

1999 C STORE DRAINAGE - 5200.002





5-18-97 Storm Drain next to pole
@ C Store on Addison Rd. Vector
Sucking out water

Jim Pierce

From: Jim Pierce
Sent: Wednesday, October 20, 1999 4:17 PM
To: Dave Wilde
Cc: Keith Thompson; Michael Murphy; Robin Jones
Subject: "C" Store Drainage Fix

I have talked to Keith and asked him to schedule the work of installing the drainage "structure" at the C Store and he has agreed to do it. Please work with Keith and give direction in the field as you know what we want out there. Let me know if there are any questions. Thanks,

Jim Pierce, P.E.
Assistant City Engineer
PO Box 9010
Addison, TX 75001-9010
972-450-2879

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS

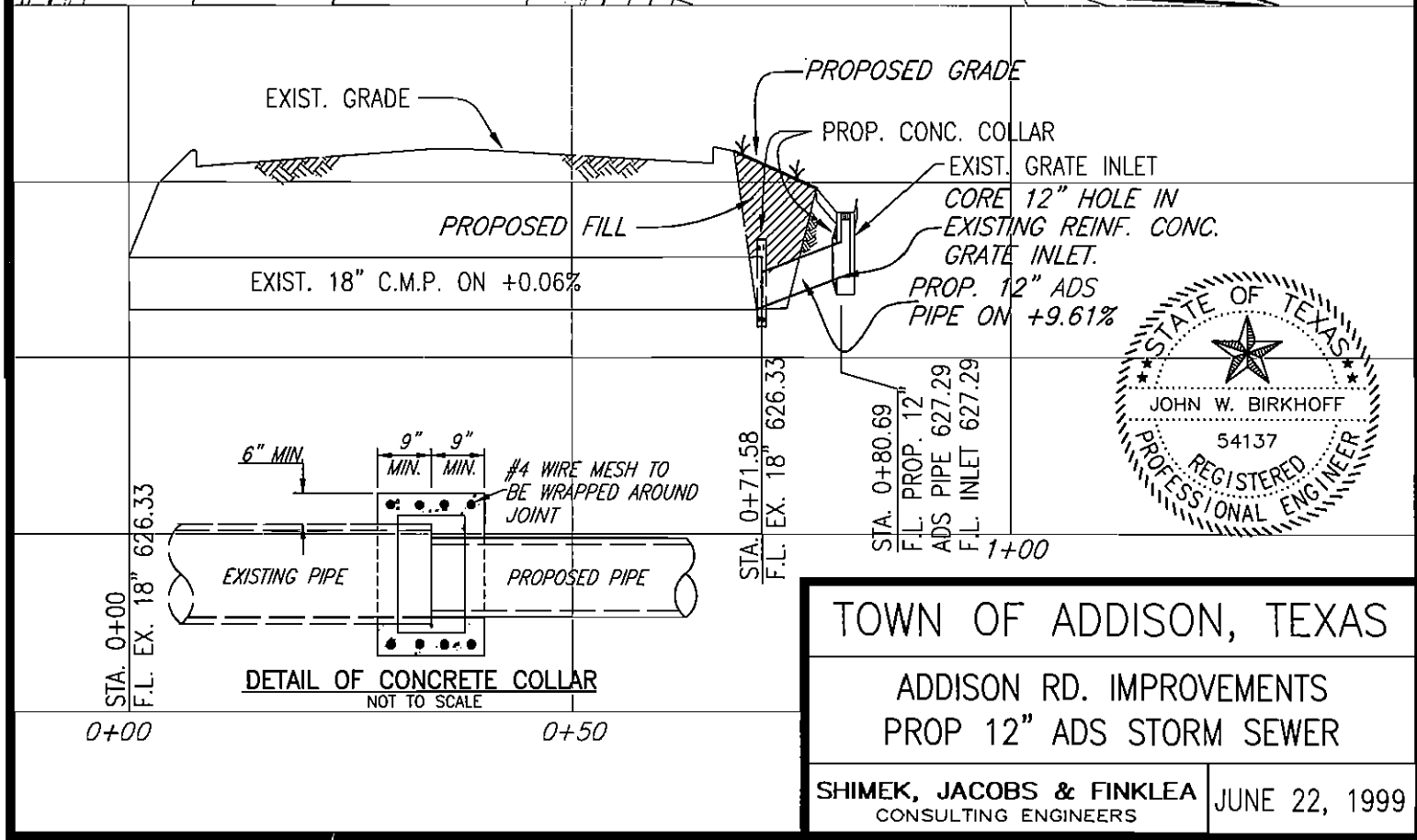
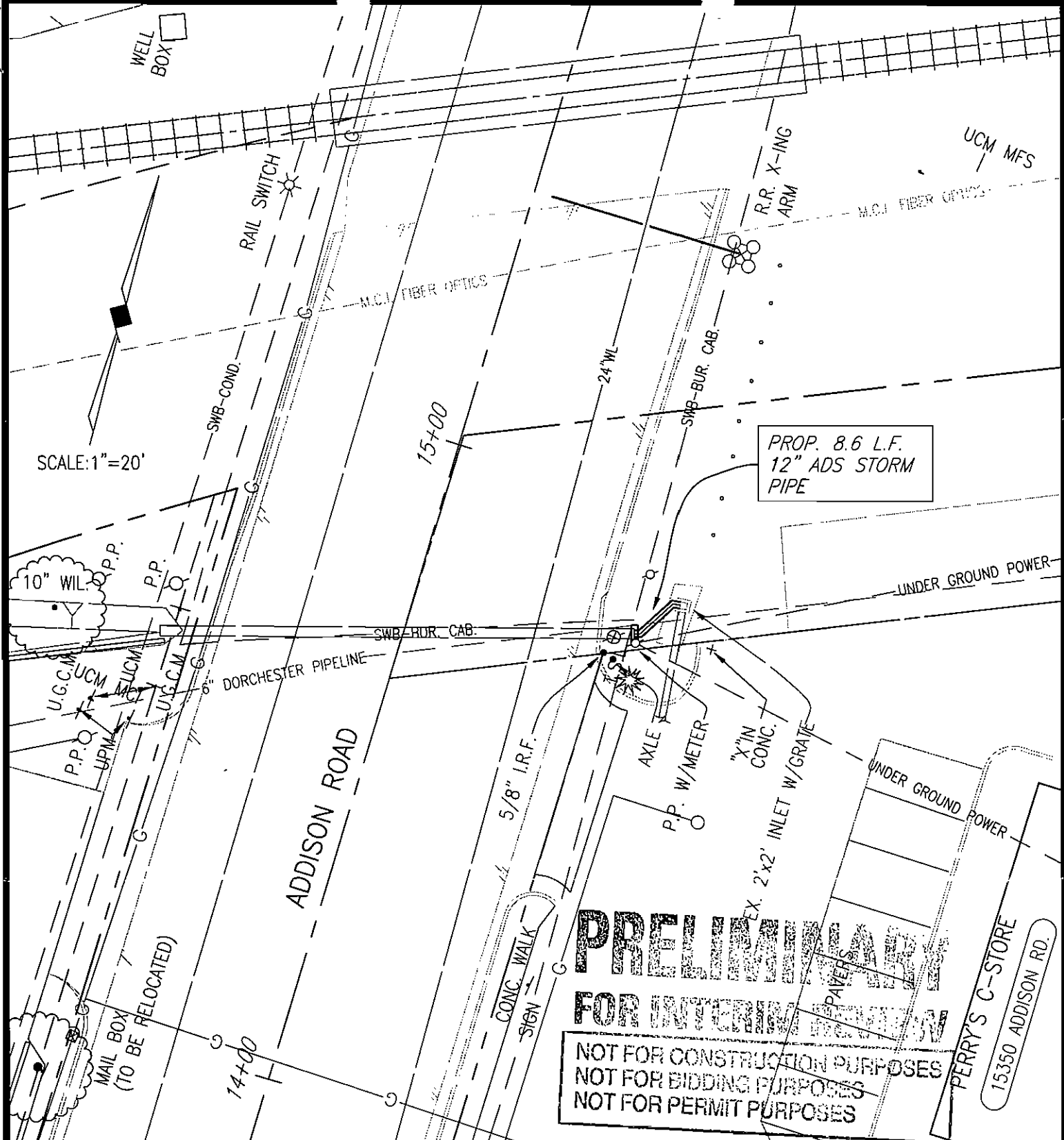
John W. Birkhoff, P.E.

6/23/99

Jim,

Attached is the plan profile of the
storm sewer at the "C" store
that includes the floor line
elevation of the 2' x 2' grate inlet

JB



SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS

John W. Birkhoff, P.E.

6/22/99

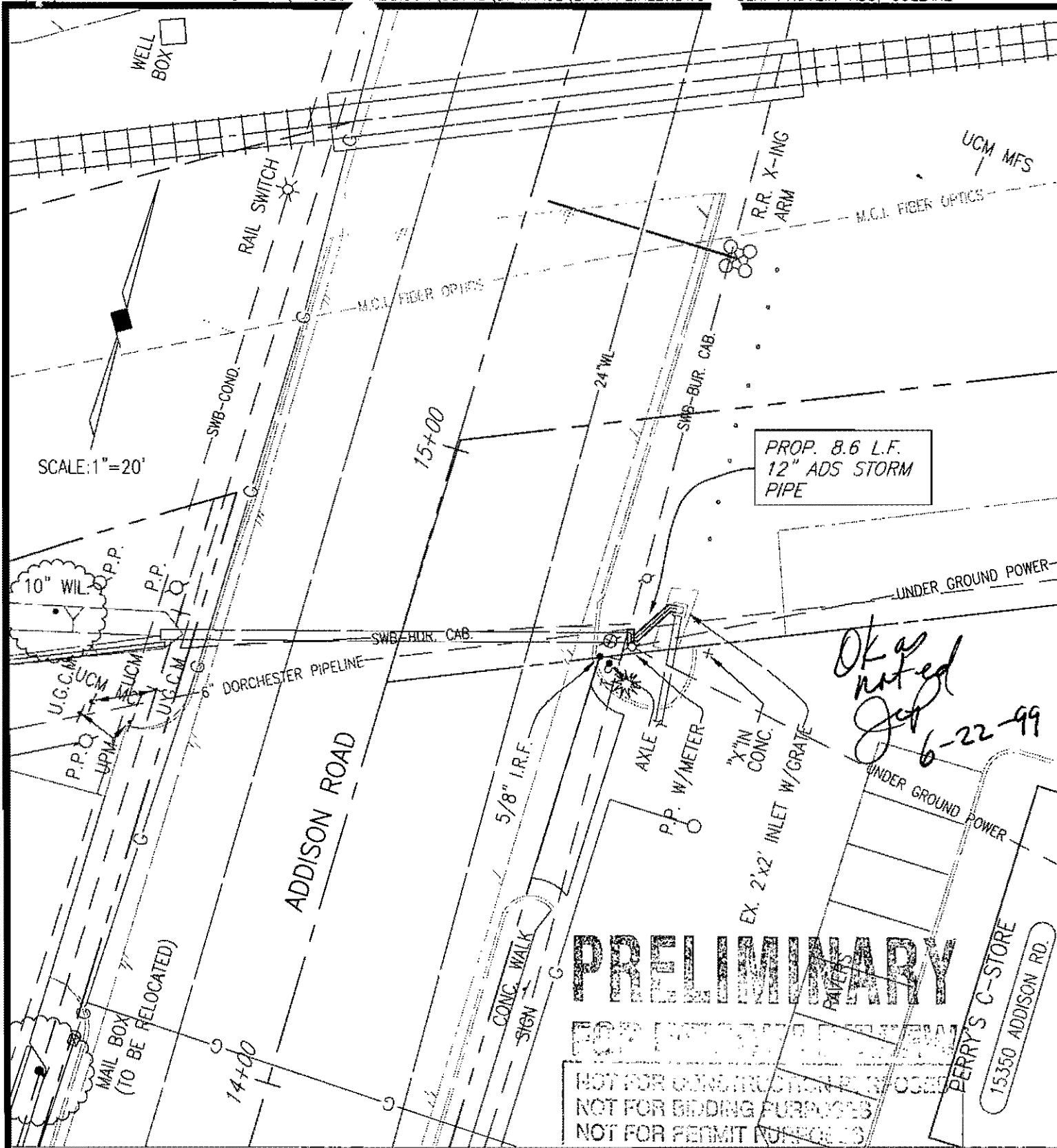
Jim,

The attached is the storm sewer
work at the "C" store on
Addison Road. Please review and
give me or Richard Lane your
comments. I will be on vacation

6/28/99 - 7/9/99

JW3

We are getting flow line elevations of 2'x2'
gate inlet to complete plan.



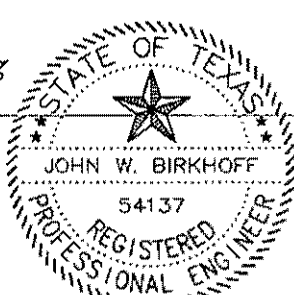
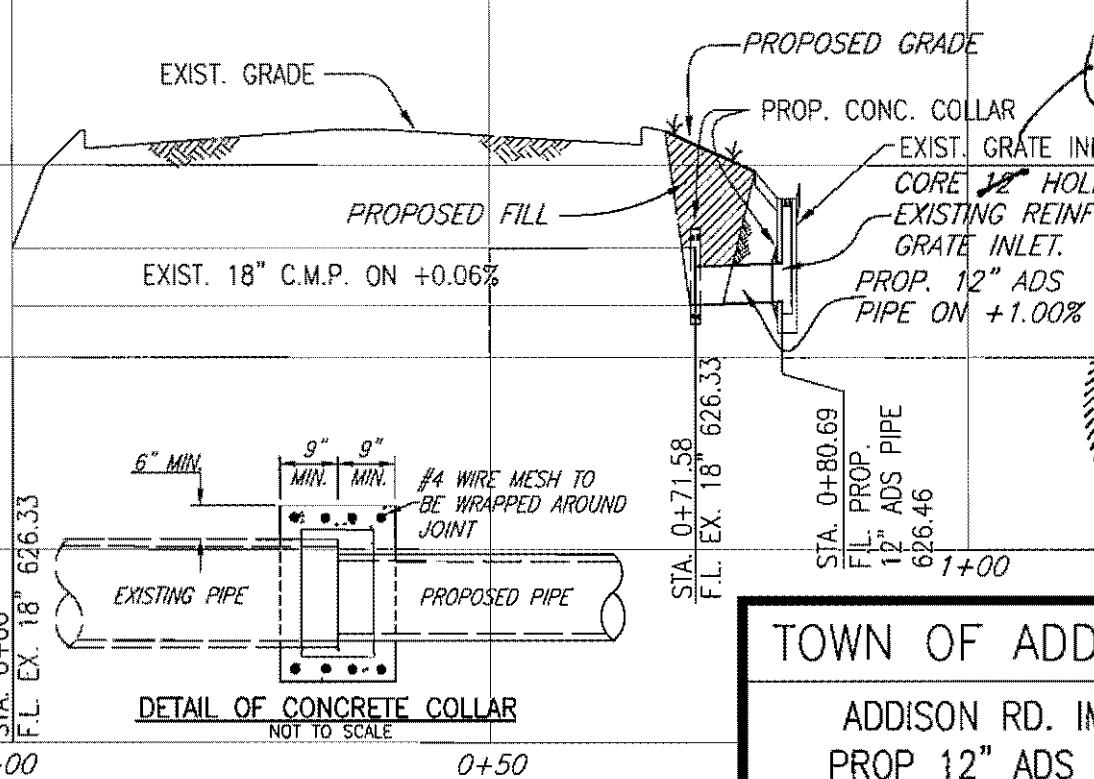
PRELIMINARY

FOR PRELIMINARY DESIGN ONLY

NOT FOR CONSTRUCTION PERMITS

NOT FOR BIDDING PURPOSES

NOT FOR PERMIT PURPOSES



TOWN OF ADDISON, TEXAS

ADDISON RD. IMPROVEMENTS

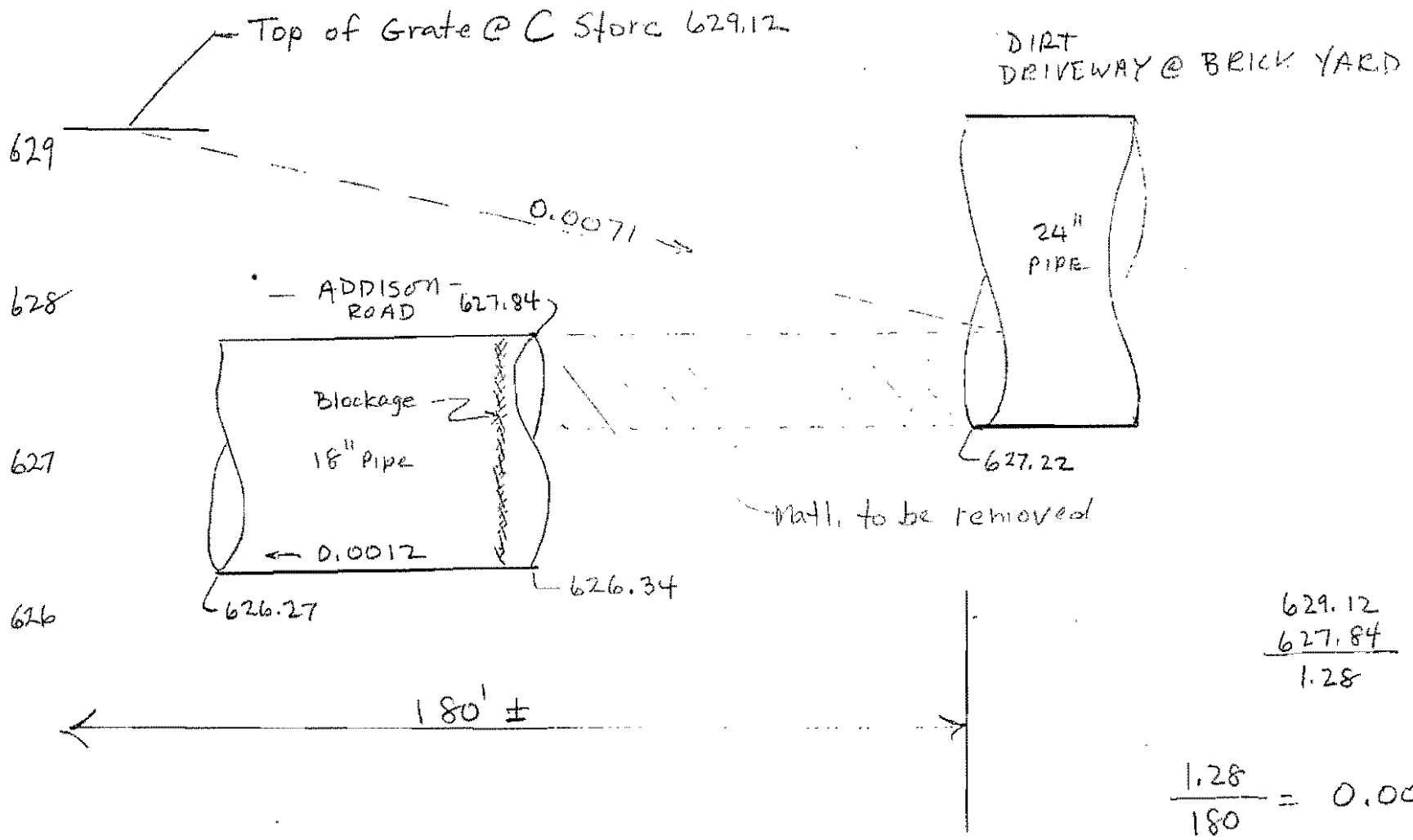
PROP 12" ADS STORM SEWER

SHIMEK, JACOBS & FINKLEA
CONSULTING ENGINEERS

JUNE 22, 1999



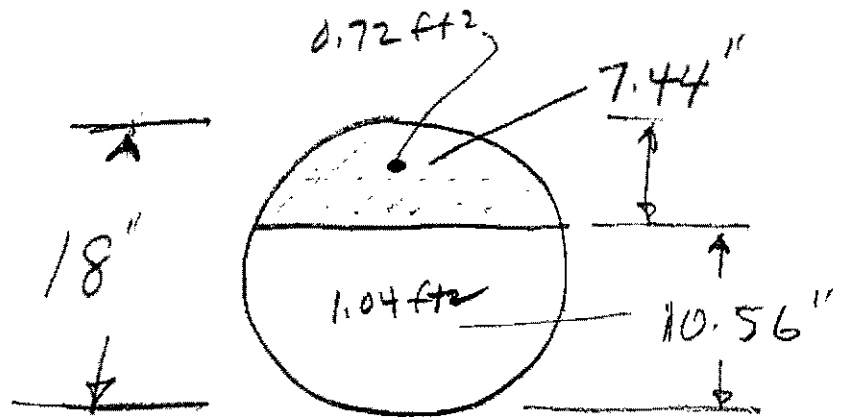
5-21-99



LOOKING SOUTH

Vert 1" = 1'-0"
 Horiz 1" = 30'

$$\begin{array}{r} 627.84 \\ - 627.22 \\ \hline .62 \\ = 7.44'' \end{array}$$

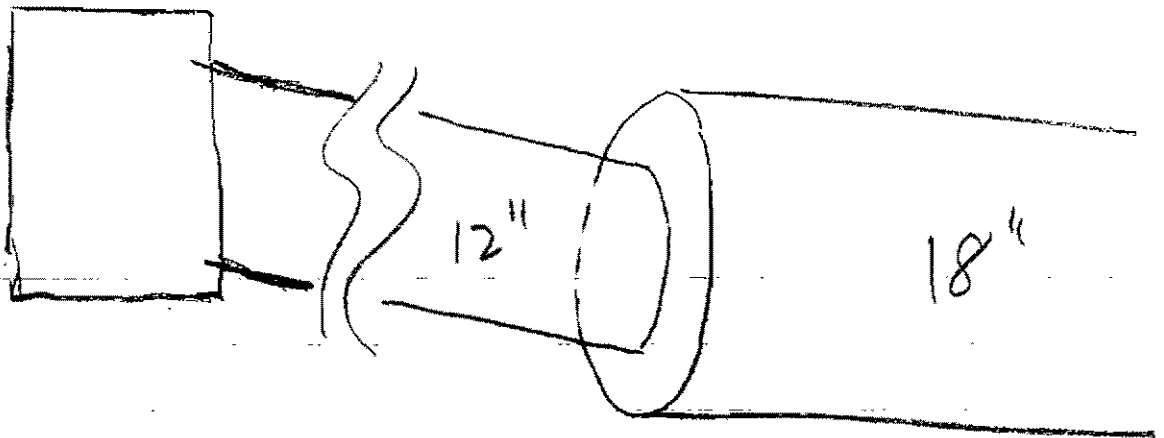


$$\frac{d}{D} = \frac{10.56}{18} = 0.59 \left(\frac{d}{D} \right); \quad \frac{a}{A} = 0.6$$

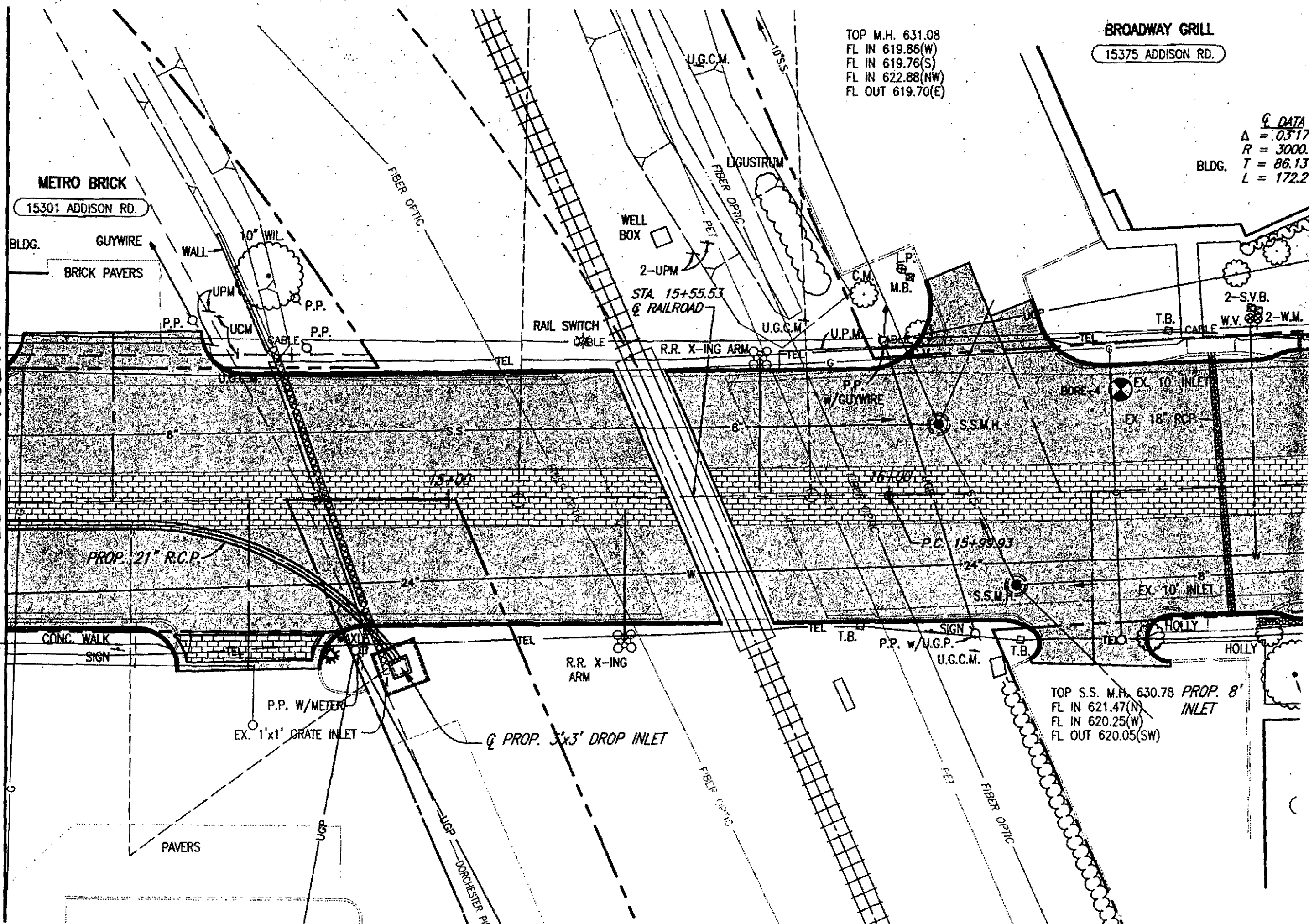
$$a = 0.6 A = 0.6 \times 1.77 \text{ ft}^2 = 1.04 \text{ ft}^2$$

$$\begin{array}{r} 1.77 \\ - 1.04 \\ \hline 0.72 \text{ ft}^2 \end{array} \quad \begin{array}{l} \text{equivalent to} \\ \text{about 12" pipe} \end{array}$$

Grate
Inlet



MATCH LINE STA. 14+00



TOP M.H. 631.08
FL IN 619.86(W)
FL IN 619.76(S)
FL IN 622.88(NW)
FL OUT 619.70(E)

BROADWAY GRILL
15375 ADDISON RD.

DATA
Δ = 0.5172
R = 3000.0
BLDG. T = 86.13'
L = 172.21'

METRO BRICK
15301 ADDISON RD.

BLDG. GUYWIRE
BRICK PAVERS

WELL BOX

2-UPM

STA 15+55.53
Q RAILROAD

RAIL SWITCH
CABLE

R.R. X-ING ARM

P.P. W/GUYWIRE

BORER

EX. 10" INLET

EX. 18" RCP

PROP. 21" R.C.P.

P.C. 15+99.93

CONC. WALK
SIGN

R.R. X-ING
ARM

P.P. W/U.G.P.
U.G.C.M.

TOP S.S. M.H. 630.78
FL IN 621.47(N)
FL IN 620.25(W)
FL OUT 620.05(SW)
PROP. 8'
INLET

P.P. W/METER
EX. 1'x1' GRATE INLET

Q PROP. 5'x3' DROP INLET

PAVERS

UGP
DORCHESTER PIPE

FIBER OPTIC

5-18-99

C Store Drainage

Was, Edmest Drive & UCP
Nactor

Inlet @ C Store Elevation 679.12

@ C Store

@ Brick Yard (1.6' measured with Rod)

drawn farther west in Brick yard

Elev. + X -

5.70 694.82

Top of grate
8.55

20" drain
8.48

18" drain
7.60

626.27

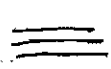
626.34

627.22

End of

Pipe 6'-6" from back of curb on
west side

Blockage is 6'-3" from end of pipe
on west side.



C Store Drainage

5-6-99

#105 Unclassified Excavation

#203 FAI 18" RCP

#222 Y inlet

#223 Remove & Dispose Exist RCP

8, 6, 4'
length?

224 Remove & Dispose Exist Inlet

Knock out conc blockage &
Remove conc.

HANSON CMC Prod.

Sales

214-525-5500

Roy Hill

8-6-4' lengths

8'

5-5-99

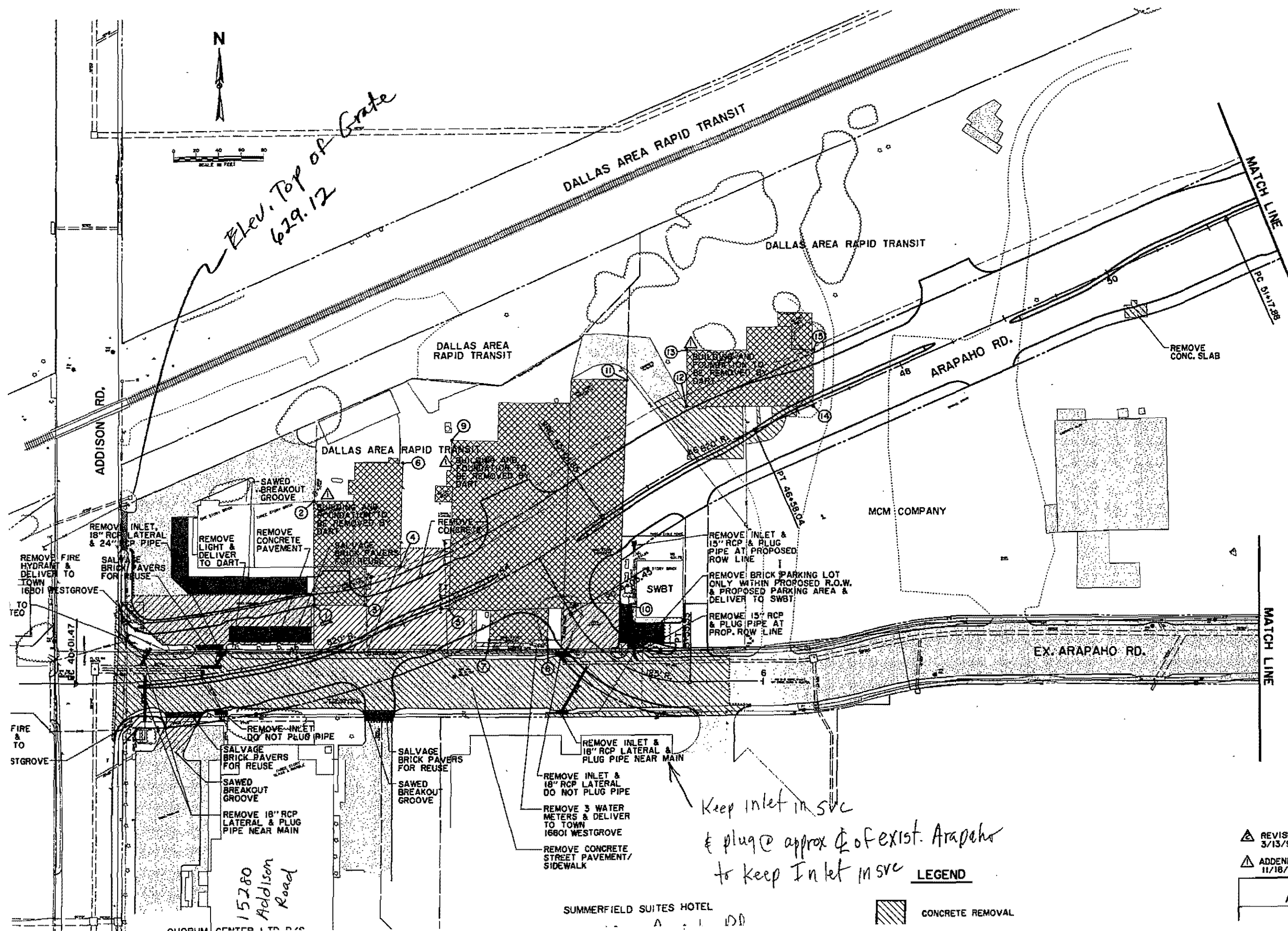
C Store Drainage

1. West Side - Remove one length of pipe & remove concrete blockage
2. Replace pipe & backfill & compact
3. East Side - Determine flow line elevation @ end of pipe
Construct WYE inlet & connect pipe
4. Backfill, compact & grade to WYE inlet



*Elev. Top of Grate
629.12*

BUILDING CORNERS	C/L STATION	OFFSET	
1	42+26.97	40.50'	LT.
2	42+56.28	129.42'	LT.
3	42+72.23	27.13'	LT.
4	43+15.85	46.31'	LT.
5	43+41.80	3.94'	RT.
6	43+57.84	132.48'	LT.
7	43+63.44	44.07'	RT.
8	44+07.17	67.88'	RT.
9	44+16.07	130.93'	LT.
10	44+73.24	73.23'	RT.
11	45+80.36	92.51'	LT.
12	46+13.63	45.58'	LT.
13	46+34.36	90.89'	LT.
14	47+14.27	1.57'	RT.
15	47+34.92	44.79'	LT.



REMOVE INLET, 18" RCP LATERAL & 24" RCP PIPE
 REMOVE FIRE HYDRANT & DELIVER TO TOWN 16801 WESTGROVE
 SALVAGE BRICK PAVERS FOR REUSE

REMOVE LIGHT & DELIVER TO DART
 REMOVE CONCRETE PAVEMENT

REMOVE INLET & 15" RCP & PLUG PIPE AT PROPOSED ROW LINE
 REMOVE BRICK PARKING LOT ONLY WITHIN PROPOSED R.O.W. & PROPOSED PARKING AREA & DELIVER TO SWBT
 REMOVE 15" RCP & PLUG PIPE AT PROP. ROW LINE

REMOVE INLET DO NOT PLUG PIPE
 SALVAGE BRICK PAVERS FOR REUSE
 SAWS BREAKOUT GROOVE
 REMOVE 18" RCP LATERAL & PLUG PIPE NEAR MAIN

SALVAGE BRICK PAVERS FOR REUSE
 SAWS BREAKOUT GROOVE

REMOVE INLET & 18" RCP LATERAL & PLUG PIPE NEAR MAIN
 REMOVE 3 WATER METERS & DELIVER TO TOWN 16801 WESTGROVE
 REMOVE CONCRETE STREET PAVEMENT/ SIDEWALK

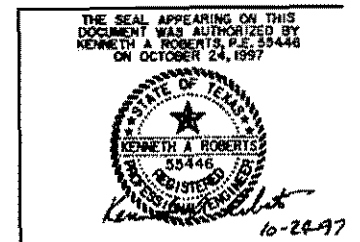
Keep inlet in svc & plug @ approx Q of exist. Arapaho to keep Inlet in svc

15280 Addison Road

SUMMERFIELD SUITES HOTEL

CONCRETE REMOVAL

REVISSED 3/13/98
 ADDENDUM #2, 11/18/97



DEMOLITION PLAN
 ADDISON ROAD TO STA. 51+50
 ARAPAHO ROAD



SYNTHETIC INDUSTRIES

GEOFIBERS® Fiber Reinforcement For Soils

5-3-99
ACE Pipe Cleaning
Cleaning 18" across Address
Rd.
Start Work 0945

4295 Cromwell Road, Suite 205 • Chattanooga, TN 37421
(800) 244-9788 • Fax: (423) 892-0721 • www.sind.com

SCALE IN FEET

ADDISON RD.

DALLAS AREA

H:\PROJ\1720\INDGN\1720MOI.DGN
Wed Apr 25 11:41:08 1998
F:\PLOT\1720\400M\1720MOI.plt
thresso

PRF ROTATION=80.000000
F:\VBI\MILLER.TBL

1,36,41,42,48,51-54,56,57,60,62,63 no ref levels
5 no ref levels
-81 no ref levels
23-33,36,39,50-52,56-59,63 no ref levels

REMOVE FIRE HYDRANT & DELIVER TO TOWN 16801 WESTGROVE
STEEL SIGN TO BE RELOCATED BY OTHERS

REMOVE FIRE HYDRANT & DELIVER TO TOWN 16801 WESTGROVE

REMOVE FIRE HYDRANT & DELIVER TO TOWN 16801 WESTGROVE

REMOVE INLET, 18" RCP LATERAL & 24" RCP PIPE

SALVAGE BRICK PAVERS FOR REUSE

REMOVE LIGHT & DELIVER TO DART

REMOVE CONCRETE PAVEMENT

BUILDING AND FOUNDATION TO BE REMOVED BY DART

SALVAGE BRICK PAVERS FOR REUSE

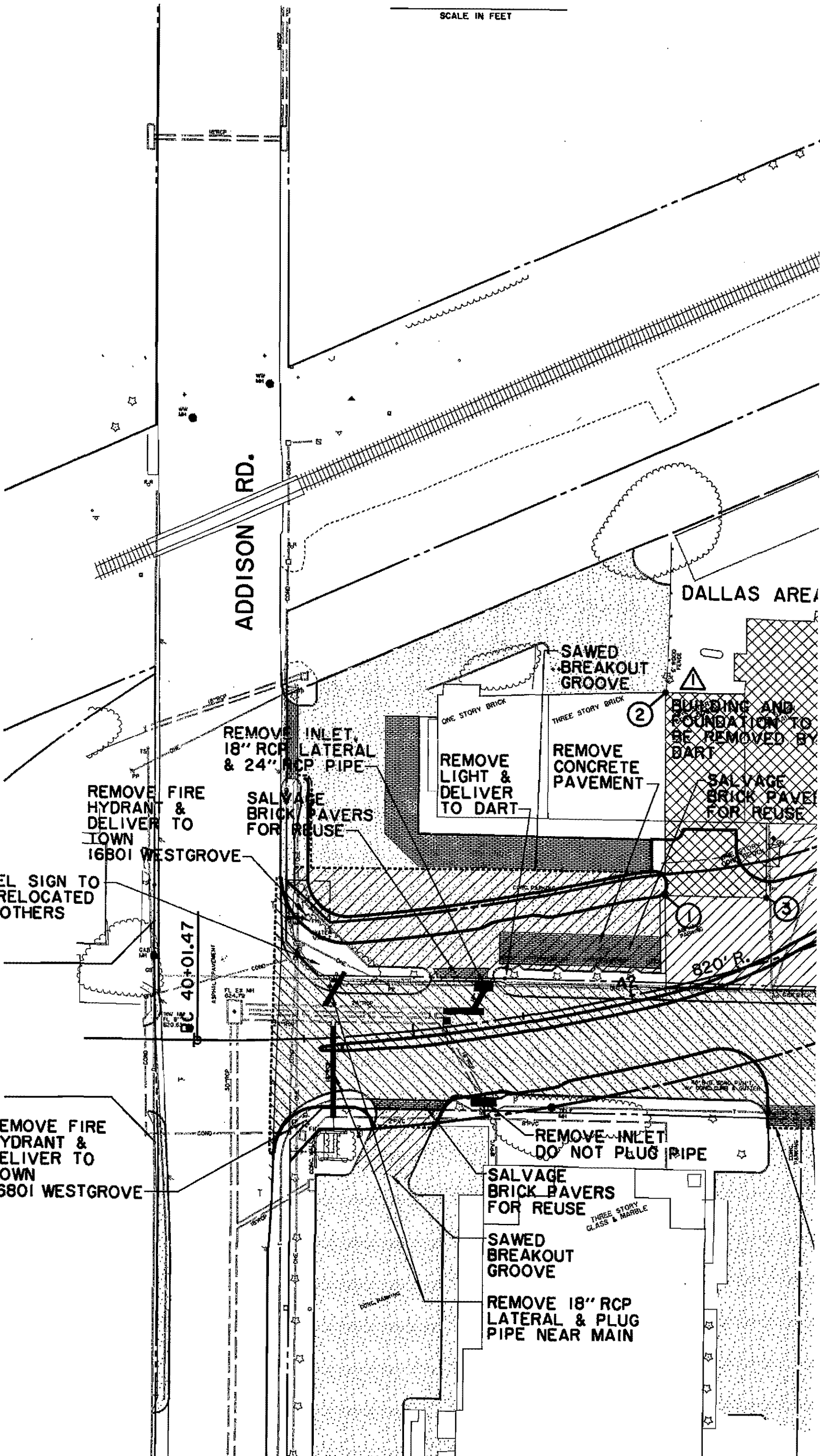
REMOVE INLET DO NOT PLUG PIPE

SALVAGE BRICK PAVERS FOR REUSE

SAWED BREAKOUT GROOVE

REMOVE 18" RCP LATERAL & PLUG PIPE NEAR MAIN

THREE STORY CLASS & MARBLE



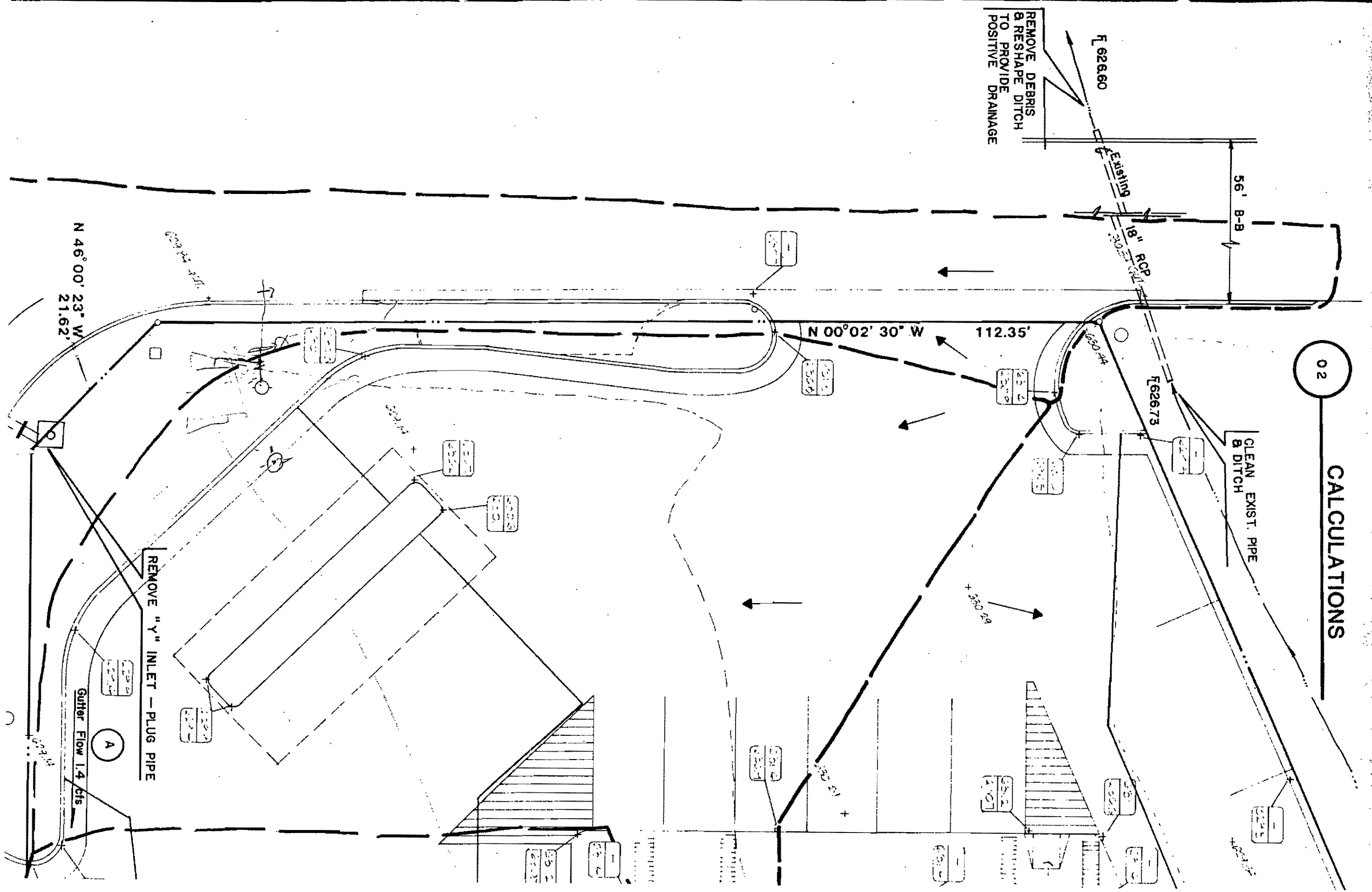
2

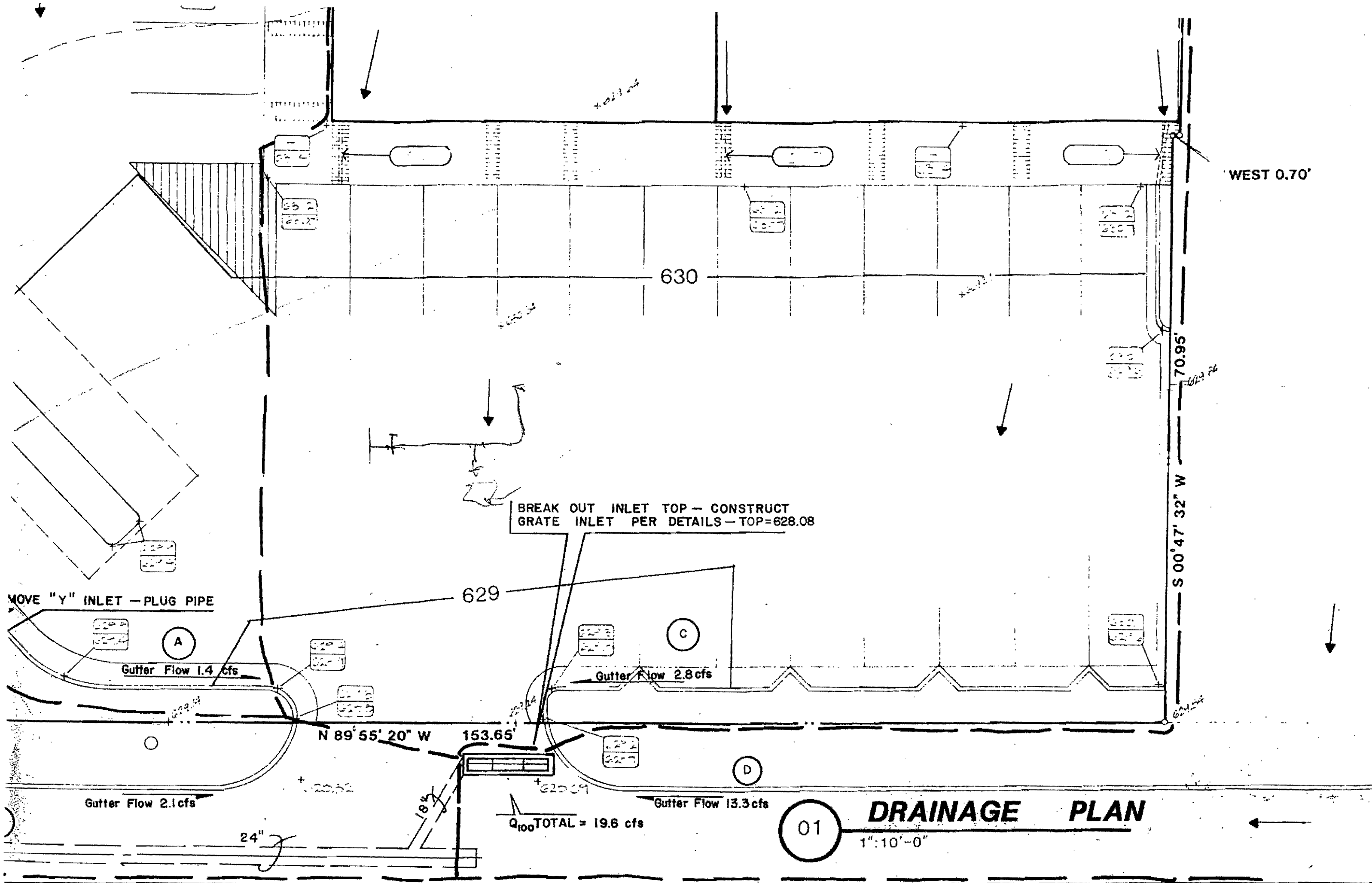
1

3

820' R.

CALCULATIONS





BREAK OUT INLET TOP - CONSTRUCT
GRATE INLET PER DETAILS - TOP=628.08

MOVE "Y" INLET - PLUG PIPE

Gutter Flow 1.4 cfs

Gutter Flow 2.8 cfs

Gutter Flow 2.1 cfs

Gutter Flow 13.3 cfs

Q₁₀₀TOTAL = 19.6 cfs

DRAINAGE PLAN

01

1" : 10'-0"

N 89° 55' 20" W

153.65'

70.95'

S 00° 47' 32" W

630

629

A

C

D

24"

18%

628.2
628.7

628.2
628.7

628.2
628.7

628.2
628.7

628.2
628.7

+0.21' out

+0.20' out

+0.21' out

+0.21' out

+0.20' out

+0.20' out



TOWN OF ADDISON

MAIL ALL INVOICES TO:
 Accounts Payable
 P.O. Box 144
 Addison, Texas 75001

TAX EXEMPT NUMBER: 17513335558

SUBJECT TO TERMS & CONDITIONS CONTAINED ON BOTH SIDES
 THE P.O. NUMBER MUST APPEAR ON ALL INVOICES, DELIVERY TICKETS, ETC.

PURCHASE ORDER

No.	059425
ORDER DATE	03/10/99
1 of 1	03/10/99
REQUIRED DELIVERY DATE	

DELIVERY LOCATION:

ENDOR
 6483 ACE PIPE CLEANING INC
 1509 SYLVANIA COURT
 FORT WORTH, TX 76111
 Attn: BRUCE JAMESON

(ENG) ADDISON ENGINEERING DEPT
 16801 WESTGROVE
 ADDISON, TX 75001

ID NO.	REQUISITION	REQUISITIONER	TERMS	BLANKET ORDER EXPIRES	F.O.B. DESTINATION
	005434	621JB	NET 30		DESTINATION

ITEMS USER 1: USER 2:

EM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	EXTENDED AMOUNT
1	1	JOB	LOW BID LIGHT CLEANING OF SEWER AT 1.25 PER LINEAR FOOT ESTIMATED AT 1000 FT IF NEEDED	1,250.0000	1,250.00
2	1	EA	LOW BID TELEWISE INSPECTION OF SEWER AT .75 FOOT PER LINEAR FOOT FOR 5600 FT	4,200.0000	4,200.00

MEMO ACCOUNTING INFORMATION ONLY				DISTRIBUTION	
GENERAL LEDGER ACCOUNT NUMBER					
41 000 56570 84300 000				5,450.00	

16654

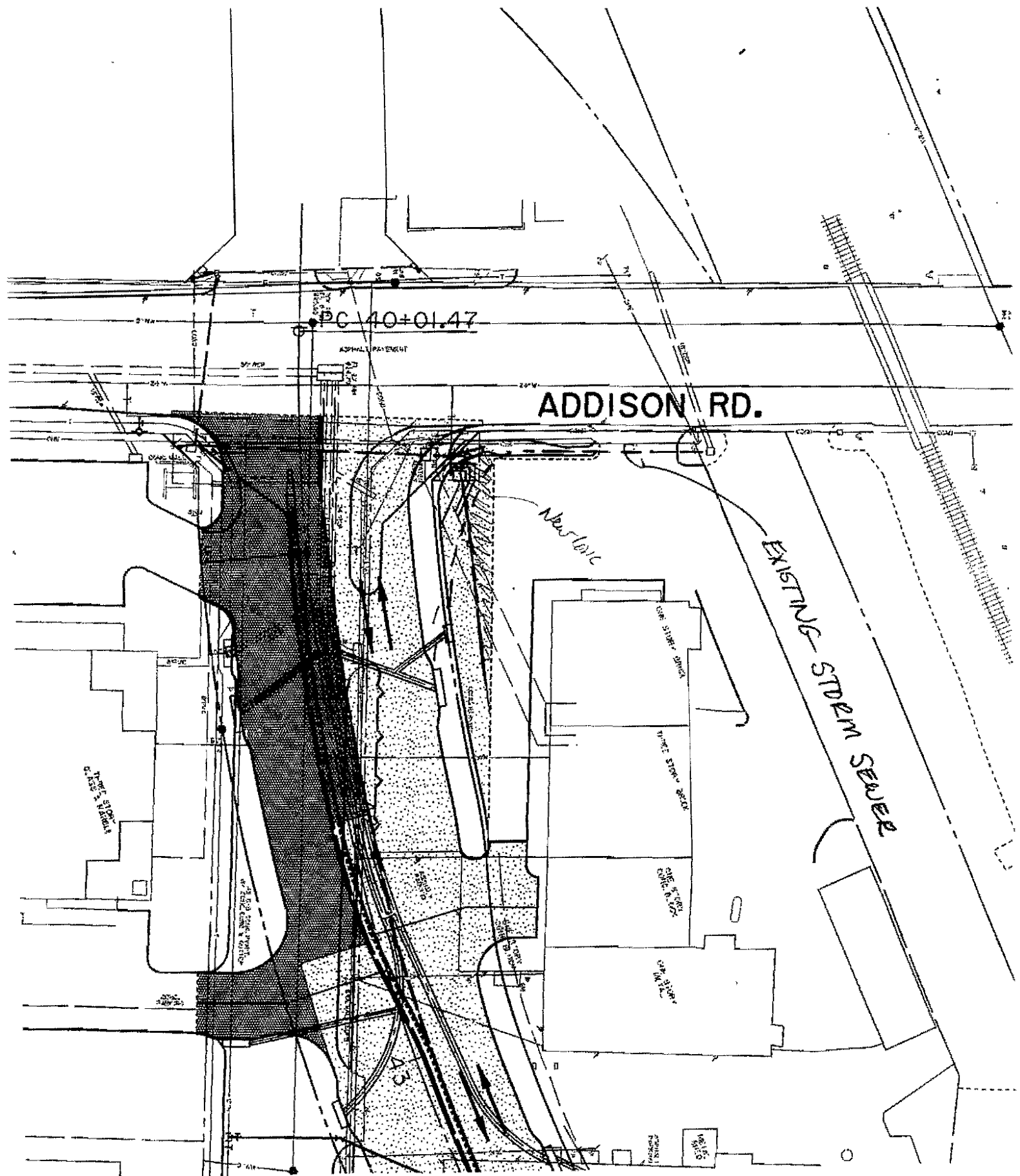
Clyde Johnson
 PURCHASING MANAGER'S SIGNATURE

SUB TOTAL	5,450.00
	0.00
FREIGHT	0.00
TOTAL	5,450.00

, no ref name, no ref levels*
, no ref name, no ref levels*
, no ref name, no ref levels*
, no ref name, no ref levels*
, no ref name, no ref levels*

PRF ROTATION=90.000000
F:\B1\MILLER.TBL

H:\PROJ\177201\DGN\1772CS04.DGN
Wed Mar 25 11:30:01 1988
F:\PLOTTING\400M\1772cs04.plt
thresso



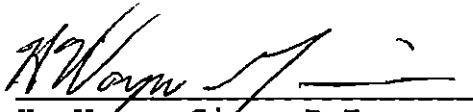
GINN, INC.

CONSULTING ENGINEERS

TO: Robin Jones
FROM: Ginn, Inc.
DATE: October 2, 1985
SUBJECT: SW Corner Addison Road/St. Louis Southwestern Railroad
Drainage Problem

In response to your recent request concerning the above drainage problem, we offer the following comments:

1. The 18" RCP under Addison Road south of and approximately paralleling the railroad was intended to be removed when Addison Road was constructed. The drainage on the east side of Addison Road, south of the railroad was, designed to drain to the "Y" inlet at the northeast corner of the intersection of Addison Road and Arapaho Road. The drainage on the west side of Addison Road, south of the railroad, would continue to drain in its natural waterway.
2. Either the brickyard owners or the railroad should be contacted to address the cleaning out of the ditch in question. The City should not be required to maintain a ditch or private lands.


H. Wayne Ginn, P.E.

GF/HWG/sr

ANSWERING SERVICE
(214) 692-1188

BEN PINNELL
ROUTE 3 BOX 135
DENTON, TEXAS 76201
DENTON
817-497-3231

MOBILE PHONE
214-384-8811

September 16, 1985

Jerry Redding, Mayor
City of Addison
Addison Town Hall
P.O. Box 144
Addison, Texas 75001

Dear Honorable Mayor Redding:

We own a piece of property on the corner of Addison Road and Arapaho Road.

Originally, drainage had gone along with the railroad tracks West underneath Addison Road over by the brickyard.

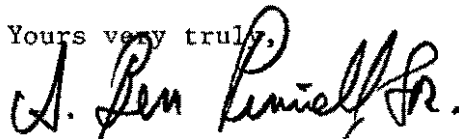
Evidentially, the brickyard has filled in the culvert on the West side and the water can now no longer drain westerly as it had been for years.

We were not aware of that and designed our shopping center so that the water could flow as it normally had been.

We feel that it is a reasonable request to ask the City to take whatever measures the City has at hand to allow this water to drain West, as it has in the past.

We certainly will appreciate your taking a look at this problem.

Yours very truly,



A. Ben Pinnell, Jr.
Trustee, Investment #3

ABP:pfc

cc: Wayne Ginn
Joe Jones