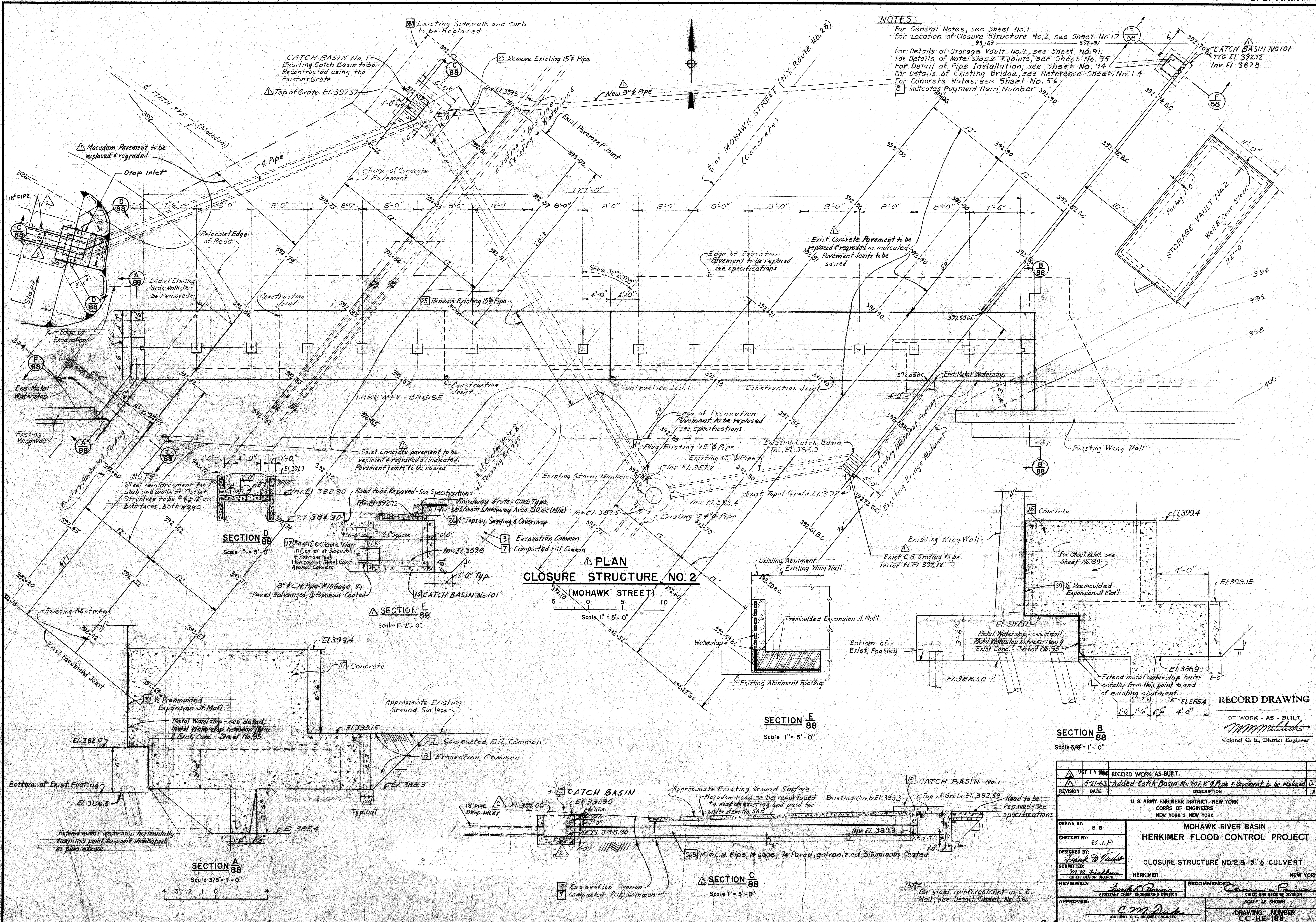


NOTES:
For General Notes, see Sheet No. 1
For Location of Closure Structure No. 2, see Sheet No. 17
For Details of Storage Vault No. 2, see Sheet No. 91.
For Details of Waterstops & Joints, see Sheet No. 95
For Detail of Pipe Installation, see Sheet No. 94
For Details of Existing Bridge, see Reference Sheets No. 1-4
For Concrete Notes, see Sheet No. 56
8 Indicates Payment Item Number

REVISION	DATE	DESCRIPTION	BY
2	OCT 14 1964	RECORD WORK AS BUILT	
1	5-27-63	Added Catch Basin No 101, 8"φ Pipe & Pavement to be replaced	D.S.

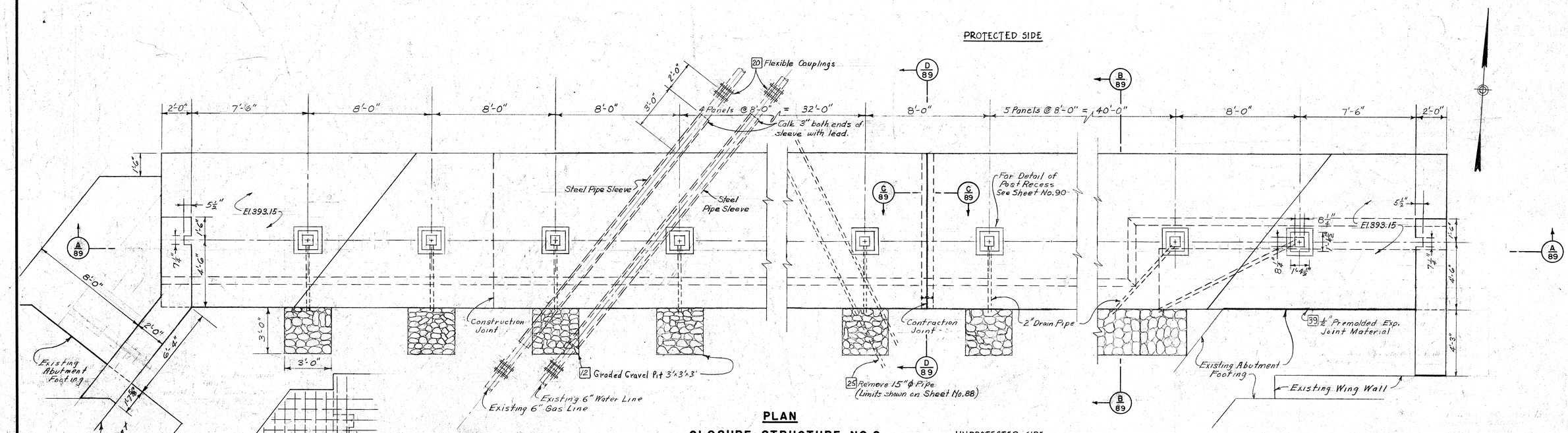
U. S. ARMY ENGINEER DISTRICT, NEW YORK
CORPS OF ENGINEERS
NEW YORK 3, NEW YORK

DRAWN BY: B. B.
CHECKED BY: B.J.P.
DESIGNED BY: Frank D. Tucker
SUBMITTED: M. N. Fialkow, CHIEF, DESIGN BRANCH

MOHAWK RIVER BASIN
HERKIMER FLOOD CONTROL PROJECT
CLOSURE STRUCTURE NO. 2 & 15" φ CULVERT
HERKIMER — NEW YORK

REVIEWED: Frank L. Panuzio, ASSISTANT CHIEF, ENGINEERING DIVISION
RECOMMENDED: CHIEF, ENGINEERING DIVISION
APPROVED: C. M. Duke, COLONEL C. E., DISTRICT ENGINEER
DATE 12 OCT. 1961

SCALE AS SHOWN
DRAWING NUMBER CC-HE-188
SHEET 88 OF 98



PLAN

CLOSURE STRUCTURE NO. 2

(MOHAWK STREET)

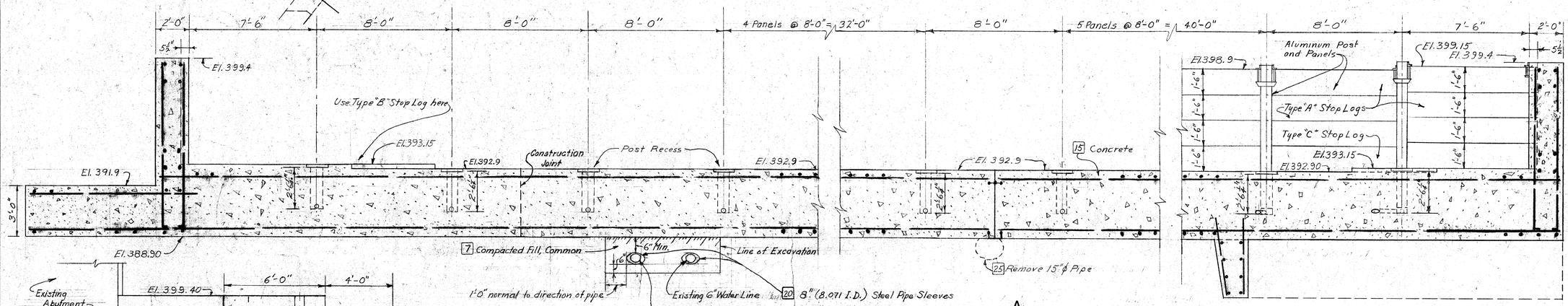
2 0 2 4

Scale 3/8" = 1'-0"

NOTE: All Steel Reinf. to be #5 as shown. Top Steel Reinf. similar pattern.

PLAN - BOTTOM STEEL REINF.

NOT TO SCALE



SECTION A/89

Scale 3/8" = 1'-0"

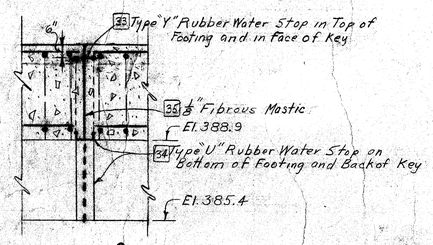
SECTION B/89

Scale 3/8" = 1'-0"

SECTION D/89

5 0 5

Scale: 1" = 5'-0"



SECTION C/89

Scale 3/8" = 1'-0"

NOTES:

For General Notes, see Sheet No. 1
For Location of Closure Structure No. 2, see Sheet No. 17
For Additional Details of Closure Structure No. 2, see Sheets No. 88 & 90
For Details of Waterstops & Joint Details, see Sheet No. 95
For Details of Existing Bridge, see Reference Sheets No. 1 thru. 4
For Concrete Notes, see Sheet No. 56
[8] Indicates Payment Item Number
All steel reinforcement on this sheet to be #5@12" except as otherwise noted or shown.

REVISION	DATE	DESCRIPTION	BY
	OCT 14 1964	RECORD WORK AS BUILT (NO CHANGE)	
1	5-1963	Added additional Pavement to be repaved	D.S.

U.S. ARMY ENGINEER DISTRICT, NEW YORK
CORPS OF ENGINEERS
NEW YORK 3, NEW YORK

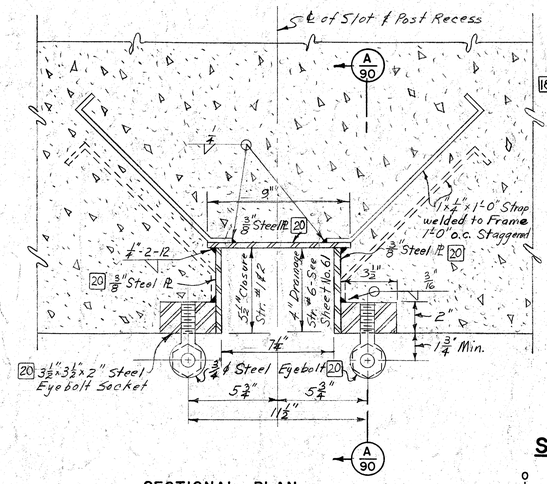
DRAWN BY: A. R.
CHECKED BY: ADP
DESIGNED BY: D. DiPietro
SUBMITTED: M. N. Fiallow, CHIEF, DESIGN BRANCH

MOHAWK RIVER BASIN
HERKIMER FLOOD CONTROL PROJECT
CLOSURE STRUCTURE NO. 2 DETAILS
HERKIMER NEW YORK

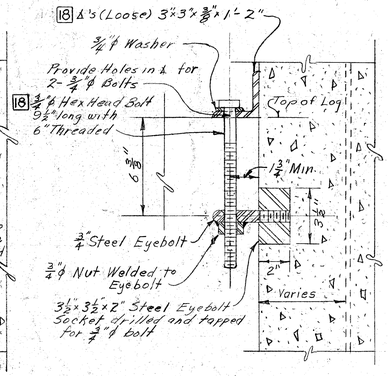
REVIEWED: Frank L. Panuzio, ASSISTANT CHIEF, ENGINEERING DIVISION
RECOMMENDED: Carmen Piccirillo, CHIEF, ENGINEERING DIVISION
APPROVED: C. M. Duke, COLONEL C. E. DISTRICT ENGINEER
DATE 12 OCT. 1961
SCALE AS SHOWN
DRAWING NUMBER CC-HE-189
SHEET 89 OF 98

RECORD DRAWING
OF WORK - AS - BUILT
M M Mitchell
Colonel C. E., District Engineer

REVIEWED BY SAFETY BRANCH

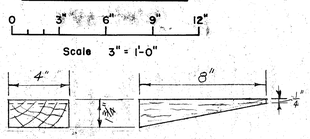


SECTIONAL PLAN



SECTION A/90

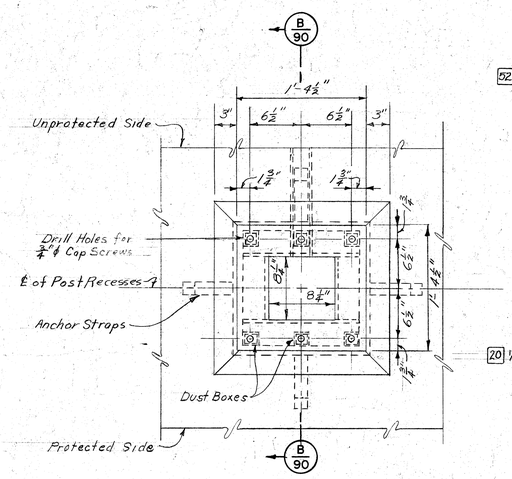
SLOT DETAILS



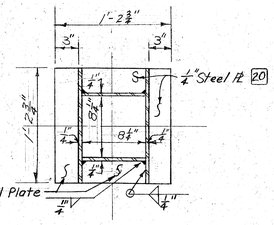
52 DETAIL OF HARDWOOD WEDGE

Scale 3" = 1'-0"

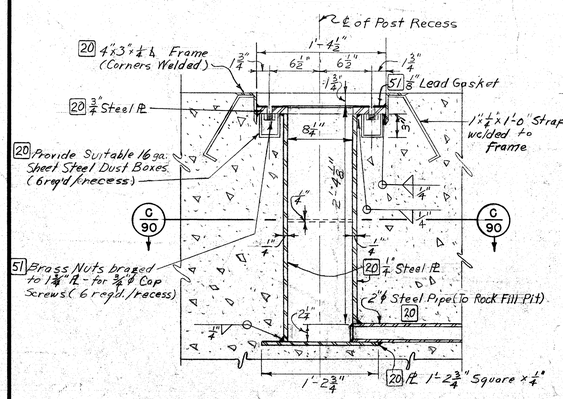
84 REQUIRED NO.1
260 REQUIRED NO.2



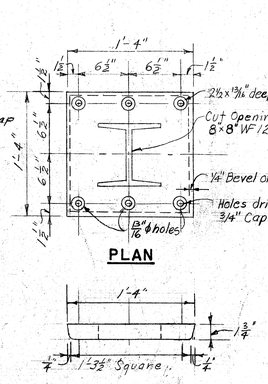
PLAN



SECTION C/90
Scale 1 1/2" = 1'-0"



SECTION B/90



PLAN

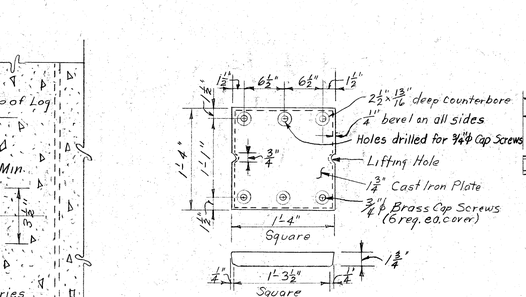
ELEVATION

DETAILS OF POST RECESS

Scale 1 1/2" = 1'-0"

18 DETAIL OF POST BASE PLATE

Scale 1 1/2" = 1'-0"
18 REQUIRED



FRONT VIEW SIDE VIEW

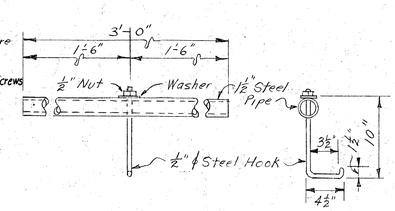
DETAILS OF CLOSURE STRUCTURE POSTS

Not to Scale

3 REQUIRED NO.1
15 REQUIRED NO.2

NOTE: Slots for 1/2" ϕ Field Bolts to be omitted on Logs for Drainage Structure No.6

20 COVER PLATE
18 REQUIRED

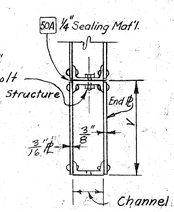


20 HANDLING HOOK
6 REQUIRED

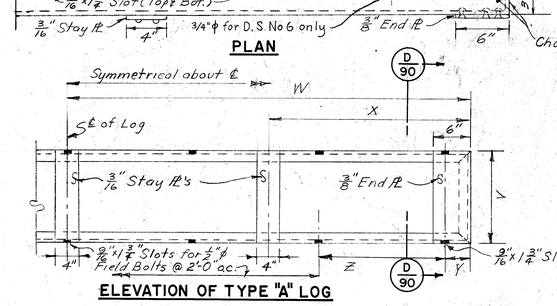
DIMENSIONS OF STOP LOGS

STRUCTURE	TYPE LOG	No. REQ'D	LENGTH	ALUMINUM CHANNEL	DIMENSION LINE V	W	X	Y	Z
Closure Str. No.1	A	10	8'-10 3/8"	6 [2.83	1'-4"	4'-5 4"	2'-2 5/8"	5 1/4"	2'-0"
Closure Str. No.1	A	10	6'-4 3/8"	6 [2.83	1'-4"	3'-2 7/16"	1'-7 5/8"	4"	1'-10 3/16"
Closure Str. No.2	A	62	7'-10 3/8"	6 [2.83	1'-6"	3'-11 3/16"	1'-11 5/8"	4"	1'-7 3/16"
Closure Str. No.2	B	1	7'-10 3/8"	6 [2.83	——	3'-11 3/16"*	1'-11 5/8"*	4"	1'-7 3/16"
Closure Str. No.2	C	1	7'-10 3/8"	6 [2.83	——	3'-11 3/16"	1'-11 5/8"*	4"	1'-7 3/16"
Drainage Str. No.6 (Outside)	A	5	7'-7 1/2"	6 [2.83	1'-6"	3'-9 3/4"	1'-10 7/8"	——	——

* Except as indicated for stepped side in detail at right

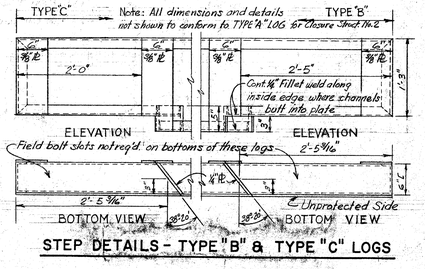


SECTION D/90



PLAN

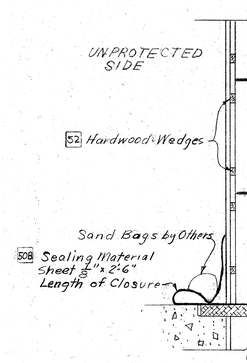
ELEVATION OF TYPE "A" LOG

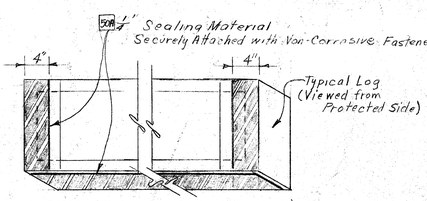


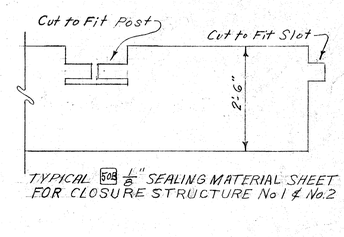
STEP DETAILS - TYPE "B" & TYPE "C" LOGS

18-21 DETAILS OF ALUMINUM STOP LOGS

Not to Scale







DETAILS OF LOG SEALING MATERIAL

Not to Scale

NOTES:
For General Notes see Sheet No.1.
For Location of Closure Structures No.1 & No.2, see Sheets No.11 & No.17.
For Details of Closure Structures No.1 & No.2, see Sheets No.87 & No.88.
For Location of Drainage Structure No.6 see Sheet No.27.
Structural Aluminum shall be high Strength Aluminum Alloy known commercially as 2014-T6 (formerly 145-TG) Min. yield strength 53 K/in², Min. Tensile strength 60 K/in².
For Concrete Notes, see Sheet No. 56
8 Indicates Payment Item Number

RECORD DRAWING
OF WORK - AS - BUILT
Colonel C. E., District Engineer
REVIEWED BY SAFETY BRANCH

REVISION	DATE	DESCRIPTION	BY
	OCT 14 1964	RECORD WORK AS BUILT (NO CHANGE)	

U.S. ARMY ENGINEER DISTRICT, NEW YORK
CORPS OF ENGINEERS
NEW YORK 3, NEW YORK

DRAWN BY: J. T.
CHECKED BY: ADP
DESIGNED BY: ADP
SUBMITTED: M. M. Fiddleman, CHIEF, DESIGN BRANCH
REVIEWED: Frank C. Rowzie, ASSISTANT CHIEF, ENGINEERING DIVISION
RECOMMENDED: Carroll R. Price, CHIEF, ENGINEERING DIVISION
APPROVED: C. M. Dunbar, COLONEL, C. E. DISTRICT ENGINEER
DATE 12 OCT. 1961

MOHAWK RIVER BASIN
HERKIMER FLOOD CONTROL PROJECT
CLOSURE STRUCTURES NO. 1 & 2 - DETAILS
HERKIMER NEW YORK
SCALE AS SHOWN
DRAWING NUMBER CC-HE-190
SHEET 90 OF 98