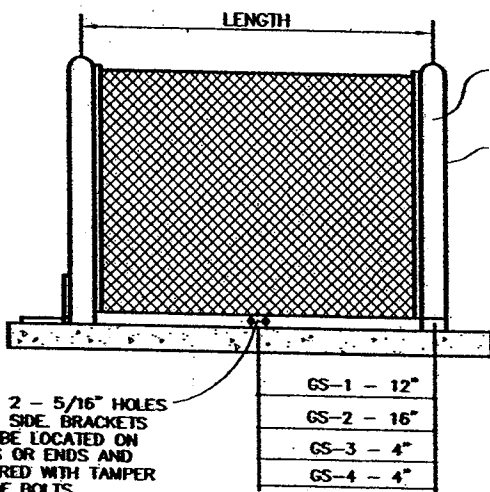


- DRILL 2 HOLES AS NOTED
- GS-1 EACH END
 - GS-2 EACH END
 - GS-3 ONE END ONLY
 - GS-3.5 SAME AS GS-2H
 - GS-4 SAME AS GS-2H

FRONT VIEW



SIDE VIEW

CITY OF MERCED NOTES:

ENCLOSURE SHOWN IS BY A CITY APPROVED MANUFACTURER. ANY ALTERNATES SHALL REQUIRE SUBMITTALS FOR APPROVAL BY THE CITY IN ADVANCE OF CONSTRUCTION.

CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING THE PROPER ENCLOSURE FOR THE BACKFLOW PREVENTER USED.

COLOR SHALL BE "FOREST GREEN", OR AN APPROVED EQUAL.

ENCLOSURE BASE SHALL BE A MINIMUM OF 4" CONCRETE OVER 4" ASB (WITH 3" CLEARANCE FROM ALL EDGES), OR USE PRE-MANUFACTURED ENCLOSURE BASE. TOP OF BASE SHALL BE 1" MINIMUM ABOVE FINISH GRADE.

ALL UNITS SHALL BE HINGED (WHERE POSSIBLE) WITH FULL ACCESSIBILITY BY CITY PERSONNEL, AND SHALL BE TAMPER-PROOF (LOCKABLE).

MANUFACTURER NOTES:

AFTER ALL WELDING, ENTIRE UNIT SHALL BE PROCESSED WITH IRON PHOSPHATE PRETREATMENT. ELECTROSTATIC APPLICATION OF POWDER SHALL BE FUSION BONDED - PRS-B-4004-C (BEIGE) OR PRS-B-4003-C (LEAF GREEN), OR APPROVED EQUAL.

ALL UNITS ALSO AVAILABLE IN 304 S.S. GS-3.5 AVAILABLE IN 304 S.S. ONLY.

ALL BOLTS FOR HINGES AND HSAPS SHALL BE ZINC PLATED TAMPER PROOF. EXCEPTIONS - USE S.S. HARDWARE FOR S.S. UNITS.

STD. SIZES	CENTERLINE DIMENSIONS		WEIGHT	
			GS	CGS
GS-5	12"W x 18"H x 12"L	LIFT OFF UNIT	35	30
GS-1	12"W x 24"H x 24"L	LIFT OFF UNIT	40	34
GS-2	12"W x 24"H x 32"L	LIFT OFF UNIT	45	40
GS-3	12"W x 24"H x 42"L	HINGED UNIT	51	46
GS-3.5	12"W x 30"H x 42"L	HINGED UNIT	N/A	55
GS-4	18"W x 30"H x 48"L	HINGED UNIT	67	60

NOTE:
 GS = POWDER COATED STEEL GUARD SHACK
 CGS = STAINLESS STEEL COAST GUARD SHACK
 W/ SAND BLASTED SATIN FINISH

**BACKFLOW PREVENTION
 DEVICE ENCLOSURES**

15840 N. 32nd St. SUITE 4
 PHOENIX, ARIZONA 85032 (602) 788-5411
 www.bpdi.com

ENGINEERING DEPARTMENT		CITY OF MERCED, CA.	
BACKFLOW PREVENTER ENCLOSURE			W-37
DRAWN: YLC	APPROVED BY: <i>[Signature]</i>	DATE: 11/15/04	
DATE: 1/02	CITY ENGINEER		
REVISED: 06/04		SHEET	OF