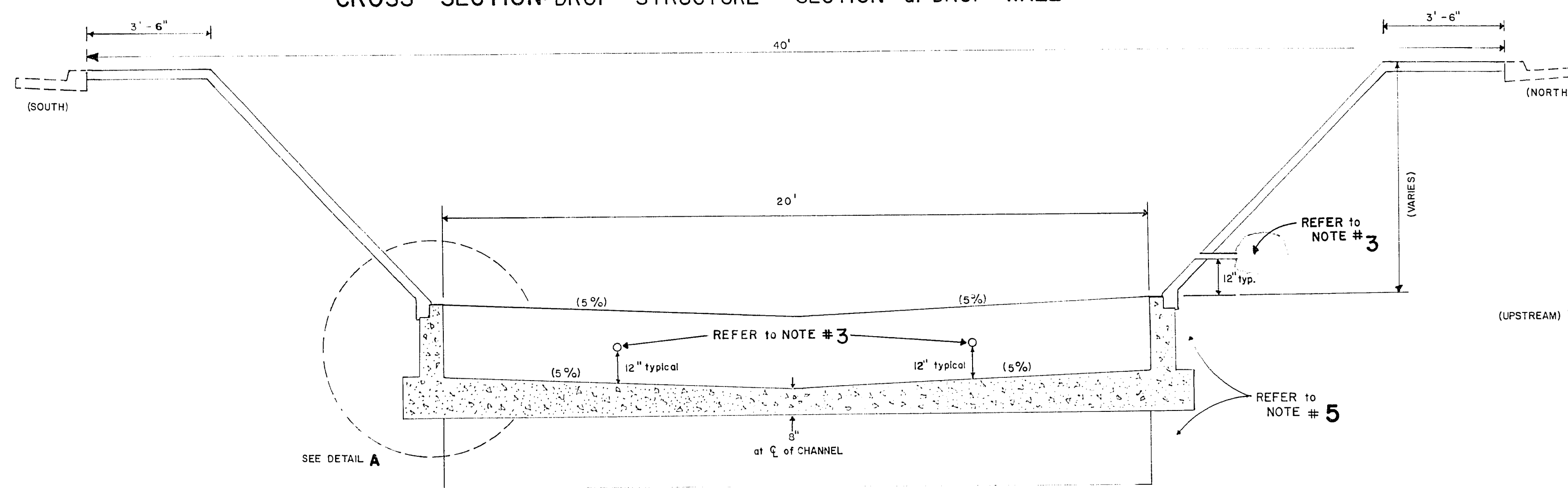
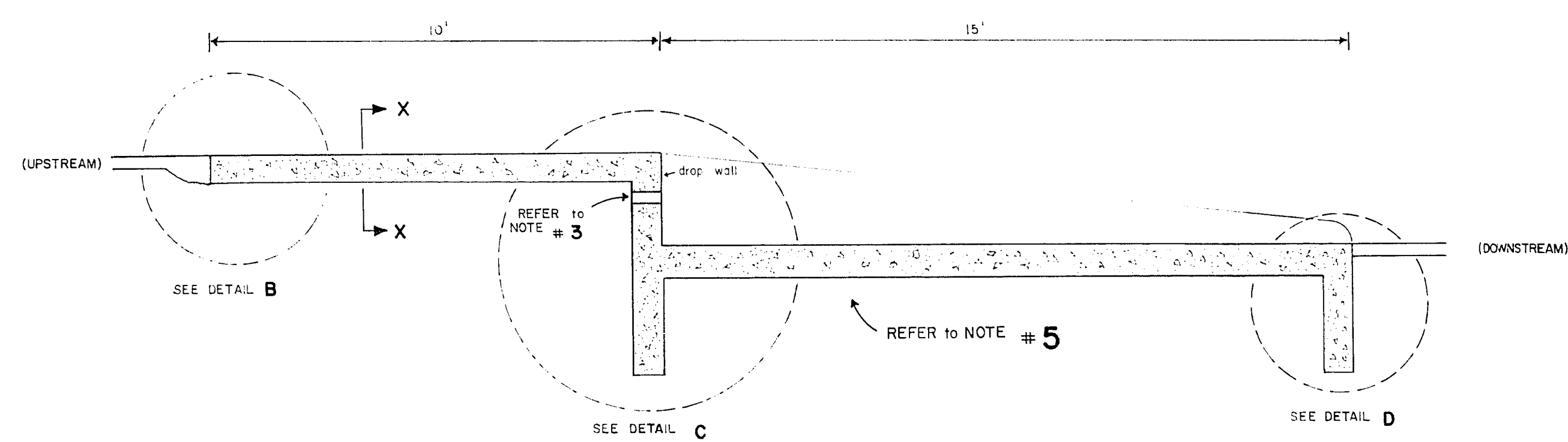


25-5-145

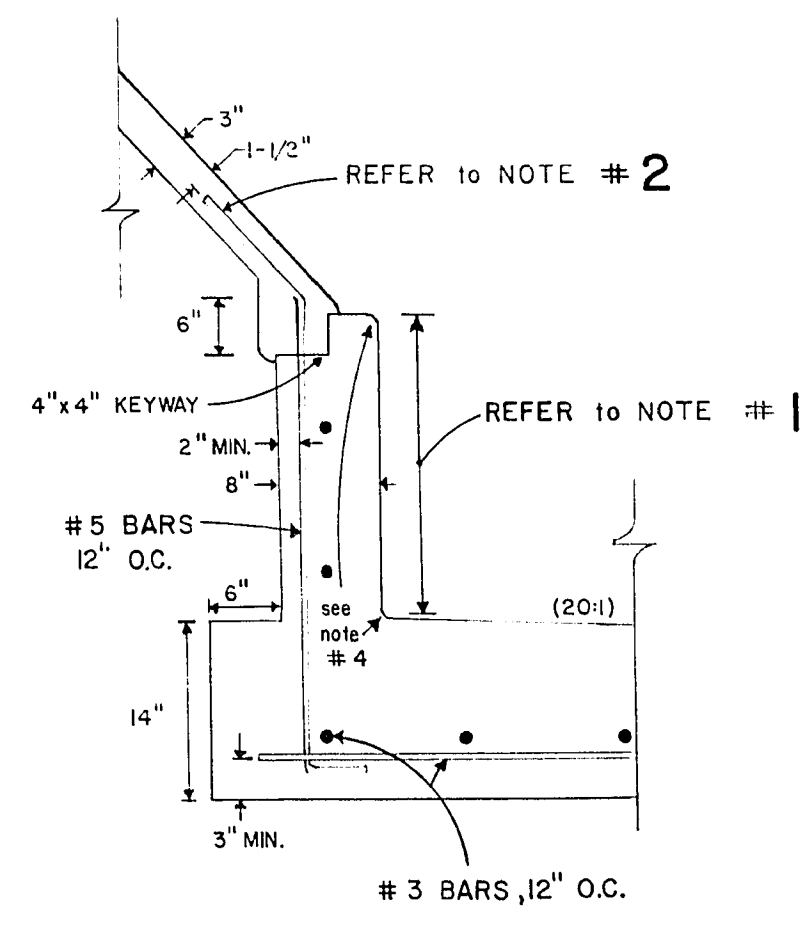
CROSS SECTION: DROP STRUCTURE SECTION at DROP WALL



ELEVATION: DROP STRUCTURE SECTION THROUGH ϕ of CHANNEL (SCALE: 1"=2.5')



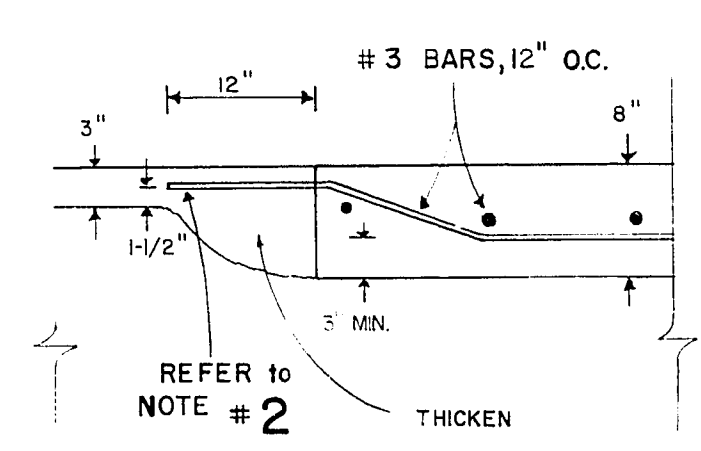
DETAIL A: (SCALE: 1"=1.25')



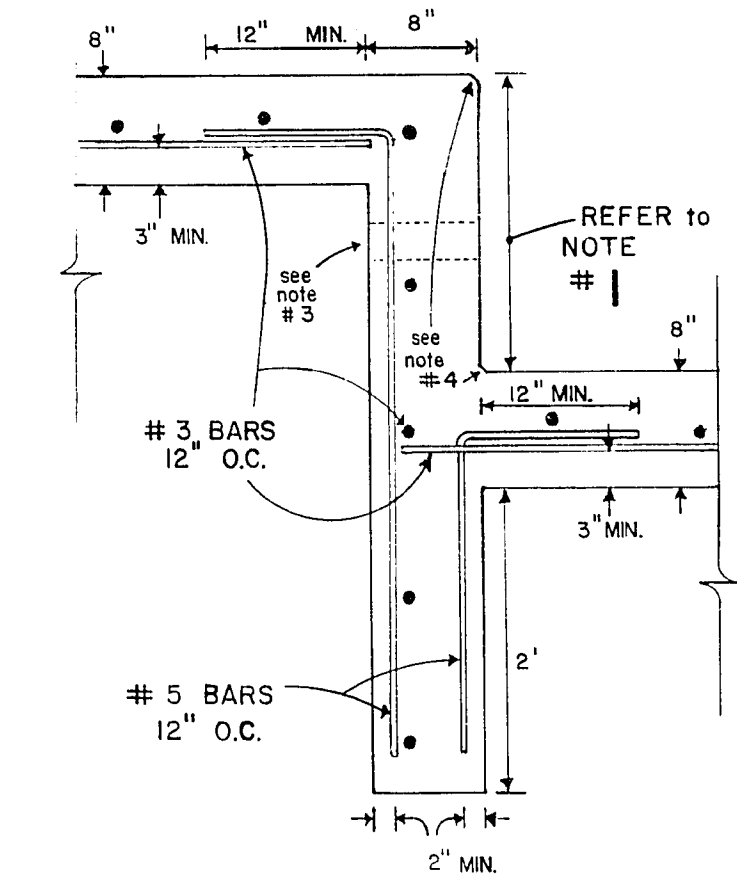
NOTES

- 1 THIS DIMENSION:
STA 7+00, 9+50, 12+50 = 2' (shown)
STA 16+25, 17+50, 19+00, 20+50, 22+00, 23+50 = 3'; one horizontal #3 bar required in addition to those shown.
- 2 BARS to be lapped 12" & tied to 44-1010 welded wire fabric in channel lining; MINIMUM clearance for ww. fabric = 1-1/2".
- 3 WEEP HOLES: 12" min. length 2" diam. A.B.S. pipe at 10' o.c.; 1 ft. type D.1 drain material in gunny sack at end of pipe; provide moisture barrier material between concrete and drain material.
- 4 1" CHAMFER or FILLET
- 5 BEDDING of STRUCTURE: the subgrade of the concrete drop structures shall be prepared as explained in section 500.1 of the standard specifications.

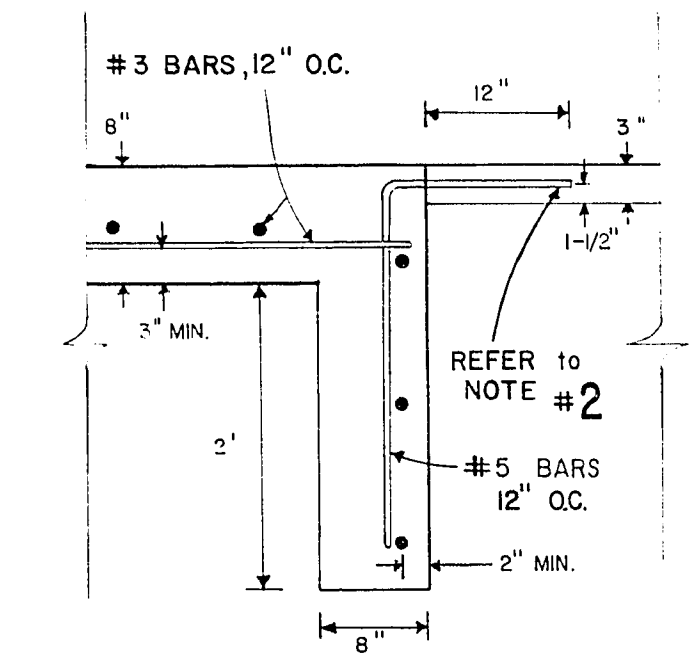
DETAIL B: (SCALE: 1"=1.25')



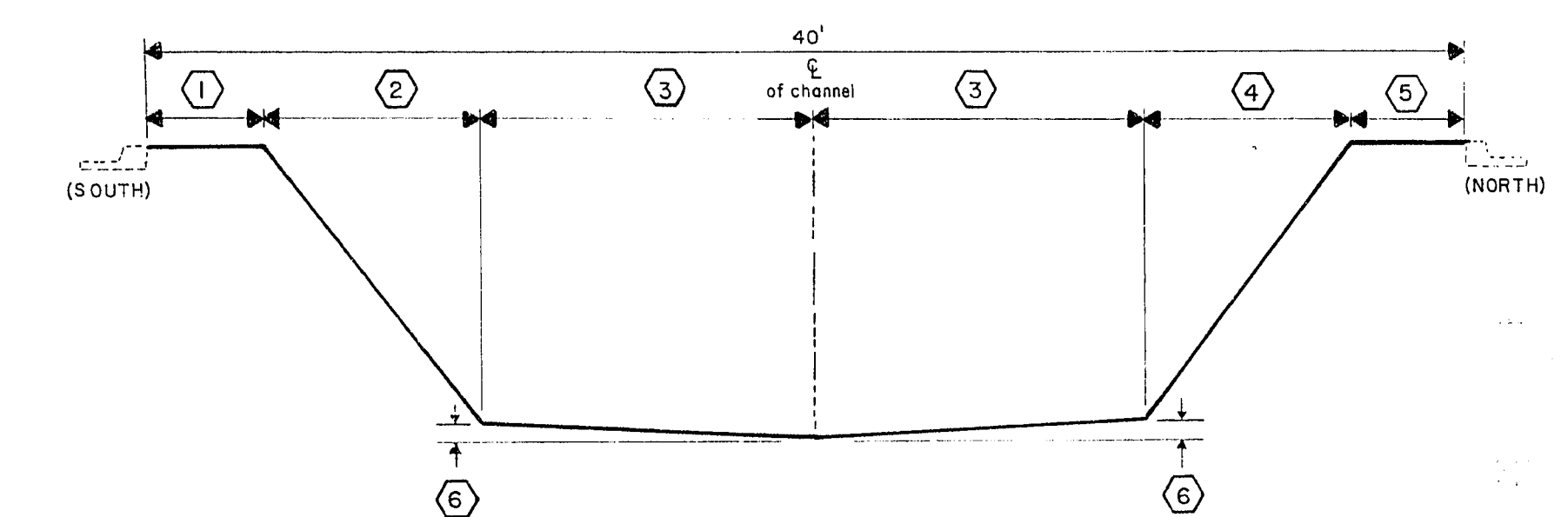
DETAIL C: (SCALE: 1"=1.25')



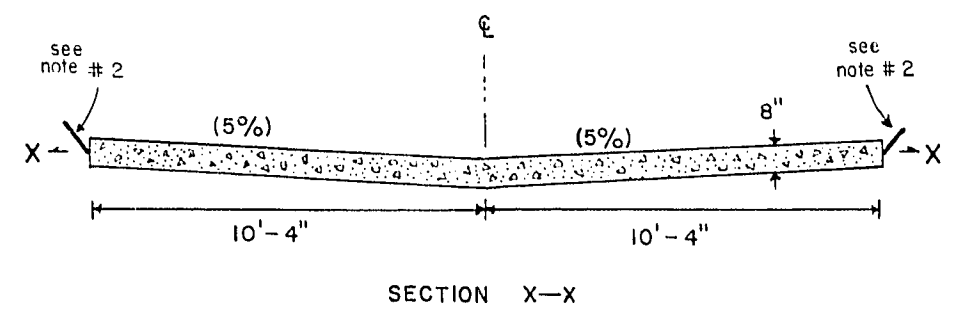
DETAIL D: (SCALE: 1"=1.25')



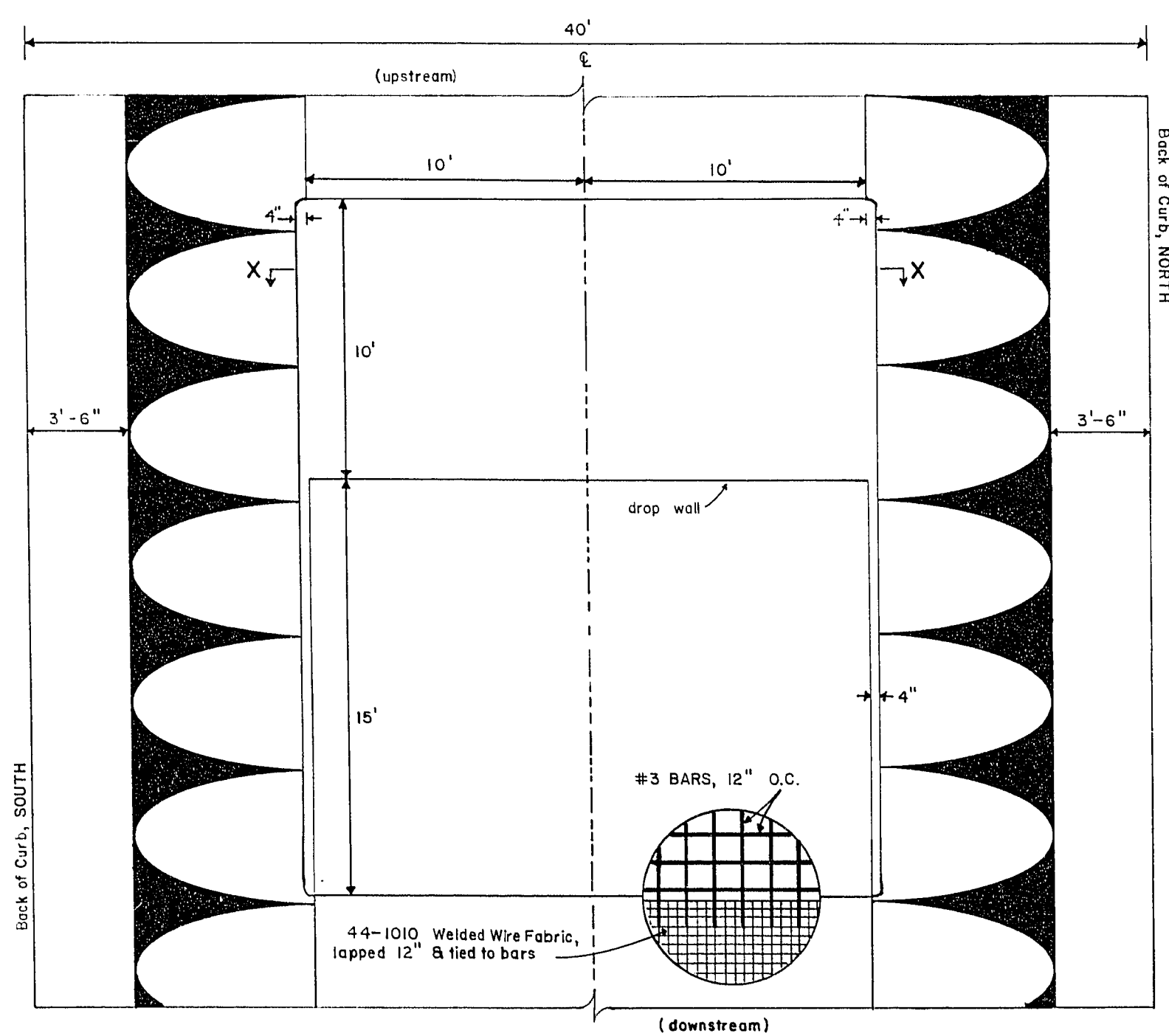
TYPICAL CROSS SECTION: CHANNEL LINING



CROSS SECTION: DROP STRUCTURE UPSTREAM SLAB DETAIL (SCALE: 1"=5')



PLAN VIEW: DROP STRUCTURE (SCALE: 1"=5')



STATION	1	2	3	4	5	6
4 + 16.5 to 4 + 65.0	3.5'	6.5'	10.0'	5.0'	5.0'	6"
4 + 65.0 to 4 + 75.0	3.5'	6.5'	10.0'	VARIES 5.0' to 6.5'	VARIES 5.0' to 35'	6"
4 + 75.0 to 15 + 30.0	3.5'	6.5'	10.0'	6.5'	3.5'	6"
15 + 30.0 to 15 + 40.0	VARIES 3.5' to 0.0'	VARIES 6.5' to 9.7'	VARIES 10.0' to 10.3'	VARIES 6.5' to 9.7'	VARIES 3.5' to 0.0'	VARIES 6" to 0"
15 + 40.0 to 16 + 06.0	EXISTING BOX STRUCTURE at FANTASY LANE					
16 + 06.0 to 16 + 16.0	VARIES 0.0' to 3.5'	VARIES 9.7' to 6.5'	VARIES 10.3' to 10.0'	VARIES 9.7' to 6.5'	VARIES 0.0' to 3.5'	VARIES 0" to 6"
16 + 16.0 to 25 + 82.0	3.5'	6.5'	10.0'	6.5'	3.5'	6"
25 + 82.0 to 25 + 92.0	VARIES 3.5' to 1.0'	VARIES 6.5' to 9.0'	VARIES 10.0' to 12.4'	VARIES 6.5' to 9.0'	VARIES 3.5' to 1.0'	VARIES 6" to 0"
25 + 92.0 to 26 + 97.0	EXISTING BOX STRUCTURE at BRUCE STREET					

Revisions

W.O. no. 3370

Scale (h) AS INDICATED

Scale (v) AS INDICATED

File. bk. no. 78-1X

Date 2-7-78

Design by Steve J. Jackson

Drawn by N. Fariss

Approved by the Director of Public Services

Date 2/10/78

Department of Public Services

Engineering Design Division

WASHINGTON AVENUE

DROP STRUCTURE

CHANNEL DRAINAGE IMPROVEMENTS

DETAILS -

8

5

327-V 160

Drawing no.