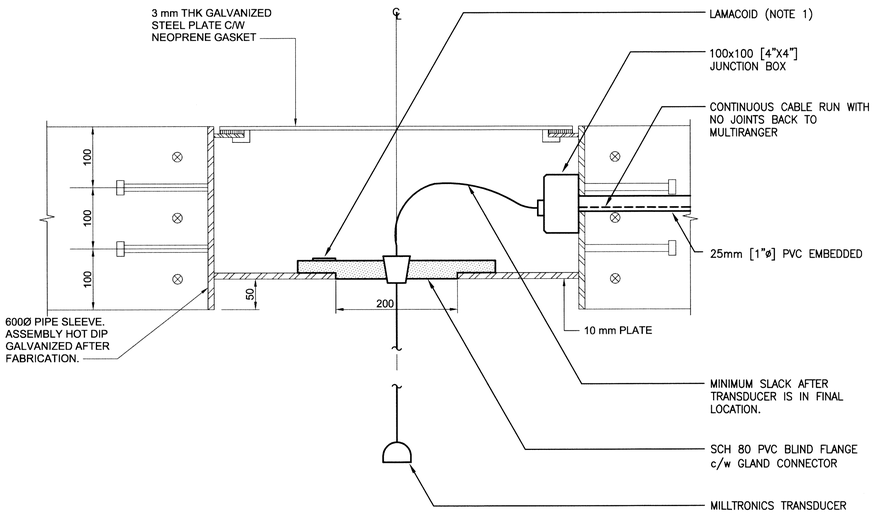
CW-9-M564-1



A — ULTRASONIC TRANSDUCER DETAIL
SCALE: N.T.S.

SUPPLY: 208V 3Ø 4W
MAINS AMPACITY: 125
INCOMING: ■ BREAKER □ LUGS
MAIN BREAKER REQUIRED: ■ YES □ NO
MAIN BREAKER AMPS: 100
BUS MATERIAL: ■ COPPER □ ALUMINUM
BUS AND BREAKER RATING: 35kA

NAME PLATE:

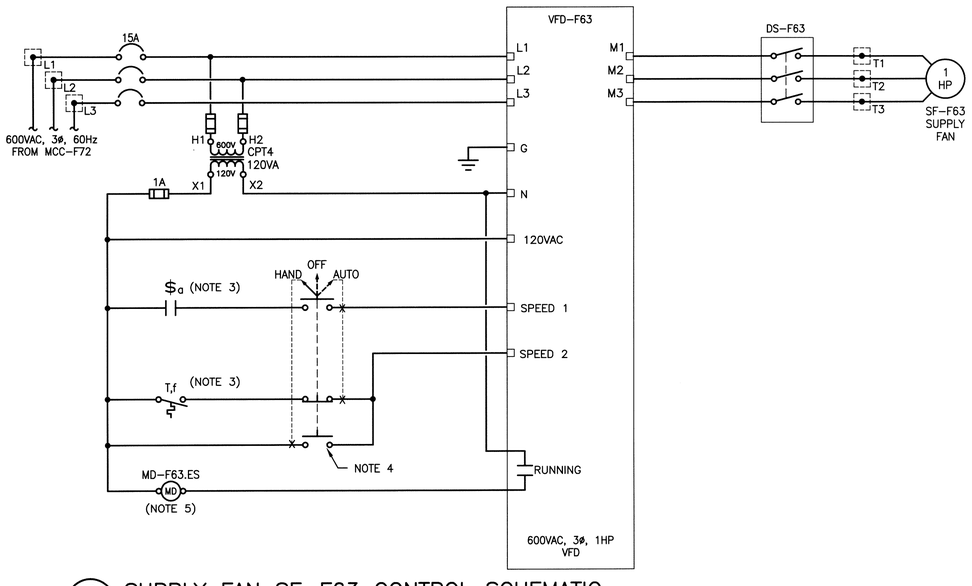
PANEL ' PNL-F73 '

LOCATION: MAIN ELECTRICAL ROOM
MOUNTING: ■ SURFACE □ FLUSH
MANUFACTURER:
MODEL NO:
BREAKER: □ PLUG-IN ■ BOLT-ON
SPD: □ YES ■ NO
SERVICE ENTRANCE RATED: □ YES ■ NO

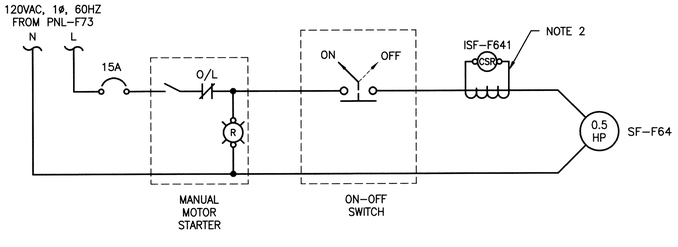
REV	CCT		VA	P	BKR	A	B	C	BKR	P	VA		CCT	REV
	1	LIGHTS (UPPER FLOOR)	–	1	15	•			15	1	–	LIGHTS (FLOOD PUMP ROOM)	2	
	3	LIGHTS (HALLWAY, COMM. CHAMBER ACCESS, SEWAGE MOTOR & PUMP1ROOMS)	–	1	15		•		15	1	–	LIGHTS (COMMUNITOR CHAMBER)	4	
	5	SUMP PUMP RECEPTACLE (FLOOD PUMP ROOM)	–	1	15			•	15	1	–	INTERCOM PLUG (BELOW PANEL)	6	
	7	20 AMP RECEPTACLE	–	2	20	•			15	1	–	PLUG (SUMP/FLOOD)	8	
	9						•		15	1	–	OUTSIDE RECEPTACLE	10	
	11	SF-F64	–	1	15			•	15	1	–	SUMP PUMP RECEPTACLE (SEWAGE PUMP ROOM)	12	
	13	RTU PANEL	–	1	15	•			15	1	–	RECEPTACLE (COMMUNITOR CHAMBER ACCESS)	14	
	15	CSO TERMINATION PANEL	–	1	15		•		15	1	–	MOTORIZED DAMPER MD-F63-1	16	
	17	SPARE	–	1	15			•	15	1	–	SPARE	18	
	19	SPARE	–	1	15	•			15	1	–	SPARE	20	
	21	SPARE	–	1	15		•		15	1	–	SPARE	22	
	23		–	–	–			•	–	–	–		24	
	25		–	–	–	•			–	–	–		26	
	27		–	–	–		•		–	–	–		28	
	29		–	–	–			•	–	–	–		30	
	31		–	–	–	•			–	–	–		32	
	33		–	–	–		•		–	–	–		34	
	35		–	–	–			•	–	–	–		36	
	37		–	–	–	•			–	–	–		38	
	39		–	–	–		•		–	–	–		40	
	41		–	–	–			•	–	–	–		42	
			LOAD 'A'			LOAD 'B'			LOAD 'C'					
			0			0			0					

LUMINAIRE SCHEDULE

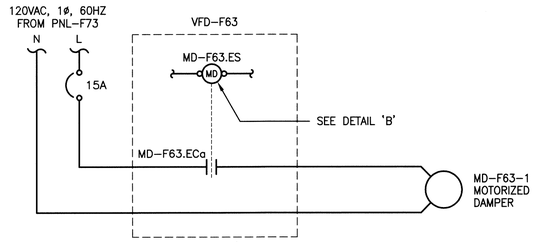
TYPE	DESCRIPTION	VOLTAGE	LAMPS	APPROVED MANUFACTURERS
A	CHAIN SUSPENDED LED INDUSTRIAL LUMINAIRE c/w DIFFUSER	120V	42W LED 4000°K	LITHONIA LIGHTING: ZL2N L48 3000LM MDD MVOLT 40K 80CRI SKGY
B	CEILING MOUNTED LED LIGHT FIXTURE. WET LOCATION CERTIFIED.	120V	94W LED 4000°K	STANCO: LCQ 08 U W 049 4k



B — SUPPLY FAN SF-F63 CONTROL SCHEMATIC
SCALE: N.T.S.



C — SUPPLY FAN SF-F64 STARTER CIRCUIT
SCALE: N.T.S.



D — MOTORIZED DAMPER CONTROL CIRCUITS
SCALE: N.T.S.

NOTES:

1. LAMACOID LABEL. LABEL SHOWS THE FINAL CABLE DIMENSION BETWEEN THE BLIND FLANGE AND THE TRANSDUCER FACE. CONTRACTOR TO MEASURE FINAL CABLE LENGTH. LAMACOID PERMANENTLY FASTENED TO THE BLIND FLANGE.
2. PROVIDE VERIS HAWKEYE 300 CURRENT SENSING RELAY OR APPROVED EQUIVALENT.
3. CONTACT S_a IS ON OCCUPANCY SENSOR CONTACT. CONTACT Tf IS A N/O THERMOSTAT CONTACT. REFER TO DRAWING 1-0139F-E0004-001 (D-E03) FOR DEVICE LOCATIONS & DETAILS.
4. HAND-OFF-AUTO SWITCH TO BE MOUNTED ON THE FRONT OF VFD-F63's BUCKET IN MCC-F72.
5. SUPPLY RELAY WITH 120VAC COIL, 1 N/O CONTACT FOR MOTORIZED DAMPERS.

APEGM
Certificate of Authorization
KGS Group
No. 245

NO.	REVISIONS	DATE	BY
	POSTED TO LBIS		
0	ISSUED FOR CONSTRUCTION	14/12/15	AP

FIELD BOOK #:

KGS GROUP CONSULTING ENGINEERS

DESIGNED BY	DDW	CHECKED BY	
DRAWN BY	GCN	APPROVED BY	
HOR. SCALE	N.T.S.	RELEASED FOR CONSTRUCTION	
VERTICAL	N.T.S.		
DATE	2014 01 13	DATE	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
I.A.R. PAWLIKEWICH
Member
23235
REGISTERED PROFESSIONAL ENGINEER

D-E09

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

FLOOD PUMPING STATION UPGRADES
DUMOULIN STATION
ELECTRICAL
DETAILS AND SCHEDULES

SHEET 1 OF 1
CITY DRAWING NUMBER
1-0139F-A0005-001

FileName: P:\Projects\2013\13-0107-026\Dwg\Elec\13-0107-026-D-E09.dwg - Tab: D-E09 Plotted By: dderoche 12/16/2014 [Tue 3:49pm]