



The  
University of Texas  
at  
Arlington

Office of Physical Plant  
P.O. Box 19228  
Arlington, Texas 76019

February 26, 1987

TO: J. D. Wetsel, Vice President Business Affairs

FROM: Donald A. Decker, Director Physical Plant

REF: Cooper Street Depression - Utilities

In the last meeting on February 19, 1987 the Cooper Street depression 50% completed plans were reviewed. Near the close of the meeting Mr. Don deBlank with Carter - Burgess Inc. said for all to understand that there were no campus line utility re-location included in the cost estimate for this project.

It is my opinion that a considerable amount of water (domestic, fire protection, and lawn irrigation) and natural gas lines will be affected. It is my recommendation that the funds be made available to cover this expense.

Attached is a red line drawing showing the lines affected and a copy of my estimate sheet showing a cost of \$201,650.00 for this work. This is all directly related to the Cooper Street depression.

John Kabala with the City of Arlington indicated they may be able to share some of this cost because of the need to serve fire plugs that will be re-located. The estimate does not consider this.

There is an unknown factor in this regard. A lot of water lines especially the older lines, were made from asbestos cement pipe. This estimate is based on abandoning in place the unused lines. The successful contractor on the "Depression" project will be removing some of the abandoned lines. If these lines are found to be asbestos cement there may be added cost to the University if it is not properly addressed in the specifications.

I trust this information will assist you in this matter.

DD/bb



Celebrating  
One Hundred and  
Fifty Years  
1836-1986

An Equal Opportunity/Affirmative Action Employer



# OFFICE of the PHYSICAL PLANNING

## COST ESTIMATE

date 2/25/87 description UTILITY LINE RE-LOCATION / COOPER ST. DEPRESSION  
 job no. \_\_\_\_\_ estimator D.A. DECKER

item no.	item description	quan	unit	material		labor		TOTAL
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
	10" CLASS 51 DUCTILE IRON	300	FT	9 <sup>83</sup>		SEE BELOW		2950
	8" " " "	2200	"	7 <sup>43</sup>		"		16350
	6" " " "	2000	"	5 <sup>45</sup>		"		10900
	FITTINGS & VALVES -	JOB	LOT -					10,000
	LABOR TO INSTALL ABOVE	(	9 <sup>00</sup> / FT PER JUNIOR.)					38,700
	BORE UNDER CONC WALKS & DRIVE	325'	8 <sup>1/4</sup> "			2600		2,600
	EXCAVATE & BACK FILL <small>INCLUDES ASPHALT</small>	4550'	5 <sup>00</sup> "					22,750
	CONC METEOR VULTS	2	1500		3000	600		3600
	THRUST BLOCKS	25	100		1250	1250		2500
	RE-LOCATE EXIST VULT FOR FIRE PROTECTION TO SCIENCE							2000
	GROUNDS MAINT & REPAIRS	AFTER	BACK FILLING					3000
	REPAIR RETAINING WALLS							2500
	<b>GAS</b>					CONTINGENCY		5000
	5" STD WT. COATED & WRAPPED	1000'	4 <sup>00</sup>					4000
	PTGS							1000
	LABOR							4000
	CUT STREET	1400	50 <sup>00</sup> / FT					700
	EXCAV & BACK FILL <small>+ REPAIR ASPHALT</small>	1400	4 <sup>00</sup> / FT					5600
	CAP EXIST LINES WHERE REQ'D							3000
	<b>SPRINKLER SYSTEM</b>							-
	RE-LOCATE SPRINKLER HEADS & PIPE & METERS AS REQ'D							15000
						COST		156,150
						15% OH		23,500
						10% PROFIT		18,000
	<del>TOTAL - all costs</del>					2% FEES (OFFICE)		4,000

TOTAL

\$ 201,650

WATER

WATER

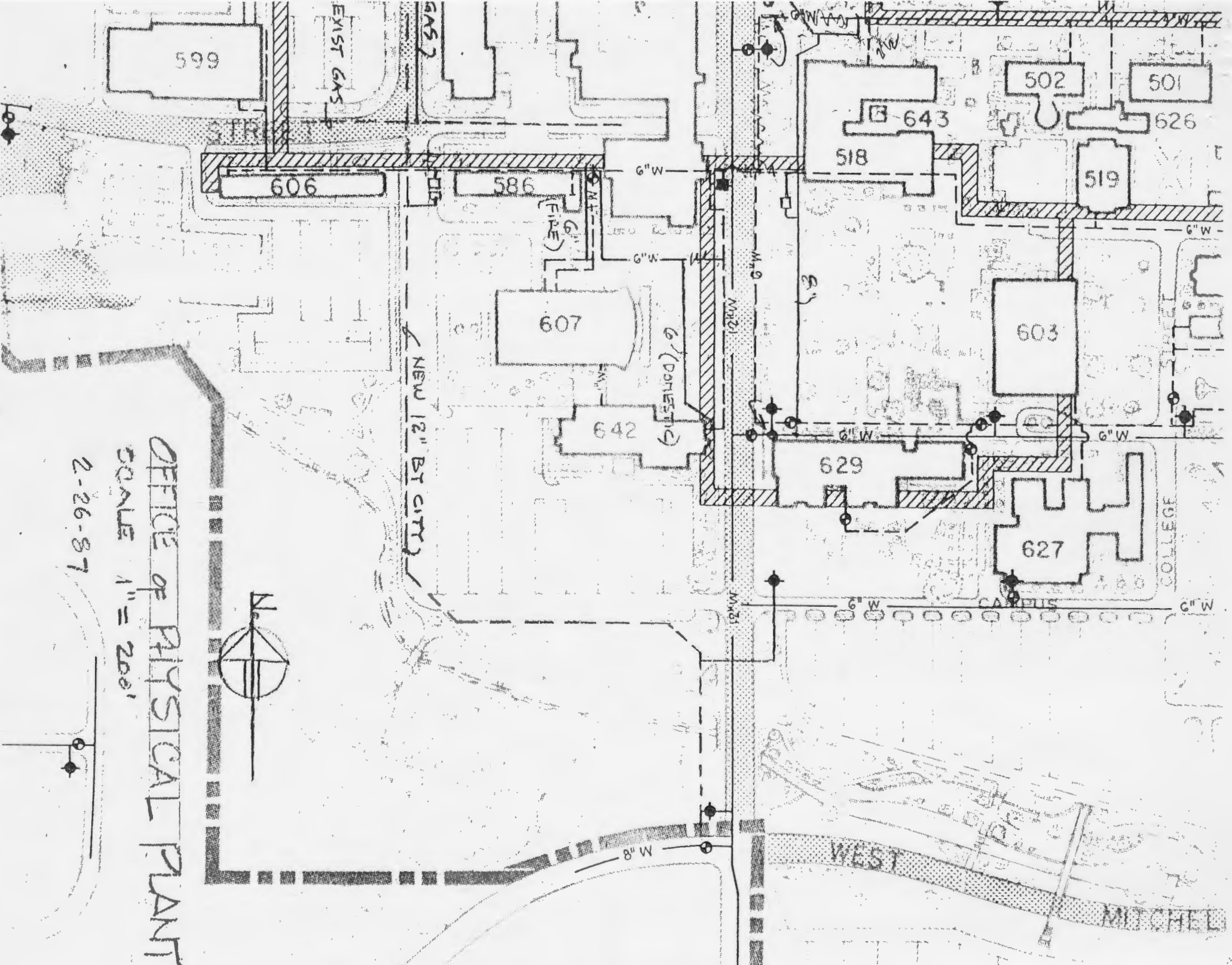
ROHAN Co  
351-6457

2/25/87

WATER MAIN UNIT PRICES

CLASS 51 DUCTILE IRON  
10" 9.83  
8" 7.43  
6" 5.43

CLASS 150 C-900 (BLUE BRUTE)  
10" 5.90  
8" 4.00  
6" 2.45



OFFICE OF PHYSICAL PLANT

SCALE 1" = 200'

2-26-87



NEW 12" BT CITY

EXIST GAS

GAS

(F.A.E.)

6" DOMESTIC

COLLEGE

CARROLL

WEST

MITCHELL

599

606

586

607

642

643

518

629

627

502

501

626

519

603

6"W

6"W

6"

6"W

6"W

6"W

6"W

M#8

M#9

M#2

M#3

STR

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

5000

5100

5200

5300

5400

5500

5600

5700

5800

5900

6000

6100

6200

6300

6400

6500

6600

6700

6800

6900

7000

7100

7200

7300

7400

7500

7600

7700

7800

7900

8000

8100

8200

8300

8400

8500

8600

8700

8800

8900

9000

9100

9200

9300

9400

9500

9600

9700

9800

9900

10000

WEST ABRAM

6" W

12" W

6" W

42" W

42" W

6" W

42" W

6" W

6" W

12" W

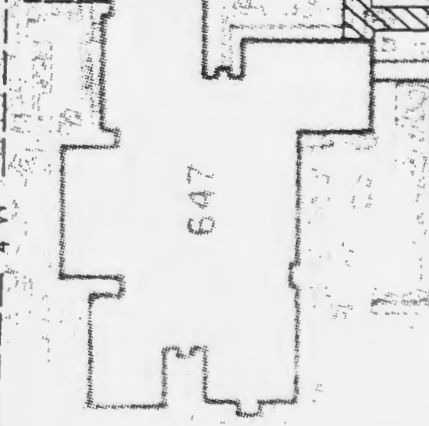
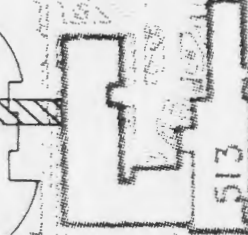
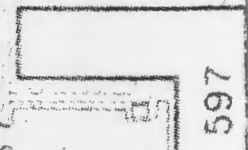
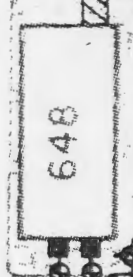
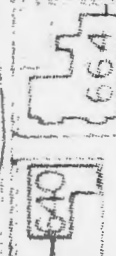
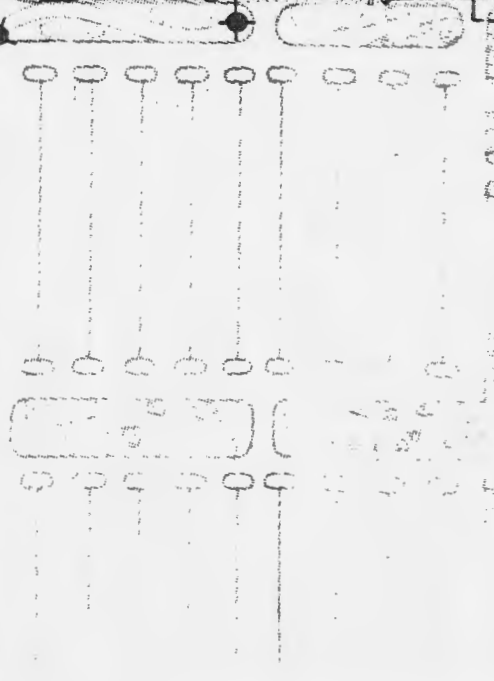
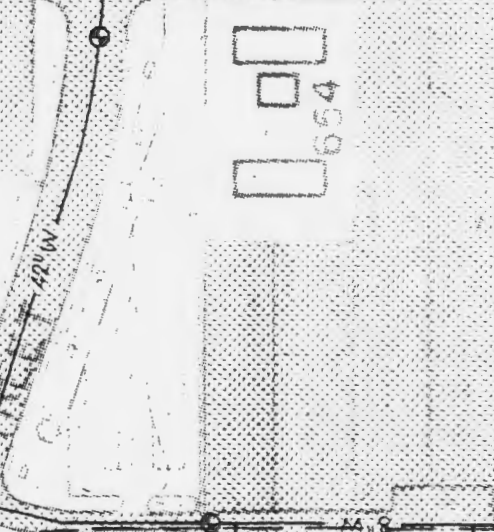
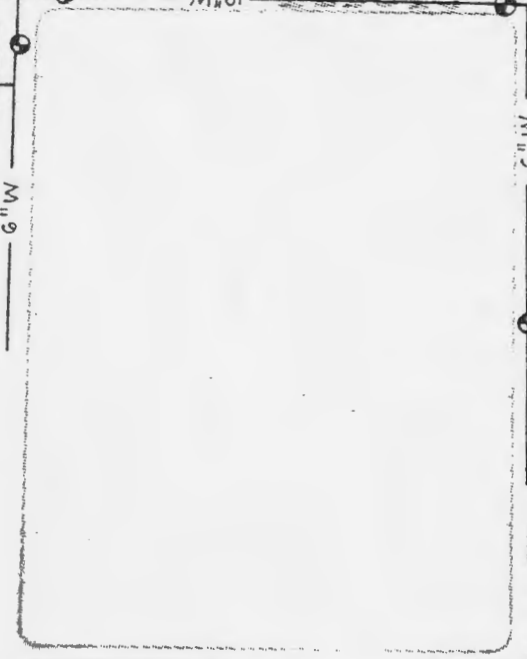
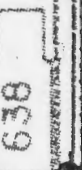
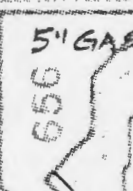
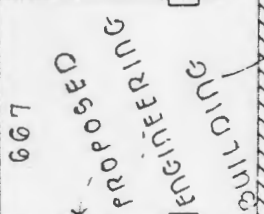
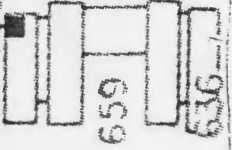
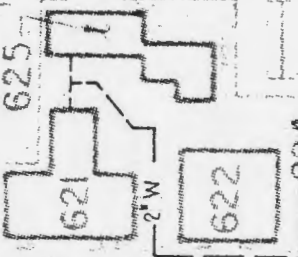
4" W

PROPOSED  
ENGINEERING  
BUILDING

6" FIRE

8" DOME

5" GAS



597

513

666

647

640

648

625

622

624

623

654

659

636

638

513

513

513