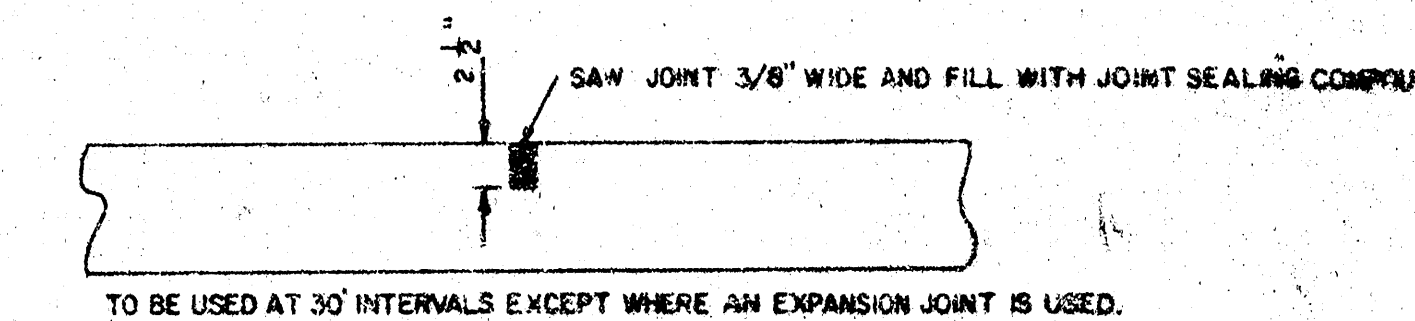
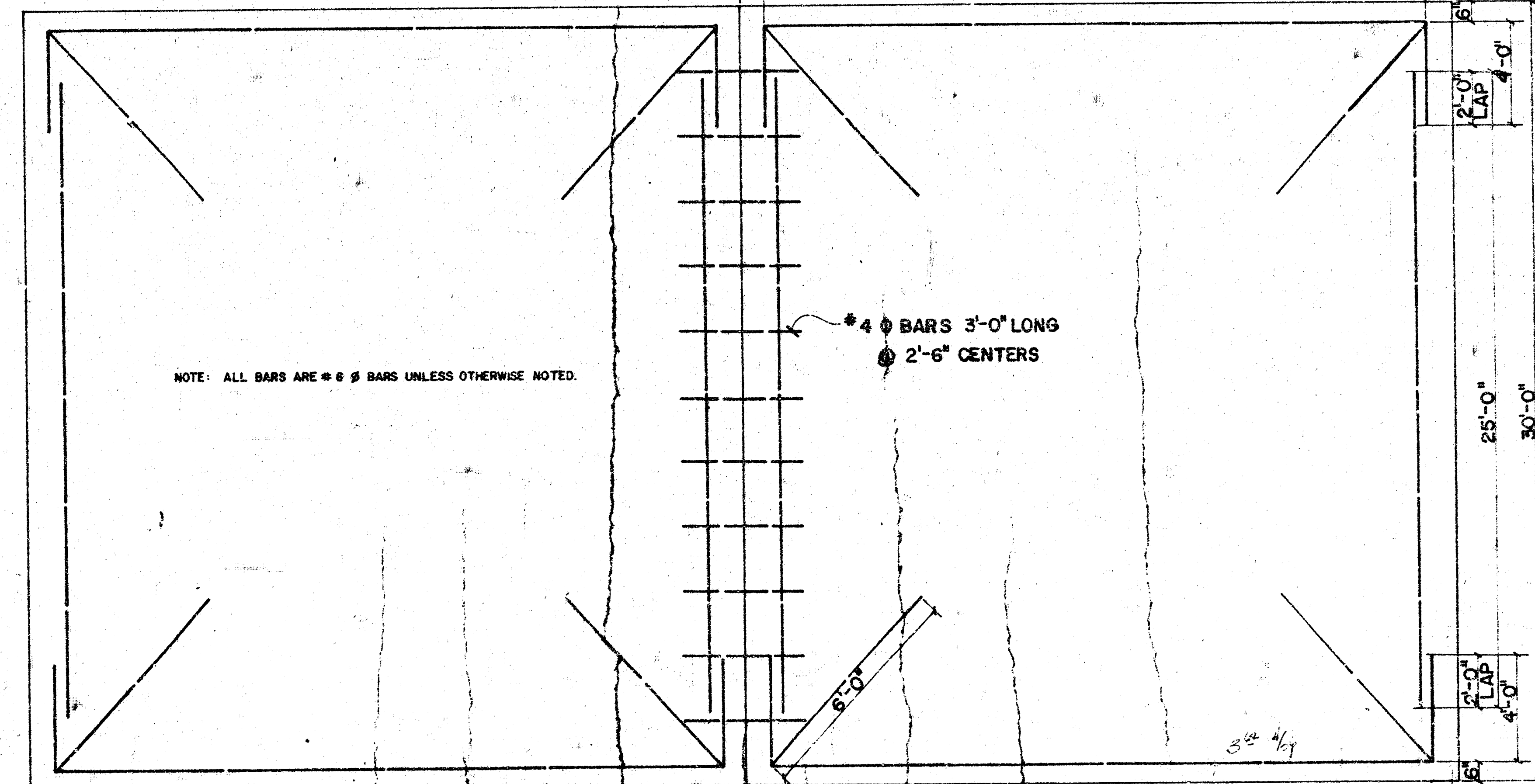
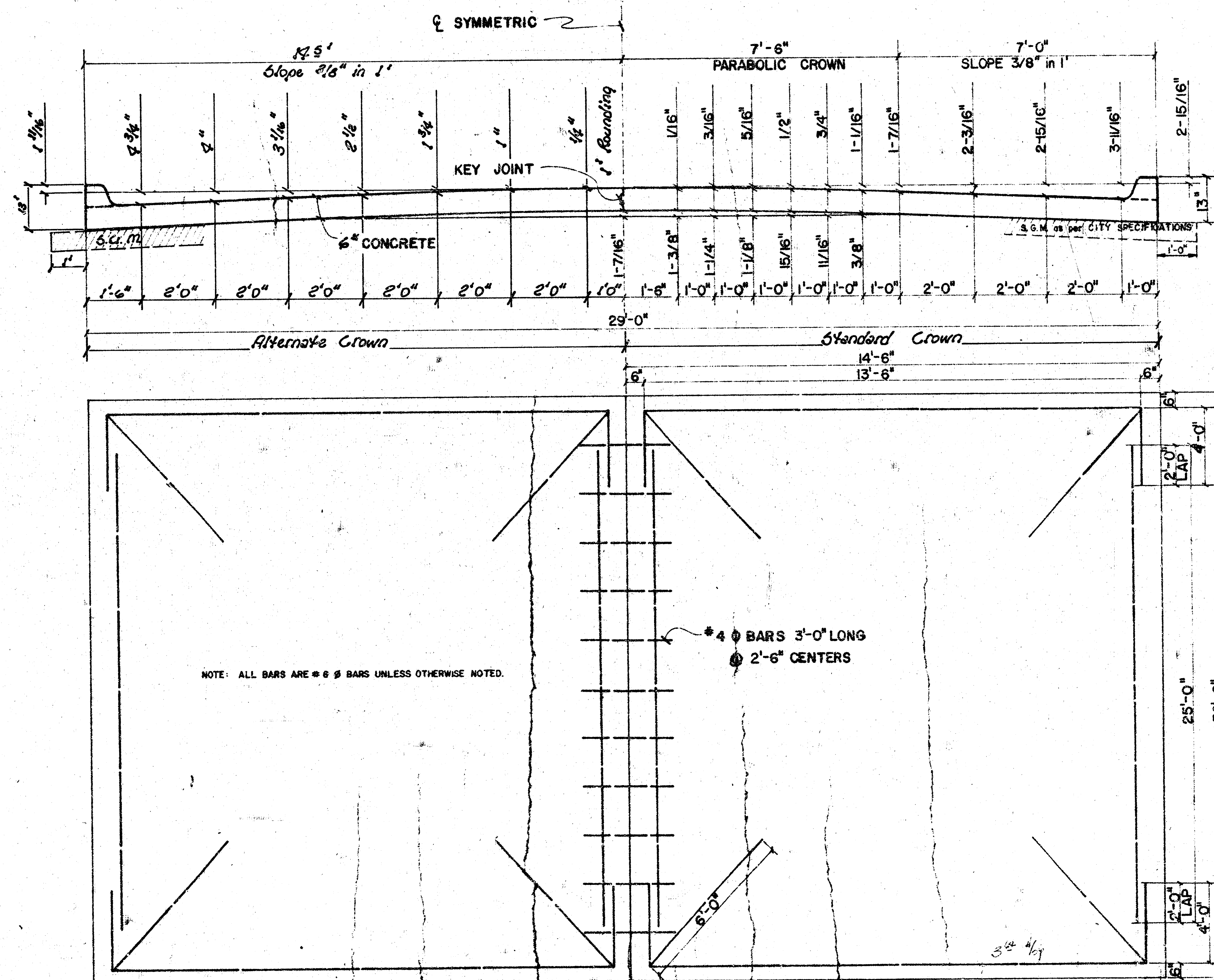
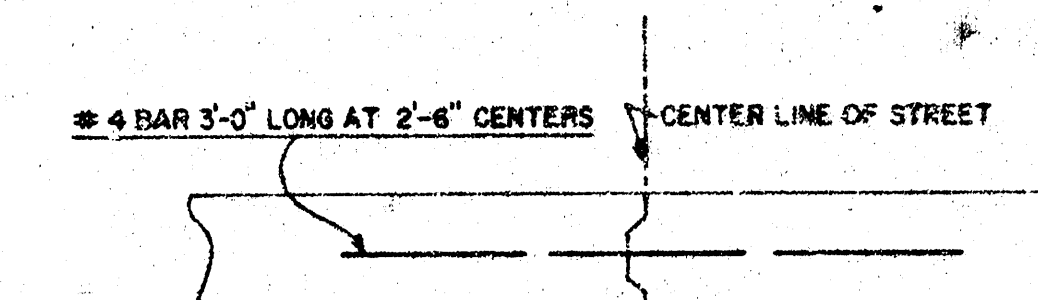


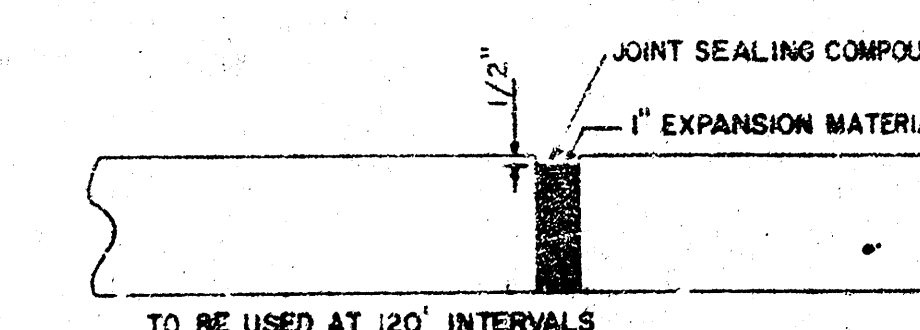
CALVERT
E.L. WEST ST. to E.L. KNIGHT ST.
 PROJECT NO.—DAKS 577105
 472-76-245-80596-000-000-001
TYPICAL SECTION 29'-0" CONCRETE PAVEMENT



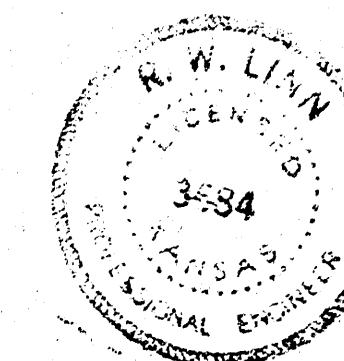
CONTRACTION JOINT DETAIL



KEY JOINT DETAIL



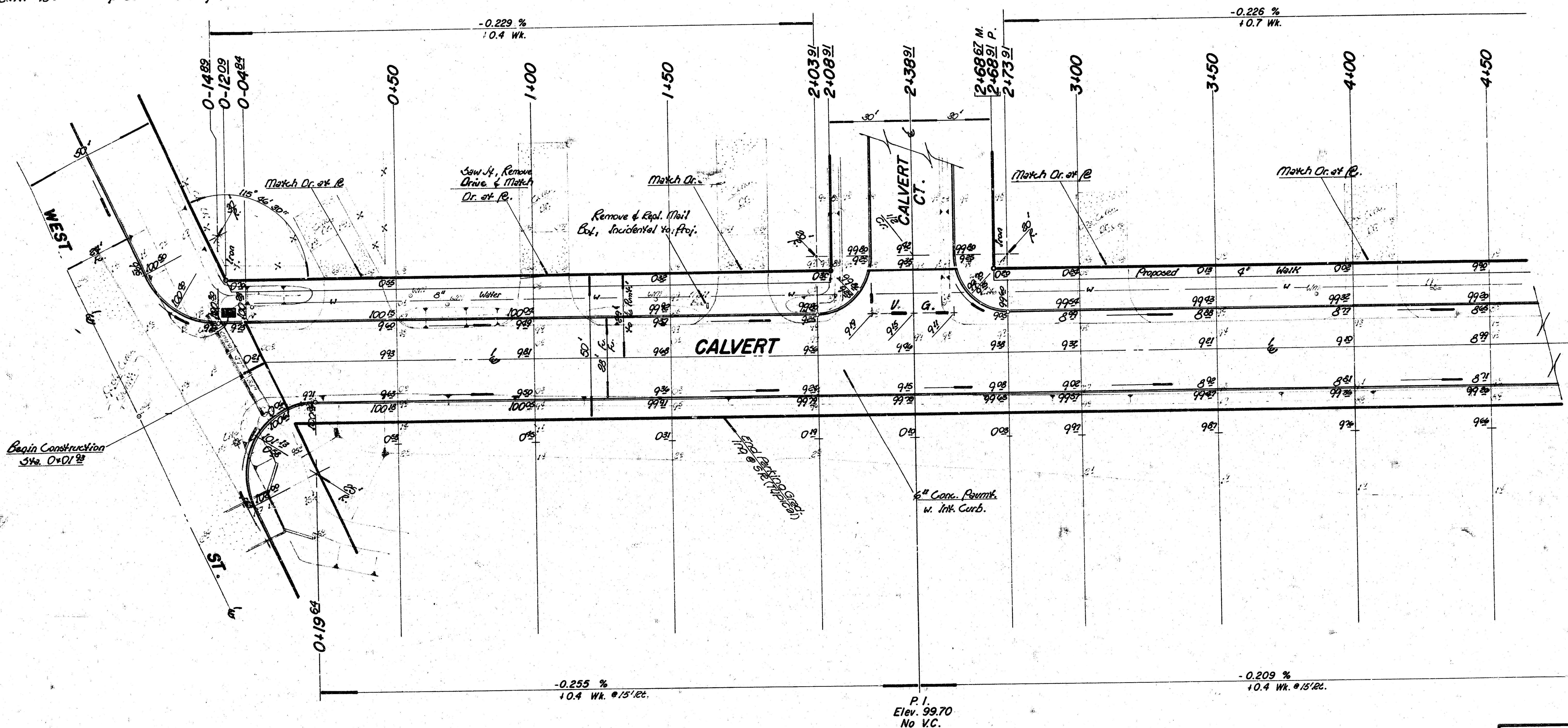
EXPANSION JOINT DETAIL



CITY OF WICHITA, KANSAS
 DEPARTMENT OF PUBLIC WORKS-ENGINEERING DIVISION
 CITY ENGINEER
 R.W. LINN
 DATE: PROJECT NO.—DAKS 577105 1/8

B.M. 100' 1/2" N.W. Cor. E. Howell to RBC N. of 31st St. S. of West St.
 B.M. 102' 1/2" S.W. Cor. Conc. Porch & 39th Calvert.
 B.M. 98' 1/2" 1st Top Ch. 2nd N. of N. End Return W. Side McComas & Calvert.
 B.M. 97' 1/2" 1st Top Ch. & N. End Return W. Side Kessler & Calvert.
 B.M. 96' 1/2" 1st Top Ch. W. End of Rad. S.W. Cor. Leonine & 33rd St. So.

Baseline is 25' S. of & parallel to N.E. Calvert.



Note:

Contractor to take files and shall replace any irons either moved or destroyed during construction.
 Pavement construction shall be co-ordinated with storm water sewer construction.
 Construction shall allow for no more than 6-20' Drives.
 Mail boxes removed & replaced shall be considered as incidental to the project.

Earthwork

Property	Excavation	Comp. Fill
	7942 cy	293 cy
	+ 10% = 7942 cy	+ 10% = 293 cy
Total	8736 cy	322 cy
Manipulation	21542 cy.	

Quantities

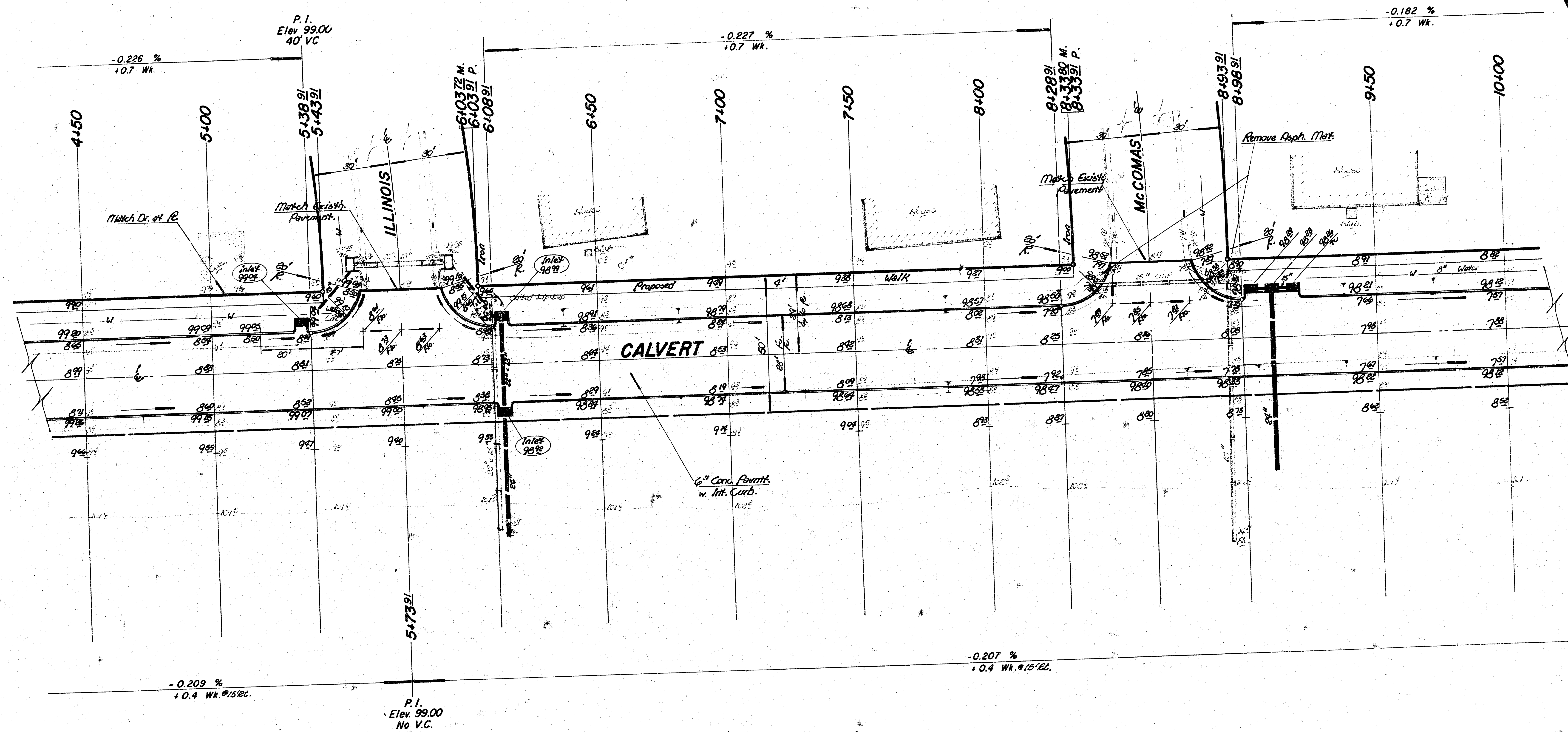
Quantity	Excavation	Comp. Fill
	12282 cy.	11 cy
	+ 10% = 12282 cy.	+ 10% = 11 cy
Total	13500 cy.	11 cy
Manipulation	32452 cy.	

CALVERT

E.L. West St. to E.L. Knight St.
 29' B.B. 6" Conc. Pavmt. w. Integral Curb
 City of Wichita, KS.

R. W. Linn City Engineer
 Project No. DAKS 577105
 472 76 245 80596 000 000 001
 Date: 2/8

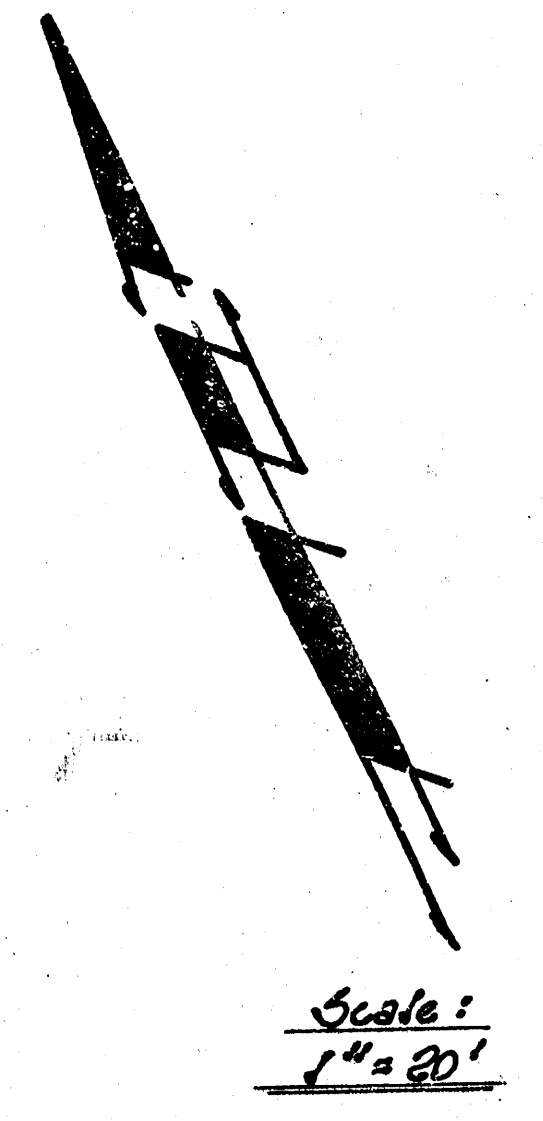
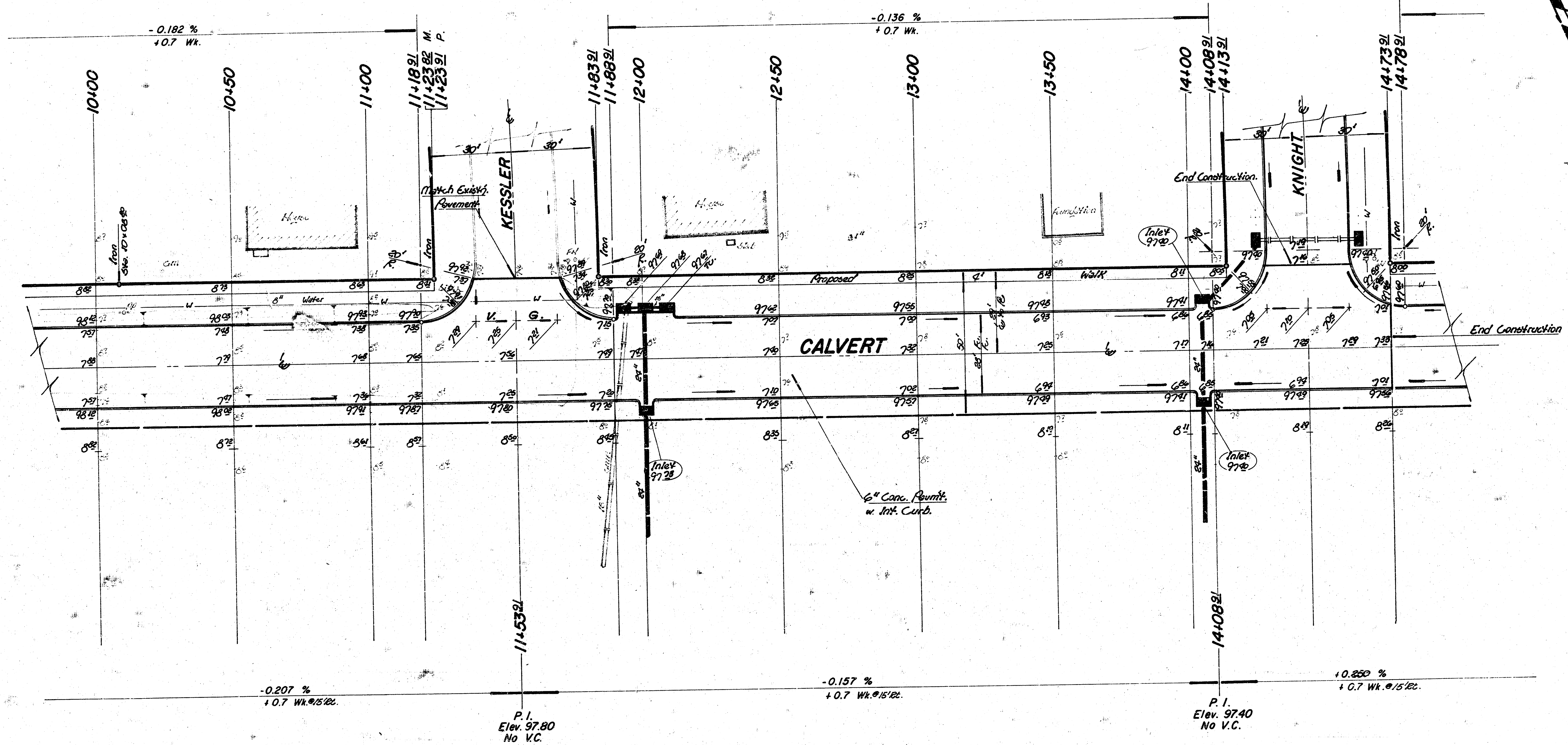
FILMED FROM THE BEST
 AVAILABLE COPY



CALVERT

3/8

FILMED FROM THE REST AVAILABLE COPY



CALVERT

4/8

FILMED FROM THE BEST AVAILABLE COPY

PLAN
 3/78
 HEERY
 CONSULTING ENGINEERS
 1400 E. 10th St.
 Topeka, KS 66604

PROFILE
 3/78
 HEERY
 CONSULTING ENGINEERS
 1400 E. 10th St.
 Topeka, KS 66604

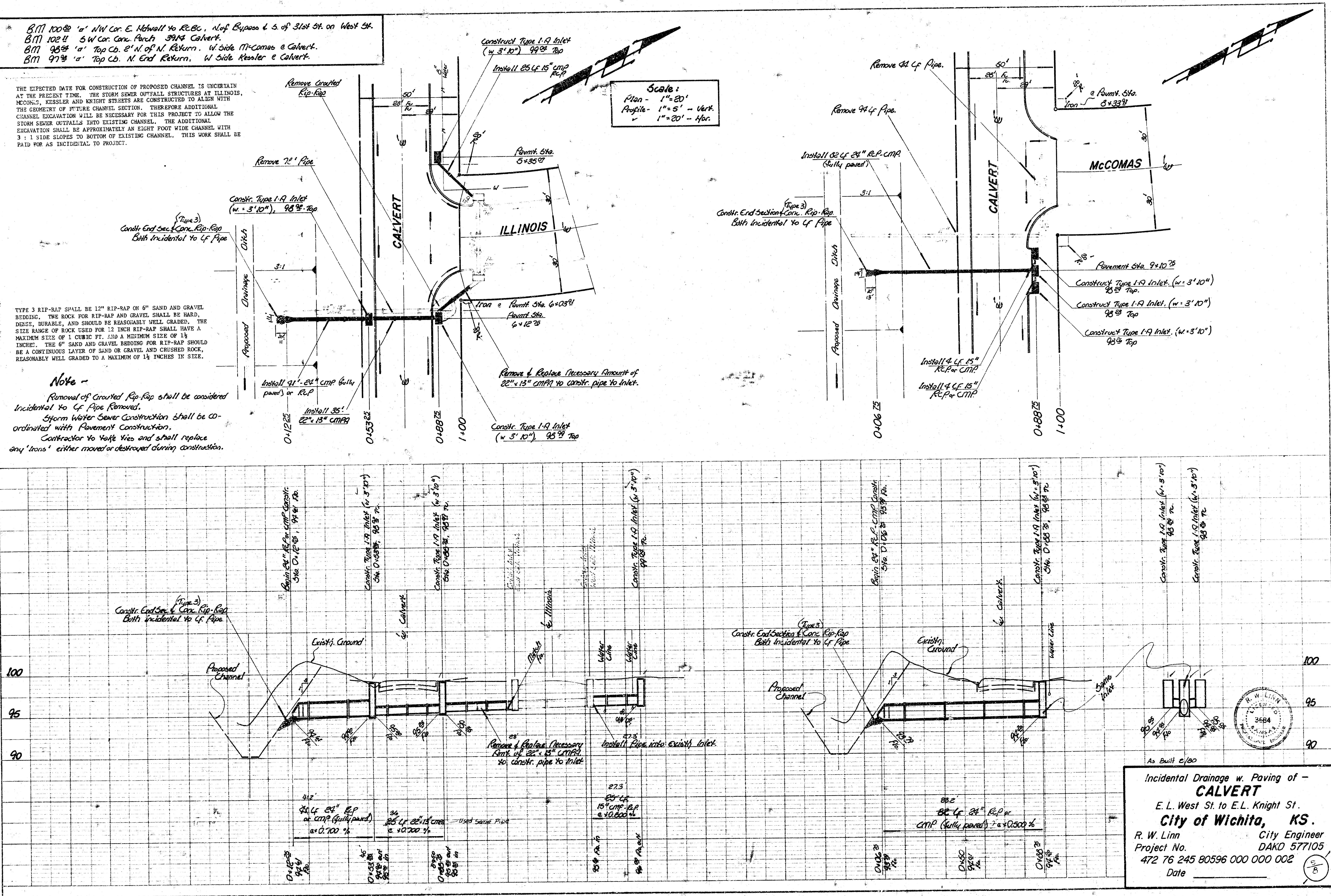
B.M. 100.82 'a' NW Cor. E. Howell to R.C.B., N of Bypass & S of 31st St. on West St.
 B.M. 102.44 'a' SW Cor. Conc. Pave. 39th Calvert.
 B.M. 98.88 'a' Top Cb. 2' N. of N. Return, W Side McComas & Calvert.
 B.M. 97.78 'a' Top Cb. N. End Return, W Side Resoler & Calvert.

THE EXPECTED DATE FOR CONSTRUCTION OF PROPOSED CHANNEL IS UNCERTAIN AT THE PRESENT TIME. THE STORM SEWER OUTFALL STRUCTURES AT ILLINOIS, MCCOMAS, KESSLER AND KNIGHT STREETS ARE CONSTRUCTED TO ALIGN WITH THE GEOMETRY OF FUTURE CHANNEL SECTION. THEREFORE ADDITIONAL CHANNEL EXCAVATION WILL BE NECESSARY FOR THIS PROJECT TO ALLOW THE STORM SEWER OUTFALLS INTO EXISTING CHANNEL. THE ADDITIONAL EXCAVATION SHALL BE APPROXIMATELY AN EIGHT FOOT WIDE CHANNEL WITH 3:1 SIDE SLOPES TO BOTTOM OF EXISTING CHANNEL. THIS WORK SHALL BE PAID FOR AS INCIDENTAL TO PROJECT.

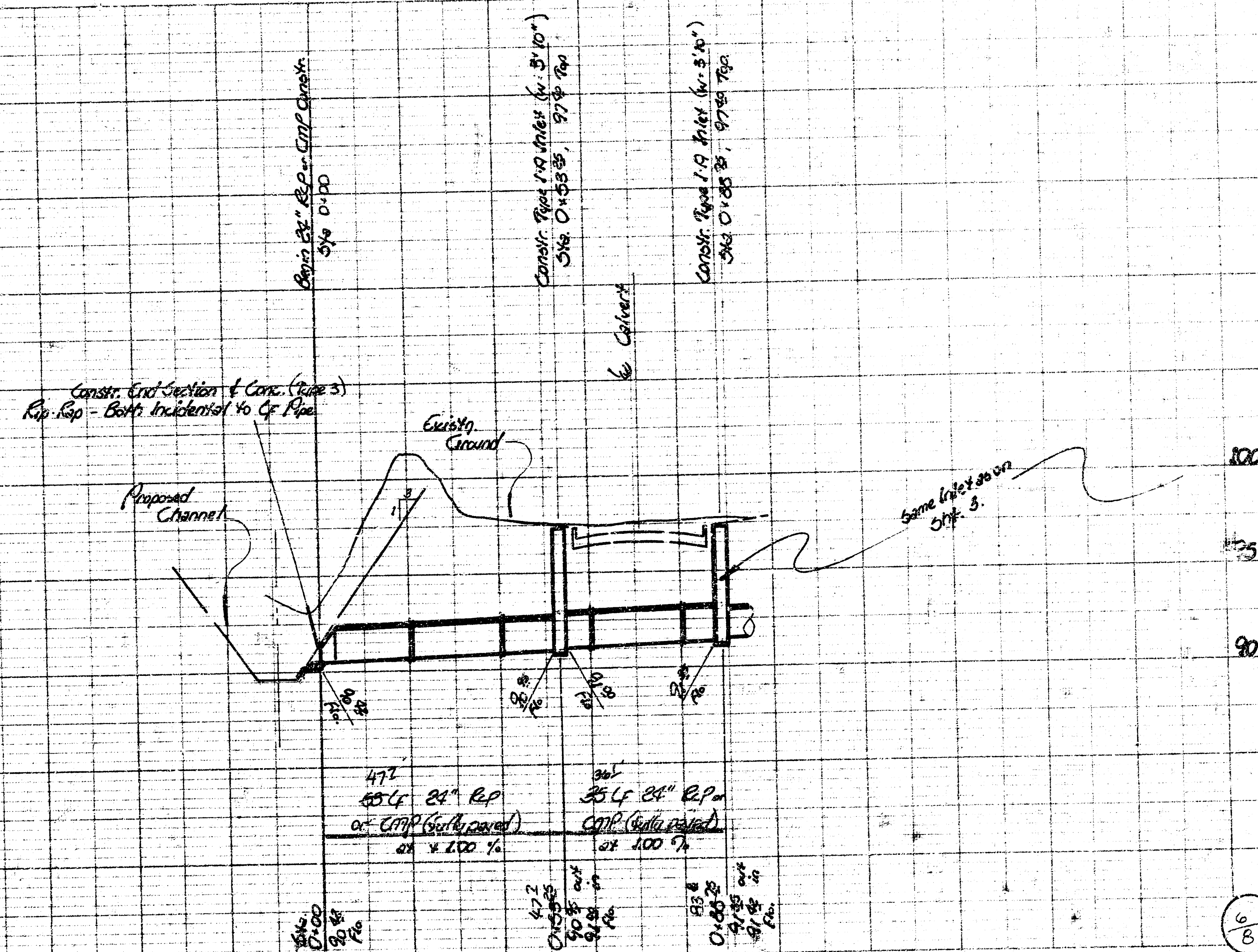
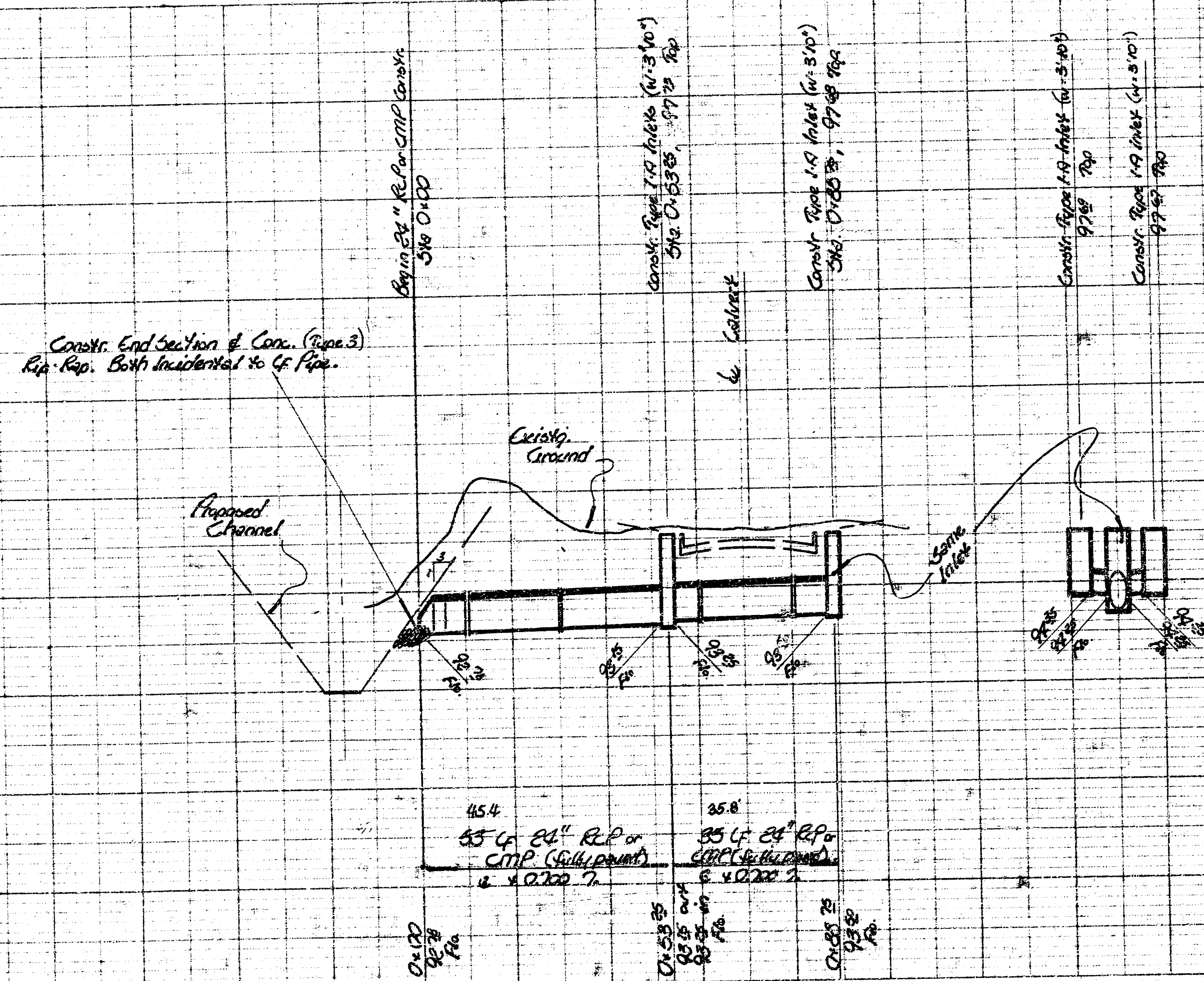
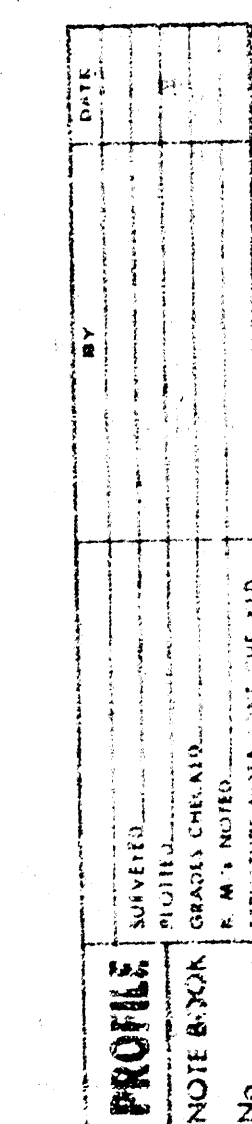
TYPE 3 RIP-RAP SHALL BE 12" RIP-RAP ON 6" SAND AND GRAVEL BEDDING. THE ROCK FOR RIP-RAP AND GRAVEL SHALL BE HARD, DENSE, DURABLE, AND SHOULD BE REASONABLY WELL GRADED. THE SIZE RANGE OF ROCK USED FOR 12 INCH RIP-RAP SHALL HAVE A MAXIMUM SIZE OF 1 CUBIC FT. AND A MINIMUM SIZE OF 1 1/2 INCHES. THE 6" SAND AND GRAVEL BEDDING FOR RIP-RAP SHOULD BE A CONTINUOUS LAYER OF SAND OR GRAVEL AND CRUSHED ROCK, REASONABLY WELL GRADED TO A MAXIMUM OF 1 1/2 INCHES IN SIZE.

Note -
 Removal of Grouted Rip-Rap shall be considered incidental to 4" Pipe Removal.
 Storm Water Sewer Construction shall be coordinated with Pavement Construction.
 Contractor to take care and shall replace any 'trees' either moved or destroyed during construction.

Scale:
 Plan - 1" = 20'
 Profile - 1" = 5' - Vert.
 1" = 20' - Hor.



As Built C/B
 Incidental Drainage w. Paving of -
CALVERT
 E.L. West St. to E.L. Knight St.
City of Wichita, KS.
 R. W. Linn City Engineer
 Project No. DAKD 577105
 472 76 245 80596 000 000 002
 Date



Scale :

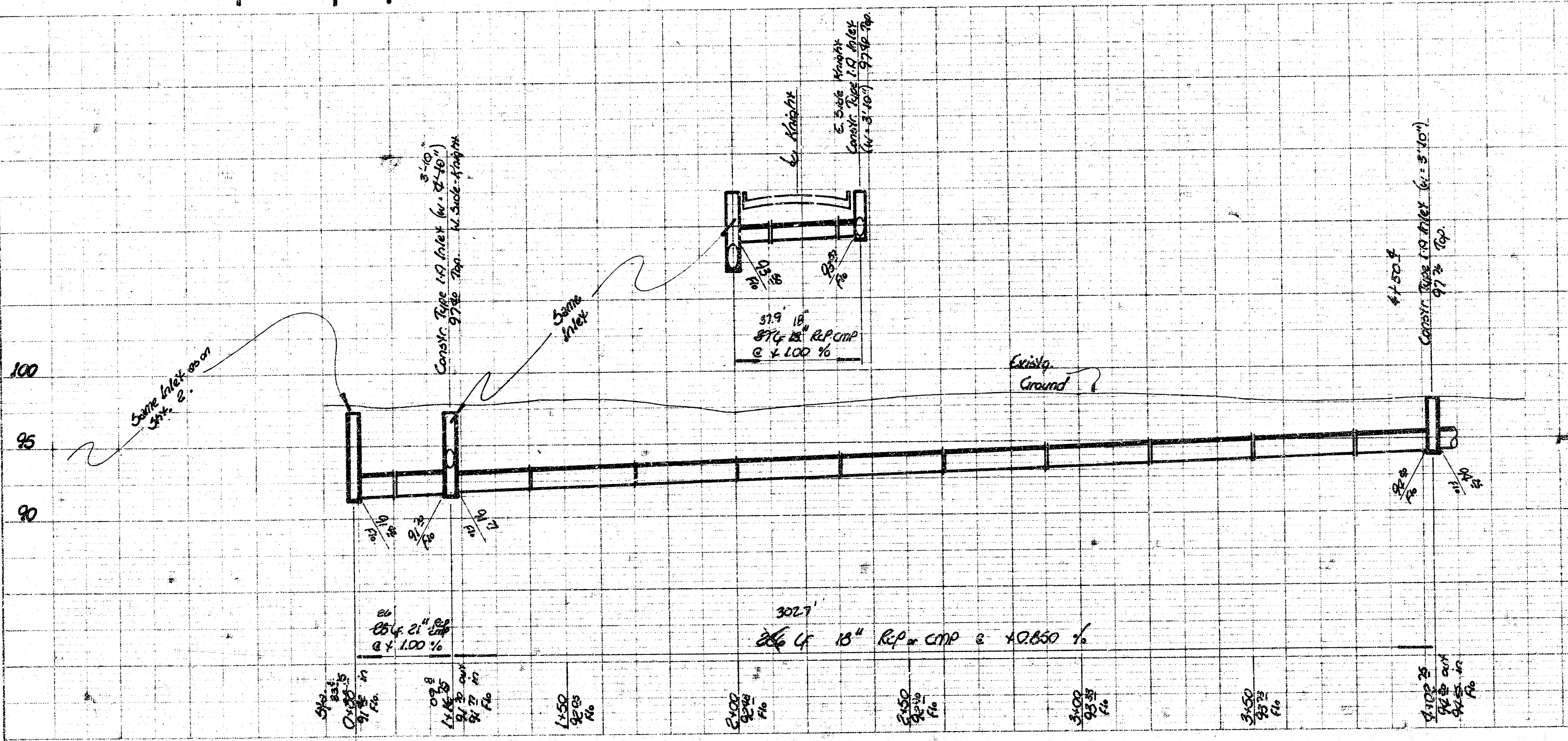
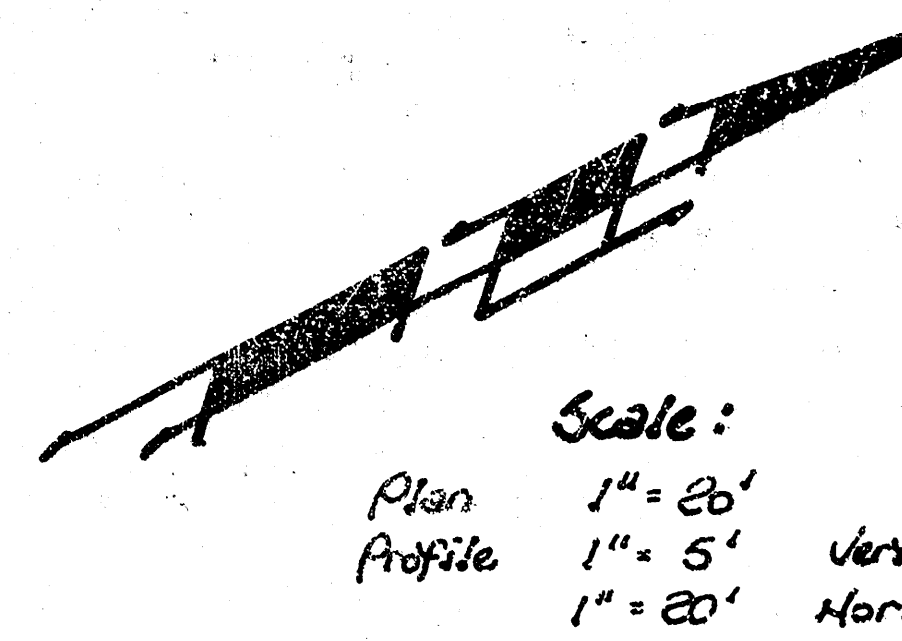
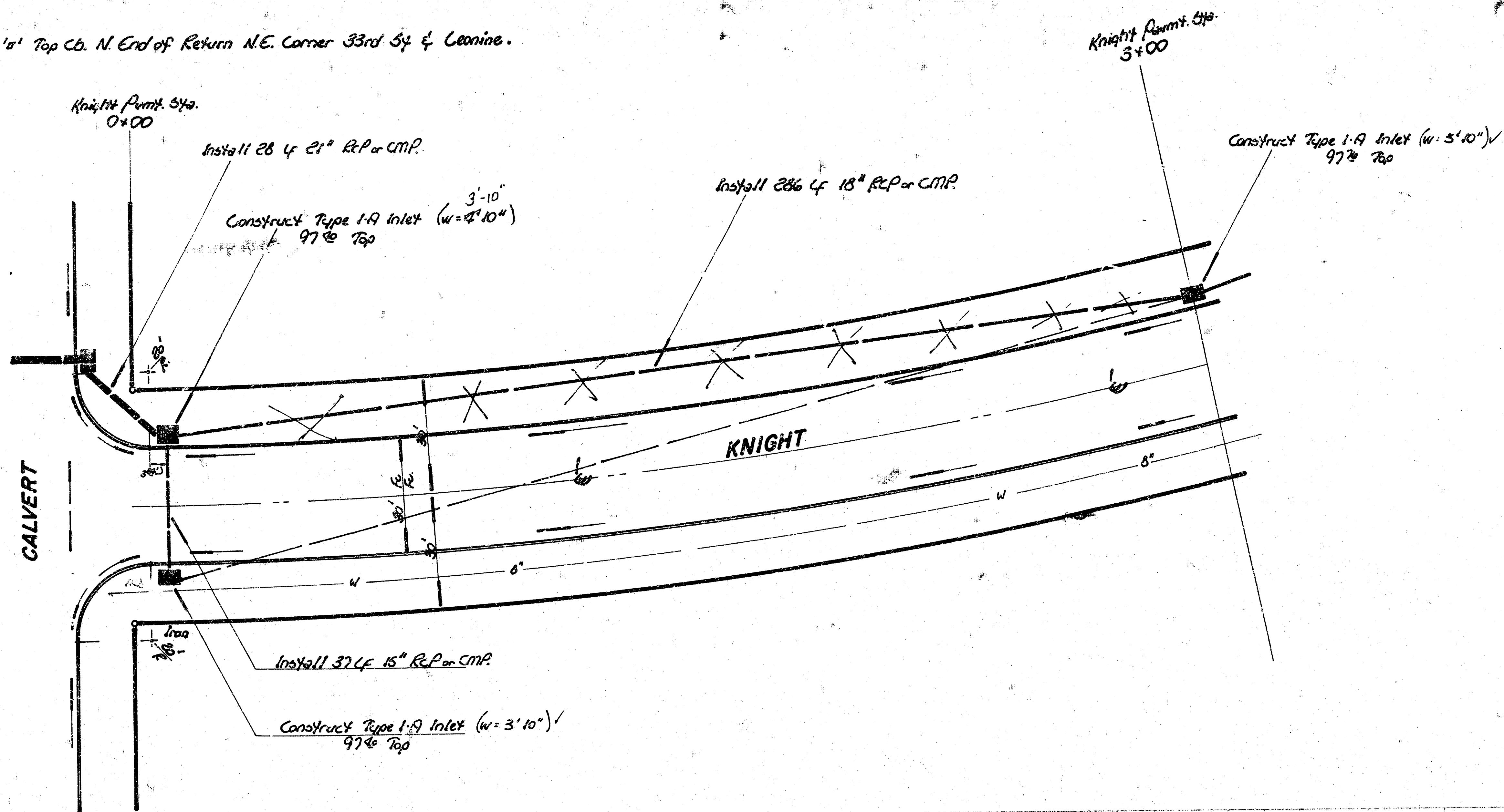
Plan 1" = 20'

Profile 1" = 5'

Vert.

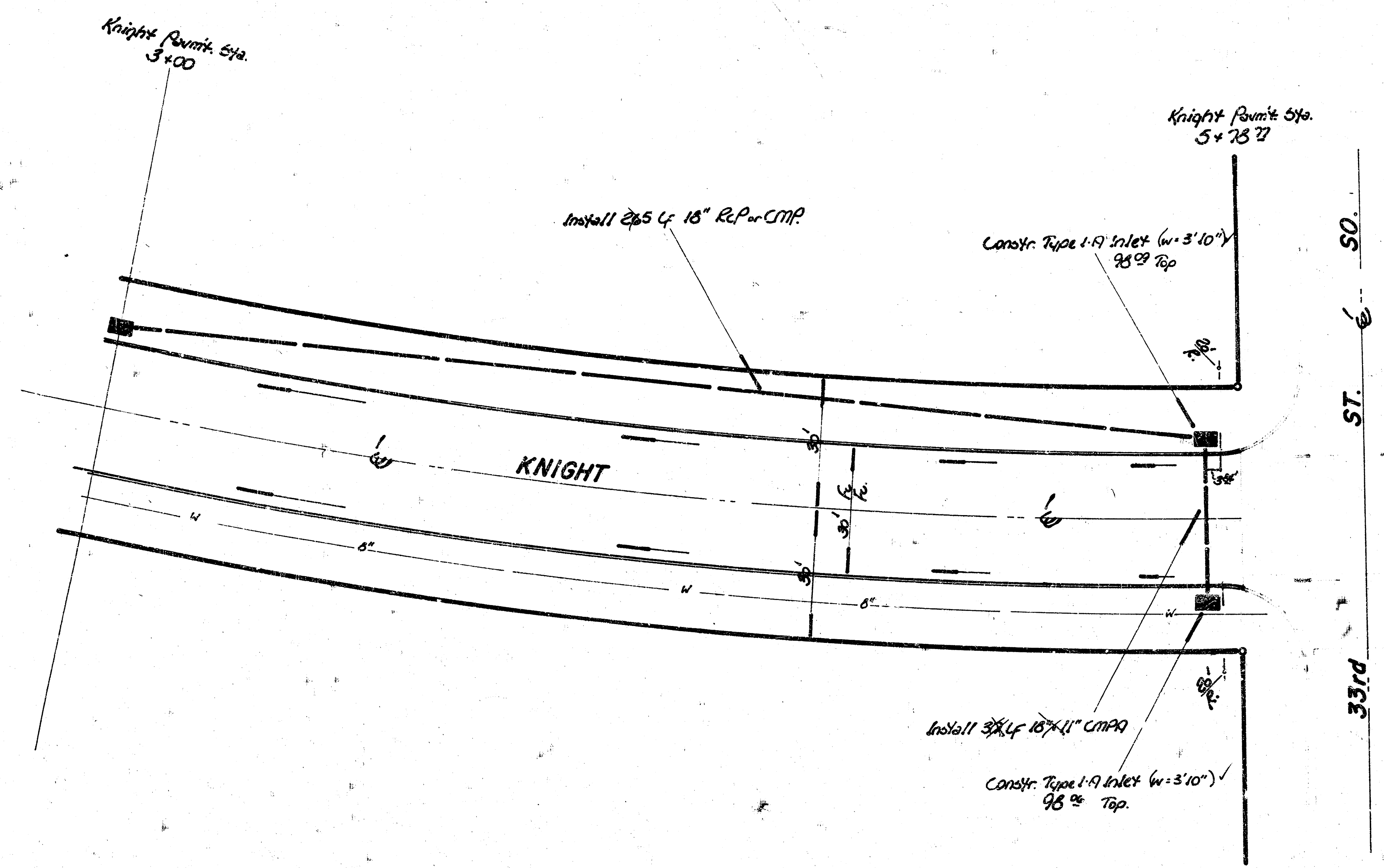
Hor.

B.M. 9851 - 10' Top Ch. N. End of Return N.E. Corner 33rd St & Leaning.



PLAN
SECTION
MET-3

PROFILE
SECTION
MET-3



Scale -
Plan: 1"=20'
Profile: 1"=5' Vert.
1"=20' Hor.

