	450/451-01 2/2

GSC-AO-CUSTOM PLOT SCALE: 1:1 CAD FILE: EDRM#74478