

# City of San Diego CADD Standards

Revised February 2006

*By CADD Advisory Committee*



SAN DIEGO **DPC**



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# 1 – Introduction

Standards reflect a set of resources, which are used by organizations to insure uniformity and consistency in procedures and products. This CADD Standard manual lists and explains how to implement the engineering CADD standards adopted by the City of San Diego. However, this document does not set design engineering standards.

## Purpose of Document

The CADD Advisory committee of the City of San Diego has approved this set of CADD standards to be used in creating all digital drawings within the City's CADD community. All CADD users, both City and consultant, who are producing CADD drawing should be familiar with and must use these standards. These are minimum standards for the creation and submittal of CADD drawings at the City of San Diego. Individual Departments or Divisions may have additional requirements for creating and submitting CADD drawings. All users must check with the Division for which the drawings are being produced to determine if additional requirements must be followed.

These standards are to be used with Bentley Systems' MicroStation V8 product, which is the only CADD format accepted by the City. All CADD drawings submitted to the City of San Diego for use or approval shall be in native MicroStation V8 format. It is not intended that drawings be converted to V8 from other CADD software or formats. Experience at the City has shown that this CADD standard is sufficiently met only when drawings are created in MicroStation V8. In addition to the items stated above, standards defined by this document are:

- Color Table
- Custom Line Styles
- Level Structure
- Cell Libraries
- Dimensions
- Seed Files

## Changes to CADD Standards

The CADD Advisory Committee is ultimately responsible for the creation, acceptance, maintenance, publishing, and updating the CADD Standards. To facilitate these functions the CADD Advisory Committee formed a CADD Standards Review Sub-committee, which acts on the behalf of the CADD Advisory Committee in fulfilling the role of establishing City-wide CADD standards. The CADD Standards Review Committee is responsible for proposing, reviewing, and approving changes to the approved and published CADD Standards. Appendix A describes how this sub-committee conducts the business of keeping the CADD Standards current.

## Directory Structure Information

Bentley's MicroStation V8 provides an out of the box directory structure in which most custom files will be placed. The directory structure and related files is given below.

- I. C:\Program Files\Bentley\Workspace\Standards\
  - a. Cell
    - i. V8 City Details.cel
    - ii. V8 City Notes.cel
    - iii. V8 City Existing.cel
    - iv. V8 City Proposed.cel
    - v. Traffic Notes & Details.cel
    - vi. Traffic St Features.cel
    - vii. Traffic Equipment.cel
    - viii. Traffic Striping.cel
  - b. Data
    - i. V8 Color.tbl
  - c. Dgn
    - i. 99 ortho grid.dgn
    - ii. 92 ortho grid.dgn (Geoindex renamed)
  - d. Dgnlib
    - i. V8 City Level.csv
    - ii. V8 City Dimen Style.dgn
  - e. Mdlapps
  - f. Macros
  - g. Symb
    - i. V8 City Line Style.rsc
    - ii. V8 City Traffic Line Style.rsc
    - iii. V8 City Font.rsc
- II. C:\Program Files\Bentley\Workspace\System\data
  - a. Units.def
- III. C:\Program Files\Bentley\Workspace\Users
  - a. V8Workspace.ucf
- IV. C:\Program Files\Axiom\V8\aximenu
  - a. Aximenu.txt
- V. C:\Program Files\Bentley\Program\Licensing\msv8.lic
- VI. C:\Program Files\Bentley\Program\Licensing\bentleyview.lic
- VII. C:\Program Files\Bentley\Civil\lincensing\bentleycivil.lic

## Reference File Path

When attaching reference files, standards require that the full path to the reference file be saved.

## Plotting File Name on Plot File Hard Copy

The file name and date will appear on all plotted sheets.

When using Iplot, this can be accomplished by placing the cell named “FILE PATH AND DATE” from cell library V8 City Notes.cel in the border area on each sheet border before plot files are created and using a corresponding pen table containing a reference to the cell named “FILE PATH AND DATE” when generating the plot files.

When using the MicroStation print/plot option, toggle on print border in the Setting Attribute dialog box..

## 2 – Seed Files

Seed files are the beginning of all MicroStation drawings and the correct City Standard seed file must be used when creating any project file to be submitted or used by the City.

### City MicroStation Seed Files

There are six standard seed files currently being used to create City MicroStation drawings.

Seed File	Usage
V8 CITY NAD27 2D.DGN	2D file using NAD 27 coordinate system, working units defined in feet
V8 CITY NAD27 3D.DGN	3D file using NAD 27 coordinate system, working units defined in feet
V8 CITY NAD83 2D.DGN	2D file using NAD 83 coordinate system, working units defined in survey feet
V8 CITY NAD83 3D.DGN	3D file using NAD 83 coordinate system, working units defined in survey feet
V8 CITY NAD83M 2D.DGN	2D file using NAD83 coordinate system, working units defined in meters
V8 CITY NAD83M 3D.DGN	3D file using NAD83 coordinate system, working units defined in meters

Certain attribute information is built into the City's standard seed and should NOT be changed without submitting a change request to the CADD Standards Committee. They are listed below:

- Working units definitions for either NAD27 or NAD83 based coordinate system
- Current Standard V8 level structure
- Current Standard color table
- Global origin
- Standard dimension style

CADD drawings produced by, used by, or submitted to the City of San Diego are expected to be at full scale using the California State Plane Coordinate System, Zone 6 (NAD 83). The State of California uses the US Survey Foot conversion factor and this must be included as part of all CADD drawings. The City of San Diego will provide the correct units definition file (units.def) to insure the proper metric conversion factor is used.

Other attribute information can be adjusted for each Division or Department's needs. This includes but is not limited to setting up Divisional or Departmental models, active angle and scale settings, and attaching other agency's resource files as determined by the project.

## 3– Color Table

A standard color table (V8 City color.tbl) has been created to insure that all color plots are consistent.

<div></div> <div>0</div> <div>255,255,255</div>	<div></div> <div>1</div> <div>0,170,255</div>	<div></div> <div>2</div> <div>0,255,0</div>	<div></div> <div>3</div> <div>255,0,0</div>	<div></div> <div>4</div> <div>255,225,15</div>	<div></div> <div>5</div> <div>255,0,255</div>	<div></div> <div>6</div> <div>255,125,0</div>	<div></div> <div>7</div> <div>185,135,85</div>	<div></div> <div>8</div> <div>235,235,255</div>	<div></div> <div>9</div> <div>255,218,255</div>	<div></div> <div>10</div> <div>255,182,255</div>	<div></div> <div>11</div> <div>255,145,255</div>	<div></div> <div>12</div> <div>255,109,255</div>	<div></div> <div>13</div> <div>255,72,255</div>	<div></div> <div>14</div> <div>255,36,255</div>	<div></div> <div>15</div> <div>245,0,255</div>
<div></div> <div>16</div> <div>255,245,235</div>	<div></div> <div>17</div> <div>255,255,218</div>	<div></div> <div>18</div> <div>255,255,182</div>	<div></div> <div>19</div> <div>255,255,145</div>	<div></div> <div>20</div> <div>255,255,109</div>	<div></div> <div>21</div> <div>255,255,72</div>	<div></div> <div>22</div> <div>255,255,36</div>	<div></div> <div>23</div> <div>255,245,0</div>	<div></div> <div>24</div> <div>222,255,255</div>	<div></div> <div>25</div> <div>222,218,255</div>	<div></div> <div>26</div> <div>222,182,255</div>	<div></div> <div>27</div> <div>222,145,255</div>	<div></div> <div>28</div> <div>222,109,255</div>	<div></div> <div>29</div> <div>222,72,255</div>	<div></div> <div>30</div> <div>222,36,255</div>	<div></div> <div>31</div> <div>222,0,255</div>
<div></div> <div>32</div> <div>255,210,255</div>	<div></div> <div>33</div> <div>255,210,218</div>	<div></div> <div>34</div> <div>255,210,182</div>	<div></div> <div>35</div> <div>255,210,145</div>	<div></div> <div>36</div> <div>255,210,109</div>	<div></div> <div>37</div> <div>255,210,72</div>	<div></div> <div>38</div> <div>255,210,36</div>	<div></div> <div>39</div> <div>255,210,0</div>	<div></div> <div>40</div> <div>185,255,255</div>	<div></div> <div>41</div> <div>185,218,255</div>	<div></div> <div>42</div> <div>185,182,255</div>	<div></div> <div>43</div> <div>185,145,255</div>	<div></div> <div>44</div> <div>185,109,255</div>	<div></div> <div>45</div> <div>185,72,255</div>	<div></div> <div>46</div> <div>185,36,255</div>	<div></div> <div>47</div> <div>185,0,255</div>
<div></div> <div>48</div> <div>255,168,255</div>	<div></div> <div>49</div> <div>255,168,218</div>	<div></div> <div>50</div> <div>255,168,182</div>	<div></div> <div>51</div> <div>255,168,145</div>	<div></div> <div>52</div> <div>255,168,109</div>	<div></div> <div>53</div> <div>255,168,72</div>	<div></div> <div>54</div> <div>255,168,36</div>	<div></div> <div>55</div> <div>255,168,0</div>	<div></div> <div>56</div> <div>148,255,255</div>	<div></div> <div>57</div> <div>148,218,255</div>	<div></div> <div>58</div> <div>148,182,255</div>	<div></div> <div>59</div> <div>148,145,255</div>	<div></div> <div>60</div> <div>148,109,255</div>	<div></div> <div>61</div> <div>148,72,255</div>	<div></div> <div>62</div> <div>148,36,255</div>	<div></div> <div>63</div> <div>148,0,255</div>
<div></div> <div>64</div> <div>255,126,255</div>	<div></div> <div>65</div> <div>255,126,218</div>	<div></div> <div>66</div> <div>255,126,182</div>	<div></div> <div>67</div> <div>255,126,145</div>	<div></div> <div>68</div> <div>255,126,109</div>	<div></div> <div>69</div> <div>255,126,72</div>	<div></div> <div>70</div> <div>255,126,36</div>	<div></div> <div>71</div> <div>255,126,0</div>	<div></div> <div>72</div> <div>111,255,255</div>	<div></div> <div>73</div> <div>111,218,255</div>	<div></div> <div>74</div> <div>111,182,255</div>	<div></div> <div>75</div> <div>111,145,255</div>	<div></div> <div>76</div> <div>111,109,255</div>	<div></div> <div>77</div> <div>111,72,255</div>	<div></div> <div>78</div> <div>111,36,255</div>	<div></div> <div>79</div> <div>111,0,255</div>
<div></div> <div>80</div> <div>255,84,255</div>	<div></div> <div>81</div> <div>255,84,218</div>	<div></div> <div>82</div> <div>255,84,182</div>	<div></div> <div>83</div> <div>255,84,145</div>	<div></div> <div>84</div> <div>255,84,109</div>	<div></div> <div>85</div> <div>255,84,72</div>	<div></div> <div>86</div> <div>255,84,36</div>	<div></div> <div>87</div> <div>255,84,0</div>	<div></div> <div>88</div> <div>74,255,255</div>	<div></div> <div>89</div> <div>74,218,255</div>	<div></div> <div>90</div> <div>74,182,255</div>	<div></div> <div>91</div> <div>74,145,255</div>	<div></div> <div>92</div> <div>74,109,255</div>	<div></div> <div>93</div> <div>74,72,255</div>	<div></div> <div>94</div> <div>74,36,255</div>	<div></div> <div>95</div> <div>74,0,255</div>
<div></div> <div>96</div> <div>255,42,255</div>	<div></div> <div>97</div> <div>255,42,218</div>	<div></div> <div>98</div> <div>255,42,182</div>	<div></div> <div>99</div> <div>255,42,145</div>	<div></div> <div>100</div> <div>255,42,109</div>	<div></div> <div>101</div> <div>255,42,72</div>	<div></div> <div>102</div> <div>255,42,36</div>	<div></div> <div>103</div> <div>255,42,0</div>	<div></div> <div>104</div> <div>37,255,255</div>	<div></div> <div>105</div> <div>37,218,255</div>	<div></div> <div>106</div> <div>37,182,255</div>	<div></div> <div>107</div> <div>37,145,255</div>	<div></div> <div>108</div> <div>37,109,255</div>	<div></div> <div>109</div> <div>37,72,255</div>	<div></div> <div>110</div> <div>37,36,255</div>	<div></div> <div>111</div> <div>37,0,255</div>
<div></div> <div>112</div> <div>255,0,245</div>	<div></div> <div>113</div> <div>255,0,218</div>	<div></div> <div>114</div> <div>255,0,182</div>	<div></div> <div>115</div> <div>255,0,145</div>	<div></div> <div>116</div> <div>255,0,109</div>	<div></div> <div>117</div> <div>255,0,72</div>	<div></div> <div>118</div> <div>255,0,36</div>	<div></div> <div>119</div> <div>255,175,10</div>	<div></div> <div>120</div> <div>0,240,240</div>	<div></div> <div>121</div> <div>0,218,255</div>	<div></div> <div>122</div> <div>0,182,255</div>	<div></div> <div>123</div> <div>0,145,255</div>	<div></div> <div>124</div> <div>0,109,255</div>	<div></div> <div>125</div> <div>0,72,255</div>	<div></div> <div>126</div> <div>0,36,255</div>	<div></div> <div>127</div> <div>10,160,255</div>
<div></div> <div>128</div> <div>235,255,235</div>	<div></div> <div>129</div> <div>218,255,255</div>	<div></div> <div>130</div> <div>182,255,255</div>	<div></div> <div>131</div> <div>145,255,255</div>	<div></div> <div>132</div> <div>109,255,255</div>	<div></div> <div>133</div> <div>72,255,255</div>	<div></div> <div>134</div> <div>36,255,255</div>	<div></div> <div>135</div> <div>0,255,235</div>	<div></div> <div>136</div> <div>240,0,0</div>	<div></div> <div>137</div> <div>214,0,0</div>	<div></div> <div>138</div> <div>183,0,0</div>	<div></div> <div>139</div> <div>153,0,0</div>	<div></div> <div>140</div> <div>122,0,0</div>	<div></div> <div>141</div> <div>91,0,0</div>	<div></div> <div>142</div> <div>61,0,0</div>	<div></div> <div>143</div> <div>30,0,0</div>
<div></div> <div>144</div> <div>255,255,222</div>	<div></div> <div>145</div> <div>218,255,222</div>	<div></div> <div>146</div> <div>182,255,222</div>	<div></div> <div>147</div> <div>145,255,222</div>	<div></div> <div>148</div> <div>109,255,222</div>	<div></div> <div>149</div> <div>72,255,222</div>	<div></div> <div>150</div> <div>36,255,222</div>	<div></div> <div>151</div> <div>0,255,222</div>	<div></div> <div>152</div> <div>0,225,0</div>	<div></div> <div>153</div> <div>0,210,0</div>	<div></div> <div>154</div> <div>0,183,0</div>	<div></div> <div>155</div> <div>0,153,0</div>	<div></div> <div>156</div> <div>0,122,0</div>	<div></div> <div>157</div> <div>0,91,0</div>	<div></div> <div>158</div> <div>0,61,0</div>	<div></div> <div>159</div> <div>0,30,0</div>
<div></div> <div>160</div> <div>255,255,185</div>	<div></div> <div>161</div> <div>218,255,185</div>	<div></div> <div>162</div> <div>182,255,185</div>	<div></div> <div>163</div> <div>145,255,185</div>	<div></div> <div>164</div> <div>109,255,185</div>	<div></div> <div>165</div> <div>72,255,185</div>	<div></div> <div>166</div> <div>36,255,185</div>	<div></div> <div>167</div> <div>0,255,185</div>	<div></div> <div>168</div> <div>0,0,240</div>	<div></div> <div>169</div> <div>0,0,214</div>	<div></div> <div>170</div> <div>0,0,183</div>	<div></div> <div>171</div> <div>0,0,153</div>	<div></div> <div>172</div> <div>0,0,122</div>	<div></div> <div>173</div> <div>0,0,91</div>	<div></div> <div>174</div> <div>0,0,61</div>	<div></div> <div>175</div> <div>0,0,30</div>
<div></div> <div>176</div> <div>255,255,148</div>	<div></div> <div>177</div> <div>218,255,148</div>	<div></div> <div>178</div> <div>182,255,148</div>	<div></div> <div>179</div> <div>145,255,148</div>	<div></div> <div>180</div> <div>109,255,148</div>	<div></div> <div>181</div> <div>72,255,148</div>	<div></div> <div>182</div> <div>36,255,148</div>	<div></div> <div>183</div> <div>0,255,148</div>	<div></div> <div>184</div> <div>225,225,0</div>	<div></div> <div>185</div> <div>214,214,0</div>	<div></div> <div>186</div> <div>183,183,0</div>	<div></div> <div>187</div> <div>153,153,0</div>	<div></div> <div>188</div> <div>122,122,0</div>	<div></div> <div>189</div> <div>91,91,0</div>	<div></div> <div>190</div> <div>61,61,0</div>	<div></div> <div>191</div> <div>30,30,0</div>
<div></div> <div>192</div> <div>255,255,111</div>	<div></div> <div>193</div> <div>218,255,111</div>	<div></div> <div>194</div> <div>182,255,111</div>	<div></div> <div>195</div> <div>145,255,111</div>	<div></div> <div>196</div> <div>109,255,111</div>	<div></div> <div>197</div> <div>72,255,111</div>	<div></div> <div>198</div> <div>36,255,111</div>	<div></div> <div>199</div> <div>0,255,111</div>	<div></div> <div>200</div> <div>245,0,245</div>	<div></div> <div>201</div> <div>210,0,210</div>	<div></div> <div>202</div> <div>183,0,183</div>	<div></div> <div>203</div> <div>153,0,153</div>	<div></div> <div>204</div> <div>122,0,122</div>	<div></div> <div>205</div> <div>91,0,91</div>	<div></div> <div>206</div> <div>61,0,61</div>	<div></div> <div>207</div> <div>30,0,30</div>
<div></div> <div>208</div> <div>255,255,74</div>	<div></div> <div>209</div> <div>218,255,74</div>	<div></div> <div>210</div> <div>182,255,74</div>	<div></div> <div>211</div> <div>145,255,74</div>	<div></div> <div>212</div> <div>109,255,74</div>	<div></div> <div>213</div> <div>72,255,74</div>	<div></div> <div>214</div> <div>36,255,74</div>	<div></div> <div>215</div> <div>0,255,74</div>	<div></div> <div>216</div> <div>0,245,245</div>	<div></div> <div>217</div> <div>0,214,214</div>	<div></div> <div>218</div> <div>0,183,183</div>	<div></div> <div>219</div> <div>0,153,153</div>	<div></div> <div>220</div> <div>0,122,122</div>	<div></div> <div>221</div> <div>0,91,91</div>	<div></div> <div>222</div> <div>0,61,61</div>	<div></div> <div>223</div> <div>0,30,30</div>
<div></div> <div>224</div> <div>255,255,37</div>	<div></div> <div>225</div> <div>218,255,37</div>	<div></div> <div>226</div> <div>182,255,37</div>	<div></div> <div>227</div> <div>145,255,37</div>	<div></div> <div>228</div> <div>109,255,37</div>	<div></div> <div>229</div> <div>72,255,37</div>	<div></div> <div>230</div> <div>36,255,37</div>	<div></div> <div>231</div> <div>0,255,33</div>	<div></div> <div>232</div> <div>240,240,240</div>	<div></div> <div>233</div> <div>224,224,224</div>	<div></div> <div>234</div> <div>203,203,203</div>	<div></div> <div>235</div> <div>182,182,182</div>	<div></div> <div>236</div> <div>161,161,161</div>	<div></div> <div>237</div> <div>140,140,140</div>	<div></div> <div>238</div> <div>119,119,119</div>	<div></div> <div>239</div> <div>98,98,98</div>
<div></div> <div>240</div> <div>245,255,0</div>	<div></div> <div>241</div> <div>218,255,0</div>	<div></div> <div>242</div> <div>182,255,0</div>	<div></div> <div>243</div> <div>145,255,0</div>	<div></div> <div>244</div> <div>109,255,0</div>	<div></div> <div>245</div> <div>72,255,0</div>	<div></div> <div>246</div> <div>36,255,0</div>	<div></div> <div>247</div> <div>10,255,10</div>	<div></div> <div>248</div> <div>85,85,85</div>	<div></div> <div>249</div> <div>85,85,85</div>	<div></div> <div>250</div> <div>255,200,40</div>	<div></div> <div>251</div> <div>255,255,218</div>	<div></div> <div>252</div> <div>245,245,245</div>	<div></div> <div>253</div> <div>214,214,214</div>	<div></div> <div>254</div> <div>255,255,255</div>	<div></div> <div>255</div> <div>0,0,0</div>

V8 City color.tbl

V8 Color Table

## 4 – Line Styles

The City CADD standards contain two custom line style resource files to be used in addition to the 8 default line styles when defining existing and proposed structures within the City CADD environment. These two resource files (V8 City Line Style.rsc and V8 Traffic.rsc) differ greatly in how they were created and how they will be used in placing elements in a drawing.

### **V8 City Line Style.rsc**

V8 City Line Style.rsc contains symbols to represent the line work of existing and proposed structures. Once placed in a drawing, they are symbolic of the structures only and DO NOT represent a scaled version of the structure. They were created to be placed on a drawing using the plot scale factor as the line style scale factor. Thus, when working on a drawing which will be plotted at 40-scale use the line style scale factor of 40, and when working on a drawing, which will be plotted at 20-scale use the line style scale factor of 20 etc. Results being that the symbols on the 40 and 20 scale plots will look the same on the hardcopy.









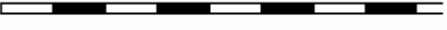
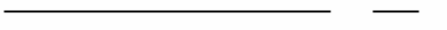
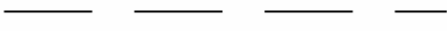
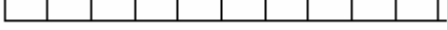
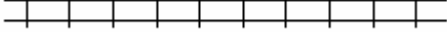
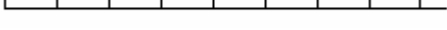
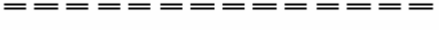
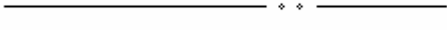
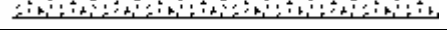



### **V8 City Traffic.rsc**

V8 City Traffic.rsc contains currently used City traffic striping line styles. These are scalable representations of traffic striping if placed using line style scale factor of 1 regardless of plot scale.

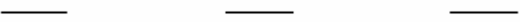





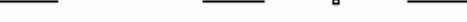








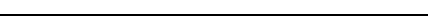
## V8 City Line Style.rsc



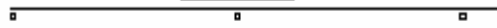










Line Style Name	Description	Sample
BARRL	Barricade Left	
BARRR	Barricade Right	
BERM	Berm	
BROWDL	Brow Ditch Left	
BROWDR	Brow Ditch Right	
CAL ABUTT RTS	Cal Trans Abutment	
CATV	Cable TV	
CHANNEL	Channel	
CITY BNDY	City Boundary	
CL	Center Line	
CNTY BNDY	County Boundary	
CUT	Cut	
DAYLT	Daylight	
ELEC	Electric Line	
EOPL	Edge of Pavement Left	
EOPR	Edge of Pavement Right	
EXCONC	Existing Concrete	
EXPAV	Existing Pavement	
EXSM	Existing Sewer Main	
EXWM	Existing Water Main	
FENCE	Fence	
FO	Fiber Optic	
FILL	Fill	
FSWALLEFT	Free Stand. Wall Left	
FSWALRIGHT	Free Stand. Wall Right	
FUEL	Fuel Line	
GAS	Gas Line	
INT BNDY	International Boundary	
KRAIL	K Rail	
MHTL	Mean High Tide Line	
OHD	Overhead Lines	
PBARRL	Prop Barricade Left	



PBARRR	Prop Barricade Right	
Line Style Name	Description	Sample
PBERM	Prop Berm	
PDITCHL	Prop Ditch Left	
PDITCHR	Prop Ditch Right	
PFSWALLL	Prop Free Stand Wall L	
PFSWALLR	Prop Free Stand Wall R	
PKRAIL	Prop K Rail	
PLSPL	Property Line Lot Split	
PRWALL	Prop Retaining Wall	
PSM	Prop Sewer Main	
PWM	Prop Water Main	
ROW	Right of Way	
RR	Railroad, Trolley	
RWALL	Prop Wall	
SD	Storm Drain	
STREAM	Stream and Rivers	
SWLEFT	Swale Left	
SWRIGHT	Swale Right	
TEL	Telephone Line	
TSCON	Traffic Signal Conduit	

**V8 City Traffic.rsc**

Line Style	Description	Sample
Detail 1	4" Yellow CL 40 MPH or less	
Detail 2	4" Yellow CL w/RPM 40 MPH or less	
Detail 5	4" Yellow CL 45 MPH or more	
Detail 6	4" Yellow CL w/RPM 45 MPH or more	
Detail 7	4" Yellow CL w/RPM 45 MPH or more (Alt to Detail 6)	
Detail 8	4" White Laneline 40 MPH or less	
Detail 9	4" White Laneline w/RPM 40 MPH or less	
Detail 11	4" White Laneline 45 MPH or more	
Detail 12	4" White Laneline w/RPM 45 MPH or more	
Detail 21	4" Yellow No Passing	
Detail 22	4" Yellow No Passing w/RPM	
Detail 24	4" Yellow Left Edge (Local)	
Detail 25	4" Yellow Left Edge w/RPM (Highways)	
Detail 27	4" Yellow Left Edge w/RPM (Alt to Detail 25)	
Detail 27B	4" White Right Edge	
Detail 28	Double Left Edge Pattern	

Line Style	Description	Sample
Detail 29	Double Left Edge Pattern w/RPM	
Detail 31	4" Yellow Two-Way Left Turn (Top)	
Detail 32	4" Yellow Two-Way Left Turn w/RPM (Top)	
Detail 36	8" White Channelizing w/RPM	
Detail 36A	8" White Channelizing w/RPM	
Detail 37	8" White Lane Drop w/Double RPM	
Detail 37B	8" White Lane Drop w/Double RPM	
Detail 38	8" White Channelizing Turn Pocket w/RPM (State)	
Detail 38A	8" White Channelizing Turn Pocket w/RPM (Local)	
Detail 38B	8" White Channelizing Turn Pocket w/RPM (Exit Ramp)	
Detail 39	6" White Bike Lane	
Detail 39A	6" White Bike Lane @ Intersection	
Detail 40	4" White Turn Arc	

## 5 – Level Structure

The City has defined a MicroStation V8 named level structure, which allows the CADD user to place elements with the correct color, weight, and line style by picking the correct named level. The levels have been divided into major categories and can be manipulated by using a set of filters. The V8 level structure has also been incorporated into the V8 seed files.

### Structure of the V8 Named Levels

#### Major Categories

Named levels categories consist of major discipline areas as listed below. Every level in each category will start with its categories abbreviation shown in parentheses. All levels are available in each V8 seed file.

- Architectural (ARCH)
- Boundary (BDRY)
- Cable TV (CATV)
- Electric (E)
- Fuel (FUEL)
- Gas (GAS)
- InRoads – Storm and Sanitary (INR)
- Instrumentation (INSTR)
- Irrigation (IRR)
- Landscape (L)
- Mechanical (M)
- Recycled Water (RW)
- Sewer (SWR)
- Sheet Information (SHTINF)
- Storm Drain (SD)
- Structural (STR)
- Surface Features (SF)
- Survey (SUR)
- Telephone (TEL)
- Traffic (TRAF)
- Water (WTR)
- Water Distribution (WDIST)

## Structure of the Predefined Filters

Appropriate City Departmental filters and sub filters have been created and are shown in the list below. These filters are also included in the seed files.

- **MWWD**
  - Instrumentation
  - Mechanical
  - Recycled Water
  - Sewer
- **TED**
  - Storm Drain
  - Traffic
- **Used Levels**
- **Water**
  - Instrumentation
  - Mechanical
  - Recycled Water
  - Structural
- **Water Distribution**
  - Arch Bldg Elev
  - Arch Bldg Plan
  - Arch Site Elev
  - Arch Site Pan
- **WSD**
  - Sewer Existing
  - Sewer Proposed
  - Water Existing
  - Water Proposed
  - WSD All
- **Survey**
  - Boundary
    - Easement
    - Monumentation
    - Property
    - Right of way
    - Utilities existing
    - Pt #
    - Text
    - Utilities Proposed
  - Lay Out
    - Aerial Panel
    - DTM
    - Parcel
    - Sewer
    - Water
  - Prelim
    - Line
    - Number
    - Point
    - Text
  - Sheet
  - Surface Features
    - Break Lines
    - Exterior
    - Interior
    - Spots
  - Survey Levels
  - Utilities Proposed

## Architectural Levels

Architectural Levels				
Name	Description	Color	Style	Weight
ABLDGE BLOCK WALL	Arch Building Elevation Concrete Block Wall	0	0	0
ABLDGE BRICK WALL	Arch Building Elevation Brick Wall	0	0	0
ABLDGE CABINETS LOCKERS	Arch Building Elevation Cabinets and Lockers	0	0	1
ABLDGE CEILINGS	Arch Building Elevation Ceilings	0	0	0
ABLDGE COLUMNS	Arch Building Elevation Columns	0	0	1
ABLDGE DIMEN	Arch Building Elevation Arch Building Elevation Dimensions	5	0	1
ABLDGE DOORS	Arch Building Elevation Doors Systems	0	0	1
ABLDGE ELEC	Arch Building Elevation Electrical Lights and Wiring	3	0	1
ABLDGE ELEV	Arch Building Elevation Elevator shafts	0	0	1
ABLDGE EQUIPT MACH	Arch Building Elevation Equipment or Machines	2	0	1
ABLDGE ESCAL	Arch Building Elevation Escalators and Moving Walks	0	0	1
ABLDGE FINISH FLOOR	Arch Building Elevation Finish Floor	0	0	0
ABLDGE FIREPLACE	Arch Building Elevation Fireplace	0	0	0
ABLDGE FLOOR JOIST	Arch Building Elevation Floor Joist	0	0	0
ABLDGE FOUNDATION	Arch Building Elevation Foundation	0	0	1
ABLDGE FURNISHINGS	Arch Building Elevation Furnishings	5	0	1
ABLDGE GLASS WALL	Arch Building Elevation Glass Block Wall	0	0	0
ABLDGE GYPSUM	Arch Building Elevation Gypsum Board	0	0	0
ABLDGE HANDRAILS	Arch Building Elevation Handrails	0	0	0
ABLDGE HVAC	Arch Building Elevation HVAC Ductwork and Diffusers	0	0	0
ABLDGE INSUL	Arch Building Elevation Insulation	3	0	0
ABLDGE LAM BEAM	Arch Building Elevation Laminated Beam	0	0	0
ABLDGE LAPPED SIDING	Arch Building Elevation Lapped Wood Siding	0	0	0
ABLDGE LOUVERS	Arch Building Elevation Louvers	0	0	0
ABLDGE MOISTURE BARRIER	Arch Building Elevation Moisture Barrier	0	0	0
ABLDGE NOTES	Arch Building Elevation Arch Building Elevation Notes	0	0	1
ABLDGE PLUMB	Arch Building Elevation Plumbing	0	0	2
ABLDGE PLUMB FIX	Arch Building Elevation Plumbing Fixtures	0	0	1
ABLDGE PLYWOOD FLOOR	Arch Building Elevation Plywood Floor	0	0	0
ABLDGE PLYWOOD SHEAT	Arch Building Elevation Plywood Sheathing	0	0	0
ABLDGE RENOV REMAIN	Arch Building Elevation Arch Building Elevation Renovation Remain	0	0	2
ABLDGE RENOV REMOVE	Arch Building Elevation Arch Building Elevation Renovation Remove	0	0	2
ABLDGE ROOF FELT AND FLASH	Arch Building Elevation Roof Felt and Flashing	0	0	0
ABLDGE ROOF TILES	Arch Building Elevation Roofing Tile	0	0	0
ABLDGE ROOF TRUSS	Arch Building Elevation Wood Roof Truss	0	0	0
ABLDGE ROOM NUM	Arch Building Elevation Room Names and Numbers	0	0	1
ABLDGE SHEATHING WALL	Arch Building Elevation Wall Sheathing	0	0	0
ABLDGE SHINGLES	Arch Building Elevation Shingles	0	0	0
ABLDGE SLAB	Arch Building Elevation Slab on Grade	0	0	0

Architectural Levels				
Name	Description	Color	Style	Weight
ABLDGE SPEC CONSTR	Arch Building Elevation Special Construction	0	0	0
ABLDGE STAIRS	Arch Building Elevation Stairs	0	0	1
ABLDGE STUCCO	Arch Building Elevation Stucco Finish	0	0	0
ABLDGE WINDOWS	Arch Building Elevation Windows Systems	0	0	0
ABLDGE WOOD FRAME WALL	Arch Building Elevation Wood Frame Walls	0	0	0
ABLDGE WOOD VINYL SIDING	Arch Building Elevation Wood or Vinyl Siding	0	0	0
ABLDGP BEAM CL	Arch Building Plan Beam Centerline	3	4	0
ABLDGP BEAM EDGE	Arch Building Plan Beam Edge	0	0	0
ABLDGP BLOCK WALL	Arch Building Plan Concrete Block Wall	0	0	0
ABLDGP BRICK WALL	Arch Building Plan Brick Wall	0	0	0
ABLDGP CABINET LOCKER	Arch Building Plan Cabinets and Lockers	0	0	1
ABLDGP CEILINGS	Arch Building Plan Ceilings	0	0	0
ABLDGP COLUMNS	Arch Building Plan Columns	0	0	1
ABLDGP DIMENS	Arch Building Plan Arch Building Plan Dimensions	5	0	1
ABLDGP DOORS	Arch Building Plan Doors	0	0	1
ABLDGP ELEC CELLS	Arch Building Plan Electrical	3	2	1
ABLDGP ELEC HEATING	Arch Building Plan Electrical Heating Systems	3	7	1
ABLDGP ELEV SHAFT	Arch Building Plan Elevator shafts	0	0	1
ABLDGP EQUIPT OR MACH	Arch Building Plan Equipment or Machines	0	0	1
ABLDGP ESCAL	Arch Building Plan Escalators and Moving Walks	0	0	1
ABLDGP FURNISH	Arch Building Plan Furnishings	0	0	1
ABLDGP GLASS BLOCK WALL	Arch Building Plan Glass Block Wall	0	0	0
ABLDGP HANDRAILS	Arch Building Plan Handrails	0	0	0
ABLDGP HVAC DUCT	Arch Building Plan HVAC Ductwork	0	0	0
ABLDGP LOUVERS	Arch Building Plan Louvers	0	0	0
ABLDGP NOTES	Arch Building Plan Arch Building Plan Notes	0	0	1
ABLDGP PLUMB	Arch Building Plan Plumbing	0	0	2
ABLDGP PLUMB FIX	Arch Building Plan Plumbing Fixtures	0	0	1
ABLDGP RENOVA REMAIN	Arch Building Plan Arch Building Plan Renovation Remain	0	0	2
ABLDGP RENOVA REMOVE	Arch Building Plan Arch Building Plan Renovation Remove	0	0	2
ABLDGP ROOM NUM	Arch Building Plan Room Names and Numbers	0	0	1
ABLDGP SPEC CONSTR	Arch Building Plan Special Construction	0	0	0
ABLDGP STAIRS	Arch Building Plan Stairs	0	0	1
ABLDGP TEL	Arch Building Plan Telephone Cables	5	5	1
ABLDGP WALLS	Arch Building Plan Walls	0	0	1
ABLDGP WINDOW	Arch Building Plan Windows	0	0	0
ASITEE DECKS	Arch Site Elevation Decks with stairs	0	0	1
ASITEE DRAIN	Arch Site Elevation Site Drains	0	0	0
ASITEE FOOTING	Arch Site Elevation Footings	0	0	1
ASITEE PILES	Arch Site Elevation Piles and Caissons	0	0	1
ASITEE PLANTS CELL	Arch Site Elevation Trees, Shrubs, and Plants	3	0	3
ASITEE REBAR	Arch Site Elevation Rebar and Reinforcement	0	3	1
ASITEE RETAINING	Arch Site Elevation Retaining Walls	0	0	0

Architectural Levels				
Name	Description	Color	Style	Weight
ASITEE STAIRS	Arch Site Elevation Outdoor Stairs	0	0	3
ASITEP DECKING	Arch Site Plan Floating Dock Decking	0	0	1
ASITEP DECKS	Arch Site Plan Decks with stairs	0	0	1
ASITEP DRAIN	Arch Site Plan Site Drains	1	3	1
ASITEP FLOAT DOCK	Arch Site Plan Floating Dock Flotation Base	0	0	1
ASITEP FOOTING	Arch Site Plan Footings	0	3	1
ASITEP FOOTPRINT	Arch Site Plan Building Footprint	0	0	3
ASITEP GANGWAY	Arch Site Plan Gangway	0	0	2
ASITEP HANDRAIL	Arch Site Plan Handicap Ramp Handrail	0	0	0
ASITEP IRRIGATION	Arch Site Plan Irrigation	0	0	0
ASITEP PAVING	Arch Site Plan Paving	0	0	1
ASITEP PILES	Arch Site Plan Piles and Caissons	0	0	1
ASITEP RAMP	Arch Site Plan Handicap Ramp	0	0	1
ASITEP REBAR	Arch Site Plan Rebar and Reinforcement	0	3	1
ASITEP RET WALL	Arch Site Plan Retaining Walls	0	0	0
ASITEP SIDEWALK	Arch Site Plan Sidewalks	0	0	1
ASITEP STAIRS	Arch Site Plan Outdoor Stairs Concrete	0	0	1
ASITEP TREE	Arch Site Plan Trees, Shrubs and Plants	3	0	3



## Boundary Levels

Boundary Levels				
Name	Description	Color	Style	Weight
BDRY CL EX 6	Boundary Center Line Of Right Of Way Existing	3	4	0
BDRY CL PROP 6	Boundary Center Line Of Right Of Way Proposed	3	4	2
BDRY CL TXT EX 6	Boundary Center Line Text	3	0	1
BDRY CNCL DST	Boundary Council District	0	0	5
BDRY CNTY	Boundary County Boundary	17	0	5
BDRY COM PLNG	Boundary Community Planning	0	0	5
BDRY CT 5	Boundary CalTrans Right of Way	3	6	4
BDRY CT ABUT 5	Boundary CalTrans Abutters Rights	3	0	2
BDRY CT TXT 5	Boundary CalTrans Right of Way Text	3	6	4
BDRY CTY	Boundary City Boundary	53	0	4
BDRY ESMT AVIG EX 7	Boundary Easement Aviation Existing	3	3	0
BDRY ESMT AVIG PROP 7	Boundary Easement Aviation Proposed	3	0	3
BDRY ESMT DRN EX 7	Boundary Easement Drainage Existing	5	3	0
BDRY ESMT DRN PROP 7	Boundary Easement Drainage Proposed	5	0	3
BDRY ESMT GE EX 7	Boundary Easement SDGE Existing	4	3	0
BDRY ESMT GE PROP 7	Boundary Easement SDGE Proposed Acquisition	4	0	3
BDRY ESMT GU EX 7	Boundary Easement General Utility Existing	0	3	0
BDRY ESMT GU PROP 7	Boundary Easement General Utility Proposed Acquisition	0	0	3
BDRY ESMT IE EX 7	Boundary Easement Ingress/Egress Existing	50	3	0
BDRY ESMT IE PROP EX 7	Boundary Easement Ingress/Egress Proposed	50	0	3
BDRY ESMT LINE EX	Boundary Easement Line Existing	0	0	0
BDRY ESMT OS EX 7	Boundary Easement Open Space Existing	36	3	0
BDRY ESMT OS PROP 7	Boundary Easement Open Space Proposed Acquisition	36	0	3
BDRY ESMT PT EX 7	Boundary Easement Point Existing	4	0	0
BDRY ESMT PT NUM 54	Boundary Easement Point Number	4	0	0
BDRY ESMT SLP EX 7	Boundary Easement Slope Existing	7	3	0
BDRY ESMT SLP PROP 7	Boundary Easement Slope Proposed Acquisition	7	0	3
BDRY ESMT SWR EX 7	Boundary Easement Sewer Existing	2	3	0
BDRY ESMT SWR PROP 7	Boundary Easement Sewer Proposed Acquisition	2	0	3
BDRY ESMT TC EX 7	Boundary Easement Temporary Construction Area Proposed	23	0	3
BDRY ESMT TEL EX 7	Boundary Easement Telco Existing	6	3	0
BDRY ESMT TEL PROP 7	Boundary Easement Telco Proposed Acquisition	6	0	3
BDRY ESMT TXT 7	Boundary Easement Text	4	0	0
BDRY ESMT WTR EX 7	Boundary Easement Water Existing	1	3	0
BDRY ESMT WTR PROP 7	Boundary Easement Water Proposed Acquisition	1	0	3
BDRY INTL	Boundary International Boundaries	19	0	5
BDRY LEASE EX 4	Boundary Lease Existing	3	6	1
BDRY LEASE PROP 4	Boundary Lease Proposed	3	6	3
BDRY LEASE PT EX 4	Boundary Lease Point Existing	3	6	1
BDRY LEASE PT NUM 54	Boundary Lease Point Number	4	0	0
BDRY LEASE TXT	Boundary Lease Text	4	0	0

Boundary Levels				
Name	Description	Color	Style	Weight
BDRY LL EX 4	Boundary Property Line	4	0	0
BDRY LL TXT EX 4	Boundary Lot Line	4	0	0
BDRY LS TXT EX 4	Boundary Lot Split	4	6	0
BDRY MEAS TXT	Boundary Dimension and Measurement Text	0	6	3
BDRY MHTL	Boundary Mean High Tide Line	0	MHTL	2
BDRY PARK EX 51	Boundary Park Recreation Boundary Existing	102	1	2
BDRY PARK PROP 51	Boundary Park Recreation Boundary Proposed	102	0	3
BDRY PARK PT NUM 54	Boundary Park Point Number	4	0	0
BDRY PARK TXT	Boundary Park Text	4	0	0
BDRY PT NUM 54	Boundary Point Number	0	0	0
BDRY REC TXT 5	Boundary Record Data Text	0	0	0
BDRY RP EX 6	Boundary Radius Point Existing	3	2	0
BDRY RP PROP 6	Boundary Radius Point Proposed	3	2	0
BDRY RP TXT	Boundary Radius Point Text	3	2	0
BDRY RW EX 5	Boundary Right Of Way Existing	6	0	3
BDRY RW PROP 5	Boundary Right Of Way Proposed	1	0	3
BDRY RW TXT EX 5	Boundary Right Of Way Existing	6	0	3
BDRY SCHL DIST	Boundary School District	0	0	5
BDRY STRT DED EX 5	Boundary Street Dedication Existing	1	0	0
BDRY STRT DED PROP 5	Boundary Street Dedication Proposed	1	0	3
BDRY STRT TXT	Boundary Street Name Text	0	0	2
BDRY STRT VAC EX 5	Boundary Street Vacation Existing	0	0	0
BDRY STRT VAC PROP 5	Boundary Street Vacation Proposed	0	0	3
BDRY SUB EX4	Boundary Subdivision Boundary	5	6	4
BDRY TXT	Boundary Text	0	0	0
BDRY WTR PRES ZN	Boundary Water Pressure Zone	0	0	5
BDRY ZIP	Boundary Zip Code	0	0	5

## Cable TV Levels

CATV Levels				
Name	Description	Color	Style	Weight
CATV CELL EX 43	Cable TV Structure Cells Existing	6	0	1
CATV LINE EX 43	Cable TV Line Existing	6	CATV	1
CATV PNT NUM EX 56	Cable TV Point Number Existing	6	0	1
CATV TXT EX 43	Cable TV Text Existing	6	0	1

## Electric Levels

Electric Levels				
Name	Description	Color	Style	Weight
E CELL EX 37	Electric Structure Cell Ex	3	0	1
E CELL PROP	Electric Structure Cell Prop	3	0	0
E LINE EX 40	Electric Line Ex	3	ELEC	1

Electric Levels				
Name	Description	Color	Style	Weight
E LINE PROP	Electric Line Prop	3	ELEC	0
E PNT NUM EX 56	Electric Point Number Existing	3	0	1
E TXT EX 40	Electric Text Ex	3	0	1
E TXT PROP	Electric Text Prop	3	0	3

## Fuel

Fuel Levels				
Name	Description	Color	Style	Weight
FUEL CELL EX	Fuel Cell Ex	0	0	0
FUEL EX	Fuel Ex	28	FUEL	1
FUEL TXT EX	Fuel Text Ex	28	0	1

## Gas Levels

Gas Levels				
Name	Description	Color	Style	Weight
GAS CELL EX 41	Gas Structure Cells Existing	4	0	1
GAS MAIN EX 41	Gas Main Existing	4	0	1
GAS PNT NUM EX 56	Gas Point Number Existing	4	0	1
GAS TXT EX 41	Gas Text	4	0	1

## InRoads – Storm and Sanitary

InRoads – Storm and Sanitary Levels				
Name	Description	Color	Style	Weight
INR ALG LINE	InRoads Alignment Lines	7	0	3
INR DTM PERMETER	InRoads DTM Perimeter	5	2	3
INR EGL	InRoads Energy Grad Line	153	2	1
INR HGL	InRoads Hydraulic Grade Line	0	0	0
INR PROF AXIS	InRoads Profile Axis	2	0	1
INR PROF SF LINE	InRoads Profile Surface Lines	5	0	2
INR UTL	InRoads Utilities	139	0	2
INR ZN BDRY	InRoads Boundary	7	0	3

## Instrumentation Levels

Instrumentation Levels				
Name	Description	Color	Style	Weight
INSTR AIR FTNG	Instrumentation Air Fittings	10	0	1
INSTR AIR MN HD	Instrumentation Air Main Header (by piping)	10	0	0

Instrumentation Levels				
Name	Description	Color	Style	Weight
INSTR AIR SUB HD PIPNG	Instrumentation Air Sub-Header Piping	10	0	5
INSTR AIR SUP ELPS SYM INSTL DTL CO SYM LL TXT	Instrumentation Air Supply Ellipse Symbol Installation Detail CO Symbol Leader Lines Text	10	0	2
INSTR BRDR	Instrumentation Border	0	0	0
INSTR CONST ELMT OBJT LN	Instrumentation Construction Elements and Object Lines	3	0	0
INSTR CONST MTCH LN FOR OPZ FL	Instrumentation Construction Match Lines for OPZ Files	3	6	4
INSTR CONST PT	Instrumentation Construction Points	7	0	10
INSTR DIM LL AROW TXT	Instrumentation Dimensioning with Leader Lines Arrowheads and Text	7	0	1
INSTR ELEC 120VAC INSTR DEV TAG CO TXT	Instrumentation Elec 120VAC Instrumentation Device Tag Callout Text (power required)	5	0	2
INSTR ELEC 120VAC VEND INSTR DEV TAG CO TXT	Instrumentation Elec 120VAC Vendor Instrumentation Device Tag Callout Text (power required)	53	0	2
INSTR ELEC 120VAC VEND WIRE CONDT FTNG JBOX	Instrumentation Elec 120VAC Vendor Wire and Conduit Fittings Junction Box (power required)	53	0	2
INSTR ELEC 120VAC WIRE CONDT FTNG JBOX	Instrumentation Elec 120VAC Wire and Conduit Fittings Junction Box (power required)	5	0	2
INSTR ELEC 24VDC ALM INSTR DEV TAG CO TXT	Instrumentation Elec 24VDC Alarm Instrumentation Device Tag Callout Text	51	0	2
INSTR ELEC 24VDC ALM WIRE CONDT FTNG JBOX	Instrumentation Elec 24VDC Alarm Wire and Conduit Fittings Junction Box	51	0	2
INSTR ELEC 24VDC INSTR DEV TAG CO TXT	Instrumentation Elec 24VDC Instrumentation Device Tag Callout Text	3	0	2
INSTR ELEC 24VDC VEND INSTR DEV TAG CO TXT	Instrumentation Elec 24VDC Vendor Instrumentation Device Tag Callout Text	115	0	2
INSTR ELEC 24VDC VEND WIRE CONDT FTNG JBOX	Instrumentation Elec 24VDC Vendor Wire and Conduit Fittings Junction Box	115	0	2
INSTR ELEC 24VDC WIRE CONDT FTNG JBOX	Instrumentation Elec 24VDC Wire and Conduit Fittings Junction Box	3	0	2
INSTR ELEC 4 20MA ALRM INSTR DEV TAG CO TXT	Instrumentation Elec 4-20mA Alarm Instrumentation Device Tag Callout Text	15	0	2
INSTR ELEC 4 20MA ALRM WIRE CONDT FTNG JBOX	Instrumentation Elec 4-20mA Alarm Wire and Conduit Fittings Junction Box	15	0	2
INSTR ELEC 4 20MA INSTR DEV TAG CO TXT	Instrumentation Elec 4-20mA Instrumentation Device Tag Callout Text	1	0	2
INSTR ELEC 4 20MA VEND INSTR DEV TAG CO TXT	Instrumentation Elec 4-20mA Vendor Instrumentation Device Tag Callout Text	49	0	2
INSTR ELEC 4 20MA VEND WIRE CONDT FTNG JBOX	Instrumentation Elec 4-20mA Vendor Wire and Conduit Fittings Junction Box	49	0	2
INSTR ELEC 4 20MA WIRE CONDT FTNG JBOX	Instrumentation Elec 4-20mA Wire and Conduit Fittings Junction Box	1	0	2
INSTR ELEC MISC INSTR DEV TAG CO TXT	Instrumentation Elec Misc Instrumentation Device Tag Callout Text (use for 3D model)	11	0	2
INSTR ELEC MISC WIRE CONDT FTNG JBOX	Instrumentation Elec Misc Wire and Conduit Fittings Junction Box (use for 3D model)	11	0	2
INSTR ELEC TC INST DEV TAG CO TXT	Instrumentation Elec TC Instrumentation Device Tag Callout Text	2	0	2
INSTR ELEC TC VEND INST DEV TAG CO TXT	Instrumentation Elec TC Vendor Instrumentation Device Tag Callout Text	50	0	2

Instrumentation Levels				
Name	Description	Color	Style	Weight
INSTR ELEC TC VEND WIRE CONDT FTNG JBOX	Instrumentation Elec TC Vendor Wire and Conduit Fittings Junction Box	50	0	2
INSTR ELEC TC WIRE CONDT FTNG JBOX	Instrumentation Elec TC Wire and Conduit Fittings Junction Box	2	0	2
INSTR ELMT OBJ LN	Instrumentation Elements and Object Lines	0	0	1
INSTR GEN TXT LGD SCH GN WP	Instrumentation General Text Legends Schedules Gen. Notes and Working Points	4	0	1
INSTR GRID COLMN CO BBL TXT	Instrumentation Grid and Column Callout Bubbles w/Text	5	0	1
INSTR GRID LN COLMN CL	Instrumentation Grid Lines and Column Centerlines	5	4	0
INSTR HYD SYM	Instrumentation Hydraulic Symbolology	111	0	2
INSTR MTCH LN	Instrumentation Match Lines	0	6	10
INSTR PLAT ELEV CO LL TXT	Instrumentation Platforms Elevation Callouts Leader Lines and Text	12	0	1
INSTR PLAT GRAT CHKR PLT ERTH CONC SND SYM	Instrumentation Platform Grating Checker Plate Earth Concrete Sand Symbolology	12	0	0
INSTR PLT SHP	Instrumentation Plot Shape	5	0	0
INSTR PNMAT INSTR DEV TAG CO TXT	Instrumentation Pneumatic Instrumentation Device Tag Callout Text	70	0	2
INSTR PRO CONN INSTR DEV TAG CO TXT	Instrumentation Process Connection Instrumentation Device Tag Callout Text	6	0	2
INSTR REV CLD	Instrumentation Revision Clouds	6	0	2
INSTR REV DLTA	Instrumentation Revision Deltas	6	0	2
INSTR RUB STMP	Instrumentation Rubber Stamps	3	0	0
INSTR SEC DTL ELEV CO SYM TXT	Instrumentation Section Detail and Elevation Callout Symbols w/Text	0	0	1
INSTR SUPRT INSTL DET CO SYM LL TEXT	Instrumentation Supports Installation Detail Callout Symbols Leader Lines Text	60	6	2
INSTR TB	Instrumentation Title Block	4	0	0
INSTR TBL CHRT	Instrumentation Tables and Charts	0	0	0

## Irrigation Levels

Irrigation Levels				
Name	Description	Color	Style	Weight
IRR CELL EX	Irrigation Cell Ex	1	0	0
IRR CELL PROP	Irrigation Cell Prop	1	0	0
IRR DRP IRR EX	Irrigation Drip Ex	1	3	1
IRR DRP IRR PROP	Irrigation Drip Prop	1	3	1
IRR LINE EX	Irrigation Line Ex	1	3	1
IRR LINE PROP	Irrigation Line Prop	1	3	1

Irrigation Levels				
Name	Description	Color	Style	Weight
IRR PNT NUM EX 56	Irrigation Point Number Existing	1	0	1
IRR TXT EX	Irrigation Text Ex	1	0	1
IRR TXT PROP	Irrigation Text Prop	1	0	1
IRR WRG EX	Irrigation Wiring Ex	1	3	1
IRR WRG PROP	Irrigation Wiring Prop	1	3	1

## Landscape Levels

Landscape Levels				
Name	Description	Color	Style	Weight
L CELL EX	Landscape Cell Ex	0	0	0
L CELL PROP	Landscape Cell Prop	0	0	0
L LINE EX	Landscape Line Ex	0	0	0
L LINE PROP	Landscape Line Prop	0	0	0
L PNT NUM EX 56	Landscape Point Number Existing	2	0	0
L TXT EX	Landscape Text Ex	2	0	0
L TXT PROP	Landscape Text Prop	2	0	0
L VEG CELL EX	Landscape Vegetation Cell Ex	2	0	0
L VEG LINE EX	Landscape Vegetation Line Ex	2	0	0

## Mechanical Levels

Mechanical Levels				
Name	Description	Color	Style	Weight
M DBL PIPE EX	Mechanical Double Line Pipe Fitting and Valve Exist	3	0	3
M DBL PIPE PROP	Mechanical Double Line Pipe Fitting and Valve Prop	3	2	3
M SING PIPE EX	Mechanical Single Line Pipe Fitting and Valve Ex	4	0	6
M SING PIPE PROP	Mechanical Single Line Pipe Fitting and Valve Prop	4	2	6
M STRUCTURES CELLS EX	Mechanical Structures Cells Ex	0	0	1
M STRUCTURES CELLS PROP	Mechanical Structures Cells Prop	0	2	1
M STRUCTURES EX	Mechanical Structures Ex	0	0	1
M STRUCTURES PROP	Mechanical Structures Prop	0	2	1
M TXT EX	Mechanical Text Ex	6	0	1
M TXT PROP	Mechanical Text Prop	6	0	3

## Recycled Water Levels

Recycled Water Levels				
Name	Description	Color	Style	Weight
RW AIR RELS VALV EX	Recycled Water Air Release Valve Ex	15	0	1
RW AIR RELS VALV PROP	Recycled Water Air Release Valve Prop	15	0	2
RW BO EX	Recycled Water Blow Off Valve Ex	15	0	1

Recycled Water Levels				
Name	Description	Color	Style	Weight
RW BO PROP	Recycled Water Blow Off Valve Prop	15	0	2
RW CELL EX	Recycled Water Structures Cell Ex	15	0	1
RW CELL PROP	Recycled Water Structures Cell Prop	15	0	2
RW GRND MON WELL EX	Recycled Water Ground Monument Well Ex	15	0	1
RW GRND MON WELL PROP	Recycled Water Ground Monument Well Prop	15	0	2
RW MAIN EX	Recycled Water Main Ex	15	3	1
RW MAIN PROP	Recycled Water Main Prop	15	0	9
RW MAIN TRANS EX	Recycled Water Mains Transmission Ex	15	3	1
RW MAIN TRANS PROP	Recycled Water Mains Transmission Prop	15	0	9
RW MH EX	Recycled Water Manhole Ex	15	0	1
RW MH PROP	Recycled Water Manhole Prop	15	0	2
RW MTR EX	Recycled Water Meter Ex	15	3	1
RW MTR PROP	Recycled Water Meter Prop	15	0	2
RW PT NUM 56	Recycled Water Point Number	1	0	0
RW RED EX	Recycled Water Reducer Ex	15	0	1
RW RED PROP	Recycled Water Reducer Prop	15	0	2
RW RIS EX	Recycled Water Riser Ex	15	0	1
RW RIS PROP	Recycled Water Riser Prop	15	0	2
RW SERV EX	Recycled Water Service Ex	15	3	1
RW SERV PROP	Recycled Water Service Prop	15	0	2
RW TEE EX	Recycled Water Tee Ex	15	0	1
RW TEE PROP	Recycled Water Tee Prop	15	0	2
RW TEXT EX	Recycled Water Text Ex	15	3	1
RW TEXT PROP	Recycled Water Text Prop	15	0	3
RW VALV EX	Recycled Water Valve Ex	15	0	1
RW VALV PROP	Recycled Water Valve Prop	15	0	2
RW VLT EX	Recycled Water Vault Ex	15	0	1

## Sewer Levels

Sewer Levels				
Name	Description	Color	Style	Weight
SWR CELL EX 22	Sewer Cell Existing	2	0	1
SWR CELL PROP 27	Sewer Cell Proposed	2	0	3
SWR IE EX 25	Sewer IE Existing	4	0	0
SWR LAT EX 23	Sewer Lateral Existing	2	EXSM	1
SWR LAT IE EX 23	Sewer Lateral IE Existing	4	0	0
SWR LAT PROP 27	Sewer Lateral Proposed	2	PSM	9
SWR MAIN EX 22	Sewer Main Existing	2	EXSM	1
SWR MAIN PROP 27	Sewer Main Proposed	2	PSM	9
SWR PT NUM 56	Sewer Point Number	2	0	0
SWR SLUDGE EX	Sewer Sludge Line Pressured Ex	0	0	0
SWR SLUDGE TXT EX	Sewer Sludge Text Ex	0	0	0
SWR TXT EX 25	Sewer Text Existing	2	0	2

Sewer Levels				
Name	Description	Color	Style	Weight
SWR TXT PROP 29	Sewer Text Proposed	2	0	3

## Sheet Information

Sheet Information Levels				
Name	Description	Color	Style	Weight
SHTINF BORDER	Sheet Information Border	0	0	0
SHTINF BORDER TITLE	Sheet Information Borders and Titles	3	0	0
SHTINF CELL	Sheet Information Cells	0	0	0
SHTINF DETAIL CELLS	Sheet Information Details Cells	0	0	0
SHTINF DIMEN	Sheet Information Dimension	0	0	1
SHTINF LINE	Sheet Information Lines	0	0	0
SHTINF MAJOR GRID	Sheet Information Major Grid	4	0	0
SHTINF MINOR GRID	Sheet Information Minor Grid	2	0	0
SHTINF NORTH SCALE	Sheet Information North Arrows and Scale	0	0	1
SHTINF REF BDRY	Sheet Information Reference Boundaries	0	0	1
SHTINF TXT EX 62	Sheet Information Text or Notes	0	0	1



## Storm Drain

Storm Drain Levels				
Name	Description	Color	Style	Weight
SD BD CELL EX 30	Storm Drain Brow Ditch Ex	0	0	0
SD CELL EX 30	Storm Drain Structures Cell Ex	0	0	0
SD CELL PROP	Storm Drain Structures Cell Prop	0	0	0
SD FLD CHAN EX 30	Storm Drain Flood Channel	0	0	0
SD FLD CHAN PROP 30	Storm Drain Flood Channel	0	CHAN NEL	5
SD HW EX 30	Storm Drain Headwall	0	0	1
SD HW PROP 30	Storm Drain Headwall	0	0	5
SD IE EX 30	Storm Drain Invert Elevation	0	0	1
SD IE PROP 30	Storm Drain Invert Elevation	0	0	2
SD LINE EX 30	Storm Drain Line	0	0	0
SD MAIN EX 30	Storm Drain Main Ex	0	0	1
SD MAIN PROP	Storm Drain Main Prop	0	SD	5
SD MH EX 30	Storm Drain Manhole Existing	0	0	0
SD MH PROP 30	Storm Drain Manhole Proposed	0	0	5
SD PT NUM 56	Storm Drain Point Number	0	0	0
SD SLT DRN EX	Storm Drain Slotted Drain	0	3	0
SD SLT DRN PROP	Storm Drain Slotted Drain	0	SD	5
SD SW DRN EX 30	Storm Drain Sidewalk Under Drain	0	3	0
SD SW DRN PROP 30	Storm Drain Sidewalk Under Drain	0	SD	5
SD SWL EX 30	Storm Drain Swale	0	3	0
SD SWL PROP 30	Storm Drain Swale	0	0	5
SD TXT EX 30	Storm Drain Text Ex	0	0	1
SD TXT PROP	Storm Drain Text Prop	0	0	5
SD XGUT EX 30	Storm Drain Cross Gutter	0	3	0
SD XGUT PROP 30	Storm Drain Cross Gutter	0	0	5

## Structural

Structural Levels				
Name	Description	Color	Style	Weight
STR CONSTRT JT PROP	Structural Constructional Joint Prop	8	0	0
STR DIM PROP	Structural Dimension Prop	7	0	1
STR FOOTPRINT PROP	Structural Footprint Prop	1	0	0
STR FRAMING PROP	Structural Framing Prop	0	0	3
STR GRATE PROP	Structural Grating Prop	4	0	0
STR GRID CL PROP	Structural Grid Line and Centerline Prop	1	4	0
STR HID LINE PROP	Structural Hidden Line Prop	3	3	1
STR LAD MET STRTRAP PROP	Structural Ladders Metal Prop	4	0	1
STR LAYOUT PROP	Structural Layout Prop	2	0	1
STR LEADER LINE PROP	Structural Leader Line Prop	6	0	1

Structural Levels				
Name	Description	Color	Style	Weight
STR MISTRC PROP	Structural Misc Prop	2	0	0
STR RAILING PROP	Structural Railing Prop	4	6	0
STR REBAR PROP	Structural Rebar Prop	5	0	3
STR REBAR REQ PROP	Structural Rebar when required Prop	5	3	0
STR TXT PROP	Structural Text Prop	6	0	0

## Surface Feature Levels

Surface Feature Levels				
Name	Description	Color	Style	Weight
SF AC BRM CELL EX 16	Surface Ac Berm Cell Existing	0	0	0
SF AC BRM EX 16	Surface Ac Berm Existing	0	0	0
SF AC BRM FL CELL EX 16	Surface Ac Flowline Cell Existing	0	0	0
SF AC BRM FL EX 16	Surface Ac Flowline Existing	0	0	0
SF BK RC CELL EX 16	Surface Back Of Rolled Curb Cell Existing	0	0	0
SF BK RC EX 16	Surface Back Of Rolled Curb Existing	0	0	0
SF BLDG CD FF EX 17	Surface Building Center Door & Finish Floor	0	0	0
SF BLDG CELL EX 17	Surface Building Cell	0	0	0
SF BLDG EX 17	Surface Building Line	0	0	0
SF BLDG TXT EX 17	Surface Building Text	0	0	0
SF BRDG CELL EX 39	Surface Bridge Cell Abutment	0	0	0
SF BRDG EX 39	Surface Bridge Abutment	0	0	0
SF CONT MAJ EX 12	Surface Contours Major Existing	2	0	2
SF CONT MAJ PROP 12	Surface Contours Major Proposed	1	0	4
SF CONT MIN EX 10	Surface Contours Minor Existing	1	2	0
SF CONT MIN PROP 10	Surface Contours Minor Proposed	2	2	1
SF CONT TXT EX 13	Surface Contour Major Text Existing	0	0	1
SF CONT TXT PROP 13	Surface Contour Major Text Proposed	0	0	0
SF DTM EXTERIOR 1	Surface DTM Exterior 1	0	2	0
SF DTM EXTERIOR 2	Surface DTM Exterior 2	0	3	0
SF DTM INTERIOR 1	Surface DTM Interior 1	0	5	0
SF DTM INTERIOR 2	Surface DTM Interior 2	0	7	0
SF DTM LINE 1	Surface DTM Line 1	0	0	0
SF DTM LINE 2	Surface DTM Line 2	0	0	0
SF DTM POINT 1	Surface DTM Point 1	0	0	0
SF DTM POINT 2	Surface DTM Point 2	0	0	0
SF DTM PT NUM 56	Surface Text Dtm Point Number	0	0	0
SF DTM TXT	Surface Text Digital Terrain Model	0	0	0
SF EDG CONC CELL EX 16	Surface Edge Of Concrete Cell	0	0	0
SF EDG CONC EX 16	Surface Edge Of Concrete	0	0	0
SF EX GRD	Surface Existing Ground	0	0	0
SF EX PAV EX 16	Surface Existing Pavement	0	0	0
SF FNC DTM EX 15	Surface Fence DTM Points Existing	0	0	0
SF FNC DTM LINES EX 15	Surface Fence DTM Lines Existing	0	0	0

Surface Feature Levels				
Name	Description	Color	Style	Weight
SF FNC LINES EX 15	Surface Fence Non-DTM Lines Existing	0	0	0
SF FNC NON DTM EX 15	Surface Fence Lines Non DTM Existing	0	0	0
SF FNC PNT NUM EX 56	Surface Fence Point Number Existing	0	0	0
SF FNC PROP 15	Surface Fence Proposed	0	0	0
SF FNC TXT	Surface Fence Text	0	0	0
SF GB AC CELL EX 16	Surface Grade Break Ac Cell Existing	0	0	0
SF GB AC EX 16	Surface Grade Break Ac Existing	0	0	0
SF GB CONC CELL EX 16	Surface Grade Break Concrete Cell Existing	0	0	0
SF GB CONC EX 16	Surface Grade Break Concrete Existing	0	0	0
SF GB DAYLT CELL EX 16	Surface Daylight Cell Existing	7	0	0
SF GB DAYLT EX 16	Surface Daylight Existing	7	0	0
SF GB DAYLT PROP 16	Surface Daylight Proposed	7	0	1
SF GB DRT CELL EX 16	Surface Grade Break Dirt Cell Existing	7	0	0
SF GB DRT EX 16	Surface Grade Break Dirt Existing	7	0	0
SF GB GRS CELL EX 16	Surface Grade Break Grass Cell Existing	2	0	0
SF GB GRS EX 16	Surface Grade Break Grass Existing	2	0	0
SF GB PNT NUM EX 56	Surface Grade Break Point Number Existing	6	0	0
SF GB RPRP CELL EX 16	Surface Rip Rap Cell Existing	0	0	0
SF GB RPRP EX 16	Surface Rip Rap Existing	0	0	0
SF GB TOE CELL EX 16	Surface Toe Of Slope Cell Existing	7	0	0
SF GB TOE EX 16	Surface Toe Of Slope Existing	7	0	0
SF GB TOP CELL EX 16	Surface Top Of Slope Cell Existing	6	0	0
SF GB TOP EX 16	Surface Top Of Slope Existing	6	0	0
SF GB TXT	Surface Grade Break Text	0	0	0
SF GB URP CELL EX 16	Surface Unimpr Road Or Path Cell Existing	7	0	0
SF GB URP EX 16	Surface Unimpr Road Or Path Existing	7	0	0
SF GUT CELL EX 16	Surface Gutter Cell Existing	6	0	0
SF GUT EX 16	Surface Gutter Existing	6	0	0
SF LIP CELL EX 16	Surface Lipline Cell Existing	0	0	0
SF LIP EX 16	Surface Lipline Existing	0	0	0
SF MISC EX 52	Surface Sign Statue Nonbuilding Structures Mailbox	0	0	0
SF MISC LN EX 52	Surface Miscellaneous Line	0	0	0
SF MISC PT EX 52	Surface Miscellaneous Point	0	0	0
SF MISC PT NUM 56	Surface Miscellaneous Point Number	0	0	0
SF MISC TXT	Surface Miscellaneous Text	0	0	0
SF MOW ST CELL EX 16	Surface Mow Strip Cell Existing	0	0	0
SF MOW ST EX 16	Surface Mow Strip Existing	0	0	0
SF MOW ST PROP 16	Surface Mow Strip Proposed	0	0	1
SF PR OR CD CELL EX 14	Surface Pedestrian Ramp/ Center Of Driveway Existing	0	0	0
SF RAIL CELL EX 45	Surface Rail Train & Trolley Cell Existing	5	0	0
SF RAIL EX 45	Surface Rail Train & Trolley Existing	5	0	0
SF RAIL TXT EX 45	Surface Rail Text	5	0	0
SF SND LN 19	Surface Sounding Line	1	0	0
SF SND PT CELL 19	Surface Sounding Point	1	0	0
SF SPT EL EX 14	Surface Spot Elevation Improved & Unimproved	0	0	0

Surface Feature Levels				
Name	Description	Color	Style	Weight
	Existing			
SF SW CONC CELL EX 16	Surface Sidewalk Cell Existing	0	0	0
SF SW CONC EX 16	Surface Sidewalk Existing	0	0	0
SF SW CONC PROP 16	Surface Sidewalk Proposed	0	0	1
SF TCF CELL EX 16	Surface Top of Curb at Face Cell Existing	0	0	0
SF TCF EX 16	Surface Top of Curb at Face Existing	0	0	0
SF TRIANG1 EX 55	Surface Triangles 1	3	0	0
SF TRIANG2 EX 55	Surface Triangles 2	2	0	0
SF TRIANG3 EX 55	Surface Triangles 3	6	0	0
SF UTIL POLE ACH DEAD EX 40	Surface Utility Pole Anchor and Deadman	6	0	0
SF UTIL POLE UN EX 40	Surface Utility Pole with Underground	3	0	0

## Survey Levels

Survey Levels				
Name	Description	Color	Style	Weight
SUR ARL LGND	Survey Aerial Legend	0	0	2
SUR ARL MPG BDRY 1	Survey Aerial Mapping Boundary 1	3	0	8
SUR ARL MPG BDRY 2	Survey Aerial Mapping Boundary 2	1	0	8
SUR ARL MPG BDRY 3	Survey Aerial Mapping Boundary 3	4	0	8
SUR ARL ORTH BDRY	Survey Aerial Ortho Boundary	2	0	8
SUR ARL PCL BDRY	Survey Aerial Parcel Boundary	6	0	1
SUR ARL PCL BDRY TXT	Survey Aerial Parcel Boundary Text	0	0	2
SUR ARL RPLM BDRY	Survey Aerial Replumb Boundary	5	0	8
SUR ARL STRT LINE	Survey Aerial Street Line	0	0	1
SUR ARL STRT TXT	Survey Aerial Street Text	0	0	2
SUR ARL SWR MH CELL	Survey Aerial Sewer Manhole Cell	4	0	1
SUR ARL SWR MH LINE	Survey Aerial Sewer Manhole Line	4	0	1
SUR ARL SWR MH TXT	Survey Aerial Sewer Manhole Text	0	0	2
SUR ARL TRGT CELL	Survey Aerial Target Cell	5	0	2
SUR ARL TRGT TXT	Survey Aerial Target Text	5	0	2
SUR ARL WTR MN LINE	Survey Aerial Water Main Line	1	0	1
SUR ARL WTR MTR CELL	Survey Aerial Water Meter Cell	1	0	2
SUR ARL WTR VLV CELL	Survey Aerial Water Valve Cell	168	0	2
SUR BL CELL EX 8	Survey Base Line Cell	3	0	0
SUR BL EX 8	Survey Base Line	3	6	0
SUR BL PT NUM EX 54	Survey Base Line Point Number	3	0	1
SUR BL TXT EX 8	Survey Base Line Text	3	0	1
SUR CALC 8	Survey Calculated Point	0	0	0
SUR CALC PN 54	Survey Calculated Point Number	0	0	0
SUR CALC TXT	Survey Calculated Point Text	0	0	0
SUR CHK EX 8	Survey Check Shot	4	0	0
SUR CNT EX 8	Survey Control	0	0	0
SUR CNT PT NUM EX 54	Survey Control Point Number	0	0	0

Survey Levels				
Name	Description	Color	Style	Weight
SUR CNT TXT EX 8	Survey Control Text	0	0	0
SUR DEF EX 57	Survey Default Level	4	0	0
SUR GRD EX 60	Survey Coordinate Grid	0	0	0
SUR GRD TXT EX 60	Survey Coordinate Label	0	0	0
SUR MON EX 8	Survey Record and Found Monumentation	0	0	1
SUR MON PT NUM EX 54	Survey Record Monumentation Point Number	0	0	1
SUR MON TXT EX 8	Survey Record Monumentation Text	0	0	1
SUR TRAV CELL EX 8	Survey Traverse Cell	2	3	0
SUR TRAV EX 8	Survey Traverse Line	2	2	0

## Telephone Levels

Telephone Levels				
Name	Description	Color	Style	Weight
TEL CELL EX 42	Telephone Structure Cell Ex	6	0	1
TEL FIB OPT CELL EX	Telephone Fiber Optic Cell Existing	6	0	1
TEL LINE EX 42	Telephone Line Ex	6	2	1
TEL PNT NUM EX 56	Telephone Point Number Existing	6	0	1
TEL TXT EX 42	Telephone Text Ex	6	0	1

## Traffic Levels

Traffic Levels				
Name	Description	Color	Style	Weight
TRAF CELL EX	Traffic Structure Cell Existing	0	0	0
TRAF CELL PROP	Traffic Structure Cell Proposed	0	0	0
TRAF EQ ABGRD CNTRL EX	Traffic Equipment Above Ground Controller Existing	234	0	3
TRAF EQ ABGRD CNTRL PROP	Traffic Equipment Above Ground Controller Proposed	5	0	3
TRAF EQ ABGRD CNTRL SALV	Traffic Equipment Above Ground Controller Salvage	3	1	0
TRAF EQ ABGRD MSC EX	Traffic Equipment Above Ground Misc. Existing	234	0	3
TRAF EQ ABGRD MSC PROP	Traffic Equipment Above Ground Misc. Proposed	7	0	3
TRAF EQ ABGRD MSC SALV	Traffic Equipment Above Ground Misc. Salvage	7	2	1
TRAF EQ ABGRD MTR EX	Traffic Equipment Above Ground Meter Existing	234	0	3
TRAF EQ ABGRD MTR PROP	Traffic Equipment Above Ground Meter Proposed	2	0	0
TRAF EQ ABGRD MTR SALV	Traffic Equipment Above Ground Meter Salvage	2	2	0
TRAF EQ ABGRD OHD UTL EX	Traffic Equipment Above Ground Overhead Utility Existing	234	0	3
TRAF EQ ABGRD OHD UTL PROP	Traffic Equipment Above Ground Overhead Utility Proposed	3	0	0
TRAF EQ ABGRD OHD UTL SALV	Traffic Equipment Above Ground Overhead Utility Salvage	3	2	0
TRAF EQ ABGRD PB EX	Traffic Equipment Above Ground Pull Box Existing	234	0	3
TRAF EQ ABGRD PB PROP	Traffic Equipment Above Ground Pull box Proposed	7	0	3
TRAF EQ ABGRD PB SALV	Traffic Equipment Above Ground Pull Box Salvage	7	2	1

Traffic Levels				
Name	Description	Color	Style	Weight
TRAF EQ ABGRD POLES EX	Traffic Equipment Above Ground Poles Existing	234	0	3
TRAF EQ ABGRD POLES PROP	Traffic Equipment Above Ground Poles Proposed	5	0	2
TRAF EQ ABGRD POLES SALV	Traffic Equipment Above Ground Poles Salvage	3	2	0
TRAF EQ ABGRD STRT LT EX	Traffic Equipment Above Ground Street Light Existing	234	0	3
TRAF EQ ABGRD STRT LT PROP	Traffic Equipment Above Ground Street Light Proposed	3	0	2
TRAF EQ ABGRD STRT LT SALV	Traffic Equipment Above Ground Street Light Salvage	3	2	0
TRAF EQ UNGRD COND EX	Traffic Equipment Underground Conduit Existing	234	4	0
TRAF EQ UNGRD COND PROP	Traffic Equipment Underground Conduit Proposed	3	4	3
TRAF EQ UNGRD COND SALV	Traffic Equipment Underground Conduit Salvage	3	4	3
TRAF EQ UNGRD LOOPS EX	Traffic Equipment Underground Loops Existing	234	0	3
TRAF EQ UNGRD LOOPS PROP	Traffic Equipment Underground Loops Proposed	1	0	2
TRAF EQ UNGRD RAIL EX	Traffic Equipment Underground Rail/Trolley Existing	234	0	3
TRAF EQ UNGRD RAIL PROP	Traffic Equipment Underground Rail/Trolley Proposed	0	0	0
TRAF MA SIGN EX	Traffic Mast Arms Signs Ex	234	0	3
TRAF MA SIGN PROP	Traffic Mast Arms Signs Prop	2	0	2
TRAF MA SIGN SALV	Traffic Mast Arms Signs Salvaged	2	3	0
TRAF PAVE MARKINGS EX	Traffic Pavement Markings EX	234	0	3
TRAF PAVE MARKINGS PROP	Traffic Pavement Markings Prop	0	0	1
TRAF PNT NUM	Traffic Point Number Existing	0	0	1
TRAF PT SIGN EX	Traffic Post Signs Ex	234	0	3
TRAF PT SIGN PROP	Traffic Post Signs Prop	0	0	2
TRAF PT SIGN SALV	Traffic Post Signs Salvaged	0	3	0
TRAF STRP EX	Traffic Striping Existing	234	0	3
TRAF STRP PROP	Traffic Striping Proposed	0	0	0
TRAF TXT EX	Traffic Text Existing	0	0	1
TRAF TXT PROP	Traffic Text Proposed	0	0	1

## Water Distribution Levels

Water Distribution Levels				
Name	Description	Color	Style	Weight
WDIST CHANNEL EX 20	Water Distrib. Channel Ex	1	0	1
WDIST CHANNEL PROP 26	Water Distrib. Channel Prop	1	0	3
WDIST CONNECT EX 20	Water Distrib. Connection Ex	1	0	1
WDIST CONNECT PROP 26	Water Distrib. Connection Prop	1	0	3
WDIST CORP STOP EX 20	Water Distrib. Corp Stop Ex	1	0	1
WDIST CORP STOP PROP 26	Water Distrib. Corp Stop Prop	1	0	3
WDIST DAM EX 20	Water Distrib. Dam Ex	1	0	1
WDIST DAM PROP 26	Water Distrib. Dam Prop	1	0	3
WDIST FILTR PLANT EX 20	Water Distrib. Filtration Plant Ex	1	0	1
WDIST FILTR PLANT PROP 26	Water Distrib. Filtration Plant Prop	1	0	3
WDIST LAKE EX	Water Distrib. Lake	1	7	0
WDIST PNT NUM EX 56	Water Distribution Point Number Existing	1	3	1
WDIST PUMP EX 20	Water Distrib. Pump Ex	1	0	1
WDIST PUMP PROP 26	Water Distrib. Pump Prop	1	0	3
WDIST PUMP STA EX 20	Water Distrib. Pump Station Ex	1	0	1
WDIST PUMP STA PROP 26	Water Distrib. Pump Station Prop	1	0	3
WDIST RAW RESVR EX 21	Water Distrib. Raw Reservoir Ex	1	0	1
WDIST RAW RESVR PROP 26	Water Distrib. Raw Reservoir Prop	1	0	3
WDIST RESVR EX 20	Water Distrib. Reservoir Ex	1	0	1
WDIST RESVR PROP 26	Water Distrib. Reservoir Prop	1	0	3
WDIST STRM EX 19	Water Distrib. Stream Ex 19	1	STRE AM	0
WDIST TANK EX 20	Water Distrib. Tank Ex	1	0	1
WDIST TANK PROP 26	Water Distrib. Tank Prop	1	0	3
WDIST TEST STA EX 20	Water Distrib. Test Station Ex	1	0	0
WDIST TEST STA PROP 26	Water Distrib. Test Station Prop	1	0	3
WDIST TUNNEL EX 20	Water Distrib. Tunnel Ex	1	0	1
WDIST TUNNEL PROP 26	Water Distrib. Tunnel Prop	1	0	3
WDIST TXT EX 20	Water Distrib. Text Ex	1	3	1
WDIST TXT PROP 20	Water Distrib. Text Prop	1	3	1
WDIST WELL EX 20	Water Distrib. Well Ex	1	0	1
WDIST WELL PROP 26	Water Distrib. Well Prop	1	0	3

## Water Levels

Water Levels				
Name	Description	Color	Style	Weight
WTR CELL EX 20	Water Structure Cell Existing	0	0	0
WTR CELL PROP 26	Water Structure Cell Proposed	0	0	0
WTR MAIN EX 20	Water Main Existing	1	EXWM	1
WTR MAIN PROP 26	Water Main Proposed	1	PWM	9
WTR PNT NUM EX 20	Water Point Number Existing	1	0	1
WTR SERV EX 21	Water Service Existing	1	EXWM	1
WTR SERV PROP 26	Water Service Proposed	1	PWM	9
WTR TXT EX 24	Water Text Existing	1	0	1
WTR TXT PROP 28	Water Text Proposed	1	0	3



## 6 – Cell Libraries

There are eight standard cell libraries for the City of San Diego. Cells in all libraries are designed to be placed at cell scale factor=1 on a drawing, which will be plotted at 40 scale. All cells are created on their corresponding named level.

The current standards libraries are:

Cell Library	Description
<b>V8 City Notes.cel</b>	Contains typical notes used throughout the City
<b>V8 City Details.cel</b>	Contains typical details used throughout the City
<b>V8 City Existing.cel</b>	Contains symbols for existing utilities
<b>V8 City Proposed.cel</b>	Contains symbols for proposed utilities and plot sheets
<b>V8 City Traffic Notes &amp; Details.cel</b>	Contains typical notes and details to be used on traffic plans.
<b>V8 City Traffic Legend.cel</b>	Contains typical street legends to be used on traffic plans
<b>V8 City Traffic Eq.cel</b>	Contains typical equipment to be used on traffic plans.
<b>V8 City Traffic Features.cel</b>	Contains typical surface features to be used on traffic plans.
Additional Library	Description
<b>V8 State Sign.cel</b>	CalTrans Library for signs. Converted to be used with City seed files and levels.

The following tables list the contents of each cell library by cell name and description. Graphical depictions are shown in the appendices.

## V8 City Notes.cel

V8 City Notes.cel	
Cell Name	Cell Description
ADDENDUM TITLE	ADDENDUM A TITLE INFO
ASBUILT TITLE	ASBUILT TITLE
CITY FOR AHD WRK CUT PLUG	CITY FORCES AHEAD WORK CUT & PLUG
CONST CHG TITLE	CONSTRUCTION CHANGES
CONTRAC WORK FIRE HYDRANT	WORK BY CONTRACTOR FURNISH FH
CONTRACT WORK	WORK BY CONTRACTOR
EX UTILITY CROSS	EXISTING UTILITIES CROSSING
EXTM CAUTION	USE EXTREME CAUTION
FILE PATH AND DATE	PLOT FILE NAME & DATE
GAS ADV NOTICE	ADVANCED GAS NOTICE
POTHOLE SEWER LAT REPLUMB	LOCATE BY POTHOLE SEWER LATERALS
POTHOLE SWR LAT BY STA	POTHOLE ALL SEWER
SDGE ADV NOTICE	ADV NOTICE CALLOUT
SDGE PP SUPPORT	COORDINATE WITH SDG E
TITLE BLOCK	TITILE BLOCK REV 652

## V8 City Details.cel

V8 City Details.cel	
Cell Name	Cell Description
ANODE JBOX	ANODE JUNCTION BOX
ANODE MAGNESIUM	ANODE MAGNESIUM
ANODE MULTI JBOX	ANODE MULTIPLE JUNCTION BOX
ANODE TYP	ANODE TYPICAL
BELL SPIGOT LINER PLATE	BELL SPIGOT LINER PLATE
BELL SPIGOT WELD	BELL SPIGOT WELD
BUTT STRAP DETAIL	BUTT STRAP DETAIL
BUTT STRAP SPLICE	BUTT STRAP SPLICE
CLOSURE ACCESS PIPE	CLOSURE ACCESS PIPE
CLOSURE DETAIL	CLOSURE DETAIL
COMM DISPLAY HORIZ	COMMUNITY DISPLAY HORIZ
COMM DISPLAY VERT	COMMUNITY DISPLAY VERT
DATE STAMP	DATE LAST REVISED
DBL WELD FIELD JOINT	DOUBLE WELDD FIELD JOINT
DBL WELD LAP JOINT	DOUBLE WELD LAP JOINT
END CONNECTION	END CONNCETION
END CONNECTOR RINGS	END CONNECTOR RINGS
EXOTHERMIC WELD	EXOTHERMIC WELD
FIBER ROLL	FIBER ROLL
INSUL FLANGE DIELECTRIC	INSULATION FLANGE FIELECTRIC
INSUL SHEET	INSULATION SHEET
LINER PLATE STRAP	LINER PLATE STRAPPING
MECH JOINT	MECHANICAL JOINT
SD CB PROTECTION 1	SD CATCH BASIN PROTECTION 1
SD CB PROTECTION 2	SD CATCH BASIN PROTECTION 2
SD INLET PROTECTION	SD INLET PROTECTION
SILT FENCE DETAIL	SILT FENCE DETAIL
SILT FENCE NOTES	SILT FENCE NOTES
STAB CONST ENTRANCE	STABILIZED CONSTRUCITON ENTRANCE
TEST STATION 2 WIRE	2 WIRE TEST STATION
TEST STATION HOUSING	TEST STATION HOUSING
TEST STATION INSUL FLANGE	TEST STATION INSULATION FLANGE
TYP SEC	TYPICAL SECTION
WATER HORIZ CROSSING	WATER HORIZ CROSSING
WIRE INDENTIFIER	WIRE INDENTIFIER

## V8 City Existing.cel

V8 City Existing.cel	
Cell Name	Cell Description
10 SCALE GRAPHIC	10 SCALE GRAPHIC
100 SCALE GRAPHIC	100 SCALE GRAPHIC
1000 SCALE GRAPHIC	1000 SCALE GRAPHIC
20 SCALE GRAPHIC	20 SCALE GRAPHIC
30 SCALE GRAPHIC	30 SCALE GRAPHIC
40 SCALE GRAPHIC	40 SCALE GRAPHIC
50 SCALE GRAPHIC	50 SCALE GRAPHIC
60 SCALE GRAPHIC	60 SCALE GRAPHIC
80 SCALE GRAPHIC	80 SCALE GRAPHIC
AC BERM	ASPHALT CONCRETE BERM
AP	AERIAL PANEL
AP ID	AERIAL PHOTO IDENTIFICATION
BENCH	SURVEY BENCH MARK
BK RL CB	BACK OF ROILED CURB
BLDG	BUILDING CORNER
BLOCK 1	BLOCK 1 NUMBER
BLOCK 2	BLOCK 2 NUMBERS
BLOCK 3	BLOCK 3 NUMBERS
BRDG ABUT	BRIDGE ABUTMENT
BREAK1	BREAK LINE
BREAK2	BREAK LINE
BREAK3	BREAK LINE
BUS	BUS STOP
CALC'D CL	CALCULATED CENTER LINE
CALC'D CT	CALCULATED CALIFORNIA
CALC'D EAS	CALCULATED EASEMANT
CALC'D LEAS	CALCULATED LEASE
CALC'D LS	CALCULATED LOT SPLIT
CALC'D PK-REC	CALCULATED PARK & RECREATION
CALC'D PL	CALCULATED PROPERTY LINE
CALC'D PT	CALCULATED SURVEY POINT
CALC'D RP	CALCULATED RADIUS POINT
CALC'D RW	CALCULATED RIGHT OF WAY
CALC'D SUB	CALCULATED SUBDIVISION
CATH PREV TST	CATHODE PREVENTATIVE TEST
CATV MH VLT	CATV MANHOLE-VAULT
CATV MKOUT	CATV MARK OUT
CATV PB	CATV PULL BOX
CATV PROFILE	CABLE TV PROFILE

V8 City Existing.cel	
Cell Name	Cell Description
CATV RISER	CATV RISER
CENTERLINE	CENTERLINE SYMBOL
CHK	CHECK POINT SURVEY
CITY SEAL	CITY SEAL
CONCRETE	CONCRETE SYMBOL
CTR DW	CENTER OF DRIVE WAY
DATE STAMP	DATE STAMP
DEFAULT	DEFAULT
DLT	DAYLIGHT LINE
EDGE AC	EDGE OF ASPHALT CONCRETE
EDGE CONC	EDGE OF CONCRETE
EDGE OF PAVEMENT	EDGE OF PAVEMENT SYMBOL
ELEC MH VLT	ELECTRIC MANHOLE - VAULT
ELEC MKOUT	ELECTRIC MARK OUT
ELEC POLE	ELECTRIC POLE
ELEC POLE ANCR	ELECTRIC POLE ANCHOR
ELEC POLE DEADMAN	ELECTRIC POLE DEADMAN
ELEC POLE W ST LT	ELECTRIC POLE W/STREET LIGHT
ELEC POLE W UG	ELECTRIC POLE W/UNDERGROUND
ELEC POWER POLE	ELECTRIC POWER POLE
ELEC PROF	ELECTRIC PROFILE
ELEC PROF 2X2	ELECTRIC DUCTS PROFILE 2X2
ELEC PROF 3X2	ELECTRIC DUCTS PROFILE 3X2
ELEC PROF 3X3	ELECTRIC DUCTS PROFILE 3X3
ELEC PROF 3X5	ELECTRIC DUCTS PROFILE 3X5
ELEC PROF 4X1	ELECTRIC DUCTS PROFILE 4X1
ELEC PROF 4X3	ELECTRIC DUCTS PROFILE 4X3
ELEC PROF 4X4	ELECTRIC DUCTS PROFILE 4X4
ELEC PROF 5X5	ELECTRIC DUCTS PROFILE 5X5
ELEC PROF 5X6	ELECTRIC DUCTS PROFILE 5X6
ELEC PROF 6X4	ELECTRIC DUCTS PROFILE 6X4
ELEC PROF 6X6	ELECTRIC DUCTS PROFILE 6X6
ELEC STREET LT	ELECTRIC STREET LIGHT
ELEC STRUCT	ELECTRIC PB-RISER-TRAINS
EQUIP CALL OUT	EQUIPMENT CALLOUT
EX BUSH	EXISTING BUSH
EX GROUND	EXISTING GROUND
EX LONG BUSH	EXISTING LONG BUSH
EX PAVEMENT	EX PAVEMENT SYMBOL
FD GPS PT	FOUND GPS POINT
FD PT	FOUND SURVEY POINT
FD RTK PT	FOUND RTK POINT

V8 City Existing.cel	
Cell Name	Cell Description
FD WEL MON	FOUND WELL MONUMENT
FIN FLR	FINISHED FLOOR
FLEX CON	FLEXIBLE CONDUIT
FLOW ARROW	FLOW DIAGRAM ARROWHEAD
FLOW ARROW GUTTER	GUTTER FLOW ARROW 20
FNC BRN PT	FENCE POINT (BROWN)
FNC BW	FENCE BOTTOM OF WALL
FNC TF	FENCE TOP OF FOOTING POINT
FNC TW	FENCE TOP OF WALL
FNC WT PT	FENCE POINT (WHITE)
GAS 1.5 PROF	GAS 1.5" HP PROFILE
GAS 6 PROF	GAS 6" HP PROF
GAS METER	GAS METER
GAS MH VLT	GAS MANHOLE - VAULT
GAS MKOUT	GAS MARK OUT
GAS VALVE	GAS GATE VALVE
GB AC	GRADE BREAK ASPHALT
GB CONC	GRADE BREAK CONCRETE
GB DRT	GRADE BREAK DIRT
GB FL	GRADE BREAK FLOW LINE
GB GRS	GRADE BREAK GRASS
GB RPRP	GRADE BREAK RIP RAP
GB SND LN	GRADE BREAK SOUNDING LINE
GB TOE SLP	GRADE BREAK TOE OF SLOPE
GB TOP SLP	GRADE BREAK TOP OF SLOPE
GB TRD STRM	GRADE BREAK THREAD OF STREAM
GREAT OR EQ	GREATER OR EQUAL
GUTTER	GUTTER
HWY SYM	HIGHWAY SYMBOL
IRR CONTROL BX	IRRIGATION CONTROL BOX
LESS OR EQ	LESS OR EQUAL
LIGHT BASE ORNATE	LIGHT BASE ORNATE
LIGHT FIX ORNATE	ORNATE LIGHT FIXTURE
LIP	LIP LINE
LK EDG WTR	LAKE EDGE OF WATER
MAP NUMBER	MAP NUMBER
MARSH	EXISTING MARSH
MISC LN	MISCELLANEOUS LINE
MISC PT	MISCELLANEOUS POINT
MISC SIGN	MISCELLANEOUS SIGN
MOW STRP	MOW STRIP BOUNDARY
NORTH ARROW	NORTH ARROW

V8 City Existing.cel	
Cell Name	Cell Description
NORTH ARROW 1	NORTH ARROW 1
NORTH ARROW 2	NORTH ARROW 2
NORTH ARROW 3	NORTH ARROW 3
NORTH ARROW 4	NORTH ARROW 4
OWNERSHIP LINE	OWNERSHIP LINE
PALM TREE	PALM TREE
PED RAMP CRV	PED RAMP CURVED
PED RAMP ST	PED RAMP STRAIGHT
PLOT PATH	PLOT FILE PATH
PLUS	PLUS OR GRID MARK
PLUS MINUS	PLUS MINUS SIGN
POT HOLE	POT HOLE
PREDES SCOPE SYM	SL CONSTRAINTS SYMBOLS
PREDES SWR SYM	PRE DESIGN SEWER SYMBOLS
PREDES TB INFO	PRE DESIGN TITLE BLOCK
PREDES WTR SYM	PRE DESIGN WATER SYMBOL
RECYC WTR METER	RECYCLED WATER METER
RECYC WTR MH	RECYCLED WATER MANHOLE
RECYC WTR VALVE	RECYCLED WATER VALVE
REF NOTES	REFERENCE NOTES
SCALE 20 PROF	SCALE 20 PROFILE
SCALE 40 PROF	SCALE 40 PROFILE
SD 12 PROF	STORM DRAIN 12" PROFILE
SD 18 PROF	STORM DRAIN 18" PROFILE
SD 24 PROF	STORM DRAIN 24" PROFILE
SD 30 PROF	STORM DRAIN 30" PROFILE
SD 36 PROF	STORM DRAIN 36" PROFILE
SD 48 PROF	STORM DRAIN 48" PROFILE
SD 54 PROF	STORM DRAIN 54" PROFILE
SD 8 PROF	STORM DRAIN 8" PROFILE
SD BD	STORM DRAIN BROW DITCH
SD CO	STORM DRAIN CLEANOUT
SD CRS GUT	STORM DRAIN CROSS GUTTER
SD CULV	STORM DRAIN CULVERT
SD GRT INL	STORM DRAIN GRATE INLET
SD IE	STORM DRAIN INVERT ELEVATION
SD INLET	STORM DRAIN INLET
SD INLET TC	STORM DRAIN INLET AT TOP OF CURB
SD MH-CB	STORM DRAIN MANHOLE/CATCH BASIN
SD SD10	STORM DRAIN SD10
SD SD10 TYP CC	STORM DRAIN SD10 TYPE CC
SD SLOT DRAIN	STORM DRAIN SLOTTED

V8 City Existing.cel	
Cell Name	Cell Description
SD SW DRAIN	STORM DRAIN SIDEWALK
SD SWL	STORM DRAIN SWALE
SET GPS	SET GPS POINT
SET HUB	SET SURVEY HUB
SET PT	SET SURVEY POINT
SET RTK	SET RTK POINT
SHRUB1	SHRUB PLAN VIEW
SHRUB2	SHRUB PLAN VIEW
SHRUB3	SHRUB PLAN VIEW
SHRUB4	SHRUB PLAN VIEW
SPRINK	SPRINKLER
SPT EL AC	SPOT ELEVATION ASPHALT
SPT EL CNC	SPOT ELEVATION CONCRETE
SPT EL CTR DR	SPOT ELEVATION CENTER OF DOOR
SPT EL DRT	SPOT ELEVATION DIRT
SPT EL GRS	SPOT ELEVATION GRASS
SPT MISC	SPOT MISCELLANEOUS
SPT SND PNT	SPOT ELEVATION SOUNDING POINT
STATE ROUTE	STATE ROUTE SIGN
SUR BL	SURVEY BASELINE
SUR PLOT SHT	SURVEY 40 SCALE
SURVEY LINE SYMBOL	SURVEY LINE SYMBOL
SWR 10 PROF	SEWER 10" PROFILE
SWR 108 PROF	SEWER 108" PROFILE
SWR 12 PROF	SEWER 12" PROFILE
SWR 18 PROF	SEWER 18" PROFILE
SWR 21 PROF	SEWER 21" PROFILE
SWR 24 PROF	SEWER 24" PROFILE
SWR 27 PROF	SEWER 27" PROFILE
SWR 30 PROF	SEWER 30" PROFILE
SWR 33 PROF	SEWER 33" PROFILE
SWR 36 PROF	SEWER 36" PROFILE
SWR 6 PROF	SEWER 6" PROFILE
SWR 60 PROF	SEWER 60" PROFILE
SWR 66 PROF	SEWER 66" PROFILE
SWR 8 PROF	SEWER 8" PROFILE
SWR 87 PROF	SEWER 87" PROFILE
SWR 96 PROF	SEWER 96" PROFILE
SWR ABANDD MH	SEWER ABANDONED MANHOLE
SWR CO	SEWER CLEANOUT
SWR CO PROF	SEWER CLEAN OUT PROFILE
SWR DROP MH	SEWER DROP MANHOLE



V8 City Existing.cel	
Cell Name	Cell Description
SWR IE	SEWER INVERT ELEVATION
SWR LAT IE	SEWER LATERAL INVERT ELEVATION
SWR MANHOLE PROF	SEWER MANHOLE PROFILE
SWR MH	SEWER MANHOLE RIM
SWR MKOUT	SEWER MARKOUT
SWR PLUG	SEWER PLUG
TC	TOP OF CURB & FACE
TEL MH VAULT	TELEPHONE MANHOLE-VAULT
TEL MKOUT	TELEPHONE MARKOUT
TEL PB	TELEPHONE PULL BOX
TEL POLE	TELEPHONE POLE
TEL PROF	TEL. 1 CA PROFILE
TEL PROF 2X2	TELEPHONE DUCTS PROFILE 2X2
TEL PROF 3X2	TELEPHONE DUCTS PROFILE 3X2
TEL PROF 3X3	TELEPHONE DUCTS PROFILE 3X3
TEL PROF 3X5	TELEPHONE DUCTS PROFILE 3X5
TEL PROF 4X1	TELEPHONE DUCTS PROFILE 4X1
TEL PROF 4X3	TELEPHONE DUCTS PROFILE 4X3
TEL PROF 4X4	TELEPHONE DUCTS PROFILE 4X4
TEL PROF 5X5	TELEPHONE DUCTS PROFILE 5X5
TEL PROF 5X6	TELEPHONE DUCTS PROFILE 5X6
TEL PROF 6X4	TELEPHONE DUCTS PROFILE 6X4
TEL PROF 6X6	TELEPHONE DUCTS PROFILE 6X6
TEL STRUCT	TELEPHONE PED-RISER-BOOTH
TIC MARK	100 TIC STATION MARK
TRAF CONTROL	TRAFFIC CONTROL/RISER
TRAF LEFT VEH	TRAFFIC LEFT VECH. AHEAD
TRAF LIGHT ACTUATOR	TRAFFIC LIGHT ACTUATOR
TRAF PB	TRAFFIC PULL BOX
TRAF PROF	TRAFFIC PROFILE
TRAF SIGNAL	TRAFFIC SIGNAL
TRAF WHT PAINT	TRAFFIC STRIPING WHITE
TRAF YEL PAINT	TRAFFIC STRIPING YELLOW POINT
TRAIN	TRAIN & TROLLY TRACTS
TRAV PT	SURVEY TRAVERSE POINT
TREE LARGE	TREE GENERIC LARGE
TREE SMALL	TREE GENERIC SMALL
UNIMP RD PTH	UNIMPROVED ROAD OR PATH
VEG DRP LN	VEGETATION DRIP LINE
VEG LN	VEGETATION OUTLINE BOUNDARY
WALK WAY	SIDE WALK, WALK WAY
WTR 10 PROF	WATER 10" PROFILE

V8 City Existing.cel	
Cell Name	Cell Description
WTR 12 PROF	WATER 12" PROFILE
WTR 16 PROF	WATER 16" PROFILE
WTR 20 PROF	WATER 20" PROFILE
WTR 24 PROF	WATER 24" PROFILE
WTR 30 PROF	WATER 30" PROFILE
WTR 36 PROF	WATER 36" PROFILE
WTR 40 PROF	WATER 40" PROFILE
WTR 48 PROF	WATER 48" PROFILE
WTR 54 PROF	WATER 54" PROFILE
WTR 6 PROF	WATER 6" PROFILE
WTR 8 PROF	WATER 8" PROFILE
WTR AIR VAC	WATER AIR VAC
WTR BF PREV	WATER BACKFLOW PREVENTION
WTR BO	WATER BLOWOFF
WTR FH	WATER FIRE HYDRANT
WTR GRND WEL	WATER GROUND MONUMENT WELL
WTR GV	WATER GATE VALVE
WTR METER	WATER METER
WTR MH	WATER MANHOLE
WTR MKOUT	WATER MARK OUT
WTR PREV TST	WATER PREVENTATIVE TEST
WTR REDUCER	WATER REDUCER
WTR TST STA	WATER TEST STATION

## V8 City Proposed.cel

V8 City Proposed.cel	
Cell Name	Cell Description
ASBLT SYM	ASBUILT SYMBOL
BMP1	BEST MANAGEMENT PRACTICE 1
BMP2	BEST MANAGEMENT PRACTICE 2
CAUTION CALLOUT	CAUTION CALLOUT
CAUTION CALLOUT BLK	CAUTION CALLOUT BLANK
CITY FORCES CALLOUT	CITY FORCES CALLOUT
CONNECT AND RECHANNEL TO EX SWR MH CALL PL PT	CONNECT & RECHANNEL TO EX SWR MH CALLOUT PLAN POINT
CONNECT AND RECHANNEL TO EX SWR MH CALL PROF	CONNECT AND RECHANNEL TO EX SWR MH CALL PROFILE
CONNECT TO EX SWR MH CALL PROF	CONNECT TO EX SWR MH CALLOUT PROFILE
CONNECT TO EX SWR MH CALLOUT PL PT	CONNECT TO EX SWR MH CALLOUT PLAN POINT
COORD CAP 3	COORDINATE CAPSULE
COORD CAP 4	COORDINATE CAPSULE
COORD TABLE DF	COORDINATE TABLE DATA FIELD
DATA TABLE	DATA TABLE
DATA TABLE BOX	DATA BOX FOR DATA TABLE
DATE STAMP	DATE STAMP
DELTA SYM	DELTA SYMBOL FOR NOTES
DETAIL1	DETAIL CALL OUT
DETAIL2	DETAIL CALL OUT
EQUIP CALLOUT	EQUIPMENT CALLOUT
HEX 0	HEX FOR NOTES BLANK
HEX 1	HEX FOR NOTES 1
HEX 2	HEX FOR NOTES 2
MAP INTRANET LOCATION	INTRANET LOCATION MAP
P ACCESS MH PROF	PROP ACCESS MH PROF
P SWR CO	PROP SWR CLEANOUT PLAN
P SWR CO PROF	PROP SWR CLEANOUT PROF
P SWR LAT SYM	PROP SWR LATERAL SYMBL
P SWR LINED	PROP SWR LINED
P SWR LINED MH CALL PL PT	PROP SWR LINED MH CALL PLAN POINT
P SWR LINED MH CALL PROF	PROP SWR LINED MH CALLOUT PROFILE
P SWR MAIN	PROP SEWER MAIN
P SWR MH	PROP SWR MH
P SWR MH CALLOUT PL PT	P SWR MH CALLOUT PLAN POINT
P SWR MH CALLOUT PLAN	PROP SWR MH CALLOUT PLAN
P SWR MH CALLOUT PROF	P SWR MH CALLOUT PROF
P SWR MH LINED	PROP SWR MH LINED
P SWR MH LINED PROF	PROP SWR MH LINED PROF
P SWR MH PROF	PROP SWR MH PROF
P WTR 10 PROF	PROP 10 WATER PROF

V8 City Proposed.cel	
Cell Name	Cell Description
P WTR 12 PROF	PROP 12 WATER PROF
P WTR 16 PROF	PROP 16 WATER PROF
P WTR 24 PROF	PROP 24 WATER PROF
P WTR 6 PROF	PROP 6 WATER PROF
P WTR 8 PROF	PROP 8 WATER PROF
P WTR ACCESS MH	PROP WTR ACCESS MH
P WTR AIR VALVE	PROP WTR AIR VALVE
P WTR AIR VALVE PROF	PROP AIR VALVE PROFILE
P WTR BLOW OFF	PROP WTR BLOW OFF
P WTR BLOW OFF PROF	PROP WTR BLOW OFF PROFILE
P WTR CROSS	PROP WTR CROSS
P WTR EL 11 LT	PROP WTR ELBOW 11 LT
P WTR EL 11 RT	PROP WTR ELBOW 11 RT
P WTR EL 22 LT	PROP WTR ELBOW 22 LT
P WTR EL 22 RT	PROP WTR ELBOW 22 RT
P WTR EL 45 LT	PROP WTR ELBOW 45 LT
P WTR EL 45 RT	PROP WTR ELBOW 45 RT
P WTR EL 90	PROP WTR ELBOW 90
P WTR FH	PROP WTR FIRE HYDRANT
P WTR GB	PROP WTR GRADE BREAK
P WTR GB ELEV	PROP WTR GRADE BREAK EVELATION
P WTR MAIN	PROP WTR MAIN
P WTR METER	PROP WTR MAIN
P WTR PLUG	PROP WTR PLUG
P WTR RED	PROP WTR REDUCER
P WTR SERV	PROP WATER SERVICE
P WTR TEE	PROP WATER TEE
P WTR VALVE	PROP WTR VALVE
PLANNING MH	PLANNING MANHOLE
PLUS MINUS	PLUS MINUS
REHAB EX MH CALL PL PT	REHAB EX MH CALL PLAN POINT
REHAB EX MH CALL PLAN	REHB EX MH CALLOUT PLAN
REHAB EX MH CALL PROF	REHAB EX MH CALLOUT PROF
SHEET 1-10 WSD	SHEET 1-10 WSD
SHEET ANSI20 WSD	SHEET ANSI20 WSD
SHEET ANSI40 WSD	SHEET ANSI40 WSD
SHEET B	B SHEET
SHEET CITY FOR	SHEET CITY FORCES
SHEET COVER LARGE	SHEET COVER LARGE
SHEET COVER WATER	SHEET COVER WATER
SHEET COVER WSD	SHEET COVER WSD 12/6/2004
SHEET CURB RAMP WSD	SHEET CURB RAMP WSD
SHEET PLAN WATER	SHEET PLAN WATER
SHEET PP WATER	SHEET PLAN/PROFILE WATER
SHEET RESURFACING WSD	SHEET RESURFACING WSD

## V8 City Traffic Notes & Details.cel

V8 City Traffic Notes & Details.cel	
Name	Description
4 SECT MAST SPLT	4 SECT MAST SPLT
5 SEC MAST PPLT	5 SEC MAST PPLT
5 SEC POLE OVERLAP	5 SEC POLE OVERLAP
5 SEC POLE PPLT	5 SEC POLE PPLT
AS-BUILT	AS-BUILT
BOX 1 CHAR	BOX WITH 1 CHAR
BOX 2 CHAR	BOX WITH 2 CHAR
CIRCLE 1 CHAR	CIRCLE NOTE WITH 1 CHAR
CIRCLE 2 CHAR	CIRCLE NOTE WITH 2 CHAR
CONDUCTOR TBL	CONDUCTOR TABLE
DETECTOR SCHED	DETECTOR SCHEDULE
LEGEND	LEGEND TONE NOTE
LOCATION MAP	LOCATION MAP
NORTH	NORTH ARROW
PAVING DETAIL	PAVING DETAIL
PHASE 01	PHASE 01
PHASE 01 RED	PHASE 01 REDUCED
PHASE 02	PHASE 02
PHASE 02 PED RED	PHASE 02 PED REDUCED
PHASE 02 RED	PHASE 02 REDUCED
PHASE 03	PHASE 03
PHASE 03 PED RED	PHASE 03 PED REDUCED
PHASE 03 RED	PHASE 03 REDUCED
PHASE 04	PHASE 04
PHASE 04 PED RED	PHASE 04 PED REDUCED
PHASE 04 RED	PHASE 04 REDUCED
PHASE 05	PHASE 05
PHASE 05 RED	PHASE 05 REDUCED
PHASE 06	PHASE 06
PHASE 06 PED RED	PHASE 06 PED REDUCED
PHASE 06 RED	PHASE 06 REDUCED
PHASE 07	PHASE 07
PHASE 07 PED RED	PHASE 07 PED REDUCED
PHASE 07 RED	PHASE 07 REDUCED
PHASE 08	PHASE 08
PHASE 08 PED RED	PHASE 08 PED REDUCED
PHASE 08 RED	PHASE 08 REDUCED
PHASED	PHASE DIAGRAM
PLACE DETAIL	PLACEMENT DETAIL
PLACE DETAIL ALT.	PLACEMENT DETAIL ALT.

V8 City Traffic Notes & Details.cel	
Name	Description
POLE SCHD	POLE SCHEDULE
R73-7M DETAIL	PPLT SIGN DETAIL
SCALE NOTE	SCALE NOTE
SHEET 20 SCALE TRAF	SHEET 20 SCALE TRAF
SHEET 30 SCALE TRAF	SHEET 30 SCALE TRAF
SHEET 40 SCALE TRAF	SHEET 40 SCALE TRAF
STREE LIGHT CONVER DETAIL	ACORN STREET LIGHT CONVER. DETAIL
TITLE BLOCK 30 SCALE	TITLE BLOCK 30 SCALE
TRENCH LOCATION DETAIL	TRENCH LOCATION DETAIL
TRIANGLE 1 CHAR	TRIANGLE NOTE WITH 1 CHAR
TRIANGLE 2 CHAR	TRIANGLE NOTE WITH 2 CHAR
WORK SPEC NOTE 2003	WORK SPEC NOTE 2003
WORK SPEC NOTE 2004	WORK SPEC NOTE 2004
WORK SPEC NOTE 2005	WORK SPEC NOTE 2005

## V8 City Traffic Legend.cel

V8 City Traffic Legend.cel	
Name	Description
AHEAD EX	AHEAD TEXT EX
AHEAD PROP	AHEAD TEXT PROP
ARROW LT EX	ARROW LEFT EX
ARROW LT PROP	ARROW LT PROP
ARROW LT ST EX	ARROW LEFT AND STRAIGHT EX
ARROW LT ST PROP	ARROW LEFT STRAIGHT PROP
ARROW RT EX	ARROW RIGHT EX
ARROW RT LT ST EX	ARROW RIGHT LEFT STRAIGHT EX
ARROW RT LT ST PROP	ARROW RIGHT LEFT STRAIGHT PROP
ARROW RT PROP	ARROW RIGHT PROP
ARROW RT ST EX	ARROW RIGHT STRAIGHT EX
ARROW RT ST PROP	ARROW RIGHT STRAIGHT PROP
ARROW ST EX	ARROW STRAIGHT EX
ARROW ST LONG EX	ARROW STRAIGHT LONG EX
ARROW ST LONG PROP	ARROW STRAIGHT LONG PROP
ARROW ST MED EX	ARROW STRAIGHT MED EX
ARROW ST MED PROP	ARROW ST MED PROP
ARROW ST PROP	ARROW STRAIGHT PROP
BIKE EX	BIKE TEXT EX
BIKE PROP	BIKE TEXT PROP
CLEAR EX	CLEAR TEXT EX
CLEAR PROP	CLEAR TEXT PROP
HERE EX	HERE TEXT EX
HERE PROP	HERE TEXT PROP
KEEP EX	KEEP TEXT EX
KEEP PROP	KEEP TEXT PROP
LANE LG EX	LANE LARGE TEXT EX
LANE LG PROP	LANE LARGE TEXT PROP
LANE SM EX	LANE SMALL TEXT EX
LANE SM PROP	LANE SMALL TEXT PROP
LEFT EX	LEFT TEXT EX
LEFT PROP	LEFT TEXT PROP
ONLY EX	ONLY TEXT EX
ONLY PROP	ONLY TEXT PROP
PED EX	PED TEXT EX
PED PROP	PED TEXT PROP
RAILROAD EX	RAILROAD TEXT EX
RAILROAD PROP	RAILROAD TEXT PROP
RIGHT EX	RIGHT TEXT EX
RIGHT PROP	RIGHT TEXT PROP

V8 City Traffic Legend.cel	
Name	Description
SCHOOL EX	SCHOOL TEXT EX
SCHOOL PROP	SCHOOL TEXT PROP
SIGN GND EX	SIGN GROUND EX
SIGN GND PROP	SIGN GROUND PROP
SIGNAL EX	SIGNAL TEXT EX
SIGNAL PROP	SIGNAL TEXT PROP
SLOW EX	SLOW TEXT EX
SLOW PROP	SLOW TEXT PROP
STOP EX	STOP TEXT EX
STOP PROP	STOP TEXT PROP
TURN EX	TURN TEXT EX
TURN PROP	TURN TEXT PROP
WAIT EX	WAIT TEXT EX.
WAIT PROP	WAIT TEXT PROP
XING EX	XING TEXT EX
XING PROP	XING TEXT PROP
YIELD EX	YIELD TEXT EX
YIELD PROP	YIELD TEXT PROP



## V8 City Traffic Eq.cel

V8 City Traffic Eq.cel	
Name	Description
15 POLE EX	15 FT POLE EX
15 POLE PROP	15 FT POLE PROP
15 POLE SALV	15 FT POLE SALVAGE
15 SIGNAL EX	15 FT SIGNAL EX
15 SIGNAL PROP	15 FT SIGNAL PROP
15 SIGNAL SALV	15 FT SIGNAL SALVAGE
20 POLE EX	20 FT POLE EX
20 POLE PROP	20 FT POLE PROP
20 POLE SALV	20 FT POLE SALVAGE
20 SIGNAL EX	20 FT SIGNAL EX
20 SIGNAL PROP	20 FT SIGNAL PROP
20 SIGNAL SALV	20 FT SIGNAL SALVAGE
25 POLE EX	25 FT POLE EX
25 POLE PROP	25 FT POLE PROP
25 POLE SALV	25 FT POLE SALVAGE
25 SIGNAL EX	25 FT SIGNAL EX
25 SIGNAL PROP	25 FT SIGNAL PROP
25 SIGNAL SALV	25 FT SIGNAL SALVAGE
30 POLE EX	30 FT POLE EX
30 POLE PROP	30 FT POLE PROP
30 POLE SALV	30 FT POLE SALVAGE
30 SIGNAL EX	30 FT SIGNAL EX
30 SIGNAL PROP	30 FT SIGNAL PROP
30 SIGNAL SALV	30 FT SIGNAL SALVAGE
35 POLE EX	35 FT POLE EX
35 POLE PROP	35 FT POLE PROP
35 POLE SALV	35 FT POLE SALVAGE
35 SIGNAL EX	35 FT SIGNAL EX
35 SIGNAL PROP	35 FT SIGNAL PROP
35 SIGNAL SALV	35 FT SIGNAL SALVAGE
40 POLE EX	40 FT POLE EX
40 POLE PROP	40 FT POLE PROP
40 POLE SALV	40 FT POLE SALVAGE
40 SIGNAL EX	40 FT SIGNAL EX
40 SIGNAL PROP	40 FT SIGNAL PROP
40 SIGNAL SALV	40 FT SIGNAL SALVAGE
45 POLE EX	45 FT POLE EX
45 POLE PROP	45 FT POLE PROP
45 POLE SALV	45 FT POLE SALVAGE
45 SIGNAL EX	45 FT SIGNAL EX

V8 City Traffic Eq.cel	
Name	Description
45 SIGNAL PROP	45 FT SIGNAL PROP
45 SIGNAL SALV	45 FT SIGNAL SALVAGE
50 POLE EX	50 FT POLE EX
50 POLE PROP	50 FT POLE PROP
50 POLE SALV	50 FT POLE SALVAGE
50 SIGNAL EX	50 FT SIGNAL EX
50 SIGNAL PROP	50 FT SIGNAL PROP
50 SIGNAL SALV	50 FT SIGNAL SALVAGE
55 POLE EX	55 FT POLE EX
55 POLE PROP	55 FT POLE PROP
55 POLE SALV	55 FT POLE SALVAGE
55 SIGNAL EX	55 FT SIGNAL EX
55 SIGNAL PROP	55 FT SIGNAL PROP
55 SIGNAL SALV	55 FT SIGNAL SALVAGE
60 POLE EX	60 FT POLE EX
60 POLE PROP	60 FT POLE PROP
60 POLE SALV	60 FT POLE SALVAGE
60 SIGNAL EX	60 FT SIGNAL EX
60 SIGNAL PROP	60 FT SIGNAL PROP
60 SIGNALSALV	60 FT SIGNAL SALVAGE
CONTROL EX	CONTROLLER EX
CONTROL PROP	CONTROLLER PROP
CONTROL SALV	CONTROLLER SALVAGE
CUSTOM LT EX	CUSTOM LIGHT EX
CUSTOM LT PROP	CUSTOM LIGHT PROP
CUSTOM LT SALVAGE	CUSTOM LIGHT SALVAGE
ELEC BOX EX	ELECTRICAL BOX EX
ELEC BOX PROP	ELECTRICAL BOX PROP
ELEC BOX SALV	ELECTRICAL BOX SALVAGE
EVPE HEAD EX	EVPE HEAD EX
EVPE HEAD PROP	EVPE HEAD PROP
EVPE HEAD SALV	EVPE HEAD SALVAGE
FL BEACON EX	FLASHING BEACON EX
FL BEACON PROP	FLASHING BEACON PROP
FL BEACON SALV	FLASHING BEACON SALVAGE
FL RED BEACON EX	FLASH RED BEACON EX
FL RED BEACON PROP	FLASH RED BEACON PROP
FL RED BEACON SALV	FLASH RED BEACON SALVAGE
FL YEL BEACON EX	FLASH YEL BEACON EX
FL YEL BEACON PROP	FLASH YEL BEACON PROP
FL YEL BEACON SALV	FLASH YEL BEACON SALVAGE
HAND HOLE 3312 EX	HAND HOLE 3312 EX
HAND HOLE 3312 PROP	HAND HOLE 3312 PROP

V8 City Traffic Eq.cel	
Name	Description
HAND HOLE 3312 SALV	HAND HOLE 3312 SLAVAGE
HAND HOLE EX	HAND HOLE DET EX
HAND HOLE PROP	HAND HOLE DET PROP
HEAD EX	VEH HEAD EX
HEAD LT EX	VEH HEAD LEFT EX
HEAD LT PROP	VEH HEAD LEFT PROP
HEAD LT SALV	VEH HEAD LEFT SALVAGE
HEAD PROP	VEH HEAD PROP
HEAD RT EX	VEH HEAD RIGHT EX
HEAD RT PROP	VEH HEAD RIGHT PROP
HEAD RT SALV	VEH HEAD RIGHT SALVAGE
HEAD SALV	VEH HEAD SALVAGE
LOOP A 1 CHAR EX	LOOP A 1 CHAR EX
LOOP A 1 CHAR PROP	LOOP A 1 CHAR PROP
LOOP A 2 CHAR EX	LOOP A 2 CHAR EX
LOOP A 2 CHAR PROP	LOOP A 2 CHAR PROP
LOOP B 1 CHAR EX	LOOP B 1 CHAR EX
LOOP B 1 CHAR PROP	LOOP B 1 CHAR PROP
LOOP B 2 CHAR EX	LOOP B 2 CHAR EX
LOOP B 2 CHAR PROP	LOOP B 2 CHAR PROP
LOOP BIKE E 1 CHAR PROP	LOOP BIKE E 1 CHAR PROP
LOOP BIKE E 2 CHAR PROP	LOOP BIKE E 2 CHAR PROP
LOOP BIKE Q 1 CHAR EX	LOOP BIKE Q 1 CHAR EX
LOOP BIKE Q 1 CHAR PROP	LOOP BIKE Q 1 CHAR PROP
LOOP BIKE Q 2 CHAR EX	LOOP BIKE Q 2 CHAR EX
LOOP BIKE Q 2 CHAR PROP	LOOP BIKE Q 2 CHAR RPOP
LOOP D 1 CHAR EX	LOOP D 1 CHAR EX
LOOP D 1 CHAR PROP	LOOP D 1 CHAR PROP
LOOP D 2 CHAR EX	LOOP D 2 CHAR EX
LOOP D 2 CHAR PROP	LOOP D 2 CHAR PROP
LOOP E 1 CHAR EX	LOOP E 1 CHAR EX
LOOP E 1 CHAR PROP	LOOP E 1 CHAR PROP
LOOP E 2 CHAR EX	LOOP E 2 CHAR EX
LOOP E 2 CHAR PROP	LOOP E 2 CHAR PROP
LOOP QUAD Q 1 CHAR EX	LOOP QUADRAPOLE Q 1 CHAR EX
LOOP QUAD Q 1 CHAR PROP	LOOP QUADRAPOLE Q 1 CHAR PROP
LOOP QUAD Q 2 CHAR EX	LOOP QUADRAPOLE Q 2 CHAR EX
LOOP QUAD Q 2 CHAR PROP	LOOP QUADRAPOLE Q 2 CHAR PROP
LOOPS 2 DA 1 CHAR EX	LOOPS 2 DA 1 CHAR EX
LOOPS 2 DA 1 CHAR PROP	LOOPS 2 DA 1 CHAR PROP
LOOPS 2 DA 2 CHAR EX	LOOPS 2 DA 2 CHAR EX
LOOPS 2 DA 2 CHAR PROP	LOOPS 2 DA 2 CHAR PROP
LOOPS 2 E 1 CHAR EX	LOOPS 2 E 1 CHAR EX

V8 City Traffic Eq.cel	
Name	Description
LOOPS 2 E 1 CHAR PROP	LOOPS 2 E 1 CHAR PROP
LOOPS 2 E 2 CHAR EX	LOOPS 2 E 2 CHAR EX
LOOPS 2 E 2 CHAR PROP	LOOPS 2 E 2 CHAR PROP
LOOPS 4 DA 1 CHAR EX	LOOPS 4 DA 1 CHAR EX
LOOPS 4 DA 1 CHAR PROP	LOOPS 4 DA 1 CHAR PROP
LOOPS 4 DA 2 CHAR EX	LOOPS 4 DA 2 CHAR EX
LOOPS 4 DA 2 CHAR PROP	LOOPS 4 DA 2 CHAR PROP
LOOPS 4 E 1 CHAR EX	LOOPS 4 E 1 CHAR EX
LOOPS 4 E 1 CHAR PROP	LOOPS 4 E 1 CHAR PROP
LOOPS 4 E 2 CHAR EX	LOOPS 4 E 2 CHAR EX
LOOPS 4 E 2 CHAR PROP	LOOPS 4 E 2 CHAR PROP
MAST ARM SIGNAL EX	MAST ARM SIGNAL EX
MAST ARM SIGNAL PROP	MAST ARM SIGNAL PROP
MAST ARM SIGNAL SALV	MAST ARM SIGNAL SALVAGE
MULTIPLE FIBOPT EX	MULTIPLEXER FIBEROPTIC EX
MULTIPLE FIBOPT PROP	MULTIPLEXER FIBEROPTIC PROP
NOSE LT EX	NOSE LIGHT EX
NOSE LT PROP	NOSE LIGHT PROP
PB 3.5 EX	PULLBOX 3.5 EXIST
PB 3.5 PROP	PULLBOX 3.5 PROP
PB 3.5 SALV	PULLBOX 3.5 SALVAGE
PB 5 EX	PULLBOX 5 EXIST
PB 5 PROP	PULLPOX 5 PROP
PB 5 SALV	PULLPOX 5 SALVAGE
PB 6 EX	PULLBOX 6 EX
PB 6 PROP	PULLBOX 6 PROP
PB 6 SALV	PULLBOX 6 SALVAGE
PB UNK EX	PULLBOX UNK SIZE EX
PB UNK PROP	PULLBOX UNK SIZE PROP
PB UNK SALV	PULLBOX UNK SIZE SALVAGE
PED 2 HEADS EX	PED 2 HEADS EX
PED 2 HEADS PROP	PED 2 HEADS PROP
PED 2 HEADS SALVAGE	PED 2 HEADS SALVAGE
PED BARRICADE EX	PED BARRICADE EX
PED BARRICADE PROP	PED BARRICADE PROP
PED BARRICADE SALV	PED BARRICADE SALVAGE
PED HEAD EX	PED HEAD EX
PED HEAD PROP	PED HEAD PROP
PED HEAD SALV	PED HEAD SALVAGE
PED PHBUT POLE EX	PED PUSH BUTTON POLE EX
PED PHBUT POLE PROP	PED PUSH BUTTON POLE PROP
PED PHBUT POLE SALV	PED PUSH BUTTON POLE SALV
POLE SERV MOUNT EX	POLE SERVICE MOUNT EX

V8 City Traffic Eq.cel	
Name	Description
POLE SERV PED EX	POLE SERVICE PEDISTAL EX
POLE SERV PED PROP	POLE SERVICE PEDISTAL PROP
POLE SERV PED SALV	POLE SERVICE PEDISTAL SALVAGE
PP EX	POWER POLE EX
PP PROP	POWER POLE PROP
PP SALV	POWER POLE SALV
PP SRV EX	POWER POLE W/SERV EX
PP SRV PROP	POWER POLE W/SERV PROP
PP SRV SALV	POWER POLE W/SERV SALV
SIGN POLE 1A EX	SIGN POLE 1A EX
SIGN POLE 1A PROP	SIGN POLE 1A PROP
SIGN POLE 1A SALV	SIGN POLE 1A SALVAGE
ST LT EX	STREET LIGHT EXIST
ST LT PROP	STREET LIGHT PROP
ST LT SALV	STREET LIGHT SALV
TRANSFORMER EX	TRANSFORMER EX
TRANSFORMER PROP	TRANSFORMER PROP
TRANSFORMER SALV	TRANSFORMER SALVAGE

## V8 City Traffic Features.cel

V8 City Traffic Features.cel	
Name	Description
100 LT LANE 60 TRANS	100 FT LT LANE 60 TRANS
100 LT LANE 90 TRANS	100 FT LT LANE 90 TRANS
250 LT LANE 120 TRANS	250 FT LT LANE 120 TRANS
250 LT LANE 90 TRANS	250 FT LT LANE 90 TRANS
60 LT LANE 60 TRANS	60 FT LT LANE 60 TRANS
B2 CURB GUTTER	B2 CURB GUTTER XSEC
CURB INLET 1	CURB INLET 1
CURB INLET 2	CURB INLET 2
CURB INLET 3	CURB INLET 3
CURB INLET 4	CURB INLET 4
CURB INLET 5	CURB INLET 5
DRIVEWAY 10	DRIVEWAY 10
DRIVEWAY 12	DRIVEWAY 12
DRIVEWAY 15	DRIVEWAY 15
DRIVEWAY 20	DRIVEWAY 20
FIRE HYD EX	FIRE HYDRANT EX
MON	MONUMENT
NOSE	NOSE
PALM TREE	PALM TREE
PED RAMP 2 EX	PED RAMP 2 EX
PED RAMP A PROP	PED RAMP A PROP
PED RAMP C MOD PROP	PED RAMP C MOD PROP
PED RAMP C PROP	PED RAMP C PROP
PED RAMP EX	PED RAMP EX
PED RAMP PROP	PED RAMP PROP
PED RAMP R1	PED RAMP R1
PED RAMP R2	PED RAMP R2
PED RAMP R3	PED RAMP R3
PED RAMP R4	PED RAMP R4
PED RAMP R5	PED RAMP R5
RAILROAD	RAILROAD
TRASH	TRASH CAN
TREE LARGE	TREE GENERIC LARGE
TREE SMALL	TREE GENERIC SMALL
TROLLEY TRACK SINGLE	TROLLEY TRACK SINGLE
TROLLEY TRACKS 1	TROLLEY TRACKS SINGLE
TROLLEY TRACKS 2	TROLLEY TRACKS DUAL

# 7 – Dimensions

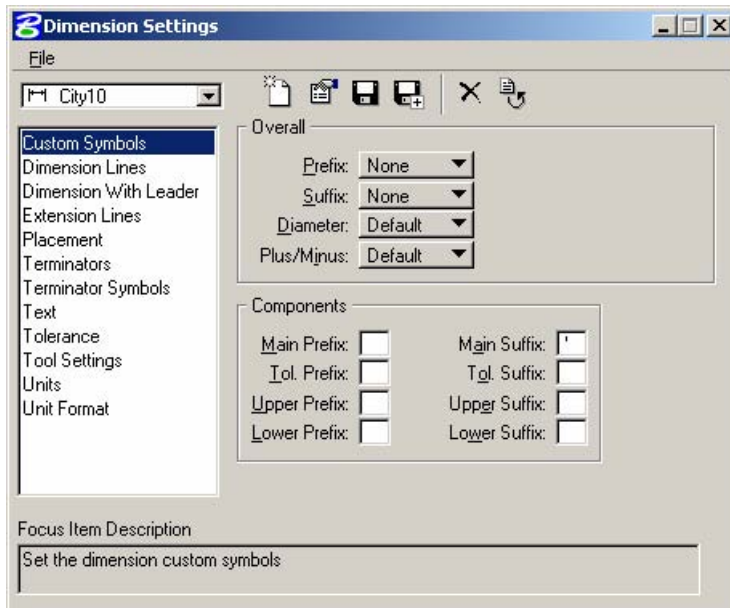
A set of dimension styles has been established to help in placing consistent dimensions in drawings with known plotting scales. The standard dimension styles are included in the following table.

## Dimensions

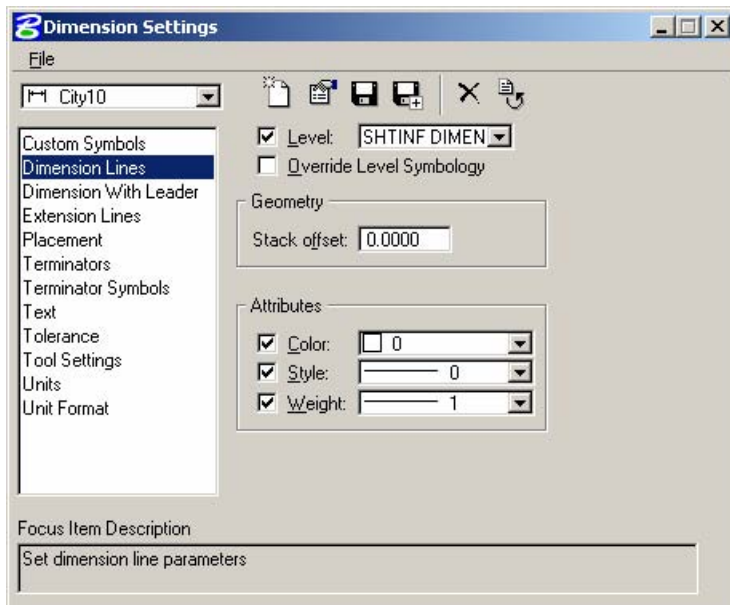
Dimension Style	Extension	Text Size
City10	No	1.2
City20	No	2.4
City40	No	4.8
City80	No	9.6
City100	No	12
City160	No	19.2
City10ex	Yes	1.2
City20ex	Yes	2.4
City40ex	Yes	4.8
City80ex	Yes	9.6
City100ex	Yes	12
City160ex	Yes	19.2

The following are common settings made to all dimension styles.

## Custom Symbols

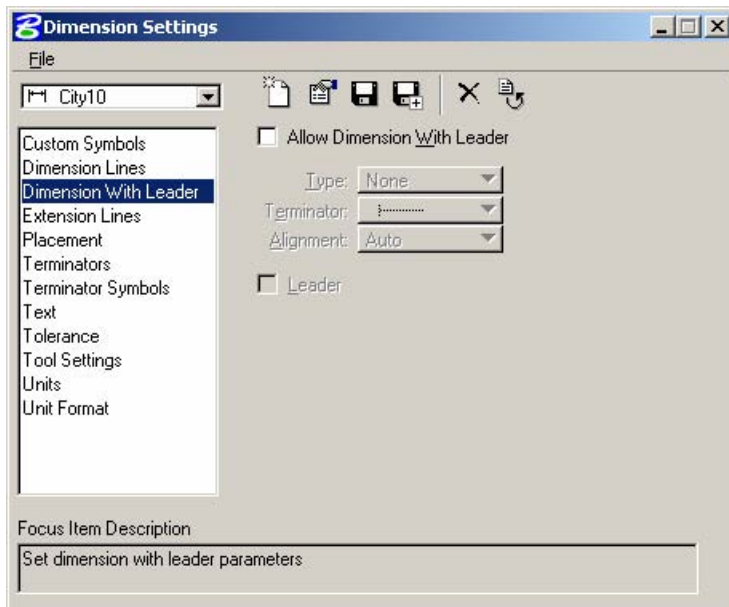


## Dimension Line

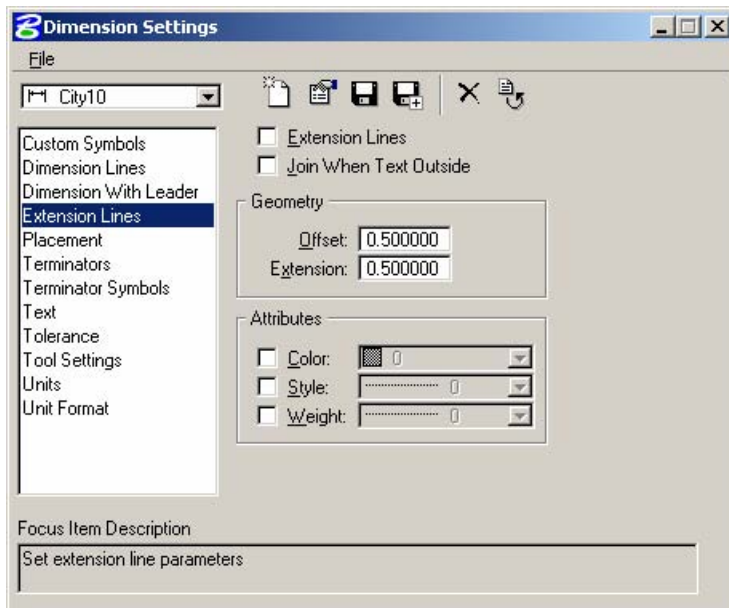




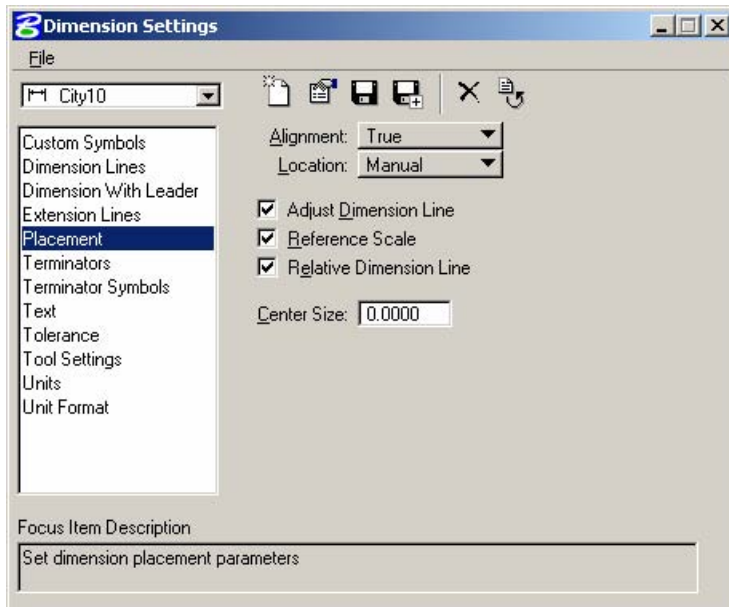
## Dimensions with Leader



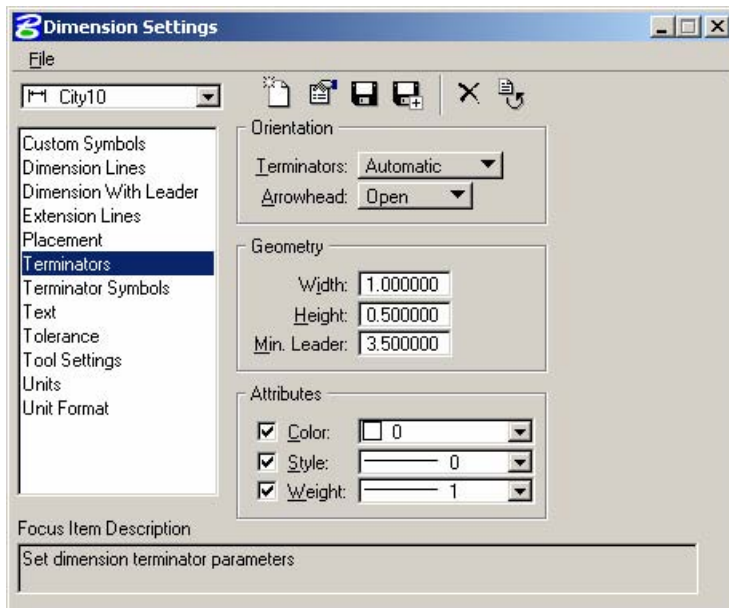
## Extension Lines



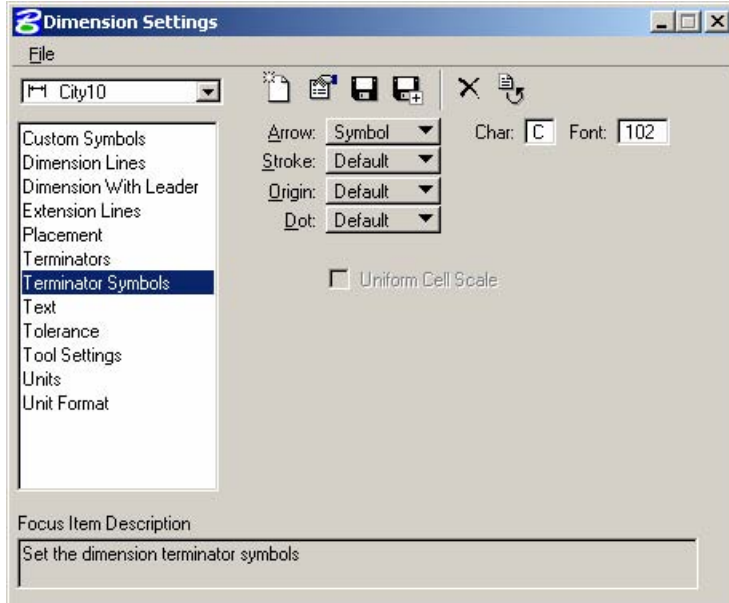
## Placement



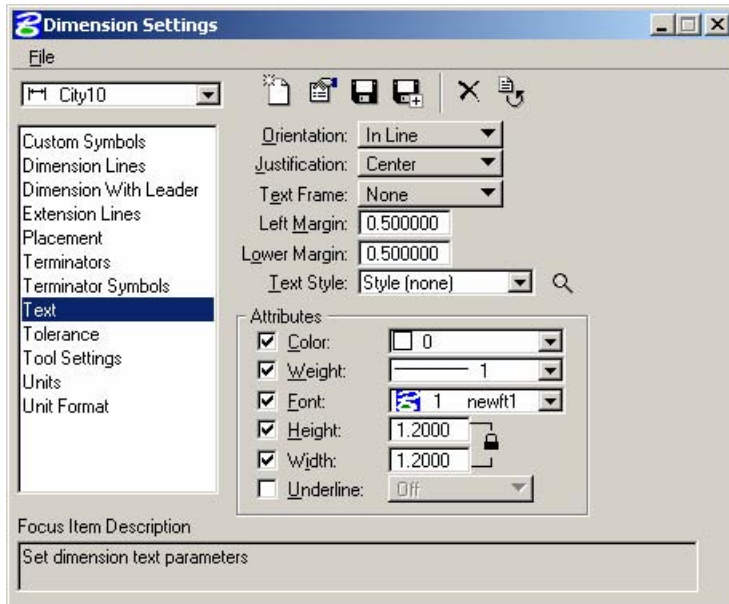
## Terminators



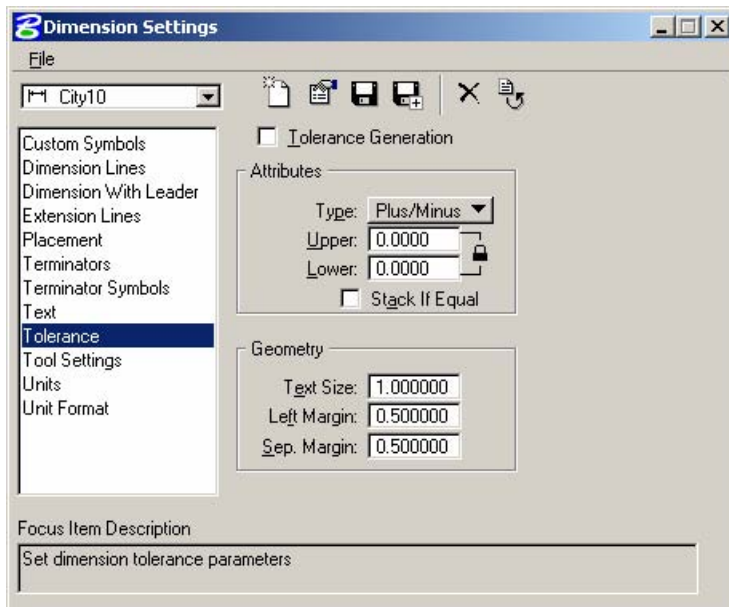
## Terminator Symbols



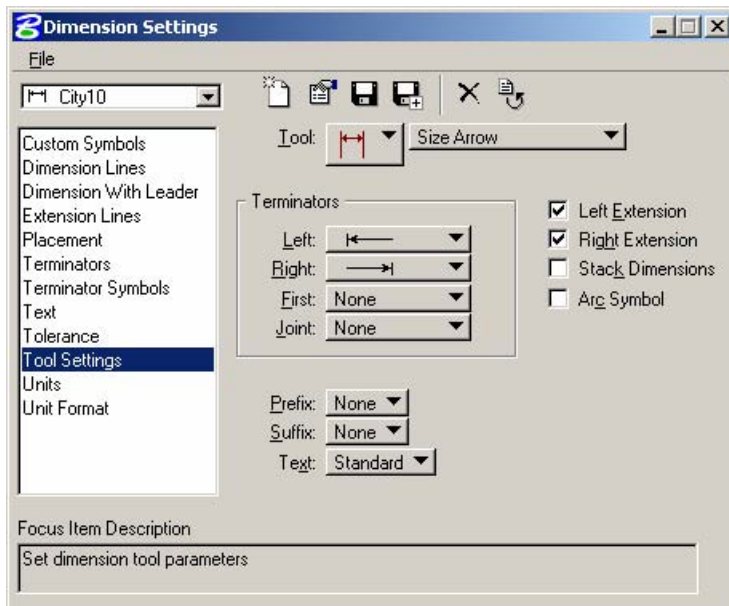
**Text** (will vary depending on selected dimension style)



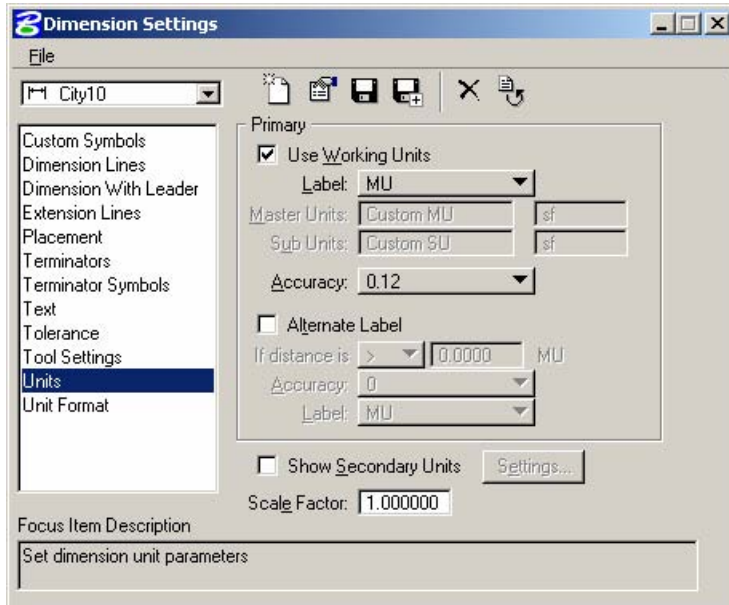
## Tolerance



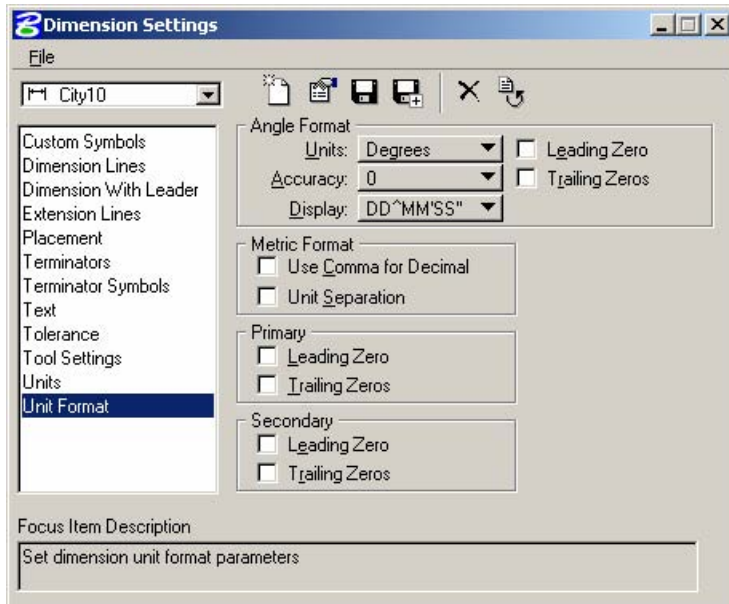
## Tool Settings



## Units



## Unit Format



## Appendix A

### **CADD Standards Review Committee Structure and Process**

## Overview

The CADD Advisory Committee is ultimately responsible for the creation, acceptance, maintenance, publishing, and updating the CADD Standards. To facilitate these functions the CADD Advisory Committee formed a CADD Standards Review Sub-committee, which acts on the behalf of the CADD Advisory Committee in fulfilling the role of establishing City-wide CADD standards. The CADD Standards Review Committee is responsible for proposing, reviewing, and approving changes to the approved and published CADD Standards. The sections that follow describe how this sub-committee conducts the business of keeping the CADD Standards current.

## Committee Structure

The CADD Standards Review Committee consists of the CADD Coordinators from the CADD Advisory Committee or their designated representative, and up to two additional representatives from each City Division, which participates in the CADD Advisory Program. The Divisional Representatives are designated by their respective CADD Coordinators based on input from the Division users, IT staff, and management.

It is the responsibility of each CADD Standards Representatives to represent all CADD users, engineers, and managers in their Division or Department. They are responsible for insuring that the needs of their Division or Department's use of CADD Standards are adequately represented to the CADD Advisory Committee through CADD Standards Review Committee.

The CADD Advisory Committee also designates a CADD Standards Coordinator to help facilitate meetings, manage the on line forum, independently review proposed changes to insure they are in line with approved standards, and provide technical advice and direction to the CADD Standards Representatives. The CADD Standards Coordinator may delegate duties to a technical specialist.

CADD Standards Representatives serve at the discretion of the CADD Advisory Committee with no set time limit or term. These representatives should be experienced CADD users and be familiar with their Division or Department's workflows. Preferably, if there are two representatives from the same Division, they should represent different functional groups (e.g. planning and design instead of two from design).

## Roles and Responsibilities

### CADD Standards Representatives

The CADD Standards Representatives have the specific responsibilities outlined below and any additional ones that the CADD Advisory Committee deems necessary to support the objectives of the CADD Standards Review Committee:

- Support, promote, and encourage the use of CADD Standards to their Division's CADD users, consultants and contractors.
- Solicit and accept recommendations from their Division's CADD users, engineers, and managers for changes to the current CADD Standards.
- Prepare appropriate documentation on proposed changes per CADD Standard guidelines and submit proposed changes on behalf of their Division.
- Attend all meetings of the CADD Standards Review Committee and actively participate in discussions and reviews.
- Stay current with postings to the CADD Standards Review Committee online forum on a regular basis. Actively participate in forum discussions, surveys, and information sharing.
- Organize and track internal Divisional reviews of proposed changes and obtain Division approval or rejection of changes in a timely manner as defined by the CADD Standards Review Committee.
- Disseminate information to their Division's end users, engineers, managers, and others on new standards proposed, accepted, under consideration, or rejected.
- Provide regular updates on the activities of the CADD Standards Review Committee to their Division's end users, engineers and managers.
- Complete any action items assigned by the Committee.
- Solicit and act on feedback from end users, engineers, managers, and others in their Division on the usefulness and effectiveness of the CADD Standards Review Committee.

### CADD Standards Coordinator

The CADD Standards Coordinator has the specific responsibilities outlined below and any additional ones that the CADD Advisory Committee deems necessary to support the objectives of the CADD Standards Review Committee:

- Support, promote, and encourage the use of CADD Standards to all CADD users at the City of San Diego, outside consultants and contractors.



- Attend all meetings of the CADD Standards Review Committee and actively participate in the discussions and reviews.
- Manage the CADD Standards on line forum to insure that new entries are posted correctly, old entries are removed when no longer relevant, calendars are updated, and other relevant documentation is provided to the CADD Standards Representatives.
- Assist CADD Standards Representatives in disseminating information to end users, engineers, managers, and others on new standards proposed, accepted, under consideration, or rejected.
- Schedule and facilitate meetings of the CADD Standards Review Committee and publish meeting minutes.
- Complete any action items assigned by Committee.
- Provide independent technical review of proposed changes to insure that they meet existing guidelines, contain all necessary information, and are consistent with current CADD Standards.
- Incorporate approved changes in the official CADD Standard file store.
- Update approved changes to the CADD Standard Documentation.
- Provide technical advice and recommendations to the Committee on proposed changes and proactively provide recommendations to make the Standard more effective.
- Act as liaison between the CADD Standards Review Committee and the CADD Advisory Committee

### **CADD Advisory Committee**

The CADD Advisory Committee has the specific responsibilities outlined below (in relation to the CADD Standards Review Committee) and any additional ones that the CADD Advisory Committee deems necessary to support the objectives of the CADD Standards Review Committee:

- Support, promote, and encourage the use of CADD Standards to all City of San Diego CADD users, outside consultants and contractors.
- Assist CADD Standards Representatives in disseminating information to end users, engineers, managers, and others on new standards proposed, accepted, under consideration, or rejected.
- Update CADD Standards Review Committee on any activities pertaining to CADD Standards, which are being considered by the CADD Advisory Committee.

- Review, approve or reject proposed changes approved by the CADD Standards Review Committee. If proposed changes are rejected, explanation on rejection must be returned to the CADD Standards Review Committee.
- Manage the governance approval process for the CADD Standards. This approval process may require presentations to the IT Governance Committee, Department head approvals, and other City governances whose approval is necessary to establish the Standard as a legal requirement.
- Each CADD Coordinator acts as a CADD Standards Review Committee Representative and may delegate this responsibility to another individual in their represented Division or Department
- Appoints the CADD Standards Coordinator.
- Each CADD Advisory Representative can appoint up to two additional CADD Standards Representatives from their represented Divisions.
- Monitors the activities of the CADD Standards Review Committee and directs changes in structure, methods, objectives, etc. as necessary to effectively manage the on going CADD Standards maintenance
- Resolves issues presented by the Committee that cannot be resolved within the CADD Standards Review Committee

## Meetings and On Line Forum

The CADD Standards Review Committee meetings will be scheduled to insure all necessary business of the Committee is completed. These meetings shall not be scheduled less than once every three months. A scheduled meeting may be cancelled with the consent of the CADD Standards Representatives if there is no current business to conduct.

The Committee can use on line collaboration tools (on line forums) to conduct business, present proposals, survey CADD Standards Representatives for input and approval on proposed changes, and other communication. It is intended that as much Committee business as possible be conducted through the on line forum in order to minimize the impact on other duties also performed by the CADD Standards Representatives. The on line forum will be managed by the CADD Standards Coordinator and CADD Standards Representatives must visit and review posted material on a regular basis.

## Documentation for Proposed Changes

Proposed changes to the CADD Standard must be clearly documented by the submitting CADD Standards Representative in order to effectively convey the intended change to other Committee members. The proposed change must be documented as appropriate for the particular change being proposed. It is intended that, whenever possible, this documentation be in electronic form

so that it can be easily shared via the on line forum. However, if electronic form is not possible (such as when a large number of changes need to be published in paper form) then the Committee must meet to review the documents or the submitting CADD Standards Representative must insure that each Committee member receives a copy in a timely fashion.

Appropriate documentation shall consist of, at a minimum, both a written and graphical description of the proposed change. A sample of appropriate submittal documentation is attached at end of section 1. The minimum requirements are:

- Written general description of the requested changes.
- An itemized list of each cell, line style, etc. being changed and brief description of the change.
- Names of the library or for resource file being changed.
- Submitter's name, Department & Division, and contact phone #.
- Location of the files containing the changed items. (If not included with the email)
- If the proposed change is the result of a mandate by a controlling governing agency, the written documentation will include a statement to that effect, a statement from the agency requiring the change, and documentation showing the mandated change and any time requirement.
- Graphical representations showing both current and proposed changes to cell, line style, etc.
- Graphics will have changed items clearly indicated by "clouds", notes with leader lines, color, or a combination of these and other methods.
- Graphics will clearly show the name of the cell, line style, etc. being changed or added.
- Only the changed items should be submitted – not the entire cell library, etc.
- Preferred formats are Microsoft Word for the written description and MicroStation for the graphics.

The Committee has the right to request any change submittals to be resubmitted if the original submittal documentation was not clear.

## Review Process Description

The process the CADD Standards Review Committee follows for reviewing and approving proposed changes is shown in the diagram following this section. In general, the process is as described below.

1. Proposed changes are solicited by CADD Standards Representatives through each Division or Department's internal processes. The representative prepares the appropriate documentation (as described above) and sends it via email to the CADD Standards Coordinator.
2. The CADD Standards Coordinator reviews proposed changes to insure it is in compliance with CADD Standards and to determine if the documentation is sufficient to evaluate the proposed change.

If the proposed changes or documentation does not pass the CADD Standards Coordinator review, it will be sent back to the CADD Standards Representative corrections with an explanation of what is missing or required.

If the proposed changes meets current standards and has appropriate documentation, the CADD Standards Coordinator will create a new separate entry in the on line forum for the proposed change, attach the documentation to the discussion item, and create a survey question for other CADD Standards Representatives to approve, reject, or call for discussion on the proposed change.

The CADD Standards Coordinator will notify the CADD Standards Representatives via email that a proposal has been made, the location of the documents and survey question, and the time frame to complete the review.

If the proposed change is a mandate from a controlling governing agency, no Committee discussion or approval is required. In this case, once the change meets the CADD Standards requirement, the CADD Standards Coordinator will prepare a package for submittal direct to the CADD Advisory Committee.

3. Each individual CADD Standards Representative will then review the proposed change and process it through their internal Division review and approval cycle. Once they have obtained the necessary comments, the individual CADD Standards Representative will document their approval, rejection, or call for additional discussion via the on line forum.
4. If all CADD Standards Representatives do not reject the change or call for further discussion via the on line forum, the change is approved and the CADD Standards Coordinator will prepare the submittal package for review and approval by the CADD Advisory Committee.

If any one member rejects the proposal or any one member calls for further discussion then the item will be brought up at the next CADD Standards Review Committee meeting. The Committee will then discuss the proposal and provide approval or request additional information and/or changes be made by the submitting CADD Standards Representative.

**Approval of proposed changes is not by majority vote. Committee approval must be unanimous.**

If a submittal is approved then the CADD Standards Coordinator will prepare a package for submittal to the CADD Advisory Committee for review and approval.

5. The CADD Advisory Committee will review proposed changes at their earliest possible convenience. CADD Advisory will review the proposal through the process they have established and will obtain approval as needed by the City's IT governance processes.

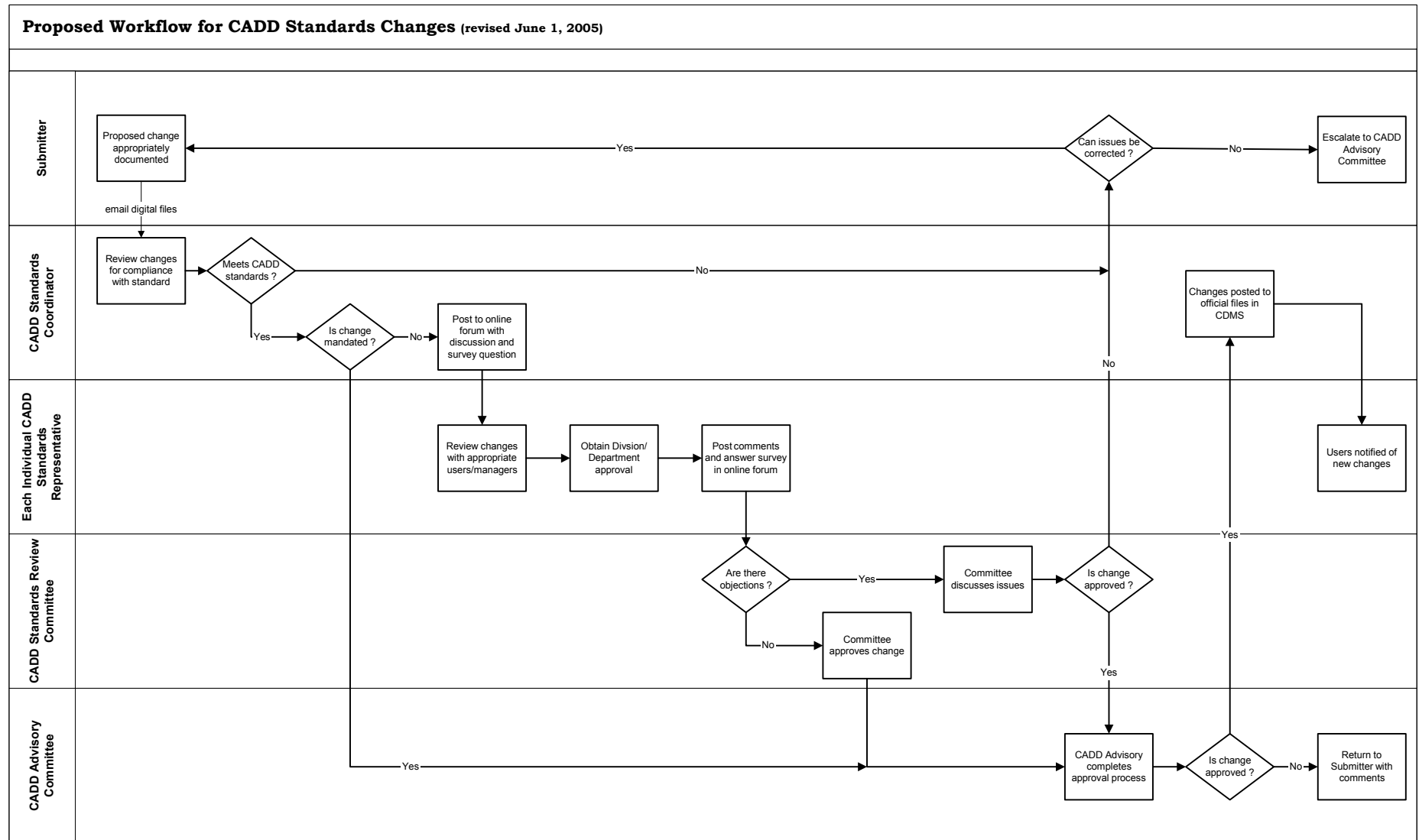
When the CADD Advisory Committee approves the change they will notify the CADD Standards Coordinator. The CADD Standards Coordinator will make changes to the original files in the standards repository and update the CADD Standards Document. The CADD Standards Coordinator will notify the individual CADD Standards Representatives that the proposal has been approved and adopted and that it is ready for distribution to end users. The CADD Standards Representatives will notify end users and update their systems with the new standard files per their internal Divisional processes and procedures.

If the CADD Advisory Committee rejects the proposal, either as a part of their review or as a result of IT governance, they will prepare a written description of why the change was rejected and return the comments to the original submitter.

6. If a proposal is rejected at any step, the original submitter can make appropriate changes to remove objections and resubmit the proposal or they may escalate the issue to the CADD Advisory Committee for determination on whether or not the requested changes must be made.

The CADD Standards Review Committee may propose changes to this review and approval process. The CADD Advisory Committee must approve proposed process changes before they are implemented.

# Review Process Diagram



# Submittal Documentation Sample

## General Description

### Proposed Changes to Library V8 City Proposed.cel

1. Edit WSD cover sheet (Cell name: SHEET COVER WSD)
  - a. Changes in limits of Work table
    - i. Delete columns in table
  - b. Changes in the legend
    - i. Correct typo

### Requested by:

WSD users group

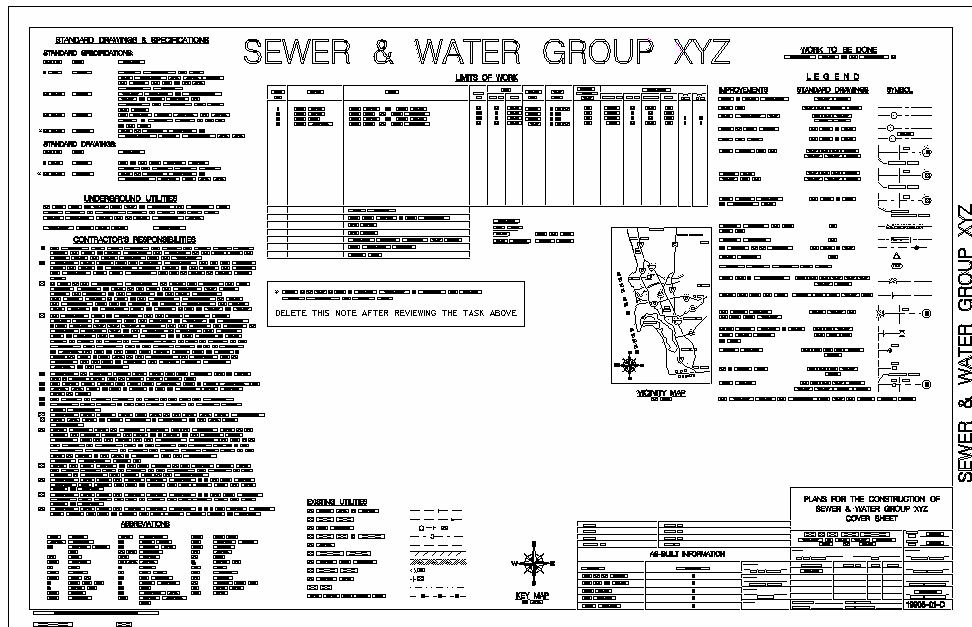
### Submitted by:

Paul Bowden  
CADD Analyst  
Jr. - Civil Engineer  
E&CP/WSD Division  
(123) 456-7890

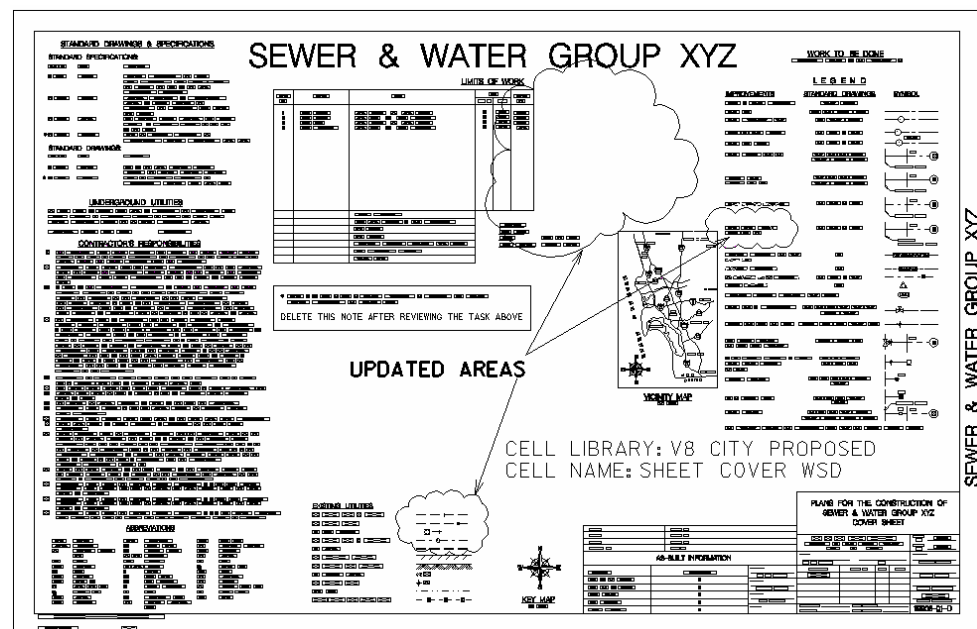
# Submittal Documentation Sample

## Graphical Representations

Before



## After

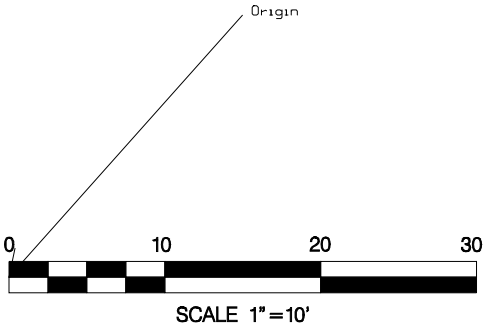
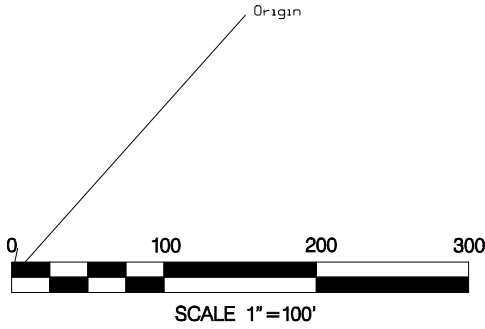
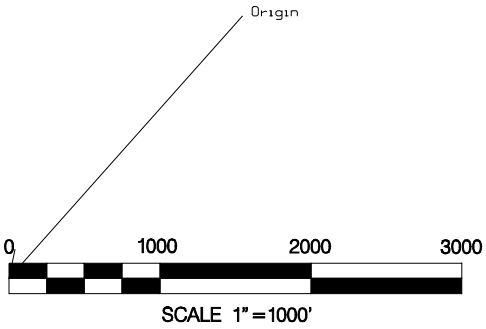
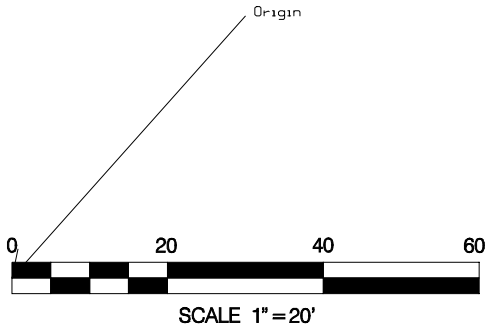




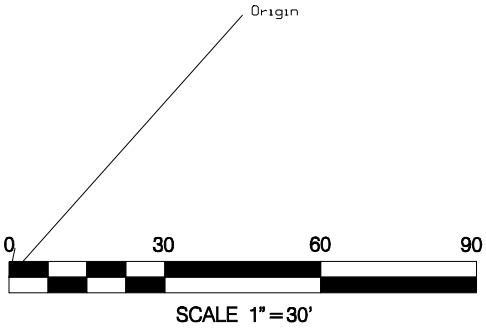
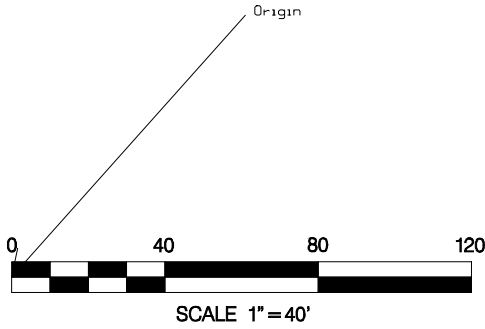
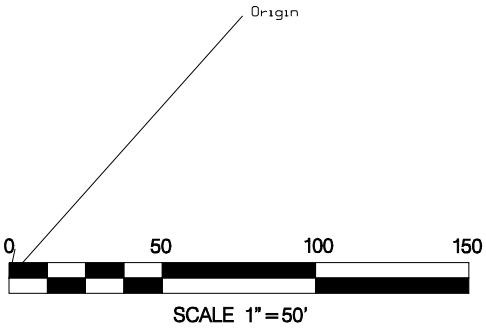
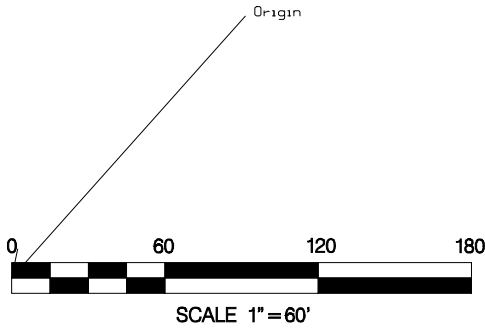
## Appendix B

### **V8 City Existing.cel**

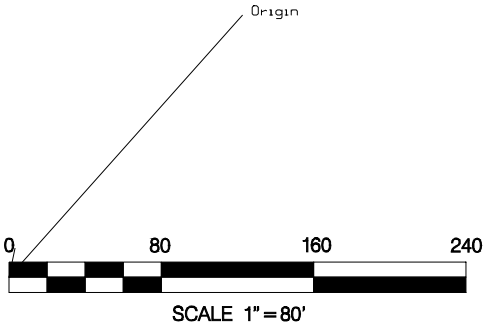
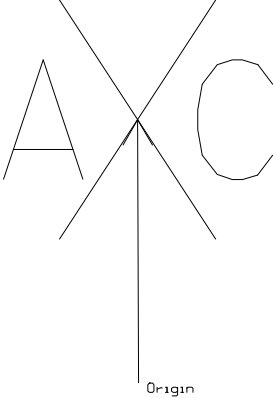
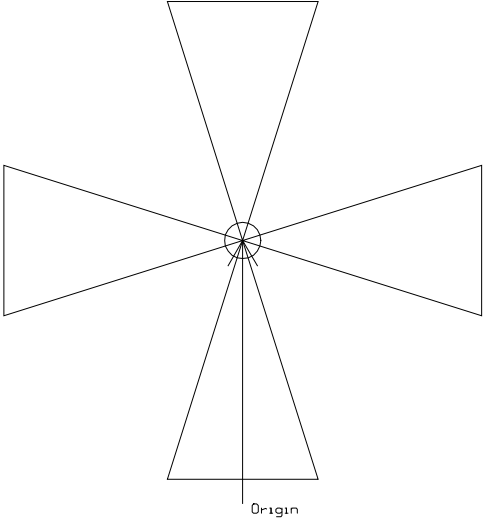
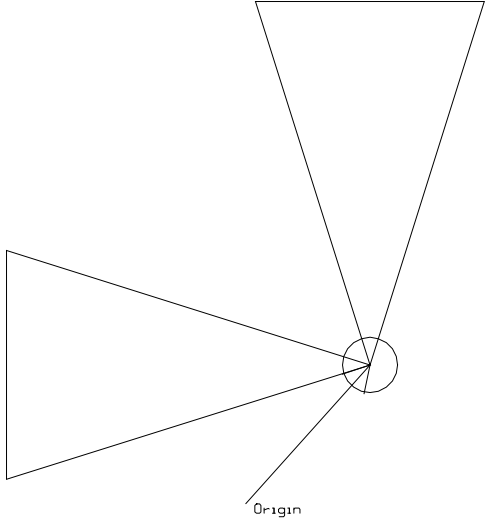
## V8 CITY EXISTING.CEL

	
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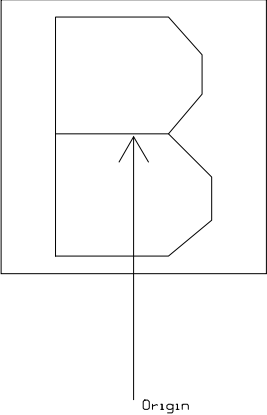
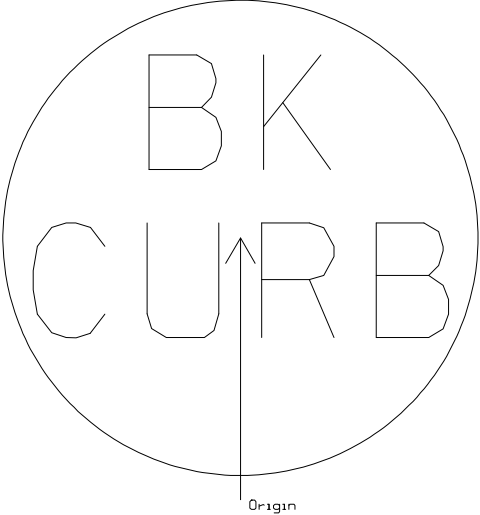
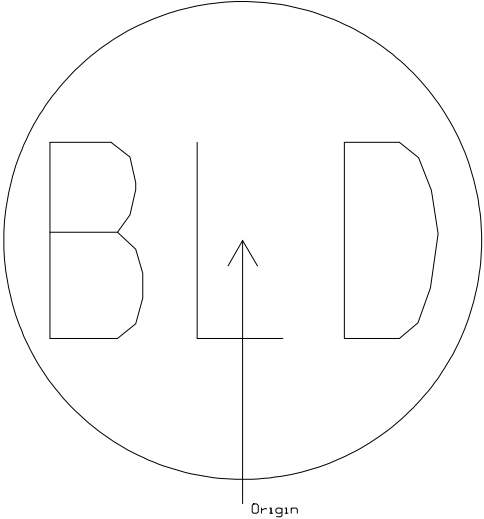
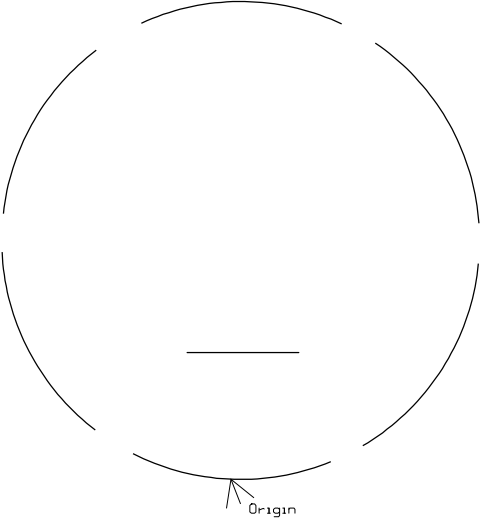
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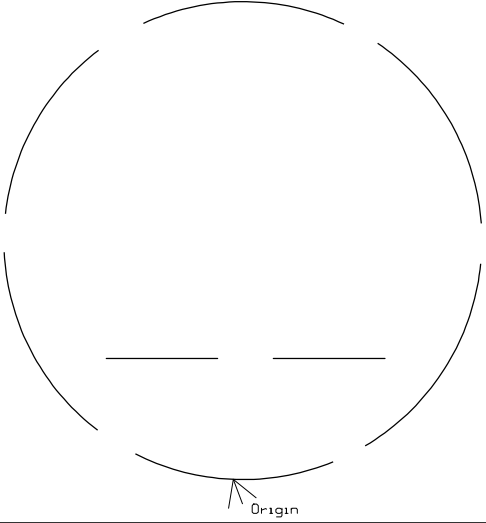
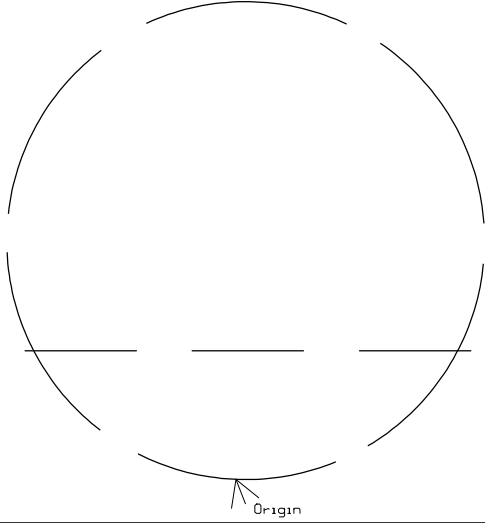
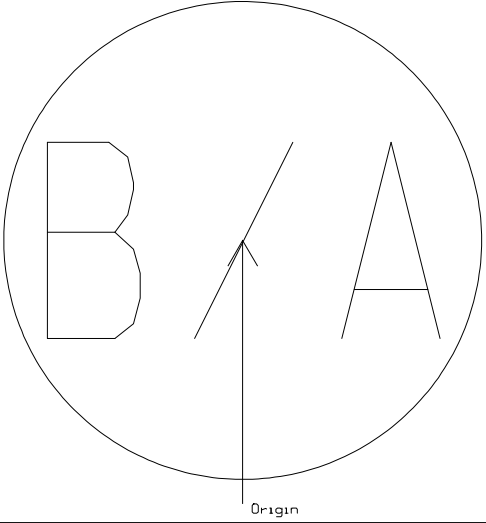
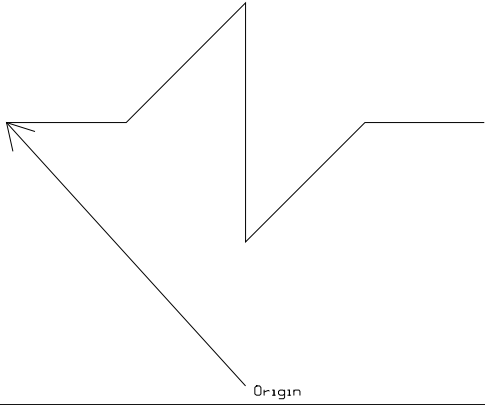
## V8 CITY EXISTING.CEL

 <p>A horizontal scale bar with alternating black and white segments. It is marked with the numbers 0, 80, 160, and 240. A line points to the start of the bar, labeled 'Origin'. Below the bar, the text 'SCALE 1"=80\'' is written.</p>	 <p>A diagram showing a vertical line with a circle at its base, labeled 'Origin'. Two diagonal lines cross the vertical line, and a horizontal line segment is drawn across them, forming a shape resembling a stylized 'A' and 'C'.</p>
<p><b>NAME: 80 SCALE GRAPHIC</b></p> <p><b>DESCRIPTION: 80 SCALE GRAPHIC</b></p>	<p><b>NAME: AC BERM</b></p> <p><b>DESCRIPTION: ASPHALT CONCRETE BERM</b></p>
 <p>A diagram showing a central circle with four lines radiating from it, forming a cross shape. The lines extend to the edges of the panel.</p>	 <p>A diagram showing a central circle with four lines radiating from it, forming a cross shape. The lines extend to the edges of the panel. A line points to the center circle, labeled 'Origin'.</p>
<p><b>NAME: AP</b></p> <p><b>DESCRIPTION: AERIAL PANEL</b></p>	<p><b>NAME: AP ID</b></p> <p><b>DESCRIPTION: AERIAL PHOTO IDENTIFICATION</b></p>

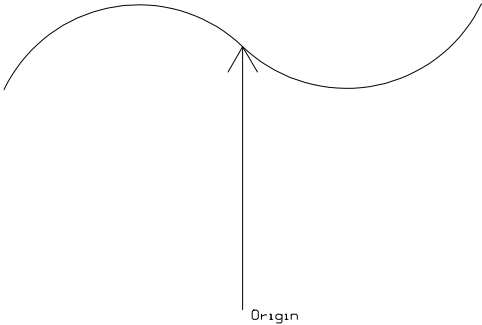
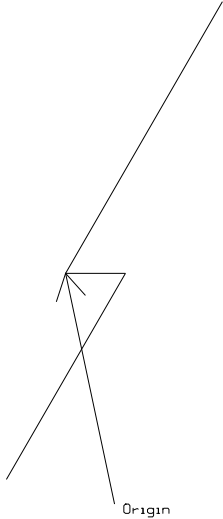
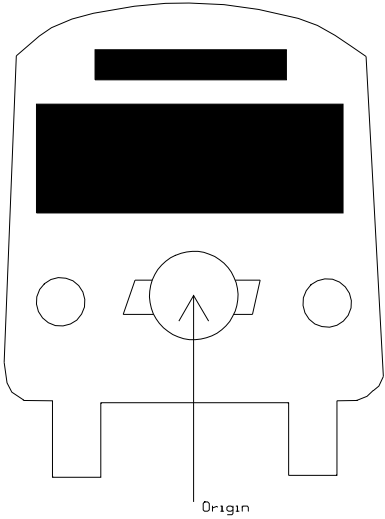
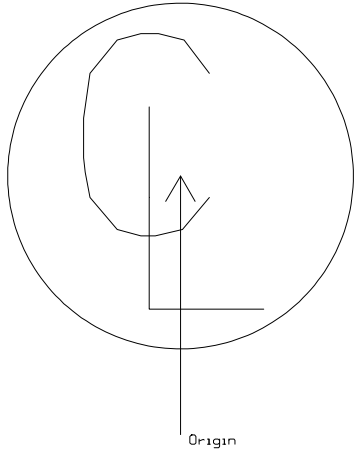
## V8 CITY EXISTING.CEL

	
<p><b>NAME: BENCH</b></p> <p><b>DESCRIPTION: SURVEY BENCH MARK</b></p>	<p><b>NAME: BK RL CB</b></p> <p><b>DESCRIPTION: BACK OF ROILED CURB</b></p>
	
<p><b>NAME: BLDG</b></p> <p><b>DESCRIPTION: BUILDING CORNER</b></p>	<p><b>NAME: BLOCK 1</b></p> <p><b>DESCRIPTION: BLOCK 1 NUMBER</b></p>

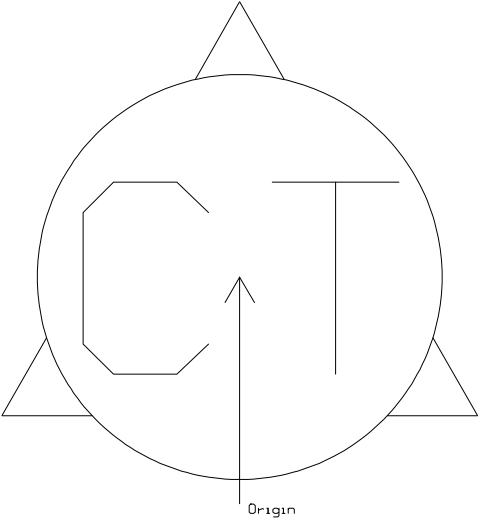
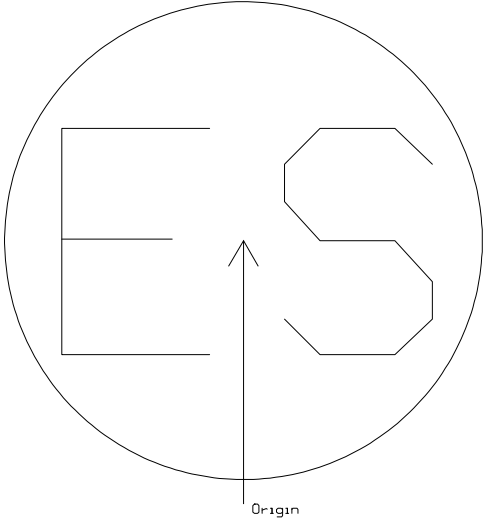
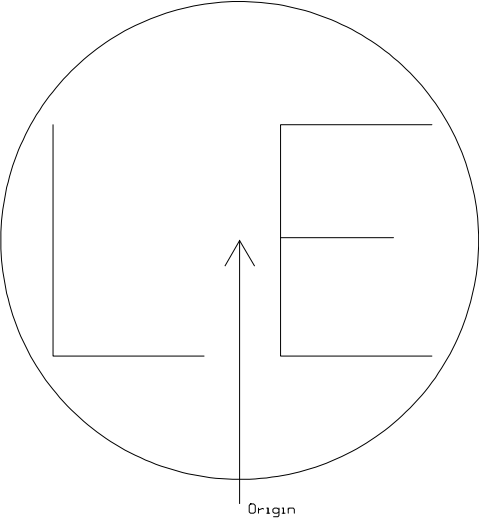
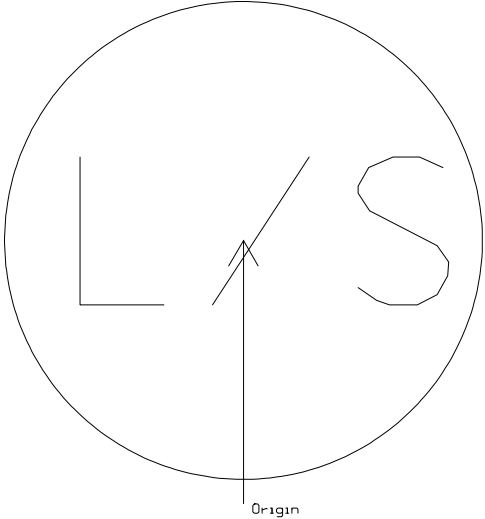
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<p><b>NAME: BRDG ABUT</b></p> <p><b>DESCRIPTION: BRIDGE ABUTMENT</b></p>	<p><b>NAME: BREAK1</b></p> <p><b>DESCRIPTION: BREAK LINE</b></p>

## V8 CITY EXISTING.CEL

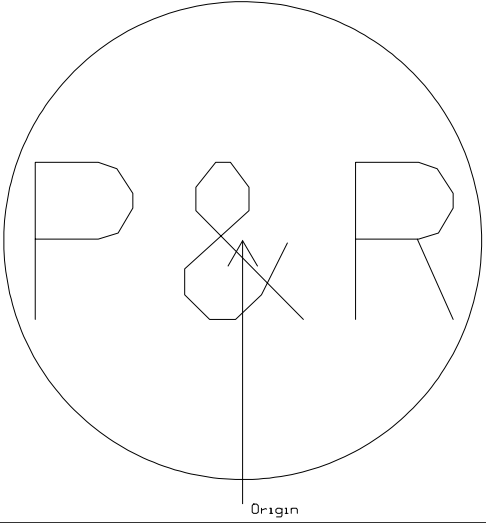
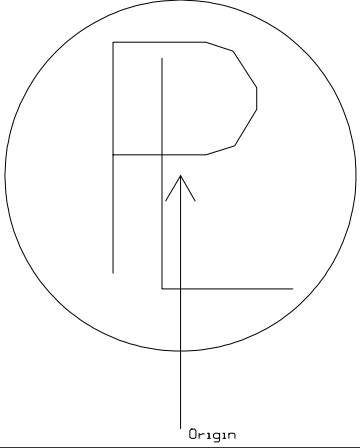
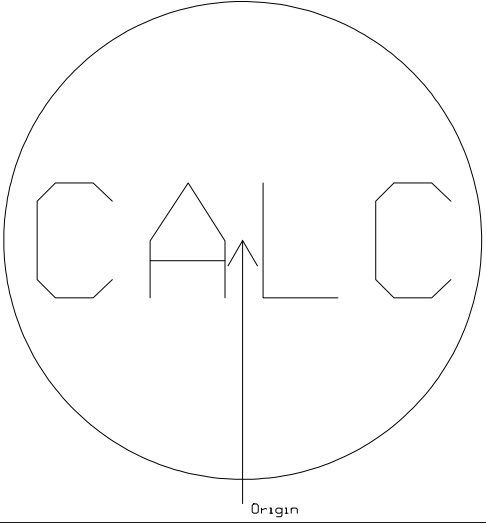
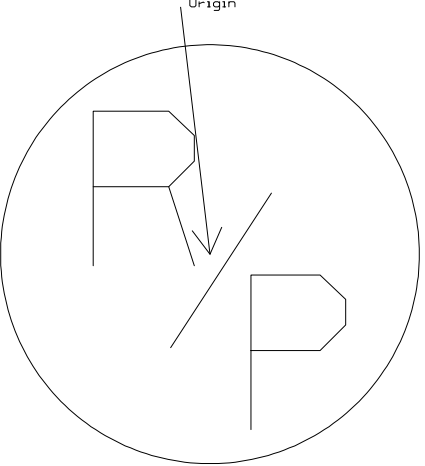
	
<p><b>NAME: BREAK2</b></p> <p><b>DESCRIPTION: BREAK LINE</b></p>	<p><b>NAME: BREAK3</b></p> <p><b>DESCRIPTION: BREAK LINE</b></p>
	
<p><b>NAME: BUS</b></p> <p><b>DESCRIPTION: BUS STOP</b></p>	<p><b>NAME: CALC'D CL</b></p> <p><b>DESCRIPTION: CALCULATED CENTER LINE</b></p>

## V8 CITY EXISTING.CEL

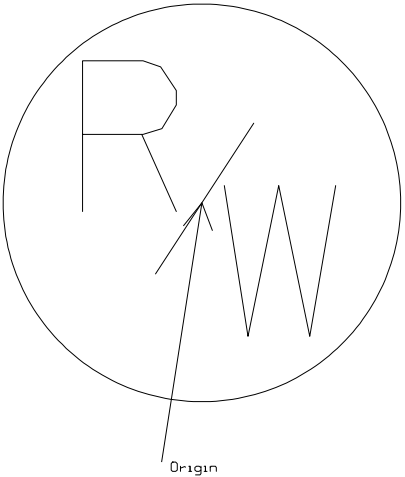
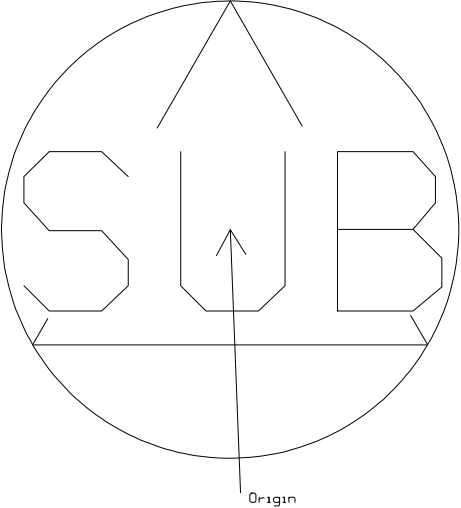
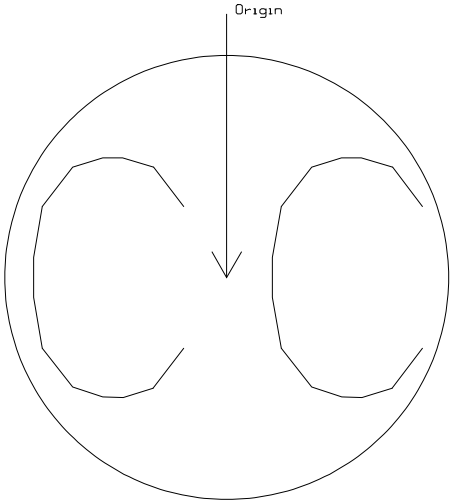
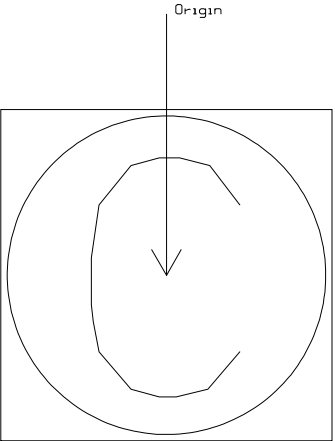
	
<p><b>NAME: CALC'D CT</b></p> <p><b>DESCRIPTION: CALCULATED CALIFORNIA TRANSPORTATION</b></p>	<p><b>NAME: CALC'D EAS</b></p> <p><b>DESCRIPTION: CALCULATED EASEMENT</b></p>
	
<p><b>NAME: CALC'D LEAS</b></p> <p><b>DESCRIPTION: CALCULATED LEASE</b></p>	<p><b>NAME: CALC'D LS</b></p> <p><b>DESCRIPTION: CALCULATED LOT SPLIT</b></p>



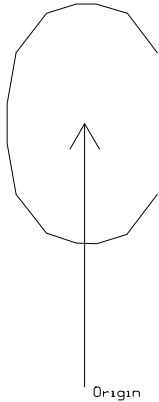
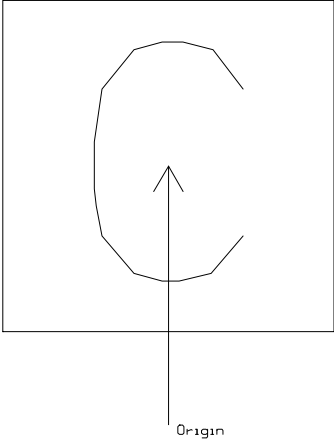
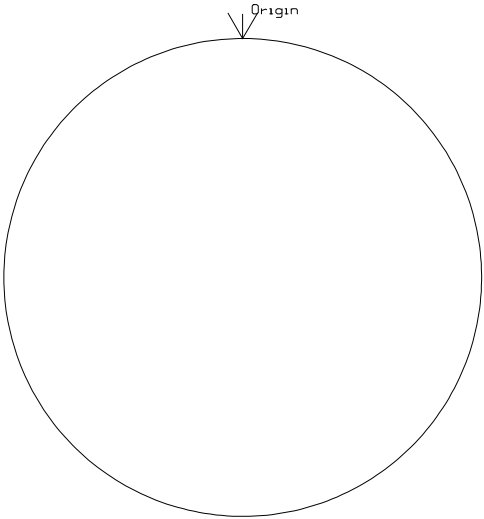
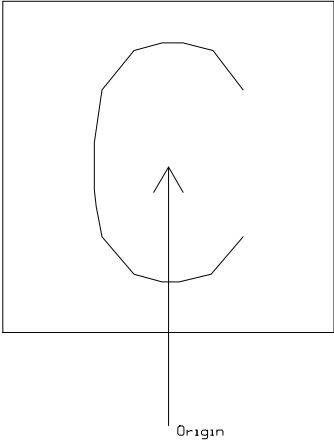
## V8 CITY EXISTING.CEL

	
<p><b>NAME: CALC'D PK-REC</b></p> <p><b>DESCRIPTION: CALCULATED PARK &amp; RECREATION</b></p>	<p><b>NAME: CALC'D PL</b></p> <p><b>DESCRIPTION: CALCULATED PROPERTY LINE</b></p>
	
<p><b>NAME: CALC'D PT</b></p> <p><b>DESCRIPTION: CALCULATED SURVEY POINT</b></p>	<p><b>NAME: CALC'D RP</b></p> <p><b>DESCRIPTION: CALCULATED RADIUS POINT</b></p>

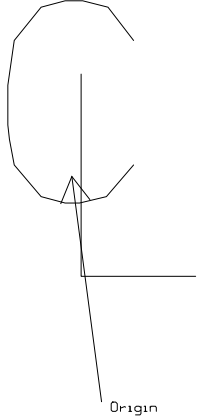
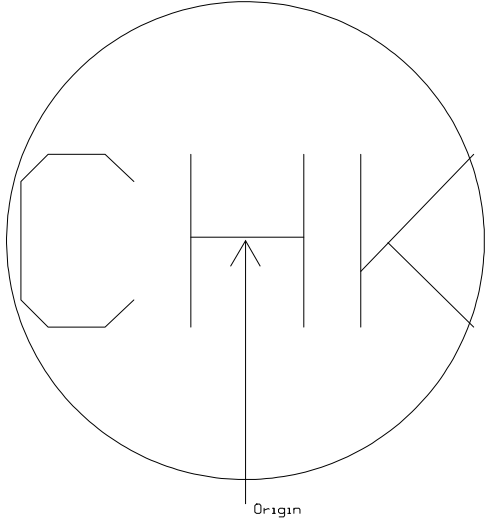

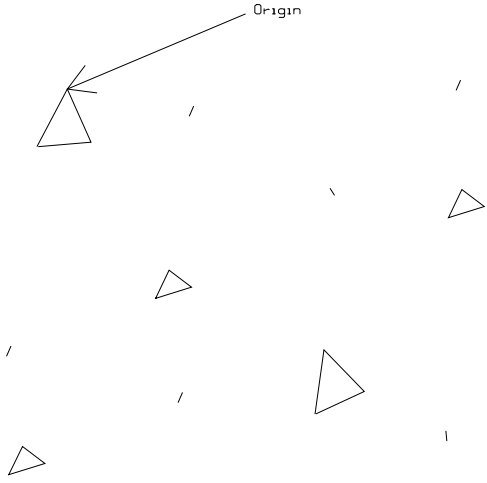
## V8 CITY EXISTING.CEL

	
<p><b>NAME: CALC'D RW</b></p> <p><b>DESCRIPTION: CALCULATED RIGHT OF WAY</b></p>	<p><b>NAME: CALC'D SUB</b></p> <p><b>DESCRIPTION: CALCULATED SUBDIVISION</b></p>
	
<p><b>NAME: CATH PREV TST</b></p> <p><b>DESCRIPTION: CATHODE PREVENTATIVE TEST</b></p>	<p><b>NAME: CATV MH VLT</b></p> <p><b>DESCRIPTION: CATV MANHOLE-VAULT</b></p>

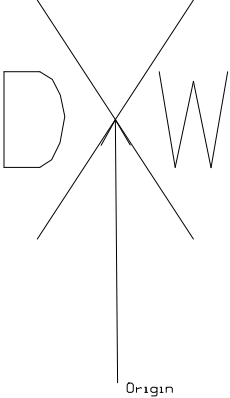
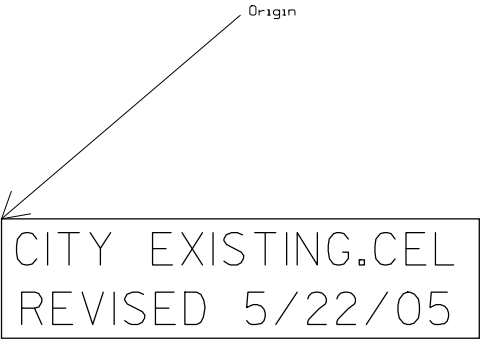
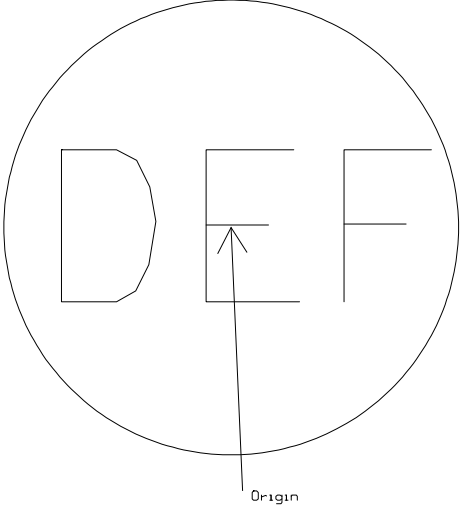
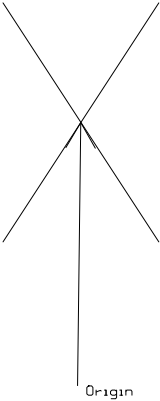
## V8 CITY EXISTING.CEL

	
<p><b>NAME: CATV MKOUT</b></p> <p><b>DESCRIPTION: CATV MARK OUT</b></p>	<p><b>NAME: CATV PB</b></p> <p><b>DESCRIPTION: CATV PULL BOX</b></p>
	
<p><b>NAME: CATV PROFILE</b></p> <p><b>DESCRIPTION: CABLE TV PROFILE</b></p>	<p><b>NAME: CATV RISER</b></p> <p><b>DESCRIPTION: CATV RISER</b></p>

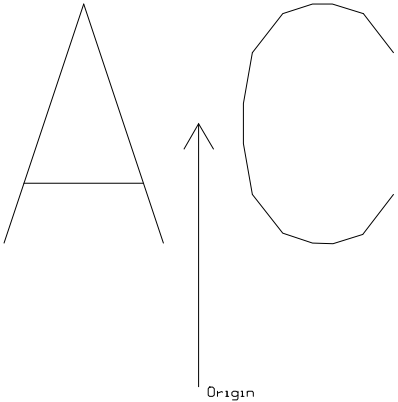
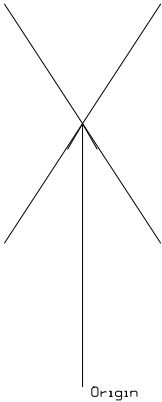
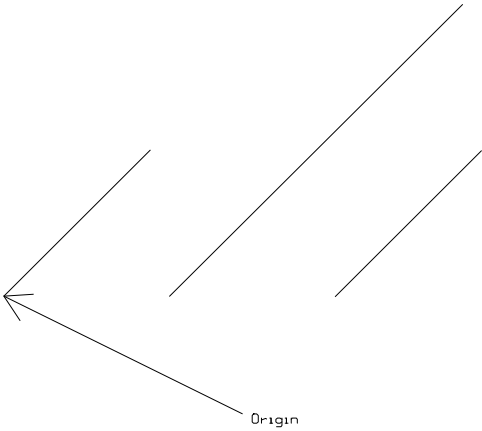
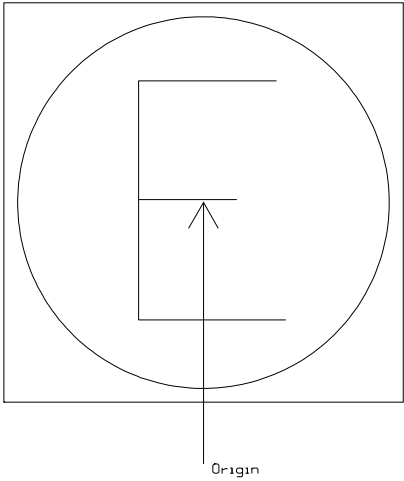
## V8 CITY EXISTING.CEL

	
<p>NAME: CENTERLINE</p> <p>DESCRIPTION: CENTERLINE SYMBOL</p>	<p>NAME: CHK</p> <p>DESCRIPTION: CHECK POINT SURVEY</p>
	
<p>NAME: CITY SEAL</p> <p>DESCRIPTION: CITY SEAL</p>	<p>NAME: CONCRETE</p> <p>DESCRIPTION: CONCRETE SYMBOL</p>

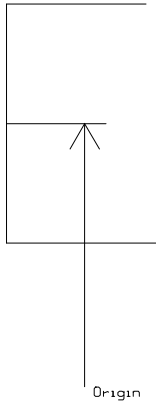
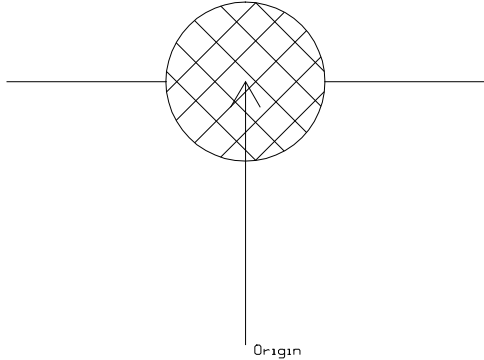
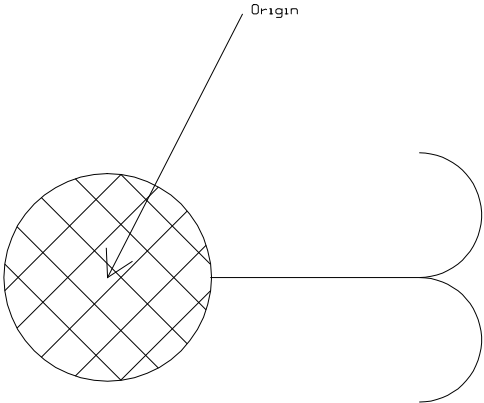
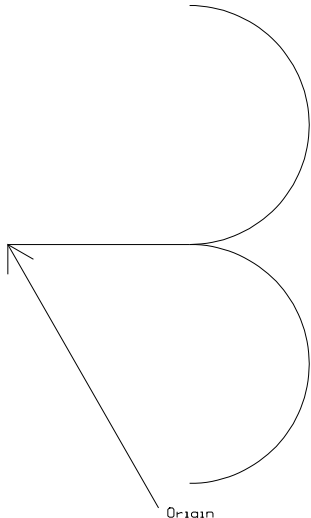
## V8 CITY EXISTING.CEL

	
<p><b>NAME: CTR DW</b></p> <p><b>DESCRIPTION: CENTER OF DRIVE WAY</b></p>	<p><b>NAME: DATE STAMP</b></p> <p><b>DESCRIPTION: DATE STAMP</b></p>
	
<p><b>NAME: DEFAULT</b></p> <p><b>DESCRIPTION: DEFAULT</b></p>	<p><b>NAME: DLT</b></p> <p><b>DESCRIPTION: DAYLIGHT LINE</b></p>

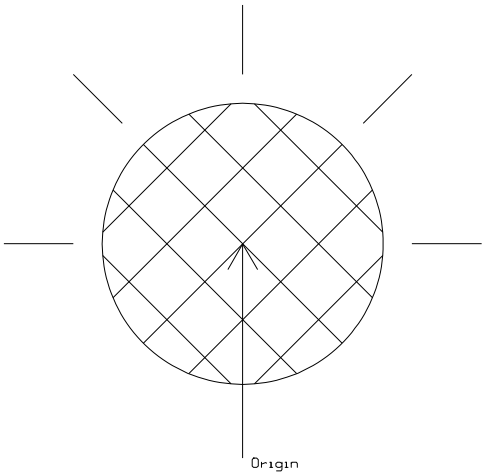
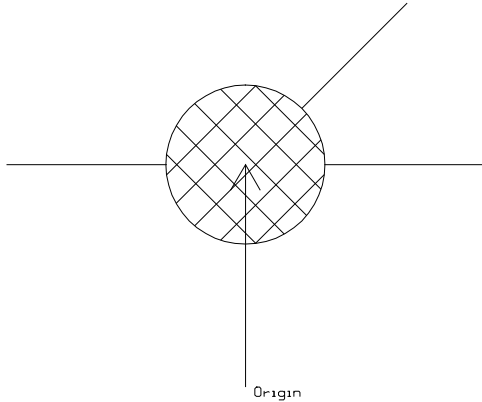
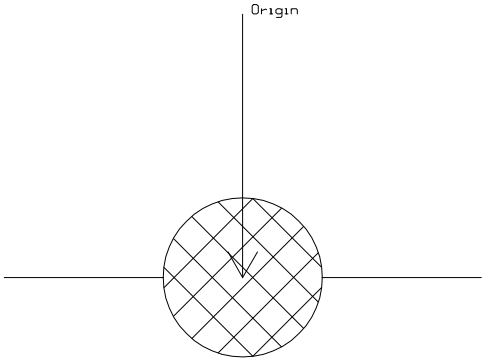
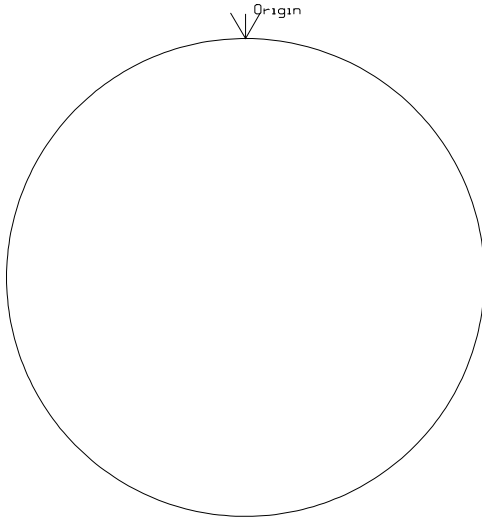
## V8 CITY EXISTING.CEL

	
<p><b>NAME: EDGE AC</b></p> <p><b>DESCRIPTION: EDGE OF ASPHALT CONCRETE</b></p>	<p><b>NAME: EDGE CONC</b></p> <p><b>DESCRIPTION: EDGE OF CONCRETE</b></p>
	
<p><b>NAME: EDGE OF PAVEMENT</b></p> <p><b>DESCRIPTION: EDGE OF PAVEMENT SYMBOL</b></p>	<p><b>NAME: ELEC MH VLT</b></p> <p><b>DESCRIPTION: ELECTRIC MANHOLE - VAULT</b></p>

## V8 CITY EXISTING.CEL

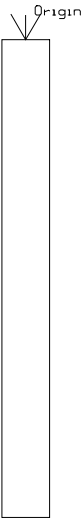

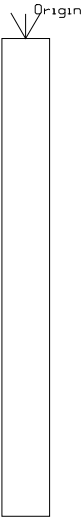

	
<p><b>NAME: ELEC MKOUT</b></p> <p><b>DESCRIPTION: ELECTRIC MARK OUT</b></p>	<p><b>NAME: ELEC POLE</b></p> <p><b>DESCRIPTION: ELECTRIC POLE</b></p>
	
<p><b>NAME: ELEC POLE ANCR</b></p> <p><b>DESCRIPTION: ELECTRIC POLE ANCHOR</b></p>	<p><b>NAME: ELEC POLE DEADMAN</b></p> <p><b>DESCRIPTION: ELECTRIC POLE DEADMAN</b></p>

## V8 CITY EXISTING.CEL

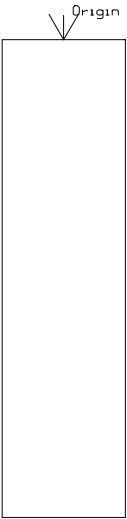


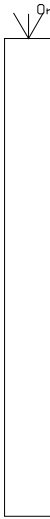
	
<p><b>NAME: ELEC POLE W ST LT</b></p> <p><b>DESCRIPTION: ELECTRIC POLE W/STREET LIGHT</b></p>	<p><b>NAME: ELEC POLE W UG</b></p> <p><b>DESCRIPTION: ELECTRIC POLE W/UNDERGROUND</b></p>
	
<p><b>NAME: ELEC POWER POLE</b></p> <p><b>DESCRIPTION: ELECTRIC POWER POLE</b></p>	<p><b>NAME: ELEC PROF</b></p> <p><b>DESCRIPTION: ELECTRIC PROFILE</b></p>





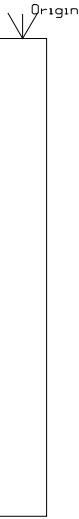
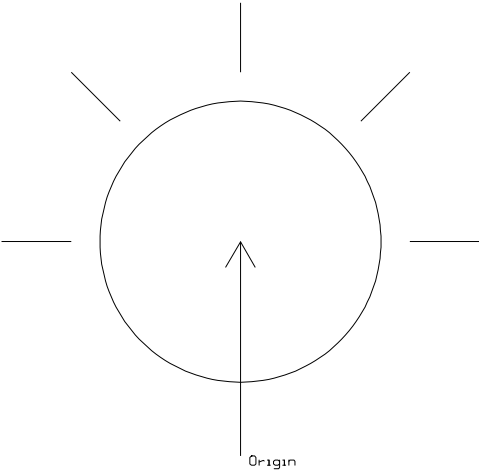
V8 CITY EXISTING.CEL

	
<p>NAME: ELEC PROF 2X2</p> <p>DESCRIPTION: ELECTRIC DUCTS PROFILE 2X2</p>	<p>NAME: ELEC PROF 3X2</p> <p>DESCRIPTION: ELECTRIC DUCTS PROFILE 3X2</p>
	
<p>NAME: ELEC PROF 3X3</p> <p>DESCRIPTION: ELECTRIC DUCTS PROFILE 3X3</p>	<p>NAME: ELEC PROF 3X5</p> <p>DESCRIPTION: ELECTRIC DUCTS PROFILE 3X5</p>

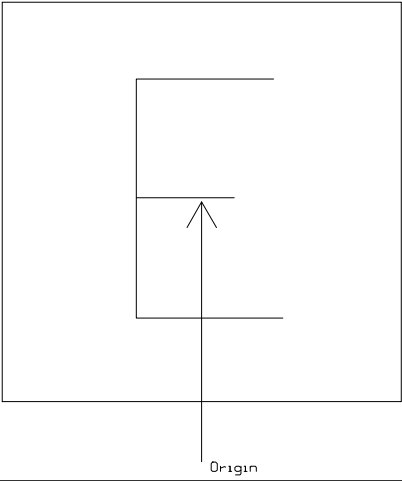
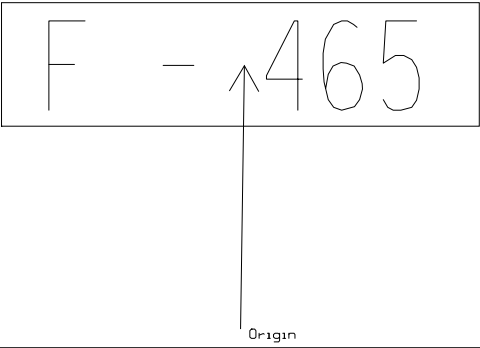
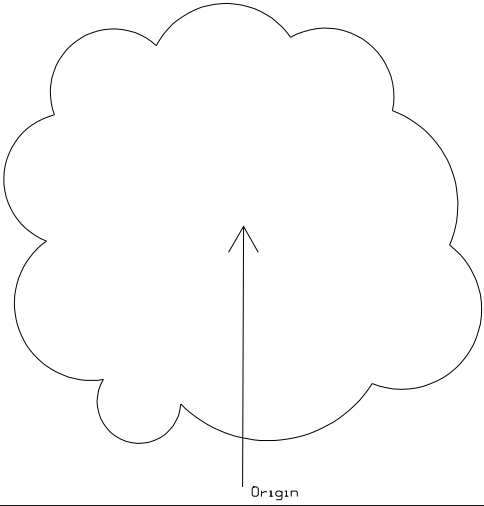
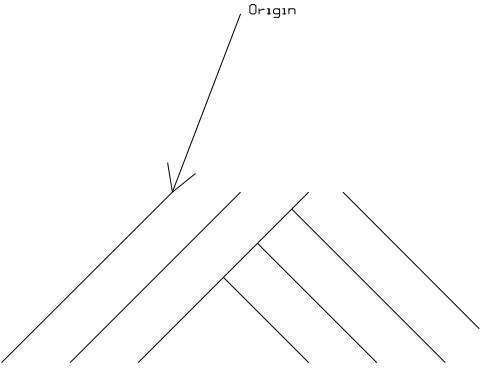
## V8 CITY EXISTING.CEL

	
<p>NAME: ELEC PROF 4X1</p> <p>DESCRIPTION: ELECTRIC DUCTS PROFILE 4X1</p>	<p>NAME: ELEC PROF 4X3</p> <p>DESCRIPTION: ELECTRIC DUCTS PROFILE 4X3</p>
	
<p>NAME: ELEC PROF 4X4</p> <p>DESCRIPTION: ELECTRIC DUCTS PROFILE 4X4</p>	<p>NAME: ELEC PROF 5X5</p> <p>DESCRIPTION: ELECTRIC DUCTS PROFILE 5X5</p>

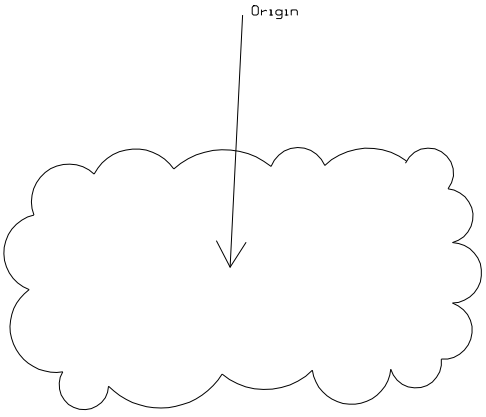
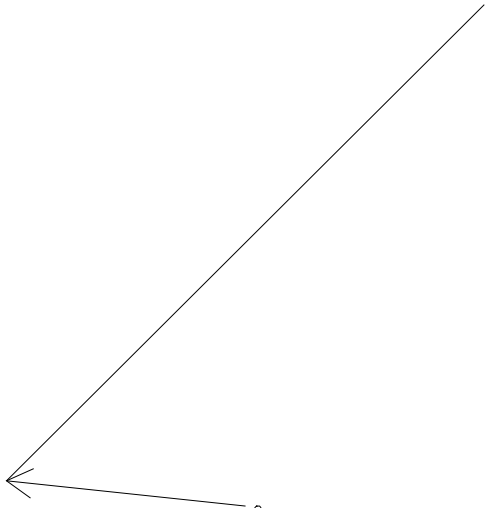

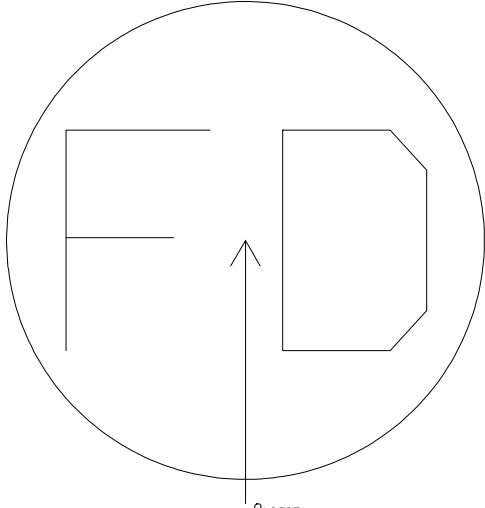
V8 CITY EXISTING.CEL

	
<p>NAME: ELEC PROF 5X6</p> <p>DESCRIPTION: ELECTRIC DUCTS PROFILE 5X6</p>	<p>NAME: ELEC PROF 6X4</p> <p>DESCRIPTION: ELECTRIC DUCTS PROFILE 6X4</p>
	
<p>NAME: ELEC PROF 6X6</p> <p>DESCRIPTION: ELECTRIC DUCTS PROFILE 6X6</p>	<p>NAME: ELEC STREET LT</p> <p>DESCRIPTION: ELECTRIC STREET LIGHT</p>

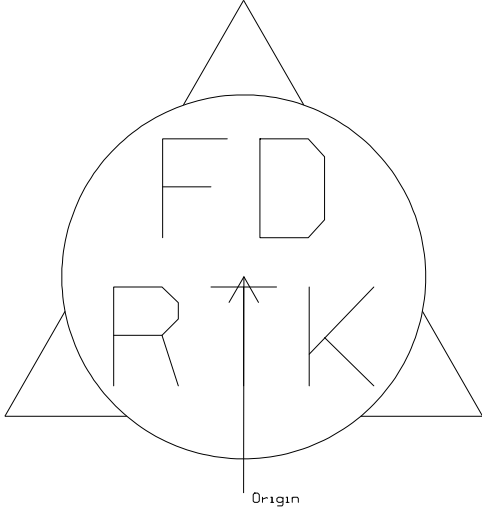
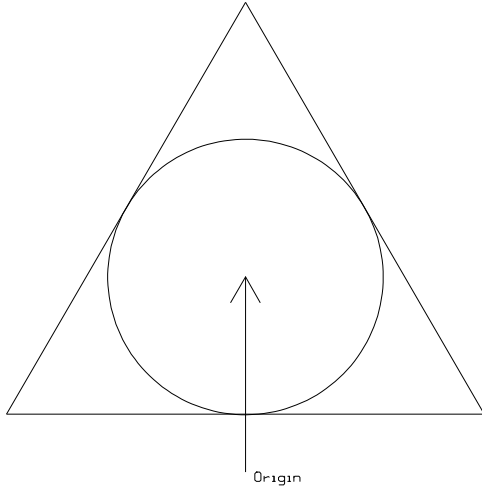
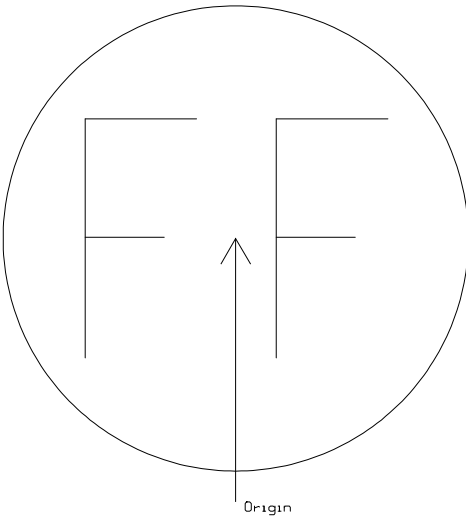
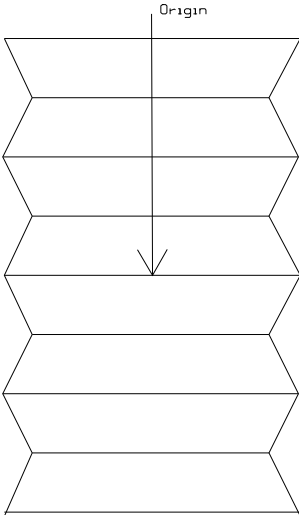
## V8 CITY EXISTING.CEL

	
<p><b>NAME: ELEC STRUCT</b></p> <p><b>DESCRIPTION: ELECRIE PB-RISER-TRAINS</b></p>	<p><b>NAME: EQUIP CALL OUT</b></p> <p><b>DESCRIPTION: EQUIPMENT CALLOUT</b></p>
	
<p><b>NAME: EX BUSH</b></p> <p><b>DESCRIPTION: EXISTING BUSH</b></p>	<p><b>NAME: EX GROUND</b></p> <p><b>DESCRIPTION: EXISTING GROUND</b></p>

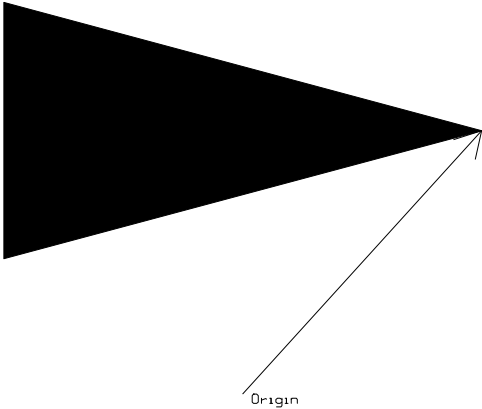
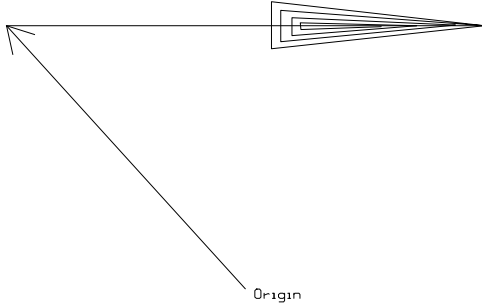
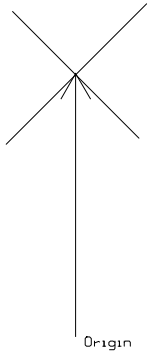
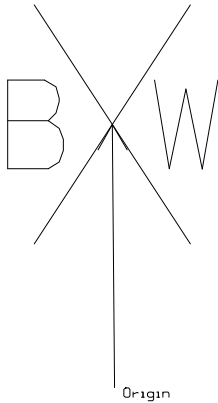
## V8 CITY EXISTING.CEL

	
<p><b>NAME: EX LONG BUSH</b></p> <p><b>DESCRIPTION: EXISTING LONG BUSH</b></p>	<p><b>NAME: EX PAVEMENT</b></p> <p><b>DESCRIPTION: EX PAVEMENT SYMBOL</b></p>
	
<p><b>NAME: FD GPS PT</b></p> <p><b>DESCRIPTION: FOUND GPS POINT</b></p>	<p><b>NAME: FD PT</b></p> <p><b>DESCRIPTION: FOUND SURVEY POINT</b></p>

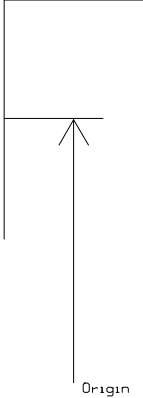
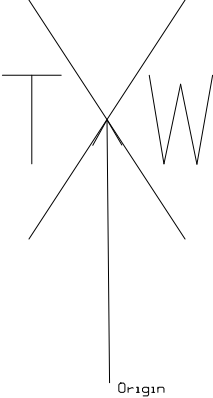
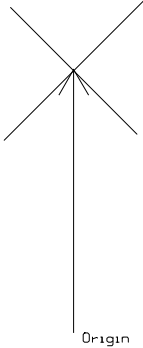
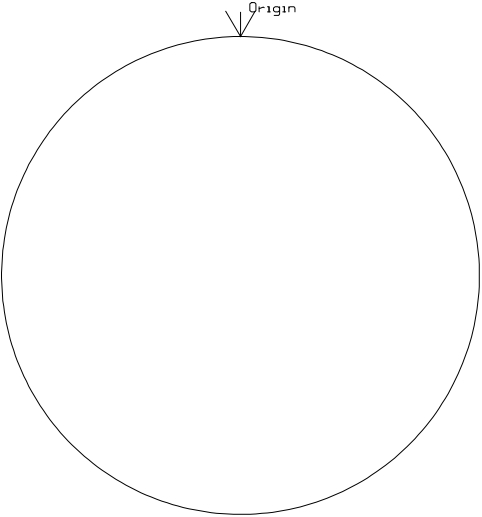
## V8 CITY EXISTING.CEL

	
<p><b>NAME: FD RTK PT</b></p> <p><b>DESCRIPTION: FOUND RTK POINT</b></p>	<p><b>NAME: FD WEL MON</b></p> <p><b>DESCRIPTION: FOUND WELL MONUMENT</b></p>
	
<p><b>NAME: FIN FLR</b></p> <p><b>DESCRIPTION: FINISHED FLOOR</b></p>	<p><b>NAME: FLEX CON</b></p> <p><b>DESCRIPTION: FLEXIBLE CONDUIT</b></p>

## V8 CITY EXISTING.CEL

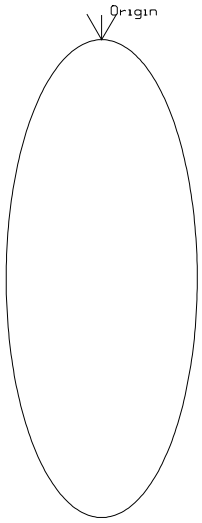
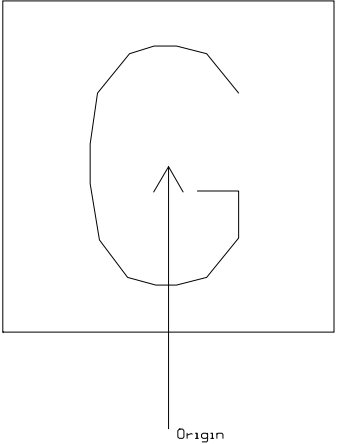
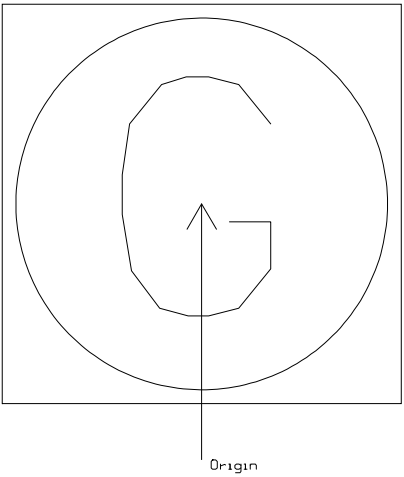
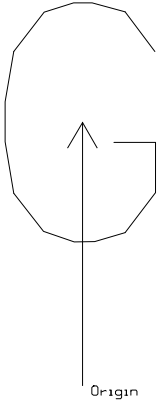
	
<p><b>NAME: FLOW ARROW</b></p> <p><b>DESCRIPTION: FLOW DIAGRAM ARROWHEAD</b></p>	<p><b>NAME: FLOW ARROW GUTTER</b></p> <p><b>DESCRIPTION: GUTTER FLOW ARROW 20</b></p>
	
<p><b>NAME: FNC BRN PT</b></p> <p><b>DESCRIPTION: FENCE POINT (BROWN)</b></p>	<p><b>NAME: FNC BW</b></p> <p><b>DESCRIPTION: FENCE BOTTOM OF WALL</b></p>

## V8 CITY EXISTING.CEL

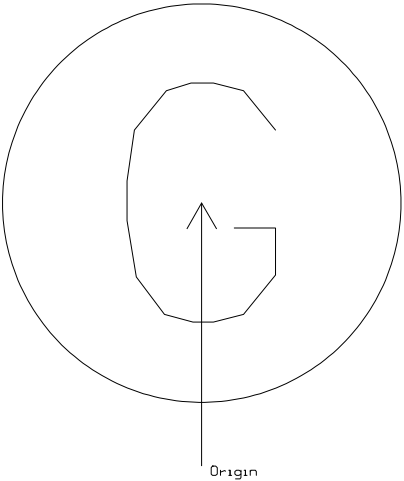
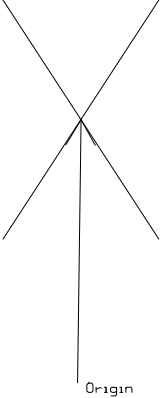
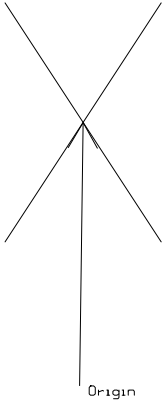
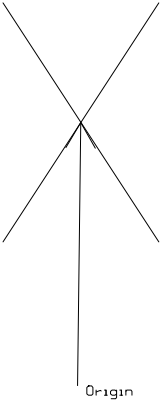
	
<p><b>NAME: FNC TF</b></p> <p><b>DESCRIPTION: FENCE TOP OF FOOTING POINT</b></p>	<p><b>NAME: FNC TW</b></p> <p><b>DESCRIPTION: FENCE TOP OF WALL</b></p>
	
<p><b>NAME: FNC WT PT</b></p> <p><b>DESCRIPTION: FENCE POINT (WHITE)</b></p>	<p><b>NAME: GAS 1.5 PROF</b></p> <p><b>DESCRIPTION: GAS 1.5" HP PROFILE</b></p>



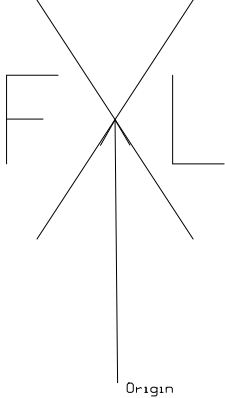
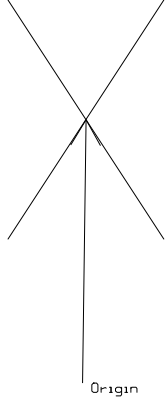
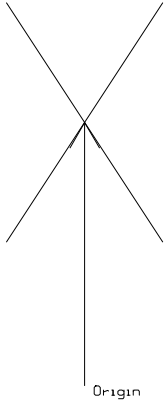
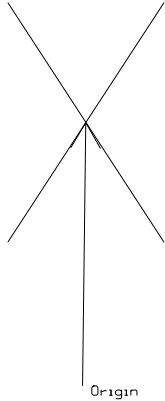
## V8 CITY EXISTING.CEL

	
<p><b>NAME: GAS 6 PROF</b></p> <p><b>DESCRIPTION: GAS 6" HP PROF</b></p>	<p><b>NAME: GAS METER</b></p> <p><b>DESCRIPTION: GAS METER</b></p>
	
<p><b>NAME: GAS MH VLT</b></p> <p><b>DESCRIPTION: GAS MANHOLE - VAULT</b></p>	<p><b>NAME: GAS MKOUT</b></p> <p><b>DESCRIPTION: GAS MARK OUT</b></p>

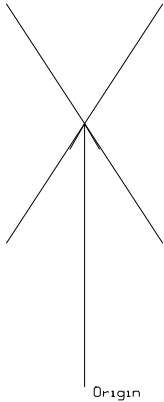
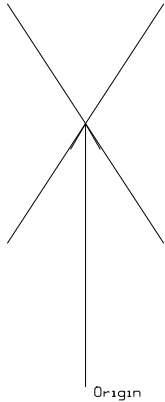
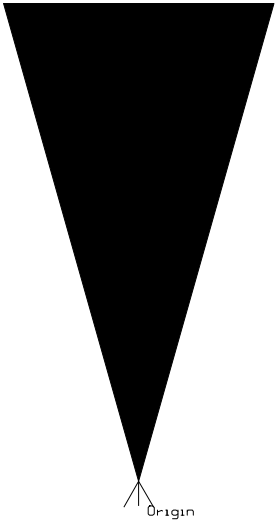
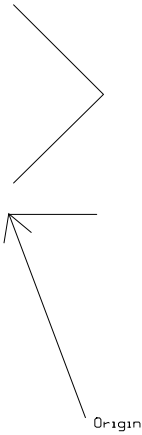
## V8 CITY EXISTING.CEL

	
<p><b>NAME: GAS VALVE</b></p> <p><b>DESCRIPTION: GAS GATE VALVE</b></p>	<p><b>NAME: GB AC</b></p> <p><b>DESCRIPTION: GRADE BREAK ASPHALT</b></p>
	
<p><b>NAME: GB CONC</b></p> <p><b>DESCRIPTION: GRADE BREAK CONCRETE</b></p>	<p><b>NAME: GB DRT</b></p> <p><b>DESCRIPTION: GRADE BREAK DIRT</b></p>

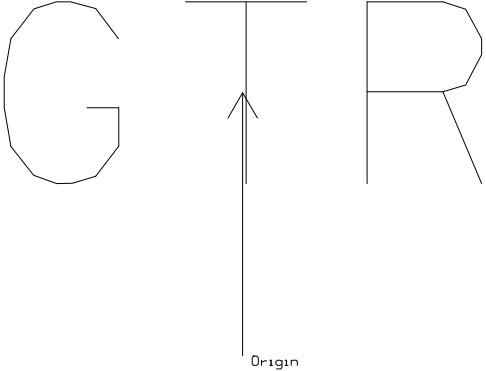
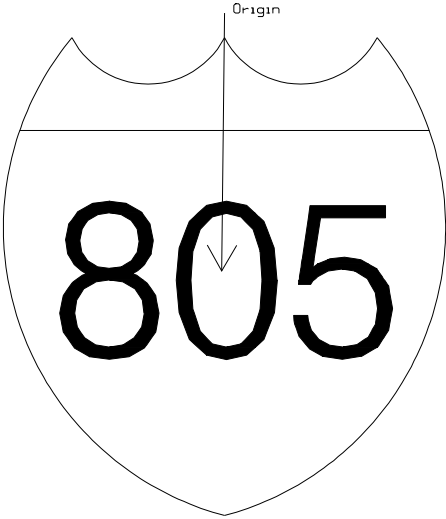
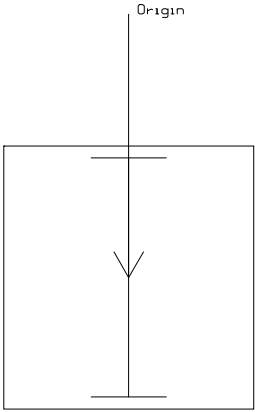
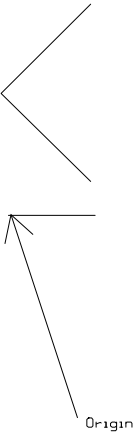
## V8 CITY EXISTING.CEL

	
<p><b>NAME: GB FL</b></p> <p><b>DESCRIPTION: GRADE BREAK FLOW LINE</b></p>	<p><b>NAME: GB GRS</b></p> <p><b>DESCRIPTION: GRADE BREAK GRASS</b></p>
	
<p><b>NAME: GB RPRP</b></p> <p><b>DESCRIPTION: GRADE BREAK RIP RAP</b></p>	<p><b>NAME: GB SND LN</b></p> <p><b>DESCRIPTION: GRADE BREAK SOUNDING LINE</b></p>

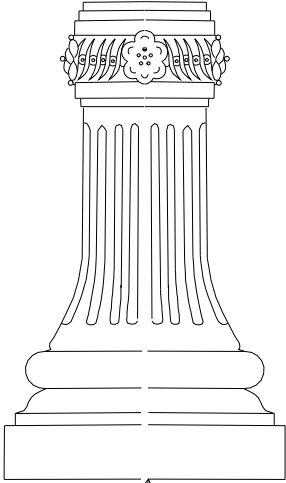
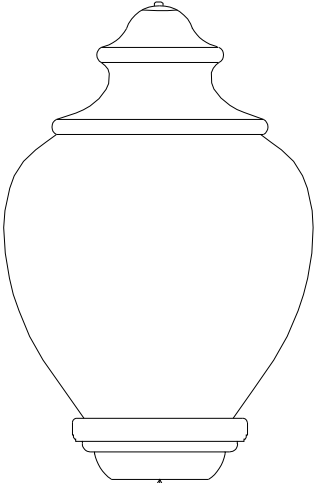
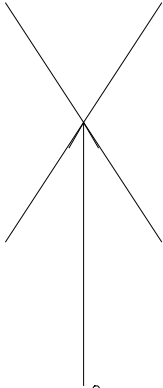
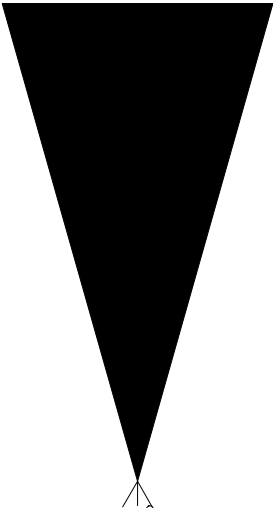
## V8 CITY EXISTING.CEL

	
<p><b>NAME: GB TOE SLP</b></p> <p><b>DESCRIPTION: GRADE BREAK TOE OF SLOPE</b></p>	<p><b>NAME: GB TOP SLP</b></p> <p><b>DESCRIPTION: GRADE BREAK TOP OF SLOPE</b></p>
	
<p><b>NAME: GB TRD STRM</b></p> <p><b>DESCRIPTION: GRADE BREAK THREAD OF STREAM</b></p>	<p><b>NAME: GREAT OR EQ</b></p> <p><b>DESCRIPTION: GREATER OR EQUAL</b></p>

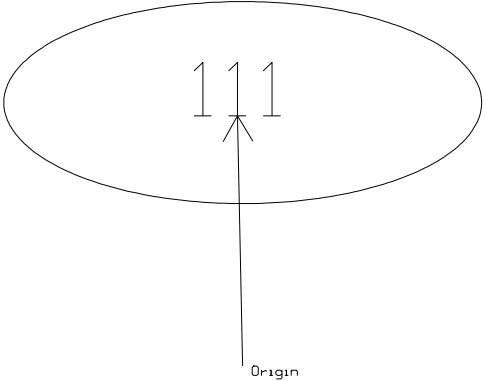
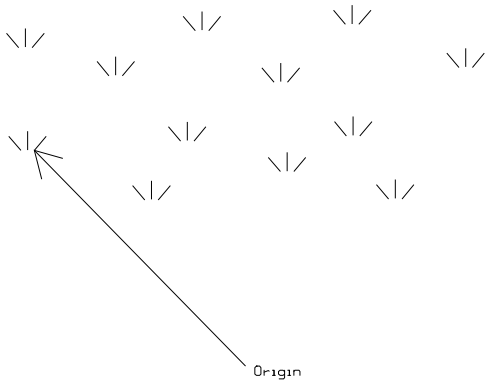
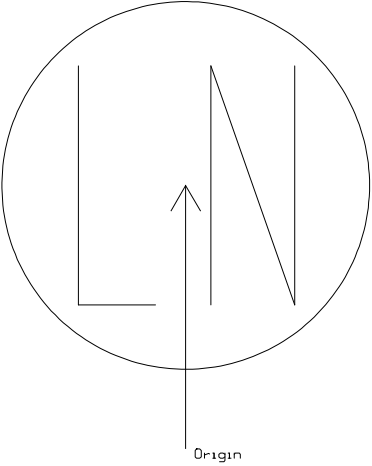
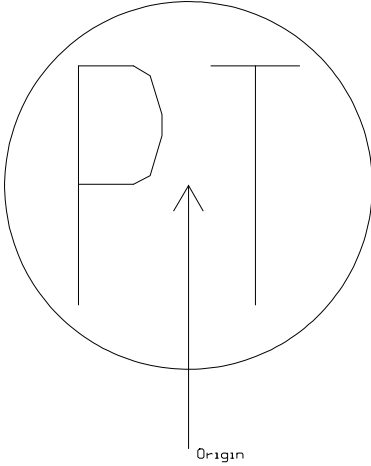
## V8 CITY EXISTING.CEL

	
<p><b>NAME: GUTTER</b></p> <p><b>DESCRIPTION: GUTTER</b></p>	<p><b>NAME: HWY SYM</b></p> <p><b>DESCRIPTION: HIGHWAY SYMBOL</b></p>
	
<p><b>NAME: IRR CONTROL BX</b></p> <p><b>DESCRIPTION: IRRIGATION CONTROL BOX</b></p>	<p><b>NAME: LESS OR EQ</b></p> <p><b>DESCRIPTION: LESS OR EQUAL</b></p>

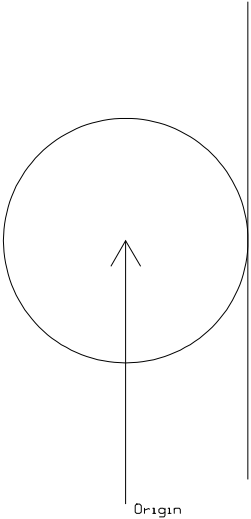
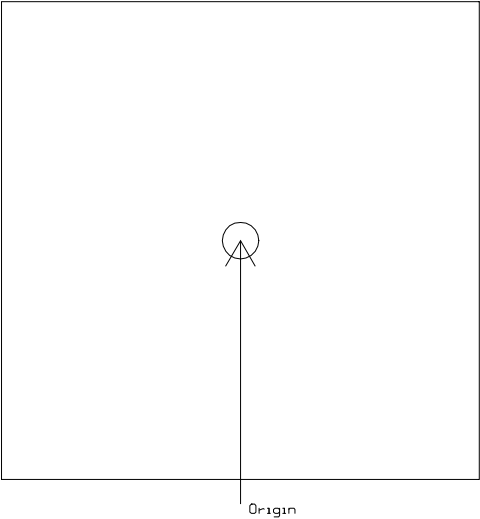
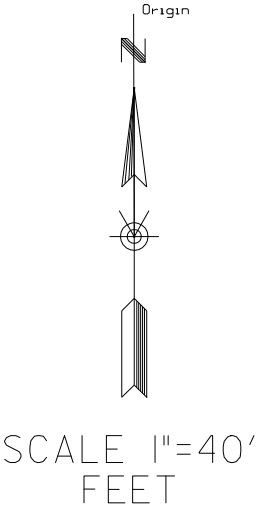
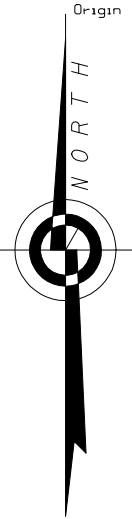
## V8 CITY EXISTING.CEL

 <p>Origin</p>	 <p>Origin</p>
<p><b>NAME: LIGHT BASE ORNATE</b></p> <p><b>DESCRIPTION: LIGHT BASE ORNATE</b></p>	<p><b>NAME: LIGHT FIX ORNATE</b></p> <p><b>DESCRIPTION: ORNATE LIGHT FIXTURE</b></p>
 <p>Origin</p>	 <p>Origin</p>
<p><b>NAME: LIP</b></p> <p><b>DESCRIPTION: LIP LINE</b></p>	<p><b>NAME: LK EDG WTR</b></p> <p><b>DESCRIPTION: LAKE EDGE OF WATER</b></p>

## V8 CITY EXISTING.CEL

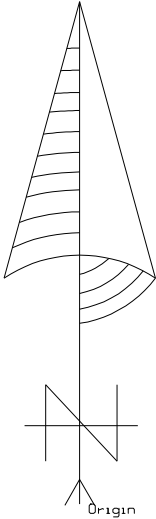
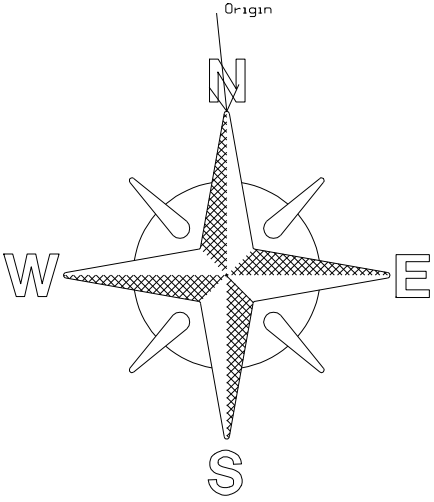

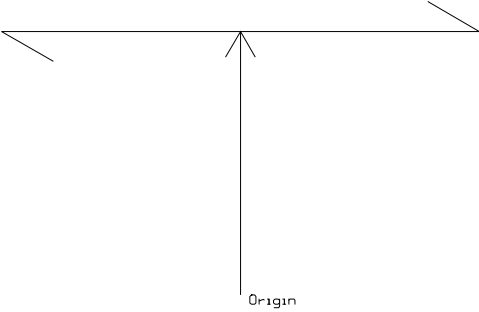
	
<p><b>NAME: MAP NUMBER</b></p> <p><b>DESCRIPTION: MAP NUMBER</b></p>	<p><b>NAME: MARSH</b></p> <p><b>DESCRIPTION: EXISTING MARSH</b></p>
	
<p><b>NAME: MISC LN</b></p> <p><b>DESCRIPTION: MISCELLANEOUS LINE</b></p>	<p><b>NAME: MISC PT</b></p> <p><b>DESCRIPTION: MISCELLANEOUS POINT</b></p>

## V8 CITY EXISTING.CEL

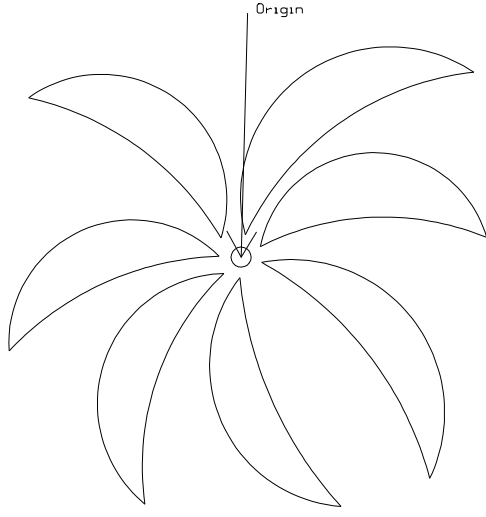
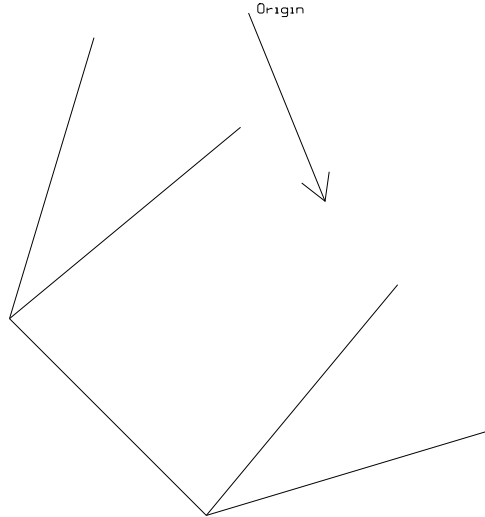
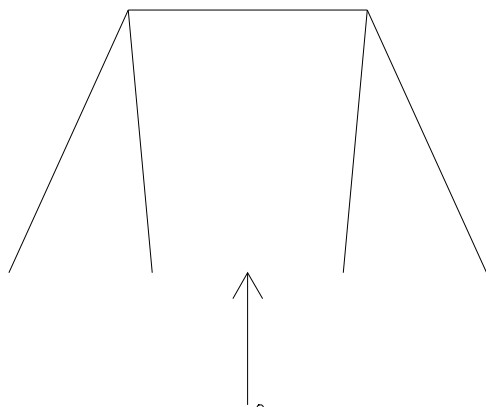

	
<p><b>NAME: MISC SIGN</b></p> <p><b>DESCRIPTION: MISCELLANEOUS SIGN</b></p>	<p><b>NAME: MOW STRP</b></p> <p><b>DESCRIPTION: MOW STRIP BOUNDARY</b></p>
	
<p><b>NAME: NORTH ARROW</b></p> <p><b>DESCRIPTION: NORTH ARROW</b></p>	<p><b>NAME: NORTH ARROW 1</b></p> <p><b>DESCRIPTION: NORTH ARROW 1</b></p>



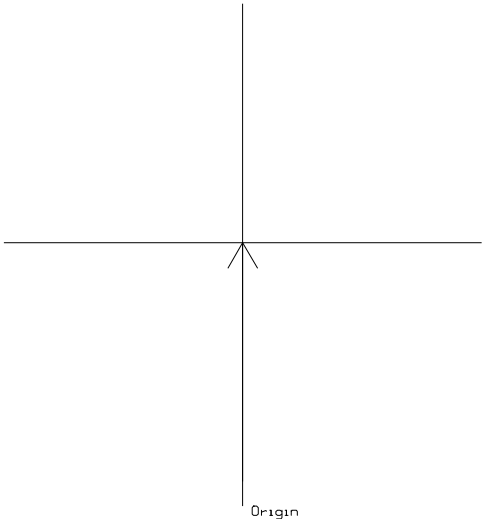
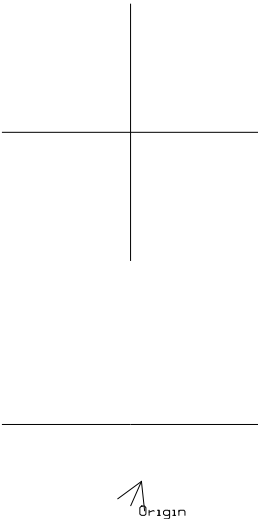
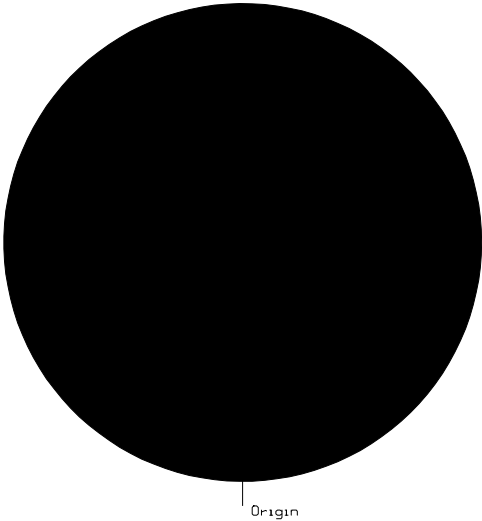

## V8 CITY EXISTING.CEL

	
<p><b>NAME: NORTH ARROW 2</b></p> <p><b>DESCRIPTION: NORTH ARROW 2</b></p>	<p><b>NAME: NORTH ARROW 3</b></p> <p><b>DESCRIPTION: NORTH ARROW 3</b></p>
	
<p><b>NAME: NORTH ARROW 4</b></p> <p><b>DESCRIPTION: NORTH ARROW 4</b></p>	<p><b>NAME: OWNERSHIP LINE</b></p> <p><b>DESCRIPTION: OWNERSHIP LINE</b></p>

## V8 CITY EXISTING.CEL

	
<p><b>NAME: PALM TREE</b></p> <p><b>DESCRIPTION: PALM TREE</b></p>	<p><b>NAME: PED RAMP CRV</b></p> <p><b>DESCRIPTION: PED RAMP CURVED</b></p>
	
<p><b>NAME: PED RAMP ST</b></p> <p><b>DESCRIPTION: PED RAMP STRAIGHT</b></p>	<p><b>NAME: PLOT PATH</b></p> <p><b>DESCRIPTION: PLOT FILE PATH</b></p>

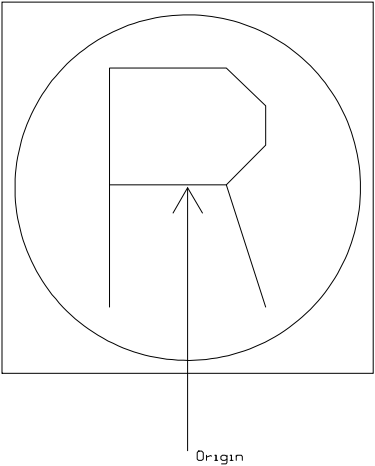
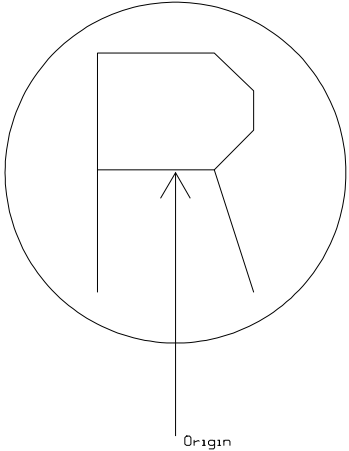
V8 CITY EXISTING.CEL

	
NAME: PLUS	NAME: PLUS MINUS
DESCRIPTION: PLUS OR GRID MARK	DESCRIPTION: PLUS MINUS SIGN
	
NAME: POT HOLE	NAME: PREDES SCOPE SYM
DESCRIPTION: POT HOLE	DESCRIPTION: SL CONSTRAINTS SYMBOLS

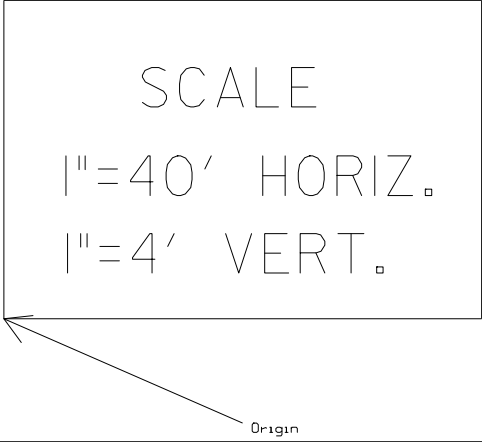
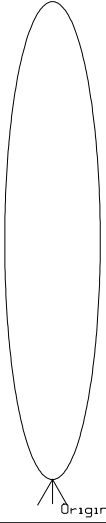


V8 CITY EXISTING.CEL

<p>PERDESIGN</p> <p>LEGEND</p> <p>PROPOSED SEWER REPLACEMENT/RE-ALIGNMENT</p> <p>PROPOSED SEWER REHABILITATION</p> <p>MANHOLE DEEPER THAN 10'</p> <p>EXISTING SEWER MAIN</p> <p>EXISTING SEWER LATERAL</p> <p>EXISTING SEWER FLOW</p> <p>SEWER LOT</p> <p>TO BE ABANDONED</p> <p>EXISTING MANHOLE</p> <p>EXISTING DROP MANHOLE</p> <p>PROPOSED SEWER MAIN DATA</p> <p>L - LENGTH IN FEET</p> <p>S - SLOPE IN PERCENTAGE</p> <p>D - PIPE DIAMETER IN INCHES</p> <p>Q - FLOW IN CFS</p> <p>D+4 - PERCENT FULL FLOW</p> <p>V - FLOW VELOCITY IN FPM</p> <p>PROPOSED SEWER MANHOLE DATA</p> <p>IN - MANHOLE</p> <p>E IN - EXISTING INVERT ELEVATION</p> <p>P IN - PROPOSED INVERT ELEVATION</p> <p>MB - MANHOLE BOX ELEVATION</p> <p>D - MANHOLE DEPTH IN FEET</p> <p>US - UNDERGROUND SAN LINE PARALLEL TO SEWER MAIN 0' OFFSET</p> <p>UP - UNDERGROUND FIBER OPTIC</p> <p>UT - UNDERGROUND TELEPHONE CONDUIT</p> <p>UC - UNDERGROUND TV CABLE CONDUIT</p> <p>UE - UNDERGROUND ELECTRICAL CONDUIT</p> <p>UD - UNDERGROUND DRAIN CONDUIT</p> <p>Origin</p>	<p>GROUP JOB 001 SEWER &amp; WATER CONSTRAINTS MAP SAN DIEGO COMMUNITY</p> <p>Origin</p>
<p>NAME: PREDES SWR SYM</p> <p>DESCRIPTION: PRE DESIGN SEWER SYMBOLS</p>	<p>NAME: PREDES TB INFO</p> <p>DESCRIPTION: PRE DESIGN TITLE BLOCK</p>
<p>LEGEND</p> <p>PROPOSED WATER MAIN</p> <p>EXISTING WATER MAIN</p> <p>EXISTING WATER SERVICE</p> <p>EXISTING WATER VALVE</p> <p>EXISTING WATER PUMP</p> <p>EXISTING REDUCER</p> <p>EXISTING PRESSURE REDUCING STATION</p> <p>EXISTING CLOSED GATE VALVE</p> <p>PRESSURE ZONE BOUNDARY</p> <p>FS - EXISTING FIRE SERVICE</p> <p>HI - EXISTING FIRE HYDRANT</p> <p>Origin</p>	<p>Origin</p>
<p>NAME: PREDES WTR SYM</p> <p>DESCRIPTION: PRE DESIGN WATER SYMBOL</p>	<p>NAME: RECYC WTR METER</p> <p>DESCRIPTION: RECYCLED WATER METER</p>

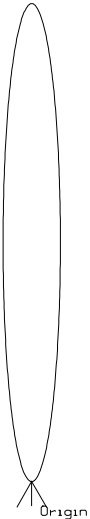


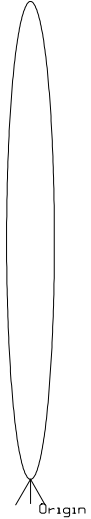
## V8 CITY EXISTING.CEL

	
<p><b>NAME: RECVC WTR MH</b></p> <p><b>DESCRIPTION: RECYCLED WATER MANHOLE</b></p>	<p><b>NAME: RECVC WTR VALVE</b></p> <p><b>DESCRIPTION: RECYCLED WATER VALVE</b></p>
<p>REFERENCE:</p> <p>← SURVEY: Chief, Index, Date, W0, WATER: SEWER: STORM DRAIN: GAS: ELECTRIC: CABLE TV: TELEPHONE: IMPROVEMENTS: WATER FIELD BOOK: SEWER FIELD BOOK: 100' SCALE: THOMAS BROS.:</p> <p>Origin</p>	<p>SCALE</p> <p>1"=20' HORIZ.</p> <p>1"=4' VERT.</p> <p>Origin</p>
<p><b>NAME: REF NOTES</b></p> <p><b>DESCRIPTION: REFERENCE NOTES</b></p>	<p><b>NAME: SCALE 20 PROF</b></p> <p><b>DESCRIPTION: SCALE 20 PROFILE</b></p>

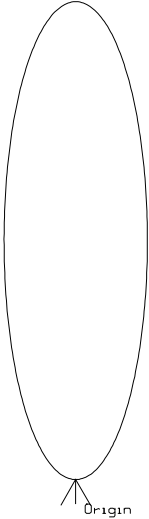
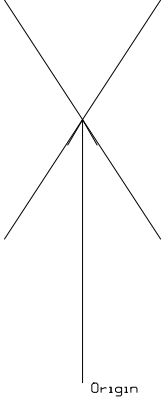
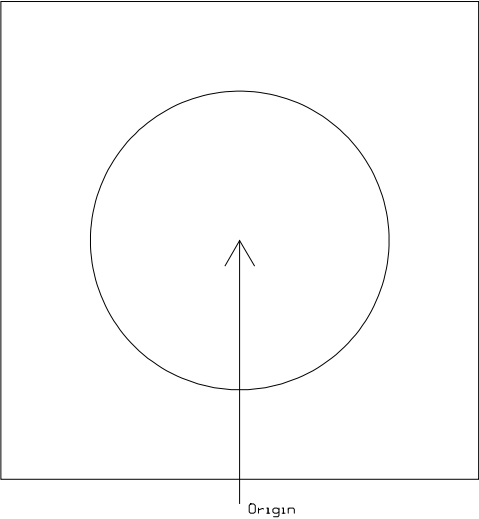
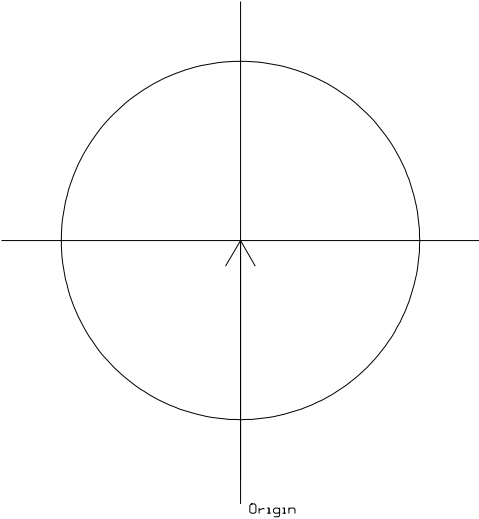
## V8 CITY EXISTING.CEL

	
<p><b>NAME: SCALE 40 PROF</b></p> <p><b>DESCRIPTION: SCALE 40 PROFILE</b></p>	<p><b>NAME: SD 12 PROF</b></p> <p><b>DESCRIPTION: STORM DRAIN 12" PROFILE</b></p>
	
<p><b>NAME: SD 18 PROF</b></p> <p><b>DESCRIPTION: STROM DRAIN 18" PROFILE</b></p>	<p><b>NAME: SD 24 PROF</b></p> <p><b>DESCRIPTION: STORM DRAIN 24" PROFILE</b></p>

## V8 CITY EXISTING.CEL

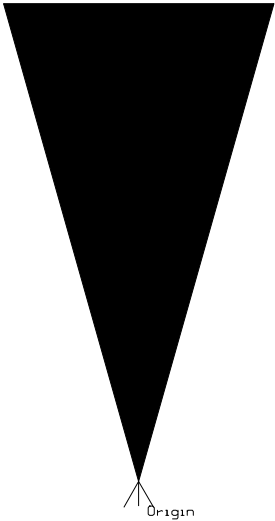
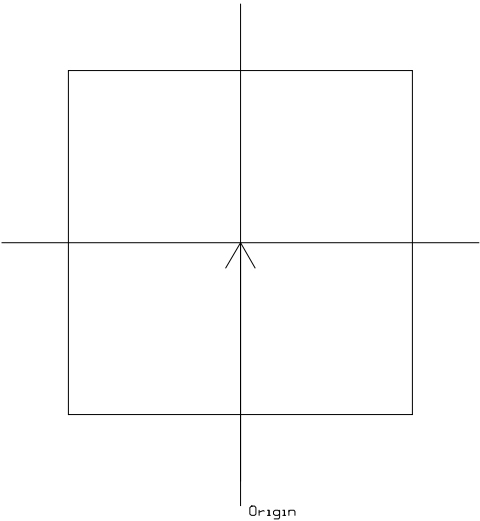
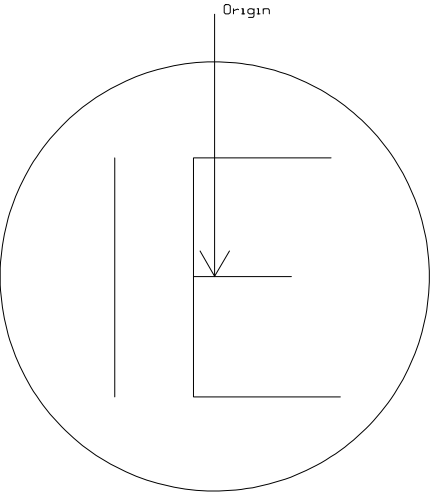
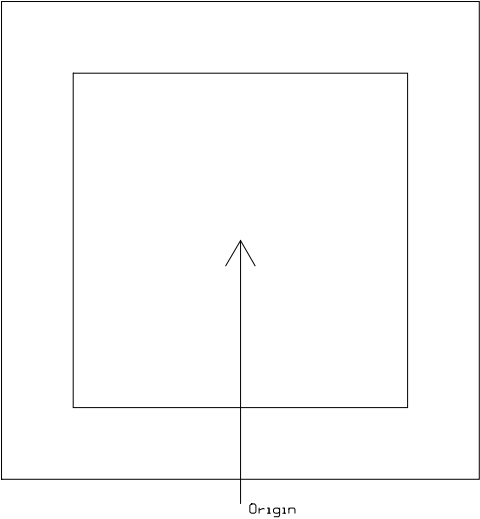
	
<b>NAME: SD 30 PROF</b>	<b>NAME: SD 36 PROF</b>
<b>DESCRIPTION: STORM DRAIN 30" PROFILE</b>	<b>DESCRIPTION: STORM DRAIN 36" PROFILE</b>
	
<b>NAME: SD 48 PROF</b>	<b>NAME: SD 54 PROF</b>
<b>DESCRIPTION: STORM DRAIN 48" PROFILE</b>	<b>DESCRIPTION: STORM DRAIN 54" PROFILE</b>

## V8 CITY EXISTING.CEL

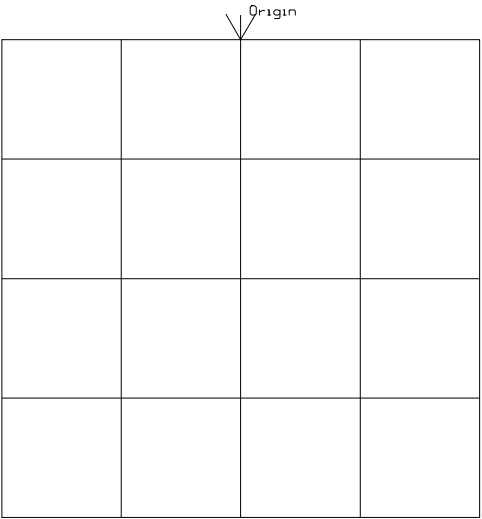
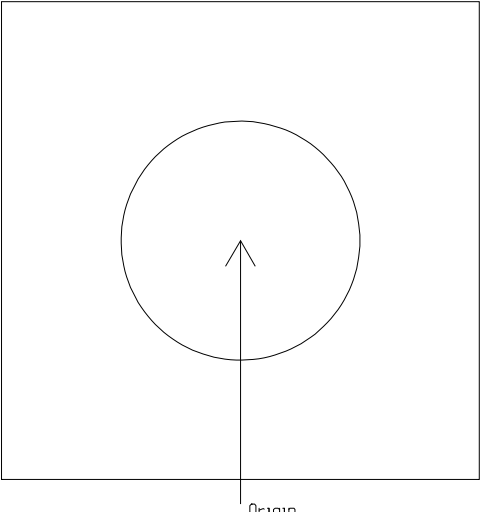
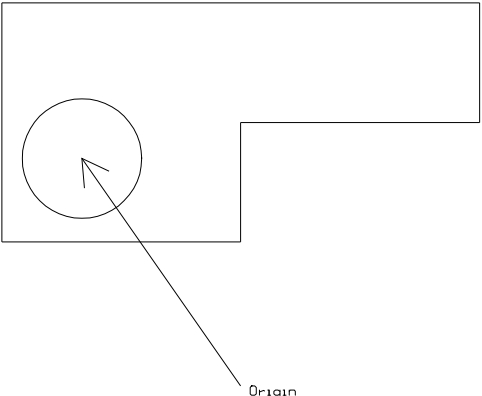
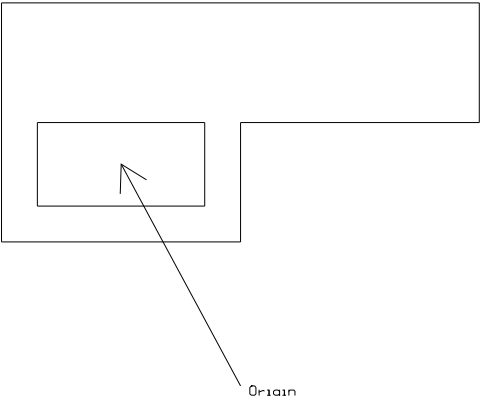
	
<p><b>NAME: SD 8 PROF</b></p> <p><b>DESCRIPTION: STROM DRAIN 8" PROFILE</b></p>	<p><b>NAME: SD BD</b></p> <p><b>DESCRIPTION: STORM DRAIN BROW DITCH</b></p>
	
<p><b>NAME: SD CO</b></p> <p><b>DESCRIPTION: STORM DRAIN CLEANOUT</b></p>	<p><b>NAME: SD CRS GUT</b></p> <p><b>DESCRIPTION: STORM DRAIN CROSS GUTTER</b></p>



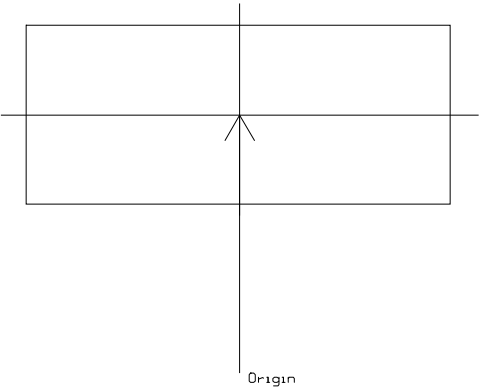
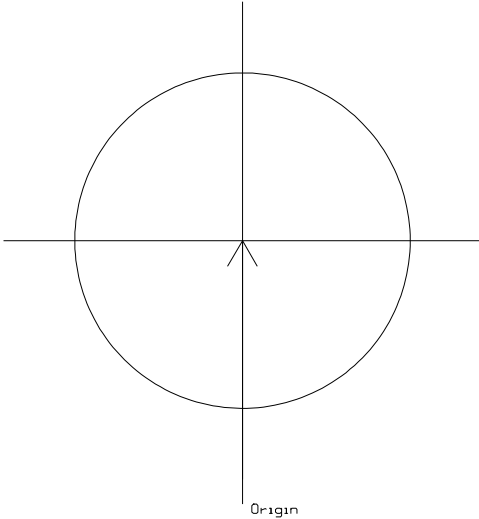
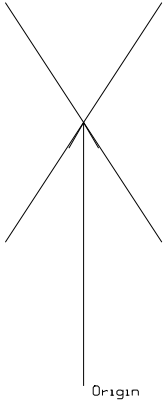

## V8 CITY EXISTING.CEL

	
<p><b>NAME: SD CULV</b></p> <p><b>DESCRIPTION: STORM DRAIN CULVERT</b></p>	<p><b>NAME: SD GRT INL</b></p> <p><b>DESCRIPTION: STORM DRAIN GRATE INLET</b></p>
	
<p><b>NAME: SD IE</b></p> <p><b>DESCRIPTION: STORM DRAIN INVERT ELEVATION</b></p>	<p><b>NAME: SD INLET</b></p> <p><b>DESCRIPTION: STORM DRAIN INLET</b></p>

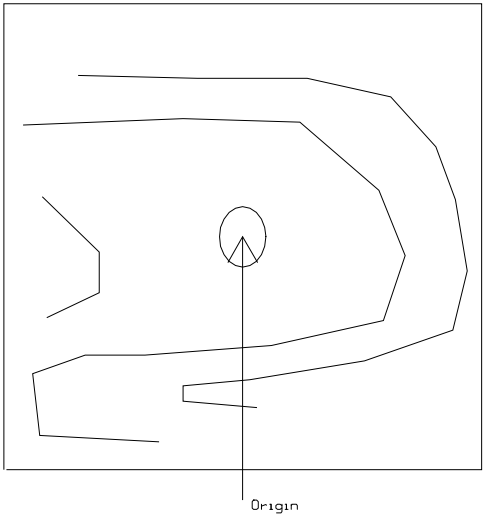
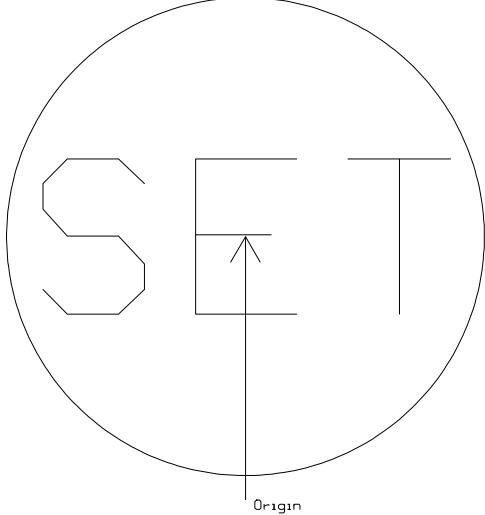
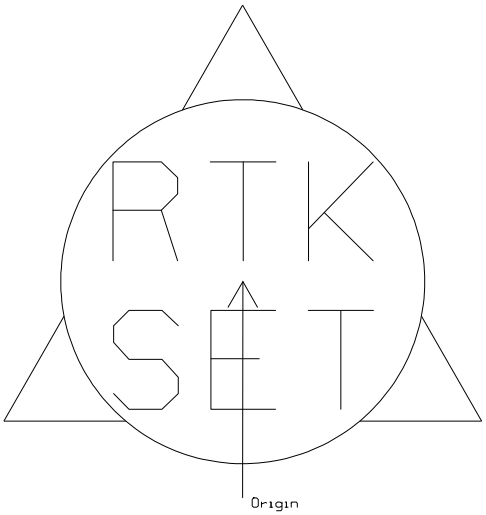
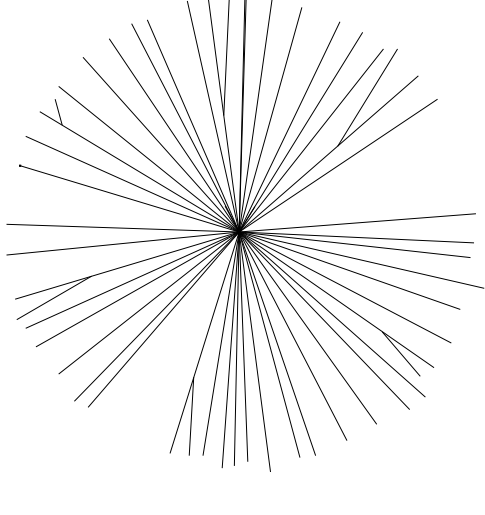
## V8 CITY EXISTING.CEL

	
<p><b>NAME: SD INLET TC</b></p> <p><b>DESCRIPTION: STORM DRAIN INLET AT TOP OF CURB</b></p>	<p><b>NAME: SD MH-CB</b></p> <p><b>DESCRIPTION: STORM DRAIN MANHOLE/CATCH BASIN</b></p>
	
<p><b>NAME: SD SD10</b></p> <p><b>DESCRIPTION: STORM DRAIN SD10</b></p>	<p><b>NAME: SD SD10 TYP CC</b></p> <p><b>DESCRIPTION: STORM DRAIN SD10 TYPE CC</b></p>

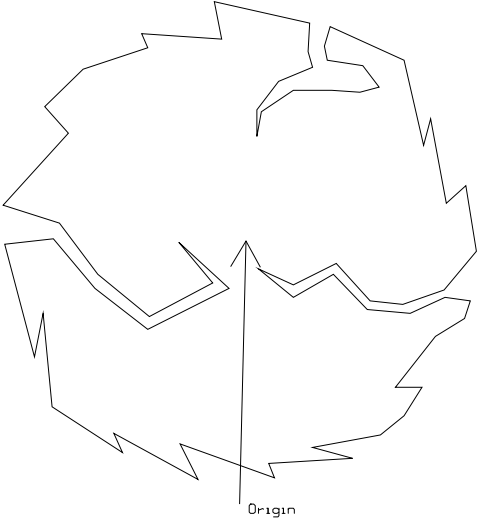
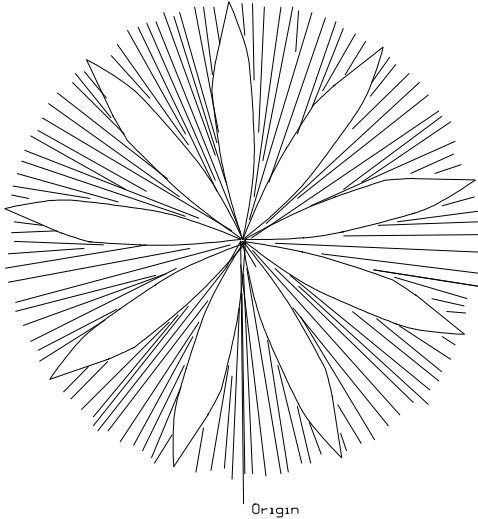
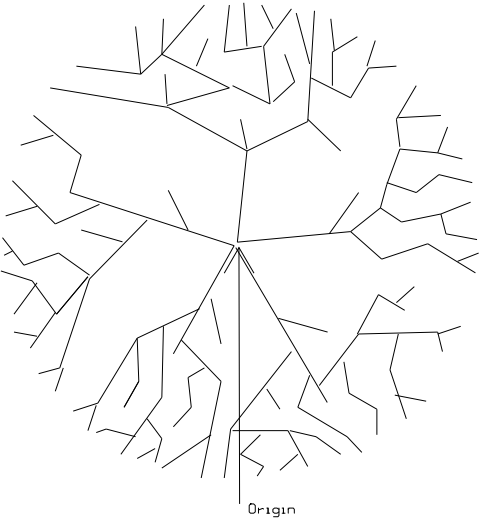
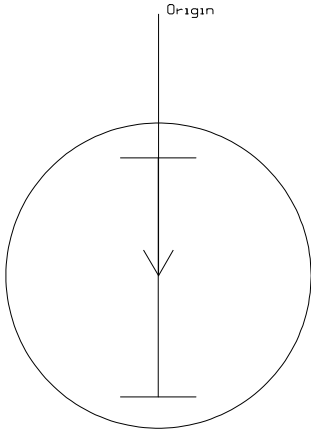
## V8 CITY EXISTING.CEL

	
<p><b>NAME: SD SLOT DRAIN</b></p> <p><b>DESCRIPTION: STORM DRAIN SLOTTED</b></p>	<p><b>NAME: SD SW DRAIN</b></p> <p><b>DESCRIPTION: STORM DRAIN SIDEWALK</b></p>
	
<p><b>NAME: SD SWL</b></p> <p><b>DESCRIPTION: STORM DRAIN SWALE</b></p>	<p><b>NAME: SET GPS</b></p> <p><b>DESCRIPTION: SET GPS POINT</b></p>

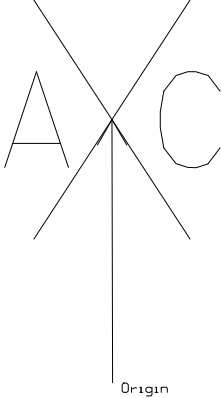
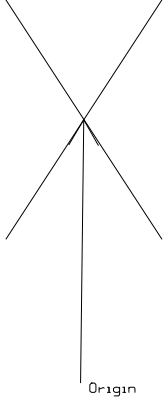
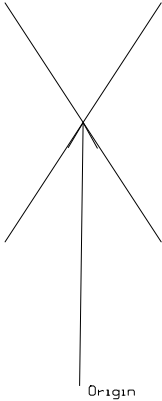
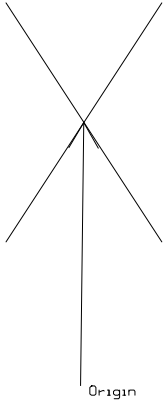
## V8 CITY EXISTING.CEL

	
<p><b>NAME: SET HUB</b></p> <p><b>DESCRIPTION: SET SURVEY HUB</b></p>	<p><b>NAME: SET PT</b></p> <p><b>DESCRIPTION: SET SURVEY POINT</b></p>
	
<p><b>NAME: SET RTK</b></p> <p><b>DESCRIPTION: SET RTK POINT</b></p>	<p><b>NAME: SHRUB1</b></p> <p><b>DESCRIPTION: SHURB PLAN VIEW</b></p>

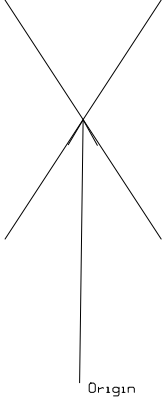
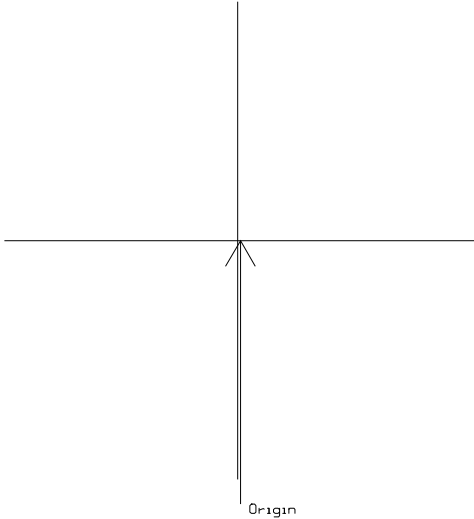
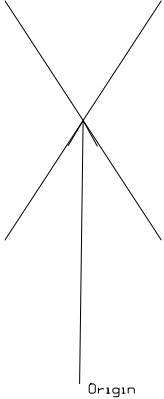
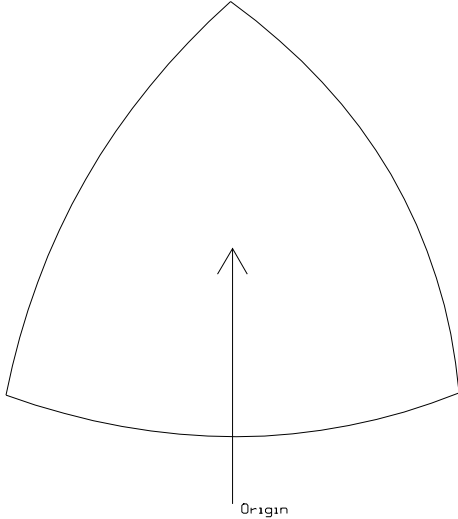
## V8 CITY EXISTING.CEL

	
<p><b>NAME: SHRUB2</b></p> <p><b>DESCRIPTION: SHRUB PLAN VIEW</b></p>	<p><b>NAME: SHRUB3</b></p> <p><b>DESCRIPTION: SHRUB PLAN VIEW</b></p>
	
<p><b>NAME: SHRUB4</b></p> <p><b>DESCRIPTION: SHRUB PLAN VIEW</b></p>	<p><b>NAME: SPRNK</b></p> <p><b>DESCRIPTION: SPRINKLER</b></p>

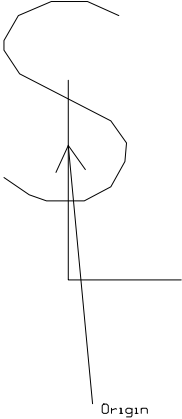
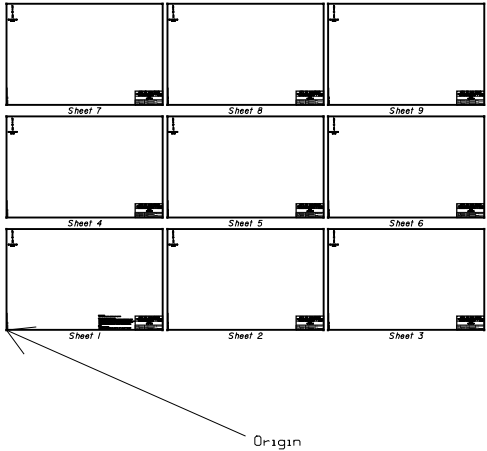
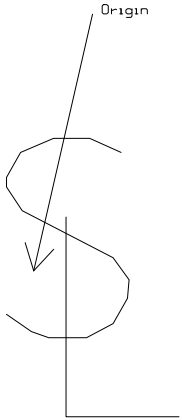
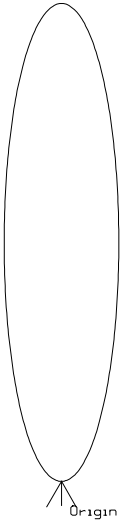
## V8 CITY EXISTING.CEL

	
<p><b>NAME: SPT EL AC</b></p> <p><b>DESCRIPTION: SPOT ELEVATION ASPHALT</b></p>	<p><b>NAME: SPT EL CNC</b></p> <p><b>DESCRIPTION: SPOT ELEVATION CONCRETE</b></p>
	
<p><b>NAME: SPT EL CTR DR</b></p> <p><b>DESCRIPTION: SPOT ELEVATION CENTER OF DOOR</b></p>	<p><b>NAME: SPT EL DRT</b></p> <p><b>DESCRIPTION: SPOT ELEVATION DIRT</b></p>

## V8 CITY EXISTING.CEL


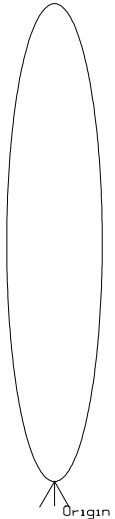


	
<p><b>NAME: SPT EL GRS</b></p> <p><b>DESCRIPTION: SPOT ELEVATION GRASS</b></p>	<p><b>NAME: SPT MISC</b></p> <p><b>DESCRIPTION: SPOT MISCELLANEOUS</b></p>
	
<p><b>NAME: SPT SND PNT</b></p> <p><b>DESCRIPTION: SPOT ELEVATION SOUNDING POINT</b></p>	<p><b>NAME: STATE ROUTE</b></p> <p><b>DESCRIPTION: STATE ROUTE SIGN</b></p>

## V8 CITY EXISTING.CEL




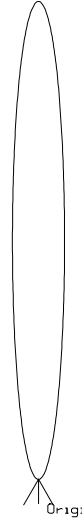
	
<p><b>NAME: SUR BL</b></p> <p><b>DESCRIPTION: SURVEY BASELINE</b></p>	<p><b>NAME: SUR PLOT SHT</b></p> <p><b>DESCRIPTION: SURVEY 40 SCALE</b></p>
	
<p><b>NAME: SURVEY LINE SYMBOL</b></p> <p><b>DESCRIPTION: SURVEY LINE SYMBOL</b></p>	<p><b>NAME: SWR 10 PROF</b></p> <p><b>DESCRIPTION: SEWER 10" PROFILE</b></p>




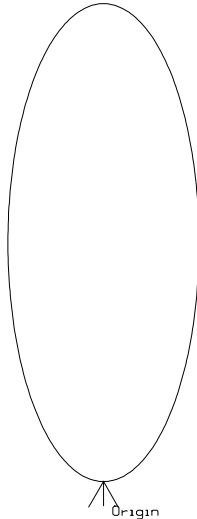


## V8 CITY EXISTING.CEL

	
<b>NAME: SWR 108 PORF</b>	<b>NAME: SWR 12 PROF</b>
<b>DESCRIPTION: SEWER 108" PROFILE</b>	<b>DESCRIPTION: SEWER 12" PROFILE</b>
	
<b>NAME: SWR 18 PROF</b>	<b>NAME: SWR 21 PROF</b>
<b>DESCRIPTION: SEWER 18" PROFILE</b>	<b>DESCRIPTION: SEWER 21" PROFILE</b>

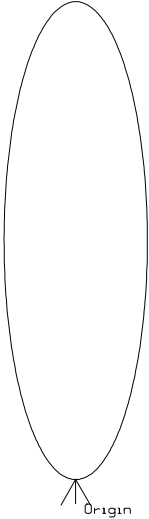


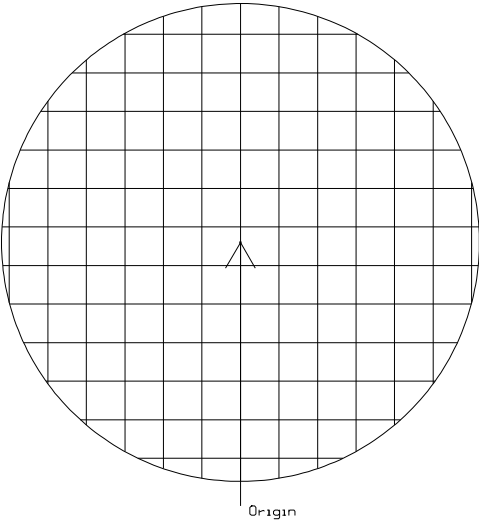
## V8 CITY EXISTING.CEL

	
NAME: SWR 24 PROF	NAME: SWR 27 PROF
DESCRIPTION: SEWER 24" PROFILE	DESCRIPTION: SEWER 27" PROFILE
	
NAME: SWR 30 PROF	NAME: SWR 33 PROF
DESCRIPTION: SEWER 30" PROFILE	DESCRIPTION: SEWER 33" PROFILE

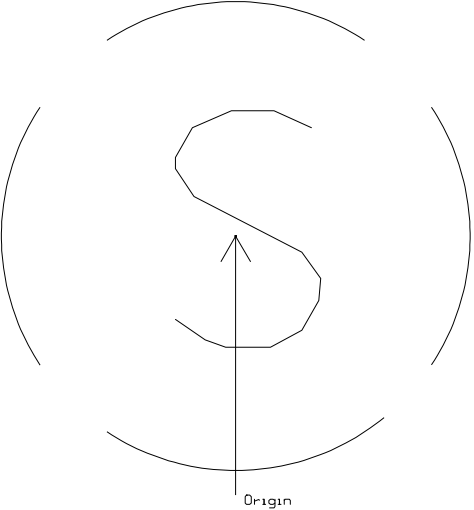

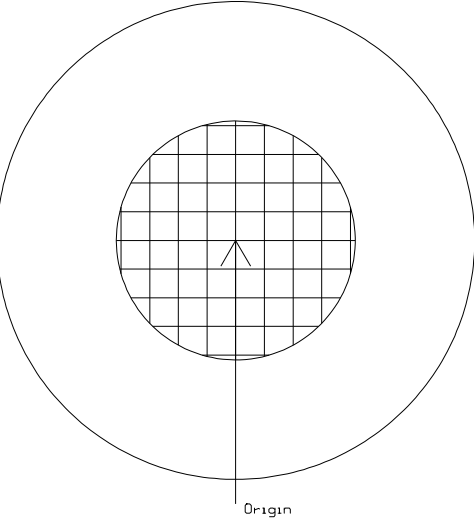
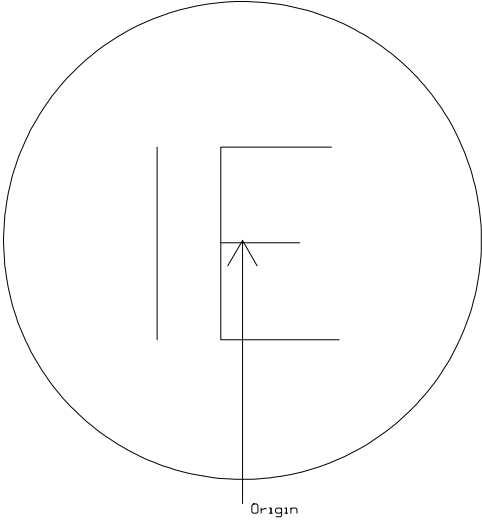
## V8 CITY EXISTING.CEL

	
<p><b>NAME: SWR 36 PROF</b></p> <p><b>DESCRIPTION: SEWER 36" PROFILE</b></p>	<p><b>NAME: SWR 6 PROF</b></p> <p><b>DESCRIPTION: SEWER 6" PROFILE</b></p>
	
<p><b>NAME: SWR 60 PROF</b></p> <p><b>DESCRIPTION: SEWER 60" PROFILE</b></p>	<p><b>NAME: SWR 66 PROF</b></p> <p><b>DESCRIPTION: SEWER 66" PROFILE</b></p>

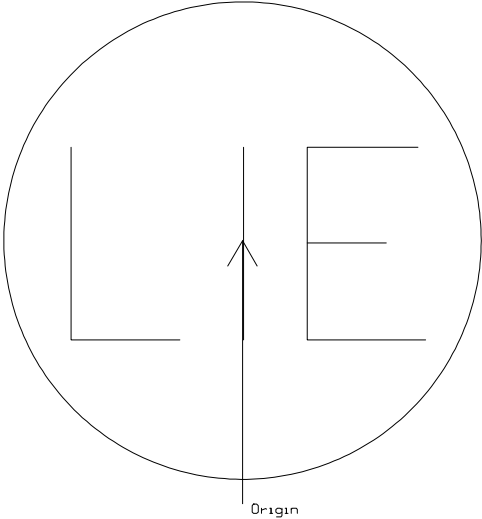
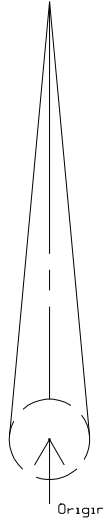
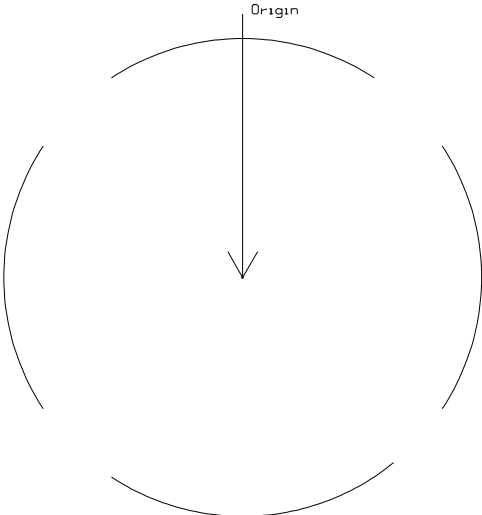
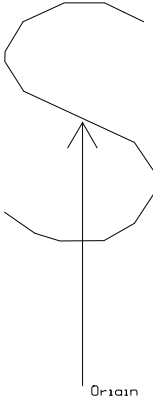
## V8 CITY EXISTING.CEL

	
<p><b>NAME: SWR 8 PROF</b></p> <p><b>DESCRIPTION: SEWER 8" PROFILE</b></p>	<p><b>NAME: SWR 87 PROF</b></p> <p><b>DESCRIPTION: SEWER 87" PROFILE</b></p>
	
<p><b>NAME: SWR 96 PROF</b></p> <p><b>DESCRIPTION: SEWER 96" PROFILE</b></p>	<p><b>NAME: SWR ABANDD MH</b></p> <p><b>DESCRIPTION: SEWER ABANDONED MANHOLE</b></p>


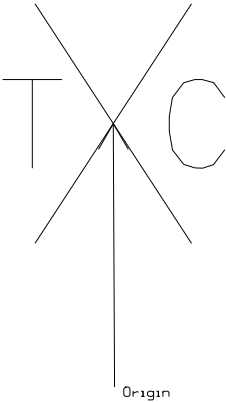
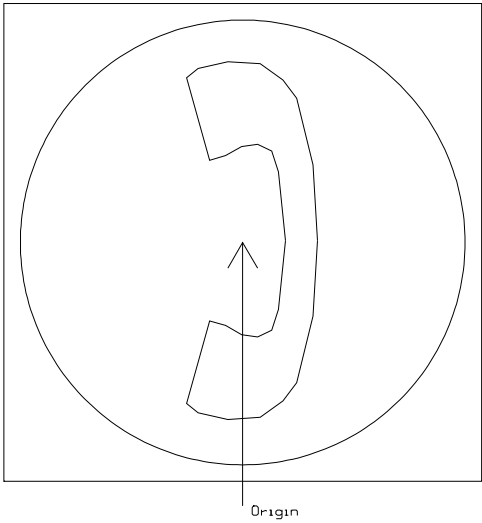
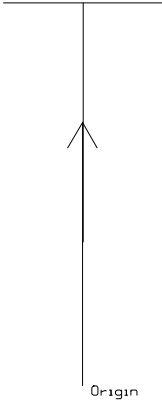
## V8 CITY EXISTING.CEL

	
<p><b>NAME: SWR CO</b></p> <p><b>DESCRIPTION: SEWER CLEANOUT</b></p>	<p><b>NAME: SWR CO PROF</b></p> <p><b>DESCRIPTION: SEWER CLEAN OUT PROFILE</b></p>
	
<p><b>NAME: SWR DROP MH</b></p> <p><b>DESCRIPTION: SEWER DROP MANHOLE</b></p>	<p><b>NAME: SWR IE</b></p> <p><b>DESCRIPTION: SEWER INVERT ELEVATION</b></p>

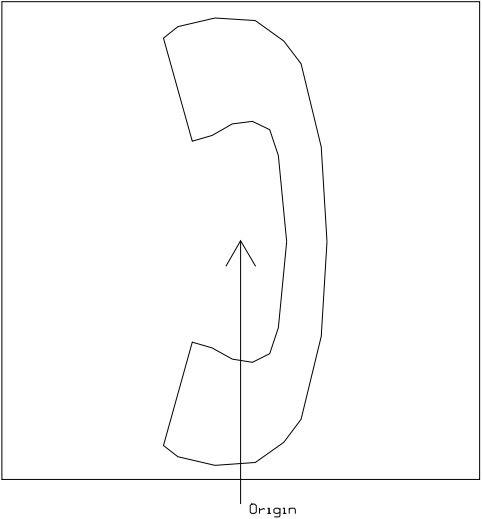
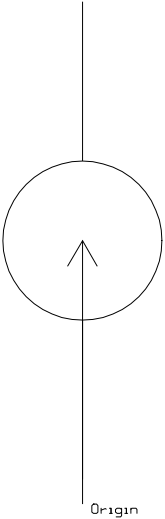
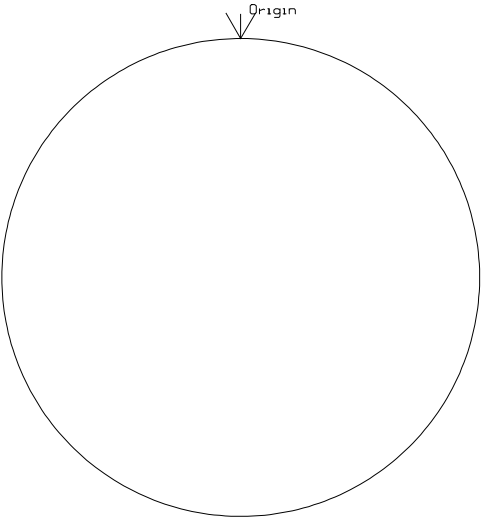

## V8 CITY EXISTING.CEL

	
<p><b>NAME: SWR LAT IE</b></p> <p><b>DESCRIPTION: SEWER LATERAL INVERT ELEVATION</b></p>	<p><b>NAME: SWR MANHOLE PROF</b></p> <p><b>DESCRIPTION: SEWER MANHOLE PROFILE</b></p>
	
<p><b>NAME: SWR MH</b></p> <p><b>DESCRIPTION: SEWER MANHOLE RIM</b></p>	<p><b>NAME: SWR MKOUT</b></p> <p><b>DESCRIPTION: SEWER MARKOUT</b></p>

## V8 CITY EXISTING.CEL


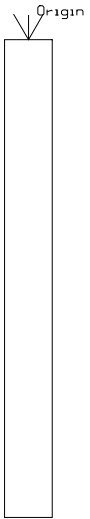


	
<p><b>NAME: SWR PLUG</b></p> <p><b>DESCRIPTION: SEWER PLUG</b></p>	<p><b>NAME: TC</b></p> <p><b>DESCRIPTION: TOP OF CURB &amp; FACE</b></p>
	
<p><b>NAME: TEL MH VAULT</b></p> <p><b>DESCRIPTION: TELEPHONE MANHOLE-VAULT</b></p>	<p><b>NAME: TEL MKOUT</b></p> <p><b>DESCRIPTION: TELEPHONE MARKOUT</b></p>

## V8 CITY EXISTING.CEL



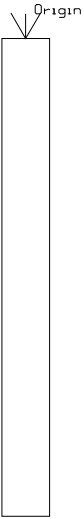

	
<p><b>NAME: TEL PB</b></p> <p><b>DESCRIPTION: TELEPHONE PULL BOX</b></p>	<p><b>NAME: TEL POLE</b></p> <p><b>DESCRIPTION: TELEPHONE POLE</b></p>
	
<p><b>NAME: TEL PROF</b></p> <p><b>DESCRIPTION: TEL. 1 CA PROFILE</b></p>	<p><b>NAME: TEL PROF 2X2</b></p> <p><b>DESCRIPTION: TELEPHONE DUCTS PROFILE 2X2</b></p>




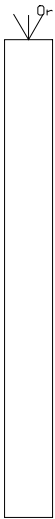
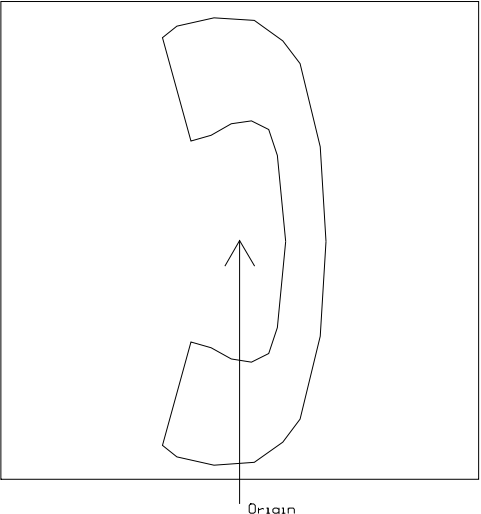

V8 CITY EXISTING.CEL

	
<p>NAME: TEL PROF 3X2</p> <p>DESCRIPTION: TELEPHONE DUCTS PROFILE 3X2</p>	<p>NAME: TEL PROF 3X3</p> <p>DESCRIPTION: TELEPHONE DUCTS PROFILE 3X3</p>
	
<p>NAME: TEL PROF 3X5</p> <p>DESCRIPTION: TELEPHONE DUCTS PROFILE 3X5</p>	<p>NAME: TEL PROF 4X1</p> <p>DESCRIPTION: TELEPHONE DUCTS PROFILE 4X1</p>

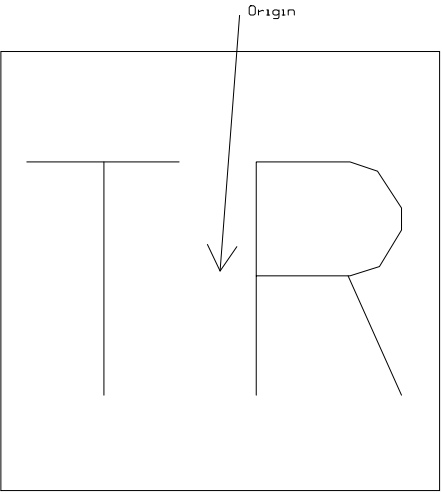
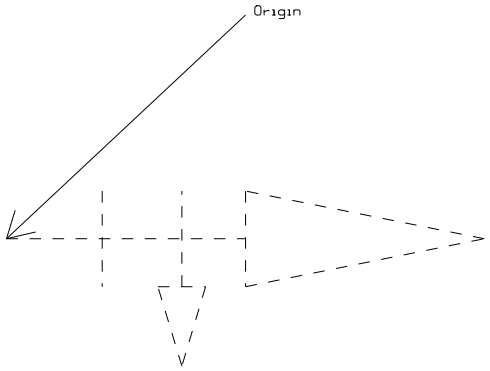
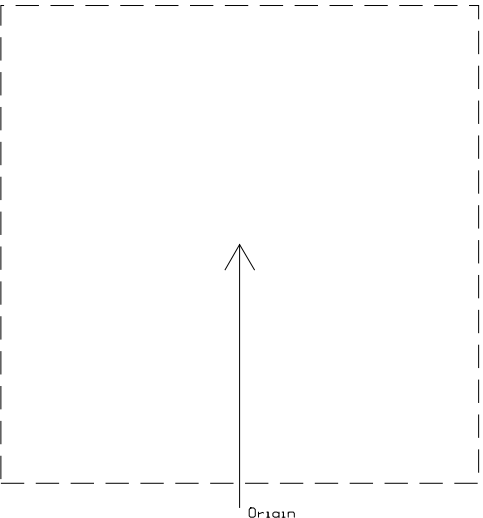
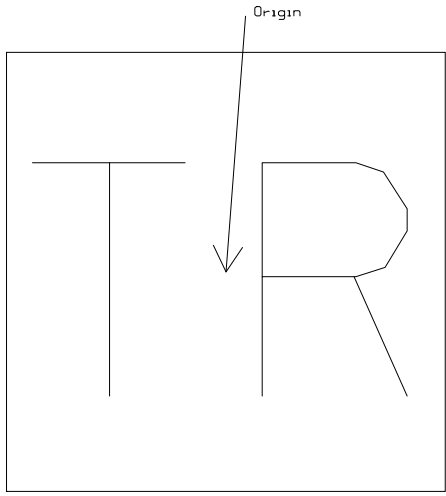
V8 CITY EXISTING.CEL

	
<p>NAME: TEL PROF 4X3</p> <p>DESCRIPTION: TELEPHONE DUCTS PROFILE 4X3</p>	<p>NAME: TEL PROF 4X4</p> <p>DESCRIPTION: TELEPHONE DUCTS PROFILE 4X4</p>
	
<p>NAME: TEL PROF 5X5</p> <p>DESCRIPTION: TELEPHONE DUCTS PROFILE 5X5</p>	<p>NAME: TEL PROF 5X6</p> <p>DESCRIPTION: TELEPHONE DUCTS PROFILE 5X6</p>

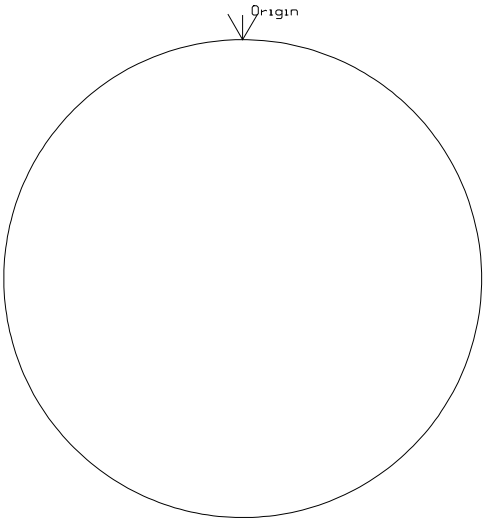
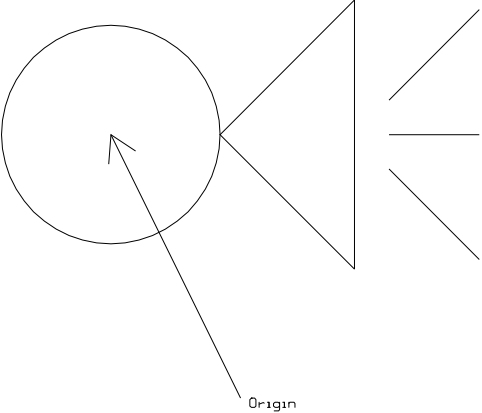
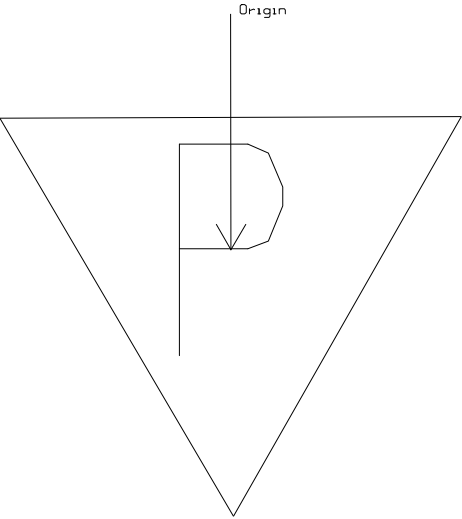
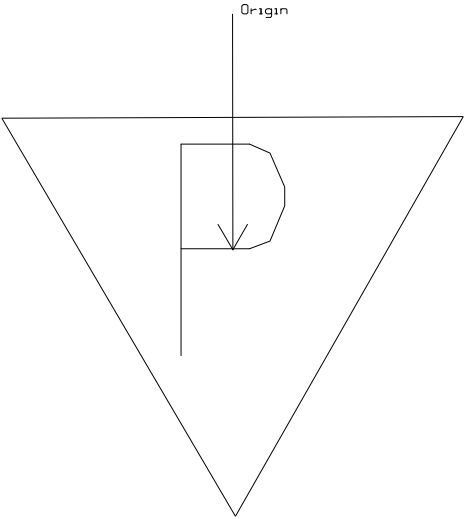
## V8 CITY EXISTING.CEL

	
<p><b>NAME: TEL PROF 6X4</b></p> <p><b>DESCRIPTION: TELEPHONE DUCTS PROFILE 6X4</b></p>	<p><b>NAME: TEL PROF 6X6</b></p> <p><b>DESCRIPTION: TELEPHONE DUCTS PROFILE 6X6</b></p>
	
<p><b>NAME: TEL STRUCT</b></p> <p><b>DESCRIPTION: TELEPHONE PED-RISER-BOOTH</b></p>	<p><b>NAME: TIC MARK</b></p> <p><b>DESCRIPTION: 100 TIC STATION MARK</b></p>

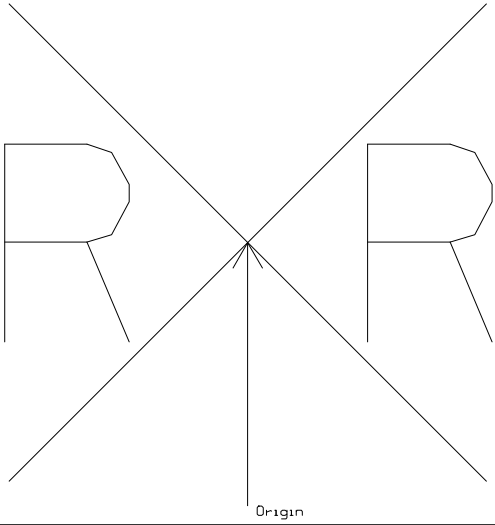
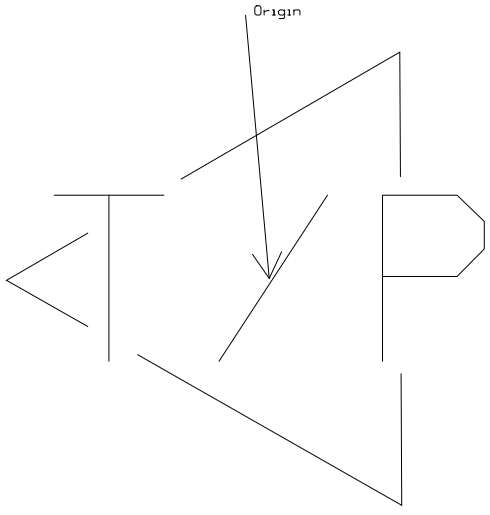
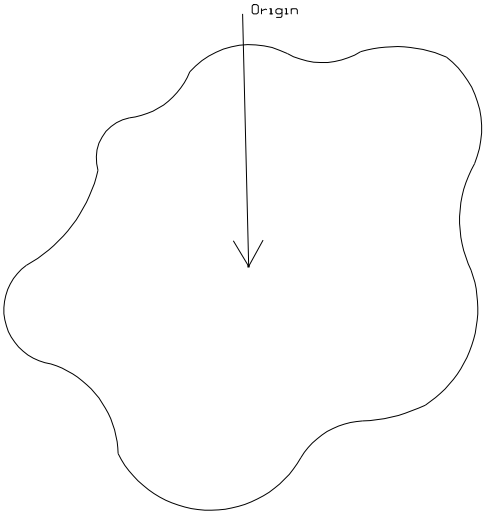
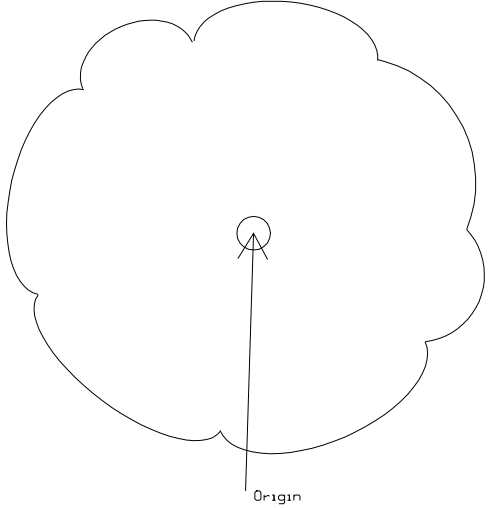
## V8 CITY EXISTING.CEL

	
<p><b>NAME: TRAF CONTROL</b></p> <p><b>DESCRIPTION: TRAFFIC CONTROL/RISER</b></p>	<p><b>NAME: TRAF LEFT VEH</b></p> <p><b>DESCRIPTION: TRAFFIC LEFT VECH. AHEAD</b></p>
	
<p><b>NAME: TRAF LIGHT ACTUATOR</b></p> <p><b>DESCRIPTION: TRAFFIC LIGHT ACTUATOR</b></p>	<p><b>NAME: TRAF PB</b></p> <p><b>DESCRIPTION: TRAFFIC PULL BOX</b></p>

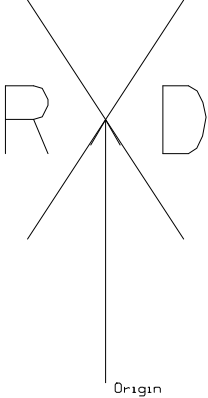
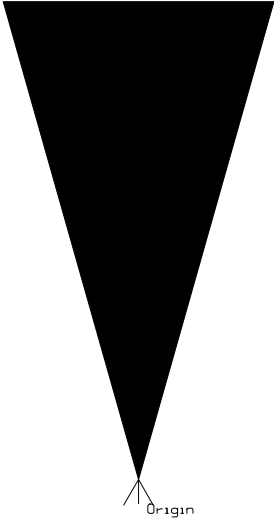
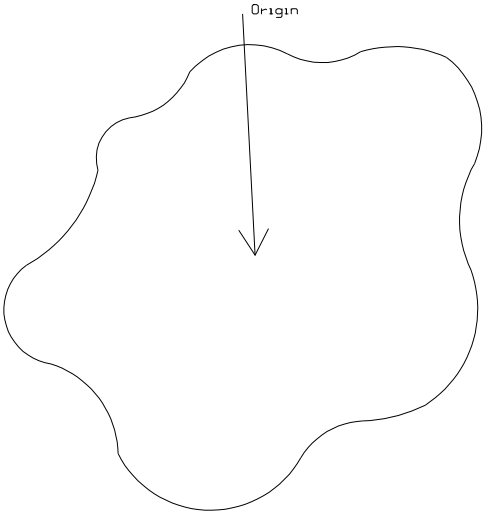
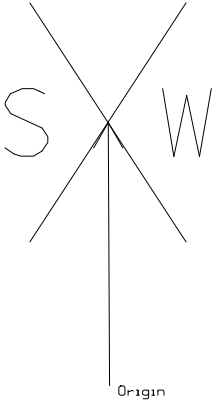
## V8 CITY EXISTING.CEL

	
<p><b>NAME: TRAF PROF</b></p> <p><b>DESCRIPTION: TRAFFIC PROFILE</b></p>	<p><b>NAME: TRAF SIGNAL</b></p> <p><b>DESCRIPTION: TRAFFIC SIGNAL</b></p>
	
<p><b>NAME: TRAF WHT PAINT</b></p> <p><b>DESCRIPTION: TRAFFIC STRIPING WHITE</b></p>	<p><b>NAME: TRAF YEL PAINT</b></p> <p><b>DESCRIPTION: TRAFFIC STRIPING YELLOW POINT</b></p>

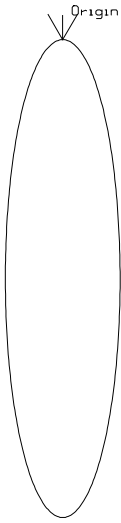
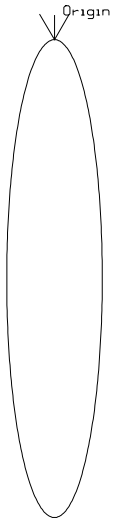
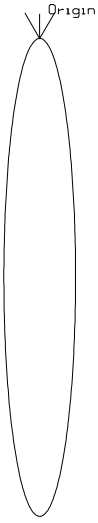
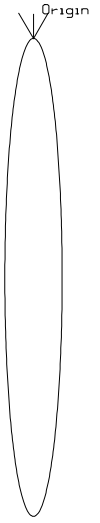
## V8 CITY EXISTING.CEL

	
<p><b>NAME: TRAIN</b></p> <p><b>DESCRIPTION: TRAIN &amp; TROLLY TRACTS</b></p>	<p><b>NAME: TRAV PT</b></p> <p><b>DESCRIPTION: SURVEY TRAVERSE POINT</b></p>
	
<p><b>NAME: TREE LARGE</b></p> <p><b>DESCRIPTION: TREE GENERIC LARGE</b></p>	<p><b>NAME: TREE SMALL</b></p> <p><b>DESCRIPTION: TREE GENERIC SMALL</b></p>

## V8 CITY EXISTING.CEL

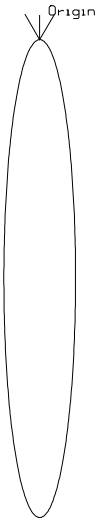
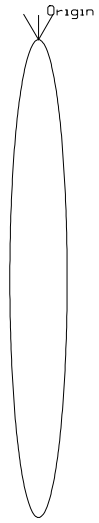


	
<p><b>NAME: UNIMP RD PTH</b></p> <p><b>DESCRIPTION: UNIMPROVED ROAD OR PATH</b></p>	<p><b>NAME: VEG DRP LN</b></p> <p><b>DESCRIPTION: VEGETATION DRIP LINE</b></p>
	
<p><b>NAME: VEG LN</b></p> <p><b>DESCRIPTION: VEGETATION OUTLINE BOUNDARY</b></p>	<p><b>NAME: WALK WAY</b></p> <p><b>DESCRIPTION: SIDE WALK, WALK WAY</b></p>

## V8 CITY EXISTING.CEL



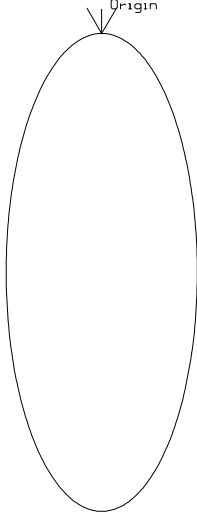
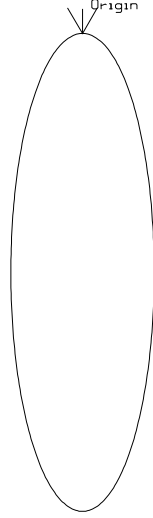
	
NAME: WTR 10 PROF  DESCRIPTION: WATER 10" PROFILE	NAME: WTR 12 PROF  DESCRIPTION: WATER 12" PROFILE
	
NAME: WTR 16 PROF  DESCRIPTION: WATER 16" PROFILE	NAME: WTR 20 PROF  DESCRIPTION: WATER 20" PROFILE



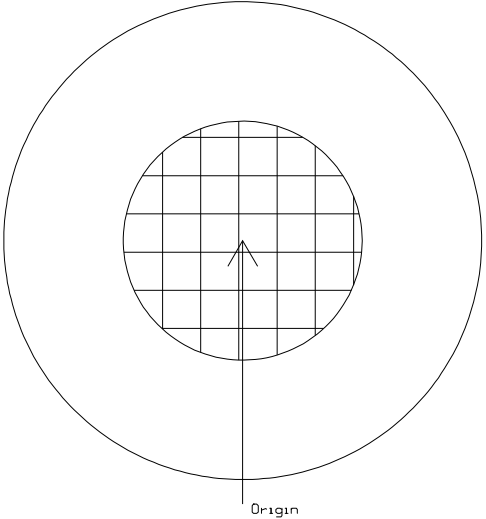
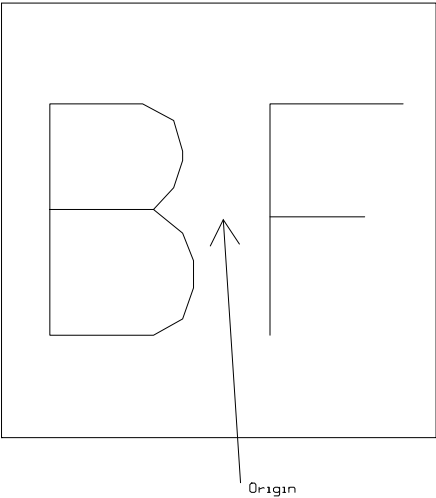
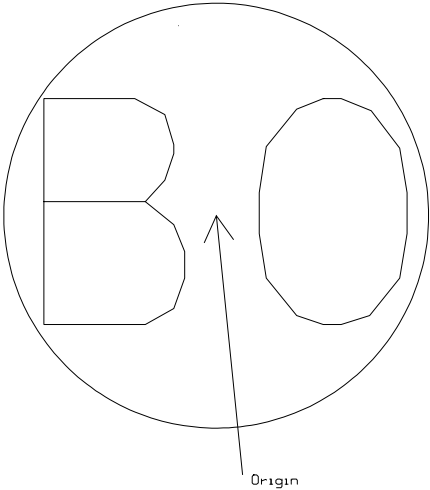
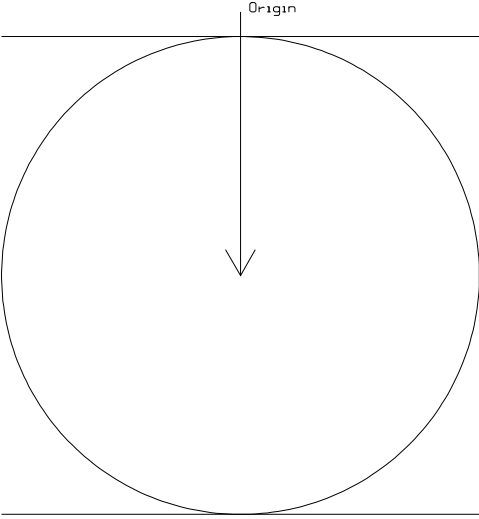
## V8 CITY EXISTING.CEL

	
NAME: WTR 24 PROF	NAME: WTR 30 PROF
DESCRIPTION: WATER 24" PROFILE	DESCRIPTION: WATER 30" PROFILE
	
NAME: WTR 36 PROF	NAME: WTR 40 PROF
DESCRIPTION: WATER 36" PROFILE	DESCRIPTION: WATER 40" PROFILE

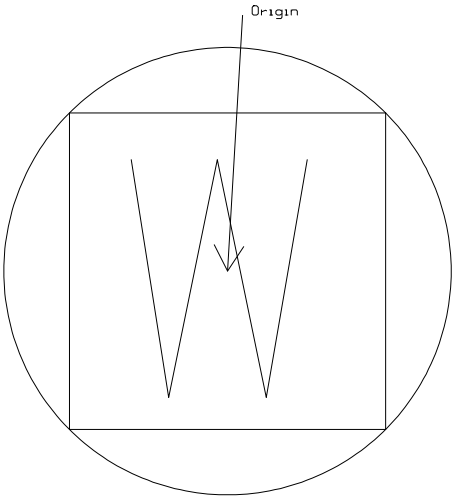
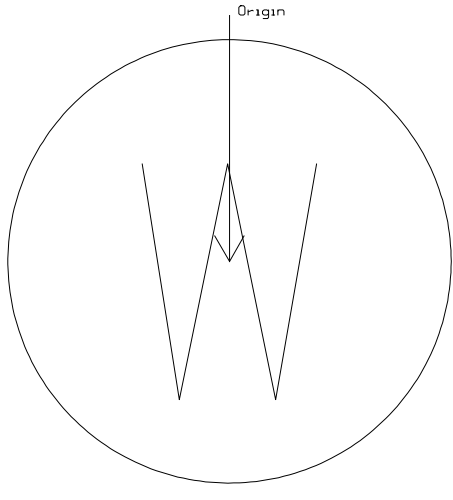
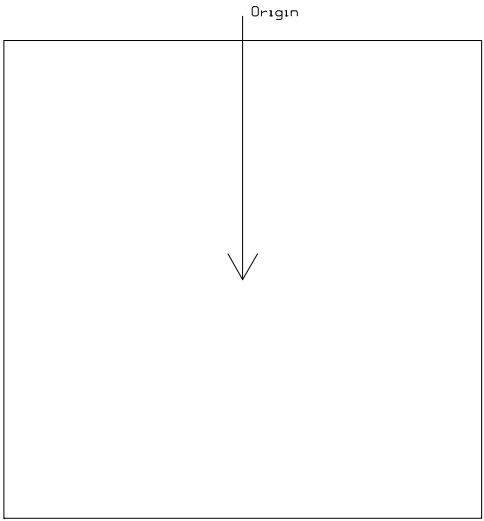
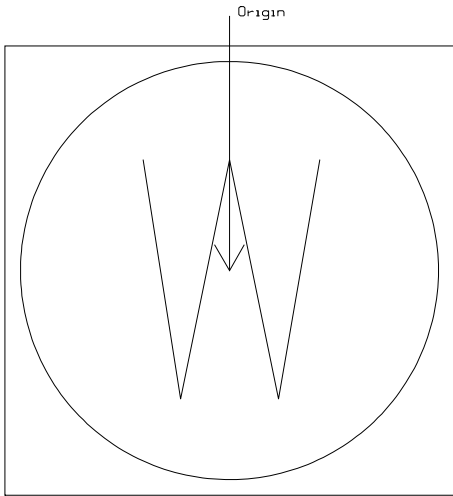
## V8 CITY EXISTING.CEL

	
<p>NAME: WTR 48 PROF</p> <p>DESCRIPTION: WATER 48" PROFILE</p>	<p>NAME: WTR 54 PROF</p> <p>DESCRIPTION: WATER 54" PROFILE</p>
	
<p>NAME: WTR 6 PROF</p> <p>DESCRIPTION: WATER 6" PROFILE</p>	<p>NAME: WTR 8 PROF</p> <p>DESCRIPTION: WATER 8" PROFILE</p>

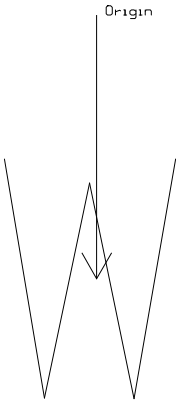
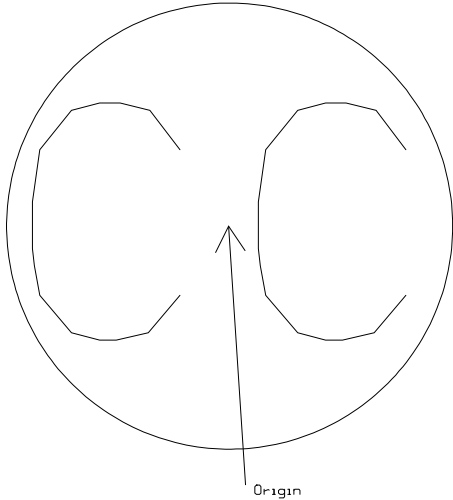
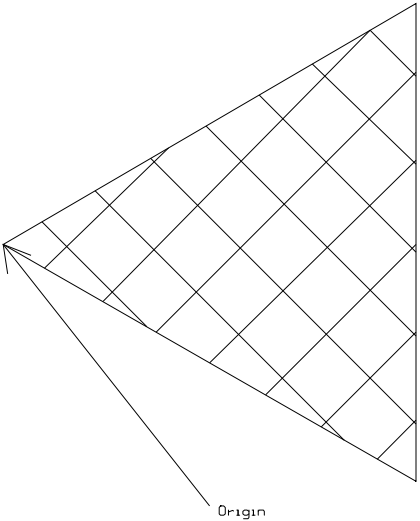
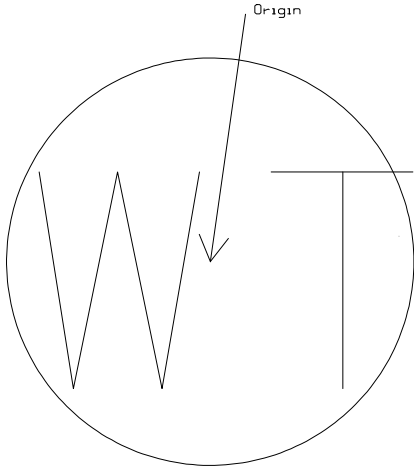
## V8 CITY EXISTING.CEL

	
<p><b>NAME: WTR AIR VAC</b></p> <p><b>DESCRIPTION: WATER AIR VAC</b></p>	<p><b>NAME: WTR BF PREV</b></p> <p><b>DESCRIPTION: WATER BACKFLOW PREVENTION</b></p>
	
<p><b>NAME: WTR BO</b></p> <p><b>DESCRIPTION: WATER BLOWOFF</b></p>	<p><b>NAME: WTR FH</b></p> <p><b>DESCRIPTION: WATER FIRE HYDRANT</b></p>

## V8 CITY EXISTING.CEL

	
<p><b>NAME: WTR GRND WEL</b></p> <p><b>DESCRIPTION: WATER GROUND MONUMENT WELL</b></p>	<p><b>NAME: WTR GV</b></p> <p><b>DESCRIPTION: WATER GATE VALVE</b></p>
	
<p><b>NAME: WTR METER</b></p> <p><b>DESCRIPTION: WATER METER</b></p>	<p><b>NAME: WTR MH</b></p> <p><b>DESCRIPTION: WATER MANHOLE</b></p>

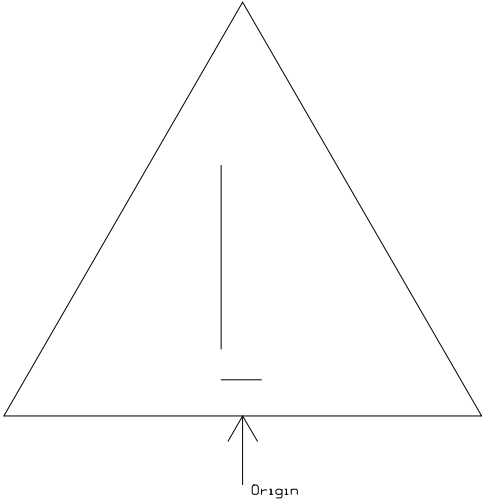
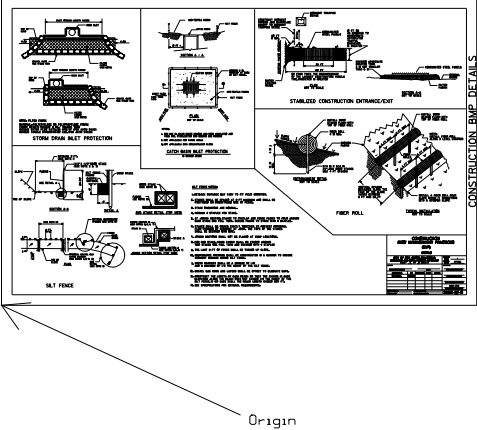
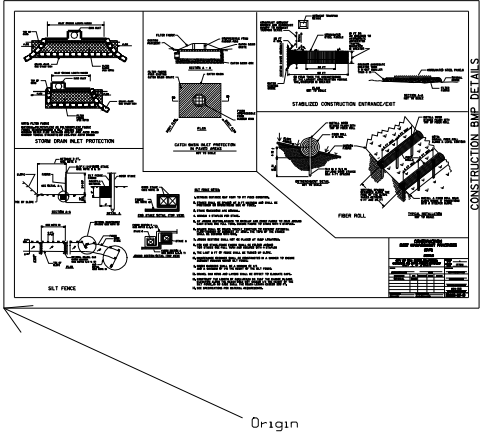
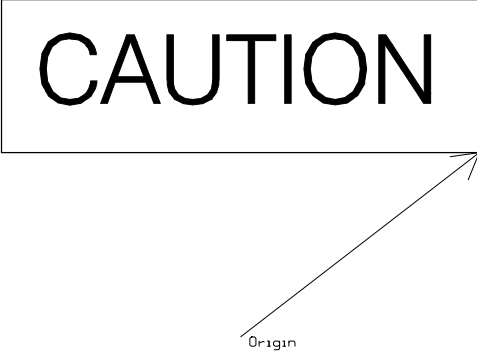
## V8 CITY EXISTING.CEL

	
<p><b>NAME: WTR MKOUT</b></p> <p><b>DESCRIPTION: WATER MARK OUT</b></p>	<p><b>NAME: WTR PREV TST</b></p> <p><b>DESCRIPTION: WATER PREVENTATIVE TEST</b></p>
	
<p><b>NAME: WTR REDUCER</b></p> <p><b>DESCRIPTION: WATER REDUCER</b></p>	<p><b>NAME: WTR TST STA</b></p> <p><b>DESCRIPTION: WATER TEST STATION</b></p>

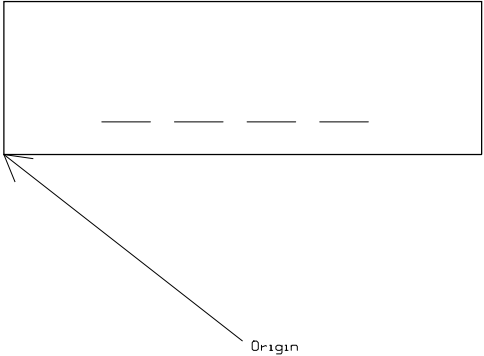
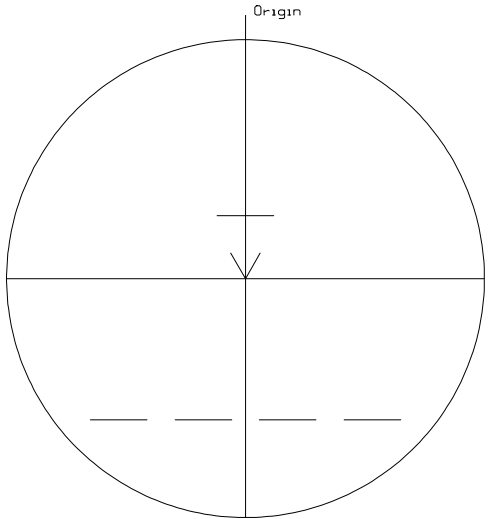
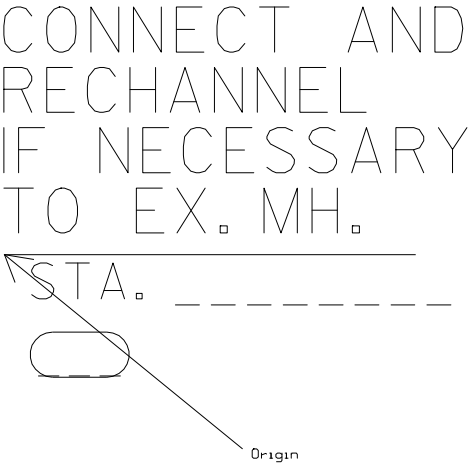

## Appendix C

### **V8 City Proposed.cel**

## V8 CITY PROPOSED.CEL

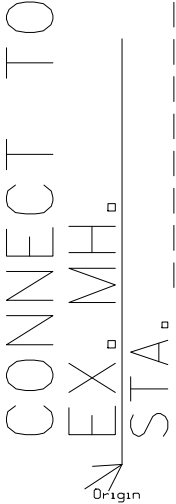
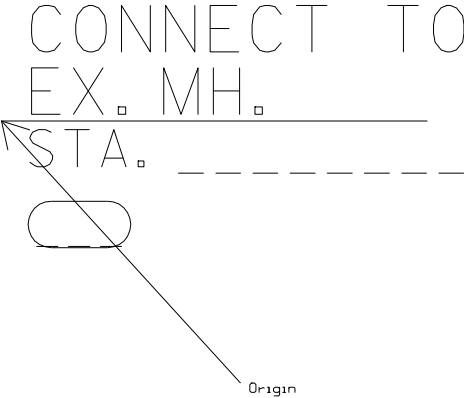
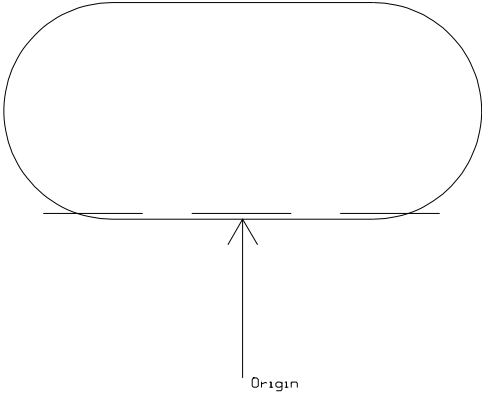
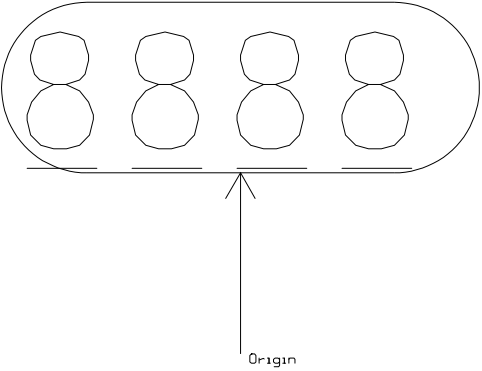
	
<p>NAME: ASBLT SYM</p> <p>DESCRIPTION: ASBUILT SYMBOL</p>	<p>NAME: BMP1</p> <p>DESCRIPTION: BEST MANAGEMENT PRACTICE 1</p>
	
<p>NAME: BMP2</p> <p>DESCRIPTION: BEST MANAGEMENT PRACTICE 2</p>	<p>NAME: CAUTION CALLOUT</p> <p>DESCRIPTION: CAUTION CALLOUT</p>

## V8 CITY PROPOSED.CEL

	
<p><b>NAME: CAUTION CALLOUT BLK</b></p> <p><b>DESCRIPTION: CAUTION CALLOUT BLANK</b></p>	<p><b>NAME: CITY FORCES CALLOUT</b></p> <p><b>DESCRIPTION: CITY FORCES CALLOUT</b></p>
	
<p><b>NAME: CONNECT AND RECHANNEL TO EX SWR MH CALL PL PT</b></p> <p><b>DESCRIPTION: CONNECT &amp; RECHANNEL TO EX SWR MH CALLOUT PLAN POINT</b></p>	<p><b>NAME: CONNECT AND RECHANNEL TO EX SWR MH CALL PROF</b></p> <p><b>DESCRIPTION: CONNECT AND RECHANNEL TO EX SWR MH CALL PROFILE</b></p>



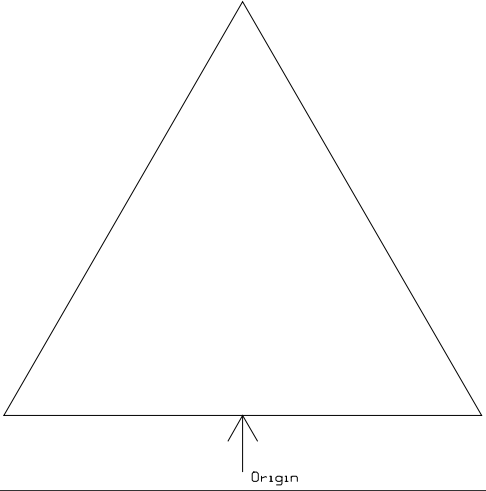
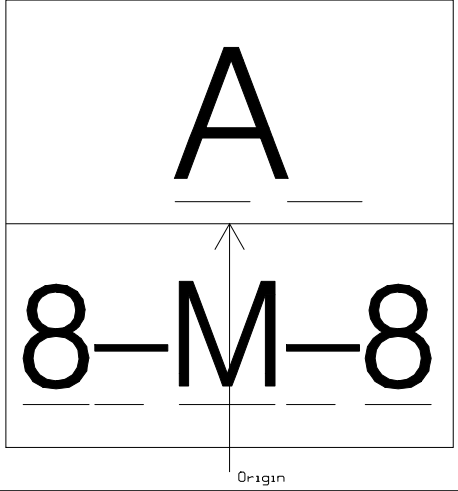
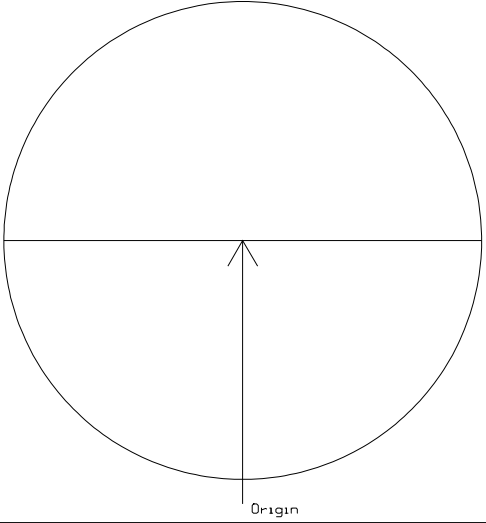
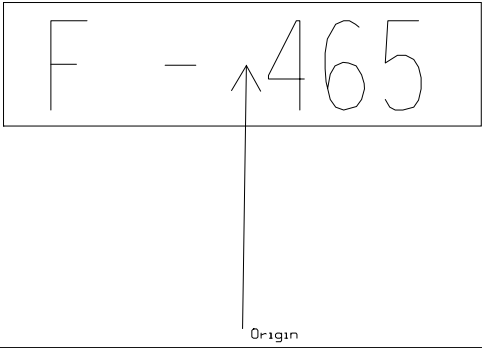
## V8 CITY PROPOSED.CEL

	
<p><b>NAME: CONNECT TO EX SWR MH CALL PROF</b></p> <p><b>DESCRIPTION: CONNECT TO EX SWR MH CALLOUT PROFILE</b></p>	<p><b>NAME: CONNECT TO EX SWR MH CALLOUT PL PT</b></p> <p><b>DESCRIPTION: CONNECT TO EX SWR MH CALLOUT PLAN POINT</b></p>
	
<p><b>NAME: COORD CAP 3</b></p> <p><b>DESCRIPTION: COORDINATE CAPSULE</b></p>	<p><b>NAME: COORD CAP 4</b></p> <p><b>DESCRIPTION: COORDINATE CAPSULE</b></p>

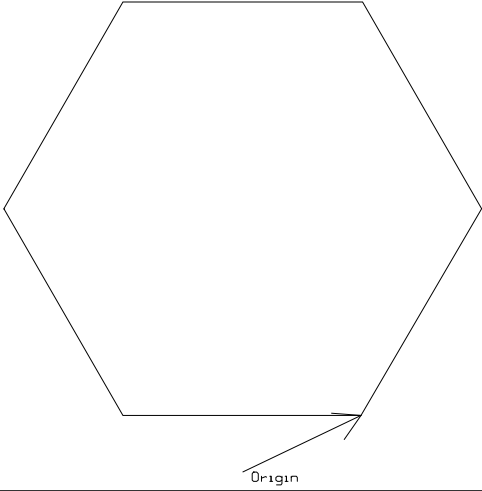
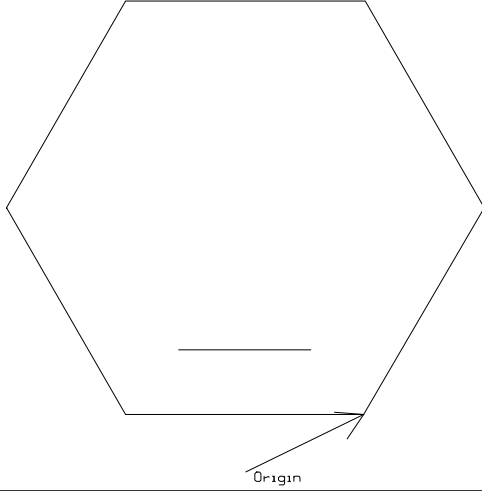
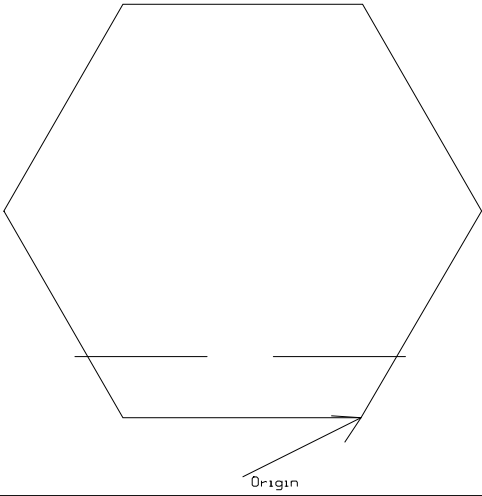
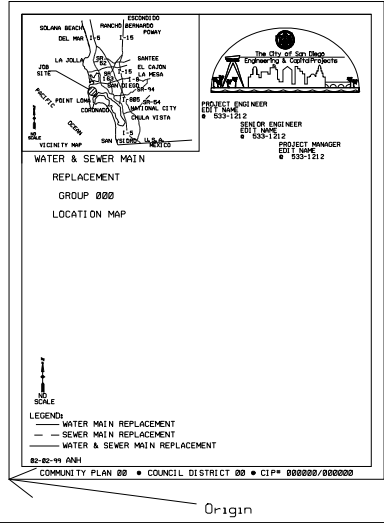
## V8 CITY PROPOSED.CEL

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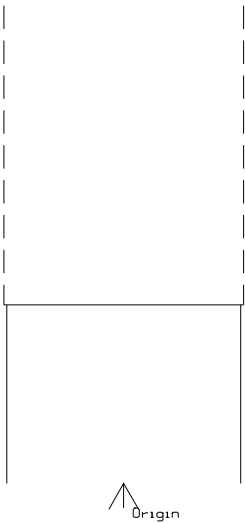
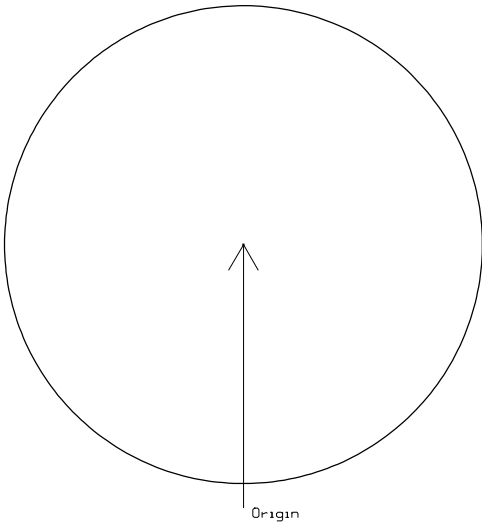
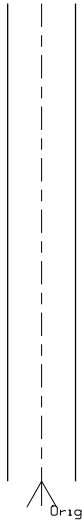
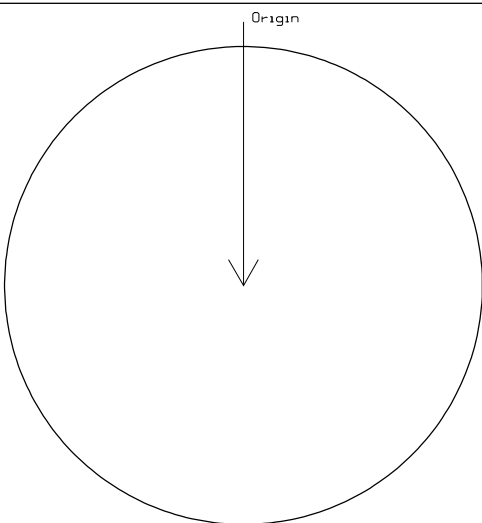
## V8 CITY PROPOSED.CEL

	
<p><b>NAME:</b> DELTA SYM</p> <p><b>DESCRIPTION:</b> DELTA SYMBOL FOR NOTES</p>	<p><b>NAME:</b> DETAIL1</p> <p><b>DESCRIPTION:</b> DETAIL CALL OUT</p>
	
<p><b>NAME:</b> DETAIL2</p> <p><b>DESCRIPTION:</b> DETAIL CALL OUT</p>	<p><b>NAME:</b> EQUIP CALLOUT</p> <p><b>DESCRIPTION:</b> EQUIPMENT CALLOUT</p>

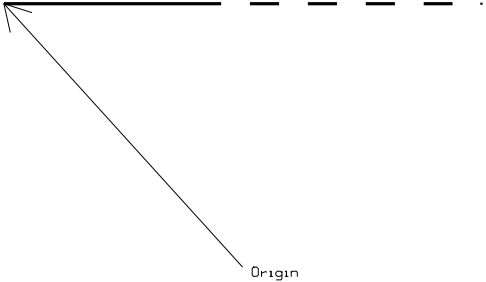
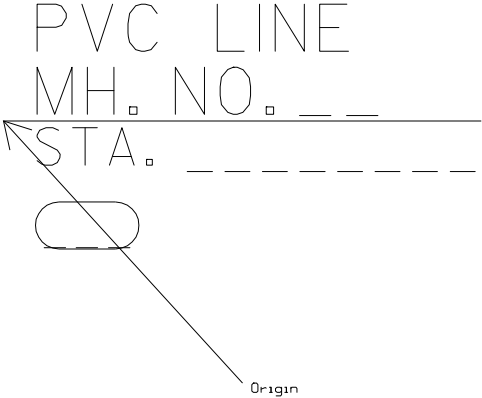
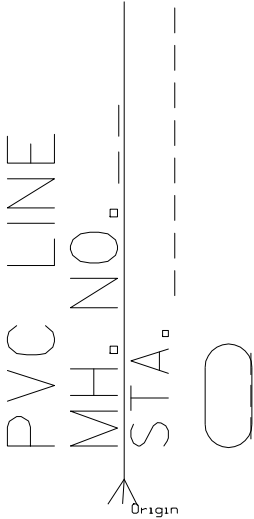
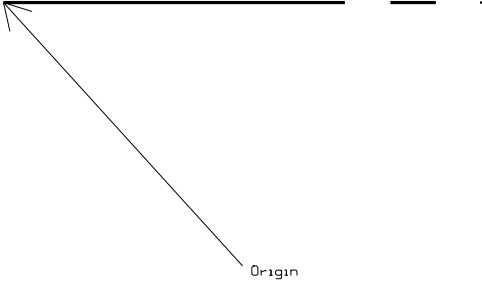
## V8 CITY PROPOSED.CEL

	
<p><b>NAME: HEX 0</b></p> <p><b>DESCRIPTION: HEX FOR NOTES BLANK</b></p>	<p><b>NAME: HEX 1</b></p> <p><b>DESCRIPTION: HEX FOR NOTES 1</b></p>
	
<p><b>NAME: HEX 2</b></p> <p><b>DESCRIPTION: HEX FOR NOTES 2</b></p>	<p><b>NAME: MAP INTRANET LOCATION</b></p> <p><b>DESCRIPTION: INTRANET LOCATION MAP</b></p>

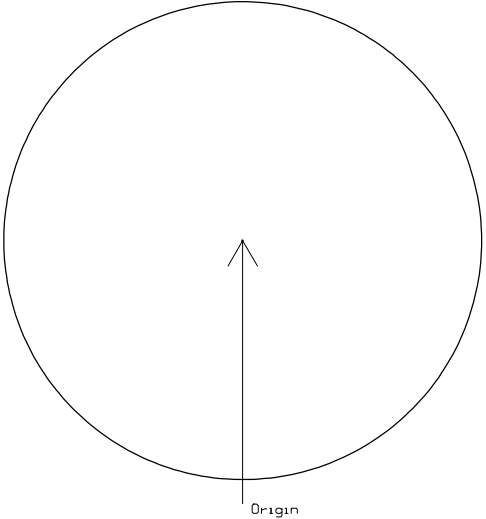
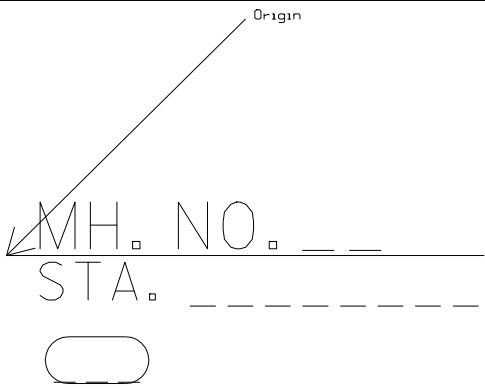
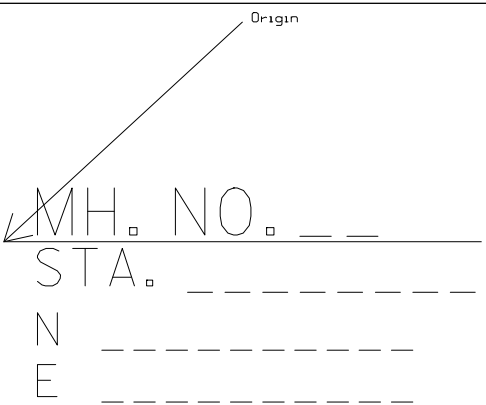
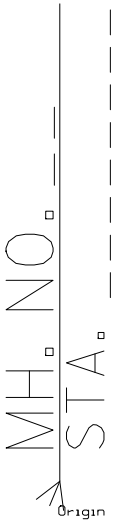
V8 CITY PROPOSED.CEL

	
<p>NAME: P ACCESS MH PROF</p> <p>DESCRIPTION: PROP ACCESS MH PROF</p>	<p>NAME: P SWR CO</p> <p>DESCRIPTION: PROP SWR CLEANOUT PLAN</p>
	
<p>NAME: P SWR CO PROF</p> <p>DESCRIPTION: PROP SWR CLEANOUT PROF</p>	<p>NAME: P SWR LAT SYM</p> <p>DESCRIPTION: PROP SWR LATERAL SYMBL</p>

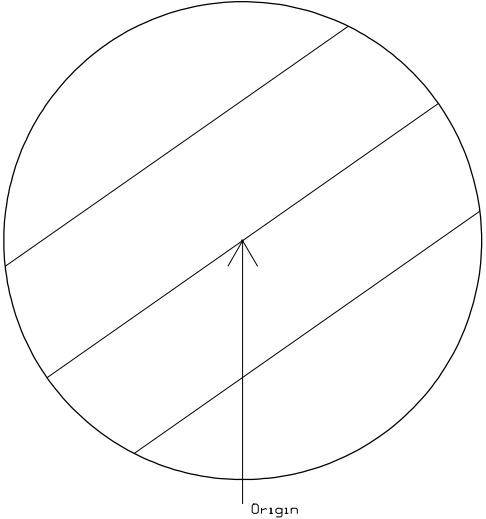
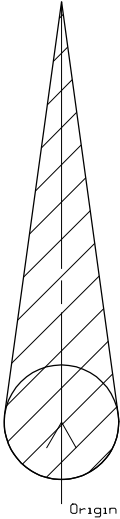
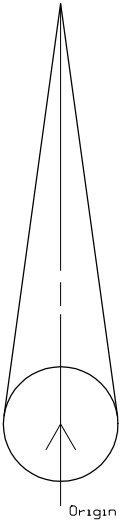
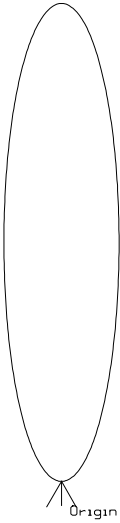
V8 CITY PROPOSED.CEL

	
<p>NAME: P SWR LINED</p> <p>DESCRIPTION: PROP SWR LINED</p>	<p>NAME: P SWR LINED MH CALL PL PT</p> <p>DESCRIPTION: PROP SWR LINED MH CALL PLAN POINT</p>
	
<p>NAME: P SWR LINED MH CALL PROF</p> <p>DESCRIPTION: PROP SWR LINED MH CALLOUT PROFILE</p>	<p>NAME: P SWR MAIN</p> <p>DESCRIPTION: PROP SEWER MAIN</p>

## V8 CITY PROPOSED.CEL

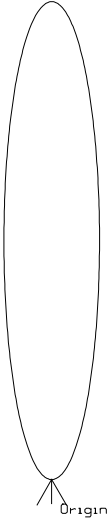
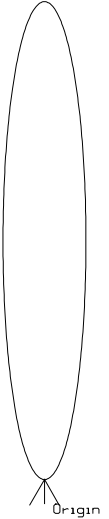

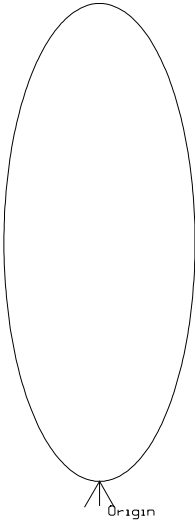
	
<p><b>NAME: P SWR MH</b></p> <p><b>DESCRIPTION: PROP SWR MH</b></p>	<p><b>NAME: P SWR MH CALLOUT PL PT</b></p> <p><b>DESCRIPTION: P SWR MH CALLOUT PLAN POINT</b></p>
	
<p><b>NAME: P SWR MH CALLOUT PLAN</b></p> <p><b>DESCRIPTION: PROP SWR MH CALLOUT PLAN</b></p>	<p><b>NAME: P SWR MH CALLOUT PROF</b></p> <p><b>DESCRIPTION: P SWR MH CALLOUT PROF</b></p>

## V8 CITY PROPOSED.CEL

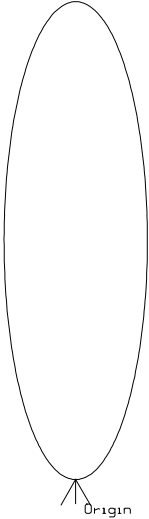
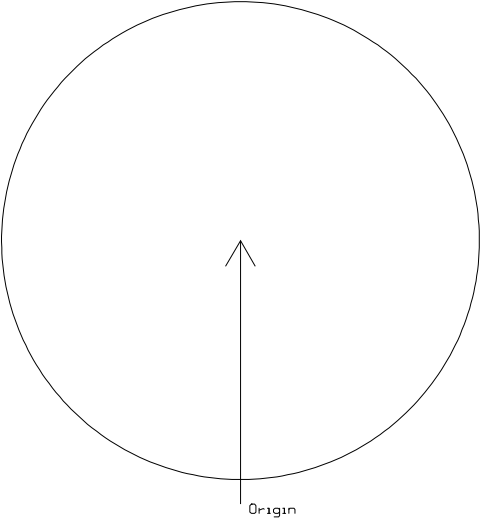
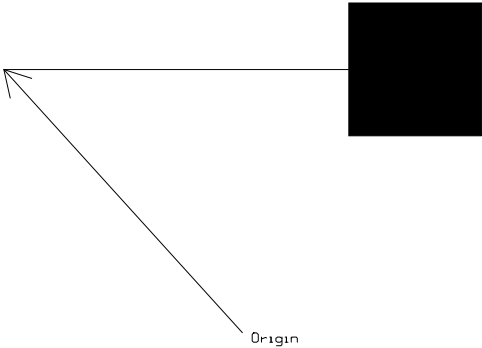
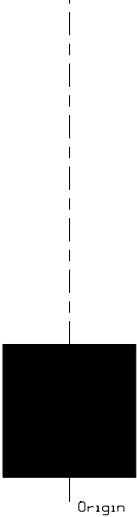
	
<p><b>NAME: P SWR MH LINED</b></p> <p><b>DESCRIPTION: PROP SWR MH LINED</b></p>	<p><b>NAME: P SWR MH LINED PROF</b></p> <p><b>DESCRIPTION: PROP SWR MH LINED PROF</b></p>
	
<p><b>NAME: P SWR MH PROF</b></p> <p><b>DESCRIPTION: PROP SWR MH PROF</b></p>	<p><b>NAME: P WTR 10 PROF</b></p> <p><b>DESCRIPTION: PROP 10 WATER PROF</b></p>



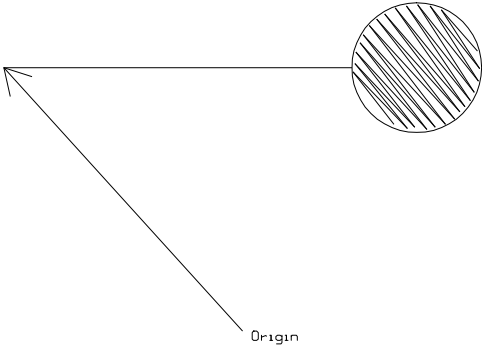
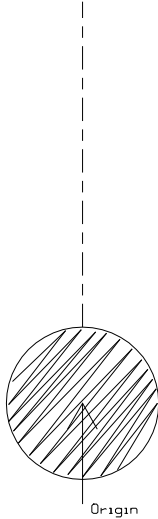
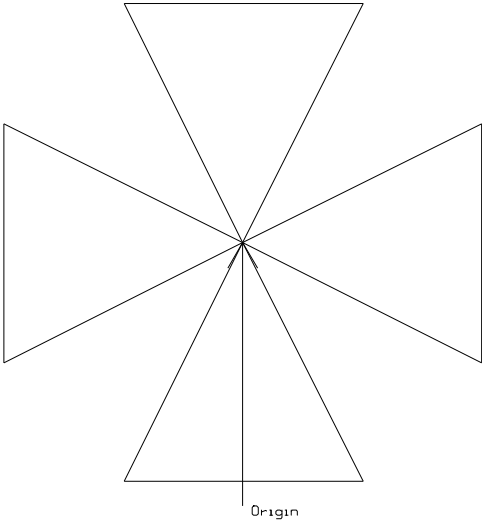
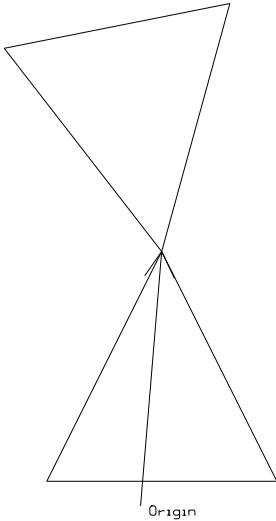
## V8 CITY PROPOSED.CEL

	
NAME: P WTR 12 PROF	NAME: P WTR 16 PROF
DESCRIPTION: PROP 12 WATER PROF	DESCRIPTION: PROP 16 WATER PROF
	
NAME: P WTR 24 PROF	NAME: P WTR 6 PROF
DESCRIPTION: PROP 24 WATER PROF	DESCRIPTION: PROP 6 WATER PROF

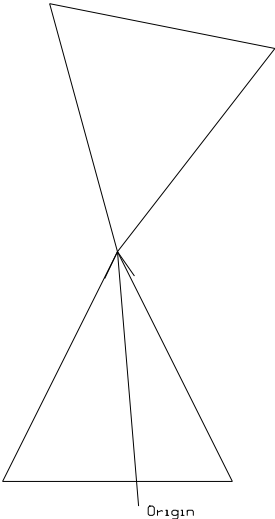
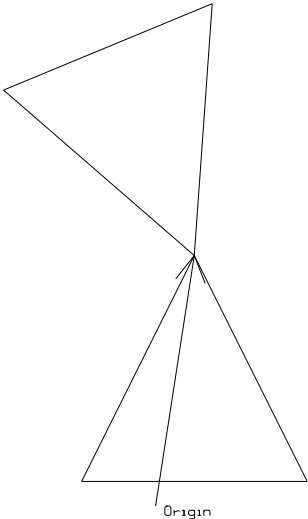
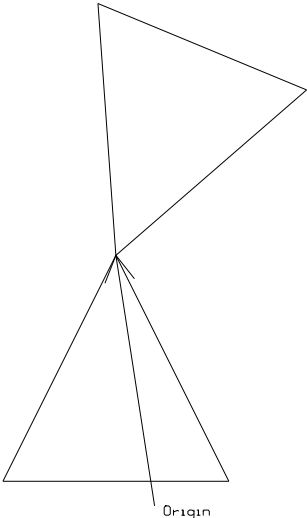
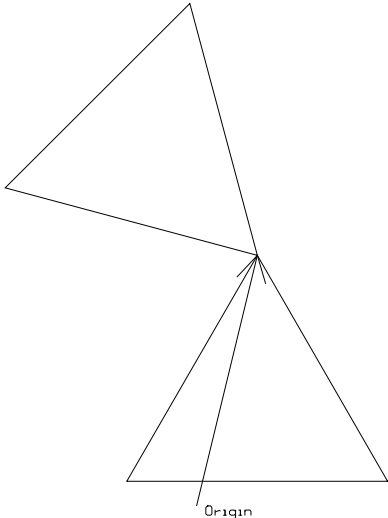
## V8 CITY PROPOSED.CEL

	
<p><b>NAME: P WTR 8 PROF</b></p> <p><b>DESCRIPTION: PROP 8 WATER PROF</b></p>	<p><b>NAME: P WTR ACCESS MH</b></p> <p><b>DESCRIPTION: PROP WTR ACCESS MH</b></p>
	
<p><b>NAME: P WTR AIR VALVE</b></p> <p><b>DESCRIPTION: PROP WTR AIR VALVE</b></p>	<p><b>NAME: P WTR AIR VALVE PROF</b></p> <p><b>DESCRIPTION: PROP AIR VALVE PROFILE</b></p>

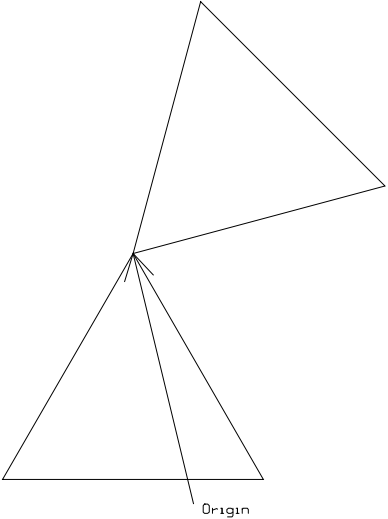
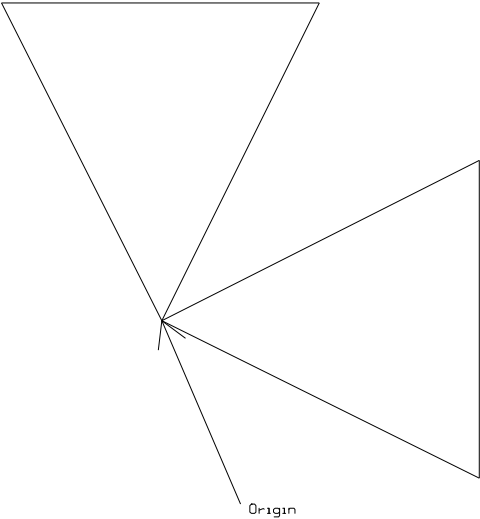
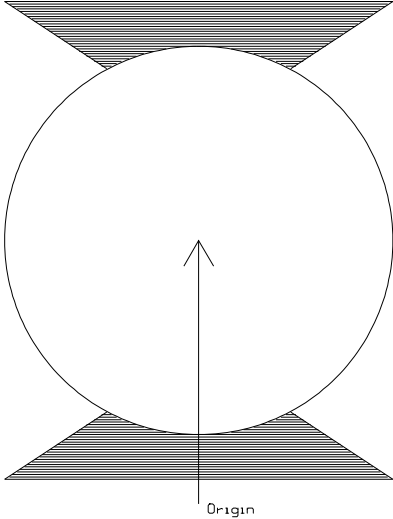
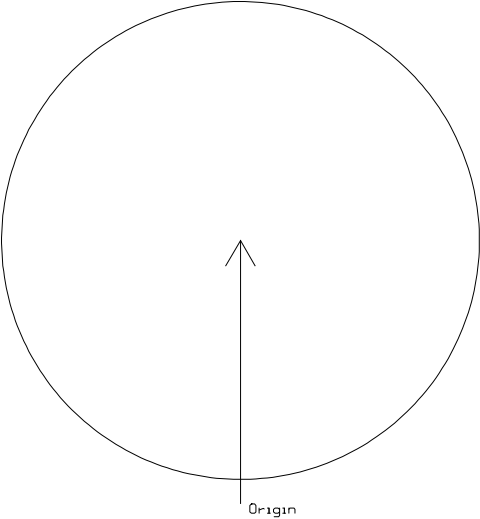
## V8 CITY PROPOSED.CEL

	
NAME: P WTR BLOW OFF	NAME: P WTR BLOW OFF PROF
DESCRIPTION: PROP WTR BLOW OFF	DESCRIPTION: PROP WTR BLOW OFF PROFILE
	
NAME: P WTR CROSS	NAME: P WTR EL 11 LT
DESCRIPTION: PROP WTR CROSS	DESCRIPTION: PROP WTR ELBOW 11 LT

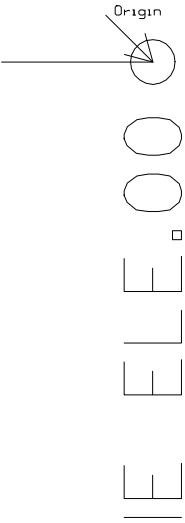
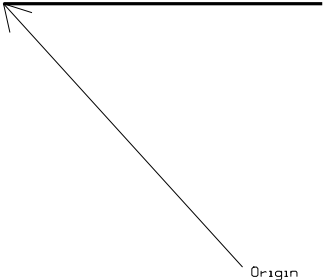
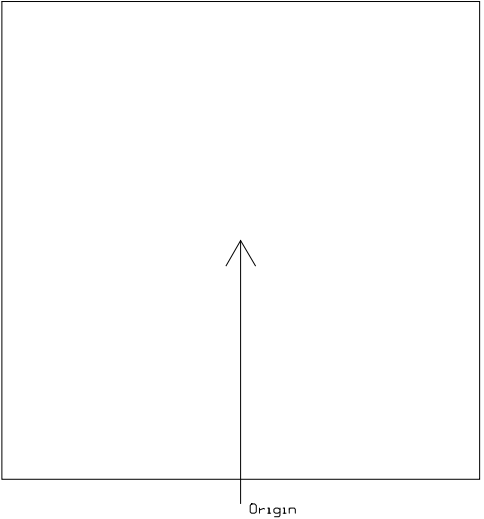
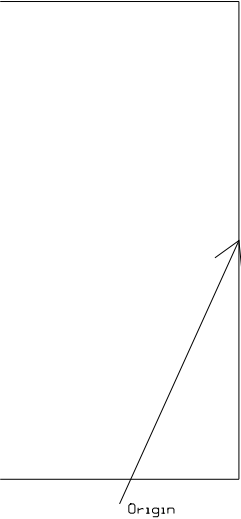
## V8 CITY PROPOSED.CEL

	
<p>NAME: P WTR EL 11 RT</p> <p>DESCRIPTION: PROP WTR ELBOW 11 RT</p>	<p>NAME: P WTR EL 22 LT</p> <p>DESCRIPTION: PROP WTR ELBOW 22 LT</p>
	
<p>NAME: P WTR EL 22 RT</p> <p>DESCRIPTION: PROP WTR ELBOW 22 RT</p>	<p>NAME: P WTR EL 45 LT</p> <p>DESCRIPTION: PROP WTR ELBOW 45 LT</p>

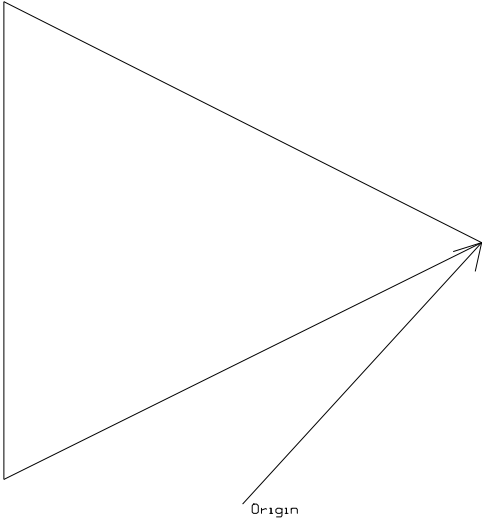
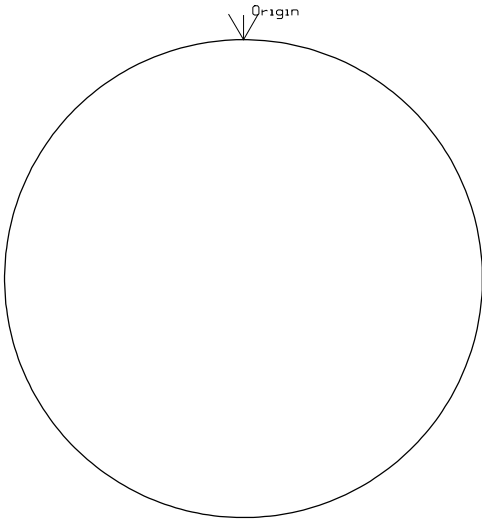
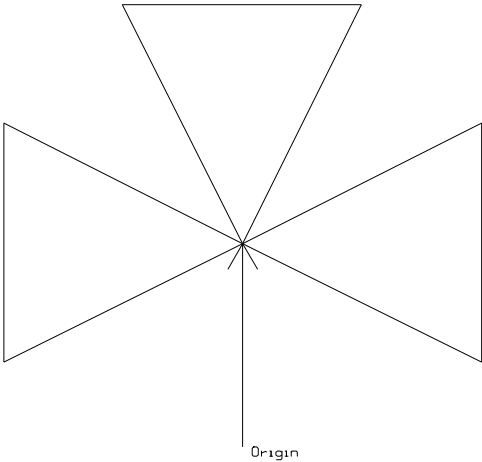
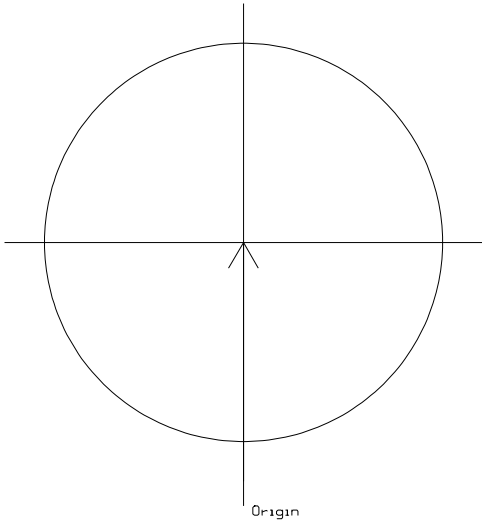
## V8 CITY PROPOSED.CEL

	
<p><b>NAME: P WTR EL 45 RT</b></p> <p><b>DESCRIPTION: PROP WTR ELBOW 45 RT</b></p>	<p><b>NAME: P WTR EL 90</b></p> <p><b>DESCRIPTION: PROP WTR ELBOW 90</b></p>
	
<p><b>NAME: P WTR FH</b></p> <p><b>DESCRIPTION: PROP WTR FIRE HYDRANT</b></p>	<p><b>NAME: P WTR GB</b></p> <p><b>DESCRIPTION: PROP WTR GRADE BREAK</b></p>

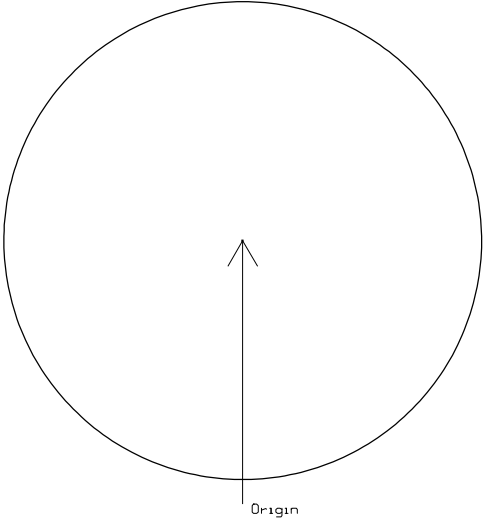
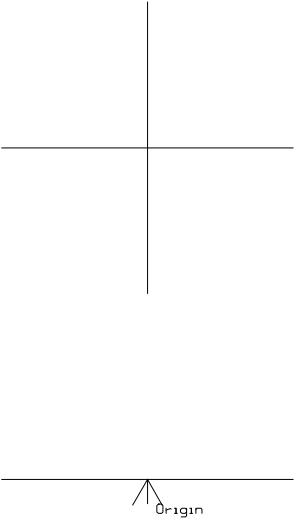
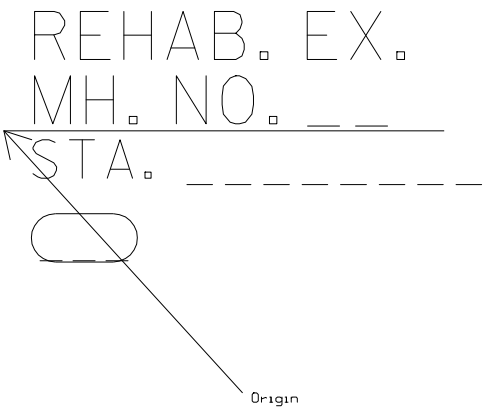

## V8 CITY PROPOSED.CEL

	
<p><b>NAME: P WTR GB ELEV</b></p> <p><b>DESCRIPTION: PROP WTR GRADE BREAK EVELATION</b></p>	<p><b>NAME: P WTR MAIN</b></p> <p><b>DESCRIPTION: PROP WTR MAIN</b></p>
	
<p><b>NAME: P WTR METER</b></p> <p><b>DESCRIPTION: PROP WTR MAIN</b></p>	<p><b>NAME: P WTR PLUG</b></p> <p><b>DESCRIPTION: PROP WTR PLUG</b></p>

## V8 CITY PROPOSED.CEL

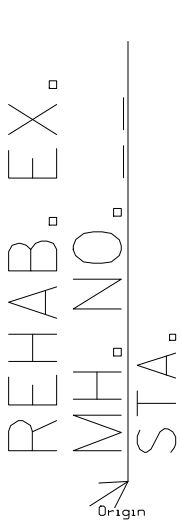
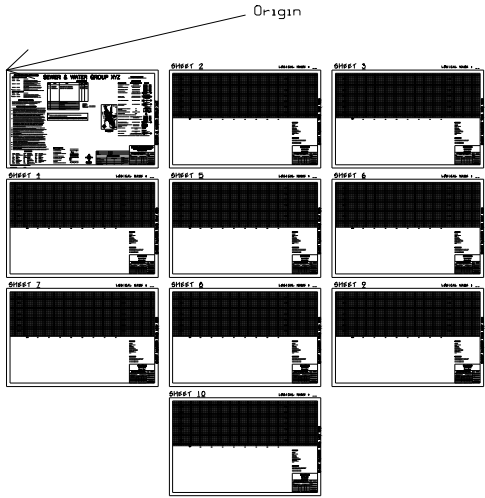
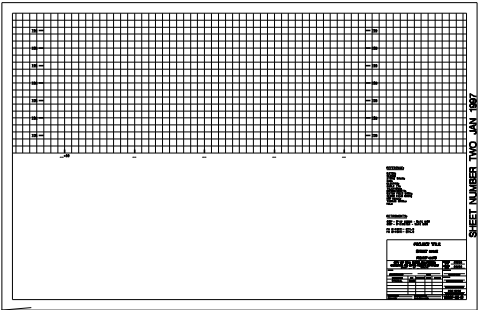
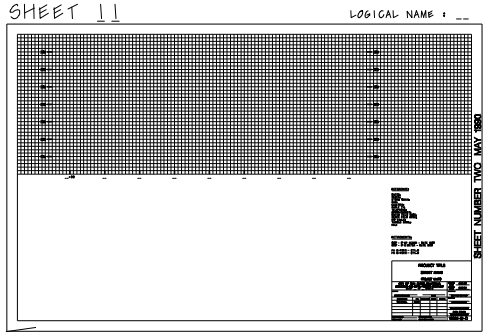
	
<b>NAME: P WTR RED</b>	<b>NAME: P WTR SERV</b>
<b>DESCRIPTION: PROP WTR REDUCER</b>	<b>DESCRIPTION: PROP WATER SERVICE</b>
	
<b>NAME: P WTR TEE</b>	<b>NAME: P WTR VALVE</b>
<b>DESCRIPTION: PROP WATER TEE</b>	<b>DESCRIPTION: PROP WTR VALVE</b>

## V8 CITY PROPOSED.CEL

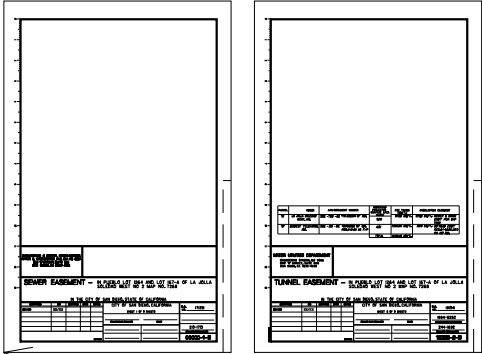
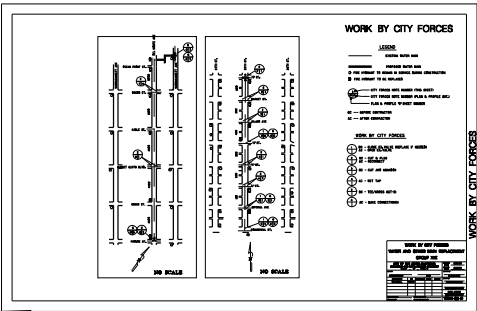
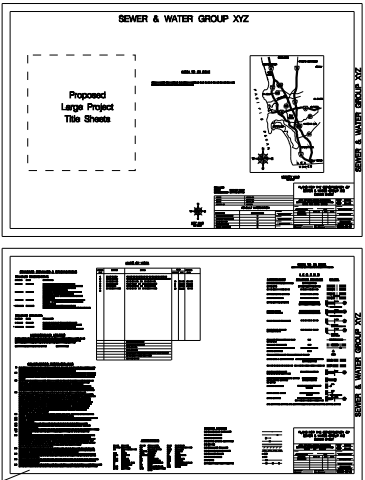
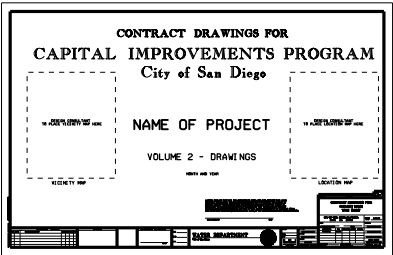
	
<p><b>NAME: PLANNING MH</b></p> <p><b>DESCRIPTION: PLANNING MANHOLE</b></p>	<p><b>NAME: PLUS MINUS</b></p> <p><b>DESCRIPTION: PLUS MINUS</b></p>
	
<p><b>NAME: REHAB EX MH CALL PL PT</b></p> <p><b>DESCRIPTION: REHAB EX MH CALL PLAN POINT</b></p>	<p><b>NAME: REHAB EX MH CALL PLAN</b></p> <p><b>DESCRIPTION: REHB EX MH CALLOUT PLAN</b></p>



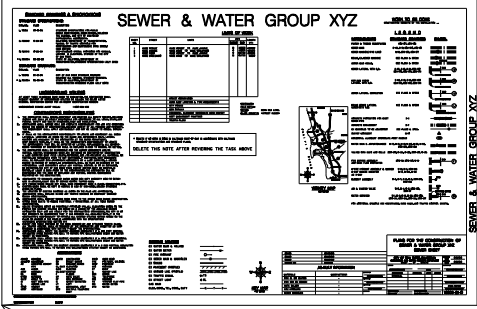
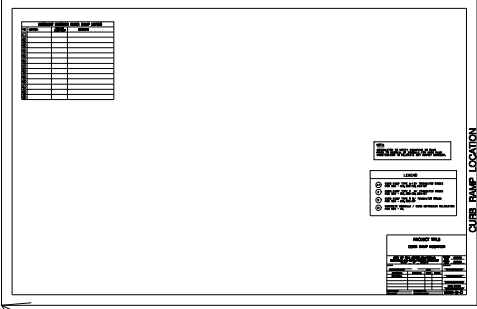
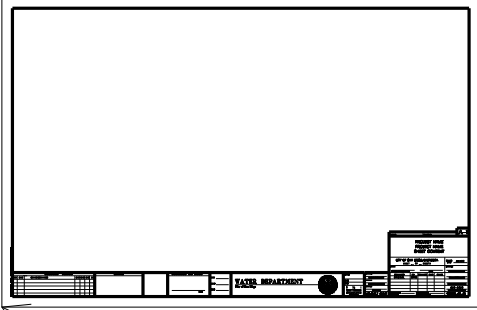
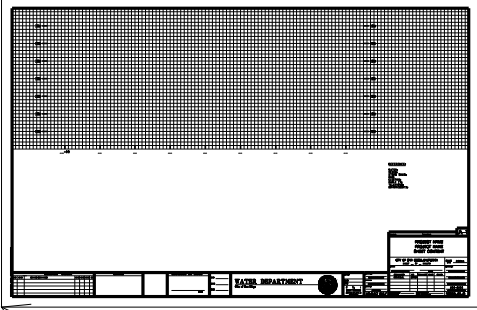
## V8 CITY PROPOSED.CEL

	
<p>NAME: REHAB EX MH CALL PROF</p> <p>DESCRIPTION: REHAB EX MH CALLOUT PROF</p>	<p>NAME: SHEET 1-10 WSD</p> <p>DESCRIPTION: SHEET 1-10 WSD</p>
	
<p>NAME: SHEET ANSI20 WSD</p> <p>DESCRIPTION: SHEET ANSI20 WSD</p>	<p>NAME: SHEET ANSI40 WSD</p> <p>DESCRIPTION: SHEET ANSI40 WSD</p>

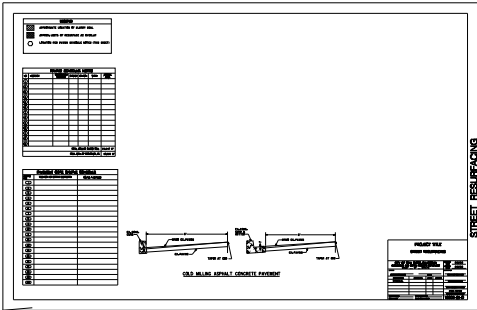
## V8 CITY PROPOSED.CEL

 <p>Origin</p>	 <p>Origin</p>
<p>NAME: SHEET B</p> <p>DESCRIPTION: B SHEET</p>	<p>NAME: SHEET CITY FOR</p> <p>DESCRIPTION: SHEET CITY FORCES</p>
 <p>Origin</p>	 <p>Origin</p>
<p>NAME: SHEET COVER LARGE</p> <p>DESCRIPTION: SHEET COVER LARGE</p>	<p>NAME: SHEET COVER WATER</p> <p>DESCRIPTION: SHEET COVER WATER</p>

## V8 CITY PROPOSED.CEL

 <p>Origin</p>	 <p>Origin</p>
<p>NAME: SHEET COVER WSD</p> <p>DESCRIPTION: SHEET COVER WSD 12/6/2004</p>	<p>NAME: SHEET CURB RAMP WSD</p> <p>DESCRIPTION: SHEET CURB RAMP WSD</p>
 <p>Origin</p>	 <p>Origin</p>
<p>NAME: SHEET PLAN WATER</p> <p>DESCRIPTION: SHEET PLAN WATER</p>	<p>NAME: SHEET PP WATER</p> <p>DESCRIPTION: SHEET PLAN/PROFILE WATER</p>

V8 CITY PROPOSED.CEL



STREET RESURFACING

Origin

NAME: SHEET RESURFACING  
WSD

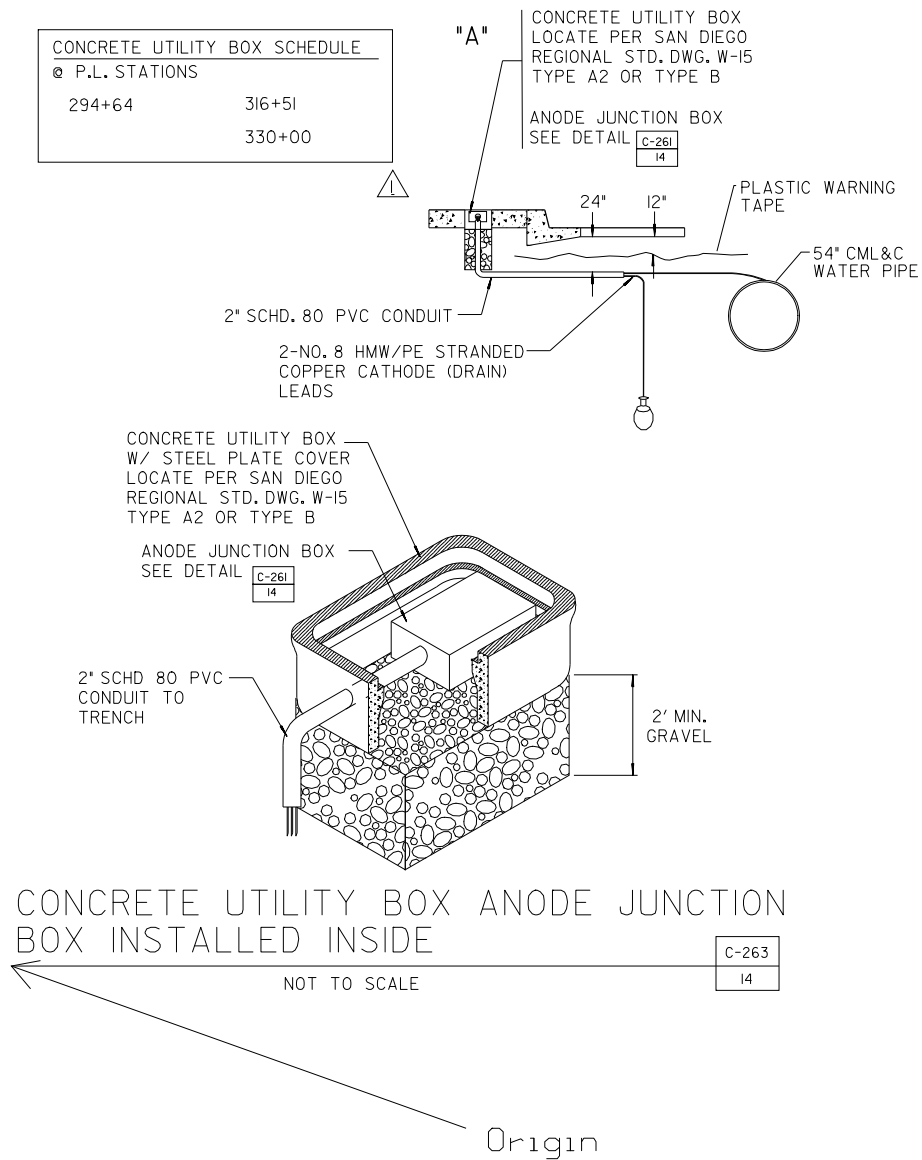
DESCRIPTION: SHEET RESURFACING  
WSD

## Appendix D

### **V8 City Details.cel**

## V8 CITY DETAILS.CEL

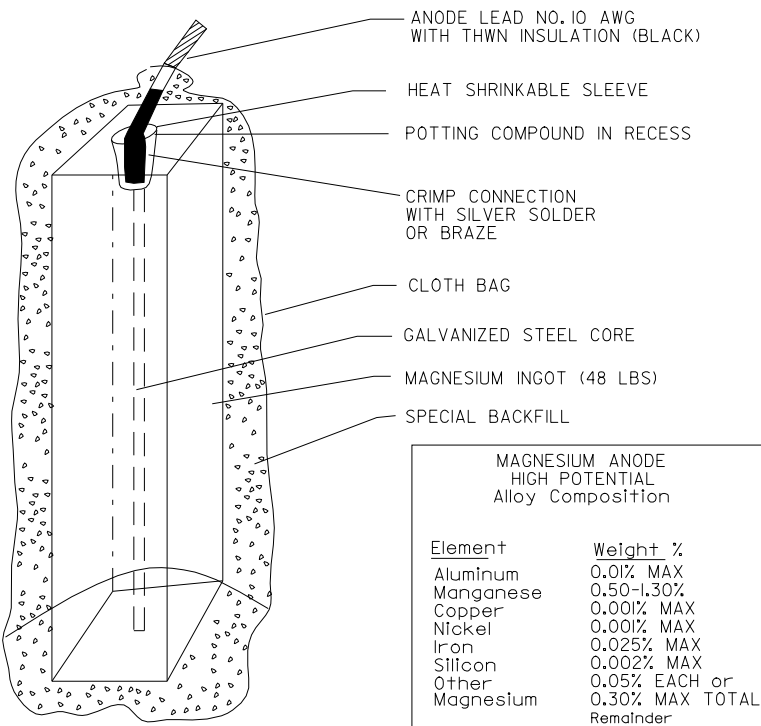
CONCRETE UTILITY BOX SCHEDULE	
@ P.L. STATIONS	
294+64	316+51
	330+00



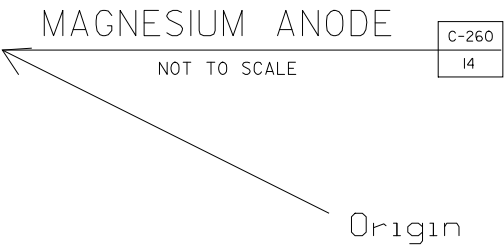
NAME: ANODE JBOX

DESCRIPTION: ANODE JUNCTION BOX

V8 CITY DETAILS.CEL



- NOTES :
- 1. SEE TECHNICAL SPECIFICATONS FOR ANODE INSTALLATION REQUIREMENTS.
  - 2. DO NOT SUSPEND ANODE WITH LEAD WIRE.
  - 3. APPROXIMATE MAGNESIUM INGOT SIZE: 6" X 5" X 32" LONG. WT. 48 POUNDS.

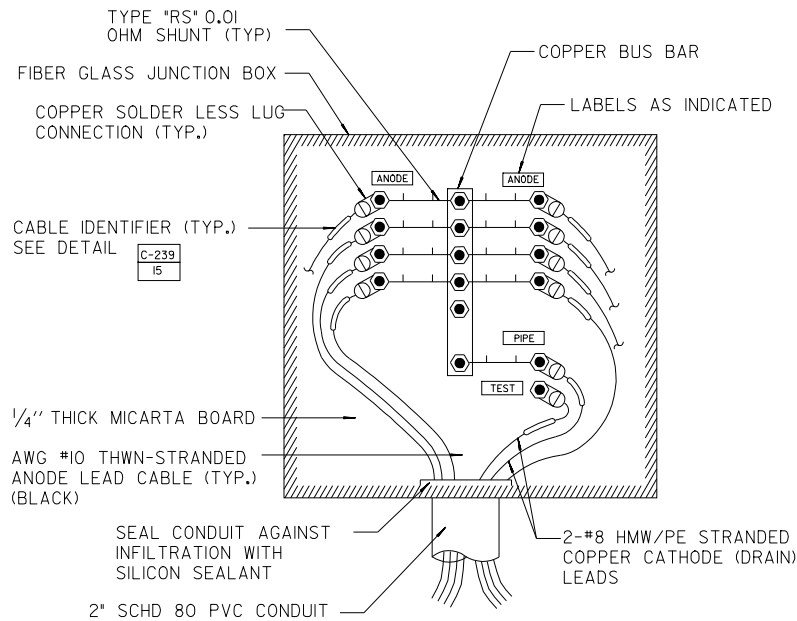


NAME: ANODE MAGNESIUM

DESCRIPTION: ANODE MAGNESIUM

V8 CITY DETAILS.CEL

ANODE JUNCTION BOX SCHEDULE	
@ P.L. STATIONS	
294+64	316+51
	330+00



- NOTE :
- 1. NUMBER OF ANODES AS REQUIRED SEE ANODE SCHEDULE ON C-259 I4
  - 2. ANODES SHALL NOT BE CONNECTED UNTIL NATIVE POTENTIALS HAVE BEEN MEASURED.

TYPICAL ANODE JUNCTION BOX  
MULTIPLE ANODE INSTALLATION C-261 I4

NOT TO SCALE

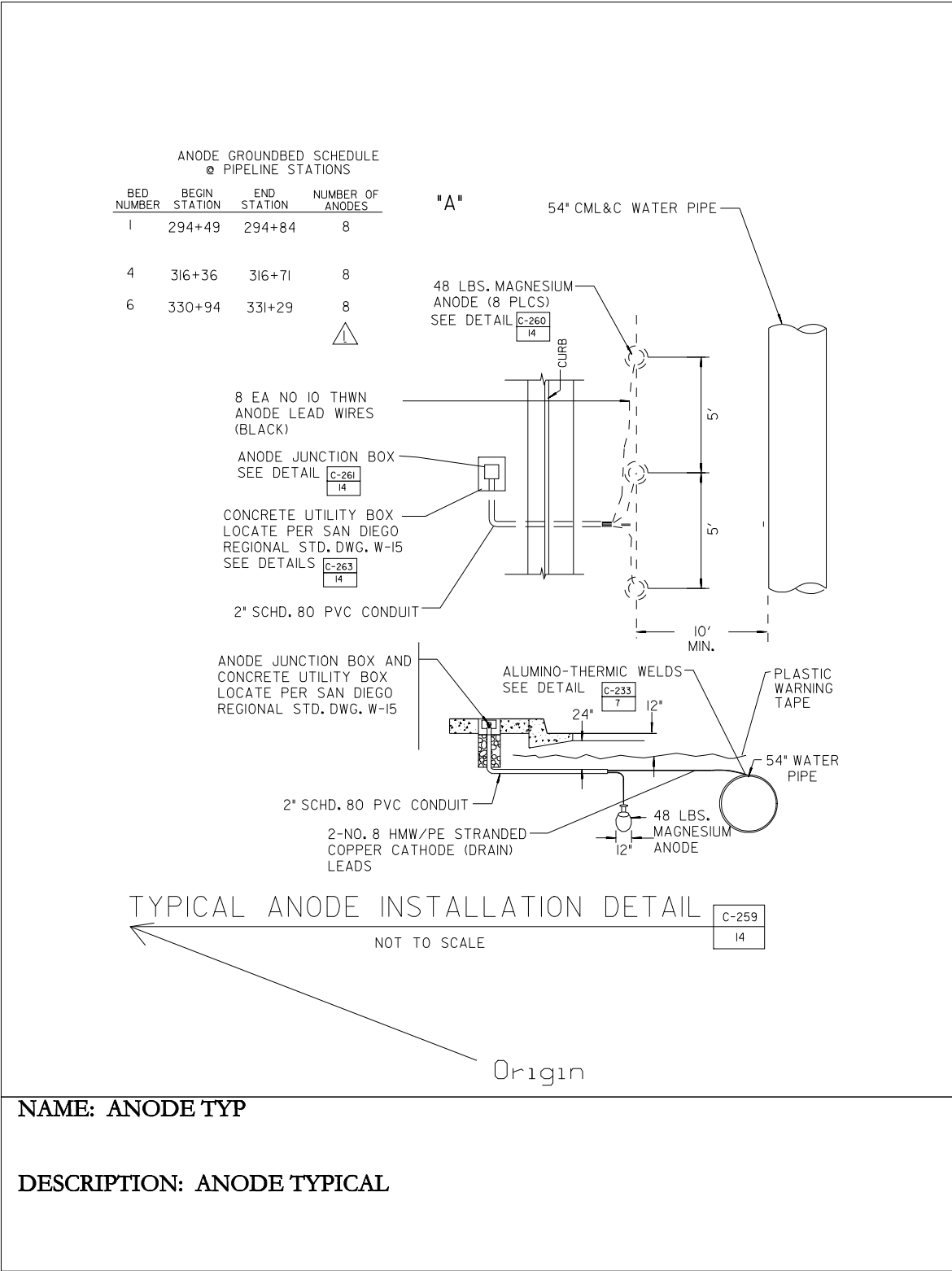
Origin

NAME: ANODE MULTI JBOX

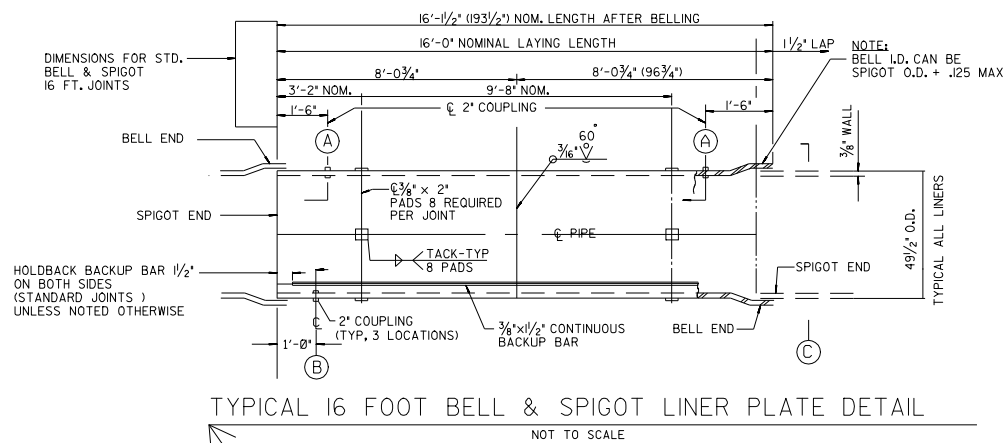
DESCRIPTION: ANODE MULTIPLE  
JUNCTION BOX



V8 CITY DETAILS.CEL



## V8 CITY DETAILS.CEL

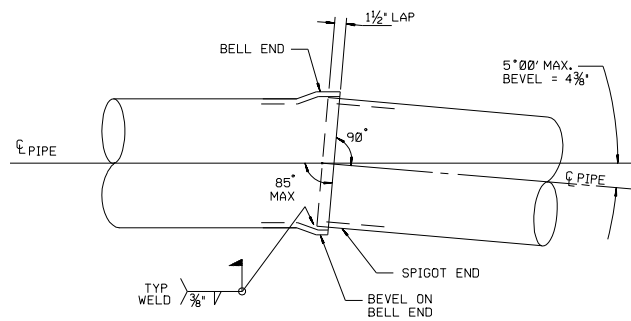


Origin

NAME: BELL SPIGOT LINER  
PLATE

DESCRIPTION: BELL SPIGOT LINER  
PLATE

## V8 CITY DETAILS.CEL



TYPICAL FIELD JOINTS - WELDED BELL &amp; SPIGOT W/BEVELED JOINTS

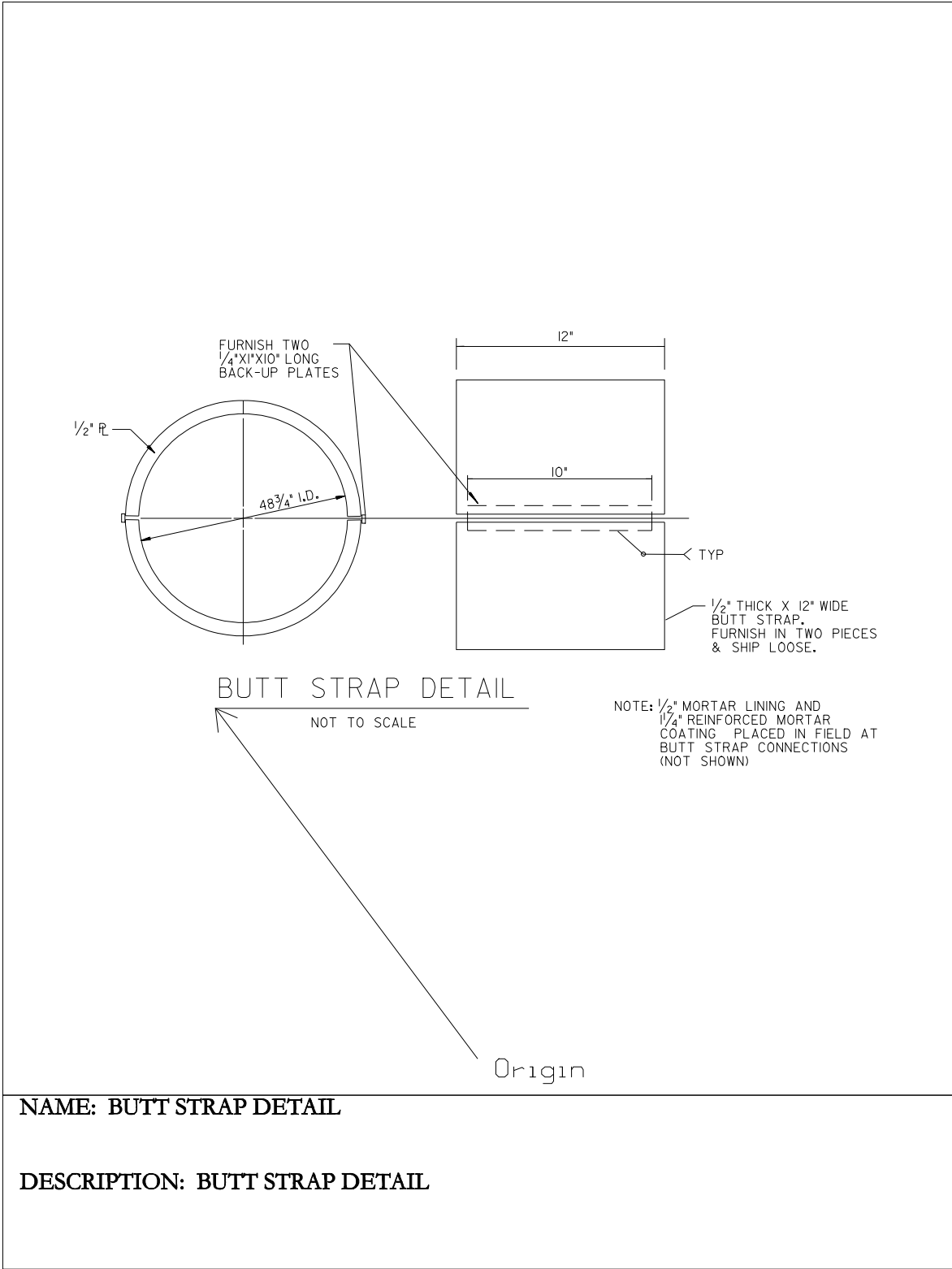
NOT TO SCALE

Origin

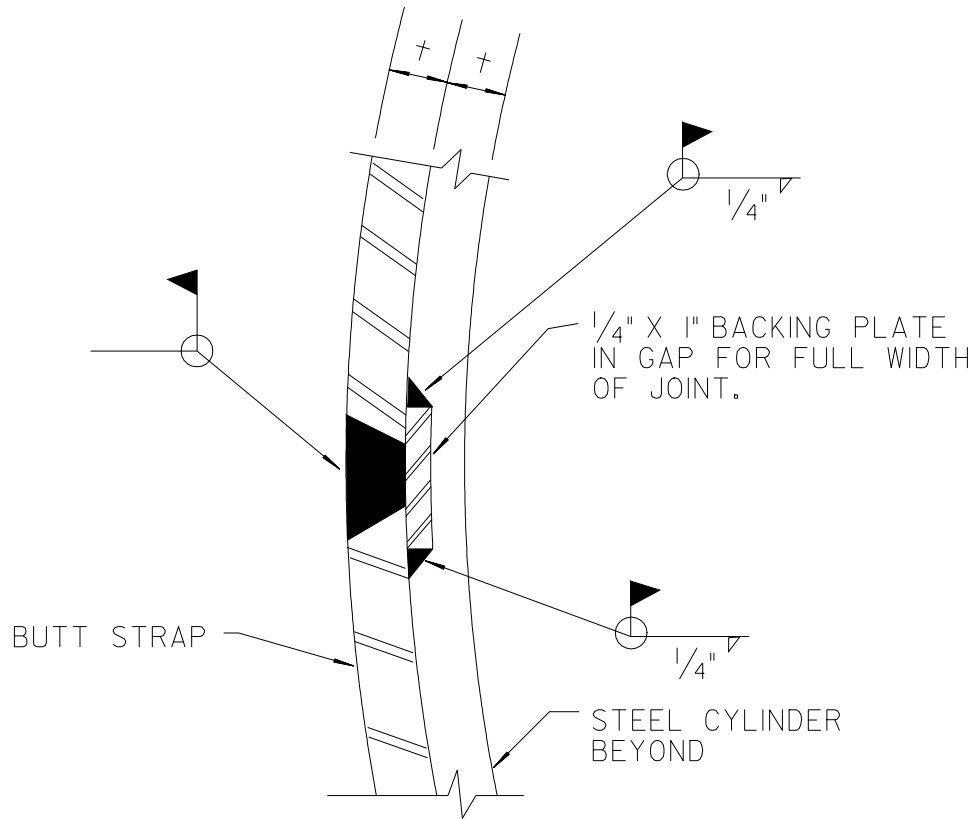
NAME: BELL SPIGOT WELD

DESCRIPTION: BELL SPIGOT WELD

V8 CITY DETAILS.CEL

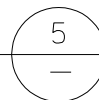


## V8 CITY DETAILS.CEL



BUTT STRAP SPLICE

NOT TO SCALE

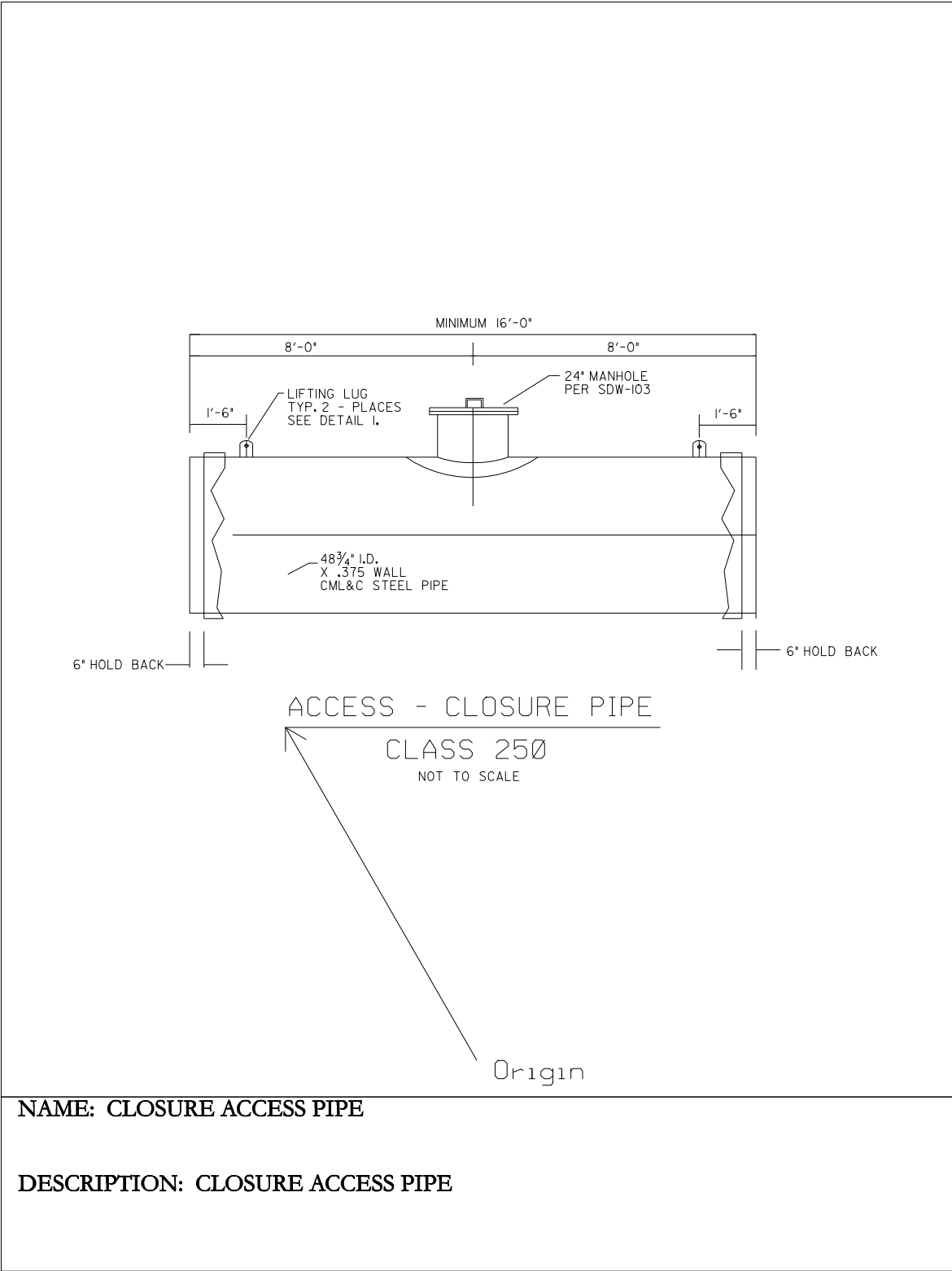


Origin

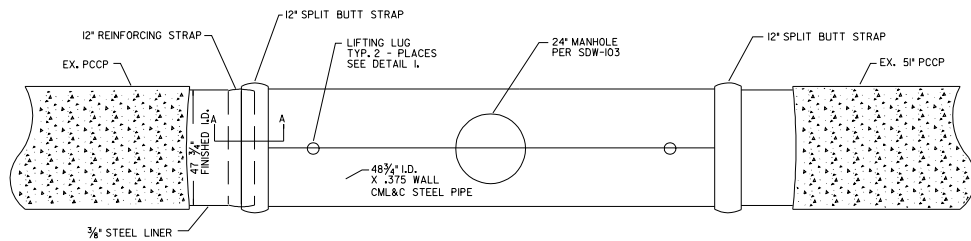
NAME: BUTT STRAP SPLICE

DESCRIPTION: BUTT STRAP SPLICE

V8 CITY DETAILS.CEL



## V8 CITY DETAILS.CEL



CLOSURE DETAIL (PLAN VIEW)  
CLASS 250  
NOT TO SCALE

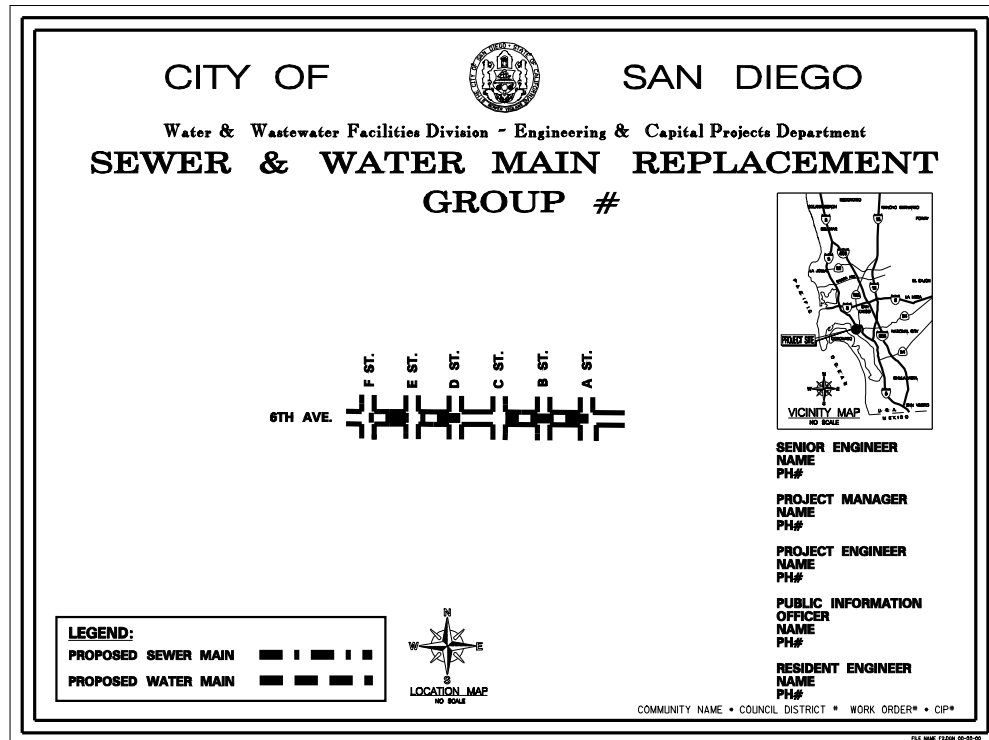
NOTE:  
INSIDE DIAMETER OF CONNECTING ENDS  
OF CLOSURE PIECE SHALL BE VERIFIED  
PRIOR TO SHOP DRAWING SUBMITTAL.

Origin

NAME: CLOSURE DETAIL

DESCRIPTION: CLOSURE DETAIL

## V8 CITY DETAILS.CEL



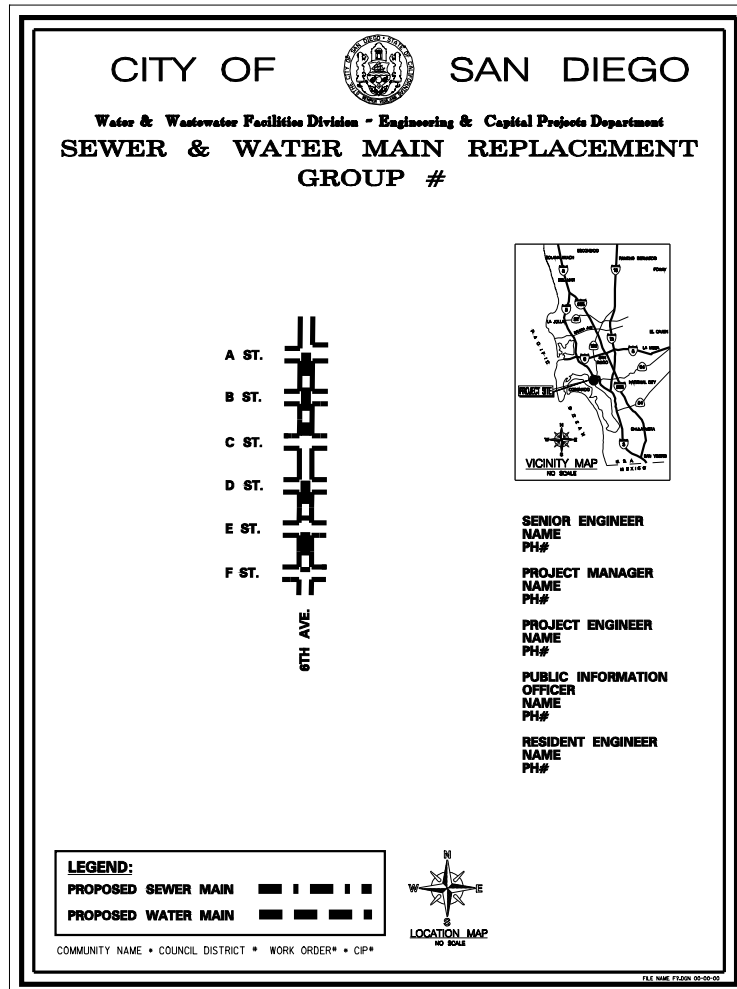
Origin

NAME: COMM DISPLAY HORIZ

DESCRIPTION: COMMUNITY DISPLAY  
HORIZ



## V8 CITY DETAILS.CEL

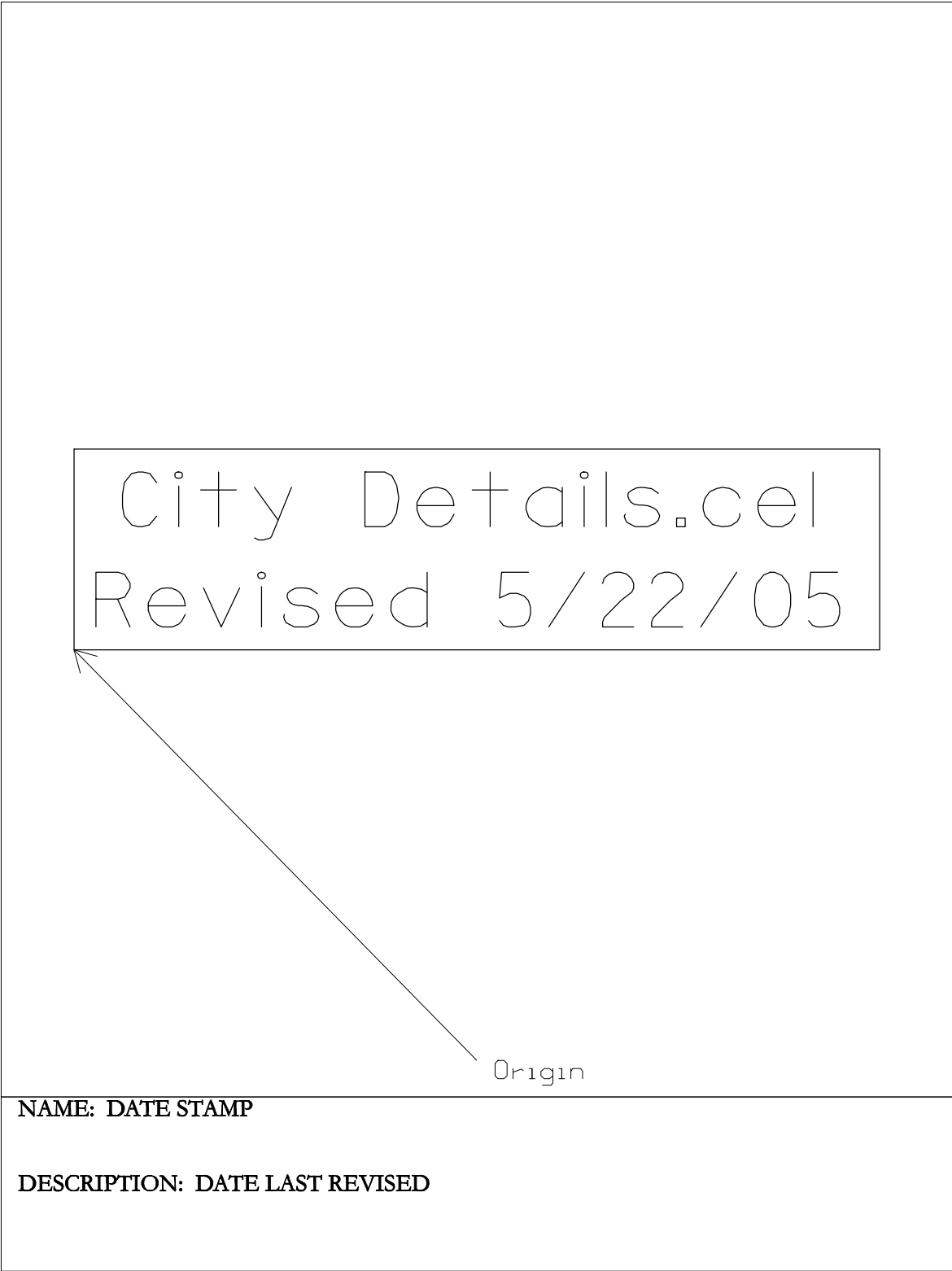


Origin

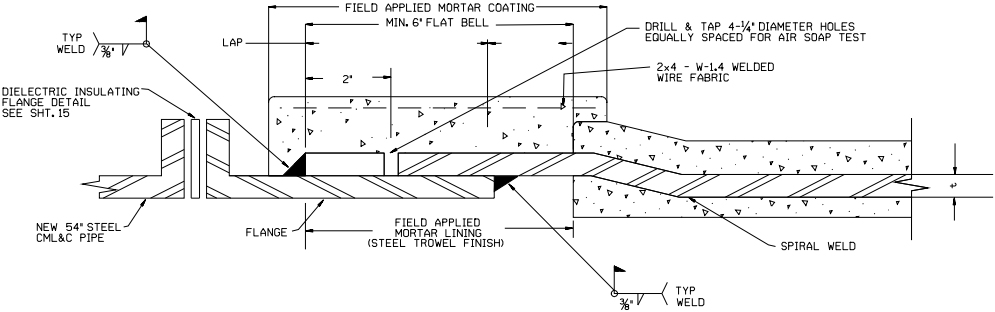
NAME: COMM DISPLAY VERT

DESCRIPTION: COMMUNITY DISPLAY  
VERT

# V8 CITY DETAILS.CEL



V8 CITY DETAILS.CEL



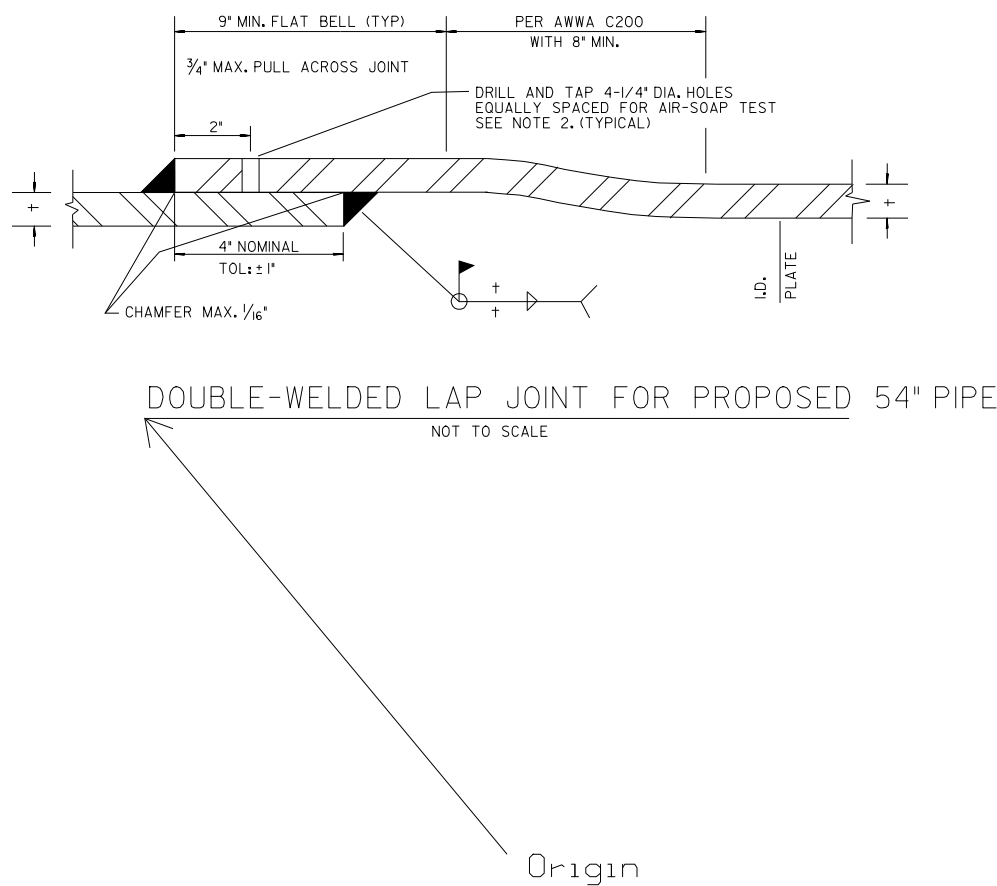
DOUBLE WELDED FIELD JOINT DETAIL  
FOR EX. 54" SPIRAL WELDED STEEL BELL  
TO NEW 54" STEEL FLANGED  
NOT TO SCALE

Origin

NAME: DBL WELD FIELD JOINT

DESCRIPTION: DOUBLE WELDD FIELD  
JOINT

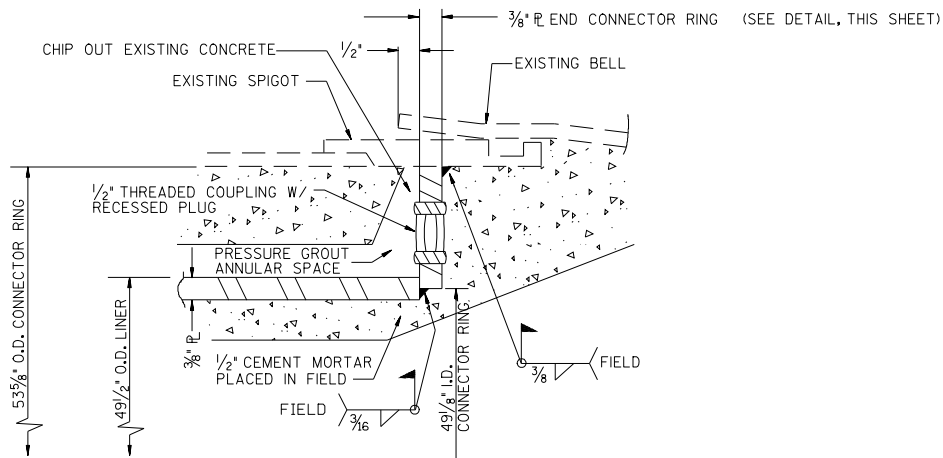
## V8 CITY DETAILS.CEL



NAME: DBL WELD LAP JOINT

DESCRIPTION: DOUBLE WELD LAP JOINT

## V8 CITY DETAILS.CEL



END CONNECTION DETAIL

NOT TO SCALE

SHOWN

1  
—2R  
—

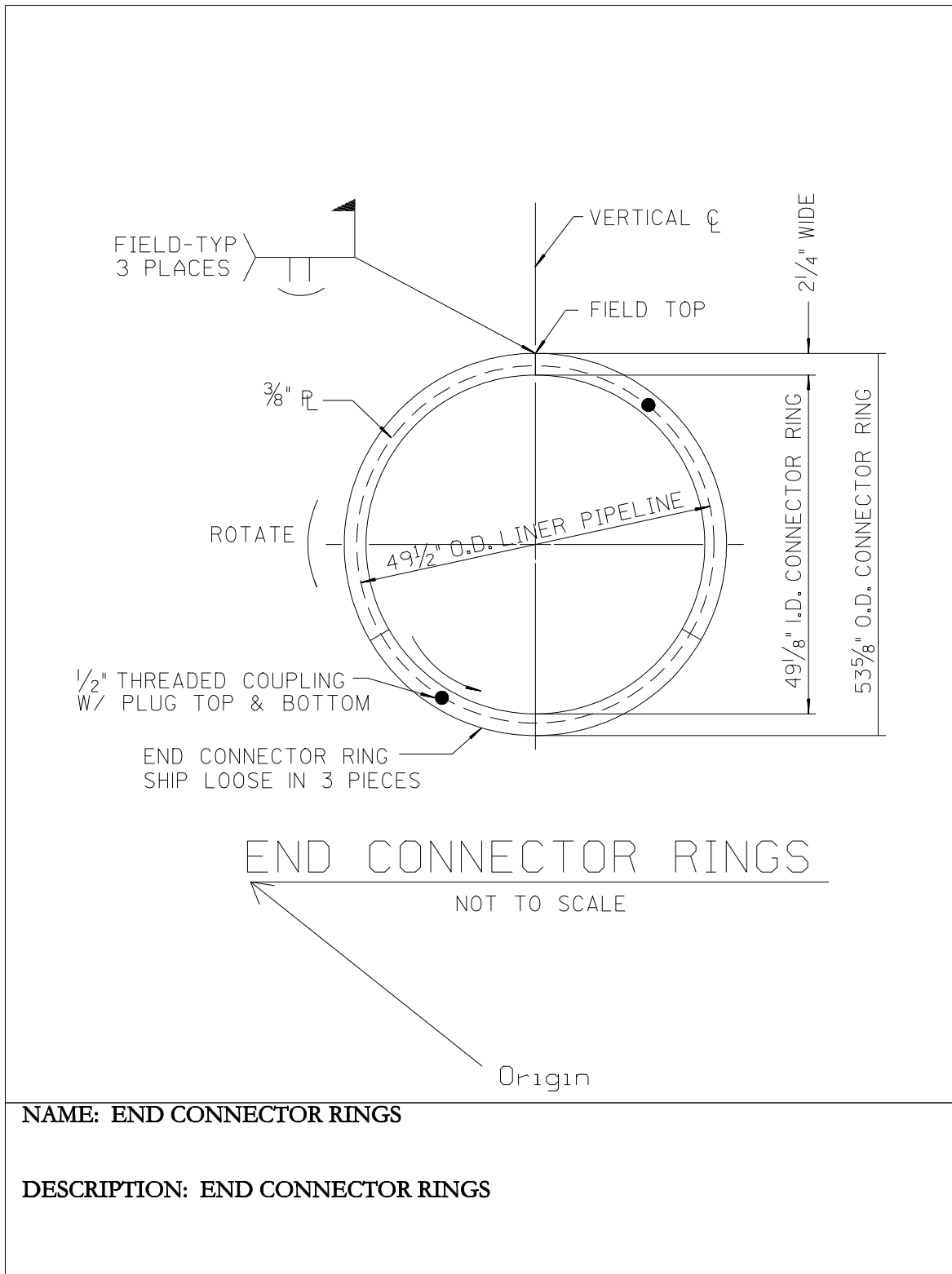
LINER PL REVERSE SIDE

Origin

NAME: END CONNECTION

DESCRIPTION: END CONNCETION

## V8 CITY DETAILS.CEL



V8 CITY DETAILS.CEL

PIPE SURFACE

GRAPHITE MOLD

METAL WELD

DISC

CABLE

PIPE WALL

COMPATIBLE COATING AND ROYSTON WELD CAP

NOTES

REV. I-94

1. CLEAN AREA OF STEEL SURFACE APPROXIMATELY 2'X2' FOR EACH CADWELD CONNECTION. WIRE BRUSH AND SCRAPE TO OBTAIN SPCC-SP-5 WHITE METAL SURFACE FINISH

2. STRIP CABLE END AND TWIST TO FIT CADWELD MOLD. MINIMUM SPACING BETWEEN WELDS WILL BE DETERMINED BY MOLD GEOMETRY, NOMINALLY 6'.

3. HOLD MOLD FIRMLY AGAINST PIPE WITH OPENING AWAY FROM OPERATOR. IGNITE EITH FLINT GUN.

4. REMOVE ALL WELD SLAG AND SPATTER, SHARP EDGES AND BURRS WITH METAL FILE.

5. WIPE PIPE SURFACE WITH CLEAN, OIL FREE RAGS TO REMOVE ANY LOOSE DUST.

6. COAT CADWELD AND 6" OF CABLE TAIL WITH COMPATIBLE COATING, SUCH THAT ALL CORNERS ARE FILLED. THE COATING SHALL EXTEND FOR AT LEAST 2' AROUND THE CADWELD.

7. CADWELD CARTRIDGE SHALL BE COMPATIBLE TO STEEL MATERIALS. MULTIPLE CARTRIDGE CHARGES SHALL NOT BE USED. IF A EXOTHERMIC WELD MUST BE REPEATED, A NEW PIPE SURFACE MUST BE PREPARED AT LEAST 6' FROM THE ORIGINAL WELD ATTEMPT. MORE THAN ONE WELD ATTEMPT ON THE SAME SPOT SHALL NOT BE PERMITTED.

8. TEST STRENGTH OF CONNECTION BY TAPPING WITHA 22-OUNCE HAMMER.

REMOVE COATING FROM AN AREA 8" X 6" (TYP.)

ORIGINAL COATING (TYP.)

COAT CADWELD AND CABLE SEE NOTE 6 (TYP.)

EXOTHERMIC WELD

NOT TO SCALE

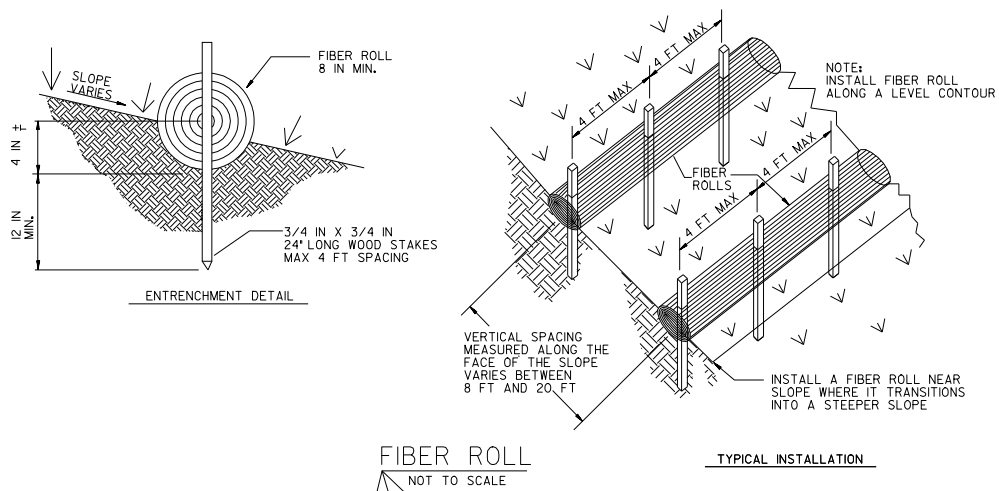
Origin

C-233
15

NAME: EXOTHERMIC WELD

DESCRIPTION: EXOTHERMIC WELD

## V8 CITY DETAILS.CEL



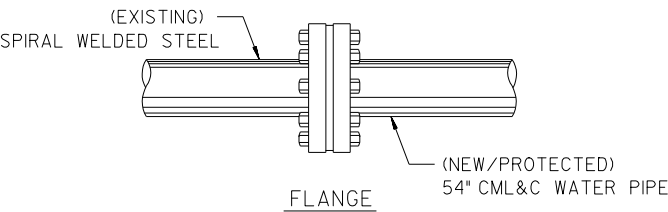
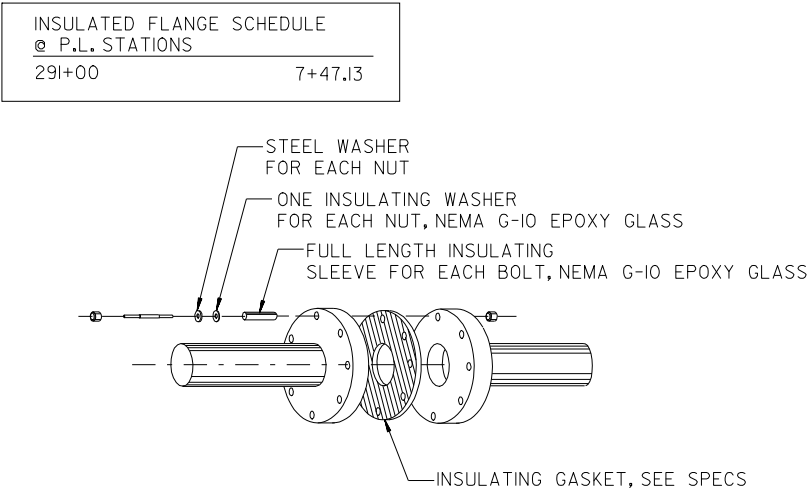
Origin

NAME: FIBER ROLL

DESCRIPTION: FIBER ROLL



V8 CITY DETAILS.CEL



NOTE: FOR BOND REQUIREMENTS SEE DETAIL 

C253
15

DIELECTRIC INSULATING FLANGE 

C-255
15

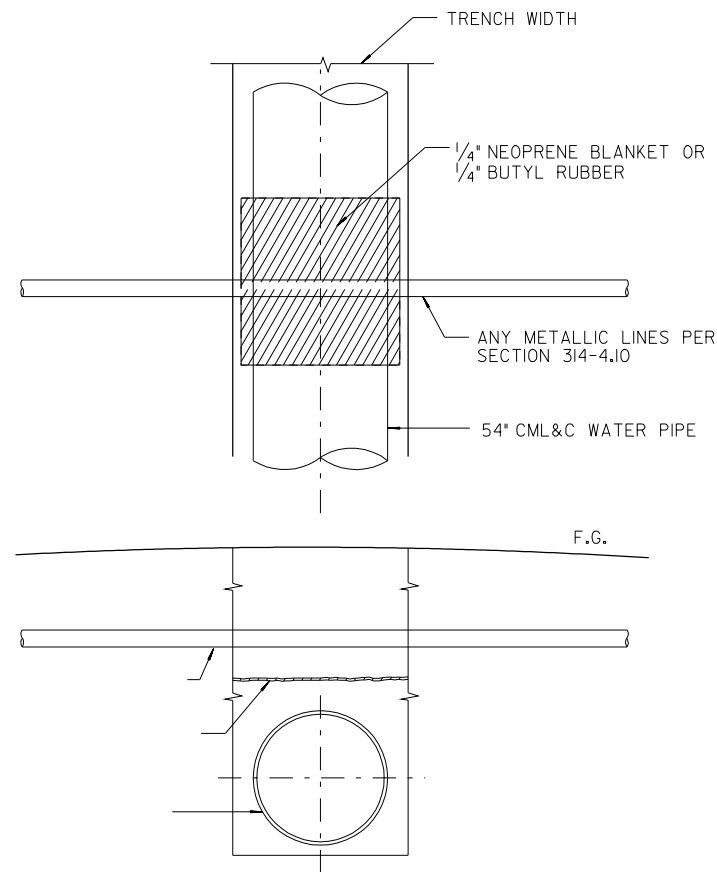
NOT TO SCALE

Origin

NAME: INSUL FLANGE  
DIELECTRIC

DESCRIPTION: INSULATION FLANGE  
FIELECTRIC

V8 CITY DETAILS.CEL



INSULATING SHEET DETAIL

C-257
14

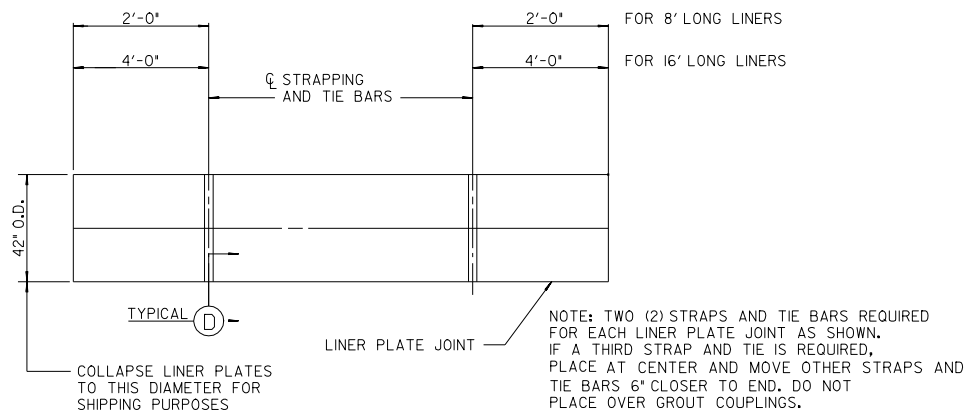
NOT TO SCALE

Origin

NAME: INSUL SHEET

DESCRIPTION: INSULATION SHEET

## V8 CITY DETAILS.CEL



DETAIL- LINER PLATE STRAPPING FOR SHIPPING

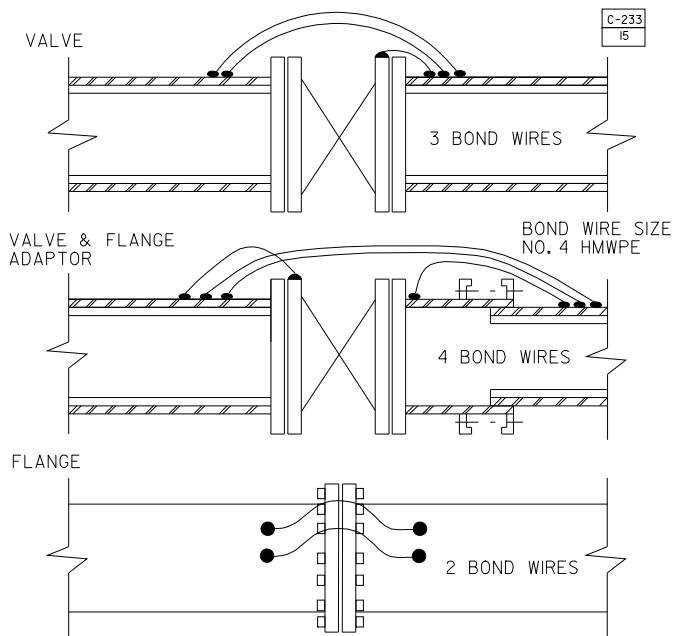
NOT TO SCALE

Origin

NAME: LINER PLATE STRAP

DESCRIPTION: LINER PLATE STRAPPING

V8 CITY DETAILS.CEL



- NOTES :
- 1. 3 WIRES ACROSS ASSEMBLY JOINT FOR PIPE LARGER THAN 24". DETAIL SHOWN FOR 24" OR SMALLER PIPE.
  - 2. REPAIR COATING AT WELDS.
  - 3. BOND WIRES SHALL BE AS SHORT AS POSSIBLE.
  - 4. FIELD COAT ASSEMBLY VALVES, FLANGE, COUPLINGS, ETC. PER AWWA C217 PETROLATUM WAX TAPE COATING.

MECHANICAL JOINT BONDING

NOT TO SCALE

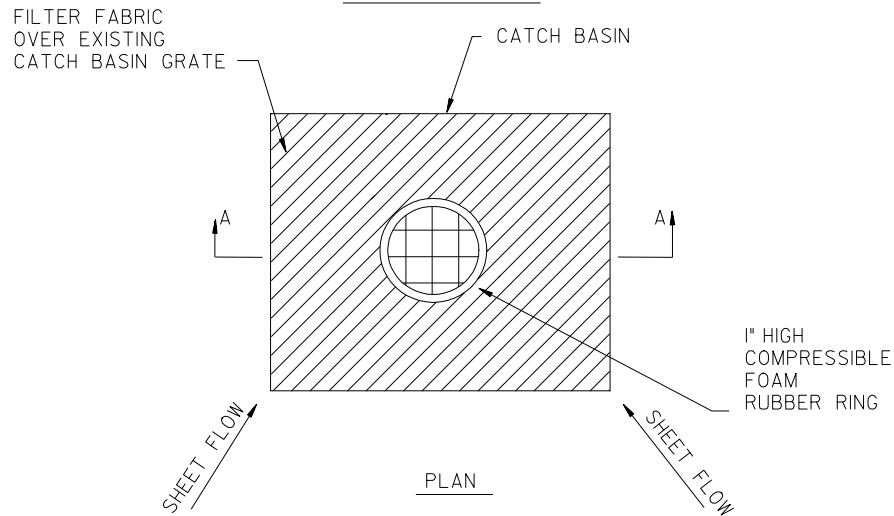
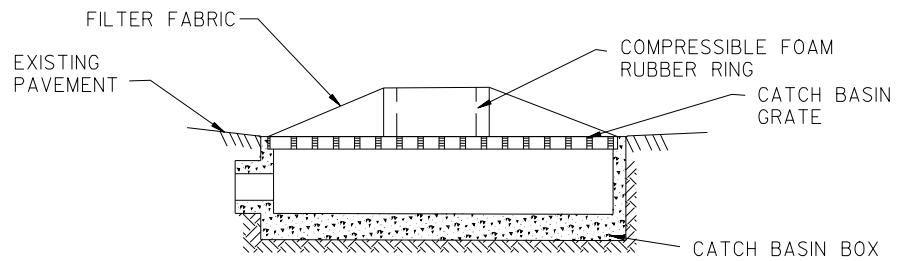
C-262  
14

Origin

NAME: MECH JOINT

DESCRIPTION: MECHANICAL JOINT

## V8 CITY DETAILS.CEL

CATCH BASIN INLET PROTECTION  
IN PAVED AREAS

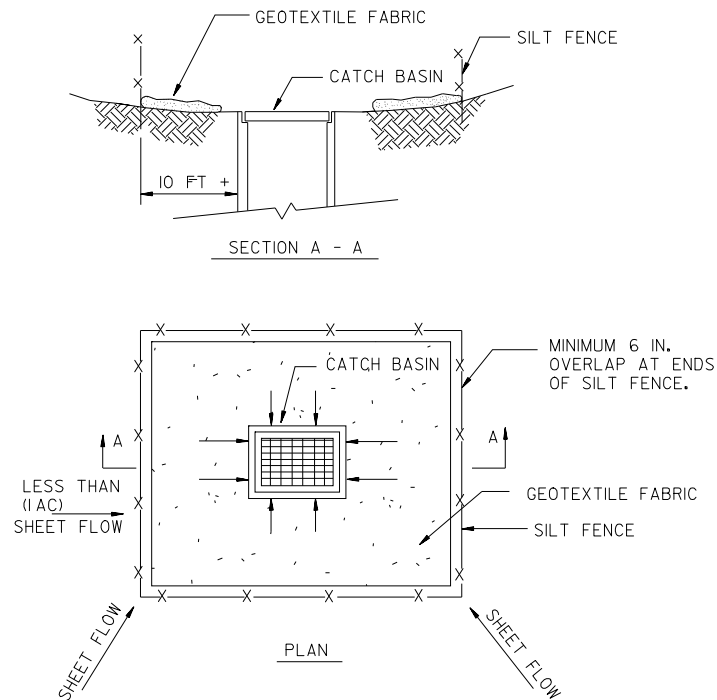
NOT TO SCALE

Origin

NAME: SD CB PROTECTION 1

DESCRIPTION: SD CATCH BASIN  
PROTECTION 1

## V8 CITY DETAILS.CEL



## NOTES:

1. FOR USE IN AREAS WHERE GRADING HAS BEEN COMPLETED AND FINAL SOIL STABILIZATION AND SEEDING ARE PENDING
2. NOT APPLICABLE FOR PAVED AREAS
3. NOT APPLICABLE WITH CONCENTRATED FLOWS

CATCH BASIN INLET PROTECTION  
IN GRADED AREAS

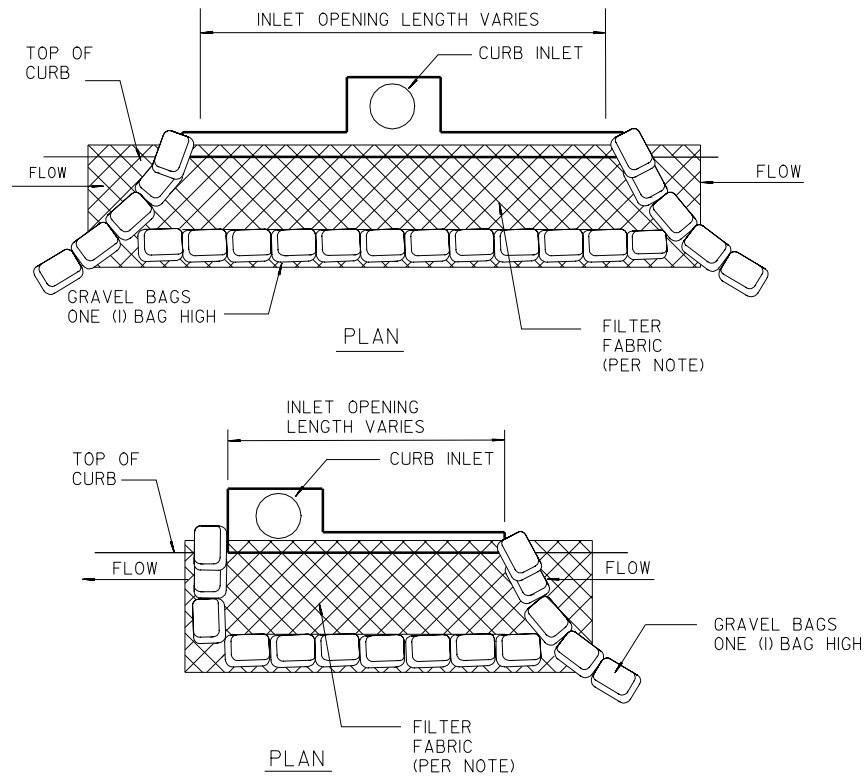
NOT TO SCALE

Origin

NAME: SD CB PROTECTION 2

DESCRIPTION: SD CATCH BASIN  
PROTECTION 2

## V8 CITY DETAILS.CEL



NOTE: FILTER FABRIC  
 MATERIAL: POLYETHYLENE OR POLYPROPYLENE FABRIC  
 FABRIC WEIGHT: MINIMUM 4 OZ./ SQUARE YARD  
 MINIMUM WATER FLOW RATE: 125 GPM/SF (PER ASTM D4491)  
 MINIMUM TENSILE STRENGTH: 120 LBS. (PER ASTM D4632)

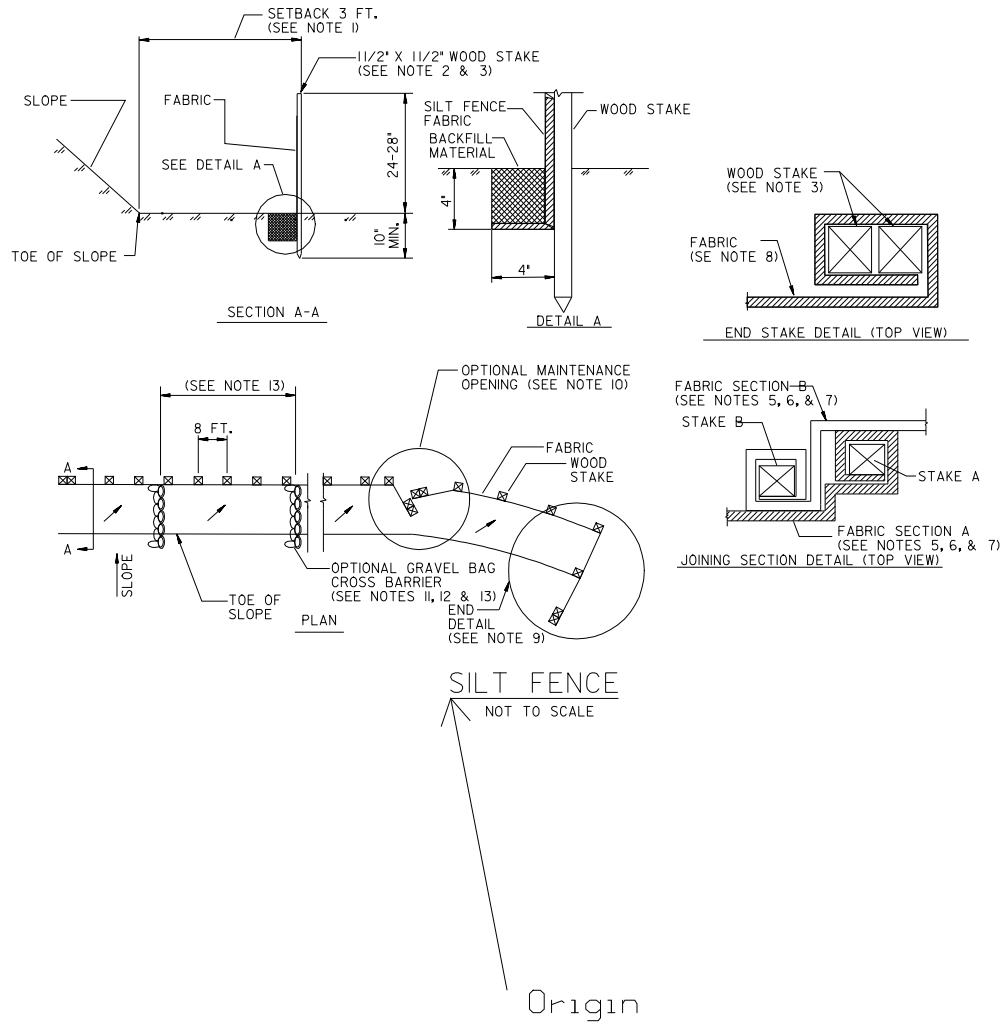
STORM DRAIN INLET PROTECTION  
 NOT TO SCALE

Origin

NAME: SD INLET PROTECTION

DESCRIPTION: SD INLET PROTECTION

## V8 CITY DETAILS.CEL

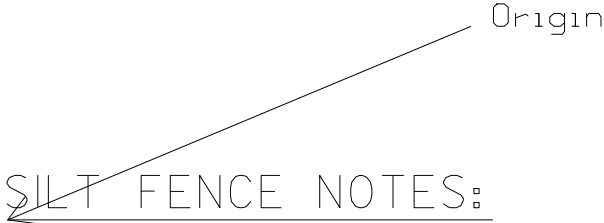


NAME: SILT FENCE DETAIL

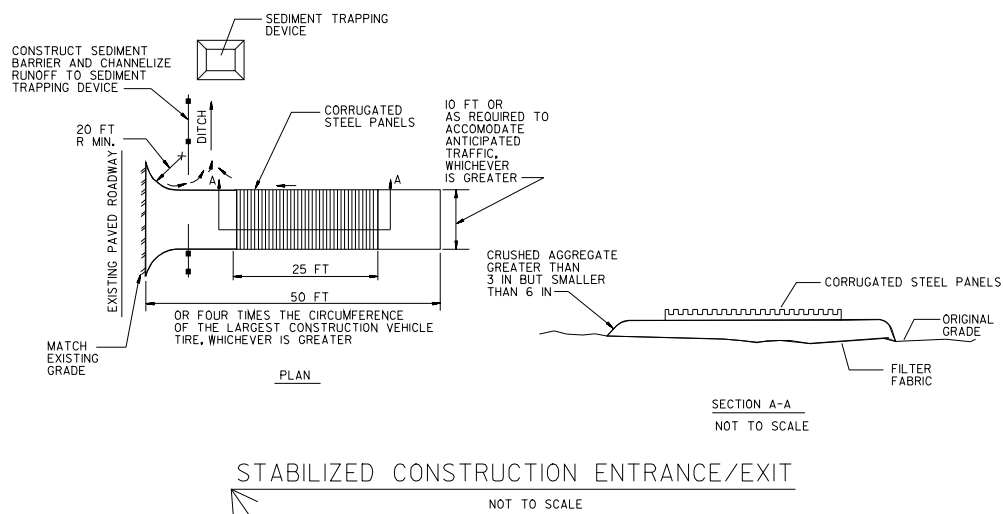
DESCRIPTION: SILT FENCE DETAIL



# V8 CITY DETAILS.CEL

 <p><b>SILT FENCE NOTES:</b></p> <ol style="list-style-type: none"> <li>1. SETBACK DISTANCE MAY VARY TO FIT FIELD CONDITION.</li> <li>2. STAKES SHALL BE SPACED AT 8 FT MAXIMUM AND SHALL BE POSITIONED ON DOWNSTREAM SIDE OF FENCE.</li> <li>3. STAKE DIMENSIONS ARE NOMINAL.</li> <li>4. MINIMUM 4 STAPLES PER STAKE.</li> <li>5. AT JOINING SECTION, STAKES TO OVERLAP AND FENCE FABRIC TO FOLD AROUND EACH STAKE ONE FULL TURN. SECURE FABRIC TO STAKE WITH 4 STAPLES.</li> <li>6. STAKES SHALL BE DRIVEN TIGHTLY TOGETHER TO PREVENT POTENTIAL FLOW-THROUGH OF SEDIMENT AT JOINT. THE TOPS OF THE STAKES SHALL BE SECURED WITH WIRE.</li> <li>7. JOINING SECTIONS SHALL NOT BE PLACED AT SUMP LOCATIONS.</li> <li>8. FOR END STAKE, FENCE FABRIC SHALL BE FOLDED AROUND TWO STAKES ONE FULL TURN AND SECURED WITH 4 STAPLES</li> <li>9. THE LAST 8 FT OF FENCE SHALL BE TURNED UP SLOPE.</li> <li>10. MAINTENANCE OPENINGS SHALL BE CONSTRUCTED IN A MANNER TO ENSURE SEDIMENT REMAINS BEHIND SILT FENCE.</li> <li>11. CROSS BARRIERS SHALL BE A MINIMUM OF 1/3 AND A MAXIMUM OF 1/2 THE HEIGHT OF THE SILT FENCE.</li> <li>12. GRAVEL BAG ROWS AND LAYERS SHALL BE OFFSET TO ELIMINATE GAPS.</li> <li>13. CONSTRUCT THE LENGTH OF EACH REACH SO THAT THE CHANGE IN BASE ELEVATION ALONG THE REACH DOES NOT EXCEED 1/3 THE HEIGHT OF THE SILT FENCE, IN NO CASE SHALL THE REACH LENGTH EXCEED 500 FT.</li> <li>14. SEE SPECIFICATIONS FOR MATERIAL REQUIREMENTS.</li> </ol>
<p><b>NAME: SILT FENCE NOTES</b></p> <p><b>DESCRIPTION: SILT FENCE NOTES</b></p>

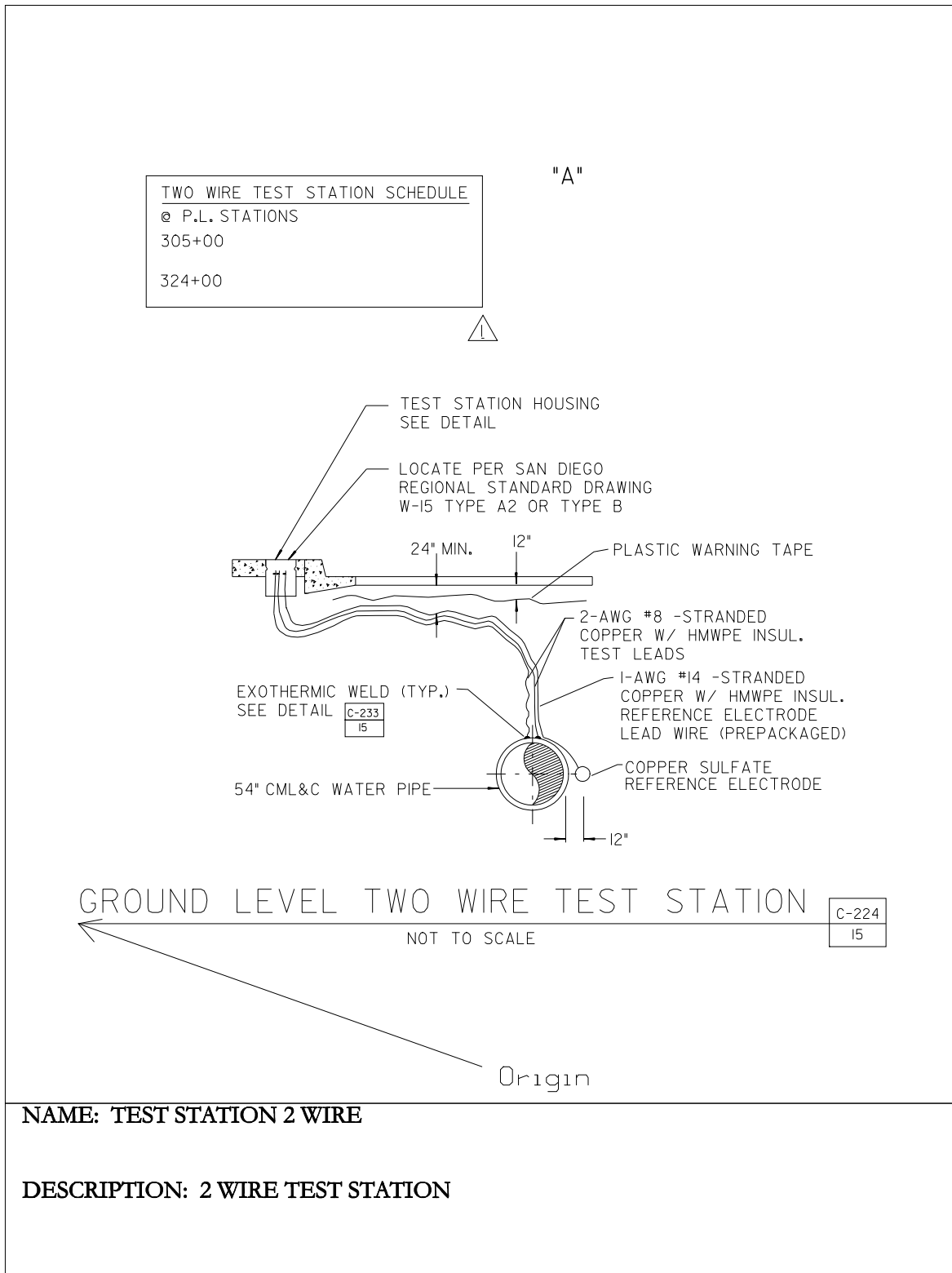
## V8 CITY DETAILS.CEL



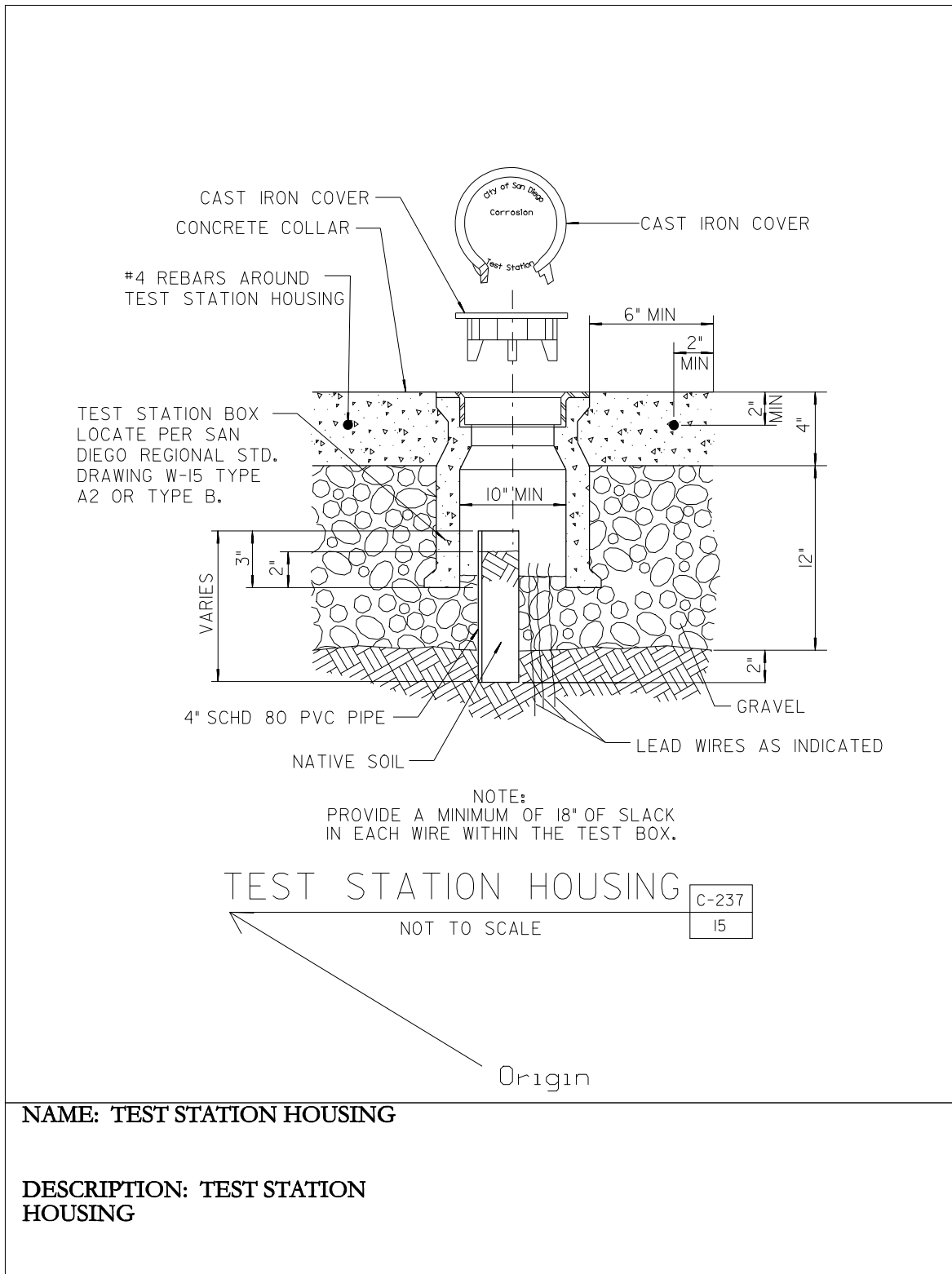
NAME: STAB CONST ENTRANCE

DESCRIPTION: STABILIZED  
CONSTRUCTION  
ENTRANCE

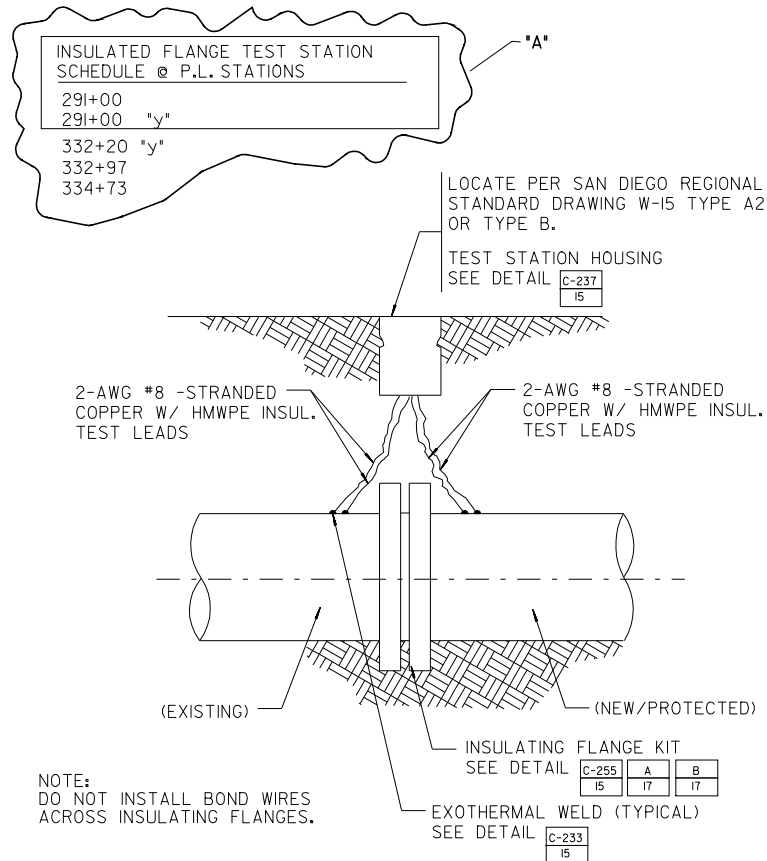
## V8 CITY DETAILS.CEL



## V8 CITY DETAILS.CEL



## V8 CITY DETAILS.CEL



INSULATING FLANGE TEST STATION  
AND BONDING

NOT TO SCALE

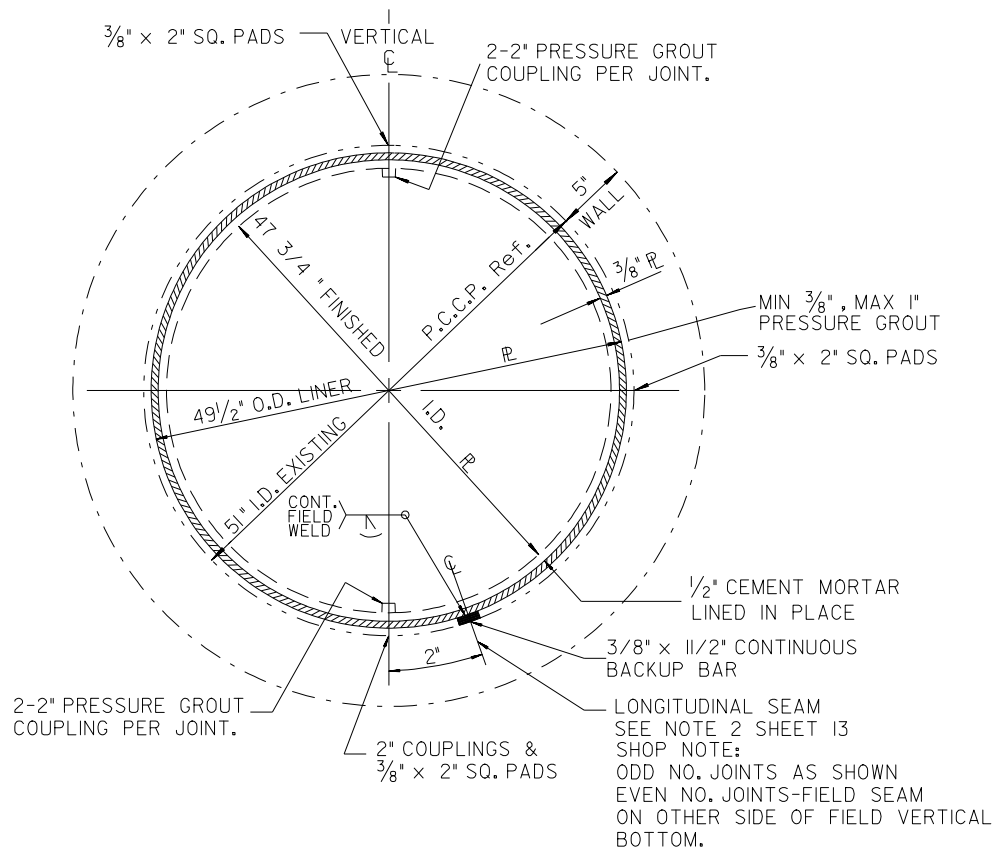
C-253
15

Origin

NAME: TEST STATION INSUL  
FLANGE

DESCRIPTION: TEST STATION  
INSULATION FLANGE

## V8 CITY DETAILS.CEL



SECTION TYPICAL



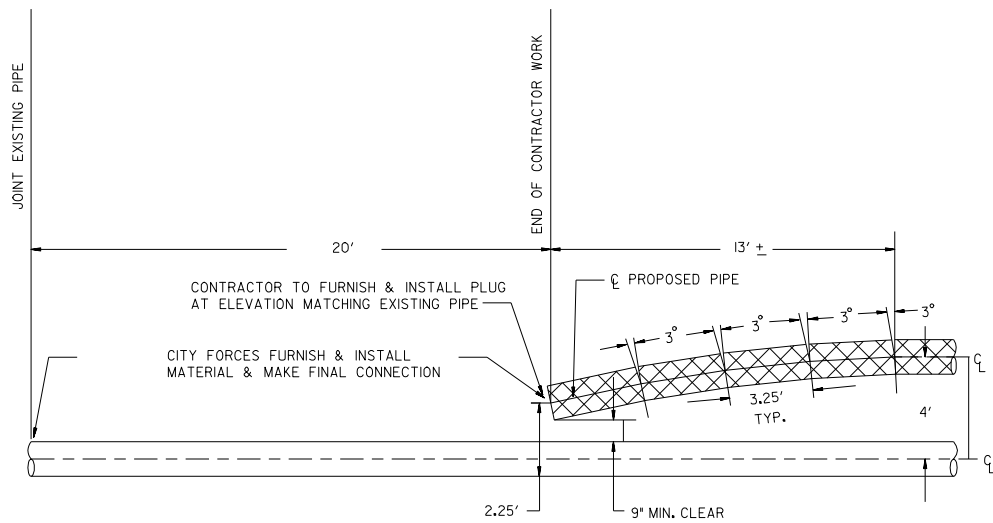
NOT TO SCALE

Origin

NAME: TYP SEC

DESCRIPTION: TYPICAL SECTION

## V8 CITY DETAILS.CEL



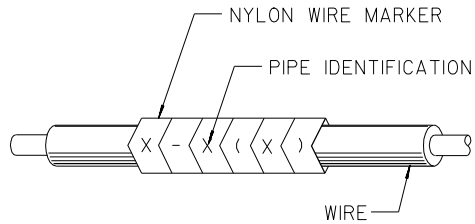
TIE-IN DETAIL "A"  
NOT TO SCALE

Origin

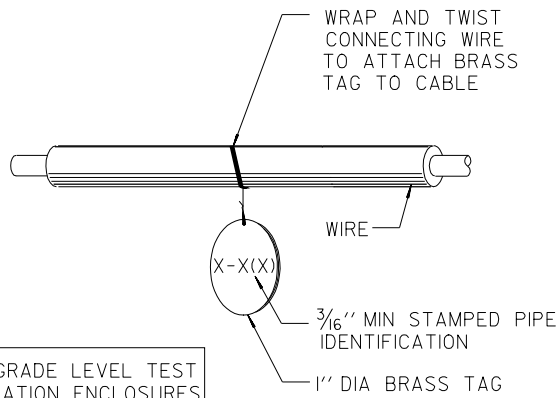
NAME: WATER HORIZ CROSSING

DESCRIPTION: WATER HORIZ  
CROSSING

## V8 CITY DETAILS.CEL



FOR USE IN JUNCTION BOXES  
AND ABOVE GRADE ENCLOSURES



FOR USE IN GRADE LEVEL TEST  
AND BOND STATION ENCLOSURES

WIRE IDENTIFIER

ALL WIRE TERMINATIONS  
NOT TO SCALE

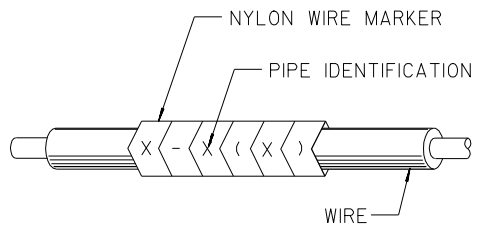
C-239  
15

Origin

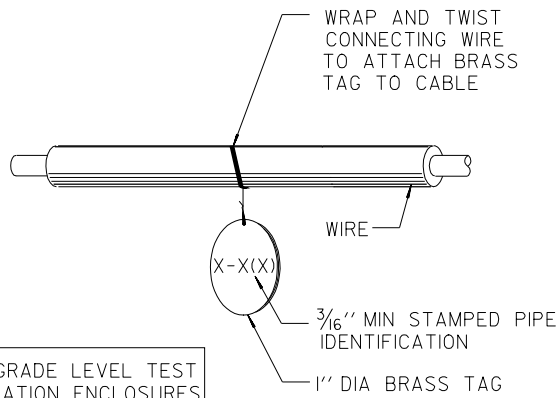
NAME: WIRE INDENTIFIER

DESCRIPTION: WIRE INDENTIFIER





FOR USE IN JUNCTION BOXES  
AND ABOVE GRADE ENCLOSURES



FOR USE IN GRADE LEVEL TEST  
AND BOND STATION ENCLOSURES

WIRE IDENTIFIER

ALL WIRE TERMINATIONS  
NOT TO SCALE

C-239  
15

Origin






**NAME: WIRE INDENTIFIER**

**DESCRIPTION: WIRE INDENTIFIER**



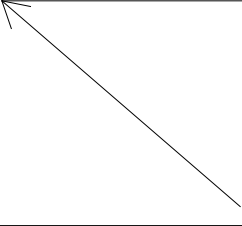
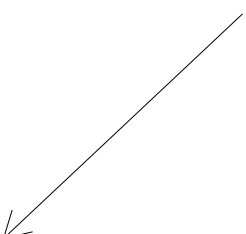
## Appendix E

### **V8 City Notes.cel**

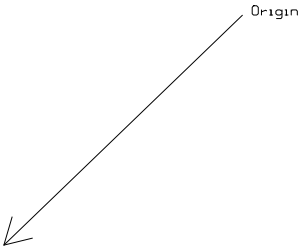
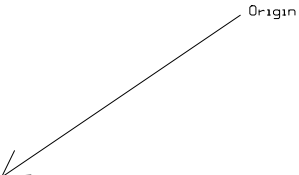
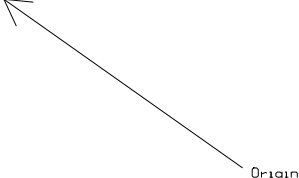
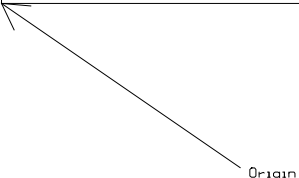
## V8 CITY NOTES.CEL

 <p>ADDENDUM A</p> <p>XX/XX</p> <p>XXXXXXXXXX</p> <p>XXXXXXXXXX</p> <p>XX-XX-02</p> <p>XX-XX-02</p> <p><b>ADDENDUM A TITLE INFO</b></p> <p>Origin</p>	 <p>AS-BUILT PER</p> <p>CITY INSPECTOR</p>  <p>AS-BUILT PER</p> <p>CITY FORCES</p> <p>XXXXXXXXXX</p> <p>XXXXXXXXXX</p> <p>XX-XX-02</p> <p>XX-XX-02</p> <p><b>AS-BUILT</b></p> <p>Origin</p>
<p><b>NAME: ADDENDUM TITLE</b></p> <p><b>DESCRIPTION: ADDENDUM A TITLE INFO</b></p>	<p><b>NAME: ASBUILT TITLE</b></p> <p><b>DESCRIPTION: ASBUILT TITLE</b></p>
 <p>BY CITY FORCES AHD OF CONTRACTOR STA. 0+00 CUT AND PLUG EX __"PIPE AFTER NEW MAIN HAS BEEN ACCEPTED. RECONNECT TO EXISTING PIPE.</p> <p>Origin</p>	 <p>CONSTRUCTION CHANGES</p> <p>XX/XX</p> <p>XXXXXXXXXX</p> <p>XXXXXXXXXX</p> <p>XX-XX-02</p> <p>XX-XX-02</p> <p><b>CONSTRUCTION CHANGES</b></p> <p>Origin</p>
<p><b>NAME: CITY FOR AHD WRK CUT PLUG</b></p> <p><b>DESCRIPTION: CITY FORCES AHEAD WORK CUT &amp; PLUG</b></p>	<p><b>NAME: CONST CHG TITLE</b></p> <p><b>DESCRIPTION: CONSTRUCTION CHANGES</b></p>

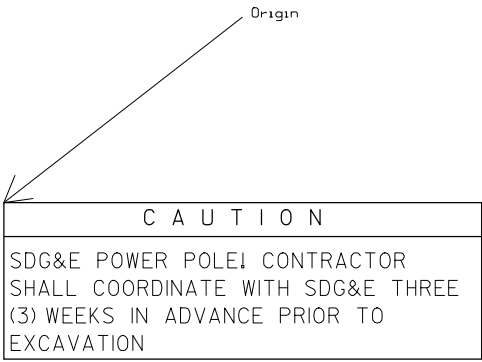
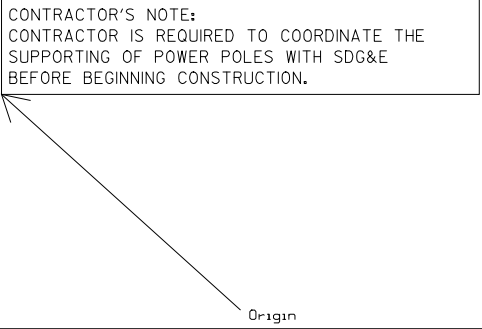
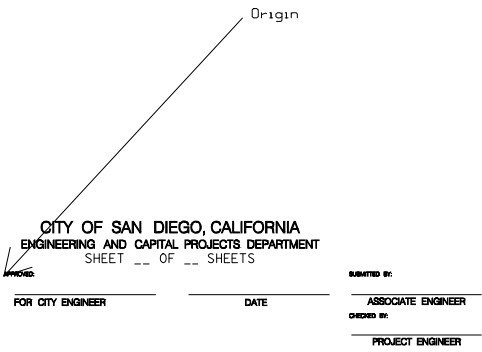
## V8 CITY NOTES.CEL

 <p>BY CONTRACTOR FURNISH &amp; INSTALL STA. 0+00 1 - 8" x 6" TEE (MJ, MJ, F) 1 - FH ASSEMBLY (W-10)</p>	 <p>BY CITY FORCES AND OF CONTRACTOR STA. 0+00 1 - 4" AIR VALVE</p>
<p><b>NAME: CONTRAC WORK FIRE HYDRANT</b></p> <p><b>DESCRIPTION: WORK BY CONTRACTOR FURNISH FH</b></p>	<p><b>NAME: CONTRACT WORK</b></p> <p><b>DESCRIPTION: WORK BY CONTRACTOR</b></p>
<div data-bbox="279 1241 756 1356" style="border: 1px solid black; padding: 5px;"> <p>CONTRACTOR'S NOTE: EXISTING UTILITY CROSSINGS MAY NOT BE REPRESENTATIVE OF ACTUAL LENGTH OF CONFLICT AREA (SEE PLAN VIEW).</p> </div> 	 <div data-bbox="860 1255 1338 1339" style="border: 1px solid black; padding: 5px;"> <p>CONTRACTOR'S NOTE: USE EXTREME CAUTION WHEN WORKING DUE TO LOW OVERHEAD UTILITY LINES.</p> </div>
<p><b>NAME: EX UTILITY CROSS</b></p> <p><b>DESCRIPTION: EXISTING UTILITIES CROSSING</b></p>	<p><b>NAME: EXTM CAUTION</b></p> <p><b>DESCRIPTION: USE EXTREME CAUTION</b></p>

## V8 CITY NOTES.CEL

 <p><b>\$12345678901234567890123456789012345678901234567890\$</b></p> <p><b>\$plot\$date\$time\$\$</b>                      <b>\$user\$</b></p>	 <div data-bbox="862 420 1339 625"> <p style="text-align: center;">C A U T I O N</p> <p>__" HP GAS! CONTRACTOR TO VERIFY EXACT LOCATION AND MUST NOTIFY SDG&amp;E THREE (3) WEEKS IN ADVANCE PRIOR TO EXCAVATION SDG&amp;E STANDBY REQUIRED</p> </div>
<p><b>NAME: FILE PATH AND DATE</b></p> <p><b>DESCRIPTION: PLOT FILE NAME &amp; DATE</b></p>	<p><b>NAME: GAS ADV NOTICE</b></p> <p><b>DESCRIPTION: ADVANCED GAS NOTICE</b></p>
<div data-bbox="277 1203 756 1394"> <p>CONTRACTOR'S NOTE: CONTRACTOR SHALL LOCATE AND POTHOLE ALL SEWER LATERAL REPLUMB CONNECTIONS IN ACCORDANCE WITH SECTION 306-1.7.1 OF THE SPECIFICATIONS PRIOR TO CONSTRUCTION OF NEW SEWER MAIN. THIS INFORMATION WILL BE REVIEWED BY THE RESIDENT ENGINEER FOR THE FINAL SEWER MAIN SLOPE AND DEPTH APPROVAL.</p> </div> 	<div data-bbox="862 1203 1339 1394"> <p>CONTRACTORS NOTE: CONTRACTOR SHALL POTHOLE ALL SEWER LATERALS AT PROPERTY LINE BETWEEN STA. ____ AND STA. ____ PRIOR TO CONSTRUCTION OF NEW SEWER MAIN. THIS INFORMATION WILL BE REVIEWED BY THE RESIDENT ENGINEER FOR FINAL SEWER MAIN SLOPE AND DEPTH APPROVAL.</p> </div> 
<p><b>NAME: POTHOLE SEWER LAT REPLUMB</b></p> <p><b>DESCRIPTION: LOCATE BY POTHOLE SEWER LATERALS</b></p>	<p><b>NAME: POTHOLE SWR LAT BY STA</b></p> <p><b>DESCRIPTION: POTHOLE ALL SEWER</b></p>

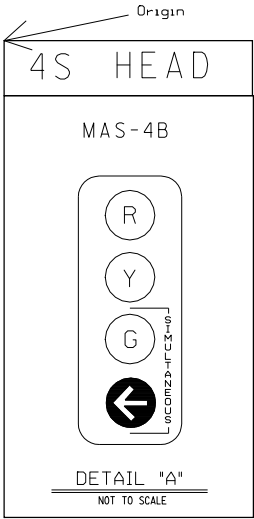
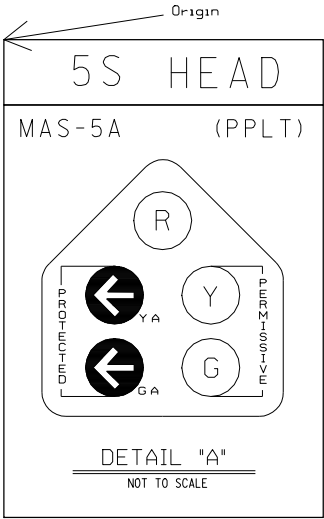
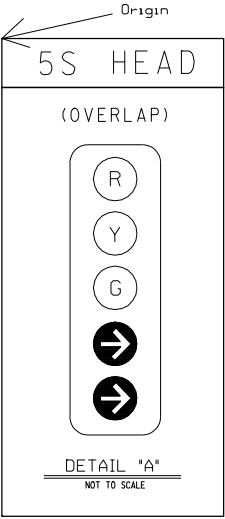
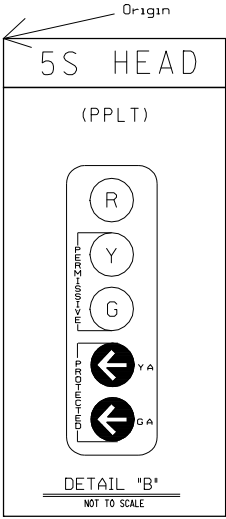
## V8 CITY NOTES.CEL

 <p>Origin</p> <p><b>CAUTION</b></p> <p>SDG&amp;E POWER POLE! CONTRACTOR SHALL COORDINATE WITH SDG&amp;E THREE (3) WEEKS IN ADVANCE PRIOR TO EXCAVATION</p>	 <p>Origin</p> <p>CONTRACTOR'S NOTE: CONTRACTOR IS REQUIRED TO COORDINATE THE SUPPORTING OF POWER POLES WITH SDG&amp;E BEFORE BEGINNING CONSTRUCTION.</p>
<p><b>NAME: SDGE ADV NOTICE</b></p> <p><b>DESCRIPTION: ADV NOTICE CALLOUT</b></p>	<p><b>NAME: SDGE PP SUPPORT</b></p> <p><b>DESCRIPTION: COORDINATE WITH SDG E</b></p>
 <p>Origin</p> <p>CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET __ OF __ SHEETS</p> <p>FOR CITY ENGINEER _____ DATE _____</p> <p>SUBMITTED BY: _____ ASSOCIATE ENGINEER _____</p> <p>CHECKED BY: _____ PROJECT ENGINEER _____</p>	
<p><b>NAME: TITLE BLOCK</b></p> <p><b>DESCRIPTION: TITLE BLOCK REV 652</b></p>	

## Appendix F

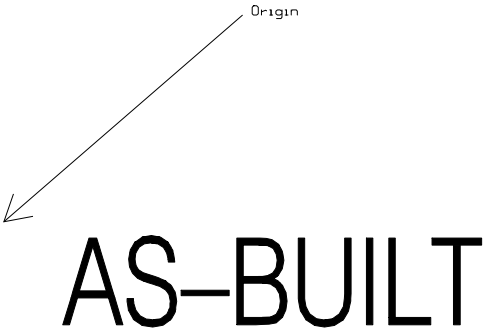
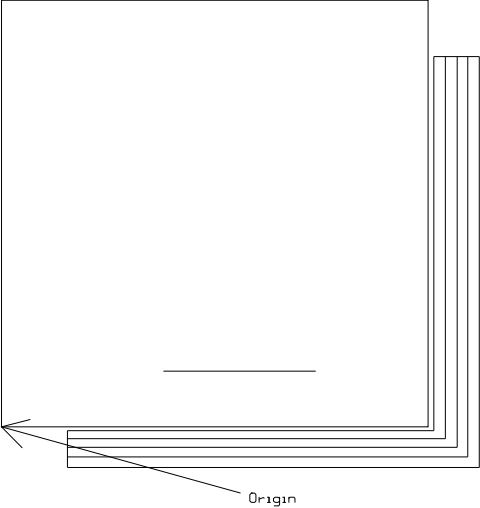
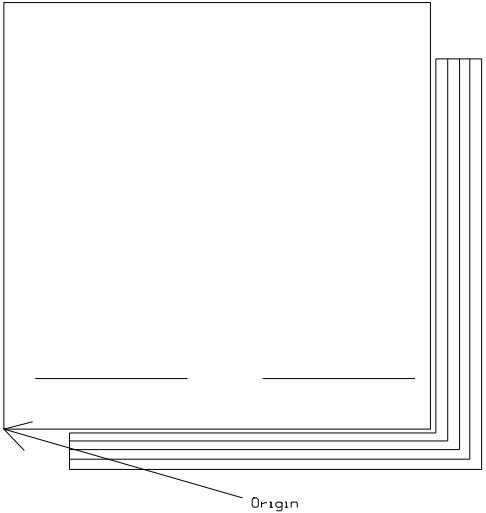
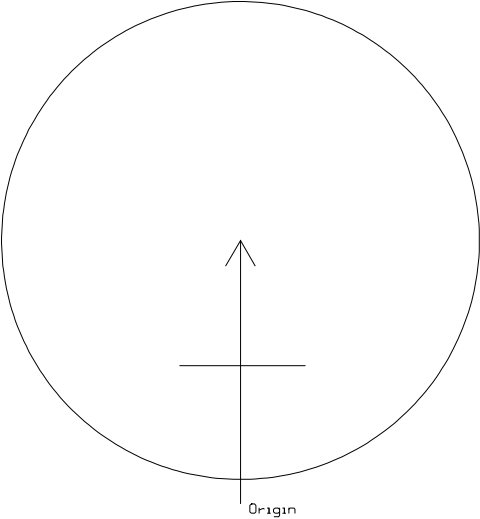
### **V8 Traffic Notes & Details.cel**

## V8 TRAFFIC NOTES &amp; DETAILS.CEL

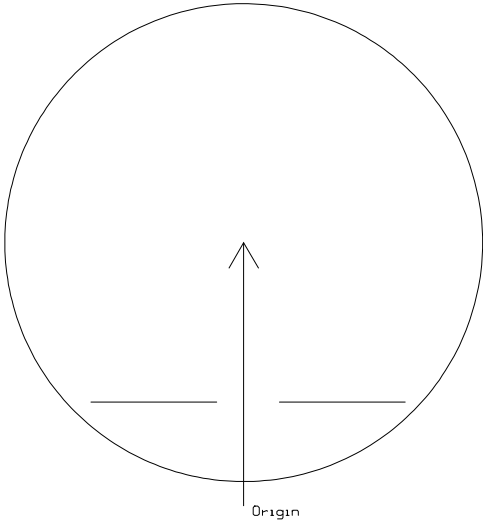
	
<p><b>NAME: 4 SECT MAST SPLT</b></p> <p><b>DESCRIPTION: 4 SECT MAST SPLT</b></p>	<p><b>NAME: 5 SEC MAST PPLT</b></p> <p><b>DESCRIPTION: 5 SEC MAST PPLT</b></p>
	
<p><b>NAME: 5 SEC POLE OVERLAP</b></p> <p><b>DESCRIPTION: 5 SEC POLE OVERLAP</b></p>	<p><b>NAME: 5 SEC POLE PPLT</b></p> <p><b>DESCRIPTION: 5 SEC POLE PPLT</b></p>



## V8 TRAFFIC NOTES &amp; DETAILS.CEL

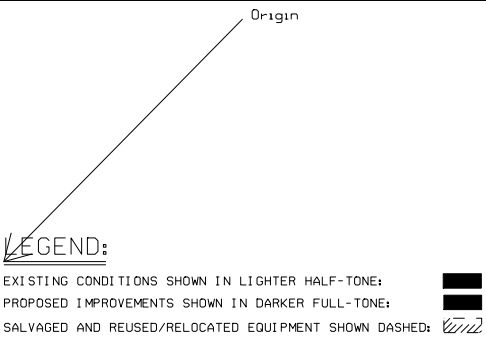



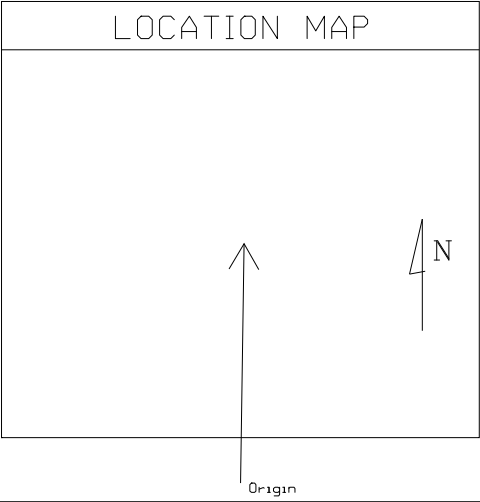
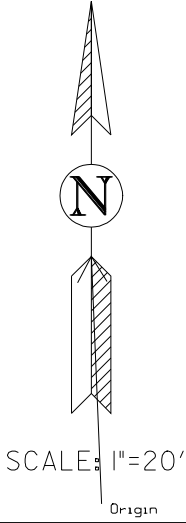
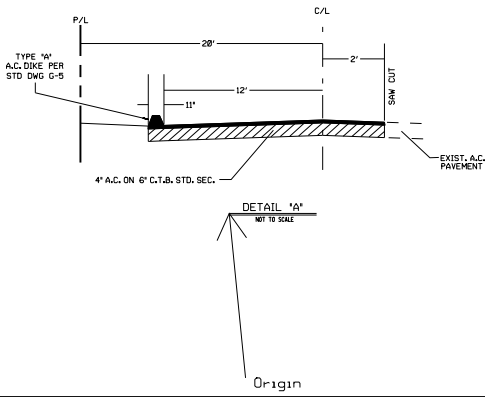
	
<p>NAME: AS-BUILT</p> <p>DESCRIPTION: AS-BUILT</p>	<p>NAME: BOX 1 CHAR</p> <p>DESCRIPTION: BOX WITH 1 CHAR</p>
	
<p>NAME: BOX 2 CHAR</p> <p>DESCRIPTION: BOX WITH 2 CHAR</p>	<p>NAME: CIRCLE 1 CHAR</p> <p>DESCRIPTION: CIRCLE NOTE WITH 1 CHAR</p>

# V8 TRAFFIC NOTES & DETAILS.CEL

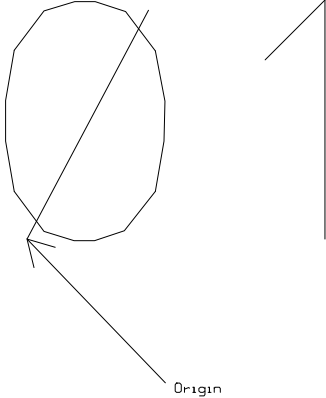
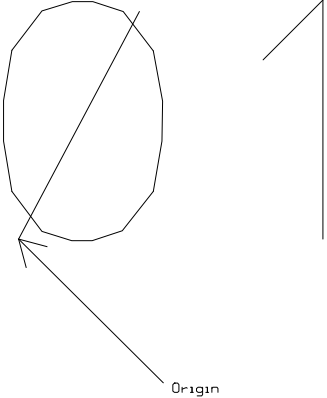
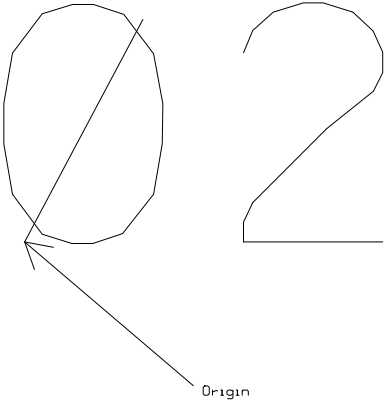
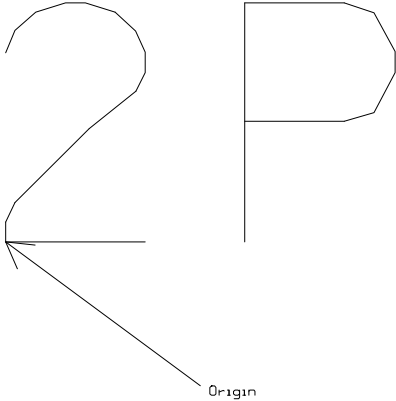
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<div>Origin</div> <div>DATE STAMP 12/05/2005</div>	<div>Origin</div> <table><tr><th colspan="4">DETECTOR ASSIGNMENT</th></tr><tr><th>DET.</th><th>PHASE</th><th>SLOT</th><th>FIELD TERMINAL</th></tr><tr><td>1</td><td>2</td><td>I2U</td><td>T2-5 &amp; 6</td></tr><tr><td>2</td><td>2</td><td>I2L</td><td>T2-7 &amp; 8</td></tr><tr><td>3</td><td>2</td><td>I3U</td><td>T2-9 &amp; 10</td></tr><tr><td>4</td><td>5</td><td>J1U</td><td>T3-1 &amp; 2</td></tr><tr><td>5</td><td>4</td><td>I6U</td><td>T4-9 &amp; 10</td></tr><tr><td>6</td><td>4</td><td>I6L</td><td>T4-11 &amp; 12</td></tr><tr><td>7</td><td>7</td><td>J5U</td><td>T5-5 &amp; 6</td></tr><tr><td>8</td><td>6</td><td>J2U</td><td>T3-5 &amp; 6</td></tr><tr><td>9</td><td>6</td><td>J2L</td><td>T3-7 &amp; 8</td></tr><tr><td>10</td><td>6</td><td>J3U</td><td>T3-9 &amp; 10</td></tr><tr><td>11</td><td>1</td><td>I1U</td><td>T2-1 &amp; 2</td></tr><tr><td>12</td><td>8</td><td>J6U</td><td>T5-9 &amp; 10</td></tr><tr><td>13</td><td>8</td><td>J6L</td><td>T5-11 &amp; 12</td></tr><tr><td>14</td><td>3</td><td>I5U</td><td>T4-5 &amp; 6</td></tr><tr><td>PPB</td><td>2</td><td>I12U</td><td>T8-4 &amp; COM 6</td></tr><tr><td>PPB</td><td>4</td><td>I12L</td><td>T8-5 &amp; COM 6</td></tr><tr><td>PPB</td><td>6</td><td>I13U</td><td>T8-7 &amp; COM 9</td></tr><tr><td>PPB</td><td>8</td><td>I13L</td><td>T8-8 &amp; COM 9</td></tr><tr><td>EVA</td><td>2+5</td><td>J12U</td><td>T9-4 &amp; COM 6</td></tr><tr><td>EV6</td><td>4</td><td>J13U</td><td>T9-7 &amp; COM 9</td></tr><tr><td>EVC</td><td>1+6</td><td>J12L</td><td>T9-5 &amp; COM 6</td></tr><tr><td>EVD</td><td>8</td><td>J13L</td><td>T9-8 &amp; COM 9</td></tr><tr><td>FLASH</td><td>-</td><td>I14U</td><td>T8-10 &amp; COM 12</td></tr></table>	DETECTOR ASSIGNMENT				DET.	PHASE	SLOT	FIELD TERMINAL	1	2	I2U	T2-5 & 6	2	2	I2L	T2-7 & 8	3	2	I3U	T2-9 & 10	4	5	J1U	T3-1 & 2	5	4	I6U	T4-9 & 10	6	4	I6L	T4-11 & 12	7	7	J5U	T5-5 & 6	8	6	J2U	T3-5 & 6	9	6	J2L	T3-7 & 8	10	6	J3U	T3-9 & 10	11	1	I1U	T2-1 & 2	12	8	J6U	T5-9 & 10	13	8	J6L	T5-11 & 12	14	3	I5U	T4-5 & 6	PPB	2	I12U	T8-4 & COM 6	PPB	4	I12L	T8-5 & COM 6	PPB	6	I13U	T8-7 & COM 9	PPB	8	I13L	T8-8 & COM 9	EVA	2+5	J12U	T9-4 & COM 6	EV6	4	J13U	T9-7 & COM 9	EVC	1+6	J12L	T9-5 & COM 6	EVD	8	J13L	T9-8 & COM 9	FLASH	-	I14U	T8-10 & COM 12
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4	5	J1U	T3-1 & 2																																																																																																		
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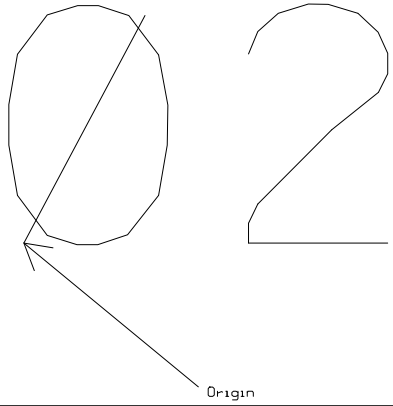
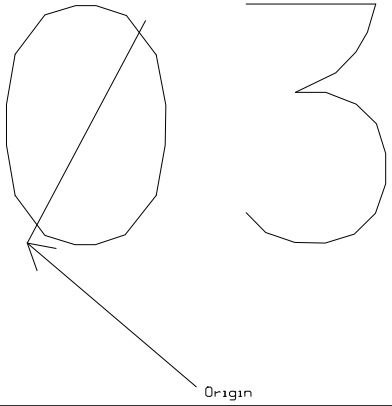
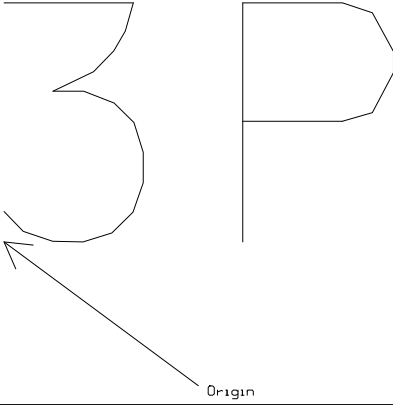
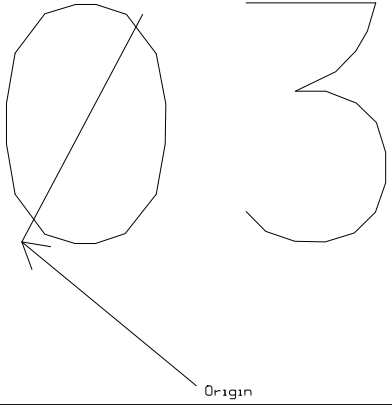
# V8 TRAFFIC NOTES & DETAILS.CEL

 <p>Origin</p> <p><u>LEGEND:</u></p> <p>EXISTING CONDITIONS SHOWN IN LIGHTER HALF-TONE: </p> <p>PROPOSED IMPROVEMENTS SHOWN IN DARKER FULL-TONE: </p> <p>SALVAGED AND REUSED/RELOCATED EQUIPMENT SHOWN DASHED: </p>	 <p>LOCATION MAP</p> <p>Origin</p> <p>N</p>
<p>NAME: LEGEND</p> <p>DESCRIPTION: LEGEND TONE NOTE</p>	<p>NAME: LOCATION MAP</p> <p>DESCRIPTION: LOCATION MAP</p>
 <p>Origin</p> <p>SCALE: 1"=20'</p>	 <p>Origin</p> <p>DETAIL 1A'</p> <p>NOT TO SCALE</p>
<p>NAME: NORTH</p> <p>DESCRIPTION: NORTH ARROW</p>	<p>NAME: PAVING DETAIL</p> <p>DESCRIPTION: PAVING DETAIL</p>

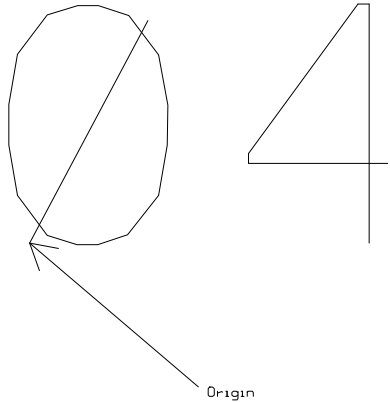
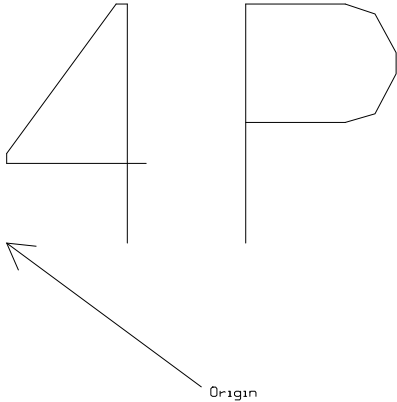
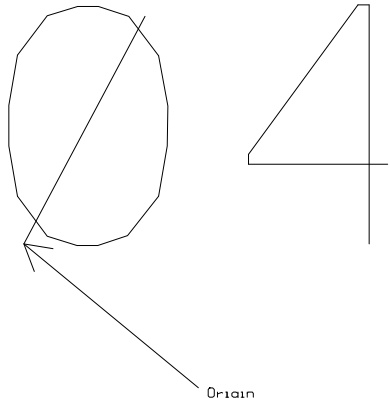
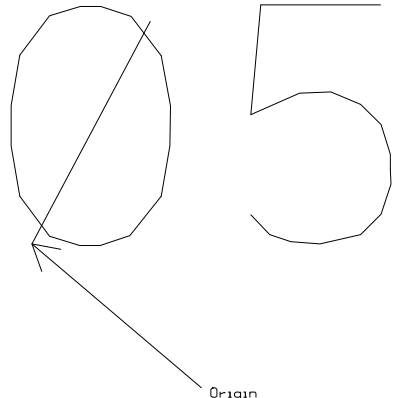
## V8 TRAFFIC NOTES &amp; DETAILS.CEL

	
<p><b>NAME: PHASE 01</b></p> <p><b>DESCRIPTION: PHASE 01</b></p>	<p><b>NAME: PHASE 01 RED</b></p> <p><b>DESCRIPTION: PHASE 01 REDUCED</b></p>
	
<p><b>NAME: PHASE 02</b></p> <p><b>DESCRIPTION: PHASE 02</b></p>	<p><b>NAME: PHASE 02 PED RED</b></p> <p><b>DESCRIPTION: PHASE 02 PED REDUCED</b></p>

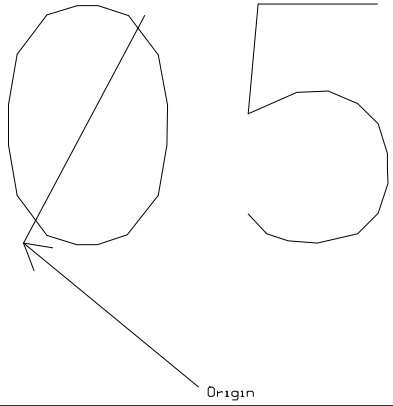
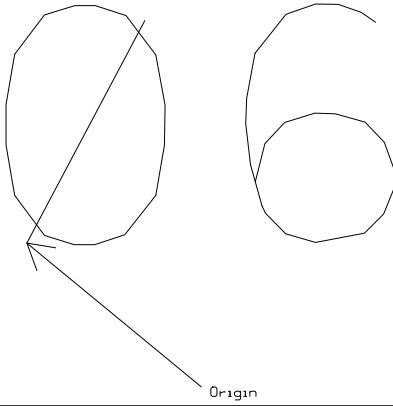
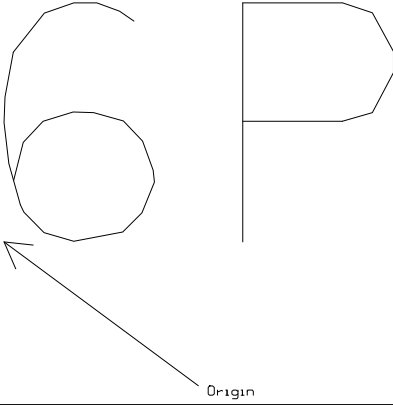
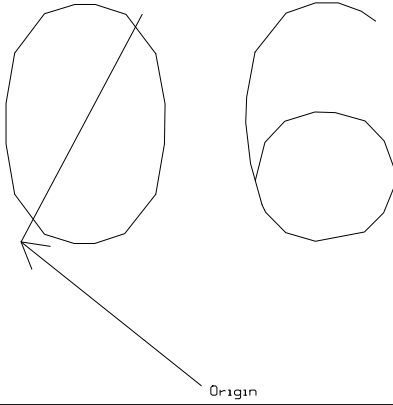
## V8 TRAFFIC NOTES &amp; DETAILS.CEL

	
<p><b>NAME: PHASE 02 RED</b></p> <p><b>DESCRIPTION: PHASE 02 REDUCED</b></p>	<p><b>NAME: PHASE 03</b></p> <p><b>DESCRIPTION: PHASE 03</b></p>
	
<p><b>NAME: PHASE 03 PED RED</b></p> <p><b>DESCRIPTION: PHASE 03 PED REDUCED</b></p>	<p><b>NAME: PHASE 03 RED</b></p> <p><b>DESCRIPTION: PHASE 03 REDUCED</b></p>

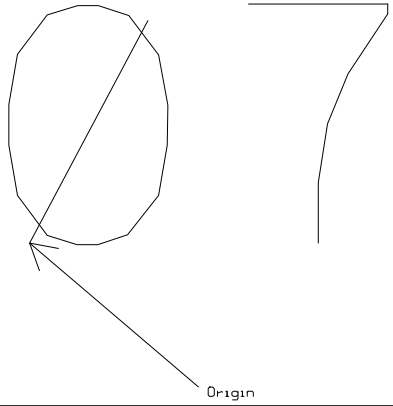
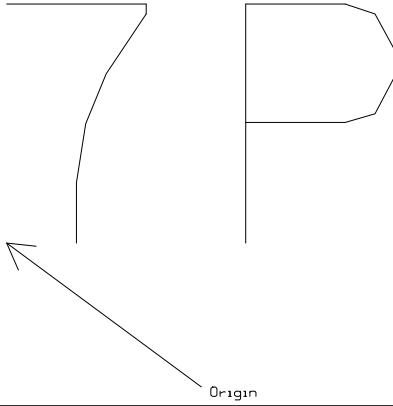
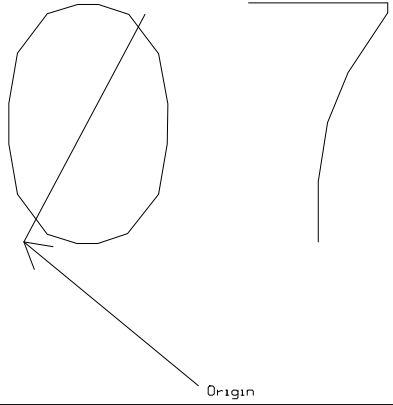
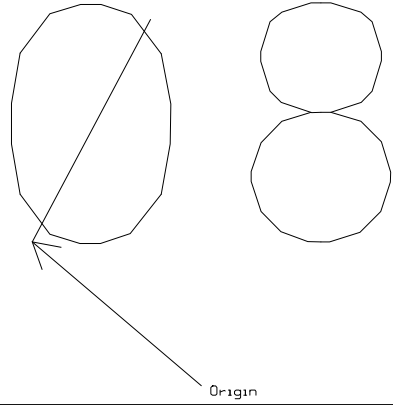
# V8 TRAFFIC NOTES & DETAILS.CEL

	
<p><b>NAME: PHASE 04</b></p> <p><b>DESCRIPTION: PHASE 04</b></p>	<p><b>NAME: PHASE 04 PED RED</b></p> <p><b>DESCRIPTION: PHASE 04 PED REDUCED</b></p>
	
<p><b>NAME: PHASE 04 RED</b></p> <p><b>DESCRIPTION: PHASE 04 REDUCED</b></p>	<p><b>NAME: PHASE 05</b></p> <p><b>DESCRIPTION: PHASE 05</b></p>

## V8 TRAFFIC NOTES &amp; DETAILS.CEL

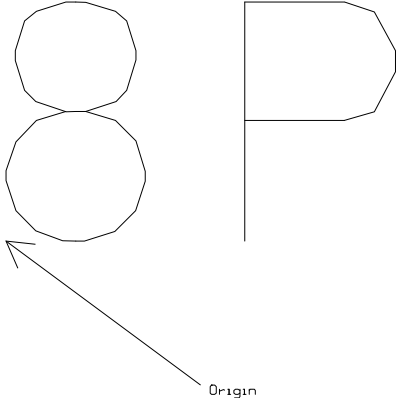
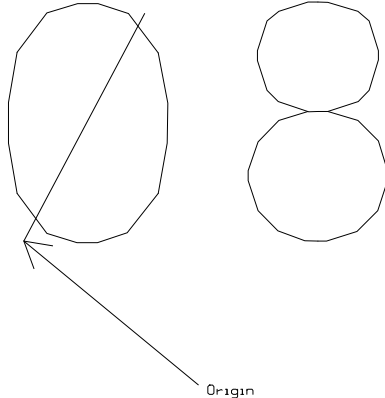
















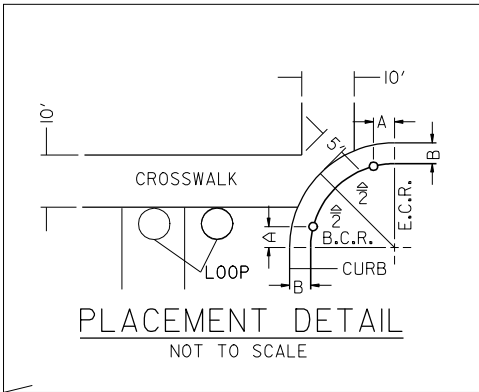








	
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<p><b>NAME: PHASE 06 PED RED</b></p> <p><b>DESCRIPTION: PHASE 06 PED REDUCED</b></p>	<p><b>NAME: PHASE 06 RED</b></p> <p><b>DESCRIPTION: PHASE 06 REDUCED</b></p>

# V8 TRAFFIC NOTES & DETAILS.CEL

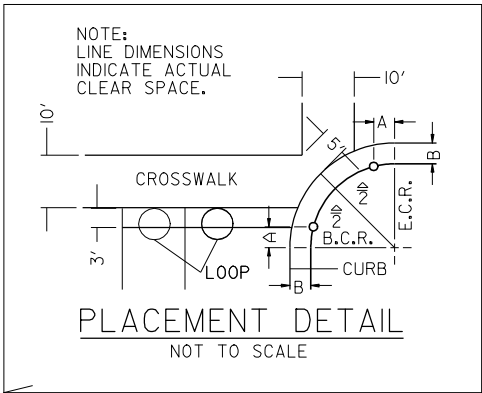
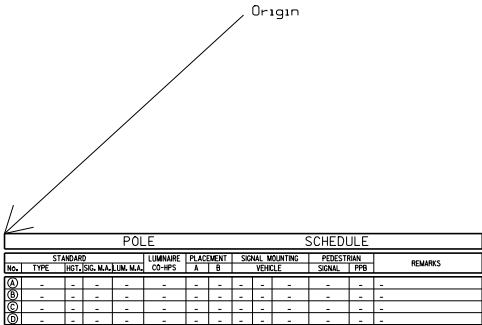
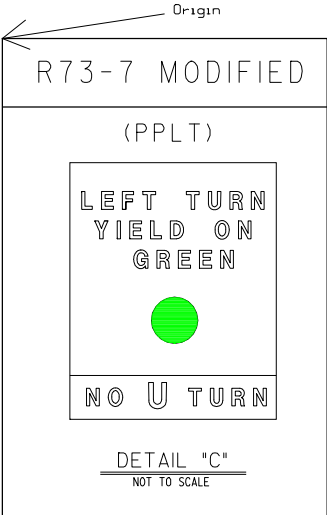
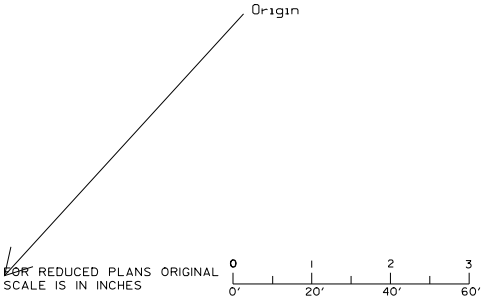
	
<p><b>NAME: PHASE 07</b></p> <p><b>DESCRIPTION: PHASE 07</b></p>	<p><b>NAME: PHASE 07 PED RED</b></p> <p><b>DESCRIPTION: PHASE 07 PED REDUCED</b></p>
	
<p><b>NAME: PHASE 07 RED</b></p> <p><b>DESCRIPTION: PHASE 07 REDUCED</b></p>	<p><b>NAME: PHASE 08</b></p> <p><b>DESCRIPTION: PHASE 08</b></p>



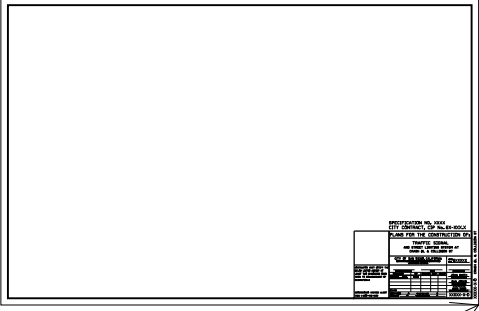
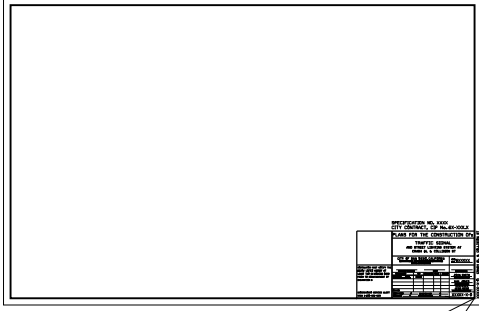
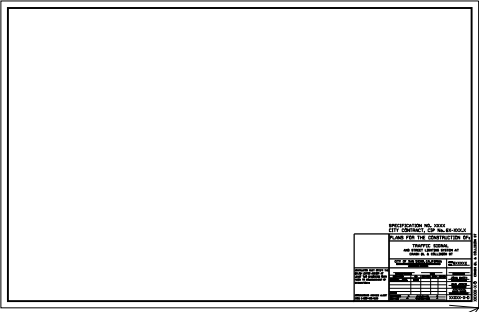
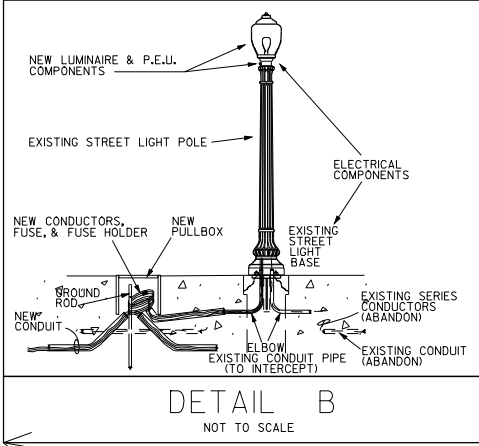
# V8 TRAFFIC NOTES & DETAILS.CEL

													
<p><b>NAME: PHASE 08 PED RED</b></p> <p><b>DESCRIPTION: PHASE 08 PED REDUCED</b></p>	<p><b>NAME: PHASE 08 RED</b></p> <p><b>DESCRIPTION: PHASE 08 REDUCED</b></p>												
<table border="1"><thead><tr><th colspan="2">PHASE</th><th colspan="2">DIAGRAM</th></tr></thead><tbody><tr><td> 01</td><td> 02</td><td> 03</td><td> 04</td></tr><tr><td> 05</td><td> 06</td><td> 07</td><td> 08</td></tr></tbody></table> <p>FLASHING OPERATION SHALL BE ALL RED.</p> <p>Origin</p>	PHASE		DIAGRAM		 01	 02	 03	 04	 05	 06	 07	 08	 <p><b>PLACEMENT DETAIL</b> NOT TO SCALE</p> <p>Origin</p>
PHASE		DIAGRAM											
 01	 02	 03	 04										
 05	 06	 07	 08										
<p><b>NAME: PHASED</b></p> <p><b>DESCRIPTION: PHASE DIAGRAM</b></p>	<p><b>NAME: PLACE DETAIL</b></p> <p><b>DESCRIPTION: PLACEMENT DETAIL</b></p>												

V8 TRAFFIC NOTES & DETAILS.CEL

<div></div>	<div></div>
<div><p>NAME: PLACE DETAIL ALT.</p><p>DESCRIPTION: PLACEMENT DETAIL ALT.</p></div>	<div><p>NAME: POLE SCHD</p><p>DESCRIPTION: POLE SCHEDULE</p></div>
<div></div>	<div></div>
<div><p>NAME: R73-7M DETAIL</p><p>DESCRIPTION: PPLT SIGN DETAIL</p></div>	<div><p>NAME: SCALE NOTE</p><p>DESCRIPTION: SCALE NOTE</p></div>

## V8 TRAFFIC NOTES &amp; DETAILS.CEL

 <p>Origin</p>	 <p>Origin</p>
<p><b>NAME: SHEET 20 SCALE TRAF</b></p> <p><b>DESCRIPTION: SHEET 20 SCALE TRAF</b></p>	<p><b>NAME: SHEET 30 SCALE TRAF</b></p> <p><b>DESCRIPTION: SHEET 30 SCALE TRAF</b></p>
 <p>Origin</p>	 <p>Origin</p>
<p><b>NAME: SHEET 40 SCALE TRAF</b></p> <p><b>DESCRIPTION: SHEET 40 SCALE TRAF</b></p>	<p><b>NAME: STREE LIGHT CONVER DETAIL</b></p> <p><b>DESCRIPTION: ACORN STREET LIGHT CONVER. DETAIL</b></p>

# V8 TRAFFIC NOTES & DETAILS.CEL

[illegible]



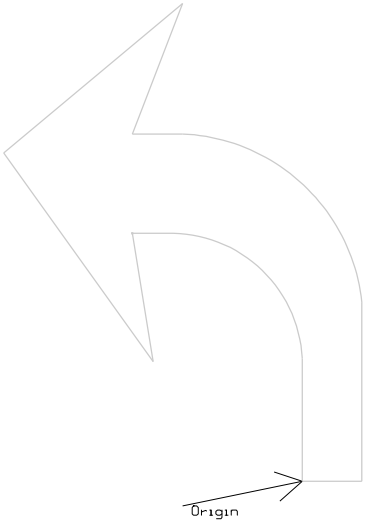
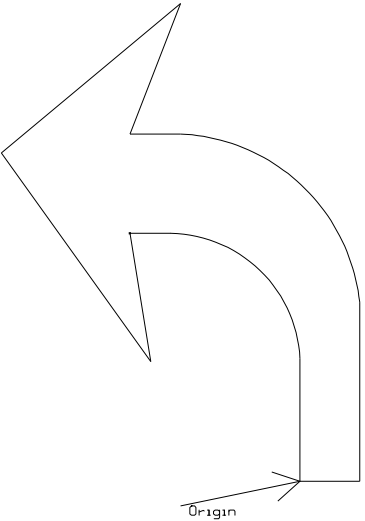
# V8 TRAFFIC NOTES & DETAILS.CEL

<p style="text-align: right;">Origin</p> <p><u>WORK TO BE DONE:</u></p> <p>1. PULLBOXES AND CONDUITS:</p> <p>1a. PULLBOXES ARE NO. 6, UNLESS OTHERWISE NOTED ON THIS PLAN.</p> <p>1b. ALL CONDUIT DEPTH MUST BE A MINIMUM OF 18" BELOW THE PAVEMENT SURFACE OR 3" BELOW THE BOTTOM OF THE PAVEMENT, WHICHEVER IS GREATER.</p> <p>1c. CONDUIT SHALL BE 3" DIAMETER, UNLESS OTHERWISE NOTED IN THE CONDUCTOR TABLE OR SHOWN ON THIS PLAN.</p> <p>2. LOCATIONS OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE; THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS AND VERIFY ALL CONDITIONS ON THE JOB SITE.</p> <p>3. THE CONTRACTOR SHALL, PER SECTION 7-10.1.2 OF THE SPECIAL PROVISIONS, PREPARE TRAFFIC CONTROL PLANS AND SHALL CALL THE FIELD ENGINEERING TRAFFIC CONTROL SECTION AT (858) 495-4741 FOR AN APPOINTMENT TO APPLY FOR A TRAFFIC CONTROL PLAN (TCP) PERMIT. THE CONTRACTOR SHALL ALLOW A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO STARTING WORK (FIVE (5) WORKING DAYS FOR STREET CLOSURES). UPON APPROVAL OF THE TRAFFIC CONTROL PLAN, THE FIELD ENGINEERING TRAFFIC CONTROL SECTION WILL ISSUE THE TCP PERMIT. WORK SHALL NOT BEGIN IN THE PUBLIC ROADWAY WITHOUT THE TCP PERMIT.</p> <p>4. ALL TRAFFIC SIGNAL POLE FOUNDATIONS SHALL HAVE A 3" CONDUIT INSTALLED TO AN ADJACENT NO. 6 PULLBOX. THE CONTROLLER FOUNDATION SHALL HAVE A SPARE 3" CONDUIT STUBBED OUT TO THE ADJACENT PULL BOX FOR FUTURE USE.</p> <p>5. LOCATION, POSITIONING, AND INSTALLATION OF SIGNAL EQUIPMENT, LOOP DETECTORS, TRAFFIC SIGNS, TRAFFIC STRIPING, PAVEMENT AND CURB MARKINGS:</p> <p>5a. THE CONTRACTOR, WITH THE APPROVAL OF THE CITY RESIDENT ENGINEER, IS RESPONSIBLE FOR LOCATING, MARKING THE LAYOUT, AND INSTALLATION OF ALL SIGNAL AND LIGHTING EQUIPMENT.</p> <p>5b. THE CONTRACTOR, WITH THE APPROVAL OF THE CITY'S DESIGNATED TRAFFIC ENGINEER, IS RESPONSIBLE FOR LOCATING, MARKING THE LAYOUT, AND INSTALLATION OF ALL LOOP DETECTORS, TRAFFIC SIGNS (EXCEPT "D" SERIES STREET NAME SIGNS), TRAFFIC STRIPING, PAVEMENT AND CURB MARKINGS.</p> <p>5c. THE CONTRACTOR SHALL OBTAIN THE APPROVALS FOR THE ITEMS NOTED IN 5a AND 5b PRIOR TO INSTALLATION.</p> <p>5d. AS SHOWN ON THIS PLAN, CONTRACTOR SHALL INSTALL 6" DIAMETER TYPE "E" LOOP DETECTORS, WITH 10' SPACING, AND CENTERED IN THE TRAVEL PORTION OF EACH LANE (UNLESS OTHERWISE NOTED).</p> <p>5e. THE CONTRACTOR SHALL NOT PERFORM ANY PARKING REMOVAL LESS THAN 15 WORKING DAYS AFTER LOCATION APPROVAL.</p> <p>5f. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL CONFLICTING STRIPING AND PAVEMENT MARKINGS BY SANDBLASTING/GRINDING METHOD TO BE DETERMINED BY THE CITY RESIDENT ENGINEER.</p>	<p style="text-align: right;">Origin</p> <p><u>WORK TO BE DONE:</u></p> <p>THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS AND THE SPECIFICATIONS AND STANDARD DRAWINGS OF THE CITY OF SAN DIEGO.</p> <p><u>STANDARD SPECIFICATIONS:</u></p> <p>STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (2000 EDITION), INCLUDING THE REGIONAL AND CITY OF SAN DIEGO SUPPLEMENT AMENDMENTS, DOC. NO. 769845, FILED JULY 21, 2000.</p> <p>CITY OF SAN DIEGO, 1999 STANDARD SPECIAL PROVISIONS FOR SIGNALS, LIGHTING, AND ELECTRICAL SYSTEMS, DOCUMENT NO. 769842, FILED OCTOBER 22, 1999.</p> <p>STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES (1996 EDITION), DOCUMENT NO. 769843, FILED JANUARY 24, 2000.</p> <p>STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS (JULY, 2002), DOCUMENT NO. 769894, FILED JUNE 5, 2003.</p> <p><u>STANDARD DRAWINGS:</u></p> <p>CITY OF SAN DIEGO STANDARD DRAWINGS, DOCUMENT NO. 769846, FILED JULY 21, 2000.</p> <p>STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, STANDARD PLANS (JULY, 2002), DOCUMENT NO. 769894, FILED JUNE 5, 2003.</p>
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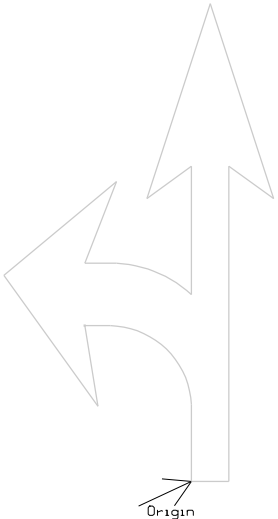
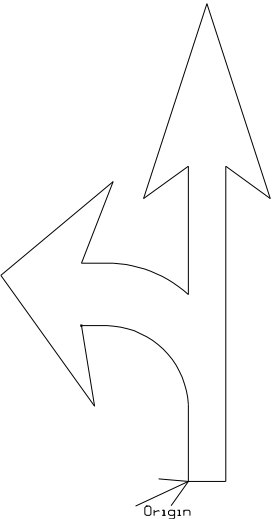
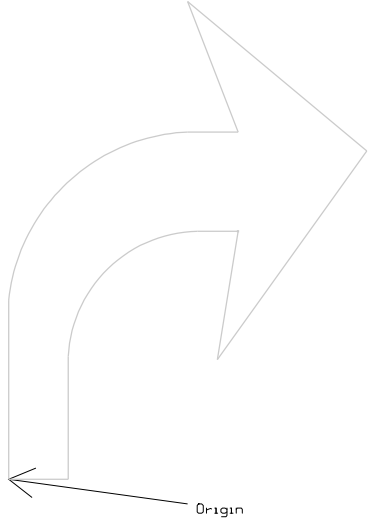
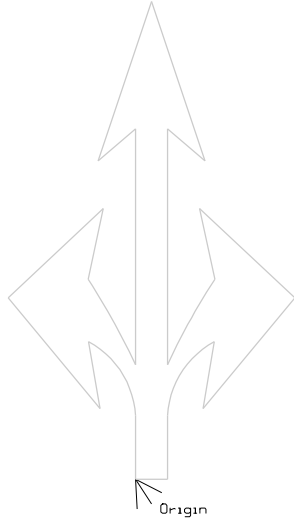
## Appendix G

### **V8 Traffic Legends.cel**

## V8 TRAFFIC LEGEND.CEL

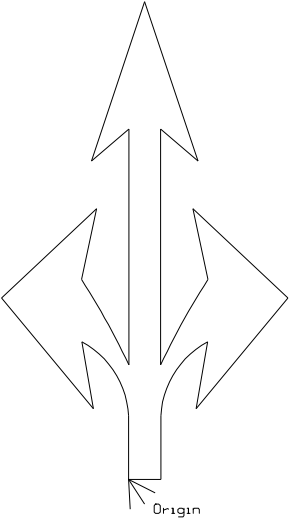
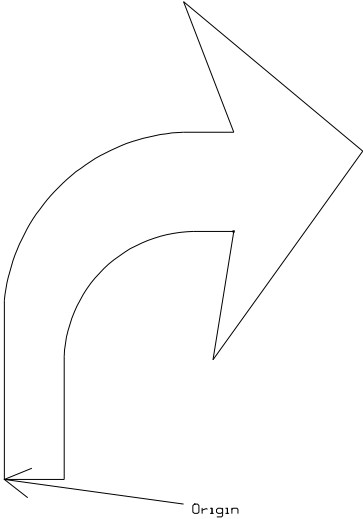
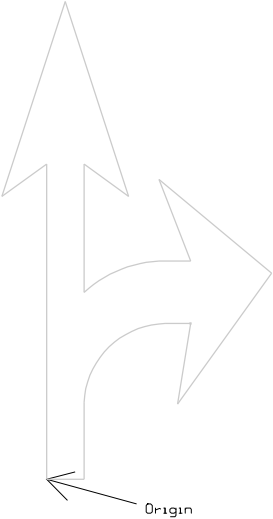
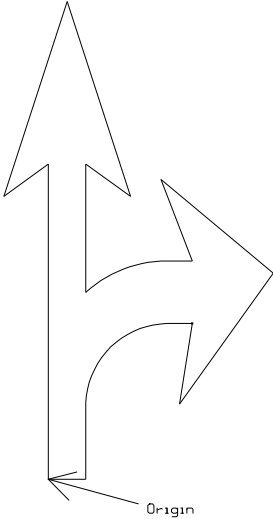
	
<p><b>NAME: AHEAD EX</b></p> <p><b>DESCRIPTION: AHEAD TEXT EX</b></p>	<p><b>NAME: AHEAD PROP</b></p> <p><b>DESCRIPTION: AHEAD TEXT PROP</b></p>
	
<p><b>NAME: ARROW LT EX</b></p> <p><b>DESCRIPTION: ARROW LEFT EX</b></p>	<p><b>NAME: ARROW LT PROP</b></p> <p><b>DESCRIPTION: ARROW LT PROP</b></p>

## V8 TRAFFIC LEGEND.CEL

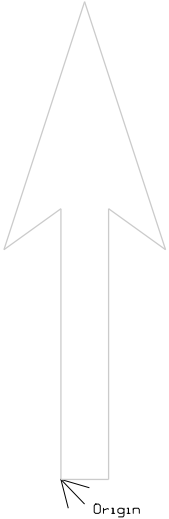
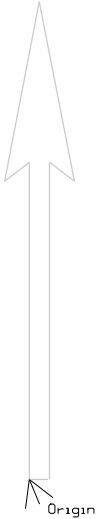
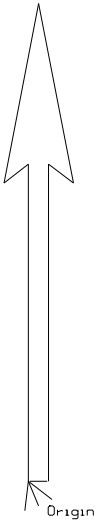

	
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<p><b>NAME: ARROW RT EX</b></p> <p><b>DESCRIPTION: ARROW RIGHT EX</b></p>	<p><b>NAME: ARROW RT LT ST EX</b></p> <p><b>DESCRIPTION: ARROW RIGHT LEFT STRAIGHT EX</b></p>



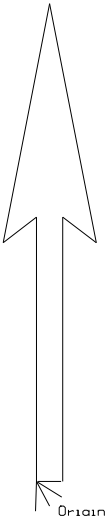
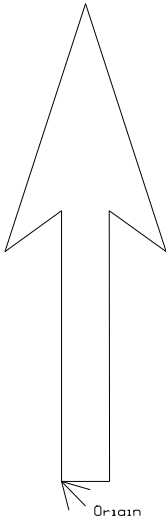


## V8 TRAFFIC LEGEND.CEL

	
<p><b>NAME: ARROW RT LT ST PROP</b></p> <p><b>DESCRIPTION: ARROW RIGHT LEFT STRAIGHT PROP</b></p>	<p><b>NAME: ARROW RT PROP</b></p> <p><b>DESCRIPTION: ARROW RIGHT PROP</b></p>
	
<p><b>NAME: ARROW RT ST EX</b></p> <p><b>DESCRIPTION: ARROW RIGHT STRAIGHT EX</b></p>	<p><b>NAME: ARROW RT ST PROP</b></p> <p><b>DESCRIPTION: ARROW RIGHT STRAIGHT PROP</b></p>


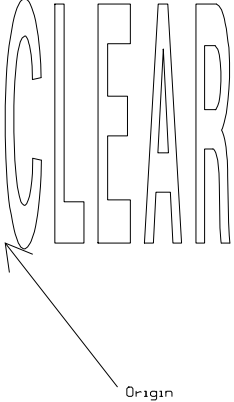
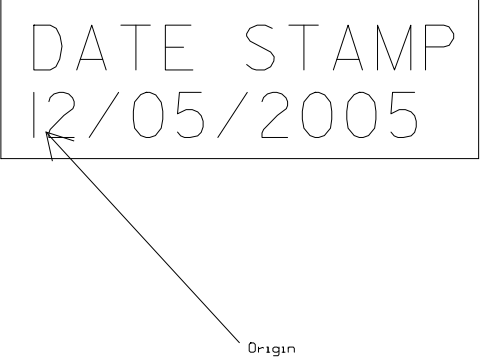
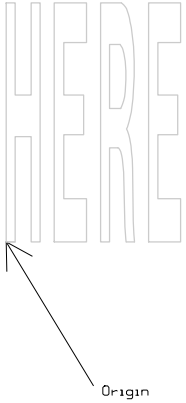
## V8 TRAFFIC LEGEND.CEL

	
<b>NAME: ARROW ST EX</b>  <b>DESCRIPTION: ARROW STRAIGHT EX</b>	<b>NAME: ARROW ST LONG EX</b>  <b>DESCRIPTION: ARROW STRAIGHT LONG EX</b>
	
<b>NAME: ARROW ST LONG PROP</b>  <b>DESCRIPTION: ARROW STRAIGHT LONG PROP</b>	<b>NAME: ARROW ST MED EX</b>  <b>DESCRIPTION: ARROW STRAIGHT MED EX</b>

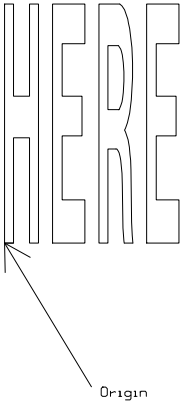
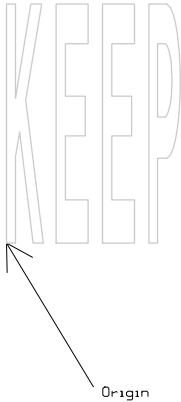
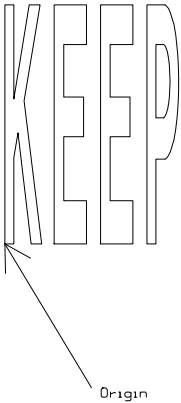

V8 TRAFFIC LEGEND.CEL

	
<p>NAME: ARROW ST MED PROP</p> <p>DESCRIPTION: ARROW ST MED PROP</p>	<p>NAME: ARROW ST PROP</p> <p>DESCRIPTION: ARROW STRAIGHT PROP</p>
	
<p>NAME: BIKE EX</p> <p>DESCRIPTION: BIKE TEXT EX</p>	<p>NAME: BIKE PROP</p> <p>DESCRIPTION: BIKE TEXT PROP</p>

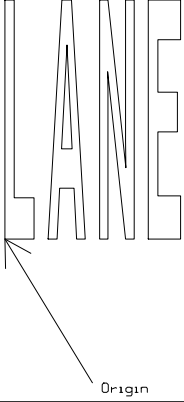

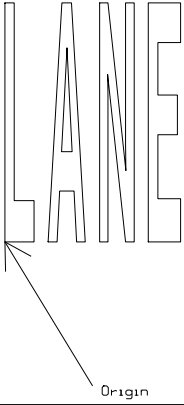
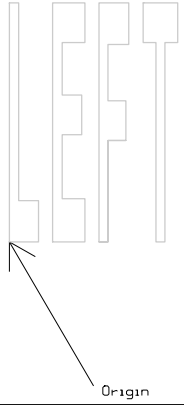
## V8 TRAFFIC LEGEND.CEL

	
<p><b>NAME: CLEAR EX</b></p> <p><b>DESCRIPTION: CLEAR TEXT EX</b></p>	<p><b>NAME: CLEAR PROP</b></p> <p><b>DESCRIPTION: CLEAR TEXT PROP</b></p>
	
<p><b>NAME: DATE STAMP</b></p> <p><b>DESCRIPTION: Last Edit Date</b></p>	<p><b>NAME: HERE EX</b></p> <p><b>DESCRIPTION: HERE TEXT EX</b></p>

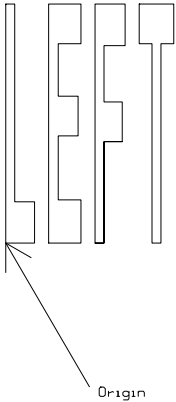

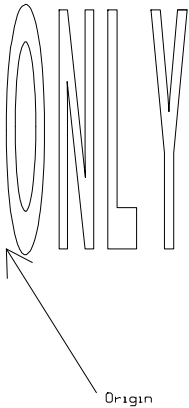

## V8 TRAFFIC LEGEND.CEL

	
<p><b>NAME: HERE PROP</b></p> <p><b>DESCRIPTION: HERE TEXT PROP</b></p>	<p><b>NAME: KEEP EX</b></p> <p><b>DESCRIPTION: KEEP TEXT EX</b></p>
	
<p><b>NAME: KEEP PROP</b></p> <p><b>DESCRIPTION: KEEP TEXT PROP</b></p>	<p><b>NAME: LANE LG EX</b></p> <p><b>DESCRIPTION: LANE LARGE TEXT EX</b></p>




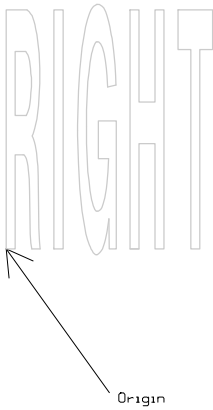
## V8 TRAFFIC LEGEND.CEL

	
<p><b>NAME: LANE LG PROP</b></p> <p><b>DESCRIPTION: LANE LARGE TEXT PROP</b></p>	<p><b>NAME: LANE SM EX</b></p> <p><b>DESCRIPTION: LANE SMALL TEXT EX</b></p>
	
<p><b>NAME: LANE SM PROP</b></p> <p><b>DESCRIPTION: LANE SMALL TEXT PROP</b></p>	<p><b>NAME: LEFT EX</b></p> <p><b>DESCRIPTION: LEFT TEXT EX</b></p>

## V8 TRAFFIC LEGEND.CEL

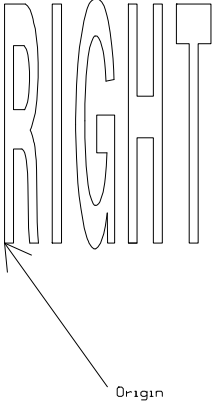
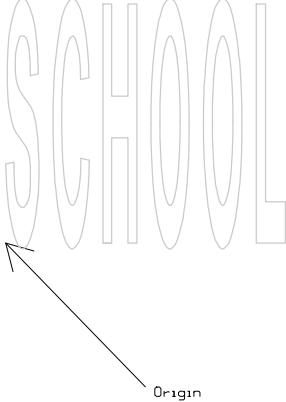
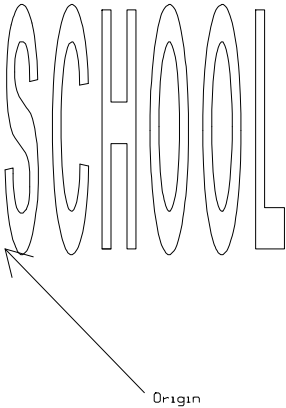
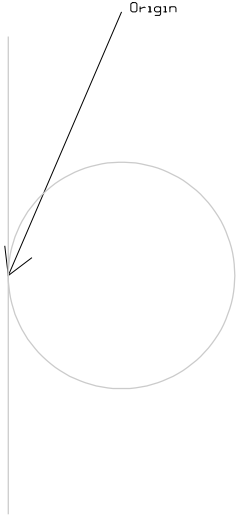
	
<b>NAME: LEFT PROP</b>	<b>NAME: ONLY EX</b>
<b>DESCRIPTION: LEFT TEXT PROP</b>	<b>DESCRIPTION: ONLY TEXT EX</b>
	
<b>NAME: ONLY PROP</b>	<b>NAME: PED EX</b>
<b>DESCRIPTION: ONLY TEXT PROP</b>	<b>DESCRIPTION: PED TEXT EX</b>

## V8 TRAFFIC LEGEND.CEL

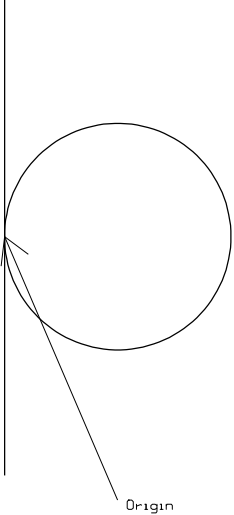
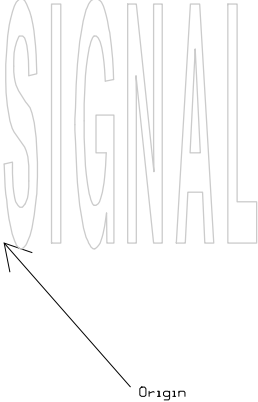
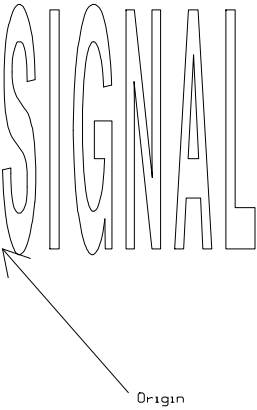
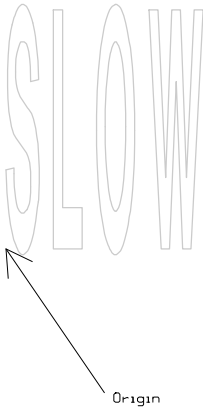
	
<p><b>NAME: PED PROP</b></p> <p><b>DESCRIPTION: PED TEXT PROP</b></p>	<p><b>NAME: RAILROAD EX</b></p> <p><b>DESCRIPTION: RAILROAD TEXT EX</b></p>
	
<p><b>NAME: RAILROAD PROP</b></p> <p><b>DESCRIPTION: RAILROAD TEXT PROP</b></p>	<p><b>NAME: RIGHT EX</b></p> <p><b>DESCRIPTION: RIGHT TEXT EX</b></p>




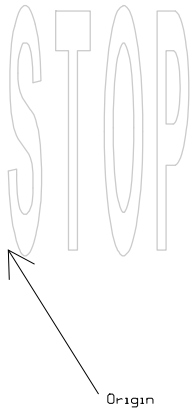
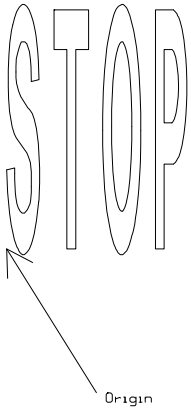
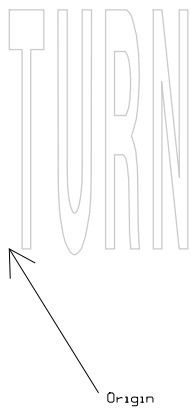
## V8 TRAFFIC LEGEND.CEL

	
<p><b>NAME: RIGHT PROP</b></p> <p><b>DESCRIPTION: RIGHT TEXT PROP</b></p>	<p><b>NAME: SCHOOL EX</b></p> <p><b>DESCRIPTION: SCHOOL TEXT EX</b></p>
	
<p><b>NAME: SCHOOL PROP</b></p> <p><b>DESCRIPTION: SCHOOL TEXT PROP</b></p>	<p><b>NAME: SIGN GND EX</b></p> <p><b>DESCRIPTION: SIGN GROUND EX</b></p>

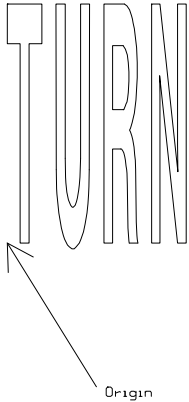
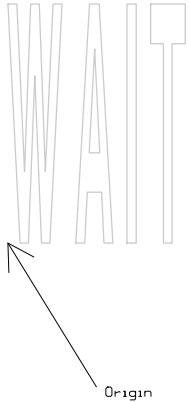
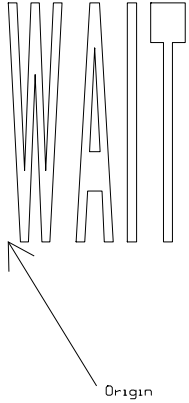

## V8 TRAFFIC LEGEND.CEL

	
<b>NAME: SIGN GND PROP</b>	<b>NAME: SIGNAL EX</b>
<b>DESCRIPTION: SIGN GROUND PROP</b>	<b>DESCRIPTION: SIGNAL TEXT EX</b>
	
<b>NAME: SIGNAL PROP</b>	<b>NAME: SLOW EX</b>
<b>DESCRIPTION: SIGNAL TEXT PROP</b>	<b>DESCRIPTION: SLOW TEXT EX</b>


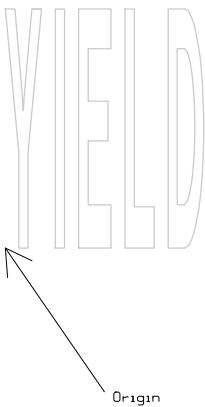
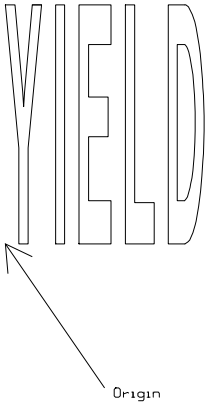
## V8 TRAFFIC LEGEND.CEL

 <p>A graphic of a 'SLOW' sign in a large, outlined, sans-serif font. An arrow points from the word 'Origin' to the bottom-left corner of the sign.</p>	 <p>A graphic of a 'STOP' sign in a large, outlined, sans-serif font. An arrow points from the word 'Origin' to the bottom-left corner of the sign.</p>
<b>NAME: SLOW PROP</b>  <b>DESCRIPTION: SLOW TEXT PROP</b>	<b>NAME: STOP EX</b>  <b>DESCRIPTION: STOP TEXT EX</b>
 <p>A graphic of a 'STOP' sign in a large, outlined, sans-serif font. An arrow points from the word 'Origin' to the bottom-left corner of the sign.</p>	 <p>A graphic of a 'TURN' sign in a large, outlined, sans-serif font. An arrow points from the word 'Origin' to the bottom-left corner of the sign.</p>
<b>NAME: STOP PROP</b>  <b>DESCRIPTION: STOP TEXT PROP</b>	<b>NAME: TURN EX</b>  <b>DESCRIPTION: TURN TEXT EX</b>

## V8 TRAFFIC LEGEND.CEL

	
<b>NAME: TURN PROP</b>	<b>NAME: WAIT EX</b>
<b>DESCRIPTION: TURN TEXT PROP</b>	<b>DESCRIPTION: WAIT TEXT EX.</b>
	
<b>NAME: WAIT PROP</b>	<b>NAME: XING EX</b>
<b>DESCRIPTION: WAIT TEXT PROP</b>	<b>DESCRIPTION: XING TEXT EX</b>

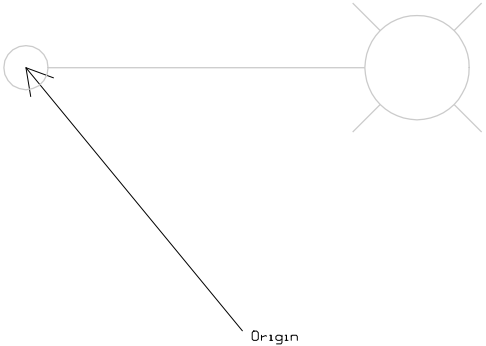
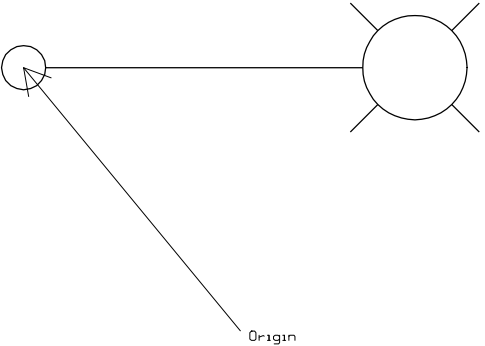
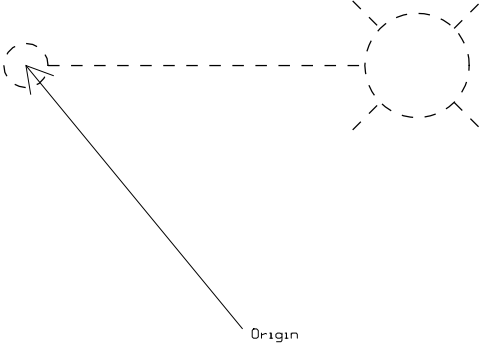
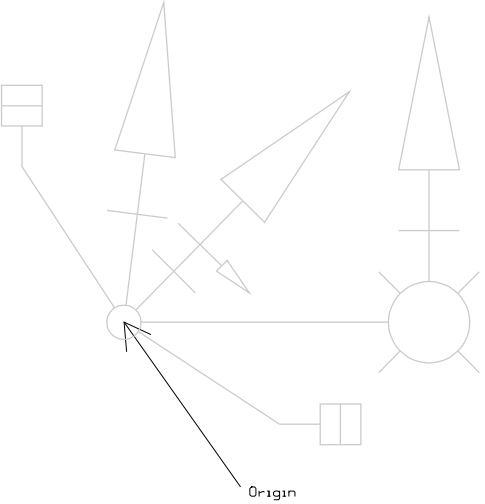
V8 TRAFFIC LEGEND.CEL

	
<p>NAME: XING PROP</p> <p>DESCRIPTION: XING TEXT PROP</p>	<p>NAME: YIELD EX</p> <p>DESCRIPTION: YIELD TEXT EX</p>
	
<p>NAME: YIELD PROP</p> <p>DESCRIPTION: YIELD TEXT PROP</p>	

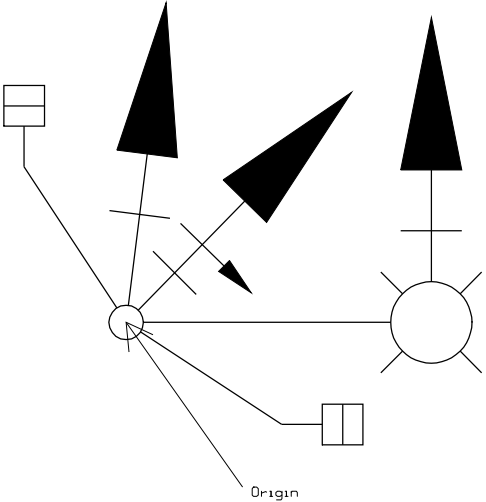
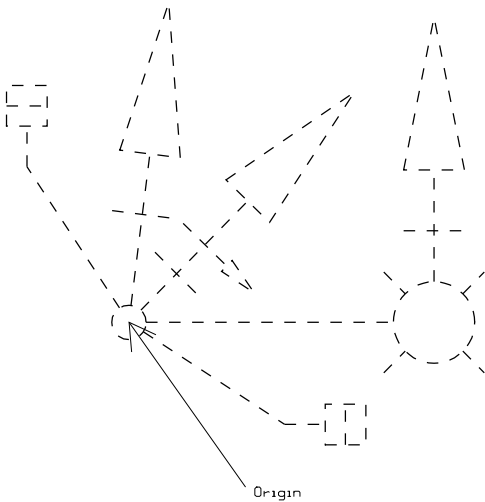
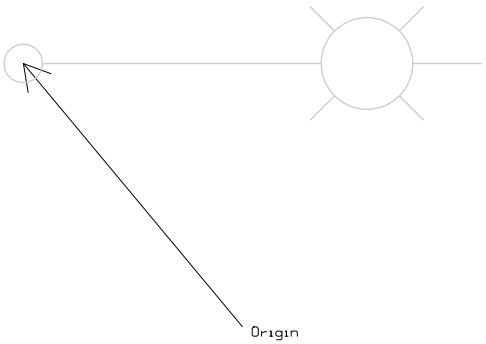
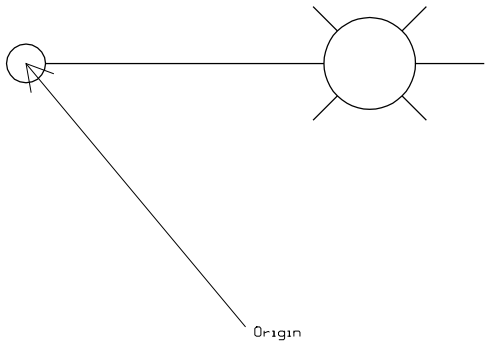
## Appendix H

### **V8 Traffic Eq.cel**

## V8 TRAFFIC EQUIPMENT.CEL

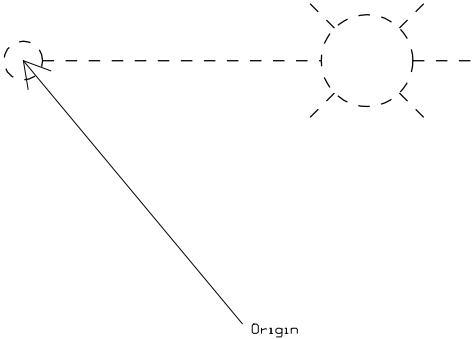
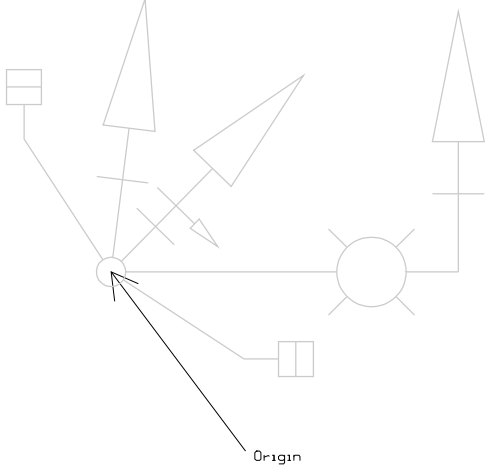
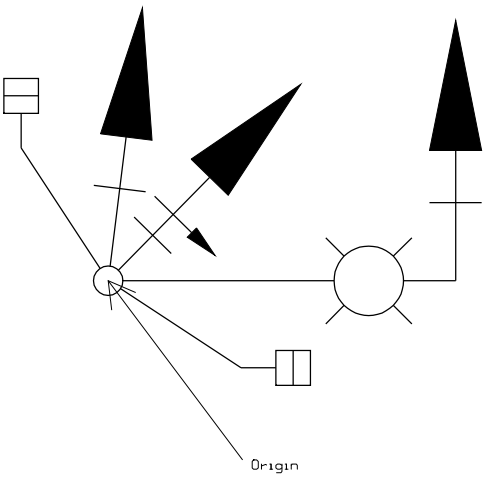
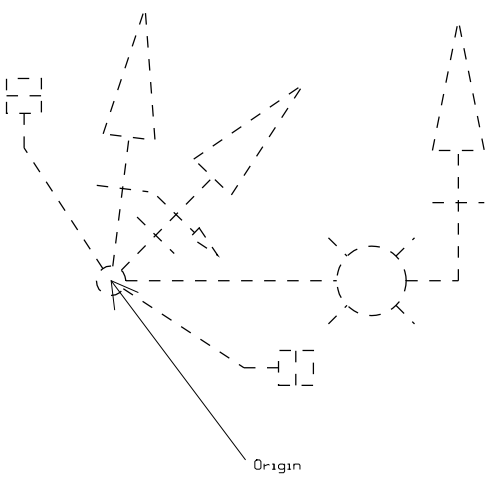
	
<p><b>NAME: 15 POLE EX</b></p> <p><b>DESCRIPTION: 15 FT POLE EX</b></p>	<p><b>NAME: 15 POLE PROP</b></p> <p><b>DESCRIPTION: 15 FT POLE PROP</b></p>
	
<p><b>NAME: 15 POLE SALV</b></p> <p><b>DESCRIPTION: 15 FT POLE SALVAGE</b></p>	<p><b>NAME: 15 SIGNAL EX</b></p> <p><b>DESCRIPTION: 15 FT SIGNAL EX</b></p>

## V8 TRAFFIC EQUIPMENT.CEL

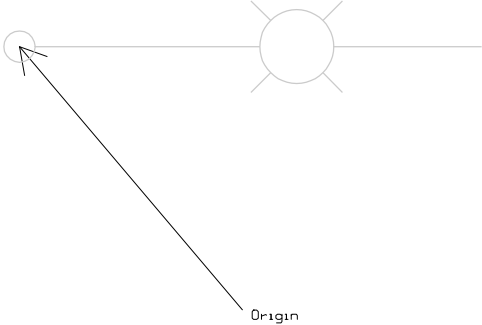
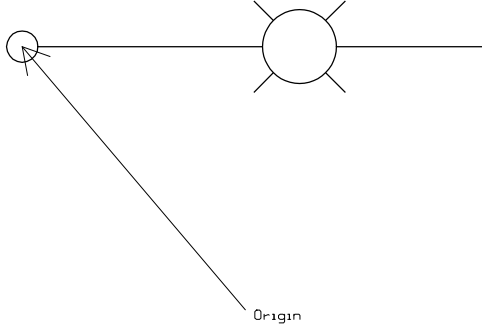
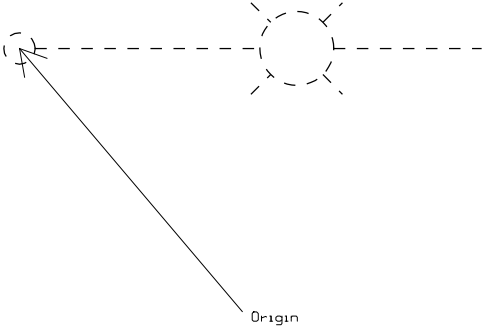
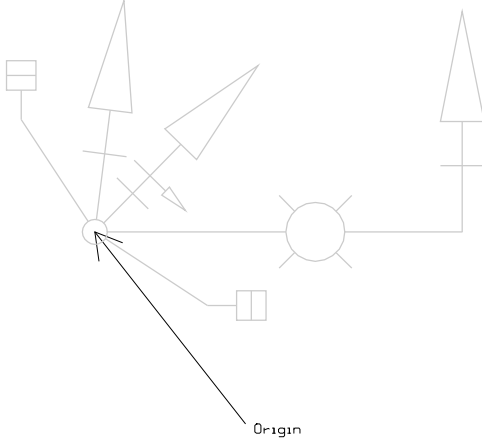
	
<p><b>NAME: 15 SIGNAL PROP</b></p> <p><b>DESCRIPTION: 15 FT SIGNAL PROP</b></p>	<p><b>NAME: 15 SIGNAL SALV</b></p> <p><b>DESCRIPTION: 15 FT SIGNAL SALVAGE</b></p>
	
<p><b>NAME: 20 POLE EX</b></p> <p><b>DESCRIPTION: 20 FT POLE EX</b></p>	<p><b>NAME: 20 POLE PROP</b></p> <p><b>DESCRIPTION: 20 FT POLE PROP</b></p>



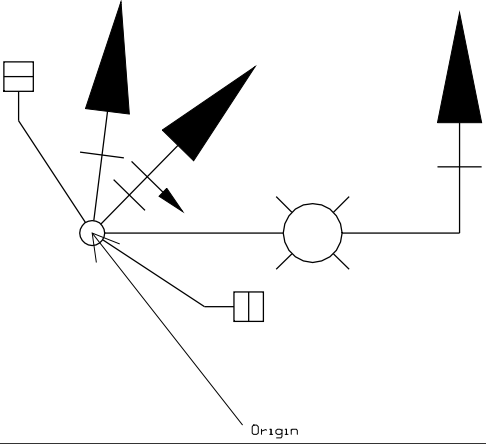
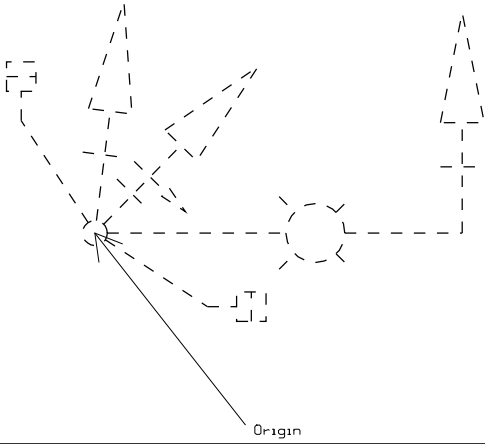
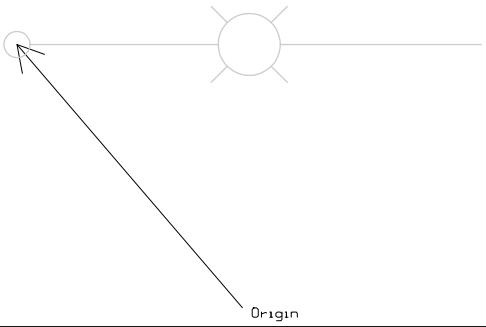
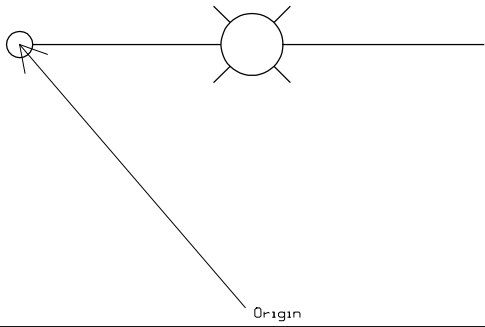
# V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: 20 POLE SALV</b></p> <p><b>DESCRIPTION: 20 FT POLE SALVAGE</b></p>	<p><b>NAME: 20 SIGNAL EX</b></p> <p><b>DESCRIPTION: 20 FT SIGNAL EX</b></p>
	
<p><b>NAME: 20 SIGNAL PROP</b></p> <p><b>DESCRIPTION: 20 FT SIGNAL PROP</b></p>	<p><b>NAME: 20 SIGNAL SALV</b></p> <p><b>DESCRIPTION: 20 FT SIGNAL SALVAGE</b></p>

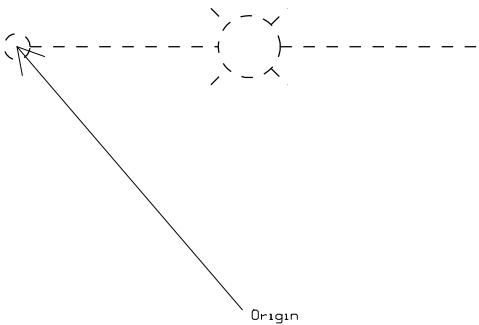
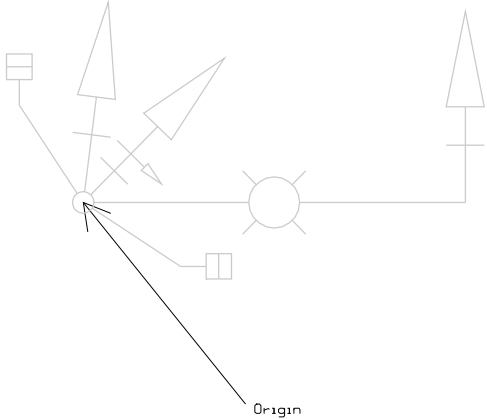
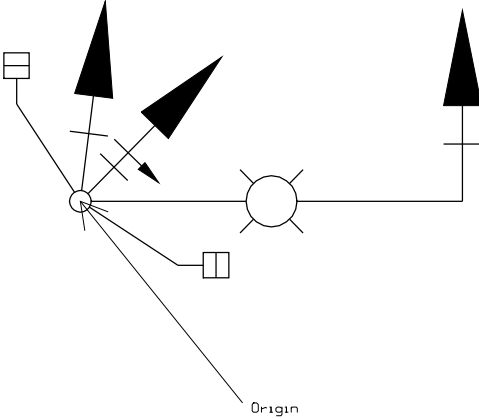
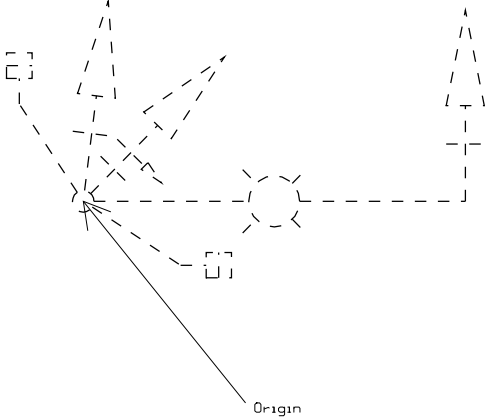
## V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: 25 POLE EX</b></p> <p><b>DESCRIPTION: 25 FT POLE EX</b></p>	<p><b>NAME: 25 POLE PROP</b></p> <p><b>DESCRIPTION: 25 FT POLE PROP</b></p>
	
<p><b>NAME: 25 POLE SALV</b></p> <p><b>DESCRIPTION: 25 FT POLE SALVAGE</b></p>	<p><b>NAME: 25 SIGNAL EX</b></p> <p><b>DESCRIPTION: 25 FT SIGNAL EX</b></p>

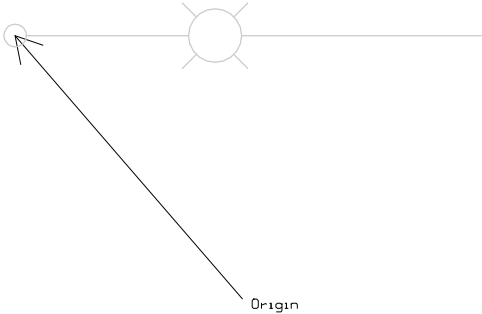
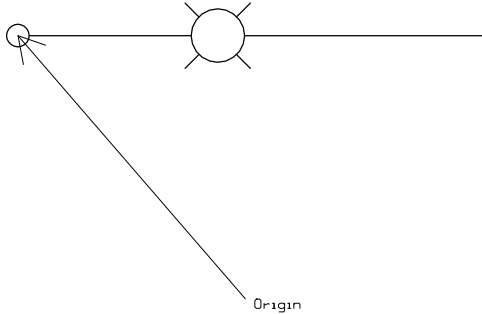
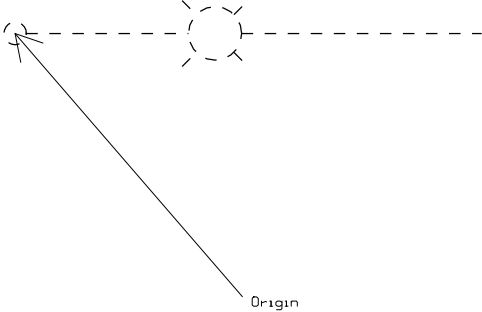
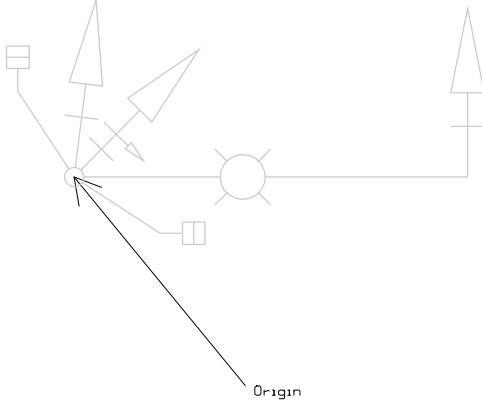
## V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: 25 SIGNAL PROP</b></p> <p><b>DESCRIPTION: 25 FT SIGNAL PROP</b></p>	<p><b>NAME: 25 SIGNAL SALV</b></p> <p><b>DESCRIPTION: 25 FT SIGNAL SALVAGE</b></p>
	
<p><b>NAME: 30 POLE EX</b></p> <p><b>DESCRIPTION: 30 FT POLE EX</b></p>	<p><b>NAME: 30 POLE PROP</b></p> <p><b>DESCRIPTION: 30 FT POLE PROP</b></p>

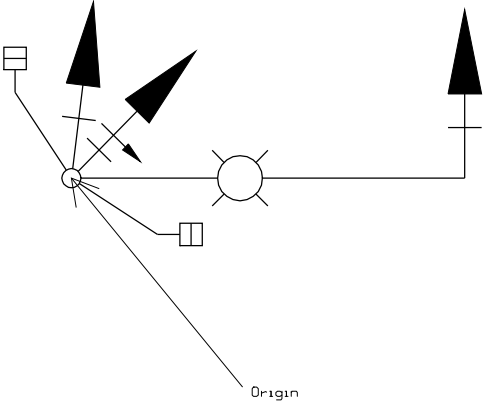
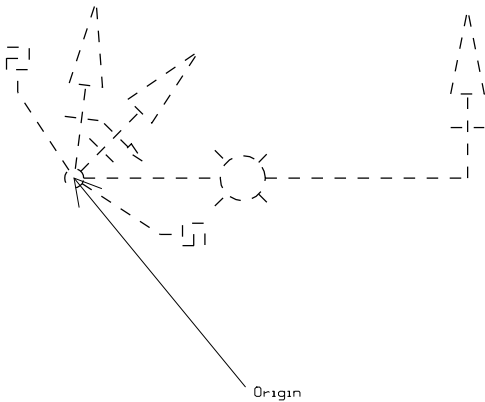
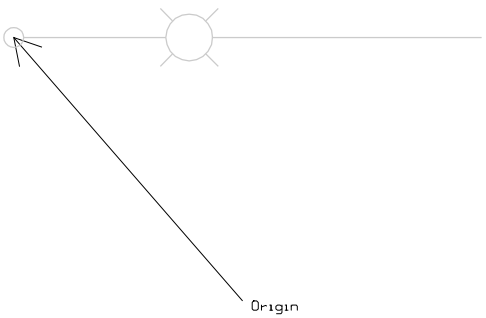
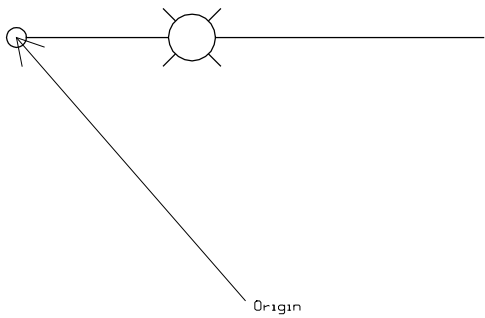
# V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: 30 POLE SALV</b></p> <p><b>DESCRIPTION: 30 FT POLE SALVAGE</b></p>	<p><b>NAME: 30 SIGNAL EX</b></p> <p><b>DESCRIPTION: 30 FT SIGNAL EX</b></p>
	
<p><b>NAME: 30 SIGNAL PROP</b></p> <p><b>DESCRIPTION: 30 FT SIGNAL PROP</b></p>	<p><b>NAME: 30 SIGNAL SALV</b></p> <p><b>DESCRIPTION: 30 FT SIGNAL SALVAGE</b></p>

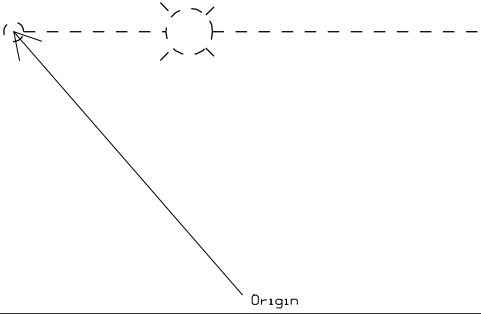
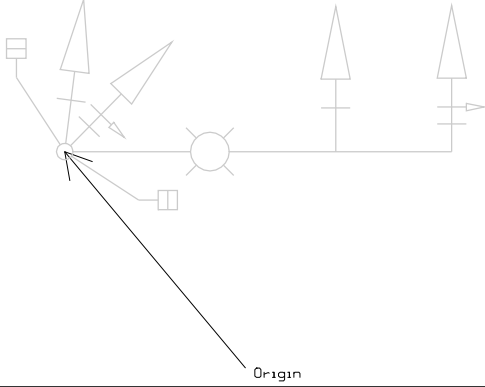
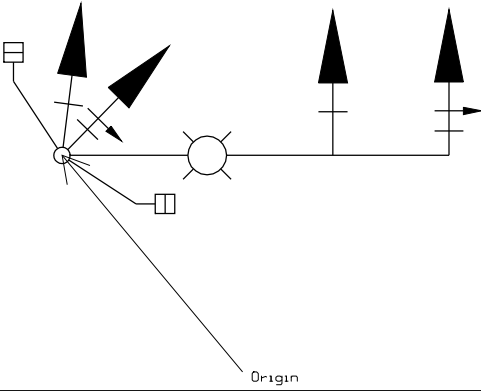
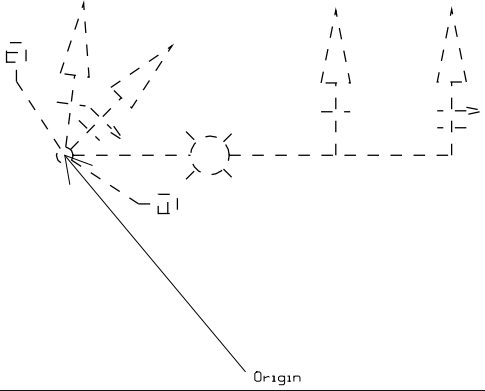
## V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: 35 POLE EX</b></p> <p><b>DESCRIPTION: 35 FT POLE EX</b></p>	<p><b>NAME: 35 POLE PROP</b></p> <p><b>DESCRIPTION: 35 FT POLE PROP</b></p>
	
<p><b>NAME: 35 POLE SALV</b></p> <p><b>DESCRIPTION: 35 FT POLE SALVAGE</b></p>	<p><b>NAME: 35 SIGNAL EX</b></p> <p><b>DESCRIPTION: 35 FT SIGNAL EX</b></p>

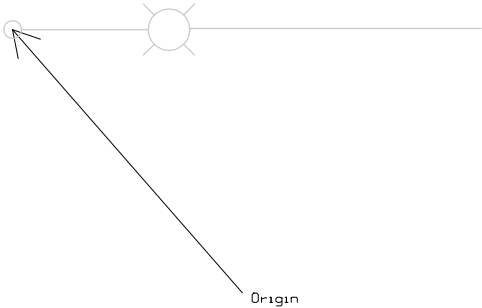
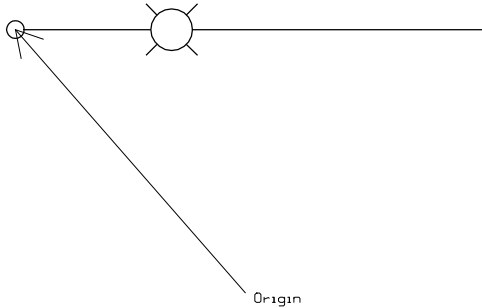
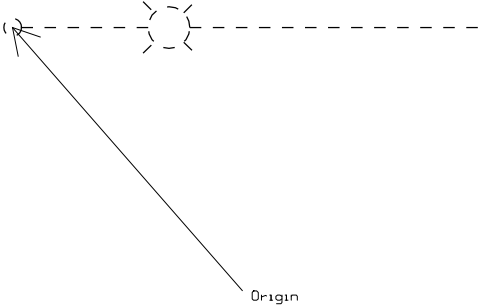
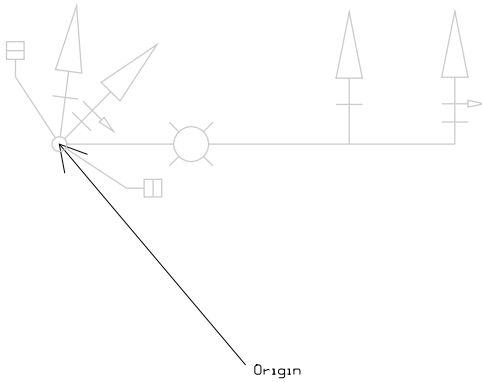
# V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: 35 SIGNAL PROP</b></p> <p><b>DESCRIPTION: 35 FT SIGNAL PROP</b></p>	<p><b>NAME: 35 SIGNAL SALV</b></p> <p><b>DESCRIPTION: 35 FT SIGNAL SALVAGE</b></p>
	
<p><b>NAME: 40 POLE EX</b></p> <p><b>DESCRIPTION: 40 FT POLE EX</b></p>	<p><b>NAME: 40 POLE PROP</b></p> <p><b>DESCRIPTION: 40 FT POLE PROP</b></p>

# V8 TRAFFIC EQUIPMENT.CEL

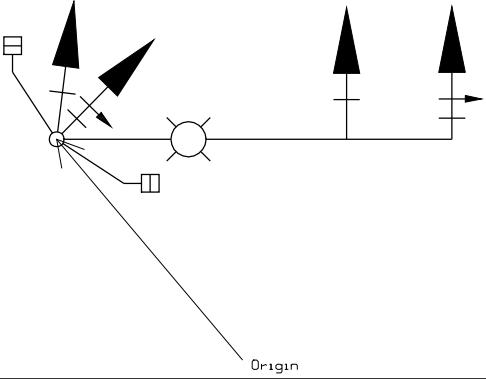
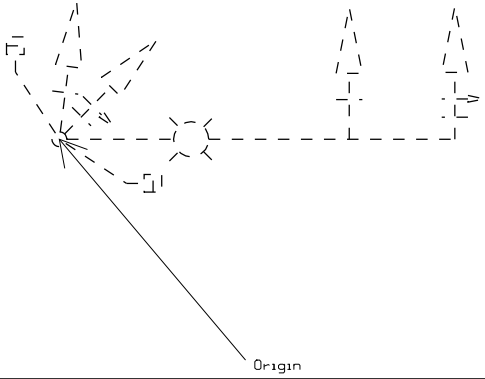
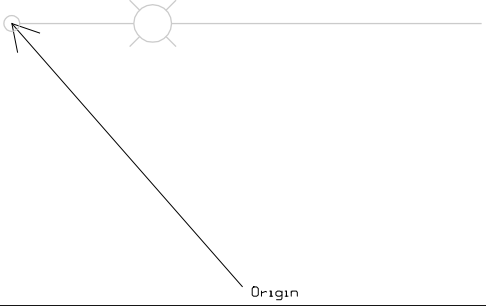
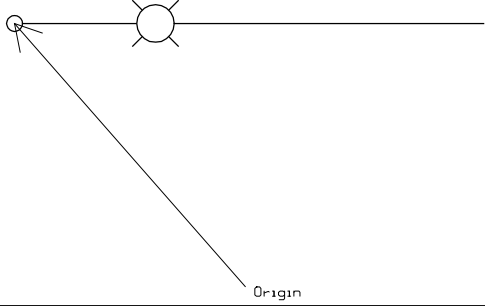
	
<p><b>NAME: 40 POLE SALV</b></p> <p><b>DESCRIPTION: 40 FT POLE SALVAGE</b></p>	<p><b>NAME: 40 SIGNAL EX</b></p> <p><b>DESCRIPTION: 40 FT SIGNAL EX</b></p>
	
<p><b>NAME: 40 SIGNAL PROP</b></p> <p><b>DESCRIPTION: 40 FT SIGNAL PROP</b></p>	<p><b>NAME: 40 SIGNAL SALV</b></p> <p><b>DESCRIPTION: 40 FT SIGNAL SALVAGE</b></p>

## V8 TRAFFIC EQUIPMENT.CEL

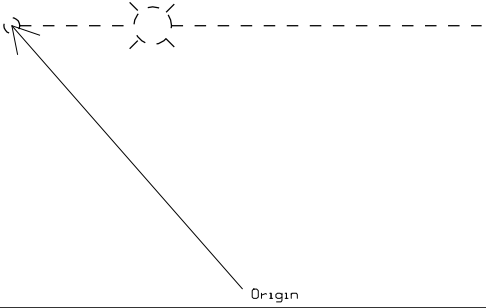
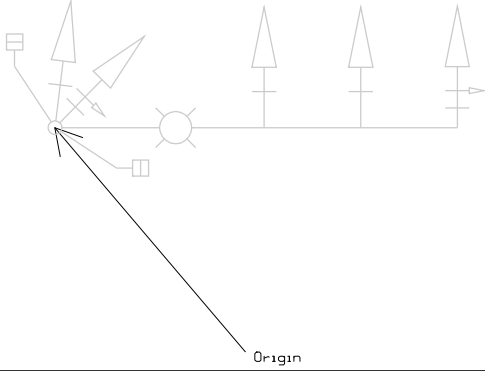
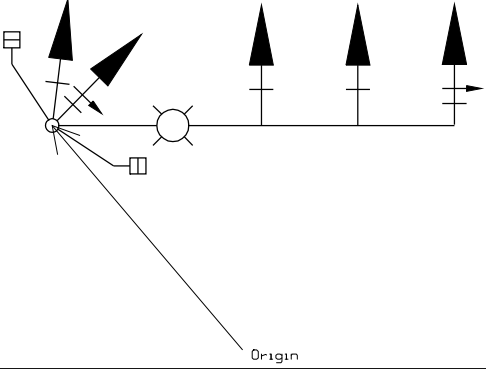
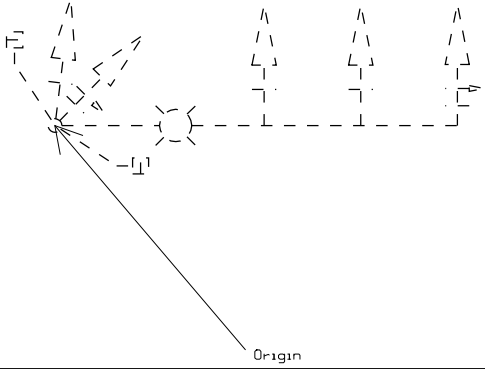
	
<p><b>NAME: 45 POLE EX</b></p> <p><b>DESCRIPTION: 45 FT POLE EX</b></p>	<p><b>NAME: 45 POLE PROP</b></p> <p><b>DESCRIPTION: 45 FT POLE PROP</b></p>
	
<p><b>NAME: 45 POLE SALV</b></p> <p><b>DESCRIPTION: 45 FT POLE SALVAGE</b></p>	<p><b>NAME: 45 SIGNAL EX</b></p> <p><b>DESCRIPTION: 45 FT SIGNAL EX</b></p>



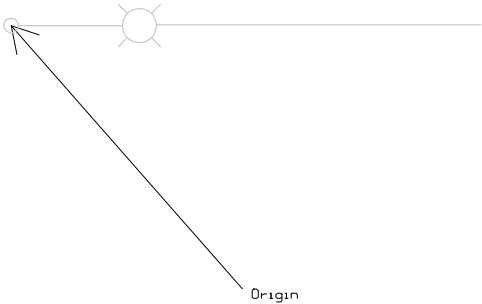
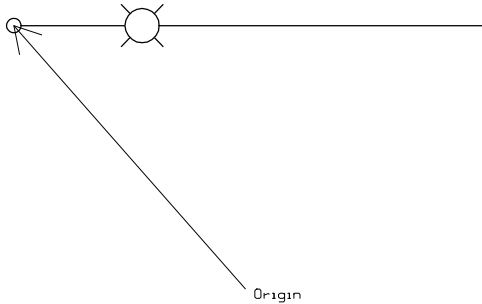
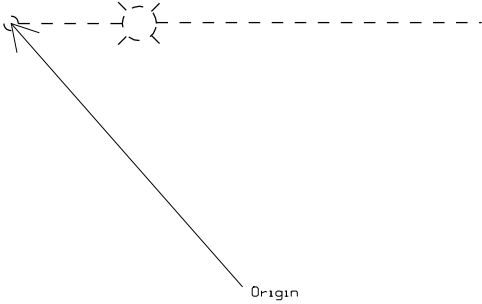
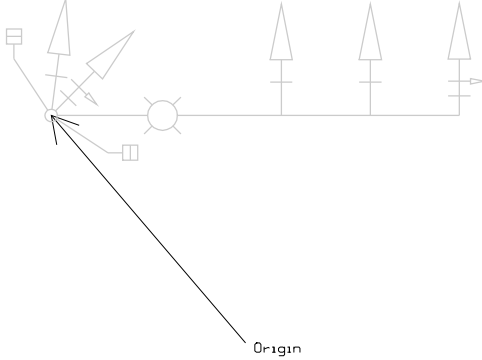
## V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: 45 SIGNAL PROP</b></p> <p><b>DESCRIPTION: 45 FT SIGNAL PROP</b></p>	<p><b>NAME: 45 SIGNAL SALV</b></p> <p><b>DESCRIPTION: 45 FT SIGNAL SALVAGE</b></p>
	
<p><b>NAME: 50 POLE EX</b></p> <p><b>DESCRIPTION: 50 FT POLE EX</b></p>	<p><b>NAME: 50 POLE PROP</b></p> <p><b>DESCRIPTION: 50 FT POLE PROP</b></p>

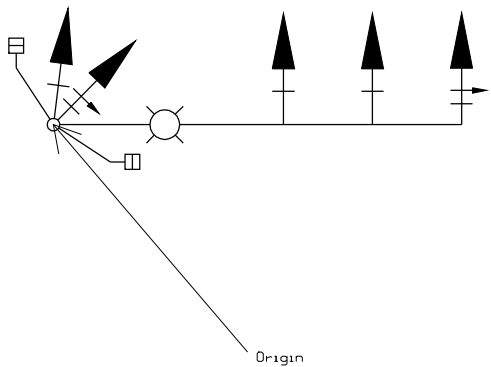
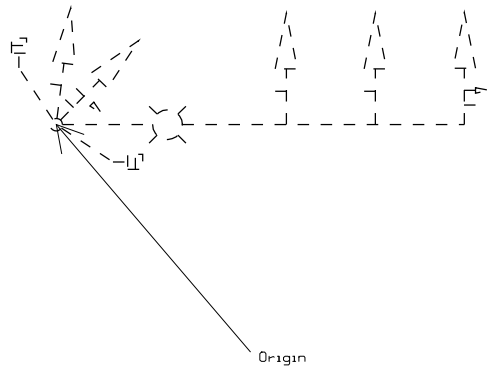
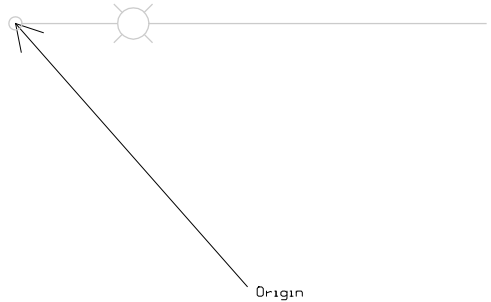
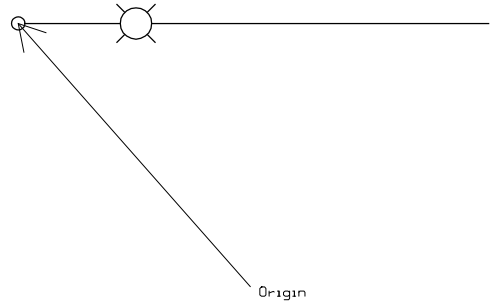
## V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: 50 POLE SALV</b></p> <p><b>DESCRIPTION: 50 FT POLE SALVAGE</b></p>	<p><b>NAME: 50 SIGNAL EX</b></p> <p><b>DESCRIPTION: 50 FT SIGNAL EX</b></p>
	
<p><b>NAME: 50 SIGNAL PROP</b></p> <p><b>DESCRIPTION: 50 FT SIGNAL PROP</b></p>	<p><b>NAME: 50 SIGNAL SALV</b></p> <p><b>DESCRIPTION: 50 FT SIGNAL SALVAGE</b></p>

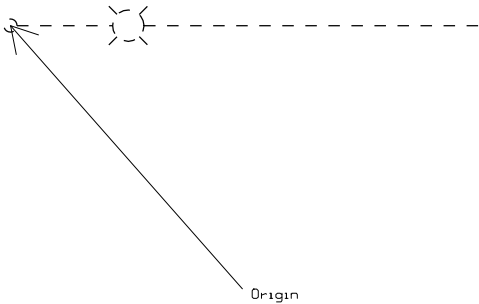
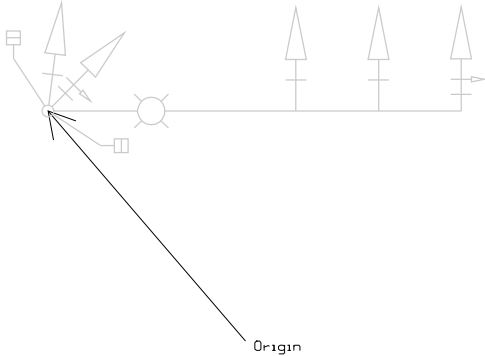
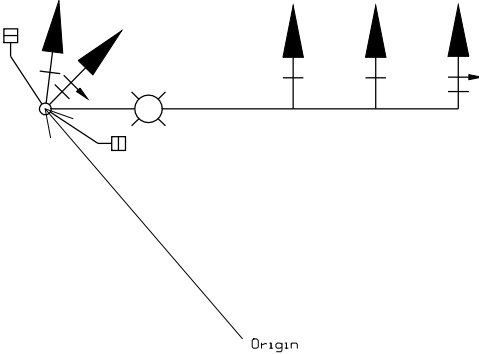
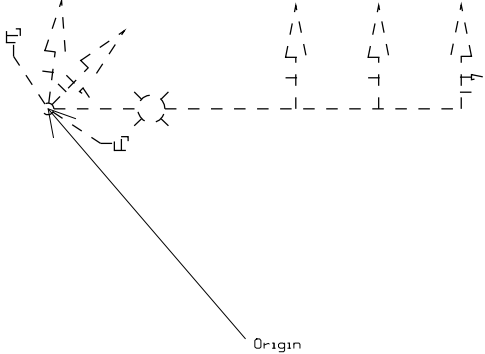
## V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: 55 POLE EX</b></p> <p><b>DESCRIPTION: 55 FT POLE EX</b></p>	<p><b>NAME: 55 POLE PROP</b></p> <p><b>DESCRIPTION: 55 FT POLE PROP</b></p>
	
<p><b>NAME: 55 POLE SALV</b></p> <p><b>DESCRIPTION: 55 FT POLE SALVAGE</b></p>	<p><b>NAME: 55 SIGNAL EX</b></p> <p><b>DESCRIPTION: 55 FT SIGNAL EX</b></p>

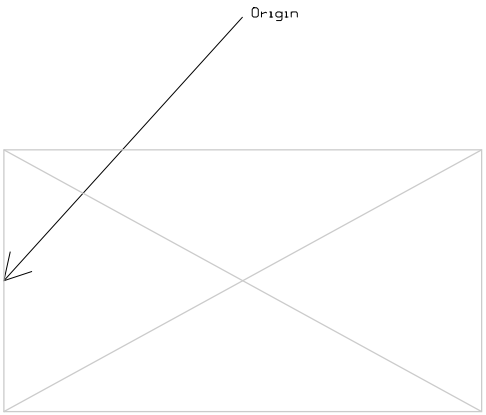
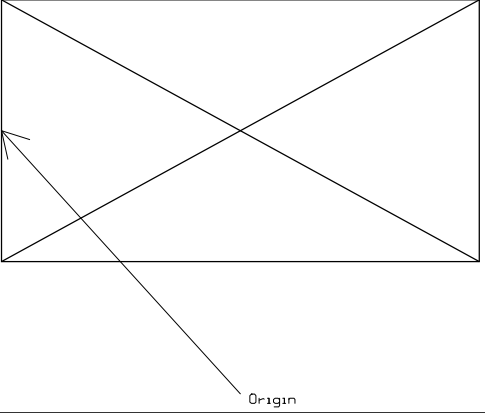
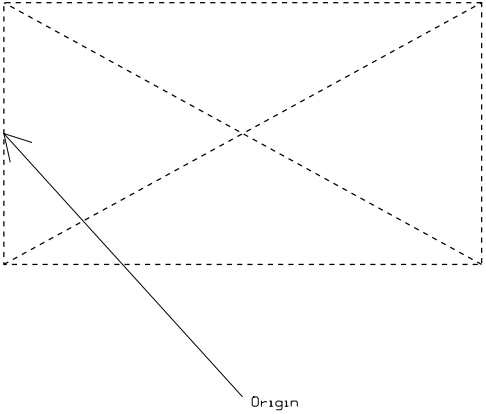
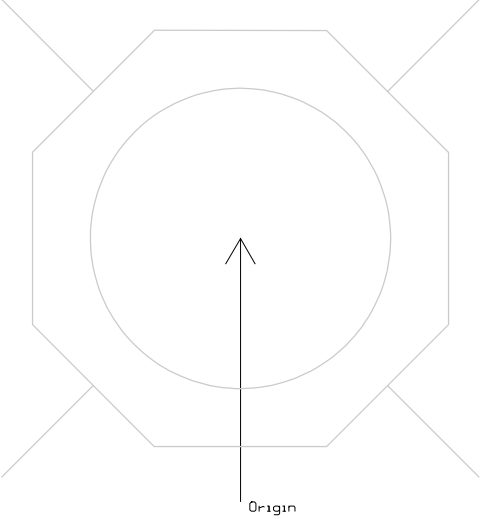
# V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: 55 SIGNAL PROP</b></p> <p><b>DESCRIPTION: 55 FT SIGNAL PROP</b></p>	<p><b>NAME: 55 SIGNAL SALV</b></p> <p><b>DESCRIPTION: 55 FT SIGNAL SALVAGE</b></p>
	
<p><b>NAME: 60 POLE EX</b></p> <p><b>DESCRIPTION: 60 FT POLE EX</b></p>	<p><b>NAME: 60 POLE PROP</b></p> <p><b>DESCRIPTION: 60 FT POLE PROP</b></p>

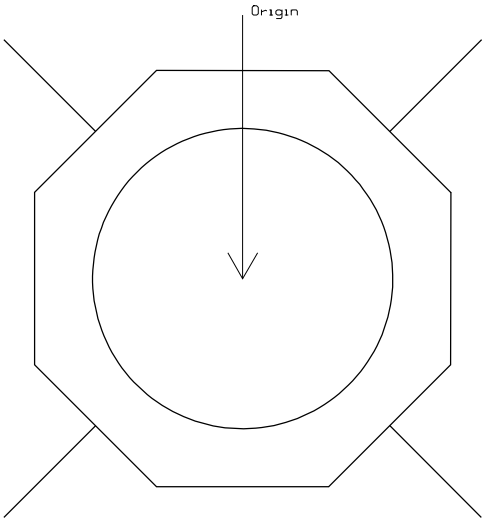
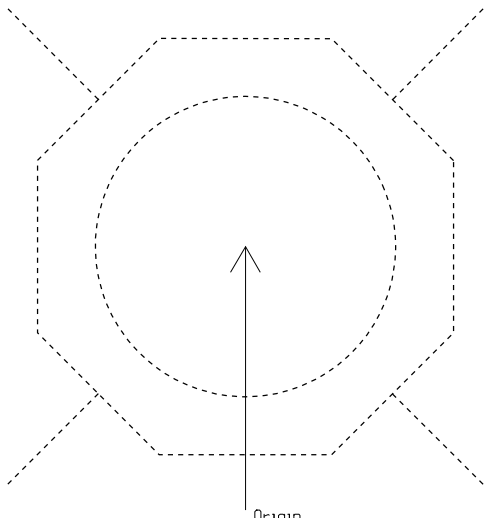
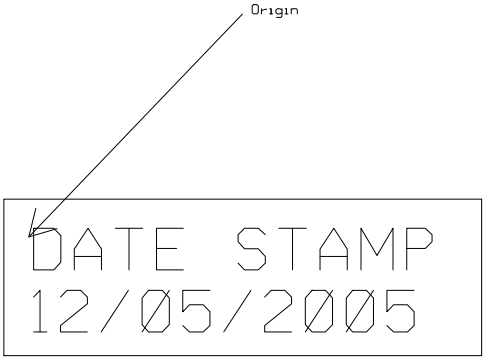
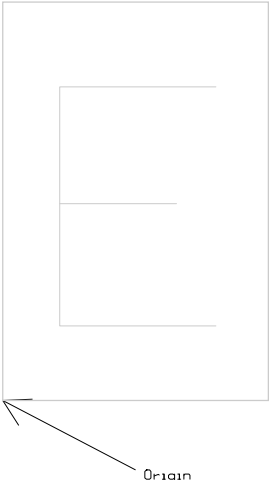
## V8 TRAFFIC EQUIPMENT.CEL

 <p>The diagram shows a symbol for a 60-foot pole salvage. It consists of a dashed horizontal line with a small circle at its left end. A solid line with an arrow points from the bottom right towards the circle. The word "Origin" is written below the arrow.</p>	 <p>The diagram shows a symbol for a 60-foot signal EX. It features a central circle with a horizontal line extending to the right. On the left, there are three trees and a small square. On the right, there are three trees and a small square. A solid line with an arrow points from the bottom right towards the central circle. The word "Origin" is written below the arrow.</p>
<p><b>NAME: 60 POLE SALV</b></p> <p><b>DESCRIPTION: 60 FT POLE SALVAGE</b></p>	<p><b>NAME: 60 SIGNAL EX</b></p> <p><b>DESCRIPTION: 60 FT SIGNAL EX</b></p>
 <p>The diagram shows a symbol for a 60-foot signal PROP. It features a central circle with a horizontal line extending to the right. On the left, there are three trees and a small square. On the right, there are three trees and a small square. A solid line with an arrow points from the bottom right towards the central circle. The word "Origin" is written below the arrow.</p>	 <p>The diagram shows a symbol for a 60-foot signal salvage. It features a central circle with a horizontal line extending to the right. On the left, there are three trees and a small square. On the right, there are three trees and a small square. A solid line with an arrow points from the bottom right towards the central circle. The word "Origin" is written below the arrow.</p>
<p><b>NAME: 60 SIGNAL PROP</b></p> <p><b>DESCRIPTION: 60 FT SIGNAL PROP</b></p>	<p><b>NAME: 60 SIGNALSALV</b></p> <p><b>DESCRIPTION: 60 FT SIGNAL SALVAGE</b></p>

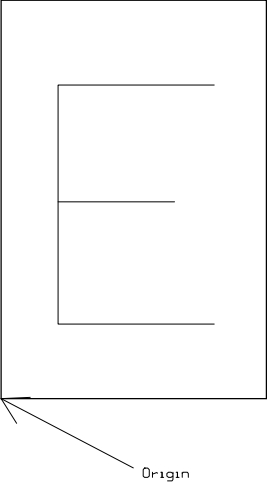
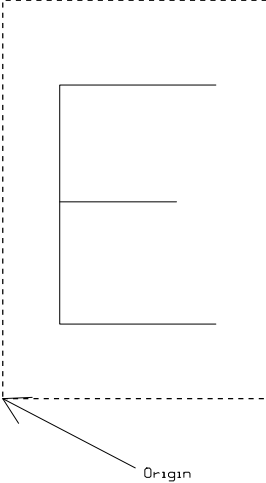
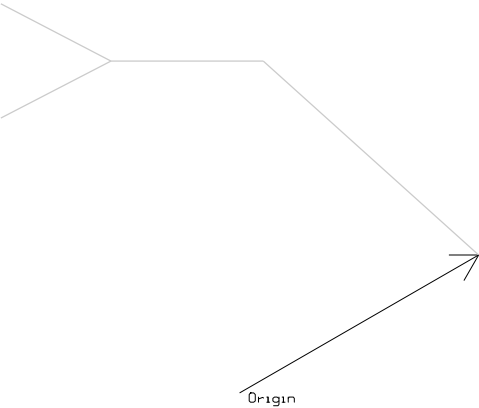
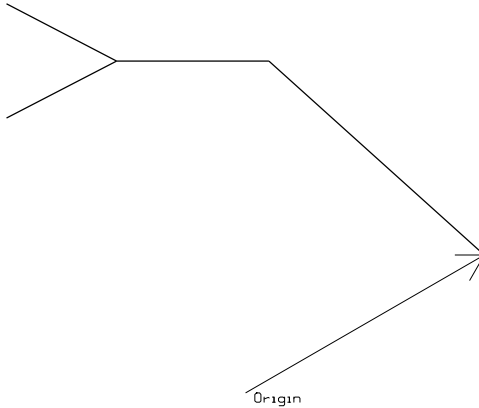
# V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: CONTROL EX</b></p> <p><b>DESCRIPTION: CONTROLLER EX</b></p>	<p><b>NAME: CONTROL PROP</b></p> <p><b>DESCRIPTION: CONTROLLER PROP</b></p>
	
<p><b>NAME: CONTROL SALV</b></p> <p><b>DESCRIPTION: CONTROLLER SALVAGE</b></p>	<p><b>NAME: CUSTOM LT EX</b></p> <p><b>DESCRIPTION: CUSTOM LIGHT EX</b></p>

# V8 TRAFFIC EQUIPMENT.CEL

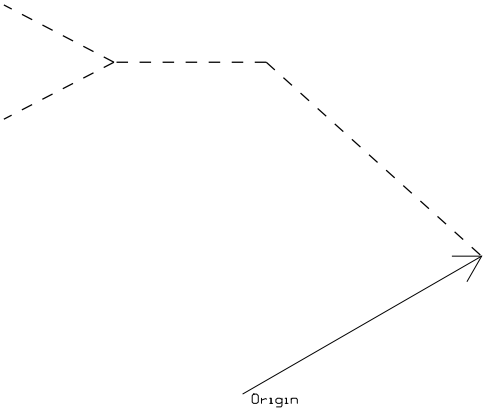
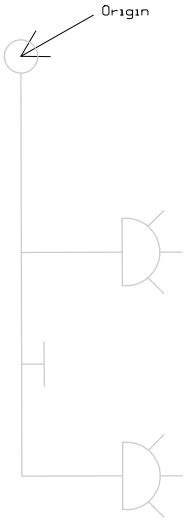
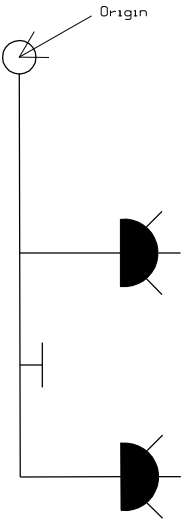
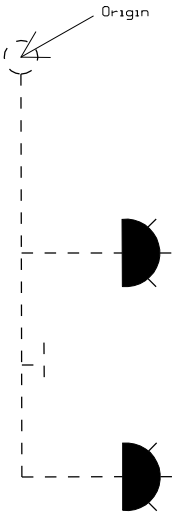
	
<p><b>NAME:</b> CUSTOM LT PROP</p> <p><b>DESCRIPTION:</b> CUSTOM LIGHT PROP</p>	<p><b>NAME:</b> CUSTOM LT SALVAGE</p> <p><b>DESCRIPTION:</b> CUSTOM LIGHT SALVAGE</p>
	
<p><b>NAME:</b> DATE STAMP</p> <p><b>DESCRIPTION:</b> Last Edit Date</p>	<p><b>NAME:</b> ELEC BOX EX</p> <p><b>DESCRIPTION:</b> ELECTRICAL BOX EX</p>

## V8 TRAFFIC EQUIPMENT.CEL

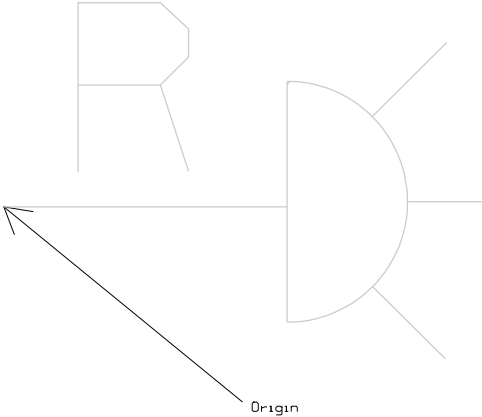
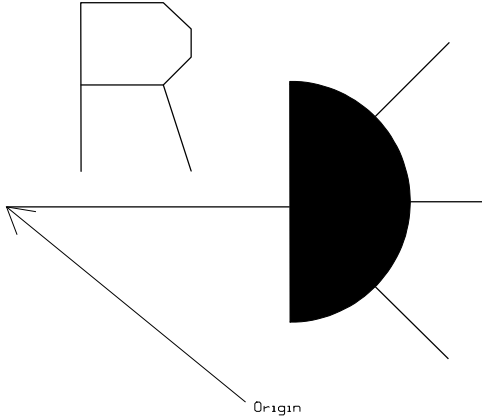
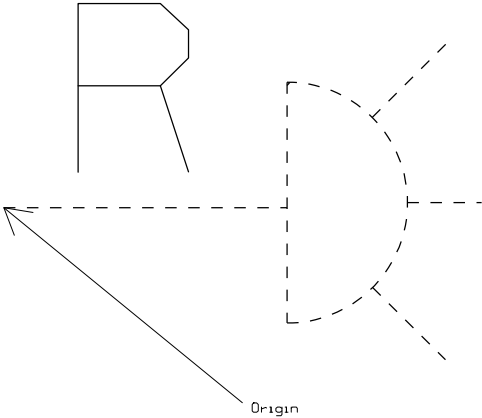
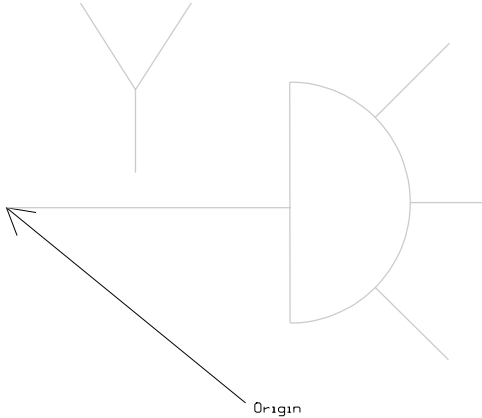
	
<p><b>NAME: ELEC BOX PROP</b></p> <p><b>DESCRIPTION: ELECTRICAL BOX PROP</b></p>	<p><b>NAME: ELEC BOX SALV</b></p> <p><b>DESCRIPTION: ELECTRICAL BOX SALVAGE</b></p>
	
<p><b>NAME: EVPE HEAD EX</b></p> <p><b>DESCRIPTION: EVPE HEAD EX</b></p>	<p><b>NAME: EVPE HEAD PROP</b></p> <p><b>DESCRIPTION: EVPE HEAD PROP</b></p>



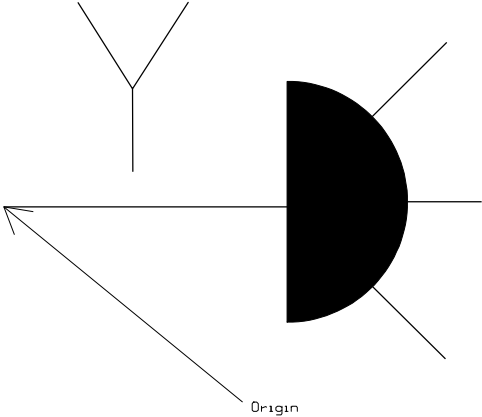
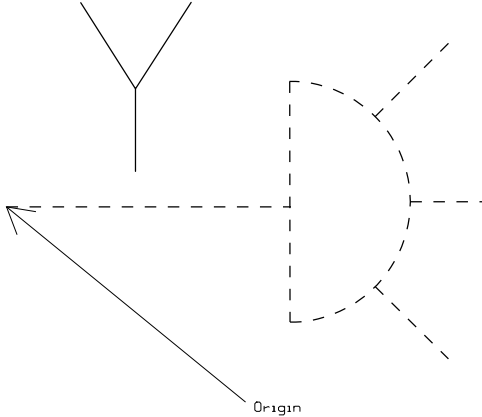
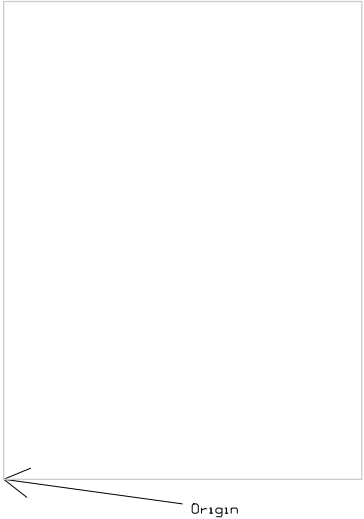

# V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: EVPE HEAD SALV</b></p> <p><b>DESCRIPTION: EVPE HEAD SALVAGE</b></p>	<p><b>NAME: FL BEACON EX</b></p> <p><b>DESCRIPTION: FLASHING BEACON EX</b></p>
	
<p><b>NAME: FL BEACON PROP</b></p> <p><b>DESCRIPTION: FLASHING BEACON PROP</b></p>	<p><b>NAME: FL BEACON SALV</b></p> <p><b>DESCRIPTION: FLASHING BEACON SALVAGE</b></p>

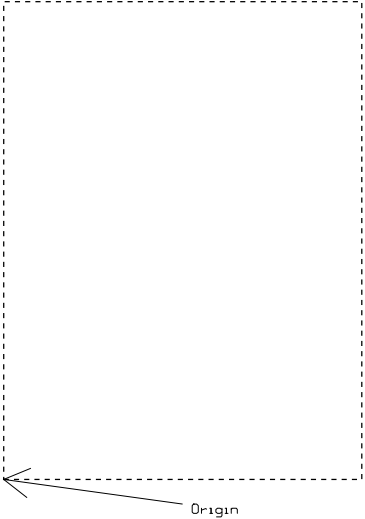
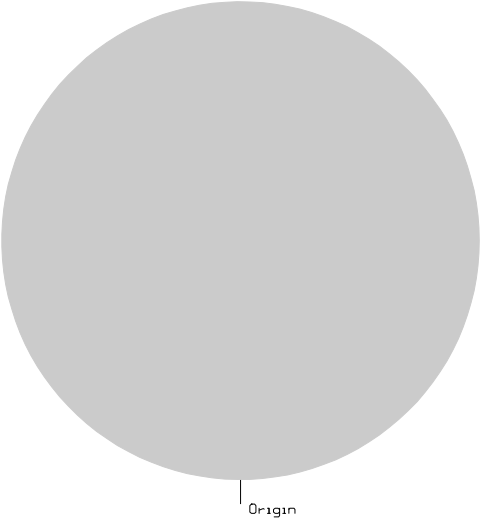
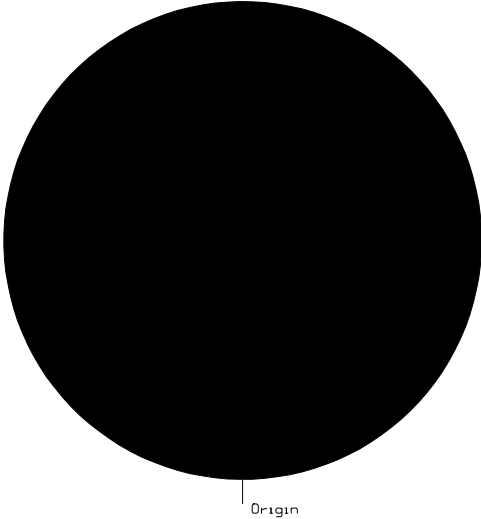

## V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: FL RED BEACON EX</b></p> <p><b>DESCRIPTION: FLASH RED BEACON EX</b></p>	<p><b>NAME: FL RED BEACON PROP</b></p> <p><b>DESCRIPTION: FLASH RED BEACON PROP</b></p>
	
<p><b>NAME: FL RED BEACON SALV</b></p> <p><b>DESCRIPTION: FLASH RED BEACON SALVAGE</b></p>	<p><b>NAME: FL YEL BEACON EX</b></p> <p><b>DESCRIPTION: FLASH YEL BEACON EX</b></p>

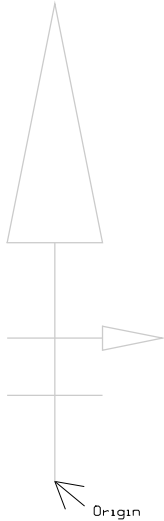
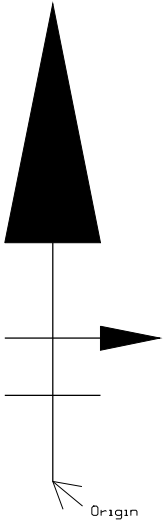
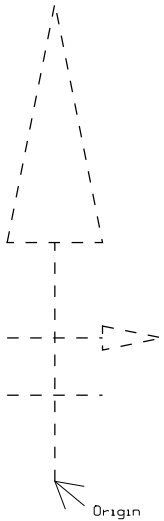
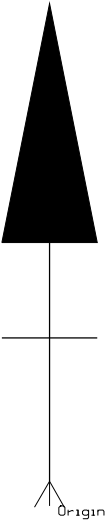
## V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: FL YEL BEACON PROP</b></p> <p><b>DESCRIPTION: FLASH YEL BEACON PROP</b></p>	<p><b>NAME: FL YEL BEACON SALV</b></p> <p><b>DESCRIPTION: FLASH YEL BEACON SALVAGE</b></p>
	
<p><b>NAME: HAND HOLE 3312 EX</b></p> <p><b>DESCRIPTION: HAND HOLE 3312 EX</b></p>	<p><b>NAME: HAND HOLE 3312 PROP</b></p> <p><b>DESCRIPTION: HAND HOLE 3312 PROP</b></p>

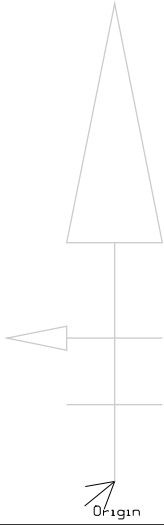
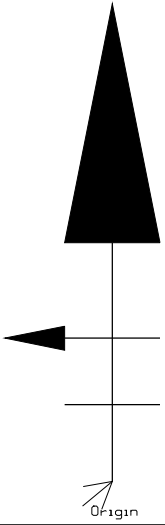
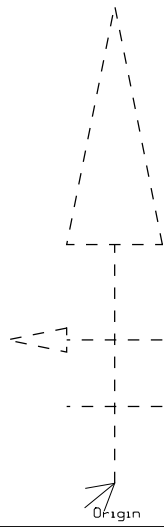
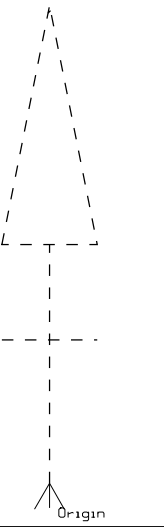
## V8 TRAFFIC EQUIPMENT.CEL

	
<p>NAME: HAND HOLE 3312 SALV</p> <p>DESCRIPTION: HAND HOLE 3312 SLAVAGE</p>	<p>NAME: HAND HOLE EX</p> <p>DESCRIPTION: HAND HOLE DET EX</p>
	
<p>NAME: HAND HOLE PROP</p> <p>DESCRIPTION: HAND HOLE DET PROP</p>	<p>NAME: HEAD EX</p> <p>DESCRIPTION: VEH HEAD EX</p>

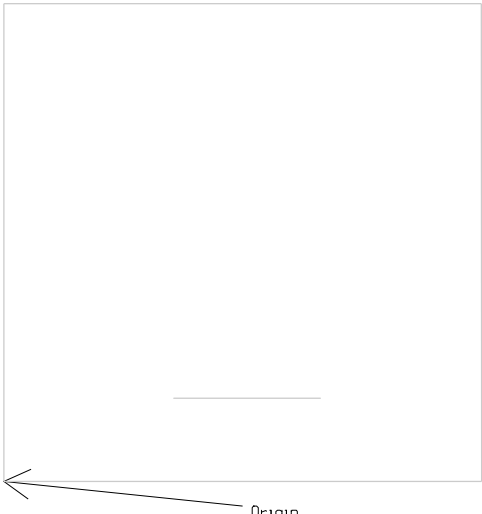
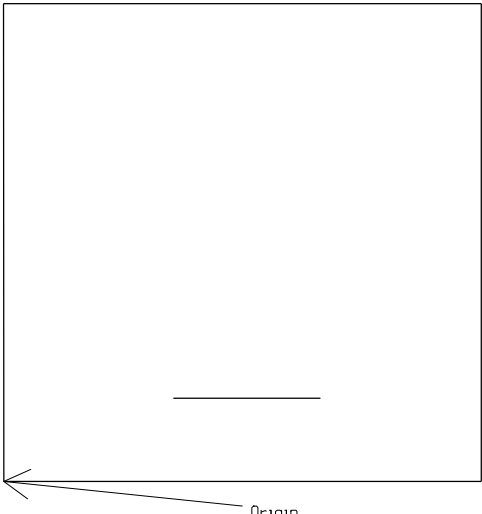
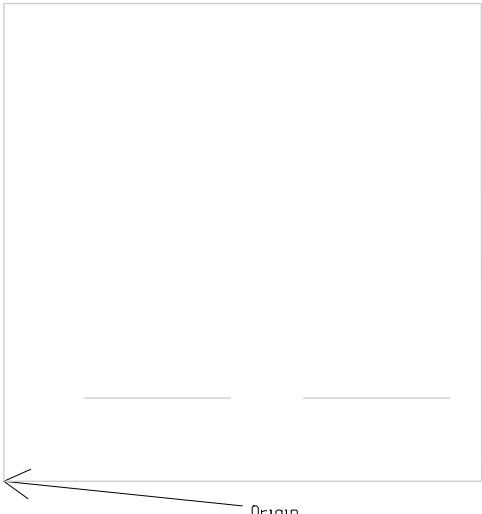
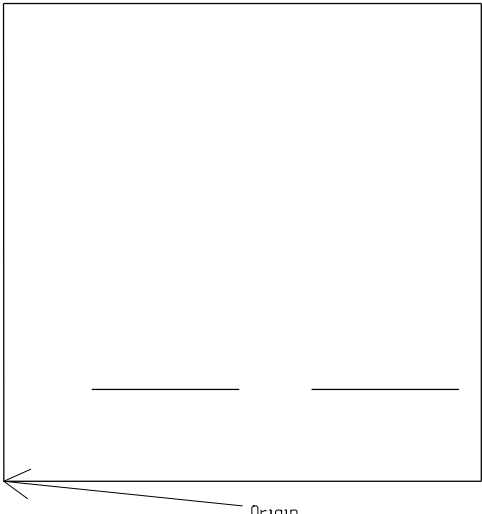
## V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: HEAD LT EX</b></p> <p><b>DESCRIPTION: VEH HEAD LEFT EX</b></p>	<p><b>NAME: HEAD LT PROP</b></p> <p><b>DESCRIPTION: VEH HEAD LEFT PROP</b></p>
	
<p><b>NAME: HEAD LT SALV</b></p> <p><b>DESCRIPTION: VEH HEAD LEFT SALVAGE</b></p>	<p><b>NAME: HEAD PROP</b></p> <p><b>DESCRIPTION: VEH HEAD PROP</b></p>

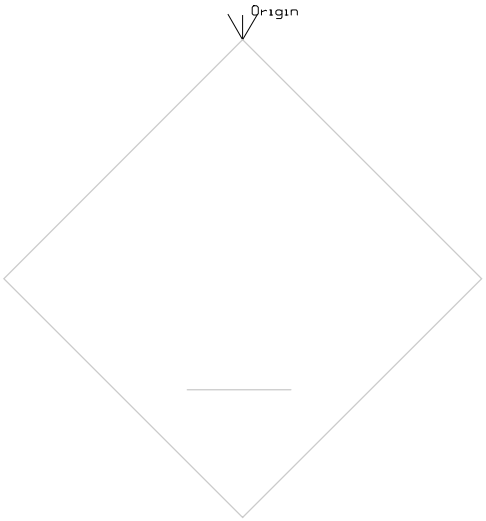
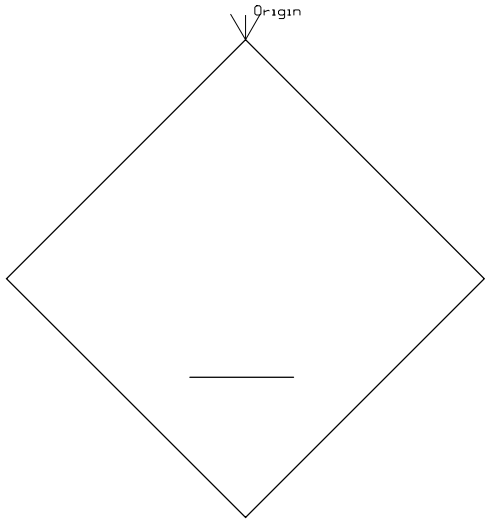
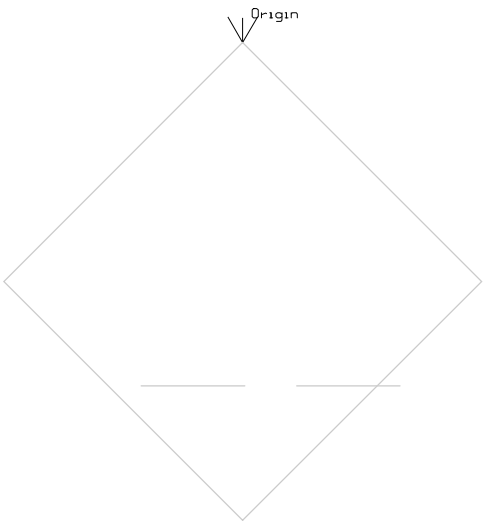
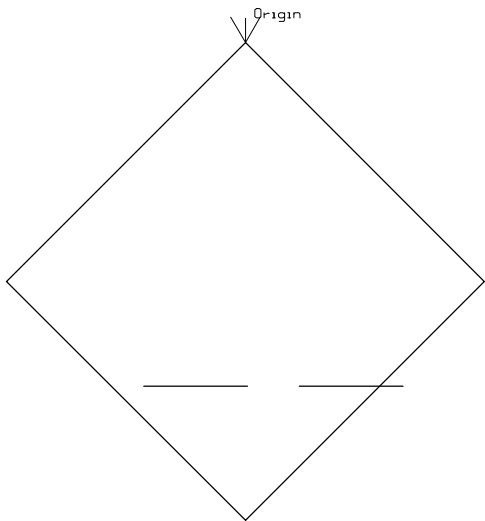
## V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: HEAD RT EX</b></p> <p><b>DESCRIPTION: VEH HEAD RIGHT EX</b></p>	<p><b>NAME: HEAD RT PROP</b></p> <p><b>DESCRIPTION: VEH HEAD RIGHT PROP</b></p>
	
<p><b>NAME: HEAD RT SALV</b></p> <p><b>DESCRIPTION: VEH HEAD RIGHT SALVAGE</b></p>	<p><b>NAME: HEAD SALV</b></p> <p><b>DESCRIPTION: VEH HEAD SALVAGE</b></p>

V8 TRAFFIC EQUIPMENT.CEL

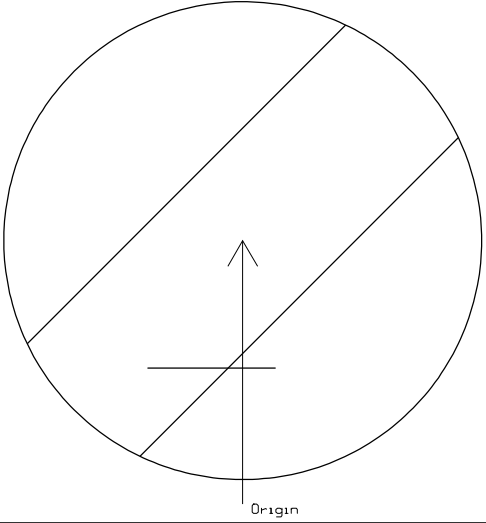
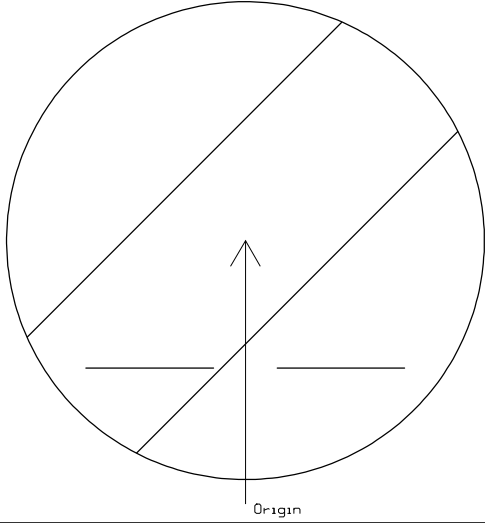
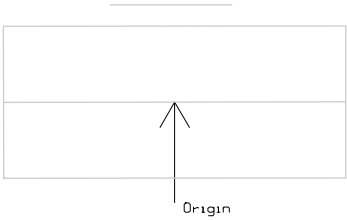
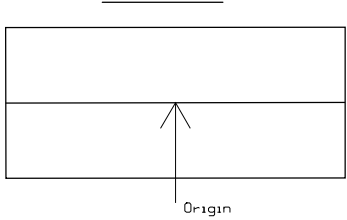
	
<p>NAME: LOOP A 1 CHAR EX</p> <p>DESCRIPTION: LOOP A 1 CHAR EX</p>	<p>NAME: LOOP A 1 CHAR PROP</p> <p>DESCRIPTION: LOOP A 1 CHAR PROP</p>
	
<p>NAME: LOOP A 2 CHAR EX</p> <p>DESCRIPTION: LOOP A 2 CHAR EX</p>	<p>NAME: LOOP A 2 CHAR PROP</p> <p>DESCRIPTION: LOOP A 2 CHAR PROP</p>

# V8 TRAFFIC EQUIPMENT.CEL

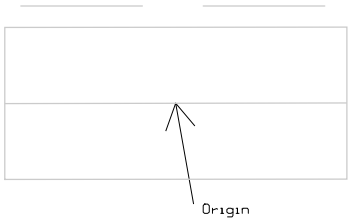
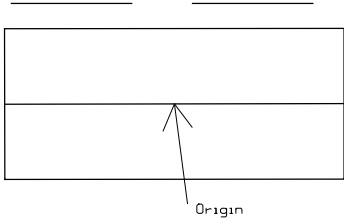
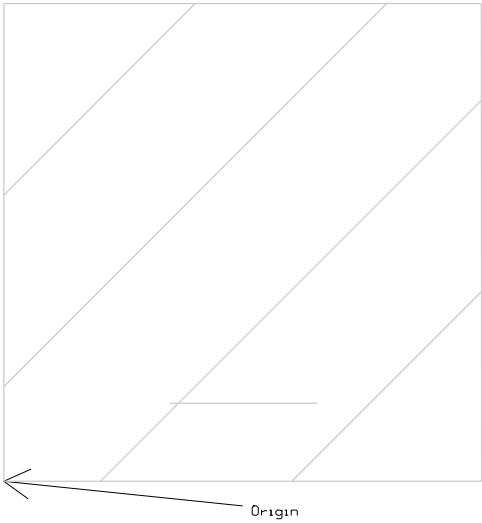
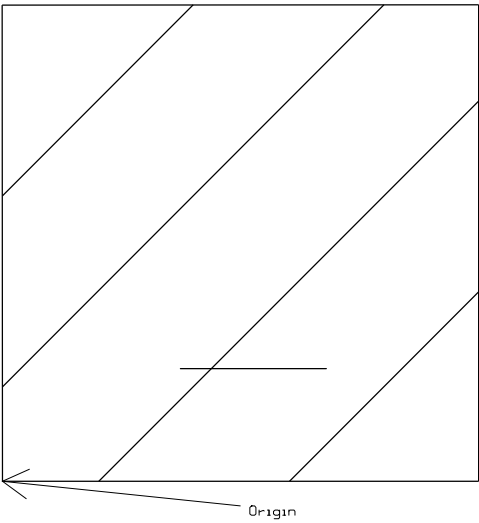
	
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<p><b>NAME: LOOP B 2 CHAR EX</b></p> <p><b>DESCRIPTION: LOOP B 2 CHAR EX</b></p>	<p><b>NAME: LOOP B 2 CHAR PROP</b></p> <p><b>DESCRIPTION: LOOP B 2 CHAR PROP</b></p>



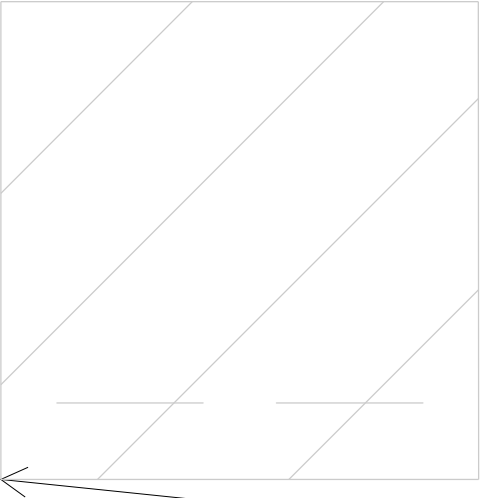
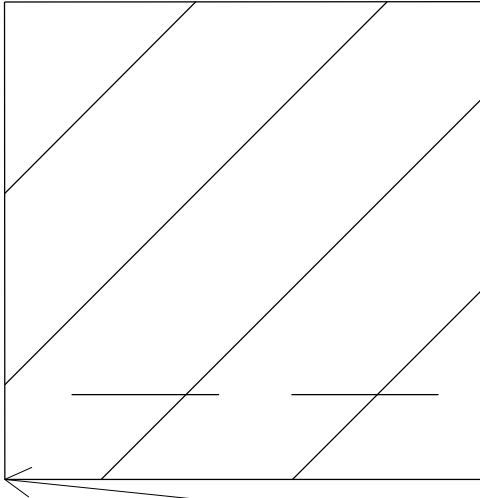
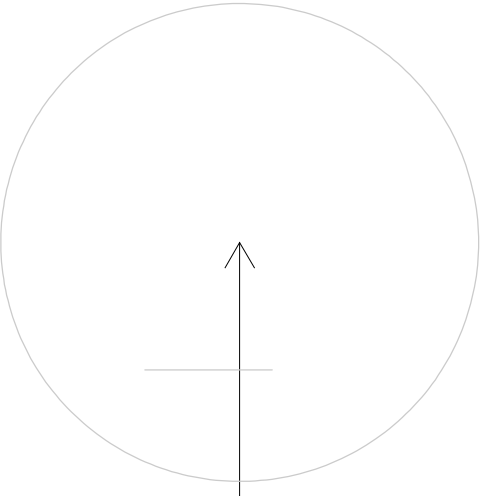
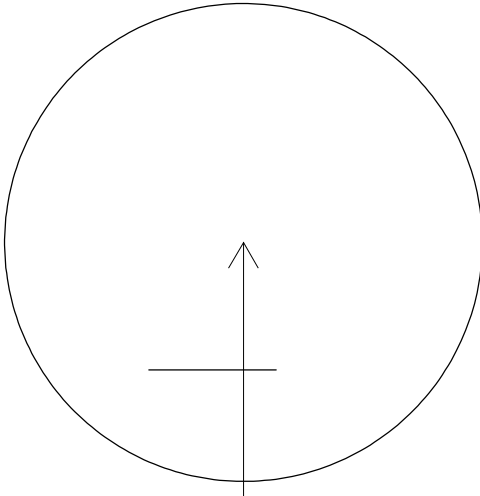
# V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: LOOP BIKE E 1 CHAR PROP</b></p> <p><b>DESCRIPTION: LOOP BIKE E 1 CHAR PROP</b></p>	<p><b>NAME: LOOP BIKE E 2 CHAR PROP</b></p> <p><b>DESCRIPTION: LOOP BIKE E 2 CHAR PROP</b></p>
	
<p><b>NAME: LOOP BIKE Q 1 CHAR EX</b></p> <p><b>DESCRIPTION: LOOP BIKE Q 1 CHAR EX</b></p>	<p><b>NAME: LOOP BIKE Q 1 CHAR PROP</b></p> <p><b>DESCRIPTION: LOOP BIKE Q 1 CHAR PROP</b></p>

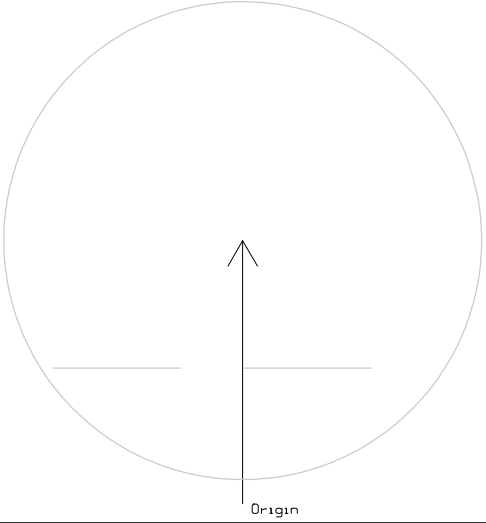
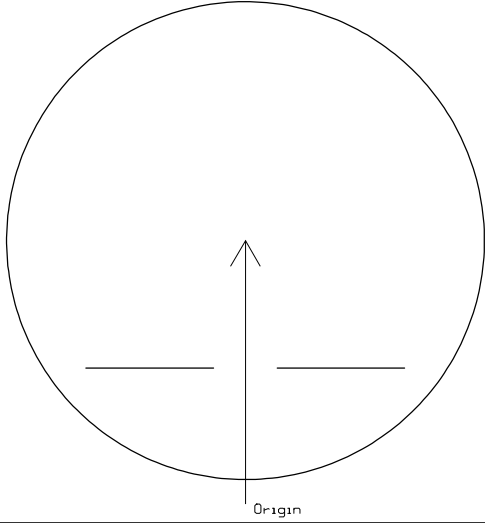
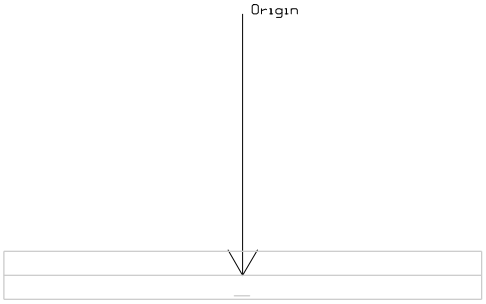
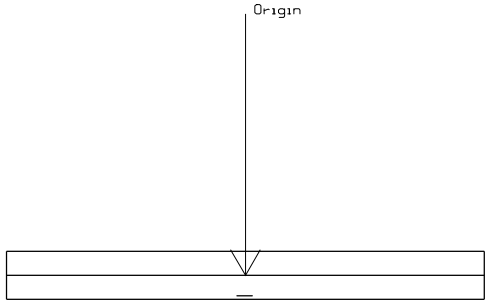
## V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: LOOP BIKE Q 2 CHAR EX</b></p> <p><b>DESCRIPTION: LOOP BIKE Q 2 CHAR EX</b></p>	<p><b>NAME: LOOP BIKE Q 2 CHAR PROP</b></p> <p><b>DESCRIPTION: LOOP BIKE Q 2 CHAR RPOP</b></p>
	
<p><b>NAME: LOOP D 1 CHAR EX</b></p> <p><b>DESCRIPTION: LOOP D 1 CHAR EX</b></p>	<p><b>NAME: LOOP D 1 CHAR PROP</b></p> <p><b>DESCRIPTION: LOOP D 1 CHAR PROP</b></p>

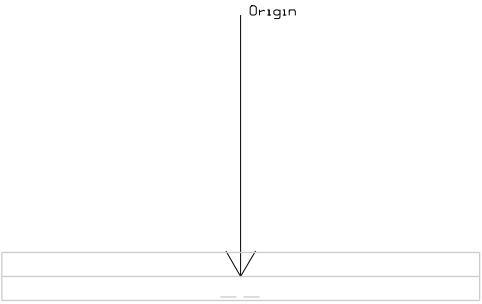
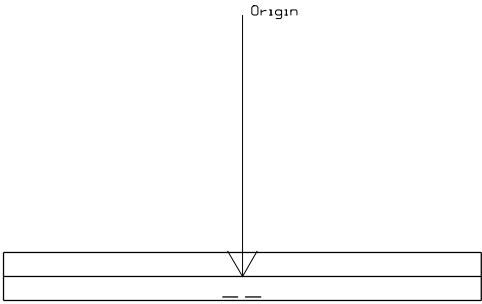
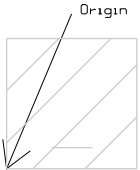

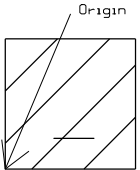
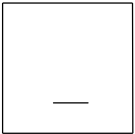
# V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: LOOP D 2 CHAR EX</b></p> <p><b>DESCRIPTION: LOOP D 2 CHAR EX</b></p>	<p><b>NAME: LOOP D 2 CHAR PROP</b></p> <p><b>DESCRIPTION: LOOP D 2 CHAR PROP</b></p>
	
<p><b>NAME: LOOP E 1 CHAR EX</b></p> <p><b>DESCRIPTION: LOOP E 1 CHAR EX</b></p>	<p><b>NAME: LOOP E 1 CHAR PROP</b></p> <p><b>DESCRIPTION: LOOP E 1 CHAR PROP</b></p>

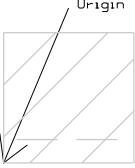

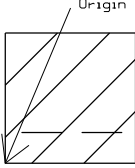
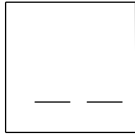
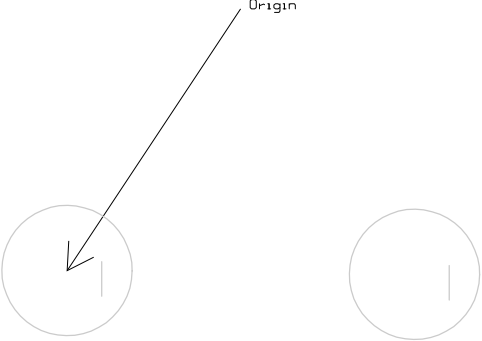
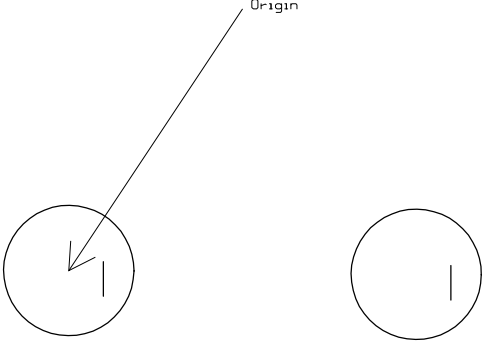
# V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: LOOP E 2 CHAR EX</b></p> <p><b>DESCRIPTION: LOOP E 2 CHAR EX</b></p>	<p><b>NAME: LOOP E 2 CHAR PROP</b></p> <p><b>DESCRIPTION: LOOP E 2 CHAR PROP</b></p>
	
<p><b>NAME: LOOP QUAD Q 1 CHAR EX</b></p> <p><b>DESCRIPTION: LOOP QUADRAPOLE Q 1 CHAR EX</b></p>	<p><b>NAME: LOOP QUAD Q 1 CHAR PROP</b></p> <p><b>DESCRIPTION: LOOP QUADRAPOLE Q 1 CHAR PROP</b></p>

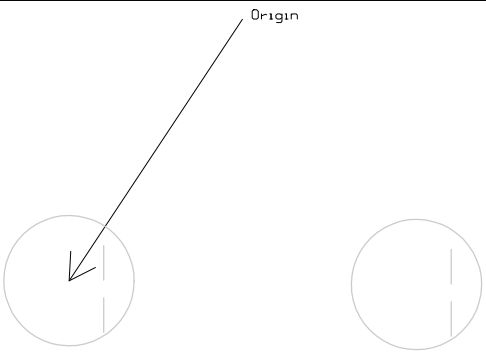
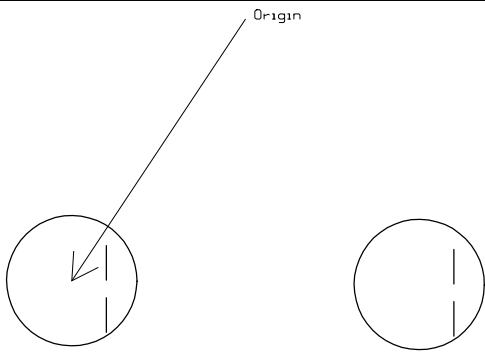
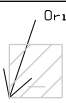







# V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: LOOP QUAD Q 2 CHAR EX</b></p> <p><b>DESCRIPTION: LOOP QUADRAPOLE Q 2 CHAR EX</b></p>	<p><b>NAME: LOOP QUAD Q 2 CHAR PROP</b></p> <p><b>DESCRIPTION: LOOP QUADRAPOLE Q 2 CHAR PROP</b></p>
 	 
<p><b>NAME: LOOPS 2 DA 1 CHAR EX</b></p> <p><b>DESCRIPTION: LOOPS 2 DA 1 CHAR EX</b></p>	<p><b>NAME: LOOPS 2 DA 1 CHAR PROP</b></p> <p><b>DESCRIPTION: LOOPS 2 DA 1 CHAR PROP</b></p>









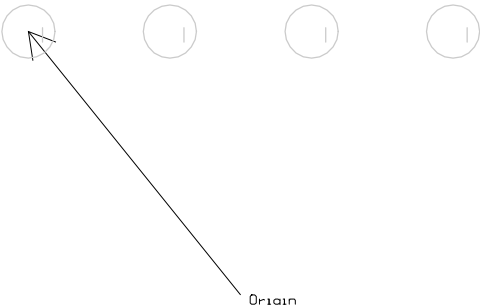
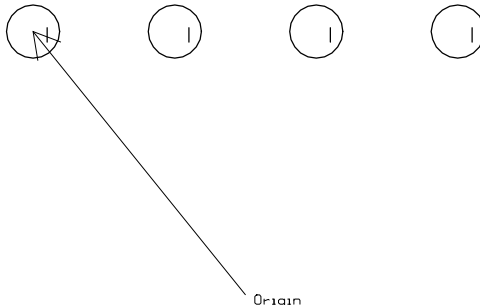
# V8 TRAFFIC EQUIPMENT.CEL

 	 
<p><b>NAME: LOOPS 2 DA 2 CHAR EX</b></p> <p><b>DESCRIPTION: LOOPS 2 DA 2 CHAR EX</b></p>	<p><b>NAME: LOOPS 2 DA 2 CHAR PROP</b></p> <p><b>DESCRIPTION: LOOPS 2 DA 2 CHAR PROP</b></p>
	
<p><b>NAME: LOOPS 2 E 1 CHAR EX</b></p> <p><b>DESCRIPTION: LOOPS 2 E 1 CHAR EX</b></p>	<p><b>NAME: LOOPS 2 E 1 CHAR PROP</b></p> <p><b>DESCRIPTION: LOOPS 2 E 1 CHAR PROP</b></p>

# V8 TRAFFIC EQUIPMENT.CEL

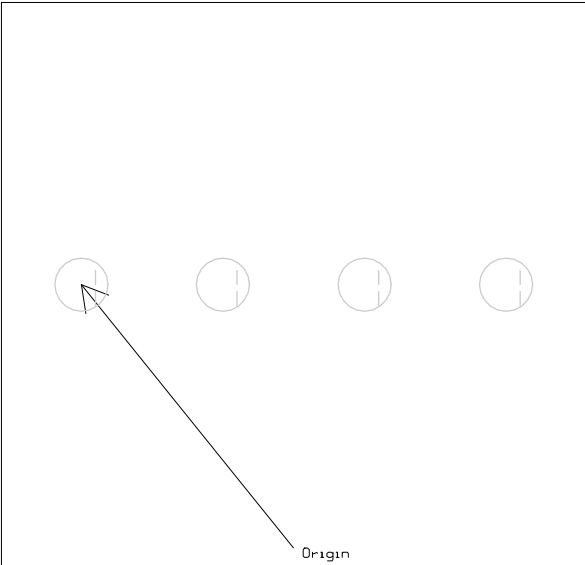
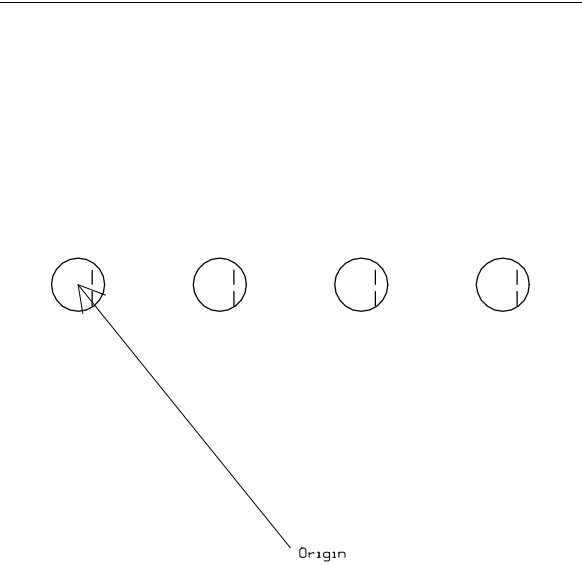
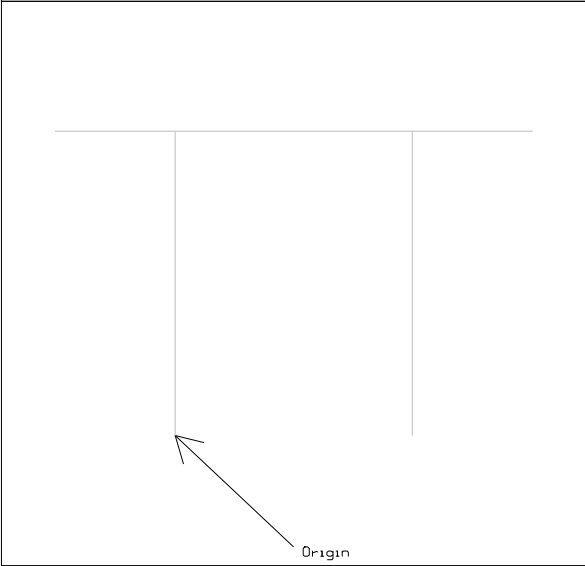
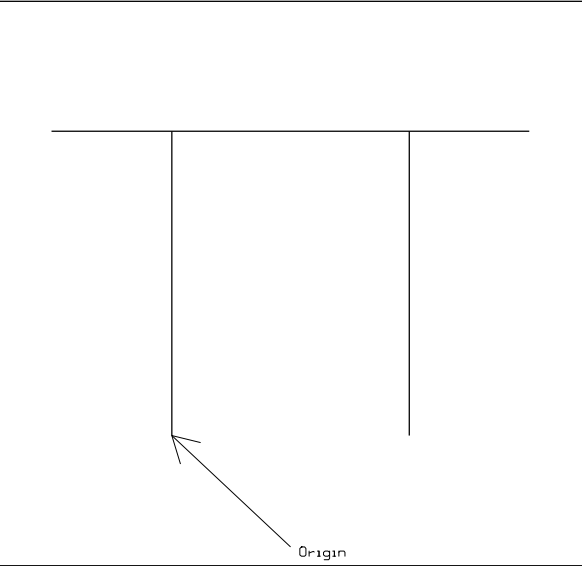
	
<p><b>NAME: LOOPS 2 E 2 CHAR EX</b></p> <p><b>DESCRIPTION: LOOPS 2 E 2 CHAR EX</b></p>	<p><b>NAME: LOOPS 2 E 2 CHAR PROP</b></p> <p><b>DESCRIPTION: LOOPS 2 E 2 CHAR PROP</b></p>
   	   
<p><b>NAME: LOOPS 4 DA 1 CHAR EX</b></p> <p><b>DESCRIPTION: LOOPS 4 DA 1 CHAR EX</b></p>	<p><b>NAME: LOOPS 4 DA 1 CHAR PROP</b></p> <p><b>DESCRIPTION: LOOPS 4 DA 1 CHAR PROP</b></p>

V8 TRAFFIC EQUIPMENT.CEL

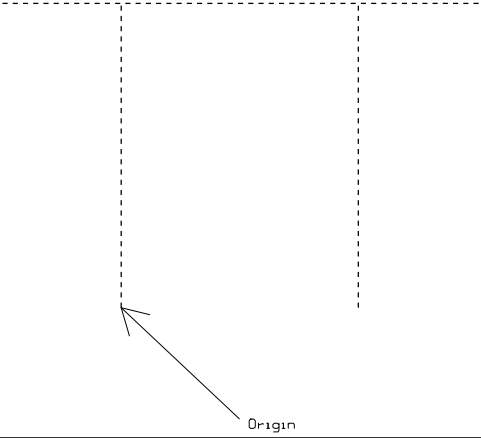
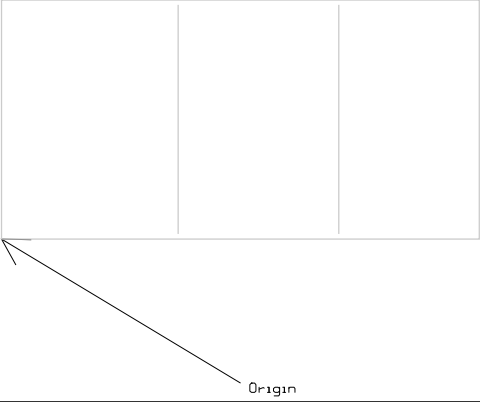
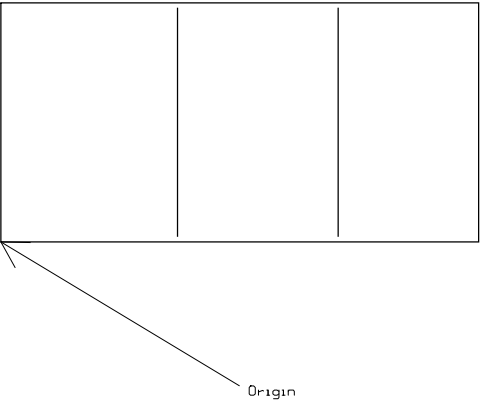
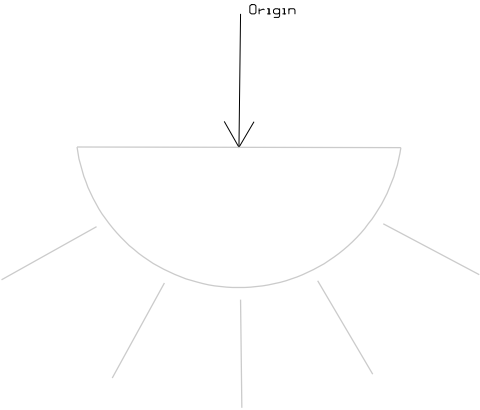
   	   
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<p>NAME: LOOPS 4 E 1 CHAR EX</p> <p>DESCRIPTION: LOOPS 4 E 1 CHAR EX</p>	<p>NAME: LOOPS 4 E 1 CHAR PROP</p> <p>DESCRIPTION: LOOPS 4 E 1 CHAR PROP</p>



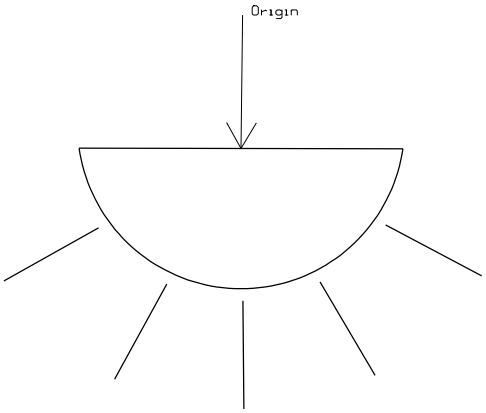
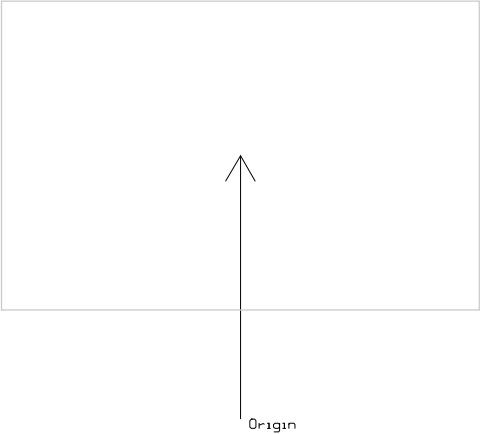
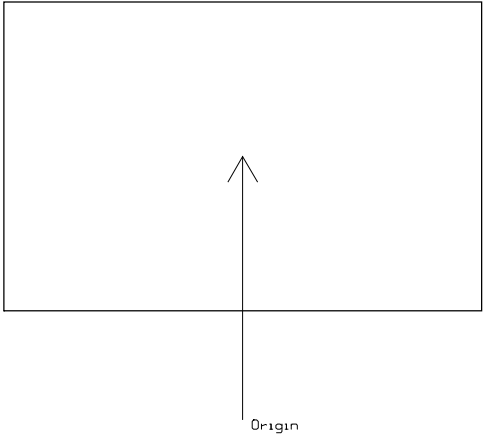
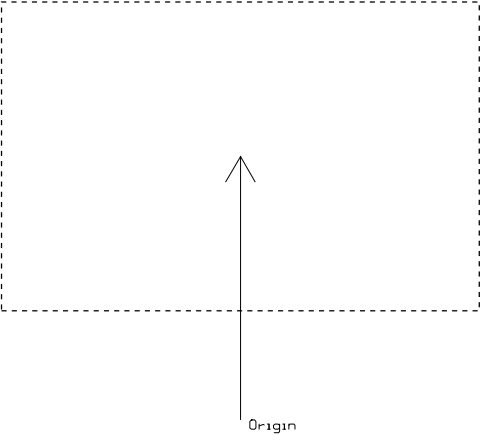
V8 TRAFFIC EQUIPMENT.CEL

	
<p>NAME: LOOPS 4 E 2 CHAR EX</p> <p>DESCRIPTION: LOOPS 4 E 2 CHAR EX</p>	<p>NAME: LOOPS 4 E 2 CHAR PROP</p> <p>DESCRIPTION: LOOPS 4 E 2 CHAR PROP</p>
	
<p>NAME: MAST ARM SIGNAL EX</p> <p>DESCRIPTION: MAST ARM SIGNAL EX</p>	<p>NAME: MAST ARM SIGNAL PROP</p> <p>DESCRIPTION: MAST ARM SIGNAL PROP</p>

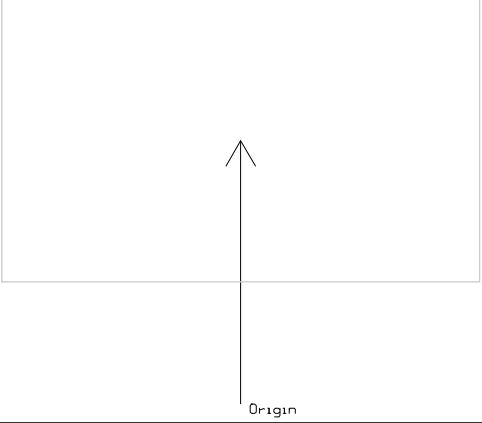
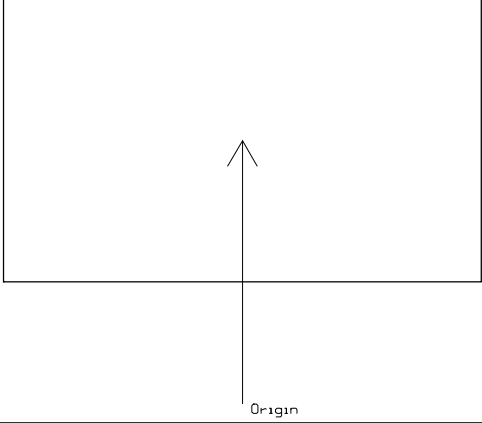
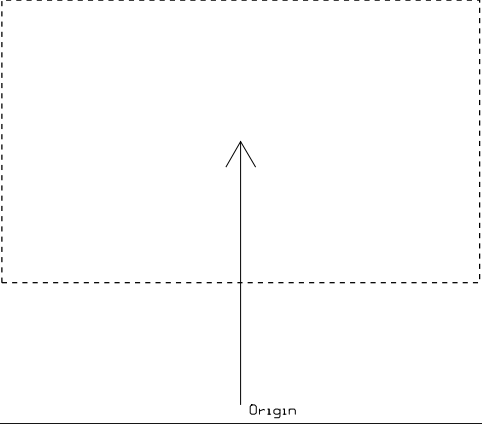
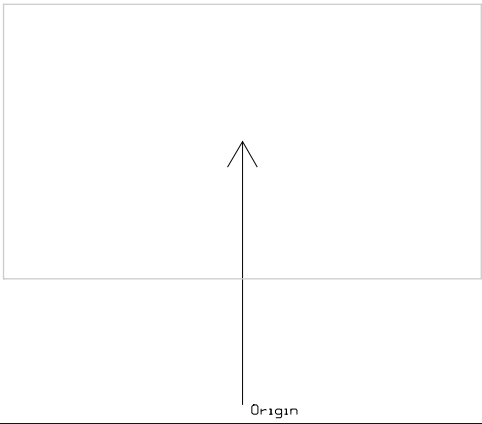
# V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: MAST ARM SIGNAL SALV</b></p> <p><b>DESCRIPTION: MAST ARM SIGNAL SALVAGE</b></p>	<p><b>NAME: MULTIPLE FIBOPT EX</b></p> <p><b>DESCRIPTION: MULTIPLEXER FIBEROPTIC EX</b></p>
	
<p><b>NAME: MULTIPLE FIBOPT PROP</b></p> <p><b>DESCRIPTION: MULTIPLEXER FIBEROPTIC PROP</b></p>	<p><b>NAME: NOSE LT EX</b></p> <p><b>DESCRIPTION: NOSE LIGHT EX</b></p>

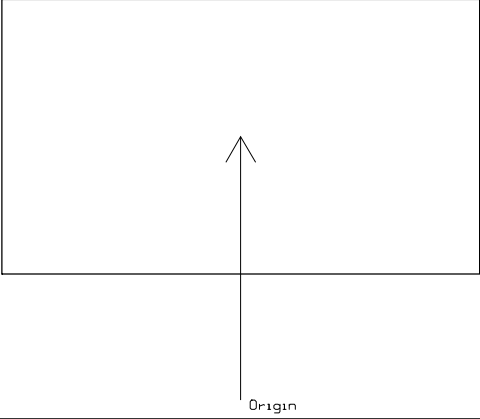
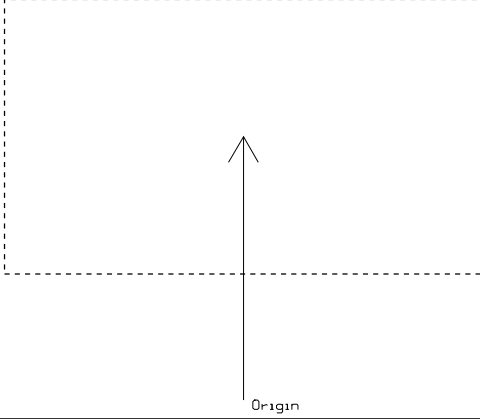
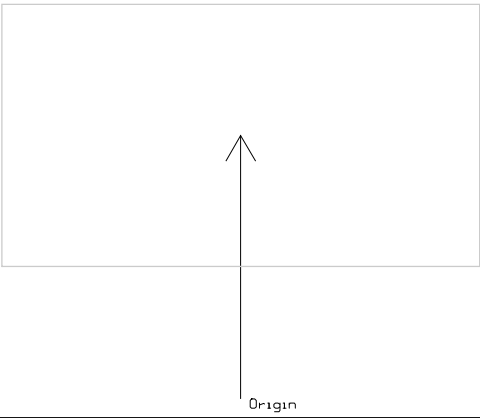
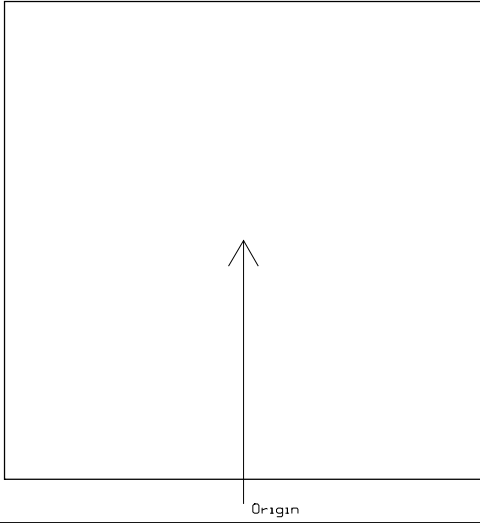
## V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: NOSE LT PROP</b></p> <p><b>DESCRIPTION: NOSE LIGHT PROP</b></p>	<p><b>NAME: PB 3.5 EX</b></p> <p><b>DESCRIPTION: PULLBOX 3.5 EXIST</b></p>
	
<p><b>NAME: PB 3.5 PROP</b></p> <p><b>DESCRIPTION: PULLBOX 3.5 PROP</b></p>	<p><b>NAME: PB 3.5 SALV</b></p> <p><b>DESCRIPTION: PULLBOX 3.5 SALVAGE</b></p>

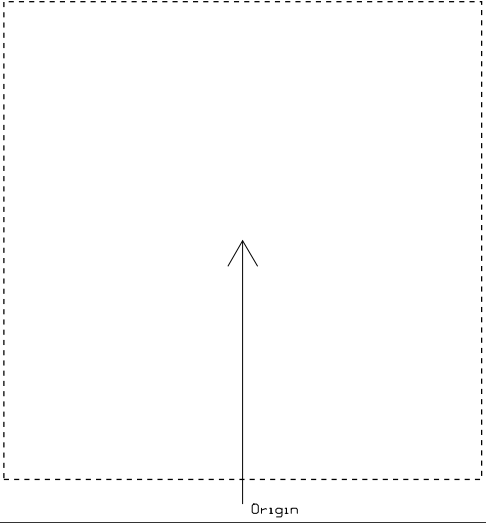
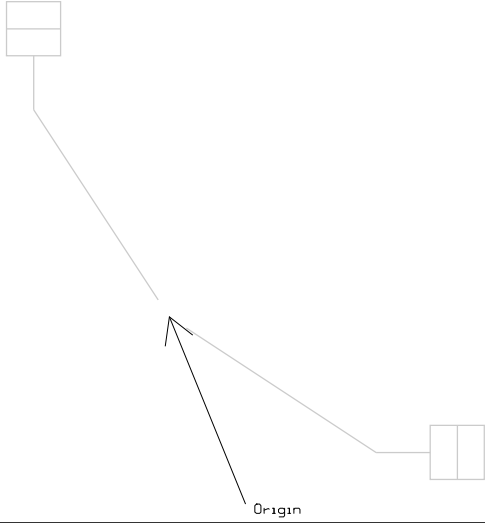
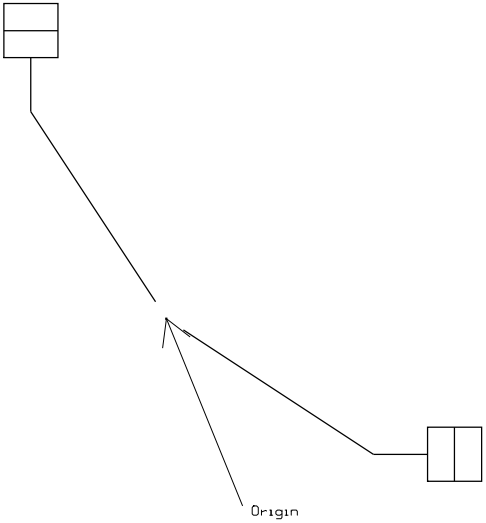
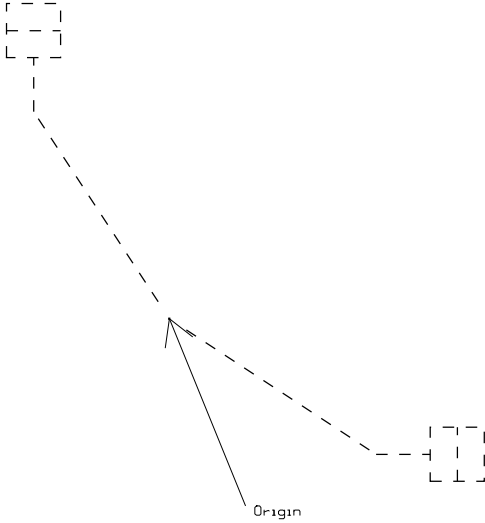
# V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: PB 5 EX</b></p> <p><b>DESCRIPTION: PULLBOX 5 EXIST</b></p>	<p><b>NAME: PB 5 PROP</b></p> <p><b>DESCRIPTION: PULLPOX 5 PROP</b></p>
	
<p><b>NAME: PB 5 SALV</b></p> <p><b>DESCRIPTION: PULLPOX 5 SALVAGE</b></p>	<p><b>NAME: PB 6 EX</b></p> <p><b>DESCRIPTION: PULLBOX 6 EX</b></p>


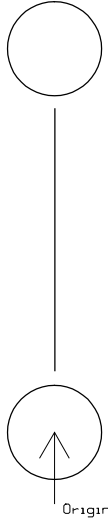

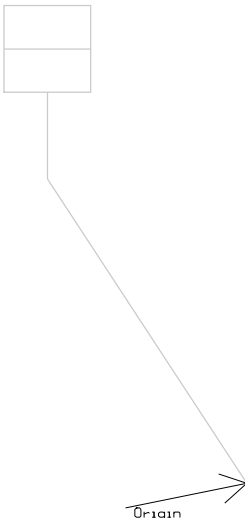
## V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: PB 6 PROP</b></p> <p><b>DESCRIPTION: PULLBOX 6 PROP</b></p>	<p><b>NAME: PB 6 SALV</b></p> <p><b>DESCRIPTION: PULLBOX 6 SALVAGE</b></p>
	
<p><b>NAME: PB UNK EX</b></p> <p><b>DESCRIPTION: PULLBOX UNK SIZE EX</b></p>	<p><b>NAME: PB UNK PROP</b></p> <p><b>DESCRIPTION: PULLBOX UNK SIZE PROP</b></p>

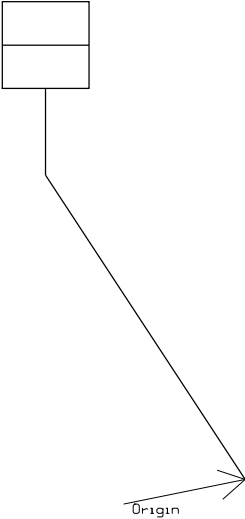
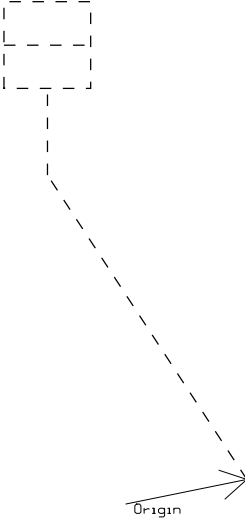
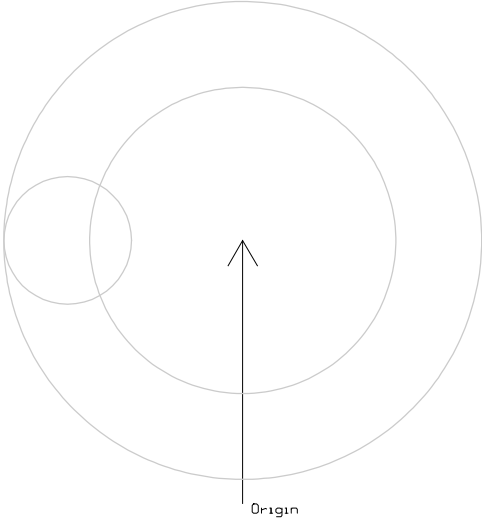
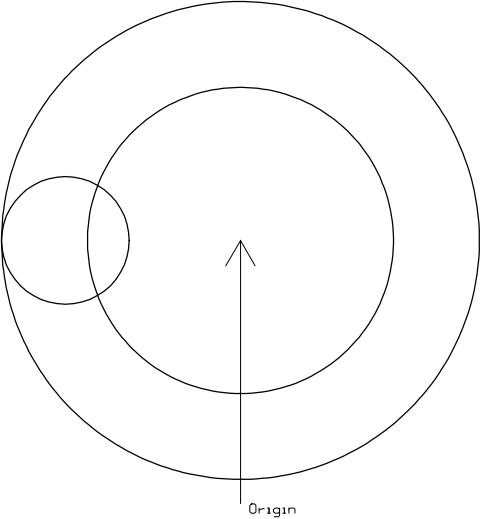
## V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: PB UNK SALV</b></p> <p><b>DESCRIPTION: PULLBOX UNK SIZE SALVAGE</b></p>	<p><b>NAME: PED 2 HEADS EX</b></p> <p><b>DESCRIPTION: PED 2 HEADS EX</b></p>
	
<p><b>NAME: PED 2 HEADS PROP</b></p> <p><b>DESCRIPTION: PED 2 HEADS PROP</b></p>	<p><b>NAME: PED 2 HEADS SALVAGE</b></p> <p><b>DESCRIPTION: PED 2 HEADS SALVAGE</b></p>

## V8 TRAFFIC EQUIPMENT.CEL

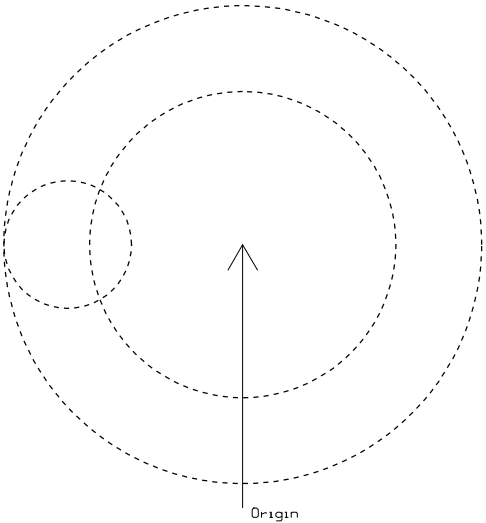
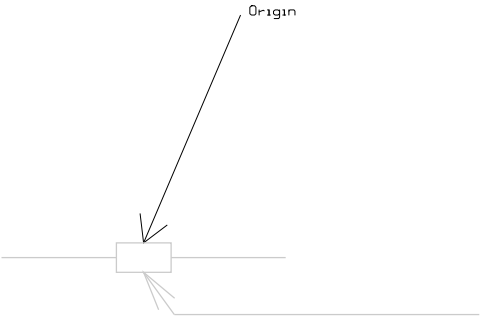
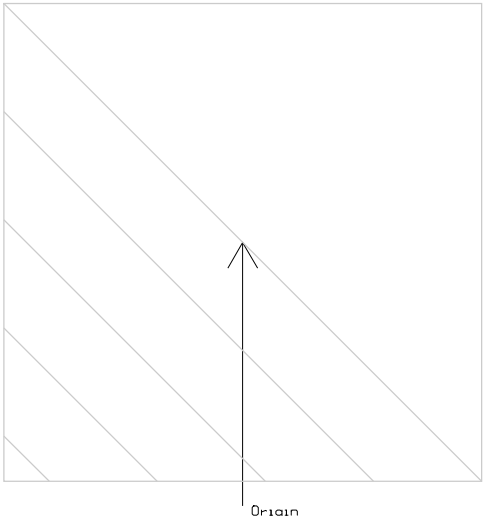
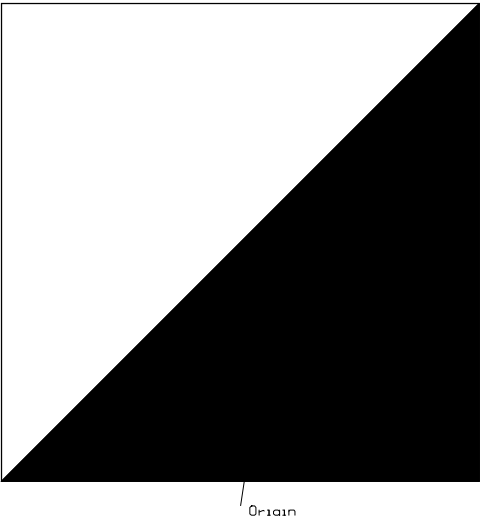
	
<p><b>NAME: PED BARRICADE EX</b></p> <p><b>DESCRIPTION: PED BARRICADE EX</b></p>	<p><b>NAME: PED BARRICADE PROP</b></p> <p><b>DESCRIPTION: PED BARRICADE PROP</b></p>
	
<p><b>NAME: PED BARRICADE SALV</b></p> <p><b>DESCRIPTION: PED BARRICADE SALVAGE</b></p>	<p><b>NAME: PED HEAD EX</b></p> <p><b>DESCRIPTION: PED HEAD EX</b></p>

## V8 TRAFFIC EQUIPMENT.CEL

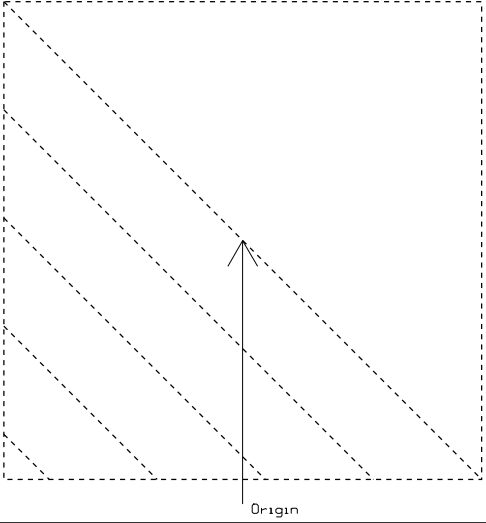
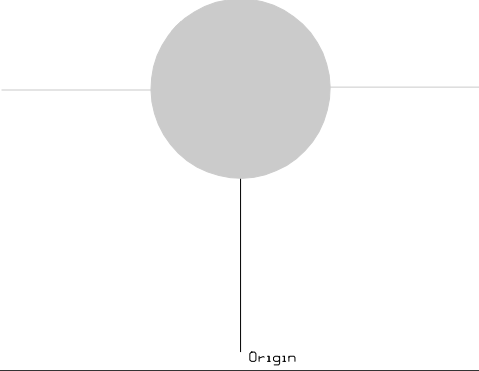
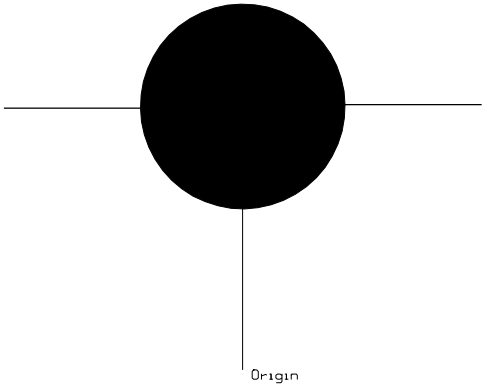
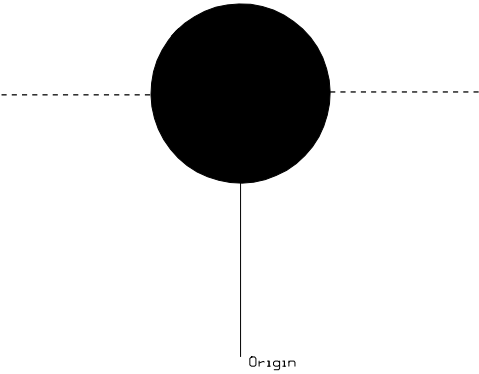
	
<p><b>NAME: PED HEAD PROP</b></p> <p><b>DESCRIPTION: PED HEAD PROP</b></p>	<p><b>NAME: PED HEAD SALV</b></p> <p><b>DESCRIPTION: PED HEAD SALVAGE</b></p>
	
<p><b>NAME: PED PHBUT POLE EX</b></p> <p><b>DESCRIPTION: PED PUSH BUTTON POLE EX</b></p>	<p><b>NAME: PED PHBUT POLE PROP</b></p> <p><b>DESCRIPTION: PED PUSH BUTTON POLE PROP</b></p>



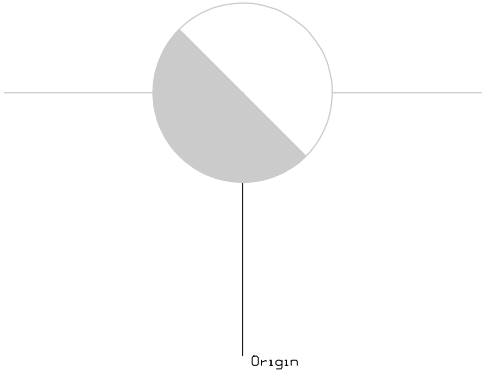
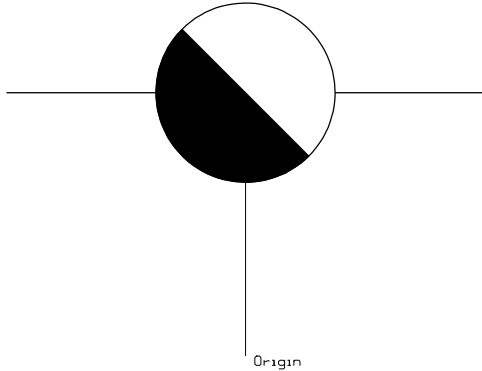
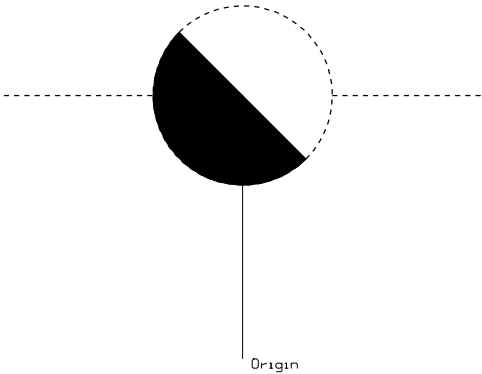
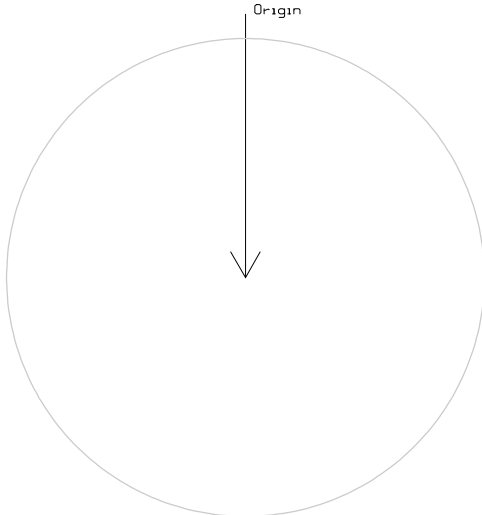
## V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: PED PHBUT POLE SALV</b></p> <p><b>DESCRIPTION: PED PUSH BUTTON POLE SALV</b></p>	<p><b>NAME: POLE SERV MOUNT EX</b></p> <p><b>DESCRIPTION: POLE SERVICE MOUNT EX</b></p>
	
<p><b>NAME: POLE SERV PED EX</b></p> <p><b>DESCRIPTION: POLE SERVICE PEDISTAL EX</b></p>	<p><b>NAME: POLE SERV PED PROP</b></p> <p><b>DESCRIPTION: POLE SERVICE PEDISTAL PROP</b></p>

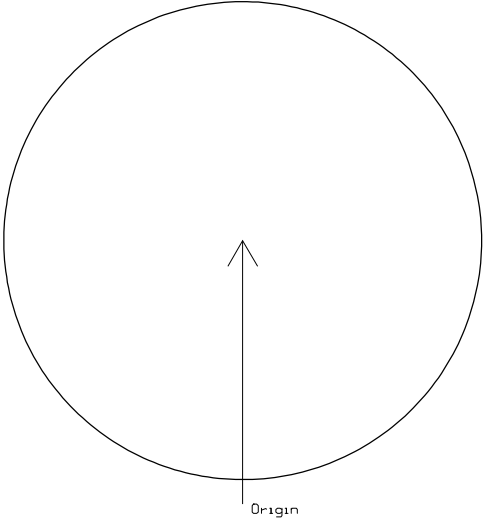
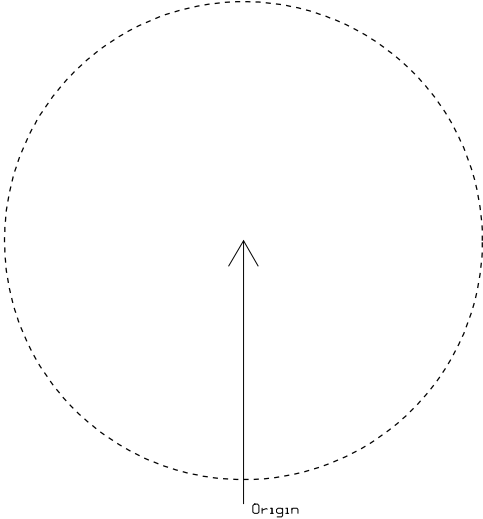
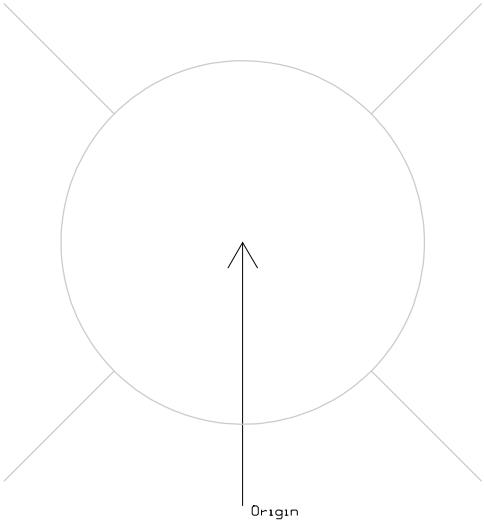
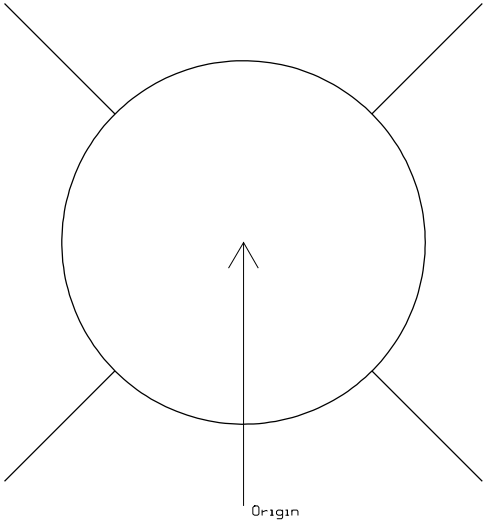
## V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: POLE SERV PED SALV</b></p> <p><b>DESCRIPTION: POLE SERVICE PEDISTAL SALVAGE</b></p>	<p><b>NAME: PP EX</b></p> <p><b>DESCRIPTION: POWER POLE EX</b></p>
	
<p><b>NAME: PP PROP</b></p> <p><b>DESCRIPTION: POWER POLE PROP</b></p>	<p><b>NAME: PP SALV</b></p> <p><b>DESCRIPTION: POWER POLE SALV</b></p>

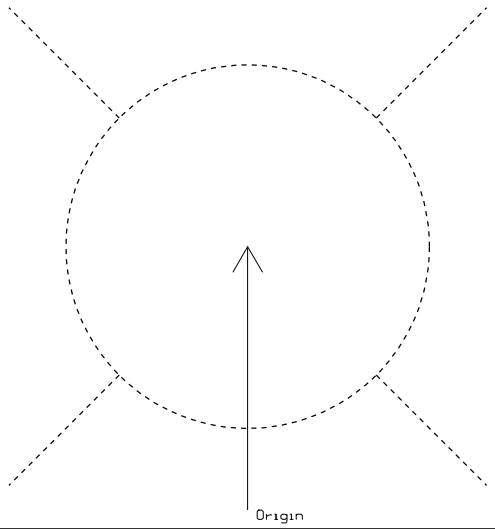
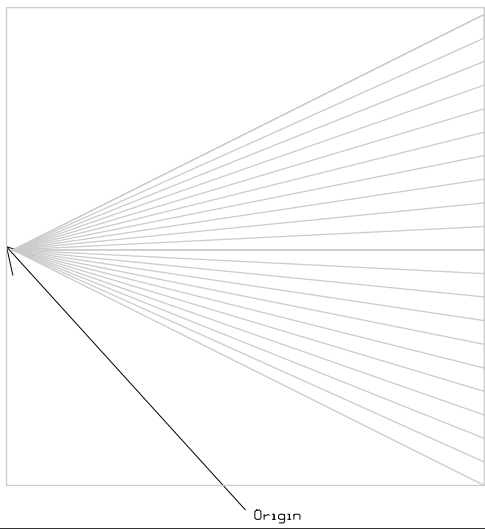
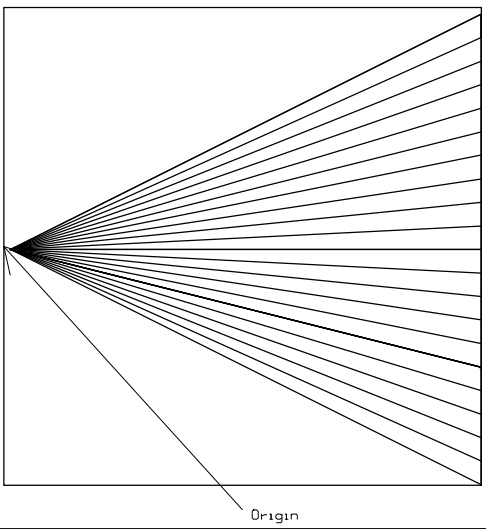
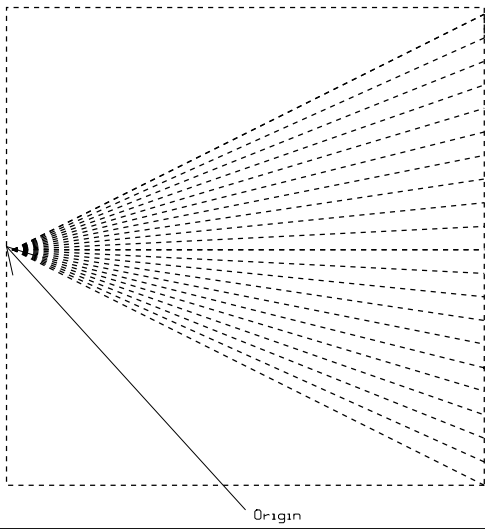
## V8 TRAFFIC EQUIPMENT.CEL

	
<p>NAME: PP SRV EX</p> <p>DESCRIPTION: POWER POLE W/SERV EX</p>	<p>NAME: PP SRV PROP</p> <p>DESCRIPTION: POWER POLE W/SERV PROP</p>
	
<p>NAME: PP SRV SALV</p> <p>DESCRIPTION: POWER POLE W/SERV SALV</p>	<p>NAME: SIGN POLE 1A EX</p> <p>DESCRIPTION: SIGN POLE 1A EX</p>

## V8 TRAFFIC EQUIPMENT.CEL

	
<b>NAME: SIGN POLE 1A PROP</b>	<b>NAME: SIGN POLE 1A SALV</b>
<b>DESCRIPTION: SIGN POLE 1A PROP</b>	<b>DESCRIPTION: SIGN POLE 1A SALVAGE</b>
	
<b>NAME: ST LT EX</b>	<b>NAME: ST LT PROP</b>
<b>DESCRIPTION: STREET LIGHT EXIST</b>	<b>DESCRIPTION: STREET LIGHT PROP</b>

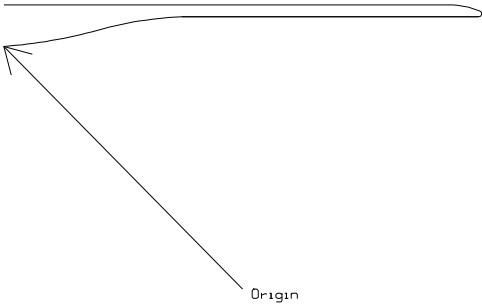
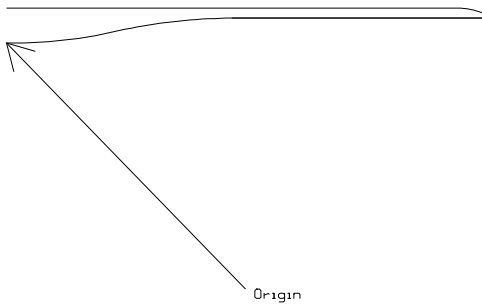
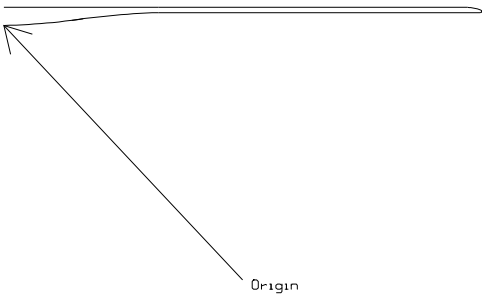
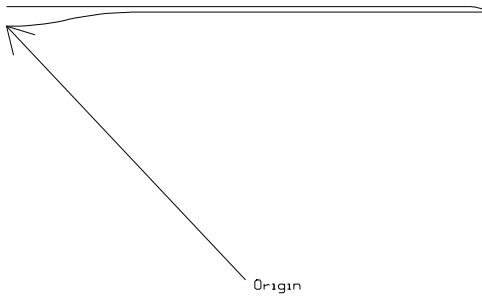
# V8 TRAFFIC EQUIPMENT.CEL

	
<p><b>NAME: ST LT SALV</b></p> <p><b>DESCRIPTION: STREET LIGHT SALV</b></p>	<p><b>NAME: TRANSFORMER EX</b></p> <p><b>DESCRIPTION: TRANSFORMER EX</b></p>
	
<p><b>NAME: TRANSFORMER PROP</b></p> <p><b>DESCRIPTION: TRANSFORMER PROP</b></p>	<p><b>NAME: TRANSFORMER SALV</b></p> <p><b>DESCRIPTION: TRANSFORMER SALVAGE</b></p>

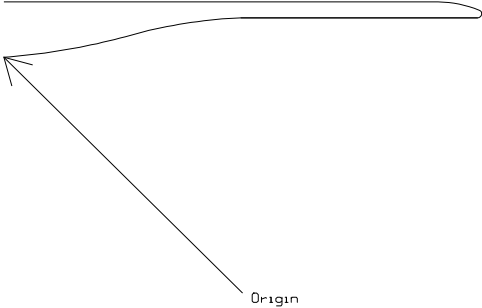
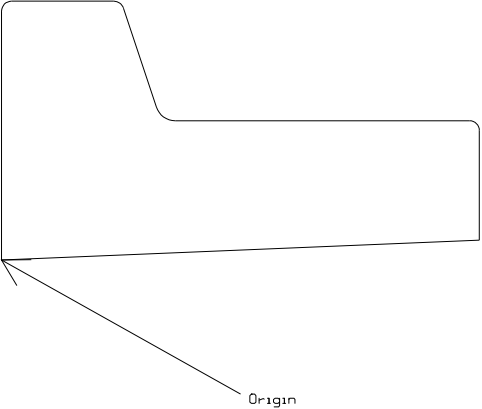
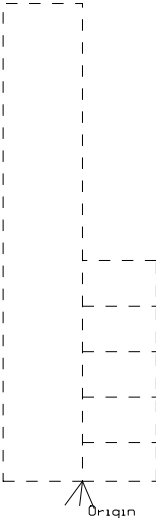
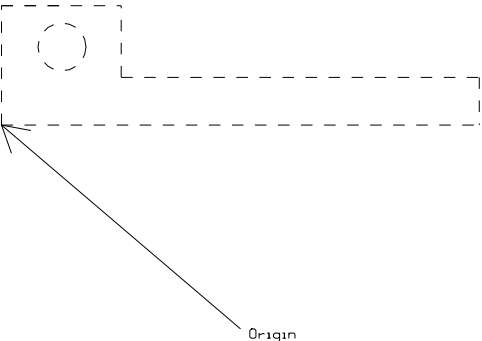
# Appendix I

## **V8 Traffic Features.cel**

## V8 TRAFFIC FEATURES.CEL

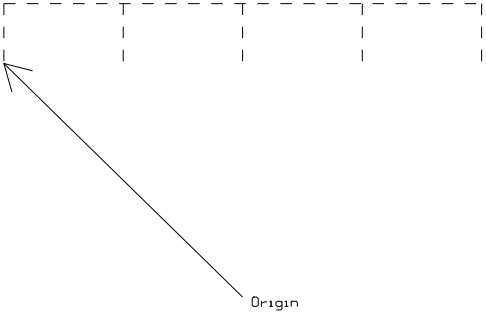
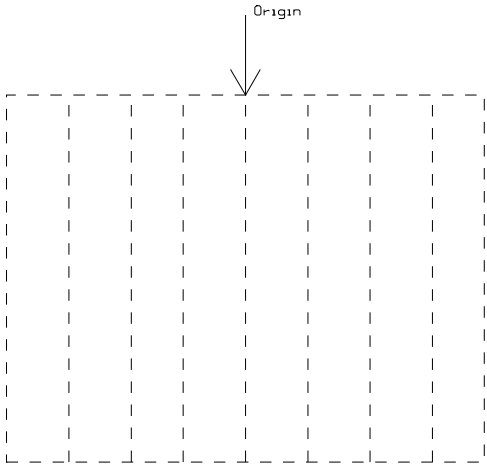
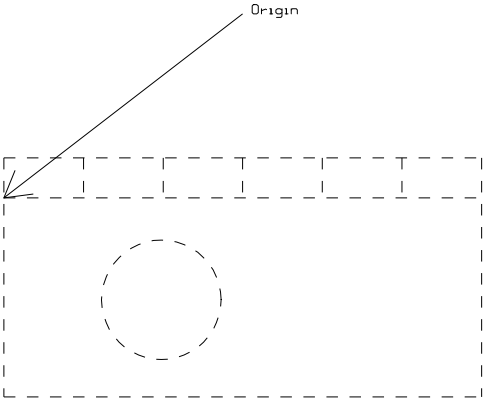
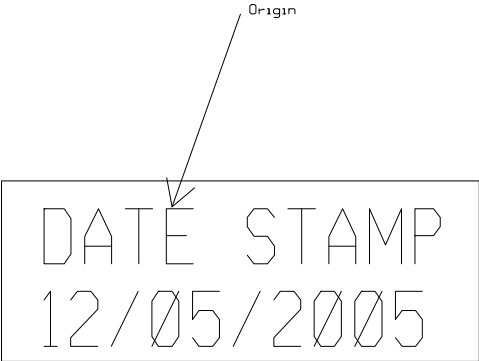
	
<b>NAME: 100 LT LANE 60 TRANS</b>	<b>NAME: 100 LT LANE 90 TRANS</b>
<b>DESCRIPTION: 100 FT LT LANE 60 TRANS</b>	<b>DESCRIPTION: 100 FT LT LANE 90 TRANS</b>
	
<b>NAME: 250 LT LANE 120 TRANS</b>	<b>NAME: 250 LT LANE 90 TRANS</b>
<b>DESCRIPTION: 250 FT LT LANE 120 TRANS</b>	<b>DESCRIPTION: 250 FT LT LANE 90 TRANS</b>

## V8 TRAFFIC FEATURES.CEL

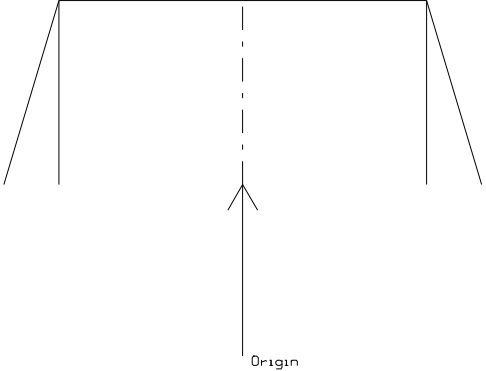
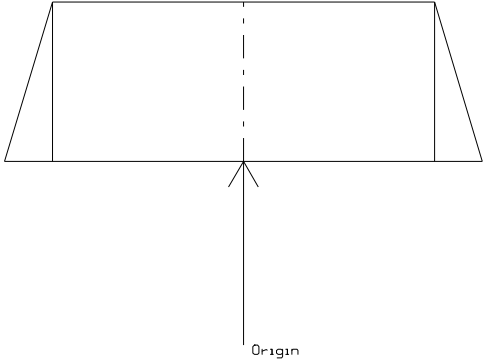
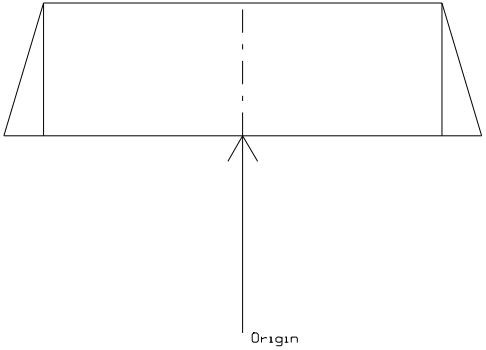
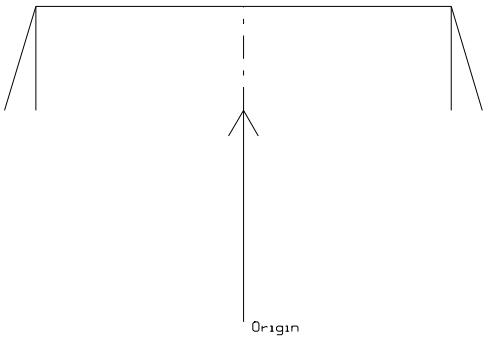
	
<p><b>NAME: 60 LT LANE 60 TRANS</b></p> <p><b>DESCRIPTION: 60 FT LT LANE 60 TRANS</b></p>	<p><b>NAME: B2 CURB GUTTER</b></p> <p><b>DESCRIPTION: B2 CURB GUTTER XSEC</b></p>
	
<p><b>NAME: CURB INLET 1</b></p> <p><b>DESCRIPTION: CURB INLET 1</b></p>	<p><b>NAME: CURB INLET 2</b></p> <p><b>DESCRIPTION: CURB INLET 2</b></p>



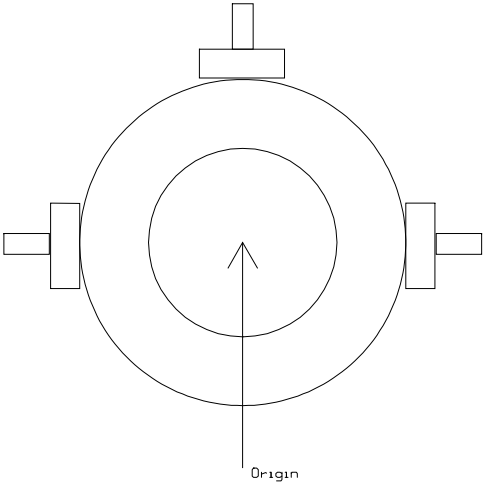
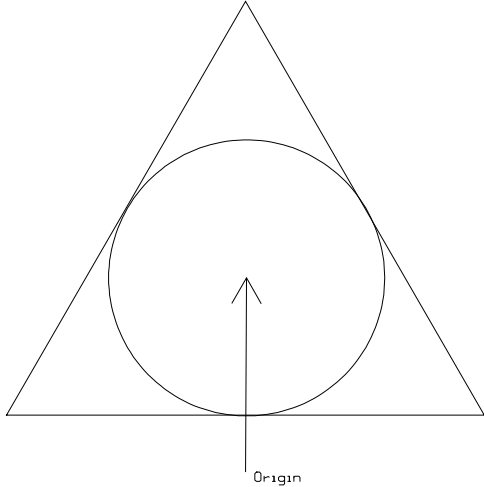
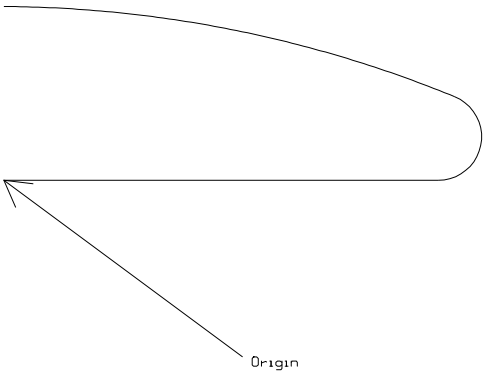
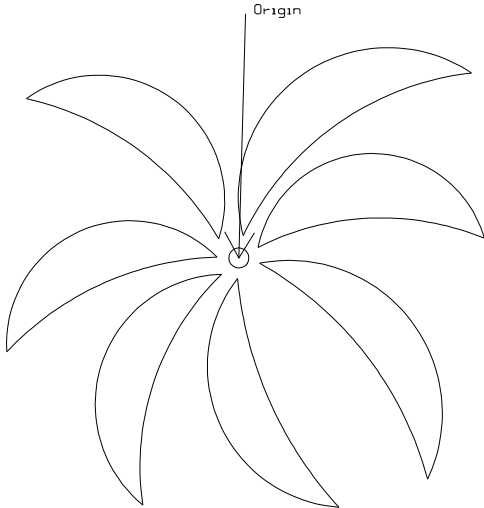
## V8 TRAFFIC FEATURES.CEL

	
<p><b>NAME: CURB INLET 3</b></p> <p><b>DESCRIPTION: CURB INLET 3</b></p>	<p><b>NAME: CURB INLET 4</b></p> <p><b>DESCRIPTION: CURB INLET 4</b></p>
	
<p><b>NAME: CURB INLET 5</b></p> <p><b>DESCRIPTION: CURB INLET 5</b></p>	<p><b>NAME: DATE STAMP</b></p> <p><b>DESCRIPTION: Last Edit Date</b></p>

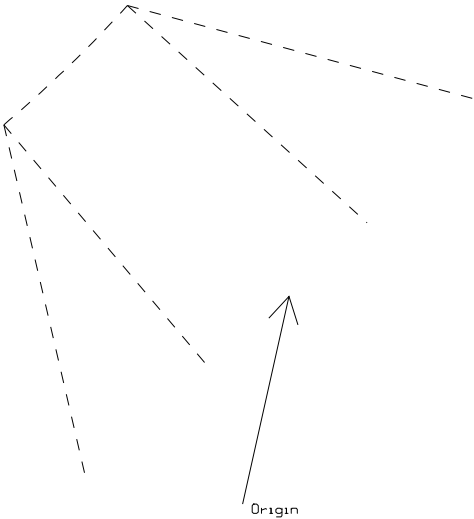
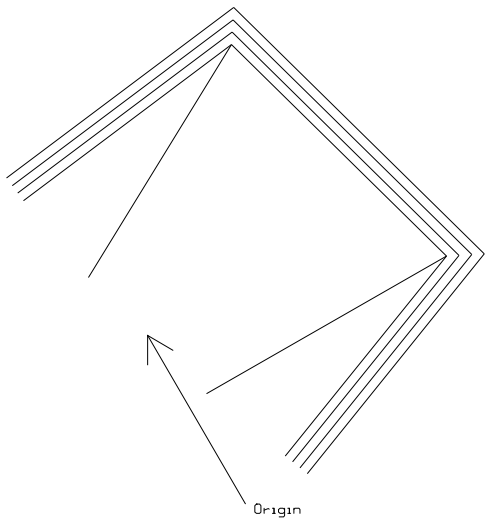
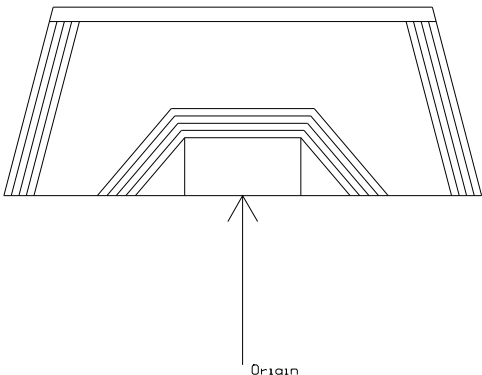
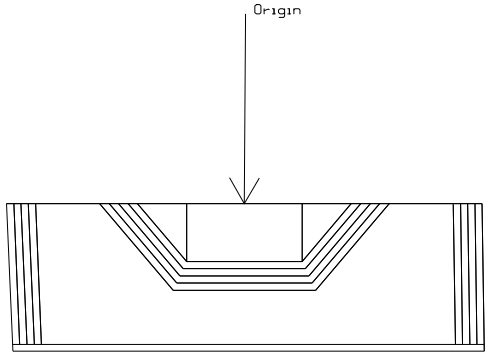
## V8 TRAFFIC FEATURES.CEL

	
<b>NAME: DRIVEWAY 10</b>	<b>NAME: DRIVEWAY 12</b>
<b>DESCRIPTION: DRIVEWAY 10</b>	<b>DESCRIPTION: DRIVEWAY 12</b>
	
<b>NAME: DRIVEWAY 15</b>	<b>NAME: DRIVEWAY 20</b>
<b>DESCRIPTION: DRIVEWAY 15</b>	<b>DESCRIPTION: DRIVEWAY 20</b>

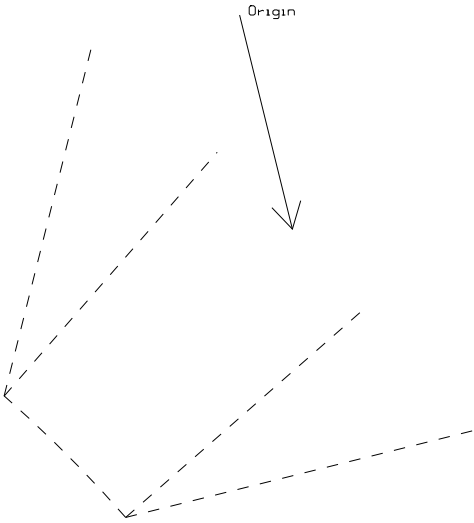
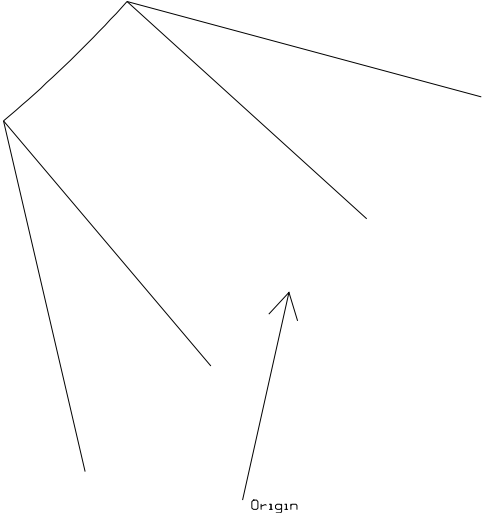
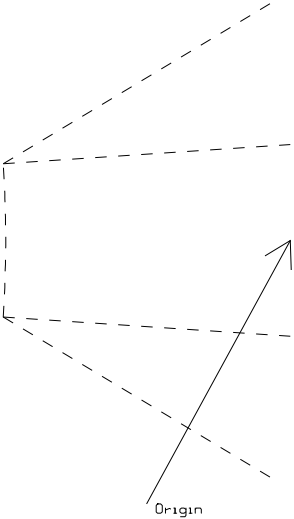
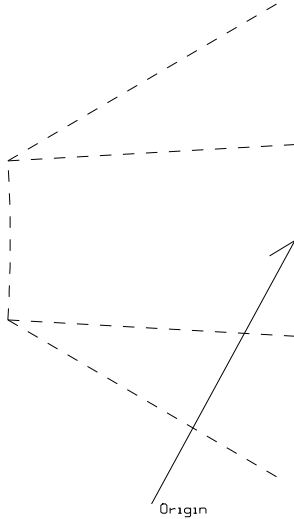
## V8 TRAFFIC FEATURES.CEL

	
<p><b>NAME: FIRE HYD EX</b></p> <p><b>DESCRIPTION: FIRE HYDRANT EX</b></p>	<p><b>NAME: MON</b></p> <p><b>DESCRIPTION: MONUMENT</b></p>
	
<p><b>NAME: NOSE</b></p> <p><b>DESCRIPTION: NOSE</b></p>	<p><b>NAME: PALM TREE</b></p> <p><b>DESCRIPTION: PALM TREE</b></p>

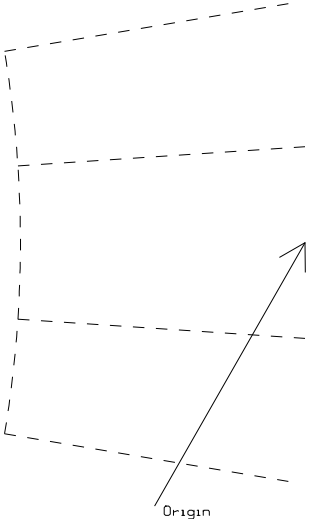
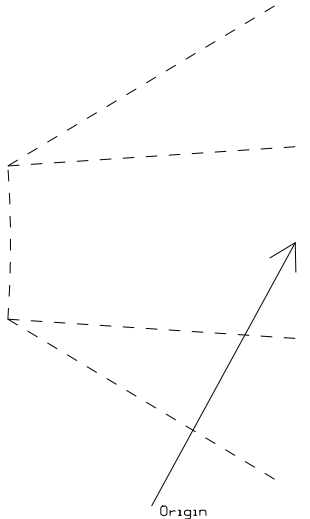
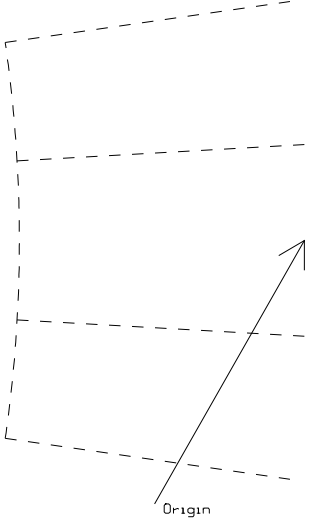
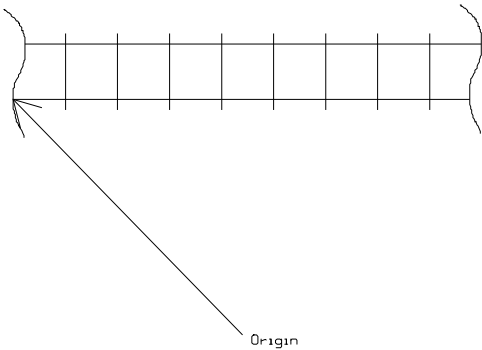
## V8 TRAFFIC FEATURES.CEL

	
<p><b>NAME: PED RAMP 2 EX</b></p> <p><b>DESCRIPTION: PED RAMP 2 EX</b></p>	<p><b>NAME: PED RAMP A PROP</b></p> <p><b>DESCRIPTION: PED RAMP A PROP</b></p>
	
<p><b>NAME: PED RAMP C MOD PROP</b></p> <p><b>DESCRIPTION: PED RAMP C MOD PROP</b></p>	<p><b>NAME: PED RAMP C PROP</b></p> <p><b>DESCRIPTION: PED RAMP C PROP</b></p>

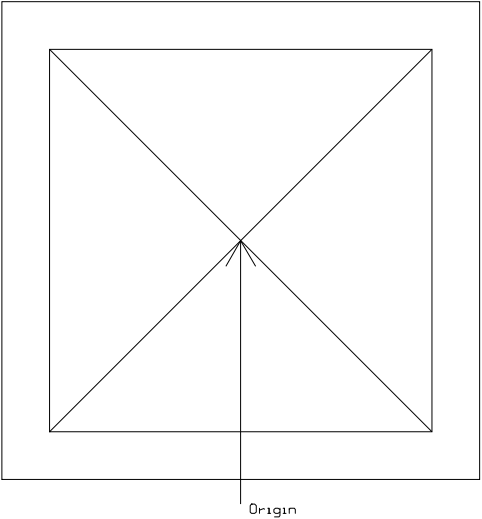
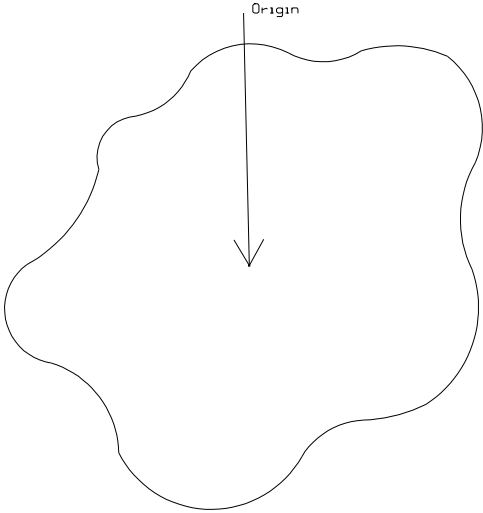
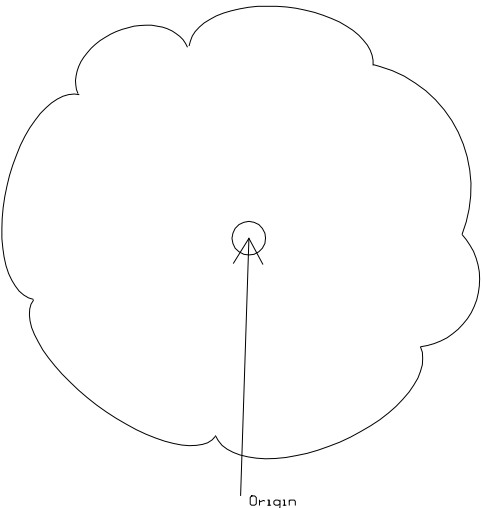
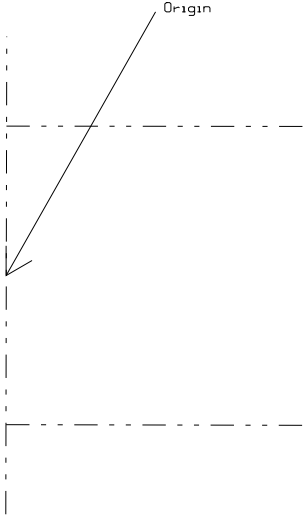
## V8 TRAFFIC FEATURES.CEL

	
<p><b>NAME: PED RAMP EX</b></p> <p><b>DESCRIPTION: PED RAMP EX</b></p>	<p><b>NAME: PED RAMP PROP</b></p> <p><b>DESCRIPTION: PED RAMP PROP</b></p>
	
<p><b>NAME: PED RAMP R1</b></p> <p><b>DESCRIPTION: PED RAMP R1</b></p>	<p><b>NAME: PED RAMP R2</b></p> <p><b>DESCRIPTION: PED RAMP R2</b></p>

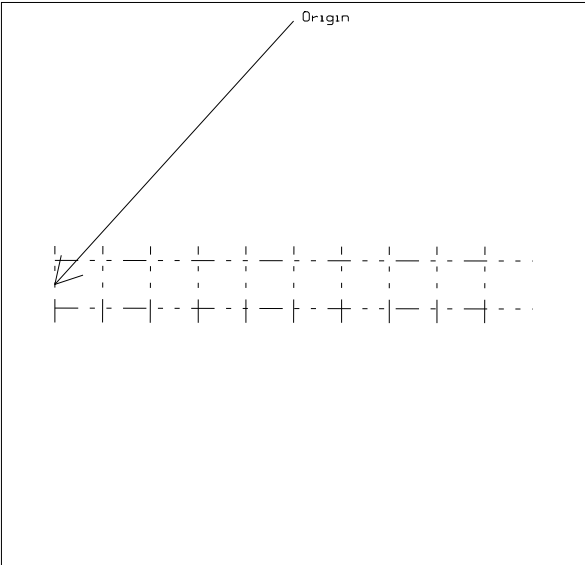
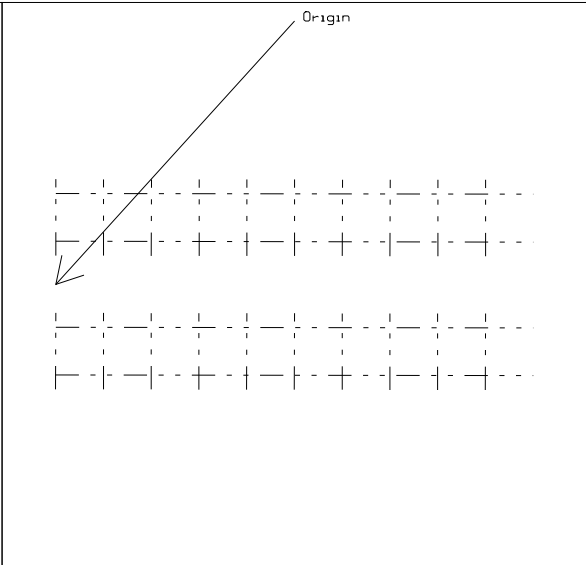
## V8 TRAFFIC FEATURES.CEL

 <p>Origin</p>	 <p>Origin</p>
<p><b>NAME: PED RAMP R3</b></p> <p><b>DESCRIPTION: PED RAMP R3</b></p>	<p><b>NAME: PED RAMP R4</b></p> <p><b>DESCRIPTION: PED RAMP R4</b></p>
 <p>Origin</p>	 <p>Origin</p>
<p><b>NAME: PED RAMP R5</b></p> <p><b>DESCRIPTION: PED RAMP R5</b></p>	<p><b>NAME: RAILROAD</b></p> <p><b>DESCRIPTION: RAILROAD</b></p>

## V8 TRAFFIC FEATURES.CEL

	
<p><b>NAME: TRASH</b></p> <p><b>DESCRIPTION: TRASH CAN</b></p>	<p><b>NAME: TREE LARGE</b></p> <p><b>DESCRIPTION: TREE GENERIC LARGE</b></p>
	
<p><b>NAME: TREE SMALL</b></p> <p><b>DESCRIPTION: TREE GENERIC SMALL</b></p>	<p><b>NAME: TROLLEY TRACK SINGLE</b></p> <p><b>DESCRIPTION: TROLLEY TRACK SINGLE</b></p>

V8 TRAFFIC FEATURES.CEL

	
NAME: TROLLEY TRACKS 1	NAME: TROLLEY TRACKS 2
DESCRIPTION: TROLLEY TRACKS SINGLE	DESCRIPTION: TROLLEY TRACKS DUAL



# Appendix J

## **Revision Log**

Revision Date	Revision Description
February 2006	Minor grammatical corrections made, PDF made for printing and approval process.