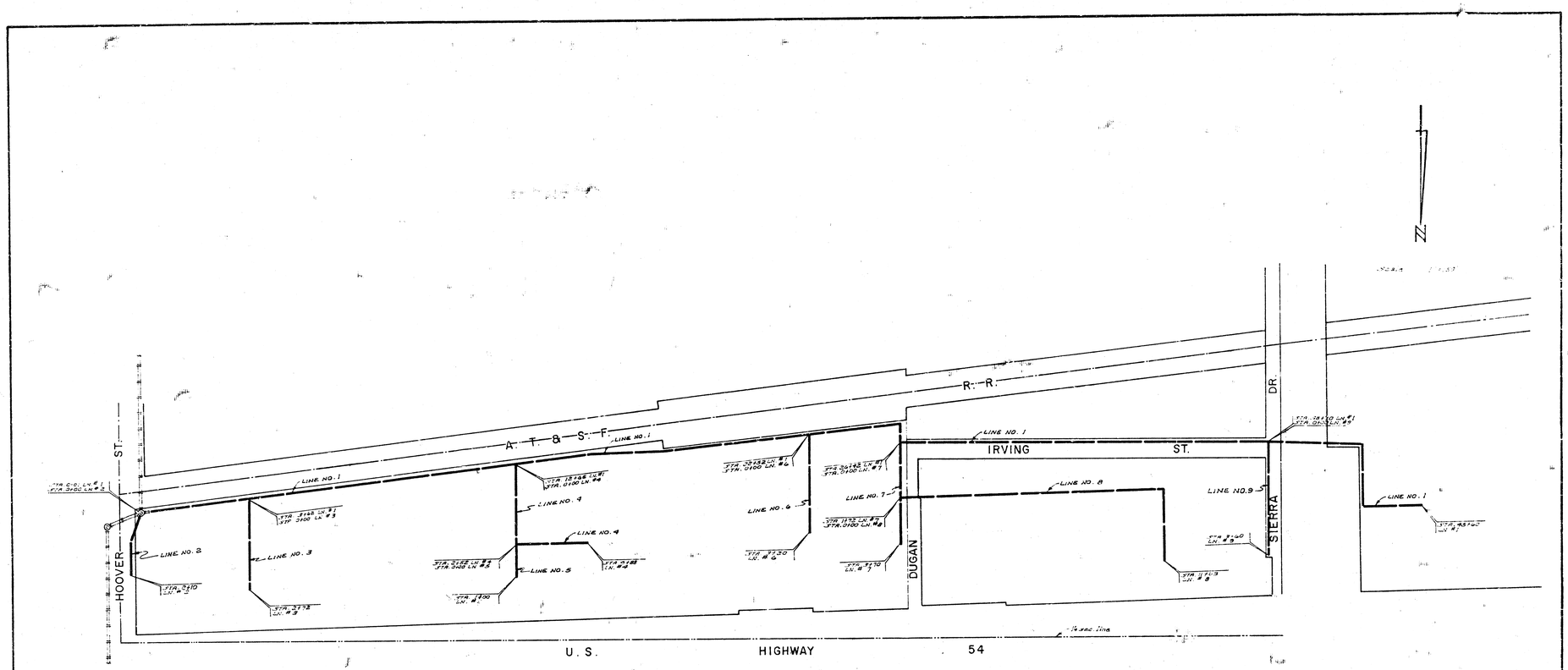


NOTE: SHEET 3 & 4 REVISED NOV. 1, 1971

LAT. 43, S.W. INTERCEPTOR

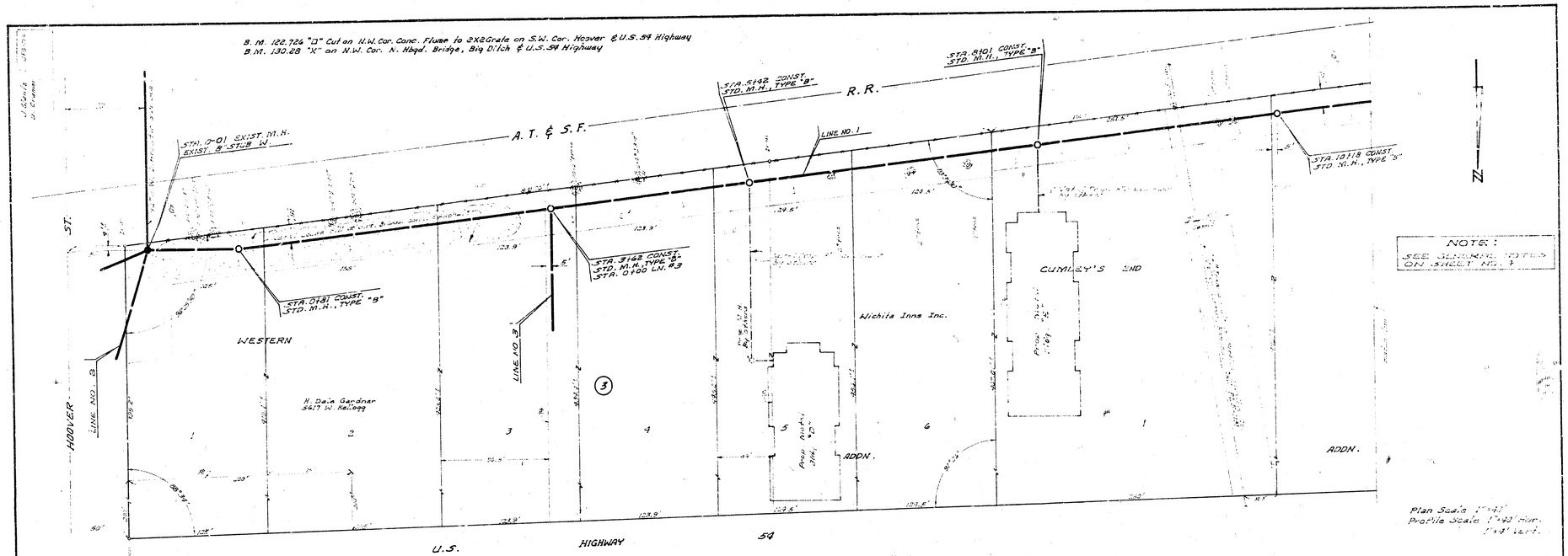
CITY OF WICHITA, KANSAS - R.W. LINN, CITY ENGINEER

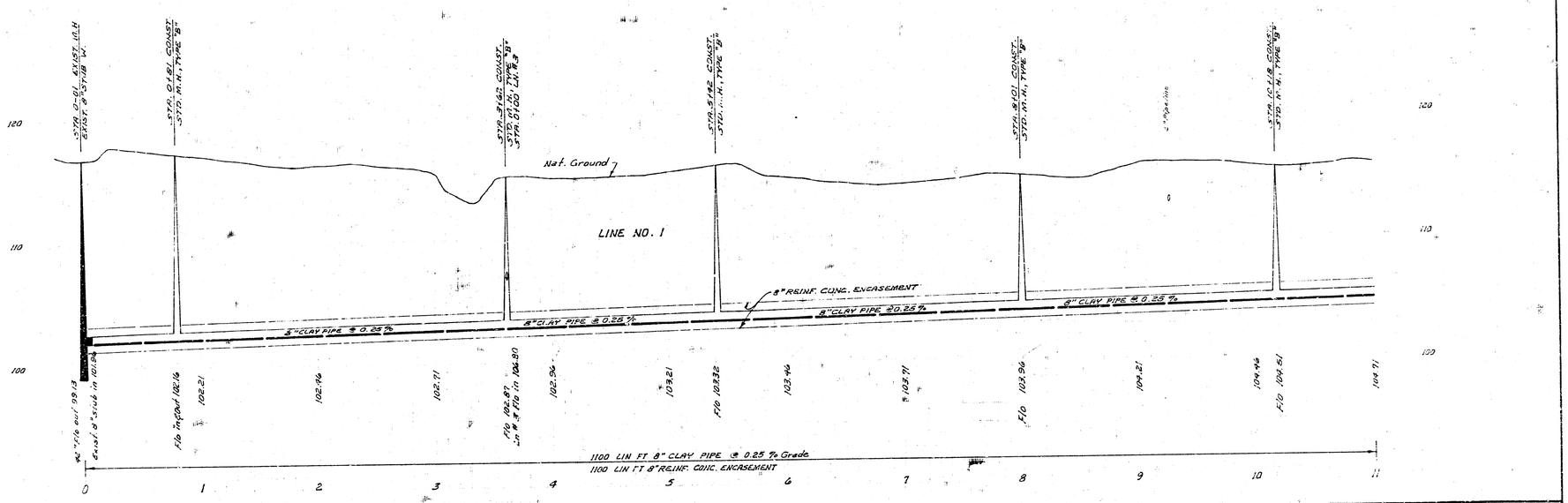
PROJECT NO. DBKL571031

SHEET 1 OF 10

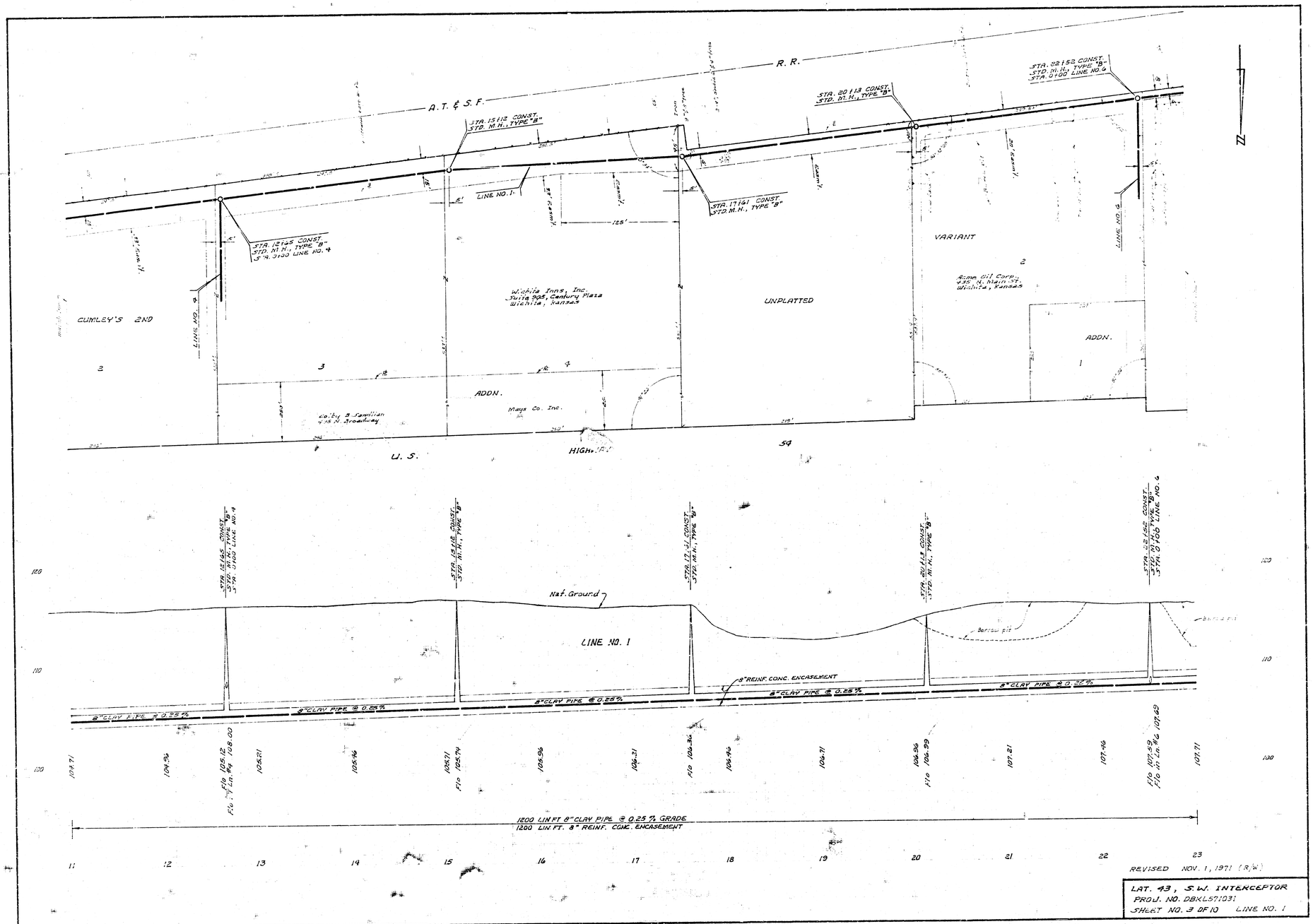
DATE: NOV. 1, 1971

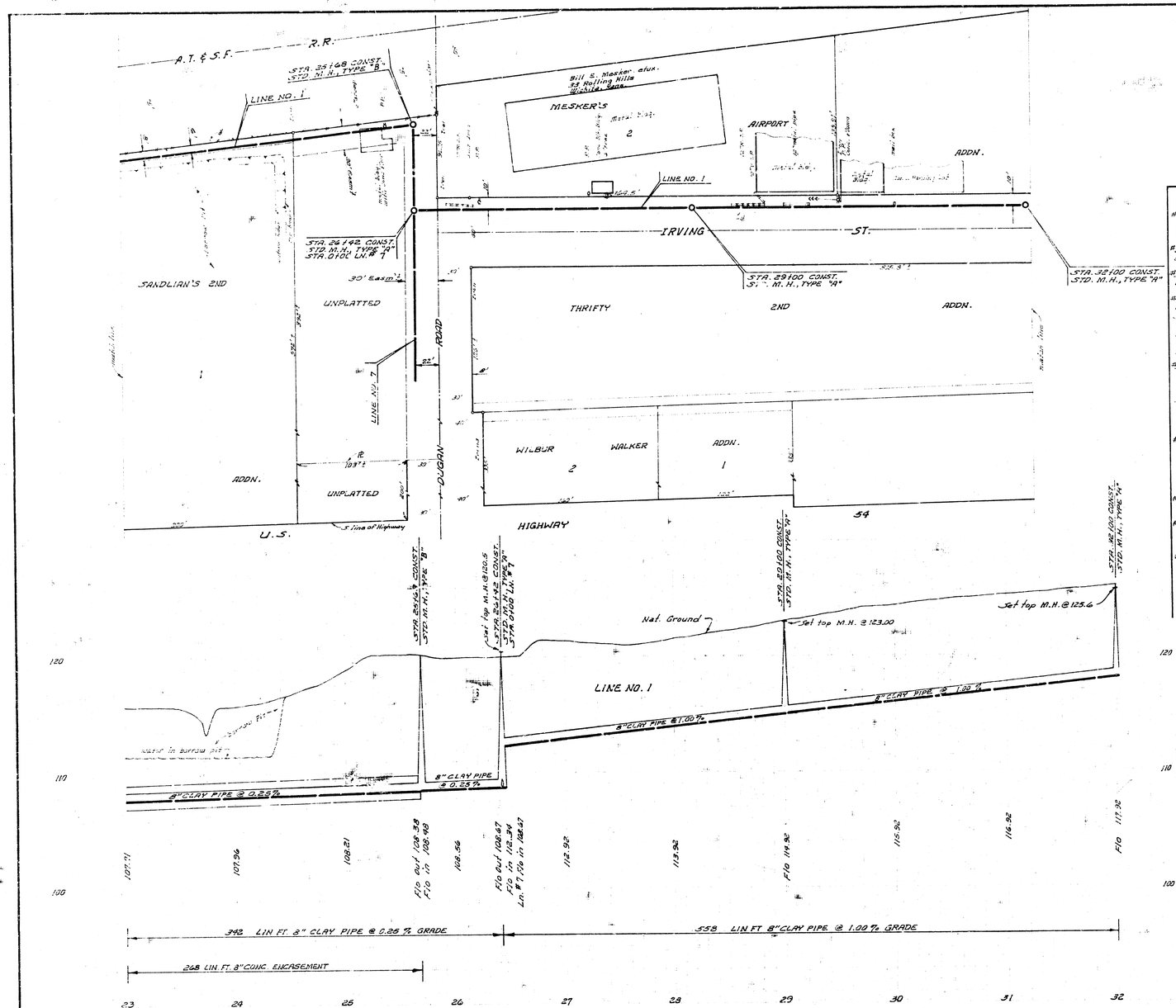
B. M. 122.724 "D" Cut on N.W. Cor. Conc. Flume to 2X2 Grafe on S.W. Cor. Hoover & U.S. 54 Highway
B.M. 130.28 "X" on N.W. Cor. N. Hwy. Bridge, Big Ditch & U.S. 54 Highway





LAT. 43, S.W. INTERCEPTOR
PROJ. NO. DBKL57.1031
SHEET NO. 2 OF 10 LINE NO. 1


A.T. & S.F. R.R.
STA. 15112 CONST. STD. M.H., TYPE "B"
STA. 20113 CONST. STD. M.H., TYPE "B"
STA. 22152 CONST. STD. M.H., TYPE "B" STA. 0+00 LINE NO. 4
STA. 12145 CONST. STD. M.H., TYPE "B" STA. 9+00 LINE NO. 4
STA. 17141 CONST. STD. M.H., TYPE "B"
LINE NO. 1
LINE NO. 4
LINE NO. 5
CUMLEY'S 2ND
ADDN.
VARIANT
ADDN.
UNPLATTED
Wichita Inns, Inc. Suite 905, Century Plaza Wichita, Kansas
Acme Oil Corp. 135 N. Main St. Wichita, Kansas
Mays Co. Inc.
U. S. HIGHWAY 54
Nat. Ground
LINE NO. 1
8" REINF. CONC. ENCASEMENT
8" CLAY PIPE @ 0.25%
8" CLAY PIPE @ 0.33%
8" CLAY PIPE @ 0.32%
1200 LIN. FT. 8" CLAY PIPE @ 0.25% GRADE
1200 LIN. FT. 8" REINF. CONC. ENCASEMENT
REVISED NOV. 1, 1971 (R/W)
LAT. 43, S.W. INTERCEPTOR
PROJ. NO. DBKLS71031
SHEET NO. 3 OF 10 LINE NO. 1



GENERAL NOTES:

#1 The area between Sta. 0+01 & Sta. 31+21 Line No. 1, is designated a dump area. All trees, brush & trash shall be removed & hauled from project & shall be considered incidental to the project.

#2 Cost of removing & replacing mailboxes, road signs etc. shall be considered incidental to the project.

#3 All costs of installation of the 20" casing @ crossing on Airport Road shall be included in bid item "Lin. ft. 20" steel casing".

#4 The contractor shall remove & replace all asphalt driveways & asphalt surfaced parking lots as set forth in the standard specifications of the City of Wichita for Asphalt Pavement removal work & replacement items. All costs of furnishing materials, manipulation and other incidental items necessary to complete the work shall be considered incidental to the project.

#5 "Lin. ft. Road Gravel." After construction operations are complete on Irving St. from Dugan Rd. to Sierra Dr. & on Dugan Rd. from Irving St. to 193' S. of S. L. of U.S. Highway 54, the roadbed shall be shaped & graded for a width of 33' & shall be surfaced with road gravel @ the rate of 400 lbs per lin. ft. applied as set forth in the standard specifications of the City of Wichita for asphalt pavement. Payment shall be made as lin. ft. of road gravel in place.

#6 "Culverts & ditches." After backfilling operations have been completed, all street & driveway culverts & drainage structures which have been removed or damaged shall be restored to proper lines & grades, using new or removed material as necessary. All road ditches shall be graded for proper drainage & restored to their original condition.

#7 Cost of removing & replacing 4" drain tile @ Sta. 31+30 & 31+55 Ln. #1 shall be incidental to the project.

#8 All costs of the removal of the building @ Sta. 25+30 on Line No. 1, hauling from the site etc. shall be included in the bid item "Building Removed."

#9 All sand backfill is to be flushed & vibrated and shall be included in bid price of lineal Ft. of pipe. Where flushing of the excavated material is directed by the Engineer, the Contractor shall consolidate the backfill using water jets & vibrations. Flushing shall be included in the bid price of lineal Ft. of pipe.

Revised Nov. 1. 1971 (R/W & GEN. NOTE)

LAT. 93, S.W. INTERCEPTOR
PROJ. NO. DBKLS71031
SHEET NO. 4 OF 10 LINE NO. 1

B.M. 131.58 "X" Cut Top 10" Conc. Curb 15' S. OF & OF IRVING @ W. L. SIERRA DR.

A. T. & S. F. — R. R.

MESKER'S AIRPORT ADDN.

WICHITA MUNICIPAL AIRPORT

UNPLATTED

IRVING ST.

SIERRA DR.

WICHITA ROAD

THRIFTY

THRIFTY 2ND

ADDN.

"RESERVE C"

20' EASEMENT

STA. 35116 CONST. STD. M.H., TYPE "A"

STA. 37100 CONST. STD. M.H., TYPE "A"

STA. 38170 CONST. STD. M.H., TYPE "A" STA. 0100 LN. #3

NOTE: SEE SHEET NO. 10 FOR CASING DETAIL.

STA. 41723 CONST. STD. M.H., TYPE "A"

STA. 39145 CONST. STD. M.H. TYPE "A"

STA. 40109 CONST. STD. M.H., TYPE "A"

LINE NO. 1

LINE NO. 3

632.56'

2" Gas (Log Serv.)

Nat. Ground

Sat top M.H. @ 127.8

Sc. T. M.H. @ 129.6

Sat top M.H. @ 130.3

LINE NO. 1

CASING

8" CLAY PIPE @ 0.60%

8" CLAY PIPE @ 0.20%

8" DUCTILE IRON PIPE @ 0.20%

44 LIN FT. 20" ø STEEL CASING

NOTE: SEE SHEET NO. 10 FOR CASING DETAIL

670 LIN FT. 8" CLAY PIPE @ 0.60 % GRADE

95 LIN FT. 8" CLAY PIPE @ 0.20% GRADE

291 LIN FT. 8" CLAY PIPE @ 0.20% GRADE

44 LIN FT. 8" DUCTILE IRON PIPE @ 0.20% GRADE

130

120

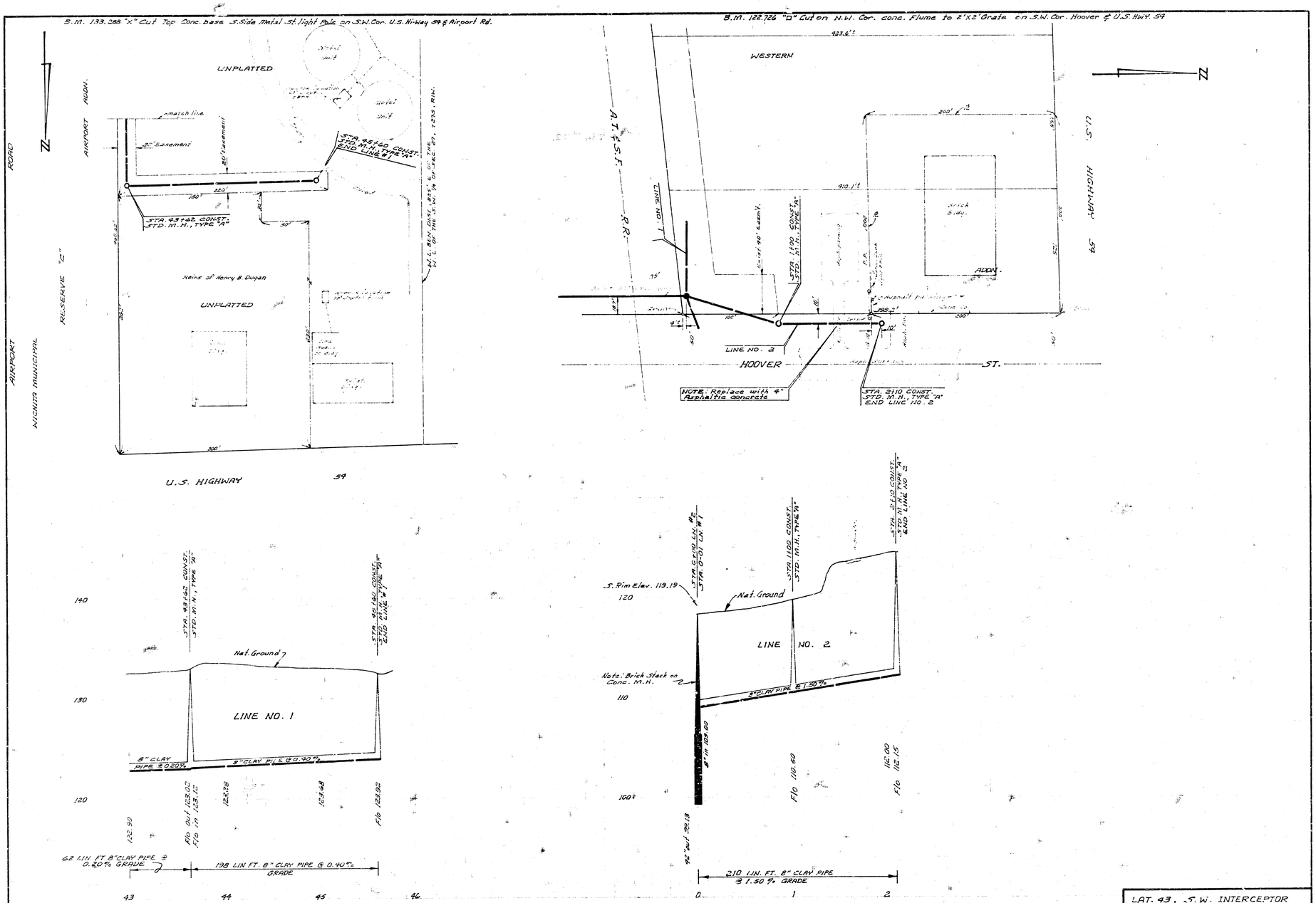
110

32 33 34 35 36 37 38 39 40 41 42 43

LAT. 43, S.W. INTERCEPTOR
PROJ. NO. DBKL571031
SHEET NO. 5 OF 10 LINE NO. 1

B.M. 133.288 "X" Cut Top Conc. base S.Side Metal St. light Pole on S.W. Cor. U.S. Hi-way 54 & Airport Rd.

B.M. 122.726 "D" Cut on N.W. Cor. conc. Flume to 2'X2' Grate on S.W. Cor. Hoover & U.S. HWY. 54



LAT. 43, S.W. INTERCEPTOR
PROJ. NO. DBKL57(G31)
SHEET NO. 6 OF 10 LINE NO. 1 & 2

B.M. 117.70 R.R. Spike S. side P. pole @ S.L. U.S. Hwy. 54 S. side Acc. Rd., 2nd Pole W. of Hoover.

B.M. 119.375 Top 3/8" Bolt N.E. cor. Flood light base N.E. cor. conc. parking to Johnson Serv. Sta. @ 6001 W. U.S. Hwy. 54

N

WESTERN

WICHITA INDUSTRIAL ENG.

NOTE: YOU MUST NEGARIED FOR PLANS DEVELOPMENT BY WICHITA INDUS. INC.

STA. 0+00 LIN. #3
STA. 3+32 LN. #1

LINE NO. 3

STA. 2+72 CONST.
STD. M.H., TYPE "A"
END LINE NO. 3

LINE NO. 1

H. Dale Gardner
Suite H Century

ADDN.

A.T. & S.F. R.R.

U.S. HIGHWAY 54

CUMLEY'S

Colby & Sandifer
435 N. Broadway

STA. 4+88 CONST.
STD. M.H., TYPE "A"
END LINE NO. 4

LINE NO. 4

STA. 0+00 LINE NO. 4
STA. 12+65 LINE NO. 1

LINE NO. 5

STA. 2+62 CONST.
STD. M.H., TYPE "A"
STA. 0+00 LN. #5

STA. 1+00 CONST.
STD. M.H., TYPE "A"
END LINE NO. 5

Wichita Ind. Inc.
Suite 935, Century Plaza

3RD ADDN.

ANDOVER

U.S. 54

A.T. & S.F. R.R.

STA. 0+00 LINE NO. 3
STA. 2+72 LN. #3

STA. 1+00 CONST.
STD. M.H., TYPE "A"
END LINE NO. 3

Set top M.H. @ 108.80

Nat. Ground

LINE NO. 3

8" CLAY PIPE @ 0.60%

F/O 103.87
F/O in 108.80

107.90

108.00

F/O 108.49

272 LIN. FT. 8" CLAY PIPE @ 0.60%

STA. 0+00 LN. #3
STA. 2+72 LN. #3

STA. 1+00 CONST.
STD. M.H., TYPE "A"
END LINE NO. 3

Nat. Ground

LINE NO. 5

8" CLAY PIPE @ 0.60%

F/O Out 109.02
F/O in 110.50

F/O 111.10

100 LIN. FT. 8" CLAY PIPE @ 0.60% GRADE

STA. 0+00 LINE NO. 4
STA. 12+65 LINE NO. 1

STA. 2+62 CONST.
STD. M.H., TYPE "A"
STA. 0+00 LN. #5

STA. 4+88 CONST.
STD. M.H., TYPE "A"
END LINE NO. 4

Nat. Ground

LINE NO. 4

8" CLAY PIPE @ 0.40%

8" CLAY PIPE @ 0.40%

F/O 105.12
8" F/O in 108.00

108.90

108.80

F/O Out 109.20
F/O in 109.10
Line #5 F/O in 110.50

108.90

108.70

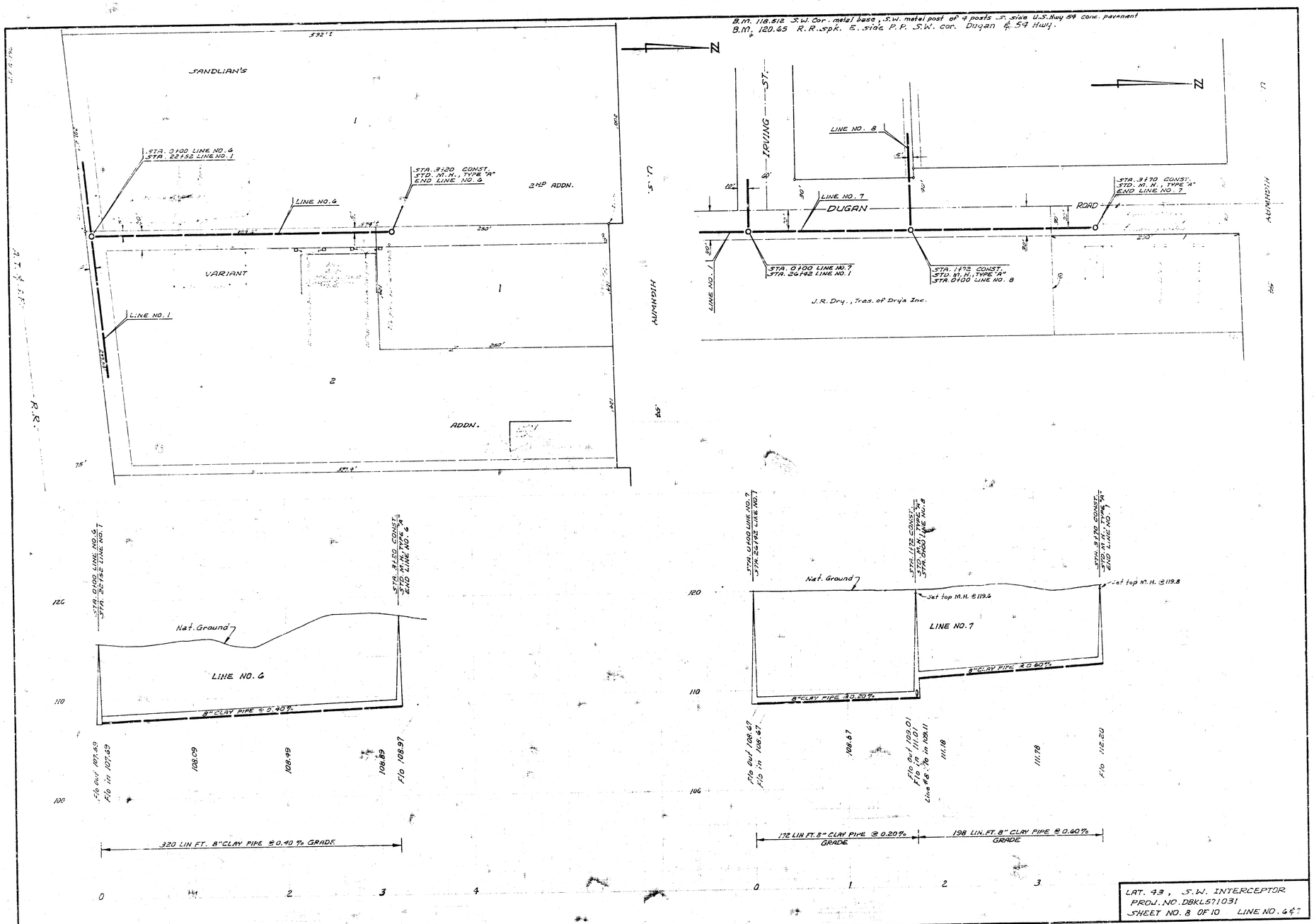
F/O 110.05

488 LIN. FT. 8" CLAY PIPE @ 0.60% GRADE

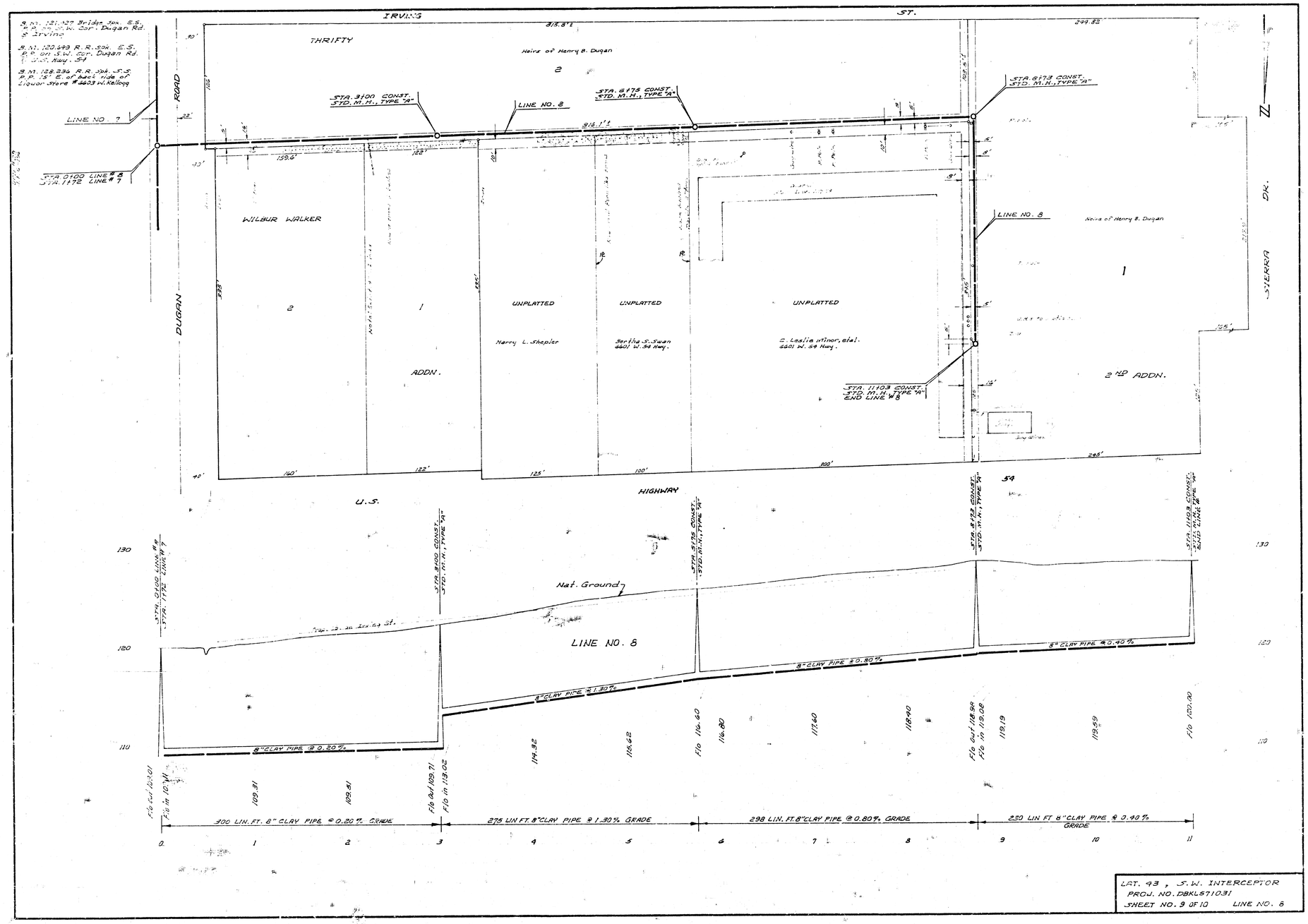
0 1 2 3 4 5

LAT. 93, S.W. INTERCEPTOR
PROJ. NO. DBKL57103:
SHEET NO. 7 OF 10 LINE NO. 3, 4 & 5

B.M. 118.812 S.W. Cor. metal base, S.W. metal post of 4 posts 3' side U.S. Hwy 54 Conc. pavement
B.M. 120.65 R.R. Spk. E. side P.P. S.W. Cor. Dugan & 54 Hwy.



LAT. 43, S.W. INTERCEPTOR
PROJ. NO. DBKL571031
SHEET NO. 8 OF 10 LINE NO. 6&7



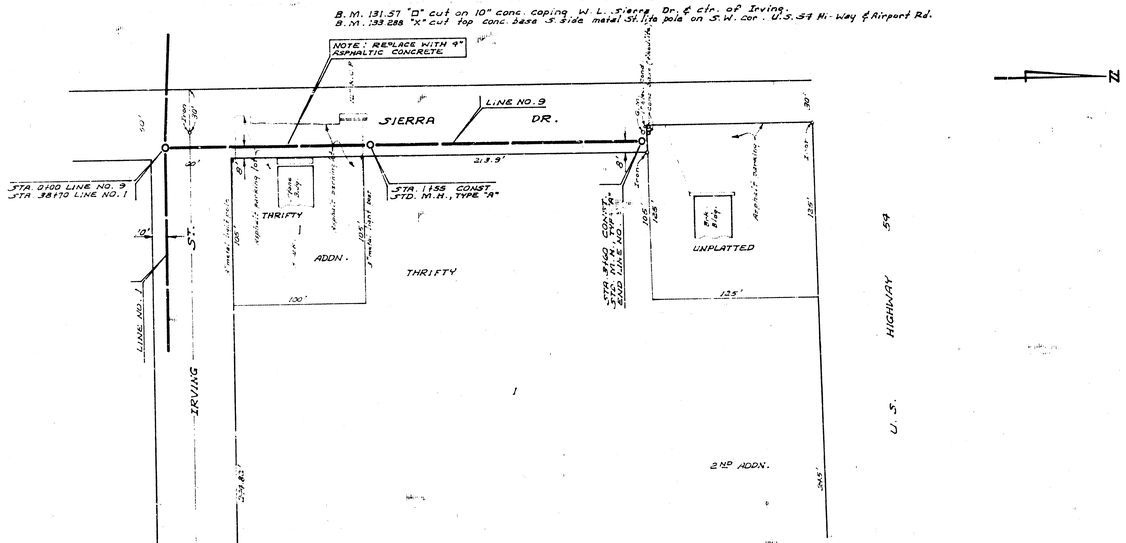
9 M.H. 121.427 Bridge Jct. S.S. P.P. 1.5' N. Cor. Dugan Rd. & Irving

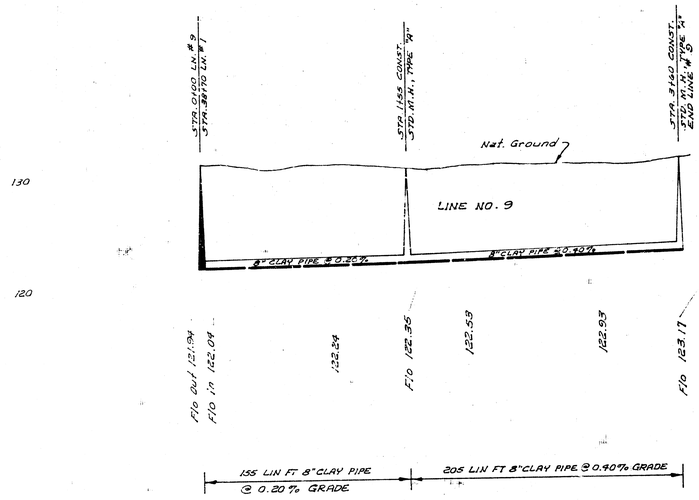
9 M.H. 120.643 R.R. Jct. E.S. P.P. on S.W. Cor. Dugan Rd. & U.S. Hwy. 54

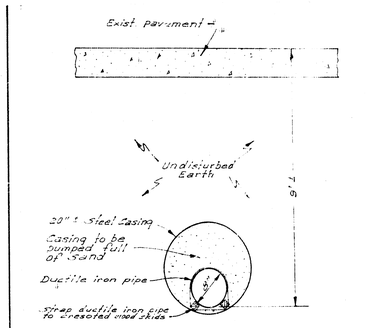
9 M.H. 128.234 R.R. Jct. S.S. P.P. 1.5' E. of back side of Liquor Store # 6603 W. Kellogg

LAT. 93, S.W. INTERCEPTOR
PROJ. NO. DBKL5710.31
SHEET NO. 9 OF 10 LINE NO. 6

B.M. 131.57 "D" cut on 10" conc. coping W. L. Sierra Dr. & c/l. of Irving.
B.M. 133.288 "X" cut Top conc. base S. side metal St. lite pole on S.W. cor. U.S. 54 H. Way & Airport Rd.







TYPICAL SECTION
CASING AT AIRPORT ROAD CROSSING
STA. 38165 TO STA. 40109 LIN. NO. 1

NO Scale

NOTE: 8" ductile iron pipe to be placed under pavement by augering & sliding pipe into place. Augered hole to be cased with 20" ϕ steel pipe. Good used steel pipe may be used when approved by the Field Engineer.

Plan Scale 1"=40'
Profile Scale 1"=40' Hor.
1"=5' Vert.

LAT. 93, S.W. INTERCEPTOR
PROJ. NO. DBKL571031
SHEET NO. 10 OF 10 LINE NO. 9