NOTES:

1. Wire to be continuous between valve boxes except as noted.

2. A 6" loop shall be located in all valve boxes and positioned so it will not be disturbed by normal valve operation.

3. Splice wire as per detail this sheet.

4. Wire to be taken to top center of pipe three places minimum for full section of pipe and on both sides of each fitting or valve.

5. Run locating wire to each service box and provide 6" bare wire loop up into box.

**VALVE DETAIL**

- 6" bare wire loop
- Water main
- #10 AWG single strand, soft drawn insulated copper wire approved for direct burial (TREW or equiv.)
- Tape wrap, typ.

**SPlice DETAIL**

- Replace insulation at splice with Scotch seal 2229 compound or equivalent.
- Wire connect nuts for wire sizes or crimping sleeve "Nicotap" sleeve TH-102-D or equivalent.
- Splice with overlap, wind as shown.

**TYPICAL LAYOUT**

- Non-metallic service
- Service boxes

**LOCATING WIRE FOR NON-METALLIC PIPE**

SAN JUAN WATER DISTRICT

APPROVED