



DAY ENGINEERING, P.C.

ENVIRONMENTAL ENGINEERING CONSULTANTS
AN AFFILIATE OF DAY ENVIRONMENTAL, INC.

September 30, 2019

Mr. Timothy Schneider, P.E.
NYSDEC Project Manager
6274 East Avon-Lima Rd
Avon, NY 14414

RE: Former Parkway Cleaners
NYSDEC Site #: C835028
47 Eastern Boulevard
Canandaigua, New York

Dear Mr. Schneider:

Attached is Addendum #1 to the Interim Remedial Measures Work Plan for Mitigation of Potential Soil Vapor Intrusion dated February 2019 (Work Plan) for 47 Eastern Boulevard, 51 Eastern Boulevard, and 57 Eastern Boulevard, Canandaigua, New York (Site), prepared by Day Engineering, P.C. (DAY). The sub-slab depressurization system (SSDS) site plans, details, sections and notes comprising Addendum #1 have been prepared to notify the New York State Department of Environmental Conservation (NYSDEC) of proposed infrastructure, controls and testing locations associated with the installation and evaluation of the Site specific SSDS. A revised project schedule for the installation and evaluation of the SSDS is also included in Addendum #1.

Subsequent to NYSDEC approval, Addendum #1 will be attached to the NYSDEC-approved Work Plan in the document repository.

If there are any questions, please do not hesitate to call.

Very truly yours,
Day Engineering, P.C.

Nathan E. Simon, P.E.
Project Engineer

Raymond L. Kampff
Vice President

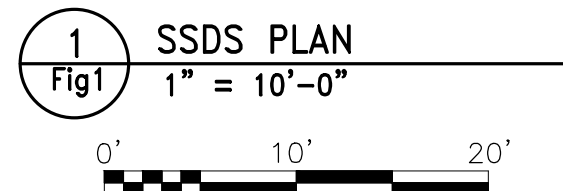
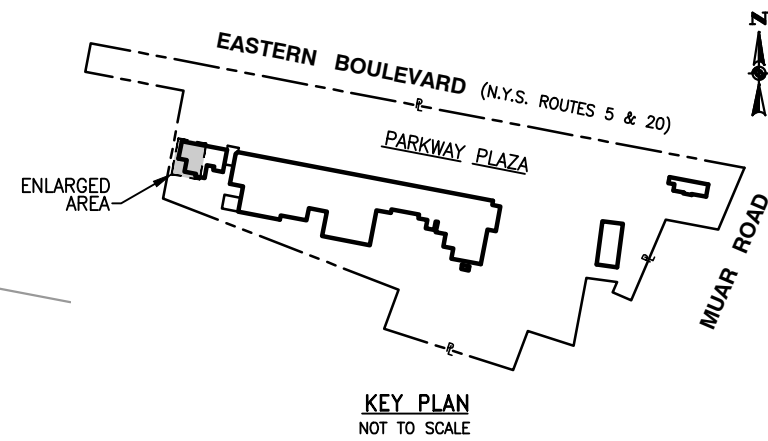
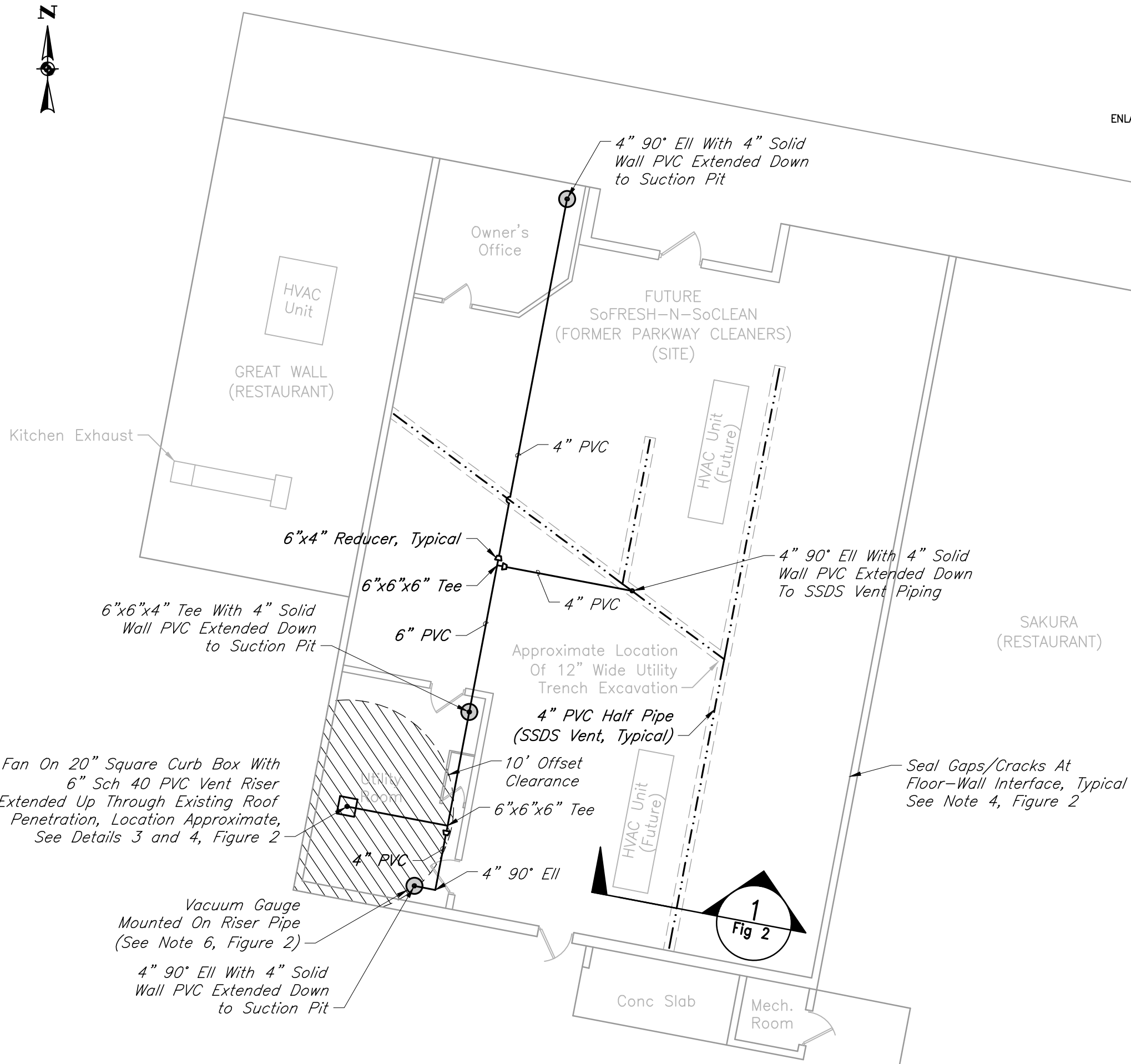
Nes1307

Addendum #1 to Interim Remedial Measures Work Plan for Mitigation of Potential Soil Vapor
Intrusion dated February 2019

Ref1:
Ref2:
Ref3:

Xerox432AnsiB-2; 11 x 17
Layout Name: SSDS Plan

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File Name: P:\Drawings\Park 5188R-15\SSDS\5188R-15 SSDS Plan.dwg



DESIGNED BY	DATE
BFK	8-2019
DRAWN BY	DATE DRAWN
RJM	9-4-2019
SCALE	DATE ISSUED
As Noted	9-4-2019

day
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ENVIRONMENTAL ENGINEERING CONSULTANTS
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NEW YORK, NEW YORK 10170

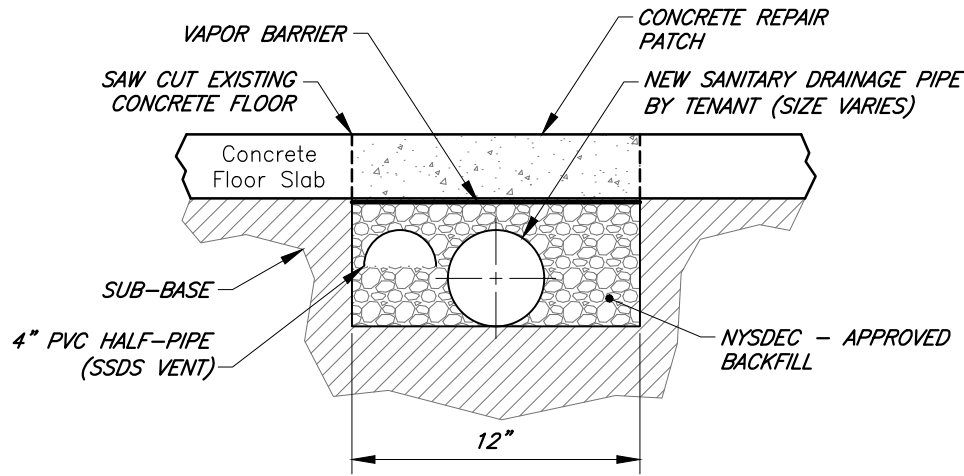
PROJECT TITLE	DRAWING TITLE
FORMER PARKWAY CLEANERS BCP SITE C835028 CANANDAIGUA, NEW YORK	SSDS: PLAN

PROJECT NO.
5188R-15

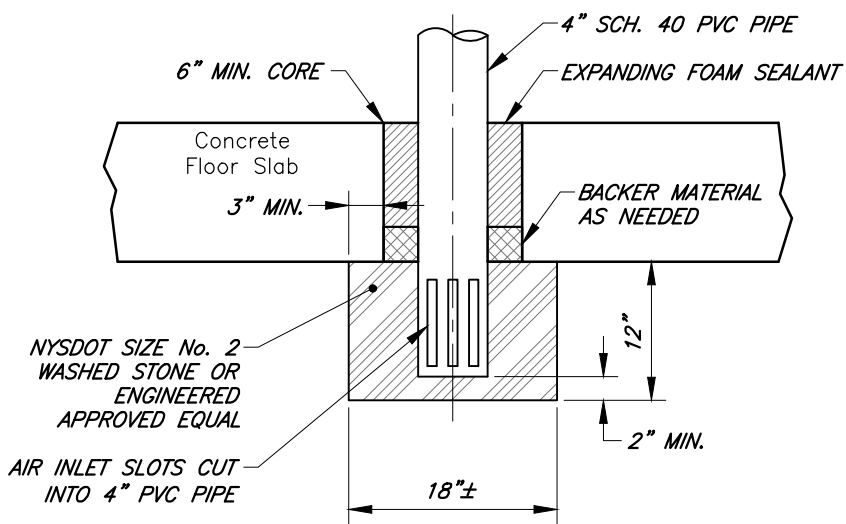
FIGURE 1

Ref1: Xerox432AnsiB-2: 11 x 17
Ref2: Layout Name: SSDS Plan
Ref3:

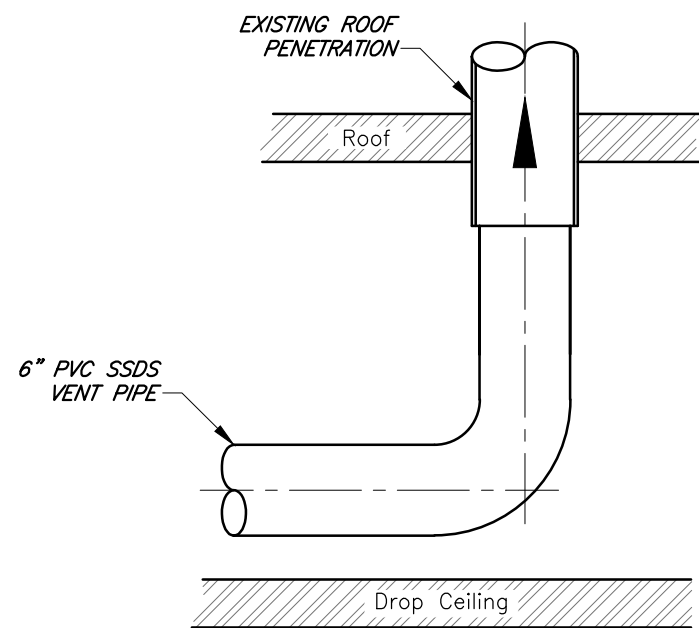
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1
Fig 2
TYPICAL SECTION TRENCH CUT (EXISTING SLAB)
Not To Scale



2
Fig 2
TYPICAL SECTION SUCTION PIT
Not To Scale



3
Fig 2
DETAIL 6" SSDS VENT PIPING CONNECTION
Not To Scale

Notes:

1. Below Slab Pipe: 4" PVC SDR-35 rubber gasketed pipe.
2. Above Slab Pipe and Fittings: 4" & 6" Solid wall PVC schedule 40 pipe. Solvent weld all pipe joints. Secure pipe to walls, and hang above suspended ceiling with pipe hangers. Insulate all vertical pipe in unheated spaces.
3. Vapor Barrier: minimum thickness 6 mil reinforced polyethylene sheeting.
4. Clean and seal floor interfaces, joints, slab penetrations, and any cracks in concrete with urethane flexible caulk or engineer-approved equal.
5. The following signage shall be posted on aboveground piping:

COMPONENT OF SUB-SLAB VENTILATION SYSTEM
DO NOT ALTER OR DISCONNECT

6. Sub-Slab Ventilation System to be installed as an active system, and shall include the following:

SSDS Fan: Fantech Model REC 10XL; 115V, 400W, Design Operating Point – minimum 100 CFM @ 3.7 inch W.G., with speed control of same manufacturer. Fan exhaust must be located at least 12-inches above the surface of the roof, and at least 10-feet away from nearest building opening or air intake.

Alarm: Vacuum monitored using Radonaway Checkpoint IIa, model 28001-2 monitoring system such that alarm will sound if vacuum is not maintained. Coordinate office/utility room installation location with owner.

Vacuum Gauge: 0 to 4 inches water column, Dwyer Model 2004.

Fan and alarm wiring to be in accordance with applicable National Electric Code Standards, and local and state building codes.

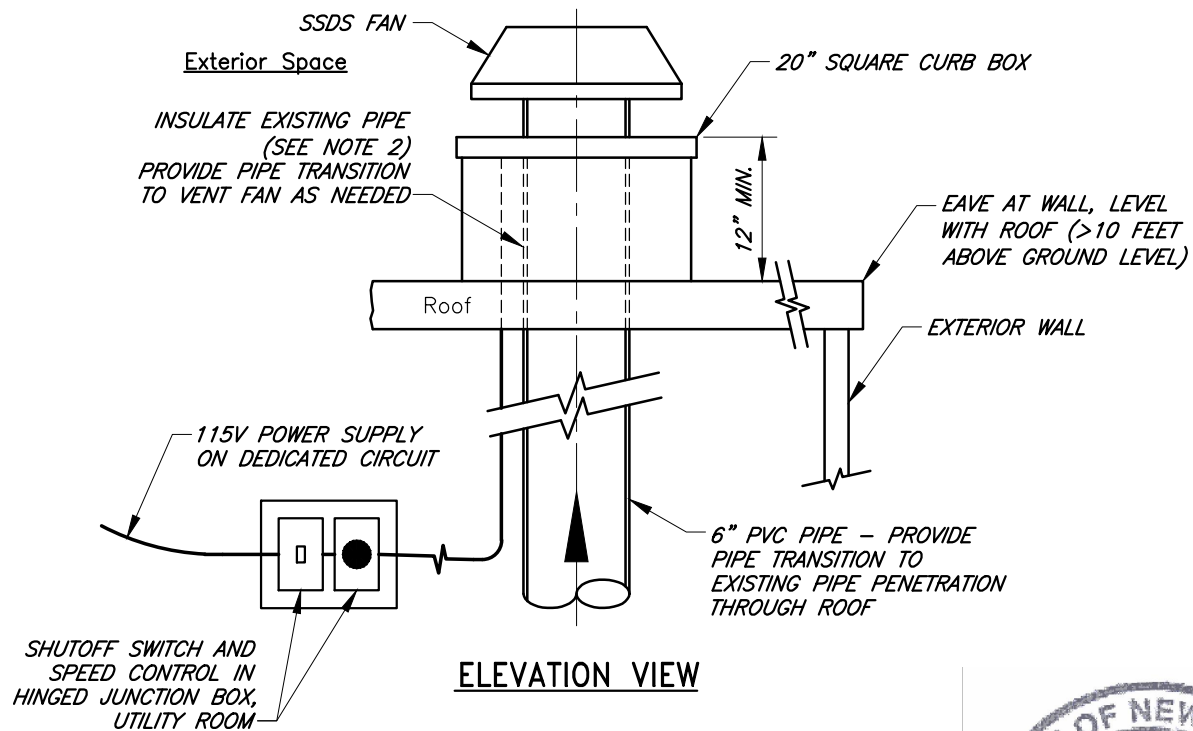
PVC material, installation, and inspection shall comply with the current edition of the Uniform Plumbing Code published by the International Association of Plumbing and Mechanical Officials.

The following signage shall be posted at or inside the fan shutoff switch panel, disconnect and/or circuit breaker:

SUB-SLAB DEPRESSURIZATION SYSTEM
DO NOT SHUTOFF OR ALTER

The following signage shall be posted at the monitoring system alarm location:

SUB-SLAB DEPRESSURIZATION MONITORING SYSTEM



4
Fig 2
TYPICAL SSDS FAN MOUNTING DETAIL
Not To Scale

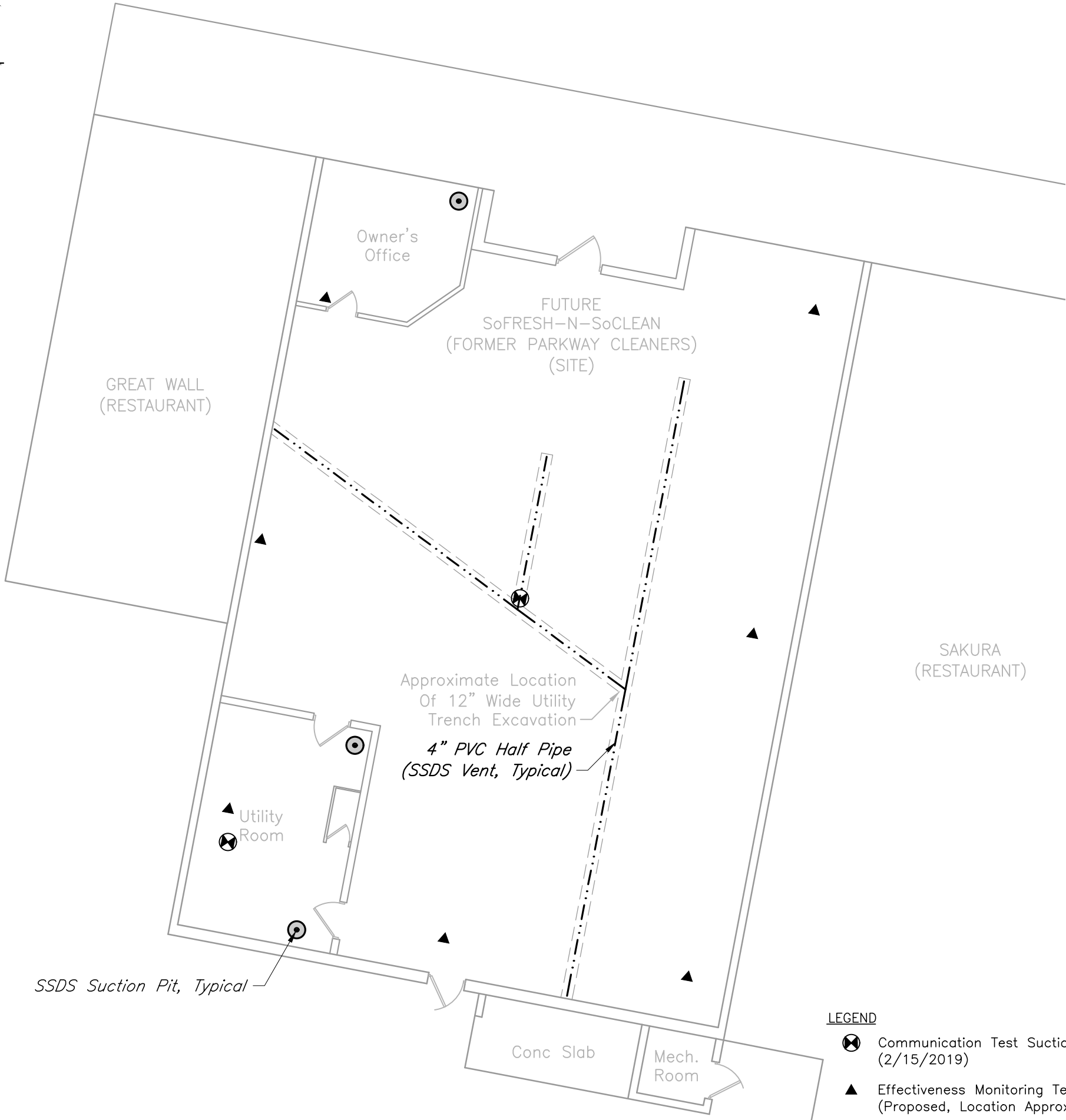


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BFK	8-2019
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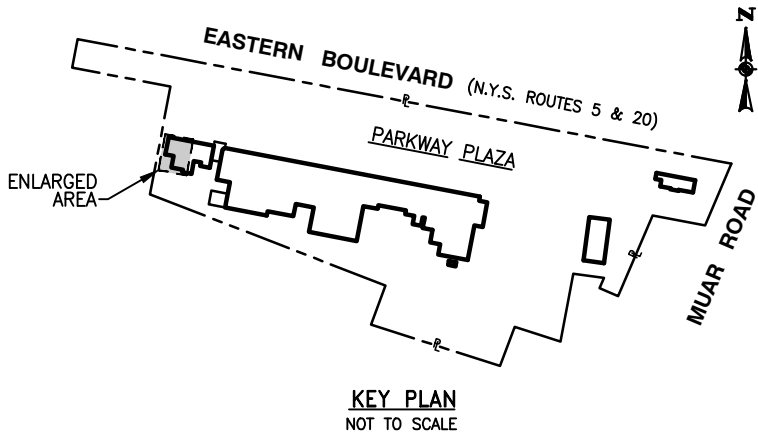
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PROJECT TITLE	DRAWING TITLE
FORMER PARKWAY CLEANERS BCP SITE C835028 CANANDAIGUA, NEW YORK	SSDS: DETAILS, SECTIONS & NOTES

PROJECT NO.	FIGURE 2
5188R-15	



- LEGEND**
- Communication Test Suction Point (2/15/2019)
 - Effectiveness Monitoring Test Point (Proposed, Location Approximate)



Communication Test #1

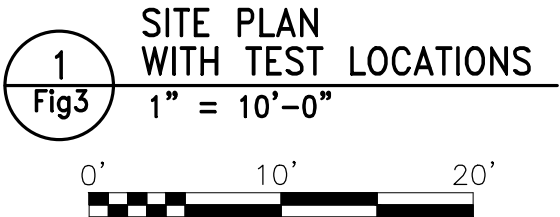
1,000 FPM Exhaust

Test Location	Sub-Slab Vacuum (in. w.g.)
4.5" E	- 0.595
6" N	-0.517
3' W	-0.206
10' N	-0.030
16' E	0
20' S	-0.010
30' S	0

Communication Test #2

6,000 FPM Exhaust

Test Location	Sub-Slab Vacuum (in. w.g.)
4.5" W	-3.033
6" S	-1.64
6' E	-0.112
9' SE	-0.009
13' N	-0.004
22' E-NE	-0.015



DESIGNED BY
BFK


DATE
8-2019

DRAWN BY
RJM/Tw

DATE DRAWN
9-5-2019

SCALE
As Noted

DATE ISSUED
9-26-2019

**DAY ENGINEERING, P.C.**
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NEW YORK, NEW YORK 10170

PROJECT TITLE
**FORMER PARKWAY CLEANERS
BCP SITE C835028
CANANDAIGUA, NEW YORK**

DRAWING TITLE
SITE PLAN WITH TEST LOCATIONS

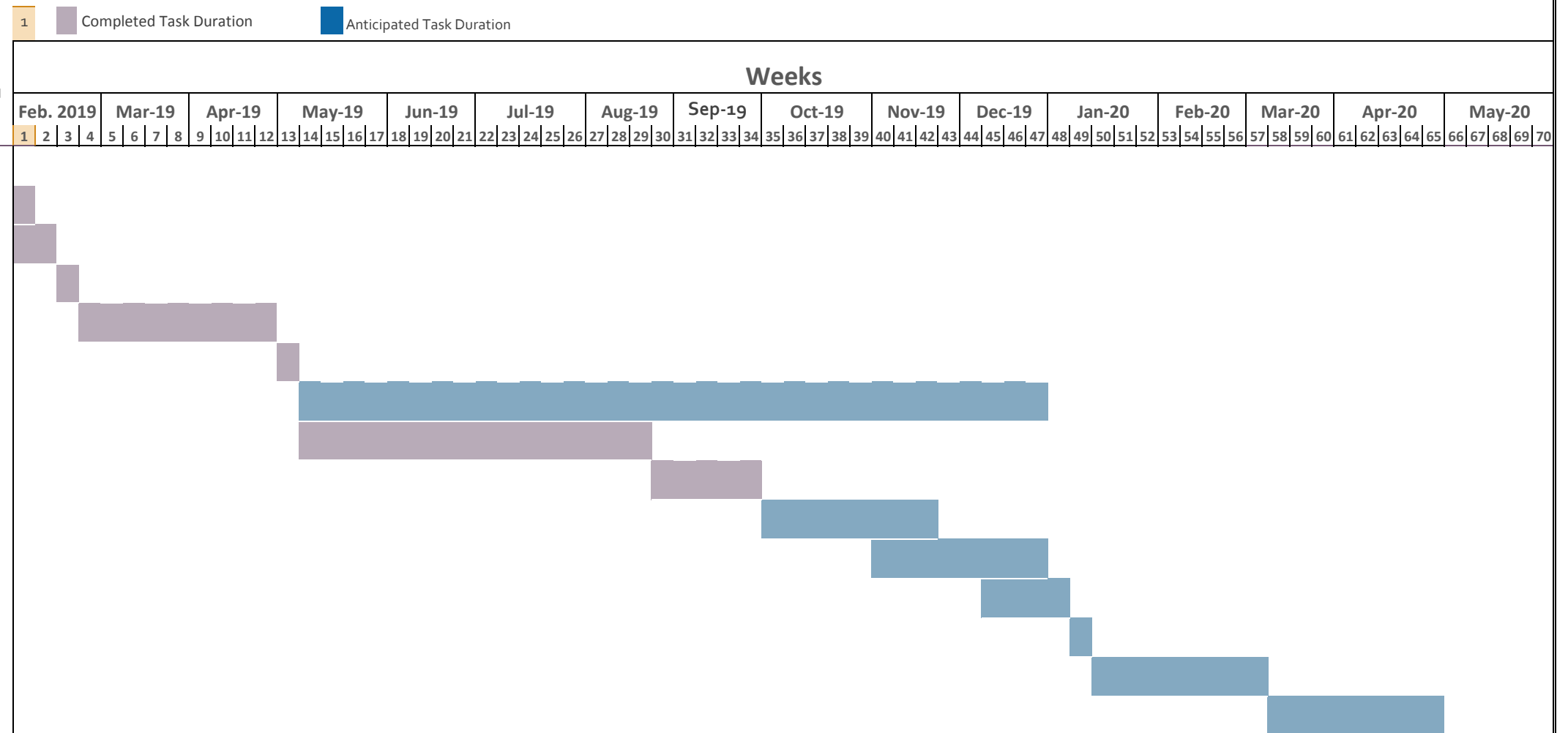
PROJECT NO.
5188R-15

FIGURE 3

Table 2
Former Parkway Cleaners
Parkway Plaza
Canandaigua, New York
BCP Site #C835028

Project Schedule - IRM SVI WP

Updated September 30, 2019



Notes/Assumptions

- 1 - Significant repairs to concrete floor or sealing of utilities is not necessary
- 2 - Vacuum field evaluation limited to the former parkway cleaners space
- 3 - Work under the NYSDEC approved IRM Work Plan was suspended on February 20, 2019 until asbestos sampling and abatement completed.
- 4- Work under the NYSDEC approved IRM Work Plan was re-instated on April 25, 2019
- 5 - Includes NYSDEC/NYSDOH Review Time
- 6 - Contractor Availability is immediate
- 7 - Includes a 30-day operational period in accordance with NYSDOH Guidance Document
- 8- Assumes all SVI samples are collected concurrently and in a single event