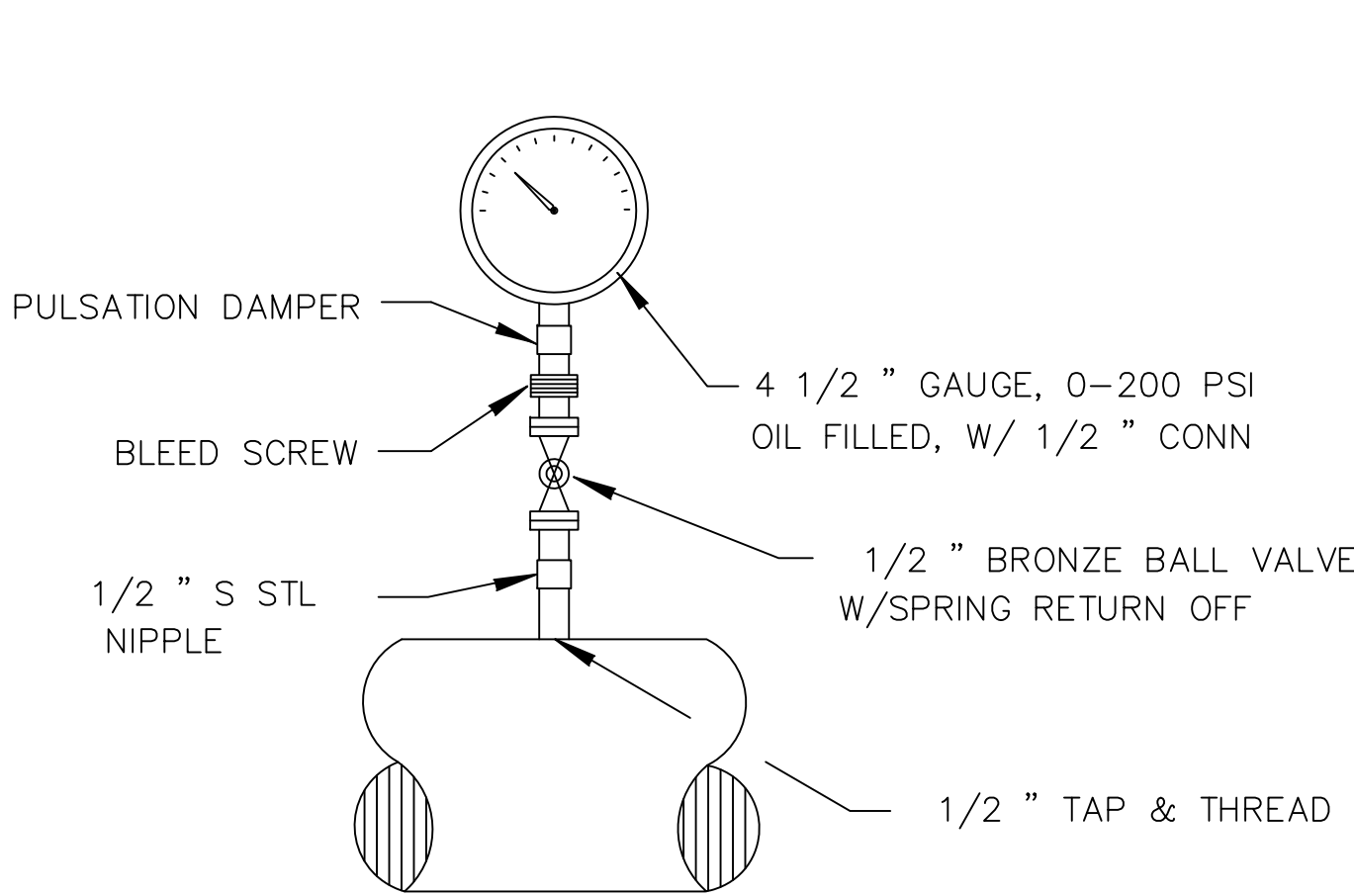
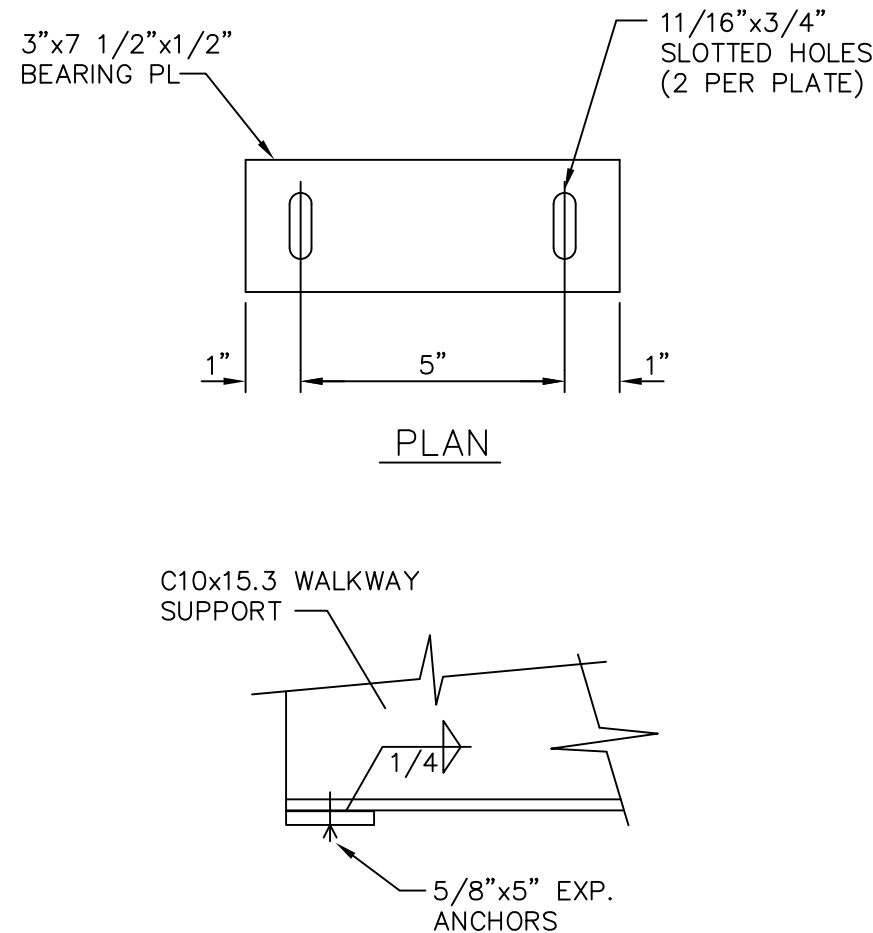


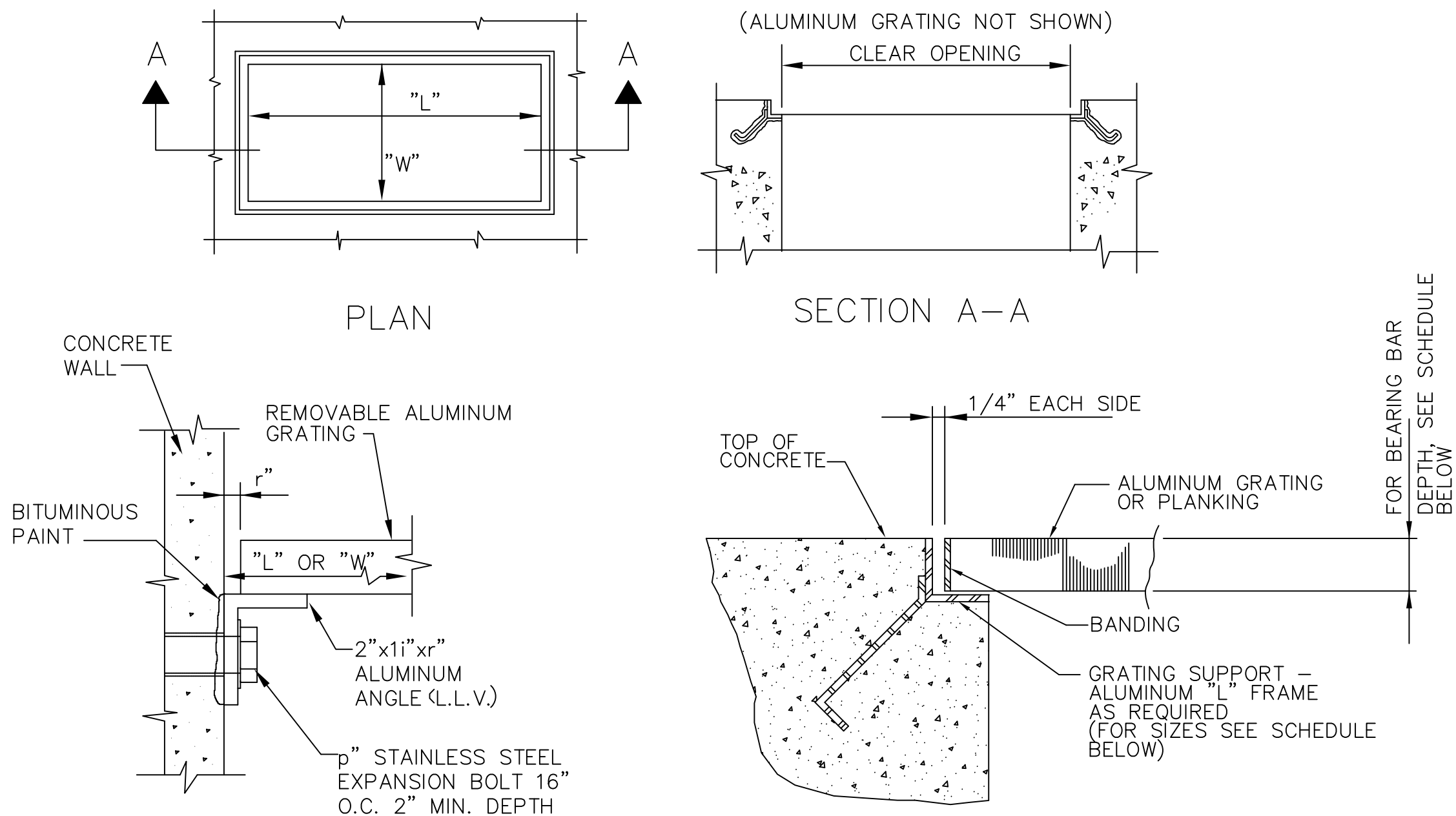


PRESSURE GAUGE DETAIL (TYP.)
NTS



BEARING PL DETAIL (SECTION)
NTS

MAX. CLEAR SPAN	BEARING BAR DEPTH	ANGLE SIZE
LESS THAN 3'-0"	1 1/4"	1 1/2 x 1 1/2 x 1/4
3'-0" to 4'-0"	1 1/2"	1 3/4 x 1 3/4 x 1/4
4'-1" to 5'-0"	1 3/4"	2 x 2 x 1/4
5'-1" to 6'-0"	2"	2 1/4 x 2 1/4 x 1/4
6'-1" to 7'-0"	2 1/4"	2 1/2 x 2 1/2 x 1/4

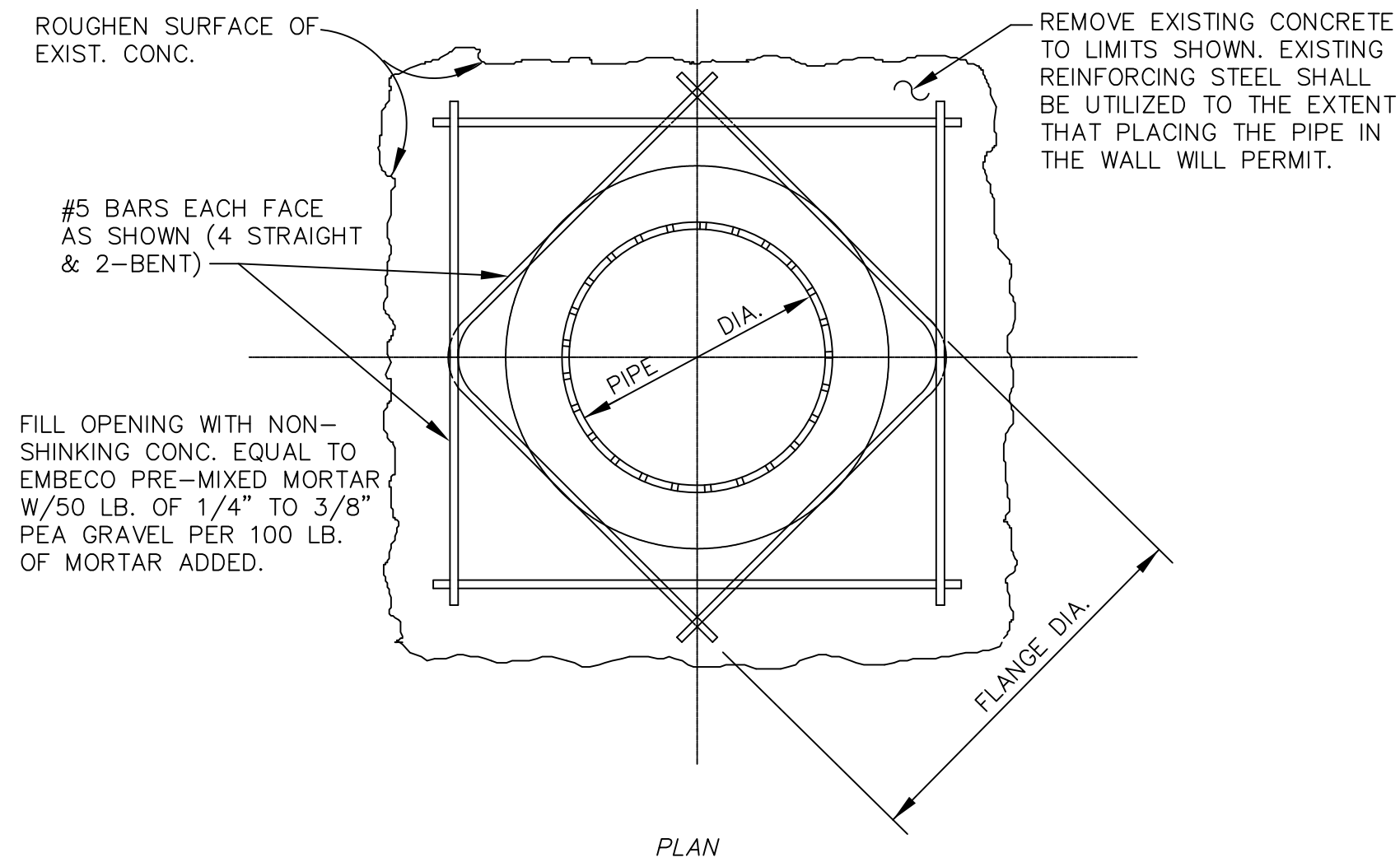


NOTE:
LENGTH OF ANGLE INSERTS TO
BE DETERMINED BY AMOUNT OF
GRATING USED; SIZE OF ANGLE
INSERTS DETERMINED BY GRATING
THICKNESS.

AT WALL

NOTE:
1. BITUMINOUS COATING REQUIRED ON ALL
ALUMINUM SURFACES IN CONTACT WITH
CONCRETE.
2. ALL GRATING SECTIONS TO BE Banded.

FLOOR GRATING SUPPORTS
NTS



- NOTES:
1. WALL SLEEVE TO BE USED ON STEEL PIPES
3" ID AND LESS, AND DIP WHERE NOTED
 2. SLEEVE TYPE COUPLING TO BE USED UNLESS
FITTING IS INSTALLED WITH-IN 12" OF WALL

TYPICAL WALL SLEEVE DETAIL
NTS

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DESCRIPTIONS	BY	DATE	DATE	DATE	DATE	DATE	DATE
REVISIONS	BY	DATE	DATE	DATE	DATE	DATE	DATE
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ENVIRONMENTAL, INC.
ENGINEERS IN WATER AND EARTH SCIENCES
UNIONTOWN, OHIO

CITY OF MASSILLON, OHIO
WWTP UPGRADE 2000
DETAILS

JOB NO. E9031
DATE 08/13/01
SCALE AS NOTED
SHEET P136

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