

777 Old Saw Mill River Road
Tarrytown, NY 10591-6707
T: 914.847.7400
F: 914.847.7991
www.regeneron.com

Building #17
Campus Expansion Child Day-care Center

899 Old Saw Mill River Road
Mount Pleasant, NY 10591

Project No. B17-DAYCARE

Architect
Gensler
1700 Broadway, Suite 400
New York, NY 10019
(212) 492-1400 Phone
(212) 492-1472 Fax

Structural Engineer

Thornton Tomasetti
120 Broadway, 15th Floor
New York, NY 10021
(917) 661-7800 Phone
(917) 661-7801 Fax

MEP / IT / Security Engineer

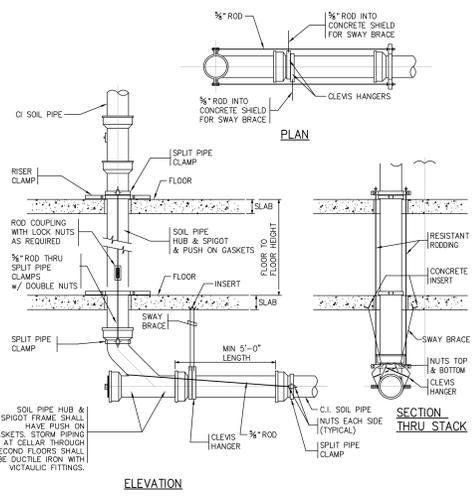
Cosentini Associates
498 Seventh Avenue
New York, NY 10018
(212) 615-3600 Phone
(212) 615-3700 Fax

Civil Engineer

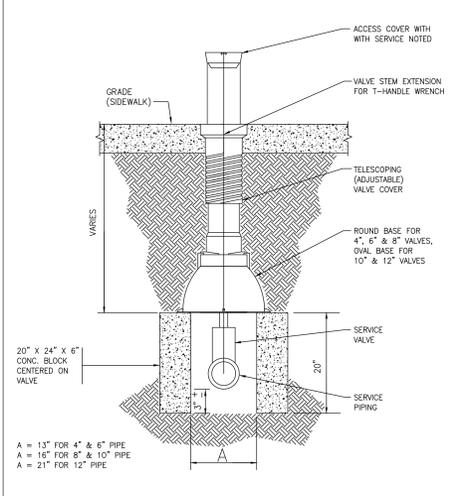
JMC
120 Bedford Road
Armonk, NY 10504
(914) 273-5225 Phone
(914) 273-2102 Fax

Landscape Architect

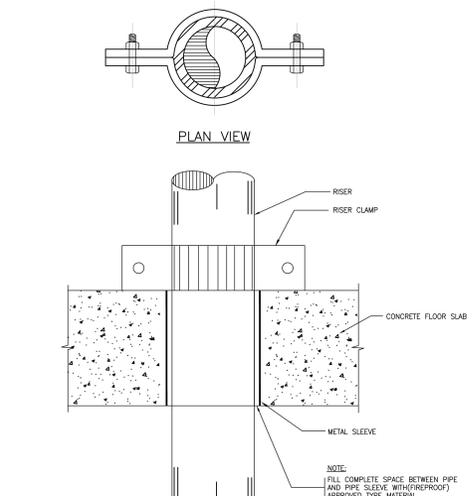
Langan
21 Penn Plaza, 360 West 31st Street, 8th Floor
New York, NY 10001
(212) 479-5400 Phone
(212) 479-5444 Fax



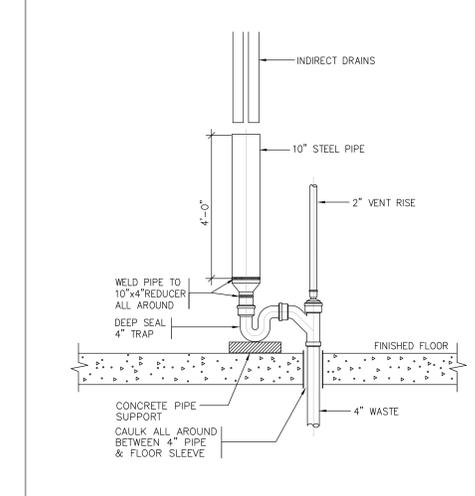
DETAIL OF PIPING AT BASE OF STACKS
BASE OF LEADERS SIMILAR
NO SCALE



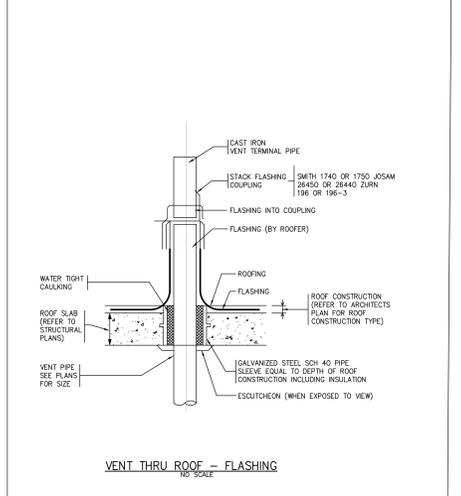
TYPICAL SERVICE VALVE BOX DETAIL
NOT TO SCALE



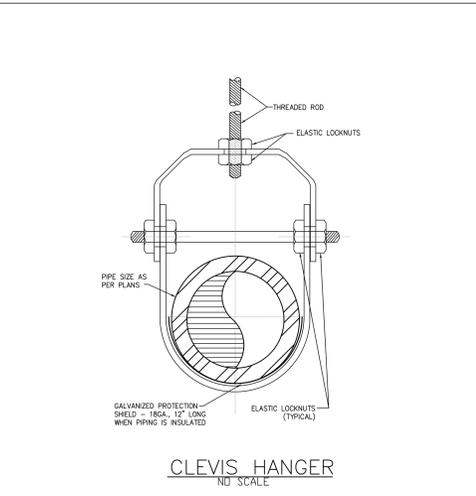
TYPICAL RISER ANCHOR DETAIL
NO SCALE



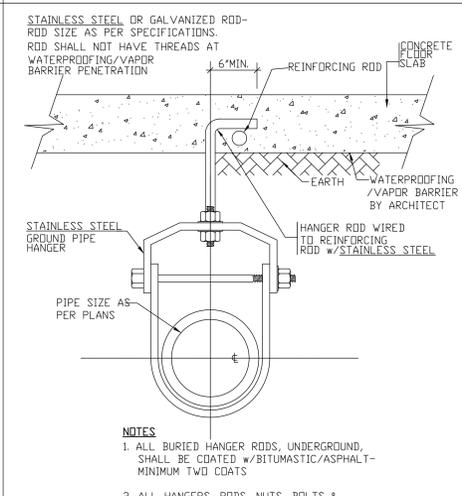
TYPICAL INDIRECT WASTE RECEPTOR
NO SCALE



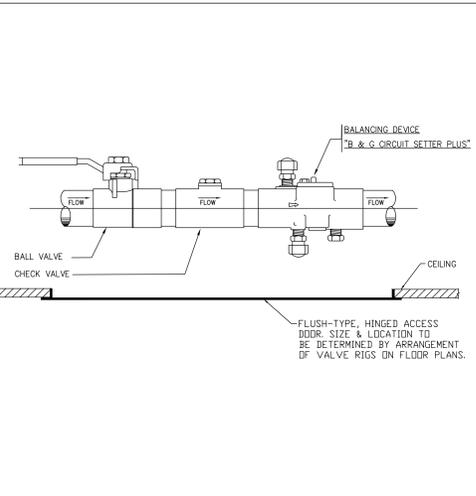
VENT THRU ROOF - FLASHING
NO SCALE



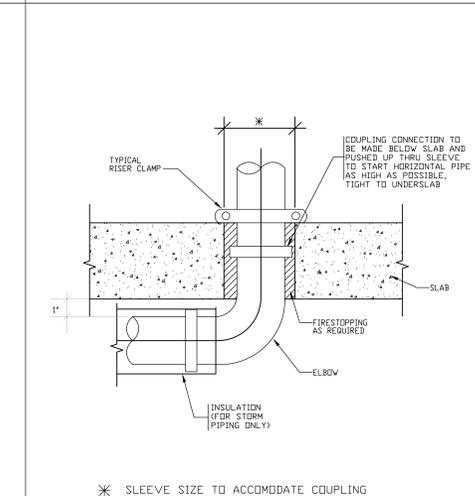
CLEVIS HANGER
NO SCALE



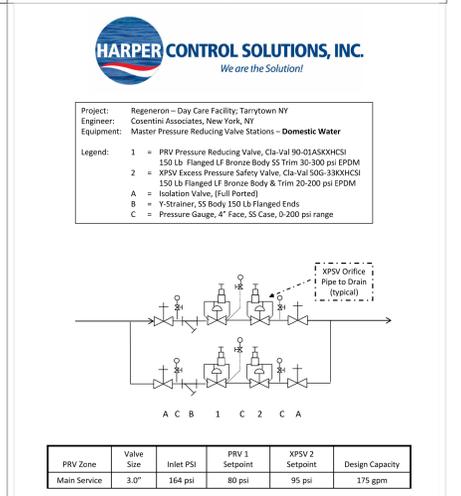
PIPE SUPPORT FOR UNDERGROUND DRAINAGE PIPING
NOT TO SCALE



TYPICAL BALANCING VALVE RIG
NO SCALE



TYPICAL VERTICAL-TURN-HORIZONTAL DRAIN PIPING DETAIL
NO SCALE



HARPER CONTROL SOLUTIONS, INC.
We are the Solution!

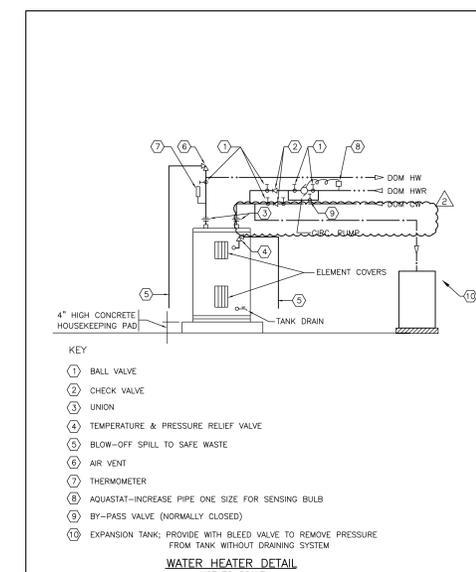
Project: Regeneron - Day Care Facility, Tarrytown NY
Engineer: Cosentini Associates, New York, NY
Equipment: Master Pressure Reducing Valve Stations - Domestic Water

Legend:

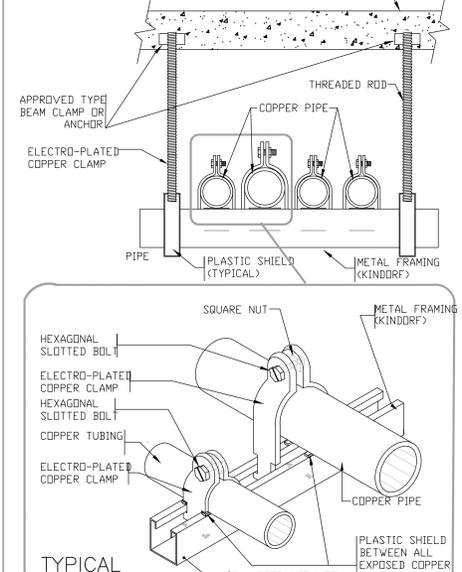
- 1 = PRV Pressure Reducing Valve, Cla-Val 90-02AS30CHCS 150 Lb Flanged LF Bronze Body SS Trim 30-300 psi EPDM
- 2 = XPSV Excess Pressure Safety Valve, Cla-Val 50G-380CHCS 150 Lb Flanged LF Bronze Body & Trim 20-200 psi EPDM
- A = Isolation Valve, (Full Ported)
- B = Y-Strainer, SS Body 150 Lb Flanged Ends
- C = Pressure Gauge, 4" Face, SS Case, 0-2000 psi range

PRV Zone	Valve Size	Inlet PSI	PRV 1 Setpoint	XPSV 2 Setpoint	Design Capacity
Main Service	3.0"	164 psi	80 psi	95 psi	175 gpm

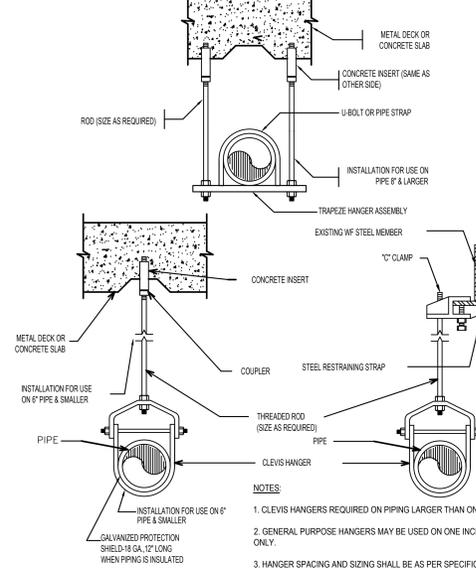
Harper Control Solutions, Inc. | 1010 Washington Blvd, Stamford, CT 06901 | T: 203.964.1900 | F: 203.964.0100 | P: 203.964.0000 | harpercontrols.com



WATER HEATER DETAIL
NOT TO SCALE



TYPICAL SUPPORT DETAIL
NOT TO SCALE



FLOOR DRAIN TRAP SEAL PROTECTION
NO SCALE

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 ENERGY CONSERVATION CODE OF NYS

This plan is approved only for work indicated on the application specification sheet. All other matters shown are not to be relied upon, or to be considered as either being approved or in accordance with applicable codes.

Alterations or additions to this engineering document by an unlicensed person is a violation of Chapter 16, Title VIII, Article 145 § 7209.2 of the New York State Education Law.

No. Date Description

0	05.20.2022	ISSUED FOR PERMIT
1	06.20.2022	100% CONSTRUCTION DOCUMENTS
2	07.01.2022	100% CONSTRUCTION DOCUMENTS-1

Plot Date: 07.01.2022

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Professional Seal and Signature

Vendor Name: COSENTINI
Vendor Project No.: 210104
Discipline: Plumbing Drawn By: DH
PLUMBING
DETAILS

Scale: NTS Floor: N/A

P-500