



MAIN FLOOR PARTIAL PLAN
 1:400

LEGEND 8

- HAZARDOUS CLASS 1, ZONE 1, GROUP IIA
- HAZARDOUS CLASS 1, ZONE 2, GROUP IIA
- CATEGORY 1 (MOISTURE)
- CATEGORY 2 (CORROSIVE)
- CATEGORY 2 WET (MOISTURE & CORROSIVE)
- CEILING MOUNTED LUMINAIRE
- WALL MOUNTED LUMINAIRE
- EXIT LIGHT
- SINGLE POLE SWITCH
- THREE WAY SWITCH
- THREE WAY SWITCHES IN MULTIPLE
- SINGLE RECEPTACLE
- 600 VOLT OUTLET
- MOTOR LOCATION - 3 PHASE
- MOTOR LOCATION - SINGLE PHASE
- MANUAL MOTOR STARTER
- HAZARDOUS RATED SEAL
- THERMOSTAT
- C.C.T.V. CAMERA
- ELECTRICAL PANEL OR JUNCTION BOX LOCATION
- STROBE
- HORN
- SPEAKER HORN
- ROOM NUMBER
- DISCRETE INSTRUMENTS
- FIELD MOUNTED
- PILOT LIGHT
- DETAIL VIEW (INCLUDES PHOTO)
- DEVICE TYPE SYMBOL
REFER TO 1-0102A-E0010-001 FOR DEVICE SCHEDULE
- DEVICE TYPE
- LUMINAIRE TYPE SYMBOL
REFER TO 1-0102A-E0010-002 FOR LUMINAIRE SCHEDULE
- LUMINAIRE TYPE
- HAZARDOUS AREA SIGNAGE.
SIGNAGE TO READ "HAZARDOUS CLASS 1, ZONE 2 LOCATION ALL ELECTRICAL EQUIPMENT MUST BE HAZARDOUS RATED."
- EXIT SIGNAGE
SIGNAGE TO READ "NOT AN EXIT"
- EXIT TYPE

CONSTRUCTION NOTES	
1	UPGRADE THE EXISTING WET WELL AND WET WELL FOYER ELECTRICAL INSTALLATION TO MEET CLASS 1, ZONE 2 REQUIREMENTS.
2	UPGRADE THE EXISTING SCREEN ROOM AND TRUCK BAY ELECTRICAL INSTALLATION TO MEET CLASS 1, ZONE 2 REQUIREMENTS.
3	UPGRADE THE EXISTING GRIT TANK ROOM ELECTRICAL INSTALLATION TO MEET CLASS 1, ZONE 2 REQUIREMENTS.
4	UPGRADE THE EXISTING PRIMARY CLARIFIER 1 & 2 FAN ROOM ELECTRICAL INSTALLATION TO MEET CLASS 1, ZONE 2 REQUIREMENTS.
5	UPGRADE THE EXISTING PRIMARY CLARIFIER 3 FAN ROOM ELECTRICAL INSTALLATION TO MEET CLASS 1, ZONE 2 REQUIREMENTS.
6	UPGRADE THE EXISTING DRYWELL MECHANICAL ROOM ELECTRICAL INSTALLATION WITHIN 0.9 METERS OF THE EXHAUST FANS AND ASSOCIATED EXHAUST DUCT WORK TO MEET CLASS 1, ZONE 2 REQUIREMENTS.
7	UPGRADE THE EXISTING SERVICE BUILDING MECHANICAL ROOM ELECTRICAL INSTALLATION WITHIN 0.9 METERS OF THE EXHAUST FANS AND ASSOCIATED EXHAUST DUCT WORK TO MEET CLASS 1, ZONE 2 REQUIREMENTS.
8	NEW WORK REQUIRED FOR THE ELECTRICAL CLASSIFICATION UPGRADES IS SHOWN IN BOLD ON PLAN LAYOUT DRAWINGS.

DRAWING NUMBER	REFERENCE DRAWINGS
1-0102G-E0012	WET WELL AND DRY WELL
1-0102G-E0013	GRIT BUILDING LOWER LEVEL
1-0102G-E0014	GRIT BUILDING MAIN LEVEL
1-0102G-E0015	WET WELL AND FOYER
1-0102G-E0016	GRIT BUILDING UPPER LEVEL
1-0102B-E0010	SERVICE BUILDING UPPER LEVEL
1-0102P-E0014	PRIMARY CLARIFIERS MAIN LEVEL

APECM
 Certificate of Authorization
 SNC-Lavalin Inc.
 No. 4489

NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER, BID OPP. 7-2012	2012/02/08	TMC	CJR

SNC-LAVALIN INC.
 148 Nature Park Way
 Winnipeg, MB, Canada R3P 0X7
 204-786-8080

DESIGNED BY: T. CHURCH
 CHECKED BY: C. REIMER
 DRAWN BY: S. FUNK
 APPROVED BY: C. REIMER
 SCALE: 1 : 400
 RELEASED FOR CONSTRUCTION BY: N. HARRINGTON
 DATE: 2011/07/06
 DATE: 2012/02/15
 CONSULTANT NO.: 112577-0113-47DD-0000

ENGINEER'S SEAL
 ORIGINAL DRAWING
 SEALED BY:
 T. M. CHURCH
 SNC-LAVALIN
 MEMBER # 32682
 2012/02/27
 REV. 00

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
 ELECTRICAL CLASSIFICATION UPGRADES
 PARTIAL MAIN FLOOR PLAN
 AND LEGEND

CITY DRAWING NUMBER: 1-0102A-E0009
 SHEET: 001
 REV: 00
 SIZE: A1