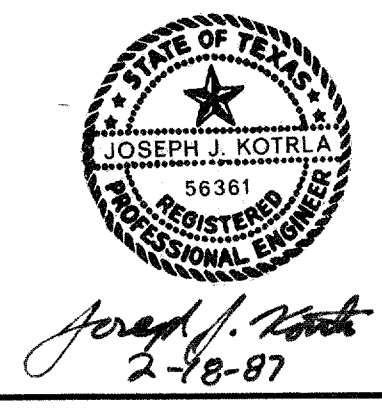


| CONDUIT AND CABLE SCHEDULE | | | TOWN OF ADDISON - CELESTIAL RD PUMP STATION | | | |
|----------------------------|-----------|---------------|---|---------|--|--------------------------|
| TAG NO. | COND SIZE | CABLES # SIZE | SOURCE GND | LOAD | REMARKS | |
| P100 | 4" | | TP&L | XFMR | EC FOR UTILITY 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 | | | SWGR | MCC-HB | NOT USED | |
| P107 | 3" | 3 #1 | #4 | MCC-HA | WPO1 WATER PUMP NO.1 | |
| P108 | 3" | | MCC-HB | WPO2 | FUTURE | |
| P109 | 3" | 3 #1 | #4 | MCC-HA | WPO3 WATER PUMP NO.3 | |
| P110 | 3" | | MCC-HB | WPO4 | FUTURE | |
| P111 | 3" | 3 #1 | #4 | MCC-HA | WPO5 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-II | JTB-C1 | |
| C101 | 1-1/4" | | PNL-II | JTB-C1 | SPARE CONDUIT | |
| C107 | 1-1/4" | 24 #14 | #14 | MCC-HA | WP1/CS WATER PUMP NO.1 | |
| C108 | 1-1/4" | | 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" | | 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" | | 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" | | 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" | | 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" | | 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" | 3 #14 | #14 | JTB-C1 | LS-5 | |
| C306 | 3/4" | | JTB-C1 | GSR | SPARE CONDUIT | |
| C307 | 3/4" | 2 #14 | #14 | JTB-C1 | VAULT | SPARE CONDUIT |
| S100 | 1-1/4" | 50 #18 | #14 | PNL-II | JTB-S1 | SHARED WITH # 18 IN S100 |
| S101 | 1-1/4" | 4 2/C SH 18 | | PNL-II | JTB-S1 | SPARE CONDUIT |
| S107 | 1-1/4" | 9 3C/SH | | MCC-HA | WPO1 | WATER PUMP NO.1 |
| S108 | 1-1/4" | | MCC-HB | WPO2 | SPARE | |
| S109 | 1-1/4" | 9 3C/SH | | MCC-HA | WPO3 | WATER PUMP NO.3 |
| S110 | 1-1/4" | | MCC-HB | WPO4 | SPARE | |
| S111 | 1-1/4" | 9 3C/SH | | MCC-HA | WPO5 | WATER PUMP NO.5 |
| S300 | 1" | 2 2C/S#18 | | JTB-S1 | TEL | NOT USED |
| 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.

| PANEL DESIGNATION: L1 | | VOLTAGE: 208Y/120V 3 PHASE 4W MAINS: 225 MLO | | | | | | LOCATION: SWGR RM TYPE: SURFACE MOUNT | | | | |
|-----------------------|--------|---|--------|--------|-----|-----|-----|--|--------|--------|--------|----------------------|
| DESCRIPTION | BKR | LOAD A | LOAD B | LOAD C | CKT | PHA | CKT | LOAD A | LOAD B | LOAD C | BKR | DESCRIPTION |
| OUTDOOR LIGHTS | 1P/20A | 600 | | | 1 | A | 2 | 1500 | | | 1P/20A | BATHROOM HTR, UH-9 |
| WEST GATE | 2P/ | | 500 | | 3 | B | 4 | | 720 | | 1P/20A | BATH & PMP RM RECPT |
| " | 20A | | | 500 | 5 | C | 6 | | | 540 | 1P/20A | GARAGE/SWGR RM RECPT |
| EAST GATE | 2P/ | 500 | | | 7 | A | 8 | | 720 | | 1P/20A | PMP RM/SWGR RM RECPT |
| " | 20A | | 500 | | 9 | B | 10 | | 1080 | | 1P/20A | CONTROL RM RECPT |
| PUMP ROOM LIGHTS | 1P/20A | | | 1750 | 11 | C | 12 | | | 1440 | 1P/20A | CONTROL RM/STO RECPT |
| " | 1P/20A | 1250 | | | 13 | A | 14 | 900 | | | 1P/20A | ATTIC RECPT |
| " | 1P/20A | | 1000 | | 15 | B | 16 | | 720 | | 1P/20A | PMP RM RECPT |
| GARAGE & SWGR RM LTS | 1P/20A | | | 1600 | 17 | C | 18 | | | 300 | 1P/20A | EF-4 |
| CONTROL ROOM LTS | 1P/20A | 1800 | | | 19 | A | 20 | 300 | | | 1P/20A | EF-5 |
| STORAGE & REAR LTS | 1P/20A | | 1600 | | 21 | B | 22 | | 300 | | 1P/20A | EF-8 |
| ATTIC LIGHTS | 1P/20A | | | 1600 | 23 | C | 24 | | | | 1P/20A | SPARE |
| 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 | | | | | SPACE |
| 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 pr smatic 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. fluorescent fixture recessed into sweet rock ceiling w/ prismatic acrylic lens and baked white reflector housing. 120V AC. Use 1/2" x 1/2" x 1/2" silver eg. crate louver where indicated. | Daybrite "Designer" #HG203-HFS12B Benjamin "Lumi-Flow" #BF 57234-4 |
| C | 4-F40W CW | 15 in x 48 in. surface mounted fluorescent with prismatic acrylic lens, baked white enamel reflector, 120 vac | Miller #EW4101-04 Day-Brite "Vigilante" #V16440-4 |
| D | 2-F110W HO CW | 7 in x 96 in. stem mounted fluorescent with 1 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-2302-08 Day-Brite "Vaporlume" #WR81241 Day-Brite Top Swivel #710811A |
| D1 | 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 #E2002STD120 Chloride #ITMF250IK2VATDAGFF |
| 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 fitting for fence pillar top mounting. | Manning #EB0113 w/ "Capsylite" A-Line 72W lamp |
| K1 | 1-72W Tungsten Halogen | Same as type K except with wall mounting bracket. | |
| L | 2-I100W | 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 "Permaliter" # PVL-0100C-118 General Electric "Wallighter" # C583N002 |



| | | | |
|--|------------|--|-------------------------|
| No | Revision | By | Date |
| TOWN OF ADDISON DALLAS COUNTY, TEXAS CELESTIAL ROAD PUMPING STATION | | | |
| CHARLES R. McCREARY & ASSOCIATES | | CONSULTING ENGINEERS SUITE 217 6500 LEW FREEMAN DALLAS, TEXAS 75240 | ELECTRICAL SCHEDULES |
| GINN, INC. Consulting Engineers Dallas, Texas | | | |
| Designed - JK | Drawn - JW | Scale - | Job No. - |
| Approved - | Checked - | Scale - | Sheet E7 Of E12 |