

STORM WATER SEWER NO. 113

CITY OF WICHITA, KANSAS

R.W. LINN, CITY ENGINEER

CENTRAL AVE.

SEC. 20, T27S, R2E

GENERAL NOTES

The price bid for "Clearing Right-of-Way" shall include all removal and replacement work necessary for construction of Storm Water Sewer No. 113 and shall include tree removal and the removal and replacement of stone walls and walks. This work east of Longford Lane shall also include the shaping of the surface similar to existing ~~and the~~ planting of similar trees. Attempts have been made to indicate location of trees, stone walls and stone walks on the plans. Site inspection is required by contractor to verify extent of required work.

The price bid for "Pipe" includes the required fence removal and replacement. It may be possible to construct Storm Water Sewer No. 113 without fence removal, but costs may be less to the contractor if he removes and replaces the fence. The contractor has the option to construct Storm Water Sewer No. 113 with or without fence removal. All fence removed shall be replaced.

Pipe furnished for this project shall be either all reinforced concrete pipe or all corrugated metal pipe. Corrugated metal pipe shall conform to the applicable sections of Section 1009.05 and 1009.07 of the 1973 Kansas State Highway Specifications. Corrugated metal pipe furnished for this project shall be coated in accordance with "Type C" of Section 1009.07. The outlet pipes from curb inlets shall be same size corrugated metal pipe as shown for reinforced concrete pipe.

All curb inlets are to be constructed at the "set-back" location. See Wichita Standard Drawing for Standard 2' x 5' Inlet (Set Back Location). Construction notes for each inlet gives the size and length of the out-flow pipe together with its upstream flow elevation (U.S.F.L.) and its downstream flow elevation (D.S.F.L.).

All brick manholes are to be constructed in accordance with Wichita Standard Drawing entitled "Sewer Appurtenances."

Contractor must use special care while constructing inlets on west side of Longford Lane so as to not damage water line under said inlets. The water lines as shown on the plans as "proposed" may be constructed by the time that the inlets are to be constructed.

Manhole rings having a base diameter of 54" shall be used with all brick manholes.

NOTE: TREES TO BE REMOVED ONLY WHEN APPROVED BY THE ENGINEER

PROJECT NO. DBKA 574066

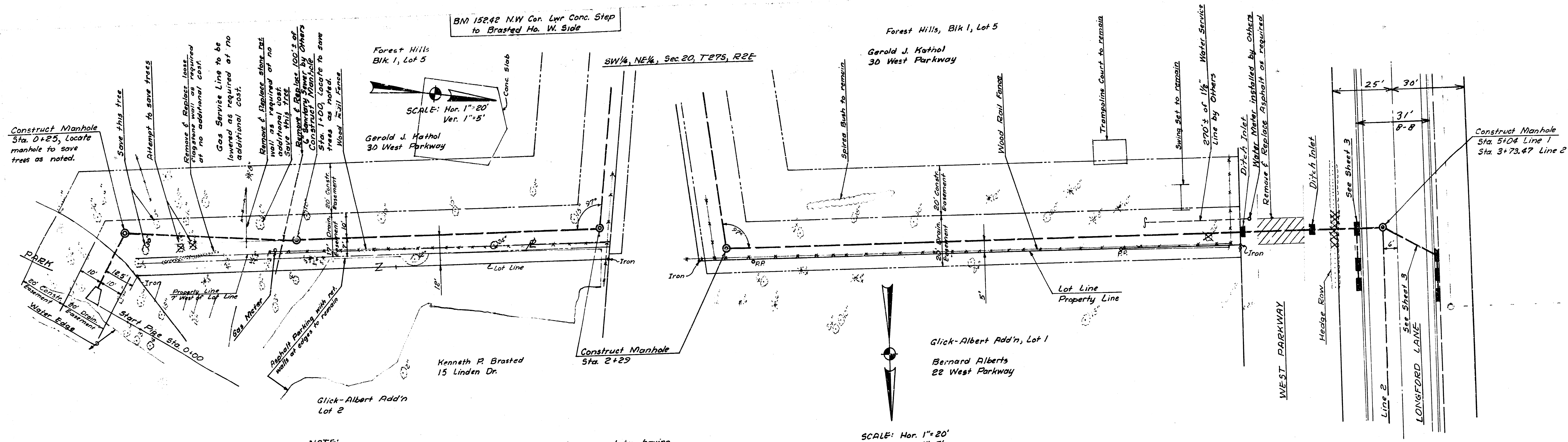
DATE: _____

STORM WATER SEWER NO. 113

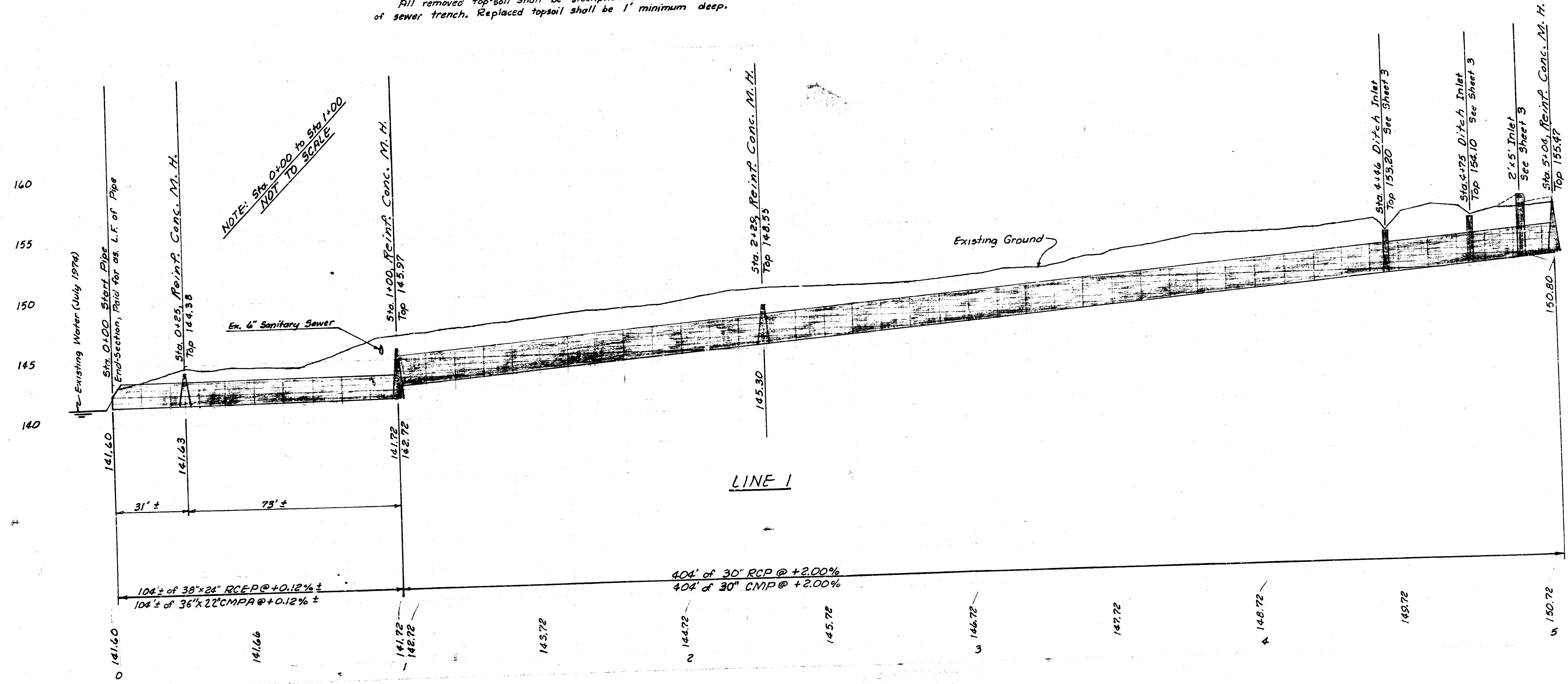
Sheet 1 of 5 $\frac{1}{5}$

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DCD 116



NOTE:
All trees to remain except those indicated to be removed by having said tree marked above with a cross. Tree removal to be included in price bid for clearing right of way.
All fences required to be removed for the construction of SWS #113 shall be replaced in a condition equal to existing and the cost thereof shall be included in prices bid for pipe.
All removed topsoil shall be stockpiled & replaced at surface of sewer trench. Replaced topsoil shall be 1' minimum deep.

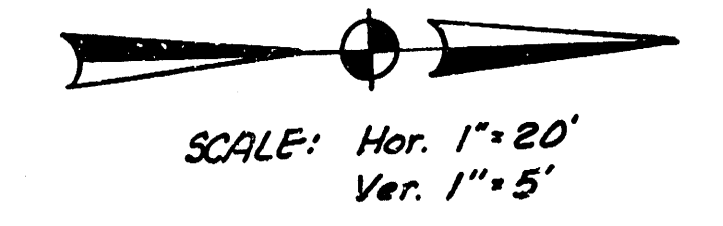
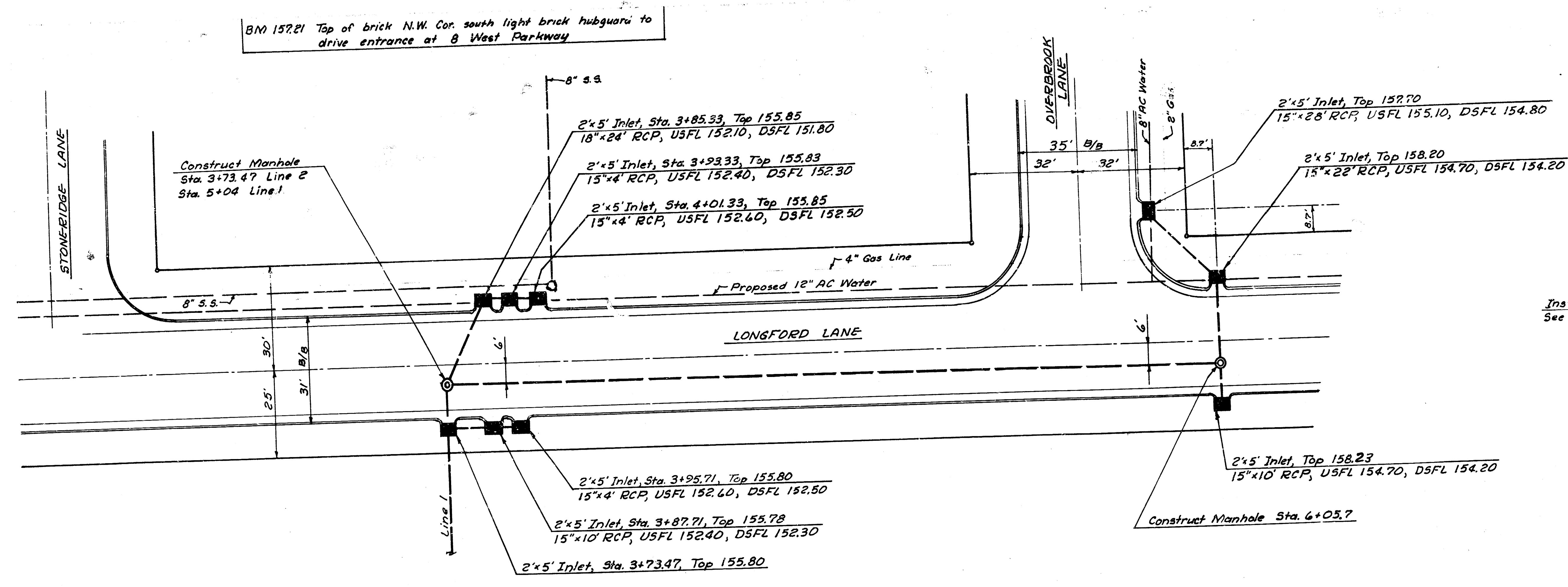


LINE 1, SWS #113, Project No. DBKA 574066

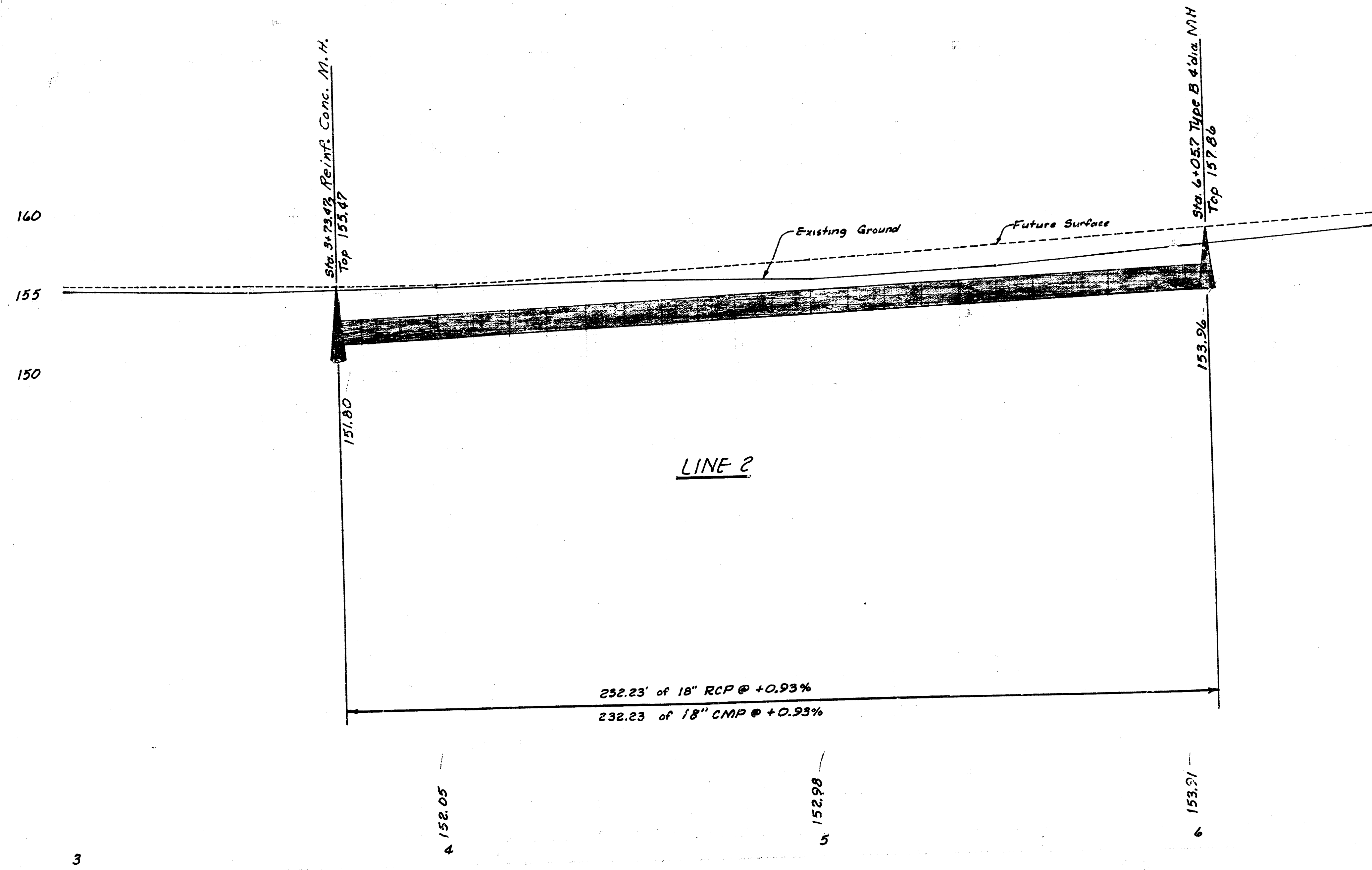
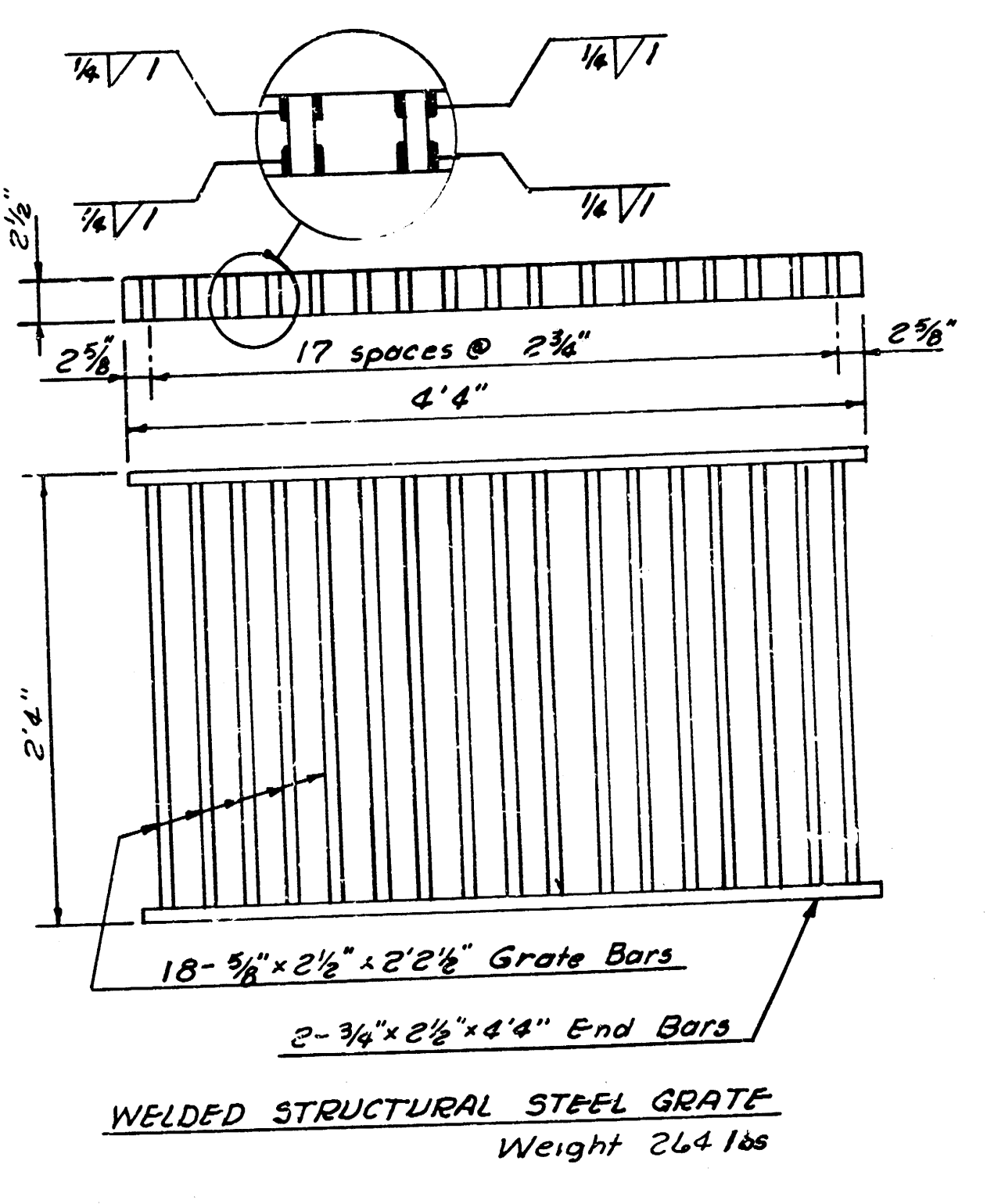
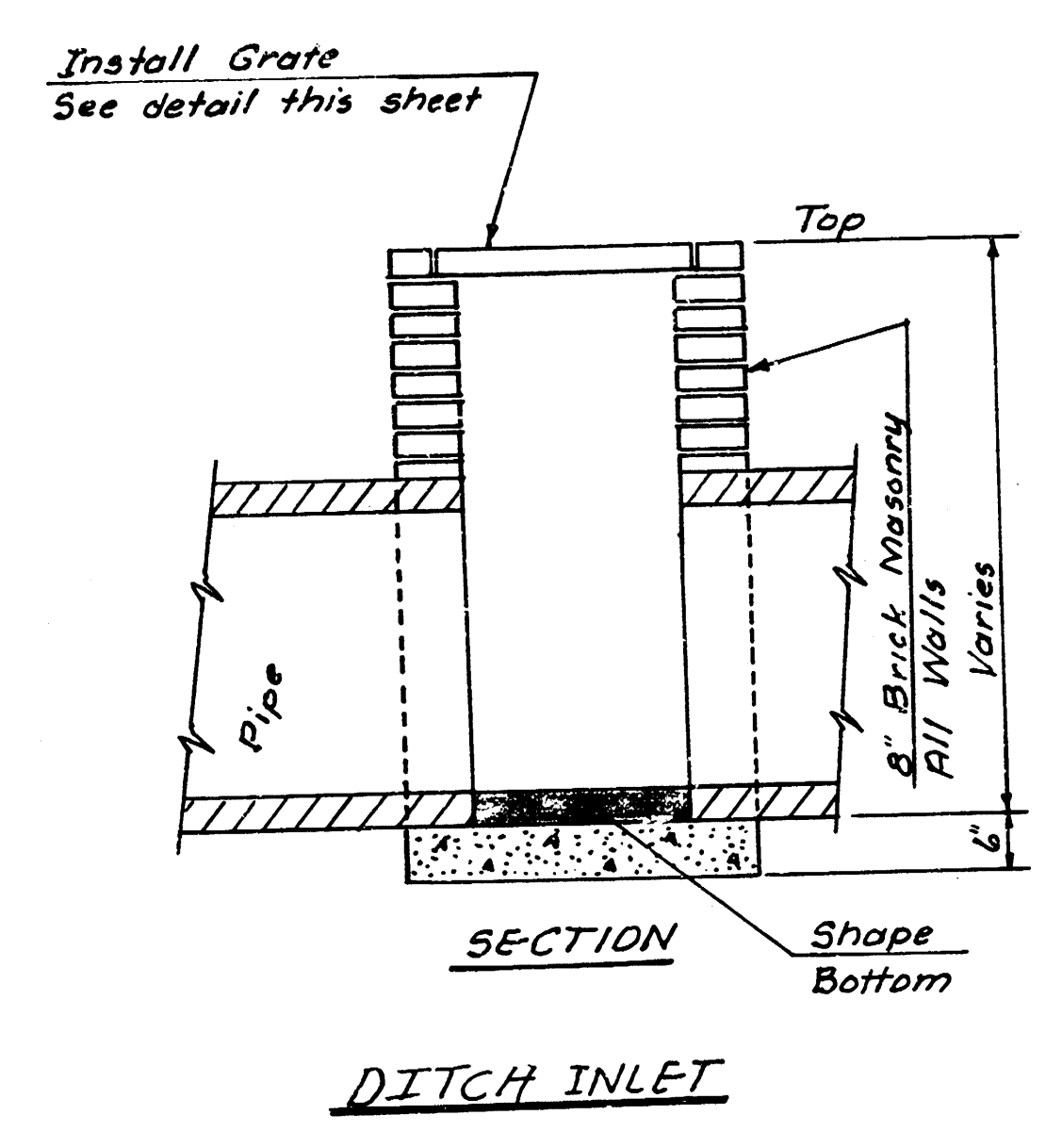
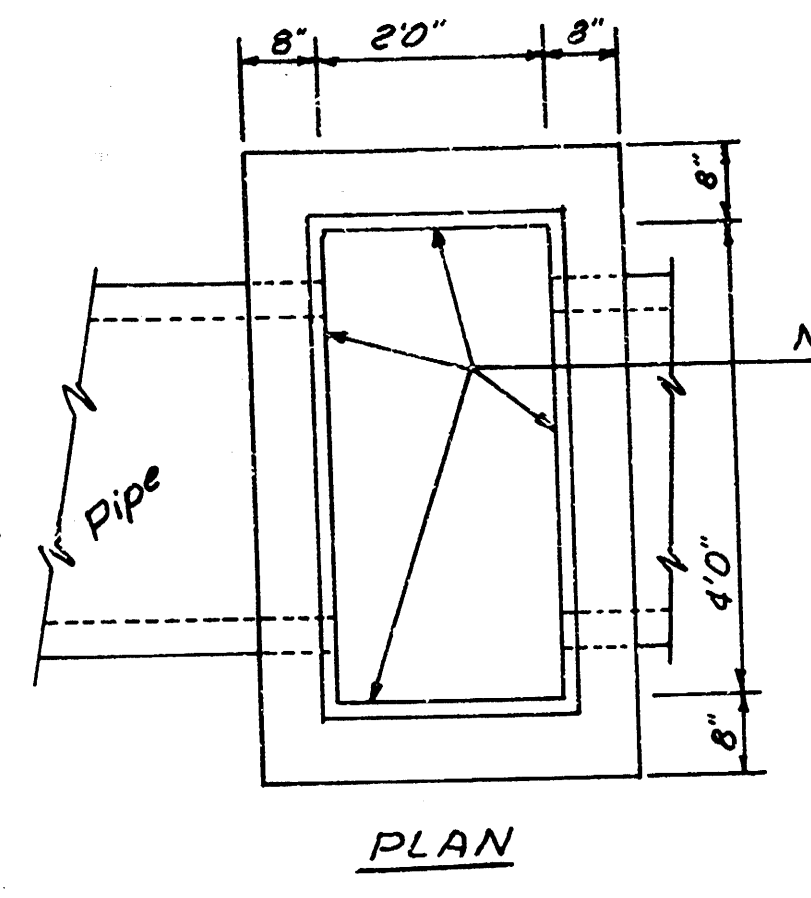
Sheet 2 of 5

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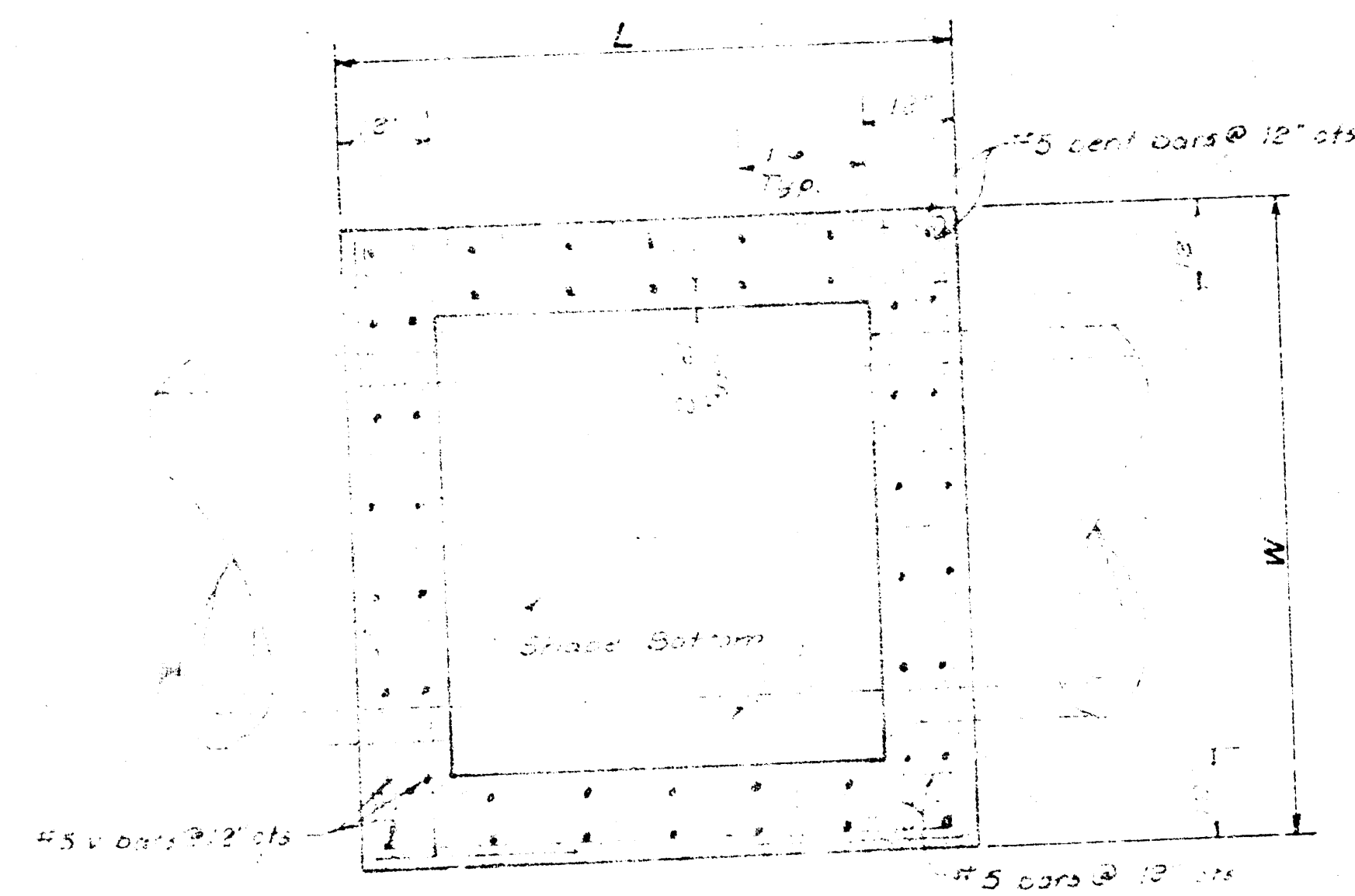
NOTE: Streets as shown are proposed and do not exist. All inlets at set-back location.
Stationing this sheet equals paving stationing Longford Lane.



LINE 2 SWS#113 Project No. DBKA 574066

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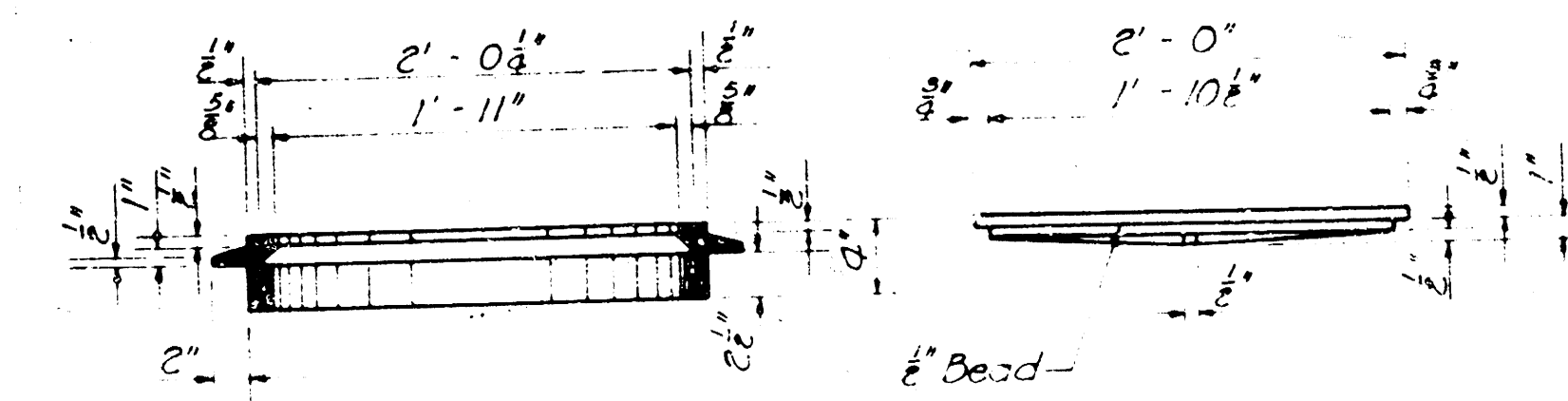


PLAN SECTION THRU WALLS
SCALE 1/2"=1'-0"

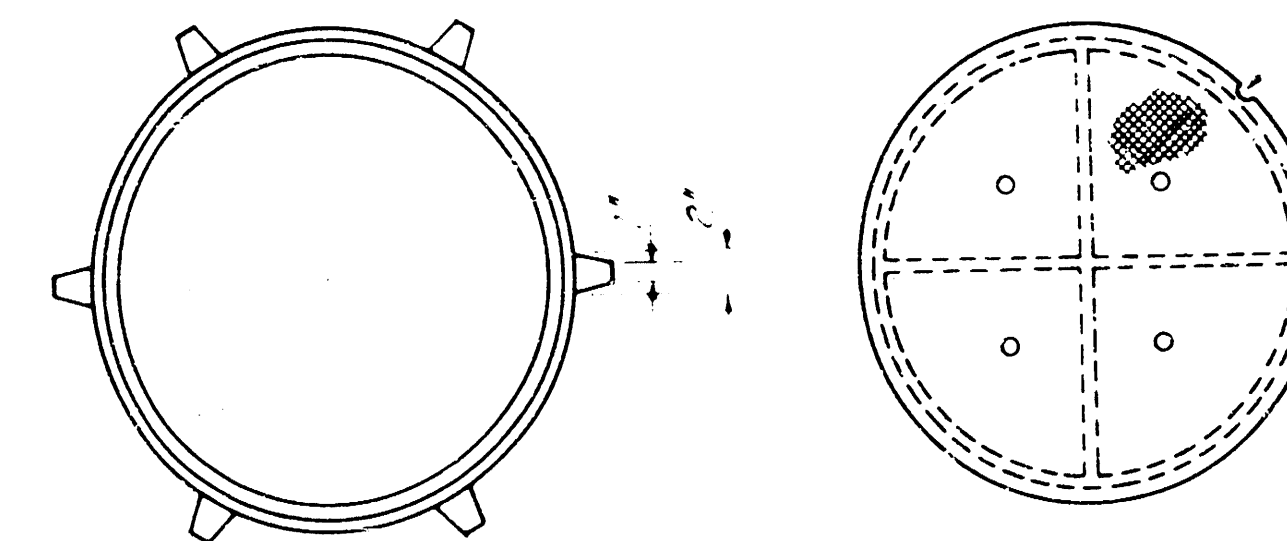
MANHOLE SCHEDULE

STATION	"L"	"W"	Top Elev.
0+25*	6'0"	6'0"	144.38
1+00*	6'0"	6'0"	145.97
2+29*	6'0"	6'0"	148.55
5+04	6'0"	6'0"	154.05

* Light Type Casting



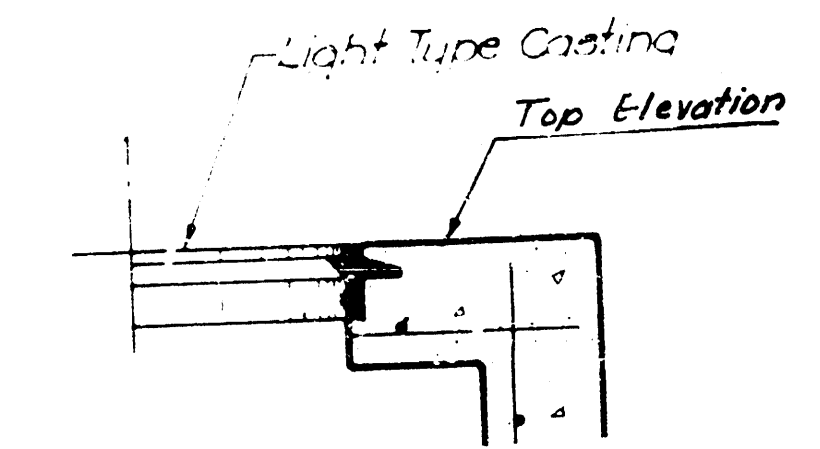
NOTE: Weight of castings includes no allowance for fillers and overruns.



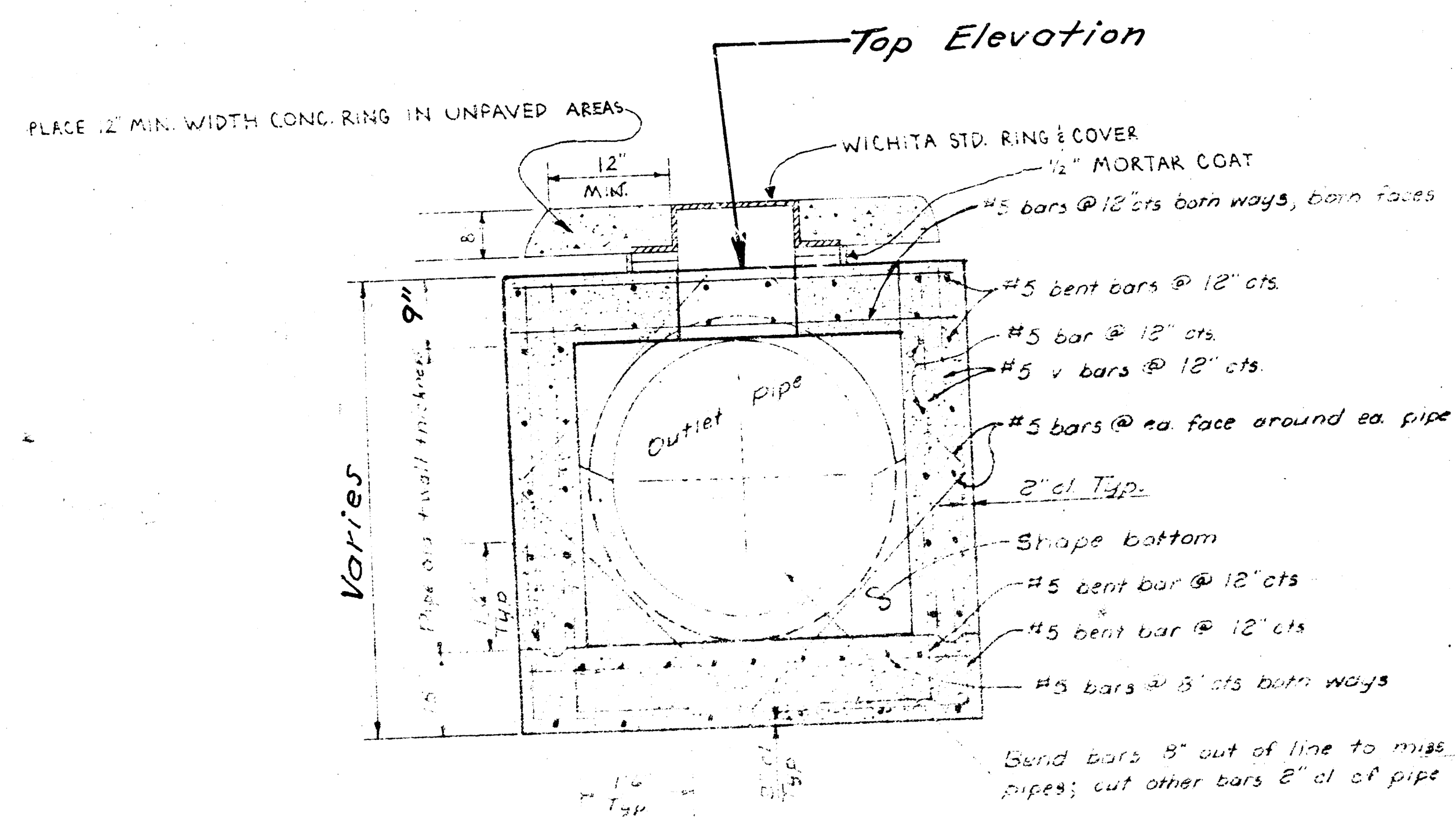
CAST IRON MANHOLE RING
Weight - 53 lbs.

CAST IRON MANHOLE COVER
Weight - 64 lbs.

LIGHT TYPE MANHOLE COVER & RING



LIGHT TYPE CASTING INSTALLATION

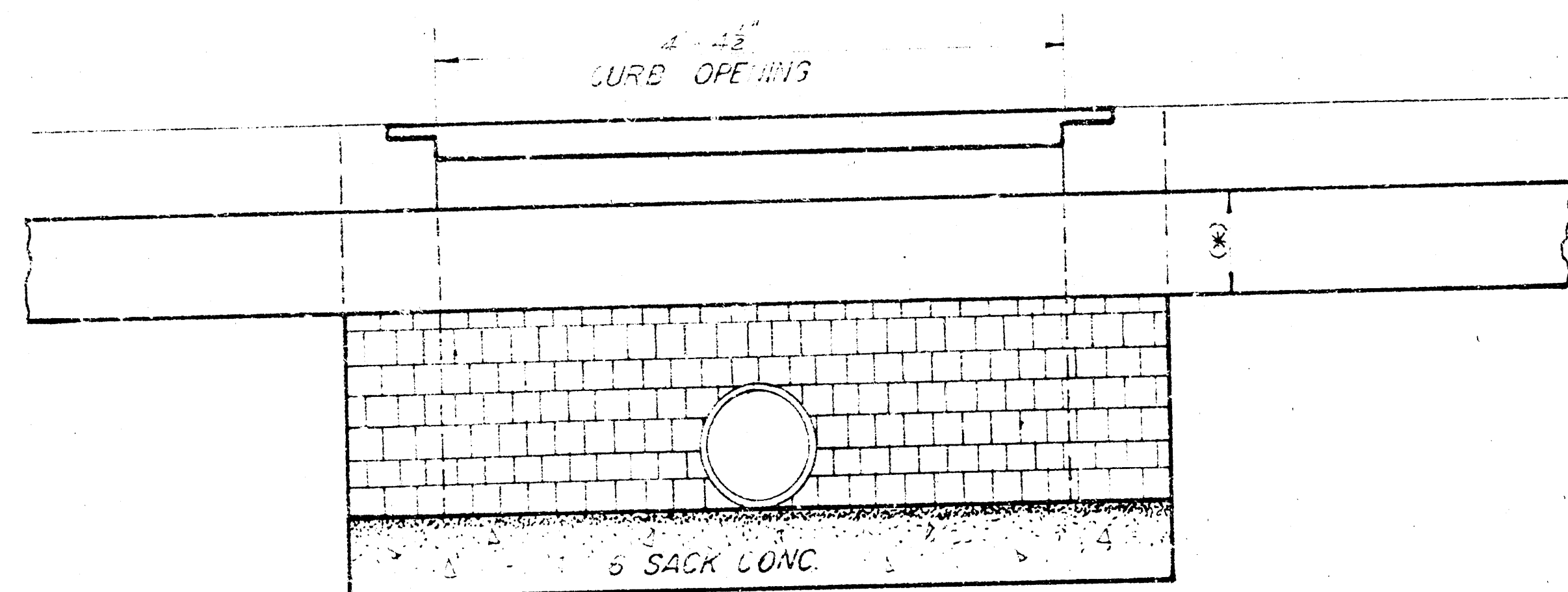


TYPICAL ELEVATION SECTION
SCALE 1/2"=1'-0"

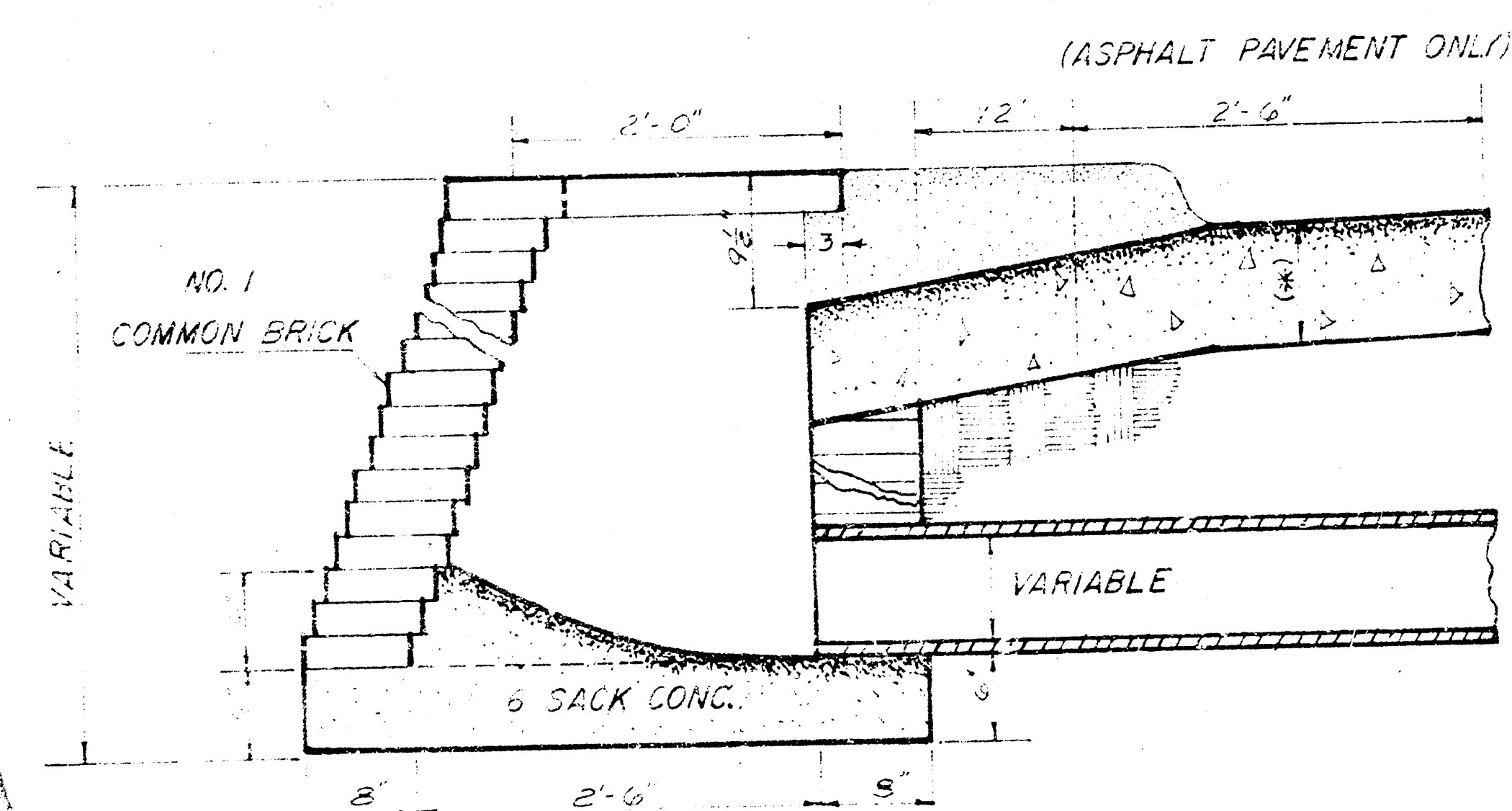
STD. REINFT. CONC. MANHOLE DETAILS

Reinforced Concrete Manhole Details
S. W. S. #113
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Sheet # 4 of 5

THIS TYPE INLET TO BE USED
WHEN PAVEMENT IS ASPHALT
PAVEMENT WITH ASPHALT
BASE COURSE AND/OR WHEN
PAVEMENTS HAVE ROLL CURB.



ELEVATION

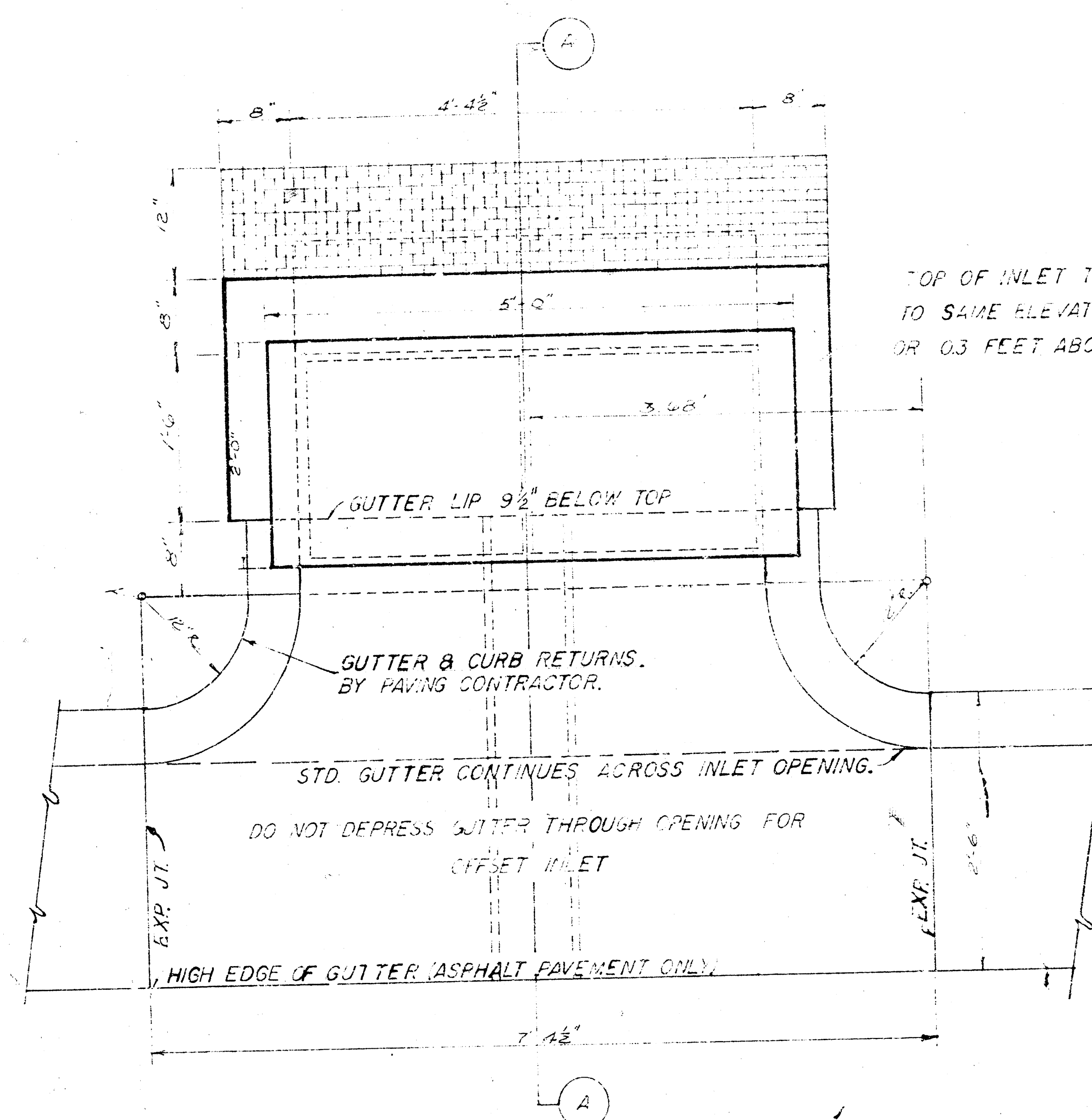


SECTION THRU INLET

2x5' INLET DETAIL
SCALE 1/4\"/>

NOTE: BRICK FOR INLET CONSTRUCTION
SHALL CONFORM WITH THE LATEST
REVISION OF THE AMERICAN
SOCIETY FOR TESTING AND
MATERIALS DESIGNATION C32
FOR MANHOLE BRICK GRADE MS.

(*) CURB & GUTTER OR PAVEMENT THICKNESS

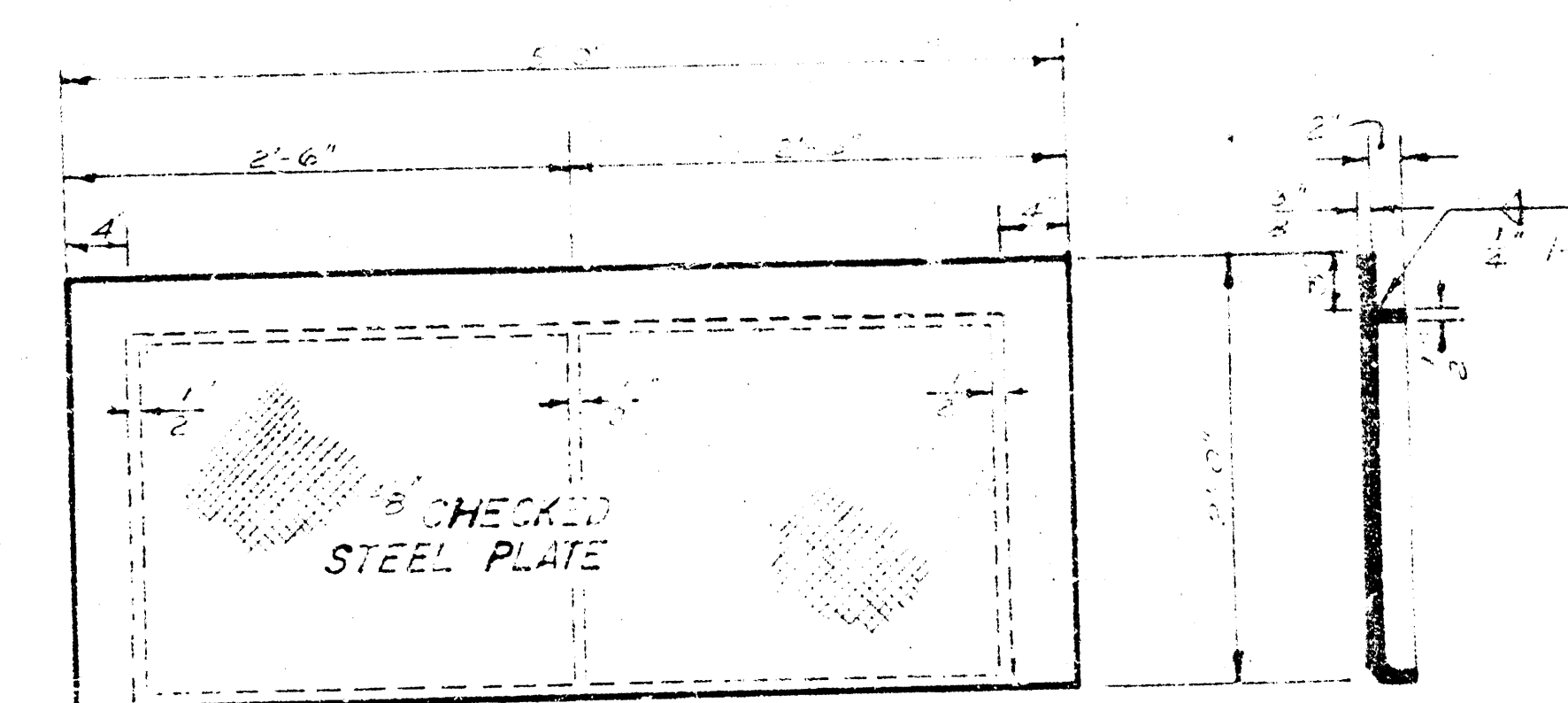


PLAN

STANDARD 2x5' INLET AT SET-BACK LOCATION

SCALE 1/4\"/>

NOTE: STRUCTURAL STEEL FOR
INLET COVER SHALL CONFORM
WITH THE LATEST REVISION OF
THE AMERICAN SOCIETY FOR
TESTING AND MATERIALS
DESIGNATION A36.



PLAN

SECTION

ELEVATION

CITY OF WICHITA
STEEL INLET COVER
WEIGHT=206 LBS.
SHOP PAINT=BLACK ASPH.
SCALE 1/4\"/>

DETAIL
STANDARD 2x5' INLET
(SET BACK LOCATION)

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

JUNE 1974

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