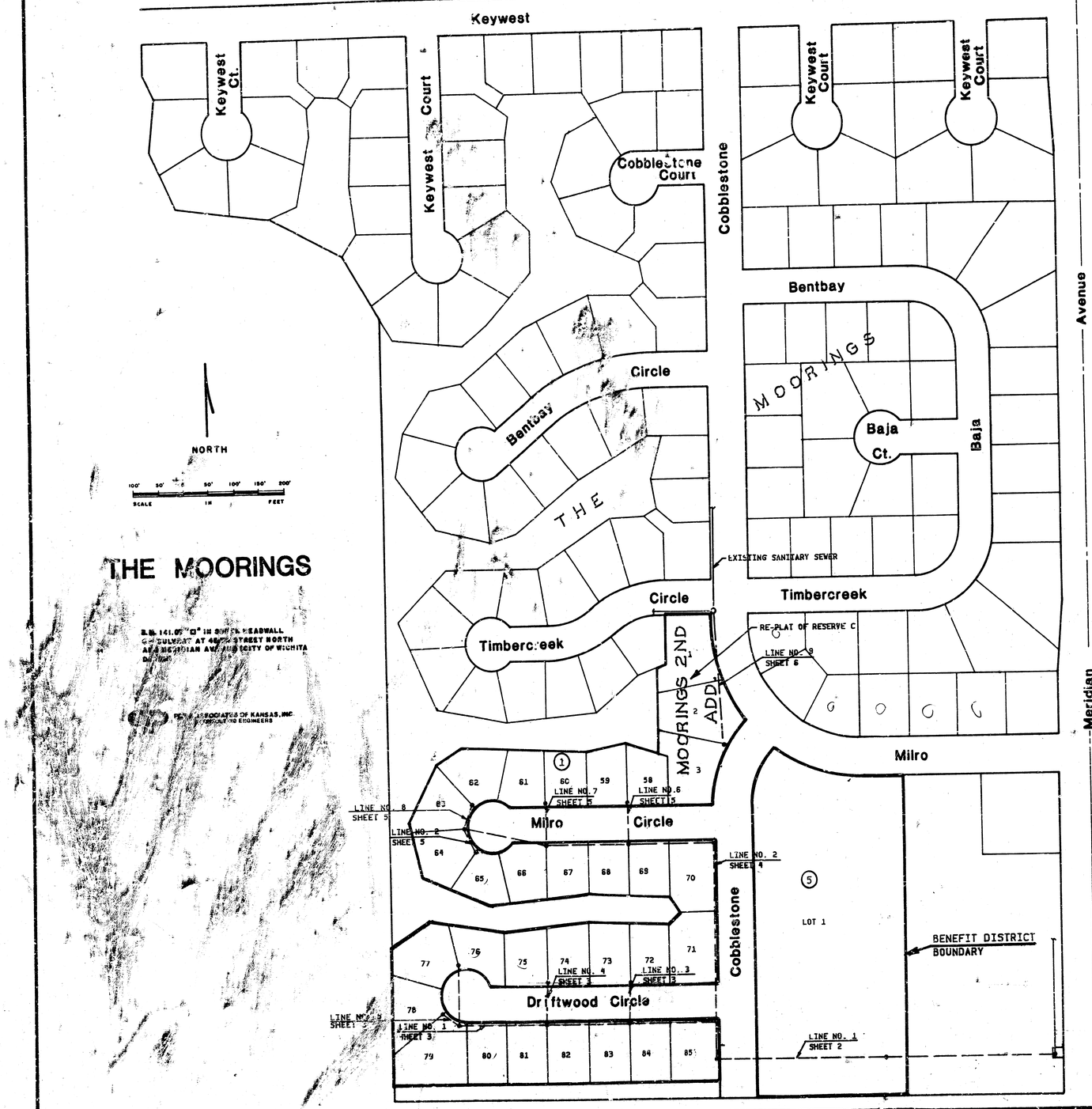


LATERAL 34, SANITARY SEWER NO. 23

CITY OF WICHITA

M.E. LINDEBAK, CITY ENGINEER

PROJECT NO. 468-76-245-80442-000-000-001

NOTE:
Notify the Production and Pumping Division of the Wichita Water Department Phone No. 268-4264 before excavating or trenching in the vicinity of the 48" water line and control cable. Control cable lies adjacent to the 48" water line. Contact Lona MacClannahan with southwestern Bell for Coordination of conflicts with burried telephone cables. Phone 268-2103

SEPTEMBER 1983

As Built
JJL
2-84

TABLE OF CONTENTS

Title Sheet----------Sheet 1
Line No. 1----------Sheet 2-3
Line No. 2----------Sheet 4-5
Line No. 3----------Sheet 3
Line No. 4----------Sheet 3
Line No. 5----------Sheet 3
Line No. 6----------Sheet 5
Line No. 7----------Sheet 5
Line No. 8----------Sheet 5
Line No. 9----------Sheet 6
Details----------Sheet 7

NOTE:
The sewer pipe on this project shall be either A.B.S. Composite Pipe or P.V.C. Plastic Pipe except as noted otherwise.

KENNY E. HILL LICENSED 2697 KANSAS PROFESSIONAL ENGINEER

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

B.M. "B" Cut in South Headwall of Culvert @ 45th and Meridian ELEVATION 141.07 City Datum

B.M. "A" Cut on North side Manhole Ring SW Corner of Cobblestone and Timbercreek ELEVATION 142.27 City Datum

NOTE: SOUTHWESTERN BELL TELEPHONE CO. MUST RELOCATE AND/OR REMOVE THEIR UTILITY TO FACILITATE CONSTRUCTION OF THIS PROJECT.

N

SCALE
Plan: 1"=40'
Profile:
Horiz.: 1"=40'
Vert.: 1"=5'

S.E. COR. S.E. 1/4 SEC. 24-26-1W

MERIDIAN AVE.

STA. 0+14 LINE NO. 1
CONNECT TO EXIST. 8" STUB
R = 128.04

20' x 20' R/W DEDICATED TO CITY FOR PUMPING STATION

S. LINE OF THE MOORINGS ADDITION

66' WIDE CITIES SERVICE GAS CO. EASEMENT

LINE NO. 1

STA. 0+00 LINE NO. 1
℄ EXISTING 8' I.D. WET WELL M.H.

STA. 3+30 LINE NO. 1
CONSTR. STD. M.H. TYPE "B" OR "C"
INSTALL 6" STUB NORTH
FL 134.00

20' UTILITY EASEMENT

CAUTION
WATER DEPARTMENT CONTROL CABLE

48" AQUA DUCT

EXISTING 8" A.C. WATER MAIN

COBBLESTONE

RESERVE B

STA. 6+60 LINE NO. 1
CONSTR. STD. M.H. TYPE "C"
INSTALL 4" STUB NW
FL 134.00

STA. 7+27.28 LINE NO. 1=
STA. 0+00 LINE NO. 2
CONSTR. STD. H.H. TYPE "C"

STA. 8+82.18 LINE NO. 1=
STA. 0+00 LINE NO. 3
CONSTR. STD. M.H. TYPE "C"
INSTALL 2-4" STUBS SW AND SE
FL 134.71

STA. 10+82.18 LINE NO. 1
STA. 0+00 LINE NO. 4
CONSTR. STD. M.H. TYPE "C"
INSTALL 2-4" STUBS SW AND SE
FL 135.35

10' UTILITY EASEMENT

LINE NO. 2 | LINE NO. 3 | LINE NO. 4

DRIFTWOOD CIRCLE

PROPOSED 6" A.C. WATER MAIN

TEL. RISER

EXISTING 10" A.B.S. COMPOSITE PIPE SANITARY SEWER

20' UTILITY EASEMENT

EXISTING PUMPING STATION

STA. 0+00 LINE NO. 1
℄ WET WELL MANHOLE
STA. 0+14 LINE NO. 1
CONNECT TO 8" STUB

STA. 3+30 LINE NO. 1
CONSTR. STD. M.H. TYPE "B" OR "C"

STA. 6+60 LINE NO. 1
CONSTR. STD. M.H. TYPE "B" OR "C"

STA. 7+27.28 LINE NO. 1=
STA. 0+00 LINE NO. 2
CONSTR. STD. M.H. TYPE "B" OR "C"

STA. 8+82.18 LINE NO. 1=
STA. 0+00 LINE NO. 3
CONSTR. STD. M.H. TYPE "B" OR "C"

STA. 10+82.18 LINE NO. 1
STA. 0+00 LINE NO. 4
CONSTR. STD. M.H. TYPE "B" OR "C"

TOP 144.28 | TOP 143.95 | TOP 144.45 | Top 144.97

PROPOSED TOP OF CURB GRADE

EXSITING GROUND LINE

TOP 141.85

EXISTING GROUND

CONTROL CABLE

48" AQUA DUCT

EXISTING 8" WATER MAIN

LINE NO. 2 FL 132.63

LINE NO. 3 FL 136.20

LINE NO. 4 FL 136.20

INSTALL 100 Lin. Ft. Reinf. Conc. Encasement

316 Lin. Ft. 8" Pipe @ 0.918%
Install 88 A.B.S. Composite Pipe Only

330 Lin. Ft. 8" Pipe @ 0.40% Grade

67.2 Lin. Ft. 8" Pipe @0.40% Grade

165 Lin. Ft. 8" Pipe @0.40% Grade

360 Lin. Ft. 8" Pipe @ 0.40% Grade

145 140 135 130 125

0 1 2 3 4 5 6 7 8 9 10

As Built 7-84

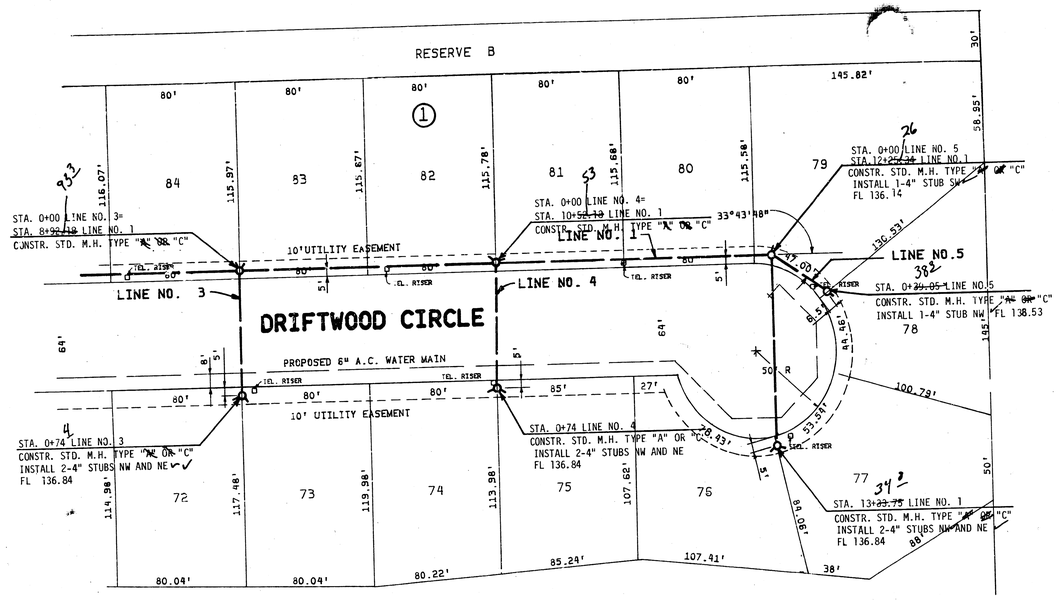
2/1

POE & ASSOCIATES CONSULTING ENGINEERS	LATERAL 34 S.S. NO. 23 CITY OF WICHITA, KANSAS
	PROJECT NUMBER 468-78-245-80442-000-000-001
	ENGINEER K. HILL / ENG TECH J.W.
	DRAWN BY J.W. / SCALE NOTED
	DATE: SEPT. 1983 / SHEET 2 OF 7

PLAN

DATE	BY	
		SURVEYED
		PLOTTED
		ALIGNMENT CHECKED
		RT. OF WAY CHECKED

NOTE BOOK NO.



As Built
J.L.L.
2-84

N

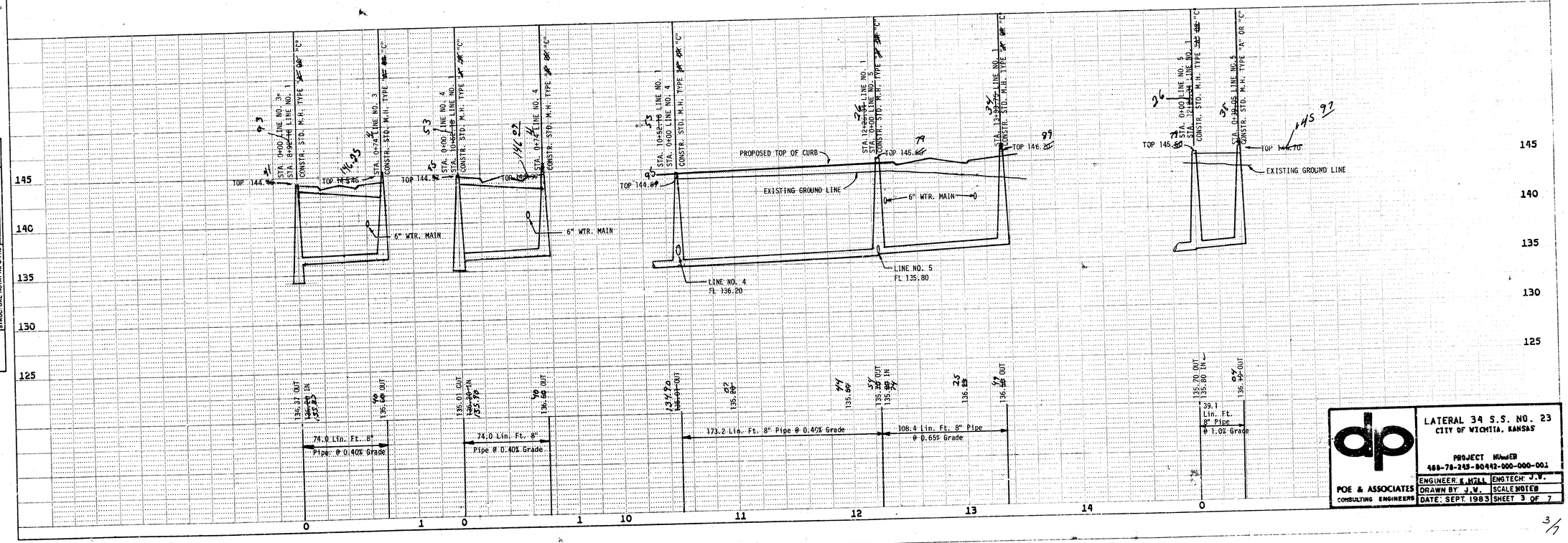
SCALE
Plan: 1"=40'
Profile:
Horiz.: 1"=40'
Vert.: 1"=5'

NOTE:
MANHOLE AT STA. 13+33.75 IS LOCATED 55' FROM CENTER LINE OF CUL-DE-SAC. MANHOLE AT STA. 0+39.05, LINE NO. 5 IS LOCATED AT 56.5' FROM CENTER LINE OF CUL-DE-SAC.

PROFILE

DATE	BY	
		SURVEYED
		PLOTTED
		GRADES CHECKED
		B.M.: NONE
		STRUCTURE NOTATNS CHKD

NOTE BOOK NO.



POE & ASSOCIATES CONSULTING ENGINEERS	LATERAL 34 S.S. NO. 23 CITY OF WICHITA, KANSAS
	PROJECT NUMBER 488-78-249-80442-000-000-001
	ENGINEER: K.M'ILL / ENGTECH: J.W.
	DRAWN BY: J.W. / SCALE: NOTED
	DATE: SEPT. 1983 / SHEET 3 OF 7

3/

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

PROFILE
SURVEYED
DATES
NOTE BOOK
NO.
CHECKED
B.M.= NOTED
STRUCTURE NO'S & TYPE
BY
DATE

STA. 0+00 LINE NO. 2 =
STA. 7+27~~78~~ LINE NO. 1
CONSTR. STD. M.H. TYPE "~~A~~ ~~OR~~ "C"

70'

LINE NO. 1

DRIFTWOOD CIRCLE

90' 80' 80' 80' 80'

Sta 1065

INSTALL 4" RISER @ ℄ OF LOT 71
TOP ELEV. ~~136.4~~ 136.48

71 72 73 74 75

114.98' 117.48'

135'

LINE NO. 2

COBBLESTONE

EXISTING 8" A.C. WATER MAIN

70'

28.30'

36.08'

RESERVE A

8'

5'

135'

80.04' 80.04' 80.22'

70 69 68 67 66

105' 102.5' 100' 105.95'

98 2

STA. 4+~~99~~ LINE NO. 2
STA. 0+00 LINE NO. 6
CONSTR. STD. M.H. TYPE "~~A~~ ~~OR~~ "C"
INSTALL 2-4" STUBS SW AND SE
FL ~~135.07~~

10' UTILITY EASEMENT

90' 80' 80' 80' 65'

5'

TEL. RISER

LINE NO. 2

LINE NO.

336

STA. 3+~~34~~ LINE NO. 2
CONSTR. STD. M.H. TYPE "~~A~~ ~~OR~~ "C"
INSTALL 1-4" STUB SW
FL 134.41

64'

MILRO CIRCLE

LINE NO. 6

70'

TEL. RISER

PROPOSED 6" A.C. WATER MAIN

TEL. RISER

TEL. RISER

587

STA. 6+~~59~~ LINE NO. 2=
STA. 0+00 LINE NO. 7
CONSTR. STD. M.H. TYPE "~~A~~ ~~OR~~ "C"
INSTALL 2-4" STUBS SW AND SE
FL ~~135.71~~

N

SCALE
Plan: 1"=40'
Profile:
Horiz.: 1"=40'
Vert.: 1"=5'

STA. 0+00 LINE NO. 2=
STA. ~~7+27.48~~ LINE NO. 1
CONSTR. STD. M.H. TYPE "~~A~~ ~~OR~~ "C"

STA. 3+~~34~~ LINE NO. 2
CONSTR. STD. M.H. TYPE "~~A~~ ~~OR~~ "C"

STA. 4+~~99~~ LINE NO. 2=
STA. 0+00 LINE NO. 6
CONSTR. STD. M.H. TYPE "~~A~~ ~~OR~~ "C"

STA. 6+~~59~~ LINE NO. 2=
STA. 0+00 LINE NO. 7
CONSTR. STD. M.H. TYPE "~~A~~ ~~OR~~ "C"

TOP 143.95

TOP 142.~~88~~ Proposed Top of Curb

Existing Ground Line

TOP 144.~~44~~

TOP 144.90

LINE NO. 1
FL 132.63

LINE NO. 6
FL 136.20

LINE NO. 7
FL 136.20

145 140 135 130 125

132.~~42~~ 62

(32.2' 133.~~48~~

133.~~40~~ 20

133.~~88~~ 65

133.~~87~~ OUT 76
134.~~07~~ IN
(~~33.18~~

134.~~83~~ 25

134.~~70~~ 57

135.~~1~~ 03

135.~~32~~ 25

334 Lin. Ft. 8" Pipe @ 0.40% Grade

165 Lin. Ft. 8" Pipe @ 0.40% Grade

160 Lin. Ft. 8" Pipe @ 0.40% Grade

0 1 2 3 4 5 6

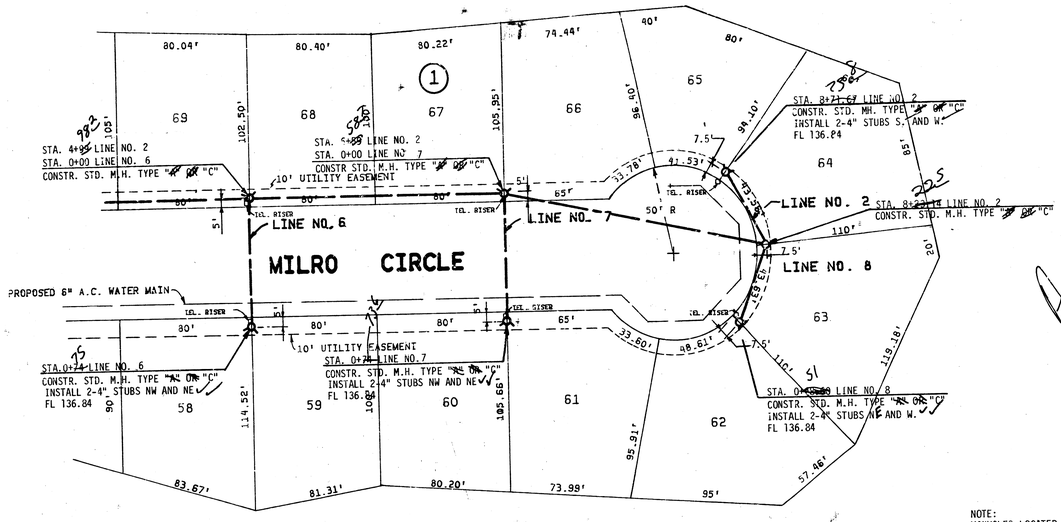
POE & ASSOCIATES
CONSULTING ENGINEERS

LATERAL 34 S.S. NO. 23
CITY OF WICHITA, KANSAS

PROJECT NUMBER
468-78-245-80442-000-000-001

ENGINEER: [illegible]	ENG TECH: J.E.
DRAWN BY: J.W.	SCALE: WATER
DATE: SEPT. 1983	SHEET 4 OF 7

4/1

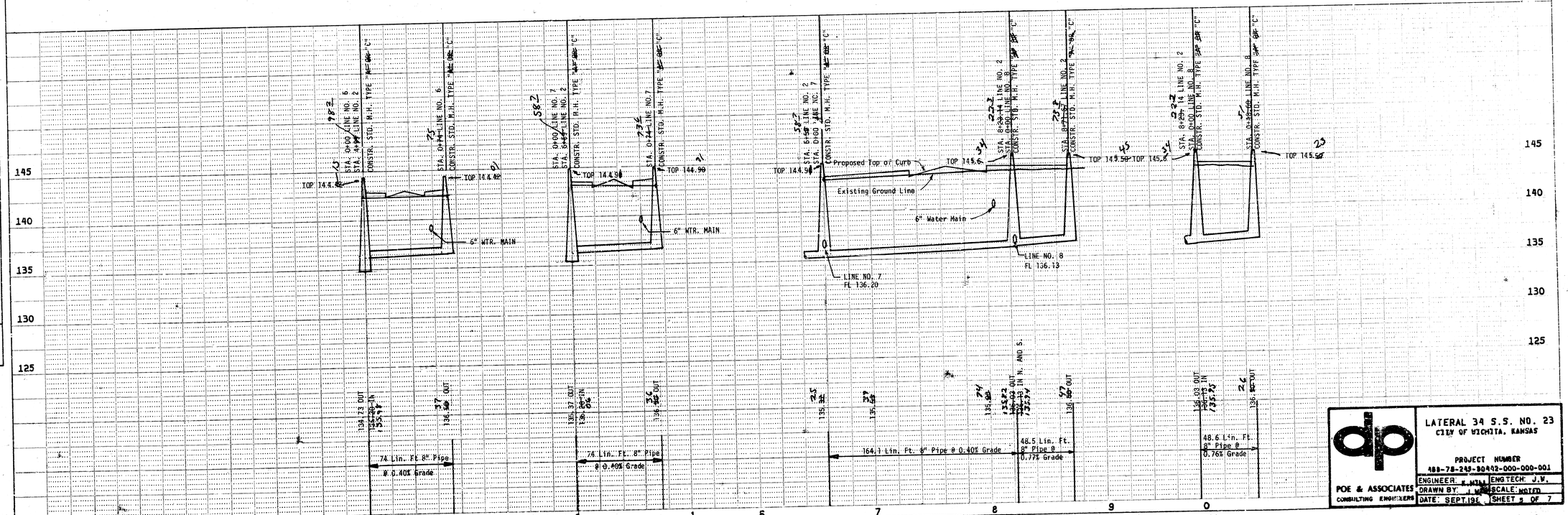


SCALE
Plan: 1"=40'
Profile:
Horiz.: 1"=40'
Vert.: 1"=5'

NOTE:
MANHOLES LOCATED AT STA. 8+23.14, 8+71.67 LINE NO. 2 AND AT STA. 0+48.60 LINE NO.8 ARE LOCATED 57.5' FROM ℄ CUL-DE-SAC.

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

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
ALIGNMENT CHECKED
NOTE BOOK
NO.
STRUCTURE NO'S & NAMES GIVEN
DATE
BY



POE & ASSOCIATES
CONSULTING ENGINEERS

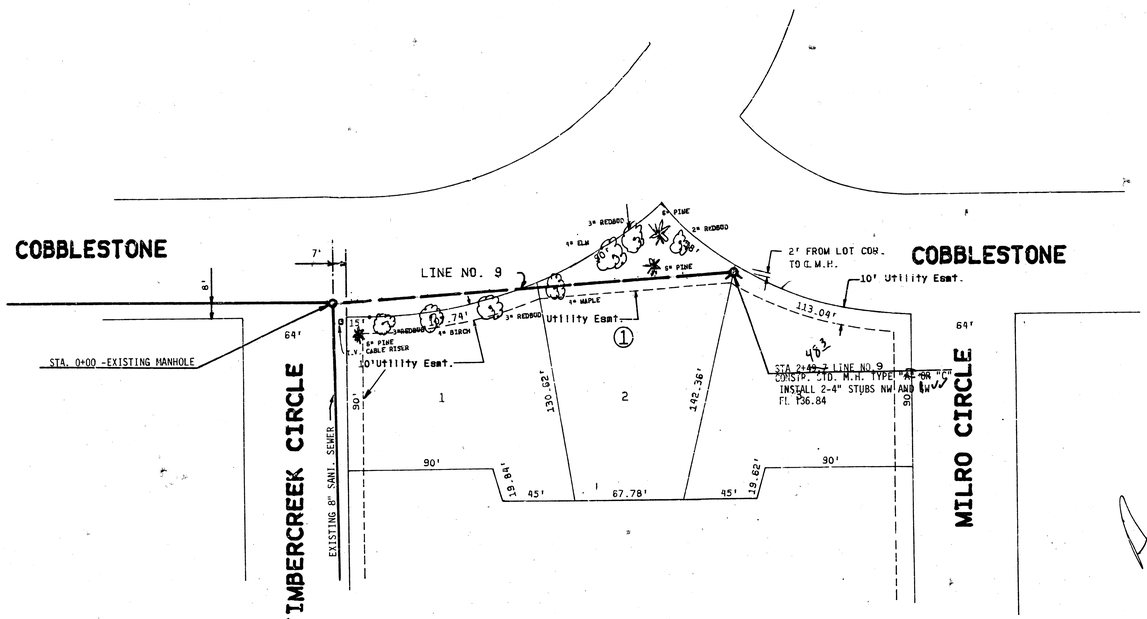
LATERAL 34 S.S. NO. 23
CITY OF WICHITA, KANSAS

PROJECT NUMBER
488-78-249-80492-000-000-001

ENGINEER: K.M.M. | ENG TECH: J.W.
DRAWN BY: J.W. | SCALE: NOTED
DATE: SEPT.'84 | SHEET 2 OF 7

5/7

PLAN
SURVEYED
DRAWN
ALIGNMENT CHECKED
GRADES CHECKED
NOTE BOOK
NO.
BY
DATE

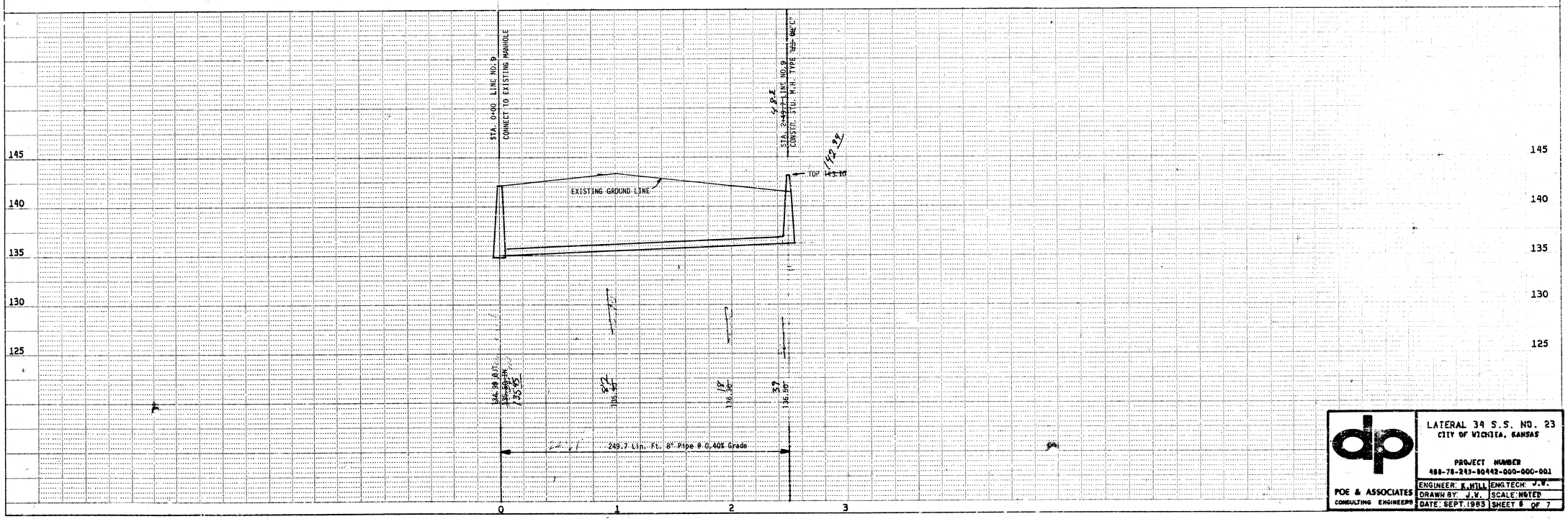


As Built
J.L.L.
2-84

N

SCALE
Plan: 1"=40'
Profile:
Horiz.: 1"=40'
Vert.: 1"=5'

PROFILE
SURVEYED
DRAWN
GRADES CHECKED
NOTE BOOK
NO.
BY
DATE
STRUCTURE NOTATNS CHKD



POE & ASSOCIATES
CONSULTING ENGINEERS

LATERAL 34 S.S. NO. 23
CITY OF WICHITA, KANSAS

PROJECT NUMBER
488-78-243-80442-000-000-001

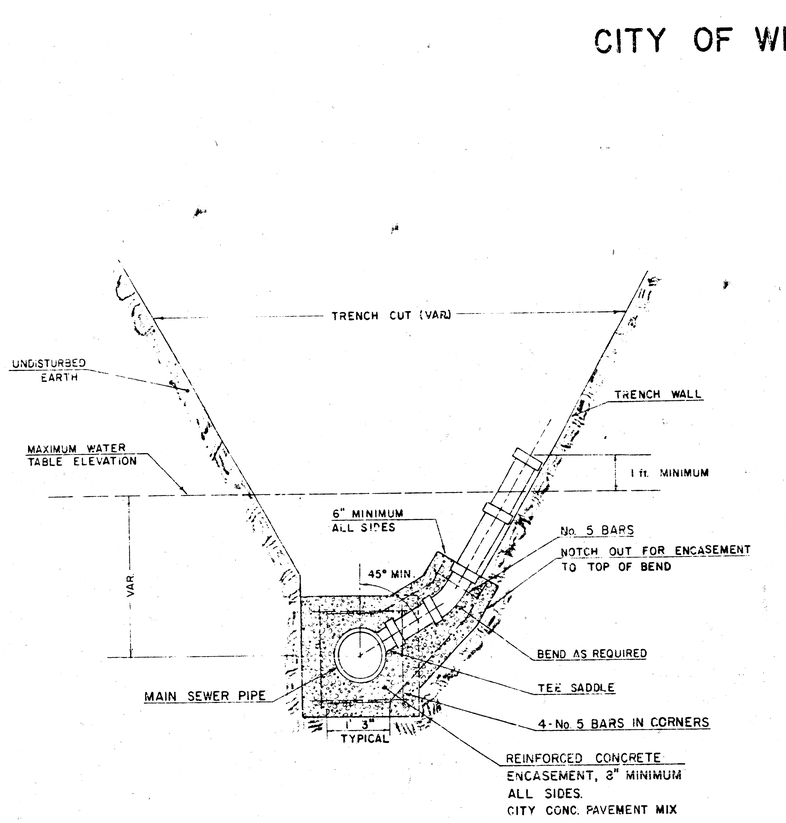
ENGINEER: K.HILL	ENG.TECH: J.W.
DRAWN BY: J.W.	SCALE: NOTED
DATE: SEPT. 1983	SHEET 6 OF 7

6/7

VERTICAL RISER DETAIL

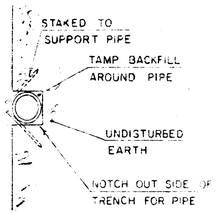
ADOPTED AS STANDARD DESIGN
BY

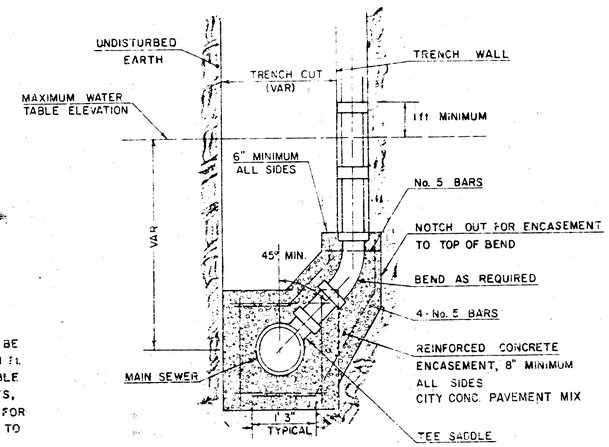
CITY OF WICHITA, KANSAS



TYPICAL RISER FOR SLOPING TRENCH WALLS

NOTE:
TOP OF 4" OR 6" RISER PIPE TO BE EXTENDED TO AN ELEVATION OF 1 Ft. MINIMUM ABOVE THE WATER TABLE ELEVATION, WHEN WATER EXISTS, OR TO AN ELEVATION SUITABLE FOR PROVIDING SERVICE TO THE LOT TO BE SERVED AND THEN PLUGGED.





TYPICAL RISER FOR VERTICAL TRENCH WALLS

POE & ASSOCIATES CONSULTING ENGINEERS	LATERAL 34 S.S. NO. 23 CITY OF WICHITA, KANSAS
	PROJECT NUMBER 468-78-245-80442-000-000-001
ENGINEER: K. HILL	CHECKED BY: J.W.
DRAWN BY: J.W.	SCALE: N/A
DATE: SEPT. 1983	SHEET 7 OF 7

7/7