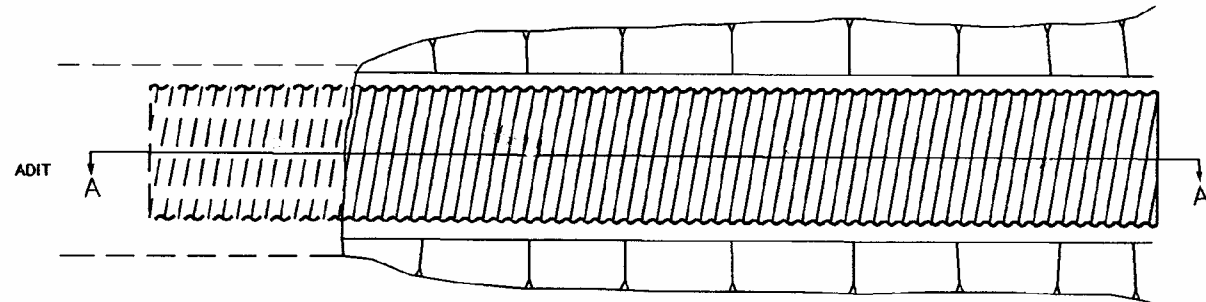


CORRUGATED STEEL/BAT GATE CLOSURE - SITE C-10

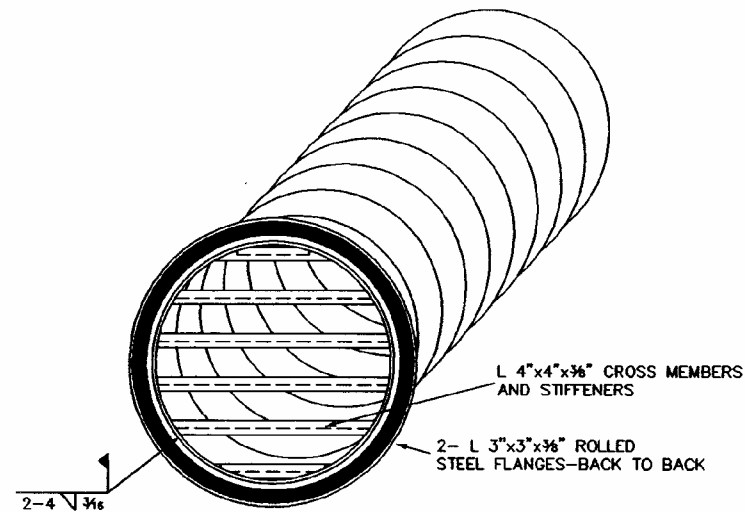
N.T.S.

(NOTE: SITE C-10 REQUIRES REMOVABLE BAR INSTALLATION - SEE DRAWING #4)



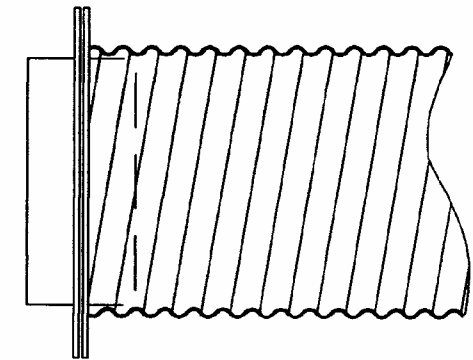
PLAN VIEW

N.T.S.



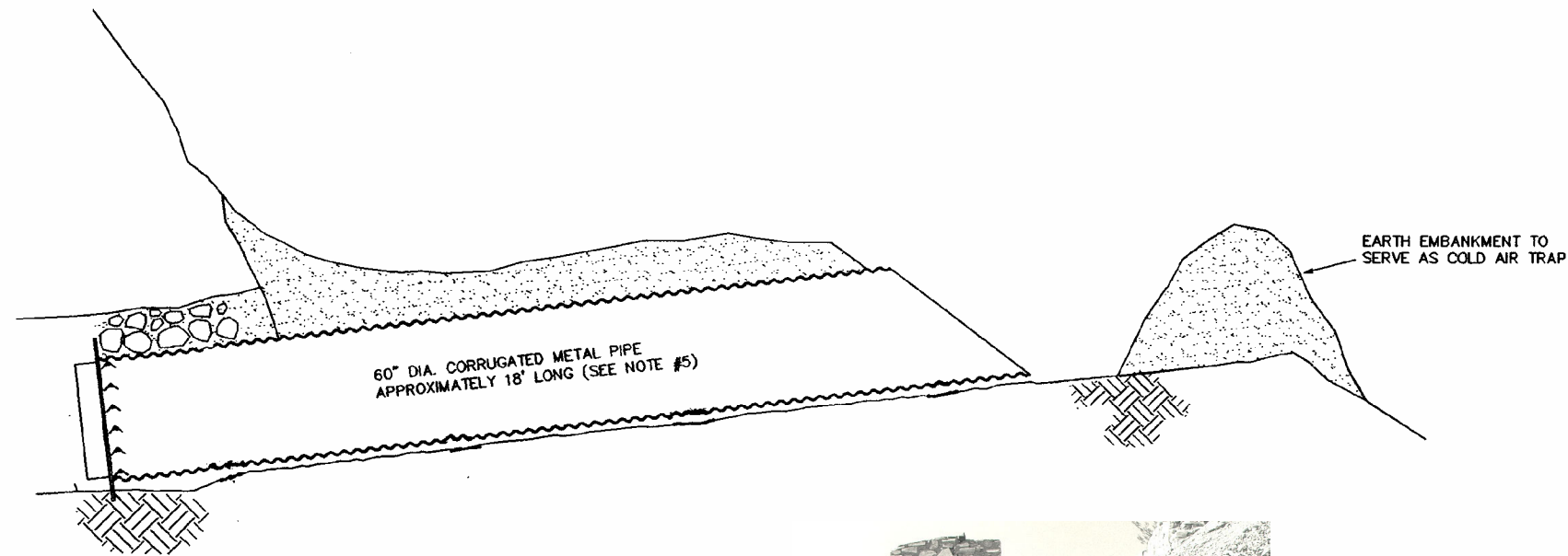
ISOMETRIC VIEW FROM INSIDE ADIT

N.T.S.



FLANGE SIDE VIEW

N.T.S.



PROFILE
N.T.S.

NOTES:

- 1) ALL STRUCTURAL STEEL SHALL BE L4"x4"x3/8". ANCHOR SUPPORTS SHALL BE 1" DIAMETER A-36 STEEL DOWELS.
- 2) CROSS MEMBER SPACING REQUIREMENTS OF THE ENTIRE CLOSURE MUST BE MAINTAINED.
- 3) UPON COMPLETION, THE ENTIRE STRUCTURE SHOULD BE INSPECTED FOR EXPOSED SHARP EDGES AND CORNERS. ANY SHARP EDGES THAT ARE FOUND SHALL BE SMOOTHED WITH A GRINDER TO REDUCE THE CHANCE OF INJURY TO BATS ENTERING OR EXITING THE GATE.
- 4) CORRUGATED STEEL CULVERT SHALL BE CONSTRUCTED OF SEMI-CIRCULAR SECTIONS, EACH 2' IN LENGTH. SEE DRAWING #4 FOR INSTALLATION SPECIFICATIONS.

based on original design by Roy Powers
and the American Cave Conservation Association

CAUTION— THIS PROJECT REQUIRES CONSTRUCTION WORK AROUND AND OVER HAZARDOUS AND UNPROTECTED MINE SHAFTS, STOPES, ADITS AND OTHER OPENINGS WHICH MAY BE OPEN TO THE SURFACE OR HIDDEN FROM VIEW BY TRASH, DEBRIS OR THIN AND UNSTABLE LAYERS OF SURFICIAL MATERIAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THOROUGHLY INVESTIGATING THE SITE CONDITIONS AND SCHEDULING HIS EQUIPMENT, EQUIPMENT OPERATIONS, PERSONNEL AND SAFETY PROCEDURES TO PREVENT ACCIDENTS AND INJURIES.



RAILROAD COMMISSION OF TEXAS
CAROLE KERTON RYLANDER, Chairman
BARRY WILLIAMSON, Commissioner
CHARLES R. MATTHEWS, Commissioner
SURFACE MINING AND RECLAMATION DIVISION
MELVIN B. HODGESS, P.E., Director

SCALE	NOT TO SCALE	DATE
DRAWN BY	T. WOOTTON	12/95
DESIGNED BY	PREVIOUS	12/95
CHECKED BY	S. WILEY	12/95
APPROVED BY	M. RHODES	12/95
REVISED BY		

**GUADALUPE MOUNTAINS
NATIONAL PARK AML PROJECT**

DRAWING TITLE
**CORRUGATED STEEL/BAT GATE CLOSURE
STANDARD PLANS**

DRAWING NO.
3
REV.