

UNIFORM STANDARD DETAILS

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UNIFORM STANDARD DETAILS

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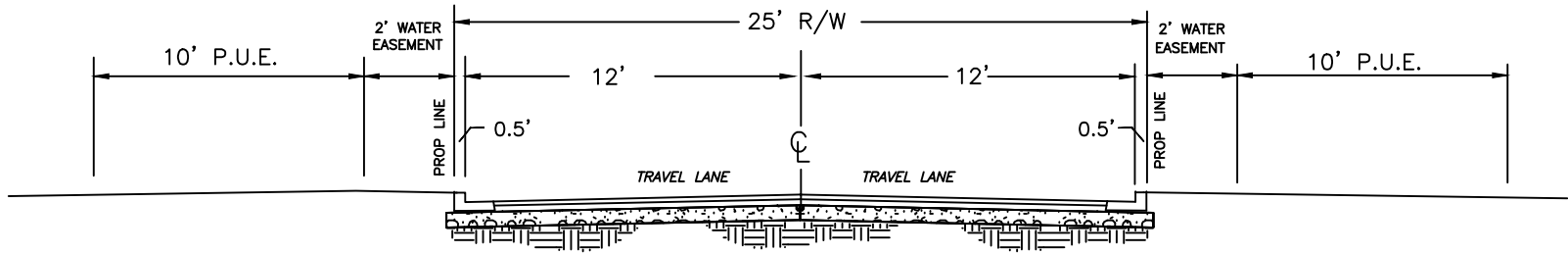
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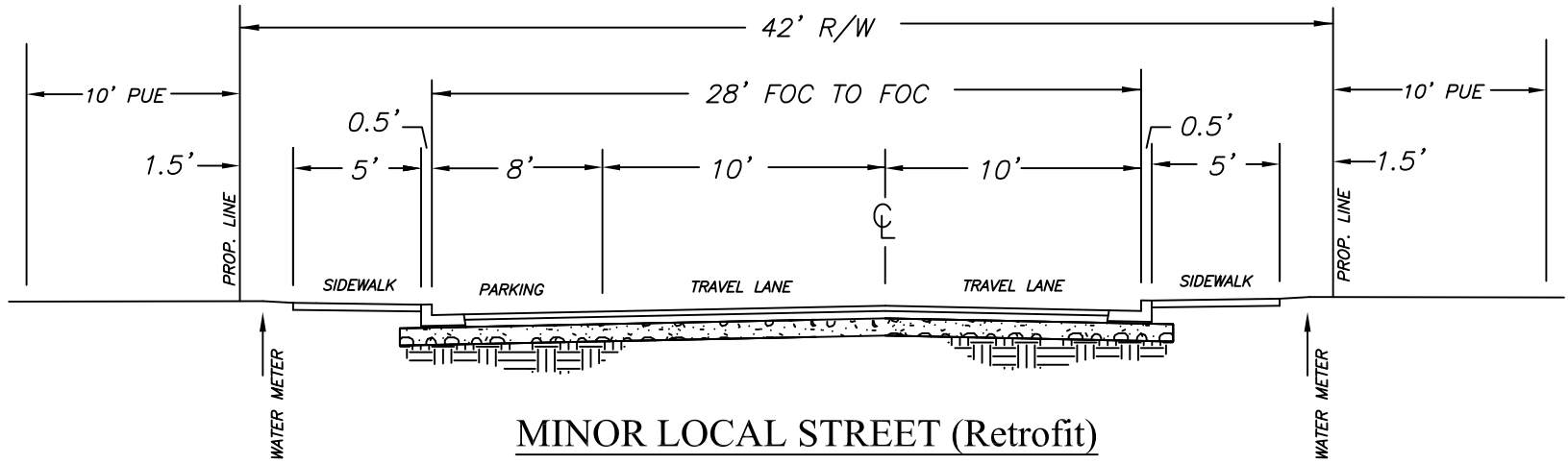
M-1.....	Monument Detail
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RESIDENTIAL LANE
 NO ONSTREET PARKING
 NOT TO SCALE

NOTES

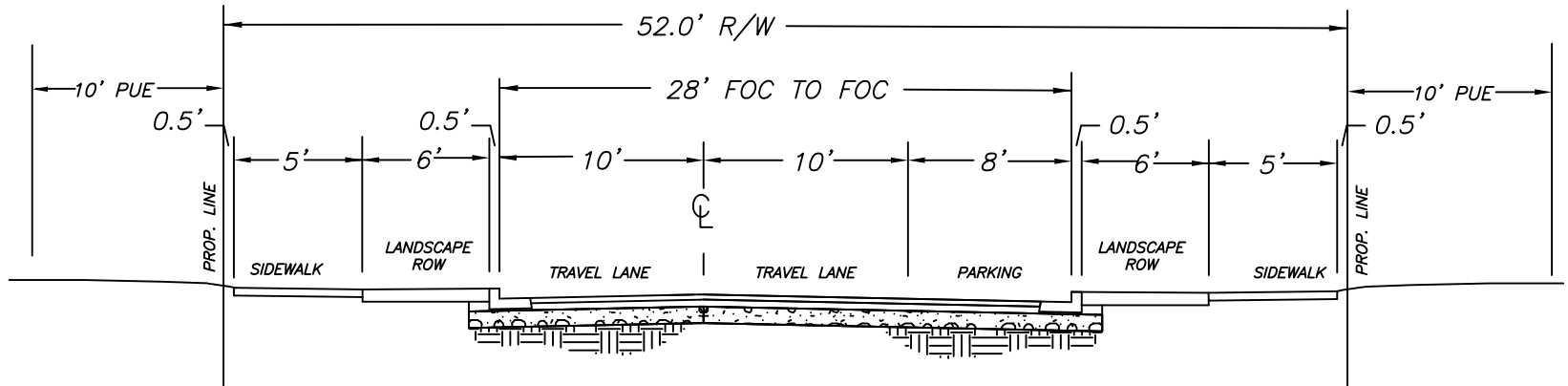
1. SEE TABLE 300-3 FOR MINIMUM STREET SECTION REQUIREMENTS.
2. SEE TABLE 300-1D FOR WIDTHS AND RIGHT OF WAY REQUIREMENTS.
3. TRANSVERSE GRADE ARE 3%.



MINOR LOCAL STREET (Retrofit)

W/ PARKING ON ONE SIDE

NOT TO SCALE



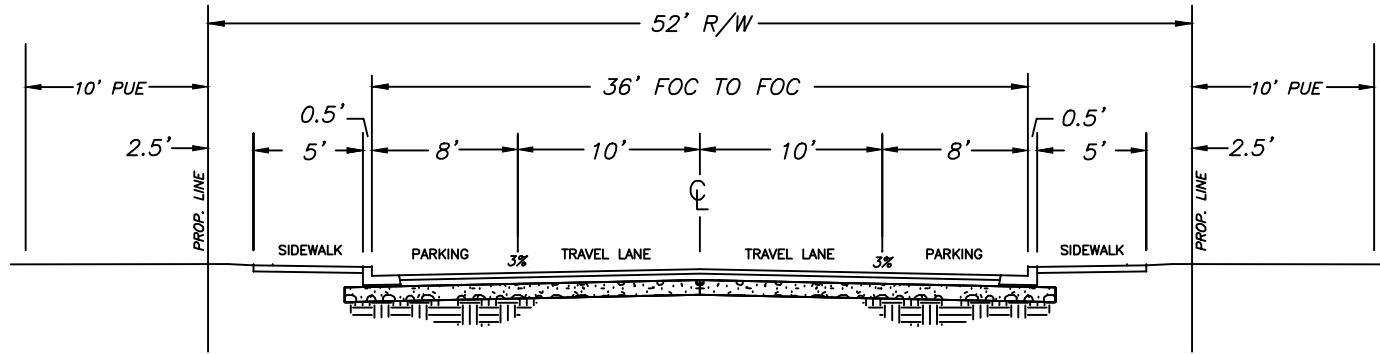
MINOR RESIDENTIAL LOCAL STREET

W/PARKING ON ONE SIDE AND LANDSCAPE ROWS

NOT TO SCALE

NOTES

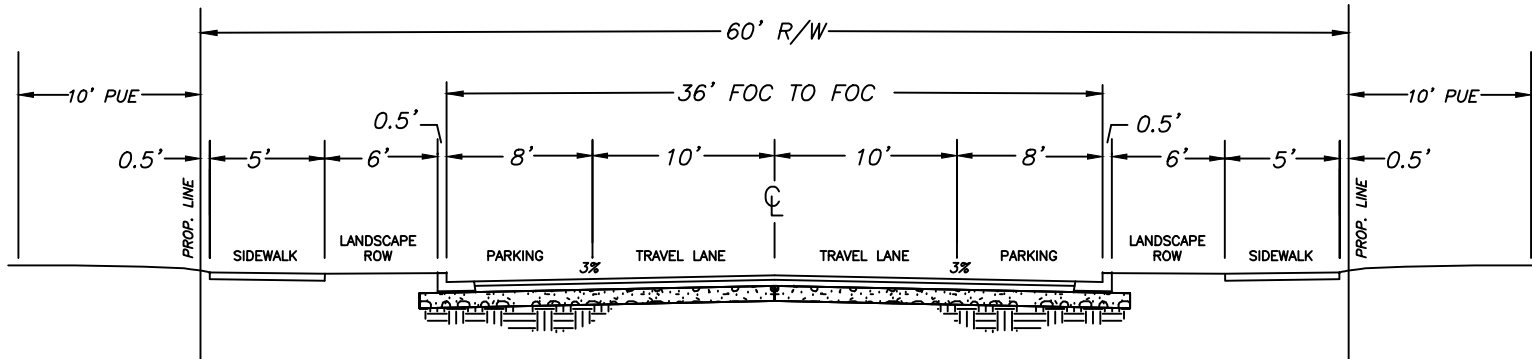
1. SEE TABLE 300-3 FOR MINIMUM STREET SECTION REQUIREMENTS.
2. SEE TABLE 300-1D FOR WIDTHS AND RIGHT OF WAY REQUIREMENTS.
3. TRANSVERSE GRADE ARE 3%.



STANDARD LOCAL STREET (RETROFIT)

W/O LANDSCAPE ROWS

NOT TO SCALE



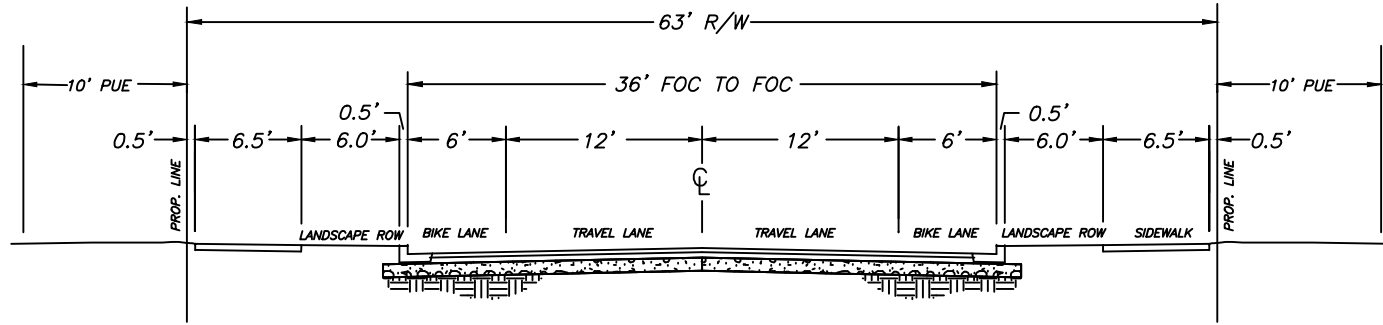
STANDARD LOCAL STREET

W/LANDSCAPE ROWS

NOT TO SCALE

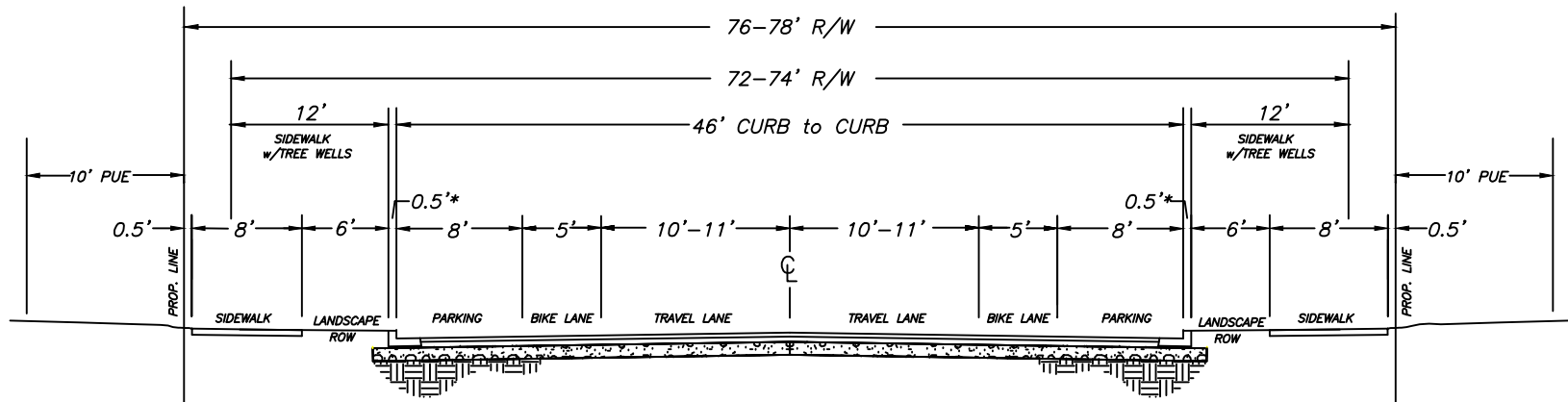
NOTES

1. SEE TABLE 300-3 FOR MINIMUM STREET SECTION REQUIREMENTS.
2. SEE TABLE 300-1C FOR WIDTHS AND RIGHT OF WAY REQUIREMENTS.
3. TRANSVERSE GRADE ARE 3%.



2 LANE COLLECTOR STREET (Retrofit)
 W/BIKE LANES, W/O PARKING, W/LANDSCAPE ROWS

NOT TO SCALE

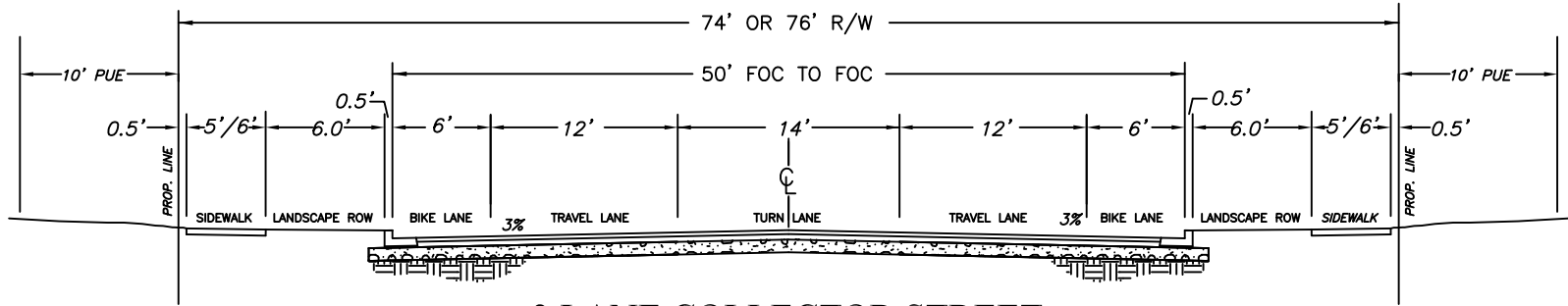


2 LANE COLLECTOR STREET
 W/BIKE LANES, W/PARKING, W/LANDSCAPE ROW

NOT TO SCALE

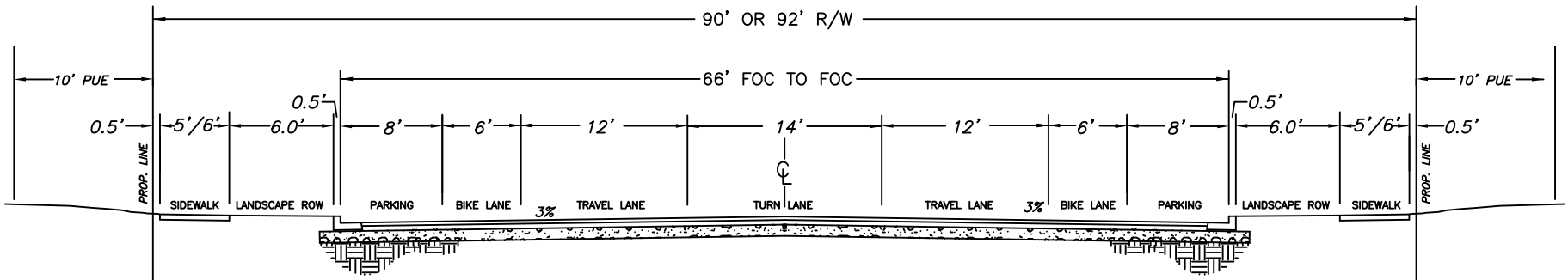
NOTES

1. R-O-W WIDTH DOES NOT INCLUDE PARKING LANES, TRANSIT PULLOUT, OR DECELERATION/ ACCELERATION LANE REQUIREMENTS.
2. PUBLIC UTILITY EASEMENT WIDTHS ARE IN ADDITION TO R-O-W.
3. SEE TABLE 300-3 FOR MINIMUM STREET SECTION REQUIREMENTS.
4. SEE TABLE 300-1B FOR WIDTHS AND RIGHT OF WAY REQUIREMENTS.
5. TRANSVERSE GRADE ARE 3%.



3 LANE COLLECTOR STREET
W/BIKE LANES, W/O PARKING, W/LANDSCAPE ROWS

NOT TO SCALE



3 LANE COLLECTOR STREET
W/BIKE LANES, W/PARKING (BOTH SIDES), W/LANDSCAPE ROWS

* 6-FOOT SIDEWALK SHALL BE USED IN COMMERCIAL, INDUSTRIAL, OR MIXED-USE APPLICATIONS.

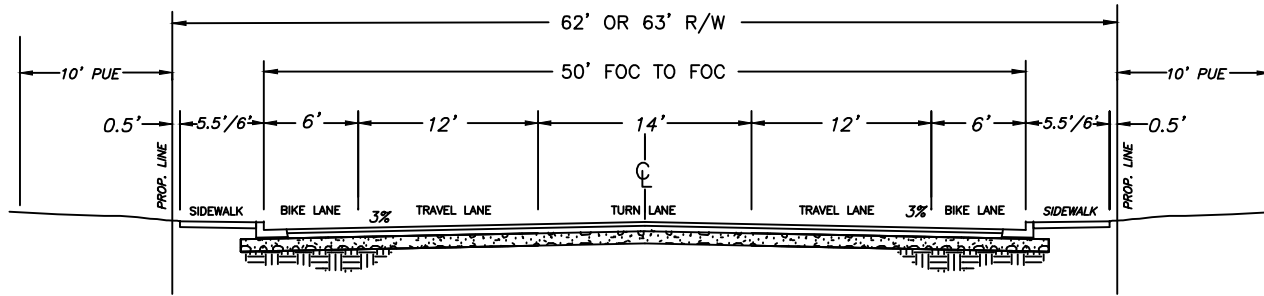
NOT TO SCALE

NOTES

1. R-O-W WIDTH DOES NOT INCLUDE PARKING LANES, TRANSIT PULLOUT, OR DECELERATION/ACCELERATION LANE REQUIREMENTS.
2. PUBLIC UTILITY EASEMENT WIDTHS ARE IN ADDITION TO R-O-W.
3. SEE TABLE 300-3 FOR MINIMUM STREET SECTION REQUIREMENTS.
4. SEE TABLE 300-1B FOR WIDTHS AND RIGHT OF WAY REQUIREMENTS.
5. TRANSVERSE GRADE ARE 3%.

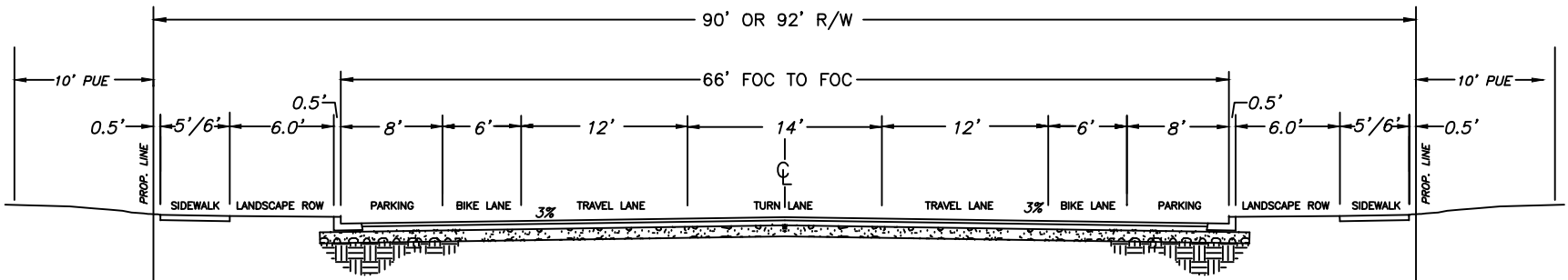
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3 LANE COLLECTOR STREET

W/BIKE LANES, W/O PARKING
 (RETROFIT ONLY)
 NOT TO SCALE



3 LANE COLLECTOR STREET

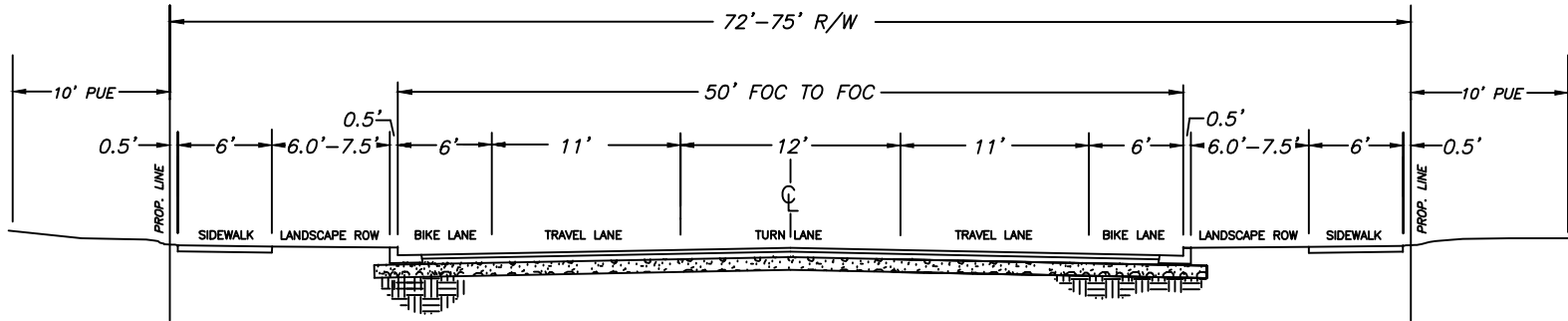
W/BIKE LANES, W/PARKING (BOTH SIDES), W/LANDSCAPE ROWS

* 6-FOOT SIDEWALK SHALL BE USED IN COMMERCIAL, INDUSTRIAL, OR MIXED-USE APPLICATIONS.

NOT TO SCALE

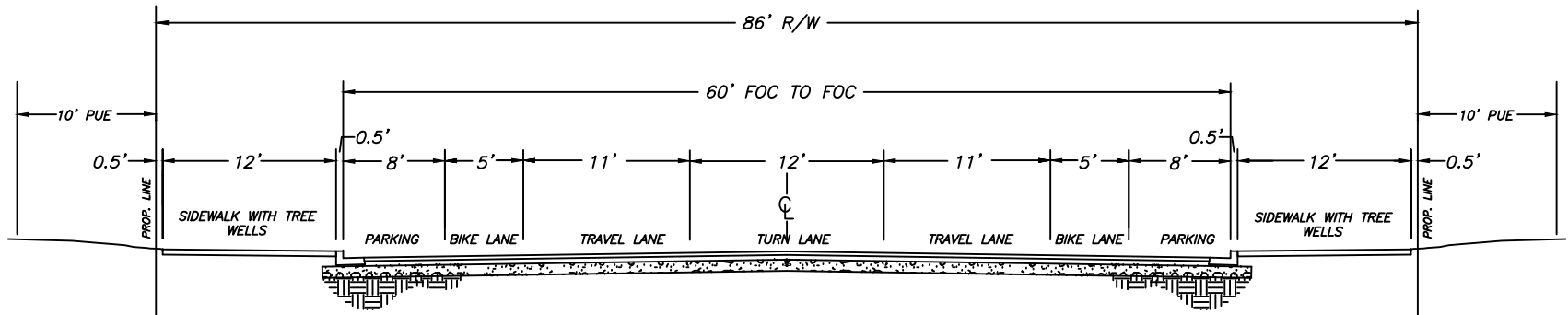
NOTES

1. R-O-W WIDTH DOES NOT INCLUDE PARKING LANES, TRANSIT PULLOUT, OR DECELERATION/ACCELERATION LANE REQUIREMENTS.
2. PUBLIC UTILITY EASEMENT WIDTHS ARE IN ADDITION TO R-O-W.
3. SEE TABLE 300-3 FOR MINIMUM STREET SECTION REQUIREMENTS.
4. SEE TABLE 300-1B FOR WIDTHS AND RIGHT OF WAY REQUIREMENTS.
5. TRANSVERSE GRADE ARE 3%.



3 LANE MINOR ARTERIAL STREET

W/BIKE LANES, W/LANDSCAPE ROWS
 (RETROFIT ONLY)
 NOT TO SCALE



3 LANE MINOR ARTERIAL STREET

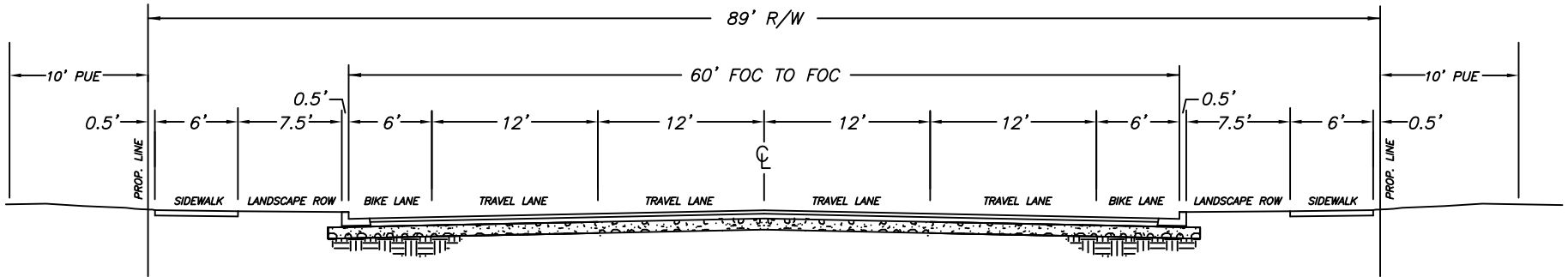
W/BIKE LANES, W/PARKING (BOTH SIDES), W/LANDSCAPE ROWS
 NOT TO SCALE

NOTES

1. R-O-W WIDTH DOES NOT INCLUDE PARKING LANES, TRANSIT PULLOUT, OR DECELERATION/ ACCELERATION LANE REQUIREMENTS.
2. PUBLIC UTILITY EASEMENT WIDTHS ARE IN ADDITION TO R-O-W.
3. SEE TABLE 300-3 FOR MINIMUM STREET SECTION REQUIREMENTS.
4. SEE TABLE 300-1A FOR WIDTHS AND RIGHT OF REQUIREMENTS.
5. TRANSVERSE GRADE ARE 3%.



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4 LANE ARTERIAL
W/BIKE LANES, W/LANDSCAPE ROWS
NOT TO SCALE

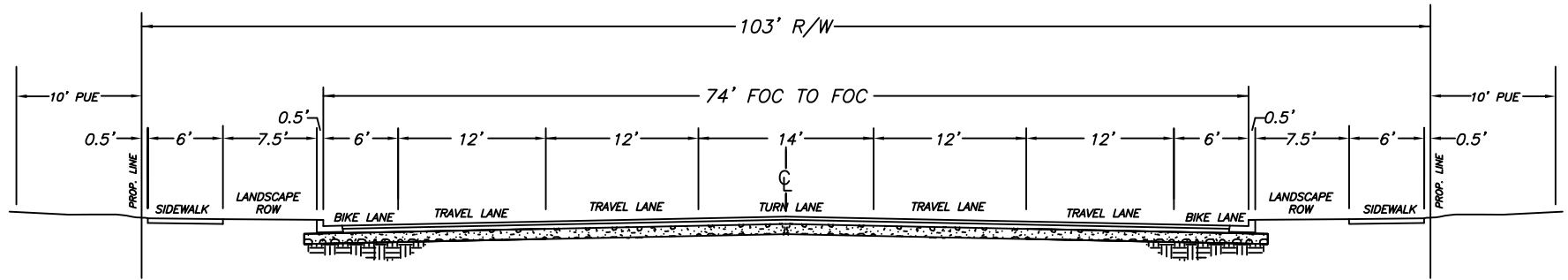
NOTES

1. R-O-W WIDTH DOES NOT INCLUDE PARKING LANES, TRANSIT PULLOUT, OR DECELERATION/ ACCELERATION LANE REQUIREMENTS.
2. PUBLIC UTILITY EASEMENT WIDTHS ARE IN ADDITION TO R-O-W.
3. SEE TABLE 300-3 FOR MINIMUM STREET SECTION REQUIREMENTS.
4. SEE TABLE 300-1A FOR WIDTHS AND RIGHT OF REQUIREMENTS.
5. TRANSVERSE GRADE ARE 3%.

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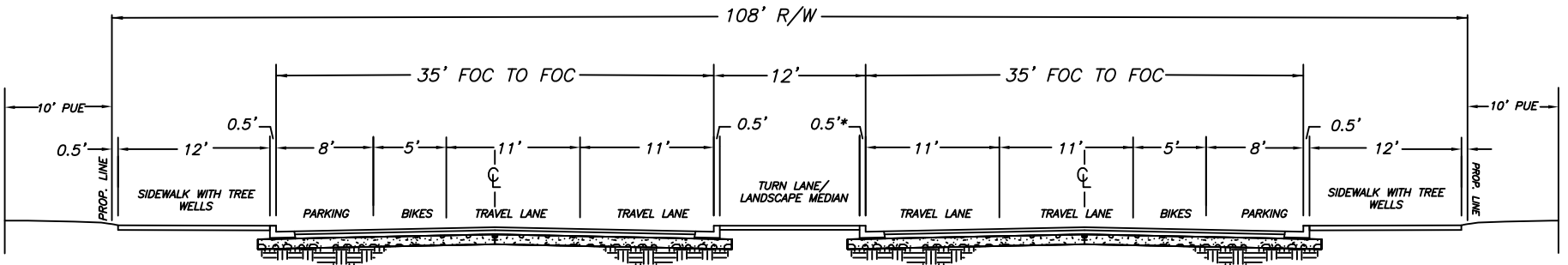
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ST-32

FILE: CP-ST-32.DWG



5 LANE ARTERIAL STREET

W/BIKE LANES, W/LANDSCAPE ROWS
NOT TO SCALE

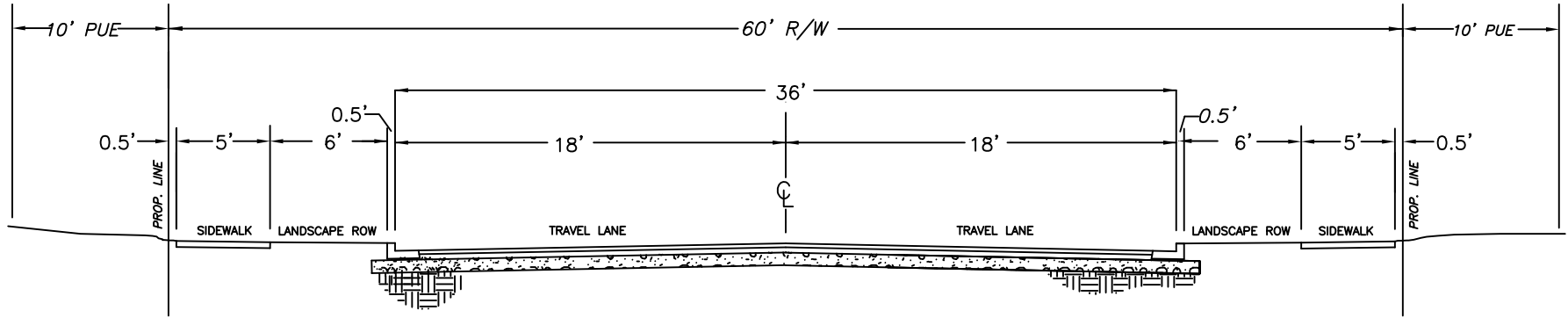


5 LANE ARTERIAL STREET

NOT TO SCALE

NOTES

1. R-O-W WIDTH DOES NOT INCLUDE PARKING LANES, TRANSIT PULLOUT, OR DECELERATION/ ACCELERATION LANE REQUIREMENTS.
2. PUBLIC UTILITY EASEMENT WIDTHS ARE IN ADDITION TO R-O-W.
3. SEE TABLE 300-3 FOR MINIMUM STREET SECTION REQUIREMENTS.
4. SEE TABLE 300-1A FOR WIDTHS AND RIGHT OF REQUIREMENTS.
5. TRANSVERSE GRADE ARE 3%.



INDUSTRIAL STREET

W/LANDSCAPE ROWS

NOT TO SCALE

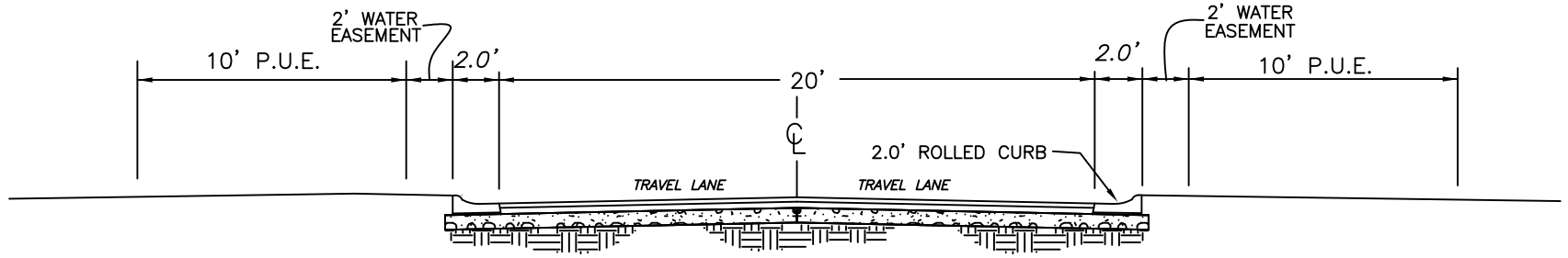
NOTES

1. R-O-W WIDTH DOES NOT INCLUDE TRANSIT PULLOUT, OR DECELERATION/ACCELERATION LANE REQUIREMENTS.
2. PUBLIC UTILITY EASEMENT WIDTHS ARE IN ADDITION TO R-O-W.
3. TRANSVERSE GRADE ARE 3%.
4. 8.0' PARKING OPTIONAL

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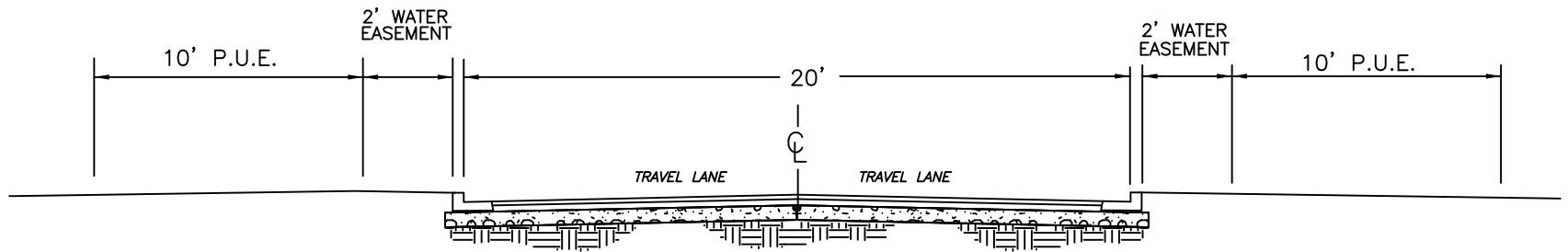
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REVISED	DATE

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ST-40



PRIVATE DRIVE & ALLEY W/ ROLLED CURB

NOT TO SCALE



PRIVATE DRIVE & ALLEY W/ STANDARD CURB & GUTTER

NOT TO SCALE

NOTES

1. SEE TABLE 300-3 FOR MINIMUM STREET SECTION REQUIREMENTS.
2. SEE TABLE 300-1E FOR WIDTHS AND RIGHT OF REQUIREMENTS.
3. TRANSVERSE GRADE ARE 3%.

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

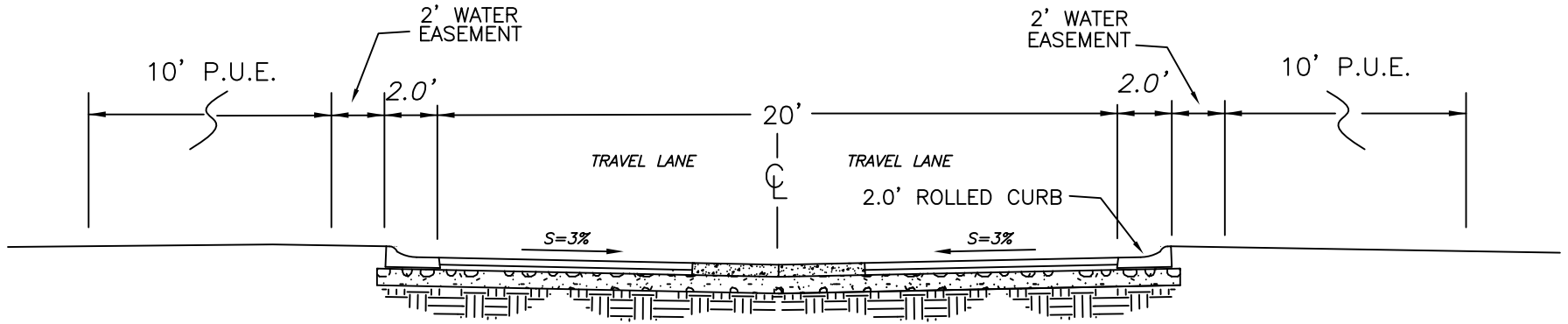
PRIVATE DRIVES

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APPROVED	DATE
REVISED	DATE

ST-42

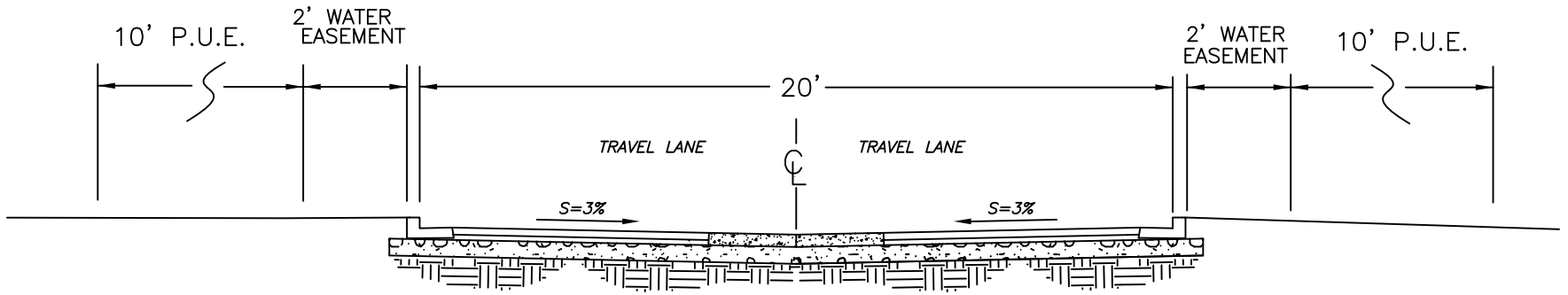
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**PRIVATE DRIVE & ALLEY
 W/ ROLLED CURB & VALLEY GUTTER**

NOT TO SCALE



**PRIVATE DRIVE & ALLEY
 W/ STANDARD CURB & GUTTER & VALLEY GUTTER**

NOT TO SCALE

NOTES

1. SEE TABLE 300-3 FOR MINIMUM STREET SECTION REQUIREMENTS.
2. SEE TABLE 300-1E FOR WIDTHS AND RIGHT OF REQUIREMENTS.
3. TRANSVERSE GRADE ARE 3%.
4. SEE A-7 FOR CONCRETE VALLEY GUTTER DETAIL

PRIVATE DRIVES

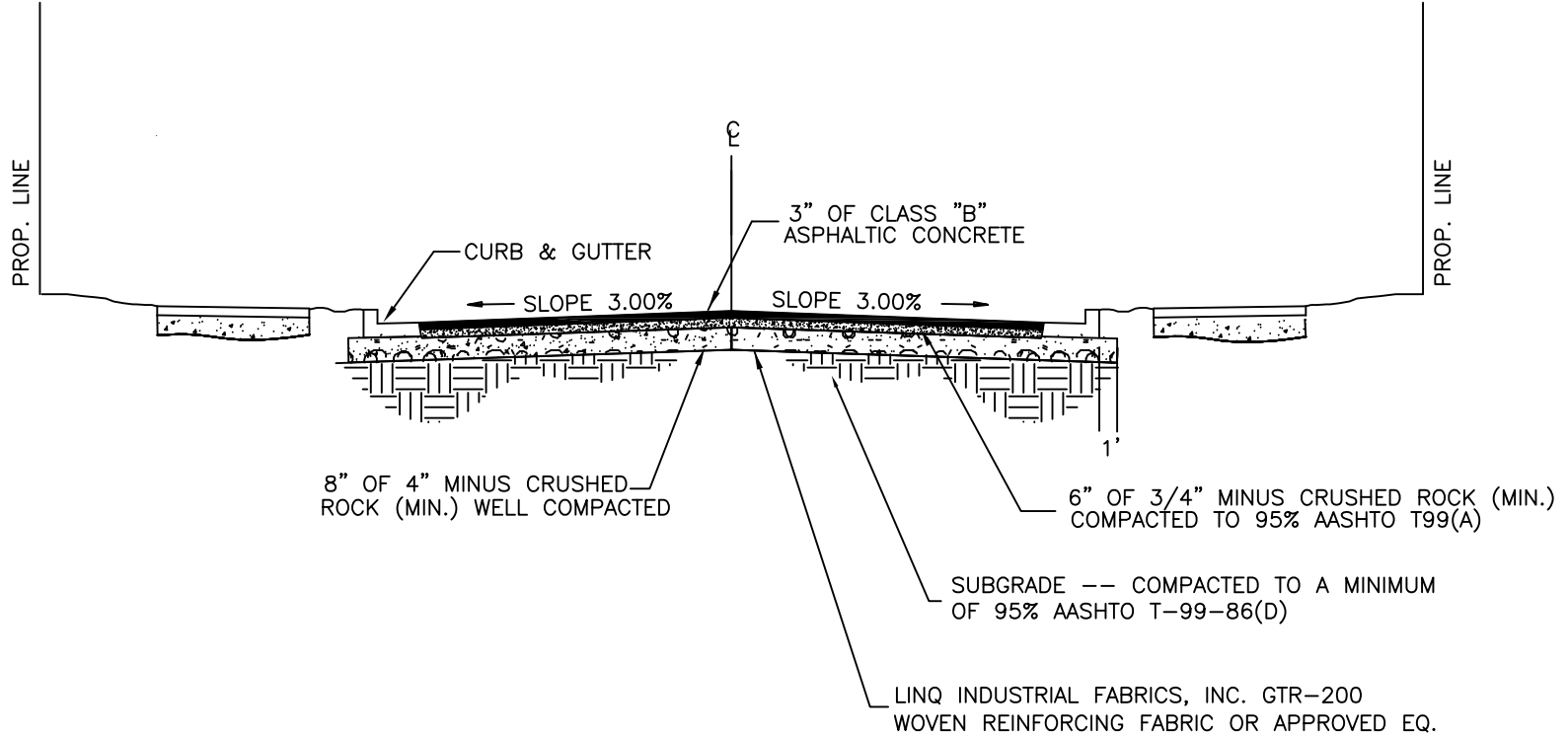
UNIFORM STANDARDS
 FOR
 PUBLIC WORKS CONSTRUCTION

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REVISED	DATE

ST-43

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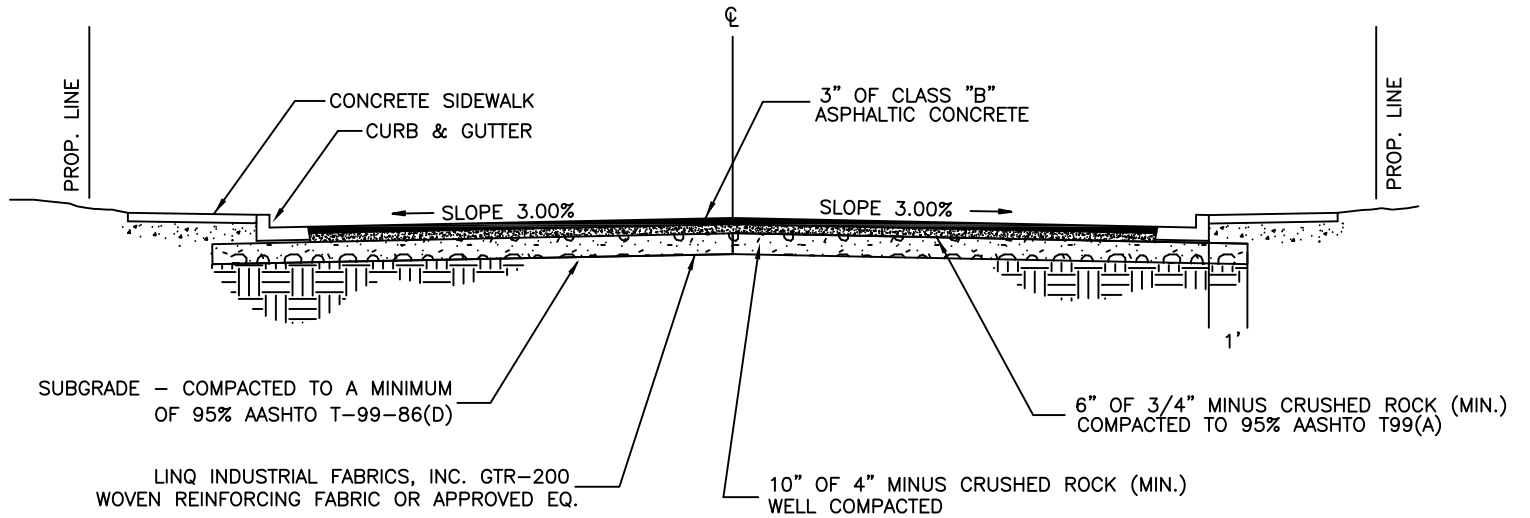
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LOCAL STREET MINIMUM THICKNESS

NOTES:

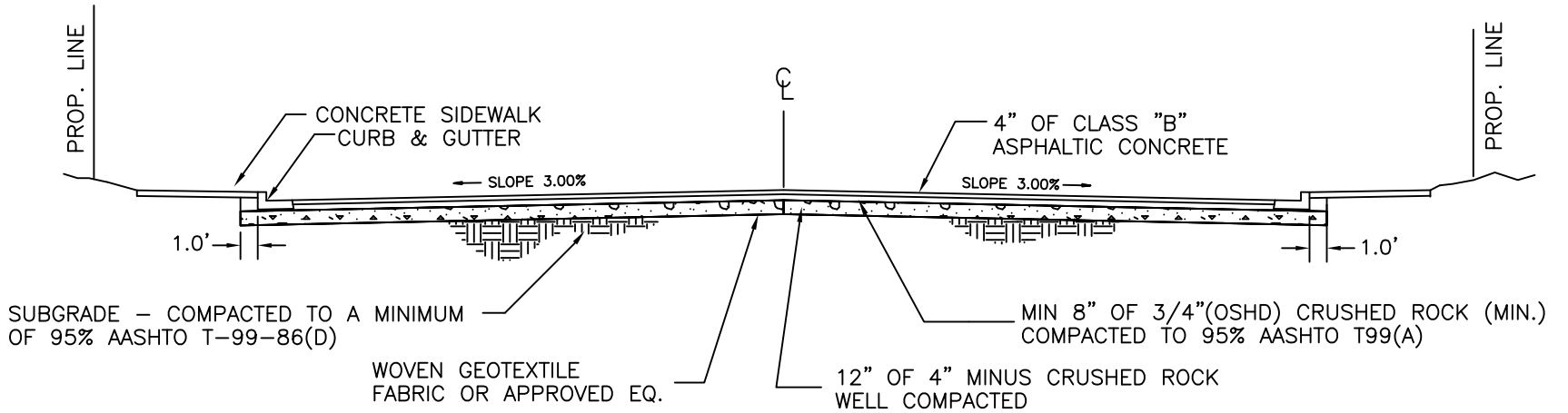
1. SECTIONS SHOWN ARE MINIMUMS. THE CITY SHALL EVALUATE THE SUBGRADE MATERIAL PROPERTIES AND EXPECTED TRAFFIC LOADS, AND WILL DESIGN THE STREET SECTION ACCORDINGLY.
2. SURFACE/STORMWATER DRAINAGE COLLECTION AND CONVEYANCE FACILITIES SHALL BE REQUIRED FOR ALL STREET IMPROVEMENTS
3. SEE TABLE 300 - 3



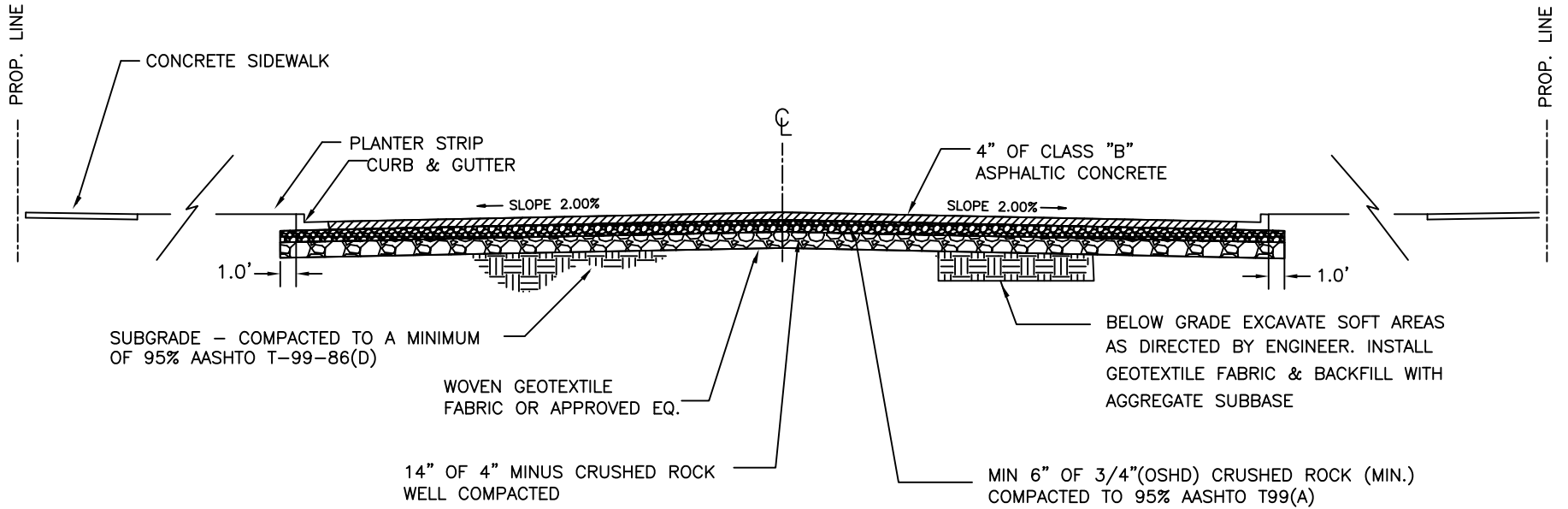
COLLECTOR STREET MINIMUM THICKNESS

NOTES:

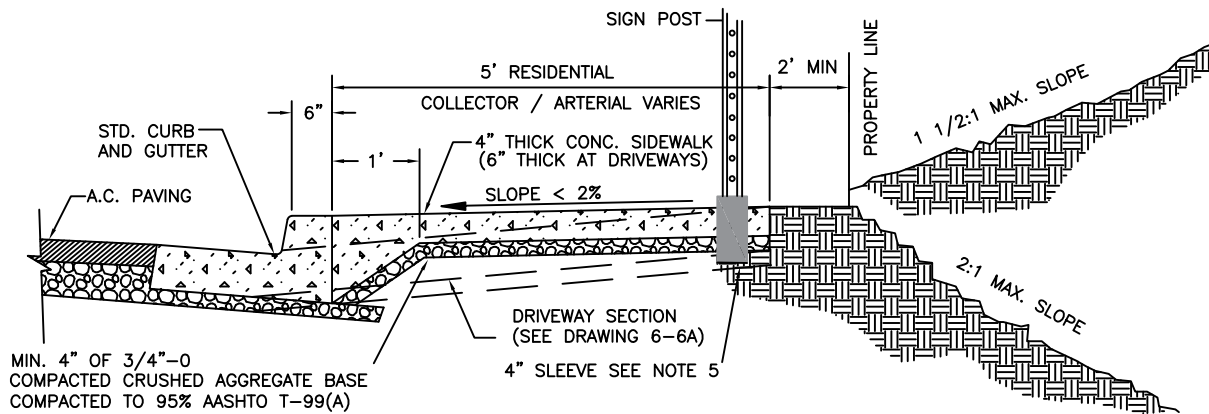
1. SECTIONS SHOWN ARE MINIMUMS. THE CITY SHALL EVALUATE THE SUBGRADE MATERIAL PROPERTIES AND EXPECTED TRAFFIC LOADS, AND WILL DESIGN THE STREET SECTION ACCORDINGLY.



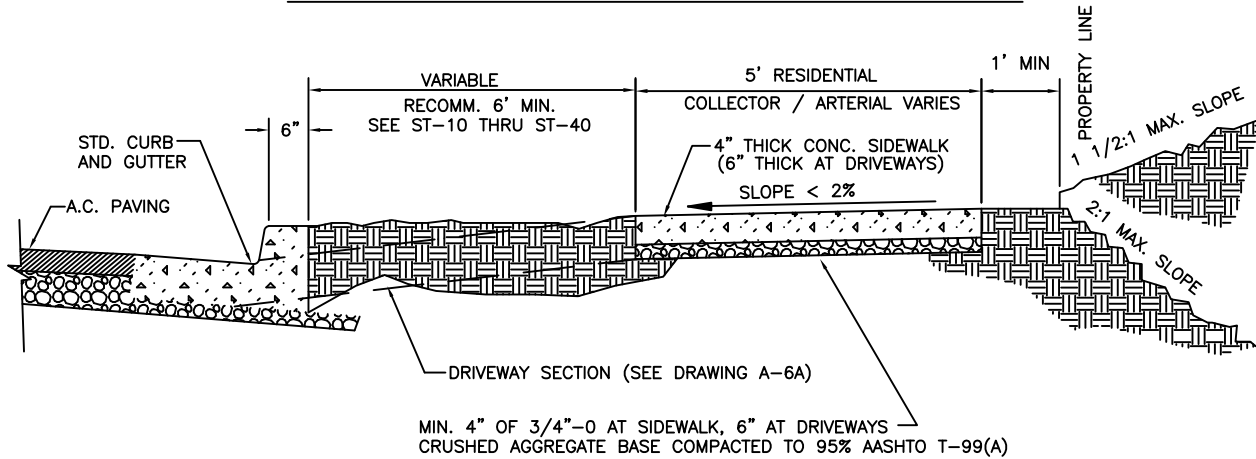
ARTERIAL STREET MINIMUM THICKNESS



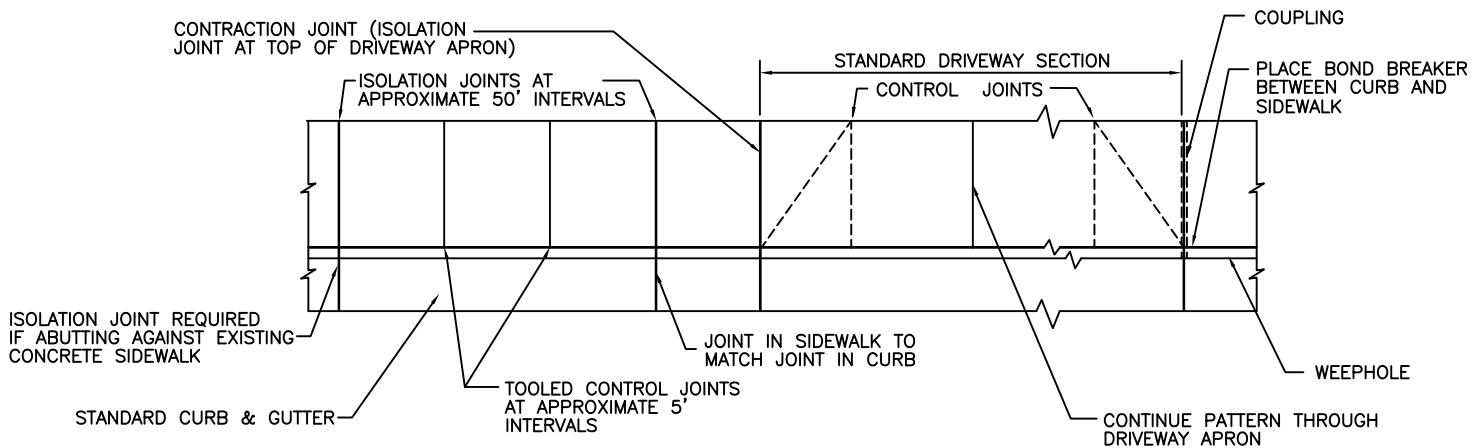
INDUSTRIAL STREET MINIMUM THICKNESS



TYPICAL SIDEWALK CROSS SECTION



TYPICAL SETBACK SIDEWALK CROSS SECTION



TYP. PLAN VIEW

NOTES:

- ALL CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 930.00.00- PORTLAND CEMENT CONCRETE (PCC).
- ALL WORK AND MATERIALS SHALL CONFORM TO APWA/ODOT STANDARD SPECS.
- BASE ROCK MATERIAL SHALL BE 3/4"-0 CRUSHED ROCK CONFORMING SECTION 910.10.02 BASE AGGREGATE.
 - 4" MIN. THICKNESS UNDER SIDEWALKS
 - 6" MIN. THICKNESS UNDER DRIVEWAYS
- ASPHALT IMPREGNATED FELT JOINTS ARE REQUIRED AT 50-FT INTERVALS AND PCR'S AT STREET CORNERS.
- WHEN SIGN POST ARE PLACED OR EXIST WITHIN SIDEWALK, INSTALL A 4" PLASTIC COLLAR AT BASE TO ALLOW FOR FUTURE REPAIR/REPLACEMENT OF SIGN POST.
- INSTALL A MIN. OF (2) - 3" WEEP HOLES FOR EACH RESIDENTIAL LOT FOR ROOF DRAINS, EITHER 2.0' FROM THE END OF THE DRIVEWAY APRON, OR 5.0' FROM THE THE PROPERTY LINE.

FILE: CP-A-5A.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

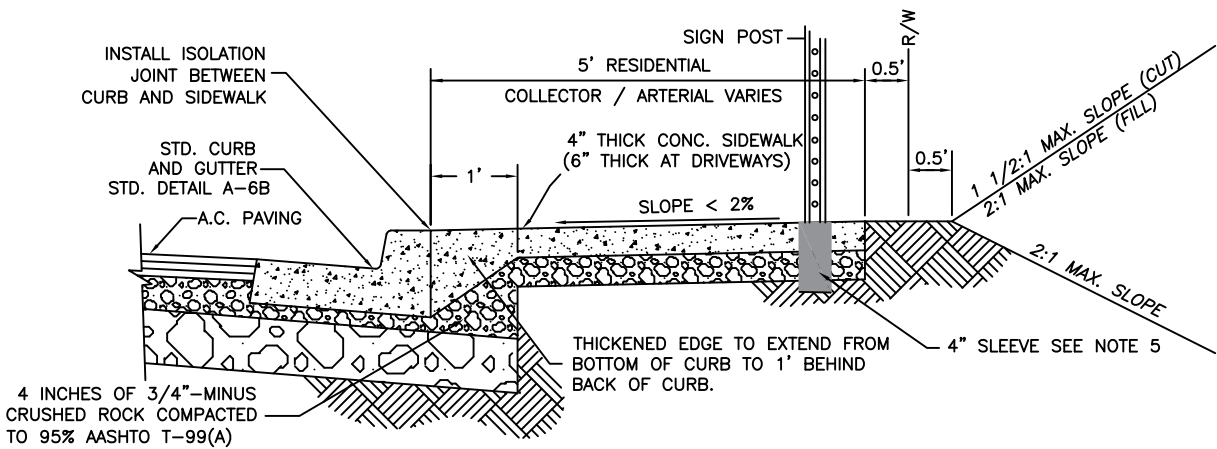
SIDEWALKS

REVISED DATE

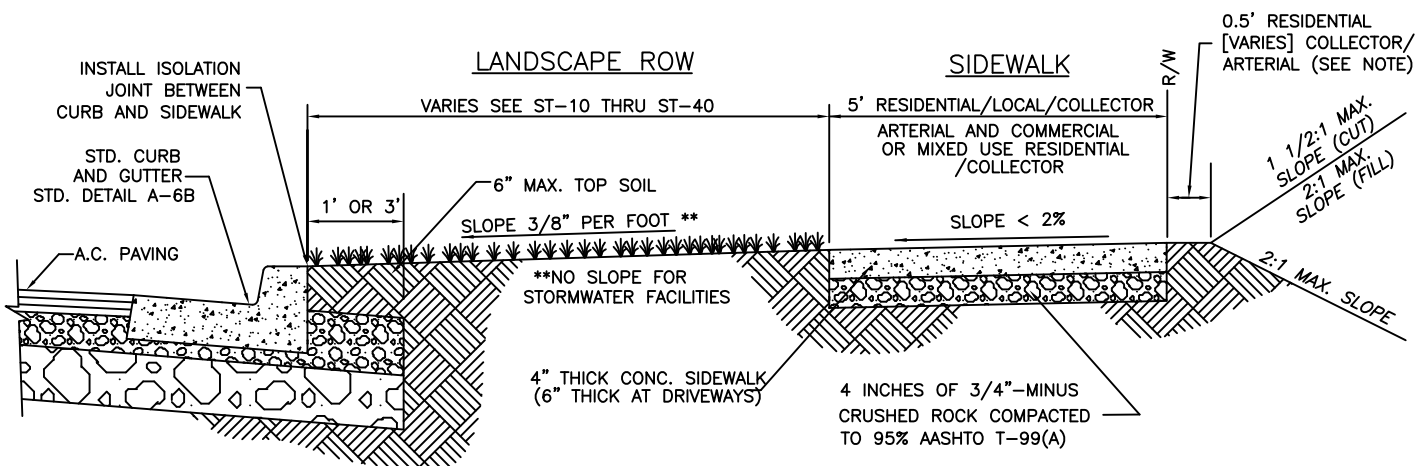
2/05/2016

A-5A

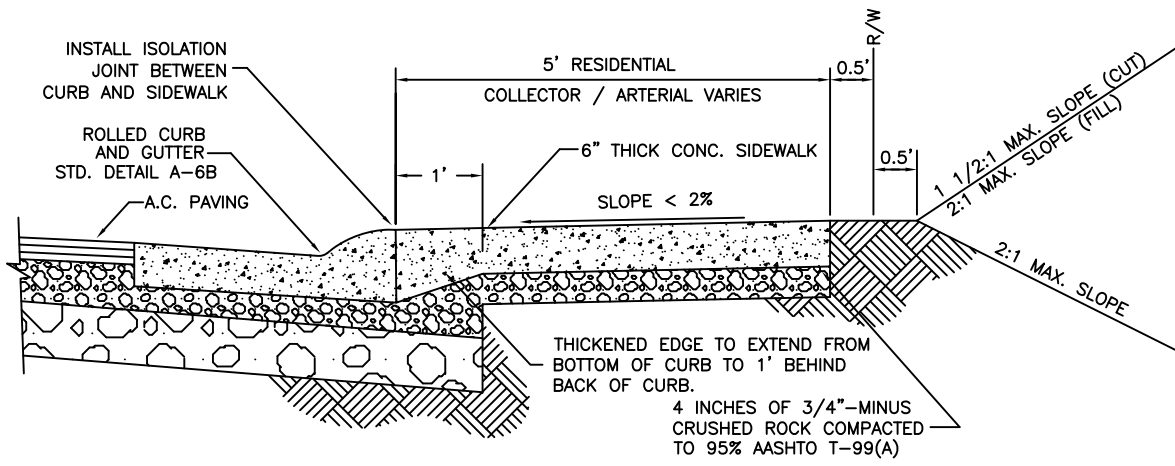
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SIDEWALK ADJACENT TO TYPE A CURB & GUTTER
LOCAL STREET ONLY



SIDEWALK WITH LANDSCAPE ROW AND TYPE A CURB & GUTTER



SIDEWALK ADJACENT TO ROLLED CURB & GUTTER

NOTES:

- ALL CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 930.00.00-PORTLAND CEMENT CONCRETE (PCC).
- ALL WORK AND MATERIALS SHALL CONFORM TO APWA/ODOT STANDARD SPECS.
- BASE ROCK MATERIAL SHALL BE 3/4"-0 CRUSHED ROCK CONFORMING SECTION 910.10.02 BASE AGGREGATE.
 - 4" MIN. THICKNESS UNDER SIDEWALKS
 - 6" MIN. THICKNESS UNDER DRIVEWAYS
- WHERE SIDEWALK IS ADJACENT TO CURB, PLACE CONSTRUCTION JOINTS IN LINE WITH CURB JOINTS (10'), AND IN BETWEEN AT 5'
- ASPHALT IMPREGNATED FELT JOINTS ARE REQUIRED AT 50 FOOT INTERVALS AND PCR'S AT STREET CORNERS.
- WHEN SIGN POST ARE PLACED OR EXIST WITHIN SIDEWALK, INSTALL A 4" PLASTIC COLLAR AT BASE TO ALLOW FOR FUTURE REPAIR/ REPLACEMENT OF SIGN POSTS.

FILE: CP-A-5B.DWG



CITY OF
CENTRAL POINT
 PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
 FOR
 PUBLIC WORKS CONSTRUCTION

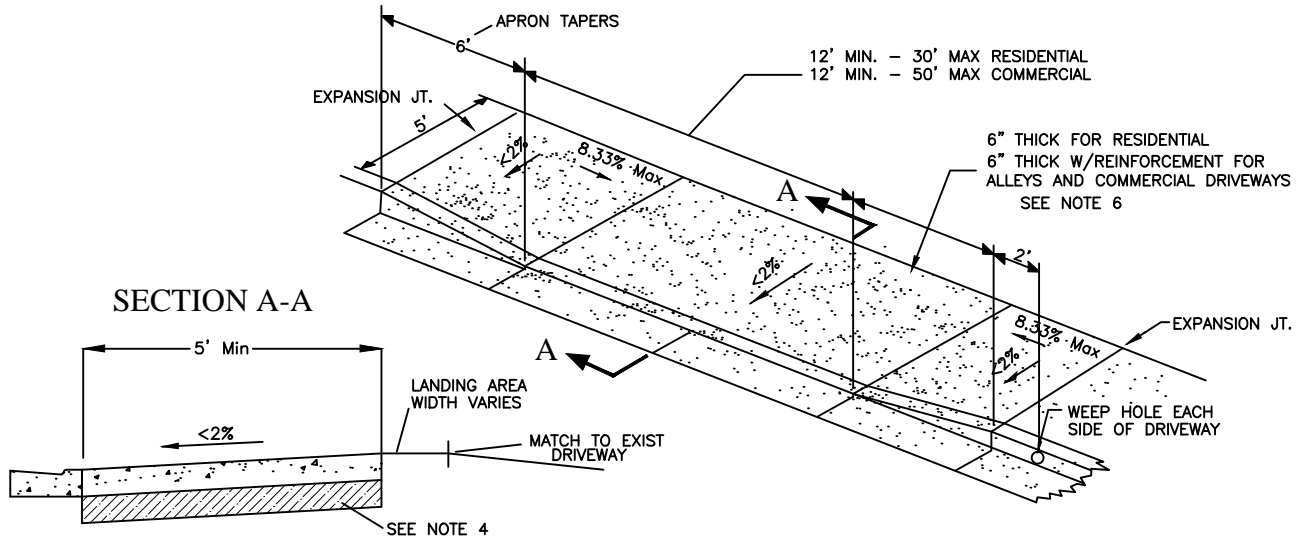
SIDEWALKS

REVISED

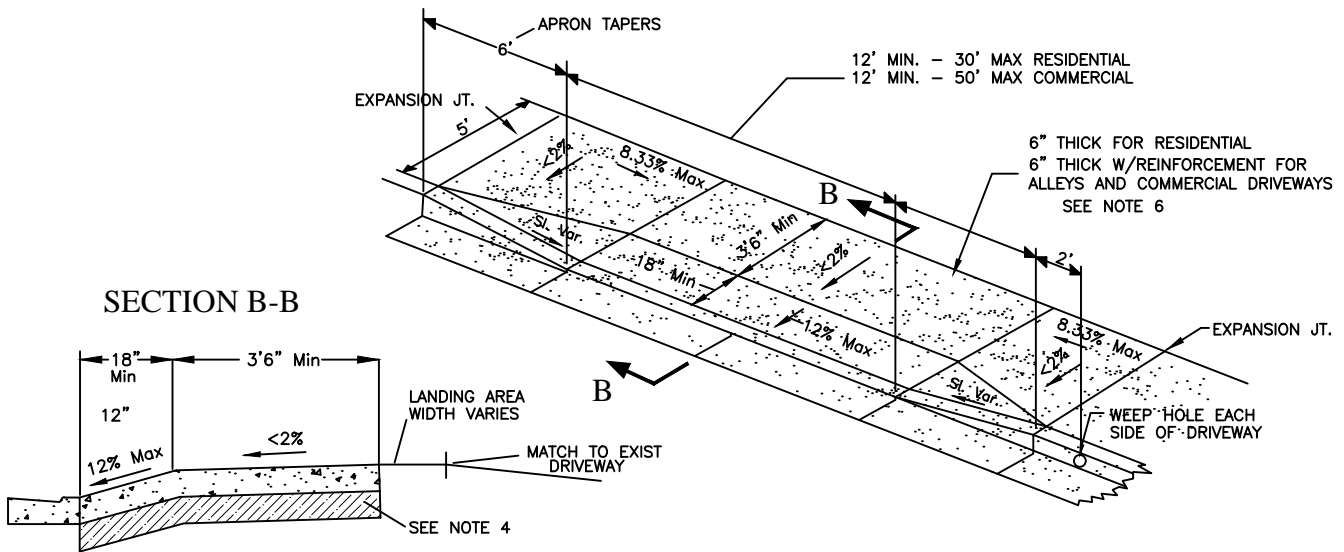
2/28/2016

A-5B

DRAWING No.



FULLY LOWERED DRIVEWAY/ ALLEY APPROACH



PARTIALLY LOWERED DRIVEWAY/ ALLEY APPROACH

NOTES:

- ALL CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 930.00.00— PORTLAND CEMENT CONCRETE (PCC).
- ALL WORK AND MATERIALS SHALL CONFORM TO APWA/ODOT STANDARD SPECS.
- RESIDENTIAL DRIVEWAYS AND SIDEWALK SECTIONS THROUGH DRIVEWAYS SHALL HAVE A NOMINAL THICKNESS OF 6" OF PCC CONCRETE.
- BASE ROCK MATERIAL SHALL BE 3/4"—0 CRUSHED ROCK CONFORMING SECTION 910.10.02 BASE AGGREGATE.
 - 4" MIN. THICKNESS UNDER SIDEWALKS
 - 6" MIN. THICKNESS UNDER DRIVEWAYS
- PCC APRONS SHALL BE JOINTED IN ACCORDANCE WITH DRAWING A-5A.
- ALL COMMERCIAL DRIVEWAYS AND ALLEYS SHALL BE MINIMUM 6" THICK WITH NO. 4 REBAR @ 16-INCH O.C. GRID

FILE: CP-A-6A.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

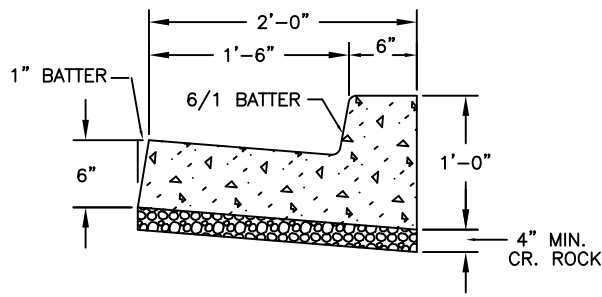
DRIVEWAY AND ALLEY APPROACHES

REVISED

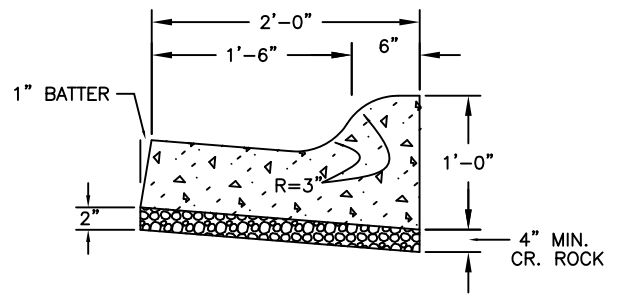
1/5/2017

A-6A

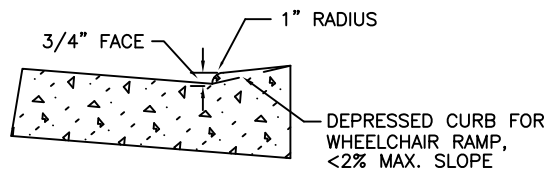
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**STANDARD
CURB AND GUTTER**

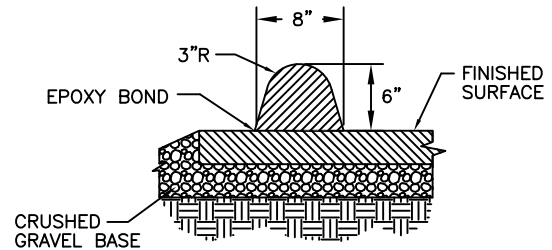


**ROLLED CURB
AND GUTTER**

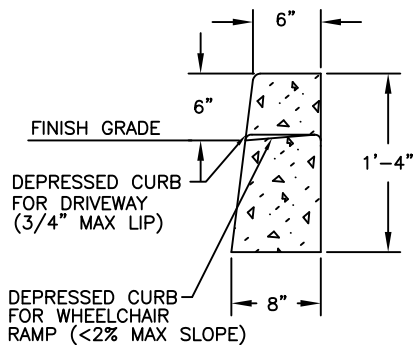


(OTHER DIMENSIONS SAME AS STANDARD CURB)

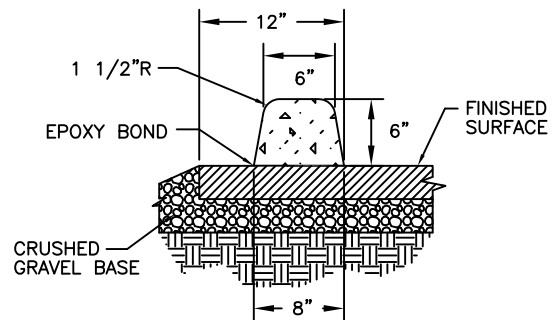
**DROPPED CURB
AT DRIVEWAYS**



**EXTRUDED AC
BONDED CURB**



STRAIGHT CURB



**EXTRUDED CONCRETE
BONDED CURB**

NOTES:

1. ALL RADII SHALL BE 3/4" EXCEPT AS OTHERWISE SHOWN.
2. ISOLATION JOINTS SHALL BE PLACED ONLY AS SPECIFIED.
3. CONTROL JOINTS SHALL BE PLACED AT 10' INTERVALS AND SHALL EXTEND AT LEAST 50% THROUGH THE CURB OR CURB AND GUTTER.
4. A CONTROL JOINT SHALL BE PLACED ALONG AND OVER WEEP HOLE THROUGH THE CURB AND THROUGH THE SIDEWALK.
5. WHEN SIDEWALKS ARE CONSTRUCTED, EXTEND 3" PIPE TO BACK OF SIDEWALK AND INSTALL COUPLING.

FILE: CP-A-6B.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

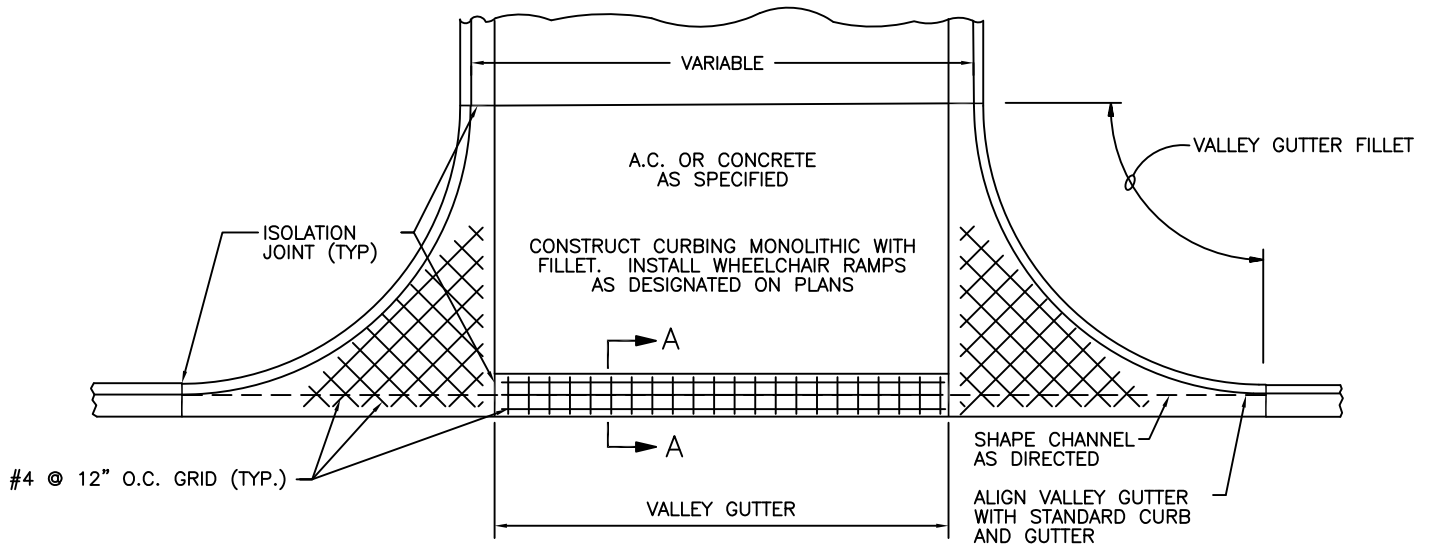
UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

REVISED DATE
2/5/2016

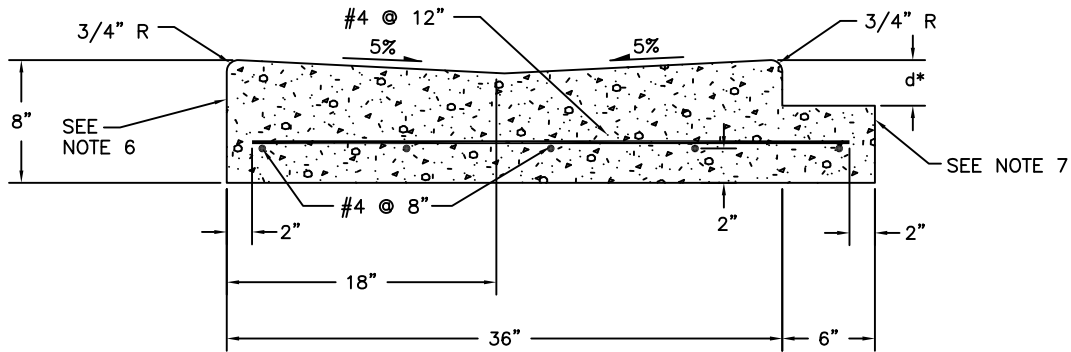
TYPICAL CURBS & GUTTERS

A-6B

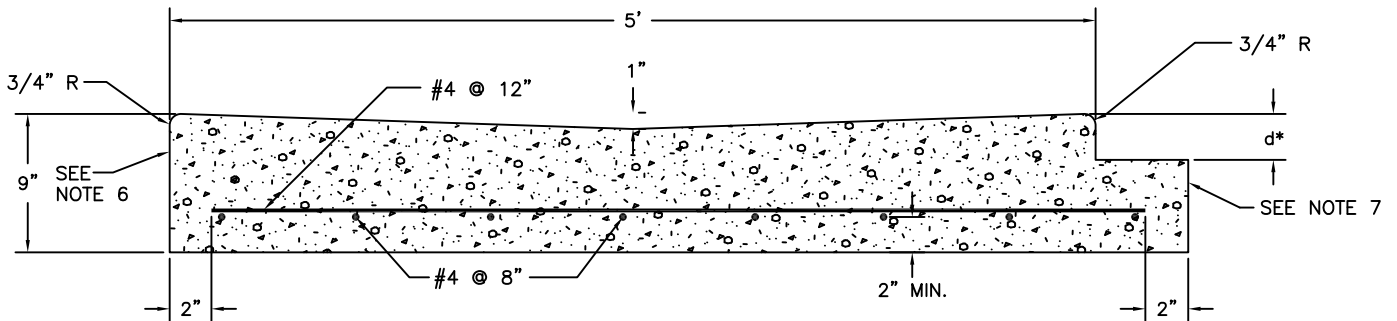
DRAWING No.



PLAN VIEW
VALLEY GUTTER ACROSS INTERSECTION



SECTION A-A SYMMETRICAL "V" TYPE GUTTER



SECTION A-A WIDE VALLEY GUTTER

NOTES:

1. d* = THICKNESS OF ASPHALT PAVING.
2. ALL CONCRETE SHALL MEET THE REQUIREMENT OF SECTION 930.00.00 - PORTLAND CEMENT CONCRETE (PCC)
3. THE TOTAL WIDTH OF THE NON-SYMMETRICAL "V" GUTTER MAY BE REDUCED TO 30" WHEN CONSTRUCTION WITH A CURB-EXTRUSION MACHINE.
4. CONSTRUCT 6" BENCH MONOLITHICALLY WITH VALLEY GUTTER TO EXTEND UNDER PAVING FOR PAVEMENT SUPPORT.
5. WHEN BENCH IS NOT REQUIRED, CONSTRUCT 1" BATTER ON VERTICAL FACE.
6. PLACE PREMOLDED FILLER AGAINST VERTICAL FACE WHERE VALLEY GUTTER ABUTS CONCRETE.
7. CONSTRUCT 6" x d DEPRESSED BENCH WHERE VALLEY GUTTER ABUTS ASPHALT PAVEMENT.
8. ORDER OF CONSTRUCTION:
 - A. CONSTRUCT VALLEY GUTTER AND TRANSITION SECTIONS.
 - B. CONSTRUCT 6" SIDEWALK ACROSS DRIVEWAY AREA.
 - C. CONSTRUCT APRON.

FILE: CP-A-7.DWG



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UNIFORM STANDARDS
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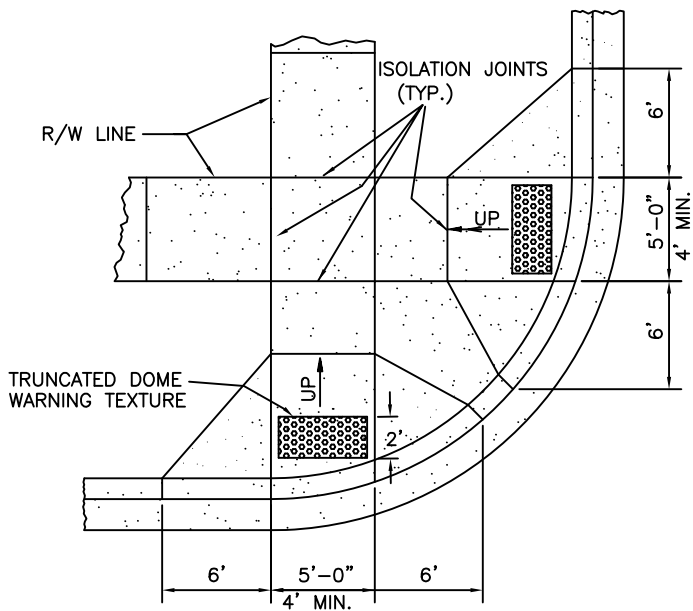
CONCRETE VALLEY GUTTER DETAILS

REVISED DATE

2/5/2016

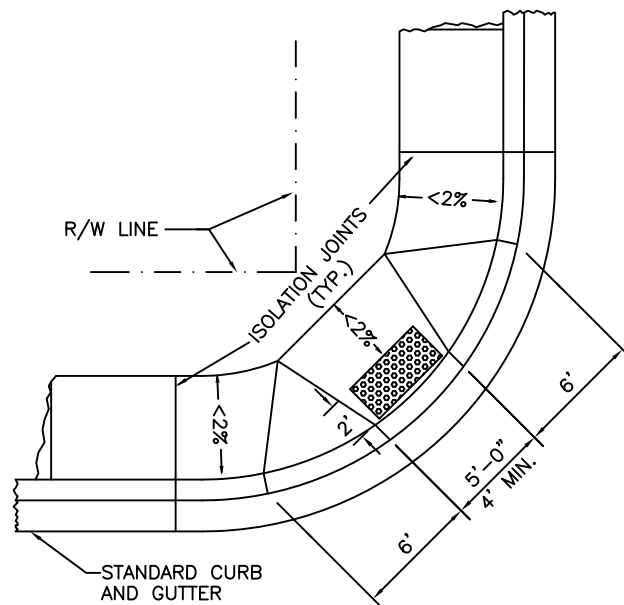
A-7

DRAWING No.



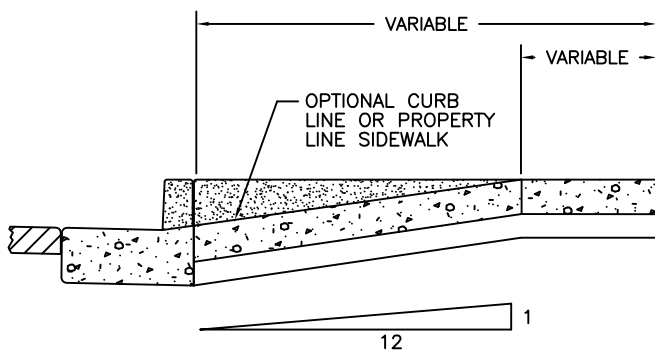
END RAMPS FOR PROPERTY LINE SIDEWALKS

(COMMERCIAL AREAS OR ARTERIAL STREETS)

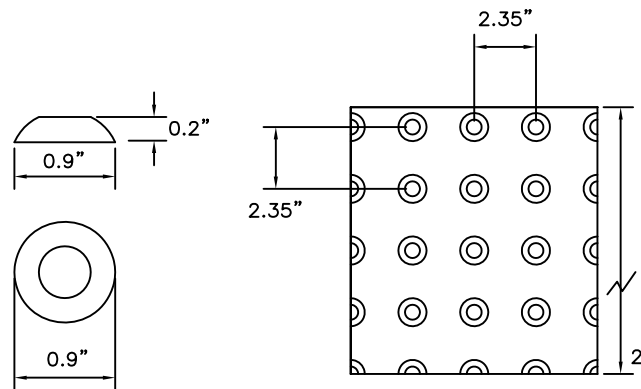


CENTER RAMP FOR CURB LINE SIDEWALK

(RESIDENTIAL AREAS)



SECTION THROUGH RAMP



TRUNCATED DOME AND RAMP TEXTURE PATTERN DETAIL

NOTES:

1. THE "AMERICANS WITH DISABILITIES ACT" REQUIRES THAT ACCESS RAMPS TO SIDEWALKS HAVE NO SLOPES GREATER THAN 12 HORIZONTAL TO 1 VERTICAL.
2. BASE ROCK MATERIAL SHALL BE 4" THICK CONFORMING TO SECTION 910.10.02 BASE AGGREGATE
3. ALL CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 930.00.00- PORTLAND CEMENT CONCRETE (PCC)

4. PLACE TRUNCATED DOME WARNING TEXTURE IN THE LOWER 2' OF THROAT OF RAMP ONLY . ARRANGE DOMES USING IN-LINE PATTERN ONLY AS SHOWN IN DETAIL. COLOR OF TEXTURE TO BE SAFETY RED.

FILE: CP-A-8.DWG



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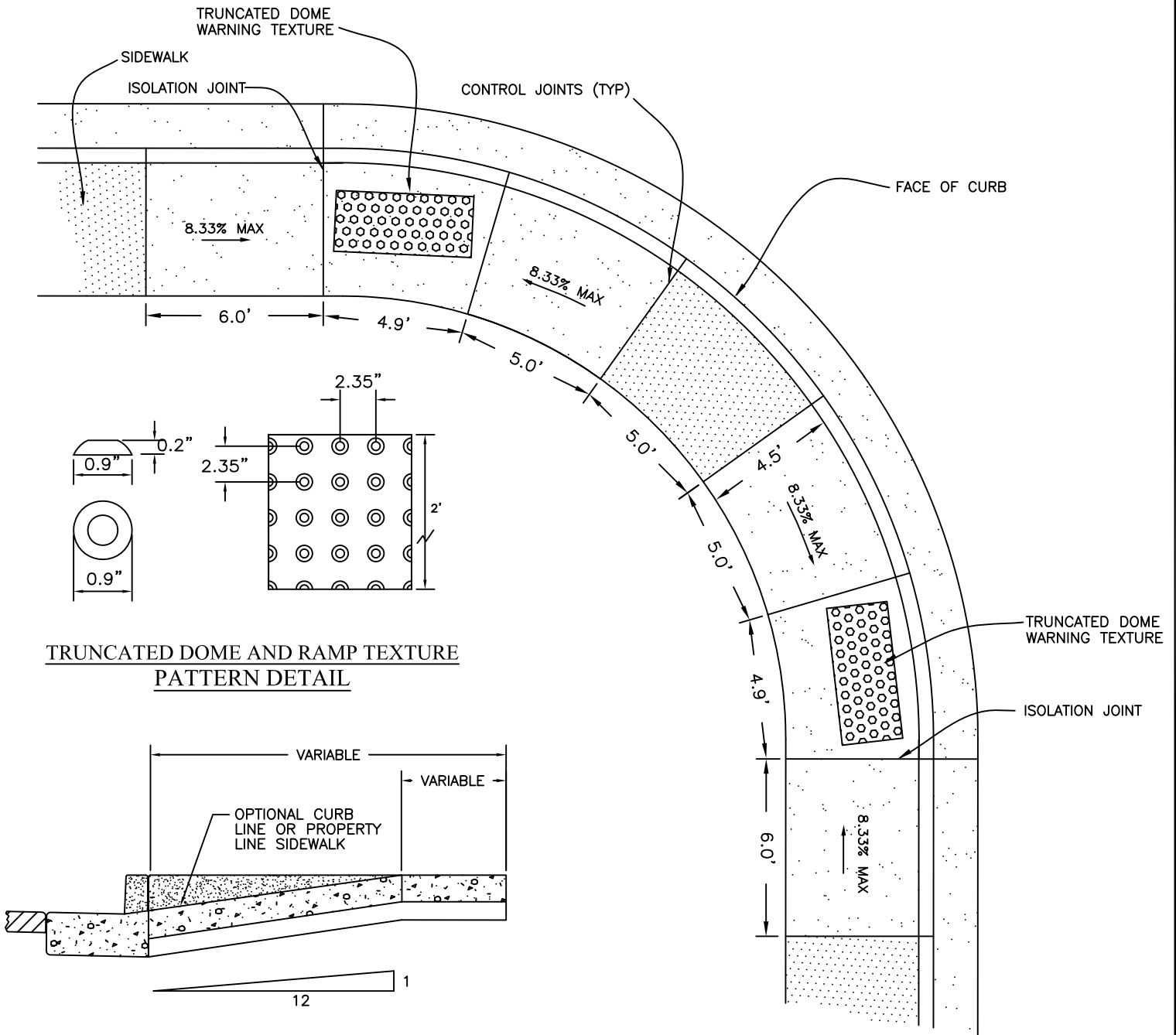
UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

REVISION DATE
2/5/2016

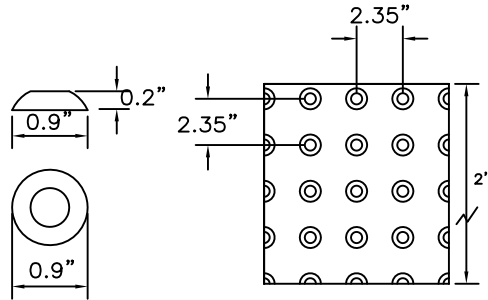
WHEELCHAIR & BICYCLE RAMPS

A-8

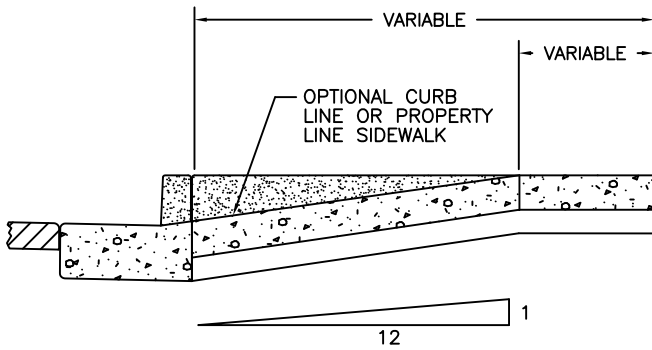
DRAWING No.



**TRUNCATED DOME AND RAMP TEXTURE
PATTERN DETAIL**



**TRUNCATED DOME AND RAMP TEXTURE
PATTERN DETAIL**



SECTION THROUGH RAMP

TYPICAL WHEELCHAIR RAMP DETAIL

NO SCALE

NOTES:

1. THE "AMERICANS WITH DISABILITIES ACT" REQUIRES THAT ACCESS RAMPS TO SIDEWALKS HAVE NO SLOPES GREATER THAN 12 HORIZONTAL TO 1 VERTICAL.
2. BASE ROCK MATERIAL SHALL BE 4" THICK CONFORMING TO SECTION 910.10.02 BASE AGGREGATE
3. ALL CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 930.00.00- PORTLAND CEMENT CONCRETE (PCC)
4. PLACE TRUNCATED DOME WARNING TEXTURE IN THE LOWER 2' OF THROAT OF RAMP ONLY . ARRANGE DOMES USING IN-LINE PATTERN ONLY AS SHOWN IN DETAIL. COLOR OF TEXTURE TO BE SAFETY RED.

FILE: CP-A-9.DWG



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UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

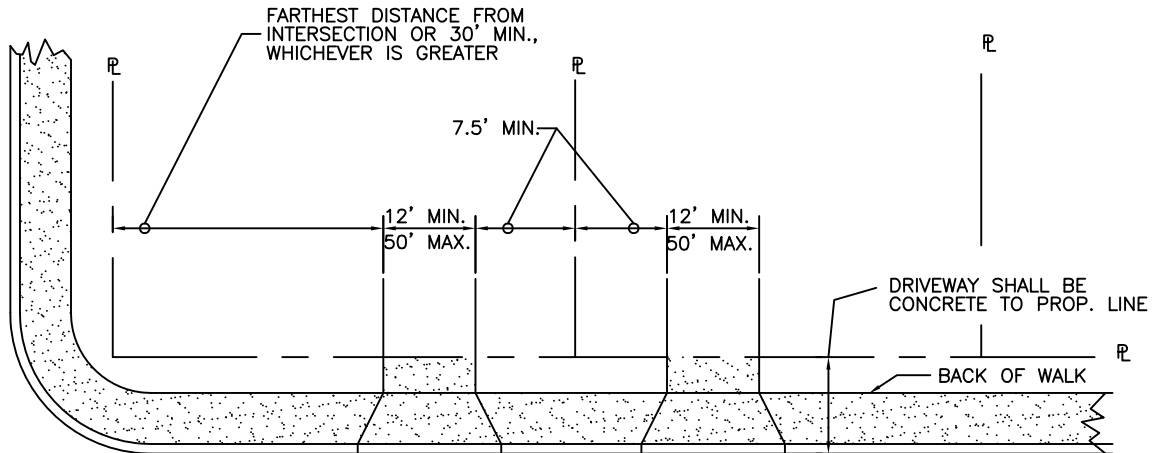
WHEELCHAIR & BICYCLE RAMP

REVISION DATE

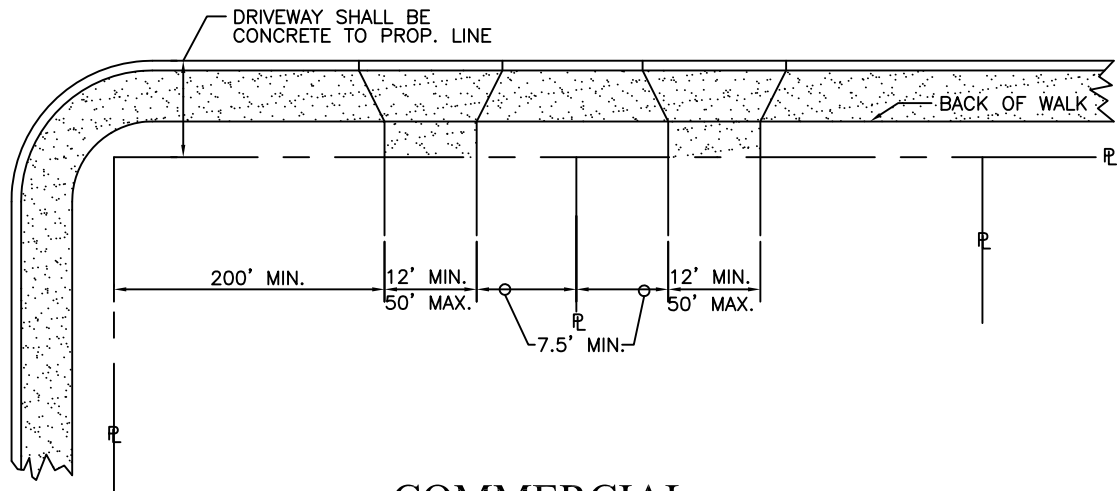
2/5/2016

A-9

DRAWING No.



SINGLE AND MULTI FAMILY



COMMERCIAL

FILE: CP-A-10.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

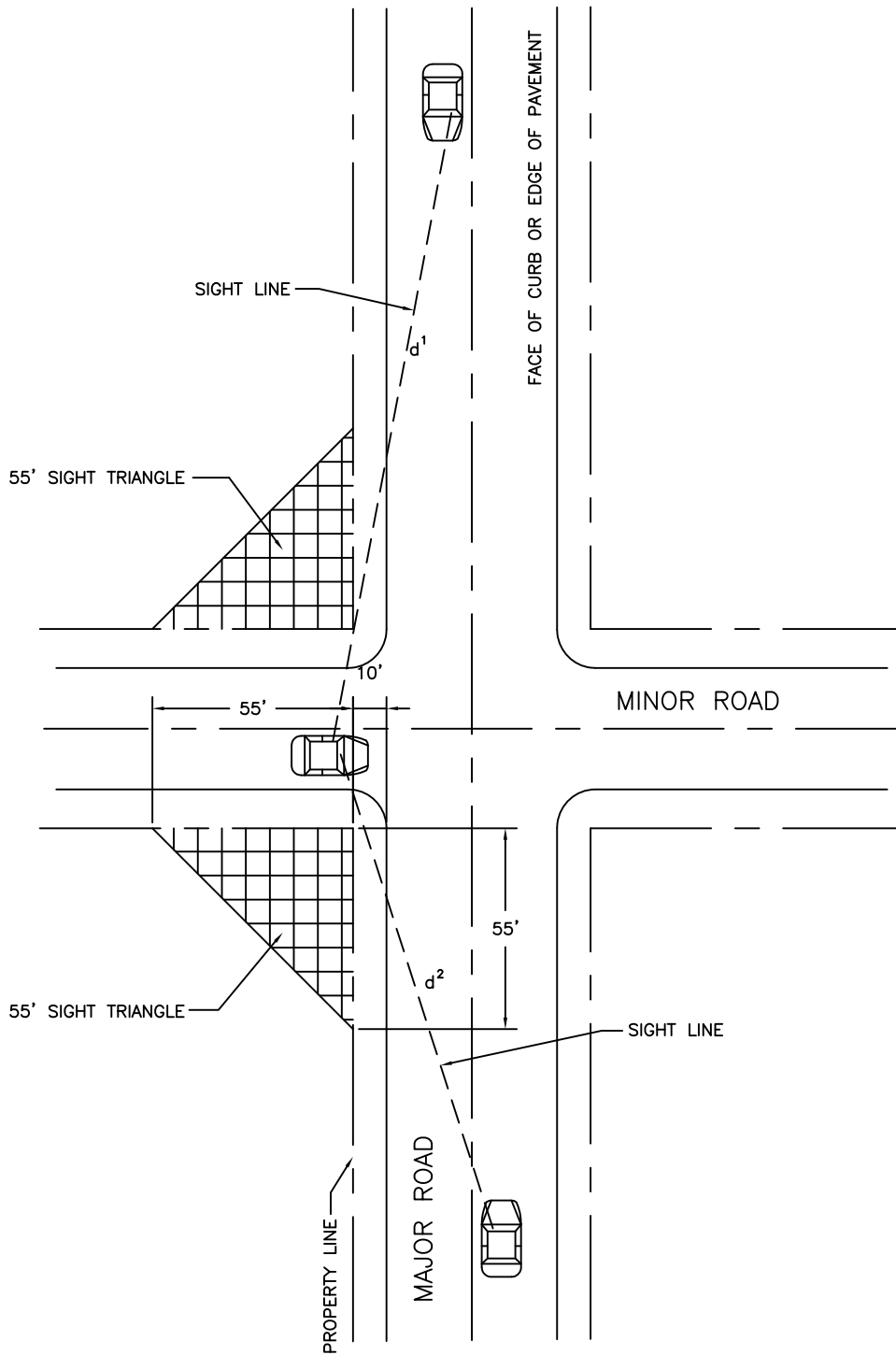
UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

MINIMUM ACCESS SPACING

CHECKED	DATE
APPROVED	DATE
REVISED	DATE

A-10

DRAWING No.



NOTE:

FOR SIGHT LINE DISTANCES d^1 AND d^2
 SEE: TABLE 300-7 "CLEAR VISION AREAS" FOR STREET TYPES IN
 CITY OF CENTRAL POINT PUBLIC WORKS STANDARD SPECIFICATIONS
 42" VERTICAL ITEMS MAY BE ALLOWED INSIDE TRIANGLE—MEASURED FROM CURB HEIGHT

FILE: CP-A-11.DWG



CITY OF
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UNIFORM STANDARDS
 FOR
 PUBLIC WORKS CONSTRUCTION
SIGHT DISTANCE

CHECKED	DATE
APPROVED	DATE
REVISED	DATE

A-11
 DRAWING No.

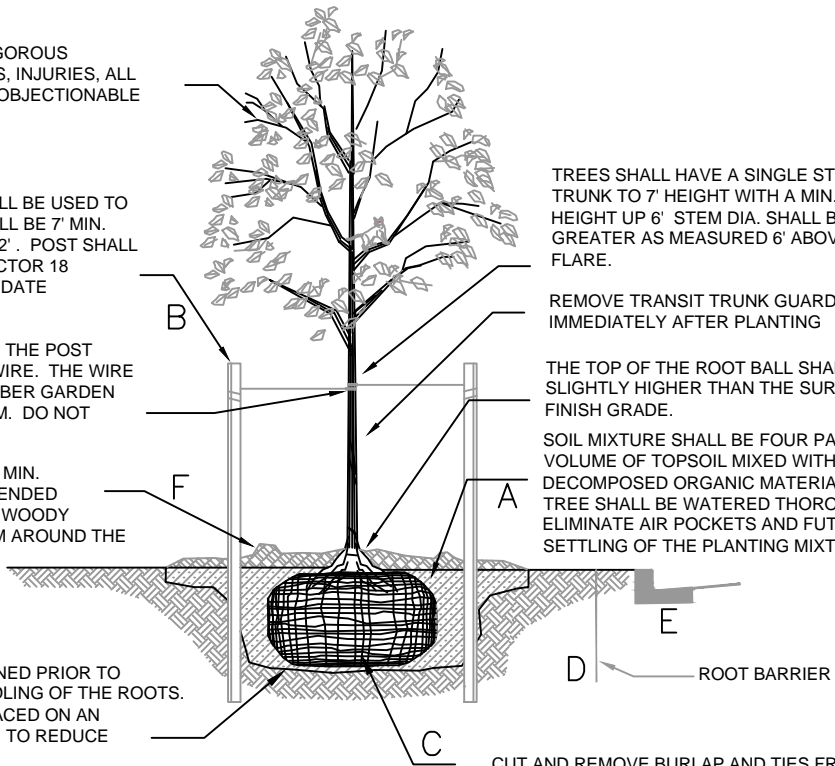
TREES SHALL BE HEALTHY, VIGOROUS AND FREE OF DECAY, DEFECTS, INJURIES, ALL FORMS OF INFESTATIONS, OR OBJECTIONABLE DISFIGUREMENT

2"x2" HARDWOOD STAKES SHALL BE USED TO SECURE THE TREE. POST SHALL BE 7' MIN. LENGTH WITH A MIN. BURY OF 2'. POST SHALL BE REMOVED BY THE CONTRACTOR 18 MONTHS FROM THE PLANTING DATE

TREES SHALL BE SECURED TO THE POST WITH 12 GAUGE SOLID CORE WIRE. THE WIRE SHALL BE COVERED WITH RUBBER GARDEN HOSE AROUND THE TREE STEM. DO NOT OVERTIGHTEN THE GUYS.

WOODY MULCH SHALL BE 2"- 4" MIN. THICKNESS AND SHALL BE EXTENDED BEYOND THE DRIP LINE. FORM WOODY MULCH INTO A WATERING BERM AROUND THE STEM.

ROOTS SHALL BE LOOSENED PRIOR TO PLANTING TO AVOID GIRDLING OF THE ROOTS. ROOT BALL SHALL BE PLACED ON AN UNDISTURBED SOIL BASE TO REDUCE SETTLEMENT.



TREES SHALL HAVE A SINGLE STRAIGHT MAIN TRUNK TO 7' HEIGHT WITH A MIN. CLEAR STEM HEIGHT UP 6'. STEM DIA. SHALL BE 1.5" OR GREATER AS MEASURED 6' ABOVE THE ROOT FLARE.

REMOVE TRANSIT TRUNK GUARDS IMMEDIATELY AFTER PLANTING

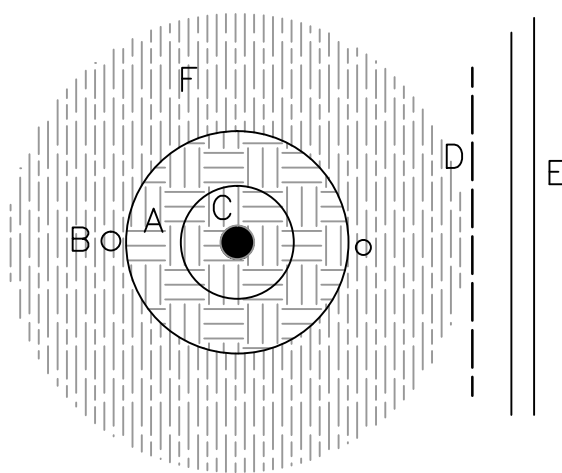
THE TOP OF THE ROOT BALL SHALL BE SLIGHTLY HIGHER THAN THE SURROUNDING FINISH GRADE.

SOIL MIXTURE SHALL BE FOUR PARTS BY VOLUME OF TOPSOIL MIXED WITH ONE PART DECOMPOSED ORGANIC MATERIALS. THE TREE SHALL BE WATERED THOROUGHLY TO ELIMINATE AIR POCKETS AND FUTURE SETTLING OF THE PLANTING MIXTURE.

CUT AND REMOVE BURLAP AND TIES FROM THE UPPER THIRD OF THE ROOT BALL. WIRE BASKETS SHALL BE CUT AND FOLDED DOWN A MIN. OF 6" BELOW THE SURFACE. PLANTING POTS SHALL BE COMPLETELY REMOVED PRIOR TO PLANTING.

PLAN VIEW

- A. AMENDED SOIL
- B. TREE STAKES
- C. ROOT BALL
- D. 24" ROOT BARRIER
- E. CURB OR IMPERVIOUS SURFACE
- F. WOODY MULCH



STREET TREE PLANTING DETAIL

NO SCALE

NOTES:

1. ALL TREES SHALL BE AN APPROVED SPECIES AND VARIETY BY THE PUBLIC WORKS DEPARTMENT.
2. ALL TREES REQUIRE INSPECTION BY THE CITY AFTER PLANTING IS COMPLETE.

FILE: CP-E-1.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

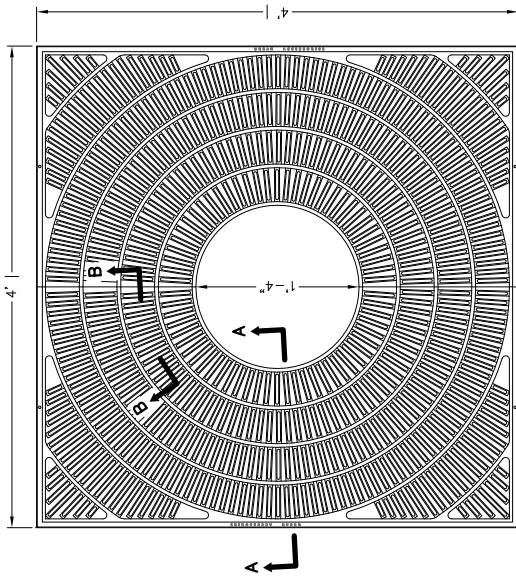
STREET TREE PLANTING DETAIL

REVISED

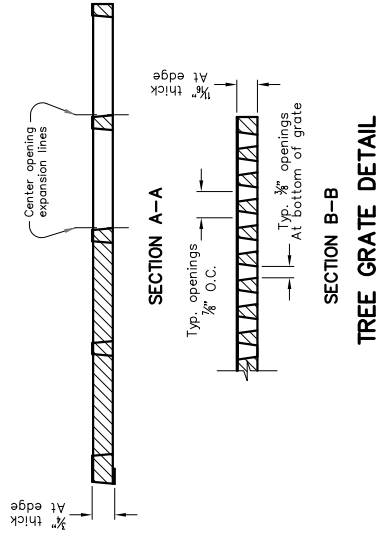
A-12

1/21/2019

DRAWING No.

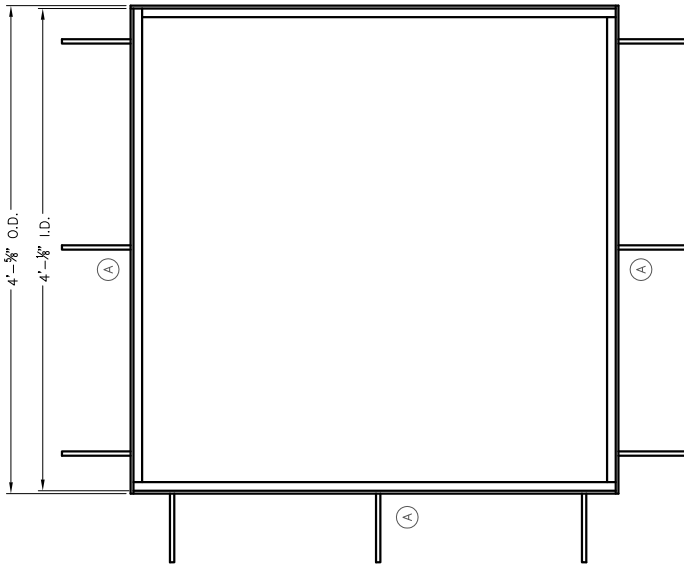


PLAN

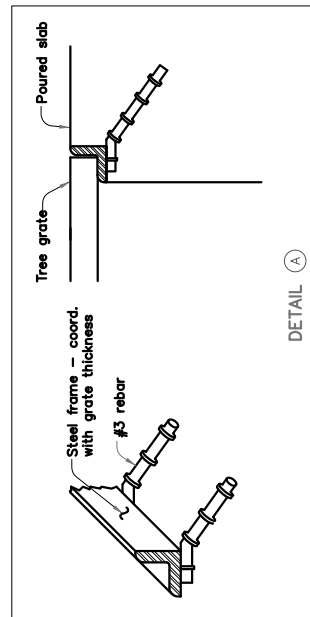


TREE GRATE DETAIL

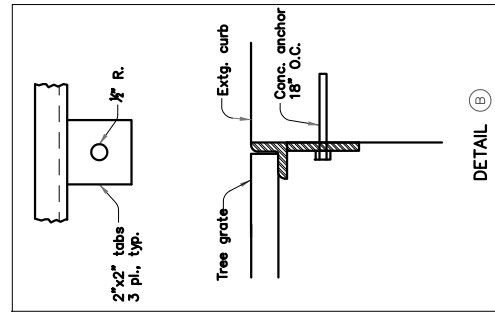
MANUFACTURE:
4' SQUARE FAN TREE GRATE
URBAN ACCESSORIES
 Founded 1972
 sales@urbanaccessories.com
 465 E. FIFTEENTH ST.
 TACOMA, WA 98421
 www.urbanaccessories.com
 (877) 487-0488



PLAN



FRAME DETAIL



DETAIL (B)

Tree Grate

NOT TO SCALE

NOTES

1. PAINT OR POWDER COATED BLACK

FILE: CP-A-13.DWG



CITY OF
CENTRAL POINT
 PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
 FOR
 PUBLIC WORKS CONSTRUCTION

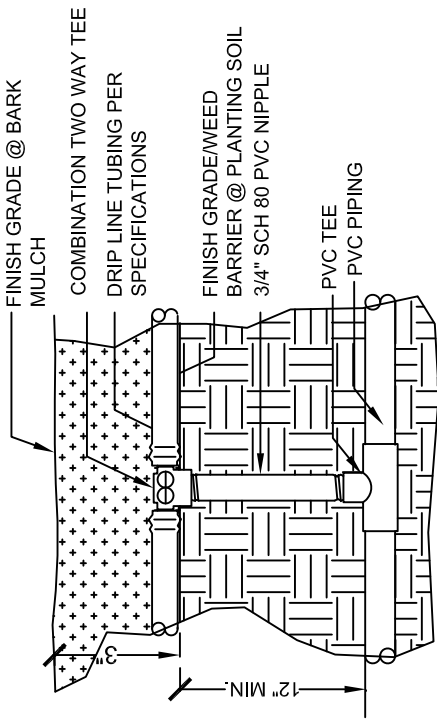
TREE GRATE

REVISED DATE

2/28/2016

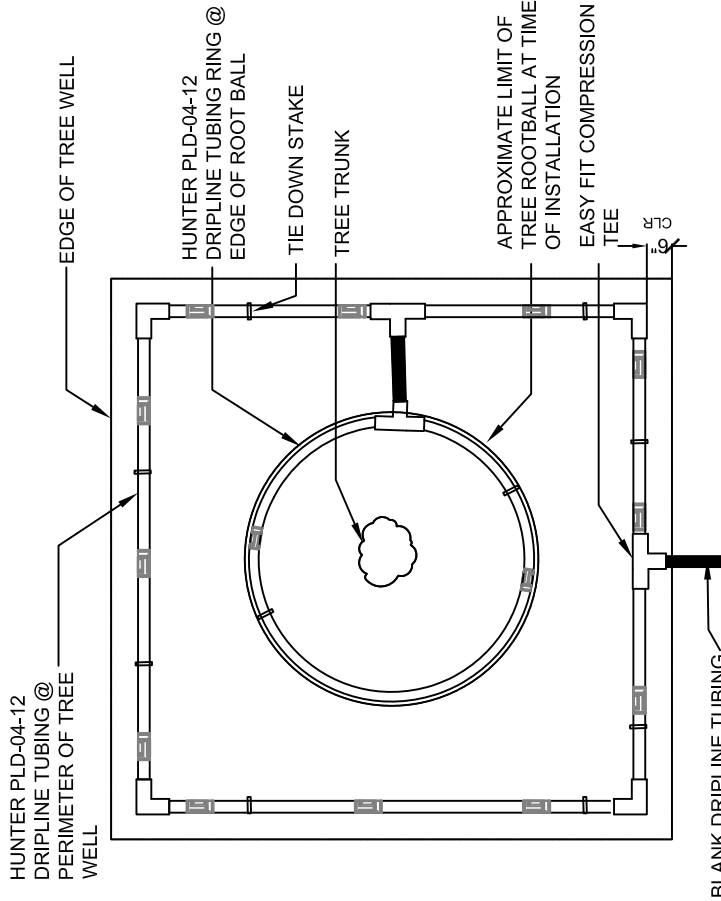
A-13

DRAWING No.



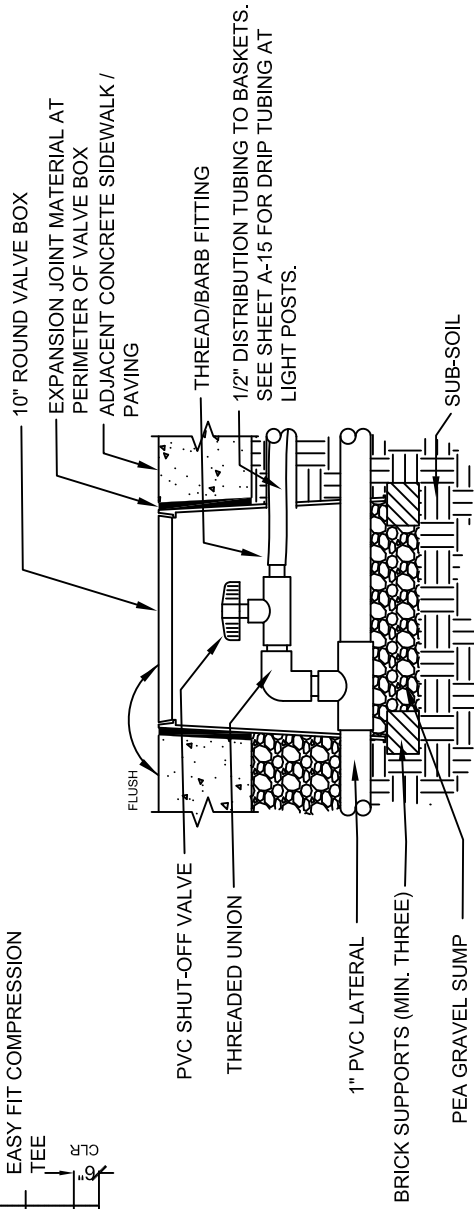
DRIP LINE SOURCE CONNECTION

NTS



DRIPLINE TUBING AT STREET TREES

NTS



DRIP ASSEMBLY TO LIGHT POST

NTS



CITY OF
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PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

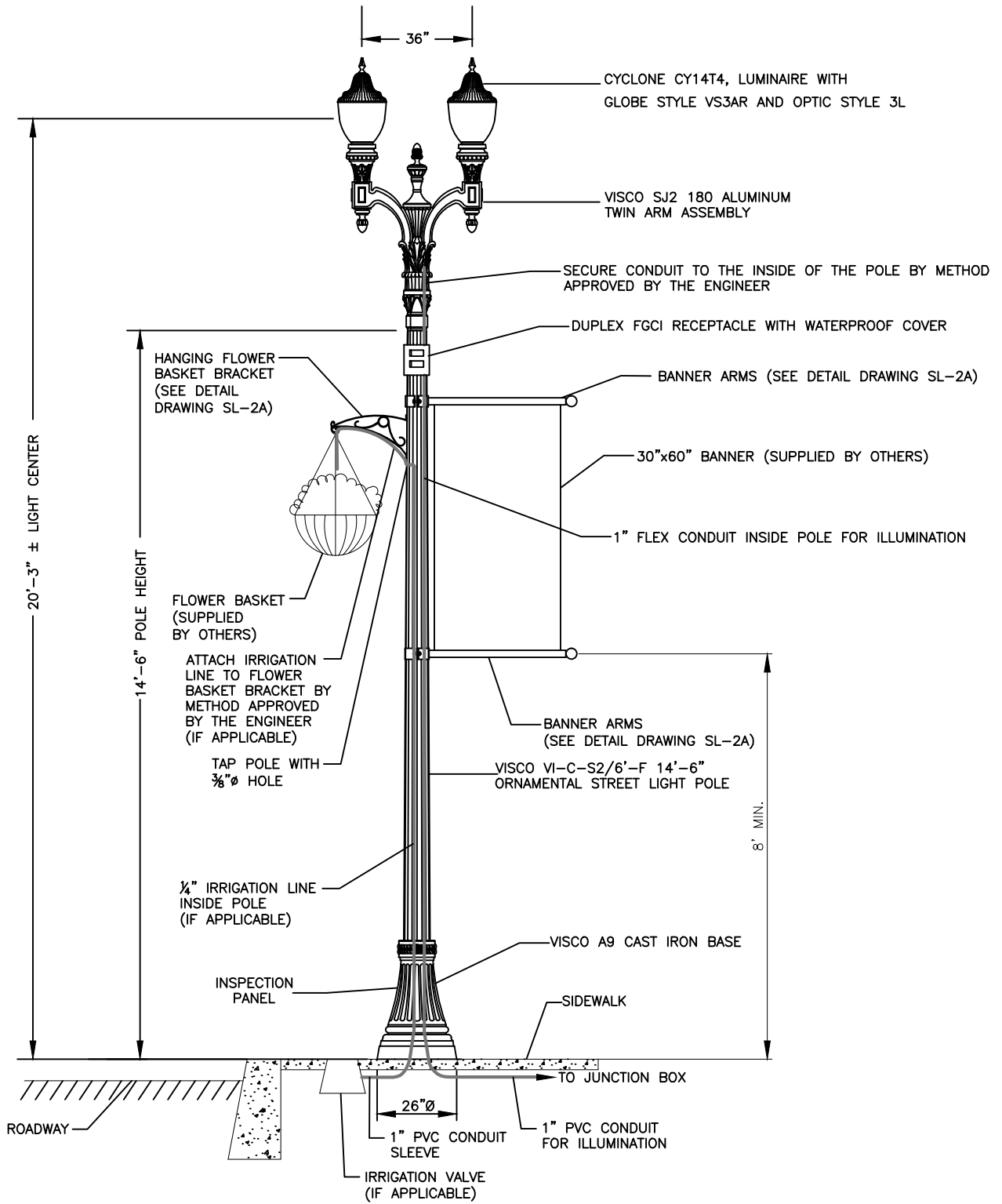
DRIPLINE DETAIL- TREETWELL

CHECKED	DATE
APPROVED	DATE
REVISED	DATE

A-14

DRAWING No.

FILE: CP-A-14.DWG



Street Light Hanging Basket / Banner

NTS

FILE: CP-A-15.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

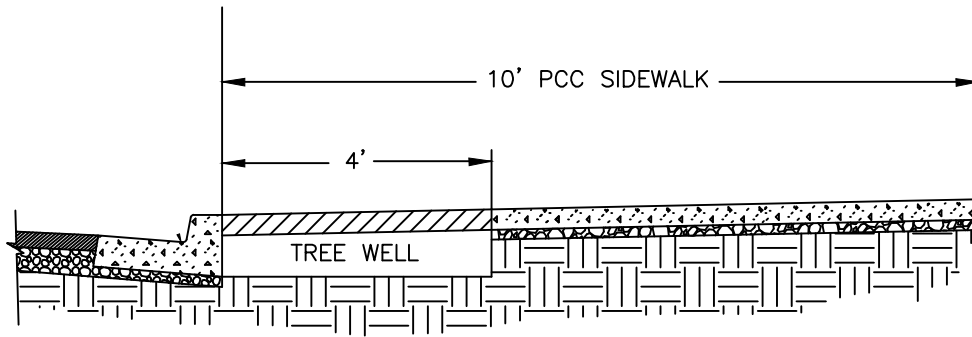
Street Light Hanging Basket / Banner

REVISED DATE

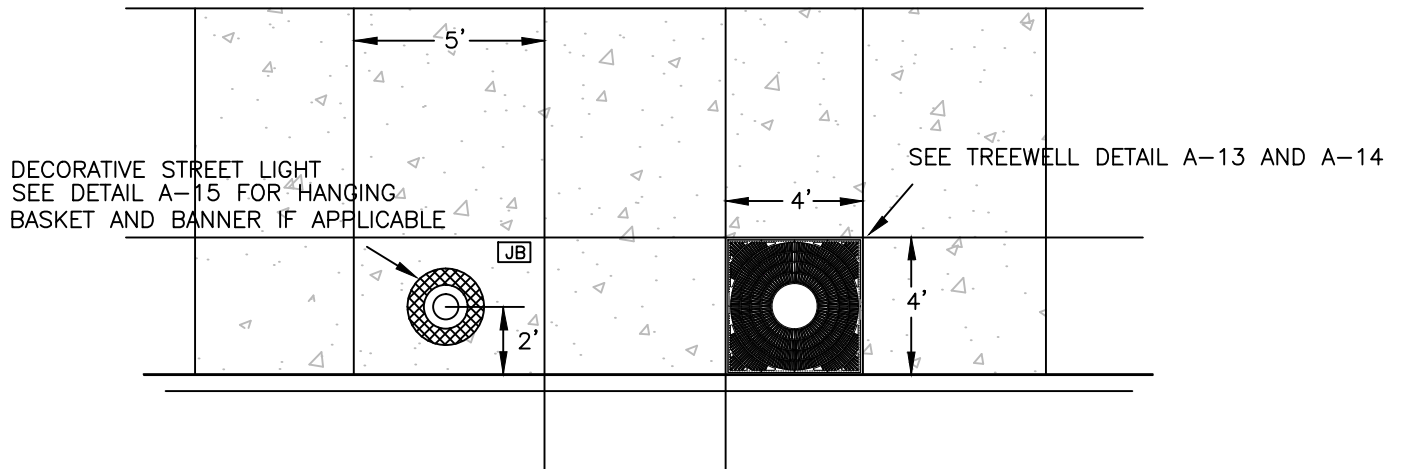
10/28/2016

A-15

DRAWING No.



SIDEWALK CROSS SECTION



PLAN VIEW

**T.O.D 10' SIDEWALK W/ TREEWELL
AND STREET LIGHT**

NOTES:

1. TREEWELLS PLACED AT APPROXIMATELY 40' INTERVALS
2. PLACE TREEWELL FRAMES AT BACK OF CURB.
3. DECORATIVE STREET LIGHTS PLACED PER TRAFFIC ENGINEERS DIRECTIONS.
4. JUNCTION BOX FOR ELECTRICAL AND IRRIGATION BOX SHOULD BE PLACED ADJACENT TO STREET LIGHT BASE.

FILE: CP-A-16.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION




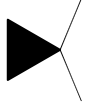
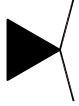
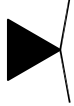
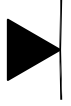
REVISED DATE

10/31/2018

A-16

T.O.D 10' SIDEWALK W/ TREEWELL AND STREET LIGHT

DRAWING No.

						
PIPE	TEES	90°	45°	30°	22 1/2°	11 1/4°
4"	1.50	2.00	1.00	---	---	---
6"	3.00	4.00	2.00	1.50	1.25	1.00
8"	4.00	5.25	3.00	2.75	2.75	2.75
10"	6.00	8.25	4.50	4.25	4.25	4.25
12"	8.50	12.00	6.50	6.25	6.25	6.25

FIGURES SHOWN ARE MIN. AREAS IN SQ. FT.

WATER MAIN THRUST BLOCKS

RESTRAINED JOINT TABLE	
PIPE DIAMETER	LENGTH OF PIPE W/ RESTRAINED JOINTS
4"	24'
6"	34'
8"	45'
10"	54'
12"	64'

NOTES:

1. IN FORMING THRUST BLOCKS, KEEP ALL CONCRETE OFF RETAINER GLANDS AND EXPOSED BOLTS, ECT.
2. THRUST BLOCKS SHALL BEAR DIRECTLY ON UNDISTURBED OR THOROUGHLY COMPACTED SOIL.
3. WHERE THRUST IS UPWARD, FITTINGS SHALL BE TIED OR ANCHORED TO THRUST BLOCKS.

FILE: CP-W-1.DWG



CITY OF
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PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION
THRUST BLOCKS

CHECKED	DATE
APPROVED	DATE
REVISED	DATE

W-1

DRAWING No.

(HORIZONTAL) BEARING AREA OF THRUST BLOCKS IN SQUARE FEET							(VERTICAL) VOLUME OF THRUST BLOCK IN CUBIC YARDS					
FITTING SIZE	TEE, WYE, DEAD END AND HYDRANT	STRADDLE BLOCK	90° BEND PLUGGED CROSS	TEE PLUGGED ON RUN		45° BEND	22-1/2° BEND	11-1/4° BEND	90° BEND	45° BEND	22-1/2° BEND	11-1/4° BEND
				A-1	A-2							
4	1.0	1.6	1.4	1.9	1.4	1.0	---	---	---	---	---	---
6	2.1	3.7	3.0	4.3	3.0	1.6	1.0	---	1.3	---	---	---
8	3.8	6.5	5.3	7.6	5.4	2.9	1.5	1.0	2.3	1.1	---	---
10	5.9	10.2	8.4	11.8	8.4	4.6	2.4	1.2	3.7	1.8	---	---
12	8.5	14.7	12.0	17.0	12.0	6.6	3.4	1.7	5.5	2.8	1.2	---
14	11.5	---	16.3	23.0	16.3	8.9	4.6	2.3	7.6	3.9	1.7	---
16	15.0	26.1	21.3	30.0	21.3	11.6	6.0	3.0	9.9	5.1	2.3	0.9
18	19.0	---	27.0	38.0	27.0	14.6	7.6	3.8	---	---	---	---
20	23.5	40.8	33.3	47.0	33.3	18.1	9.4	4.7	---	---	---	---
24	34.0	58.8	48.0	68.0	48.0	26.2	13.6	6.8	---	---	---	---

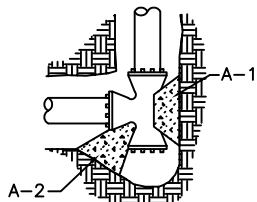
NOTES:

1. ABOVE BEARING AREAS BASED ON TEST PRESSURE OF 150 PSI AND AN ALLOWABLE SOIL BEARING STRESS OF 2000 POUNDS PER SQUARE FOOT. TO COMPUTE BEARING AREAS FOR DIFFERENT TEST PRESSURES AND SOIL BEARING STRESSES, USE THE FOLLOWING EQUATION:

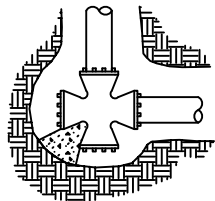
$$\text{BEARING AREA} = (\text{TEST PRESSURE} / 150) \times (2000 / \text{SOIL BEARING STRESS}) \times (\text{TABLE VALUE})$$

2. ABOVE VOLUMES BASED ON TEST PRESSURE OF 150 PSI AND THE WEIGHT OF CONCRETE = 4050 POUNDS PER CUBIC YARD. TO COMPUTE FOR DIFFERENT TEST PRESSURES, USE THE FOLLOWING EQUATION:

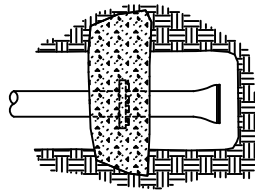
$$\text{VOLUME} = (\text{TEST PRESSURE} / 150) \times (\text{TABLE VALUE})$$



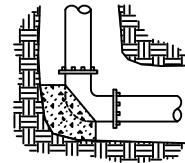
TEE



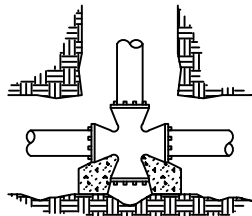
CROSS



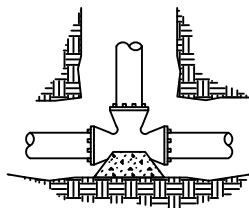
STRADDLE BLOCK



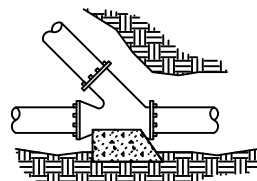
BEND



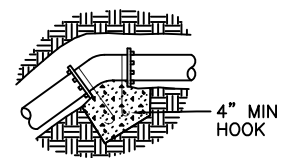
CROSS



TEE



WYE



VERTICAL BEND

NOTES:

1. CONCRETE BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH.
2. ALL CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 930.00.00- PORTLAND CEMENT CONCRETE (PCC)
3. INSTALL 8 MIL POLYETHYLENE MEMBRANE BETWEEN PIPE AND/OR FITTINGS BEFORE POURING CONCRETE BLOCKING.
4. CONCRETE SHALL BE KEPT CLEAR OF ALL JOINTS AND ACCESSORIES.
5. TIE RODS SHALL BE DEFORMED GALVANIZED COLD ROLLED STEEL, 40000 PSI TENSILE STRENGTH.

RODS FOR VERTICAL BENDS		
FITTING SIZE	ROD SIZE	EMBEDMENT
12" AND LESS	#6	30"
14"-16"	#8	36"

FILE: CP-W-2.DWG



CITY OF
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UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

THRUST BLOCKING

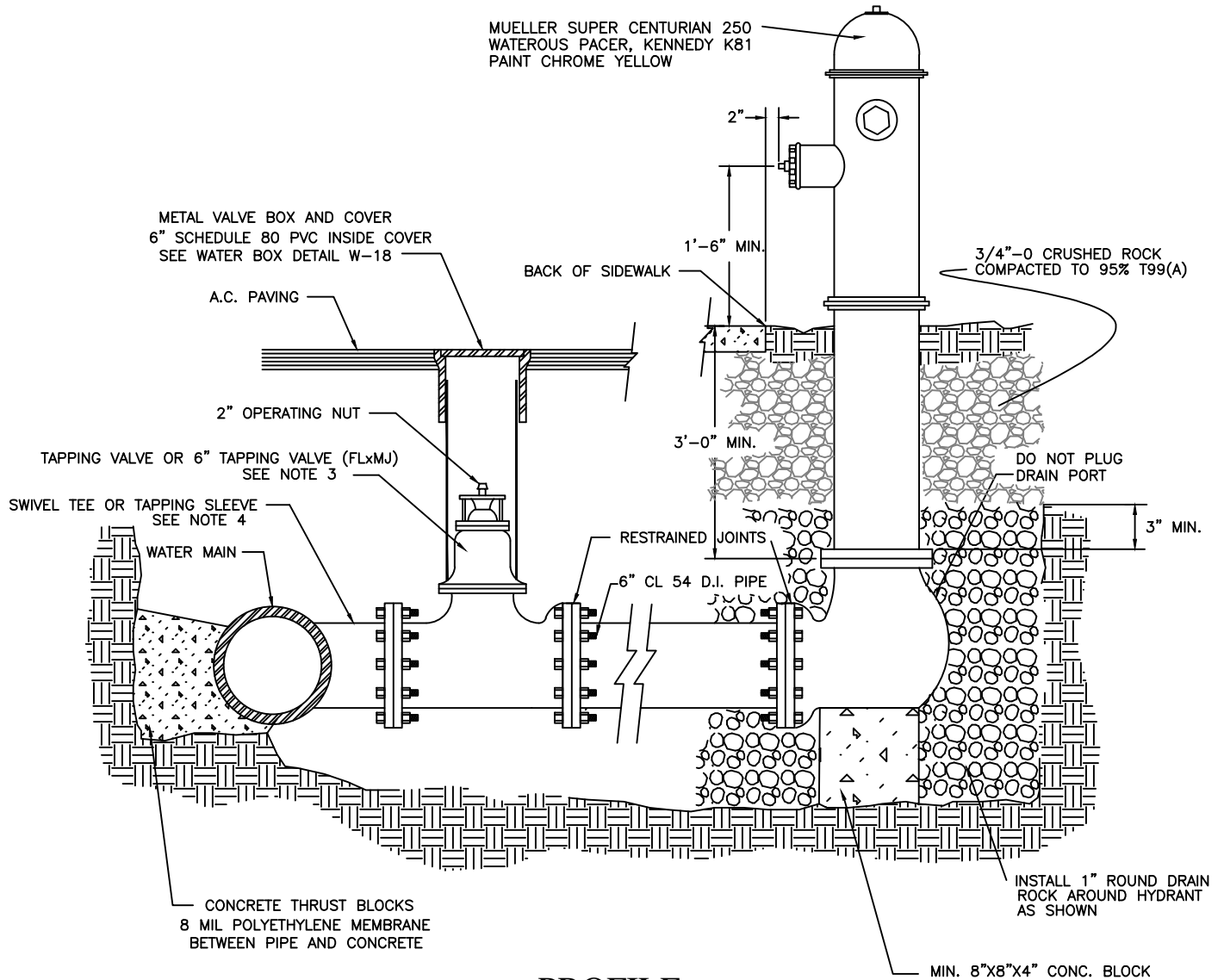
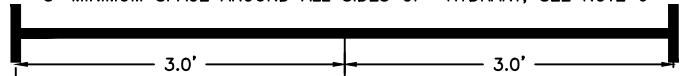
REVISED DATE

2/5/2016

W-2

DRAWING No.

3' MINIMUM SPACE AROUND ALL SIDES OF HYDRANT, SEE NOTE 6



PROFILE

NOTES:

1. A MIN. OF 3-FEET OF CLEAR SPACE SHALL BE MAINTAINED AT ALL TIMES AROUND HYDRANT INCLUDING PLANTER AREA.
2. AN OFFSET WILL BE REQUIRED TO USE A STANDARD 3'-6" BURY HYDRANT WHEN THE WATER MAIN HAS GREATER THAN 3-FEET OF COVER.
3. FOR WET TAP, USE FLANGE x MJ TAPPING VALVE. FOR DRY CONNECTIONS, USE MJxMJ GATE VALVE.
4. FOR WET TAP, USE TAPPING SLEEVE WITH FLANGE CONNECTION. FOR DRY CONNECTIONS, USE A MJ SWIVEL TEE.
5. THRUST BLOCK REQUIRED AT BACK OF FH IF JOINTS ARE NOT RESTRAINED
6. REQUIRED BY FIRE DIST. #3

FILE: CP-W-3.DWG



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PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

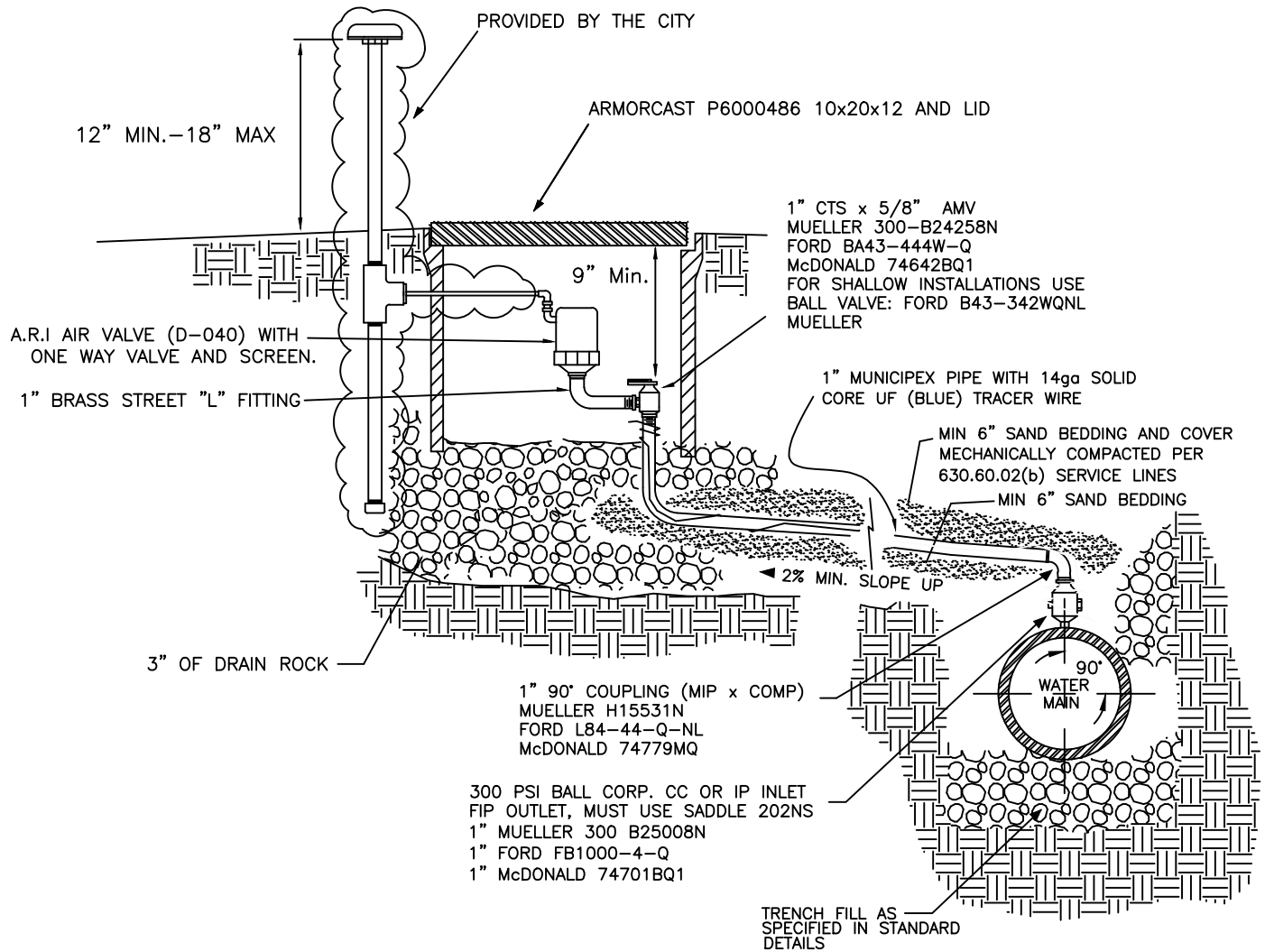
FIRE HYDRANT

REVISED DATE

2/05/2016

W-3

DRAWING No.



AIR RELIEF VALVE

NOTES

1. TOP OF METER BOX SHALL BE FLUSH WITH FINISH GRADE.
SURROUNDING AREA SHALL BE GRADED TO DRAIN AWAY FROM BOX
2. PIPE AND VALVE SIZES SHALL BE SPECIFIED FOR
EACH PROJECT BY THE ENGINEER.
3. AIR-RELEASE AND VALVE ASSEMBLIES SHALL BE
INSTALLED AT HIGH POINTS.
4. 1" AIR RELIEF VALVE FOR WATER MAINS LESS THAN 30"
2" AIR RELIEF VALVE FOR WATER MAINS GREATER THAN 30."
5. MUNICIPEX PIPE SHALL BE INSTALLED WITH 2% (MIN)
GRADE RISING FROM CORP STOP TO ANGLE STOP.
6. PACKED JOINTS NOT ALLOWED ON CORP STOPS OR ANGLE STOPS.

FILE: CP-W-4.DWG



CITY OF
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PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

REVISED DATE

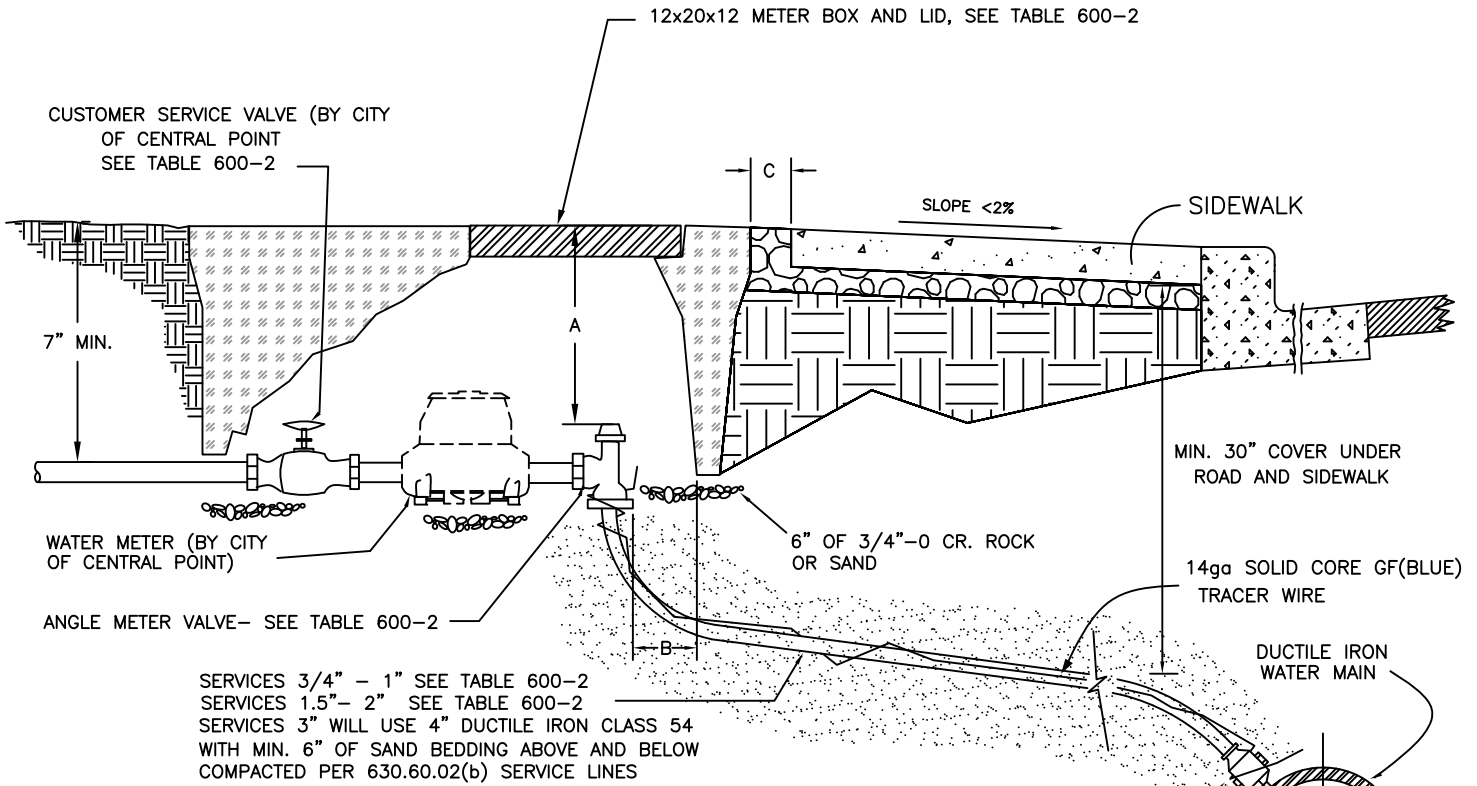
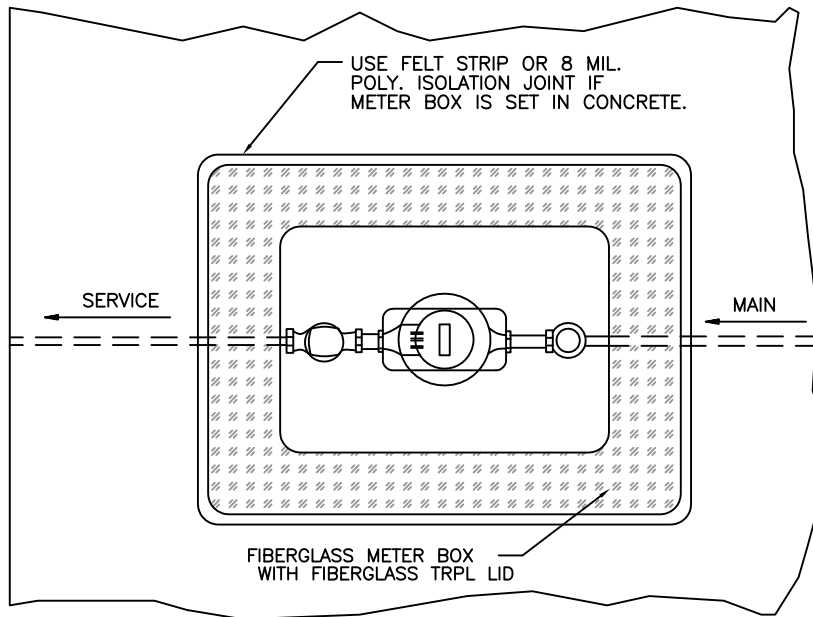
10/28/2016

W-4

AIR RELIEF VALVE

DRAWING No.

PLAN
NO SCALE



PROFILE

NO SCALE

NOTES:

1. SET METER BOX 2" BEHIND CURB OR SIDEWALK AND TO CORRECT GRADE
2. BACK FLOW DEVICES MAY BE REQUIRED IN SOME INSTANCES. OWNERS TO SUBMIT PLAN FOR CITY APPROVAL.
3. METER BOXES SET IN DRIVEWAYS SHALL HAVE TRAFFIC LIDS.
4. CATHODIC PROTECTION REQUIRED WHEN SOIL PH OR CONDITIONS DICTATE, AS REQUIRED BY PUBLIC WORKS.
5. LIVE TAPS SHALL BE MADE BY CITY

METER BOX CLEARANCES

METER SIZE	A	B	C
3/4"	8"	2"	2"
1"	8"	2"	2"
1.5"	8"	3"	2"
2.0"	8"	3"	2"

FILE: CP-W-5.DWG



CITY OF
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UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

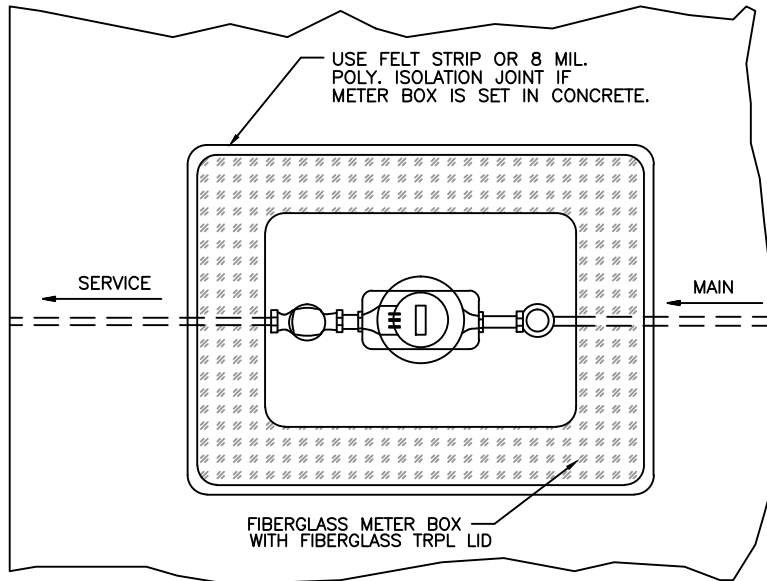
WATER SERVICE CONNECTION DETAIL

REVISED DATE

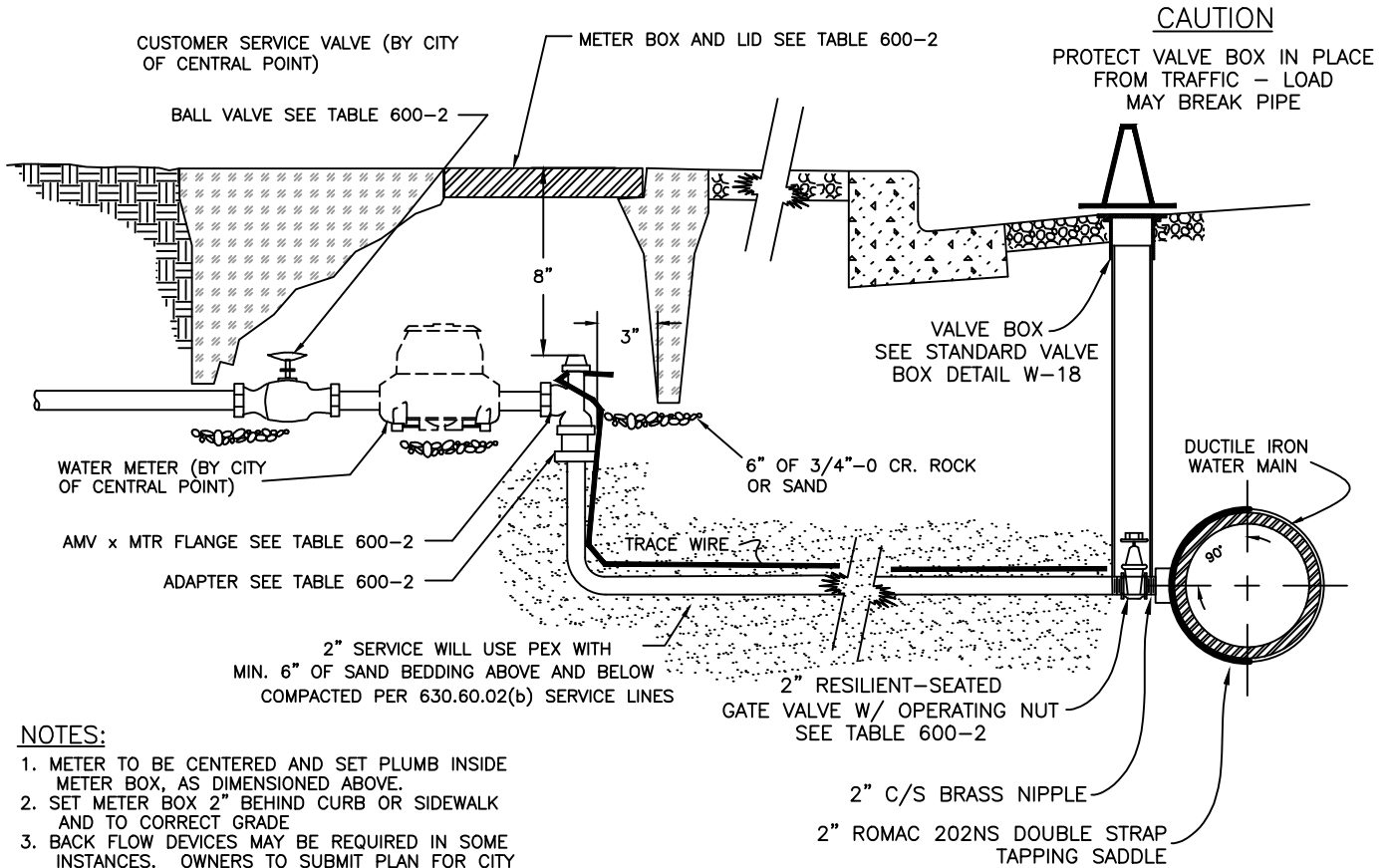
2/05/2016

W-5

DRAWING No.



PLAN
NO SCALE



NOTES:

1. METER TO BE CENTERED AND SET PLUMB INSIDE METER BOX, AS DIMENSIONED ABOVE.
2. SET METER BOX 2" BEHIND CURB OR SIDEWALK AND TO CORRECT GRADE
3. BACK FLOW DEVICES MAY BE REQUIRED IN SOME INSTANCES. OWNERS TO SUBMIT PLAN FOR CITY APPROVAL.
4. METER BOXES SET IN DRIVEWAYS SHALL HAVE TRAFFIC LIDS.
5. PACK JOINTS NOT ALLOWED

1.5" WATER SERVICE CONNECTION DETAIL

FILE: CP-W-6.DWG



CITY OF
CENTRAL POINT
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UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

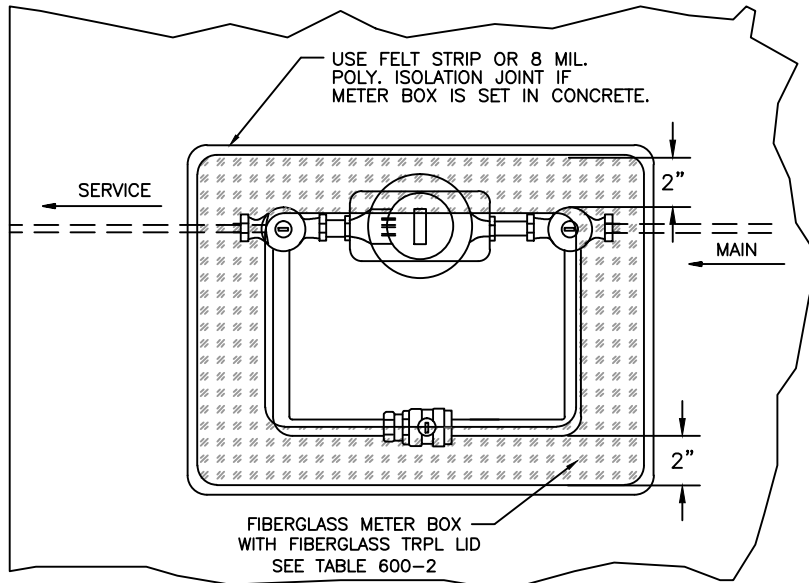
1.5" WATER SERVICE CONNECTION DETAIL

REVISED DATE

5/15/2019

W-6

DRAWING No.

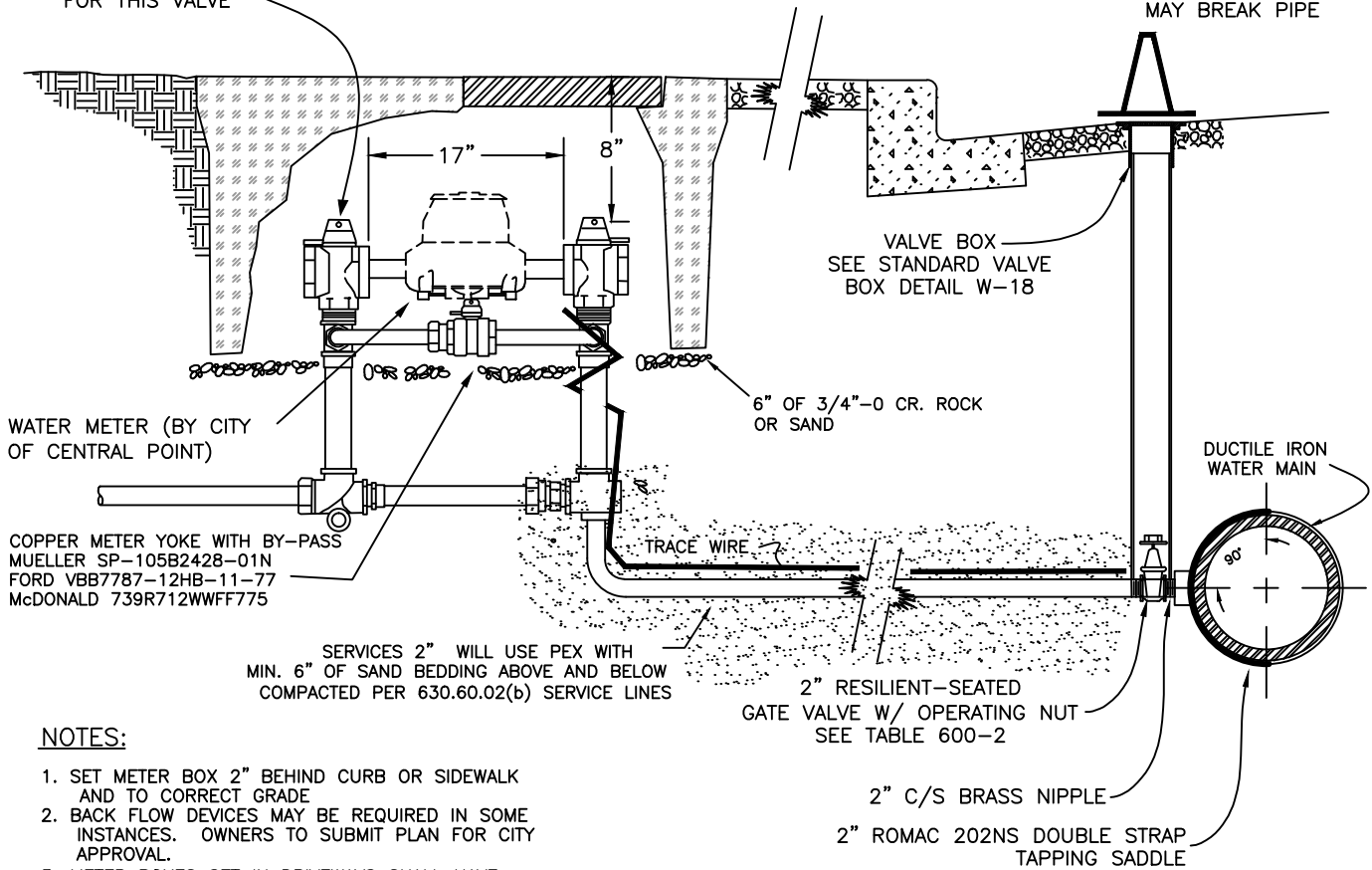


PLAN
NO SCALE

CAUTION

PROTECT VALVE BOX IN PLACE FROM TRAFFIC - LOAD MAY BREAK PIPE

CONTRACTOR TO SUPPLY HANDLE FOR THIS VALVE



NOTES:

1. SET METER BOX 2" BEHIND CURB OR SIDEWALK AND TO CORRECT GRADE
2. BACK FLOW DEVICES MAY BE REQUIRED IN SOME INSTANCES. OWNERS TO SUBMIT PLAN FOR CITY APPROVAL.
3. METER BOXES SET IN DRIVEWAYS SHALL HAVE TRAFFIC LIDS.
4. PACK JOINTS NOT ALLOWED

2" WATER SERVICE CONNECTION DETAIL

FILE: CP-W-6A.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

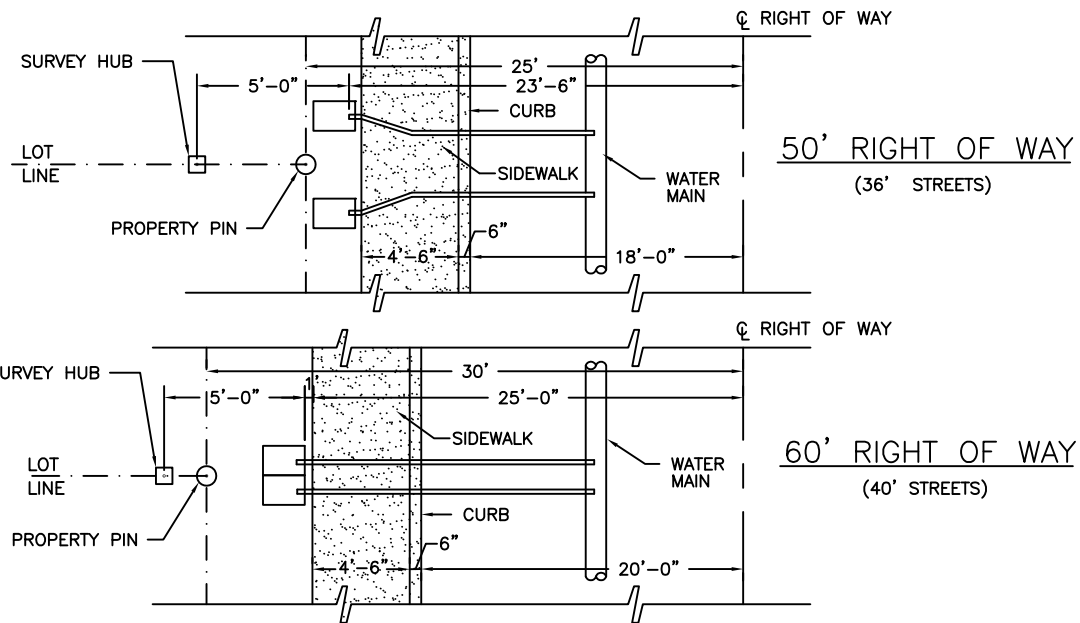
2" WATER SERVICE CONNECTION DETAIL

REVISED DATE

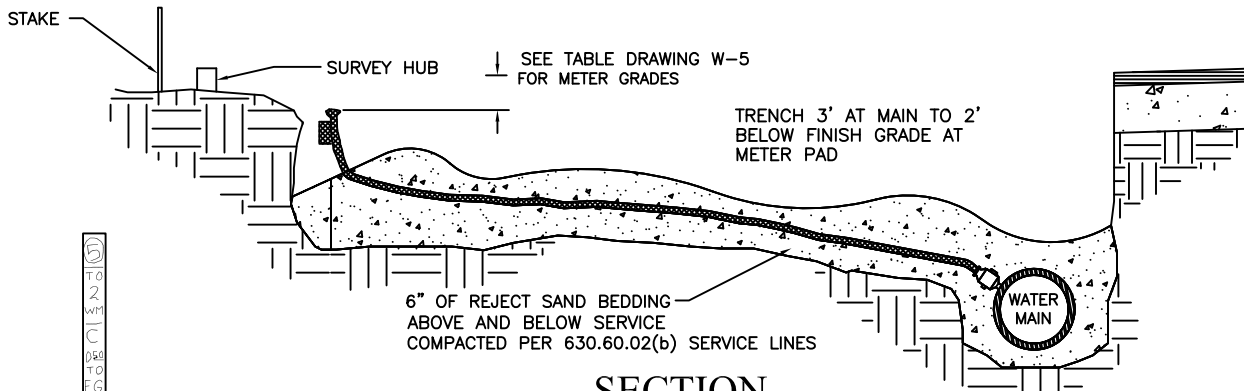
5/15/2019

W-6A

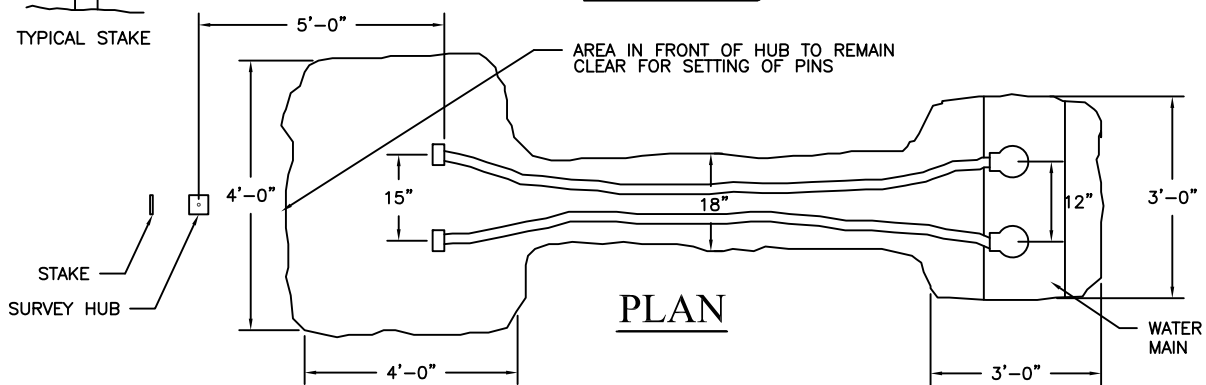
DRAWING No.



PLAN - WATER METER LOCATIONS



SECTION



PLAN

WATER METER TRENCH DETAIL

NOTES:

1. FOR RIGHT OF WAY AND STREET WIDTHS OTHER THAN THOSE SHOWN, CONTACT CITY OF CENTRAL POINT PUBLIC WORKS DEPARTMENT.
2. CONTRACTOR SHALL STAMP "W" ON TOP OF THE CURB DIRECTLY OVER THE SERVICE.
3. WATER METER STAKE TO GIVE OFFSET, NUMBER OF METERS, AND CUT OR FILL TO FINISH GRADE (SEE TYPICAL STAKE).
4. PROTECTION OF EXISTING PROPERTY CORNERS IS CONTRACTORS RESPONSIBILITY.

FILE: CP-W-7.DWG



CITY OF
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PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

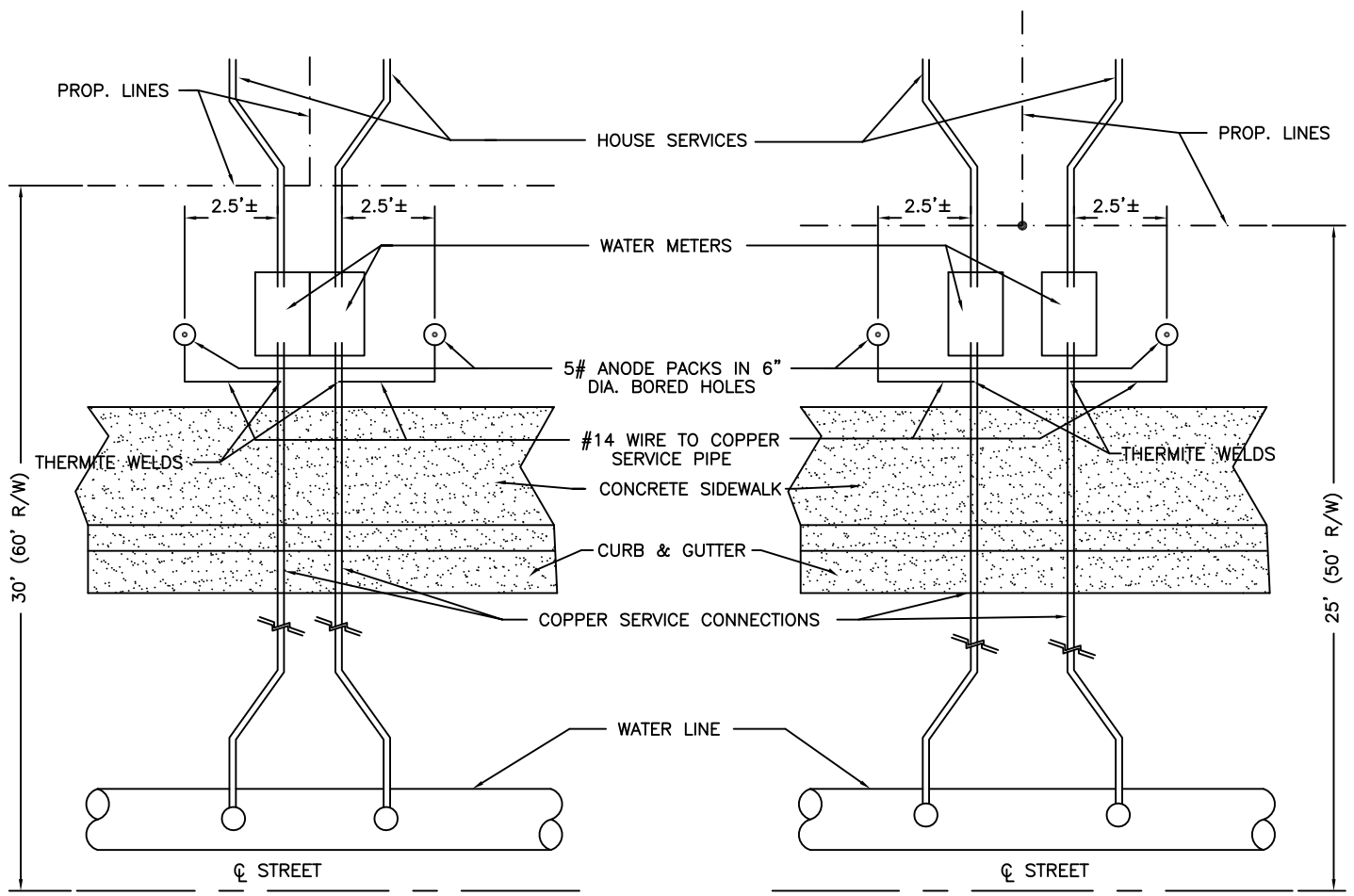
WATER SERVICE CONNECTION

REVISED DATE

2/05/2016

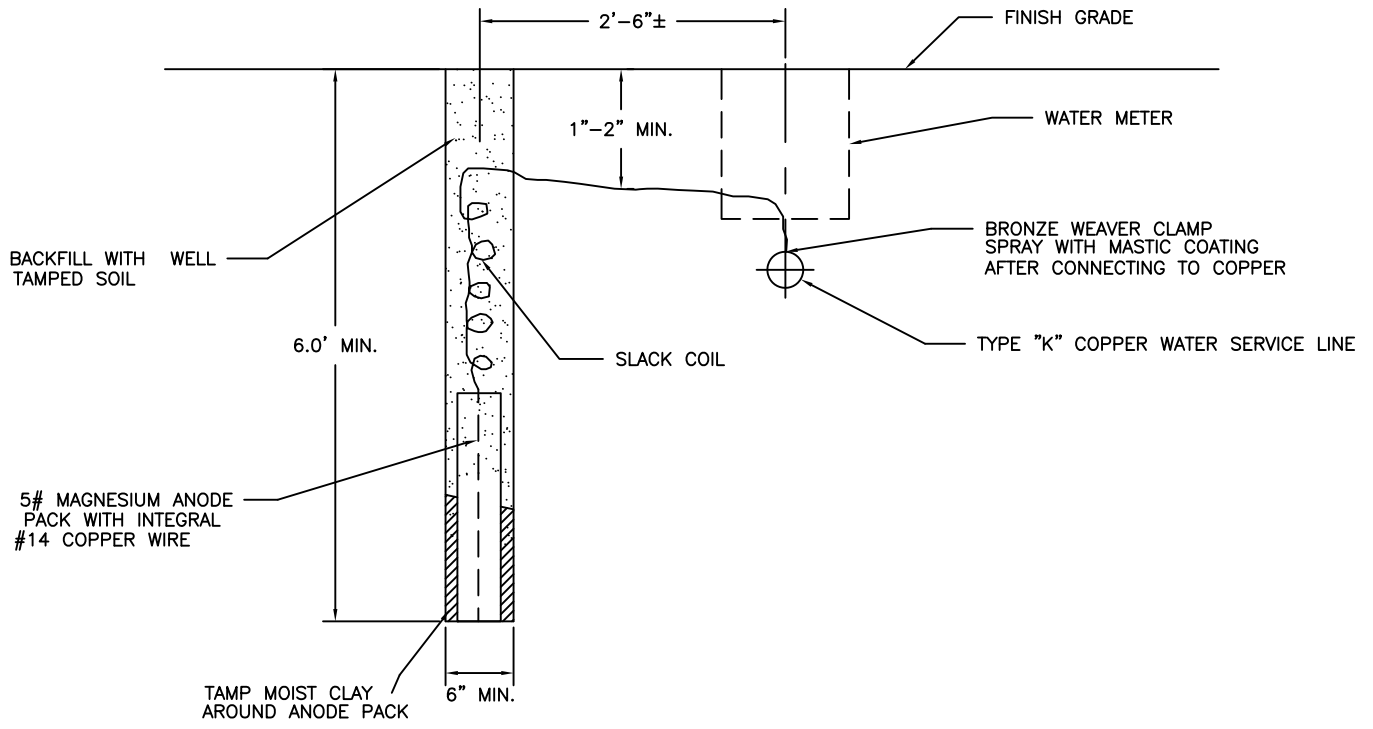
W-7

DRAWING No.



TYP. PLAN AT 40' STREETS

TYP. PLAN AT 36' STREETS

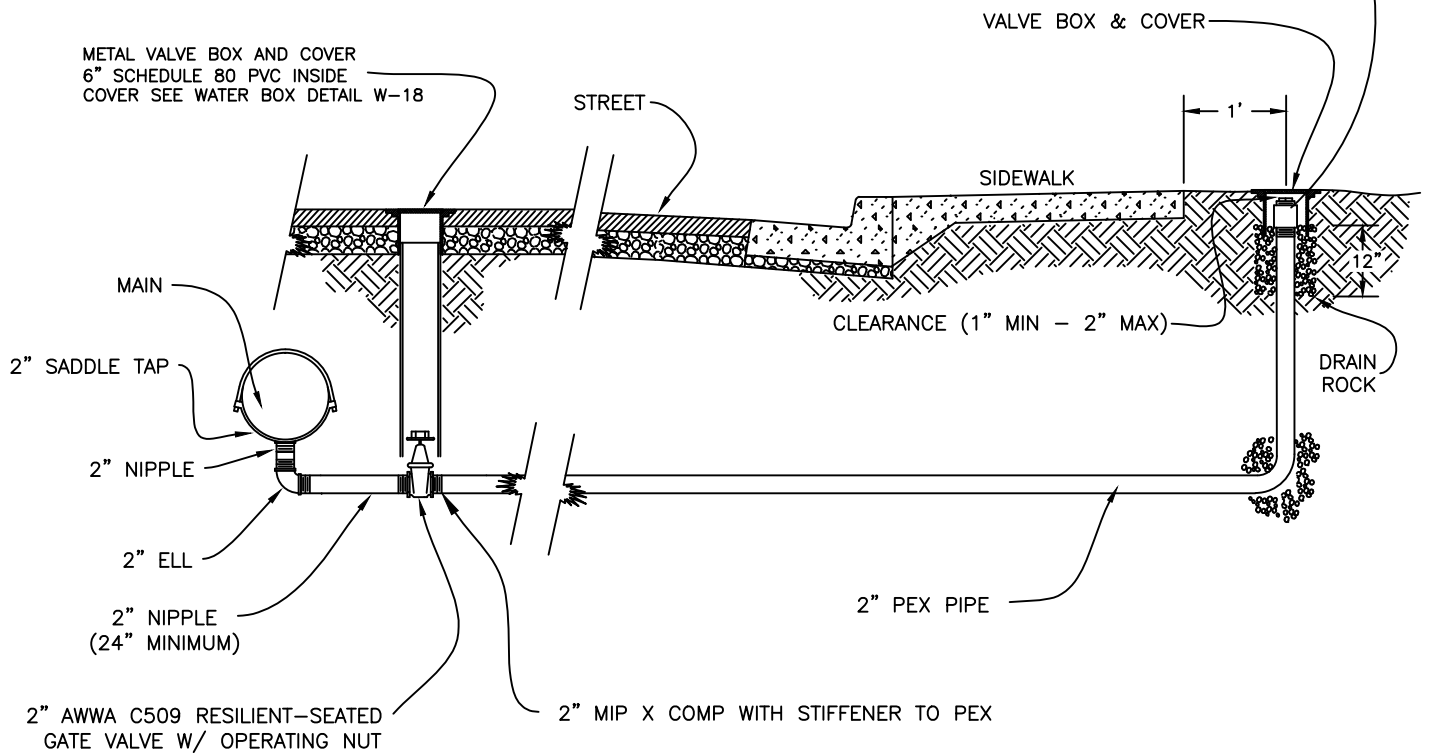
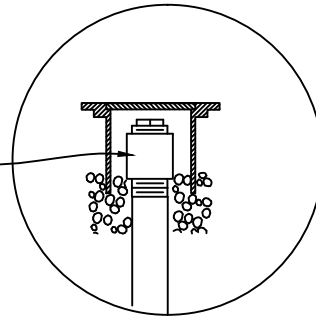


TYPICAL SECTION

FILE: CP-W-8.DWG

CHECKED	DATE
APPROVED	DATE
REVISED	DATE

2" PEX TO COMP X MIP ADAPTER
WITH STIFFENER TO 2" BRASS COUPLER,
WITH BRASS PLUG



LOW POINT MAINLINE BLOWOFF ASSEMBLY

FILE: CP-W-9A.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

REVISED DATE

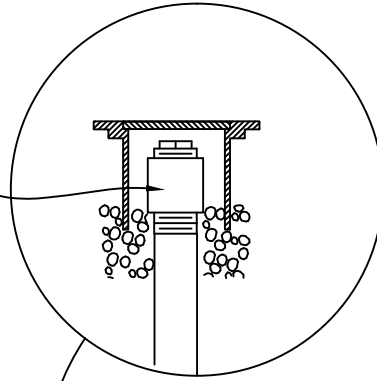
5/15/2019

W-9A

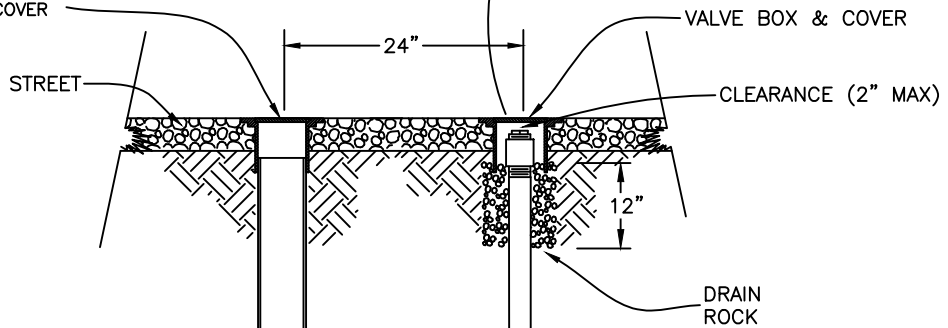
LOW POINT MAIN LINE BLOWOFF ASSEMBLY

DRAWING No.

2" PEX TO COMP X MIP ADAPTER
WITH STIFFENER TO 2" BRASS COUPLER,
WITH BRASS PLUG



METAL VALVE BOX AND COVER
6" SCHEDULE 80 PVC INSIDE COVER
SEE WATER BOX DETAIL W-18



SEE RESTRAINED JOINT TABLE W-1 FOR
LENGTH OF PIPE WITH RESTRAINED
JOINTS

- PLUG W/ 2" TAP
- 2" BRASS CLOSE NIPPLE
- 2" AWWA C509 RESILIENT-SEATED
GATE VALVE W/ OPERATING NUT

2" MIP X COMP WITH STIFFENER TO PEX

PERMANENT MAINLINE BLOWOFF ASSEMBLY

FILE: CP-W-9B.DWG



CITY OF
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PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

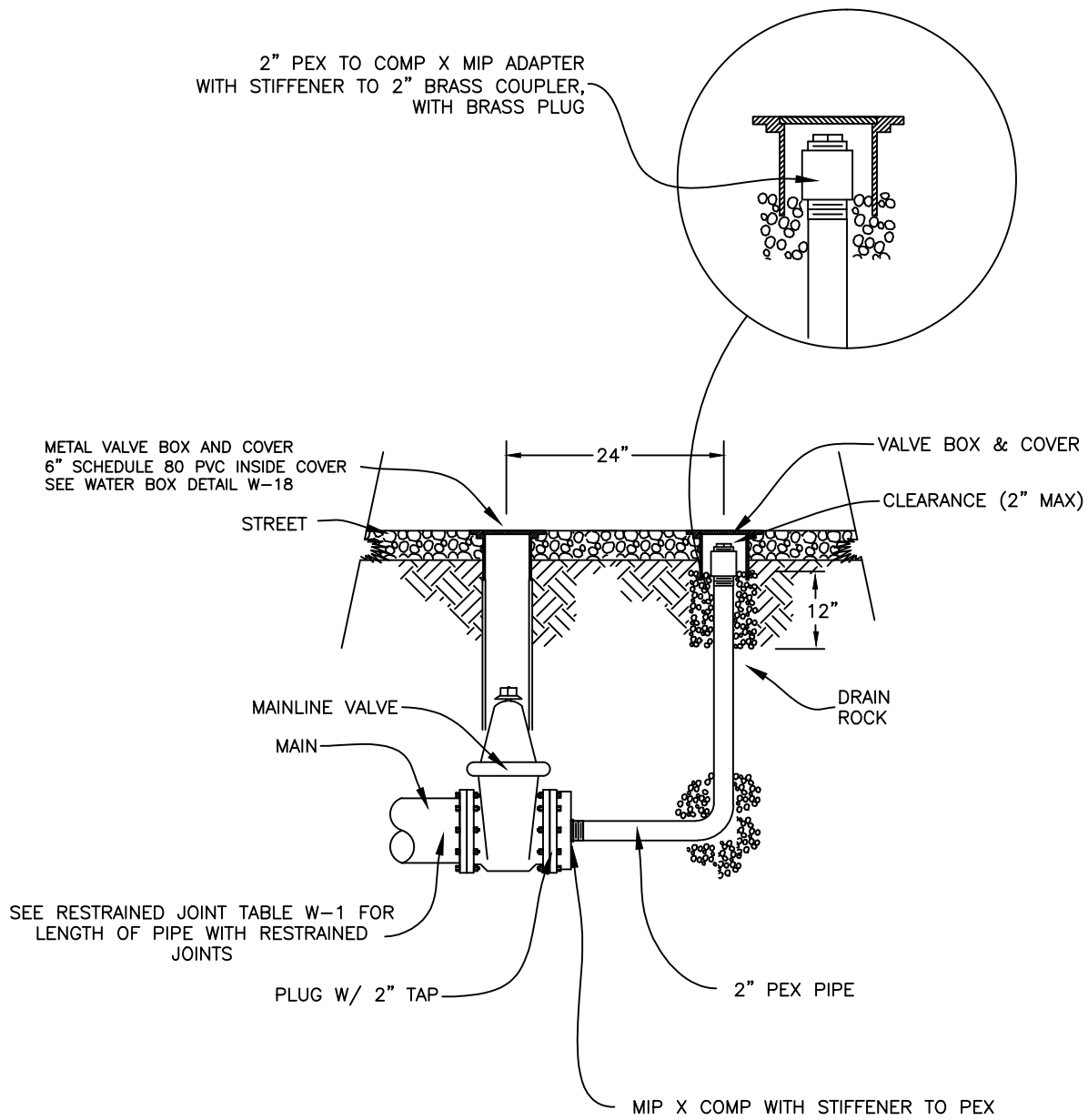
MAIN LINE BLOWOFF ASSEMBLY

REVISED DATE

5/15/2019

W-9B

DRAWING No.



TEMPORARY
MAINLINE BLOWOFF ASSEMBLY

FILE: CP-W-10B.DWG



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PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

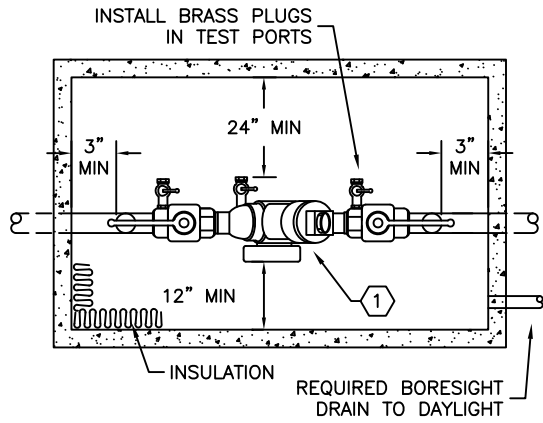
MAIN LINE BLOWOFF ASSEMBLY

REVISED DATE

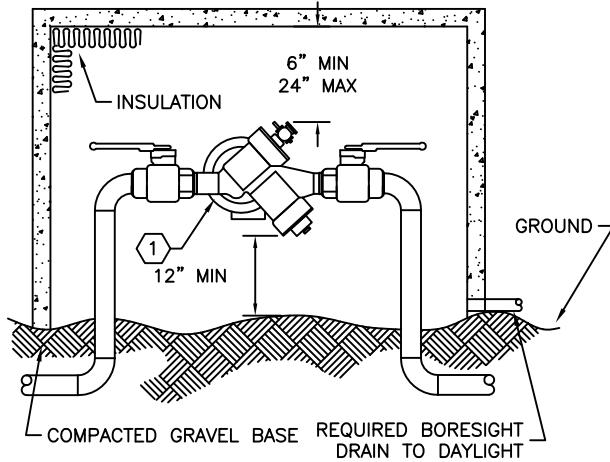
5/15/2019

W-10B

DRAWING No.



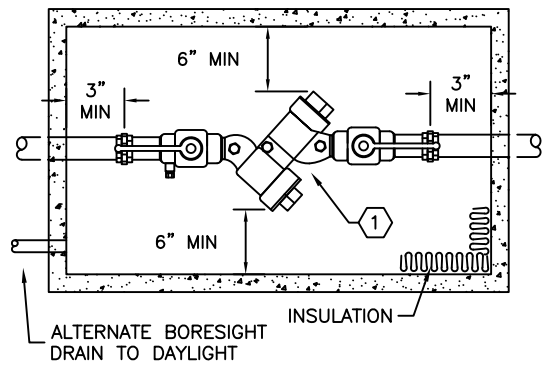
PLAN



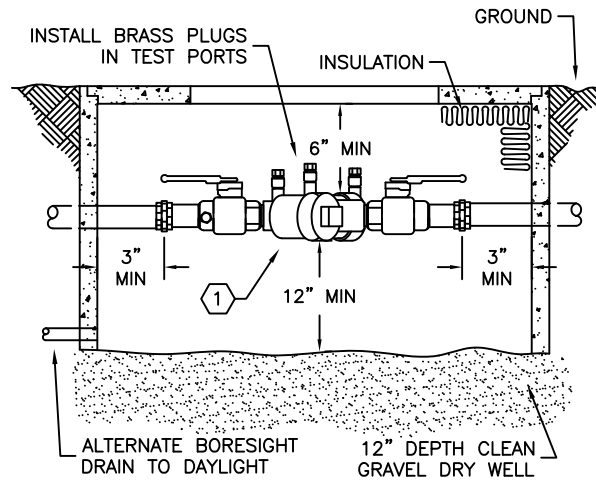
ELEVATION

① DHS APPROVED BPA INCLUDING
FACTORY SUPPLIED SHUT OFF VALVES

**1/2\"-2\" REDUCED PRESSURE BACKFLOW ASSEMBLY
RPBA**



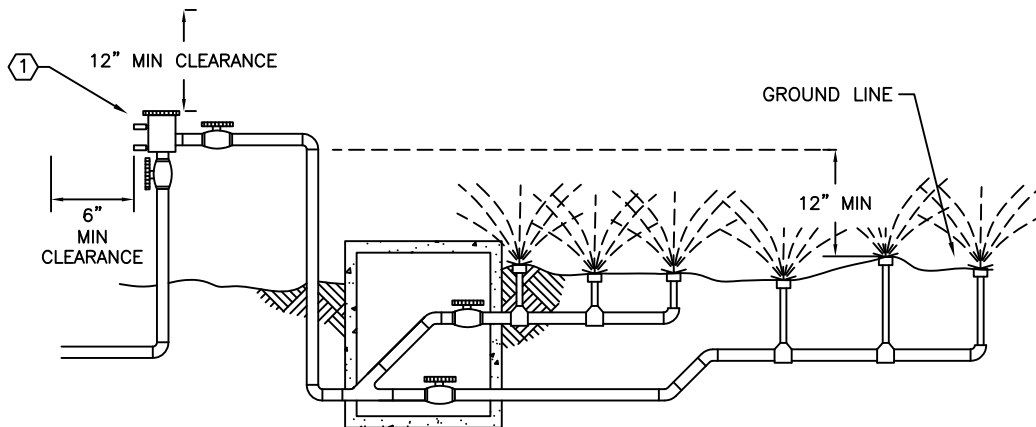
PLAN



ELEVATION

① DHS APPROVED BPA INCLUDING
FACTORY SUPPLIED SHUT OFF VALVES

**1/2\"-2\" DOUBLE CHECK VALVE ASSEMBLY
DCVA**



① DHS APPROVED BPA

**PRESSURE VACUUM
BREAKER (PVB)**

FILE: CP-W-11.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

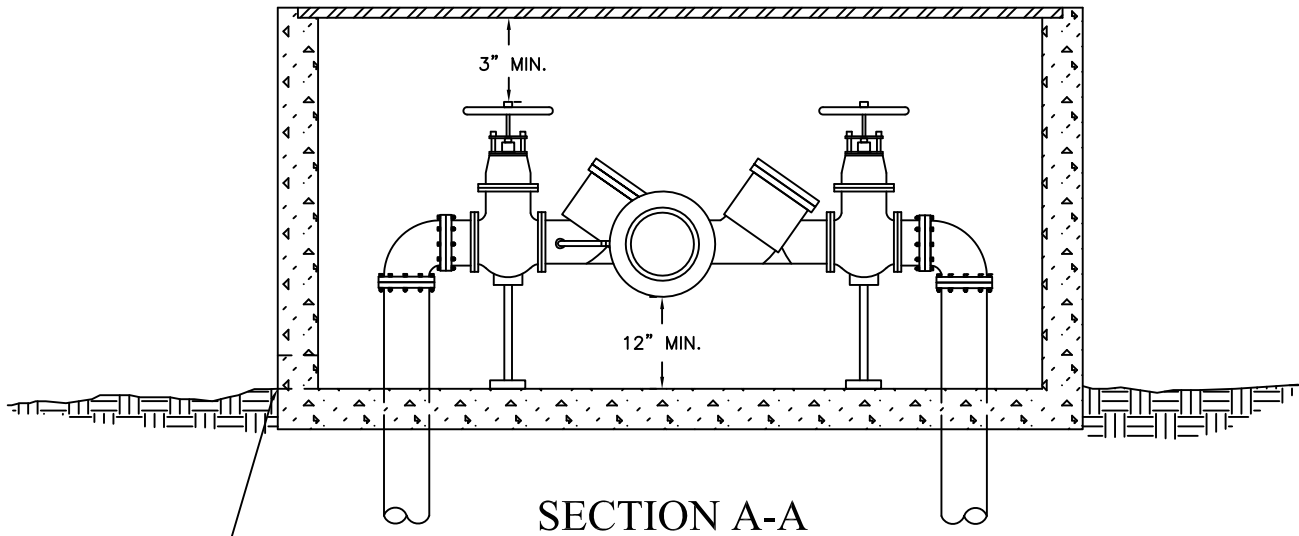
BACKFLOW PREVENTION
ASSEMBLIES

INSTALLATION GUIDE

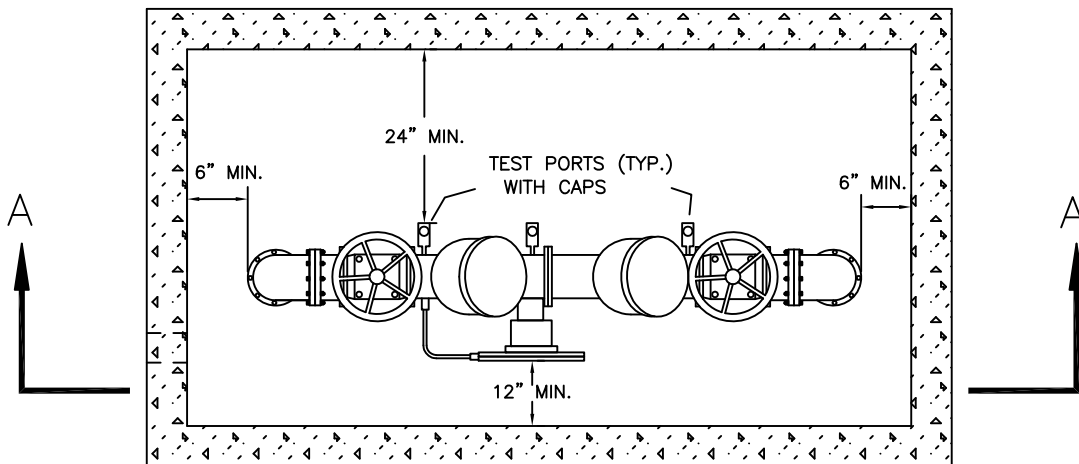
CHECKED	DATE
APPROVED	DATE
REVISED	DATE

W-11

DRAWING No.



DRAIN HOLE TO DAYLIGHT
SIZE DETERMINED BY ENGINEER



PLAN

MIN. CLEARANCE FOR LARGE RPBD* INSTALLATION

NOTES:

1. DRAWING DEPICTS TYPICAL MINIMUM DIMENSIONS FOR LARGE (2 1/2" AND LARGER) REDUCED PRESSURE BACKFLOW DEVICES.
2. DEVICE SHALL NOT BE SUBJECT TO FLOODING.
3. DRAIN LINES SHALL BE SIZED TO ACCOMMODATE FULL RELIEF VALVE DISCHARGE FLOW.
4. REDUCED PRESSURE BACKFLOW DEVICES ARE TYPICALLY INSTALLED ABOVE GRADE IN A WELL DRAINING AREAS, BUT MAY BE INSTALLED BELOW GRADE IF AN ADEQUATE DRAIN TO DAYLIGHT IS PROVIDED.

* REDUCED PRESSURE BACKFLOW DEVICES

FILE: CP-W-12.DWG



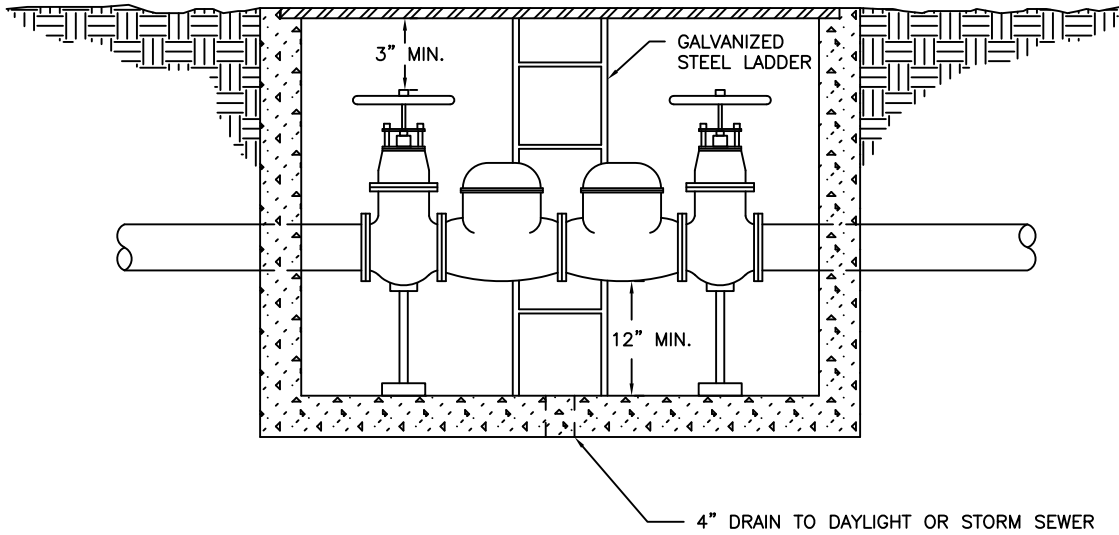
CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION
MIN. CLEARANCE FOR LARGE RPBD* INSTALLATION

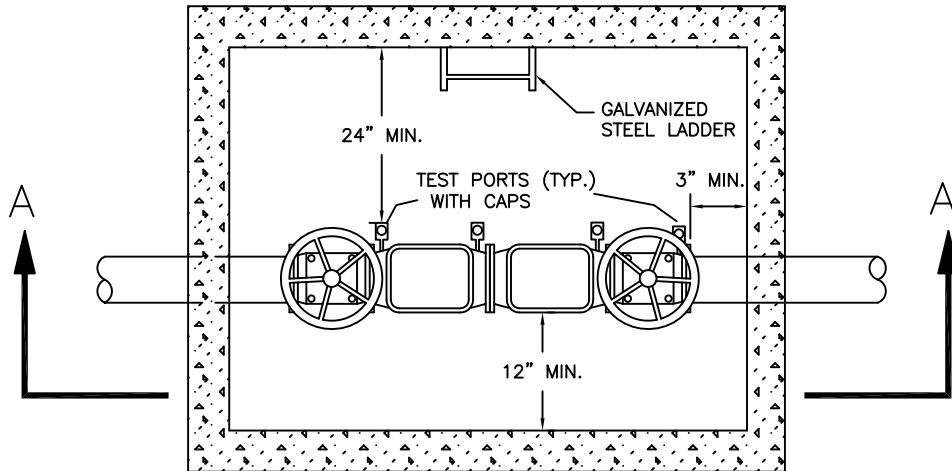
CHECKED	DATE
APPROVED	DATE
REVISED	DATE

W-12

DRAWING No.



SECTION A-A



PLAN

MIN. CLEARANCE FOR LARGE DCVA* INSTALLATION

NOTES:

1. DRAWING DEPICTS TYPICAL MINIMUM DIMENSIONS FOR LARGE (2 1/2" AND LARGER) DOUBLE CHECK VALVE ASSEMBLIES.
2. ASSEMBLY SHALL NOT BE SUBJECT TO FLOODING.

* DOUBLE CHECK VALVE ASSEMBLY

FILE: CP-W-13.DWG



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PUBLIC WORKS DEPARTMENT

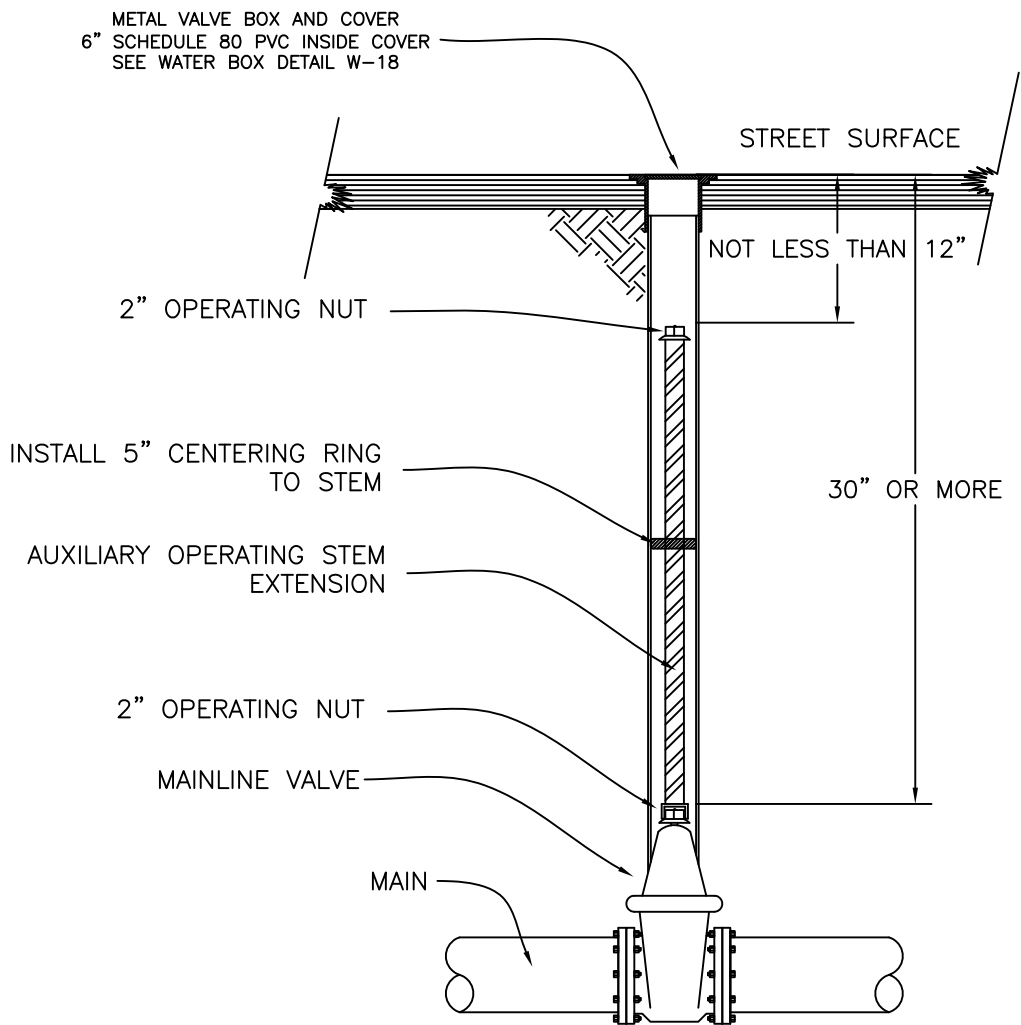
UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

MIN. CLEARANCE FOR LARGE DCVA* INSTALLATION

CHECKED	DATE
APPROVED	DATE
REVISED	DATE

W-13

DRAWING No.



WATER VALVE EXTENSION

Use when valve operating nut is greater than 30 inches
deeper than street level

FILE: CP-W-14.DWG



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WATER VALVE EXTENSION

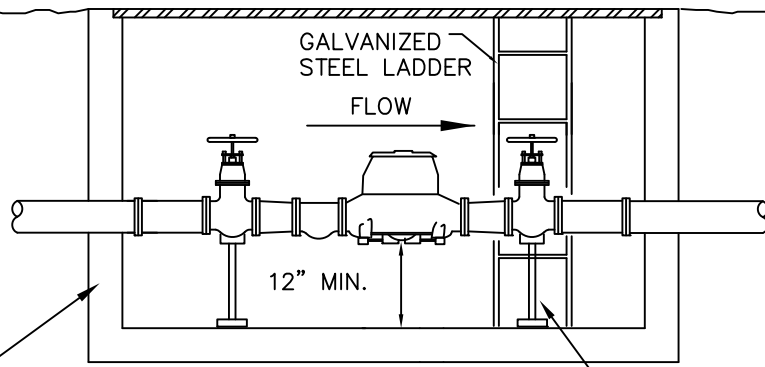
REVISED

11/14/2016

W-14

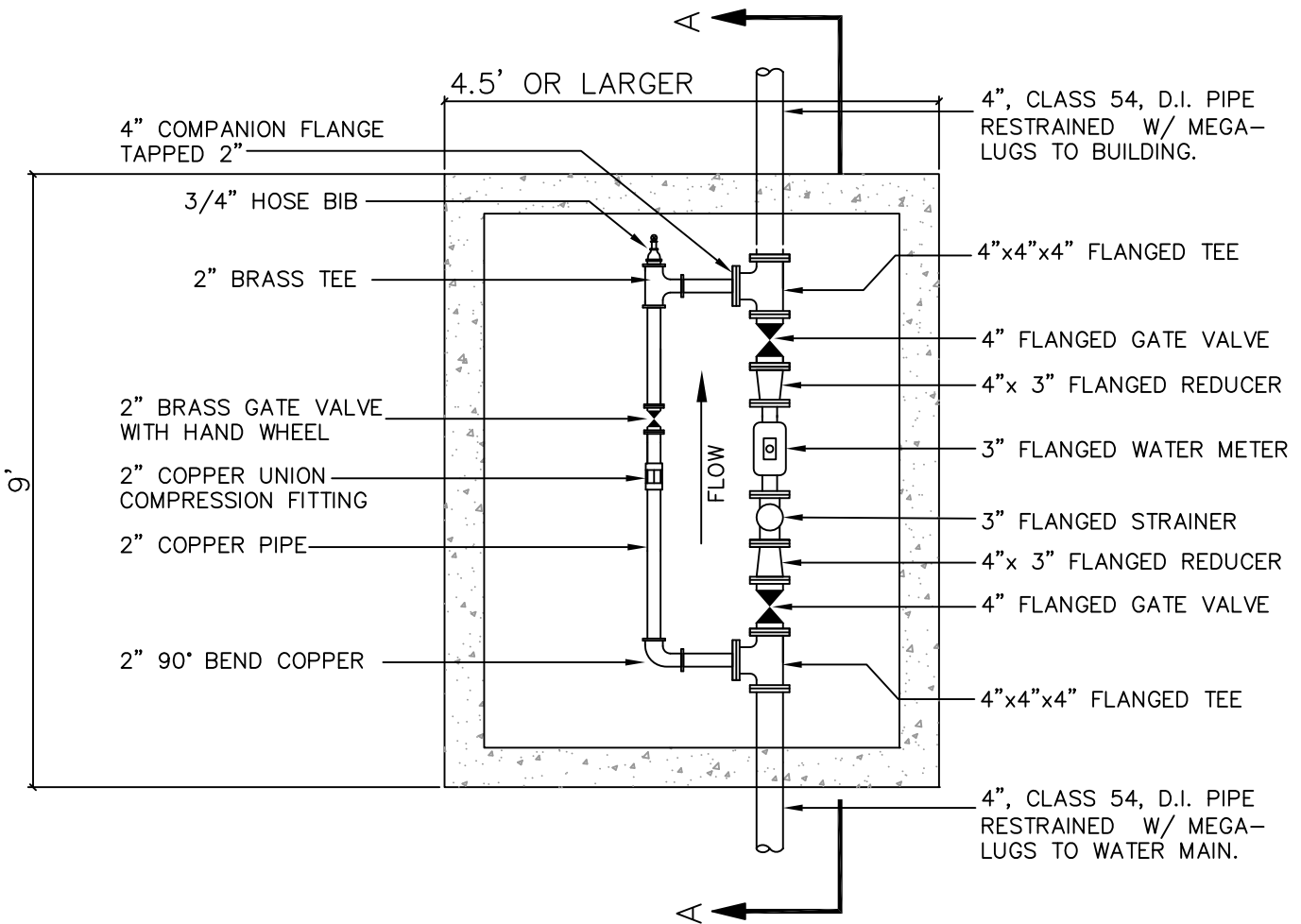
DRAWING No.

CONCRETE VAULT.
WITH STEEL LID AND
HOLD DOWN BOLTS.
PROVIDE A 1-7/8" HOLE
IN THE VAULT LID FOR A
TOUCH READ PAD.
COOK, ALLIANCE, UTILITY
PICOLLO CONCRETE
VAULT ARE ACCEPTABLE
MANUFACTURER'S.
OR CITY APPROVED OTHER



SECTION A-A

INSTALL SUPPORT UNDER VALVES



CONTRACTOR TO VERIFY THAT ACTUAL
MANUFACTURED PARTS FIT WITH THE
SPACE OF THIS VAULT. IF THEY DO
NOT, THEN ANOTHER VAULT MAY BE
REQUIRED.

3" METER CONNECTION DETAIL

NO SCALE

FILE: CP-W-15.DWG



CITY OF
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UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

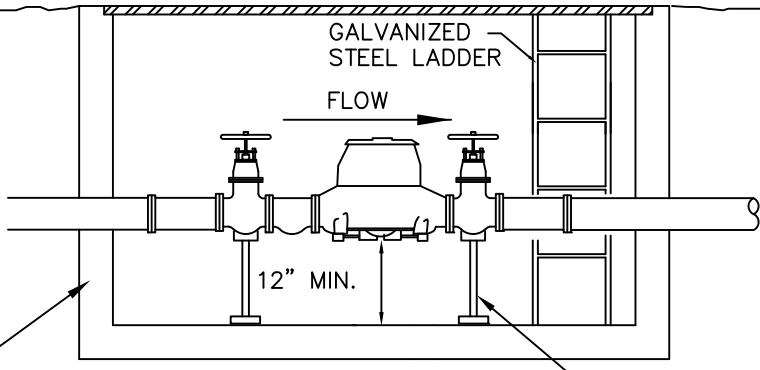
3" METER CONNECTION DETAIL

CHECKED	DATE
APPROVED	DATE
REVISED	DATE

W-15

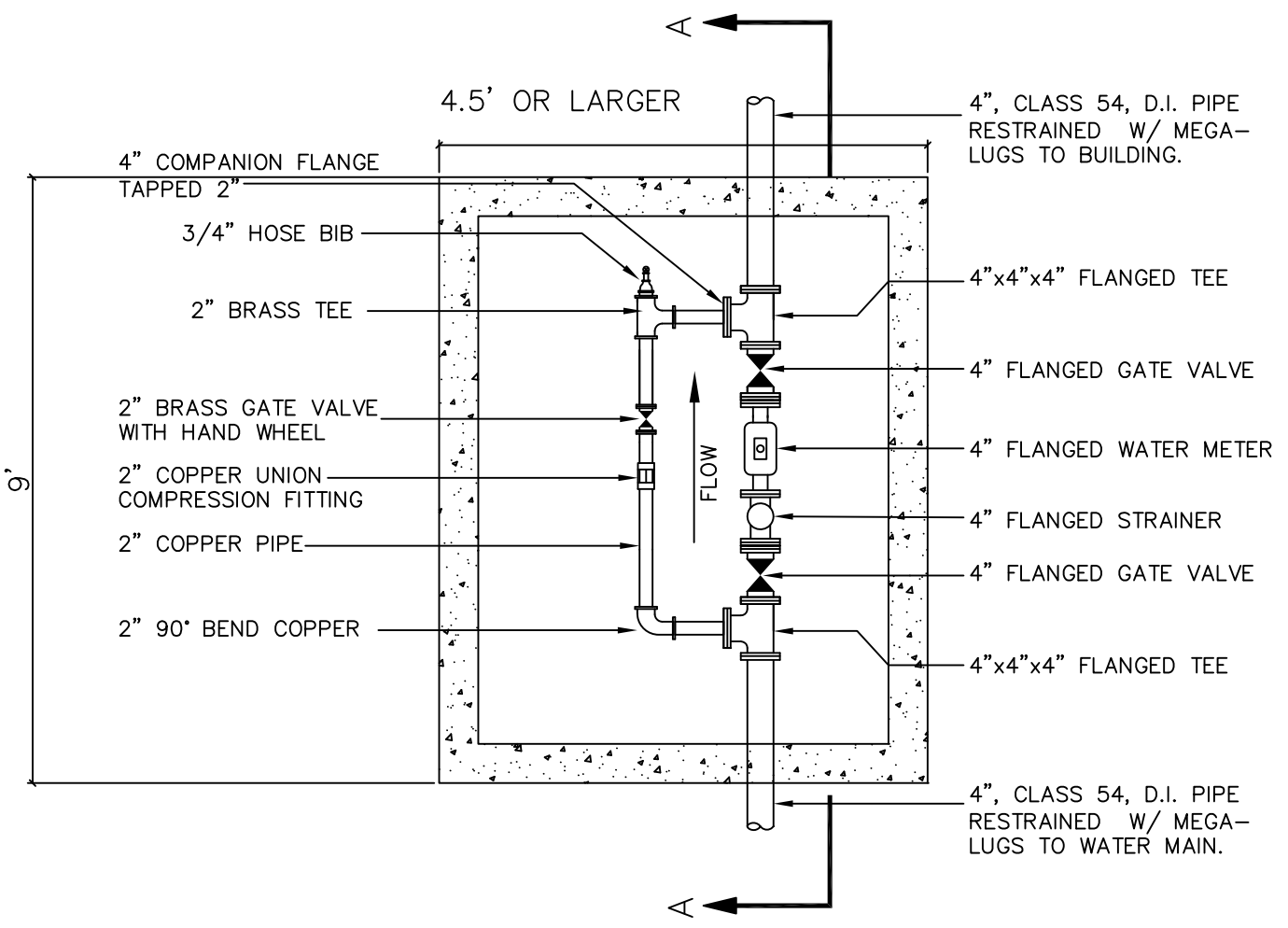
DRAWING No.

CONCRETE VAULT.
WITH STEEL LID AND
HOLD DOWN BOLTS.
PROVIDE A 1-7/8" HOLE
IN THE VAULT LID FOR A
TOUCH READ PAD.
COOK, ALLIANCE, UTILITY
PICOLLO CONCRETE
VAULT ARE ACCEPTABLE
MANUFACTURER'S.
OR CITY APPROVED OTHER



SECTION A-A

INSTALL SUPPORT UNDER VALVES



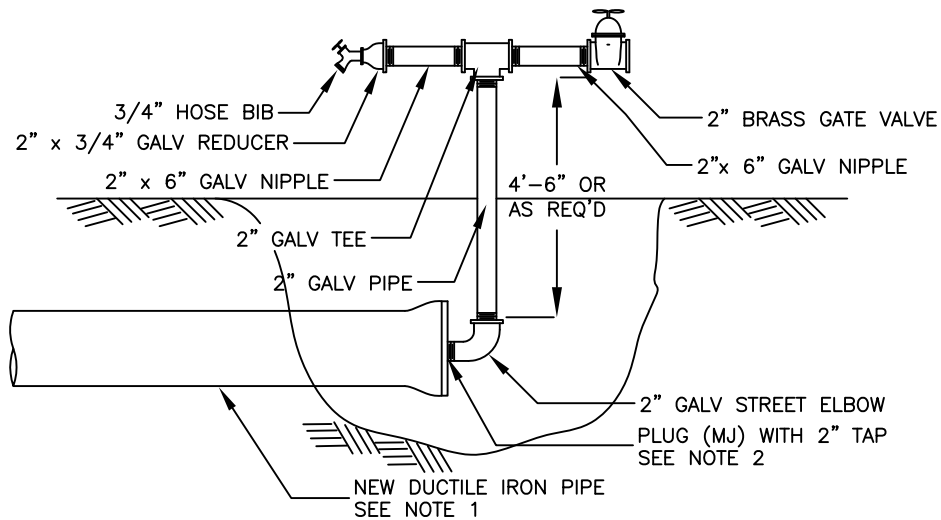
CONTRACTOR TO VERIFY THAT ACTUAL
MANUFACTURED PARTS FIT WITH THE
SPACE OF THIS VAULT. IF THEY DO
NOT, THEN ANOTHER VAULT MAY BE
REQUIRED.

4" METER CONNECTION DETAIL

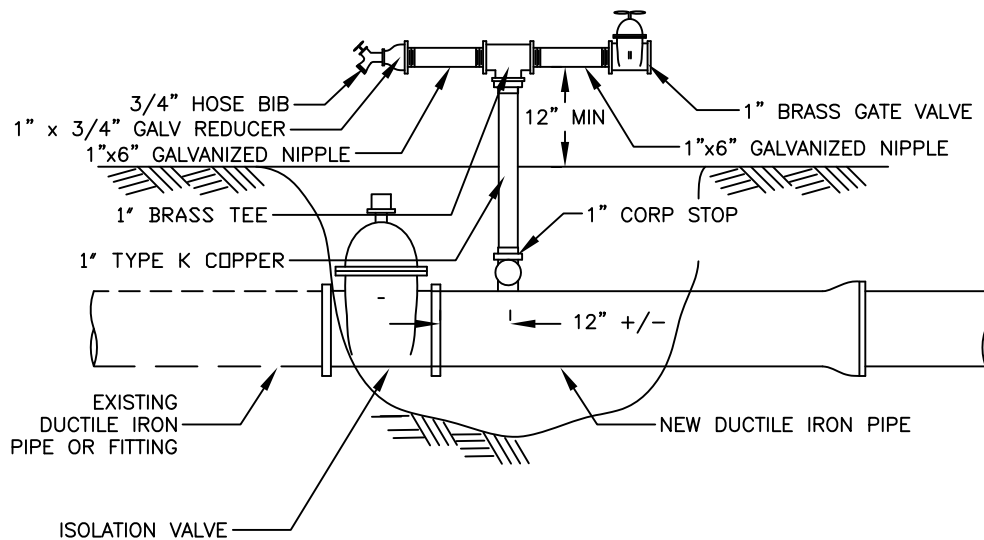
NO SCALE

FILE: CP-W-16.DWG

CHECKED	DATE
APPROVED	DATE
REVISED	DATE



2" SAMPLE TREE



1" DISINFECTION TREE

NOTES:

1. AT A MINIMUM, RESTRAIN THE LAST THREE FULL PIPE LENGTHS FOR 4", 6", AND 8" PIPE. RESTRAIN THE LAST 4 FULL PIPE LENGTHS FOR 12" PIPE.
2. UPON COMPLETION OF REQUIRED TESTS AND AFTER CONFIRMATION OF SAMPLE RESULTS, CONTRACTOR TO REMOVE TREE ASSEMBLY.

FILE: CP-W-17.DWG



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PUBLIC WORKS DEPARTMENT

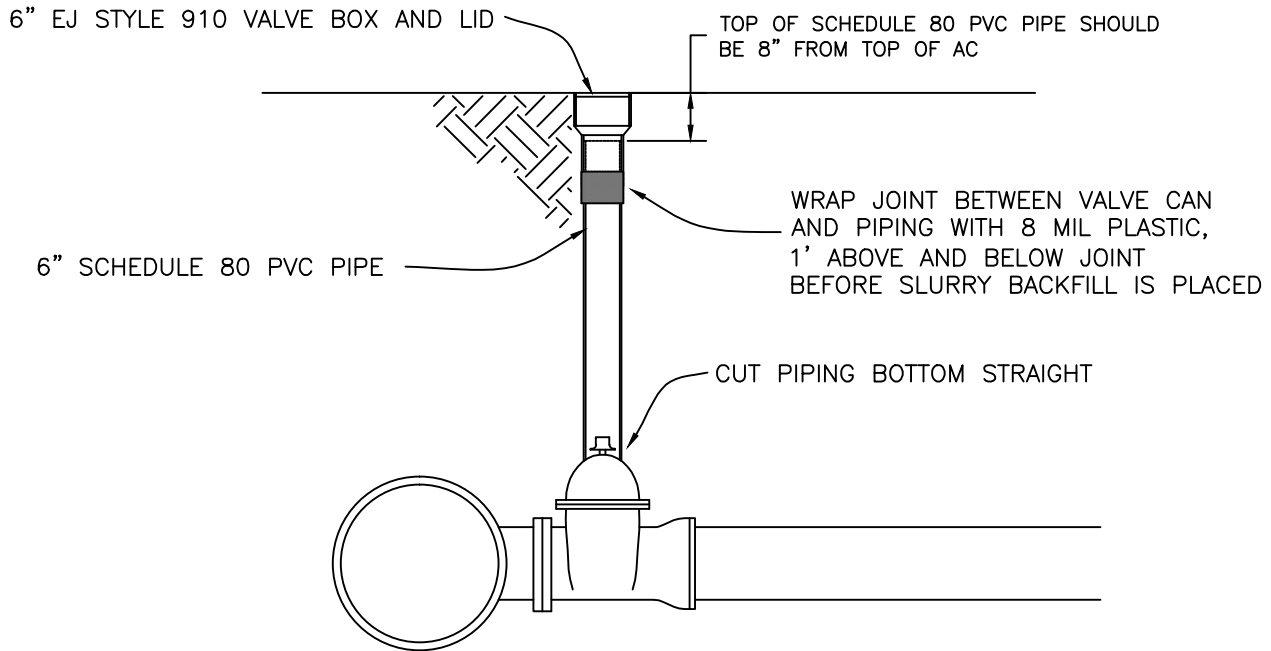
UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

SAMPLE AND DISINFECTION TREES

CHECKED	DATE
APPROVED	DATE
REVISED	DATE

W-17

DRAWING No.



WATER VALVE BOX DETAIL

FILE: CP-W-18.DWG



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PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

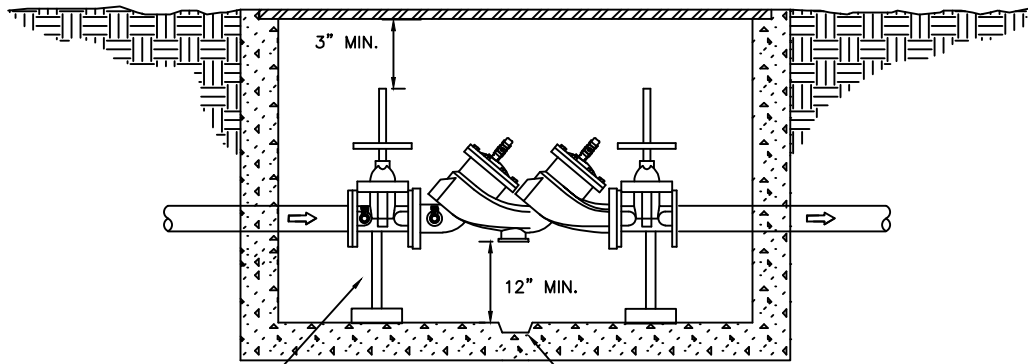
WATER VALVE BOX DETAIL

REVISED DATE

10/31/2018

W-18

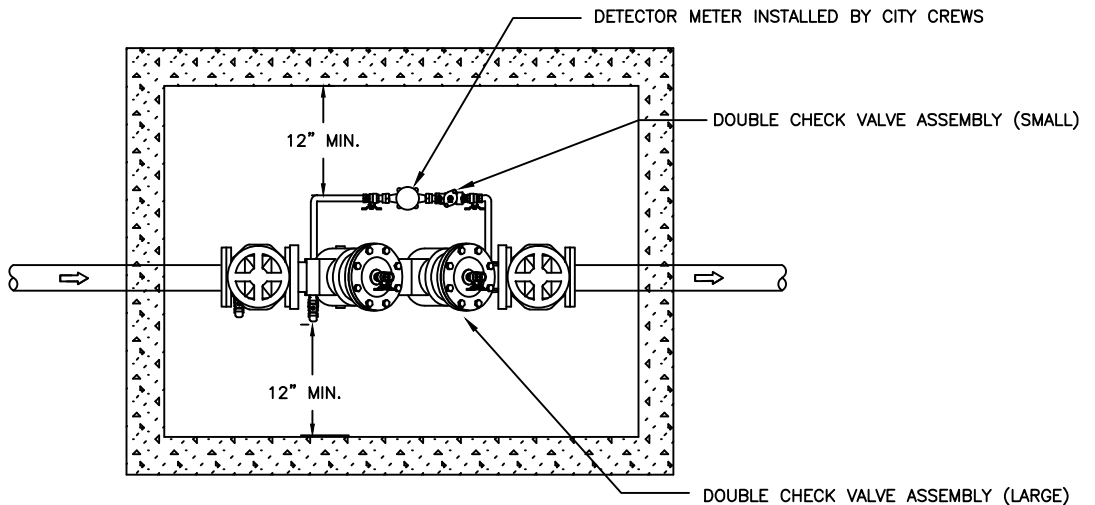
DRAWING No.



PROVIDE ADJUSTABLE METAL
PIPE SUPPORT: GRINNEL FIG
257/FIG 259 OR AS APPROVED

— DRAIN SUMP OPTIONAL

SIDE
NTS



— DETECTOR METER INSTALLED BY CITY CREWS

— DOUBLE CHECK VALVE ASSEMBLY (SMALL)

— DOUBLE CHECK VALVE ASSEMBLY (LARGE)

PLAN
NTS

DOUBLE CHECK DETECTOR ASSEMBLY (DCDA)
FOR FIRE VAULTS

NOTES:

1. DRAWING DEPICTS TYPICAL MINIMUM DIMENSIONS FOR LARGE (2 1/2" AND LARGER) DOUBLE CHECK DETECTOR ASSEMBLIES.
2. ASSEMBLY SHALL NOT BE SUBJECT TO FLOODING.
3. BRASS OR PLASTIC PLUGS ARE REQUIRED FOR ALL TESTING PORTS.

4. LID/COVER IS REQUIRED TO HAVE A PORT IN ORDER TO AFFIX TOUCH PAD/RADIO READ.

FILE: CP-W-19.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

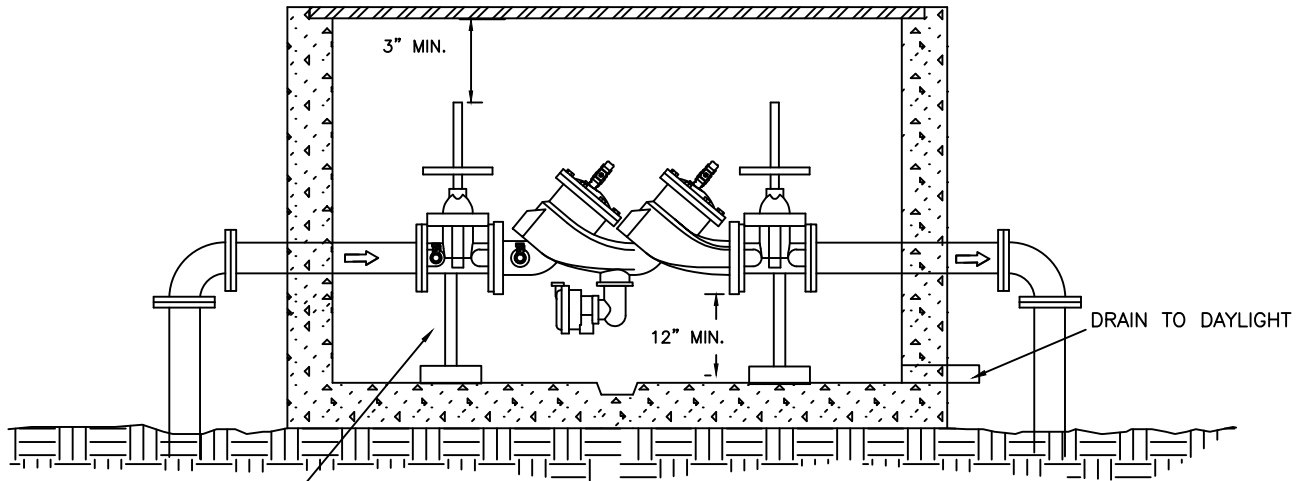
UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

DOUBLE CHECK DETECTOR ASSEMBLY (DCDA)

REVISED DATE
11/01/2018

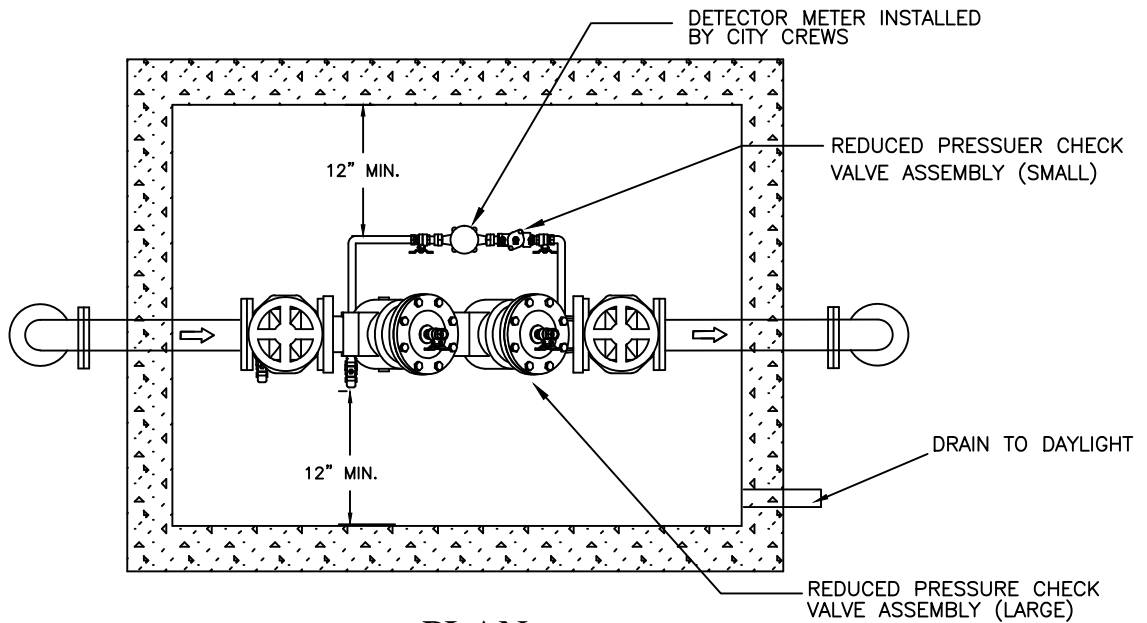
W-19

DRAWING No.



PROVIDE ADJUSTABLE METAL PIPE SUPPORT: GRINNEL FIG 257/FIG 259 OR AS APPROVED

SIDE
NTS



PLAN
NTS

**REDUCED PRESSURE DETECTOR ASSEMBLY (RPDA)
FOR FIRE VAULTS**

NOTES:

- DRAWING DEPICTS TYPICAL MINIMUM DIMENSIONS FOR LARGE (2 1/2" AND LARGER) REDUCED PRESSURE DETECTOR ASSEMBLIES.
- ASSEMBLY SHALL NOT BE SUBJECT TO FLOODING.
- BRASS OR PLASTIC PLUGS ARE REQUIRED FOR ALL TESTING PORTS.
- LID/COVER IS REQUIRED TO HAVE A PORT IN ORDER TO AFFIX TOUCH PAD/RADIO READ.

FILE: CP-W-20.DWG



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UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

REDUCED PRESSURE DETECTOR ASSEMBLY (RPDA)

REVISED DATE
11/01/2018

W-20

DRAWING No.

FRAME AND RISER RINGS SHALL BE DOUBLE SEALED WITH "KENT SEAL" TO FORM A WATERTIGHT SEAL. GROUT MAY BE USED FOR STORM SYSTEMS.

PRECAST RISER RINGS

PRECAST MANHOLE CONE

MANHOLE STEPS SHALL NOT BE PROVIDED UNLESS SPECIFIED.

ALL JOINTS SHALL BE DOUBLE SEALED WITH "KENT SEAL" TO FORM A WATERTIGHT SEAL. GROUTED JOINTS MAY BE USED FOR STORM DRAIN

STANDARD PRECAST MANHOLE SECTIONS AS REQUIRED.

MIN. BENCH SLOPE 1:12

PROVIDE FLEXIBLE JOINT WITHIN 18-INCHES OF BARREL (STANDARD RUBBER GASKET JOINT)

MANHOLE BASE SHALL BE A MINIMUM OF 6-INCHES THICK

STANDARD MANHOLE RING AND COVER
MH LID SHOULD BE STAMPED WITH A "D"

FINISH GRADE

VARIABLE
2" MIN.
12" MAX.

SUBGRADE

3'-0"
3/4"-0 CR. ROCK COMPACT
TO 95% AASHTO T-99(A)

VARIES
3/4"-0 CR. ROCK COMPACT
TO 90% AASHTO T-99(A)

VARIES
6"
TOP OF PIPE
3/4"-0 CRUSHED ROCK WELL
TAMPED TO 6-INCHES ABOVE PIPE

48"

12" MIN.
18" MAX.

5'-8" MIN.

NO SCALE

NOTES:

- STANDARD PRECAST MANHOLE DIAMETER SHALL BE 48".
- BASES MAY BE PRECAST OR CAST IN PLACE.
- THIS MANHOLE SECTION SHALL BE USED FOR PIPE SIZES UP TO 24".

- WHEN CONSTRUCTING A NEW MANHOLE OVER EXISTING P.V.C. STORM SEWER, EXPOSE EXISTING P.V.C. PIPE, SOFTEN ENTIRE CIRCUMFERENCE WITH SOLVENT FOR 2.0' EACH SIDE OF C.L. AND COAT WITH CLEAN SAND.

- WATERTIGHT PIPE JOINTS REQUIRED FOR ALL PIPE.
- 2-INCH WEEP HOLES MAYBE REQUIRED ABOVE SUB-GRADE WHERE HIGH GROUND WATER CONDITIONS EXIST.

PROVIDE FLEXIBLE JOINT, TYP. WITHIN 18-INCHES OF BARREL

FILE: CP-SD-1.DWG



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UNIFORM STANDARDS
FOR
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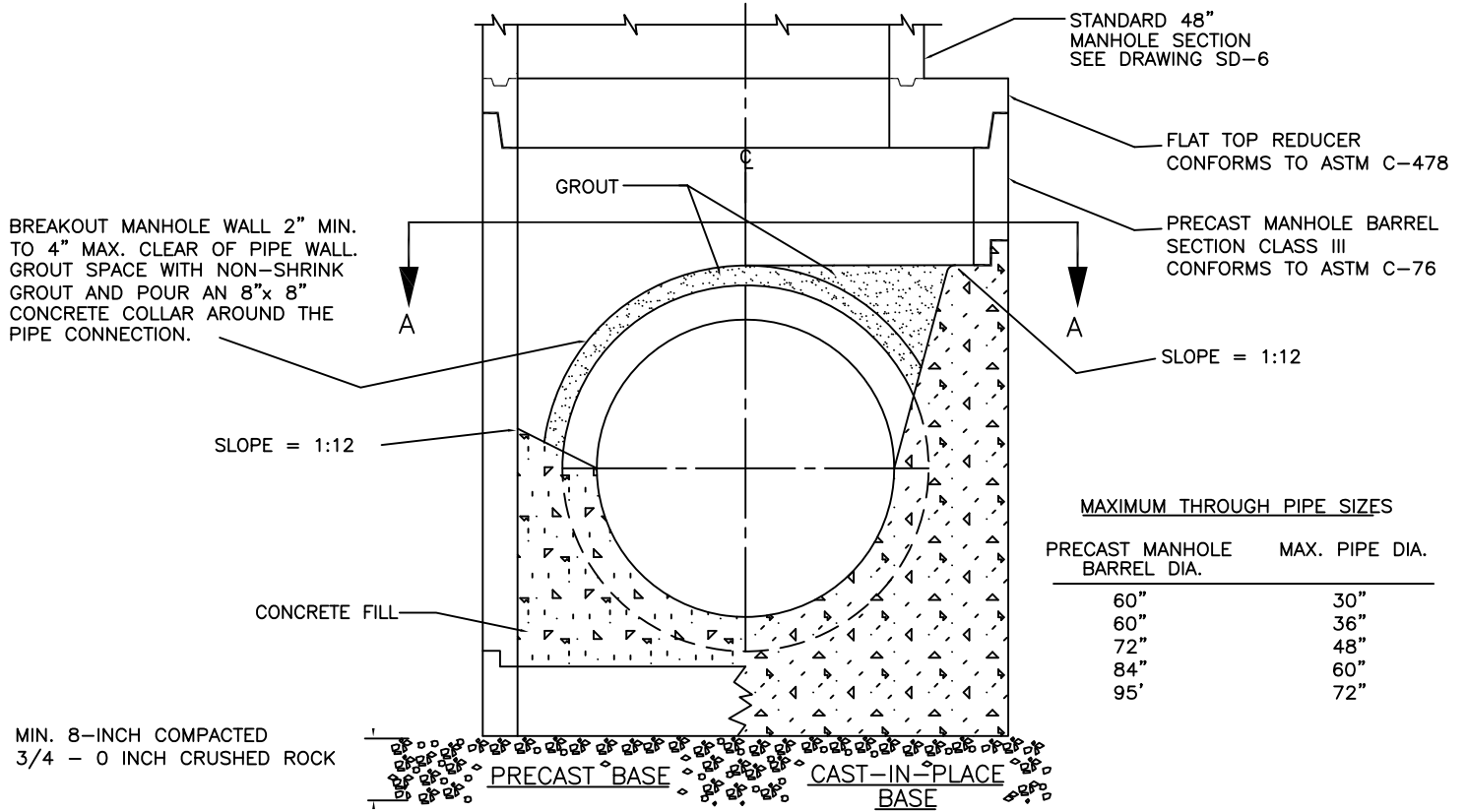
STORM SEWER MANHOLE - SMALL PIPE

REVISED DATE

2/05/2016

SD-1

DRAWING No.

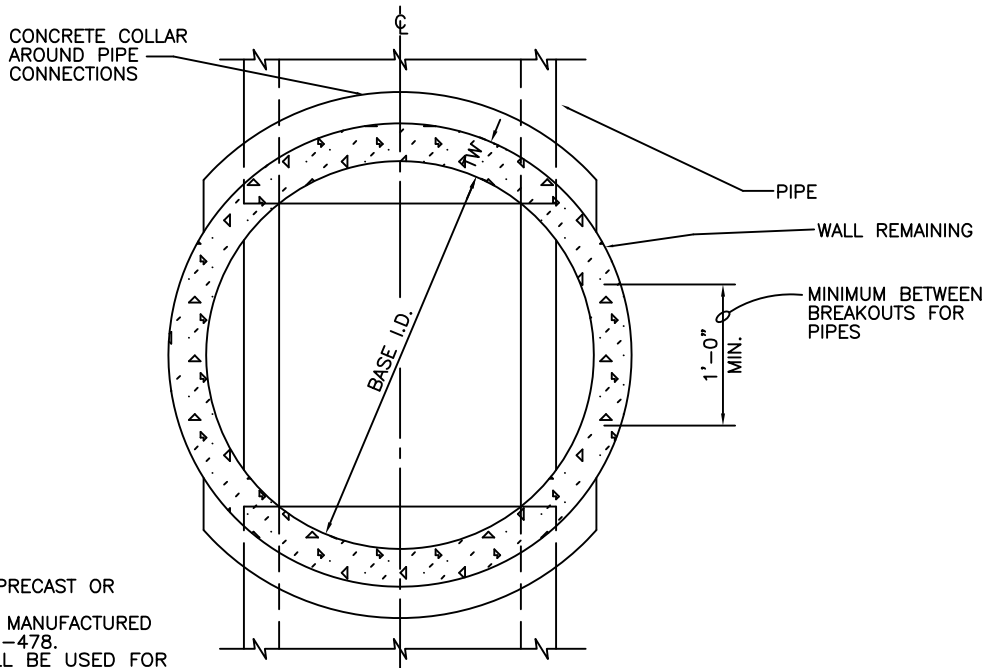


MAXIMUM THROUGH PIPE SIZES

PRECAST MANHOLE BARREL DIA.	MAX. PIPE DIA.
60"	30"
60"	36"
72"	48"
84"	60"
95"	72"

TYPICAL SECTION

NO SCALE



SECTION A-A

NO SCALE

NOTES:

1. MANHOLES MAY HAVE EITHER PRECAST OR CAST-IN-PLACE BASES.
2. MANHOLE SECTIONS SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM C-478.
3. LARGE MANHOLE BASES SHALL BE USED FOR PIPE SIZES LARGER THAN 24".
4. MINIMUM BASE INSIDE DIAMETER SHALL BE BASED ON THE NUMBER AND SIZE OF THE PIPES ENTERING THE MANHOLE, THE ELEVATION OF THE PIPES, AND THE MINIMUM SPACING BETWEEN THE PIPES.
5. PROVIDE FLEXIBLE JOINT WITHIN 24-INCHES OF MANHOLE BARREL.

FILE: CP-SD-2A.DWG



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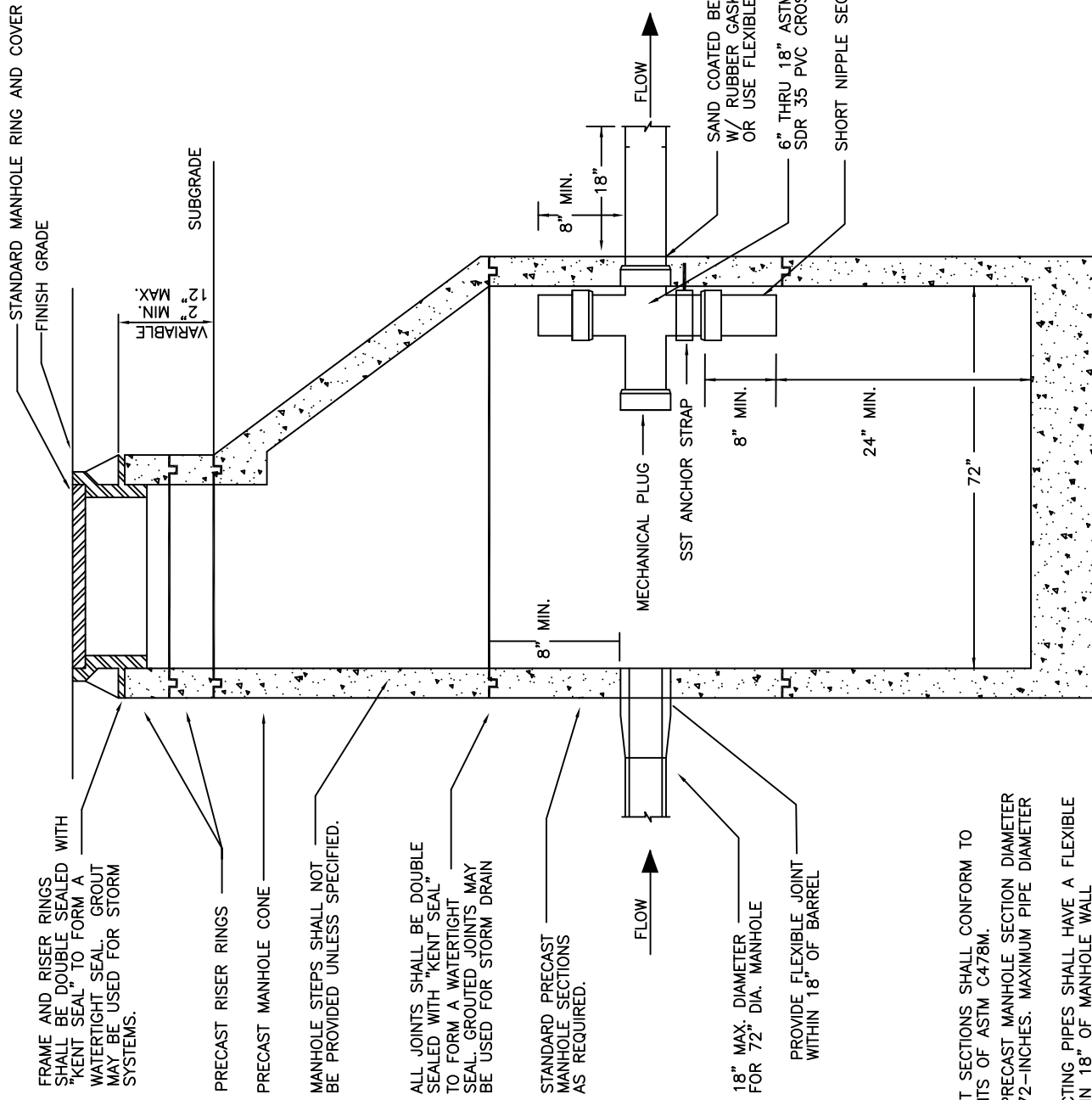
UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

STORM SEWER MANHOLE - LARGE PIPE

CHECKED	DATE
APPROVED	DATE
REVISED	DATE

SD-2A

DRAWING No.



STORM SEWER MANHOLE WITH SEDIMENT BASIN

NOTES:

1. ALL PRECAST SECTIONS SHALL CONFORM TO REQUIREMENTS OF ASTM C478M.
2. STANDARD PRECAST MANHOLE SECTION DIAMETER SHALL BE 72-INCHES. MAXIMUM PIPE DIAMETER 18-INCHES
3. ALL CONNECTING PIPES SHALL HAVE A FLEXIBLE JOINT WITHIN 18" OF MANHOLE WALL
4. WATERTIGHT PIPE JOINTS REQUIRED FOR ALL PIPE.
5. 2-INCH WEEP HOLES MAYBE REQUIRED ABOVE SUB-GRADE WHERE HIGH GROUND WATER CONDITIONS EXIST.

FILE: CP SD-2B.DWG



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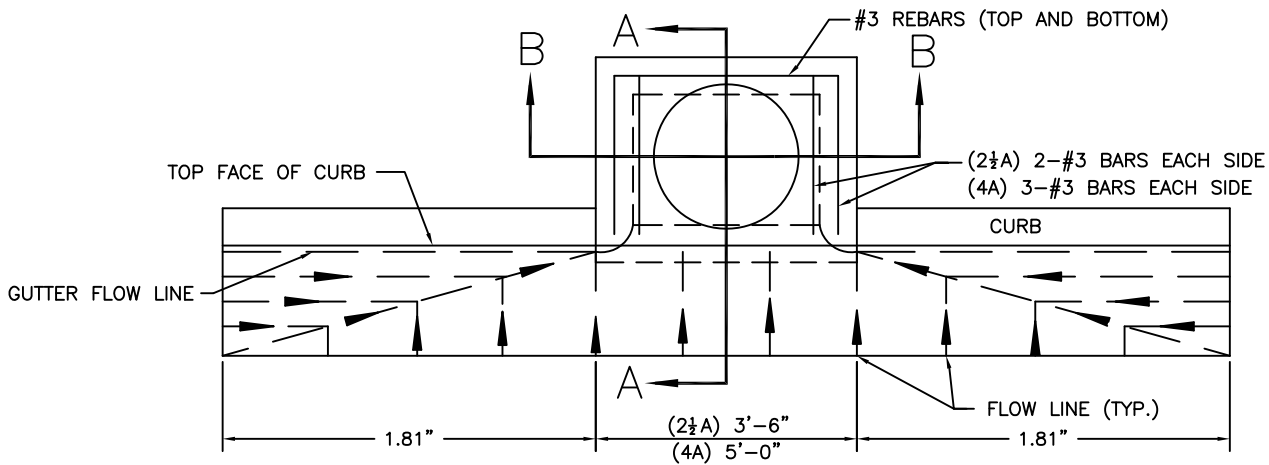
UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

STORM SEWER MANHOLE WITH SEDIMENT BASIN

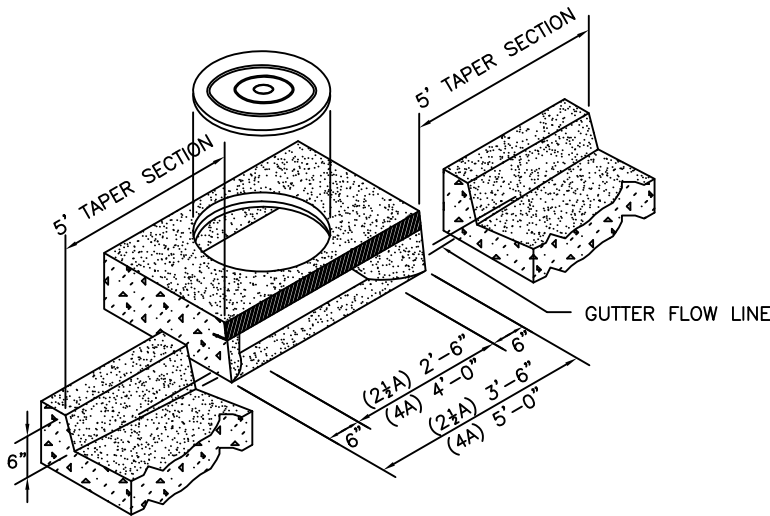
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REVISED	DATE

SD-2B

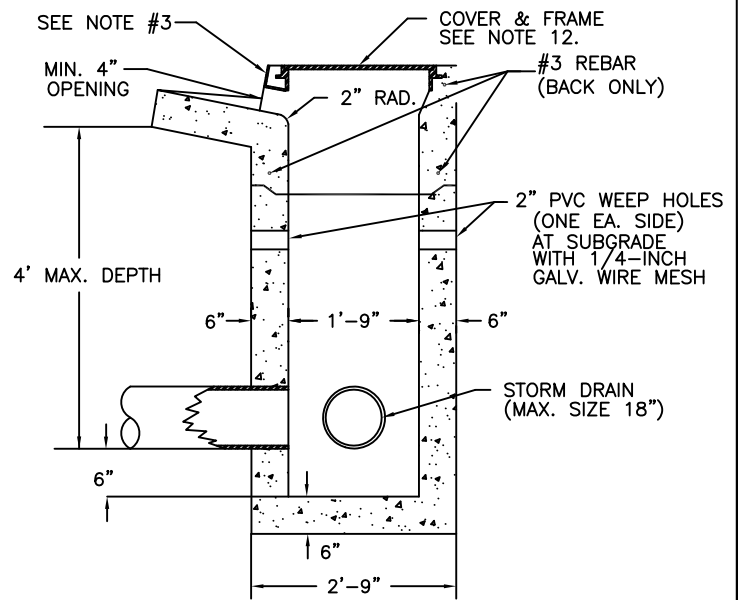
DRAWING No.



PLAN VIEW



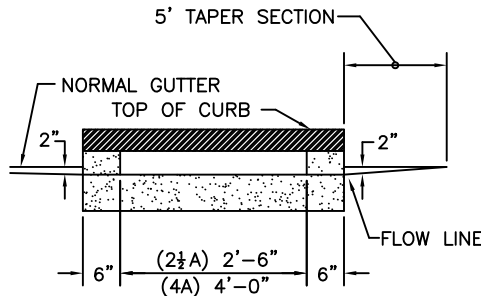
PERSPECTIVE VIEW



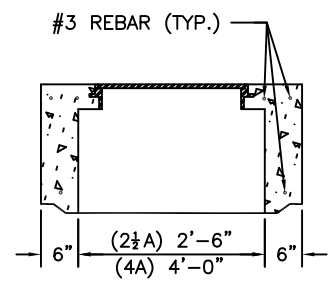
ALL CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION **SECTION A-A**

NOTES:

1. SURFACE CROSS-SLOPE FOR NEW CONSTRUCTION SHALL BE 1/4" RISE PER FOOT FROM THE TOP OF THE CURB TO THE SIDEWALK.
2. EXISTING CURB AND GUTTER SHALL BE REMOVED TO THE NEAREST COLD JOINT WITHIN 4'.
3. ANGLE NOSING: 3 1/2" X 3 1/2" X 1/4" ANCHORED WITH:
 (2 1/2 A) 2-HORIZ. #4 BARS 24" LONG
 (4 A) 4-HORIZ. #4 BARS 24" LONG
4. ALL CONCRETE SHALL BE SAWCUT AND A SMOOTH, UNIFORM JOINT PROVIDED.
5. FLOOR SHALL BE POURED ON A BASE APPROVED BY THE ENGINEER: UNDISTURBED, STABLE SOIL, COMPACTED BASE (95% T-99(A) 3/4"-0" CRUSHED ROCK, MIN. 6" THICK), OR ANOTHER APPROVED BASE
6. SET SECTION JOINTS IN 1:2 MORTAR AND MORTAR JOINT SEALANT ST-8, 1" WIDE. SEALANT SHALL MEET FED. SPEC. SS-5-00201 (CSA-FSS).
7. PIPE(S) SHALL BE FLUSH WITH THE INSIDE WALL.
8. ALL CONCRETE SHALL BE FORMED AND VIBRATED TO REMOVE VOIDS.
9. ALL CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 930.00.00- PORTLAND CEMENT CONCRETE (PCC)
10. SURFACE SHALL HAVE A FINISHED TEXTURE THAT WILL NOT BE SLICK WHEN WET (MEDIUM BROOM FINISH), OR MATCH EXISTING ADJACENT SIDEWALK.
11. ALL METAL PARTS SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION.
12. COVER SHALL BE INLAND FOUNDRY CO. INC. 706 MANHOLE RING AND COVER (OR EQUAL), SUITABLE FOR HEAVY TRAFFIC LOADING.



ELEVATION



SECTION B-B

FILE: CP-SD-3.DWG



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UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

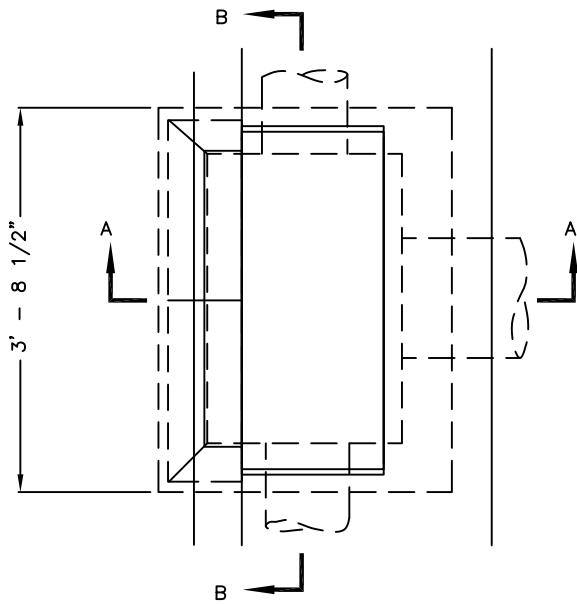
CONCRETE CURB INLET

REVISED DATE

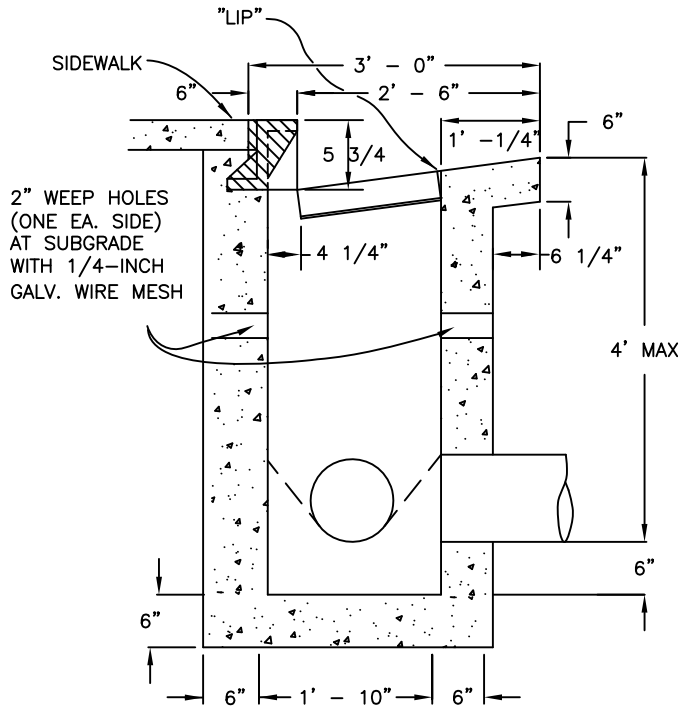
2/05/2016

SD-3

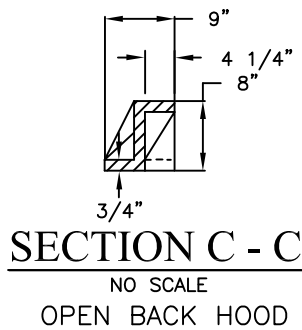
DRAWING No.



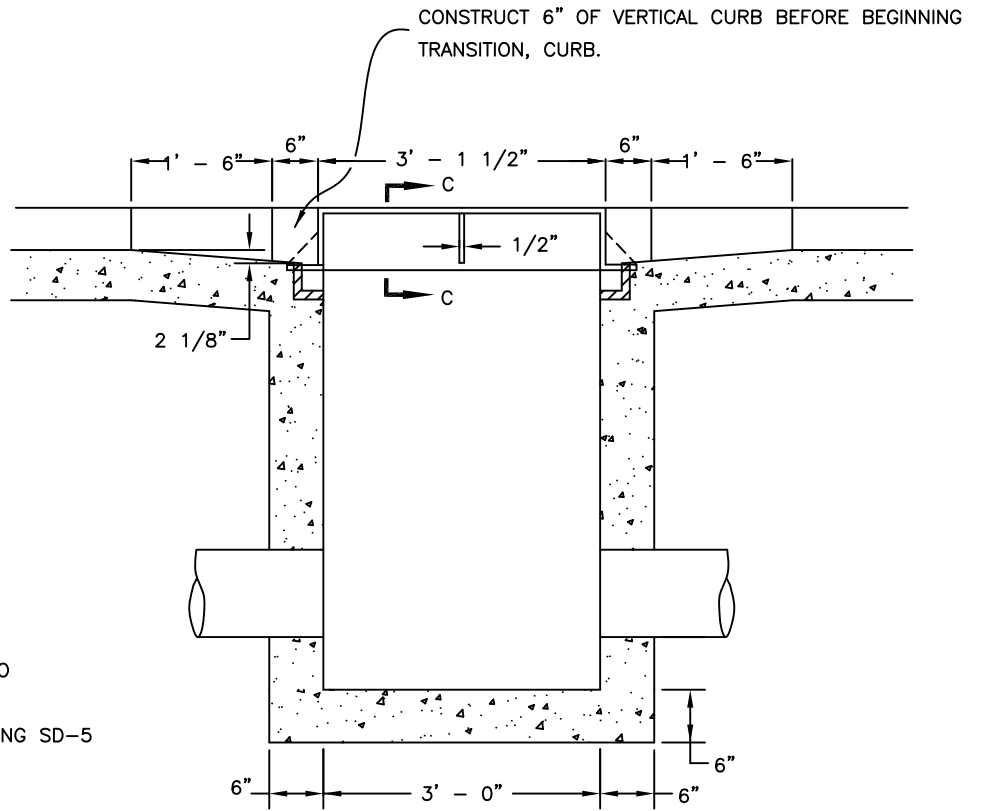
PLAN
NO SCALE



SECTION A - A
NO SCALE



SECTION C - C
NO SCALE
OPEN BACK HOOD



SECTION B - B
NO SCALE

NOTES:

1. TYPE B APPLICABLE TO ROLLED CURB AND GUTTER SECTION
2. BOTTOM OF INLET SHALL BE PLACED PRIOR TO OR AT THE SAME TIME AS SIDE WALLS
3. FRAME AND GRATE SHALL CONFORM TO DRAWING SD-5
4. OPEN BACK HOOD SHALL BE CAST IRON
5. 0.2 FEET "DROP" IN ALL CURB INLETS WHEN VELOCITIES OF STORM EVENT FLOW LESS THAN 3.0 FPS; OTHERWISE MAINTAIN PIPE SLOPE THROUGH INLET

FILE: CP-SD-4.DWG



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PUBLIC WORKS DEPARTMENT

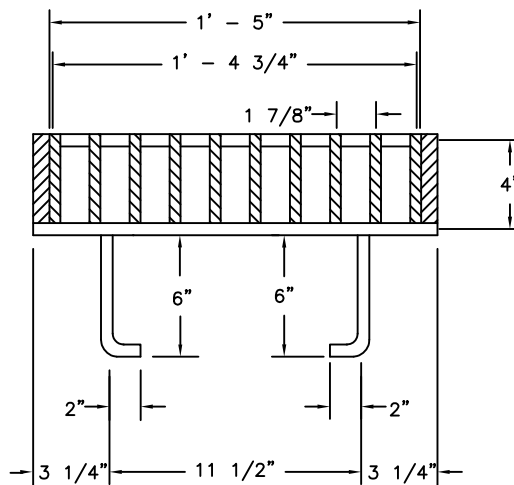
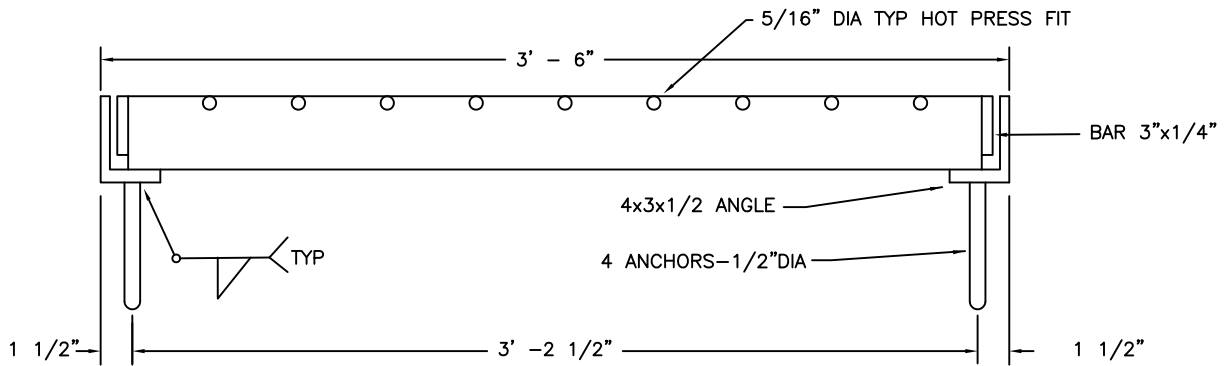
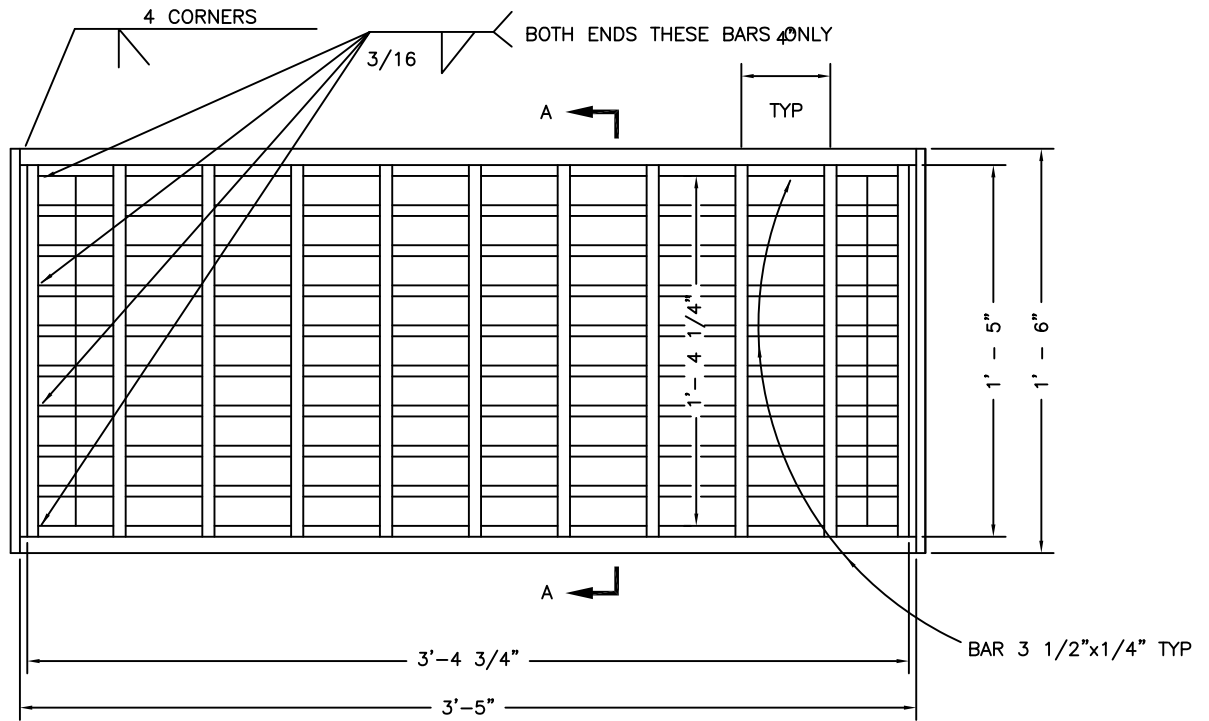
UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

TYPE B CURB INLET

CHECKED	DATE
APPROVED	DATE
REVISED	DATE

SD-4

DRAWING No.



NOTE:
 AT THE CONTRACTOR'S
 OPTION, END SPACING OF 5/16"
 CROSS RODS MAY BE 2".
 INTERIOR SPACING SHALL
 REMAIN 4".

SECTION A-A

FILE: CP-SD-5.DWG



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UNIFORM STANDARDS
 FOR
 PUBLIC WORKS CONSTRUCTION

CURB INLET B FRAME & GRATE

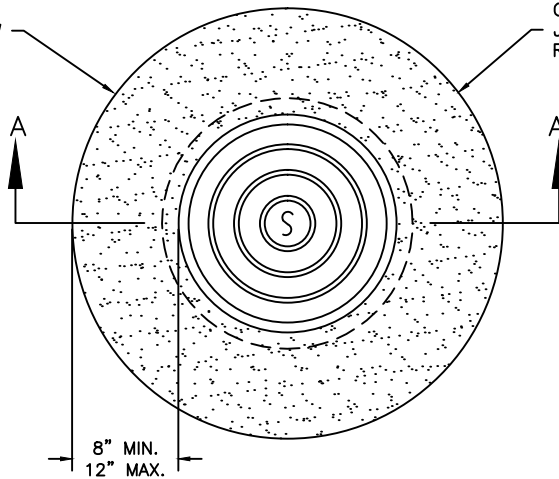
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APPROVED	DATE
REVISED	DATE

SD-5

DRAWING No.

SEE NOTES AND OPTIONS BELOW

CUT CIRCLE IN A.C. WITH SAW OR JACKHAMMER & SPADE BIT AND REMOVE PAVEMENT.



CAST IRON SUBURBAN COVER & FRAME PER OREGON APWA STD. DWG. RD356

MANHOLE RISER RINGS

EXISTING PAVEMENT

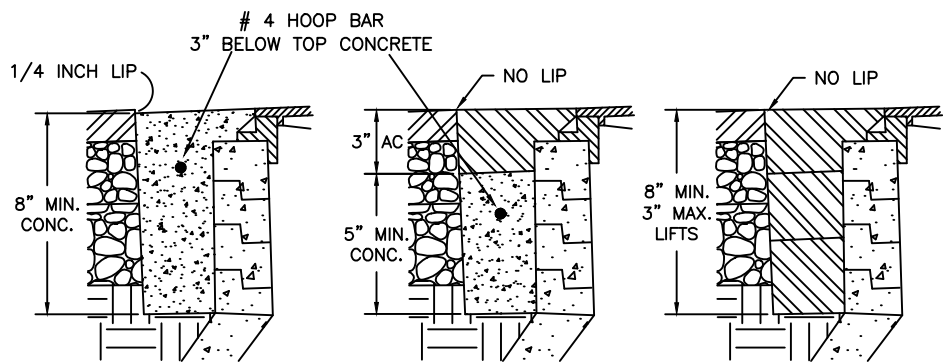
SEE OPTIONS BELOW

ROADWAY BASE

8" MIN.
12" MAX.

GROUT RINGS IN PLACE
-ADJUST TO GRADE

SECTION A-A



OPTION 1:
ALL CONCRETE

OPTION 2:
5" CONCRETE
3" AC

OPTION 3:
ALL AC
(SEE NOTE 2)

MANHOLE COLLAR OPTIONS

NOTES:

1. ALL CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 930.00.00 PORTLAND CEMENT CONCRETE (PCC)
2. AC TO BE CLASS "C" IN 3" MAX. LIFTS. ALL BUT TOP LIFT SHALL BE COMPACTED WITH PNEUMATIC TAMPER WITH 6" MAX. HEAD DIAMETER.

FILE: CP-SD-6.DWG



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PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

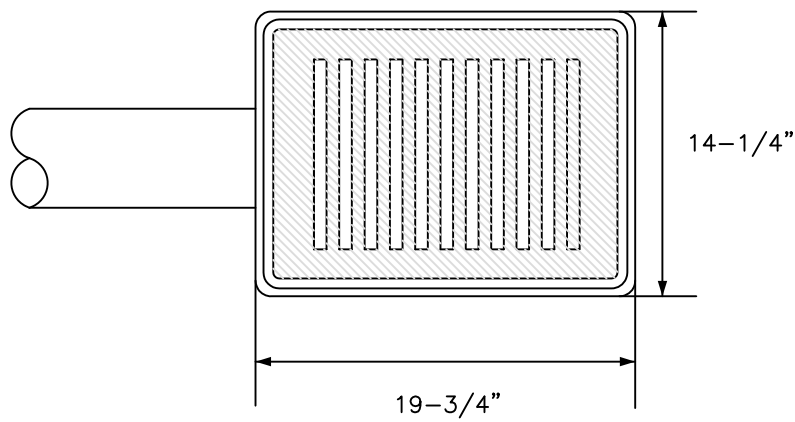
REVISED DATE

2/05/2016

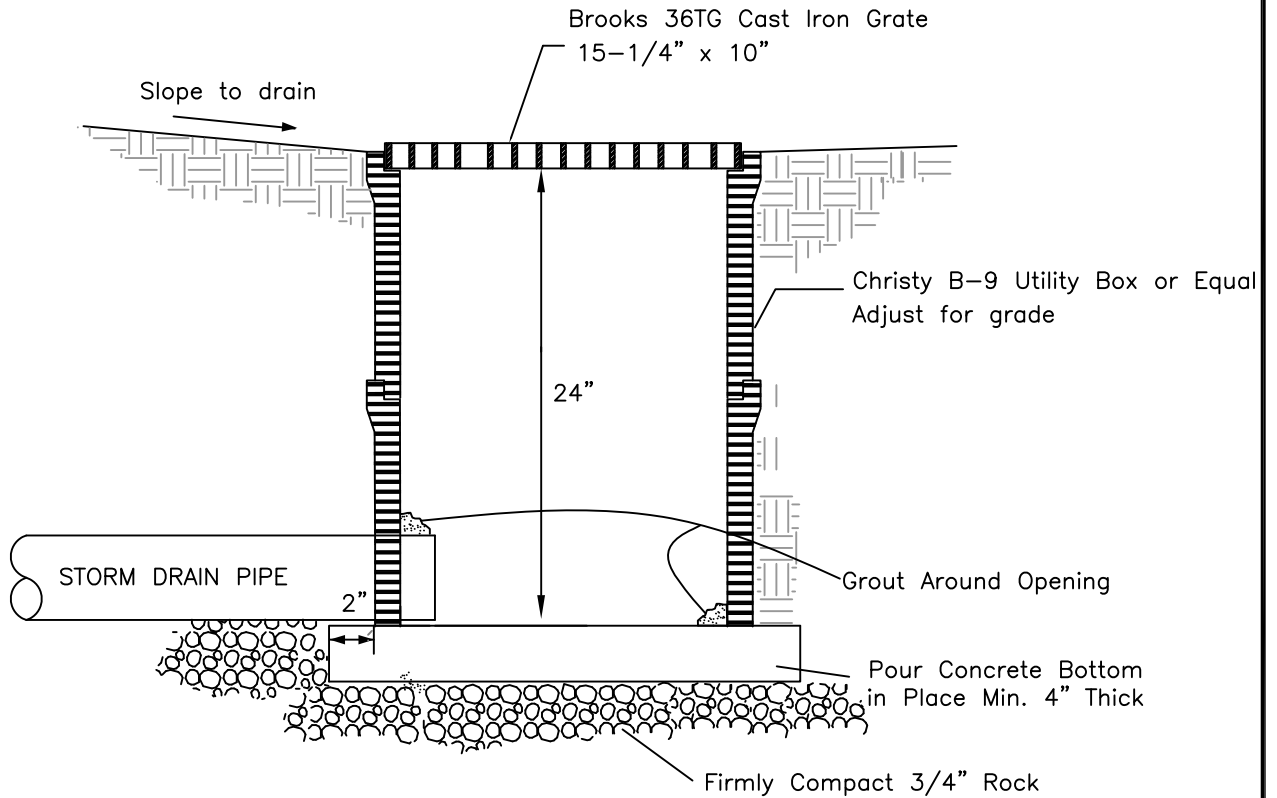
SD-6

MANHOLE ADJUSTMENT DETAIL

DRAWING No.



PLAN



PROFILE

TYPE "A" AREA DRAIN

For Storm Drain Pipes 6" Dia. or Less

FILE: CP-SD-7.DWG



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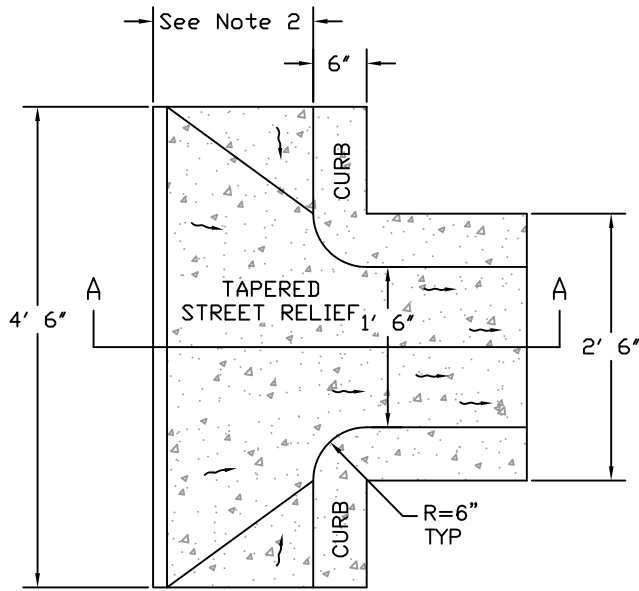
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TYPE 'A' AREA DRAIN

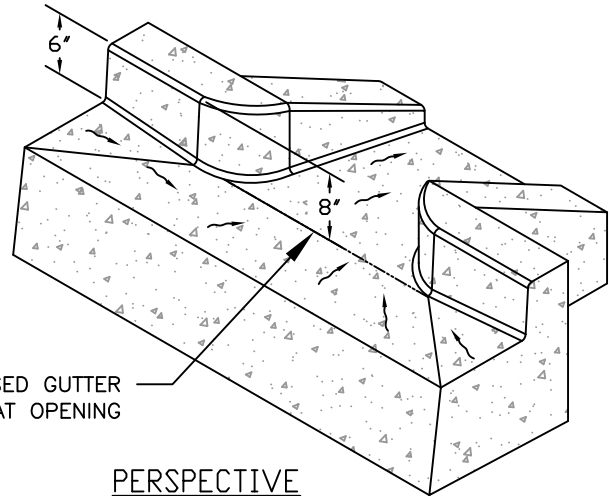
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SD-7

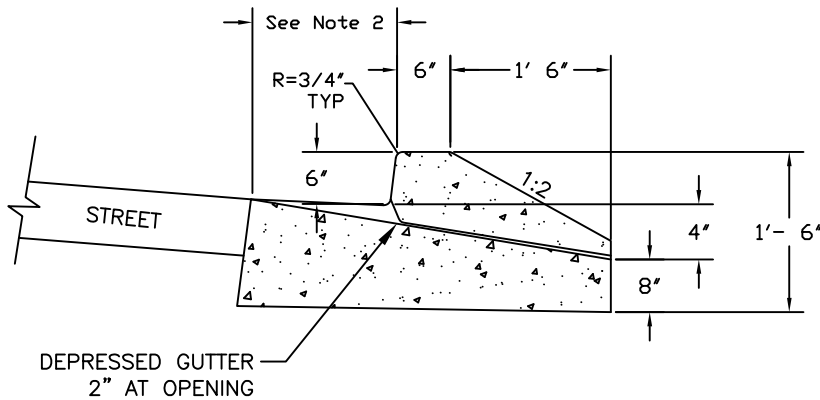
DRAWING No.



PLAN



PERSPECTIVE



SECTION A-A

LID Concrete Inlet with Wingwalls

NTS

NOTES:

1. For use with stormwater facilities with side slopes.
2. Refer to Standard Drawing A-6B. Match gutter pan of adjacent curb and gutter.
3. Metal Inlet assembly, SD-10, required on high traffic streets.

FILE: CP-SD-8.DWG



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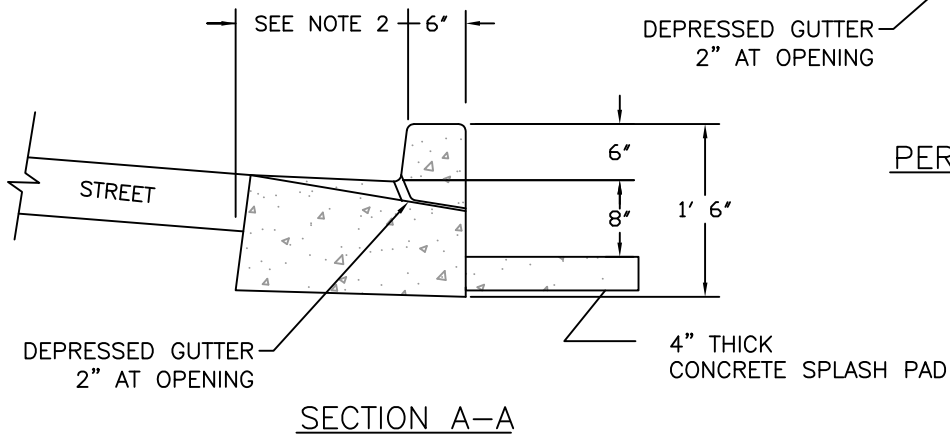
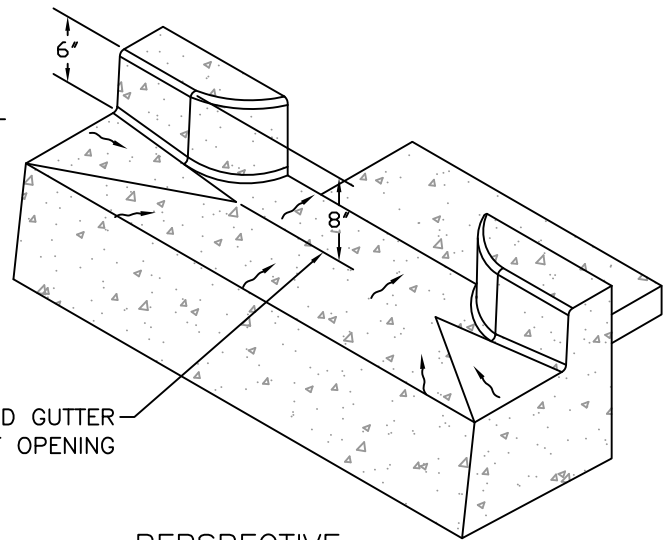
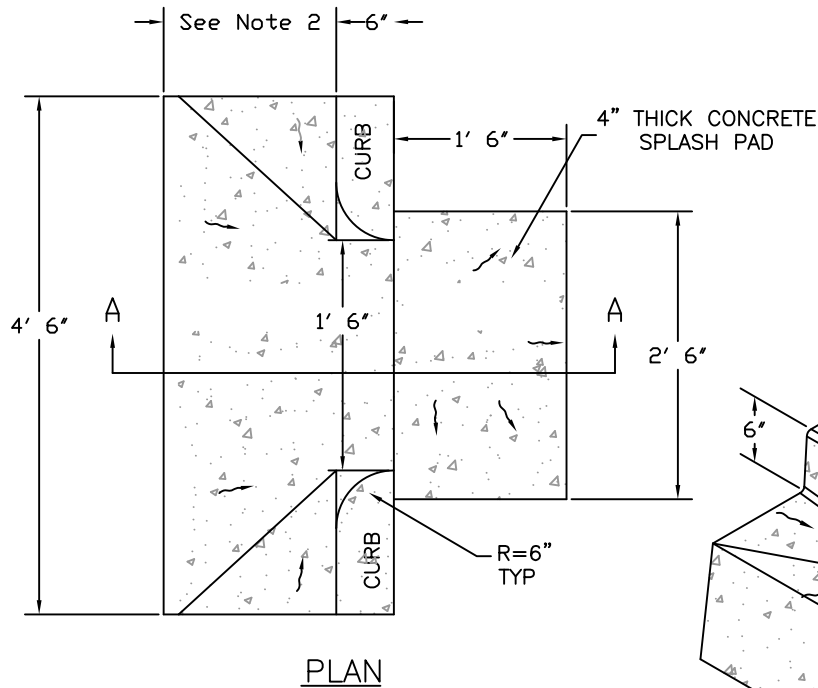
UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

LID Concrete Inlet with Wingwalls

CHECKED	DATE
APPROVED	DATE
REVISED	DATE

SD-8

DRAWING No.



LID Concrete Inlet

NTS

NOTES:

1. For use with stormwater facilities with side slopes.
2. Refer to Standard Drawing A-6B. Match gutter pan of adjacent curb and gutter.
3. Metal Inlet assembly, SD-10, required on high traffic streets.

FILE: CP-SD-9.DWG



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PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

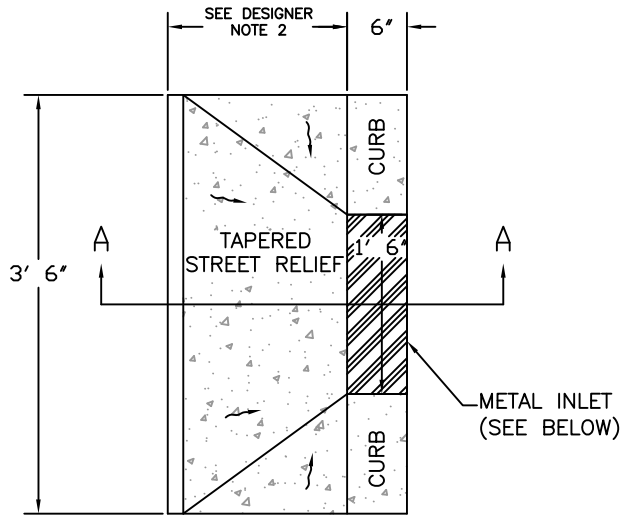
LID Concrete Inlet

REVISED DATE

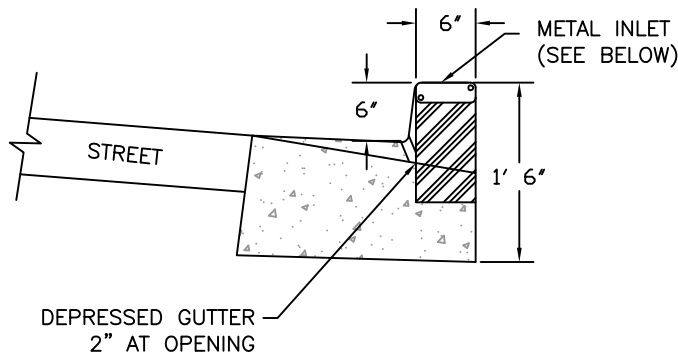
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SD-9

DRAWING No.

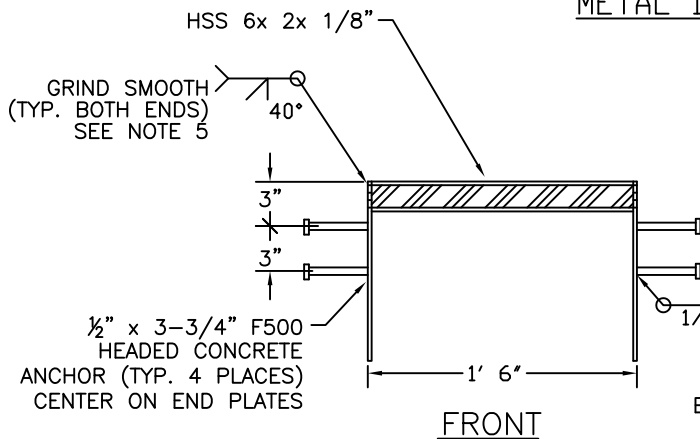


PLAN

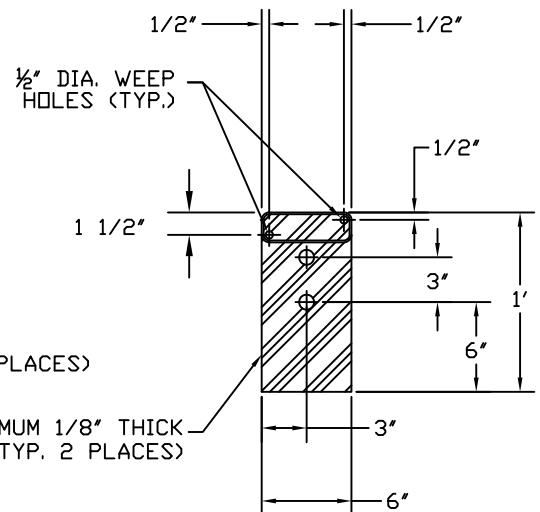


SECTION A-A

METAL INLET



FRONT



SIDE

LID Metal Inlet

NTS

DESIGNER INFORMATION:

1. Metal Inlets required on high traffic streets.
2. Curb and gutter use Drawing A-6B.
3. Metal Inlet assembly used with SD-8, SD9,
4. When using with SD-8, modify curb for Metal Inlet assembly.
5. Design vertical wheel load is 8.5kips (1/2 of tandem axes weight specified in FHWA-HOP-06-105.
6. Metal Inlet width can be modified to 2 ft if site conditions require a 2 ft interior inlet width.

CONSTRUCTION NOTES:

1. Headed concrete anchors shall meet the requirements of ASTM A-108.
2. HSS 6 x 2 x 1/8 Channel shall meet the requirements of ASTM A-500 Grade B.
3. End Plates shall meet the requirements of ASTM A-36.
4. Entire assembly shall be Hot-Dip Galvanized in accordance with ASTM A-123.
5. Single Bevel Groove Weld.

FILE: CP-SD-10.DWG



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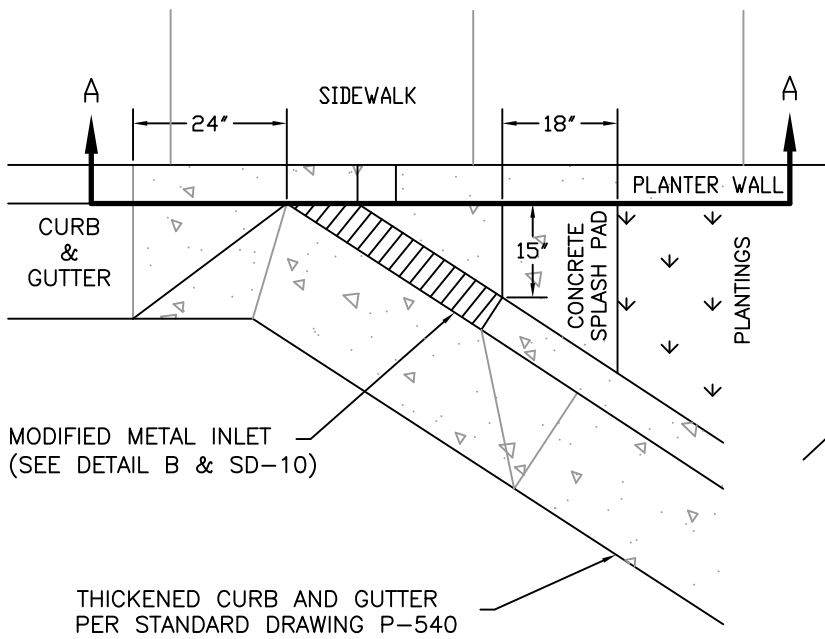
UNIFORM STANDARDS
FOR
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LID Metal Inlet

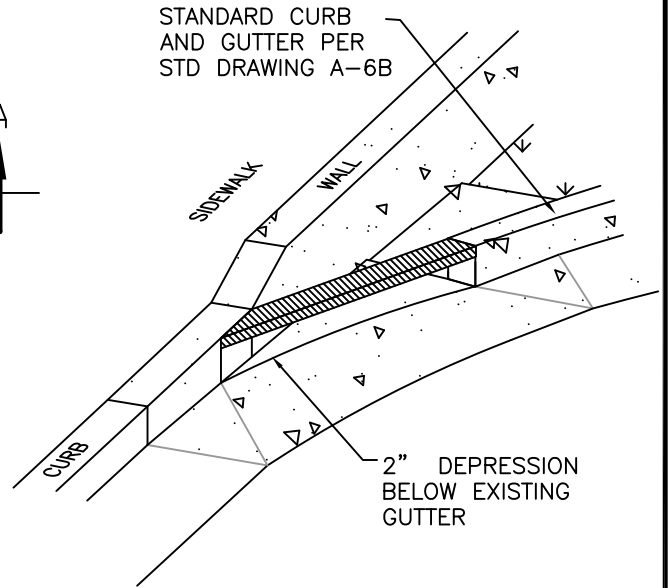
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SD-10

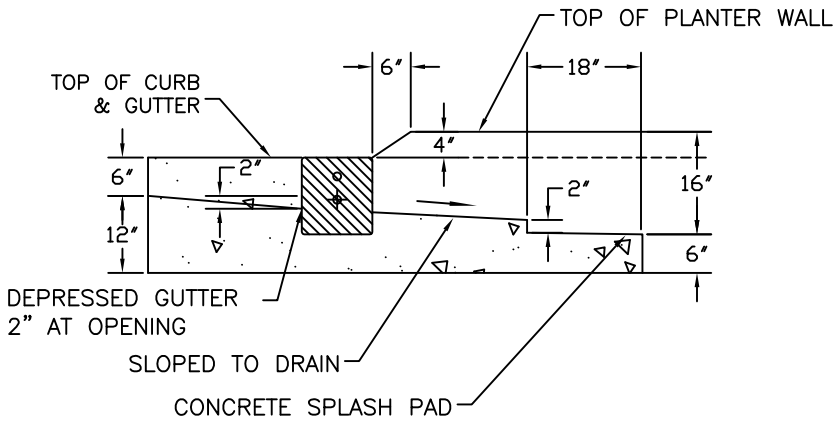
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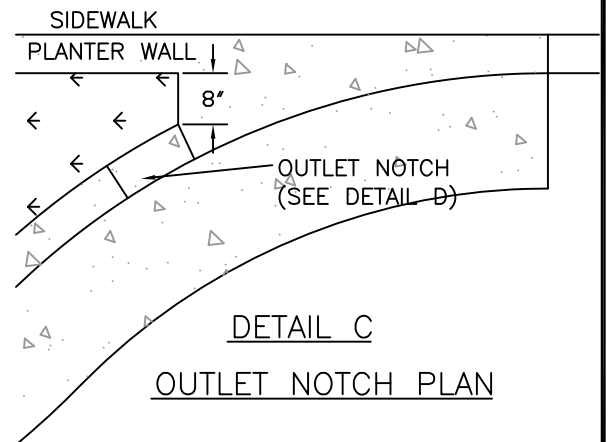
DETAIL A - INLET PLAN



DETAIL B
INLET PERSPECTIVE



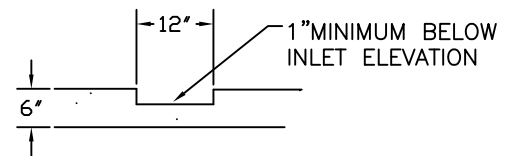
SECTION A-A



DETAIL C
OUTLET NOTCH PLAN

DESIGNER INFORMATION:

1. Additional inlets can be added if necessary (preferably immediately downstream of each check dam to minimize potential backflow).
2. Sawcut beyond facility and transition existing curb to new curb and gutter at 1" per foot as necessary.
3. Inlet may be modified to maximize flow entry to stormwater facility.



DETAIL D - OUTLET NOTCH

LID Inlet & Outlet for Curb Extensions

NTS

FILE: CP-SD-11.DWG



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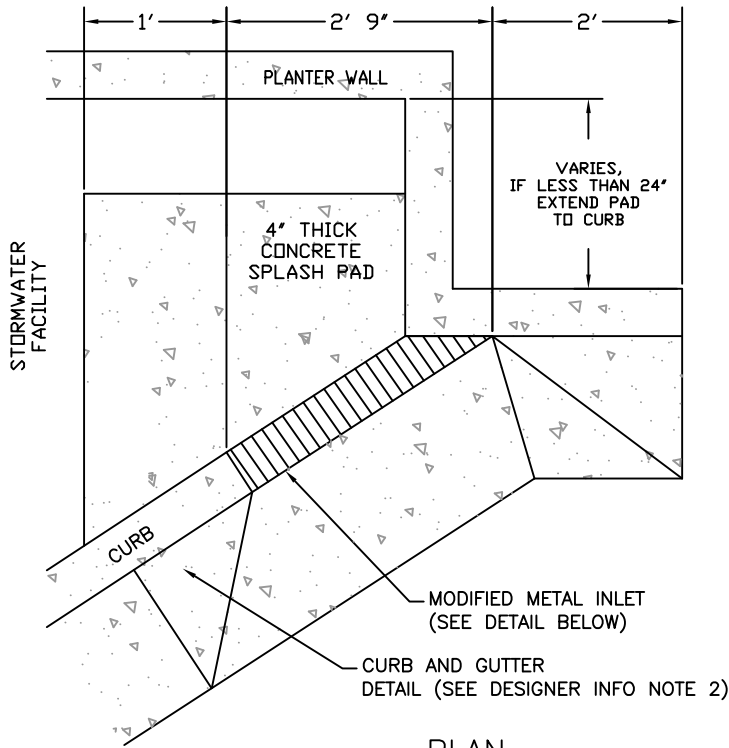
UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

LID Inlet & Outlet for Curb Extensions

CHECKED	DATE
APPROVED	DATE
REVISED	DATE

SD-11

DRAWING No.



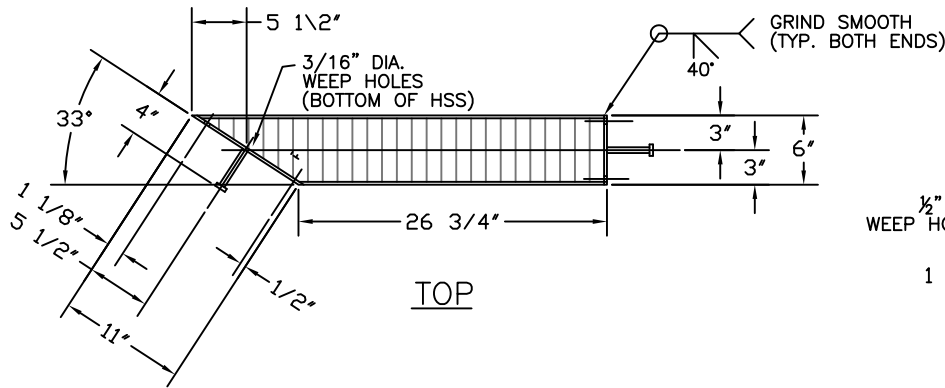
PLAN

DESIGNER INFORMATION:

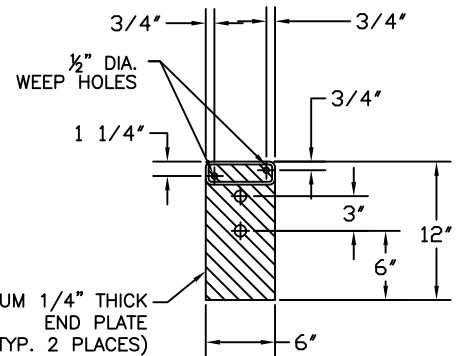
1. Splash pad are required at all inlets.
2. Refer to Standard Drawing A-6B. Match gutter pan of adjacent curb and gutter.
3. Design vertical wheel load is 8.5kips (1/2 of tandem axle weight specified in FHWA-HOP-06-105).

CONSTRUCTION NOTES:

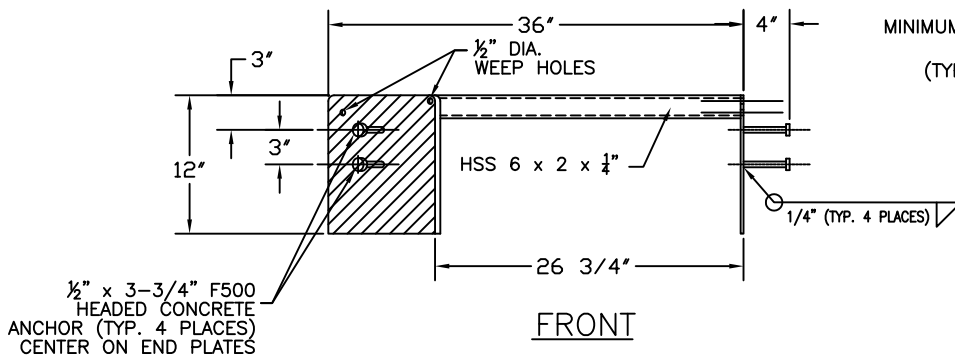
1. Headed concrete anchors shall meet the requirements of ASTM A-108.
2. HSS 6 x 2 x 1/4 Channel shall meet the requirements of ASTM A-500 Grade B.
3. End Plates shall meet the requirements of ASTM A-36.
4. Entire assembly shall be Hot-Dip Galvanized in accordance with ASTM A-123.
5. Single Bevel Groove Weld.



TOP



END PLATE DETAIL



FRONT

LID Modified Metal Inlet Assembly

NTS

FILE: CP-SD-12.DWG



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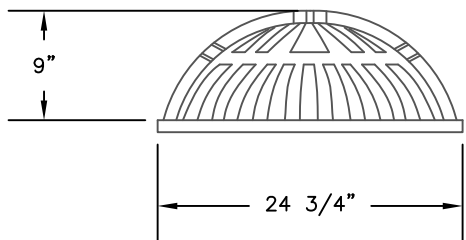
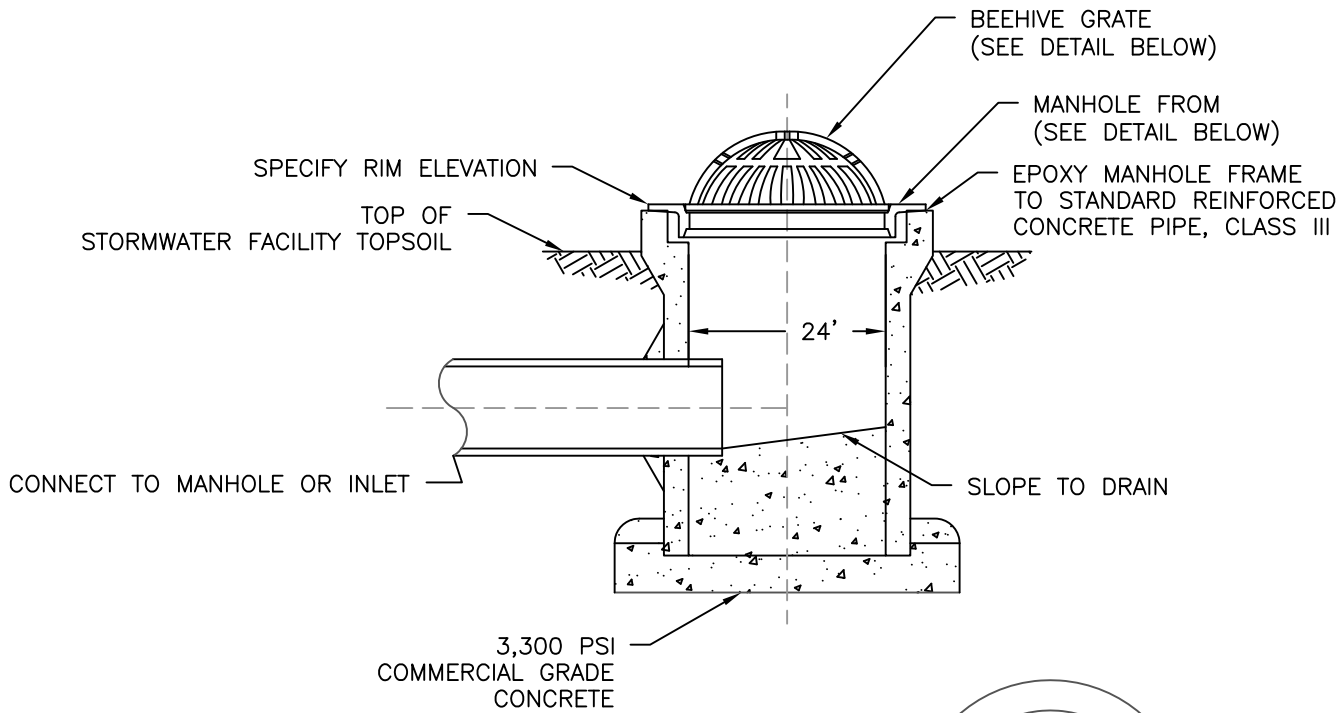
UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

LID Modified Metal Inlet Assembly

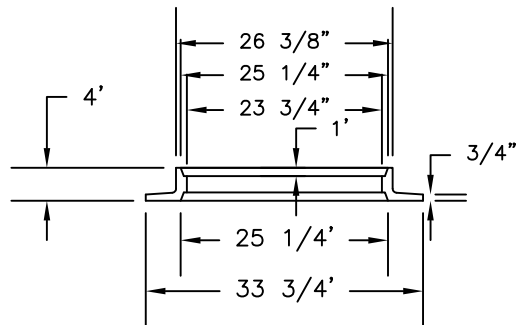
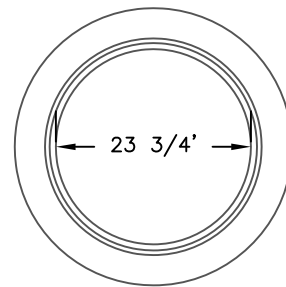
CHECKED	DATE
APPROVED	DATE
REVISED	DATE

SD-12

DRAWING No.



BEEHIVE GRATE
NTS



24"x4" REVERSIBLE MANHOLE FRAME
NTS

DESIGNER INFORMATION

1. Size inlet based on calculated flows & manufacturers recommendations.

CONSTRUCTION NOTE

1. Grate to be cast iron, ASTM A48 CL30.

FILE: CP-SD-13.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

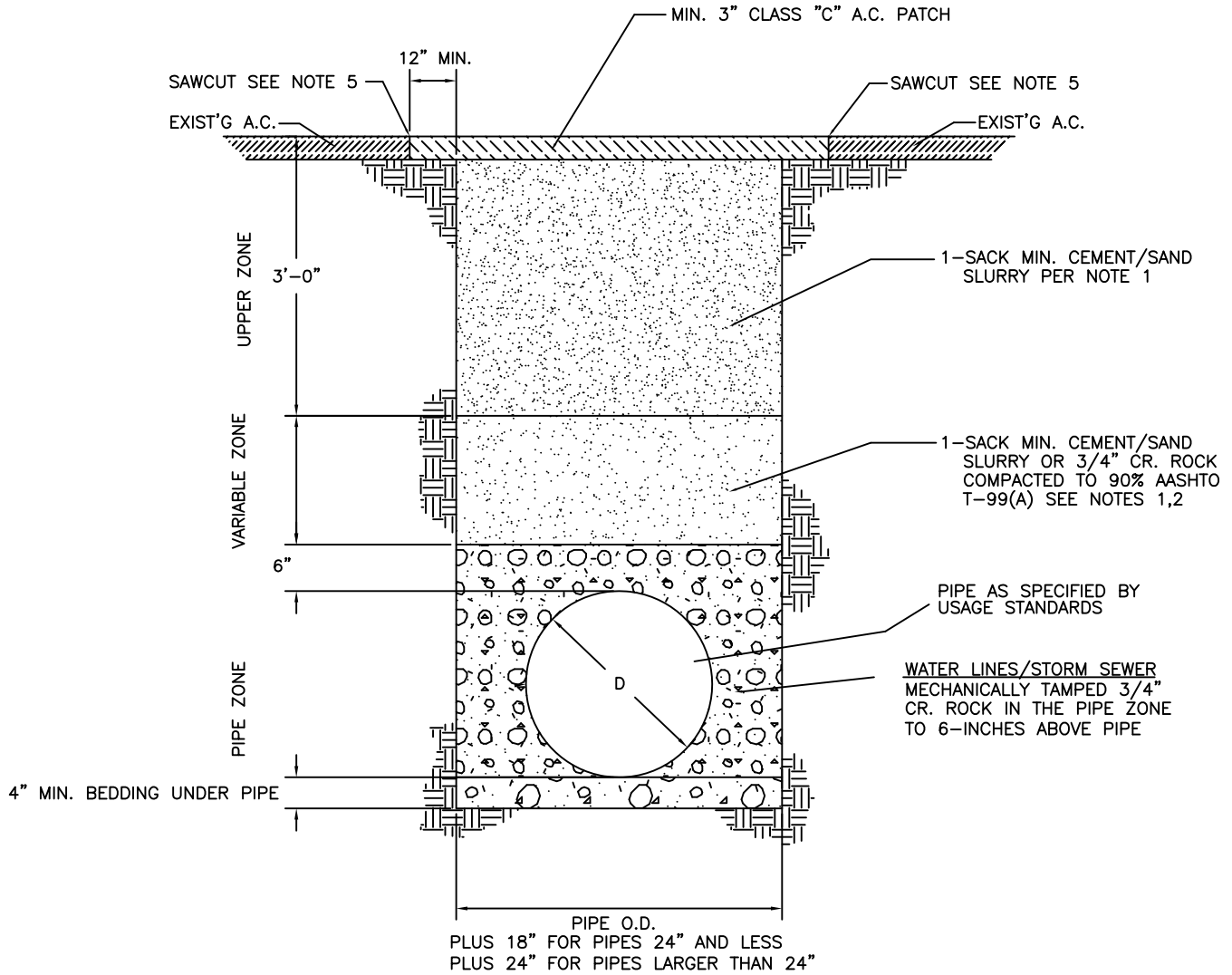
UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

STORMWATER OVERFLOW STRUCTURES

CHECKED	DATE
APPROVED	DATE
MHO REVISED	3/06/14 DATE

SD-13

DRAWING No.



TRENCH SECTION UNDER EXISTING PAVING

NO SCALE

NOTES:

1. ONE (1) SACK CEMENT/ SAND SLURRY MIX MEETING REQUIREMENTS OF SECTION 945.0.0 UNDER EXISTING PAVING.
2. 3/4-INCH CRUSHED ROCK MEETING REQUIREMENTS OF SECTION 910.11.01
3. COLD MIX AC MAY BE USED AS TEMPORARY PATCH ONLY.
4. ALL STEEL TRAFFIC PLATES IN TRAVELED AREAS MUST BE "RAMPED" WITH PLATE LOCKS TO ALLOW SMOOTHER TRANSITION.
 - a) MINIMUM 12" LAP OF STEEL PLATES ONTO EXISTING PAVEMENT
 - b) MINIMUM 3/4" STEEL PLATE THICKNESS.
5. AFTER BACKFILL HAS BEEN PLACED, UTILIZE A "T-CUT" METHOD IN THE EXISTING ASPHALT BY SAW CUTTING A MINIMUM OF 6" WIDER THAN THE TRENCH ON EACH SIDE INCLUDING UNDERMINED AREAS.

FILE: CP-T-1.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

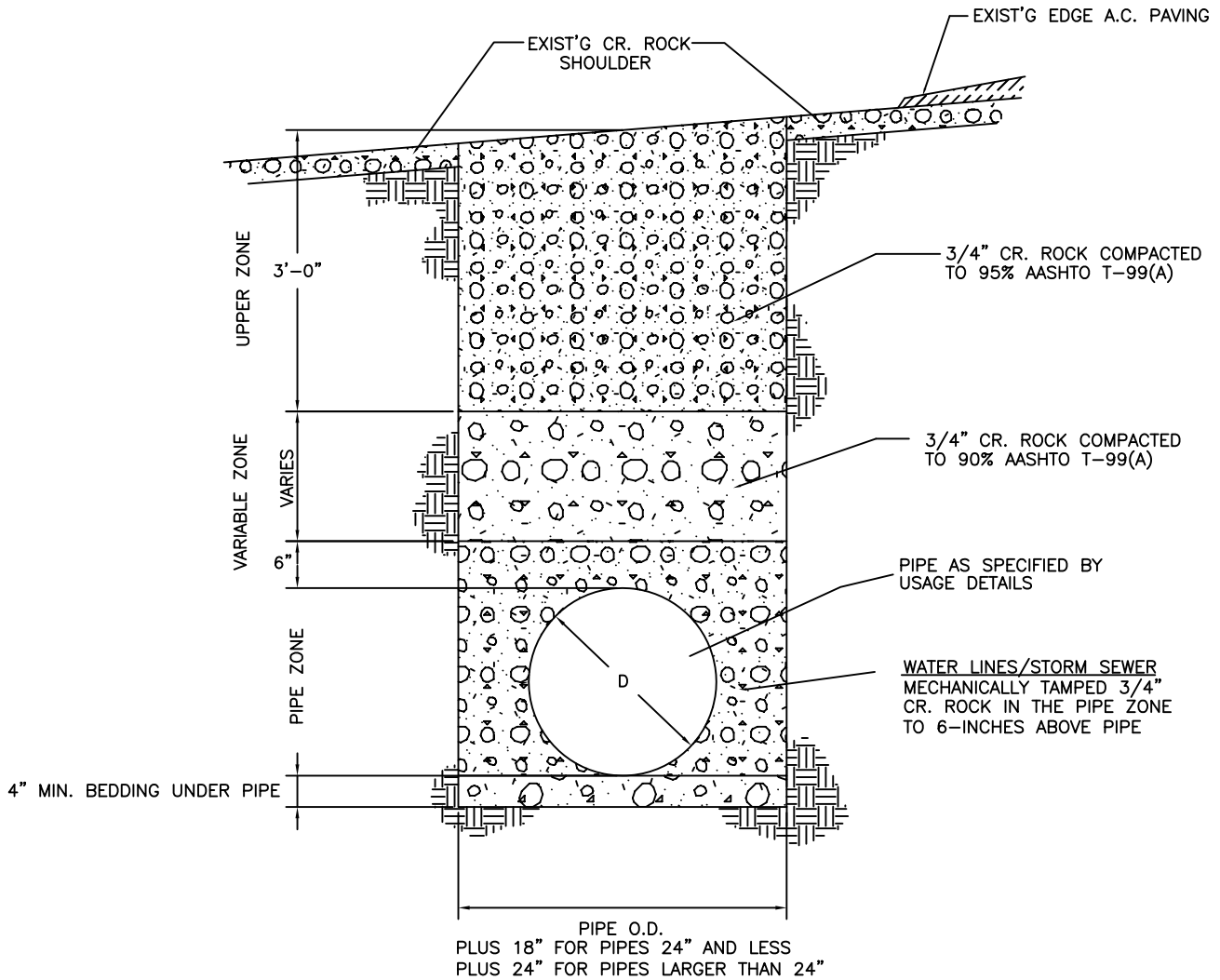
TRENCH SECTION

REVISED DATE

2/05/2016

T-1

DRAWING No.



TRENCH SECTION UNDER SHOULDER

NO SCALE

NOTES:

1. 3/4-INCH CRUSHED ROCK MEETING REQUIREMENTS OF SECTION 910.11.01 FOR APPLICABLE TRENCH ZONE

FILE: CP-T-2.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

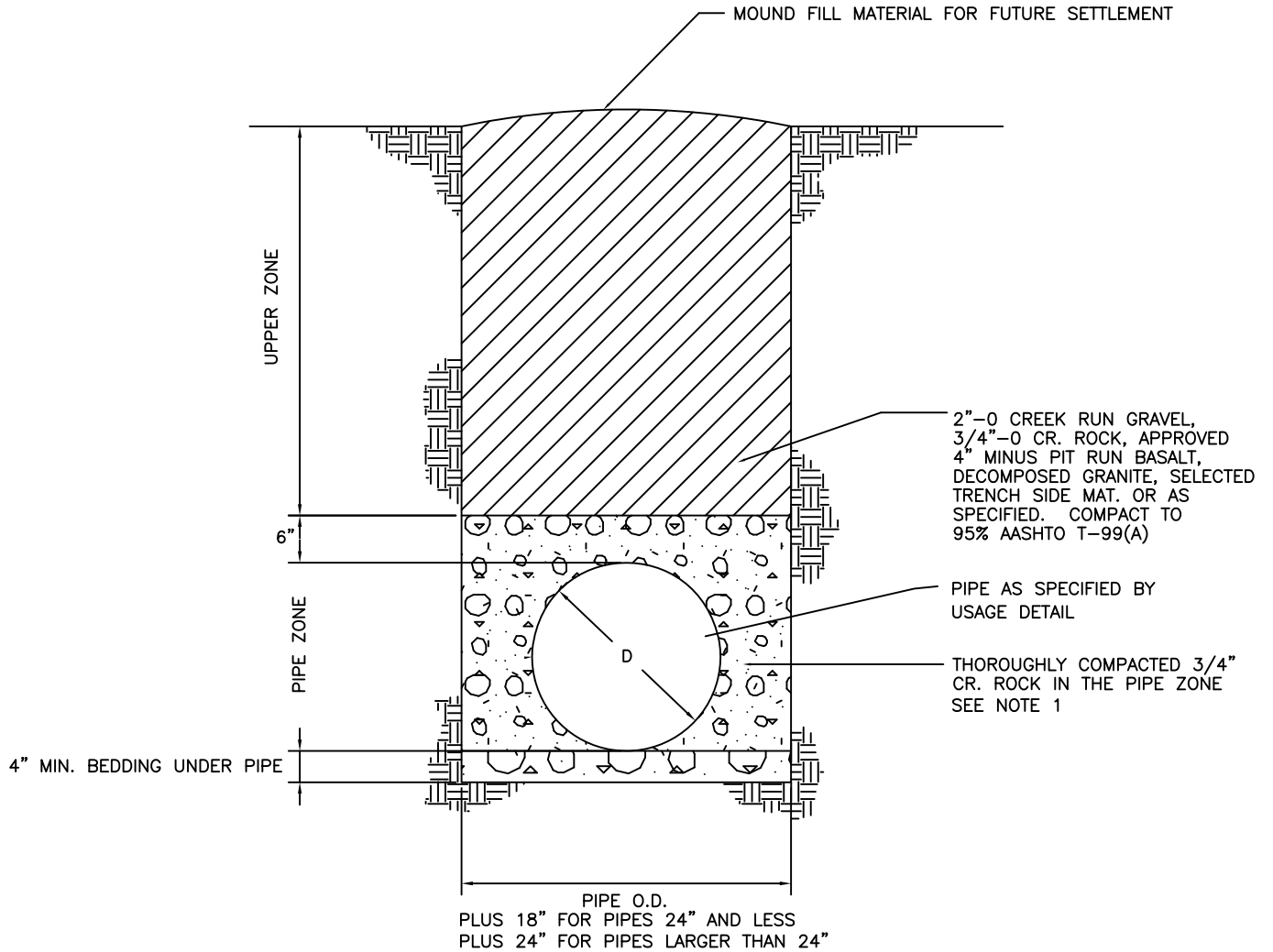
TRENCH SECTION

REVISED DATE

2/05/2016

T-2

DRAWING No.



TRENCH SECTION IN OPEN GROUND

NO SCALE

NOTES:

1. 3/4-INCH CRUSHED ROCK MEETING REQUIREMENTS OF SECTION 910.11.01

FILE: CP-T-3.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

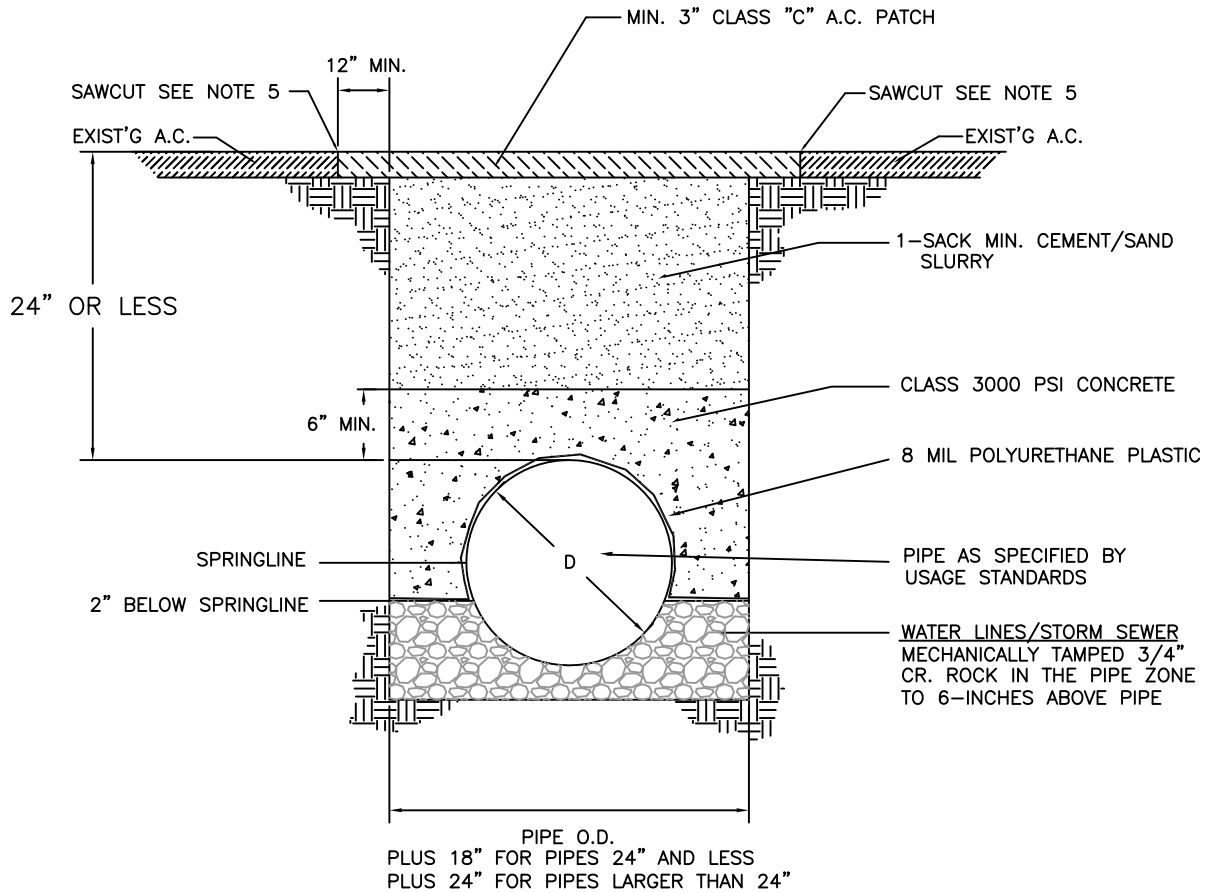
TRENCH SECTION

REVISED DATE

2/05/2016

T-3

DRAWING No.



SHALLOW TRENCH SECTION UNDER TRAVELED WAY

CONCRETE CAP DETAIL

NO SCALE

NOTES:

1. ONE (1) SACK CEMENT/ SAND SLURRY MIX MEETING REQUIREMENTS OF SECTION 945.0.0 UNDER EXISTING PAVING.
2. 3/4-INCH CRUSHED ROCK MEETING REQUIREMENTS OF SECTION 910.11.01
3. COLD MIX AC MAY BE USED AS TEMPORARY PATCH ONLY.
4. ALL STEEL TRAFFIC PLATES IN TRAVELED AREAS MUST BE "RAMPED" WITH PLATE LOCKS TO ALLOW SMOOTHER TRANSITION.
 - a) MINIMUM 12" LAP OF STEEL PLATES ONTO EXISTING PAVEMENT.
 - b) MINIMUM 3/4" STEEL PLATE THICKNESS.
5. AFTER BACKFILL HAS BEEN PLACED, UTILIZE A "T-CUT" METHOD IN THE EXISTING ASPHALT BY SAW CUTTING A MINIMUM OF 6" WIDER THAN THE TRENCH ON EACH SIDE INCLUDING UNDERMINED AREAS.

FILE: CP-T-4.DWG



CITY OF
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PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

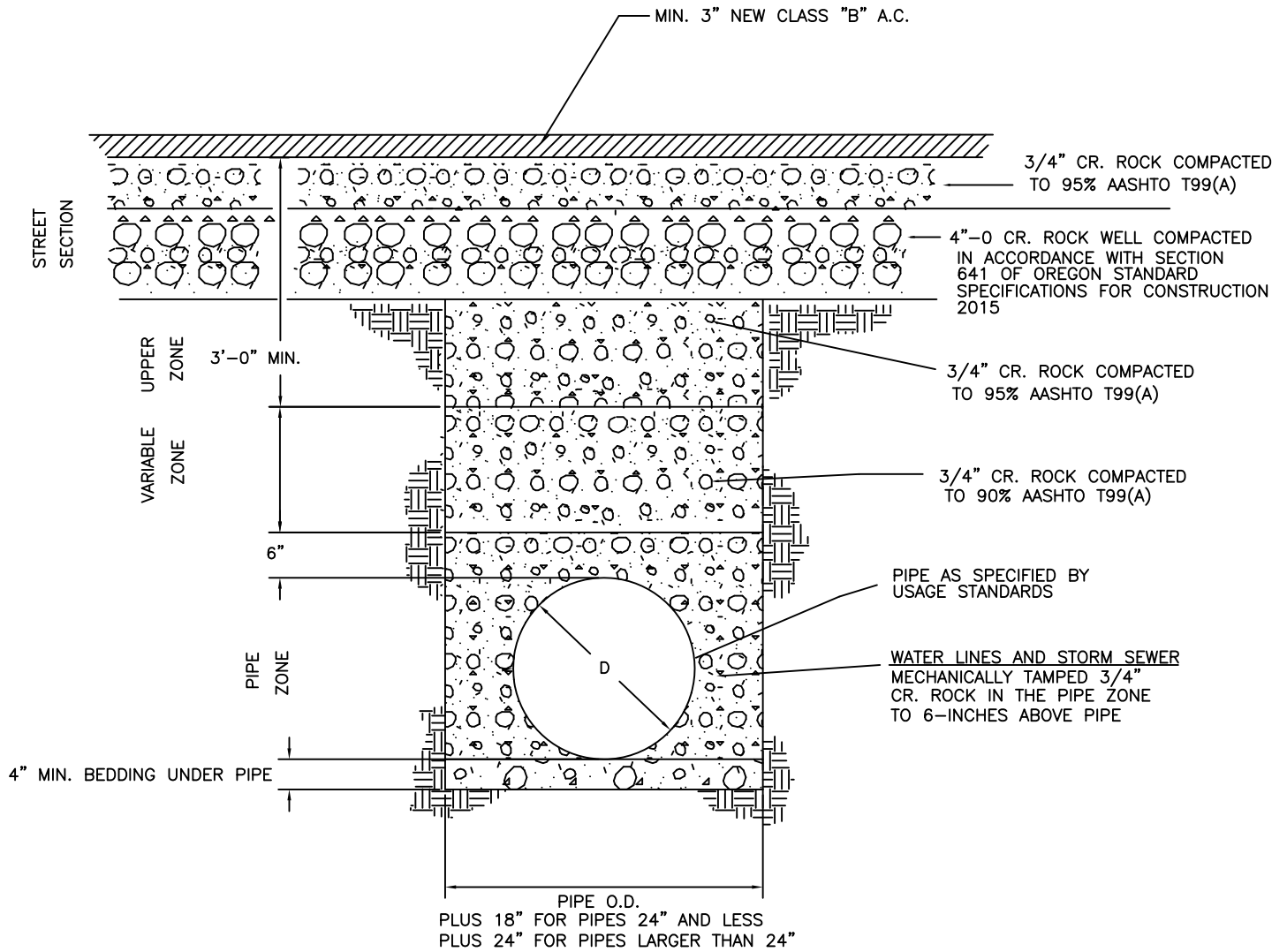
TRENCH SECTION

REVISED

2/05/2016

T-4

DRAWING No.



TRENCH SECTION UNDER NEW PAVING

NO SCALE

NOTES:

1. 3/4-INCH CRUSHED ROCK MEETING REQUIREMENTS OF SECTION 910.11.01 FOR APPLICABLE TRENCH ZONE

FILE: CP-T-5.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

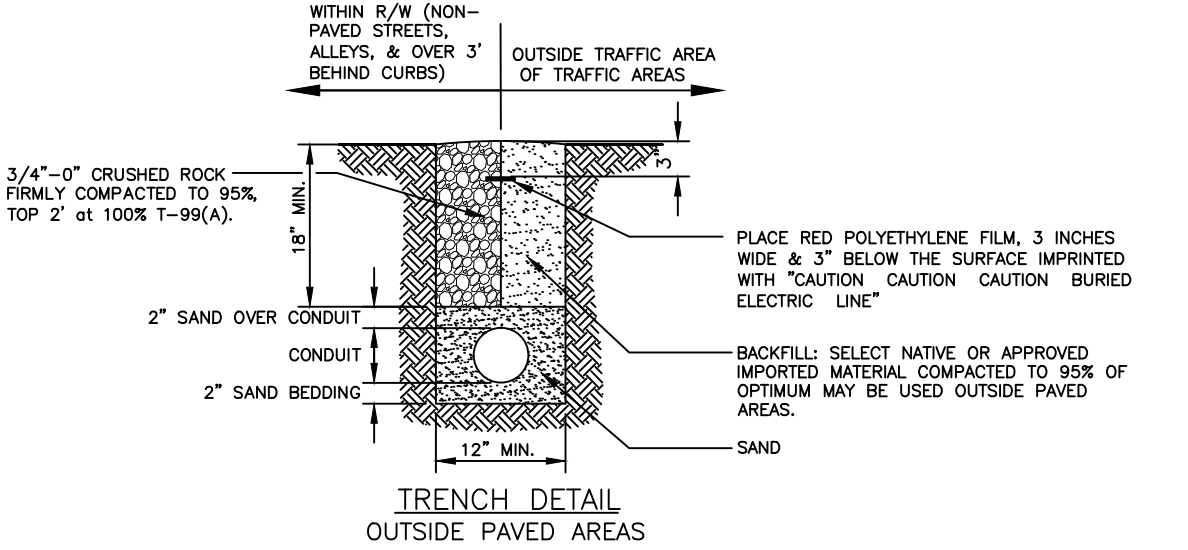
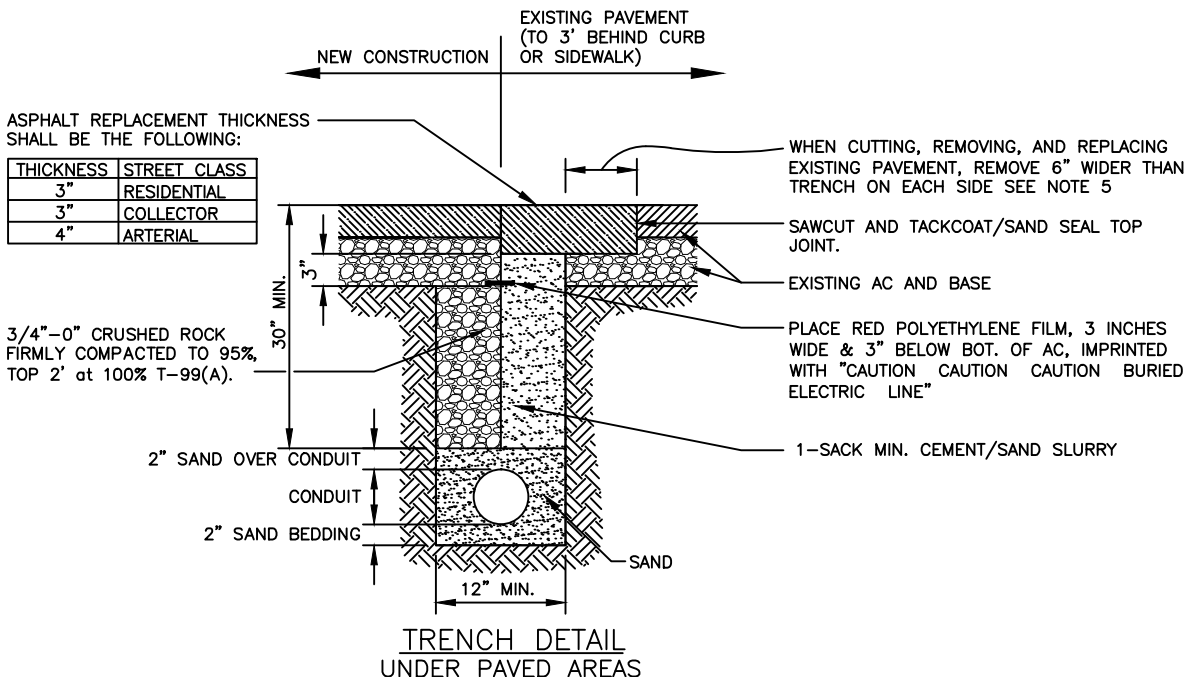
TRENCH SECTION

REVISED DATE

2/05/2016

T-5

DRAWING No.

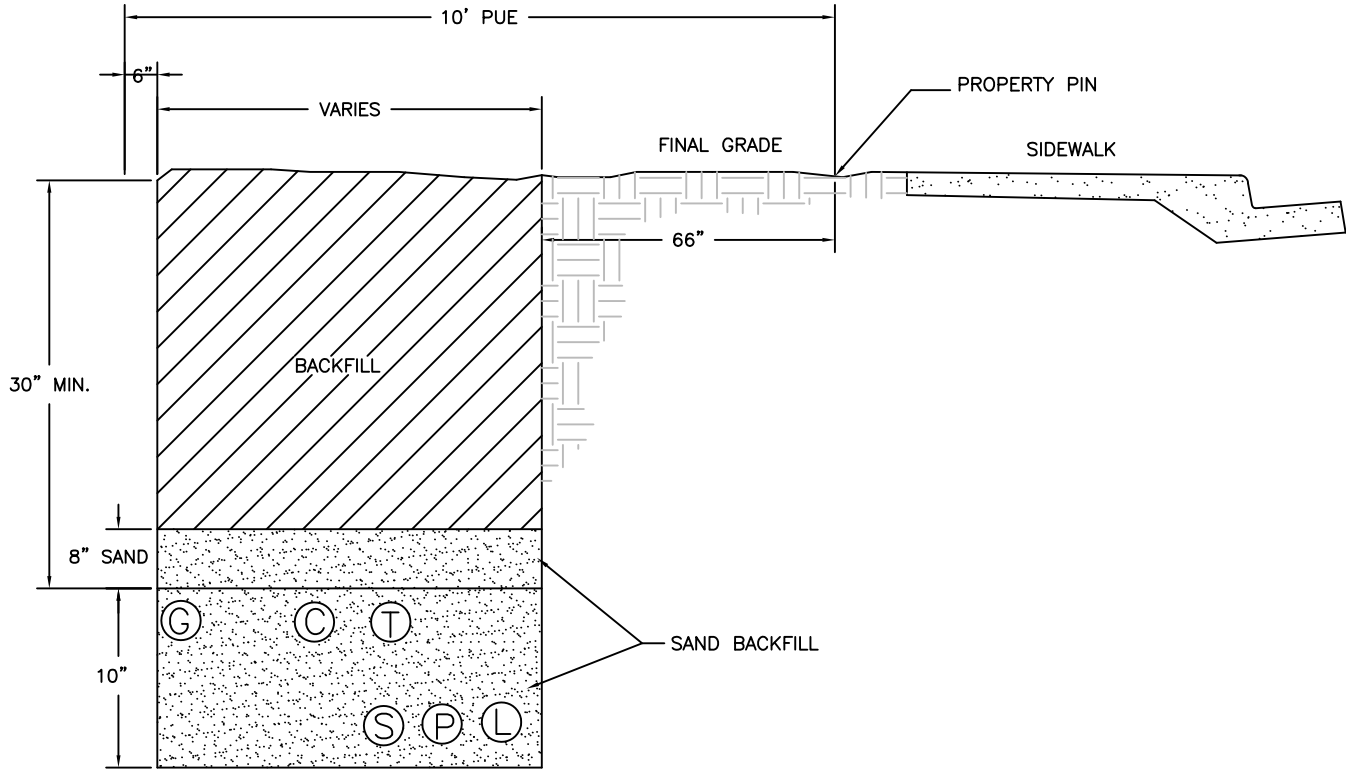


ELECTRICAL CONDUIT TRENCH

NOTES:

1. ONE (1) SACK CEMENT/ SAND SLURRY MIX MEETING REQUIREMENTS OF SECTION 945.0.0 UNDER EXISTING PAVING.
2. 3/4-INCH CRUSHED ROCK MEETING REQUIREMENTS OF SECTION 910.11.01
3. COLD MIX AC MAY BE USED AS TEMPORARY PATCH ONLY, TRENCH MUST PLATED IF NOT ACTIVELY BEING WORKED ON.
4. ALL STEEL TRAFFIC PLATES IN TRAVELED AREAS MUST BE "RAMPED" WITH PLATE LOCKS TO ALLOW SMOOTHER TRANSITION.
 - a) MINIMUM 12" LAP OF STEEL PLATES ONTO EXISTING PAVEMENT.
 - b) MINIMUM 3/4" STEEL PLATE THICKNESS.
5. AFTER BACKFILL HAS BEEN PLACED, UTILIZE A "T-CUT" METHOD IN THE EXISTING ASPHALT BY SAW CUTTING A MINIMUM OF 6" WIDER THAN THE TRENCH ON EACH SIDE INCLUDING UNDERMINED AREAS.
6. ALL SAND BEDDING WITHIN THE PAVED SECTION OF THE STREET, WILL BE COMPACTED PER SECTION 910.11.01(C)

FILE: CP-T-6.DWG



PUBLIC UTILITY EASEMENTS AND SHOULDERS FOR MAIN UTILITY RUNS

NOTES:

1. MINIMUM SEPARATION OF ELECTRIC, TELEPHONE, AND CATV IS 12".
2. MINIMUM SEPARATION OF GAS AND ELECTRIC IS 36".
3. MINIMUM 4" OF SAND ON ALL SIDES OF UTILITY LINES.
4. BACKFILL SHALL BE FREE OF LARGE OR SHARP ROCKS.
5. SAND MUST PASS THROUGH A NO. 10 SIEVE FRAME.
6. GRADE TO BE WITHIN 2% OF FINAL BEFORE UTILITY PLACEMENT.
7. CONTACT T.V. AND UTILITY COMPANIES BEFORE CONSTRUCTION.
8. CONDUIT FOR ELECTRIC, AND TELEPHONE SHALL BE FURNISHED BY THE DEVELOPER/ CONTRACTOR. CONDUIT FOR T.V. SHALL BE FURNISHED BY LOCAL CABLE COMPANY. CONSULT WITH APPROPRIATE AGENCY FOR CONDUIT TYPES AND SIZES.
9. ALL SAND BEDDING WITHIN THE PAVED SECTION OF THE STREET, WILL BE COMPACTED PER SECTION 910.11.01(C)

FILE: CP-U-1A.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

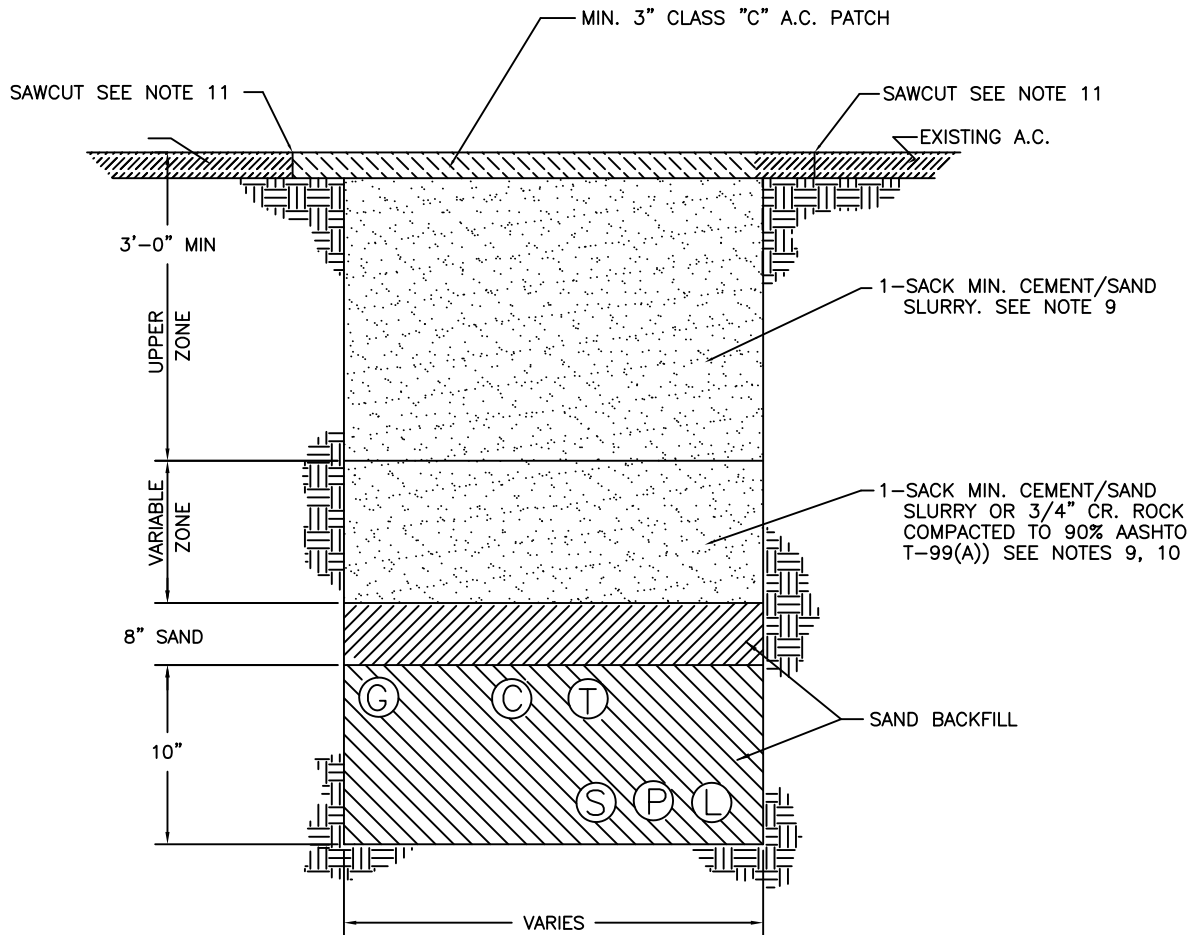
UTILITY TRENCH

REVISED DATE

2/05/2016

U-1A

DRAWING No.



UTILITIES TRENCH UNDER EXISTING PAVEMENT

NO SCALE

NOTES:

1. MINIMUM SEPARATION OF ELECTRIC, TELEPHONE, AND CATV IS 12".
2. MINIMUM SEPARATION OF GAS AND ELECTRIC IS 36".
3. MINIMUM 4" OF SAND ON ALL SIDES OF UTILITY LINES.
4. BACKFILL SHALL BE FREE OF LARGE OR SHARP ROCKS.
5. SAND MUST PASS THROUGH A NO. 10 SIEVE FRAME.
6. GRADE TO BE WITHIN 2% OF FINAL BEFORE UTILITY PLACEMENT.
7. CONTACT T.V. AND UTILITY COMPANIES BEFORE CONSTRUCTION.
8. CONDUIT FOR ELECTRIC, AND TELEPHONE SHALL BE FURNISHED BY THE DEVELOPER/ CONTRACTOR. CONDUIT FOR T.V. SHALL BE FURNISHED BY LOCAL CABLE COMPANY. CONSULT WITH APPROPRIATE AGENCY FOR CONDUIT TYPES AND SIZES.
9. ONE (1) SACK CEMENT/ SAND SLURRY MIX MEETING REQUIREMENTS OF SECTION 945.00.00 UNDER EXISTING PAVING.
10. 3/4-INCH CRUSHED ROCK MEETING REQUIREMENTS OF SECTION 910.11.01
11. AFTER BACKFILL HAS BEEN PLACED, UTILIZE A "T-CUT" METHOD IN THE EXISTING ASPHALT BY SAW CUTTING A MINIMUM OF 6" WIDER THAN THE TRENCH ON EACH SIDE INCLUDING UNDERMINED AREAS.
12. ALL SAND BEDDING WITHIN THE PAVED SECTION OF THE STREET, WILL BE COMPACTED PER SECTION 910.11.01(C)

FILE: CP-U-1B.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

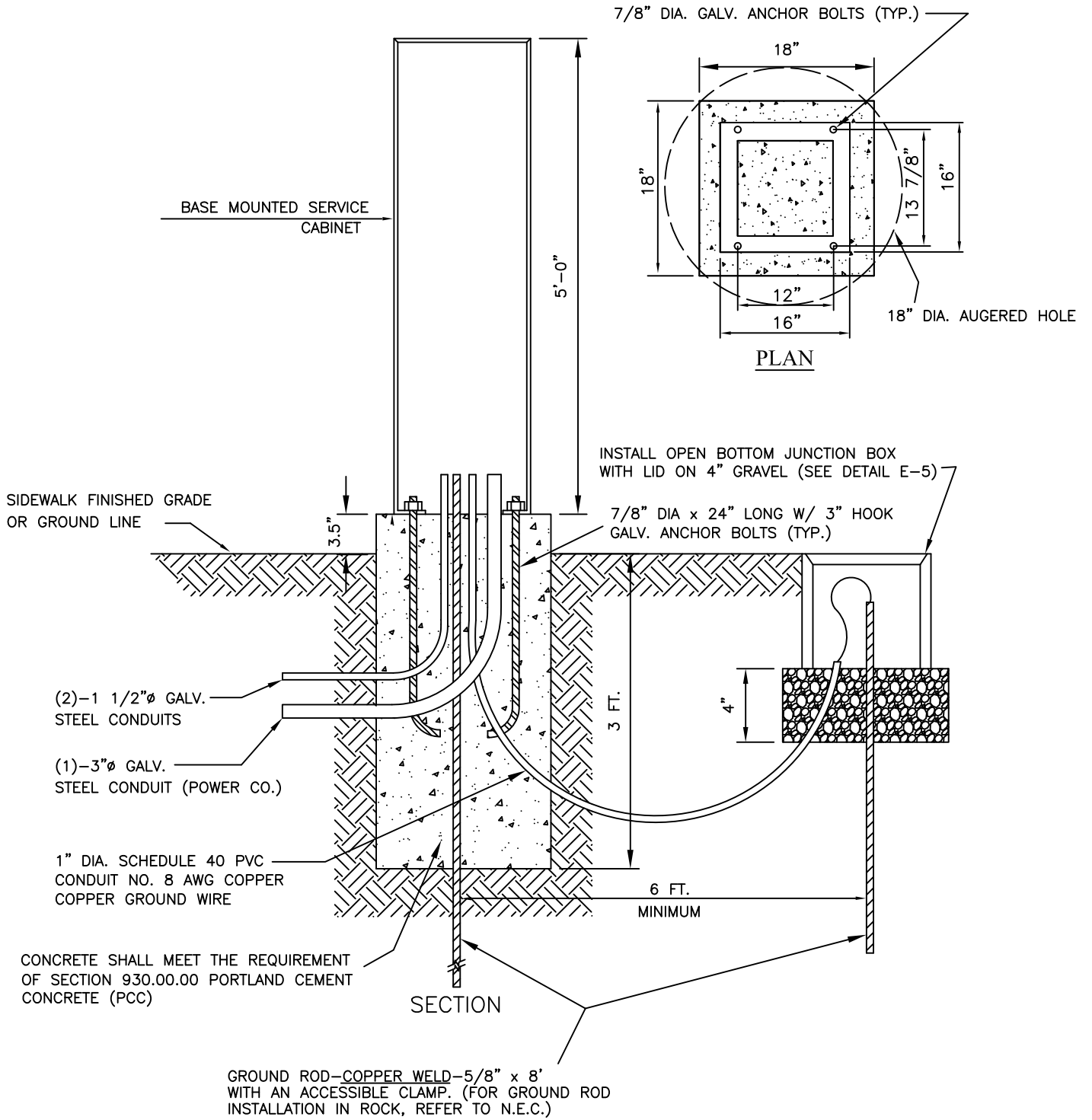
UTILITY TRENCH

REVISED DATE

10/28/2016

U-1B

DRAWING No.



BMC-2 FOUNDATION DETAIL

NO SCALE

FILE: CP-E-1.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

BMC-2 FOUNDATION

REVISED DATE

2/05/2016

E-1

DRAWING No.

DETAILS

NEMA 3R CABINET

U.L. "PANEL BOARD SUITABLE FOR SERVICE EQUIPMENT"

ALL COPPER BUS, SILVER PLATED 130A

MAIN BREAKER: GE TYPE TED
 60 A 2 POLE 18,000 AC @ 480 V
 60 A 1 POLE 14,000 AC @ 277 V
 OR AS NOTED ON PLANS

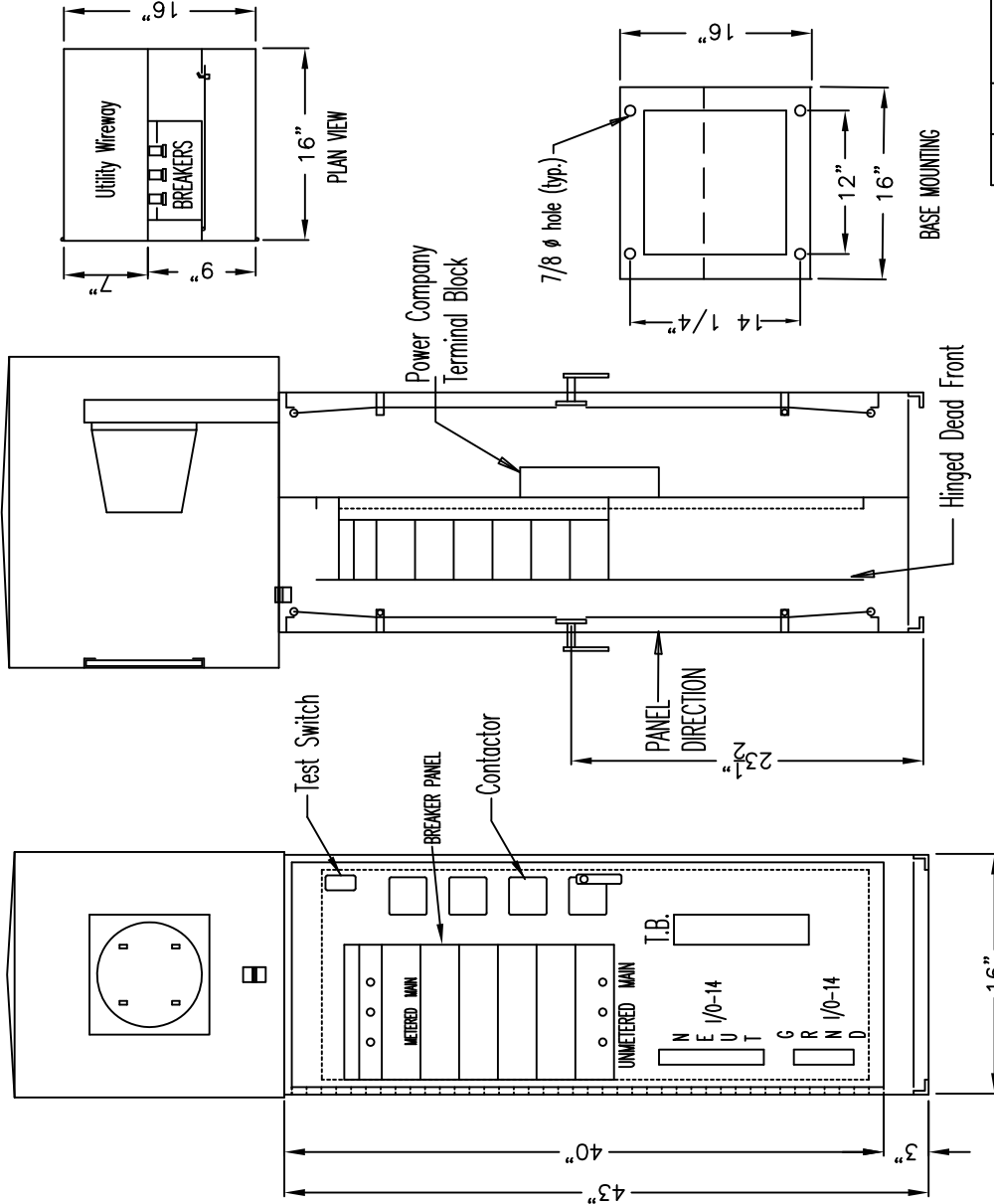
SERVICE VOLTAGE: 120 / 240 V 1ϕ

CIRCUIT BREAKERS: GE TYPE TED AMPERAGES AS NOTED
 480 V 2 P IN BREAKER PANEL
 277 V 1 P

CONTACTORS: GE TYPE CR360L 30 A 2 P 120 V COIL

TEST SWITCH: HUBBELL 1221 20 A 120/277 V 1 P

METER BASE: CIRCLE AW 50250 200 AMP 4 JAW
 WITH MANUAL BYPASS 600 V RATED



BILL OF MATERIALS

Qty	U/M	Description
6	EA	BREAKERS: GE TYPE TED 14K A/C @ 277V, AMPS AS NOTED ABOVE
1	EA	200-AMP RATED COPPER NEUTRAL
1	EA	SOLID COPPER GROUND
1	EA	TERMINAL BLOCK. MARATHON 1206
3	EA	CONTACTOR: GE CR360L, 30 AMP, 2-P, 120V COIL
1	EA	TEST SWITCH: HUBBLE 1221, 20-AMP, 1-P, 120/277V

SPECS: BASE MOUNTED CABINET – BMC2


- 1 – BOX AND DEAD FRONT – 14 GAUGE 304, #4 STAINLESS STEEL, ALL SEAMS ARE WELDED. THE CABINET HAS A 1” OUTWARD FACING FLANGE ALL THE WAY AROUND BOTH OPENINGS. THE FLANGE IS GASKETED WITH A NEMA 4 UL RATED CLOSED CELL NEOPRENE SPONGE GASKET. THE TOP OF THE CABINET HAS A HINGED TOP COVER (see item 3 below), THAT OVERLAPS THE TOP OF THE CABINET ON THE SIDES AND THE REAR. THE FRONT RESTS ON A DRIP SHIELD ABOVE THE FRONT DOOR. THE WIRING ACCESS TO THE CABINET IS THROUGH THE BOTTOM, WHICH HAS AN INTERNAL STAINLESS STEEL ANGLE MOUNTING FRAME WELDED IN PLACE AND A REMOVABLE ACCESS PLATE.

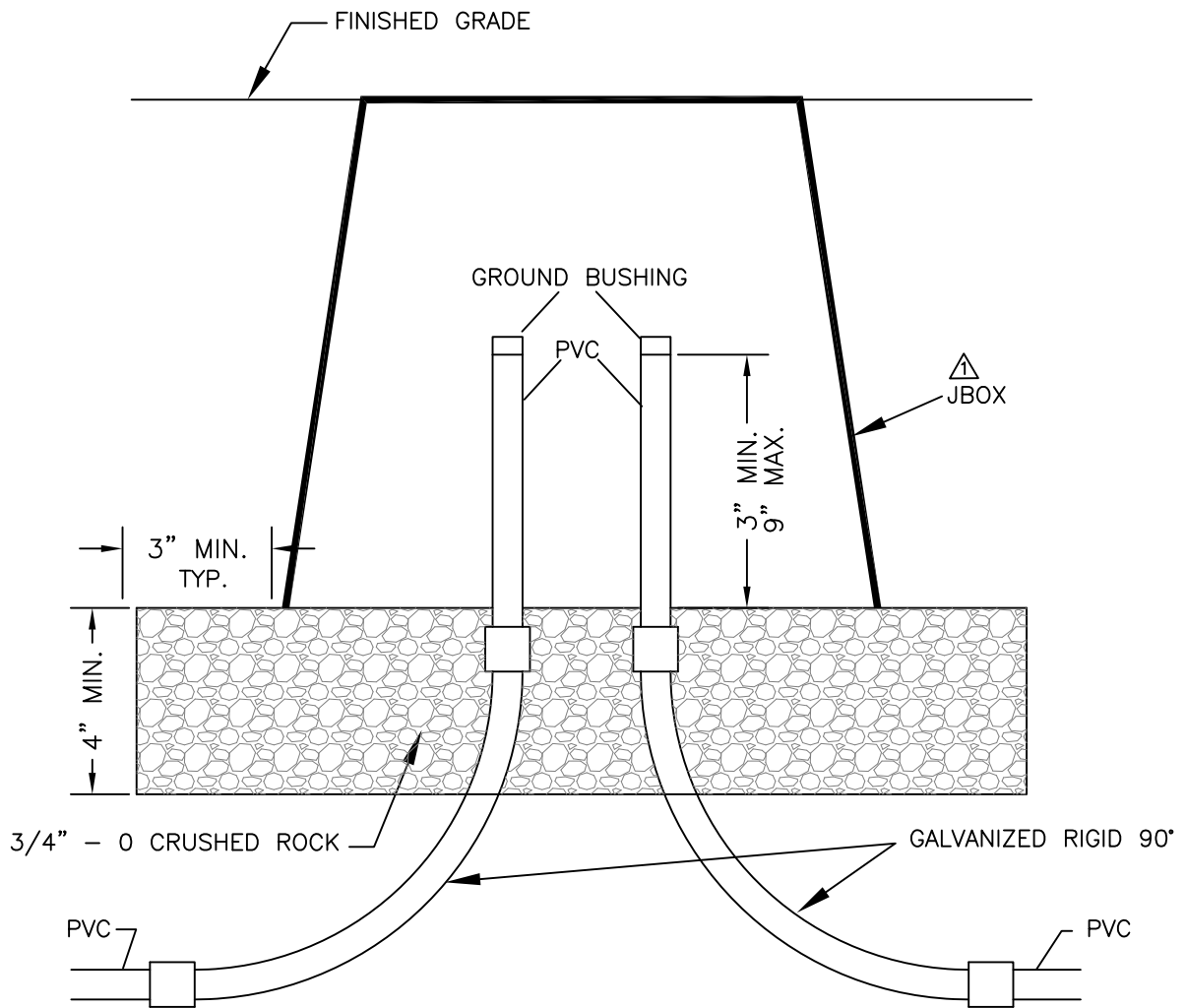
- 2 – DOORS – MADE FROM 14 GAUGE 304, #4 STAINLESS STEEL. THE DOORS ARE FABRICATED WITH A 3/4” RETURN AND ARE SIZED TO FIT OVER THE CABINET OPENING WITH THE INSIDE SURFACE OF THE DOOR SEALING AGAINST THE GASKET. THE DOORS ARE HELD IN PLACE WITH A FULL LENGTH STAINLESS STEEL PIANO HINGE, A PADLOCKING HANDLE AND A 3 POINT LATCHING MECHANISM.

- 3 – HINGED TOP COVER – MADE FROM 12 GAUGE 304, #4 STAINLESS STEEL. THE FRONT OF THE COVER HAS A POLYCARBONATE VIEWING WINDOW THAT IS ATTACHED WITH TAMPER RESISTANT SCREWS AND SEALED WITH A SILICONE CAULKING. THE COVER HAS A STAINLESS STEEL HINGE SPOTWELDED TO THE REAR, BOTTOM EDGE WHICH IS THEN ATTACHED AT THE TOP REAR OF THE CABINET WITH TAMPER RESISTANT SCREWS.

- 4 – PAINT– AS APPROVED BY CITY ENGINEER. THE OUTSIDE OF THE CABINET IS PRIMED PAINTED WITH A VINYL WASH ETCHING PRIMER, THEN ONE COAT OF SHERWIN WILLIAMS SPRAYFILL PRIMER AND FINISHED WITH A TOPCOAT OF POLYURETHANE PAINT – CITY OF MEDFORD DARK BRONZE
 OR
 THE OUTSIDE OF THE CABINET IS ELECTROSTATICALLY POWDER COATED – CITY OF MEDFORD DARK BRONZE OR IF SPECIAL PROVISIONS REQUIRE – BLACK.
 OR
 LEFT AS EXPOSED STAINLESS STEEL.

FILE: CP-E-3.DWG

 <p>CITY OF CENTRAL POINT PUBLIC WORKS DEPARTMENT</p>	<p>UNIFORM STANDARDS FOR PUBLIC WORKS CONSTRUCTION</p>	<p>REVISED DATE</p>	<p>E-3 DRAWING No.</p>
	<p>BMC - 2 SPECIFICATIONS</p>	<p>2/05/2016</p>	



JUNCTION BOX INSTALLATION

NOTES:

- 1) ILLUMINATION CIRCUITS SHALL BE SPLICED ACCORDING TO CITY OF MEDFORD STANDARDS. IN LINE FUSE IS REQUIRED.
- 2) NUMBER OF CONDUITS SHALL BE ACCORDING TO ILLUMINATION PLANS.
- 3) DUCT SEAL IN ENDS OF CONDUIT.

- ⚠ 4) PER NEC 250.80EX, END OF CONDUIT SHALL HAVE GROUND BUSHING IF LESS THAN 18" OF COVER FROM TOP OF GALVANIZED ELBOW.

FILE: CP-E-5.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

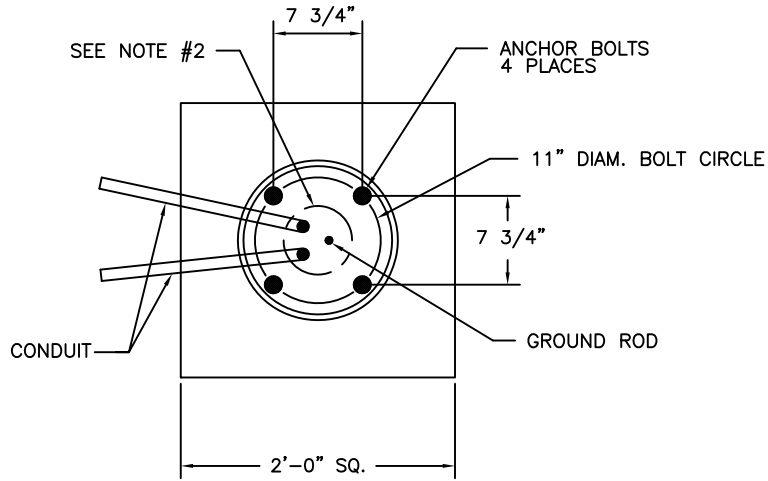
JUNCTION BOX INSTALLATION

REVISED DATE

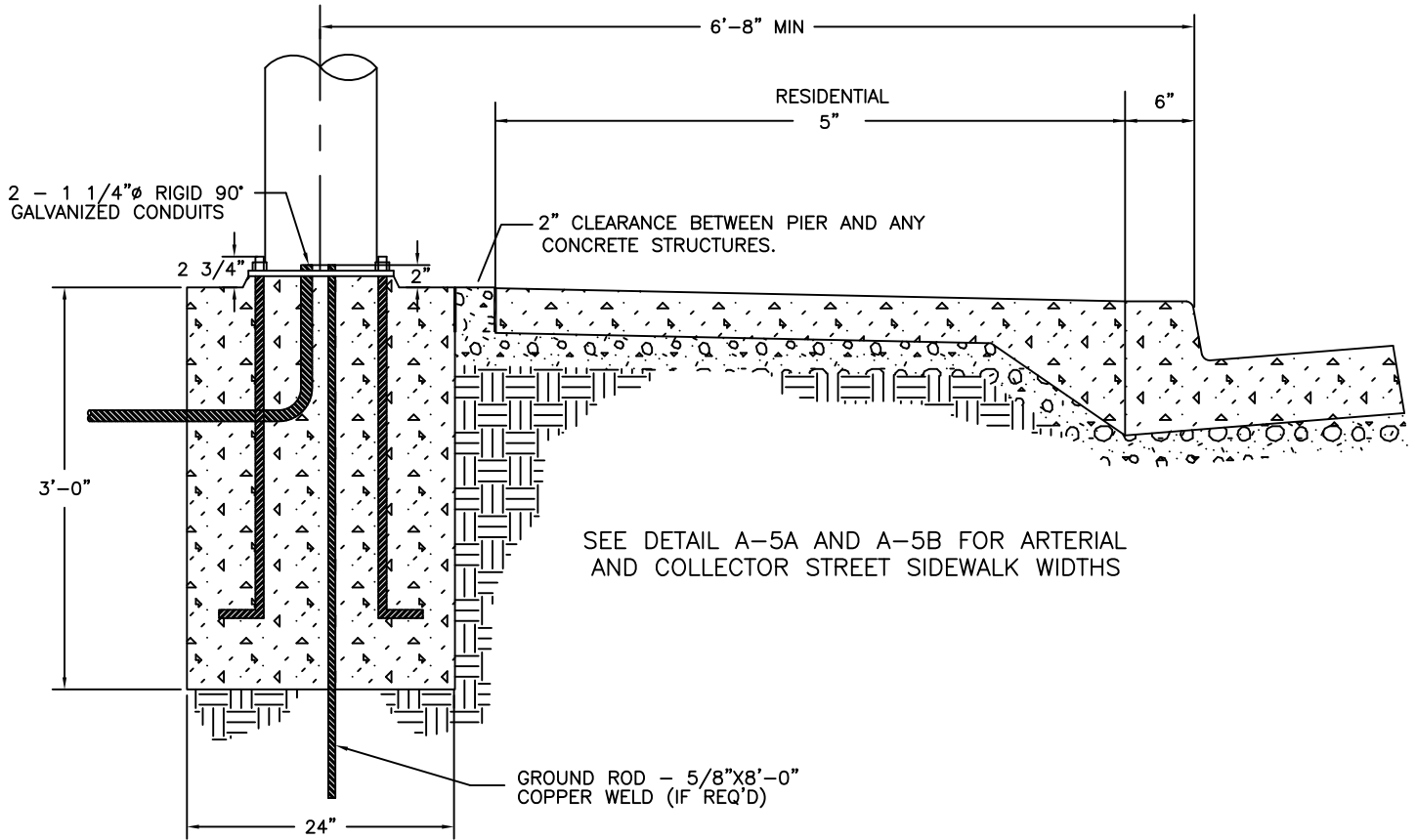
2/05/2016

E-5

DRAWING No.



BASE PLATE DETAIL



COBRA HEAD STREETLIGHT FOUNDATION

NOTES

1. ALL CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 930.00.00 PORTLAND CEMENT CONCRETE (PCC)
2. PLASTIC CONDUITS AND GROUND ROD MUST BE WITHIN A 3" RADIUS OF THE CENTER OF THE BOLT CIRCLE.
3. CONDUIT, GROUND ROD, ANCHOR BOLTS, AND BOLT TEMPLATE FURNISHED BY PP&L.

FILE: CP-SL-01.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

COBRA HEAD STREETLIGHT FOUNDATION

REVISED DATE

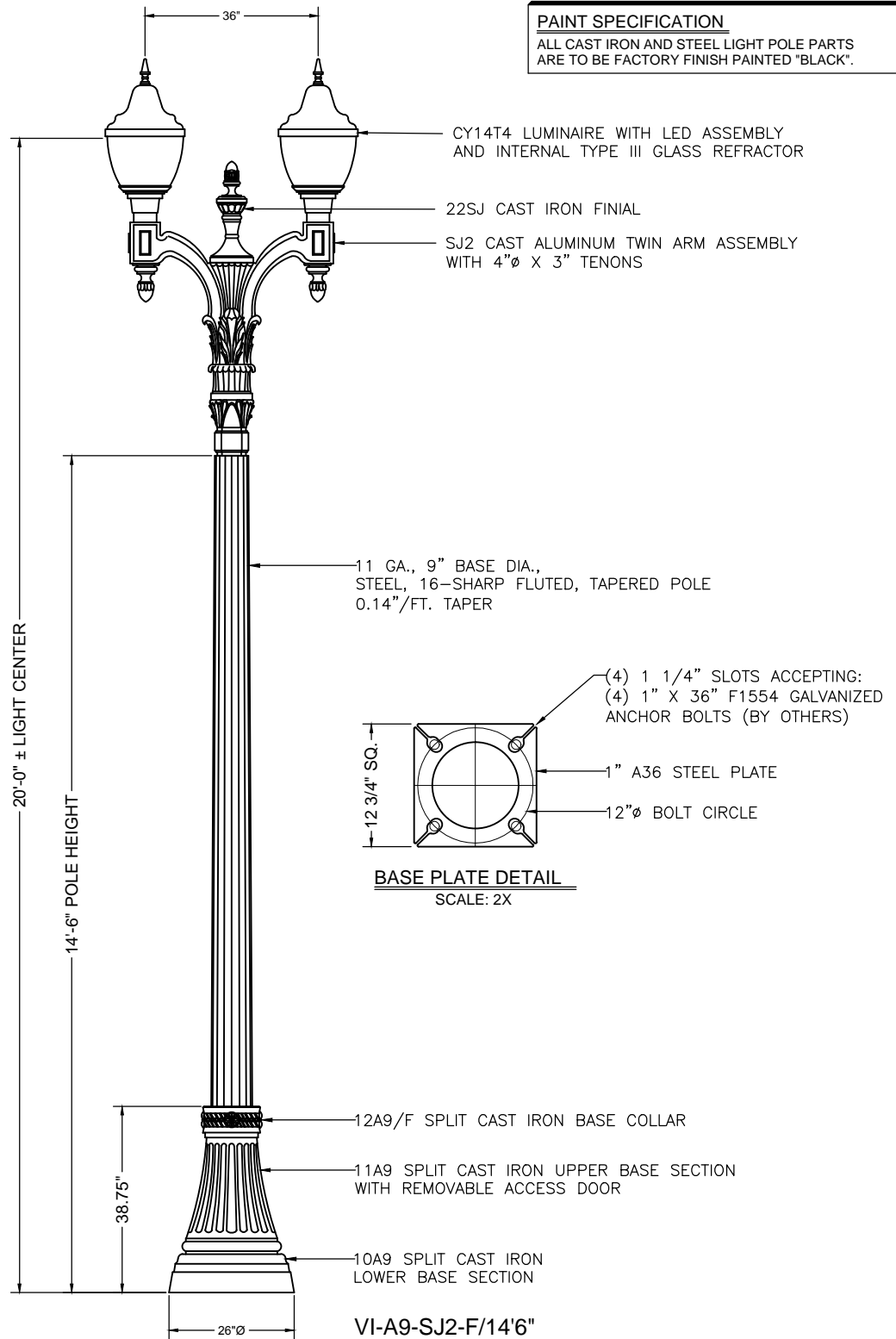
10/28/2016

SL-1

DRAWING No.

PAIN T SPECIFICATION

ALL CAST IRON AND STEEL LIGHT POLE PARTS ARE TO BE FACTORY FINISH PAINTED "BLACK".



Arterial TOD Decorative Street Light Pole

NTS

FILE: CP-SL-2.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

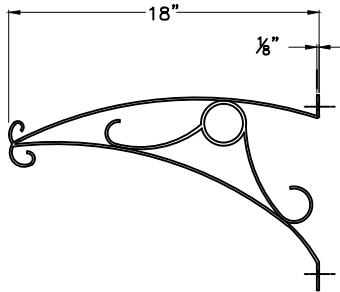
Arterial TOD Decorative Street Light Pole

REVISED DATE

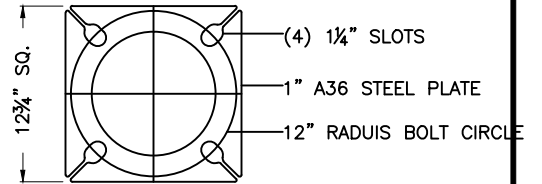
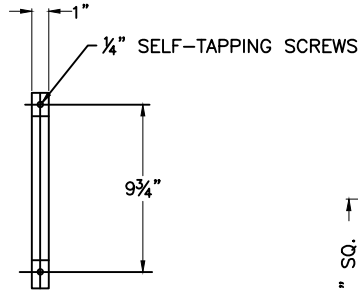
10/22/2018

SL-2

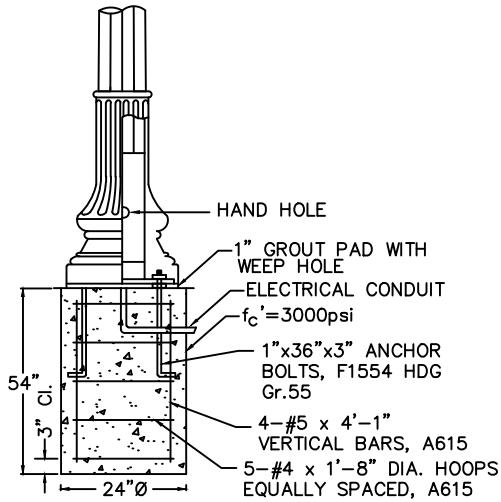
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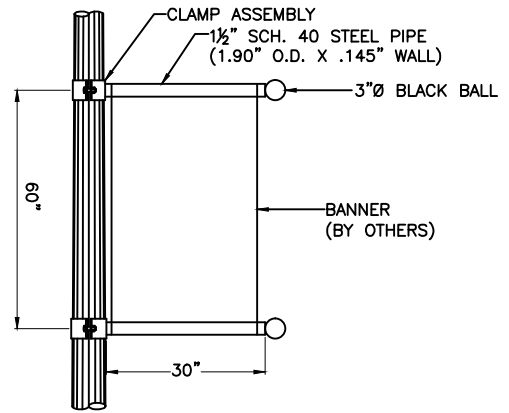
HANGING FLOWER BASKET BRACKET



BASE PLATE ASSEMBLY



HDG=Hot Dipped Galvanized
ANCHOR BASE ASSEMBLY



SINGLE BANNER ARM ARRANGEMENT

Arterial Foundation, Banner, Basket

NTS

FILE: CP-SL-2A.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

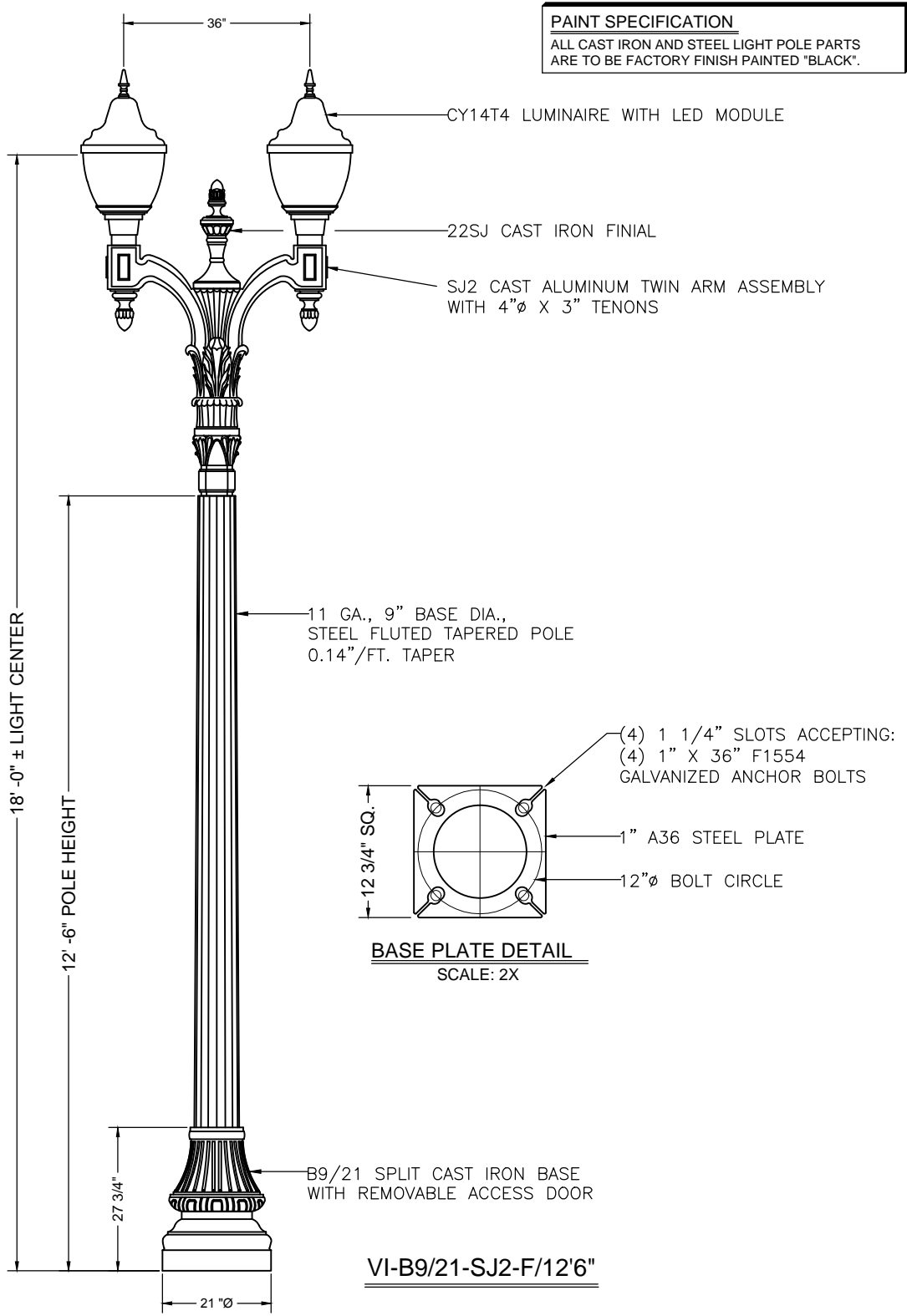
Arterial Foundation, Banner, Basket

REVISED DATE
10/31/2018

SL-2A

DRAWING No.

PAINT SPECIFICATION
 ALL CAST IRON AND STEEL LIGHT POLE PARTS
 ARE TO BE FACTORY FINISH PAINTED "BLACK".



Collector TOD Decorative Street Light Pole

NTS

FILE: CP-SL-3.DWG



CITY OF
CENTRAL POINT
 PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
 FOR
 PUBLIC WORKS CONSTRUCTION

Collector TOD Decorative Street Light Pole

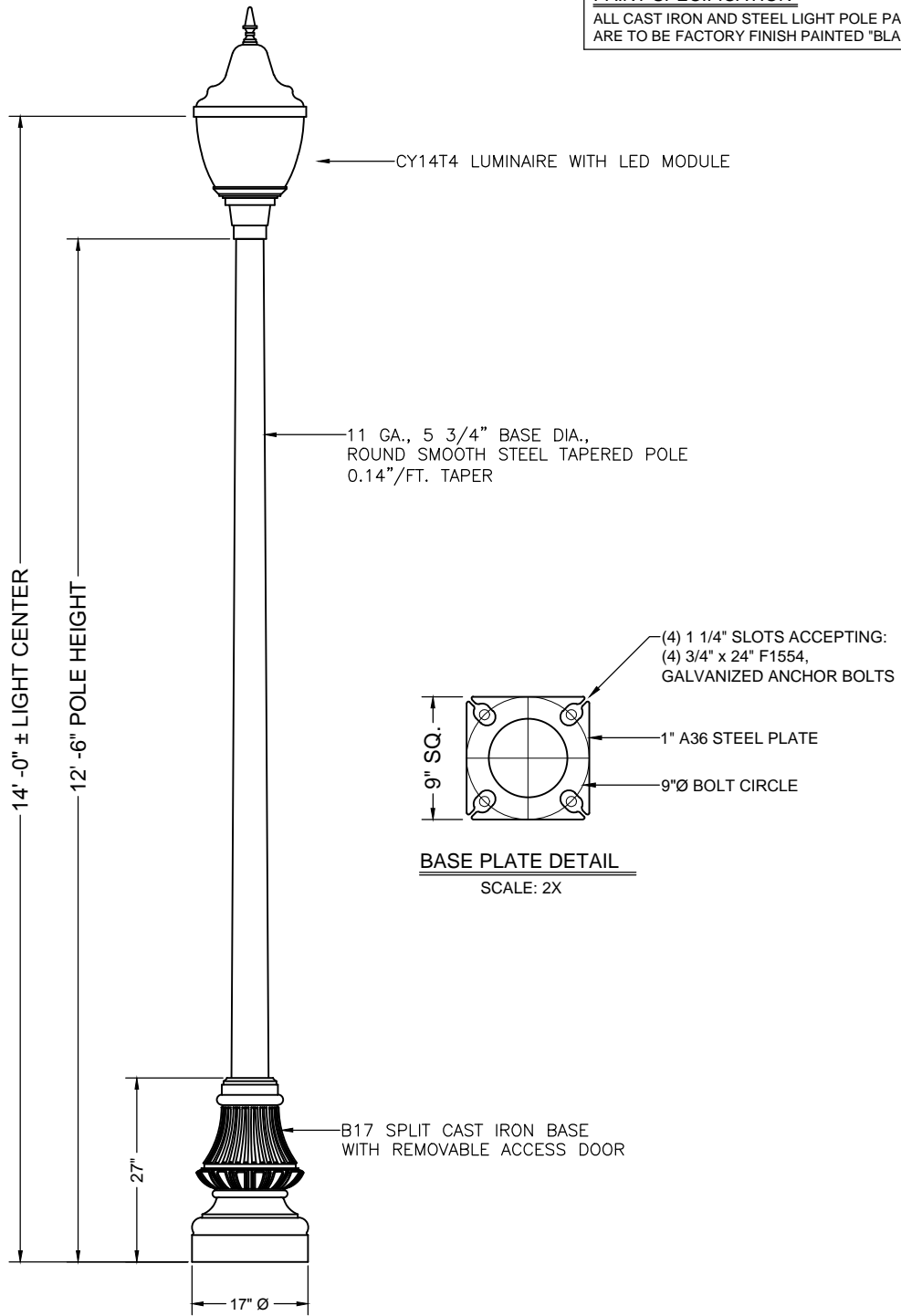
REVISED DATE

10/22/2018

SL-3

DRAWING No.

PAINT SPECIFICATION
 ALL CAST IRON AND STEEL LIGHT POLE PARTS
 ARE TO BE FACTORY FINISH PAINTED "BLACK".



VI-B17-1-S/12'6"

Residential TOD Decorative Street Light Pole

NTS

FILE: CP-SL-4.DWG



CITY OF
CENTRAL POINT
 PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
 FOR
 PUBLIC WORKS CONSTRUCTION

Residential TOD Decorative Street Light Pole

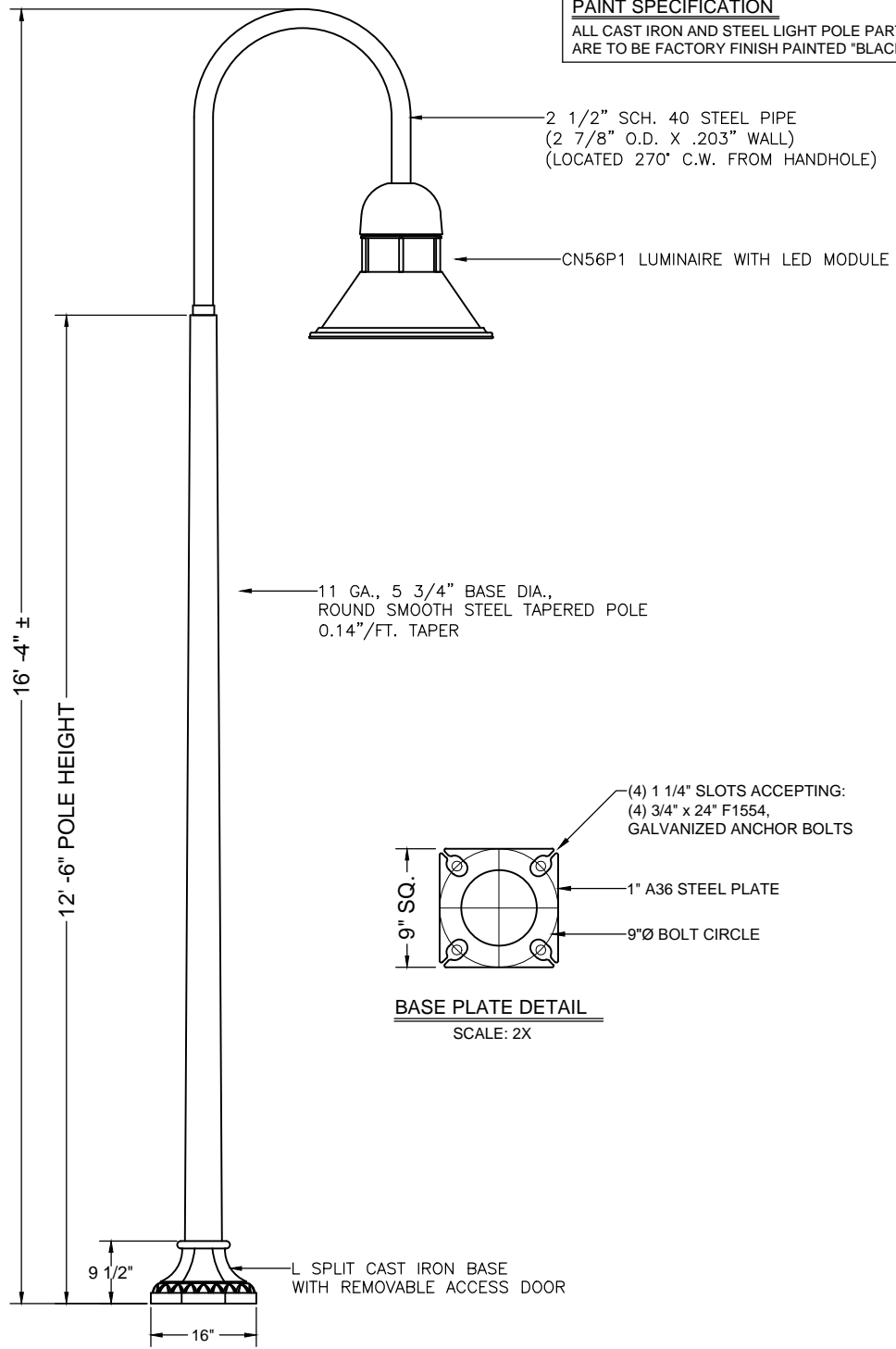
REVISED DATE

10/22/2018

SL-4

DRAWING No.

PAINT SPECIFICATION
 ALL CAST IRON AND STEEL LIGHT POLE PARTS
 ARE TO BE FACTORY FINISH PAINTED "BLACK".



VI-L-J1-S/12'6"

Alley TOD Decorative Street Light Pole

NTS

FILE: CP-SL-5.DWG



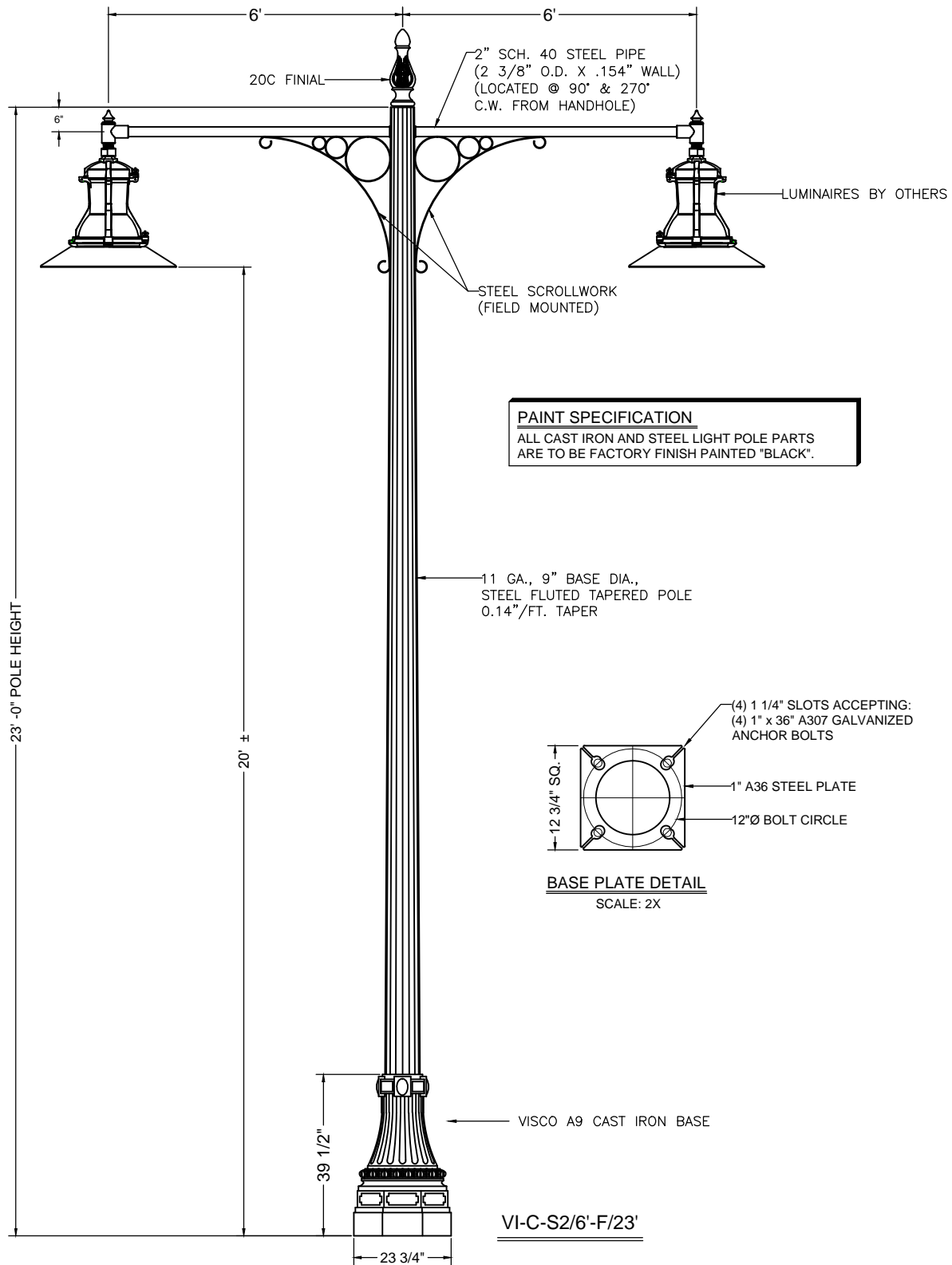
CITY OF
CENTRAL POINT
 PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
 FOR
 PUBLIC WORKS CONSTRUCTION

Residential TOD Decorative Street Light Pole

REVISED DATE
 10/22/2018

SL-5
 DRAWING No.



Parking Lot Decorative Double Street Light Pole

NTS

FILE: CP-SL-6.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

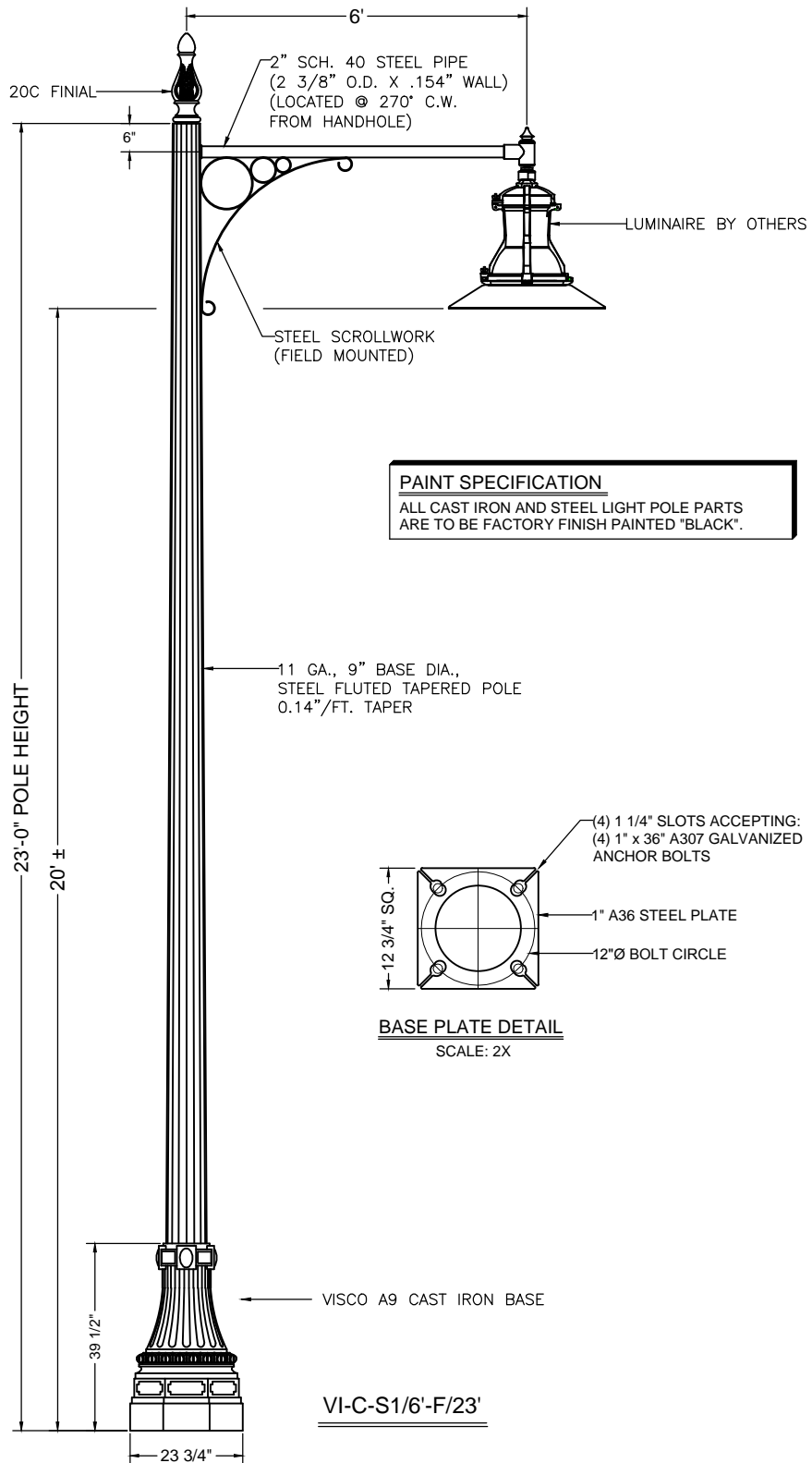
Parking Lot Decorative Double Street Light Pole

REVISED DATE

10/22/2018

SL-6

DRAWING No.



Parking Lot Decorative Single Street Light Pole

NTS

FILE: CP-SL-7.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

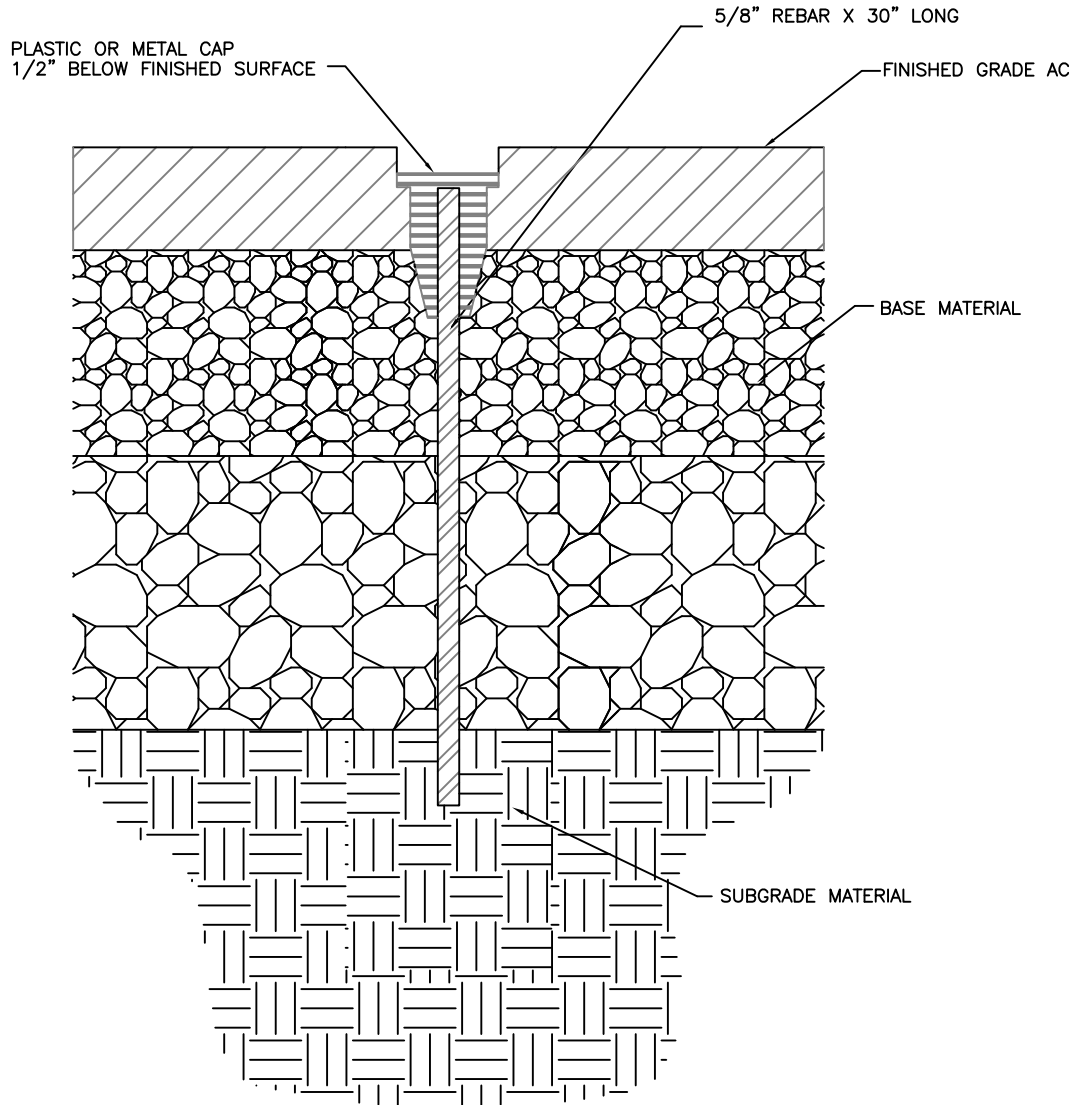
Parking Lot Decorative Single Street Light Pole

REVISED DATE

10/22/2018

SL-7

DRAWING No.



CL MONUMENT DETAIL

NOTES:

- PIN SHALL BE A MIN OF 5/8" x 30" WITH PLASTIC OR METAL CAP SET 1/2" BELOW FINISHED SURFACE
- ALL GOVERNMENT MONUMENTS WHICH FALL WITHIN STREET IMPROVEMENTS WILL BE SET USING CITY DRAWING M-2

Monuments Placed At:

- STREET CENTERLINE INTERSECTIONS.
- BEGINNING OF CURVE ON CENTERLINE.
- END OF CURVE ON CENTERLINE.
- ON CENTERLINE AT END OF STUB STREET THAT IS 150' OR LONGER FROM ITS CENTERLINE INTERSECTION WITH THE INTERSECTING STREET.
- AT RADIUS POINT OF CUL-DE-SAC.
- ON OFFSET CUL-DE-SAC AT BOTH CENTERLINE TANGENT POINT AND AT RADIUS POINT.
- ANY EXISTING MONUMENT THAT IS DESTROYED SHALL BE REPLACED.
- AT ANY OTHER POINTS THAT THE CITY SURVEYOR MAY REQUIRE MONUMENTS TO BE PLACED.

FILE: CP-M-1.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

MONUMENT DETAIL

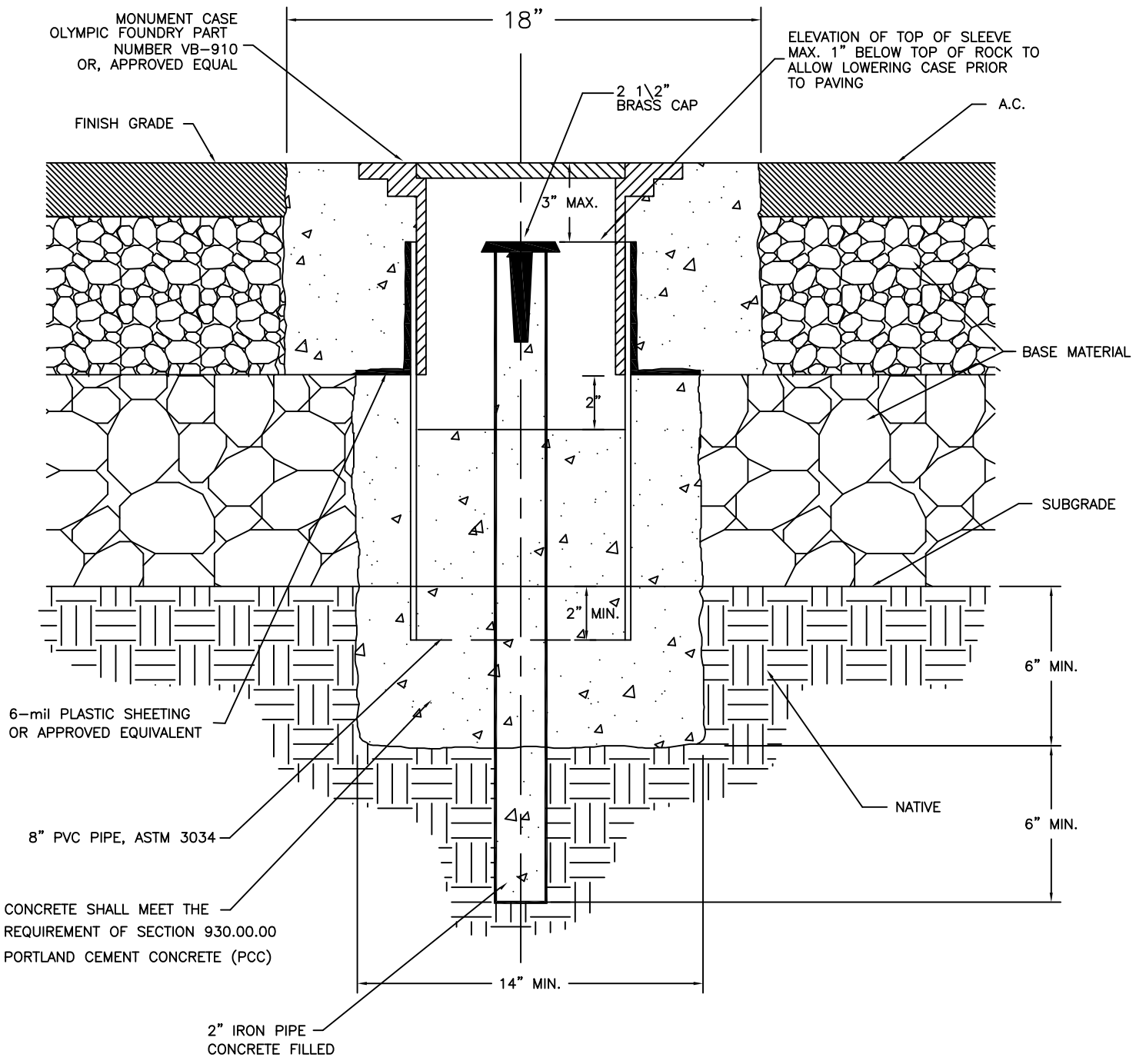
CHECKED DATE

APPROVED DATE

REVISED DATE

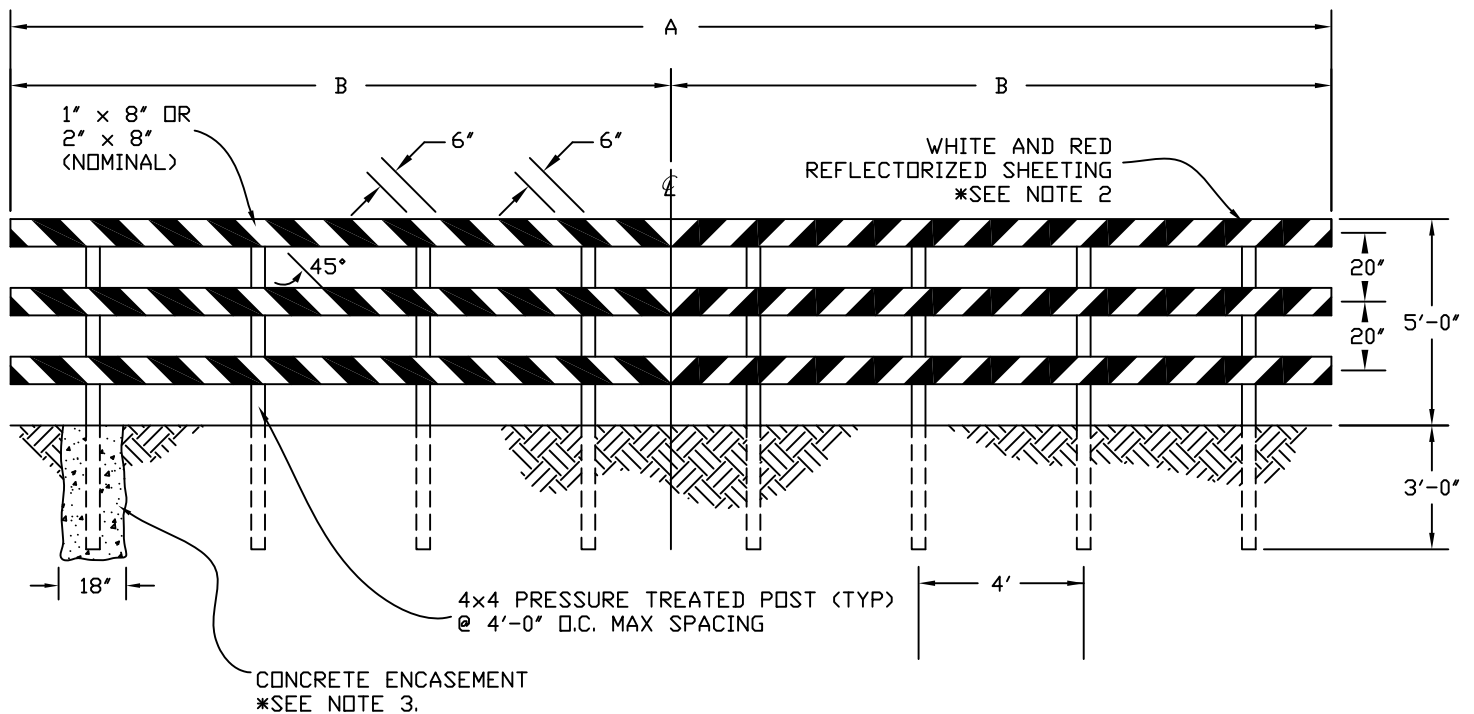
M-1

DRAWING No.



CITY MONUMENT CASE

FILE: CP-M-2.DWG



ROAD CLOSED BARRICADE DETAIL

NOTE:

1. ALL NON-REFLECTORIZED SURFACES SHALL BE PAINTED WHITE.
2. ALL PERMANENT BARRICADES SHALL HAVE WHITE AND RED REFLECTORIZED SHEETING.
3. POSTS FOR PERMANENT BARRICADES SHALL BE ENCASED IN CONCRETE.
4. MATERIALS SHALL BE AS SPECIFIED ON ODOT QUALIFIED PRODUCTS LIST.
5. STRIPING AS PER MUTCD REQUIREMENTS

DESIGNATION	CURB TO CURB WIDTH	A	B
PRIVATE LANE	25'	24'	12'
LOCAL STREET	36'	32'	16'
COLLECTOR	40'	40'	20'

FILE: CP-M-3.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

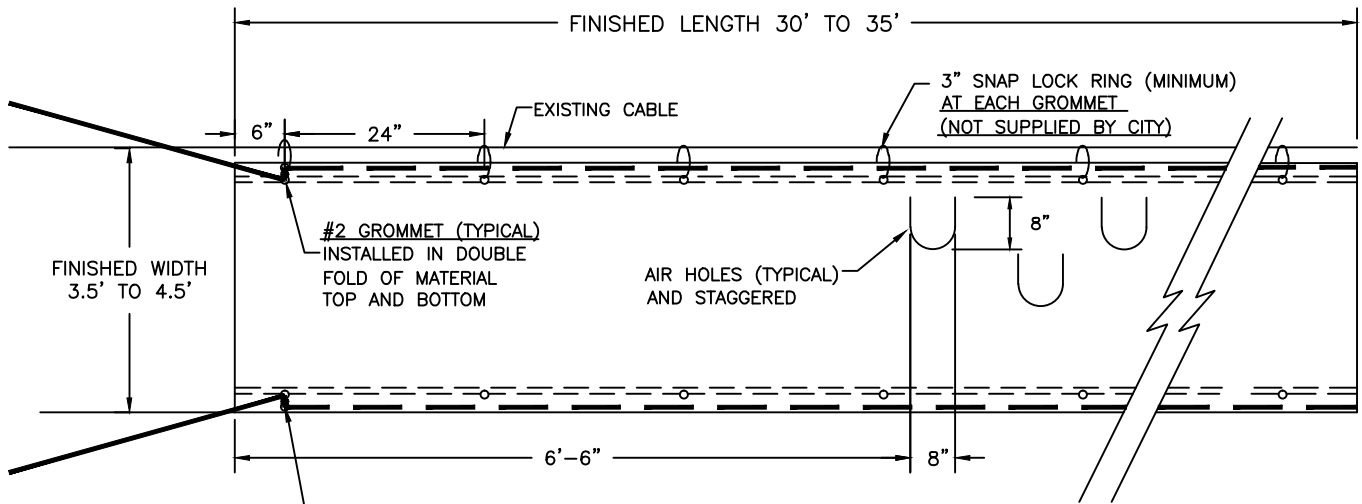
ROAD CLOSED BARRICADE DETAIL

REVISED

5/11/2015

M-3

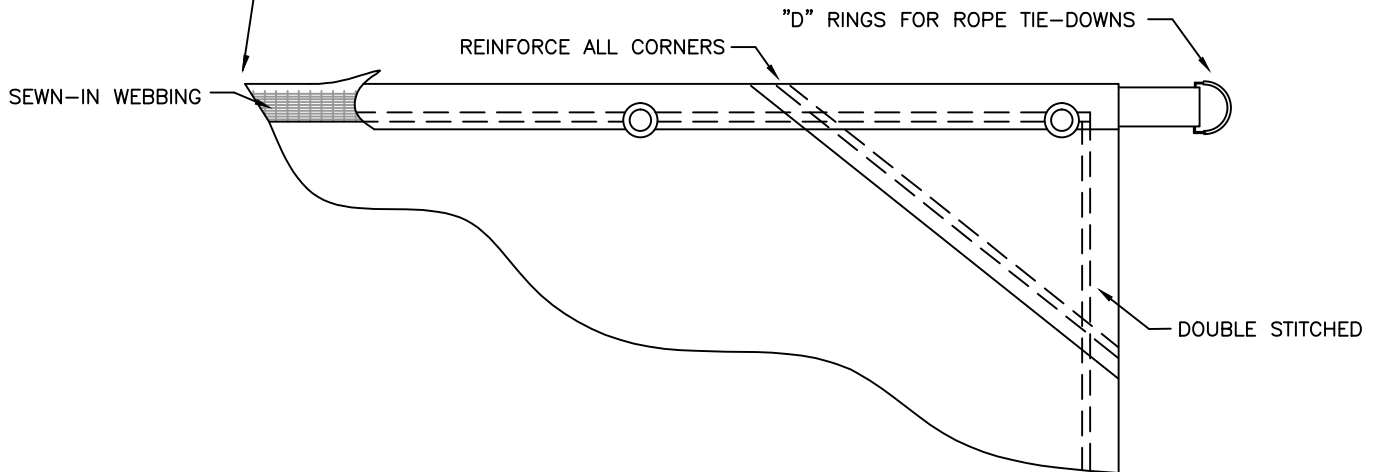
DRAWING No.



SEW IN $\frac{3}{8}$ " POLYDYNE/ BRAIDED ROPE DOUBLE STITCHED THE FULL LENGTH OF THE BANNER WITH 30' LEADS ROPES ON EACH TOP AND BOTTOM PER SIDE WITH REINFORCED CORNERS.

OR

USE SEWN IN WEBBING DOUBLE STITCHED WITH REINFORCED CORNERS AND "D" RINGS. TIE KNOT SNUG TO D RING ON ALL CORNERS WITH 30' OF $\frac{3}{8}$ " POLYDYNE ROPE PAST EACH END ON BOTH TOP AND BOTTOM.



STREET BANNER DETAIL

NOTE:

1. ALL BANNERS WILL BE CONSTRUCTED WITH 14 OZ. VINYL WITH BLOCKOUT OR AS APPROVED BY CCP.
2. YOU MUST CALL PUBLIC WORKS AND HAVE THE BANNER INSPECTED WHEN YOU DROP IT OFF.
3. ONLY BANNERS THAT MEET THESE SPECIFICATIONS WILL BE INSTALLED.
4. BANNERS WILL BE HUNG ON FIRST COME, FIRST SERVE BASIS.
5. BANNERS WILL NOT BE DOUBLE HUNG UNLESS APPROVED BY THE CITY.
6. CITY WILL NOT BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY ACTS OF NATURE.

FILE: CP-M-4.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

STREET BANNER

REVISED

05/15/2019

M-4

DRAWING No.

Fencing / Root Protection

Temporary fencing materials must be approved by Central Point Public Works.

Critical Root Zone (CRZ)

The area equal to a 1-foot radius from the base of the tree's trunk for each 1-inch of the tree's diameter at 4.5 ft. above grade (referred to as diameter at breast height (DBH))

CRZ=DBHx1ft. of radius

1. No disturbance allowed without site-specific inspection and approval of methods by an ISA certified arborist to minimize root damage.
2. Disturbance to roots within CRZ requires onsite supervision of ISA certified arborist.
3. Tunneling required to install lines 3'.0" below grade or deeper.

Tree Protection Zone (TPZ)

The area equal to twice the radius of the critical root zone (CRZ) including the trunk of the tree being protected from development activities.

TPZ= 2(CRZ)

1. Operation of heavy equipment and stockpiling prohibited without approval of Public Works Director or representative.
2. Trenching may be permitted by the Public Works Director provided that the following conditions are met:
 - No Disturbance to critical root zone
 - Trench width is a minimum necessary
 - Maintain $\frac{2}{3}$ or more of TPZ outside of CRZ in undisturbed condition.
 - Tunneling may be required to install lines 3'.0" below grade or deeper
 - Work conducted under supervision of an ISA certified arborist.

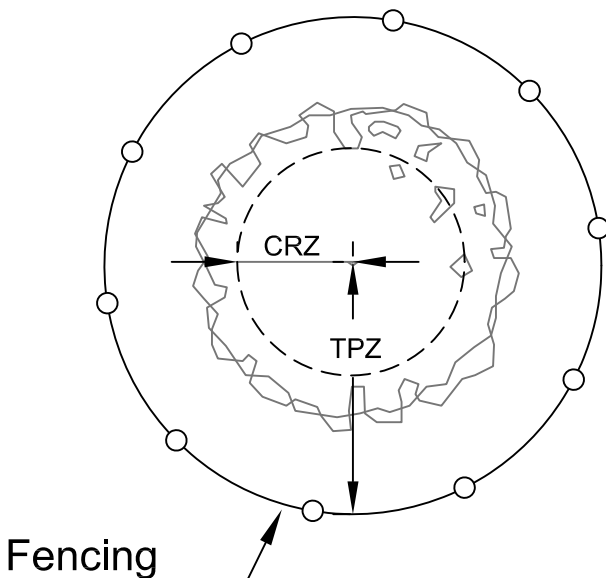
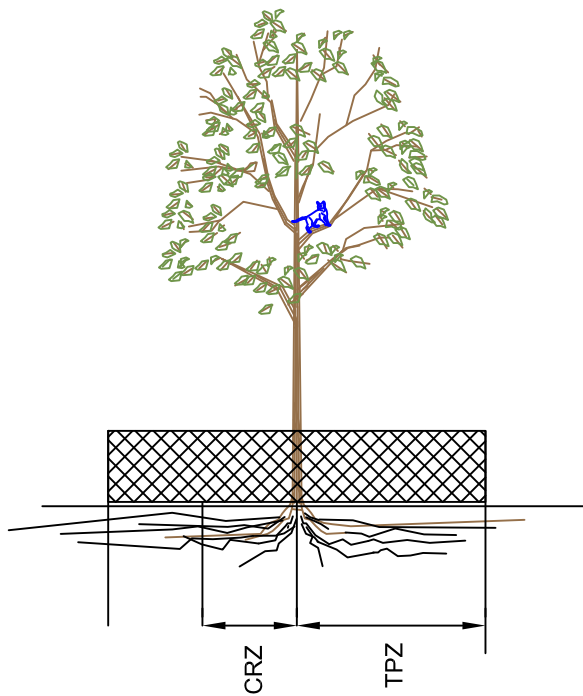


Table 1: Example of CRZ and TPZ calculations

Diameter at Breast Height 4.5'	Critical Root Zone Radius (CRZ)	Tree Protection Zone Diameter, including Trunk (TPZ)
2 inches	2 Feet	4+ Feet
6 inches	6 Feet	13.5 Feet
20 inches	20 Feet	42 feet
46 inches	46 Feet	96 Feet

FILE: CP-M-5.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

Temporary Tree Protection

CHECKED	DATE
APPROVED	DATE
REVISED	DATE

M-5

DRAWING No.