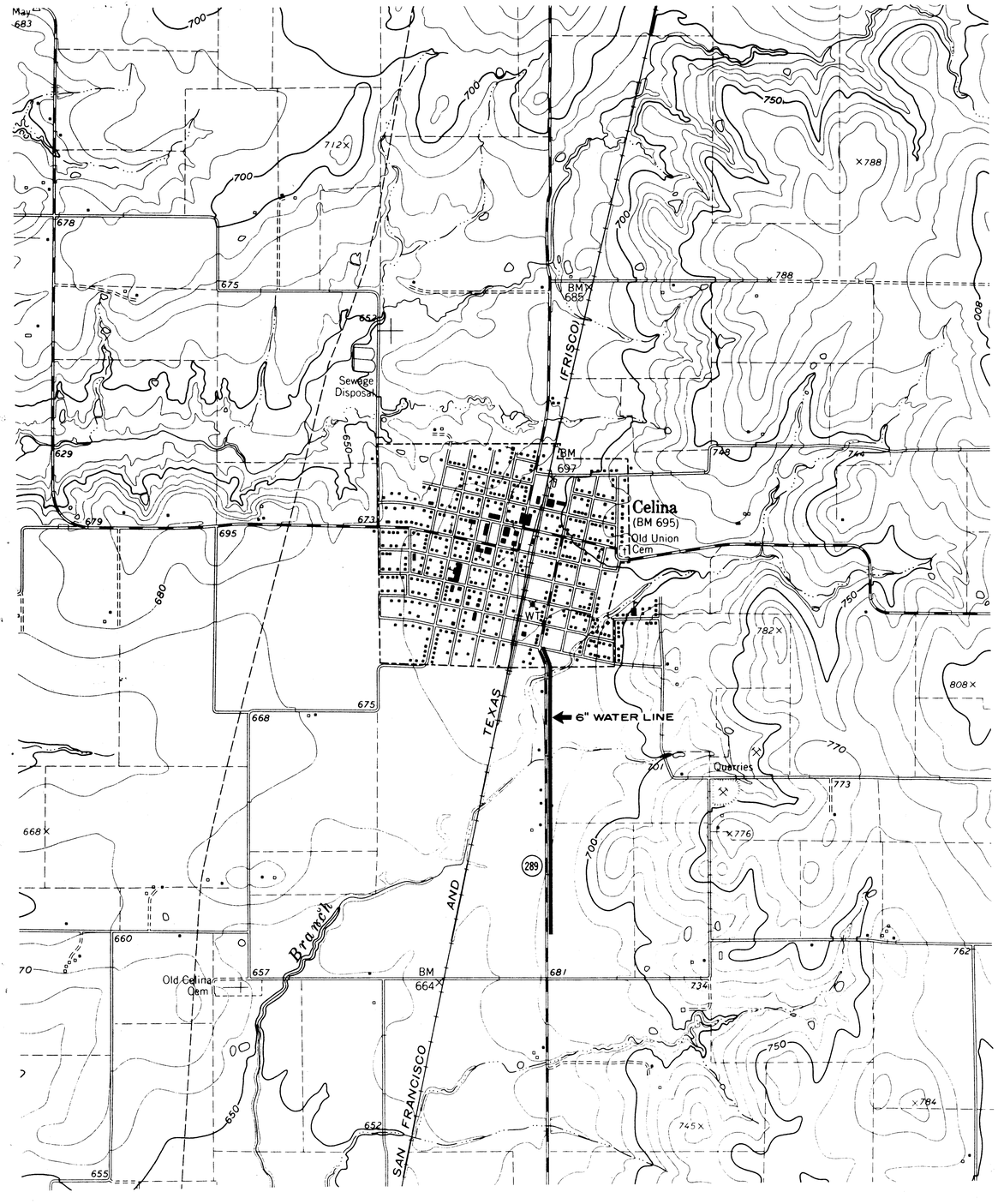


WATER DISTRIBUTION EXTENSION

CITY OF CELINA

CELINA, TEXAS

FOWLER & GRAFE, INC.
CONSULTING ENGINEERS
3900 LEMMON AVENUE
DALLAS

1966

B.E. O'BRIEN - MAYOR

COUNCILMEN

W.R. BALDRIDGE KEN MASSEY
S.G. McKNIGHT LEON HOWARD
VOLNEY D. PHILLIPS

ELDON BILDERBACK - WATER SUPERINTENDENT

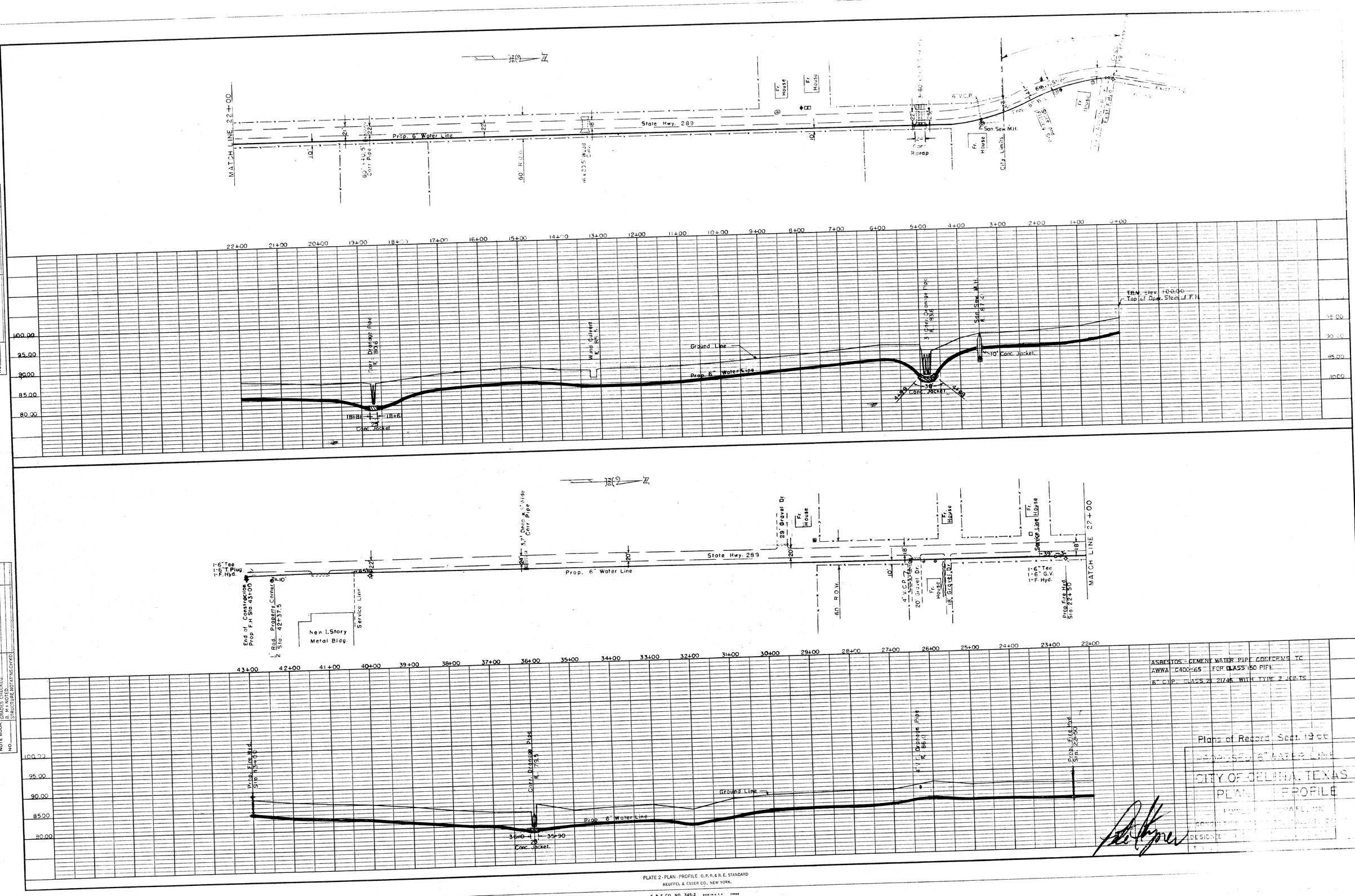
APPROVED BY CITY OF CELINA

DATE MAYOR

SUBMITTED BY FOWLER & GRAFE, INC.

6/1/66 DATE ENGINEER

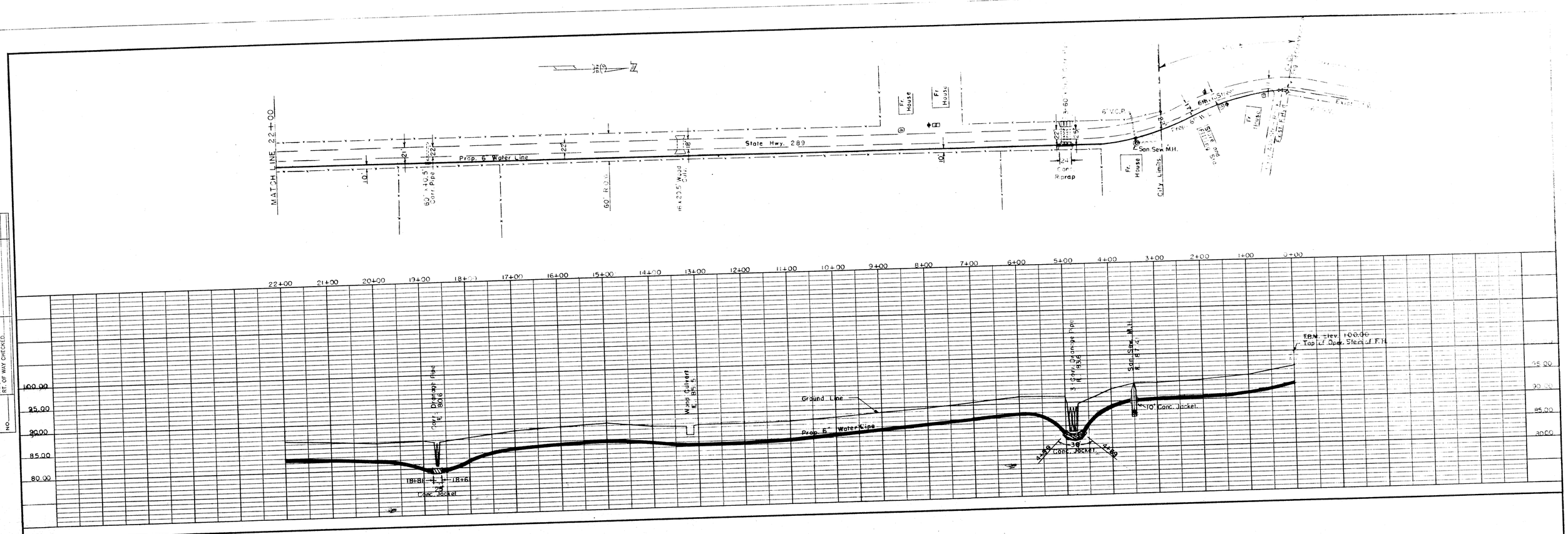
PLANS OF RECORD SEPT. 1966

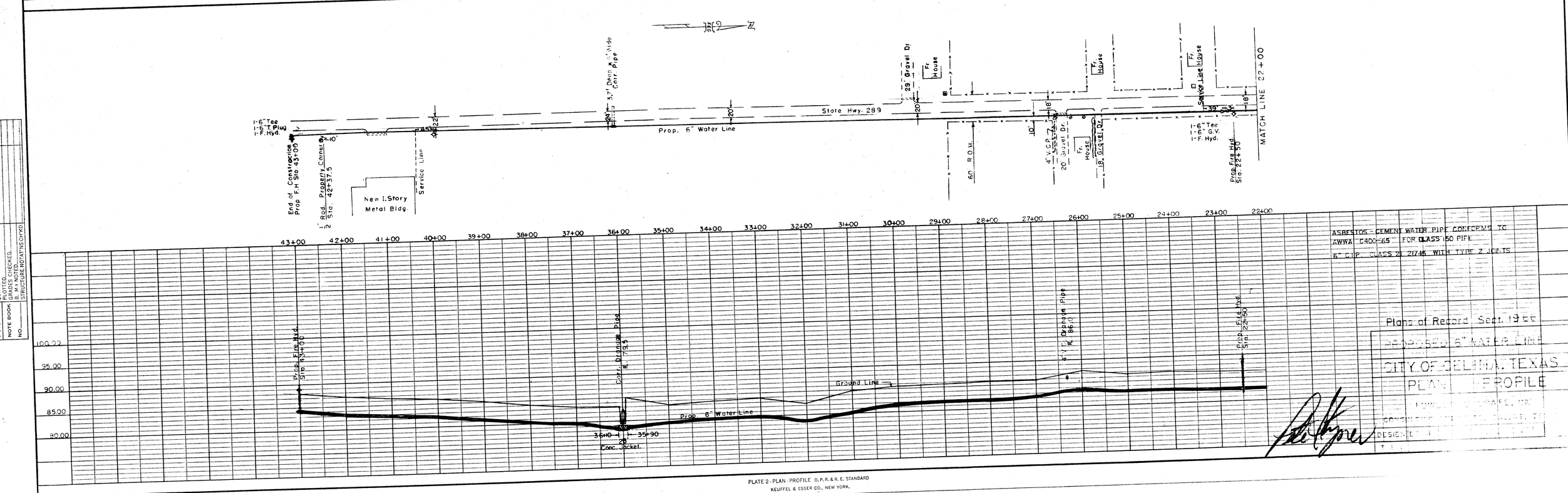


PLAN
NOTE BOOK
NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE

PROFILE
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
B. M. NOTED
STRUCTURE NOTATNS CH'KD
BY
DATE

PLATE 2 - PLAN - PROFILE O.P.R.& R.E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.
K & E CO. NO. 345-2





ASBESTOS - CEMENT WATER PIPE CONFORMS TO AWWA C400-65 FOR CLASS 150 PIPE
6" CIP. CLASS 2 21/45 WITH TYPE 2 JOINTS

Plans of Record Sept. 1966
PROPOSED 6" WATER LINE
CITY OF CELINA, TEXAS
PLAN & PROFILE

PLAN
NOTE BOOK
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PLOTTED
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RT. OF WAY CHECKED
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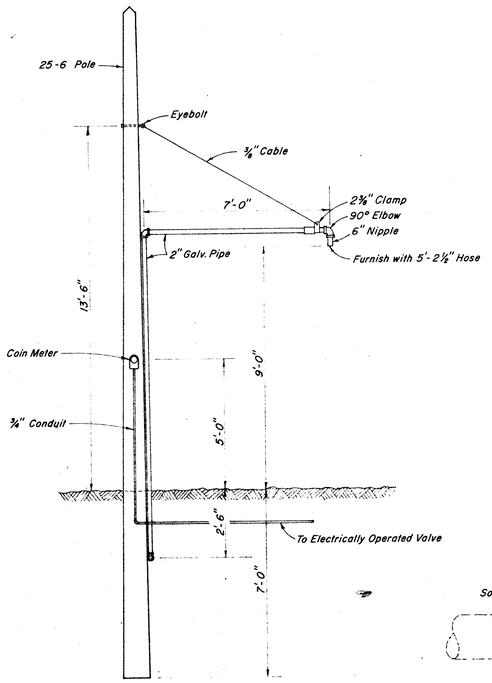
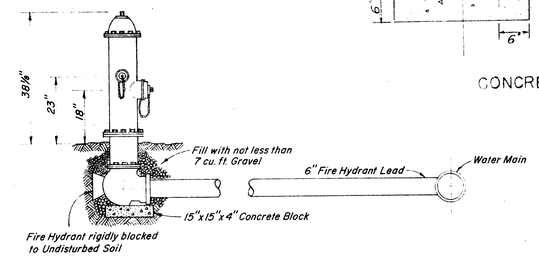


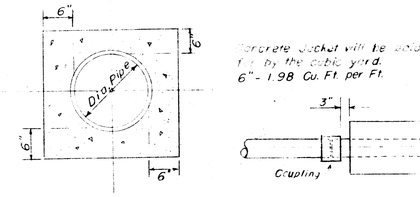
TRUCK LOADING STATION

Scale: 3/8" = 1'-0"

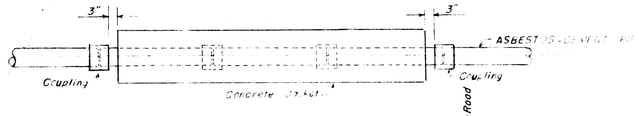


5 1/4" AWWA IMPROVED FIRE HYDRANT INSTALLATION

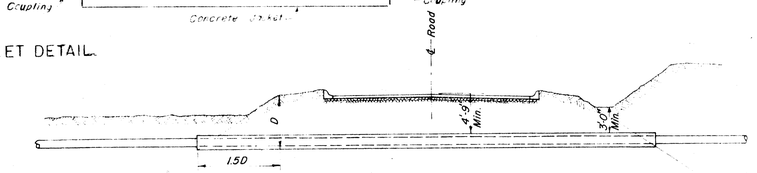
Scale: 1/2" = 1'-0"



Concrete Jacket will be paid for by the cubic yard.
6" - 1.98 Cu. Ft. per Ft.



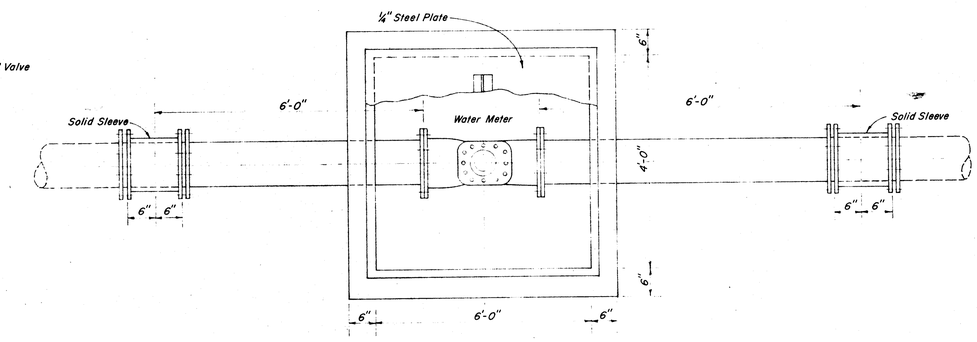
CONCRETE JACKET DETAIL



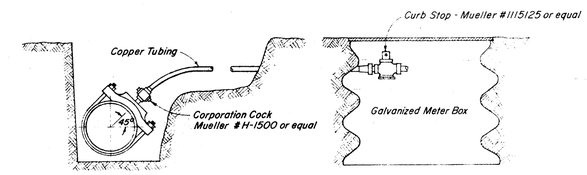
Size of Pressure Main	R.C. Pipe Casing
2 1/2"	10"
3"	12"
4"	15"
6"	15"
8"	18"

RAILROAD AND HIGHWAY CROSSING STANDARD

No Scale

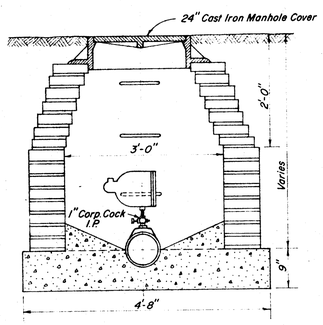


PLAN



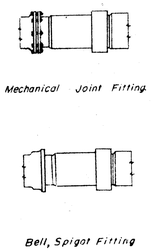
TYPICAL NEW SERVICE CONNECTION

No Scale



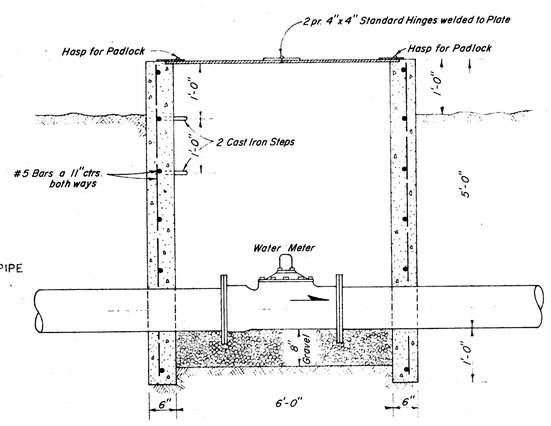
AIR RELEASE VALVE DETAIL

Scale: 3/4" = 1'-0"



ASBESTOS-CEMENT TO CAST IRON PIPE ADAPTOR

NO SCALE



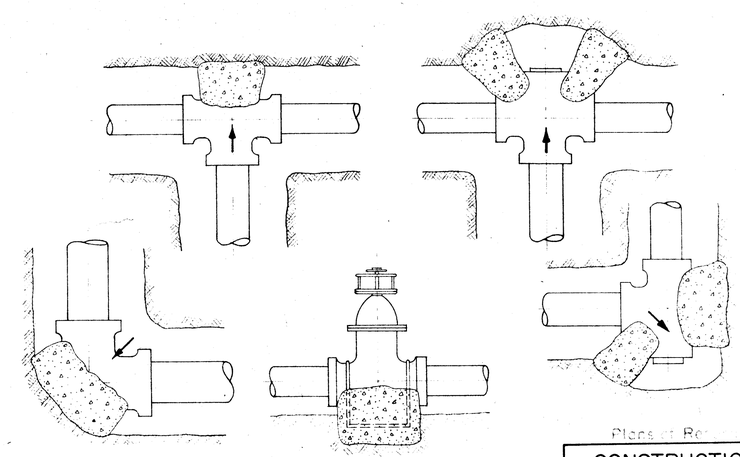
SECTION

WATER METER BOX

Scale: 3/4" = 1'-0"

BEARING IN SQUARE FEET OF SURFACE AREA FOR THRUST BLOCKING

Pipe Size	Tees & Crosses	90° Ells	45° Ells	22 1/2° Ells
6"	1.0	1.35	1.0	1.0
8"	1.67	2.35	1.26	1.0
10"	2.67	3.80	2.05	1.0
12"	3.82	5.41	2.95	1.5
14"	5.25	7.45	4.05	2.05



THRUST BLOCK DETAILS

No Scale

Plans of Re

CONSTRUCTION DETAILS

SCALE

As Noted

340M