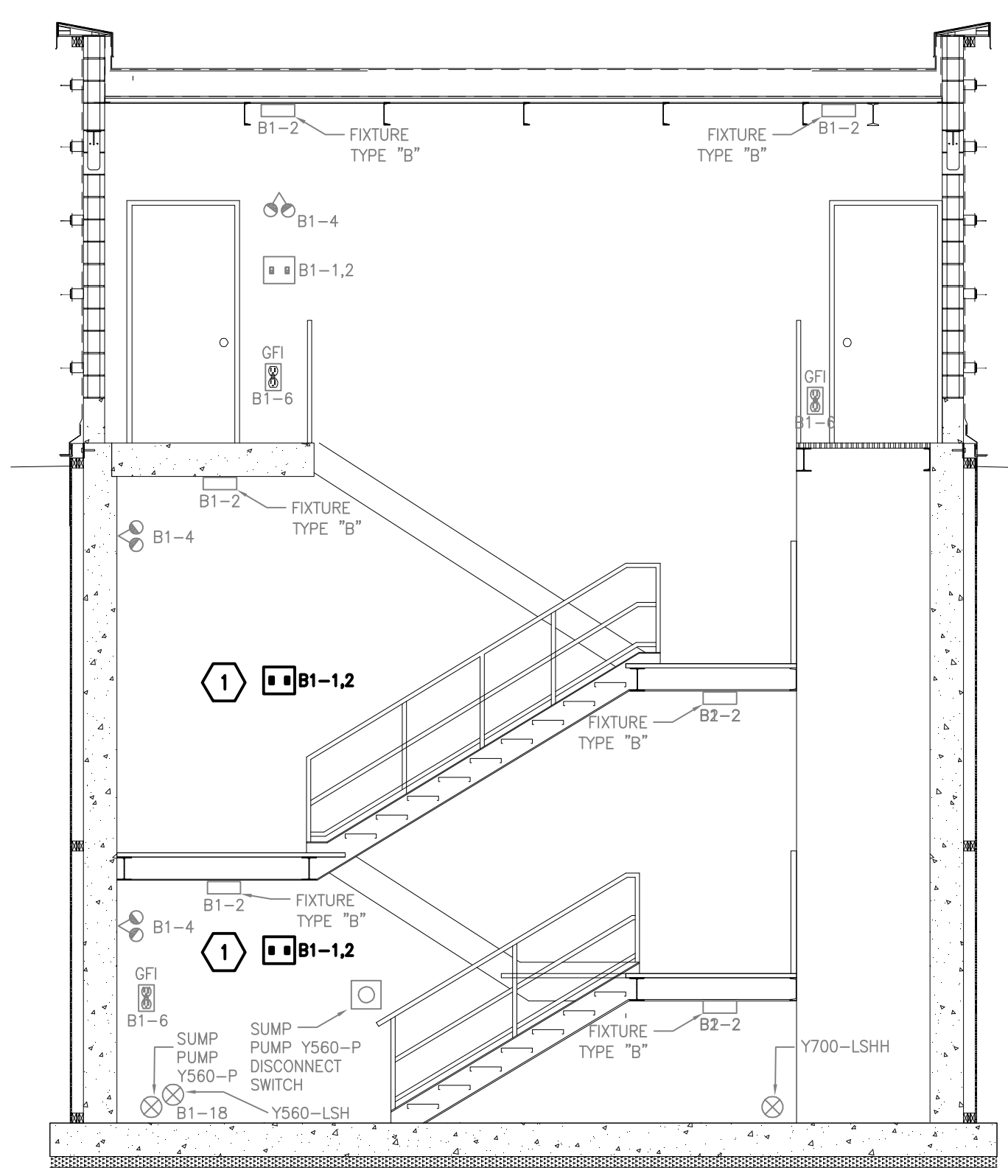


1 HAULED WASTEWATER BUILDING NO. 1 - FLOOR PLAN
E0001 1:20 (FORMERLY HAULED WASTEWATER BUILDING)

2 HAULED WASTEWATER BUILDING NO. 2 - FLOOR PLAN
E0001 1:20 (FORMERLY LEACHATE RECEIVING BUILDING)



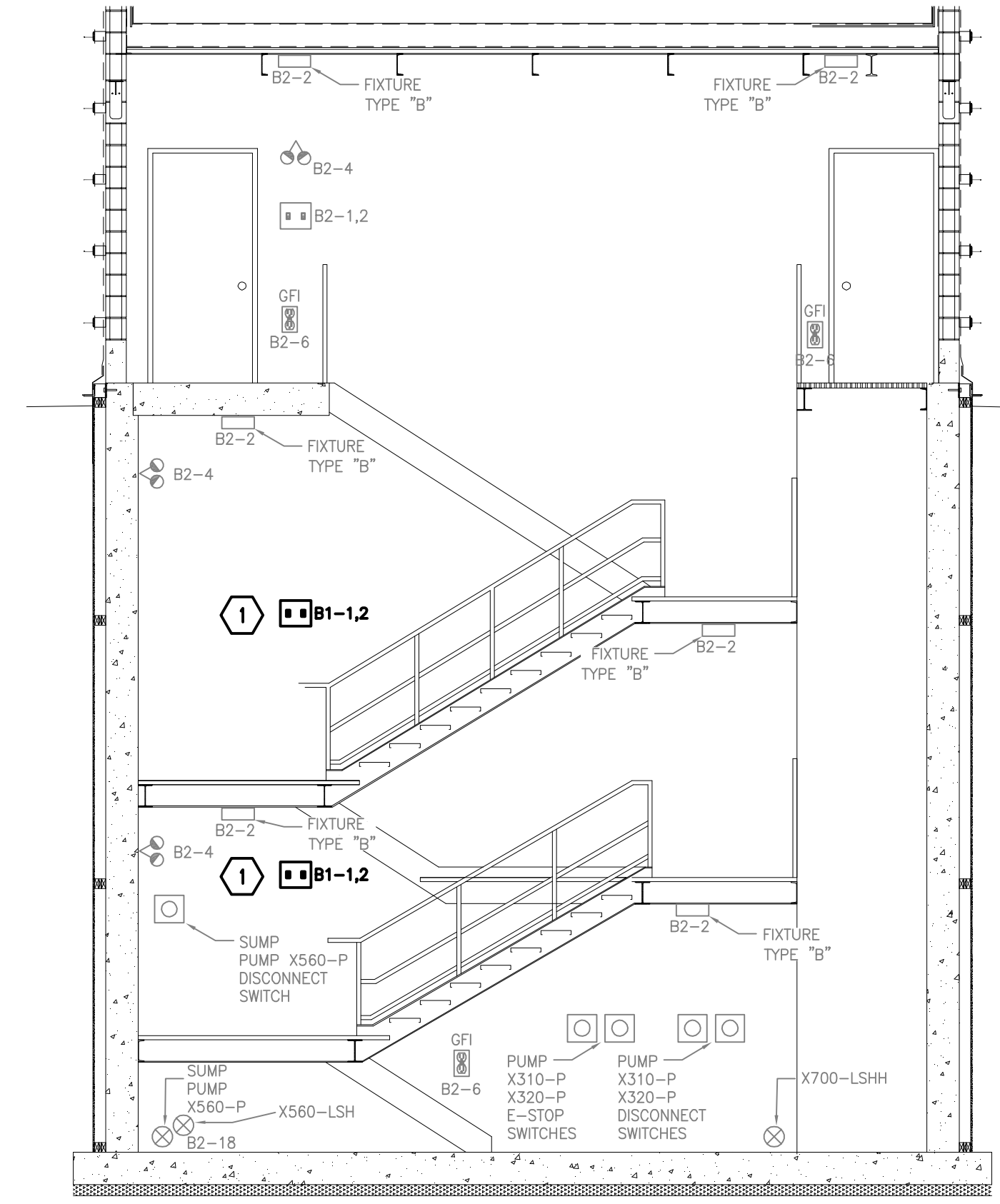
3 HAULED WASTEWATER BUILDING NO. 1 - SECTION
E0001 1:20 (FORMERLY HAULED WASTEWATER BUILDING)

- LEGEND**
- DUPLEX RECEPTACLE
 - GFI RECEPTACLE
 - TELEPHONE OUTLET
 - COMPUTER OUTLET
 - 125V, 15A, SIMPLEX RECEPTACLE (EEMAC 5-15R)
 - 125V, 15A, DUPLEX RECEPTACLE (EEMAC 5-15R)
 - 250V, 15A RECEPTACLE (EEMAC 6-15R)
 - 250V, 20A RECEPTACLE (EEMAC 6-20R)
 - 250V, 30A RECEPTACLE (EEMAC 6-20R)
 - SECURITY CAMERA
 - DOOR CONTACT
 - ALARM KEYPAD
 - ISOLATOR MODULE
 - EQUIPMENT OR CONNECTION
 - SINGLE POLE WALL SWITCH
 - 3 WAY WALL SWITCH
 - VARIABLE SPEED SWITCH
 - PILOT LIGHT SWITCH
 - DISCONNECT SWITCH
 - UNIT HEATER
 - THERMOSTAT
 - BASEBOARD HEATER
 - EMERGENCY LIGHT FIXTURE
 - DUAL LAMP REMOTE HEAD
 - LUMINAIRE
 - MOTOR
 - MOTORIZED DAMPER

NOTE:

- PROVIDE LIGHT SWITCHES AT INTERMEDIATE AND LOWER LEVELS OF BUILDING TO CONTROL EXISTING INTERIOR LIGHTING.
- PROVIDE ONE CABINET PER BUILDING FOR I/O EXTENSION FOR THE EXISTING CONTROL PANELS. EACH CABINET SHALL BE CONSTRUCTED TO MATCH THE NEW LEACHATE BUILDING CONTROL PANEL EXCEPT THEY SHALL CONTAIN MODICON X80 I/O RACK, MINIMUM 8 SLOTS, AND NO PLC, WITH DIMENSIONS TO SUIT. PROVIDE 16 DI, 16 DO, 8 AI, 8 AO, AND TERMINAL BLOCKS, PLUS SPACE FOR 30X SPARE TERMINALS. MOUNT THE PANELS WHERE THE SNOW MELT CONTROLLERS AND SAMPLER CONTROLLERS ARE BEING REMOVED. PROVIDE 120VAC POWER FROM THE EXISTING LOCAL CONTROL PANELS. PROVIDE MODULE IN EXISTING RACK TO ACCOMMODATE REMOTE I/O EXTENSION ADAPTOR. IN HAULED WASTEWATER BUILDING 1, MAKE SPACE IN THE EXISTING PLC RACK FOR THE I/O EXTENSION ADAPTOR BY RELOCATING ONE EXISTING I/O CARD WITH 4 ANALOG OUTPUTS TO THE NEW REMOTE I/O RACK. WIRE THE ASSOCIATED SIGNALS TO THE NEW REMOTE I/O AND RECONFIGURE CONTROLLER TO SUIT NEW ADDRESSES. IN HAULED WASTEWATER BUILDING 2 THERE IS SPACE FOR THE I/O EXTENSION ADAPTOR IN THE EXISTING RACKS.

GENERAL NOTE:
THE CONTRACTOR SHALL REVISE TAGGING ON ALL EXISTING EQUIPMENT IN HAULED WASTEWATER BUILDING 2.



4 HAULED WASTEWATER BUILDING NO. 2 - SECTION
E0001 1:20 (FORMERLY LEACHATE RECEIVING BUILDING)

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 140/92 FOR DETAILS

APEGM
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

LOCATION APPROVED UNDERGROUND STRUCTURES		B.M. ELEV.
SUPV. U/G STRUCTURES COMMITTEE	DATE	
NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.		
NO.	REVISIONS	DATE BY
4	ISSUED FOR ADDENDUM #4	16.04.06 D.R.
3	ISSUED FOR TENDER	16.03.09 D.R.
2	ISSUED FOR TENDER REVIEW	16.03.07 D.R.
1	ISSUED FOR 95% REVIEW	16.01.29 D.R.

Stantec
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www.stantec.com

DESIGNED BY: D.R. CHECKED BY: S.T.
DRAWN BY: Q.H.L. APPROVED BY: S.K.B.

HOR. SCALE: RELEASED FOR CONSTRUCTION:
VERTICAL: DATE

DATE: 2016.01.12

ENGINEER'S SEAL

ORIGINAL SEALED BY
D.L. ROBINSON
P. ENG.
16/03/09

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

Winnipeg

NORTH END SEWAGE TREATMENT PLANT (NEWPC)
HAULED LIQUID WASTE FACILITY PHASE II UPGRADE

HAULED WASTEWATER BUILDINGS 1 & 2
ELECTRICAL FLOOR PLANS & SECTIONS

TENDER NO. 952-2015 CITY DRAWING NUMBER I-OIOIY-E0001-001 SHEET 2 OF 4