

FORM A: APPLICANT QUESTIONNAIRE

- 01 CHECK ONE: New Sewer Connection Existing Sewer Connection
- 02 Applicant _____
 (Legal Company Name)
- 03 Check one and fill in appropriate information
 Corporation Name _____
 Year Incorporated _____ State of Incorporation _____ ID# _____
 Partnership Name _____ Partners _____
 Sole Proprietor Name _____ Business Name _____
- 04 Situs Address _____
 (Street) (City) (State) (Zip)
- 05 Mailing Address _____
 (Street) (City) (State) (Zip)
- 06 Point of Discharge _____
- 07 Number of years applicant has been in business at present location _____
 (yrs) (months)
- 08 Name of Property Owner _____
 Address of Property Owner _____
 (Street) (City) (Zip) (Telephone Number)
- 09 Assessors Map Book No. Page No. Parcel No.
- 10 Type of Industry _____
 (General Description) (Federal SIC No.)
- 11 Number of Employees (Full Time) _____ (Part Time) _____

EMPLOYEE INFORMATION				PRODUCTION										
	OFFICE			Day Shift		Swing Shift		Swing Shift		Part-time & Delivery				
	No.	Hours		No.	Hours	No.	Hours	No.	Hours	No.	Hours			
Weekdays			to											
Saturday			to											
Sunday			to											
Delivery personnel:														
Describe any seasonal operations:														

- 12 Raw Materials Used _____
 (General Description – Add Additional Sheets as Needed)

 (Daily Amount Used)
- 13 Products Produced _____
 (General Description – Add Additional Sheets as Needed)

 (Daily Amount Produced)
- 14 Wastewater Producing Operations _____
 (Full Description – Add Additional Sheets as Needed)
- 15 Time of Discharge _____ AM PM _____ AM PM , Shifts per day _____ Days per Week F Sa Su
- 16 *Wastewater Flow Rate _____ Gallons per Day _____ Gallons per Minute
 (Average) (Peak)
- 17 **Constituents of Wastewater Discharge _____
 (General Description – Attach Chemical Analysis Results to the Application)

* Indicate flow characteristics for various waste streams, such as bottle rinsing, flavor changes, etc.

** Indicate waste constituents for various waste streams, such as bottle rinsing, flavor changes, etc. Refer to Attachment 1.

FORM A: APPLICANT QUESTIONNAIRE (Continued)

18 Person in company responsible for industrial wastewater discharge

_____ (Name) _____ (Position) _____ (Telephone Number)

I affirm that all information furnished is true and correct and that the applicant has read, understands, and agrees to the General Provisions and Indemnification Agreement (Form B), included herein.

Date _____, 20 _____

19 Signature for Applicant _____
(Company Administrative Official) (Name)

20 Approved/Reviewed by City Official

Date _____

City of Dunsmuir

Name _____

Position _____

GENERAL PROVISIONS

APPLICANT FOR PERMIT MUST READ THIS MATERIAL. IN CONSIDERATION OF THE CITY OF DUNSMUIR'S REVIEW AND CONSIDERATION OF THE APPLICATION AND, IF GRANTED, THIS PERMIT, the applicant agrees:

1. To furnish any additional information on industrial wastewater discharges as required by the City of Dunsmuir,
2. To accept and abide by all provisions of ordinances, policies and guidelines of the City,
3. To operate and maintain any required industrial wastewater treatment devices in a satisfactory approved manner,
4. To cooperate at all times with City's personnel, or their representatives, in the inspection, sampling and study of industrial wastewater facilities and discharges,
5. To immediately notify the City in the event of any accident, negligence or other occurrence that causes the discharge to the sewer of any material whose nature and quantity might be reasonably judged to constitute a hazard to the public health, environment, City's personnel or wastewater treatment facilities,
6. To pay to the City annually the required surcharge or user charge fee for industrial wastewater treatment,
7. To submit, as required by the City, accurate data on industrial wastewater discharge flows and wastewater constituents,
8. To operate only one industrial wastewater discharge point to the sewerage system under the authority granted by this permit,
9. To submit additional pages as required for furnish the necessary information if there is inadequate room on the reverse side of this permit form to complete submittal of requested data,
10. To apply for a revised City Industrial Wastewater Discharge Permit if any change in industrial processes, production, method of wastewater treatment or operations creates a significant change in industrial wastewater quality, or if the quantity of wastewater discharged changes by more than 25% or other threshold level as specified in industrial waste permit requirements,
11. To provide immediate access to authorized personnel of the City to any facility directly or indirectly connected to the City sewerage system under emergency conditions and at all other reasonable times,
12. To acknowledge the City's obligations to comply with its NPDES Waste Discharge Permit administered by the California Regional Water Quality Control Board. As such, the applicant acknowledges that the proposed discharge could release constituents that are not currently regulated in the City's NPDES permit because they have not historically been present. Should the proposed discharge introduce constituents that require the City to alter its treatment approach and/or invest in infrastructure or labor to accommodate said constituent(s), the applicant agrees to pay the City all costs to do so. The City reserves the right to cease discharge from the applicant should the applicant refuse to comply with this provision.

FORM B: SUPPORTING INFORMATION AND INDEMNIFICATION

1. Supporting Information Required

All submittals **must** include the following forms:

- Form A – Applicant Questionnaire
- Form B – Supporting Information and Indemnification
- Form C – Tank Schedule and Spill Containment Calculations
- Form D – Check List

Furthermore, your company must answer the questions below to determine the additional supporting information that must be provided.

A. Waste Minimization

Please describe below or in an attachment all of your company’s existing/proposed pollution prevention measures (e.g., reuse, product reformulation, process changes, housekeeping measures, etc.):

B. Wastewater Quality

Please provide the results of at least two 24-hour composite analyses attesting to concentrations of chemical oxygen demand, suspended solids and any priority or regulated pollutants that may be found in your wastewater. Your company must also provide material safety data sheets of all chemicals used in the facility that may directly or indirectly contaminate your wastewater.

C. New Equipment

Is your company installing new pretreatment, monitoring, conveyance, or industrial equipment that may have an impact on the quality or quantity of your wastewater? Yes No

If yes, please provide catalog cuts of all units and important details such as: number of units, sizes, hours of operation, pump rating curves, operating parameters, etc.

D. Rainwater Management

Are there any outdoor drains, trenches, or sumps at your facility that are connected to the sewerage system? Yes No

If yes, your company must submit plans and information that describe the existing means to divert rainwater from the sewerage system or a proposal to comply with the Districts’ rainwater guidelines. Please be informed that new automatic rainwater diversion systems will not be approved unless the applicant proves that this is the only feasible alternative.

INDEMNIFICATION AGREEMENT (PROPERTY OWNER & APPLICANT)

1. Applicant and legal owner of the property hereby agree to defend, indemnify and hold harmless the City and its agents, officers, attorneys and employees from any claim, action, or proceeding (collectively referred to as “proceeding”) brought against the City or its agents, officers, attorneys or employees to attack, set aside, void, or annul the approval of this application or adoption of certifications under the California Environmental Quality Act (“CEQA”). The City may require a deposit of funds to cover estimated expenses of the litigation and this indemnification shall include, but is not limited to, damages, fees and/or costs awarded against the City, if any, and any costs of suit, attorney’s fees or other costs, liabilities and expenses incurred in connection with such proceeding,

FORM B: SUPPORTING INFORMATION AND INDEMNIFICATION (Cont)

2. whether incurred by the applicant, the City, and/or the parties initiating or bringing such proceeding.
3. The Property Owner and Applicant and/or real party in interest agree to defend, indemnify and hold harmless the City, its agents, officers, employees and attorneys for all cost incurred in additional investigation or study of, or for supplementing, redrafting, revising, or amending any document (such as an environmental impact report or negative declaration) made necessary by said proceeding.
4. Property Owner and Applicant and/or real party in interest agree that the City shall have the right to appoint its own counsel to defend it and conduct its own defense in the manner it deems in its best interest, and that such actions shall not relieve or limit Property Owner's or Applicant's and/or real party in interest's obligations to indemnify and reimburse defense costs.
5. The Property Owner and Applicant and/or real party in interest agree to indemnify the City for all of the City's costs, fees, and damages incurred in enforcing the indemnification provisions of this Agreement.
6. The defense and indemnification of the City set forth herein shall remain in full force and effect throughout all stages of litigation including appeals of any lower court judgments rendered in the proceeding.

Property Owner Signature

Date

Applicant Signature

Date

FORM C: TANK SCHEDULE & SPILL CONTAINMENT CALCULATIONS (Cont)

2. Spill Containment Calculations (make additional copies if necessary)

Answer the following questions:

Check One

- a) If this is your company's first permit submittal to the City, do you store hazardous or restricted materials? YES NO
- b) Does your company currently have tanks/equipment with hazardous or restricted solutions that lack adequate spill containment? YES NO
- c) Is your company proposing any additions/modifications of tanks or equipment that will need spill containment? YES NO

If the answer to any of the questions above is "YES," your company must submit plans that describe and propose an adequate spill containment system and must complete the calculations below:

1. Containment Volume Required:

The required containment volume is equal to the capacity of the largest tank containing a solution that requires containment plus the volume of six inches of rain over the containment area (if the area is not roofed).

(1) = Volume of largest tank (assumed to spill) + volume of 6 inches of rain over contain area (if area is outdoors)

(1) = _____ + _____

(1) = _____ (specify units)

2. Containment Volume Provided

The containment provided is equal to the volume of the dike, berm, sump, or other containment structure minus the volume displaced by tanks, pads, and other equipment within the containment area.

(2) = Volume of containment dike – volume displaced by tanks and other equipment

(2) = _____ + _____

(2) = _____ (specify units)

Subtract (1) from (2)

(2) - (1) = _____ (must be greater than zero to satisfy spill containment requirements)

Note: All drains, sumps, and associated plumbing within spill containment areas must be clearly shown on submitted drawings.

FORM D: CHECK LIST FOR AN INDUSTRIAL WASTE DISCHARGE PERMIT SUBMITTAL

COMPANY NAME: _____

- 1. Permit Application Form.....
- 2. Plans (Minimum size 11" x 17"; maximum size 30" x 42").....
 - a. Required Plans:
 - Sewerage Plan (location of equipment, process tanks, and sewer lines)
 - Plot Plan (location of facility, sampling point, and connection to the public sewer)
 - Plans of Pretreatment Facilities
 - b. Additional Plans:
 - Spill Containment System.....
 - Flow Monitoring System.....
 - Rainwater Management.....
 - Combustible Gas Monitoring System.....
- 3. Supporting Information:
 - Applicant's Questionnaire (Form A)
 - Initial General Provisions Page
 - Supporting Information and Indemnification (Form B).....
 - Tank Schedule and Spill Containment Calculations (Form C)
 - Checklist (Form D).....
 - Process Description
 - Waste Minimization Plan.....
 - Material Safety Data Sheets
 - Wastewater Analyses
 - Catalog Cuts of Pretreatment Equipment
 - Notification Report of the Discharge of Hazardous Wastes (if applicable)

ATTACHMENT NO. 1
WASTEWATER CONSTITUENTS

The following constituents (as requested in Form A, Item 17) are considered minimum for an industrial wastewater permit application. The Applicant shall provide test results prepared by a certified laboratory. The City may request additional testing for constituents not shown on this list.

General Chemistry

pH
Alkalinity
Hardness
Ammonia
TKN
Nitrate
Turbidity
Cyanide
Oil & Grease
Conductivity
BOD
TSS
TDS
COD
Fluoride
Chloride
Sulfate
MBAS
Dissolved Oxygen
Total Phosphate
Ortho Phosphate
Total Organic Carbon

Metals

Aluminum
Arsenic
Cadmium
Copper
Chromium, Trivalent
Mercury, Total
Mercury, Total Low Level
Mercury, Methyl

Other

VOCs
TPH – Gas
TPH – Diesel/Motor Oil

NOTE: This publication is meant to be an aid to the staff of the State Board's Division of Drinking Water and cannot be relied upon by the regulated community as the State of California's representation of the law. The published codes are the only official representation of the law. Refer to the published codes—in this case, 17 CCR and 22 CCR—whenever specific citations are required. Statutes related to the State Board's drinking water-related activities are in the Health & Safety Code, the Water Code, and other codes.

January 28, 1978 for Double Check Valve Type Backflow Preventive Devices which is herein incorporated by reference.

(c) Reduced Pressure Principle Backflow Prevention Device. A required reduced pressure principle backflow prevention device (RP) shall, as a minimum, conform to the AWWA Standard C506-78 (R83) adopted on January 28, 1978 for Reduced Pressure Principle Type Backflow Prevention Devices which is herein incorporated by reference.

§7603. Location of backflow preventers.

(a) Air-gap Separation. An air-gap separation shall be located as close as practical to the user's connection and all piping between the user's connection and the receiving tank shall be entirely visible unless otherwise approved in writing by the water supplier and the health agency.

(b) Double Check Valve Assembly. A double check valve assembly shall be located as close as practical to the user's connection and shall be installed above grade, if possible, and in a manner where it is readily accessible for testing and maintenance.

(c) Reduced Pressure Principle Backflow Prevention Device. A reduced pressure principle backflow prevention device shall be located as close as practical to the user's connection and shall be installed a minimum of twelve inches (12") above grade and not more than thirty-six inches (36") above grade measured from the bottom of the device and with a minimum of twelve inches (12") side clearance.

§7604. Type of protection required.

The type of protection that shall be provided to prevent backflow into the public water supply shall be commensurate with the degree of hazard that exists on the consumer's premises. The type of protective device that may be required (listed in an increasing level of protection) includes: Double check Valve Assembly-(DC), Reduced Pressure Principle Backflow Prevention Device-(RP) and an Air gap Separation-(AG). The water user may choose a higher level of protection than required by the water supplier. The minimum types of backflow protection required to protect the public water supply, at the water user's connection to premises with various degrees of hazard, are given in Table 1. Situations not covered in Table 1 shall be evaluated on a case-by-case basis and the appropriate backflow protection shall be determined by the water supplier or health agency.

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**TABLE 1
TYPE OF BACKFLOW PROTECTION REQUIRED**

Degree of Hazard	Minimum Type of Backflow Prevention
(a) Sewage and Hazardous Substances	
(1) Premises where there are waste water pumping and/or treatment plants and there is no interconnection with the potable water system. This does not include a single-family residence that has a sewage lift pump. A RP may be provided in lieu of an AG if approved by the health agency and water supplier.	AG
(2) Premises where hazardous substances are handled in any manner in which the substances may enter the potable water system. This does not include a single-family residence that has a sewage lift pump. A RP may be provided in lieu of an AG if approved by the health agency and water supplier.	AG
(3) Premises where there are irrigation systems into which fertilizers, herbicides, or pesticides are, or can be, injected.	RP
(b) Auxiliary Water Supplies	
(1) Premises where there is an unapproved auxiliary water supply which is interconnected with the public water system. A RP or DC may be provided in lieu of an AG if approved by the health agency and water supplier	AG
(2) Premises where there is an unapproved auxiliary water supply and there are no interconnections with the public water system. A DC may be provided in lieu of a RP if approved by the health agency and water supplier.	RP
(c) Recycled water	
(1) Premises where the public water system is used to supplement the recycled water supply.	AG
(2) Premises where recycled water is used, other than as allowed in paragraph (3), and there is no interconnection with the potable water system.	RP
(3) Residences using recycled water for landscape irrigation as part of an approved dual plumbed use area established pursuant to sections 60313 through 60316 unless the recycled water supplier obtains approval of the local public water supplier, or the State Water Resources Control Board if the water supplier is also the supplier of the recycled water, to utilize an alternative backflow protection plan that includes an annual inspection and annual shutdown test of the recycled water and potable water systems pursuant to subsection 60316(a).	DC

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(d) Fire Protection Systems

(1) Premises where the fire system is directly supplied from the public water system and there is an unapproved auxiliary water supply on or to the premises (not interconnected). DC

(2) Premises where the fire system is supplied from the public water system and interconnected with an unapproved auxiliary water supply. A RP may be provided in lieu of an AG if approved by the health agency and water supplier. AG

(3) Premises where the fire system is supplied from the public water system and where either elevated storage tanks or fire pumps which take suction from private reservoirs or tanks are used. DC

(4) Premises where the fire system is supplied from the public water system and where recycled water is used in a separate piping system within the same building. DC

(e) Dockside Watering Points and Marine Facilities

(1) Pier hydrants for supplying water to vessels for any purpose. RP

(2) Premises where there are marine facilities. RP

(f) Premises where entry is restricted so that inspections for cross-connections cannot be made with sufficient frequency or at sufficiently short notice to assure that do not exist. RP

(g) Premises where there is a repeated history of cross-connections being established or re-established. RP

§7605. Testing and maintenance of backflow preventers.

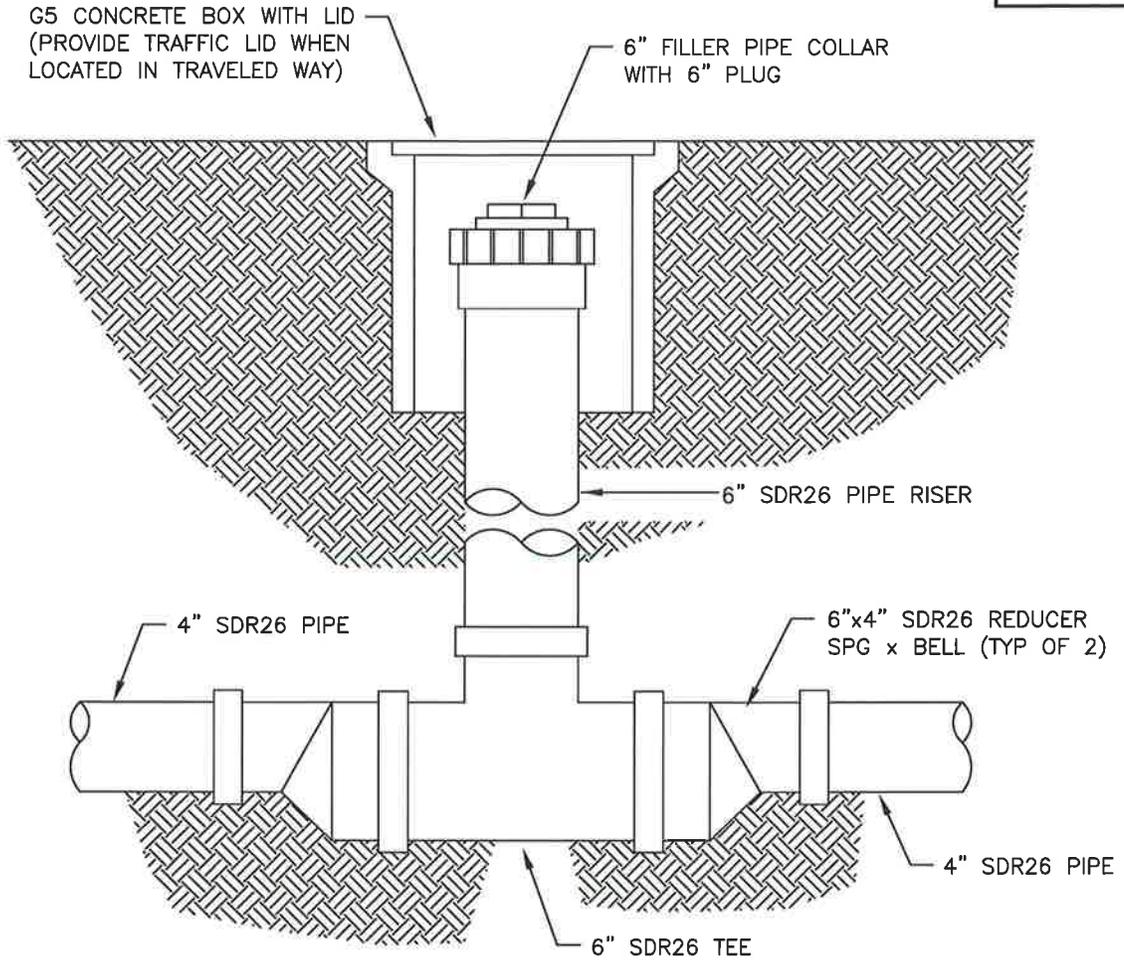
(a) The water supplier shall assure that adequate maintenance and periodic testing are provided by the water user to ensure their proper operation.

(b) Backflow preventers shall be tested by persons who have demonstrated their competency in testing of these devices to the water supplier or health agency.

(c) Backflow preventers shall be tested at least annually or more frequently if determined to be necessary by the health agency or water supplier. When devices are found to be defective, they shall be repaired or replaced in accordance with the provisions of this Chapter.

(d) Backflow preventers shall be tested immediately after they are installed, relocated or repaired and not placed in service unless they are functioning as required.

(e) The water supplier shall notify the water user when testing of backflow preventers is needed. The notice shall contain the date when the test must be completed.



PARTS LIST

6" SDR26 TEE	1 EA
6"x4" SDR26 REDUCER (SPG x BELL)	2 EA
6" FILLER PIPE COLLAR	1 EA
6" PLUG	1 EA
G5 CONCRETE BOX	1 EA
G5 SEWER LID	1 EA
(IF REQUIRED)	
4" ABS COUPLING	1 EA
4" ABS x SDR BUSHING	1 EA

NOTE:

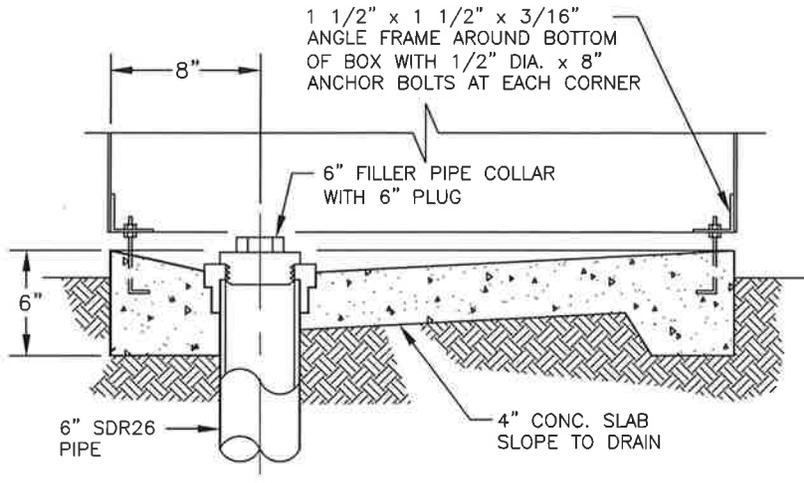
1. MONITOR STATION MUST BE INSTALLED LEVEL.

DWG DATE: 7/92 SCALE: NTS CITY OF REDDING • PUBLIC WORKS DEPARTMENT • ENGINEERING DIVISION

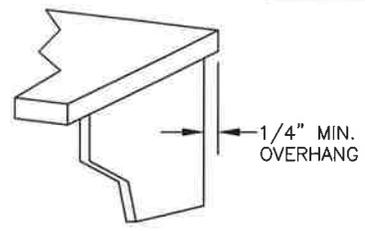
5	7/13	UPDATE
4	4/06	REV. PARTS
MARK	DATE	REVISION

APPROVED BY
[Signature] 10/9/13
CITY ENGINEER

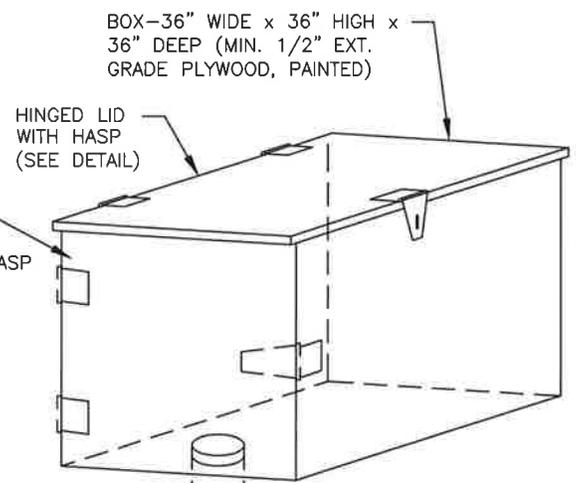
**INTERCEPTOR
MONITOR STATION**



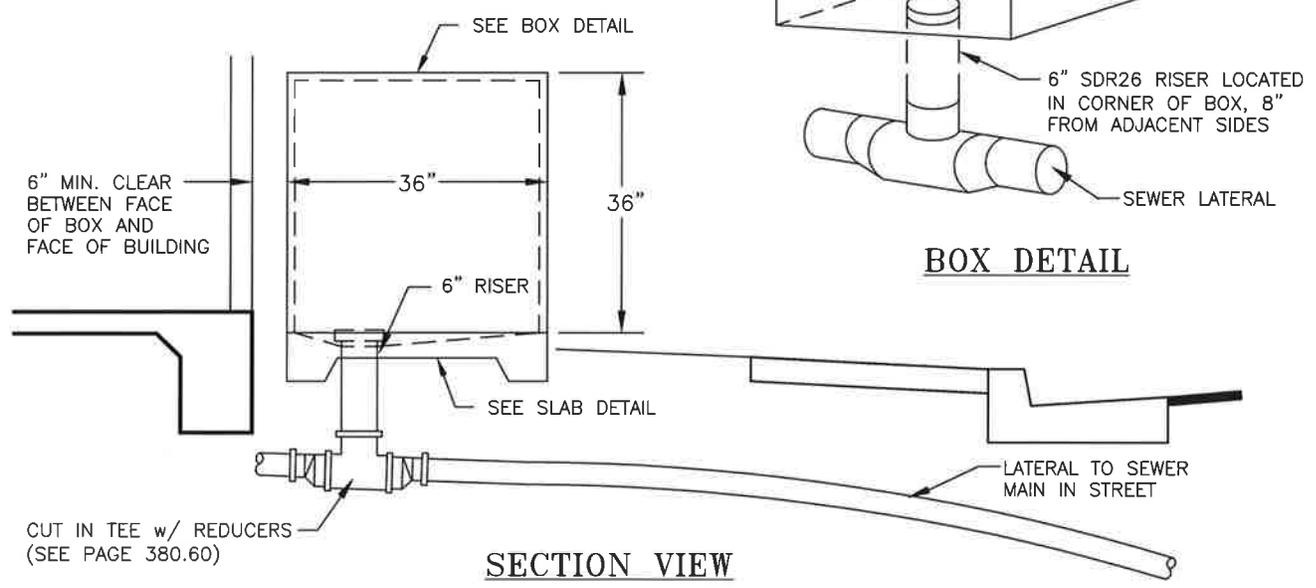
SLAB DETAIL



LID DETAIL



BOX DETAIL

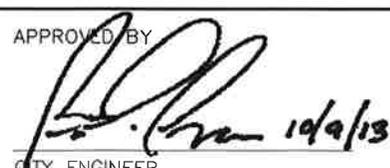


SECTION VIEW

NOTE:

1. BOX LOCATED ON PRIVATE PROPERTY SHALL BE IN AN AREA THAT ALLOWS 24 HR. ACCESS BY CITY OF REDDING PERSONNEL

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DWG DATE: 3/88		SCALE: NTS	CITY OF REDDING • PUBLIC WORKS DEPARTMENT • ENGINEERING DIVISION	
4	7/13	UPDATE	APPROVED BY  CITY ENGINEER	
3	4/06	REV. PARTS		
MARK	DATE	REVISION		
			ABOVE GRADE WASTEWATER MONITORING STATION	