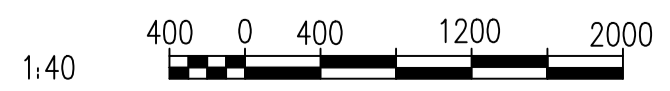


MAIN FLOOR PLAN
SCALE: 1 : 40



CONSTRUCTION NOTES:

- 1 PROVIDE AND INSTALL NEW MOTOR CONTROL CENTRE MCC-A71.
- 2 PROVIDE AND INSTALL NEW MOTOR CONTROL CENTRE, MCC-A72.
- 3 PROVIDE AND INSTALL NEW 600:120/208V TRANSFORMER, XFMR-A73, COMPLETE WITH NON-COMBUSTIBLE INSULATING BOARD BEHIND THE TRANSFORMER EXTENDING 300mm ABOVE AND ON ALL SIDES.
- 4 PROVIDE AND INSTALL NEW 120/208V PANELBOARD, PNL-A73.
- 5 MOUNT THE EXISTING TELEPHONE BESIDE THE NEW CONTROL PANEL IN THE ELECTRICAL ROOM.
- 6 PROVIDE AND INSTALL NEW TEMPORARY GENERATOR CONNECTION ENCLOSURE, JB-A72.
- 7 PROVIDE AND INSTALL NEW CONTROL PANEL, CP-A81.
- 8 PROVIDE AND INSTALL NEW FLUORESCENT LUMINAIRE. SUSPEND TO BE BOTTOM FLUSH WITH THE BOTTOM OF THE HVAC DUCTWORK.
- 9 PROVIDE AND INSTALL NEW DUPLEX RECEPTACLES AS SHOWN. ALL RECEPTACLES TO BE WEATHER-PROOF.
- 10 PROVIDE AND INSTALL NEW FLUORESCENT LIGHT FIXTURE. PROVIDE SUPPORT BRACKET TO ANGLE DOWNWARD.
- 11 PROVIDE AND INSTALL NEW FLUORESCENT LUMINAIRE.
- 12 PROVIDE AND INSTALL TWO-GANG SWITCH FOR CONTROL OF ELECTRICAL ROOM LIGHTING AND OUTDOOR RECEPTACLE. LABEL EACH SWITCH WITH ITS FUNCTION USING A LAMACOID.
- 13 PROVIDE AND INSTALL NEW EMERGENCY LIGHTING BATTERY BANK WITH THE BOTTOM OF THE ENCLOSURE NOT LESS THAN 2.0m ABOVE FINISHED FLOOR.
- 14 PROVIDE AND INSTALL NEW EMERGENCY LIGHTING REMOTE FIXTURE WITH THE BOTTOM OF THE ENCLOSURE NOT LESS THAN 2.0m ABOVE FINISHED FLOOR.
- 15 PROVIDE HOUSEKEEPING PAD, 89mm HIGH, EXTENDING 150mm ON EACH SIDE AND 50mm IN FRONT OF THE EQUIPMENT, WITH 19mm CHAMFERED EDGES. PROVIDE RE-INFORCEMENT AND ANCHOR TO THE FLOOR.
- 16 RELOCATE THE EXISTING CSO PANEL AND FLOWSHARK FLOW TRANSMITTER TO THE ELECTRICAL ROOM.
- 17 PROVIDE AND INSTALL 2-POLE LIGHT SWITCH, HS-A600. CONNECT 2ND POLE TO VENTILATION CONTROL PANEL, JBA-A84. REFER TO DRAWING 1-0127A-A0026.
- 18 PROVIDE AND INSTALL NEW VENTILATION PANEL, JBA-A84.
- 19 PROVIDE AND INSTALL TWO ADDITIONAL FLUORESCENT LUMINAIRES IN THE COMMUNUTOR CHAMBER (NOT SHOWN). POWER FROM PNL-A73 CIRCUIT I5 VIA THE SWITCH IN THE COMMUNUTOR MOTOR ROOM.
- 20 PROVIDE AND INSTALL NEW EMERGENCY STOP PUSHBUTTON STATION.
- 21 RETAIN LOCATION OF THE EXISTING JUNCTION BOX ASSOCIATED WITH THE CSO INCOMING FLOW METER (FIT-S651). RECONNECT TO THE CSO PANEL IN THE ELECTRICAL ROOM. REFER TO DRAWING 1-0127A-A0023.
- 22 PROVIDE AND INSTALL NEW CLAMP-ON LIFT PUMP DISCHARGE FLOW METER, FIT-L101.
- 23 PROVIDE AND INSTALL NEW CABLE AND CONDUIT COVER ON THE REAR OF THE BUILDING FOR ROUTING INCOMING CABLES AND CONDUIT. REFER TO DETAIL 'C' ON DRAWING 1-0127A-E0015.

LEGEND:

- EXISTING
- NEW WORK
- ELB-A74 ← EMERGENCY LIGHTING BATTERY BANK
- A73-01 ← BATTERY BANK IDENTIFIER
- A73-01 ← PANELBOARD CIRCUIT
- EA ← EMERGENCY LIGHTING REMOTE FIXTURE
- ELB-A74 ← SOURCE BATTERY BANK

NOTES:

1. HVAC EQUIPMENT IN THE FLOOD PUMP MOTOR ROOM IS OMITTED FOR CLARITY.
2. REFER TO DRAWING 1-0127A-M0002 FOR HVAC EQUIPMENT AND HVAC INSTRUMENT LOCATIONS.

1-0127A-E0009	ELECTRICAL SCHEDULES
DRAWING NUMBER	REFERENCE DRAWINGS

NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER, BID OP. 331-2016	2016/05/06	BJC	DB

<p>SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080</p>		ENGINEER'S SEAL
DESIGNED BY: B. CLEVEN	CHECKED BY: D. BECKER	ORIGINAL DRAWING SEALED BY: B. CLEVEN SNC-LAVALIN MEMBER #31479 2016/05/09 REV. 00
DRAWN BY: M.J. PERSSON	APPROVED BY: I. PARKINSON	
SCALE: 1:40	ISSUED FOR CONSTRUCTION BY: K. ZUREK	
DATE: 2015/11/06	DATE: 2016/05/06	
CONSULTANT NO.:		

<p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT</p>			
COCKBURN FLOOD AND WASTEWATER PUMPING STATION 2016 UPGRADES ELECTRICAL AND LIGHTING PLAN LAYOUT MAIN FLOOR AND COMMUNUTOR MOTOR ROOM NEW WORK			
CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0127A-E0005	001	00	A1