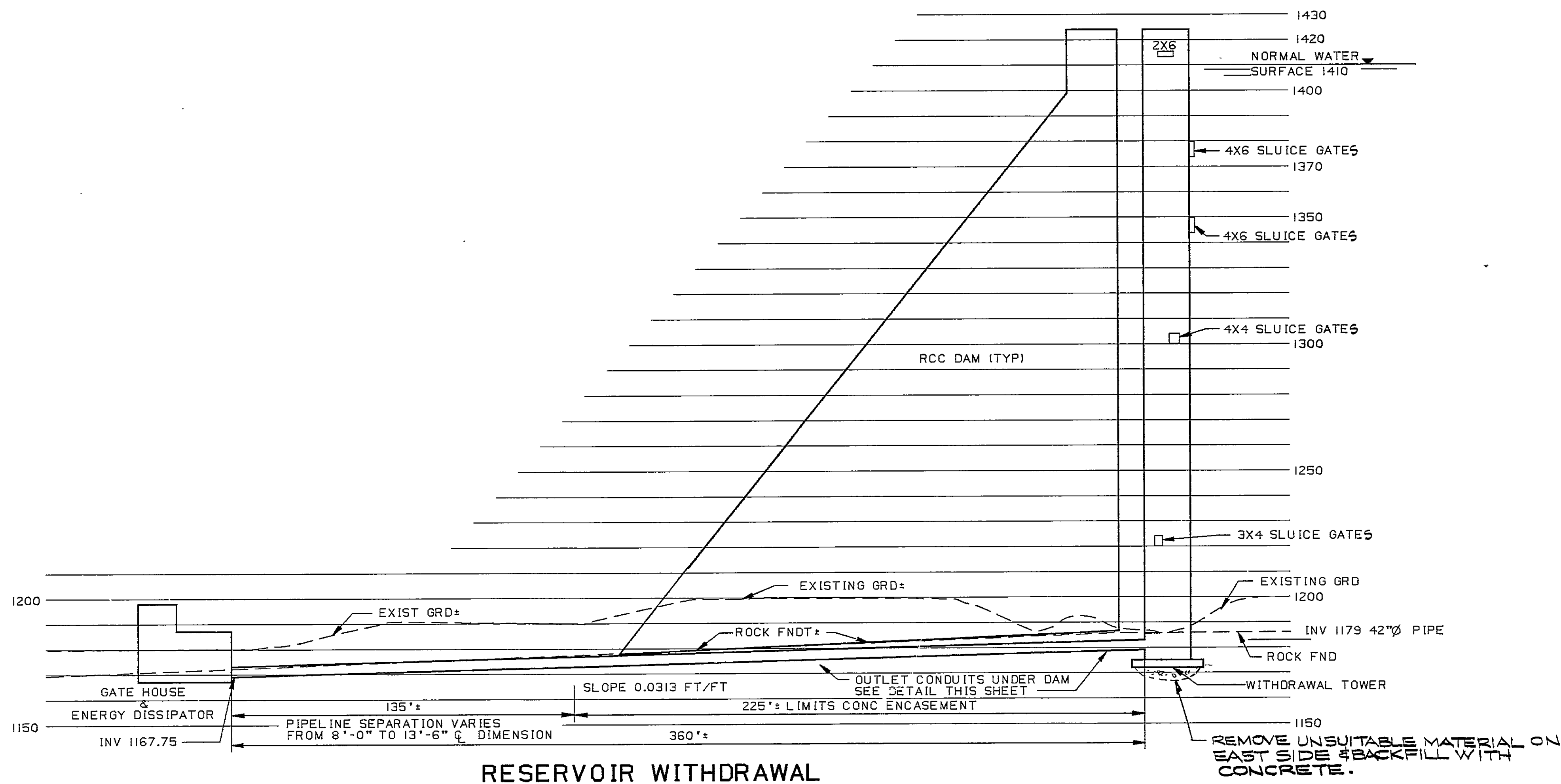
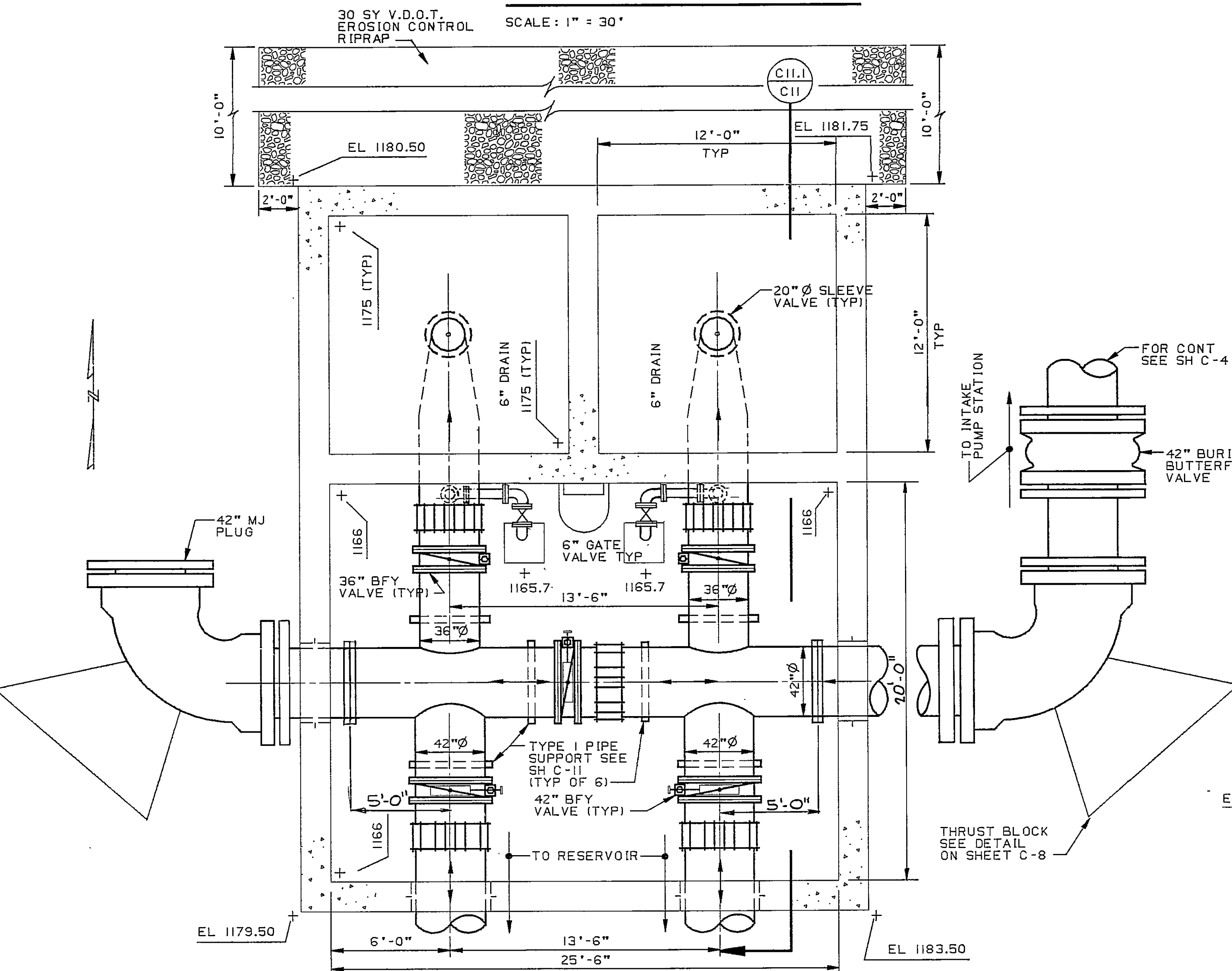




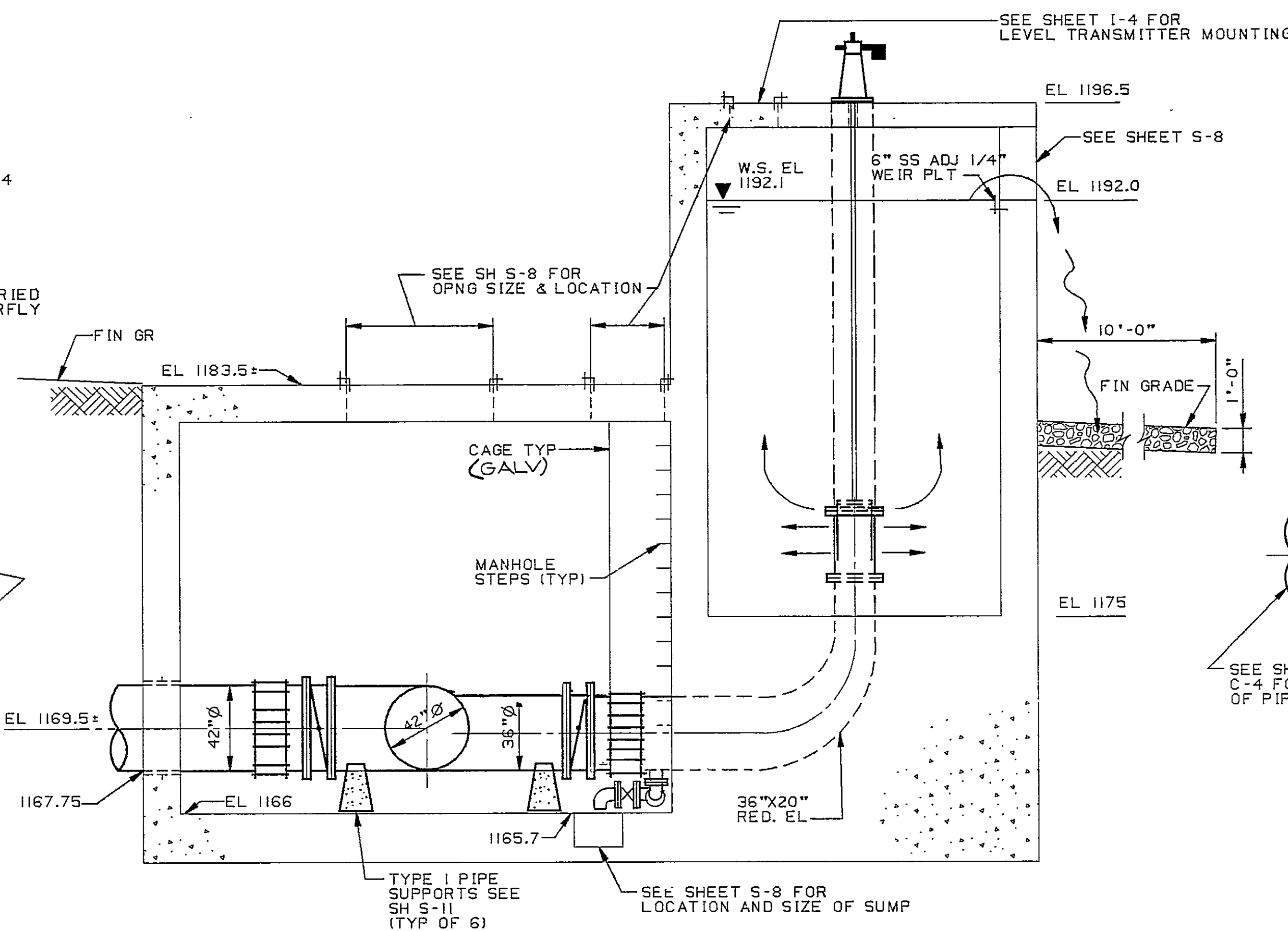
RESERVOIR WITHDRAWAL

SCALE: 1" = 30'



GATE HOUSE PLAN & ENERGY DISSIPATOR

SCALE: 1/4" = 1'-0" (TOP REMOVED)

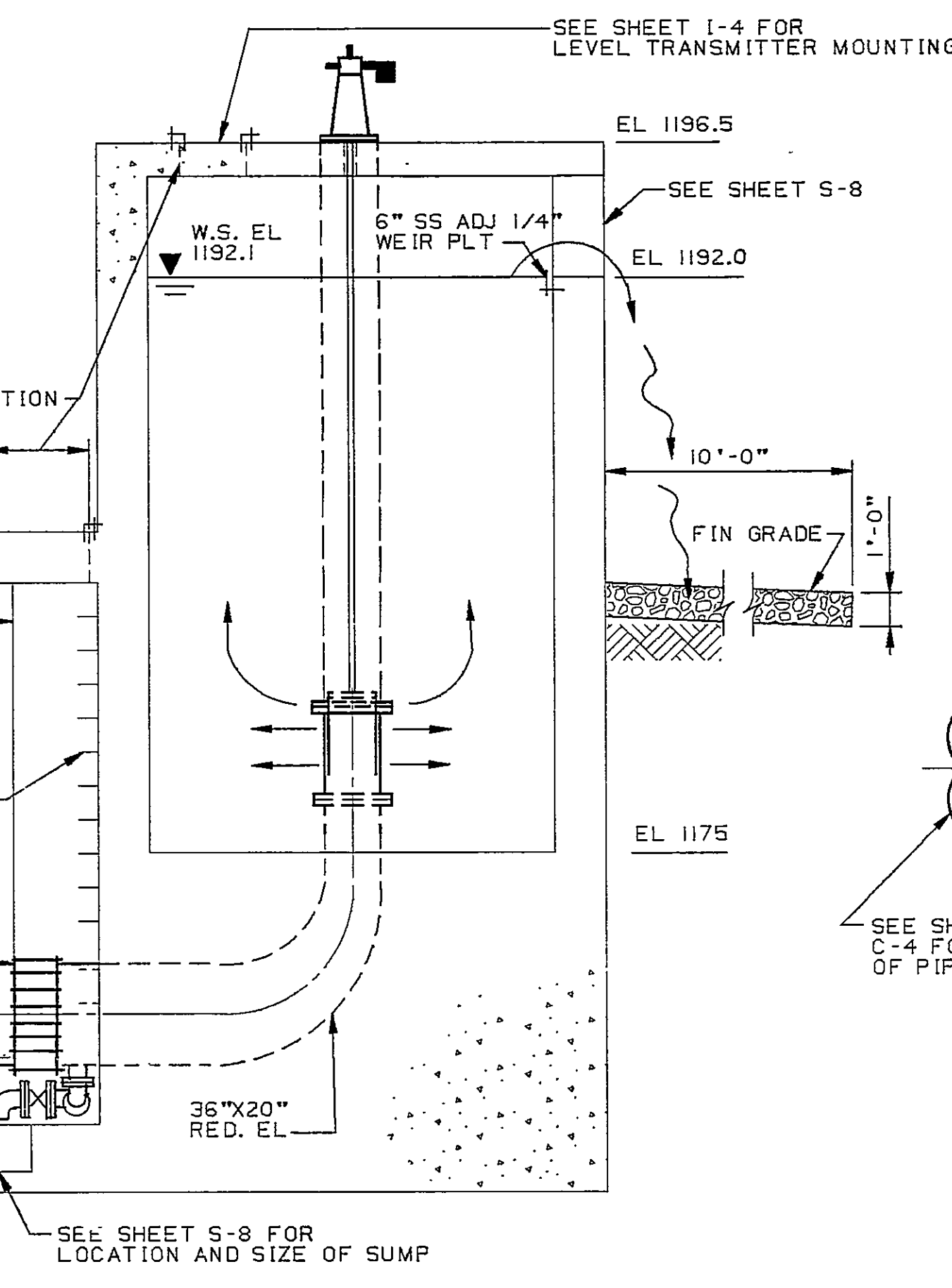


SECTION

SCALE: 1/4" = 1'-0"

WITHDRAWAL TOWER SOUTH ELEVATION

SCALE: 1/16" = 1'-0"

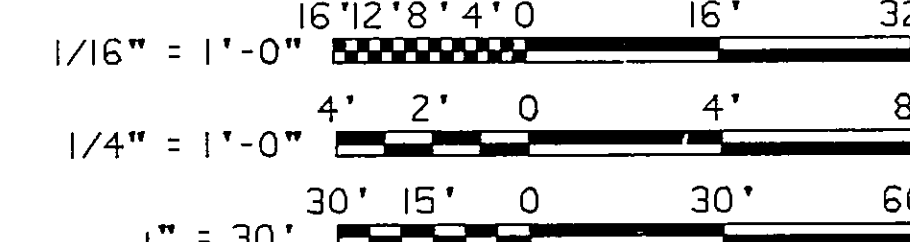


GATE HOUSE & ENERGY DISSIPATOR
NORTH ELEVATION

SCALE: 1/4" = 1'-0"

RECORD DRAWINGS

THESE DRAWINGS RECORDED ON THE BASIS OF INFORMATION FURNISHED BY THE CONTRACTOR OR SPECIFICALLY KNOWN TO HSM. NO OTHER REPRESENTATIONS ARE MADE OR IMPLIED.
Date: 6-5-95



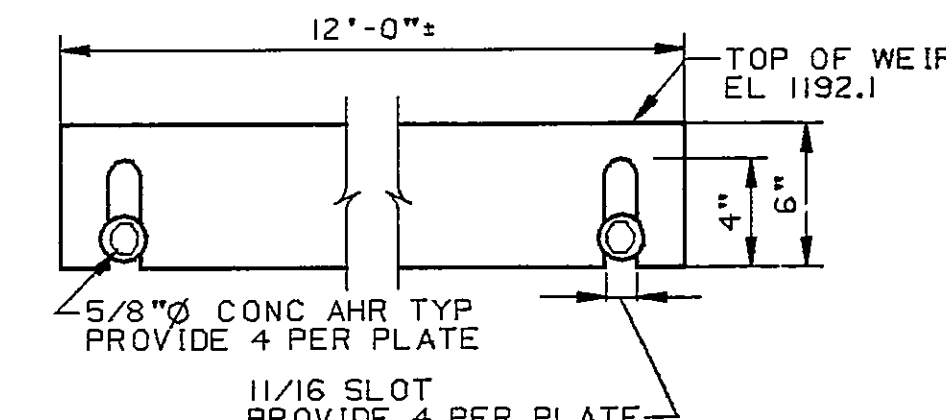
GRAPHIC SCALES

TYPICAL SECTION - CONDUITS UNDER DAM

SCALE: 1" = 5'-0"

SLUICE GATES

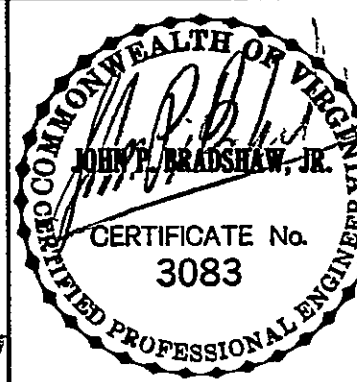
GATE NO.'S	SIZE	SEATING HEAD	UNSEATING HEAD	OPERATOR
10,14	48"x72"	SEE SPECS	SEE SPECS	FLR 2-SPD
11,15	48"x72"	SEE SPECS	SEE SPECS	FLR 2-SPD
12,16	48"x48"	SEE SPECS	SEE SPECS	FLR 2-SPD
13,17	36"x48"	SEE SPECS	SEE SPECS	FLR 2-SPD



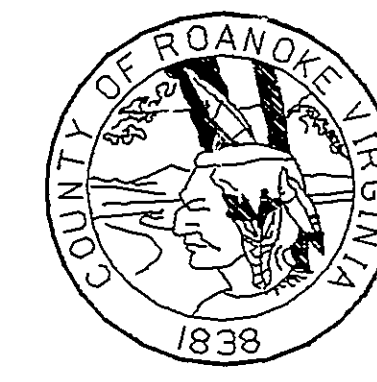
WEIR PLATE DETAIL

NO SCALE

DESIGNED: MJD DATE: 8/4/91
DRAWN: KJR DATE: 8/4/91
CHECKED: TSK DATE: 8/4/91
APPROVED: QAP DATE: 8/4/91
ISSUED: JTB DATE: 8/21/91



DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
8-15-94	BA	PER CONTR RECORD DWG						
8-24-94	JBH	ISSUED TO VA, DAM SAFETY						
8-31-97	RWF	RECORD DRAWING						



SPRING HOLLOW RESERVOIR
ROANOKE COUNTY, VIRGINIA

HAYES, SEAY, MATTERN & MATTERN, INC.

ARCHITECTS - ENGINEERS - PLANNERS
ROANOKE, VIRGINIA

CIVIL
RESERVOIR WITHDRAWAL TOWER AND
GATE HOUSE/ENERGY DISSIPATOR PLANS
AND SECTIONS

SCALE	DATE	COMM	SHEET	DWG
AS NOTED	8/4/91	4194E	C-11	37