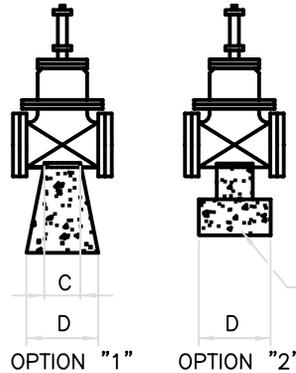


FRONT VIEW

SCALE: NONE



SIDE VIEW

SCALE: NONE



WATER VALVE SUPPORT DETAIL

SCALE: NONE

GENERAL NOTES:

1. CONCRETE $f'_c=2500$ PSI MINIMUM.
2. BASE AREA MAY BE MODIFIED WHEN SUBSTITUTING PRECAST BLOCK.
3. BLOCK OR SUPPORT MUST BE UNIFORMLY SUPPORTED FROM BELOW BY UNDISTURBED SOILS.
4. AT TOP OF SUPPORT, ALLOW SUFFICIENT ROOM FOR ACCESS TO FLANGE CONNECTIONS.
5. AT FRONT VIEWS, NEAR FLANGE NOT SHOWN FOR CLAIRITY.

NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

1. WHEN EDITING DETAIL TO SUIT PROJECT, ADD JOB SPECIFIC REQUIREMENTS AND DELETE ONLY THOSE PORTIONS THAT DO NOT APPLY. TO SEEK A VARIANCE FROM APPLICABLE REQUIREMENTS, CONTACT THE ESM CIVIL POC.

VALVE SUPPORT TABLE				
VALVE SIZE	A	(MIN) B	C	(MIN) D
6"	12"	20"	4"	4"
8"	14"	24"	4"	4"
10"	16"	26"	5"	5"
12"	18"	28"	5"	5"
14"	20"	30"	6"	6"
16"	22"	32"	8"	8"
18"	24"	34"	10"	10"

E=1-1/2" MORTAR BED "CRADLE"

DRAWING DEVELOPED FOR ML-3/ML-4 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE).

1	8-23-02	U		GENERAL REVISION AND DWG. NO. WAS 373665.	RP	EH	MS	EH	TO
NO	DATE	CLASS	REV	DESCRIPTION	OWN	DSGN	CHKD	SUB	APP
ENGINEERING STANDARDS PROGRAM									
ENGINEERING STANDARDS MANUAL								DESIGN	R.PEARSON
WATER VALVE SUPPORT DETAIL								CHECKED	M.SMITHOUR
BLDG X								DATE	0-28-99
SUBMITTED								APPROVED FOR RELEASE	TA-X
DISCIPLINE POC: E. HOTH								STANDARDS MANAGER: TOBIN ORUCH	
SHEET								1	1
Los Alamos NATIONAL LABORATORY								PO Box 1663	
CLASSIFICATION: U								REVIEWER: LARRY BAYS	DATE:
PROJECT ID								DRAWING NO	REV
CHAPTER 3								ST-G3010-6	1