

## REIMBURSEMENT AGREEMENT

THIS AGREEMENT, made and entered into this 12th day of February, 2003, by and between the CITY OF LOVELAND, COLORADO, a municipal corporation, hereinafter called the "City" and City of Loveland Water Utilities hereinafter called the "Developer",

### WITNESETH

WHEREAS, the Developer finds it necessary and desirable to provide for the installation of certain water improvements ("Improvements") which are the subjects of this Agreement, which are known as 37<sup>th</sup> Street Waterline Extension; and

WHEREAS, the City has adopted the Water and Sewer Line Extension Policy ("Policy"), attached hereto as Exhibit A, which sets forth the City's policy concerning the extension of water and sewer facilities;

NOW THEREFORE, in consideration of the mutual covenants contained herein, it is agreed as follows:

#### 1. REFUNDING

It is agreed that the Developer shall have an opportunity to recoup from subsequent future development along the line of the Improvements a portion of the actual costs of the Improvements. The Improvements are shown on attached Exhibit B and described as:

- A. One thousand four hundred fifty linear feet (1,450 lf) of sixteen inch (16") PVC water line and all appurtenances.

For the purpose of providing an opportunity for reimbursement to the Developer, the City agrees, subject to the provisions contained in this Agreement, to collect certain sums of money as set forth herein, in addition to all other fees and sums collected by the City, from those persons who commence subsequent future development along the line of the Improvements as set forth in section 1.3.3.1 of the Policy.

The properties along the line of the Improvements, which are subject to this Agreement, are located in Section 1, Township 5 North and Range 69 West of the 6<sup>th</sup> P.M., in the City of Loveland, County of Larimer, State of Colorado and can be seen in Exhibit C.

Any portions, lots, or pieces of property that result from the splitting, subdividing or



**#121260**

SCOTT DOYLE, RECORDER, LARIMER COUNTY CO  
RCPTN# 2003-0031050 -03/12/2003 17:00:00  
PAGES - 21 FEE \$106.00 DOC \$0.00

✓ CITY OF LOVELAND  
CITY CLERK'S OFFICE  
500 E 3RD ST  
LOVELAND, CO 80537

2  
replating of any of the above described properties are subject to this Agreement.

At the time that a water service line or extension, which serves all or any of the above described properties, is installed, regardless of whether or not the service line or extension is connected to the Improvements, the City shall attempt to collect from the person(s) installing said water line or extension, the following described fee(s):

- a) a) The reimbursement for the 8" portion of the installed 16" water line is based upon costs for the installation of the 16" water line during the 37<sup>th</sup> Street Water Line Extension Project. The actual cost for the 16" water line is \$105,780.00. The cost for the 8" portion is \$45,853.00. These costs are based the information shown in Exhibit D, Tabulation of Bids. During the development of this project, the Developer identified two properties that could ultimately benefit from the construction of this water line. These properties are shown in Exhibit C, Conceptual Site Plan. The determination of eligible reimbursement costs is shown in Exhibit E. The allocation of the eligible reimbursement per property, obligated properties and the list of the current owners is shown in Exhibit F.
- b) The sum of money, as calculated above, shall be increased or decreased to reflect fluctuations in the construction cost index (20 city average) as published in the most recent issue of the Engineering News Record (ENR). The base cost index shall be the index in effect at the time the construction quote or bid is obtained: April 2001, ENR Index.
- c) The fee shall be collected by the City, and shall be payable to the Developer as reimbursement for the costs of installing the Improvements.
- d) The Developer shall be responsible for recording and paying for the costs for recording this Agreement with the Larimer County Clerk and Recorder.

**Summary of Exhibits:**

Exhibit A	City of Loveland Water and Sewer Line Extension Policy
Exhibit B	Construction Plan Extract
Exhibit C	Conceptual Site Plan
Exhibit D	Tabulation of Bids
Exhibit E	Determination of Reimbursement Costs
Exhibit F	Description of Obligated Properties, List of Current Property Owners and Allocation of Reimbursement Costs

4

2. **TERM, EFFECT AND INTEGRATION**

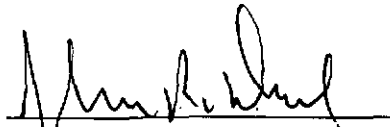
It is expressly understood and agreed that the terms of this Agreement shall be binding upon and inure to the benefit of the heirs, successors, representatives, and assigns of the parties hereto; and that the reimbursement provisions of this Agreement shall be in force and effect only for a period of twenty (20) years from the date the City accepted the Improvements, which in this case was on August 1, 2002 or until maximum reimbursement is made.

No assignment by the Developer of any rights under this Agreement shall be effective with respect to the City until written notification from the Developer of such assignment is received by the City's Water and Power Department Director

4  
This Agreement constitutes the entire Agreement of the parties, and may be altered, amended or revised only by written agreement of the parties hereto.

APPROVED AS TO FORM:

**THE CITY OF LOVELAND**  
A Municipal Corporation

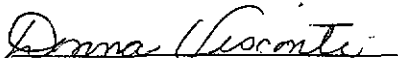
  
\_\_\_\_\_  
City Attorney

  
\_\_\_\_\_  
Water and Power Department Director

ATTEST:

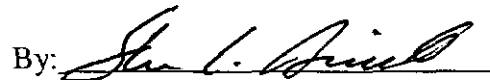


[SEAL]

  
\_\_\_\_\_  
City Clerk

**DEVELOPER:**

City of Loveland Water Utilities  
200 North Wilson Avenue  
Loveland, CO 80537

By: 

Title: WATER UTILITIES MGR.

ATTEST (if a corporation)

[SEAL]

\_\_\_\_\_  
Corporate Secretary

6

## **Exhibit A**

# **City of Loveland Water and Sewer Line Extension Policy**

## EXHIBIT "A"

### 1.3 WATER AND SEWER LINE EXTENSION POLICY

#### 1.3.1 Introduction

1.3.1.1 Statement of Purpose -- It is the purpose of this policy to provide a fair and equitable distribution of the costs of installing water and sewer lines to all the parties benefiting from their installation. This policy covers most cases, but a recognition is made that special cases may occur. When special cases do occur, deviations may be made from the specifics of the policy, provided the final arrangements maintain the fair and equitable intent. Such arrangements can be made through the mutual consent of the Director of the Water/Wastewater Department and the owner or developer of the property. Such arrangements shall be contained in a development agreement executed by the developer and the City.

#### 1.3.1.2 Definitions

- A. "City" means the City of Loveland, Colorado.
- B. "Developer" means the subdivision developer, parcel owner or any other party or parties who are having a water or sewer line installed within the City's service area.
- C. "Property" means the subdivision, parcel, lot, tract or any other described piece of land for which the water or sewer line is being installed.
- D. "Utility Director" means the Director of the City of Loveland Water/Wastewater Department.

#### 1.3.2 Line Installation Policy

1.3.2.1 In order to facilitate the orderly continuation of the City water distribution and sewage collection systems, water and sewer mains shall be installed to the furthest point or points of a property and within all rights-of-way if it is determined by the Water/Wastewater Department that those lines are needed to provide service to other properties beyond the subject property.

1.3.2.2 All mains which are necessary for the service to or within a property or as required in Section 1.3.2.1 shall be installed at the cost of the developer, except for the following conditions:

- A. If the line is installed along the side of the property the developer may be eligible for reimbursement of half of the cost of that line as provided in Section 1.3.3.
- B. Mains larger than those required to serve the property but required by the City shall be subject to the provisions of Section 1.3.4.

1.3.2.3 Prior to construction, plans and specifications for the water and sewer systems to be installed shall be reviewed and approved by the Water/Wastewater Department.

1.3.2.4 The developer shall be responsible for payment of the City's inspection costs. Such costs shall be in accordance with the schedule adopted by the Utility Director showing the cost for inspection by lineal footage of the water or sewer main to be inspected. Payment of such costs shall be made prior to issuance of any building permits.

1.3.2.5 Upon completion of the work and acceptance by the City the water distribution and sewage collection systems shall become the property of the City.

- A. The City shall own and maintain the water mains, water main appurtenances, fire hydrants, service lines to the meter pit or curb stop, the meter pit or vault and the meter and other appurtenances in the pit or vault. For fire service lines the City ownership ends at the valve on the main or the point of connection to the last domestic service off the line.
- B. The City shall own and maintain the sewer mains, manholes and regional sewage lift stations. The sewer services are owned and maintained to the sewer main by the property owners.

1.3.2.6 All workmanship and materials shall be warranted by the developer against any defects for a period of one year from the date of acceptance by the City. Any repair or reconstruction performed during such warranty period as a result of defects in material and/or workmanship shall be warranted for a period of one year from the acceptance of such repair or reconstruction by the City.

1.3.2.7 Areas which are served by private lines that were not constructed according to City approved plans and specifications shall have mains complying to the City standards installed and extended to serve the areas and the cost thereof shall be paid by the owners served, or assessed against the owners in accordance with applicable laws.

1.3.2.8 No mains shall be extended outside the Urban Growth Boundary, except as may be necessary to serve the property within the City or upgrade service to existing customers, without the express consent and approval of the City Council.

#### 1.3.3 Reimbursement Policy and Procedure

1.3.3.1 Reimbursement for Line Extensions Through Undeveloped Property -- A developer may find it necessary to install a water or sewer line

through undeveloped property to obtain service. Such person may request the establishment of a reimbursement agreement to recover a portion of the line installation costs from subsequent future development along the line.

- A. The establishment of a reimbursement agreement is optional and must be requested by the developer prior to construction of the line.
- B. The developer shall obtain three independent written quotes or bids for the line. The lowest bid shall be the reimbursable amount, regardless of whether the low bidder performs the work or not. The quotes or bids shall be obtained for doing the work in a reasonable but not an accelerated time period.
- C. The reimbursable amount shall be increased or decreased to reflect fluctuations in the "Engineering News Record" construction cost index (20 city average). The date of the construction quote or bid shall establish the initial index value.
- D. The reimbursement agreement shall expire after a period of twenty (20) years from the acceptance of the line.
- E. Reimbursement payments shall be due and payable prior to the installation of any service or line extension to the undeveloped parcel, regardless of whether or not the service or line extension is connected to the line eligible for reimbursement.
- F. If the line is installed through or adjacent to more than one property, the future developers shall pay for their proportional share based on the footage of line through or adjacent to their property.
- G. If the line is installed in a right-of-way or in an easement along a property line between two parcels, the developer on each side shall pay fifty percent of the reimbursement amount.

**1.3.3.2 Reimbursement for Installation of Lines in Adjacent Right-of-Way --** A developer may be required under Section 1.3.2.1 to install a water or sewer main in a right-of-way adjacent to the property being developed. Such person may request the establishment of a reimbursement agreement to recover fifty percent of the line installation costs from the future developer of the adjacent property. The provisions of Section 1.3.3.1.A through 1.2.2.1.F shall apply.

**1.3.3.3 Reimbursement for Line Extensions Through Undevelopable Property --** A developer may find it necessary to install a line through an area that cannot be developed to obtain service. The developer may be eligible to establish a reimbursement agreement in the following cases:

- A. If the line is a sewer main that will provide service to other properties adjacent to or upstream of the existing development, the developer may recover a portion of the construction costs from the other property owner. The cost distribution shall be in proportion to the gross developable acreage of all tributary properties, as determined by the developer's engineer and approved by the City.
- B. If the line is a water main, the developer may recover a portion of the construction costs through one of the two following methods.
  - 1. If the water line will serve an identifiable service area, the developer may recover a portion of the construction costs from the developers of the other properties in the service area. The cost distribution will be in proportion to the gross developable acreage of all the properties in the service area, as determined by the developer's engineer and approved by the City.
  - 2. If the water line will be required as part of the grid of the City's water distribution system, the cost of the line may be paid for by the City, contingent on fund availability. The City's participation will be administered under the procedures of Section 1.3.4.
- C. The provisions of this section shall be applicable in cases where the line will be installed through or adjacent to properties that are served or committed to be served by other water or sewer districts.

**1.3.3.4 Reimbursement for Line Extension Through Previously Developed Areas --** A developer may find it necessary to replace an existing undersized or otherwise inadequate line to obtain service. The developer may be eligible to establish a reimbursement agreement in the following cases:

- A. If a property adjacent to the replacement line had a tap on the original undersized line and is later subdivided the developer of this second property shall reimburse the original developer an amount determined as follows:  
$$L \times C \times (N-T) \times 50\%$$

where: L = Length of frontage  
C = Cost per foot of the line  
N = Number of lots in the new development  
T = Number of taps on the original line

To be eligible for such reimbursement the developer must establish a reimbursement agreement as provided in Section 1.3.3.1.A through 1.3.3.1.F.
- B. If the line to be replaced is in such a condition or configuration that it would in the opinion of the Water/Wastewater Department be eligible for replacement, the City may pay the portion of the cost that it would incur to replace or upgrade the line, subject to fund availability. Such City participation shall be administered in accordance with Section 1.3.4.

- 8.
- 1.3.3.5 **Reimbursement for Major Structures** -- A developer may find it necessary to install a major structure to obtain water or sewer service. The developer may be eligible to establish a reimbursement agreement.
- A. A reimbursement agreement may be established if the major structure is a component of the water distribution or sewage collection system that will bring direct benefits to an identifiable area. Examples are:
    - 1. Sewage lift stations
    - 2. Water booster pump stations
    - 3. River or highway crossings
  - B. Costs shall be distributed in proportion to the developable area being served, as determined by the developer's engineer and approved by the City.
  - C. To be eligible for reimbursement, the developer shall establish a reimbursement agreement as provided in Section 1.3.3.1.A through 1.3.3.1.E.
- 1.3.4 **Line Oversizing Policy**
- 1.3.4.1 **General** -- The purpose of the line oversizing policy is to enable a developer to install an oversized water or sewer line with no expense to that developer beyond what is required for their development or to receive repayment for those extra expenses. The "oversized" portion is the difference between the line size required by the property and the line size required by the City to meet future growth demands. The developer is required to bear the full costs for installing all water and sewer lines up to 8" in diameter, or larger if required to serve the development.
- 1.3.4.2 **Line Sizing** -- The actual size of water or sewer line required shall be determined by the City. Criteria to be used for this determination shall include, but shall not be limited to the following:
- A. Utility Master Plan requirements.
  - B. Potential future demand on the water or sewer system as related to the proposed development.
  - C. Hydraulic design criteria of the water or sewer system.
- 1.3.4.3 **City Participation in Oversizing Project** -- The City may require a developer to install an oversized water or sewer line. If an oversized line is required, the City will participate in the project cost.
- A. If the City has funds available in its oversizing budget and the City's participation is less than \$5000.00, the City will pay its portion to the developer on completion of the project and receipt of the final cost summary.
  - B. If the City has funds available in its oversizing budget and the City's participation is greater than \$5000.00, the City will make interim payments based on partial pay estimates for work completed and cost summaries from the developer's project manager or engineer.
  - C. If the City does not have funds available in its oversizing budget to participate in the project at the time of construction, the City will reimburse the developer for the cost of the line over a period not to exceed ten years at a rate of eight percent (8%) per annum. An agreement shall be executed by the City and the developer detailing the terms of the reimbursement, to be established at that time.
- 1.3.4.4 **Initial Oversizing Not Required** -- If the City determines that a line in a certain location will need to be oversized at some point in the future but elects not to require oversizing of the line at the time of initial construction, the developer may elect to either install the size of line needed for the development or install the oversized line.
- A. If the oversized line is not installed the developer will not be eligible for any reimbursements for that line. Any reimbursements that would normally be eligible under the provisions of Section 1.3.3 shall accrue to the City for construction of the oversized line.
  - B. If the oversized line is installed the developer will be eligible for certain construction cost reimbursements and for future oversizing participation by the City.
    - 1. The developer will be eligible for reimbursements as provided in Section 1.3.3 for the 8" portion of the oversized line.
    - 2. The City will pay for the oversized portion of the line when it is determined by the City that the line, or a portion thereof, is needed for the service area. A construction cost estimate will be made at that time to determine the amount to be paid by the City.
- 1.3.4.5 **Determination of Eligible Project Costs**
- A. The costs of the materials and installation of an oversized line shall be shared between the City and the developer in accordance with the following tables.



9

PERCENTAGE PAID BY THE CITY FOR OVERSIZED WATER LINES										
		Size of Water Line Installed								
		8"	10"	12"	14"	16"	18"	20"	24"	30"
Size of Water Line Needed	8"	0	30	48	62	70	76	80	84	88
	10"		0	27	46	59	66	71	77	82
	12"			0	25	44	54	61	69	76

PERCENTAGE PAID BY THE CITY FOR OVERSIZED SEWER LINES										
		Size of Water Line Installed								
		8"	10"	12"	15"	18"	21"	24"	27"	30"
Size of Sewer Line Needed	8"	0	16	30	49	63	71	78	81	83
	10"		0	18	37	54	66	72	77	79
	12"			0	24	45	59	68	73	76

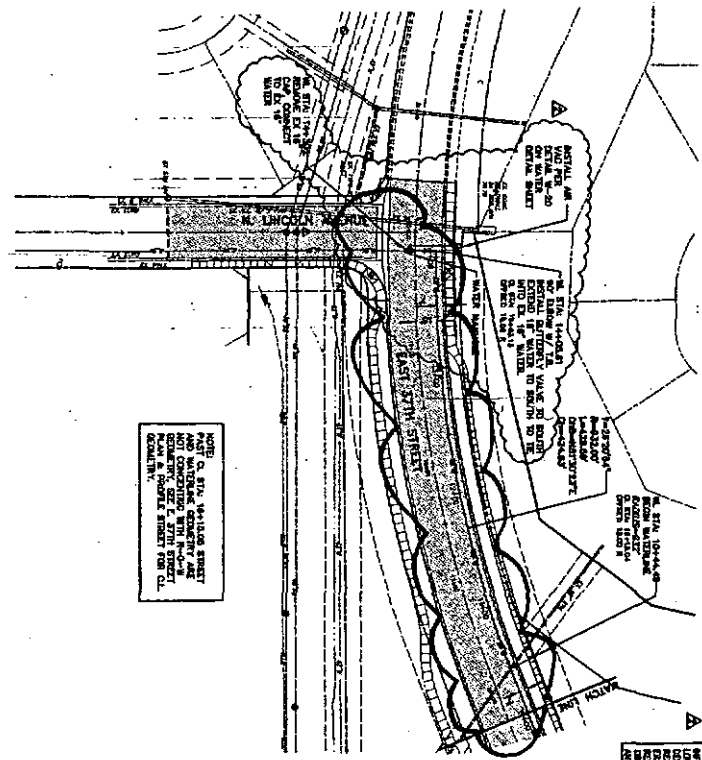
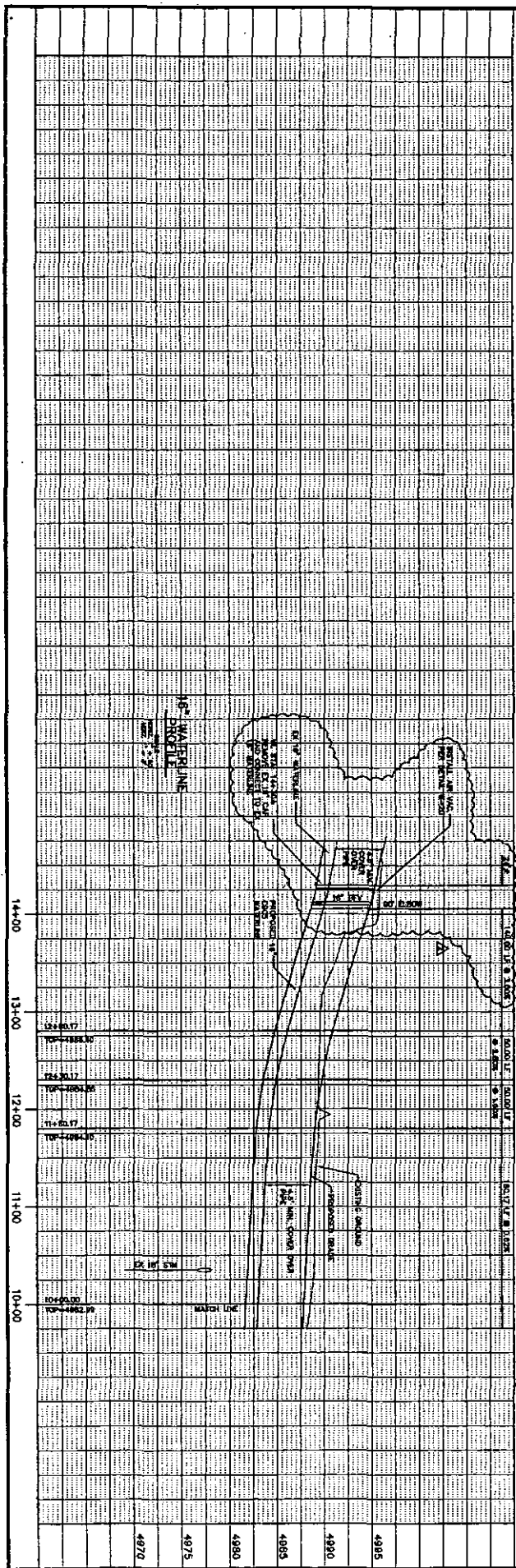
- B. Only those components of the water or sewer line project that are oversized shall be included for oversizing participation. Eligible costs include those costs to furnish and install the oversized pipe, fittings, valves and service saddles. The costs for design, service lines, manholes, surface repairs and connected lines and appurtenances are not eligible. Sewer manholes will be included if larger than a 4-foot diameter manhole is needed because of the sewer line size.
- C. Construction Quotes -- If the City participation is estimated to be \$5000.00 or less, the developer shall obtain a minimum of three written quotes from qualified contractors for construction of the oversized line. The quotations shall be based on construction of the line in a reasonable but not an accelerated time period. The City and the developer shall agree on a reasonable time frame to be included in the request for quotations. The lowest quote shall be the basis for determining eligible costs. If the City's portion is greater than \$5000.00, the developer may either accept \$5000.00 as the maximum compensation or have a public, competitive bid.
- D. Competitive Bids -- If the City's participation is estimated to be greater than \$5000.00, the developer shall obtain competitive bids for the construction of the oversized line, in accordance with the State laws and City procedures for capital projects. The bids shall be based on construction of the line in a reasonable but not an accelerated time period. The City and the developer shall agree on a reasonable time frame to be included in the request for quotations. The City and the developer have the right to reject any and all bids, for cause.
- E. Determination of Final Cost -- The developer's engineer shall submit to the City a summary of the final eligible project costs. The final costs shall be based on the actual quantities installed and the prices from the lowest quote or bid received for the project.

1.3.4.6 **Water and Sewer Development Agreement** -- If the City agrees to participate in an oversizing project with the developer and shall prepare a Water and Sewer Development Agreement which will include:

- A. An estimate of the oversized line project costs, prepared by a Professional Engineer. Itemization of the cost estimate shall be attached to the agreement.
- B. Distribution of project costs between the City and the developer.
- C. Time schedule or phasing plan(s) which the developer agrees to comply with.
- D. Any reimbursement agreements between the developer and future developers along the oversized line.
- E. The Water and Sewer Development Agreement shall be reviewed and signed by the Utility Director, the City Attorney, and the land owner(s).

10

**Exhibit B**  
**Construction Plan Extract**



NOTE: THE 16\"/>

THIS DRAWING IS THE PROPERTY OF LANDMARK ENGINEERING, ARCHITECTS, PLANNERS & SURVEYORS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE OR REPRODUCTION OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF LANDMARK ENGINEERING, ARCHITECTS, PLANNERS & SURVEYORS IS STRICTLY PROHIBITED. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AGENCIES. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AGENCIES.

CLIENT: CITY OF LOVELAND

TITLE: E. 37TH STREET REALIGNMENT & DEVELOPMENT PLANS

16" WATERLINE PLAN & PROFILE

DATE: 08/20/2008

SCALE: AS SHOWN

DRAWN: JAS

CHECKED: JAL

APPROVED: JAL

PROJECT NO: 080208-004

SHEET: 16 OF 22

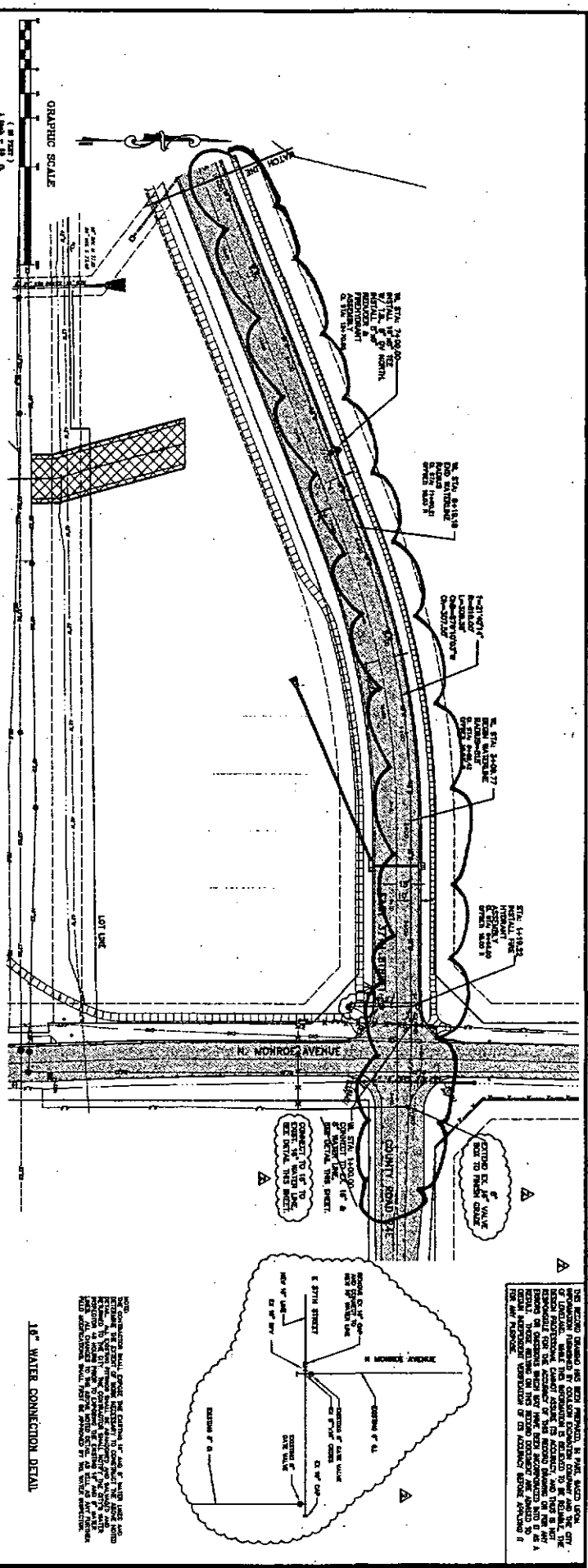
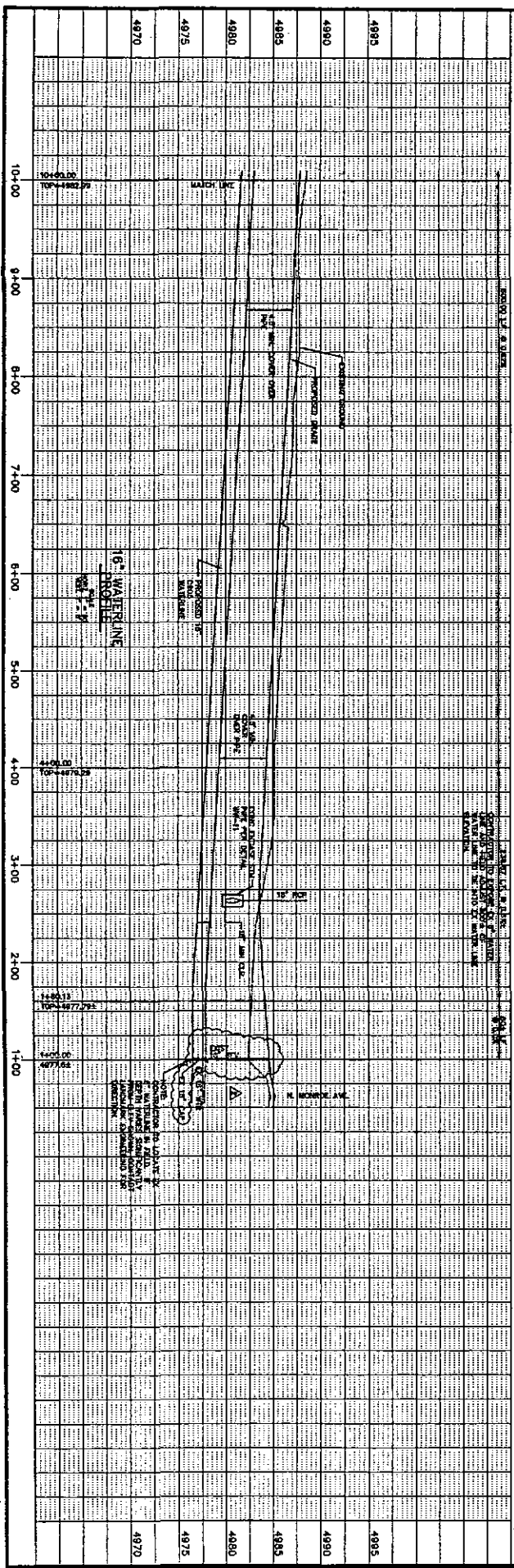
**Landmark ENGINEERING, ARCHITECTS, PLANNERS & SURVEYORS**

3021 West Eisenhower Blvd., Loveland, Colorado 80537

(970) 697-6296 Denver (303) 828-7124 Fax (970) 697-6296

REVISIONS		By	Date
1	RECORD DRAWINGS	RAM	8-1-08

12



THESE RECORDS BEARING AND WITH PERMISSION, IN PART, MIGHT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH THEY WERE PREPARED. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE RECORD DRAWING OR THE DATA THEREON. THESE RECORDS ARE NOT TO BE USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER.

THIS CONNECTION SHALL BE MADE TO THE EXISTING 16" AND 8" WATER MAINS AND SHALL BE MADE TO THE EXISTING 16" WATER MAIN. THE CONNECTION SHALL BE MADE TO THE EXISTING 16" WATER MAIN. THE CONNECTION SHALL BE MADE TO THE EXISTING 16" WATER MAIN.

16" WATER CONNECTION DETAIL

DATE: 08/05/04  
 SHEET: 15 OF 22

CLIENT: CITY OF LOVELAND  
 PROJECT: 37TH STREET REALIGNMENT & DEVELOPMENT PLANS  
 TITLE: 16" WATERLINE PLAN & PROFILE

DATE: 08/05/04  
 DRAWN BY: JMM  
 CHECKED BY: JMM  
 APPROVED BY: JMM

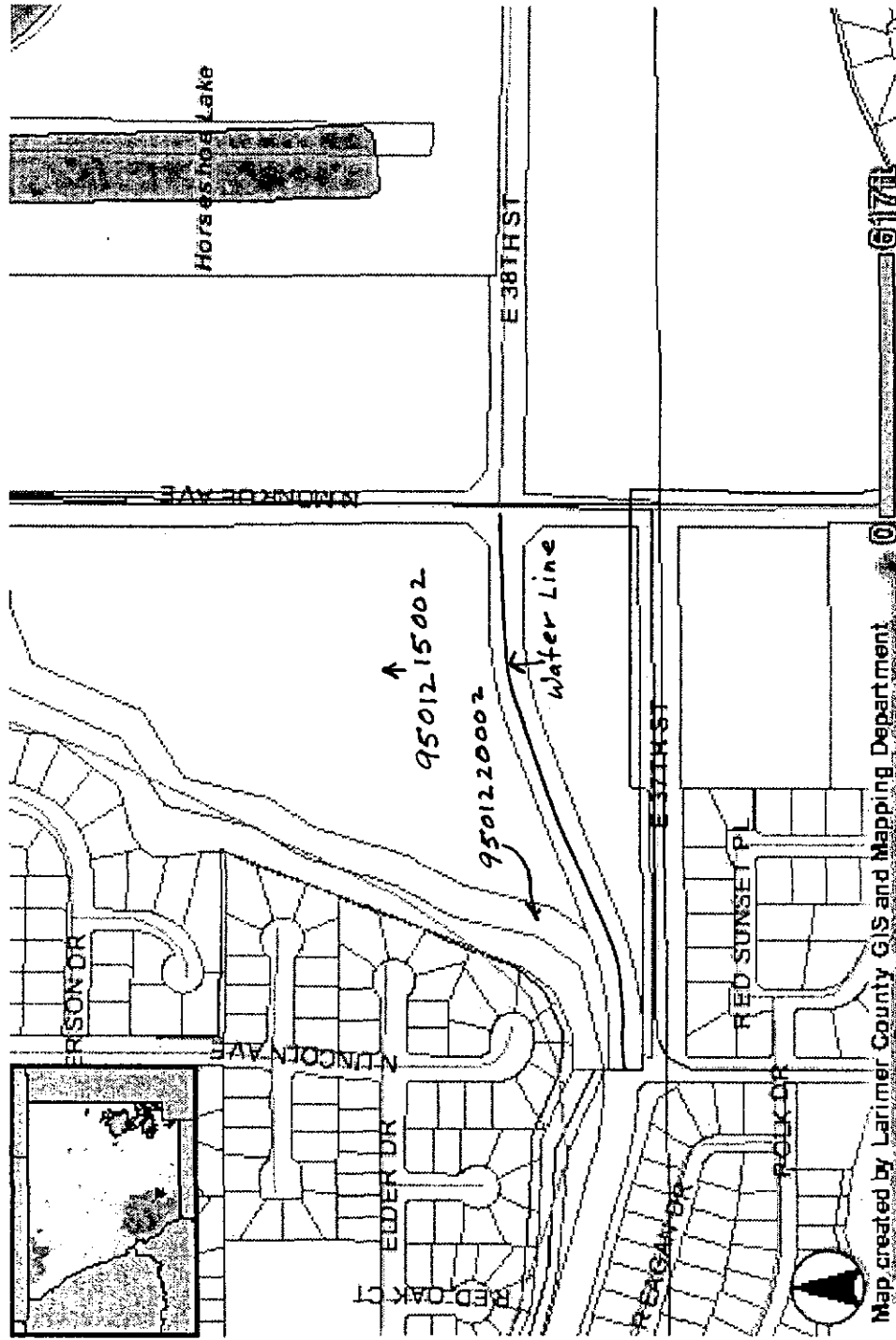
**Landmark ENGINEERING L.P.**  
 ENGINEERS/ARCHITECTS/PLANNERS/SURVEYORS  
 3321 West Dendemon Blvd., Loveland, Colorado 80537  
 (970) 667-6286 Office (970) 622-7124 Fax (970) 667-6286

REVISIONS	BY	DATE
1. WATER LINE CHANGES	JMM	8-1-04
2. RECORD DRAWING	JMM	8-1-04

13

**Exhibit C**  
**Conceptual Site Plan**

14



15

**Exhibit D**  
**Tabulation of Bids**

BID OPENING: 4/28/01  
 OPENING TIME: 10:30 AM

CITY OF LOVELAND PWENGINEERING  
 TABULATION OF BIDS

PROJECT NO. 99-5, E. 37th Street Realignment

DATE: 04/28/01  
 PAGE: 1  
 CONTRACT TIME: 78 Calendar Days

CONSISTING OF REALIGNMENT OF EAST 37TH ST. AND OVERLAY OF 600' OF MONROE AVE., HOT BITUMINOUS PAVEMENT, SIDEWALK, CURB AND GUTTER, RAISED MEDIANS, STORM SEWER, 18" WATER LINE, SIGNING, STRIPING, TOPSOIL STOCKPILING AND MULCHING.

RANK		VENDOR NAME	TOTAL		% OF	
		ENGINEER'S ESTIMATE	BID	LOW BID	EST.	
0		\$522,811.50	95.150%	100.000%		
1	Coulson Excavating Company	\$548,458.50	100.000%	105.087%		
2			0.000%	0.000%		
3			0.000%	0.000%		
4			0.000%	0.000%		
5			0.000%	0.000%		

ITEM CODE	ITEM DESCRIPTION	QUANTITY	(0) -EST- ENGINEER'S ESTIMATE		(1) Coulson Excavating Company		(2)	
			UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
0005	Clearing And Grubbing	1.00 LS	\$7,000.00	\$7,000.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00
0010	Removal Of Structure	3.00 EACH	\$500.00	\$1,500.00	\$500.00	\$1,500.00	\$0.00	\$0.00
0015	Removal Of Tree	4.00 EACH	\$450.00	\$1,800.00	\$300.00	\$1,200.00	\$600.00	\$600.00
0020	Salvage Pipe	42.00 LF	\$20.00	\$840.00	\$10.00	\$420.00	\$420.00	\$420.00
0025	Removal Of Sidewalk	280.00 SF	\$0.75	\$195.00	\$10.00	\$2,800.00	(\$2,405.00)	(\$2,405.00)
0030	Removal Of Curb And Gutter	85.00 LF	\$1.50	\$127.50	\$10.00	\$850.00	(\$552.50)	(\$552.50)
0035	Removal Of Pavement Marking	50.00 SF	\$5.00	\$250.00	\$10.00	\$500.00	(\$250.00)	(\$250.00)
0040	Clean Culvert	1.00 EACH	\$1,000.00	\$1,000.00	\$200.00	\$200.00	\$800.00	\$800.00
0045	Removal / Salvage Of Ground Sign and Delineators	8.00 EACH	\$25.00	\$200.00	\$55.00	\$440.00	(\$240.00)	(\$240.00)
0050	Removal Of Fence (Barbed Wire)	350.00 LF	\$1.25	\$437.50	\$1.00	\$350.00	\$87.50	\$87.50
0055	Removal Of Fence (Chain Link Backstop)	200.00 LF	\$10.00	\$2,000.00	\$5.00	\$1,000.00	\$1,000.00	\$1,000.00
0060	Plug Pipe / Pipe Opening	1.00 EACH	\$500.00	\$500.00	\$300.00	\$300.00	\$200.00	\$200.00
0065	Removal Of Debris (Dirt and Yard Waste)	1,500.00 CY	\$2.25	\$3,375.00	\$2.00	\$3,000.00	\$375.00	\$375.00
0070	Unclassified Excavation (Complete In Place)	39,000.00 CY	\$1.50	\$58,500.00	\$2.00	\$78,000.00	(\$19,500.00)	(\$19,500.00)
0075	Structure Backfill (Flow Fill, Utility Sleeve Trench)	20.00 CY	\$50.00	\$1,000.00	\$40.00	\$800.00	\$200.00	\$200.00
0080	Stockpile Topsoil	8,400.00 CY	\$1.00	\$8,400.00	\$1.00	\$8,400.00	\$0.00	\$0.00
0085	Topsoil (Complete In Place)	375.00 CY	\$5.00	\$1,875.00	\$1.50	\$562.50	\$1,312.50	\$1,312.50
0090	Erosion Bales (Weed Free) (SBD)	75.00 EACH	\$14.00	\$1,050.00	\$5.00	\$375.00	\$675.00	\$675.00
0095	Silt Fence (SF)	2,860.00 LF	\$1.65	\$4,719.00	\$1.00	\$2,860.00	\$1,859.00	\$1,859.00
0100	Inlet Filter, Gravel Filter (CIP/TPP)	4.00 EACH	\$350.00	\$1,400.00	\$100.00	\$400.00	\$1,000.00	\$1,000.00
0105	Inlet Filter, Straw Bale (AIP)	2.00 EACH	\$500.00	\$1,000.00	\$200.00	\$400.00	\$600.00	\$600.00
0110	Vertical Tracking Pad (VTC)	2.00 EACH	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$0.00	\$0.00
0115	Reset Ground Sign	3.00 EACH	\$30.00	\$90.00	\$50.00	\$150.00	(\$120.00)	(\$120.00)
0120	Adjust Manhole	5.00 EACH	\$100.00	\$500.00	\$300.00	\$1,500.00	(\$1,000.00)	(\$1,000.00)
0125	Adjust Valve Box	3.00 EACH	\$50.00	\$150.00	\$150.00	\$450.00	(\$300.00)	(\$300.00)
0130	Hot Bituminous Pavement (Grading SG)(Asphalt)(96)(PG 6)	2,730.00 TON	\$30.00	\$81,900.00	\$26.90	\$73,437.00	\$8,463.00	\$8,463.00
0135	Hot Bituminous Pavement (Grading S)(Asphalt)(96)(PG 6)	2,500.00 TON	\$33.00	\$82,500.00	\$30.10	\$75,250.00	\$7,250.00	\$7,250.00
0140	Riprap	18.00 CY	\$50.00	\$900.00	\$75.00	\$1,350.00	(\$450.00)	(\$450.00)



Elect Dept 17

Water Dept

\$1,600.00

0145	514-00010	Pipe Hand Railing	130.00 LF	\$80.00	\$7,800.00	\$75.00	\$9,750.00	(\$1,950.00)
0155	603-01185	18 inch HDPE Extension, ADS N-12 (Complete in Place)	30.00 LF	\$30.00	\$900.00	\$30.00	\$900.00	\$0.00
0160	603-01186	18 inch Reinforced Concrete Pipe (Complete in Place)	113.00 LF	\$40.00	\$4,520.00	\$39.25	\$4,435.25	\$84.75
0165	603-01245	24 inch Reinforced Concrete Pipe (Complete in Place)	213.00 LF	\$44.00	\$9,372.00	\$46.25	\$9,851.25	(\$479.25)
0170	603-05018	18 inch HDPE End Section	1.00 EACH	\$150.00	\$150.00	\$200.00	\$200.00	(\$50.00)
0175	603-05024	24 inch Reinforced Concrete End Section	2.00 EACH	\$530.00	\$1,060.00	\$500.00	\$1,000.00	\$60.00
0180	604-13705	Inlet Type C (5 Foot) Close Mesh Grate	1.00 EACH	\$3,000.00	\$3,000.00	\$2,211.00	\$2,211.00	\$789.00
0185	604-13710	Inlet Type C (10 Foot) Close Mesh Grate, w/ Office	1.00 EACH	\$4,000.00	\$4,000.00	\$2,890.00	\$2,890.00	\$1,310.00
0190	604-19105	Inlet Type R L 10 (5 Foot)	1.00 EACH	\$2,200.00	\$2,200.00	\$2,630.00	\$2,630.00	(\$430.00)
0195	604-19205	Inlet Type R L 5 (5 Foot)	1.00 EACH	\$2,550.00	\$2,550.00	\$3,357.00	\$3,357.00	(\$807.00)
0200	604-30010	60 inch Manhole Slab Base (10 Foot)	1.00 EACH	\$1,825.00	\$1,825.00	\$3,000.00	\$3,000.00	(\$1,375.00)
0205	607-01000	Fence Barbed Wire With Metal Post, 4-Strand	350.00 LF	\$1.50	\$525.00	\$3.30	\$1,155.00	(\$630.00)
0210	607-11580	Barricade Fence (Temporary Tree Protection)	2.00 EACH	\$250.00	\$500.00	\$200.00	\$400.00	\$100.00
0215	607-52900	Line, End and Corner Post (Barbed Wire)	4.00 EACH	\$175.00	\$700.00	\$210.00	\$840.00	(\$140.00)
0220	608-00008	Concrete Sidewalk (6 Inch)	8,000.00 SF	\$2.80	\$22,400.00	\$2.85	\$21,200.00	\$1,200.00
0225	608-00007	Concrete Sidewalk (6 Inch) (Special)	1,040.00 SF	\$2.90	\$3,016.00	\$5.55	\$5,772.00	(\$2,756.00)
0230	608-00010	Concrete Curb Ramp (6 Inch)	650.00 SF	\$3.45	\$2,242.50	\$2.75	\$1,787.50	\$455.00
0235	608-21020	Curb And Gutter Type 2 (Section II-B)	3,290.00 LF	\$11.00	\$36,190.00	\$9.50	\$31,255.00	\$4,935.00
0240	608-24012	Concrete Spandrel and Type 2 Gutter, 8" Thick	1,030.00 SF	\$3.45	\$3,553.50	\$5.50	\$5,665.00	(\$2,111.50)
0245	612-00041	Delineator (Flexible) (Type I)	6.00 EACH	\$30.00	\$180.00	\$80.00	\$480.00	(\$300.00)
0250	614-00011	Sign Panel Class I and Sign Post (2 X 2 Inch Tubing)	17.00 EACH	\$100.00	\$1,700.00	\$300.00	\$5,100.00	(\$3,400.00)
0255	614-00220	Relocate Type III Barricade	1.00 EACH	\$300.00	\$300.00	\$440.00	\$440.00	(\$140.00)
0260	619-00985	8 inch C900 Plastic Water Pipe	25.00 LF	\$29.00	\$725.00	\$20.00	\$500.00	\$225.00
0265	619-00985	8" R/W (Gate Valve)	1.00 EACH	\$400.00	\$400.00	\$830.00	\$830.00	(\$430.00)
0270	619-51280	16 inch C905 Plastic Water Pipe	450.00 LF	\$32.00	\$14,400.00	\$45.00	\$65,250.00	(\$18,850.00)
0275	619-00985	16" X 18" Reducer	2.00 EACH	\$150.00	\$300.00	\$380.00	\$760.00	(\$460.00)
0280	619-71516	2 inch Air And Vacuum Valve and Vault	1.00 EACH	\$3,500.00	\$3,500.00	\$7,050.00	\$7,050.00	(\$3,550.00)
0285	619-78128	6 inch Butterfly Valve	5.00 EACH	\$2,700.00	\$13,500.00	\$2,020.00	\$10,100.00	\$3,400.00
0290	619-78042	6 1/4 inch Fire Hydrant Assembly	2.00 EACH	\$3,000.00	\$6,000.00	\$3,720.00	\$7,440.00	(\$1,440.00)
0295	619-00980	Water Line Connection Stations 1-00 and 1-4-04	4.00 EACH	\$500.00	\$2,000.00	\$2,000.00	\$8,000.00	(\$6,000.00)
0300	619-00985	16" X 15" 16" Tee	1.00 EACH	\$2,600.00	\$2,600.00	\$1,100.00	\$1,100.00	\$1,500.00
0305	619-00980	16" X 16" Cross	1.00 EACH	\$2,600.00	\$2,600.00	\$1,350.00	\$1,350.00	\$1,250.00
0310	620-00020	Sanitary Facility	1.00 EACH	\$880.00	\$880.00	\$800.00	\$800.00	\$80.00
0315	625-00010	Construction Surveying (Water Line Related)	1.00 LS	\$8,000.00	\$8,000.00	\$1,900.00	\$1,900.00	\$6,200.00
0320	625-00020	Construction Surveying	1.00 LS	\$15,000.00	\$15,000.00	\$12,500.00	\$12,500.00	\$2,500.00
0325	628-00030	Mobilization	1.00 LS	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	(\$5,000.00)
0330	628-01031	Survey Monument (Type 3A)	1.00 EACH	\$400.00	\$400.00	\$500.00	\$500.00	(\$100.00)
0335	629-01040	Survey Monument (Pin And Cap)	1.00 EACH	\$125.00	\$125.00	\$500.00	\$500.00	(\$375.00)
0340	630-10005	Construction Traffic Control	1.00 LS	\$10,000.00	\$10,000.00	\$14,000.00	\$14,000.00	(\$4,000.00)
0345	700-70010	F/A Minor Contract Revisions	1.00 F.A.	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$0.00
<b>CONTRACT TOTALS</b>					\$522,811.50	\$549,458.50	\$28,647.00	\$0.00

Water Department  
Power Department

\$105,780.00  
\$1,800.00

\$441,878.50

PW Engineering

18

**Exhibit E**  
**Determination of**  
**Reimbursement Costs**

19

**Exhibit E**  
Determination of Reimbursement Costs for the 37<sup>th</sup> Street Waterline Extension

These costs are derived by using the low bid from Coulson Excavating Company.

Item	Description	Quantity	Unit Cost	Extended Cost
1	8" PVC Water Line	25 LF	\$20.00	\$500.00
2	8" Gate Valve	1 Ea.	\$830.00	\$830.00
3	16" PVC Water Line	1,450 LF	\$45.00	\$65,250.00
4	16" x 8" Reducer	2 Ea.	\$380.00	\$760.00
5	2" Air-vacuum and Vault	1 Ea.	\$7,050.00	\$7,050.00
6	16" Butterfly Valve	5 Ea.	\$2,020.00	\$10,100.00
7	Fire Hydrant Assembly	2 Ea.	\$3,720.00	\$7,440.00
8	Water Line Connection	4 Ea.	\$2,000.00	\$8,000.00
9	16"x16"x16" Tee	1 Ea.	\$1,100.00	\$1,100.00
10	16"x16" Cross	1 Ea.	\$1,350.00	\$1,350.00
11	Construction Surveying	1 LS	\$1,800.00	\$1,800.00
12	Mobilization	1 LS	\$1,600.00	\$1,600.00
			Total Cost	\$105,780.00

Items 3, 4, 5, 6, 9 and 10 are eligible costs for oversizing an 8" water line to a 16" water line. These costs total \$85,610.00. As shown in Exhibit A, the City pays 70% of the eligible costs for oversizing an 8" water line to a 16" waterline, which in this case is \$59,927.00. Therefore the cost for the 8" portion of the installed water main is **\$45,853.00**. By dividing this amount by the lineal footage of pipe installed it is determined that the price per lineal foot (LF) for the 8" portion is \$31.62. Dividing this amount by 2 it is determined that the amount due for reimbursement is **\$15.81** per lineal foot (LF) of property along either side of the installed water line.

20

## **Exhibit F**

# **Description of Obligated Properties, List of Current Property Owners and Allocation of Reimbursement Costs**

50  
31

### Exhibit F

Description of Obligated Properties, List of Current Property Owners and allocation of the reimbursement costs to each property

As shown in Exhibit E the current amount due for reimbursement is \$15.81 per lineal foot (LF) of property along the installed water line

Parcel	Parcel ID	Parcel Location	Current Parcel Owner	Estimated LF of Property along 16" Water Line	Current Estimated Reimbursement Cost
1	9501215002	NW quarter of Section 1, Township 5 North and Range 69W of the 6 <sup>th</sup> PM, City of Loveland, County of Larimer and State of Colorado	Trenton, Norman B/Trustee 15250 Ventura Blvd 710 Sherman Oaks, CA 91403	980 LF	\$15,495.15
2	9501220002	NW quarter of Section 1, Township 5 North and Range 69W of the 6 <sup>th</sup> PM, City of Loveland, County of Larimer and State of Colorado	Trenton, Norman B/Trustee 15250 Ventura Blvd 710 Sherman Oaks, CA 91403	320 LF	\$5,059.20