

BASEMAP REFERENCE: NYC GIS

VICINITY MAP  
N.T.S.

## Scope of Work

INSTALLATION OF PASSIVE SUB-SLAB DEPRESSURIZATION SYSTEM (SSDS) AT 2840 ATLANTIC AVENUE, BROOKLYN NEW YORK AS SHOWN ON THESE PLANS. THE BUILDING IS APPROXIMATELY 19,000 SF.

THE WORK INCLUDES:

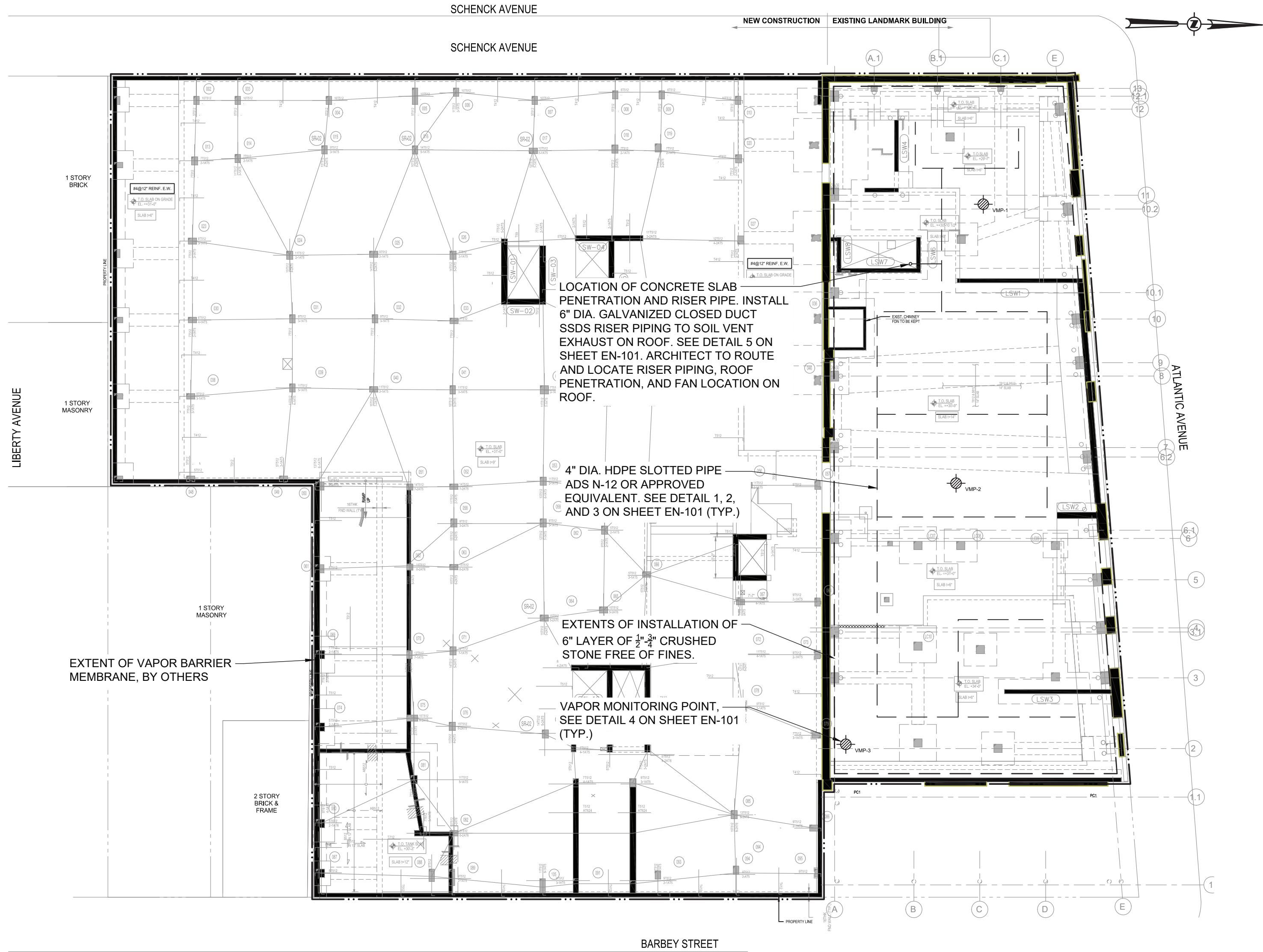
1. INSTALLATION OF PERFORATED PIPING
2. INSTALLATION OF RISER PIPING AND EQUIPMENT

## Legend

- SLOTTED HDPE PIPING
- VAPOR BARRIER MEMBRANE EXTENTS
- VMP-# VAPOR MONITORING POINT

## General Notes

1. DRAWING NOT TO BE USED FOR STRUCTURAL, ARCHITECTURAL OR OTHER REFERENCE EXPECT FOR SUB-SLAB DEPRESSURIZATION SYSTEM AND GAS VAPOR BARRIER.
2. COORDINATE ALL WORK FOR SUB-SLAB DEPRESSURIZATION SYSTEM, GAS VAPOR BARRIER AND ROOF PENETRATION WITH OTHER TRADES PRIOR TO INSTALLATION.
3. COORDINATE LOCATION OF RISER WITH ARCHITECT.
4. FIELD CONDITIONS TO BE VERIFIED BY CONTRACTOR PRIOR TO ANY WORK.
5. SLOPE SOLID PIPING DOWNWARD TOWARDS SSDS SLOTTED PIPING AT 1/8" PER FT OF PIPING.
6. ALL DUCTING TO BE CLOSED DUCTING NORDFAB OR APPROVED EQUIVALENT.
7. ALL DUCTING TO BE CONNECTED UTILIZING AIR TIGHT QUICK FIT COUPLINGS. NORDFAB OR APPROVED EQUIVALENT.
8. TOP OF EFFLUENT STACK AT LEAST 10' FROM ANY WINDOWS, DOORS OR OTHER BUILDING OPENINGS, OR FROM ANY WINDOWS OR OTHER OPENINGS IN ADJACENT BUILDINGS, INCLUDING AIR INTAKES, LOUVERS, VENTS, ETC.
9. ALL ELECTRICAL TO BE INSTALLED BY LICENSED ELECTRICIAN.
10. PROVIDE DESIGNATED CIRCUIT FOR BLOWER.
11. PROVIDE MINIMUM NEMA 3R PANELS FOR EXTERIOR ELECTRICAL COMPONENTS.
12. ALL EXTERIOR PENETRATIONS FOR ELECTRICAL TO BE BOOTED AND WATER TIGHT.
13. ALL CONCRETE PENETRATIONS SHALL BE SEALED WITH LIQUID BOOT TROWEL GRADE OR ENGINEER APPROVED EQUAL.
14. COMPACT CRUSHED STONE PER GEOTECHNICAL REQUIREMENTS.
15. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ENGINEERS APPROVAL, INCLUDING BUT NOT LIMITED TO:
  - 15.1. PIPING MATERIALS AND FITTINGS
  - 15.2. FAN MAKE AND MANUFACTURER
  - 15.3. VACUUM MONITORING POINT & FITTINGS
  - 15.4. DUCT SUPPORTS



REFERENCE:  
1. STRUCTURAL PLANS BY WSP USA DATED 09/24/2020 -  
CELLAR LEVEL AND FOUNDATION REINF. PLAN - FO-301.00

## SUB-SLAB DEPRESSURIZATION SITE PLAN

SCALE: 1" = 20'

0 20 40  
SCALE: 1" = 20'



630 Johnson Avenue, Suite 7  
Bohemia, NY 11716-2618  
Phone: (631) 589-6353 Fax: (631) 589-8705  
E-mail: INFO@PWGROSSER.COM

## CONSULTANTS

7		
6		
5		
4		
3		
2		
1	CONSTRUCTION DOCUMENTS	2022-06-06

Designed By	WSH	Date Submitted	
Drawn By	WSH	Date Created	6/6/2022
Approved By	MS	Scale	AS NOTED

Client:  
2840 ATLANTIC HOLDINGS, LLC  
777 LAKE ZURICH ROAD, #195  
BARRINGTON, ILLINOIS 60010

## PASSIVE SSDS AND VAPOR BARRIER

Project Address:  
2840 ATLANTIC AVENUE  
BROOKLYN, NY 11207

County Tax Map Number: Contract Number:  
Regulatory Reference Number:

Title of Drawing:

## SSDS AND VAPOR BARRIER SITE PLAN



Drawing Number:

EN-100

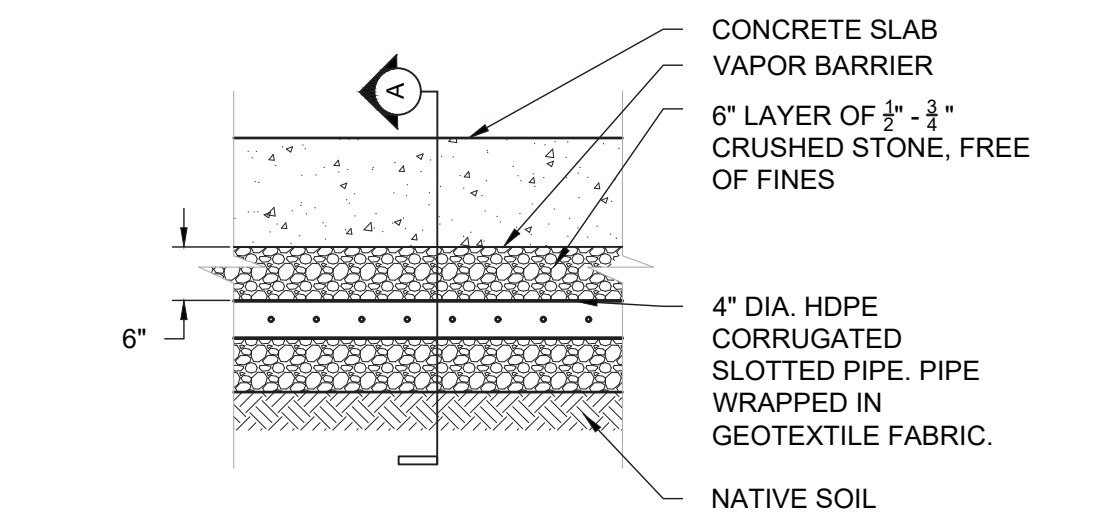
Sheet 1 of 2

PWGC Project Number:

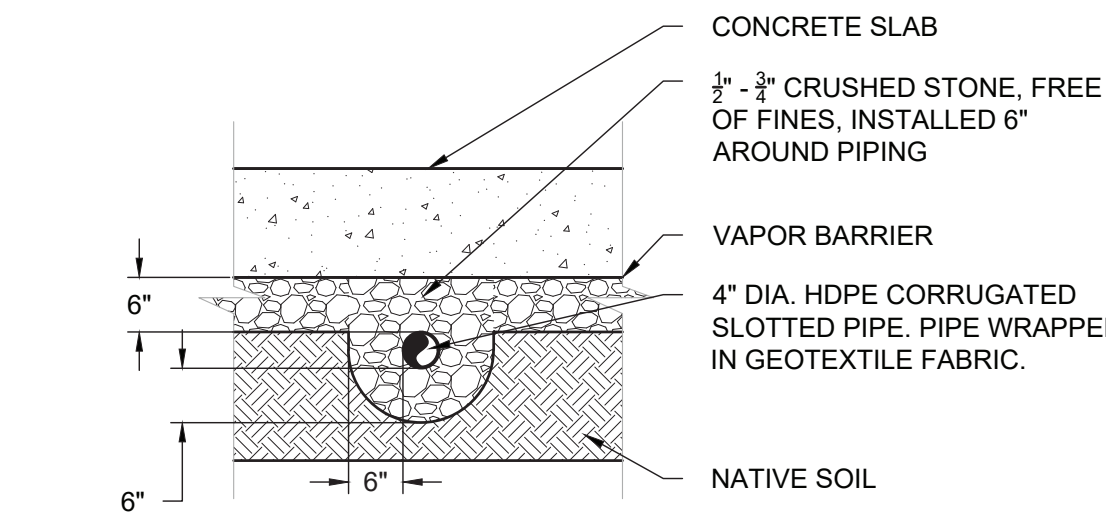
ZDG2101

Unauthorized alteration or addition  
to this drawing and related documents  
is a violation of Section 2209  
of the New York State Education Law

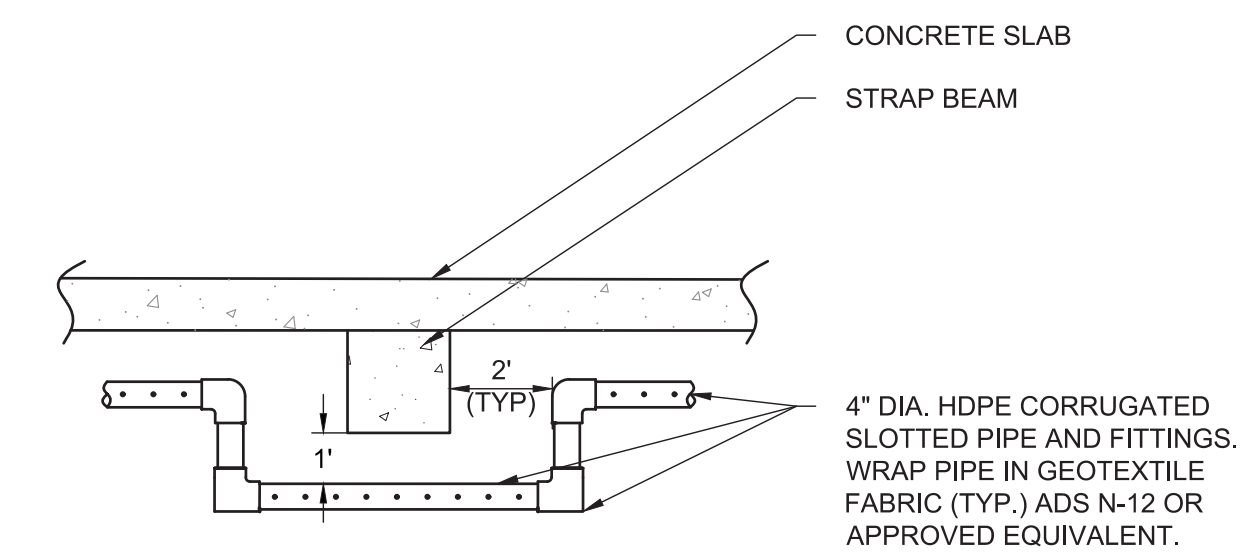




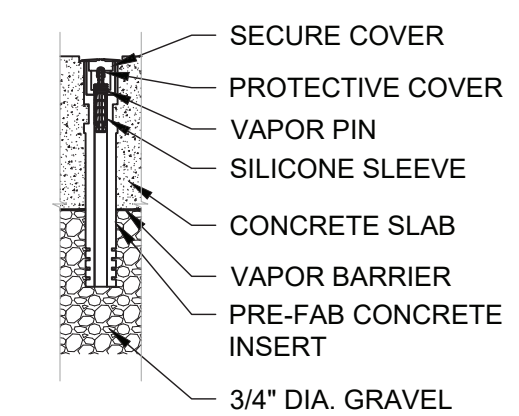
1 PERFORATED PIPE DETAIL  
N.T.S.



2 PERFORATED PIPE SECTION A  
N.T.S.

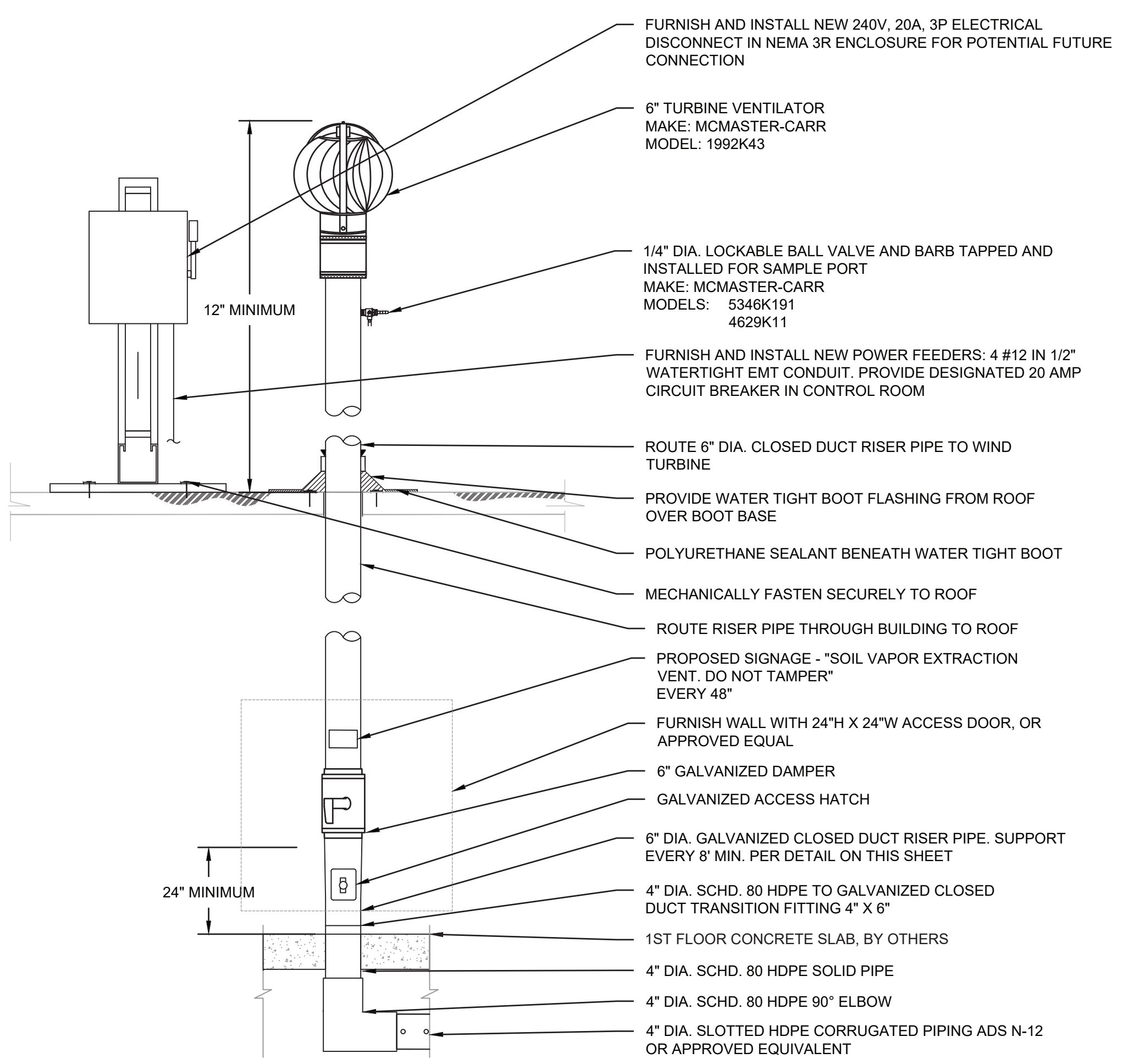


3 SSDS STRAP BEAM DETAIL  
SCALE: NOT TO SCALE

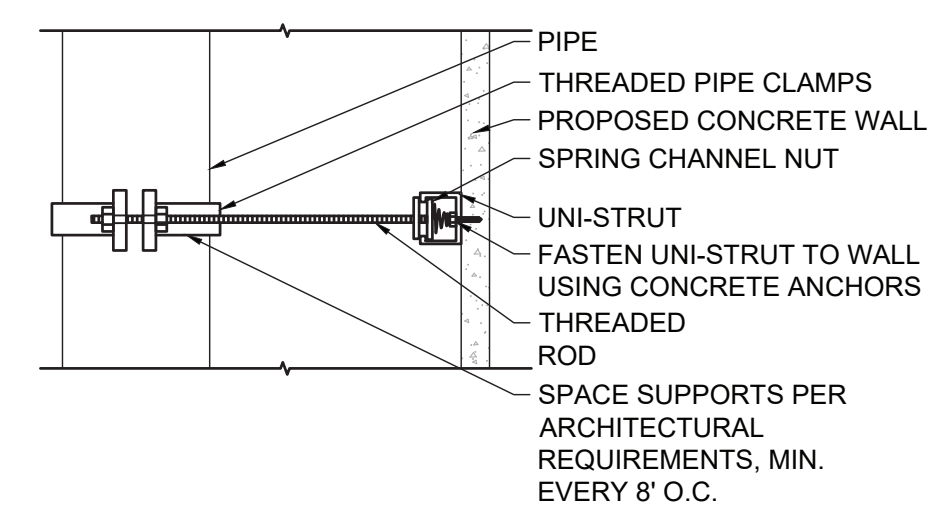


4 TYPICAL MONITORING POINT DETAIL  
SCALE: NOT TO SCALE

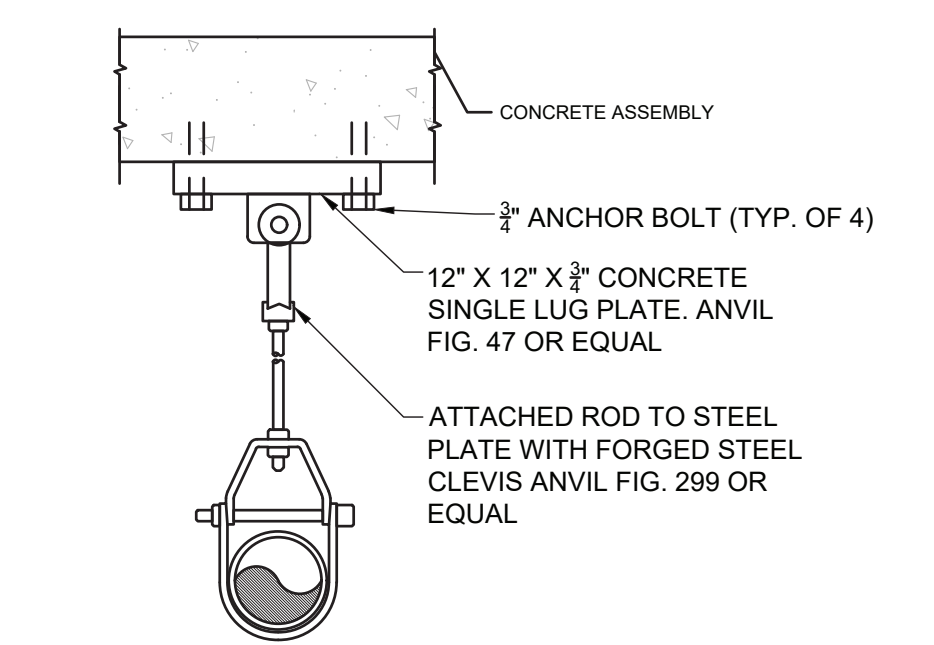
NOTES:  
1. BASIS OF DETAIL  
MAKE: VAPOR PIN ENTERPRISES, INC  
MODEL: VAPOR PIN  
2. INSTALL VAPOR VIN PER MANUFACTURER'S INSTRUCTIONS



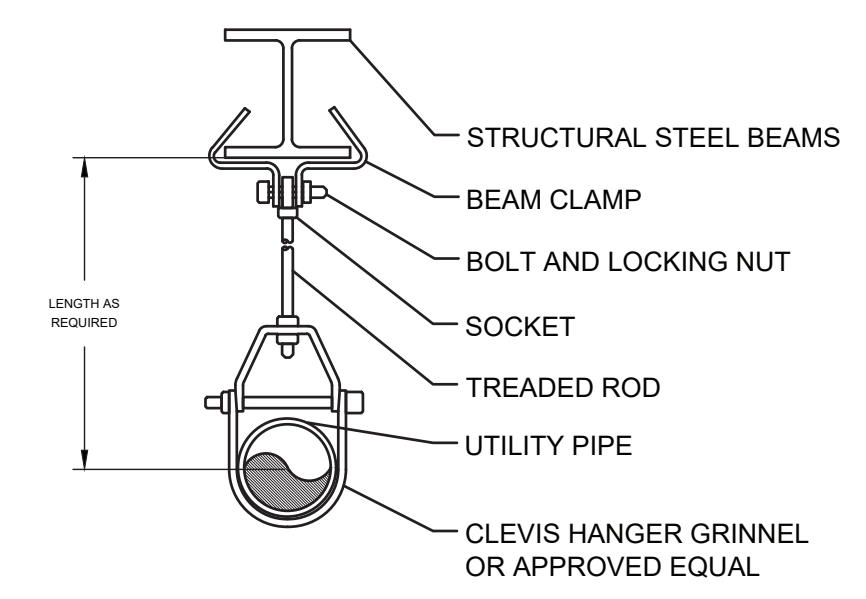
5 RISER DETAIL  
SCALE: NOT TO SCALE



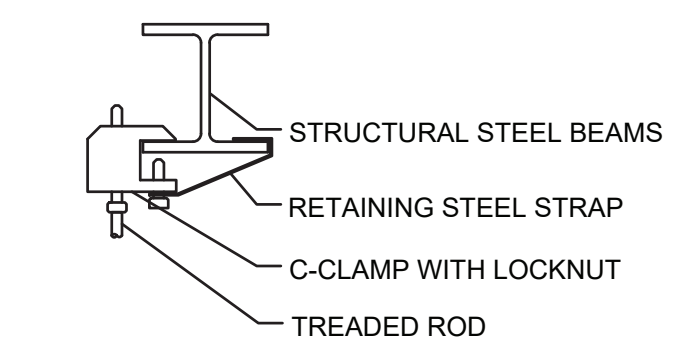
VERTICAL PIPE SUPPORT DETAIL



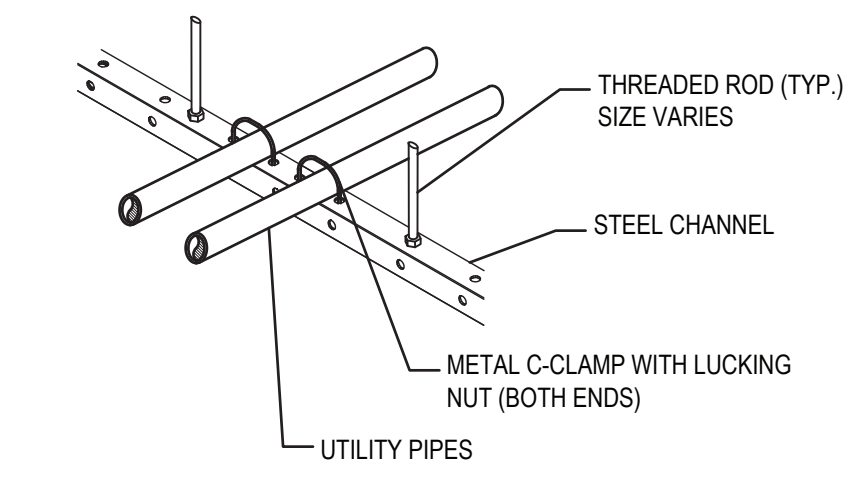
CONCRETE CEILING HANGER DETAIL



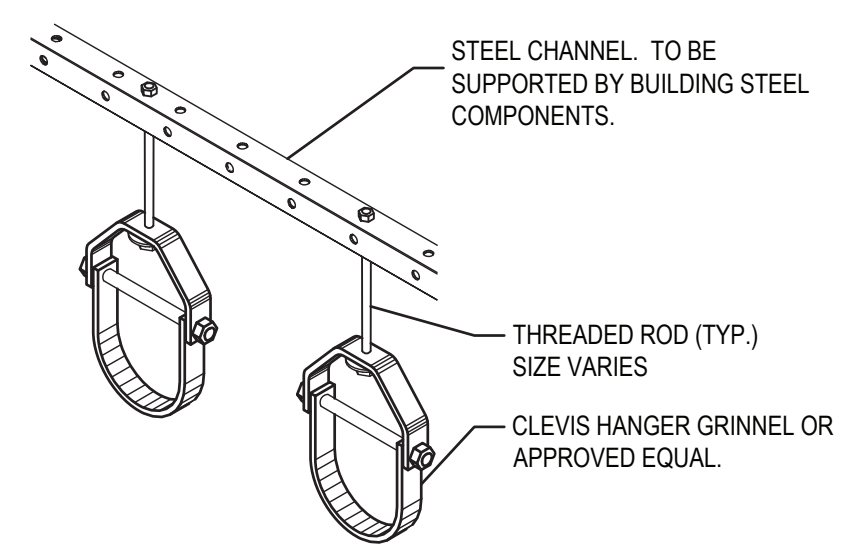
BEAM - HANGER DETAIL



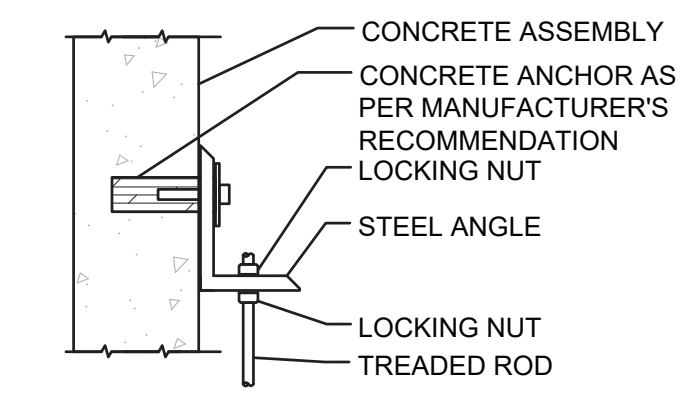
BEAM - HANGER DETAIL #2



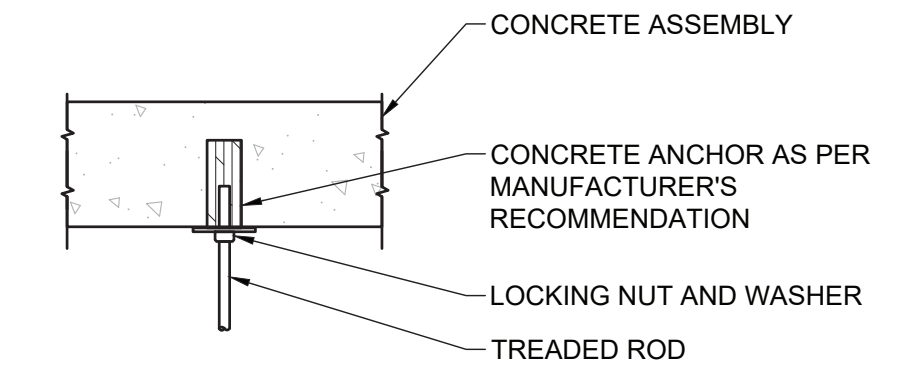
PIPE HANGER DETAIL



CEILING HANGER DETAIL



CONCRETE WALL HANGER DETAIL



CONCRETE CEILING HANGER DETAIL

6 TYPICAL PIPE SUPPORT DETAILS  
SCALE: NOT TO SCALE

  
**PWGC**  
CLIENT DRIVEN SOLUTIONS  
P.W. GROSSER CONSULTING INC.

630 Johnson Avenue, Suite 7  
Bohemia, NY 11716-2618  
Phone: (631) 589-6353 Fax: (631) 589-8705  
E-mail: INFO@PWGROSSER.COM

CONSULTANTS


7		
6		
5		
4		
3		
2		
1	CONSTRUCTION DOCUMENTS	2022-06-06
Number	Revision Description	Revision Date
Designed By	WSH	Date Submitted
Drawn By	WSH	Date Created
Approved By	MS	Scale
Client	2840 ATLANTIC HOLDINGS, LLC 777 LAKE ZURICH ROAD, #195 BARRINGTON, ILLINOIS 60010	
Project	PASSIVE SSDS AND VAPOR BARRIER	
Project Address	2840 ATLANTIC AVENUE BROOKLYN, NY 11207	
County Tax Map Number		Contract Number
Regulatory Reference Number		
Title of Drawing		

**SSDS DETAILS**

Drawing Number: **EN-101**

Sheet **2** of **2**

PWGC Project Number: **ZDG2101**

  
MICHAEL SCANDOR  
LICENSED PROFESSIONAL ENGINEER  
103321

Unauthorized alteration or addition to this drawing and related documents is a violation of Section 2209 of the New York State Education Law.