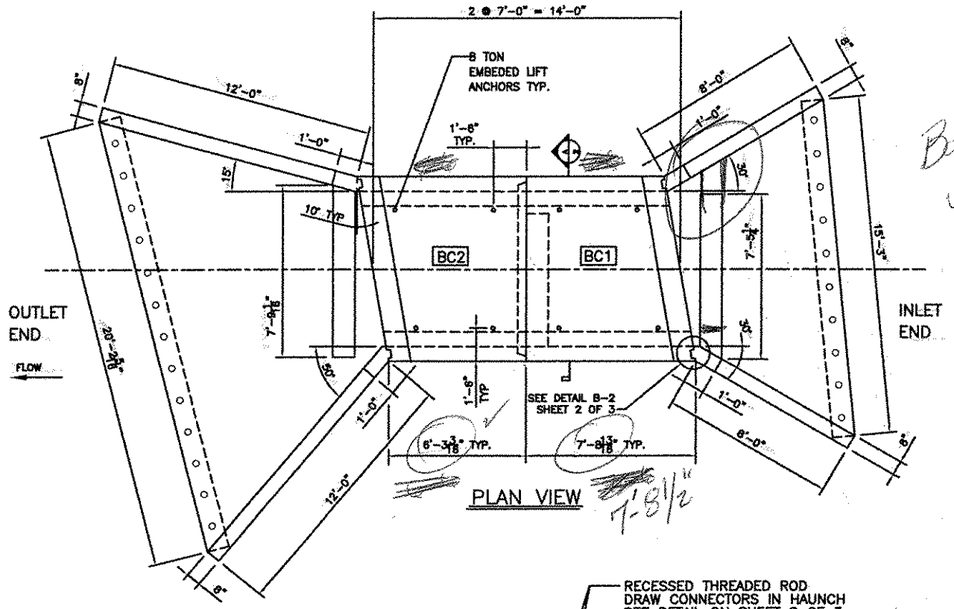
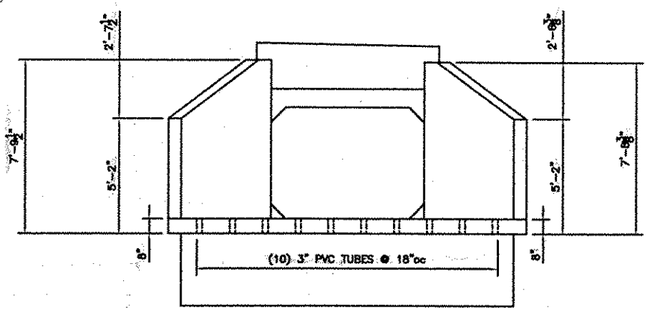


PLAN VIEW

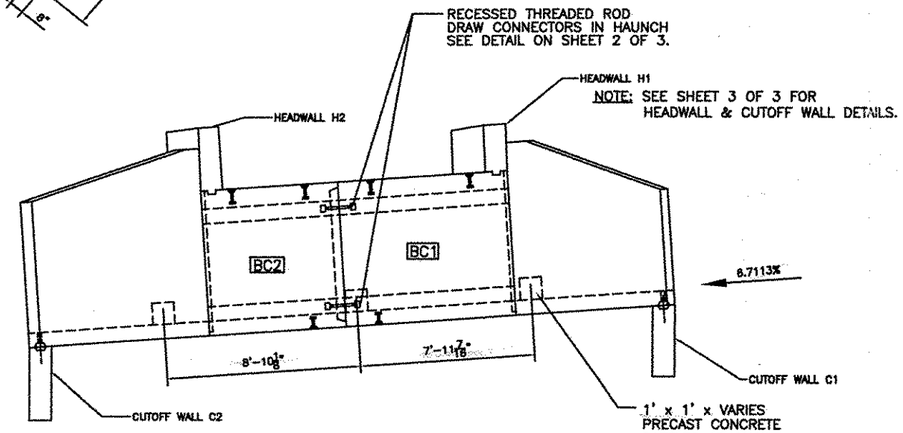
7-8 1/2"

Baffle opening on wrong end. Camp will change. RLW 8-29-01

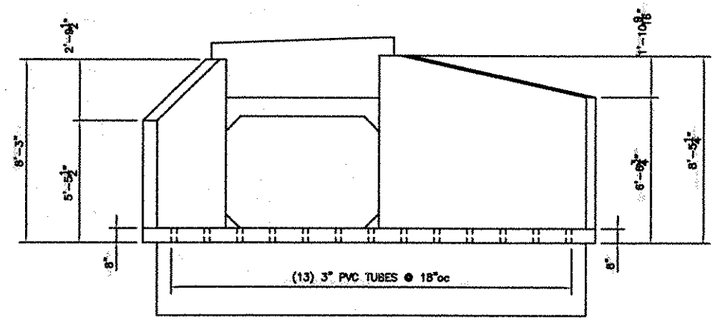


INLET END VIEW

NOTE: BAFFLES NOT SHOWN FOR CLARITY



ELEVATION



OUTLET END VIEW

NOTE: BAFFLES NOT SHOWN FOR CLARITY

GENERAL NOTES:

1. REINFORCING STEEL SHALL MEET ASTM A615, GRADE 60 SPECIFICATIONS
2. REINFORCING STEEL TO BE WIRE TIED AND HELD IN POSITION WITH PLASTIC CHAIRS AND REBAR SPACERS AS NEEDED.
3. EXPOSED EDGES OF FASCIA ENDS SHALL BE CHAMFERED 1" x 1".
4. WORKING TOLERANCES SHALL BE AS PER AASHTO M273-87.
5. CONCRETE COVER SHALL BE 1" UNLESS NOTED OTHERWISE.
6. THE G.C. SHALL APPLY A 2 FOOT WIDE STRIP OF (CLASS A) MEMBRANE WATERPROOFING AT EACH SIDE JOINT. THE MEMBRANE SHALL BE CENTERED ON THE JOINT AND SHALL RUN THE ENTIRE HEIGHT OF THE JOINT. THE ENTIRE TOP OF THE BOX CULVERT SHALL THEN BE COVERED WITH MEMBRANE. THE MEMBRANE SHEETS SHALL OVERLAP THE EDGES OF THE CULVERT BY 1 FOOT ON EACH SIDE AS SHOWN IN THE PLANS.

DESIGN NOTES:

1. ASSUMED EARTH COVER = 1'
2. CONCRETE STRENGTH TO BE:
   PRECAST TO BE 5000 PSI MIN. @ 28 DAYS WITH 5.0% - 9.0% ENTRAINED AIR CONTENT.
3. DESIGN LIVE LOADING = AASHTO HS-25 PLUS IMPACT.

STATE OF VERMONT
RALPH VERRASTRO
#18-0006974
REGISTERED
PROFESSIONAL ENGINEER

Ralph Verrastro
2/21/01

- STRUCTURES FILE -

V.A.O.T.
RECEIVED
CK'D BY G Roy 3-21-01 CK'D BY mgl 3-29-01
MAR 21 2001
RESUBMIT ____ APPROVED ✓
BY mgl DATE 3-29-01

TABLE OF UNITS				
MARK	QTY	LENGTH	VOL (C.Y.)	WEIGHT (TONS)
BC1	1	7'-0"	5.2	10.53
BC2	1	7'-0"	5.2	10.53
INLET	1	7'-3"	4.6	9.32
OUTLET	1	10'-9"	7.8	15.88

DELTA ENGINEERS, P.C.
ENGINEERS • ARCHITECTS
164 COURT STREET, BINGHAMTON, NY 13904-3694
TEL. (607) 231-0600 FAX (607) 231-0650
E-MAIL: mail@deltaengineers.com

TOWN OF ST. ALBANS, VT

7'-0" x 5'-0" x 14'-0" DRIVE BOX CULVERT

SHEET 1 OF 3

CONTRACTOR:
ENGINEER: 457

DWN BY: GAS CKD BY: RET

DWG ID: 1004-01 SCALE: NONE REV: 0 DATE: 2/12/01

CAMP PRECAST CONCRETE PRODUCTS