

306-1.2 Installation of Pipe

Add the following:

Where any portion of the sewer is located within ten feet of any tree (measured horizontally from the center line of the sewer to the center of the tree), the removal of which is not included in the Contract for the sewer improvements, the joints of the pipe shall be wrapped with Bio-Barrier® or a root herbicide product to prevent root intrusion. No additional compensation shall be allowed for this encasement when required on the basis of the forgoing.

Sanitary sewer lines, house laterals and domestic water supply mains separated by less than 10 feet horizontally, measured from outside of pipes, shall be installed in accordance with Detail Drawing Nos. S-3 and S-4.

Sanitary sewer lines and house laterals that cross domestic water supply mains shall be installed in accordance with Detail Drawing Nos. S-3 and S-4.

306-1.2.1 Bedding

Add the following:

The backfill and bedding zones and compaction requirements shall be as shown on the Plans and Detail Drawing Nos. S-2 and S-7. Place material in the trench simultaneously on each side of the pipe for the full width of the trench and the depth of the pipe zone in layers 6 inches in depth. Each layer shall be thoroughly compacted by tamping or, where the material is sufficiently granular in nature as determined by the Engineer, by water settling. In all cases, backfilling of the pipe zone must be done by hand. Particular attention shall be given to the underside of the pipe and fittings to provide a firm support along the full length of the pipe. The pipe zone shall be considered to extend 12 inches above the top of the pipe and shall be compacted in the trench such that there will be obtained a compaction of not less than 85 percent of maximum dry density at the optimum moisture content.

306-1.2.2 Pipe Laying

Add the following paragraphs:

Any underground pipeline construction in that area south and/or east of the Coachella Canal and south of Highway 111, east of Washington Street, or as

specified in the Plans or these Specifications shall be subject to the following conditions:

a. Ductile iron pipe, all fittings, valves and other steel or iron appurtenances shall be protected with polyethylene encasements in accordance with these Specifications.

306-1.2.6 Field Jointing of Cast Iron Pipe

Change the heading to read:

306-1.2.6 Field Jointing of Ductile Iron Pipe

306-1.4 Testing Pipelines

306-1.4.5 Water Pressure Test

Add the following:

C = 0.50 for ductile iron pipe with mechanical or rubber gasket joint.

306-1.5 Trench Resurfacing

306-1.5.2 Permanent Resurfacing

Delete the first paragraph and add the following:

Trench resurfacing shall be subject to the requirements of the governing encroachment permits. Private streets and alleys shall be reconstructed by the Contractor to the same dimensions and with the same type of materials used in the original work.

306-1.6 Basis of Payment for Open Trench Installations

Delete this Subsection.

306-2 JACKING OPERATIONS

306-2.1 General

Delete the sixth paragraph.

306-6 REMODELING EXISTING SEWER FACILITIES

Add the following:

The Contractor shall provide all necessary bypasses at Contractor's expense. The Contractor shall submit for approval for the Engineer a proposed method of bypassing for each case not detailed on the Plans or specification.

Existing sewers intercepted by a new sewer shall be maintained in service, or bypassed, until authority to connect to the new sewer is granted by the Engineer. Such authority is contingent upon final inspection and acceptance of all new sewer construction, downstream from the required point of connection.

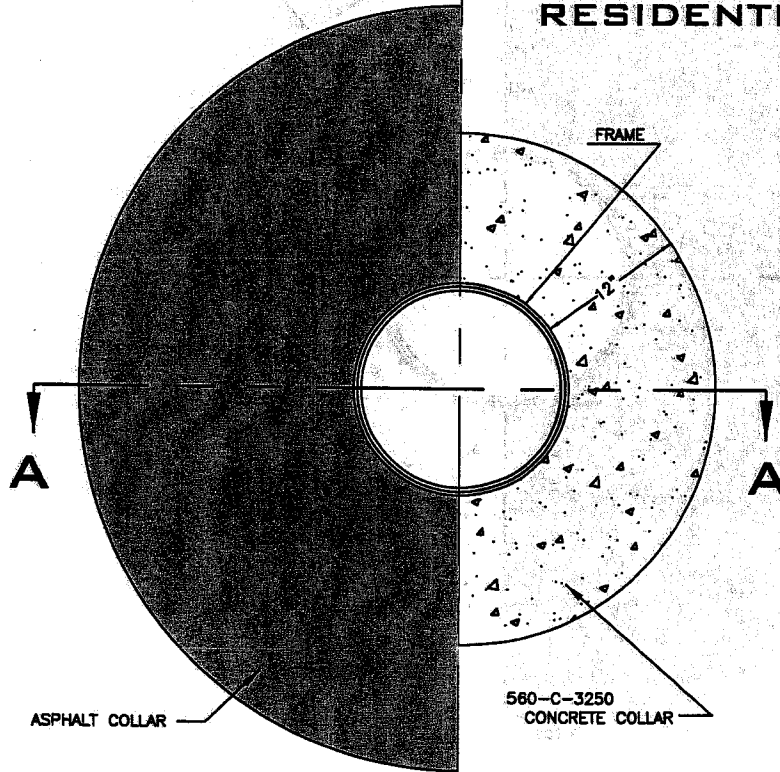
COACHELLA VALLEY WATER DISTRICT

STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF
SANITARY SEWER SYSTEMS

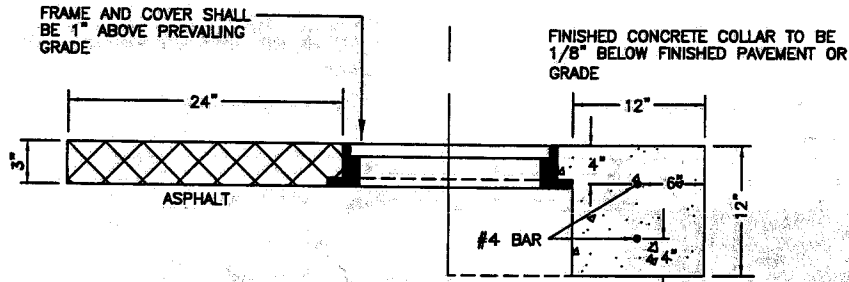
PART IV - DETAIL DRAWINGS

OUT OF PAVEMENT

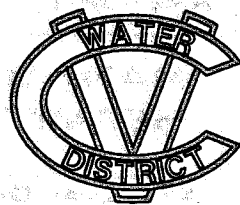
IN PAVEMENT
RESIDENTIAL AREA



FRAME & COLLAR



SECTION A-A



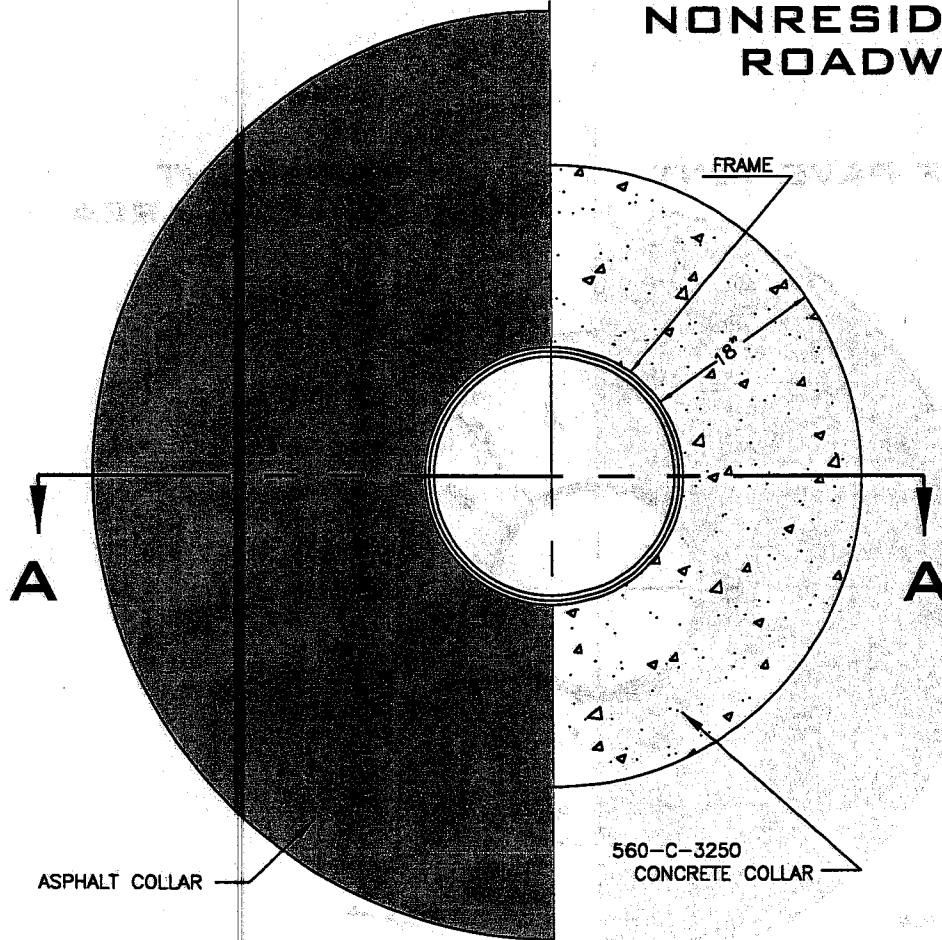
COACHELLA VALLEY WATER DISTRICT
MANHOLE COLLAR IN
RESIDENTIAL AREA
LIGHT TRAFFIC AREA

APPROVAL DATE: OCT 2005

S-1A

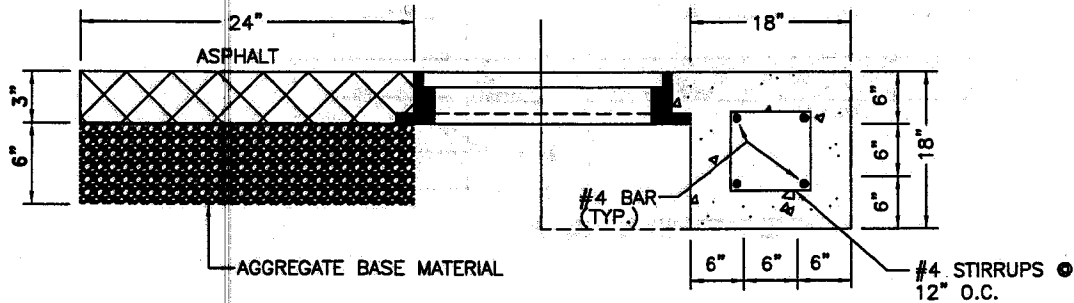
OUT OF PAVEMENT

IN PAVEMENT
NONRESIDENTIAL
ROADWAYS

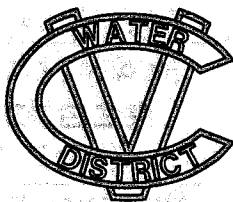


FRAME & COLLAR

FINISHED CONCRETE COLLAR TO BE
1/8" BELOW FINISHED PAVEMENT OR
GRADE



SECTION A-A

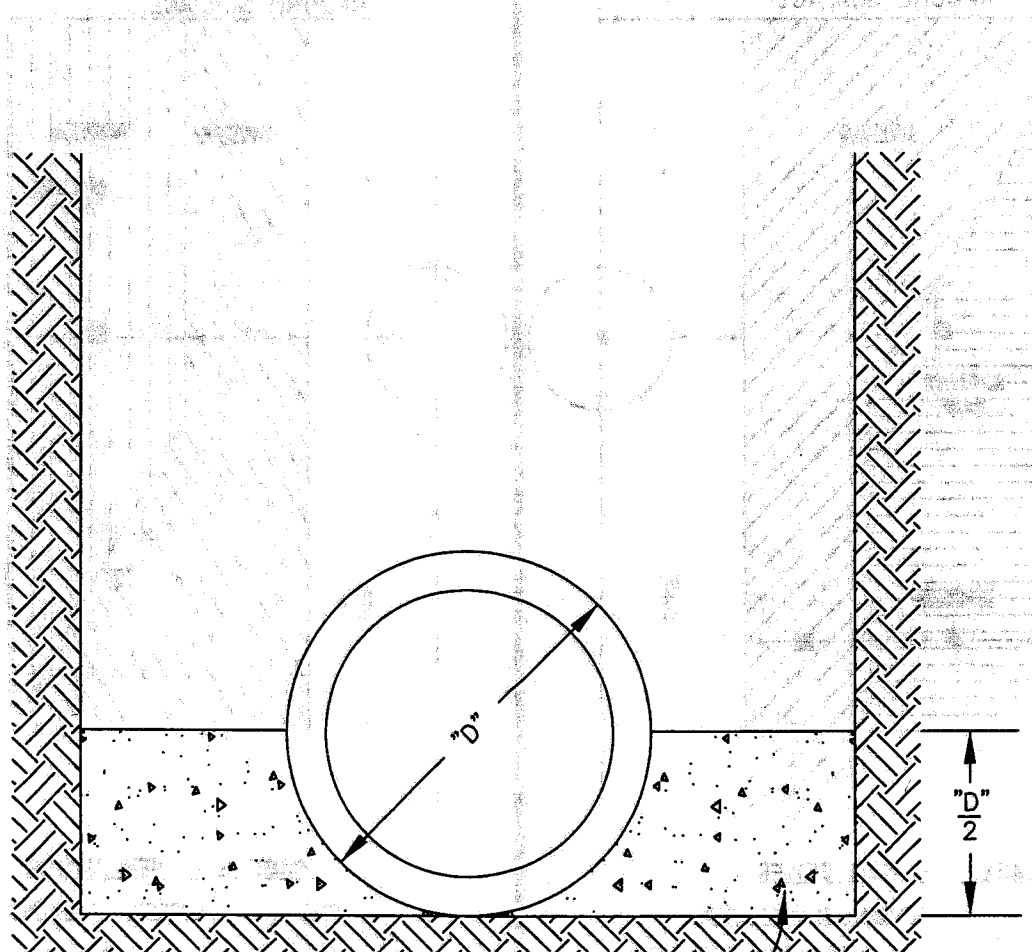


COACHELLA VALLEY WATER DISTRICT

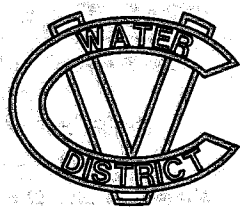
**MANHOLE COLLAR IN
HEAVY TRAFFIC AREA**

APPROVAL DATE: OCT 2005

S-1 B



480-C-2000 TYPE V CONCRETE



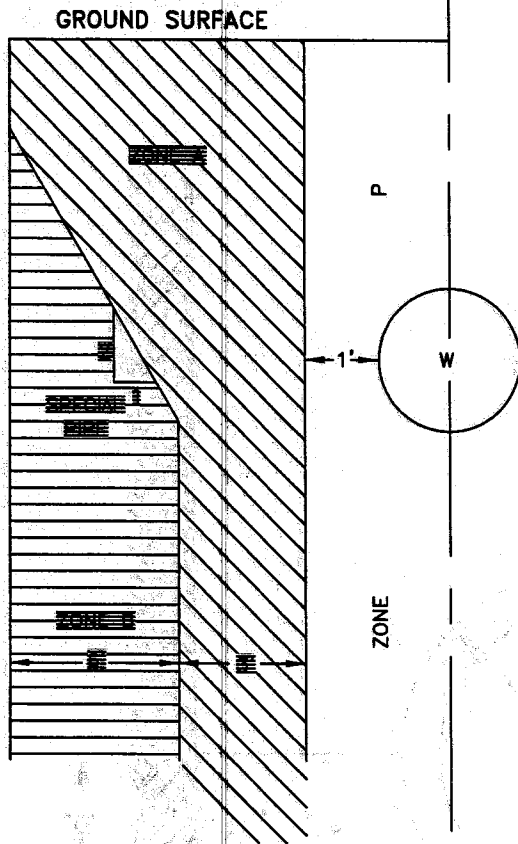
COACHELLA VALLEY WATER DISTRICT

CONCRETE CRADLE

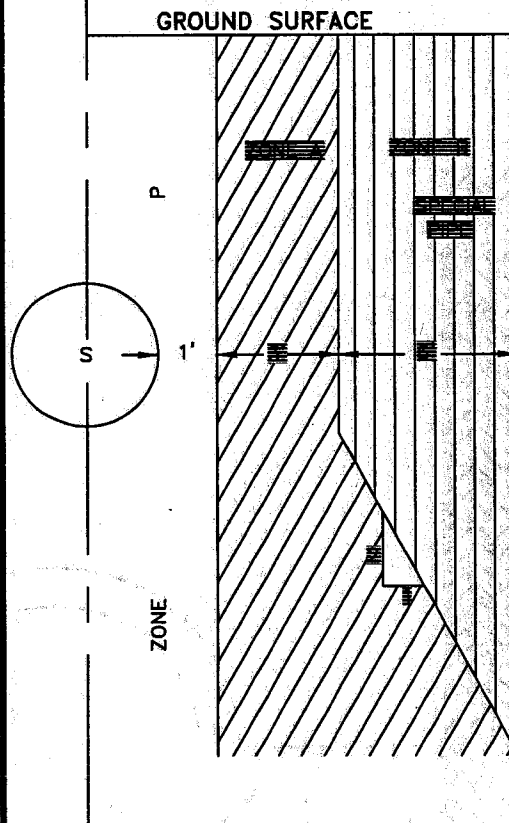
APPROVAL DATE: OCT 2005

S-2

CASE 1
NEW SEWER
EXISTING WATER LINE



CASE 2
NEW WATER
EXISTING SEWER LINE

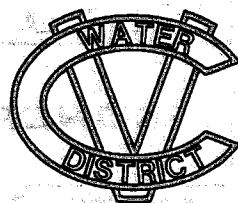


CASE 1 - NEW SEWER

ZONE	SPECIAL CONSTRUCTION
P	CONSTRUCTION PROHIBITED
A	CONSTRUCTION PROHIBITED
B	1. VCP, TYPE "G" JOINT 2. PVC-AWWA C 900 DR-14 OR AWWA C-905 DR-14

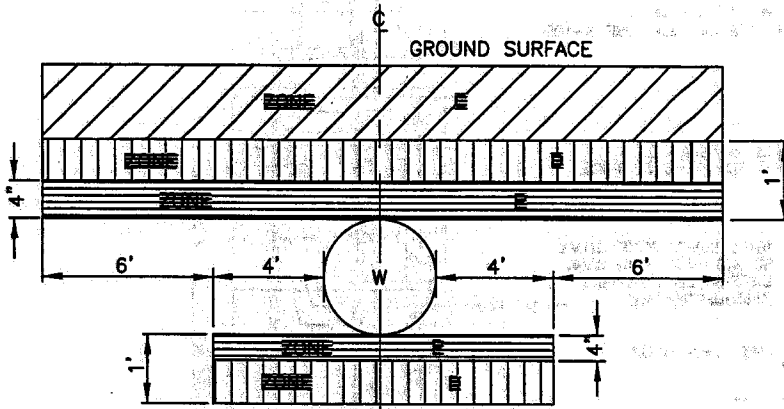
CASE 2 - NEW WATER

ZONE	SPECIAL CONSTRUCTION
P	CONSTRUCTION PROHIBITED
A	CONSTRUCTION PROHIBITED
B	DUCTILE IRON PIPE



COACHELLA VALLEY WATER DISTRICT
SEPARATION AND CONSTRUCTION
REQUIREMENTS
FOR SEWER AND WATER LINES
(PARALLEL CONSTRUCTION)

APPROVAL DATE: OCT 2005 | **W-1/S-3**

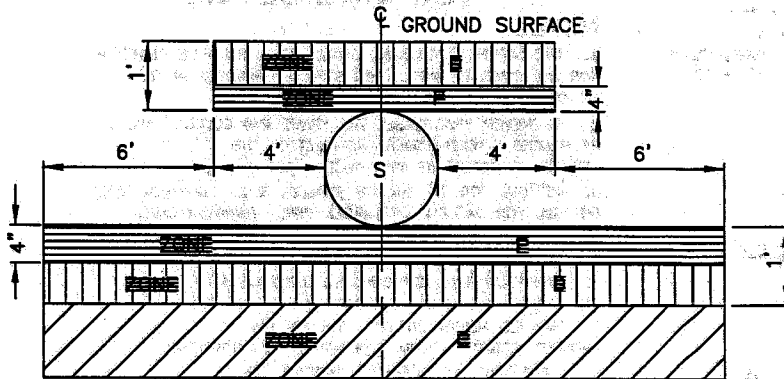


CASE - 1
NEW SEWER
EXISTING WATER

CASE 1 - NEW SEWER

ZONE	SPECIAL CONSTRUCTION
P	CONSTRUCTION PROHIBITED
D	CONSTRUCTION PROHIBITED
C	1. PVC-AWWA C 900 DR-14 ● OR AWWA C-905 DR-14 2. VCP IN 1/4 " STEEL SLEEVE, WELDED JOINTS.

● NEW PIPE TO BE CENTERED OVER PIPE BEING CROSSED



CASE - 2 & 3
NEW WATER/ WATER SERVICE
EXISTING SEWER

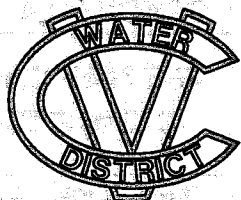
CASE 2 - NEW WATER

ZONE	SPECIAL CONSTRUCTION
P	CONSTRUCTION PROHIBITED
D	CONSTRUCTION PROHIBITED
C	DUCTILE IRON PIPE

● NEW PIPE TO BE CENTERED OVER PIPE BEING CROSSED

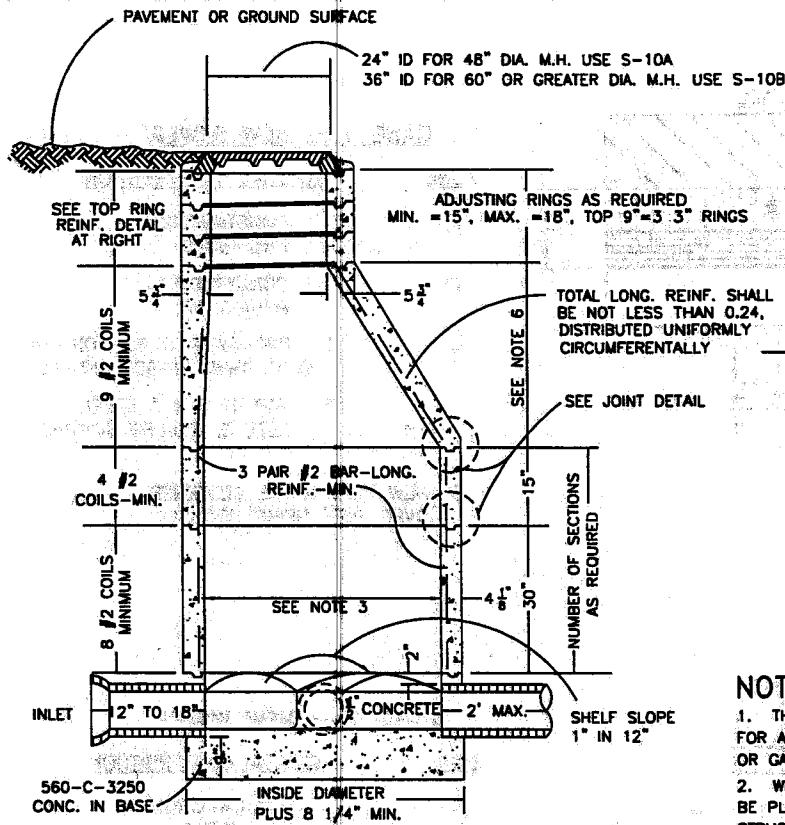
CASE 3 - NEW WATER

ZONE	SPECIAL CONSTRUCTION
C	COPPER-NO JOINTS

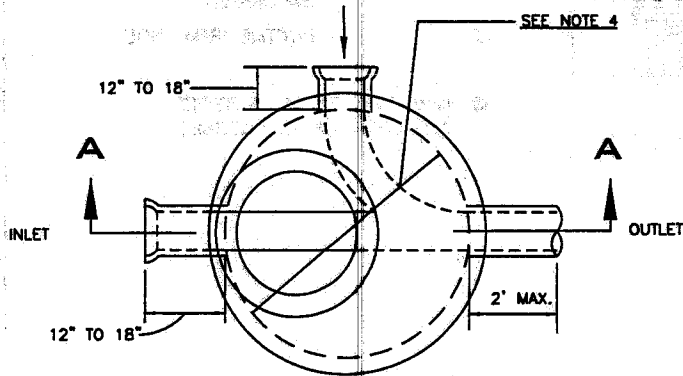


COACHELLA VALLEY WATER DISTRICT
SEPARATION AND CONSTRUCTION
REQUIREMENTS
FOR SEWER AND WATER LINES
(CROSSINGS)

APPROVAL DATE: OCT 2005 | **W-2/S-4**



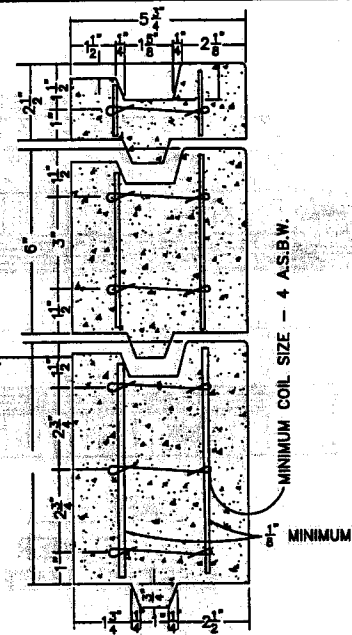
SECTIONAL ELEVATION A-A



PLAN OF BASE

PIPE SIZE (DIA.)	MIN. SLOPE
8"	.0033
10"	.0024
12"	.0019
15"	.0014
18"	.0014
21"	.0014
24"	.0014
27"	.0014
30"	.0014
33"	.0014
36"	.0014

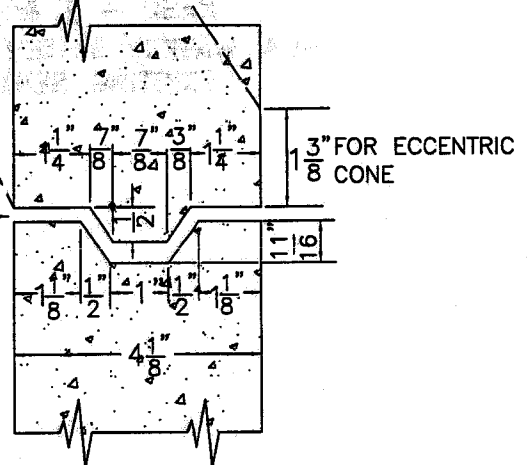
CEMENT MORTAR JOINT. ALL JOINTS SHALL BE NEATLY STRUCK AND POINTED AND SHALL BE A MINIMUM THICKNESS OF $\frac{3}{8}$ " IN THICKNESS



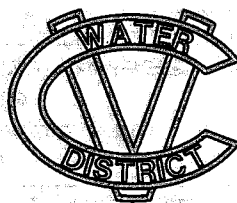
TOP RING DETAIL

NOTES

1. THE DEPTH OF CHANNEL SHALL EQUAL THE PIPE DIAMETER FOR ALL SIZES OF PIPE. FOR SPECIAL CHANNELS IN TRAP OR GAUGING MANHOLES, SEE SPECIAL PLANS.
2. WHENEVER PRACTICABLE THE FRAME AND COVER SHALL BE PLACED DIRECTLY OVER THE INLET OF THE STRUCTURE EXCEPT AS OTHERWISE NOTED ON PLANS.
3. 48" DIA. FOR 21" DIA. OR SMALLER PIPE. (MINIMUM SIZE) 60" DIA. FOR 24" DIA. OR LARGER PIPE. (MINIMUM SIZE)
4. LARGER DIAMETER MANHOLES MAY BE REQUIRED FOR 27" DIA. OR LARGER PIPE. CHECK WITH ENGINEER.
5. MANUFACTURING METHODS AND MATERIALS FOR PRE CAST UNITS SHALL CONFORM TO ASTM C-478.
6. TAPERED HEIGHT 30" MIN. FOR 48" DIA. TAPERED HEIGHT 24" MIN. FOR 60" DIA. OR GREATER.
7. STRUCTURAL ELEMENTS OF MANHOLE SHALL MEET ALL APPROPRIATE ASTM STANDARDS.
8. SEE MANHOLE FRAME AND COVER STD. DETAIL FOR SIZE AND TYPE



JOINT DETAIL

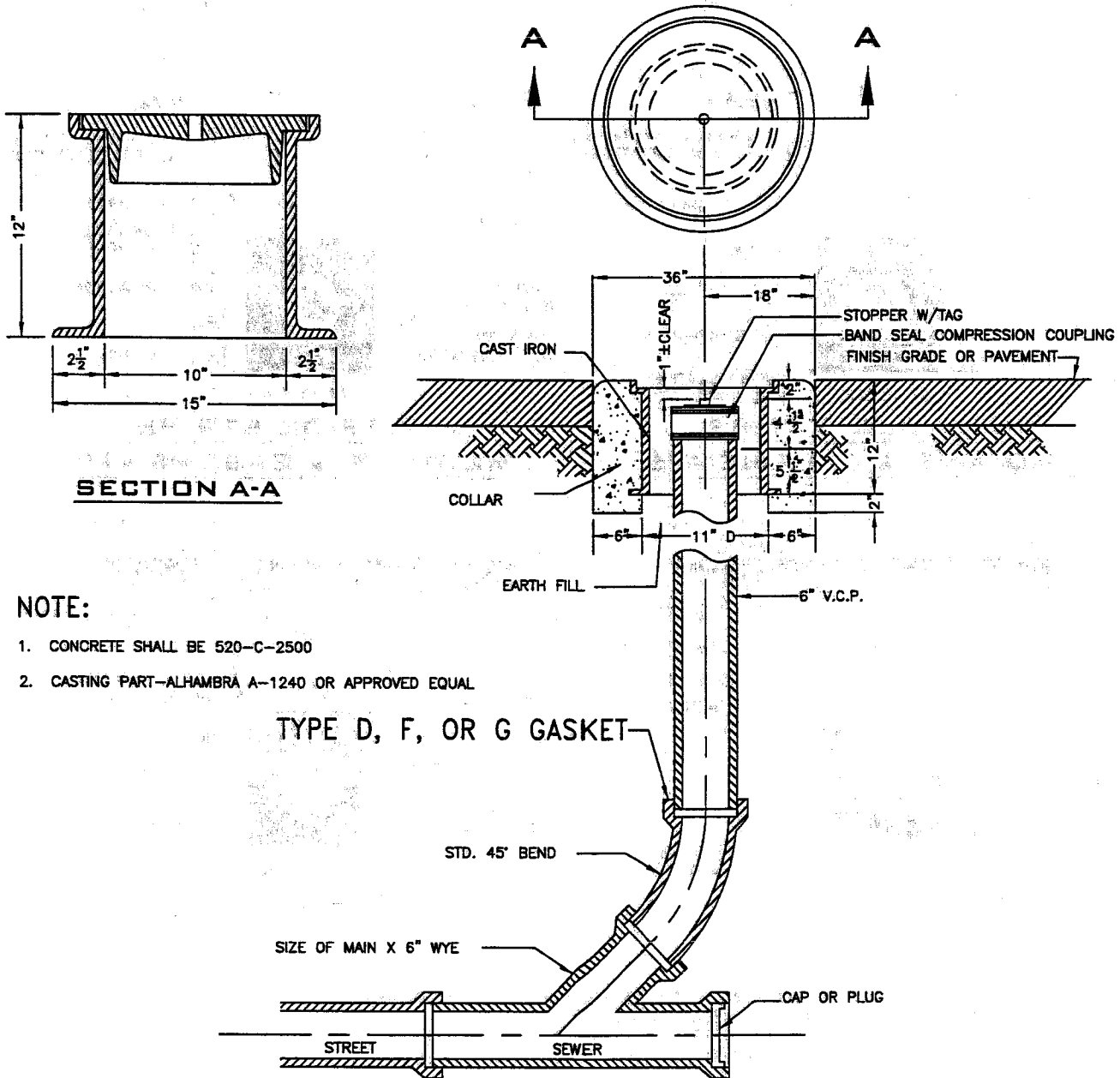


COACHELLA VALLEY WATER DISTRICT
REINFORCED PRECAST
CONCRETE MANHOLE

APPROVAL DATE: OCT 2005

S-5

THE LID SHALL HAVE
THE WORD "SEWER" OR
THE LETTERS "C.O."
IMPRINTED ON IT.



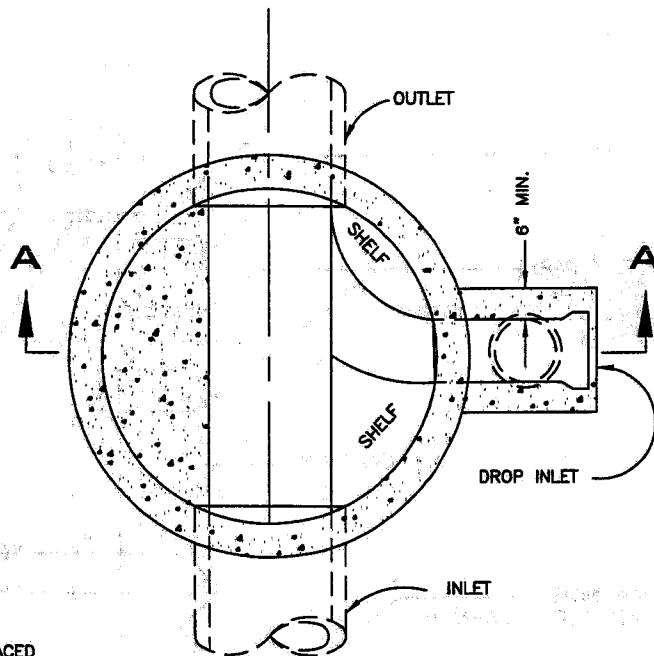
COACHELLA VALLEY WATER DISTRICT

STANDARD CLEAN-OUT

APPROVAL DATE: OCT 2005

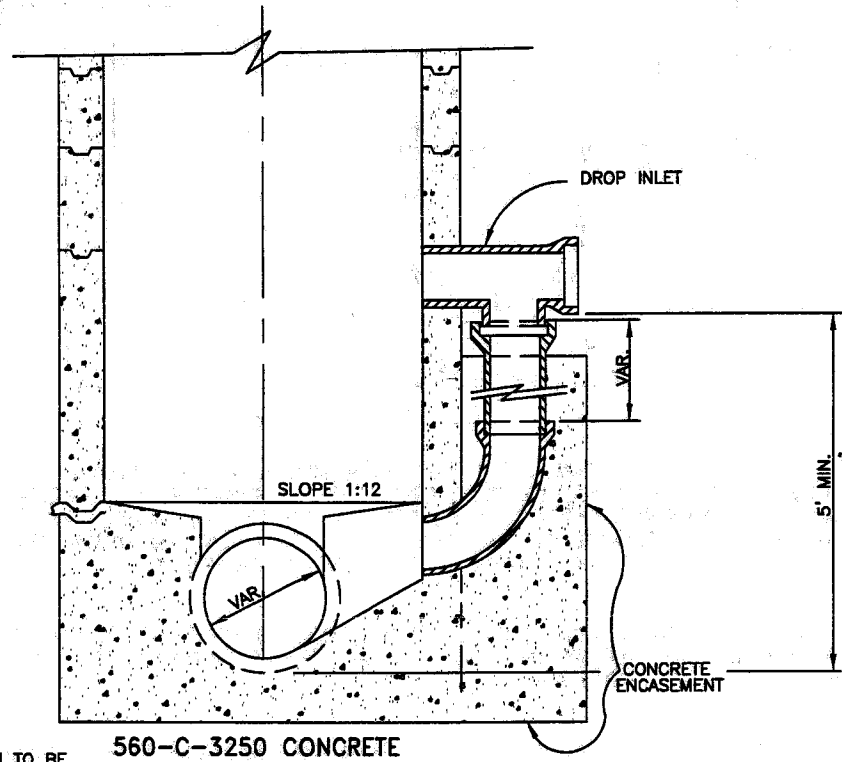
S-6

**CVWD
DETAIL DRAWING S-7
TRENCH BACKFILL DETAILS
NOT USED**



NOTE
 MANHOLE DIMENSIONS AND
 REINFORCING SHALL BE PLACED
 AS SHOWN ON STANDARD
 DRAWING NO. S-5

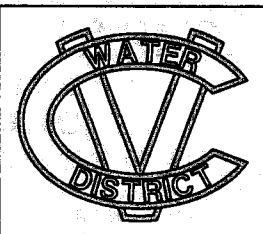
PLAN SECTION



NOTE
 CHANNEL OF MANHOLE BOTTOM TO BE
 FORMED IN CONCRETE, AND SIDE WALLS
 TO HAVE CHANNEL CURVED IN THE
 DIRECTION OF FLOW.
 CHANNEL SHALL BE WELL DEFINED

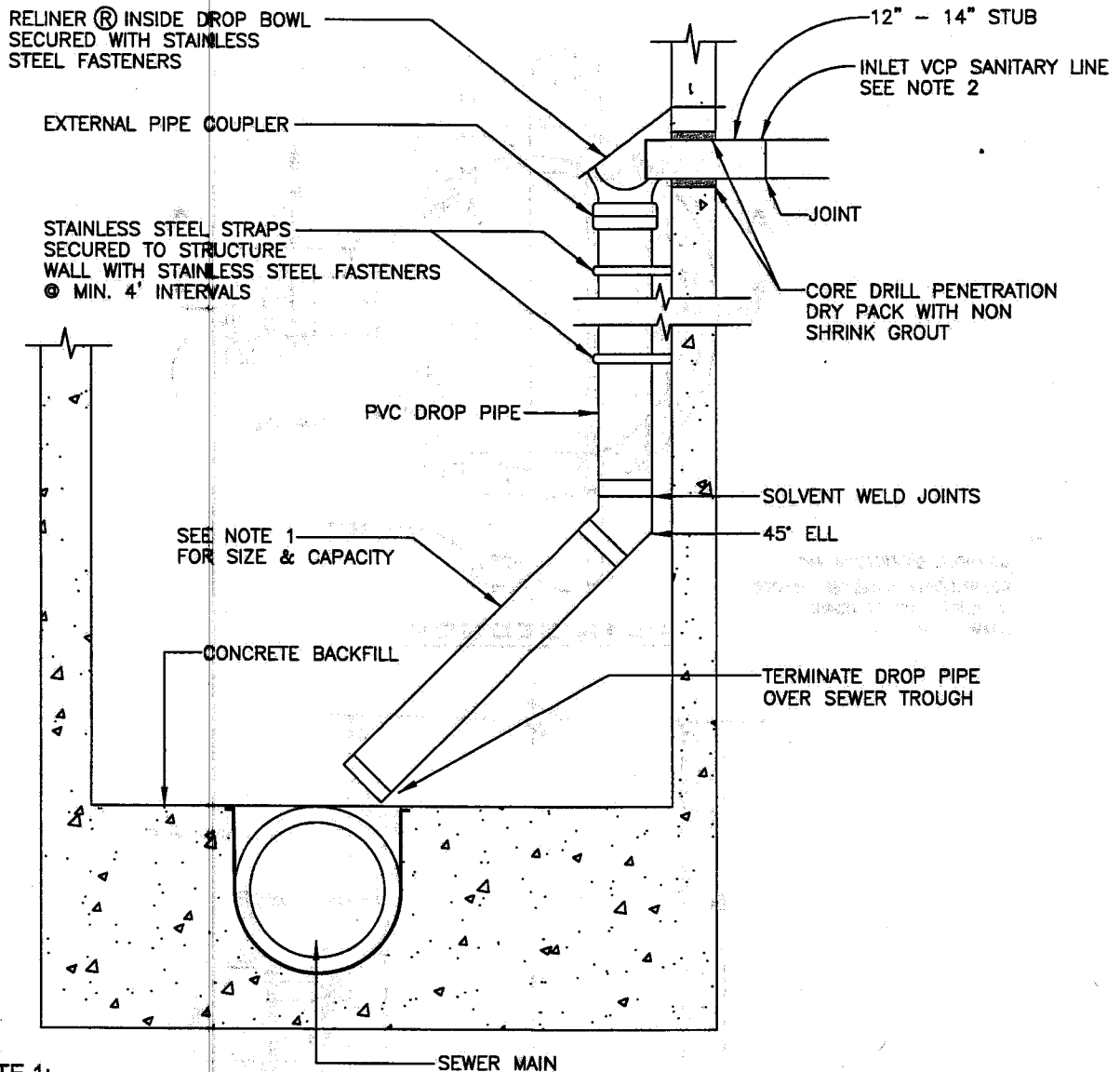
560-C-3250 CONCRETE

SECTION A-A



COACHELLA VALLEY WATER DISTRICT
 REINFORCED PRECAST
 CONCRETE DROP MANHOLE
 ECCENTRIC

APPROVAL DATE: OCT 2005 | S-8A



NOTE 1:

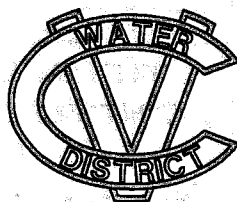
A SINGLE 4" DIA. DROP SHALL BE USED FOR A SINGLE 4" DIA. LATERAL
 A SINGLE 6" DIA. DROP MAY BE USED FOR EITHER A SINGLE 6" DIA. LATERAL OR TWO 4" DIA. LATERALS
 ENTERING THE MANHOLE THROUGH A SINGLE PENETRATION. NO MORE THAN (2) 6" DIA DROPS OR
 4 LATERALS MAY TERMINATE IN A MANHOLE. IN MULTIPLE LATERAL INSTALLATIONS EACH LATERAL SHALL
 NOT EXCEED 45' FROM EACH OTHER IN THE HORIZONTAL PLANE.

NOTE 2:

THIS DETAIL DRAWING IS FOR LATERAL SERVICE LINE CONNECTIONS TO SEWERS 20' IN DEPTH OR
 GREATER ONLY. FOR SEWERS OF LESS THAN 20' IN DEPTH SEE DETAIL DWG. NOS. S-9A, S-9B,
 S-9C, S-43, S-44 AND S-45

NOTE 3:

ALL LATERALS UTILIZING THIS DETAIL SHALL HAVE EMS MARKERS PLACED OVER THE LATERAL AT THE
 PROPERTY LINE OR EDGE OF PAVEMENT. SEE DETAIL DRAWING NO. S-9A FOR EMS MARKER PLACEMENT DETAILS

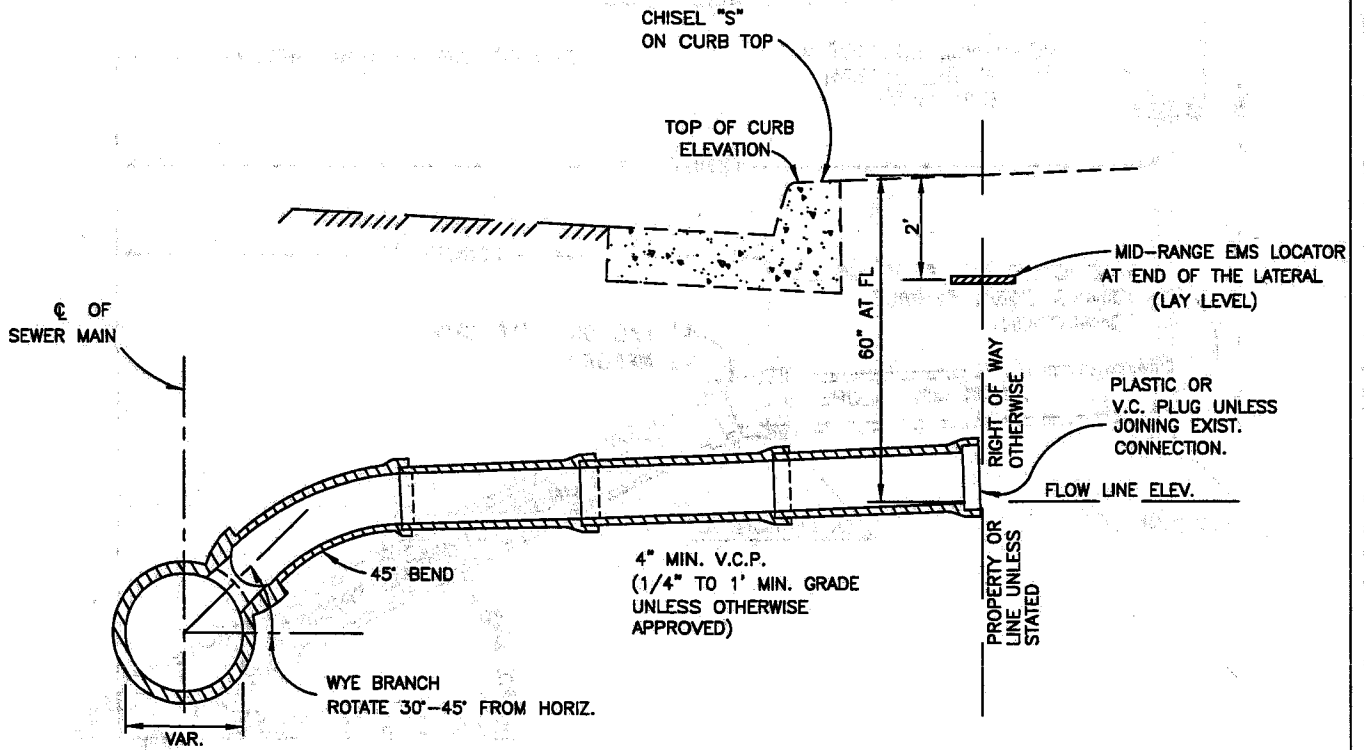


COACHELLA VALLEY WATER DISTRICT

**SEWER LATERAL
 DROP MANHOLE
 (FOR SEWERS OVER 20' DEEP)**

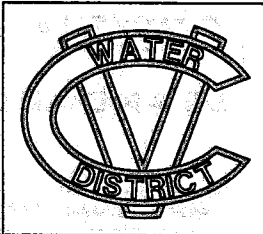
APPROVAL DATE: OCT 2005

S-8B



NOTE:

1. THE HOUSE LATERAL SHALL END AT THE PROPERTY LINE WHEN CURB DOES NOT EXIST.
2. THE HOUSE LATERAL SHALL END ONE FOOT BEYOND THE CURB WHERE CURB EXISTS.
3. 6" LATERALS REQUIRE A CLEAN OUT WITH RISER AT PROPERTY LINE OR TERMINUS.

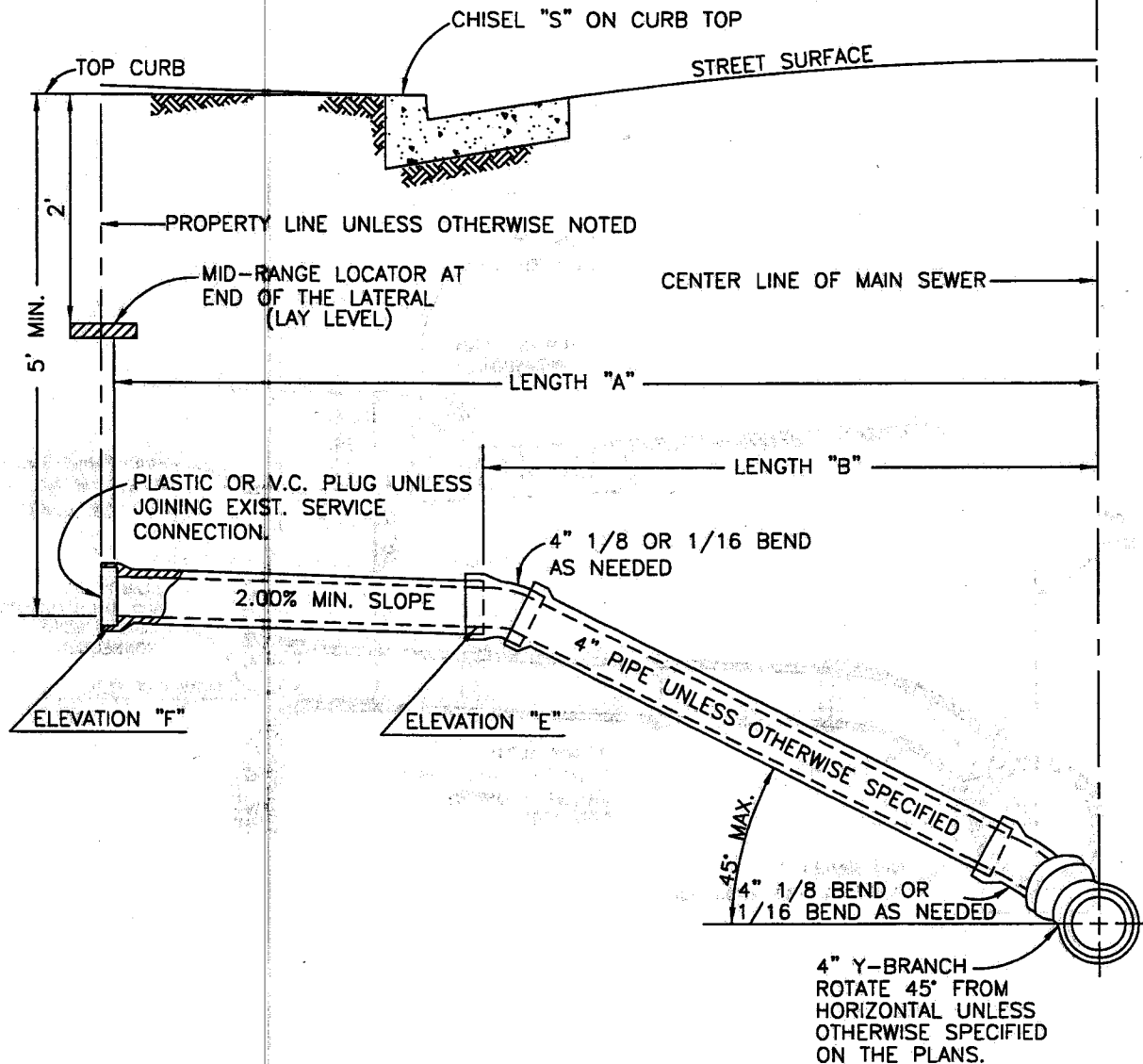


COACHELLA VALLEY WATER DISTRICT

STANDARD HOUSE LATERAL
TYPE "A"

APPROVAL DATE: OCT 2005

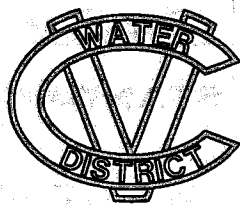
S-9A



PROFILE

NOTES:

1. SEE SEWER CONSTRUCTION PLANS FOR LENGTH "A", LENGTH "B" AND ELEVATIONS "E" AND "F".
2. THE UPPER END OF THE HOUSE CONNECTION SHALL BE CAPPED WITH A PLASTIC STOPPER OR MECHANICAL PLUG.
3. PIPE FOR HOUSE CONNECTION SEWERS SHALL BE 4" CLAY PIPE UNLESS OTHERWISE SPECIFIED ON THE CONSTRUCTION PLANS.
4. THE HOUSE LATERAL WILL END AT PROPERTY LINE WHEN CURB DOES NOT EXIST.
5. THE HOUSE LATERAL WILL END ONE FOOT BEYOND CURB WHERE CURB EXISTS.
6. 6" LATERALS REQUIRE A CLEAN OUT AT PROPERTY LINE OR TERMINUS.

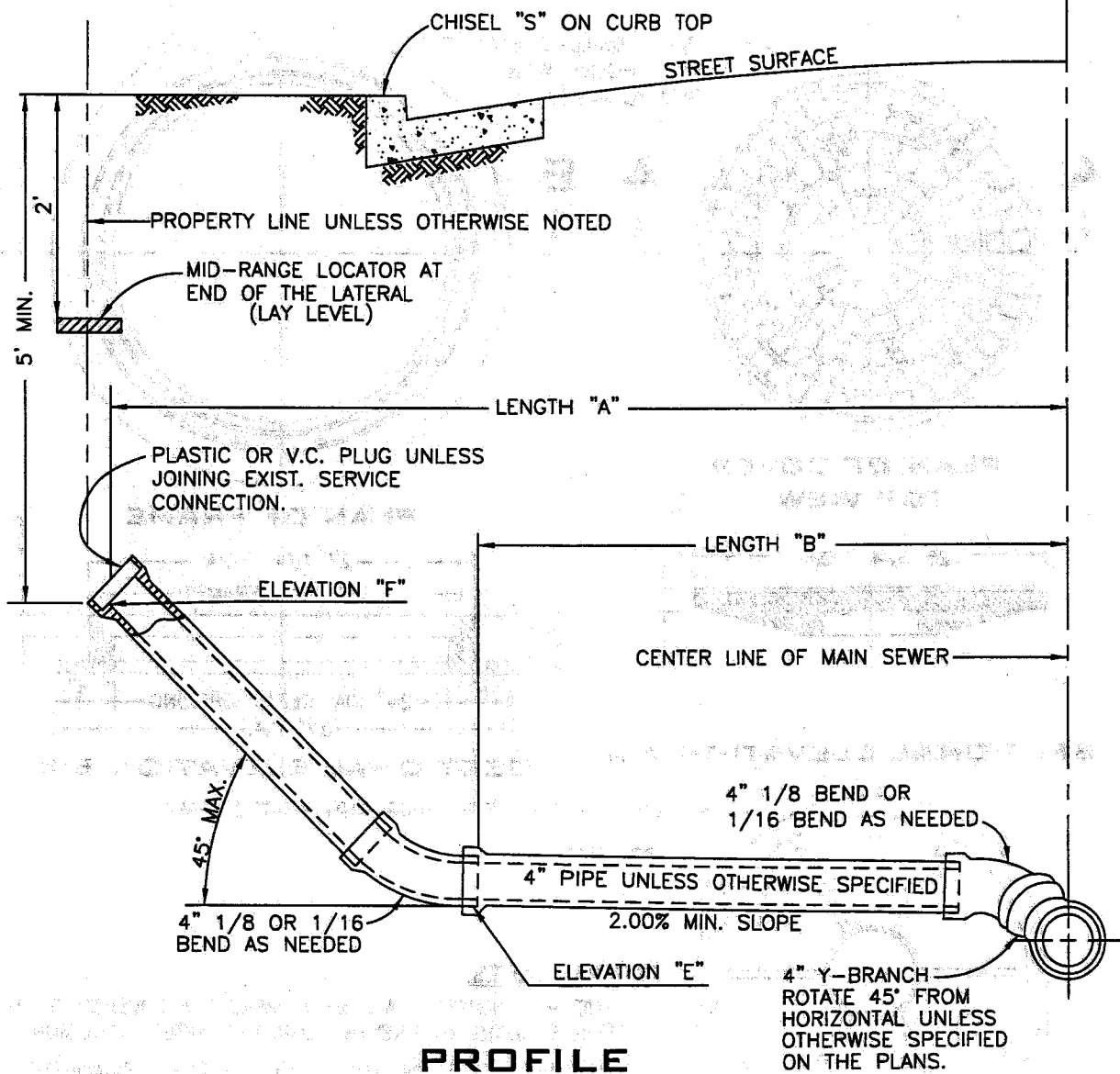


COACHELLA VALLEY WATER DISTRICT

STANDARD HOUSE LATERAL
TYPE "B"

APPROVAL DATE: OCT 2005

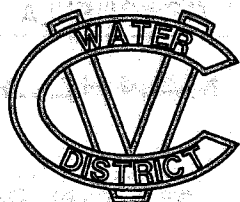
S-9B



PROFILE

NOTES:

1. SEE SEWER CONSTRUCTION PLANS FOR LENGTH "A", LENGTH "B" AND ELEVATIONS "E" AND "F".
2. THE UPPER END OF THE HOUSE CONNECTION SHALL BE CAPPED WITH A PLASTIC STOPPER OR MECHANICAL PLUG.
3. PIPE FOR HOUSE CONNECTION SEWERS SHALL BE 4" CLAY PIPE UNLESS OTHERWISE SPECIFIED ON THE CONSTRUCTION PLANS.
4. SIX INCH DIA. LATERAL REQUIRES A STANDARD CLEAN-OUT, LOCATED AT THE PROPERTY LINE EDGE OF RIGHT OF WAY, OR BEHIND CURB FACE, WHICHEVER OCCURS NEAREST TO THE STREET SEWER.
5. 6" LATERALS REQUIRE A CLEAN OUT AT PROPERTY LINE OR TERMINUS.

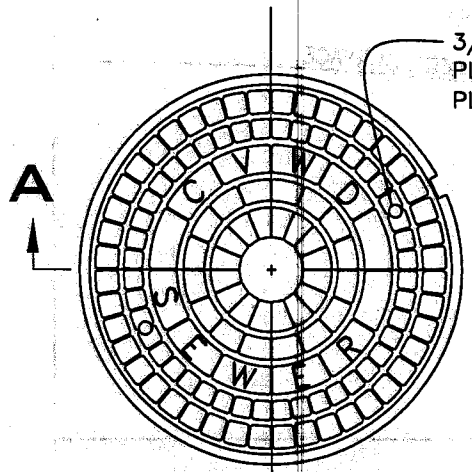


COACHELLA VALLEY WATER DISTRICT

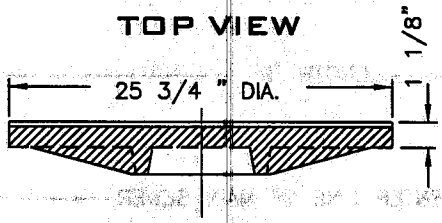
STANDARD HOUSE LATERAL
TYPE "C"

APPROVAL DATE: OCT 2005

S-9C

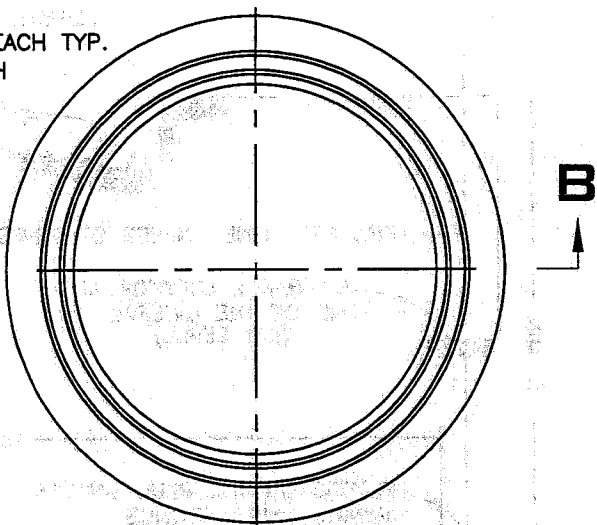


**PLAN OF COVER
TOP VIEW**

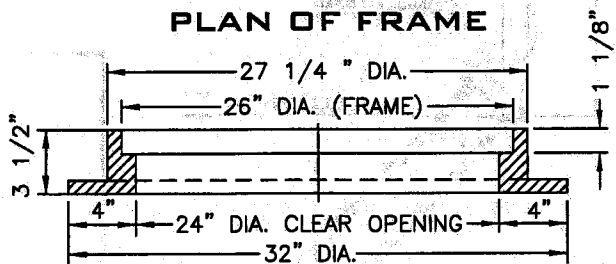


SECTIONAL ELEVATION A-A

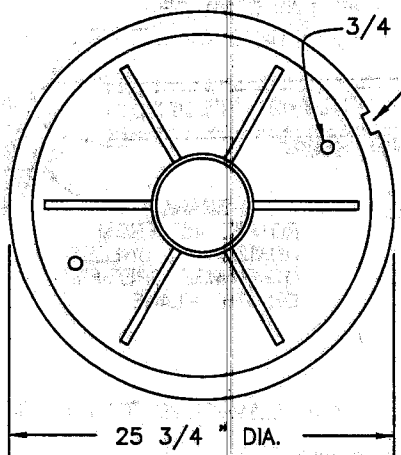
3/4" DRILL-2 EACH TYP.
PLUG HOLES WITH
PLASITC INSERT



PLAN OF FRAME



SECTIONAL ELEVATION B-B

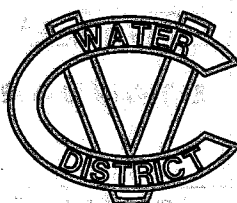


**PLAN OF COVER
BOTTOM VIEW**

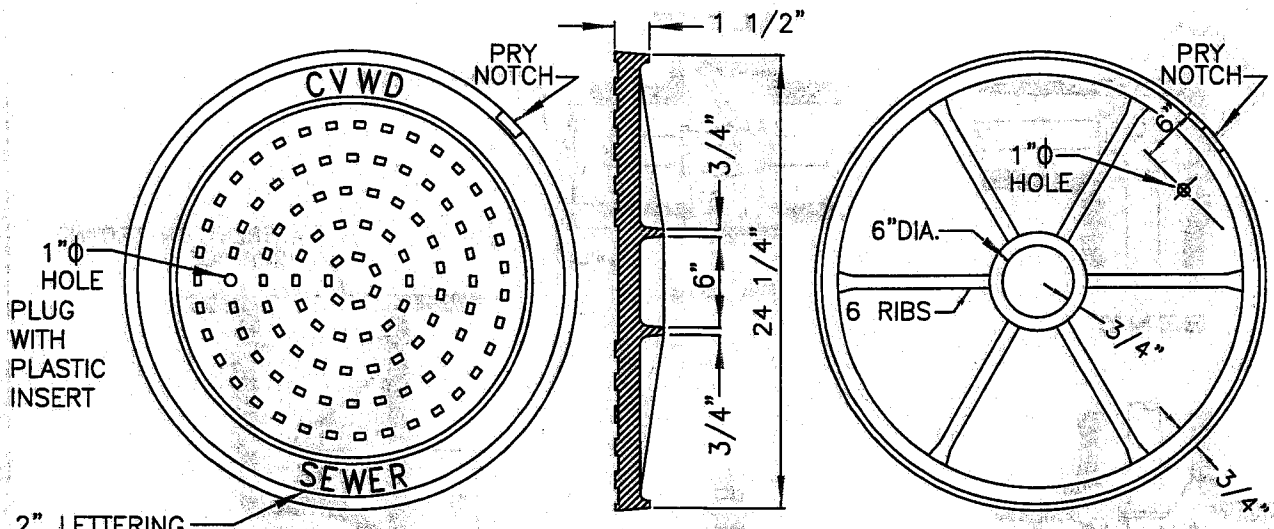
3/4" DRILL-2 EACH TYP. PLUG WITH PLASTIC INSERT
PRY NOTCH

GENERAL NOTES:

1. THE PRY NOTCH SHALL BE COMPLETELY COVERED BY THE FRAME SEATS TO PREVENT SURFACE WATER INTRUSION.
2. MACHINE SEATS AND GRIND LUGS SMOOTH, PERIMETER OF COVER SHALL BE GROUND SMOOTH, DIAMETER TOLERANCE $\pm 1/16"$.
3. THE CAST IRON USED SHALL HAVE A TENSILE STRENGTH OF 30,000 LBS. PER. SQUARE INCH.
4. CVWD SEWER SHALL BE ON THE COVER AS SHOWN ABOVE.
5. MANHOLE COVER SHALL BE NON-ROCKING ALHAMBRA A-1254 OR APPROVED EQUAL.
6. SEALED MANHOLE COVER SHALL BE A-1254B OR APPROVED EQUAL.
7. TO BE USED ON 48" DIAMETER MANHOLE SHAFTING.



COACHELLA VALLEY WATER DISTRICT
MANHOLE FRAME & COVER
TYPE "A"
APPROVAL DATE: OCT 2005 **S-10A**

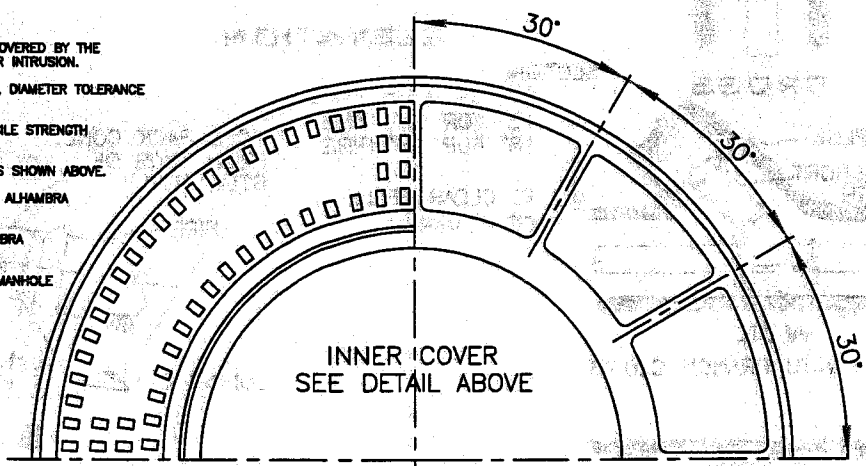


PLAN

COVER

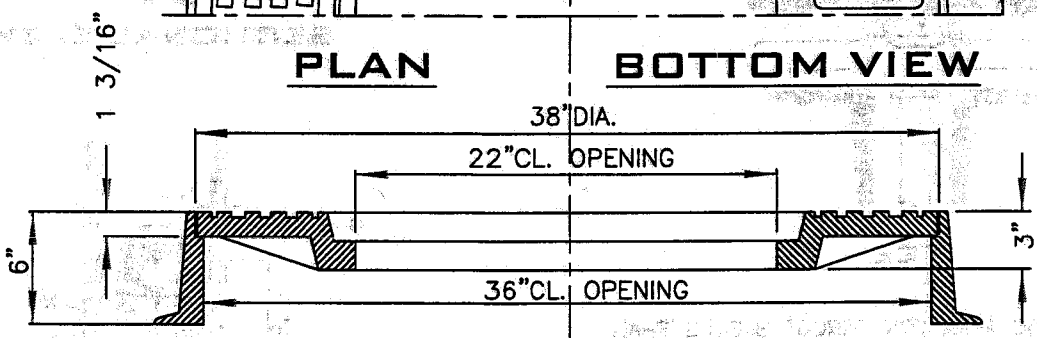
GENERAL NOTES

1. THE PRY NOTCH SHALL BE COMPLETELY COVERED BY THE FRAME SEATS TO PREVENT SURFACE WATER INTRUSION.
2. MACHINE SEATS AND GRIND LUGS SMOOTH, DIAMETER TOLERANCE $\pm 1/8"$.
3. THE CAST IRON USED SHALL HAVE A TENSILE STRENGTH OF 30,000 LBS. PER. SQUARE INCH.
4. CVWD SEWER SHALL BE ON THE COVER AS SHOWN ABOVE.
5. MANHOLE COVER SHALL BE NON-ROCKING ALHAMBRA A-1325 OR APPROVED EQUAL.
6. SEALED MANHOLE COVER SHALL BE ALHAMBRA A-1251, B-8 OR APPROVED EQUAL.
7. TO BE USED ON 60" AND 72" DIAMETER MANHOLE SHAFTING.

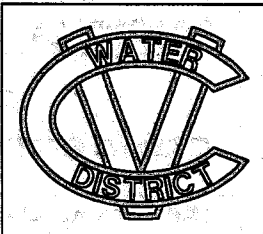


PLAN

BOTTOM VIEW

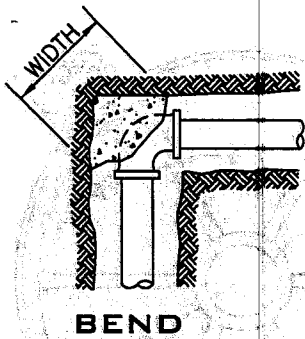


A-1325 COVER



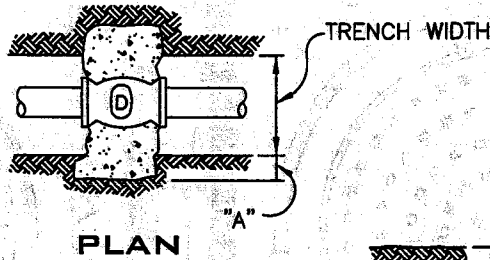
COACHELLA VALLEY WATER DISTRICT
MANHOLE FRAME & COVER
TYPE "B"

APPROVAL DATE: OCT 2005 **S-10B**

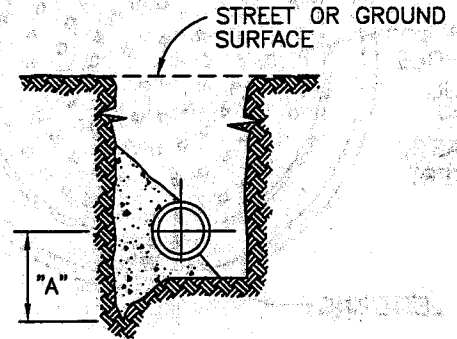


BEND

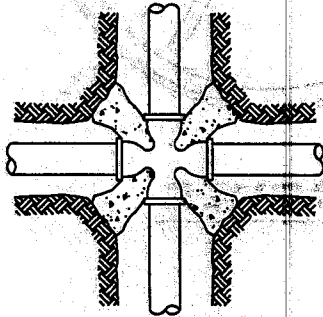
VALVES



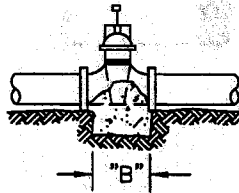
PLAN



TYPICAL SECTION



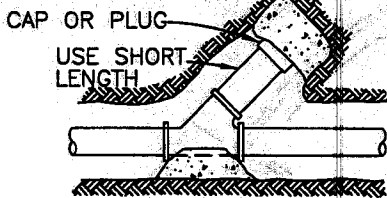
CROSS



ELEVATION

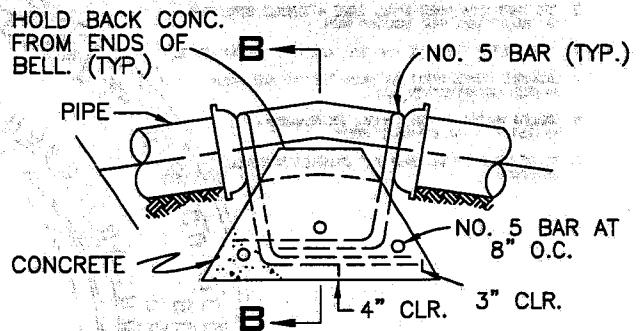
SECTION:
 6" FOR 6"-8" PIPE
 A= 12" FOR 12" PIPE
 18" FOR 18" PIPE

B= TO CLEAR BELLS
 OR FLANGES

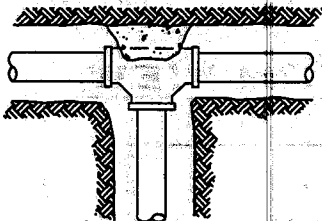


WYE

(SHOWN WITH BRANCH CLOSED)



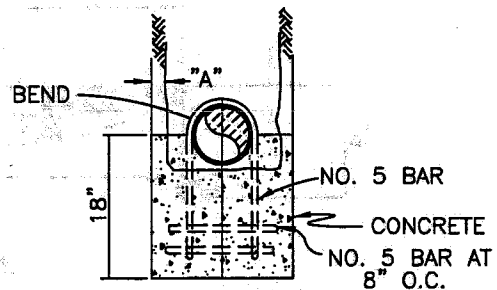
SECTIONAL ELEVATION



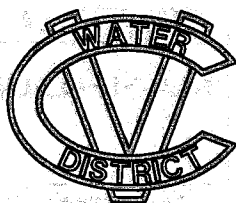
TEE

NOTES:

BEARING AREA FOR THRUST BLOCKS SHALL
 DEPEND ON PRESSURE AND PIPE SIZE.
 FOR BEARING AREAS SEE DETAIL DRAWING W-20/S-20.
 CONCRETE THRUST BLOCKS SHALL BE
 CONSTRUCTED OF 420-B-2000 CONCRETE.



**SECTION B-B
 VERTICAL ANCHOR BLOCK**

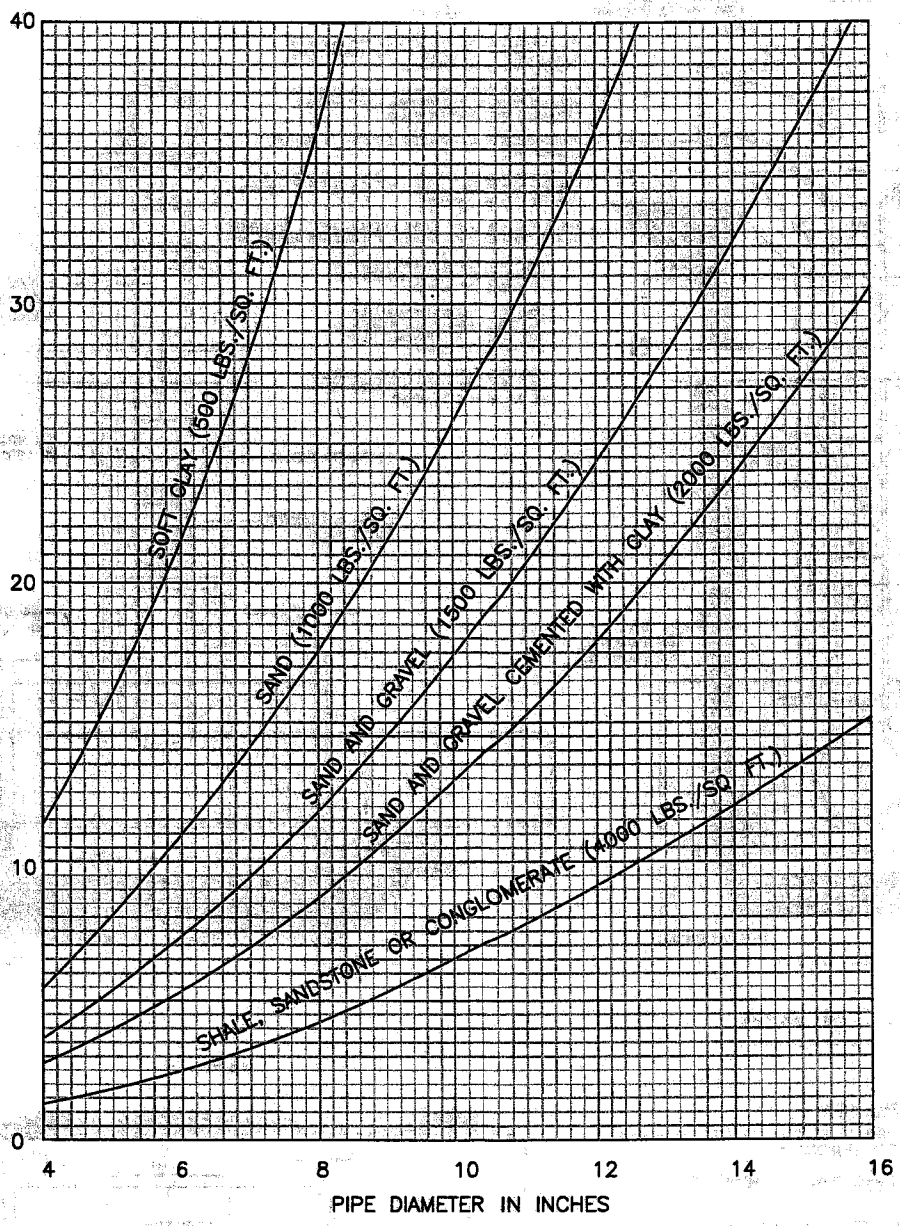


COACHELLA VALLEY WATER DISTRICT

**DETAIL OF
 CONCRETE THRUST BLOCKS**

APPROVAL DATE: OCT 2005 W-19/S-19

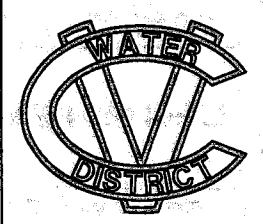
BEARING AREA OF THRUST BLOCK IN SQUARE FEET



NOTES:

1. BASED ON A 225 PSI TEST PRESSURE AND BEARING VALUES OF DRY SOILS.
2. VALUES FROM CURVES ARE FOR TEES AND DEAD ENDS I.E. STRAIGHT LINE THRUST.
 FOR 90° BENDS: 1.4 X VALUE FROM CURVE.
 FOR 45° BENDS: 0.8 X " " " "
 FOR 22-1/2° 0.4 X " " " "
3. FOR CONDITIONS NOT COVERED BY CURVES, THRUST DEVICES MUST BE APPROVED BY THE ENGINEER.
4. FOR LOCATION OF THRUST BLOCKS SEE DETAIL DRAWING W-19/S-19.
5. CONCRETE THRUST BLOCKS SHALL BE CONSTRUCTED OF 420-B-2000 CONCRETE.

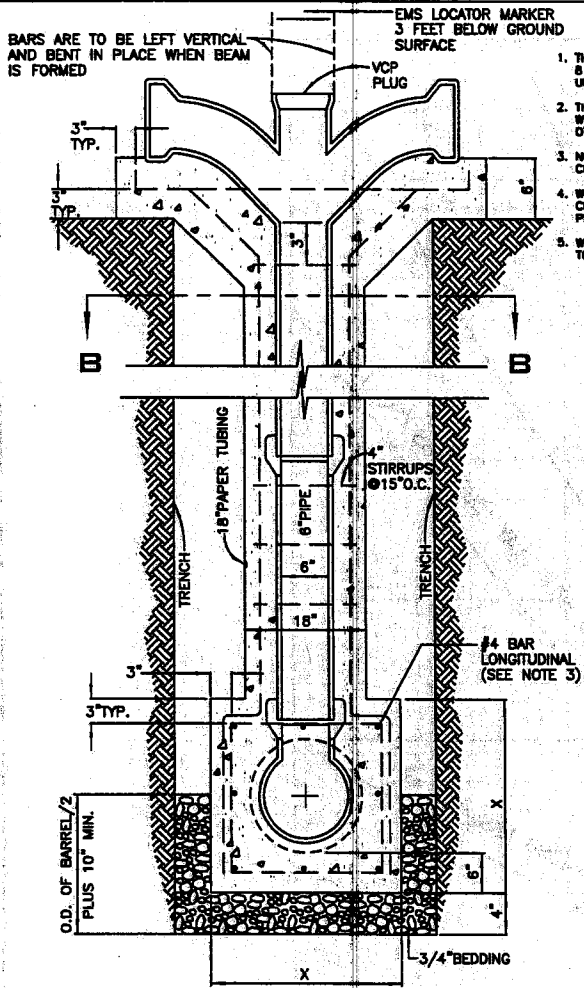
W-20/S-20



COACHELLA VALLEY WATER DISTRICT

THRUST BLOCK BEARING AREAS

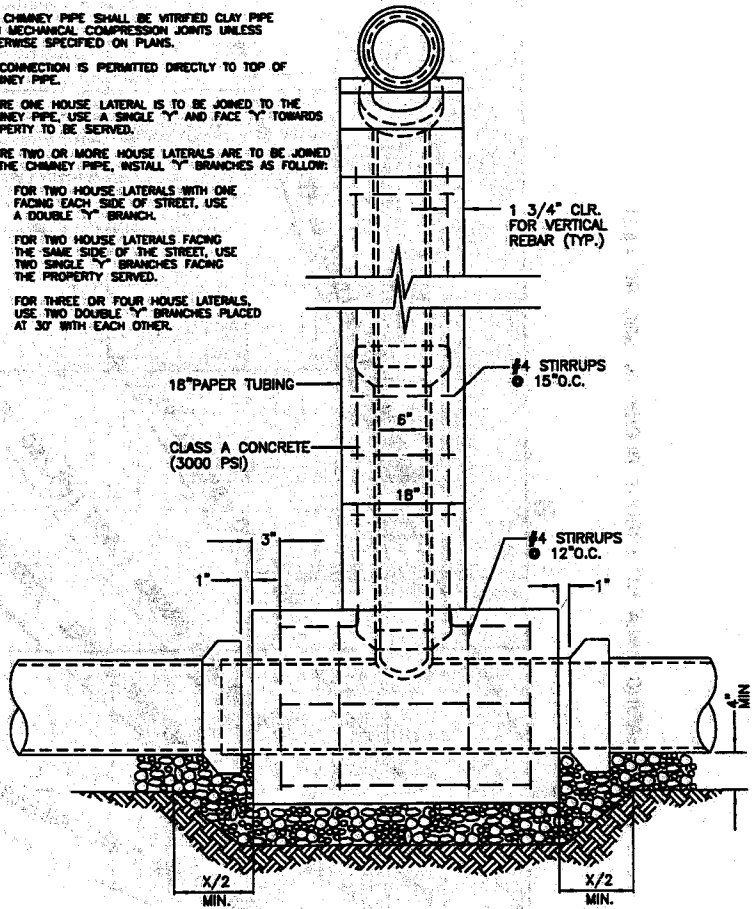
APPROVAL DATE: OCT 2005 W-20/S-20



SECTION A-A

NOTES

1. THE UPPER END OF THE CHIMNEY PIPE SHALL BE 8 FEET BELOW THE GRADE OF THE LOWER CURB UNLESS OTHERWISE SPECIFIED.
2. THE CHIMNEY PIPE SHALL BE VITRIFIED CLAY PIPE WITH MECHANICAL COMPRESSION JOINTS UNLESS OTHERWISE SPECIFIED ON PLANS.
3. NO CONNECTION IS PERMITTED DIRECTLY TO TOP OF CHIMNEY PIPE.
4. WHERE ONE HOUSE LATERAL IS TO BE JOINED TO THE CHIMNEY PIPE, USE A SINGLE "Y" AND FACE "Y" TOWARDS PROPERTY TO BE SERVED.
5. WHERE TWO OR MORE HOUSE LATERALS ARE TO BE JOINED TO THE CHIMNEY PIPE, INSTALL "Y" BRANCHES AS FOLLOWS:
 FOR TWO HOUSE LATERALS WITH ONE FACING EACH SIDE OF STREET, USE A DOUBLE "Y" BRANCH.
 FOR TWO HOUSE LATERALS FACING THE SAME SIDE OF THE STREET, USE TWO SINGLE "Y" BRANCHES FACING THE PROPERTY SERVED.
 FOR THREE OR FOUR HOUSE LATERALS, USE TWO DOUBLE "Y" BRANCHES PLACED AT 30° WITH EACH OTHER.

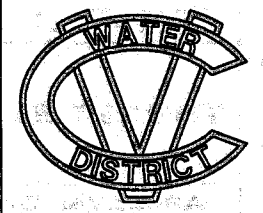
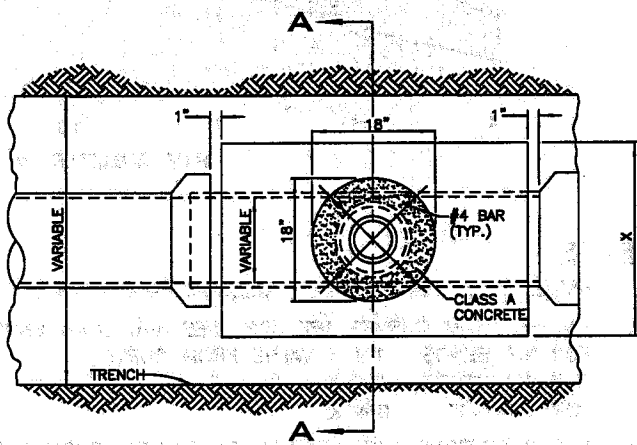


SECTION B-B

GENERAL NOTES

1. THE FITTING SHALL BE A MINIMUM OF FIVE (5) FEET IN LENGTH WITH THE TEE APPROXIMATELY CENTERED.
2. ALL REBARS ARE #4 BARS AND SHALL BE FABRICATED AND PLACED IN POSITION PER A.C.I. SPECIFICATION.
3. FOR MAINLINE ENCASEMENT USE 8-#4 BARS EQUALLY SPACED FOR PIPE EQUAL TO OR LARGER THAN 15" DIA.
 OR
 USE 4-#4 LONGITUDINAL BARS EQUALLY SPACED FOR PIPE SMALLER THAN 15" DIA.

MAINLINE PIPE DIA.	X
8"	22"
10"	25"
12"	27"
15"	31"
18"	34"

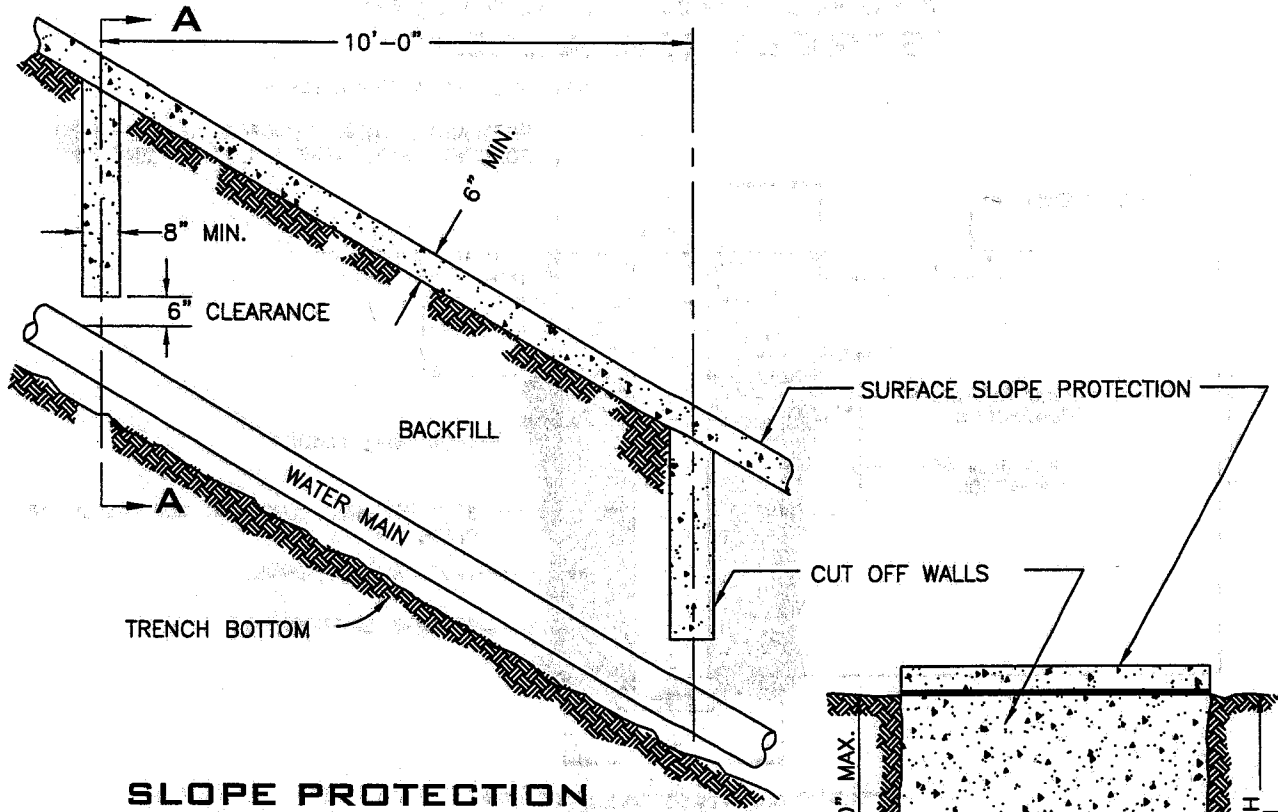


COACHELLA VALLEY WATER DISTRICT

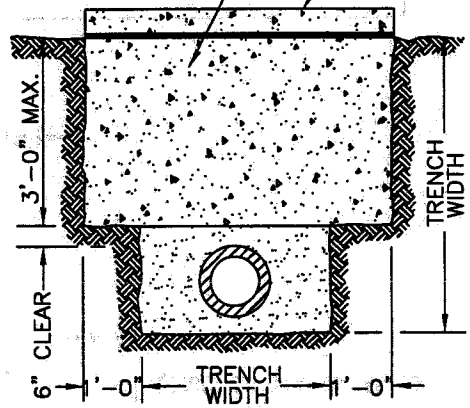
CHIMNEY PIPE AND BASE

APPROVAL DATE: Oct 2005

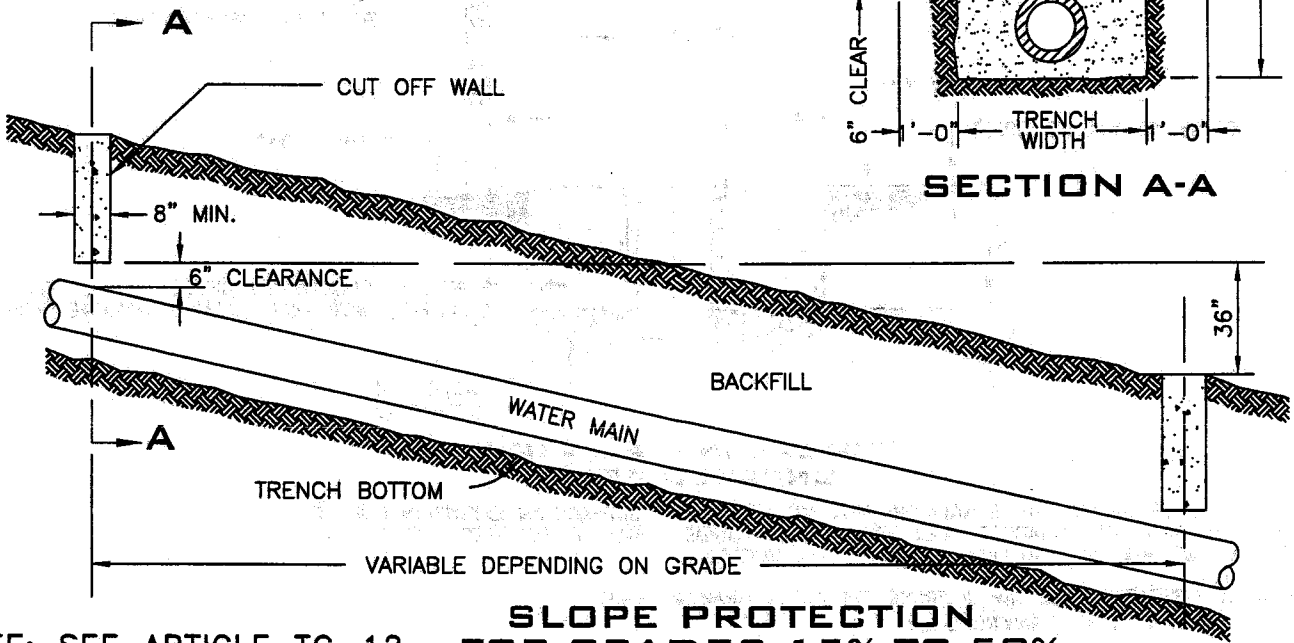
S-24



SLOPE PROTECTION FOR GRADES OVER 50%

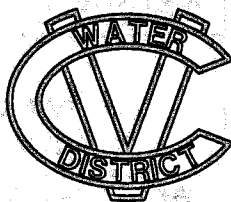


SECTION A-A



SLOPE PROTECTION FOR GRADES 15% TO 50%

REF: SEE ARTICLE TC-12

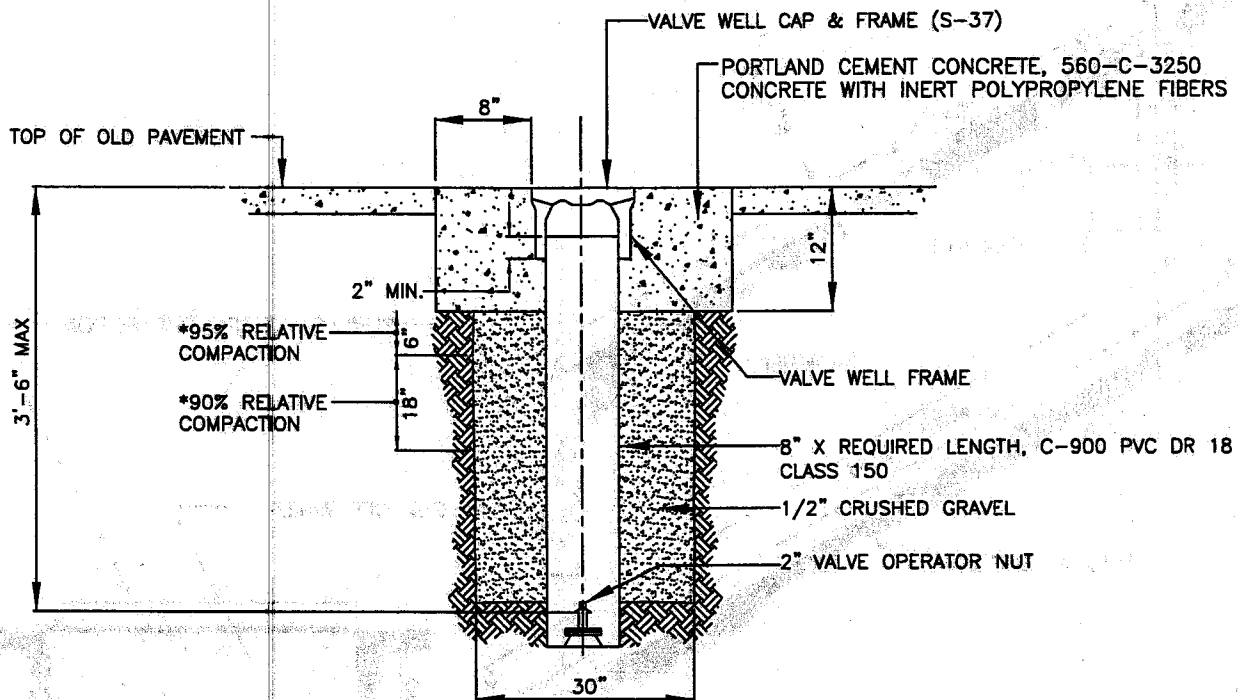


COACHELLA VALLEY WATER DISTRICT

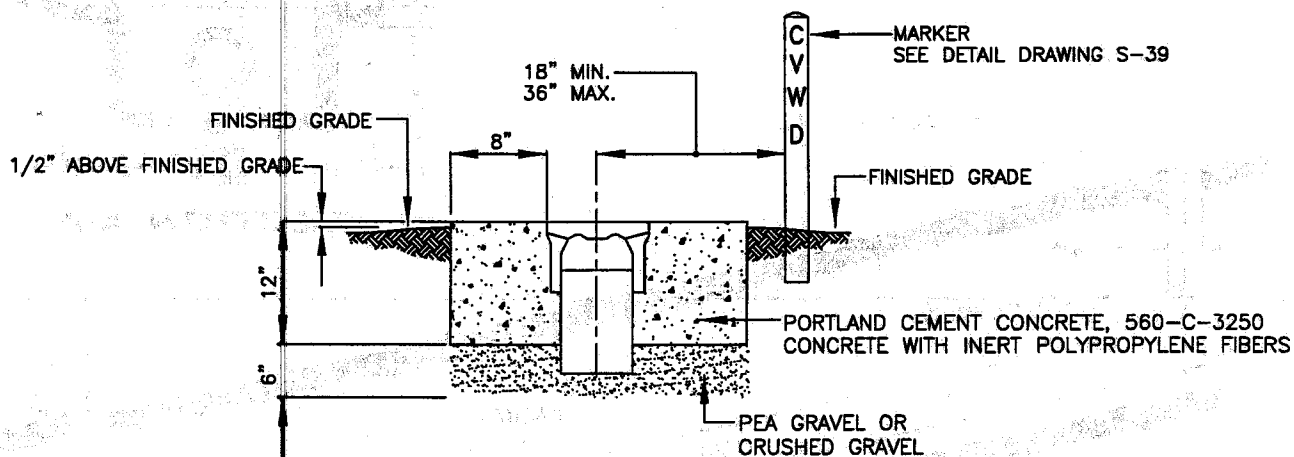
DETAIL OF SLOPE PROTECTION

APPROVAL DATE: OCT 2005 W-26/S-26

TYPICAL INSTALLATION (STREET OR ALLEY)



TYPICAL INSTALLATION
PAVED AREA



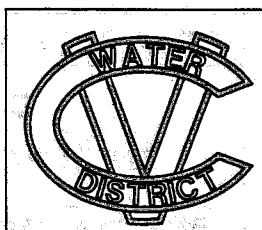
TYPICAL INSTALLATION
UNPAVED AREAS

NOTE:

WHERE VALVE OPERATING NUT IS GREATER THAN 48" BELOW THE SURFACE AN EXTENSION ROD FOR VALVE OPERATION, WITH ATTACHED CIRCULAR CENTERING GUIDE, SHALL BE REQUIRED. THE TOP OF THE EXTENSION ROD SHALL BE MIN. 24" AND MAX. 48" BELOW THE SURFACE.

FOR VALVE OPERATOR WELL CAP & FRAME SEE DETAIL DRAWING S-37

FOR MARKER SEE DETAIL DRAWING S-39

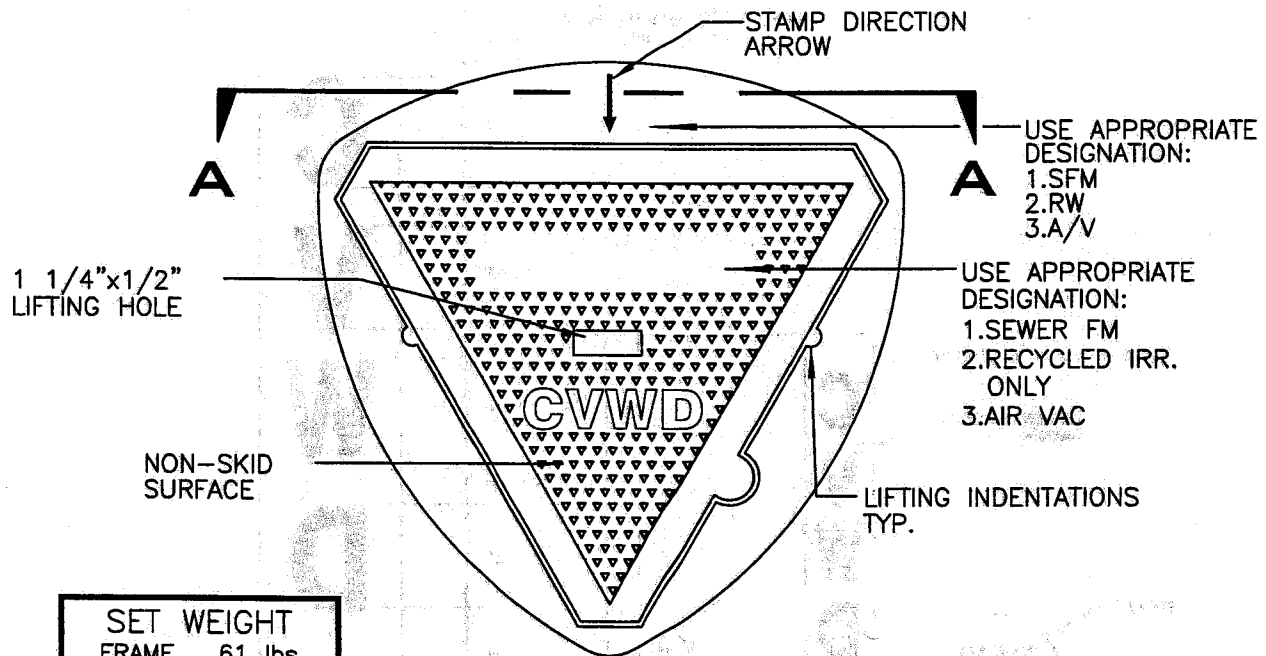


COACHELLA VALLEY WATER DISTRICT

DETAIL OF
VALVE OPERATOR
WELL INSTALLATION

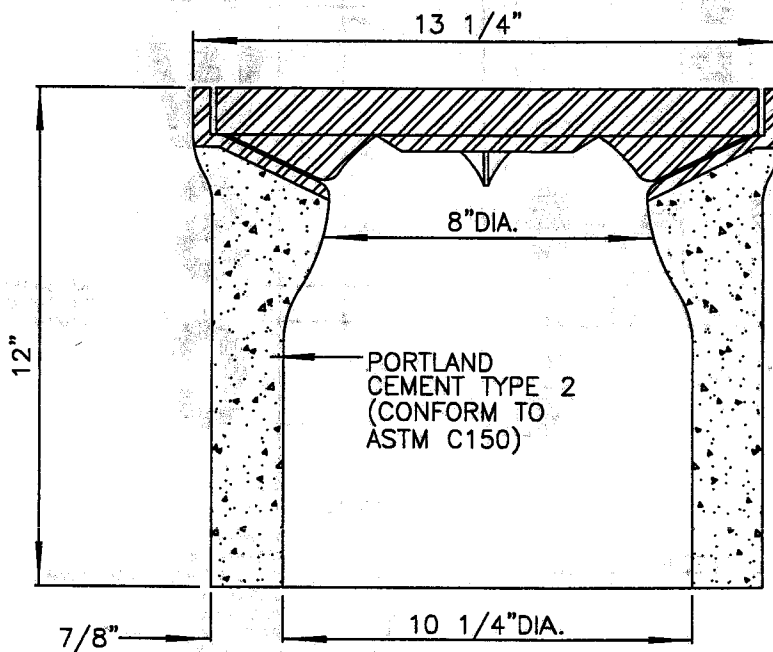
APPROVAL DATE: OCT 2005

S-36



SET WEIGHT	
FRAME	61 lbs
LID	15 lbs
TOTAL	76 lbs

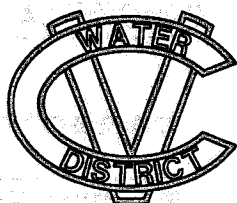
PLAN VIEW



NOTES:

1. ALL METALLIC MATERIALS SHALL BE CAST IRON OR DUCTILE IRON
2. FRAME AND LID SHALL HAVE CAST SEAT AND SIDE TO ASSURE CLOSE FIT.
3. CASTING SHALL BE DIPPED IN BLACK BITUMINOUS PAINT.
4. FOR INSTALLATION, SEE DETAIL DRAWING S-36.
5. FRAME AND LID SHALL EQUAL OR EXCEED H-20 WHEEL LOADING.
6. APPROVED MODELS:
4CV LID &
4CV FRAME W/ CONCRETE
AS MANUFACTURED BY
SOUTH BAY FOUNDRY OR EQUAL
7. LID SHALL BE PAINTED IRVINE PURPLE NO. 74-R0-641 BY TNEDEC OR EQUAL IF USED FOR RECYCLED WATER SERVICE

SECTION A-A

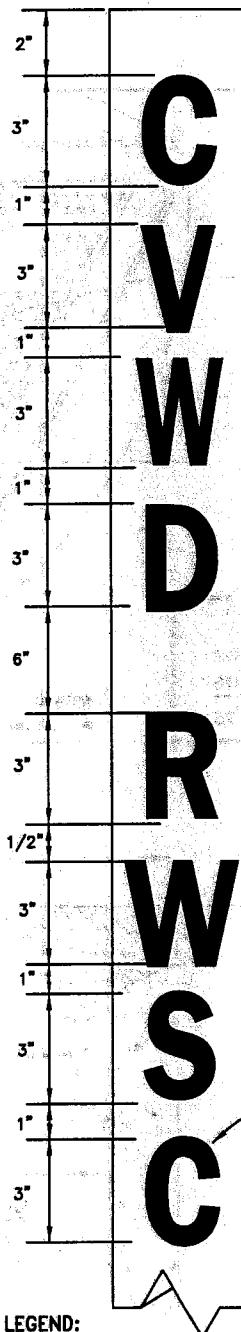
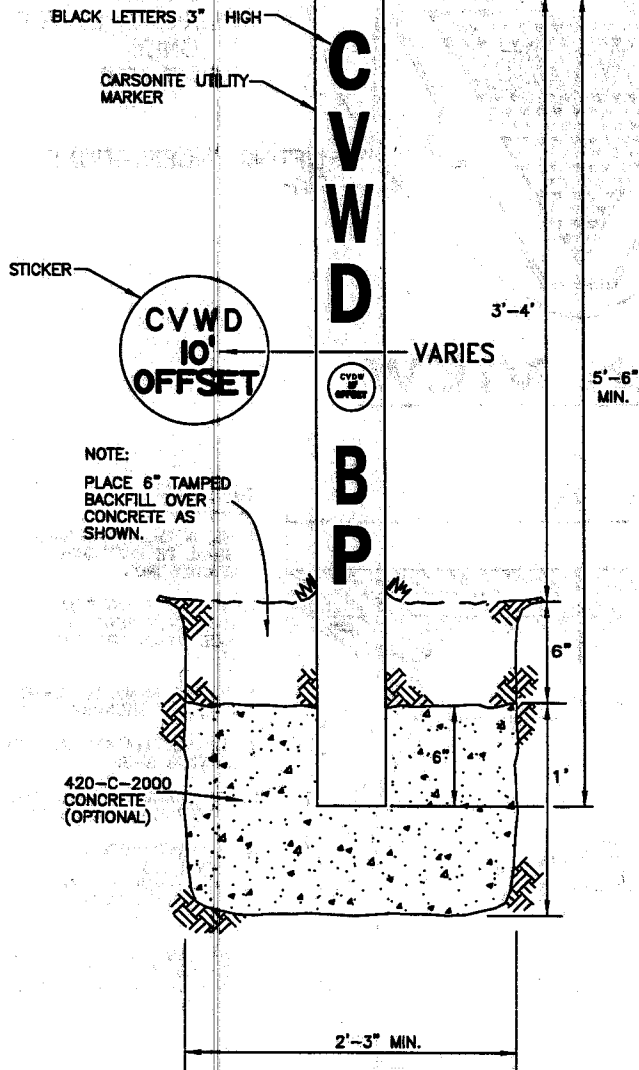


COACHELLA VALLEY WATER DISTRICT
DETAIL OF
VALVE OPERATOR WELL CAP
AND FRAME

APPROVAL DATE: OCT 2005

S-37

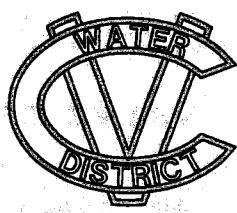
CARSONITE UTILITY MARKER
TO BE WHITE



SEE LEGEND
FOR PROPER
MARKINGS

LEGEND:

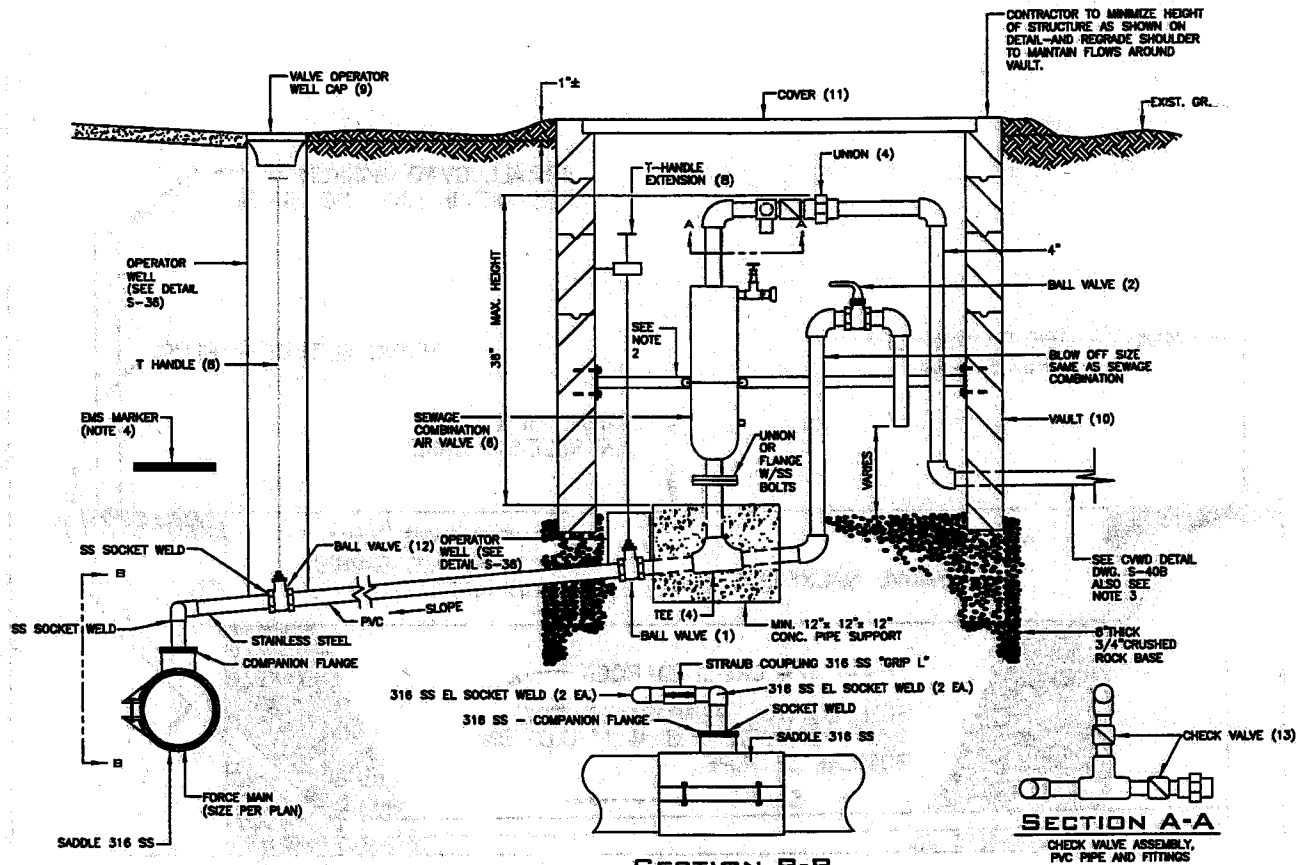
- B.O. = BLOW-OFF
- A.V. = AIR-VAC RELIEF VALVE
- R/W S.C. = RIGHT OF WAY STORM CHANNEL
- W.L. = WATER LINE
- G.V. = GATE VALVE
- P.R. = PRESSURE REGULATOR
- L.V. = LINE VALVE
- M.H. = MANHOLE
- C.P.T.S. = CATHODIC PROTECTION TEST STATION
- B.P. = BURIED PIPE



COACHELLA VALLEY WATER DISTRICT

DETAIL OF
CARSONITE UTILITY MARKER

APPROVAL DATE: OCT 2005 W-27/S-39



MATERIAL SCHEDULE

- 1 BALL VALVE, BURIED
- 2 BALL VALVE, NON BURIED
- 3 COVER AND VAULT INTERIOR
- 4 PIPE AND FITTINGS
- 5 TAPPED REPAIR CLAMP OR TAPPING SLEEVE
- 6 SEWAGE COMBINATION AIR VALVE, TRIM AND HARDWARE
- 7 SWING JOINT ASSEMBLY
- 8 T-HANDLE
- 9 VALVE OPERATOR WELL CAP
- 10 VAULT
- 11 VAULT COVER
- 12 BALL VALVE, BURIED
- 13 CHECK VALVE

304 STAINLESS STEEL OR PVC, INDUSTRIAL DUTY, FOR BURIED CORROSIVE SERVICE, AND CAPTIVE T-HANDLE EXTENSION, AS SHOWN.

304 STAINLESS STEEL OR PVC INDUSTRIAL DUTY W/OPERATING LEVER
COAT ENTIRE INTERIOR INCLUDING UNDERSIDE OF COVER WITH 50 MIL HIGH-BUILD POLYURETHANE (SANCON OR APPROVED EQUAL)

SCHEDULE 80 PVC, SOLVENT WELD OR THREADED, 225 PSI MINIMUM OPERATING PRESSURE

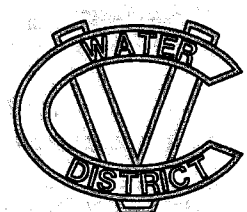
ALL STAINLESS STEEL GRADE 18-8, TYPE 304, FULL CIRCLE TYPE. 4" DIA. AND LARGER TAP SHALL BE FLANGED

STAINLESS STEEL VENT-O-MAT 050RGX1021 W/TOP OUTLET OR A.R.I. D-020 (SIZE PER PLAN)

SCHEDULE 80 TYPE 316 STAINLESS STEEL WELDED
STAINLESS STEEL, SHALL BE MARKED OR TAGGED "1/4 TURN OFF"
SEE C.V.W.D. STANDARD DETAIL S-37
BROOKS 4"-6" X 6"-6" CONCRETE OR EQUAL VAULT
H20 GALVANIZED 2 PIECE STEEL COVER WITH SUPPORT BEAM
304 STAINLESS STEEL WITH CAPTIVE T-HANDLE EXTENSION AS SHOWN
ALL 316 STAINLESS STEEL OR PVC SWING CHECK VALVE (OUTSIDE LEVER AND WEIGHT OR SPRING)

NOTES

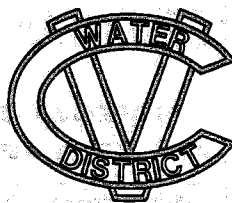
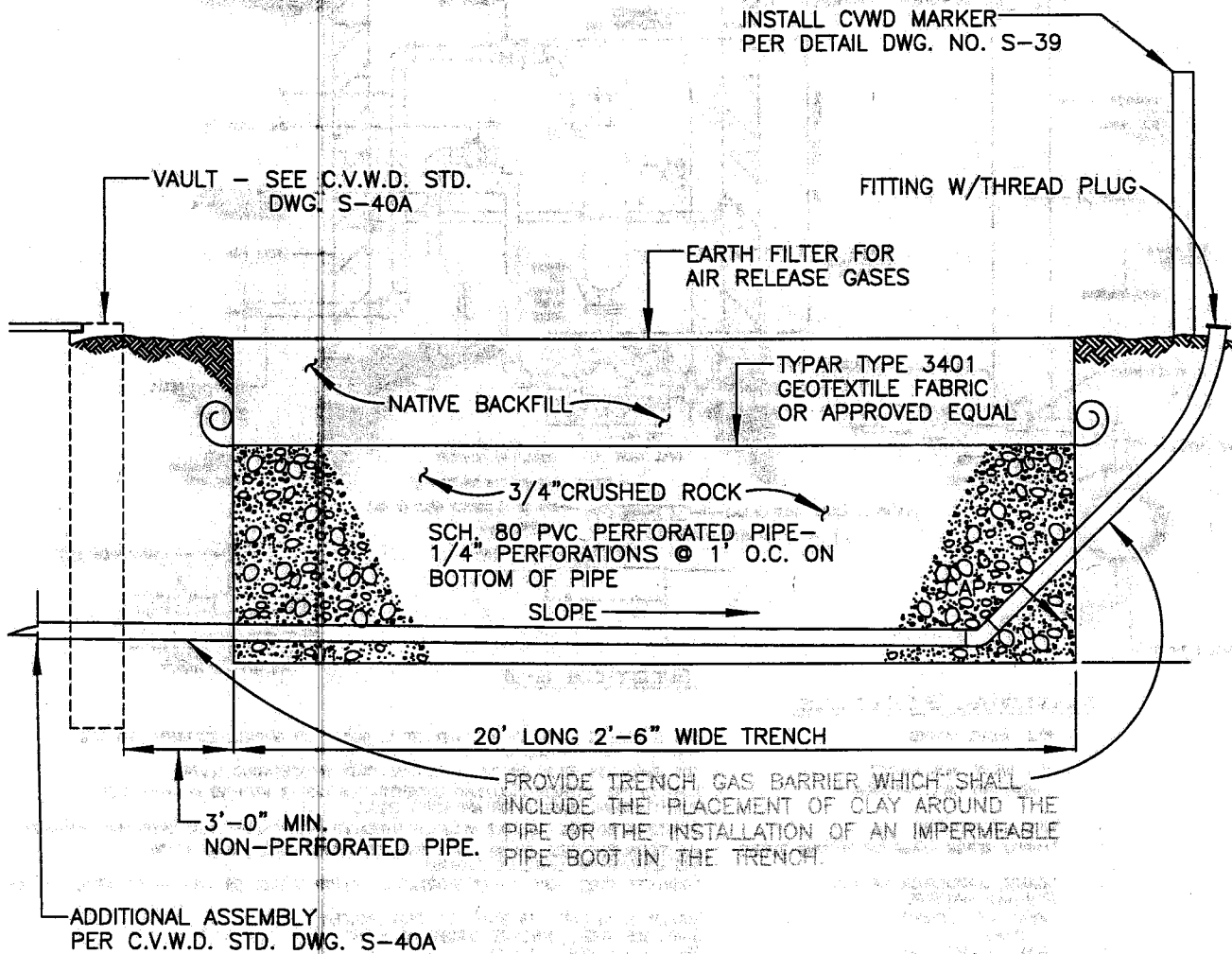
- 1 ALL ITEMS REQUIRE APPROVAL BY CVWD PROJECT ENGINEER BEFORE INSTALLATION
- 2 SECURE WITH STRUT AND U-BOLT, GALVANIZED. USE 3/8" STAINLESS STEEL HILTI QUICK STUDS, 2 EA. AT WALL FACE. STRUT MAY BE COATED AFTER INSTALLATION.
- 3 DISCHARGE TO ADJACENT SEWER MANHOLE MAY BE PERMITTED WITH CVWD APPROVAL.
- 4 PLACE EMS MARKER OVER MAIN BETWEEN 2 AND 3 FEET IN DEPTH AS SHOWN
- 5 THE DIAMETER OF THE PIPING AND APPURTENANCES SHALL BE THE SAME SIZE OR LARGER THAN THE SPECIFIED SIZE OF THE AIR RELEASE AND AIR/VAC ASSEMBLY
- 6 THE SIZE OF THE AIR RELEASE AND AIR/VAC ASSEMBLIES ARE IDENTIFIED ON THE PLANS OR SPECIFICATIONS.



COACHELLA VALLEY WATER DISTRICT

**DETAIL OF
OFFSET SEWAGE FORCE MAIN
AIR RELEASE & AIR/VAC ASSEMBLY**

APPROVAL DATE: OCT 2005 S-40A

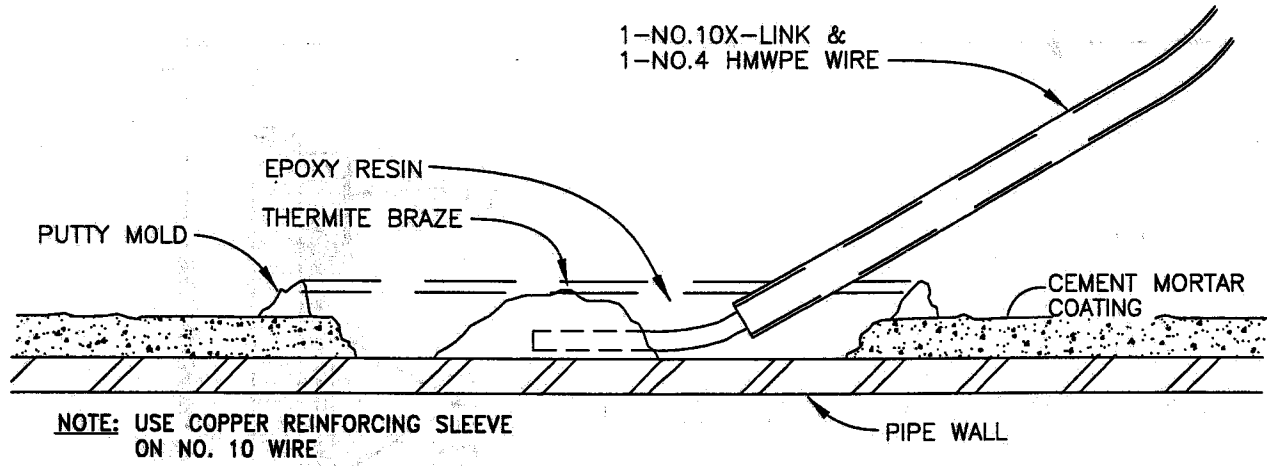


COACHELLA VALLEY WATER DISTRICT

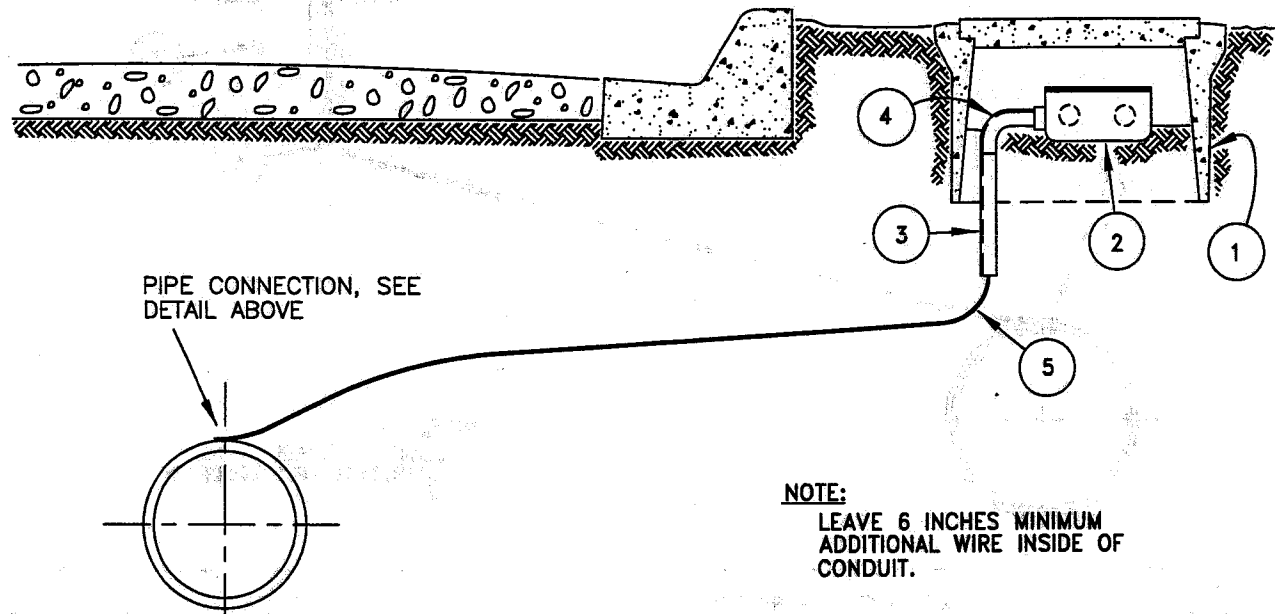
DETAIL OF
AIR RELEASE AND
AIR VACUUM ASSEMBLY DISCHARGE

APPROVAL DATE: OCT 2005

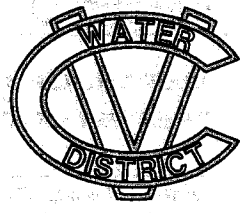
S-40B



WIRE TO PIPE CONNECTION DETAIL



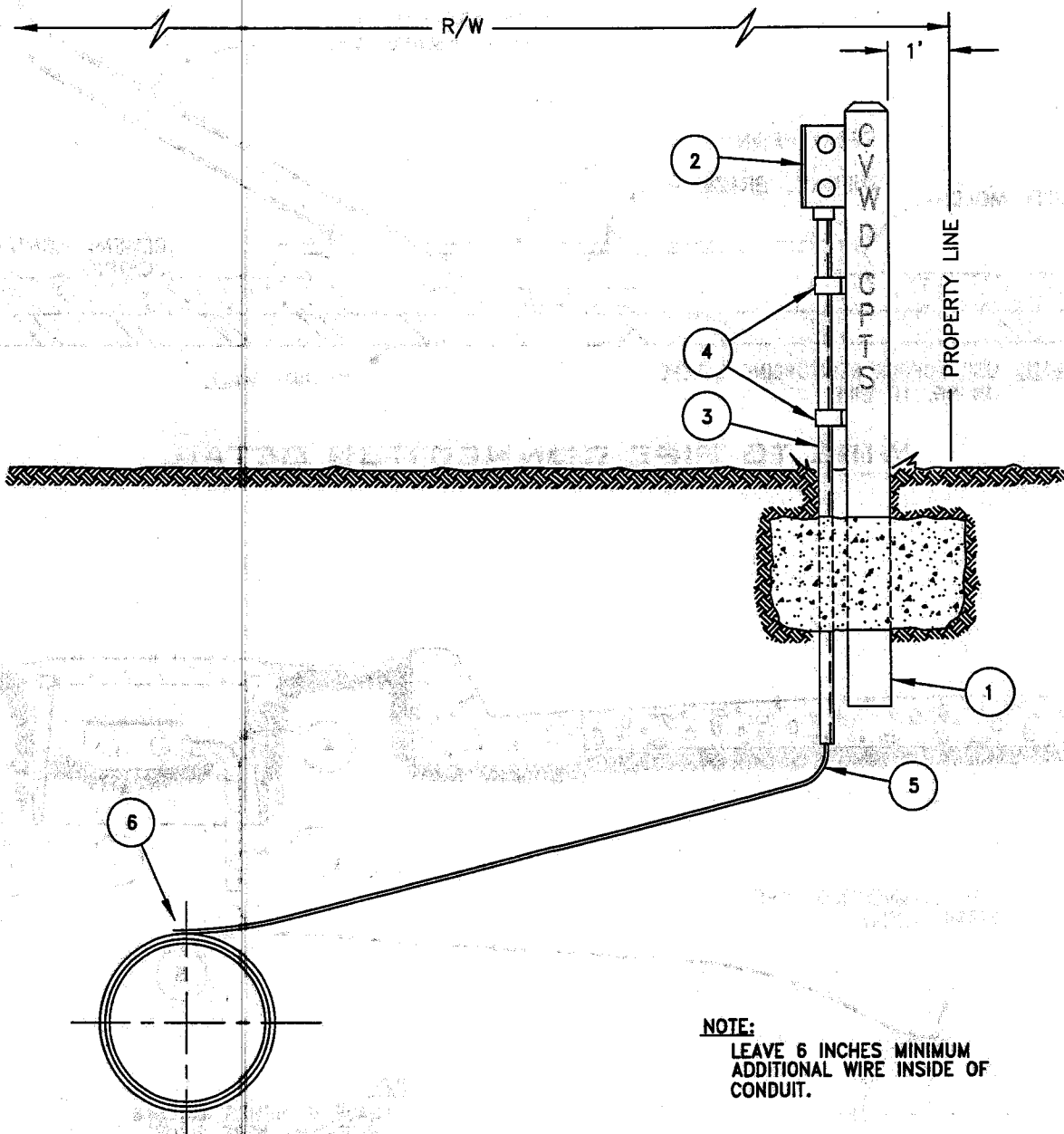
ITEM NO.	NO. REQ.	SIZE AND DESCRIPTION	REMARKS
1	1	BROOKS NO. 33 METER BOX & LID	SEE DETAIL DWG. W-5/S-43
2	1	1" PVC CONDUIT W/ GASKETED COVER TYPE C	
3	18"	1" SCHEDULE 80 PVC CONDUIT	
4	1	1" SCHEDULE 80 LONG RADIUS 90° ELL	
5	1 ea	NO. 10 X-LINK & NO. 4 HMWPE WIRE	



COACHELLA VALLEY WATER DISTRICT

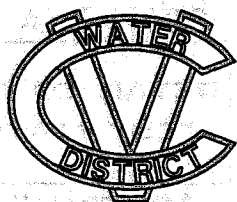
DETAIL OF CATHODIC PROTECTION TEST STATION-IMPROVED AREAS

APPROVAL DATE: OCT 2005 | W-36/S-41



NOTE:
LEAVE 6 INCHES MINIMUM
ADDITIONAL WIRE INSIDE OF
CONDUIT.

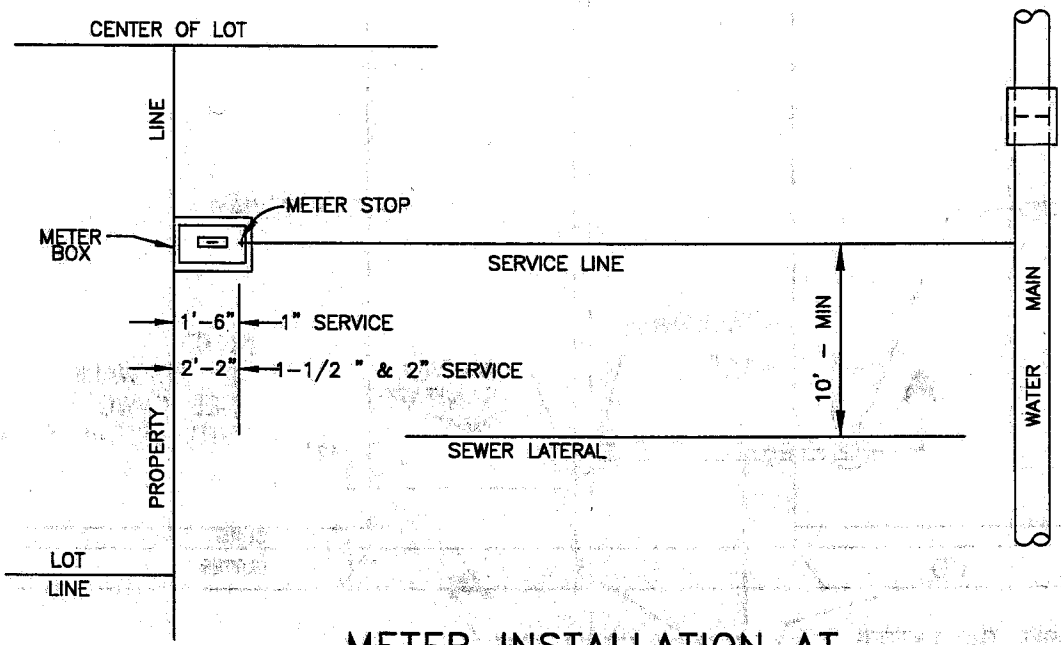
ITEM NO.	NO. REQ.	SIZE AND DESCRIPTION	REMARKS
1	1	STANDARD MARKER	
2	1	1" PVC CONDUIT W/ GASKETED COVER TYPE C	
3	5'	1" SCH. 80 PVC CONDUIT	
4	2	2 HOLE CONDUIT STRAP W/ ALUMINUM NAILS	
5	1 ea	NO. 10 X-LINK & NO. 4 HMWPE WIRE	
6	1	WIRE TO PIPE CONNECTION	SEE DETAIL DWG. W-36/S-41



COACHELLA VALLEY WATER DISTRICT

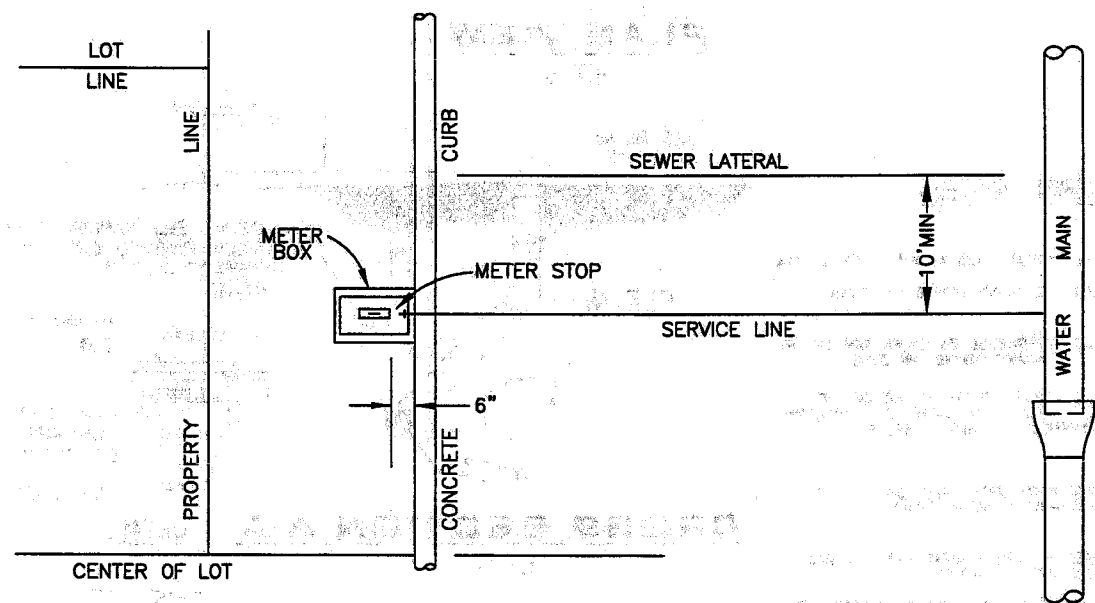
**DETAIL OF CATHODIC PROTECTION
TEST STATION-UNIMPROVED AREAS**

APPROVAL DATE: OCT 2005 W-37/S-42

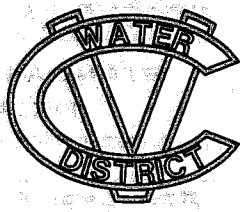


METER INSTALLATION AT PROPERTY LINE

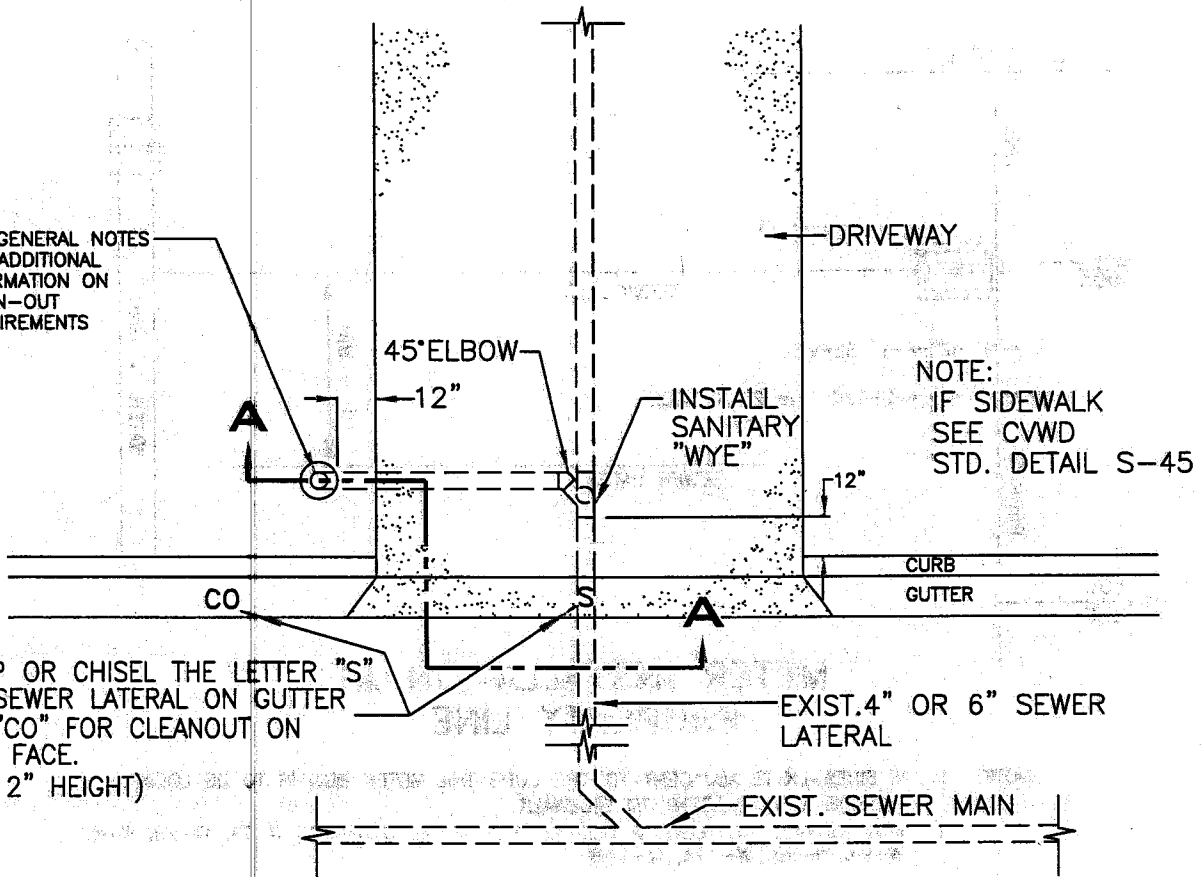
- NOTE:
1. IF SIDEWALK IS ADJACENT TO THE CURB THE METER BOX IS TO BE LOCATED OUTSIDE AND ADJACENT TO SIDEWALK.
 2. FOR SERVICE INSTALLATION DETAILS, SEE DETAIL DRAWINGS W-7A, W-7B, W-8, W-9A, W-9B, W-11A, W-11B



METER INSTALLATION AT CONCRETE CURB LINE

	COACHELLA VALLEY WATER DISTRICT	
	GENERAL LOCATION OF SEWER LATERAL AND WATER METER / WATER SERVICE INSTALLATION	
	APPROVAL DATE: OCT 2005	W-5/S-43

SEE GENERAL NOTES FOR ADDITIONAL INFORMATION ON CLEAN-OUT REQUIREMENTS



NOTE:
IF SIDEWALK
SEE CVWD
STD. DETAIL S-45

STAMP OR CHISEL THE LETTER "S" FOR SEWER LATERAL ON GUTTER AND "CO" FOR CLEANOUT ON CURB FACE. (MIN. 2" HEIGHT)

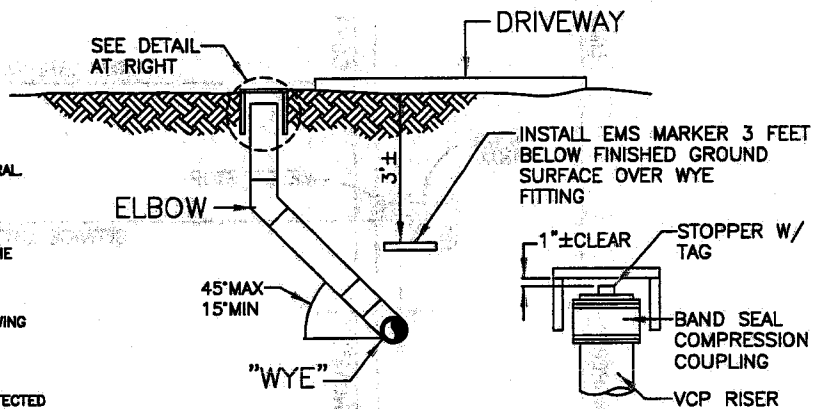
PLAN VIEW
N.T.S.

GENERAL NOTES

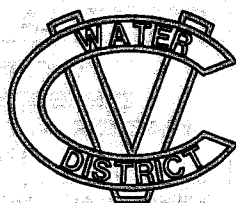
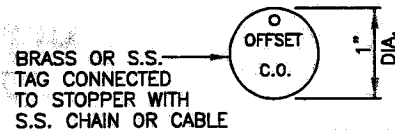
1. THE CLEAN-OUT SHALL BE THE SAME SIZE AS THE SEWER LATERAL.
2. THE WYE SHALL BE LOCATED 12 INCHES BEHIND THE CURB.
3. THE CLEAN-OUT SHALL BE CONSTRUCTED ON EITHER SIDE OF THE DRIVEWAY, APPROXIMATELY 12 INCHES BEHIND THE CURB.
4. THE CLEAN-OUT SHALL BE LOCATED ON EITHER SIDE OF THE DRIVEWAY AND SHALL BE CONSTRUCTED AS SHOWN ON THIS DRAWING AND BE PROTECTED AS REQUIRED IN CASES A THRU B

CASES

- A. CLEAN-OUTS LOCATED IN GREENBELT AREA SHALL BE PROTECTED BY A STANDARD CLEAN-OUT COVER AT GRADE.
- B. CLEAN-OUTS LOCATED IN PLANTER AREAS SHALL BE RAISED 3-INCHES ABOVE THE SURROUNDING GRADE.
5. THE TOTAL HORIZONTAL AND VERTICAL CHANGES IN DIRECTION SHALL NOT EXCEED 120 DEGREES.



CROSS SECTION A-A
N.T.S.

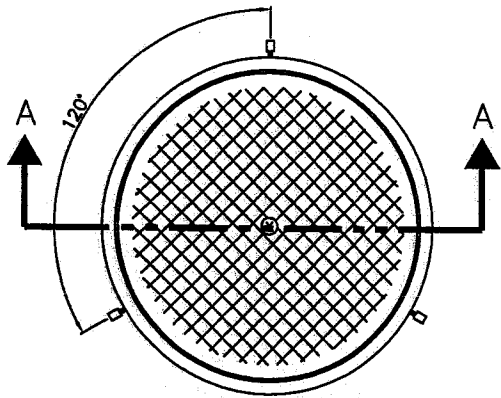


COACHELLA VALLEY WATER DISTRICT

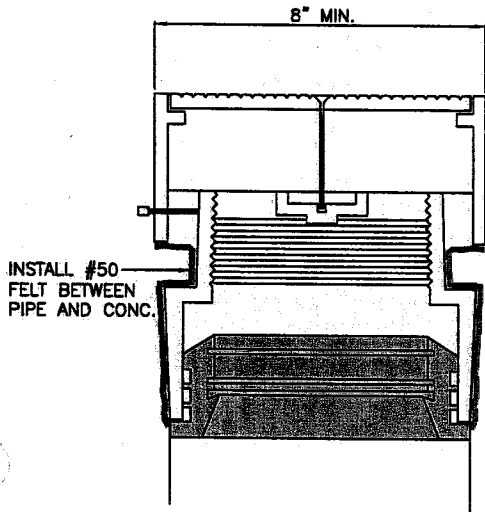
**STANDARD OFFSET CLEAN-OUT
DETAIL FOR LATERAL
UNDER DRIVEWAY WITH NO SIDEWALK**

APPROVAL DATE: OCT 2005

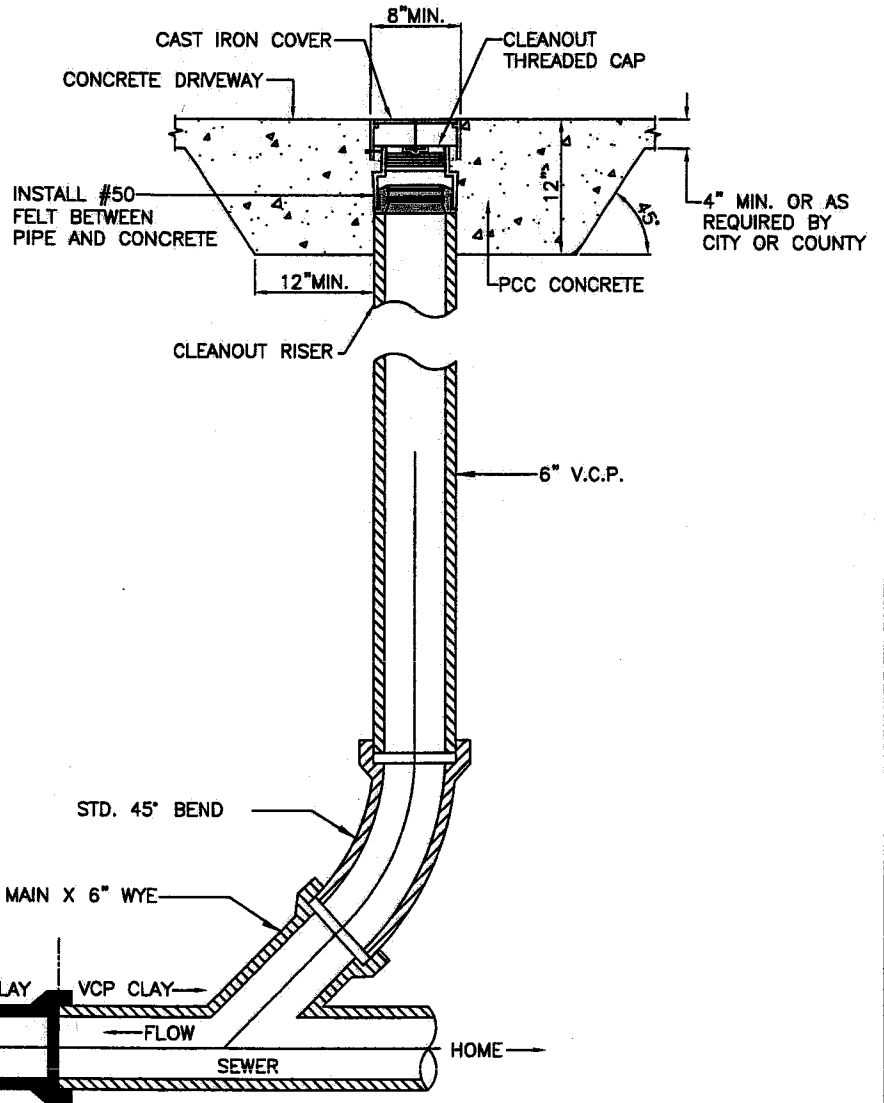
S-44



PLAN VIEW

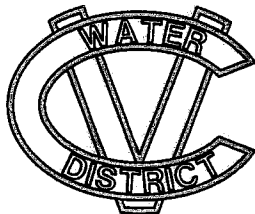


SECTION A-A



NOTE:

1. CONCRETE SHALL BE 520-C-2500
2. FINISH LINE ADJUSTABLE CLEAN-OUT (834 SERIES) OR APPROVED EQUAL
3. CLEANOUTS SHALL BE CAST IRON W/LOAD RATING GREATER THAN 10,000 PSI
4. CLEANOUTS SHALL BE ADJUSTED TO DRIVEWAY GRADE PRIOR TO DRIVEWAY CONCRETE POUR
5. MARK (S W/CO) ON TOP OF CURB



COACHELLA VALLEY WATER DISTRICT

**STANDARD CLEAN-OUT
IN DRIVEWAY**

APPROVAL DATE: JANUARY 2009

S-44A



OFFICE OF
CLERK OF THE BOARD OF SUPERVISORS
1st FLOOR, COUNTY ADMINISTRATIVE CENTER
P.O. BOX 1147, 4080 LEMON STREET
RIVERSIDE, CA 92502-1147
PHONE: (951) 955-1060
FAX: (951) 955-1071

KECIA HARPER-IHEM
Clerk of the Board of Supervisors

KIMBERLY A. RECTOR
Assistant Clerk of the Board

August 11, 2010

THE DESERT SUN
ATTN: LEGALS
PO BOX 2734
PALM SPRINGS, CA 92263

FAX (760) 778-4731
E-MAIL: legals@thedesertsun.com

RE: NOTICE INVITING BIDS: THERMAL WATER & SEWER IMPROVEMENTS PROJ. (RE-BID)

To Whom It May Concern:

Attached is a copy for publication in your newspaper for **TWO (2) Fridays: August 13 and 20, 2010.**

We require your affidavit of publication immediately upon completion of the last publication.

Your invoice must be submitted to this office in duplicate, WITH TWO CLIPPINGS OF THE PUBLICATION.

NOTE: PLEASE COMPOSE THIS PUBLICATION INTO A SINGLE COLUMN FORMAT.

Thank you in advance for your assistance and expertise.

Sincerely,

Mcgil

Cecilia Gil, Board Assistant to
KECIA HARPER-IHEM, CLERK OF THE BOARD

Gil, Cecilia

From: Moeller, Charlene [CMOELLER@palmspri.gannett.com]
Sent: Wednesday, August 11, 2010 8:40 AM
To: Gil, Cecilia
Subject: RE: FOR PUBLICATION: THERMAL WATER & SEWER IMPROVEMENTS PROJ.

Ad received and will publish on date(s) requested.

Charlene Moeller
Public Notice Customer Service Rep.
The Desert Sun Newspaper
750 N. Gene Autry Trail, Palm Springs, CA 92262
(760) 778-4578, Fax (760) 778-4731
Desert Sun legals@thedesertsun.com
& Desert Post Weekly dpwlegals@thedesertsun.com
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NOTE: Starting on March 29th, there will be a \$10 affidavit processing fee added to the cost of each Public Notice

From: Gil, Cecilia [mailto:CCGIL@rcbos.org]
Sent: Wednesday, August 11, 2010 7:32 AM
To: tds-legals
Subject: FOR PUBLICATION: THERMAL WATER & SEWER IMPROVEMENTS PROJ.

Good Morning! Attached is a Notice Inviting Bids, for publication on 2 Fridays: August 13 and 20, 2010. Please confirm.
THANK YOU!

Cecilia Gil
Board Assistant to the
Clerk of the Board of Supervisors
951-955-8464

**THE COUNTY ADMINISTRATIVE CENTER IS CLOSED EVERY FRIDAY UNTIL FURTHER NOTICE.
PLEASE CONSIDER THE ENVIRONMENT BEFORE PRINTING.**

NOTICE INVITING BIDS

THERMAL WATER AND SEWER IMPROVEMENTS

Prospective bidders are hereby notified that the REDEVELOPMENT AGENCY FOR THE COUNTY OF RIVERSIDE (Owner) will receive sealed bid proposals for THERMAL WATER AND SEWER IMPROVEMENTS. Such proposals will be received until **Wednesday, September 1, 2010 at 2:00 PM** at office of the Clerk of the Board, 4080 Lemon Street, 1st Floor, Riverside, California, 92501, at which time said bids will be publicly opened and read.

A pre-bid meeting will not be held for this project.

Prospective bidders shall be licensed Contractors in the State of California and be qualified to perform the Work specified in the Contract Documents. Pursuant to Public Contract Code Section 3300, bidders (Contractors) shall possess active and current Contractor's License, Class A or C34, which shall be maintained through the course of the Work.

Owner reserves the right to reject any and all proposals and to waive any irregularity. If Owner elects to award a contract for the Work, the award will be made within 60 days from the date of the bid opening. Bids shall be valid for said 60 day period.

Each bid proposal must be accompanied by cash, a certified or cashier's check, or bid bond issued by a surety admitted in and regulated by the State of California and further, if the work or project is financed in whole or in part with federal grant or loan funds, listed in the Treasury Department's most current Circular 570 (bid bond shall be submitted on the form included in the Contract Documents or on an equivalent form approved by Owner) for an amount not less than ten percent (10%) of the maximum amount bid. Said check or bond shall be made payable to REDEVELOPMENT AGENCY FOR THE COUNTY OF RIVERSIDE and, when delivered with a proposal, shall constitute a guarantee that bidder will, if an award is made to him in accordance with the terms of said bidder's proposal: execute a Contract in the Owner's standard form, together with Labor Code Certification thereon; furnish Contract Performance and Payment Bonds with a corporate surety or sureties satisfactory to the Owner, each for not less than 100 percent of the bid price; furnish Certificates of Insurance evidencing that all insurance coverage required by the Contract has been secured.

Owner has obtained from the Director of the State of California Department of Industrial Relations the general prevailing rate of per diem wages and the general prevailing rate for holiday and overtime work. Said rates are on file at the Owner's office and they will be made available to any interested party upon request. Said rates can also be obtained from the State of California website (www.dir.ca.gov/dlsr/pwd). Each Contractor to whom a Contract is awarded must pay the prevailing rates and post copies thereof at the job site.

Bidder is advised that Contractor may, at his sole cost and expense, substitute securities equivalent to any monies withheld by the Owner to insure performance under the Contract. Such securities shall be deposited with the Owner or with a State or Federally Chartered Bank as escrow agent who shall pay such monies to the Contractor upon satisfactory completion of the Contract. The Contractor shall be the beneficial owner of any securities substituted for monies withheld and shall receive any interest thereon. Securities eligible for substitution shall include those listed in Public Contract Code Section 22300. Alternatively, the Contractor may request to have earned retentions paid directly to the escrow agent in accordance with Public Contract Code Section 22300.

Contract Documents may be obtained from Krieger & Stewart, Incorporated, 3602 University Avenue, Riverside, California, 92501, upon payment of a two hundred ten dollar (\$210.00) non-refundable fee. Contract Documents will be mailed upon payment of an additional fifteen dollar (\$15.00) non-refundable fee. **MAKE ALL CHECKS PAYABLE TO "KRIEGER & STEWART"**.

For further information, contact Sinisa Saric at Krieger & Stewart, whose telephone number is (951) 684-6900 or Project Manager Araceli Castro at (760) 863-2552 of Redevelopment Agency.

Dated: August 11, 2010

Kecia Harper-Ihem, Clerk of the Board
By: Cecilia Gil, Board Assistant

The Desert Sun

mydesert.com

750 N. Gene Autry Trail
Palm Springs, CA 92262
Billing Inquiries: (866) 875-0854
Main Office: (760) 322-8889

ADVERTISING INVOICE/STATEMENT

Make Checks payable to DESERT SUN PUBLISHING CO.
P.O. Box 677368 Dallas, TX 75267-7368
A finance charge of 1.5% per month(18% Annually) will be added to balances not paid by the 20th.

108

RIV0690000038316110099408810822

RIVERSIDE COUNTY-BOARD OF SUP.
PO BOX 1147
RIVERSIDE CA 92502-1147

Customer No.	Invoice No.
RIV069	0003831611
For the Period	Thru
08/02/10	08/29/10
Due Date	Amount Due
09/13/10	9,940.88
AMOUNT PAID	

PLEASE RETURN THIS TOP SECTION WITH PAYMENT IN THE ENCLOSED ENVELOPE AND INCLUDE YOUR CUSTOMER NUMBER ON REMITTANCE.

Date	EDT	Class	Description	Times Run	Col	Depth	Total Size	Rate	Amount
0802			BALANCE FORWARD						14,090.08
0813			PAYMENT - THANK YOU						4,996.26-
0823			PAYMENT - THANK YOU						8,904.32-
0729	CLS	0001	CECILIA NO 3276 NOTICE O	4	2	269.00	2152.00		909.08
0730	CLS	0001	CECILIA NO 3344 NOTICE I	4	2	114.00	912.00		394.48
0731	CLS	0001	CECILIA NO 3373 NOTICE I	4	2	79.00	632.00		278.28
0804	CLS	0001	CECILIA NO. 3416 BOARD O	2	2	222.00	888.00		384.52
0806	CLS	0001	CECILIA NO. 3453 BOARD O	2	2	515.00	2060.00		870.90
0806	CLS	0001	CECILIA NO 3477 BOARD OF	2	2	77.00	308.00		143.82
0807	CLS	0001	CECILIA GIL NO 3487/PAGE 2	1	10	21.00	210.00		2,450.20
0807	CLS	0001	CECILIA GIL NO 3487/PAGE 1	1	10	14.00	140.00		1,626.80
0808	CLS	0001	CECILIA NO 3488 BOARD OF	2	2	210.00	840.00		364.60
0813	CLS	0001	CECILIA NO 3562 NOTICE I	4	2	111.00	888.00		384.52
0813	CLS	0001	CECILIA NO 3563 NOTICE I	4	2	135.00	1080.00		464.20
0815	CLS	0001	CECILIA NO 3577 NOTICE O	2	2	460.00	1840.00		779.60
0819	CLS	0001	CECILIA NO 3627 BOARD OF	2	2	73.00	292.00		137.18
0820	CLS	0001	CECILIA NO 3648 BOARD OF	2	2	119.00	476.00		213.54
0826	CLS	0001	CECILIA NO 3710 BOARD OF	2	2	201.00	804.00		349.66
Current		Over 30 Days	Over 60 Days	Over 90 Days	Over 120 Days	Total Due			
9,751.38		.00	.00	.00	189.50	9,940.88			
Contract Type	Contract Qnty.	Expiration Date	Current Usage	Total Used	Quantity Remaining	Salesperson			
						MOELLER			

4.3 of 08/10/10

2010 SEP 15 PM 3:13

RECEIVED BY RIVERSIDE COUNTY CLERK/COUNTY OF RIVERSIDE

The Advertiser shall make payment within 15 days of the billing date indicated on Company's statement, and, in the event that it fails to make payment within such time, Company may reject advertising copy and / or immediately cancel this contract and Advertiser agrees to indemnify Company for all expenses incurred in connection with the collection of amounts payable under this contract, including but not limited to collection fees, attorney's fees and court costs. If this agreement is cancelled due to Advertiser's failure to make timely payment, Company may rebill the Advertiser for the outstanding balance due at the open or earned contract rate, whichever is applicable.

TO ENSURE PROPER CREDIT, PLEASE RETURN THE TOP SECTION AND INCLUDE YOUR CUSTOMER NUMBER ON REMITTANCE.

Customer Number	Name	Invoice Number	Amount Paid
RIV069	RIVERSIDE COUNTY-BOARD OF SUP.	0003831611	

**Riverside County Board of Supervisors
Request to Speak**

Submit request to Clerk of Board (right of podium),
Speakers are entitled to three (3) minutes, subject
Board Rules listed on the reverse side of this form.

SPEAKER'S NAME: David R. Cordero - Tri-Star

Address: 15501 Little Morongo Road
(only if follow-up mail response requested)

City: Desert Hot Springs **Zip:** 92240

Phone #: 760 989-0292

Date: 8/10/2010 **Agenda #** 4.3

PLEASE STATE YOUR POSITION BELOW:

Position on "Regular" (non-appealed) Agenda Item:
 Support **Oppose** **Neutral**

Note: If you are here for an agenda item that is filed
for "Appeal", please state separately your position on
the appeal below ✓

Support **Oppose** **Neutral**

I give my 3 minutes to: _____

BOARD RULES

Requests to Address Board on "Agenda" Items:

You may request to be heard on a published agenda item. Requests to be heard must be submitted to the Clerk of the Board before the scheduled meeting time.

Requests to Address Board on items that are "NOT" on the Agenda:

Notwithstanding any other provisions of these rules, member of the public shall have the right to address the Board during the mid-morning "Oral Communications" segment of the published agenda. Said purpose for address must pertain to issues which are under the direct jurisdiction of the Board of Supervisors. YOUR TIME WILL BE LIMITED TO THREE (3) MINUTES.

Power Point Presentations/Printed Material:

Speakers who intend to conduct a formalized Power Point presentation or provide printed material must notify the Clerk of the Board's Office by 12 noon on the Monday preceding the Tuesday Board meeting, insuring that the Clerk's Office has sufficient copies of all printed materials and at least one (1) copy of the Power Point CD. Copies of printed material given to the Clerk (by Monday noon deadline) will be provided to each Supervisor. If you have the need to use the overhead "Elmo" projector at the Board meeting, please insure your material is clear and with proper contrast, notifying the Clerk well ahead of the meeting, of your intent to use the Elmo.

Individual Speaker Limits:

Individual speakers are limited to a maximum of three (3) minutes. Please step up to the podium when the Chairman calls your name and begin speaking immediately. Pull the microphone to your mouth so that the Board, audience, and audio recording system hear you clearly. Once you start speaking, the "green" podium light will light. The "yellow" light will come on when you have one (1) minute remaining. When you have 30 seconds remaining, the "yellow" light will begin flash, indicating you must quickly wrap up your comments. Your time is up when the "red" light flashes. The Chairman adheres to a strict three (3) minutes per speaker. **Note: If you intend to give your time to a "Group/Organized Presentation", please state so clearly at the very bottom of the reverse side of this form.**

Group/Organized Presentations:

Group/organized presentations with more than one (1) speaker will be limited to nine (9) minutes at the Chairman's discretion. The organizer of the presentation will automatically receive the first three (3) minutes, with the remaining six (6) minutes relinquished by other speakers, as requested by them on a completed "Request to Speak" form, and clearly indicated at the front bottom of the form.

Addressing the Board & Acknowledgement by Chairman:

The Chairman will determine what order the speakers will address the Board, and will call on all speakers in pairs. The first speaker should immediately step to the podium and begin addressing the Board. The second speaker should take up a position in one of the chamber aisles in order to quickly step up to the podium after the preceding speaker. This is to afford an efficient and timely Board meeting, giving all attendees the opportunity to make their case. Speakers are prohibited from making personal attacks, and/or using coarse, crude, profane or vulgar language while speaking to the Board members, staff, the general public and/or meeting participants. Such behavior, at the discretion of the Board Chairman may result in removal from the Board Chambers by Sheriff Deputies.



MEMORANDUM

RIVERSIDE COUNTY COUNSEL

CONFIDENTIAL
ATTORNEY-CLIENT PRIVILEGE

DATE: September 13, 2010

TO: Jane Jennings
Clerk of the Board

FROM: Marsha L. Victor
Principal Deputy County Counsel

RE: Bids for Thermal Water & Sewer Improvement Project

The three bids submitted for the above referenced project have been reviewed by this office. The bids are as shown in your summary of bids.

The apparent low bid by Jones Bros. Construction appears to be in appropriate form and would constitute a proper basis for award of a contract.

All documents submitted are returned herewith.


MLV/tr

cc: Anna Rodriguez
Joaquin Tijerina
Redevelopment Agency

Enclosures

Bid Summary

TO:	Pamela J. Walls County Counsel	PROJECT:	Thermal Water & Sewer Improvements Project
FROM:	Jane Jennings 955-8092 Board Assistant COB	BID DATE:	09/1/10
Project Mgr:	Anna Rodriguez - EDA 760-863-2552	BID TIME:	2:00 p.m.
		ITEM/DATE:	#4.3 of 8/10/10

(PLEASE REFER ALL QUESTIONS TO THE PROJECT MANAGER)

CONTRACTORS

BASE BID AMOUNT

Jones Bros. Construction P.O. Box 905 85-989 Ave 52 Coachella, CA 92236 (760) 347-2291	\$ 12,451,068.00
----------------------------------------------------------------------------------------------------	------------------

Tri-Star Contracting II, Inc. 15501 Little Morongo Rd. Desert Hot Springs, CA 92240 (760) 251-5454	\$ 12,976,899.58
-------------------------------------------------------------------------------------------------------------	------------------

Mike Bubalo Construction Co. Inc. 5102 Gayhurst Ave. Baldwin Park, CA 91706 (626) 960-7787	\$ 17,894,916.00
-----------------------------------------------------------------------------------------------------	------------------

RECEIVED
SEP 3 2010
COUNTY COUNSEL

BIDDING DOCUMENTS

FOR
THERMAL WATER AND SEWER IMPROVEMENTS

A. INSTRUCTIONS TO BIDDERS

1. Responsible Bidders

Bidders are advised that in selecting a Contractor, Owner reserves the right to consider the financial responsibility and general competency of each Bidder, his trustworthiness, quality, fitness, capacity, and experience to satisfactorily perform the public works contract, as well as his reputation within the industry. Owner expects each Bidder to fully and truthfully disclose all information required of the Bidder by the Bidding Documents. Each Bidder must be properly licensed and must sign and submit with his Proposal the Bidder's Statement of Experience, Bidding Sheets, and Certified Data Sheet. Please note that similar information is required in said Bidder's Statement of Experience with respect to any proposed subcontractors (Not required for materials only proposal).

2. Completion of Bid Proposal and Supporting Documents

Bidder shall submit his Bid Proposal on the forms contained within the Bid Proposal Packet located in the back of the original, bound, numbered set of Contract Documents issued by Owner directly to Bidder. Owner will not accept proposals submitted on forms other than those contained within said Bid Proposal Packet included in the original, numbered set of Contract Documents. Any addenda or bulletins issued prior to the bid shall be incorporated into the Bid Proposal and shall be evidenced by Bidder's inclusion of the signed acknowledgement of receipt for each addendum or bulletin with Bidder's submitted Proposal.

Bidder shall complete the attached Bid Proposal and supporting documents including any addenda or bulletins issued before receipt of bids and public opening of same together with Statement of Experience (not required for materials only proposal), Bid Schedule, Certified Data, Certified Worker Craft and Classification, Certification of Bidder's Work Site Inspection, Statement on Bonds and Insurance, Certification of Bidding Documents, Non-Collusion Affidavit, and Bid Proposal Guarantee.

Bidder shall complete in ink each blank on each page. Each entry shall be printed by hand. The completed forms shall be without alterations, erasures, or interlineations. Bidder shall correct errors by striking or lining out mistakes and entering and initialing corrections immediately thereabove. Unless otherwise provided in the Supplemental Instructions to Bidders, Owner will not consider any proposal which does not include bids on all bid items set forth in the Bid Schedules. Owner will not consider alternative proposals unless they are called for by these instructions or the supplemental instructions appearing in the Bidding Documents themselves.

Owner may, at its sole discretion, reject any bid to which the Bidder has added conditions, limitations, provisions, or any alterations or interlineations. Owner may also, at its discretion, reject any bid for which the Bidder has failed to supply all requested information or has misrepresented any such information or any matter whatever. Pursuant to Business and Professions Code Section 7028.15, Owner will consider non-responsive and reject any bid submitted by a Contractor not licensed as required by law.

3. Omissions and Discrepancies

Should a Bidder find purported discrepancies in, or omissions from the Special Requirements, Basic Specifications, Construction and Standard Drawings, or other documents bound herein, or should Bidder be in doubt as to their meaning, Bidder shall **immediately** notify Owner in writing. Owner may then send written instructions or notification to all Bidders.

4. Signature and Seal

If the bid proposal is made by an individual, it shall be signed and his full name and his address shall be given; if it is made by a partnership, it shall be signed with the partnership name by one of the partners, who shall sign his own name and, in addition, the name and address of each partner shall be given; if it is made by a corporation, the name of the corporation shall be signed by its duly authorized officer, or officers, attested by the corporation seal, and the names and titles of all current officers of the corporation shall be given.

5. Bid Proposal Guarantee

Each bid proposal shall be accompanied by cash, a certified or cashier's check, or bid bond issued by a surety or sureties admitted in and regulated by the State of California and further, if the work or project is financed in whole or in part with federal grant or loan funds, listed in the Treasury Department's most current Circular 570 (bid bond shall be submitted on the form attached herein or on an equivalent form approved by Owner), or equivalent substitution in lieu of a bond as authorized by Public Contract Code Section 20688.25, for an amount not less than 10% of the maximum amount bid.

Said check, bond, or substitute shall be made payable to the Owner and shall be given as a guarantee that the Bidder will enter into the contract described in the Notice Inviting Bids herein if awarded the Work. By submitting a proposal, each Bidder agrees that its failure to enter the contract if awarded the Work would result in damage to the Owner and that it would be impracticable or extremely difficult to ascertain the actual amount of that damage. For this reason, each Bidder agrees that the Owner may retain the bid proposal guarantee as liquidated damages if the Bidder is awarded the Work but fails to or refuses to timely enter the contract.

6. Packaging and Delivery of Bid Proposal and Guarantee

Once the Bid Proposal and supporting documents herein have been completed and signed as set forth above, they shall be placed, along with the Bid Proposal Guarantee and any proposed sketches and brochures required by these instructions, in an envelope, sealed and addressed and delivered or mailed, postage prepaid to:

**County of Riverside
Clerk of the Board
4080 Lemon Street, 1st Floor
Riverside, CA 92501**

Said envelope shall also contain the following in the lower left-hand corner thereof:

Bid Proposal of _____ (Bidder's Name) _____
_____ for _____ (Project Name Appearing on Cover Sheet)

No consideration shall be given by the Owner to bid proposals received after the date and time set by the Notice Inviting Bids herein for the opening of bids.

7. Withdrawal of Bid Proposal

Any Bidder may, without prejudice, withdraw his bid proposal at any time prior to the date and time set by the Notice Inviting Bids herein for the opening of bids; provided that any request to withdraw is made in writing and duly executed by the Bidder or the Bidder's duly authorized

representative and delivered to the Owner's Secretary at the address set forth in Instruction 6 herein. A bid proposal shall be deemed withdrawn once it has been delivered by the Owner to the Bidder requesting withdrawal, either by personal delivery or deposit in the United States mail, addressed to the address originally given by the Bidder. After withdrawal, the Owner will not recognize modifications of bid proposals attempted by methods other than as set forth in Instruction 8 herein.

8. Modification of Bid Proposal

Any Bidder who may wish to modify the bid proposal previously submitted by him may do so only by (a) following the withdrawal procedure set forth in Instruction 7 hereof prior to the date and time set by the Notice Inviting Bids herein for the opening of bids, and (b) submitting a substituted bid proposal which conforms to the requirements set forth in Instruction 1, 2, 4, 5, and 6 hereof. A bid proposal shall be deemed withdrawn once it has been delivered by the Owner to the one requesting withdrawal, either by personal delivery or deposit in the United States mail, addressed to the address originally given by the Bidder. After withdrawal, the Owner will not recognize modifications of bid proposals attempted by methods other than as set forth in this Instruction 8.

9. Opening and Awarding of Bids

All bid proposals shall be publicly opened and read at the time and place set forth in the Notice Inviting Bids herein. Bidders and their authorized representatives are invited to be present. The award, if made, will be made within 60 days of the opening. The Owner's policy is to award to the lowest responsible Bidder who can comply with the projected delivery and/or completion schedules. However, the Owner reserves the right to reject any and all bids and to waive any irregularity. Owner may, at its sole discretion, disregard any added conditions, limitations, provisions, or any interlineations or alterations. Notice of Award shall be made to a successful Bidder in writing and mailed to the address as set forth on the signature page of the Bidding Documents.

10. Return of Proposal Guarantees

Bid proposal guarantees will be returned to unsuccessful bidders within 60 days from the date that the Contract is awarded to the successful bidder.

11. Bond(s) and Certificates Required of Successful Bidder

Before commencing any Work under this Contract, the successful Bidder shall file four of each bond with the Owner. These bonds shall be in the amounts and for the purposes specified below. They shall be surety bonds issued by:

a. Either a California Admitted Surety OR a current Treasury Listed Surety (Federal Register).

And

b. Either a current A.M. Best A VIII rated Surety OR an admitted surety insurer which complies with the provisions of the Code of Civil Procedure, § 995.660.

Should any surety or sureties upon said bonds or any of them become insufficient, successful Bidder shall renew said bond or bonds with good and sufficient sureties within ten (10) calendar days after receiving notice from the County that the surety or sureties are insufficient. Cost of bonds shall be included in the bid price.

The successful Bidder shall provide a contract performance bond in an amount of not less than 100% of the total bid price, conditioned upon faithful performance by said Bidder of all requirements under the contract. In addition, the successful Bidder shall provide a payment bond in an amount of not less than 100% of the total bid price, conditioned upon payment in full of the claims of all persons performing labor upon or furnishing materials to be used in or furnishing appliances or power contributing to the Work to be performed under the contract.

12. Execution of the Contract

The Bidder to whom award is made shall execute a written contract with the Owner on the form of contract provided herein (which shall incorporate by reference the Proposal, addenda or bulletins issued before receipt of bids and public opening of same, Bidder's Statement of Experience (not required for materials only proposal), Bidding Sheet, Certified Data Sheet, Special Requirements, Basic Specifications, and Construction and Standard Drawings), together with the Labor Code Certification (not required for materials only proposal) therein, and furnish good and approved bond(s) and Certificates of Insurance as required in the preceding paragraph within 10 days from the date of mailing the Notice of Award from the Owner to the Bidder, as set forth above, of the acceptance of his proposal.

No proposal shall be considered binding upon the Owner until the Contract has been executed by Owner. Failure or refusal by the successful Bidder to so enter into a contract, as herein provided, or to conform to any of the stipulated requirements in connection therewith, shall be just cause for the annulment of the award and the retention by the Owner of the proposal guarantee. If the successful Bidder refuses or fails to execute the contract, the Owner may award the contract to the Bidder whose proposal is next most acceptable to said Owner; and such Bidder shall fulfill every stipulation embraced herein as if he were the party to whom the first award was made.

A corporation to which an award is made will be required, before the contract is finally executed, to furnish evidence of its corporate existence and of the authority of the officer signing the contract and bond for the corporation to so sign.

13. Withheld Contract Funds

Bidder is advised that Contractor, at his request and expense and in accordance with Section 22300 of the California Public Contract Code, will be permitted to substitute securities equivalent to monies withheld by Owner to insure performance under the Contract. Alternatively, the Contractor may request to have earned retentions paid directly to the escrow agent in accordance with Public Contract Code Section 22300. Refer to Section 28 of the Contract Appendix and the Escrow Agreement for Security Deposits in Lieu of Payment Retention included within the Contract section of the Contract Documents.

B. BIDDER'S PROPOSAL WITH SUPPORTING DOCUMENTS

TO THE BOARD OF DIRECTORS, REDEVELOPMENT AGENCY FOR THE COUNTY OF RIVERSIDE, RIVERSIDE, CALIFORNIA (Owner):

1. Proposal

The undersigned proposes to construct, furnish and install, or furnish only the components or items as set forth in the Bidding Documents for THERMAL WATER AND SEWER IMPROVEMENTS.

In submitting this Proposal, the undersigned declares that he has read the Notice Inviting Bids, the Instructions to Bidders, the unexecuted Contract, and all other documents incorporated by reference, including the Special Requirements, the Basic Specifications, and the Construction and Standard Drawings and that he has inspected the Work site.

In exchange for consideration of this Proposal by the Owner, the Bidder agrees that if his bid is accepted by the Owner, the Bidder shall execute said Contract, construct, furnish and install, or furnish the items set forth in this Proposal and required by the Contract, Special Requirements, Basic Specifications, and Construction and Standard Drawings (all within the time provided), and shall accept as full payment the prices set forth in the Bidding Sheet.

The Bidder agrees that he shall execute and furnish such Contract, the performance and payment bonds*, and required certificates of insurance and insurance endorsements, within ten days from the date of mailing to him the written statement that Owner intends to award the Contract to him (i.e. Letter of Intent). If Bidder fails to return said documents within said time, the proposal guaranty shall become the property of the Owner as liquidated damages for such failure or refusal, and shall be deposited as moneys belonging to the Owner; provided that if said Bidder executes the contract and furnishes the required performance and payment bonds* and certificates of insurance within the time aforesaid, his proposal guaranty shall be returned to him within ten days thereafter.

In submitting a bid to a public body, the Bidder offers and agrees that if the bid is accepted, it will assign to the Owner all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Section 15) or under the Cartwright Act (Chapter 2 of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, materials, or services by the Bidder pursuant to the bid. Such assignment shall be made and become effective at the time the Owner tenders final payment to the Contractor, without further acknowledgment by the parties.

*Payment bond not required for materials only proposal.

**REDEVELOPMENT AGENCY FOR THE COUNTY OF RIVERSIDE
CONTRACT DOCUMENTS FOR
THERMAL WATER AND SEWER IMPROVEMENTS**

ADDENDUM NO. 1

PLEASE BE ADVISED:

1. **Reference:** Construction Specifications, Bidding Documents and Bid Packet, Bid Schedule I, Bid Item 152, Page BD-23:

Substitute the following:

"Bid Item 151" for "Bid Item 149" in description of bid item.

2. **Reference:** Construction Specifications, Bidding Documents and Bid Packet, Bid Schedule IV, Pages BD-37 and BD-38:

Substitute the attached pages:

BD-37 and BD-38 (note addition of Bid Item 435).

3. **Reference:** Construction Specifications, Bidding Documents and Bid Packet, Bid Schedule IVA, Pages BD-45 and BD-46:

Substitute the attached pages:

BD-45 and BD-46 (note addition of Bid Item 434A).

4. **Reference:** Construction Specifications, Special Requirements, Section 4 (Sewer Improvements - Specific Provisions), Part C (Bedding and Pipe Zone Backfill), Page SR-34:

Add the following item:

- 4) In circumstances where Contractor is unable to achieve specified dewatering requirements by use of dewatering wells due the presence of clays or other soils that prevent/inhibit drainage necessary to achieve adequate trench bottom stability, and provided Owner agrees with such determination, Contractor shall:
- a) Excavate an additional 18" of trench depth (below 18" of crushed rock as shown on Figure 1).
 - b) Furnish and install 18" of 1-1/2" crushed rock in accordance with ASTM D448 and the following gradation:

Sieve	% Passing
2"	100
1-1/2"	95 - 100
3/4"	35 - 70
3/8"	10 - 30
No. 4	0 - 5

The 18" of 1-1/2" crushed rock shall be placed within the filter (stabilization) fabric envelope below the 18" of 3/4" crushed rock as shown on either the "Crushed Stone Encasement Detail" or the "CLSM Encasement Detail" (as applicable) of Figure 1 (Sewer Trench Details).

- c) Construct and dewater (pump) sumps within trench and at necessary spacing as required to achieve complete dewatering of trench. Disposal of pumped water shall be in accordance with specifications.
- d) Complete the installation of the trench details in accordance with all other requirements shown on Figure 1 and as described in the specifications.

Payment for furnishing and installing the above described modified trench shall be made under Bid Item 435 (or 434A, as applicable) and will be based on the actual lineal footage of modified trench installed.



By: _____
Sinisa Saric, P.E. No. 69867

Date: 27. AUG. 2010.

ADDENDUM NO. 1 ACKNOWLEDGEMENT

Bidder hereby acknowledges receipt of Addendum No. 1 and the incorporation thereof in bid proposal for the Thermal Water and Sewer Improvements. This acknowledgement page shall be signed, dated and included with the Bidder's Bid Proposal Packet.

DBA: J & J Brothers Construction Co., Inc
Bidder: Jones Bros Construction Co.

Date: August 30, 2010

By: _____
(Bidder's Authorized Representative)
Title: President

2. **Statement of Experience***

a. **Bidder**

Each Bidder (Contractor) shall list, in addition to name and address, the type of work in which it is qualified, and its years of experience in that type of work.

Name: Jd J Brothers Construction Company, Inc
DBA: Jones Bros Construction Company

Address: PO Box 905 / 85-989 Avenue 52 Coachella, Ca 92236

Type of Work: Water, Sewer & Storm Drain

Years of Experience: 36 yrs

If Bidder (Contractor) has less than 5 years experience, Bidder (Contractor) shall complete Section e, listing the work experience for principals and key personnel.

b. **Subbidders**

Each Bidder (Contractor) shall list the name and address of each subbidder (subcontractor) who will perform work in excess of one-half of one percent of the total bid. State the subbidders and the work to be performed by each. Only one subbidder shall be listed for each specific portion of the Work. If subbidder (subcontractor) has less than 5 years experience, subbidder shall complete Section f, listing the work experience for principals and key personnel.

1) Name: Granite Construction

Address: 38000 Monroe St. Indio, Ca 92203

Contractor License No.: 89 Class: A-B

Type of Work: Paving Years of Experience: 88 yrs

2) Name: Houston & Harris PCS, Inc

Address: 21831 Barton Rd. Grand Terrace, Ca 92313

Contractor License No.: 884167 Class: A-C61-D38

Type of Work: Video & Wash Years of Experience: 22 yrs

3) Name: Zebtron

Address: PO Box 2874 Newport Beach, Ca 92659

Contractor License No.: 855170 Class: C33

Type of Work: Coating Years of Experience: 14 yrs

4) Name: California Auger Boring, Inc

Address: 3040 E. Loronado St. Anaheim, Ca 92806

Contractor License No.: 926950 Class: A-C61-D09

Type of Work: Boring Years of Experience: 4 yrs

* Not required for materials only proposal

2. **Statement of Experience***

a. **Bidder**

Each Bidder (Contractor) shall list, in addition to name and address, the type of work in which it is qualified, and its years of experience in that type of work.

Name: J & J Brothers Construction Company, Inc
DBA: Jones Bros Construction Company

Address: PO Box 905 / 85-989 Avenue 52 Coachella, Ca 92236

Type of Work: Water, Sewer & Storm Drain

Years of Experience: 36 yrs

If Bidder (Contractor) has less than 5 years experience, Bidder (Contractor) shall complete Section e, listing the work experience for principals and key personnel.

b. **Subidders**

Each Bidder (Contractor) shall list the name and address of each subbidder (subcontractor) who will perform work in excess of one-half of one percent of the total bid. State the subidders and the work to be performed by each. Only one subbidder shall be listed for each specific portion of the Work. If subbidder (subcontractor) has less than 5 years experience, subbidder shall complete Section f, listing the work experience for principals and key personnel.

1) Name: Griffin Dewatering Corporation

Address: 536 E. Maitland St. Ontario, Ca 91761

Contractor License No.: 448878 Class: A-C57

Type of Work: Dewatering Years of Experience: 16 yrs

2) Name: _____

Address: _____

Contractor License No.: _____ Class: _____

Type of Work: _____ Years of Experience: _____

3) Name: _____

Address: _____

Contractor License No.: _____ Class: _____

Type of Work: _____ Years of Experience: _____

4) Name: _____

Address: _____

Contractor License No.: _____ Class: _____

Type of Work: _____ Years of Experience: _____

* Not required for materials only proposal

2. Statement of Experience* (Continued)

c. Bidder Projects (use reverse side if necessary)

Each Bidder (Contractor) shall furnish work record for Bidder (Contractor), listing at least four projects that the Bidder has completed within the past three (3) years. Responses shall be full and explicit.

DBA: JdJ Brothers Construction Company, Inc
1) Contractor: Jones Bros Construction Co.

Contract Amount: 2,474,369.18 Date Completed: 2010

Type of Work: Sewer - Mecca 18" Sewer Force Main

Owner (Name, Address, & Phone): Coachella Valley Water District

PO Box 1058 Coachella, Ca 92236 760.398.2651

Engineer (Name, Address, & Phone): Boyle Engineering 1131 W. Sixth St.

Ste 350 Ontario, Ca 91762 909.933.5225

Person in Charge of Project (Name & Phone): Jorge Meza 760.398.2651

DBA: JdJ Brothers Construction Co., Inc
2) Contractor: Jones Bros Construction Co.

Contract Amount: 6,165,534.00 Date Completed: 2009

Type of Work: Water - Highway 86 Transmission Main

Owner (Name, Address, & Phone): Coachella Valley Water District

PO Box 1058 Coachella, Ca 92236 760.398.2651

Engineer (Name, Address, & Phone): Boyle Engineering 1131 W. Sixth St.

Ste 350 Ontario, Ca 91762 909.933.5225

Person in Charge of Project (Name & Phone): Megan Brown 760.398.2651

DBA: JdJ Brothers Construction Co., Inc
3) Contractor: Jones Bros Construction Co.

Contract Amount: 2,532,210.00 Date Completed: 2009

Type of Work: Water, Sewer & Storm Drain - Sun City Shadow Hills

Owner (Name, Address, & Phone): Pulte Home Corporation

27101 Puerta Real, Ste 300 Mission Viejo, Ca 92691 949.683.3100

Engineer (Name, Address, & Phone): Watson Engineering 79440 Corporate

Ctr. Dr., Ste 107 La Quinta, Ca 92253 760.711.6237

Person in Charge of Project (Name & Phone): Bob Paradise 951.258.6001

* Not required for materials only proposal

c.

Bidder Projects (Continued)

DBA: J & J Brothers Construction Co., Inc
4) Contractor: Jones Bros Construction Co.

Contract Amount: 1,456,993.00 Date Completed: 2009

Type of Work: Water - 11400/1240 Zone Transmission Main

Owner (Name, Address, & Phone): Mission Springs Water District

16575 Second St. Desert Hot Springs, Ca 92240 760.389.6448

Engineer (Name, Address, & Phone): Hacker Engineering, Inc

77530 Enfield Lane Ste E-1 Palm Desert, Ca 92211 760.360.6900

Person in Charge of Project (Name & Phone): Dan Patneau 760.389.6448

DBA: J & J Brothers Construction Co., Inc
5) Contractor: Jones Bros Construction Co.

Contract Amount: 3,130,625.00 Date Completed: 2007-2008

Type of Work: Water, Sewer & Storm Drain - Polo Estates

Owner (Name, Address, & Phone): Hofmann Land Development Co.

1380 Galaxy Way Concord, Ca 94522 925.682.4830

Engineer (Name, Address, & Phone): Pardue, Cornwell & Associates, Inc

18551 Von Karman Ste. 104 Irvine, Ca 92612 949.724.9460

Person in Charge of Project (Name & Phone): David Lennon 925.682.4830

DBA: J & J Brothers Construction Co., Inc
6) Contractor: Jones Bros Construction Co.

Contract Amount: 1,198,374.00 Date Completed: 2008

Type of Work: Water - H. Zone Waterline Replacement Project

Owner (Name, Address, & Phone): Joshua Basin Water District

16750 Chollita Rd Joshua Tree, Ca 92252 760.366.8438

Engineer (Name, Address, & Phone): Dudek & Associates

1605 Third St Encinitas, Ca 92024 760.942.5147

Person in Charge of Project (Name & Phone): Joe Guzzetta 760.366.8438

2. Statement of Experience* (Continued)

d. Subbidder Projects (use reverse side if necessary)

Bidder (Contractor) shall furnish work record for subbidder (subcontractor) listing at least two projects each that the subbidders have completed within the past three (3) years. Responses shall be full and explicit.

1) Subcontractor: Granite Construction

Contract Amount: 2,749,707.00 Date Completed: Dec 2009

Type of Work: Street Improvements

Owner (Name, Address, & Phone): Platte Home 27101 Puerta Real
Ste 300 Mission Viejo, Ca 92691 949.330.8541

Engineer (Name, Address, & Phone): _____

Person in Charge of Project (Name & Phone): Carley Cechin 760.715.7500

2) Subcontractor: Granite Construction

Contract Amount: 1,727,323.00 Date Completed: May 2010

Type of Work: New Parking & Street Improvements

Owner (Name, Address, & Phone): City of Indio 100 Civic Center Mall
Indio, Ca 92201 760.391.4000

Engineer (Name, Address, & Phone): _____

Person in Charge of Project (Name & Phone): Sara Howard 760.715.7500

3) Subcontractor: Houston & Harris PCS, Inc

Contract Amount: 300,000.00 Date Completed: 06.30.10

Type of Work: Hydrowash & Video

Owner (Name, Address, & Phone): City of Santa Ana 220 S. Daisy
Ave Santa Ana, Ca 92703 714.647.3387

Engineer (Name, Address, & Phone): _____

Person in Charge of Project (Name & Phone): Larry Houston 909.422.8990

* Not required for materials only proposal

d. Subbidder Projects (Continued)

4) Subcontractor: Houston & Harris PCS, Inc
Contract Amount: 300,000.00 Date Completed: 03.31.09
Type of Work: Hydrowash & Video
Owner (Name, Address, & Phone): City of Fontana 8353 Sierra Ave
Fontana, Ca 92335 909.350.1604
Engineer (Name, Address, & Phone): _____

Person in Charge of Project (Name & Phone): Larry Houston 909.422.8990

5) Subcontractor: Zebtron
Contract Amount: 430,000.00 Date Completed: 2009
Type of Work: Sewer manhole Rehab & Lining
Owner (Name, Address, & Phone): Irvine Ranch Water District
PO Box 57000 Irvine, Ca 92619 949.453.5854
Engineer (Name, Address, & Phone): _____

Person in Charge of Project (Name & Phone): Greg Hex 714.632.6690

6) Subcontractor: Zebtron
Contract Amount: 675,000.00 Date Completed: 2008
Type of Work: Sewer manhole lining
Owner (Name, Address, & Phone): City of San Diego 9192 Topaz Way
San Diego, Ca 92123 858.654.4494
Engineer (Name, Address, & Phone): _____

Person in Charge of Project (Name & Phone): Greg Hex 714.632.6690

d. Subbidder Projects (Continued)

4) Subcontractor: California Auger Boring, Inc

Contract Amount: 132,000.00 Date Completed: 07.23.10

Type of Work: Jack & Bore

Owner (Name, Address, & Phone): Chemoil 1004 Pier F Avenue
Long Beach, Ca 90802 562.901.1960

Engineer (Name, Address, & Phone): _____

Person in Charge of Project (Name & Phone): Bruce Malcolm 714.240.4051

5) Subcontractor: California Auger Boring, Inc

Contract Amount: 174,000.00 Date Completed: 08.13.10

Type of Work: Jack & Bore

Owner (Name, Address, & Phone): City of Anaheim 201 S. Anaheim
Bldv Anaheim, Ca 92805 714.765.4311

Engineer (Name, Address, & Phone): _____

Person in Charge of Project (Name & Phone): Bruce Malcolm 714.240.4051

6) Subcontractor: Griffin Dewatering Corp.

Contract Amount: 267,487.00 Date Completed: Oct. 2008

Type of Work: Deepwell Construction Dewatering

Owner (Name, Address, & Phone): Calleguas Municipal Water Dist.
2100 Olsen Rd Thousand Oaks, Ca 91360 805.526.9323

Engineer (Name, Address, & Phone): _____

Person in Charge of Project (Name & Phone): Donald Kendall 805.526.9323

d. Subbidder Projects (Continued)

4) Subcontractor: Griffin Dewatering Corp.
Contract Amount: 280,000.00 Date Completed: April 2010
Type of Work: Construction Dewatering (Wellpoint)
Owner (Name, Address, & Phone): BP America, Inc
1306 Canal Blvd. Richmond, Ca 94804 714.416.7100
Engineer (Name, Address, & Phone): _____

Person in Charge of Project (Name & Phone): Bobo Legg 714.416.7100

~~5) Subcontractor: _____
Contract Amount: _____ Date Completed: _____
Type of Work: _____
Owner (Name, Address, & Phone): _____

Engineer (Name, Address, & Phone): _____

Person in Charge of Project (Name & Phone): _____~~

6) Subcontractor: _____
Contract Amount: _____ Date Completed: _____
Type of Work: _____
Owner (Name, Address, & Phone): _____

Engineer (Name, Address, & Phone): _____

Person in Charge of Project (Name & Phone): _____

2. **Statement of Experience*** (Continued)

e. Bidder's Principals and Key Personnel (use reverse side if necessary)

If Bidder (Contractor) has less than 5 years experience in the type of work specified, it shall list the work experience for principals and key personnel to demonstrate that Bidder (Contractor) has sufficient work experience.

- 1) Name: Johnny Jones
Address: 59904 Horse Canyon Rd. Mtn. Center, Ca 92561
Type of Work: Water, Sewer S/D Years of Experience: 60 yrs
Capacity (Title): President
- 2) Name: Michael Jones
Address: 41850 Yucca Lane Bermuda Dunes, Ca 92203
Type of Work: Water, Sewer S/D Years of Experience: 36 yrs
Capacity (Title): Vice-President / Secretary

f. Subbidder's Principals and Key Personnel (use reverse side if necessary)

If any subbidder (subcontractor) has less than 5 years experience in the type of work indicated, it shall list the work experience for principals and key personnel to demonstrate that subbidder (subcontractor) has sufficient work experience.

- 1) Name: Kevin Beardan
Address: 3040 E. Coronado St. Anaheim, Ca 92806
Horizontal Directional Drilling
Type of Work: Auger / Jack bore Years of Experience: 15 yrs
Capacity (Title): President
California Auger Boring, Inc
- 2) Name: Bruce Malcolm
Address: 3040 E. Coronado St. Anaheim, Ca 92806
Auger boring / Jack bore
Type of Work: drilling Years of Experience: 25 yrs
Capacity (Title): Superintendent / Consultant

* Not required for materials only proposal

e. Bidder's Principals and Key Personnel (Continued)

- 3) Name: Marc Jones
Address: 59313 Hop Patch Springs Rd Mtn.Center, Ca 92561
Type of Work: Water, Sewer & S/D Years of Experience: 35 yrs
Capacity (Title): Vice-President/Treasurer
- 4) Name: Eric Jones
Address: 36521 Butterfly Peak Rd Mtn.Center, Ca 92561
Type of Work: Water, Sewer & S/D Years of Experience: 32 yrs
Capacity (Title): Vice-President
- 5) Name: _____
Address: _____
Type of Work: _____ Years of Experience: _____
Capacity (Title): _____

f. Subbidder's Principals and Key Personnel (Continued)

- 3) Name: _____
Address: _____
Type of Work: _____ Years of Experience: _____
Capacity (Title): _____
- 4) Name: _____
Address: _____
Type of Work: _____ Years of Experience: _____
Capacity (Title): _____
- 5) Name: _____
Address: _____
Type of Work: _____ Years of Experience: _____
Capacity (Title): _____

2. Statement of Experience* (Continued)

g. Has Bidder been involved in litigation with any owner of any project within the last 10 years? Yes. If so, please describe the project and the nature and results of any litigation including any lawsuits settled prior to trial. Riv. Cty. Sup. Case No. INC014936, INC011452, INC053090, INC062035, INC061054, INC067261, INC078638. Jones "Plaintiff" settled undisputed collection cases. Jones has never been named as a defendant in a case for failure to complete work per plans and specifications, nor for failure to complete work at all. Jones has no litigation with any public entity.

h. Have any subbidders been involved in litigation with any owner of any project within the last 10 years? NO. If so, please describe the project and the nature and results of any litigation including any lawsuits settled prior to trial.

i. Bidder is advised that it may be required to submit a signed financial statement, financial data, or other information and references sufficiently comprehensive to permit an appraisal of its current financial condition prior to award of contract. Said statement, data, or information may be considered in selecting the successful Bidder.

j. Each Bidder (Contractor), at its option, may provide pertinent data or other information which may help Owner properly evaluate bid proposal.

J&J Brothers Construction Company, Inc dba: Jones Bros
Construction Company (hereinafter referred to as "Jones") is a
licensed Class "A" general engineering contractor in good standing.
Jones is a family owned construction company which
specializes in water, sewer & storm drain contracting
for both public and private works in the Coachella Valley.
The principals of Jones have altogether 50 or more years
experience performing the same or similar work called
for by this project.

* Not required for materials only proposal

3. Supplemental Instructions to Bidders

a. The Contract Work consists of the following bid schedules:

- Bid Schedule I – Construction of 12", 18", and 24" Ductile Iron Water Pipelines (Stations 9+35± to 87+99.35, 200+37± to 555+87±, and 10+00.00 to 14+15.00)
- Bid Schedule II – Construction of 18" Ductile Iron Water Pipeline (Stations 87+99.35 to 100+42±)
- Bid Schedule III – Construction of 24" Ductile Iron Water Pipeline (Stations 9+70.00 to 64+28.05)
- Bid Schedule IV – Construction of 12", 18", 21", 24", and 27" Vitrified Clay Pipe Sewer (Stations 10+00.00 to 188+45.00 and 10+00.00 to 13+48.00)
- Bid Schedule IV A – Construction of 12" Vitrified Clay Pipe Sewer (Stations 10+00.00 to 188+45.00 and 10+00.00 to 13+48.00)
(Alternative to Bid Schedule IV)

Bidder shall submit a proposal for each bid schedule and each bid item. Bidders are advised that the basis of award will be made on the aggregate sum of the Net Bid Amounts for Bid Schedule I, Bid Schedule II, Bid Schedule III, and Bid Schedule IV.

If award is made, Owner will award the Work to a single Bidder; however, Owner reserves the right to withhold award on certain bid schedules or bid items. In addition, Owner reserves the right to substitute Bid Schedule IV A for Bid Schedule IV.

- b. All Work under these Contract Documents shall be completed in accordance with the Contract Completion Schedule.
- c. Bidder shall be licensed in accordance with the California Contractors State License Law of the Business and Professions Code and shall be experienced in the type of Work specified. Subbidders, if any, shall also be licensed in accordance with the same law and shall also be experienced in the type of Work specified.
- d. Bidder shall visit and inspect each work site and complete Certification of Bidder's Work Site Inspection to verify same.
- e. By signing and submitting his bid, Bidder certifies that he has verified, to his own satisfaction, the quantities of work shown on the bidding sheets, and further Bidder acknowledges that Bidder's total bid price for each individual bid schedule and for the total of all bid schedules covers all work required for a complete and functional project in compliance with the Contract Documents.
- f. Bidders are advised that dewatering and disposal of groundwater is a significant component of constructing the Work. Consequently, Bidders are advised that utilization of experienced and proven personnel, equipment, and methods is essential for timely completion of the specified Work.

4. Bid Schedule

The undersigned hereby proposes to furnish all labor, materials, equipment and methods necessary for constructing all Work specified, all in strict accordance with these Contract Documents, at the bid prices and the Completion Date set forth hereafter. The undersigned also acknowledges that all bid prices include sales tax and all other applicable taxes and fees.

BID SCHEDULE I
CONSTRUCTION OF 12", 18", AND 24" DUCTILE IRON WATER PIPELINES
STATIONS 9+35± TO 87+99.35, 200+37± TO 555+87±, AND 10+00.00 TO 14+15.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
101	Furnish contract bonds, project insurance, all project permits, and project management.	1	L.S.	N/A	<u>\$35,000.00</u>
102	Furnish trench protection (shoring or sloping) in accordance with Cal/OSHA Standards for all trenches greater than 5' in depth.	1	L.S.	N/A	<u>\$ 3,650.00</u>
103	Furnish traffic control, including traffic control drawings for RCTD approval, furnishing and installing all signs, delineators, arrowboards, and flagmen in accordance with RCTD Standards and Permits.	1	L.S.	N/A	<u>\$20,000.00</u>
104	Furnish and install 12" Class 350 ductile iron pipe and fittings with restrained joints, including polyethylene encasement, trench dewatering, backfill, slurry backfill as required, compaction, testing, and disinfection (Stations 10+00.00 to 14+15.00 (Avenue 58)).	415±	L.F.	<u>\$53.00</u>	<u>\$21,995.00</u>
105	Furnish and install 18" Class 250 ductile iron pipe and fittings, including polyethylene encasement, trench dewatering, backfill, slurry backfill as required, compaction, testing, and disinfection (Stations 29+70.00 to 33+50.00 and 36+50.00 to 46+00±).	1,330±	L.F.	<u>\$79.00</u>	<u>\$105,070.00</u>
106	Furnish and install 18" Class 250 ductile iron pipe and fittings with restrained joints, including polyethylene encasement, trench dewatering, backfill, slurry backfill as required, compaction, testing, and disinfection (Stations 9+35± to 29+70.00, 33+50.00 to 36+50.00, 46+00.00 to 47+82.00, 48+08.00 to 48+41.94BK, 48+58.30AH to 74+98.40BK, and 75+14.38AH to 87+99.35).	6,476±	L.F.	<u>\$79.00</u>	<u>\$511,604.00</u>

BID SCHEDULE I
CONSTRUCTION OF 12", 18", AND 24" DUCTILE IRON WATER PIPELINES
STATIONS 9+35± TO 87+99.35, 200+37± TO 555+87±, AND 10+00.00 TO 14+15.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
107	Furnish and install 24" Class 200 ductile iron pipe and fittings, including polyethylene encasement, trench dewatering, backfill, slurry backfill as required, compaction, testing, and disinfection (Stations 203+70.00 to 209+40.00, 214+90.00 to 217+80.00, 222+30.00 to 227+80.00, 232+20.00 to 235+50.00, 242+20.00 to 247+80.00, 261+60.00 to 263+60.00, 267+60.00 to 276+00.00, 361+50.00 to 383+80.00, and 387+00.00 to 409+30.00).	7,800±	L.F.	\$ <u>100.00</u>	\$ <u>780,000.00</u>
108	Furnish and install 24" Class 200 ductile iron pipe and fittings with restrained joints, including polyethylene encasement, trench dewatering, backfill, slurry backfill as required, compaction, testing, and disinfection (Stations 200+37± to 203+70.00, 209+40.00 to 214+90.00, 217+80.00 to 222+30.00, 227+80.00 to 232+20.00, 235+50.00 to 238+50.00, 238+80.00 to 242+20.00, 247+80.00 to 252+55.00, 252+85.00 to 253+01.00, 253+25.00 to 255+90.00, 256+14.00 to 259+09.00, 259+33.00 to 261+60.00, 263+60.00 to 266+09.64BK, 265+58.49AH to 267+60.00, 276+00.00 to 277+03.00, 277+29.00 to 305+64.31, 305+66± to 358+58.00, 359+50.00 to 359+54.19BK, 359+50.00AH to 361+50.00, 383+80.00 to 387+00.00, 409+30.00 to 411+30.00, 411+74.00 to 411+76.63BK, 411+81.09AH to 555+87±, and 0+00± to 0+16±).	27,521±	L.F.	\$ <u>100.00</u>	\$ <u>2,752,100.00</u>
109	Bore and jack 42" steel conductor casing (t = 0.5") per CVWD Std. Dwg. W-40, including bore pit, receiving pit, pit dewatering, furnishing and installing 24" ductile iron carrier pipe with restrained joints, including polyethylene encasement, backfilling annulus with sand, and all related work (Stations 238+50.00 to 238+80.00).	30±	L.F.	\$ <u>160.00</u>	\$ <u>4,800.00</u>

BID SCHEDULE I
CONSTRUCTION OF 12", 18", AND 24" DUCTILE IRON WATER PIPELINES
STATIONS 9+35± TO 87+99.35, 200+37± TO 555+87±, AND 10+00.00 TO 14+15.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
110	Bore and jack 42" steel conductor casing (t = 0.5") per CVWD Std. Dwg. W-40, including bore pit, receiving pit, pit dewatering, furnishing and installing 24" ductile iron carrier pipe with restrained joints, including polyethylene encasement, backfilling annulus with sand, and all related work (Stations 252+55.00 to 252+85.00).	30±	L.F.	<u>\$160.00</u>	<u>\$4,800.00</u>
111	Bore and jack 42" steel conductor casing (t = 0.5") per CVWD Std. Dwg. W-40, including bore pit, receiving pit, pit dewatering, furnishing and installing 24" ductile iron carrier pipe with restrained joints, including polyethylene encasement, backfilling annulus with sand, and all related work (Stations 277+03.00 to 277+29.00).	26±	L.F.	<u>\$160.00</u>	<u>\$4,160.00</u>
112	Furnish and install 36" steel conductor casing (t = 0.5") by open cut method, including trench dewatering, furnishing and installing 18" ductile iron carrier pipe with restrained joints, including polyethylene encasement, backfilling annulus with sand, and all related work (Stations 47+82.00 to 48+08.00).	26±	L.F.	<u>\$160.00</u>	<u>\$4,160.00</u>
113	Furnish and install 42" steel conductor casing (t = 0.5") by open cut method, including trench dewatering, furnishing and installing 24" ductile iron carrier pipe with restrained joints, including polyethylene encasement, backfilling annulus with sand, and all related work (Stations 253+01.00 to 253+25.00, 255+90.00 to 256+14.00, and 259+09.00 to 259+33.00).	72±	L.F.	<u>\$160.00</u>	<u>\$11,520.00</u>
114	Bore and jack 42" steel conductor casing (t = 0.5") per CVWD Std. Dwg. W-40, including bore pit, receiving pit, pit dewatering, furnishing and installing 24" ductile iron carrier pipe with restrained joints, including polyethylene encasement, backfilling annulus with sand, and all related work (Stations 358+58.00 to 359+50.00).	92±	L.F.	<u>\$462.00</u>	<u>\$42,504.00</u>

BID SCHEDULE I
CONSTRUCTION OF 12", 18", AND 24" DUCTILE IRON WATER PIPELINES
STATIONS 9+35± TO 87+99.35, 200+37± TO 555+87±, AND 10+00.00 TO 14+15.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
115	Bore and jack 42" steel conductor casing (t = 0.5") per CVWD Std. Dwg. W-40, including bore pit, receiving pit, pit dewatering, furnishing and installing 24" ductile iron carrier pipe with restrained joints, including polyethylene encasement, backfilling annulus with sand, and all related work (Stations 411+30.00 to 411+74.00).	44±	L.F.	\$ <u>462.00</u>	\$ <u>20,328.00</u>
116	Furnish and install 4" flanged gate valve, Class 150, at PRV station (2).	2	EACH	\$ <u>1,000.00</u>	\$ <u>2,000.00</u>
117	Furnish and install 8" flanged gate valve, Class 150, (Stations 256+29.00 and 259+36.00, and at PRV station (2)).	4	EACH	\$ <u>2,200.00</u>	\$ <u>8,800.00</u>
118	Furnish and install 12" flanged gate valve, Class 150, (Stations 24+80.00, 28+30.00, 238+00.00(2), 253+36±, 265+87.00, 279+25.00, and 540+00.00).	8	EACH	\$ <u>2,077.00</u>	\$ <u>16,616.00</u>
119	Furnish and install 18" flanged butterfly valve, Class 150, (Stations 21+42.00 (2), 24+80.00, 28+30.00, 35+00.00 (2), 48+41.94BK (3), 51+00.00, 62+00.00, 75+25.00 (3), 87+58.65, 87+99.35 (2), 212+65±, 305+64.31, 332+40.00, 385+40.00 (2), and 438+00.00).	23	EACH	\$ <u>3,057.00</u>	\$ <u>70,311.00</u>
120	Furnish and install 24" flanged butterfly valve, Class 150, (Stations 212+65± (2), 220+00.00, 230+00.00, 238+00.00, 240+00.00, 252+95.19 (3), 256+29.00 (2), 259+36.00, 265+87.00 (2), 279+25.00 (2), 293+00.00, 305+64.31 (2), 332+40.00 (2), 358+38.96 (2), 359+80.00 (2), 385+40.00 (2), 412+00.00 (3), 438+00.00 (2), 464+80.00, 466+20.00, 491+20.00 (2), 517+89.49 (3), and 540+00.00 (2)).	41	EACH	\$ <u>5,200.00</u>	\$ <u>213,200.00</u>

BID SCHEDULE I
CONSTRUCTION OF 12", 18", AND 24" DUCTILE IRON WATER PIPELINES
STATIONS 9+35± TO 87+99.35, 200+37± TO 555+87±, AND 10+00.00 TO 14+15.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
121	Furnish and install pressure reducing station in accordance with Sheet 23 of the Construction Drawings, including all piping, fittings, pressure reducing valves, meter, and vaults, complete and in place (Station 87+73±).	1	L.S.	N/A	<u>\$28,000.00</u>
122	Furnish and install 6" fire hydrant including valves and fittings, per CVWD Std. Dwg. W-33A or W-34A, as applicable (Stations 14+50.00, 27+50.00, 35+00.00, 51+00.00, 210+00.00, 220+00.00, 230+00.00, 240+00.00, 250+00.00, 293+00.00, 310+00.00, 320+00.00, 330+00.00, 340+00.00, 350+00.00, 360+00.00, 369+50.00, 379+50.00, 389+50.00, 399+50.00, 409+50.00, 466+00.00, 519+50.00, 529+50.00, 539+50.00, 549+00.00, and 12+30.00).	27	EACH	<u>\$5,488.00</u>	<u>\$148,176.00</u>
123	Furnish and install 6" blowoff assembly per CVWD Std. Dwg. W-23, including valves and fittings (Stations 21+42.00, 24+80.00, 28+30.00, 48+41.94BK, 75+25.00, 305+64.31, 332+40.00, 358+38.96, 359+80.00, 385+40.00, 412+00.00, 438+00.00, 517+89.49, and 10+00.00).	14	EACH	<u>\$2,000.00</u>	<u>\$28,000.00</u>
124	Furnish and install 2" air valve per CVWD Std. Dwgs. W-21B and W-22A (Stations 9+78.00, 20+60.00, 22+16.00, 48+75.00, 87+55.00, 87+50.00, 88+25.00, 201+00.00, 239+35.00, 253+75.00, 262+50.00, 277+50.00, 332+65.00, 359+85.00, 412+06.00, and 465+28.00).	16	EACH	<u>\$3,100.00</u>	<u>\$49,600.00</u>
125	Furnish and install 2" water service per CVWD Std. Dwgs. W-6 and W-11A (Stations 12+22.00 and 12+26.00, Avenue 58).	2	EACH	<u>\$750.00</u>	<u>\$1,500.00</u>
126	Furnish and install connection to existing 12" gate valve, including all fittings and connection piping and removing existing blowoff assembly (Station 9+35±).	1	L.S.	N/A	<u>\$750.00</u>

BID SCHEDULE I
CONSTRUCTION OF 12", 18", AND 24" DUCTILE IRON WATER PIPELINES
STATIONS 9+35± TO 87+99.35, 200+37± TO 555+87±, AND 10+00.00 TO 14+15.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
127	Furnish and install connection to existing 24" butterfly valve (installed by the District prior to construction), including all fittings and connection piping (Station 200+37±).	1	L.S.	N/A	\$ <u>750.00</u>
128	Furnish and install connection to existing 18" butterfly valve, including all fittings and connection piping and removing existing blowoff assembly (Station 212+65±).	1	L.S.	N/A	\$ <u>1,500.00</u>
129	Furnish and install 60± LF of 12" ductile iron pipe with restrained joints, including two connections to existing 12" gate valves (installed by the District prior to construction) and furnishing and installing 12" flanged gate valve, 6" flanged gate valve, 6" ductile iron manifold with three 2" services per CVWD Std. Dwg. W-13B, and thrust block (Station 233+95±).	1	L.S.	N/A	\$ <u>1,500.00</u>
130	Furnish and install 60± LF of 12" ductile iron pipe with restrained joints, including two connections to existing 12" gate valves (installed by the District prior to construction) and furnishing and installing 12" flanged gate valve, 6" flanged gate valve, 6" ductile iron manifold with two 2" services per CVWD Std. Dwg. W-13B, and thrust block (Station 238+00.00).	1	L.S.	N/A	\$ <u>1,500.00</u>
131	Furnish and install connection to existing 24" butterfly valve (installed by the District prior to construction), including all fittings and connection piping (Station 0+16±).	1	L.S.	N/A	\$ <u>1,500.00</u>
132	Furnish and install connection to existing 12" gate valve (installed by the District prior to construction), including all fittings and connection piping (Station 253+36±).	1	L.S.	N/A	\$ <u>1,500.00</u>
133	Furnish and install 12± LF of 8" ductile iron extension piping, including 4" blowoff per CVWD Std. Dwg. W-23 and all fittings (Station 256+29.00).	1	L.S.	N/A	\$ <u>1,500.00</u>

BID SCHEDULE I
CONSTRUCTION OF 12", 18", AND 24" DUCTILE IRON WATER PIPELINES
STATIONS 9+35± TO 87+99.35, 200+37± TO 555+87±, AND 10+00.00 TO 14+15.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
134	Furnish and install 7± LF of 8" ductile iron extension piping, including 4" blowoff per CVWD Std. Dwg. W-23 and all fittings (Station 259+36.00).	1	L.S.	N/A	<u>\$1,500.00</u>
135	Furnish and install 6± LF of 12" ductile iron extension piping, including all fittings (Station 265+87.00).	1	L.S.	N/A	<u>\$1,500.00</u>
136	Furnish and install connection to existing 24" butterfly valve (installed by the District prior to construction), including all fittings and connection piping (Station 555+87±).	1	L.S.	N/A	<u>\$1,500.00</u>
137	Furnish and install 25± LF of 6" ductile iron extension piping, including all fittings (Station 12+35.00).	1	L.S.	N/A	<u>\$1,500.00</u>
138	Relocate existing gas service as required for construction, including all coordination with the Gas Company and associated fees.	3	EACH	<u>\$2,066.00</u>	<u>\$6,198.00</u>
139	Relocate existing water service as required for construction, including all coordination with CVWD and associated fees.	3	EACH	<u>\$2,066.00</u>	<u>\$6,198.00</u>
140	Relocate existing sewer lateral as required for construction, including all coordination with CVWD and associated fees.	3	EACH	<u>\$2,066.00</u>	<u>\$6,198.00</u>
141	Remove portion of existing 27" irrigation line and replace with a 20-foot section of 24" PVC C905 DR18 pipe per Irrigation Pipe Replacement Detail, Sheet 6 of Construction Drawings, including all fittings and coordination with CVWD (Station 21+82±).	1	EACH	<u>\$2,066.00</u>	<u>\$2,066.00</u>
142	Remove portion of existing 24" irrigation line and replace with a 20-foot section of 24" PVC C905 DR18 pipe per Irrigation Pipe Replacement Detail, Sheet 6 of Construction Drawings, including all fittings and coordination with CVWD (Station 87+23±).	1	EACH	<u>\$2,066.00</u>	<u>\$2,066.00</u>

BID SCHEDULE I
CONSTRUCTION OF 12", 18", AND 24" DUCTILE IRON WATER PIPELINES
STATIONS 9+35± TO 87+99.35, 200+37± TO 555+87±, AND 10+00.00 TO 14+15.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
143	Remove portion of existing 24" irrigation line and replace with a 20-foot section of 24" PVC C905 DR18 pipe per Irrigation Pipe Replacement Detail, Sheet 6 of Construction Drawings, including all fittings and coordination with CVWD (Station 88+62±).	1	EACH	<u>\$2,066.00</u>	<u>\$2,066.00</u>
144	Remove portion of existing private 12" irrigation line and replace with a 20-foot section of 12" PVC C900 DR18 pipe per Irrigation Pipe Replacement Detail, Sheet 6 of Construction Drawings, including all fittings and coordination with utility owner (Station 87+00±).	1	EACH	<u>\$2,066.00</u>	<u>\$2,066.00</u>
145	Remove portion of existing 24" irrigation line and replace with a 20-foot section of 24" PVC C905 DR18 pipe per Irrigation Pipe Replacement Detail, Sheet 6 of Construction Drawings, including all fittings and coordination with utility owner (Station 200+58±).	1	EACH	<u>\$2,066.00</u>	<u>\$2,066.00</u>
146	Remove portion of existing 14" irrigation line and replace with a 20-foot section of 14" PVC C905 DR18 pipe per Irrigation Pipe Replacement Detail, Sheet 6 of Construction Drawings, including all fittings and coordination with utility owner (Station 266+20±).	1	EACH	<u>\$2,066.00</u>	<u>\$2,066.00</u>
147	Remove portion of existing 12" irrigation line and replace with a 20-foot section of 12" PVC C900 DR18 pipe per Irrigation Pipe Replacement Detail, Sheet 6 of Construction Drawings, including all fittings and coordination with CVWD (Station 279+59±).	1	EACH	<u>\$1,066.00</u>	<u>\$1,066.00</u>

BID SCHEDULE I
CONSTRUCTION OF 12", 18", AND 24" DUCTILE IRON WATER PIPELINES
STATIONS 9+35± TO 87+99.35, 200+37± TO 555+87±, AND 10+00.00 TO 14+15.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
148	Remove portion of existing 12" irrigation line and replace with a 20-foot section of 12" PVC C900 DR18 pipe per Irrigation Pipe Replacement Detail, Sheet 6 of Construction Drawings, including all fittings and coordination with CVWD (Station 292+52±).	1	EACH	<u>\$1,066.00</u>	<u>\$1,066.00</u>
149	Remove portion of existing 12" irrigation line and replace with a 20-foot section of 12" PVC C900 DR18 pipe per Details, Sheets 2 and 3 of Construction Drawings, including all fittings and coordination with CVWD (Station 372+17±).	1	EACH	<u>\$1,066.00</u>	<u>\$1,066.00</u>
150	Remove portion of existing 12" irrigation line and replace with a 20-foot section of 12" PVC C900 DR18 pipe per Details, Sheets 2 and 3 of Construction Drawings, including all fittings and coordination with CVWD (Station 385+74±).	1	EACH	<u>\$1,066.00</u>	<u>\$1,066.00</u>
151	Furnish and install 0.5' asphalt concrete base pavement over 0.75' Class II base per County of Riverside Specifications, Standards, and Permits as required for mainline and branch trenches (Stations 9+35± to 46+80±, 47+80± to 48+40±, 74+70 to 75+50±, 200+37± to 277+40±, 359+50± to 411+30±, and 0+00.00 to 0+16±).	16,784±	L.F.	<u>\$24.75</u>	<u>\$415,404.00</u>
152	Furnish and install 0.15' grind and 0.15' asphalt concrete pavement overlay over the traffic lane disturbed (12' wide minimum) per the Contract Documents and County of Riverside Specifications, Standards, and Permits per lineal foot of trench for limits specified in Bid Item 149.	16,784±	L.F.	<u>\$14.50</u>	<u>\$243,368.00</u>
153	Set ties, replace survey monument, and file a corner record for each survey monument disturbed or destroyed.	20	EACH	<u>\$100.00</u>	<u>\$2,000.00</u>

BID SCHEDULE I
CONSTRUCTION OF 12", 18", AND 24" DUCTILE IRON WATER PIPELINES
STATIONS 9+35± TO 87+99.35, 200+37± TO 555+87±, AND 10+00.00 TO 14+15.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
154	Stop work in one area during installation of waterline and move equipment, materials, and labor to another area along proposed alignment and start work in new area, all as directed by Owner.	1	L.S.	N/A	\$1,492.00

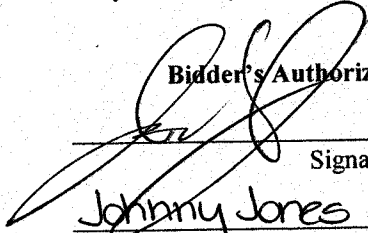
TOTAL BID (Sum of Bid Items 101 through 154):
 Five Million, Six Hundred, One Thousand, Nine Hundred, Twelve _____ Dollars \$5,601,912.00
 (words) (figures)

FINAL BID AMOUNT ADJUSTMENT (If Any):
 Less Sixty Thousand _____ Dollars < \$60,000.00 >
 (words) (figures)

NET BID (With Adjustment)
 Five Million, Five Hundred, Forty-One Thousand Nine Hundred, Twelve _____ Dollars \$5,541,912.00
 (words) (figures)

Bidder hereby acknowledges that all bid prices include any amounts payable by Owner for taxes which may result from this proposal.

Bidder's Authorized Representative



 Signature

Johnny Jones

 Name (Print)

President

 Title (Print)

BID SCHEDULE II
CONSTRUCTION OF 18" DUCTILE IRON WATER PIPELINE
STATIONS 87+99.35 TO 100+42±
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
201	Furnish contract bonds, project insurance, all project permits, and project management.	1	L.S.	N/A	<u>\$1,000.00</u>
202	Furnish trench protection (shoring or sloping) in accordance with Cal/OSHA Standards for all trenches greater than 5' in depth.	1	L.S.	N/A	<u>\$3,673.00</u>
203	Furnish traffic control, including traffic control drawings for RCTD approval, furnishing and installing all signs, delineators, arrowboards, and flagmen in accordance with RCTD Standards and Permits.	1	L.S.	N/A	<u>\$1,000.00</u>
204	Furnish and install 18" Class 250 Ductile Iron pipe and fittings with restrained joints, including polyethylene encasement, trench dewatering, backfill, slurry backfill as required, compaction, testing, and disinfection (Stations 87+99.35 to 88+83.10BK and 87+07.11AH to 100+42±).	1,419±	L.F.	<u>\$ 74.00</u>	<u>\$105,006.00</u>
205	Furnish and install 6" flanged gate valve, Class 150, with 6" blind flange (Station 100+22.00).	1	EACH	<u>\$1,400.00</u>	<u>\$1,400.00</u>
206	Relocate existing gas service as required for construction, including all coordination with the Gas Company and all associated fees.	1	EACH	<u>\$2,000.00</u>	<u>\$2,000.00</u>
207	Furnish and install connection to existing 18" butterfly valve, including all fittings and connection piping and removing existing blowoff assembly (Station 100+42±).	1	L.S.	N/A	<u>\$1,500.00</u>

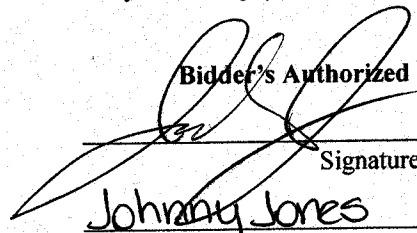
BID SCHEDULE II
CONSTRUCTION OF 18" DUCTILE IRON WATER PIPELINE
STATIONS 87+99.35 TO 100+42±

TOTAL BID (Sum of Bid Items 201 through 207):
One Hundred, Fifteen Thousand, Five Hundred, Seventy-Nine Dollars \$ 115,579.00
(words) (figures)

FINAL BID AMOUNT ADJUSTMENT (If Any):
_____ Dollars \$ _____
(words) (figures)

NET BID (With Adjustment)
One Hundred, Fifteen Thousand, Five Hundred Seventy-Nine Dollars \$ 115,579.00
(words) (figures)

Bidder hereby acknowledges that all bid prices include any amounts payable by Owner for taxes which may result from this proposal.

Bidder's Authorized Representative


Signature
Johnny Jones
Name (Print)
President
Title (Print)

BID SCHEDULE III
CONSTRUCTION OF 24" DUCTILE IRON WATER PIPELINE
STATIONS 9+70.00 TO 64+28.05
(CONSTRUCTION DRAWINGS PREPARED BY STANTEC)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
301	Furnish contract bonds, project insurance, all project permits, and project management.	1	L.S.	N/A	<u>\$10,000.00</u>
302	Furnish trench protection (shoring or sloping) in accordance with Cal/OSHA Standards for all trenches greater than 5' in depth.	1	L.S.	N/A	<u>\$3,650.00</u>
303	Furnish traffic control, including traffic control drawings for RCTD approval, furnishing and installing all signs, delineators, arrowboards, and flagmen in accordance with RCTD Standards and Permits.	1	L.S.	N/A	<u>\$10,000.00</u>
304	Furnish and install 24" Class 200 ductile iron pipe and fittings, including polyethylene encasement, trench dewatering, backfill, compaction, testing, and disinfection (Stations 15+88.00 to 26+84.00, 33+60.00 to 36+60.82, 45+11.55 to 50+23.60, and 51+84.47 to 60+90.05).	2,814±	L.F.	<u>\$102.00</u>	<u>\$287,028.00</u>
305	Furnish and install 24" Class 200 ductile iron pipe and fittings with restrained joints, including polyethylene encasement, trench dewatering, backfill, slurry backfill as required, compaction, testing, and disinfection (Stations 9+70.00 to 10+30.77, 12+06.77 to 15+88.00, 26+84.00 to 33+60.00, 36+60.82 to 37+98.03, 38+18.03 to 44+22.03, 44+42.03 to 45+11.55, 50+23.60 to 50+94.04, 51+14.04 to 51+84.47, and 60+90.05 to 64+28.05).	2,408±	L.F.	<u>\$102.00</u>	<u>\$245,616.00</u>
306	Bore and jack 42" steel conductor casing (t = 0.75") per CVWD Std. Dwg. W-40, including bore pit, receiving pit, pit dewatering, furnishing and installing 24" ductile iron carrier pipe with restrained joints, including polyethylene encasement, backfilling annulus with sand, and all related work (Stations 10+30.77 to 12+06.77).	176±	L.F.	<u>\$138.00</u>	<u>\$24,188.00</u>

BID SCHEDULE III
CONSTRUCTION OF 24" DUCTILE IRON WATER PIPELINE
STATIONS 9+70.00 TO 64+28.05
(CONSTRUCTION DRAWINGS PREPARED BY STANTEC)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
307	Furnish and install 42" steel conductor casing (t = 0.5") by open cut method, including trench dewatering, furnishing and installing 24" ductile iron carrier pipe with restrained joints, including polyethylene encasement, backfilling annulus with sand, and all related work (Stations 37+98.03 to 38+18.03, 44+22.03 to 44+42.03, and 50+94.04 to 51+14.04).	60±	L.F.	<u>\$160.00</u>	<u>\$9,600.00</u>
308	Furnish and install 18" flanged butterfly valve, Class 150, (Stations 30+22.02 and 41+00.00).	2	EACH	<u>\$3,057.00</u>	<u>\$6,114.00</u>
309	Furnish and install 24" flanged butterfly valve, Class 150, (Stations 9+80.00(2), 12+50.00, 30+22.02(2), and 41+00.00).	6	EACH	<u>\$5,315.00</u>	<u>\$32,190.00</u>
310	Furnish and install 6" blowoff assembly per CVWD Std. Dwg. W-23, including 18" ductile iron piping, valves, and fittings (Stations 9+70.00 and 41+00.00-Line 'A3').	2	EACH	<u>\$3,000.00</u>	<u>\$6,000.00</u>
311	Furnish and install 2" air valve per CVWD Std. Dwgs. W-21B and W-22A (Stations 12+52.00, 30+24.02, 38+25.24, 44+49.55, and 51+24.77).	5	EACH	<u>\$3,100.00</u>	<u>\$15,500.00</u>
312	Furnish and install connection to existing 18" butterfly valve (installed by the District prior to construction), including all fittings and connection piping with restrained joints (Station 9+80.00-Line 'A1').	1	L.S.	N/A	<u>\$1,500.00</u>
313	Furnish and install connection to existing 18" butterfly valve (installed by the District prior to construction), including all fittings and connection piping with restrained joints (Station 30+22.02-Line 'A2').	1	L.S.	N/A	<u>\$1,500.00</u>

BID SCHEDULE III
CONSTRUCTION OF 24" DUCTILE IRON WATER PIPELINE
STATIONS 9+70.00 TO 64+28.05
(CONSTRUCTION DRAWINGS PREPARED BY STANTEC)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
314	Furnish and install connection to existing 24" butterfly valve (installed by the District prior to construction), including all fittings and connection piping (Station 64+28.05).	1	L.S.	N/A	<u>\$1,500.00</u>
315	Relocate existing gas service as required for construction, including all coordination with the Gas Company and associated fees.	3	EACH	<u>\$2,000.00</u>	<u>\$6,000.00</u>
316	Relocate existing water service as required for construction, including all coordination with CVWD and associated fees.	3	EACH	<u>\$1,500.00</u>	<u>\$4,500.00</u>
317	Relocate existing sewer lateral as required for construction, including all coordination with CVWD and associated fees.	3	EACH	<u>\$2,000.00</u>	<u>\$6,000.00</u>
318	Furnish and install 0.5' asphalt concrete base pavement over 0.75' Class II base per County of Riverside Specifications, Standards, and Permits as required for mainline and branch trenches (Stations 9+70± to 64+28±).	5,458±	L.F.	<u>\$25.00</u>	<u>\$136,450.00</u>
319	Furnish and install 0.15' grind and 0.15' asphalt concrete overlay over the traffic lane disturbed (12' wide minimum) per the Contract Documents and County of Riverside Specifications, Standards, and Permits per lineal foot of trench for the limits specified in Bid Item 318.	5,458±	L.F.	<u>\$14.50</u>	<u>\$79,141.00</u>
320	Set ties, replace survey monument, and file a corner record for each survey monument disturbed or destroyed.	4	EACH	<u>\$100.00</u>	<u>\$400.00</u>
321	Stop work in one area during installation of waterline and move equipment, materials, and labor to another area along proposed alignment and start work in new area, all as directed by Owner.	1	L.S.	N/A	<u>\$1,000.00</u>

BID SCHEDULE III
CONSTRUCTION OF 24" DUCTILE IRON WATER PIPELINE
STATIONS 9+70.00 TO 64+28.05

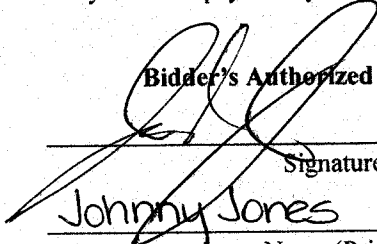
TOTAL BID (Sum of Bid Items 301 through 321):
Nine Hundred, Ninety-Three Thousand
Five Hundred, Seventy-Seven Dollars \$ 993,577.00
(words) (figures)

FINAL BID AMOUNT ADJUSTMENT (If Any):
_____ Dollars \$ _____
(words) (figures)

NET BID (With Adjustment)
Nine Hundred, Ninety-Three Thousand, Five
Hundred, Seventy-Seven Dollars \$ 993,577.00
(words) (figures)

Bidder hereby acknowledges that all bid prices include any amounts payable by Owner for taxes which may result from this proposal.

Bidder's Authorized Representative



Signature

Johnny Jones

Name (Print)

President

Title (Print)

BID SCHEDULE IV
CONSTRUCTION OF 12", 18", 21", 24", AND 27" VITRIFIED CLAY PIPE SEWER
STATIONS 10+00.00 TO 188+45.00 AND 10+00.00 TO 13+48.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
401	Furnish contract bonds, project insurance, all project permits, and project management.	1	L.S.	N/A	<u>\$64,613.00</u>
402	Furnish trench protection (shoring or sloping) in accordance with Cal/OSHA Standards for all trenches greater than 5' in depth.	1	L.S.	N/A	<u>\$35,153.00</u>
403	Furnish traffic control, including traffic control drawings for RCTD approval, furnishing and installing all signs, delineators, arrowboards, and flagmen in accordance with RCTD Standards and Permits.	1	L.S.	N/A	<u>\$105,365.00</u>
404	Furnish and install 8" VCP sewer pipe (high strength), including dewatering, backfill, CLSM backfill as required, compaction, and testing (Station 15+55.31).	60±	L.F.	<u>\$220.00</u>	<u>\$13,200.00</u>
405	Furnish and install 12" VCP sewer pipe (high strength), including dewatering, backfill, CLSM backfill as required, compaction, and testing (Stations 10+00.00 to 13+48.00 (Avenue 58)).	348±	L.F.	<u>\$192.00</u>	<u>\$66,816.00</u>
406	Furnish and install 18" VCP sewer pipe (high strength), including dewatering, backfill, CLSM backfill as required, compaction, and testing (Stations 10+00.00 to 14+60.00, 14+84.00 to 16+17.00, 16+47.00 to 23+40.00, and 24+60.00 to 30+19.01).	1,845±	L.F.	<u>\$205.00</u>	<u>\$378,225.00</u>
407	Furnish and install 21" VCP sewer pipe (high strength), including dewatering, backfill, CLSM backfill as required, compaction, and testing (Stations 30+18.65 to 82+37.00 and 82+67.00 to 83+13.11).	5,265±	L.F.	<u>\$206.00</u>	<u>\$1,084,590.00</u>

BID SCHEDULE IV
CONSTRUCTION OF 12", 18", 21", 24", AND 27" VITRIFIED CLAY PIPE SEWER
STATIONS 10+00.00 TO 188+45.00 AND 10+00.00 TO 13+48.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
408	Furnish and install 24" VCP sewer pipe (high strength), including dewatering, backfill, compaction, and testing (Stations 83+13.11 to 84+06.83BK, 84+00.00AH to 135+55.00, 135+79.00 to 136+17.00, and 136+42.00 to 136+48.06BK).	5,293±	L.F.	\$ <u>238.00</u>	\$ <u>1,259,734.00</u>
409	Furnish and install 27" VCP sewer pipe (high strength), including dewatering, backfill, compaction, and testing (Stations 136+50.00AH to 136+77.00 and 137+12.00 to 188+49.50).	5,165±	L.F.	\$ <u>254.00</u>	\$ <u>1,311,910.00</u>
410	Bore and jack 36" diameter (t = 0.375") steel conductor casing, including boring pit, receiving pit, pit dewatering, furnishing and installing 18" high strength VCP carrier pipe in casing, backfilling annulus with sand, and all related work. (Stations 14+60.00 to 14+84.00)	24±	L.F.	\$ <u>1,753.00</u>	\$ <u>42,072.00</u>
411	Bore and jack 36" diameter, (t = 0.375"), steel conductor casing, including boring pit, receiving pit, pit dewatering, furnishing and installing 18" high strength VCP carrier pipe in casing, backfilling annulus with sand, and all related work. (Stations 16+17.00 to 16+47.00)	30±	L.F.	\$ <u>1,753.00</u>	\$ <u>52,590.00</u>
412	Bore and jack 42" diameter, (t = 0.5") steel conductor casing, including boring pit, receiving pit, pit dewatering, furnishing and installing 21" high strength VCP carrier pipe in casing, backfilling annulus with sand, and all related work. (Stations 82+37.00 to 82+67.00)	30±	L.F.	\$ <u>1,764.00</u>	\$ <u>52,920.00</u>

BID SCHEDULE IV
CONSTRUCTION OF 12", 18", 21", 24", AND 27" VITRIFIED CLAY PIPE SEWER
STATIONS 10+00.00 TO 188+45.00 AND 10+00.00 TO 13+48.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
413	Bore and jack 42" diameter, (t = 0.5"), steel conductor casing, including boring pit, receiving pit, pit dewatering, furnishing and installing 24" high strength VCP carrier pipe in casing, backfilling annulus with sand, and all related work. (Stations 135+55.00 to 135+79.00)	24±	L.F.	<u>\$1,764.00</u>	<u>\$42,336.00</u>
414	Bore and jack 42" diameter, (t = 0.5"), steel conductor casing, including boring pit, receiving pit, pit dewatering, furnishing and installing 24" high strength VCP carrier pipe in casing, backfilling annulus with sand, and all related work. (Stations 136+17.00 to 136+42.00).	25±	L.F.	<u>\$1,764.00</u>	<u>\$44,100.00</u>
415	Bore and jack 48" diameter, (t = 0.5"), steel conductor casing, including boring pit, receiving pit, pit dewatering, furnishing and installing 27" high strength VCP carrier pipe in casing, backfilling annulus with sand, and all related work. (Stations 136+77.00 to 137+12.00)	35±	L.F.	<u>\$1,764.00</u>	<u>\$61,740.00</u>
416	Furnish and install 18" steel conductor casing (t = 0.25") by open cut method, including dewatering, furnishing and installing 8" high strength VCP carrier pipe in casing, backfilling annulus with sand, and all related work (Station 15+55.31).	10±	L.F.	<u>\$172.00</u>	<u>\$1,720.00</u>
417	Furnish and install 36" steel conductor casing (t = 0.375") by open cut method, including stubs and plugs as required, dewatering, furnishing and installing 18" high strength VCP carrier pipe in casing, backfilling annulus with sand, and all related work (Stations 23+40.00 to 24+60.00).	120±	L.F.	<u>\$389.00</u>	<u>\$46,680.00</u>

BID SCHEDULE IV
CONSTRUCTION OF 12", 18", 21", 24", AND 27" VITRIFIED CLAY PIPE SEWER
STATIONS 10+00.00 TO 188+45.00 AND 10+00.00 TO 13+48.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
418	Furnish and install 48" diameter precast concrete sewer manhole per CVWD Std. Dwg. S-5 and CVWD Technical Conditions, including stubs and plugs as required, dewatering, bolt-down lids as required, backfill, compaction, and testing (Stations 10+00.00, 13+00.00, 15+55.31, 16+55.00, 19+50.00, 23+00.00, 25+00.00, 27+50.00, 30+19.01BK, 34+00.00, 38+00.00, 42+00.00, 46+00.00, 50+00.00, 54+00.00, 56+65.00, 60+50.00, 64+50.00, 68+50.00, 72+50.00, 76+50.00, 80+24.06, and 10+00.00 (Avenue 58)).	23	EACH	<u>\$8,324.00</u>	<u>\$191,452.00</u>
419	Furnish and install 60" diameter precast concrete sewer manhole per CVWD Std. Dwg. S-5 and CVWD Technical Conditions, including stubs and plugs as required, dewatering, bolt-down lids as required, backfill, compaction, and testing (Stations 83+13.11, 84+06.83BK, 88+00.00, 92+00.00, 96+00.00, 100+00.00, 104+00.00, 108+00.00, 112+00.00, 116+00.00, 120+00.00, 124+00.00, 128+00.00, 132+00.00, 136+00.00, 136+48.06BK, 140+50.00, 144+50.00, 148+50.00, 152+50.00, 156+50.00, 160+50.00, 164+50.00, 168+50.00, 172+50.00, 176+50.00, 180+50.00, 184+50.00, and 188+45.00).	29	EACH	<u>\$9,905.00</u>	<u>\$287,245.00</u>
420	Furnish and install 6" VCP sewer lateral with cleanout per CVWD Std. Dwg. S-6, including dewatering, backfill, compaction, and testing (Station 12+56.48 (Airport Boulevard)).	1	EACH	<u>\$2,187.00</u>	<u>\$2,187.00</u>
421	Furnish and install 4" VCP sewer lateral with cleanout per CVWD Std. Dwg. S-6, including dewatering, backfill, compaction, and testing (Station 11+75.00 (Avenue 58)).	1	EACH	<u>\$2,124.00</u>	<u>\$2,124.00</u>

BID SCHEDULE IV
CONSTRUCTION OF 12", 18", 21", 24", AND 27" VITRIFIED CLAY PIPE SEWER
STATIONS 10+00.00 TO 188+45.00 AND 10+00.00 TO 13+48.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
422	Remove portion of existing 20" irrigation line and replace with a 20-foot section of 21" PVC C905 DR18 pipe, per Irrigation Pipe Replacement Detail, Sheet 20 of Construction Drawings, including all fittings, coordination with CVWD, and all related work (Station 15+55.31).	1	EACH	<u>\$4,598.00</u>	<u>\$4,598.00</u>
423	Remove portion of existing 14" irrigation line and replace with a 20-foot section of 14" PVC C905 DR18 pipe, per Irrigation Pipe Replacement Detail, Sheet 20 of Construction Drawings, including all fittings, coordination with CVWD, and all related work (Station 43+74±).	1	EACH	<u>\$4,598.00</u>	<u>\$4,598.00</u>
424	Remove portion of existing 12" irrigation line and replace with a 20-foot section of 12" PVC C900 DR18 pipe, per Irrigation Pipe Replacement Detail, Sheet 20 of Construction Drawings, including all fittings, coordination with CVWD, and all related work (Station 57+18±).	1	EACH	<u>\$4,598.00</u>	<u>\$4,598.00</u>
425	Remove portion of existing 12" irrigation line and replace with a 20-foot section of 12" PVC C900 DR18 pipe, per Irrigation Pipe Replacement Detail, Sheet 20 of Construction Drawings, including all fittings, coordination with CVWD, and all related work (Station 70+11±).	1	EACH	<u>\$4,598.00</u>	<u>\$4,598.00</u>
426	Abandon 12" irrigation lateral (60± L.F.), stand pipes, meter valves, and related appurtenances per CVWD Irrigation Lateral Abandonment Plan. Seal baffle opening with mortar, and backfill space created by irrigation lateral abandonment and compact to 95% relative compaction (Stations 83+77±, 96+73±, 110+34±, and 123+34±).	4	EACH	<u>\$5,458.00</u>	<u>\$21,832.00</u>

BID SCHEDULE IV
CONSTRUCTION OF 12", 18", 21", 24", AND 27" VITRIFIED CLAY PIPE SEWER
STATIONS 10+00.00 TO 188+45.00 AND 10+00.00 TO 13+48.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
427	Remove portion of existing 12" irrigation line and replace with a 20-foot section of 12" PVC C900 DR18 pipe, per Irrigation Pipe Replacement Detail, Sheet 20 of Construction Drawings, including all fittings, coordination with CVWD, and all related work (Station 149+79±).	1	EACH	<u>\$4,598.00</u>	<u>\$4,598.00</u>
428	Remove portion of existing 12" irrigation line and replace with a 20-foot section of 12" PVC C900 DR18 pipe, per Irrigation Pipe Replacement Detail, Sheet 20 of Construction Drawings, including all fittings, coordination with CVWD, and all related work (Station 163+36±).	1	EACH	<u>\$4,598.00</u>	<u>\$4,598.00</u>
429	Remove portion of existing 18" agricultural drain line and replace with a 20-foot section of 18" HDPE ADS Model N-12 pipe, per Drain Pipe Replacement Detail, Sheet 20 of Construction Drawings, including connections to existing drain line per Irrigation Pipe Replacement Detail, Sheet 20 of Construction Drawings, all fittings, coordination with CVWD, and all related work (Station 162+35±).	1	EACH	<u>\$4,598.00</u>	<u>\$4,598.00</u>
430	Remove portion of existing 18" agricultural drain line and replace with a 20-foot section of 18" HDPE ADS Model N-12 pipe, per Drain Pipe Replacement Detail, Sheet 20 of Construction Drawings, including connections to existing drain line per Irrigation Pipe Replacement Detail, Sheet 20 of Construction Drawings, all fittings, coordination with CVWD, and all related work (Station 188+24±).	1	EACH	<u>\$4,598.00</u>	<u>\$4,598.00</u>

BID SCHEDULE IV
CONSTRUCTION OF 12", 18", 21", 24", AND 27" VITRIFIED CLAY PIPE SEWER
STATIONS 10+00.00 TO 188+45.00 AND 10+00.00 TO 13+48.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
431	Furnish and install 0.5' asphalt concrete base pavement over 0.75' Class II base per County of Riverside Specifications, Standards, and Permits, as required for mainline and branch trenches (Stations 9+96± to 30+40± and 83+65± to 188+45±).	12,524±	L.F.	<u>\$36.00</u>	<u>\$450,864.00</u>
432	Furnish and install 0.15' grind and 0.15' asphalt concrete pavement overlay over the traffic lane disturbed (12' wide minimum) per the Contract Documents and County of Riverside Specifications, Standards, and Permits per lineal foot of trench for limits specified in Bid Item 431.	12,524±	L.F.	<u>\$13.00</u>	<u>\$162,812.00</u>
433	Set ties, replace survey monument and file a corner record for each survey monument disturbed or destroyed.	10	EACH	<u>\$100.00</u>	<u>\$1,000.00</u>
434	Stop work in one area during installation of the sewer line and move equipment, materials, and labor to another area along proposed alignment and start work in new area, all as directed by Owner.	1	L.S.	N/A	<u>\$1,000.00</u>
435	Furnish and install modified trench bedding and backfill (see Addendum No. 1 modifications to Special Requirements, Section 4, Sewer Improvements - Special Provisions, Part C - Bedding and Pipe Zone Backfill) in cases where specified trench dewatering and suitable bedding cannot be achieved due to the presence of clays or other poorly draining soils, including pumping and disposal of trench water.	9,000±	L.F.	<u>\$7.50</u>	<u>\$67,500.00</u>

BID SCHEDULE IV
CONSTRUCTION OF 12", 18", 21", 24", AND 27" VITRIFIED CLAY PIPE SEWER
STATIONS 10+00.00 TO 188+45.00 AND 10+00.00 TO 13+48.00

TOTAL BID (Sum of Bid Items 401 through 435):
Five Million, Eight Hundred, Eighty-Eight Thousand, Five Hundred, Sixty-Four Dollars \$5,888,564.00
(words) (figures)

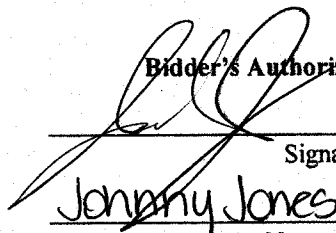
FINAL BID AMOUNT ADJUSTMENT (If Any):

less Eighty-Eight Thousand, Five Hund. Sixty-Four Dollars < \$ 88,564.00 >
(words) (figures)

NET BID (With Adjustment)
Five Million, Eight Hundred Thousand Dollars \$5,800,000.00
(words) (figures)

Bidder hereby acknowledges that all bid prices include any amounts payable by Owner for taxes which may result from this proposal.

Bidder's Authorized Representative



Signature
Johnny Jones

Name (Print)
President

Title (Print)

BID SCHEDULE IV A
CONSTRUCTION OF 12" VITRIFIED CLAY PIPE SEWER
STATIONS 10+00.00 TO 188+45.00 AND 10+00.00 TO 13+48.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)
(Bid Schedule IV A is alternative to Bid Schedule IV)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
401A	Furnish contract bonds, project insurance, all project permits, and project management.	1	L.S.	N/A	<u>\$123,000.00</u>
402A	Furnish trench protection (shoring or sloping) in accordance with Cal/OSHA Standards for all trenches greater than 5' in depth.	1	L.S.	N/A	<u>\$123,000.00</u>
403A	Furnish traffic control, including traffic control drawings for RCTD approval, furnishing and installing all signs, delineators, arrowboards, and flagmen in accordance with RCTD Standards and Permits.	1	L.S.	N/A	<u>\$118,330.00</u>
404A	Furnish and install 8" VCP sewer pipe (high strength), including dewatering, backfill, CLSM backfill as required, compaction, and testing (Station 15+55.31).	60±	L.F.	<u>\$249.00</u>	<u>\$14,940.00</u>
405A	Furnish and install 12" VCP sewer pipe (high strength), including dewatering, backfill, CLSM backfill as required, compaction, and testing (Stations 10+00.00 to 13+48.00 (Avenue 58)).	348±	L.F.	<u>\$178.00</u>	<u>\$61,944.00</u>
406A	Furnish and install 12" VCP sewer pipe (high strength), including dewatering, backfill, CLSM backfill as required, compaction, and testing (Stations 10+00.00 to 14+60.00, 14+84.00 to 16+17.00, 16+47.00 to 23+40.00, and 24+60.00 to 30+19.01).	1,845±	L.F.	<u>\$178.00</u>	<u>\$328,410.00</u>
407A	Furnish and install 12" VCP sewer pipe (high strength), including dewatering, backfill, CLSM backfill as required, compaction, and testing (Stations 30+18.65 to 82+37.00 and 82+67.00 to 83+13.11).	5,265±	L.F.	<u>\$178.00</u>	<u>\$937,170.00</u>

BID SCHEDULE IV A
CONSTRUCTION OF 12" VITRIFIED CLAY PIPE SEWER
STATIONS 10+00.00 TO 188+45.00 AND 10+00.00 TO 13+48.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)
(Bid Schedule IV A is alternative to Bid Schedule IV)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
408A	Furnish and install 12" VCP sewer pipe (high strength), including dewatering, backfill, CLSM backfill as required, compaction, and testing (Stations 83+13.11 to 84+06.83BK, 84+00.00AH to 135+55.00, 135+79.00 to 136+17.00, and 136+42.00 to 136+48.06BK).	5,293±	L.F.	\$ <u>178.00</u>	\$ <u>942,154.00</u>
409A	Furnish and install 12" VCP sewer pipe (high strength), including dewatering, backfill, CLSM backfill as required, compaction, and testing (Stations 136+50.00AH to 136+77.00 and 137+12.00 to 188+49.50).	5,165±	L.F.	\$ <u>178.00</u>	\$ <u>919,310.00</u>
410A	Bore and jack 30" diameter (t = 0.375") steel conductor casing, including boring pit, receiving pit, pit dewatering, furnishing and installing 12" high strength VCP carrier pipe in casing, backfilling annulus with sand, and all related work. (Stations 14+60.00 to 14+84.00)	24±	L.F.	\$ <u>2,239.00</u>	\$ <u>53,736.00</u>
411A	Bore and jack 30" diameter, (t = 0.375"), steel conductor casing, including boring pit, receiving pit, pit dewatering, furnishing and installing 12" high strength VCP carrier pipe in casing, backfilling annulus with sand, and all related work. (Stations 16+17.00 to 16+47.00)	30±	L.F.	\$ <u>2,239.00</u>	\$ <u>67,170.00</u>
412A	Bore and jack 30" diameter, (t = 0.375") steel conductor casing, including boring pit, receiving pit, pit dewatering, furnishing and installing 12" high strength VCP carrier pipe in casing, backfilling annulus with sand, and all related work. (Stations 82+37.00 to 82+67.00)	30±	L.F.	\$ <u>2,239.00</u>	\$ <u>67,170.00</u>

BID SCHEDULE IV A
CONSTRUCTION OF 12" VITRIFIED CLAY PIPE SEWER
STATIONS 10+00.00 TO 188+45.00 AND 10+00.00 TO 13+48.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)
(Bid Schedule IV A is alternative to Bid Schedule IV)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
413A	Bore and jack 30" diameter, (t = 0.375"), steel conductor casing, including boring pit, receiving pit, pit dewatering, furnishing and installing 12" high strength VCP carrier pipe in casing, backfilling annulus with sand, and all related work. (Stations 135+55.00 to 135+79.00)	24±	L.F.	<u>\$2,239.00</u>	<u>\$53,736.00</u>
414A	Bore and jack 30" diameter, (t = 0.375"), steel conductor casing, including boring pit, receiving pit, pit dewatering, furnishing and installing 12" high strength VCP carrier pipe in casing, backfilling annulus with sand, and all related work. (Stations 136+17.00 to 136+42.00).	25±	L.F.	<u>\$2,239.00</u>	<u>\$55,975.00</u>
415A	Bore and jack 30" diameter, (t = 0.375"), steel conductor casing, including boring pit, receiving pit, pit dewatering, furnishing and installing 12" high strength VCP carrier pipe in casing, backfilling annulus with sand, and all related work. (Stations 136+77.00 to 137+12.00)	35±	L.F.	<u>\$2,239.00</u>	<u>\$78,365.00</u>
416A	Furnish and install 18" steel conductor casing (t = 0.25") by open cut method, including dewatering, furnishing and installing 8" high strength VCP carrier pipe in casing, backfilling annulus with sand, and all related work (Station 15+55.31).	10±	L.F.	<u>\$246.00</u>	<u>\$2,460.00</u>
417A	Furnish and install 30" steel conductor casing (t = 0.375") by open cut method, including stubs and plugs as required, dewatering, furnishing and installing 12" high strength VCP carrier pipe in casing, backfilling annulus with sand, and all related work (Stations 23+40.00 to 24+60.00).	120±	L.F.	<u>\$363.00</u>	<u>\$43,560.00</u>

BID SCHEDULE IV A
CONSTRUCTION OF 12" VITRIFIED CLAY PIPE SEWER
STATIONS 10+00.00 TO 188+45.00 AND 10+00.00 TO 13+48.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)
(Bid Schedule IV A is alternative to Bid Schedule IV)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
418A	Furnish and install 48" diameter precast concrete sewer manhole per CVWD Std. Dwg. S-5 and CVWD Technical Conditions, including stubs and plugs as required, dewatering, bolt-down lids as required, backfill, compaction, and testing (Stations 10+00.00, 13+00.00, 15+55.31, 16+55.00, 19+50.00, 23+00.00, 25+00.00, 27+50.00, 30+19.01BK, 34+00.00, 38+00.00, 42+00.00, 46+00.00, 50+00.00, 54+00.00, 56+65.00, 60+50.00, 64+50.00, 68+50.00, 72+50.00, 76+50.00, 80+24.06, 83+13.11, 84+06.83BK, 88+00.00, 92+00.00, 96+00.00, 100+00.00, 104+00.00, 108+00.00, 112+00.00, 116+00.00, 120+00.00, 124+00.00, 128+00.00, 132+00.00, 136+00.00, 136+48.06BK, 140+50.00, 144+50.00, 148+50.00, 152+50.00, 156+50.00, 160+50.00, 164+50.00, 168+50.00, 172+50.00, 176+50.00, 180+50.00, 184+50.00, 188+45.00, and 10+00.00 (Avenue 58)).	52	EACH	<u>\$10,217.00</u>	<u>\$531,284.00</u>
419A	Furnish and install 6" VCP sewer lateral with cleanout per CVWD Std. Dwg. S-6, including dewatering, backfill, compaction, and testing (Station 12+56.48 (Airport Boulevard)).	1	EACH	<u>\$2,333.00</u>	<u>\$2,333.00</u>
420A	Furnish and install 4" VCP sewer lateral with cleanout per CVWD Std. Dwg. S-6, including dewatering, backfill, compaction, and testing (Station 11+75.00 (Avenue 58)).	1	EACH	<u>\$2,272.00</u>	<u>\$2,272.00</u>
421A	Remove portion of existing 20" irrigation line and replace with a 20-foot section of 21" PVC C905 DR18 pipe, per Irrigation Pipe Replacement Detail, Sheet 20 of Construction Drawings, including all fittings, coordination with CVWD, and all related work (Station 15+55.31).	1	EACH	<u>\$6,586.00</u>	<u>\$6,586.00</u>

BID SCHEDULE IV A
CONSTRUCTION OF 12" VITRIFIED CLAY PIPE SEWER
STATIONS 10+00.00 TO 188+45.00 AND 10+00.00 TO 13+48.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)
(Bid Schedule IV A is alternative to Bid Schedule IV)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
422A	Remove portion of existing 14" irrigation line and replace with a 20-foot section of 14" PVC C905 DR18 pipe, per Irrigation Pipe Replacement Detail, Sheet 20 of Construction Drawings, including all fittings, coordination with CVWD, and all related work (Station 43+74±).	1	EACH	<u>\$6,586.00</u>	<u>\$6,586.00</u>
423A	Remove portion of existing 12" irrigation line and replace with a 20-foot section of 12" PVC C900 DR18 pipe, per Irrigation Pipe Replacement Detail, Sheet 20 of Construction Drawings, including all fittings, coordination with CVWD, and all related work (Station 57+18±).	1	EACH	<u>\$6,586.00</u>	<u>\$6,586.00</u>
424A	Remove portion of existing 12" irrigation line and replace with a 20-foot section of 12" PVC C900 DR18 pipe, per Irrigation Pipe Replacement Detail, Sheet 20 of Construction Drawings, including all fittings, coordination with CVWD, and all related work (Station 70+11±).	1	EACH	<u>\$6,586.00</u>	<u>\$6,586.00</u>
425A	Abandon 12" irrigation lateral (60± L.F.), stand pipes, meter valves, and related appurtenances per CVWD Irrigation Lateral Abandonment Plan. Seal baffle opening with mortar, and backfill space created by irrigation lateral abandonment and compact to 95% relative compaction (Stations 83+77±, 96+73±, 110+34±, and 123+34±).	4	EACH	<u>\$5,547.00</u>	<u>\$22,188.00</u>

BID SCHEDULE IV A
CONSTRUCTION OF 12" VITRIFIED CLAY PIPE SEWER
STATIONS 10+00.00 TO 188+45.00 AND 10+00.00 TO 13+48.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)
(Bid Schedule IV A is alternative to Bid Schedule IV)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
426A	Remove portion of existing 12" irrigation line and replace with a 20-foot section of 12" PVC C900 DR18 pipe, per Irrigation Pipe Replacement Detail, Sheet 20 of Construction Drawings, including all fittings, coordination with CVWD, and all related work (Station 149+79±).	1	EACH	<u>\$6,586.00</u>	<u>\$6,586.00</u>
427A	Remove portion of existing 12" irrigation line and replace with a 20-foot section of 12" PVC C900 DR18 pipe, per Irrigation Pipe Replacement Detail, Sheet 20 of Construction Drawings, including all fittings, coordination with CVWD, and all related work (Station 163+36±).	1	EACH	<u>\$6,586.00</u>	<u>\$6,586.00</u>
428A	Remove portion of existing 18" agricultural drain line and replace with a 20-foot section of 18" HDPE ADS Model N-12 pipe, per Drain Pipe Replacement Detail, Sheet 20 of Construction Drawings, including connections to existing drain line per Irrigation Pipe Replacement Detail, Sheet 20 of Construction Drawings, all fittings, coordination with CVWD, and all related work (Station 162+35±).	1	EACH	<u>\$6,586.00</u>	<u>\$6,586.00</u>
429A	Remove portion of existing 18" agricultural drain line and replace with a 20-foot section of 18" HDPE ADS Model N-12 pipe, per Drain Pipe Replacement Detail, Sheet 20 of Construction Drawings, including connections to existing drain line per Irrigation Pipe Replacement Detail, Sheet 20 of Construction Drawings, all fittings, coordination with CVWD, and all related work (Station 188+24±).	1	EACH	<u>\$6,586.00</u>	<u>\$6,586.00</u>

BID SCHEDULE IV A
CONSTRUCTION OF 12" VITRIFIED CLAY PIPE SEWER
STATIONS 10+00.00 TO 188+45.00 AND 10+00.00 TO 13+48.00
(CONSTRUCTION DRAWINGS PREPARED BY KRIEGER & STEWART)
(Bid Schedule IV A is alternative to Bid Schedule IV)

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
430A	Furnish and install 0.5' asphalt concrete base pavement over 0.75' Class II base per County of Riverside Specifications, Standards, and Permits, as required for mainline and branch trenches (Stations 9+96± to 30+40± and 83+65± to 188+45±).	12,524±	L.F.	\$ <u>39.00</u>	\$ <u>488,436.00</u>
431A	Furnish and install 0.15' grind and 0.15' asphalt concrete pavement overlay over the traffic lane disturbed (12' wide minimum) per the Contract Documents and County of Riverside Specifications, Standards, and Permits per lineal foot of trench for limits specified in Bid Item 430A.	12,524±	L.F.	\$ <u>15.00</u>	\$ <u>187,860.00</u>
432A	Set ties, replace survey monument and file a corner record for each survey monument disturbed or destroyed.	10	EACH	\$ <u>100.00</u>	\$ <u>1,000.00</u>
433A	Stop work in one area during installation of the sewer line and move equipment, materials, and labor to another area along proposed alignment and start work in new area, all as directed by Owner.	1	L.S.	N/A	\$ <u>1,000.00</u>
434A	Furnish and install modified trench bedding and backfill (see Addendum No. 1 modifications to Special Requirements, Section 4, Sewer Improvements - Special Provisions, Part C - Bedding and Pipe Zone Backfill) in cases where specified trench dewatering and suitable bedding cannot be achieved due to the presence of clays or other poorly draining soils, including pumping and disposal of trench water.	9,000±	L.F.	\$ <u>7.50</u>	\$ <u>67,500.00</u>

BD-45

BID SCHEDULE IV A
CONSTRUCTION OF 12" VITRIFIED CLAY PIPE SEWER
STATIONS 10+00.00 TO 188+45.00 AND 10+00.00 TO 13+48.00
(Bid Schedule IV A is alternative to Bid Schedule IV)

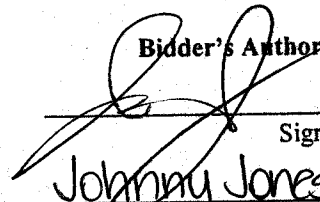
TOTAL BID (Sum of Bid Items 401A through 434A):
Five Million, Three Hundred, Forty Seven, Thousand
Fifty-One Dollars \$ 5,347,051.00
(words) (figures)

FINAL BID AMOUNT ADJUSTMENT (If Any):
_____ Dollars \$ _____
(words) (figures)

NET BID (With Adjustment)
Five Million, Three Hundred, Forty Seven Thousand
Fifty-One Dollars \$ 5,347,051.00
(words) (figures)

Bidder hereby acknowledges that all bid prices include any amounts payable by Owner for taxes which may result from this proposal.

Bidder's Authorized Representative



Signature
Johnny Jones

Name (Print)
President

Title (Print)

**THERMAL WATER AND SEWER IMPROVEMENTS
BID SUMMARY**

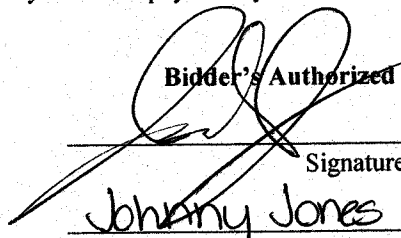
Bid Schedule I	– Construction of 12", 18", and 24" Ductile Iron Water Pipelines (Stations 9+35± to 87+99.35, 200+37± to 555+87±, and 10+00.00 to 14+15.00)	\$ <u>5,541,912.00</u>
Bid Schedule II	– Construction of 18" Ductile Iron Water Pipeline (Stations 87+99.35 to 100+42±)	\$ <u>115,579.00</u>
Bid Schedule III	– Construction of 24" Ductile Iron Water Pipeline (Stations 9+70.00 to 64+28.05)	\$ <u>993,577.00</u>
Bid Schedule IV	– Construction of 12", 18", 21", 24", and 27" Vitrified Clay Pipe Sewer (Stations 10+00.00 to 188+45.00 and 10+00.00 to 13+48.00)	\$ <u>5,800,000.00</u>
Total Net Bid for Bid Schedules I, II, III, and IV		\$ 12,441,068.00 <u>12,451,068.00</u>

Alternative to Bid Schedule IV:

Bid Schedule IV A	– Construction of 12" Vitrified Clay Pipe Sewer (Stations 10+00.00 to 188+45.00 and 10+00.00 to 13+48.00)	\$ <u>5,347,051.00</u>
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Bidder hereby acknowledges that all bid prices include any amounts payable by Owner for taxes which may result from this proposal.

Bidder's Authorized Representative



Signature

Johnny Jones

Name (Print)

President

Title (Print)

5. Contract Completion Schedule

a. Contract Completion Schedule

Contractor will be advised of award, if made, immediately following Owner's regular scheduled Board meeting (telephone conversation with letter confirmation). Contract Work shall be complete within 300 calendar days after date of Notice to Proceed.

b. Liquidated Damages

Contractor is advised that "Liquidated Damages" of \$1,000.00 per calendar day may be assessed for each calendar day that the Work remains incomplete following the dates established by the Contract Completion Schedule, as adjusted for due cause by Change Order.

6. Certified Data

In the blanks provided, fill in the required Certified Data relating to the Bidder's Proposal.

- a. Manufacturer of Ductile Iron Pipe
U.S. Pipe & Foundry, Inc
- b. Manufacturer of Ductile Iron Fittings
Star
- c. Manufacturer of Butterfly Valves
DeZurik
- d. Manufacturer of Gate Valves
Md H Valve
- e. Manufacturer of Pressure Reducing Valve
Claval
- f. Manufacturer of Precast Concrete Vault
J&R
- g. Manufacturer of Fire Hydrants
Clow
- h. Manufacturer of Air Valves
ARI
- i. Supplier of Portland Cement Concrete
Desert Ready Mix Concrete
- j. Supplier of Asphalt Concrete
Granite
- k. Supplier of Imported Sand
CV Aggregates
- l. Supplier of Crushed Rock
CV Aggregates
- m. Supplier of Controlled Low Strength Material
Desert Ready Mix concrete
- n. ~~Manufacturer of Vitrified Clay Pipe~~ Mission Clay
- o. Manufacturer of Precast Concrete Manholes
USCPW, Inc
- p. Manufacturer of PVC Pipe
Vinyltech
- q. Manufacturer of HDPE Pipe
ADS

7. **Certified Worker Craft and Classification**

Bidder hereby states that the bid proposal has been based on the worker craft and classification set forth below and the Work will be performed by personnel within these classifications unless Bidder specifically requests change in writing and Owner approves same in writing.

Work*	Craft	Classification
Steel Tank Work	Operating Engineer	Group B-Crane Operator
Electrical Work	Electrician	Cable Splicer
Plant Work	Roofer	Helper

Examples:

a. <u>Excavation</u>	<u>Operating Engineer</u>	<u>Excavators/loaders/Dozers</u>
b. <u>Pipe work</u>	<u>Laborers</u>	<u>Pipelayer/back-upman/Laborers</u>
c. <u>Flagging</u>	<u>Laborers</u>	<u>Laborer/Apprentice Laborer</u>
d. <u>Backfill</u>	<u>Operating Engineer</u>	<u>Excavators/loaders/dozers</u>
e. <u>Dust Control</u>	<u>Teamsters</u>	<u>Water Truck/Dump Truck</u>
f. <u>Paving</u>	<u>Operating Engineer</u>	<u>Paving Machines/Rollers</u>
g. <u>Equip. Transport</u>	<u>Teamsters</u>	<u>Lowbed</u>
h. _____	_____	_____
i. _____	_____	_____
j. _____	_____	_____
k. _____	_____	_____
l. _____	_____	_____
m. _____	_____	_____

* Designate Type of Work, i.e. Earthwork, Concrete Work, Electrical Work, Mechanical Work, Pump Work, Plant Work, Tank Work, Fencing, Painting, Piping

8. **Certification of Bidder's Work Site Inspection**

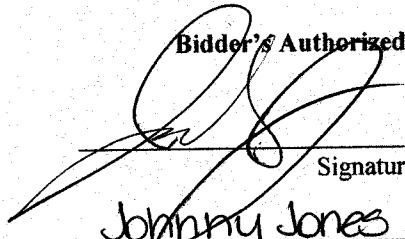
I certify that I have visited and inspected the work sites on the following dates:

<u>Site</u>	<u>Date Visited</u>
Thermal Water and Sewer Improvements	06.15.10 / 08.19.10

I also certify that I am familiar with local conditions which may affect the performance of the work and propose to perform the work generally as follows:

To complete the work in accordance with the plans
and contract documents

Bidder's Authorized Representative



Signature

Johnny Jones

Name (Print)

President

Title (Print)

9. Statement on Bonds and Insurance

a. Names and addresses of all members of partnership or names and titles of all corporate officers:

Johnny Jones, President
Michael Jones, Vice-President / Secretary
Marc Jones, Vice-President / Treasurer
Eric Jones, Vice-President

b. The Bidder declares that the surety or sureties named below have agreed to furnish bonds in the aggregate amounts set forth in the Instructions to Bidders, in the event the Contract is awarded on the basis of this proposal.

Name(s) and address(es) of surety or sureties agreeing to furnish bond

Safeco Insurance Company of America
7800 S. Elati St., Ste 100
Littleton, CO 80120
303.225.8030

c. The Bidder declares that the insurers named below have reviewed the insurance requirements set forth in the Contract Appendix (Section 8. Insurance) and have agreed to furnish all insurance specified.

Name(s) and address(es) of insurers agreeing to insurance coverage

Desert Empire Insurance Services, Inc
77-564 Country Club Dr., Ste 401
Palm Desert, Ca 92211
760.360.4700

10. Certification of Bidding Documents

The Bidder hereby declares and certifies under penalty of perjury that the foregoing statements and all of Bidder's Proposal and Supporting Documents herewith submitted are accurate and correct.

BIDDER J & J Brothers Construction Company, Inc

Name: DBA: Jones Bros Construction Co.

Address: PO Box 905/85989 Avenue 52
Coachella, Ca 92236

Telephone 760-347-2891

By: [Signature]
(Authorized Representative, Written Signature)

Johnny Jones
(Authorized Representative, Typed or Printed Name)

Title: President
[Individual, Partner, Corporate Officer (Title)]

Federal Tax Identification Number or Social Security Number: 95-3541949

Corporation organized
under the laws of the
State of: Calif.

CALIFORNIA CONTRACTOR'S LICENSE:

Class A

(Class A or Class C34 is required)

Number 406921

Expiration Date 06.30.11

(Corporate Seal)

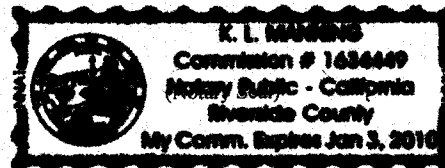
NOTARY

STATE OF California)
COUNTY OF Riverside)

On August 31, 20 10, before me, K.L. Manning, Notary Public, personally appeared Johnny Jones, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she~~ they executed the same in his/~~her~~ their authorized capacity(ies), and that by his/~~her~~ their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.
[Signature]
Signature of Notary



NOTE: If Notary elects to attach an acknowledgment form, Notary shall use the Notary Acknowledgment form attached at the end of this section (Bidding Documents), or, alternatively, Notary may use a California All-Purpose Acknowledgment form, provided Notary completes the entire form, both the required and optional portions.

11. Non-Collusion Affidavit

Bidder's authorized representative Johnny Jones
(Affiant), being first duly sworn, deposes and says that he/she is President (Title) of J.J. Brothers Construction Co., Inc (Bidder), the party making the foregoing bid; that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the Bidder has not directly or indirectly induced or solicited any other Bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any Bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the Bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the Bidder or any other Bidder, or to fix any overhead, profit or cost element of the bid price, or of that of any other Bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the Bidder has not directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

BIDDER

Name: J.J. Brothers Construction Company, Inc
DBA: Jones Bros Construction Co.

By: _____
(Authorized Representative, Written Signature)

Johnny Jones
(Authorized Representative, Typed or Printed Name)

Title: President
[Individual, Partner, Corporate Officer (Title)]

NOTARY

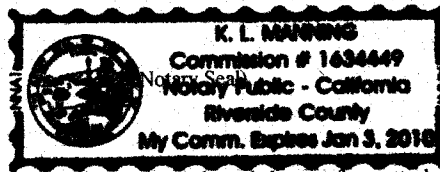
STATE OF California
COUNTY OF Riverside

On August 31, 2010, before me, K.L. Manning, Notary Public, personally appeared Johnny Jones, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

K.L. Manning
Signature of Notary



NOTE: If Notary elects to attach an acknowledgment form, Notary shall use the Notary Acknowledgment form attached at the end of this section (Bidding Documents), or, alternatively, Notary may use a California All-Purpose Acknowledgment form, provided Notary completes the entire form, both the required and optional portions.