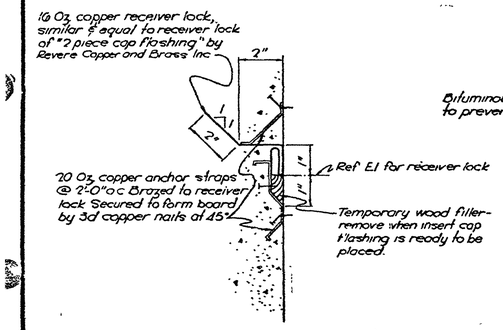
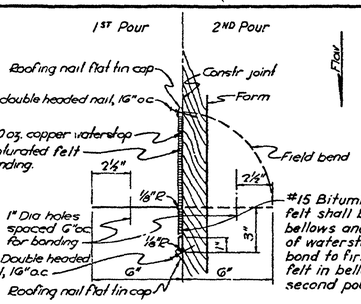
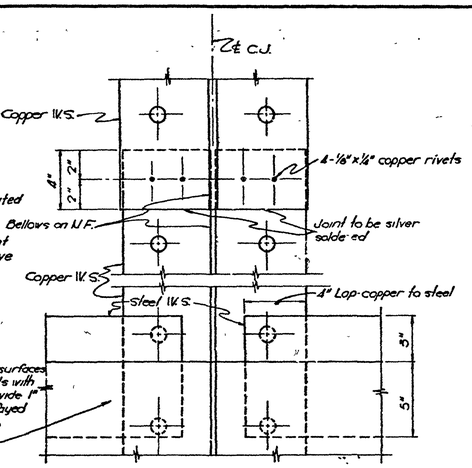


TYPICAL RECEIVER LOCK DETAIL

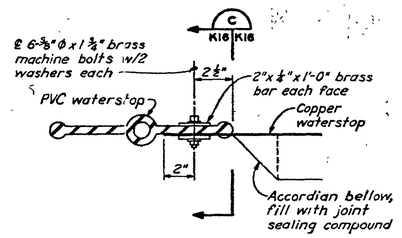
SCALE: 6 INCHES = 1 FOOT



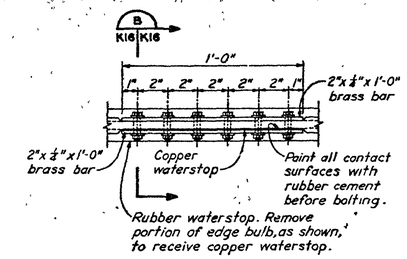
COPPER WATERSTOP-TYPE A



WATERSTOP-COPPER TO COPPER AND COPPER TO STEEL



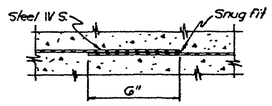
SECTION B K16 K16



SECTION C K16 K16

COPPER & RUBBER WATERSTOP JUNCTION DETAILS

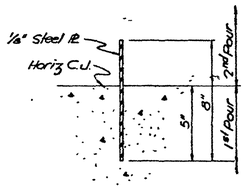
SCALE: ¼ INCH = 1 FOOT



STEEL WATERSTOP

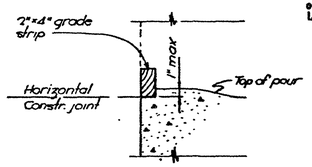
WATERSTOP SPLICE DETAILS

SCALE: 3 INCHES = 1 FOOT



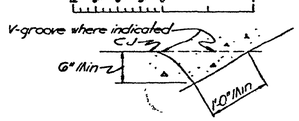
STEEL WATERSTOP

WATERSTOP DETAIL



HORIZONTAL FLUSH JOINT

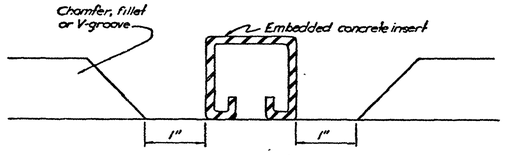
SCALE: 1½ INCHES = 1 FOOT



CONSTRUCTION JOINT

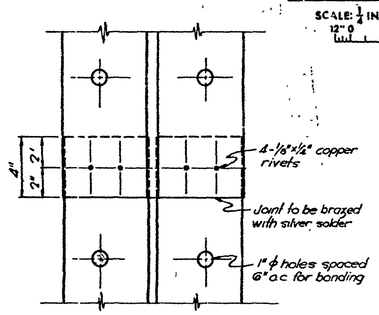
AT SLOPING SURFACE

SCALE: 1 INCH = 1 FOOT



EMBEDDED CONCRETE INSERT

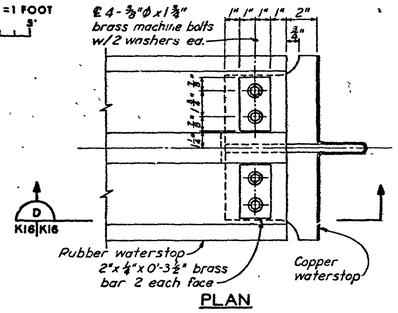
FULL SIZE



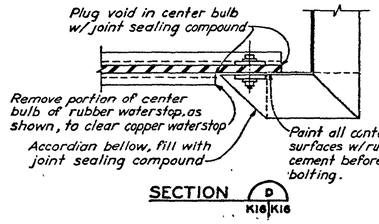
PLAN

COPPER WATERSTOP

SCALE: 3 INCHES = 1 FOOT



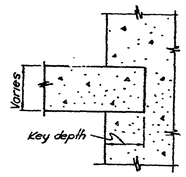
PLAN



SECTION D K16 K16

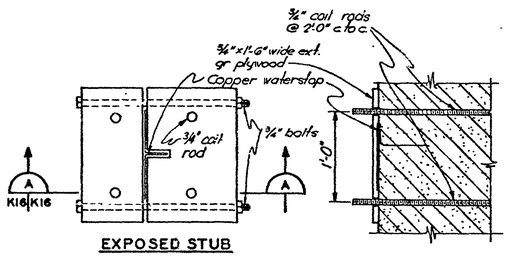
HORIZ. RUBBER WATERSTOP TO VERTICAL COPPER WATERSTOP CONNECTION DETAILS

SCALE: 3 INCHES = 1 FOOT



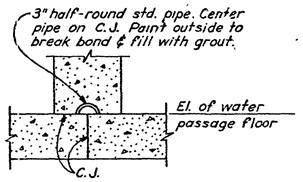
SLAB, BEAM OR WALL

TYPICAL KEY DETAIL



EXPOSED STUB

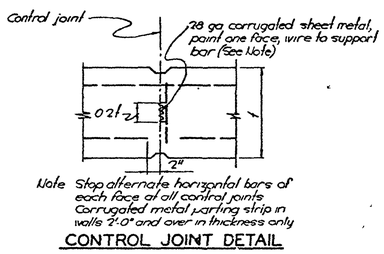
EXPOSED FLANGE



SLAB JOINT

CRACK CONTROL DETAIL

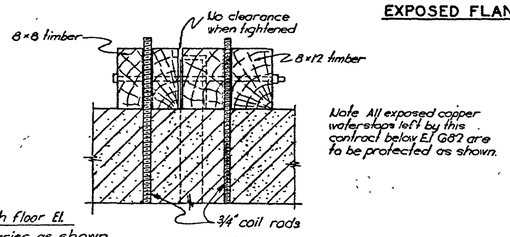
NO SCALE



Note Stop alternate horizontal bars of each face at all control joints. Corrugated metal parting strip in walls 2'-0" and over in thickness only

CONTROL JOINT DETAIL

NO SCALE

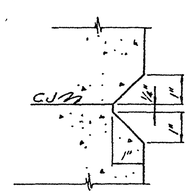


Note All exposed copper waterstops left by this contract below El 682 are to be protected as shown.

SECTION A K16 K16

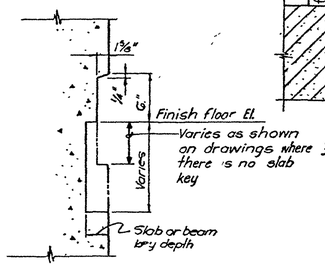
WATERSTOP PROTECTION

NO SCALE



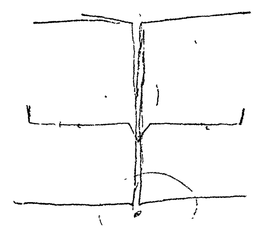
V-GROOVE DETAIL

SCALE: 6 INCHES = 1 FOOT



TYPICAL COVE BASE DETAIL

NO SCALE



RECORD DRAWING

JANUARY 1974

CONTRACT NO. DACW41-71-C-0043

NOTES:

1. Pour numbers are for identification only and do not necessarily represent sequence of pours.
2. VACANT.
3. Waterstops are to be continuous. For typical splice details see this drawing.
4. Provide ⅜"R. tooled edges for all interior joints & ¼"R. for exposed edges of unformed surfaces where finish is required.
5. Provide chamfer for all corners. See details this dwg.
6. Provide fillets in all re-entrant corners except at construction joints & junctions between wall & floor surfaces.
7. All visible construction jts. except in water passages shall have V-groove, see detail this dwg.
8. Refer to Vol. I, Sec. for gage & test equipment locations.
9. Waterstops in vertical joints are 12" copper & in horizontal joints are 8" steel except as otherwise noted.

SYM.	DESCRIPTION	DATE	APP'D.
	Revised for "As Built" conditions	2/22/74	[illegible]

REVISIONS

OSAGE RIVER

KAYSINGER BLUFF RESERVOIR

STAGE III CONSTRUCTION

POWERHOUSE SUBSTRUCTURE

STANDARD DETAILS

Dwg. No. K16 — Scale: as shown

U. S. ARMY ENGINEER DISTRICT, KANSAS CITY, MO. — AUG. 1970

PREPARED BY U. S. ARMY ENGINEER DISTRICT, OMAHA, NEBRASKA

Submitted: CHIEF, DESIGN BRANCH, USED OMAHA — DESIGNED BY: A. G. D. — DRAWN BY: J. O. C.

Recommended: CHIEF DESIGN BRANCH, USED KANSAS CITY — CHECKED BY:

Approved: CHIEF, ENGINEERING DIVISION, USED KANSAS CITY

FILE NO. 0-12-2016

O. & M. M. PLATE NO. 326