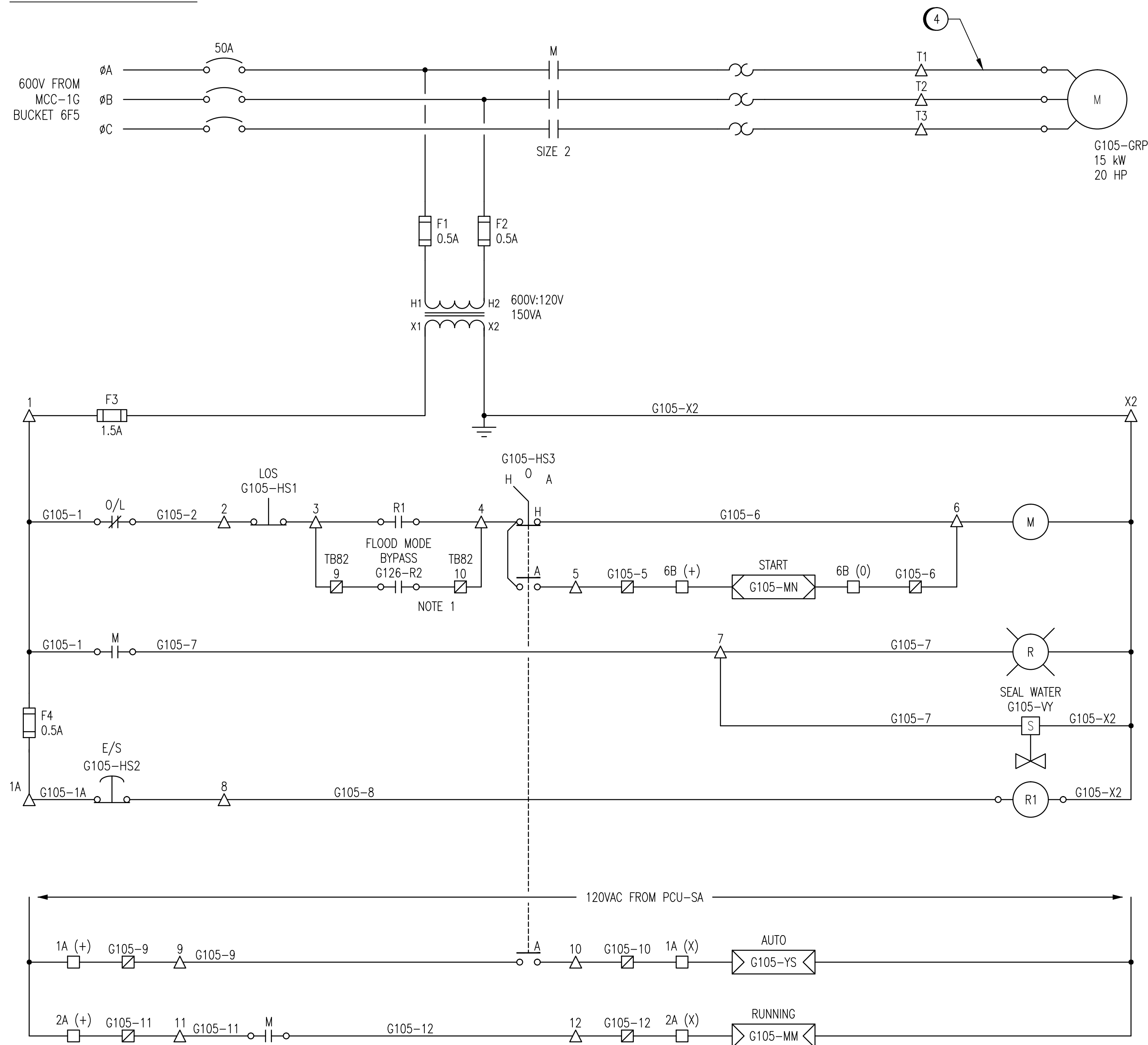


ELEMENTARY DIAGRAM:



- CONSTRUCTION NOTES:**
- 1 THE MOTOR IS EXISTING. MODIFY AND/OR REPLACE MCC BUCKET. WIRE STARTER AND FDP-G AS SHOWN.
 - 2 RE-USE EXISTING CONDUIT FROM STARTER TO G105-HS1.
 - 3 RE-USE EXISTING CONDUCTORS FROM MCC-1G TO FDP-G.
 - 4 RE-USE EXISTING CONDUCTORS FROM STARTER TO MOTOR.
 - 5 RENAME EXISTING TERMINALS.
 - 6 ADDITIONAL RW90 IN CONDUIT MAY BE UTILIZED, PROVIDED CONDUIT FILL IS ACCEPTABLE.

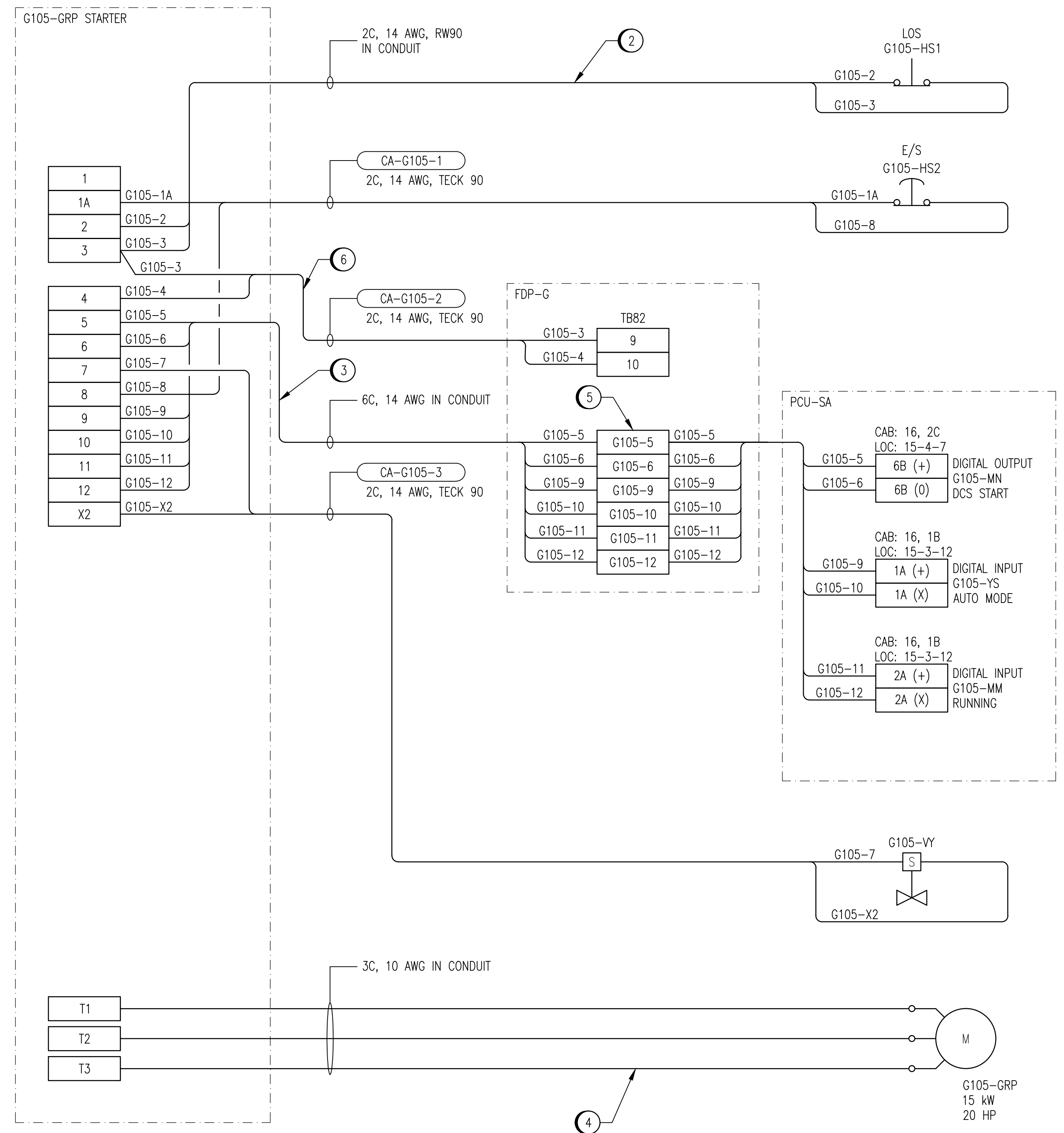
LEGEND:

△	MCC TERMINAL
□	FDP-G TERMINAL
□	DCS CABINET TERMINAL
◀▶	DCS OUTPUT
▶◀	DCS INPUT

NOTES:

1. FLOOD MODE BYPASSES PUMP E/S IN FLOOD SITUATION. SEE DRAWING 1-0102G-A0080.
2. THIS DRAWING SUPERCEDES SEP-2024.

FIELD CONNECTION DIAGRAM:



DRAWING NUMBER	REFERENCE DRAWINGS
----------------	--------------------

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

<p>SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080</p>		<p>ENGINEER'S SEAL</p>
<p>DESIGNED BY: T. CHURCH DRAWN BY: S. COATES SCALE: N.T.S. DATE: 2010/08/18 CONSULTANT NO.: 112577-0112-47DD-0005</p>	<p>CHECKED BY: C. REIMER APPROVED BY: C. REIMER RELEASED FOR CONSTRUCTION BY: J. VEILLEUX DATE: 2010/10/01</p>	<p>ORIGINAL DRAWING SEALED BY: T. CHURCH SNC-LAVALIN INC. 2010/10/01 REV. 00</p>
<p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT</p>		
<p>SOUTH END WATER POLLUTION CONTROL CENTRE HEADWORKS UPGRADES MOTOR SCHEMATIC G105-GRP GRIT REMOVAL PUMP</p>		
<p>CITY DRAWING NUMBER 1-0102G-E0027</p>	<p>SHEET 001</p>	<p>REV. 00</p>
<p>SIZE A1</p>		<p>1-0102G-E0027-001-00.dwg</p>