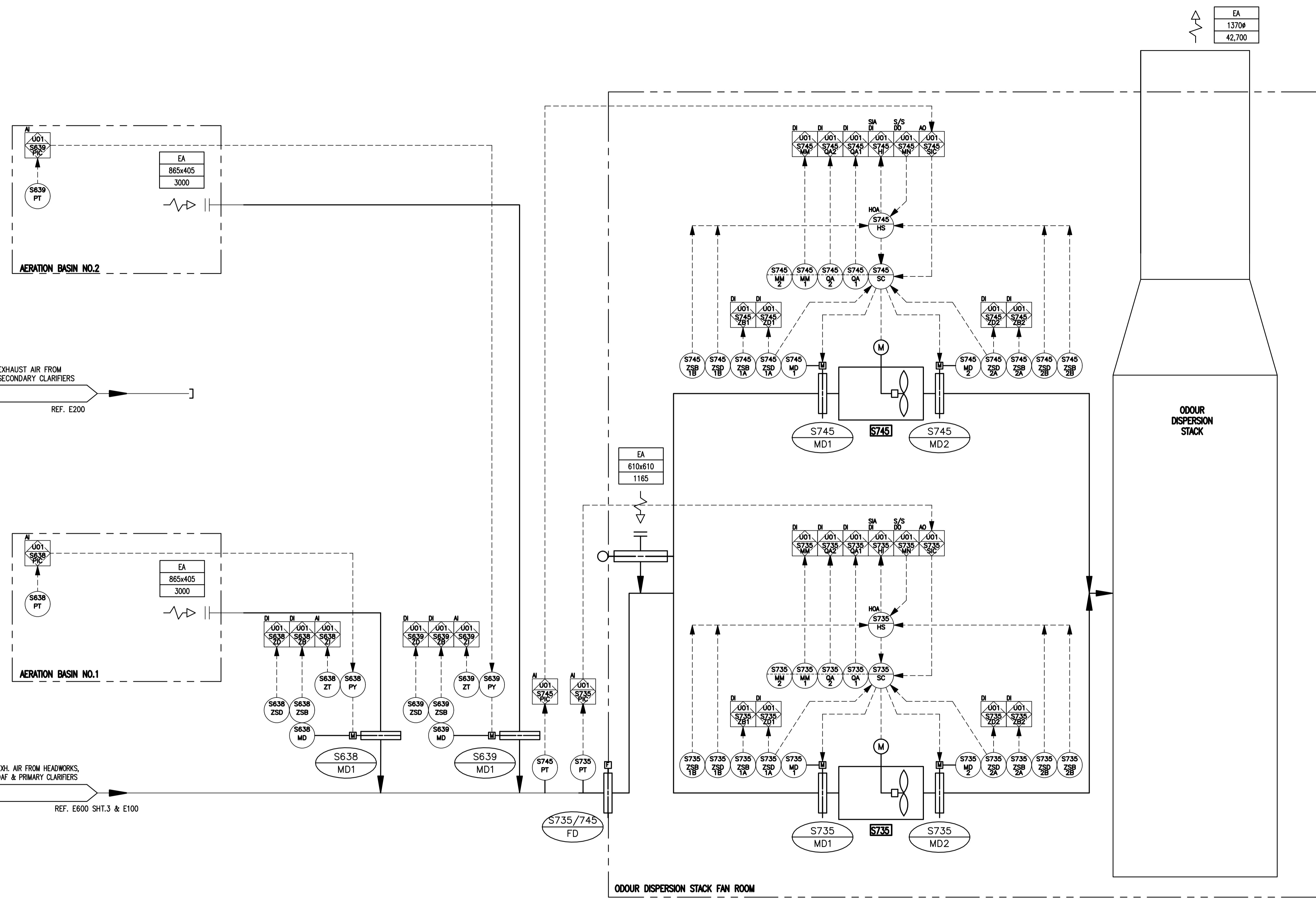


File Name: P:\Projects\2009\09-0754-08_Doc.Control\ToBeIssued\DWG\ELECTRICAL\1-0103S-P0022-001-Rev 00.dwg - Tab: 1-0103S-P0022-001 Plotted By: G.Nelson 12/16/2010 [Thu 4:39pm] CW-10-M660-1



| AREA/EQUIPMENT TAG | FUNCTION | TYPE | VOLUME (L/s) | ELEC. LOAD (kW) |
|--------------------|----------|------------|--------------|-----------------|
| S638 | EF | VANE AXIAL | 0-3,000 | |
| S639 | EF | VANE AXIAL | 0-3,000 | |
| S735 | EF | VANE AXIAL | 42,700 | |
| S745 | EF | VANE AXIAL | 42,700 | |

SEQUENCE OF OPERATION

DEVICE LISTING

| TAG | DESCRIPTION |
|---------------|---|
| NON-PACKAGED | |
| S735-HS | EXHAUST FAN S735 HAND/OFF/AUTO SWITCH |
| S735-SC | EXHAUST FAN S735 VFD |
| S735-MM-1/2 | EXHAUST FAN S735 VFD RUN STATUS |
| S735-QA1 | EXHAUST FAN S735 VFD FAULT ALARM |
| S735-QA2 | EXHAUST FAN S735 DAMPER FAILURE ALARM |
| S735-MD1 | EXHAUST FAN S735 SUCTION DAMPER |
| S735-ZSB1-A/B | EXHAUST FAN S735 SUCTION DAMPER CLOSE LIMIT |
| S735-ZSD1-A/B | EXHAUST FAN S735 SUCTION DAMPER OPEN LIMIT |
| S735-MD2 | EXHAUST FAN S735 DISCHARGE DAMPER |
| S735-ZSB2-A/B | EXHAUST FAN S735 DISCHARGE DAMPER CLOSE LIMIT |
| S735-ZSD2-A/B | EXHAUST FAN S735 DISCHARGE DAMPER OPEN LIMIT |
| S735-PT | EXHAUST FAN S735 SUCTION PRESSURE TRANSMITTER |
| | |
| S745-HS | EXHAUST FAN S745 HAND/OFF/AUTO SWITCH |
| S745-SC | EXHAUST FAN S745 VFD |
| S745-MM-1/2 | EXHAUST FAN S745 VFD RUN STATUS |
| S745-QA1 | EXHAUST FAN S745 VFD FAULT ALARM |
| S745-QA2 | EXHAUST FAN S745 DAMPER FAILURE ALARM |
| S745-MD1 | EXHAUST FAN S745 SUCTION DAMPER |
| S745-ZSB1-A/B | EXHAUST FAN S745 SUCTION DAMPER CLOSE LIMIT |
| S745-ZSD1-A/B | EXHAUST FAN S745 SUCTION DAMPER OPEN LIMIT |
| S745-MD2 | EXHAUST FAN S745 DISCHARGE DAMPER |
| S745-ZSB2-A/B | EXHAUST FAN S745 DISCHARGE DAMPER CLOSE LIMIT |
| S745-ZSD2-A/B | EXHAUST FAN S745 DISCHARGE DAMPER OPEN LIMIT |
| S745-PT | EXHAUST FAN S745 SUCTION PRESSURE TRANSMITTER |
| | |
| S638-MD | AERATION BASIN NO.1 DAMPER |
| S638-ZSB | AERATION BASIN NO.1 DAMPER CLOSE LIMIT |
| S638-ZSD | AERATION BASIN NO.1 DAMPER OPEN LIMIT |
| S638-PT | AERATION BASIN NO.1 PRESSURE TRANSMITTER |
| S638-PY | AERATION BASIN NO.1 DAMPER POSITIONER |
| S638-ZT | AERATION BASIN NO.1 DAMPER POSITION FEEDBACK |
| | |
| S639-MD | AERATION BASIN NO.2 DAMPER |
| S639-ZSB | AERATION BASIN NO.2 DAMPER CLOSE LIMIT |
| S639-ZSD | AERATION BASIN NO.2 DAMPER OPEN LIMIT |
| S639-PT | AERATION BASIN NO.2 PRESSURE TRANSMITTER |
| S639-PY | AERATION BASIN NO.2 DAMPER POSITIONER |
| S639-ZT | AERATION BASIN NO.2 DAMPER POSITION FEEDBACK |

| | | | | | | |
|--|--|---|--|--|--|---|
| <p>Certificate of Authorization KGS Group No. 245 Date: 2010/12/21</p> | | <p>B.M. ELEV. 243.600 m FIELD BOOK #:</p> <p>POSTED TO LIBS</p> | | <p>ENGINEER'S SEAL</p> | <p>2010 HVAC REPLACEMENT AND ASSOCIATED WORKS WEWPCC AREA S - ODOUR DISPERSION ROOM PROCESS & INSTRUMENTATION DIAGRAM</p> | <p>SHEET 1 OF 1</p> <p>CITY DRAWING NUMBER</p> <p>1-0103S-P0022-001</p> |
| <p>DESIGNED BY: DDW CHECKED BY: REW</p> <p>DRAWN BY: DDW APPROVED BY: REW</p> <p>HOR. SCALE: N.T.S. RELEASED FOR CONSTRUCTION</p> <p>VERTICAL: N.T.S.</p> | | <p>00 ISSUED FOR TENDER 2010-12-21 REW</p> <p>NO. REVISIONS DATE BY</p> | | <p>TENDER No. SP4.1</p> <p>FILENAME: 1-0103S-P0022-001-Rev 00.dwg</p> <p>PLOT DATE: 2010/12/16</p> | | |