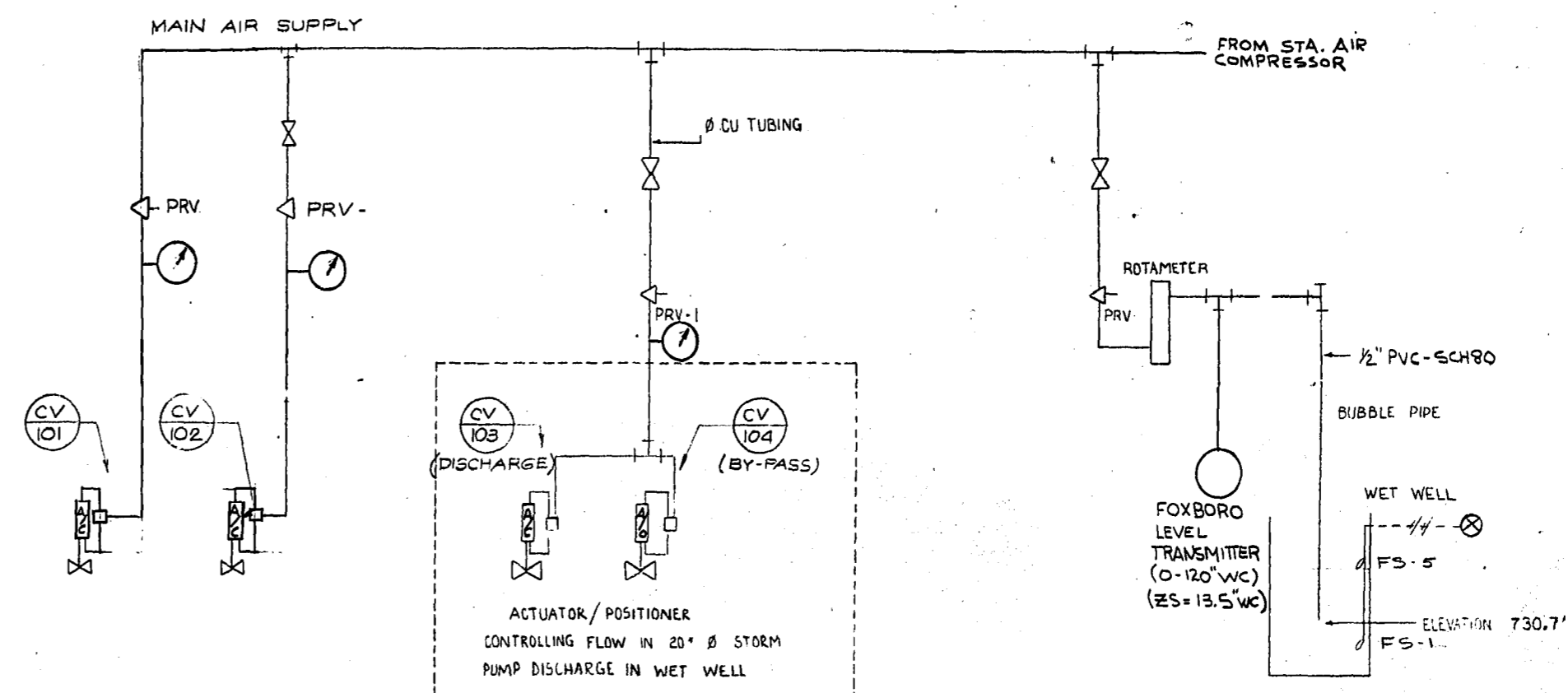
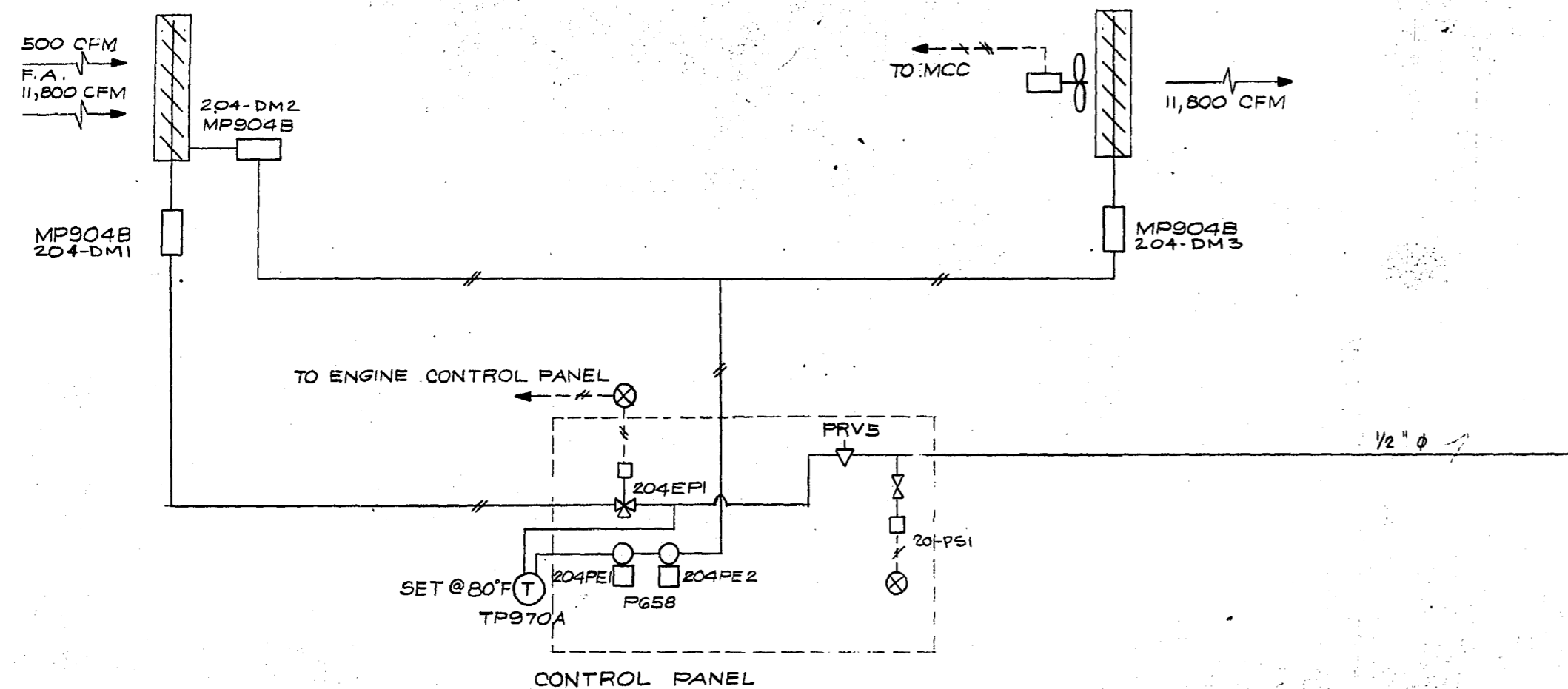


GENERATOR BLDG. CONTROL AIR SYSTEM

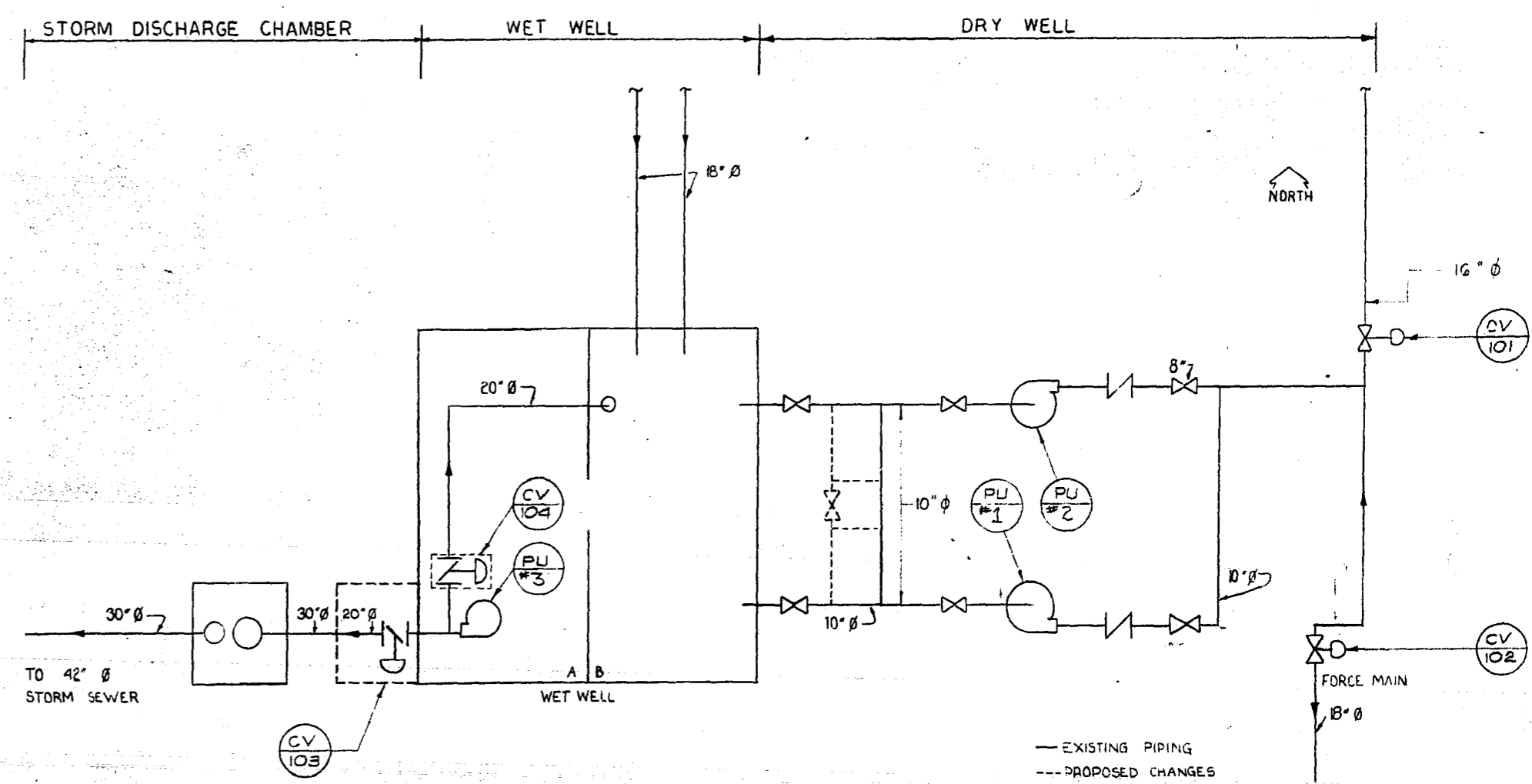


LIFT STATION PNEUMATIC SYSTEM

⊗ REFER TO SCHEMATICS DWG. #E5
 ⊙ " " " " #E4



GENERATOR BLDG. VENTILATION DIAGRAM



STATION FLOW CHART

DIVISION OF RESPONSIBILITY

	SECTION 15		SECTION 16		OWNER SUPPLIED	REMARKS
	SUPPLY	MOUNT	SUPPLY	MOUNT		
ELECTRIC HEATERS			X	X	X	EXISTING UNITS TO BE RE-USED
THERMOSTATS, PNEUMATIC	X	X				
THERMOSTAT, ELECTRIC			X	X	X	
MOTOR CONTROL CENTRE			X	X	X	
LIGHT FIXTURES			X	X	X	
TRENCHING & WIRE (TO STATION)					X	SHORT SECTION INTO BLDG. SECT. 16
AIR COMPRESSOR	X	X			X	1-NEW, 1-EXISTING RELOCATED
PNEUMATIC BUNDLE (BURIED)					X	SHORT SECT. INTO BLDG. BY SECT. 15
DAMPERS	X	X				
DAMPER MOTORS	X	X				
LIGHT SWITCHES			X	X	X	
MOTOR DISCONNECT SWITCHES			X	X	X	
FLOAT SWITCHES			X	X	X	ROD ACTIVATED FOR SUMP PUMPS
FLOAT SWITCHES	X	X	X	X	X	TILT TYPE - WET WELL/MAN HOLE
PRESSURE SWITCHES	X	X				
LEVEL CONTROLLER	X	X				
AIR PRESSURE REGULATORS	X	X				
ROTO METER	X	X				
CONTROL VALVES	X	X			X	
SOLENOID VALVES	X	Y				
CONTROL PANEL			X	X	X	
REFRIGILITER	X	X				
DESICCANT DRYER	X	X				
CONTROL VALVES, ACTUATORS & POSITIONERS					X	
PNEUMATIC PIPING	Y	Y				
GENERATOR UNIT			X	X	X	SECT. 15 TO CONNECT WATER, GAS & EXHAUST
GENERATOR EXHAUST SILENCER			X	X	X	
TRANSFORMER (600-120V/240V)			X	X	X	
ISOPH MOTOR		X				
LIGHTING PANEL BOARD			Y	X	X	
VENT. FANS	X	Y				UNIT 105 IN STATION IS EXISTING.
MAIN SERVICE ENTRANCE			X	X	X	
SLEEVES						BY STRUCT. SEE ELECT. & MECH. DWGS.

FLOAT & PRESSURE SWITCH SCHEDULE

NO.	RANGE	DUTY	CONTACT		SIGNAL LEVEL	PROCESS
			N.O.	N.C.		
		SANITARY PUMPS STOP	X		11.2 / 54"	
		1ST DUTY SANITARY PUMP	X	X	13.0 / 60"	
		2ND DUTY SANITARY PUMP	X	X	15.0 / 90"	
		STORM PUMP STOP	X		18.0 / 66"	
		STORM PUMP START	X	X	85 & 70	
202-PS	0-150	AIR COMPRESSOR	X	X	65	
20PSI	0-150	LOW CONTROL AIR PRESS. ALARM	X			
FS-1		LOW WET WELL ALARM	X	X	730.0'	S.P.D.T.
FS-5		HIGH WET WELL ALARM	X	X	738.0'	
FS-2		SUMP PUMP STOP	X		6"	
FS-3		1ST DUTY SUMP PUMP START	X	X	15"	

1 REVISED TO DATE JAN 86 MD

NO. DESCRIPTION DATE BY

REVISIONS

CITY OF WINNIPEG
 WORKS AND OPERATIONS DIVISION
 DISTRICT 5

W.L. WARDROP & ASSOCIATES LTD.
 ENGINEERING CONSULTANTS
 WINNIPEG • THUNDER BAY • REGINA • BARRIE • EDMONTON

WINDSOR PARK LIFT STATION RENOVATION

CONTROL DIAGRAMS &
 DIVISION OF RESPONSIBILITY

DESIGNED BY: B.S. DRAWN BY: KFM CHECKED BY: [Signature]

APPROVED BY: [Signature]

SCALE: N.T.S. DATE: 1/76

DRAWING NO: 76012-04-E6 REV: 0

AS-BUILT
 DATE: 7/06/76

MICROFILMED OCT 23 1987