

SLOT	0	1	2	3	4	5	6	7	8	9
POWER SUPPLY										
PROCESSOR	1747-L553	1746-IA16	1746-IA16	1746-IX8	1746-IX8	1746-NI8	1746-NO41	1746-IV8	1746-IV8	SPACE

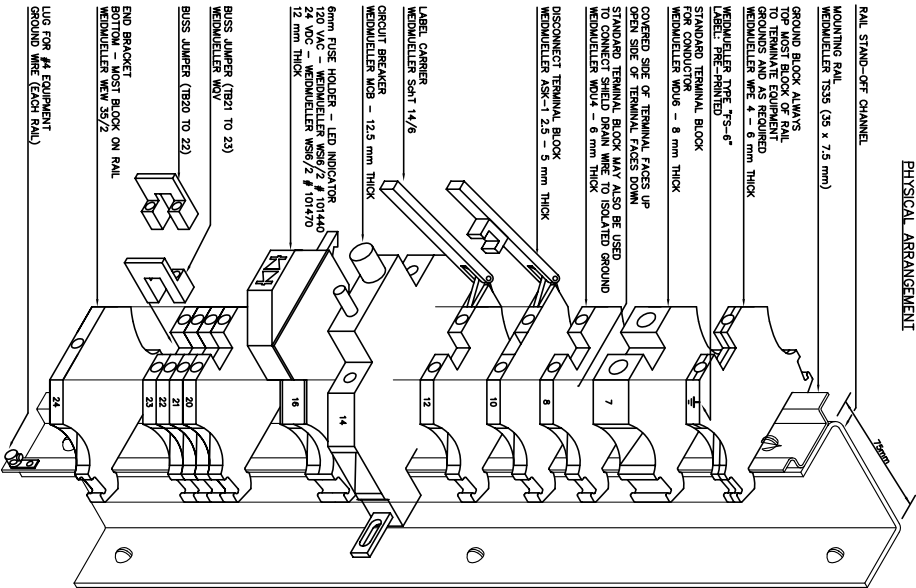
3
N.T.S.

PLC SYSTEM RACK LAYOUT

TERMINAL BLOCK ASSEMBLY
CABINET DRAWING REPRESENTATION

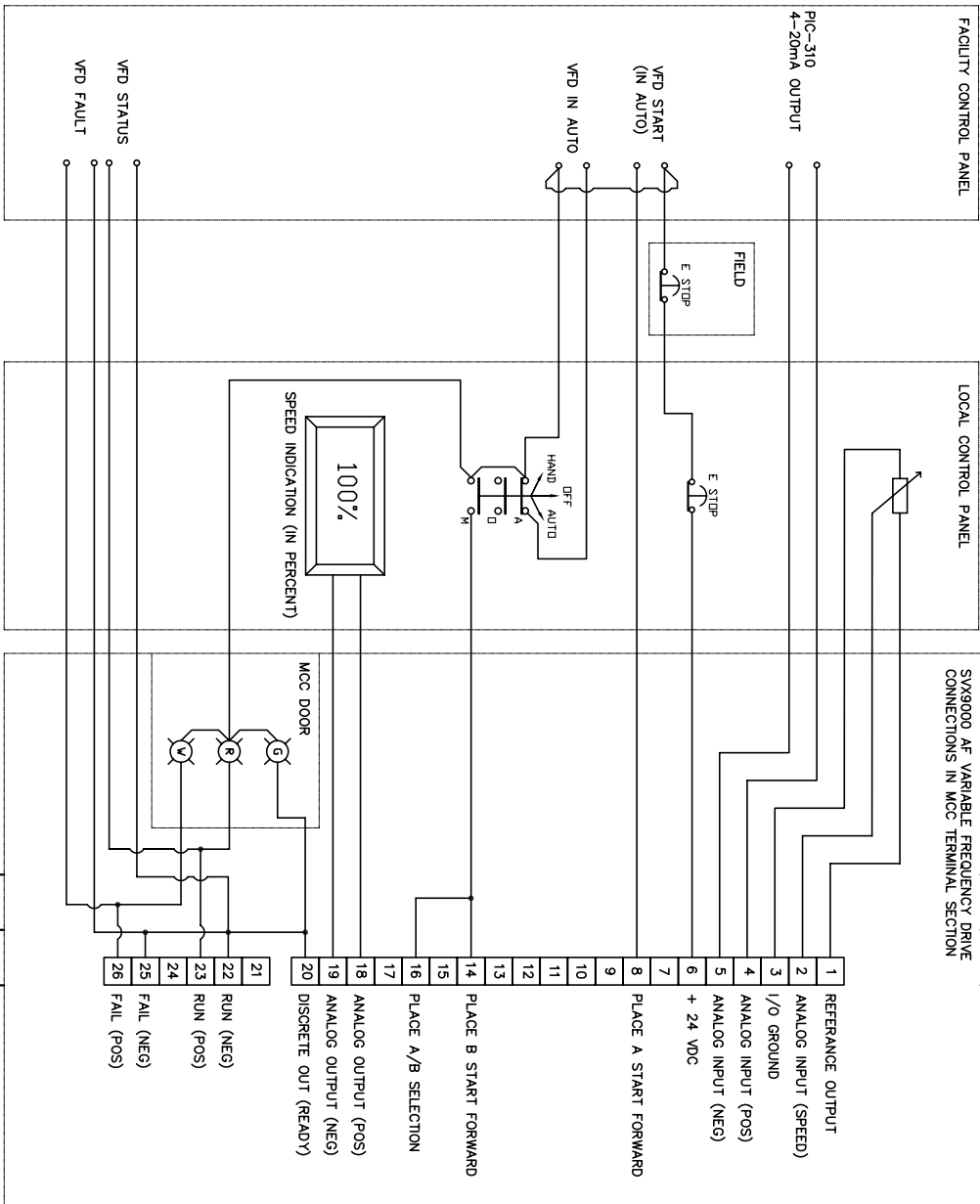
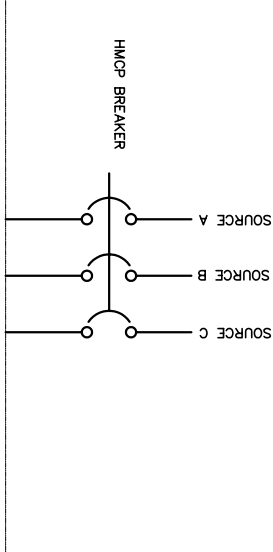
TERMINAL BLOCK ASSEMBLY CABINET DRAWING REPRESENTATION	TERMINAL BLOCK ASSEMBLY PHYSICAL ARRANGEMENT
1 GROUND BLOCK	GROUND BLOCK ALWAYS TOP MOST BLOCK OF RAIL TO BE USED FOR ALL GROUNDING AND AS REQUIRED
6 POWER	WEDGEMULLER WFE 4 - 6 mm THICK
7 TERMINAL BLOCK	WEDGEMULLER WFE 4 - 6 mm THICK
8 TERMINAL BLOCK	WEDGEMULLER WFE 4 - 6 mm THICK
9 TERMINAL BLOCK	WEDGEMULLER WFE 4 - 6 mm THICK
10 DISCONNECT	WEDGEMULLER WFE 4 - 6 mm THICK
11 TERMINAL BLOCK	WEDGEMULLER WFE 4 - 6 mm THICK
12 LUG CARRIER ON TERMINAL 12 TO FIELD 10A-10A	WEDGEMULLER WFE 4 - 6 mm THICK
13	WEDGEMULLER WFE 4 - 6 mm THICK
14 5A CIRCUIT BREAKER	WEDGEMULLER WFE 4 - 6 mm THICK
15	WEDGEMULLER WFE 4 - 6 mm THICK
16 FUSE HOLDER WITH 1A FUSE	WEDGEMULLER WFE 4 - 6 mm THICK
17	WEDGEMULLER WFE 4 - 6 mm THICK
18	WEDGEMULLER WFE 4 - 6 mm THICK
19	WEDGEMULLER WFE 4 - 6 mm THICK
20 LEFT SIDE BUSS JUMPER	WEDGEMULLER WFE 4 - 6 mm THICK
21 RIGHT SIDE BUSS JUMPER	WEDGEMULLER WFE 4 - 6 mm THICK
22	WEDGEMULLER WFE 4 - 6 mm THICK
23	WEDGEMULLER WFE 4 - 6 mm THICK
24	WEDGEMULLER WFE 4 - 6 mm THICK

- NOTES:
- ENGINEERING APPROVAL REQUIRED FOR SUBSTITUTION OR ADDITIONS.
 - ALL MATERIAL (INCLUDING FUSES) TO BE SUPPLIED BY CONTRACTOR.
 - TOP MOST TERMINAL IN TERMINAL BLOCK TO BE GROUND BLOCK. END BRACKET NOT REQUIRED AT TOP.
 - BOTTOM MOST TERMINAL IN TERMINAL BLOCK TO BE END BRACKET.
 - EACH TERMINAL BLOCK WITHIN A CABINET TO HAVE A UNIQUE TERMINAL NUMBER. TYPICALLY OF BLOCKS START AT JUMPER 1.
 - LIVE SIDE OF FUSED TERMINAL BLOCK ON LEFT OR TOP SIDE ONLY.
 - FUSE SIZE TO BE 6 x 32



2
N.T.S.

MARSHALLING TERMINAL COMPONENTS



4
N.T.S.

MOTOR STARTER SCHEMATIC PUMPS P-102, P-103, & P-104

PERMIT TO PRACTICE
EARTH TECH (CANADA) INC.
Signature _____
Date _____
PERMIT NUMBER: P 005
The Association of Professional Engineers,
Geologists and Geophysicists of the NW/NU

Stamp

No.	Date	Description
0	2005 02/04	ISSUED FOR TENDER
REVISIONS		

Iqaluit
CITY of IQALUIT,
Nunavut

Design	TDC
Drawn	TDC
Approved	
Checked	
Project Title	
CITY of IQALUIT WASTEWATER TREATMENT PLANT PHASE 1	
Drawing Title	
CONTROL SYSTEM SCHEMATICS AND DETAILS	
Scale	Date
N.T.S.	
Project No.	75360
Drawing No.	0