

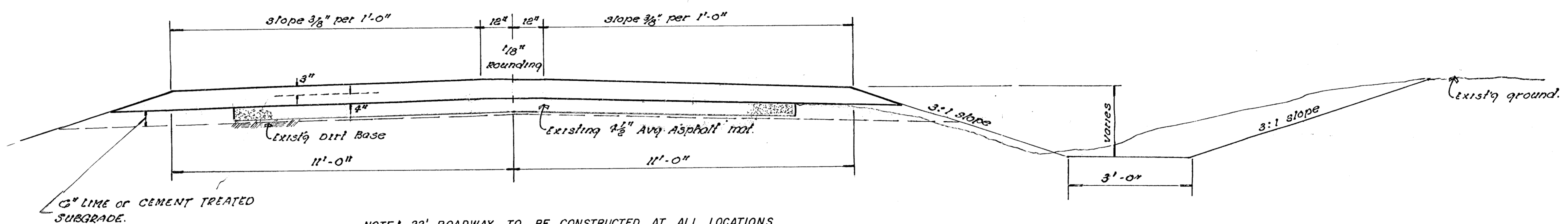
REPAVING FOREST HILLS STREETS

RECONSTRUCT EXISTING MAT PAVEMENT, IMPROVING DRAINAGE & REPLACE PORTION OF SANITARY SEWER.

TYPICAL SECTION

22' ASPHALT ROADWAY

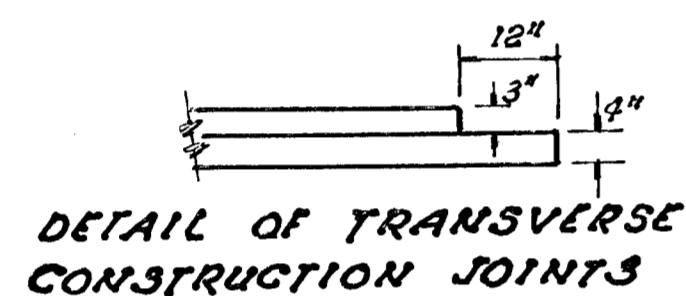
WEST PARKWAY
DOUGLAS PARKWAY
EAST PARKWAY
CENTRAL PARKWAY
LINDEW DRIVE (both sides)
SEQUOIA DRIVE



NOTE: 22' ROADWAY TO BE CONSTRUCTED AT ALL LOCATIONS WHERE PRIVATE PROPERTY ABUTS ON ONE SIDE ONLY.

A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQ. YD. BETWEEN LIFTS OF ASPHALTIC WAFFERS. WHEN ORDERED BY THE ENGINEER, TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.

BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC ELECTRIC CONTROLS FOR GRAD AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1 FT. WITH JOINTS IN PRECEDING LIFTS AND PLACED SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE IN THE TOP LIFT.

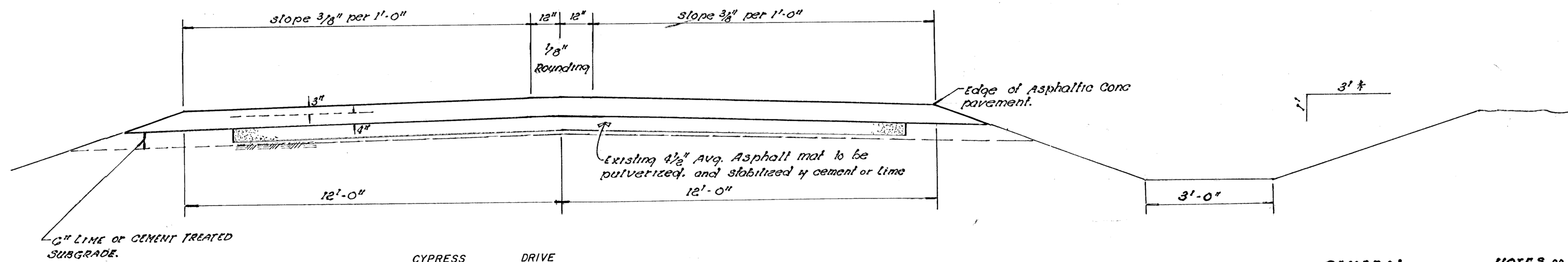


TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID PRICE FOR SQ. YDS. OF ASPHALTIC CONCRETE PAVEMENT.

TYPICAL SECTION

24' ASPHALT ROADWAY

CYPRESS DRIVE
LAUREL DRIVE
BEECH ROAD
HAWTHORNE ROAD
PLUM AVE



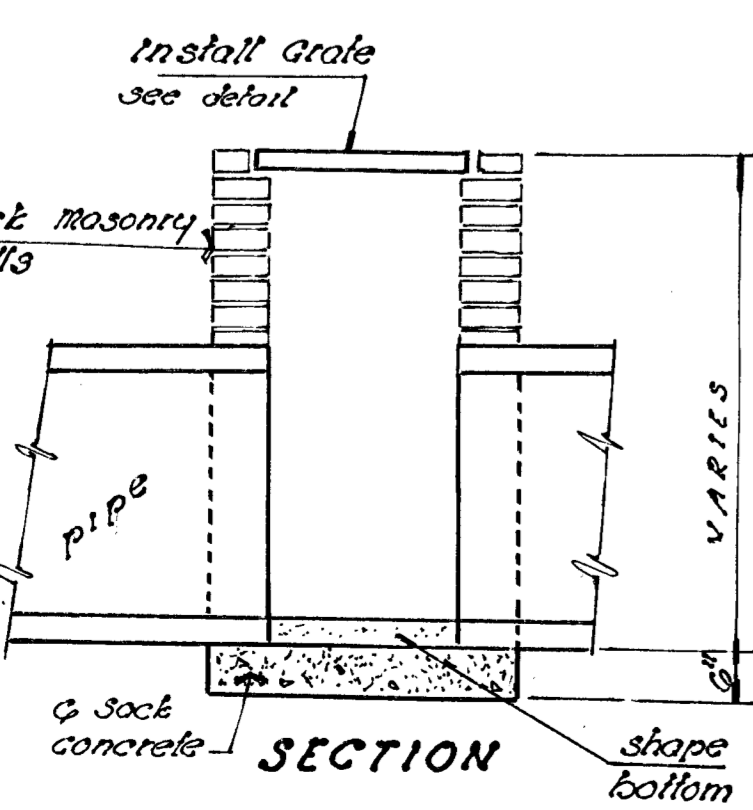
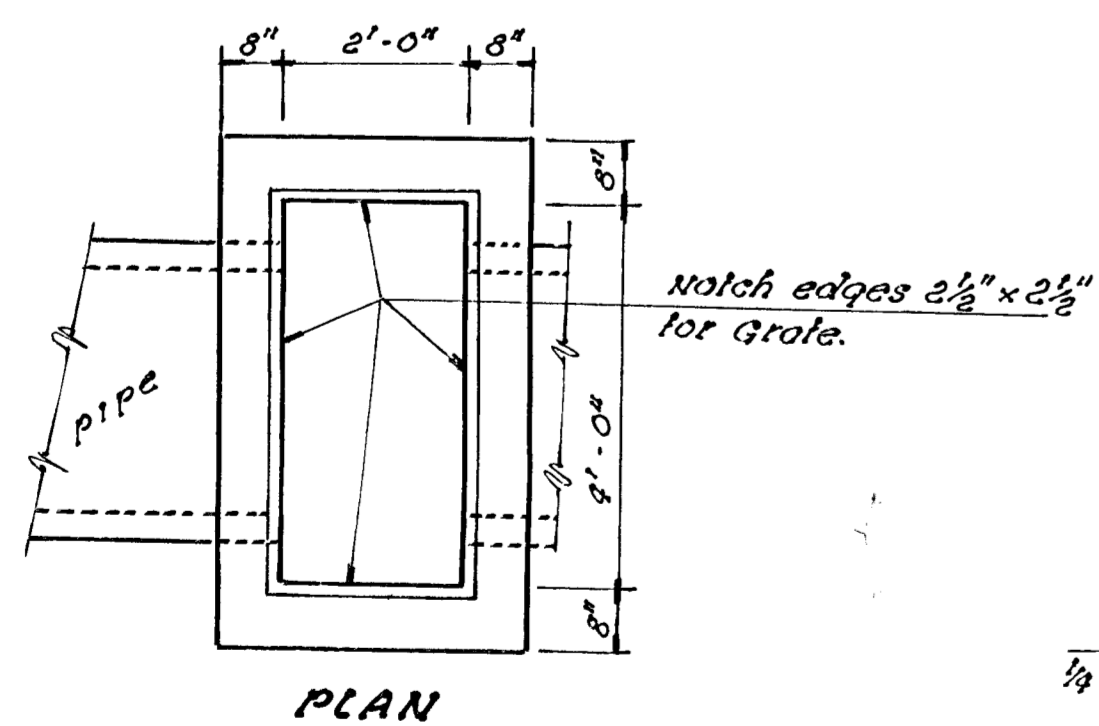
NOTE: 24' ROADWAY TO BE CONSTRUCTED ON ALL STREETS WHERE PRIVATE PROPERTY ABUTS ON BOTH SIDES OF ROADWAY.

SUB-GRADE
TYPE OF SUB-GRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUB-GRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUB-GRADE MODIFICATION, OR ANY COMBINATION OF THESE.

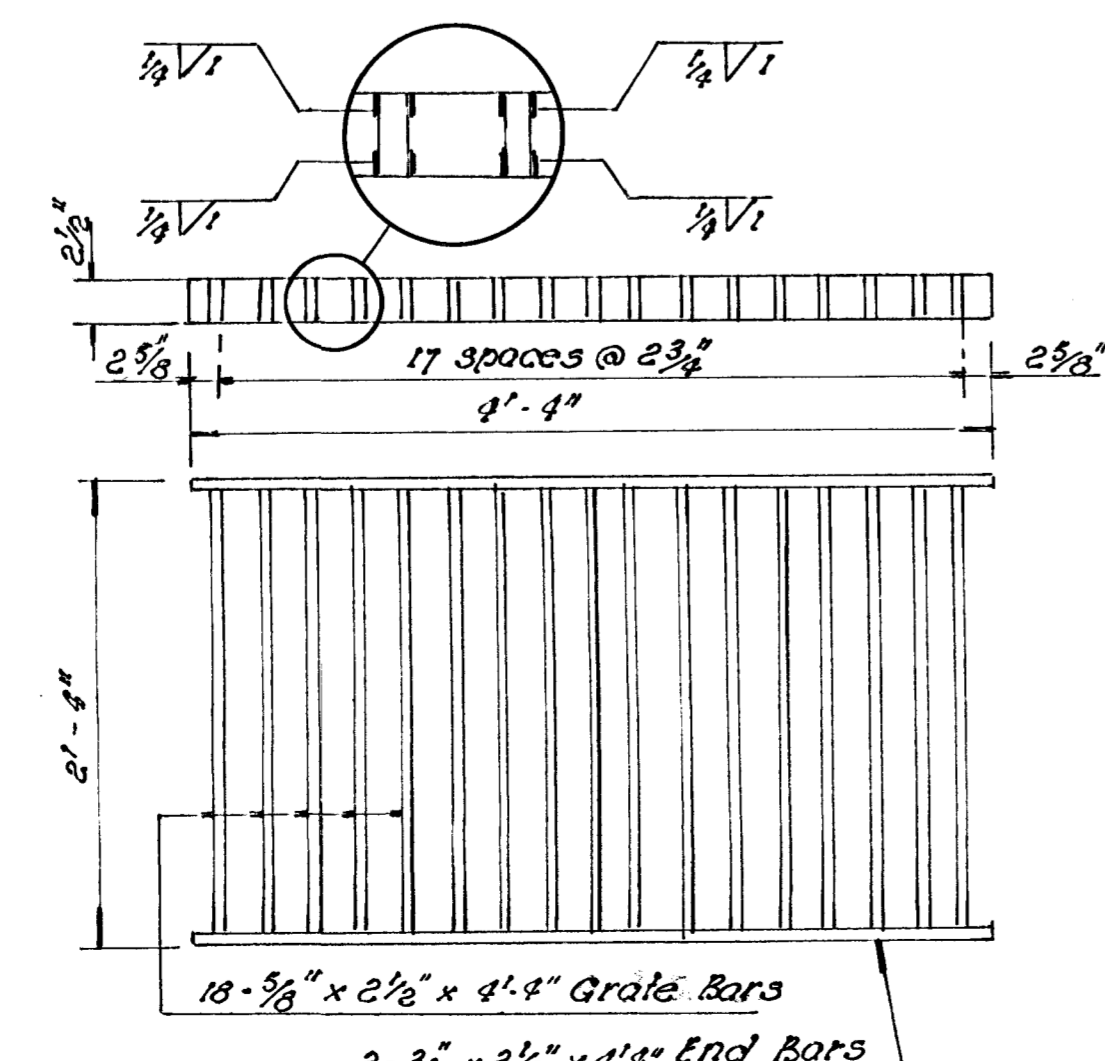
* 3:1 back slope to be used when possible. Maximum 1:1 slope to be used only when trees or shrubs are to be saved.
EXCESS excavation to be used in making back slope.

GENERAL NOTES

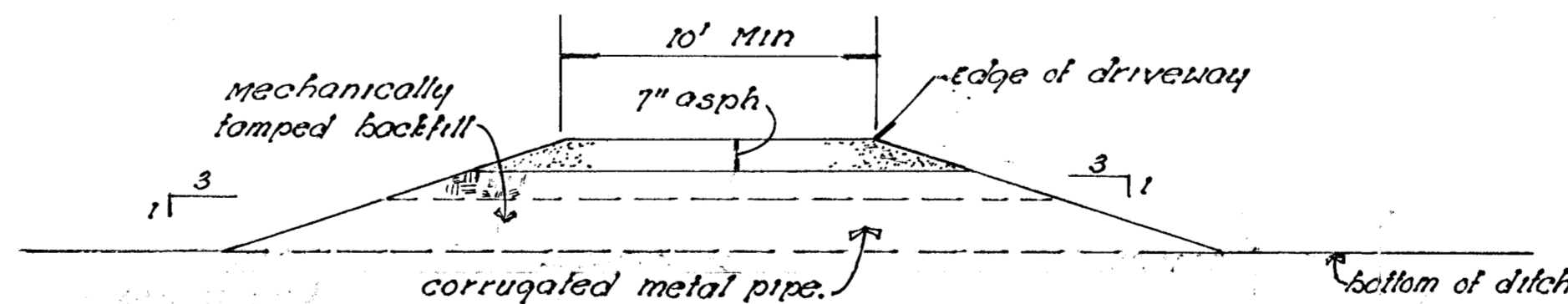
1. 22' roadway and 24' roadway shall be the maximum pay width for asph pavement. Intersections to be paid as measured from one edge of the asph pav't to the other edge of asph pav't.
2. Roadway removal on entrance pipes shall not be paid directly but shall be included in the price bid per lin ft pipe removed.
3. The pay width for manipulation shall extend 2'-0" beyond the measured width of the asphaltic conc pavement in both directions.
4. The pay width for manipulation under drive ways shall extend 2'-0" beyond the measured width of the asphaltic conc pav't in both directions.
5. Bid price for 3/4 yard's manipulation is to include pulverizing existing mat and stabilizing with cement or lime.
6. All drive entrance pipes and cross road pipes must be inspected by the field engineer to determine if size & condition is suitable for use on this project.
7. Field Engineer to determine exact limits of ditch grading.
8. The old mat must be pulverized sufficiently so that the material to be treated with lime or cement meets the gradation requirement of 85% passing No. 20 sieve, coarser material may be used as directed by the engineer.



DITCH INLET



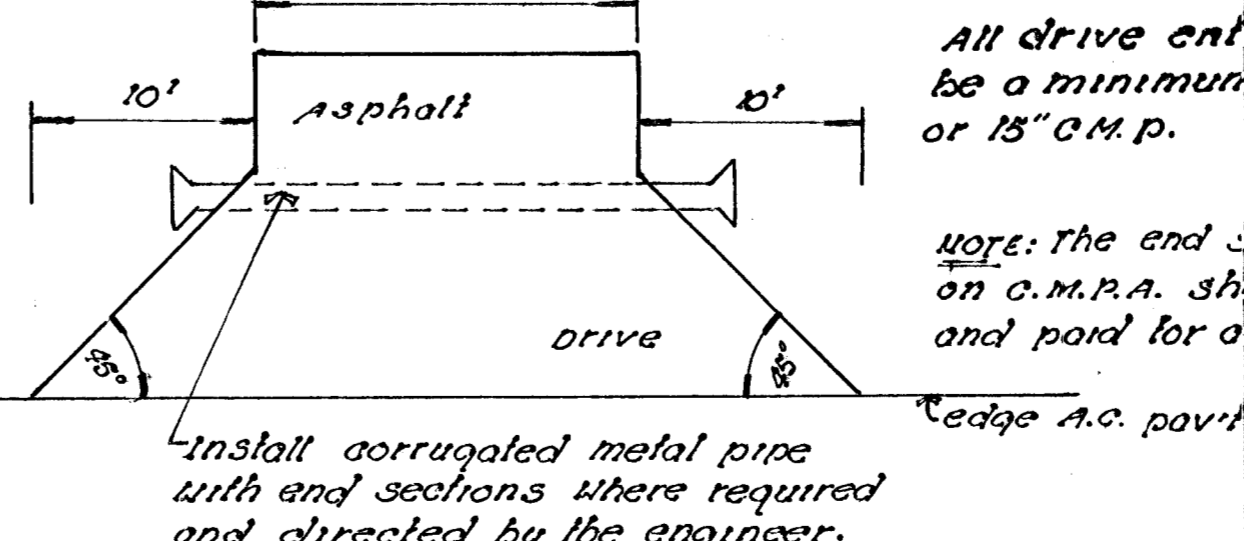
WELDED STRUCTURAL STEEL GRATE weight 221 lbs.



All culverts under driveway approaches shall be plain galvanized C.M.P. All culverts under roadway shall be half coated and half paved C.M.P.

1. The composition of earthwork at driveway locations shall not be paid for directly but shall be considered as a subsidiary cost to the other bid items on this proj.
2. The pay width for asphalt pav't used at driveway locations shall be measured from one edge of the drive to the other edge as noted on typical section.

NOTE: All pipe installed on this project shall be corrugated metal pipe arch (C.M.P.A.). ALL CUR IS GAUGE or equivalent size C.M.P.



PLAN VIEW TYPICAL DRIVEWAY

CITY OF WICHITA, KANSAS
DEPT. of PUBLIC WORKS-Engr Division
R.W. LINN — CITY ENGINEER
Date *Jan 1977* Proj No. DAKS576069

1/8

SAVE ORIGINALS



Note: orange orange hedge branches to be trimmed only where necessary for ditch grading. To be bid lump sum.

2-10" RCBC Deck 147.31
 139.96
 X top of guard rail post NE cor of RCBC Elev. 150.11

B.M. 15129 CITY DISE Top E and hubguard N. handrail R.O.B. West of LINDEN DE on DOUGLAS.
 B.M. 15128 CITY STANDARD REAR ROAD DOUGLAS
 B.M. 15127 R.R. Spike N.E. Pole. So. side DOUGLAS PARKWAY approx of CYPRESS.
 B.M. 15179 S.W. cor white bull brick headwall over north end culvert to entrance, House #8 WEST PARKWAY.

CAUTION
 UNDERGROUND UTILITIES
 Please check with K.G. & E. or Southwestern Bell Telephone Co. for location

CITY-COUNTY FLOOD CONTROL OFFICE
 TOPOGRAPHIC SURVEY
 SW 1/4 NE 1/4
 SEC. 20-T-27-S-R-2-E

SCALE: 1" = 40'
 DATE: JUN 1959
 DRAWN: C.B.S.
 PROJ. NO. DAK351069



B.M. 12695 Step bench N. to St light E. side EAST
 PARKWAY approx & SIQUOIA.
 B.M. 12622 40 NAIL Step bench S. face light pole.
 N. side HAWTHORNE 150' E. of U.L. CYPRESS.
 B.M. 12711 40 NAIL Step bench S. U. face light pole
 N.E. cor HAWTHORNE & LAUREL.
 B.M. 17531 R.R. Spike N. to light pole. S.E. Cor. LAUREL
 & SIQUOIA.
 B.M. 17181 R.R. Spike S.E. face street light pole. N.W.
 cor. BEECH & HAWTHORNE.
 B.M. 17631 CITY STANDARD NAIL RD & DOUGLAS

CITY-COUNTY FLOOD CONTROL OFFICE
 TOPOGRAPHIC SURVEY
 SE 1/4 NE 1/4
 SEC. 20: T-27-S-R-2-E
 SCALE 1" = 20'
 DATE NOV 1959
 DRAWN 101

1. B.M. 175.53 R.R. Spike N.W. side of RR S.E. corner of Sequoia and Laurel Dr.
 2. B.M. 164.65 R.R. Spike E. side of RR @ Sequoia + Cypress.

FOREST HILLS ADD'N

SCALE
 Plan: 1" = 40'
 Profile: vertical 1" = 5'
 horizontal 1" = 40'

Station 0+00 existg. M.H. remove and replace M.H. 4' Std. Type 'B' or 'C'. rim elev. to be determined by Field Engg.

Station 2+15 existg. M.H. remove existing M.H. Constr. Std. Type 'B' or 'C' M.H. Rim Elev. to be determined by Field Engineer.

Station 0+00 Existing Manhole, remove and replace M.H. 4' Std. Type 'B' or 'C' rim elev. to be determined by Field Engg.

Station 2+60 Constr. Std. Type 'B' or 'C' Manhole. rim elevation to be determined by Field Engg.

Station 6+01 Existing Manhole. Remove & Replace existing M.H. 4' Std. Type 'B' or 'C'. Rim Elev. to be determined by Field Engineer.

CAUTION
 UNDERGROUND UTILITIES
 Please check with K G & E or Southwestern Bell Telephone Co. for Location

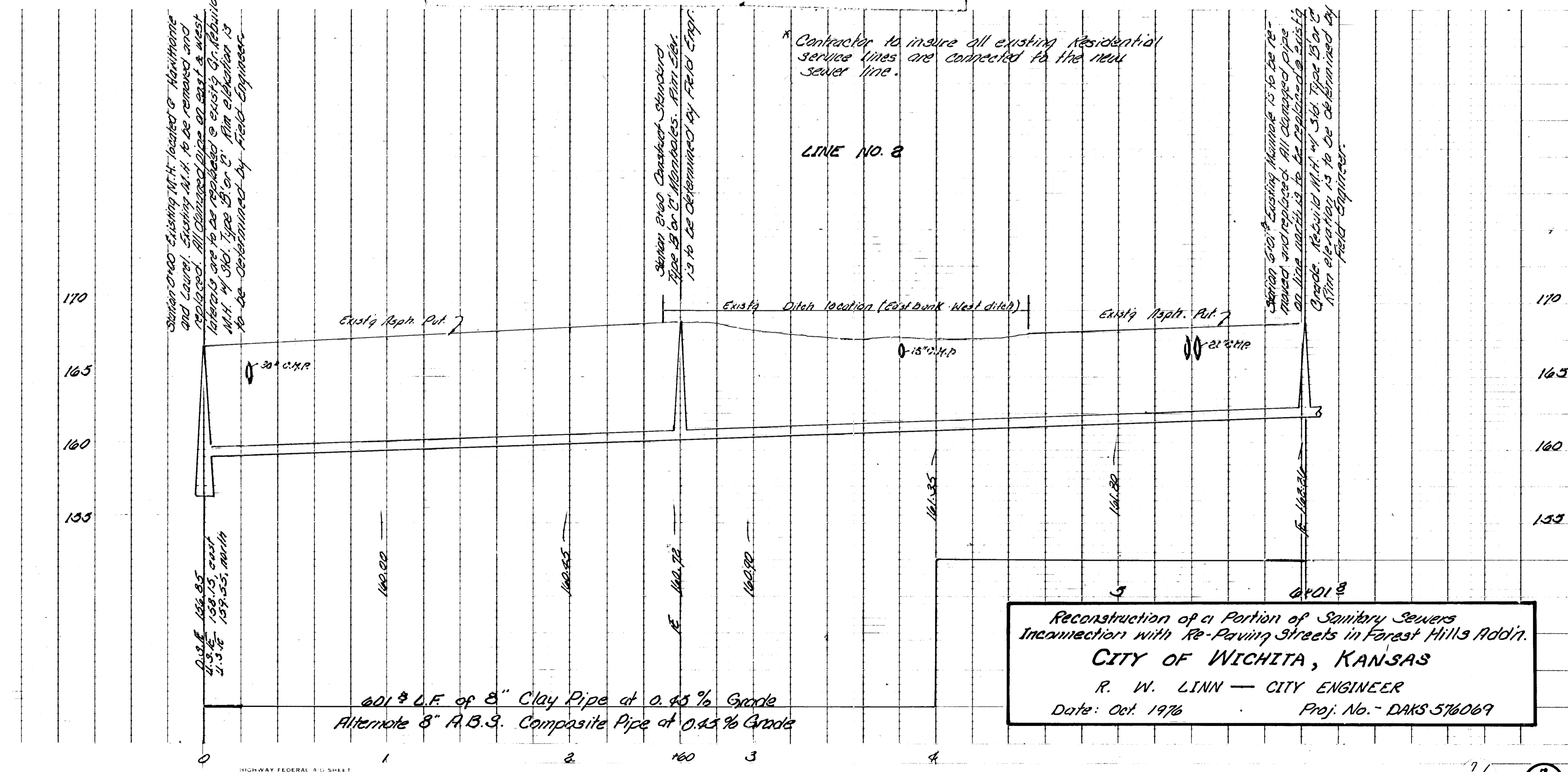
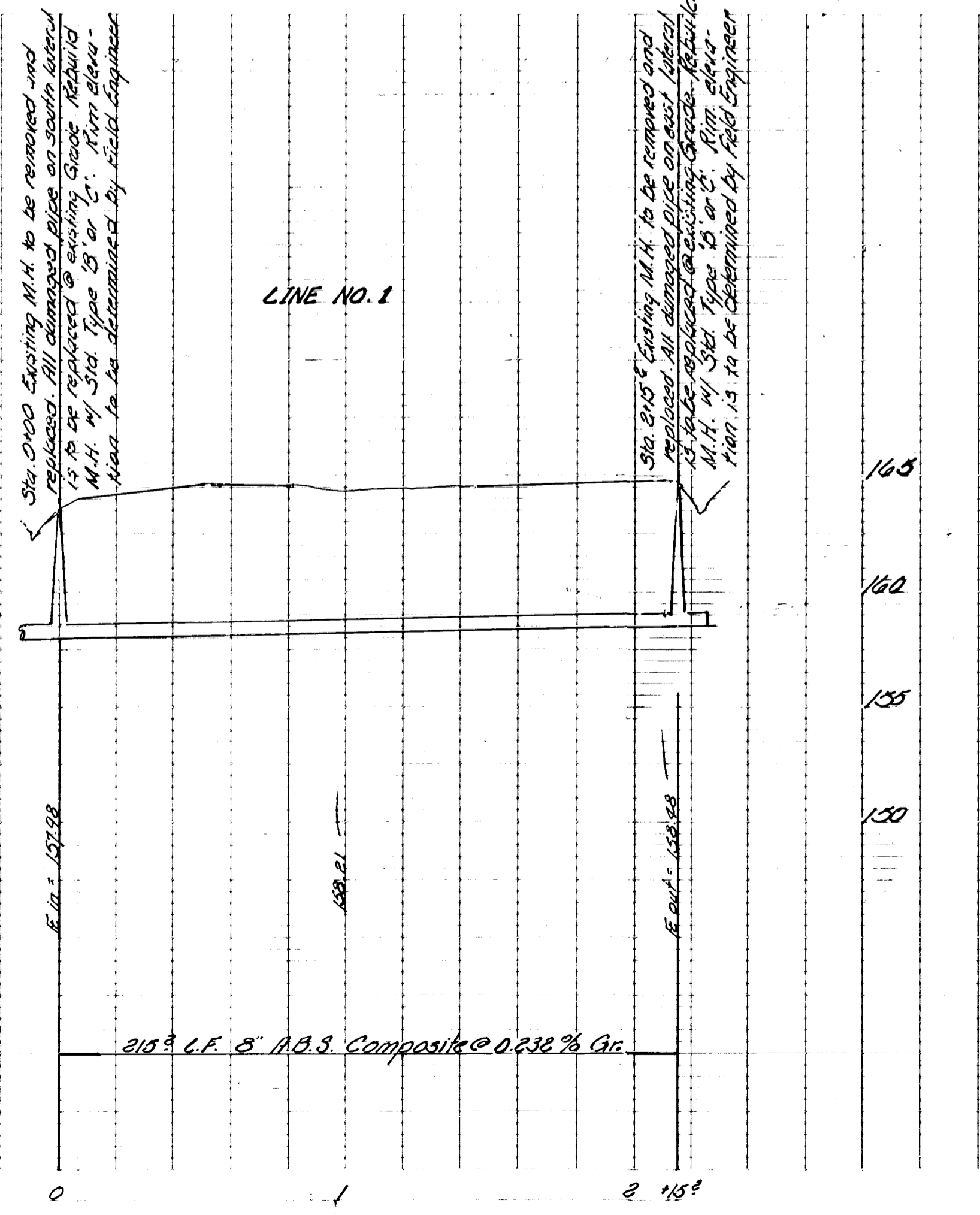
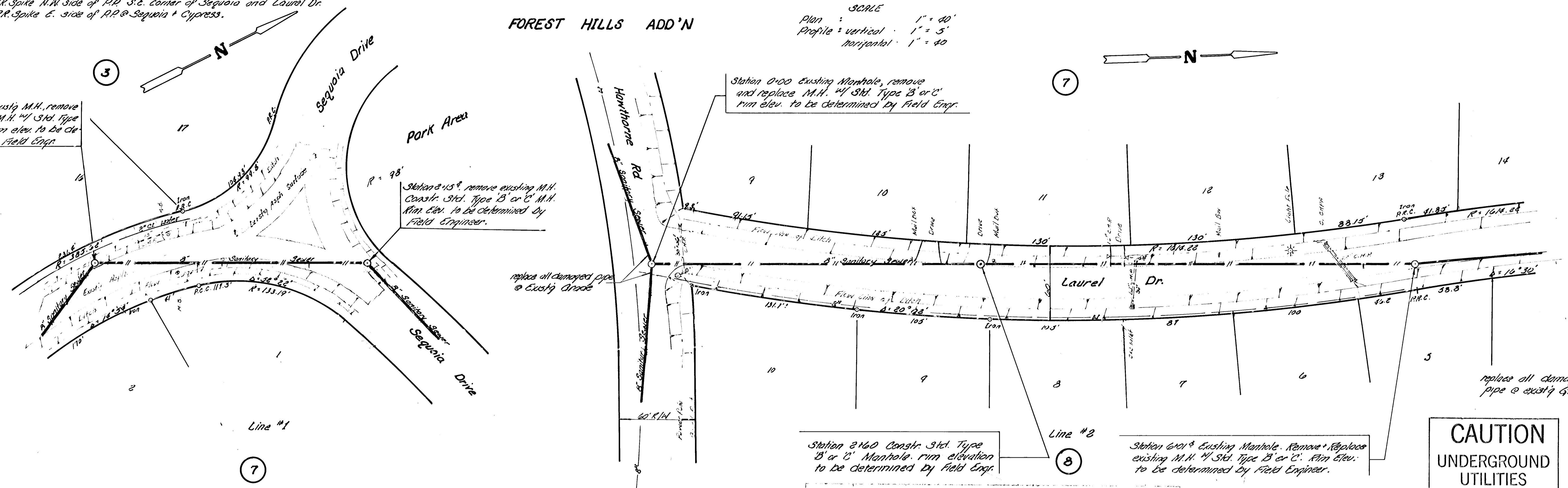
* Note: The width of lots fronting on 'Curves' are given in "cord measurements"

NOTE: CONTRACTOR WILL BE REQUIRED TO OBTAIN PERMITS FROM PUBLIC WORKS ADMINISTRATION FOR RECONNECTING SERVICE LINES TO RECONSTRUCTED LATERAL SEWER. FEE FOR PERMIT WILL BE WAIVED.

* Contractor to insure all existing residential service lines are connected to the new sewer line.

PLAN
 DATE: 10/76
 DRAWN BY: Jim Brown
 CHECKED BY: Jim Brown
 NO. 252

PROFILE
 DATE: 10/76
 DRAWN BY: Jim Brown
 CHECKED BY: Jim Brown
 NO. 252



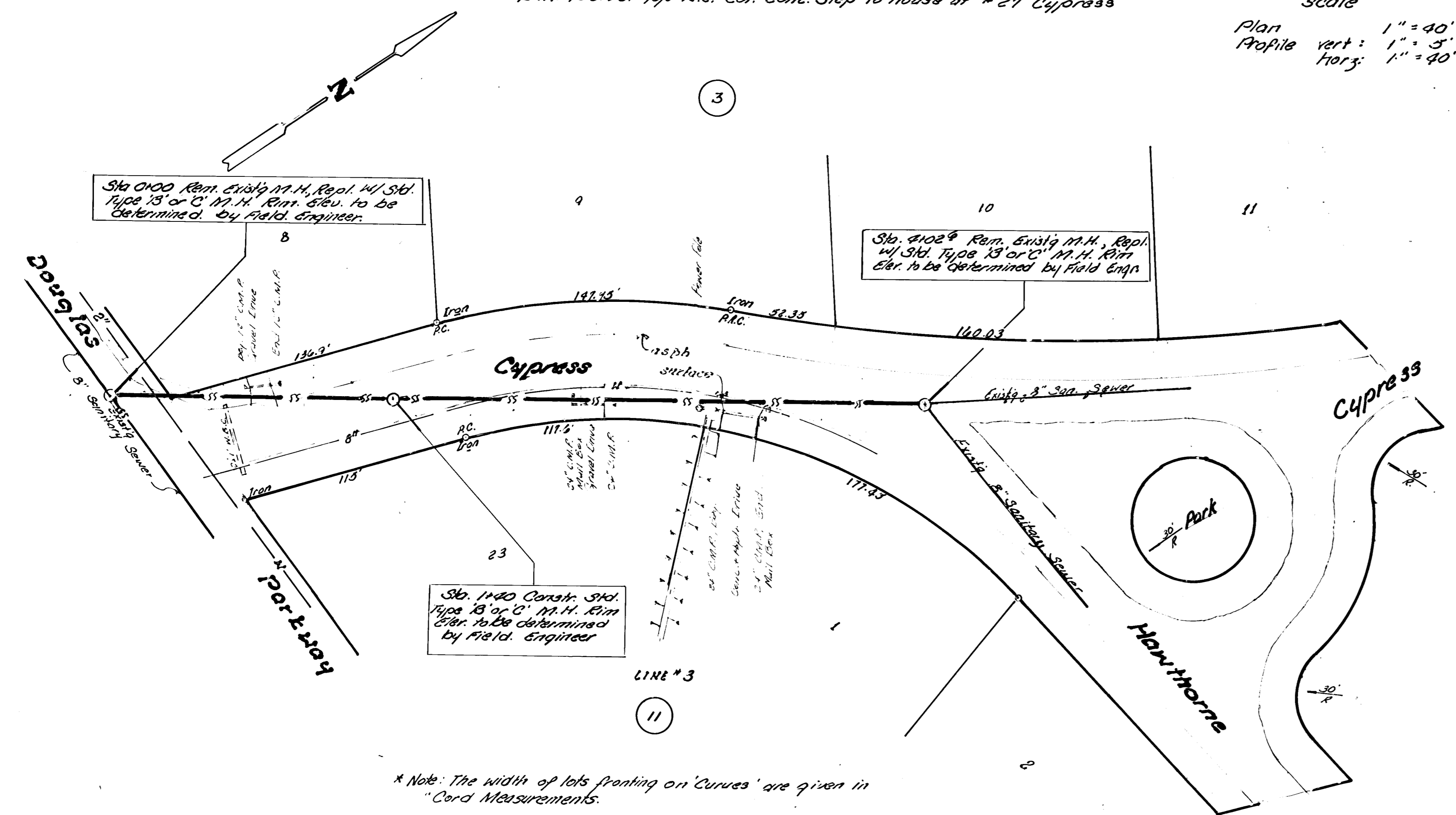
Reconstruction of a Portion of Sanitary Sewers
 Inconnection with Re-Paving Streets in Forest Hills Add'n.
CITY OF WICHITA, KANSAS
 R. W. LINN — CITY ENGINEER
 Date: Oct. 1976 Proj. No. - DAKS 576069

B.M. 159.86 R.R. Spike N. side R.R. S.S. Douglas Pkwy + Cypress
 B.M. 158.92 Top N.E. Cor. Cont. Strip to House of #27 Cypress

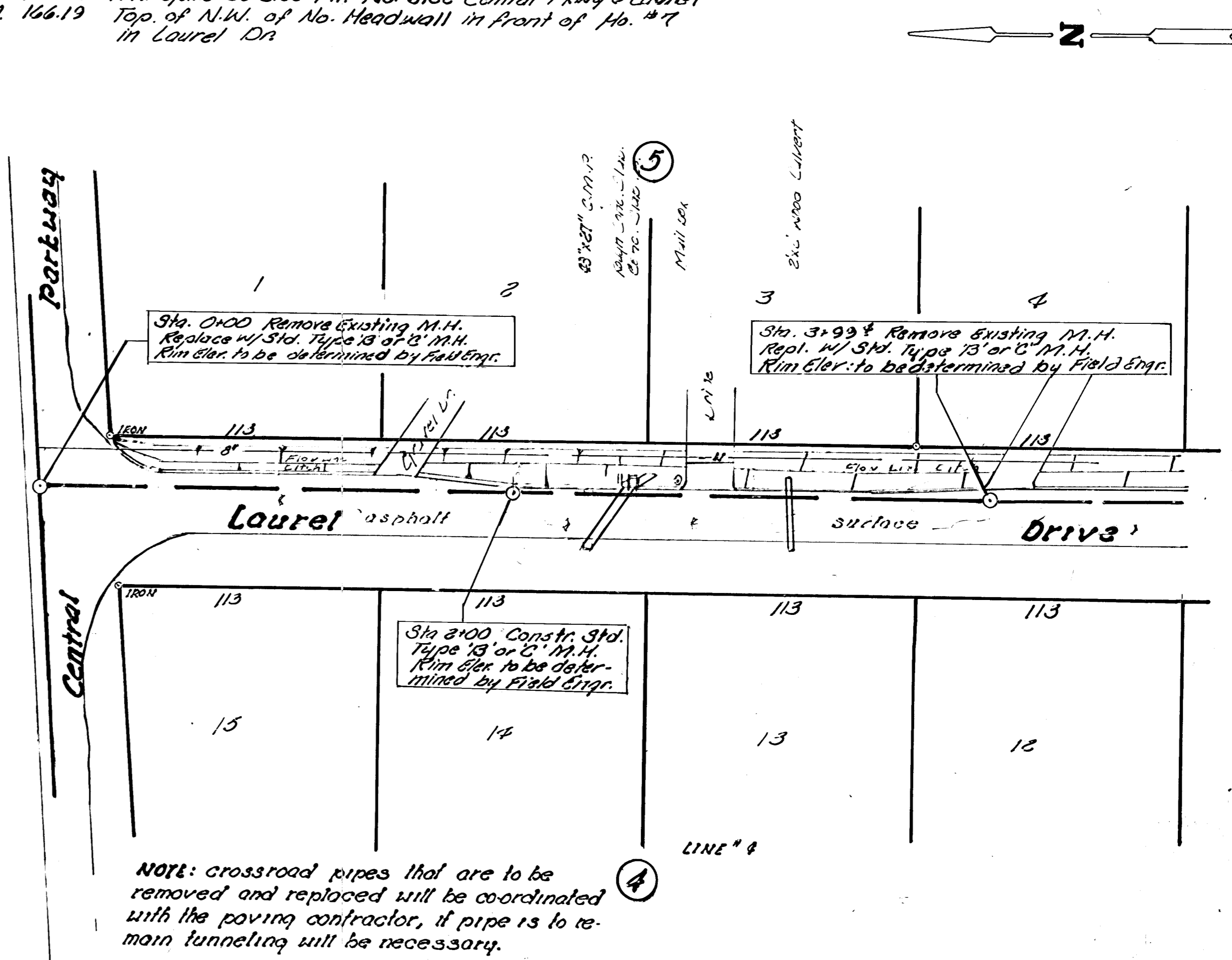
Scale
 Plan 1" = 40'
 Profile vert: 1" = 5'
 horiz: 1" = 40'

B.M. 166.21 R.R. Spike So. side R.R. No. side Central Pkwy + Laurel
 B.M. 166.19 Top of N.W. of No. Headwall in front of No. #7 in Laurel Dr

DATE: _____ BY: _____
 SURVEYED: _____
 PLAN: _____
 NOTE BOOK: _____
 ALIGNMENT CHECKED: _____
 NO. OF WAY CHECKED: _____

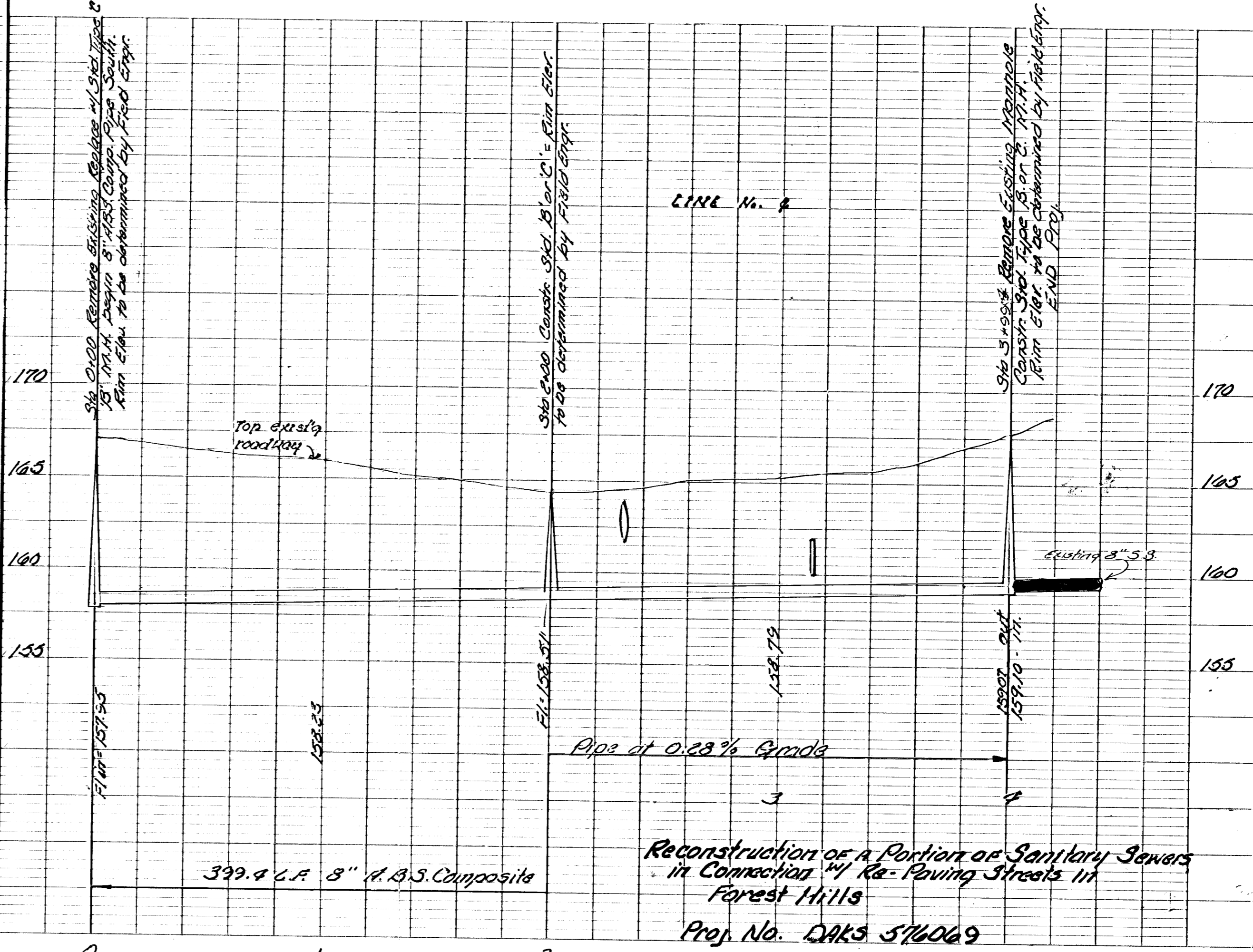
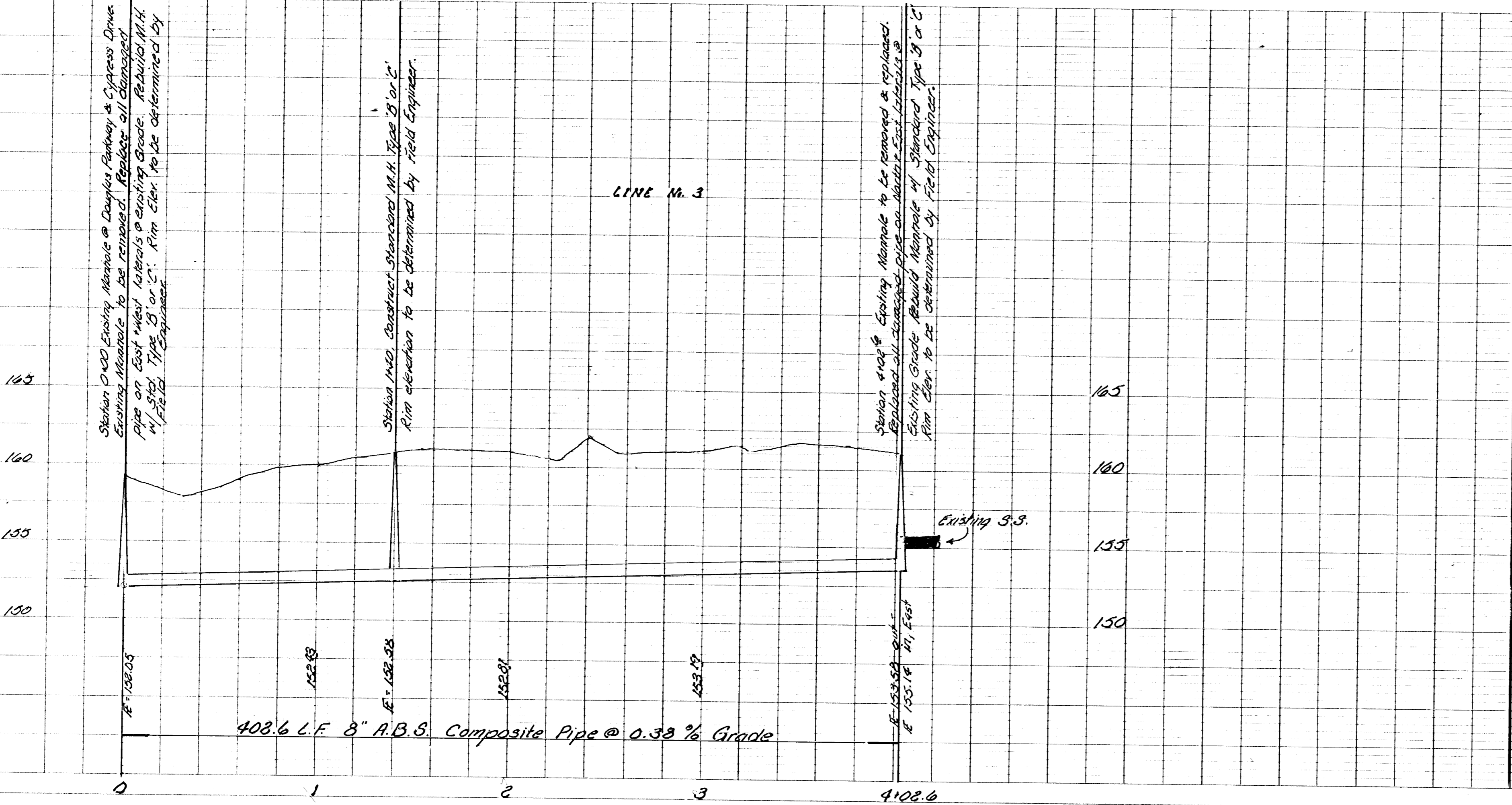


* Note: The width of lots fronting on 'Curves' are given in 'Cord Measurements.'



NOTE: crossroad pipes that are to be removed and replaced will be coordinated with the paving contractor, if pipe is to remain tunneling will be necessary.

DATE: _____ BY: _____
 SURVEYED: _____
 PROFILE: _____
 NOTE BOOK: _____
 B.M.'S NOTED: _____
 NO. OF STRUCTURE NOTATIONS CHECKED: _____



Reconstruction of a Portion of Sanitary Sewers in Connection w/ Re-Paving Streets in Forest Hills
 Prop. No. DKS 574069



CENTRAL

AVE.

CENTRAL

FOREST

PARK

K F H
PROPERTY

ASPEN
COURT

ADDN.
3

SEQUOIA

CYPRESS

DRIVE

SEQUOIA

DRIVE

DRIVE

HILLS

HILLS

LAUREL

HAWTHORNE

ROAD

PARKWAY

FOREST

PARK

SHOPS

FOREST

OLICK-ALBERTS

ADDN.
2

LINDEN

HILLS

PLUM

AVENUE

HAWTHORNE

ROAD

PARKWAY

DOUGLAS

CONSTRUCTION SEQUENCE

- 1.
- 2.
- 3.

NOTE: The width of lots fronting on curves are given in third column only.

