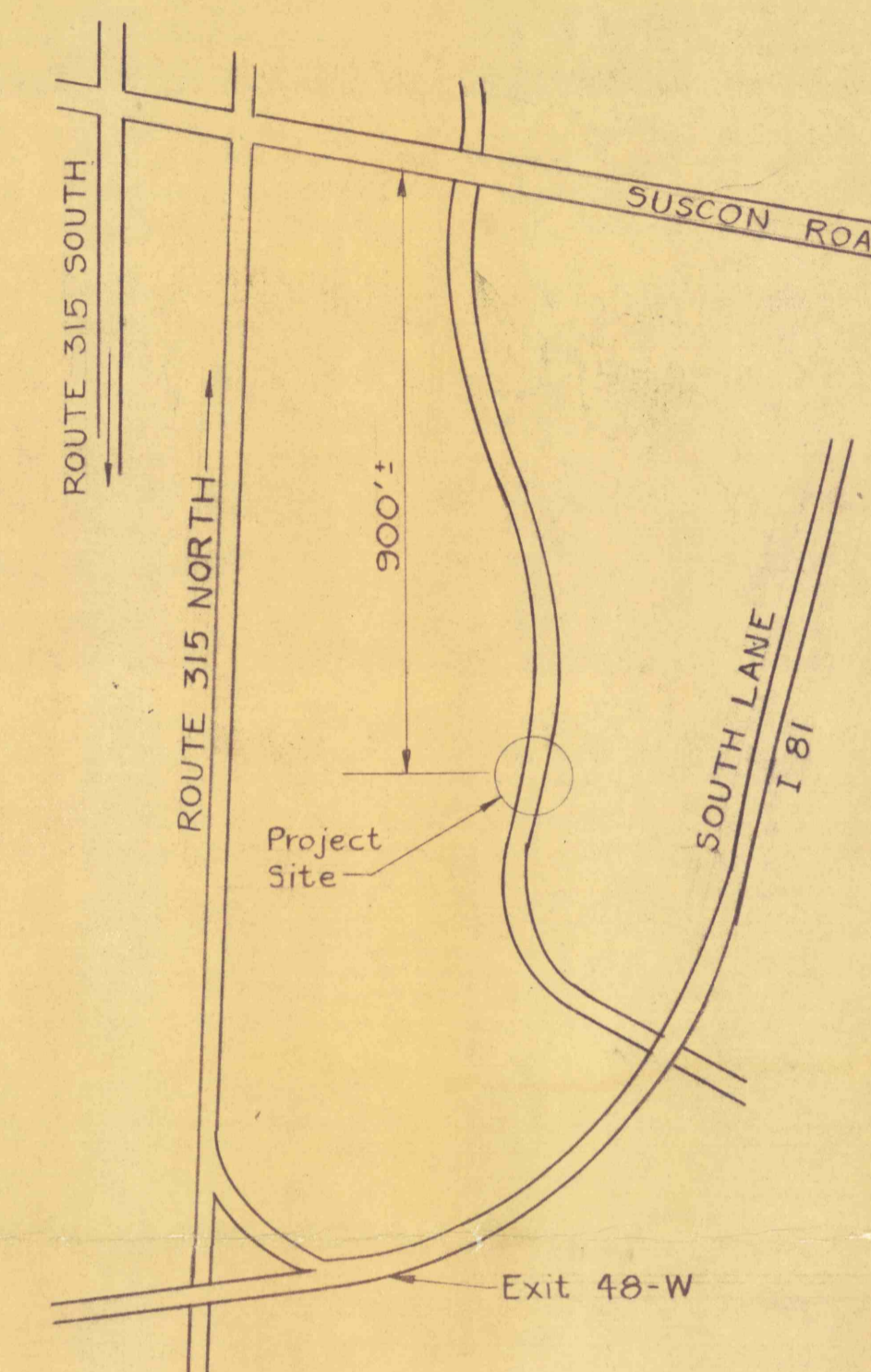
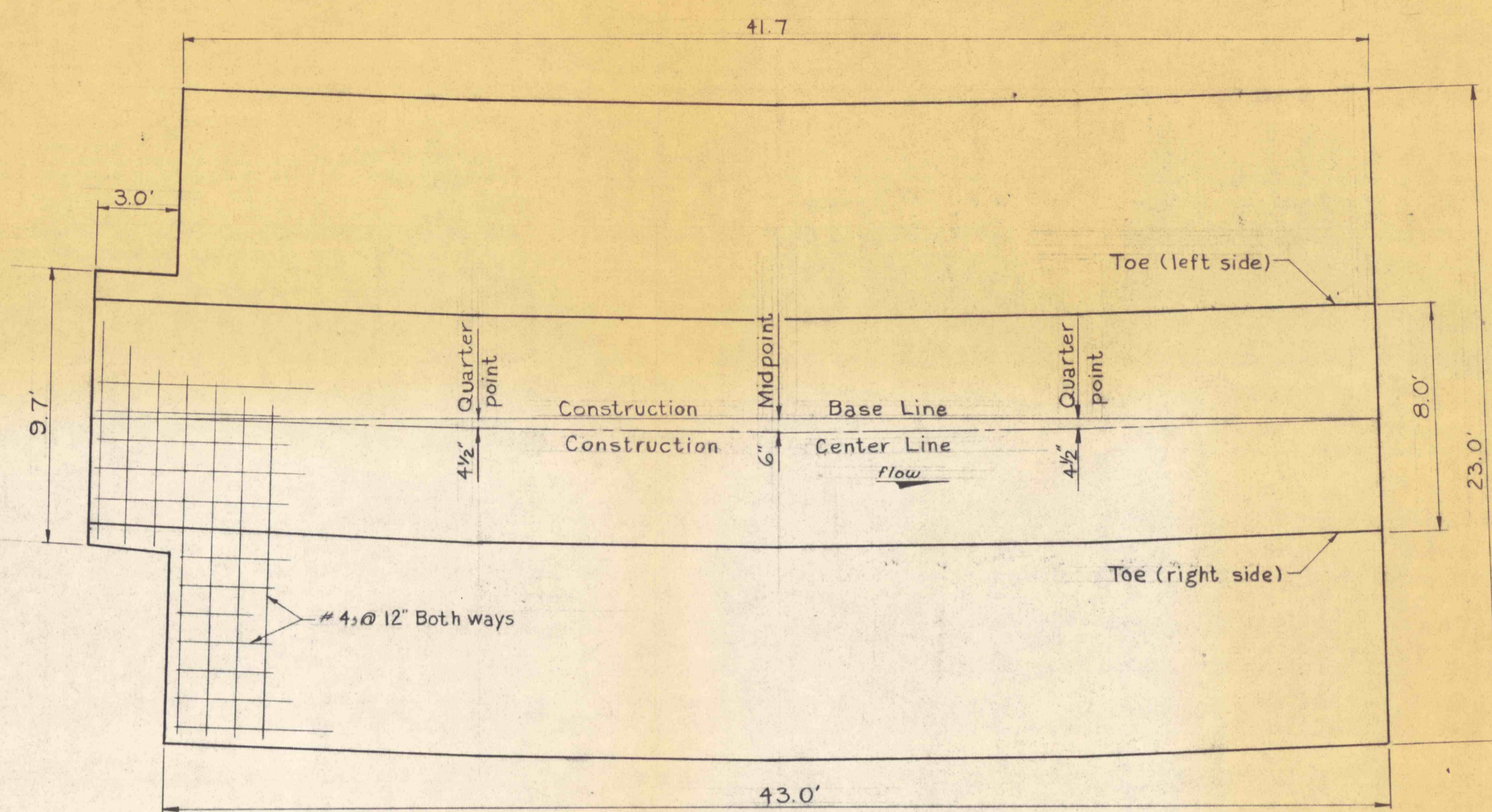


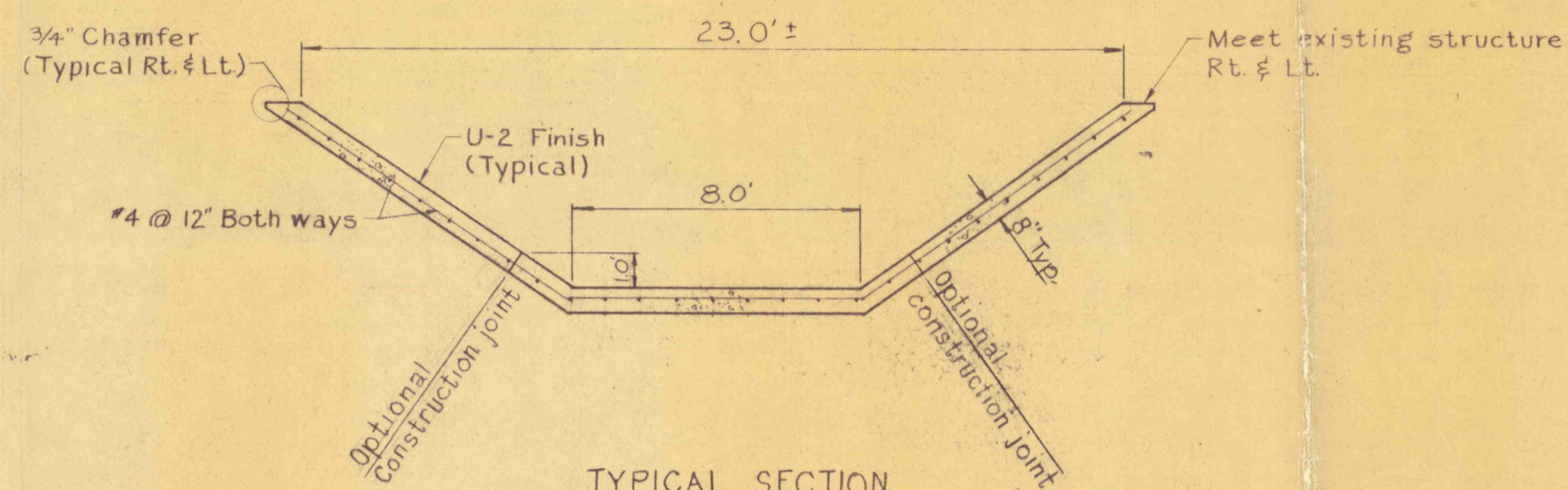
LOCATION MAP
Scale: 1 in. = 9 mi.



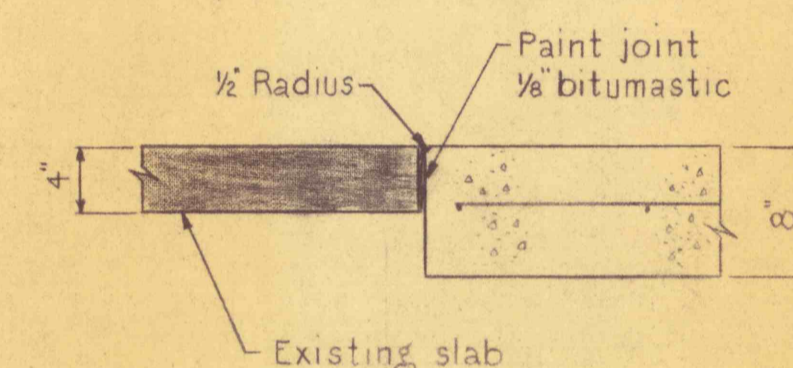
SITE LOCATION



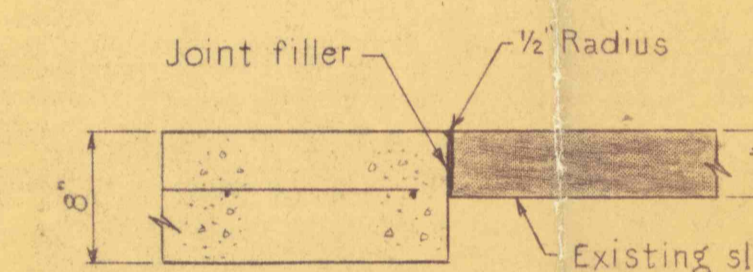
PLAN
Scale: 1 in. = 4 ft.



TYPICAL SECTION
Scale: 1 in. = 4 ft.

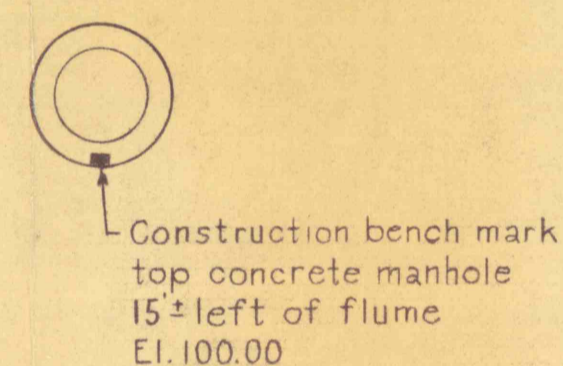


CONTRACTION JOINT



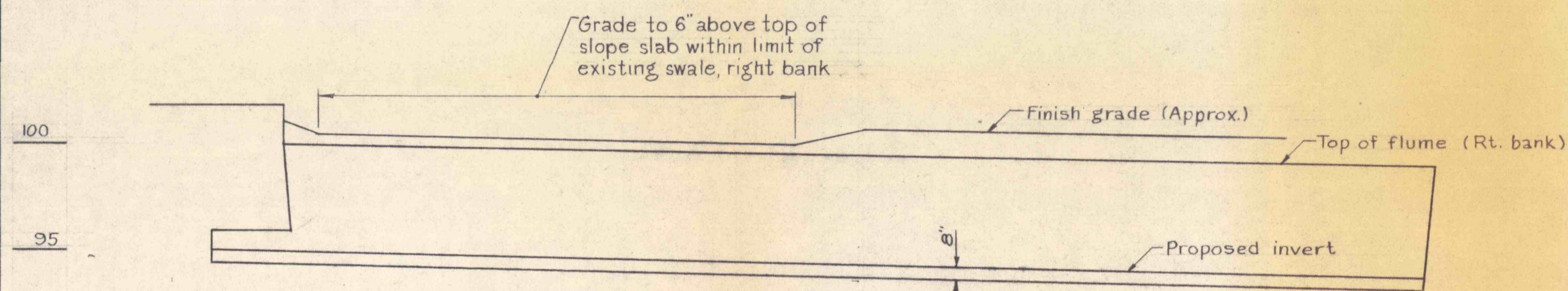
EXPANSION JOINT

JOINT DETAILS
Scale: 1 in. = 1 ft.

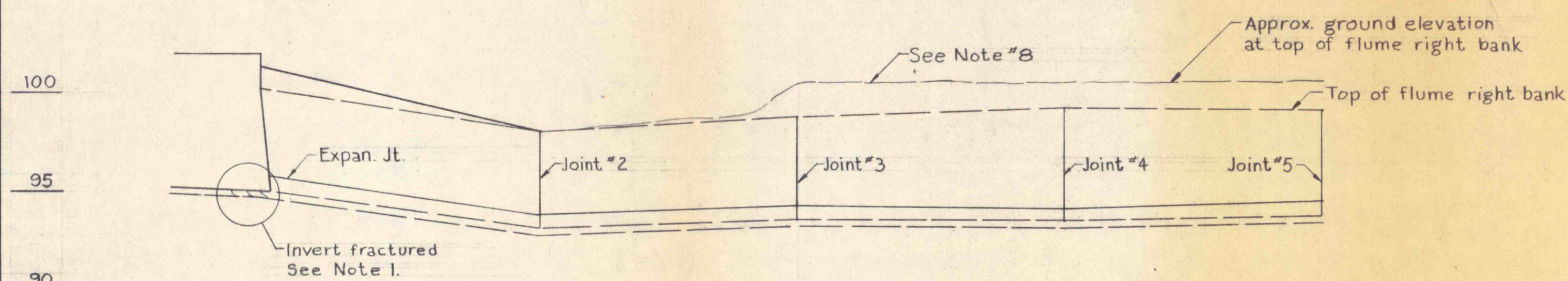


NOTES:

1. Remove existing concrete sections between joints No. 1 and No. 5 plus fractured invert from joint No. 1 to 3.0' upstream and between horizontal expansion joints on slope slabs right and left.
2. Placement of concrete and reinforcing steel per Standard Specifications, Form WCE-5 1969 Section 17.
3. Concrete shall be Class A.
4. Fill material if needed for backfilling flume subgrade and grading left bank can be obtained from right bank berm downstream of drainage swale.
5. Low areas in subgrade to be brought to line and grade with compacted backfill.
6. Final grade left bank to top of flume to uniform grade to adjacent undisturbed areas. Provide fill as needed.
7. Grade right bank berm to meet adjacent undisturbed areas. Shape and grade drainage swale as shown.
8. Restore all disturbed areas including access routes to work area.
9. All reinforcing bars shall be lapped thirty (30) diameters of the smallest bar in the splice.



NEW PROFILE
Scale: { Vert. lin. = 5 ft. / Hor. lin. = 4 ft. }



EXISTING PROFILE
Scale: { Vert. lin. = 5 ft. / Hor. lin. = 4 ft. }

NO.	DATE	REVISION	APPR.

SUBMITTED
DIRECTOR OF OPERATIONS

APPROVED
DEPUTY SECRETARY, RESOURCES MANAGEMENT

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
OFFICE OF RESOURCES MANAGEMENT

PROJECT NO. FE40-19

MINE DRAINAGE PROJECT 16
MILL CREEK

DUPONT LUZERNE CO., PA.

PLANS-PROFILES
AND SECTIONS

DRAWN BY: LJC DATE: DRAWING NO. 1 of 1
CHECKED BY: SCALE: As shown