

CITY OF DAVIS
PUBLIC WORKS
DEPARTMENT STANDARD
SPECIFICATIONS

JANUARY 1996 EDITION
ADDENDA THROUGH
JULY 2017

DIANNA JENSEN
City Engineer
1717 Fifth Street
Davis, CA 95616
530-757-5686

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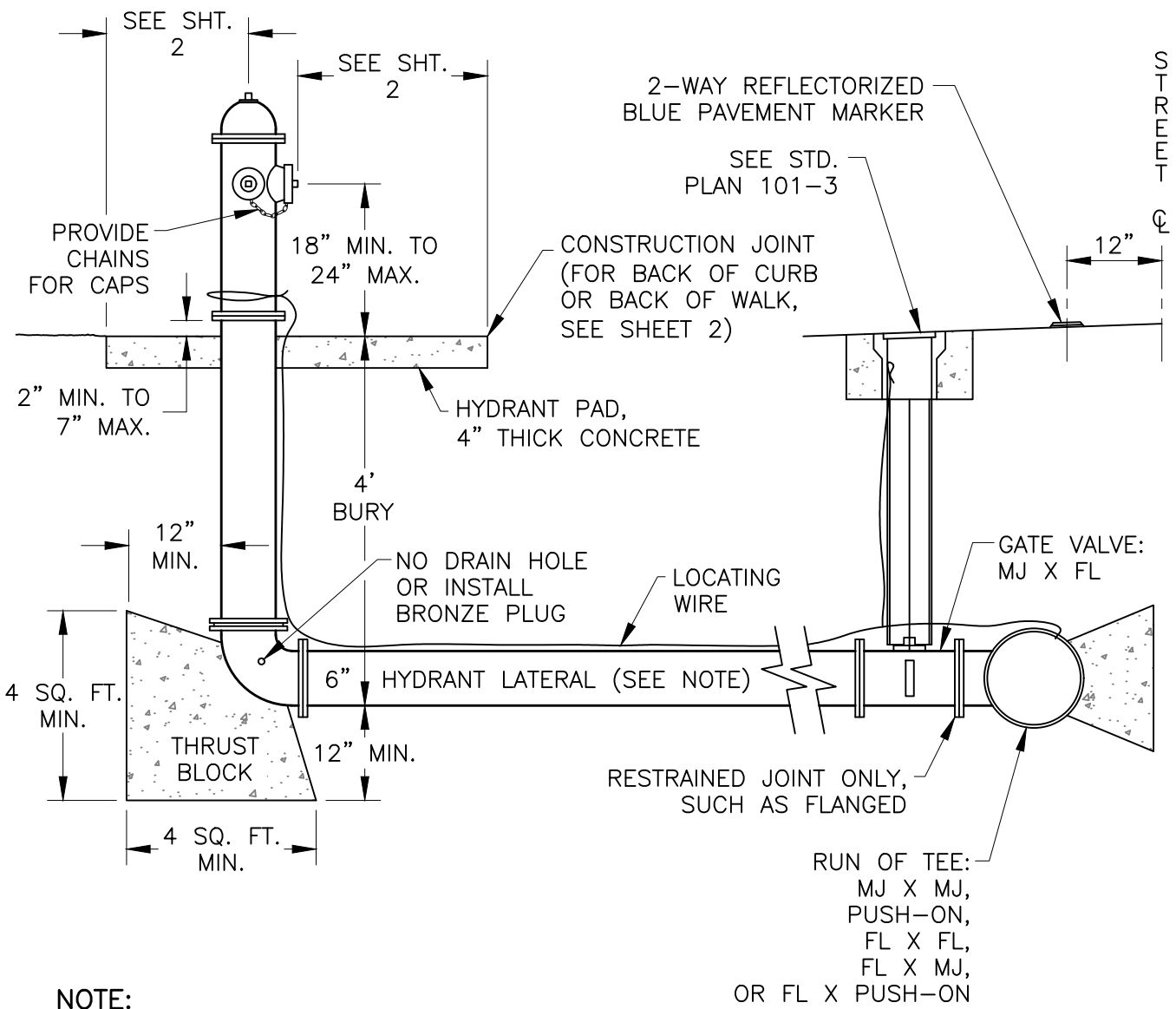
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*Bold plan title indicates new sheet

+Bold revision date indicates sheet has changed with this amendment

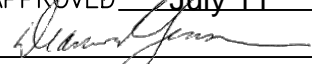


NOTE:

SEE STANDARD SPEC. SEC. 203-4
 SEE STANDARD PLAN 101-5, SHT. 4

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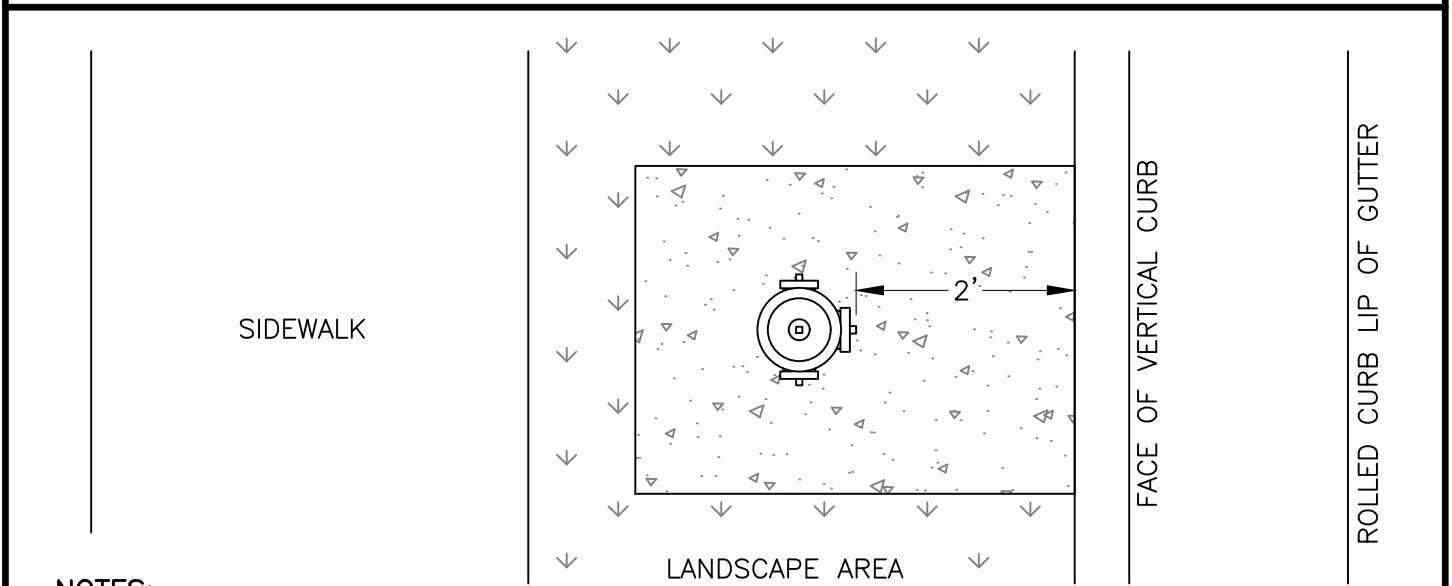
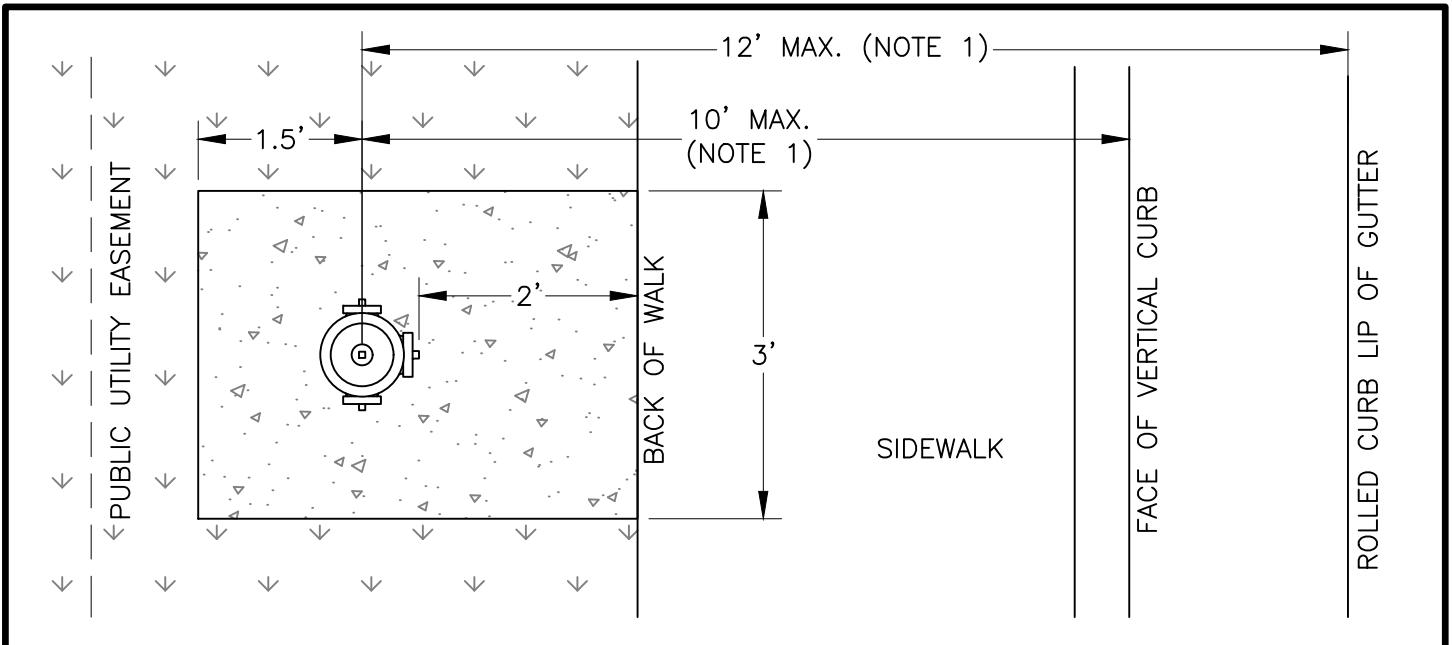
CITY OF DAVIS STANDARD PLAN

APPROVED July 11 20 17

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 P.E. No. C-56636

FIRE HYDRANT - PROFILE VIEW

SHEET 1 OF 2

101-1

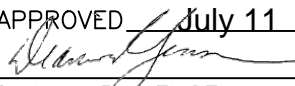


NOTES:

1. MAX. DIMENSION SHALL NOT BE EXCEEDED WITHOUT DAVIS FIRE DEPT. APPROVAL.
2. PRIOR TO ACCEPTANCE, ALL NICKS, SCRAPES, ETC. IN THE FACTORY FINISH SHALL BE PAINTED WITH APPROVED PAINT.
3. FINISH COLOR – SEE STANDARD SPEC. 203-6.5
4. PROVIDE 3' CLEARANCE AROUND FIRE HYDRANT.

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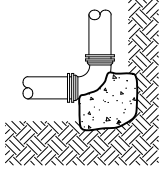
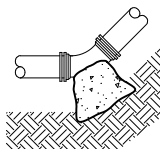
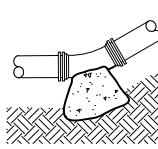
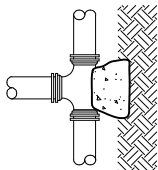
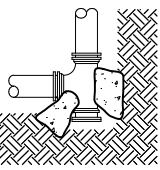
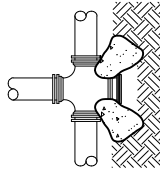
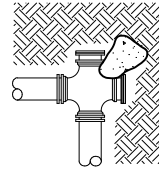
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FIRE HYDRANT - PLAN VIEWS

SHEET 2 OF 2

101-1

REQUIRED BEARING AREA – TOTAL SQUARE FEET

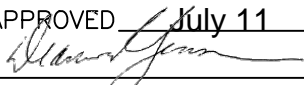
FITTING TYPE	90° BEND	45° BEND	11¼° OR 22½° BEND	TEE OR DEAD END	TEE W/ PLUG	CROSS W/ PLUG	CROSS W/ PLUGS
TYPICAL INSTALLATION							
PIPE SIZES	4"	2	1	1	2	2	2
	6"	4	2	1	3	4	4
	8"	7	4	2	5	7	7
	10"	12	6	3	8	12	12
	12"	16	10	5	12	16	16
	14"						

NOTES:

- THRUST BLOCKS TO BE CONSTRUCTED OF CLASS "C" CONCRETE.
- AREAS GIVEN ARE FOR CLASS 200 PIPE AT TEST PRESSURE OF 150 P.S.I. IN SOIL WITH 2,000 P.S.F. BEARING CAPACITY. INSTALLATIONS USING DIFFERENT PIPE, TEST PRESSURES, AND/OR SOLID TYPES SHOULD ADJUST AREAS ACCORDINGLY, SUBJECT TO APPROVAL OF ENGINEER.
- BLOCKS SHALL BE POURED AGAINST UNDISTURBED SOIL.
- CONCRETE SHALL BE KEPT CLEAR OF JOINTS AND FACES OF PLUGS. ALL FITTINGS SHALL BE WRAPPED WITH 8 MIL. PLASTIC SO THAT CONCRETE DOES NOT CONTACT WATER MAIN.
- THRUST BLOCKS NOT MEETING THIS DETAIL OR THE USE OF OTHER MEANS TO RESIST WATER HAMMER ACTION MUST BE APPROVED BY THE CITY ENGINEER PRIOR TO INSTALLATION.
- THRUST BLOCKS SHALL NOT BE LOCATED OR SIZED TO ENCASE ADJACENT PIPES OR FITTINGS.
- FOR PIPES LARGER THAN 12" CALCULATIONS SHALL BE SUBMITTED PRIOR TO DESIGN APPROVAL.

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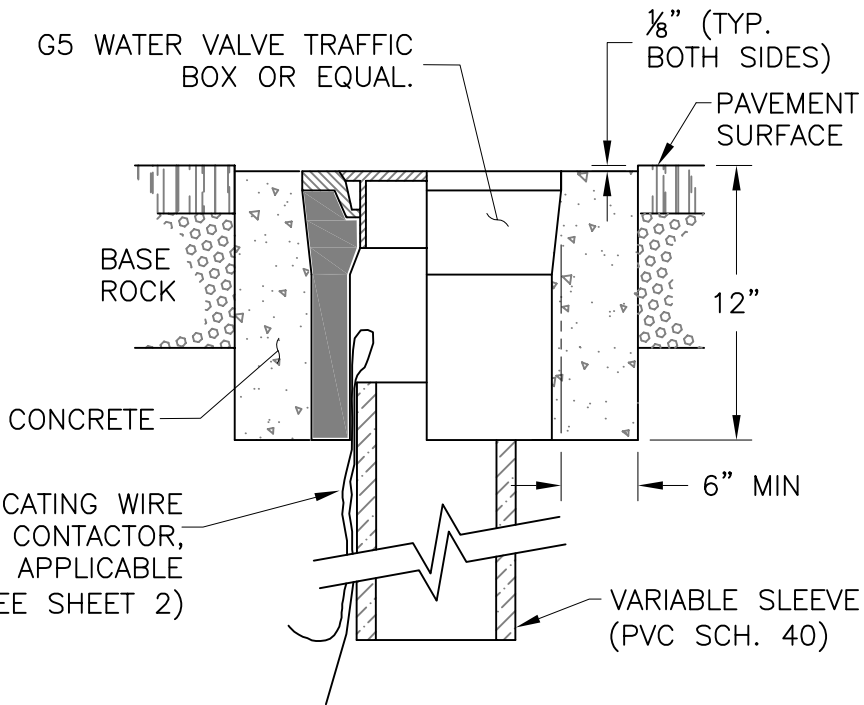
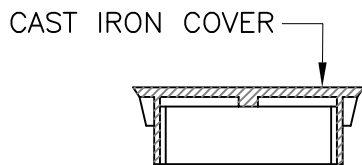
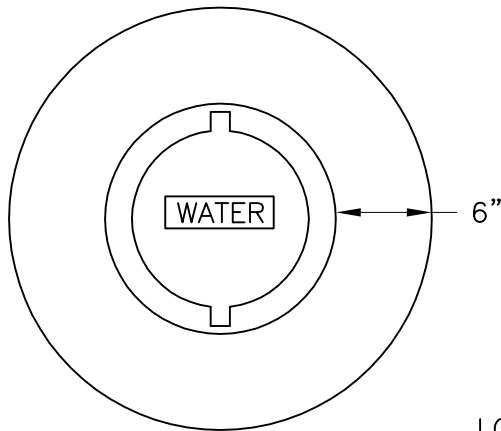
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THRUST BLOCK AREA FOR WATER MAINS

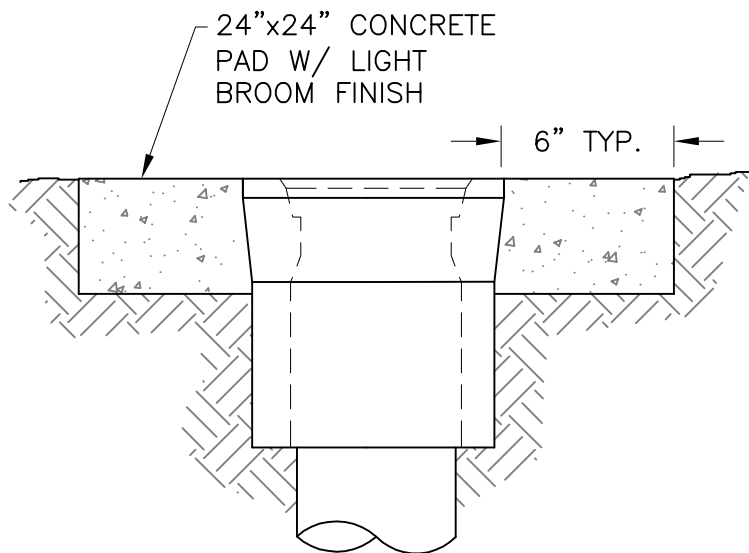
SHEET 1 OF 1

101-2



NOTES:

1. THE PRECAST TRAFFIC TYPE COVER BOX SHALL BE PER SECTION 203-7 OF THE STANDARD SPECIFICATIONS.
2. THE SLEEVE SHALL BE 6" OR 8" DIAMETER PVC (SCH. 40) EXTENDED FROM INSIDE VALVE COVER BOX TO TOP OF VALVE. THE SLEEVE SHALL FIT SUCH THAT THE PRECAST BOX CAN SLIDE FREELY.
3. CONCRETE PER STANDARD SPECIFICATIONS.
4. REMOVAL OF PAVEMENT FOR THE PRECAST BOX SHALL BE WITH A PNEUMATIC HAMMER, CHISEL TYPE, OR OTHER APPROVED EQUIPMENT.
5. PRIOR TO POUR THE CONTRACTOR SHALL CALL FOR AN INSPECTION.
6. LOCATING WIRE TO BE OUTSIDE OF RISER SLEEVE, INSIDE VALVE BOX.
7. THE MATING SURFACES OF THE LID AND RIM SHALL BE MACHINED FOR A TIGHT FIT.



**DETAIL FOR PERMANENT VALVE
IN UNPAVED AREA**

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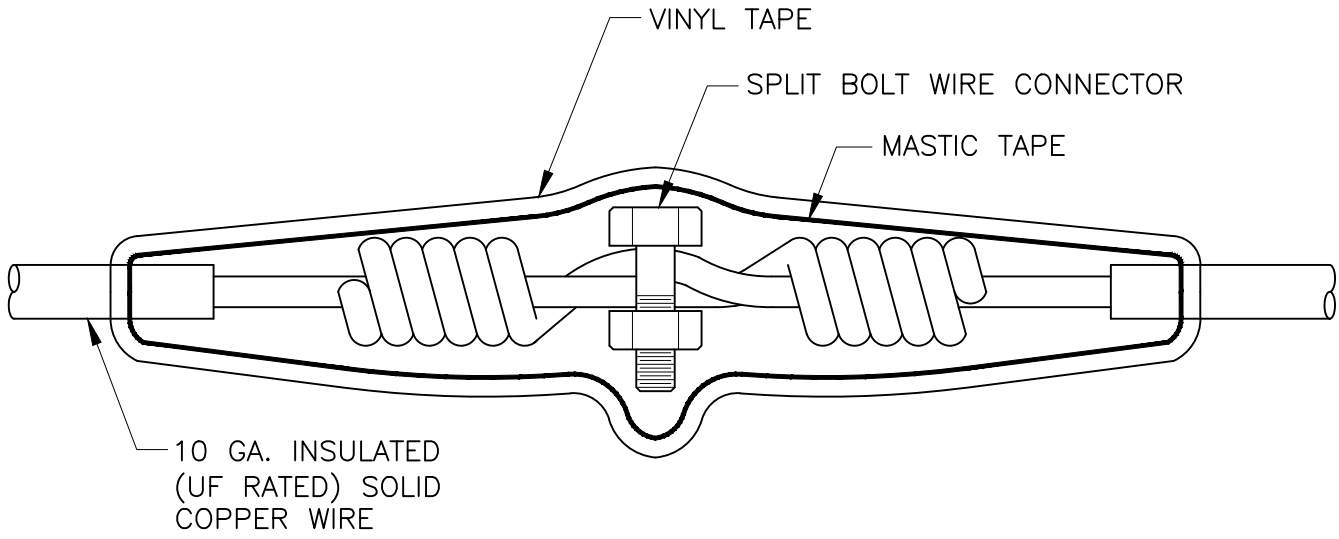
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WATER VALVE BOX

SHEET 1 OF 2

101-3

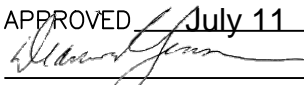


NOTES:

1. TWIST THE WIRE A MINIMUM OF FIVE TIMES ON EACH END.
2. INSTALL COPPER SPLIT BOLT CONNECTOR.
3. WIRE SPLICE TO BE SOLDERED.
4. COVER THE ENTIRE SPLICE WITH MASTIC TAPE WRAP.
5. WRAP MASTIC WITH VINYL TAPE.
6. WIRE SPLICES, WHERE NEEDED, SHALL BE LOCATED WITHIN A VALVE BOX PER STANDARD PLAN 101-03.

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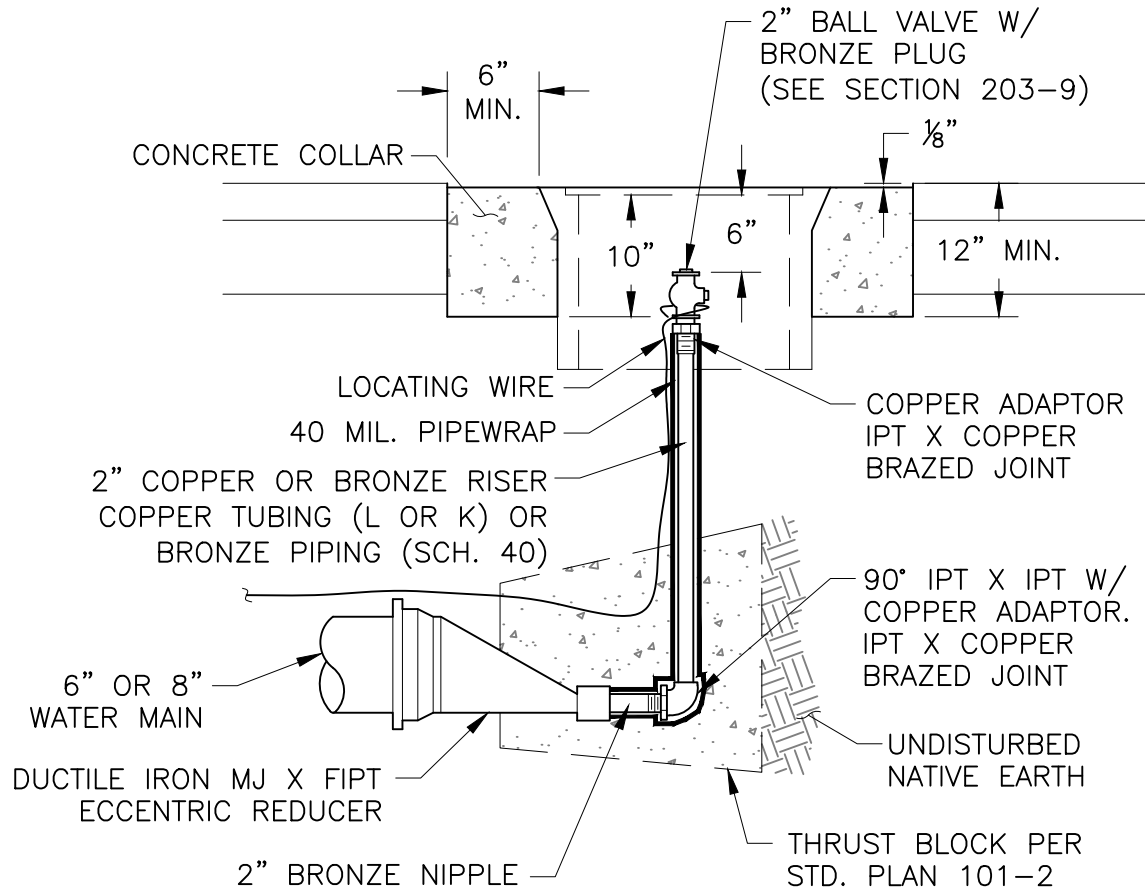
CITY OF DAVIS STANDARD PLAN

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LOCATING WIRE SPLICE

SHEET 2 OF 2

101-3

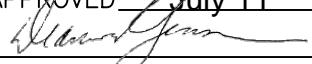


NOTES:

1. BOX IN LANDSCAPED AREAS: CHRISTY B16 BOX WITH REINFORCED CONCRETE LID (CHRISTY B16G).
2. STREET BOX IN RESIDENTIAL AREAS: CHRISTY B16 BOX WITH CAST IRON LID (CHRISTY B16C).
STREET BOX ON COLLECTORS AND ARTERIALS: CHRISTY B1324 BOX H/20 LOADING & LID, INSTALL SCREWS AND BOLTS THAT ARE PROVIDED BY MANUFACTURER.
3. SEE SECTIONS 203-10 AND 203-11 OF THE STANDARD SPECIFICATIONS FOR MATERIALS, SOLDER & BRAZING REQUIREMENTS.
4. PRIOR TO CONCRETE PLACEMENT THE CONTRACTOR SHALL CALL CITY FOR AN INSPECTION.
5. THE BALL VALVE SHALL BE ORIENTED SO THAT WHEN A WRENCH IS USED TO OPERATE THE VALVE, THE WRENCH IS PARALLEL TO THE LONG AXIS OF THE BOX.

Rev.	Description	Date	Rev.	Description	Date

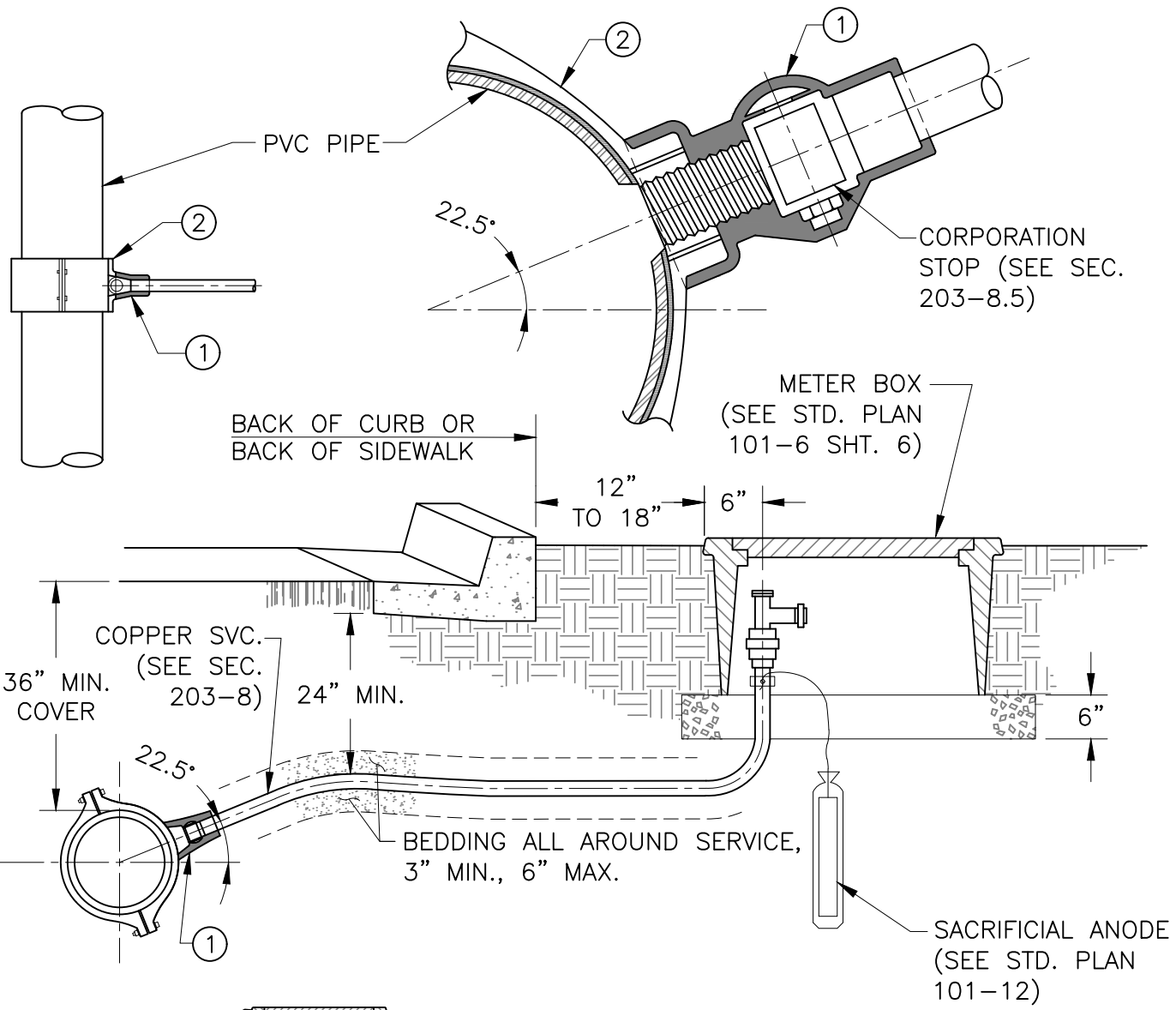
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WATERLINE BLOWOFF INSTALLATION

SHEET 1 OF 1

101-4



PVC PIPE

CORPORATION STOP (SEE SEC. 203-8.5)

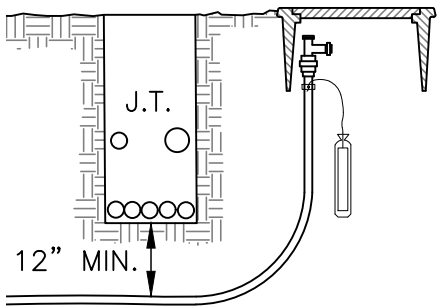
BACK OF CURB OR BACK OF SIDEWALK

METER BOX (SEE STD. PLAN 101-6 SHT. 6)

36" MIN. COVER
COPPER SVC. (SEE SEC. 203-8)

BEDDING ALL AROUND SERVICE, 3" MIN., 6" MAX.

SACRIFICIAL ANODE (SEE STD. PLAN 101-12)



TYP. JOINT TRENCH CROSSING

- ① POLYKEN #900 TAPE WRAP.
- ② ALL BRONZE SERVICE SADDLE (SEE SEC. 203-8.2)

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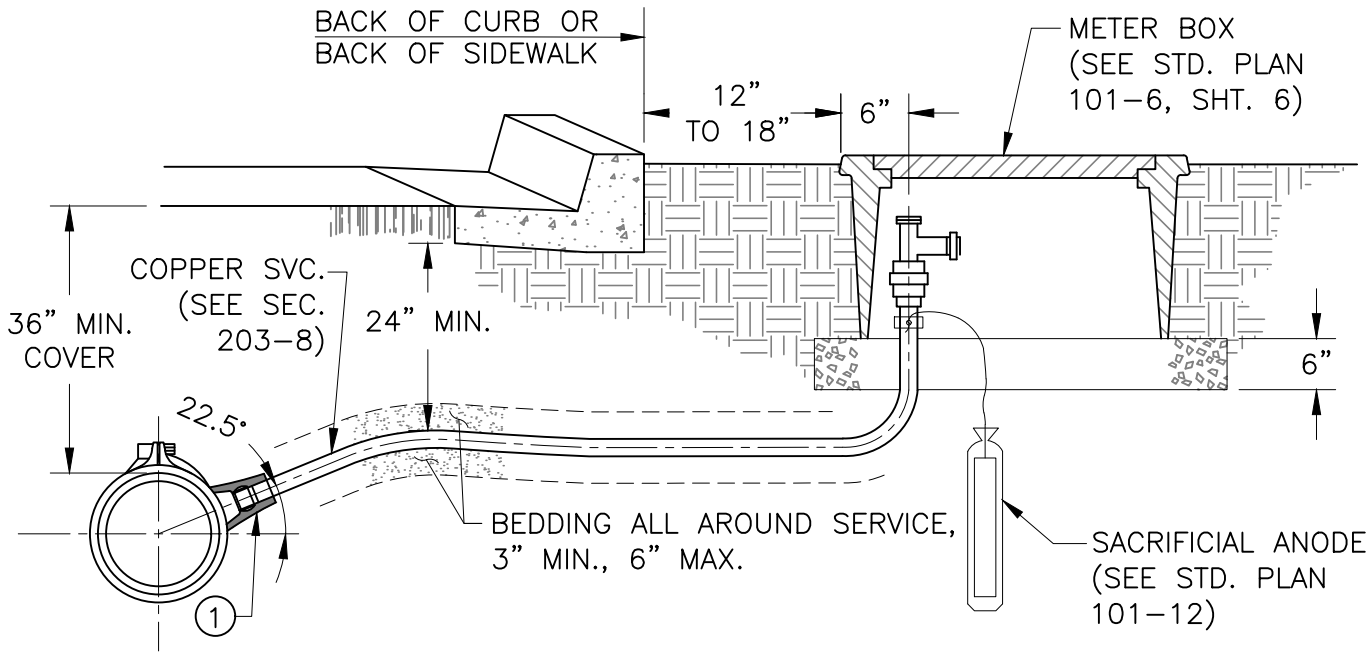
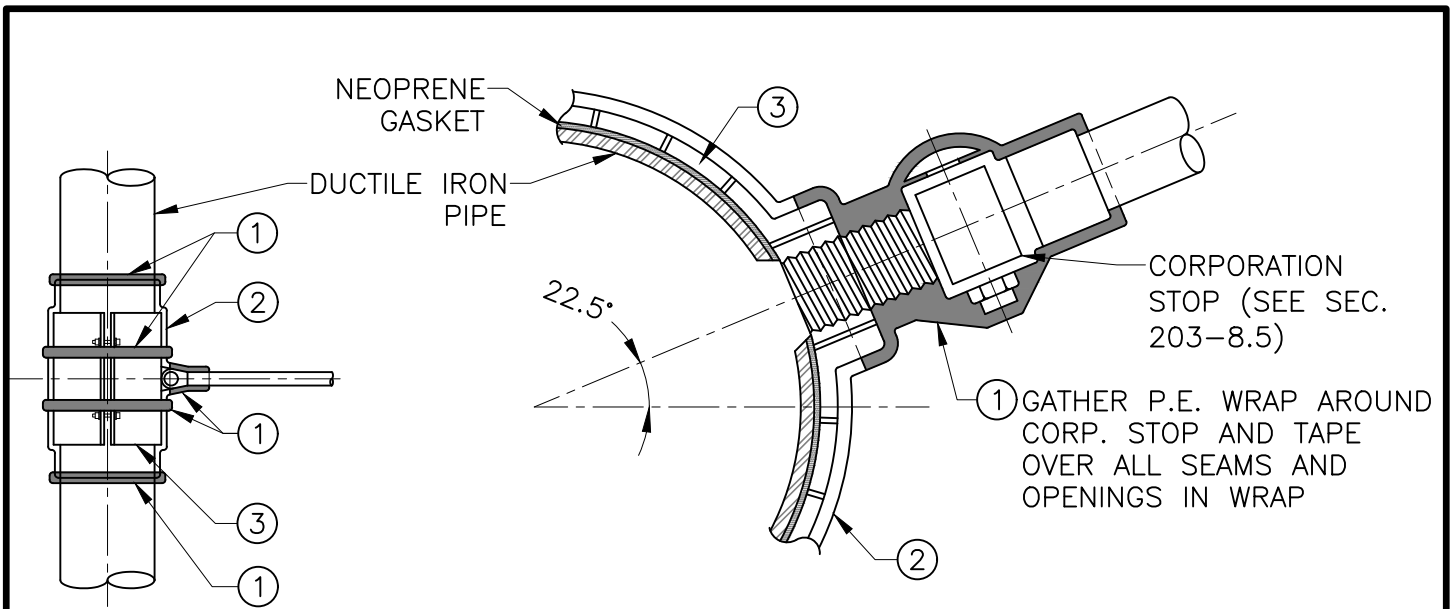
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 P.E. No. C-56636

WATER SERVICE UP TO 2" SERVICE TAP OF PVC PIPE

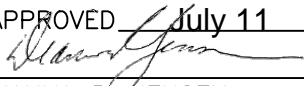
SHEET 1 OF 3 101-5



- ① POLYKEN #900 TAPE WRAP.
- ② TWO LAYERS OF POLYETHYLENE SLEEVE, 8-MIL MIN. THICKNESS.
- ③ STAINLESS STEEL SERVICE OUTLET CLAMP (ROMAC STYLE 306 OR EQUAL).

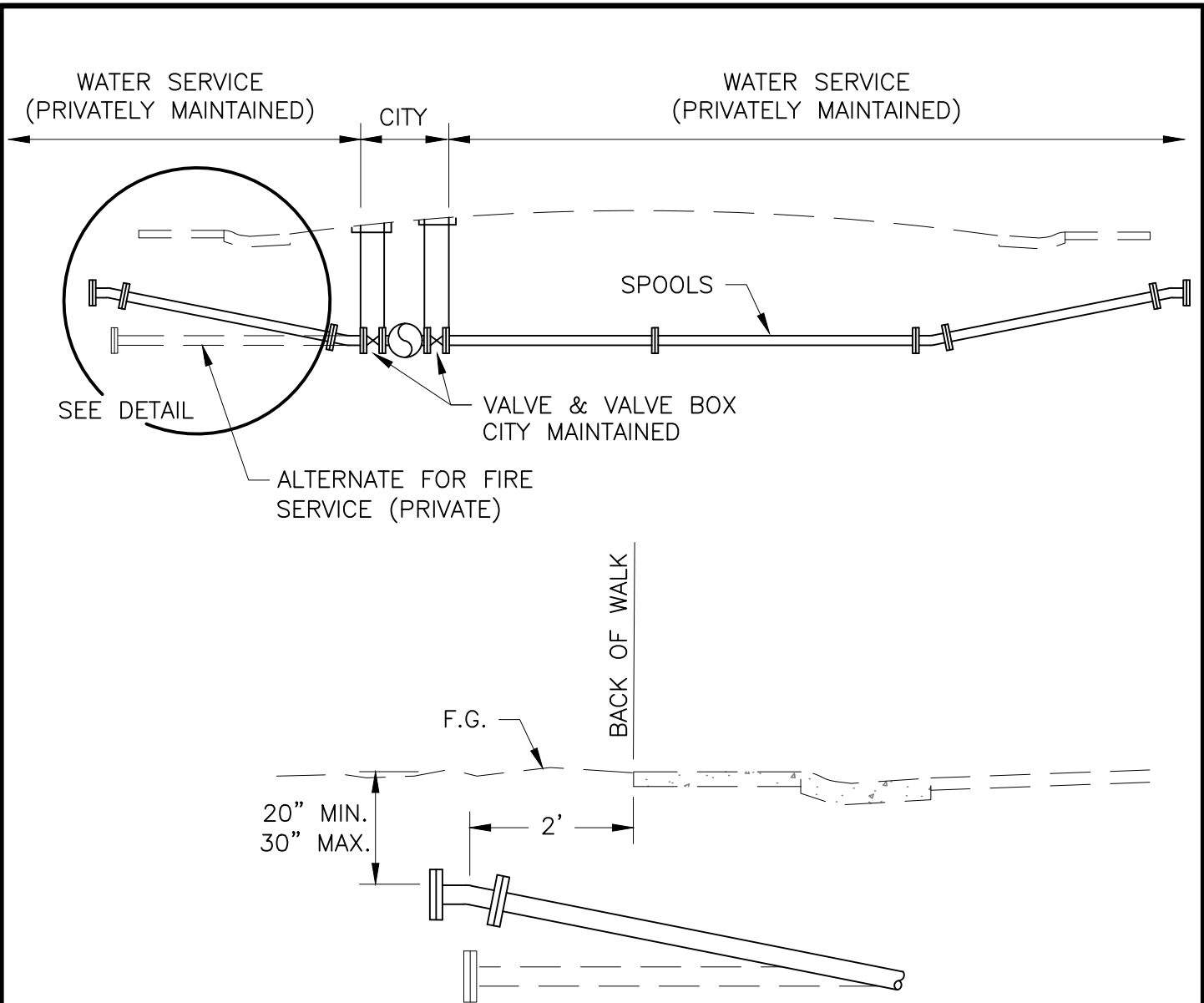
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**WATER SERVICE UP TO 2"
 SERVICE TAP OF DUCTILE IRON PIPE**

SHEET 2 OF 3 101-5

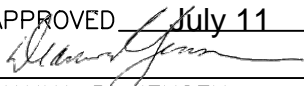


NOTES:

1. SEE SECTION 203-4.1 FOR PVC JOINT REQUIREMENTS.
2. IF DUCTILE IRON PIPE IS PERMITTED, FITTINGS SHALL BE FLANGED OR EQUIVALENT RESTRAINT AS DESIGNED BY ENGINEER.

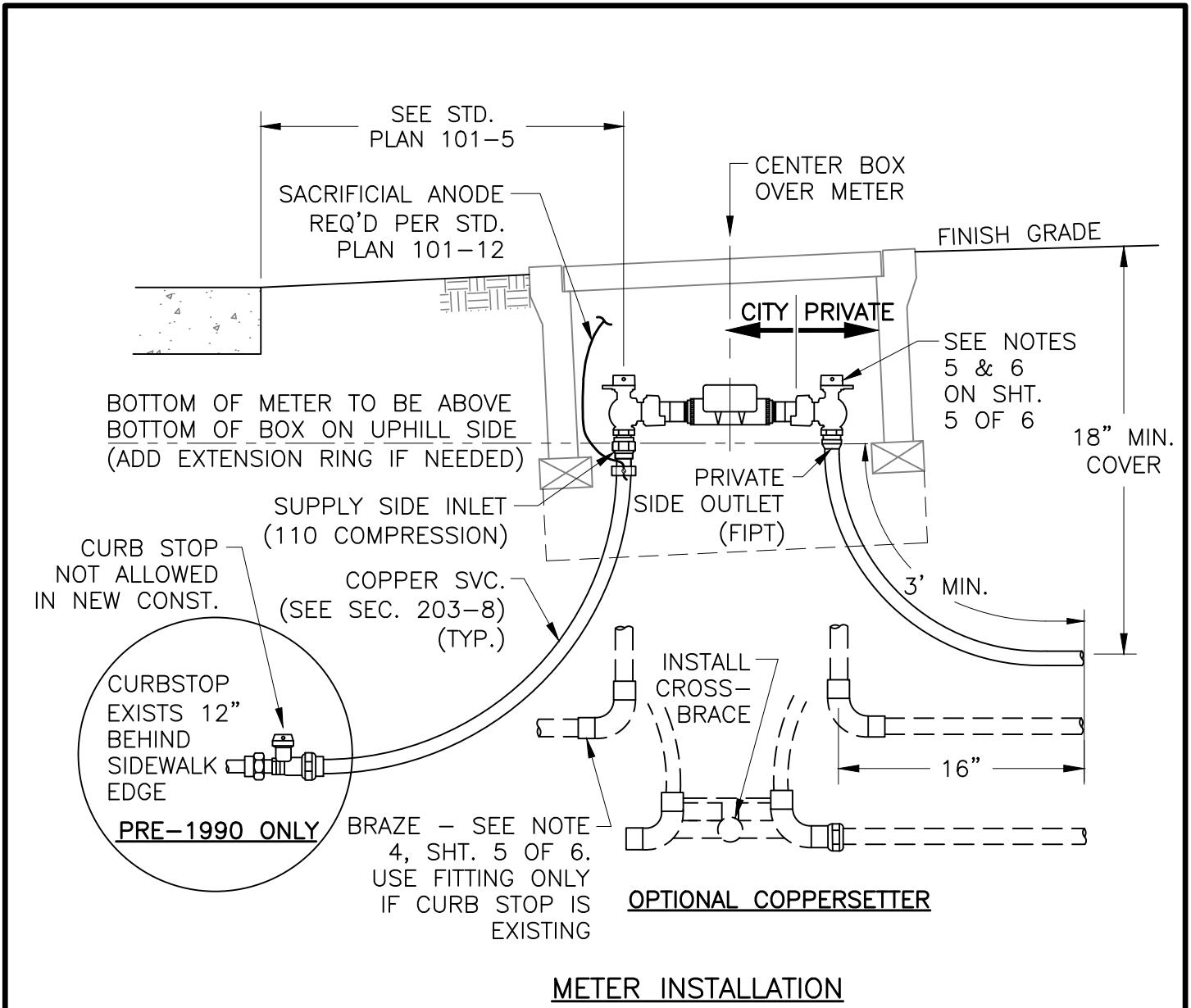
Rev.	Description	Date	Rev.	Description	Date

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**WATER SERVICE
4" & LARGER**

SHEET 3 OF 3 101-5



APPROVED METER: BADGER E-SERIES® ULTRASONIC

FOR NOTES, SEE SHEET 5 OF 6

Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

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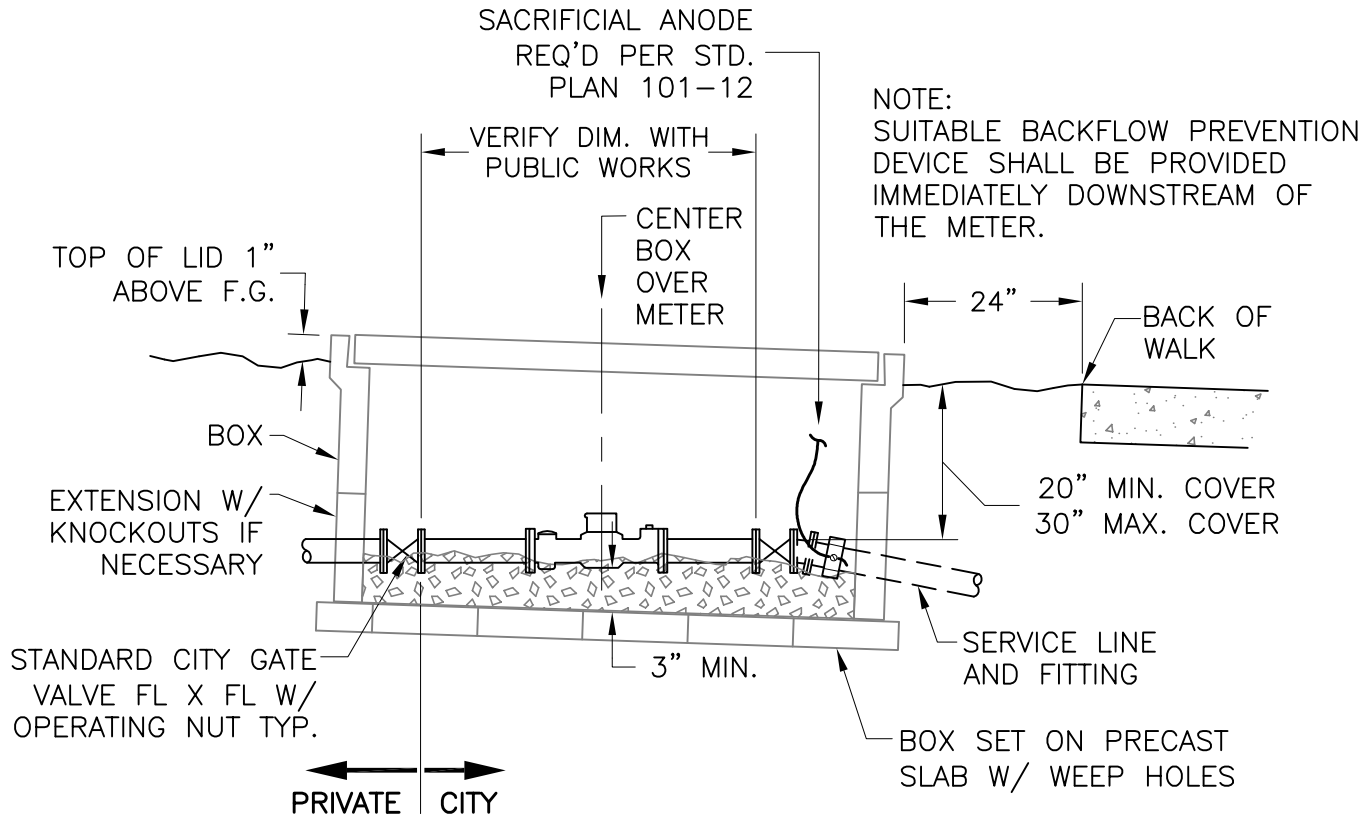
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P.E. No. C-56636

**WATER METER DETAILS
1" AND SMALLER**

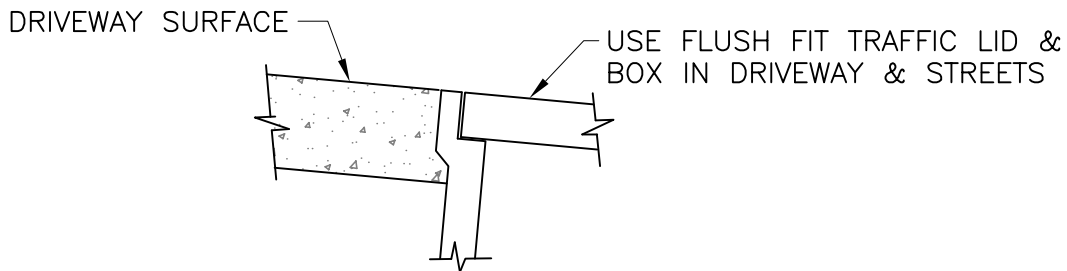
SHEET 1 OF 6

101-6



METER INSTALLATION

PLANTER INSTALLATION



DRIVEWAY INSTALLATION

DRIVEWAY SURFACE

APPROVED METER: SENSUS OMNI™ COMPOUND (C²)

FOR NOTES, SEE SHEET 5 OF 6

Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

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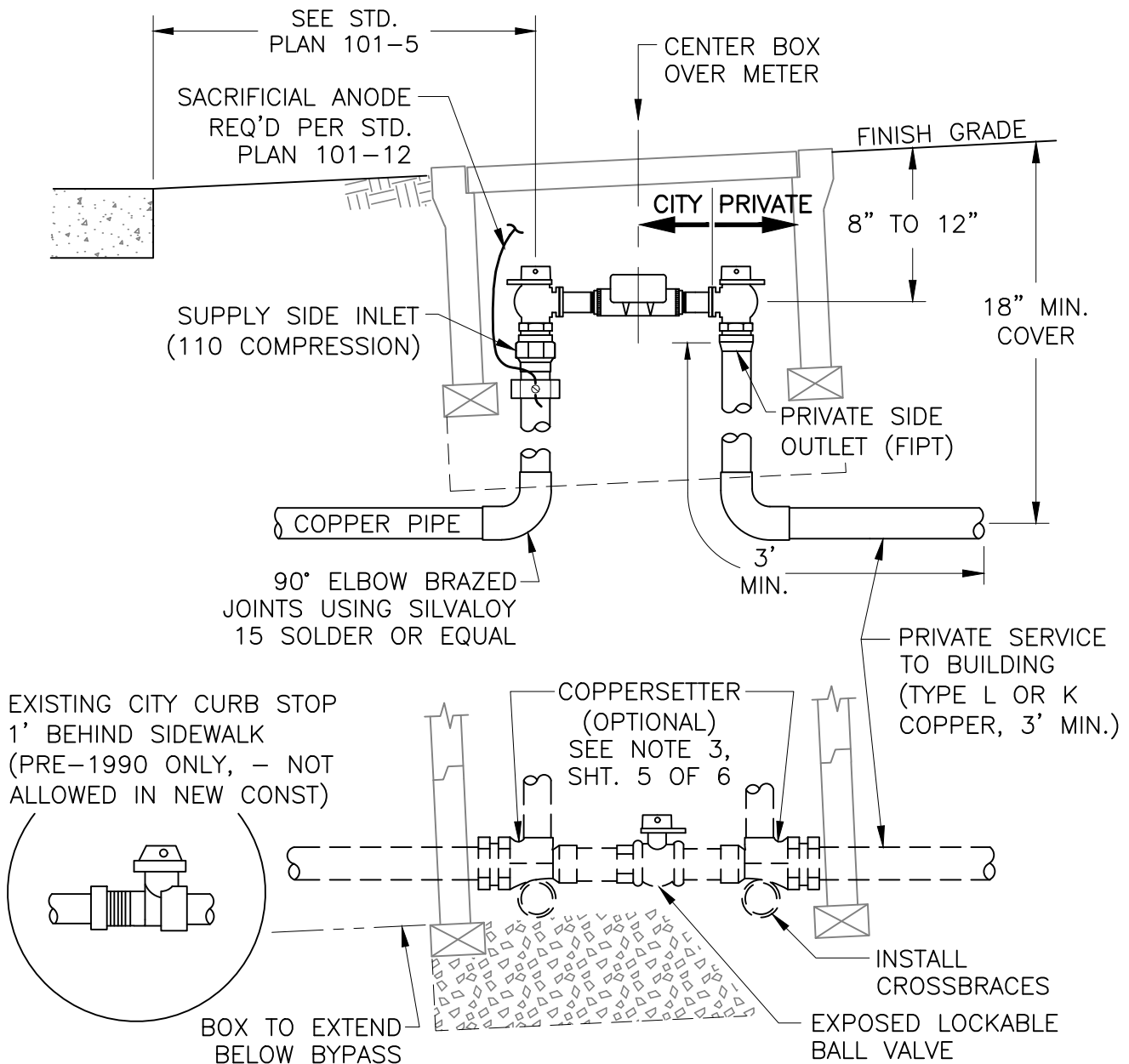
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P.E. No. C-56636

**WATER METER DETAILS
3" & LARGER**

SHEET 3 OF 6

101-6



METER INSTALLATION

APPROVED METER: BADGER E-SERIES® ULTRASONIC

FOR NOTES, SEE SHEET 5 OF 6

Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

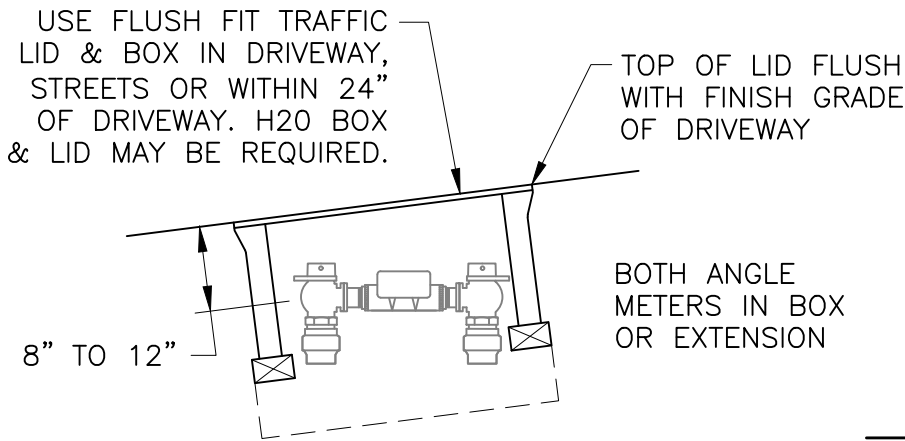
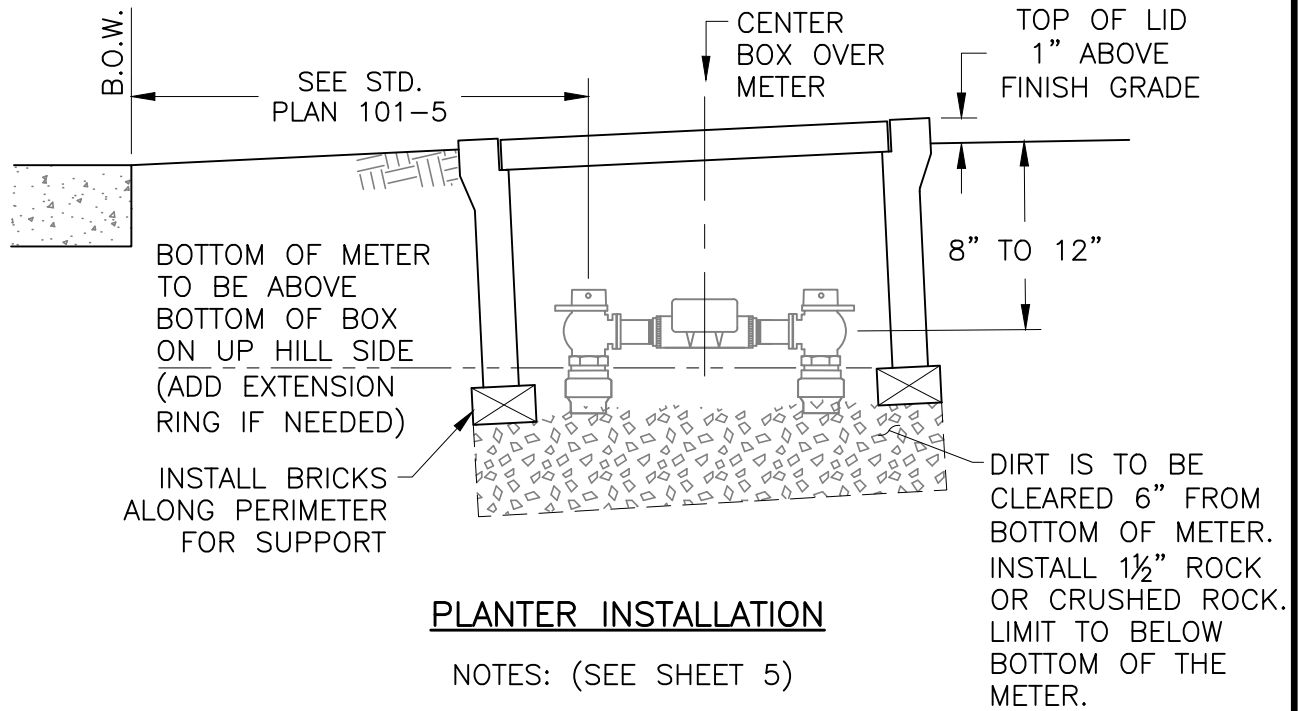
APPROVED *[Signature]* July 11 20 17

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P.E. No. C-56636

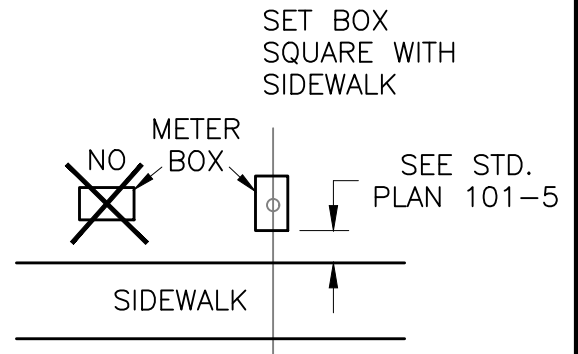
**WATER METER DETAILS
1½" AND 2"**

SHEET 2 OF 6

101-6



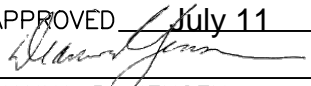
DRIVEWAY INSTALLATION
(SAME AS PLANTER EXCEPT AS SHOWN)



METER BOX PLACEMENT

Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

APPROVED July 11 2017

 DIANNA R. JENSEN
 P.E. No. C-56636

**WATER METER BOX DETAILS FOR
 DRIVEWAYS, & PLANTERS
 2" & SMALLER**

SHEET 4 OF 6

101-6

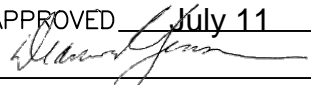
SERVICE SIZE	MANUFACTURER	SUPPLY SIDE MODEL#	COPPERSETTER
1"	Ford Mueller Jones McDonald	BA43-444W P-24258 E-1963W 74602B-22	As Approved
1½"	Ford Mueller Jones McDonald	BFA43-666W B24276 E-1975W 74602B-22	As Approved.
2"	Ford Mueller Jones McDonald	BFA43-777W B24276 E-1975W 74602B-22	As Approved.
4"+	Gate Valves required per Standard Specifications, designed by private Engineer, reviewed and approved by City Engineer.		Not applicable.

METER SERVICE CONSTRUCTION NOTES:

1. Water Division – Public Works Department, shall determine appropriate meter size based upon water meter sizing form submitted by applicant.
2. Suitable Backflow prevention shall be provided downstream of the meter when required by the City. Refer to the Rules and Regulations for Backflow Prevention published by PW.
3. Coppersetter with bypass may be required depending on service use. Provide meter box extensions to fully enclose bypass.
4. Silvaloy 15 solder or equal shall be used for all brazing.
5. All adapters and other fittings shall be of the same manufacturer as both angle meter stops at a particular service. Angle stops at front and back of meter shall be of same manufacturer.
6. Makes/models shown in the table above are approved for use by the City. Equivalent meter stops, angle stops and accessories by other manufacturers may be allowed subject to City Engineer review and approval.
7. Multiple meters serving one address shall be labeled per Spec. Sect. 203-10.9.

Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

APPROVED July 11 20 17

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 P.E. No. C-56636

**ANGLE METER STOPS &
CONSTRUCTION NOTES**

SHEET 5 OF 6

101-6

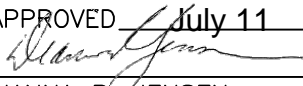
METER SIZE	BOX SIZE	LANDSCAPED AREAS	TRAFFIC AREAS
¾" 1"	13" x 24" inside dimensions	OLDCASTLE: BOX: FL30TBOX LID: FL30T	OLDCASTLE: BOX: B1324, H20 Loading. LID: B1324-51GH, Flush mount, Steel Checker Plate, 10,000# design load or Fibrelyte lid.
1½" 2"	17" x 30" inside dimensions	OLDCASTLE: BOX: FL36TBOX LID: FL36T	OLDCASTLE: BOX: B1730, H20 Loading LID: B1730-51GH, Steel Checker
3"	30" x 48" inside dimensions	OLDCASTLE: BOX: N48BOX LID: B48-62G	OLDCASTLE: BOX: B3048, H20 Loading LID: B3048-53JH, Steel Checker
4"	30" x 48" inside dimensions	OLDCASTLE: BOX: N48BOX LID: B48-62G	OLDCASTLE: BOX: B3048, H20 Loading LID: B3048-53JH, Steel Checker
6"+	Designed by private Engineer, reviewed and approved by City Engineer. Box and lid must conform to AASHTO H20 criteria in traffic loading situations.		

METER BOX AND LID NOTES:

- All box knock-outs for lines shall be left in place for 1", 1½" and 2" meter sizes. Service lines shall be placed under lowest edge of boxes and any extensions.
- Stainless Steel pentagon-head bolts (5-sided) shall be provided with lids for ¾" through 2" boxes in landscaped areas. Normal bolts shall be provided with traffic boxes when applicable.
- For N30 concrete boxes, steel lid or traffic rated Fibrelyte Lid is required for ¾" and 1" services in driveways, sidewalks, concrete or other paved hard surfaces.
- Makes and models by Oldcastle Precast, as shown in the table above are approved for use. Equivalent boxes/lids by other manufacturers will be allowed subject to City Engineer review and approval. Plastic or Fibrelyte boxes/lids shall be green in color.
- Per standard specifications, allowable service line sizes are 1", 1½", 2" or 4" and larger. Meter sizes may be smaller than service lines depending on flow demands.
- Lids shall have one 1¾" diameter hole for touch read device installation (T.R. device installation by City).
- Traffic boxes for 1½" and larger services installed in A.C. pavement, or other hard surfaces shall have 12" deep by 12" wide concrete collar constructed around the exterior of the box per Standard Plan 201-2 (indicated as TOP BLOCK on Sheet 1 of 201-2).

Rev.	Description	Date	Rev.	Description	Date

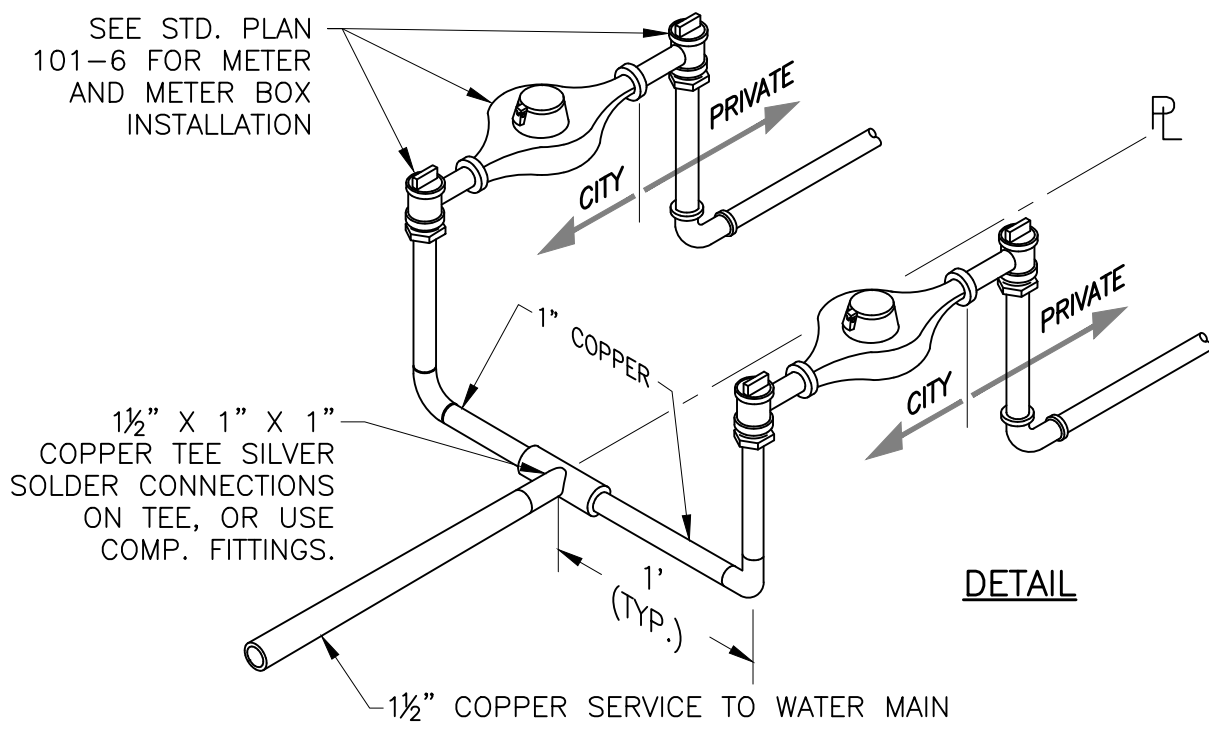
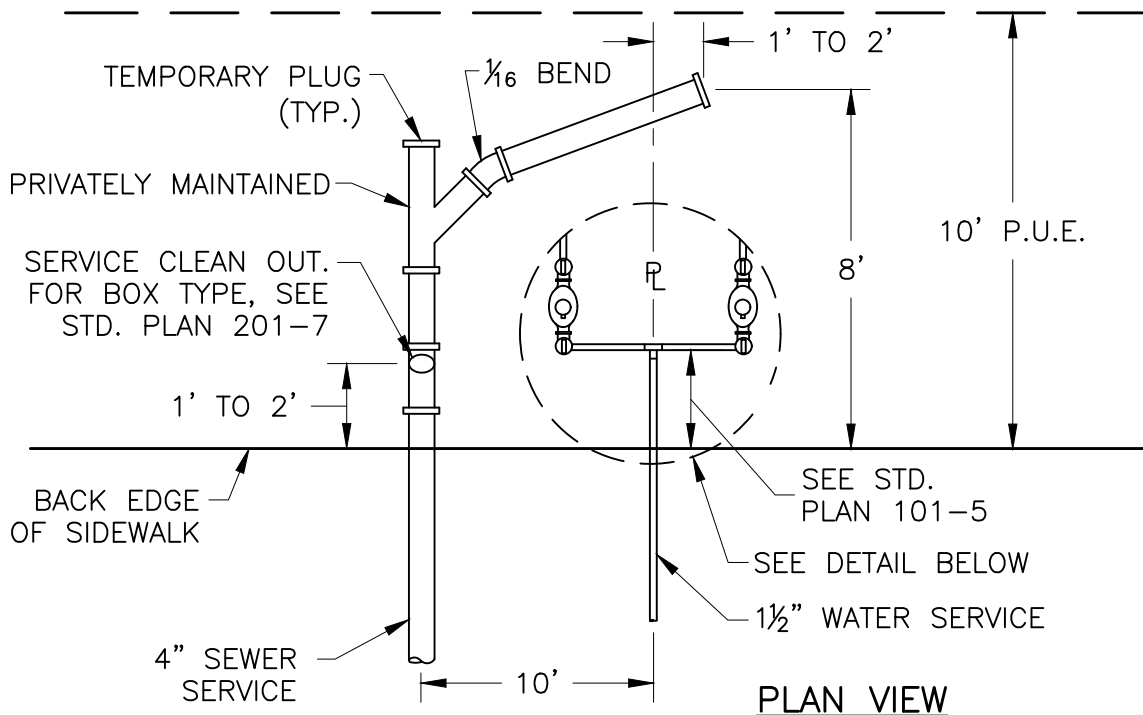
CITY OF DAVIS STANDARD PLAN

APPROVED July 11 20 17

 DIANNA R. JENSEN
 P.E. No. C-56636

WATER METER - BOXES AND LIDS

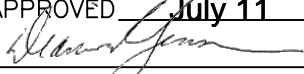
SHEET 6 OF 6

101-6



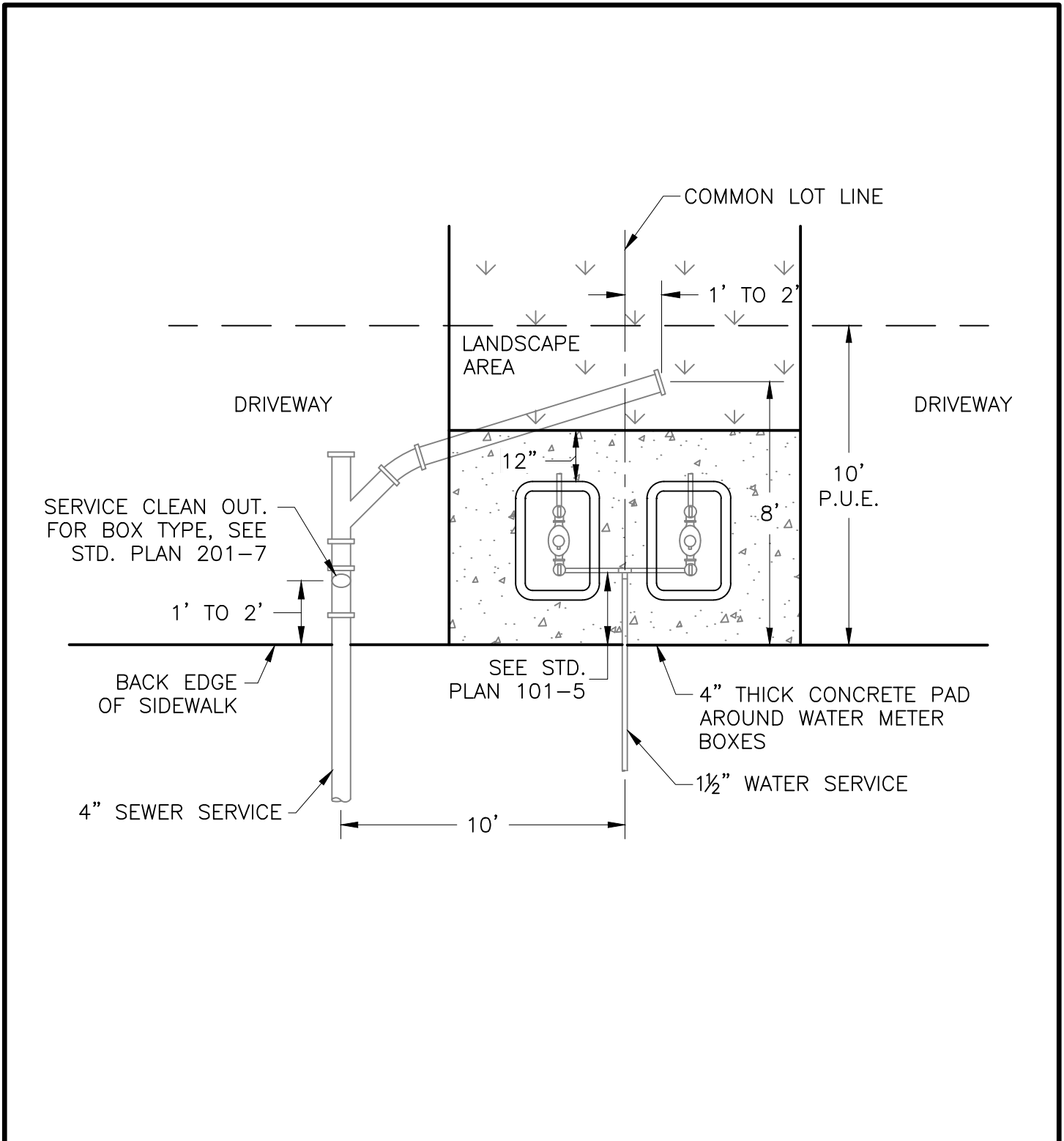
Rev.	Description	Date	Rev.	Description	Date

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DUPLEX UTILITY SERVICE

SHEET 1 OF 2 101-7



Rev.	Description	Date	Rev.	Description	Date

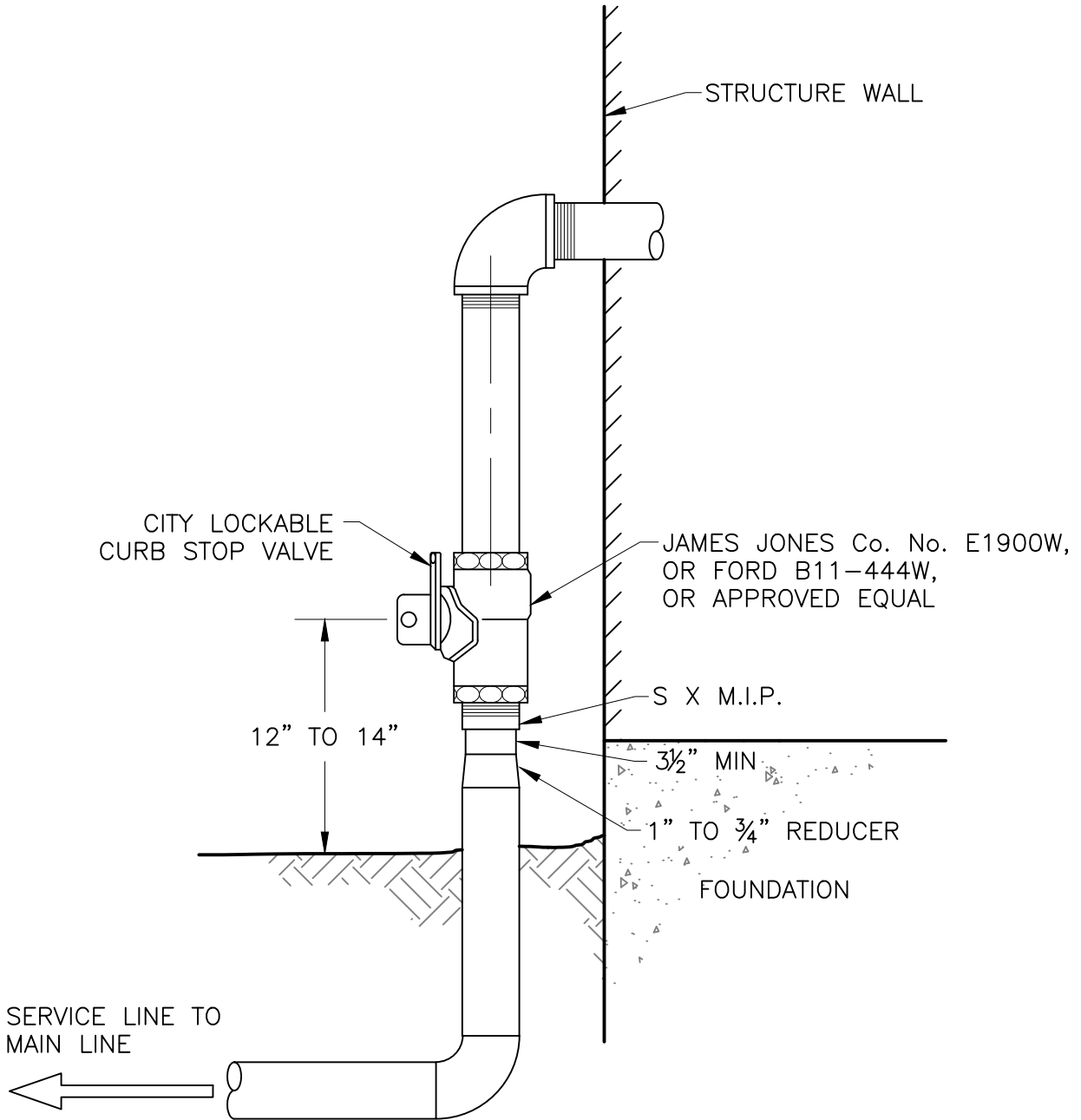
CITY OF DAVIS STANDARD PLAN

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[Signature]
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DUPLEX UTILITY SERVICE LOCATIONS

SHEET 2 OF 2

101-7



Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

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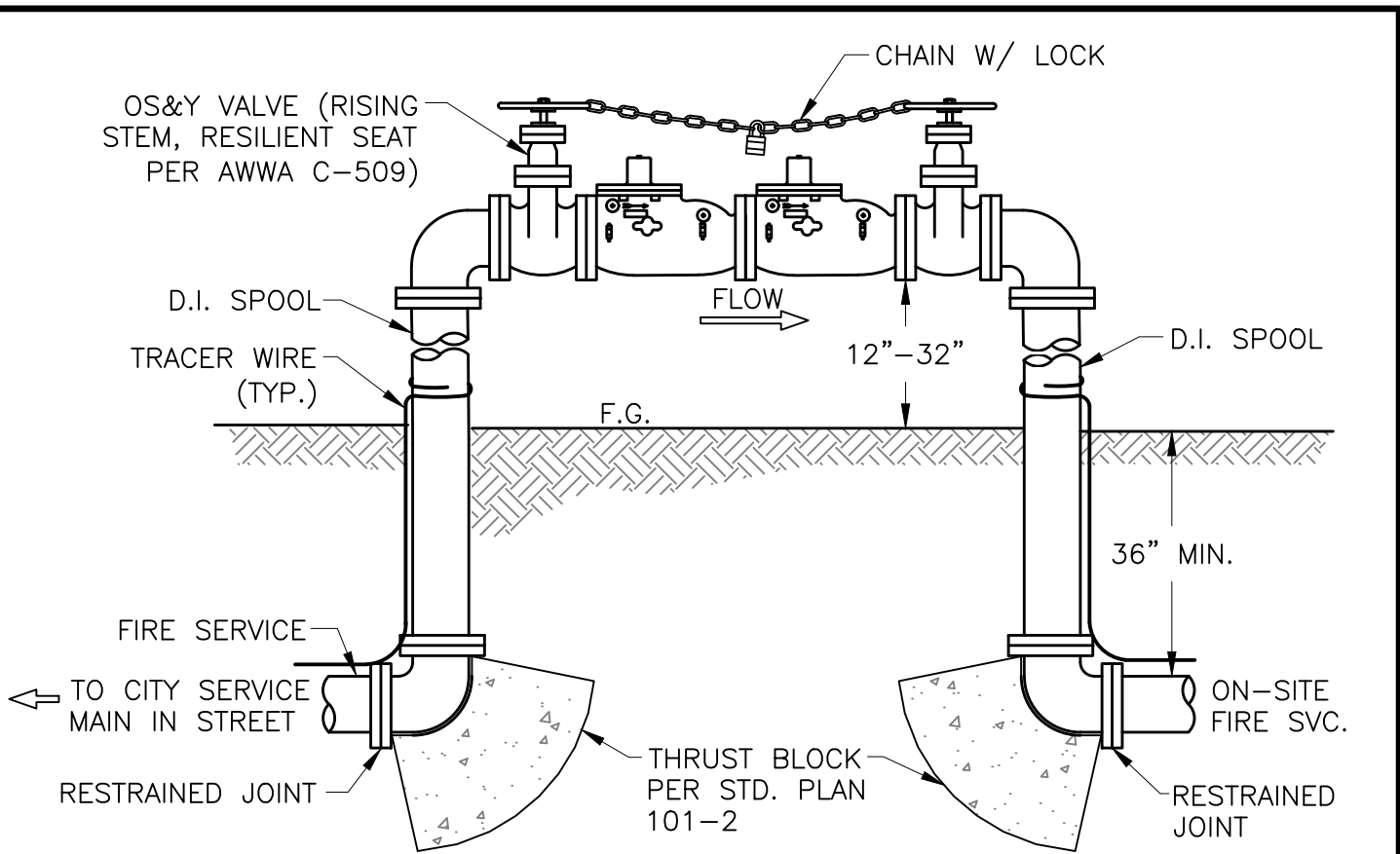
Dianna R. Jensen

DIANNA R. JENSEN
P.E. No. C-56636

**CONDOMINIUM WATER SERVICE
SHUT OFF**

SHEET 1 OF 1

101-8




NOTES:

1. ALL SPOOLS SHALL BE FLANGED. FLANGES SHALL BE THREADED OR WELDED.
2. THRUST BLOCKS REQUIRED – SEE CITY STD. PLAN 101-2.
3. VERTICAL SUPPORT MAY BE REQUIRED (BY MANUFACTURER) ON LARGER SIZE VALVES.
4. BRASS OR BRONZE PLUGS REQUIRED FOR PETCOCK OPENINGS.
5. APPROVED CHAIN PROVIDED BY CONTRACTOR, LOCK PROVIDED BY CITY.
6. NO PRIVATE OUTLET, TAP, TEE OR OTHER CONNECTION WILL BE ALLOWED BETWEEN THE SERVICE CONNECTION AND THE BACKFLOW PREVENTION ASSEMBLY.
7. DOUBLE CHECK DETECTOR ASSEMBLY SHALL BE FEBCO MODEL LF856 DCDA, AMES 3000SS DCDA, OR APPROVED EQUAL ASSEMBLY AND SHALL INCLUDE INSTALLING TWO OS&Y GATE VALVES.
8. ASSEMBLY SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY'S CROSS CONNECTION REQUIREMENTS.
9. DETECTOR METER SHALL READ "CUBIC FEET".

Rev.	Description	Date	Rev.	Description	Date

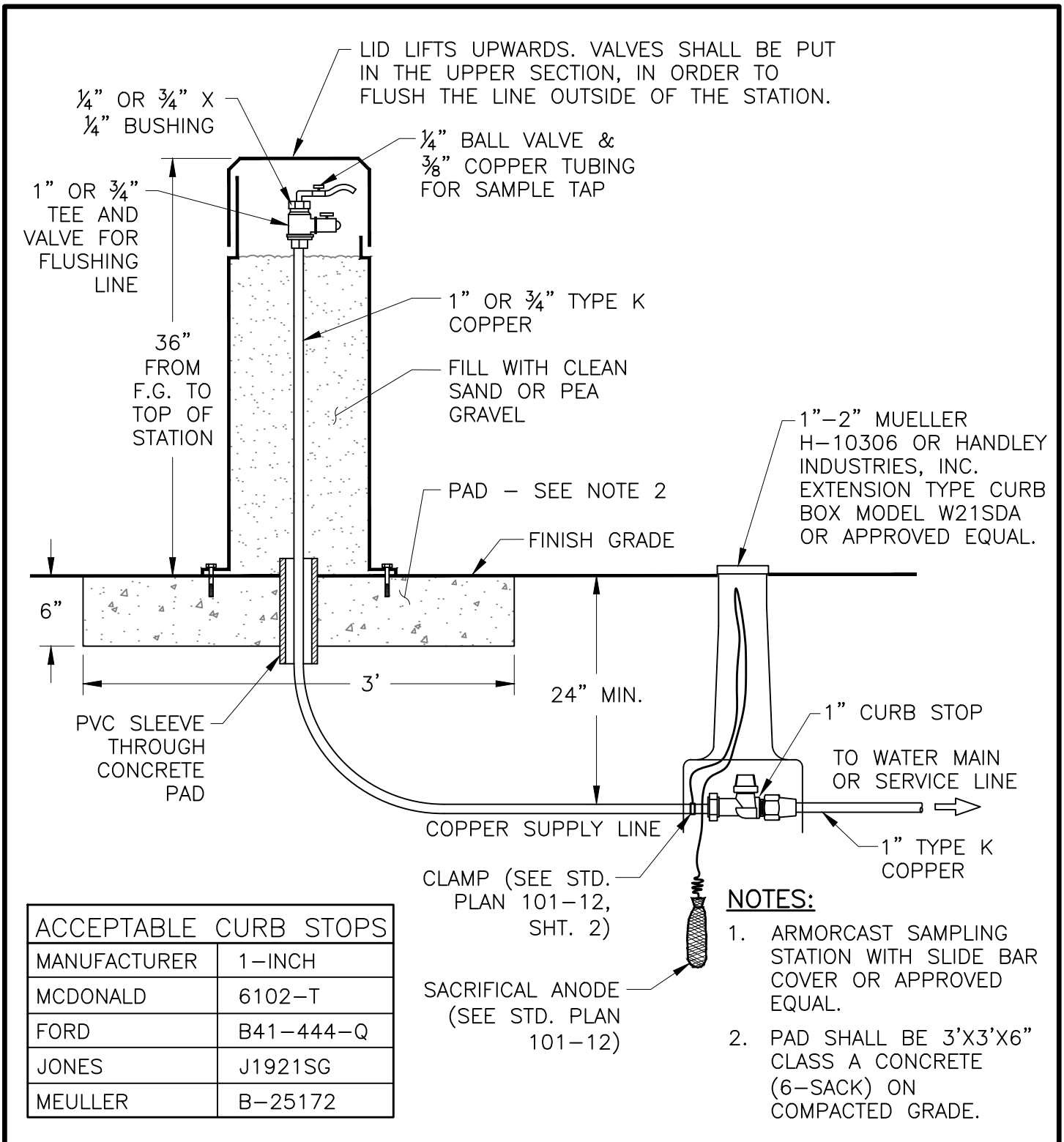
CITY OF DAVIS STANDARD PLAN

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 P.E. No. C-56636

**DOUBLE CHECK DETECTOR ASSEMBLY
 FOR 4" & ABOVE PRIVATE WET LINE SYSTEM**

SHEET 1 OF 1

101-9



ACCEPTABLE CURB STOPS	
MANUFACTURER	1-INCH
MCDONALD	6102-T
FORD	B41-444-Q
JONES	J1921SG
MEULLER	B-25172

- NOTES:**
1. ARMORCAST SAMPLING STATION WITH SLIDE BAR COVER OR APPROVED EQUAL.
 2. PAD SHALL BE 3'X3'X6" CLASS A CONCRETE (6-SACK) ON COMPACTED GRADE.

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CITY OF DAVIS STANDARD PLAN

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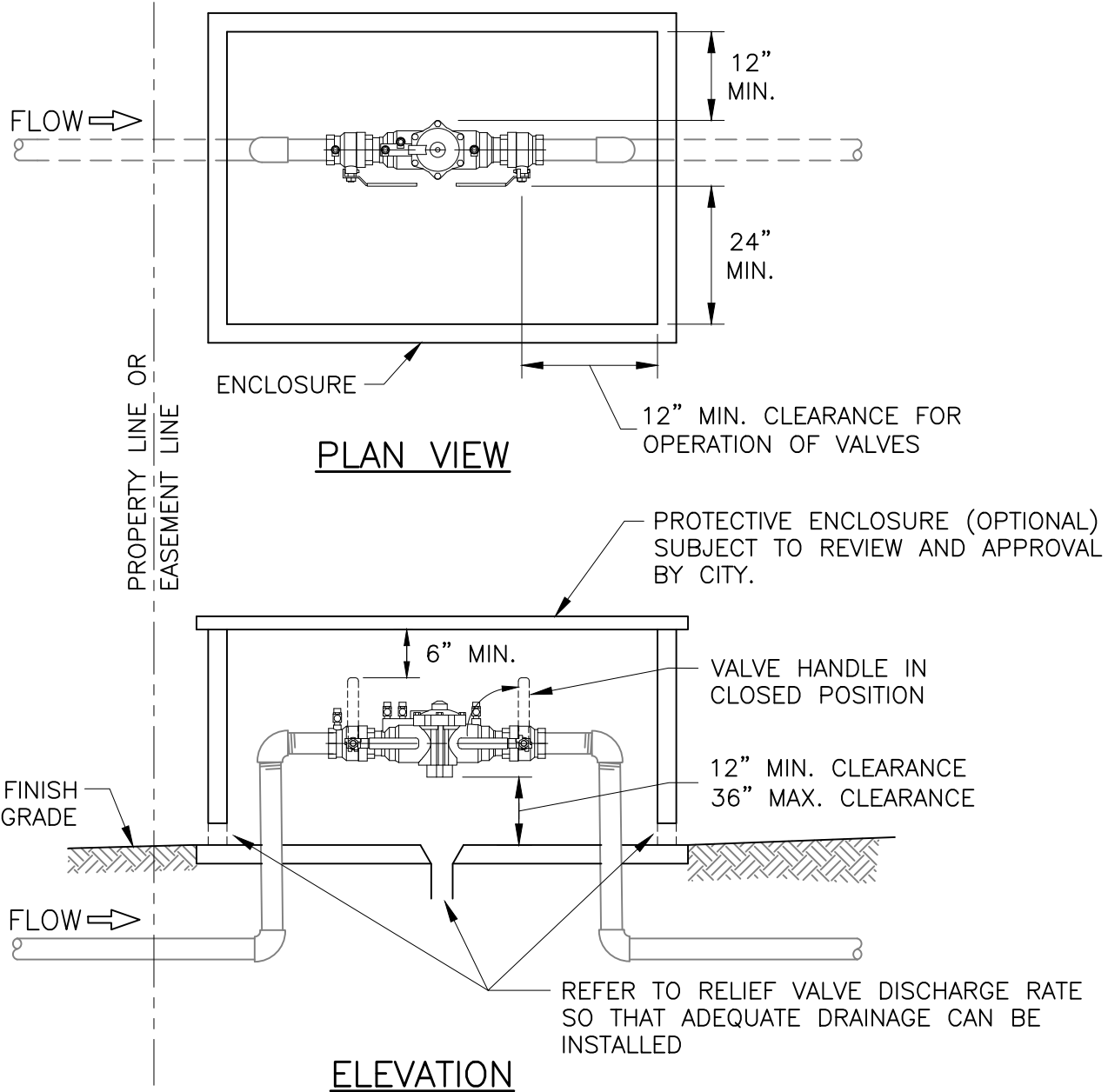
WATER SAMPLING STATION

SHEET 1 OF 1

101-10

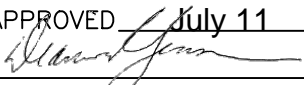
NOTES:

1. INSTALLER TO OBTAIN PERMIT PRIOR TO PERFORMING WORK. BACKFLOW ASSEMBLY MUST MEET APPROVAL OF PUBLIC WORKS DIRECTOR OR DESIGNATED REPRESENTATIVE.
2. BRASS OR BRONZE PLUGS SHALL BE INSTALLED IN TEST COCKS.
3. PIPE MATERIAL UP TO 2" SHALL BE TYPE "K" COPPER.
4. 2" AND SMALLER JOINTS CAN BE BRAZED USING STANDARD FITTINGS.



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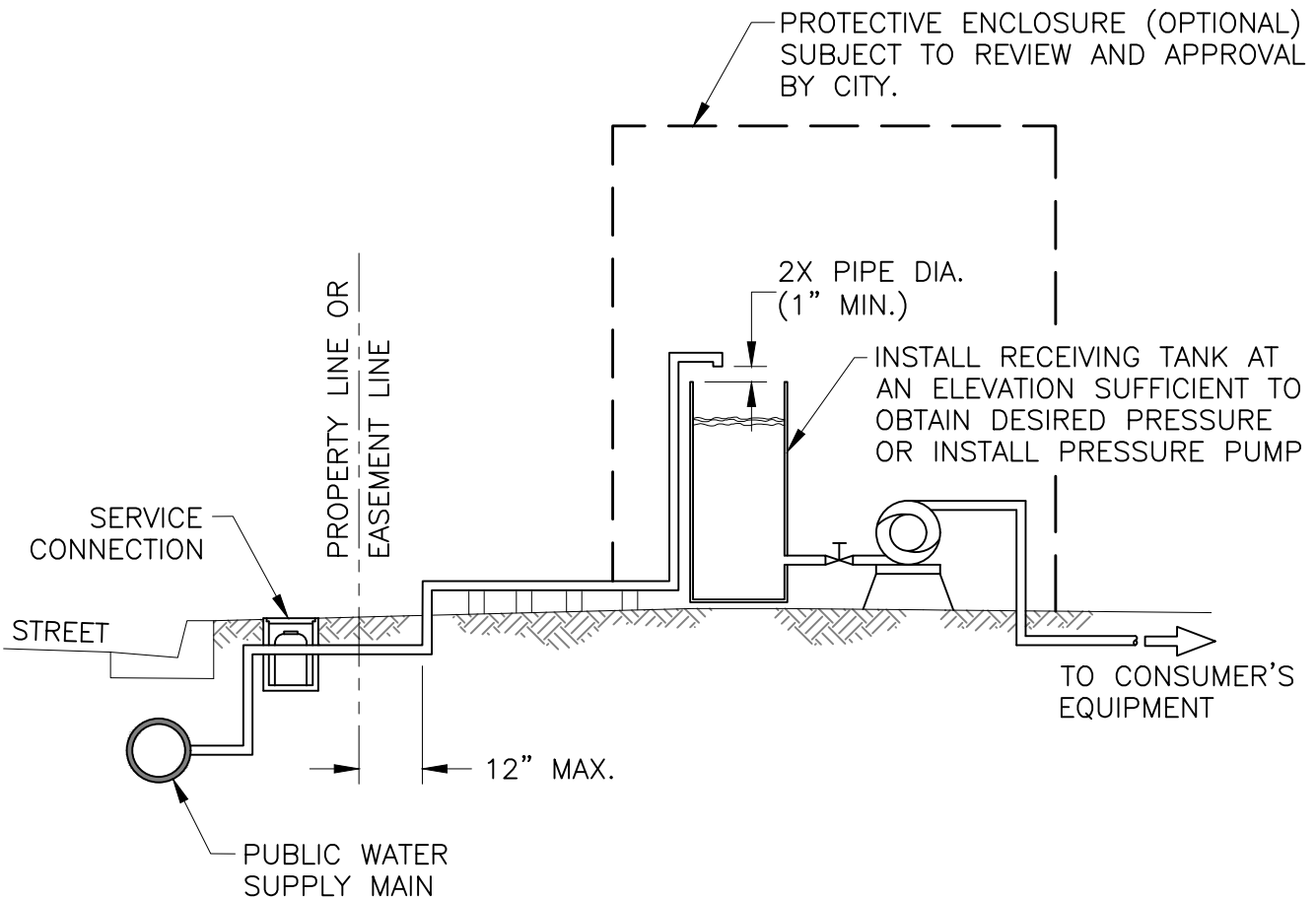
**BACKFLOW PREVENTION -
 ASSEMBLY LAYOUT**

SHEET 1 OF 2

101-11

NOTES:

1. INSTALLER TO OBTAIN PERMIT PRIOR TO PERFORMING WORK.
2. WATER SUPPLY LINE: NO OUTLET, TAP, TEE OR CONNECTION BETWEEN SERVICE CONNECTION AND BACKFLOW PREVENTION ASSEMBLY.
3. WATER METER MAY BE LOCATED ABOVE OR BELOW GRADE AS APPROVED BY WATER DIVISION OF PUBLIC WORKS.
4. SUPPORTS RECOMMENDED FOR ASSEMBLIES 2½" AND LARGER.
5. WYE STRAINER RECOMMENDED IN FRONT OF BACKFLOW PREVENTER.



Rev.	Description	Date	Rev.	Description	Date

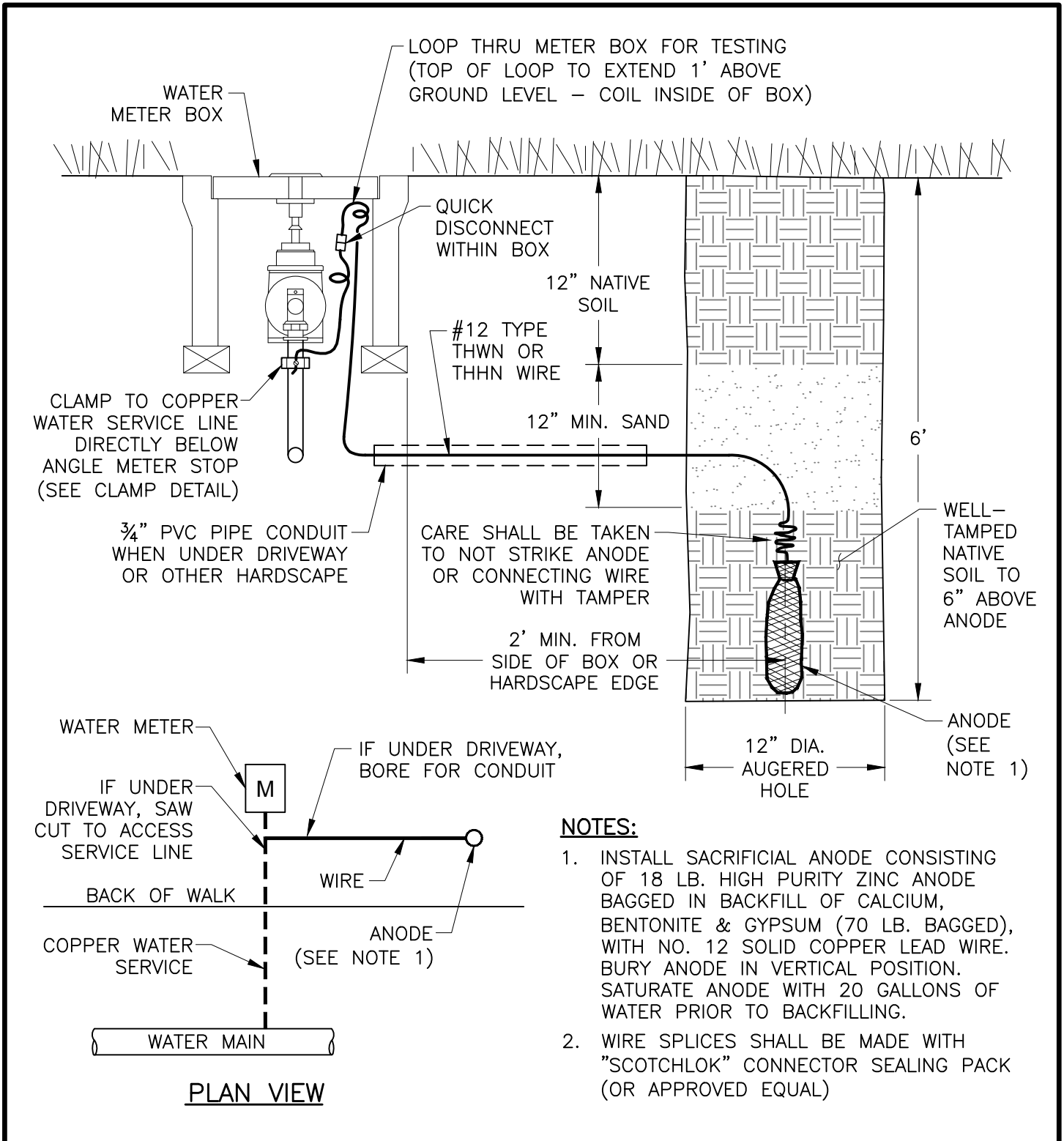
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[Signature]
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 P.E. No. C-56636

**BACKFLOW PREVENTION -
 AIR-GAP SEPARATION**

SHEET 2 OF 2

101-11



NOTES:

1. INSTALL SACRIFICIAL ANODE CONSISTING OF 18 LB. HIGH PURITY ZINC ANODE BAGGED IN BACKFILL OF CALCIUM, BENTONITE & GYPSUM (70 LB. BAGGED), WITH NO. 12 SOLID COPPER LEAD WIRE. BURY ANODE IN VERTICAL POSITION. SATURATE ANODE WITH 20 GALLONS OF WATER PRIOR TO BACKFILLING.
2. WIRE SPLICES SHALL BE MADE WITH "SCOTCHLOK" CONNECTOR SEALING PACK (OR APPROVED EQUAL)

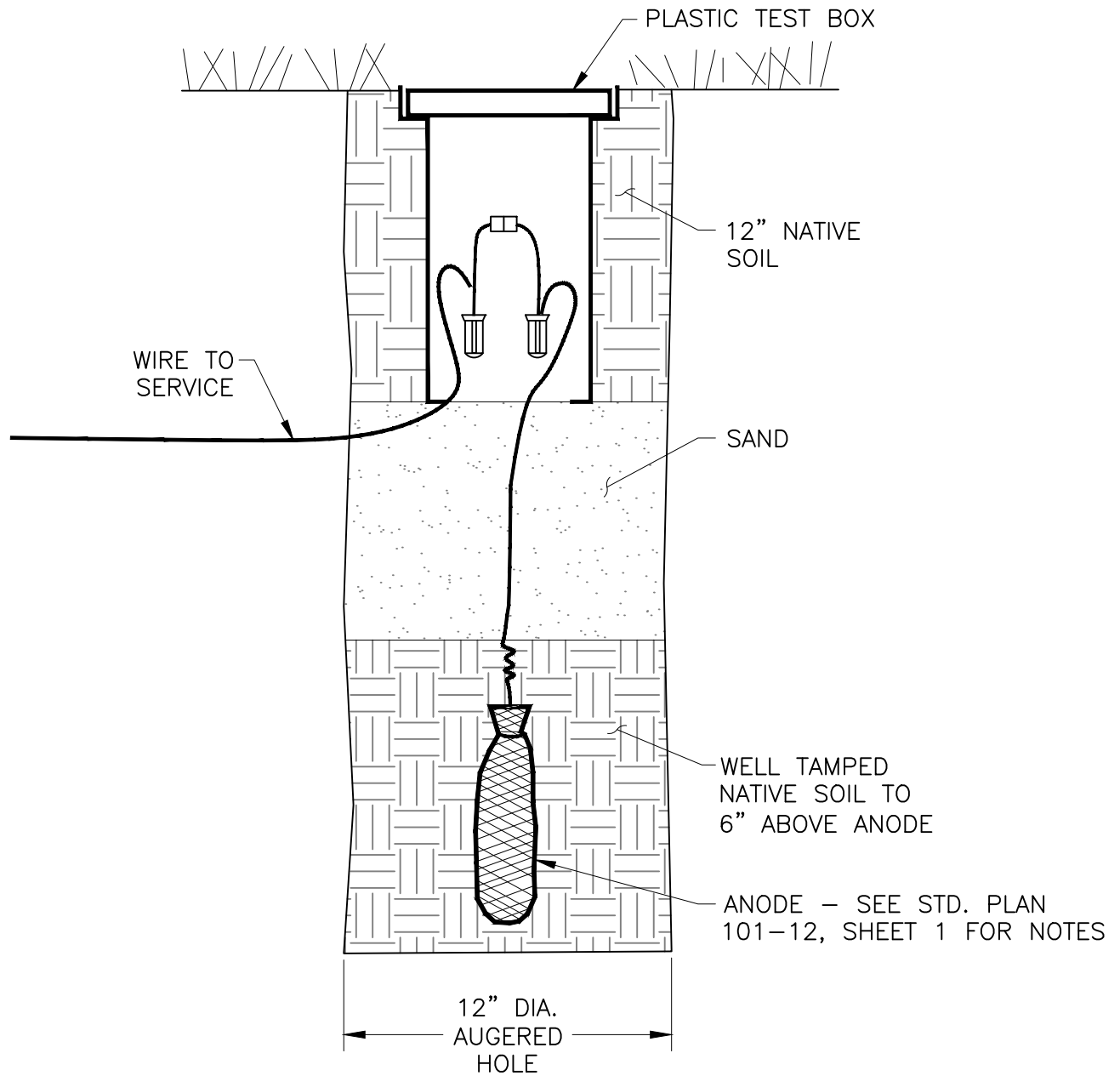
Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

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 P.E. No. C-56636

2" AND SMALLER SACRIFICIAL ANODE INSTALLATION

SHEET 1 OF 3 101-12

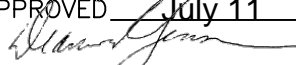


NOTE:

SPLICE WIRES WITH "SCOTCHLOK" CONNECTOR SEALING PACK (OR APPROVED EQUAL).

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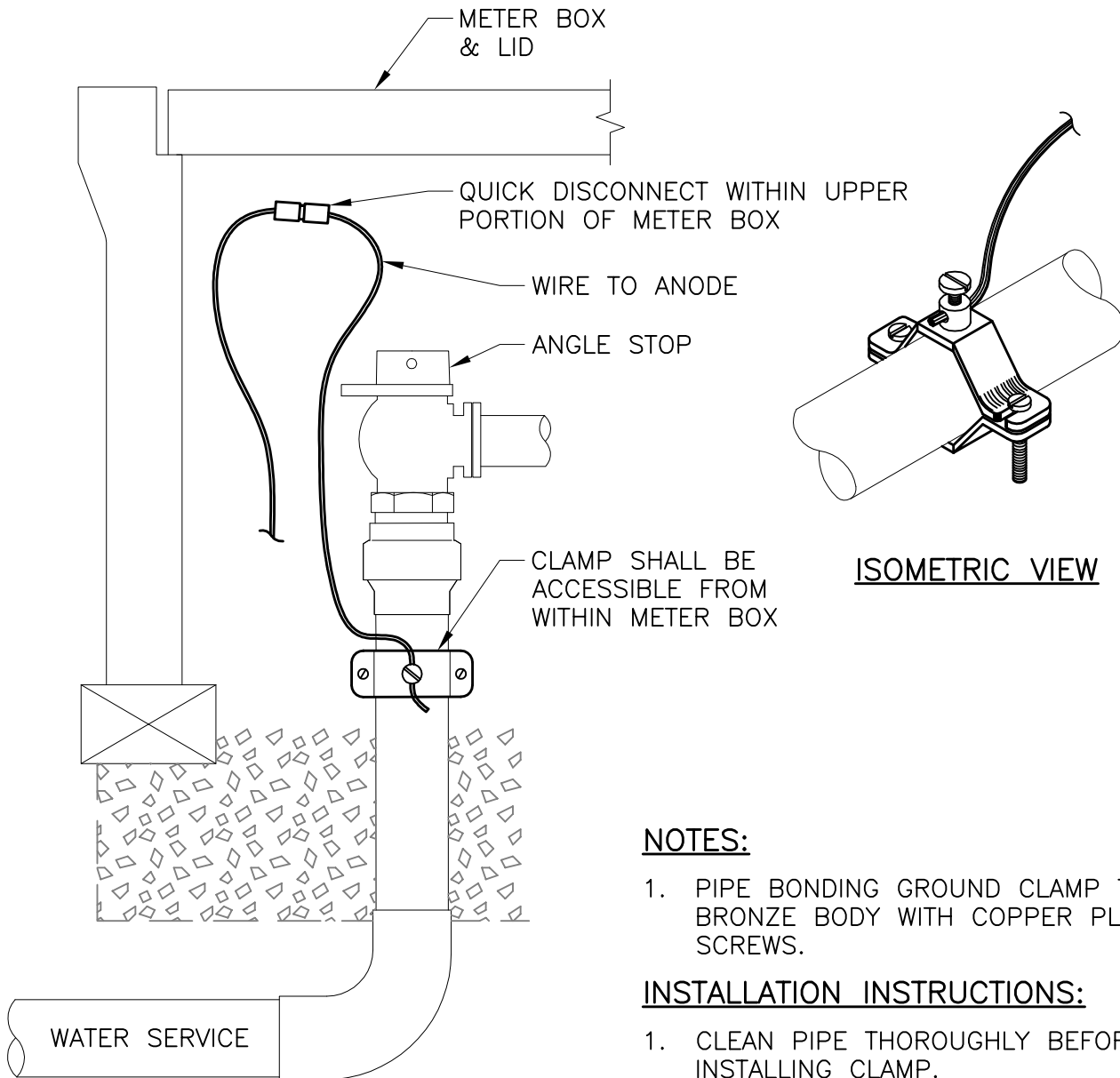
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 P.E. No. C-56636

**SACRIFICIAL ANODE
 INSTALLATION WITH TEST BOX**

SHEET 2 OF 3

101-12



NOTES:

1. PIPE BONDING GROUND CLAMP TO BE BRONZE BODY WITH COPPER PLATED SCREWS.

INSTALLATION INSTRUCTIONS:

1. CLEAN PIPE THOROUGHLY BEFORE INSTALLING CLAMP.
2. INSTALL CLAMP ON PIPE, AND ATTACH ANODE WIRE TO CLAMP.
3. WRAP ENTIRE CONNECTION ASSEMBLY WITH VINYL ELECTRICAL TAPE, THEN WITH ELECTRICAL PUTTY TAPE.
4. COAT WITH MASTIC.

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CITY OF DAVIS STANDARD PLAN

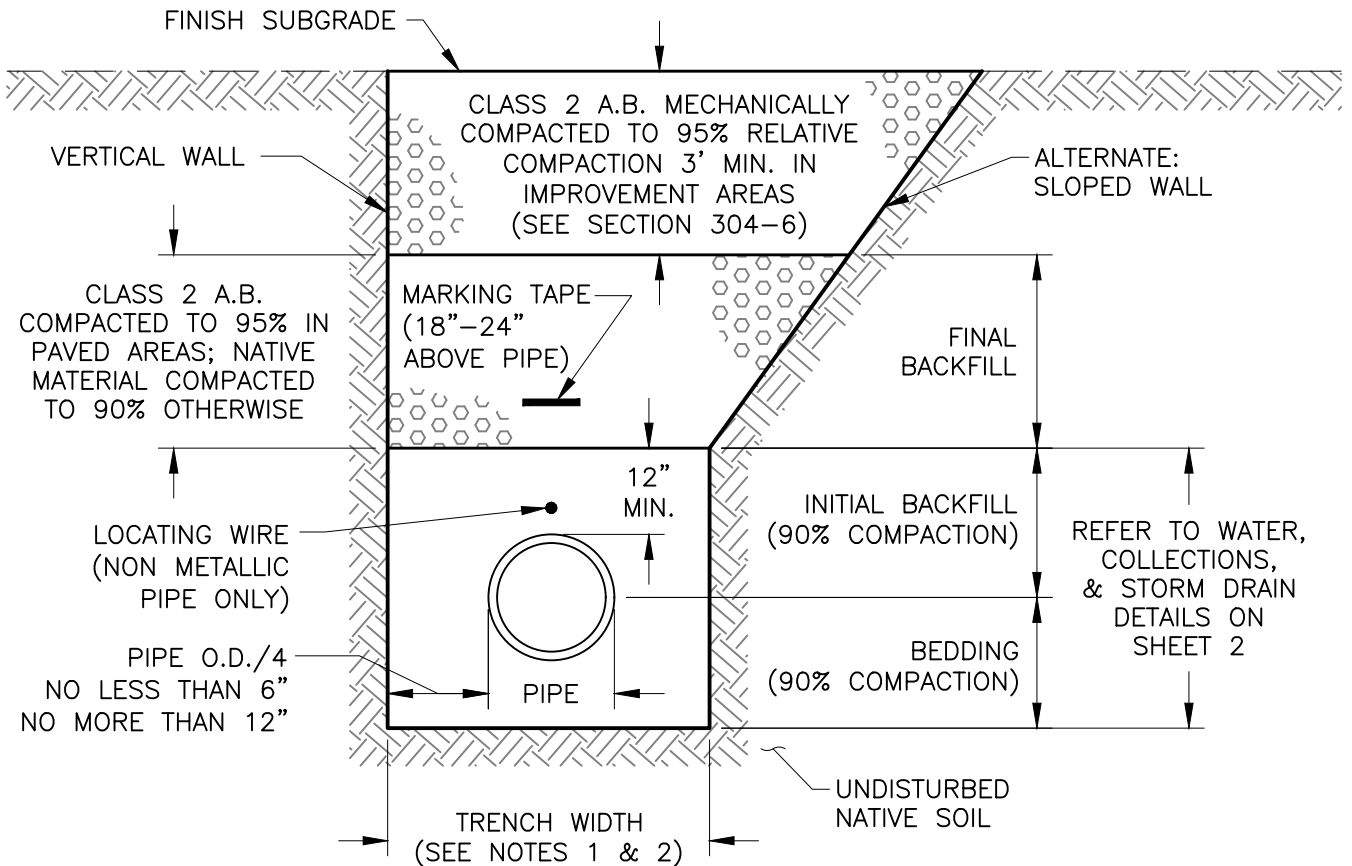
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DIANNA R. JENSEN
P.E. No. C-56636

ANODE WIRE CLAMP

SHEET 3 OF 3

101-12

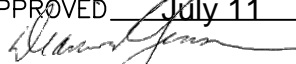


NOTES:

1. TRENCH WIDTH SHALL BE AS NARROW AS PRACTICABLE FROM BOTTOM OF TRENCH TO ONE FOOT ABOVE TOP OF PIPE. ABOVE THIS LEVEL, TRENCH WALLS MAY BE SLOPED IF REQUIRED BY FIELD CONDITIONS.
2. FOR ANY PORTION OF TRENCH THAT EXCEEDS SIX FEET IN WIDTH, BACKFILL SHALL BE CONSIDERED EARTH FILL CONSTRUCTION AND SHALL CONFORM TO SEC. 300-3, "EARTH FILL CONSTRUCTION". SEE DETAIL FOR BACKFILL AND COMPACTION AT UTILITY STRUCTURES (SHEET 8).
3. SEE SECTION 304 THRU 307 AND 309 OF THE SPECIFICATIONS FOR ADDITIONAL INSTALLATION REQUIREMENTS FOR THE TYPE OF UNDERGROUND FACILITY.

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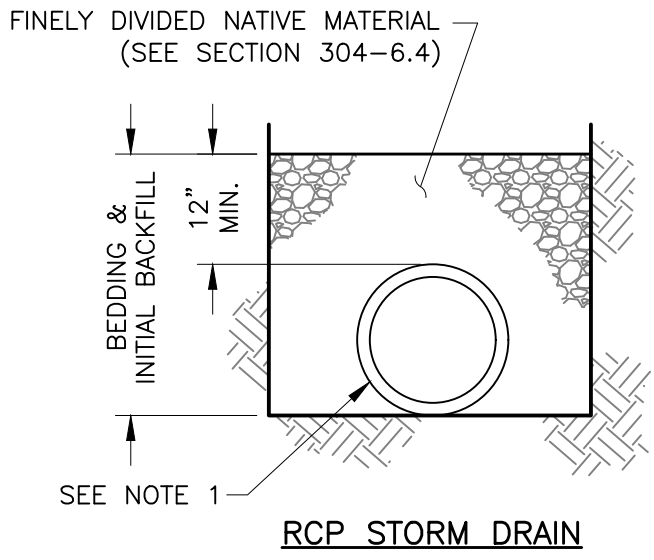
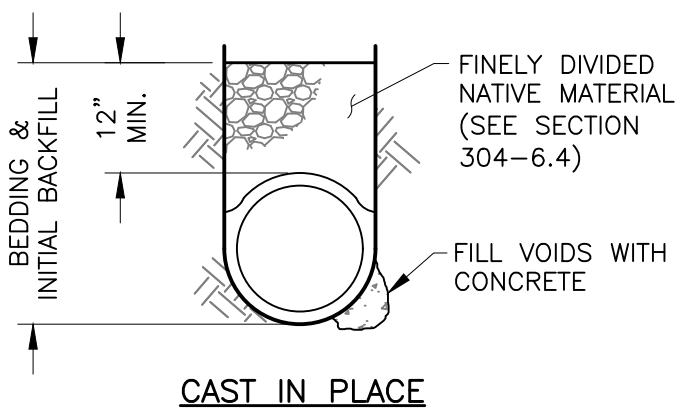
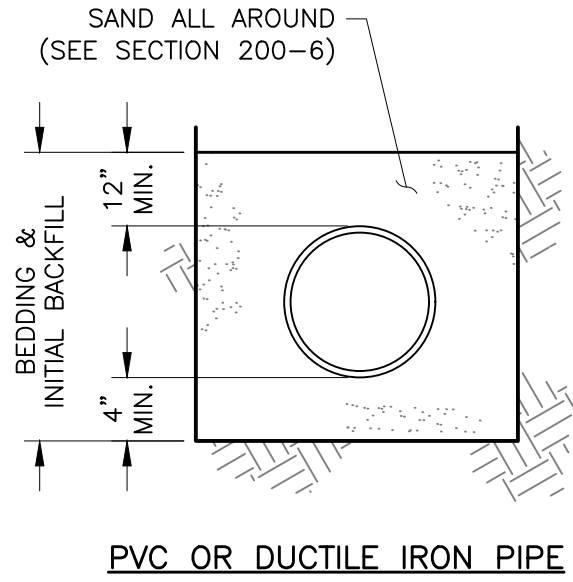
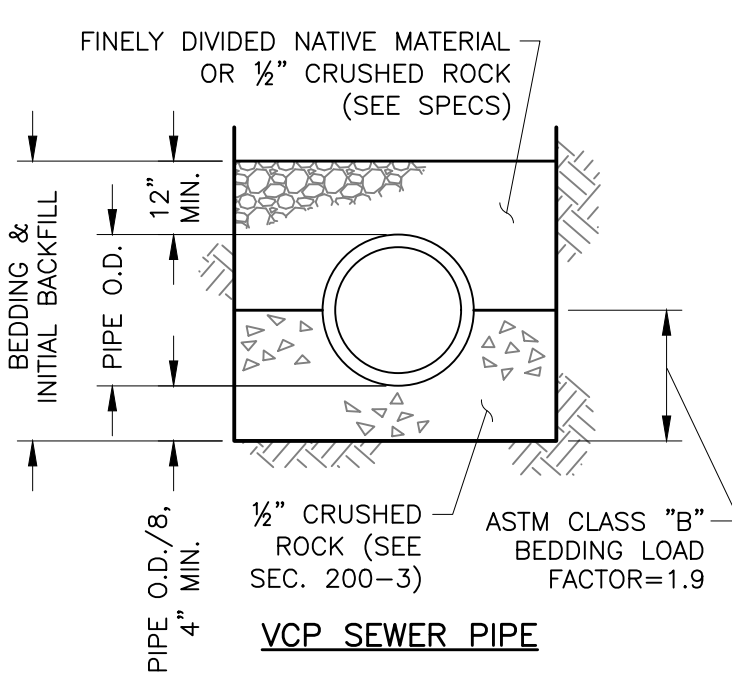
CITY OF DAVIS STANDARD PLAN

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 P.E. No. C-56636

TYPICAL TRENCH DETAILS

SHEET 1 OF 10

201-1

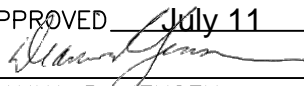


NOTES:

1. PLACE 4" OF SAND OR APPROVED BEDDING MATERIAL WHEN REQUIRED BY THE SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

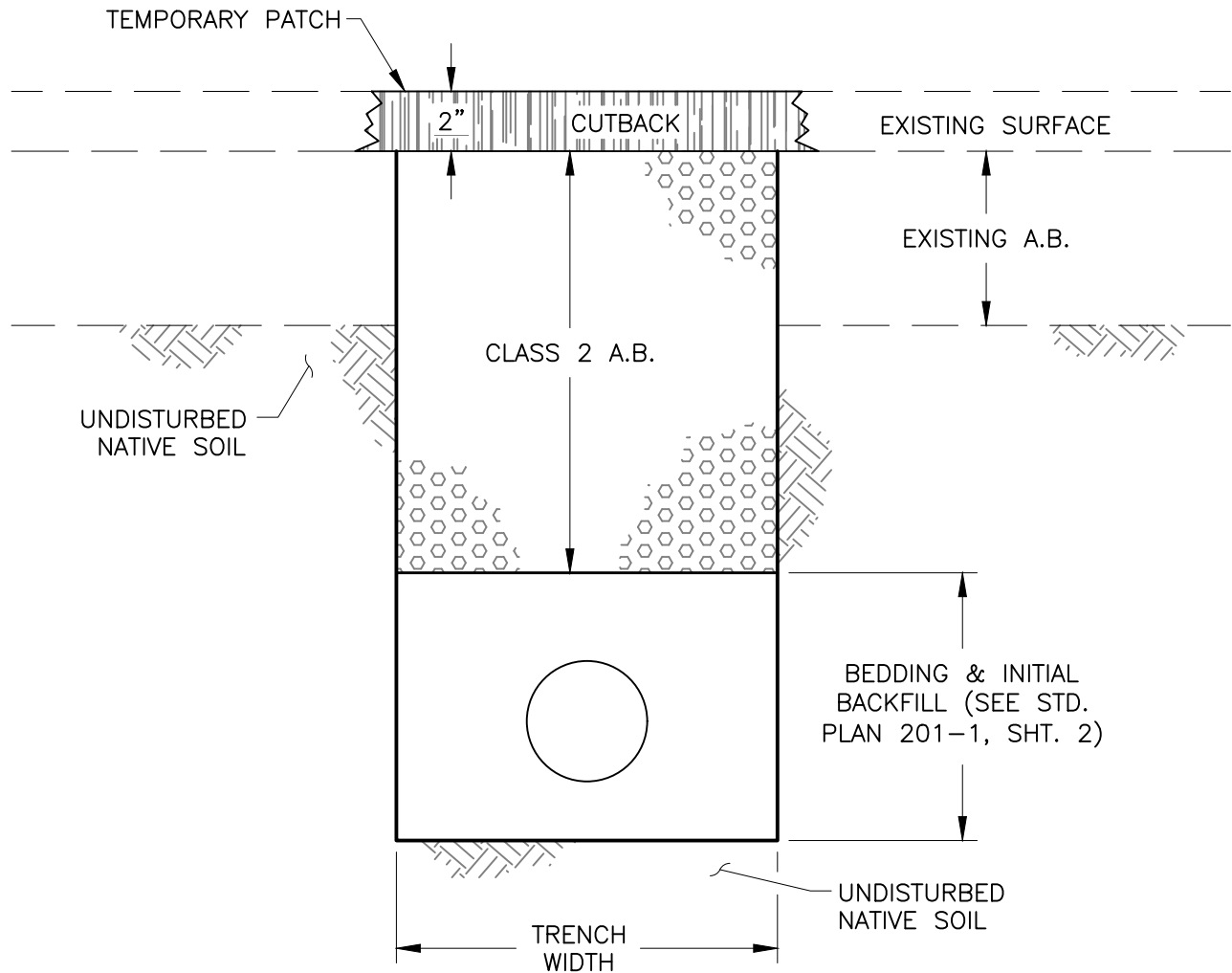
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**TRENCH DETAILS -
 PIPE BEDDING & INITIAL BACKFILL**

SHEET 2 OF 10 201-1

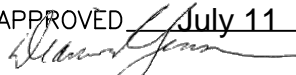


NOTES:

1. COMPACTIVE EFFORTS BY WHEEL ROLLING PERMISSIBLE ON CUTBACK PATCH; HOWEVER, RESULTANT SURFACE MUST PRESENT A SMOOTH, EVEN TEXTURE.
2. THE CONTRACTOR SHALL MAINTAIN THE TEMPORARY CUTBACK PATCH IN PLACE A MINIMUM OF SEVEN DAYS BEFORE PERMANENT PATCH, PER SHEET 4, IS PLACED.
3. THE CUTBACK SHALL BE PLACED IMMEDIATELY AFTER A.B. AND MAINTAINED UNTIL THE FINAL PATCH IS MADE.

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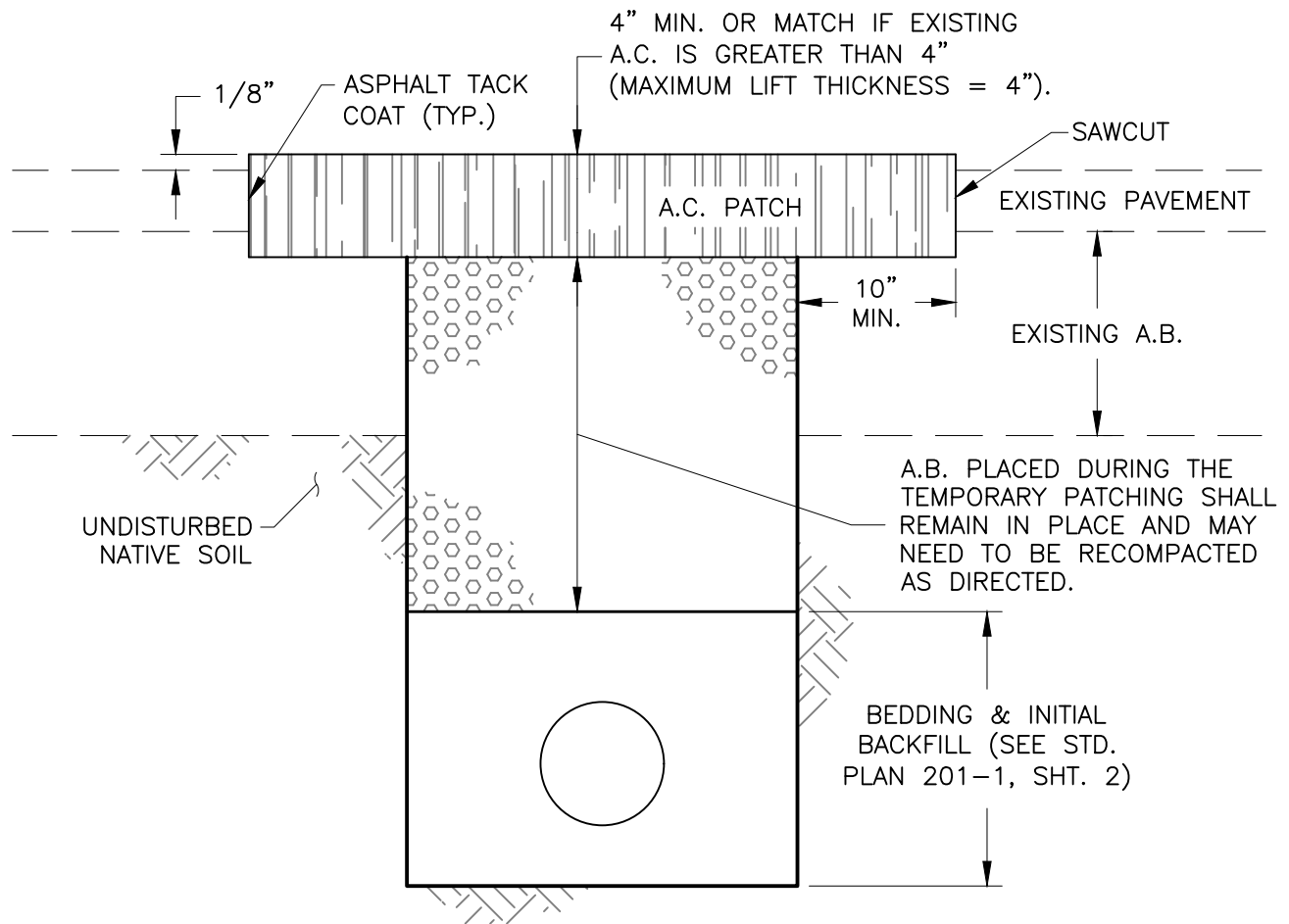
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 P.E. No. C-56636

**TEMPORARY PATCH IN
EXISTING PAVED AREA**

SHEET 3 OF 10

201-1

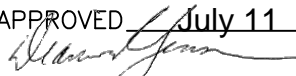


NOTES:

1. AGGREGATE BASE PER CITY OF DAVIS STANDARD SPECIFICATIONS.
2. ASPHALT CONCRETE PER CITY OF DAVIS STANDARD SPECIFICATIONS.
3. A TWO AXLE TANDEM ROLLER SHALL BE USED FOR COMPACTION OF A.C., SEE CITY OF DAVIS STANDARD SPECIFICATIONS.
4. SAW CUT TO BE MADE AFTER TRENCH BACKFILL IS COMPLETED.
5. A.C. PATCH SHALL BE 50% THICKER THEN EXISTING PAVEMENT, NOT TO EXCEED 12".
6. FOR EXIST. A.C. SECTION ≥ 8 " SEE SHEET 6.

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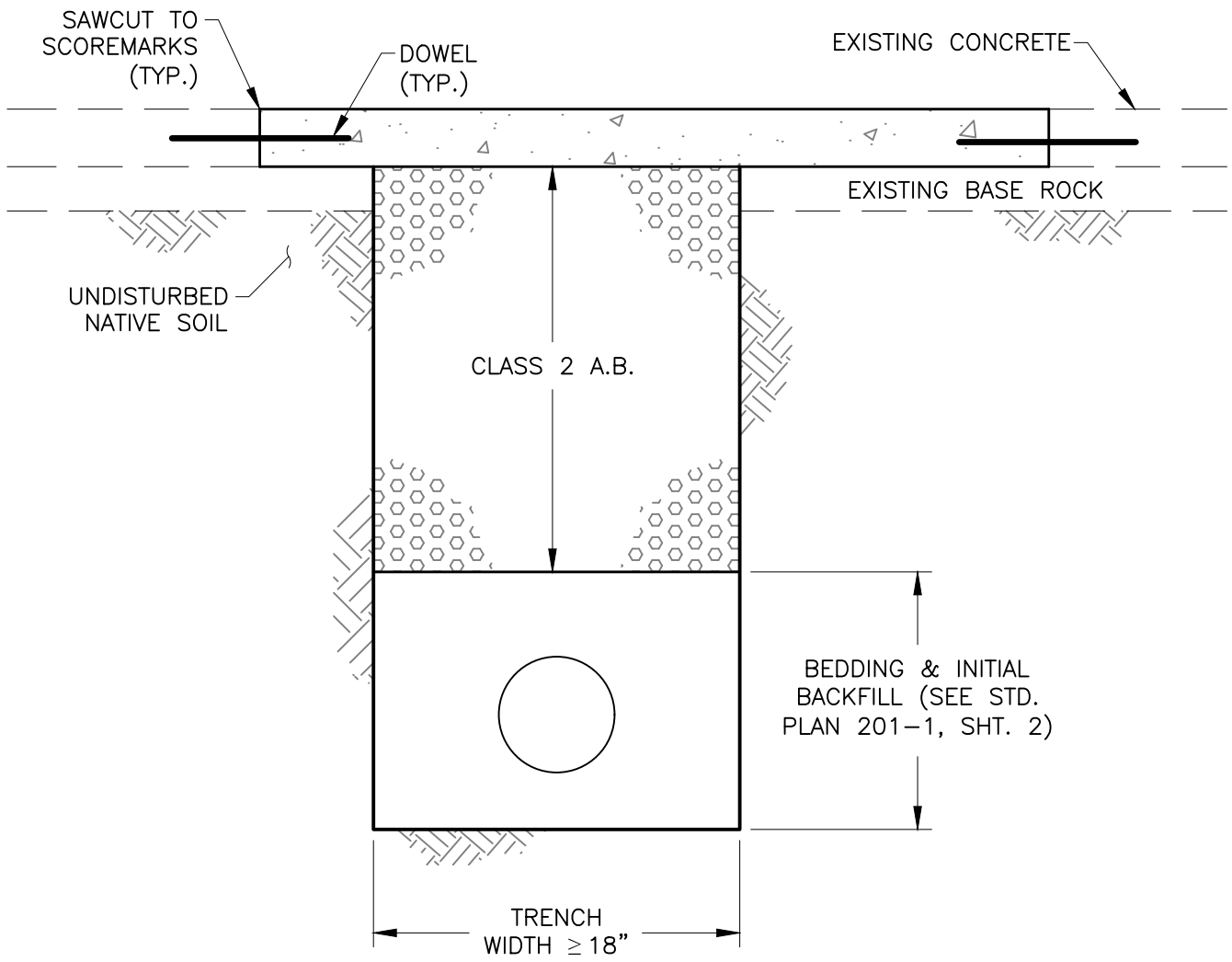
CITY OF DAVIS STANDARD PLAN

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PERMANENT PATCH IN EXISTING PAVED AREA

SHEET 4 OF 10

201-1

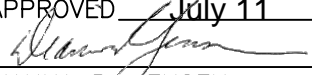


NOTES:

1. FOR TRENCHES TOO NARROW FOR COMPACTING EQUIPMENT, BED WITH SAND AND BACKFILL TO SUBGRADE WITH 2 SACK SLURRY. BASE ROCK SHALL NOT BE PLACED UNTIL BACKFILL IS STABILIZED.
2. DOWEL PER STANDARD PLAN 301-1, SHEET 5.

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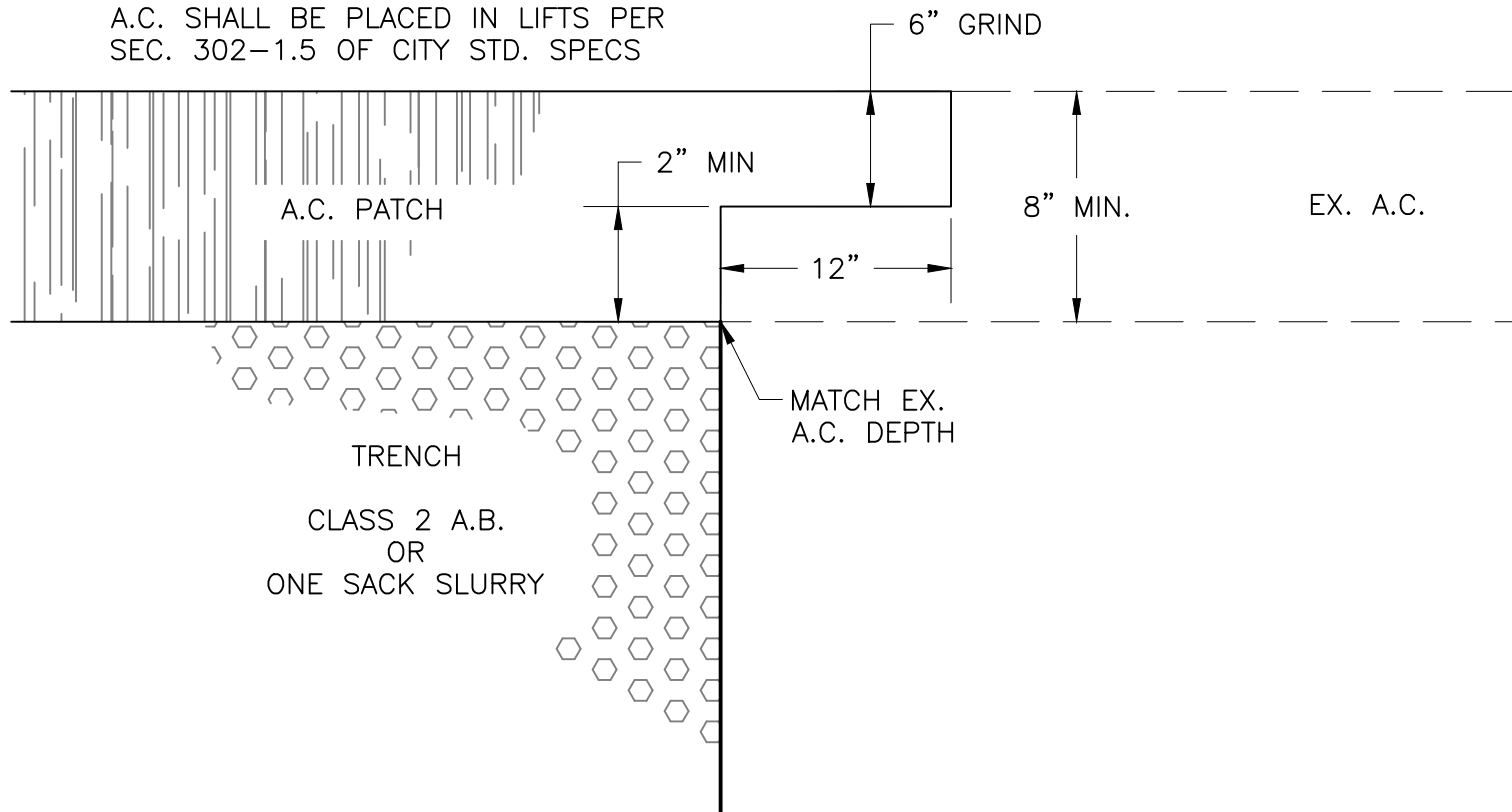
CITY OF DAVIS STANDARD PLAN

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 P.E. No. C-56636

**TRENCH IN EXISTING
CONCRETE PAVED AREA**

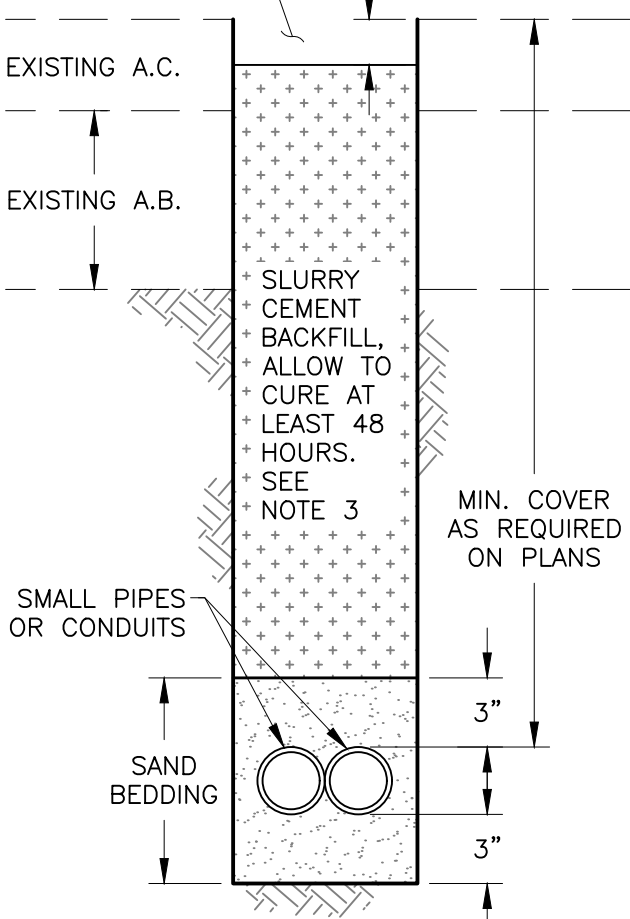
SHEET 5 OF 9 10

A.C. SHALL BE PLACED IN LIFTS PER
SEC. 302-1.5 OF CITY STD. SPECS



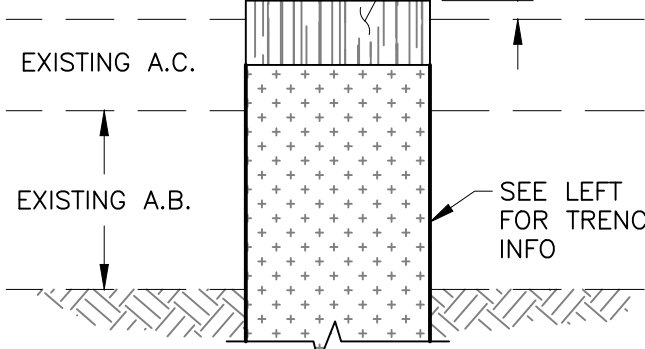
			CITY OF DAVIS STANDARD PLAN	
			DEEP SECTION ($\geq 8"$) 'T' PATCH	
			APPROVED <u>July 11</u> 20 <u>17</u> <i>Dianna R. Jensen</i>	
			DIANNA R. JENSEN P.E. No. C-56636	
Rev.	Description	Date	SHEET <u>6</u> OF <u>10</u>	201-1

SEE RIGHT FOR NEW A.C. PATCH
1" MIN. TO 2" MAX.



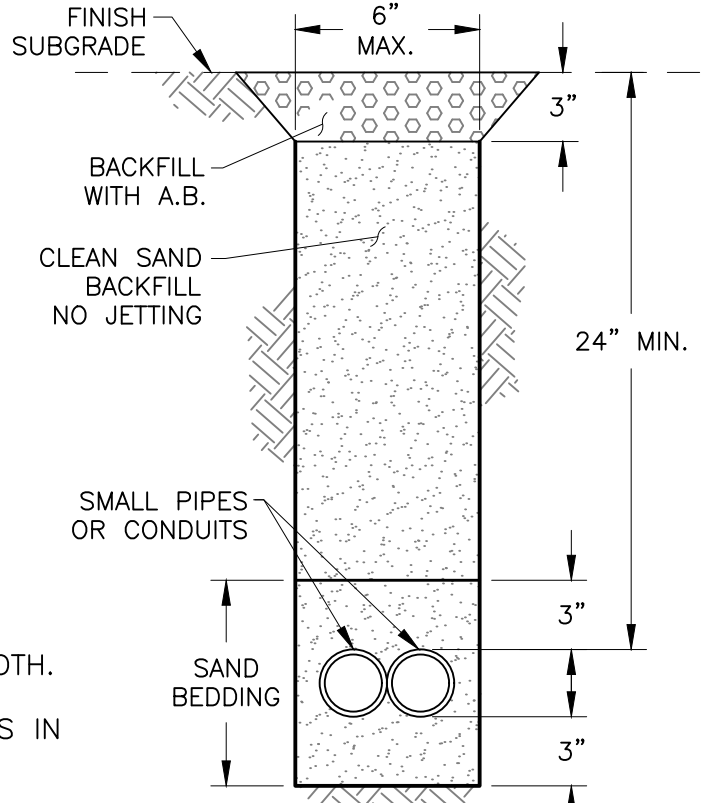
**EXISTING STREET
EXCAVATION & BACKFILL**

NEW A.C. PATCH, PRIME COAT ALL SURFACES
1/8"



A.C. TYPE A, 1/4" MAX., ASPHALT - 5.8% TO 6.2%

**PERMANENT PAVEMENT
REPLACEMENT EXISTING STREET**



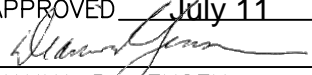
**NEW STREET
(WITHIN RIGHT OF WAY)**

NOTES:

1. THESE REQUIREMENTS APPLY TO ALL TRENCHES NARROWER THAN 6" IN WIDTH.
2. SEE SHEET 7 FOR LANDSCAPED AREAS IN CITY PARKS AND GREENBELTS.
3. SMALL POTHOLE: BACKFILL WITH 2-SACK SLURRY.

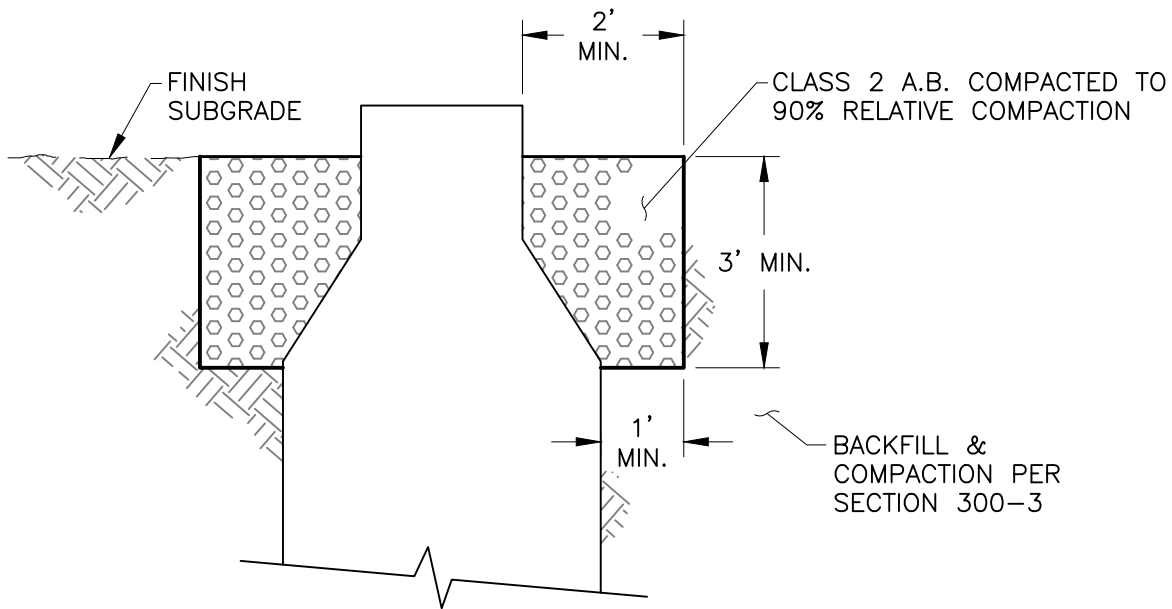
Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

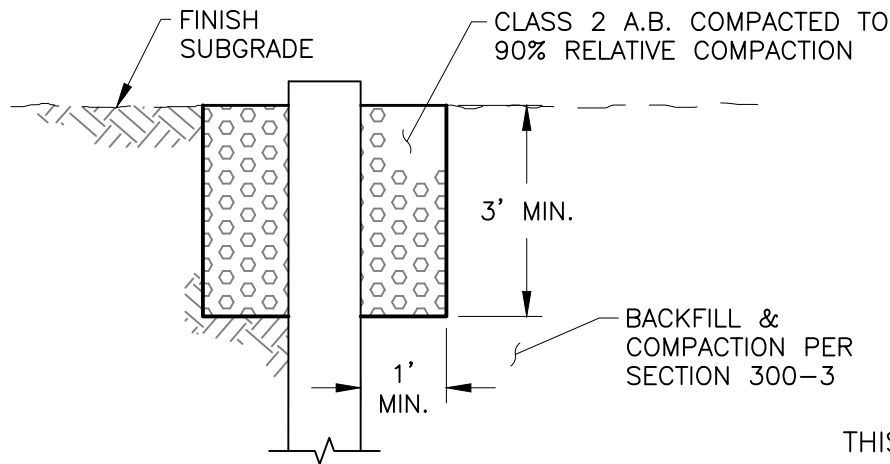
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 P.E. No. C-56636

**TRENCH DETAILS -
NARROW TRENCH**

SHEET 7 OF 10 201-1



MAINTENANCE HOLE BACKFILL & COMPACTION

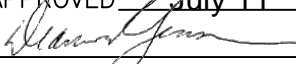


VALVE RISER BACKFILL & COMPACTION

THIS DETAIL APPLIES WHEN THE TRENCH IS WIDE ENOUGH ($\geq 6'$) TO BE BACKFILLED PER SECTION 300-3 "EARTH FILL CONSTRUCTION" OF THE STANDARD SPECS.

Rev.	Description	Date	Rev.	Description	Date

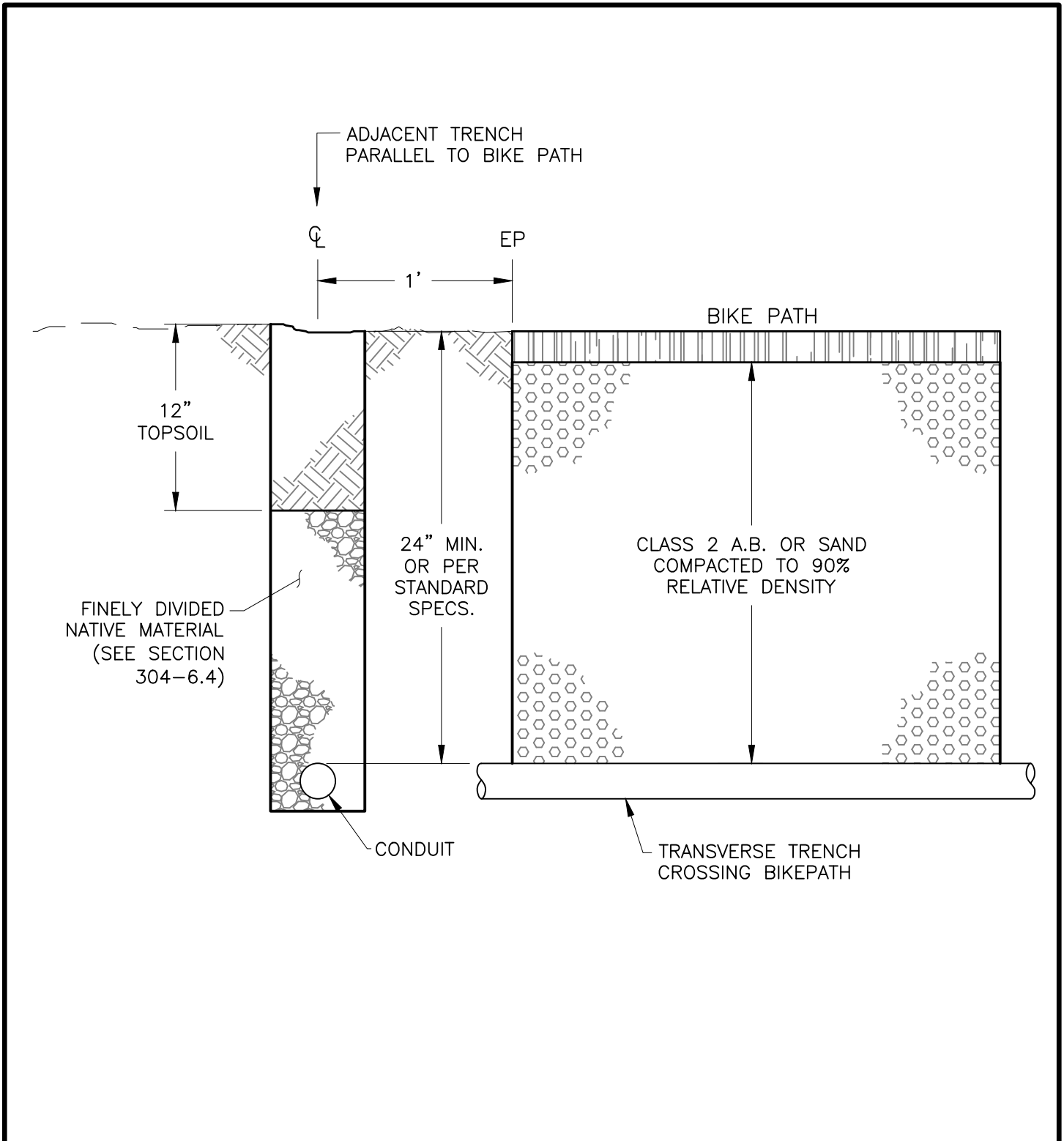
CITY OF DAVIS STANDARD PLAN

APPROVED July 11 2017

 DIANNA R. JENSEN
 P.E. No. C-56636

**BACKFILL & COMPACTION
AT STRUCTURES**

SHEET 8 OF 10

201-1



Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

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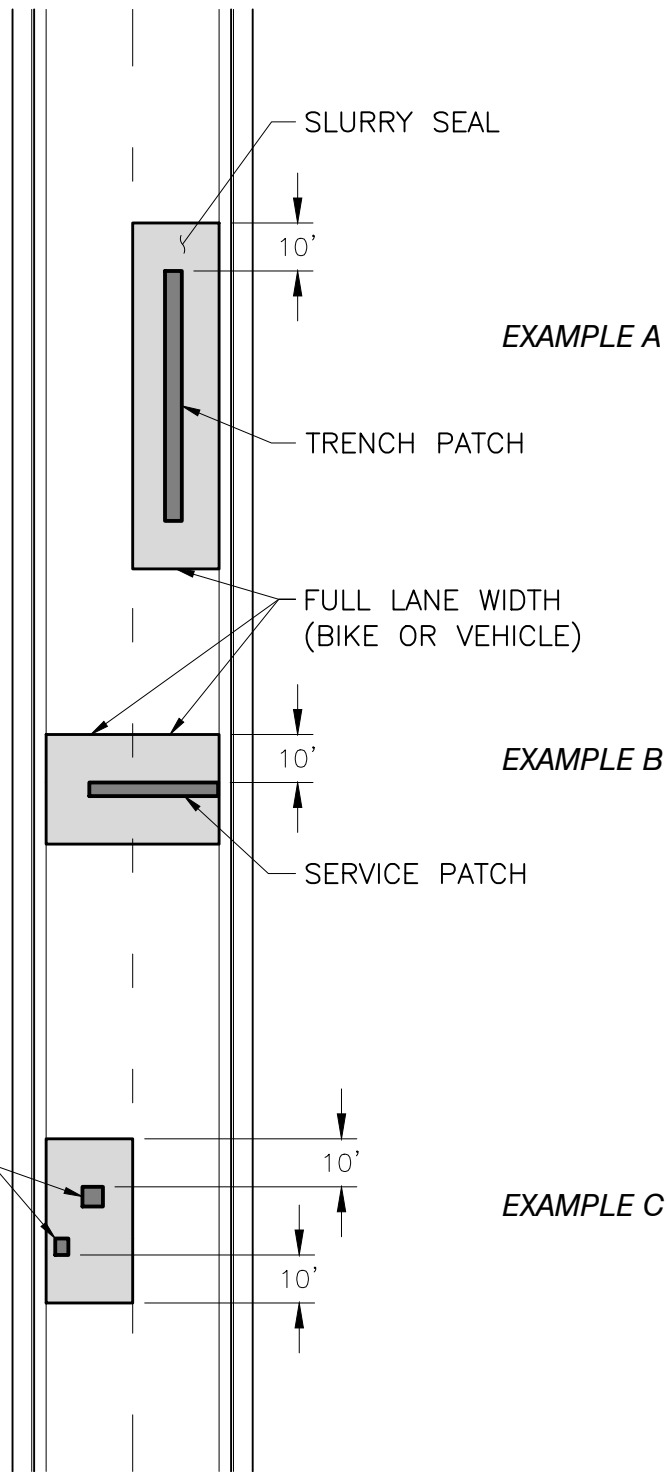
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**CITY LANDSCAPE AREAS
LIGHTING TRENCH DETAILS**

SHEET 9 OF 10

201-1

WHERE REQUIRED
 SLURRY SEAL SHALL
 EXTEND FROM 10 FT
 BEFORE THE FIRST
 PATCH AND EXTEND
 TO 10 FT BEYOND
 THE LAST PATCH
 AND BE THE FULL
 LANE WIDTH OF ANY
 LANE THAT IS
 PATCHED. THE
 SLURRY SEAL SHALL
 EXTEND A MINIMUM
 OF 1 FT BEYOND
 ANY SAWCUT.
 RESTRIPE WHERE
 NECESSARY IN KIND.



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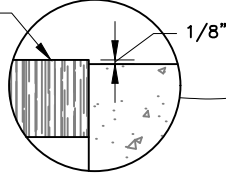
A.C. PATCHES IN ROADWAY

SHEET 10 OF 10

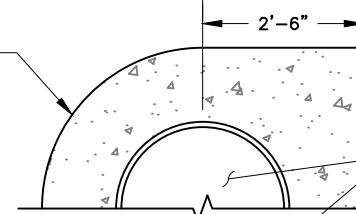
201-1

CONCRETE BLOCK 5'-0" ROUND OR 5'-0" SQUARE. SQUARE SIDES PARALLEL TO OR AT RIGHT ANGLES TO EASEMENT. FORM 3" VERTICAL EDGES AROUND TOP OF SQUARE BLOCK. SQUARE BLOCKS SHALL BE USED ONLY IN EASEMENTS.

ROAD SURFACE (F.G.)

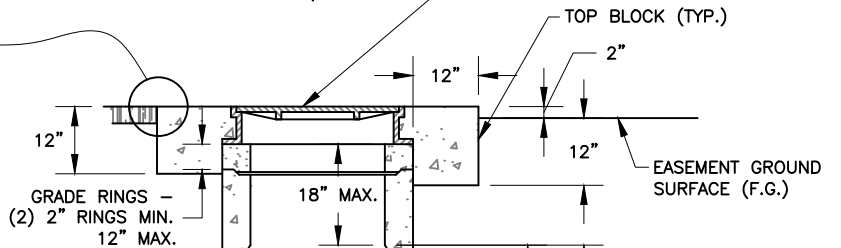


ROADS ← ROUND BLOCK → SQUARE BLOCK → EASEMENTS



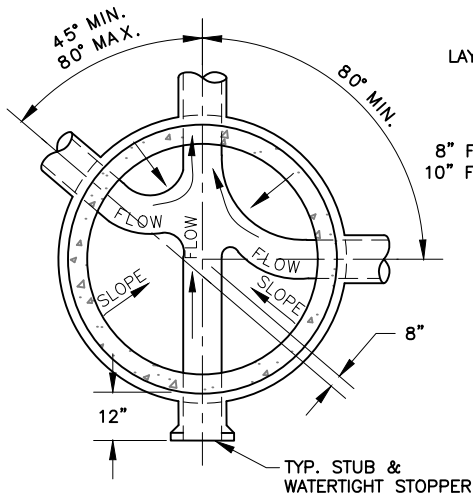
CAST IRON FRAME & COVER (SEE SHEET 5)

CLEAN JOINT AND INSTALL FLEXIBLE JOINT SEALANT PRIOR TO SETTING NEXT BARREL OR CONE SECTION. ALL INTERIOR & EXTERIOR JOINT SPACES SHALL BE FINISHED & SEALED OVER WITH MORTAR.

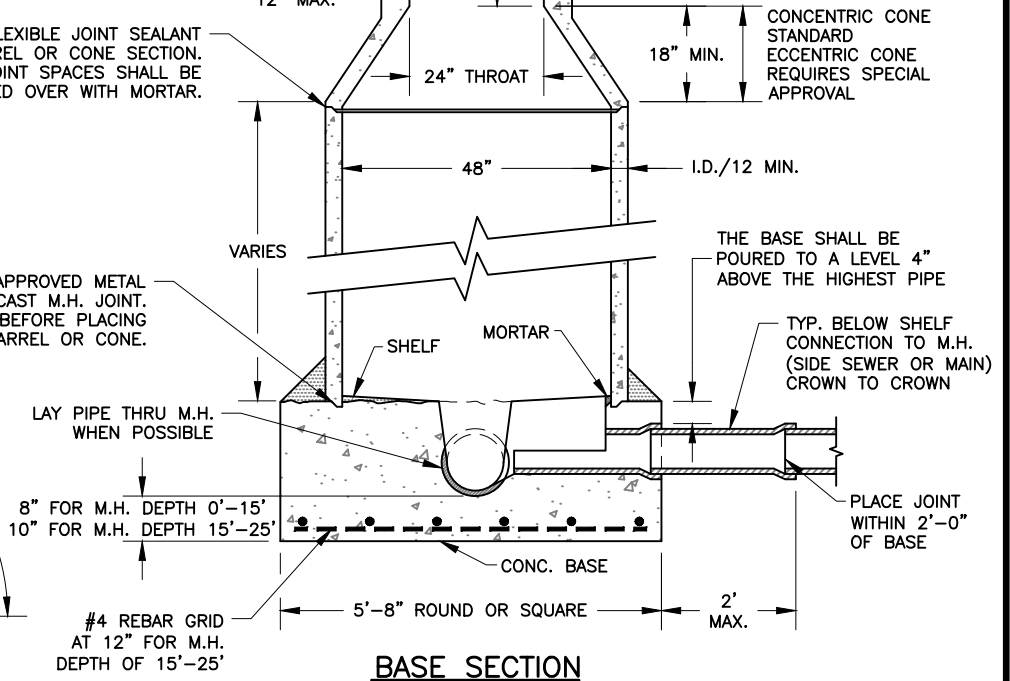


CONCENTRIC CONE STANDARD ECCENTRIC CONE REQUIRES SPECIAL APPROVAL

FORM RECESS IN BASE WITH APPROVED METAL FORMING RING TO RECEIVE PRECAST M.H. JOINT. INSTALL FLEXIBLE JOINT SEALANT BEFORE PLACING FIRST BARREL OR CONE.



MAINTENANCE HOLE SHOWING INTERSECTING SEWERS PLAN



BASE SECTION

NOTES:

1. ALL RISER, CONE, BARREL, GRADE RINGS AND PRECAST BASE SECTIONS SHALL CONFORM TO ASTM C-478.
2. UNUSED CHANNELS IN PRECAST BASES SHALL BE FILLED WITH MORTAR.
3. FOR PIPE DIAMETER GREATER THAN OR EQUAL TO 30" SEE SADDLE BASE DETAIL.
4. USE 6" OF 1/2" CRUSHED ROCK UNDER PRECAST BASES.
5. WHEN THE DISTANCE FROM TOP OF PIPE TO F.G. IS 4' OR LESS, THEN A FLAT TOP M.H. SHALL BE USED.

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CITY OF DAVIS STANDARD PLAN

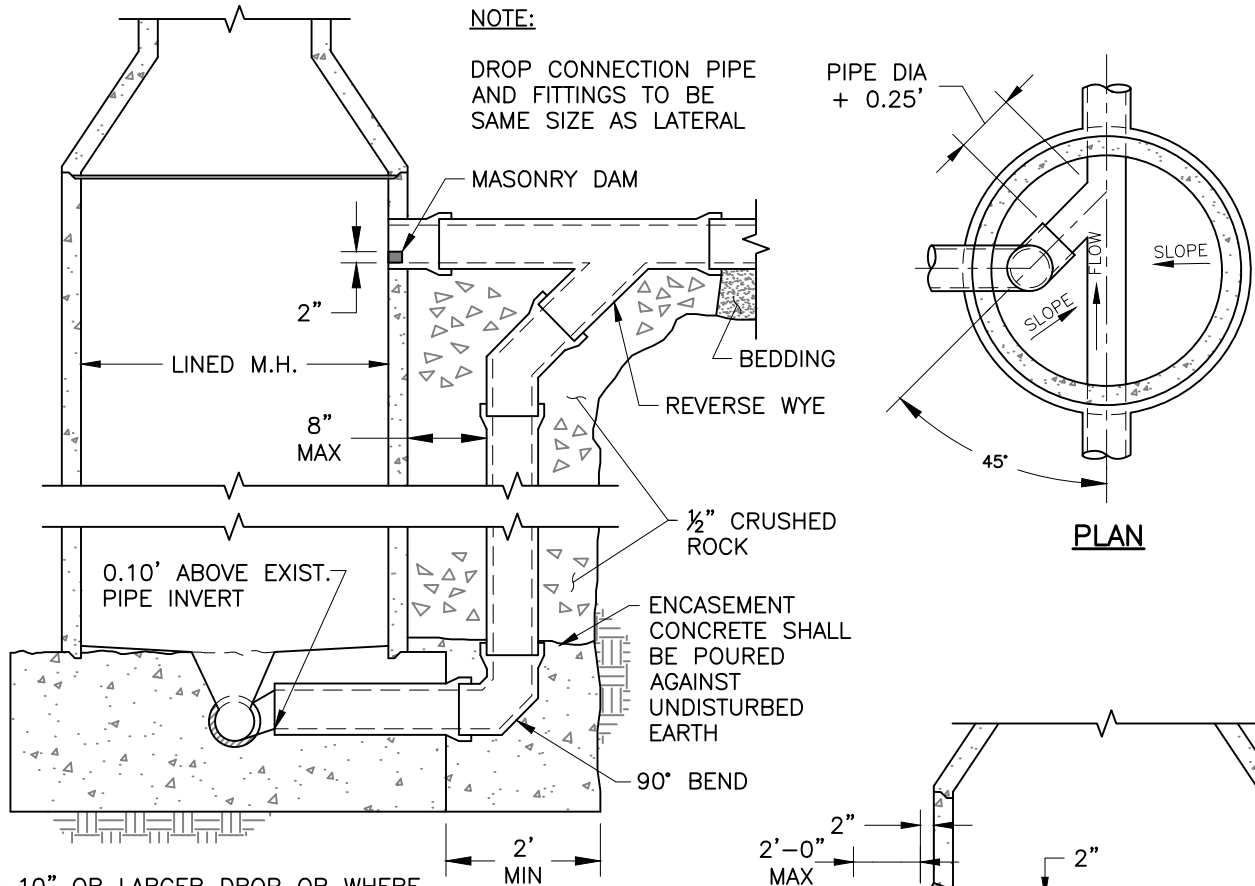
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MAINTENANCE HOLE DETAILS - BASE AND PLAN

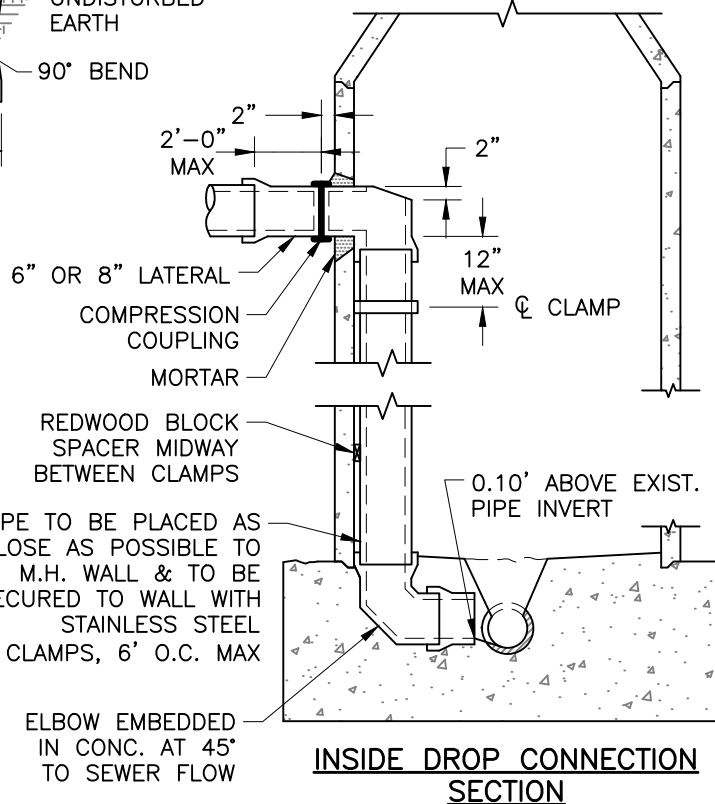
SHEET 1 OF 5

201-2



FOR 10" OR LARGER DROP OR WHERE SPECIFICALLY INDICATED ON THE DRAWINGS

OUTSIDE DROP CONNECTIONS SECTION



NOTES:

1. ALL INSIDE DROP PIPING TO BE P.V.C. OR MOD. STYRENE.
2. CEMENT ALL JOINTS.
3. DROP CONNECTION PIPE AND FITTINGS TO BE SAME SIZE AS LATERAL.
4. CLAMPS TO BE 1 1/2" WIDE x STD. GA. STAINLESS STEEL, ANCHOR TO M.H. WITH (2) 5/8" STAINLESS STEEL BOLTS AT 6'-0" SPACING MAX.
5. ALL VERTICAL DROP M.H.'S SHALL BE LINED M.H.'S CONFORMING TO SECTION 203-10.2.

Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

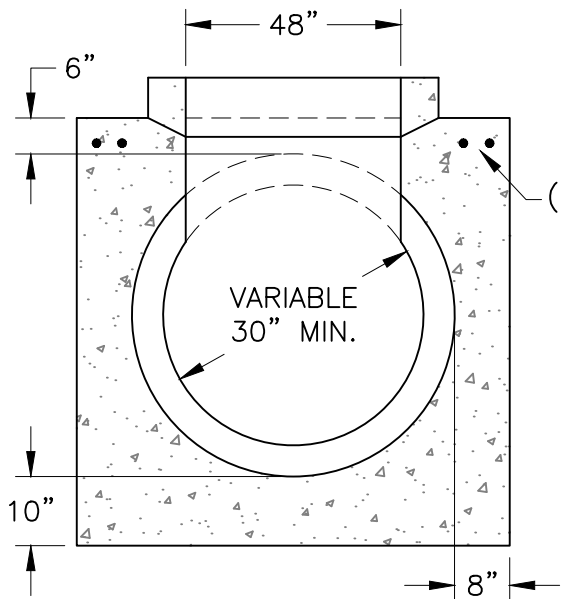
APPROVED July 11 20 17

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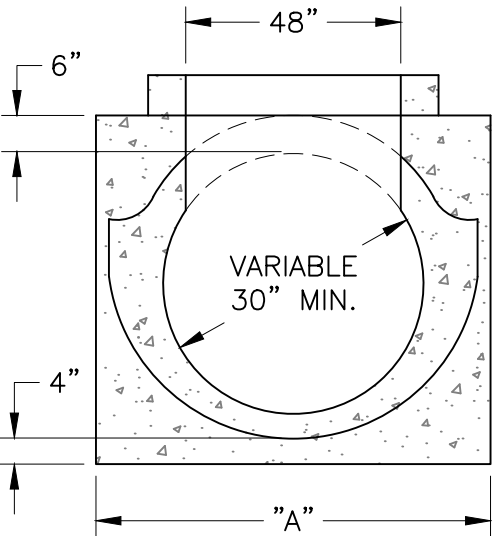
**MAINTENANCE HOLE DETAILS -
 SANITARY SEWER DROP MAINTENANCE HOLE**

SHEET 2 OF 5

201-2



ALTERNATE R.C.P. BASE
FOR DIA. \geq 30"



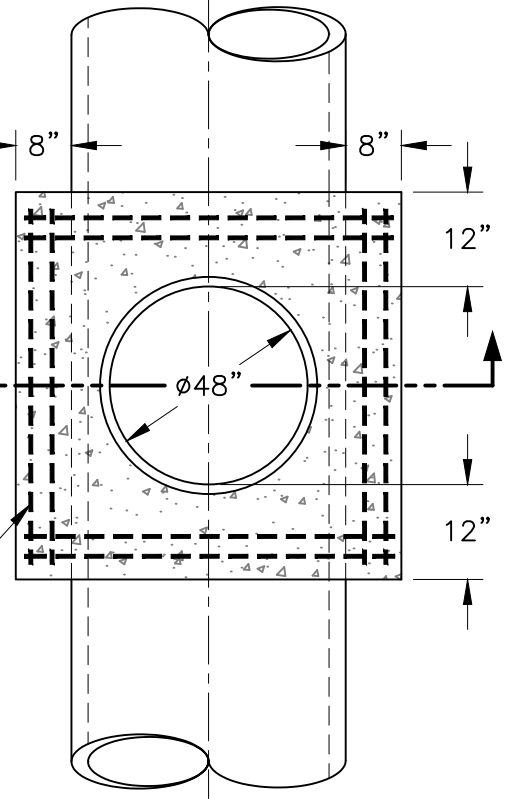
CAST-IN-PLACE PIPE ONLY
(SEE NOTES)

SECTIONS

(2) #5 BARS

SECTION

(2) #5 BARS
EACH SIDE



PLAN

NOTES:

1. REMOVE CONCRETE IN M.H. OPENING AND CONSTRUCT RISER BASE WHILE CONCRETE IS STILL FRESH.
2. PLACE RISER SECTION AFTER CONCRETE HAS SET.
- 3.

PIPE DIA.	30"	36"	42"	48"
"A"	5'-0"	5'-0"	5'-0"	5'-8"
PIPE DIA.	54"	60"	66"	72"
"A"	6'-3"	6'-10"	7'-5"	8'-0"

Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

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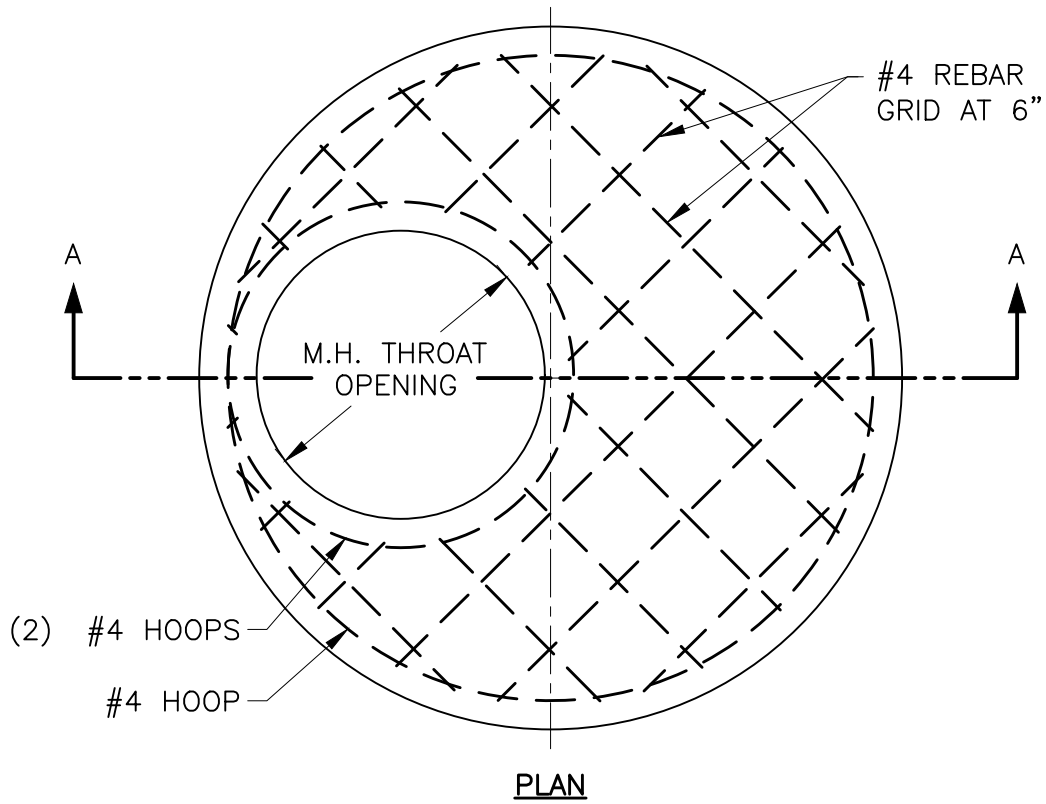
Dianna R. Jensen

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P.E. No. C-56636

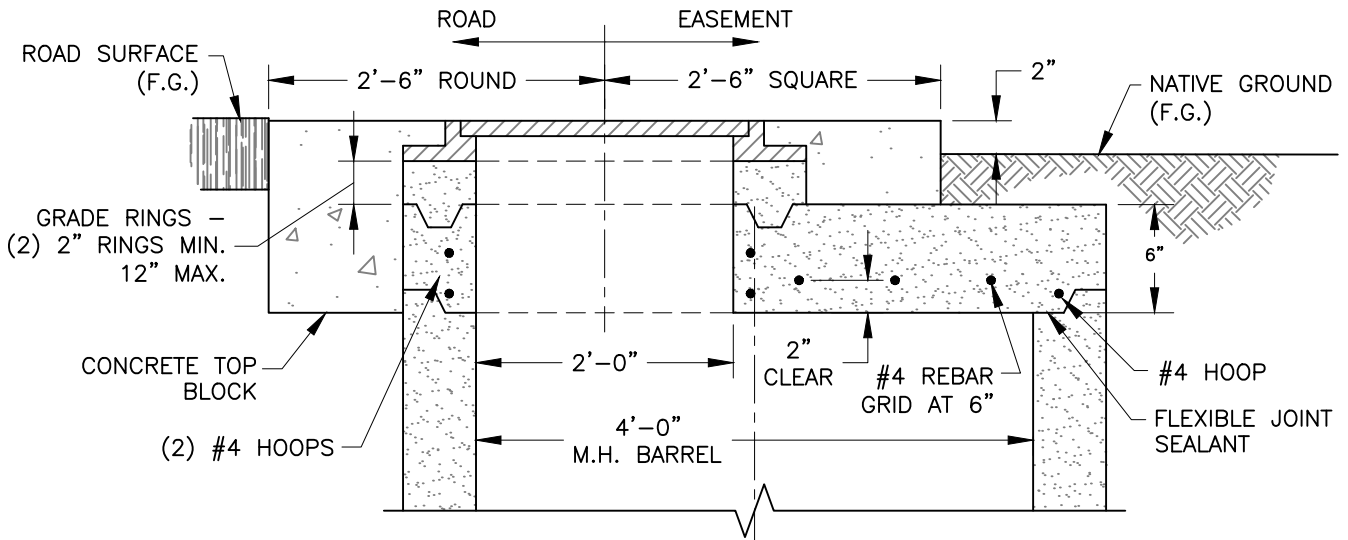
**MAINTENANCE HOLE DETAILS -
SADDLE BASE**

SHEET 3 OF 5

201-2



PLAN



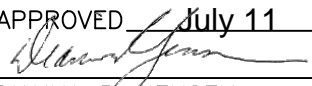
SECTION A-A

NOTES:

- 1. REF: SECTION 203-10.1 FOR ADDITIONAL DESIGN REQUIREMENTS.
- 2. THIS TOP SHALL BE USED WHEN TOP OF PIPE TO F.G. IS 4' OR LESS.

Rev.	Description	Date	Rev.	Description	Date

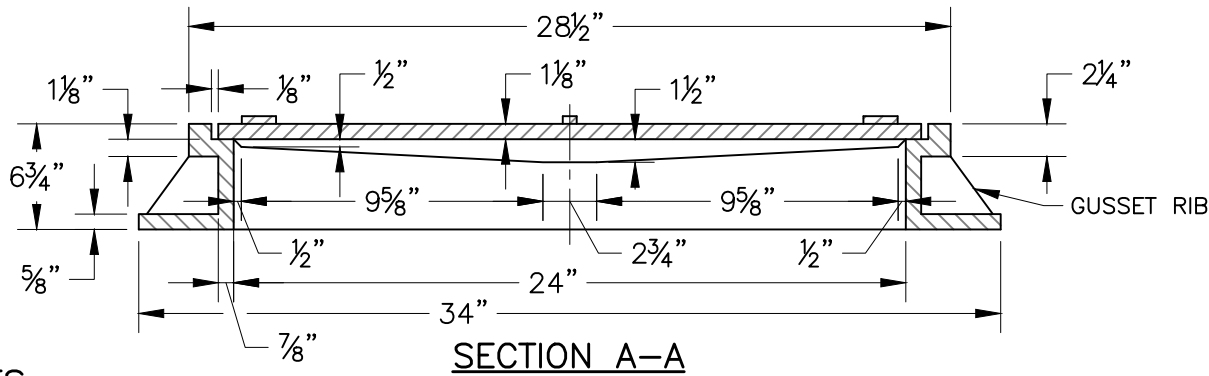
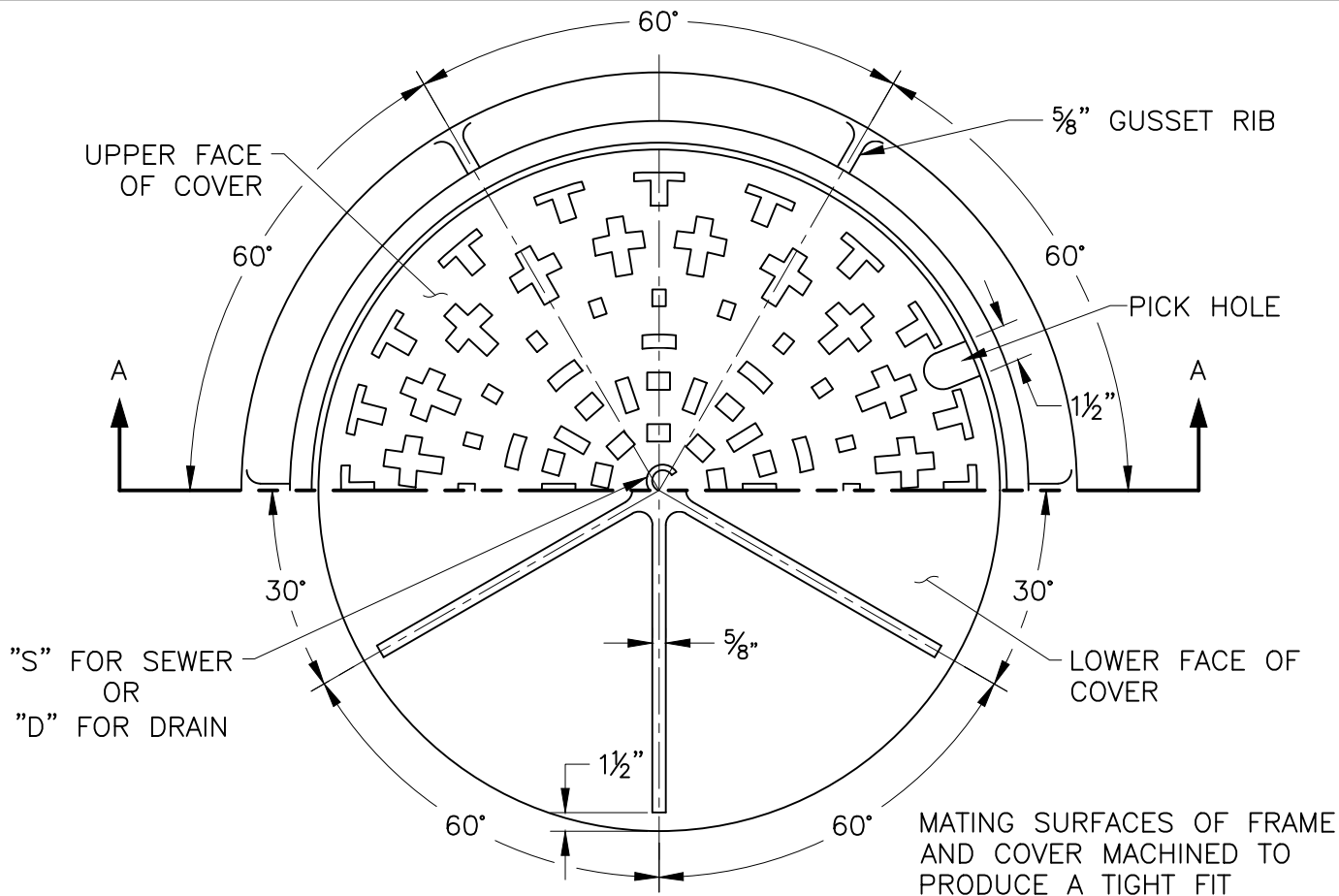
CITY OF DAVIS STANDARD PLAN

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 P.E. No. C-56636

**MAINTENANCE HOLE DETAILS -
 FLAT TOP MAINTENANCE HOLE**

SHEET 4 OF 5

201-2



NOTES:

1. MATERIAL USED IN MANUFACTURE OF CASTINGS SHALL CONFORM TO ASTM A48 LATEST REVISION CLASS 30 IRON.
2. FRAME, APPROX. WT. 210 LBS.
3. COVER, APPROX. WT. 175 LBS.
4. MANUFACTURERS NAME TO BE CAST IN FRAME AND COVER.

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CITY OF DAVIS STANDARD PLAN

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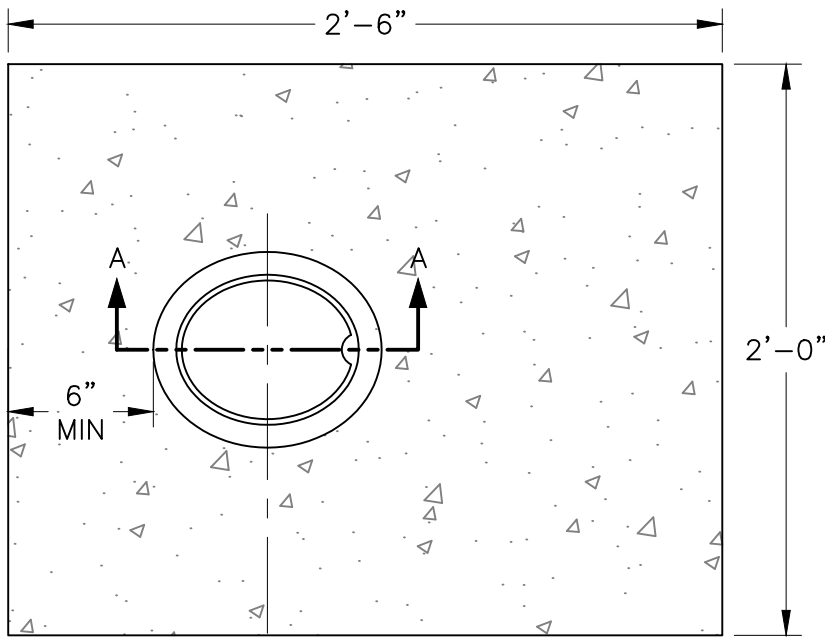
 DIANNA R. JENSEN
 P.E. No. C-56636

**MAINTENANCE HOLE DETAILS -
 FRAME AND COVER**

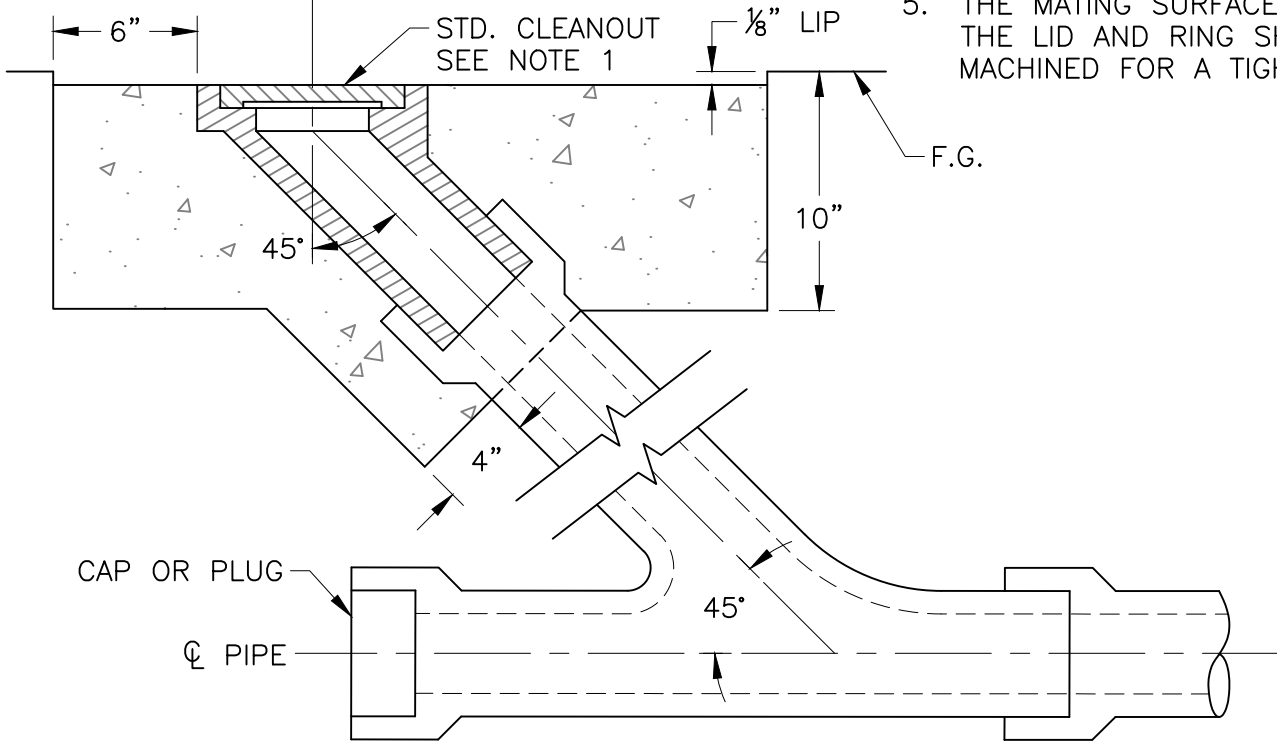
SHEET 5 OF 5 201-2

NOTES:

1. D. AND L. SUPPLY 6" H6520, 8" H65530 FRAME AND COVER OR EQUAL.
2. THE FRAME SHALL BE SET IN CONCRETE 1/8" BELOW THE NEW PAVEMENT. THE CONCRETE SHALL HAVE A MEDIUM BROOM FINISH.
3. REMOVAL OF PAVEMENT FOR THE PRECAST BOX SHALL BE WITH A PNEUMATIC HAMMER, CHISEL TYPE, OR OTHER APPROVED EQUIPMENT.
4. PRIOR TO POUR THE CONTRACTOR SHALL CALL FOR AN INSPECTION.
5. THE MATING SURFACES OF THE LID AND RING SHALL BE MACHINED FOR A TIGHT FIT.



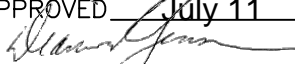
PLAN



SECTION A-A

Rev.	Description	Date	Rev.	Description	Date

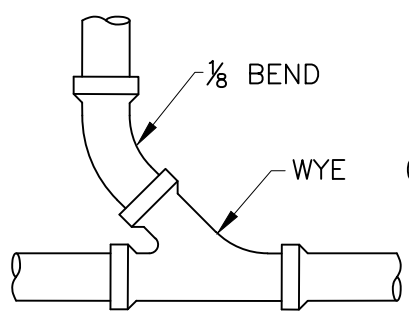
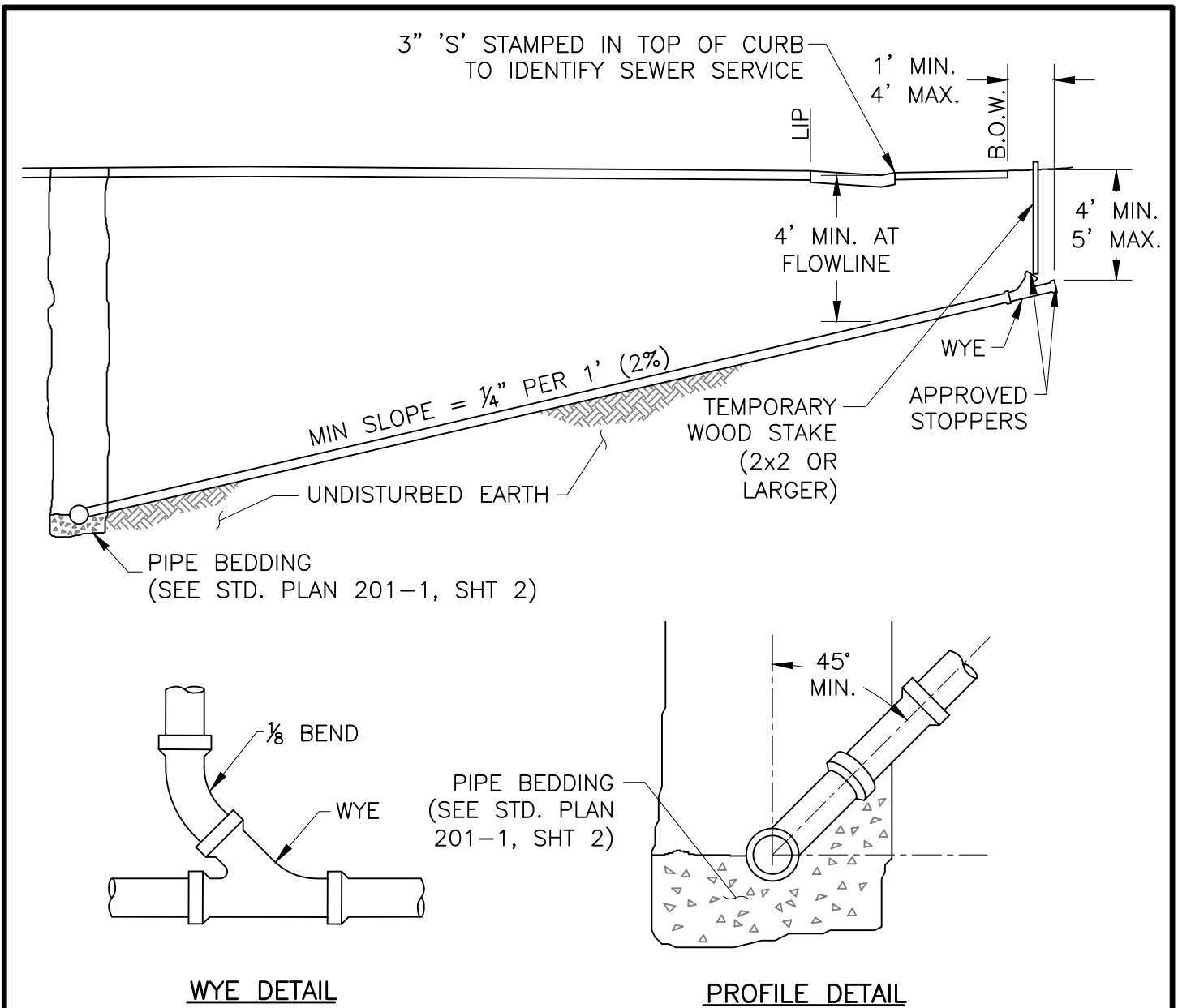
CITY OF DAVIS STANDARD PLAN

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 P.E. No. C-56636

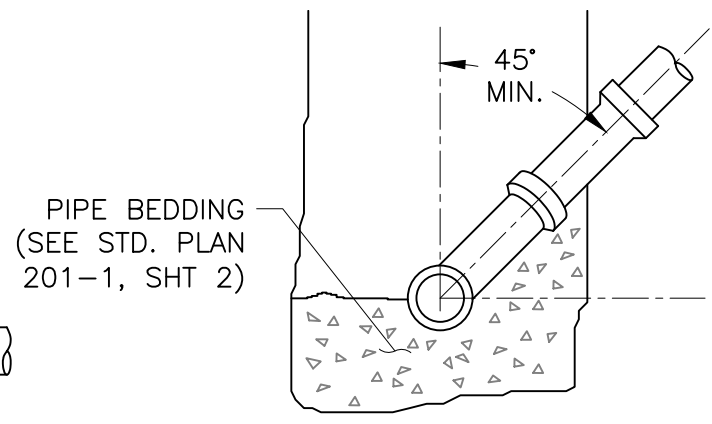
FLUSHER BRANCH AND COVER

SHEET 1 OF 1

201-3



WYE DETAIL



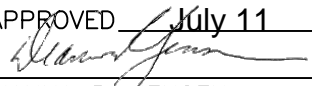
PROFILE DETAIL

NOTES:

1. ALL SERVICES SHALL BE 4" INSIDE DIAMETER VCP OR PVC SDR-26 PIPE ASTM D3034.
2. CONTRACTOR SHALL USE THE MOST APPROPRIATE TYPE OF CONNECTION (ALTERNATES ON SHEET 2) FOR THE PARTICULAR SITUATION.
3. SEE STANDARD PLAN 201-6 FOR REQUIRED CLEANOUTS AND BOXES.

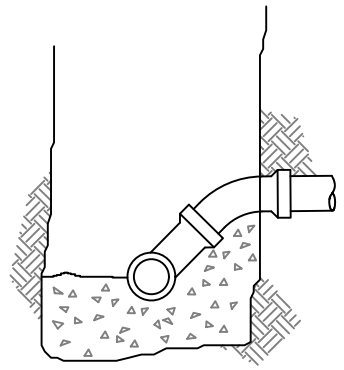
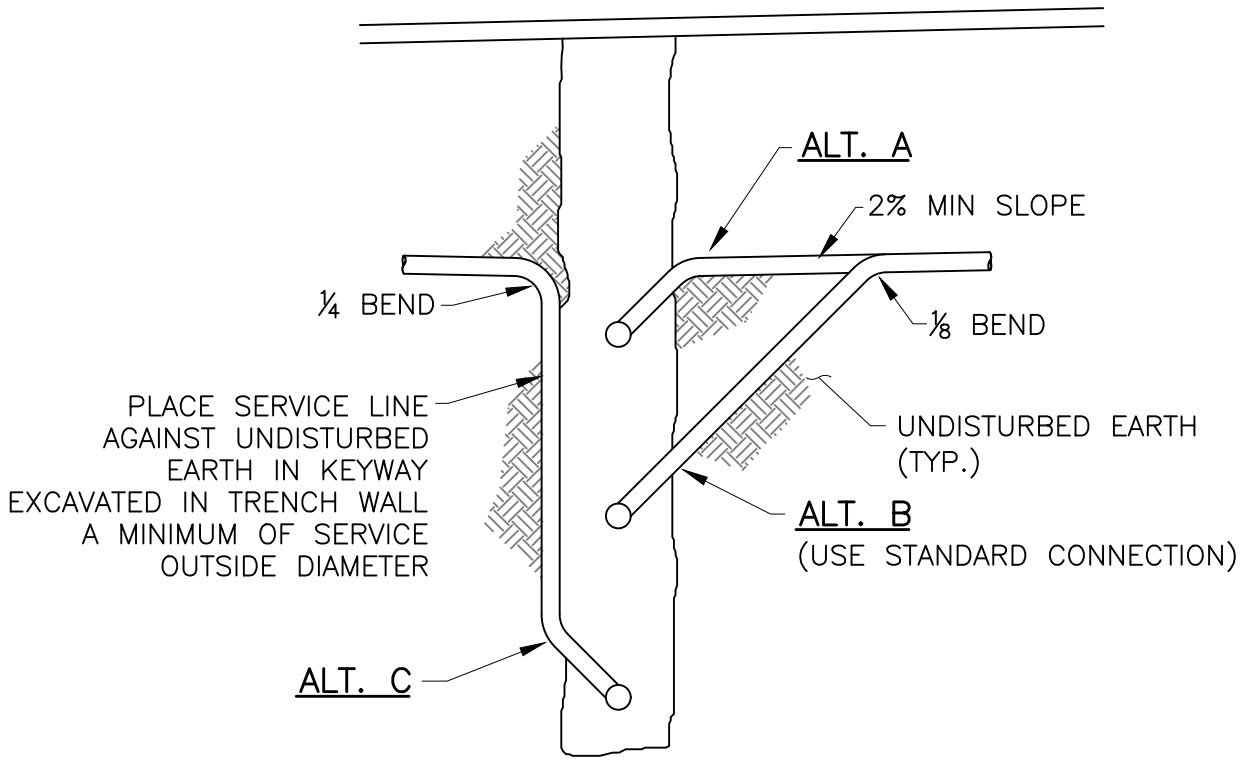
Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

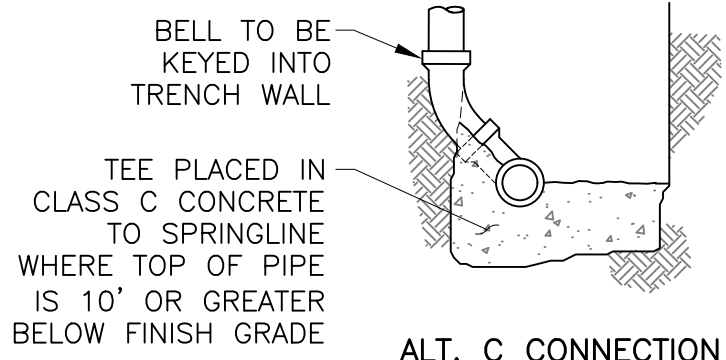
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 P.E. No. C-56636

SEWER SERVICE CONNECTION

SHEET 1 OF 2 201-4



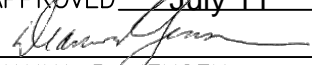
ALT. A CONNECTION



ALT. C CONNECTION

Rev.	Description	Date	Rev.	Description	Date

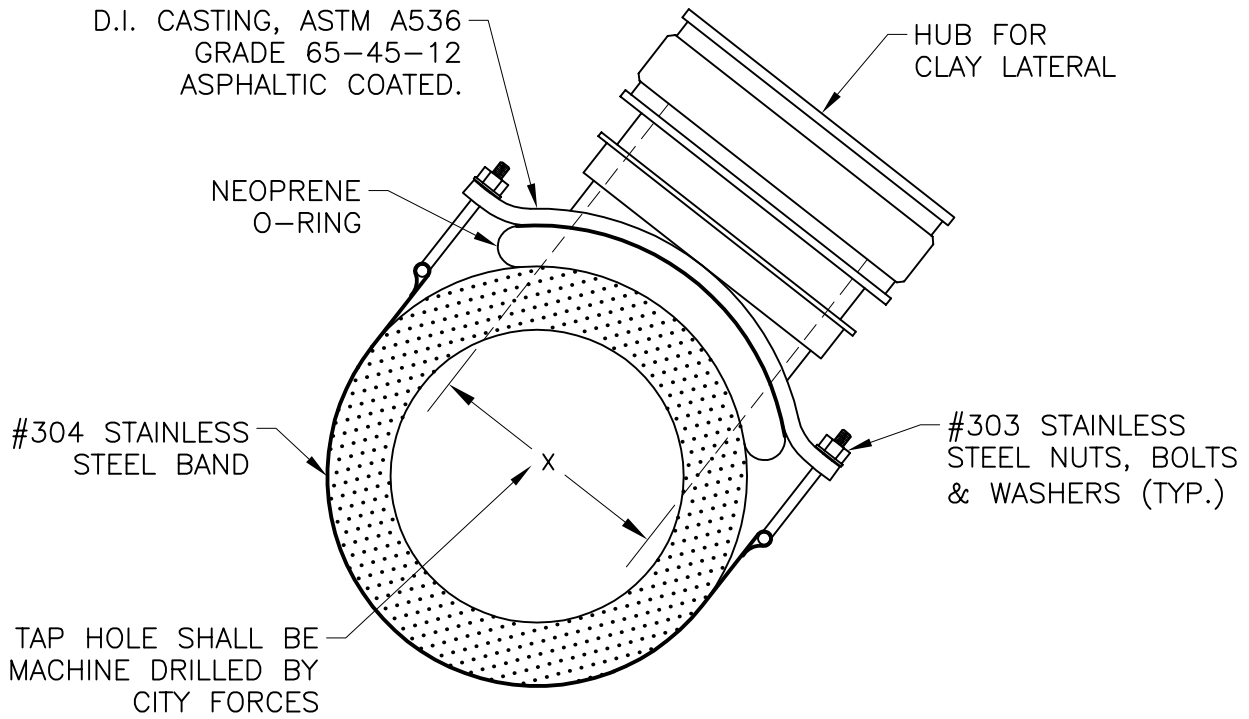
CITY OF DAVIS STANDARD PLAN

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 P.E. No. C-56636

SEWER SERVICE CONNECTION

SHEET 2 OF 2

201-4



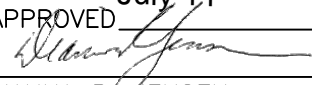
STRAP-ON TYPE

NOTES:

1. FOR USE ON EXISTING CITY SEWER MAINS ONLY, NOT TO BE USED IN NEW SYSTEMS.
2. THE TAP SHALL BE PERFORMED BY CITY FORCES. ALL PREPARATIONS, EXCAVATIONS, SHORING, AND BACKFILL SHALL BE PERFORMED BY THE CONTRACTOR.
3. NO TAP SHALL BE ALLOWED INTO EXISTING SEWER LESS THAN 6" DIA.
4. SEE STD. PLAN 201-4 FOR ADDITIONAL DETAILS.
5. APPROVED MANUFACTURER: FERNCO, TAP SADDLE OR APPROVED EQUAL.

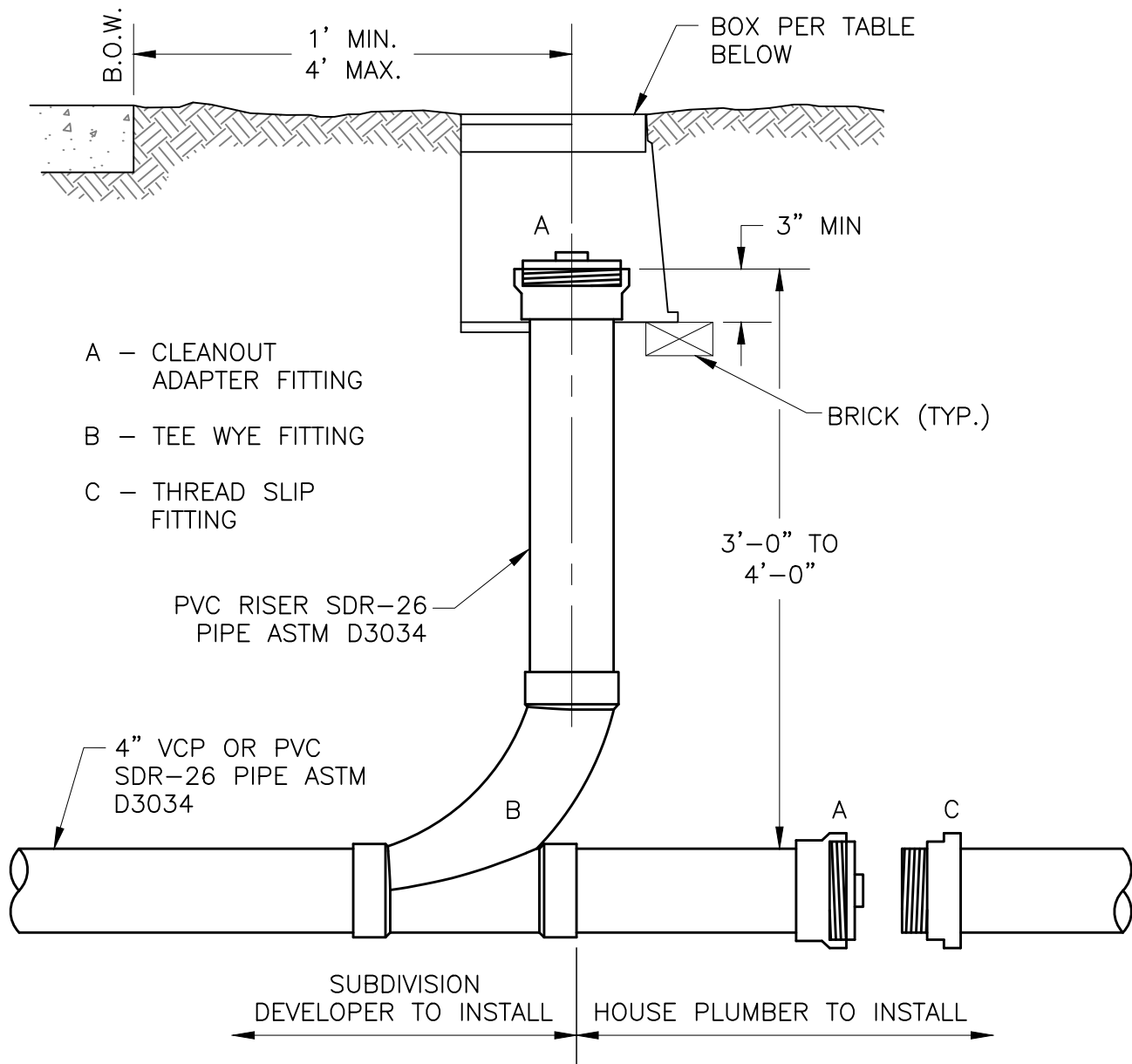
Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

APPROVED July 11 2017

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 P.E. No. C-56636

SEWER LINE TAPS

SHEET 1 OF 1 201-5



APPLICATION	BOX MODEL (OR APPROVED EQUAL)	LID
4" SERVICE IN LANDSCAPING	CARSON 910-10 GREEN SEWER BOX	910-3B FLUSH-PENT HEAD
4" SERVICE IN HARDSCAPE	CHRISTY G-5	G5C-"SEWER"
6" SERVICE	CHRISTY G-8	G8C-"SEWER"
LARGE SERVICE	MAINTENANCE HOLE INSTEAD OF CLEANOUT	

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CITY OF DAVIS STANDARD PLAN

APPROVED July 11 20 17

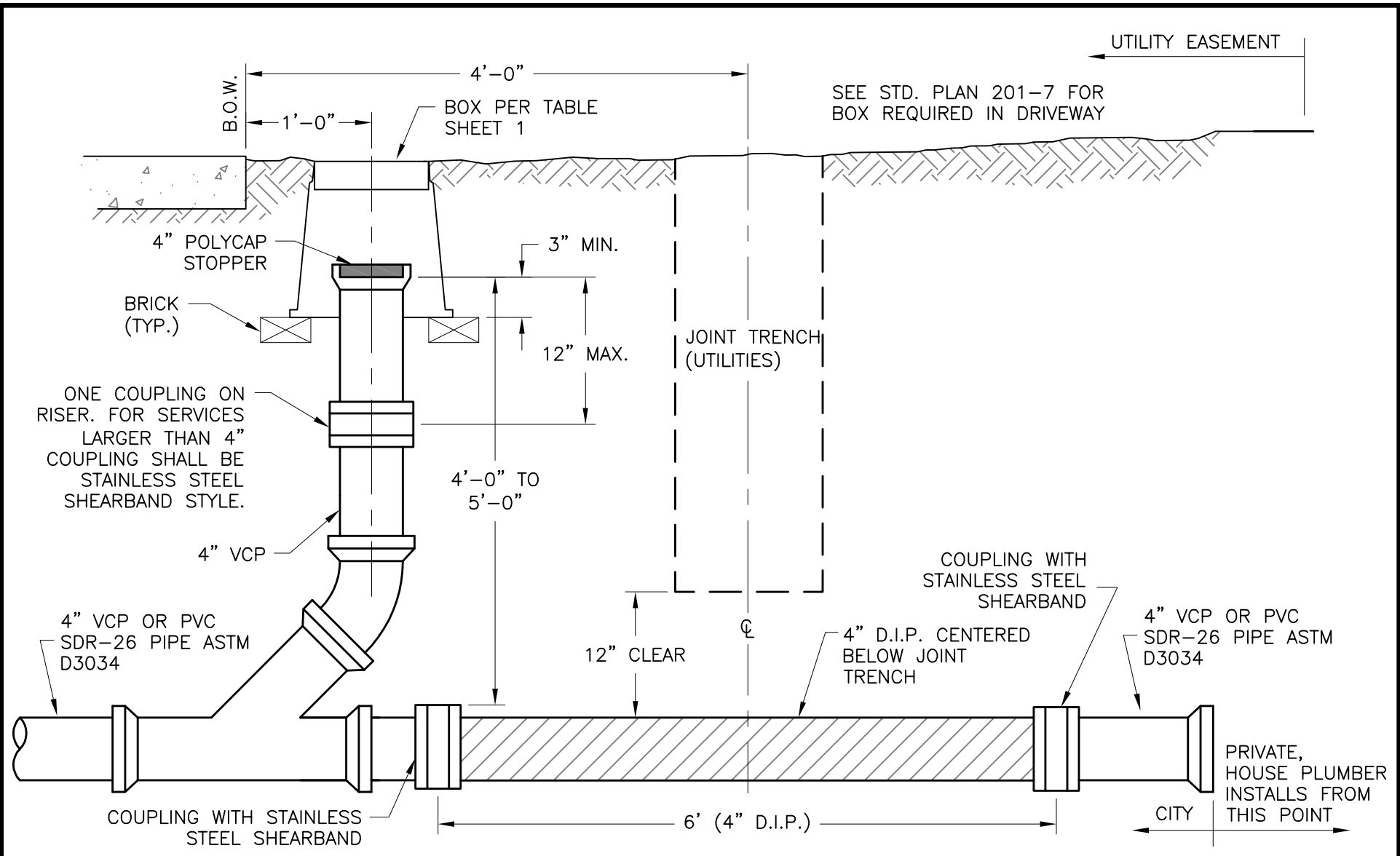
Dianna R. Jensen

DIANNA R. JENSEN
P.E. No. C-56636

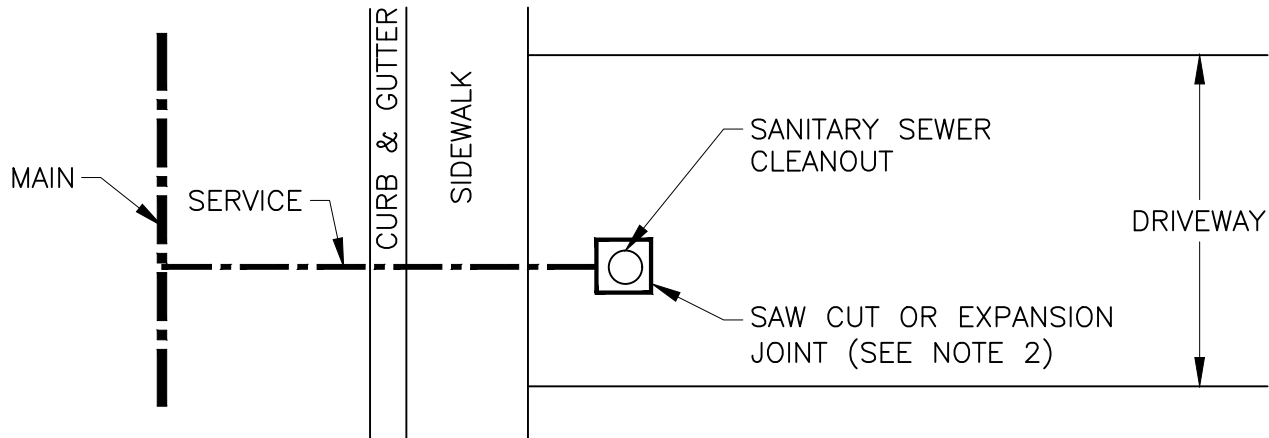
SANITARY SEWER SERVICE
WHEN USING PVC RISER (IN LANDSCAPE AREA)

SHEET 1 OF 2

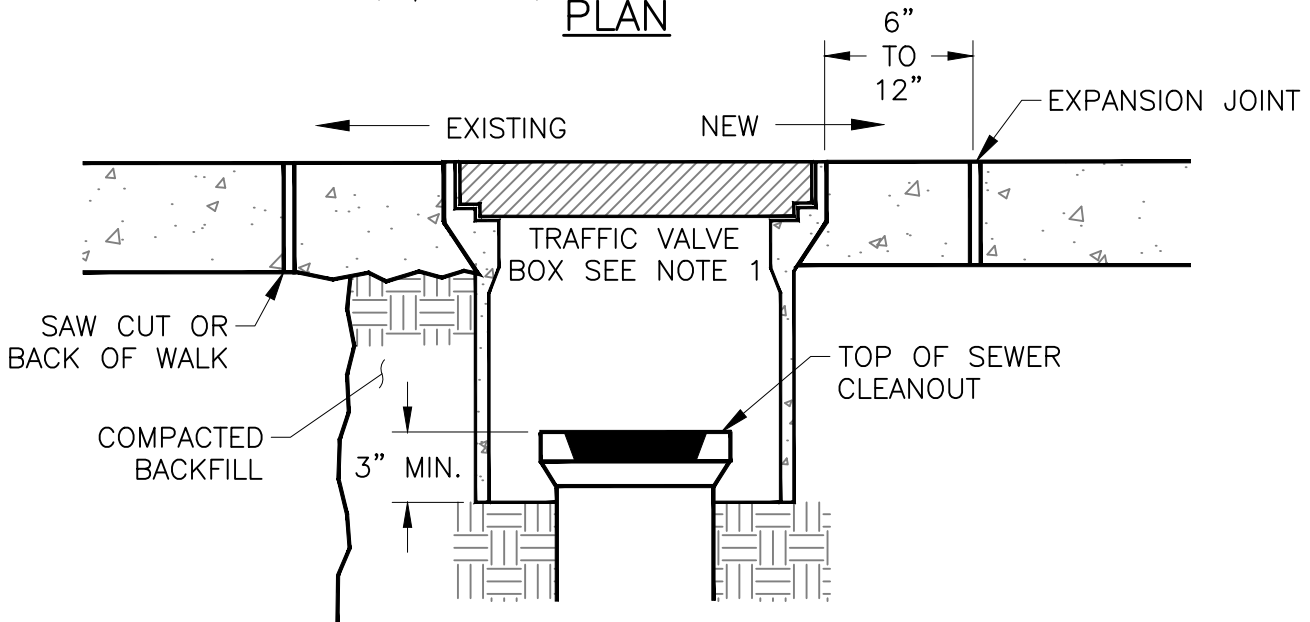
201-6



			CITY OF DAVIS STANDARD PLAN	
			SANITARY SEWER SERVICE	
			RISER DETAIL (IN LANDSCAPE AREA WHERE JOINT TRENCH IS BEHIND WALK)	
			APPROVED <u>July 11</u> 20 <u>17</u>	
			<i>Dianna R. Jensen</i>	
			DIANNA R. JENSEN	
			P.E. No. C-56636	
Rev.	Description	Date	SHEET <u>2</u> OF <u>2</u>	
			201-6	



PLAN



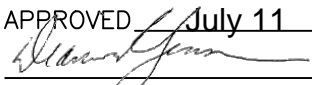
SECTION

NOTES:

1. TRAFFIC VALVE BOX MARKED "SEWER", CHRISTY G-5 BOX, OR APPROVED EQUAL (WITH NO KNOCKOUTS AND THE SAME INSIDE DIMENSIONS).
2. IF DRIVEWAY IS EXISTING, SAW CUT OF CONCRETE SHALL BE REQUIRED AS SHOWN.
3. CONCRETE PATCH SHALL MATCH EXISTING CONCRETE FINISH.
4. INSTALL 4" POLYCAP STOPPER IN CLEANOUT.

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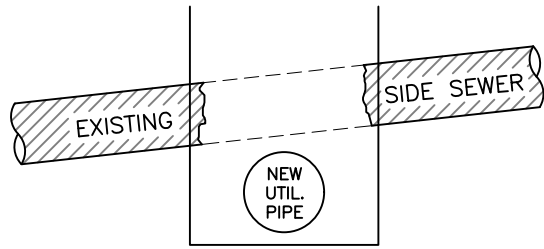
CITY OF DAVIS STANDARD PLAN

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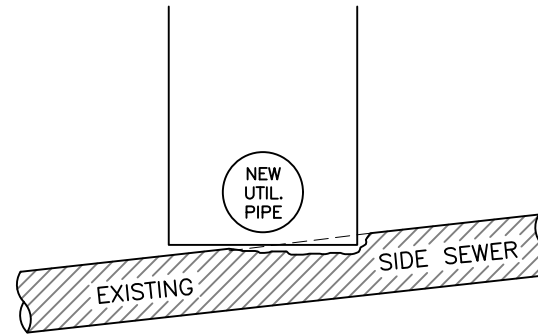
SEWER SERVICE BOX IN DRIVEWAYS

SHEET 1 OF 1

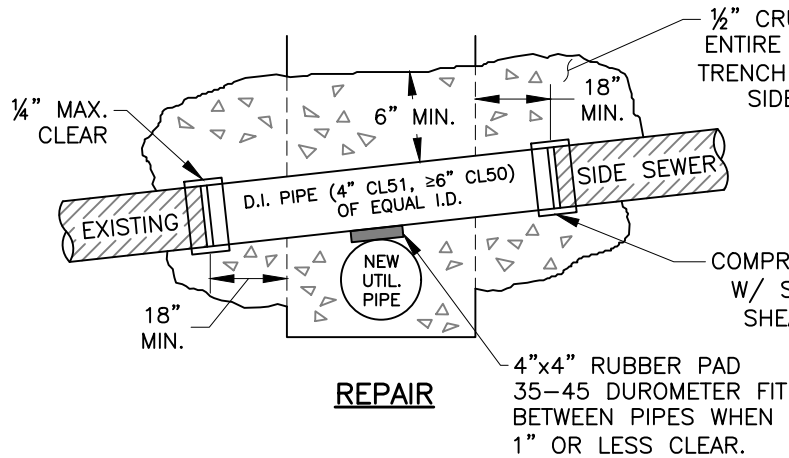
201-7



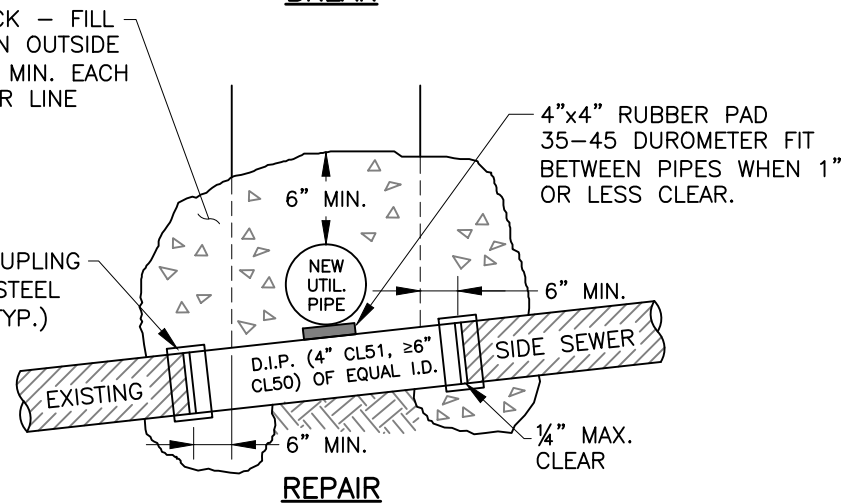
BREAK



BREAK



REPAIR



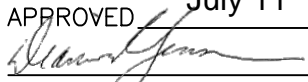
REPAIR

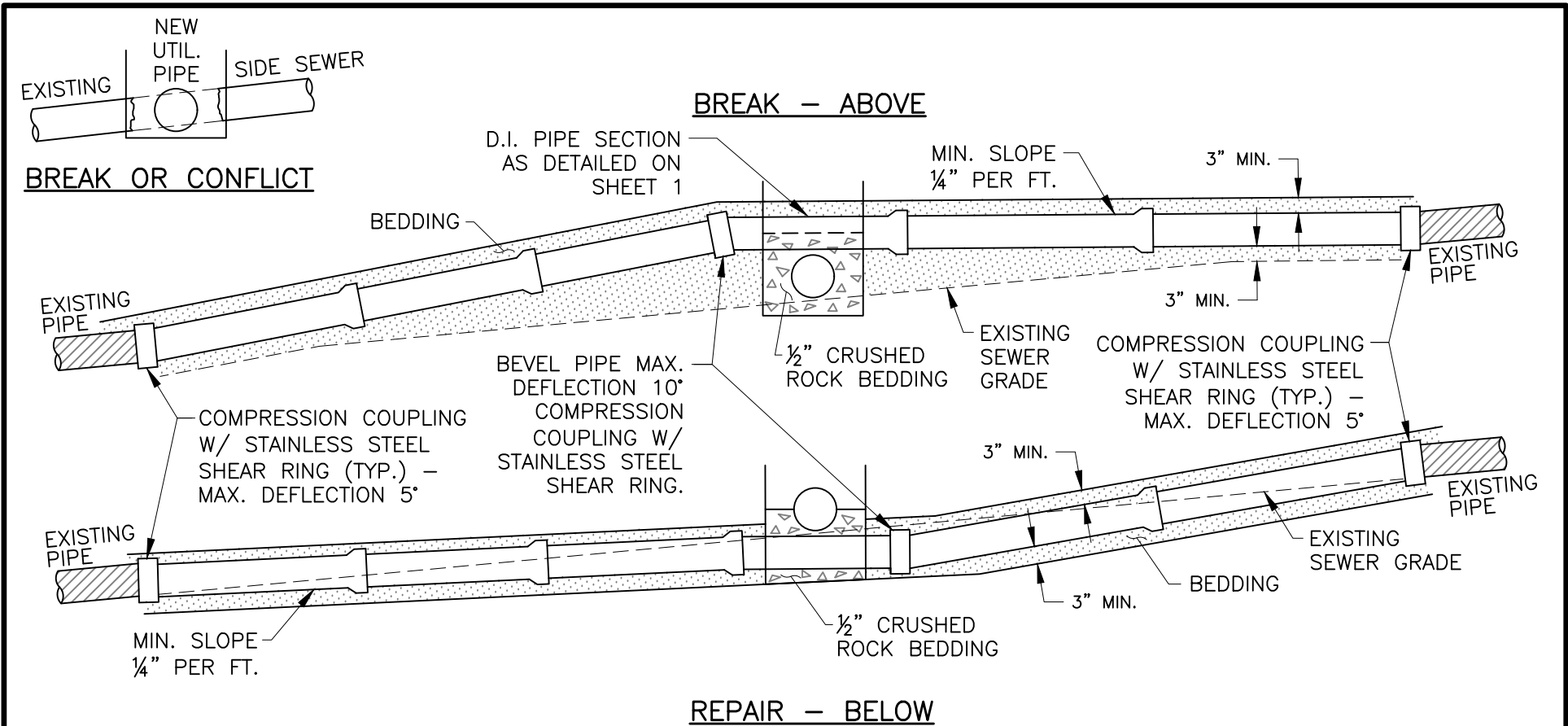
SIMPLE SIDE SEWER BREAKS – NO CONFLICT IN GRADE

NOTES:

1. PRIOR TO PERFORMING WORK OBTAIN AN ENCROACHMENT PERMIT FROM PUBLIC WORKS.
2. ALL REPAIRS SHALL BE MADE BY CITY FORCES, AT THE EXPENSE OF THOSE RESPONSIBLE FOR DAMAGE, UNLESS OTHERWISE APPROVED.

Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN	
APPROVED <u>July 11</u> 20 <u>17</u>  DIANNA R. JENSEN P.E. No. C-56636	NO CONFLICT IN GRADE
SHEET <u>1</u> OF <u>2</u>	201-8

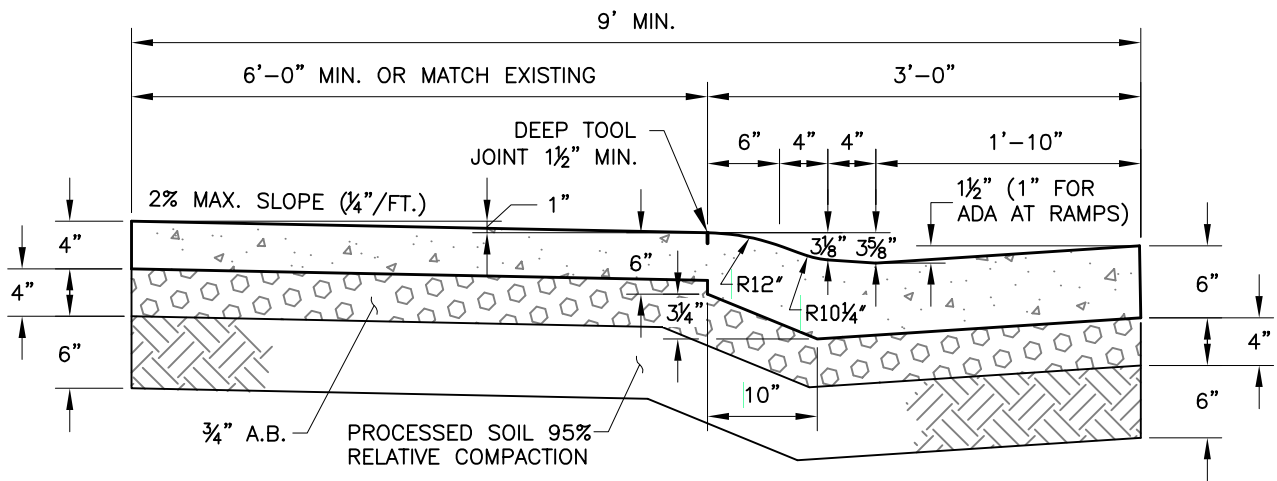


SIMPLE SIDE SEWER BREAKS - CONFLICT IN GRADE

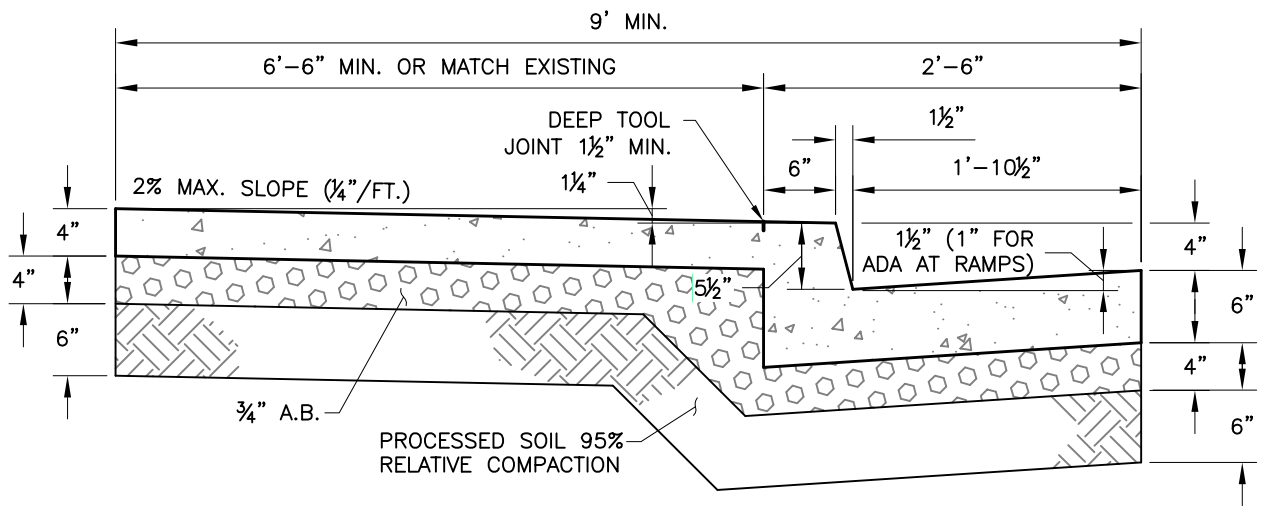
NOTES:

1. PRIOR TO PERFORMING WORK OBTAIN AN ENCROACHMENT PERMIT FROM PUBLIC WORKS.
2. ALL REPAIRS SHALL BE MADE BY CITY FORCES, AT THE EXPENSE OF THOSE RESPONSIBLE FOR DAMAGE, UNLESS OTHERWISE APPROVED.

			CITY OF DAVIS STANDARD PLAN	
			APPROVED <u>July 11</u> 20 <u>17</u> <i>Dianna R. Jensen</i>	CONFLICT IN GRADE
			DIANNA R. JENSEN P.E. No. C-56636	
Rev.	Description	Date	SHEET <u>2</u> OF <u>2</u>	201-8



SECTION R4-4
ROLLED CURB AND GUTTER WITH 6' SIDEWALK



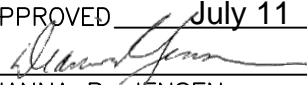
SECTION V6-4.5
VERTICAL CURB AND GUTTER WITH 6'-6\"/>

NOTES:

1. PROVIDE 1/2\"/>
2. SURFACE FINISH SHALL BE LIGHT DELAYED BROOMING.
3. PROVIDE COLD JOINTS OR EXPANSION JOINTS AT EACH END OF CURB RETURNS, PROVIDE DEEP TOOL JOINTS AT 12' SPACING ELSEWHERE AND AT BACK OF CURB OR BACK OF ROLL.
4. SECTION AND SIDEWALK WIDTH TO BE AS SPECIFIED ON CONSTRUCTION PLANS.
5. SCORE MARKS SHALL BE PLACED ACROSS THE SIDEWALK AT INTERVALS NOT TO EXCEED 4 FEET.
6. TRANSVERSE DEEP TOOL JOINTS SHALL BE 1/4\"/>
7. SECTIONS APPLY TO ALL WALKWAYS INSTALLED UNDER PUBLIC WORKS DIRECTION.

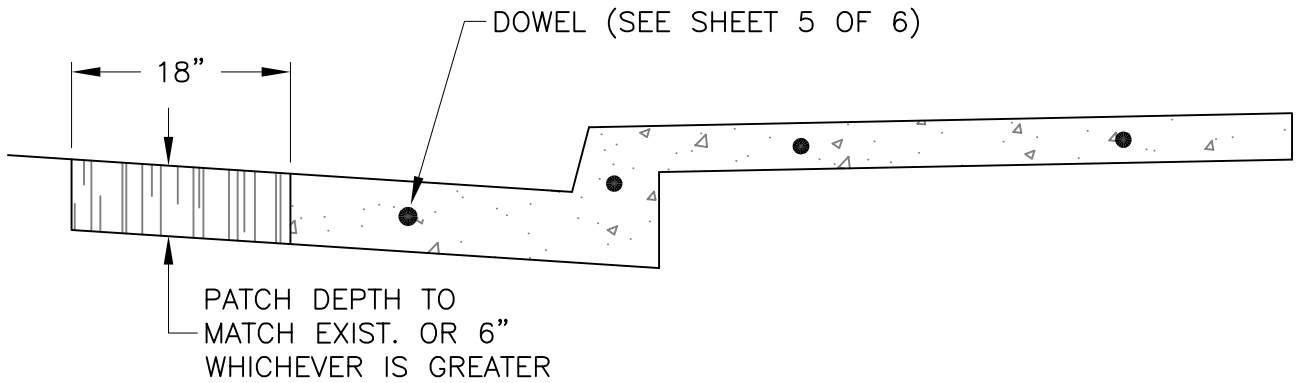
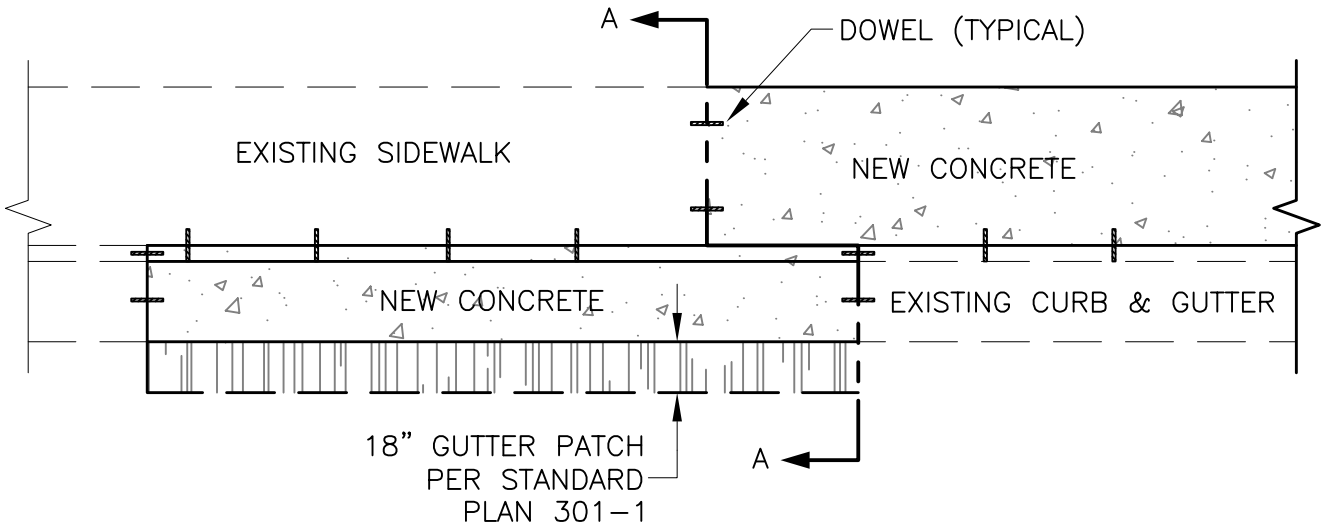
Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

APPROVED July 11 2017

 DIANNA R. JENSEN
 P.E. No. C-56636

CURB, GUTTER, AND SIDEWALK

SHEET 1 OF 6 301-1



SECTION A-A

Rev.	Description	Date	Rev.	Description	Date

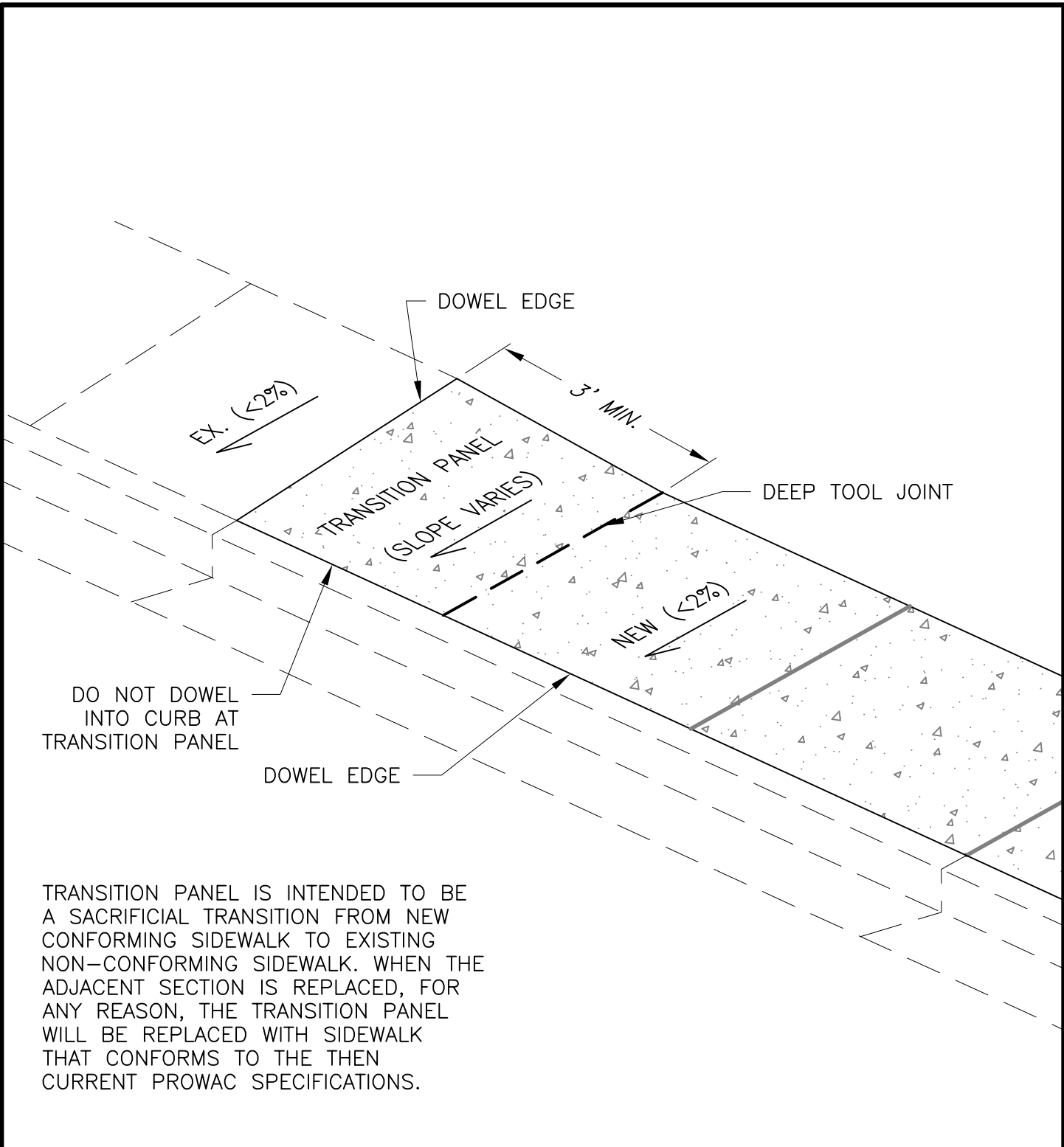
CITY OF DAVIS STANDARD PLAN

APPROVED July 11 20 17
Dianna R. Jensen
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 P.E. No. C-56636

RETROFIT CURB, GUTTER & SIDEWALK

SHEET 2 OF 6

301-1



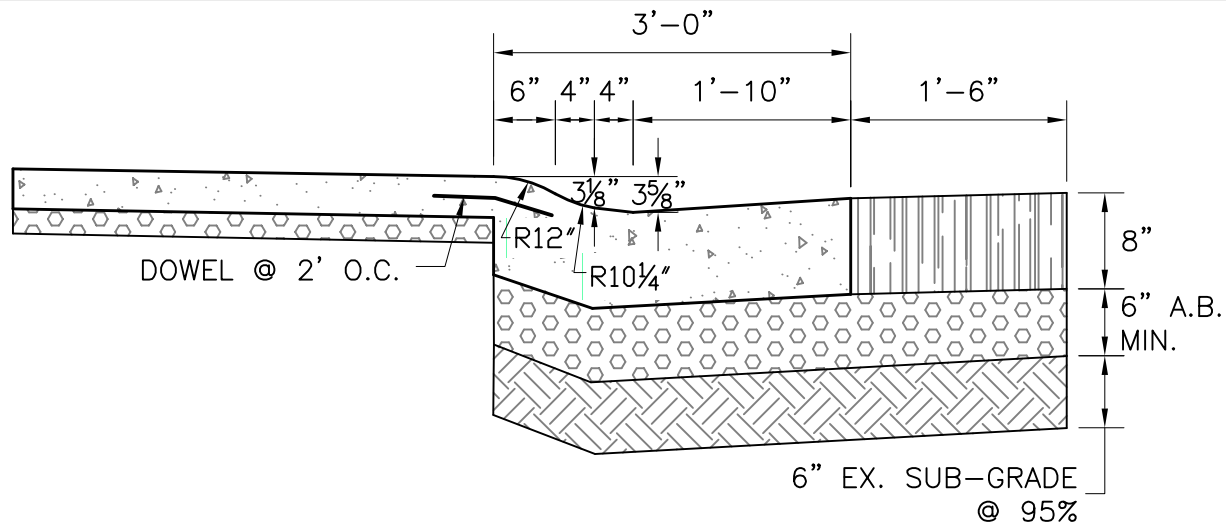
Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

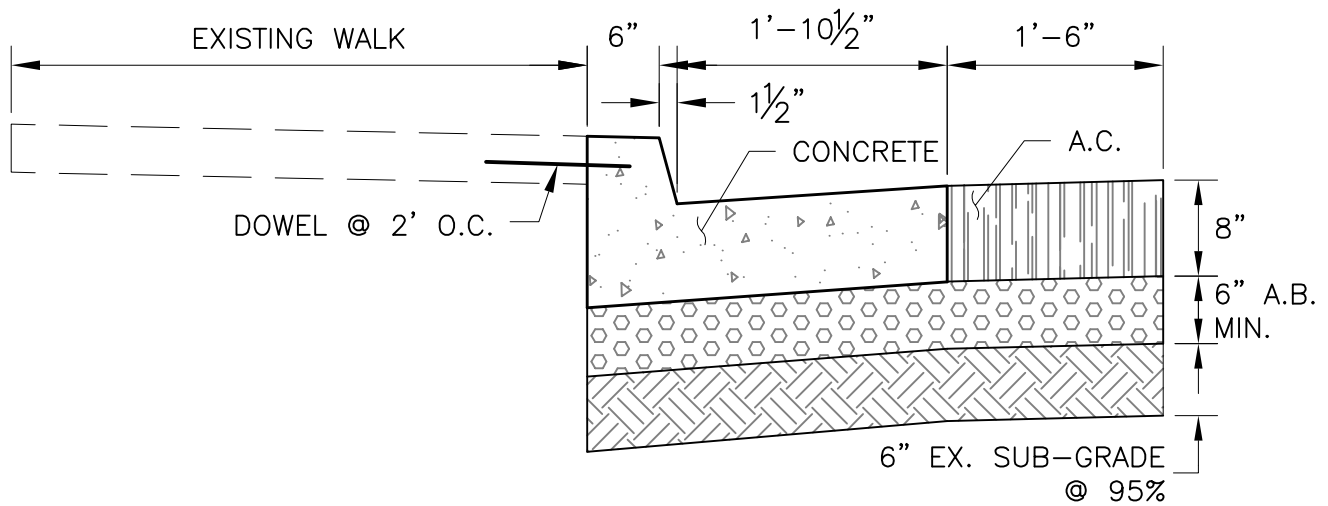
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SIDEWALK TRANSITION PANEL

SHEET 3 OF 6 301-1



ROLLED CURB



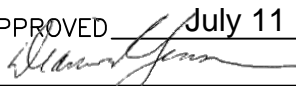
VERTICAL CURB

NOTES:

1. PROVIDE 1/2" ROUND FILLET ON ALL EDGES.
2. SURFACE FINISH SHALL BE LIGHT BROOM.
3. PROVIDE DEEP TOOL JOINTS @ 12' SPACING AND AT BACK OF CURB OR BACK OF ROLL.
4. TRANSVERSE DEEP TOOL JOINTS SHALL BE 1/4" WIDE BY 1/2" DEEP.

Rev.	Description	Date	Rev.	Description	Date

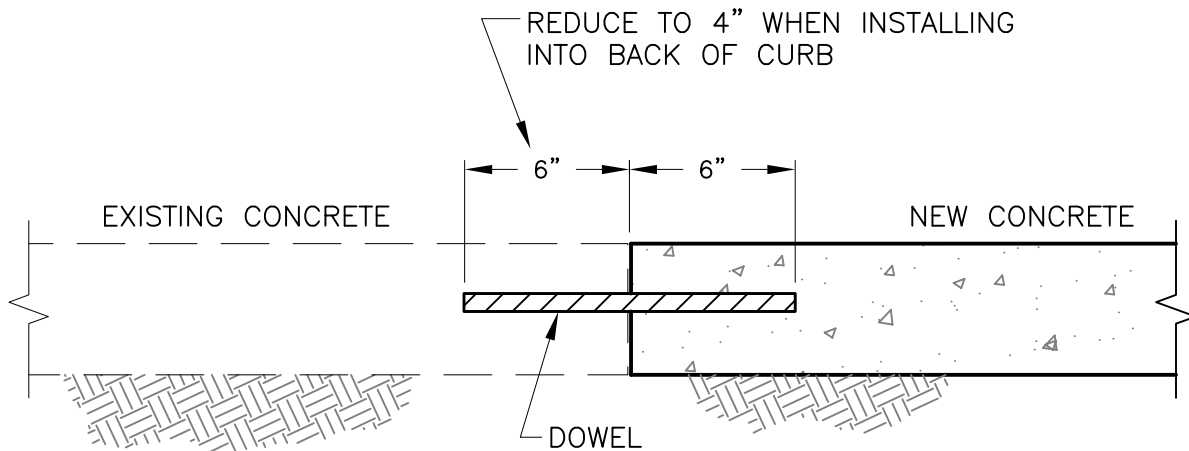
CITY OF DAVIS STANDARD PLAN

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 P.E. No. C-56636

**CURB AND THICK GUTTER
 AT BUS STOPS**

SHEET 4 OF 6

301-1

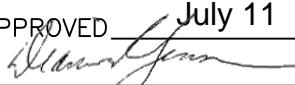


NOTES:

1. USE AS SPECIFIED.
2. SLABS 4½" OR MORE IN THICKNESS USE #4 REBAR.
3. SLABS 4" OR LESS IN THICKNESS USE #3 REBAR.
4. DRILL HOLE AND EPOXY BAR IN EXISTING CONCRETE.
5. MINIMUM OF 2 DOWELS IN 4' WALK, OTHERWISE @ 4' CENTERS.

Rev.	Description	Date	Rev.	Description	Date

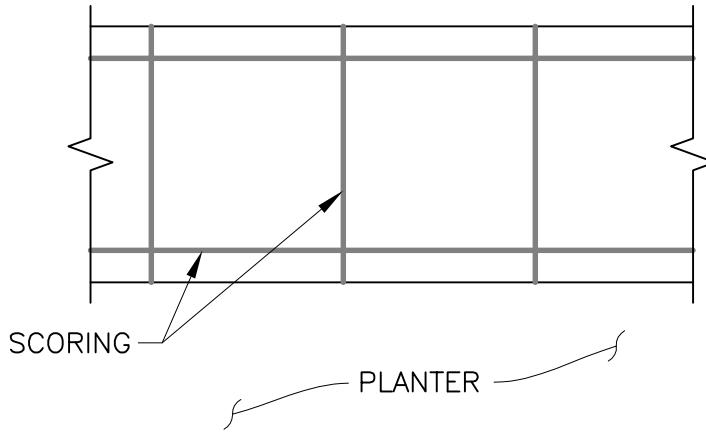
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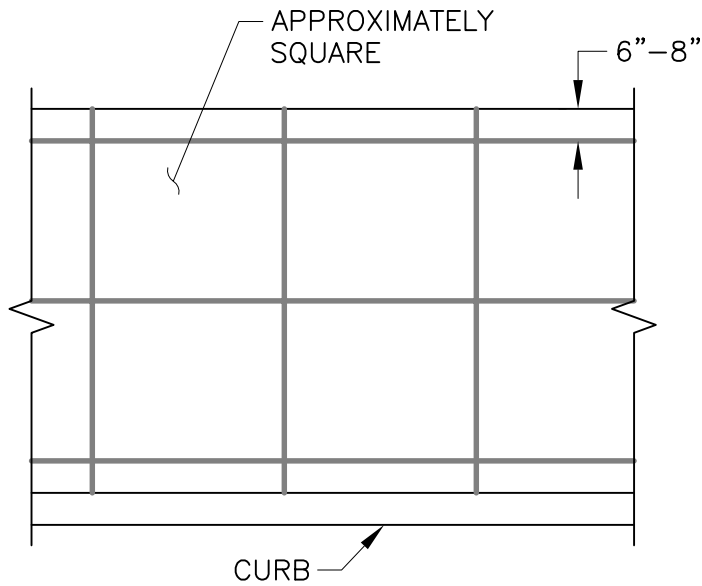
CONCRETE SLAB DOWEL DETAIL

SHEET 5 OF 6

301-1



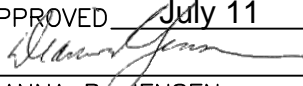
HISTORIC SCORING



WINDOW PANE SCORING

Rev.	Description	Date	Rev.	Description	Date

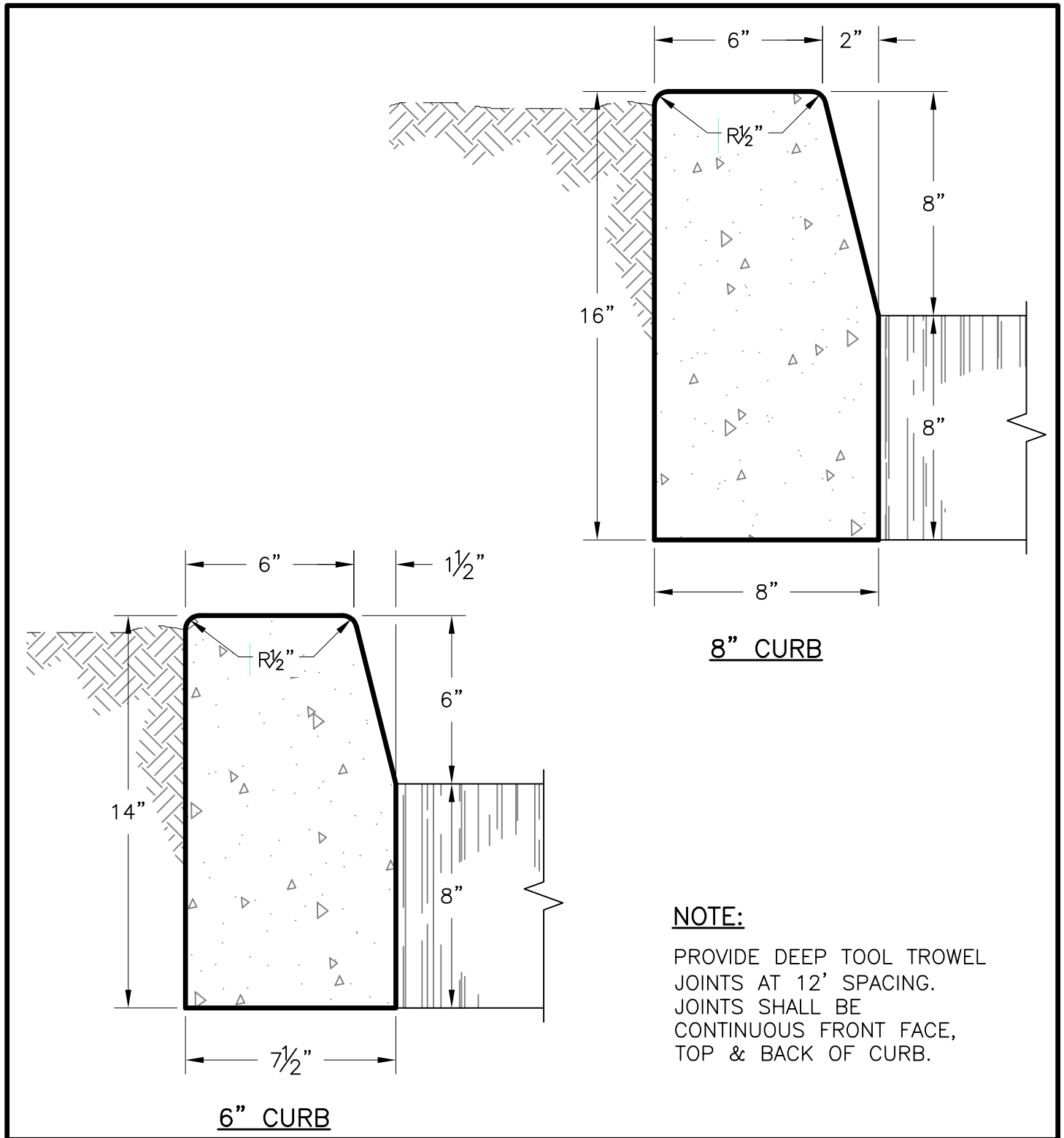
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**HISTORIC OR WINDOW PANE
 SCORING PATTERN**

SHEET 6 OF 6

301-1



Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

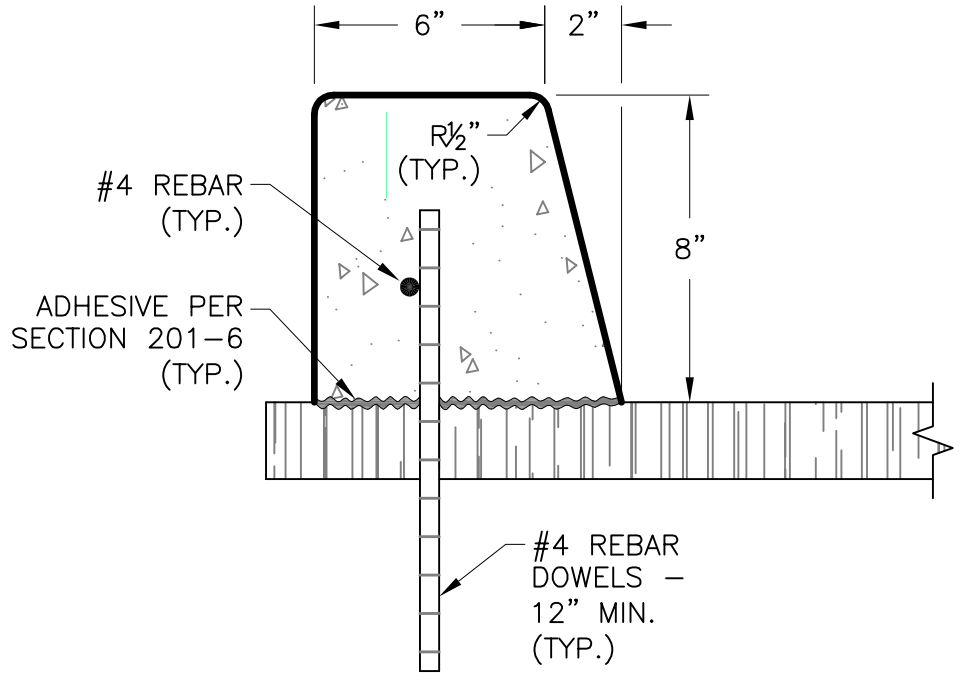
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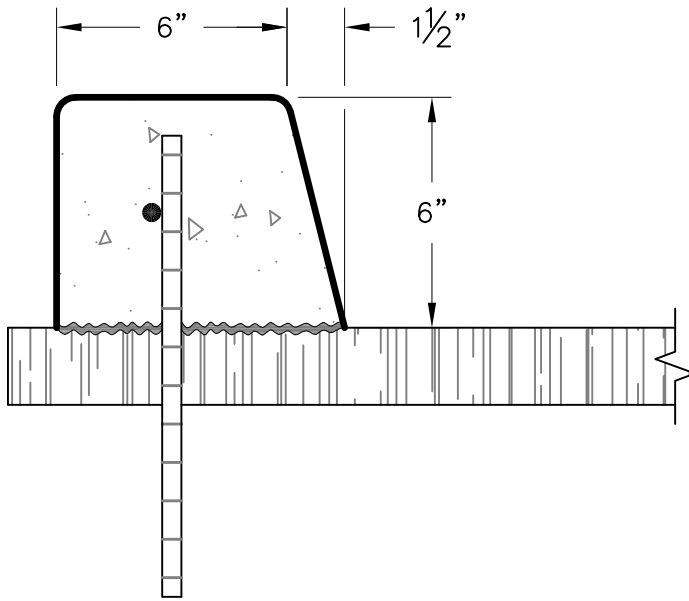
STANDARD BARRIER CURB

SHEET 1 OF 2

301-2



8" CURB



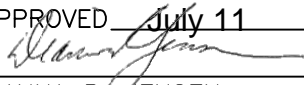
6" CURB

NOTE:

PROVIDE DEEP TOOL TROWEL JOINTS AT 12' SPACING. JOINTS SHALL BE CONTINUOUS FRONT FACE, TOP & BACK OF CURB.

Rev.	Description	Date	Rev.	Description	Date

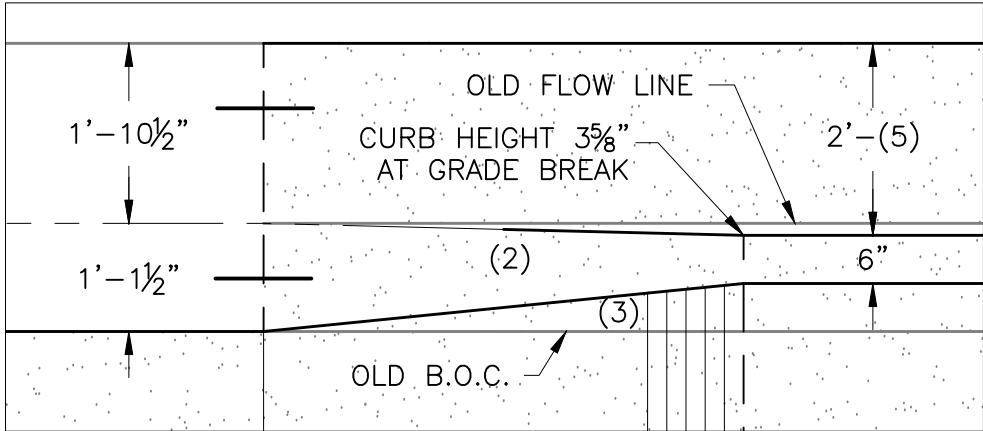
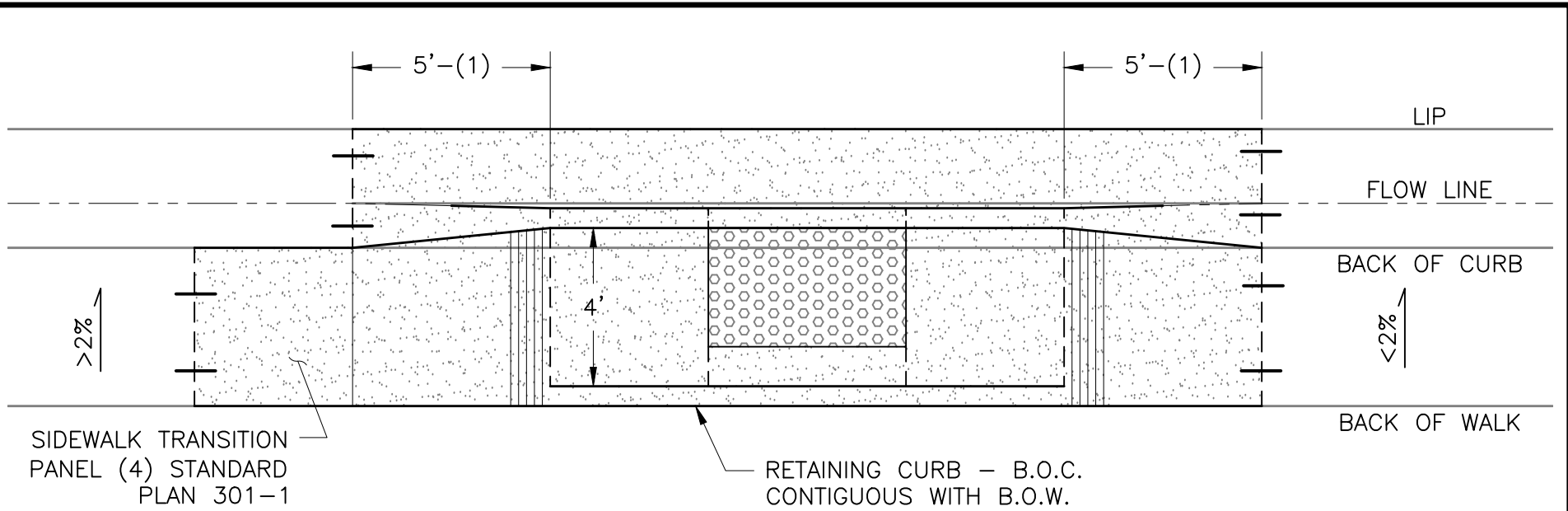
CITY OF DAVIS STANDARD PLAN

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 P.E. No. C-56636

**EXTRUDED BARRIER CURB
 (RETROFIT ONLY)**

SHEET 2 OF 2

301-2

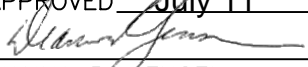


CURB TRANSITION DETAIL

NOTES:

1. TRANSITION FROM ROLL CURB TO 3⁵/₈" HIGH VERTICAL CURB.
2. IN THE TRANSITION, THE FLOW LINE MOVES FROM 1'-10¹/₂" FROM LIP TO 2' FROM LIP.
3. B.O.C. MOVES 6" TOWARD THE LIP.
4. WHERE EXISTING SIDEWALK HAS CROSS SLOPE GREATER THAN 2%, A TRANSITION PANEL SHALL BE CONSTRUCTED.
5. RAMP SHALL CONFORM TO CALTRANS RSP A88A 2010.

Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN	
APPROVED <u>July 11</u> 20 <u>17</u>  DIANNA R. JENSEN P.E. No. C-56636	CASE C RAMP RETROFIT WHERE R.O.W. IS AT B.O.W. WITH ROLL CURB
SHEET <u>1</u> OF <u>1</u>	301-3

STANDARD DRIVEWAY DETAILS

CONSTRUCTION STANDARDS

SUBGRADE: COMPACTED TO 90% RELATIVE COMPACTION FOR A DEPTH OF 6", AND PLACE MINIMUM 2" OF ¾" AGGREGATE BASE AS SHOWN.

CONCRETE & FINISH: CONCRETE PER CITY OF DAVIS STANDARD SPECIFICATIONS. STEEL TROWEL WITH LIGHT BROOM FINISH. – 7 DAY MINIMUM CURE PRIOR TO USAGE.

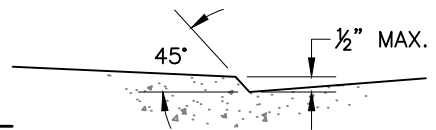
DRIVEWAY TYPES

<u>DRIVEWAY</u>	<u>USAGE</u>
LIGHT	2 DWELLING UNITS OR LESS
MEDIUM	3 TO 20 DWELLINGS, MOST COMMERCIAL DRIVEWAYS
HEAVY	21 DWELLINGS OR MORE, INDUSTRIAL, SHOPPING CENTERS, SERVICE STATIONS, ETC.

DESIGN STANDARDS

1. DRIVEWAYS SHALL NOT BE CONSTRUCTED WITHIN 4' OF ANY STREET CROSSWALK OR CURB RETURN.
2. ANY EXISTING DRIVEWAYS WITHIN PROJECT AREA VIOLATING ANY PROVISIONS OF ARTICLE II, SECTIONS 24-6 THRU 24-14 SHALL BE ALTERED TO CONFORM TO CITY OF DAVIS CODE, SECTION 24-14.
3. WHERE THERE ARE TWO OR MORE DRIVEWAYS ON THE SAME PROPERTY, THERE SHALL BE AN ISLAND BETWEEN THE DRIVEWAYS.
4. SLOPE FROM GUTTER FLOW LINE TO FRONT EDGE OF SIDEWALK SHALL NOT EXCEED 8.33% (1"/FT.). DESIGNER SHOULD REVIEW CROWN OF STREET RELATING TO THE NEW DRIVEWAY AND MODIFY (LESSEN SLOPE) WHERE VEHICLES MAY BOTTOM OUT.
5. TO DETERMINE REQUIRED SLOPES REFER TO HANDICAP RAMP STANDARD (301-3).

LIP DETAIL



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CITY OF DAVIS STANDARD PLAN

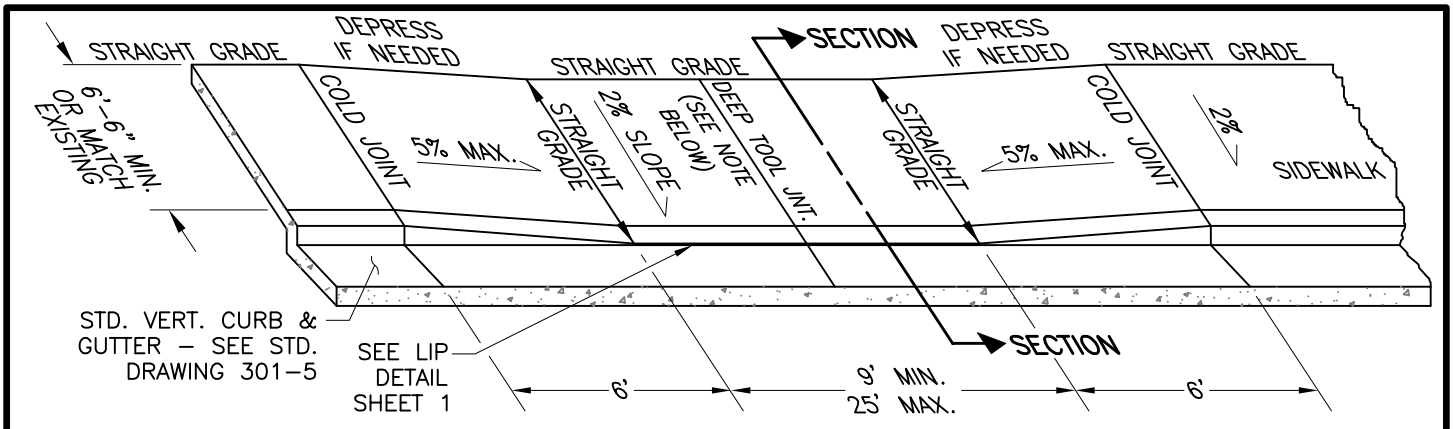
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 P.E. No. C-56636

STANDARD DRIVEWAY DETAILS - NOTES AND LIP DETAIL

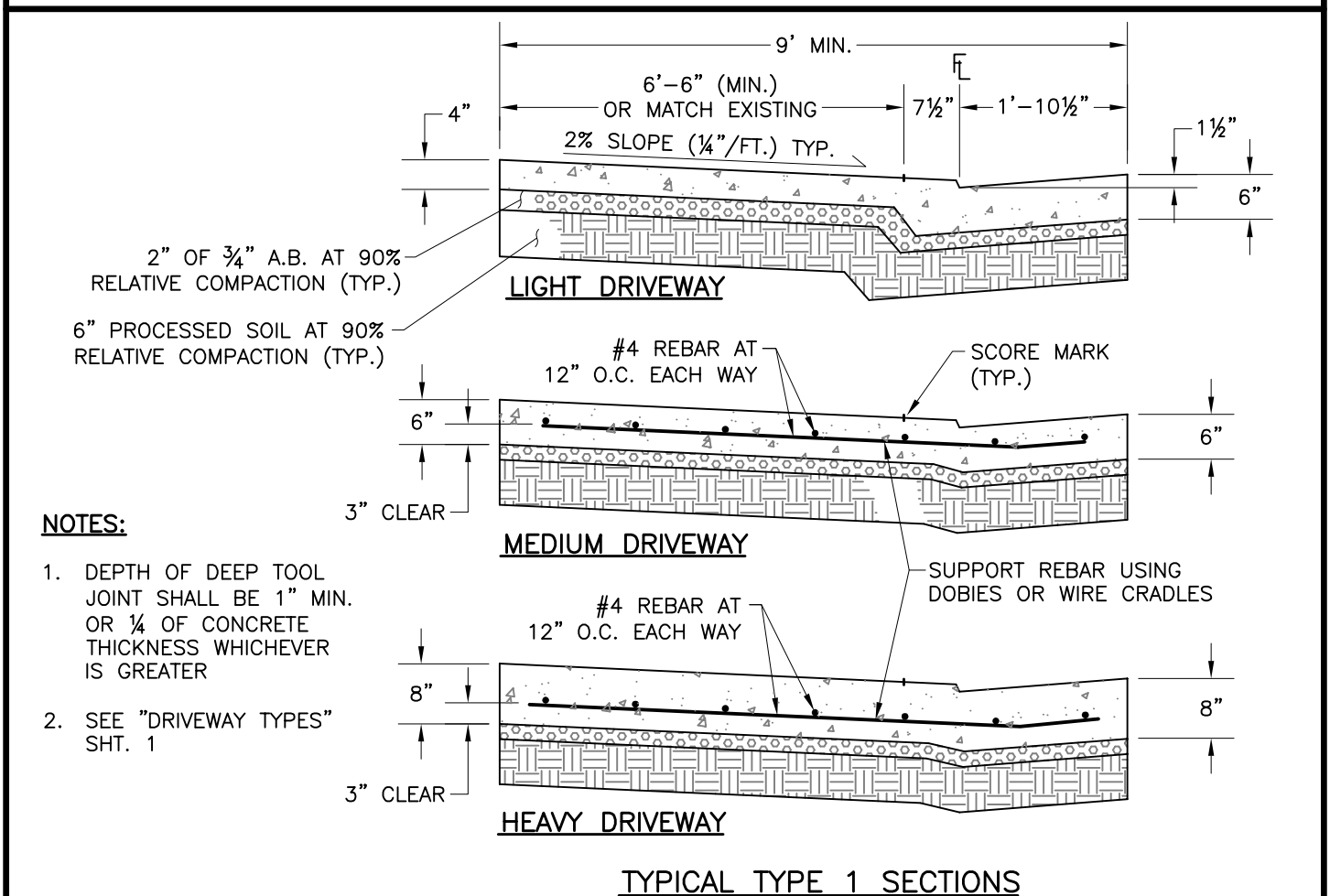
SHEET 1 OF 4

301-4



ALTERNATE TO DEPRESSING SIDEWALK:
ROUTE SIDEWALK AROUND DRIVEWAY & DEDICATE AN EASEMENT.

STANDARD TYPE 1 DRIVEWAY



NOTES:

1. DEPTH OF DEEP TOOL JOINT SHALL BE 1" MIN. OR 1/4 OF CONCRETE THICKNESS WHICHEVER IS GREATER
2. SEE "DRIVEWAY TYPES" SHT. 1

Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

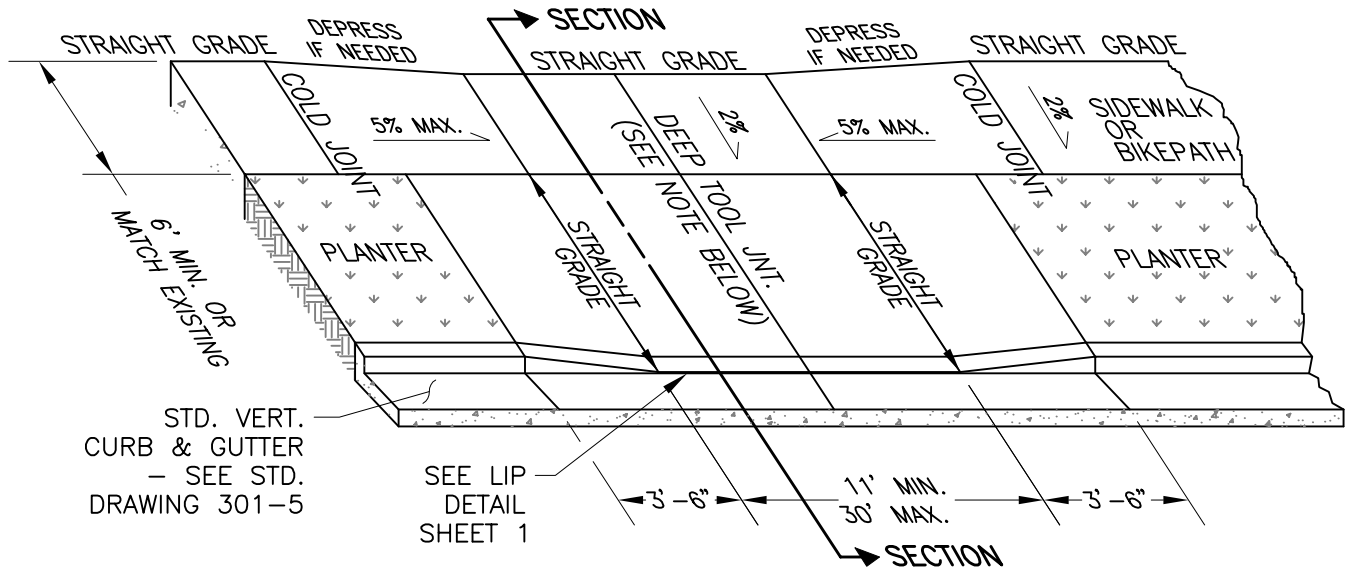
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 P.E. No. C-56636

**STANDARD DRIVEWAY DETAILS -
TYPE 1 DRIVEWAY**

SHEET 2 OF 4

301-4

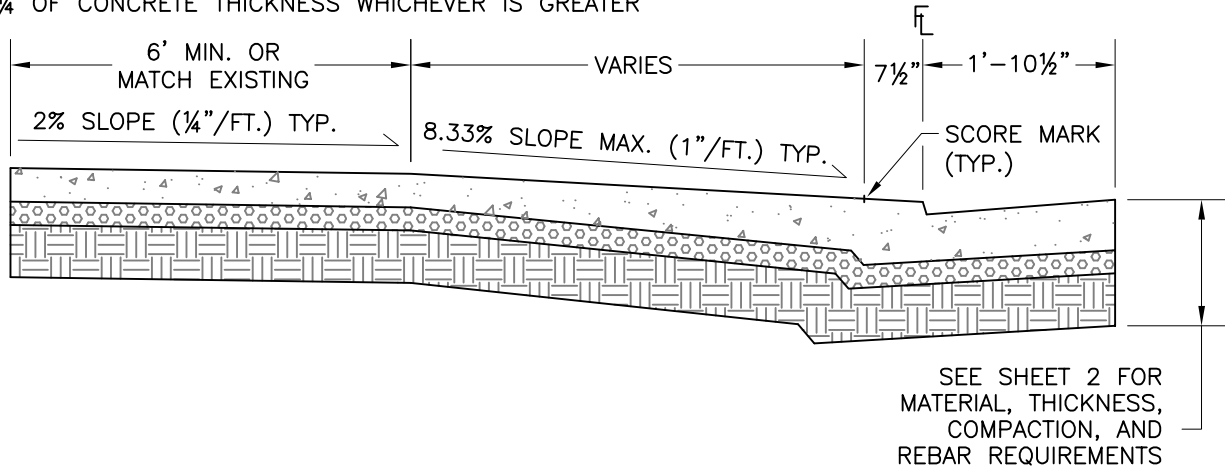


DESIGN ON-SITE DRIVEWAY SLOPE A MINIMUM OF 0.6' ABOVE GUTTER FLOW LINE.
 DESIGN SHOULD PREVENT STREET DRAINAGE GOING ON-SITE.

STANDARD TYPE 2 DRIVEWAY

NOTE:

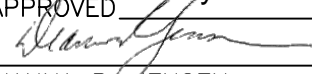
DEPTH OF DEEP TOOL JOINT SHALL BE 1" MIN. OR 1/4 OF CONCRETE THICKNESS WHICHEVER IS GREATER



TYPICAL TYPE 2 SECTIONS

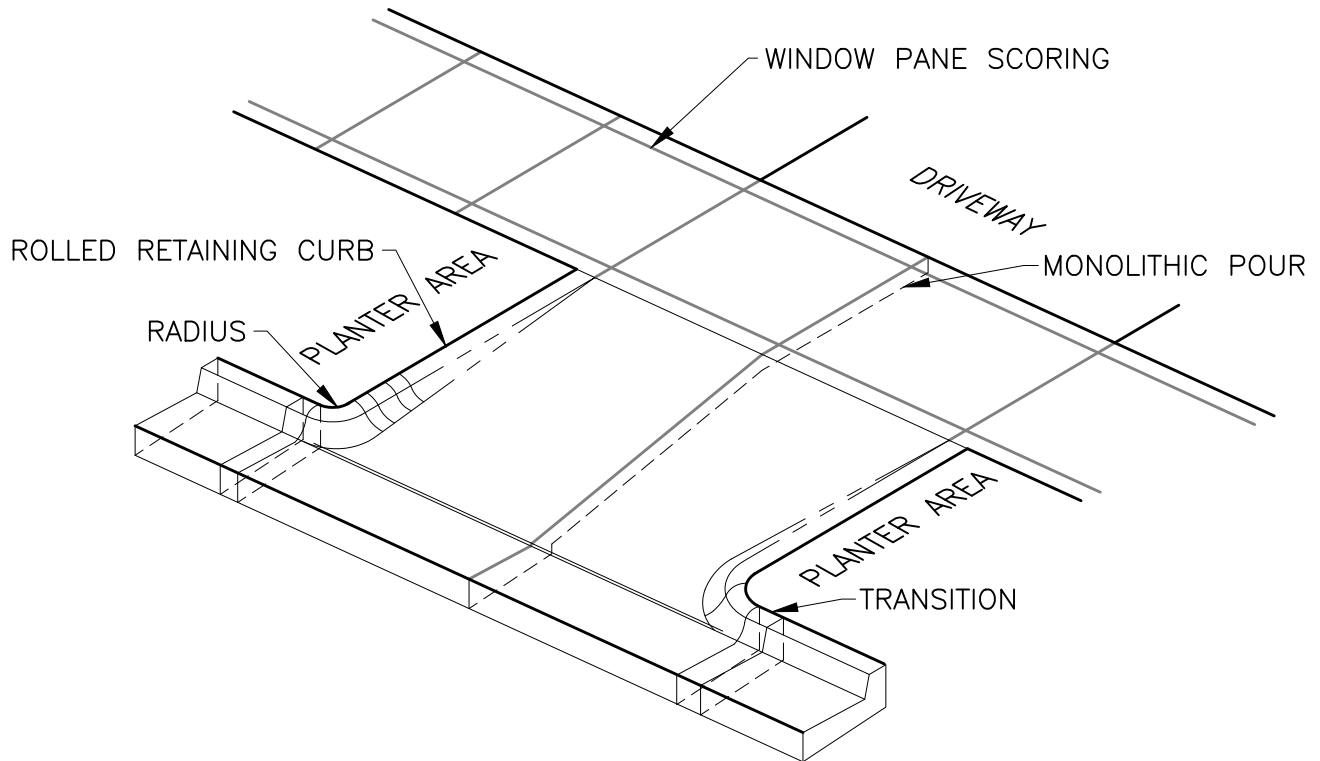
Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

APPROVED July 11 2017

 DIANNA R. JENSEN
 P.E. No. C-56636

**STANDARD DRIVEWAY DETAILS -
 TYPE 2 DRIVEWAY**

SHEET 3 OF 4 301-4



THERE IS ROOM FOR STYLE VARIATION IN THIS DESIGN.

CONSTANTS ARE:

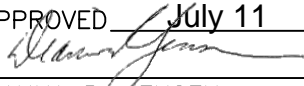
1. ROLLED RETAINING CURBS.
2. RADIUS AT STREET CURB, R=4".
3. TRANSITION FROM ROLLED TO VERTICAL CURB ON THE STRAIGHT.
4. MONOLITHIC POUR LIP OF GUTTER TO BACK OF WALK.
5. WINDOW PANE SCORING.

NOTE:

STRUCTURAL SECTION AND OTHER CONSTRUCTION DETAILS SHALL CONFORM TO SHEET 3 "TYPE 2 DRIVEWAY"

Rev.	Description	Date	Rev.	Description	Date

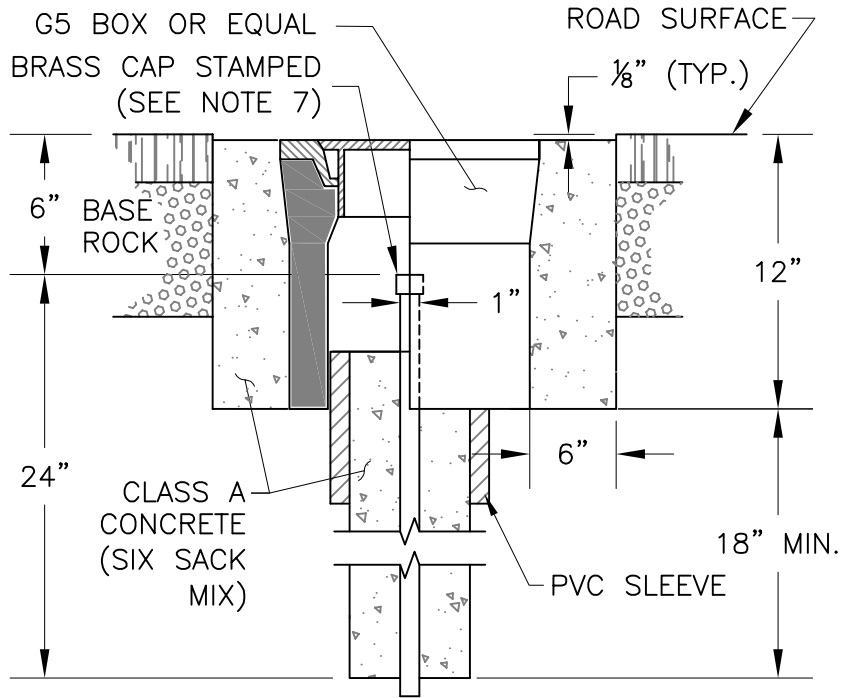
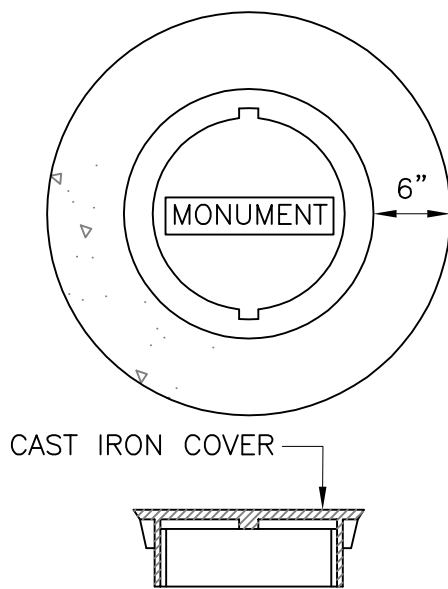
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 P.E. No. C-56636

**STANDARD DRIVEWAY DETAILS -
 TRANSITION DRIVEWAY**

SHEET 4 OF 4

301-4

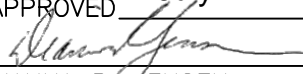


NOTES:

1. PRECAST TRAFFIC VALVE BOX SHALL BE OLDCASTLE PRECAST CHRISTY G05T BOX.
2. MONUMENT PIPE TO BE 1" GALV. STEEL WITH BRASS CAP (OR APPROVED ALTERNATE). 2' MINIMUM LENGTH. PIPE TO BE DRIVEN INTO GROUND.
3. THE SLEEVE SHALL BE 6" DIAMETER PVC PIPE 12" LONG. THE SLEEVE SHALL FIT SUCH THAT THE PRECAST BOX CAN SLIDE FREELY. CARDBOARD TUBES ARE NOT ACCEPTABLE.
4. THE PRECAST BOX SHALL BE SET IN CONCRETE 1/8" BELOW THE NEW PAVEMENT. THE CONCRETE SHALL EXTEND 6" FROM OUTSIDE EDGE OF PRECAST BOX AND 12" IN DEPTH. THE CONCRETE SHALL HAVE A MEDIUM BROOM FINISH.
5. REMOVAL OF PAVEMENT FOR THE PRECAST BOX SHALL BE WITH A PNEUMATIC HAMMER CHISEL TYPE, OR OTHER APPROVED EQUIPMENT.
6. PRIOR TO POUR THE CONTRACTOR SHALL CALL FOR AN INSPECTION.
7. THE ENGINEER'S NUMBER (RCE#) OR SURVEYOR'S NUMBER (LS#) SHALL BE STAMPED IN THE BRASS CAP WITH 1/8" LETTERS. THE ENGINEER OR SURVEYOR SHALL USE A 1/8" DRILL TO DENOTE THE POINT. ALL LETTERING SHALL BE LEGIBLE.
8. THE MATING SURFACES OF THE LID AND RIM SHALL BE MACHINED FOR A TIGHT FIT.

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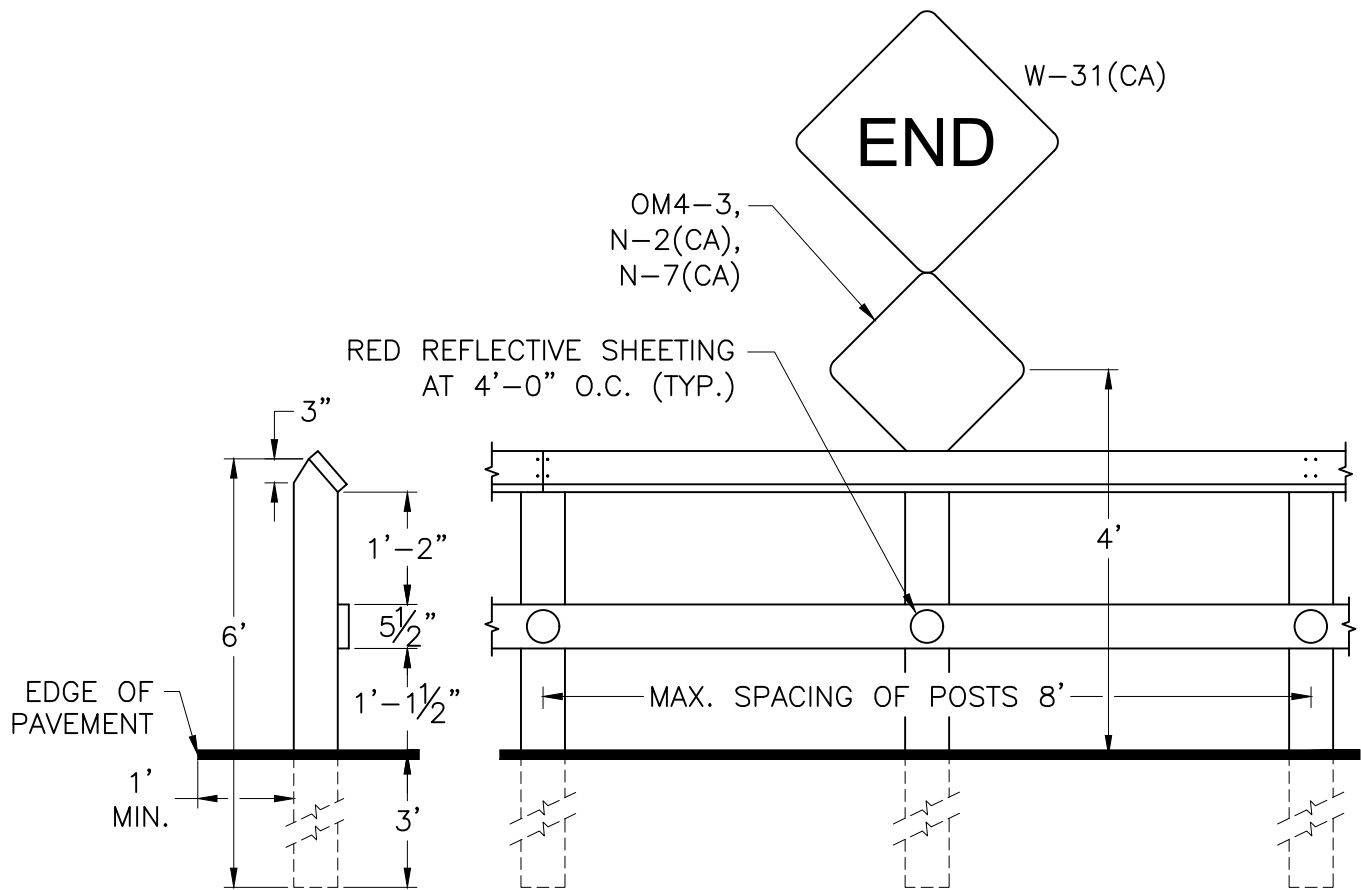
CITY OF DAVIS STANDARD PLAN

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MONUMENT BOX

SHEET 1 OF 1

301-5

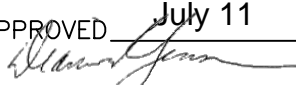


NOTES:

1. REFLECTIVE SHEETING TO BE 4" DIA. PRESSURE SENSITIVE, HIGH INTENSITY, REFLECTIVE SHEETING, MOUNTED ON 0.080" ALUMINUM AND NAILED TO WOOD.
2. NAILS TO BE 16d GALVANIZED.
3. BARRICADE TO EXTEND ACROSS ENTIRE R/W WIDTH.
4. AFTER ERECTION – WARNING RAILS AND POSTS SHALL BE PAINTED WITH ONE COAT OF OIL PRIMER AND TWO COATS OF HIGH QUALITY WHITE EXTERIOR LATEX PAINT.
5. RAILS – 2x6 S4S, DOUGLAS FIR CONSTRUCTION GRADE.
6. POSTS – 6x6 S4S, REDWOOD HEART CONSTRUCTION.

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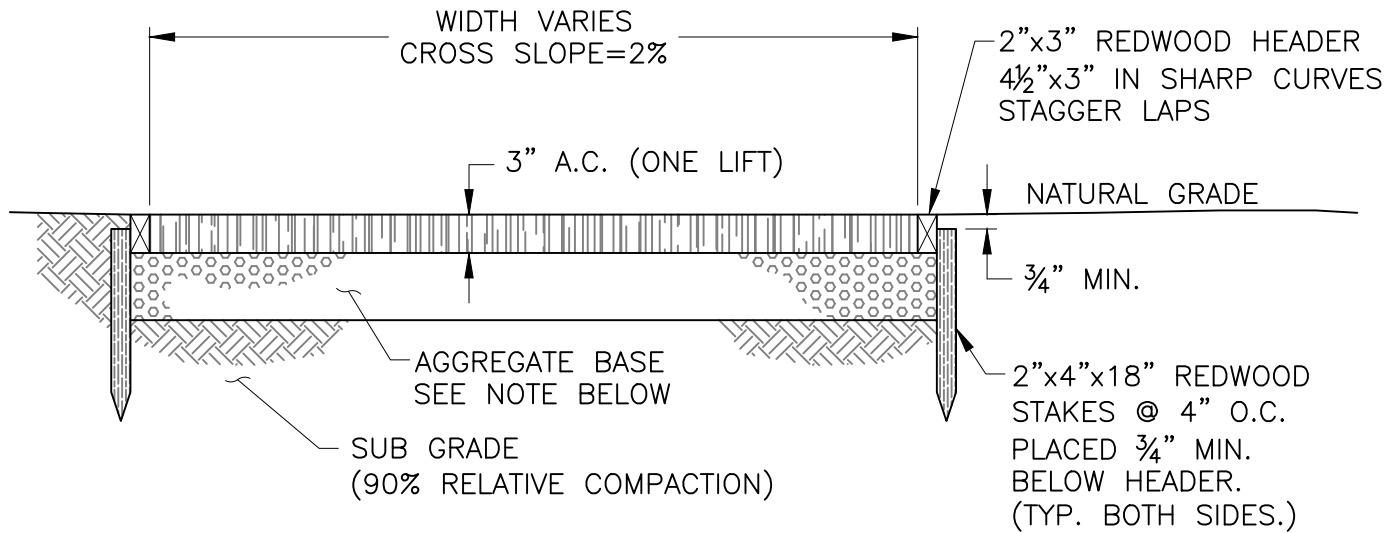
CITY OF DAVIS STANDARD PLAN

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STREET BARRICADE

SHEET 1 OF 1

301-6



MINIMUM STRUCTURAL SECTION

SPECIFICATIONS:

ASPHALT CONCRETE:

GRADING: MATERIAL PER SEC. 202-1 (BIKE PATH),
APPLICATION PER SEC. 302-1.

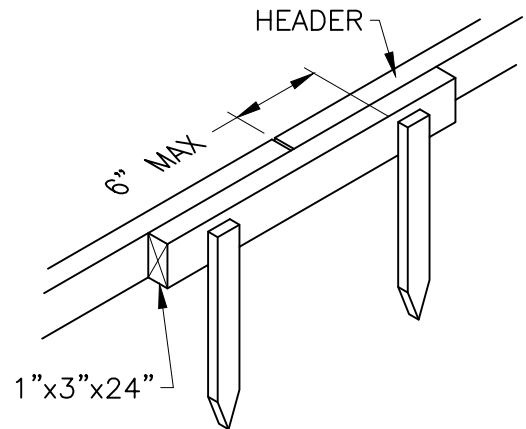
AGGREGATE BASE:

AGGREGATE BASE PER SEC. 200-1 SHALL BE
COMPACTED TO 90% RELATIVE COMPACTION TO A
DEPTH OF 6" BASE SHALL BE WITHIN 1/2" OF PLAN.

HEADER AND STAKES:

1. ALL WOOD SHALL BE CONSTRUCTION HEART REDWOOD OR BETTER.
2. JOINTS IN HEADER SHALL HAVE A STAKE ON BOTH SIDES SEE DETAIL BELOW.

ONLY ALLOWED UNDER SPECIFIC EXEMPTION



SPLICE DETAIL

**NOT FOR NEW
CONSTRUCTION**

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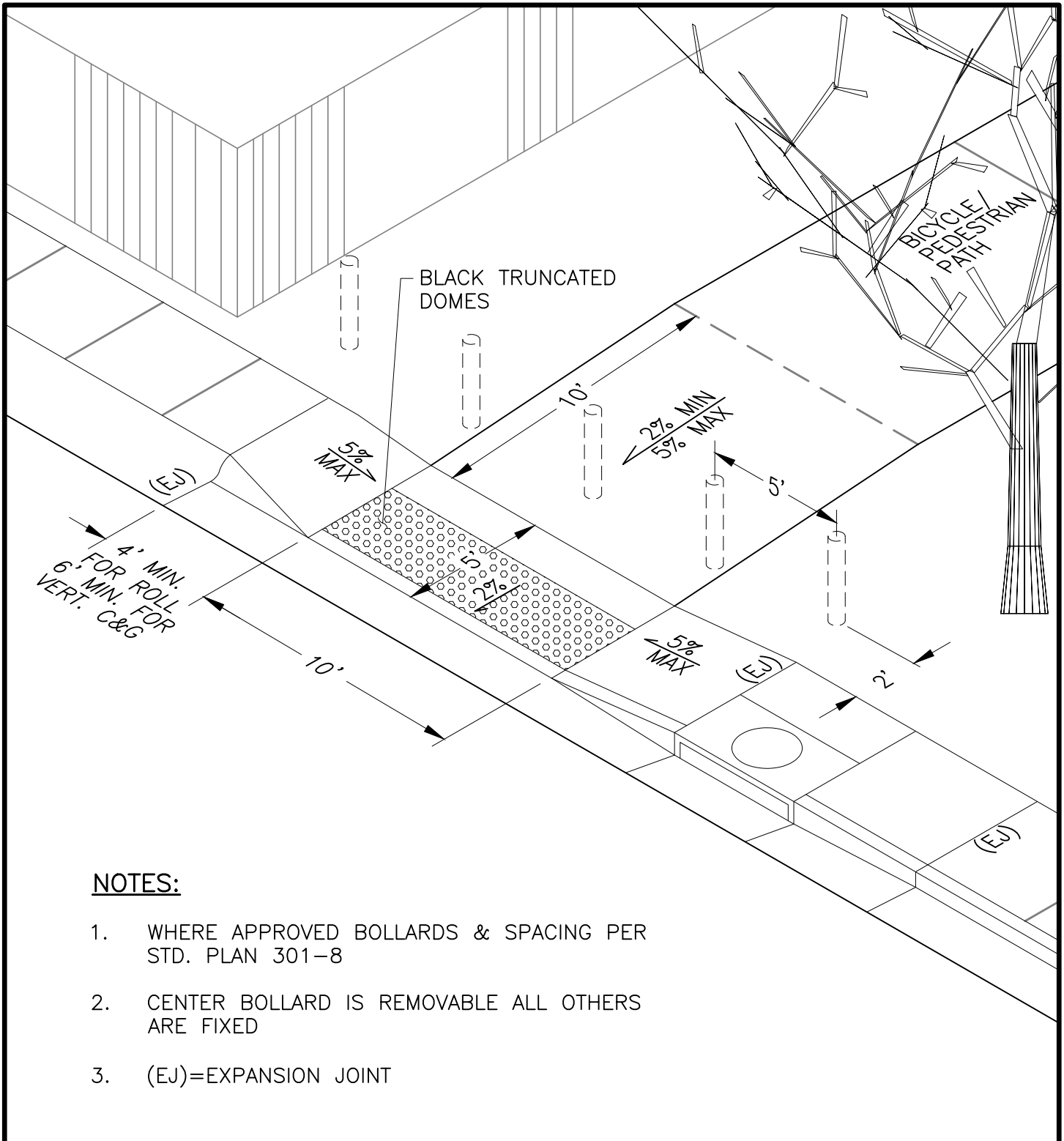
CITY OF DAVIS STANDARD PLAN

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P.E. No. C-56636

**REPAIR/RECONSTRUCTION OF
EXISTING A.C. BIKE PATH**

SHEET 1 OF 3

301-7




NOTES:

1. WHERE APPROVED BOLLARDS & SPACING PER STD. PLAN 301-8
2. CENTER BOLLARD IS REMOVABLE ALL OTHERS ARE FIXED
3. (EJ)=EXPANSION JOINT

Rev.	Description	Date	Rev.	Description	Date

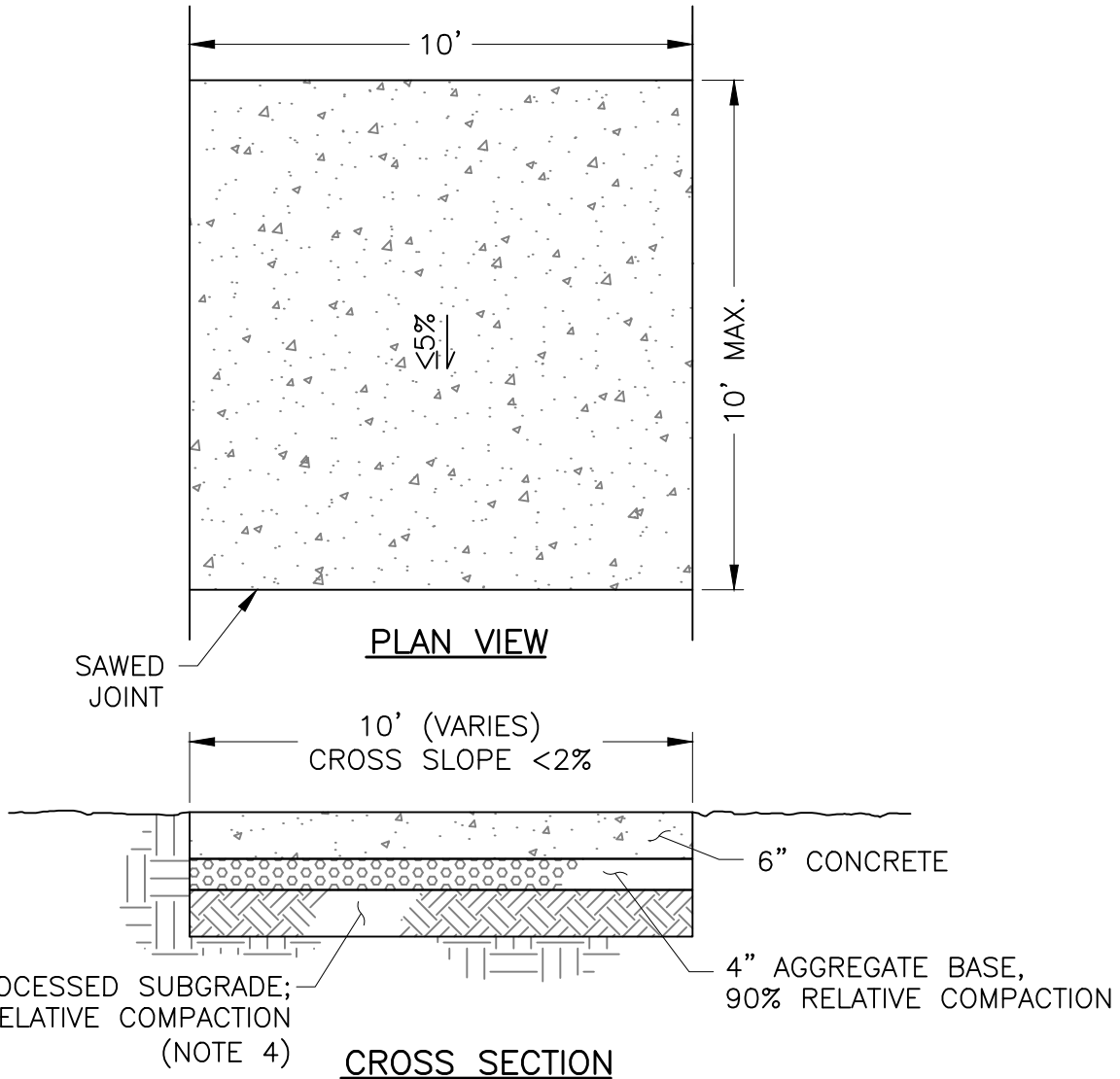
CITY OF DAVIS STANDARD PLAN

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 P.E. No. C-56636

**BICYCLE/PEDESTRIAN PATH
 ENTRANCE DETAIL**

SHEET 2 OF 3

301-7



NOTES:

1. CONCRETE SHALL CONFORM TO SECTION 201.
2. PROVIDE SAWED TRANSVERSE JOINTS, 1" DEEP AT 10' SPACINGS.
3. SURFACE FINISH SHALL BE TRANSVERSE MEDIUM BROOM FINISH.
4. SUBGRADE SHALL BE AT OR ABOVE OPTIMUM MOISTURE CONTENT AND OTHERWISE PROCESSED IN ACCORDANCE WITH SECT. 301.
5. APPLY CURING COMPOUND PER STANDARD SPECIFICATIONS.

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CITY OF DAVIS STANDARD PLAN

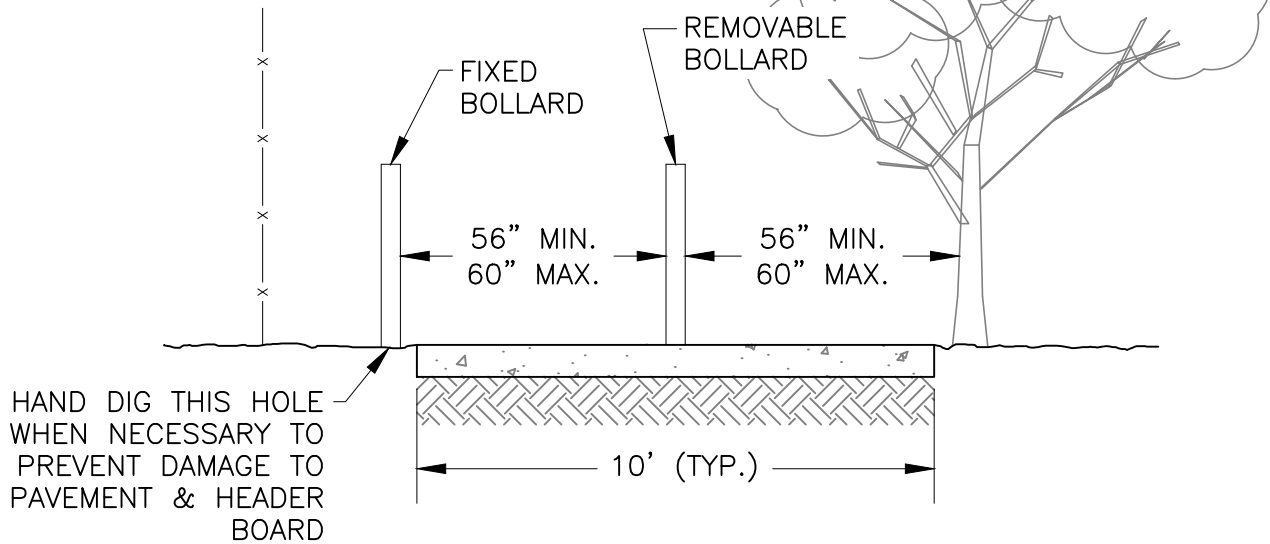
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**BIKE PATH
P.C.C. CONSTRUCTION**

SHEET 3 OF 3 301-7

DESIGN FEATURE TO LIMIT VEHICULAR ACCESS (TREE, ROCK, FENCE, BOLLARD, ETC. A.C. BERM OR CURB ARE NOT CONSIDERED FEATURES THAT LIMIT VEHICULAR ACCESS).



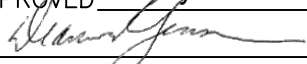
TYPICAL INSTALLATION SHALL BE ONE REMOVABLE BOLLARD IN CENTER OF PATH. PERMANENT BOLLARDS OR OTHER DESIGN FEATURES AT EDGE OF PATH TO PROHIBIT MOTOR VEHICULAR ACCESS. MINIMUM CLEAR SPACE SHALL BE 56" AND MAXIMUM CLEAR SPACE SHALL BE 60".

BOLLARDS SHALL NOT BE PLACED IN BIKE PATH WITHOUT EXPLICIT AUTHORIZATION FROM CITY ENGINEER.

APPROVED BY SAFETY ADVISORY COMMISSION - 3/1/84

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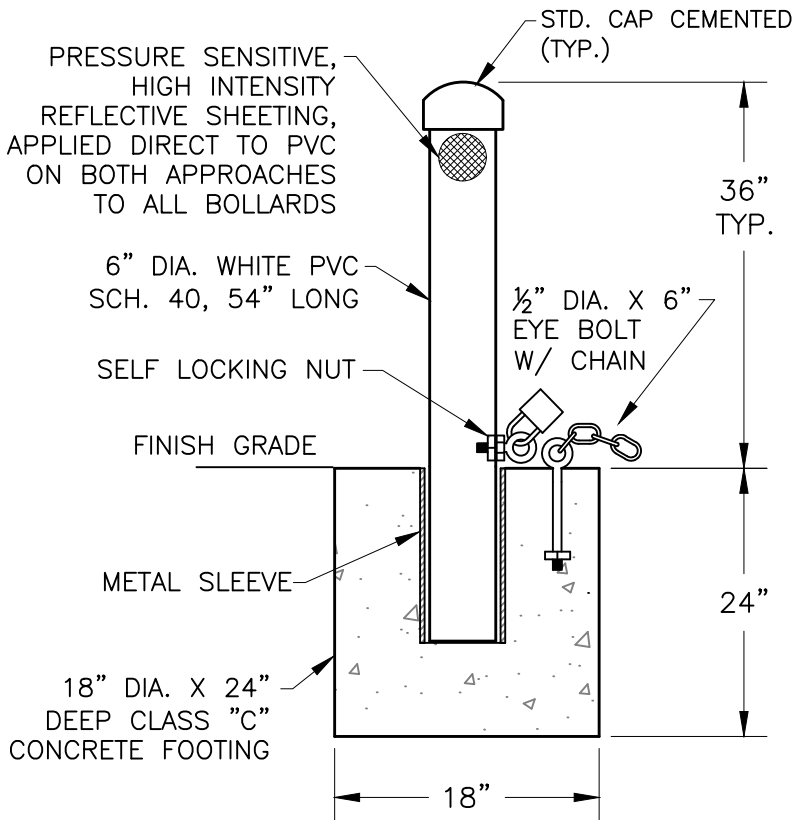
CITY OF DAVIS STANDARD PLAN

APPROVED: July 11 2017

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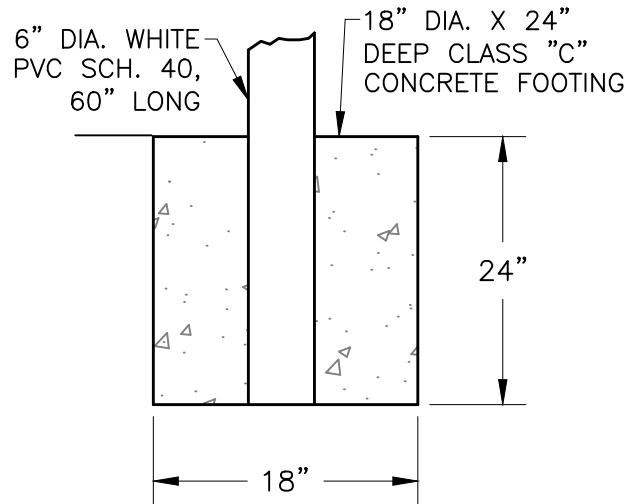
BOLLARD SPACING

SHEET 1 OF 2

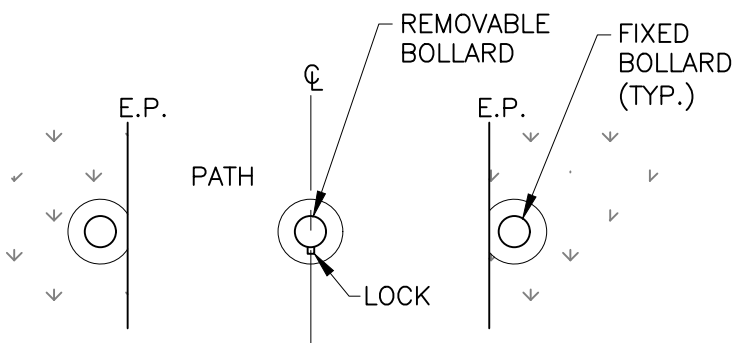
301-8



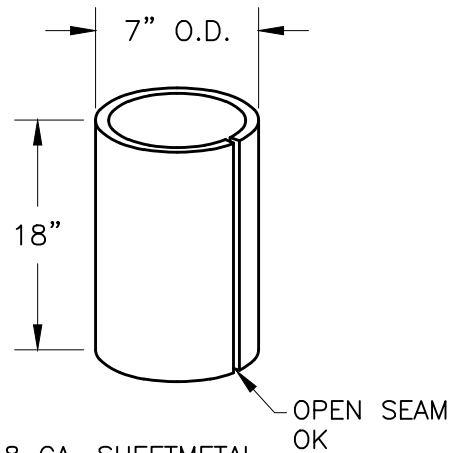
REMOVABLE PVC BOLLARD



FIXED BOLLARD FOOTING



LOCK ALIGNMENT DETAIL



METAL SLEEVE DETAIL FOR REMOVABLE BOLLARD

Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

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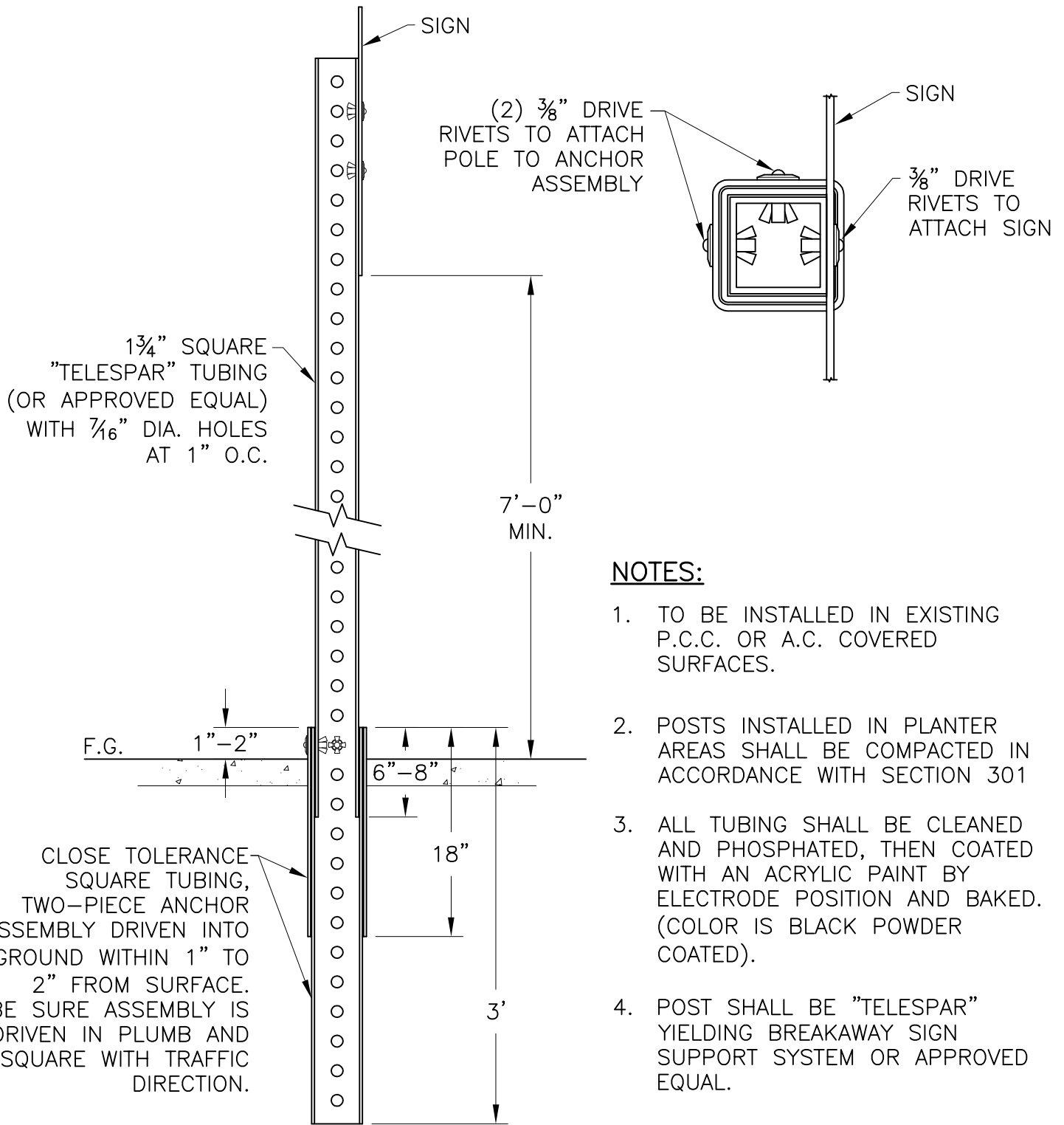
DIANNA R. JENSEN

P.E. No. C-56636

BOLLARD DETAILS

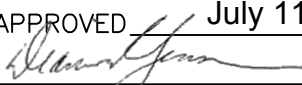
SHEET 2 OF 2

301-8



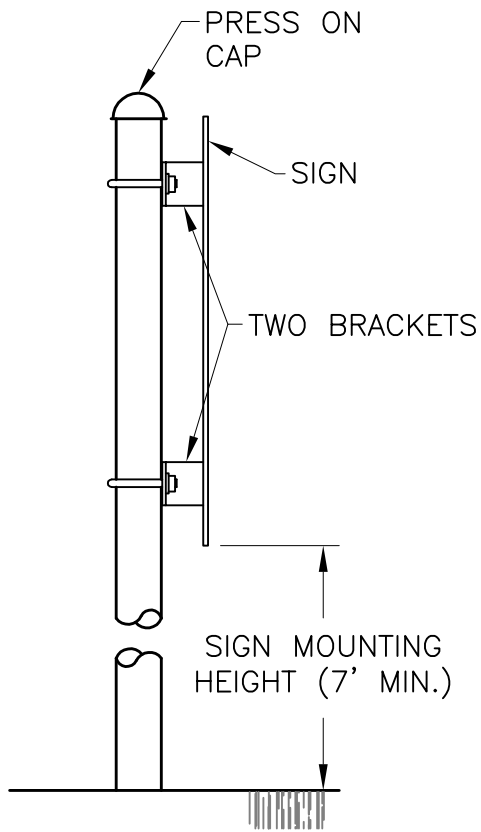
Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

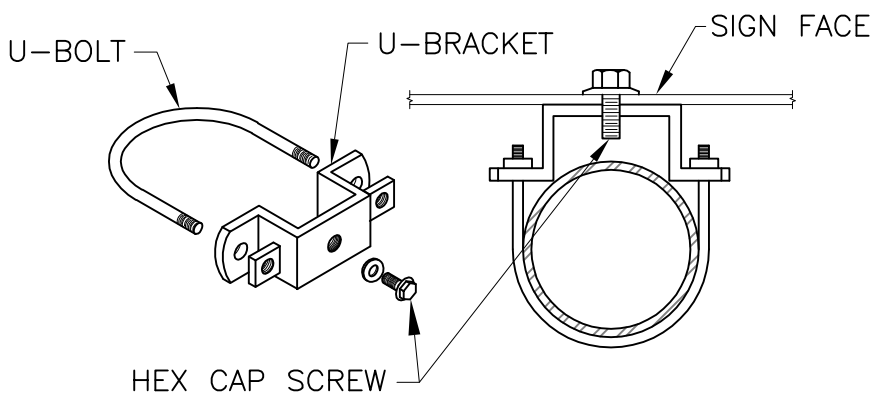
APPROVED July 11 20 17

 DIANNA B. JENSEN
 P.E. No. C-56636

**TRAFFIC SIGNING DETAILS
(SQUARE POST)**

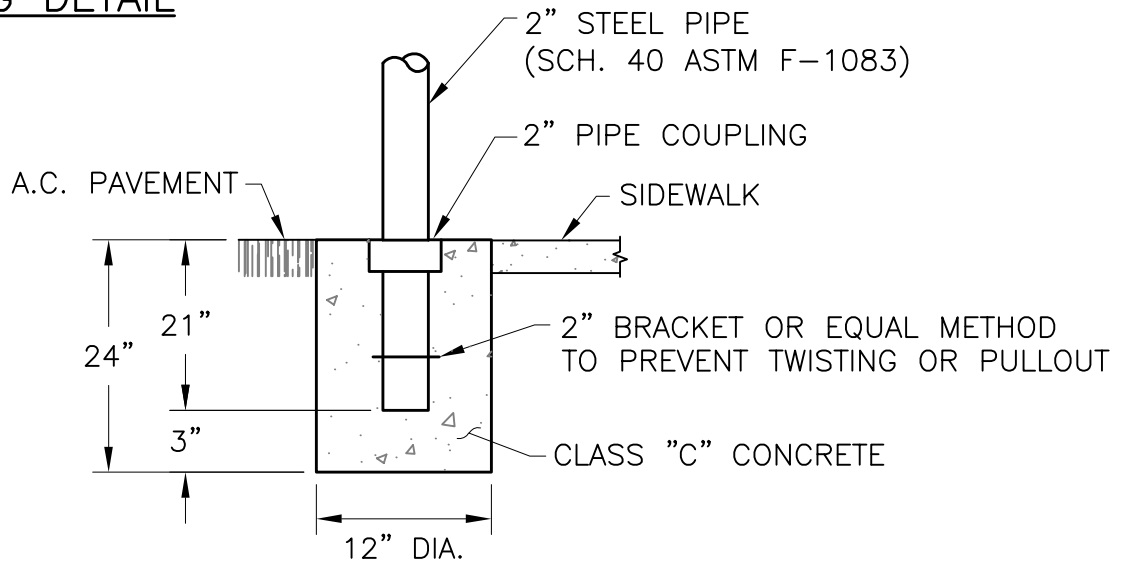
SHEET 1 OF 2 301-9



MOUNTING DETAIL



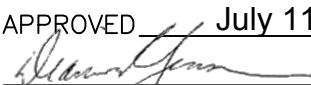
SIGN MOUNTING BRACKET
(SIMI FASTENING SYSTEMS VC252-2 OR EQUAL)



SIGN POLE FOUNDATION

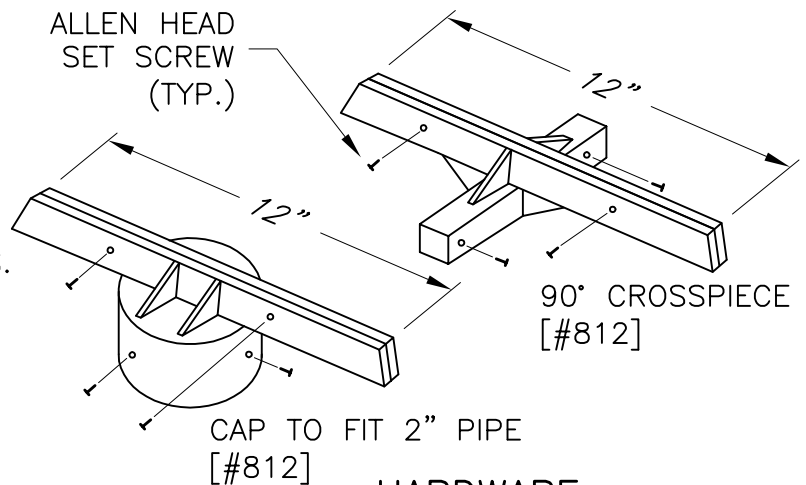
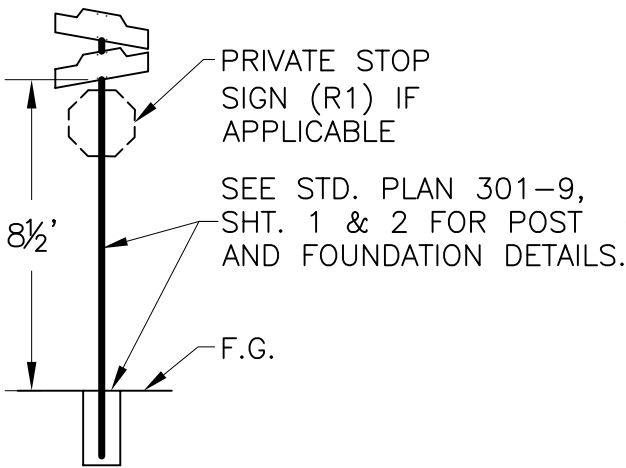
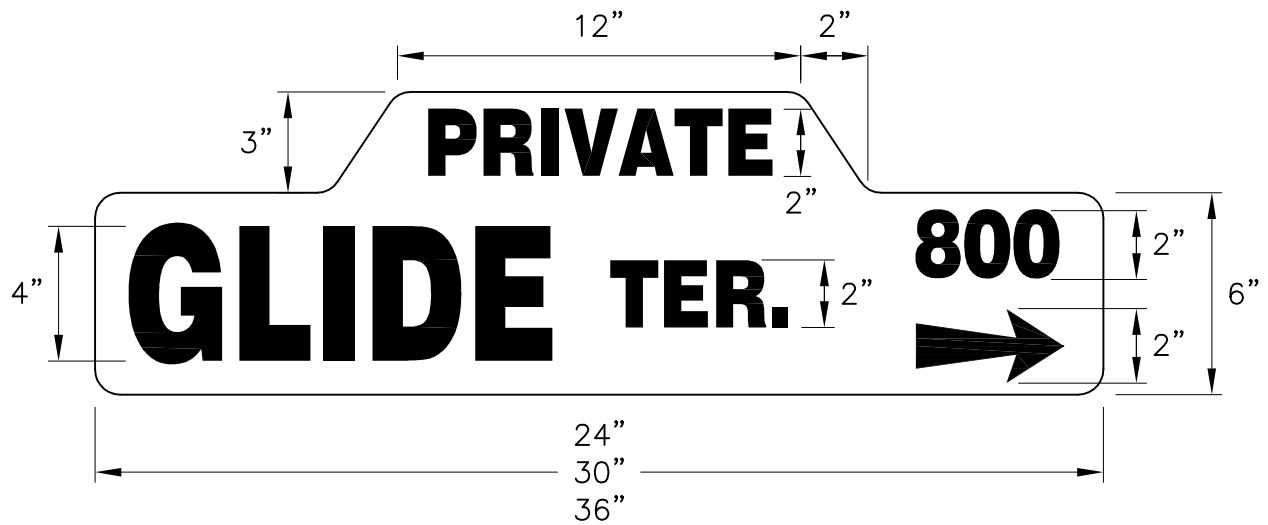
Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

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 P.E. No. C-56636

**TRAFFIC SIGNING DETAILS
(ROUND POST-OPTIONAL)**

SHEET 2 OF 2 301-9



HARDWARE

NOTES:

1. ALL MATERIALS AND FASTENING HARDWARE BY ZAP MANUFACTURING, INC., HEAVY DUTY ALUMINUM, SLOTTED LOCK TYPE.
2. WHITE LETTERS/NUMBERS ON BLUE BACKGROUND.
3. ALL LETTERING TO BE UPPER CASE MONTEREY.
4. SIGNS TO BE DOUBLE FACED.
5. ALL RADII TO BE 3/4".
6. 0.080" THICK ALUMINUM.
7. SIGNS TO BE REFLECTORIZED.
8. [] ZAP MANUFACTURING INC. PART. NUMBER.

Rev.	Description	Date	Rev.	Description	Date

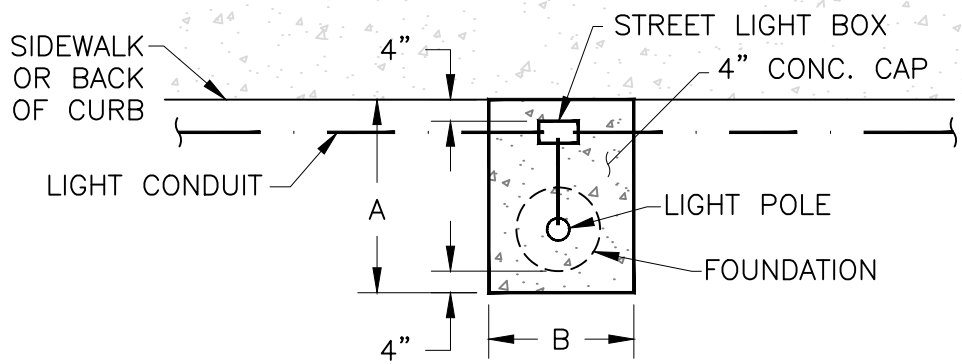
CITY OF DAVIS STANDARD PLAN

APPROVED <u>July 11</u> 20 <u>17</u> DIANNA R. JENSEN P.E. No. C-56636	PRIVATE STREET NAME SIGN DETAILS	SHEET <u>1</u> OF <u>1</u> 301-10
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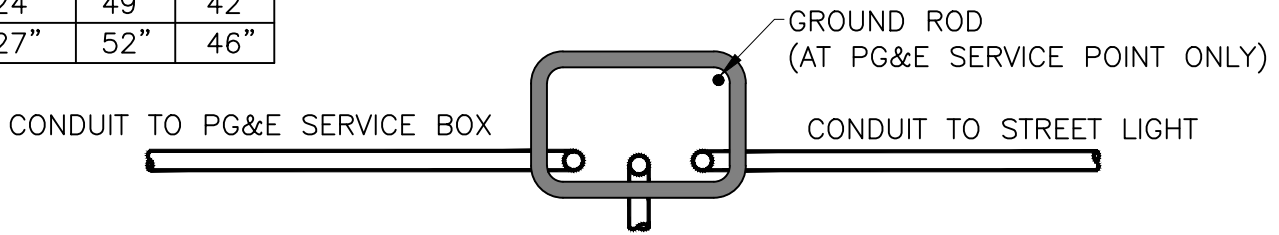
FOUNDATION
SIZE

DIA.	A	B
24"	49"	32"
27"	52"	35"
30"	55"	38"

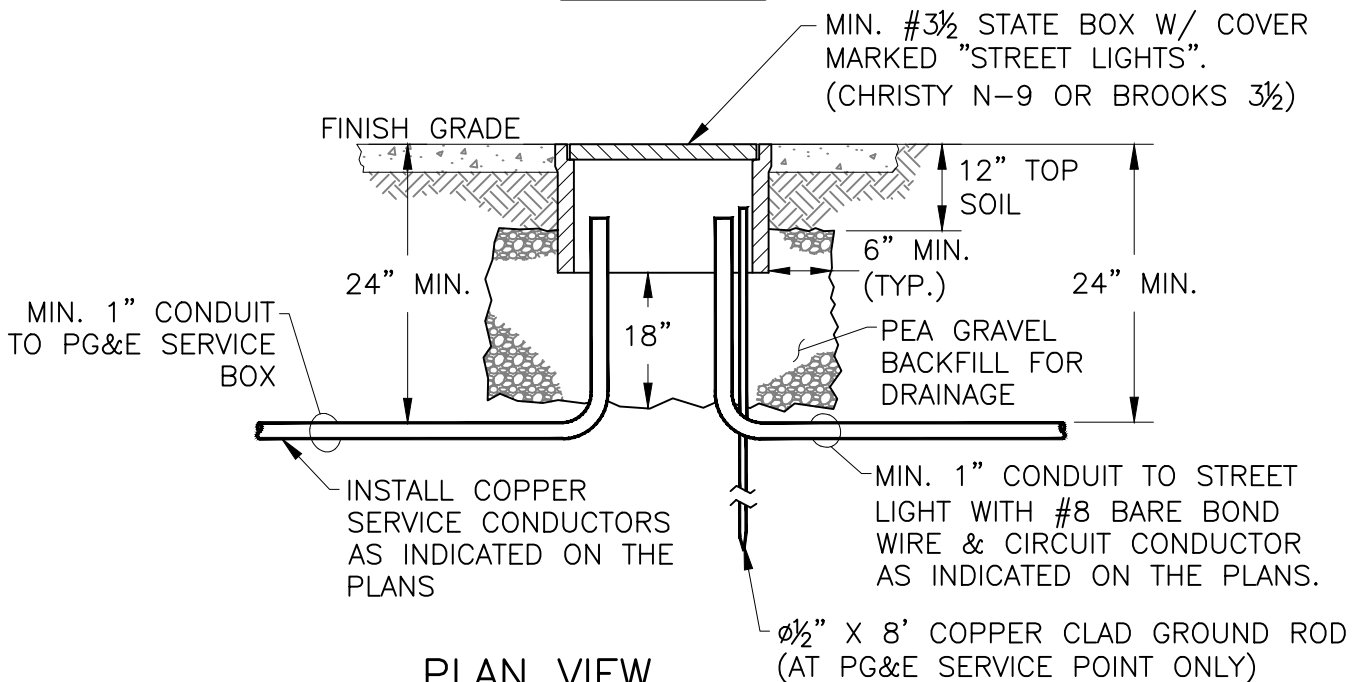
SQ.	A	B
20"	45"	36"
24"	49"	42"
27"	52"	46"



BOX LOCATION AT POLES



TOP VIEW



PLAN VIEW

Rev.	Description	Date	Rev.	Description	Date

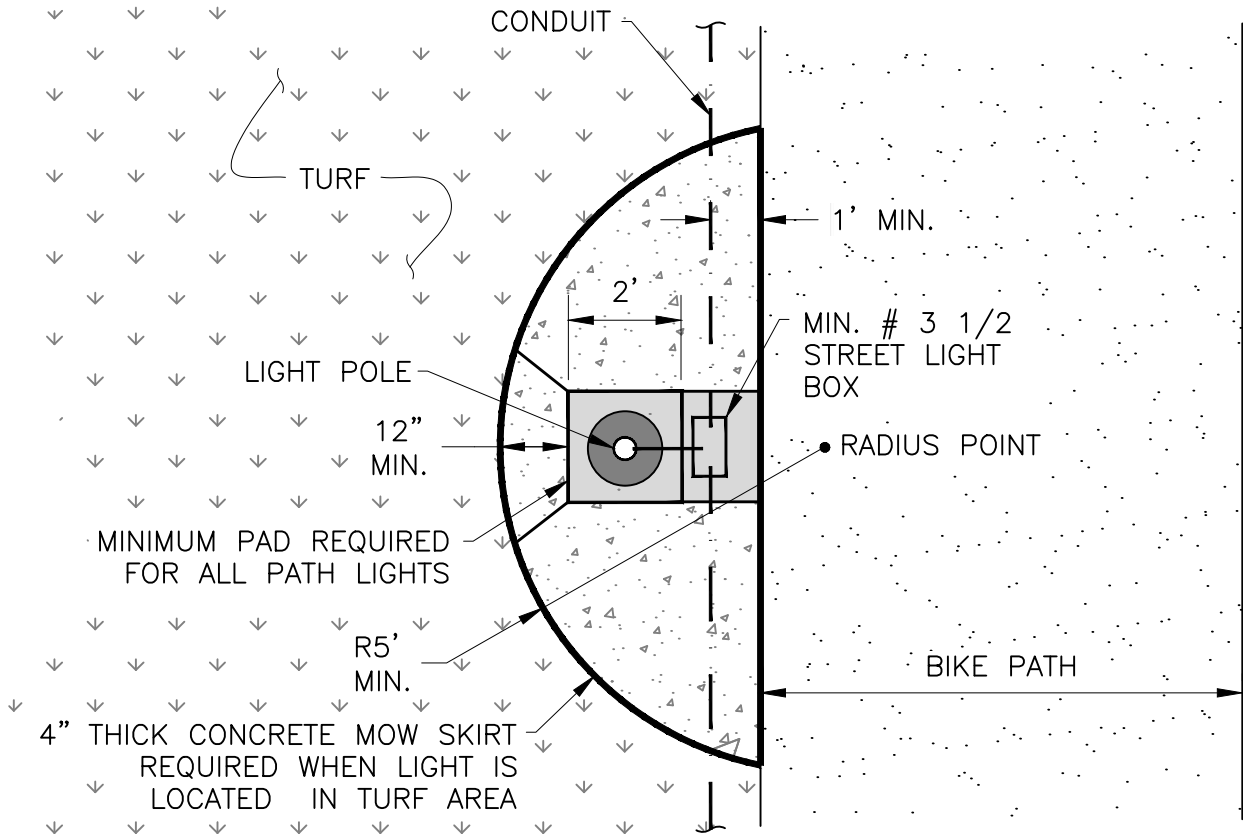
CITY OF DAVIS STANDARD PLAN

APPROVED: July 11 2017

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 P.E. No. C-56636

**SERVICE BOX INSTALLATION AND
 LOCATION DETAILS FOR STREET LIGHTS**

SHEET 1 OF 2 301-11

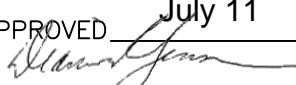


NOTES:

1. SLOPE TO DRAIN AWAY FROM LIGHT AND PULL BOX.
2. SEE PLANS FOR LIGHT LOCATIONS.
3. INSTALL SCORE JOINTS OUT FROM LIGHT FOUNDATION AND PULL BOX AS SHOWN FOR CRACK CONTROL.
4. FINISH TO BE MEDIUM BROOM.

Rev.	Description	Date	Rev.	Description	Date

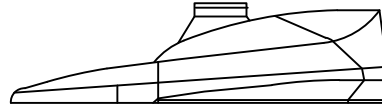
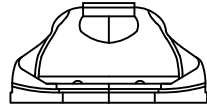
CITY OF DAVIS STANDARD PLAN

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 P.E. No. C-56636

**LOCATION DETAILS FOR
BIKE PATH LIGHTS**

SHEET 2 OF 2

301-11



COBRA HEAD LUMINAIRE

LUMINAIRE DATA

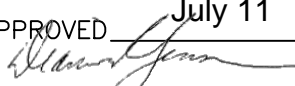
NO. OF LEDs	VOLTS	SYSTEM WATTAGE	DRIVE CURRENT (mA)	NOMINAL COLOR TEMPERATURE	ACCEPTABLE PRODUCTS
20	120	19	270	2,700 K	LEOTEK GreenCobra Jr. #GCJ1-20G-MV-27-2-GY-270-FDC-PCR7-MSL3-CODPATH (PATHWAY LIGHT) OR #GCJ1-20G-MV-27-2-GY-270-FDC-PCR7 OR APPROVED EQUAL

NOTES:

1. FIXTURES MUST OPERATE AT 270 mA, AND HAVE A MINIMUM 7 PIN CONFIGURATION.
2. NON-STREETLIGHTS SHALL HAVE MOTION SENSOR AND PROGRAMMABLE ADAPTIVE LIGHTING CONTROLS.
3. NON-STREETLIGHTS SHALL HAVE LOW SETTING MUST BE LESS THAN 1 W AND HIGH OF 2 W.

Rev.	Description	Date	Rev.	Description	Date

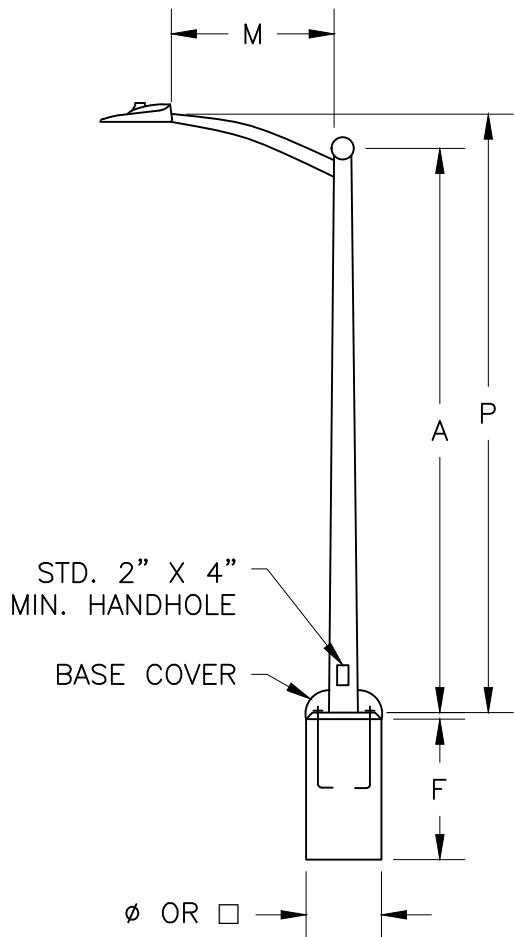
CITY OF DAVIS STANDARD PLAN

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 P.E. No. C-56636

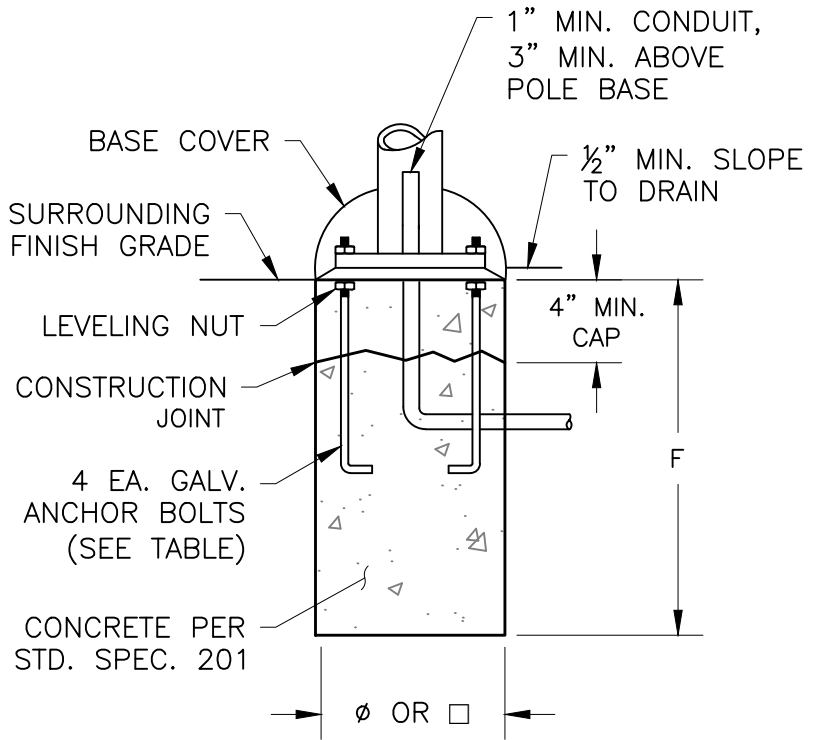
STREET LIGHT LUMINAIRE

SHEET 1 OF 1

301-12



STREET LIGHT

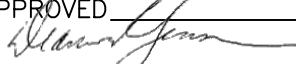


FOUNDATION DETAIL

POLE DATA			ARM	FOUNDATION		ANCHOR BOLTS		
A HEIGHT	P MTG. HGT.	ACCEPTABLE PRODUCTS	M LENGTH	F DEPTH	Ø DIA.	□ SQ.	SIZE	BOLT CIRCLE
25'-0"	26'-0" 26'-3"	VALMONT DS30 7.0A250-6 AMERON A256	6'	3'-4"	24"	20"	1"x36"x4"	10" - 11½"
30'-0" 28'-6"	30'-3" 29'-9"	VALMONT DS30 8.0A300-6 AMERON A286	6'	5'-0"	30"	27"	1"x36"x4"	11" - 11½"

Rev.	Description	Date	Rev.	Description	Date

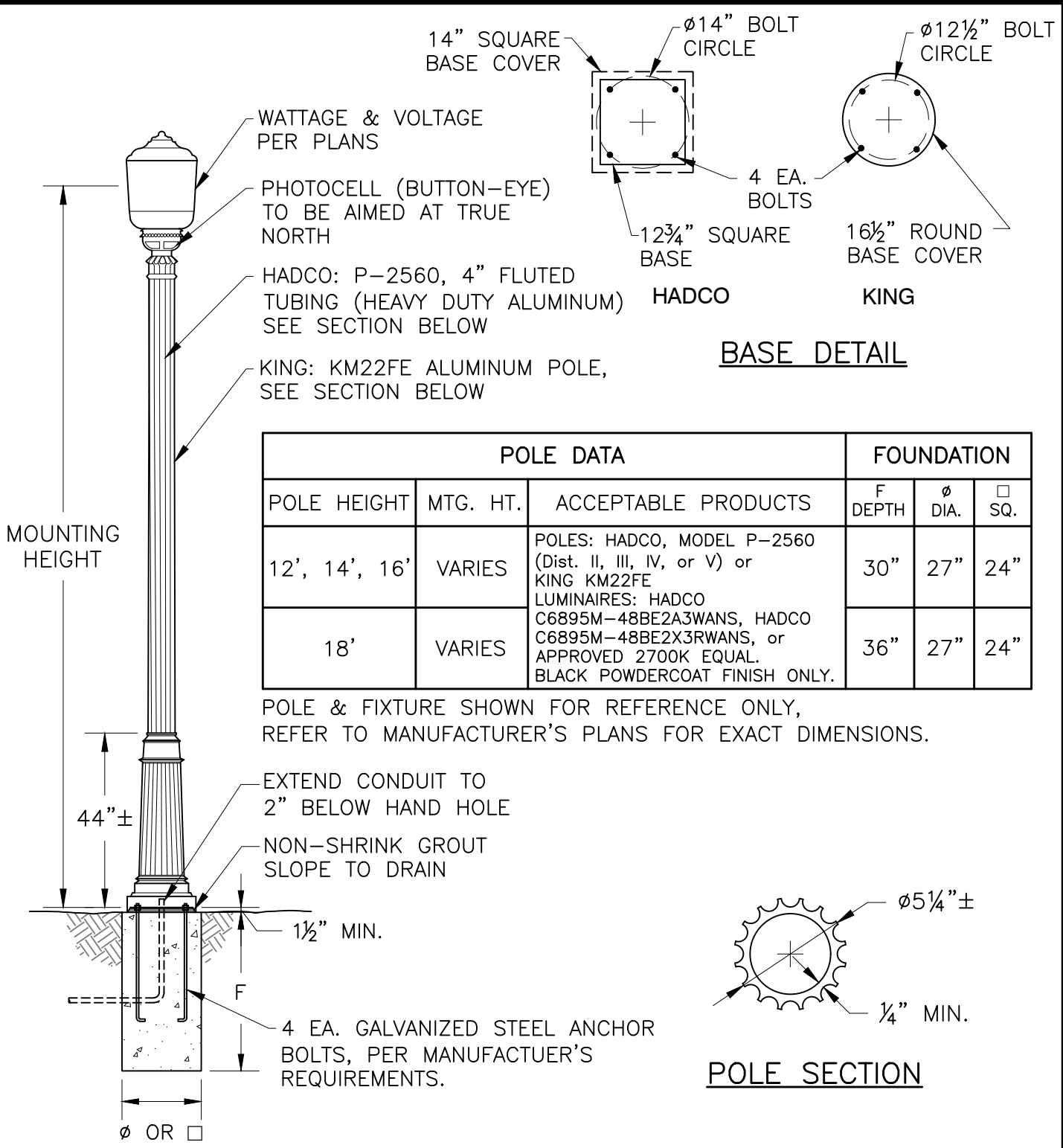
CITY OF DAVIS STANDARD PLAN

APPROVED July 11 17

 DIANNA R. JENSEN
 P.E. No. C-56636

STANDARD STREET LIGHT

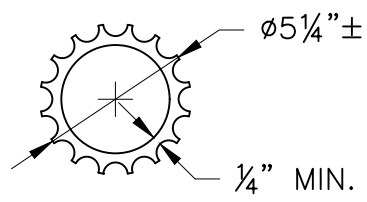
SHEET 1 OF 1

301-13



POLE DATA			FOUNDATION		
POLE HEIGHT	MTG. HT.	ACCEPTABLE PRODUCTS	F DEPTH	Ø DIA.	□ SQ.
12', 14', 16'	VARIABLES	POLES: HADCO, MODEL P-2560 (Dist. II, III, IV, or V) or KING KM22FE LUMINAIRE: HADCO C6895M-48BE2A3WANS, HADCO C6895M-48BE2X3RWANS, or APPROVED 2700K EQUAL. BLACK POWDERCOAT FINISH ONLY.	30"	27"	24"
18'	VARIABLES		36"	27"	24"

POLE & FIXTURE SHOWN FOR REFERENCE ONLY, REFER TO MANUFACTURER'S PLANS FOR EXACT DIMENSIONS.



POLE SECTION

Rev.	Description	Date	Rev.	Description	Date
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CITY OF DAVIS STANDARD PLAN

APPROVED July 11 2017

 DIANNA R. JENSEN
 P.E. No. C-56636

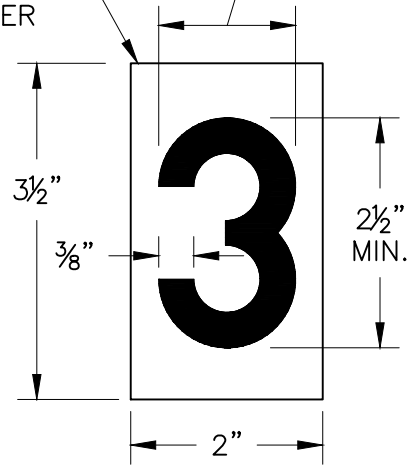
POST TOP STREET LIGHT

SHEET 1 OF 1

301-14

RECTANGULAR PRESS-ON REFLECTORIZED ADHESIVE BACKING WITH BLACK LETTER OR NUMBER

1 3/8" MIN. (EXCEPT '1' & '1')



NUMBER DETAIL

STREET LIGHT NUMBER ASSIGNED BY PG&E (SEE DETAIL)

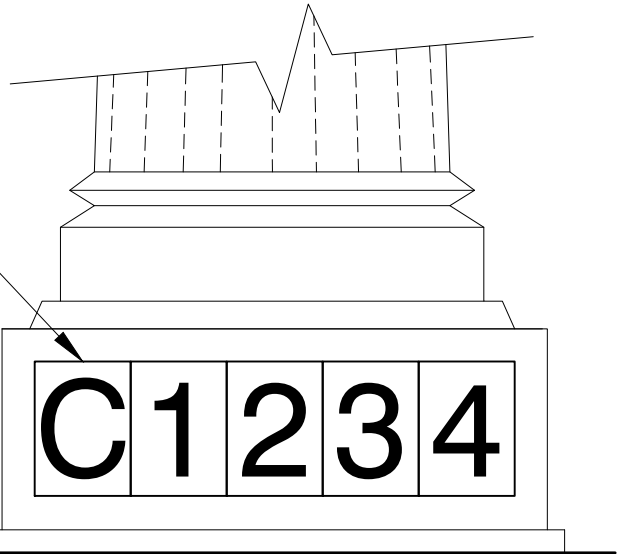
PLACE NUMBERS ON STREET SIDE OF POLE, PERPENDICULAR TO STREET CENTERLINE



8'

PLACE NUMBERS ON STREET SIDE OF POLE.

SIDEWALK OR TOP OF CURB

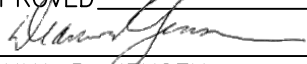


STREET LIGHT POLE

DECORATIVE LIGHT POLE

Rev.	Description	Date	Rev.	Description	Date

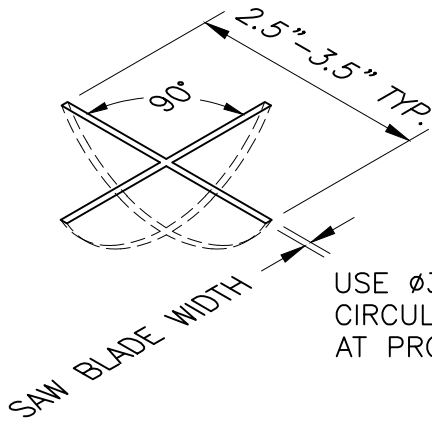
CITY OF DAVIS STANDARD PLAN

APPROVED: July 11 2017

 DIANNA R. JENSEN
 P.E. No. C-56636

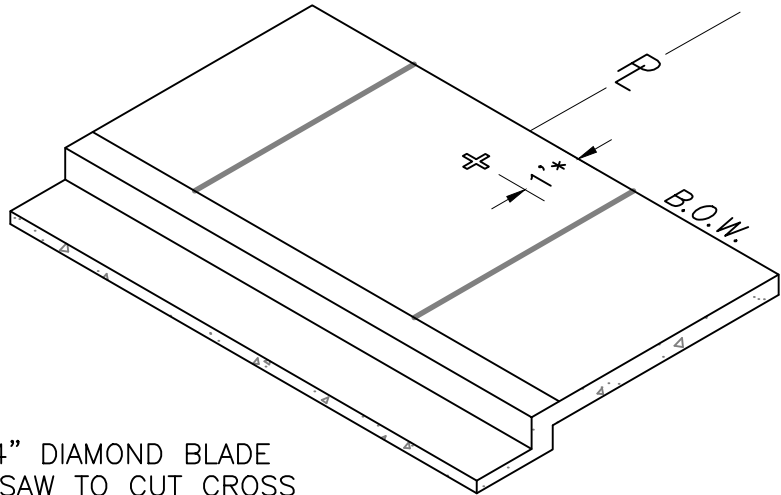
STREET LIGHT NUMBERS

SHEET 1 OF 1

301-15



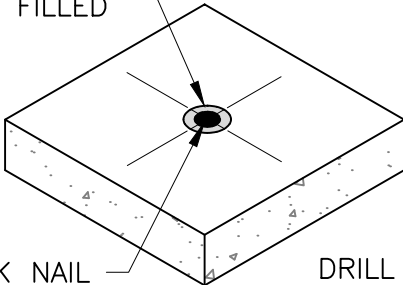
USE ϕ 3"-4" DIAMOND BLADE CIRCULAR SAW TO CUT CROSS AT PROPERTY LINE AS SHOWN



* ALONG EXTENSION OF PROPERTY LINE

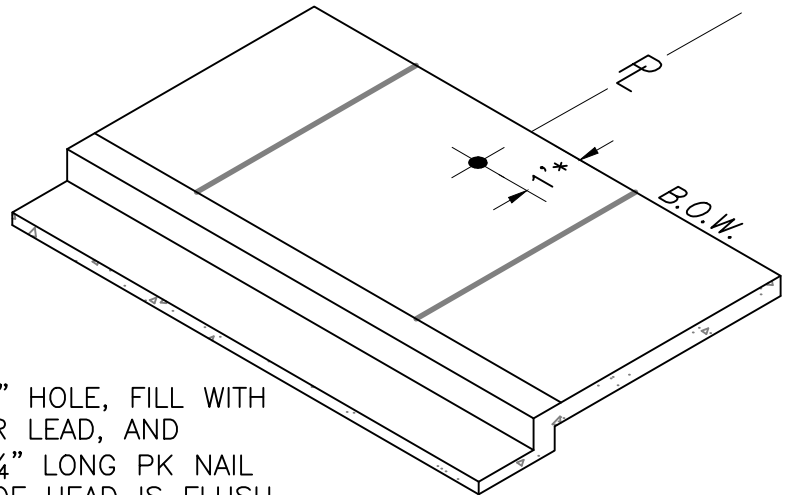
SAW CUT CROSS

$\frac{3}{8}$ " HOLE, EPOXY FILLED



PK NAIL

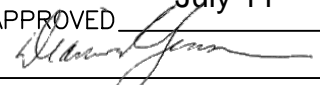
DRILL ϕ $\frac{3}{8}$ " HOLE, FILL WITH EPOXY OR LEAD, AND INSTALL $\frac{3}{4}$ " LONG PK NAIL SO TOP OF HEAD IS FLUSH WITH WALK



NAIL SET IN EPOXY OR LEAD

Rev.	Description	Date	Rev.	Description	Date
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CITY OF DAVIS STANDARD PLAN

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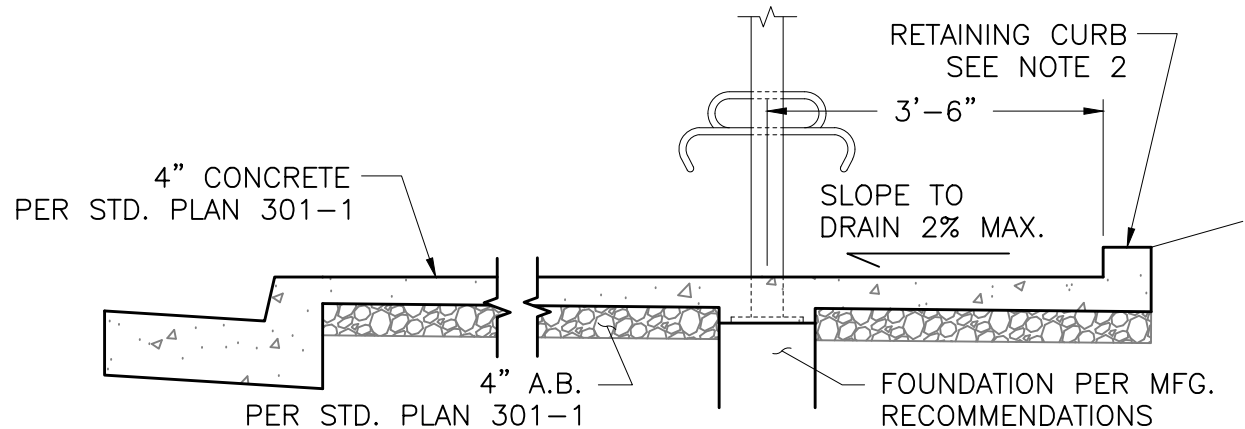
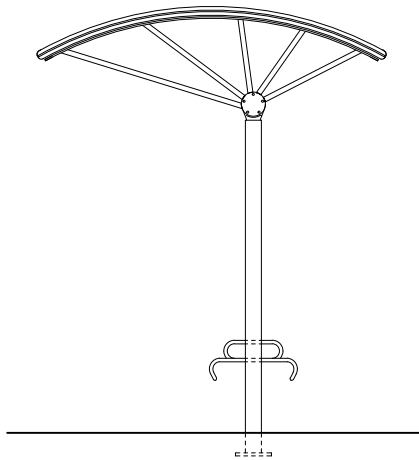
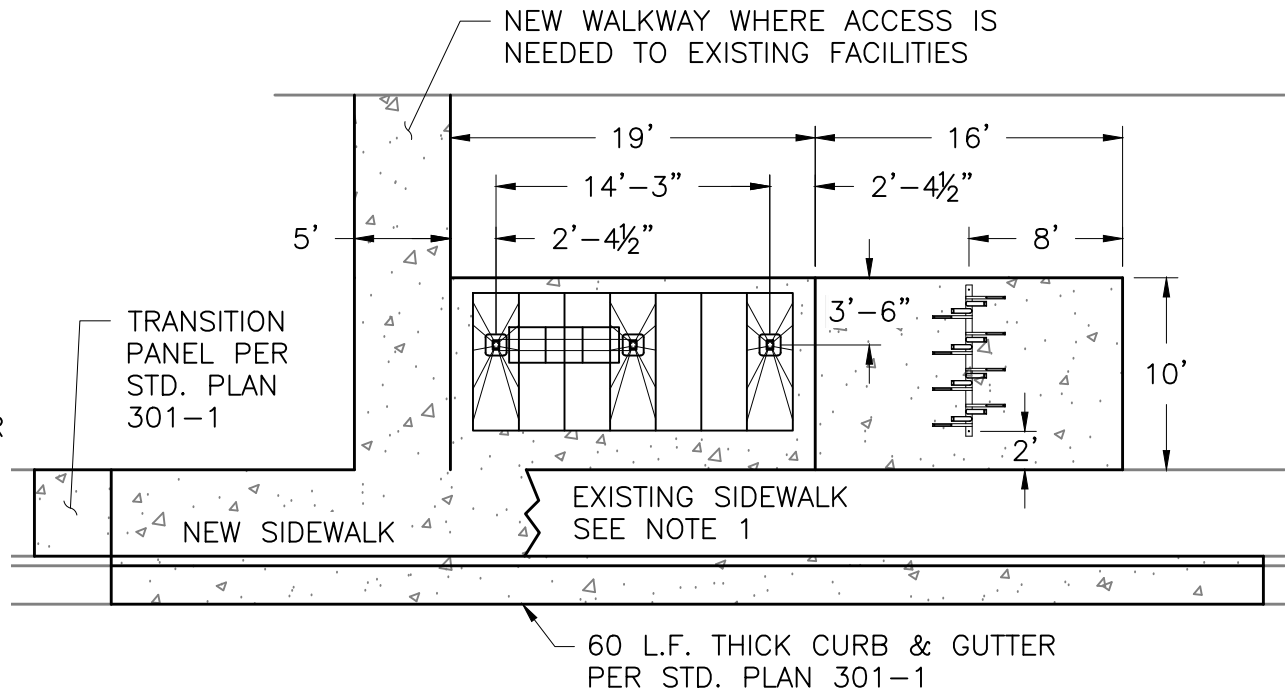
PROPERTY CORNER MARKER

SHEET 1 OF 1

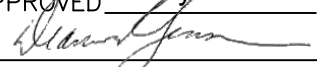
301-16

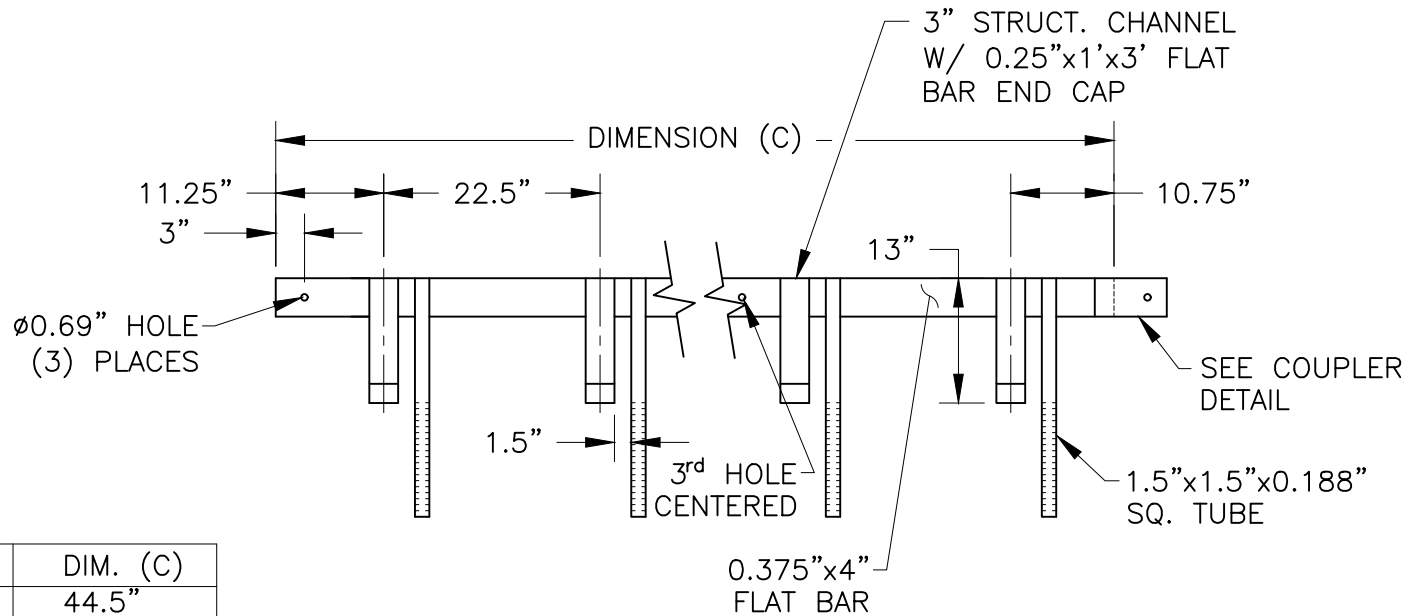
NOTES:

1. EXISTING SIDEWALK (OR BIKEPATH) MAY BE INCORPORATED IN DESIGN ONLY IF THERE ARE NO CRACKS AND CROSS-SLOPE IS LESS THAN 2% AT ALL PLACES.
2. RETAINING CURB IS ONLY REQUIRED WHERE ADJACENT GROUND IS HIGHER THAN TOP OF WALK.
3. SHELTER SHALL BE LANDSCAPE FORMS 'KALEIDOSCOPE OS', NUMBER OF BAYS PER DESIGN (2 SHOWN)
4. BIKE RACK WHERE INDICATED SHALL BE CREATIVE PIPE 'LIGHTNING BOLT LR SERIES'



Rev.	Description	Date

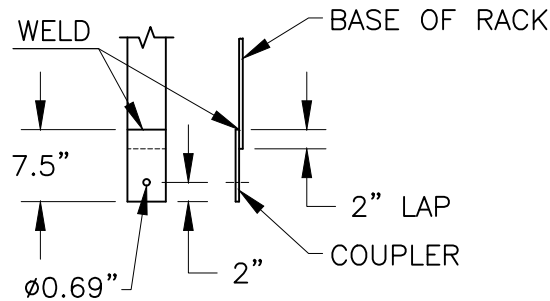
CITY OF DAVIS STANDARD PLAN	
APPROVED <u>July 11</u> 20 <u>17</u>  DIANNA R. JENSEN P.E. No. C-56636	BUS STOP SHELTER
SHEET <u>1</u> OF <u>1</u>	301-17



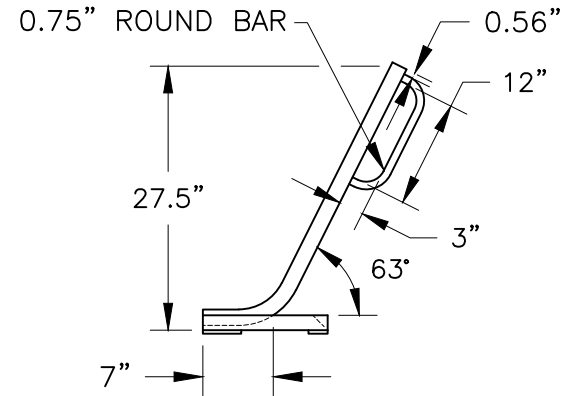
MODEL #	DIM. (C)
LR-P-2	44.5"
LR-P-3	67.0"
LR-P-4	89.5"
LR-P-5	112.0"

TOP VIEW

WHEN CONNECTING TWO OR MORE UNITS TOGETHER, A COUPLER IS WELDED ON THE SHORT END OF THE CONNECTING RACK. THIS WILL ELIMINATE THE END HOLE ONLY ON THE CONNECTING RACK. WHEN BOLTED TOGETHER A MAX. SPACE OF A 1/2" IS HELD BETWEEN THE CONNECTING RACKS.



COUPLER DETAIL



SIDE VIEW

CITY OF DAVIS STANDARD PLAN

**BICYCLE RACK LR SERIES
LR-P**

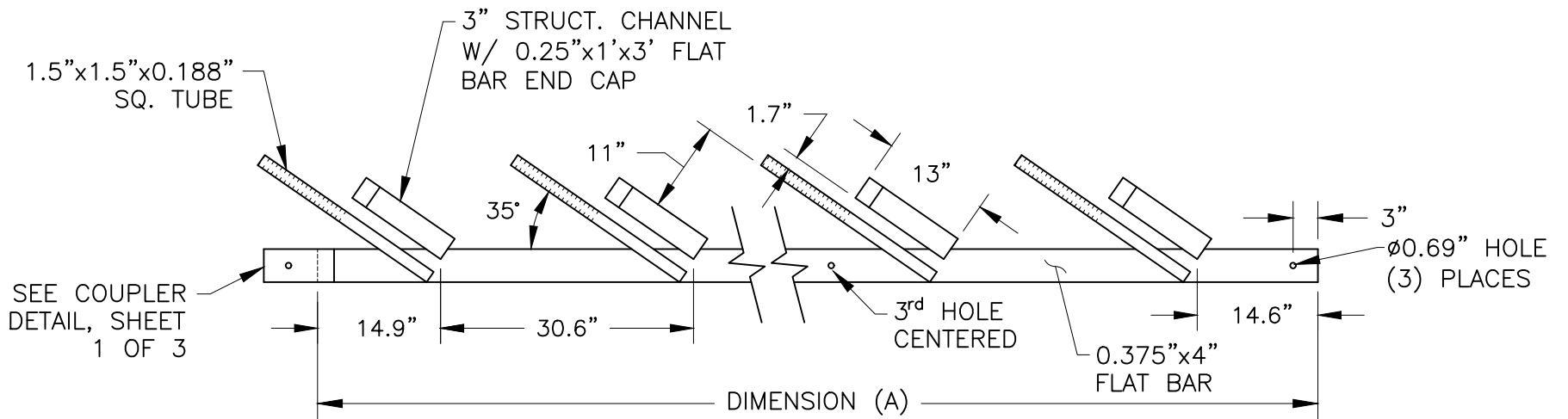
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 P.E. No. C-56636

SHEET 1 OF 3

301-19

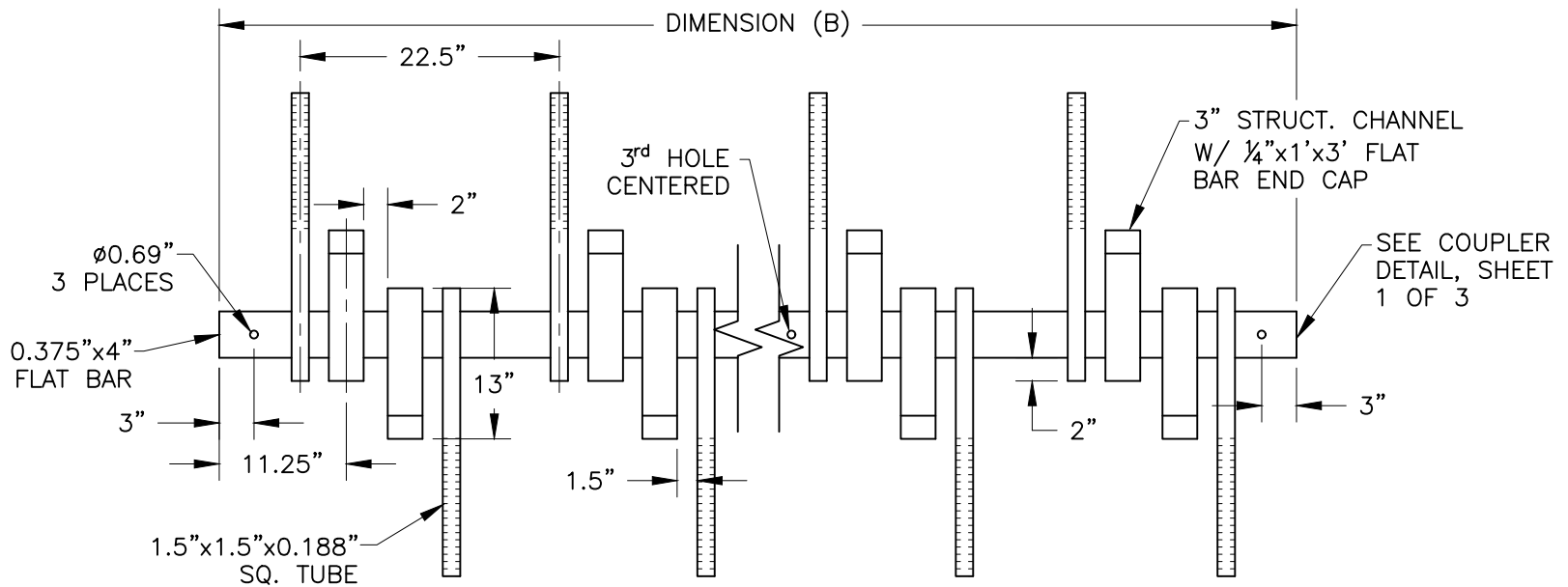
Rev. Description Date



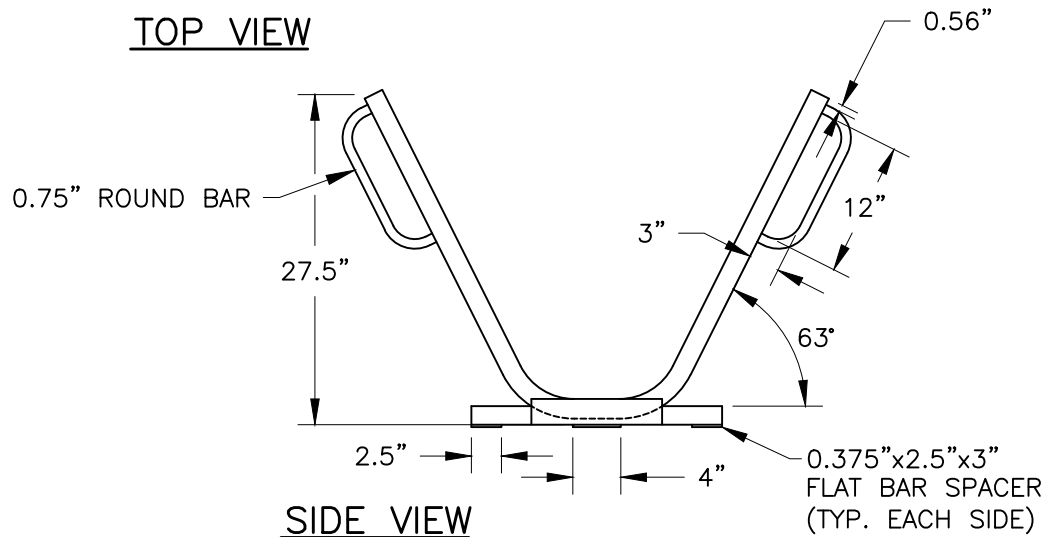
TOP VIEW

MODEL #	DIM. (A)
LR-D-2	59.5"
LR-D-3	89.5"
LR-D-4	119.5"

			CITY OF DAVIS STANDARD PLAN	
			BICYCLE RACK LR SERIES LR-D	
			APPROVED <u>July 11</u> 20 <u>17</u> <i>Dianna R. Jensen</i>	
			DIANNA R. JENSEN P.E. No. C-56636	
Rev.	Description	Date	SHEET <u>2</u> OF <u>3</u>	301-19



TOP VIEW



SIDE VIEW

MODEL #	DIM. (B)
LR-XP-2	27.0"
LR-XP-4	49.5"
LR-XP-6	72.0"
LR-XP-8	94.5"

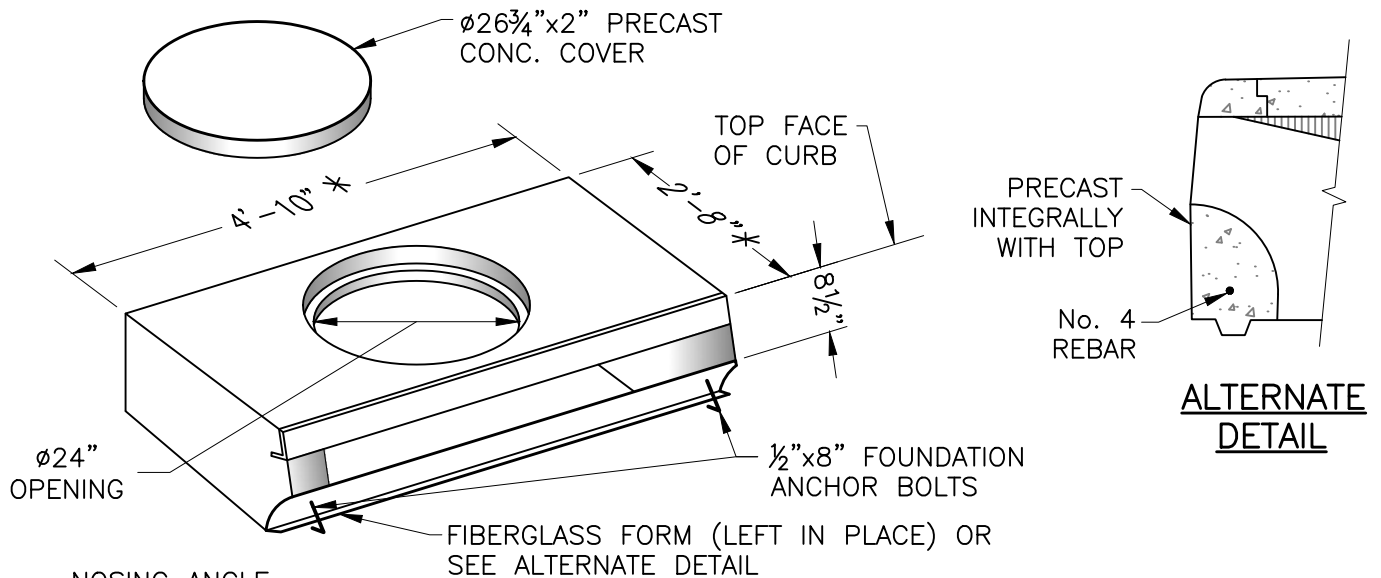
CITY OF DAVIS STANDARD PLAN

APPROVED July 11 2017
Dianna R. Jensen
 DIANNA R. JENSEN
 P.E. No. C-56636

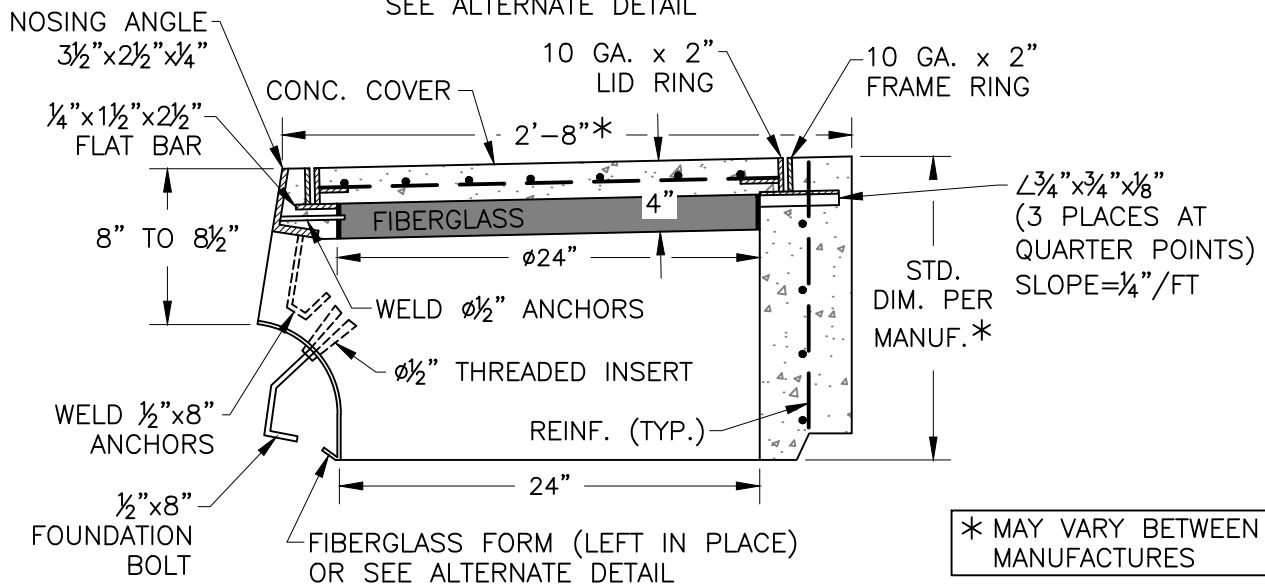
BICYCLE RACK LR SERIES
 LR-XP

Rev. Description Date

SHEET 3 OF 3 301-19



ALTERNATE DETAIL



SECTION AT MIDPOINT

NOTES:

1. ALL METAL PARTS SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION PER ASTM 123.
2. ALL REINFORCING 4x4 W2.9xW2.9 WWF PER ASTM 185.
3. ALL DROP INLET TOPS SHALL BE PRECAST.
4. APPROVED TOPS ARE OLD CASTLE PRECAST CHRISTY U37.

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CITY OF DAVIS STANDARD PLAN

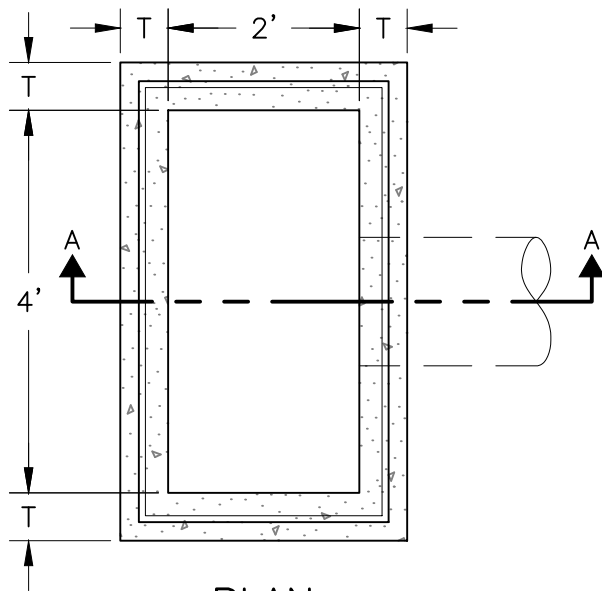
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 P.E. No. C-56636

DROP INLET TOP DETAIL

SHEET 1 OF 4

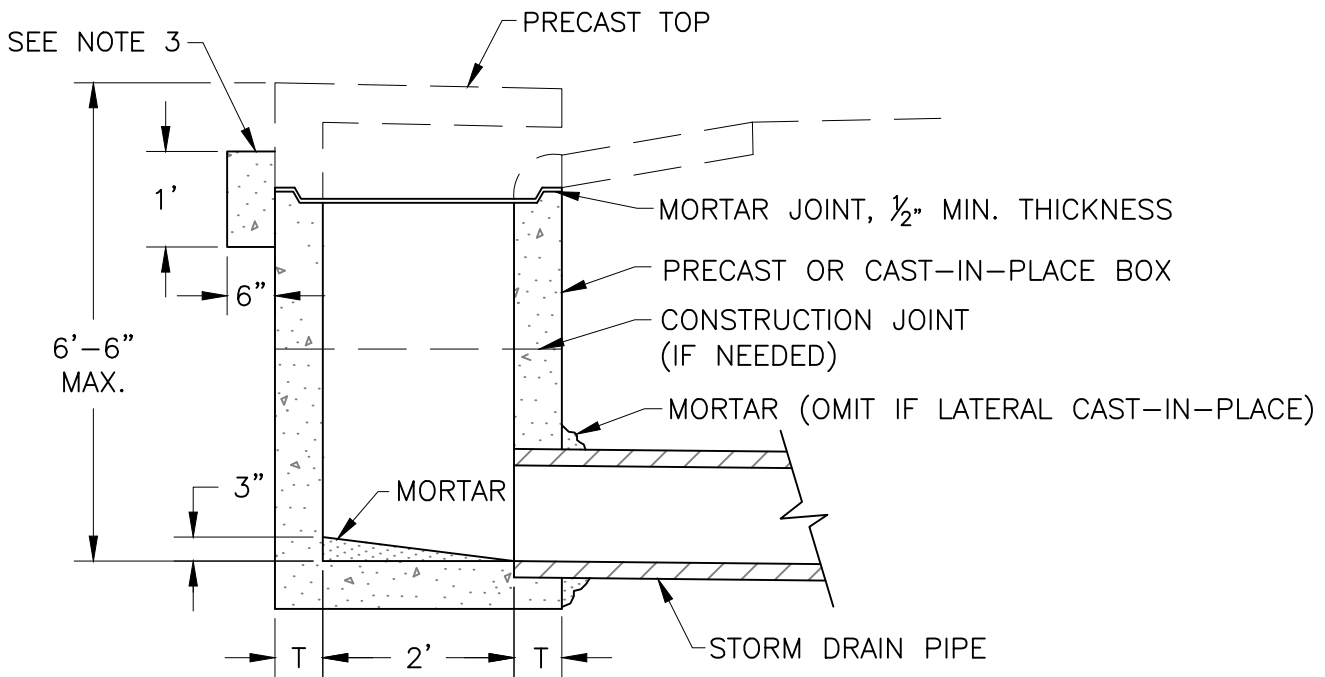
401-1



PLAN

NOTES:

1. "T" FOR PRECAST SHALL BE 5",
"T" FOR CAST-IN-PLACE SHALL BE 6" MIN.
2. APPROVED PRECAST BASES ARE NO-MARK SR CAST CHRISTY U36, REINFORCED WITH 4x4-W4-WWF.
3. PLACE CONCRETE COLLAR AT JOINT BETWEEN TOP & BASE IN AREAS WHERE THERE IS NO CONTIGUOUS SIDEWALK.



SECTION A-A

Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

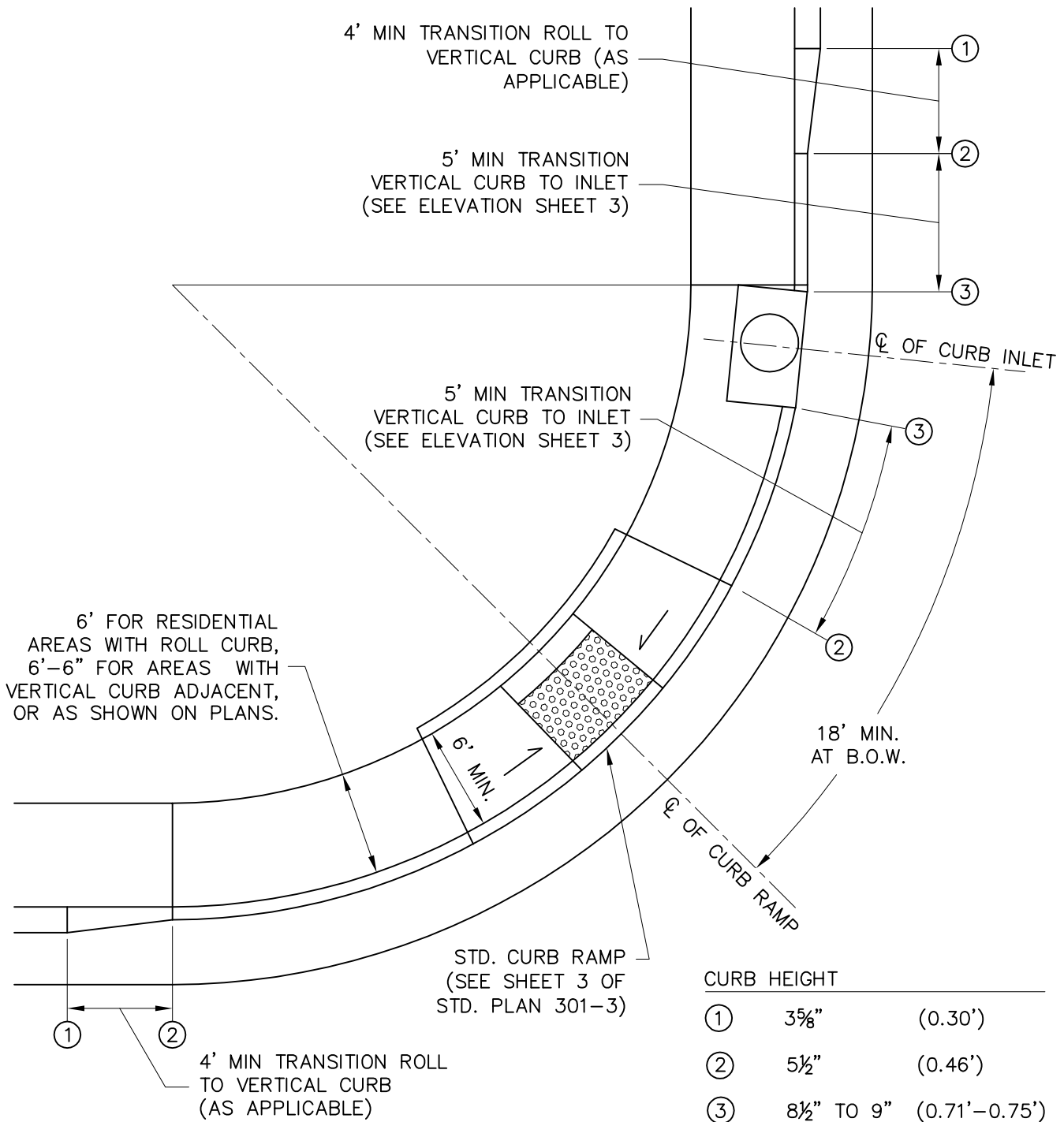
APPROVED July 11 2017

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**DROP INLET
 BASE DETAIL**

SHEET 2 OF 4

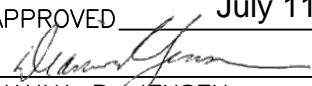
401-1



CURB HEIGHT		
①	3 ⁵ / ₈ "	(0.30')
②	5 ¹ / ₂ "	(0.46')
③	8 ¹ / ₂ " TO 9"	(0.71'-0.75')

Rev.	Description	Date	Rev.	Description	Date

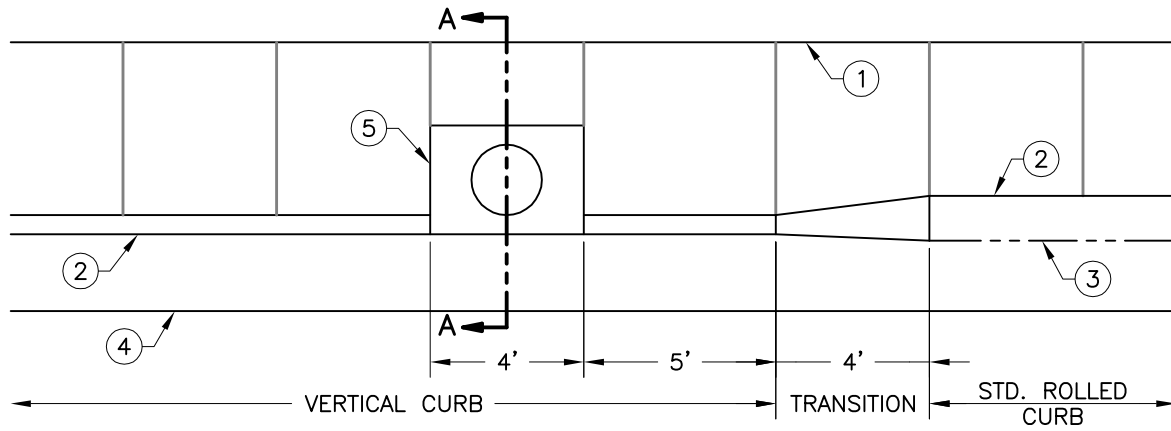
CITY OF DAVIS STANDARD PLAN

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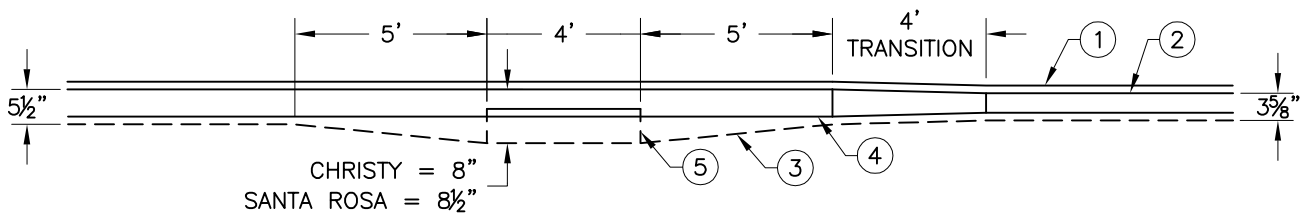
**CURB INLET AND
 CURB RAMP AT CORNER**

SHEET 4 OF 4

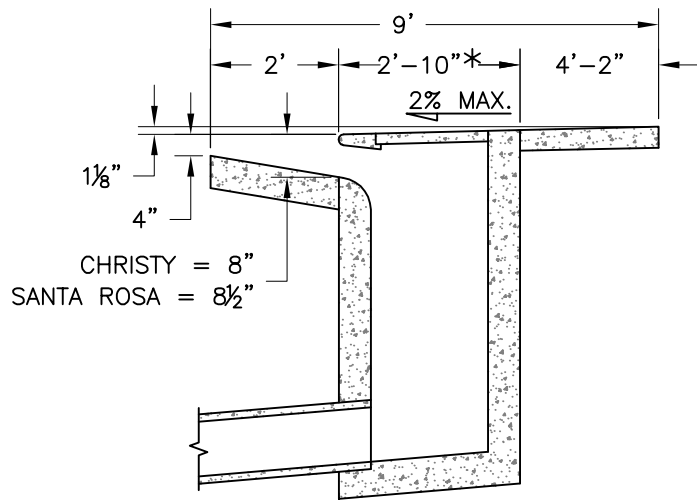
401-1



PLAN VIEW



ELEVATION



* MAY VARY BETWEEN MANUFACTURES

KEY

- 1. BACK OF WALK
- 2. TOP OF CURB
- 3. FLOW LINE
- 4. GUTTER LIP
- 5. CURB INLET

SECTION A-A

Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

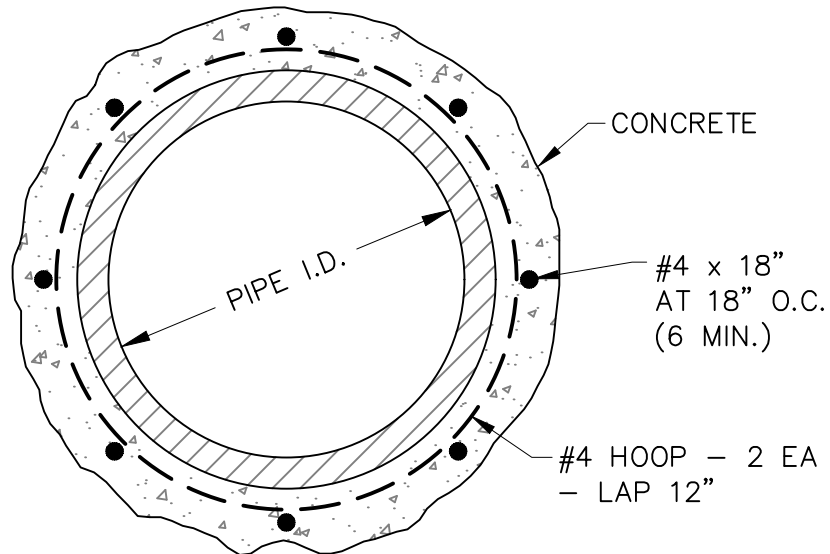
APPROVED July 11 20 17

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 P.E. No. C-56636

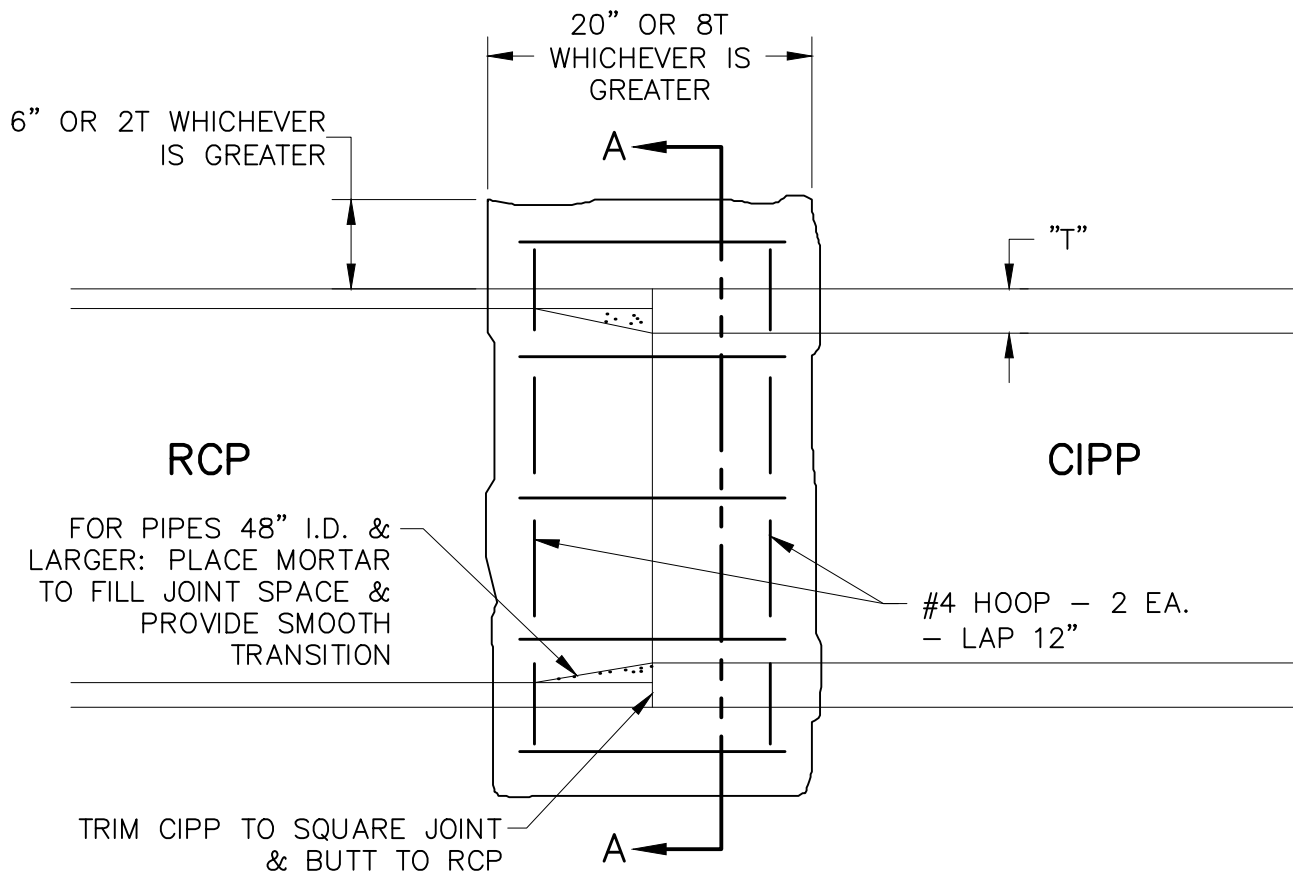
**DROP INLET - CURB TRANSITION
 (ROLLED TO VERTICAL)**

SHEET 3 OF 4

401-1



SECTION A-A



Rev.	Description	Date	Rev.	Description	Date

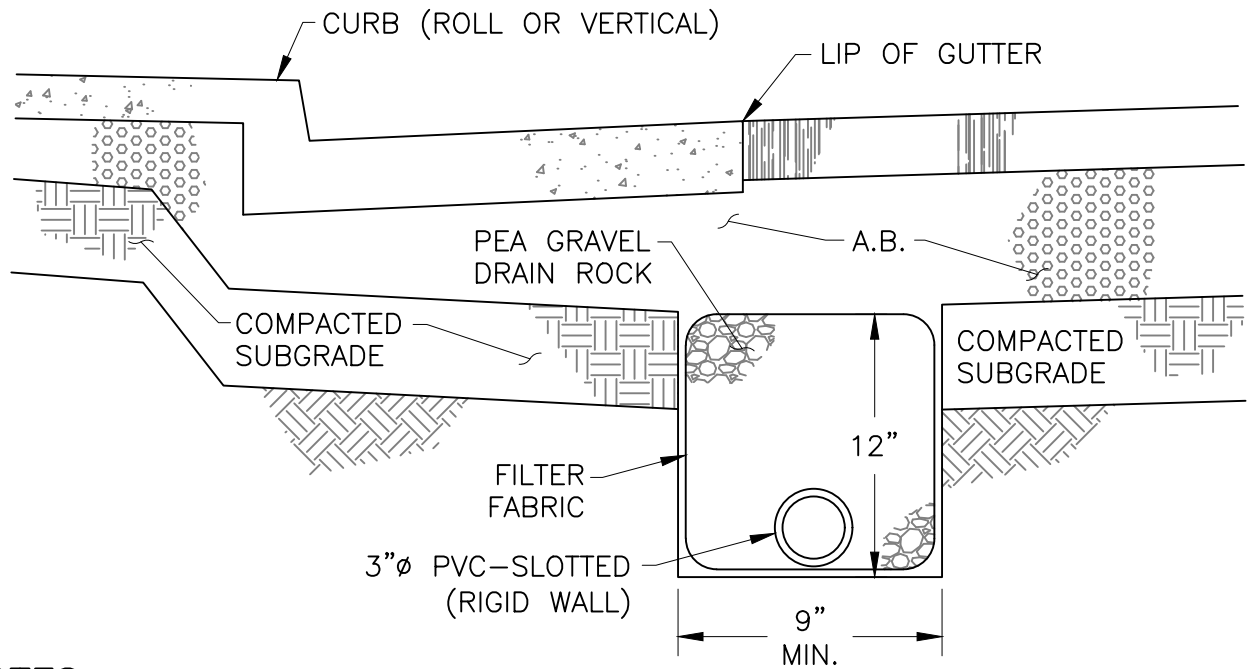
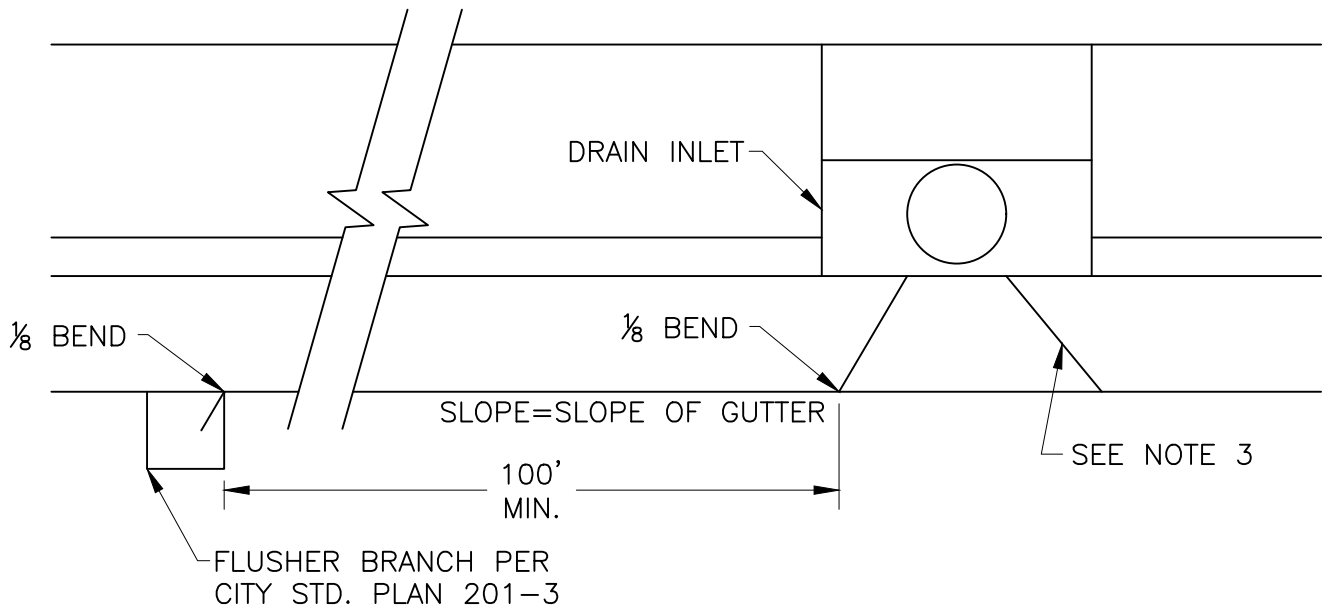
CITY OF DAVIS STANDARD PLAN

APPROVED July 11 2017
Dianna R. Jensen
 DIANNA R. JENSEN
 P.E. No. C-56636

CONCRETE COLLAR FOR JOINING RCP & CIPP

SHEET 1 OF 1

401-2



NOTES:

1. TO BE USED IN LOCATIONS AS DIRECTED BY CITY ENGINEER.
2. INSTALL AFTER ALL OTHER UNDERGROUND UTILITIES ARE COMPLETED.
3. IF DRAIN INLET IS LOW POINT, UNDERDRAIN IS REQUIRED ON BOTH SIDES.

Rev.	Description	Date	Rev.	Description	Date

CITY OF DAVIS STANDARD PLAN

APPROVED July 11 2017

 DIANNA R. JENSEN
 P.E. No. C-56636

STREET UNDERDRAIN

SHEET 1 OF 1

401-3