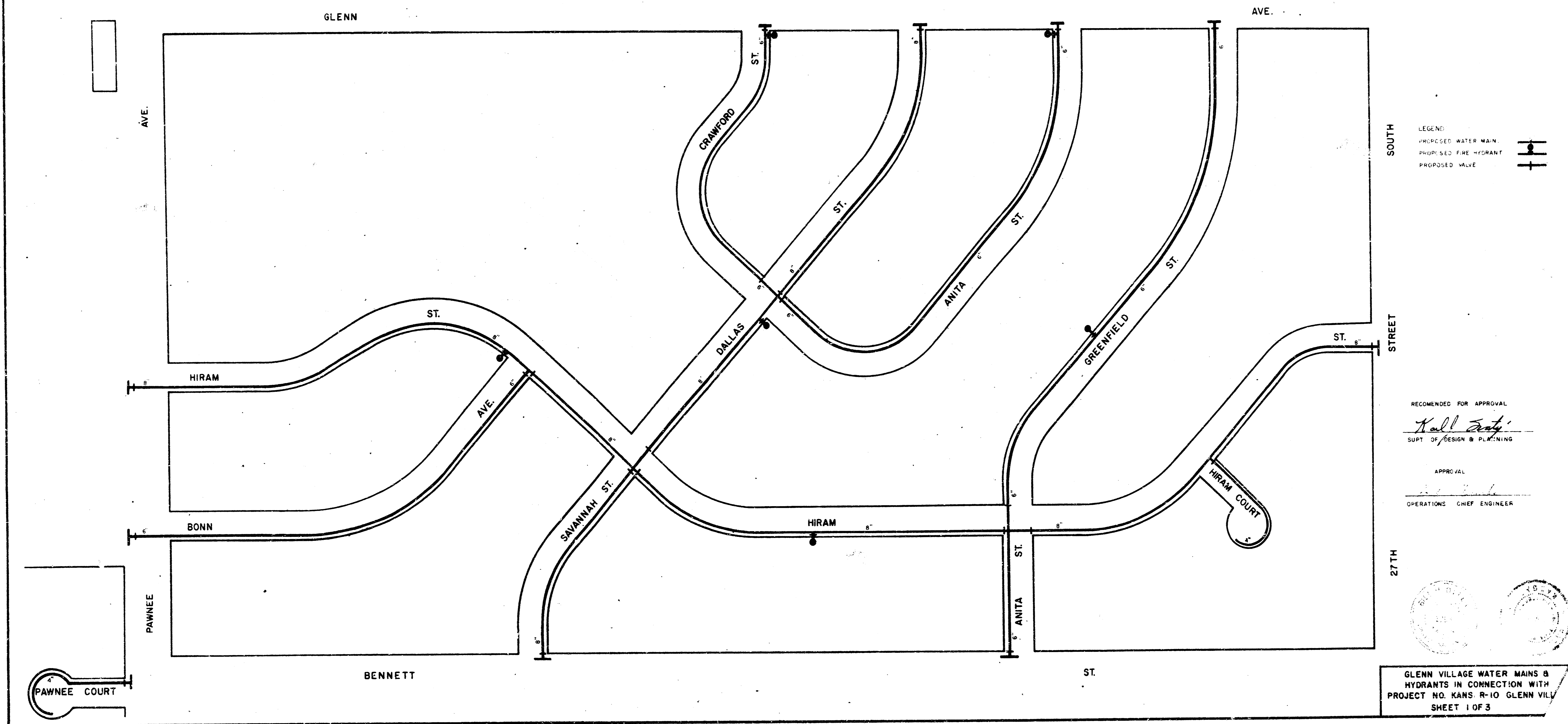
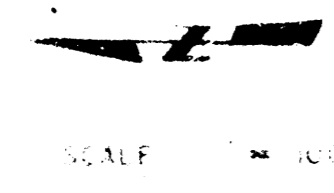


PLANS FOR
 WATER MAINS & HYDRANTS
 IN
 GLENN VILLAGE
 IN CONNECTION WITH
 PROJECT NO. KANS. R-10 GLENN VILLAGE
 URBAN RENEWAL AGENCY
 OF THE
 WICHITA, KANSAS METROPOLITAN AREA



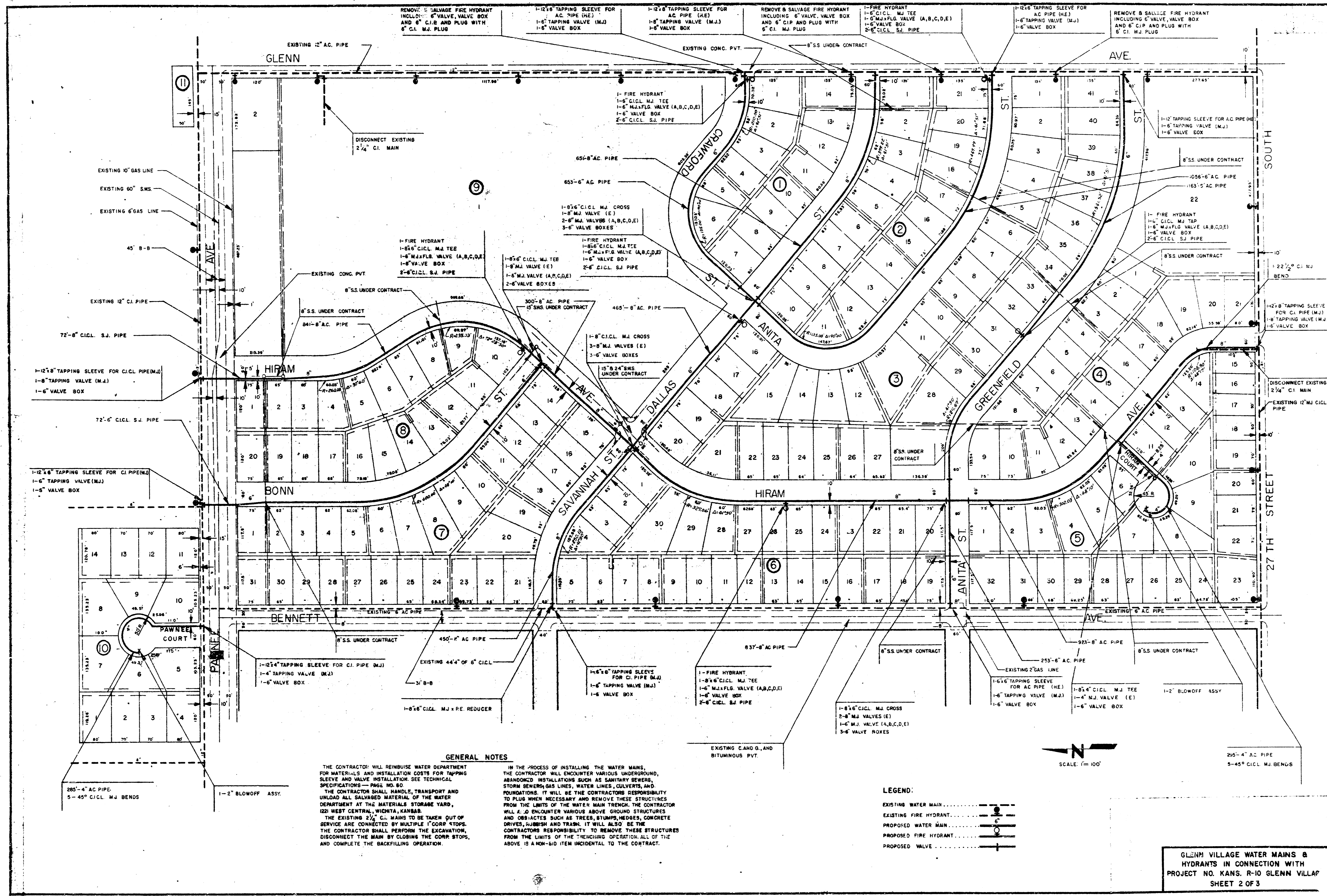
LEGEND:
 PROPOSED WATER MAIN
 PROPOSED FIRE HYDRANT
 PROPOSED VALVE

RECOMMENDED FOR APPROVAL
Karl Jantz
 SUPT. OF DESIGN & PLANNING

APPROVAL
 OPERATIONS CHIEF ENGINEER

27TH

GLENN VILLAGE WATER MAINS & HYDRANTS IN CONNECTION WITH PROJECT NO. KANS. R-10 GLENN VILLAGE SHEET 1 OF 3



GENERAL NOTES

THE CONTRACTOR WILL REIMBURSE WATER DEPARTMENT FOR MATERIALS AND INSTALLATION COSTS FOR TAPPING SLEEVES AND VALVE INSTALLATION. SEE TECHNICAL SPECIFICATIONS - PAGE NO. 100.

THE CONTRACTOR SHALL HANDLE, TRANSPORT AND UNLOAD ALL SALVAGED MATERIAL OF THE WATER DEPARTMENT AT THE MATERIALS STORAGE YARD, 1221 WEST CENTRAL, WICHITA, KANSAS.

THE EXISTING 2 1/4" C.I. MAINS TO BE TAKEN OUT OF SERVICE ARE CONNECTED BY MULTIPLE "COOP" TAPS. THE CONTRACTOR SHALL PERFORM THE EXCAVATION, DISCONNECT THE MAIN BY CLOSING THE CORP STOPS, AND COMPLETE THE BACKFILLING OPERATION.

IN THE PROCESS OF INSTALLING THE WATER MAINS, THE CONTRACTOR WILL ENCOUNTER VARIOUS UNDERGROUND, ABANDONED INSTALLATIONS SUCH AS SANITARY SEWERS, STORM SEWERS, GAS LINES, WATER LINES, CULVERTS, AND FOUNDATIONS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLUS WHEN NECESSARY AND REMOVE THESE STRUCTURES FROM THE LIMITS OF THE WATER MAIN TRENCH. THE CONTRACTOR WILL ALSO ENCOUNTER VARIOUS ABOVE GROUND STRUCTURES AND OBSTACLES SUCH AS TREES, STUMPS, HEDGES, CONCRETE DRIVES, CURBS AND TRAPS. IT WILL ALSO BE THE CONTRACTOR'S RESPONSIBILITY TO REMOVE THESE STRUCTURES FROM THE LIMITS OF THE TRENCHING OPERATION. ALL OF THE ABOVE IS A NON-60 ITEM INCIDENTAL TO THE CONTRACT.

LEGEND:

EXISTING WATER MAIN

EXISTING FIRE HYDRANT

PROPOSED WATER MAIN

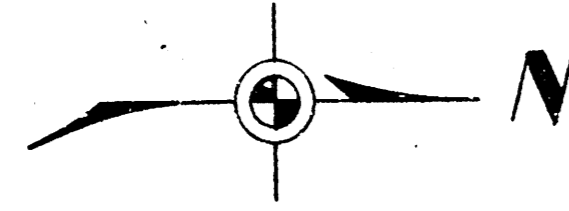
PROPOSED FIRE HYDRANT

PROPOSED VALVE

GLENN VILLAGE WATER MAINS & HYDRANTS IN CONNECTION WITH PROJECT NO. KANS. R-10 GLENN VILLAGE SHEET 2 OF 3

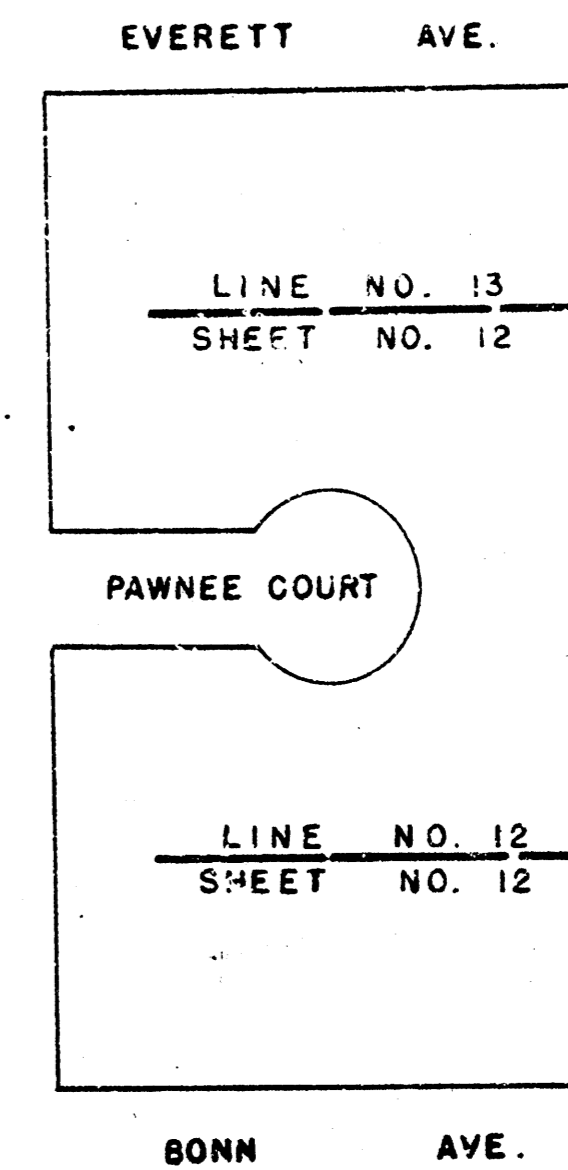
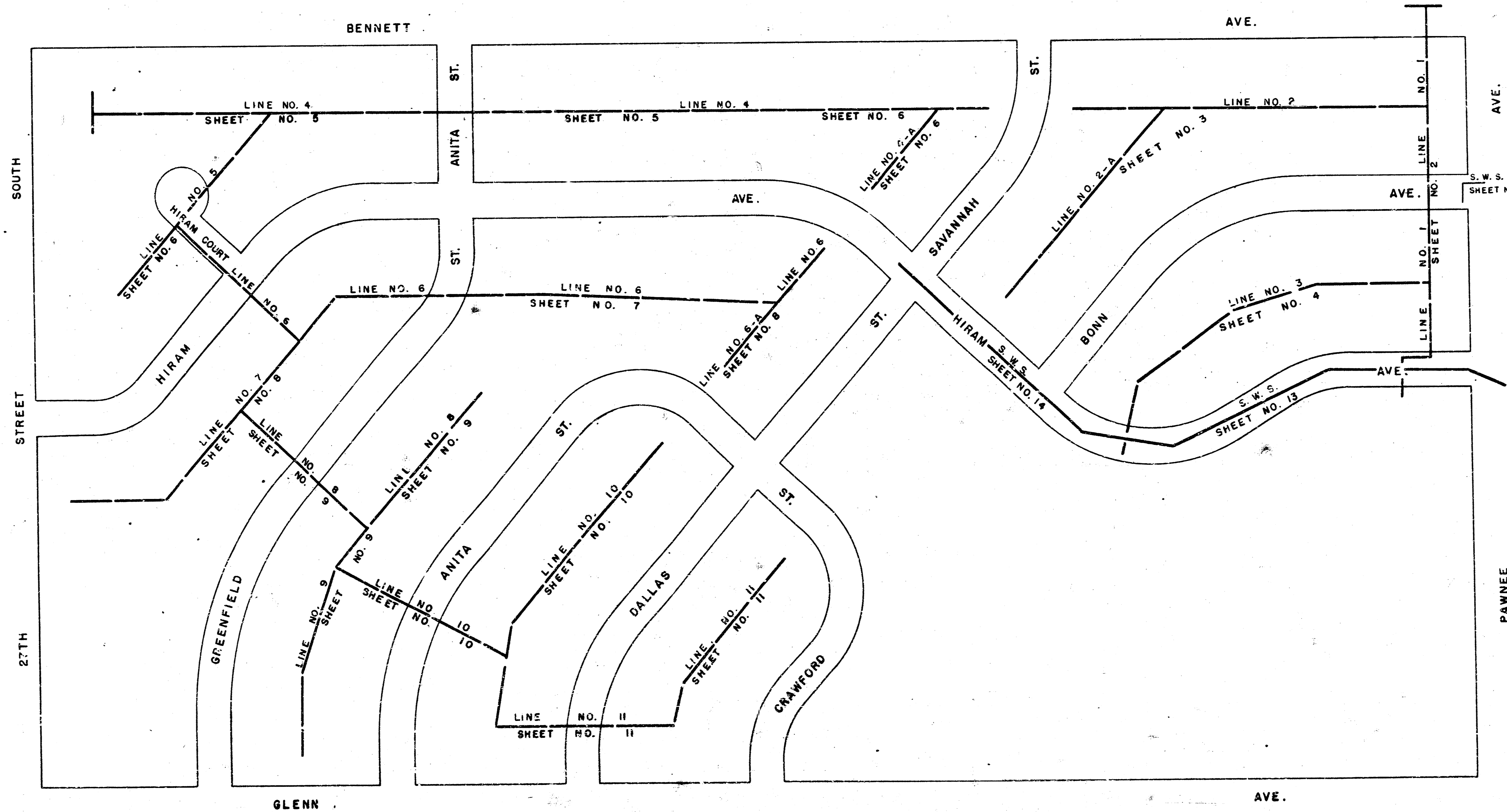
PLANS FOR
SANITARY SEWERS & STORM WATER SEWERS
 IN
GLENN VILLAGE

IN CONNECTION WITH
 PROJECT NO. KANS. R-10 GLENN VILLAGE
URBAN RENEWAL AGENCY
 OF THE
 WICHITA, KANSAS METROPOLITAN AREA



SCALE 1" = 100'

Survey by J. F. G. BK. NO. J.F.G. 75
 Drawn by J. M. B. BK. NO. J.F.G. 76
 Checked by J. M. B.

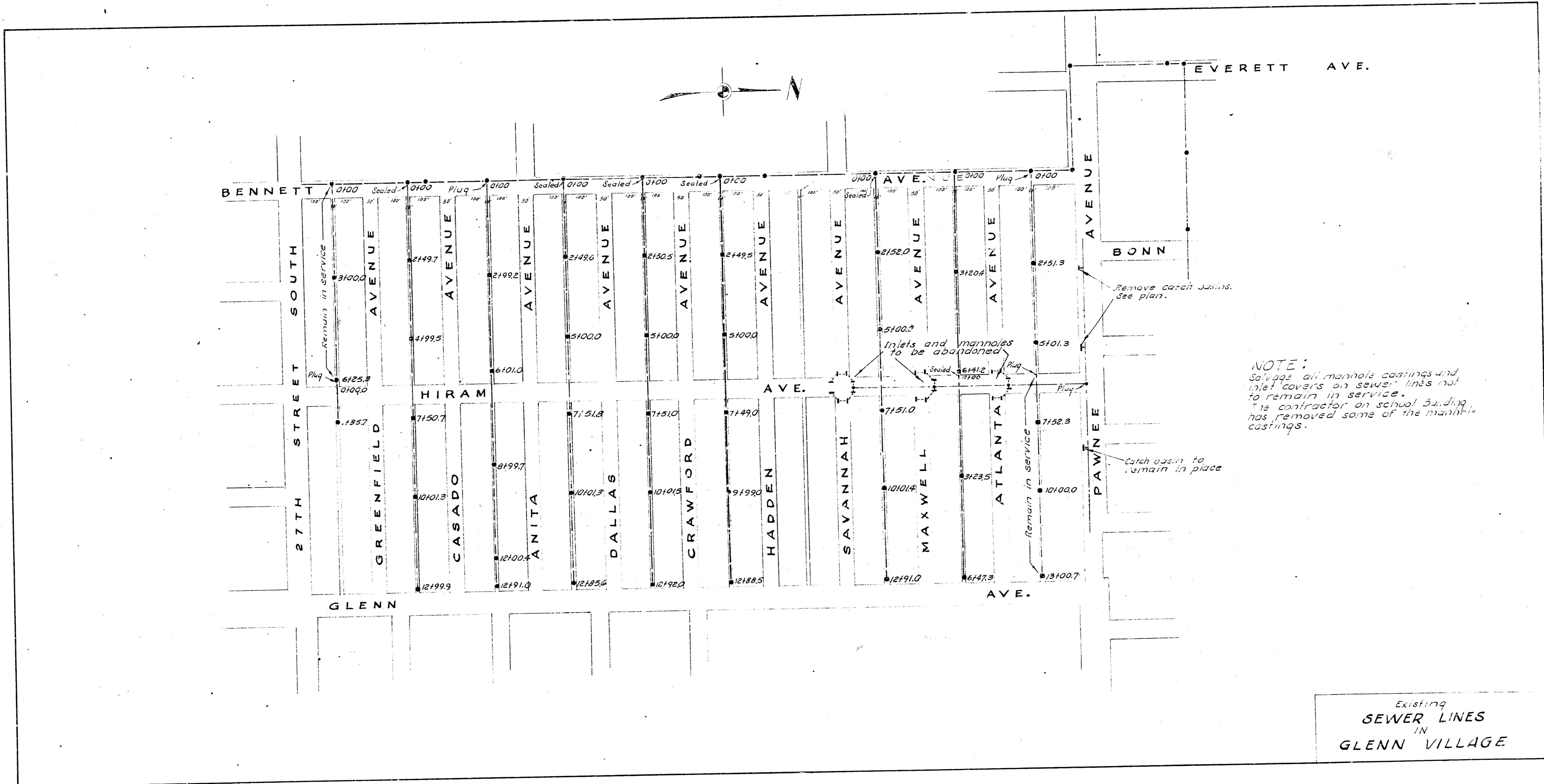


S.W.S. SHEET NO. 15

B. E. Smith 6-5-62
 B. E. SMITH
 CITY ENGINEER DATE

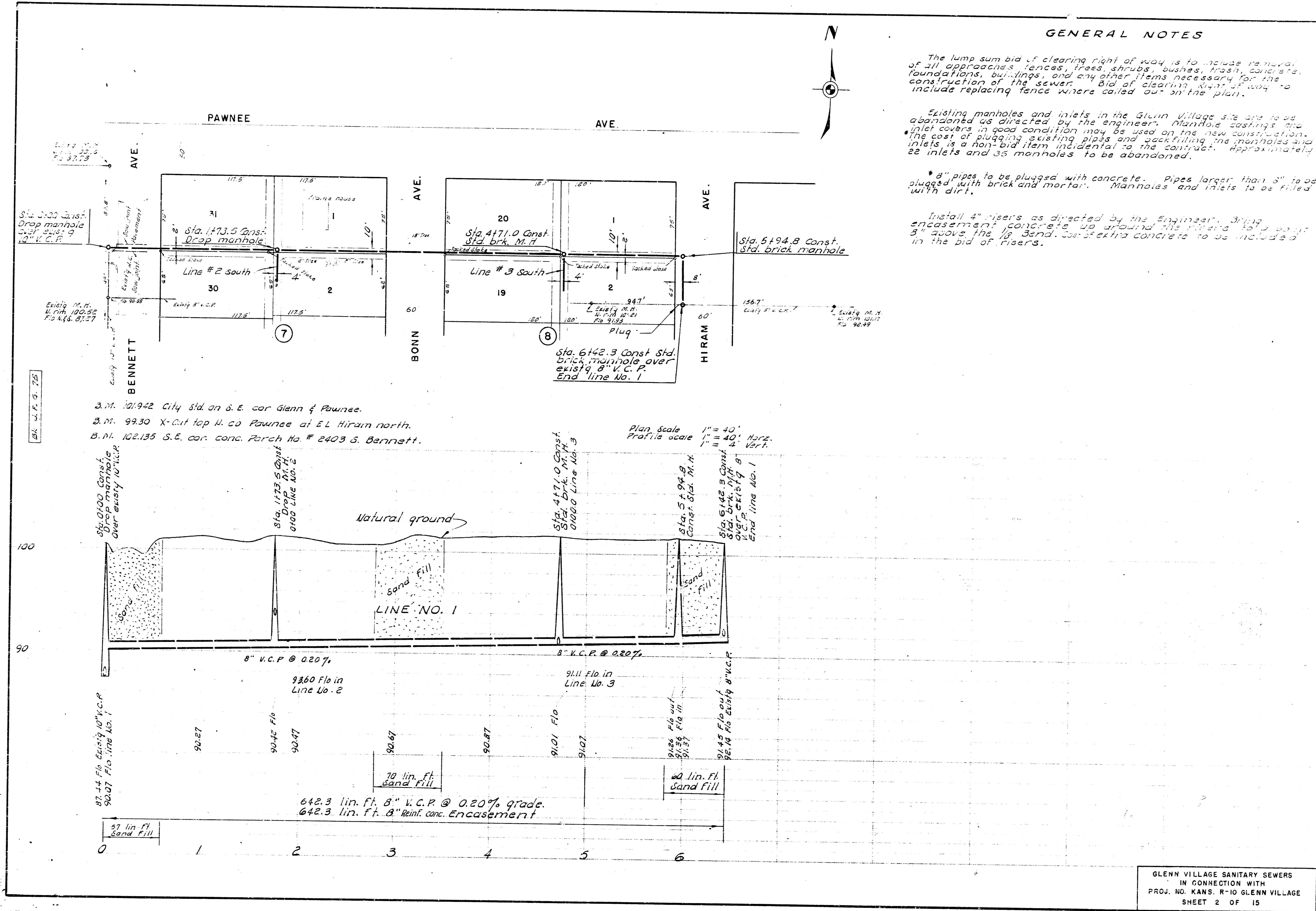


GLENN VILLAGE SANITARY SEWERS
 IN CONNECTION WITH
 PROJ. NO. KANS. R-10 GLENN VILLAGE
 SHEET 1 OF 15



NOTE:
 Salvage all manhole castings and inlet covers on sewer lines not to remain in service. The contractor on school building has removed some of the manhole castings.

Existing
SEWER LINES
 IN
GLENN VILLAGE



GENERAL NOTES

The lump sum bid of clearing right of way is to include removal of all approaches, fences, trees, shrubs, bushes, trash, concrete, foundations, buildings, and any other items necessary for the construction of the sewer. Bid of clearing right of way to include replacing fence where called out on the plan.

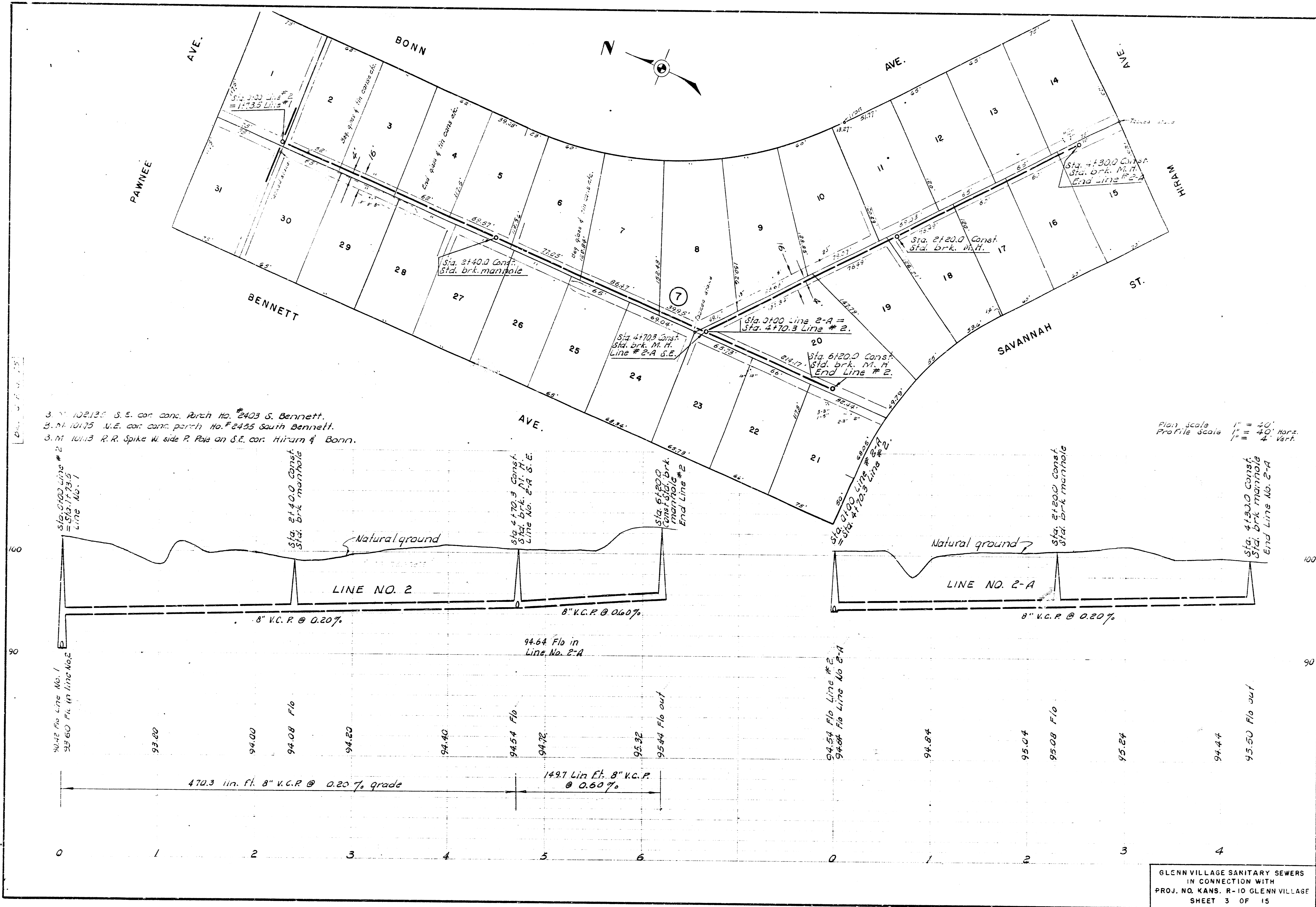
Existing manholes and inlets in the Glenn Village site are to be abandoned as directed by the engineer. Manhole castings and inlet covers in good condition may be used on the new construction. The cost of plugging existing pipes and backfilling the manholes and inlets is a non-bid item incidental to the contract. Approximately 22 inlets and 33 manholes to be abandoned.

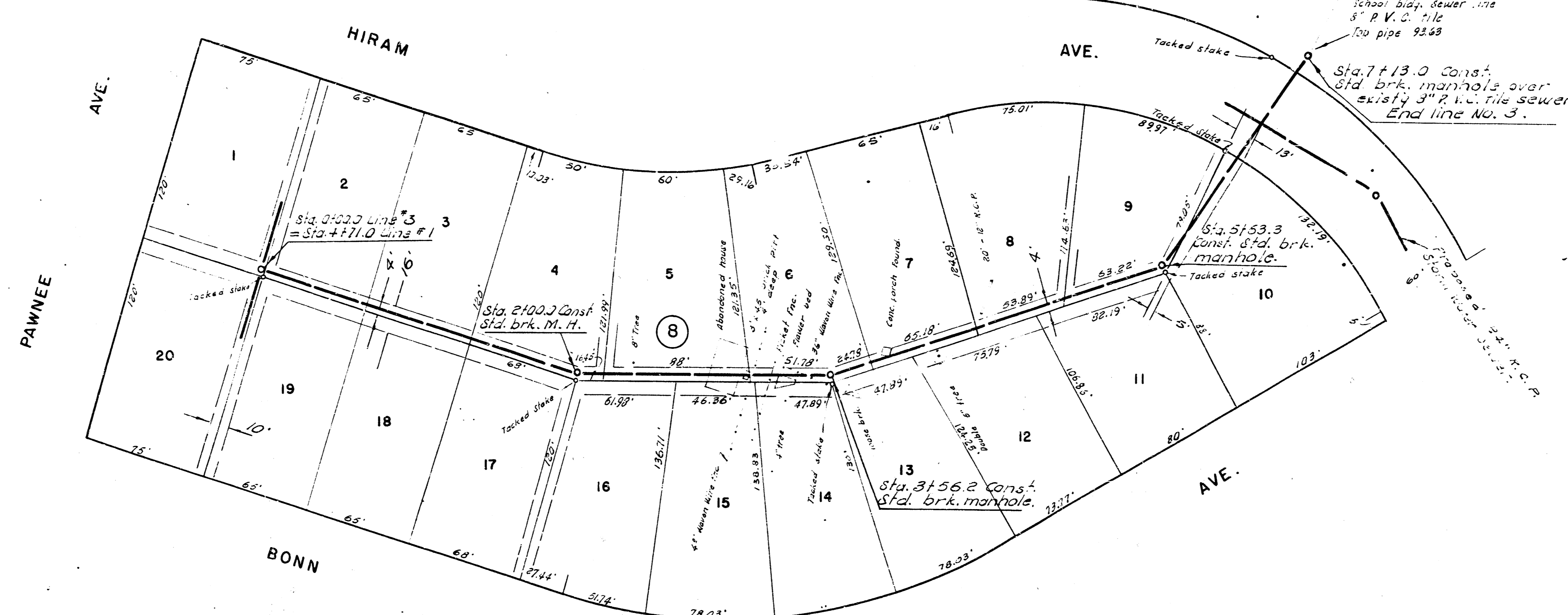
* 8" pipes to be plugged with concrete. Pipes larger than 8" to be plugged with brick and mortar. Manholes and inlets to be filled with dirt.

Install 4" risers as directed by the Engineer. Bring encasement concrete up around the risers fully 3" above the 19" sand. See existing concrete to be included in the bid of piers.

- 3. M. 101.942 City Std on S.E. cor Glenn & Pawnee.
- 3. M. 99.30 X-Cut top N. cor Pawnee at E.L. Hiram north.
- 3. M. 102.135 S.E. cor. conc. Porch No. # 2403 S. Bennett.

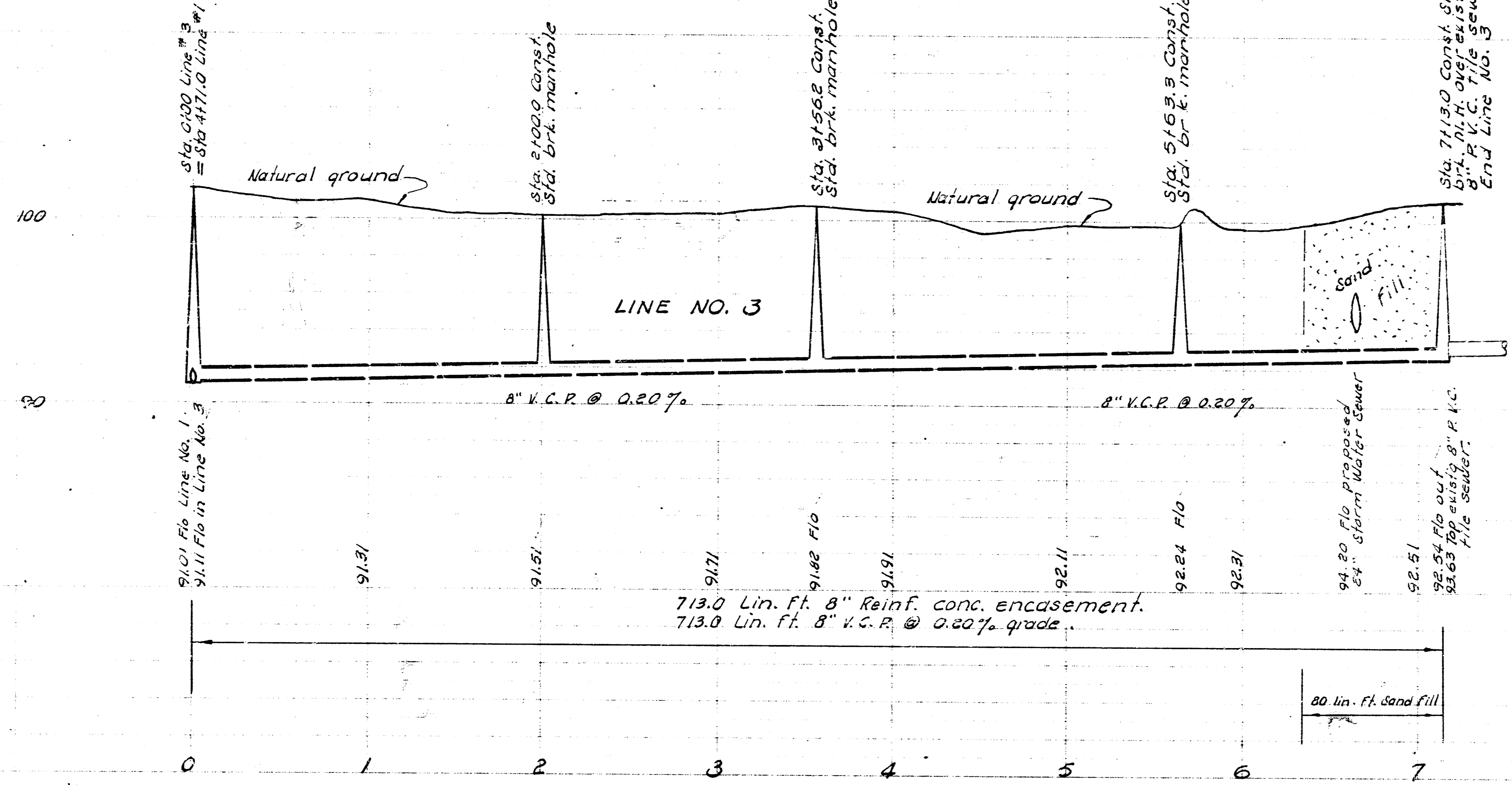
Plan Scale 1" = 40' Horiz.
Profile scale 1" = 4' Vert.

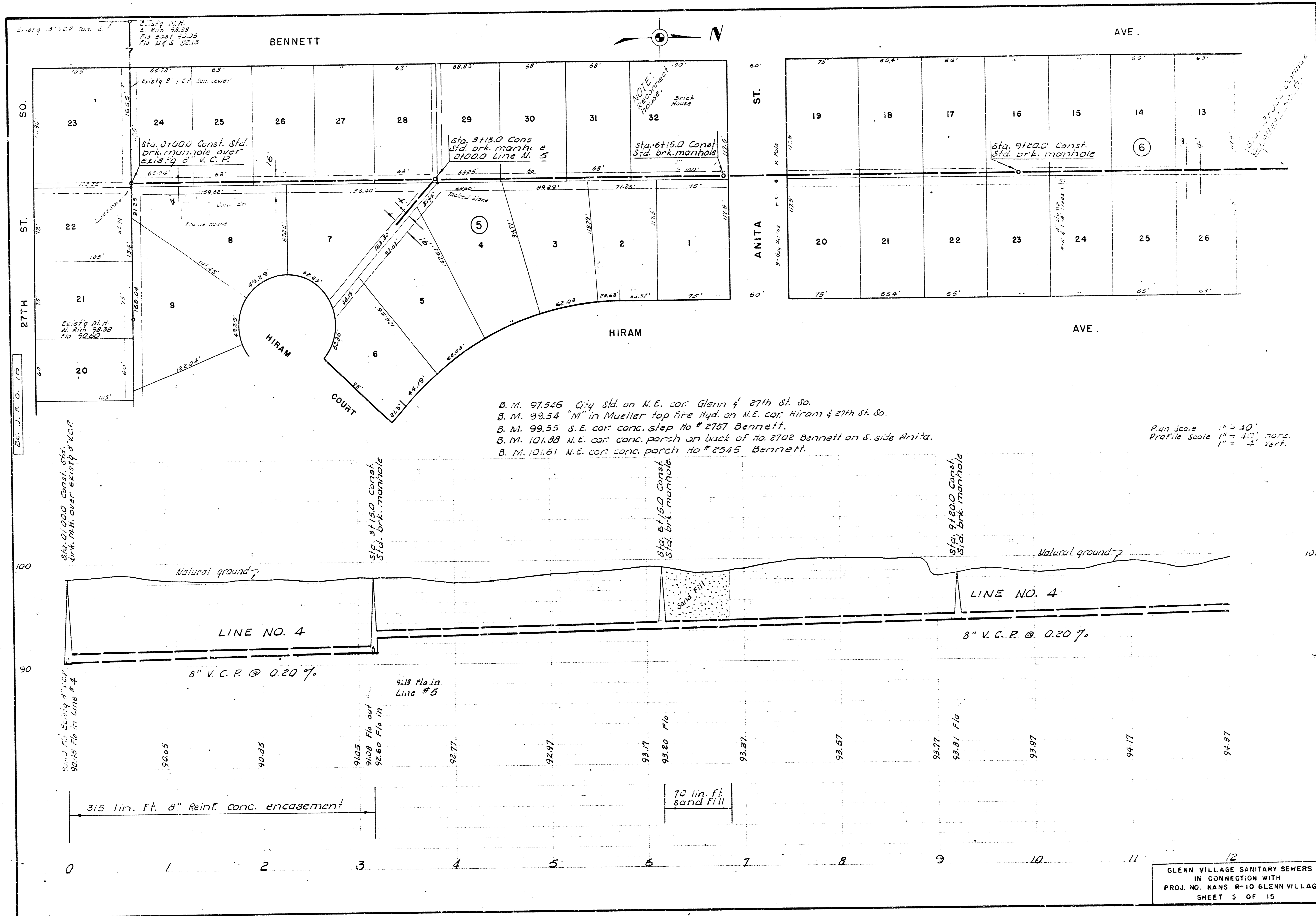


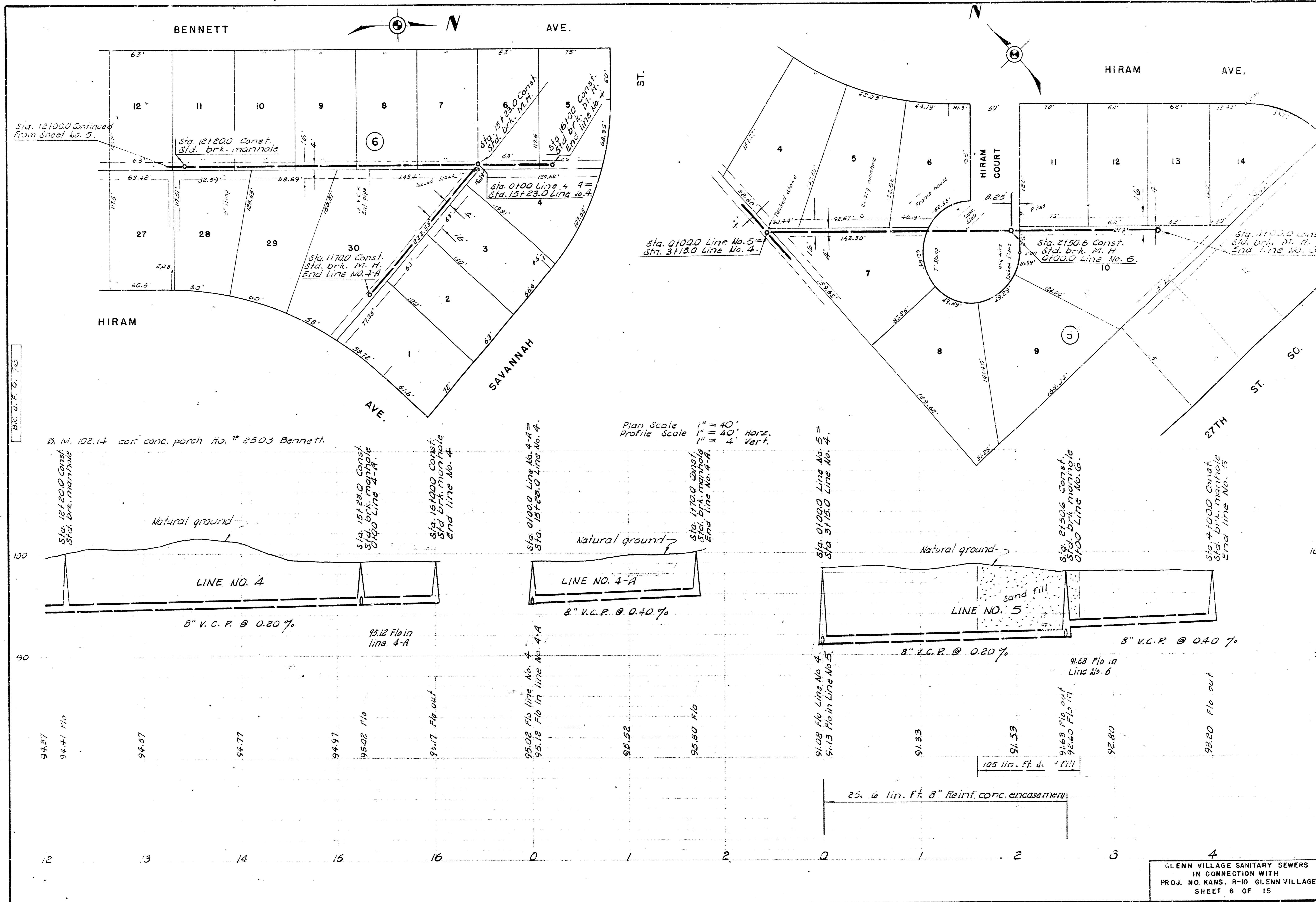


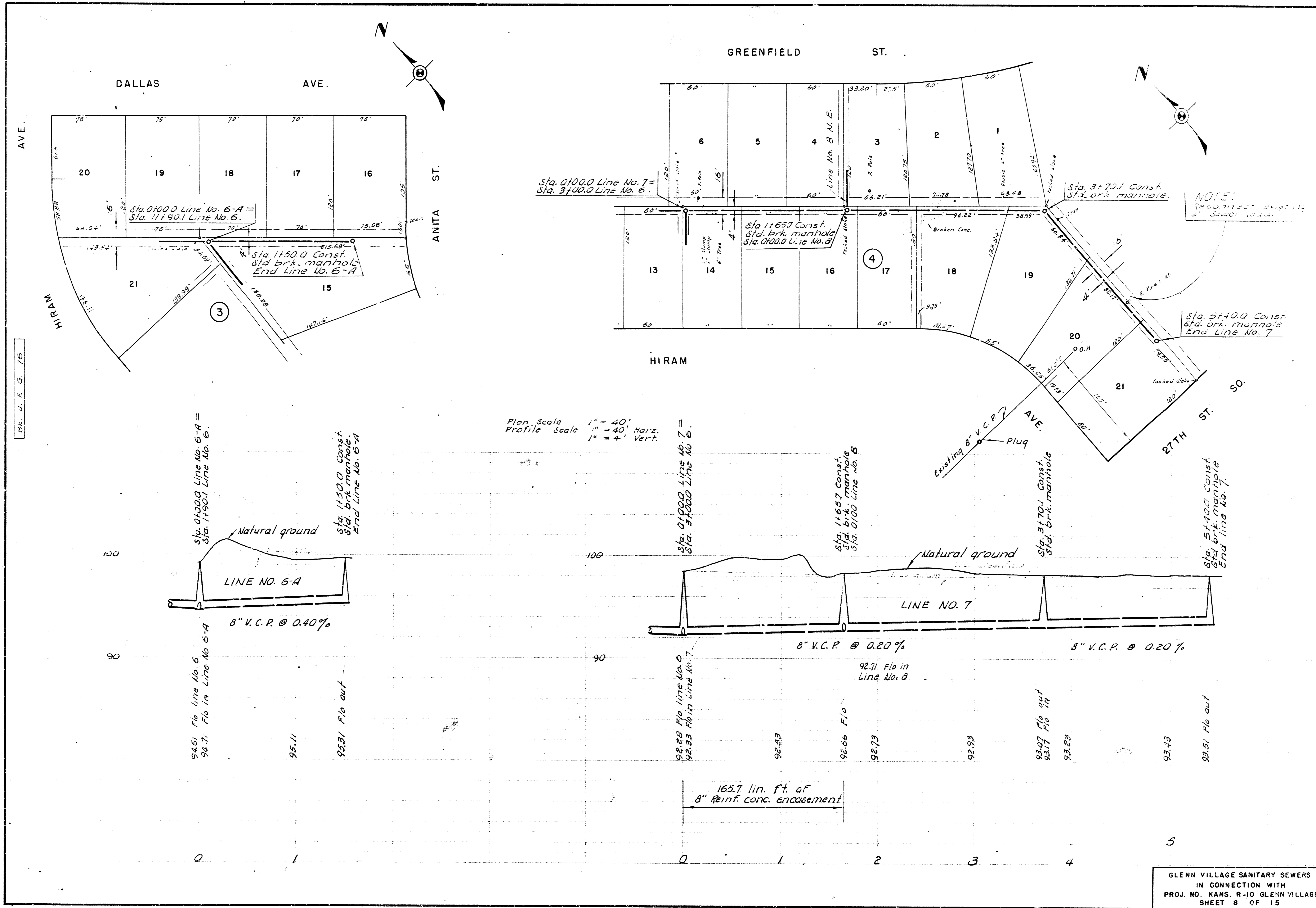
B.M. 99.30 "x" - Cut top N. of Pawnee at EL Hiram North.
 B.M. 101.13 R.R. Spike W. side R. Pole on S.E. cor. Hiram & Bonn.

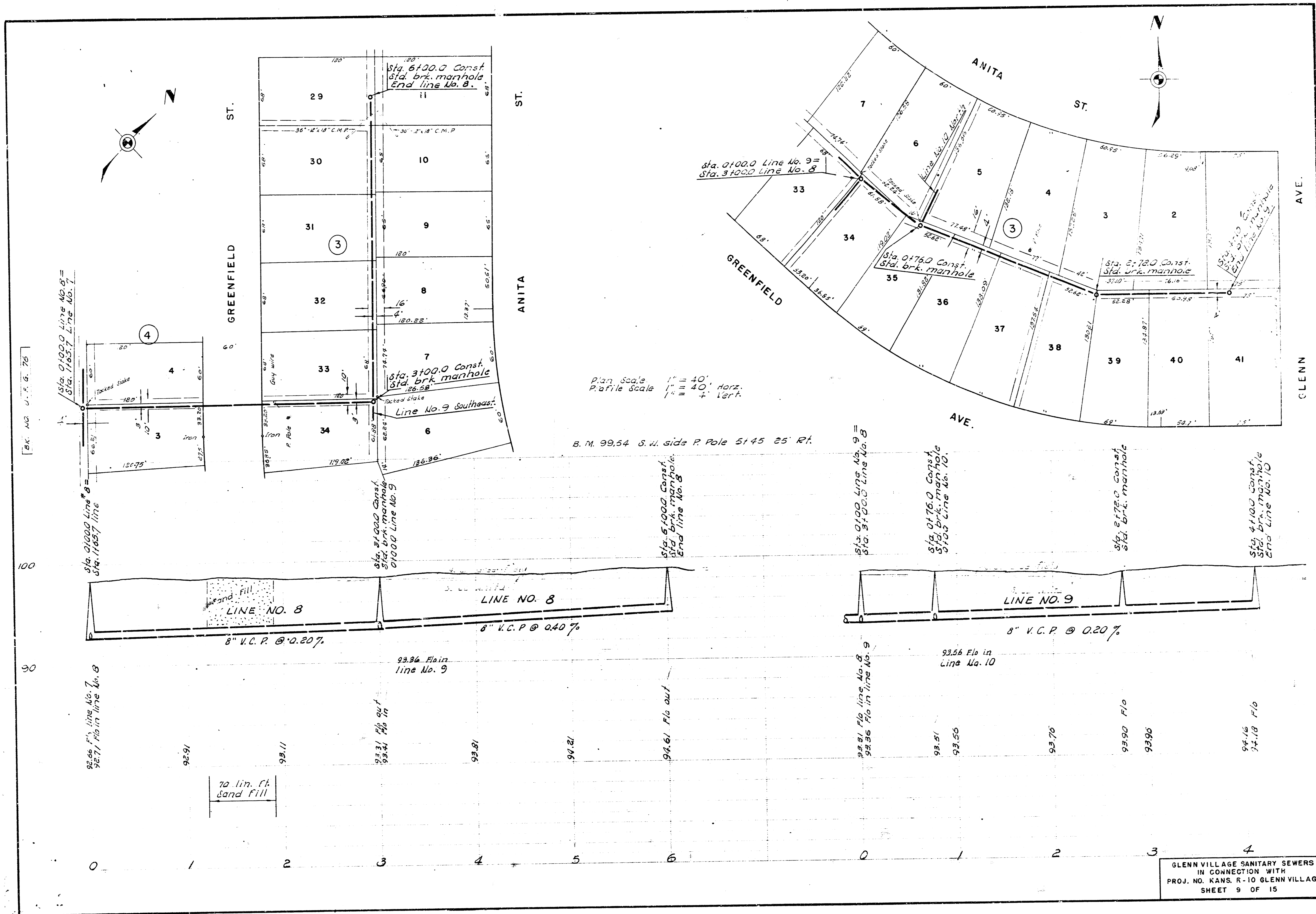
Plan Scale 1" = 40'
 Profile Scale 1" = 40' Horiz.
 1" = 4' Vert.







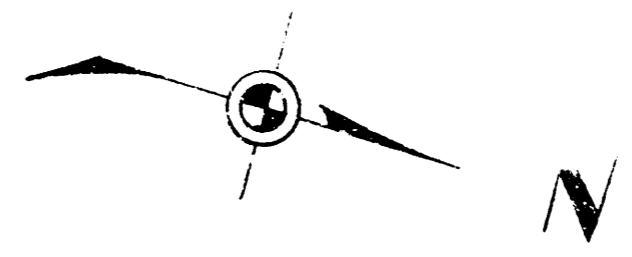




Plan Scale 1" = 40'
 Profile Scale 1" = 40' Vert.

B.M. 99.54 S.W. side P. Pole 5145 25' Rt.

R.C. J. F. G. 75

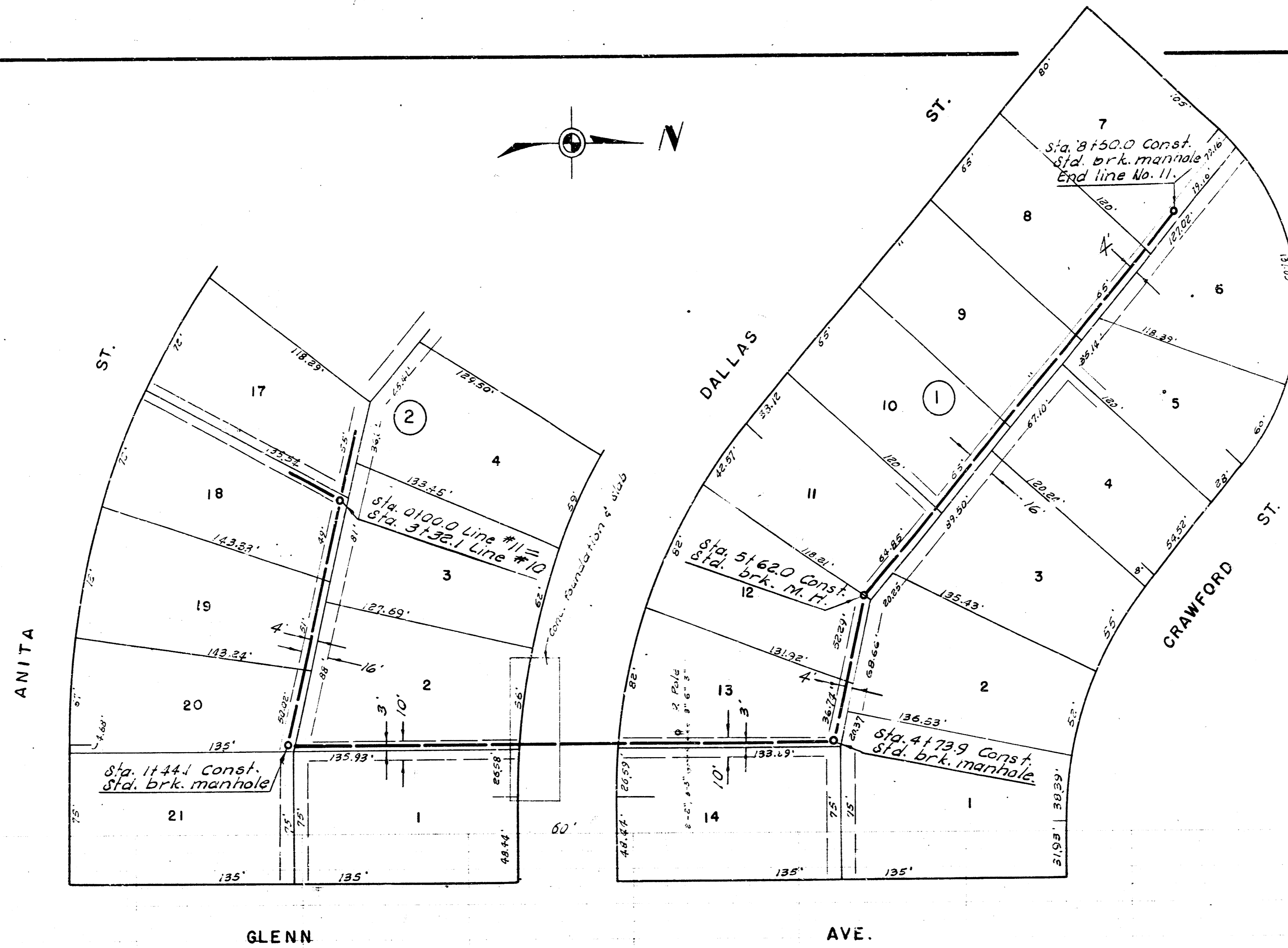


Plan Scale 1" = 40'
 Profile Scale 1" = 4' Vert.

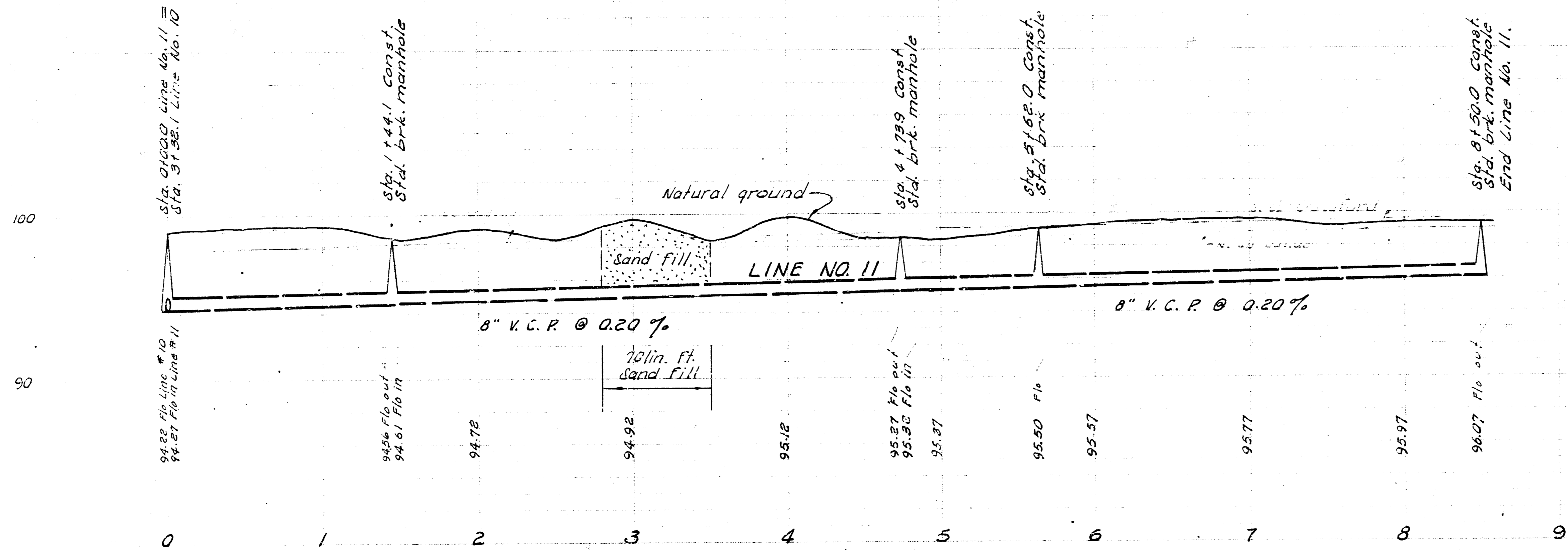
GLENN VILLAGE SANITARY SEWERS
 IN CONNECTION WITH
 PROJ. NO. KANS. R-10 GLENN VILLAGE
 SHEET 10 OF 15

REV. U. P. G. 76

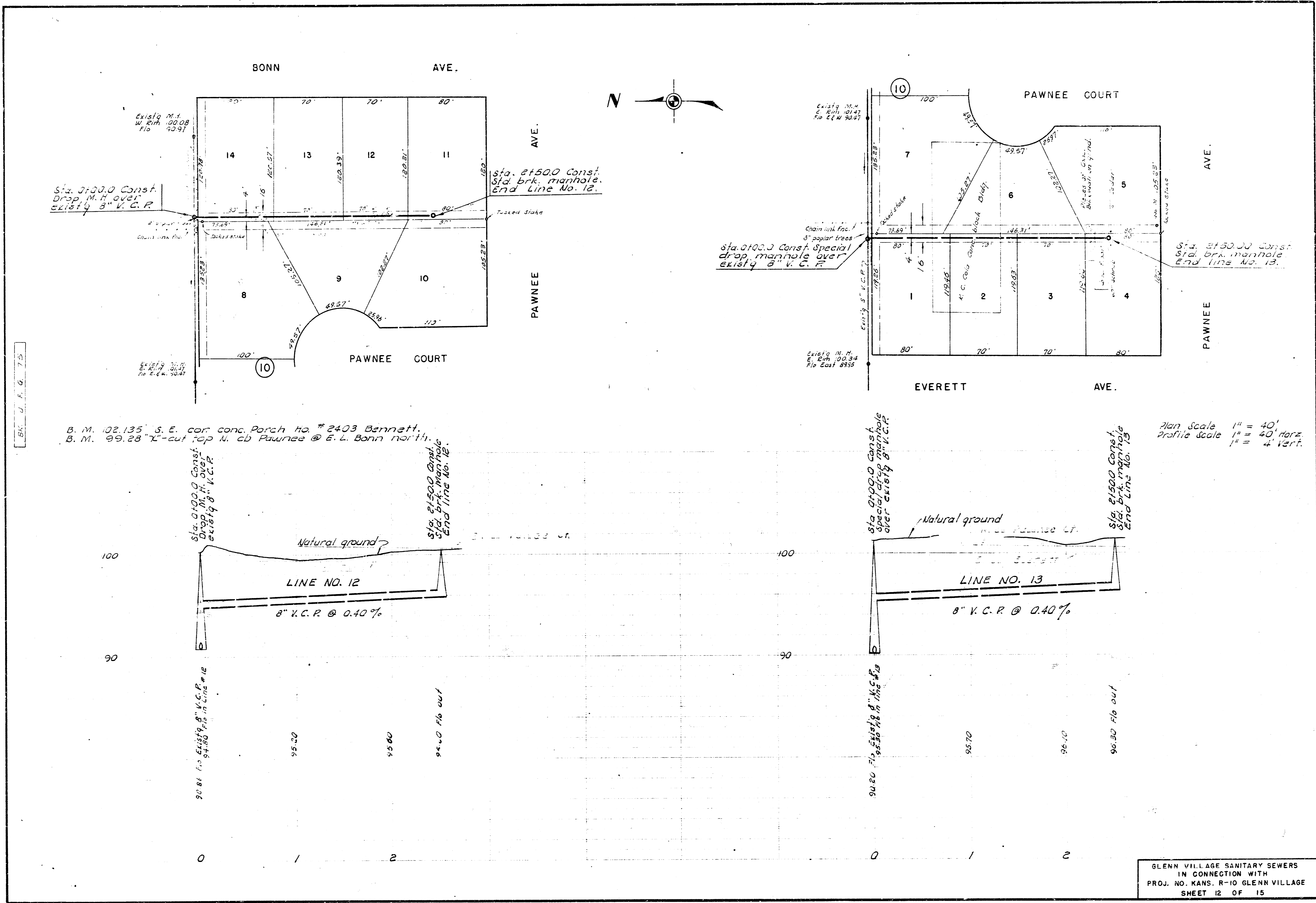
B. M. 10113 R. R. spike W. Side P. Pole on S. E. cor. Hiram & Bonn.



Plan Scale 1" = 40'
Profile Scale 1" = 4' Vert.



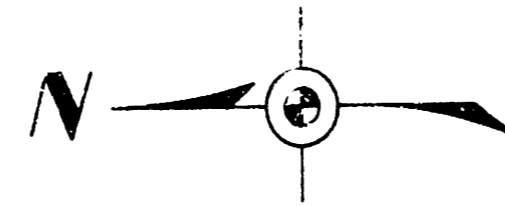
GLENN VILLAGE SANITARY SEWERS
IN CONNECTION WITH
PROJ. NO. KANS. R-10 GLENN VILLAGE
SHEET 11 OF 15



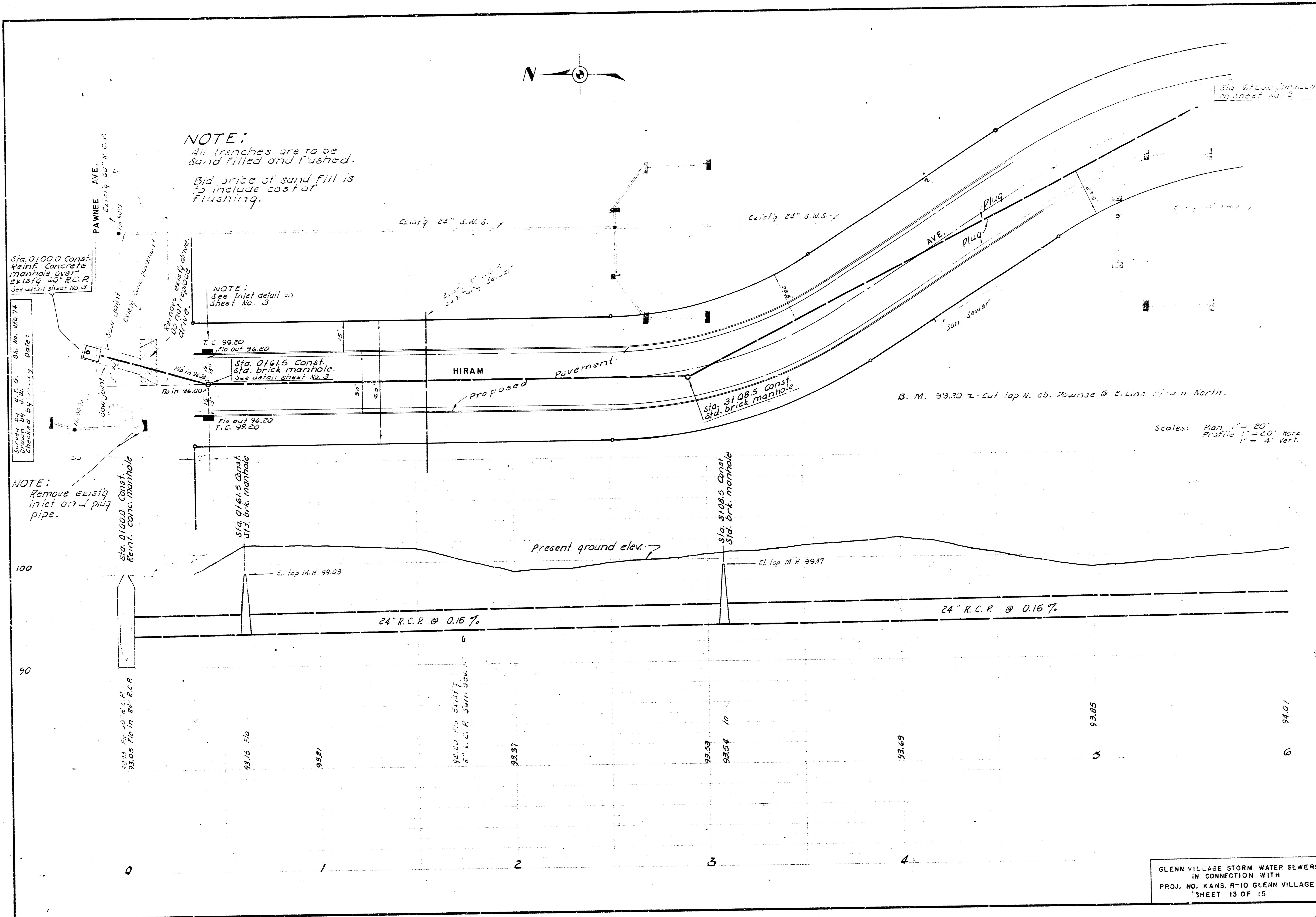
B.C. U. F. G. 7.5

B. M. 102.135 S. E. cor conc. Parch Ho. # 2403 Bennett.
 B. M. 99.28 "L"-cut top N. cd Pawnee @ E. L. Bonn north 1/4.

Plan scale 1" = 40'
 Profile scale 1" = 40' horiz.
 1" = 4' vert.



NOTE:
 All trenches are to be sand filled and flushed.
 Bid price of sand fill is to include cost of flushing.



Sta. 0+00.0 Const. Reinf. Concrete Manhole over existing 24" R.C.P. See detail sheet No. 3

Sta. 0+00.0 Const. Reinf. Conc. Manhole

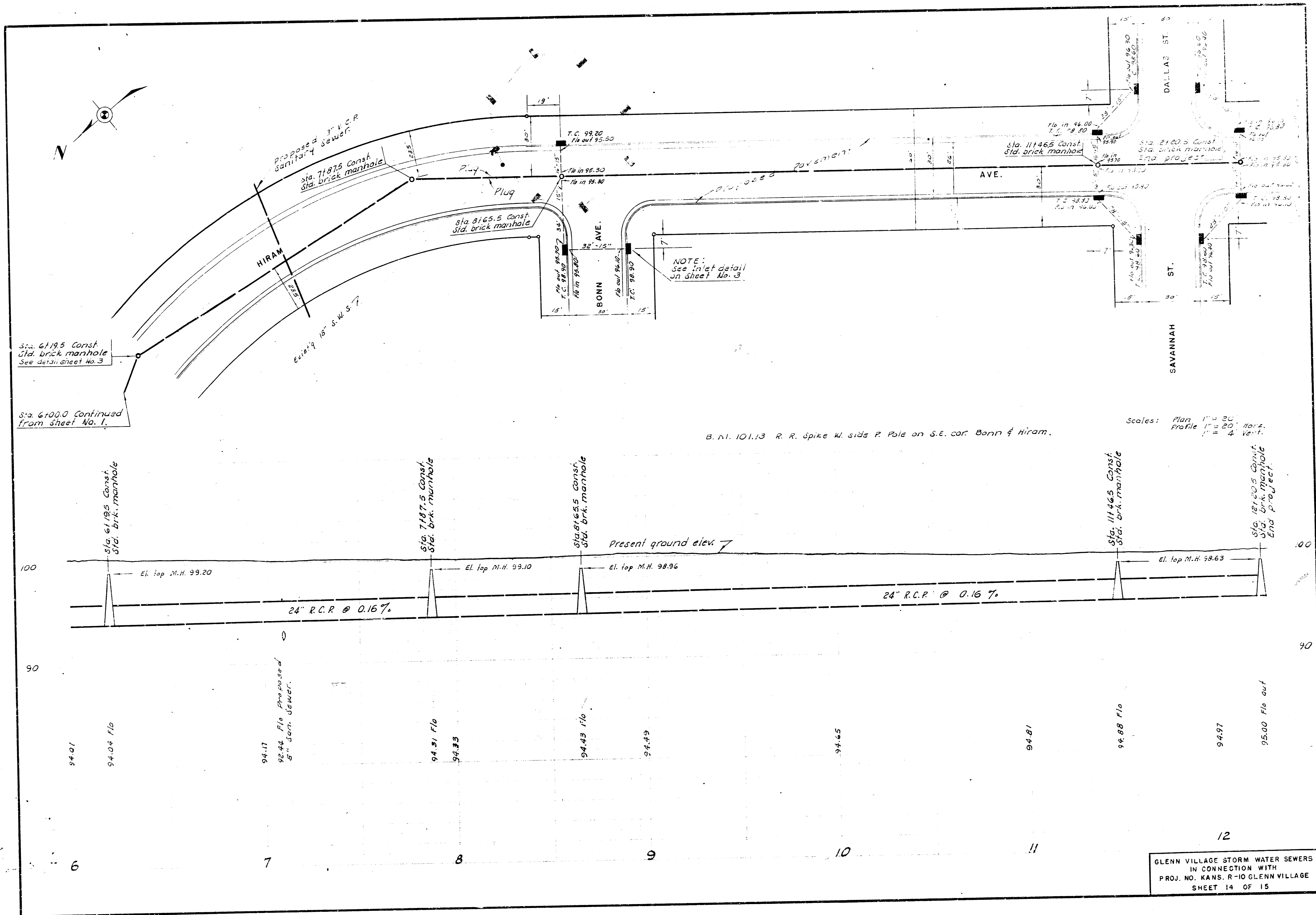
NOTE: Remove existg inlet and plug pipe.

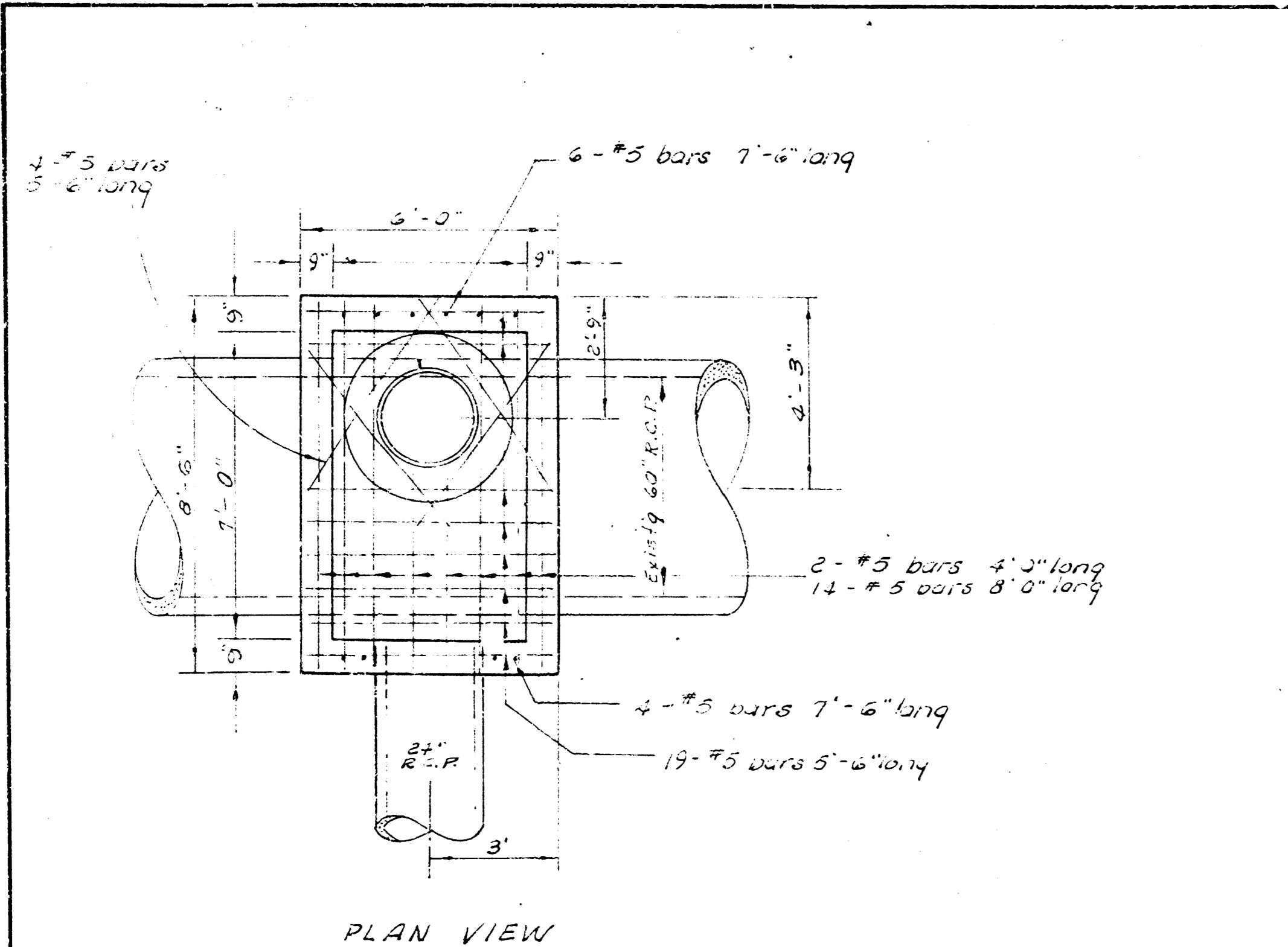
NOTE:
 See inlet detail on Sheet No. 3

Sta. 0+16.5 Const. Std. brick manhole. See detail sheet No. 3

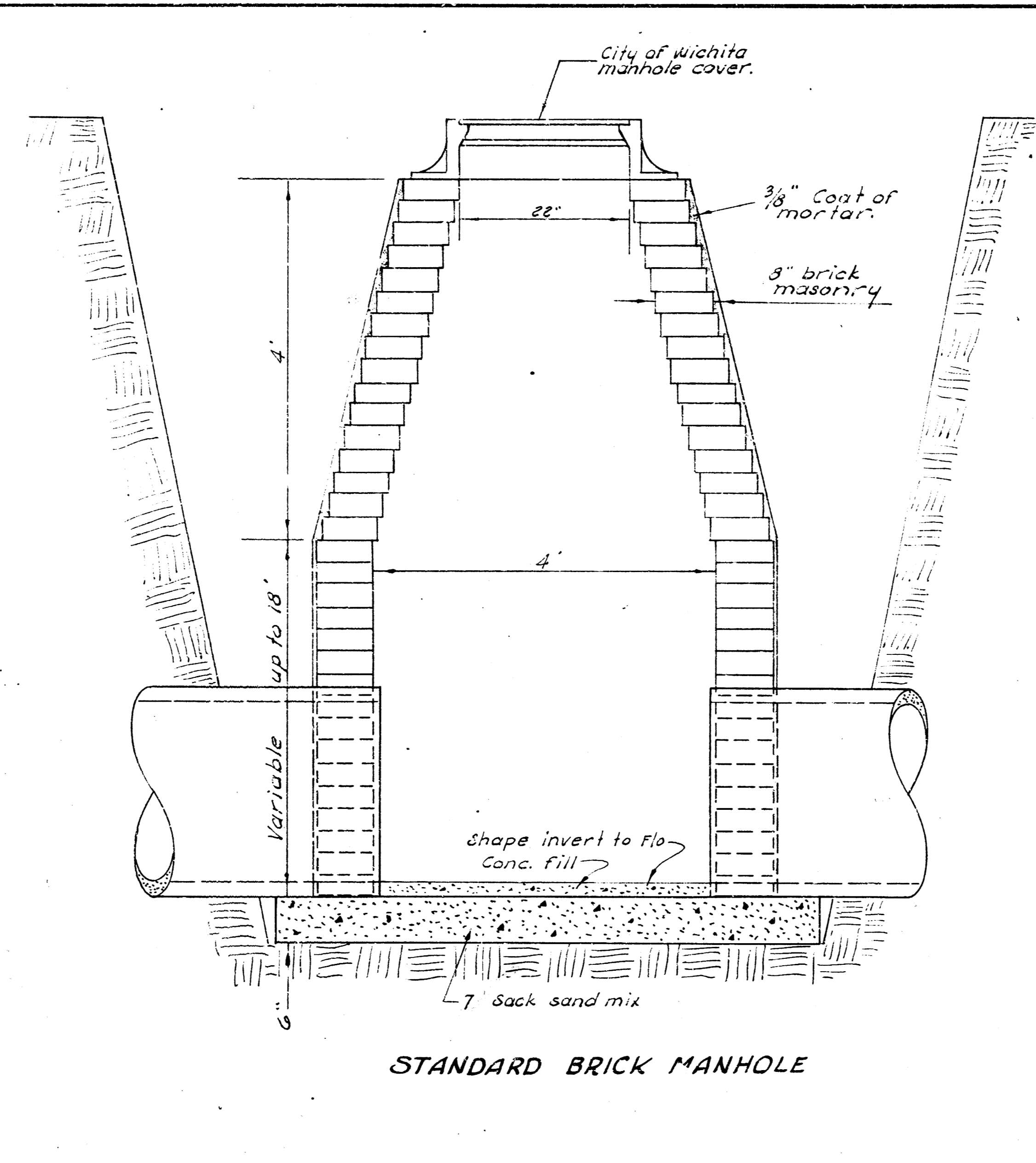
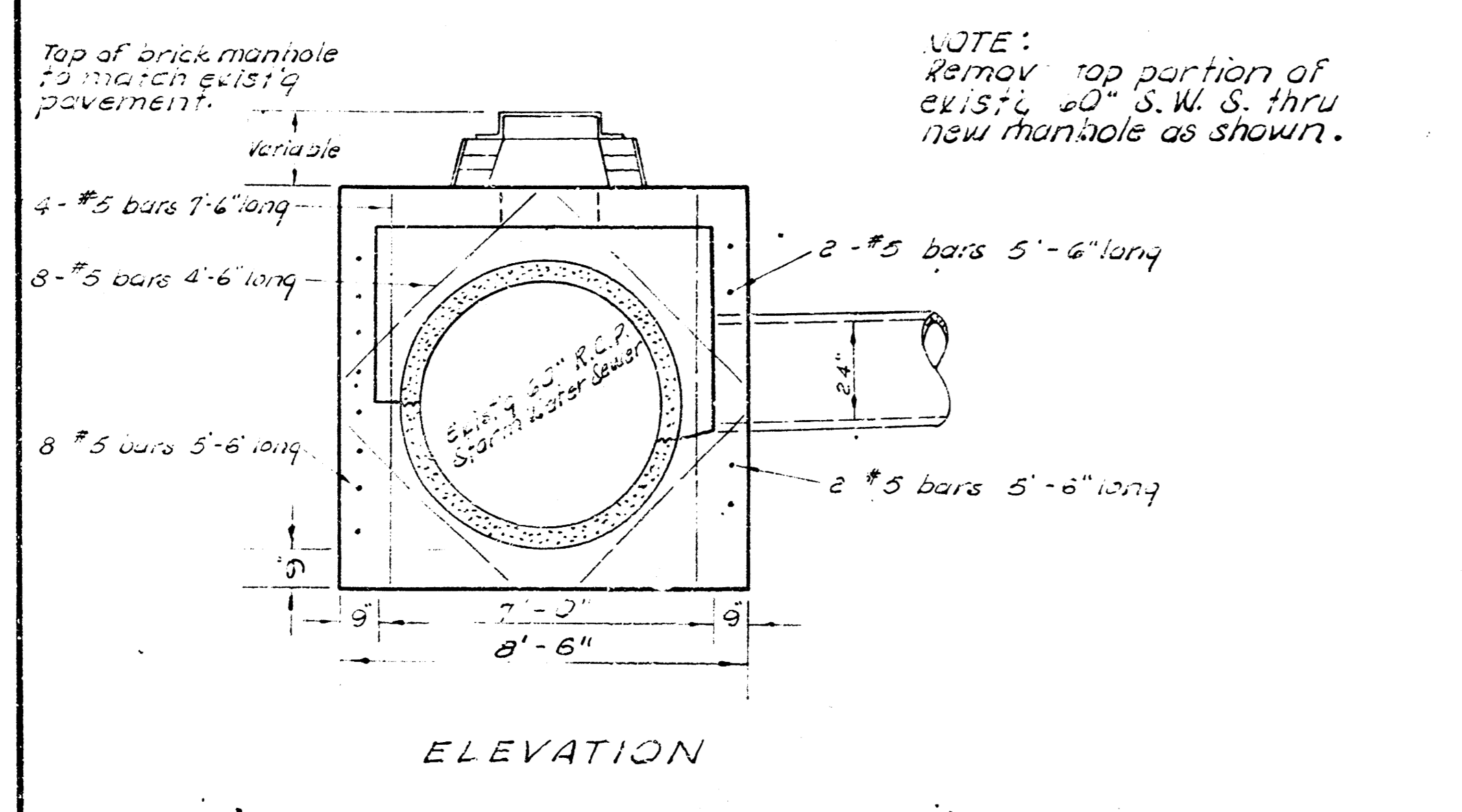
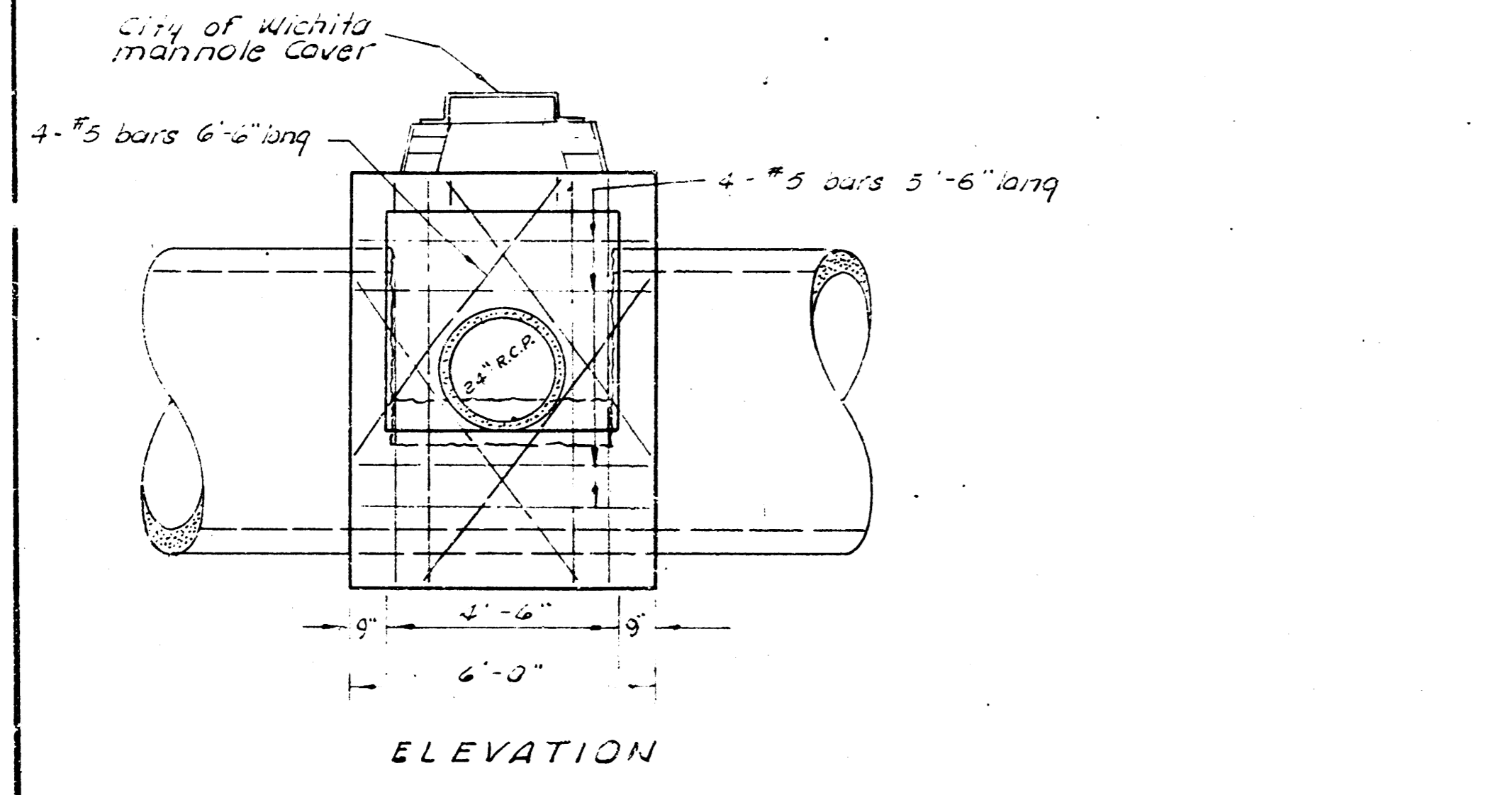
Sta. 3+08.5 Const. Std. brick manhole

Scales: Plan 1" = 20'
 Profile 1" = 2.0' Vert.

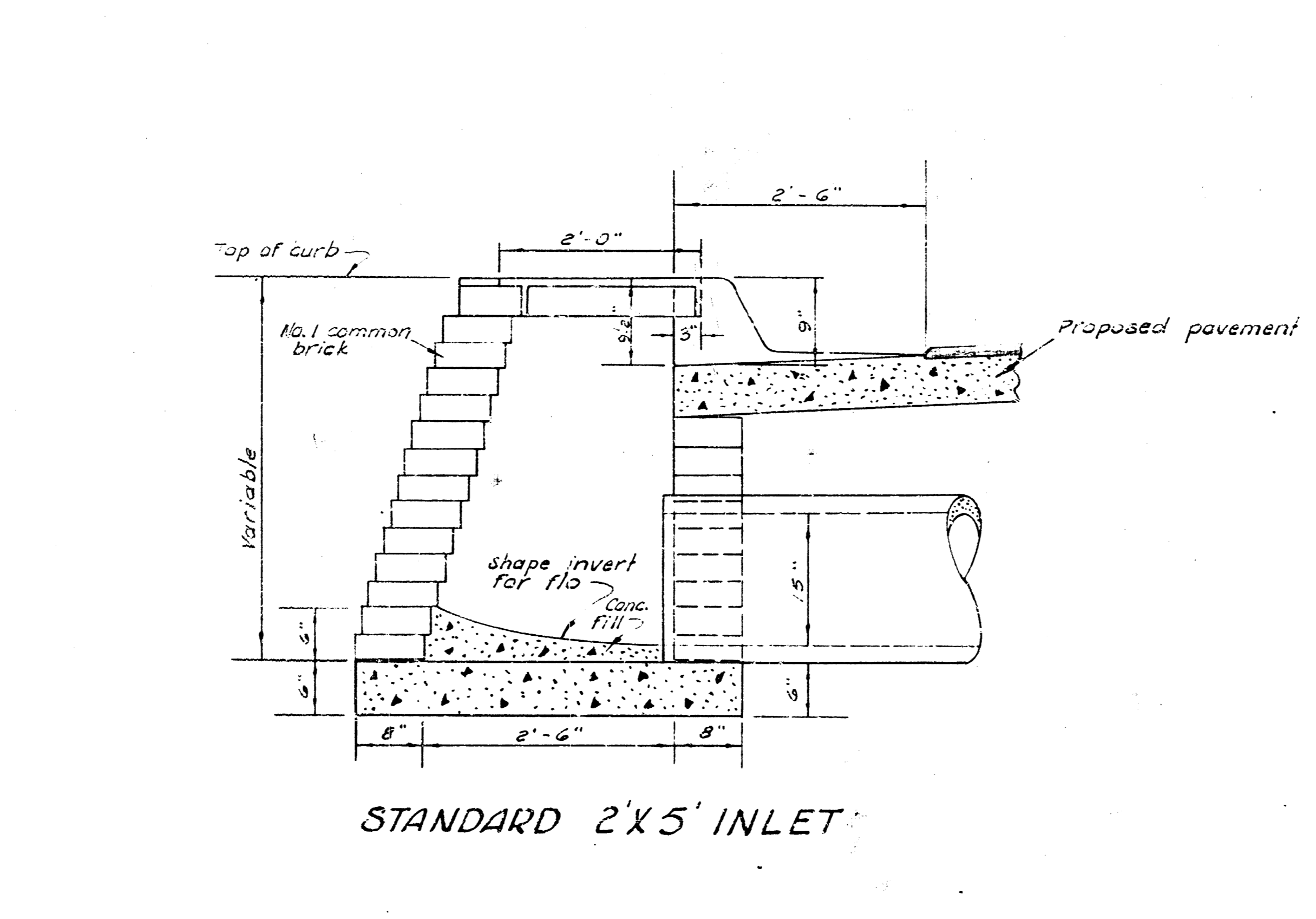




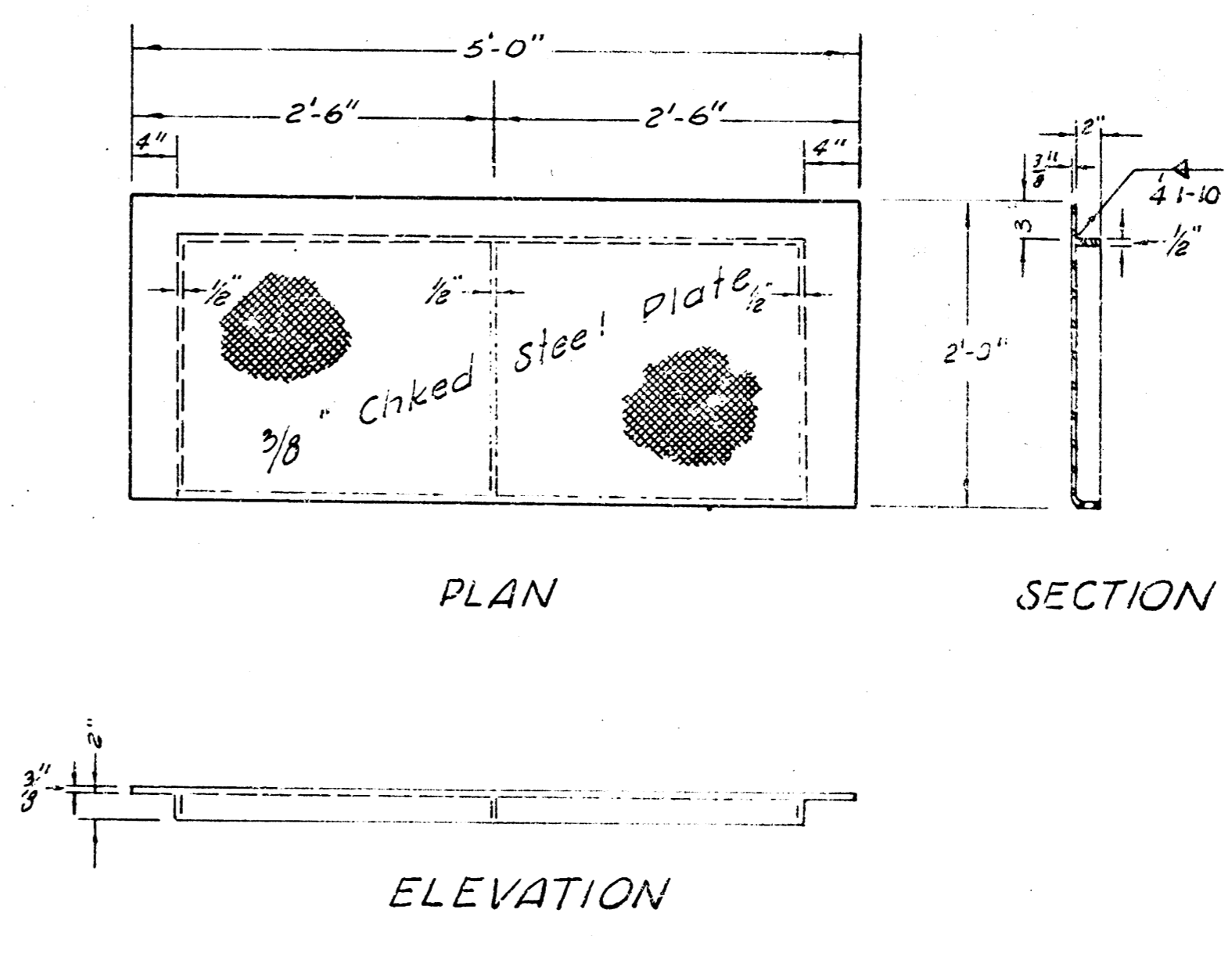
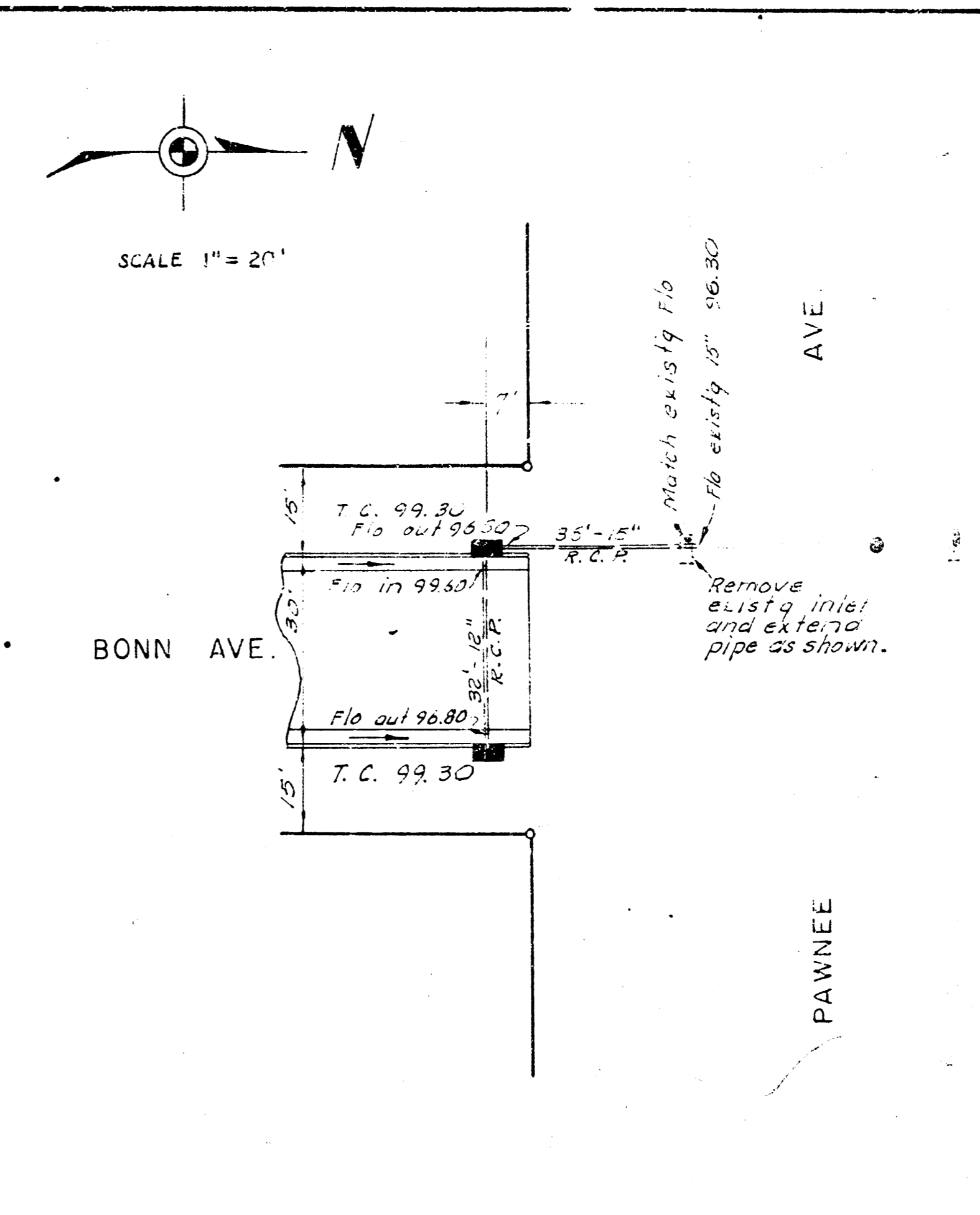
REINF. CONC. MANHOLE
Sta. 0100.0
Scale 3/8" = 1'-0"



STANDARD BRICK MANHOLE



STANDARD 2'X5' INLET



CITY OF WICHITA
STEEL INLET COVER
WEIGHT - 206#
SHOP PAINT: BLACK ASPHALT
SCALE 1" = 1'-0"