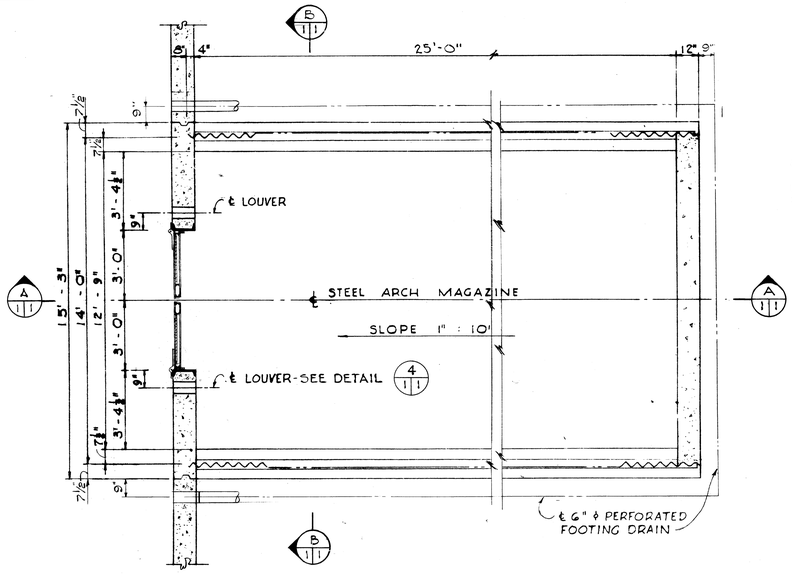
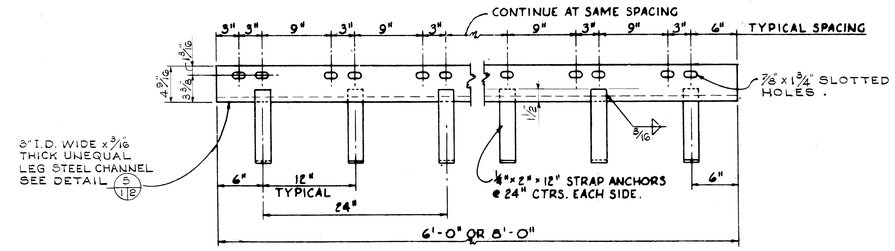
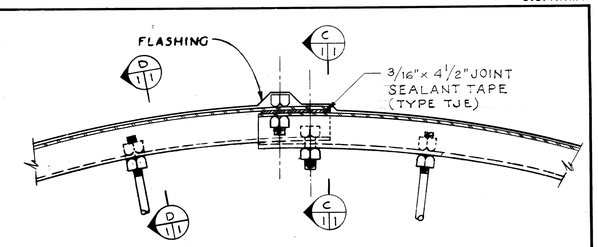


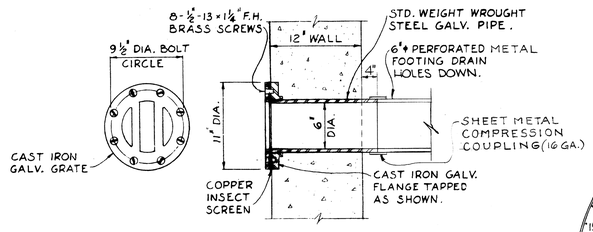

**PLAN**
SCALE: 3/8" = 1'-0"




**DETAIL** 1/2|1
SCALE: 1 1/2" = 1'-0"

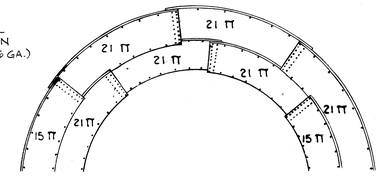



**DETAIL** 5/1|1|2
NOT TO SCALE



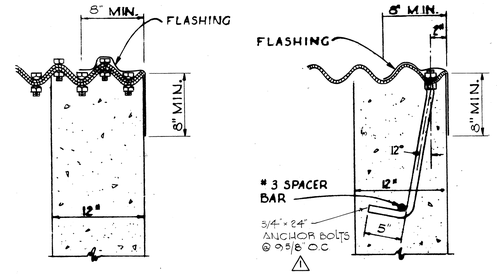

FRONT ELEVATION — SECTION

**DETAIL** 2/2|1
SCALE: 1 1/2" = 1'-0"




**ARCH PLATE ASSEMBLY**
**14'-0" WIDE ARCH**

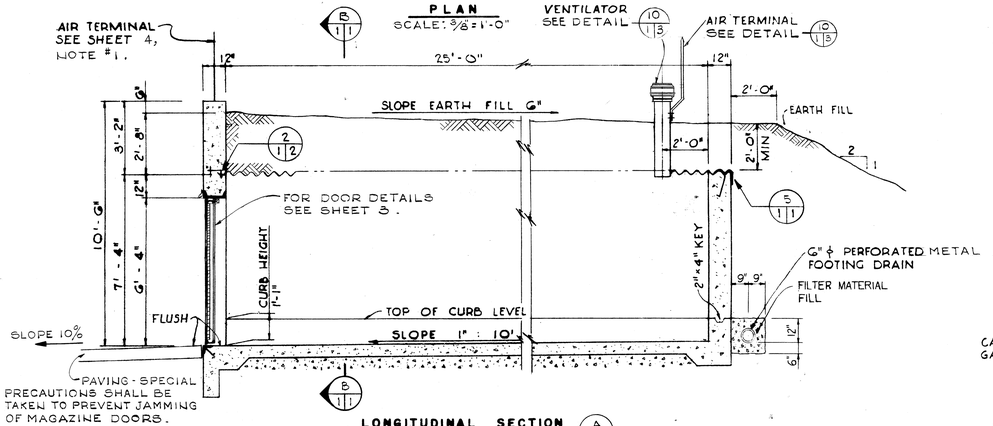
TWO ROWS OF TYPICAL ARCH PLATE INSTALLATION SHOWN. SUBSEQUENT ROWS OF PLATES TO BE INSTALLED IN A SIMILAR PATTERN



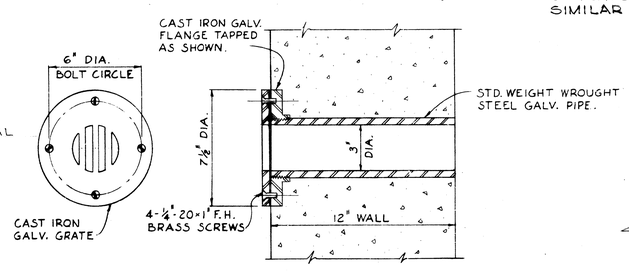

**SECTION** C/1|1
SCALE: 1 1/2" = 1'-0"

**SECTION** D/1|1
SCALE: 1 1/2" = 1'-0"

**FLASHING DETAILS**



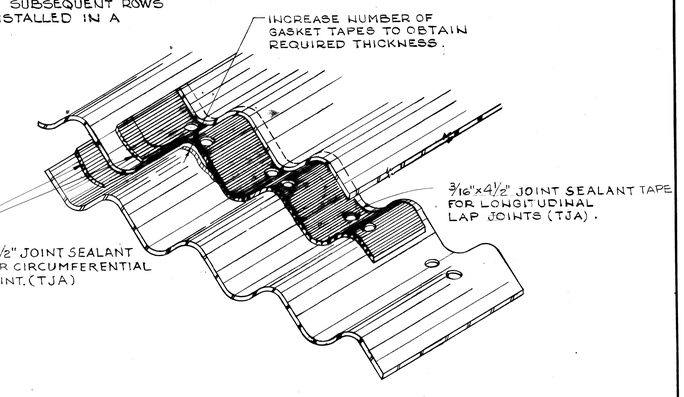

**LONGITUDINAL SECTION** A/1|1
SCALE: 3/8" = 1'-0"




FRONT ELEVATION — SECTION

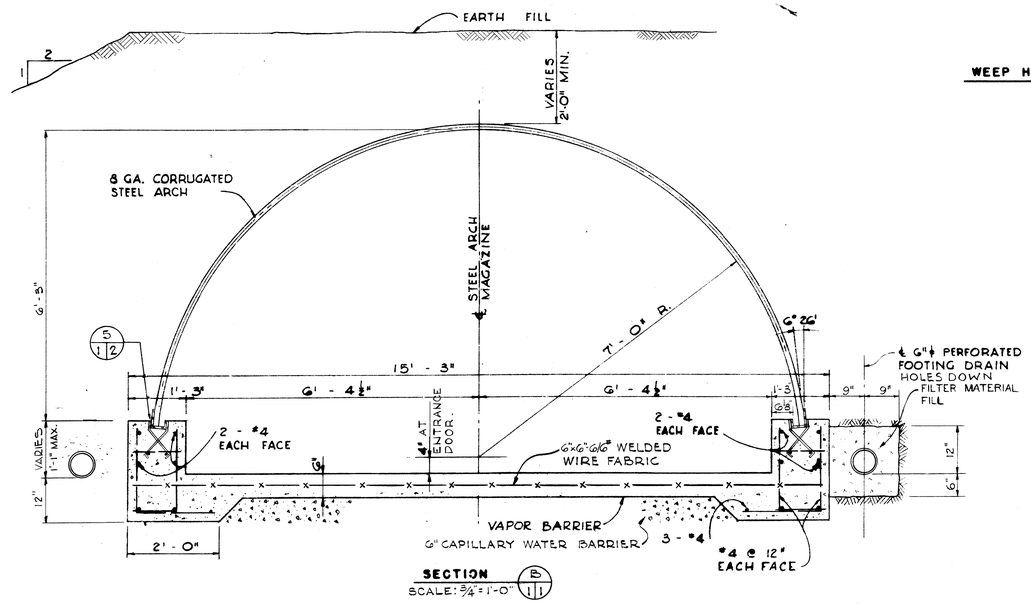
**DETAIL** 3/2|1
SCALE: 3" = 1'-0"

**WEEP HOLES & FOUNDATION DRAIN OUTLETS**

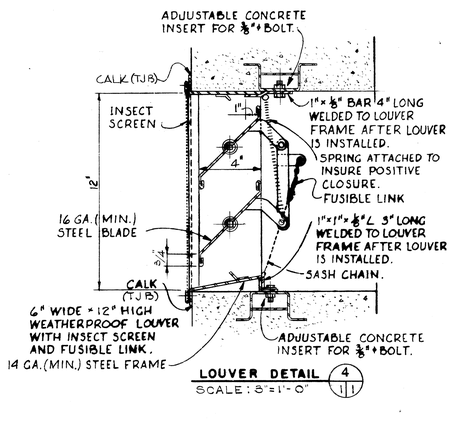



**JOINT SEALANT INSTALLATION DETAIL** (TJA)
NOT TO SCALE

NOTE:
1. ALL REINFORCING BAR LAPS & SPLICES TO BE IN ACCORDANCE WITH ACI 315-65.
2. REINFORCING STEEL, EMBEDDED METAL, VENTS, DOORS & METAL ARCH SHALL BE MADE ELECTRICALLY CONTINUOUS BY TYING, CLIPPING OR WELDING, SEE SHEET 4 FOR ADD'L DETAILS.
3. SET FOOTING DRAINS WITH HOLES DOWN.
4. START ALL EARTH SLOPES ONLY AT VERTICAL PROJECTIONS OF ARCH SPRING LINES.




**SECTION** B/1|1
SCALE: 3/4" = 1'-0"




**LOUVER DETAIL** 4/1|1
SCALE: 3" = 1'-0"

VOLUME = 2,668 CU. FT. PER ARCH.
GROSS AREA = 382 SQ. FT. PER ARCH.

GRAPHIC SCALES

3/8" = 1'-0"
3/4" = 1'-0"
1 1/2" = 1'-0"
3" = 1'-0"

A/1|4 — DETAIL NO. OR SECTION LETTER IDENTIFICATION
NUMBER OF SHEET ON WHICH DETAIL OR SECTION IS TAKEN
NUMBER OF SHEET ON WHICH DETAIL OR SECTION IS DRAWN

**DETAIL & SECTION DESIGNATION**

ADAPTED FROM DWG. 33-15-65

| SYMBOL | DESCRIPTION | DATE | APPROVAL |
|---|---|---|---|
| 1 | ADDED ANCHOR BOLT SPACING TO SECTION D | 8/22/66 | [illegible] |

REVISIONS

AMMANN & WHITNEY
CONSULTING ENGINEERS
111-8TH AVENUE, NEW YORK, N.Y.

DEPARTMENT OF THE ARMY
OFFICE OF THE CHIEF OF ENGINEERS
MILITARY CONSTRUCTION - ENGINEERING DIVISION
WASHINGTON, D.C.

DRAWN BY:
TRACED BY:
CHECKED BY:
SUBMITTED BY: AMMANN & WHITNEY
APPROVED: CHIEF M. & P.S. BRANCH
APPROVED: CHIEF ENGINEERING DIVISION, MIL. CONSTR. O.C.E.
DATE: 18 JULY 1966
APPROVED FOR
DATE:

# EARTH-COVERED STEEL-ARCH MAGAZINES

## PLAN, SECTIONS & DETAILS

STRUCTURAL

SCALE
SPEC. NO.
DRAWING NUMBER 33-15-71
SHEET 1 OF 4

Y17-7