

**GENERAL NOTES:**

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY A COARSE BROOMING PERPENDICULAR TO THE SLOPE OF THE RAMP.

DETECTABLE WARNING PANEL SHALL BE PER SPECIFICATIONS.

CARE SHALL BE TAKEN TO ASSURE A UNIFORM GRADE ON THE RAMP, FREE OF SAGS AND SHORT GRADE CHANGES.

THE NORMAL GUTTER LINE PROFILE SHALL BE MAINTAINED THROUGH THE AREA OF THE RAMP OPENING.

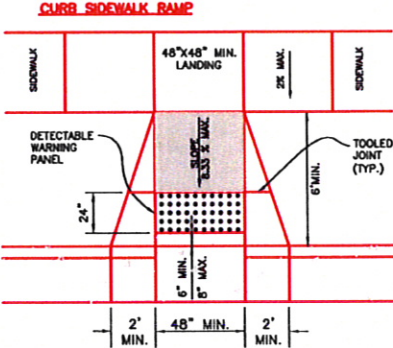
CROSS SLOPES SHALL NOT EXCEED 2%.

WHEN REMOVING EXISTING CURB AND GUTTER FOR NEW RAMP CONSTRUCTION AN EXPANSION JOINT SHALL BE CONSTRUCTED PER DETAIL 60-7.

ALL RAMP ARE REQUIRED TO HAVE A MAXIMUM 48 INCH BY 48 INCH LANDING AREA WITH NO MORE THAN A 2% SLOPE IN ANY DIRECTION.

ALL RAMP SHALL HAVE A MAXIMUM RUNNING SLOPE OF 8.33% (1 INCH PER FT.).

OBSTRUCTIONS SUCH AS SIGNAL POLES, LIGHT POLES, TRAFFIC CONTROLLER CABINETS, ETC. CAN NOT BE LOCATED IN THE LANDING AREA OR THE RAMP SLOPE.



**PROPERTY LINE SIDEWALK RAMP**

ENSURE THE SURFACE OF THE DETECTABLE WARNING PANEL IS CLEAN AND FREE OF RESIDUE.

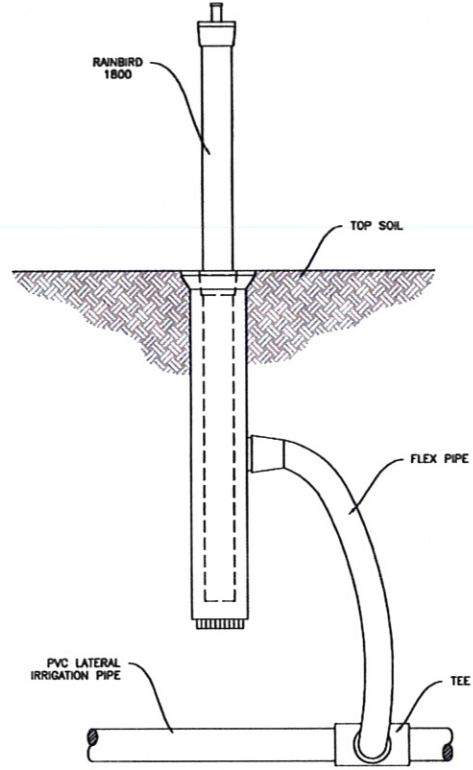
JOINTS SHALL BE TOOLED INTO THE CONCRETE ADJACENT TO THE DETECTABLE WARNING PANELS TO ALLEVIATE POSSIBLE CORNER CRACKING.

CITY OF RAPID CITY PUBLIC WORKS DEPARTMENT

DATE: 5-1-07

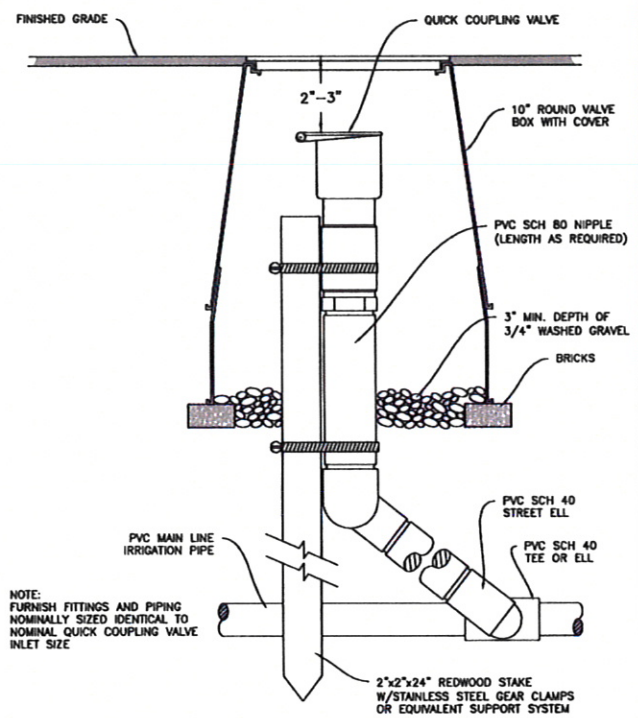
SEC. SHT. 61-5

HANDICAP ACCESS RAMPS



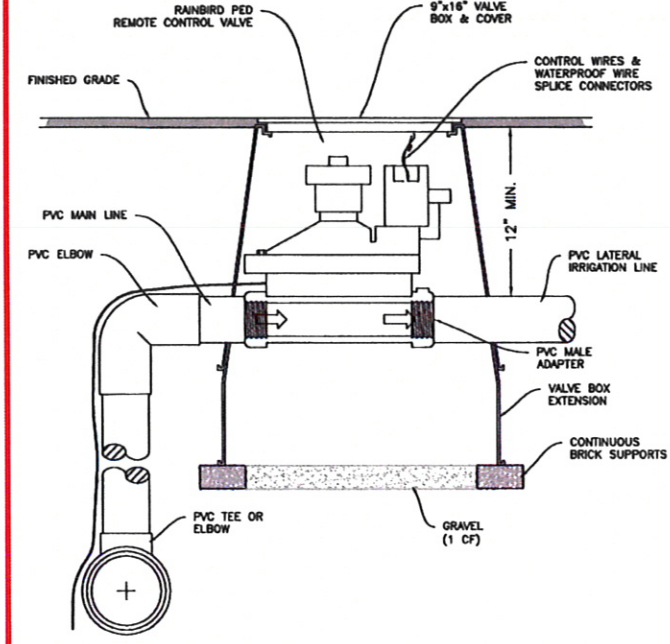
**RAINBIRD 1800**

NOT TO SCALE



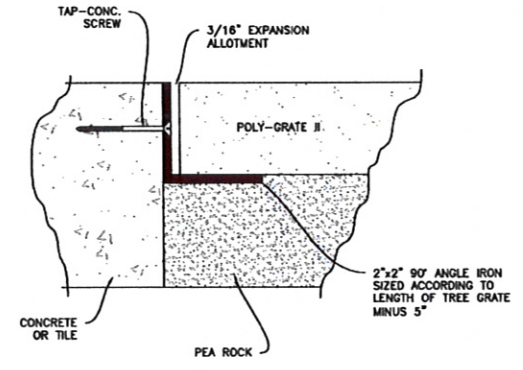
**QUICK COUPLING VALVE**

NOT TO SCALE



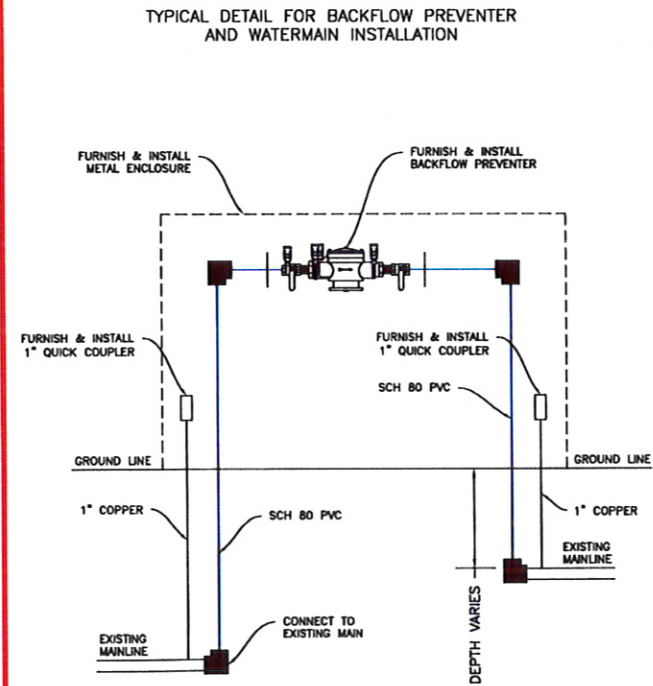
**RAINBIRD PLASTIC VALVE**

NOT TO SCALE



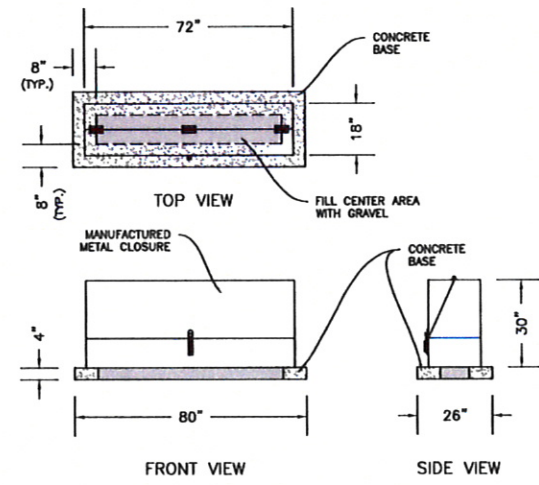
**INSTALLATION w/ANGLE IRON SUPPORTS**

NOT TO SCALE



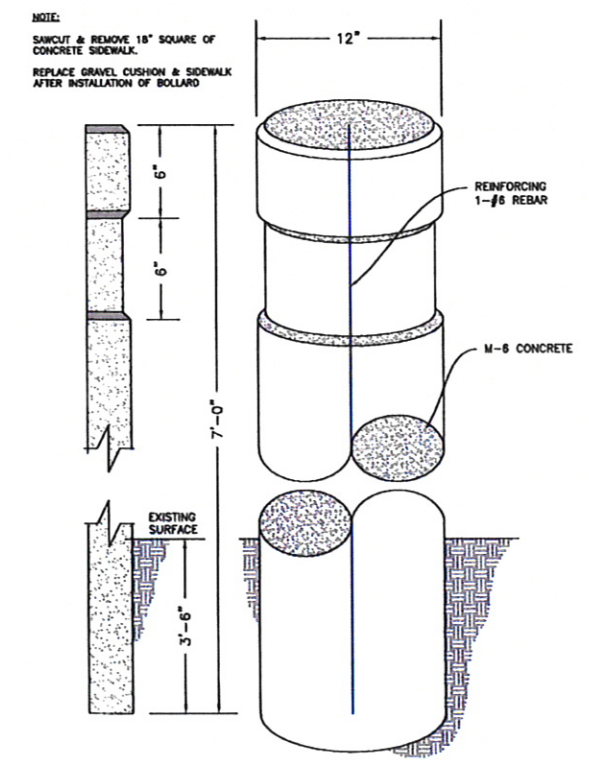
**BACKFLOW PREVENTER ASSEMBLY**

NOT TO SCALE



**METAL EQUIPMENT CLOSURE DETAIL**

NOT TO SCALE



**CONCRETE BOLLARD DETAIL**

NOT TO SCALE



**CITY OF RAPID CITY**

**PUBLIC WORKS DEPARTMENT**

**ENGINEERING SERVICES DIVISION**

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**SAINT JOSEPH STREET LANDSCAPING**

**ESOENH (192) PCN 02FU**

CITY OF RAPID CITY PROJECT NO. ST09-1818

Sheet Title:

**ST JOSEPH ST LANDSCAPING DETAILS**

Sheet:

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