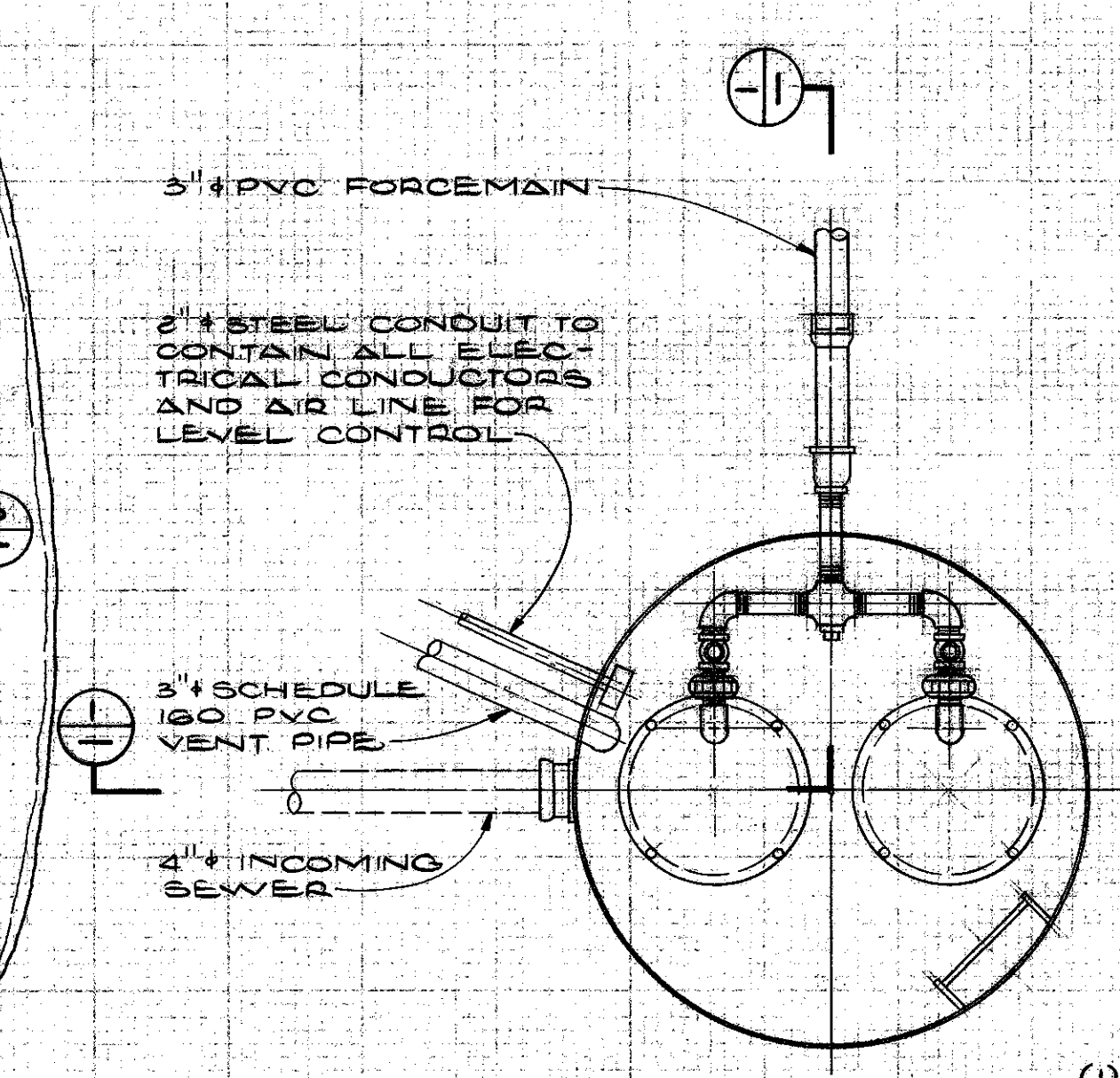


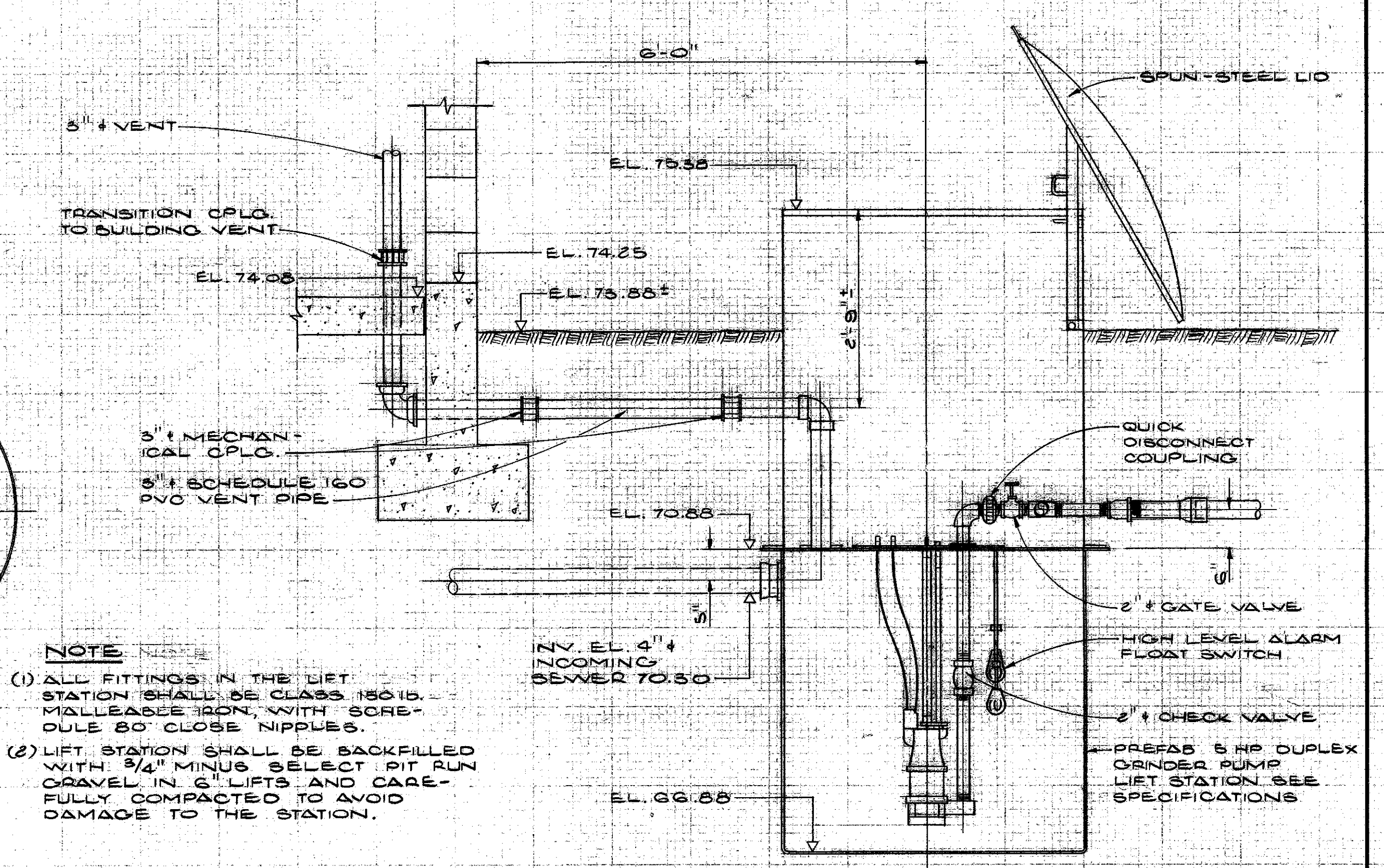
**SITE PLAN**  
SCALE: 1/4" = 1'-0"

**NOTE**  
SEWAGE FORCEMAIN 10' FROM 20" S.C. HYDRO EASEMENT 5' FROM EXISTING WATERMAIN USE PVC FITTINGS AND PULL JOINTS TO MAINTAIN HORIZONTAL AND VERTICAL ALIGNMENT (MAINTAIN 3' MIN. COVER)



**PLAN**

**NOTE**  
(1) ALL FITTINGS IN THE LIFT STATION SHALL BE CLASS 150 LB. MALLEABLE IRON, WITH SCREW-ON 80° CLOSE NIPPLES.  
(2) LIFT STATION SHALL BE BACKFILLED WITH 3/4" MINUS SELECT PIT RUN GRAVEL IN 6" LIFTS AND CAREFULLY COMPACTED TO AVOID DAMAGE TO THE STATION.

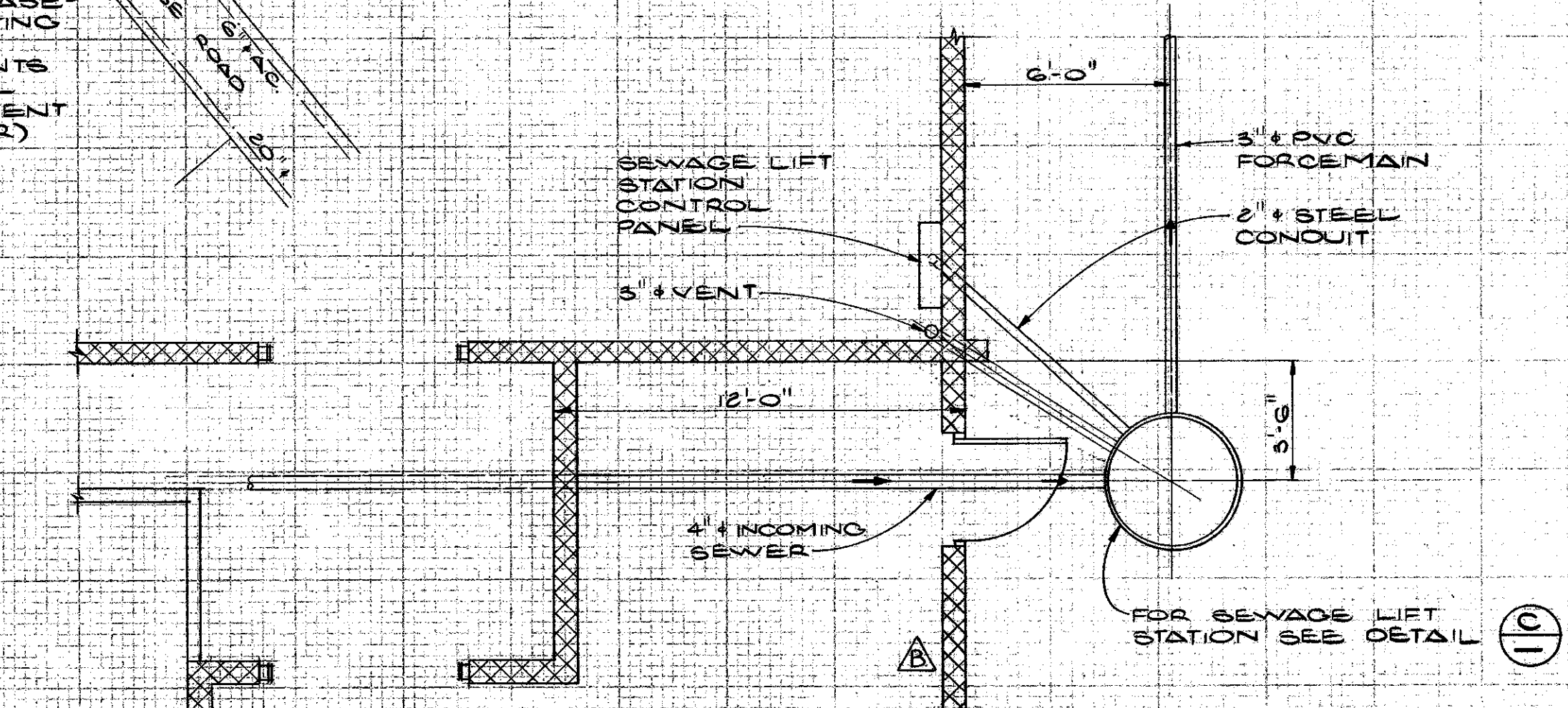


**SECTION**

**SEWAGE LIFT STATION**

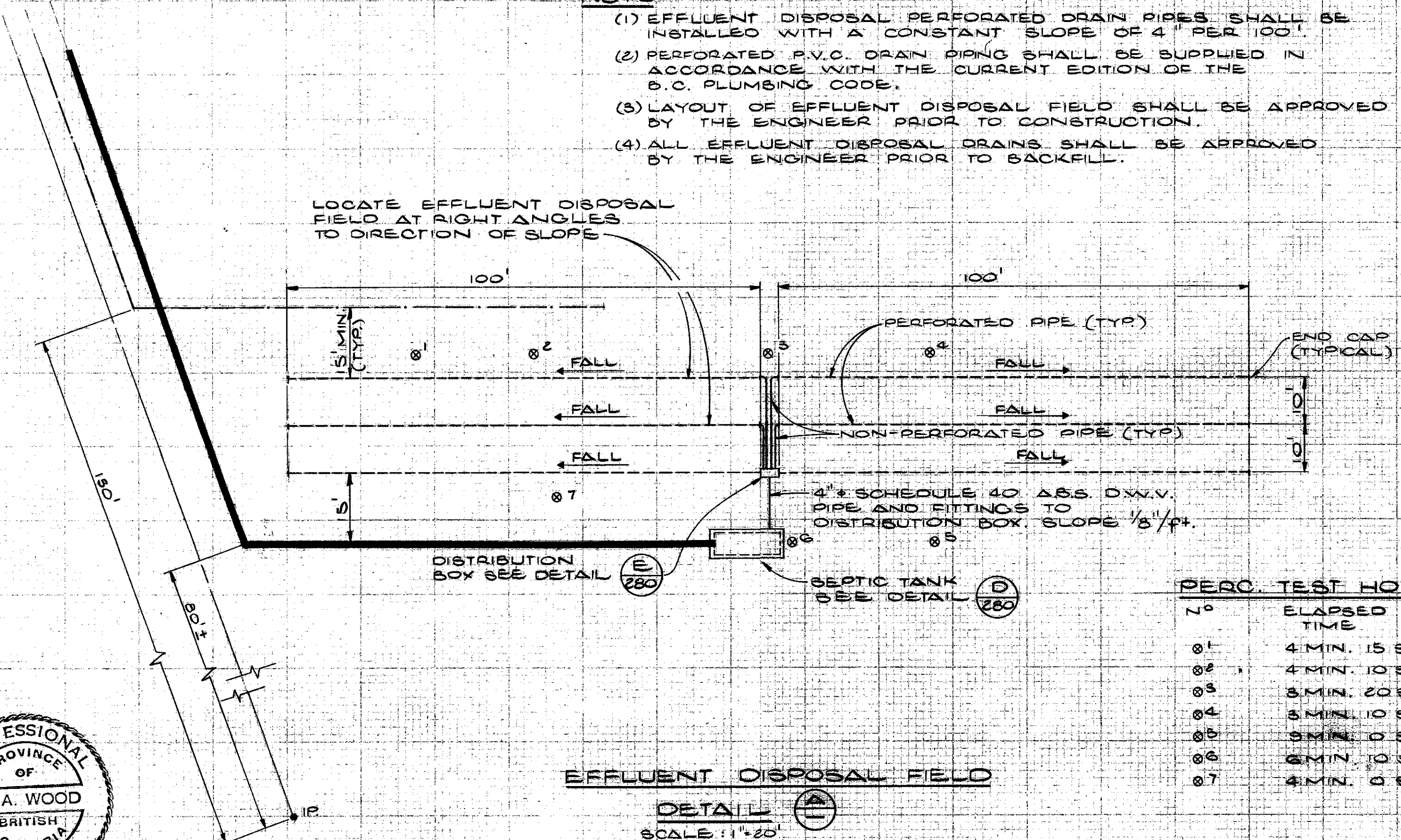
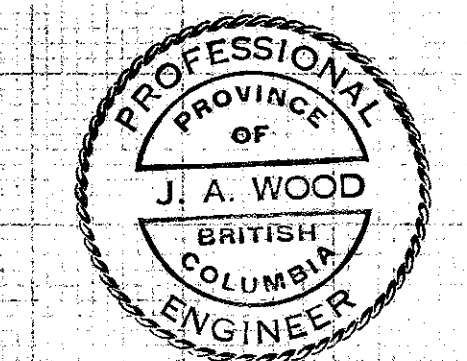
**DETAIL (C)**  
SCALE: 3/4" = 1'-0"

**NOTE**  
(1) EFFLUENT DISPOSAL PERFORATED DRAIN PIPES SHALL BE INSTALLED WITH A CONSTANT SLOPE OF 4" PER 100'.  
(2) PERFORATED P.V.C. DRAIN PIPING SHALL BE SUPPLIED IN ACCORDANCE WITH THE CURRENT EDITION OF THE B.C. PLUMBING CODE.  
(3) LAYOUT OF EFFLUENT DISPOSAL FIELD SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.  
(4) ALL EFFLUENT DISPOSAL DRAINS SHALL BE APPROVED BY THE ENGINEER PRIOR TO BACKFILL.



**LOCATION PLAN**

**DETAIL (D)**  
SCALE: 1/4" = 1'-0"



**EFFLUENT DISPOSAL FIELD**

**DETAIL (E)**  
SCALE: 1" = 20'

PERC. TEST HOLES	
No	ELAPSED TIME
01	4 MIN. 15 SEC.
02	4 MIN. 10 SEC.
03	3 MIN. 20 SEC.
04	3 MIN. 10 SEC.
05	3 MIN. 0 SEC.
06	6 MIN. 0 SEC.
07	4 MIN. 0 SEC.

ISSUE	DATE	DRN	CHD	APPD.	DESCRIPTION
1					MASONRY WALL ADDED

DEPARTMENT OF THE ENVIRONMENT  
FISHERIES AND MARINE SERVICE  
DESIGNED: J.A.W.  
DRAWN: RK  
CHECKED: JAW

KERR WOOD LEIDAL ASSOCIATES LTD.  
CONSULTING ENGINEERS  
APRIL 6, 1979

DEPARTMENT OF THE ENVIRONMENT  
PUNTLEIDGE RIVER HATCHERY  
SEWAGE LIFT STATION & EFFLUENT DISPOSAL FIELD DETAILS

K.W.L. D.W.O. NO. 19.75.7  
SCALE: AS SHOWN  
DRAWING No. 31-G-279  
SHEET 44 OF 68 ISSUE B