| | B274<0C82B 3806 | A | 0 < B | B274<0C82B 3806 | A 0 < E | 3 ? > F 4 A | | 0 1 | 1 A 4 | 4 E 8 0 C 8 > = B | | |
|--------------------|--|---|------------------------------|---|---------------------------|---|------------------------------|---|--------------------|---|--------------------|------------|
| SYMBOL | DESCRIPTION | | SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION | A AMI AFF ABC | PERE DVE FINISHED FLOOR | N NEC | NEUTRAL NATIONAL ELECTRICAL CODE | | |
| | TERMINAL LUG OR STRIP | L | ഹം | EMERGENCY STOP PUSH BUTTON (MAINTAINED) | £ | DUPLEX RECEPTACLE | AI ANA AIC AMP | LOG INPUT PS INTERRUPTING CAPA | NEC/ | A NATIONAL ELECTRICAL CONTRACTOR ASSOCIATION | | |
| | TRANSFORMER | | مله | NORMALLY CLOSED PUSH BUTTON | | DUPLEX RECEPTACLE, RECESSED FLOOR MOUNTED | AFD ADJ AO ANA | USTABLE FREQUENCY I LOG OUTPUT | DRIVES NOTO NPW | C NORMALLY OPEN TIMED CLOSED NON-POTABLE WATER | | |
| <u> </u> | GROUND CONNECTION | L | • • | LOCKOUT STOP PUSH BUTTON | | DUPLEX RECEPTACLE, RECESSED CEILING MOUNTED | ATS AUT | OMATIC TRANSFER SW | ITCH NTS | NOT TO SCALE TURBIDITY | | |
| 5 | BOND TO METALLIC WATER PIPE | | ○ | NORMALLY OPEN PUSH BUTTON | <u></u> | QUADRAPLEX RECEPTACLE | BC BYP | ASS CONTACTOR | 0.C. | ON CENTER | | |
| • | BOND TO METALLIC WATER PIPE | | | CONTACT - TIME DELAY T.C. = NORMALLY OPEN W/TIME DELAY CLOSING. | | QUADRAPLEX RECEPTACLE, RECESSED FLOOR MOUNTED | CB CIR CL2 CHL | CUIT BREAKER ORINE | OIT | OVEN LOW OPERATOR INTERFACE TERMINAL OVERI OAD | | |
| | BOND TO BUILDING STEEL | | d þ T.C. | I.C T.O. = NORMALLY OPEN WITH INSTANT CLOSING AND TIME DELAY OPENING. | | QUADRAPLEX RECEPTACLE, RECESSED CEILING MOUNTED | CON CON CPM CUS | NTACTOR STOMER POWER MONIT | ORING OR | ON/OFF (MAINTAINED) OFF-REMOTE | | |
| Q | GENERATOR | L | | TIME DELAY OPENING AFTER DEENERGIZATION. | P | ISOLATED GROUND TYPE DUPLEX RECEPTACLE | CPT COT CU COT | YTROL POWER TRANSFO PER, BARE JTROL VALVE | JRMER P PR | PHASE OR POLE | | |
| | ; 8 6 7 C 8 = 6 | | | CONTACT - TIME DELAY T.C. = NORMALLY CLOSED WITH TIME DELAY OPENING. | <u> </u> | SPECIAL PURPOSE OR WELDING OUTLET. | DCS DIS | TRIBUTED CONTROL SY | STEM PFR | PROCESS CONTROL PANEL PHAS/POWER FAILURE RELAY | | |
| SYMBOL | DESCRIPTION | | \$/F | T.OT.C. = NORMALLY CLOSED WITH TIME DELAY OPENING AND TIME DELAY CLOSING AFTER DEENERGIZATION. | | GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE. | | CRETE INPUT CRETE OUTPUT FERENITIAL VOLTACE/TIN | PI PLC | PULSE INPUT PROGRAMMABLE LOGIC | | |
| | FLUORESCENT LIGHT FIXTURE, SEE FIXTURE SCHEDULE. | | 1.0. | I.OI.C. = NORMALLY CLOSED WITH INSTANT OPENING AND TIME DELAY CLOSING. | | WEATHERPROOF CONVENIENCE OUTLET | DWG DRA | WING | PLI PKG | PLANT INFLUENT PACKAGE | | |
| | EMERGENCY LIGHTING, SEE FIXTURE SCHEDULE. | | ٩Þ | NORMALLY OPEN CONTACT | | FLUSH FLOOR DEVICE BOX | ELR END ETM ELA | OF LINE RESISTER | PMP PNL | PUMP PANEL | | |
| F# | LIGHTING FIXTURE TYPE - SEE FIXTURE SCHEDULE. | L | ٩́⁄٩ | NORMALLY CLOSED CONTACT | | HOME RUN TO PANEL - INDICATING 2 #12, #12 GND, 3/4" CONDUIT OR AS SHOWN. | ES EME EXIST EXIS | ERGENCY STOP | PO PPG | PULSE OUTPUT POUNDS PER GALLON POUNDS PER HOUR | | |
| \$ | SINGLE POLE SWITCH | L | 000 | LIMIT SWITCH | | OR AS SHOWN. | FA FOL | JL AIR | PPM PR | PARTS PER MILLION PAIR | | |
| \$ ₃ | 3 WAY SWITCH | L | ° <u>−</u> ° | PRESSURE SWITCH LOW | X-1,3,5 | HOME RUN TO PANEL SHOWING BRANCH CIRCUIT NUMBERS. | FC FAIL FE FLO FLA FLU | WELEMENT | PRES | 6 PRESSURE PRESSURE SWITCH | | |
| \$ _m | WALL MOUNTED MOTION SWITCH - DUAL TECHNOLOGY | L | <u> </u> | PRESSURE SWITCH HIGH | | IN CONDUIT. LONG HATCH MARK DENOTES GROUND CONDUCTOR. SIZE OF CONDUCTORS TO BE #12 AWG CONDUCTORS IN CONDUIT | FS FLO FVNR FUL | W SWITCH L VOLTAGE NON-REVER | SING PSH | PRESSURE SWITCH, HIGH POUNDS PER SQUARE INCH PROCESS VAPIABLE | | |
| \$ _T | MOTOR RATED TOGGLE SWITCH | L | °⊤° | FLOW SWITCH | | UNLESS NOTED OTHERWISE. UNMARKED CONDUITS SHALL BE 3/4" WITH 3 #12. | FW FINI | SHED WATER | RAS | RETURN ACTIVATED SLUDGE | | |
| \$ _D | DIGITAL OVERRIDE SWITCH | L | Ŷ | LEVEL FLOAT SWITCH | (E) | DENOTES EXISTING EQUIPMENT OR DEVICES | GES GRO GFCI GRO | DUNDING ELECTRODE S DUND FAULT CIRCUIT | YSTEM RW RCL | RAW WATER REMOTE I/O RADIO ERFOLIENCY | | |
| \$ _P | SINGLE POLE SWITCH WITH PILOT LIGHT | L | ~ <u>~</u> ~ | TEMPERATURE SWITCH | Ū | THERMOSTAT | GFP GRC | RRUPTER DUND FAULT PROTECTIO | DN RIO RS | REMOTE INPUT/OUTPUT RAW SEWAGE | | |
| SP | RECESSED CEILING MOUNTED SPEAKER BY OTHERS | L | AMPS / POLES | DISCONNECT SWITCH SHOWN WITH RATING AND NUMBER OF POLES. | хŴ | MOTOR, X = HORSE POWER | GPD GAL GPD GAL | LONS PER DAY LONS PER HOUR | RSP RST | RAW SEWAGE PUMP RESET | | |
| 9 | WALL MOUNTED MOTION SENSOR | | o tero | FUSEHOLDER OR FUSEBLOCK | Ē | CEILING EXHAUST FAN | GPM GAL GRS GAL | LONS PER MINUTE VANIZED RIGID STEEL | RTD | RESISTANCE TEMPERATURE DETECTOR PEMOTE TELEMETRY LINIT | | |
| <u> </u> | CEILING MOUNTED MOTION SENSOR | | P AMPS | CIRCUIT BREAKER OR MOTOR CIRCUIT PROTECTOR, SHOWN WITH TRIP | J | JUNCTION BOX | H, HI HIG | H BROGENI SLILFIDE | RWT | REFLECTED WAVE TRAP | | |
| | CEILING-MOUNTED EXIT LIGHT, SEE FIXTURE SCHEDULE | L | 6 | RATING AND NUMBER OF FOLLS. | | ELECTRICAL PANEL, POWER OR LIGHTING | HMI HUN HOA HAN | IAN MACHINE INTERFAI ID-OFF-AUTO | CE SEQ SES | SERVICE ENTRANCE EQUIPMENT SERVICE ENTRANCE SECTION | | |
| ¥ | WALL-MOUNTED EXIT LIGHT, SEE FIXTURE SCHEDULE | | H $\stackrel{O}{\searrow}$ A | 3 POSITION SELECTOR SWITCH HAND - OFF - AUTO, | 8 | METER BASE | HOR HAN | ID-OFF-REMOTE | SLOS SMC | 5 START-LOCK-OFF-STOP SUBMERSIBLE MANUFACTURER | | |
| | RECESSED CAN LIGHT, SEE FIXTURE SCHEDULE | | 00X | POSITION LEGEND: X=CLOSED U=UPEN | ١ | COMBINATION MOTOR STARTER, SEE SPECS | IC INST ICR INTE | TRUMENTATION CABLE | TOR 502 | CABLE SULFUR DIOXIDE | | |
| | 2 > = C A > ; B 8 = B C A D 🛉 | < | | B POSITION SELECTOR SWITCH, | <u>ن</u> | DISCONNECT SWITCH. | IO INPL ISC SHO | JT/OUTPUT DRT CIRCUIT CURRENT | SP SPC SPP | SET POINT SPARE CONDUIT SPARE | | |
| SYMBOL | DESCRIPTION | | ×O | POSITION LEGEND: X=CLOSED O=OPEN | | VOLTAGE RATING | JB JUN | RINSICALLY SAFE RELAY CTION BOX | 55 555 | START/STOP SOLID STATE STARTER | | |
| (AE) | ANALYZER ELEMENT | | o ↓ ICTO | TIMER RELAY CONTACT INSTANTANEOUS CLOSE TIME DELAY OPEN. | | FUSE (NF-NO FUSE) | L, LO LOW | / MI AREA NETWORK | ST | (SOFT START) SHUNT TRIP | | |
| AIT | ANALYZING INDICATING TRANSMITTER | | NOTC | TIMER RELAY CONTACT NORMALLY OPEN TIME DELAY CLOSE. | | POLES SIZE (AMPS) | LC LOC LC LOC | P CONTROLLER EL CONTROL, LOW | TC TDO | TELEPHONE CABLE E TIME DELAY ON ENERGIZE | | |
| CGD | COMBUSTIBLE GAS DETECTOR | | <u> </u> | FULL VOLTAGE NONREVERSING (FVNR) MOTOR STARTER OR CONTACTER NUMBER DESIGNATES NEMA SIZE. | | THIS NOTATION ADJACENT TO WALL OUTLET SYMBOL DENOTES | LCP LOC LOS LOC | CAL CONTROL PANEL CK-OUT-STOP | TS TSP | TEMPERATURE SWITCH TWISTED SHIELDED PAIR | | |
| CIT | CONDUCTIVITY INDICATING TRANSMITTER | | \bigcirc | RTU, PLC, OR RIO CONTACT | +0'-0" | DEVICE. IF NOT NOTED, THE MOUNTING HEIGHT TO CENTER SHALL BE | LS LEV | AURLIVIOTL EL SWITCH JID TIGHT FI FXIBLE COI | NDUIT TYP | SURGE SUPPRESSION TYPICAI | | |
| (FE) | FLOW ELEMENT | L | (UM) | UTILITY METER | \$ _M | MANUAL MOTOR STARTER | M MO | | UG | UNDERGROUND | | |
| (FIT) | FLOW INDICATING TRANSMITTER | L | | BEACON ALARM LIGHT. LETTER INDICATES COLOR: R=RED, A=AMBER, B=BLUE, G=GREEN | \$ _T | MANUAL MOTOR STARTER WITH OVERLOADS | MA MAI MAX MAX MC MAI | (IMUM) IMUM | V VFD | VOLT VARIABLE FREQUENCY DRIVE | | |
| (F5) | FLOW SWITCH | L | ý vý | PILOT LIGHT. LETTER INDICATES COLOR: R=RED, A=AMBER, B=BLUE, G=GREEN | DM | DAMPER MOTOR | MCB MAI MCC MO | N CIRCUIT BREAKER TOR CONTROL CENTER | W | WATT, WIRE | | |
| | LEVEL ELEMENT | | ° Ro | RELAY | F# | LIGHTING FIXTURE TYPE - SEE FIXTURE SCHEDULE. | MCP MO MFR(S) MAI | TOR CIRCUIT PROTECT(NUFACTURER(S) | DR WAS | WEATHERPROOF | | |
| | LEVEL INDICATING TRANSMITTER | F | (TD) | TIME DELAY RELAY | \$ | SINGLE POLE SWITCH | MGL MIL MH MA | LIGRAMS PER LITER | XFMI XMTI | R IRANSFURMER R TRANSMITTER | | |
| LS | LEVEL SWITCH | F | ¢(AR)o | ALARM RELAY | \$3 | 3 WAY SWITCH | MIN MIN ML MIX | IMUM ED LIQUOR | ZS | POSITION SWITCH | | |
| | LEVEL TRANSMITTER | ľ | | ELAPSED TIME METER | \$4 | 4 WAY SWITCH | MUV MO MTU MAS | TOR OFERATED VALVE STER TELEMETRY UNIT | | | | |
| ME | MOISTURE ELEMENT | ┝ | a M b | | | COMMUNICATION/DATA JACK. CONDUIT TO ABOVE CEILING. OWNER TO RUN WIRING. | | 1 • 1 0 | | $820 \cdot \cdot 8 - 10$ | H 2 / R | |
| MV | MOTOR OPERATED VALVE OR GATE | ┝ | | COUR CTATE REPLICED VOLTAGE CTARTER | | DATA OR CATHODE RAY TUBE (CRT) TERMINAL OUTLET. + I'-6". (SINGLE, DOUBLE) | | | | 020, ,0-40 | | |
| 05 | OVER TORQUE SWITCH | ┝ | 55RV | SULID STATE REDUCED VOLTAGE STARTER | | TELEPHONE JACK OUTLET. 1'-6". (SINGLE, DOUBLE, QUAD) | L SIMBOL | | | | | |
| PIT | PRESSURE INDICATING TRANSMITTER | ┢ | | VARIABLE FREQUENCY DRIVE | Ę | 54434A 34B86=0C8 | >=> | | DUIT | | | |
| (PS) | PRESSURE SWITCH | ┢ | | | | P: 2 I. NUMBER OF CONDUITS | , | BARE COPPER GROU | ND CONDUCT | OR | | |
| SV | SOLENOID OPERATED VALVE | | | CURRENT TRANSFORMER | 6 1 | N: 3 5 G: 4 3. N: NUMBER SIZE OF NEUTRAL CONDUCTOR(S) PER CONDUIT 4. C: NUMBER SIZE OF CONDUCTOR(S) PER CONDUIT | | EXISTING EXPOSED C | ONDUIT | | | |
| (TE) | TEMPERATURE ELEMENT | ┝ | ٩ | | KFY TO CONDU | 5. SIZE OF EACH CONDUIT IN INCHES 6. CONDUIT NUMBER | | EXISTING UNDERGRO | UND CONDUI | Г | | |
| (15) | TEMPERATURE SWITCH | ┝ | | THERMAL OVERLOAD RELAY | 4 = # 4 AWG | COPPER 6 = #6 AWG COPPER $1/0 = 1/0$ AWG COPPER 250 = 250 KCMIL COPPER COPPER 4 = #4 AWG COPPER 210 = 210 AWG COPPER 250 = 250 KCMIL COPPER | | CAPPED UNDERGROL | IND CONDUIT | OR STUBBUP | | |
| | TEMPERATURE TRANSMITTER | ┢ | • • | | 0 = # 0 AWG 8 = #8 AWG | G COPPER $2 = #2$ AWG COPPER $2/0 = 2/0$ AWG COPPER $3/0 = 3/0$ AWG COPPER $500 = 500$ KCMIL COPPERG COPPER $4/0 = 4/0$ AWG COPPER $750 = 750$ KCMIL COPPER | | NEW ELECTRICAL EQU | JIPMENT | | | |
| (ZS) | LIMIT OR POSITION SWITCH | ┝ | \sim | | | | | DETAIL VIEW OR MAT | CHING | | | |
| | | ┝ | | VUOLUK, X = UUKJEUWEK | | | | FUTURE | | | | |
| | | ┢ | | FLIGE | | | | CONDUIT DROP | | | | |
| | | ┢ | • | NODE OR CONNECTION | | | 0 | CONDUIT RISE | | | | |
| | | L | • | | | | | | | | | |
| DESIGNED | RJH 3 · | | | | | | | DOW | /NTOWN | SEWER IMPROVEMENT | S AND PUMP STATION | SHEET |
| DRAFTED CHECKED | .KGM 2 RJH 1 | | | | | | Π | ELE | | CAL | | E-01 |
| DATE M | AY 26, 2022 NO. DATE | | | R E V I S I O N S B | Y APVD. | | KE | SYN | NROL | LEGEND | - | 126.42.300 |





| TYPE | ELECTRICAL | MANUFACTURER | CATALOG NUMBER | DESCRIPTION | SOURCE | NOTES |
|------|------------------|--------------|--|--|--------------------------------|-------|
| FI | 49W 20-277V | LITHONIA | CLX L48 7000LM SEF L/LENS WD MVOLT 50K 80CRI | CLX LED L48, 7000LM, STANDARD EFFICIENCY, LESS LOUVER, LESS LENS, WIDE, MVOLT, GZ I O, 4000K, 80CRI, PAINTED WHITE SHEET METAL | 5000K CCT 7000 Lm 80 CRI | |
| FIE | 49W 20-277V | LITHONIA | CLX L48 7000LM SEF L/LENS WD MVOLT 50K 80CRI E I OWLCP | SAME AS FI BUT WITH I OW EMERGENCY BATTERY PACK | 5000K CCT 7000 Lm 80 CRI | |
| F2 | 51W 120-277V | LITHONIA | FEM L48 8000LM LPPFL MD 80CRI 50K STSL | FEM LED 48", 8,000 LUMENS, POLYCARBONATE, LOW PROFILE FROSTED LENS, MEDIUM DISTRIBUTION, 80 CRI, 5000 K STAINLESS STEEL LATCHES | 5000K CCT 8000 Lm 80 CRI | |
| F2E | 51W 120-277V | LITHONIA | FEM L48 8000LM LPPFL MD 80CRI 50K STSL | SAME AS F2 BUT WITH I OW EMERGENCY BATTERY PACK | 5000K CCT 8000 Lm 80 CRI | |
| F3 | 25W 20-277V | LITHONIA | WST LED P2 50K VF MVOLT PE DDBXD | LED WALL PACK. DIE-CAST ALUMINUM HOUSING, FORWARD THROW OPTICS. PROVIDE INTEGRAL BUTTON TYPE PHOTOCELL. | 5000K CCT 3000 Lm 70 CRI | |
| F4 | 40W 20-277V | HOLOPHANE | EMXH L48 GOOOLM PGFL WD MVOLT 40K 80CRI | CLASS I DIV 2 HAZARDOUS CLASSIFICATION 4FT LINEAR WIDE DISTRIBUTION | 5000K CCT 6000 Lm 80 CRI | |

CONTROL CONDUIT SCHEDULE

| C100 | 4-# 4, -# 4 GND, 3/4"C |
|------|--|
| C 0 | 2-#16 TSP, 1-#16 GND, 1"C |
| C102 | FLOW ELEMENT CABLE TO FLOW TRANSMITTER, I "C |
| C103 | LEVEL ELEMENT CABLE TO LEVEL TRANSMITTER, I "C |
| C104 | PULL LINE, I"C |
| C105 | CAT 6 CABLE, I"C |
| C106 | 4-# 4, -# 4 GND, "C |
| C107 | 3-#16 TSP, 1-#16 GND, 1"C |
| C108 | FLOAT SWITCH CABLE, I "C |
| C109 | 6-# 4, -# 4 GND, "C |
| C110 | 8-# 4, -# 4 GND, "C |
| C | 4 - FIBER OPTIC, 4" HDPE WITH (4) I" INNER DUCTS |
| CI12 | MANUFACTURER'S CABLE I "C |
| C 3 | 8 - #16 TSP 3-WIRE TRIPLEX RTD CABLE, 2-#12, 1-#12 GND, 1-1/4"C |

POWER CONDUIT SCHEDULE

| | | P: 3 - #8 | | | | CONDUCTORS | | |
|------|---|------------|--------|-------|---|------------|--------|--|
| P105 | 1 | N: NONE | 3/4" | P00 I | 3 | BY | 4" | |
| | | G: - # 0 | | | | UTILITY | | |
| | | | | | | | | |
| | | P: 3-#12 | | | | CONDUCTORS | | |
| P106 | 1 | N: NONE | 3/4" | P002 | I | BY | - /4" | |
| | | G: - # 2 | | | | UTILITY | | |
| | | | | | | | | |
| | | P: 2-#6 | | | | P: 3 - 500 | | |
| P107 | 1 | N: NONE | 3/4" | P100 | 2 | N: I - 500 | 3-1/2" | |
| | | G: - # 0 | | | | G: - /O | | |
| | | | | | | | • | |
| | | P: 3-#6 | _ | | | P: 3 - 3/0 | | |
| P108 | 1 | N: NONE | " | PIOI | I | N: NONE | 2" | |
| | | G: - # 0 | | | | G: - #4 | | |
| | | | | | | | | |
| | | P: 2-#12 | | | | P: 3-#10 | | |
| P109 | 1 | N: NONE | 3/4" | P102 | Ι | N: NONE | 3/4" | |
| | | G: - # 2 | | | | G: - # 0 | | |
| | | | | | | | | |
| | | P: 3 - 500 | | | | P: 3-#4 | | |
| PIIO | 2 | N: - 500 | 3-1/2" | P103 | | N: NONE | - /4" | |
| | | G: NONE | | | | G: - #4 | | |
| | | | | | | | | |
| | | P: - # 4 | | | | P: 3 - 2/0 | | |
| PIII | 1 | N: - # 4 | 3/4" | P104 | | N: NONE | 2" | |
| | | G: - # 4 |] | | | G. - #6 | · - | |
| | | • | | | | U | | |

PROVIDE MINIMUM I " CONDUIT UNDERGROUND



| ISEN | | DESIGNED RJH | 3 | | | SCALE | |
|-------|---------------------|-------------------|----------|-----------|--------|-------|--|
| LLEN | Heath | DRAFTED KGM | 2 | | | | |
| UCE | Engineering Company | CHECKED RJH | 1 | | | | |
| NEERS | | DATE MAY 26, 2022 | NO. DATE | REVISIONS | BY APV | /D. | |

| | | | | | | MAIN B | BREAKER AMPS 175 | j | 80% | BUS | AMPS: | 225 | |
|--|--|---|---|---|---|--|---|---|--|---|---|--|---|
| VOLTAG | E: | 208/120 | V 3Ø 4W | CIRCUIT BREAKER TYPE: | BOLT-ON | | | Ν | MOUNTING: SURFACE | | | | |
| ENCLOSUR | le: Ne | MAI | | INTERRUPTING CAPACITY: | I O KAIC | | | CC | DVER TYPE: DOOR-IN-DOO | 2 | | | |
| RANCH CIRCU | IT BREAKE | २ | CONNECTION | | | PHASE | | | CONNECTION | | BRANCH | CIRCUIT BREA | KER |
| # | AMP | Ρ. | load (va) | DESCRIPTION | A | В | С | DESCRIPTION | load (VA) | P. | AMP | # | NOTES |
| L-1 | 20 | | 799 | LIGHTING | 2299 | 3120 | | GENERATOR BLOCK HEATER | 1500 | 2 | 20 | L-2 | |
| L-5 | 20 | | 900 | RECEPTACLES | | 5120 | 2300 | GENERATOR AUX | 400 | - | 20 | L-4 L-6 | |
| L-7 | 20 | | 150 | FLOW METER | 1326 | | | SUMP | 1176 | | 20 | L-8 | |
| L-9 | 25 | | 1200 | SPARE | | 4160 | 5300 | WELDER | 4160 | 2 | 50 | L-10 | |
| L-13 | 40 | 3 | 2004 | CRANE HOIST | 2504 | | 3360 | COMBUSTIBLE GAS ALARM PANEL | 500 | - | 20 | L-12 | |
| L-15 | | | 2004 | | | 4008 | | HEADWORKS CRANE HOIST | 2004 | 3 | 40 | L-16 | |
| L-17 | | | 2004 | PLIMP ROOM VENT FAN REF. I | 3426 | | 4008 | | 2004 | | | L-18 | |
| L-21 | 40 | 3 | 2004 | LOWER CRANE HOIST | 0420 | 2252 | | HEADWORKS LIGHTING | 248 | | 20 | L-20 | |
| L-23 | | | 2004 | | | | 2004 | SPARE | | | 20 | L-24 | |
| L-25 | 20 | | 2004 | SPARF | 2004 | 0 | | SPARE | | | 20 20 | L-26 | |
| L-29 | 20 | | | SPARE | | | 0 | SPARE | | | 20 | L-30 | |
| L-31 | 20 | | | SPARE | 0 | | | SPARE | | | 20 | L-32 | |
| L-33 | 20 | | | SPARE SPARE | | 0 | 0 | SPARE | | | 20 20 | L-34 | |
| L-37 | 20 | | | SPARE | 0 | | <u> </u> | SPARE | | | 20 | L-38 | |
| L-39 | 20 | | | SPARE | | 0 | | SPARE | | | 20 | L-40 | |
| L-4 | 20 | | | SPARE PHASE SUBTOTALS (VA) | 11559 | 13540 | 0 | SPARE | [| | 20 | L-42 | |
| | | | | PHASE TOTALS (KVA) | 11.6 | 13.5 | 13.7 | | | | | | |
| | | | | PHASE TOTALS @ 120V (AMPS) | 96.3 | 112.8 | 3.9 | | | | | | |
| FNCLOSUR | E: NE | MA I | | INTERRUPTING CAPACITY: | 65 KAIC | | | CC | OVER TYPE: DOOR-IN-DOO | 2 | | | |
| | | | | | | | | | | | | | |
| | IT RDEAVE | 2 | | | 1 | PHAGE | | | LOCATION: AS INDICATED | | RDANCH | | VED |
| RANCH CIRCU | IIT BREAKE | R P. | CONNECTION LOAD (VA) | DESCRIPTION | A | PHASE | С | DESCRIPTION | LOCATION: AS INDICATED CONNECTION LOAD (VA) | Ρ. | BRANCH AMP | CIRCUIT BREA # | KER NOTES |
| BRANCH CIRCU # MDP-1 | IT BREAKE AMP 225 | २ Р. З | CONNECTION LOAD (VA) 38780 | DESCRIPTION PUMP P I | A 50339 | PHASE B | С | DESCRIPTION TRANSFORMER TL (45KVA) | LOCATION: AS INDICATED CONNECTION LOAD (VA) I 1559 | P. 3 | BRANCH AMP 70 | CIRCUIT BREA # MDP-2 | KER NOTES |
| BRANCH CIRCU # MDP-1 MDP-3 | IIT BREAKE AMP 225 | R P. 3 | CONNECTION LOAD (VA) 38780 38780 28780 | DESCRIPTION PUMP P I | A 50339 | PHASE B 52320 | C | DESCRIPTION TRANSFORMER TL (45KVA) | LOCATION: AS INDICATED CONNECTION LOAD (VA) I 1559 I 3540 | P. 3 | BRANCH AMP 70 | CIRCUIT BREA # MDP-2 MDP-4 | KER NOTES |
| BRANCH CIRCU # MDP-1 MDP-3 MDP-5 MDP-7 | IIT BREAKE AMP 225 225 | R P. 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 | DESCRIPTION PUMP P I PUMP P2 | A 50339 43433.6 | PHASE B 52320 | C 52452 | DESCRIPTION TRANSFORMER TL (45KVA) WAC- I | LOCATION: AS INDICATED CONNECTION LOAD (VA) 1 1 559 1 3540 1 3672 4654 | P. 3 3 | BRANCH AMP 70 30 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-8 | KER NOTES |
| BRANCH CIRCU # MDP-1 MDP-3 MDP-5 MDP-7 MDP-9 | IIT BREAKE AMP 225 225 | R P. 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 | DESCRIPTION PUMP P I PUMP P2 | A 50339 43433.6 | PHASE B 52320 43433.6 | C 52452 | DESCRIPTION TRANSFORMER TL (45KVA) WAC- I | LOCATION: AS INDICATED CONNECTION LOAD (VA) 1 1 559 1 3540 1 3672 4654 4654 | P. 3 3 | BRANCH AMP 70 30 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-8 MDP-10 | KER NOTES |
| BRANCH CIRCU # MDP-1 MDP-3 MDP-5 MDP-7 MDP-9 MDP-11 MDP-13 | IIT BREAKE AMP 225 225 225 225 | R P. 3 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 38780 | DESCRIPTION PUMP P I PUMP P2 PIMP P3 | A 50339 43433.6 | PHASE B 52320 43433.6 | C 52452 43433.6 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 GRINDER | LOCATION: AS INDICATED CONNECTION LOAD (VA) I 1559 I 3540 I 3672 4654 4654 4654 2105 | P. 3 3 3 | BRANCH AMP 70 30 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-10 MDP-12 MDP-14 | KER NOTES |
| BRANCH CIRCU # MDP-1 MDP-3 MDP-3 MDP-5 MDP-7 MDP-7 MDP-9 MDP-11 MDP-13 MDP-15 | IIT BREAKE AMP 225 225 225 225 225 | R P. 3 3 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 38780 0 0 | DESCRIPTION PUMP P I PUMP P2 PUMP P3 | A 50339 43433.6 2105 | PHASE B 52320 43433.6 2105 | C 52452 43433.6 | DESCRIPTION TRANSFORMER TL (45KVA) WAC- I GRINDER | LOCATION: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105 2105 | P. 3 3 3 3 | BRANCH AMP 70 30 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-8 MDP-10 MDP-12 MDP-14 MDP-16 | KER NOTES |
| 3RANCH CIRCU # MDP-1 MDP-3 MDP-5 MDP-7 MDP-7 MDP-9 MDP-11 MDP-13 MDP-15 | IT BREAKE AMP 225 225 225 225 225 225 | R P. 3 3 3 3 2 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 38780 0 0 0 0 | DESCRIPTION PUMP P I PUMP P2 PUMP P3 PUMP P3 | A 50339 43433.6 2105 | PHASE B 52320 43433.6 2105 | C 52452 43433.6 2105 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 GRINDER | LOCATION: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 4654 2105 2105 2105 | P. 3 3 3 3 2 | BRANCH AMP 70 30 20 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-8 MDP-10 MDP-12 MDP-14 MDP-16 MDP-18 | KER NOTES |
| BRANCH CIRCU # MDP-1 MDP-3 MDP-5 MDP-7 MDP-7 MDP-11 MDP-13 MDP-15 MDP-19 MDP-19 MDP-21 | IT BREAKE AMP 225 225 225 225 225 225 40 | R P. 3 3 3 3 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 38780 0 0 0 0 0 5817 5817 | DESCRIPTION PUMP P I PUMP P2 PUMP P3 PUMP P4 | A 50339 43433.6 2105 5817 | PHASE B 52320 43433.6 2105 2105 5817 | C 52452 43433.6 2105 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 GRINDER SPARE | LOCATION: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105 2105 2105 2105 | P. 3 3 3 3 3 3 | BRANCH AMP 70 30 20 20 20 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-10 MDP-10 MDP-12 MDP-14 MDP-16 MDP-18 MDP-20 MDP-22 | KER NOTES |
| BRANCH CIRCU # MDP-1 MDP-3 MDP-5 MDP-7 MDP-7 MDP-11 MDP-13 MDP-15 MDP-19 MDP-19 MDP-21 MDP-23 | IIT BREAKE AMP 225 225 225 225 225 40 40 | R P. 3 3 3 3 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 5817 5817 5817 | DESCRIPTION PUMP P I PUMP P2 PUMP P3 PUMP P4 | A 50339 43433.6 2105 5817 | PHASE B 52320 43433.6 2105 2105 5817 | C C 52452 52452 43433.6 2105 2105 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 GRINDER SPARE | LOCATION: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105 2105 2105 2105 2105 | P. 3 3 3 3 3 3 | BRANCH AMP 70 30 20 20 20 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-10 MDP-10 MDP-12 MDP-14 MDP-16 MDP-18 MDP-20 MDP-22 MDP-24 | KER NOTES |
| BRANCH CIRCU # MDP-1 MDP-3 MDP-5 MDP-5 MDP-7 MDP-7 MDP-11 MDP-13 MDP-15 MDP-19 MDP-19 MDP-23 MDP-23 MDP-25 | IIT BREAKE AMP 225 225 225 225 225 40 40 | R P. 3 3 3 3 3 3 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 0 38780 0 0 0 0 0 5817 5817 5817 5817 | DESCRIPTION PUMP P I PUMP P2 PUMP P3 PUMP P4 PUMP P4 PUMP P5 | A 50339 43433.6 2105 2105 5817 5817 | PHASE B 52320 43433.6 2105 2105 5817 | C C 52452 52452 43433.6 2105 2105 5817 | DESCRIPTION TRANSFORMER TL (45KVA) WAC- I GRINDER SPARE SPARE | LOCATION: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105 2105 2105 2105 1 2105 2105 | P. 3 3 3 3 3 3 3 | BRANCH AMP 70 30 20 20 20 20 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-70 MDP-10 MDP-10 MDP-14 MDP-16 MDP-16 MDP-20 MDP-22 MDP-22 MDP-24 MDP-26 | KER NOTES |
| BRANCH CIRCU # MDP-1 MDP-3 MDP-5 MDP-5 MDP-7 MDP-9 MDP-11 MDP-13 MDP-13 MDP-15 MDP-17 MDP-19 MDP-21 MDP-23 MDP-25 MDP-27 MDP-29 | IIT BREAKE AMP 225 225 225 225 225 40 40 40 40 | R P. 3 3 3 3 3 3 3 3 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 38780 0 38780 0 0 0 5817 5817 5817 5817 5817 5817 | DESCRIPTION PUMP PI PUMP P2 PUMP P3 PUMP P3 PUMP P4 PUMP P5 | A 50339 43433.6 2105 2105 5817 5817 | PHASE B 52320 43433.6 2105 2105 5817 5817 | C 52452 52452 43433.6 2105 2105 5817 5817 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 WAC-1 GRINDER SPARE SPARE SPARE | LOCATION: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 4654 2105 2105 2105 2105 1 1 1 1 1 1 1 1 1 1 1 1 1 | P. 3 3 3 3 3 3 3 3 | BRANCH AMP 70 30 20 20 20 20 20 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-70 MDP-10 MDP-10 MDP-12 MDP-14 MDP-16 MDP-18 MDP-20 MDP-22 MDP-22 MDP-24 MDP-26 MDP-28 MDP-30 | KER NOTES |
| BRANCH CIRCU # MDP-1 MDP-3 MDP-5 MDP-5 MDP-7 MDP-9 MDP-11 MDP-13 MDP-13 MDP-13 MDP-17 MDP-19 MDP-21 MDP-23 MDP-25 MDP-27 MDP-29 MDP-31 | IIT BREAKE AMP 225 225 225 225 225 40 40 40 20 | R P. 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 0 0 0 0 5817 5817 5817 5817 5817 5817 5817 | DESCRIPTION PUMP P1 PUMP P2 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP P5 PUMP ROOM HEATER (EUH-3) | A 50339 43433.6 2105 2105 5817 5817 5817 | PHASE B 52320 43433.6 2105 2105 5817 5817 | C C 52452 52452 43433.6 2105 2105 5817 5817 5817 | DESCRIPTION TRANSFORMER TL (45KVA) WAC- I WAC- I GRINDER SPARE SPARE SPARE SPARE SPARE | LOCATION: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 4654 2105 2105 2105 1 2105 2105 2105 | P. 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | BRANCH AMP 70 30 20 20 20 20 20 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-10 MDP-10 MDP-12 MDP-14 MDP-16 MDP-18 MDP-18 MDP-20 MDP-22 MDP-22 MDP-24 MDP-26 MDP-28 MDP-30 MDP-30 | KER NOTES |
| BRANCH CIRCU # MDP-1 MDP-3 MDP-5 MDP-7 MDP-9 MDP-13 MDP-13 MDP-13 MDP-13 MDP-19 MDP-19 MDP-21 MDP-23 MDP-25 MDP-27 MDP-29 MDP-31 MDP-31 | IIT BREAKE AMP 225 225 225 225 225 40 40 40 20 20 | R P. 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 0 0 0 0 5817 5817 5817 5817 5817 5817 5817 5817 | DESCRIPTION PUMP P1 PUMP P2 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP ROOM HEATER (EUH-3) | A 50339 43433.6 2105 2105 5817 5817 5817 | PHASE B 52320 43433.6 2105 2105 5817 5817 5817 | C C 52452 52452 43433.6 2105 2105 5817 5817 5817 5817 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 WAC-1 GRINDER SPARE SPARE SPARE ODOR CONTROL UNIT | LOCATION: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 4654 2105 2105 2105 2105 2105 2105 2105 2105 2105 | P. 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | BRANCH AMP 70 30 20 20 20 20 20 20 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-10 MDP-10 MDP-12 MDP-14 MDP-16 MDP-18 MDP-18 MDP-20 MDP-22 MDP-24 MDP-26 MDP-28 MDP-28 MDP-30 MDP-32 MDP-34 | KER NOTES |
| BRANCH CIRCU # MDP-1 MDP-3 MDP-5 MDP-7 MDP-9 MDP-13 MDP-13 MDP-13 MDP-13 MDP-19 MDP-19 MDP-21 MDP-21 MDP-23 MDP-25 MDP-27 MDP-29 MDP-31 MDP-35 MDP-37 | IIT BREAKE AMP 225 225 225 225 225 40 40 40 20 20 20 50 | R P. 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 0 0 0 0 5817 5817 5817 5817 5817 5817 5817 5817 | DESCRIPTION PUMP P1 PUMP P2 PUMP P2 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP ROOM HEATER (EUH-3) HEADWORKS SCREEN CONTROL PANEL | A 50339 43433.6 2105 2105 5817 5817 5817 5817 | PHASE B 52320 43433.6 2105 2105 5817 5817 5817 | C C 52452 52452 43433.6 2105 2105 2105 5817 5817 5817 5817 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 WAC-1 GRINDER GRINDER SPARE SPARE SPARE ODOR CONTROL UNIT ODOR CONTROL UNIT | LOCATION: AS INDICATED CONNECTION LOAD (VA) I 1559 I 3540 I 3540 I 3672 4654 4654 4654 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 | P. 3 3 3 3 3 3 3 3 | BRANCH AMP 70 30 20 20 20 20 20 20 20 20 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-10 MDP-10 MDP-12 MDP-14 MDP-16 MDP-18 MDP-18 MDP-20 MDP-22 MDP-24 MDP-24 MDP-26 MDP-28 MDP-28 MDP-30 MDP-32 MDP-34 MDP-36 MDP-38 | KER NOTES |
| BRANCH CIRCU # MDP-1 MDP-3 MDP-5 MDP-7 MDP-11 MDP-13 MDP-15 MDP-13 MDP-14 MDP-15 MDP-15 MDP-17 MDP-18 MDP-21 MDP-23 MDP-24 MDP-25 MDP-27 MDP-23 MDP-31 MDP-35 MDP-37 MDP-39 | IIT BREAKE AMP 225 225 225 225 225 225 40 40 40 20 20 50 50 | R P. 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 0 0 5817 5817 5817 5817 5817 5817 5817 5817 | DESCRIPTION PUMP P I PUMP P2 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP P5 PUMP ROOM HEATER (EUH-3) HEADWORKS SCREEN CONTROL PANEL | A 50339 43433.6 2105 2105 5817 5817 5817 5817 5817 | PHASE B 52320 43433.6 2105 2105 5817 5817 5817 5817 | C C 52452 52452 43433.6 2105 2105 2105 5817 5817 5817 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 WAC-1 GRINDER GRINDER SPARE SPARE ODOR CONTROL UNIT ODOR CONTROL UNIT | LOCATION: AS INDICATED CONNECTION LOAD (VA) I 1559 I 3540 I 3540 I 3672 4654 4654 4654 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 | P. 3 3 3 3 3 | BRANCH AMP 70 30 20 20 20 20 20 20 20 20 20 20 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-10 MDP-10 MDP-12 MDP-14 MDP-14 MDP-16 MDP-18 MDP-20 MDP-20 MDP-22 MDP-24 MDP-26 MDP-28 MDP-28 MDP-28 MDP-30 MDP-32 MDP-34 MDP-36 MDP-38 MDP-38 MDP-38 | KER NOTES |
| BRANCH CIRCU # MDP-1 MDP-3 MDP-7 MDP-11 MDP-13 MDP-13 MDP-19 MDP-19 MDP-19 MDP-21 MDP-23 MDP-24 MDP-33 MDP-33 MDP-33 MDP-33 MDP-33 MDP-33 MDP-34 MDP-34 MDP-34 | IIT BREAKE AMP 225 225 225 225 225 225 40 40 40 20 20 50 50 | R P. 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 2 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 0 5817 5817 5817 5817 5817 5817 5817 5817 | DESCRIPTION PUMP P1 PUMP P2 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP ROOM HEATER (EUH-3) HEADWORKS SCREEN CONTROL PANEL | A 50339 43433.6 2105 2105 5817 5817 5817 5817 5817 | PHASE B 52320 43433.6 2105 2105 2105 5817 5817 5817 5817 5817 | C C 52452 52452 43433.6 2105 2105 2105 5817 5817 5817 5817 1 5817 1 5817 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 WAC-1 GRINDER GRINDER SPARE SPARE SPARE ODOR CONTROL UNIT ODOR CONTROL UNIT CDOR CONTROL UNIT CDOR CONTROL UNIT CDOR CONTROL UNIT | LOCATION: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 | P. 3 2 3 2 3 2 3 2 3 2 3 2 2 2 | BRANCH AMP 70 30 20 20 20 20 20 20 20 20 20 20 20 20 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-10 MDP-10 MDP-12 MDP-14 MDP-16 MDP-18 MDP-20 MDP-20 MDP-22 MDP-24 MDP-26 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-30 MDP-32 MDP-34 MDP-36 MDP-38 MDP-30 MDP-36 | KER NOTES |
| BRANCH CIRCU # MDP-1 MDP-3 MDP-5 MDP-7 MDP-7 MDP-9 MDP-11 MDP-13 MDP-13 MDP-13 MDP-19 MDP-19 MDP-19 MDP-19 MDP-21 MDP-21 MDP-23 MDP-23 MDP-23 MDP-23 MDP-23 MDP-23 MDP-23 MDP-33 MDP-33 MDP-33 MDP-33 MDP-33 MDP-39 MDP-34 MDP-41 MDP-43 | IIT BREAKE AMP 225 225 225 225 225 225 40 40 40 20 50 50 20 20 20 | R P. 3 3 3 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 0 0 0 0 5817 5817 5817 5817 5817 5817 5817 5817 | DESCRIPTION PUMP P1 PUMP P2 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP ROOM HEATER (EUH-3) HEADWORKS SCREEN CONTROL PANEL HEADWORKS UNIT HEATER (EUH-1) | A 50339 43433.6 2105 2105 5817 5817 5817 5817 5817 12077 | PHASE B 52320 43433.6 2105 2105 2105 5817 5817 5817 5817 5817 12077 | C C 52452 52452 43433.6 2105 2105 2105 5817 5817 5817 5817 1 5817 1 1 5817 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 WAC-1 GRINDER GRINDER SPARE SPARE ODOR CONTROL UNIT ODOR CONTROL UNIT SPARE SPARE SPARE SPARE SPARE SPARE SPARE | LOCATION: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 | P. 3 | BRANCH AMP 70 30 20 20 20 20 20 20 20 20 20 20 20 20 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-10 MDP-10 MDP-12 MDP-14 MDP-16 MDP-18 MDP-20 MDP-22 MDP-24 MDP-26 MDP-26 MDP-28 MDP-28 MDP-28 MDP-24 MDP-30 MDP-32 MDP-34 MDP-36 MDP-38 MDP-36 MDP-38 MDP-36 MDP-36 MDP-38 MDP-40 MDP-42 MDP-44 | KER NOTES I </td |
| BRANCH CIRCU # MDP-1 MDP-3 MDP-5 MDP-7 MDP-7 MDP-9 MDP-11 MDP-13 MDP-13 MDP-13 MDP-19 MDP-19 MDP-19 MDP-19 MDP-19 MDP-21 MDP-23 MDP-23 MDP-23 MDP-23 MDP-23 MDP-23 MDP-23 MDP-33 MDP-33 MDP-33 MDP-33 MDP-33 MDP-34 MDP-34 MDP-41 MDP-43 | IT BREAKE AMP 225 225 225 225 225 225 40 40 40 20 50 50 20 20 20 20 20 20 20 20 20 | P. 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 0 0 0 0 0 5817 5817 5817 5817 5817 5817 5817 5817 | DESCRIPTION PUMP P1 PUMP P2 PUMP P3 PUMP P3 PUMP P3 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP ROOM HEATER (EUH-3) HEADWORKS SCREEN CONTROL PANEL HEADWORKS UNIT HEATER (EUH-1) HEADWORKS UNIT HEATER (EUH-1) | A 50339 43433.6 2105 2105 5817 5817 5817 5817 5817 12077 | PHASE B 52320 43433.6 2105 2105 5817 5817 5817 5817 5817 12077 | C C 52452 52452 43433.6 43433.6 2105 2105 5817 5817 5817 5817 5817 1 5817 1 5817 1 5817 1 5817 1 5817 1 5817 1 5817 1 5817 1 5817 1 5817 1 5817 1 5817 1 5817 1 1 1 1 1 1 1 1 1 1 1 1 1 <td>DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 WAC-1 GRINDER GRINDER SPARE SPARE ODOR CONTROL UNIT ODOR CONTROL UNIT SPARE SPARE SPARE SPARE</td> <td>LOCATION: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105</td> <td>P. 3 3 3 3 3 3 3 3 3 3 </td> <td>BRANCH AMP 70 30 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20</td> <td>CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-10 MDP-10 MDP-12 MDP-14 MDP-16 MDP-20 MDP-22 MDP-24 MDP-24 MDP-26 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-30 MDP-30 MDP-30 MDP-32 MDP-34 MDP-36 MDP-38 MDP-38 MDP-40 MDP-42 MDP-42 MDP-44 MDP-46 MDP-48</td> <td>KER NOTES I<!--</td--></td> | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 WAC-1 GRINDER GRINDER SPARE SPARE ODOR CONTROL UNIT ODOR CONTROL UNIT SPARE SPARE SPARE SPARE | LOCATION: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105 | P. 3 3 3 3 3 3 3 3 3 3 | BRANCH AMP 70 30 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-10 MDP-10 MDP-12 MDP-14 MDP-16 MDP-20 MDP-22 MDP-24 MDP-24 MDP-26 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-30 MDP-30 MDP-30 MDP-32 MDP-34 MDP-36 MDP-38 MDP-38 MDP-40 MDP-42 MDP-42 MDP-44 MDP-46 MDP-48 | KER NOTES I </td |
| BRANCH CIRCU # MDP-1 MDP-3 MDP-5 MDP-7 MDP-7 MDP-1 MDP-13 MDP-13 MDP-13 MDP-13 MDP-19 MDP-19 MDP-19 MDP-19 MDP-19 MDP-21 MDP-23 MDP-23 MDP-23 MDP-23 MDP-23 MDP-23 MDP-23 MDP-23 MDP-33 MDP-33 MDP-33 MDP-33 MDP-33 MDP-35 MDP-37 MDP-39 MDP-41 MDP-43 MDP-43 MDP-45 MDP-49 MDP-49 MDP-49 MDP-49 | IT BREAKE AMP 225 225 225 225 225 225 40 40 40 20 50 50 20 20 20 20 20 | P. 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 0 38780 0 0 0 0 0 0 0 0 0 0 5817 5817 5817 5817 5817 5817 5817 5817 | DESCRIPTION PUMP P1 PUMP P2 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP ROOM HEATER (EUH-3) HEADWORKS UNIT HEATER (EUH-1) HEADWORKS UNIT HEATER (EUH-2) | A 50339 43433.6 2105 2105 5817 5817 5817 5817 5817 12077 12077 12077 | PHASE B 52320 43433.6 2105 2105 5817 5817 5817 5817 5817 12077 12077 12077 | C C 52452 52452 43433.6 2105 2105 2105 2105 2105 2105 2105 2105 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 WAC-1 GRINDER GRINDER SPARE SPARE ODOR CONTROL UNIT ODOR CONTROL UNIT SPARE ODOR CONTROL UNIT HEADWORKS ROLL-UP DOOR | LOCATION: AS INDICATED CONNECTION LOAD (VA) I 1559 I 3540 I 3672 4654 4654 4654 2105 2 | P. 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | BRANCH AMP 70 30 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-8 MDP-10 MDP-10 MDP-12 MDP-14 MDP-16 MDP-20 MDP-22 MDP-24 MDP-20 MDP-22 MDP-24 MDP-23 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-20 MDP-28 MDP-20 MDP-30 MDP-30 MDP-30 MDP-40 MDP-50 | KER NOTES Image: Constraint of the second secon |
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| BRANCH CIRCU # MDP-1 MDP-3 MDP-3 MDP-5 MDP-7 MDP-9 MDP-1 MDP-13 MDP-13 MDP-13 MDP-13 MDP-13 MDP-19 MDP-19 MDP-19 MDP-21 MDP-23 MDP-23 MDP-23 MDP-23 MDP-23 MDP-23 MDP-23 MDP-23 MDP-33 MDP-33 MDP-35 MDP-35 MDP-41 MDP-41 MDP-43 MDP-41 MDP-43 MDP-45 MDP-49 MDP-41 MDP-49 MDP-49 MDP-51 MDP-55 MDP-57 MDP-59 MDP-53 | IT BREAKE AMP 225 225 225 225 225 225 225 225 225 20 | P. 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 3333 3333 3333 3333 3333 3333 3333 33518 3518 3518 3518 3518 3518 3518 <t< td=""><td>DESCRIPTION PUMP P1 PUMP P2 PUMP P3 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP ROOM HEATER (EUH-3) PUMP ROOM HEATER (EUH-1) HEADWORKS SCREEN CONTROL PANEL HEADWORKS UNIT HEATER (EUH-1) HEADWORKS UNIT HEATER (EUH-1) </td><td>A 50339 43433.6 2105 2105 317 5817 5817 5817 5817 5817 5817 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077</td><td>PHASE B 52320 43433.6 2105 2105 2105 5817 5817 5817 5817 5817 10 5817 10 5817 10 5817 10 5817 10 5817 10 5817 10 10 5817 10 10 5817 10 10 10 10 10 10 10 10 10 10 10 10 10</td><td>C C 52452 52452 43433.6 43433.6 2105 2105 5817 5817 5817 5817 1 5817 3518 12077 3518 3518 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077</td><td>DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 WAC-1 GRINDER GRINDER SPARE SPARE SPARE SPARE ODOR CONTROL UNIT ODOR CONTROL UNIT ODOR CONTROL UNIT SPARE SPARE HEADWORKS ROLL-UP DOOR HEADWORKS ROLL-UP DOOR AERIGATOR 2 PROVISION PROVISION PROVISION PROVISION</td><td>LOCATION: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13540 13672 4654 4654 2105 </td></t<> <td>P. 3 </td> <td>BRANCH AMP 70 30 20 <</td> <td>CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-10 MDP-10 MDP-12 MDP-14 MDP-16 MDP-20 MDP-20 MDP-20 MDP-24 MDP-26 MDP-28 MDP-28 MDP-20 MDP-30 MDP-30 MDP-30 MDP-30 MDP-30 MDP-40 MDP-40 MDP-40 MDP-40 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50</td> <td>Image: Notes Notes Image: Notes</td> | DESCRIPTION PUMP P1 PUMP P2 PUMP P3 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP ROOM HEATER (EUH-3) PUMP ROOM HEATER (EUH-1) HEADWORKS SCREEN CONTROL PANEL HEADWORKS UNIT HEATER (EUH-1) HEADWORKS UNIT HEATER (EUH-1) | A 50339 43433.6 2105 2105 317 5817 5817 5817 5817 5817 5817 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 | PHASE B 52320 43433.6 2105 2105 2105 5817 5817 5817 5817 5817 10 5817 10 5817 10 5817 10 5817 10 5817 10 5817 10 10 5817 10 10 5817 10 10 10 10 10 10 10 10 10 10 10 10 10 | C C 52452 52452 43433.6 43433.6 2105 2105 5817 5817 5817 5817 1 5817 3518 12077 3518 3518 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 WAC-1 GRINDER GRINDER SPARE SPARE SPARE SPARE ODOR CONTROL UNIT ODOR CONTROL UNIT ODOR CONTROL UNIT SPARE SPARE HEADWORKS ROLL-UP DOOR HEADWORKS ROLL-UP DOOR AERIGATOR 2 PROVISION PROVISION PROVISION PROVISION | LOCATION: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13540 13672 4654 4654 2105 | P. 3 | BRANCH AMP 70 30 20 < | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-10 MDP-10 MDP-12 MDP-14 MDP-16 MDP-20 MDP-20 MDP-20 MDP-24 MDP-26 MDP-28 MDP-28 MDP-20 MDP-30 MDP-30 MDP-30 MDP-30 MDP-30 MDP-40 MDP-40 MDP-40 MDP-40 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 | Image: Notes Notes Image: Notes |
| BRANCH CIRCU # MDP-1 MDP-3 MDP-5 MDP-7 MDP-11 MDP-13 MDP-15 MDP-17 MDP-19 MDP-19 MDP-21 MDP-23 MDP-24 MDP-25 MDP-27 MDP-28 MDP-29 MDP-21 MDP-23 MDP-24 MDP-25 MDP-31 MDP-33 MDP-34 MDP-35 MDP-41 MDP-43 MDP-43 MDP-43 MDP-43 MDP-41 MDP-43 MDP-43 MDP-43 MDP-43 MDP-41 MDP-43 MDP-41 MDP-43 MDP-43 MDP-43 MDP-53 MDP-54 MDP-55 MDP-56 MDP-63 MDP-65 | IT BREAKE AMP 225 225 225 225 225 225 225 225 225 225 225 20 20 20 20 20 20 20 20 20 20 20 20 20 20 | P. 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 3333 3333 3333 3333 3333 3333 3333 33518 3518 3518 3518 3518 3518 3518 | DESCRIPTION PUMP P1 PUMP P2 PUMP P3 PUMP P3 PUMP P3 PUMP P3 PUMP P4 PUMP ROOM HEATER (EUH-3) | A 50339 43433.6 2105 2105 32105 35817 5817 5817 5817 5817 35817 12077 12077 12077 3518 3518 3518 4100 4100 14958 14958 | PHASE B 52320 43433.6 2 2105 2 2105 3 5817 5817 5817 5817 3 5817 1 5817 1 3 5817 1 3 5817 1 3 5817 1 3 5 8 1 7 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 | C C 52452 52452 43433.6 43433.6 2105 2105 5817 5817 5817 5817 1 5817 1 5817 1 5817 1 5817 1 3518 1 3518 1 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 WAC-1 GRINDER GRINDER SPARE SPARE SPARE SPARE ODOR CONTROL UNIT ODOR CONTROL UNIT ODOR CONTROL UNIT SPARE SPARE HEADWORKS ROLL-UP DOOR HEADWORKS ROLL-UP DOOR AERIGATOR 2 PROVISION PROVISION PROVISION PROVISION | LOCATION: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13540 13672 4654 4654 2105 3000000000000000000000000000000000000 | P. 3 | BRANCH AMP 70 30 20 60 60 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-10 MDP-10 MDP-12 MDP-14 MDP-16 MDP-20 MDP-20 MDP-20 MDP-24 MDP-20 MDP-30 MDP-30 MDP-30 MDP-30 MDP-30 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 MDP-50 | Image: Notes Notes Image: Notes |
| BRANCH CIRCU # MDP-1 MDP-3 MDP-5 MDP-7 MDP-11 MDP-13 MDP-14 MDP-15 MDP-17 MDP-19 MDP-19 MDP-21 MDP-23 MDP-24 MDP-25 MDP-27 MDP-28 MDP-29 MDP-21 MDP-23 MDP-24 MDP-25 MDP-31 MDP-33 MDP-34 MDP-35 MDP-34 MDP-41 MDP-43 MDP-41 MDP-43 MDP-41 MDP-43 MDP-41 MDP-43 MDP-45 MDP-41 MDP-41 MDP-43 MDP-41 MDP-43 MDP-51 MDP-53 MDP-54 MDP-63 MDP-65 | IIT BREAKE AMP 225 225 225 225 225 225 225 225 225 20 | P. 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 3333 3333 3333 3333 3333 3333 33518 3518 3518 3518 3518 3518 3518 3518 <t< td=""><td>DESCRIPTION PUMP P1 PUMP P2 PUMP P3 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP ROOM HEATER (EUH-3) HEADWORKS SCREEN CONTROL PANEL HEADWORKS UNIT HEATER (EUH-1) HEADWORKS UNIT HEATER (EUH-2) <!--</td--><td>A 50339 43433.6 2105 2105 32105 5817 5817 5817 5817 5817 100 5817 100 5817 100 5817 100 5817 100 5817 100 100 100 100 100 100 100 100 100 1</td><td>PHASE B 52320 43433.6 2105 2105 5817 5817 5817 12077 3518 12077 13518 12077 14958 14958 14958 149584 149584 149584 14958 14958</td><td>C C 52452 52452 43433.6 43433.6 2105 2105 5817 5817 5817 5817 1 5817 3518 12077 3518 3518 12077</td><td>DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 GRINDER GRINDER SPARE</td><td>LOCATION: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13540 13672 4654 4654 2105 3000000000000000000000000000000000000</td><td>P. 3 </td><td>BRANCH AMP 70 30 20 <</td><td>CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-10 MDP-10 MDP-14 MDP-16 MDP-16 MDP-20 MDP-30 MDP-30 MDP-30 MDP-30 MDP-30 MDP-40 MDP-40 MDP-40 MDP-40 MDP-50 MDP-50 MDP-50 MDP-52 MDP-54 MDP-50 MDP-52 MDP-54 MDP-56 MDP-62 MDP-62</td><td>Image: Notes Notes Image: Notes</td></td></t<> | DESCRIPTION PUMP P1 PUMP P2 PUMP P3 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP ROOM HEATER (EUH-3) HEADWORKS SCREEN CONTROL PANEL HEADWORKS UNIT HEATER (EUH-1) HEADWORKS UNIT HEATER (EUH-2) </td <td>A 50339 43433.6 2105 2105 32105 5817 5817 5817 5817 5817 100 5817 100 5817 100 5817 100 5817 100 5817 100 100 100 100 100 100 100 100 100 1</td> <td>PHASE B 52320 43433.6 2105 2105 5817 5817 5817 12077 3518 12077 13518 12077 14958 14958 14958 149584 149584 149584 14958 14958</td> <td>C C 52452 52452 43433.6 43433.6 2105 2105 5817 5817 5817 5817 1 5817 3518 12077 3518 3518 12077</td> <td>DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 GRINDER GRINDER SPARE</td> <td>LOCATION: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13540 13672 4654 4654 2105 3000000000000000000000000000000000000</td> <td>P. 3 </td> <td>BRANCH AMP 70 30 20 <</td> <td>CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-10 MDP-10 MDP-14 MDP-16 MDP-16 MDP-20 MDP-30 MDP-30 MDP-30 MDP-30 MDP-30 MDP-40 MDP-40 MDP-40 MDP-40 MDP-50 MDP-50 MDP-50 MDP-52 MDP-54 MDP-50 MDP-52 MDP-54 MDP-56 MDP-62 MDP-62</td> <td>Image: Notes Notes Image: Notes</td> | A 50339 43433.6 2105 2105 32105 5817 5817 5817 5817 5817 100 5817 100 5817 100 5817 100 5817 100 5817 100 100 100 100 100 100 100 100 100 1 | PHASE B 52320 43433.6 2105 2105 5817 5817 5817 12077 3518 12077 13518 12077 14958 14958 14958 149584 149584 149584 14958 14958 | C C 52452 52452 43433.6 43433.6 2105 2105 5817 5817 5817 5817 1 5817 3518 12077 3518 3518 12077 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 GRINDER GRINDER SPARE | LOCATION: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13540 13672 4654 4654 2105 3000000000000000000000000000000000000 | P. 3 | BRANCH AMP 70 30 20 < | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-10 MDP-10 MDP-14 MDP-16 MDP-16 MDP-20 MDP-30 MDP-30 MDP-30 MDP-30 MDP-30 MDP-40 MDP-40 MDP-40 MDP-40 MDP-50 MDP-50 MDP-50 MDP-52 MDP-54 MDP-50 MDP-52 MDP-54 MDP-56 MDP-62 MDP-62 | Image: Notes Notes Image: Notes |
| BRANCH CIRCU # MDP-1 MDP-3 MDP-5 MDP-1 MDP-1 MDP-1 MDP-1 MDP-1 MDP-1 MDP-1 MDP-1 MDP-15 MDP-15 MDP-17 MDP-19 MDP-21 MDP-23 MDP-24 MDP-25 MDP-26 MDP-31 MDP-33 MDP-34 MDP-35 MDP-36 MDP-41 MDP-37 MDP-41 MDP-37 MDP-41 MDP-43 MDP-41 MDP-43 MDP-41 MDP-43 MDP-41 MDP-43 MDP-41 MDP-43 MDP-41 MDP-43 MDP-53 MDP-54 MDP-55 MDP-50 MDP-61 MDP-65 | IIT BREAKE AMP 225 225 225 225 225 225 225 225 225 20 | R P. 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 38780 3333 3333 3333 3333 3333 33518 3518 3518 3518 3518 3518 3518 3518 | DESCRIPTION PUMP P1 PUMP P2 PUMP P3 PUMP P4 PUMP P5 PUMP ROOM HEATER (EUH-3) HEADWORKS SCREEN CONTROL PANEL HEADWORKS UNIT HEATER (EUH-1) HEADWORKS UNIT HEATER (EUH-1) HEADWORKS UNIT HEATER (EUH-2) HEADWORKS UNIT HEATER (EUH-1) HEADWORKS UNIT HEATER (EUH-2) | A 50339 43433.6 2105 2105 32105 5817 5817 5817 5817 5817 12077 12077 12077 3518 3518 3518 4100 4100 14958 0 14958 0 14958 | PHASE B 52320 43433.6 2 2105 2 2105 3 5817 5817 5817 5817 3 5817 1 5817 1 3 5817 1 3 5817 1 3 5817 1 1 3 5 8 1 7 1 2 1 2 0 1 2 1 2 0 1 2 1 2 0 1 2 1 2 0 1 2 1 2 | C C 52452 52452 43433.6 43433.6 2105 2105 5817 5817 5817 5817 1 5817 1 5817 1 3517 1 3518 1 3518 1 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 GRINDER GRINDER SPARE SPARE ODOR CONTROL UNIT SPARE SPARE AERIGATOR 2 PROVISION PROVISION PROVISION PROVISION | LOCATION: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13540 13672 4654 4654 2105 3000 1000 1000 1000 1000 1000 <td>P. 3 </td> <td>BRANCH AMP 70 30 20 60 </td> <td>CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-10 MDP-10 MDP-10 MDP-14 MDP-16 MDP-16 MDP-20 MDP-30 MDP-30 MDP-30 MDP-30 MDP-30 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-50 MDP-50 MDP-50 MDP-52 MDP-54 MDP-50 MDP-54 MDP-56 MDP-62 MDP-62</td> <td>KER NOTES Image: Constraint of the second s</td> | P. 3 | BRANCH AMP 70 30 20 60 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-10 MDP-10 MDP-10 MDP-14 MDP-16 MDP-16 MDP-20 MDP-30 MDP-30 MDP-30 MDP-30 MDP-30 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-50 MDP-50 MDP-50 MDP-52 MDP-54 MDP-50 MDP-54 MDP-56 MDP-62 MDP-62 | KER NOTES Image: Constraint of the second s |

| 2 | N: I - 500 | 3-1/2" | |
|---|------------|--------|---|
| | G: - /O | | |
| | | | |
| | P: 3 - 3/0 | | |
| | N: NONE | 2" | |
| | G: - #4 | | |
| | | | |
| | P: 3-#10 | | |
| | N: NONE | 3/4" | |
| | G: - # 0 | | |
| | • | | • |

| | `F. | 2021120 | 1/ 2/71 /14/ | CIPCI IIT REFAKED TYPE. | BOITON | main e | VRLANEK AMP'S 17 | | OU% | BUS |) AIVITS: | 225 | |
|--|---|--|--|--|---|---|---|--|--|---|---|---|---|
| VOLTAC | ν Ε : | 200/120 | v الا 4W | UKUUII DKEANEK IYYE: | BOLI-ON | | | MOL | UNTING: SUKFACE | 5 | | | |
| ENCLOSU | KE: NE | MA I | | INTERRUPTING CAPACITY: | I O KAIC | | | COVE | R TYPE: DOOR-IN-DOOI CATION: AS INDICATED | R | | | |
| NCH CIRCL | IT BREAKEI |) \ | CONNECTION | | | PHASE | | | CONNECTION | | BRANCH | CIRCUIT BREA | KER |
| # | AMP | Ρ. | LOAD (VA) | | A | В | С | | LOAD (VA) | Ρ. | AMP | # | NOTES |
| L-1 | 20 20 | | /99 1620 | LIGHTING RECEPTACIES | 2299 | 3120 | + | GENERATOR BLOCK HEATER | 1500 | 2 | 20 | L-2 L-4 | |
| L-5 | 20 | | 900 | RECEPTACLES | | | 2300 | GENERATOR AUX | 1400 | | 20 | L-6 | |
| L-7 | 20 | | 150 | FLOW METER | 1326 | 4100 | | SUMP | 1176 | | 20 | L-8 | |
| L-9 L-11 | 25 20 | | 1200 | PLC | | 4160 | 5360 | WELVEK | 4160 | 2 | - 50 | L-10 L-12 | |
| L-13 | 40 | 3 | 2004 | CRANE HOIST | 2504 | | | COMBUSTIBLE GAS ALARM PANEL | 500 | | 20 | L-14 | |
| L-15 | | | 2004 | | | 4008 | 1008 | HEADWORKS CRANE HOIST | 2004 | 3 | 40 | L-16 | |
| L-17 L-19 | 20 | | 1422 | PUMP ROOM VENT FAN REF- I | 3426 | | 4008 | | 2004 | | | L-18 L-20 | |
| L-21 | 40 | 3 | 2004 | LOWER CRANE HOIST | | 2252 | | HEADWORKS LIGHTING | 248 | | 20 | L-22 | |
| L-23 | | | 2004 | | 2004 | | 2004 | SPARE | | | 20 | L-24 | |
| L-25 L-27 | 20 | | 2004 | SPARE | 2004 | 0 | | SPARE SPARE | | | 20 | L-26 L-28 | |
| L-29 | 20 | | | SPARE | | _ | 0 | SPARE | | | 20 | L-30 | |
| L-31 | 20 | | | SPARE | 0 | | | SPARE | | | 20 | L-32 | |
| L-33 | 20 | | | SPARE | | 0 | 0 | SPARE | | | 20 | L-34 | |
| L-37 | 20 | | | SPARE | 0 | | Ŭ | SPARE | | | 20 | L-38 | |
| L-39 | 20 | | | SPARE | | 0 | | SPARE | | 1 | 20 | L-40 | |
| L-4 | 20 | | | SPARE | 11559 | 13540 | 0 | SPARE | | | 20 | L-42 | |
| | | | | PHASE SUBTOTALS (VA) PHASE TOTALS (KVA) | 11.6 | 13.5 | 13.7 | | | | | | |
| | | | | PHASE TOTALS @ 120V (AMPS) | 96.3 | 112.8 | 113.9 | | | | | | |
| ENCLOSU | RE: NE | MA I | | INTERRUPTING CAPACITY: | 65 KAIC | | | COVE | R TYPE: DOOR-IN-DOOI | R | | | |
| | | | | | | | | | ATION, AS INDICATED | | | | |
| | | | | 1 | 1 | DULASE | | LOC | | | | | |
| NCH CIRCL # | IIT BREAKEI AMP | P. | CONNECTION | DESCRIPTION | A | PHASE | С | DESCRIPTION | CONNECTION LOAD (VA) | Ρ. | BRANCH AMP | CIRCUIT BREA # | KER NOTES |
| NCH CIRCU # MDP-1 | UIT BREAKER AMP 225 | Р. З | CONNECTION LOAD (VA) 38780 | DESCRIPTION PUMP P I | A 50339 | PHASE B | С | DESCRIPTION TRANSFORMER TL (45KVA) | CONNECTION LOAD (VA) I 1559 | Р. З | BRANCH AMP 70 | CIRCUIT BREA # MDP-2 | KER NOTES |
| NCH CIRCU # MDP-1 MDP-3 | JIT BREAKER AMP 225 | P. 3 | CONNECTION LOAD (VA) 38780 38780 | DESCRIPTION PUMP P I | A 50339 | PHASE B 52320 | C | DESCRIPTION TRANSFORMER TL (45KVA) | CONNECTION LOAD (VA) 1 1 559 1 3540 1 3672 | Р. З | BRANCH AMP 70 | CIRCUIT BREA # MDP-2 MDP-4 | KER NOTES |
| MCH CIRCU # MDP-1 MDP-3 MDP-5 MDP-7 | UIT BREAKEN AMP 225 225 | P. 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 | DESCRIPTION PUMP P I PUMP P2 | A 50339 43433.6 | PHASE B 52320 | C 52452 | DESCRIPTION TRANSFORMER TL (45KVA) WAC- 1 | CONNECTION LOAD (VA) 11559 13540 13672 4654 | P. 3 3 | BRANCH AMP 70 30 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-8 | KER NOTES |
| MCH CIRCL # MDP-1 MDP-3 MDP-5 MDP-7 MDP-9 | UIT BREAKEI AMP 225 225 225 | P. 3 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 | DESCRIPTION PUMP P I PUMP P2 | A 50339 43433.6 | PHASE B 52320 43433.6 | C 52452 | DESCRIPTION TRANSFORMER TL (45KVA) WAC- I | CONNECTION LOAD (VA) I I 559 I 3540 I 3672 4654 4654 | P. 3 3 | BRANCH AMP 70 30 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-8 MDP-10 | KER NOTES |
| NCH CIRCL # MDP-1 MDP-3 MDP-5 MDP-7 MDP-7 MDP-11 MDP-13 | UIT BREAKEI AMP 225 225 225 225 | P. 3 3 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 0 | DESCRIPTION PUMP P I PUMP P2 PUMP P3 | A 50339 43433.6 | PHASE B 52320 43433.6 | C 52452 43433.6 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 GRINDFR | ATION: AS INDICATED CONNECTION LOAD (VA) I I 559 I 3540 I 3672 4654 4654 4654 2105 | P. 3 3 3 | BRANCH AMP 70 30 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-8 MDP-10 MDP-12 MDP-14 | KER NOTES |
| NCH CIRCL # MDP-1 MDP-3 MDP-5 MDP-7 MDP-7 MDP-11 MDP-13 MDP-15 | UIT BREAKEN AMP 225 225 225 225 225 | P. 3 3 3 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 0 0 0 | DESCRIPTION PUMP P I PUMP P2 PUMP P3 | A 50339 43433.6 2105 | PHASE B 52320 43433.6 2105 | C 52452 43433.6 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 GRINDER | ATION: AS INDICATED CONNECTION LOAD (VA) I I 559 I 3540 I 3672 4654 4654 4654 4654 2105 2105 | P. 3 3 3 3 | BRANCH AMP 70 30 20 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-8 MDP-10 MDP-12 MDP-14 MDP-16 | KER NOTES |
| NCH CIRCL # MDP-1 MDP-3 MDP-5 MDP-7 MDP-7 MDP-11 MDP-13 MDP-15 | UIT BREAKEN AMP 225 225 225 225 225 225 | P. 3 3 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 0 0 0 0 | DESCRIPTION PUMP P I PUMP P2 PUMP P3 | A 50339 43433.6 2105 | PHASE B 52320 43433.6 2105 | C 52452 43433.6 2105 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 WAC-1 GRINDER | ATTON: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105 2105 2105 | P. 3 3 3 3 3 | BRANCH AMP 70 30 20 20 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-8 MDP-10 MDP-12 MDP-14 MDP-16 MDP-18 | KER NOTES |
| NCH CIRCL # MDP-1 MDP-3 MDP-5 MDP-7 MDP-7 MDP-11 MDP-13 MDP-19 MDP-19 | UIT BREAKEN AMP 225 225 225 225 40 | P. 3 3 3 3 3 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 0 5817 5817 | DESCRIPTION PUMP P I PUMP P2 PUMP P3 PUMP P4 | A 50339 43433.6 2105 5817 | PHASE B 52320 43433.6 2105 2105 5817 | C 52452 43433.6 2105 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 GRINDER SPARE | ATION: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105 2105 2105 2105 | P. 3 3 3 3 3 3 | BRANCH AMP 70 30 20 20 20 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-10 MDP-10 MDP-12 MDP-16 MDP-18 MDP-20 MDP-22 | KER NOTES |
| NCH CIRCL # MDP-1 MDP-3 MDP-5 MDP-5 MDP-7 MDP-9 MDP-11 MDP-13 MDP-19 MDP-19 MDP-21 MDP-21 | UIT BREAKEN AMP 225 225 225 225 40 40 | P. 3 3 3 3 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 5817 5817 | DESCRIPTION PUMP P I PUMP P2 PUMP P3 PUMP P4 | A 50339 43433.6 2105 5817 | PHASE B 52320 43433.6 2105 2105 5817 | C 52452 43433.6 2105 5817 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 GRINDER SPARE | ATTON: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105 2105 2105 2105 2105 | P. 3 3 3 3 3 3 3 | BRANCH AMP 70 30 20 20 20 20 20 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-8 MDP-10 MDP-12 MDP-14 MDP-16 MDP-18 MDP-20 MDP-22 MDP-24 | KER NOTES |
| NCH CIRCL # MDP-1 MDP-3 MDP-5 MDP-7 MDP-7 MDP-11 MDP-13 MDP-15 MDP-19 MDP-19 MDP-23 MDP-23 | UIT BREAKEN AMP 225 225 225 225 225 40 40 40 | P. 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 0 5817 5817 5817 5817 | DESCRIPTION PUMP P1 PUMP P2 PUMP P3 PUMP P4 PUMP P4 PUMP P5 | A 50339 43433.6 2105 2105 5817 | PHASE B 52320 43433.6 2105 2105 5817 | C 52452 43433.6 2105 5817 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 WAC-1 GRINDER SPARE SPARE | ATTON: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105 2105 2105 2105 2105 | P. 3 3 3 3 3 3 3 3 | BRANCH AMP 70 30 20 20 20 20 20 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-10 MDP-10 MDP-12 MDP-14 MDP-16 MDP-16 MDP-18 MDP-20 MDP-22 MDP-24 MDP-26 | KER NOTES |
| NCH CIRCL # MDP-1 MDP-3 MDP-5 MDP-7 MDP-7 MDP-11 MDP-13 MDP-13 MDP-19 MDP-19 MDP-23 MDP-23 MDP-25 MDP-27 MDP-27 | JIT BREAKER AMP 225 225 225 225 225 225 225 40 40 40 40 | P. 3 3 3 3 3 3 3 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 0 5817 5817 5817 5817 5817 5817 | DESCRIPTION PUMP P1 PUMP P2 PUMP P2 PUMP P3 PUMP P3 PUMP P4 PUMP P4 PUMP P5 | A 50339 43433.6 2105 2105 5817 5817 | PHASE B 52320 43433.6 2105 2105 5817 | C 52452 43433.6 2105 5817 5817 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 GRINDER SPARE SPARE SPARE | ATTON: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105 2105 2105 2105 2105 2105 | P. 3 3 3 3 3 3 3 3 | BRANCH AMP 70 30 20 20 20 20 20 20 20 20 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-8 MDP-10 MDP-12 MDP-14 MDP-16 MDP-16 MDP-16 MDP-20 MDP-22 MDP-24 MDP-24 MDP-28 MDP-28 MDP-30 | KER NOTES |
| NCH CIRCI # MDP-1 MDP-3 MDP-5 MDP-7 MDP-9 MDP-11 MDP-13 MDP-15 MDP-19 MDP-19 MDP-21 MDP-23 MDP-27 MDP-27 MDP-29 MDP-21 | UIT BREAKEN AMP 225 225 225 225 225 40 40 40 40 220 | P. 3 3 3 3 3 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 0 5817 5817 5817 5817 5817 5817 5817 | DESCRIPTION PUMP P I PUMP P2 PUMP P2 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP ROOM HEATER (EUH-3) | A 50339 43433.6 2105 2105 5817 5817 5817 | PHASE B 52320 43433.6 2105 2105 5817 5817 | C C 52452 C 43433.6 C 2105 C 5817 C 5817 C C C C C C C C C C C C C C C C C C C | DESCRIPTION TRANSFORMER TL (45KVA) WAC- I GRINDER GRINDER SPARE SPARE SPARE ODOR CONTROL UNIT | ATTON: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105 2105 2105 2105 2105 2105 | P. 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | BRANCH AMP 70 30 20 20 20 20 20 20 20 20 20 20 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-8 MDP-10 MDP-10 MDP-12 MDP-14 MDP-16 MDP-16 MDP-20 MDP-22 MDP-24 MDP-24 MDP-28 MDP-28 MDP-30 MDP-32 | KER NOTES |
| NCH CIRCL # MDP-1 MDP-3 MDP-5 MDP-7 MDP-9 MDP-13 MDP-13 MDP-13 MDP-19 MDP-19 MDP-23 MDP-23 MDP-27 MDP-27 MDP-29 MDP-21 MDP-23 | UIT BREAKEN AMP 225 225 225 225 225 40 40 40 20 20 | P. 3 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 0 5817 5817 5817 5817 5817 5817 5817 3333 3333 | DESCRIPTION PUMP P1 PUMP P2 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP P5 PUMP ROOM HEATER (EUH-3) | A 50339 43433.6 2105 5817 5817 5817 | PHASE B 52320 43433.6 2105 2105 5817 5817 5817 | C 52452 43433.6 2105 2105 5817 5817 5817 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 WAC-1 GRINDER SPARE SPARE SPARE ODOR CONTROL UNIT | ATTON: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105 2105 2105 2105 2105 2105 2105 2105 2105 | P. 3 3 3 3 3 3 3 3 3 3 3 | BRANCH AMP 70 30 20 20 20 20 20 20 20 20 20 20 20 20 20 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-10 MDP-10 MDP-12 MDP-14 MDP-16 MDP-16 MDP-16 MDP-20 MDP-22 MDP-24 MDP-24 MDP-26 MDP-28 MDP-32 MDP-34 | KER NOTES |
| NCH CIRCI # MDP-1 MDP-3 MDP-5 MDP-7 MDP-9 MDP-13 MDP-13 MDP-13 MDP-15 MDP-19 MDP-19 MDP-23 MDP-23 MDP-27 MDP-29 MDP-27 MDP-29 MDP-31 MDP-31 MDP-35 MDP-35 | JIT BREAKEI AMP 225 225 225 225 225 225 225 40 40 40 20 50 | P. 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 0 0 5817 5817 5817 5817 5817 5817 5817 5817 | DESCRIPTION PUMP PI PUMP P2 PUMP P2 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP ROOM HEATER (EUH-3) HEADWORKS SCREFN CONTROL PANFI | A 50339 43433.6 2105 2105 5817 5817 5817 5817 | PHASE B 52320 43433.6 2105 2105 5817 5817 5817 5817 | C C 52452 52452 43433.6 43433.6 2105 5817 5817 5817 5817 5817 5817 5817 5817 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 WAC-1 GRINDER SPARE SPARE SPARE ODOR CONTROL UNIT ODOR CONTROL UNIT ODOR CONTROL UNIT | ATTON: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 | P. 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | BRANCH AMP 70 30 20 20 20 20 20 20 20 20 20 20 20 20 20 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-8 MDP-10 MDP-10 MDP-12 MDP-14 MDP-16 MDP-16 MDP-18 MDP-20 MDP-22 MDP-24 MDP-24 MDP-28 MDP-28 MDP-28 MDP-30 MDP-32 MDP-34 MDP-36 MDP-38 | KER NOTES Image: Im |
| NCH CIRCU # MDP-1 MDP-3 MDP-5 MDP-7 MDP-9 MDP-13 MDP-13 MDP-13 MDP-17 MDP-19 MDP-21 MDP-23 MDP-23 MDP-25 MDP-27 MDP-29 MDP-31 MDP-35 MDP-35 MDP-37 MDP-39 | IIT BREAKEI AMP 225 225 225 225 225 225 40 40 40 20 50 | P. 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 0 5817 5817 5817 5817 5817 5817 5817 5817 | DESCRIPTION PUMP P1 PUMP P2 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP P5 PUMP ROOM HEATER (EUH-3) HEADWORKS SCREEN CONTROL PANEL | A 50339 43433.6 2105 5817 5817 5817 5817 5817 | PHASE B 52320 43433.6 2105 2105 5817 5817 5817 5817 5817 | C C 52452 C 43433.6 C 43433.6 C 2105 C 5817 C 5817 C 5817 C 5817 C 5817 C C 5817 C C 5817 C C C 5817 C C C C C C C C C C C C C C C C C C C | DESCRIPTION TRANSFORMER TL (45KVA) TRANSFORMER TRANSFORMER TL (45KVA) TRAN | Anion: AS indicated CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 | P. 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | BRANCH AMP 70 30 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-8 MDP-10 MDP-10 MDP-12 MDP-14 MDP-16 MDP-16 MDP-18 MDP-20 MDP-22 MDP-24 MDP-24 MDP-26 MDP-28 MDP-28 MDP-28 MDP-30 MDP-32 MDP-34 MDP-36 MDP-38 MDP-38 | KER NOTES Image: Im |
| NCH CIRCL # MDP-1 MDP-3 MDP-5 MDP-7 MDP-9 MDP-13 MDP-13 MDP-13 MDP-13 MDP-19 MDP-19 MDP-21 MDP-23 MDP-23 MDP-27 MDP-29 MDP-27 MDP-29 MDP-31 MDP-31 MDP-35 MDP-35 MDP-39 MDP-39 | IIT BREAKEI AMP 225 225 225 225 225 225 225 40 40 40 20 50 50 | P. 3 3 < | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 0 5817 5817 5817 5817 5817 5817 5817 5817 | DESCRIPTION PUMP P1 PUMP P2 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP P5 PUMP ROOM HEATER (EUH-3) HEADWORKS SCREEN CONTROL PANEL | A 50339 43433.6 2105 2105 5817 5817 5817 5817 5817 12077 | PHASE B 52320 43433.6 2105 2105 5817 5817 5817 5817 5817 5817 | C C 52452 52452 43433.6 2105 2105 5817 5817 5817 5817 5817 1 5817 1 5817 1 1 5817 1 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 WAC-1 GRINDER GRINDER SPARE SPARE ODOR CONTROL UNIT ODOR CONTROL UNIT | ATTON: ASTRUCATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 2105 | P. 3 3 3 3 3 3 3 3 3 3 3 3 3 | BRANCH AMP 70 30 20 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-8 MDP-10 MDP-10 MDP-12 MDP-14 MDP-16 MDP-16 MDP-18 MDP-20 MDP-20 MDP-22 MDP-24 MDP-26 MDP-28 MDP-28 MDP-28 MDP-30 MDP-32 MDP-34 MDP-36 MDP-38 MDP-38 | KER NOTES Image: Im |
| NCH CIRCL # MDP-1 MDP-3 MDP-5 MDP-7 MDP-9 MDP-13 MDP-13 MDP-13 MDP-13 MDP-17 MDP-21 MDP-21 MDP-23 MDP-23 MDP-23 MDP-23 MDP-35 MDP-35 MDP-39 MDP-39 MDP-39 MDP-41 MDP-43 | IIT BREAKEI AMP 225 225 225 225 225 225 225 225 225 40 40 40 20 20 50 20 20 50 20 20 20 20 20 | P. 3 <td>CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 5817 5817 5817 5817 5817 5817 5817 5817</td><td>DESCRIPTION PUMP P1 PUMP P2 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP P5 PUMP ROOM HEATER (EUH-3) HEADWORKS SCREEN CONTROL PANEL HEADWORKS UNIT HEATER (EUH-1) </td><td>A 50339 43433.6 2105 2105 5817 5817 5817 5817 5817 12077</td><td>PHASE B 52320 43433.6 2105 2105 5817 5817 5817 5817 5817 5817 12077</td><td>C C 52452 52452 43433.6 2105 2105 5817 5817 5817 5817 5817 1 5817 1 5817 1 1 5817 1</td><td>DESCRIPTION TRANSFORMER TL (45KVA) TRANSFORMER TL (4</td><td>ATTON: ASTRUCATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105</td><td>P. 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 </td><td>BRANCH AMP 70 30 20 <</td><td>CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-8 MDP-10 MDP-10 MDP-12 MDP-14 MDP-14 MDP-16 MDP-20 MDP-22 MDP-24 MDP-24 MDP-24 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-30 MDP-32 MDP-32 MDP-34 MDP-36 MDP-38 MDP-36 MDP-38</td><td>KER NOTES Image: Constraint of the second secon</td> | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 5817 5817 5817 5817 5817 5817 5817 5817 | DESCRIPTION PUMP P1 PUMP P2 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP P5 PUMP ROOM HEATER (EUH-3) HEADWORKS SCREEN CONTROL PANEL HEADWORKS UNIT HEATER (EUH-1) | A 50339 43433.6 2105 2105 5817 5817 5817 5817 5817 12077 | PHASE B 52320 43433.6 2105 2105 5817 5817 5817 5817 5817 5817 12077 | C C 52452 52452 43433.6 2105 2105 5817 5817 5817 5817 5817 1 5817 1 5817 1 1 5817 1 | DESCRIPTION TRANSFORMER TL (45KVA) TRANSFORMER TL (4 | ATTON: ASTRUCATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105 | P. 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | BRANCH AMP 70 30 20 < | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-8 MDP-10 MDP-10 MDP-12 MDP-14 MDP-14 MDP-16 MDP-20 MDP-22 MDP-24 MDP-24 MDP-24 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-30 MDP-32 MDP-32 MDP-34 MDP-36 MDP-38 MDP-36 MDP-38 | KER NOTES Image: Constraint of the second secon |
| NCH CIRCL # MDP-1 MDP-3 MDP-5 MDP-7 MDP-9 MDP-13 MDP-13 MDP-13 MDP-13 MDP-17 MDP-19 MDP-21 MDP-21 MDP-23 MDP-23 MDP-25 MDP-27 MDP-29 MDP-31 MDP-33 MDP-35 MDP-35 MDP-39 MDP-39 MDP-39 MDP-41 MDP-43 MDP-47 | IIT BREAKER AMP 225 225 225 225 225 225 225 225 225 40 40 40 20 50 20 20 20 20 20 20 20 20 20 | P. 3 3 <l< td=""><td>CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 5817 5817 5817 5817 5817 5817 5817 5817</td><td>DESCRIPTION PUMP P1 PUMP P2 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP ROOM HEATER (EUH-3) HEADWORKS SCREEN CONTROL PANEL HEADWORKS UNIT HEATER (EUH-1) HEADWORKS UNIT HEATER (EUH-1)</td><td>A 50339 43433.6 2105 2105 5817 5817 5817 5817 5817 12077</td><td>PHASE B 52320 43433.6 2105 2105 5817 5817 5817 5817 5817 5817 12077</td><td>C C 52452 52452 43433.6 2105 2105 5817 5817 5817 5817 1 5817 1 5817 1 1 5817 1 1 5817 1 3518</td><td>DESCRIPTION TRANSFORMER TL (45KVA) TRANSFORMER TL (4</td><td>ATTON: ASTRUCATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105 210</td><td>P. 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 </td><td>BRANCH AMP 70 30 20 <</td><td>CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-8 MDP-10 MDP-10 MDP-12 MDP-14 MDP-14 MDP-16 MDP-20 MDP-20 MDP-22 MDP-24 MDP-24 MDP-26 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-30 MDP-32 MDP-32 MDP-34 MDP-36 MDP-38 MDP-38 MDP-40 MDP-42 MDP-48</td><td>KER NOTES Image: Im</td></l<> | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 5817 5817 5817 5817 5817 5817 5817 5817 | DESCRIPTION PUMP P1 PUMP P2 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP ROOM HEATER (EUH-3) HEADWORKS SCREEN CONTROL PANEL HEADWORKS UNIT HEATER (EUH-1) HEADWORKS UNIT HEATER (EUH-1) | A 50339 43433.6 2105 2105 5817 5817 5817 5817 5817 12077 | PHASE B 52320 43433.6 2105 2105 5817 5817 5817 5817 5817 5817 12077 | C C 52452 52452 43433.6 2105 2105 5817 5817 5817 5817 1 5817 1 5817 1 1 5817 1 1 5817 1 3518 | DESCRIPTION TRANSFORMER TL (45KVA) TRANSFORMER TL (4 | ATTON: ASTRUCATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105 210 | P. 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | BRANCH AMP 70 30 20 < | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-8 MDP-10 MDP-10 MDP-12 MDP-14 MDP-14 MDP-16 MDP-20 MDP-20 MDP-22 MDP-24 MDP-24 MDP-26 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-30 MDP-32 MDP-32 MDP-34 MDP-36 MDP-38 MDP-38 MDP-40 MDP-42 MDP-48 | KER NOTES Image: Im |
| NCH CIRCL # MDP-1 MDP-3 MDP-5 MDP-7 MDP-9 MDP-13 MDP-13 MDP-13 MDP-13 MDP-17 MDP-21 MDP-21 MDP-23 MDP-27 MDP-23 MDP-25 MDP-27 MDP-29 MDP-31 MDP-33 MDP-35 MDP-35 MDP-35 MDP-39 MDP-39 MDP-41 MDP-43 MDP-45 MDP-47 MDP-49 | IIT BREAKER AMP 225 225 225 225 225 225 225 225 225 40 40 40 40 20 50 20 20 20 20 20 | P. 3 <td>CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 0 5817 5817 5817 5817 5817 5817 5817 5817</td><td>DESCRIPTION PUMP P1 PUMP P2 PUMP P3 PUMP P3 PUMP P3 PUMP P3 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP ROOM HEATER (EUH-3) HEADWORKS SCREEN CONTROL PANEL HEADWORKS UNIT HEATER (EUH-1) HEADWORKS UNIT HEATER (EUH-2)</td><td>A 50339 43433.6 2105 2105 5817 5817 5817 5817 5817 12077</td><td>PHASE B 52320 43433.6 2105 2105 5817 5817 5817 5817 5817 12077 12077</td><td>C C 52452 52452 43433.6 2105 2105 5817 5817 5817 5817 1 5817 1 5817 1 5817 1 5817 1 3518</td><td>DESCRIPTION TRANSFORMER TL (45KVA)</td><td>Annon: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105 2</td><td>P. 3 3 <!--</td--><td>BRANCH AMP 70 30 20 <</td><td>CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-8 MDP-10 MDP-10 MDP-12 MDP-14 MDP-14 MDP-16 MDP-20 MDP-20 MDP-22 MDP-24 MDP-24 MDP-26 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-30 MDP-32 MDP-32 MDP-32 MDP-32 MDP-34 MDP-36 MDP-38 MDP-36 MDP-40 MDP-40 MDP-46 MDP-48 MDP-46</td><td>NOTES NOTES Image: Constraint of the second sec</td></td> | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 0 5817 5817 5817 5817 5817 5817 5817 5817 | DESCRIPTION PUMP P1 PUMP P2 PUMP P3 PUMP P3 PUMP P3 PUMP P3 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP ROOM HEATER (EUH-3) HEADWORKS SCREEN CONTROL PANEL HEADWORKS UNIT HEATER (EUH-1) HEADWORKS UNIT HEATER (EUH-2) | A 50339 43433.6 2105 2105 5817 5817 5817 5817 5817 12077 | PHASE B 52320 43433.6 2105 2105 5817 5817 5817 5817 5817 12077 12077 | C C 52452 52452 43433.6 2105 2105 5817 5817 5817 5817 1 5817 1 5817 1 5817 1 5817 1 3518 | DESCRIPTION TRANSFORMER TL (45KVA) | Annon: AS INDICATED CONNECTION LOAD (VA) 11559 13540 13672 4654 4654 4654 2105 2 | P. 3 3 </td <td>BRANCH AMP 70 30 20 <</td> <td>CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-8 MDP-10 MDP-10 MDP-12 MDP-14 MDP-14 MDP-16 MDP-20 MDP-20 MDP-22 MDP-24 MDP-24 MDP-26 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-30 MDP-32 MDP-32 MDP-32 MDP-32 MDP-34 MDP-36 MDP-38 MDP-36 MDP-40 MDP-40 MDP-46 MDP-48 MDP-46</td> <td>NOTES NOTES Image: Constraint of the second sec</td> | BRANCH AMP 70 30 20 < | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-8 MDP-10 MDP-10 MDP-12 MDP-14 MDP-14 MDP-16 MDP-20 MDP-20 MDP-22 MDP-24 MDP-24 MDP-26 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-30 MDP-32 MDP-32 MDP-32 MDP-32 MDP-34 MDP-36 MDP-38 MDP-36 MDP-40 MDP-40 MDP-46 MDP-48 MDP-46 | NOTES NOTES Image: Constraint of the second sec |
| NCH CIRCU # MDP-1 MDP-3 MDP-5 MDP-7 MDP-9 MDP-13 MDP-13 MDP-13 MDP-13 MDP-17 MDP-21 MDP-21 MDP-21 MDP-23 MDP-27 MDP-27 MDP-23 MDP-23 MDP-33 MDP-35 MDP-35 MDP-39 MDP-39 MDP-39 MDP-39 MDP-41 MDP-43 MDP-45 MDP-49 MDP-51 MDP-51 | IIT BREAKER AMP 225 225 225 225 225 225 225 225 225 225 40 40 40 20 20 20 20 20 20 20 20 20 20 | P. 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 0 5817 5817 5817 5817 5817 5817 5817 5817 | DESCRIPTION PUMP P1 PUMP P2 PUMP P3 PUMP P3 PUMP P3 PUMP P4 PUMP P5 PUMP ROOM HEATER (EUH-3) HEADWORKS SCREEN CONTROL PANEL HEADWORKS UNIT HEATER (EUH-1) HEADWORKS UNIT HEATER (EUH-2) | A 50339 43433.6 2105 2105 5817 5817 5817 5817 5817 12077 12077 | PHASE B 52320 43433.6 2105 2105 5817 5817 5817 5817 5817 12077 12077 12077 | C C 52452 52452 43433.6 2105 2105 5817 5817 5817 5817 1 5817 1 5817 1 3518 3518 4100 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 WAC-1 GRINDER GRINDER GRINDER SPARE SPARE ODOR CONTROL UNIT ODOR CONTROL UNIT ODOR CONTROL UNIT ODOR CONTROL UNIT SPARE SPARE HEADWORKS ROLL-UP DOOR | Annon: AS INDICATED CONNECTION LOAD (VA) I I 559 I 3540 I 3672 4654 4654 4654 2105 210 | P. 3 | BRANCH AMP 70 30 20 | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-8 MDP-10 MDP-12 MDP-14 MDP-14 MDP-16 MDP-20 MDP-20 MDP-24 MDP-24 MDP-24 MDP-26 MDP-28 MDP-28 MDP-28 MDP-28 MDP-28 MDP-30 MDP-32 MDP-34 MDP-38 MDP-38 MDP-38 MDP-38 MDP-38 MDP-38 MDP-38 MDP-38 MDP-38 MDP-38 MDP-38 MDP-38 MDP-38 MDP-38 MDP-38 MDP-38 MDP-38 MDP-38 | NOTES NOTES Image: Second |
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| NCH CIRCI # MDP-1 MDP-3 MDP-3 MDP-3 MDP-7 MDP-9 MDP-13 MDP-13 MDP-13 MDP-13 MDP-19 MDP-21 MDP-23 MDP-23 MDP-23 MDP-27 MDP-29 MDP-29 MDP-29 MDP-31 MDP-33 MDP-35 MDP-35 MDP-35 MDP-35 MDP-35 MDP-41 MDP-43 MDP-43 MDP-45 MDP-45 MDP-45 MDP-49 MDP-53 MDP-53 MDP-55 MDP-57 MDP-59 MDP-59 MDP-59 MDP-61 MDP-63 | IIT BREAKER AMP 225 225 225 225 225 225 225 225 225 225 40 40 20 20 20 200 200 200 200 200 200 200 200 200 200 200 <td>P. 3 3 </td> <td>CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 0 5817</td> <td>DESCRIPTION PUMP P1 PUMP P2 PUMP P2 PUMP P3 PUMP P3 PUMP P3 PUMP P4 PUMP P4 PUMP P4 PUMP P5 PUMP P5 PUMP P5 PUMP P5 PUMP ROM HEATER (EUH-3) PUMP ROM HEATER (EUH-3) PUMP ROM HEATER (EUH-1) PUMP ROM H</td> <td>A 50339 43433.6 2105 2105 5817 5817 5817 5817 5817 100 5817 100 5817 100 532.9</td> <td>PHASE B 52320 43433.6 2105 2105 5817 5817 5817 12077 3518 3518 12077 12077 12077 12077 13518 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 14958 14958 14958 14958 14958 14958 14958</td> <td>C 1 52452 1 43433.6 1 2105 2105 2 5817 1 5817 1 5817 1 5817 1 5817 1 53317 1 53317 1 53317 1 53317 1 3518 1 1 1 1 1 1 3 1</td> <td>DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 GRINDER GRINDER SPARE SPARE ODOR CONTROL UNIT ODOR CONTROL UNIT ODOR CONTROL UNIT SPARE ODOR CONTROL UNIT SPARE HEADWORKS ROLL-UP DOOR HEADWORKS ROLL-UP DOOR HEADWORKS ROLL-UP DOOR </td> <td>Annon: AS INDICATED CONNECTION LOAD (VA) I 1 559 I 3540 I 3672 4654 4654 4654 4654 2105 2105 2105 2105 2105 2105 2105 2105</td> <td>P. 3 </td> <td>BRANCH AMP 70 30 20 <</td> <td>CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-10 MDP-10 MDP-12 MDP-14 MDP-16 MDP-20 MDP-20 MDP-24 MDP-24 MDP-24 MDP-24 MDP-28 MDP-30 MDP-30 MDP-30 MDP-30 MDP-30 MDP-30 MDP-30 MDP-30 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-50 MDP-50 MDP-54 MDP-54 MDP-56</td> <td>NOTES NOTES Image: Second second</td> | P. 3 3 | CONNECTION LOAD (VA) 38780 38780 38780 38780 38780 38780 0 0 0 0 0 0 0 5817 | DESCRIPTION PUMP P1 PUMP P2 PUMP P2 PUMP P3 PUMP P3 PUMP P3 PUMP P4 PUMP P4 PUMP P4 PUMP P5 PUMP P5 PUMP P5 PUMP P5 PUMP ROM HEATER (EUH-3) PUMP ROM HEATER (EUH-3) PUMP ROM HEATER (EUH-1) PUMP ROM H | A 50339 43433.6 2105 2105 5817 5817 5817 5817 5817 100 5817 100 5817 100 532.9 | PHASE B 52320 43433.6 2105 2105 5817 5817 5817 12077 3518 3518 12077 12077 12077 12077 13518 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 12077 14958 14958 14958 14958 14958 14958 14958 | C 1 52452 1 43433.6 1 2105 2105 2 5817 1 5817 1 5817 1 5817 1 5817 1 53317 1 53317 1 53317 1 53317 1 3518 1 1 1 1 1 1 3 1 | DESCRIPTION TRANSFORMER TL (45KVA) WAC-1 GRINDER GRINDER SPARE SPARE ODOR CONTROL UNIT ODOR CONTROL UNIT ODOR CONTROL UNIT SPARE ODOR CONTROL UNIT SPARE HEADWORKS ROLL-UP DOOR HEADWORKS ROLL-UP DOOR HEADWORKS ROLL-UP DOOR | Annon: AS INDICATED CONNECTION LOAD (VA) I 1 559 I 3540 I 3672 4654 4654 4654 4654 2105 2105 2105 2105 2105 2105 2105 2105 | P. 3 | BRANCH AMP 70 30 20 < | CIRCUIT BREA # MDP-2 MDP-4 MDP-6 MDP-6 MDP-10 MDP-10 MDP-12 MDP-14 MDP-16 MDP-20 MDP-20 MDP-24 MDP-24 MDP-24 MDP-24 MDP-28 MDP-30 MDP-30 MDP-30 MDP-30 MDP-30 MDP-30 MDP-30 MDP-30 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-40 MDP-50 MDP-50 MDP-54 MDP-54 MDP-56 | NOTES NOTES Image: Second |





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| ËŇ | ////// HEATH | DRAFTED KGM | 2 | | |
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| | CONDUIT FOR RMP. CONFIRM CONDUIT COUNT AND SIZE AND INSTALLATION TIMING WITH RMP. | |
|------------------------|---|----------------|
| | UTILITY TRANSFORMER. VAULT AND CONDUIT WITH PULL STRING BY CONTRACTOR. COORDINATE ALL UTILITY REQUIREMENTS WITH ROCKY MOUNTAIN POWER. | |
| | | |
| DOWNTOWN SEWER IMPROVE | EMENTS AND PUMP STATION | sheet ES100 |
| SHE PLANS | | 126.42.300 |
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| DOWNTOWN SEWER IMPROVEMENTS AND PUMP STATION | SHEET |
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| ELECTRICAL | EP10 |
| DRY PIT POWER PLAN | 126.42.30 |





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DRAWING NOTES

37 SEPARATE OUT THE POWER AND TEMPERATURE SIGNAL WITHIN THE CLASSIFIED TRANSITION. RUN POWER AND TEMPERATURE SIGNAL IN SAME CONDUIT TO CONTROLLER

38 TO HEADWORKS MOTOR CONTROL PANEL IN PUMP

39 DISCONNECT. SEE ONE-LINE DIAGRAM. SEE

-NEW GENERATOR DISCONNECT FOR EXISTING BUILDING REPLACES GENERATOR PLUG. SEE ONE-LINE DIAGRAM.

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|-----------------------|---|
| $\langle \rangle$ | UTILITY METER. |
| $\langle 2 \rangle$ | CT ENCLOSURE. |
| $\langle 3 \rangle$ | PANEL 'L'. |
| $\langle 4 \rangle$ | GRINDER CONTROL PANEL |
| $\langle 5 \rangle$ | AUTOMATIC TRANSFER SWITCH. |
| 6 | MAIN DISTRIBUTION PANEL 'MDP'. |
| | VFD - 15 HP. |
| | VFD - IIOHP. |
| 9 | AERIGATOR. PROVIDE WITH MANUFACTURER'S CABLE INCLUDING POWER AND TEMPERATURE SHUTDOWN WIRING. |
| $\langle 10 \rangle$ | PLC. |
| | HEADWORKS MOTOR CONTROL PANEL |
| (12) | SEE ODOR CONTROL UNIT DETAIL 5 / E-505 |
| (13) | TRANSFORMER. |
| | CLASSIFIED TRANSITION. SEE DETAIL 9 / E-502. |
| (15) | FLOW METER. |
| (16) | LEVEL METER. HYDRORANGER LT500 LEVEL TRANSMITTER |
| | GENERATOR. |
| 18 | EQUIPMENT ACCESS HATCH. |
| (19) | ODOR CONTROL UNIT DISCONNECT. SEE ONE-LINE DIAGRAM. |
| 20 | AERIGATOR SOFT START |
| $\langle 2 \rangle$ | SEE MOTOR CONNECTION DETAIL. |
| 22 | CRANE HOIST DISCONNECT. SEE ONE-LINE DIAGRAM. |
| 23 | MOUNT AT 6" ABOVE SINK AND TABLE TOP. |
| 24 | 50 / 2 WELDER RECEPTACLE. |
| 25 | TO UTILITY POLE-MOUNT TRANSFORMER. |
| 26 | TO GENERATOR. |
| 27 | ODOR CONTROL UNIT. |
| 28 | SERVICE DISCONNECT, SEE ONE-LINE DIAGRAM. |
| 29 | NOT USED |
| 30 | HEADWORKS COMBUSTIBLE GAS ALARM PANEL. |
| 31 | MOUNT THE DOOR MOTOR AND CONTROLS ON THE OUTSIDE OF THE BUILDING |
| 32 | ROLL UP DOOR MOTOR, UNCLASSIFIED WHEN INSTALLED OUTDOORS |
| 33 | ROLL UP DOOR CONTROL, UNCLASSIFIED WHEN INSTALLED OUTDOORS |
| | SCREEN MOTOR |

| DOWNTOWN SEWER IMPROVEMENTS AND PLIMP STATION | SHEET |
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| DOWNTOWN SEVEN INTROVEMENTS AND I OWN STATION | |
| | FD101 |
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| IUP FLUUR PUWER PLAN | 126 42 300 |
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| ISEN | | DESIGNED RJH | 3 | | |
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| LLEN | Heath | DRAFTED KGM | 2 | | |
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| DOWNTOWN SEWER IMPROVEMENTS AND PUMP STATION ELECTRICAL | sheet EP102 |
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| DRY PIT GROUNDING PLAN | 126.42.300 |





| HANSEN | | DESIGNED RJH | 3 | | |
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| ALLEN | HEATH Engineering Company | DRAFTED .KGM | 2 | | |
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DRAWING NOTES

AUTOMATIC TRANSFER SWITCH



6 THIS UFER GROUND IS ESTABLISHED IN THE LOWER FOOTING. SHOWN HERE FOR REFERENCE. SEE LOWER LEVEL GROUNDING PLAN.

SERVICE DISCONNECT

 $\langle 8 \rangle$ TO LIGHTNING PROTECTION OF BOTH BUILDINGS.

| DOWNTOWN SEWER IMPROVEMENTS AND PUMP STATION | SHEET |
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| ELECTRICAL | EP103 |
| TOP FLOOR GROUNDING PLAN | 126 42 300 |
| | 120.42.300 |





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| ILLEN | ////// HEATH | DRAFTED KGM | 2 | | |
| UCE | Engineering Company | CHECKED RJH | 1 | | |
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| | • 7 / E-508 | |
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| TO UFER GROUND | 4 / E-508 4 / E-508 | |
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| DOWNTOWN SEWER IMPROVEMENTS AND PUMP STATION | SHEET |
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| ELECTRICAL | EP104 |
| LIGHTNING PROTECTION PLANS | 126.42.300 |

TO UFER







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| VISIONS | BY | APVD. | | |

DRAWING NOTES

FROM SWITCH AT UPPER LEVEL TOP OF STAIRS.

- 2 MOUNT AT 8'-0" A.F.F. TYPICAL OF ALL PIT LIGHTS.
- (3) FROM LIGHTING CIRCUIT ABOVE.
- 4 MOUNT AT 8'-0" MINIMUM ABOVE STAIR HEIGHT.

| DOWNTOWN SEWER IMPROVEMENTS AND PUMP STATION | SHEET |
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| ELECTRICAL | EL100 |
| LOWER LEVEL LICHTING PLANS | |
| LOWLIN LLVLL LIGITTING I LANS | 126.42.300 |







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DRAWING NOTES

POWER AND SWITCH FOR LOWER LEVEL.

2 CLASSIFIED TRANSITION REQUIRED AT WALL PENETRATION.

 $\langle 3 \rangle$ TO LIGHT FIXTURE BELOW.



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| ring Company | CHECKED RJH | 1 | | |
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| | DESIGNED RJH | 3 | | • |



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| ALLEN | HEATH | DRAFTED .KGM | 2 | | | | |
| | Engineering Company | CHECKED RJH | 1 | | | | |
| ENGINEERS | | DATE MAY 26, 2022 | NO. DATE | REVISIONS BY | APVD. | | |

DATE MAY 26, 2022

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ENGINEERS

NO. 40-22618BM, BI-METAL LEGEND THRU-ROOF/WALL CONNECTOR AIR TERMINAL AND BASE ASSEMBLY × MECHANICAL CONNECTION 00 0 THRU-ROOF CONNECTION THRU-WALL CONNECTION THRU-ROOF/WALL CONNECTOR ------ COPPER LIGHTNING PROTECTION CONDUCTOR E-508 SCALE: NONF ----- ALUMINUM LIGHTNING PROTECTION CONDUCTOR GROUND ROD MISCELLANEOUS BOND -NO. 40-206C, COPPER ONE BOLT PARALLEL SPLICER

- NO. 10-29C, CLASS |

COPPER MAIN CONDUCTOR

NO. 20-12125WFA, ALUMINUM AIR TERMINAL SWIVEL ADAPTER

– NO. 30-1212BCON, BI-METAL CONCEALED BASE

- NO. 10-29C, CLASS I COPPER MAIN CONDUCTOR

-NO. 50-251C, COPPER CABLE CLIP

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| DOWNTOWN SEWER | IMPROVEMENTS | AND | PUMP | STATION | SHEET |
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| DFTAILS | | | | | 126 42 300 |
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SALT LAKE REVISIONS BY APVD.

| HANSEN | | DESIGNED RJH | 3 | |
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| ALLEN | HEATH Engineering Company | DRAFTED .KGM | 2 | |
| & LUCE _{Inc} | | CHECKED RJH | 1 | |
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PLC/RTU ENCLOSURE POWER WIRING DIAGRAM SCALE: NONE-

SCALE SALT LAKE VISIONS BY APVD.

GENERAL NOTES

- I. PROVIDE AND SIZE OVER CURRENT DEVICES PER THE UTILIZATION EQUIPMENT MANUFACTURERS RECOMMENDATIONS.
- 2. DIAGRAMS ARE INTENDED TO REFLECT THE GENERAL WIRING STRATEGY. ACTUAL CIRCUITRY MAY VARY FOR THE SPECIFIC EQUIPMENT SUPPLIED. THE NUMBER AND THE TYPE OF DEVICES SHALL BE FURNISHED AS REQUIRED FOR THE PROPER OPERATION OF THE EQUIPMENT.
- 3. EACH DC POWER SUPPLY SHALL BE SIZED TO OPERATE AT 60% OF CAPACITY MAXIMUM WHILE CARRYING THE ENTIRE PLC/RIO ENCLOSURE DC LOAD.
- 4. ADJUST THE DC POWER SUPPLY VOLTAGES FOR REDUNDANT APPLICATION AS RECOMMENDED BY THE MANUFACTURER.
- 5. SEE SPECIFICATIONS FOR CONTROL NARRATIVE

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R5-1

TO VFD-1 EMERGENCY RUN

R6-1

R7-1

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TO VFD-3

EMERGENCY RUN

