

RESOLUTION NO. 2015-16

**A RESOLUTION OF THE CITY OF BENTON CITY,
WASHINGTON, AMENDING THE CITY OF BENTON CITY
STANDARD DRAWINGS AND SPECIFICATIONS FOR
PUBLIC WORKS CONSTRUCTION**

WHEREAS, the City of Benton City does hereby determine that the City has a need for established construction standards for construction of streets, sidewalks, water, sewer, drainage and appurtenant facilities to provide for uniform construction standards and quality; and

WHEREAS, the City adopted new construction standards April 15, 2014; and

WHEREAS, the City amended the standards August 19, 2014; and

WHEREAS, amending the standards in various areas was necessary to provide for the development of public infrastructure that will meet the health, safety, welfare and livability needs of city residents; NOW, THEREFORE,

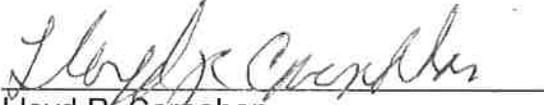
THE CITY COUNCIL OF THE CITY OF BENTON CITY, WASHINGTON, hereby resolves as follows:

Section 1. The City of Benton City hereby amends Sections 4, 8 and 10 of the Benton City Standard Drawings and Specifications, as attached hereto as Exhibit A.

Section 2. The City Clerk shall, pursuant to RCW 35.21.180, maintain no less than one (1) copy of the City of Benton City Standard Drawings and Specifications, and any amendments and additions thereto, for use and examination by the public.

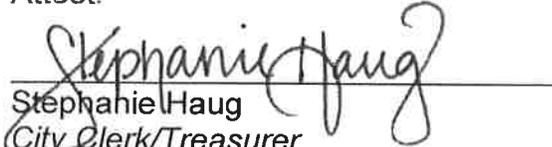
ADOPTED this 15th day September, 2015, by the City Council of the City of Benton City, Washington, and signed in authentication of its passage this 15th day September, 2015.

Resolution 2015-16 filed and recorded in the office of the City Clerk of the City of Benton City, Washington, this 15th day September, 2015.



Lloyd R. Carnahan
Mayor

Attest:

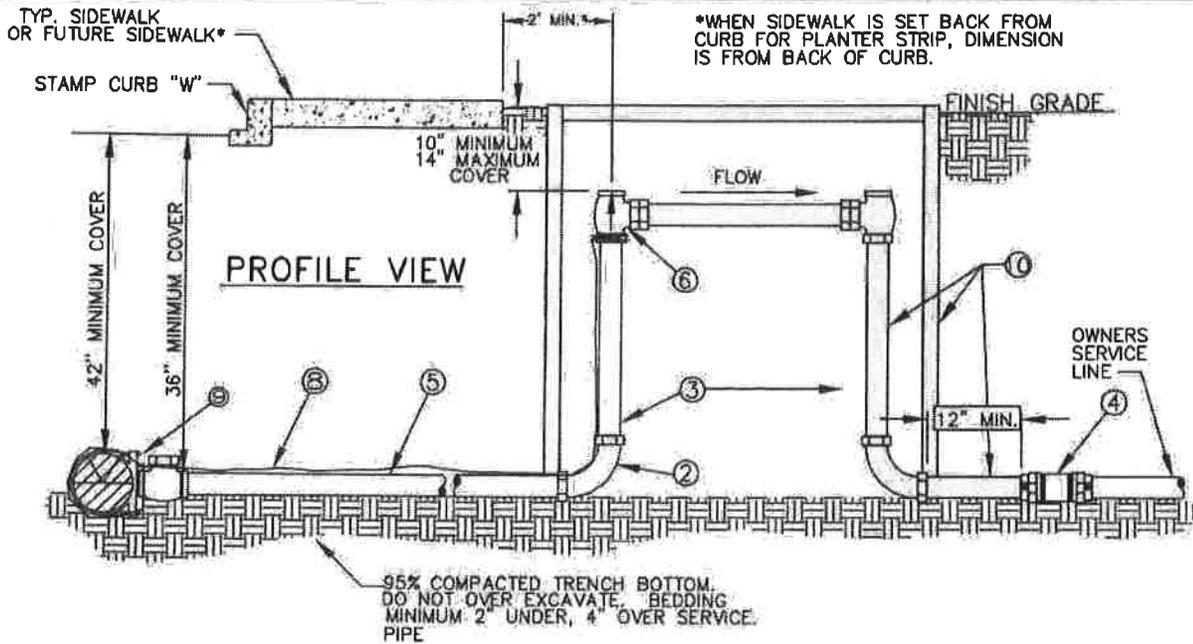
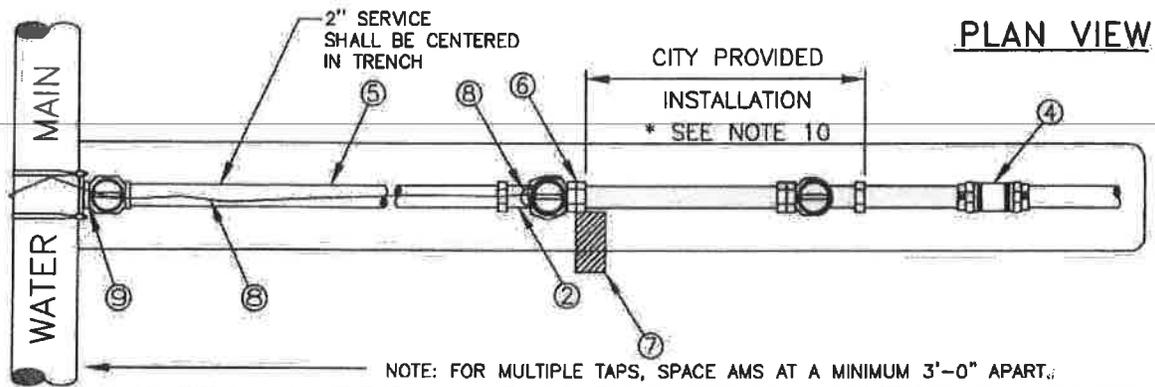


Stephanie Haug
City Clerk/Treasurer

Approved as to Form:



Leland B. Kerr
City Attorney



Ⓜ **METER ASSEMBLY MATERIALS**

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| <ol style="list-style-type: none"> 1. METER BOX- CITY SUPPLIED 2. 2" X 90° COMPRESSION ELL 3. 2" TYPE "K" COPPER TUBING 4. 2" COMPRESSION COUPLING, REDUCER AS REQUIRED, DIELECTRIC UNION IF SERVICE IS GALVANIZED. 5. 2" POLYETHYLENE PIPE 6. 2" ANGLE METER STOP, QUARTER TURN (FORD BFA43-777WQ-NL). IF IN PLANTER STRIP AT BACK OF CURB, INSTALL 17 1/4" SPACER (FLG TO FLG) FOR FUTURE METER BY CITY CREWS. | <ol style="list-style-type: none"> 7. CONTRACTOR TO INSTALL GROUND CONTACT PRESSURE TREATED 2"x4"x6' MARKER POST. SET TOP 3' ABOVE FINISH GRADE, PAINTED BLUE, USING EXTERIOR GRADE PAINT. 8. LOCATE WIRE- CONNECT TO METALLIC MAIN LINE OR MAIN LINE LOCATE WIRE AND TERMINATE BY WRAPPING AROUND AMS. 9. 2" DOUBLE STRAP, SADDLE & CORP. STOP, IRON PIPE THREAD X COMPRESSION TAP AT HORIZONTAL FOR ALL MAINLINE PIPE TYPES. 10. FOR COMMERCIAL PERMITS, THE CITY WATER DEPT. SUPPLIES AND INSTALLS THE METER BOXES & METERS AND TAIL PIECE AS PART OF THE PERMIT. |
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**REQUIRED FOR 1 1/2" & 2" METER INSTALLATIONS
SEE SECTION 4-3 FOR MATERIAL SPECIFICATIONS
AND INSTALLATION REQUIREMENTS**

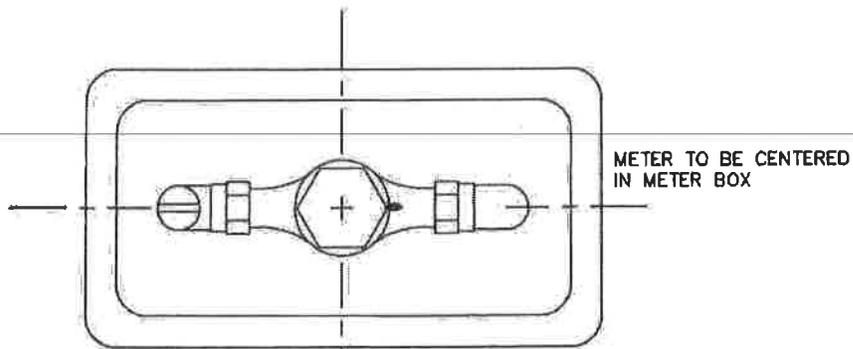
SEPTEMBER 2, 2015

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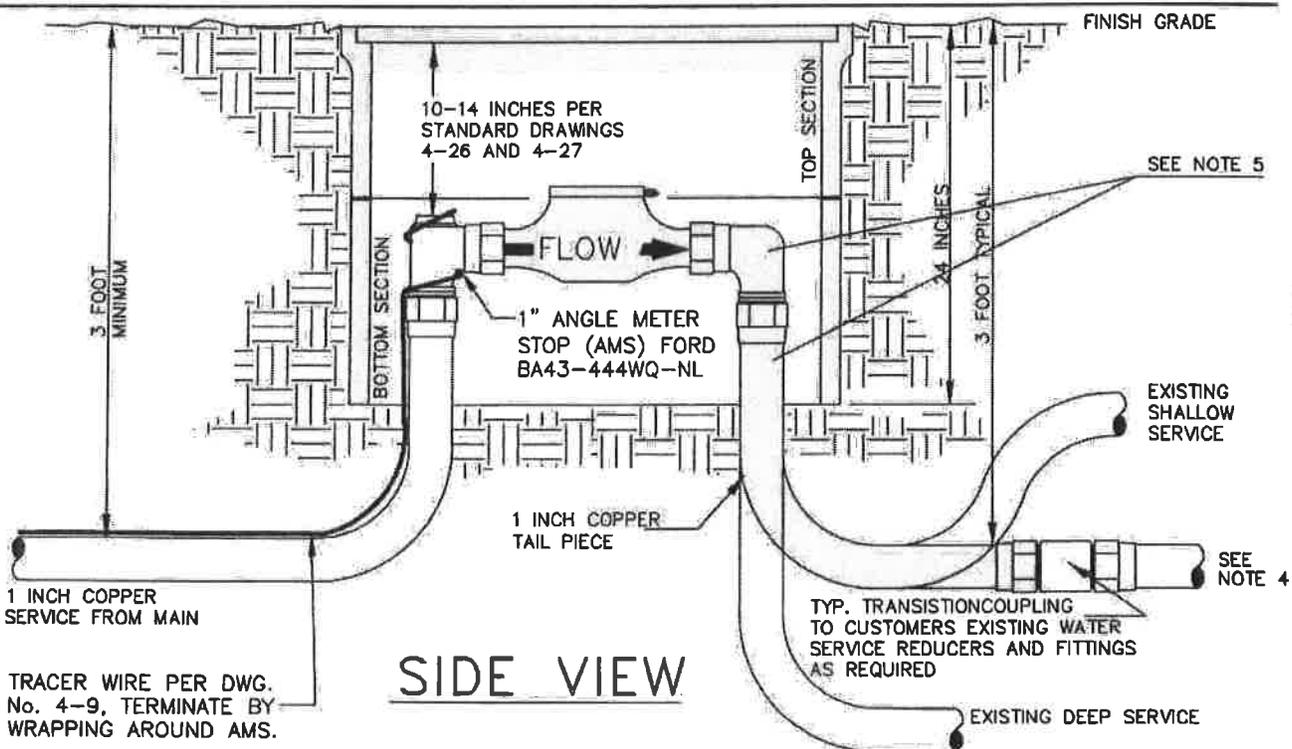


2" WATER SERVICE

4-30



TOP VIEW



SIDE VIEW

NOTE:

- 1) BOTTOM SECTION TO BE ADJUSTED BY COMPACTING MATERIAL 24 INCHES BELOW THE SURFACE TO ALLOW TOP SECTION TO SET LEVEL WITH SURFACE.
- 2) NO ADJUSTMENT MATERIALS OR GROUT ALLOWED BETWEEN METER BOX SECTIONS.
- 3) SEE CITY STD SECTION 4-3 FOR MATERIAL SPECIFICATIONS AND INSTALLATION REQUIREMENTS. SPACE AMS A MINIMUM 3' APART (COMMERCIAL) AND A MINIMUM 4' APART (RESIDENTIAL).
- 4) WHERE THE EXISTING SERVICE IS GALVANIZED INSTALL DIELECTRIC UNION BETWEEN THE NEW COPPER AND GALVANIZED PIPES.
- 5) FOR NEW HOME CONNECTIONS AND ALL COMMERCIAL PERMITS, THE CITY WATER DEPT. SUPPLIES AND INSTALLS THE METER AND PROVIDES THE METER BOX. WHEN THE SIDEWALK IS LOCATED AT THE CURB. THE CITY WILL ALSO SUPPLY AND INSTALL THE TAIL PIECE, AS PART OF THE PERMIT.

SEPTEMBER 2, 2015

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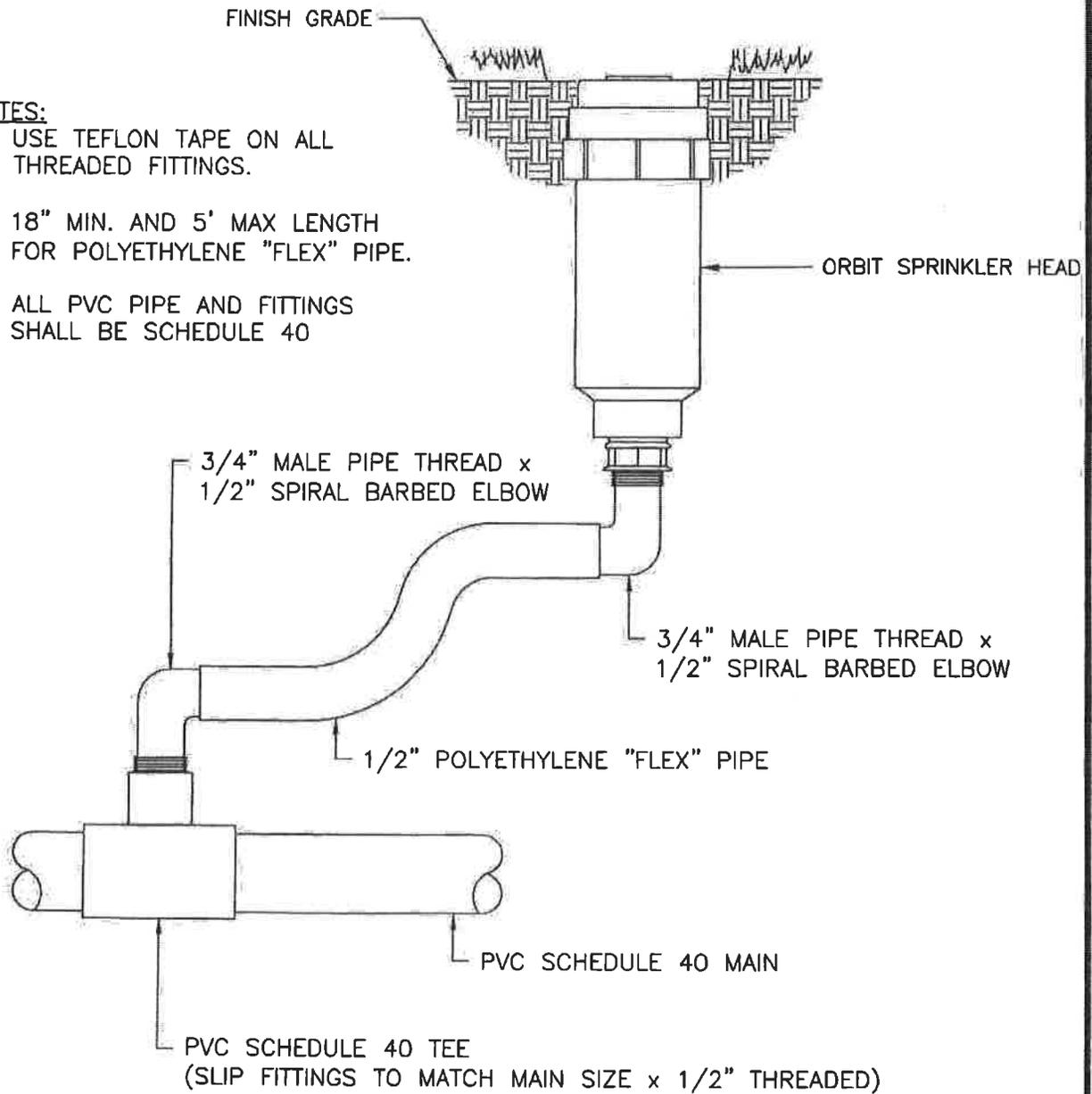


WATER METER INSTALLATION

4-31

NOTES:

1. USE TEFLON TAPE ON ALL THREADED FITTINGS.
2. 18" MIN. AND 5' MAX LENGTH FOR POLYETHYLENE "FLEX" PIPE.
3. ALL PVC PIPE AND FITTINGS SHALL BE SCHEDULE 40



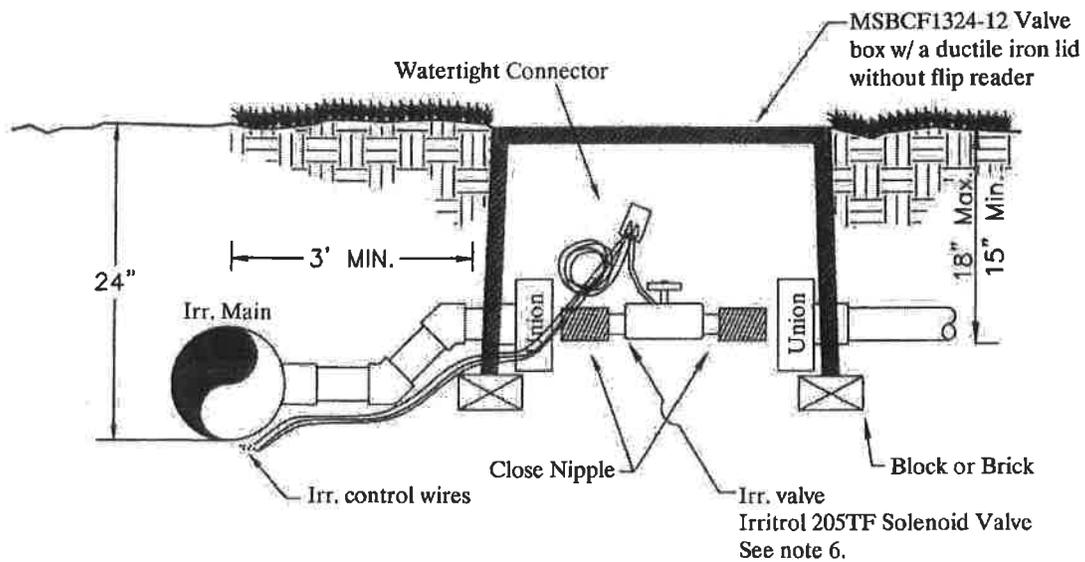
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SWING PIPE ASSEMBLY DETAIL

8-2



NOTES:

1. VALVE TO BE CENTERED IN VALVE BOX FOR EASY MAINTENANCE ACCESS.
2. UNIONS SHALL ALLOW REMOVAL OF THE VALVE WITHOUT REMOVAL OF THE VALVE BOX OR OTHER ASSEMBLIES.
3. USE TEFLON TAPE ON ALL THREADED FITTINGS.
4. ALL PVC PIPE AND FITTINGS SHALL BE SCHEDULE 40.
5. TIMERS: 110V = IRRITROL TIMER
12V = HUNTER TIMER
6. SOLENOID VALVES SHALL BE INSTALLED WITH THREADED UNIONS ON EITHER SIDE OF VALVE.

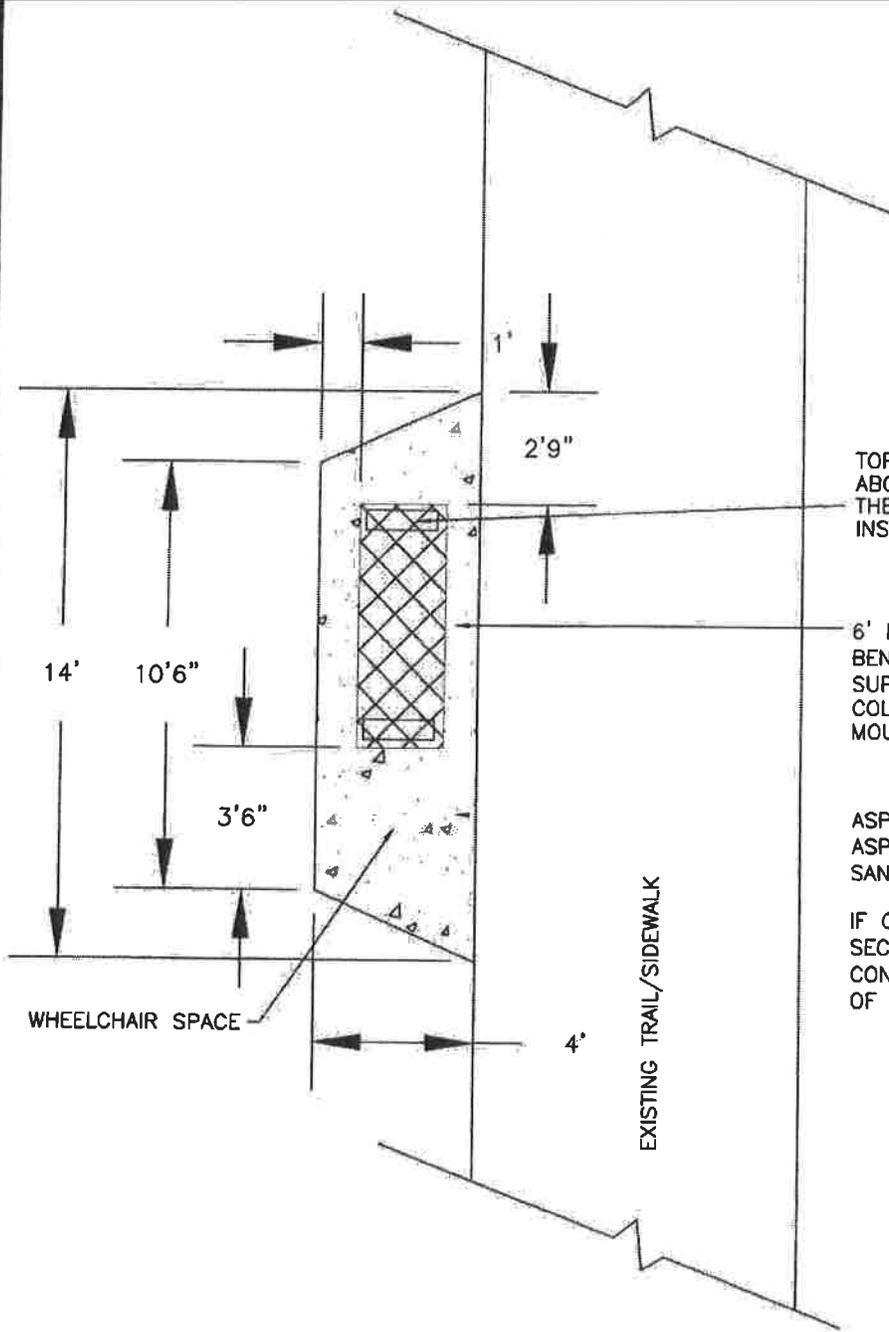
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**ELECTRIC IRRIGATION VALVE
INSTALLATION DETAIL**

8-1



TOP FRONT OF BENCH SHALL BE 17" ABOVE THE FINISHED ASPHALT PAD. THE IN GROUND MOUNT SHALL BE INSTALLED PRIOR TO PLACING ASPHALT.

6' PVC COATED STATIONARY BENCH W/ BACK BY SUMMIT SUPPLY CORP., MODEL #B6WBRCS, COLOR MYSTIC BLUE, IN GROUND MOUNT.

ASPHALT PAD SECTION SHALL BE 3" OF ASPHALT OVER 2" COMPACTED DEPTH OF SAND OR 5/8" CRUSHED SURFACING.

IF CEMENT CONCRETE IS USED, THE SECTION SHALL BE 4" OF CLASS 5 CONCRETE OVER 2" COMPACTED DEPTH OF SAND OR 5/8" CRUSHED SURFACING.

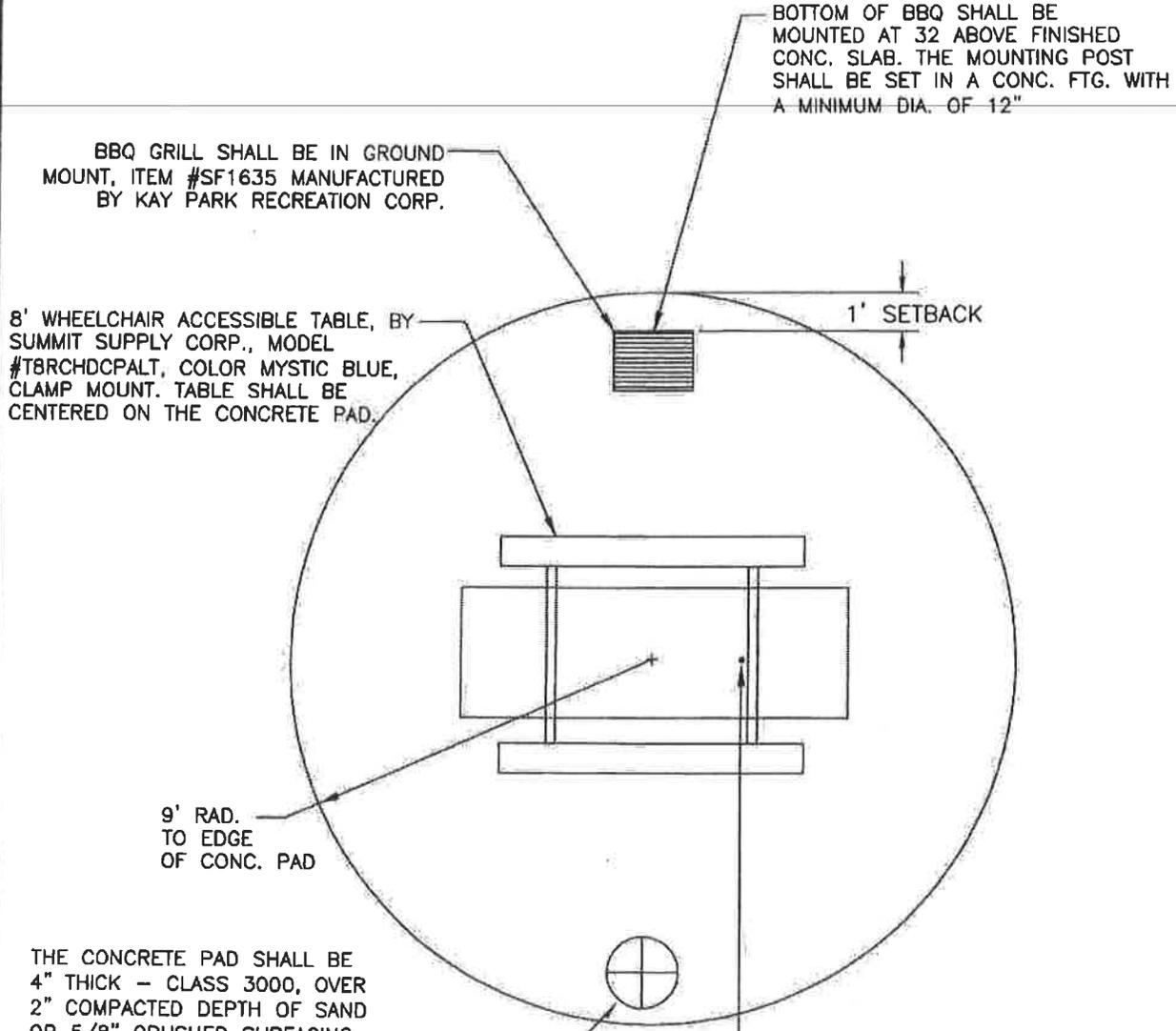
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**TRAIL / SIDEWALK WIDENING
FOR BENCH INSTALLATION**

10-5



BBQ GRILL SHALL BE IN GROUND MOUNT, ITEM #SF1635 MANUFACTURED BY KAY PARK RECREATION CORP.

BOTTOM OF BBQ SHALL BE MOUNTED AT 32 ABOVE FINISHED CONC. SLAB. THE MOUNTING POST SHALL BE SET IN A CONC. FTG. WITH A MINIMUM DIA. OF 12"

8' WHEELCHAIR ACCESSIBLE TABLE, BY SUMMIT SUPPLY CORP., MODEL #TBRCHDCPALT, COLOR MYSTIC BLUE, CLAMP MOUNT. TABLE SHALL BE CENTERED ON THE CONCRETE PAD.

1' SETBACK

9' RAD. TO EDGE OF CONC. PAD

THE CONCRETE PAD SHALL BE 4" THICK - CLASS 3000, OVER 2" COMPACTED DEPTH OF SAND OR 5/8" CRUSHED SURFACING. FINISHED CONC. SHALL BE 1" ABOVE BARE GROUND WHERE THERE IS SOD. OR 2" ABOVE BARE GROUND BEING SEEDED. THE PAD SHALL HAVE A CROSS SLOPE OF 1/8" PER FOOT TO PREVENT PONDING. WHEN THE PAD IS PLACED ON THE SLOPING GROUND THE CONTRACTOR SHALL FORM THE HIGH SIDE SUCH THAT IT IS 1" TO 2" ABOVE GRADE AS DESCRIBED ABOVE AND SHALL FILL THE LOW SIDE AT 4:1 OR FLATTER SLOPE TO CATCH POINT WITH AN APPROVED TOP SOIL. IF THE PAD IS BEING PLACED IN AN EXISTING SODDED AREA. THE CONTRACTOR SHALL RESTORE SOD BACK TO THE EDGE OF CONCRETE.

PROVIDE AND INSTALL A SUMMIT SUPPLY CORP. TRASH RECEPTACLE, MODEL #TR22, COLOR MYSTIC BLUE. INCLUDE "FLATTOP 32"-MYSTIC BLUE, "LINER 22"-GRAY, AND "TR SM" SURFACE MOUNT FOR TR.

THE CONTRACTOR SHALL SET AN EYE BOLT IN THE CONC. INSIDE EITHER OF THE SUPPORT LEGS FOR SECURING THE TABLE TO THE SLAB WITH A CHAIN. THE EYE BOLT SHALL BE CLOSED WITH A MIN. OPENING OF 1 1/2" AND A MIN. BOLT DIA. OF 1/2". THE CONTRACTOR SHALL PROVIDE A 5' LENGTH OF 5/16" GALVANIZED STEEL CHAIN TO THE CITY FOR EACH "PICNIC TABLE W/CONCRETE PAD".

SEPTEMBER 2, 2015

DWG #



PICNIC TABLE W/
CONCRETE PAD

10-3