

S.W.D. NO. 40

STORM CHANNEL IN WESTPARK ADDITION

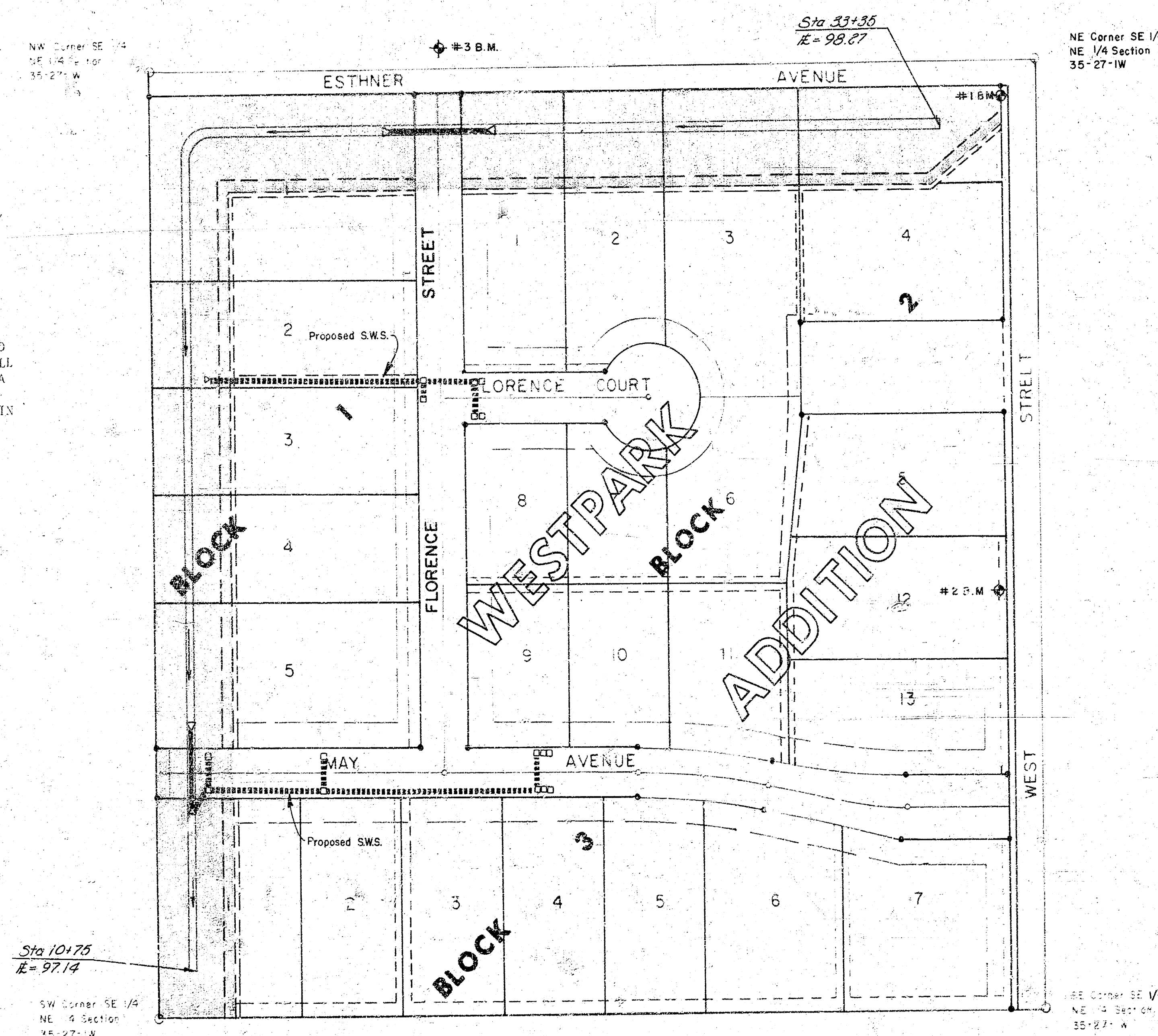
PROJECT NO.

468-76-245-80692-000-000-001

CITY OF WICHITA, KANSAS
DEAN SELLERS
ACTING CITY ENGINEER

GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE WORK WITH PAVING AND SANITARY CONTRACTORS AND CONTACT RELEVANT UTILITY COMPANIES AND OTHER AGENCIES INVOLVED WITH THIS PROJECT SITE DEVELOPMENT.
2. FIELD ENGINEER SHALL TAKE TIES TO ALL IRONS AND THIMBLES IN THE PROJECT AREA BEFORE CONSTRUCTION BEGINS. FIELD ENGINEER SHALL REPLACE ALL SUCH IRONS AND THIMBLES DISTURBED DURING CONSTRUCTION.
3. ALL CONCRETE SHALL BE "6-SACK CONCRETE" UNLESS OTHERWISE NOTED.
4. THE RIPRAP FOR THIS PROJECT SHALL BE TYPE 3. THE TYPE 3 RIPRAP SHALL BE 12" RIPRAP ON 6" SAND AND GRAVEL BEDDING. THE ROCK FOR RIPRAP AND GRAVEL PROTECTION SHALL BE HARD, DENSE, DURABLE, AND SHALL BE REASONABLY WELL GRADED. THE SIZE RANGE OF ROCK USED SHALL BE A MAXIMUM OF ONE CUBIC FOOT AND A MINIMUM OF 1 1/2 INCH. THE 6 INCH SAND AND GRAVEL BEDDING FOR RIPRAP SHALL BE A CONTINUOUS LAYER OF SAND AND GRAVEL OR SAND AND CRUSHED ROCK, REASONABLY WELL GRADED TO A MAXIMUM OF 1 1/2 INCHES IN SIZE.
5. CONTRACTOR SHALL AVOID UNCOVERING EXISTING WATER LINES UNLESS ABSOLUTELY NECESSARY. UNCOVERING SHALL BE DONE ONLY IN THE PRESENCE OF A WATER DEPT. ENGINEER.
6. THE COST ITEM "CLEARING RIGHT OF WAY" INCLUDES THE COST OF REMOVING HEDGES AT THE SOUTH END OF THE CHANNEL.
7. ALL METAL PIPES SHALL BE HELICALLY CORRUGATED PIPE COATED BOTH INSIDE AND OUTSIDE. THE COATING SHALL BE POLYMERIC AS SPECIFIED IN ASHBO CORROSION #46-75, TYPE B. BITUMINOUS COATING SHALL NOT BE USED. ALL CONNECTIONS FOR THESE FULLY PAVED AND FULLY COATED PIPES SHALL BE PAINTED FOR TIGHT CONNECTIONS USING HADDER TYPE COUPLER OR EQUAL.
8. THE EXCESS EXCAVATED MATERIAL SHALL BE DISPOSED OF ON ADJACENT SITE AS DIRECTED BY DEVELOPER, DEVELOPER'S ENGINEER OR CITY ENGINEER.



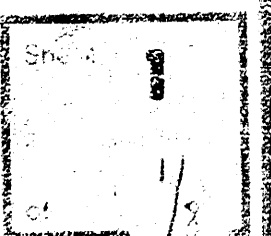
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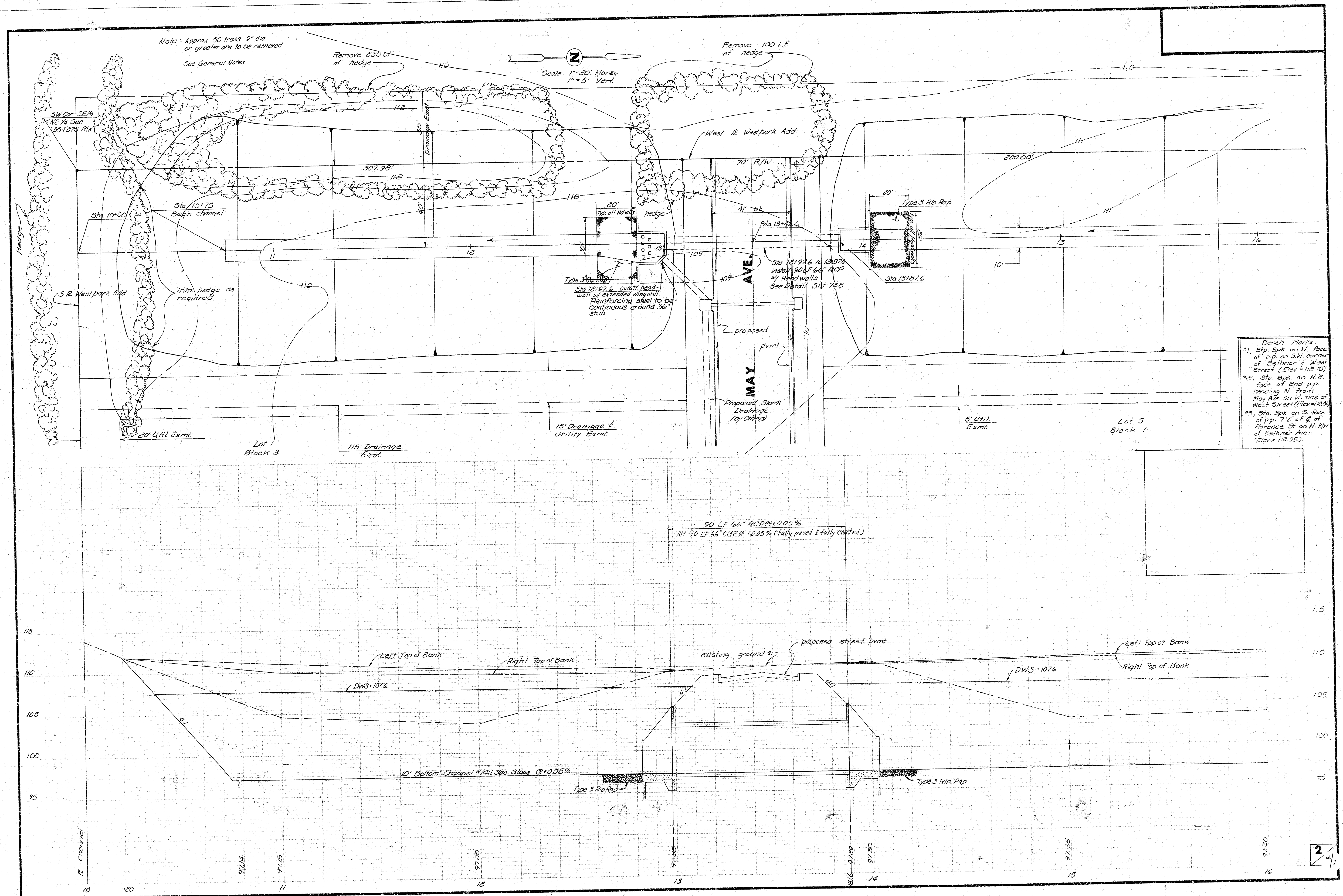
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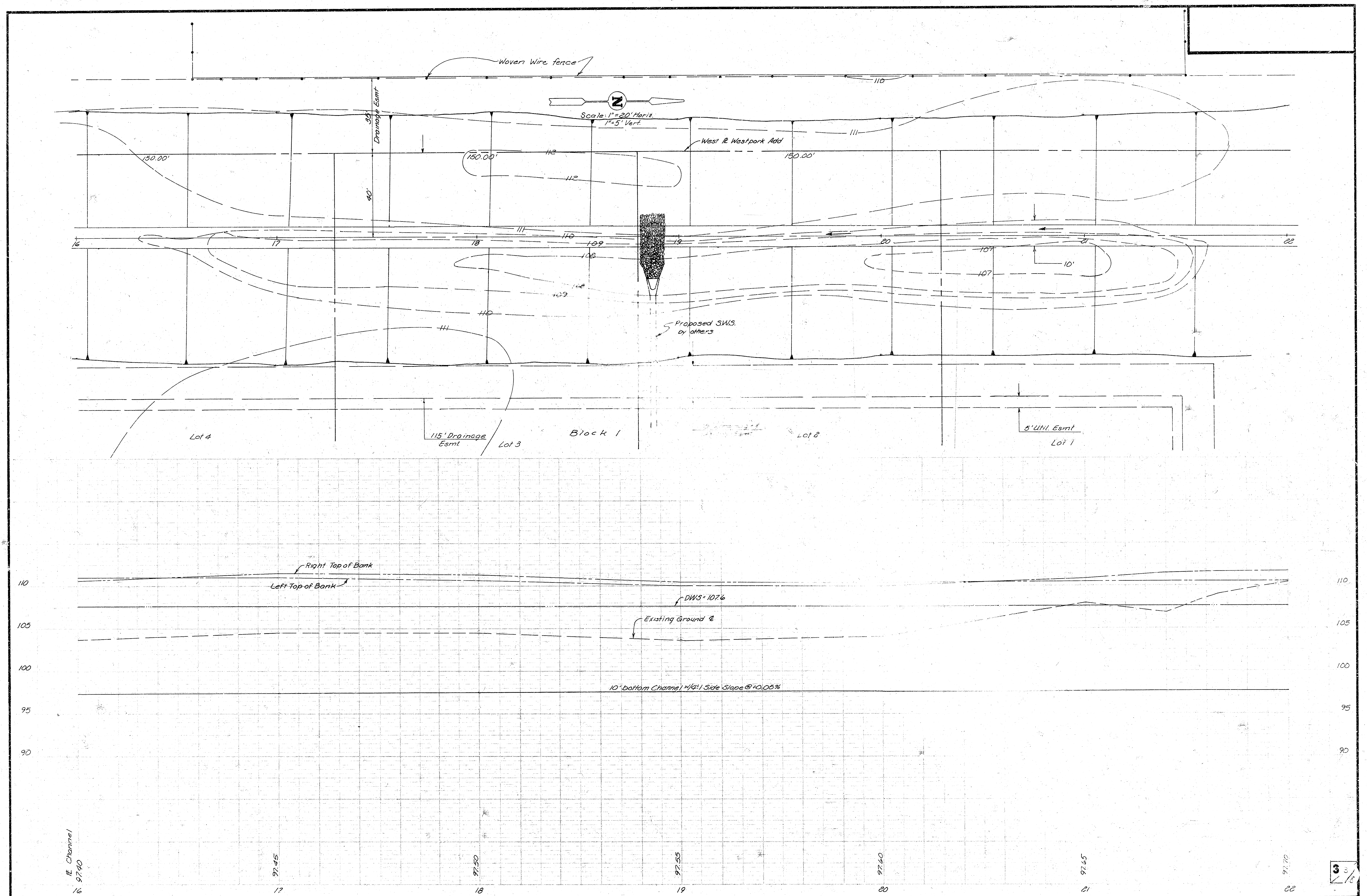


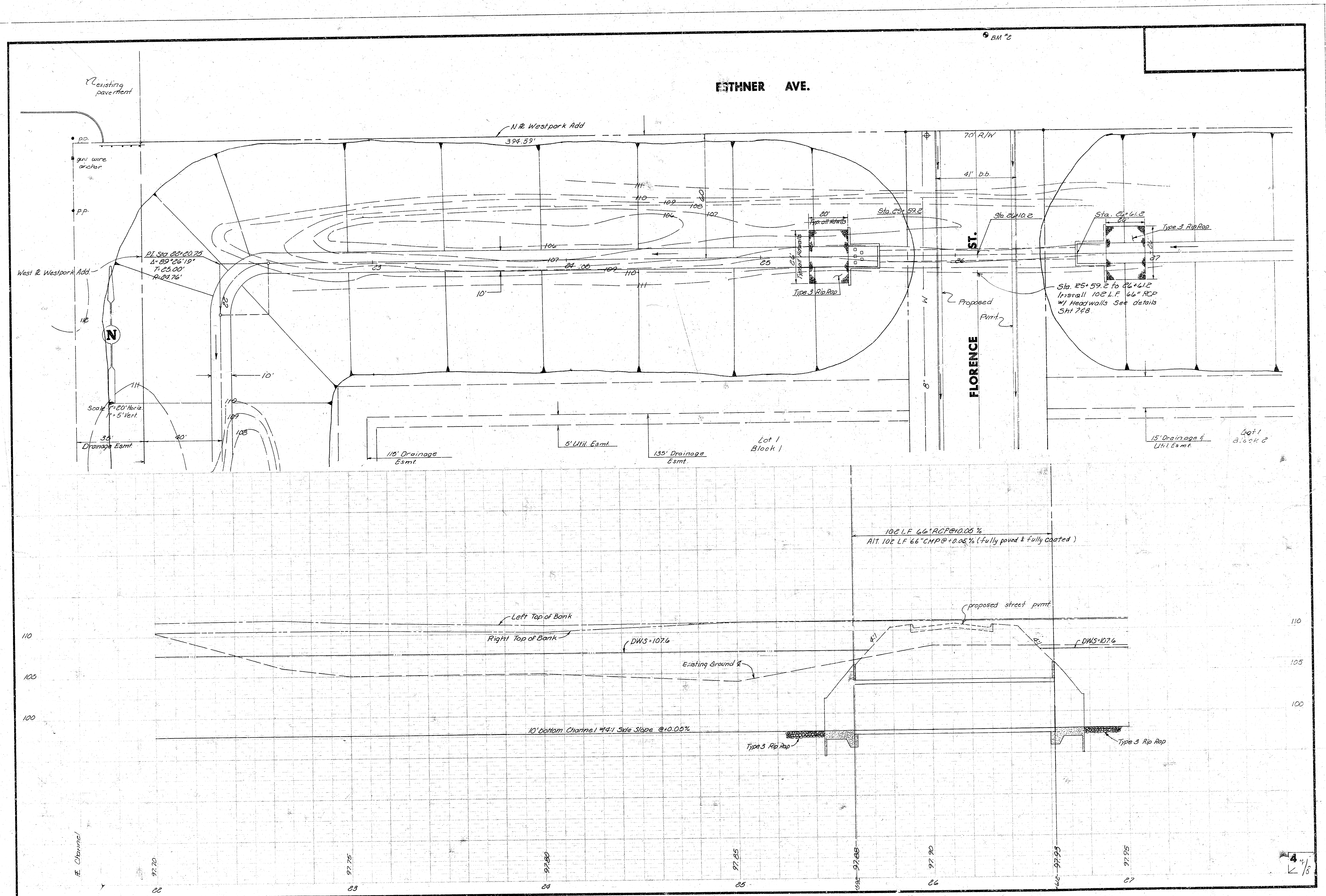
Van Doren - Hazard - Stallings

Architects - Engineers - Planners
Topeka - Wichita - Minneapolis

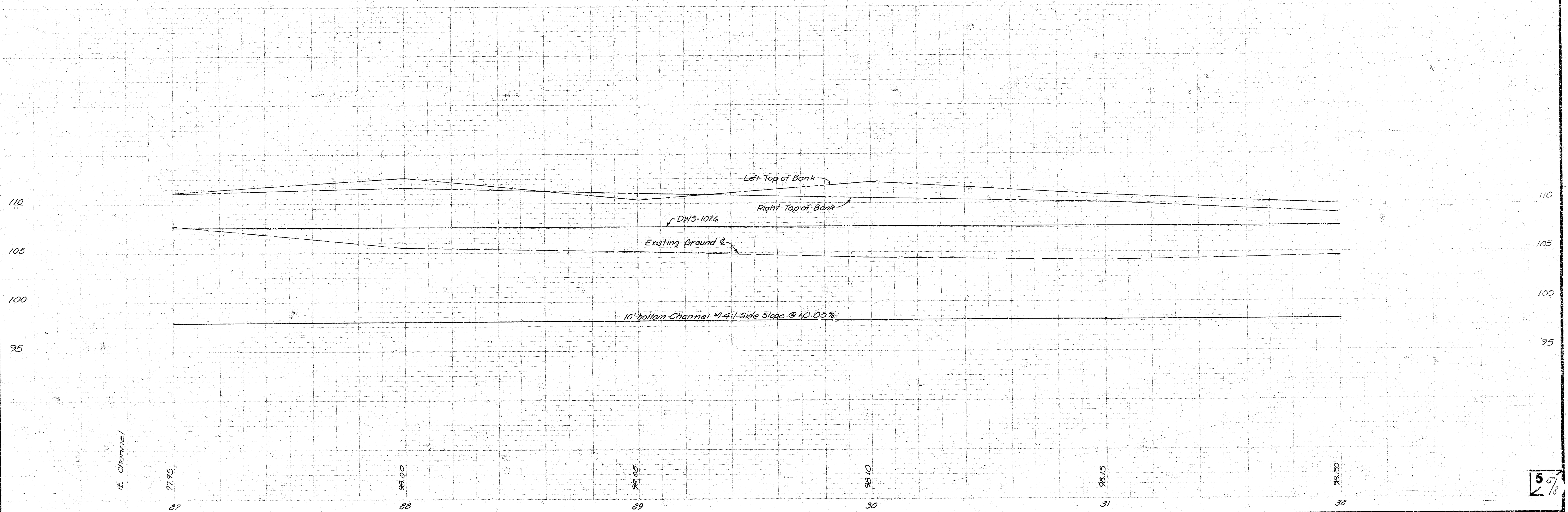
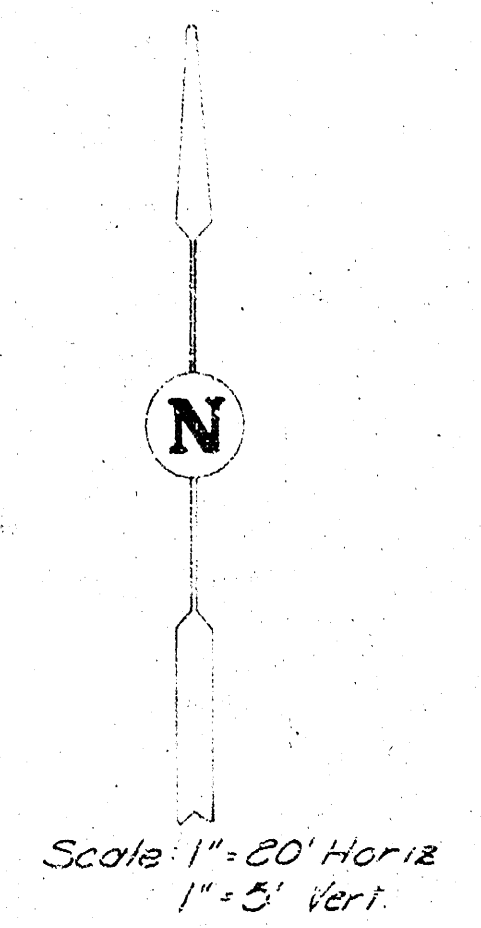
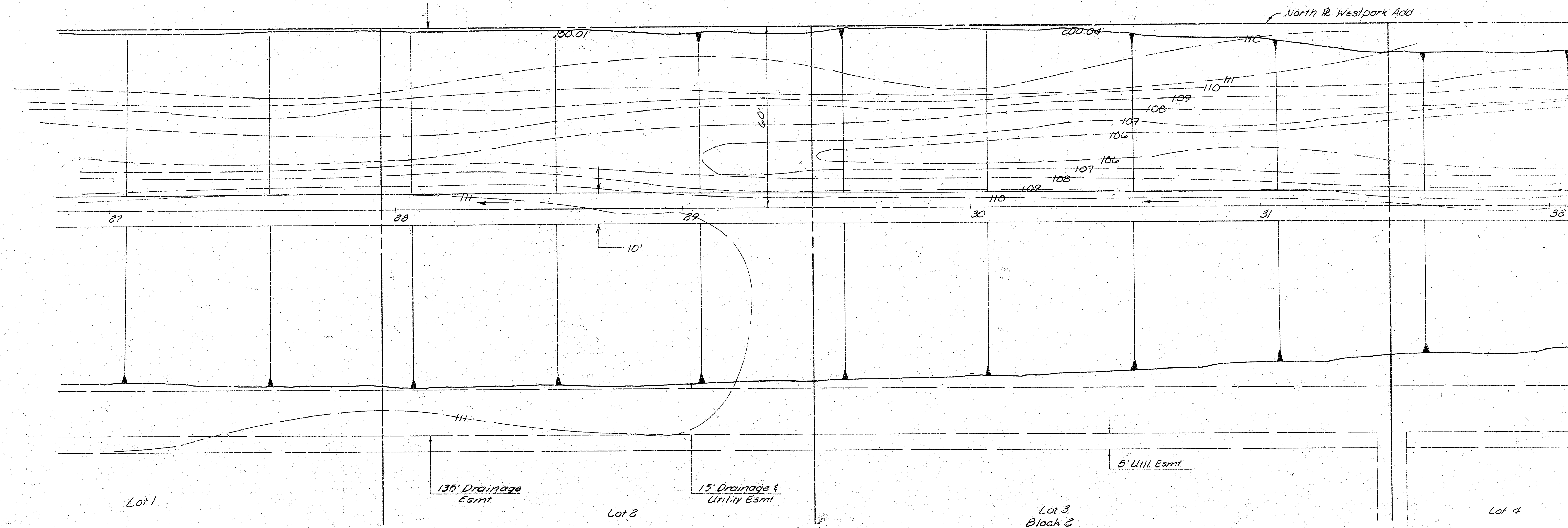


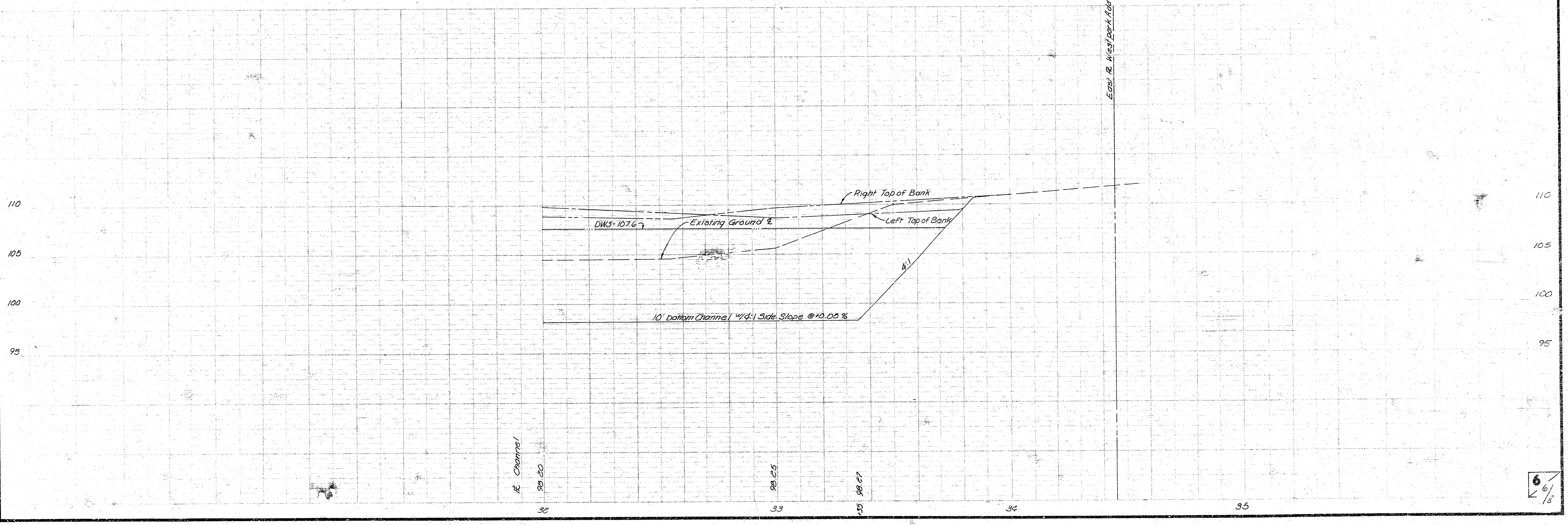
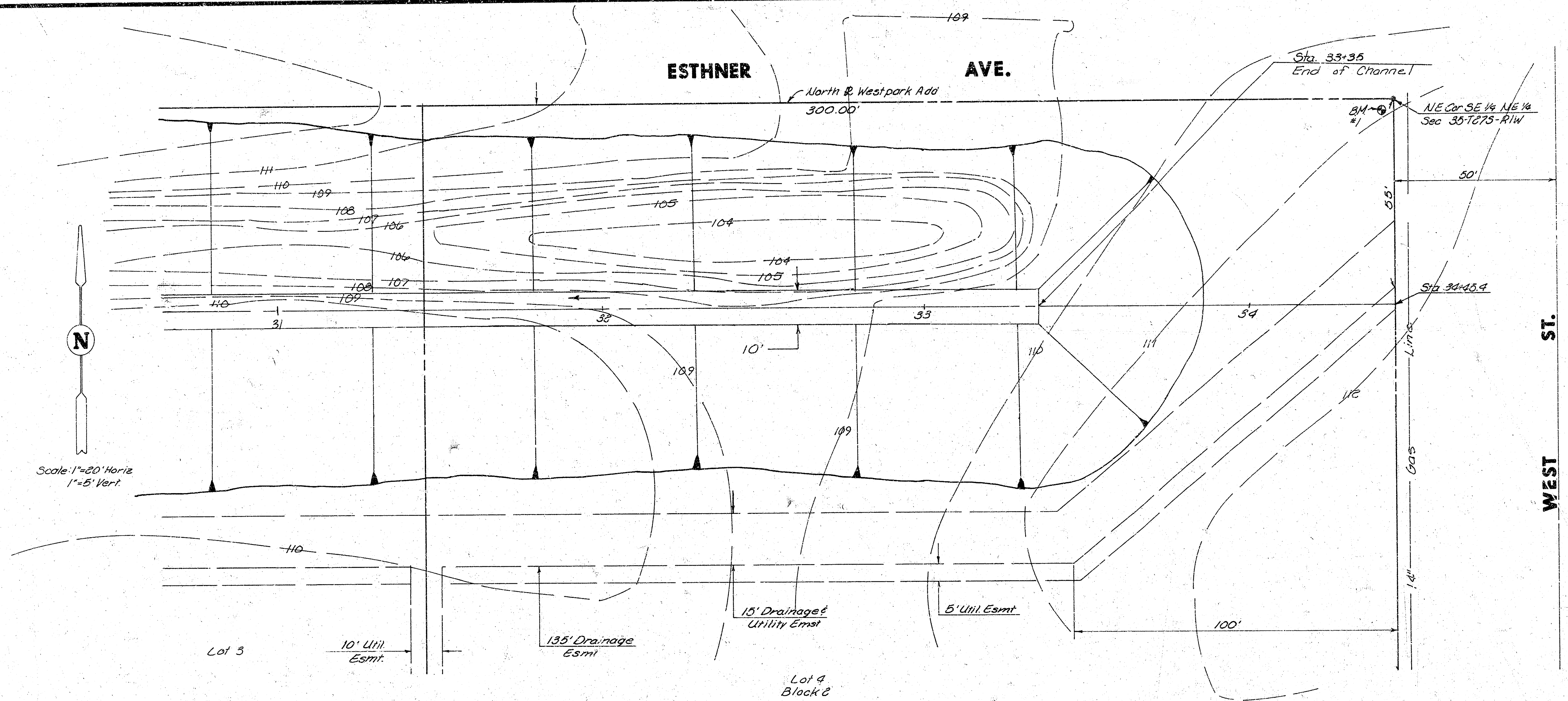


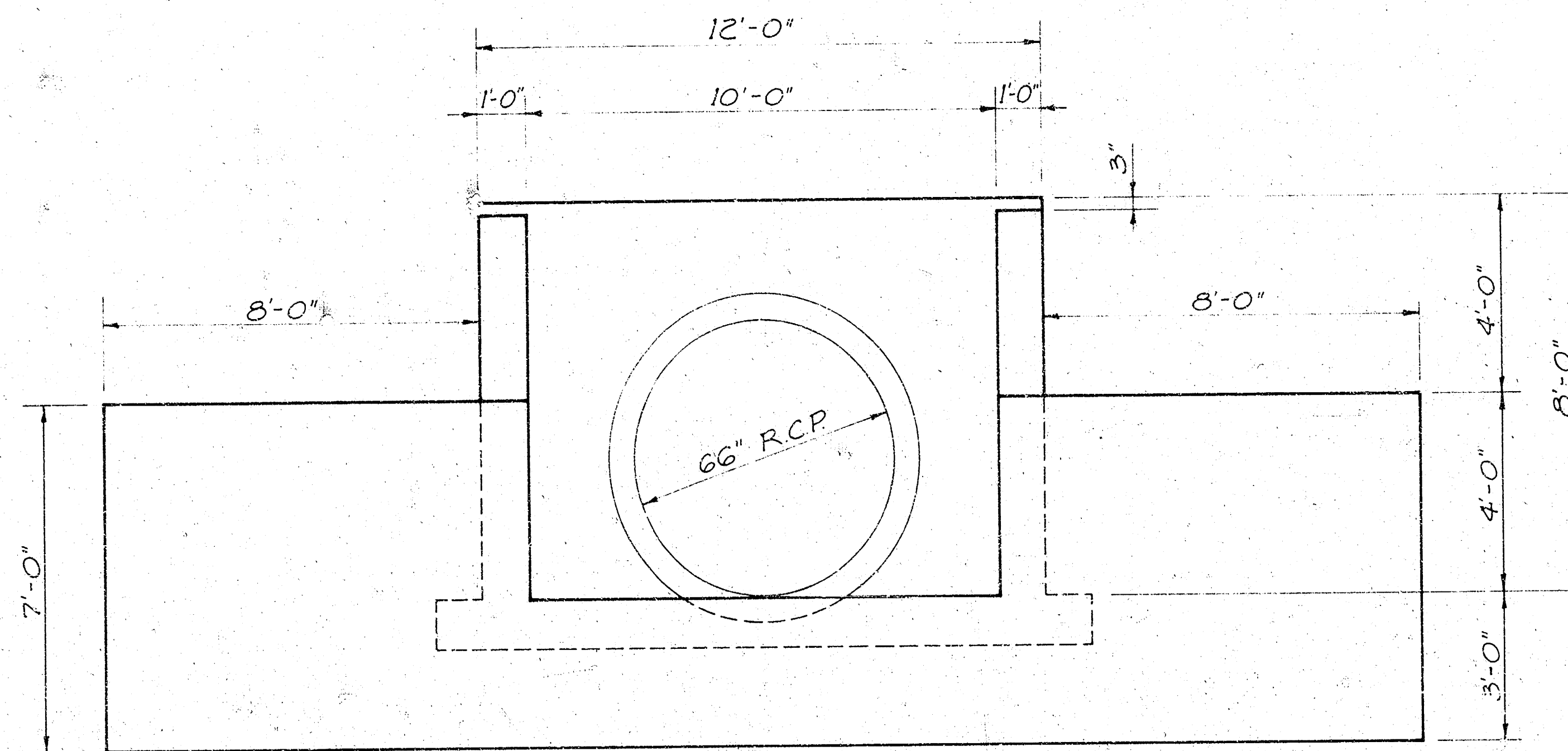




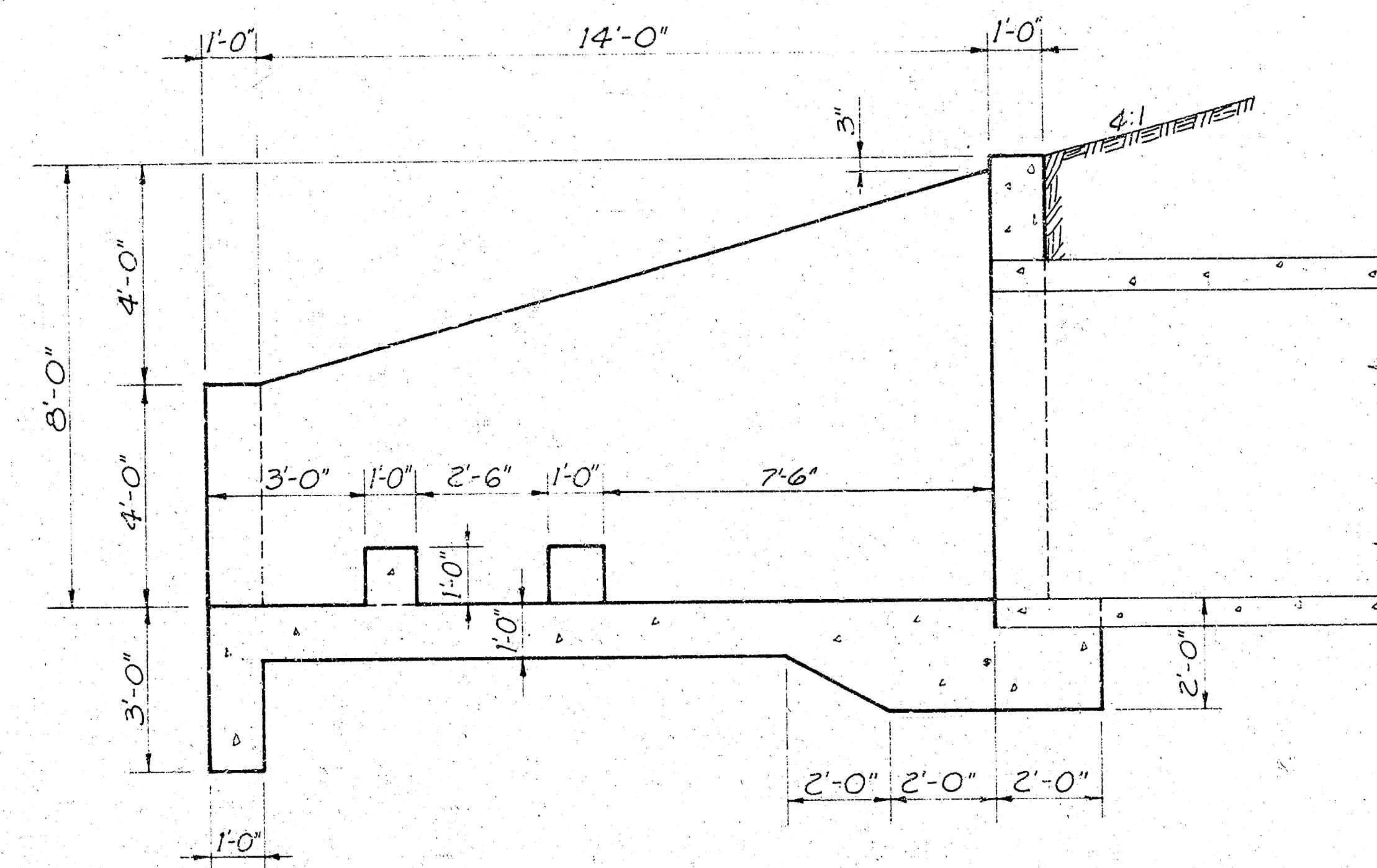
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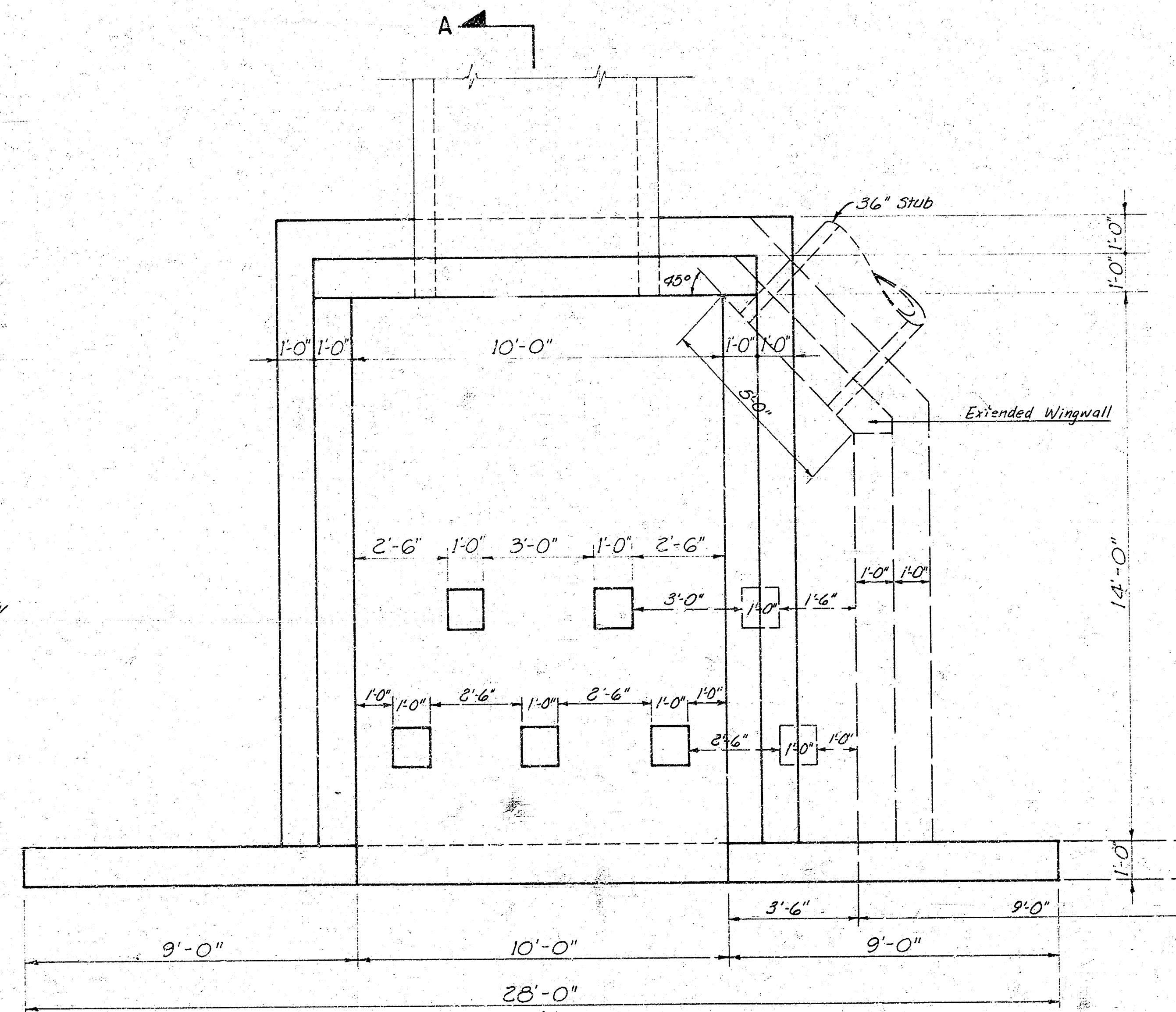


ELEVATION
Scale: 3/8" = 1'-0"

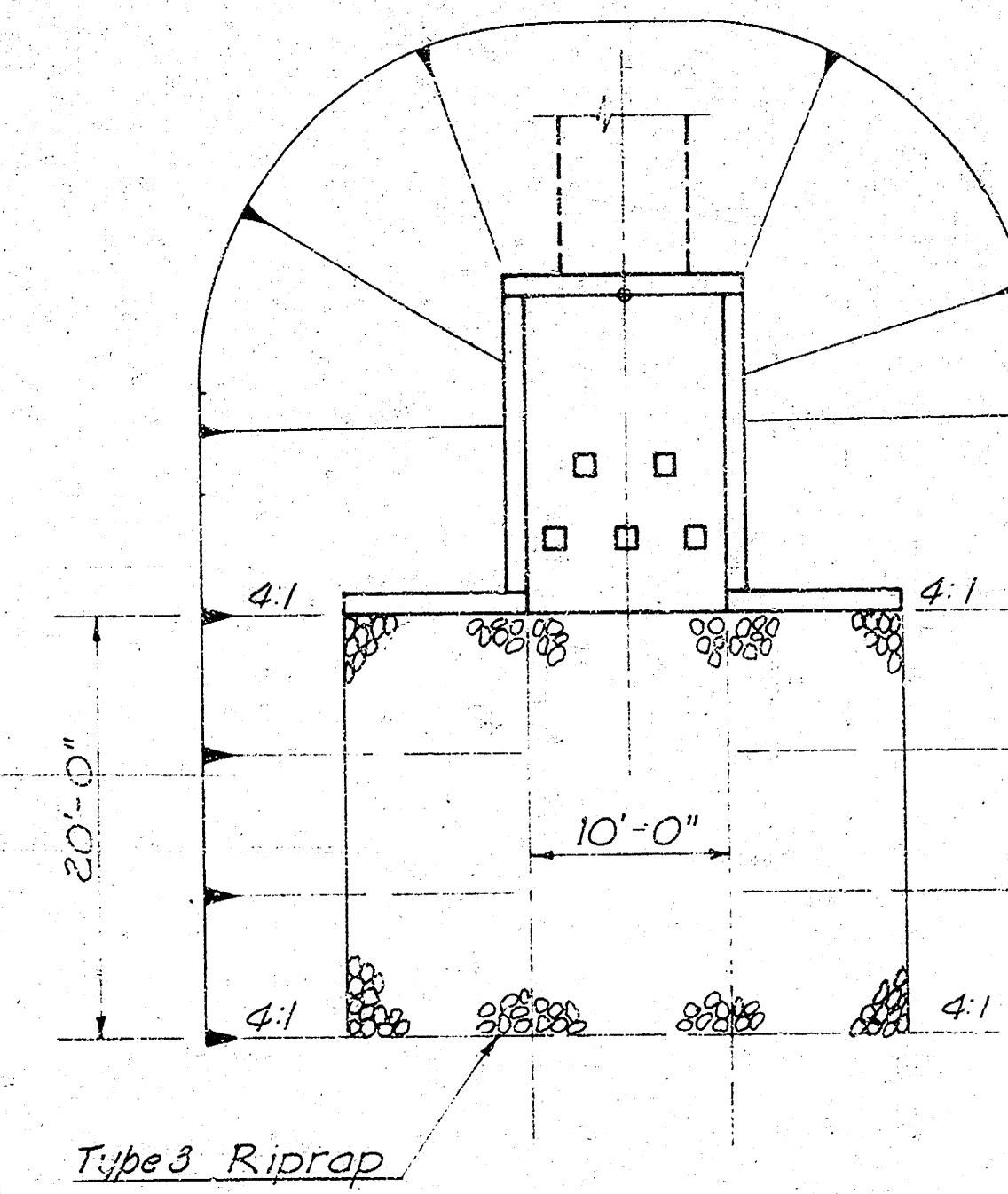


SECTION A-A
Scale: 3/8" = 1'-0"

- Notes
1. Extended wingwall is to be used at Sta 12+97.6 only
 2. Baffle blocks are to be used on downstream headwalls only

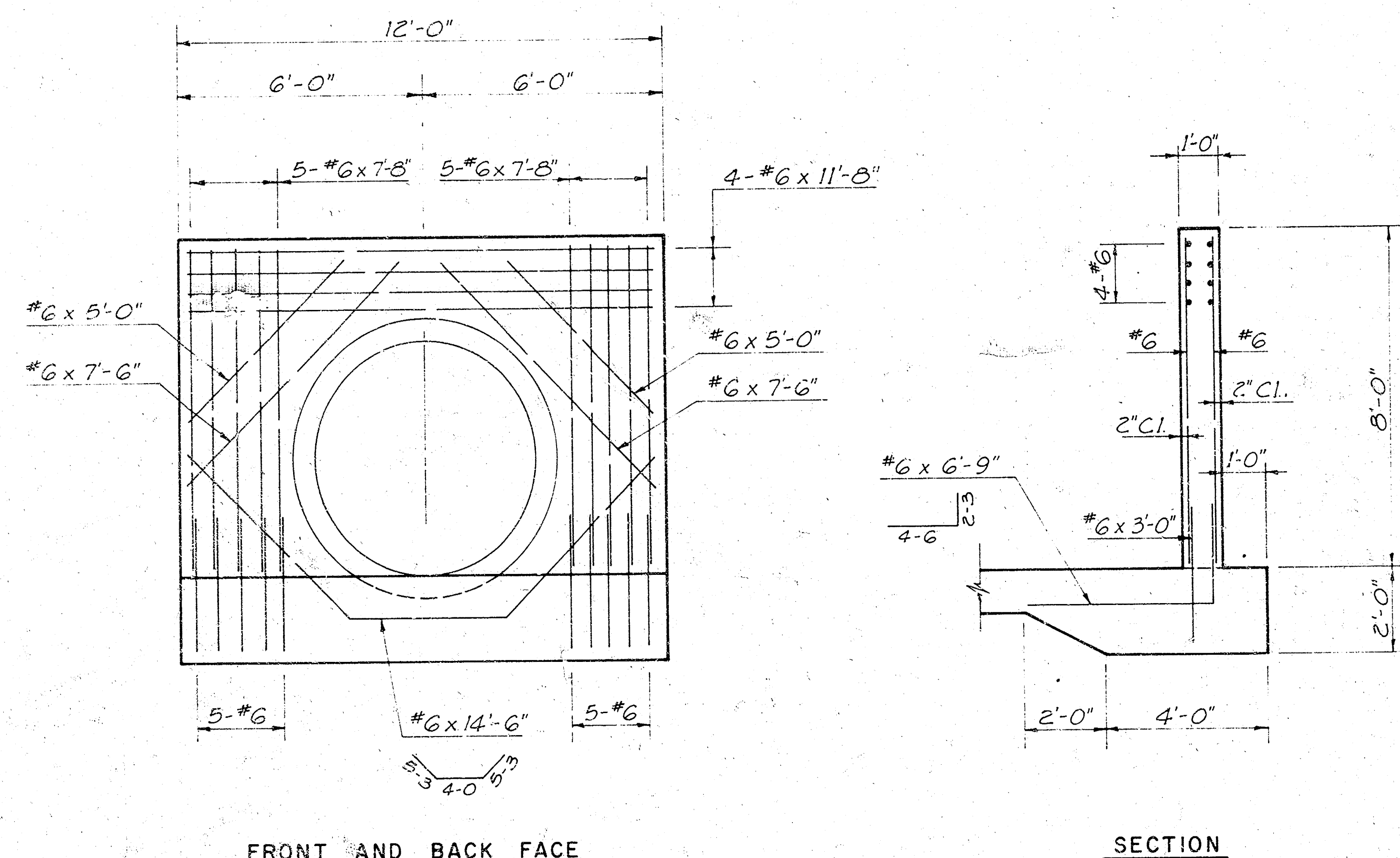


PLAN
Scale: 3/8" = 1'-0"



LOCATION PLAN
Scale: 1" = 10'

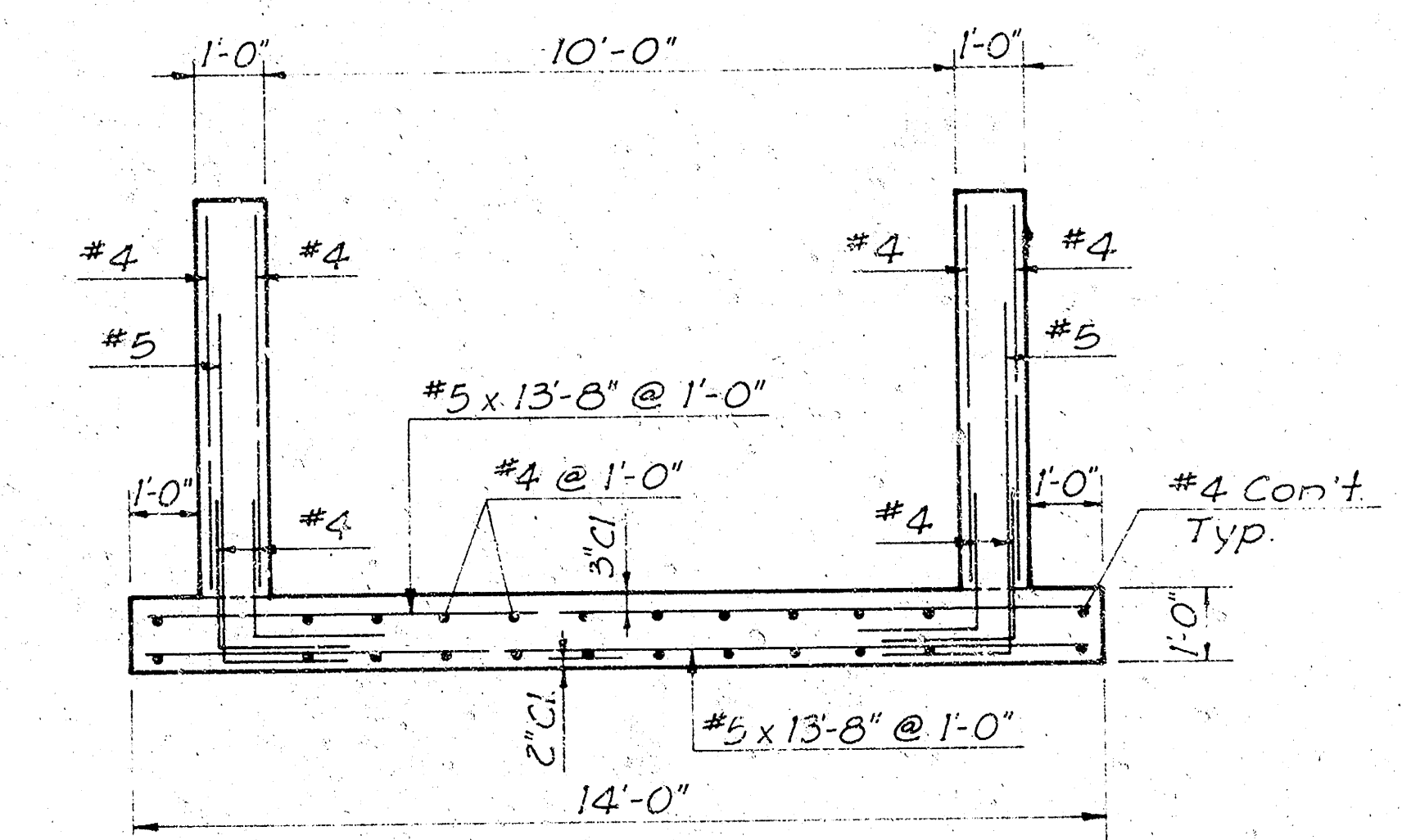
WESTPARK ADDITION STORM CHANNEL SWD 40 CONCRETE HEADWALL DETAIL 66" RCP		Design
		Drawn by
		Checked by
		Date
		Job no.



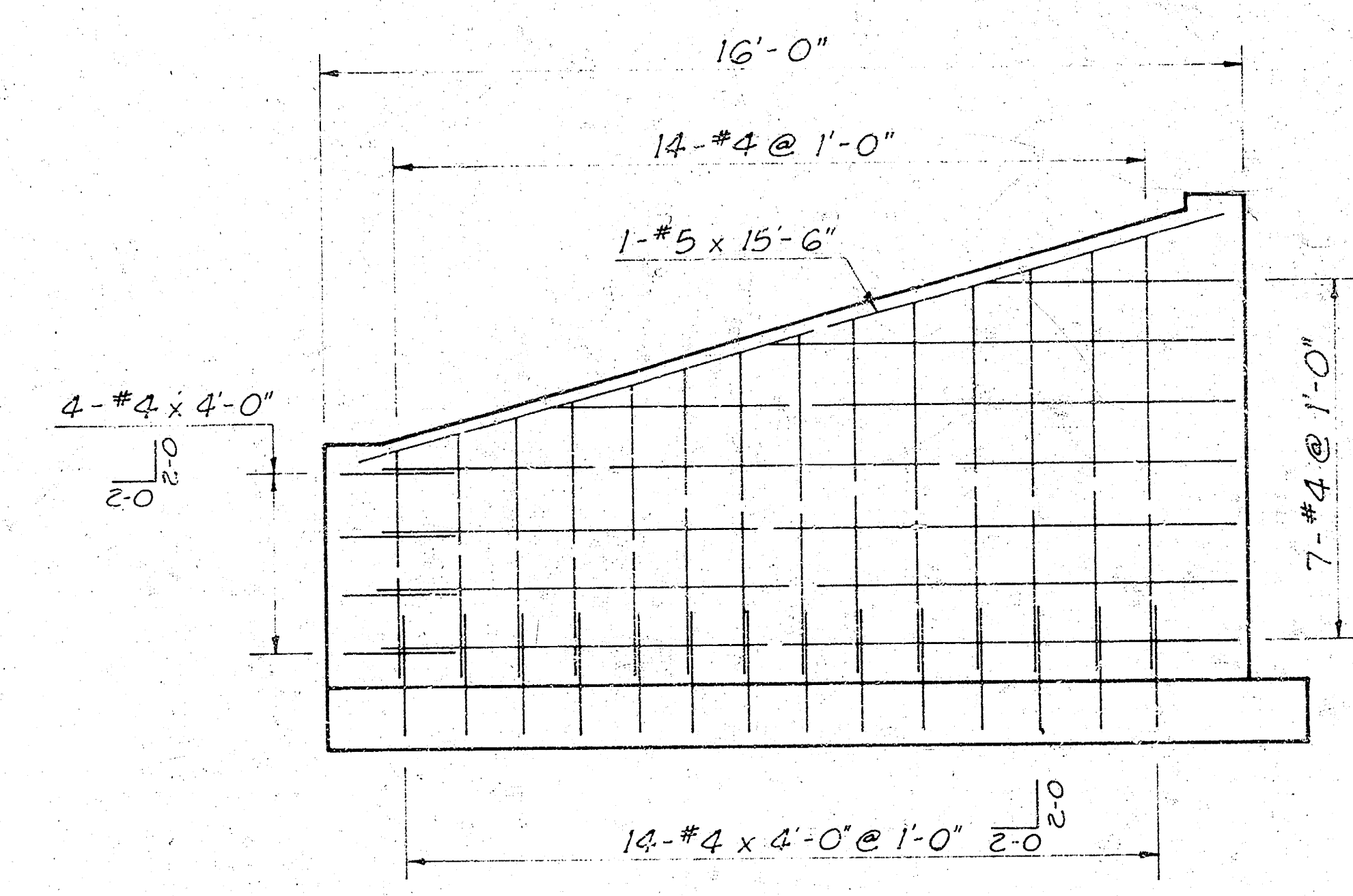
FRONT AND BACK FACE

SECTION

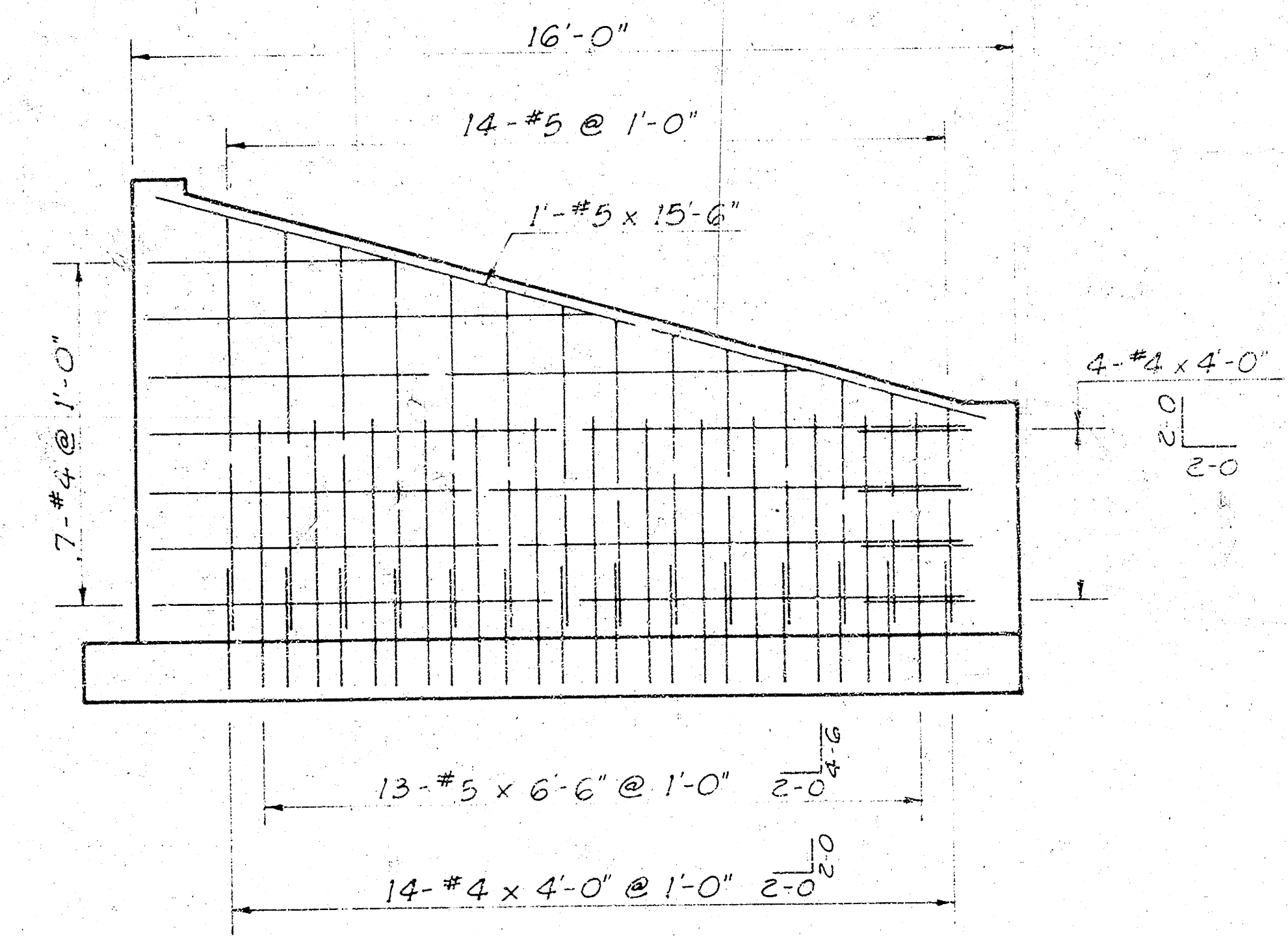
BACKWALL REINFORCING



WINGWALL SECTION

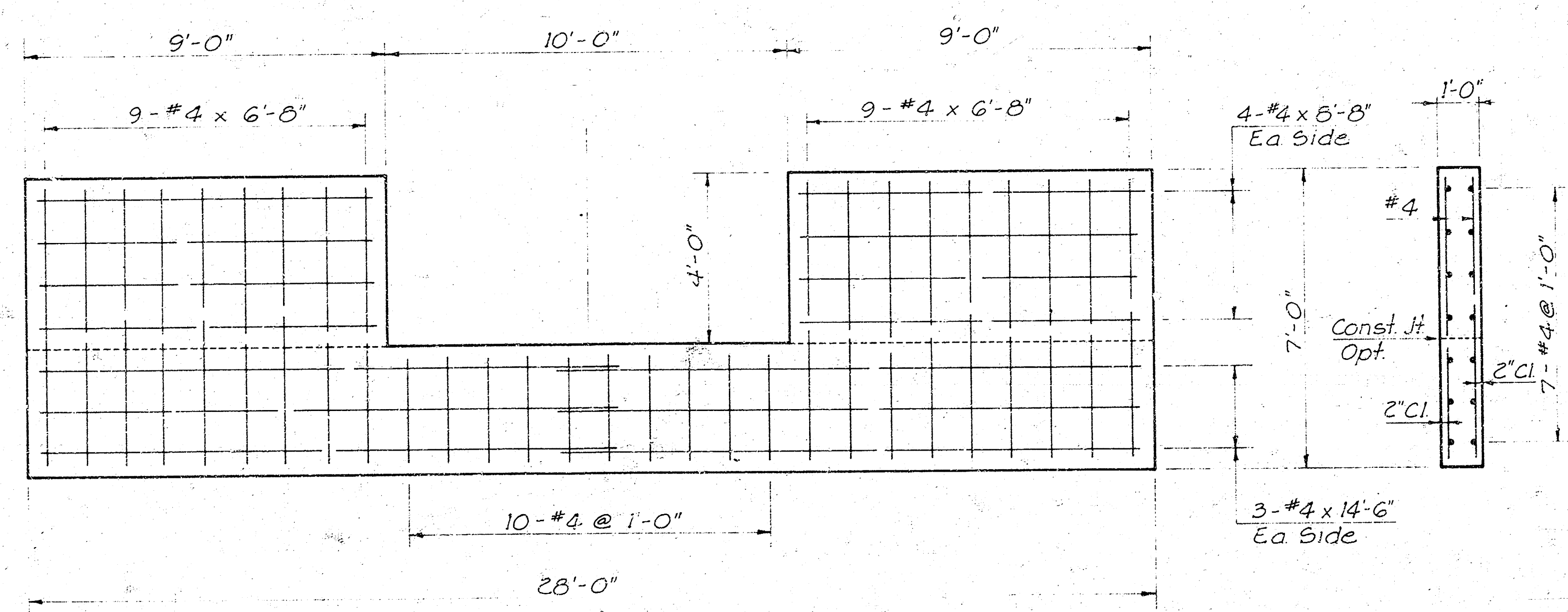


FRONT FACE



BACK FACE

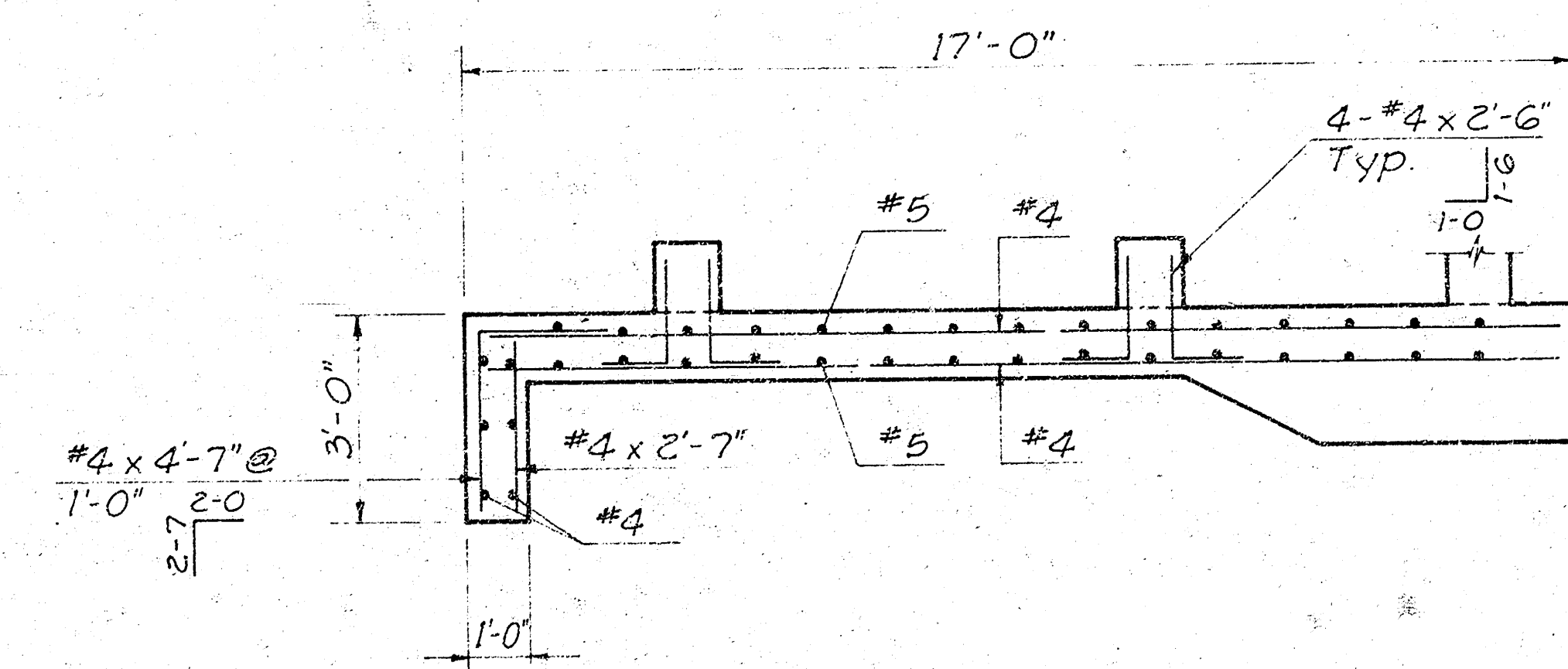
WINGWALL REINFORCING



FRONT AND BACK FACE

SECTION

TOEWALL REINFORCING



FLOOR SECTION

Scale: 3/8" = 1'-0"

WESTPARK ADDITION STORM CHANNEL SWD 40		Design
CONCRETE HEADWALL DETAIL 66" RCP		Drawn by
		Checked by
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Architects • Engineers • Planners		8/8
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