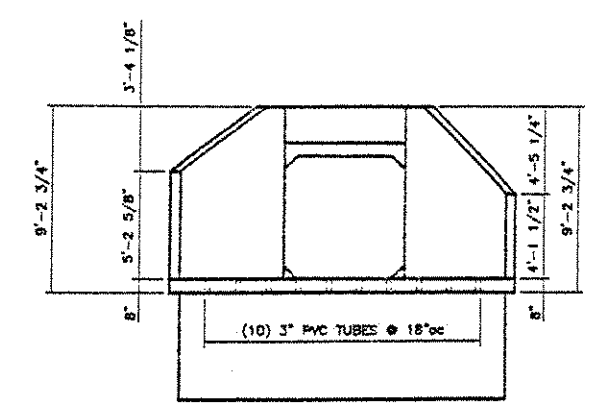
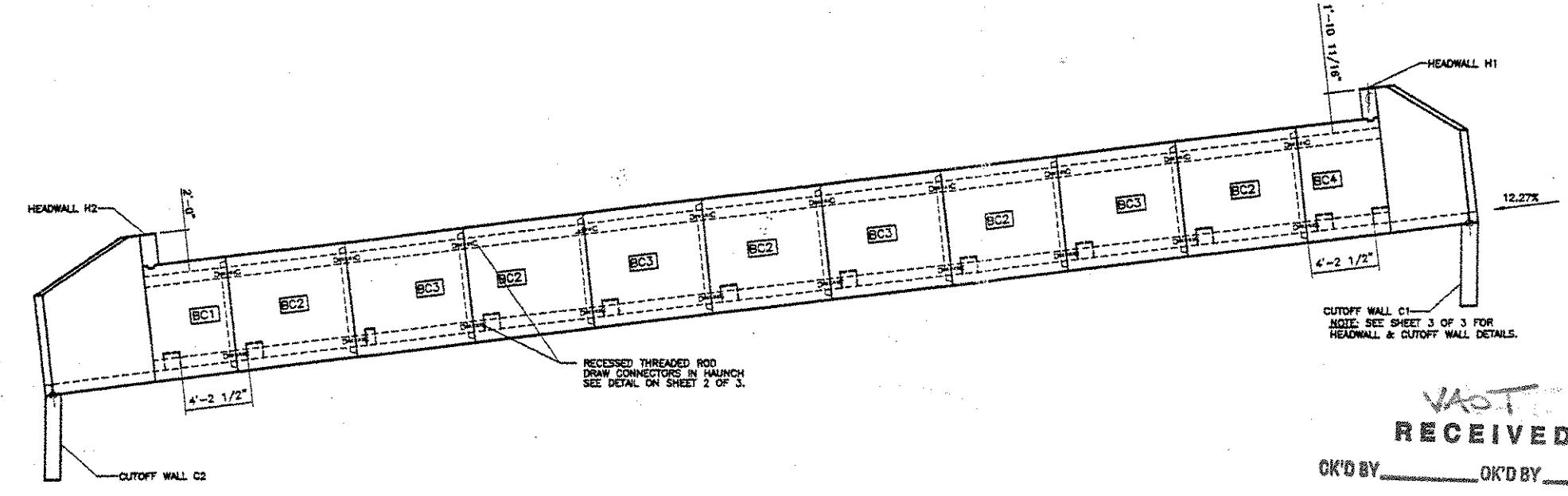


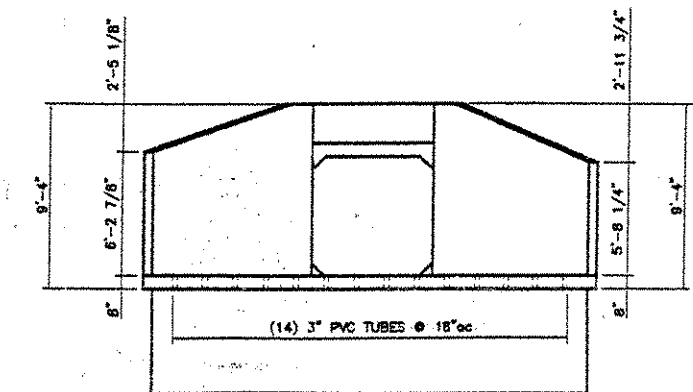
PLAN VIEW



INLET END VIEW



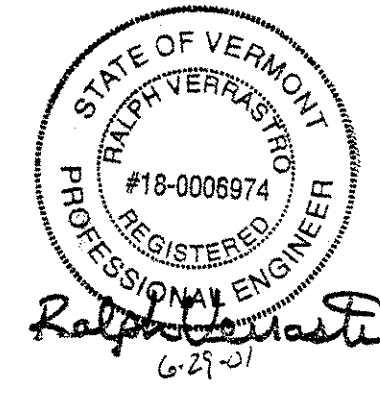
ELEVATION



OUTLET END VIEW

STRUCTURES FILE

RECEIVED
 OK'D BY _____ OK'D BY _____
 MAR 01 2002
 RESUBMIT _____ APPROVED _____
 BY *RRW* DATE *4-9-02*



Resubmittal

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.

TABLE OF UNITS				
MARK	QTY	LENGTH	VOL (C.Y.)	WEIGHT (TONS)
BC1	1	5'-2 1/2"	3.6	7.29
BC2	5	7'-6"	5.2	10.5
BC3	4	7'-6"	5.2	10.5
BC4	1	5'-2 1/2"	3.6	7.29
INLET	1	5'-5"	4.1	8.29
OUTLET	1	6'-11"	6.4	12.9

TOWN OF ST. ALBANS, VT
 6'-0" x 6'-0" x 78'-0"
 BR 87-3 NORTHBOUND

CONTRACTOR: _____
 ENGINEER: _____
 DWN BY: GAS CKD BY: RET

DELTA ENGINEERS, P.C.
 ENGINEERS & ARCHITECTS
 104 COURT STREET, BERRINGTON, VT 05604-3004
 TEL: (802) 233-4600 FAX: (802) 233-6200

SHEET 1 OF 3
 DWG ID: 1004-01 SCALE: NONE REV: 1 DATE: 6/29/01