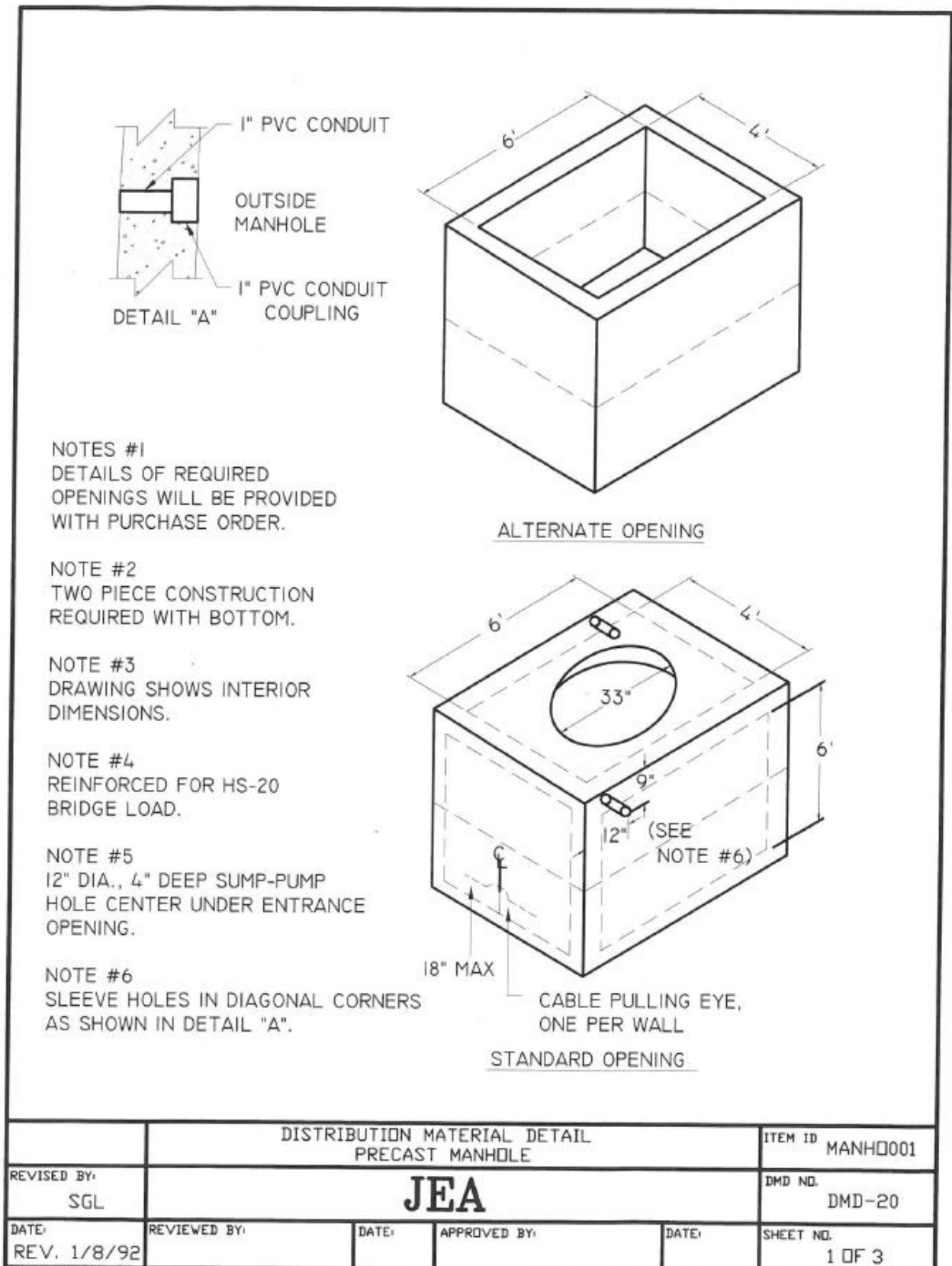
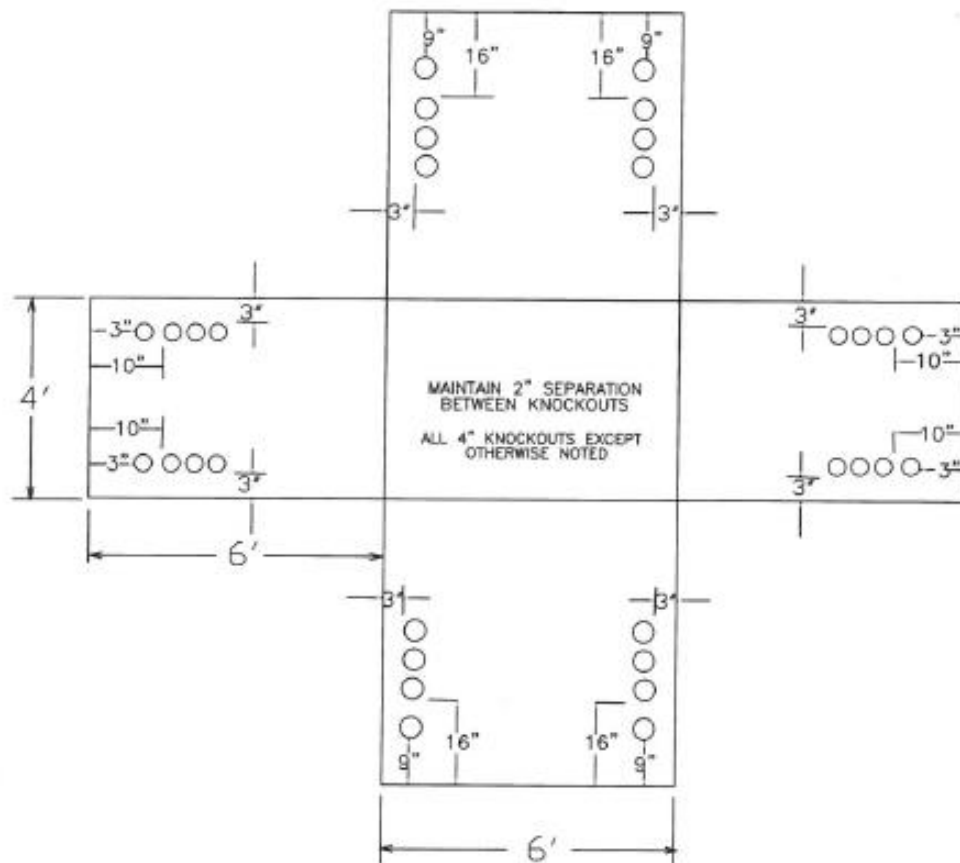


DRAWING DETAILS**MANHOLES**

JEA ITEM ID	DESCRIPTION
MANHO001	MANHOLE, 6' X 4' X 6' RECTANGULAR PRECAST CONCRETE, REINFORCED FOR HS-20 BRIDGE LOAD, TO INCLUDE 1 EA. MANHOLE FRAME, 1 EA. COVER AND 1 EA. 15" GRADE EXTENSION RING. WEIGHT OF MANHOLE IS 13000 LBS EACH.
MANHO002	MANHOLE, 12' X 6' X 7' RECTANGULAR PRECAST CONCRETE, REINFORCED FOR HS-20 BRIDGE LOAD. TO INCLUDE 2 EA. MANHOLE FRAMES, 2 EA. COVERS AND 2 EA. 15" GRADE EXTENSION RINGS. WEIGHT OF MANHOLE IS 30000 LBS.
MANHO003	MANHOLE, 12' X 8' X 7' RECTANGULAR PRECAST CONCRETE, REINFORCED FOR HS-20 BRIDGE LOAD. TO INCLUDE 2 EACH MANHOLE FRAMES, 2 EA. COVERS AND 2 EA. 15" GRADE EXTENSION RINGS. WEIGHT OF MANHOLE IS 43000 LBS.
MANHO006	MANHOLE, 9' X 6' X 7', PRECASE CONCRETE H-20 BRIDGE LOAD, PER DMD-84. TO INCLUDE 2 EA. 15" GRADE EXTENSION RINGS, 2 EA. FRAMES AND 2 EA. COVERS.
MANHO009	MANHOLE, 10' X 16' X 7' VAULT PRECAST CONCRETE REINFORCED FOR HS-20 BRIDGE LOAD TO INCLUDE 2 EA. MANHOLE FRAMES, 2 EA. COVERS AND 2 EA. 15" GRADE EXT RINGS

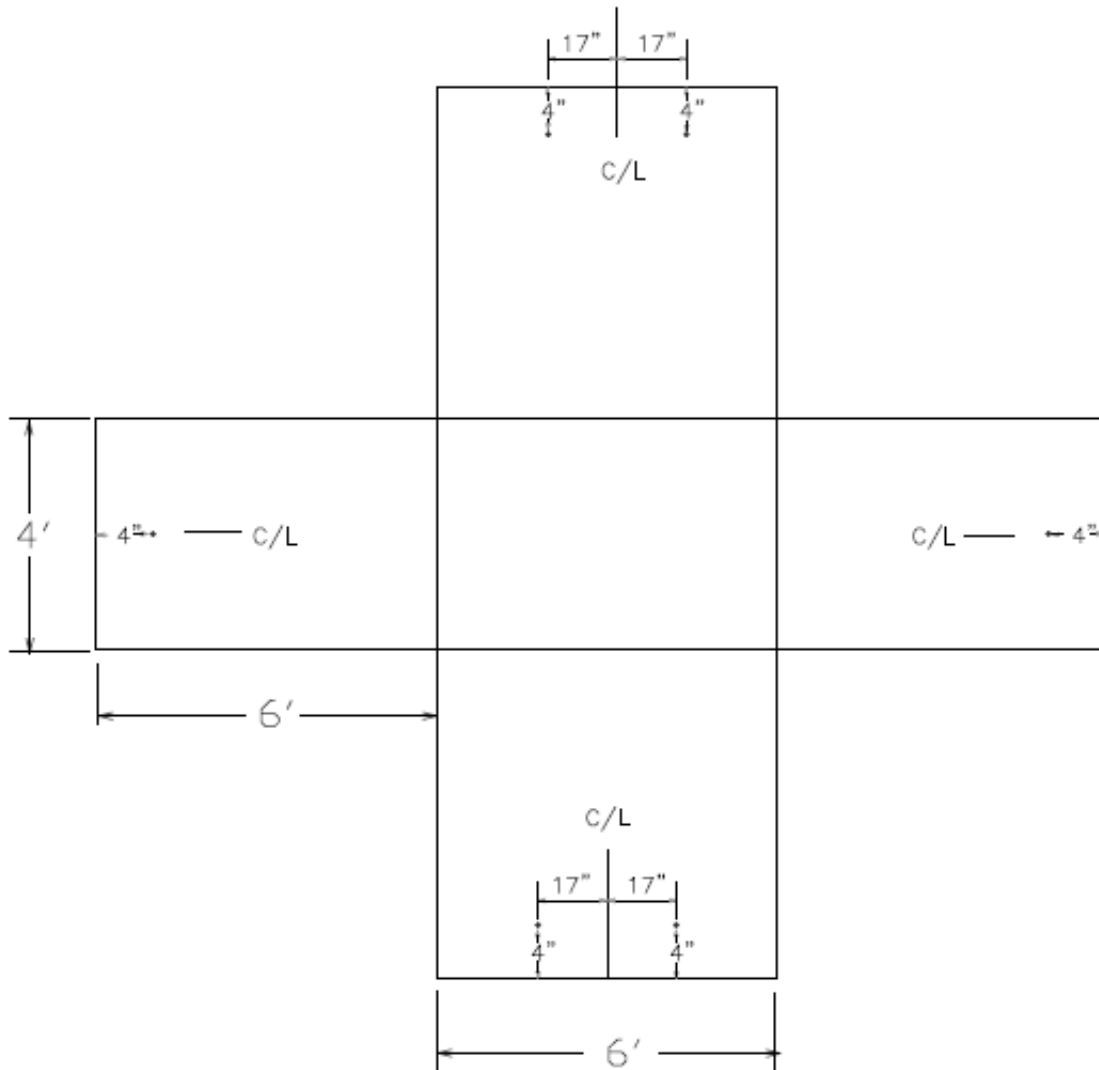
1. **MANHO001** - MANHOLE, 6' X 4' X 6' RECTANGULAR PRECAST CONCRETE, REINFORCED FOR HS-20 BRIDGE LOAD





JEA STANDARD MANHOLE
CONDUIT STUBOUT
4'x6'x6'HR
(6x9 use the same template)

DISTRIBUTION MATERIAL DETAIL PRECAST MANHOLE				ITEM ID	MANH0001
REVISED BY: SGL	JEA			DMD NO.	DMD-20
DATE: 7/5/05	REVIEWED BY:	DATE:	APPROVED BY:	DATE:	SHEET NO. 2 OF 3



JEA STANDARD MANHOLE
BOLT ANCHOR LAYOUT
4'x6'x6'HR
(6x9 use the same template)

DISTRIBUTION MATERIAL DETAIL PRECAST MANHOLE		ITEM ID MANH0001
REVISED BY PARKTA	JEA	
DATE REV. 5/23/17	REVIEWED BY	DMD NO. DMD-20
DATE	APPROVED BY	SHEET NO. 3 OF 3

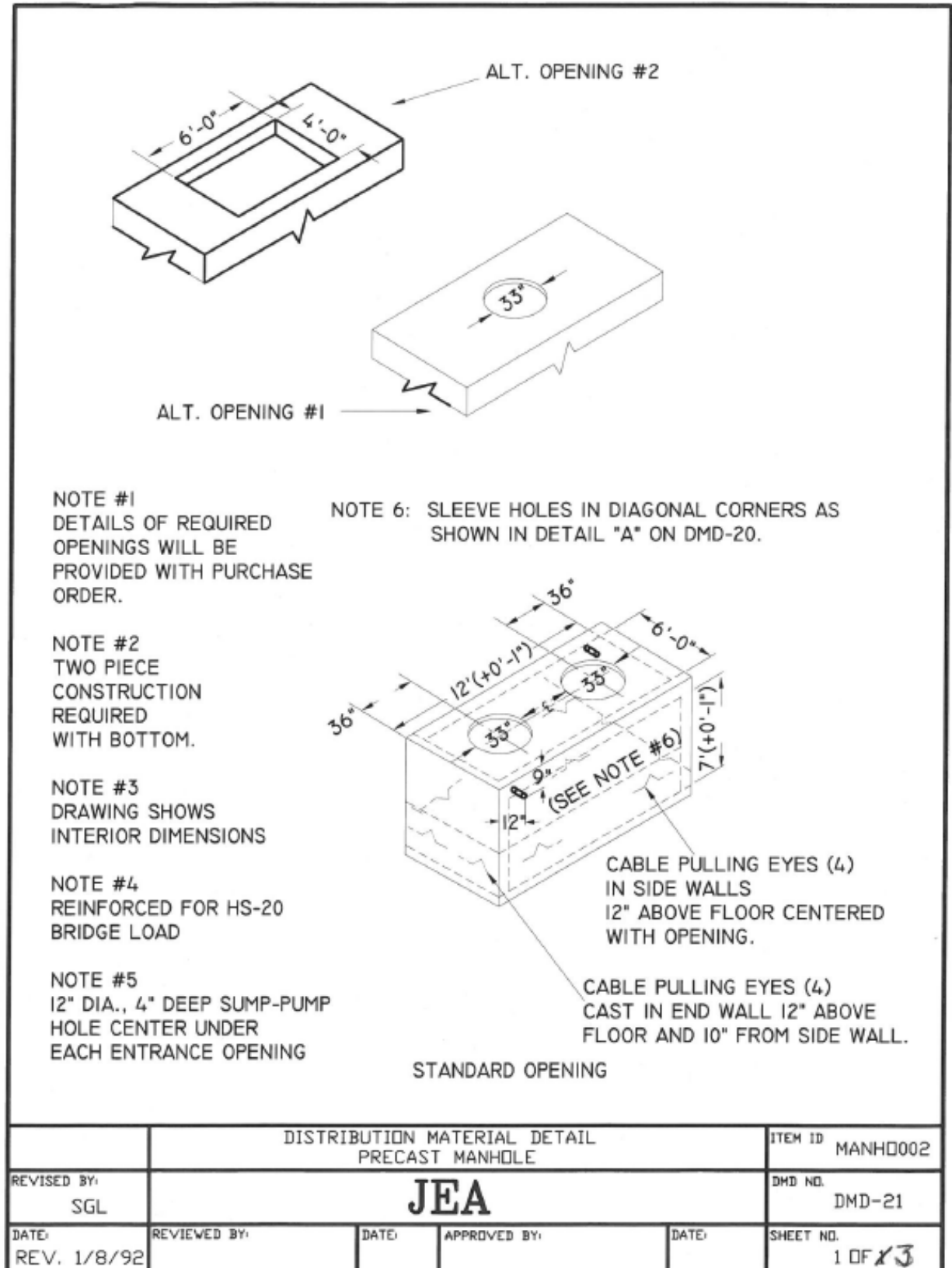
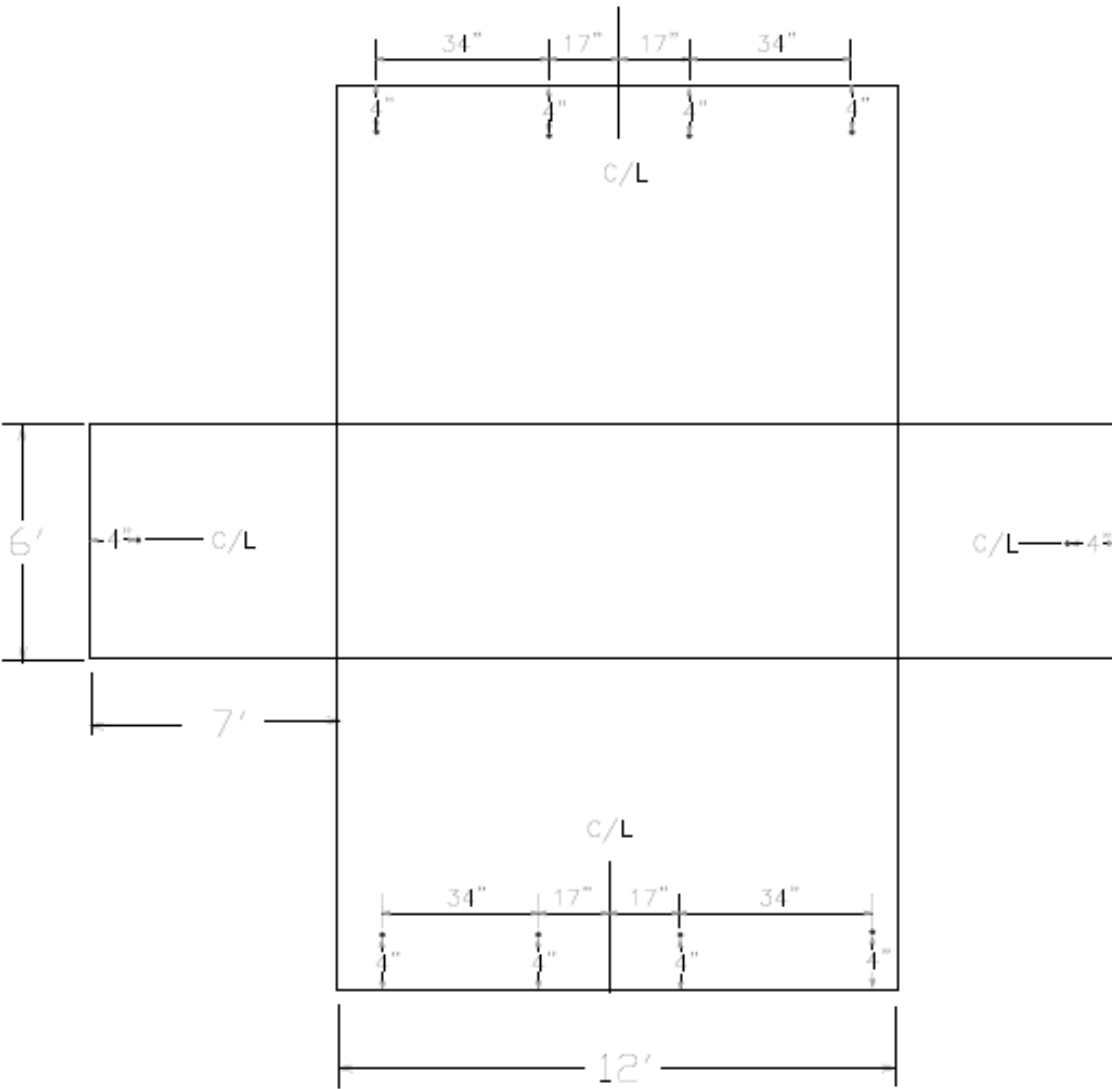
2. **MANHO002** - MANHOLE, 12' X 6' X 7' RECTANGULAR PRECAST CONCRETE, REINFORCED FOR HS-20 BRIDGE LOAD

Diagram of a JEA Standard Manhole Cutout Template. The template is a cross-shaped precast manhole with overall dimensions of 6' x 12' x 7'HR. The central section is 12' wide and 6' high. The side sections are 7' wide and 6' high. The end sections are 6' wide and 7' high. The diagram shows various knockout locations with dimensions: 18" for the top and bottom center knockouts, 4" for the side center knockouts, and 5" for the corner knockouts. A central text box states: "MAINTAIN 2" SEPARATION BETWEEN KNOCKOUTS" and "ALL 6" KNOCKOUTS EXCEPT OTHERWISE NOTED".

JEA STANDARD MANHOLE
CUTOUT TEMPLATE
6'x12'x7'HR

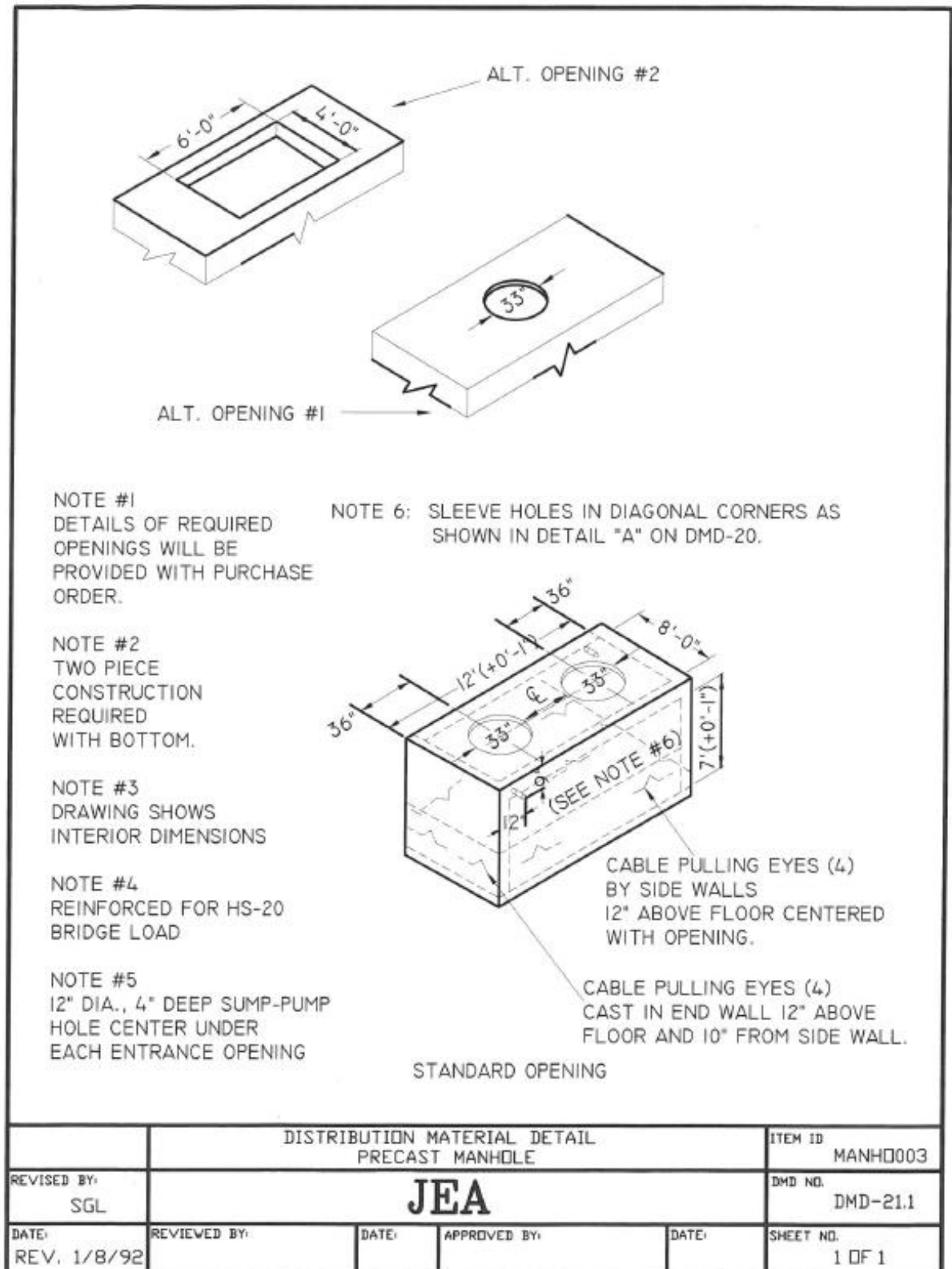
DISTRIBUTION MATERIAL DETAIL PRECAST MANHOLE				ITEM ID MANHD0002	
REVISED BY: SGL		JEA			DMD NO. DMD-21
DATE: 7/5/05	REVIEWED BY:				DATE:
					SHEET NO. 2 OF 3



JEA STANDARD MANHOLE
BOLT ANCHOR LAYOUT
6'x12'x6'HR

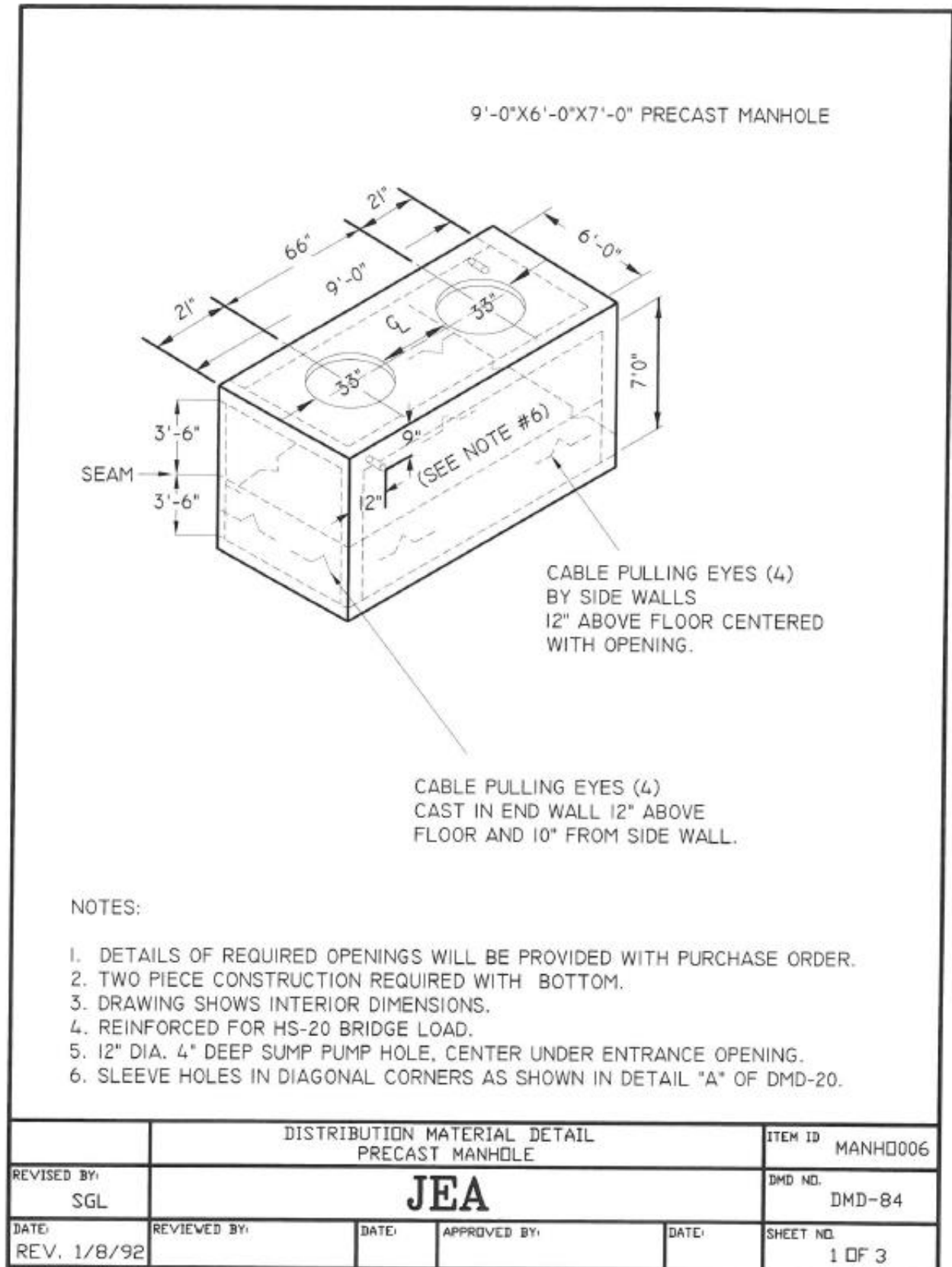
	DISTRIBUTION MATERIAL DETAIL PRECAST MANHOLE				ITEM ID MANH0002
REVISED BY PARKTA	JEA				DMD NO. DMD-21
DATE REV,5/23/17	REVIEWED BY	DATE	APPROVED BY	DATE	SHEET NO. 3 OF 3

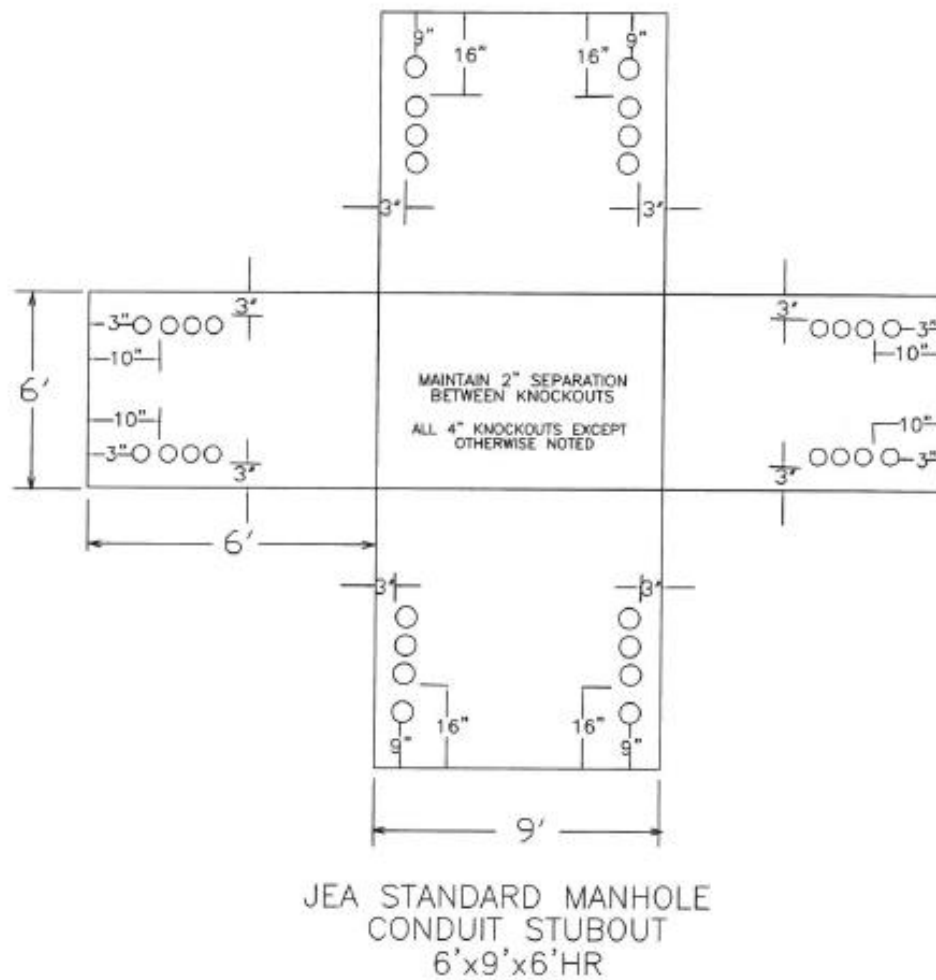
3. **MANHO003** - MANHOLE, 12' X 8' X 7' RECTANGULAR PRECAST CONCRETE, REINFORCED FOR HS-20 BRIDGE LOAD



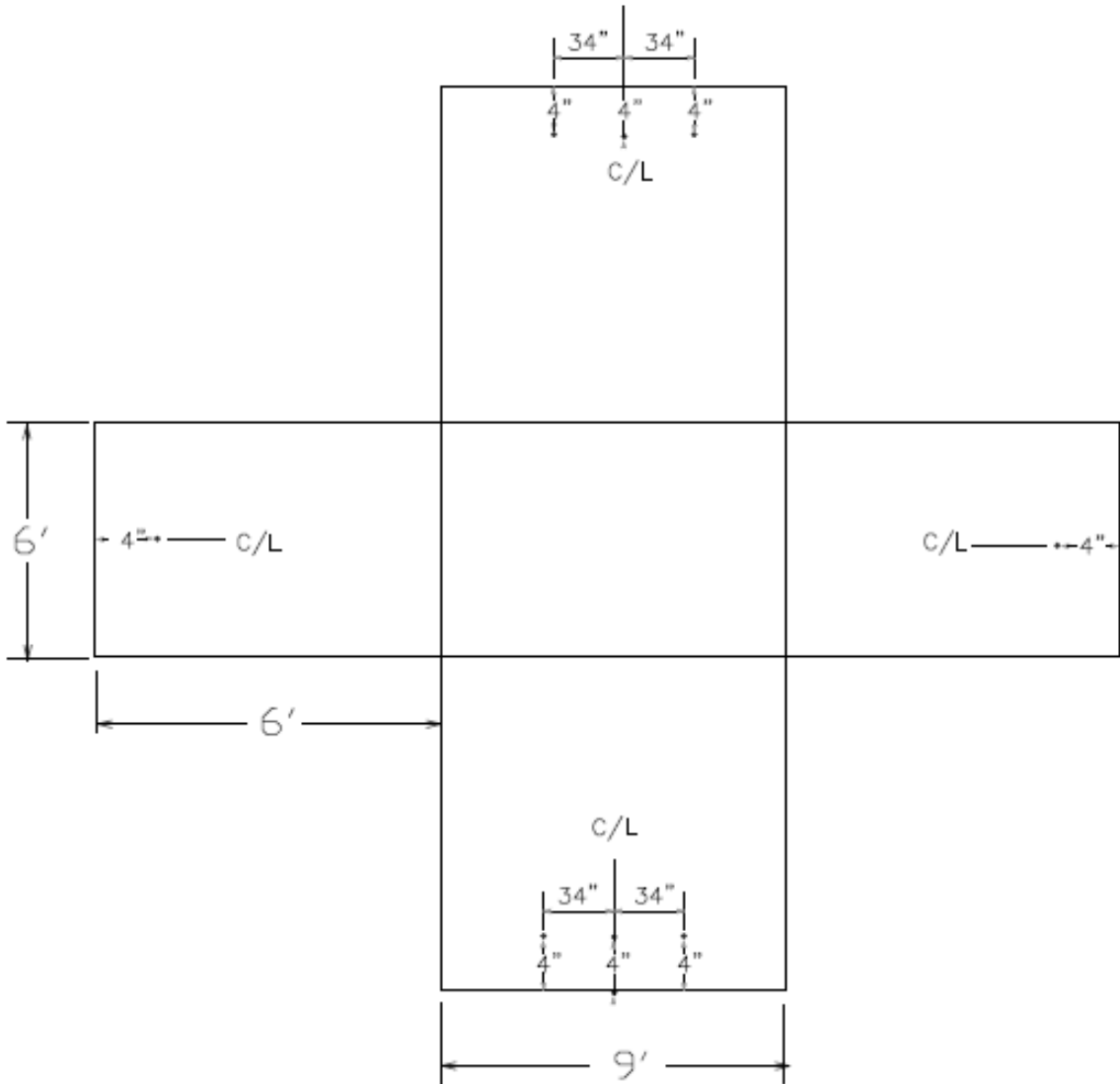
4. MANHO006 – MANHOLE, 9' X 6' X 7', PRECAST CONCRETE H-20 BRIDGE LOAD

9*12





DISTRIBUTION MATERIAL DETAIL PRECAST MANHOLE					ITEM ID MANHD006
REVISED BY: SGL	JEA				DMD NO. DMD-84
DATE: 7/5/05	REVIEWED BY:	DATE:	APPROVED BY:	DATE:	SHEET NO. 2 OF 3



JEA STANDARD MANHOLE
BOLT ANCHOR LAYOUT
6'x9'x6'HR

DISTRIBUTION MATERIAL DETAIL PRECAST MANHOLE		ITEM ID	MANHD006
REVISED BY PARKTA	JEA		DMD NO. DMD-84
DATE REV,5/23/17	REVIEWED BY	DATE	APPROVED BY
		DATE	SHEET NO. 3 OF 3

5. **MANHO009** - MANHOLE, 10' X 16' X 7' VAULT PRECAST CONCRETE REINFORCED FOR HS-20 BRIDGE LOAD

10' X 16' X 7' I.D. JEA MANHOLE

