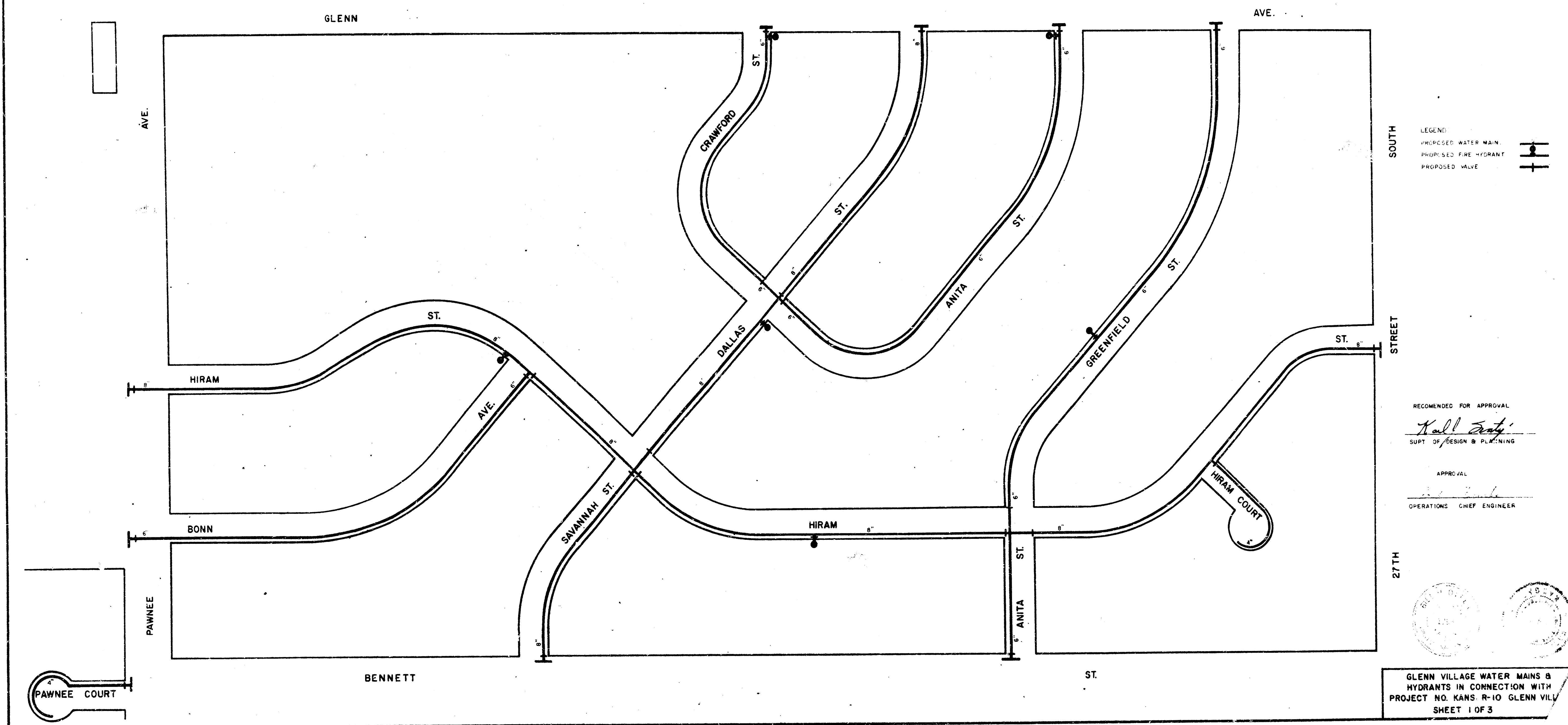
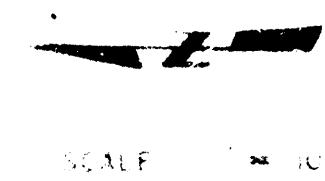
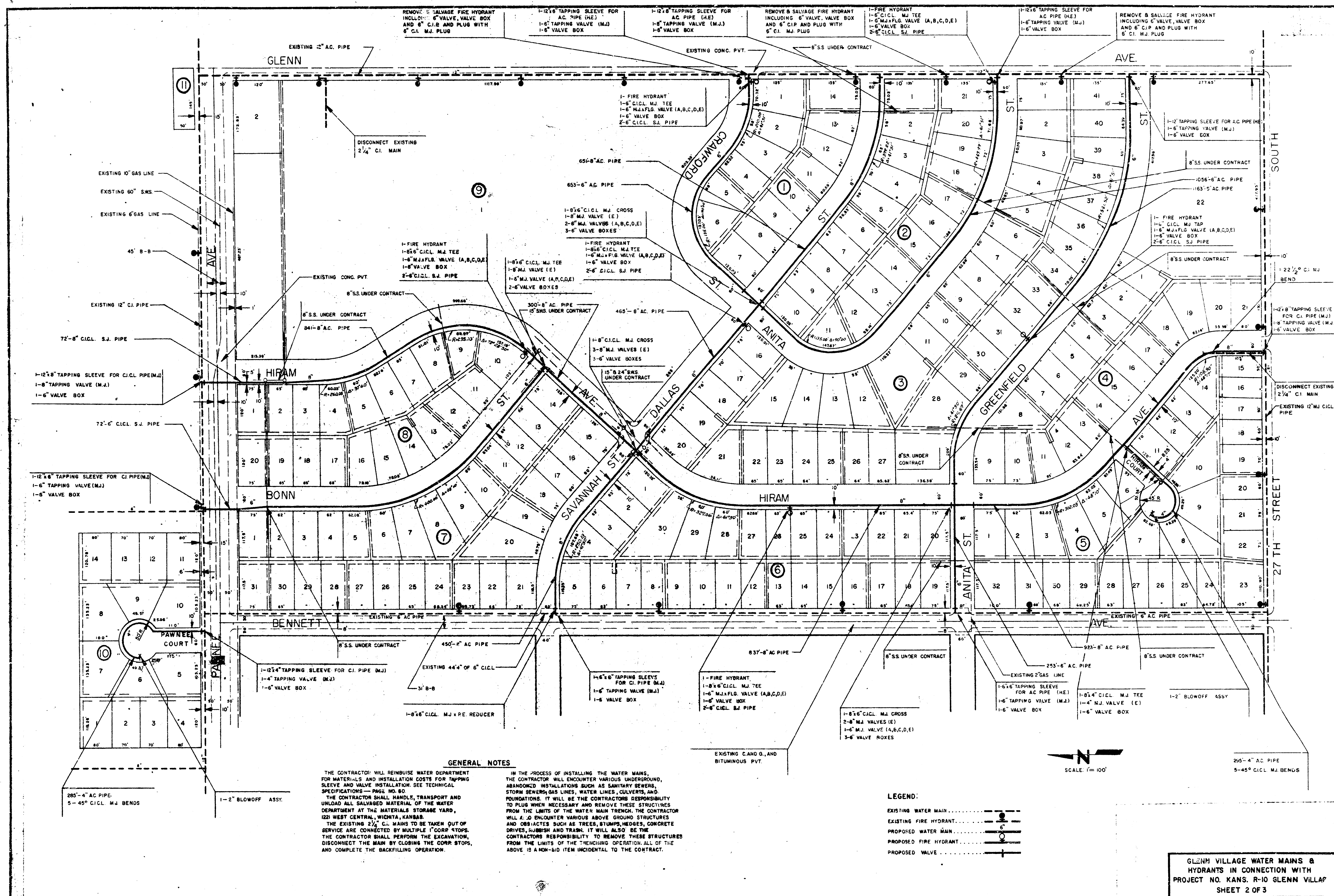


PLANS FOR
WATER MAINS & HYDRANTS
IN
GLENN VILLAGE
IN CONNECTION WITH
PROJECT NO. KANS. R-10 GLENN VILLAGE
URBAN RENEWAL AGENCY
OF THE
WICHITA, KANSAS METROPOLITAN AREA





GENERAL NOTES

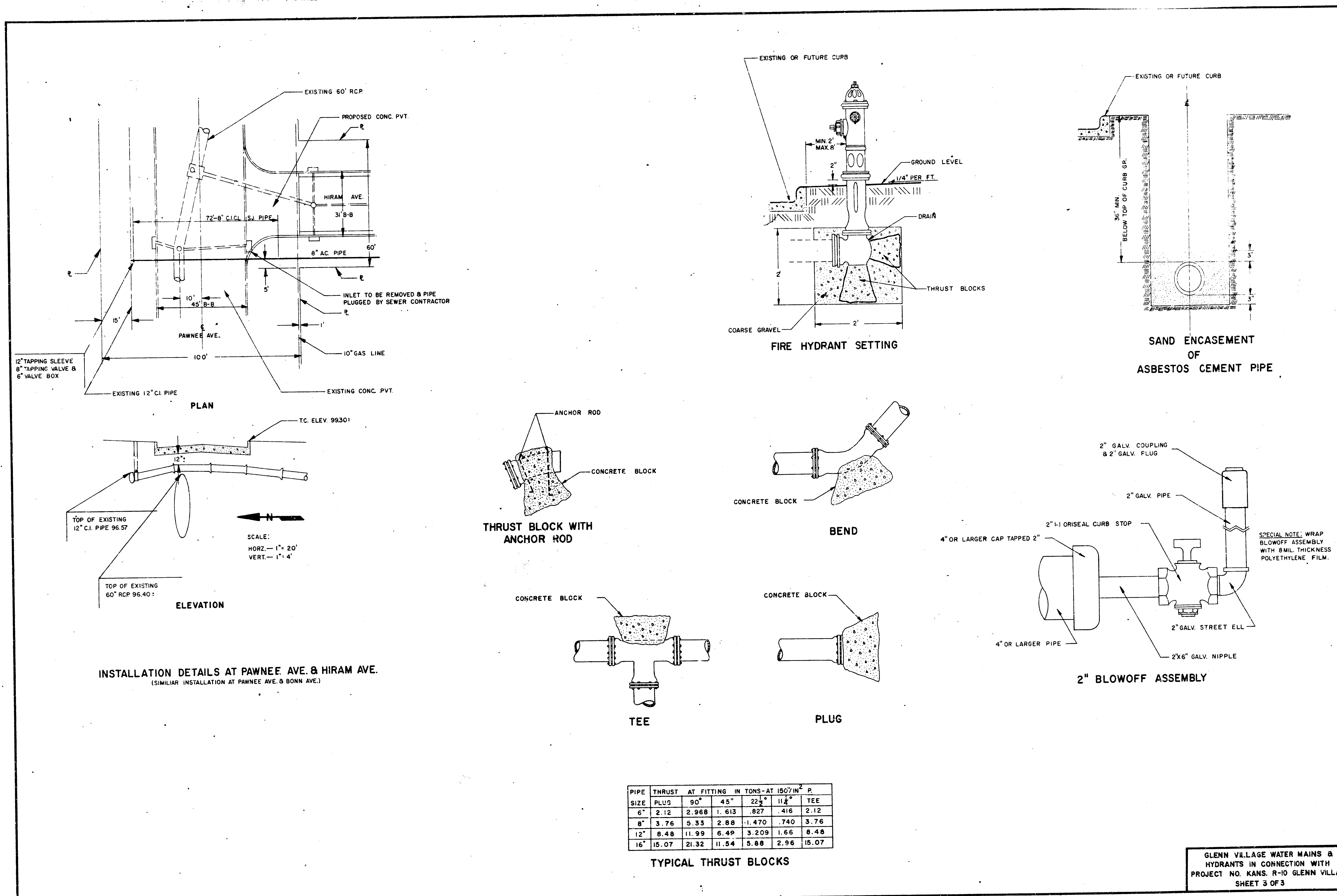
THE CONTRACTOR WILL REIMBURSE WATER DEPARTMENT FOR MATERIALS AND INSTALLATION COSTS FOR TAPPING SLEEVES AND VALVE INSTALLATION. SEE TECHNICAL SPECIFICATIONS—PAGE NO. 80.
THE CONTRACTOR SHALL HANDLE, TRANSPORT AND UNLOAD ALL SALVAGED MATERIAL OF THE WATER DEPARTMENT AT THE MATERIALS STORAGE YARD, 1221 WEST CENTRAL, WICHITA, KANSAS.
THE EXISTING 2 1/2" 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, GUMMERS AND TRAILS. 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 KNOW-NO ITEM INCIDENTAL TO THE CONTRACT.

LEGEND:

- EXISTING WATER MAIN
- EXISTING FIRE HYDRANT
- PROPOSED WATER MAIN
- PROPOSED FIRE HYDRANT
- PROPOSED VALVE

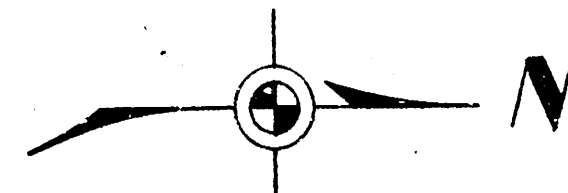
GLENN VILLAGE WATER MAINS &
HYDRANTS IN CONNECTION WITH
PROJECT NO. KANS. R-10 GLENN VILLAGE
SHEET 2 OF 3



PIPE SIZE	THRUST PLUG	AT FITTING	IN TONS-AT 150'/IN ² P.	TEE
6"	2.12	2.968	1.613 .827 .416	2.12
8"	3.76	5.33	2.88 1.470 .740	3.76
12"	8.48	11.99	6.49 3.209 1.66	8.48
16"	15.07	21.32	11.54 5.88 2.96	15.07

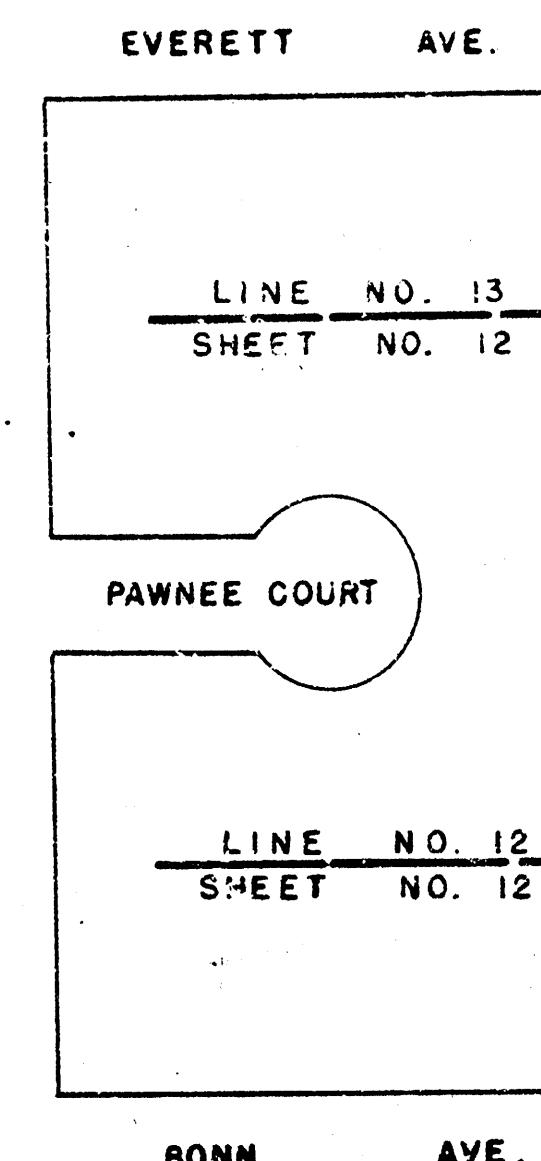
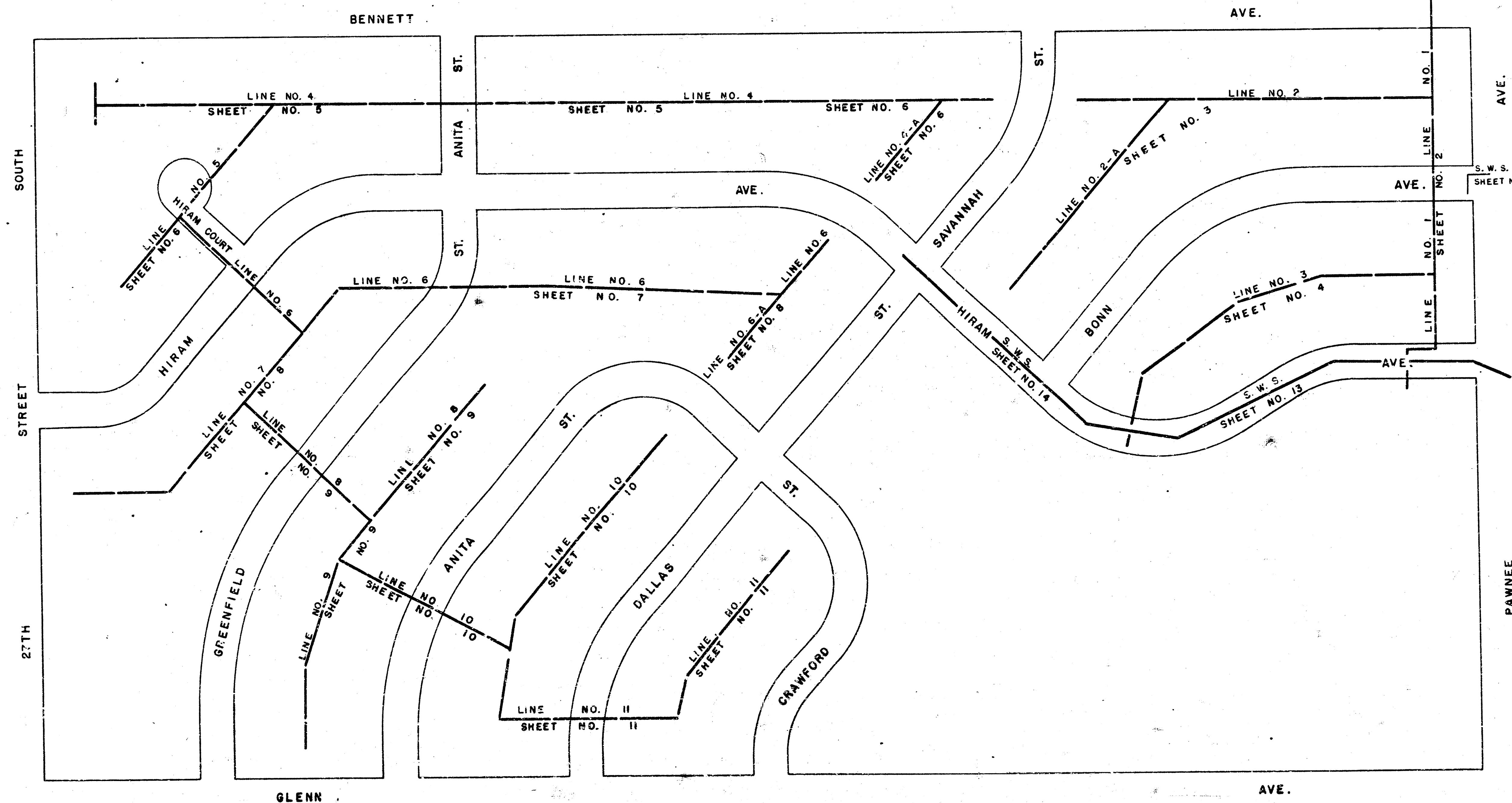
TYPICAL THRUST BLOCKS

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'

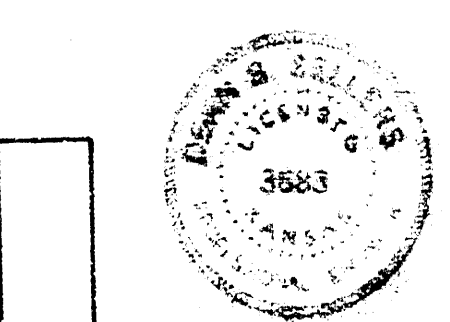
Survey by U.F.G. BK. NO. J.F.G. 75
 Drawn by U.W. BK. NO. J.F.G. 76
 Checked by J.M. Davis



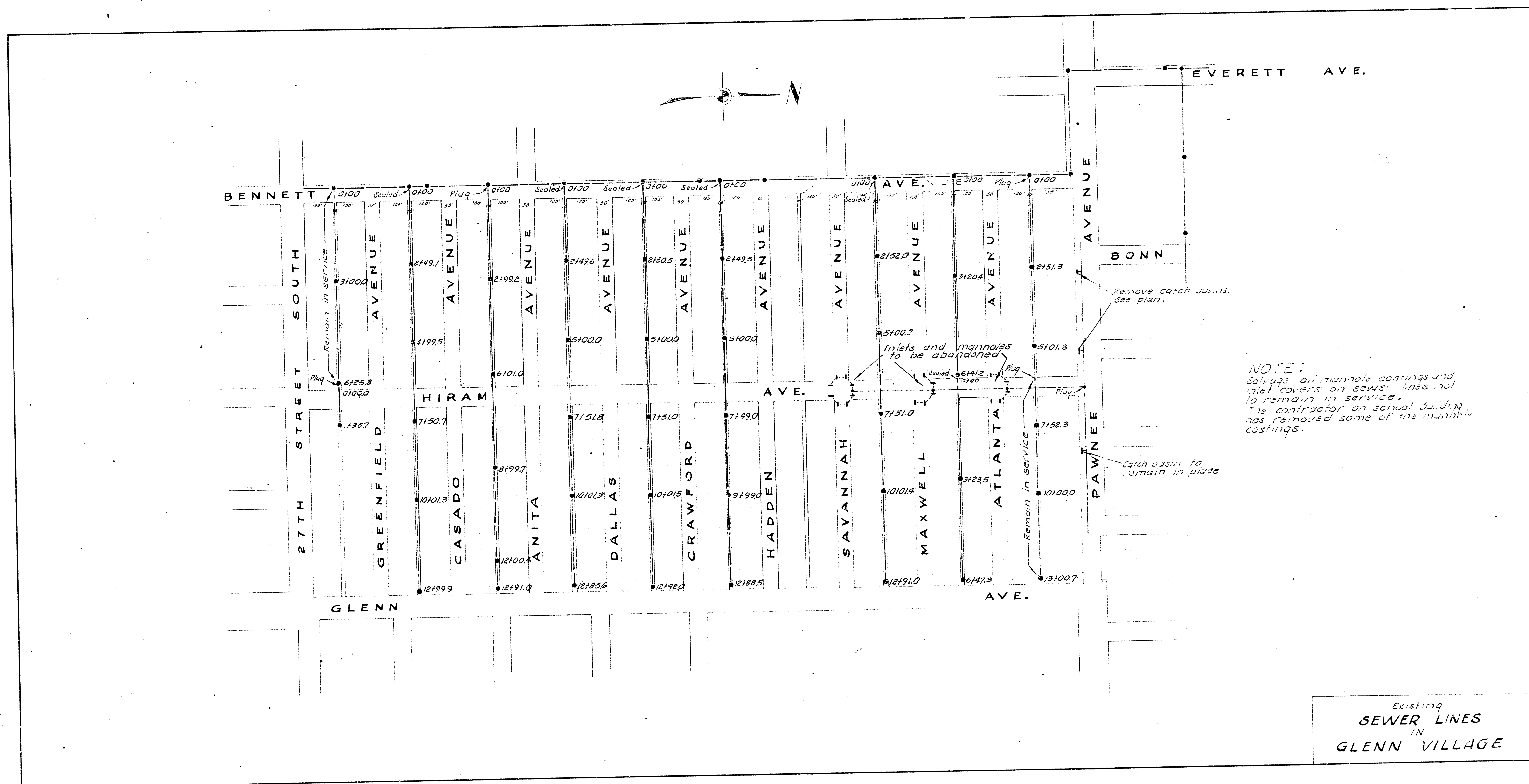
S.W.S.

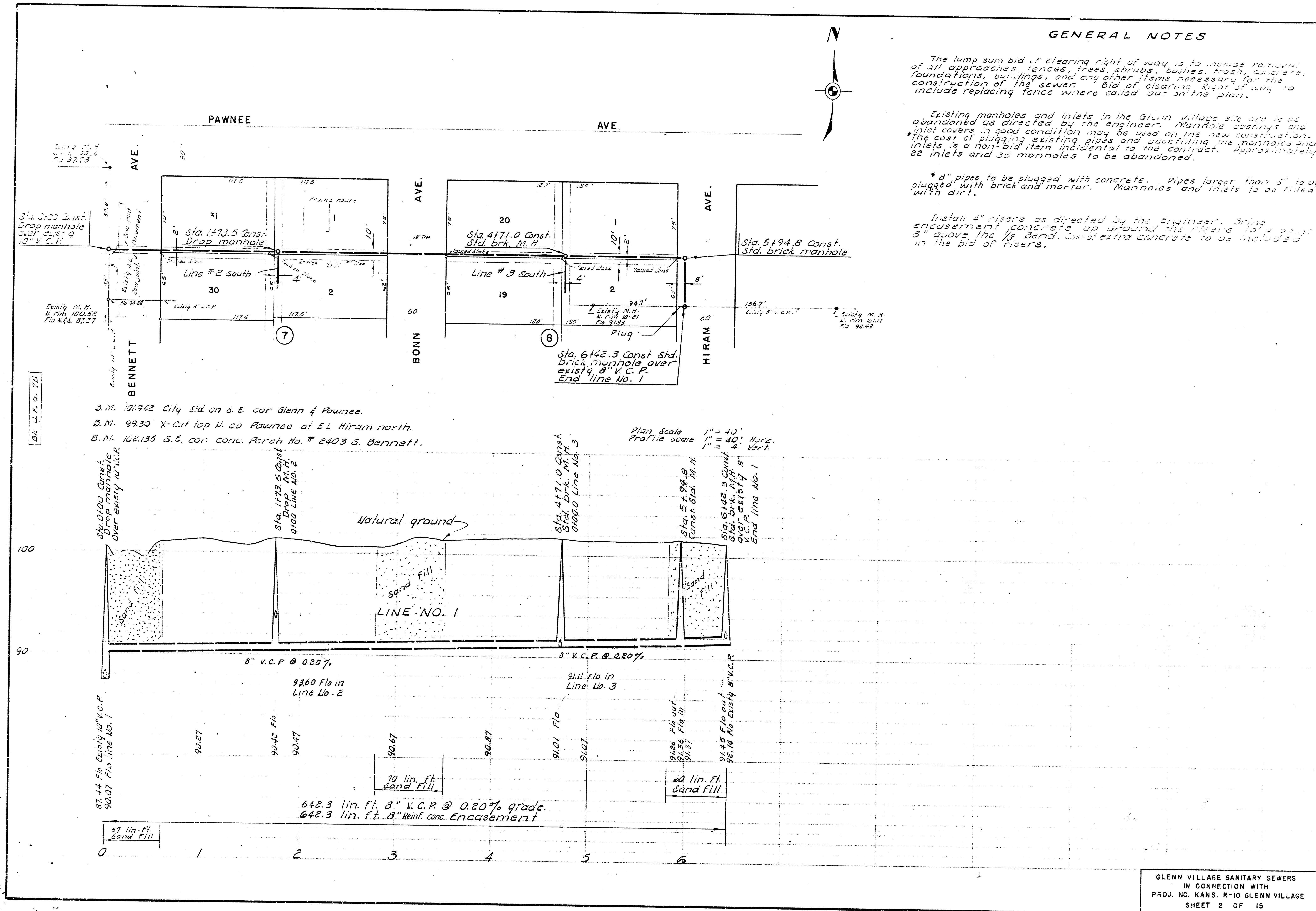
SHEET NO. 15

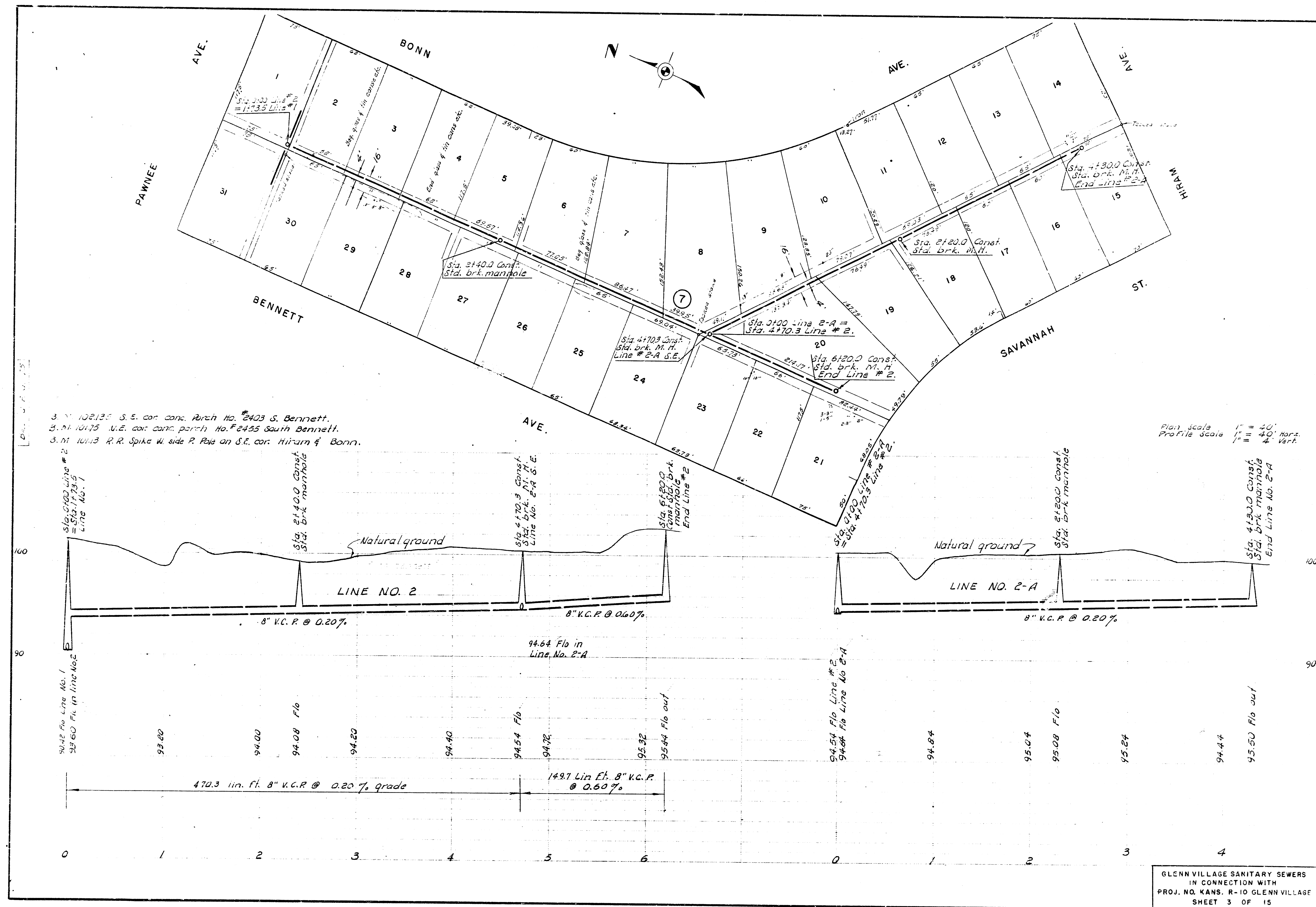
B. E. SMITH
 CITY ENGINEER
 DATE

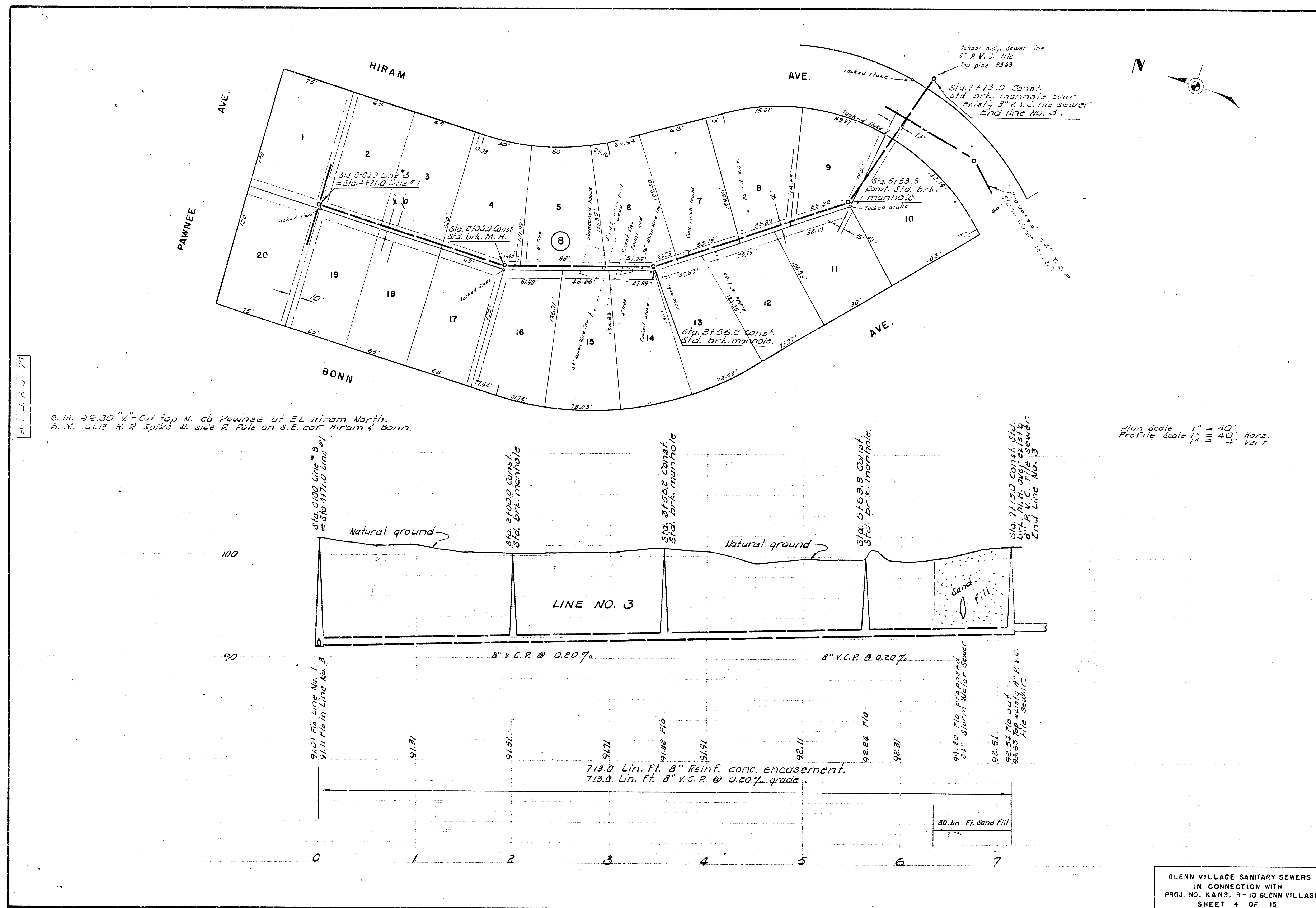


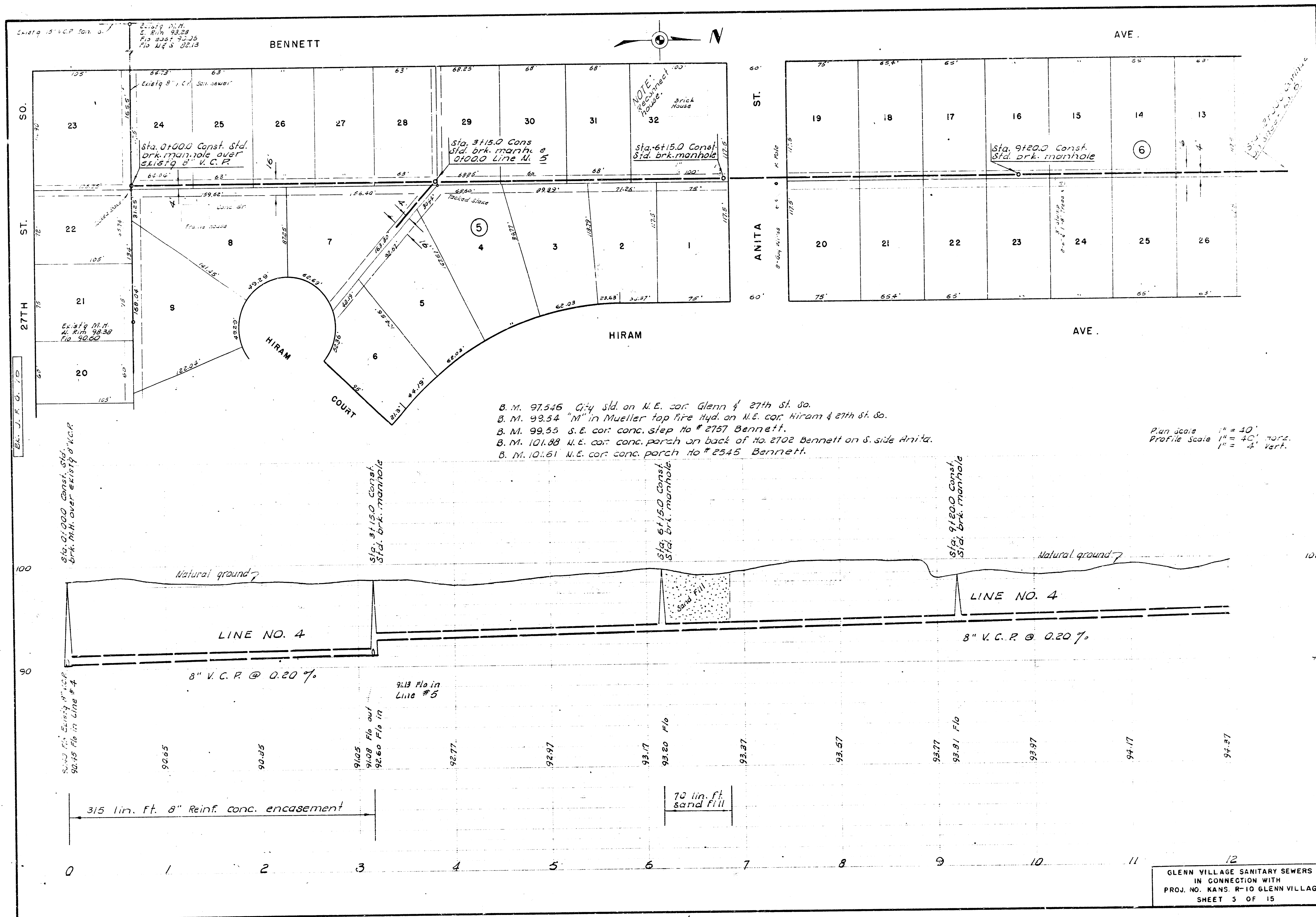
GLENN VILLAGE SANITARY SEWERS
 IN CONNECTION WITH
 PROJ. NO. KANS. R-10 GLENN VILLAGE
 SHEET 1 OF 15

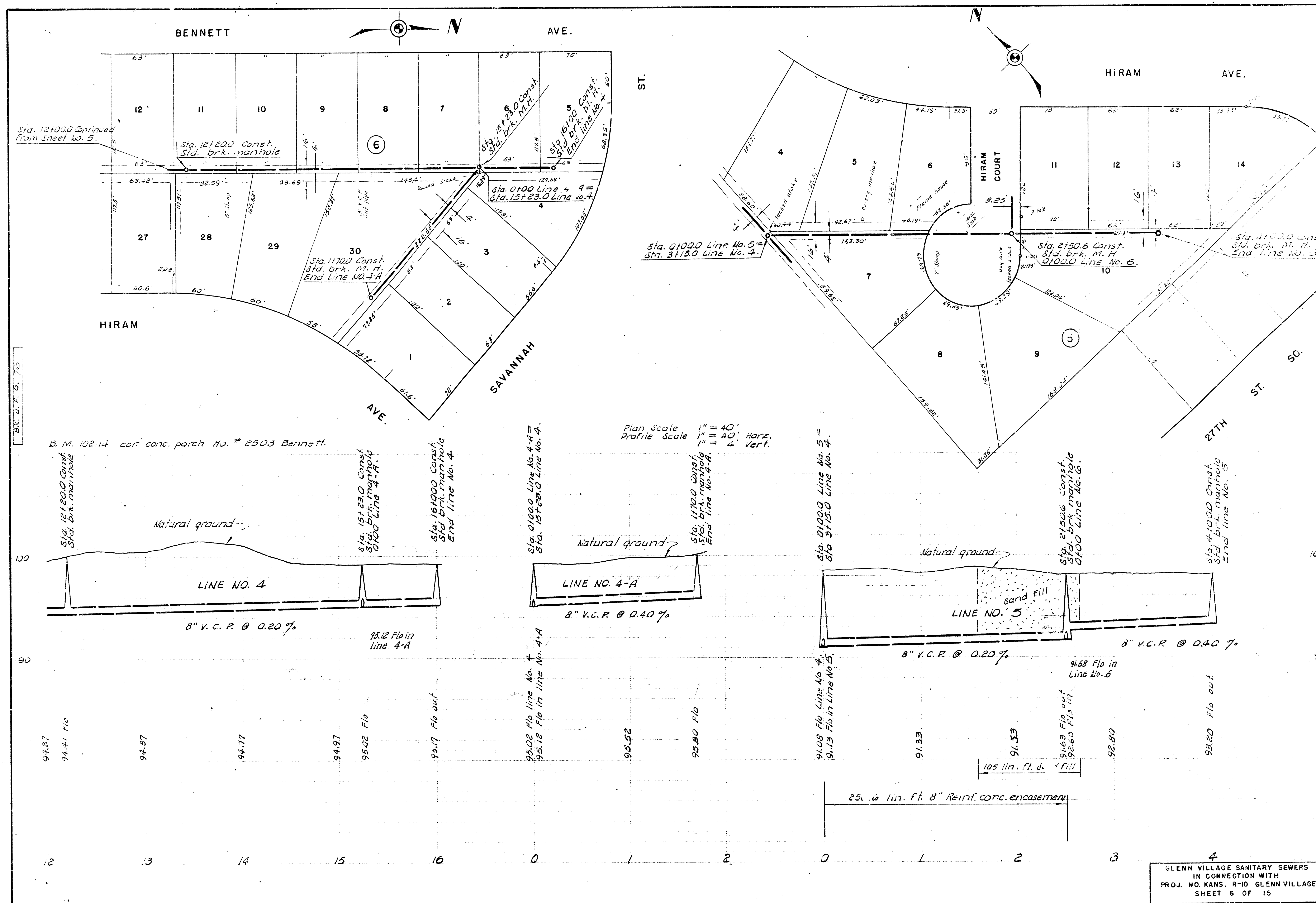


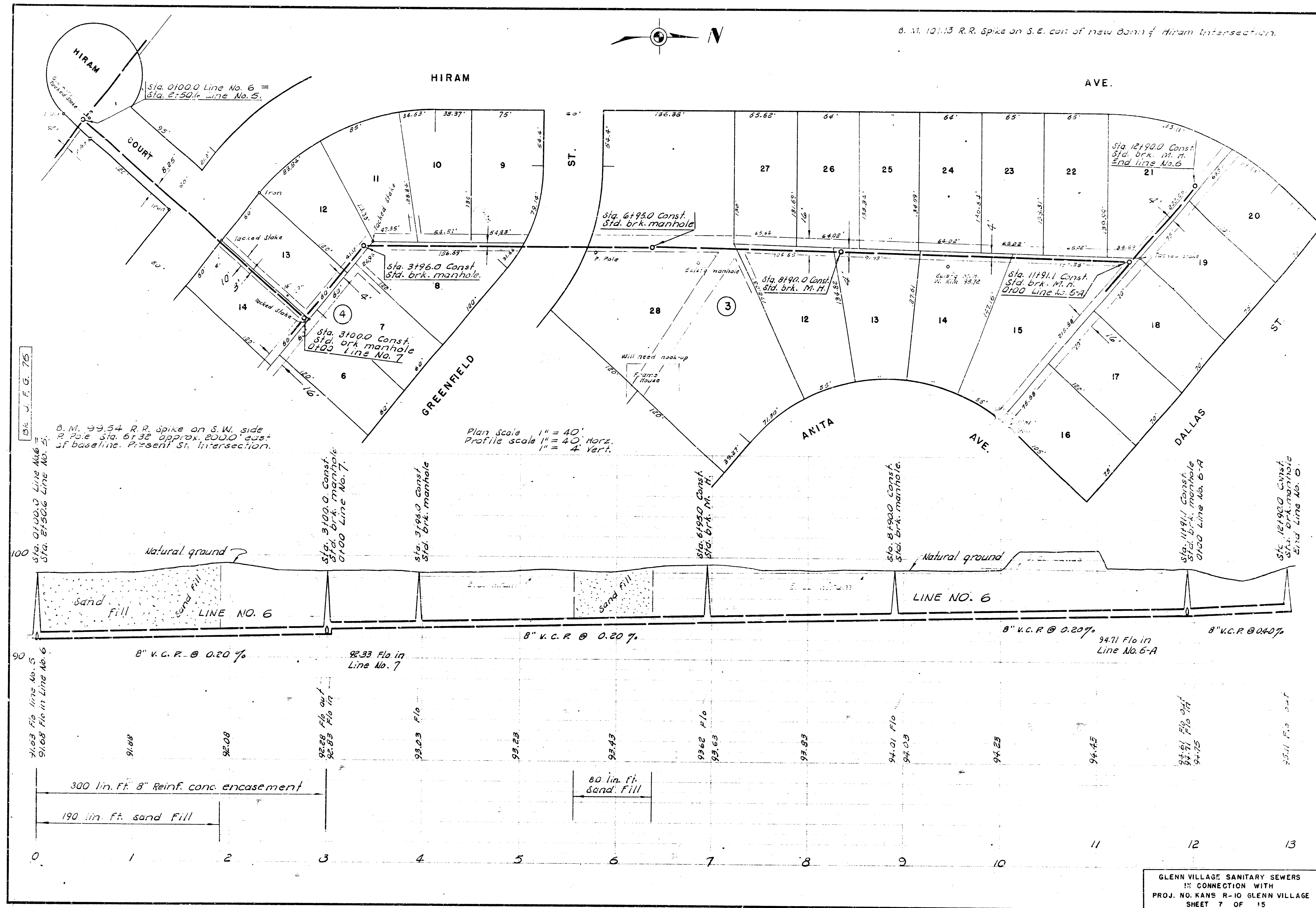


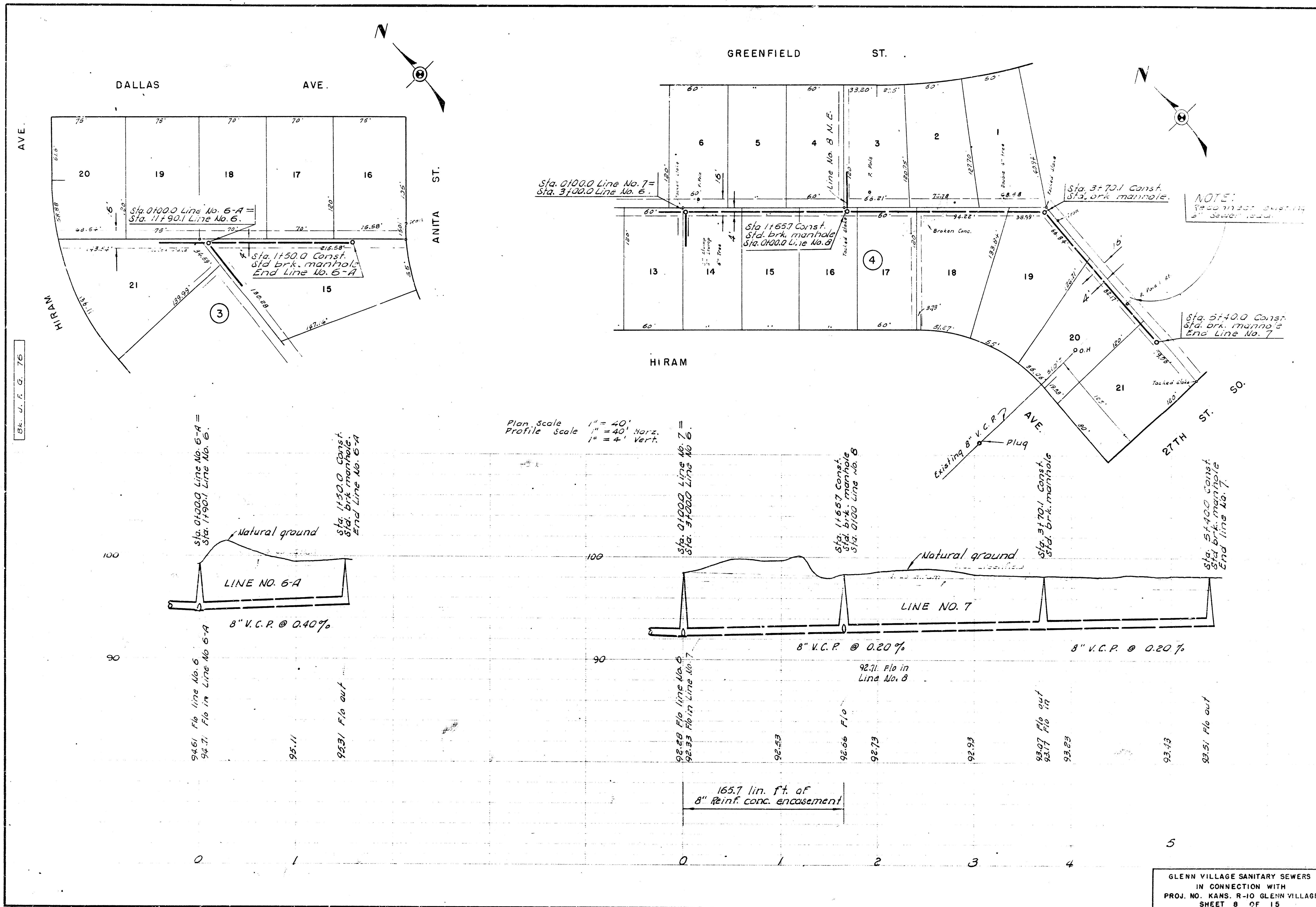


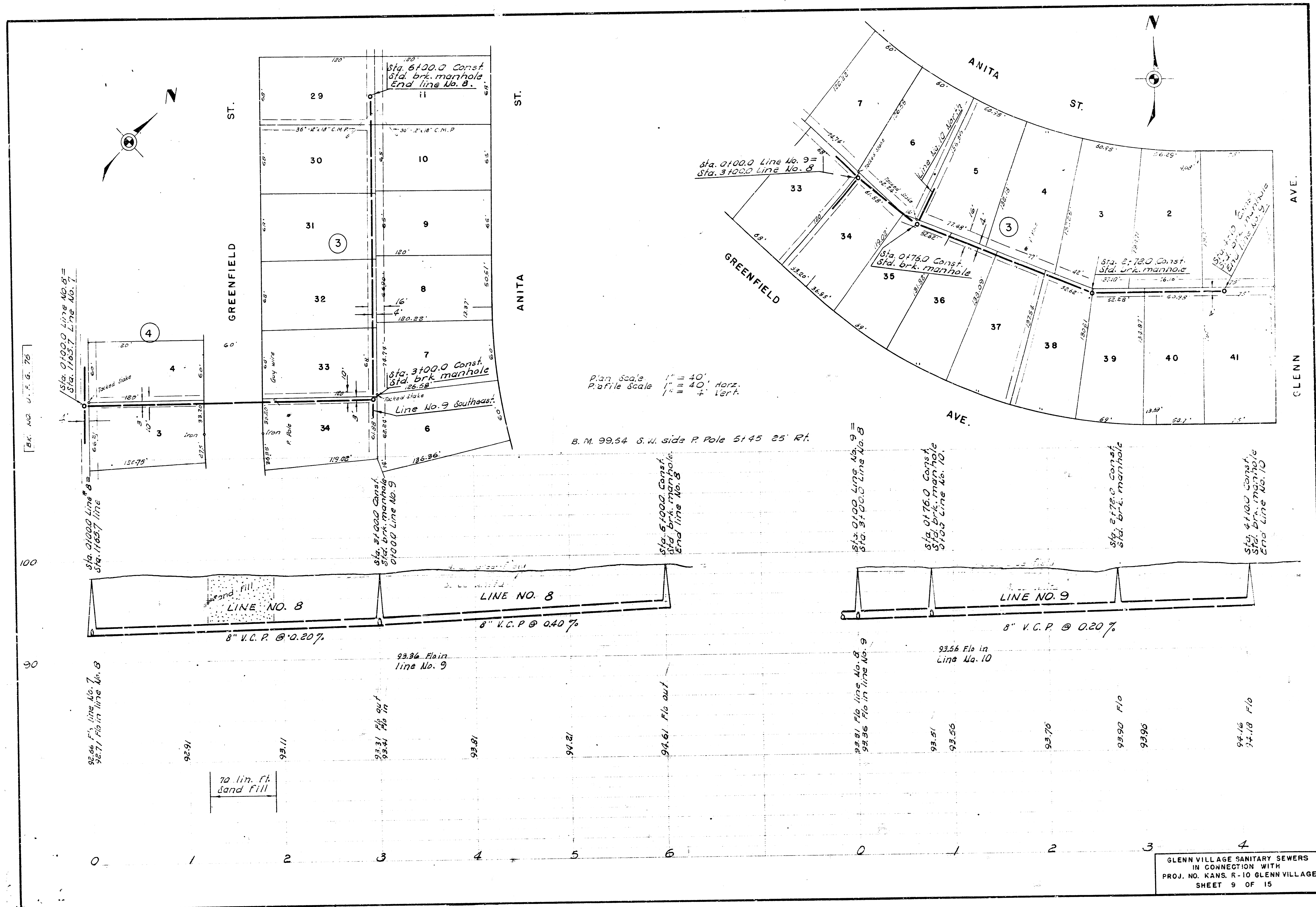


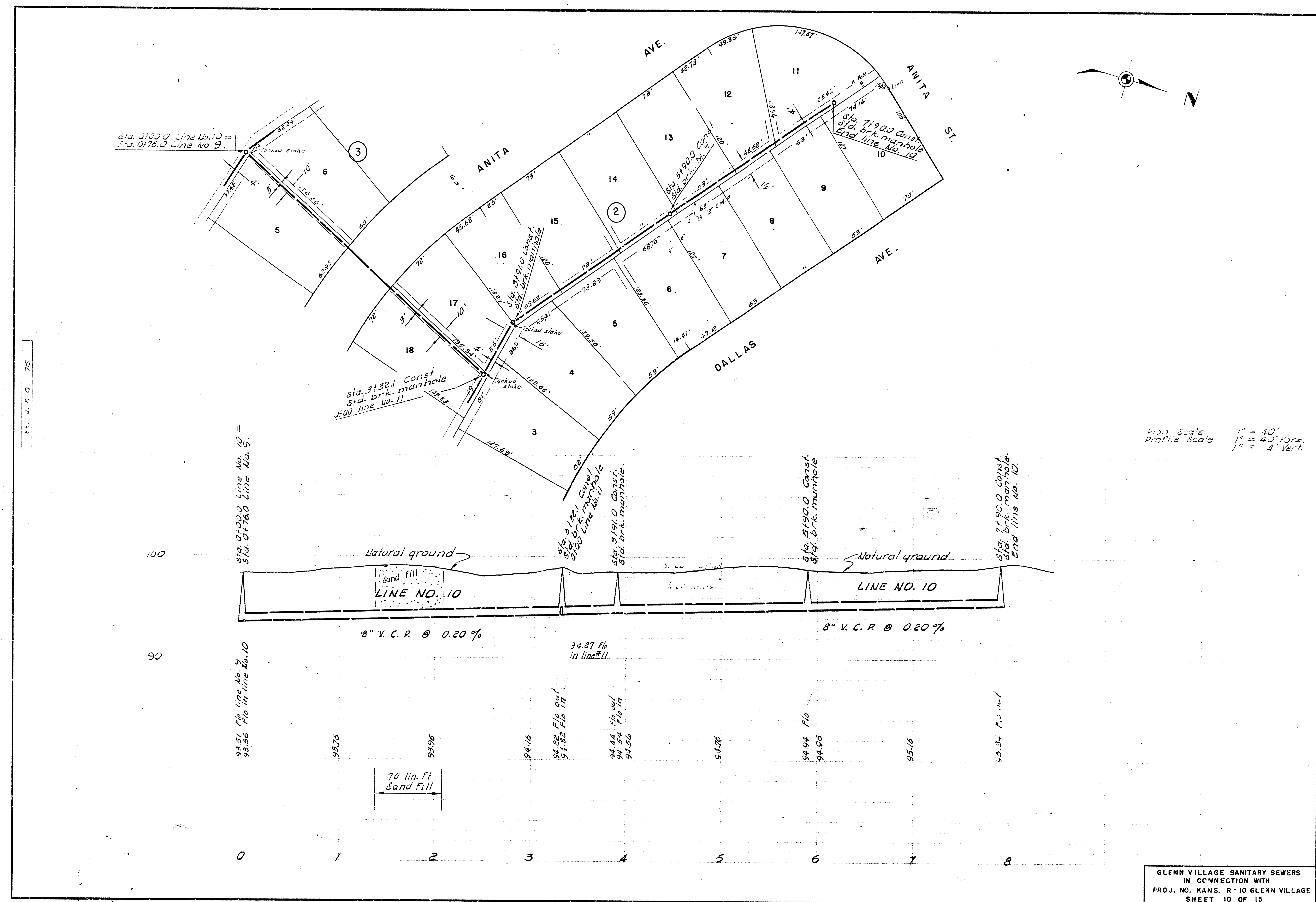






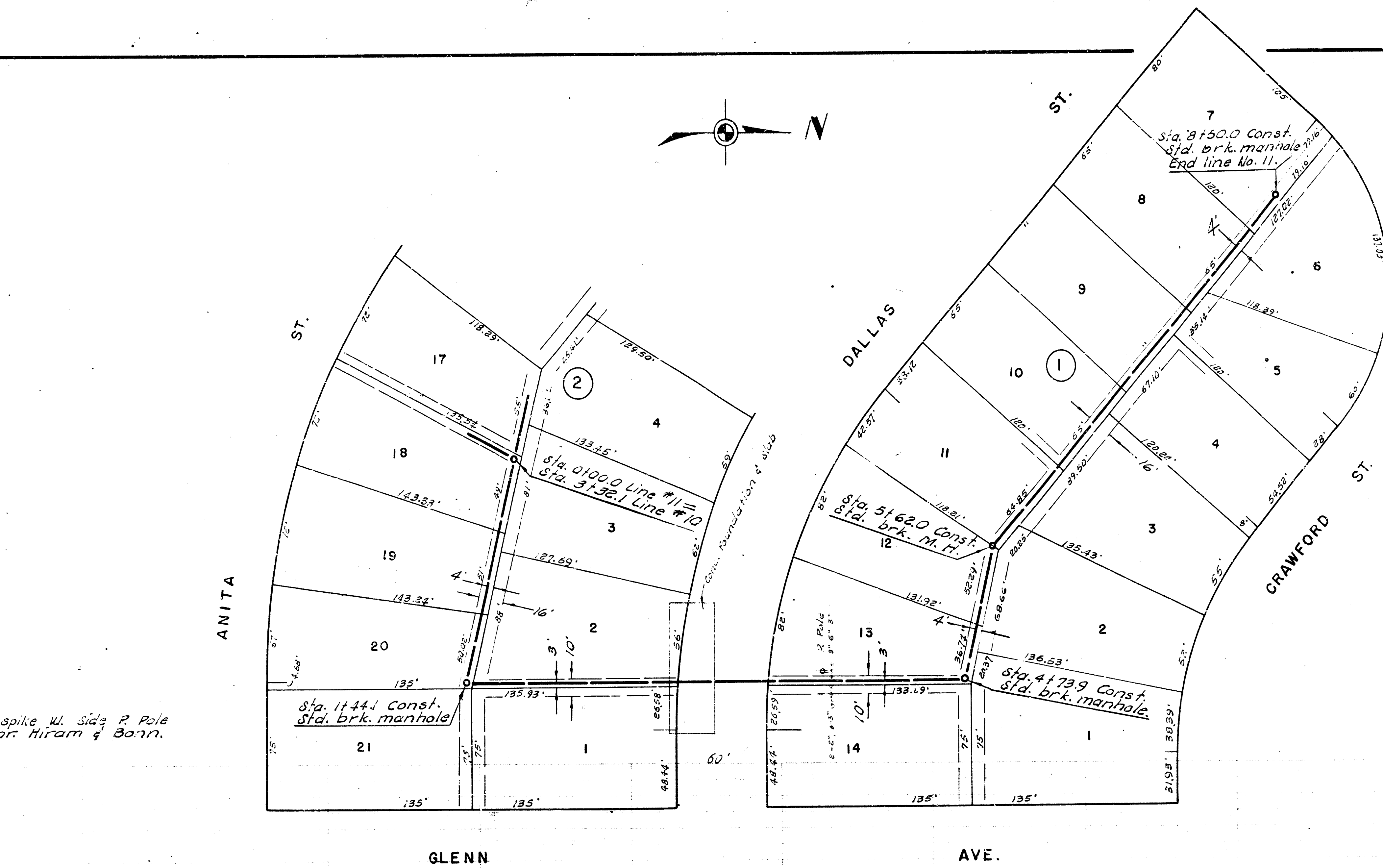




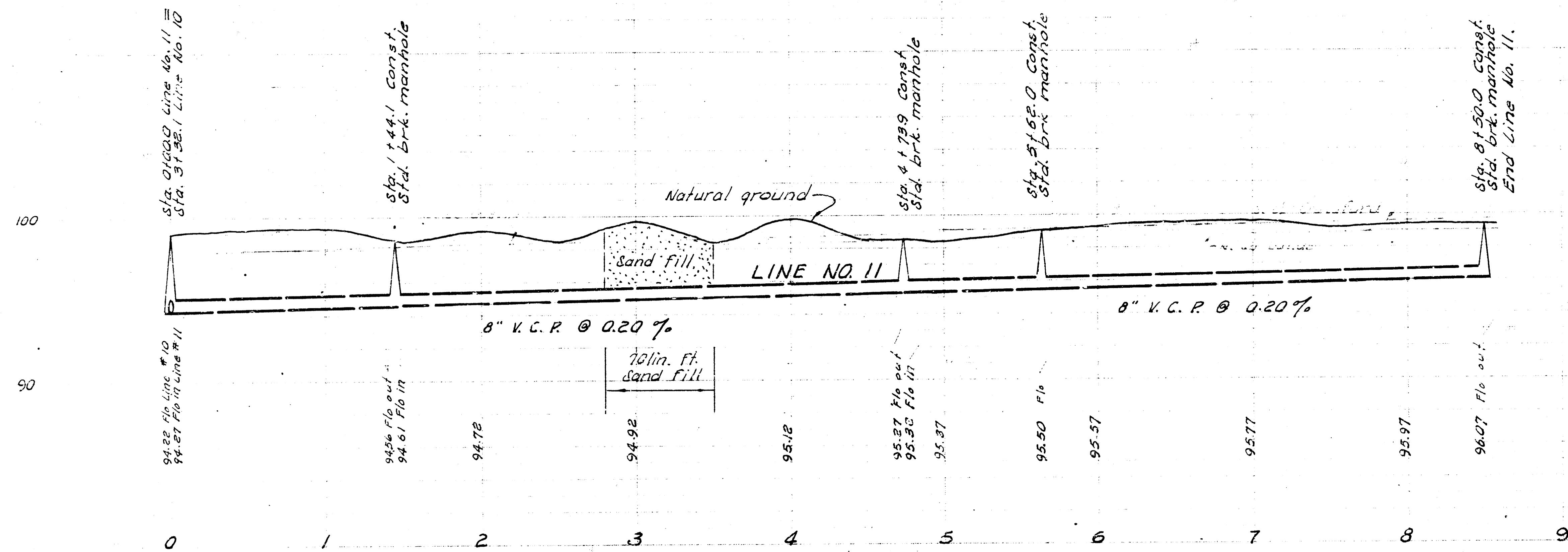


246 U. P. G. 76

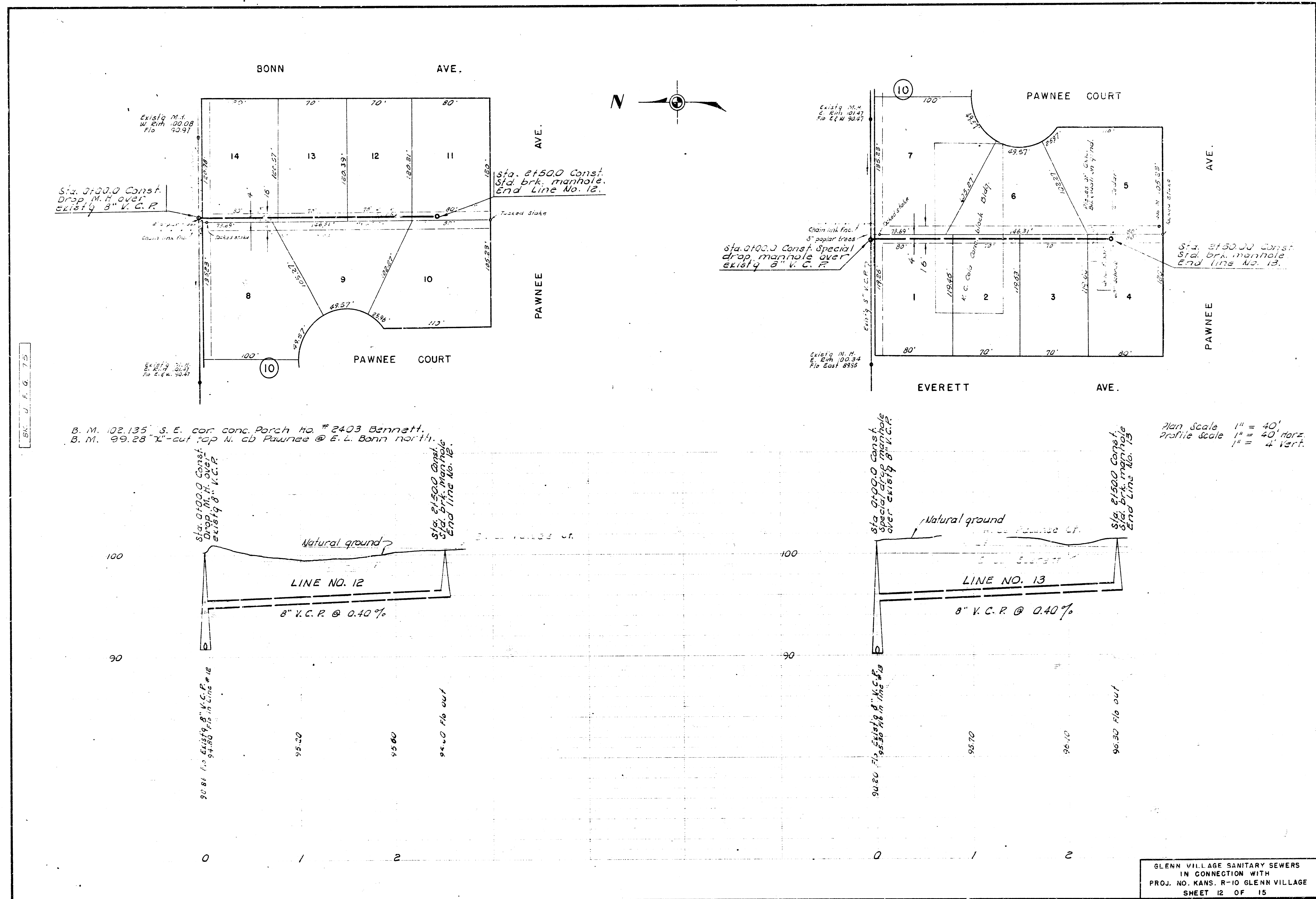
B. M. 10113 R. R. spike W. Side P. Pole
on S. E. cor. Hiram & Bonn.

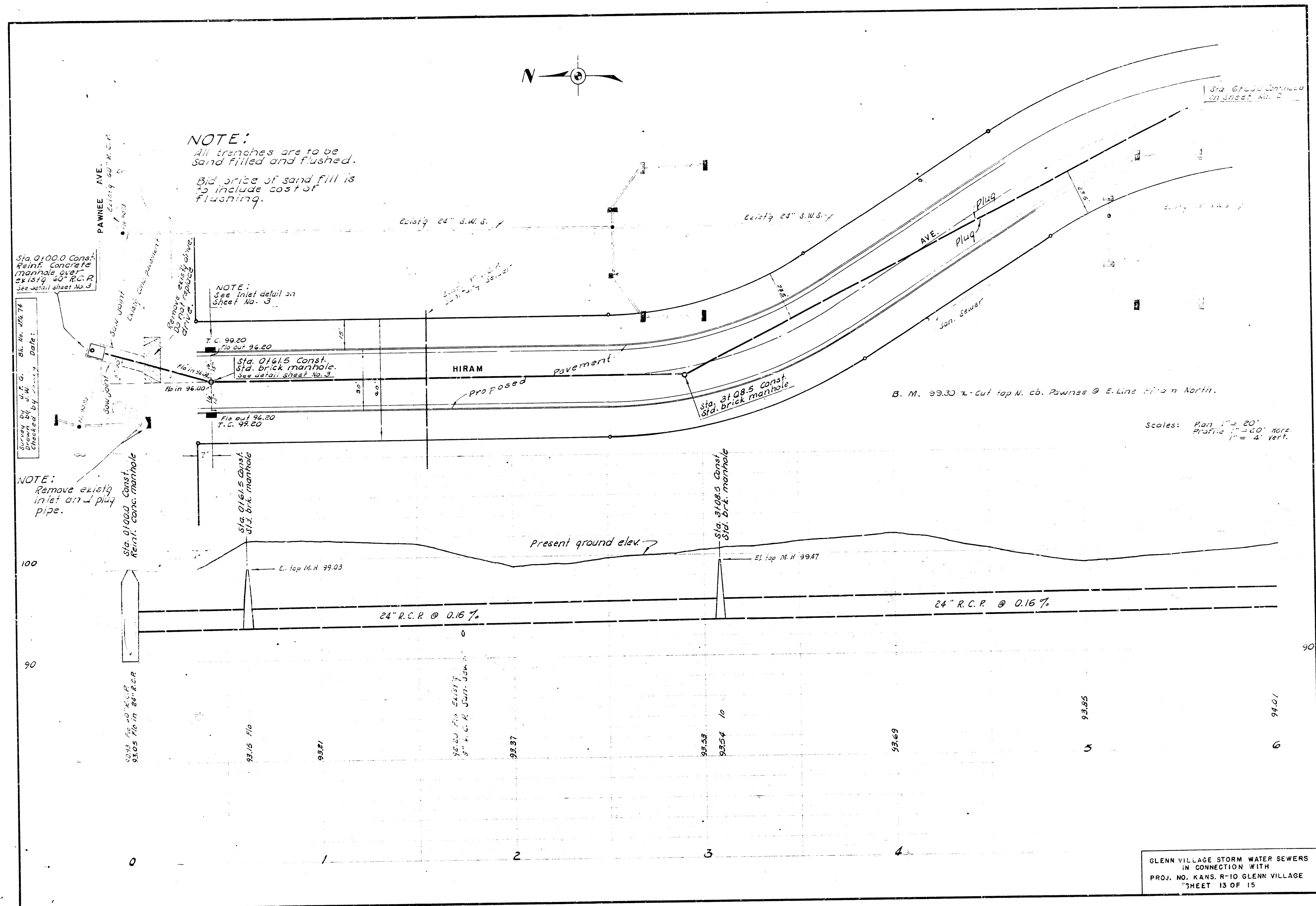


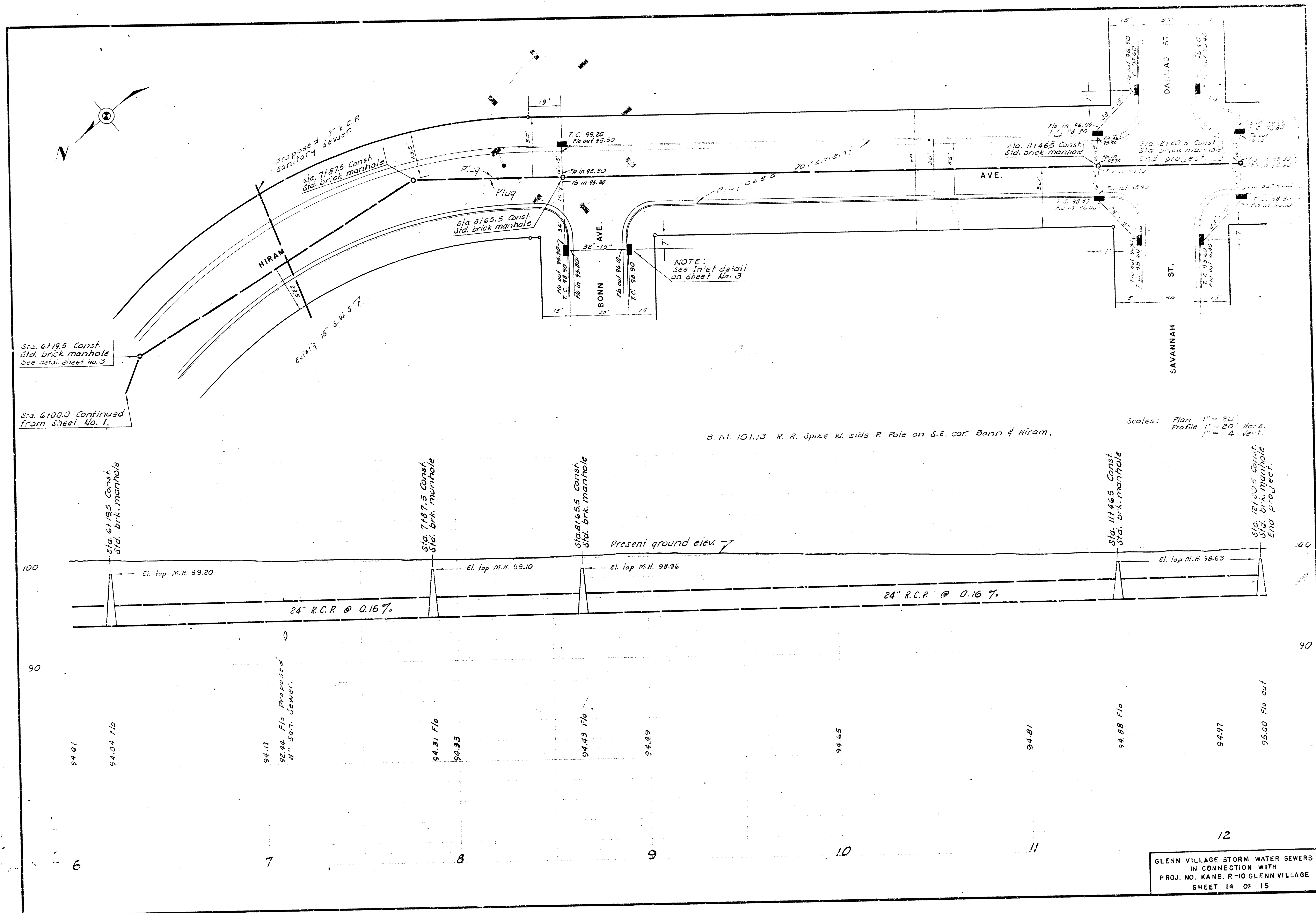
Plan Scale 1" = 40'
Profile Scale 1" = 40' Horiz.
1" = 4' Vert.



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



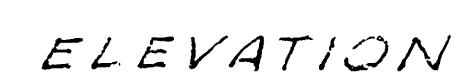




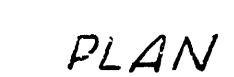
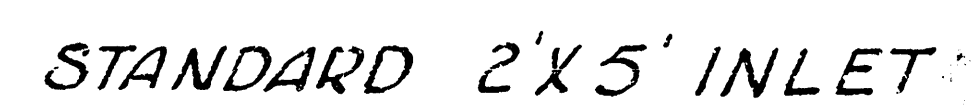


REINF. CONC. MANHOLE
Sta. 0+00.0

Scale $\frac{3}{8}" = 1' - 0"$



NOTE:
Remove top portion of
existg 60" S.W. S. thru
new manhole as shown.



SECTION



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

GLENN VILLAGE STORM WATER SEWERS,
IN CONNECTION WITH
PROJ. NO. KANS. R-10 GLENN VILLAGE
SHEET 15 OF 13