



**WATER MAIN FITTING SCHEDULE**

| NUMBER | DESCRIPTION               | NUMBER | DESCRIPTION         | NUMBER | DESCRIPTION          | NUMBER | DESCRIPTION               | NUMBER | DESCRIPTION |
|--------|---------------------------|--------|---------------------|--------|----------------------|--------|---------------------------|--------|-------------|
| 106    | 20" x 12" TEE             | 137    | 6" HYDRANT ASSEMBLY | 204    | 12" x 8" REDUCER     | 264    | 16" SOLID SLEEVE          |        |             |
| 107    | 20" TEE                   | 138    | 18" x 12" TEE       | 205    | 12" x 6" REDUCER     | 265    | 12" GATE VALVE            |        |             |
| 108    | 20" 180° REDUCER          | 139    | 18" x 10" TEE       | 206    | 12" x 4" REDUCER     | 266    | 12" x 6" TEE              |        |             |
| 109    | 16" GATE VALVE            | 140    | 18" x 8" TEE        | 207    | 12" x 2" REDUCER     | 267    | 6" HYDRANT ASSEMBLY       |        |             |
| 110    | 16" x 12" BEND            | 141    | 18" x 6" TEE        | 208    | 12" x 1 1/2" REDUCER | 268    | 6" HYDRANT ASSEMBLY       |        |             |
| 111    | 16" x 10" TEE             | 142    | 18" x 4" TEE        | 209    | 12" x 1" REDUCER     | 269    | 6" HYDRANT ASSEMBLY       |        |             |
| 112    | 6" HYDRANT ASSEMBLY       | 143    | 18" x 2" TEE        | 210    | 12" x 3/4" REDUCER   | 270    | 6" HYDRANT ASSEMBLY       |        |             |
| 113    | 6" x 4" BEND              | 144    | 18" x 1 1/2" TEE    | 211    | 12" x 3/8" REDUCER   | 271    | 6" HYDRANT ASSEMBLY       |        |             |
| 114    | 16" x 8" TEE              | 145    | 18" x 1" TEE        | 212    | 12" x 1/2" TEE       | 272    | 6" HYDRANT ASSEMBLY       |        |             |
| 115    | 6" GATE VALVE             | 146    | 18" x 3/4" TEE      | 213    | 12" x 1" TEE         | 273    | 6" HYDRANT ASSEMBLY       |        |             |
| 116    | 6" x 4" TEE               | 147    | 18" x 3/8" TEE      | 214    | 12" x 3/4" TEE       | 274    | 6" HYDRANT ASSEMBLY       |        |             |
| 117    | 2" WATER SERVICE COMPLETE | 148    | 18" x 1/2" TEE      | 215    | 12" x 3/8" TEE       | 275    | 6" HYDRANT ASSEMBLY       |        |             |
| 118    | 18" x 6" TEE              | 149    | 18" x 1/4" TEE      | 216    | 12" x 1/4" TEE       | 276    | 6" HYDRANT ASSEMBLY       |        |             |
| 119    | 6" HYDRANT ASSEMBLY       | 150    | 18" x 1/8" TEE      | 217    | 12" x 1/8" TEE       | 277    | 6" HYDRANT ASSEMBLY       |        |             |
| 120    | 16" x 12" BEND            | 151    | 18" x 1/4" TEE      | 218    | 12" x 1/4" TEE       | 278    | 6" HYDRANT ASSEMBLY       |        |             |
| 121    | 16" x 10" TEE             | 152    | 18" x 3/8" TEE      | 219    | 12" x 3/8" TEE       | 279    | 6" HYDRANT ASSEMBLY       |        |             |
| 122    | 12" GATE VALVE            | 153    | 18" x 1/2" TEE      | 220    | 12" x 1/2" TEE       | 280    | 2" WATER SERVICE COMPLETE |        |             |
| 123    | 12" x 8" TEE              | 154    | 18" x 3/4" TEE      | 221    | 12" x 3/4" TEE       | 281    | 18" x 6" TEE              |        |             |
| 124    | 6" x 24" BEND             | 155    | 18" x 1" TEE        | 222    | 12" x 1" TEE         | 282    | 18" x 4" TEE              |        |             |
| 125    | 6" GATE VALVE             | 156    | 18" x 3/4" TEE      | 223    | 12" x 3/4" TEE       | 283    | 18" x 2" TEE              |        |             |
| 126    | 6" PLUG                   | 157    | 18" x 1/2" TEE      | 224    | 12" x 1/2" TEE       | 284    | 18" x 1 1/2" TEE          |        |             |
| 127    | 2" WATER SERVICE COMPLETE | 158    | 18" x 1/4" TEE      | 225    | 12" x 1" TEE         | 285    | 18" x 3/4" TEE            |        |             |
| 128    | 12" x 8" REDUCER          | 159    | 18" x 3/8" TEE      | 226    | 12" x 3/4" TEE       | 286    | 18" x 1/2" TEE            |        |             |
| 129    | 8" GATE VALVE             | 160    | 18" x 1/2" TEE      | 227    | 12" x 1/2" TEE       | 287    | 18" x 3/8" TEE            |        |             |
| 130    | 6" x 4" BEND              | 161    | 18" x 3/4" TEE      | 228    | 12" x 1" TEE         | 288    | 18" x 1/4" TEE            |        |             |
| 131    | 6" PLUG                   | 162    | 18" x 1" TEE        | 229    | 12" x 3/4" TEE       | 289    | 18" x 3/8" TEE            |        |             |
| 132    | 4" WATER SERVICE COMPLETE | 163    | 18" x 3/4" TEE      | 230    | 12" x 1" TEE         | 290    | 18" x 1/2" TEE            |        |             |
| 133    | 16" x 12" BEND            | 164    | 18" x 1" TEE        | 231    | 12" x 3/4" TEE       | 291    | 18" x 3/8" TEE            |        |             |
| 134    | 6" HYDRANT ASSEMBLY       | 165    | 18" x 3/4" TEE      | 232    | 12" GATE VALVE       | 292    | 18" x 1/2" TEE            |        |             |
| 135    | 6" HYDRANT ASSEMBLY       | 166    | 18" x 1" TEE        | 233    | 12" x 3/4" TEE       | 293    | 18" x 3/8" TEE            |        |             |

**NOTES**

- ALL WATER MAIN SHALL BE CLASS 53 DUCTILE IRON PIPE.
- 1" CORPORATION STOPS ARE TO BE INSTALLED FOR AIR VENTS AT ALL HIGH POINTS IN THE SYSTEM UNLESS OTHERWISE NOTED.
- ALL CONSTRUCTION MATERIALS SHALL CONFORM TO THE CITY OF GRANDVILLE, 1997 STANDARD CONSTRUCTION SPECIFICATIONS AND DETAILS.
- EASEMENTS, 25 FT. WIDE, ARE PROVIDED FOR ALL WATER MAIN ON BUILDING SERVICES. EASEMENTS SHALL EXTEND TO A POINT 5 FT. FROM BUILDING.
- ALL ELEVATIONS SHALL BE BASED ON U.S.G.S. DATUM.

**LEGEND**

- PROPOSED WATER MAIN
- PROPOSED HYDRANT ASSEMBLY
- PROPOSED GATE VALVE
- STORM SEWER LINE
- SANITARY SEWER LINE
- MANHOLE
- CATCH BASIN



site water utility plan

SCALE: 1" = 100'