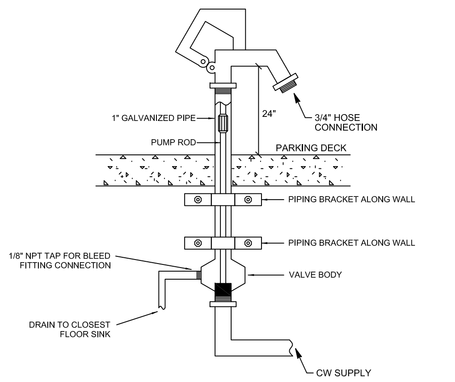
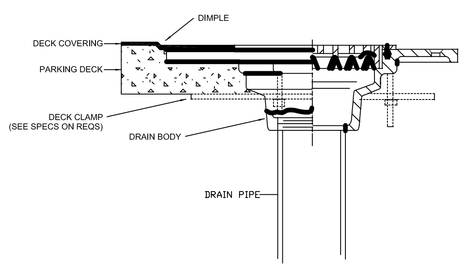
13

FREEZE-PROOF POST HYDRANT HB-4 DETAIL



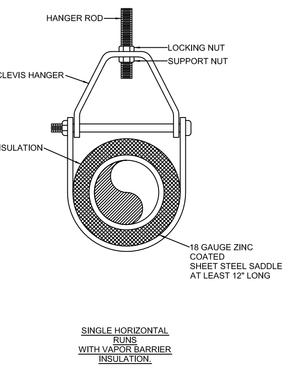
9

ROOF DRAIN RD-3 DETAIL



5

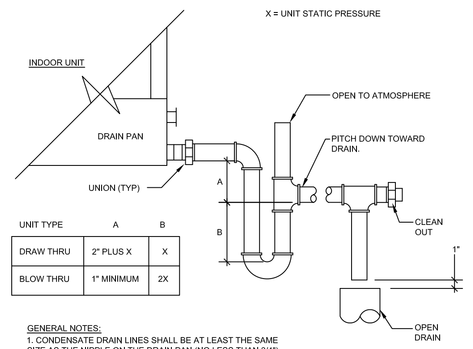
CLEVIS HANGER DETAIL



SINGLE HORIZONTAL RUNS WITH VAPOR BARRIER INSULATION.

1

CONDENSATE DRAIN DETAIL

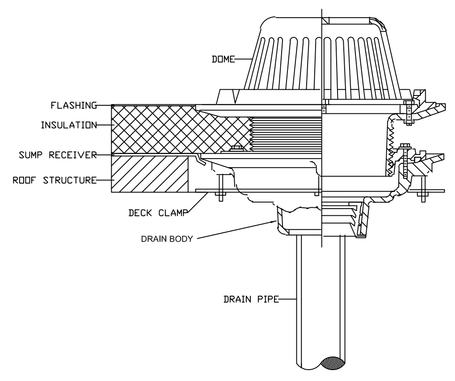


UNIT TYPE	A	B
DRAW THRU	2" PLUS X	X
BLOW THRU	1" MINIMUM	2X

GENERAL NOTES:
1. CONDENSATE DRAIN LINES SHALL BE AT LEAST THE SAME SIZE AS THE NIPPLE ON THE DRAIN PAN (NO LESS THAN 3/4"). INSULATION REQUIRED.
2. WHERE CONDENSATE DRAINS TO EXTERIOR OF BUILDING, TERMINATE CONDENSATE DRAIN 12" ABOVE GRADE.

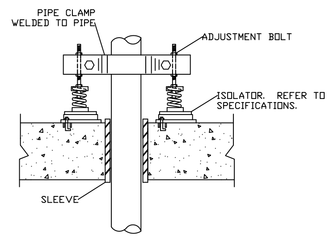
14

ROOF DRAIN RD-1 DETAIL



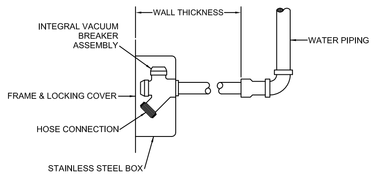
10

PIPE SUPPORT THROUGH FLOOR DETAIL



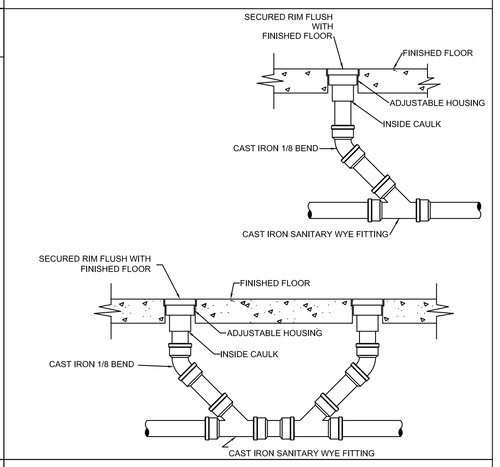
6

FREEZE-PROOF HOSE BIBB HB-1 DETAIL



2

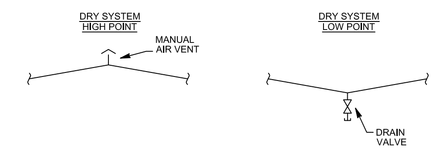
FLOOR AND TWO WAY CLEANOUT CO DETAIL



15

11

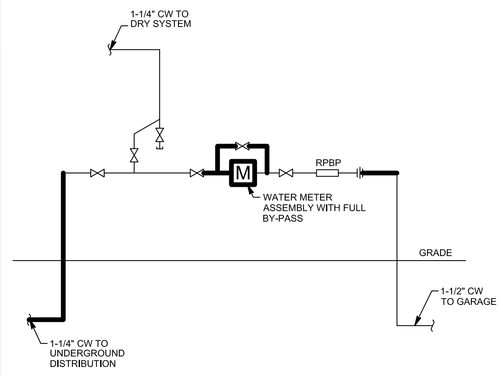
WATER DRY SYSTEM PIPING SCHEMATIC



NOTES:
1. DRY SYSTEM TO BE DRAINED ANNUALLY PRIOR TO ANTICIPATED FREEZING CONDITIONS.
2. PIPING SHOULD BE SLOPED AT A MINIMUM 1/16" PER 1' UP FROM LOW POINTS AND DOWN FROM HIGH POINTS.
3. COORDINATE PENETRATIONS OF STRUCTURAL BEAMS WITH STRUCTURAL DETAIL "TYP. BEAM WEB PENETRATIONS."

7

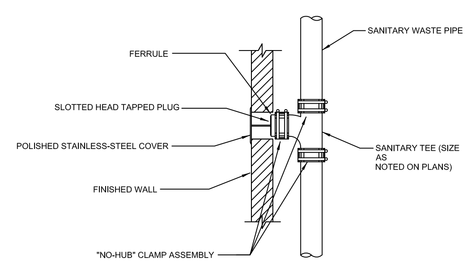
WATER ENTRY TO BUILDING



NOTES:
1. DRY SYSTEM TO BE DRAINED ANNUALLY PRIOR TO ANTICIPATED FREEZING CONDITIONS.
2. UNDERGROUND CW PIPING TO BE INSTALLED BELOW FROST LINE.

3

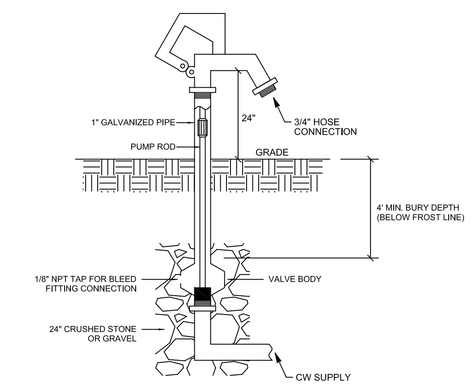
WALL CLEANOUT WCO DETAIL



16

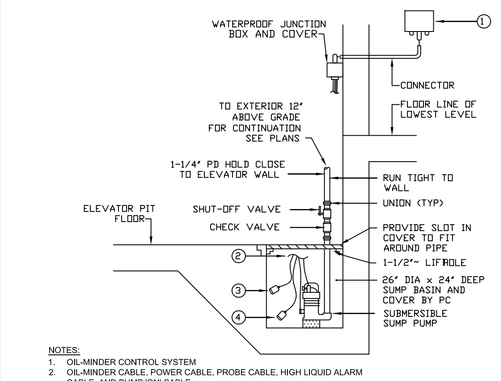
12

FREEZE-PROOF POST HYDRANT HB-3 DETAIL



8

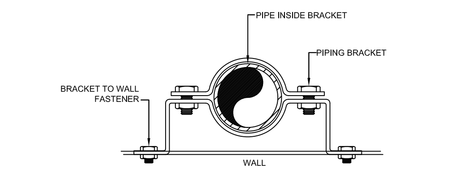
ELEVATOR PIT SUMP PUMP SP-1 DETAIL



NOTES:
1. OIL-MINDER CONTROL SYSTEM
2. OIL-MINDER CABLE, POWER CABLE, PROBE CABLE, HIGH LIQUID ALARM CABLE, AND PUMP 'ON' CABLE.
3. HIGH LIQUID ALARM FLOAT.
4. PUMP 'ON' FLOAT.

4

PIPE ALONG WALL DETAIL



FINAL SUBMISSION

No.	Description	Date
	FINAL SUBMISSION	9/24/2013
Revisions:		Date

CONSULTANTS

ARCHITECT/ ENGINEERS

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Drawing Title: PLUMBING DETAILS

Approved: Project Director

Project Title: VA Erie Parking Structure

Location: Erie, PA

Date: 9/19/2013 | Checked: SCS | Drawn: CJW

Project Number: 11159.00

Building Number:

Drawing Number: **P-501**

Office of Construction and Facilities Management

Department of Veterans Affairs