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VALVES	VENT AND DRAIN VALVES	SPECIALTY ITEMS	FIRE AND SAFETY	SEGMENT BREAKS	LINE IDENTIFICATION SYSTEM	NOTES:																					
<p> GATE VALVE</p> <p> 3-WAY GATE VALVE</p> <p> ANGLE GATE VALVE</p> <p> GLOBE VALVE</p> <p> 3-WAY GLOBE VALVE</p> <p> 4-WAY GLOBE VALVE</p> <p> Y GLOBE VALVE</p> <p> ANGLE GLOBE VALVE</p> <p> CHECK VALVE</p> <p> STOP CHECK VALVE</p> <p> Y STOP CHECK VALVE</p> <p> WAFER CHECK VALVE</p> <p> ANGLE CHECK VALVE</p> <p> ANGLE STOP CHECK VALVE</p> <p> PLUG VALVE</p> <p> 3-WAY PLUG VALVE</p> <p> 4-WAY PLUG VALVE</p> <p> NEEDLE VALVE</p> <p> POST INDICATED VALVE</p> <p> BALL VALVE</p> <p> 3-WAY BALL VALVE</p> <p> BUTTERFLY VALVE</p> <p> DIAPHRAGM VALVE</p> <p> PINCH VALVE</p> <p> KNIFE GATE VALVE</p> <p> SLIDE VALVE</p> <p> FLOAT VALVE</p> <p> Y BLOWDOWN VALVE</p> <p> ANGLE BLOWDOWN VALVE</p> <p> BACKFLOW PREVENTER</p> <p> DELUGE VALVE</p> <p> FOOT VALVE</p> <p> EXTENDED BODY GATE VALVE</p> <p> HOSE VALVE</p> <p> ANGLE HOSE VALVE</p> <p> AUTOMATIC RECIRCULATION VALVE</p> <p> BACKFLOW PREVENTER</p> <p> SPRING LOADED VALVE</p> <p> ORBIT VALVE (PE INDICATES PRESSURE END)</p>	<p>ALL VENT AND DRAINS ON THE P&amp;ID REPRESENT A 0.75" NORMALLY CLOSED VALVE EXCEPTION MUST BE NOTED ON P&amp;ID</p> <p> GATE VALVE FLANGED</p> <p> GATE VALVE PLUGGED</p> <p> BALL VALVE FLANGED</p> <p> BALL VALVE PLUGGED</p> <p> GLOBE VALVE FLANGED</p> <p> GLOBE VALVE PLUGGED</p> <p> PLUG VALVE FLANGED</p> <p> PLUG VALVE PLUGGED</p> <p> NEEDLE VALVE FLANGED</p> <p> NEEDLE VALVE PLUGGED</p> <p> EXTENDED BODY GATE VALVE PLUGGED</p>	<p> FLAME ARRESTOR</p> <p> BASKET STRAINER</p> <p> HAMMER ARRESTOR</p> <p> CONE STRAINER</p> <p> EXPANSION JOINT</p> <p> DUPLEX BASKET STRAINER</p> <p> FLAT PLATE STRAINER</p> <p> HINGED EXPANSION JOINT</p> <p> SINGLE BASKET STRAINER</p> <p> SWIVEL JOINT</p> <p> SUMP STRAINER</p> <p> AIR ELLIMINATOR VALVE</p> <p> T STRAINER</p> <p> AIR VACUUM RELEASE VALVE</p> <p> TEMPORARY STRAINER</p> <p> CALIBRATION COLUMN</p> <p> FILTER</p> <p> STEAM TRAP</p> <p> VENT</p> <p> INLET AIR FILTER</p> <p> DISTRIBUTOR</p> <p> BREATHER VENT</p> <p> EJECTOR</p> <p> EXHAUST HEAD</p> <p> IN-LINE MIXER</p> <p> FREE VENT W/SCREEN</p> <p> MIXING T</p> <p> FREE VENT W/SCREEN</p> <p> SPRAY NOZZLE</p> <p> IN-LINE SILENCER</p> <p> FLEXIBLE HOSE</p> <p> VENT SILENCER</p> <p> MECHANICAL COUPLING</p> <p> SIGHT GLASS</p> <p> REMOVABLE SPOOL</p> <p> RING HEADER</p> <p> SWING ELBOW</p> <p> SAMPLE COOLER</p> <p> SAMPLE CONNECTION</p> <p> SPECIALTY ITEM TAG</p> <p> UTILITY STATION AND NUMBER</p> <p> USE APPROPRIATE LETTERS TO DESCRIBE UTILITY STATION CONFIGURATION</p> <p>A - AIR N - NITROGEN S - STEAM W - WATER</p>	<p> FIRE HYDRANT W/MONITOR NOZZLE</p> <p> FIRE HYDRANT</p> <p> 3-WAY FIRE HYDRANT</p> <p> FOAM CHAMBER</p> <p> FOAM HOSE REEL</p> <p> HOSE RACK STATION</p> <p> HOSE REEL</p> <p> FIRE MONITOR</p> <p> ELEVATED FIRE MONITOR</p> <p> REMOTELY OPERATED FIRE MONITOR</p> <p> FOAM MONITOR</p> <p> ELEVATED FOAM MONITOR</p> <p> REMOTELY OPERATED FOAM MONITOR</p> <p> SAFETY SHOWER AND EYE WASH</p> <p> SAFETY SHOWER</p> <p> EYE WASH</p> <p> PRE-ACTION SPRINKLER</p> <p> SPRAY SPRINKLER</p> <p> WET SPRINKLER</p>	<p> -UU-8"A1X-HC-ET63.5 mm</p> <p>END OF SEGEMENT BREAK</p> <p>BREAKS THE FOLLOWING:</p> <p>SERVICE LINE NUMBER</p> <p>PIPEING MATERIAL CLASS</p> <p>INSULATION TYPE</p> <p>INSULATION THICKNESS</p> <p>HEAT TRACING</p> <p>MEANING OF LINE BREAK</p> <p>LINE POINTED BY APEX OF WHITE TRIANGLE CONNECTED TO ACCESSORY LINE WILL BE BROKEN.</p> <p> PP-NT 63.5 mm HC-ET 38.1 mm</p> <p>INSULATION BREAK</p> <p>BREAKS THE FOLLOWING:</p> <p>INSULATION TYPE</p> <p>INSULATION THICKNESS</p> <p>HEAT TRACING</p> <p> A1X E3N</p> <p>PIPING MATERIAL CLASS BREAK</p> <p> VENDOR CONTRACTOR</p> <p>SUPPLY RESPONSIBILITY BREAK</p>	<p>LINE IDENTIFICATION LETTERS</p> <p>UNIT IDENTIFICATION NUMBERS</p> <p>SEQUENCE NUMBER</p> <p>LINE SIZE</p> <p>PIPEING LINE CLASSIFICATION</p> <p>INSULATION THICKNESS</p> <p>TRACING TYPE</p> <p>ET -ELECTRIC TRACING</p> <p>NT -NOT TRACED</p> <p>ST -STEAM TRACED</p> <p>SJ -STEAM JACKETED</p> <p>INSULATION TYPE</p> <p>C -COLD INSULATION</p> <p>HC -HEAT CONSERVATION</p> <p>N -NO INSULATION</p> <p>PP -PERSONNEL PROTECTION</p>	<p><b>DRAWING CONNECTIONS</b></p> <p><b>OFF-DRAWING CONNECTORS (PROCESS CONNECTION)</b></p> <p>SERVICE DESCRIPTION → XXXX</p> <p>CONNECTION DRAWING NUMBER → DRAWING # 10002 ← CONNECTOR NUMBER</p> <p>EQUIPMENT NUMBER OR UNIT NUMBER, → YYYY</p> <p>SOURCE/DESTINATION (OPTIONAL)</p> <p><b>OFF-SITE CONNECTORS (PROCESS CONNECTION)</b></p> <p>SERVICE DESCRIPTION → XXXX</p> <p>CONNECTION DRAWING NUMBER → DRAWING # 10001 ← CONNECTOR NUMBER</p> <p>EQUIPMENT NUMBER OR UNIT NUMBER, → YYYY</p> <p>SOURCE/DESTINATION (OPTIONAL)</p> <p><b>UTILITY OFF-DRAWING CONNECTOR (PROCESS DRAWING)</b></p> <p>SERVICE DESCRIPTION → XXXX</p> <p>CONNECTOR NUMBER → 10000</p> <p>CONNECTION DRAWING NUMBER → DRAWING #</p> <p><b>UTILITY OFF-DRAWING CONNECTOR (UTILITY DISTRIBUTION DRAWING)</b></p> <p>SERVICE DESCRIPTION → XXXX</p> <p>CONNECTION DRAWING NUMBER → DRAWING # 10003 ← CONNECTOR NUMBER</p> <p>EQUIPMENT NUMBER OR UNIT NUMBER, → YYYY</p> <p>SOURCE/DESTINATION (OPTIONAL)</p>	<p> CLOSED DRAIN</p> <p> OPEN DRAIN</p> <p> DRAIN HUB</p>	<p><b>TIE-IN MARKER</b></p> <p> TP UU</p>	<p>US-UUXXX S   W   A   N</p> <p>UTILITY STATION AND NUMBER</p> <p>USE APPROPRIATE LETTERS TO DESCRIBE UTILITY STATION CONFIGURATION</p> <p>A - AIR N - NITROGEN S - STEAM W - WATER</p>	<p><b>LINE DESIGNATION</b></p> <p> MAJOR PIPING (NEW)</p> <p> SECONDARY PIPING (NEW)</p> <p> HEAT TRACING</p> <p> JACKETED PIPE</p> <p> EXISTING PIPING</p> <p> FUTURE PIPING</p> <p> UNDERGROUND PIPING</p>	<p>NOTE: THIS DRAWING AND THE DATA CONTAINED HEREIN ARE OF A CONFIDENTIAL NATURE AND ARE THE PROPERTY OF WORLEYPARSONS. NO REPRODUCTION OR DISTRIBUTION OF THE ORIGINAL OR COPIES SHALL REQUIRE WRITTEN PERMISSION FROM THE DRAWING OWNER.</p> <table border="1"> <tr> <td>REV</td> <td>DATE</td> <td>DESCRIPTION</td> <td>BY</td> <td>CHK</td> <td>ENG</td> <td>PEM</td> <td>PM</td> </tr> <tr> <td>A</td> <td>26-Jul-12</td> <td>ISSUE FOR REVIEW</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p><b>WorleyParsons</b> resources &amp; energy</p> <p>CLIENT/PROJECT TITLE <b>WORLEYPARSONS MIMOSA</b></p> <p>PROJECT NO.</p> <p>PIPING AND INSTRUMENT DIAGRAM LEGEND SHEET PIPING SYMBOLS</p> <p>SCALE <b>NONE</b></p> <p>DWG. NO. <b>LEGEND-003</b></p> <p>REVISION <b>A</b></p> <p>FILE NAME: \\General\UUL\LEGEND-003.pd</p> <p>A1 841x594</p>	REV	DATE	DESCRIPTION	BY	CHK	ENG	PEM	PM	A	26-Jul-12	ISSUE FOR REVIEW					
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