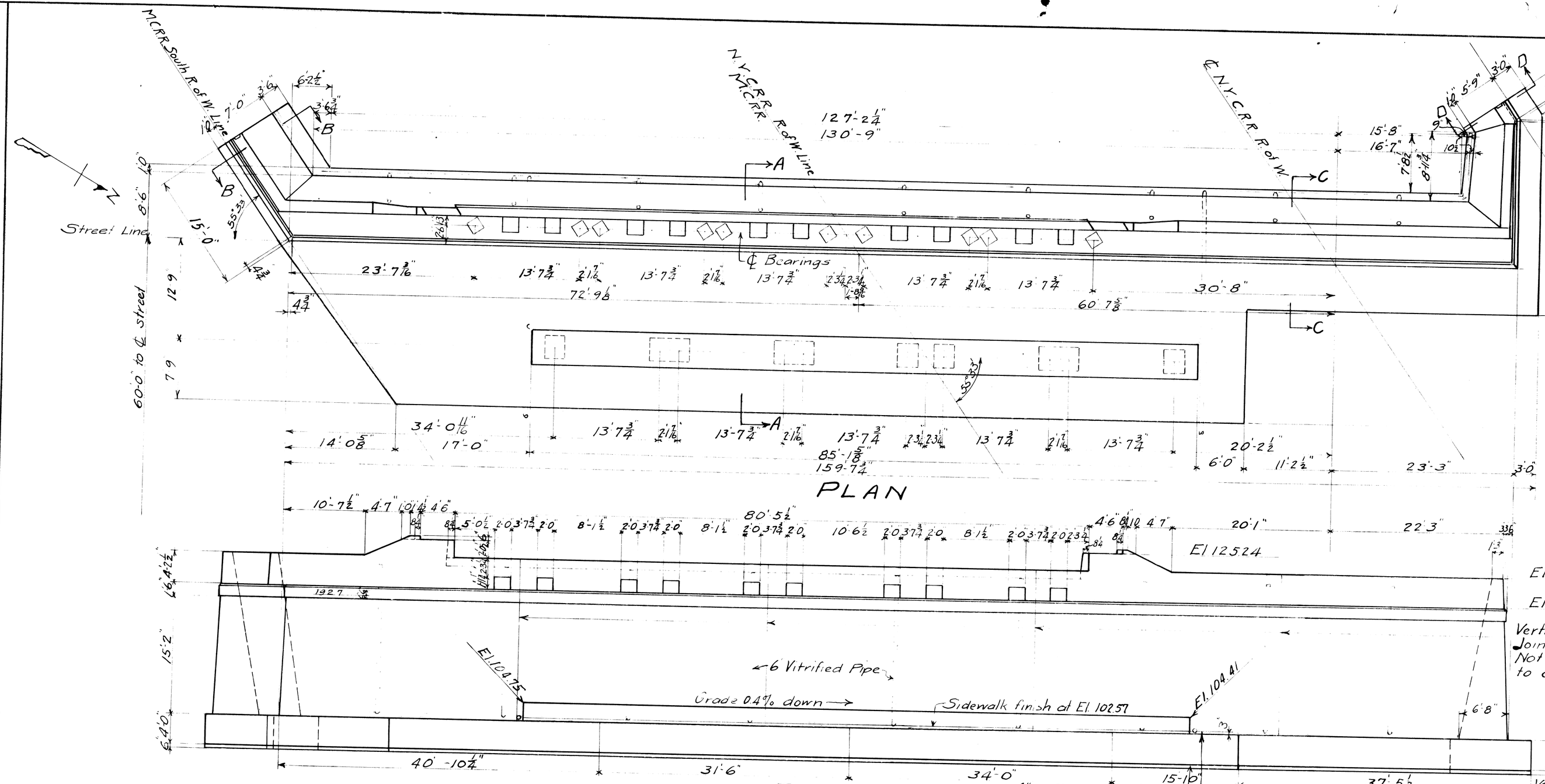


TYPICAL VERTICAL CONSTRUCTION JOINTS IN WALLS

Use beveled corners in face of Joints.

DETAIL OF SUPPORT for Vertical Drains back of Walls. All horizontal drains are to be back filled with 4" gravel

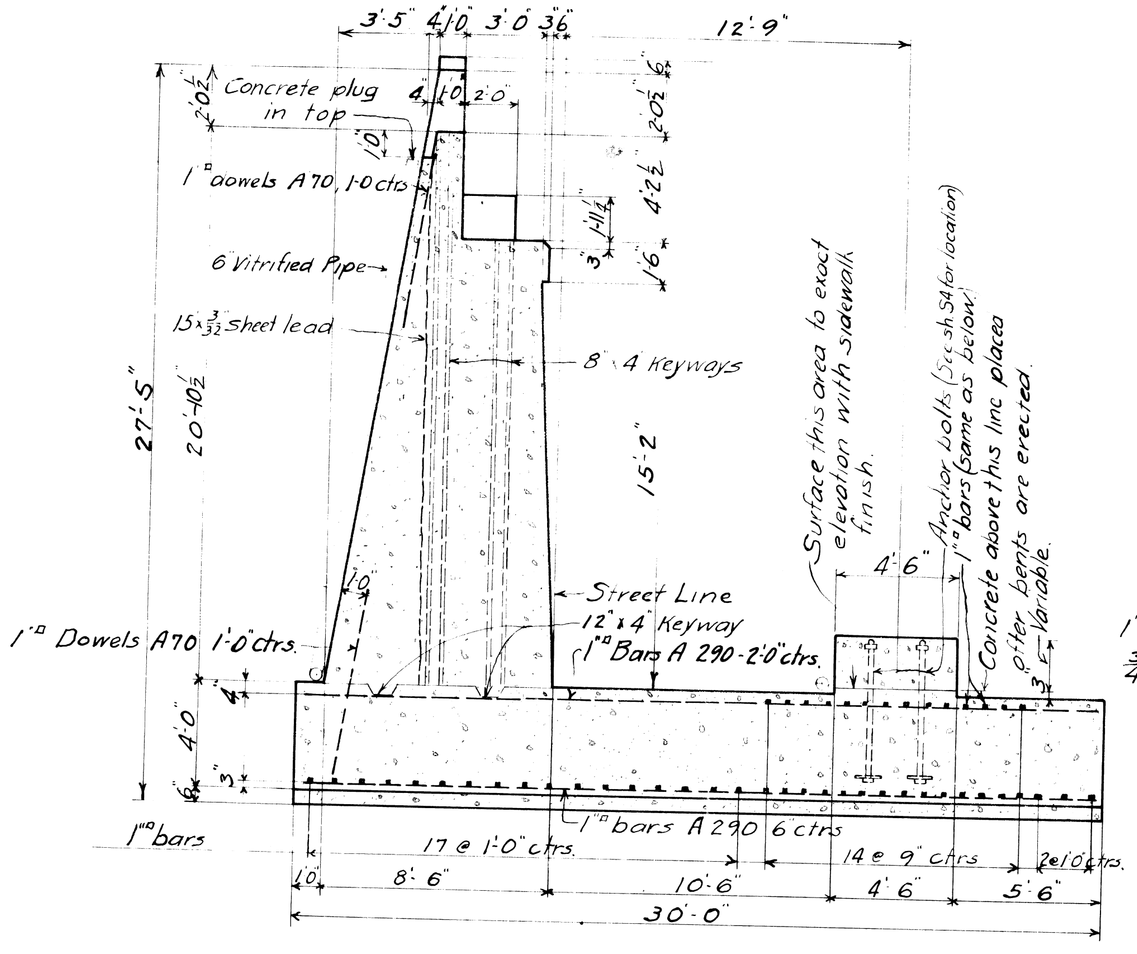
QUANTITIES

	MCRR	NYCRR	Total
Concrete Yardage Footings	359 cy	319 cy	678 cy
Above footing	351 cy	416 cy	767 cy
1:3:6 seal coat	43 cy	38 cy	81 cy
Total	753 cy	773 cy	1526 cy
Reinforcing	33650#	30850#	64500#
6" Sewer Pipe Vitrified	240 ft.	260 ft	500 ft.
Tees	6	7	13
90° ell	–	1	1
45° ell	1	–	1
Waterproofing	1600 sq ft	2000 sq ft	3600 sq ft

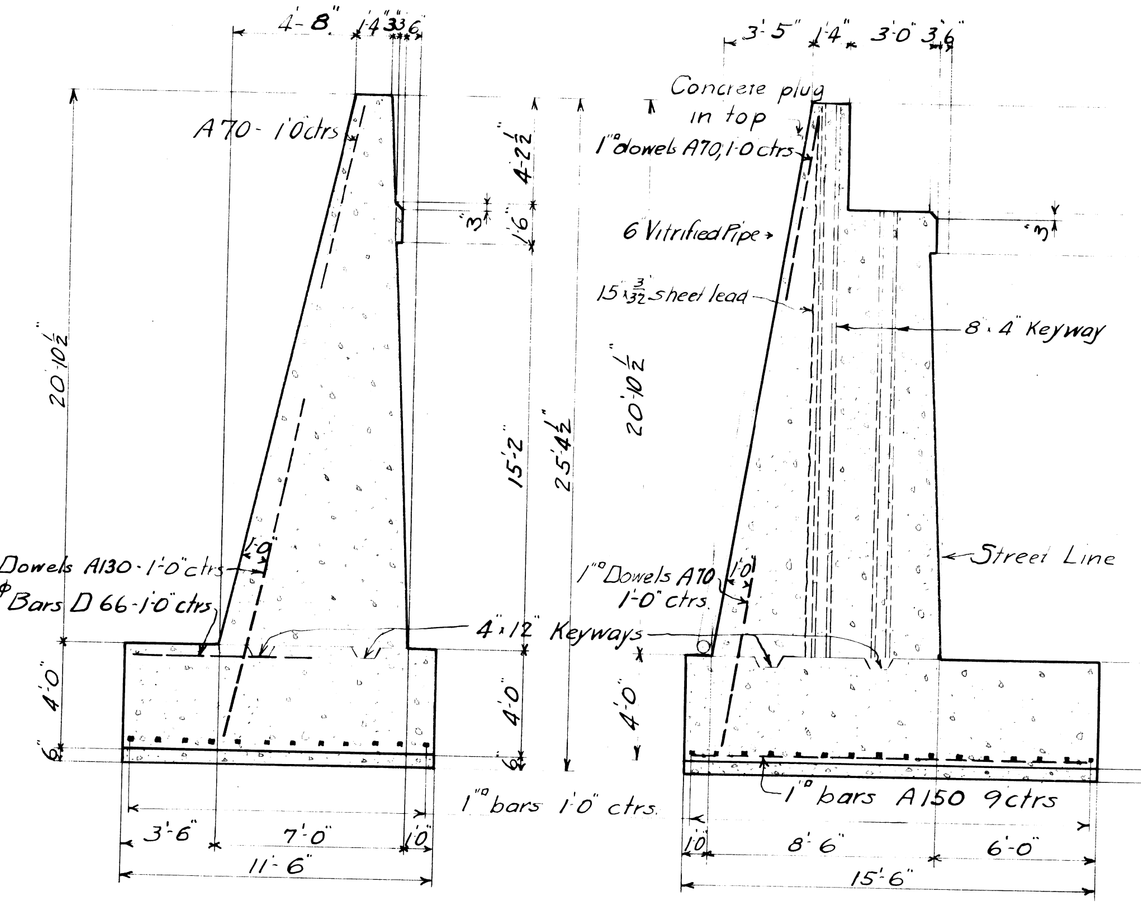
SPECIFICATIONS - See sheet M2

BILL OF BARS

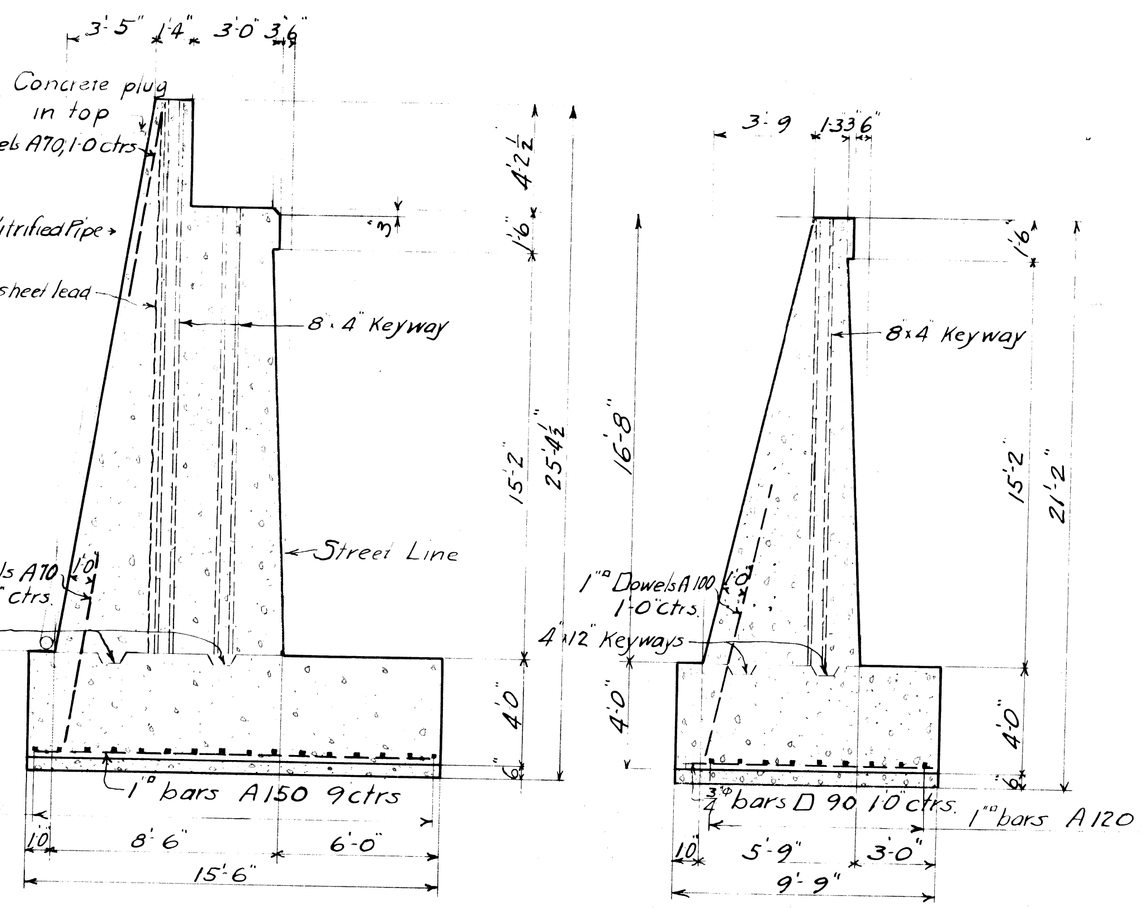
No	Size	Length	Mark	Location
340	1" □	7'-0"	A70	Dowels in backwall & footing of abut.
10	1" □	10'-0"	A100	" " footing wing
10	1" □	13'-0"	A130	" " " "
48	1" □	37'-0"	A370	Longitudinal footing of abut
58	1" □	35'-0"	A350	" " " "
23	1" □	32'-0"	A320	" " " "
31	1" □	29'-0"	A290	" " " "
19	1" □	25'-0"	A250	" " " "
4	1" □	22'-0"	A220	" " " "
4	1" □	20'-0"	A200	" " " "
4	1" □	17'-0"	A170	" " " "
32	1" □	15'-6"	A156	" " " "
6	1" □	14'-0"	A140	" " " "
10	1" □	12'-0"	A120	" " " "
15	1" □	13'-0"	A130	" " " " wing.
6	1" □	10'-0"	A100	" " " "
270	1" □	29'-0"	A290	Transverse footing of abut.
8	1" □	24'-0"	A240	" " " "
8	1" □	19'-0"	A190	" " " "
50	1" □	15'-0"	A150	" " " "
6	1" □	13'-0"	A130	" " " "
13	3/4" ◇	9'-0"	D90	" " wing
12	3/4" ◇	6'-6"	D66	" " "



SECTION A-A



SECTION B-B



SECTION C-C

SECTION D-D

File XU32-23

MAY 14 1927

M.C.R.R.-TOLEDO DIV.

BRIDGE 3.37 LIVERNOIS AVE SUBWAY

WEST ABUTMENT.

SCALE: 1/8 & 1/4 INCH = 1 FOOT

APPROVED

BRIDGE ENGINEER

DRAWN BY Cwc A 20 1927

CHECKED BY B & R 4 2 1927

TRACED BY Cwc A 20 1927

REVISED

SHEET M1 OF 4