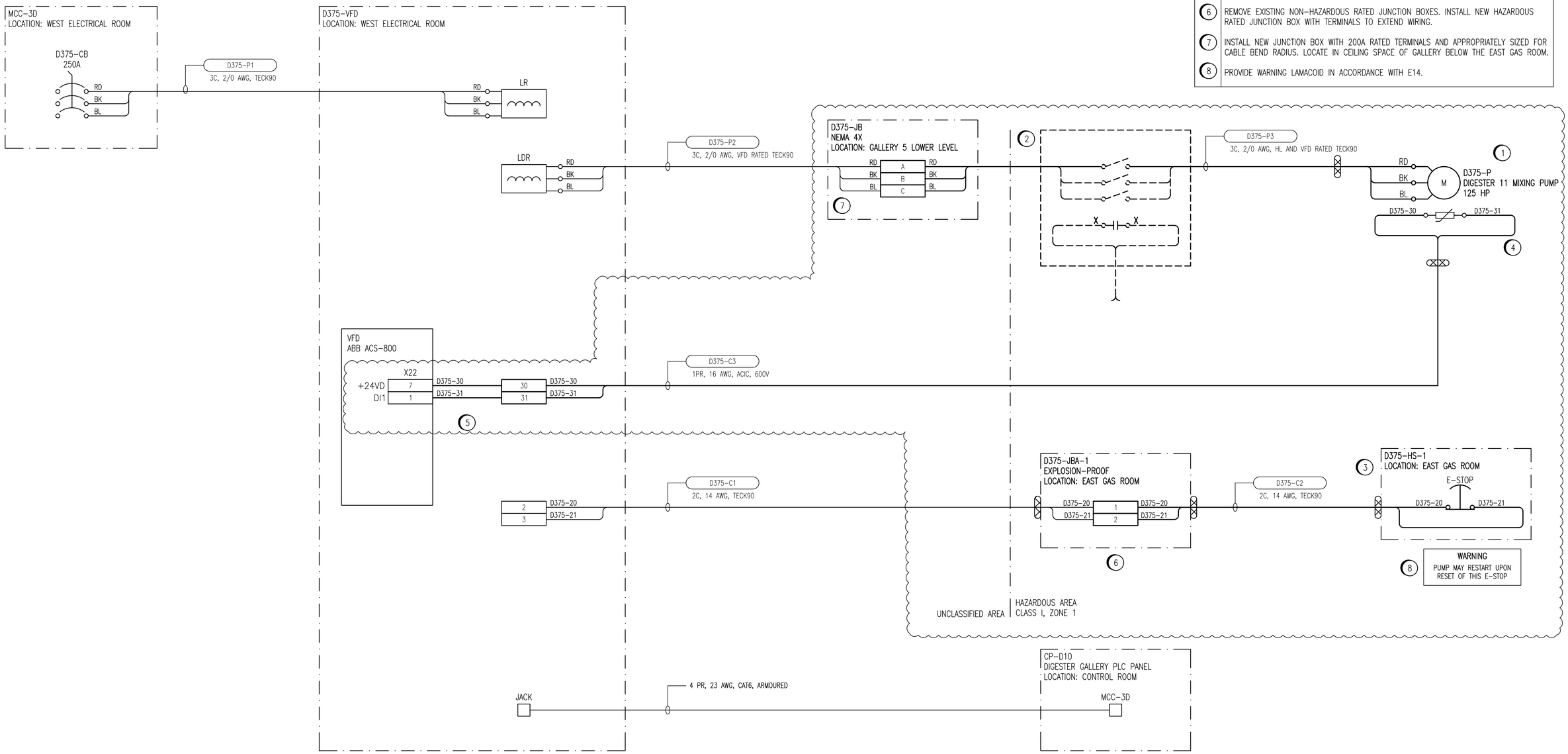
CONSTRUCTION NOTES:

1. REPLACE EXISTING MOTOR WITH NEW EXPLOSION–PROOF MOTOR.
2. DISCONNECT AND SALVAGE DISCONNECT SWITCH. REMOVE AUXILIARY CONTACT WIRING CURRENTLY INTEGRATED INTO E–STOP CIRCUIT.
3. INSTALL NEW EXPLOSION–PROOF EMERGENCY STOP SWITCH. RE–WIRE AS SHOWN.
4. RUN NEW CABLE AND CONNECT THERMISTOR WIRING AS SHOWN.
5. MODIFY VFD CABINET AS SHOWN. INSTALL DIN RAIL AND WIRING DUCT AS REQUIRED. SET VFD PARAMETERS AS REQUIRED AND COMMISSION.
6. REMOVE EXISTING NON–HAZARDOUS RATED JUNCTION BOXES. INSTALL NEW HAZARDOUS RATED JUNCTION BOX WITH TERMINALS TO EXTEND WIRING.
7. INSTALL NEW JUNCTION BOX WITH 200A RATED TERMINALS AND APPROPRIATELY SIZED FOR CABLE BEND RADIUS. LOCATE IN CEILING SPACE OF GALLERY BELOW THE EAST GAS ROOM.
8. PROVIDE WARNING LAMACOID IN ACCORDANCE WITH E14.



LEGEND

HAZARDOUS RATED SEAL

NOTES:
1. THIS DRAWING IS BASED UPON SHOP DRAWING 14384C–D375

REFERENCE DRAWING	DESCRIPTION
1-0101D-A0113-002	INSTRUMENT LOCATION PLAN - EAST GAS ROOM
1-0101D-E0020-001	WEST ELECTRICAL ROOM LAYOUT
1-0101D-E0023-001	ELECTRICAL PLAN LAYOUT - EAST GAS ROOM

REVISION 00
THE ENGINEER'S DESIGN RESPONSIBILITIES ARE LIMITED TO THE CHANGES INDICATED IN THE CLOUDED WORK

DESIGNED BY:	C. REIMER	CHECKED BY:	–
DRAWN BY:	S. FUNK	APPROVED BY:	–
DATE:	2019–06–17		

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
CENGYS Ltd.
No. 6983

LOCATION APPROVED
UNDERGROUND STRUCTURES

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 INDIVDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M. ELEV.

NO.	REVISIONS	DATE	BY
00	ISSUED FOR CONSTRUCTION	2019–08–01	SLF

CENGYS

DESIGNED BY	C. REIMER	CHECKED BY	C. REIMER
DRAWN BY	S. FUNK	APPROVED BY	C. REIMER
HOR. SCALE:	–	RELEASED FOR CONSTRUCTION:	K. SCHIMKE
VERTICAL:			
DATE	2019–05–20	DATE	2019–08–01

ENGINEER'S SEAL
PROVINCE OF MANITOBA
REIMER
Member
21968
REGISTERED PROFESSIONAL ENGINEER
2019-08-02

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

NORTH END SEWAGE TREATMENT PLANT

CONNECTION DIAGRAM
VFD–D375
MIXING PUMP

BID OPPORTUNITY NO.	CITY DRAWING NUMBER	SHEET	OF
630–2019	1–0101D–E0025–001	10	44