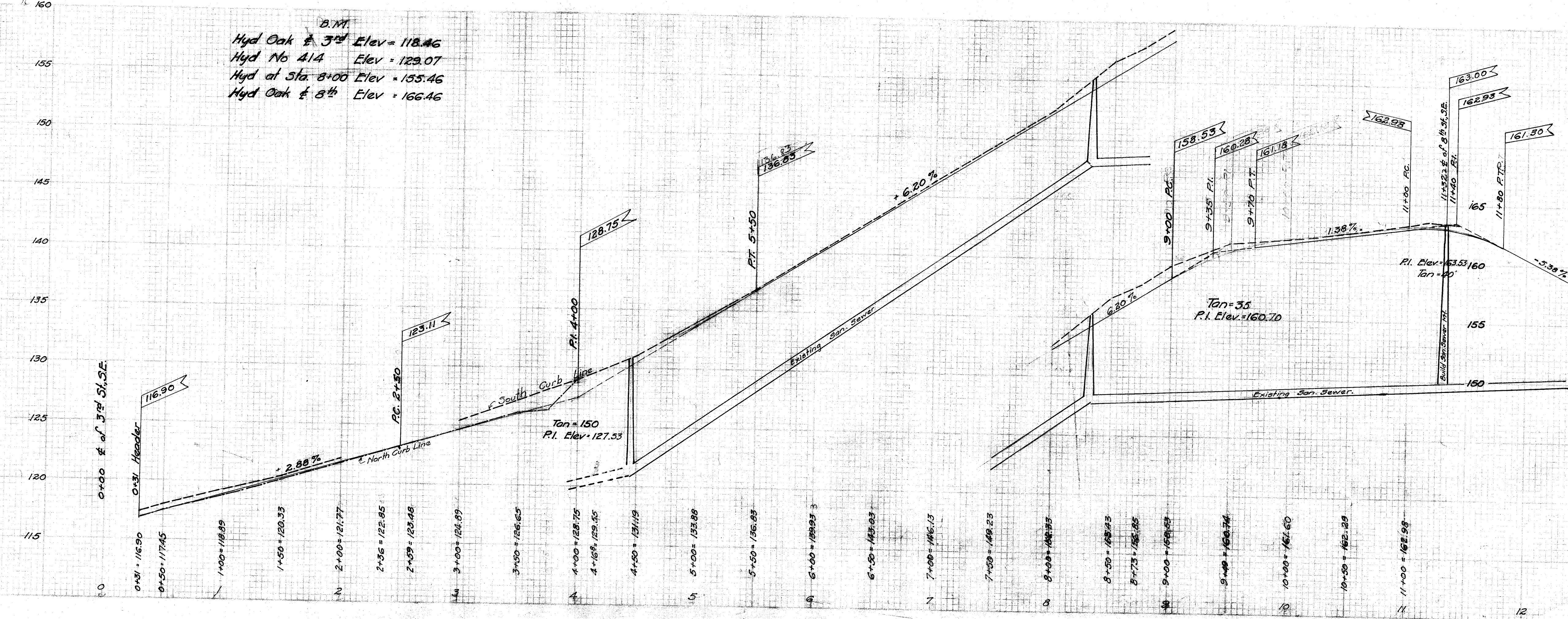
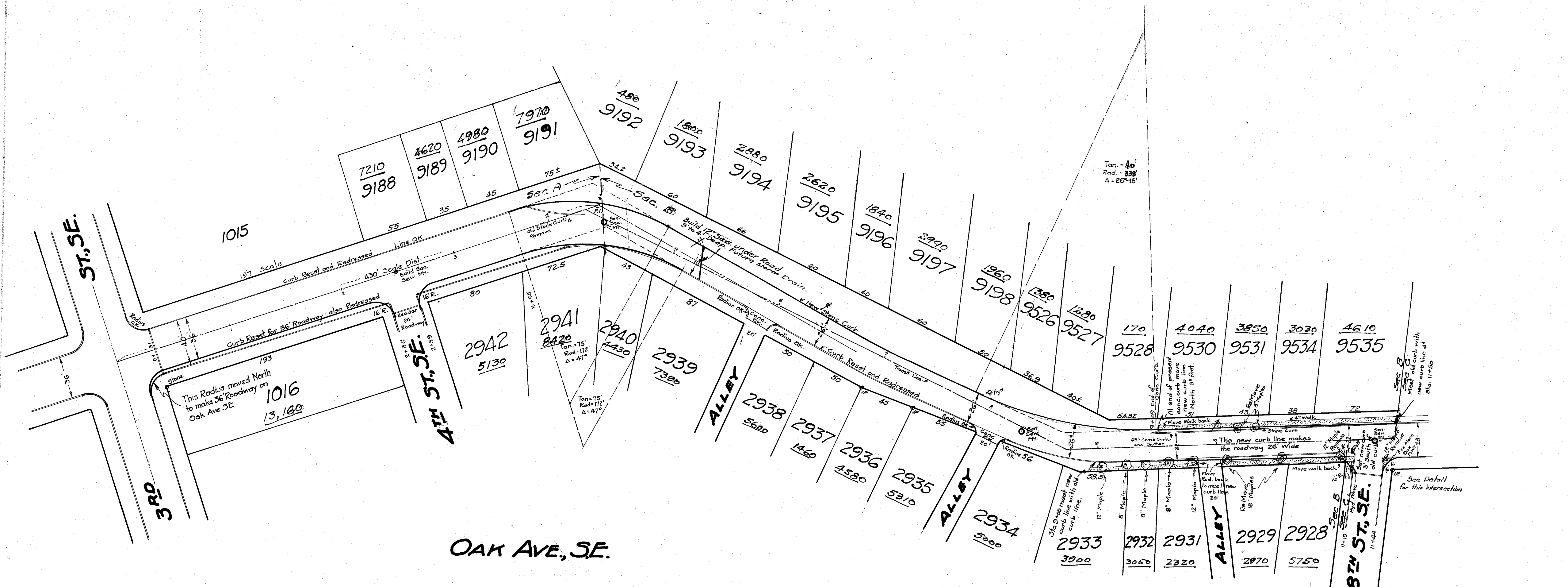


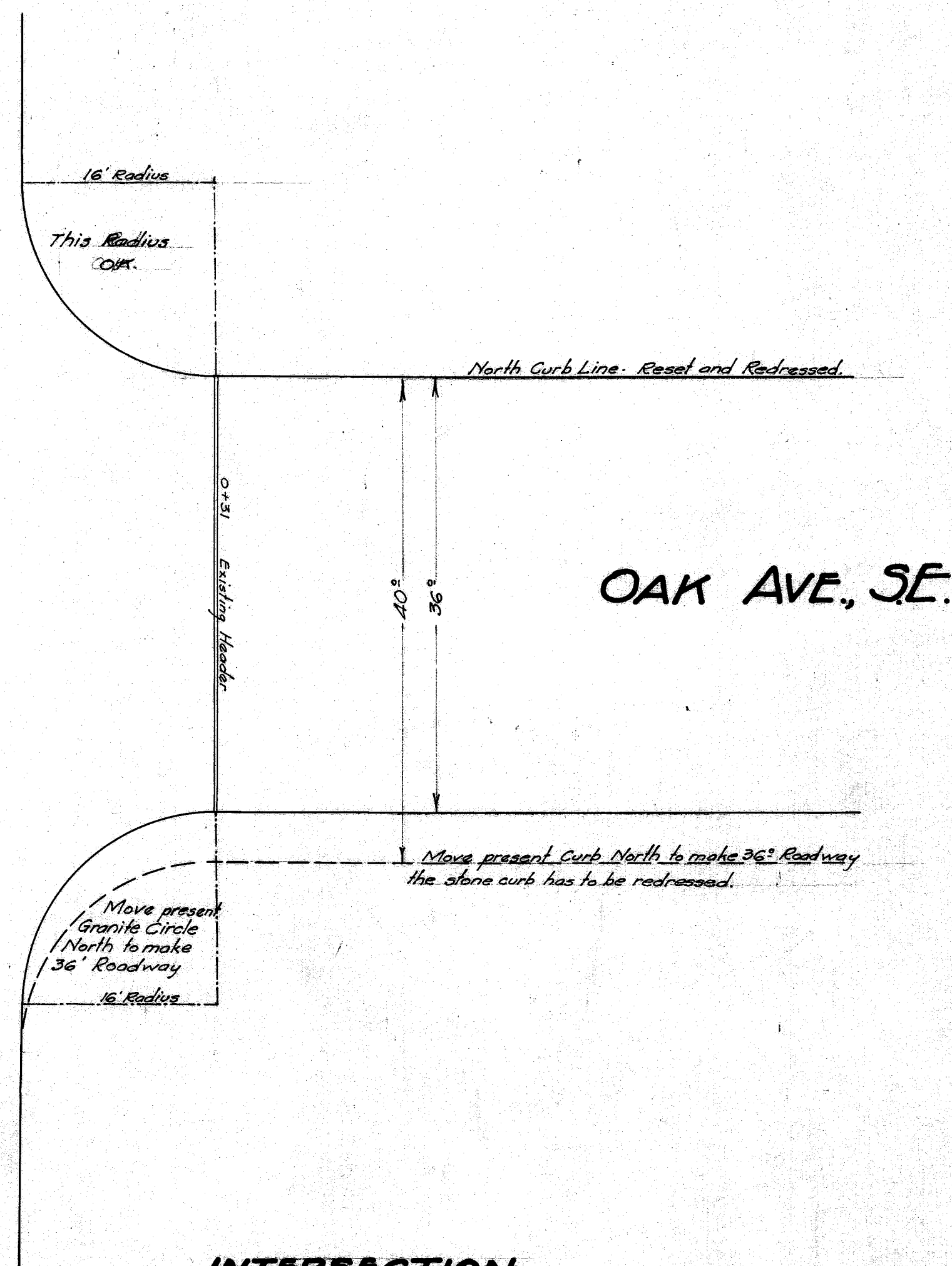
PLAN
 SURVEY
 PLAT 10
 NOTE: ROAD ALIGNMENT CHECKED
 BY: D. W. H. CHECKED

PROFILE
 SURVEY
 PLAT 10
 NOTE: ROAD ALIGNMENT CHECKED
 BY: D. W. H. CHECKED

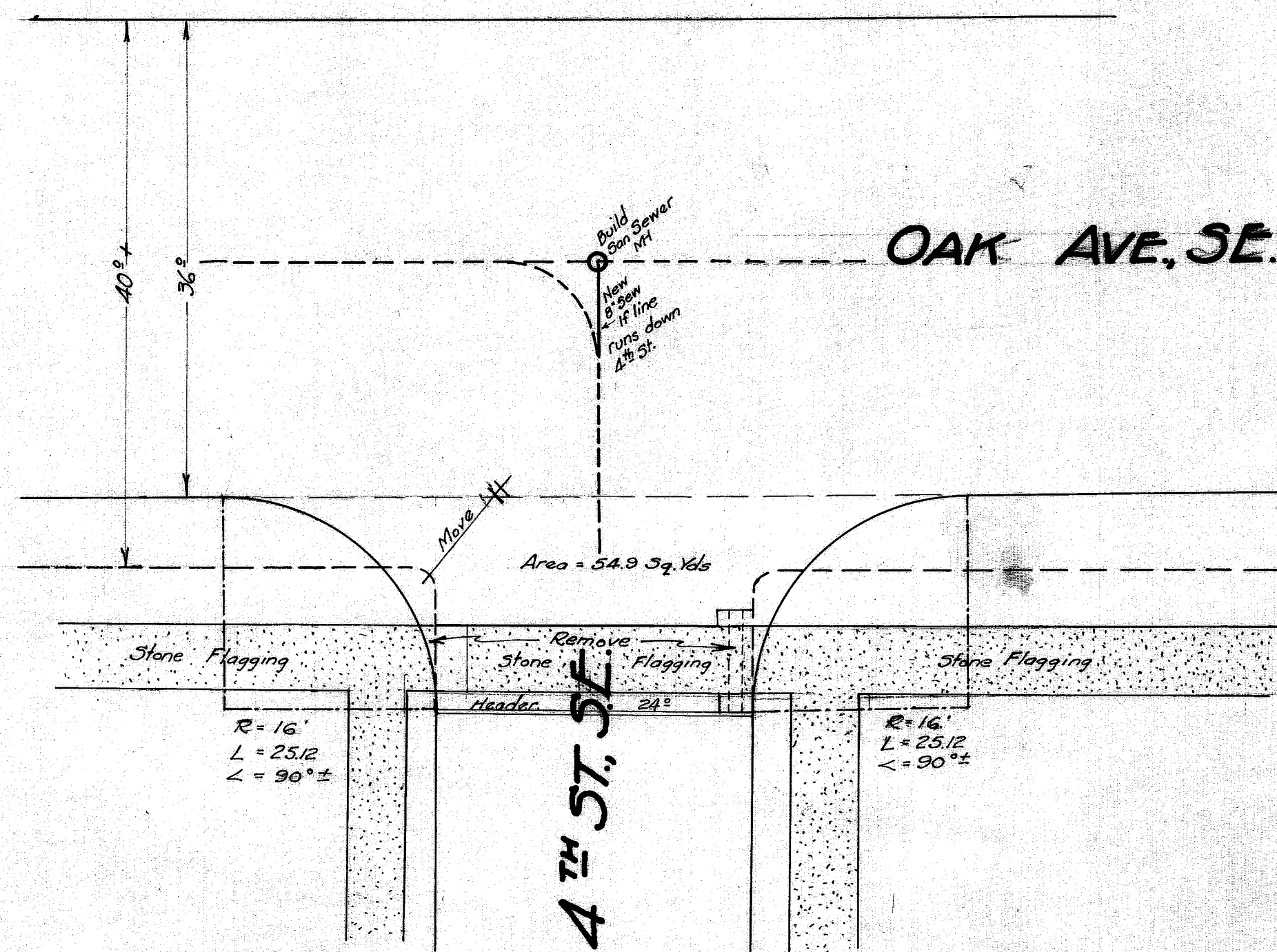


CITY OF MASSILLON, OHIO.	
OAK AVE., SE. PAVING FROM 3RD ST., SE. TO 11TH ST., SE.	
APPROVED:-	DEPT. OF PUBLIC SERVICE ENGINEERING DIVISION
Dr. by, G. C. Wallace Chk. by, _____	CITY ENGINEER Scale 1"=50' Hor. 1"=5' Ver.
FILE No. P 119 Acc. No. 1048	NB.93 P 6/ NB.95 P 4

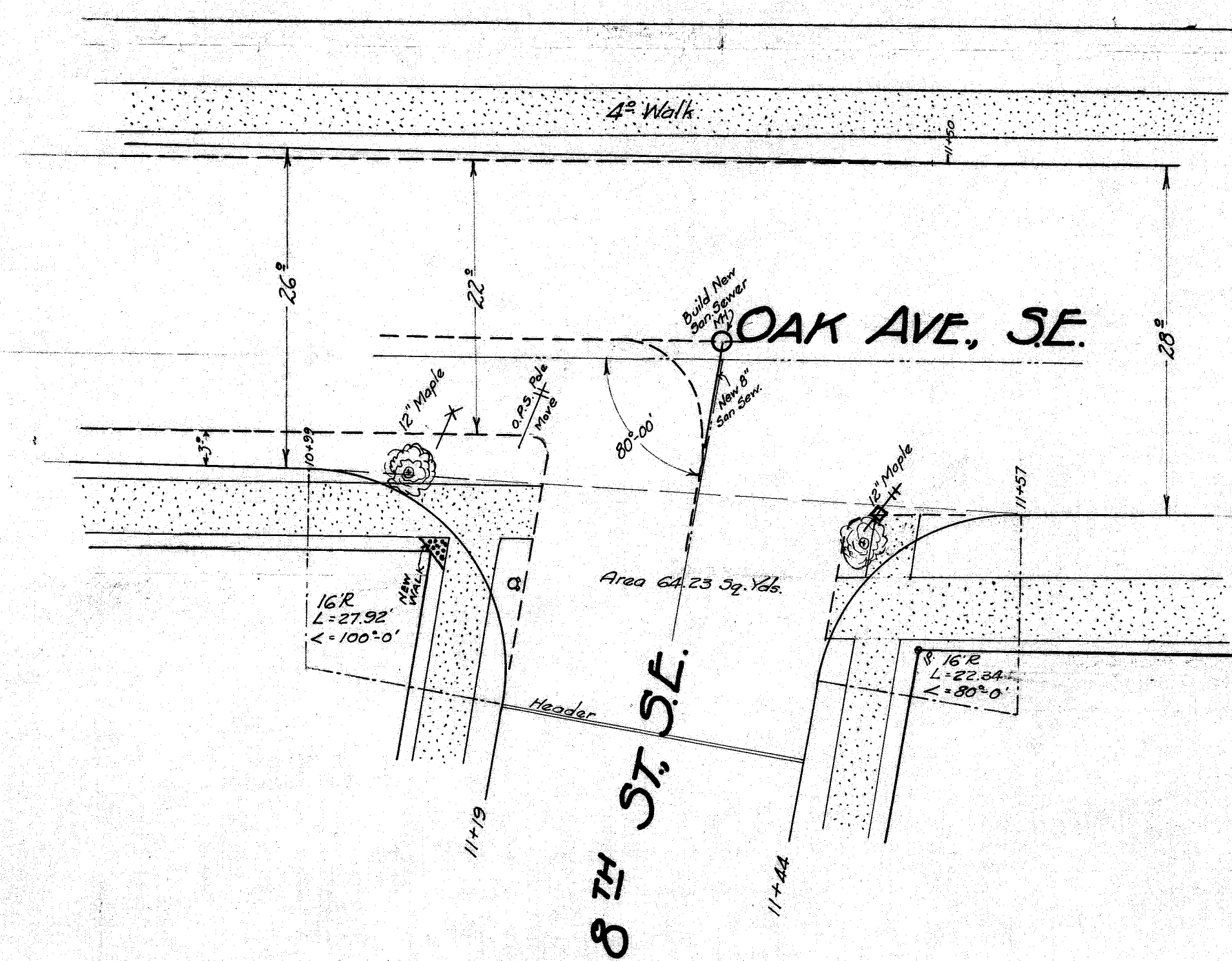
3RD ST. SE.



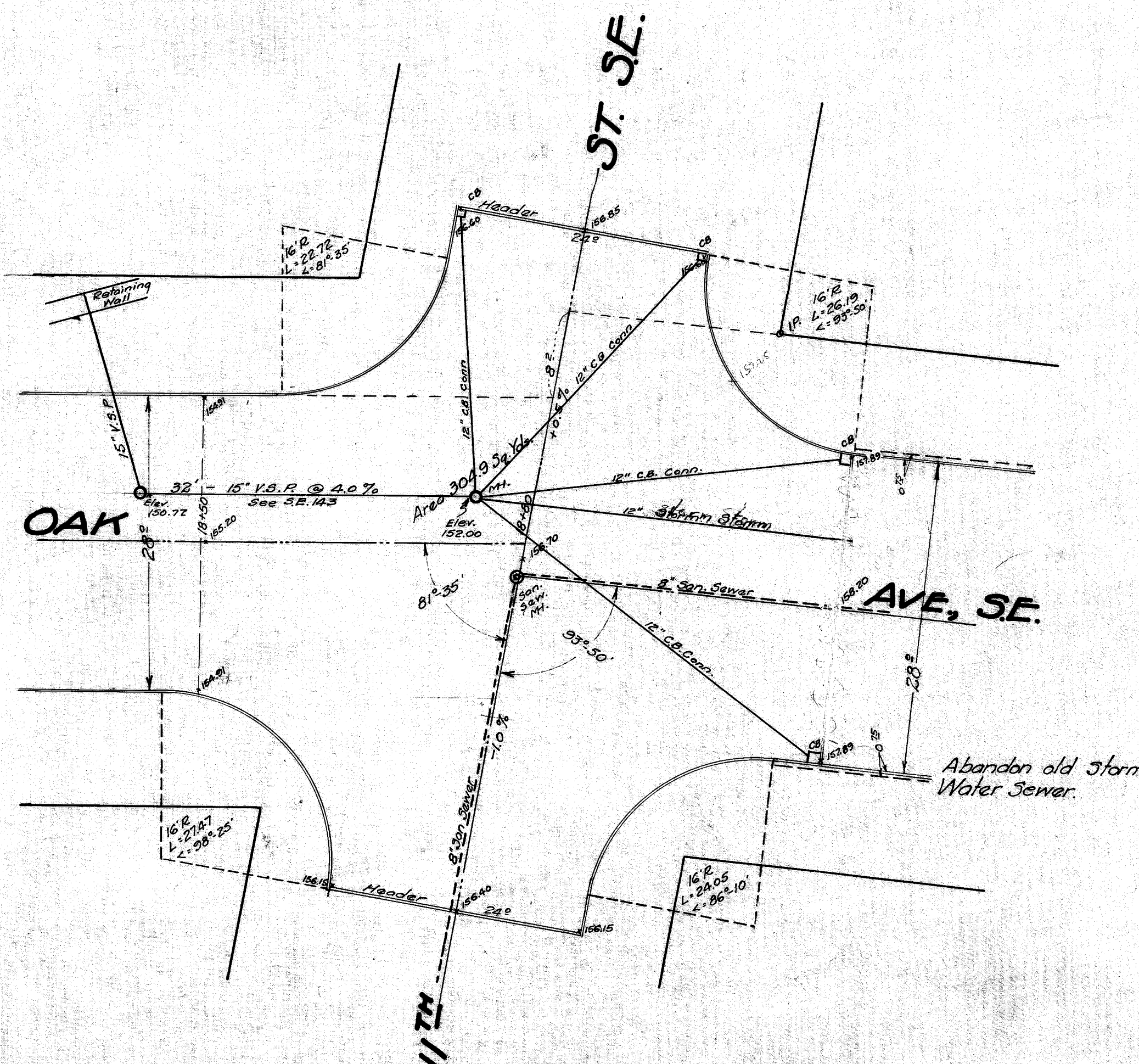
INTERSECTION
3RD ST. SE & OAK AVE. SE



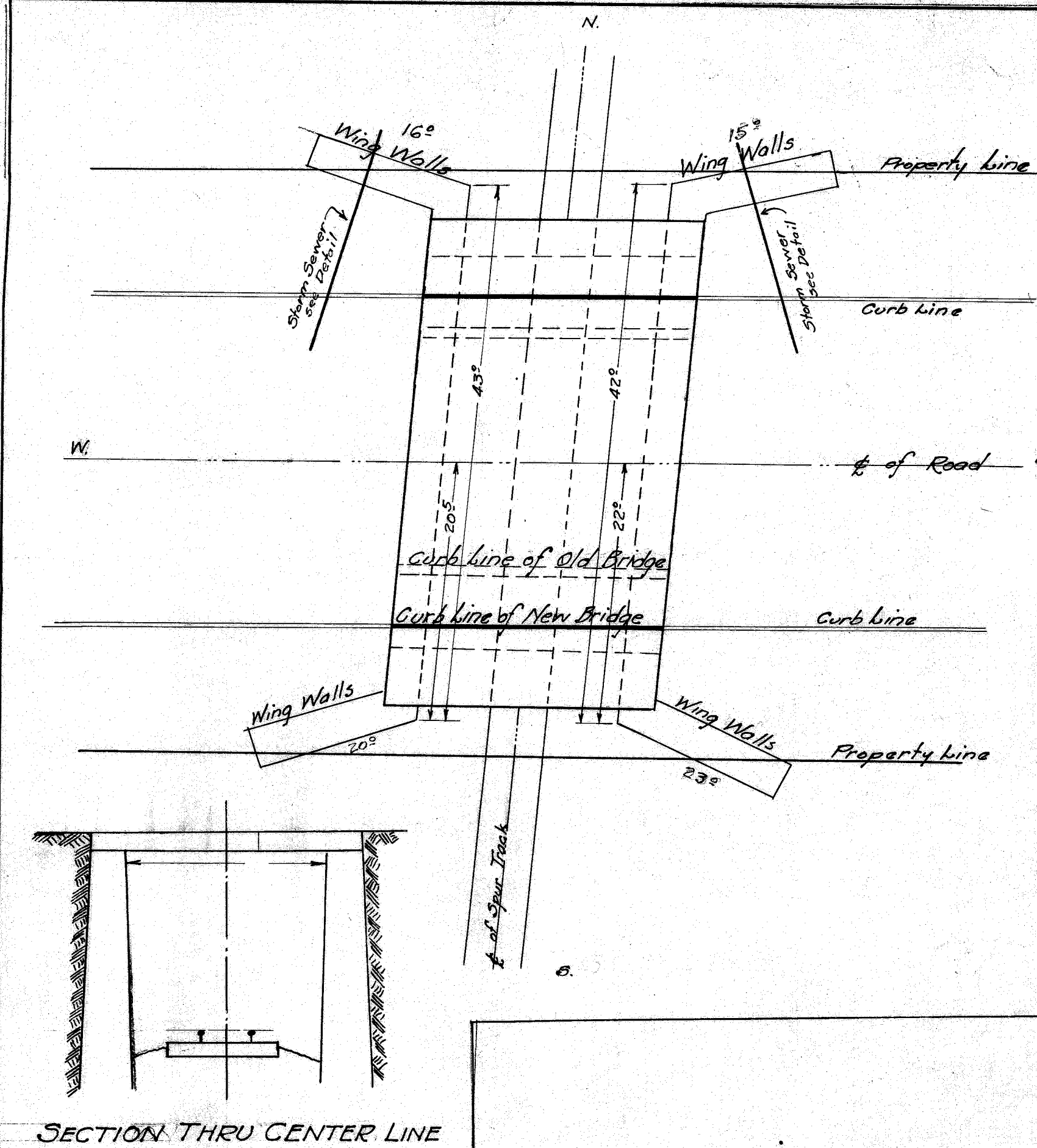
4TH ST. SE



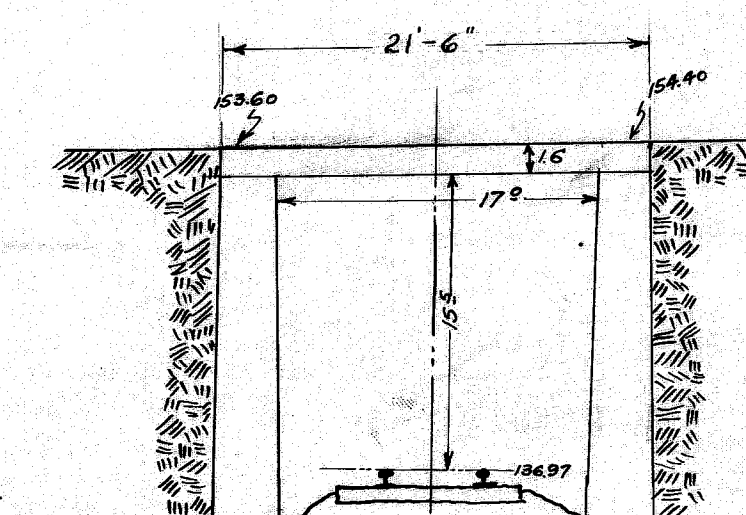
8TH ST. SE.



11TH ST. SE.



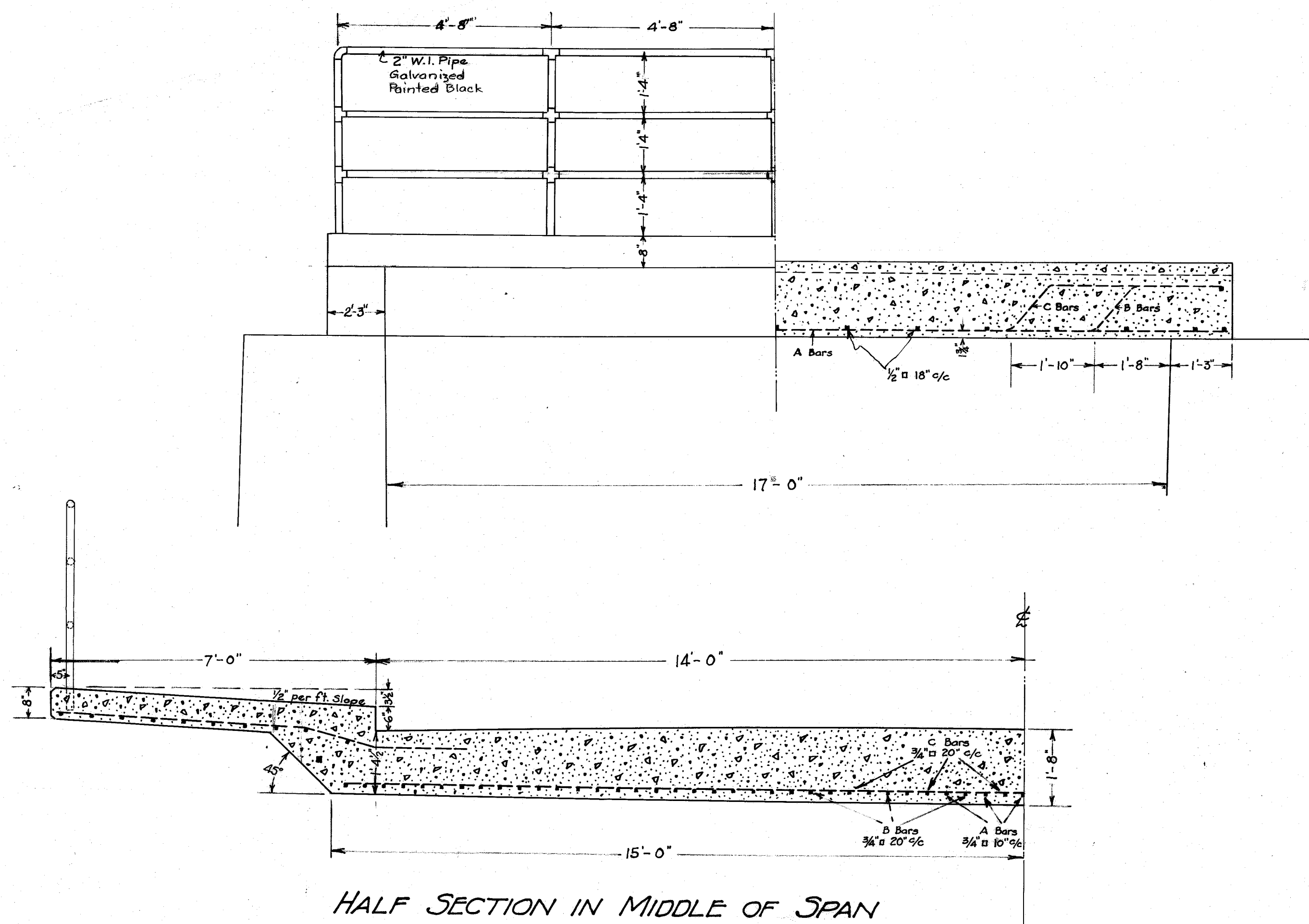
SECTION THRU CENTER LINE



SECTION THRU CENTER LINE.

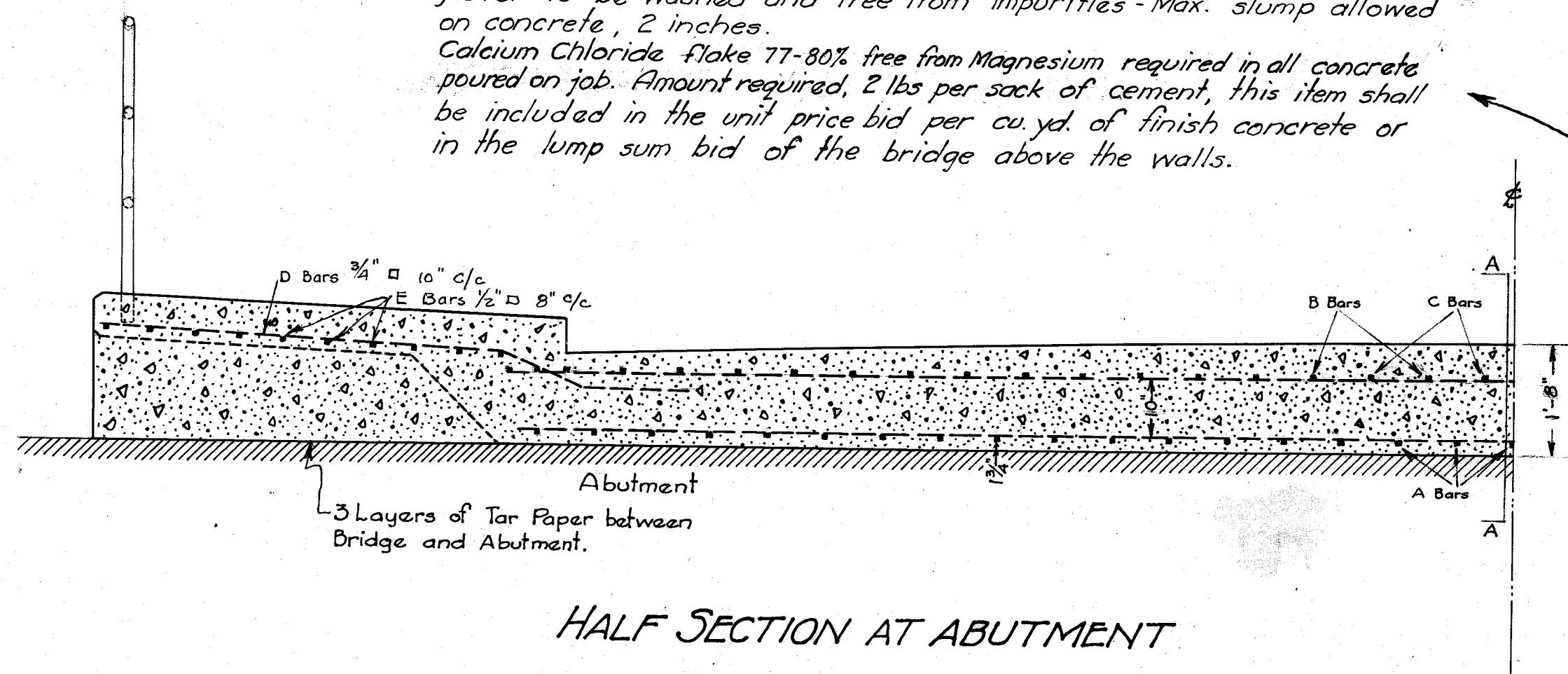
CITY OF MASSILLON, OHIO			
OAK AVE SE PAVING FROM 3 RD ST. SE TO 11 TH ST. SE - DETAIL SHEET -			
APPROVED:		DEPT. OF PUBLIC SERVICE	
CITY ENGINEER		ENGINEERING DIVISION	
Dr. by: Geo. C. Wallace	Scale 1" = 10'		

DESIGN FOR REINFORCED CONCRETE BRIDGE



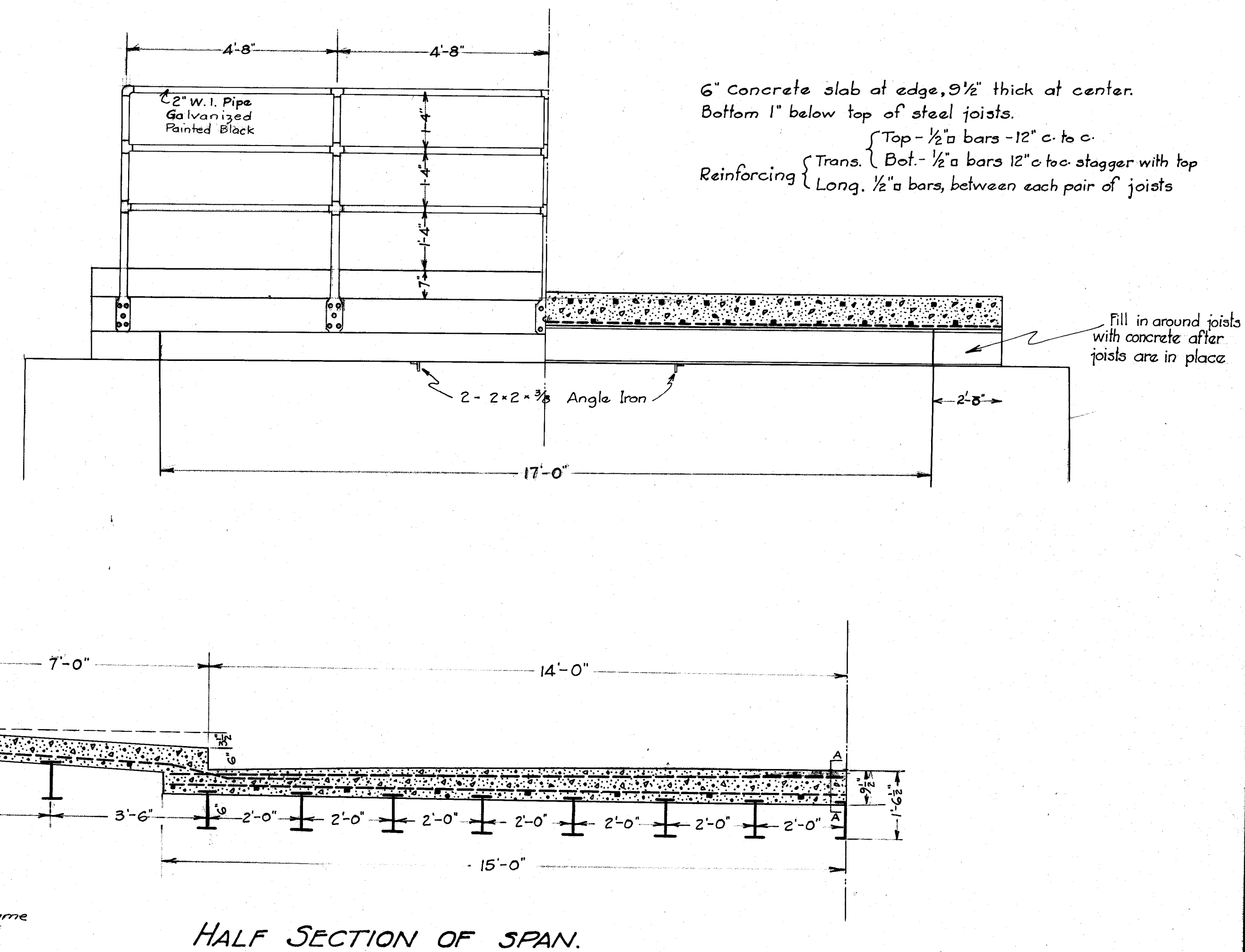
HALF SECTION IN MIDDLE OF SPAN

Concrete: 7 sack of cement to cu.yd of finish work, sand and gravel to be washed and free from impurities - Max. slump allowed on concrete, 2 inches.
Calcium Chloride flake 77-80% free from Magnesium required in all concrete poured on job. Amount required, 2 lbs per sack of cement, this item shall be included in the unit price bid per cu.yd. of finish concrete or in the lump sum bid of the bridge above the walls.



HALF SECTION AT ABUTMENT

DESIGN FOR I-BEAM BRIDGE.

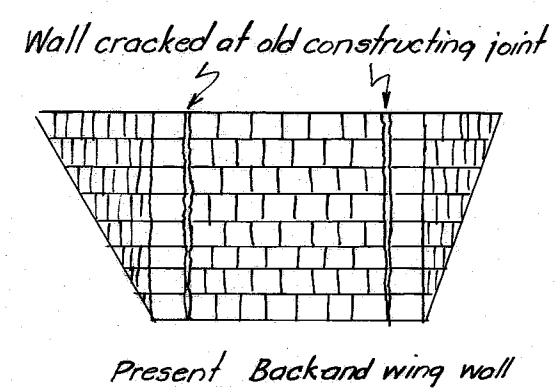


HALF SECTION OF SPAN.

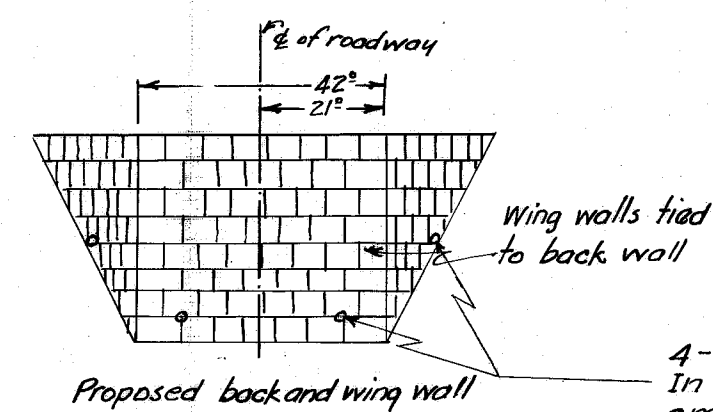
DETAIL OF ABUTMENT.

Existing stone in present abutments to be relaid at direction of City Engineer and price per cu.yd. shall include all labor, and material in relaying walls, and shall also include all excavation, backfill, and footers. The present face of wall is OK. for rebuilt wall, Joints will have to be square. Rebuilt wingwalls to be relaid and tied into present backwall - Concrete to replace the additional width required on new bridge, One wing wall to be built solid with stone, concrete to be put on other wall.

Concrete: Same ~~###~~

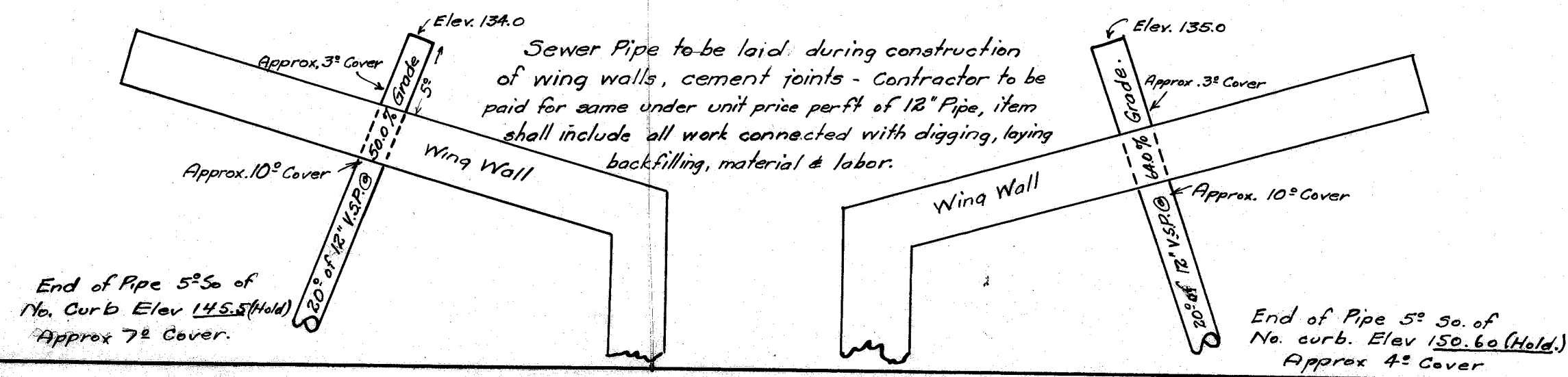


Present Back and wing well



Proposed back and wing wall

4-4" Drain Tile to be placed thru walls as shown. In backfilling, the ends of these drains are to be amply protected with cobblestones to insure permanent drainage. Cost of these drains to be included in the unit bid on masonry and concrete for these abutments.



BILL OF MATERIAL

17 - I-Beams	10" x 25" - 21'-6" Lg.	Joists
2 - Channels	10" x 21.8" - 21'-6" Lg.	"
2 - Angles	2" x 2" x 1/2" - 20'-4" Lg.	Equalizer
43 - Rein. Bars	1/2" Ø Def. 29'-8" long	Trans. Reinforcing
32 - Rein. Bars	1/2" Ø Def. 9'-0" long	Trans. Rein. under walks
20 - Rein. Bars	1/2" Ø Def. 21'-2" long	Long. Reinforcing

NOTE:
Old bridge to be removed by Contractor.
No extra compensation by City for same.

CITY OF MASSILLON, OHIO.

**OAK AVE SE PAVING
DETAIL OF BRIDGE CONSTRUCTION**

APPROVED		DEPT. OF PUBLIC SERVICE ENGINEERING DIVISION	
CITY ENGINEER			
Dr by G.C. Wallace ck by <i>Jame</i>	Scale 1" = 2'	Dec 14 th 1929	FILE No P119 Acc No 1051