APPENDIX B

STANDARD DETAILS

E-1 Conduit Trench
E-2 Junction Box
E-3 Commercial Street Light ** Residential Detail Needed**

SD-1 Catch Basin Type 1/1L
SD-2 Catch Basin Type 2

SS-1 Sewer Manhole Type 1
SS-2 Sewer Cleanout
SS-3 Sewer Drop Connection
SS-4 Sewer Manhole Adjustment
SS-5 Sewer/Storm Drain Pipe Trench Section
SS-6 Manhole Safety Step
SS-7 Side Sewer Connection

ST-1 Roadway Section – Major Collector
ST-2 Roadway Section – Minor Collector
ST-3 Roadway Section - Local Access- No Parking
ST-4 Roadway Section - Local Access-Parking
ST-5 Concrete Curb & Gutter
ST-6 Concrete Sidewalk Sections
ST-7 Sidewalk Ramp
ST-8 Sidewalk Jointing
ST-9 Residential Driveway Entrance
ST-10 Monument
ST-11 Asphalt Sidewalk Ramp
ST-12 Trench Surfacing Repair
ST-13 Cul-de-Sac Layout

W-1 Water Main Trench
W-2 Fire Hydrant Assembly
W-3 Water Service
W-4 Water Meter Box
W-5 Water Valve Box
W-6 Air Release Valve
W-7 Blow Off Assembly
W-8 Concrete Thrust Blocking
W-9 Hydrant Guard Posts
NOTE: GROUND ROD FOR PVC CONDUIT OR NO. 8 AWG BONDING JUMPER FOR METAL CONDUIT (RIGID) REQUIRED AT EACH PULLBOX SEE PLANS FOR CONDUIT TYPE.

SIGNAL POLE JUNCTION BOXES – TYPE 2, 33"x22"x12" O.D.
ALL OTHER JUNCTION BOXES – WSDOT STD. PLAN J-11a, TYPE 1, 17"x22"x12" O.D.

3/8" EXP. JOINT MATERIAL IN CONC. PINED AREAS

FINISH GRADE

2" OR 3" SCHEDULE 40 PVC CONDUIT

6" CRUSHED SURFACING TOP COURSE (5/8"-0) COMPACTED

RIGID STEEL ELBOWS AT ENTRANCES AND EXITS OF JUNCTION BOX

CONDUIT ENTRANCE AT JUNCTION BOX
NOT TO SCALE

NOTE: ONLY THE LATEST DETAIL, AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.
COMMERCIAL STREET LIGHT DETAIL

NOT TO SCALE

NOTES:
- ONLY THE LATEST DETAIL, AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.
**CATCH BASIN DETAIL**

**NOT TO SCALE**

**NOTES:**
- Use vaned grates when street grade exceeds 4%.
- Frames and grates shall be manufactured in the United States.
- Only the latest detail, as approved by the Director of Public Works, shall be used.

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**CITY OF ZILLAH—STANDARD DETAIL**

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**SD-1**
48" DIA. TYPE 2 CATCH BASIN (S.P. B-10.20)

NOT TO SCALE

NOTES:
- FRAMES AND GRATES SHALL BE MANUFACTURED IN THE UNITED STATES.
- ONLY THE LATEST DETAIL, AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.

CITY OF ZILLAH—STANDARD DETAIL | TYPE 2 CATCH BASIN | SD-2
FOR MANHOLES LESS THAN 8' HIGH, USE SHALLOW MANHOLE WITH THE MANUFACTURER'S STANDARD REINFORCED SLAB LID.

PLAN VIEW

CAST IRON FRAME & COVER
OLYMPIC FOUNDRY COMPANY, INC.,
UNIT 822, OR APPROVED EQUAL.
CAST WORD "SEWER" OR "STORM"
IN COVER AS APPROPRIATE.

PRE-CAST ECCENTRIC CONE SECTION

STEPS, SEE DETAIL

PRE-CAST SECTION

PRE-CAST BASE SECTION

0.10' MIN. DROP IN ALL CHANNELS ACROSS ALL MANHOLDS

CAST IN PLACE BASE

PRECAST BASE W/ INTEGRAL RISER

SECTION B-B

SECTION A-A

NOTE:
ONLY THE LATEST DETAIL, AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.

CITY OF ZILLAH—STANDARD DETAIL

MANHOLE (TYPE 1)

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</table>
NOTES:
1. CAST IRON FRAME & COVER SHALL BE OLYMPIA FOUNDRY COMPANY INC., UNIT 247 OR APPROVED EQUAL.

2. IN UNPAVED AREAS, SET FRAME & COVER FLUSH WITH FINISHED GRADE. EXTEND 12" THICK, 2' DIAMETER, CEMENT CONCRETE RING FLUSH WITH FRAME AND SLOPE OUTWARD AT 1/4"/FT.

3. CLEANOUT PIPE SHALL BE 8" DIAM. PVC SEWER PIPE IN ACCORDANCE W/ THE STANDARD SPECS.

SANITARY SEWER CLEANOUT
NOT TO SCALE

NOTES:
- ONLY THE LATEST DETAIL, AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.
SECTION A–A

PROFILE VIEW

DROP CONNECTION

NOT TO SCALE

NOTE:
ONLY THE LATEST DETAIL, AS APPROVED BY
THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.
NOTES:
1. MANHOLES SHALL BE ADJUSTED TO FINISHED GRADE AFTER PLACEMENT OF THE FINAL LIFT OF ASPHALT PAVEMENT.

2. GRADE RINGS AND/OR LEVELING BRICKS SHALL BE GROUTED IN PLACE AND BE WATER TIGHT.

3. IN UNPAVED AREAS, PROVIDE 12" THICK, 5' DIA. CEMENT CONCRETE RING AROUND TOP OF MANHOLE. SET MANHOLE FRAME FLUSH W/ FINISHED GRADE AND SLOPE CONCRETE OUTWARD AT 1/4"/FT.

MANHOLE ADJUSTMENT DETAIL
NOT TO SCALE

NOTE:
ONLY THE LATEST DETAIL, AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.
SANITARY/STORM SEWER TRENCH

NOT TO SCALE

NOTES:
- FOR 4" AND 6" SIDE SEWERS, INSTALL IMPORTED PIPE BEDDING A MINIMUM OF 3" THICK ON ALL SIDES OF PIPE.
- MECHANICAL TAMPLING AND COMPACTION REQUIRED AS DIRECTED BY THE CITY. WATER SETTLING MAY ONLY BE USED OUTSIDE THE ROADWAY PRISM WHEN APPROVED BY THE CITY.
- ONLY THE LATEST DETAIL, AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.

CITY OF ZILLAH—STANDARD DETAIL
SEWER PIPE TRENCH
SS-5

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COPOLYMER POLYPROPYLENE PLASTIC 1/2" GRADE 60 STEEL REINFORCEMENT

NOTE: MANHOLE STEPS SHALL BE COPOLYMER POLYPROPYLENE PLASTIC COATED 1/2" GRADE 60 STEEL REINFORCEMENT, MODEL PS2-PF, AS MANUFACTURED BY M.A. INDUSTRIES INC., OR APPROVED EQUAL

MANHOLE SAFETY STEP

NOT TO SCALE

NOTE: ONLY THE LATEST DETAIL, AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.

CITY OF ZILLAH—STANDARD DETAIL MANHOLE SAFETY STEP SS-6
NOTES:
1. SIDE SEWERS SHALL BE INSTALLED PER SEC. 7-18 OF THE STANDARD SPECIFICATION.
2. SERVICE CONNECTIONS 8" OR LARGER MUST BE MADE AT MANHOLE.
3. IF 5' MAXIMUM SLOPED DISTANCE IS INSUFFICIENT FOR SIDE SEWER CONNECTION, INSTALL SIDE SEWER RISER PER DETAIL.
4. ROTATE SANITARY SEWER MAIN TEE OR WYE 45° UPWARD.
5. TEES OR WYES SHALL BE INSTALLED IN NEW SANITARY SEWER MAINS. WHEN INSTALLING SIDE SEWERS IN EXISTING MAINS, CONNECTION SHALL BE MADE BY MACHINE MADE TAP AND APPROVED SADDLE.
6. WHERE DEPTH IS INSUFFICIENT TO ALLOW CONNECTION AS SHOWN, CONNECT SERVICE AS DIRECTED BY THE PUBLIC WORKS DIRECTOR.
7. TERMINATE SIDE SEWER AT R/W LINE UNLESS OTHERWISE DIRECTED BY THE PUBLIC WORKS DIRECTOR OR SHOWN OTHERWISE ON PLANS.
8. ALL SIDE SEWER MATERIALS SHALL BE PVC SEWER PIPE CONFORMING TO THE REQUIREMENTS OF SECTION 9-55.12 OF THE STD. SPECS.

SECTION A-A

SIDE SEWER CONNECTIONS
NOT TO SCALE

PLAN

PVC SANITARY SEWER MAIN

4" OR 6" PVC SIDE SEWER

TEE (STANDARD)

A

4" OR 6" SIDE SEWER

WYE

(AST Required)

FLOW

MIN. SLOPE

22 1/2° OR 45° BENDS AS NEEDED

MIN. SLOPE

OBSTRUCTION IN THIS AREA

MIN. SLOPE

45°

CONNECTION AT OBSTRUCTION

2x4 MARKER POST AND GALVANIZED WIRE PER STD. SPECS

PLUG OR CAP AS REQUIRED

VARIES 5° MAX

VARIES 4° MAX

MIN. SLOPE
NOTES:
1. ALL THICKNESSES ARE COMPACTED DEPTHS.
2. N.T.S.
NOTE:
ONLY THE LATEST DETAIL, AS APPROVED BY
THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.

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<tr>
<td>CITY OF ZILLAH—STANDARD DETAIL ROADWAY SECTION—LOCAL ACCESS (RESIDENTIAL) NO PARKING ALLOWED ST-3</td>
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</tbody>
</table>
NOTE:
ONLY THE LATEST DETAIL, AS APPROVED BY
THE DIRECTOR OF PUBLIC WORKS, SHALL
BE USED.

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NOTES:
1. ALL THICKNESSES ARE COMPACTED DEPTHS.
2. IF MOUNTABLE CURB AND GUTTER SECTION
   IS APPROVED, SIDEWALK SHALL BE 6" DEPTH.
3. N.T.S.
FULL HEIGHT – BARRIER

NOTES:
1. AS DIRECTED BY THE PUBLIC WORKS DIRECTOR, MAY VARY DEPENDING UPON GRADE OF SIDEWALK AND DRIVEWAY BEYOND CURB. BACK OF CURB WILL BE 6 1/2" HIGH AT SIDEWALK RAMPS.
2. 3/8" THICK MASTIC EXPANSION JOINT TO BE PLACED AT ALL POINTS OF TANGENCY.
3. FOR STATIONARY FORM CONSTRUCTION STANDARD PLATES AND HALF PLATES TO BE PLACED AT 10'-0" INTERVALS.
4. FOR SLIP-FORM CONSTRUCTION, PROVIDE FULL DEPTH JOINTS AT 10'-0" INTERVALS.
5. BACKFILL BEHIND CURB SHALL EXTEND FROM TOP OF CURB BACK TO A POINT AS DIRECTED BY THE PUBLIC WORKS DIRECTOR. THE TOP 4" OF BACKFILL SHALL BE OF A FINE GRADED MATERIAL SUITABLE FOR LAWNS, AND BE DAMPENED AND MECHANICALLY COMPACTED TO OBTAIN A REASONABLE LEVEL OF COMPACTION.

DEPRESSED – DRIVEWAY

MOUNTABLE – ROLLED

NOTES:
- ONLY THE LATEST DETAIL, AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.

CITY OF ZILLAH—STANDARD DETAIL | CONCRETE CURB & GUTTER | ST-5
4" THICK SIDEWALK SECTION

6" THICK SIDEWALK SECTION AT DRIVEWAY ENTRANCES AND BEHIND MOUNTABLE CURB

NOTES:
- ONLY THE LATEST DETAIL, AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.

| CITY OF ZILLAH—STANDARD DETAIL | CONCRETE SIDEWALK SECTIONS | ST-6 |
SIDEWALK RAMP DETAIL

NOT TO SCALE

CAST-IN-PLACE TRUNCATED DOME DETECTABLE WARNING PATTERN, "ARMOUR-TILE" OR APPROVED EQUAL.

STANDARD

3/8" EXPANSION JOINT
TYPICAL EACH SIDE

ALTERNATE

NOTES:
- ONLY THE LATEST DETAIL, AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.
NOTES:

1. THROUGH JOINTS WITH 3/8" JOINT MATERIAL SHALL BE PLACED AT 20' INTERVALS.

2. 1 1/2" DEEP DUMMY JOINTS SHALL BE SCORED INTO THE CONCRETE AT ALTERNATING 10' INTERVALS.

3. "V" GROOVES SHALL BE PLACED AT 5' INTERVALS.

4. ALL JOINTS, "V" GROOVES, AND EDGES SHALL BE FINISHED WITH AN EDGER HAVING A 1/4" RADIUS.

5. SEE PLANS FOR WIDTH AND POSITION OF SIDEWALK.

6. CURB & GUTTER JOINTS SHALL MATCH SIDEWALK JOINTS WHERE SIDEWALK ABUTS CURB.

NOTES:

- ONLY THE LATEST DETAIL, AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.
RESIDENTIAL DRIVEWAY ENTRANCE

NOT TO SCALE

3/8" EXP. JOINT (TYP)

STANDARD DEPRESSED CURB AND GUTTER

6.0' 1/2 DRIVEWAY WIDTH

6" THICK SIDEWALK IN DRIVEWAY ENTRANCES
BACK OF SIDEWALK GRADE MAY BE DROPPED AS DIRECTED BY THE PUBLIC WORKS DIRECTOR.

COLD JOINT

CONSTRUCTION JOINT

DISTANCE VARIES - SEE PLAN

NOTE:
REINFORCEMENT NOT SHOWN FOR CLARITY. EXTEND REINFORCEMENT TO CONSTRUCTION JOINTS.

NOTES:
- ONLY THE LATEST DETAIL, AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.

<table>
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<tr>
<th>CITY OF ZILLAH—STANDARD DETAIL</th>
<th>DRIVeway ENTRANCE</th>
<th>ST—9</th>
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<td>Revision Date Description Appr</td>
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</table>
MONUMENT DETAIL
NOT TO SCALE

**NOTES:**
1. TOP OF MONUMENT CAP SHALL BE 3" BELOW FINISH GRADE
2. MONUMENT, MONUMENT CASE & COVER TO BE PLACED AFTER FINAL LIFT OF HMA.
3. MONUMENT CASE, COVER AND RISERS SHALL BE THE REQUIREMENTS OF SECTION 9-22 AND MANUFACTURED BY OLYMPIC FOUNDRY OR EQUAL.

**NOTE:**
ONLY THE LATEST DETAIL, AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.

| CITY OF ZILLAH—STANDARD DETAIL | MONUMENT | ST-10 |
C= C_slope approaching ramp
D= \frac{50}{(8.33-C)}

PLAN

0.2' compacted
hot mix asphalt

ISOMETRIC

SECTION A-A

ASPHALT SIDEWALK RAMP DETAIL

NOT TO SCALE

NOTE:
ONLY THE LATEST DETAIL, AS APPROVED BY
THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.

CITY OF ZILLAH—STANDARD DETAIL

ASPHALT SIDEWALK RAMP DETAIL

ST-11
NOTES:
1. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRENCH SURFACE RESTORATION BEYOND THE PAYMENT LIMITS SHOWN, INCLUDING WIDER TRENCH SECTIONS RESULTING FROM LAYING BACK TRENCH SIDES AT THE CONTRACTORS OPTION. NO MEASUREMENT OR PAYMENT WILL BE MADE FOR SURFACE REPAIR BEYOND THE PAYMENT LIMITS.
2. NO MEASUREMENT OR PAYMENT WILL BE MADE FOR TRENCH SURFACING REPAIR IN UNSURFACED AREAS.
3. HMA PATCHING WILL BE COMPLETED WITHIN THREE DAYS.
4. ALL THICKNESS ARE COMPACTED DEPTH.

12" (MIN.) SILT MATERIAL FREE FROM ROCKS. STORE IN STOCKPILE WHEN REMOVED DURING TRENCHING OPERATIONS, REPLACE TO MINIMUM THICKNESS SHOWN. IF EXISTING GROUND SURFACE ADJACENT TO TRENCH DOES NOT INCLUDE SILT OVERBURDEN, THEN BACKFILL TO SURFACE WITH NATIVE MATERIAL EXCAVATED FROM TRENCH.

UNSURFACED AREAS

TRENCH SURFACING REPAIR

NOT TO SCALE
NOTES:
- CUL-DE-SAC STREETS SHALL BE A MAXIMUM OF 500 FEET IN LENGTH.
- ONLY THE LATEST DETAIL, AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.

PLAN VIEW

CONCRETE CURB AND GUTTER.

RIGHT-OF-WAY: R=15'

PAVED SURFACE
R=25'

5' SIDEWALK

50' R/W

15' 15'

33'

11/06

ORIG.

Revision Date Description Appr

CITY OF ZILLAH—STANDARD DETAIL FULL CUL-DE-SAC LAYOUT ST-13
TYPICAL WATERMAIN TRENCH

NOT TO SCALE

NOTES:
- FOR WATER SERVICES, INSTALL IMPORTED PIPE BEDDING A MINIMUM OF 3" THICK ON ALL SIDES OF PIPE.
- MECHANICAL TAMPING AND COMPACTION REQUIRED AS DIRECTED BY THE CITY. WATER SETTLING MAY ONLY BE USED OUTSIDE THE ROADWAY PRISM WHEN APPROVED BY THE CITY.
- ONLY THE LATEST DETAIL, AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.

STREET CROSSING TRENCHES SHALL BE BACKFILLED FULL DEPTH WITH IMPORTED SELECT BACKFILL (C.S.B.C.).

3" MINUS NATIVE MATERIAL MAY BE USED FOR BACKFILL UNLESS OTHERWISE DIRECTED BY THE PUBLIC WORKS DIRECTOR.

SIZE 12 THHN BLUE PLASTIC COATED SOLID COPPER TRACER WIRE SHALL BE INSTALLED ON TOP OF PVC WATERMAIN ATTACHED EVERY 10 FEET.

PIPE ZONE BEDDING/BACKFILL SHALL MEET THE REQUIREMENT OF SECTION 9-3.9(3) CRUSHED SURFACING TOP COURSE FOR PVC OR 9-03.12(3) "GRAVEL BACKFILL FOR PIPE ZONE" FOR DUCTILE IRON.
TYPICAL FIRE HYDRANT ASSEMBLY

NOT TO SCALE

NOTES:
- ROMAC "GRIP-RING" MECHANICAL JOINT ACCESSORY PACK SHALL BE USED ON ALL MECHANICAL JOINT CONNECTIONS FROM TEE TO HYDRANT.
- MINIMUM HYDRANT DEPTH IS 5 FEET. THIS DISTANCE MAY INCREASE WHEN HYDRANTS ARE INSTALLED ON DISTRIBUTION MAIN SIZES LARGER THAN 6 INCHES IN DIAMETER.
- ONLY THE LATEST DETAIL, AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.

ACCEPTABLE HYDRANTS:
- MUELLER CENTURION
- M&H 929 RELIANT
WATER SERVICE

NOT TO SCALE

NOTES:
- ONLY THE LATEST DETAIL, AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.
WATER METER BOX

NOT TO SCALE

NOTES:
- ONLY THE LATEST DETAIL, AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.

CITY OF ZILLAH—STANDARD DETAIL | WATER METER BOX | W−4
NOTE: ADJUST EARS TO ALIGN WITH PIPE.

CAST IRON LID

FINISHED GRADE

UPPER SECTION SLIDING
TYPE C.I. VALVE BOX
(OLYMPIC MODEL 940-B, 18-INCHES HIGH)

LOWER SECTION
(OLYMPIC MODEL R-36
36-INCHES HIGH)

RESILIENT SEAL GATE VALVE

6" MIN.

VALVE SIZE AND ENDS
AS SPECIFIED OR
INDICATED ON PLANS.
INSTALLATION IS
SIMILAR FOR
BUTTERFLY VALVE.

NOTE: PROVIDE EXTENSION
PIECE WHERE REQUIRED
FOR VALVE BOX.
(OLYMPIC MODEL 044, 12-INCHES HIGH)

WATER VALVE BOX
NOT TO SCALE

NOTE:
ONLY THE LATEST DETAIL, AS APPROVED BY
THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.
AIR RELEASE/AIR VACUUM VALVE ASSEMBLY
NOT TO SCALE

NOTES:
- ONLY THE LATEST DETAIL, AS APPROVED BY THE DIRECTOR OF PUBLIC WORKS, SHALL BE USED.

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<tr>
<td>CITY OF ZILLAH—STANDARD DETAIL</td>
<td>AIR RELEASE/AIR VACUUM VALVE</td>
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BLOW - OFF DETAIL

NOTE:
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NOTE: 
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MINIMUM END AREAS

<table>
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<tr>
<th>PIPE SIZE (D)</th>
<th>TEES &amp; PLUGS</th>
<th>90° BENDS (SQ FT)</th>
<th>45° BENDS (SQ FT)</th>
<th>11 1/4&quot; AND 22 1/2&quot; BENDS (SQ FT)</th>
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<tbody>
<tr>
<td>6&quot;</td>
<td>5.1</td>
<td>7.2</td>
<td>3.9</td>
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<tr>
<td>8&quot;</td>
<td>8.8</td>
<td>12.4</td>
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<td>39.2</td>
<td>21.2</td>
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<tr>
<td>16&quot;</td>
<td>35.8</td>
<td>51.2</td>
<td>27.5</td>
<td>13.9</td>
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NOTES:
1. D IS APPROXIMATE PIPE DIAMETER. THE ABOVE END AREAS ARE BASED ON AN ALLOWABLE SOIL BEARING PRESSURE OF 1500 PSF AND 250 PSI TEST PRESSURE.
2. DIMENSIONS LISTED DENOTE MINIMUM STANDARDS FOR SOIL AND TEST PressURES Shown. SHOULD TEST PRESSURE AND/OR SOIL CONDITIONS VARY, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR SPECIAL THRUST BLOCK DESIGN.
3. ALL FITTINGS AND/OR PIPE MAKING DIRECT CONTACT WITH CONCRETE SHALL BE WRAPPED WITH 4 MIL POLYETHYLENE SHEETING PRIOR TO PLACEMENT OF CONCRETE.

TYPICAL THRUST BLOCKING

VERTICAL OVERBEND

<table>
<thead>
<tr>
<th>PIPE SIZE (D)</th>
<th>22 1/2&quot; BEND (CU FT)</th>
<th>45° BEND (CU FT)</th>
<th>REBAR SIZE</th>
<th>L (FT)</th>
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<tr>
<td>6&quot;</td>
<td>20</td>
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<td>79</td>
<td>157</td>
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<tr>
<td>14&quot;</td>
<td>107</td>
<td>212</td>
<td>#7</td>
<td>3.0</td>
</tr>
<tr>
<td>16&quot;</td>
<td>139</td>
<td>275</td>
<td>#9</td>
<td>4.0</td>
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NOT TO SCALE
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CITY OF ZILLAH—STANDARD DETAIL  FIRE HYDRANT GUARD POSTS  W-9