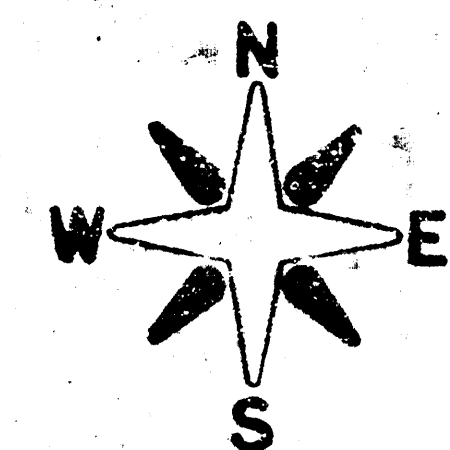
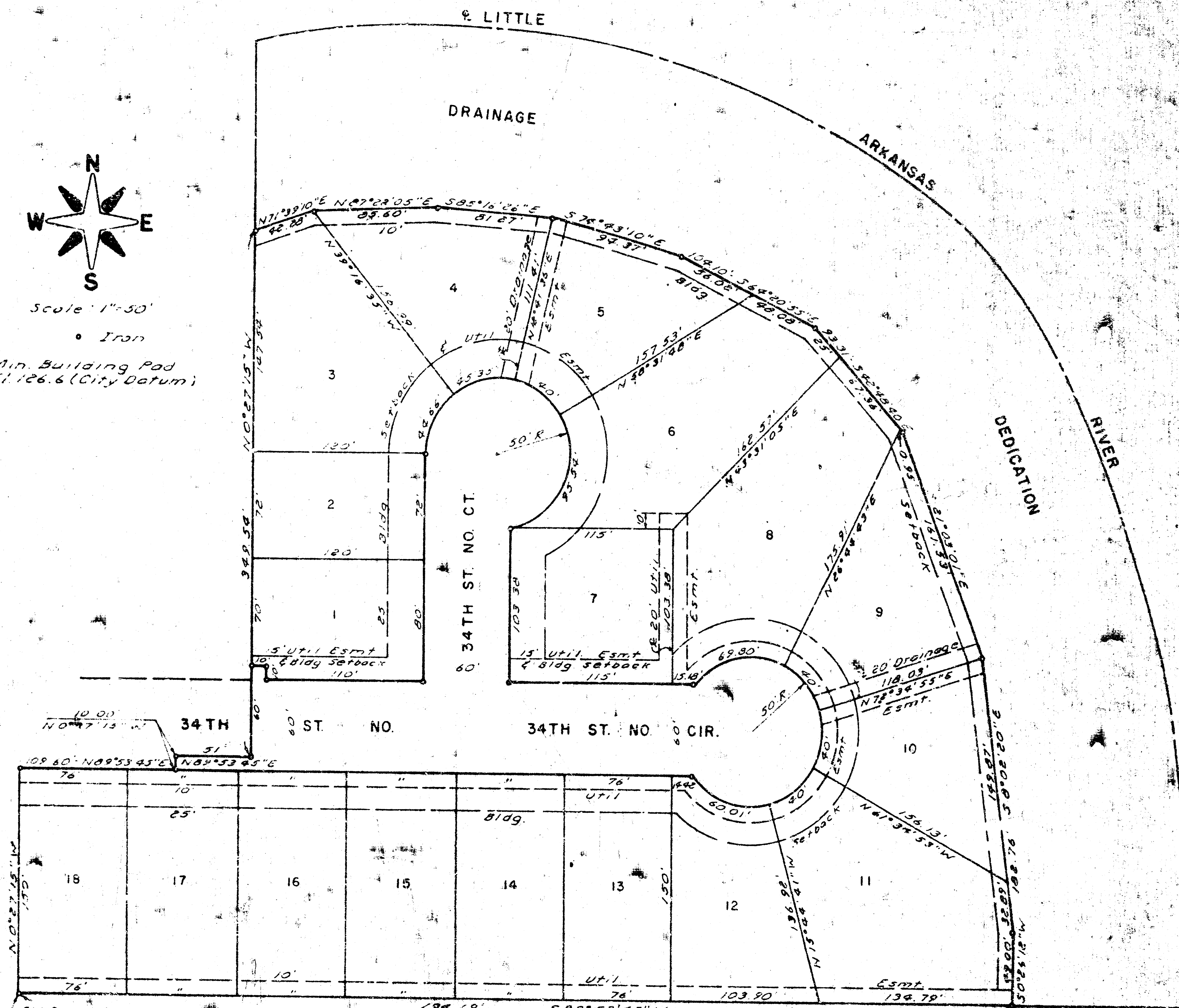


S-2 4-32



Scale 1"=50'

Min. Building Pad
El. 126.6 (City Datum)



SW Cor. Lot 2, Endicott Add.
031.40' E 220' N SW 1/4
SE 1/4 Sec. 31, T6S, R1E

State of Kansas
Sedgwick County, SS. We, Baughman Company, P.A.,
Surveyors in aforesaid county and state, do hereby
certify that we have surveyed and plotted "RIVER
WALK ADDITION", Wichita, Kansas, and that
the accompanying plat is a true and correct
exhibit of the property surveyed, described as
a replat of Lot 2, Endicott Addition to Wichita,
Sedgwick County, Kansas, and part of the NW 1/4
of Section 31 and the SW 1/4 of the NW 1/4
of Section 32, in T6S, R1E of the 6th 11, M.,
Sedgwick County, Kansas, described as follows:
Beginning at the SW corner of said Lot 2, said
point being 631.40 feet east and 220 feet north
of the SW corner of the SE 1/4 of the NE 1/4 of said
Sec. 31; thence northerly, along the west line
of said Lot 2, 150 feet to the NW corner thereof;
thence easterly, along the north line of
said Lot 2, 109.60 feet to the NE corner thereof;
thence northerly, along the east line ex-
tended of said Lot 2, 10 feet; thence easterly,
parallel to the south line of said SE 1/4 of the
NE 1/4, 51 feet; thence northerly, parallel to
and 992 feet east of the west line of said
SE 1/4 of the NE 1/4, to the center of the Little
Arkansas River; thence southeasterly, along

the center of said river to a point 220 feet
north of the south line extended of the SE 1/4
of the NE 1/4 of said Sec. 31; thence westerly,
parallel with the south of said SE 1/4, to the
point of beginning.

Date June 27, 1983

Baughman Company, P.A.

John E. Sandell
John E. Sandell
Surveyor

RIVER WALK ADDITION

WICHITA, KANSAS

Know all men by these presents, that
we, the undersigned, have caused the land
described in the surveyors certificate
to be plotted into lots, streets and a
drainage dedication to be known as
"RIVER WALK ADDITION", Wichita,
Kansas. The easements are hereby grant-
ed as indicated for the construction
and maintenance of public utilities.
The streets are hereby dedicated to
and for the use of the public. The drain-
age dedication is hereby dedicated for
drainage, riverbank maintenance, flood
control and river beautification. No
building shall be constructed below
Elev. 126.6 (City Datum).

This plat of "RIVER WALK ADD-
ITION", Wichita, Kansas, has been submitted
to and approved by the Wichita-Sedgwick
County Metropolitan Area Planning Commis-
sion, Wichita, Kansas, dated this 16th
day of June, 1983.

Wichita-Sedgwick County Metropolitan
Area Planning Commission

Chairman
Secretary

This plat approved and all dedications
shown hereon accepted by the Board of
City Commissioners, Wichita, Kansas, this
26th day of July, 1983.

Mayor
City Clerk

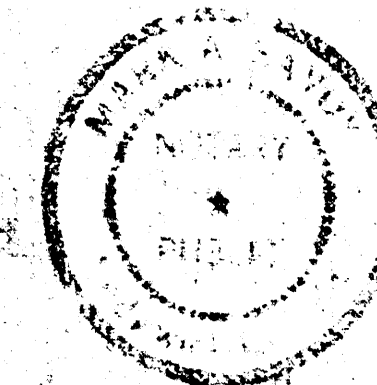
State of Kansas
Sedgwick County, SS. The foregoing instrument
was acknowledged before me this 30th day of
June, 1983, by Raymond F. Linnen and
Virginia C. Linnen, his wife.

Notary Public
My Commission Expires June 28, 1984



State of Kansas
Sedgwick County, SS. The foregoing instrument
was acknowledged before me this 30th day of
June, 1983, by William F. Endicott and
Peggy Jo Endicott, his wife.

Notary Public
My Commission Expires May 12, 1984



This plat approved and all dedications
shown hereon accepted by the Board of
County Commissioners, Sedgwick County,
Kansas, this day of July, 1983.

Chairman
Commissioner
County Clerk

Entered on the records this
day of July, 1983.

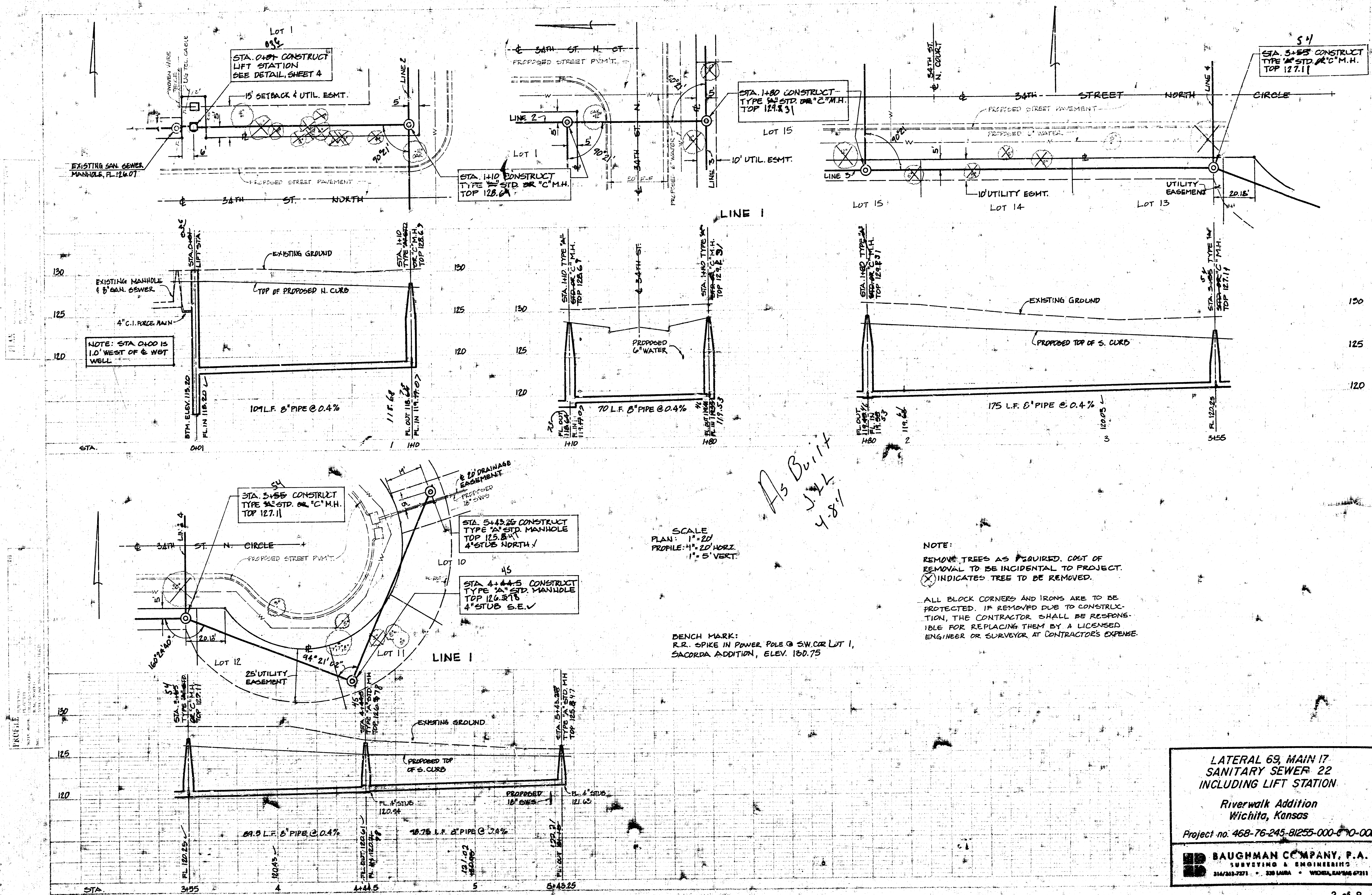
County Clerk

State of Kansas
Sedgwick County, SS. This is to certify that
this plat has been filed for record in
Office of the Register of Deeds this 1st
day of August, 1983, at 1:00 clock, P.M.,
and is duly recorded.

Register of Deeds
Deputy

S-2 4-32

14 1 3 12 of 8

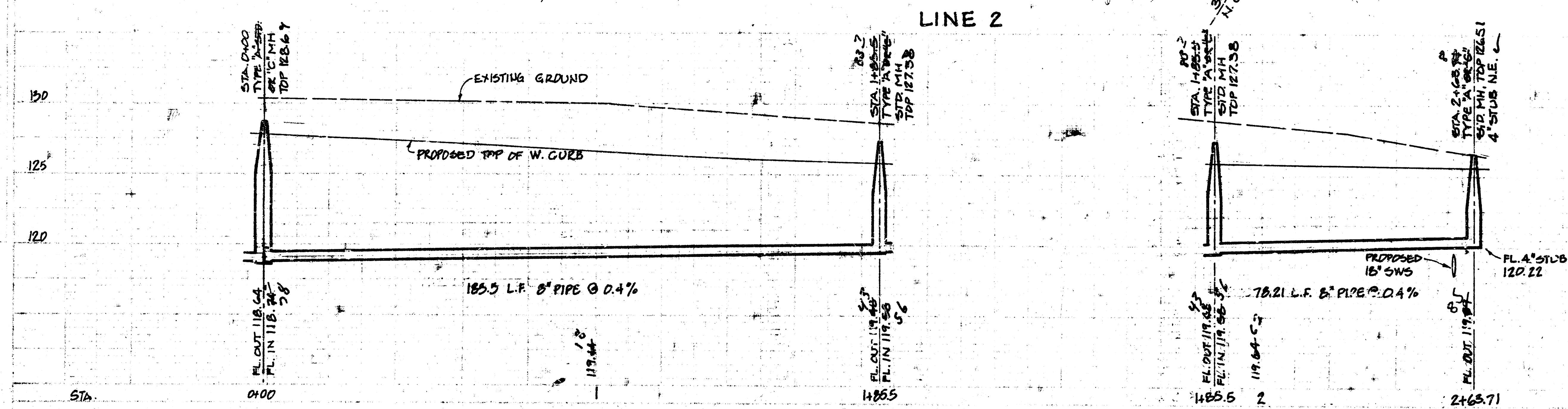
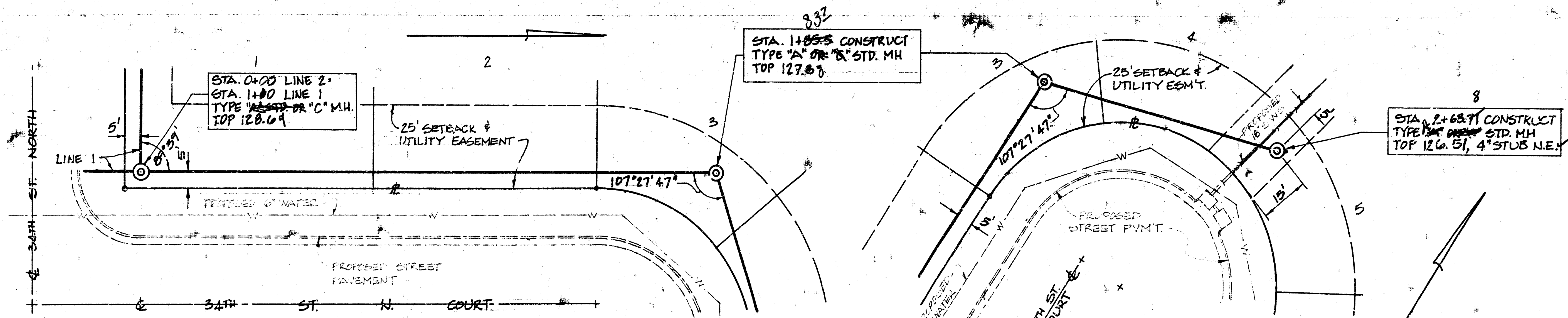


LATERAL 69, MAIN 17
 SANITARY SEWER 22
 INCLUDING LIFT STATION

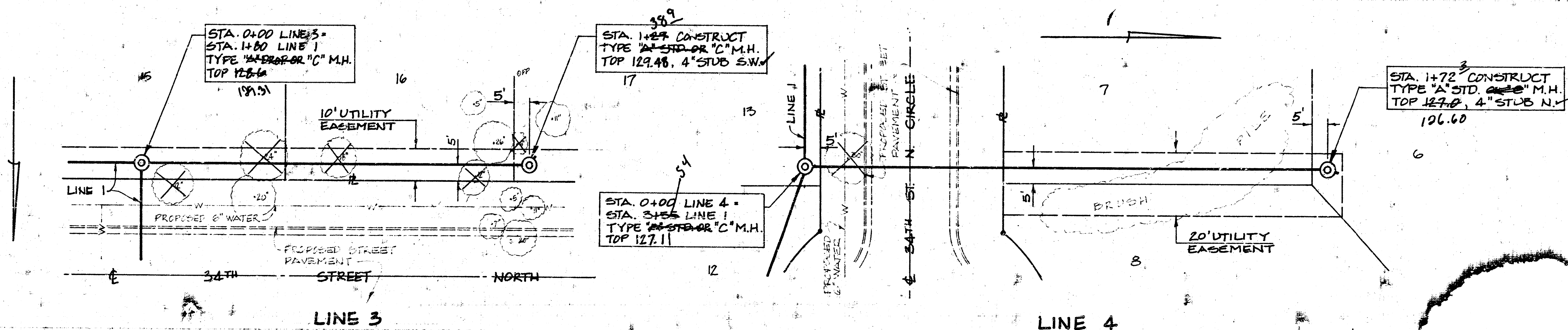
Riverwalk Addition
 Wichita, Kansas

Project no. 468-76-245-81255-000-010-001

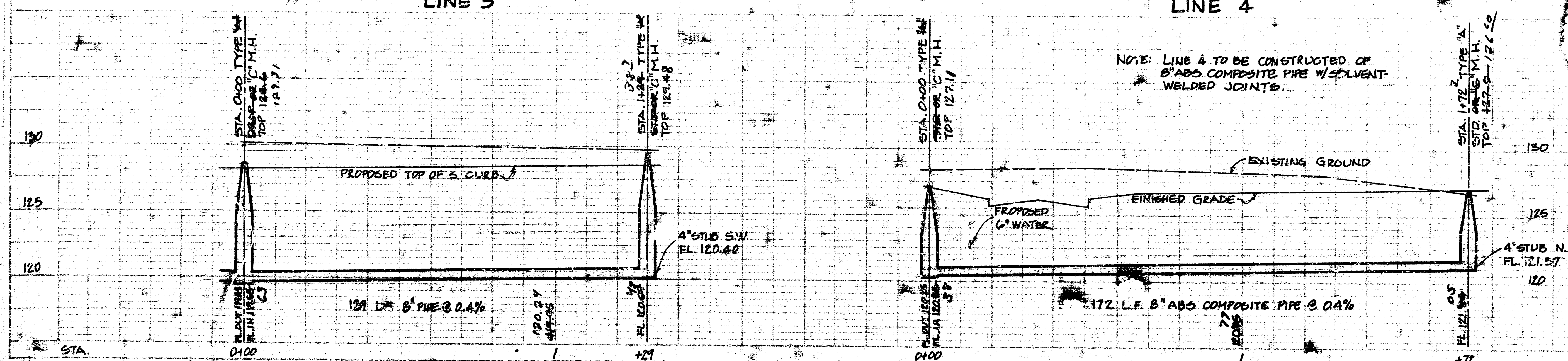
BAUGHMAN COMPANY, P.A.
 SURVEYING & ENGINEERING
 314/243-7571 • 330 LAURA • WICHITA, KANSAS 67211



As Boil
J.L.L.
4-89



SCALE
PLAN: 1"=20'
PROFILE: 1"=20' HORIZ.
1"=5' VERT.



NOTE: LINE 4 TO BE CONSTRUCTED OF 8" ABS COMPOSITE PIPE W/ JOINT WELDED JOINTS.

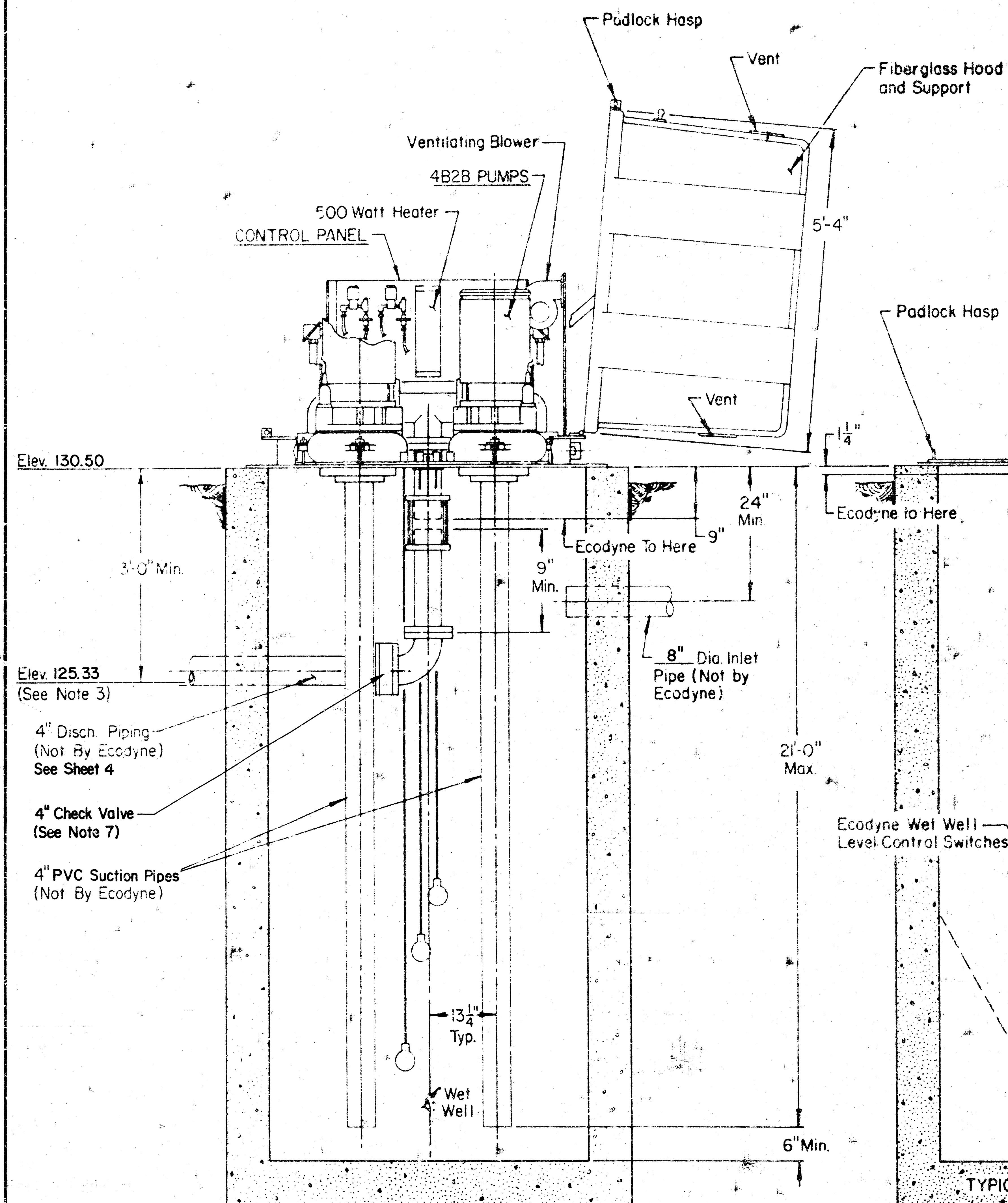
LATERAL 69, MAIN 17
SANITARY SEWER 22
INCLUDING LIFT STATION

Riverwalk Addition
Wichita, Kansas

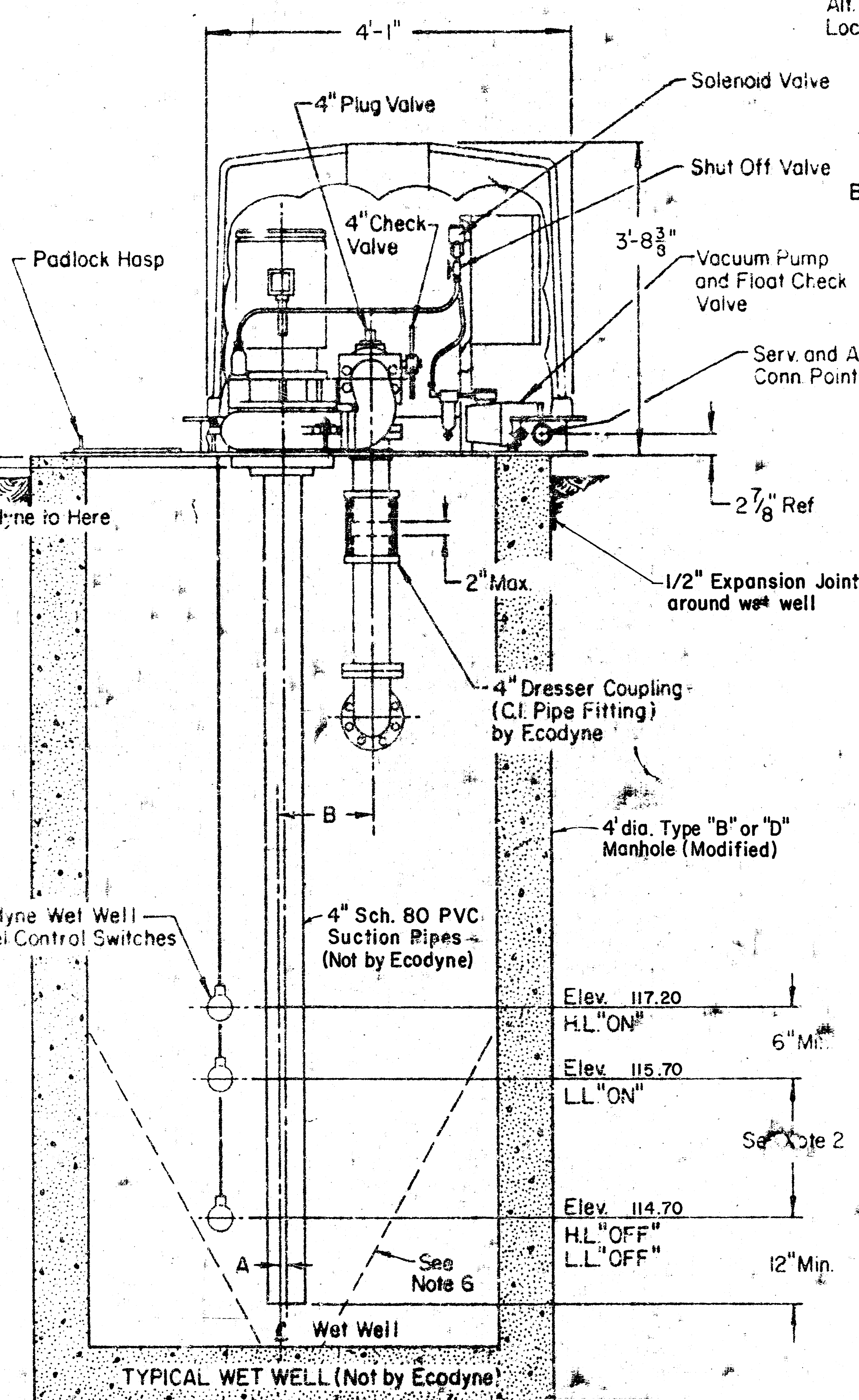
Project no. 468-76-245-81255-000-001

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7271 • 316/262-7272 • WICHITA, KANSAS 67211

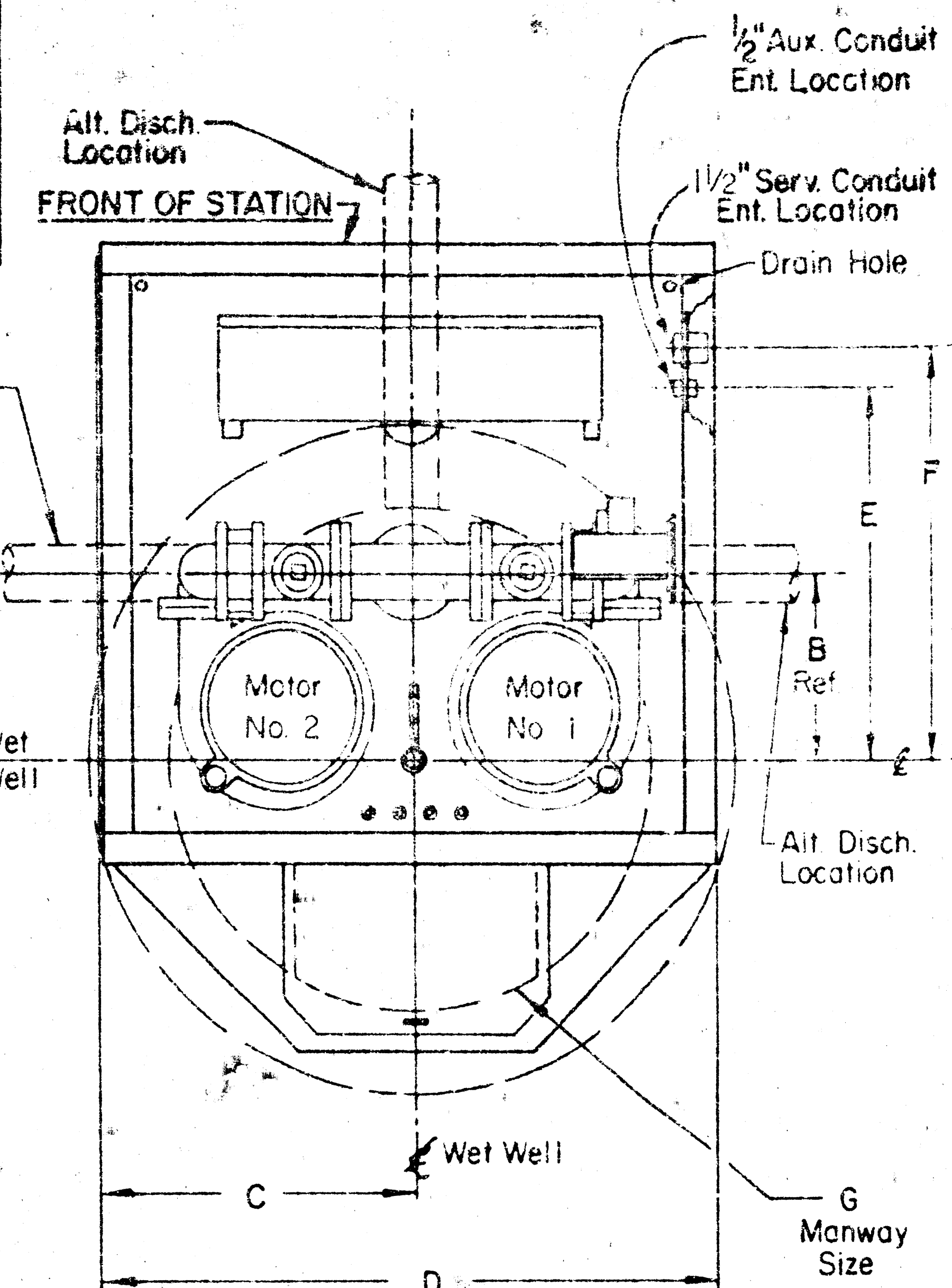
WET WELL DIAMETER	DIM. A	DIM. B	DIM. C	DIM. D	DIM. E	DIM. F	MANWAY G
4'-0"	4"	15 $\frac{13}{16}$ "	33"	66"	27 $\frac{7}{8}$ "	32 $\frac{3}{8}$ "	14" x 24"
5'-0"	6"	19 $\frac{13}{16}$ "	34"	68"	33 $\frac{3}{8}$ "	37 $\frac{7}{8}$ "	24 $\frac{1}{2}$ x 28"
6'-0"	2"	13 $\frac{13}{16}$ "	40"	80"	27 $\frac{3}{8}$ "	31 $\frac{7}{8}$ "	24 $\frac{1}{2}$ x 28"



SECTIONAL ELEVATION



CROSS SECTION



PLAN VIEW
MACH. CHAMBER
(Shown Less Cover)

- NOTES:
1. Maximum Capacity - 300 G.P.M.
 2. Volume In Gallons Between L.L. "ON" and L.L. "OFF" Should Equal Pumping Rate in G.P.M.
 3. If End of Discharge Line is Below Elevation of Discharge Line at Point of Leaving Wet Well, Consult Factory.
 4. If Discharge Line is Less than 200 Feet in Length a Check Valve May be Required - Consult Factory.
 5. Pump Motors - 20 H.P. Maximum.
 6. Provide 60° Slope in Wet Well - As Required.
 7. Discharge Check Valve Furnished by Ecodyne to be installed by Contractor.

Lat. 69, Main 17, S.S. 22
Project no. 468-76-245-81255-000-000-001

4B2B PUMPS 87D196

THE DESIGN AND DETAIL OF THIS DRAWING IS THE PROPERTY OF ECODYNE CORPORATION AND IS NOT TO BE USED WITHOUT THE WRITTEN PERMISSION OF ECODYNE CORPORATION. ANY REPRODUCTION OR TRANSMISSION OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF ECODYNE CORPORATION IS PROHIBITED.

DATE	2-79	BY	D. Fisher
DATE	2-79	BY	M.E.W.
DATE	3-79	BY	C.V.
SCALE	none		
ORIGINAL	N78-16		

ECODYNE Smith & Loveless Division

WET WELL MOUNTED SEWAGE PUMP LIFT STA - MODEL "S" 4" PIPING - 4, 5, 6, 8" DIA. WELL

87D191

SEWER APPURTENANCES DETAILS

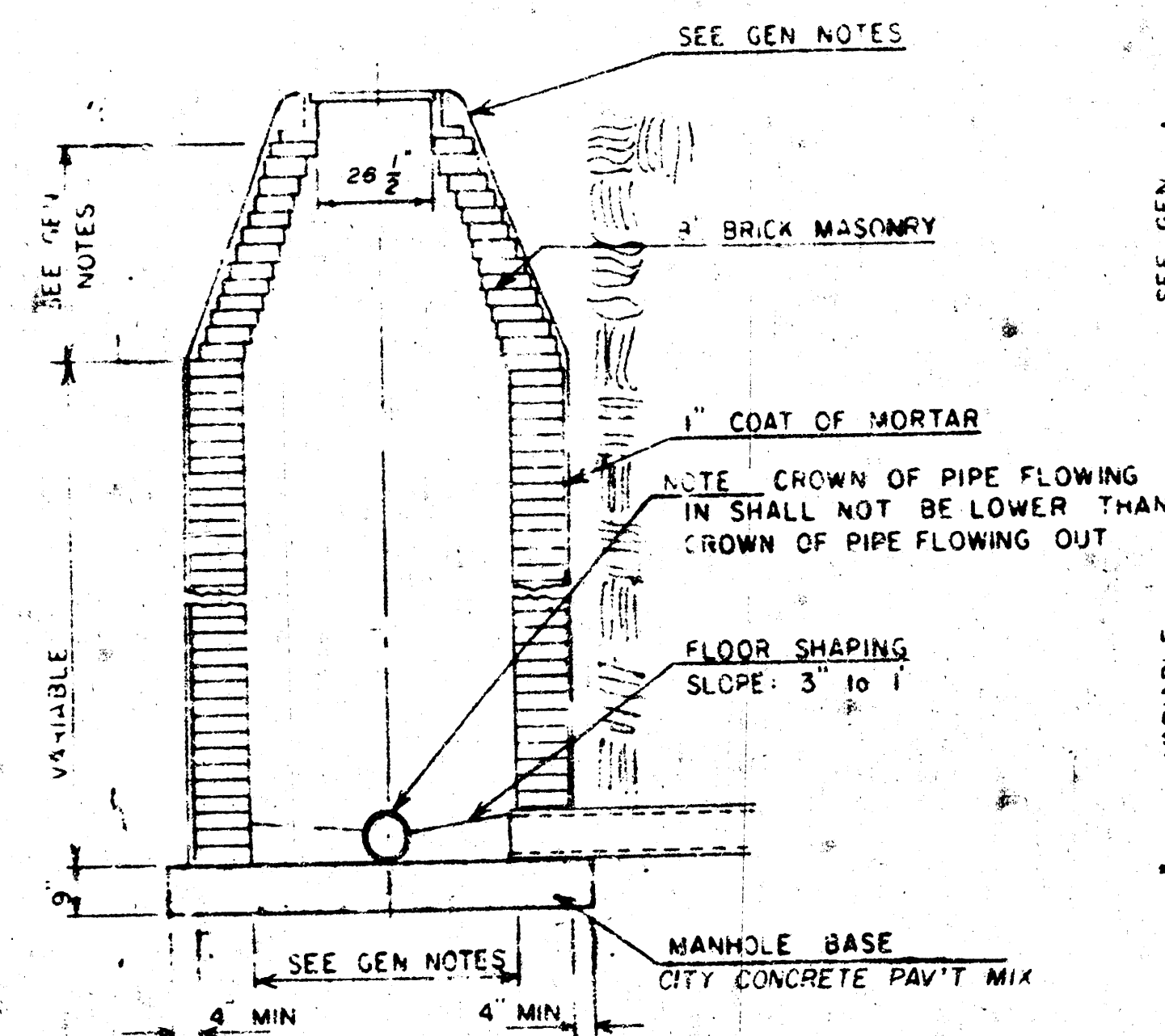
ADOPTED AS STANDARD DESIGN

BY

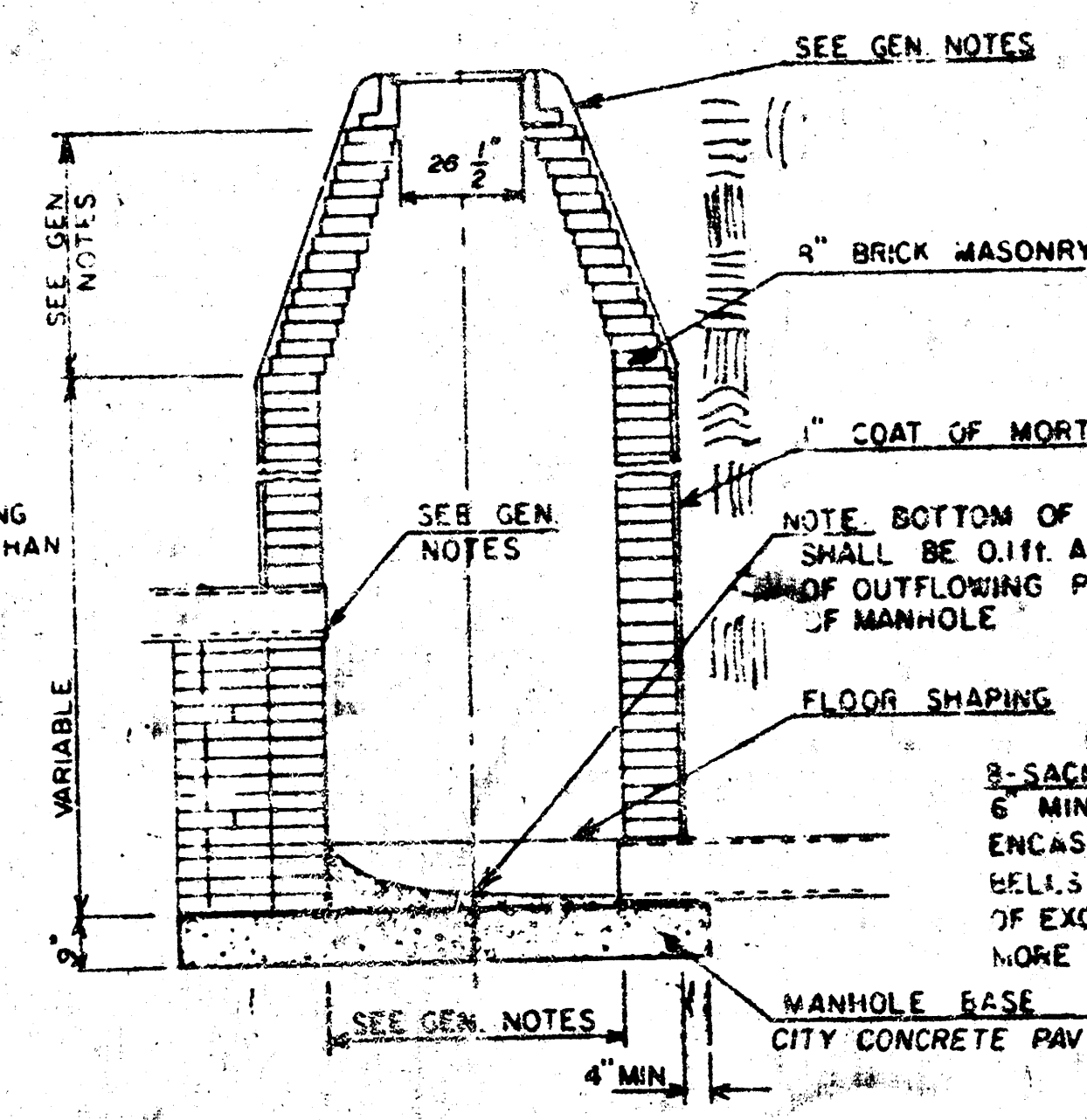
CITY of WICHITA, KANSAS

REVISED SEPTEMBER 1980
REVISED DECEMBER 1981

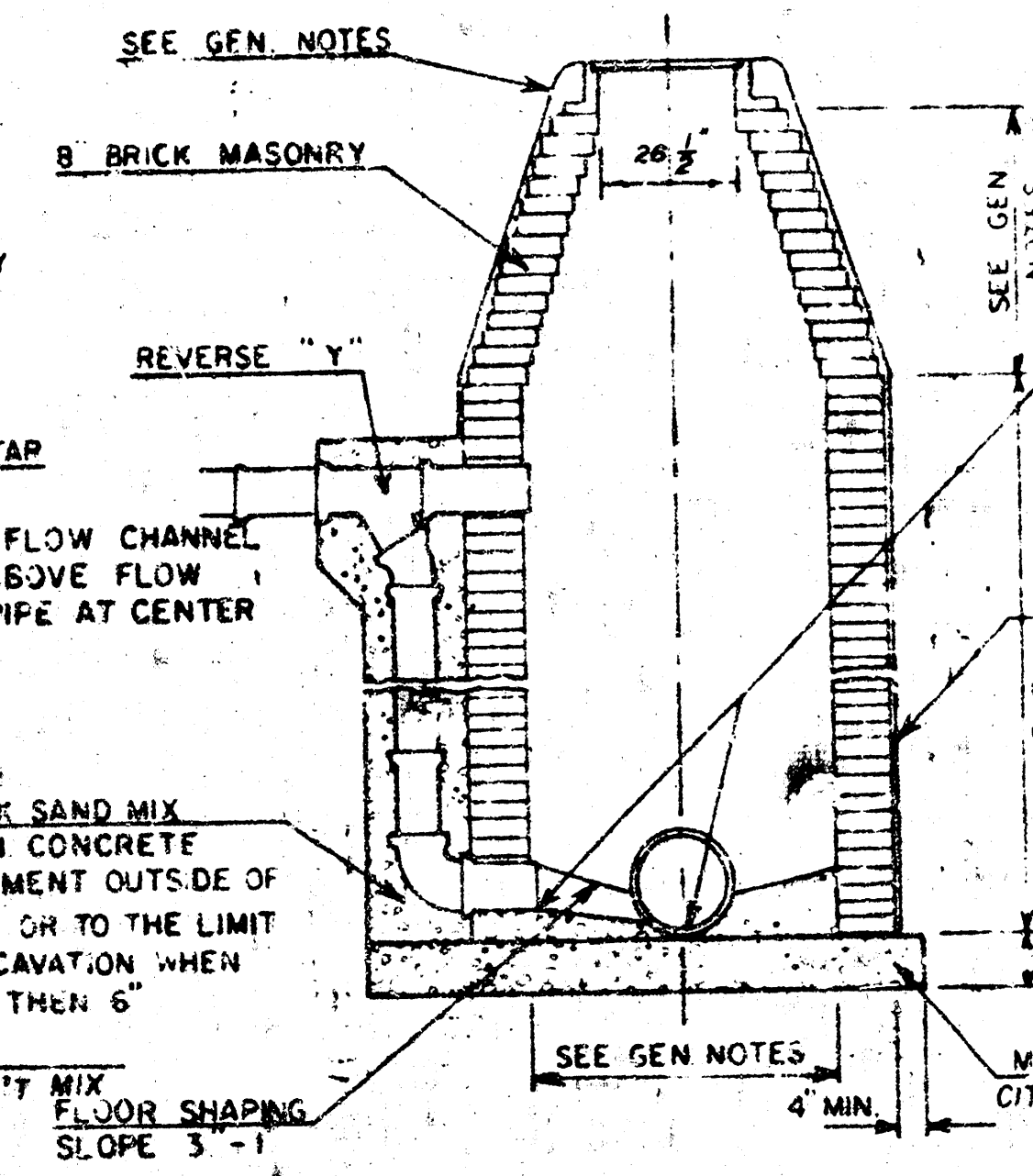
TYPE "A" MANHOLE



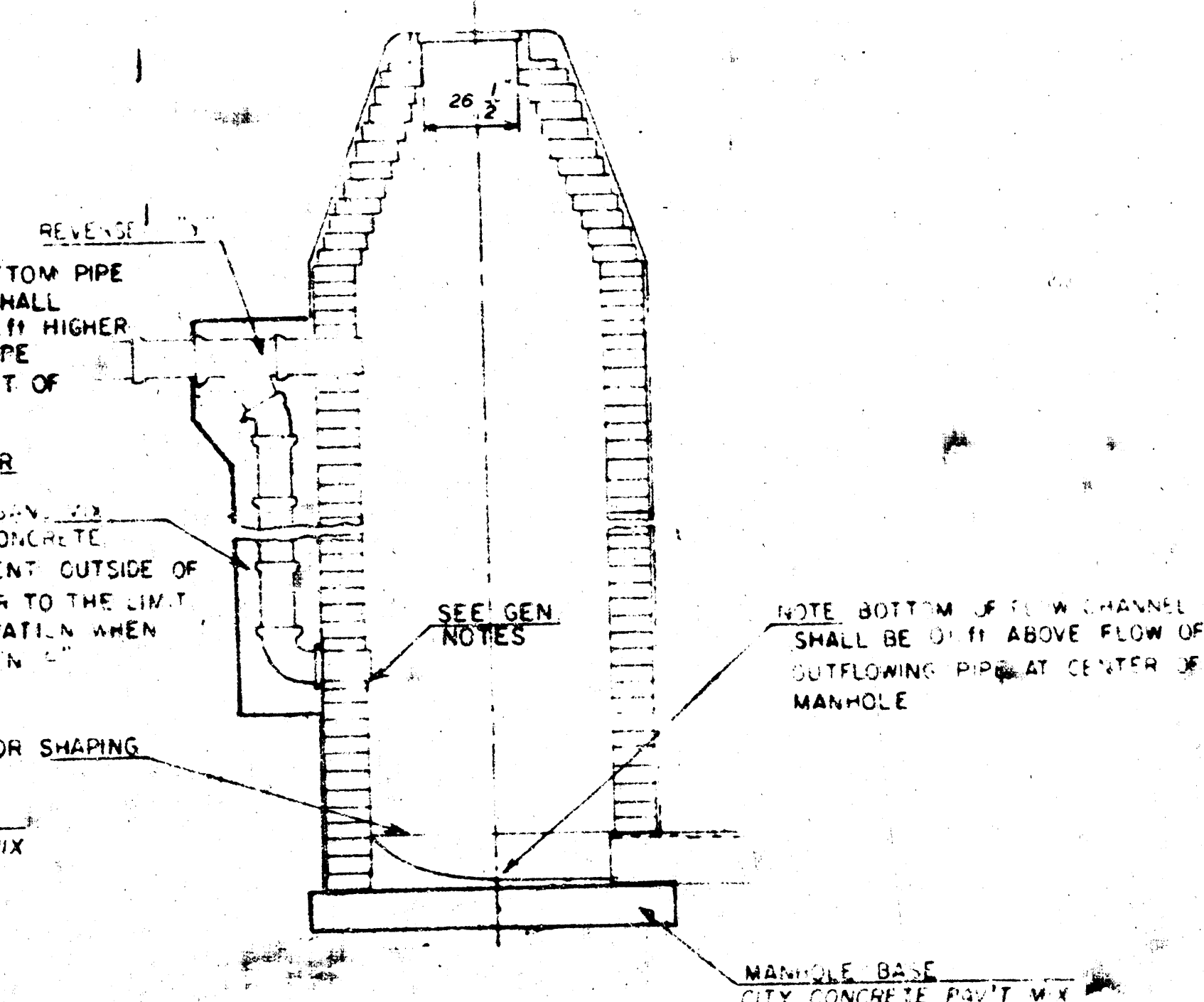
TYPE "A" INSIDE DROP MANHOLE



TYPE "A" OUTSIDE DROP MANHOLE



DETAIL OF OUTSIDE DROP
CONSTRUCTED ON EXISTING MANHOLE



GENERAL NOTES

1. MATERIAL USED IN MASONRY CONSTRUCTION SHALL CONTAIN 8 BAGS OF CEMENT PER CUBIC YARD. CONCRETE USED IN MANHOLE BASES SHALL CONFORM TO THE REQUIREMENTS OF CONCRETE FOR CONCRETE PAVEMENT CONSTRUCTION AS SPECIFIED IN THE CITY STANDARD PAVING SPECIFICATIONS USING CITY CONCRETE PAVEMENT MIX WITHOUT AIR ENTRAINING ADMIXTURE. REBAR SHALL BE PLACED AROUND THE MANHOLE RING AS SHOWN ON THE DRAWINGS WHEN MANHOLES ARE CONSTRUCTED IN UNPAVED AREAS. TYPE "A" MANHOLES CAN BE USED ON SEWERS UP TO 16" IN DEPTH WHEN THE MANHOLE IS NOT LOCATED WITHIN PUBLIC STREET PAVEMENT. MANHOLES CONSTRUCTED WHERE PIPE SIZES ARE SMALLER THAN 24" SHALL HAVE AN INSIDE DIAMETER OF 4". MANHOLES CONSTRUCTED WHERE PIPE SIZES ARE 24" OR LARGER SHALL HAVE AN INSIDE DIAMETER OF 5". THE HEIGHT OF THE CORNELS ON 4" DIAMETER MANHOLES SHALL BE 4". MANHOLES HAVING A DIAMETER OF 5" SHALL HAVE CORNELS 6" IN HEIGHT. COMPLETED MANHOLE SHALL BE WITHOUT LEAKS AND WATER TIGHT.
2. REINFORCING STEEL SHALL BE INSTALLED IN THE MANHOLE BASES AND SHALL CONSIST OF NO. 4 BARS PLACED ON 12" CENTERS IN BOTH DIRECTIONS. THE MANHOLE BASE REINFORCEMENT SHALL BE PLACED 5" ABOVE THE BOTTOM OF THE MANHOLE BASE. ALL COSTS FOR FURNISHING AND INSTALLING REINFORCING STEEL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.
3. OPENINGS SHALL BE CUT INTO THE MANHOLE WALL WHEN OUTSIDE DROPS ARE CONSTRUCTED ON EXISTING MANHOLES. SUCH OPENINGS CUT INTO EXISTING MANHOLES SHALL BE AS SMALL AS PRACTICAL TO FACILITATE INSTALLING AND GROUTING THE NEW PIPE IN PLACE. WATERSTOP CASSETS SHALL BE USED WITH P.V.C. AND A.B.S. COMPOSITE PIPE. THE NEW PIPE SHALL BE GRouted INTO THE OPENING USING AN APPROVED WASHING GROUT FOR THE FULL MANHOLE WALL THICKNESS. THE EXTERIOR OF THE COMPLETED CONNECTION SHALL BE SEALED WITH AN APPROVED STICKING COATING SUCH THAT THE CONNECTION WILL BE WATER TIGHT. FLOORS OF MANHOLE SHALL BE MODIFIED TO FORM NEW FLOW CHANNEL FOR THE NEW CONNECTION AS INDICATED BY THE DRAWING. THE VERTICAL DROP FROM THE LOWER PIPE ON SUCH OUTSIDE DROP CONNECTIONS SHALL NOT EXCEED 4" FOR INFLOWING PIPES SIZED 12" OR SMALLER AND 2" FOR INFLOWING PIPES SIZED LARGER THAN 12". EXCEPT THE CROWN OF THE LOWER PIPE SHALL NEVER BE SET BELOW THE CROWN OF ANY LARGER OUTFLOWING PIPE. THIS WORK, INCLUDING MODIFICATION OF MANHOLE FLOOR, SHALL BE PAID FOR AT THE UNIT PRICE BID FOR OUTSIDE DROP STACK CONSTRUCTED ON EXISTING MANHOLE.
4. THE FLOORS OF ALL MANHOLES SHALL BE SHAPED WITH FLOW CHANNELS SUCH THAT THE MANHOLES WILL BE SELF CLEANING AND FREE OF AREAS WHERE SOLIDS COULD BE DEPOSITED AS SEWAGE FLOWS THROUGH THE MANHOLE FROM ALL INLET PIPES TO THE OUTLET PIPE. FLOW CHANNELS SHALL BE FORMED TO MATCH THE BOTTOM HALVES OF THE INFLOWING PIPES AND THE OUTFLOWING PIPE AS SHOWN BY THE DRAWINGS EXCEPT FOR INSIDE DROP MANHOLES. FLOW CHANNELS FOR INSIDE DROP MANHOLES SHALL BE CONSTRUCTED AS INDICATED BY THE DRAWING. MANHOLE FLOORS SHALL HAVE SLOPES OF 3 INCHES PER FOOT IN THE AREAS OUTSIDE OF THE FLOW CHANNELS SLOPED TOWARD THE FLOW CHANNELS. PIPES LAID THROUGH MANHOLES SHALL HAVE THE TOP HALF REMOVED TO REAR LINES FOR THE FULL INSIDE DIAMETER OF THE MANHOLE. MANHOLE FLOORS SHALL THEN BE SHAPED AROUND THE BOTTOM HALF OF THE PIPE WHICH FORMS THE FLOW CHANNEL.
5. PIPES INSTALLED WITHIN THE EXCAVATION MADE FOR THE MANHOLE SHALL BE CRADLED WITH CONCRETE TO THE LIMITS OF THE MANHOLE EXCAVATION. WHEN CLAY PIPE IS USED, THE CRADLE SHALL EXTEND TO THE FIRST JOINT OUTSIDE THE MANHOLE. THE CRADLE SHALL BE REINFORCED AT THE CLAY PIPE JOINTS IN A MANNER WHICH WILL MAINTAIN THE FLEXIBILITY OF THE JOINT. COST OF CRADLE WITHIN MANHOLE EXCAVATION OR TO CLAY PIPE JOINTS ADJACENT TO MANHOLE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.
6. MANHOLE COVER CASTINGS AND MANHOLE FRAME CASTINGS SHALL CONFORM TO THE REQUIREMENTS AS INDICATED IN THE STANDARD SPECIFICATIONS AND AS SHOWN IN THE STANDARD DETAIL DRAWING.
7. THE VERTICAL DROP IN INSIDE DROP MANHOLES SHALL NOT EXCEED 4" FOR INFLOWING PIPES SIZED 12" OR SMALLER AND 2" FOR INFLOWING PIPES LARGER THAN 12". THE CROWNS OF INFLOWING PIPES SHALL NEVER BE SET LOWER THAN THE CROWN OF THE OUTFLOWING PIPE.
8. STANDARD MANHOLES TYPE "A" AND STANDARD INSIDE DROP MANHOLES TYPE "A" SHALL BE BID AS STANDARD MANHOLES FOR THE TYPE AND DIAMETER INDICATED. OUTSIDE DROP MANHOLES TYPE "A" SHALL BE BID AS STANDARD OUTSIDE DROP MANHOLES FOR THE TYPE AND DIAMETER INDICATED. ALL MANHOLE DIAMETERS WILL BE 4' UNLESS INDICATED OTHERWISE.

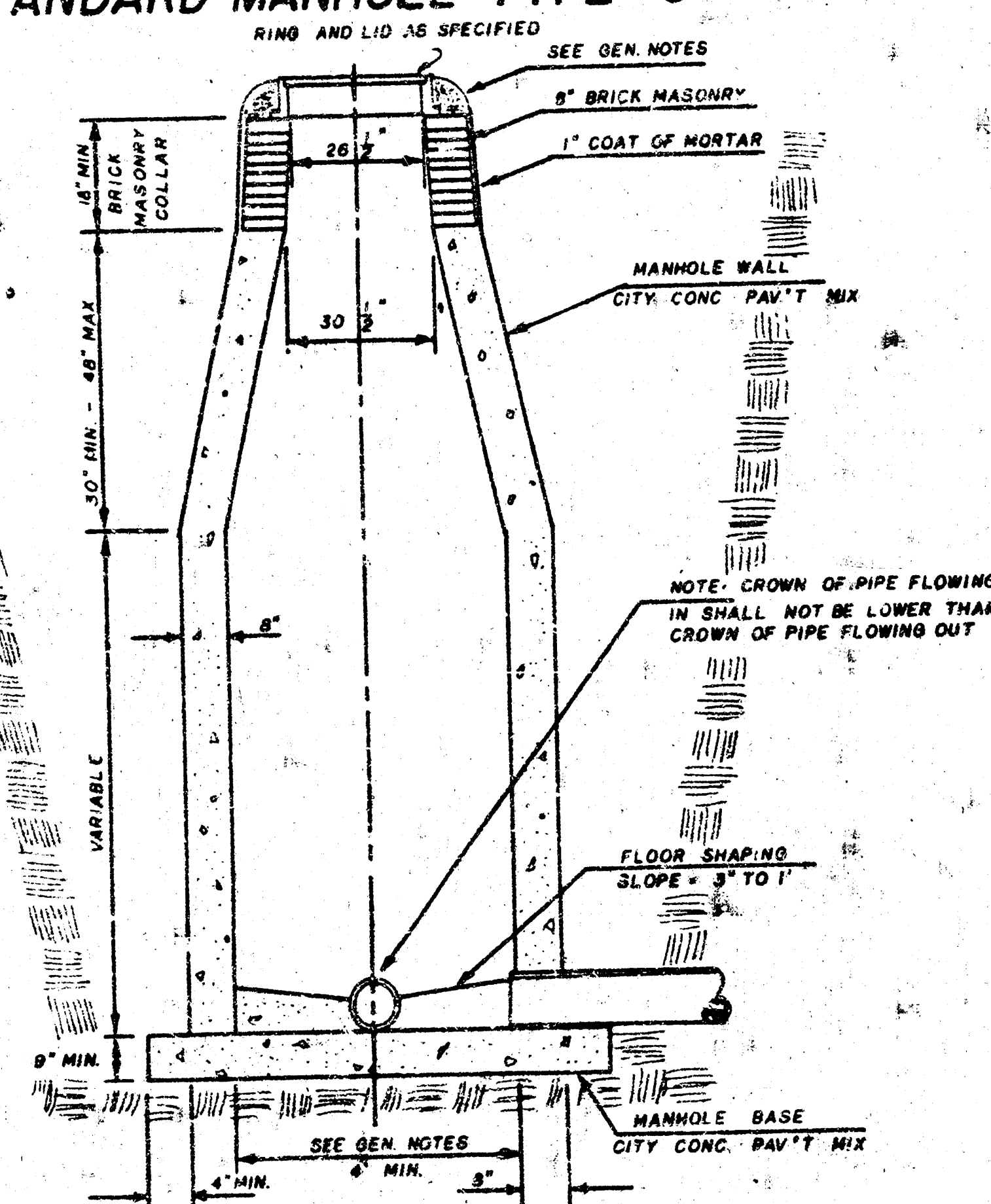
SEWER APPURTENANCES DETAILS

ADOPTED AS STANDARD DESIGN

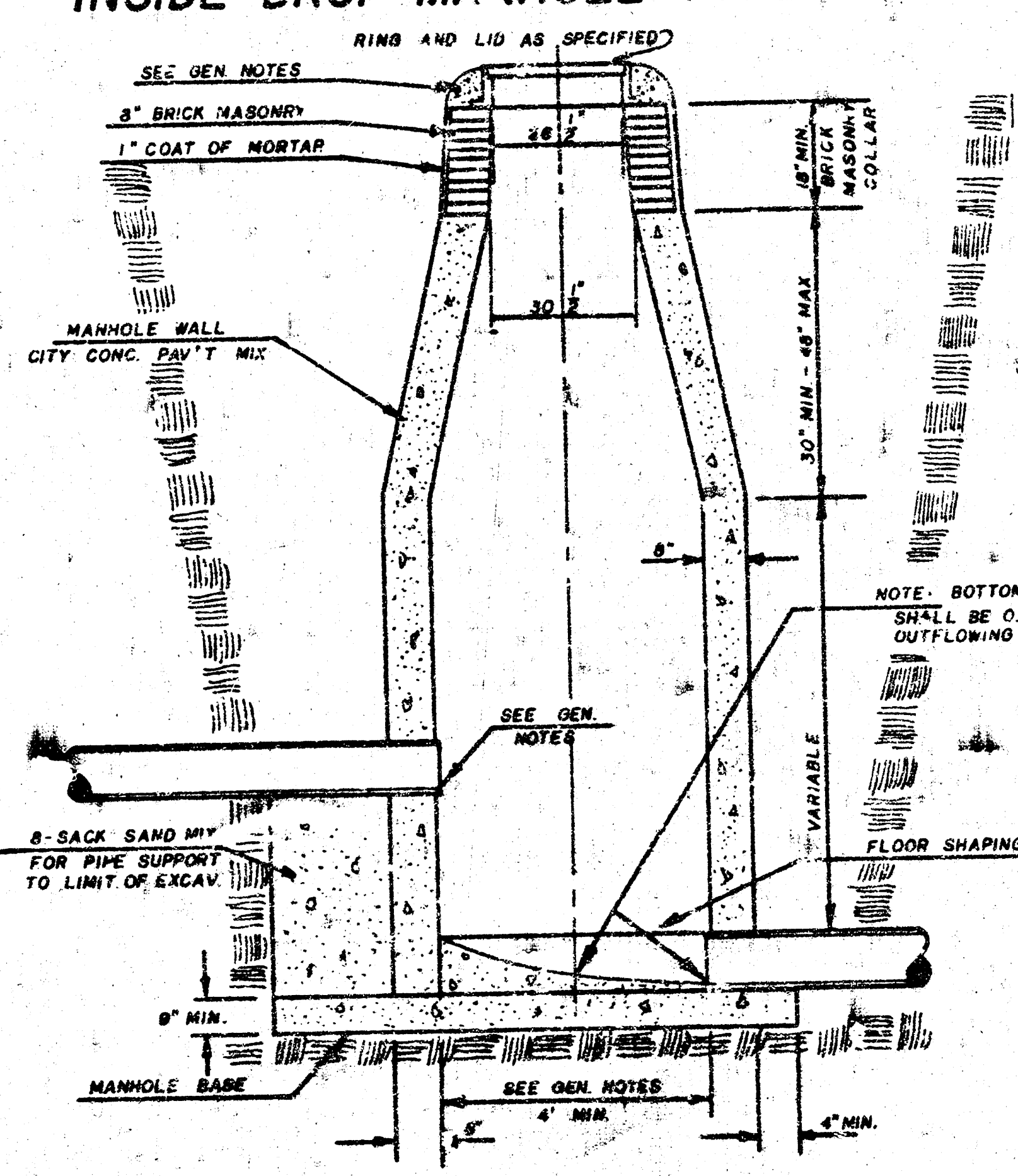
BY

City of Wichita, Kansas

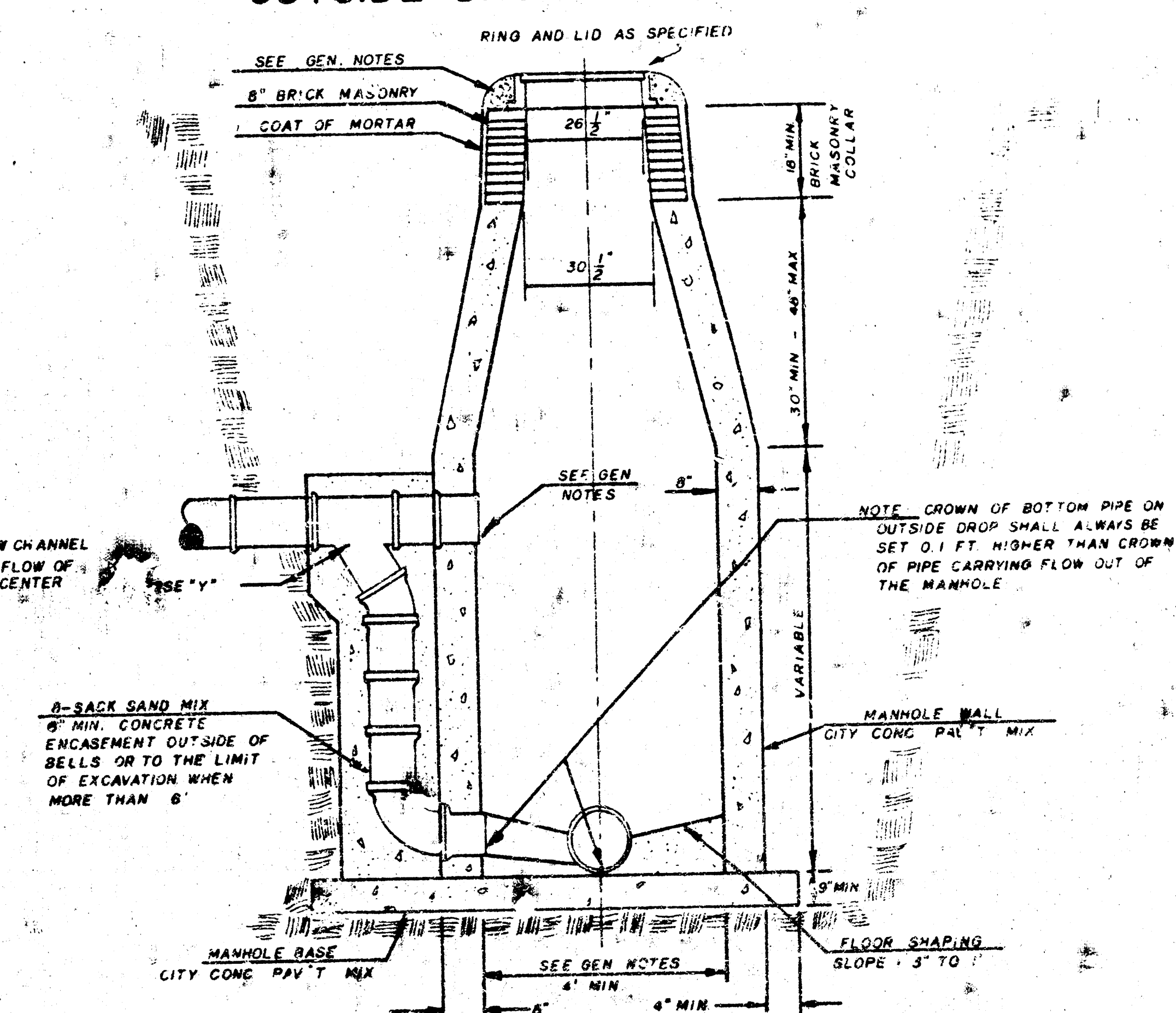
STANDARD MANHOLE TYPE "C"



INSIDE DROP MANHOLE TYPE "C"



OUTSIDE DROP MANHOLE TYPE "C"



GENERAL NOTES

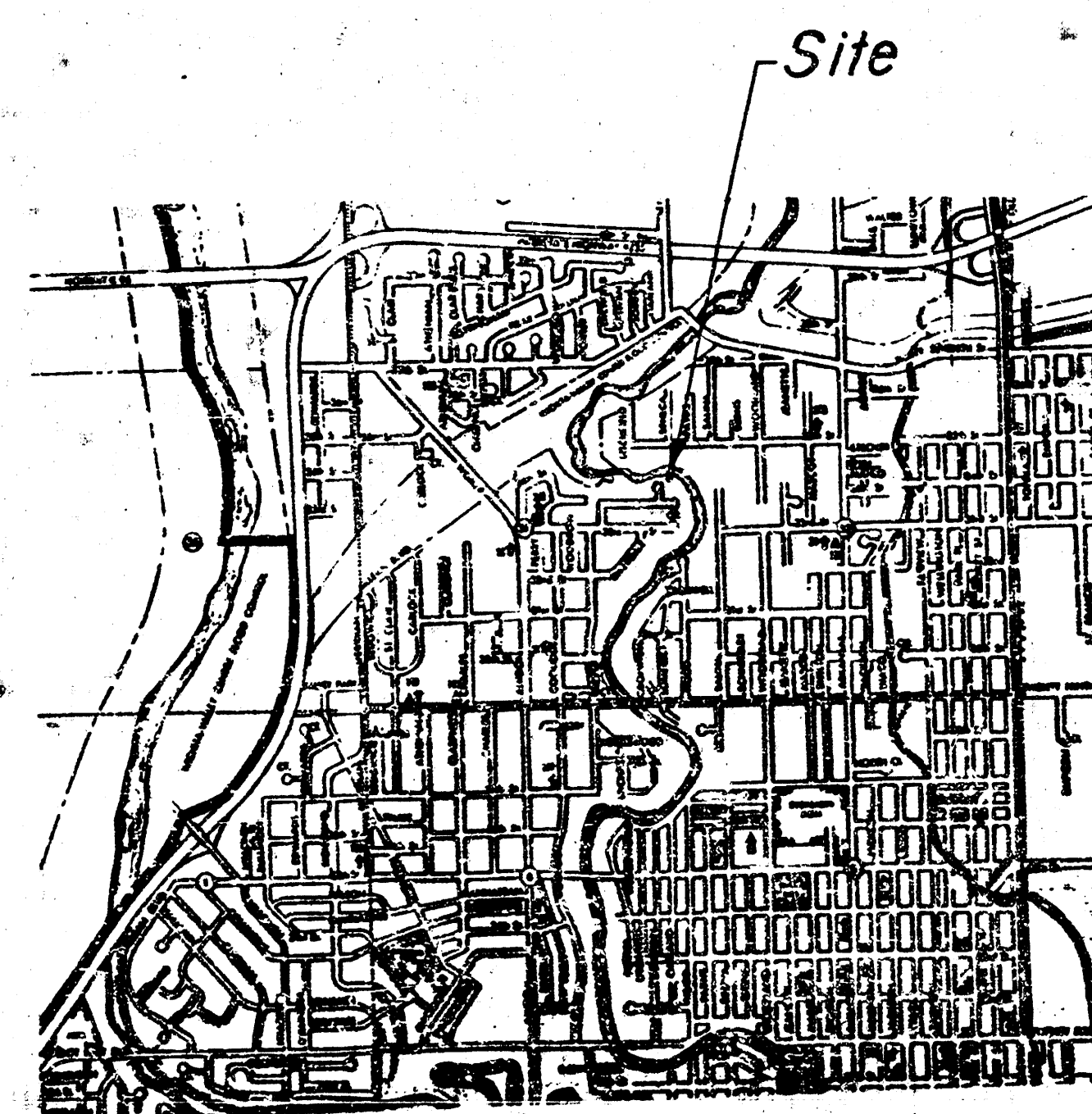
- MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD. CONCRETE USED IN MANHOLE WALLS AND BASES SHALL CONFORM TO THE REQUIREMENTS OF CONCRETE FOR CONCRETE PAVEMENT CONSTRUCTION AS SPECIFIED IN THE CITY STANDARD PAVING SPECIFICATIONS USING CITY CONCRETE PAVEMENT MIX WITHOUT AIR ENTRAINING AD MIXTURE. MORTAR SHALL BE PLACED AROUND THE MANHOLE RING AS SHOWN ON THE DRAWINGS WHEN MANHOLES ARE CONSTRUCTED IN UNPAVED AREAS. TYPE "C" MANHOLES CAN BE CONSTRUCTED ONLY WHERE PIPE SIZES ARE 8" OR SMALLER. THE INSIDE DIAMETER OF TYPE "C" MANHOLES SHALL BE 4' COMPLETED MANHOLE SHALL BE WITHOUT LEAKS AND WATER TIGHT.
- REINFORCING STEEL SHALL BE INSTALLED IN THE MANHOLE BASE. REINFORCING STEEL SHALL CONSIST OF NO. 4 BARS PLACED ON 6" CENTERS IN BOTH DIRECTIONS. REINFORCING STEEL SHALL BE PLACED 6" ABOVE THE BOTTOM OF THE MANHOLE BASE. COST OF FURNISHING AND INSTALLING REINFORCING STEEL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.
- AN OPENING SHALL BE CUT IN THE MANHOLE WALL FOR THE UPPER INLET PIPE FOR INSIDE AND OUTSIDE DROP MANHOLES. THE UPPER INLET PIPE SHALL BE GROUDED INTO THIS OPENING WITH NON-SHRINK GROUT. THE EXTERIOR OF THIS COMPLETED CONNECTION SHALL BE SEALED WITH AN APPROVED BITUMINOUS COATING SUCH THAT THE CONNECTION WILL BE WATER TIGHT.
- THE FLOORS OF ALL MANHOLES SHALL BE SLOPED WITH FLOW CHANNELS SUCH THAT THE MANHOLES WILL BE SELF-CLEANING AND FREE OF AREAS WHERE SOLIDS COULD BE DEPOSITED AS SEWAGE FLOWS THROUGH THE MANHOLE. ALL INLET PIPES TO THE OUTLET PIPE, FLOW CHANNELS SHALL BE FORMED Y" SUCH THE BOTTOM HALVES OF THE INFLUING PIPES AND THE OUTFLOWING PIPE AS SHOWN ON THE DRAWINGS EXCEPT FOR INSIDE DROP MANHOLES. FLOW CHANNELS FOR INSIDE DROP MANHOLES SHALL BE CONSTRUCTED AS INDICATED BY THE DRAWING. MANHOLE FLOORS SHALL HAVE SLOPES OF 3 INCHES PER FOOT IN THE AREAS OUTSIDE OF THE FLOW CHANNELS SLOPED TOWARD THE FLOW CHANNELS. PIPES LAID THROUGH MANHOLES SHALL HAVE THE TOP HALF REMOVED TO NEAT LINES FOR THE FULL INSIDE DIAMETER OF THE MANHOLE. MANHOLE FLOORS SHALL THEN BE SHAPED AROUND THE BOTTOM HALF OF THE PIPE WHICH FORMS THE FLOW CHANNEL.
- PIPES INSTALLED WITHIN THE EXCAVATION MADE FOR THE MANHOLE SHALL BE CRADLED WITH CONCRETE TO THE LIMITS OF THE MANHOLE EXCAVATION. WHEN CLAY PIPE IS USED, THE CRADLE SHALL EXTEND TO THE FIRST JOINT OUTSIDE THE MANHOLE. THE CRADLE SHALL BE TERMINATED AT THE CLAY PIPE JOINT IN A MANNER WHICH WILL MAINTAIN THE FLEXIBILITY OF THE JOINT. COST OF CRADLE WITHIN MANHOLE EXCAVATION OR TO CLAY PIPE JOINTS ADJACENT TO MANHOLE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.
- MANHOLE COVER CASTINGS AND MANHOLE FRAME CASTINGS SHALL CONFORM TO THE REQUIREMENTS AS INDICATED IN THE STANDARD SPECIFICATIONS AND AS SHOWN IN THE STANDARD DETAIL DRAWING.
- THE VERTICAL DROP IN INSIDE DROP MANHOLES SHALL NOT EXCEED 4' FOR INFLUING PIPES SIZED 12" OR SMALLER AND 2' FOR INFLUING PIPES LARGER THAN 12". THE CROWNS OF INFLUING PIPES SHALL NEVER BE SET LOWER THAN THE CROWN OF THE OUTFLOWING PIPE.
- STANDARD MANHOLES TYPE "C" AND STANDARD INSIDE DROP MANHOLES TYPE "C" SHALL BE BID AS STANDARD MANHOLES FOR THE TYPE AND DIAMETER INDICATED. OUTSIDE DROP MANHOLES TYPE "C" SHALL BE BID AS STANDARD OUTSIDE DROP MANHOLES FOR THE TYPE AND DIAMETER INDICATED. ALL MANHOLE DIAMETERS WILL BE 4' UNLESS INDICATED OTHERWISE.

LATERAL 69, MAIN 17, SANITARY SEWER No. 22 INCLUDING LIFT STATION

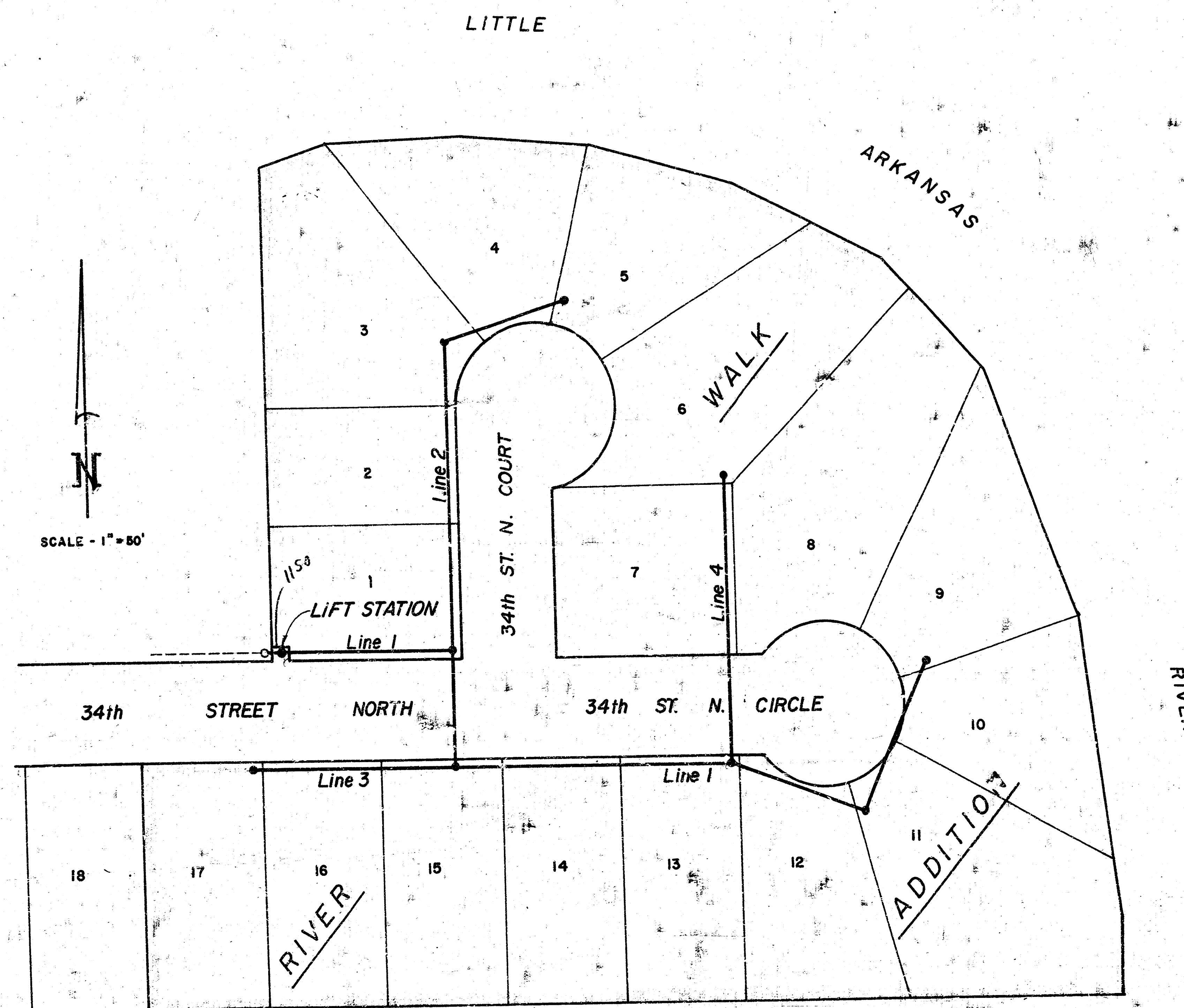
Project no. 468-76-245-81255-000-000-001

RIVER WALK ADDITION

CITY OF WICHITA, KANSAS
MIKE LINDEBAK CITY ENGINEER



Location Map



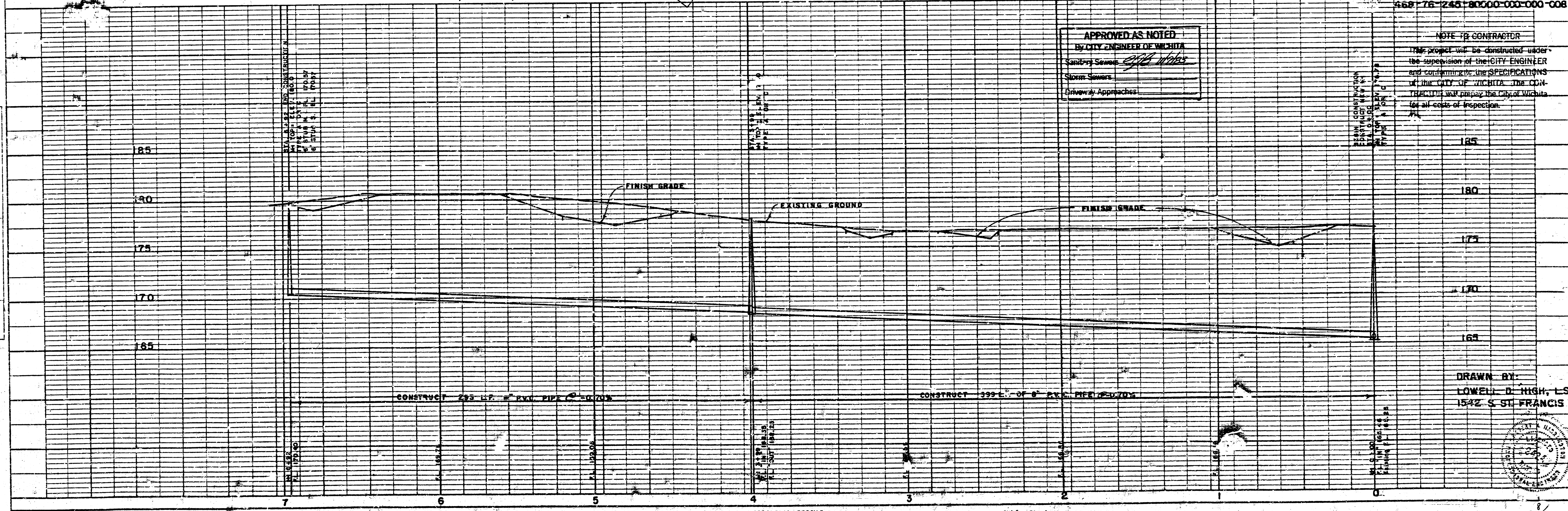
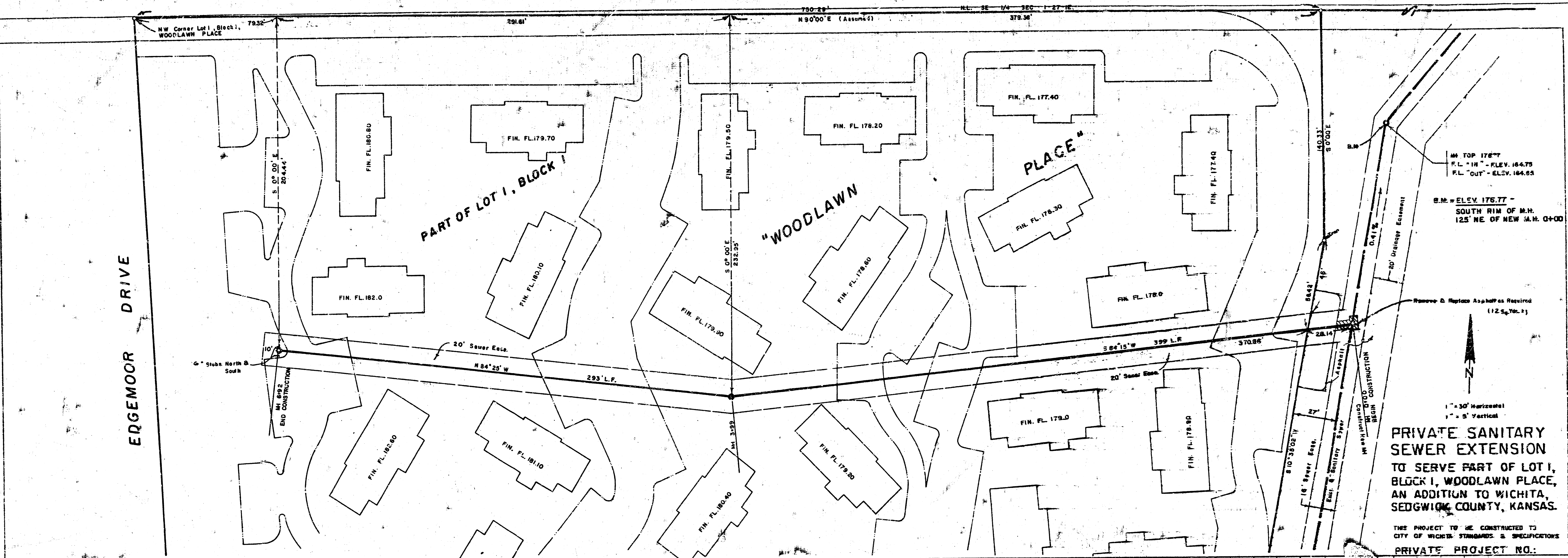
*Red.
See me before
Booking this.
Chris*

NOTE -
THE CONTRACTOR IS TO BE RESPONSIBLE FOR THE FEE COST TO GAS SERVICE
CO. FOR THE METER AND FOR THE PUMP STATION LOCATION.
THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF TWO SEPARATE
PHASE GENERAL PERMITS. ONE IS TO BE HOOKED UP
WITH THE CITY OF WICHITA DELIVERED TO THE CITY



PLAN
 DATE: 4/4
 NOTE: BOOK 1, ALPHABETICALLY
 NO. 1

PROFILE
 DATE: 4/4
 NOTE: BOOK 1, ALPHABETICALLY
 NO. 1



PRIVATE SANITARY
 SEWER EXTENSION
 TO SERVE PART OF LOT 1,
 BLOCK 1, WOODLAWN PLACE,
 AN ADDITION TO WICHITA,
 SEDGWICK COUNTY, KANSAS.

THIS PROJECT TO BE CONSTRUCTED TO
 CITY OF WICHITA STANDARDS & SPECIFICATIONS
 PRIVATE PROJECT NO.:
 468176-12451-00000-000-000

APPROVED AS NOTED
 BY CITY ENGINEER OF WICHITA
 Sanitary Sewers: *John Weber*
 Storm Sewers:
 Driveway Approaches:

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 CON-
 TRACTOR will prepay the City of Wichita
 for all costs of inspection.

DRAWN BY:
 LOWELL D. HIGH, L.S.
 1542 S. ST. FRANCIS