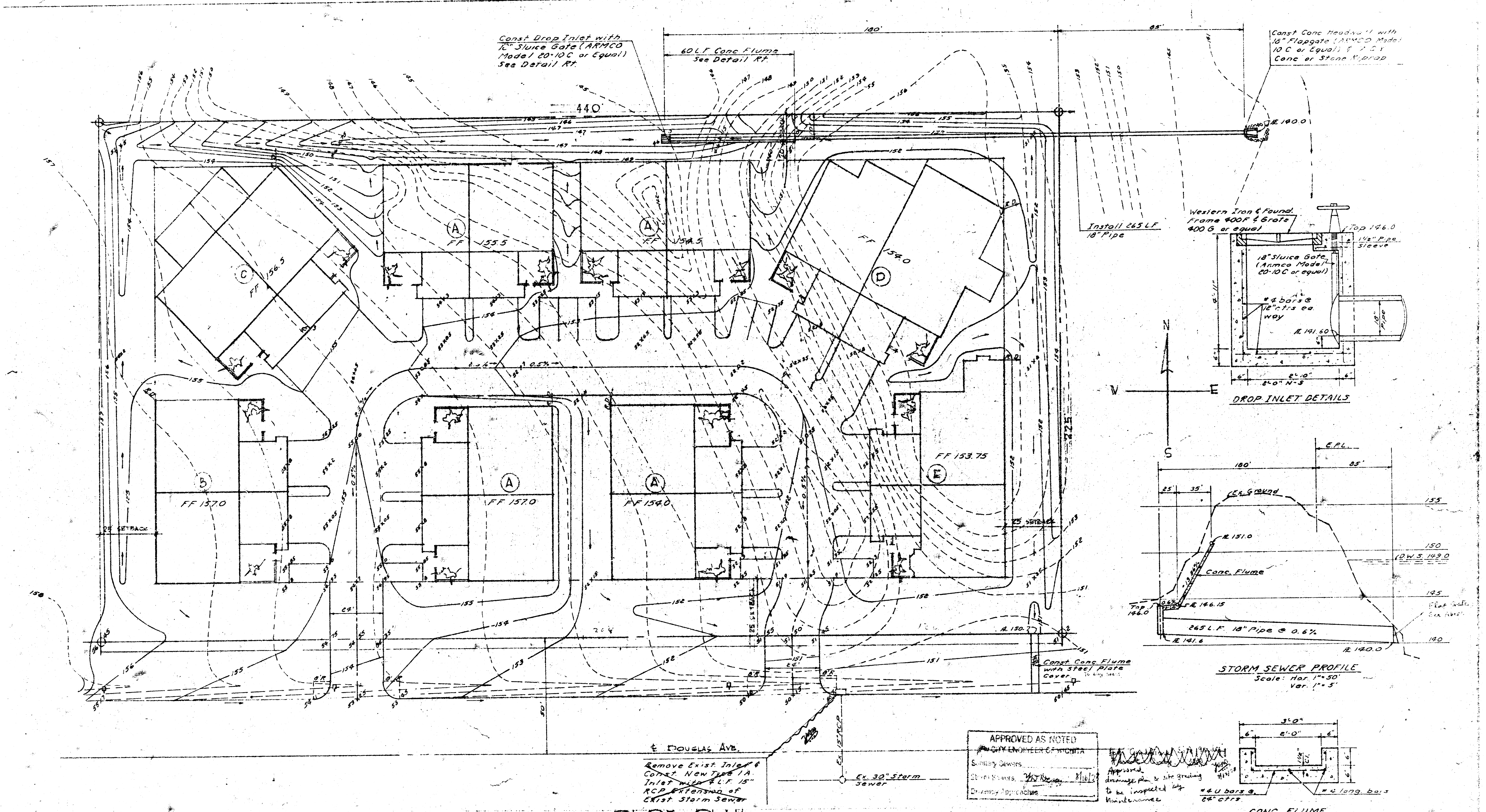

Const Drop Inlet with 18" Sluice Gate (ARMCO Model 20-10C or Equal) See Detail Rt.
60 L.F. Conc Flume See Detail Rt.
180'
85'
440'
Const Conc Headwall with 18" Flapgate (ARMCO Model 10 C or Equal) & 7 C.Y. Conc or Stone Riprap
IE 140.0
Install 265 L.F 18" Pipe
A FF 155.5
A FF 154.5
C FF 156.5
D FF 154.0
B FF 157.0
A FF 157.0
A FF 154.0
E FF 153.75
225'
25' SETBACK
N
W
E
S
Const. Conc. Flume with Steel Plate Cover
IE 150.2
E Douglas Ave.
~~Remove Exist. Inlet & Const. New Type 1A Inlet with 4 L.F. 15" RCP Extension of Exist. Storm Sewer~~
Ex. 15" RCP
Ex. 30" Storm Sewer
Western Iron & Found. Frame 400F & Grate 400 G or equal
Top 146.0
1½" Pipe Sleeve
18" Sluice Gate (Armco Model 20-10C or equal)
#4 bars @ 12" ctrs ea. way
IE 141.60
18" Pipe
4'-11"
6"
2'-10"
2'-0" N-S
E.P.L.
25'
35'
Ex. Ground
155
150
D.W.S. 149.0
145
140
IE 151.0
Conc. Flume
13.86%
0.6%
Top 146.0
IE 146.15
265 L.F. 18" Pipe @ 0.6%
IE 141.6
IE 140.0
Flap Gate See Abv.
3'-0"
2'-0"
#4 U bars @ 24" ctrs.
#4 long. bars

DROP INLET DETAILS

STORM SEWER PROFILE
Scale: Hor. 1" = 50'
Ver. 1" = 5'

CONC. FLUME DETAILS

PLOT PLAN

1" = 20'

B & H ADDITION

8-3-78

APPROVED AS NOTED
CITY ENGINEER OF WICHITA
Sanitary Sewers ________
Storm Sewers [illegible] 8/16/7[illegible]
Driveway Approaches ________

Approved drainage plan & site grading to be inspected by Maintenance

NOTE TO CONTRACTOR

This project will be constructed under the supervision of the CITY ENGINEER and conforming to the S[illegible] of the CITY OF WICHITA [illegible] TRACTOR will [illegible] Wichita for all [illegible] and inspection.

Approved for final Permit
9/12/78

Revised 9-8-78 (JEL)

1/3

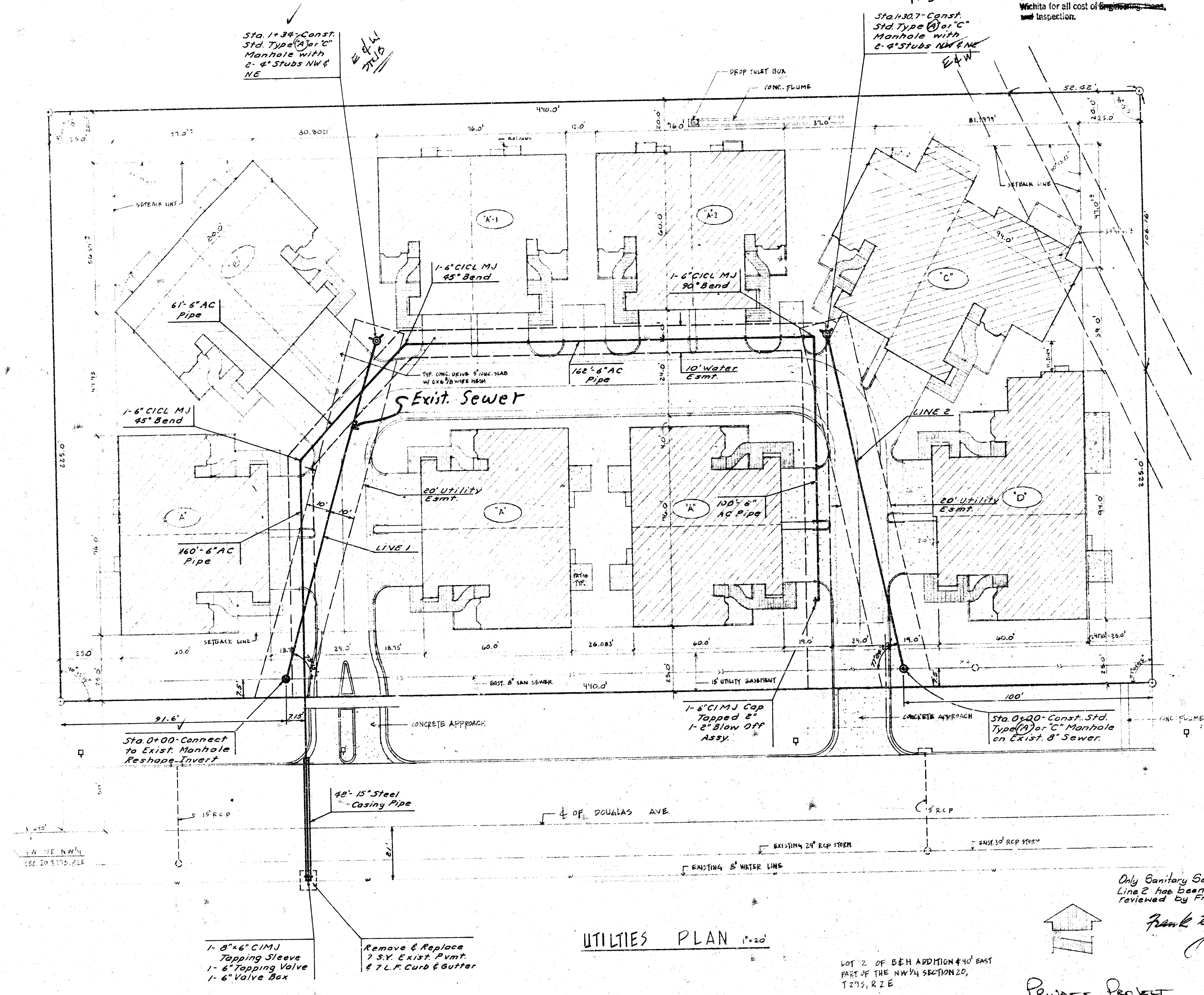
FILMED FROM THE BEST AVAILABLE COPY

NOTE TO CONTRACTOR

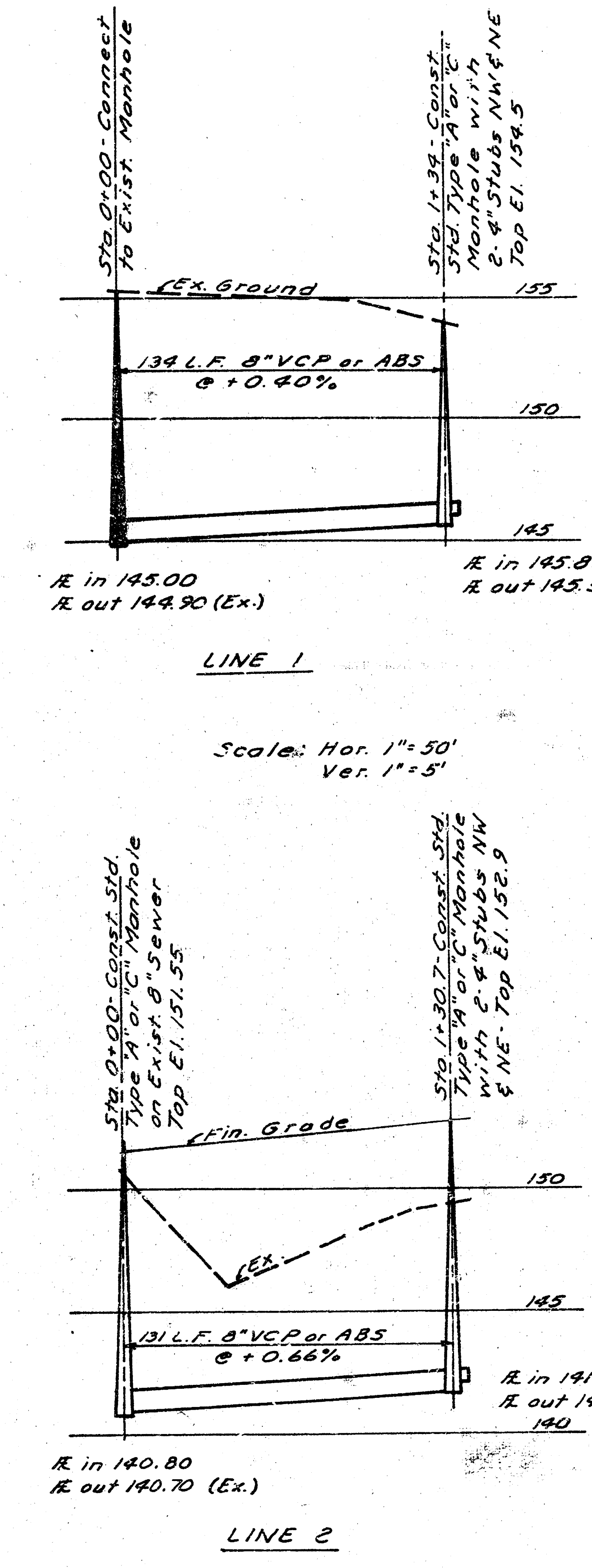
This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the CITY OF WICHITA. The CONTRACTOR will reimburse the City of Wichita for all cost of ~~Engineering, Plans,~~ ~~and~~ inspection.

10-11-78

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers PE
Storm Sewers
Driveway Approaches


✓
Sta. 1+34-Const. Std. Type "A" or "C" Manhole with 2- 4" Stubs NW & NE
E & W Stubs
1+39
Sta. 1+30.7-Const. Std. Type "A" or "C" Manhole with 2-4" Stubs ~~NW & NE~~
E & W
DROP INLET BOX
CONC. FLUME
440.0'
52.42'
30.8021
76.0'
12.0'
37.0'
81.7999'
20.0'
25.0
SETBACK LINE
BALCONY
"B"
"A"-1
"A"-2
"C"
"D"
"A"
60.0
94.0'
106.16'
47.0'
39.0'
225.0
61'-6" AC Pipe
1-6" CICL MJ 45° Bend
1-6" CICL MJ 90° Bend
TYP. CONC. DRIVE 5" CONC. SLAB W/ 6x6 8/8 WIRE MESH
162'-6" AC Pipe
10' Water Esmt.
24.0'
Exist. Sewer
1-6" CICL MJ 45° Bend
20' Utility Esmt.
10'
10'
LINE 1
160'-6" AC Pipe
100'-6" AC Pipe
LINE 2
20' Utility Esmt.
SETBACK LINE
60.0'
18.75'
24.0'
26.083'
19.0'
7.5'
7.15'
91.6'
EXIST. 8" SAN. SEWER
15' UTILITY EASEMENT
100'
Sta. 0+00-Connect to Exist. Manhole Reshape Invert
CONCRETE APPROACH
1-6" CIMJ Cap Tapped 2" 1-2" Blow Off Assy.
Sta. 0+00-Const. Std. Type "A" or "C" Manhole on Exist. 8" Sewer.
CONC. FLUME
48'-15" Steel Casing Pipe
15" R.C.P.
℄ OF DOUGLAS AVE.
15" R.C.P.
21'
EXISTING 24" RCP STORM
EXIST. 30" RCP STORM
EXISTING 8" WATER LINE
SW 1/4 NW 1/4
SEC. 20 T27S, R2E
1-8"x6" CIMJ Tapping Sleeve
1-6" Tapping Valve
1-6" Valve Box
Remove & Replace 7 S.Y. Exist. Pvmt. & 7 L.F. Curb & Gutter

UTILTIES PLAN 1"=20'


Sta. 0+00-Connect to Exist. Manhole
Sta. 1+34-Const. Std. Type "A" or "C" Manhole with 2-4" Stubs NW & NE Top El. 154.5
Ex. Ground
155
134 L.F. 8" VCP or ABS @ +0.40%
150
145
FL in 145.00
FL out 144.90 (Ex.)
FL in 145.87
FL out 145.54
LINE 1
Scale: Hor. 1"=50'
Ver. 1"=5'
Sta. 0+00-Const. Std. Type "A" or "C" Manhole on Exist. 8" Sewer Top El. 151.55
Sta. 1+30.7-Const. Std. Type "A" or "C" Manhole with 2-4" Stubs NW & NE Top El. 152.9
Fin. Grade
150
Ex.
145
131 L.F. 8" VCP or ABS @ +0.66%
FL in 141.99
FL out 141.66
140
FL in 140.80
FL out 140.70 (Ex.)
LINE 2

Only Sanitary Sewer
Line 2 has been
reviewed by Frank Jenkins
Frank E. Jenkins P.E.

APPROVED
WICHITA WATER DEPARTMENT
CITY OF WICHITA
10-10-78

LOT 2 OF B&H ADDITION & 40' EAST
PART OF THE NW 1/4 SECTION 20,
T27S, R2E

PRIVATE PROJECT

3/29/79 M-160
14-10

B.M. - Brass Cap NE Hub
Guard on Bridge E. of
Property El. 153.71

LOT 2 - B. & H. ADDITION
SITE DEVELOPMENT-UTILITIES

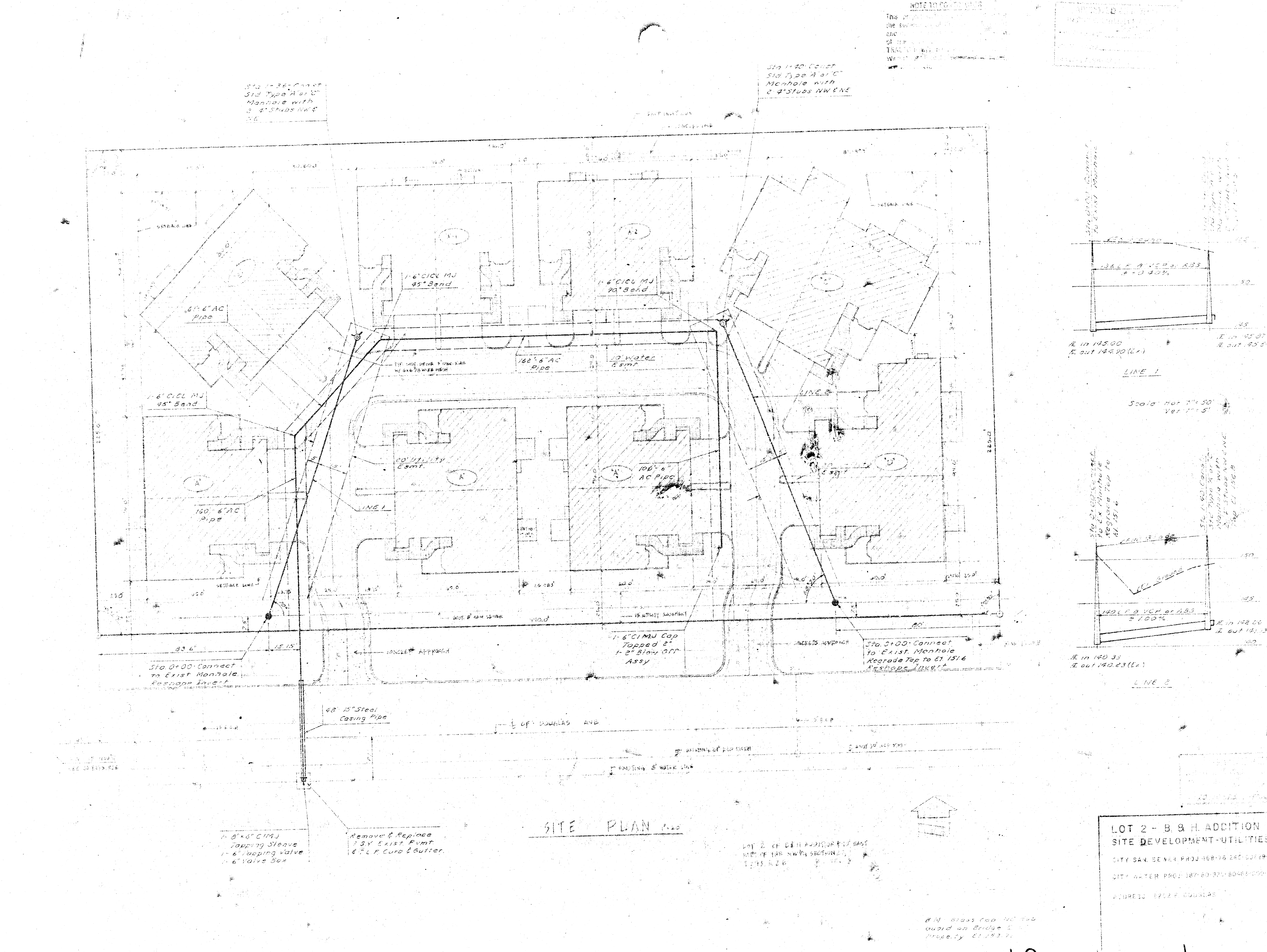
CITY SAN. SEWER PROJ. 468-76-245-80S29-000-000-008

CITY WATER PROJ. 567-80-925-80463-000-000-001

ADDRESS - 8202 E. DOUGLAS

San. Sewer Revised - 12-28-78 (JEL)

2/3


Sta 1+36 Const
Std Type A or C
Manhole with
3 4" Stubs NW & S
Sta 1+90 Const
Std Type A or C
Manhole with
2 4" Stubs NW & NE
1-6" CICL MJ
45° Bend
1-6" CICL MJ
90° Bend
61' 6" AC
Pipe
168' 6" AC
Pipe
10' Water
Esmt
20' Utility
Esmt
160' 6" AC
Pipe
100' 6" AC
Pipe
LINE 1
LINE 2
SETBACK LINE
83.6'
15.15'
Sta 0+00 Connect
to Exist Manhole
Reshape Invert
1-6" CI MJ Cap
Tapped 2"
1-2" Blow Off
Assy
CONCRETE APPROACH
Sta 2+00 Connect
to Exist. Manhole
Regrade Top to El 151.6
Reshape Invert
48' 15" Steel
Casing Pipe
℄ OF DOUGLAS AVE
EXISTING 8" WATER LINE
1-8"x6" CIMJ
Tapping Sleeve
1-6" Tapping Valve
1-6" Valve Box
Remove & Replace
7 S.Y. Exist. Pvmt
6 L.F. Curb & Gutter
SITE PLAN
136 LF 8" VCP or ABS
@ 0.40%
Fl in 145.00
Fl out 144.90 (Ex)
LINE 1
Scale: Hor 1"=50'
Ver 1"=5'
Sta 0+00 Connect
to Ex Manhole
Regrade Top to
El 151.6
Fin Grade
Ex Ground
140 LF 8" VCP or ABS
@ 1.00%
Fl in 140.33
Fl out 140.23 (Ex)
LINE 2
150
145
140
dick brahem
architect
date

LOT 2 - B. & H. ADDITION
SITE DEVELOPMENT-UTILITIES

CITY SAN. SEWER PROJ 468-76-245-03829-000-000-0018
CITY WATER PROJ 387-60-325-80463-000-000-001

ADDRESS 8202 E. DOUGLAS