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CK'D BY JEL OK'D BY _____

MAY 25 2007

RESUBMIT _____ APPROVED 5/29/07 (As Noted)
BY WJW DATE

MANUFACTURED BY:



PRECAST INC.
78 PRECAST ROAD
MILTON, VERMONT 05468
PHONE(802)893-2401 FAX(802)893-1542

PROJECT:

VT 105, BRIDGE #50
15'-0" X 9'-0" BOX CULVERT
JAY, VT
COUNTY OF ORLEANS

PREPARED BY:



184 COURT STREET, BINGHAMTON, NY 13901
PHONE(607)231-6600 FAX(607)231-6650

ENGINEER OF RECORD:

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DESIGN NOTES

- AS PROVIDED BY EOR:
1. DESIGN PER AASHTO 17TH EDITION WITH HS-25 LOADING.
 2. UNIT WEIGHT OF SOIL = 140 PCF
 3. ALLOWABLE BEARING PRESSURE = 4000 PSF
 4. DESIGN EARTH COVER = 11'

- ASSUMPTIONS (TO BE VERIFIED BY EOR):
1. f_c @ 28 DAYS = 5000 PSI
 2. REINFORCEMENT = BAR PER ASTM A615, GRADE 60
 3. COEFFICIENT OF SLIDING = 0.45
 4. MATERIALS AND MANUFACTURING PER ASTM C1435.

GENERAL NOTES:

1. ALL EXPOSED EDGES OF CONCRETE & TOP SLAB EXTERIOR EDGES SHALL BE CHAMFERED 1"x1"
2. REINFORCING STEEL PLACEMENT TOLERANCE
A) SPACING: $\pm 1"$
B) CLEARANCE: $\pm \frac{1}{2}"$

DRAWING SCHEDULE

SHEET NO.	DESCRIPTION	REVISIONS	
		REV. NO.	DATE
1	COVER SHEET	1	5/21/07
2	PLAN VIEW, & ELEVATION VIEW	2	5/24/07
3	END VIEWS & WINGWALL SECTION	2	5/24/07
4	REINFORCING & CONNECTION DETAILS	1	5/21/07
5	WINGWALL DETAILS	2	5/24/07
6	WINGWALL DETAILS	2	5/24/07

