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. THESE COORDINATES WERE ADJUSTED TO ONE SITE WITH 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° 00884043
LOCATION: FROM THE INTERSECTION OF HWY #15 AND JOYCEVILLE RD.,GO SOUTH
1.65km TO MONUMENT LOCATED ON EAST SIDE OF HWY #15.
0.35km SOUTH OF WOODBURN RD.
DESCRIPTION: CAP SET IN ROCK
2. M.T.C. MONUMENT N° 00884044
LOCATION: FROM THE INTERSECTION OF HWY #15 AND JOYCEVILLE RD., GO SOUTH
1.30Km TO MONUMENT LOCATED ON EAST SIDE OF HWY #15.
2.50Km NORTH OF WOODBURN RD.
0.35Km NORTH OF MTC MON. No. 00884043
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). BENCH MARK DATA HAS BEEN SUPPLIED BY THE MINISTRY OF TRANSPORTATION & COMMUNICATION-KINGSTON DIVISION.

2. M.T.C. PRECISE BM 84R168 ELEV. 119.327m (GEODETIC) LOCATED ON A ROCK OUTCROP ON THE WEST SIDE OF HWY #15, 0.24km SOUTH OF JUNCTION OF HWY #15 AND JOYCEVILLE ROAD, 0.7km NORTH OF WOODBURN ROAD AND 17.8m WEST OF CENTRE LINE ON HWY #15. TABLET SET IN TOP OF ROCK 19.4m EAST OF CENTRE LINE OF HWY #15 AND 1.5m WEST OF EAST EDGE OF 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 PWGSC. ADDITIONAL SURVEYS FOR "PITTSBURGH INSTITUTION" (ONLY) WERE CONDUCTED IN JULY AND AUGUST 1995.

5). NEW MONUMENTATION:
ADDITIONAL BENCH MONUMENTS LABELLED PUBLIC WORKS CANADA, SURVEY MARKER WERE SET ON SITE ON JULY 11, 1995. NEW MONUMENTS ARE AS FOLLOWS:

LABEL	NORTHING	EASTING	ELEVATION
JOYCE 001	4 912 299.218	392 423.991	111.238
JOYCE 002	4 912 529.725	392 398.377	108.824
PITT 001	4 912 339.532	392 526.019	113.753

6). TOPOGRAPHIC INFORMATION IN VICINITY OF BLDG #51 TO J50 PROVIDED BY CONSULTANT'S DRAWING DATED 93-06-10, PROJECT N° 92095, EDMUNDSON MATTHEWS ARCHITECTS AND AJ.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 PP46, PP53, PP63, PP66 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:

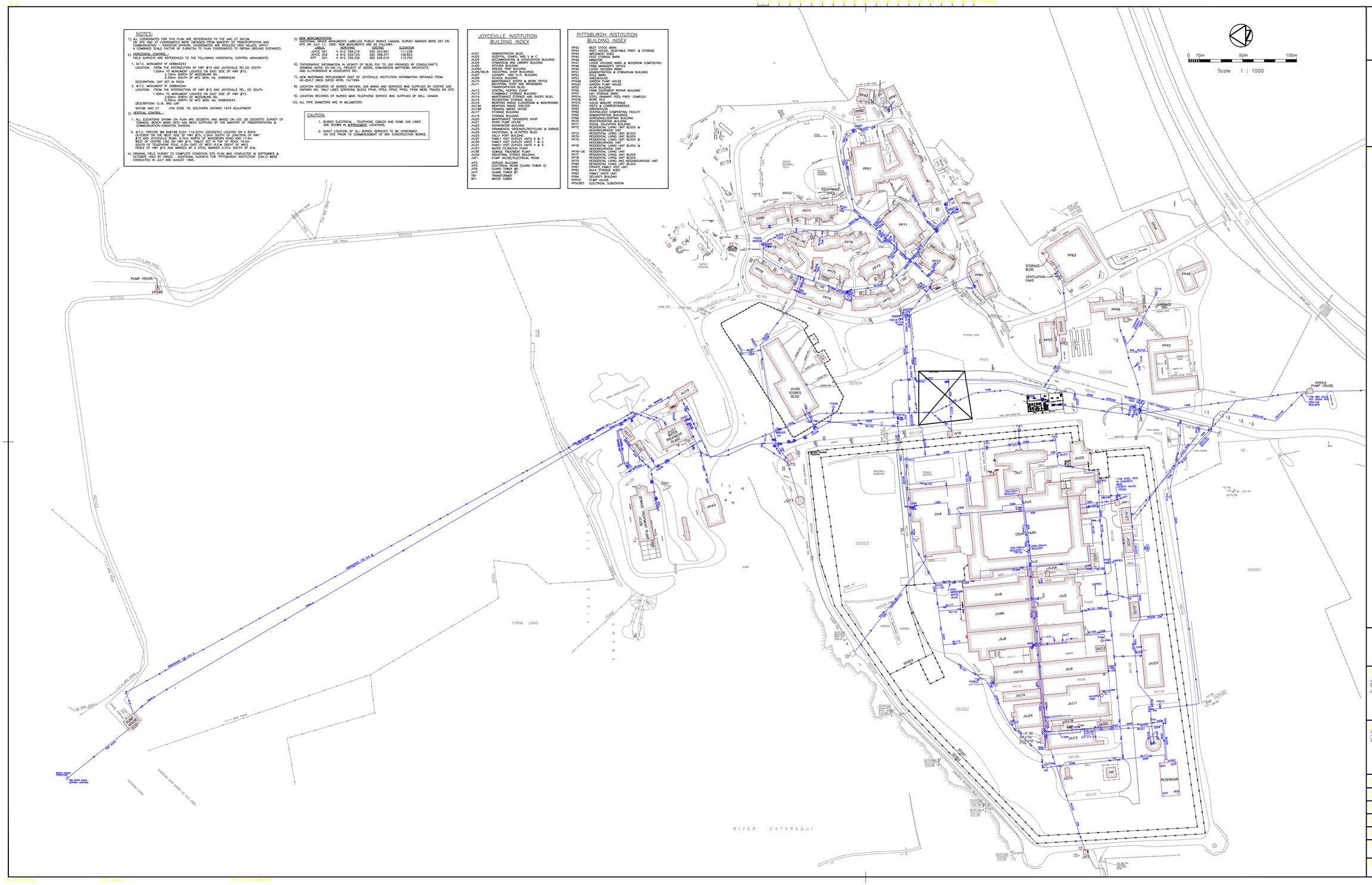
1. BURIED ELECTRICAL, TELEPHONE CABLES AND SOME GAS LINES ARE SHOWN IN APPROXIMATE LOCATIONS.
2. EXACT LOCATION OF ALL BURIED SERVICES TO BE CONFIRMED ON SITE PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORKS.

JOYCEVILLE INSTITUTION
BUILDING INDEX

JU01	ADMINISTRATION BLDG.
JU02	HOSPITAL, CHAPEL AND V & C
JU03	ACCOMMODATION & DISSOCIATION BUILDING
JU04	ACCOMMODATION & LIBRARY BUILDING
JU05	KITCHEN BUILDING
JU05A	GREASE TRAP BUILDING
JU06/6A/B	INDUSTRIAL SHOP BUILDINGS
JU07	LAUNDRY AND S.I.S. BUILDING
JU08	SHIPPING & RECEIVING
JU10	MAINTENANCE SHOPS & WORK OFFICE
JU11	INDUSTRIAL SHOP AND BROADBASE MAINTENANCE SHOPS
JU12	CENTRAL HEATING PLANT
JU13	FLAMMABLE STORAGE BUILDING
JU14	MAINTENANCE STORAGE AND SHOPS BLDG.
JU15	RECREATION STORAGE BLDG.
JU16	WEAPONS RANGE & CLASSROOM & WASHROOMS
JU16A	WEAPONS RANGE SHELTER
JU16B	TRAINING SMOKE HOUSE
JU17	STORAGE BUILDING
JU19	STORAGE BUILDING
JU20	MAINTENANCE ENGINEERS SHOP
JU21	RIVER PUMP HOUSE
JU22	INCINERATOR BUILDING
JU23	WASTE MANAGEMENT/RECYCLING & GARAGE
JU24	VOCATIONAL & ACTIVITIES BLDG.
JU25	SALLY PORT BUILDING
JU27	FAMILY VISIT DUPLEX UNITS 6 & 7
JU30	FAMILY VISIT DUPLEX UNITS 1 & 2
JU31	FAMILY VISIT DUPLEX UNITS 4 & 5
JU37	WATER FILTRATION PLANT
JU38	SEWAGE TREATMENT PLANT
JU50	INDUSTRIAL STORES BUILDING
JP1	PUMP HOUSE/ELECTRICAL ROOM
JV3	GUARD TOWER #3
JV5	ELECTRICAL ROOM (GUARD TOWER 5)
JV6	GUARD TOWER #6
JV7	GUARD TOWER #7
TBF	TRANSFORMER
WT1	WATER TOWER

PITTSBURGH INSTITUTION
BUILDING INDEX

PP42	BEEF STOCK BARN
PP43	ROOT HOUSE, VEGETABLE PREP. & STORAGE
PP44	SATELLITE DISH
PP45	FEED STORAGE BARN
PP46	ABBATOIR
PP47	FARM HOUSING BARN & WOODROW COMPOSTING
PP48	FARM MANAGER'S OFFICE
PP49	LOOSE HOUSING BARN
PP51	ADMINISTRATION & GYMNASIUM BUILDING
PP52	POLE BARN
PP53	GARDEN HOUSE
PP54B	GARDEN PUMP HOUSE
PP54C	GARDEN HOUSE
PP56	FARM EQUIPMENT REPAIR BUILDING
PP57	HAY STORAGE BARN
PP57A	STEEL GRAINARY FEED PREP. COMPLEX
PP57B	SILO
PP57C	LIQUID MANURE STORAGE
PP62	VISITS & CORRESPONDENCE
PP63	GREENHOUSE
PP64	WOODROW WOOD COMPOSTING FACILITY
PP65	ADMINISTRATION BUILDINGS
PP66	SHREDDING/SORTING BUILDING
PP70	RESIDENTIAL LIVING UNIT
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
PP76-26	RESIDENTIAL LIVING UNIT
PP77	RESIDENTIAL LIVING UNIT BLOCK
PP78	RESIDENTIAL LIVING UNIT BLOCK
PP79	RESIDENTIAL LIVING AND NEIGHBOURHOOD UNIT
PP80	RESIDENTIAL LIVING UNIT BLOCK
PP81	PRIVATE FAMILY VISIT UNIT
PP82	FAMILY VISITS UNIT
PP83	FAMILY VISITS UNIT
PP84	SECURITY BUILDING
PPPH3	PUMP HOUSE
PPSUBST	ELECTRICAL SUBSTATION


Scale 1 : 1000
0 10m 50m 100m
HIGHWAY No. 15
RD103
RD102
RD101
RD104
RD105
RD106
RD107
PUMP HOUSE
PP54B
PP51
PP71
PP77
PP80
PP79
PP78
PP76
PP75
PP74
PP73
PP70
PP72
PP62
PP64
PP63
PP45
PP46
PP53
PP42
PP43
JU50 STORES BLDG
JU37 WATER FILTRATION PLANT
JU38 SEWAGE TREATMENT PLANT
JU21 RIVER PUMP HOUSE
JU22 INCINERATOR BUILDING
JU23 WASTE MANAGEMENT/RECYCLING & GARAGE
JU24 VOCATIONAL & ACTIVITIES BLDG.
JU25 SALLY PORT BUILDING
JU01 ADMINISTRATION BLDG.
JU02 HOSPITAL, CHAPEL AND V & C
JU03 ACCOMMODATION & DISSOCIATION BUILDING
JU04 ACCOMMODATION & LIBRARY BUILDING
JU05 KITCHEN BUILDING
JU05A GREASE TRAP BUILDING
JU06 INDUSTRIAL SHOP BUILDINGS
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JU31 FAMILY VISIT DUPLEX UNITS 4 & 5
JU9 JU10 JU11 JU12 JU14 JU15 JU16 JU16A JU16B JU17 JU19 JU20 JU23 JU24 JU25 JU27 JU30 JU31 JU37 JU38 JU50
JV3 JV5 JV6 JV7
JP1
WT1
TBF
PPPH3 PUMP HOUSE
RESERVOIR
COURTYARD
FARM LAND
RIVER CATARAQUI
SD001 SD002 SD003 SD004 SD005 SD006
PK02 PK03 PK08 PK09 PK10 PK11
STORAGE BLDG
VENTILATION FANS
EQUIPMENT SHED
GARDEN
HOLDING TANK
DUMP
FIELD
SWAMP
FENCE
Parking Area
GRASS BASEBALL FIELD
TENNIS COURTS
BASEBALL DIAMOND
NATIVE GROUND
ROCK UNDER CONSTRUCTION
ABANDONED 150 mm ø
150M STEEL PIPE IN CONCRETE BLOCK (LOCKBLOCK VALVE) VG060
200x150mm REDUCER
150x100mm REDUCER
CAPPED
FH013
FH015
FH016
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