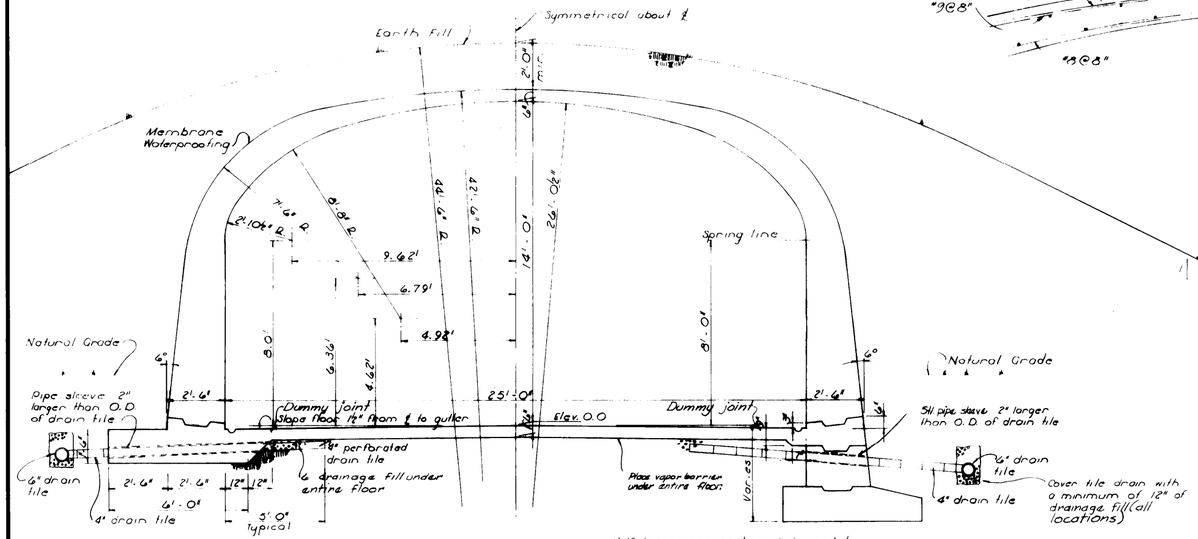
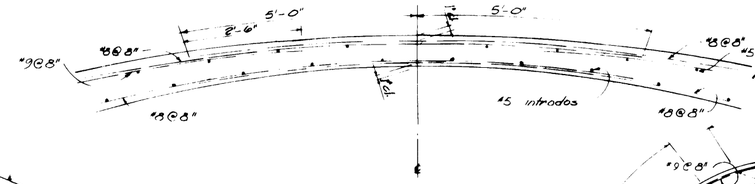


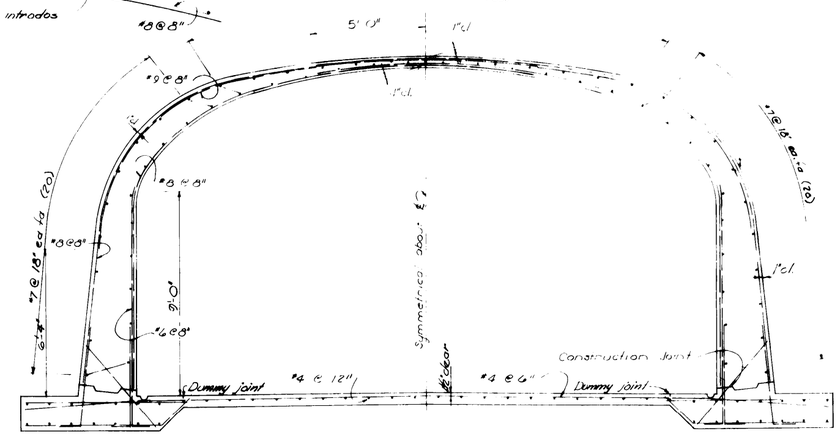
Half transverse section. Shallow footing for earth or rock.

Half transverse section. Intermediate footing for earth or rock. For footing dimensions see Medium type footing. When Intermediate footing is used, omit tie beams. Intermediate type floor joint may be used with any depth footing.

SHALLOW & INTERMEDIATE TYPE FOOTINGS
SCALE 3/8" = 1'-0"

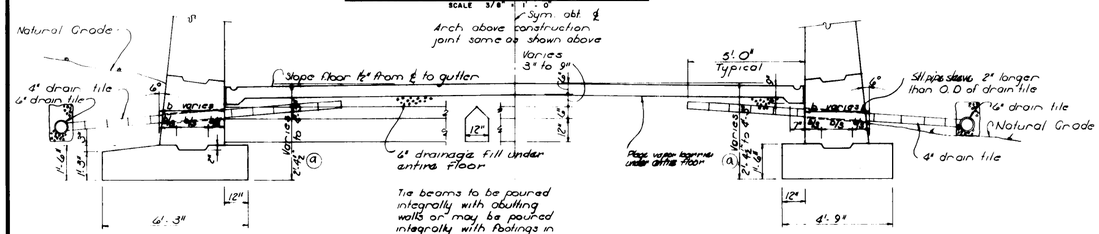


CROSS SECTION AT CROWN
SCALE 3/8" = 1'-0"



For footing reinforcing details see sheet 4

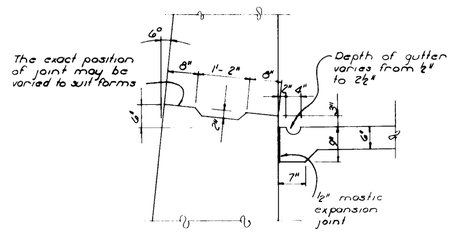
CROSS SECTION
SCALE 3/8" = 1'-0"



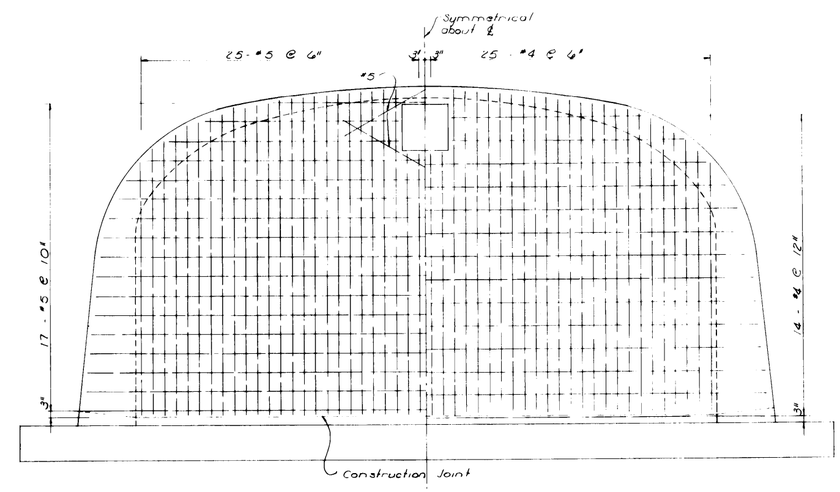
Half transverse section. Medium footing earth only

Half transverse section. Medium footing, rock only. Omit tie beam in medium type footing in rock.

MEDIUM TYPE FOOTINGS
SCALE 3/8" = 1'-0"



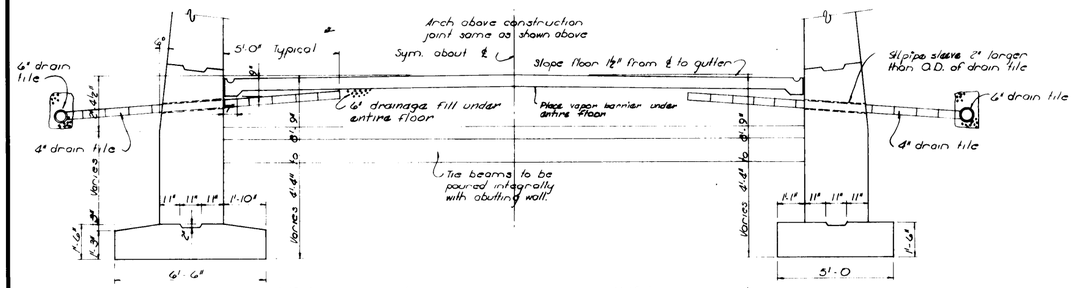
CONSTRUCTION JOINT & GUTTER DETAIL
SCALE 3/8" = 1'-0"



INTERIOR FACE **EXTERIOR FACE**

For footing reinforcing details see sheet no. 4

REAR WALL
SCALE 3/8" = 1'-0"



Half transverse section. Deep footing, earth only.

Half transverse section. Deep footing, rock only.

DEEP TYPE FOOTINGS
SCALE 3/8" = 1'-0"

Notes:
1. Design live load for floor slab, 3000 lbs. per square foot.
2. When floor is constructed above natural grade the fill will be compacted to obtain a minimum soil value of 3000 lbs. per sq. foot.
3. The widths of footings as shown in earth are based on maximum soil pressures of 4000 lbs. per square foot for Shallow, Medium & Deep Type Footings.
4. The widths of footings as shown for rock are based on maximum soil pressures of 7000 lbs. per square foot.
5. Footings of the structure may be shallow Intermediate, Medium & Deep Type throughout or may vary through use of a stepped footing.
6. Tie beams are required at 10'-0" intervals on Medium Type earth construction and on deep type earth and rock construction.

SYMBOL	DESCRIPTION	DATE	APPROVAL
(a)	Chgd. Med. Ftg. Min. Depth From 2'-3" to 2'-4½"	25 Feb '65	

REVISIONS

BLACK & VEATCH
CONSULTING ENGINEERS
KANSAS CITY, MISSOURI

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

DRAWN BY: G.I.C.
TRACED BY: G.I.C.
CHECKED BY: H.C.
SUBMITTED: Floyd Cohen
APPROVED: [illegible] Col. CHIEF, STRUCT. BRANCH
APPROVED: [illegible] CHIEF, ENGINEERING DIVISION MILITARY CONSTRUCTION, O.S.A.
APPROVED FOR CHIEF OF PROVINCE: T. T. Tyler
DATE: 23 December 1959

MAGAZINE, STRADLEY TYPE
EARTH COVERED
TYPICAL SECTIONS

DATE: DEC 1959
SCALE: AS NOTED
SPEC. NO. 33-15-61-59-CE
DRAWING NUMBER 33-15-61
SHEET 2