

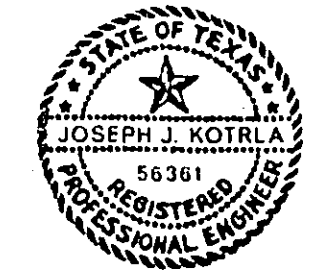
CONDUIT AND CABLE SCHEDULE TOWN OF ADDISON - CELESTIAL RD PUMP STATION

TAG NO.	COND SIZE	CABLES # SIZE	GND	SOURCE	LOAD	REMARKS
P100	4"			TP&L	XFMR	EC FOR UTILITY PRI CABLES
P101	4"			TP&L	XFMR	EC FOR UTILITY PRI CABLES
P102	6"	3 #500	#1/0	XFMR	METER	SERVICE CABLES
P103	6"			XFMR	METER	EC FOR FUTURE USE
P104	5"	3 #500	#1/0	METER	SWGR	SERVICE
P105	5"			METER	SWGR	FUTURE
P106				METER	SWGR	NOT USED
P107	3"	3 #1	#4	MCC-HA	WP01	WATER PUMP NO.1
P108	3"			MCC-HB	WP02	FUTURE
P109	3"	3 #1	#4	MCC-HA	WP03	WATER PUMP NO.3
P110	3"			MCC-HB	WP04	FUTURE
P111	3"	3 #1	#4	MCC-HA	WP05	WATER PUMP NO.5
P112	3"	3 #1	#4	MCC-HA	THA	LOW VOLTAGE XFMR
P200	3"	8 #4/0	#2	THA	MCC-LA	2-4/0 PER PHASE, 2-4/0 NEUTRALS
P201	3/4"	2 #8	#10	MCC-LA	ACU	
P202	3/4"	2 #10	#10	MCC-LA	ACC	
P203	3/4"	3 #12	#12	MCC-LA	EF1/SS	
P204	3/4"	3 #12	#12	MCC-LA	EF2/SS	
P205	3/4"	3 #12	#12	MCC-LA	EF3/SS	
P206	3/4"	2 #12	#12	MCC-LA	EF6/SS	
P207	3/4"	3 #10	#10	MCC-LA	UH1/SS	
P208	3/4"	3 #10	#10	MCC-LA	UH2/SS	
P209	1"			MCC-LA		SPARE CONDUIT, STUB OUT AS SHOWN ON THE DRAWINGS
P210	3/4"	2 #10	#10	MCC-LA	JTB-C1	
P211	2"	4 #2	#6	MCC-LA	PNL-L1	
P212	3/4"	3 #10	#10	MCC-LA	UH4/SS	
P213	3/4"	3 #10	#10	MCC-LA	UH5/SS	
P214	3/4"	3 #10	#10	MCC-LA	UH6/SS	
P215	3/4"	3 #12	#12	MCC-LA	UH7/SS	
P216	3/4"	3 #12	#12	MCC-LA	UH8/SS	
P217	1"	3 #8	#8	MCC-LA	PNL-L2	
P218	3/4"	3 #10	#10	MCC-LA	UH3/SS	
P219	3/4"	2 #10	#10	MCC-LA	W/HTR	
P220	1"			PNL-L1	GSR	SPARE CONDUIT
P221	1"			PNL-L1	GSR	SPARE CONDUIT
P222	1"			MCC-LA	GSR	SPARE CONDUIT
P223	1"	5 #12	#12	PNL-L1	WGATE	
P224	1"	5 #12	#12	PNL-L1	EGATE	
C100	1-1/4"	40 #14	#10	PNL-I1	JTB-C1	SPARE CONDUIT
C101	1-1/4"	40 #14	#10	PNL-I1	JTB-C1	SPARE CONDUIT
C102	1-1/4"	40 #14	#10	PNL-I1	JTB-C1	SPARE CONDUIT
C107	1-1/4"	24 #14	#14	MCC-HA	WP1/CS	WATER PUMP NO.1
C108	1-1/4"	24 #14	#14	MCC-HB	WP2/CS	SPARE CONDUIT
C109	1-1/4"	24 #14	#14	MCC-HA	WP3/CS	WATER PUMP NO.3
C110	1-1/4"	24 #14	#14	MCC-HB	WP4/CS	SPARE CONDUIT
C111	1-1/4"	24 #14	#14	MCC-HA	WP5/CS	WATER PUMP NO.5
C112	3/4"	4 #14	#14	MCC-HA	MCC-LA	
C113	3/4"	4 #14	#14	MCC-HA	MCC-LA	
C114	3/4"	4 #14	#14	MCC-HA	MCC-LA	
C115	3/4"	4 #14	#14	MCC-LA	JTB-C1	CHLORINE ALARM CKT
C117	3/4"	10 #14	#14	WP1/CS	WP1/VCP	VCP = VALVE CONTROL PNL
C118	3/4"	10 #14	#14	WP2/CS	WP2/VCP	STUB UP AT LOCATION SHOWN ON THE DRAWINGS
C119	3/4"	10 #14	#14	WP3/CS	WP3/VCP	VCP = VALVE CONTROL PNL
C120	3/4"	10 #14	#14	WP4/CS	WP4/VCP	STUB UP AT LOCATION SHOWN ON THE DRAWINGS
C121	3/4"	10 #14	#14	WP5/CS	WP5/VCP	VCP = VALVE CONTROL PNL
C203	3/4"	2 #14	#14	MCC-LA	EF1/JB	
C204	3/4"	2 #14	#14	MCC-LA	EF2/JB	
C205	3/4"	2 #14	#14	MCC-LA	EF3/JB	
C206	3/4"	16 #14	#14	MCC-LA	EF6/JB	
C300	3/4"	10 #14	#14	JTB-C1	MCC-HA	WP1 STARTER
C301	3/4"	10 #14	#14	JTB-C1	MCC-HB	RUN TO AREA ABOVE MCC-HB AND CAP
C302	3/4"	10 #14	#14	JTB-C1	MCC-HA	WP2 STARTER
C303	3/4"	10 #14	#14	JTB-C1	MCC-HB	RUN TO AREA ABOVE MCC-HB AND CAP
C304	3/4"	10 #14	#14	JTB-C1	MCC-HA	WP3 STARTER
C305	3/4"	5 #14	#14	JTB-C1	LS-5	
C306	3/4"	2 #14	#14	JTB-C1	GSR	SPARE CONDUIT
C307	3/4"	2 #14	#14	JTB-C1	VAULT	SPARE CONDUIT
S100	1-1/4"	50 #18	#14	PNL-I1	JTB-S1	SHARED WITH # 18 IN S100
S101	1-1/4"	4 2/C SH 18	#14	PNL-I1	JTB-S1	SPARE CONDUIT
S102	1-1/4"	4 2/C SH 18	#14	PNL-I1	JTB-S1	SPARE CONDUIT
S107	1-1/4"	9 3C/SH		MCC-HA	WP01	WATER PUMP NO.1
S108	1-1/4"	9 3C/SH		MCC-HB	WP02	SPARE
S109	1-1/4"	9 3C/SH		MCC-HA	WP03	WATER PUMP NO.3
S110	1-1/4"	9 3C/SH		MCC-HB	WP04	SPARE
S111	1-1/4"	9 3C/SH		MCC-HA	WP05	WATER PUMP NO.5
S300	1"	2 2C/S#18		JTB-S1	TEL	
S301	3/4"	1 2C/S#18		FT-6A	JTB-S1	
S302	1"	1 2C/S#18		LT-4B	JTB-S1	

NOTES:  
 1. INSTALL ALL CONDUIT AND CABLE BETWEEN EQUIPMENT WHETHER OR NOT SHOWN IN PLAN VIEWS.  
 2. LIGHTING AND RECEPTACLE CONDUIT AND CABLE IS NOT SHOWN IN SCHEDULE, REFER TO PLAN VIEWS.

DESCRIPTION	BKR	VOLTAGE: 208Y/120V 3 PHASE 4W MAINS: 225 MLO			LOCATION: SWGR RM TYPE: SURFACE MOUNT			BKR	DESCRIPTION	
		LOAD A	LOAD B	LOAD C	LOAD A	LOAD B	LOAD C			
OUTDOOR LIGHTS	1P/20A	600			1	A	2	1500	1P/20A	BATHROOM HTR, UH-9
WEST GATE	2P/		500		3	B	4		1P/20A	BATH & PMP RM RECPT
	20A			500	7	A	8	720	1P/20A	GARAGE/SWGR RM RECPT
EAST GATE	2P/	500			5	C	6		1P/20A	PMP RM/SWGR RM RECPT
	20A				9	B	10	1080	1P/20A	CONTROL RM RECPT
PUMP ROOM LIGHTS	1P/20A		500	1750	11	C	12		1P/20A	CONTROL RM/STO RECPT
	1P/20A	1250			13	A	14	1440	1P/20A	ATTIC RECPT
GARAGE & SWGR RM LTS	1P/20A		1000		15	B	16	720	1P/20A	PMP RM RECPT
CONTROL ROOM LTS	1P/20A	1800		1600	17	C	18	300	1P/20A	EP-4
STORAGE & REAR LTS	1P/20A		1600		19	A	20	300	1P/20A	EP-5
ATTIC LIGHTS	1P/20A			1600	21	B	22	300	1P/20A	EP-5
SPARE	1P/20A				23	C	24		1P/20A	EP-8
SPARE	1P/20A				25	A	26		1P/20A	SPARE
SPARE	1P/20A				27	B	28		1P/20A	SPARE
SPARE	1P/20A				29	C	30		1P/20A	SPARE
SPACE	1P/20A				31	A	32		1P/20A	SPARE
SPACE					33	B	34		1P/20A	SPARE
SPACE					35	C	36		1P/20A	SPARE
SPACE					37	A	38			SPACE
SPACE					39	B	40			SPACE
SPACE					41	C	42			SPACE

LIGHT FIXTURE SCHEDULE			
TYPE	LAMP	DESCRIPTION	MANUFACTURER
A	2-F40W CW	10 in x 48 in. surface mounted fluorescent with prismatic acrylic lens, baked white enamel reflector, 120 vac	Miller # EW-2101-04 Day-Brite "Vigilante" #V11240-4
B	3-F40W CW	20 in x 48 in. fluores. fixture recessed into sheet rock ceiling w/ prismatic acrylic lens and baked white reflector housing, 120V AC. Use 1/2" x 1/2" silver egg crate louver where indicated.	Daybrite "Designer" #HG203-HPS12B Benjamin "Lumi-Flow" #BF 57234-4
C	4-F40W CW	15 in x 48 in. surface mounted fluores. with prismatic acrylic lens, baked white enamel reflect. 20 vac	Miller #EW4101-04 Day-Brite "Vigilante" #V16440-4
D	2-F110W HO CW	7 in x 96 in. stem mounted fluorescent with one piece high impact clear acrylic enclosure, high impact plastic watertight housing & stainless steel latches. U.L. listed, suitable for wet locations, 120V AC.	Miller #KW-3302-08 Day-Brite "Vaporlume" #WR81241 Day-Brite Top Swivel #71081LA
DI	4-F40 CW	Same as type D except with 4-F40 CW	
F	2-F40W CW	7" x 48" surface mounted fluorescent with one piece high impact clear acrylic enclosure, high impact plastic watertight housing & stainless steel latches. U.L. listed, Suitable for wet locations, 120 vac	Miller #KW 2102-04 w/ Miller clamp hanger Day-Brite "Vaporlume" #9-WR41241 Day-Brite #7108 hangers
G	2-25W Tungsten Sealed Beam	12 volt emergency lighting battery unit in NEMA 12 enclosure, w/two lamp heads, 120 vac	Exide #B2002STD120 Chloride #ITM2501K2VATDACCFF
H	1-42W Tungsten Halogen	Polished brass colonial style wall mounted lantern fixture baked lacquer coating & clear crystal glass panels and a ball finial top, 120V AC.	Manning #EB0110 w/Sylvania "Capsylite" A-Line 42W lamp
K	1-72W Tungsten Halogen	Baked black colonial style lantern fixture with baked lacquer coating, clear crystal glass panels, ball finial top and fitting for fence pillar top mounting.	Manning #EB0113 w/ "Capsylite" A-Line 72W lamp
KI	1-72W Tungsten Halogen	Same as type K except with wall mounting bracket.	
L	2-1100W	Opal glass cylinder incandescent fixture with one piece aluminum enclosure, 120V AC.	Kosman #7803 Markstone #781
M	100W MV H38 BASE	Wall mounted, totally enclosed, weather proof mercury vapor area light with die cast alum housing, alzak reflector, and acrylic refractor, 120 vac ballast.	Hubbell "Permalite" # PVL-0100C-118 General Electric "Wallighter" # C583N0U2



No.	Revision	By	Date
TOWN OF ADDISON DALLAS COUNTY, TEXAS <b>CELESTIAL ROAD PUMPING STATION</b>			
CHARLES R. McCREARY & ASSOCIATES CONSULTING ENGINEERS SUITE 117 6550 LEI FREWAY DALLAS, TEXAS 75246		ELECTRICAL SCHEDULES	
<b>GINN, INC.</b> Consulting Engineers Dallas, Texas			
Designed - JK	Drawn - JW	Checked -	Job No. -