

VALVE SYMBOLS	1	2	3	4	5	6	7	8	9
<p>GATE VALVE - THREADED/FLANGED</p> <p>CHECK VALVE</p> <p>WYE STRAINER WITH VALVED DRAIN AND QUICK-COUPLE HOSE CONNECTOR</p> <p>ANGLE GLOBE VALVE</p> <p>BUTTERFLY VALVE</p> <p>BALL VALVE</p> <p>MODULATING CONTROL VALVE</p> <p>TWO POSITION CONTROL VALVE</p> <p>THREE-WAY MODULATING CONTROL VALVE</p> <p>THREE-WAY TWO POSITION CONTROL VALVE</p> <p>PRESSURE REGULATING VALVE</p> <p>PRESSURE SAFETY VALVE</p> <p>AUTOMATIC BALANCING CONTROL VALVE</p> <p>WATER BALANCE DEVICE</p> <p>CIRCUIT SETTER VALVE</p> <p>GATE VALVE WITH GLOBE-VALVED BYPASS</p> <p>PLUG VALVE</p> <p>CONTROL VALVE (CV) - FLOOR-OPERATED</p> <p>PRESSURE REDUCING VALVE (PRV)</p> <p>WATER LEVEL CONTROLLER</p> <p>FLOW METER</p>									
<p>DETAIL TITLE / VALVE SYMBOLS</p> <p>SCALE: NONE</p> <p>DATE ISSUED: SEPTEMBER 2010</p> <p>CAD DETAIL NO.: SD320511-17-DWG</p>									

SITE SYMBOLS - UTILITIES	2	3	4	5	6	7	8	9
<p>WATER VALVE</p> <p>DRAIN LINE</p> <p>PIPE LINE, CAST IRON</p> <p>PIPE LINE, DUCTILE IRON</p> <p>DRAIN LINE, STORM (ABOVE FLOOR)</p> <p>DRAIN LINE, STORM (BELOW FLOOR)</p> <p>PVC</p> <p>PIPE LINE, REINFORCED CONCRETE</p> <p>COMPRESSED AIR LINE</p> <p>GAS LINE</p> <p>PIPING, SCREWED GATE VALVE</p> <p>BOILER BLOW DOWN LINE</p> <p>CONDENSATE LINE</p> <p>DRAIN LINE, CONDENSATE</p> <p>RETURN LINE, CONDENSATE</p> <p>RETURN LINE, HIGH PRESSURE</p> <p>RETURN LINE, HIGH TEMPERATURE HOT WATER</p> <p>SUPPLY LINE, HIGH PRESSURE STEAM</p> <p>WATER</p> <p>WATER PUMP</p> <p>POWER LINE</p> <p>CABLE TELEVISION LINE</p> <p>CLOSED CIRCUIT TELEVISION LINE</p> <p>FIBEROPTICS LINE</p>								
<p>DETAIL TITLE / ELECTRICAL SYMBOLS - UTILITIES</p> <p>SCALE: NONE</p> <p>DATE ISSUED: DECEMBER 2008</p> <p>CAD DETAIL NO.: SD330008-17-DWG</p>								

THRUST BLOCK DETAILS	4	5	6	7	8	9
<p>GENERAL NOTES:</p> <ol style="list-style-type: none"> All fittings to be wrapped with 5 mil polyethylene. For thrust blocks, use a minimum of 1000 p.s.i. concrete. For thrust blocks, use a minimum of 1000 p.s.i. concrete. For thrust blocks, use a minimum of 1000 p.s.i. concrete. For thrust blocks, use a minimum of 1000 p.s.i. concrete. For thrust blocks, use a minimum of 1000 p.s.i. concrete. <p>1. All fittings to be wrapped with 5 mil polyethylene.</p> <p>2. For thrust blocks, use a minimum of 1000 p.s.i. concrete.</p> <p>3. For thrust blocks, use a minimum of 1000 p.s.i. concrete.</p> <p>4. For thrust blocks, use a minimum of 1000 p.s.i. concrete.</p> <p>5. For thrust blocks, use a minimum of 1000 p.s.i. concrete.</p> <p>6. For thrust blocks, use a minimum of 1000 p.s.i. concrete.</p>						
<p>DETAIL TITLE / THRUST BLOCK DETAILS</p> <p>SCALE: NONE</p> <p>DATE ISSUED: DECEMBER 2008</p> <p>CAD DETAIL NO.: SD330008-17-DWG</p>						

BEARING AREAS (IN SQ. FT.)	5	6	7	8	9
<p>SIZE</p> <p>45'</p> <p>50'</p> <p>55'</p> <p>60'</p> <p>65'</p> <p>70'</p> <p>75'</p> <p>80'</p> <p>85'</p> <p>90'</p> <p>95'</p> <p>100'</p> <p>105'</p> <p>110'</p> <p>115'</p> <p>120'</p> <p>125'</p> <p>130'</p> <p>135'</p> <p>140'</p> <p>145'</p> <p>150'</p> <p>155'</p> <p>160'</p> <p>165'</p> <p>170'</p> <p>175'</p> <p>180'</p> <p>185'</p> <p>190'</p> <p>195'</p> <p>200'</p>					
<p>DETAIL TITLE / BEARING AREAS</p> <p>SCALE: NONE</p> <p>DATE ISSUED: DECEMBER 2008</p> <p>CAD DETAIL NO.: SD330008-17-DWG</p>					

VALVE BOX ASSEMBLY	8	9
<p>DETAIL TITLE / VALVE BOX ASSEMBLY</p> <p>SCALE: NONE</p> <p>DATE ISSUED: DECEMBER 2008</p> <p>CAD DETAIL NO.: SD330008-17-DWG</p>		

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INSTALLATION AND T-TOP ASPHALT REMOVAL DETAIL	1	2	3	4	5	6	7	8	9
<p>DETAIL TITLE / T-TOP ASPHALT REMOVAL DETAIL</p> <p>SCALE: NONE</p> <p>DATE ISSUED: SEPTEMBER 2010</p> <p>CAD DETAIL NO.: SD320511-17-DWG</p>									

TYPICAL TRENCH SECTION	2	3	4	5	6	7	8	9
<p>DETAIL TITLE / TYPICAL TRENCH SECTION</p> <p>SCALE: NONE</p> <p>DATE ISSUED: DECEMBER 2008</p> <p>CAD DETAIL NO.: SD330008-17-DWG</p>								

TYPICAL TRENCH SECTION NOTES	4	5	6	7	8	9
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EXISTING METER PIT DETAIL	5	6	7	8	9
<p>DETAIL TITLE / EXISTING METER PIT DETAIL</p> <p>SCALE: NONE</p> <p>DATE ISSUED: DECEMBER 2008</p> <p>CAD DETAIL NO.: SD320116-01-DWG</p>					

TOWER PIT DETAIL	7	8	9
<p>DETAIL TITLE / TOWER PIT DETAIL</p> <p>SCALE: NONE</p> <p>DATE ISSUED: DECEMBER 2008</p> <p>CAD DETAIL NO.: SD320116-01-DWG</p>			

TYPE 1 UTILITY TRENCH PATCH	8	9
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TYPE 2 UTILITY TRENCH PATCH	8	9
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CONSULTANTS:	1	2	3	4	5	6	7	8	9
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