



LEGEND

— 4160 VOLT POWER FEEDER
 --- 600 VOLT POWER FEEDER
 -C- MULTI-CONDUCTOR CONTROL CABLE

FEEDER SCHEDULE

4160 VOLT
 F-1 - 1-3/8 No. 2/0 RWS. RINS ARMURED (NOTE 2)
 F-2 - 2-3/8 500 MCM RINS ARMURED (NOTE 3)
 F-3 - 1-3/8 500 MCM RINS ARMURED
 F-4 - 1-3/8 500 MCM RINS ARMURED
 F-5 - 2-3/8 500 MCM RINS ARMURED (NOTE 3)
 F-6 - 1-3/8 No. 4/0 A.W.G. RINS ARMURED (NOTE 2)

600 VOLT
 F16-26 - 2-3/8 350 MCM RIAS
 F20 - 2-3/8 350 MCM RIAS
 F19 - 1-3/8 350 MCM RIAS
 F22 - 1-3/8 350 MCM RIAS

NOTE:

- THIS DRAWING DOES NOT INDICATE MISCELLANEOUS FEEDERS, OR LIGHTING OR BRANCH MOTOR FEEDERS. THESE ARE SHOWN ON THE RESPECTIVE LAYOUT DRAWINGS.
- FEEDERS F1 & F6 ARE ARMURED UP TO THE JUNCTION BOX IN THE CLARIFIER CONTROL BUILDING & IN CONDUIT FROM THERE TO THE DIGESTION CONTROL BUILDING.
- FEEDERS F2 & F5 TO BE SUPPLIED UNDER CONTRACT B.
- FOR LIBERAL CONTROL PANEL REFER TO
 --- MAIN BLDG --- DWG 35
 --- GRIT REMOVAL BLDG --- DWG 71
 --- CLARIFIER BLDG --- DWG 99
 --- DIGESTION BLDG --- DWG 167

CONDUCTOR SCHEDULE

DESIG	TYPE	NO & SIZE	CONDUIT WHERE REQ
201	RINS	1-1/2" #10	1/2" C
202	RINS	1-2/8" #10	1/2" C
203	RINS	2-3/8" #10	1/2" C
204	TW	2-3/8" #10	1/2" C
205	TW	5-1/2" #10	1/2" C
206	TW	5-1/2" #10	1/2" C
207	TW	12-1/2" #10	1 1/2" C
208	TW	24-1/2" #10	1 1/2" C
209	RINS	1-1/2" #10	1/2" C
210	RINS	2-1/2" #10	1/2" C
211	TW	5-1/2" #10	1/2" C
212	RINS	1-1/2" #10	1/2" C
213	RINS	1-1/2" #10	1/2" C
214	RINS	1-3/8" #10	1/2" C
215	RINS	3-1/2" #10	3" C
216	TW	16-1/2" #10	1 1/2" C
217	TW	10-1/2" #10	1 1/2" C

CONTROL SCHEDULE

DESIG	CONDUCTOR	FROM	TO
C1	214	MCC 10	VENTURI CHAMBER FEED TRANSMITTERS
C2	213	MCC 10	ELC 6
C3	210	MCC 10	TERMINAL CABINET GALLERY #6
C4	1-213, 1-213	MCC 20	ELC 6 & MCC-10 RESPECTIVELY
C5	212	TERMINAL CABINET GALLERY #6	TERMINAL CABINET GALLERY #6
C6	212	ELC 6	TERMINAL CABINET GALLERY #6
C7	2-210	DLC 1	TERMINAL CABINET GALLERY #6
C8	212	DLC 1	DLC 1
C9	2-210, 2-213	DLC 1	TERMINAL CABINET GALLERY #7

NOTE: SYSTEM IS GENERAL ONLY. SEE CONTRACTORS DIAGRAMS FOR "AS BUILT" INFORMATION.

REVISIONS NO. DATE DETAIL			THE METROPOLITAN CORPORATION OF GREATER WINNIPEG WATERWORKS AND WASTE DISPOSAL DIVISION	
AUG. 15 1963			NORTH END SEWAGE TREATMENT PLANT CONTRACT A - MISCELLANEOUS ELECTRICAL - OVERALL CABLE ROUTING PLAN	
APPROVED JAMES F. MACLAREN LTD. ENGINEERS TORONTO			APPROVED J. PENMAN ENGINEER OF WASTE DISPOSAL	
DATE MARCH 11, 1963			DATE MARCH 11, 1963	
SCALE NONE		DWG. No. 208 OF 217		
AS BUILT		NEP-204		

NEP-0204