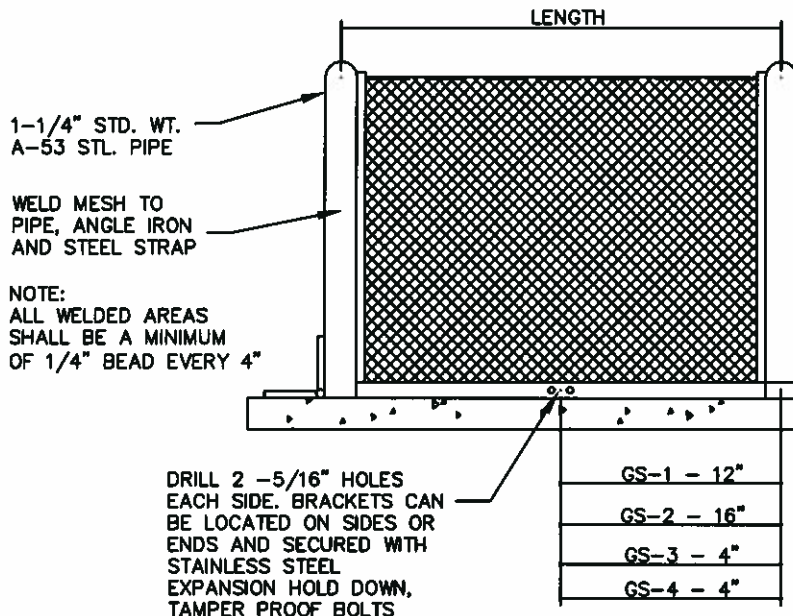




BPDI BACKFLOW PREVENTION
DEVICE ENCLOSURES OR
APPROVED EQUAL (WWW.BPDI.COM)
(800) 266-5411

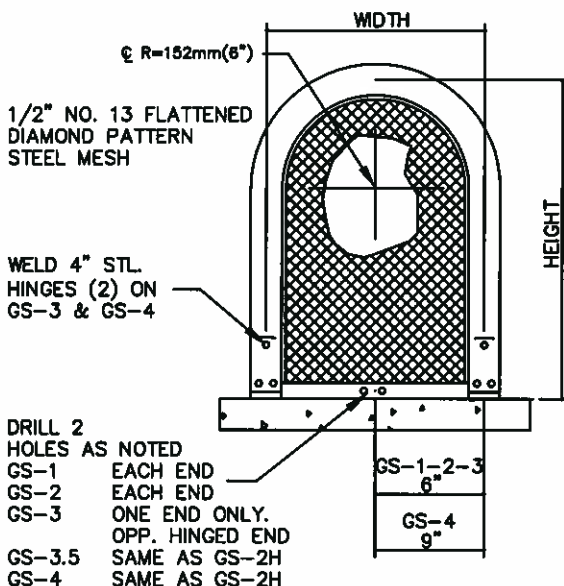
WELD MESH TO
PIPE, ANGLE IRON
AND STEEL STRAP

NOTE:
ALL WELDED AREAS
SHALL BE A MINIMUM
OF 1/4" BEAD EVERY 4"

DRILL 2 -5/16" HOLES
EACH SIDE. BRACKETS CAN
BE LOCATED ON SIDES OR
ENDS AND SECURED WITH
STAINLESS STEEL
EXPANSION HOLD DOWN,
TAMPER PROOF BOLTS

GS-1 - 12"
GS-2 - 16"
GS-3 - 4"
GS-4 - 4"

PCC SLAB AND BASE.
SEE NOTES (2), (3), AND (4).
SEE DETAIL G-3.



NOTE:
AFTER ALL WELDING, ENTIRE UNIT SHALL
BE PROCESSED WITH IRON
PHOSPHATE PRETREATMENT.
ELECTROSTATIC APPLICATION OF POWDER SHALL
BE FUSION BONDED - PRS-8-4004-C (BEIGE) OR
PRS-8-4003-C (LEAF GREEN) COLOR AS DIRECTED
PER PLANS 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 HASPS SHALL BE
ZINC PLATED TAMPER PROOF, EXCEPTION - USE
SS HARDWARE FOR SS UNITS.

STD. SIZES	CENTERLINE DIMENSIONS		WEIGHT (lbs)	
			GS	CGS
GS-0.5	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
CGS-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

NOTES:

1. MAINTAIN 50mm(2") MINIMUM CLEARANCE AT TOP AND 305mm(12") ON ALL SIDES BETWEEN ENCLOSURE AND ANY PIPE AND FITTINGS.
2. 150mm(6") PCC SLAB SHALL EXTEND 152mm(6") BEYOND ENCLOSURE. ALL SIDES SLOPE TO PERIMETER. SEE DETAIL G-3.
3. 150mm(6") AB AT 95% RELATIVE COMPACTION.
4. FINISHED GRADE SHALL BE 25mm(1") ABOVE GRADE IN UNPAVED AREAS.

ACAD FILENAME: WA-21 PROPOSED



CITY OF MENLO PARK STANDARD DETAILS

NO.	REVISIONS	DATE
1	NOTE 3	3/12/08

BACKFLOW PREVENTER ENCLOSURE CAGE ASSEMBLY

APPROVED

[Signature]
SENIOR ENGINEER R.C.E. NAC01203

DRAWN
JF/MC

CHECKED
VP

DATE
03/27/08

SCALE
NTS

SHEET

STD. DETAIL No.: WA-21