

## **BONDS**

PERFORMANCE BOND

We, \_\_\_\_\_, as Principal or Owner and \_\_\_\_\_, as Surety, jointly and severally, bind ourselves, our heirs, representatives, successors and assigns, as set forth herein, to the

LAMONT PUBLIC UTILITY DISTRICT

(herein called District) for payment of the penal sum of \_\_\_\_\_ Dollars (\$ \_\_\_\_\_), lawful money of the United States. Owner has awarded Principal a contract for the construction of

THE CONDITION OF THIS OBLIGATION IS SUCH, that if the Principal shall in all things abide by and well and truly keep and perform the covenants, and agreements in the said contract, and any alteration thereof made as therein provided, on his part to be kept and performed at the time and in the manner therein specified, and shall indemnify and save harmless the District, the District's Engineer and their consultants, and each of their directors, officers, employees, and agents, as therein stipulated, this obligation shall become null and void, otherwise, it shall be and remain in full force and effect.

Surety agrees that no change, extension of time, alteration, or addition to the terms of the contract, or the work to be performed thereunder, or the plans and specifications shall in any way affect its obligation on this bond, and it does hereby waive notice thereof.

This obligation shall remain in full force and effect for a period of one year commencing on the date of Final Acceptance by the District of the improvements described in the Contract between the Owner and the District.

Owner and Surety agree that if the District is required to engage the services of an attorney in connection with the enforcement of this bond, each shall pay District's reasonable attorney's fees incurred, with or without suit, in addition to the above sum.

Principal and Surety agree that if the District is required to engage the services of an attorney in connection with the enforcement of this bond, each shall pay District's reasonable attorney's fees incurred, with or without suit, in addition to the above sum.

Executed in four original counterparts on \_\_\_\_\_, 19\_\_.

\_\_\_\_\_  
OWNER  
(Seal if Corporation)

By \_\_\_\_\_  
Title \_\_\_\_\_

(Attached Acknowledgement of Authorized Representative of Principal)

Any claims under this bond may be addressed to:

(name and address of Surety)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(name and address of Surety's agent  
agent for services of process in  
California, if different from above)

(telephone number of Surety's agent  
in California)

\_\_\_\_\_  
SURETY

By \_\_\_\_\_  
(Attorney-in-Fact)  
(Attach Acknowledgement)

APPROVED:

\_\_\_\_\_  
(Attorney for District)

NOTICE:

No substitution or revision to this bond form will be accepted. Sureties must be authorized to do business in and have an agent for services of process in California. Certified copy of Power of Attorney must be attached.

PAYMENT BOND

We, \_\_\_\_\_, as Principal or Owner, and \_\_\_\_\_, as Surety, jointly and severally, bind ourselves, our heirs, representatives, successors and assigns, as set forth herein, to the

LAMONT PUBLIC UTILITY DISTRICT

(herein called District) for payment of the penal sum of \_\_\_\_\_ Dollars (\$ \_\_\_\_\_), lawful money of the United States. District has awarded Principal a contract for the construction of

If Owner or any of his contractors or subcontractors fails to pay any of the persons named in Section 3181 of the California Civil Code, or amounts due under the Unemployment Insurance Code with respect to work or labor performed under the contract or for any amounts required to be deducted, withheld, and paid over to the Employment Development Department from the wages of employees of the Owner or any of his contractors and subcontractors pursuant to Section 13020 of the Unemployment Insurance code, with respect to such work and labor, then Surety will pay the same in an amount not exceeding the sum specified above, and also will pay, in case suit is brought upon this bond, such reasonable attorney's fees as shall be fixed by the court.

This bond shall insure to the benefit of any of the persons named in Section 3181 of the California Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

Surety agrees that no change, extension of time, alteration, or addition to the terms of the contract, or the work to be performed thereunder, or the plans and specifications shall in any wise affect its obligation on this bond, and it does hereby waive notice thereof.

This obligation shall remain in full force and effect for a period of one year commencing on the date of Final Acceptance by the District of the improvements described in the Contract between the Owner and the District.

Owner and Surety agree that should District become a party of any action of this bond that each will also pay District's reasonable attorney's fees incurred therein in addition to the sum above set forth.

Executed in four original counterparts on \_\_\_\_\_, 19\_\_.

OWNER

(Seal if Corporation)

By \_\_\_\_\_  
Title \_\_\_\_\_

(Attached Acknowledgement of Authorized Representative of Principal)

Any claims under this bond may be addressed to:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(name and address of Surety)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(name and address of Surety's agent  
agent for services of process in  
California, if different from above)

\_\_\_\_\_

(telephone number of Surety's agent  
in California)

\_\_\_\_\_  
SURETY

By \_\_\_\_\_  
(Attorney-in-Fact)  
(Attach Acknowledgement)

APPROVED:

\_\_\_\_\_  
(Attorney for DISTRICT)

NOTICE:

No substitution or revision to this bond form will be accepted. Sureties must be authorized to do business in and have an agent for services of process in California. Certified copy of Power of Attorney must be attached.

GUARANTEE BOND

We, \_\_\_\_\_, as Owner, and \_\_\_\_\_, as Surety, jointly and severally, bind ourselves, our heirs, representatives, successors and assigns, as set forth herein, to the

LAMONT PUBLIC UTILITY DISTRICT

(herein called District) for payment of the penal sum of \_\_\_\_\_ dollars (\$ \_\_\_\_\_), lawful money of the United States. The Owner's contract is for the construction of

MUNICIPAL IMPROVEMENTS  
DESCRIBED IN CONTRACT NO. \_\_\_\_\_  
DATED \_\_\_\_\_, 19\_\_\_\_\_,  
BETWEEN THE OWNER AND THE DISTRICT

Pursuant to the Contract, Owner is required to provide a bond to District securing Owner's guarantee that it will not be necessary for District to make any repairs to Owner's work under said Contract which may be caused by defective workmanship or materials furnished by Owner for a period of \_\_\_\_\_ ( ) years from the date of acceptance thereof by District;

THE CONDITION OF THIS OBLIGATION IS SUCH, that if the Owner, his or its heirs, executors, administrators, successors and assigns, shall faithfully fulfill the \_\_\_\_-year guarantee of all materials and workmanship furnished by Owner as set forth in the Contract, then this obligation shall become null and void; otherwise it shall be and remain in full force and effect. In the event legal action is required to enforce the provisions of this bond, the prevailing party shall be entitled to recover reasonable attorney's fees in addition to court costs, necessary disbursement and damages.

The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition of the terms of the Contract or the work to be performed thereunder or the specifications accompanying same shall in any way affect its obligations on this bond, and does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract, or to the work or to the Specifications.

The rate of premium on this bond is \$ \_\_\_\_\_ per thousand. The total amount of premium charged is \$ \_\_\_\_\_.

(The above must be filled in by the Surety.)

Executed in four original counterparts on \_\_\_\_\_, 19\_\_.

(Seal if Corporation)

\_\_\_\_\_  
OWNER  
By \_\_\_\_\_  
Title \_\_\_\_\_

(Attached Acknowledgement of Authorized Representative to Owner)

Any claims under this bond may be addressed to:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ (name and address of Surety)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ (name and address of Surety's agent  
agent for services of process in  
California, if different from above)

\_\_\_\_\_ (Telephone number of Surety's agent  
in California)

\_\_\_\_\_  
SURETY

By \_\_\_\_\_  
(Attorney-in-Fact)  
(Attach Acknowledgement)

**NOTICE:**

No substitution or revision to this bond form will be accepted. Sureties must be authorized to do business in and have an agent for services of process in California. Certified copy of Power of Attorney must be attached.

## **INSURANCE CERTIFICATES**



**CONTRACTOR'S CERTIFICATE  
REGARDING WORKER'S COMPENSATION**

Description of Contract:

Labor Code Section 3700:

"Every employer except the State and all political subdivisions or institutions thereof, shall secure the payment of compensaiton in one or more of the following ways:

(a) By being insured against liability to pay compensaiton in one or more insurers duly authorized to write compensation insurance in this State.

(b) By securing from the Director of Industrial Relations a certifice of consent to self-insure, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensaiton that may become due to his employees."

I am aware of th provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for worker's compensation or to undertake self-insurance in acrodance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract.

Dated: \_\_\_\_\_, 19\_\_\_\_

\_\_\_\_\_  
(Contractor)

By \_\_\_\_\_

\_\_\_\_\_  
(Official Title)

(SEAL)

(Labor Code Section 1861 provides that the above certificate must be signed and filed by the Contractor with the District prior to performing any work under this contract.)

CERTIFICATE OF INSURANCE

Description of Contract:

Type of Insurance:

Worker's Compensation Insurance

THIS IS TO CERTIFY that the following policy has been issued by the below-stated company in conformance with the requirements of Sections 7-1 and 7-2 of the General Conditions of the Lamont Public Utility District Specifications and is in force at this time.

The Company will give at least 30 days' written notice by certified mail to the District prior to any material change or cancellation of said policy.

POLICY NUMBER

EXPIRATION DATE

LIMITS OF LIABILITY

Statutory Limits Under the Laws of the State of California

Named Insured (Contractor)

Insurance Company

Street Number

Street Number

City and State

City and State

State of

)

By

(Company Representative)

)ss.

County of

)

(SEE NOTICE ON PAGE 2)

On this \_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came \_\_\_\_\_ to me knowk or proved to me on th basis of satisfactory evidence, who being duly sworn, did depose and say: that \_\_\_\_\_ is an authorized representative of the \_\_\_\_\_ and acknowledged to me that \_\_\_\_\_ executed the within instrument on behalf of said insurance company.

In witness whereof, I have signed and affixed my official seal on the date in this certificate first above written.

\_\_\_\_\_  
NOTARY PUBLIC

Insurance Company Agent for Service  
of Process in California:

\_\_\_\_\_  
Name

\_\_\_\_\_  
Agency

\_\_\_\_\_  
Street Number

\_\_\_\_\_  
Street Number

\_\_\_\_\_  
City and State

\_\_\_\_\_  
City and State

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Telephone Number

This certificate or verification of insurance is not an insurance policy and does not amend, extend, or alter the coverage afforded by the policies listed herein. Notwithstanding any requirement, term, or condition of any contract or other document with respect to which this certificate or verification of insurance may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions, and conditions of such policies.

**NOTICE:**

No substitution or revision to the above certificate form will be accepted. If the insurance called for is provided by more than one insurance company, a separate certificate in the exact above form shall be provided for each insurance company.

INSURANCE ENDORSEMENT

Description of Contract:

Type of Insurance:

Worker's Compensation Insurance

This endorsement forms a part of Policy No. \_\_\_\_\_.

ENDORSEMENT

It is agreed that with respect to such insurance as is affordable by the policy, the Company waives any right of subrogation it may acquire against the District, the District's Engineer, and their consultants, and each of their directors, officers, agents, and employees by reason of any payment made on account of injury, including death resulting therefrom, sustained by any employee of the insured, arising out of the performance of the above-referenced contract.

This endorsement does not increase the Company's total limits of liability.

_____	_____
Named Insured (Contractor)	Insurance Company
_____	_____
Street Number	Street Number
_____	_____
City and State	City and State

By \_\_\_\_\_  
(Company Representative)  
(SEE NOTICE ON PAGE 2)

State of )  
 )ss.  
County of )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came \_\_\_\_\_ to me known, who being duly representative of the \_\_\_\_\_ and acknowledged to me that \_\_\_\_\_ executed the within instrument on behalf of said insurance company.

In witness whereof, I have signed and affixed my official seal on the date in this certificate first above written.

\_\_\_\_\_  
NOTARY PUBLIC

**NOTICE:**

No substitution or revision to the above endorsement form will be accepted. If the insurance called for is provided by more than one policy, a separate endorsement in the exact above form shall be provided for each policy.

**CERTIFICATE OF INSURANCE**

Description of Contract:

Type of Insurance: Liability Insurance

THIS IS TO CERTIFY that the following policies have been issued by the below-stated company in conformance with the requirements of Sections 7-1 and 7-3 of the General Conditions of the Lamont Public Utility District Specifications and are in force at this time:

POLICY NUMBER	EXPIRATION DATE	LIMITS OF LIABILITY	
		Each Occurrence	Aggregate
<b>A. GENERAL LIABILITY</b>			
Bodily Injury		\$	\$
Property Damage		\$	\$
Bodily Injury and Property Damage Combined		\$	\$
Personal Injury		\$	\$
<b>B. AUTOMOBILE LIABILITY</b>			
Bodily Injury (Each Person)		\$	\$
Bodily Injury (Each Occurrence)		\$	\$
Bodily Injury and Property Damage Combined		\$	\$
<b>C. EXCESS LIABILITY</b>			
Bodily Injury and Property Damage Combined		\$	\$

The following types of coverage are included in said policies (indicate by "X" in space):

**A. GENERAL LIABILITY**

- Comprehensive Form.....YES\_\_NO\_\_
- Premises-Operations .....YES\_\_NO\_\_
- Explosion and Collaps Hazard.....YES\_\_NO\_\_
- Underground Hazard.....YES\_\_NO\_\_
- Products/Completed Operations Hazard.....YES\_\_NO\_\_
- Contractual Insurance .....YES\_\_NO\_\_
- Broad form Property Damage Including Completed Operations .....YES\_\_NO\_\_
- Independent Contractors .....YES\_\_NO\_\_
- Personal Injury .....YES\_\_NO\_\_

**B. AUTOMOBILE LIABILITY**

- Comprehensive Form Including Loading and Unloading.....YES\_\_NO\_\_
- Owned.....YES\_\_NO\_\_
- Hired .....YES\_\_NO\_\_
- Non-Owned.....YES\_\_NO\_\_

**C. EXCESS LIABILITY**

- Umbrella Form.....YES\_\_NO\_\_
- Other Than Umbrella Form .....YES\_\_NO\_\_

This certificate or verification of insurance is not an insurance policy and does not amend, extend, or alter the coverage afforded by the policies listed herein. Notwithstanding any requirement, term, or condition of any contract or other document with respect to which this certificate or verification of insurance may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions, and conditions of such policies.

The Company will give at least 30 days' written notice by certified mail to the District prior to any material change of cancellation of said policies.

\_\_\_\_\_  
Named Insured (Contractor)

\_\_\_\_\_  
Insurance Company

\_\_\_\_\_  
Street Number

\_\_\_\_\_  
Street Number

\_\_\_\_\_  
City and State

\_\_\_\_\_  
City and State

By \_\_\_\_\_  
(Company Representative)

(SEE NOTICE ON PAGE 4)

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss.  
\_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came \_\_\_\_\_ to me known, who being duly sworn, did depose and say: that \_\_\_\_\_ is an authorized representative of the \_\_\_\_\_ and acknowledged to me that \_\_\_\_\_ executed the within instrument of behalf of said insurance company.

In witness whereof, I have signed and affixed my official seal on the date in this certificate first above written.

\_\_\_\_\_  
NOTARY PUBLIC



**Insurance Company Agent for Service  
of Process in California:**

_____ Name	_____ Agency
_____ Street Number	_____ Street Number
_____ City and State	_____ City and State
_____ Telephone Number	_____ Telephone Number

**NOTICE:**

No substitution or revision to the above certificate form will be accepted. If the insurance called for is provided by more than one insurance company, a separate certificate in the exact above form shall be provided for each insurance company.

Insurers must be authorized to do business and have an agent for service of process in California and have an "A" policyholder's rating and a financial rating of at least Class VIII in accordance with the most current A.M. Best Company rating.

INSURANCE ENDORSEMENT

Description of Contract:

Type of Insurance: Liability Insurance

This endorsement forms a part of Policy No. \_\_\_\_\_.

ENDORSEMENT

The District, the District's Engineer, and their consultants, and each of their directors, officers, agents, and employees are included as additional insureds under said policy but only while acting in their capacity as such and only as respects operations of the named insured, his contractors, any subcontractor, any supplier, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable in the performance of the above-referenced contract. The insurance afforded to these additional insureds is primary insurance. If the additional insureds have other insurance which might be applicable to any loss, the amount of this insurance shall not be reduced or prorated by the existence of such other insurance.

The Contractual Liability Insurance afforded is sufficiently broad to insure all of the matters set forth in the article entitled "Indemnity" in the General Provisions of the above-referenced contract except those matters set forth in the fourth paragraph thereof.

This endorsement does not increase the Company's total limits of liability.

_____	_____
Named Insured (Contractor)	Insurance Company
_____	_____
Street Number	Street Number
_____	_____
City and State	City and State

By \_\_\_\_\_  
(Company Representative)

(SEE NOTICE ON PAGE 2)

State of \_\_\_\_\_ )  
 )ss.  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came \_\_\_\_\_ to me known, who being duly sworn, did depose and say: that \_\_\_\_\_ is an authorized representative of the \_\_\_\_\_ and acknowledged to me that \_\_\_\_\_ executed the within instrument on behalf of said insurance company.

In witness whereof, I have signed and affixed my official seal on the date in this certificate first above written.

\_\_\_\_\_  
NOTARY PUBLIC

**NOTICE:**

No substitution or revision to the above endorsement form will be accepted. If the insurance called for is provided by more than one policy, a separate endorsement in the exact above form shall be provided for each policy.

Insurers must be authorized to do business and have an agent for service of process in California and have an "A" policyholder's rating and a financial rating of at least Class VIII in accordance with the most current A.M. Best Company rating.

## CERTIFICATES

An easement in the following form shall be granted to the District on all lands of Owner where sewer or water lines are installed.

Recording Requested By:  
Lamont Public Utility District (LPUD)

When Recorded, Mail To:

LPUD  
8624 Segrue Road  
Lamont, CA 93241

### GRANT OF EASEMENT

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged \_\_\_\_\_,

hereinafter called "Grantor", hereby grants to:

LAMONT PUBLIC UTILITY DISTRICT,  
a political subdivision of the State of California

hereinafter called "Grantee",

An easement and right-of-way to lay, construct, reconstruct, maintain, operate, repair, renew, change the size of and remove sewer and water pipelines with appurtenant manholes, fittings, structures and other equipment, with the right of ingress to and egress from the same, over, through, under, along and across those certain parcels of land situated in Section \_\_\_\_, Township \_\_\_\_, Range \_\_\_\_, S.B.B.&M. in the County of Kern, State of California, and as shown and described on Exhibits "A" attached hereto.

Grantor and its successors shall not construct, install or maintain any permanent improvement or structure on the easement and right-of-way.

Grantor and its successors further grant to the Grantee the right to trim such trees and other foliage, and to cut such roots on said property as may be necessary for the construction, protection, maintenance, operation, renewal and placement of pipeline or lines necessary to carry water or sewage over, under, across and through said lands.

IN WITNESS WHEREOF, Grantor has executed this Grant of Easement this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

"GRANTOR"

\_\_\_\_\_  
Witness  
Official Seal

"NOTE: Attach Sketch Exhibit A"

CERTIFICATE OF ACCEPTANCE

THIS IS TO CERTIFY that the interest in the real property conveyed by Grant of Easement dated the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, from

\_\_\_\_\_

\_\_\_\_\_ to LAMONT PUBLIC UTILITY DISTRICT, a political subdivision of the State of California, is hereby accepted by order of the Board of Directors on \_\_\_\_\_, 19\_\_\_\_, and the Grantee consents to the recordation thereof by its duly authorized officer.

\_\_\_\_\_  
President of the Board of Directors  
LAMONT PUBLIC UTILITY DISTRICT

ATTEST:

\_\_\_\_\_  
Secretary  
LAMONT PUBLIC UTILITY DISTRICT

(Seal)





GRANTOR does hereby warrant that said real property and improvement facilities are free and clear of any encumbrances, and dedicate, said facilities for public use to be administered and controlled by Grantee and its successors.

DATED: \_\_\_\_\_

Company or Corporate Name

By: \_\_\_\_\_  
President

By: \_\_\_\_\_  
Secretary

(Attach Notarial Jurat)

ACCEPTANCE

This is to certify that the interest in real property and improvement facilities conveyed by the within grant deed to the LAMONT PUBLIC UTILITY DISTRICT, a political subdivision of the State of California is hereby accepted by order of the Board of Directors of the LAMONT PUBLIC UTILITY DISTRICT, on \_\_\_\_\_, 19\_\_\_. The Grantee consents to the recordation thereof by its duly authorized officer.

DATED: \_\_\_\_\_

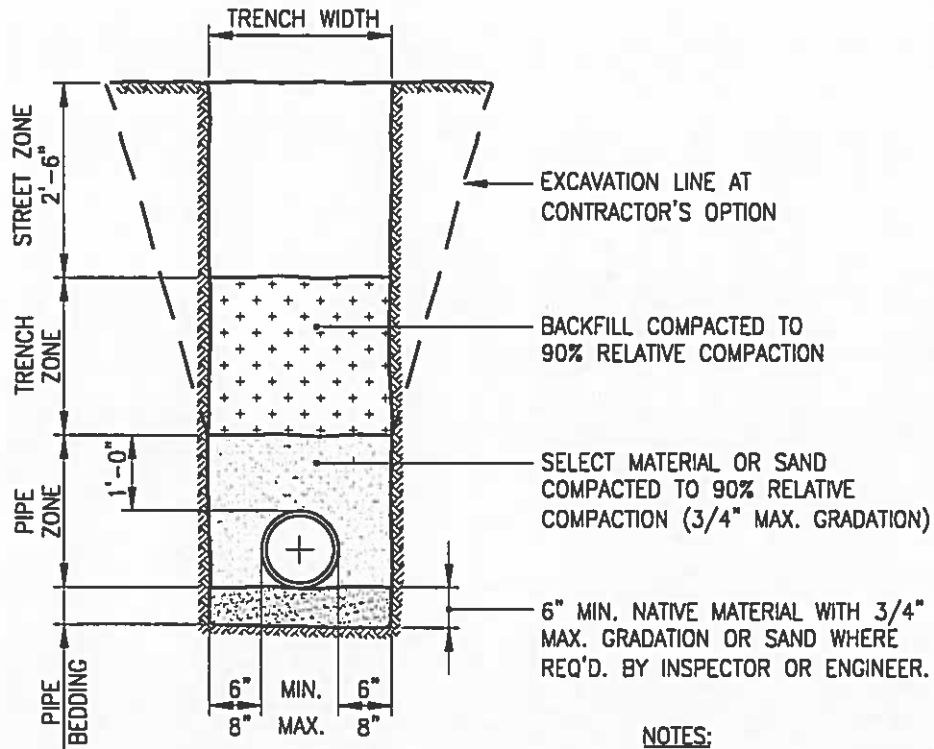
\_\_\_\_\_  
General Manager  
LAMONT PUBLIC UTILITY DISTRICT

(Seal)

## SEWER NOTES

1. THE SEWER FACILITIES TO BE DEDICATED TO THE L.P.U.D. SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE L.P.U.D. STANDARD SPECIFICATIONS.
2. THE L.P.U.D. SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO START OF CONSTRUCTION. TELEPHONE (805) 845-1213.
3. THE CONSTRUCTION PLANS MUST BE APPROVED BY THE L.P.U.D. PRIOR TO THE START OF ANY SEWER CONSTRUCTION. TWO (2) SETS OF APPROVED PLANS SHALL BE FURNISHED TO L.P.U.D. AND ONE (1) SET OF THE SAME TO THE DISTRICT'S ENGINEER. PRIOR TO DISTRICT APPROVAL, THE PLANS MUST BE SIGNED BY A CALIFORNIA REGISTERED CIVIL ENGINEER.
4. PRIOR TO ACCEPTANCE OF THE SEWER FACILITIES, ALL NECESSARY EASEMENT DOCUMENTS SHALL BE PROPERLY EXECUTED AND RECORDED. THREE (3) COPIES EACH OF THE RECORDED DOCUMENTS SHALL BE FURNISHED TO L.P.U.D.
5. THE MANHOLE FRAME AND COVER AND CONCRETE SUPPORT FOR MANHOLES SHALL BE RAISED AND CONSTRUCTED TO FINISHED PAVED GRADE AFTER THE PAVING OPERATION IS COMPLETED. THE RING SECTION SHALL NOT BE MORE THAN 24" FROM THE CONE. THE COMPLETE SEWER SYSTEM SHALL BE COMPLETELY CLEAN PRIOR TO ACCEPTANCE.
6. WORK IN THE STATE OF CALIFORNIA OR THE COUNTY OF KERN RIGHTS-OF-WAY SHALL BE DONE IN ACCORDANCE WITH THE APPROPRIATE ENCROACHMENT PERMITS.
7. THE SEWER SYSTEM, INCLUDING LATERALS, SHALL BE HYDROSTATIC WATER OR AIR TESTED, AFTER ALL UNDERGROUND UTILITIES ARE CONSTRUCTED, AND PRIOR TO PLACING STREET PAVEMENT.
8. EXISTING SEWER LOCATION AND FLOW LINE SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR BEFORE START OF CONSTRUCTION. THE DISTRICT SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES.
9. ONE COMPLETE SET OF DRAWINGS (CHRONOFLEXES) SHALL BE FURNISHED TO THE DISTRICT ON COMPLETION OF CONSTRUCTION.

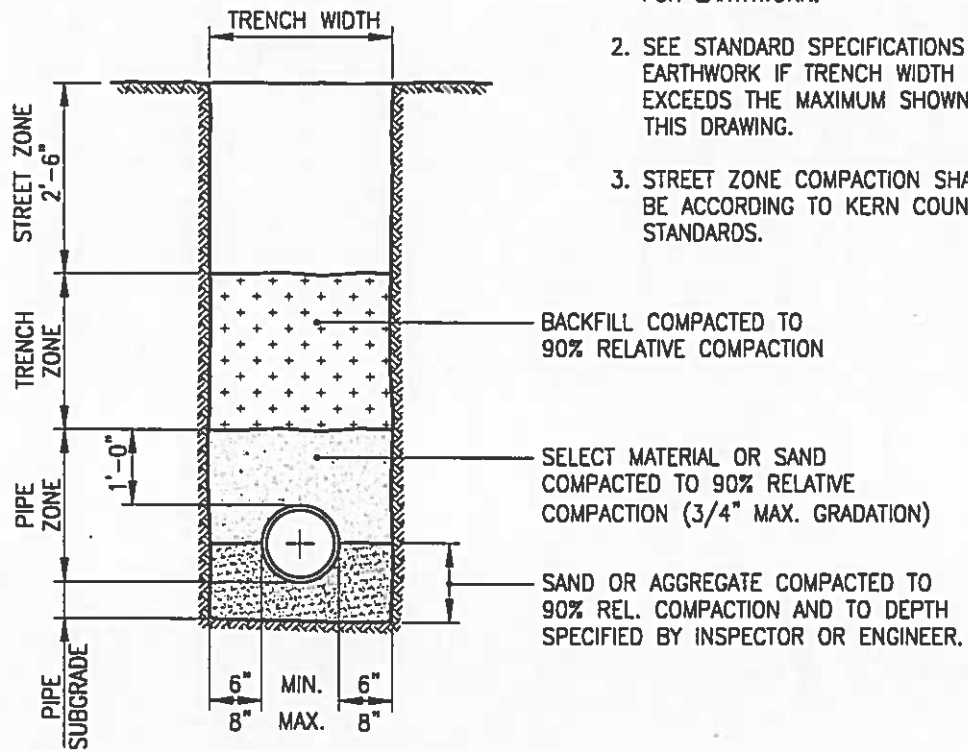
		<b>LAMONT PUBLIC UTILITY DISTRICT</b>	
		<b>STANDARD SEWER NOTES</b>	
		<i>BOYLE ENGINEERING CORPORATION</i>	DATE DRAWN
DATE	REVISION	8/98	SHEET NO. S-1



**TYPE 1 - NORMAL**

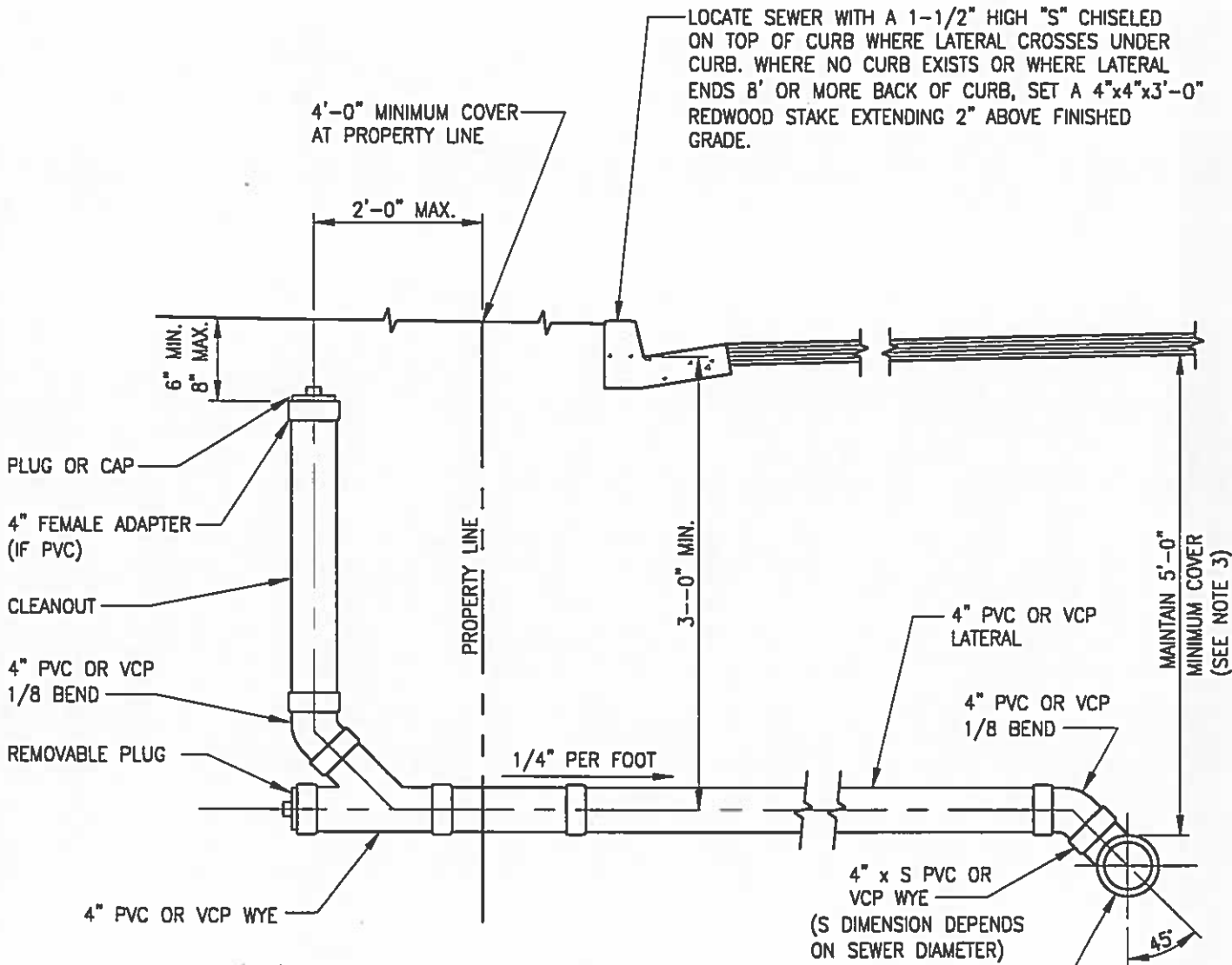
**NOTES:**

1. SAND AND SELECT MATERIAL SHALL BE PER STANDARD SPECIFICATIONS FOR EARTHWORK.
2. SEE STANDARD SPECIFICATIONS FOR EARTHWORK IF TRENCH WIDTH EXCEEDS THE MAXIMUM SHOWN ON THIS DRAWING.
3. STREET ZONE COMPACTION SHALL BE ACCORDING TO KERN COUNTY STANDARDS.



**TYPE 2 - UNSUITABLE MATERIAL IN SUBGRADE**

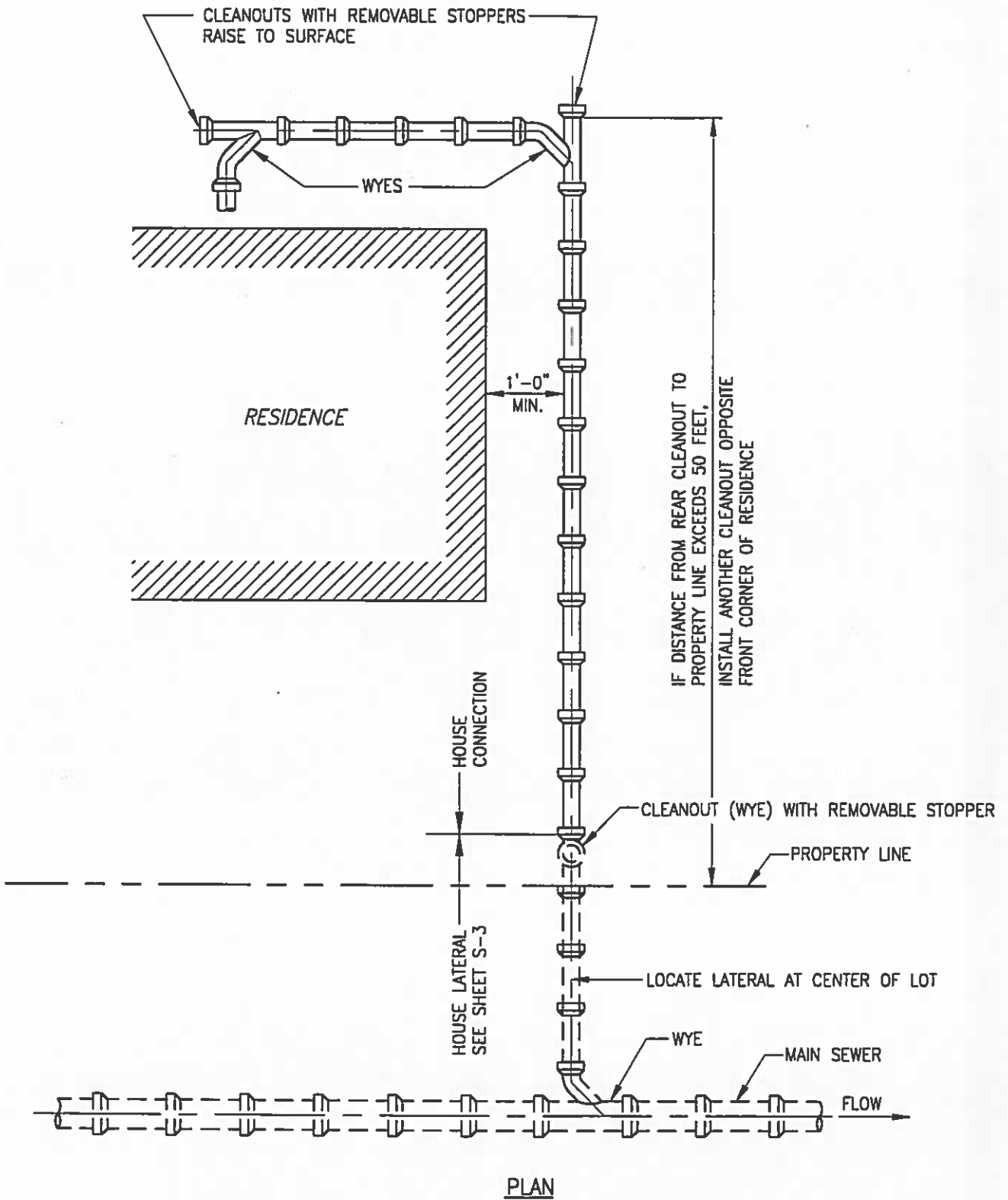
<b>LAMONT PUBLIC UTILITY DISTRICT</b>	
<b>SEWER PIPE BEDDING AND BACKFILL DETAILS</b>	
	DATE DRAWN
	SHEET NO.
	<i>BOYLE ENGINEERING CORPORATION</i>
DATE	8/98
REVISION	S-2



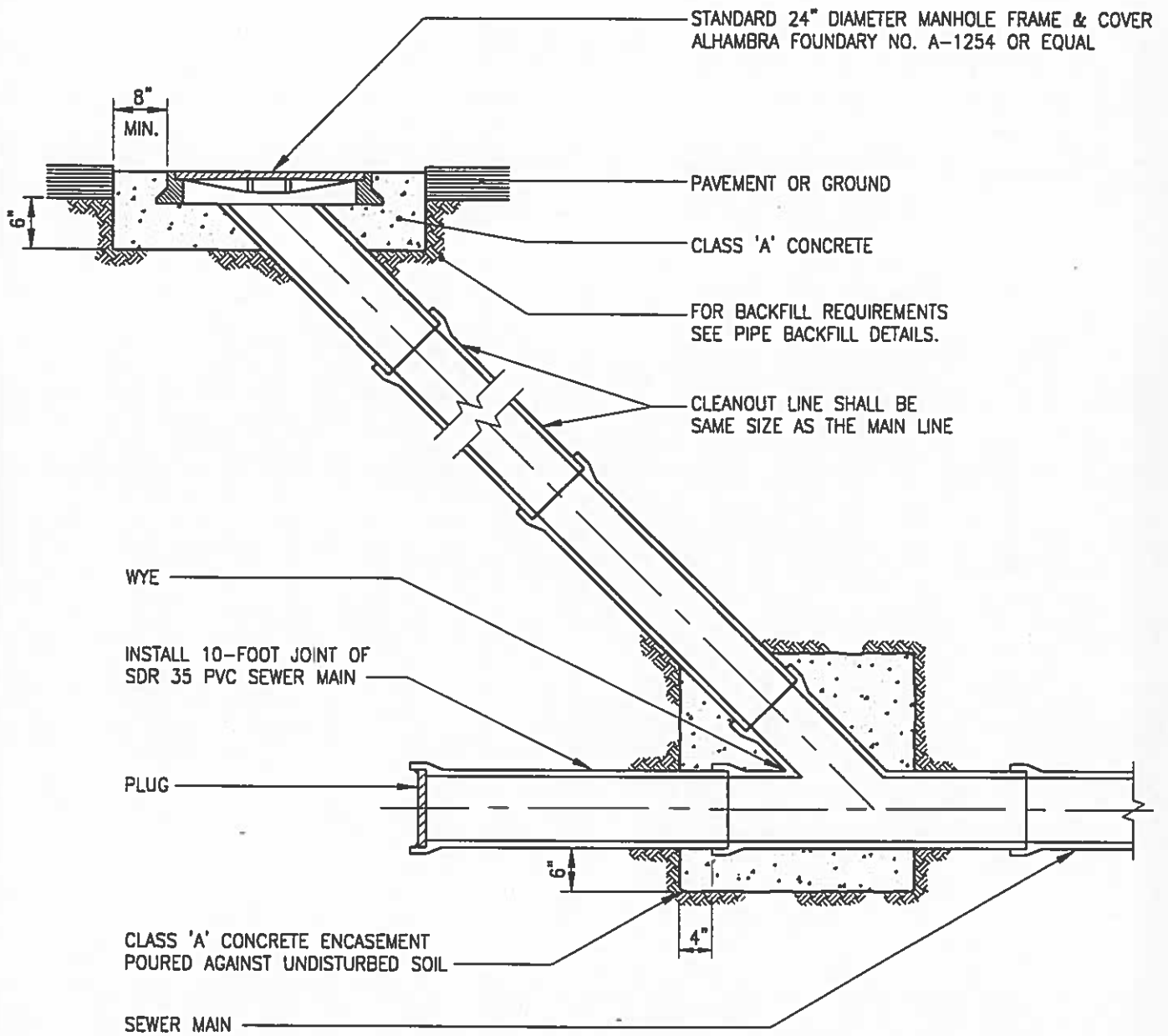
**NOTES:**

1. FOR TYPICAL HOUSE CONNECTION, SEE SHEET S-4.
2. LATERAL MATERIAL SHALL MATCH SEWER MAIN.
3. MAINTAIN 5'-0" MINIMUM COVER OVER SEWER UNLESS APPROVED BY DISTRICT ENGINEER.

		<b>LAMONT PUBLIC UTILITY DISTRICT</b>	
		<b>TYPICAL SEWER LATERAL</b>	
		<i>BOYLE ENGINEERING CORPORATION</i>	DATE DRAWN <b>8/98</b>
DATE	REVISION		SHEET NO. <b>S-3</b>

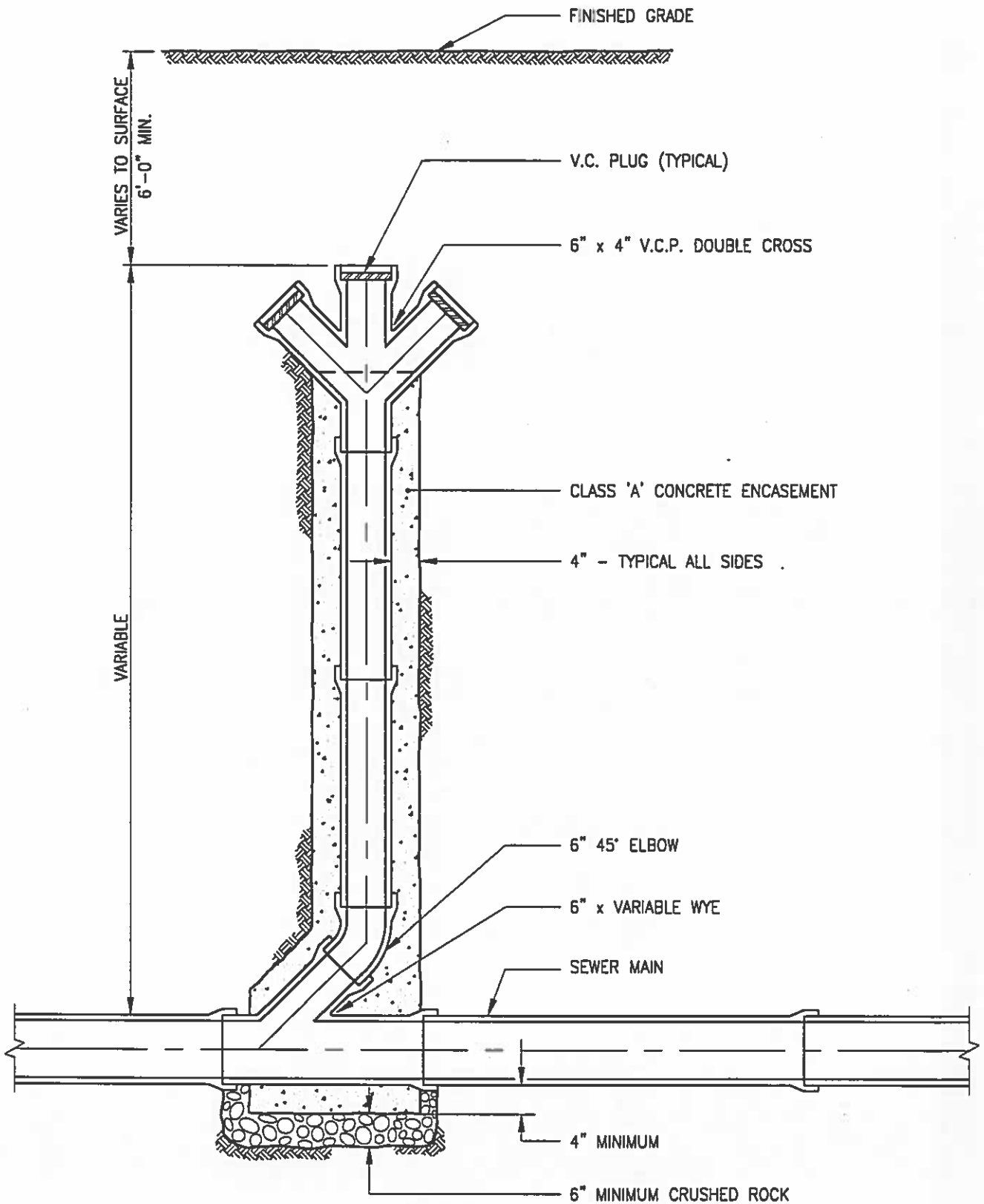


		<b>LAMONT PUBLIC UTILITY DISTRICT</b>	
		<b>TYPICAL HOUSE CONNECTION</b>	
		<i>BOYLE ENGINEERING CORPORATION</i>	DATE DRAWN <b>8/98</b>
DATE	REVISION		SHEET NO. <b>S-4</b>



**SECTION**

		<b>LAMONT PUBLIC UTILITY DISTRICT</b>	
		<b>STANDARD END LINE OF CLEANOUT</b>	
		<i>BOYLE ENGINEERING CORPORATION</i>	DATE DRAWN <b>8/98</b>
DATE	REVISION		SHEET NO. <b>S-5</b>

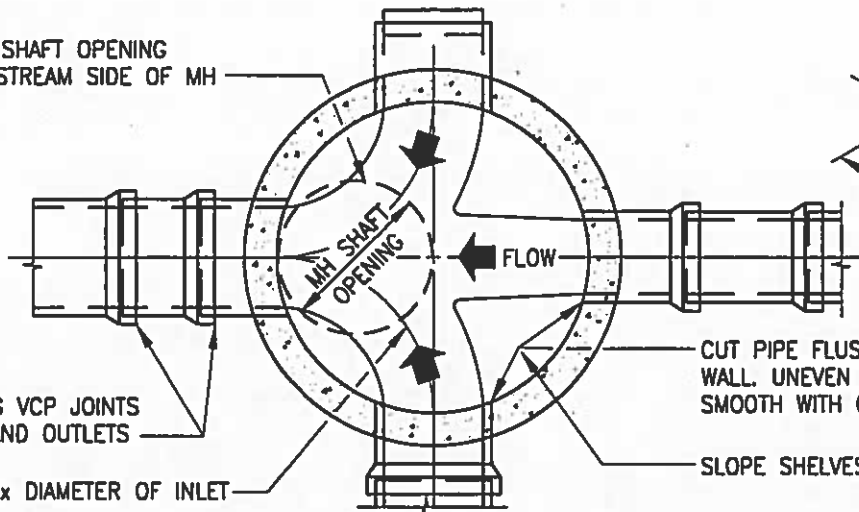
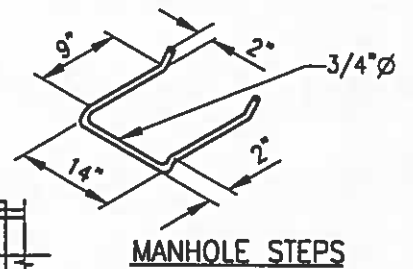


SECTION

		<b>LAMONT PUBLIC UTILITY DISTRICT</b>	
		<b>STANDARD CHIMNEY</b>	
		<i>BOYLE ENGINEERING CORPORATION</i>	DATE DRAWN
DATE	REVISION	8/98	SHEET NO. S-6



LOCATE MH SHAFT OPENING  
OVER DOWNSTREAM SIDE OF MH



2-24" LONG VCP JOINTS  
AT INLETS AND OUTLETS

RADIUS = 2x DIAMETER OF INLET

CUT PIPE FLUSH WITH INSIDE OF MANHOLE  
WALL. UNEVEN EDGES SHALL BE PLASTERED  
SMOOTH WITH CEMENT MORTAR.

SLOPE SHELVES TO DRAIN

PLAN

FOR CONCRETE COLLAR  
DETAIL, SEE S-8

FOR MANHOLE TOP DETAILS SEE S-8

12" MIN.  
18" MAX.  
2'-6"

6" 24" 6"

1/2" CEMENT MORTAR

24" DIA. COLLAR SECTIONS AS NEEDED.  
MAX. HEIGHT 6" PER SECTION

48" x 24" ECCENTRIC CONE SECTION

1/2" MORTAR BETWEEN SECTIONS TO  
FORM WATER TIGHT JOINTS - TYPICAL

**NOTES:**

1. MANHOLE RINGS, CONES AND SECTIONS SHALL BE AS MANUFACTURED BY ASSOCIATED CONCRETE PRODUCTS OR APPROVED EQUAL.
2. MORTAR SHALL BE: 1 PART CEMENT TO 4 PARTS SAND.

STEPS @  
1'-0" O.C.

FOR BACKFILL REQUIREMENTS SEE PIPE  
BACKFILL DETAILS, SHEET S-2

6" 48" 6"

POUR LEDGE AFTER MANHOLE IS SET

THE CROWN ELEVATION OF ALL PIPES  
SHALL BE THE SAME AS THE CROWN  
ELEVATION OF THE LARGEST.

3" MIN.

SLOPE 1"

1/2" R

PIPE I.D.  
+1"

PIPE I.D.

#4 BARS @ 12" O.C.

9" BELOW  
LARGEST PIPE

3" MIN.

ELEVATION

POUR BASE AGAINST UNDISTURBED SOIL

**LAMONT PUBLIC UTILITY DISTRICT**

**48" I.D. STANDARD MANHOLE**

DATE

REVISION

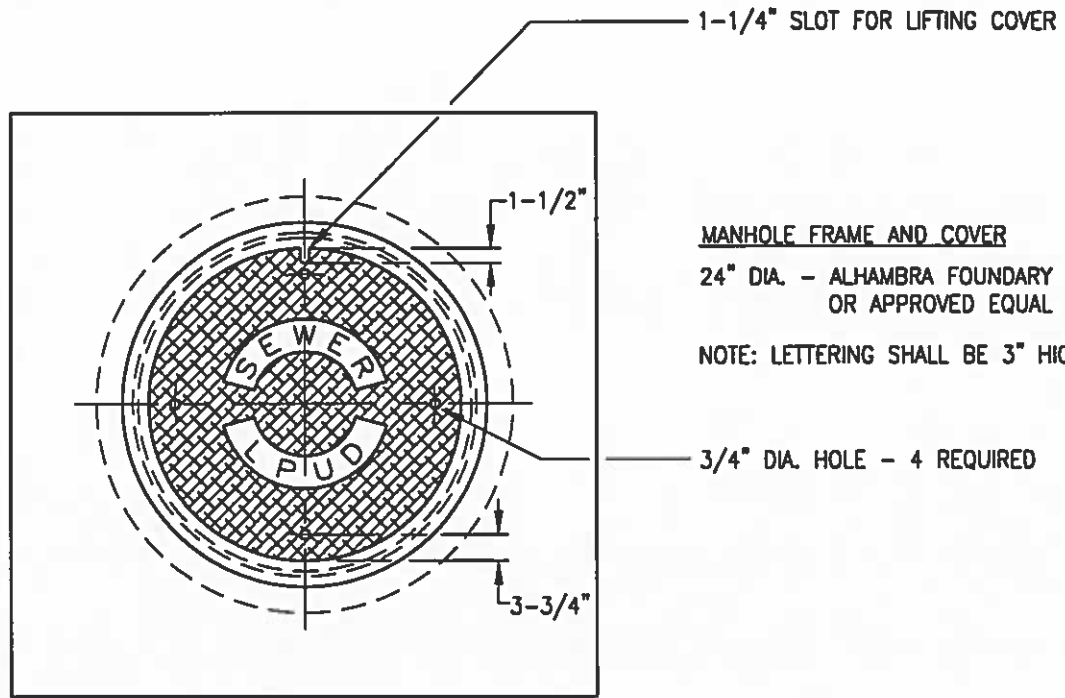
**BOYLE ENGINEERING CORPORATION**

DATE DRAWN

8/98

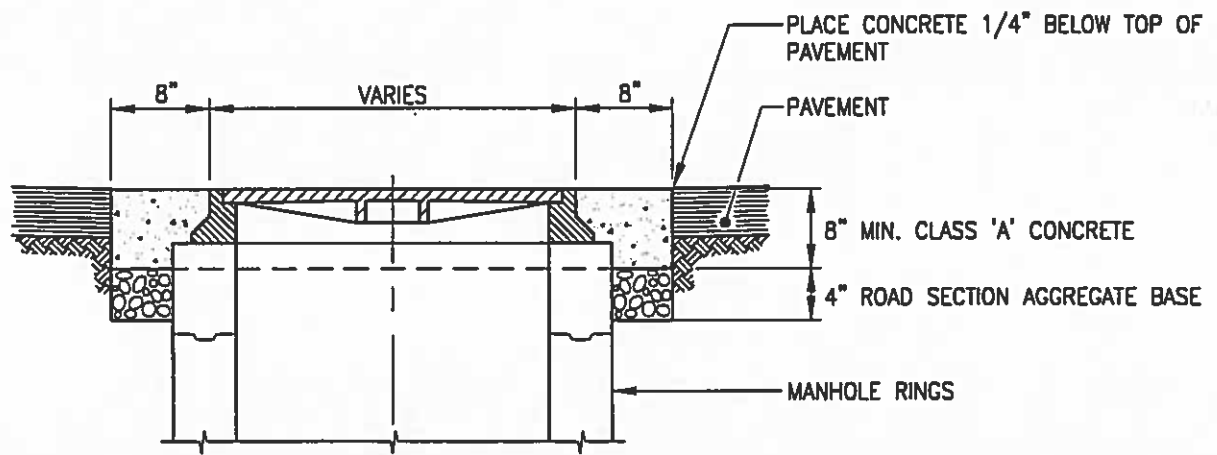
SHEET NO.

S-7



**MANHOLE FRAME AND COVER**  
 24" DIA. - ALHAMBRA FOUNDRY NO. A-1254  
 OR APPROVED EQUAL  
 NOTE: LETTERING SHALL BE 3" HIGH

PLAN

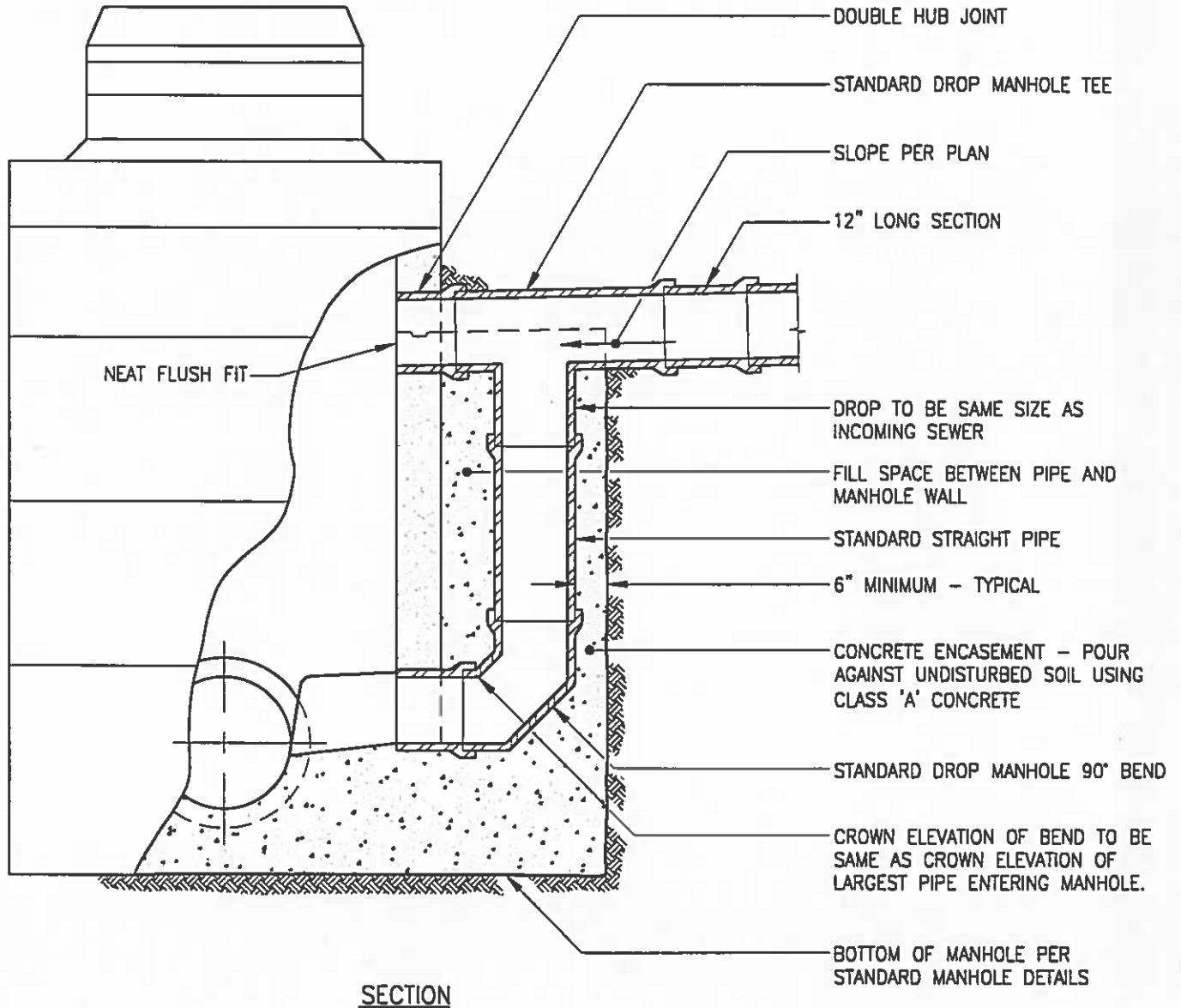


SECTION

		<b>LAMONT PUBLIC UTILITY DISTRICT</b>	
		<b>MANHOLE FRAME AND COVER</b>	
		<i>BOYLE ENGINEERING CORPORATION</i>	DATE DRAWN <b>8/98</b>
DATE	REVISION		SHEET NO. <b>S-8</b>

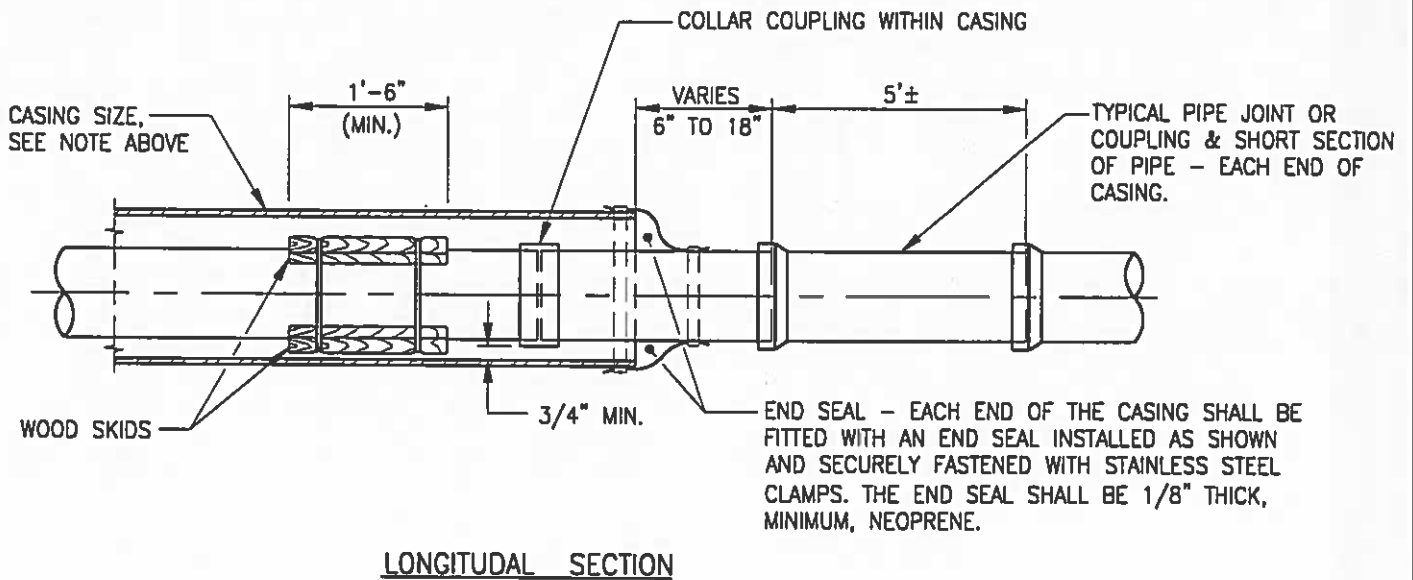
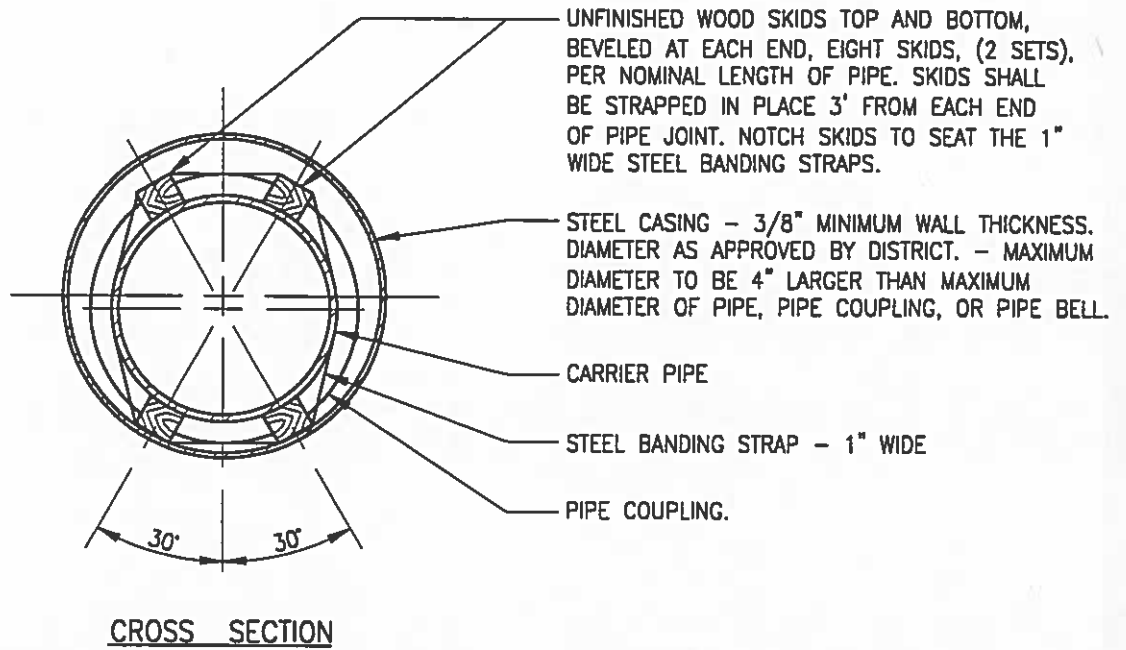
**NOTES:**

1. DROP CONNECTION SHALL BE USED IF THE DIFFERENCE IN ELEVATION BETWEEN THE MAIN & INTERSECTING PIPES IS GREATER THAN 2.5'
2. THE DROP TYPE MANHOLE IS THE SAME AS THE STANDARD MANHOLE EXCEPT FOR THE DROP TYPE CONNECTION.
3. THE DROP SECTION OF PIPE MAY BE INSTALLED INSIDE THE MANHOLE WHERE PERMITTED BY THE DISTRICT OR COUNTY.



**SECTION**

<b>LAMONT PUBLIC UTILITY DISTRICT</b>	
<b>MANHOLE - DROP INLET</b>	
<i>BOYLE ENGINEERING CORPORATION</i>	DATE DRAWN <b>8/98</b>
DATE	REVISION
SHEET NO. <b>S-9</b>	



**GENERAL NOTES:**

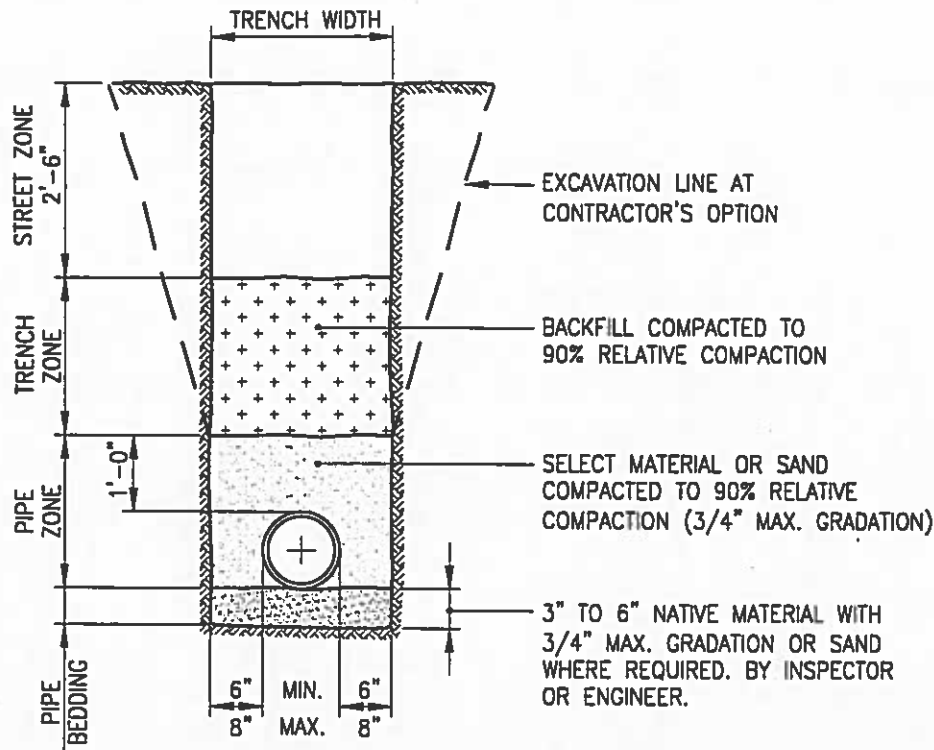
1. CASING SHALL BE INSTALLED BY THE BORE, JACK AND/OR TUNNEL METHOD.
2. WOOD SKIDS SHALL BE PER DETAIL AND SIZED TO ALLOW INSTALLATION OF CARRIER PIPE AND PROHIBIT PIPE JOINTS FROM EXCEEDING THE PIPE MANUFACTURER'S RECOMMENDED JOINT DEFLECTION.
3. ALL CASING SECTIONS SHALL BE JOINED BY CONTINUOUS WELDING PROCESS.

		<b>LAMONT PUBLIC UTILITY DISTRICT</b>	
		<b>STEEL CASING FOR SEWER PIPE</b>	
		<i>SOYLE ENGINEERING CORPORATION</i>	DATE DRAWN <b>8/98</b>
DATE	REVISION		SHEET NO. <b>S-10</b>

## WATER NOTES

1. THE WATER FACILITIES TO BE DEDICATED TO THE L.P.U.D. SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE L.P.U.D. STANDARD SPECIFICATIONS.
2. THE L.P.U.D. SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO START OF CONSTRUCTION. TELEPHONE (805) 845-1213.
3. THE CONSTRUCTION PLANS MUST BE APPROVED BY THE L.P.U.D. PRIOR TO THE START OF ANY WATER CONSTRUCTION. TWO (2) SETS OF APPROVED PLANS SHALL BE FURNISHED TO L.P.U.D. AND ONE (1) SET OF THE SAME TO THE DISTRICT'S ENGINEER. PRIOR TO DISTRICT APPROVAL, THE PLANS MUST BE SIGNED BY A CALIFORNIA REGISTERED CIVIL ENGINEER.
4. PRIOR TO ACCEPTANCE OF THE WATER FACILITIES, ALL NECESSARY EASEMENT DOCUMENTS SHALL BE PROPERLY EXECUTED AND RECORDED. THREE (3) COPIES EACH OF THE RECORDED DOCUMENTS SHALL BE FURNISHED TO L.P.U.D.
5. WATER MAINS SHALL BE INSTALLED 5 FEET FROM THE CURB FACE UNLESS OTHERWISE INDICATED ON THE PLANS. ALL WATER SERVICES SHALL BE METERED.
6. WORK IN THE STATE OF CALIFORNIA OR THE COUNTY OF KERN RIGHTS-OF-WAY SHALL BE DONE IN ACCORDANCE WITH THE APPROPRIATE ENCROACHMENT PERMITS.
7. THE WATER SYSTEM, INCLUDING LATERALS, SHALL BE HYDROSTATIC TESTED, AFTER ALL UNDERGROUND UTILITIES ARE CONSTRUCTED, AND PRIOR TO PLACING STREET PAVEMENT.
8. ALL VALVES SHALL BE FLANGE CONNECTED TO FITTINGS.
9. ALL WATER LINES SHALL HAVE A MINIMUM COVER OF 36 INCHES.
10. ONE COMPLETE SET OF DRAWINGS (CHRONOFLEXES) SHALL BE FURNISHED TO THE DISTRICT ON COMPLETION OF CONSTRUCTION.

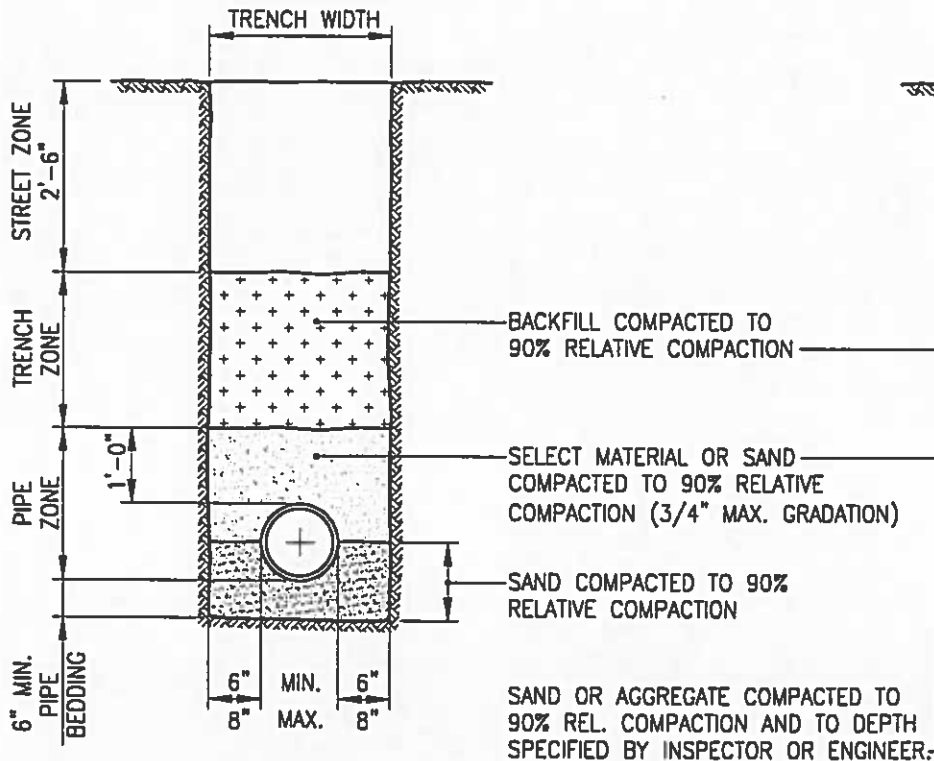
		<b>LAMONT PUBLIC UTILITY DISTRICT</b>	
		<b>STANDARD WATER NOTES</b>	
		<i><b>BOYLE ENGINEERING CORPORATION</b></i>	DATE DRAWN <b>8/98</b>
DATE	REVISION		SHEET NO. <b>W-1</b>



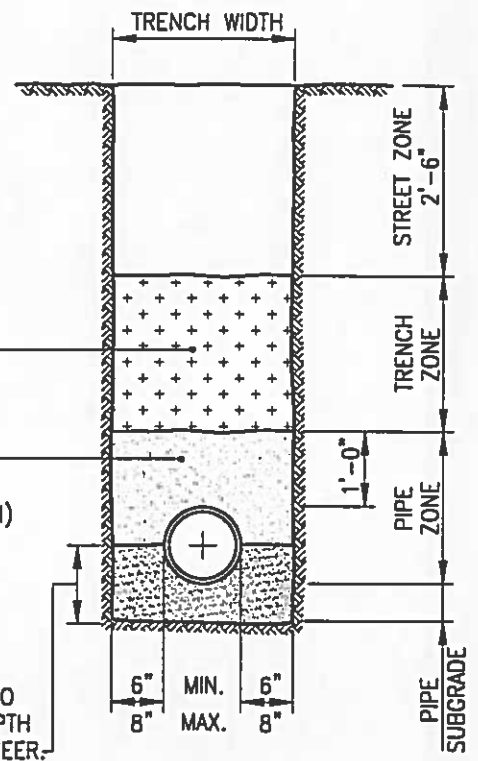
**TYPE 1**

**NOTES:**

1. SAND AND SELECT MATERIAL SHALL BE PER STANDARD SPECIFICATIONS FOR EARTHWORK.
2. SEE STANDARD SPECIFICATIONS FOR EARTHWORK IF TRENCH WIDTH EXCEEDS THE MAXIMUM SHOWN ON THIS DRAWING.
3. STREET ZONE COMPACTION SHALL BE ACCORDING TO KERN COUNTY STANDARDS

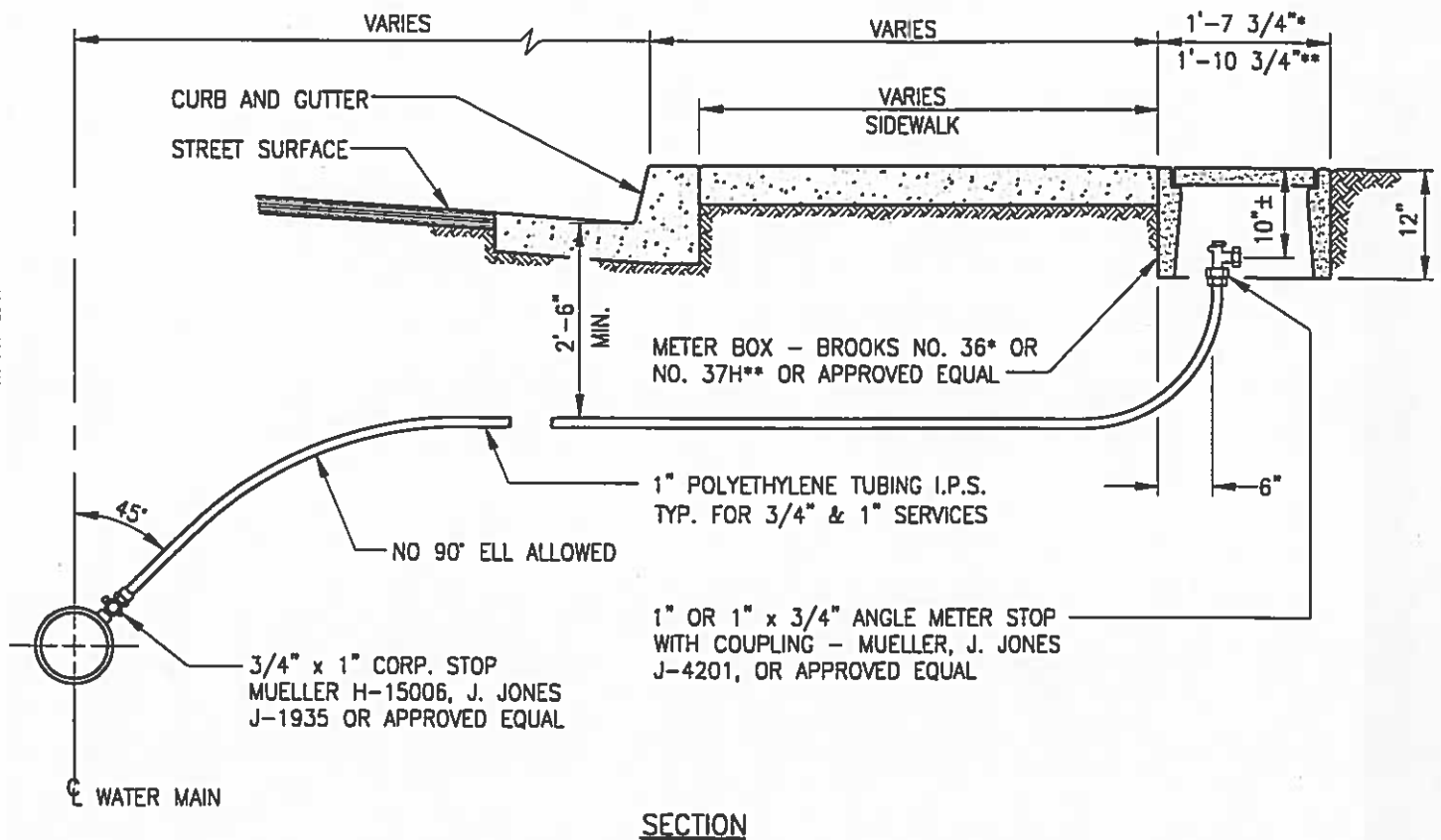


**TYPE 2**  
**ROCKY OR OVER-EXCAVATED**



**TYPE 3**  
**UNSUITABLE MATERIAL IN SUBGRADE**

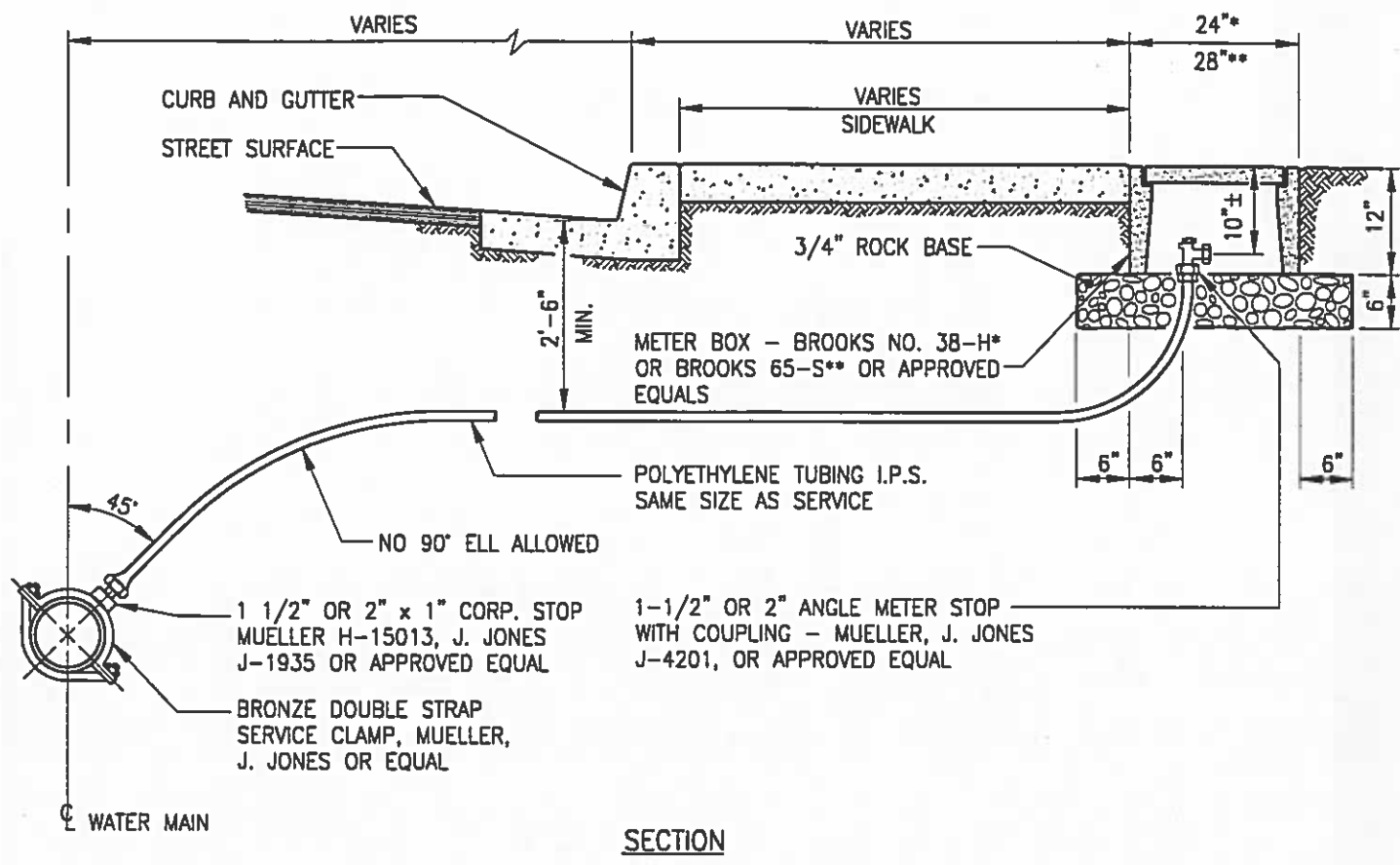
<b>LAMONT PUBLIC UTILITY DISTRICT</b>	
<b>WATER PIPE BEDDING AND BACKFILL DETAILS</b>	
<i>BOYLE ENGINEERING CORPORATION</i>	DATE DRAWN <b>8/98</b>
DATE	REVISION
SHEET NO. <b>W-2</b>	



**GENERAL NOTES:**

1. IF METER BOX IS LOCATED ON A SLOPE NEXT TO A CURB OR SIDEWALK, A PROTECTIVE RETAINING WALL SHALL BE CONSTRUCTED.
2. CORPORATION STOP TAP SHALL BE MADE AS SPECIFIED BY THE PIPE MANUFACTURER'S INSTALLATION GUIDE. ALL DRY TAPS SHALL BE MADE WITH MACHINE WITH GUIDE OR PILOT FOR TAP.
3. THE REQUIRED SIZE OF THE SERVICE MUST BE APPROVED BY THE DISTRICT.
4. THE WATER SERVICE SHALL EXTEND PERPENDICULAR TO THE CENTERLINE OF THE STREET FROM THE WATER MAIN TO THE METER STOP.
5. METER BOXES SHALL BE CONSTRUCTED IMMEDIATELY BEHIND THE SIDEWALK WHERE SIDEWALKS ARE ADJACENT TO CURB.
6. \* INDICATES METER BOX AND DIMENSION FOR 3/4" SERVICE.  
 \*\* INDICATES METER BOX AND DIMENSION FOR 1" SERVICE.

		<b>LAMONT PUBLIC UTILITY DISTRICT</b>	
		<b>3/4" &amp; 1" STANDARD WATER SERVICES</b>	
		<i>BOYLE ENGINEERING CORPORATION</i>	DATE DRAWN <b>8/98</b>
DATE	REVISION		SHEET NO. <b>W-3</b>



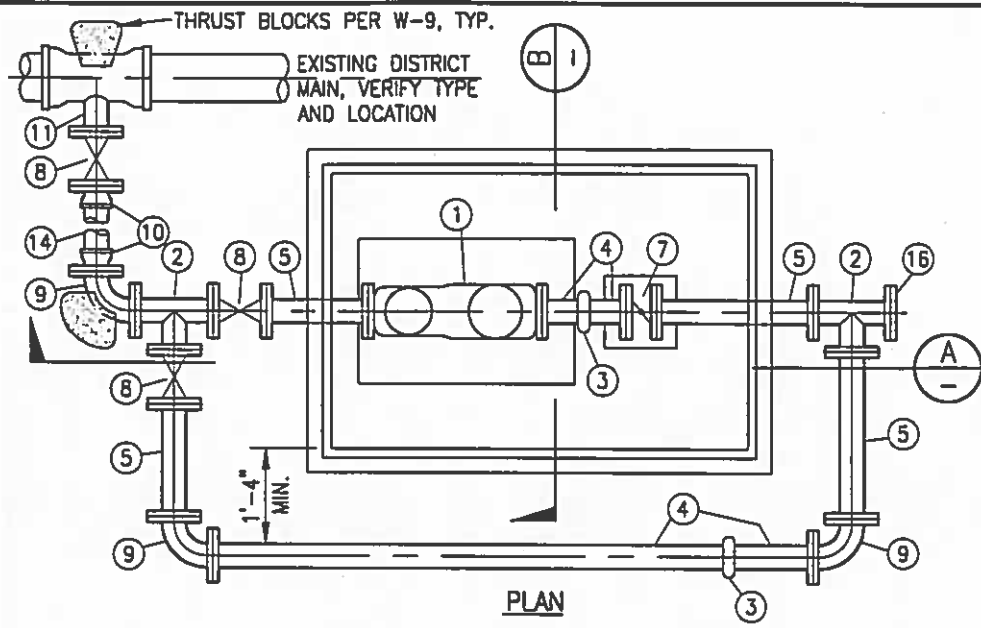
**SECTION**

**GENERAL NOTES:**

1. IF METER BOX IS LOCATED ON A SLOPE NEXT TO A CURB, OR SIDEWALK, A PROTECTIVE RETAINING WALL SHALL BE CONSTRUCTED.
2. CORPORATION STOP TAP SHALL BE MADE AS SPECIFIED BY THE PIPE MANUFACTURER'S INSTALLATION GUIDE. ALL DRY TAPS SHALL BE MADE WITH MACHINE WITH GUIDE OR PILOT FOR TAP.
3. THE REQUIRED SIZE OF THE SERVICE MUST BE APPROVED BY THE DISTRICT.
4. THE WATER SERVICE SHALL EXTEND PERPENDICULAR TO THE CENTERLINE OF THE STREET FROM THE WATER MAIN TO THE METER STOP.
5. METER BOXES SHALL BE CONSTRUCTED IMMEDIATELY BEHIND THE SIDEWALK WHERE SIDEWALKS ARE ADJACENT TO CURB.
6. \* INDICATES METER BOX AND DIMENSION FOR 1-1/2" SERVICE.  
 \*\* INDICATES METER BOX AND DIMENSION FOR 2" SERVICE.

		<b>LAMONT PUBLIC UTILITY DISTRICT</b>	
		<b>1-1/2" &amp; 2" STANDARD WATER SERVICES</b>	
		<i>BOYLE ENGINEERING CORPORATION</i>	DATE DRAWN <b>8/98</b>
DATE	REVISION		SHEET NO. <b>W-4</b>

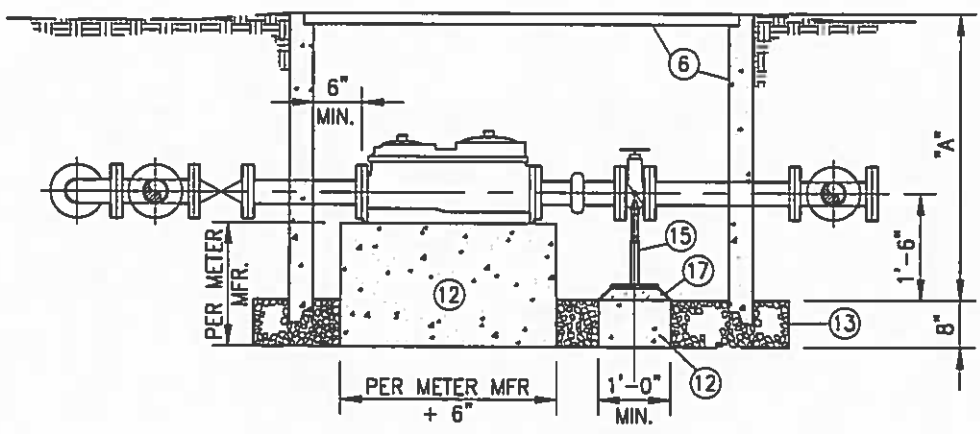




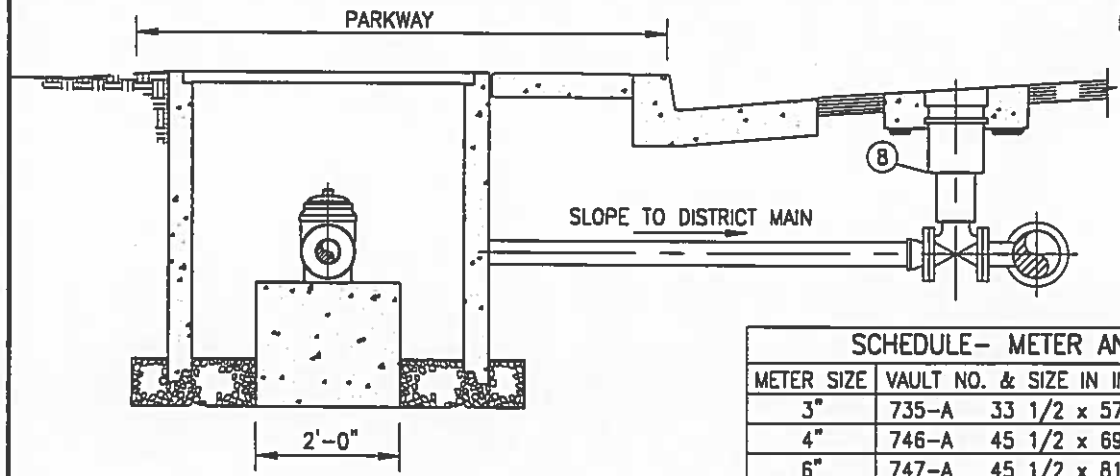
**MATERIAL LIST**

- ① COMPOUND METER, MUELLER OR EQUAL
- ② STANDARD WEIGHT STEEL TEE, FLG.x FLG.x FLG.
- ③ GROOVED COUPLING, VICTAULIC STYLE 77 OR EQUAL
- ④ STANDARD WEIGHT STEEL PIPE, FLG.x PE
- ⑤ STANDARD WEIGHT STEEL PIPE, FLG.x FLG.
- ⑥ PRECAST CONCRETE VAULT, GALVANIZED COVER WITH 7"x 14" READING LID, BROOKS PRODUCTS OR EQUAL
- ⑦ GATE VALVE, FLANGED FOR 3" SERVICE, FOR 4" THRU 8" SERVICE USE FLANGED BUTTERFLY VALVE
- ⑧ GATE VALVE, FLANGED, WITH VALVE BOX
- ⑨ STANDARD WEIGHT STEEL 90° BEND, FLG.x FLG.
- ⑩ ADAPTER, FLG.x RT
- ⑪ CAST IRON TEE WITH FLANGED OUTLET
- ⑫ CLASS "A" CONCRETE SUPPORTS
- ⑬ CLASS II AGGREGATE BASE
- ⑭ POLYVINYL CHLORIDE PIPE, CLASS 150 FOR 4" THRU 8", USE SCHEDULE 40 FLANGED STEEL PIPE FOR 3" SERVICE
- ⑮ ADJUSTABLE PIPE SUPPORT, GRINNELL OR EQUAL, REQUIRED FOR 6" AND 8" ONLY
- ⑯ BLIND FLANGE
- ⑰ NON-SHRINK GROUT

NOTE: ALL STEEL PIPE SHALL BE FUSION BONDED EPOXY LINED AND COATED, 100% SOLID THERMOSETTING, APPLIED BY FLUIDIZED BED METHOD.



SECTION A



SECTION B

SCHEDULE- METER AND VAULT SIZES			
METER SIZE	VAULT NO. & SIZE IN INCHES	DIMENSION "A"	
3"	735-A 33 1/2 x 57 1/2	3'-3"±	
4"	746-A 45 1/2 x 69 1/2	4'-0"±	
6"	747-A 45 1/2 x 81 1/2	4'-0"±	
8"	747-A 45 1/2 x 81 1/2	4'-0"±	

NOTE: 4" METER INSTALLATION IS ILLUSTRATED ON THIS SHEET.

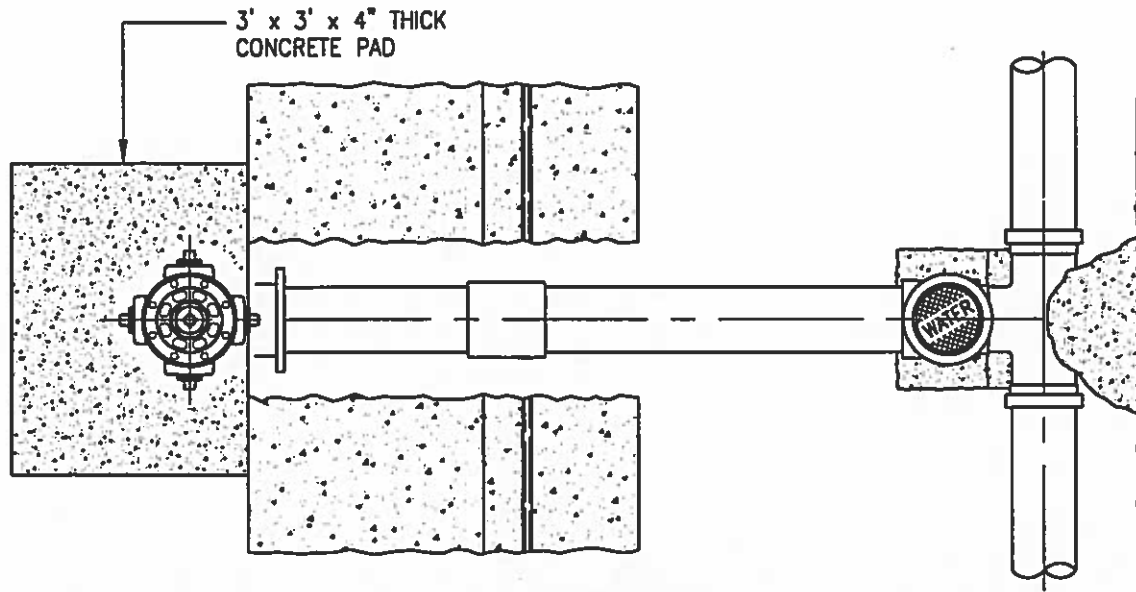
DATE	REVISION

**LAMONT PUBLIC UTILITY DISTRICT**

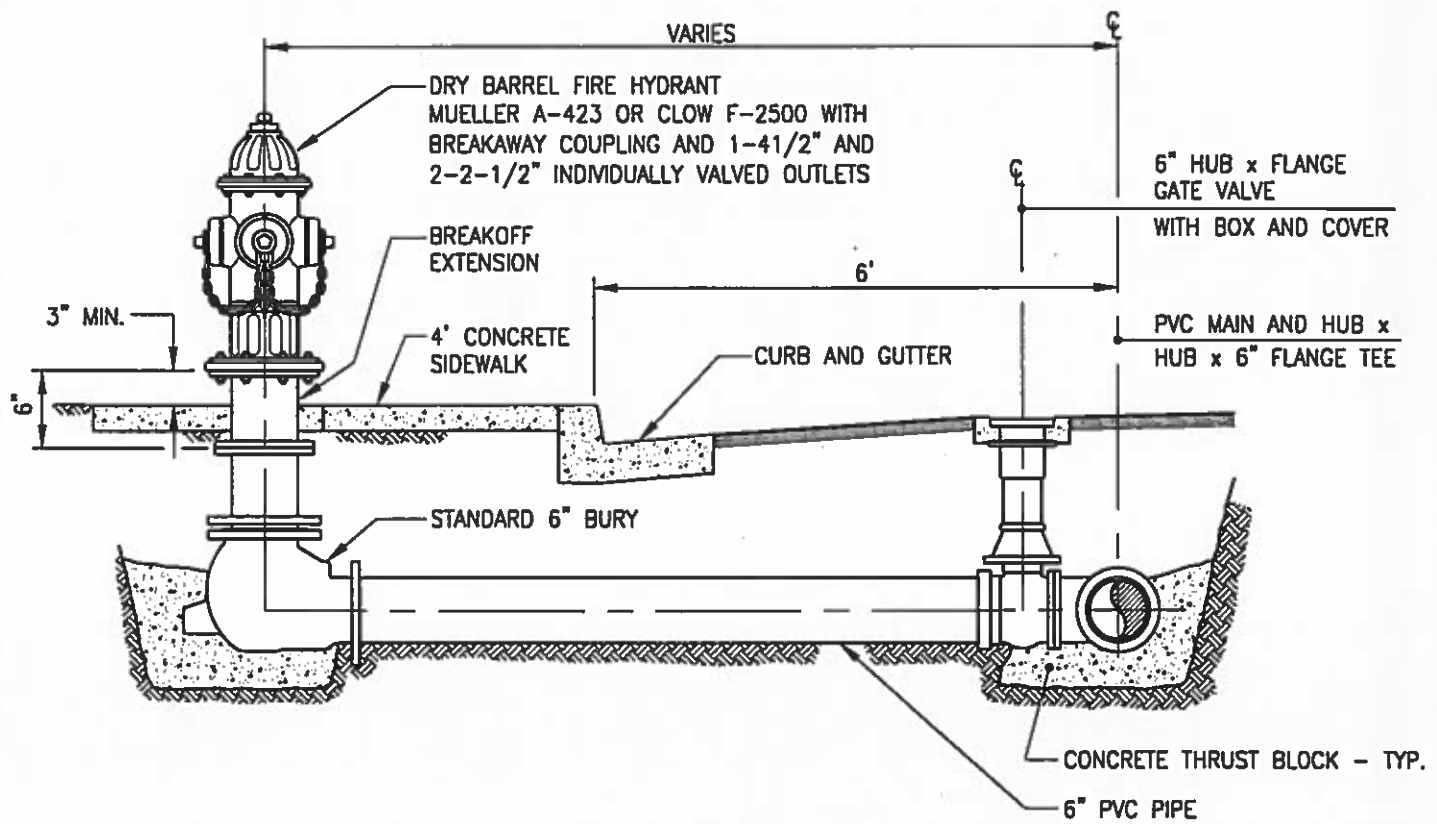
**STANDARD WATER METER**

*BOYLE ENGINEERING CORPORATION*

DATE DRAWN	SHEET NO.
9/98	W-5

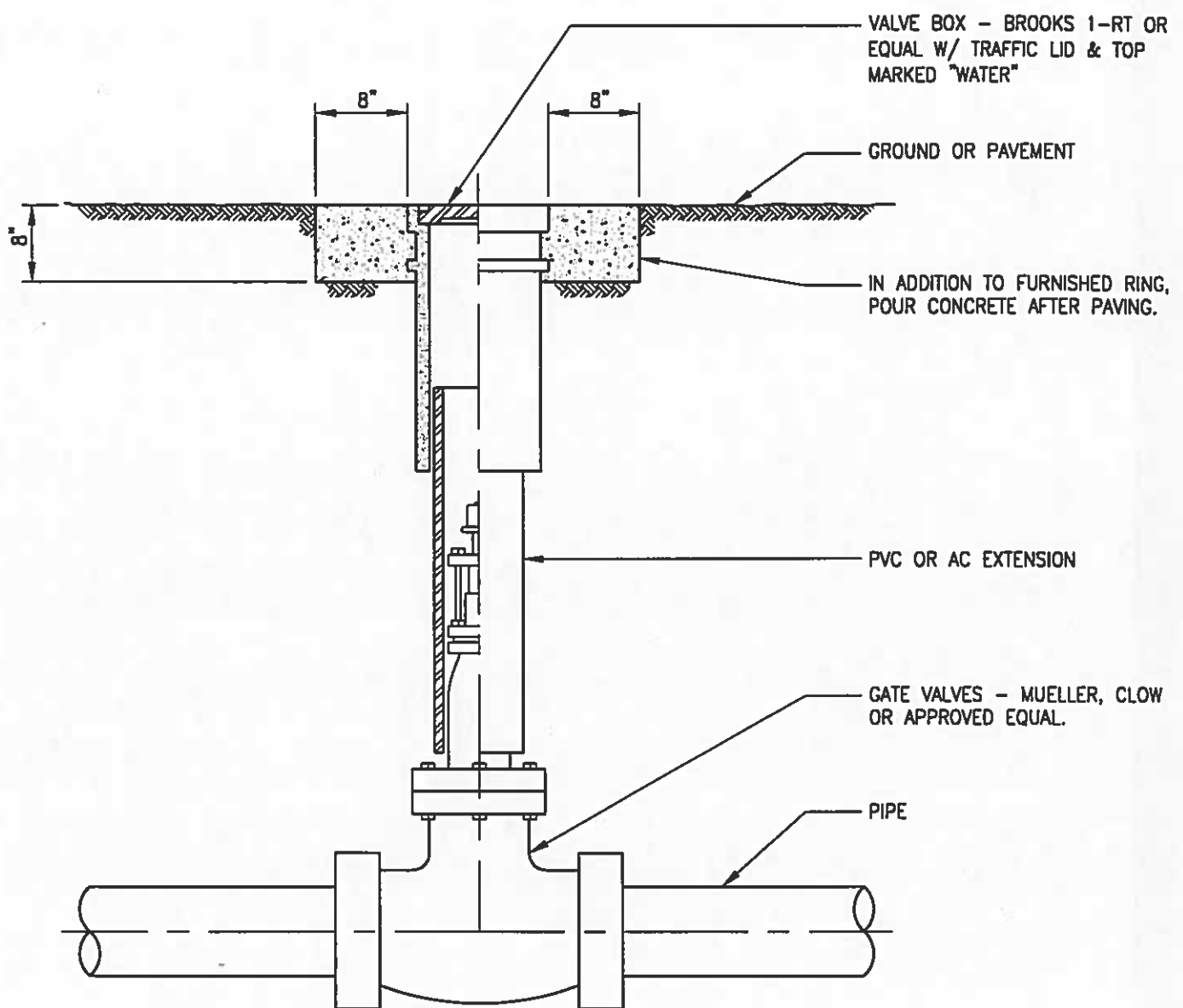


PLAN



ELEVATION

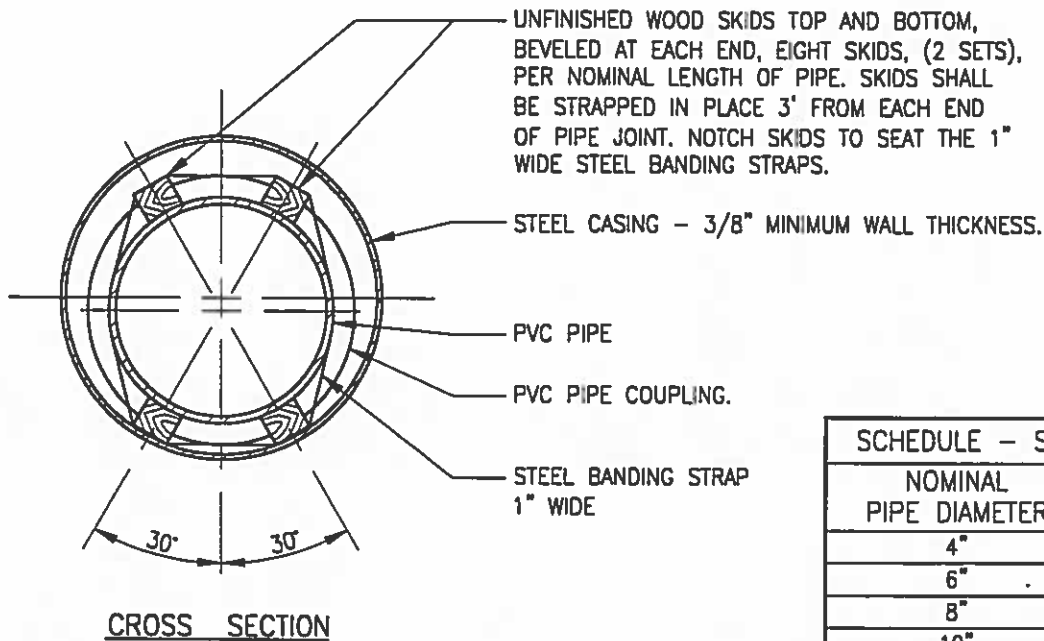
		<b>LAMONT PUBLIC UTILITY DISTRICT</b>	
		<b>FIRE HYDRANT ASSEMBLY</b>	
		<i>BOYLE ENGINEERING CORPORATION</i>	DATE DRAWN <b>8/98</b>
DATE	REVISION		SHEET NO. <b>W-6</b>



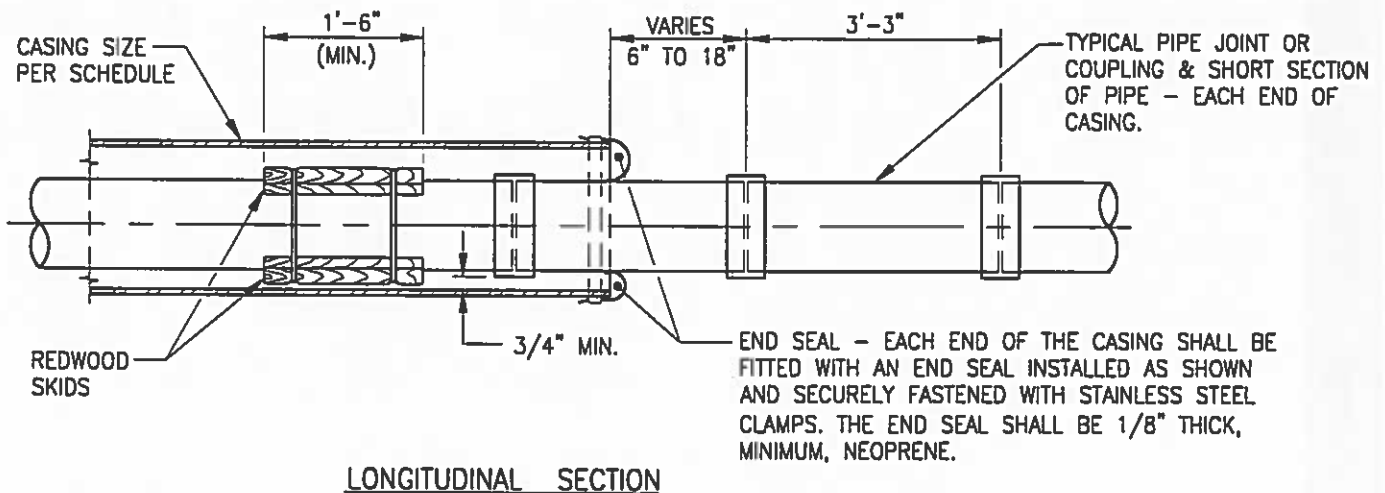
SECTION - ELEVATION

**NOTE:**  
 PROVIDE ADJUSTABLE VALVE BOXES  
 FOR ALL VALVES 4" OR LARGER.

		<b>LAMONT PUBLIC UTILITY DISTRICT</b>	
		<b>VALVE BOX ASSEMBLY</b>	
		<i>BOYLE ENGINEERING CORPORATION</i>	DATE DRAWN
DATE	REVISION	8/98	SHEET NO. W-7



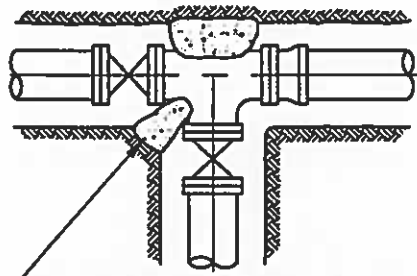
SCHEDULE - STEEL CASING FOR PIPE	
NOMINAL PIPE DIAMETER	MINIMUM CASING DIAMETER
4"	12" I.D.
6"	12" I.D.
8"	18" I.D.
10"	20" I.D.
12"	24" I.D.
16"	30" I.D.
24"	40" I.D.



**GENERAL NOTES:**

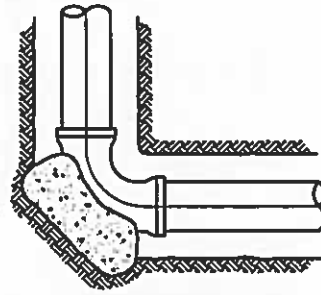
1. CASING SHALL BE INSTALLED BY THE BORE, JACK AND/OR TUNNEL METHOD.
2. REDWOOD SKIDS SHALL BE PER DETAIL AND SIZED TO ALLOW INSTALLATION OF CARRIER PIPE AND PROHIBIT PIPE JOINTS FROM EXCEEDING THE PIPE MANUFACTURER'S RECOMMENDED JOINT DEFLECTION.
3. VOIDS AROUND CASING SHALL BE PRESSURE GROUTED, WITH A 4 TO 1 MIX CEMENT GROUT.
4. ALL CASING SECTIONS SHALL BE JOINED BY CONTINUOUS WELDING PROCESS.

		<b>LAMONT PUBLIC UTILITY DISTRICT</b>	
		<b>STEEL CASING CONDUCTOR PIPE</b>	
		<i>BOYLE ENGINEERING CORPORATION</i>	DATE DRAWN <b>8/98</b>
DATE	REVISION		SHEET NO. <b>W-8</b>

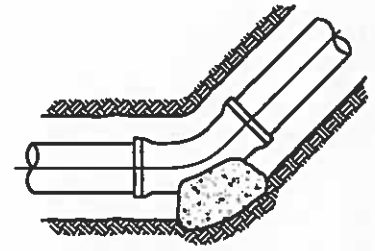


INSTALL THRUST BLOCK IF IN LINE VALVE IS USED. (CONDITION 6)

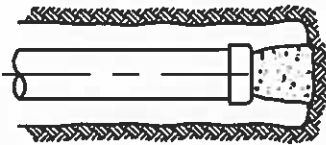
**CONDITION 1**  
(OUTLET OR FIRE HYDRANT)



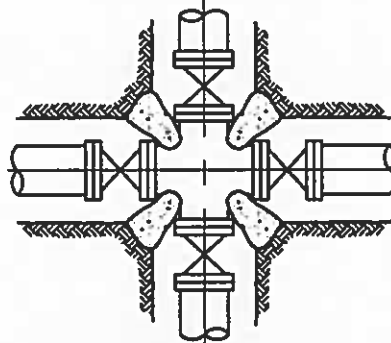
**CONDITION 2**  
(ANGLE = 90°)



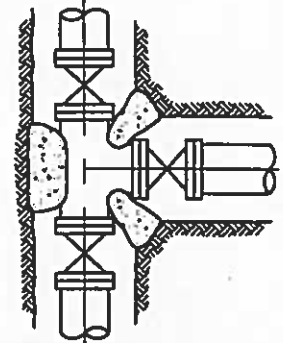
**CONDITION 3**  
(ANGLE = 45°)



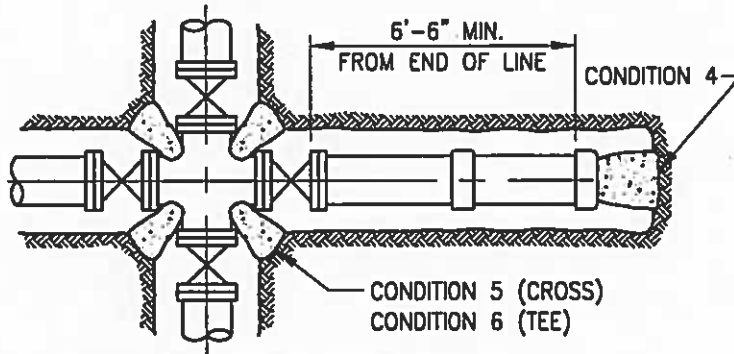
**CONDITION 4**  
(END CAP)



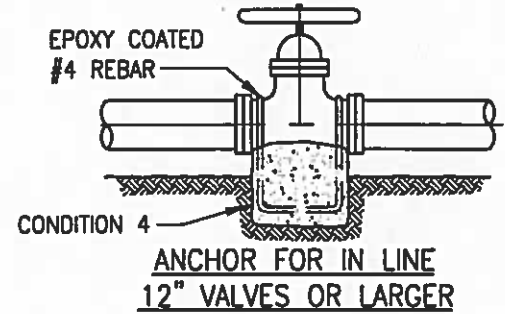
**CONDITION 5**  
(MAINLINE CROSS)



**CONDITION 6**  
(MAINLINE TEE)



**CROSS OR TEE AT END OF LINE**



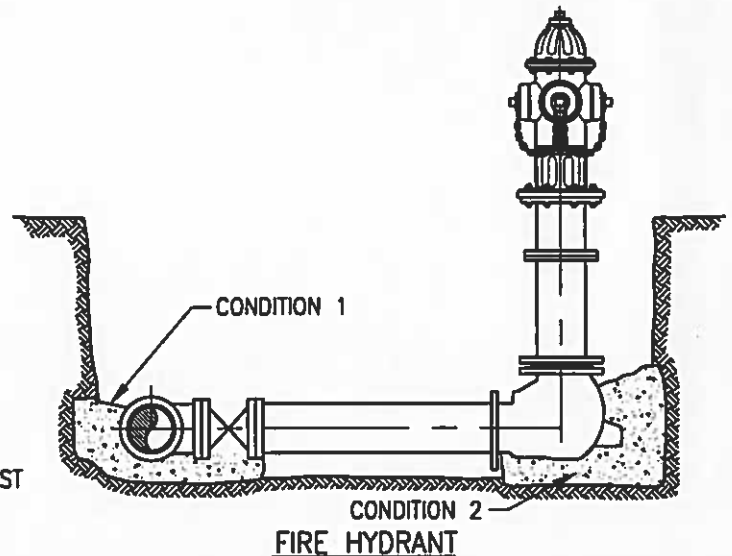
**ANCHOR FOR IN LINE 12" VALVES OR LARGER**

THRUST BLOCK BEARING AREA IN SQ. FT.						
PIPE SIZE	CONDITION					
	1	2	3	4	5	6
6"	5.0	7.0	4.0	5.0	3.5 EACH	3.5 EACH
8"	8.5	12.0	6.5	8.5	6.0 EACH	6.0 EACH
10"	13.0	18.5	10.0	13.0	9.0 EACH	9.0 EACH
12"	18.5	26.0	14.0	18.5	13.0 EACH	13.0 EACH

BASED ON 1500 P.S.F., 200 P.S.I. TEST PROCEDURE

**NOTES:**

1. SIZE THRUST BLOCK ACCORDING TO THE LARGEST OUTLET DIAMETER ON TEE OR CROSS.
2. ALL THRUST BLOCK BEARING FACES SHALL BE POURED AGAINST UNDISTURBED SOIL OR APPROVED COMPACTED MATERIAL.
3. SEE SPECIFICATIONS FOR CONCRETE REQUIREMENTS.



DATE	REVISION

**LAMONT PUBLIC UTILITY DISTRICT**

**TYPICAL THRUST BLOCK DETAILS**

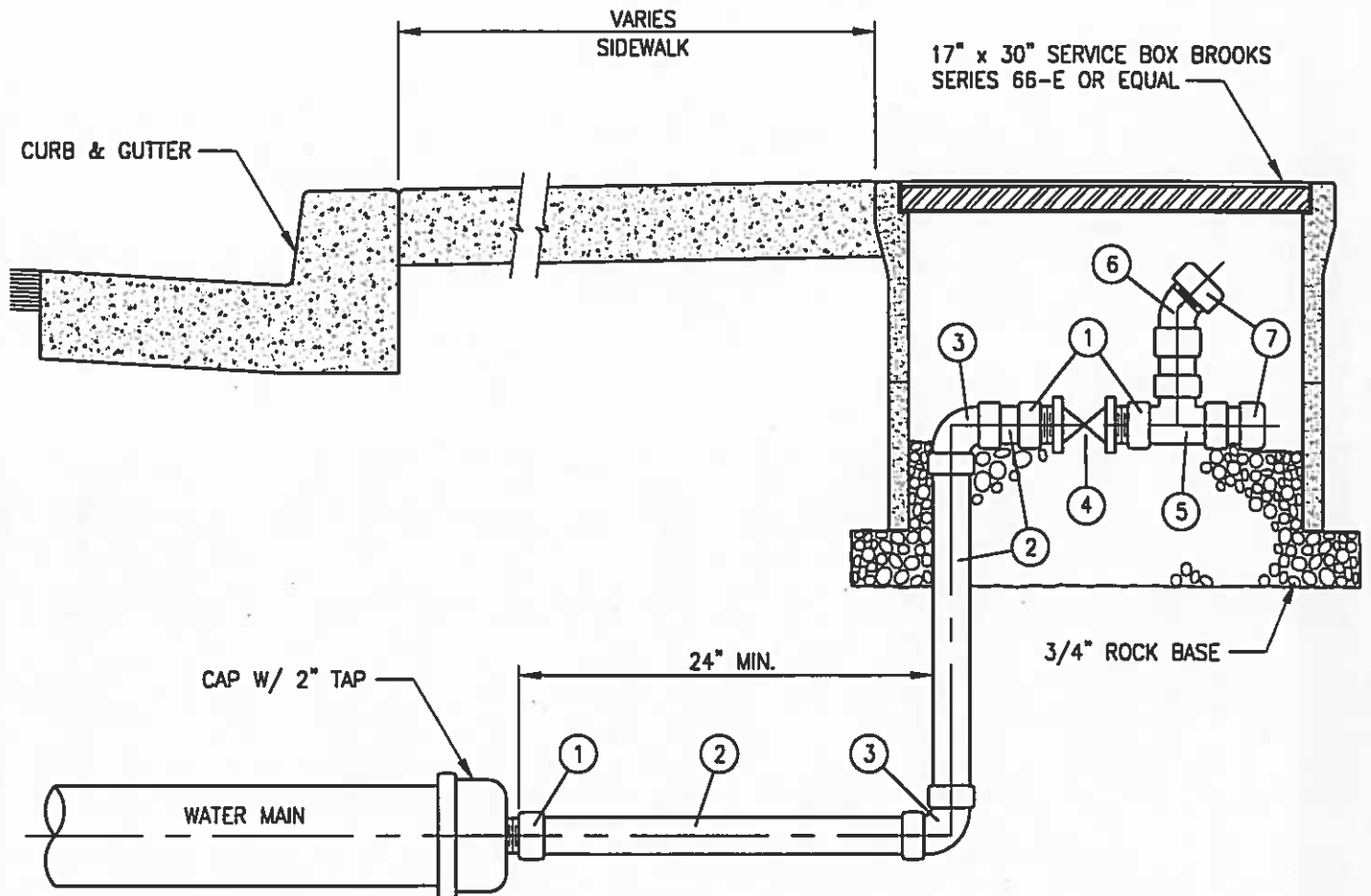
**BOYLE ENGINEERING CORPORATION**

DATE DRAWN

SHEET NO.

8/98

W-9



**MATERIAL LIST:**

- ① 2" PVC ADAPTER
- ② 2" PVC PIPE
- ③ 2" PVC ELBOW
- ④ 2" BRONZE GATE VALVE
- ⑤ 2" PVC TEE
- ⑥ 2" 45° STREET ELL
- ⑦ 2" PVC THREADED CAP

**NOTE:**

ALL PVC PIPE AND FITTINGS SHALL BE SCHEDULE 80

		<b>LAMONT PUBLIC UTILITY DISTRICT</b>	
		<b>BLOWOFF ASSEMBLY</b>	
		<i>BOYLE ENGINEERING CORPORATION</i>	DATE DRAWN <b>8/98</b>
DATE	REVISION		SHEET NO. <b>W-10</b>