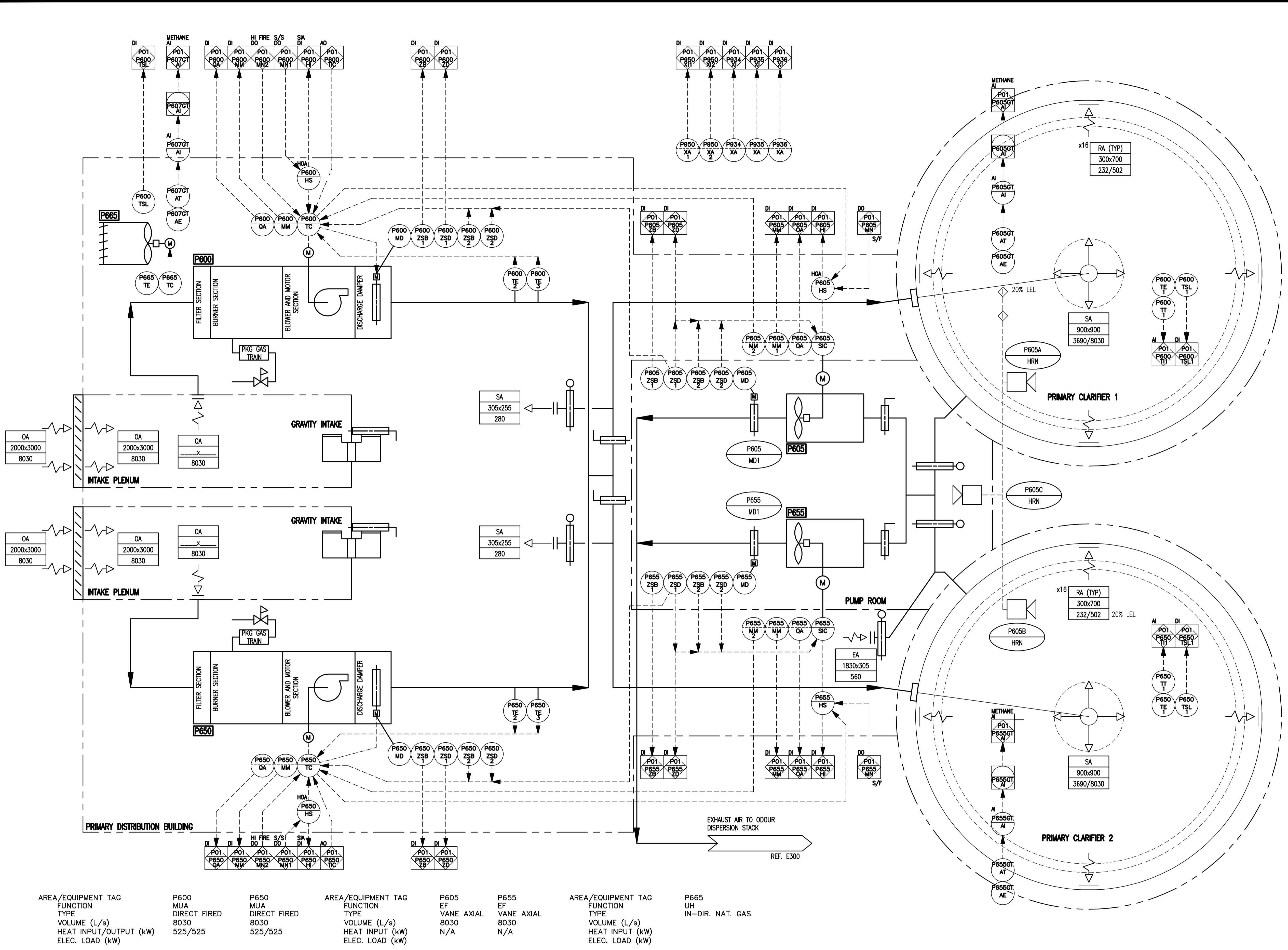


CW-10-M660-1
 F:\Projects\2009\09-0754-08_DocControl\ToBeIssued\DWG\ELECTRICAL\1-0103P-P0004-001-Rev 00.dwg - Tab: 1-0103P-P0004-001 Plotted By: G.Nelson 12/16/2010 [Thu 4:55pm]



DEVICE LISTING

TAG	DESCRIPTION
NON-PACKAGED	
P600-TSL	LOW TEMPERATURE SWITCH FOR DISTRIBUTION BLDG. ALARM HORNS FOR PRIMARY CLARIFIERS 1, 2 AND PUMP ROOM
P605GT-AE/AT	METHANE GAS DETECTOR FOR DISTRIBUTION BLDG. GAS DETECTION PANEL
P607GT-AI	P600/P605 SYSTEM HAND/OFF/AUTO SWITCH
P600-HS	TEMPERATURE ELEMENT FOR PRIMARY CLARIFIER 1
P600-TE/TT-1	LOW TEMPERATURE SWITCH FOR PRIMARY CLARIFIER 1
P600-TSL-1	P650/P655 SYSTEM HAND/OFF/AUTO SWITCH
P650-HS	TEMPERATURE ELEMENT FOR PRIMARY CLARIFIER 2
P650-TE/TT-1	LOW TEMPERATURE SWITCH FOR PRIMARY CLARIFIER 2
PACKAGED	
P605-HS	EXHAUST FAN P605 HAND/OFF/AUTO SWITCH
P605-SIC	EXHAUST FAN P605 VFD
P605-MM-1/2	EXHAUST FAN P605 VFD RUN STATUS
P605-QA	EXHAUST FAN P605 VFD FAULT ALARM
P605-MD	EXHAUST FAN P605 DAMPER ACTUATOR
P605-ZSD-1/2	OPEN LIMIT SWITCH FOR EXHAUST FAN P605 DAMPER
P605-ZSB-1/2	CLOSED LIMIT SWITCH FOR EXHAUST FAN P605 DAMPER
P655-HS	EXHAUST FAN P655 HAND/OFF/AUTO SWITCH
P655-SIC	EXHAUST FAN P655 VFD
P655-MM-1/2	EXHAUST FAN P655 VFD RUN STATUS
P655-QA	EXHAUST FAN P655 VFD FAULT ALARM
P655-MD	EXHAUST FAN P655 DAMPER ACTUATOR
P655-ZSD-1/2	OPEN LIMIT SWITCH FOR EXHAUST FAN P655 DAMPER
P655-ZSB-1/2	CLOSED LIMIT SWITCH FOR EXHAUST FAN P655 DAMPER
P665-TC	UNIT HEATER P665 TEMPERATURE CONTROLLER
P665-TE	UNIT HEATER P665 TEMPERATURE ELEMENT
P950-XA1	PLC PANEL 24 VDC POWER SUPPLY STATUS NO.1
P950-XA2	PLC PANEL 24 VDC POWER SUPPLY STATUS NO.2
P934-XA	PLC PANEL UTILITY POWER STATUS
P935-XA	PLC PANEL UPS STATUS
P936-XA	PLC PANEL ETHERNET SWITCH STATUS
NON-PACKAGED	
P600-MM	CURRENT SENSING RELAY FOR MUA P600 BLOWER MOTOR
P600-TC	MUA P600 TEMPERATURE CONTROLLER
P600-MD	MUA P600 DISCHARGE DAMPER ACTUATOR
P600-ZSD-1/2	OPEN LIMIT SWITCH FOR MUA P600 DISCHARGE DAMPER
P600-ZSB-1/2	CLOSED LIMIT SWITCH FOR MUA P600 DISCHARGE DAMPER
P600-TE2	TEMPERATURE ELEMENT FOR MUA UNIT
P600-TE3	MUA P600 FREEZE PROTECTION
P600-MN1	MUA P600 START/ STOP
P600-MN2	MUA P600 HIGH FIRE
P600-QA	MUA P600 DAMPER FAILURE
P650-TC	MUA P650 TEMPERATURE CONTROLLER
P650-MM	CURRENT SENSING RELAY FOR MUA UNITS BLOWER MOTOR
P650-MD	MUA P650 DISCHARGE DAMPER ACTUATOR
P650-ZSD-1/2	OPEN LIMIT SWITCH FOR MUA P650 DISCHARGE DAMPER
P650-ZSB-1/2	CLOSED LIMIT SWITCH FOR MUA P650 DISCHARGE DAMPER
P650-TE2	TEMPERATURE ELEMENT FOR MUA UNIT
P650-TE3	MUA P650 FREEZE PROTECTION
P650-MN1	MUA P650 START/ STOP
P650-MN2	MUA P650 HIGH FIRE
P650-QA	MUA P650 DAMPER FAILURE

AREA/EQUIPMENT TAG	FUNCTION	TYPE	VOLUME (L/s)	HEAT INPUT/OUTPUT (kW)	ELEC. LOAD (kW)
P600	MUA	DIRECT FIRED	8030	525/525	
P650	MUA	DIRECT FIRED	8030	525/525	
P605	EF	VANE AXIAL	8030	N/A	
P655	EF	VANE AXIAL	8030	N/A	
P665	UH	IN-DIR. NAT. GAS			

GENERAL NOTES

B.M. ELEV. _____ FIELD BOOK # _____
 POSTED TO LISB _____
 DESIGNED BY DD/DDW CHECKED BY REW
 DRAWN BY DD/GCN APPROVED BY REW
 HOR. SCALE N.T.S. RELEASED FOR CONSTRUCTION
 VERTICAL N.T.S.
 00 ISSUED FOR TENDER 2010-12-21 REW
 NO. REVISIONS DATE BY DATE 2010-02-23 DATE

ALLIANCE
 Engineering Services Inc.
 ENGINEER'S SEAL
 R.E. WILLMS
 Member 3833
 TENDER No. PP2.1
 FILENAME: 1-0103P-P0004-001-Rev 00
 PLOT DATE: 2010/12/16

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 2010 HVAC REPLACEMENT
 AND ASSOCIATED WORKS
WEWCC
 AREA P - PRIMARY CLARIFIERS 1 & 2
 PROCESS & INSTRUMENTATION DIAGRAM

SHEET 1 OF 1
 CITY DRAWING NUMBER
 1-0103P-P0004-001