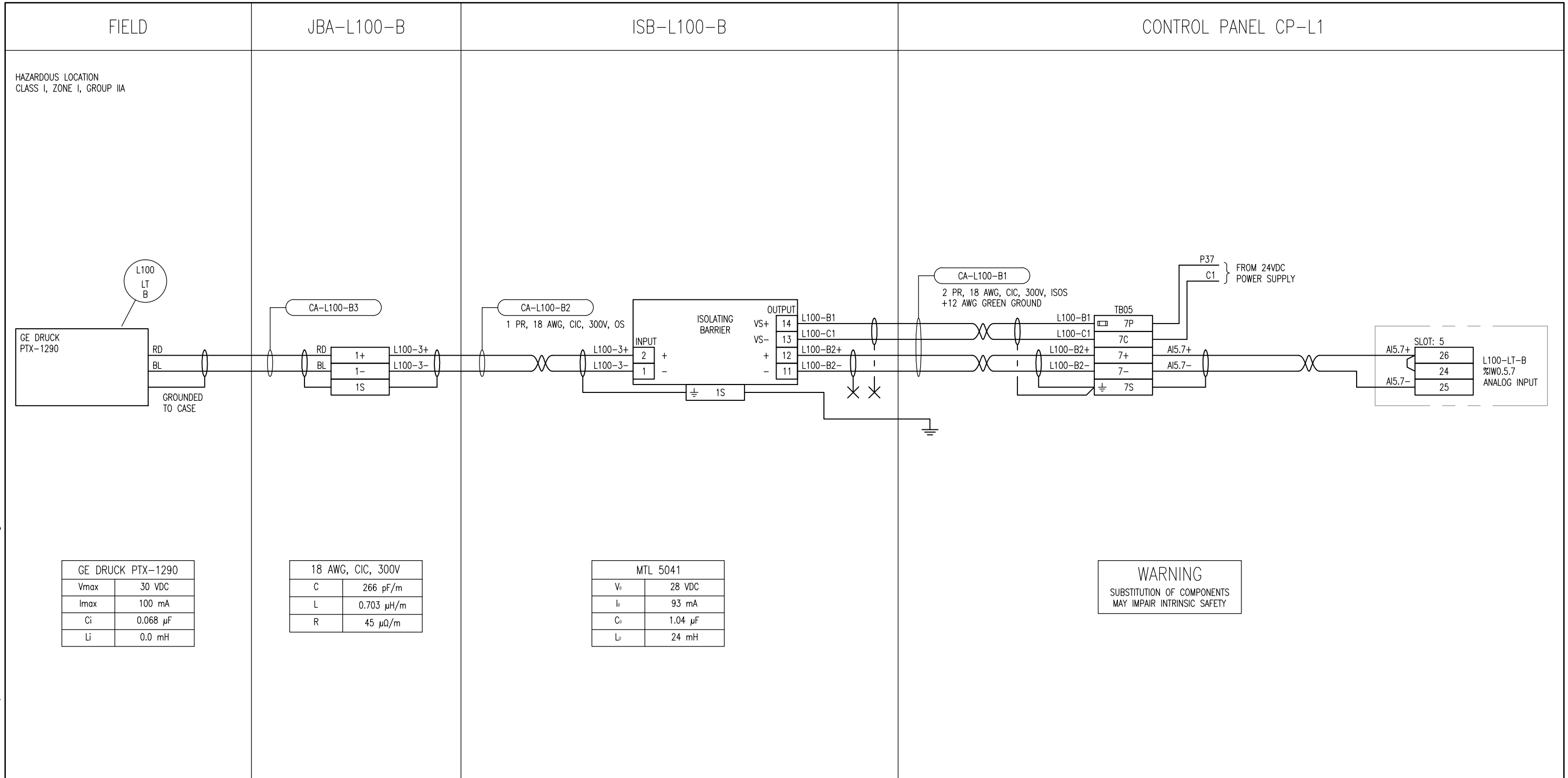


B SIZE - 279mm x 432mm

LAST SAVE: 2010/10/04 - 1:56pm
 PATH: M:\113368\4ENG\48&C\DD - General DWG\1-0159L-A0021-001-00.dwg



GE DRUCK PTX-1290	
V _{max}	30 VDC
I _{max}	100 mA
C _i	0.068 µF
L _i	0.0 mH

18 AWG, CIC, 300V	
C	266 pF/m
L	0.703 µH/m
R	45 µΩ/m

MTL 5041	
V ₀	28 VDC
I ₀	93 mA
C ₀	1.04 µF
L ₀	24 mH

WARNING
 SUBSTITUTION OF COMPONENTS
 MAY IMPAIR INTRINSIC SAFETY

NOTES

- THE MAXIMUM CABLE VALUES BETWEEN THE LEVEL SENSOR AND BARRIER ARE:
 C: 0.98 µF
 L: 24 mH
- DC POWER SUPPLY LOAD: 70 mA @ 24 VDC.
- PROVIDE LABELING TO IDENTIFY INTRINSICALLY SAFE WIRING.
- THE INSTALLATION IS TO BE IN ACCORDANCE WITH CSA 22.1-2009 SECTION 18 AND ISA RP12.06.01-2003.

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

NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER	2010/09/29	BC	CJR

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

DESIGNED BY: C. REIMER	CHECKED BY: C. REIMER
DRAWN BY: S. FUNK	APPROVED BY: C. REIMER
SCALE: N.T.S.	DATE: 2010/09/28
RELEASED FOR CONSTRUCTION BY: K. ZUREK	DATE: 2010/10/04
CONSULTANT NO.: 113368-0000-48DD-0021	

ENGINEER'S SEAL

ORIGINAL DRAWING
 SEALED BY:
 C. REIMER
 SNC-LAVALIN INC.
 2010/10/04
 REV. 00

BID OPPORTUNITY:
 760-2010

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

MARION WASTEWATER PUMPING STATION
 INSTALLATION OF PUMPING UNITS & BUILDING UPGRADES
 LOOP DIAGRAM
 WET WELL LEVEL SENSOR
 L100-LT-B

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0159L-A0021	001	00	B