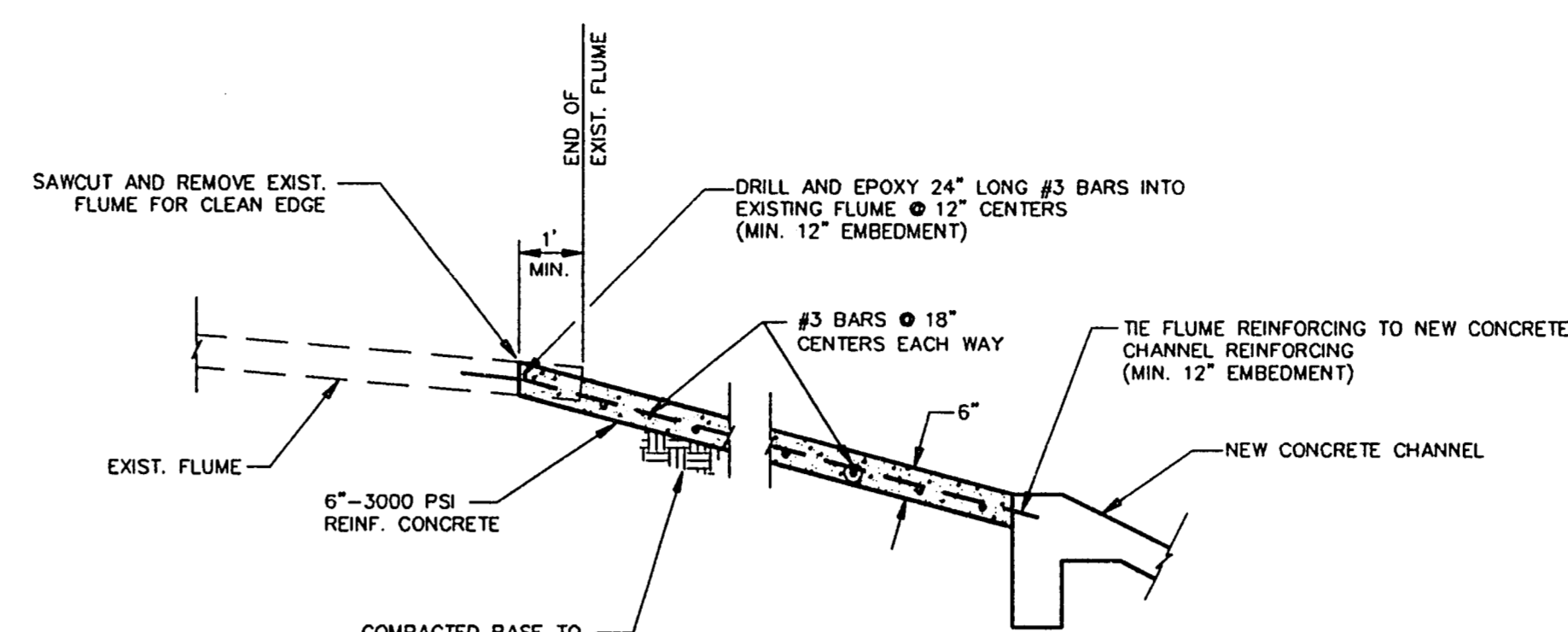
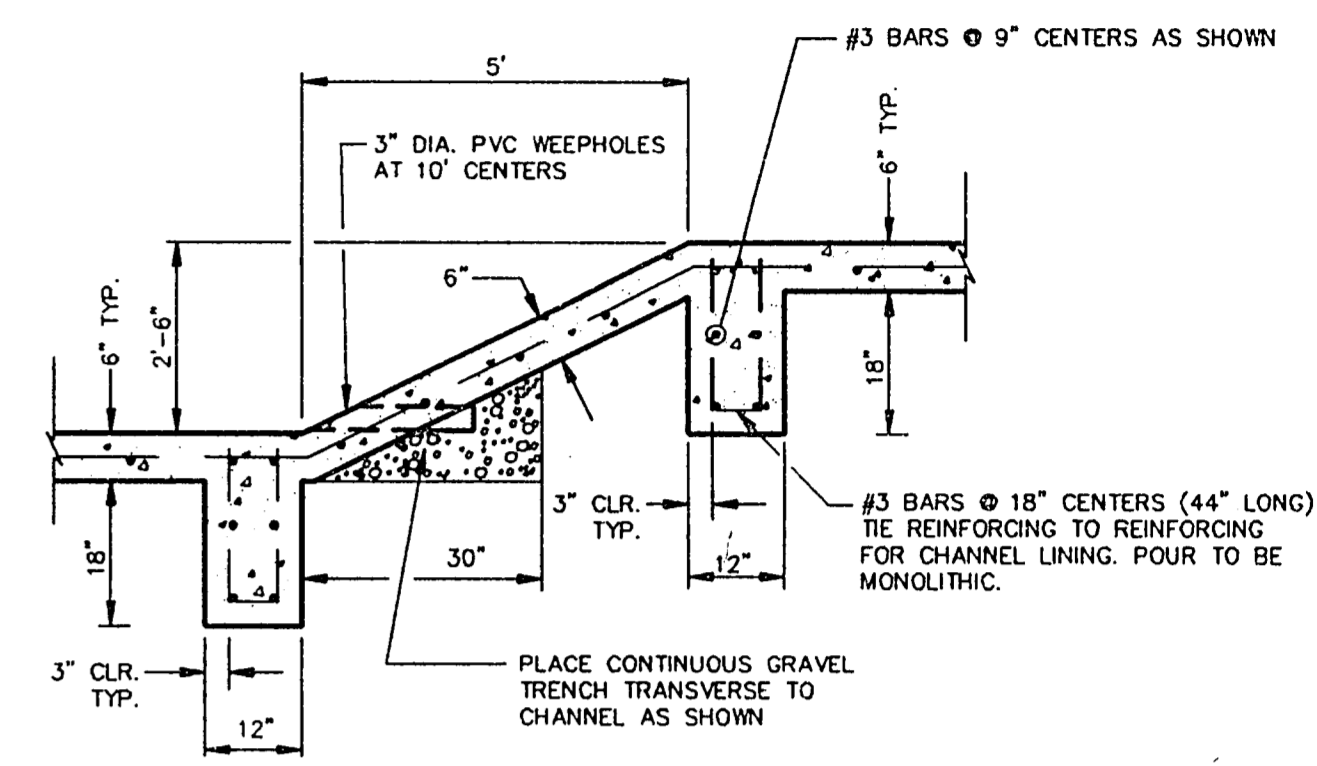


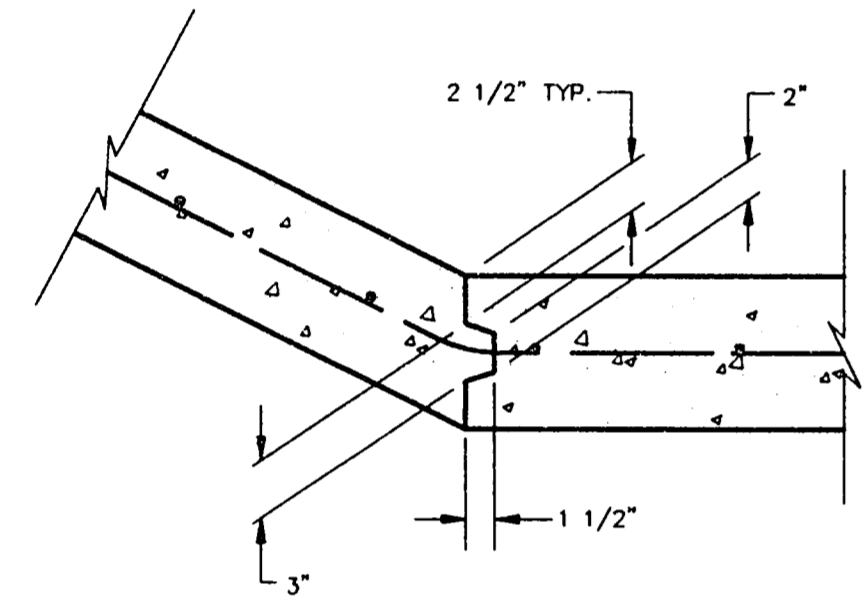
TYPICAL CHANNEL SECTION
N.T.S.



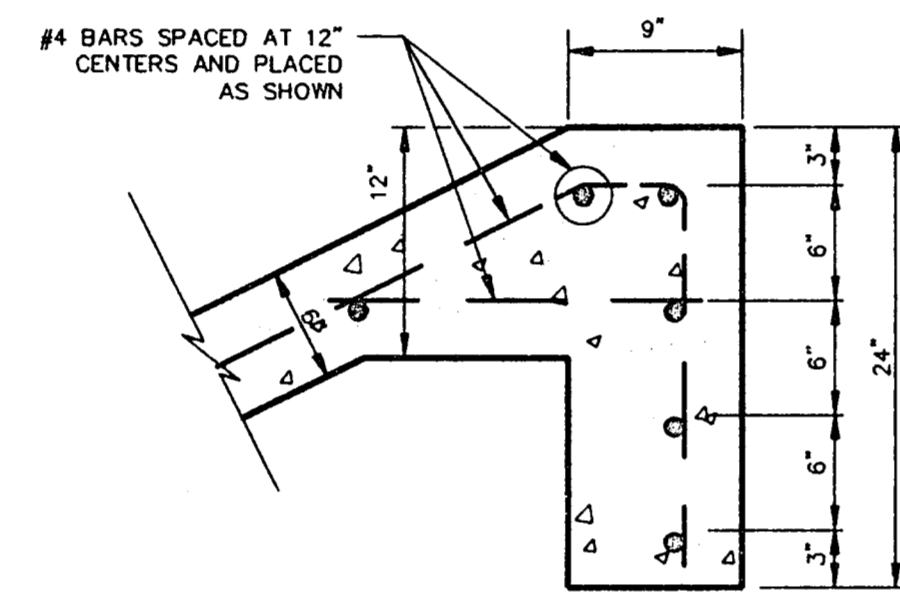
NEW FLUME SECTION
N.T.S.



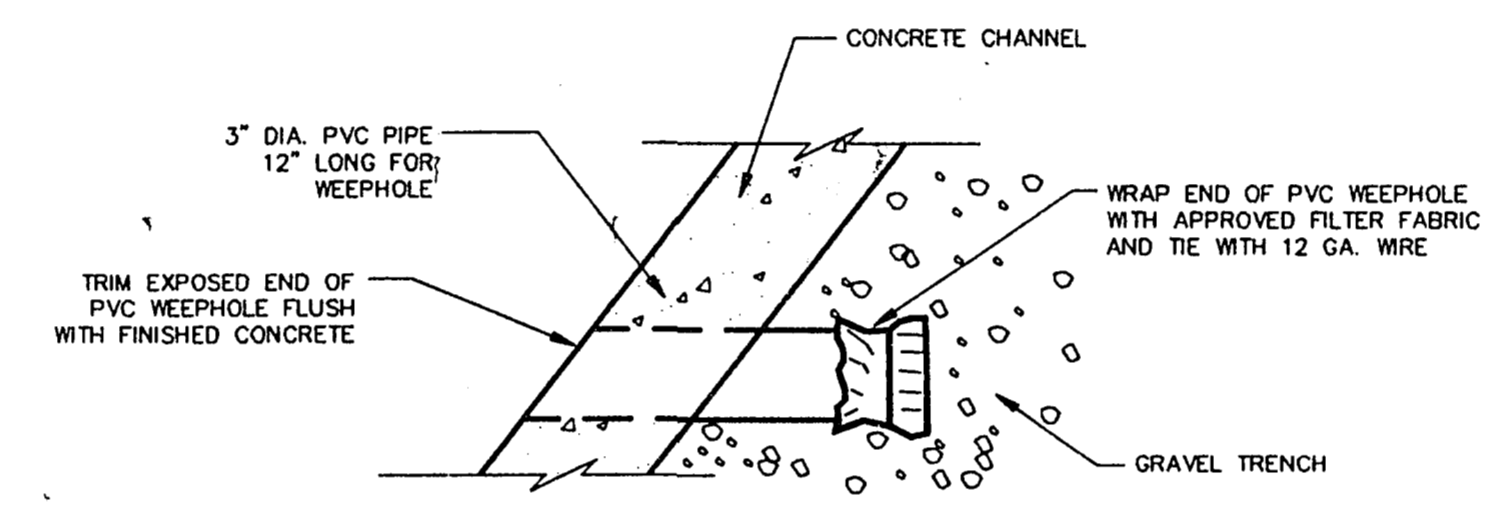
SECTION A-A
N.T.S.



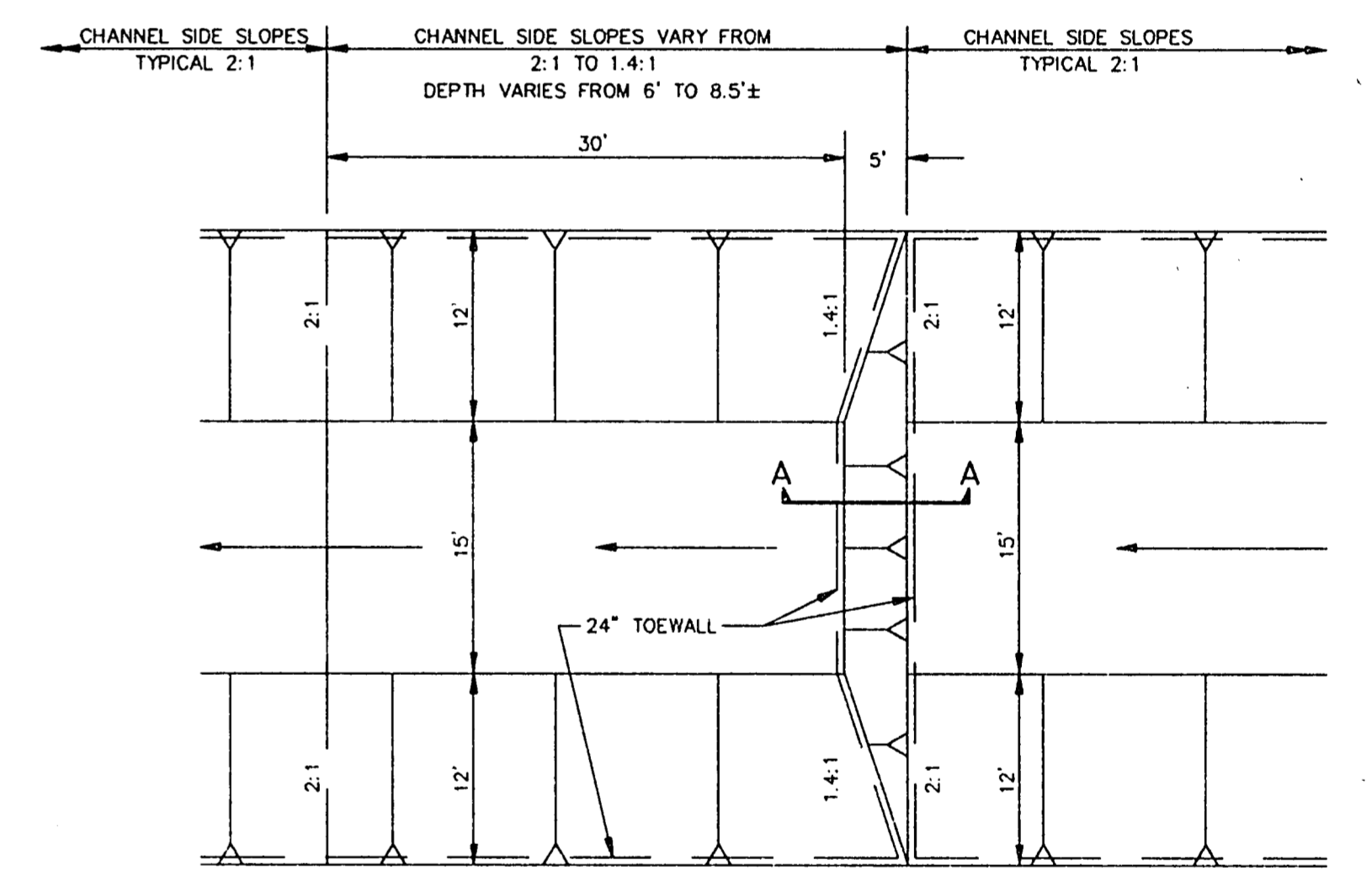
CHANNEL CONSTRUCTION JOINT
N.T.S.



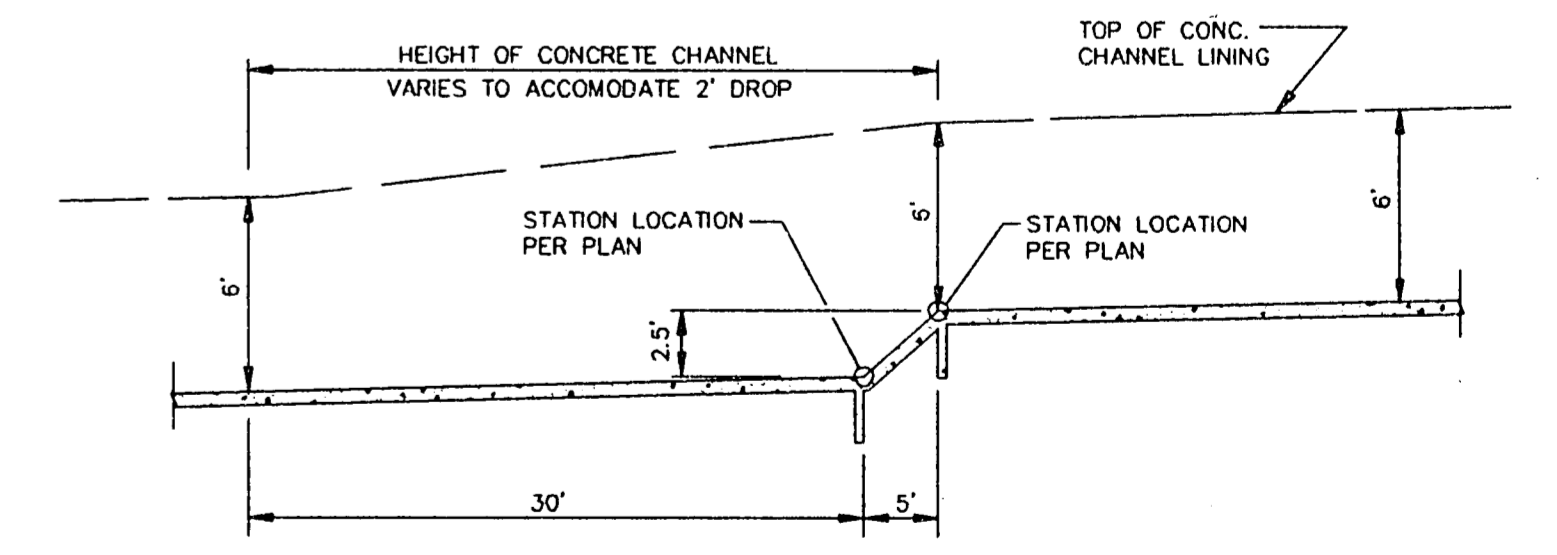
DETAIL "A"
N.T.S.



WEEPHOLE DETAIL
N.T.S.



PLAN

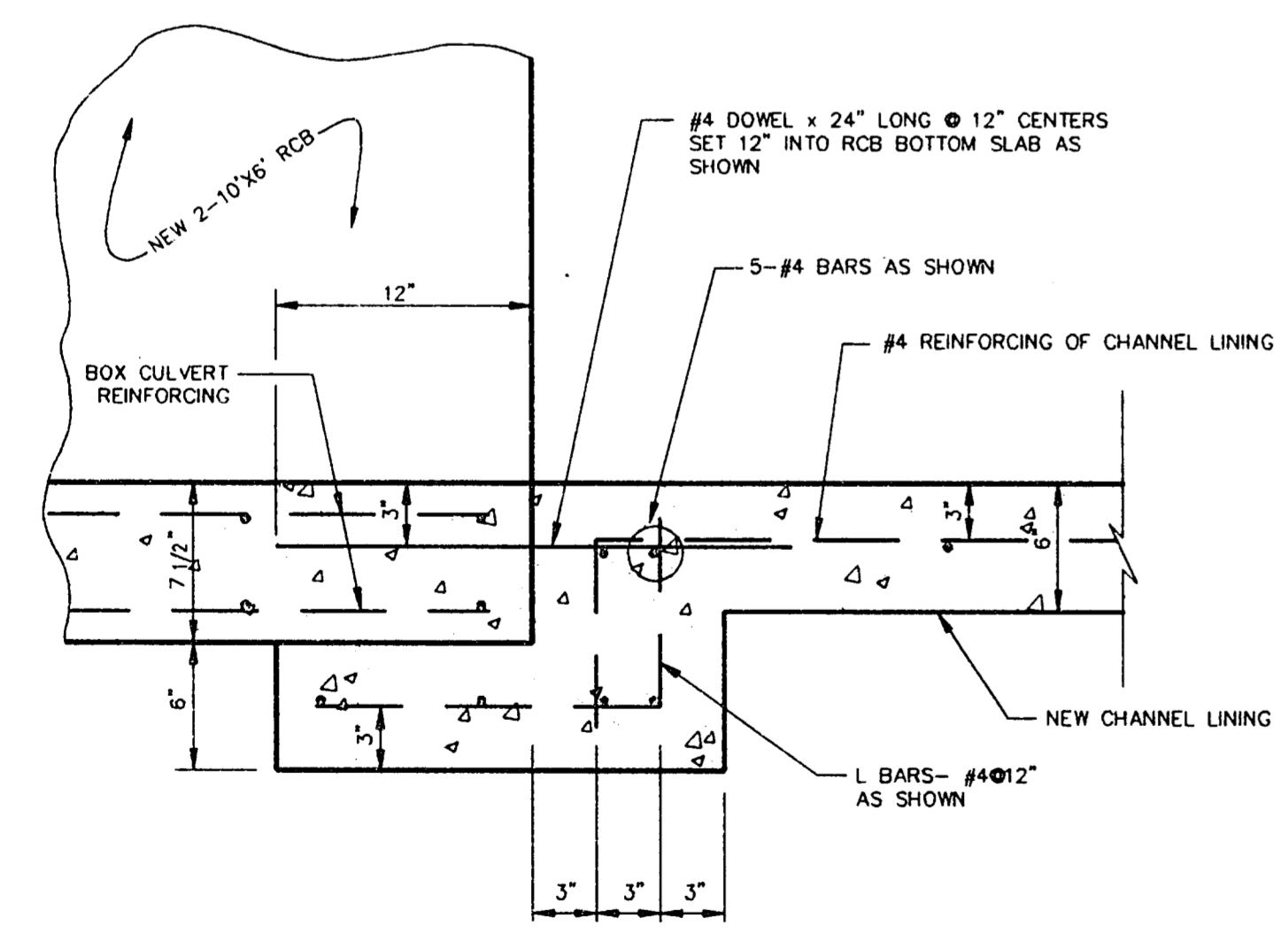


PROFILE

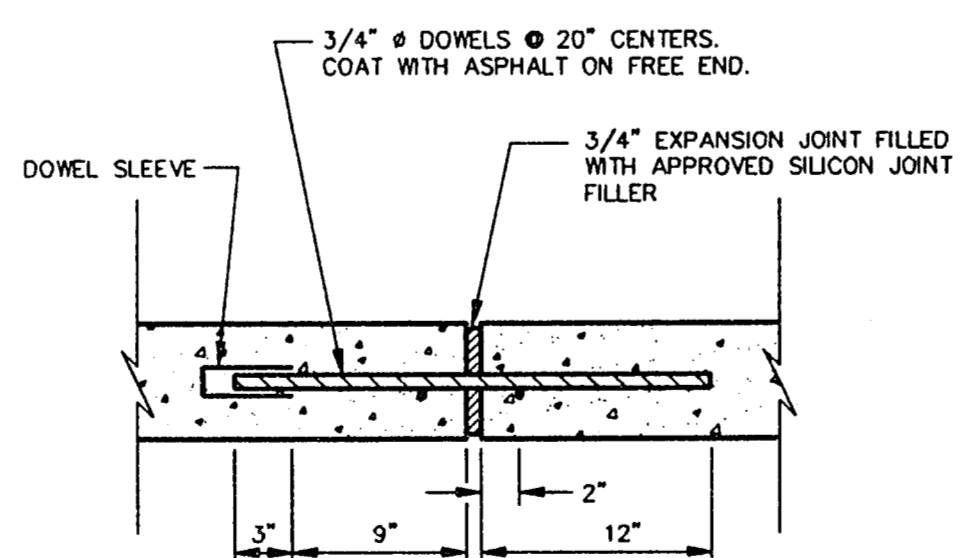
CONCRETE DROP STRUCTURE
N.T.S.

- NOTES:
1. WIDTH OF NEW FLUME TO MATCH EXISTING FLUME. LENGTH AS SHOWN ON PLAN.
 2. CENTER OF FLUME SHALL BE FORMED WITH A 2" INVERT TO CHANNEL FLOW.

- NOTES:
1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH TOWN OF ADDISON STANDARDS AND NCTCOG SPECIFICATIONS.
 2. CONTRACTOR SHALL SUBMIT TO ENGINEER METHOD OF CHANNEL CONCRETE PLACEMENT PRIOR TO CONSTRUCTION. MONOLITHIC POUR OF CHANNEL BOTTOM AND SIDE SLOPES IS ACCEPTABLE. CONSTRUCTION JOINT INFORMATION IS SHOWN ONLY AS AN OPTION.
 3. NO CONCRETE SHALL BE PLACED WITH WATER IN THE BOTTOM OF THE CHANNEL. BASE MUST BE DRY AND CLEAR OF DEBRIS AND MUD. REBAR MUST BE CLEAN.
 4. TRANSVERSE EXPANSION JOINTS MUST BE PROVIDED AT MAXIMUM 200' SPACING OR AT END OF DAYS POUR.
 5. CONSTRUCTION JOINT SHOWN FOR CONVENIENCE ONLY. CONTRACTOR MAY ELECT TO CONSTRUCT CHANNEL MONOLITHICALLY.
 6. BAR LAPS TO BE A MINIMUM 30 BAR DIAMETERS.
 7. SAWED DUMMY JOINTS (1/8" WIDE x 1 1/4" DEEP) SHALL BE SPACED AT 20' INTERVALS. ALL JOINTS TO BE SEALED WITH AN APPROVED SILICON JOINT FILLER. NO JOINTS SHALL OCCUR AT PROPOSED DROP STRUCTURES.
 8. ALL BACKFILL ADJACENT TO CHANNEL LINING IS TO BE COMPACTED TO 95% PROCTOR DENSITY.
 9. USE A SMOOTH TROWEL FINISH ON BOTTOM AND SLOPED SURFACES. USE ORDINARY SURFACE FINISH ON VERTICAL SURFACES.
 10. IF WOOD FORMS ARE USED FOR THE CONSTRUCTION JOINT, THEY SHALL BE TWO 2"x4", AND SHALL NOT BE REMOVED UNTIL CONCRETE ON SLOPES IS READY TO BE PLACED.



CHANNEL LINING TO BOX CULVERT SECTION
1 1/2"=1'0"



CHANNEL TRANSVERSE EXPANSION JOINT
N.T.S.

NO.	REVISION	BY	DATE

DESIGNED BY: J. WALDBAUER
 DRAWN BY: EH&A
 CHECKED BY: B GRANTHAM
 SCALE: AS NOTED
 DATE: AUGUST, 1993
 FILE: \ADDBANK\DETAILS1

EH&A Espey, Huston & Associates, Inc.
 Engineering & Environmental Consultants
 13800 Montfort Drive, Suite 230
 Dallas, Texas 75240 (214) 387-0771

DRAINAGE DETAILS
 TU ELECTRIC/ADDISON BANK
 DRAINAGE PROJECT
 for
 THE TOWN OF ADDISON

SHEET NO. 5
 OF 7 SHEETS
 JOB NO. 14911