LATERAL 66
WAR INDUSTRIES SEWER

SERVING

HEDGECLIFF 2ND ADDITION

CITY OF WICHITA

PROJECT NO. 468-76-245- 81056-000-000-001

DATE: JUNE 1981

GENERAL NOTES:

1. PRESERVATION OF PROPERTY IRONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH APPLICABLE STATE LAWS.

2. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF THE EXISTING 8" SANITARY SEWER AT THE BEGINNING OF LINE NO. ONE. IF ANY DISCREPANCIES ARE FOUND REGARDING FIELD LOCATIONS, AND PLAN LOCATIONS IN THIS AREA, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR THE NECESSARY FIELD ADJUSTMENT CALCULATIONS PRIOR TO PROCEEDING.

3. AT LEAST 48 HOURS PRIOR TO BEGINNING EXCAVATION (EXCLUDING WEEKENDS AND HOLLIDAYS), THE CONTRACTOR SHALL CONTACT THE UTILITY LOCATION SERVICE — "KAN-U-DIG-IT" AT 316-267-2889 TO REQUEST THE FOLLOWING COMPANIES TO LOCATE ANY EXISTING LINES WITHIN THE PROJECT AREA: GAS SERVICE COMPANY, K. G. & E., SOUTHWESTERN BELL TELEPHONE CO., WICHITA WATER DEPT., AND THE CITIES SERVICE GAS COMPANY.

4. EXCESS EXCAVATED MATERIAL AND OTHER DEBRIS SHALL BE WASTED AS DIRECTED BY THE ENGINEER.

5. THE CONTRACTOR SHALL REMOVE TREES AS DIRECTED BY THE ENGINEER TO ALLOW FOR THE CONSTRUCTION OF THE SANITARY SEWER LINES. TREE REMOVAL IS TO BE CONSIDERED SUBSIDIARY TO ITEMS BID AND IS NOT AN ADDITIONAL PAY ITEM.

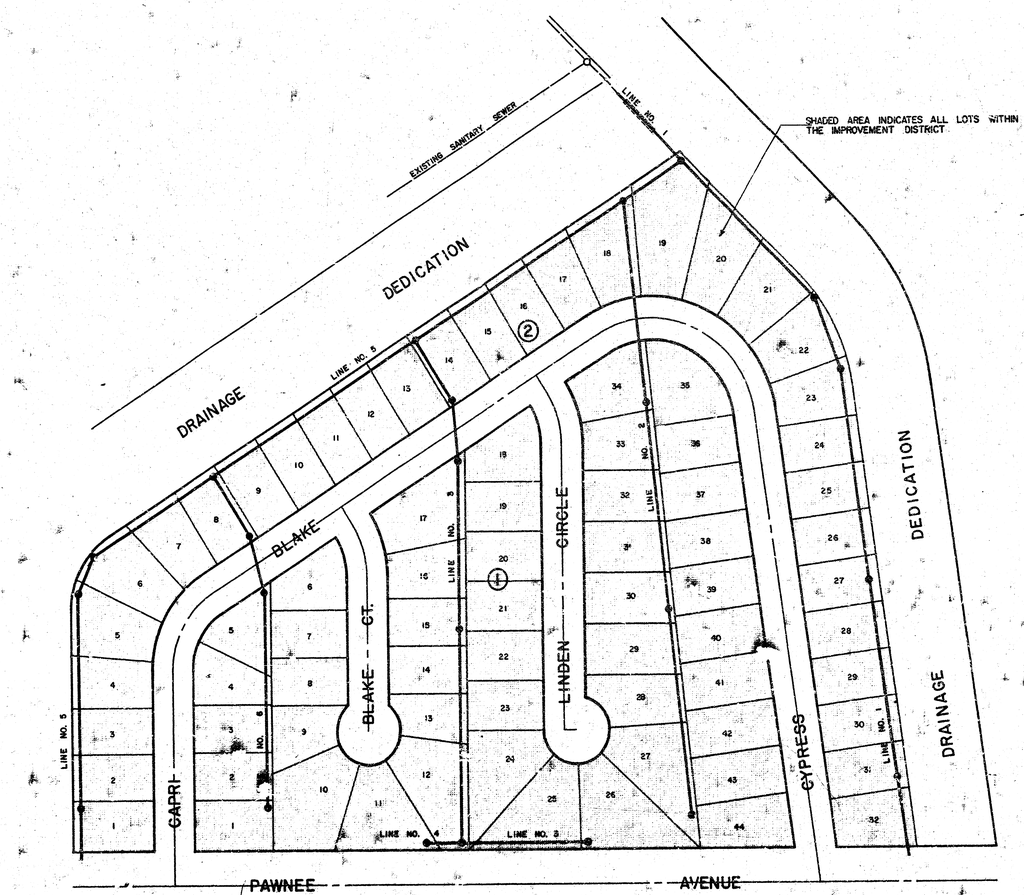
NOTE: RISER PIPE SHALL BE INSTALLED TO SERVE INDIVIDUAL LOTS OR TRACTS IN CONJUNCTION WITH NEW SANITARY SEWER CONSTRUCTION, UNLESS OTHERWISE ORDERED BY THE ENGINEER, BECAUSE OF GROUND WATER, UNSTABLE SOIL OR UNUSUALLY DEEP CONSTRUCTION. RISER LOCATIONS SHALL BE AS APPROVED BY THE PROPERTY OWNER WITH THE CONCURRENCE OF THE ENGINEER. INSTALLATION OF RISERS ON SEWERS BECAUSE OF UNUSUAL DEPTH WILL BE REQUIRED WHEN THE SEWER IS DEEPER THAN TWELVE FEET (12'). THE CONTRACTOR WILL BE REQUIRED TO FILE WRITTEN DOCUMENTATION WITH THE ENGINEER IN A FORM APPROVED BY THE ENGINEER INDICATING THE LOCATIONS WHERE RISERS ARE TO BE INSTALLED AS REQUESTED BY THE PROPERTY OWNER OR HIS AUTHORIZED REPRESENTATIVE. RISER PIPE CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS AS SHOWN ON THE STANDARD RISER DETAIL SHEET.

BENCH MARKS

1. CITY BRASS CAP 53' S. AND 47' W. OF THE CENTERLINE OF PAWNEE & WEBB ROAD. ELEV. 205.678

2. RAILROAD SPIKE IN POWER POLE 150' W. AND 25' N. OF THE CENTERLINE CYPRESS & PAWNEE. ELEV. 194.04

ELEVATIONS ARE CITY OF WICHITA DATUM



SCALE : 1" = 100'

INDEX TO SHEETS

TITLE ..... SHEET NO. 1
LINE NO. 1 ..... SHEET NO. 2
LINE NO. 2 ..... SHEET NO. 3
LINE NO. 3 & 4 ..... SHEET NO. 4
LINE NO. 5 ..... SHEET NO. 5
LINE NO. 5 & 6 ..... SHEET NO. 6

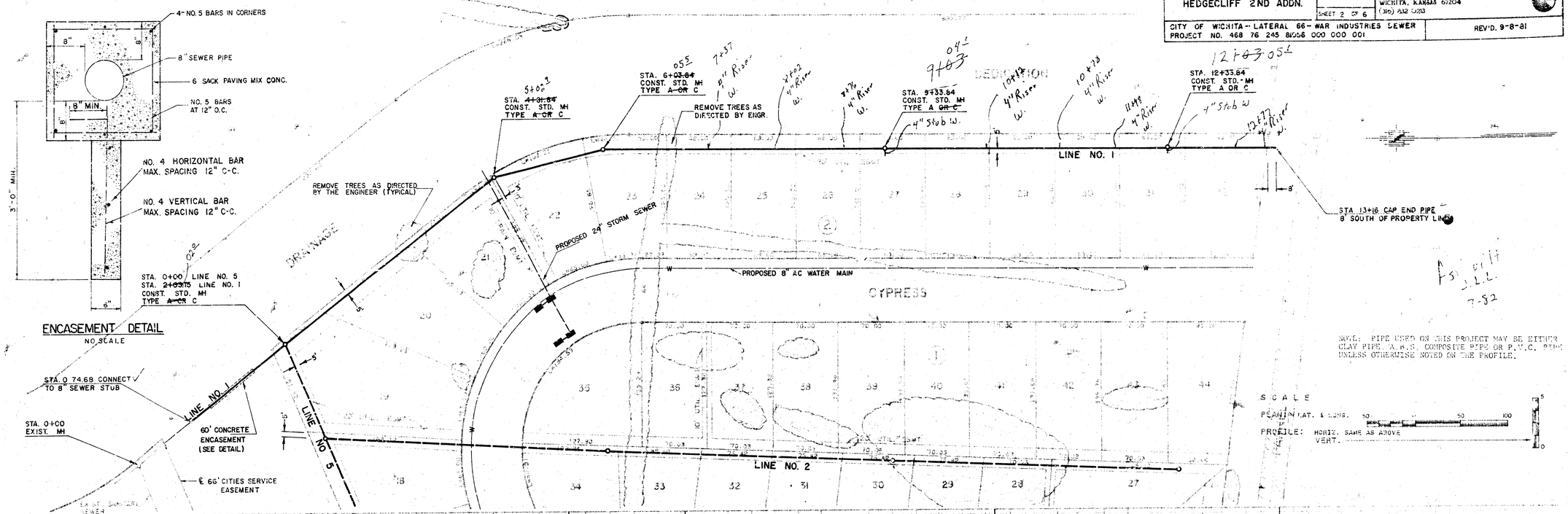
As Built
JLL
7-82

ADOLF E. REISS
LICENSED
2119
KANSAS
PROFESSIONAL ENGINEER

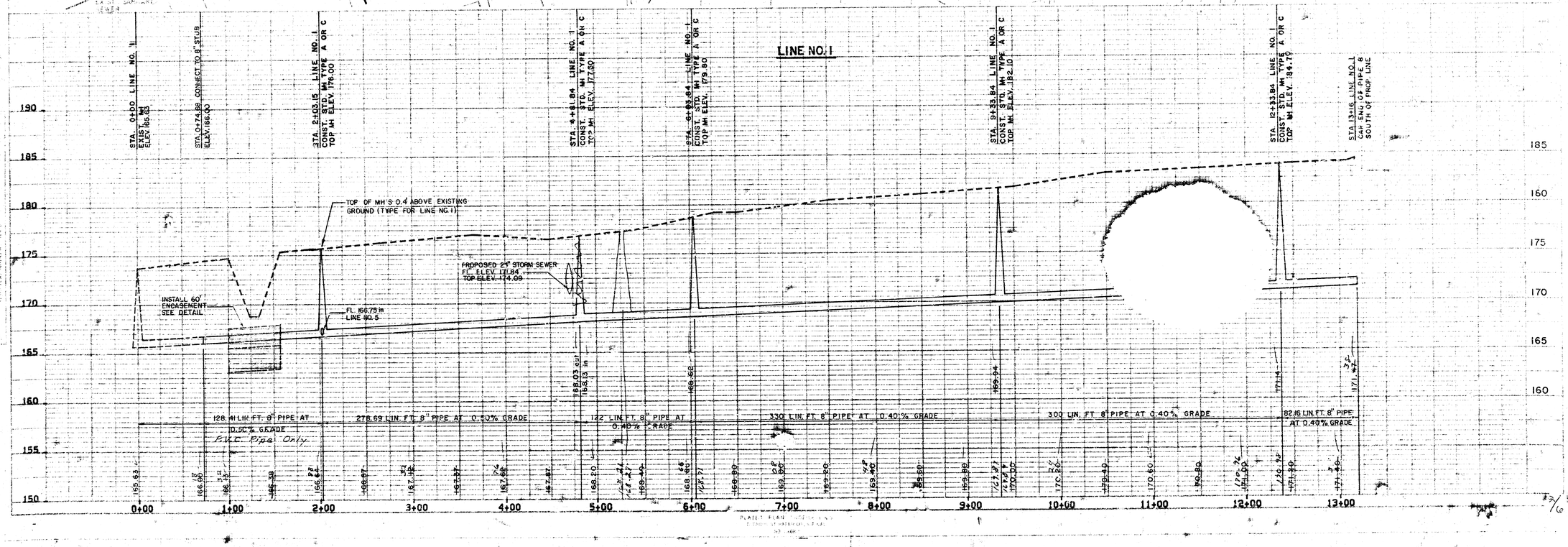
PARED BY REISS & GOODNESS ENGINEERS

SHEET 1 OF 6 REV'D. 9-8-81 1/6

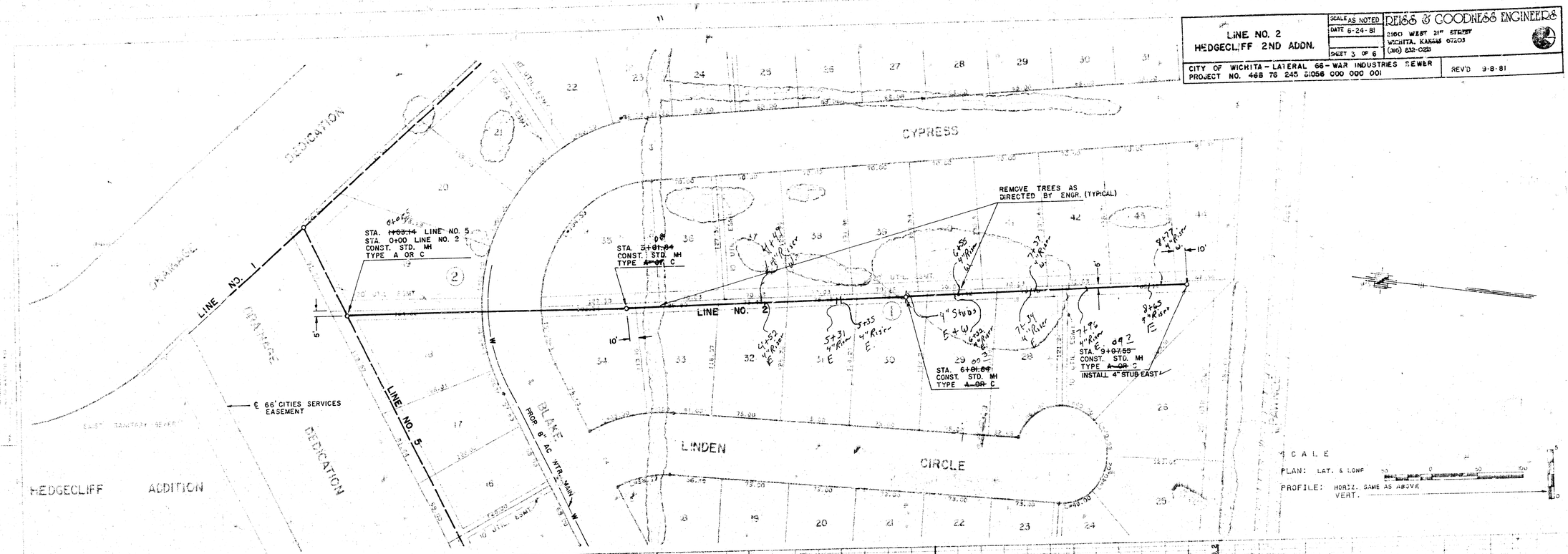
LINE NO. 1 HEDGECLIFF 2ND ADDN.	SCALE AS NOTED DATE 6-24-81 SHEET 2 OF 6	REISS & GOODNESS ENGINEERS 2160 WEST 21ST STREET WICHITA, KANSAS 67204 (316) 832-0203
CITY OF WICHITA - LATERAL 66 - WAR INDUSTRIES SEWER PROJECT NO. 468 76 245 84056 000 000 001		REV'D. 9-8-81

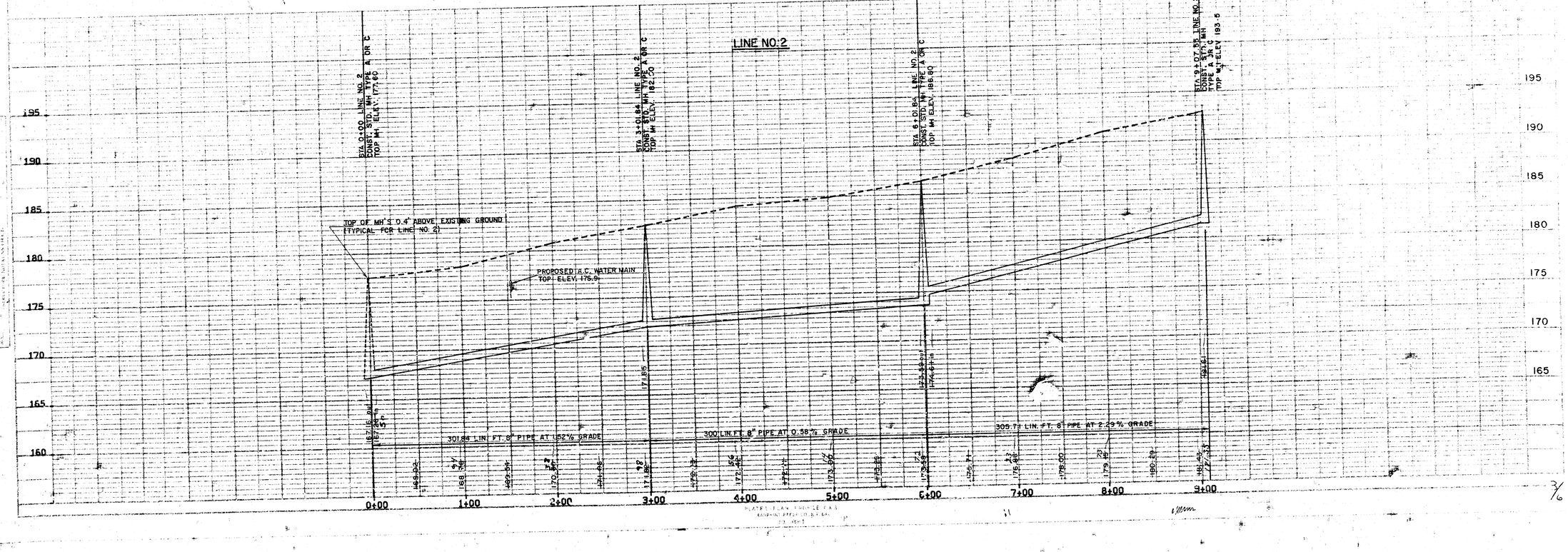


NOTE: PIPE USED ON THIS PROJECT MAY BE EITHER CLAY PIPE, A.B.S. COMPOSITE PIPE OR P.V.C. PIPE UNLESS OTHERWISE NOTED ON THE PROFILE.



LINE NO. 2 HEDGECLIFF 2ND ADDN.	SCALE AS NOTED DATE 6-24-81 SHEET 3 OF 6	REISS & COODNESS ENGINEERS 2160 WEST 21ST STREET WICHITA, KANSAS 67203 (316) 832-0253
CITY OF WICHITA - LATERAL 66 - WAR INDUSTRIES SEWER PROJECT NO. 465 76 245 01056 000 000 001		REV'D 9-8-81





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LINE NO. 3 AND 4 HEDGECLIFF 2ND ADDN.	SCALE AS NOTED DATE 6-24-81 SHEET 4 OF 6	REISS & GOODNESS ENGINEERS 2160 WEST 21ST STREET WICHITA, KANSAS 67204 (316) 832-0213
CITY OF WICHITA – LATERAL 66 – WAR INDUSTRIES SEWER PROJECT NO. 468 76 245 81056 000 000 001	REV'D 9-8-81	

* STA. 9+~~29.64~~ 38.0
CONST. STD. MH
TYPE ~~A OR~~ C
INSTALL 4" STUB N.E.

LINDEN CIRCLE

LINE NO. 4

8-39
4" Riser
N.

STA. 1+~~84.55~~ 87.2
CONST. STD. MH
TYPE ~~A OR~~ C

TREE REMOVAL BY CONTRACTOR

℄ 66' CITIES SERVICE EASEMENT

LINE NO. 5

LINE NO. 3

STA. 4+~~31.4~~ 27.0
CONST. STD. MH
TYPE A ~~OR~~ C

6-11
4" Riser
W.

6-11
4" Riser
E.

* STA. 7+~~49.85~~ 49.0 LINE NO. 3
STA. 0+00 LINE NO. 4
CONST. STD. MH
TYPE ~~A OR~~ C

STA. 1+~~06.06~~ 05.7
CONST. STD. M.H.
TYPE ~~A OR~~ C

PROP. 8" AC WATER MAIN

BLAKE

DEDICATION

* STA. 0+~~56.64~~ 54.7
CONST. STD. MH
TYPE ~~A OR~~ C
INSTALL 4" STUB N.W.

BLAKE COURT

STA. 4+97.79 LINE NO. 5
STA. 0+00 LINE NO. 3
CONST. STD. MH
TYPE A OR C

PROP. 24" STORM SEWER

* THE TOP OF MANHOLE ELEVATIONS ARE 0.4' ABOVE THE PROPOSED PROPERTY LINE ELEVATIONS AS ESTABLISHED BY THE ENGINEERING DEPARTMENT CITY OF WICHITA

As Built
JLL
7-82

SCALE
PLAN: LAT. & LONG. 50 0 50 100
PROFILE: HORIZ. SAME AS ABOVE
VERT.

LINE NO. 3

LINE NO. 4

STA. 0+00 LINE NO. 3
CONST. STD. MH TYPE A OR C
TOP MH ELEV. 183.00

STA. 1+06.06 LINE NO. 3
CONST. STD. MH TYPE A OR C
TOP MH ELEV. 183.20

STA. 1+84.55 LINE NO. 3
CONST. STD. MH TYPE A OR C
TOP MH ELEV. 184.00

STA. 4+31.4 LINE NO. 3
CONST. STD. MH TYPE A OR C
TOP MH ELEV. 187.80

STA. 7+49.85 LINE NO. 3
CONST. STD. MH TYPE A OR C
TOP MH ELEV. 197.50
PROP. P.L. 197.10

STA. 9+39.64 LINE NO. 3
CONST. STD. MH TYPE A OR C
TOP MH ELEV. 198.80
PROP. P.L. 198.40

STA. 0+00 LINE NO. 4
CONST. STD. MH TYPE A OR C
TOP MH EL. 197.10
PROP. P.L. 197.10

STA. 0+56.64 LINE NO. 4
CONST. STD. MH TYPE A OR C
TOP MH ELEV. 198.60
PROP P.L. 198.00

TOP OF MH'S 0.4' ABOVE EXISTING GROUND TYPICAL FOR LINE NO. 3 & NO. 4

PROPOSED 8" A.C. WATER MAIN TOP EL. 178.8

PROPOSED 24" STORM SEWER EL. 177.35

EL. 183.73 LINE NO. 4

105.0 LIN. FT. 8" PIPE AT 0.40% GRAD

78.55 LIN. FT. 8" PIPE AT 0.40% GRD

246.85 LIN. FT. 8" PIPE AT 1.39% GRADE

318.53 LIN. FT. 8" PIPE AT 1.39% GRADE

189.71 LIN. FT. 8" PIPE AT 0.40% GRADE

56.64 LIN. FT. 8" PIPE AT 1.52% GRADE

200 195 190 185 180 175 170 165 160

0+00 1+00 2+00 3+00 4+00 5+00 6+00 7+00 8+00 9+00 0+00 1+00

4/6

PLATE: PLAN PROFILE 4 PC
BLUEPRINT PAPER CO. 3 1 SAL
NO. 10004

LINE NO. 5 HEDGECLIFF 2ND ADDN.	SCALE AS NOTED DATE 6-24-81 SHEET 5 OF 6	DEISS & GOODNESS ENGINEERS 2160 WEST 21ST STREET WICHITA, KANSAS 67203 (316) 832-0213
CITY OF WICHITA - LATERAL 66 - WAR INDUSTRIES SEWER PROJECT NO. 468 76 245 81056 000 000 001	REV'D 9-8-81	

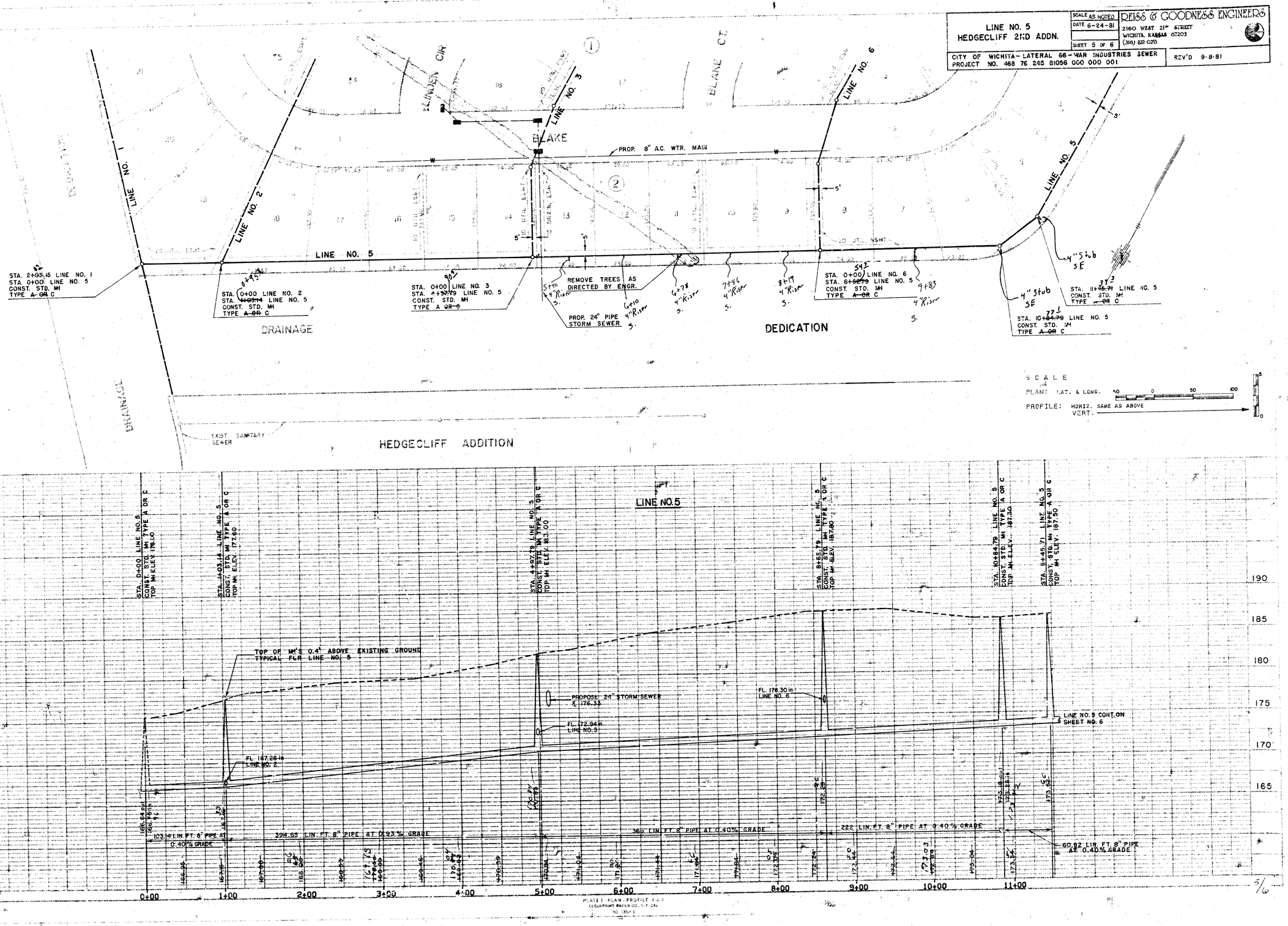


PLATE 1 PLAN - PROFILE F.A.D.
CLEARPRINT PAPER CO., S.F., CAL.
NO. 1000-I

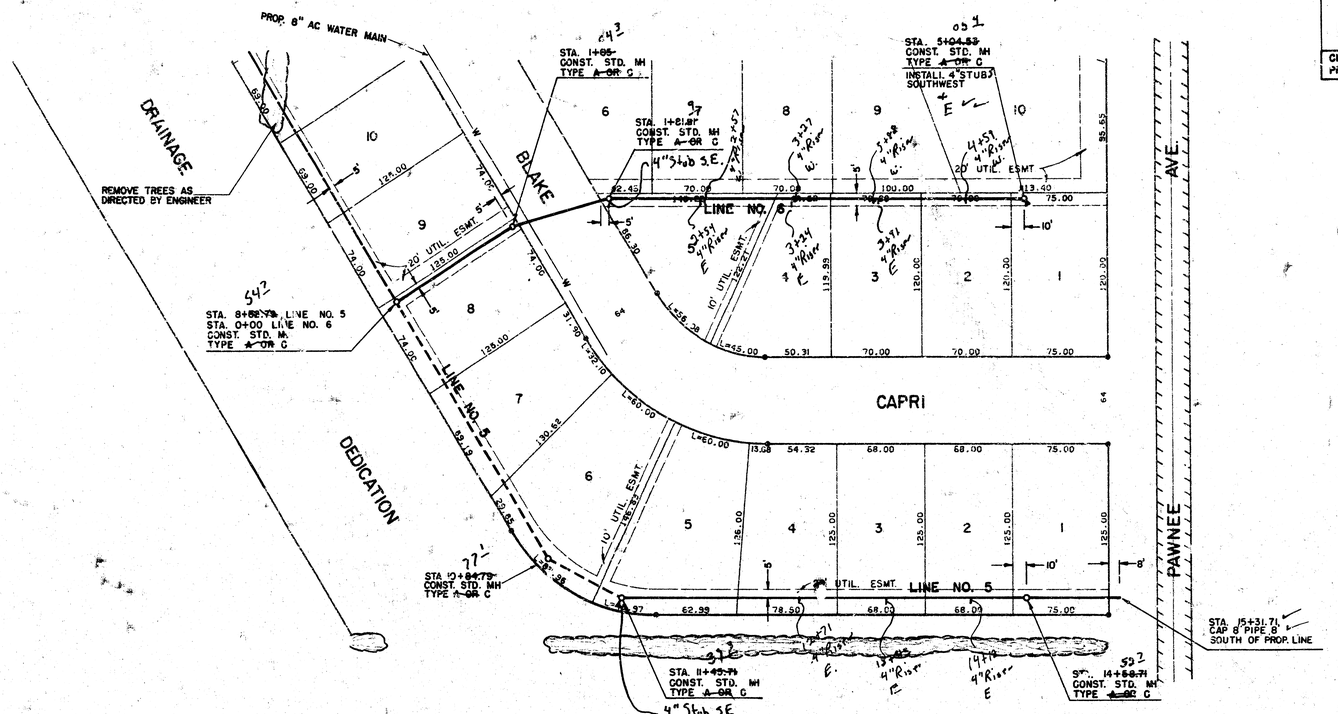
3/6

LINE NO. 5 AND 6 HEDGECLIFF 2ND ADDN.	SCALE AS NOTED DATE 6-24-81 SHEET 6 OF 6	PLESS & GOODNESS ENGINEERS 2180 WEST 21ST STREET WICHITA, KANSAS 67203 (316) 832-0233
CITY OF WICHITA - LATERAL 66 - WAR INDUSTRIES SEWER PROJECT NO. 468 76 245 R1056 000 000 001		REV'D 9-3-81

PLAN
SURVEYED
PLOTTED
NOTE BOOK ALIGNMENT CHECKED
NO. FIELD NOTE CHECKED

PROFILE
SURVEYED
PLOTTED
NOTE BOOK GRADES CHECKED
NO. STRUCTURES (TOPS) AS STAKED

DATE
BY



SCALE

PLAN: LAT. & LONG. 50 0 50 100

PROFILE: HORIZ. SAME AS ABOVE
VERT. 5 0

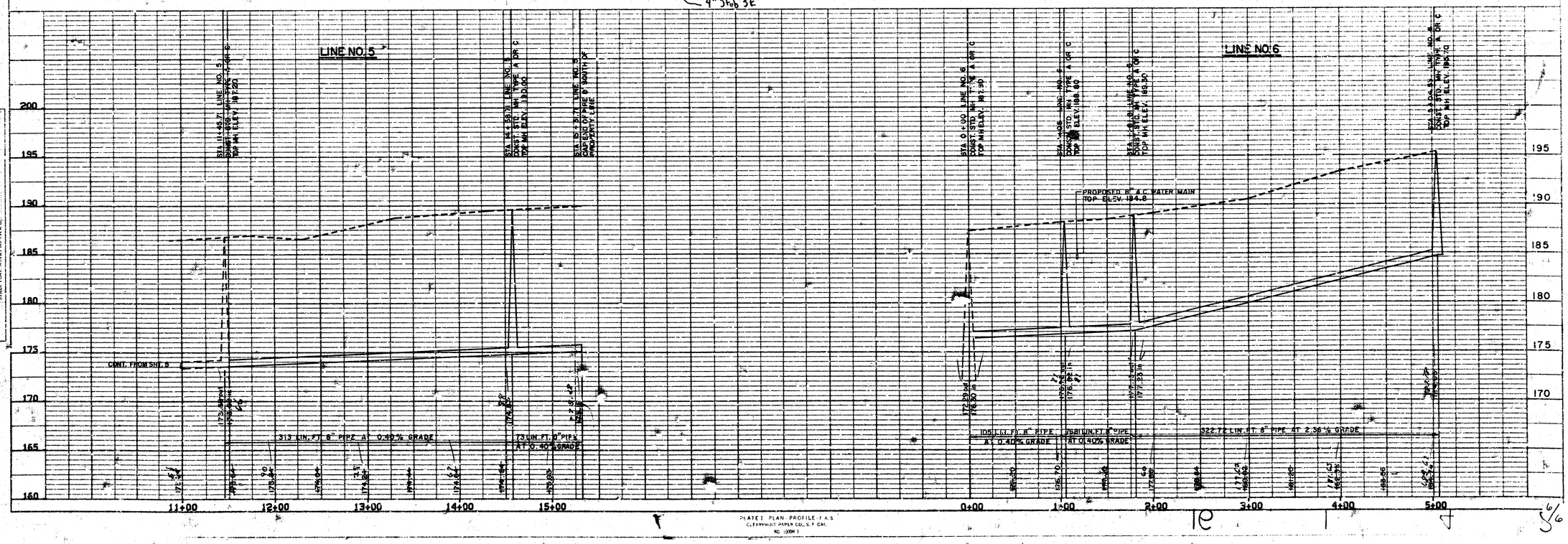


PLATE I PLAN-PROFILE-F.A.S.
CLEARWATER PAPER CO., S. F. CAL.

As Built
J.L.L.
7-82

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