

CONTRACT DRAWINGS

HARRISON PLACE VAPOR INTRUSION MITIGATION

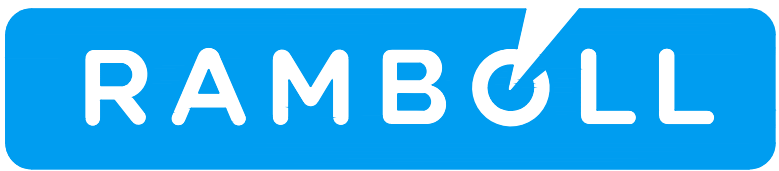


VICINITY MAP
NOT TO SCALE



210 WALNUT STREET
LOCKPORT, NY

OCTOBER 2023



CERTIFICATE OF AUTHORIZATION: 17993
RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC.

DRAWING INDEX

G-000	COVER SHEET
G-001	GENERAL NOTES AND LEGEND
C-101	BUILDING 1A PLAN
C-102	BUILDING 1 ENTRANCE PLAN
C-103	BUILDING 1 BASEMENT PLAN
C-104	BUILDING 2 PLAN
C-105	BUILDING 4 PLAN
C-106	COMMUNICATION TEST RESULTS
C-501	DETAILS
C-502	DETAILS
E-001	GENERAL NOTES SYMBOLS AND ABBREVIATIONS
E-101	BUILDING 1A - FIRST FLOOR PLAN
E-102	BUILDING 1 - FIRST FLOOR PLAN
E-103	BUILDING 1 - SECOND FLOOR PLAN
E-104	BUILDING 2 - FIRST FLOOR PLAN
E-105	BUILDING 4 - FIRST FLOOR PLAN

IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER TO ALTER THIS DOCUMENT.

LEGEND:

- SYSTEM SUCTION POINT (SSP)
- TEST POINT
- ELECTRIC PANEL
- COLUMN
- FAN
- CRAWL SPACE
- RAIL TRACKS
- SOLID PVC PIPE

GENERAL NOTES:

1. DIMENSIONS AND INSTALLATION LOCATIONS SHOWN ON CONTRACT DRAWINGS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY CONTRACTOR.
2. CONTRACTOR SHALL GROUT AND/OR SEAL ALL VISIBLE CRACKS AND OPENINGS IN BELOW GRADE FLOORS OR WALLS THAT WOULD IMPAIR SYSTEM PERFORMANCE.
3. CONTRACTOR SHALL VERIFY LOCATION OF ALL FLOOR DRAINS. IF FLOOR DRAINS ARE NOT CONNECTED TO A SEWER, THE ENGINEER SHALL BE NOTIFIED AND DRAIN VALVES (E.G. DRANJER DRAIN VALVE) SHALL BE INSTALLED.
4. ELECTRICAL CONTRACTOR SHALL VERIFY ELECTRICAL TIE-IN LOCATION. ALL FAN BREAKERS SHALL BE LABELED AS "SSDS FAN NO. __" ON THE PANEL.
5. ALL WORK SHALL BE IN GENERAL CONFORMANCE WITH THE NEW YORK STATE DEPARTMENT OF HEALTH (NYSDOH) GUIDANCE FOR EVALUATING SOIL VAPOR INTRUSION IN NEW YORK STATE (OCTOBER 2006) AND IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS.
6. ALL COMPONENTS OF THE SUBSLAB DEPRESSURIZATION SYSTEM ABOVE THE FLOOR SLAB SHALL BE LABELED AT 25-FOOT INTERVALS WITH THE FOLLOWING MESSAGE "THIS IS A COMPONENT OF A SUBSLAB DEPRESSURIZATION SYSTEM. DO NOT ALTER OR DISCONNECT." PROVIDE THIS LABEL ON ALL VERTICAL SYSTEM SUCTION POINT RISERS AT AN ELEVATION OF APPROXIMATELY 3 TO 5 FEET ABOVE FINISHED FLOOR.
7. CONTRACTOR SHALL AFFIX A LABEL ON ALL VERTICAL SYSTEM SUCTION POINT RISERS AT AN ELEVATION OF APPROXIMATELY 3 TO 5 FEET ABOVE FINISHED FLOOR IDENTIFYING THE DATE OF INSTALLATION AND A BLANK LINE FOR THE ENGINEER TO PROVIDE A PHONE NUMBER IN CASE OF EMERGENCY.
8. SHOULD GROUNDWATER BE ENCOUNTERED DURING CONSTRUCTION, CONTRACTOR SHALL CONTAINERIZE WATER GENERATED OR ENCOUNTERED IN DOT APPROVED DRUMS. DRUMS SHALL BE STORED ONSITE IN A LOCATION APPROVED BY THE OWNER AND ENGINEER.
9. CONTRACTOR SHALL CONTAINERIZE ALL CONCRETE, SOIL, AND AGGREGATE SPOILS IN DOT-APPROVED DRUMS. DRUMS SHALL BE STORED ONSITE IN A LOCATION APPROVED BY THE OWNER AND ENGINEER.
10. A LIMITED HAZARDOUS BUILDING MATERIALS SURVEY HAS BEEN PERFORMED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL BUILDING MATERIAL SAMPLING IN ACCORDANCE WITH NEW YORK STATE DEPARTMENT OF LABOR (NYSDOL) CODE RULE 56 AND OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REQUIREMENTS, THE CONTRACTOR'S OWN HEALTH AND SAFETY PLAN, AND PER SITE-SPECIFIC SAFETY REQUIREMENTS.
11. PIPE ALIGNMENT SHALL BE FIELD VERIFIED FOR UTILITY CONFLICTS AND FIELD ROUTED AROUND EXISTING UTILITIES. SHOULD PVC PIPE CONTAIN A BELLY, TO MINIMIZE CONDENSATE ACCUMULATION INSIDE PIPE THE BELLY SHALL BE CONNECTED TO AN EXISTING OR NEW SYSTEM SUCTION POINT.
12. PIPE SUPPORTS SHALL NOT BE AFFIXED TO DECAYED OR DAMAGED CONCRETE. IF DAMAGED OR DECAYED CONCRETE IS OBSERVED, ENGINEER SHALL BE CONSULTED PRIOR TO INSTALLATION OF PIPE SUPPORTS.
13. EXTERIOR PIPES AND FANS SHALL NOT INTERFERE WITH EXISTING WINDOWS, DOORS, AND OPENINGS AND SHALL BE AFFIXED TO COLUMNS WHERE POSSIBLE AS DETERMINED BY THE CONTRACTOR AND PROPERTY OWNERS REPRESENTATIVE.
14. EXTERIOR FANS AND PIPING SHALL BE PAINTED TO MATCH EXTERIOR PAINT. PAINT COLOR TO BE CONFIRMED BY PROPERTY OWNERS REPRESENTATIVE.
15. INTERIOR WALL PENETRATIONS SHOULD BE REPAIRED AND PAINTED TO MATCH EXISTING CONDITIONS. UNFINISHED OR DAMAGED DRY WALL RESULTING FROM THIS WORK SHALL NOT REMAIN.
16. SHOULD ANY WORK BE PERFORMED FROM THE ROOF, ALL EXISTING ROOFING SHALL BE PROTECTED AND ANY DAMAGE SHALL BE REPAIRED IN KIND.
17. ALL EXISTING AND PROPOSED UTILITIES SHOWN ON THESE DRAWINGS ARE CONSIDERED APPROXIMATE AND SHALL BE FIELD VERIFIED. CONTRACTOR SHALL CONFIRM UTILITY LOCATIONS PRIOR TO CONSTRUCTION.

PROJECT ROLES :

1. CONTRACTOR - NYSDEC SELECTED CONTRACTOR
2. PROPERTY OWNER'S REPRESENTATIVE - FACILITIES PROPERTY MANAGER
3. RESPONSIBLE PARTY - NYSDEC
4. ENGINEER - RAMBOLL AMERICAS ENGINEER SOLUTIONS INC.

PRELIMINARY

NOT FOR

CONSTRUCTION

DATE: OCTOBER 2023

P.E. REGISTRATION
EXPIRES 04/20/2024

IT IS A VIOLATION OF LAW FOR ANY PERSON,
UNLESS ACTING UNDER THE DIRECTION OF A
LICENSED ENGINEER, TO ALTER THIS DOCUMENT.

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED
WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR TO DETERMINE THE ACTUAL SIZE.
DRAWING IS NOT SCALABLE IF NO SCALE BAR IS PRESENT.



A	10/26/2023	ISSUED FOR CLIENT REVIEW	BAK
NO.	DATE	REVISION	INT.

DESIGNER / PROFESSIONAL ENGINEER RESPONSIBLE

B.KUBIAK

DESIGNED BY

M.MELLEN

CHECKED BY

J.CAVOTTA

DRAWN BY

M.MCCARTHY

PROJECT NO.

1940102945-002

DATE

OCTOBER 2023

CERTIFICATE OF AUTHORIZATION: 17993

RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC.

333 W. WASHINGTON ST. SYRACUSE, NY 13202

PROJECT

HARRISON PLACE VAPOR

INTRUSION MITIGATION

ADDRESS

210 WALNUT ST, LOCKPORT NY, 14094

SHEET DESCRIPTION

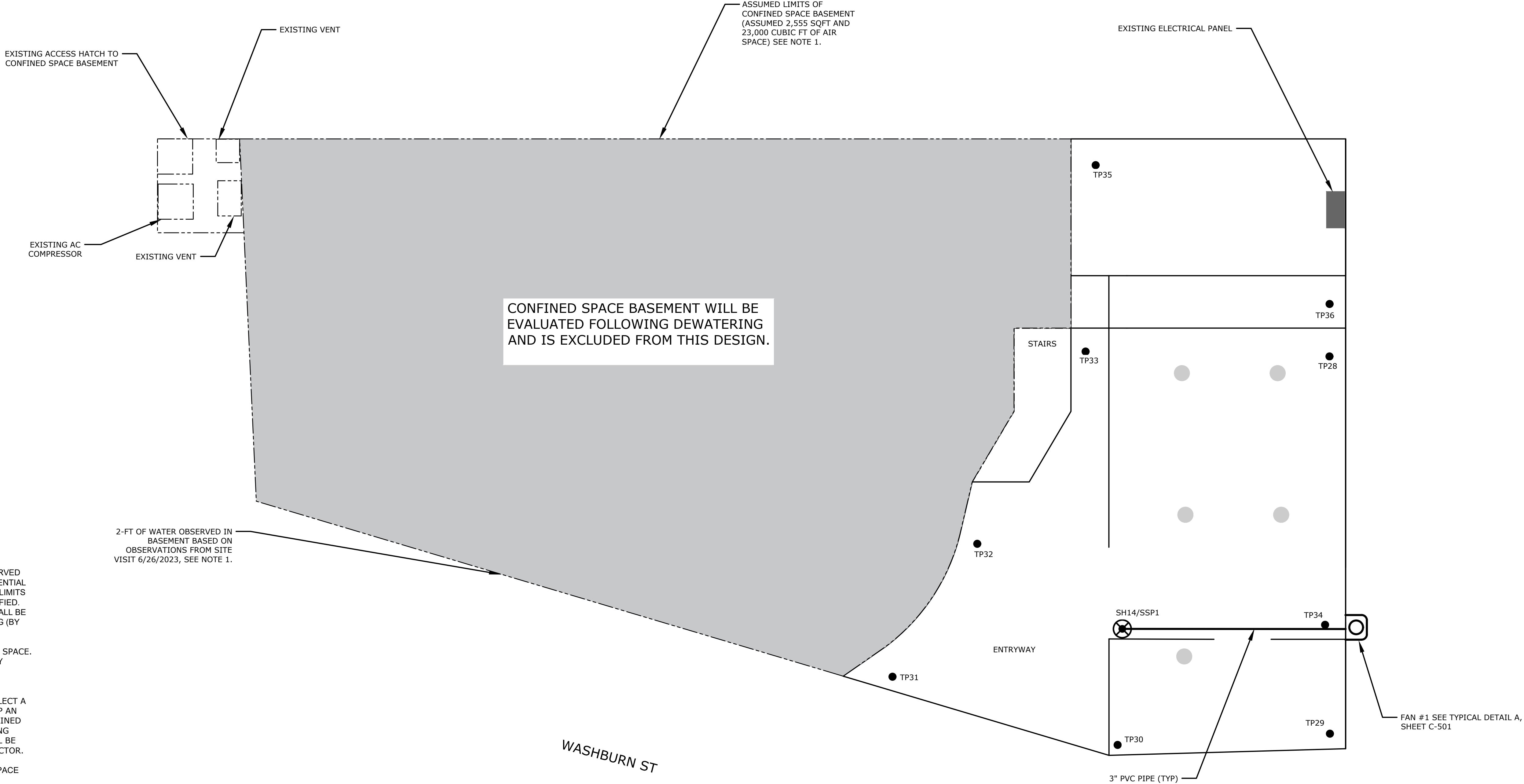
GENERAL NOTES AND LEGEND

DRAWING LOCATION

LOCKPORT, NY

G-001

\\RAMASHFILE\01\RAM_PROJECTS\NYS-DEC.1087815\1940102945.NYSDEC-HARRISON-PLAN-DWG\SHEETSC-101 HARRISON PLACE BUILDING 1A.DWG
P.E. REGISTRATION EXPIRES 04/20/2024
SAVED: 10/26/23 4:53 PM



DRAWING NOTES:

- DURING COMMUNICATION TESTING, THE CONFINED SPACE BASEMENT WAS OBSERVED TO CONTAIN STANDING WATER AND POTENTIAL ELECTRICAL HAZARDS, THEREFORE THE LIMITS OF THE BASEMENT HAVE NOT BEEN VERIFIED. THE FULL EXTENT OF THE BASEMENT SHALL BE FIELD VERIFIED FOLLOWING DEWATERING (BY THE DEC RESPONSE CONTRACTOR).
- PIPE TO BE CONTAINED WITHIN PLENUM SPACE. EXACT ALIGNMENT TO BE CONFIRMED BY CONTRACTOR.
- NYSDEC RESPONSE CONTRACTOR SHALL PERFORM CONFINED SPACE ENTRY, COLLECT A REPRESENTATIVE SAMPLE, AND DEVELOP AN ESTIMATE OF VOLUME OF WATER CONTAINED WITHIN THE BASEMENT. ALL DEWATERING EFFORTS DURING CONSTRUCTION SHALL BE PERFORMED BY DEC RESPONSE CONTRACTOR.
- WALL PENETRATION IN THE CONFINED SPACE BASEMENT TO BE REPAIRED TO MATCH EXISTING FIRE WALL.
- COMMUNICATION TEST SUCTION HOLES (SH) WERE USED DURING COMMUNICATIONS TESTING TO EVALUATE CONNECTIVITY BETWEEN TEST POINTS (TP) AND SH. SYSTEM SUCTION POINTS (SSP) WERE SELECTED AS DESIGN SUCTION POINTS BASED ON COMMUNICATION TEST RESULTS. SSP RESULTS ARE SUMMARIZED IN THE TABLE TITLED "COMMUNICATION TEST RESULTS" ON SHEET C-106.

PLAN VIEW



**PRELIMINARY
NOT FOR
CONSTRUCTION**
DATE: OCTOBER 2023

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DOCUMENT.

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR TO DETERMINE THE ACTUAL SIZE. DRAWING IS NOT SCALABLE IF NO SCALE BAR IS PRESENT.



**Department of
Environmental
Conservation**

CLIENT				DESIGNER / PROFESSIONAL ENGINEER RESPONSIBLE			
				B.KUBIAK			
				DESIGNED BY	PROJECT NO.		
				M.MELLEN	1940102945-002		
				CHECKED BY	DATE		
				J.CAVOTTA	OCTOBER 2023		
				DRAWN BY			
				M.MCCARTHY			
A	10/26/2023	ISSUED FOR CLIENT REVIEW	BAK				
NO.	DATE	REVISION	INT.				

CERTIFICATE OF AUTHORIZATION: 17993

RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC.
333 W. WASHINGTON ST. SYRACUSE, NY 13202



PROJECT

**HARRISON PLACE VAPOR
INTRUSION MITIGATION**

ADDRESS

210 WALNUT ST, LOCKPORT NY, 14094

SHEET DESCRIPTION

BUILDING 1A PLAN

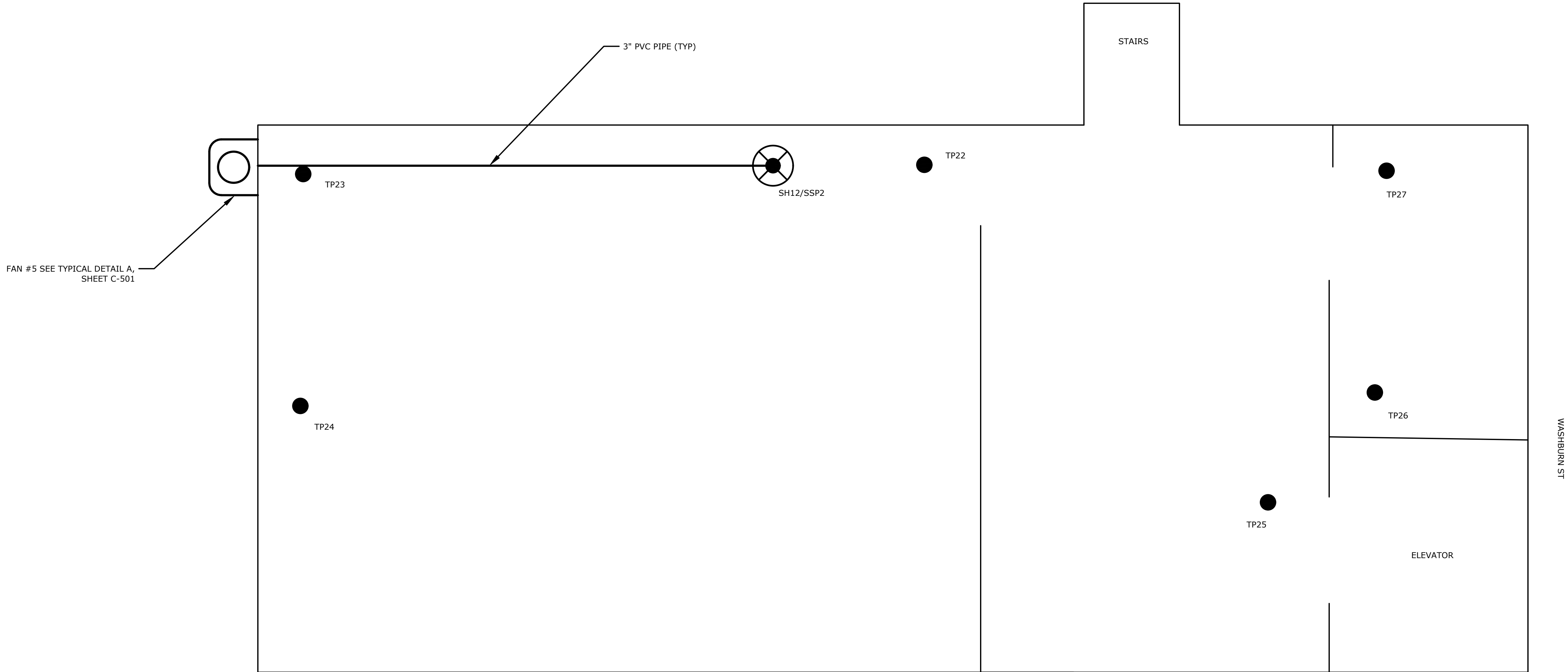
DRAWING LOCATION

LOCKPORT, NY

C-101

\\RAMASH\FILE\01\RAM_ PROJECTS\NYS-DEC-1087815\1940102945\NYSDEC-HARRISON-PLAN-IN-DD\WG\SheetSC-102 HARRISON PLACE BUILDING 1 ENTRANCE.DWG

SAVED: 10/26/23 4:53 PM



DRAWING NOTES:

1. COMMUNICATION TEST SUCTION HOLES (SH) WERE USED DURING COMMUNICATIONS TESTING TO EVALUATE CONNECTIVITY BETWEEN TEST POINTS (TP) AND SH. SYSTEM SUCTION POINTS (SSP) WERE SELECTED AS DESIGN SUCTION POINTS BASED ON COMMUNICATION TEST RESULTS. SSP RESULTS ARE SUMMARIZED IN THE TABLE TITLED "COMMUNICATION TEST RESULTS" ON SHEET C-106.

PLAN VIEW



PRELIMINARY
NOT FOR
CONSTRUCTION
DATE: OCTOBER 2023

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DOCUMENT.

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR TO DETERMINE THE ACTUAL SIZE. DRAWING IS NOT SCALABLE IF NO SCALE BAR IS PRESENT.



Department of
Environmental
Conservation

A	10/26/2023	ISSUED FOR CLIENT REVIEW	BAK		
NO.	DATE	REVISION	INT.		

DESIGNER / PROFESSIONAL ENGINEER RESPONSIBLE

B.KUBIAK

DESIGNED BY

M.MELLEN

CHECKED BY

J.CAVOTTA

DRAWN BY

M.MCCARTHY

PROJECT NO.

1940102945-002

DATE

OCTOBER 2023

CERTIFICATE OF AUTHORIZATION: 17993

RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC.

333 W. WASHINGTON ST., SYRACUSE, NY 13202



PROJECT

HARRISON PLACE VAPOR
INTRUSION MITIGATION

ADDRESS

210 WALNUT ST., LOCKPORT NY, 14094

SHEET DESCRIPTION

BUILDING 1 ENTRANCE PLAN

DRAWING LOCATION

LOCKPORT, NY

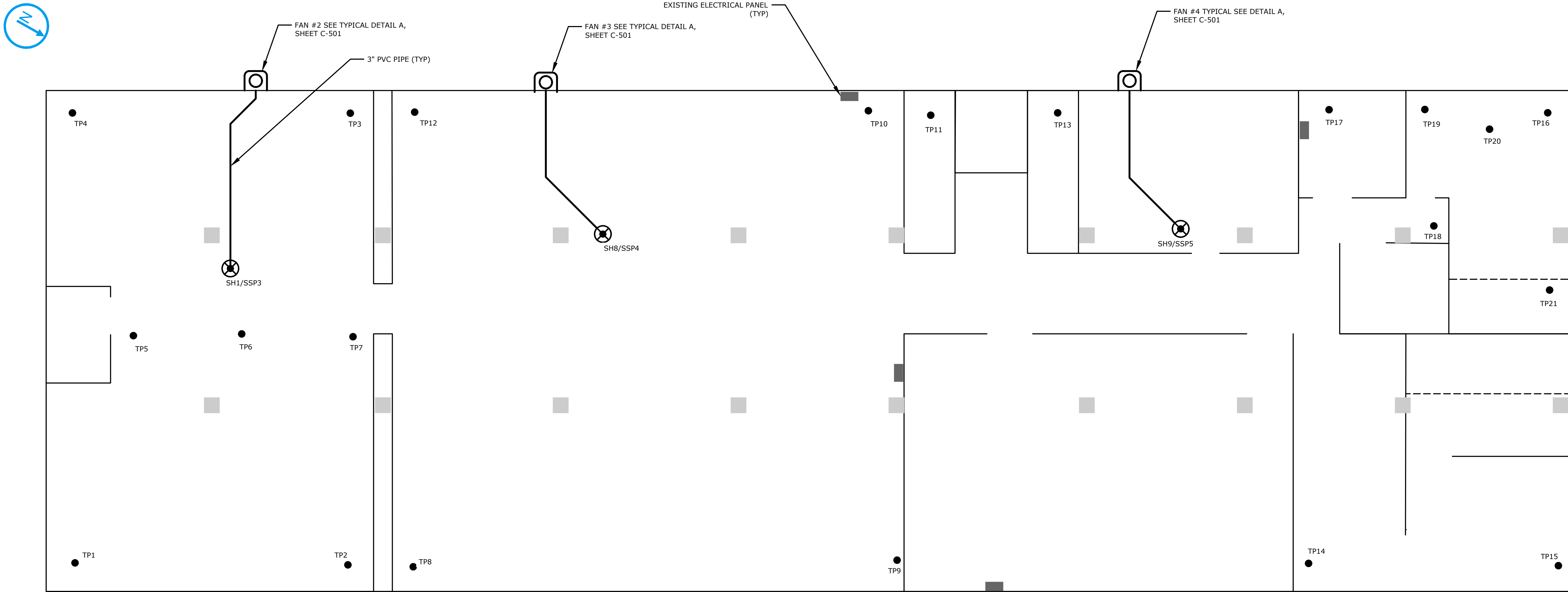
C-102

P.E. REGISTRATION
EXPIRES 04/20/2024

\\RAMASHFILE\01\RAM_ PROJECTS\NYS-DEC.10878151940102945.NYSDEC-HARRISON-PLACIN-DWG\SHSHEETSC-103 HARRISON PLACE BUILDING 1.DWG
P.E. REGISTRATION EXPIRES 04/20/2024
SAVED: 10/26/23 5:05 PM

DRAWING NOTES:

- WHERE APPLICABLE, WALL PENETRATION SHALL UTILIZE PLYWOOD WALLS, AND/OR WINDOWS.
- COMMUNICATION TEST SUCTION HOLES (SH) WERE USED DURING COMMUNICATIONS TESTING TO EVALUATE CONNECTIVITY BETWEEN TEST POINTS (TP) AND SH. SYSTEM SUCTION POINTS (SSP) WERE SELECTED AS DESIGN SUCTION POINTS BASED ON COMMUNICATION TEST RESULTS. SSP RESULTS ARE SUMMARIZED IN THE TABLE TITLED "COMMUNICATION TEST RESULTS" ON SHEET C-106.



PLAN VIEW



PRELIMINARY
NOT FOR
CONSTRUCTION
DATE: OCTOBER 2023

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DOCUMENT.

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR TO DETERMINE THE ACTUAL SIZE. DRAWING IS NOT SCALABLE IF NO SCALE BAR IS PRESENT.



Department of
Environmental
Conservation

A	10/26/2023	ISSUED FOR CLIENT REVIEW	BAK		
NO.	DATE	REVISION	INT.		

DESIGNER / PROFESSIONAL ENGINEER RESPONSIBLE
B.KUBIAK
DESIGNED BY
M.MELLEN
CHECKED BY
J.CAVOTTA
DRAWN BY
M.MCCARTHY

PROJECT NO.
1940102945-002
DATE
OCTOBER 2023

CERTIFICATE OF AUTHORIZATION: 17993
RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC.
333 W. WASHINGTON ST. SYRACUSE, NY 13202



PROJECT
HARRISON PLACE VAPOR
INTRUSION MITIGATION

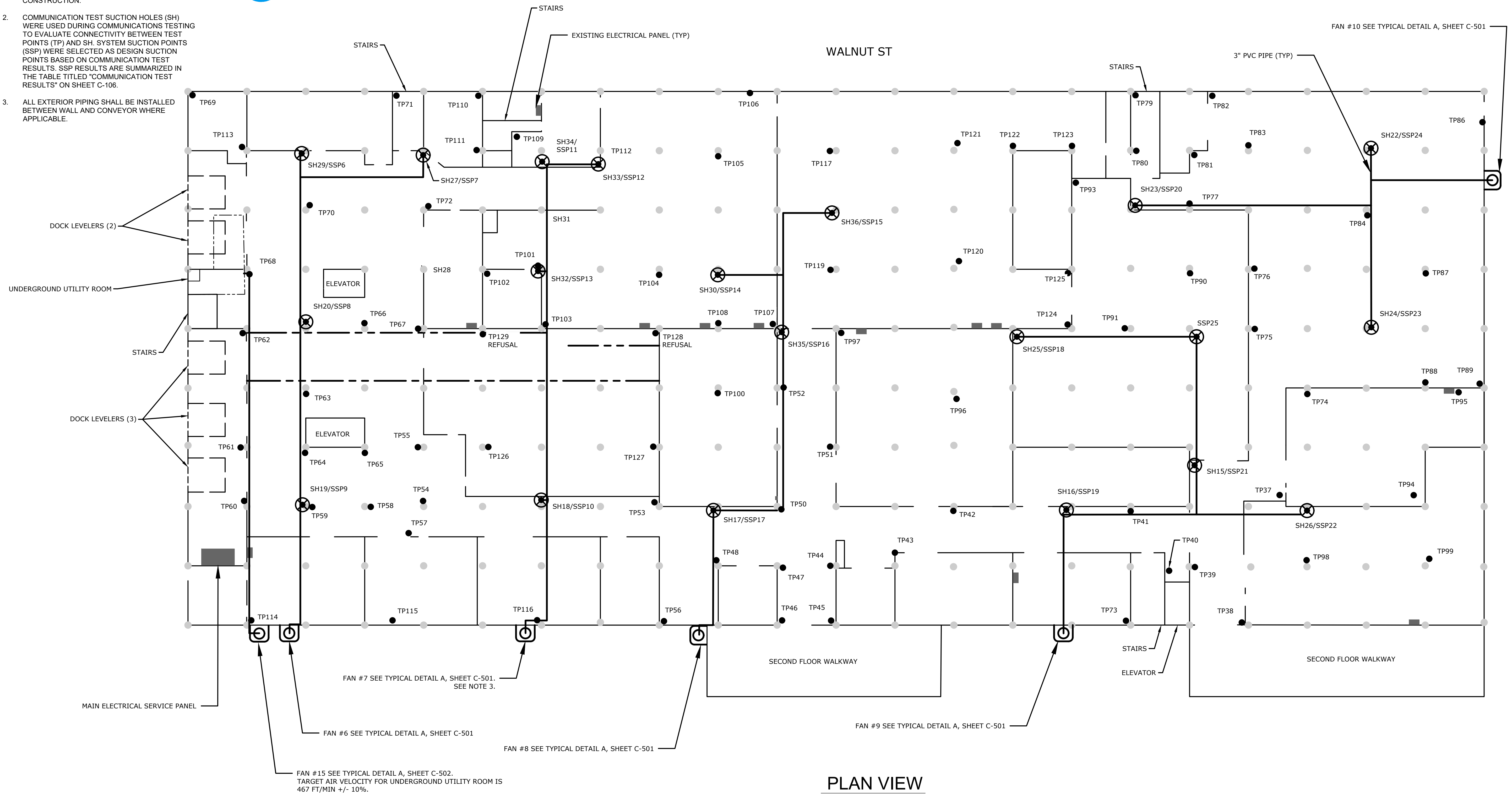
ADDRESS
210 WALNUT ST, LOCKPORT NY, 14094

SHEET DESCRIPTION
BUILDING 1 BASEMENT PLAN

DRAWING LOCATION
LOCKPORT, NY

C-103

1. DURING WORK NEAR ELECTRICAL BUS DUCTS, BUS DUCTS SHALL BE PROTECTED AND/OR DE-ENERGIZED. EXACT ALIGNMENT OF BUS DUCTS SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
2. COMMUNICATION TEST SUCTION HOLES (SH) WERE USED DURING COMMUNICATIONS TESTING TO EVALUATE CONNECTIVITY BETWEEN TEST POINTS (TP) AND SH. SYSTEM SUCTION POINTS (SSP) WERE SELECTED AS DESIGN SUCTION POINTS BASED ON COMMUNICATION TEST RESULTS. SSP RESULTS ARE SUMMARIZED IN THE TABLE TITLED "COMMUNICATION TEST RESULTS" ON SHEET C-106.
3. ALL EXTERIOR PIPING SHALL BE INSTALLED BETWEEN WALL AND CONVEYOR WHERE APPLICABLE.



15 0 1

SCALE: 1"=15'

PRELIMINARY
NOT FOR
CONSTRUCTION

P.E. REGISTRATION
EXPIRES 04/20/2024

IT IS A VIOLATION OF LAW FOR ANY PERSON,
UNLESS ACTING UNDER THE DIRECTION OF A
LICENSED ENGINEER, TO ALTER THIS DOCUMENT.

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR TO DETERMINE THE ACTUAL SIZE. DRAWING IS NOT SCALABLE IF NO SCALE BAR IS PRESENT.

[illegible]

DESIGNER / PROFESSIONAL ENGINEER RESPONSIBLE

DESIGNED BY M.MELLEN	PROJECT NO. 1940102945-002
CHECKED BY J.CAVOTTA	DATE OCTOBER 2023
DRAWN BY M.MCCARTHY	

CERTIFICATE OF AUTHORIZATION: 17993

RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC.
333 W. WASHINGTON ST. SYRACUSE, NY 13202



PROJECT

HARRISON PLACE VAPOR INTRUSION MITIGATION

ADDRESS
210 WALNUT ST, LOCKPORT NY, 14094

SHEET DESCRIPTION

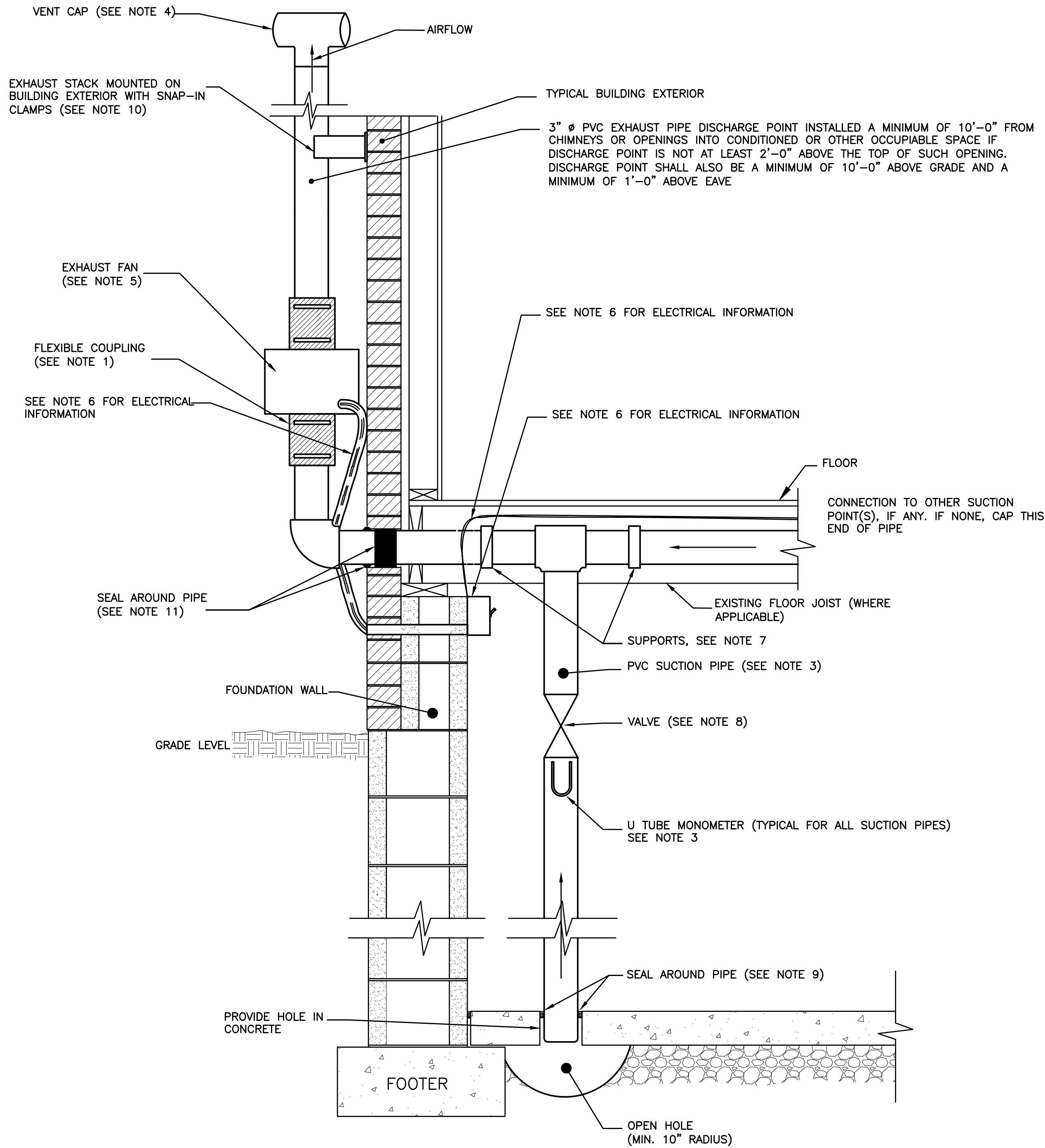
BUILDING 2 PLAN

DRAWING LOCATION
LOCKPORT, NY

C-104

COMMUNNICATION TEST RESULTS																																	
Building	Suction Hole Number	Test Point Number	Pre-Reading	Post-Reading	Water Column (in)		Building	Suction Hole Number	Test Point Number	Pre-Reading	Post-Reading	Water Column (in)		Building	Suction Hole Number	Test Point Number	Pre-Reading	Post-Reading	Water Column (in)		Building	Suction Hole Number	Test Point Number	Pre-Reading	Post-Reading	Water Column (in)		Building	Suction Hole Number	Test Point Number	Pre-Reading	Post-Reading	Water Column (in)
1	SH-1	TP-3	0.000	-0.029	34		2	SH-16	TP-96	0.000	-0.069	20		2	SH-21	TP-72	0.000	-0.006	4		2	SH-36	TP-108	0.000	-0.002	15		4	SH-40	TP-142	0.002	-0.002	12
1	SH-1	TP-5	0.000	-0.172	34		2	SH-16	TP-97	0.000	-0.087	20		2	SH-22	TP-74	0.000	-0.007	15		2	SH-36	TP-123	0.000	-0.01	15		4	SH-40	TP-142	0.002	-0.011	25
1	SH-1	TP-6	0.000	-0.367	34		2	SH-17	TP-44	0.000	-0.173	8		2	SH-27	TP-72	0.000	-0.095	14		2	SH-36	TP-124	0.000	0	15		4	SH-40	TP-144	0.001	-0.006	12
1	SH-10	TP-19	0.000	-0.278	25		2	SH-17	TP-44	0.000	-0.168	7		2	SH-29	TP-113	0.000	-0.052	17		2	SH-22	TP-80	0.000	-0.001	15		4	SH-40	TP-146	0.000	-0.01	12
1	SH-10	TP-20	0.000	-0.298	25		2	SH-17	TP-45	0.000	-0.093	8		2	SH-29	TP-68	0.000	-0.151	17		2	SH-23	TP-123	0.000	-0.015	36		4	SH-40	TP-146	0.000	-0.011	25
1	SH-11	TP-18	0.000	-0.025	25		2	SH-17	TP-45	0.000	-0.089	7		2	SH-30	TP-104	-0.001	-0.334	24		2	SH-23	TP-81	0.000	-0.006	25		4	SH-41	TP-136	0.000	-0.015	28
1	SH-11	TP-19	0.000	-0.03	25		2	SH-17	TP-46	0.000	-0.085	8		2	SH-30	TP-105	0.000	-0.2	24		2	SH-23	TP-82	0.000	-0.004	25		4	SH-41	TP-138	0.000	-0.008	28
1	SH-12	TP-22	0.000	-0.504	8		2	SH-17	TP-46	0.000	-0.084	7		2	SH-30	TP-107	0.000	-0.58	24		2	SH-23	TP-90	0.000	-0.016	25		4	SH-41	TP-145	-0.001	-0.003	28
1	SH-12	TP-23	0.000	-0.068	8		2	SH-17	TP-47	0.000	-0.336	8		2	SH-31	TP-101	0.000	-0.105	38		2	SH-23	TP-91	0.000	-0.011	25		4	SH-42	TP-154	-0.007	-0.002	45
1	SH-12	TP-24	0.000	-0.071	8		2	SH-17	TP-47	0.000	-0.347	7		2	SH-33	TP-104	0.000	-0.034	NR		2	SH-23	TP-91	0.000	-0.014	36		4	SH-44	TP-136	0.000	-0.001	32
1	SH-12	TP-25	0.000	-0.097	8		2	SH-17	TP-48	0.000	-0.366	8		2	SH-33	TP-105	0.000	-0.035	NR		2	SH-23	TP-92	0.000	-0.001	25		4	SH-44	TP-138	0.000	-0.005	32
1	SH-12	TP-26	0.000	-0.093	8		2	SH-17	TP-51	0.000	-0.346	8		2	SH-34	TP-109	0.000	-0.429	33		2	SH-24	TP-77	0.002	-0.008	14		4	SH-44	TP-139	0.000	-0.002	32
1	SH-12	TP-27	0.000	-0.092	8		2	SH-17	TP-52	0.000	-0.065	8		2	SH-34	TP-112	0.000	-0.033	33		2	SH-24	TP-90	0.000	-0.004	14		4	SH-44	TP-150	-0.004	-0.011	32
1	SH-8	TP-10	0.000	-0.358	21		2	SH-17	TP-56	0.000	-0.03	8		2	SH-35	TP-100	0.000	-0.113	15		2	SH-24	TP-94	0.000	-0.004	14		4	SH-44	TP-156	0.002	0.002	32
1	SH-8	TP-11	0.000	-0.264	21		2	SH-18	TP-100	0.000	-0.043	7		2	SH-35	TP-107	0.000	-0.035	15		2	SH-25	TP-123	0.000	0	39		4	SH-45	TP-156	0.002	-0.015	29
1	SH-8	TP-12	0.000	-1.087	21		2	SH-18	TP-126	0.000	-0.042	10		2	SH-35	TP-108	0.000	-0.0285	15		2	SH-25	TP-125	0.000	-0.002	39		4	SH-45	TP-157	0.000	-0.005	48
1	SH-8	TP-13	0.000	-0.118	21		2	SH-18	TP-127	0.000	-0.028	10		2	SH-35	TP-119	0.000	-0.025	15		2	SH-25	TP-90	0.000	-0.001	39		4	SH-46	TP-132	-0.001	-0.006	42
1	SH-8	TP-8	0.000	-0.408	21		2	SH-18	TP-53	0.000	-0.023	7		2	SH-36	TP-105	0.000	-0.107	15		2	SH-25	TP-90	0.000	-0.001	39		4	SH-46	TP-134	0.000	-0.002	42
1	SH-8	TP-9	0.000	-0.123	21		2	SH-18	TP-54	0.000	-0.025	7		2	SH-36	TP-106	0.000	-0.019	30		2	SH-25	TP-91	0.000	-0.013	39		4	SH-46	TP-135	0.000	-0.01	42
1	SH-9	TP-11	0.000	-0.431	25		2	SH-19	TP-115	0.000	-0.021	13		2	SH-36	TP-107	0.000	-0.027	15		2	SH-25	TP-91	0.000	-0.013	39		4	SH-47	TP-136	0.000	-0.004	41
1	SH-9	TP-13	0.000	-0.655	22		2	SH-19	TP-54	0.000	-0.052	9		2	SH-36	TP-117	0.000	-0.041	15		2	SH-25	TP-93	0.000	0	39		1A	SH-14	TP-28	0.000	-0.088	17
1	SH-9	TP-14	0.000	-0.267	22		2	SH-19	TP-57	0.000	-0.071	9		2	SH-36	TP-119	0.000	-0.375	15		2	SH-25	TP-93	0.000	0	39		1A	SH-14	TP-29	0.000	-0.095	17
1	SH-9	TP-15	0.000	-0.164	22		2	SH-19	TP-60	0.000	-0.043	9		2	SH-36	TP-120	0.000	-0.078	15		2	SH-26	TP-41	0.000	-0.005	NM		1A	SH-14	TP-30	0.000	-0.028	17
1	SH-9	TP-17	0.000	-1.251	NA		2	SH-19	TP-61	0.001	-0.018	9		2	SH-36	TP-121	0.000	-0.041	15		2	SH-27	TP-109	0.000	-0.002	19		1A	SH-14	TP-31	0.000	-0.025	17
1	SH-9	TP-18	0.000	-0.703	NA		2	SH-19	TP-64	0.000	-0.033	9		2	SH-36	TP-122	0.000	-0.028	15		2	SH-27	TP-110	0.000	-0.009	19		1A	SH-14	TP-32	0.000	-0.04	17
1	SH-9	TP-19	0.000	-0.357	25		2	SH-19	TP-65	0.000	-0.02	9		2	SH-15	TP-38	-0.001	-0.008	20		2	SH-27	TP-110	0.000	-0.014	33		1A	SH-14	TP-33	0.000	-0.036	17
1	SH-9	TP-20	0.000	-0.461	25		2	SH-20	TP-68	0.000	-0.038	4		2	SH-15	TP-38	-0.002	-0.005	20		2	SH-27	TP-70	0.000	-0.007	25		1A	SH-14	TP-34	0.000	-0.131	17
1	SH-9	TP-9	0.000	-0.05	22		2	SH-20	TP-68	0.000	-0.94	20		2	SH-15	TP-39	0.000	-0.011	20		2	SH-27	TP-70	0.000	-0.003	14		1A	SH-14	TP-35	0.000	-0.037	17
1	SH-1	TP-4	0.000	-0.001	34		2	SH-21	TP-68	0.000	-0.028	25		2	SH																		

SAVED: 10/26/23 4:52 PM
\\RAMASH\FILE\01\RAM - PROJECTS\NYS-DEC.10871815\1940102945.NYSDEC-HARRISON-PLACE\IN-DETAILS\DWG C-501 - DETAILS.DWG



A TYPICAL SUB SLAB DEPRESSURIZATION SECTION
NOT TO SCALE

DETAIL NOTES:

1. FERNCO FLEXIBLE PVC COUPLING WITH STAINLESS STEEL CLAMPS OR EQUAL, (3.0"x3.0").
2. DWYER MANOMETER OR EQUAL, INSTALL IN THE SUCTION PIPE RISER.
3. 3" PVC PIPE IS DUAL RATED DWV/SCH. 40 WITH DWV FITTINGS. ALL PIPING SHALL BE INSTALLED WITH CLEAR LOW VOLATILE ORGANIC COMPOUND (VOC) GLUE AND PRIMER (IPS OR HERCULES).
4. RADONAWAY 7600/ VENT CAP FOR 3" SCH 40 PVC OR EQUAL.
5. OBAR SYSTEMS INC GBR76 UD 120V FAN OR EQUAL. THE FAN DRAWS A MAXIMUM OF 870 WATTS. TEST LOAD CIRCUIT PRIOR TO INSTALLATION OF FAN. (1-REQUIRED)
6. REFER TO ELECTRICAL DRAWINGS: E-101 THROUGH E-105 FOR ELECTRICAL POWER SUPPLY AND FAN DISCONNECT SWITCH.
7. CONTRACTOR SHALL SECURE EQUIPMENT AND PIPING TO MINIMIZE ANY MOVEMENT. HORIZONTAL PIPE RUNS SHALL BE SUPPORTED EVERY 6 FEET (MAXIMUM) OR AS REQUIRED WITH "J" HOOKS (RCI #HT-4), STRAPS OR EQUAL AND SHALL BE SLOPED TOWARD THE SUCTION HOLE IN FLOOR. VERTICAL PIPE RUNS SHALL BE SUPPORTED EVERY 8 FEET (MAXIMUM) OR AS REQUIRED.
8. VALTERRA BLADEX VALVE #6401 OR EQUAL.
9. GEOCEL 3300 POLYURETHANE SEALANT OR EQUAL AROUND PIPE OPENING.
10. RADONAWAY 28500 SNAP-IN CLAMPS OR EQUAL MOUNTED TO THE EXTERIOR WALL. EVERY 8 FT. (MAXIMUM) OR AS REQUIRED.
11. WRAP PIPE WITH EPDM, BACKER ROD OR EQUAL WHERE PIPE PENETRATES THE BUILDING TO REDUCE VIBRATION. SEAL PENETRATION WITH GEOCEL 3300 POLYURETHANE SEALANT, EXPANDING FOAM OR EQUAL.

**PRELIMINARY
NOT FOR
CONSTRUCTION**
DATE: OCTOBER 2023

P.E. REGISTRATION
EXPIRES 04/20/2024

IT IS A VIOLATION OF LAW FOR ANY PERSON,
UNLESS ACTING UNDER THE DIRECTION OF A
LICENSED ENGINEER, TO ALTER THIS DOCUMENT.



**Department of
Environmental
Conservation**

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED
WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR TO DETERMINE THE ACTUAL SIZE.
DRAWING IS NOT SCALABLE IF NO SCALE BAR IS PRESENT.

CLIENT				DESIGNER / PROFESSIONAL ENGINEER RESPONSIBLE			
				B.KUBIAK			
				DESIGNED BY M.MELLEN			
				PROJECT NO. 1940102945-002			
				CHECKED BY J.CAVOTTA			
				DATE OCTOBER 2023			
				DRAWN BY M.MCCARTHY			
A	10/26/2023	ISSUED FOR CLIENT REVIEW	BAK				
NO.	DATE	REVISION	INT.				

DESIGNER / PROFESSIONAL ENGINEER RESPONSIBLE

B.KUBIAK

DESIGNED BY

M.MELLEN

CHECKED BY

J.CAVOTTA

DRAWN BY

M.MCCARTHY

PROJECT NO.

1940102945-002

DATE

OCTOBER 2023

CERTIFICATE OF AUTHORIZATION: 17993

RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC.

333 W. WASHINGTON ST. SYRACUSE, NY 13202



PROJECT

HARRISON PLACE VAPOR
INTRUSION MITIGATION

ADDRESS

210 WALNUT ST, LOCKPORT NY, 14094

SHEET DESCRIPTION

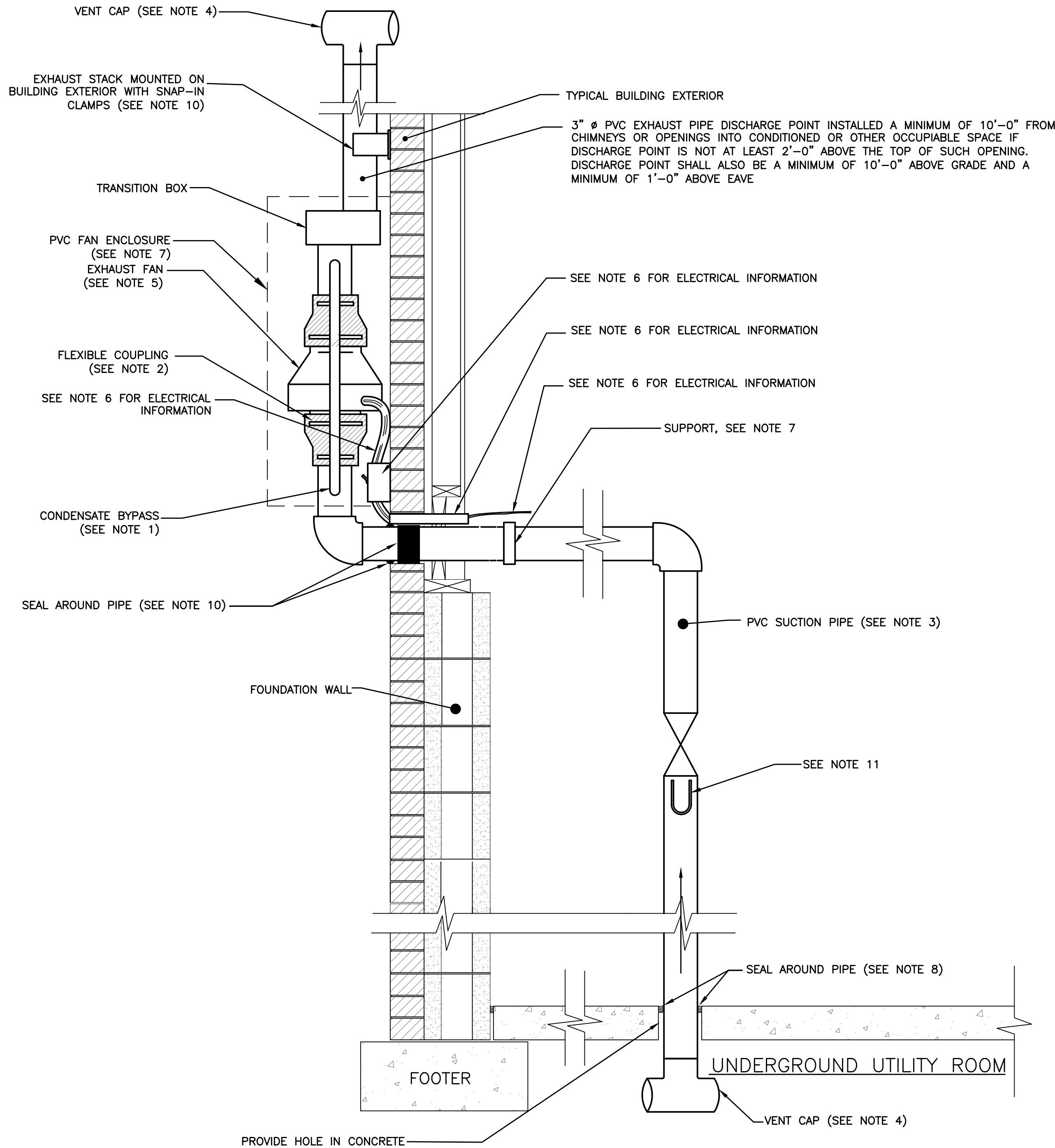
DETAILS

DRAWING LOCATION

LOCKPORT, NY

C-501

SAVED: 10/26/23 4:54 PM
\\RAMASH\FILE\01\RAM_ PROJECTS\NYS-DEC.1087\8151940102945.NYSDEC-HARRISON-PLACIN-DIDWG\SHEETS\FIGURE 4.DWG



A BUILDING 2 CONFINED SPACE BASEMENT AIR EXCHANGE SECTION
NOT TO SCALE

DETAILS NOTES:

1. RADONAWAY CONDENSATE BYPASS KIT (SKU: 25030) FAN GUARD KIT (CONDENSATE BYPASS) OR EQUAL.
2. FERNCO FLEXIBLE PVC COUPLING WITH STAINLESS STEEL CLAMPS OR EQUAL, (3.0"x4.0").
3. 3" PVC PIPE IS DUAL RATED DWV/SCH. 40 WITH DWV FITTINGS. ALL PIPING SHALL BE INSTALLED WITH CLEAR LOW VOLATILE ORGANIC COMPOUND (VOC) GLUE AND PRIMER (IPS OR HERCULES).
4. RADONAWAY 7600/ VENT CAP FOR 3" SCH 40 PVC OR EQUAL.
5. FAN ASSOCIATED WITH DETAIL A ON THIS SHEET SHALL BE RADONAWAY XP-151 FAN OR EQUAL. TO BE WIRED FROM A 115-120 V AC SUPPLY, THE FAN DRAWS A MAXIMUM OF 70 WATTS. TEST LOAD CIRCUIT PRIOR TO INSTALLATION OF FAN.
6. REFER TO ELECTRICAL DRAWINGS: E-101 THROUGH E-105 FOR ELECTRICAL POWER SUPPLYU AND FAN DISCONNECT SWITCH.
7. CONTRACTOR SHALL SECURE EQUIPMENT AND PIPING TO MINIMIZE ANY MOVEMENT. HORIZONTAL PIPE RUNS SHALL BE SUPPORTED EVERY 6 FEET (MAXIMUM) OR AS REQUIRED WITH "J" HOOKS (RCI #HT-4), STRAPS OR EQUAL AND SHALL BE SLOPED TOWARD THE SUCTION HOLE IN FLOOR. VERTICAL PIPE RUNS SHALL BE SUPPORTED EVERY 8 FEET (MAXIMUM) OR AS REQUIRED.
8. GEOCEL 3300 POLYURETHANE SEALANT OR EQUAL AROUND PIPE OPENING.
9. RADONAWAY 28500 SNAP-IN CLAMPS OR EQUAL MOUNTED TO THE EXTERIOR WALL. EVERY 8 FT. (MAXIMUM) OR AS REQUIRED.
10. WRAP PIPE WITH EPDM, BACKER ROD OR EQUAL WHERE PIPE PENETRATES THE BUILDING OR FLOOR TO REDUCE VIBRATION. SEAL PENETRATION WITH GEOCEL 3300 POLYURETHANE SEALANT, EXPANDING FOAM OR EQUAL.
11. DWYER MANOMETER OR EQUAL, INSTALL IN THE SUCTION PIPE RISER.

**PRELIMINARY
NOT FOR
CONSTRUCTION**
DATE: OCTOBER 2023

P.E. REGISTRATION
EXPIRES 04/20/2024

IT IS A VIOLATION OF LAW FOR ANY PERSON,
UNLESS ACTING UNDER THE DIRECTION OF A
LICENSED ENGINEER, TO ALTER THIS DOCUMENT.



**Department of
Environmental
Conservation**

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED
WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR TO DETERMINE THE ACTUAL SIZE.
DRAWING IS NOT SCALABLE IF NO SCALE BAR IS PRESENT.

CLIENT				DESIGNER / PROFESSIONAL ENGINEER RESPONSIBLE			
				B.KUBIAK			
				DESIGNED BY M.MELLEN			
				PROJECT NO. 1940102945-002			
				CHECKED BY J.CAVOTTA			
				DATE OCTOBER 2023			
				DRAWN BY M.MCCARTHY			
A	10/25/2023	ISSUED FOR CLIENT REVIEW	BAK				
NO.	DATE	REVISION	INT.				

CERTIFICATE OF AUTHORIZATION: 17993
RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC.
333 W. WASHINGTON ST. SYRACUSE, NY 13202



PROJECT
HARRISON PLACE VAPOR
INTRUSION MITIGATION

ADDRESS
210 WALNUT ST, LOCKPORT NY, 14094

SHEET DESCRIPTION
DETAILS

DRAWING LOCATION
LOCKPORT, NY

C-502

ELECTRICAL DIAGRAMS	
SYMBOL	DESCRIPTIONS
	FUSE, SIZE AS INDICATED
	GROUND CONNECTION
	TRANSFORMER (DELTA - RESISTANCE GROUNDED WYE SHOWN)
	CURRENT TRANSFORMER
	POTENTIAL TRANSFORMER
	LIGHTNING ARRESTOR
	CAPACITOR
	MOTOR STARTER CONTACTOR AND OVERLOAD RELAY, FVNR UON
	DISCONNECT SWITCH U.O.N
	KIRK KEY INTERLOCK
	ELECTRICAL INTERLOCK
	CIRCUIT BREAKER WITH RATINGS AS INDICATED
	DRAW OUT DEVICE
	WIRING TERMINAL BLOCK
	MOTOR - SINGLE WINDING UNLESS OTHERWISE NOTED: 2S2W = 2 SPEED 2 WINDING 2S1W = 2 SPEED 1 WINDING NUMERALS (IF SHOWN) INDICATE HP
	CONDUCTORS NOT CONNECTED
	CONDUCTORS CONNECTED
	NORMALLY OPEN
	NORMALLY CLOSED
	N.O. MOMENTARY CONTACT PUSH BUTTON WITH NAMEPLATE AS INDICATED ON DIAGRAM
	N.C. MOMENTARY CONTACT PUSH BUTTON WITH NAMEPLATE AS INDICATED ON DIAGRAM
	SOLENOID VALVE OR RELAY COIL
	RELAY OR CONTACTOR COIL WITH TAG NUMBER AS SHOWN
	N.O. RELAY CONTACT
	N.C. RELAY CONTACT
	ON-DELAY OR OFF-DELAY RELAY
	ON-DELAY RELAY N.C. TIMED OPENING CONTACT
	ON-DELAY RELAY N.O. TIMED CLOSING CONTACT
	OFF-DELAY N.C. CONTACT (OPENS WHEN ENERGIZED, TIMED CLOSING AFTER DE-ENERGIZING)
	OFF-DELAY N.O. CONTACT (CLOSES WHEN ENERGIZED, TIMED OPENING AFTER DE-ENERGIZING)
	INDICATOR OR PILOT LIGHT: R-RED, B-BLUE, W-WHITE, G-GREEN, A-AMBER O-ORANGE, C-CLEAR, NE-NEON, OP-OPALESCENT, P-PURPLE
	FIELD WIRING TERMINAL
	FIELD WIRING
	ANTI-CONDENSATION HEATER

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DOCUMENT.

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR TO DETERMINE THE ACTUAL SIZE. DRAWING IS NOT SCALABLE IF NO SCALE BAR IS PRESENT.

ELECTRICAL PLANS & SECTIONS	
SYMBOL	DESCRIPTIONS
	DUPLEX RECEPTACLE. (15 AMP UNLESS OTHERWISE NOTED)
	NEMA 4X RECEPTACLE
	GROUND FAULT INTERRUPTER TYPE RECEPTACLE
	GROUND FAULT INTERRUPTER TYPE RECEPTACLE WITHIN WEATHER-PROOF WHILE IN USE BOX
	JUNCTION BOX
	PULL BOX
	POINT OF CONNECTION TO EXISTING SYSTEM
	GROUND ROD
	LIGHTNING PROTECTION AIR TERMINAL
	DRAWING NOTE NUMBER 2
	COMPARTMENT NUMBER 2
	NON-FUSED DISCONNECT SWITCH, 30A, 3P U.O.N.
	FUSED DISCONNECT SWITCH - FUSE SIZE AS INDICATED (40A)
	LOCAL-OFF-REMOTE CONTROL STATION (LOR)
	COMBINATION MAGNETIC MOTOR STARTER. ABBREVIATION INDICATES TYPE: FVNR, FVR, RVAT, 2S1W, 2S2W, SST
	PANELBOARD
	TRANSFORMER
	FLEXIBLE CONDUIT
	RACEWAY "UP" OR "TOWARDS"
	RACEWAY "DOWN" OR "AWAY"
	HEAT TRACE CABLE
	LIGHTING CIRCUIT. NO. OF TICK MARKS = NO. OF CONDUCTORS (NOT INCLUDING GROUND) LONG TICK MARK = NEUTRAL (SEE PANEL SCHEDULE FOR CONDUIT AND WIRE SIZES).
	RACEWAY CONCEALED IN OR BELOW SLAB OR BELOW GRADE.
	BRANCH CIRCUIT HOME RUN
	BRANCH CIRCUIT W/#12 AWG THHN WIRES, SLASH LINES INDICATES WIRES IN CIRCUIT, SHORT LINES DEPICTS PHASE CONDUCTOR, LONG LINE DEPICTS NEUTRAL CONDUCTOR, LONG LINE W/DOT DEPICTS GROUND
	RACEWAY RUN EXPOSED. CONDUCTORS SHALL BE MINIMUM 2#12 AWG AND #12 AWG GROUND IN 3/4" CONDUIT, UON.
	EXISTING LINE TYPE
	PROPOSED ELECTRICAL WORK LINE TYPE

PART 1 - GENERAL

1.1 SCOPE OF WORK

A. PROVIDE ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, TRANSPORTATION, AND SERVICES NECESSARY FOR AND INCIDENTAL TO COMPLETION OF ALL ELECTRICAL WORK AS INDICATED ON THE DRAWINGS AND/OR SPECIFIED HEREIN.

1.2 DRAWING USE AND INTERPRETATION

A. THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND EQUIPMENT UNLESS OTHERWISE DEFINED BY DIMENSIONS OR DETAILS, EXACT EQUIPMENT LOCATIONS AND RACEWAY ROUTING, ETC., SHALL BE GOVERNED BY ACTUAL FIELD CONDITIONS AND/OR INSTRUCTIONS OF THE ENGINEER AND/OR OWNER'S REPRESENTATIVE.

1.3 COMPLETE SYSTEMS

A. GENERAL: FURNISH AND INSTALL ALL MATERIALS AS REQUIRED FOR COMPLETE SYSTEMS, INCLUDING ALL PARTS OBVIOUSLY OR REASONABLY INCIDENTAL TO A COMPLETE INSTALLATION, WHETHER SPECIFICALLY INDICATED OR NOT. ALL SYSTEMS SHALL BE COMPLETELY ASSEMBLED, TESTED, ADJUSTED AND DEMONSTRATED TO BE READY FOR OPERATION PRIOR TO OWNER'S ACCEPTANCE.

B. WIRING: THE WIRING SPECIFIED AND/OR SHOWN ON THE DRAWINGS IS FOR COMPLETE AND WORKABLE SYSTEMS. ANY DEVIATIONS FROM THE WIRING SHOWN DUE TO A PARTICULAR MANUFACTURER'S OR SUBCONTRACTOR'S REQUIREMENTS SHALL BE MADE AT NO COST TO THE OWNER.

1.4 CODES AND REGULATIONS

A. GENERAL: COMPLY WITH THE NATIONAL ELECTRIC CODE (NEC); IEEE STANDARDS AND ALL GOVERNING FEDERAL, STATE AND LOCAL LAWS, ORDINANCES, CODES, RULES AND REGULATIONS. WHERE THE CONTRACT DOCUMENTS EXCEED THESE REQUIREMENTS, THE CONTRACT DOCUMENTS SHALL GOVERN. IN NO CASE SHALL WORK BE INSTALLED CONTRARY TO OR BELOW MINIMUM APPLICABLE STANDARDS.

B. UTILITIES: COMPLY WITH ALL APPLICABLE RULES, RESTRICTIONS, AND REQUIREMENTS OF THE UTILITY COMPANIES SERVICING THE PROJECT SITE/FACILITIES.

1.5 SUBMITTAL

A. REQUIRED SUBMITTALS INCLUDE: LIST OF SUBCONTRACTORS; PRODUCT DATA; SHOP DRAWINGS.

B. SUBMIT IN .PDF FORMAT ELECTRONICALLY.

C. PRODUCT DATA: SUBMIT FOR ALL BASIC ELECTRICAL EQUIPMENT, DEVICES AND MATERIALS TO BE USED ON THE PROJECT. PRODUCT DATA TO CONSIST OF MANUFACTURER'S STANDARD CATALOG CUTS, DESCRIPTIVE LITERATURE AND/OR DIAGRAMS, IN 8.5" X 11" FORMAT, AND IN SUFFICIENT DETAIL SO AS TO CLEARLY INDICATE COMPLIANCE WITH ALL SPECIFIED REQUIREMENTS AND STANDARDS. MARK EACH OPTION TO CLEARLY INDICATE PROPOSED PRODUCT, OPTIONS, FINISHES, ETC.

D. MAINTENANCE MANUALS: INCLUDE OPERATING AND MAINTENANCE DATA. INCLUDE ALL PRODUCT DATA/SHOP DRAWING SUBMITTAL, AS WELL AS DESCRIPTIONS OF MANUFACTURER'S PRINTED OPERATED MAINTENANCE, TROUBLESHOOTING, REPAIR, ADJUSTMENT, AND EMERGENCY INSTRUCTIONS, AND COMPLETE REPLACEMENT PARTS LISTING.

E. RECORD DOCUMENTS: INDICATE ACTUAL INSTALLED LOCATIONS FOR ALL EQUIPMENT AND DEVICES, ROUTING OF MAJOR INTERIOR RACEWAYS, LOCATIONS OF ALL CONCEALED AND UNDERGROUND EQUIPMENT AND RACEWAYS AND ALL APPROVED MODIFICATIONS TO THE CONTRACT DOCUMENTS, AND DEVIATIONS NECESSITATED BY FIELD CONDITIONS AND CHANGE ORDERS.

1.6 QUALITY ASSURANCE

A. MANUFACTURER'S QUALIFICATIONS: NOT LESS THAN THREE YEARS EXPERIENCE IN THE ACTUAL PRODUCTION OF THE SPECIFIED PRODUCTS.

B. INSTALLER'S QUALIFICATIONS: FIRM WITH NOT LESS THAN FIVE YEARS EXPERIENCE IN THE INSTALLATION OF ELECTRICAL SYSTEMS AND EQUIPMENT SIMILAR IN SCOPE AND COMPLEXITY TO THOSE REQUIRED FOR THIS PROJECT, AND HAVING SUCCESSFULLY COMPLETED AT LEAST TEN COMPARABLE SCALE PROJECTS.

C. INCIDENTAL WORK: PAINTING, WELDING, CARPENTRY, MECHANICAL WORK AND THE LIKE REQUIRED FOR ELECTRICAL WORK SHALL BE PERFORMED BY CRAFTSMEN SKILLED IN THE APPROPRIATE TRADE, BUT SHALL BE PROVIDED FOR BY THE ELECTRICAL CONTRACT.

1.7 INSPECTIONS

A. GENERAL: DURING AND UPON COMPLETION OF WORK, ARRANGE AND PAY ALL ASSOCIATED COSTS FOR INSPECTIONS OF ALL ELECTRICAL WORK INSTALLED UNDER THIS CONTRACT, IN ACCORDANCE WITH THE CONDITIONS OF THE CONTRACT.

B. INSPECTIONS REQUIRED: AS PER THE LAWS AND REGULATIONS OF THE LOCAL AND/OR STATE AGENCIES HAVING JURISDICTION AT THE PROJECT SITE.

C. INSPECTION AGENCY: APPROVED BY THE LOCAL AND/OR STATE AGENCIES HAVING JURISDICTION AT THE PROJECT SITE.

D. CERTIFICATIONS: SUBMIT ALL REQUIRED INSPECTION CERTIFICATES.

1.8 DELIVERY, STORAGE AND HANDLING

A. PACKING AND SHIPPING: DELIVER PRODUCTS IN ORIGINAL UNOPENED PACKAGING, PROPERLY IDENTIFIED WITH MANUFACTURER'S IDENTIFICATION, AND COMPLIANCE LABELS.

B. STORAGE AND PROTECTION: COMPLY WITH ALL MANUFACTURER'S WRITTEN RECOMMENDATIONS. STORE ALL PRODUCTS IN A MANNER WHICH SHALL PROTECT THEM FROM DAMAGE, WEATHER, AND ENTRY OF DEBRIS.

C. DAMAGED PRODUCTS: DO NOT INSTALL DAMAGED PRODUCTS. ARRANGE FOR PROMPT REPLACEMENT.

PART 2 - PRODUCTS

2.1 GENERAL

A. WHERE SPECIFIED: MATERIALS AND EQUIPMENT SHALL BE AS SPECIFIED HEREIN OR AS INDICATED ON THE DRAWINGS.

B. GENERAL REQUIREMENTS: ALL MATERIALS AND EQUIPMENT SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, AND TO THE GREATEST EXTENT POSSIBLE, STANDARD PRODUCTS OF THE VARIOUS MANUFACTURER'S EXCEPT WHERE SPECIAL CONSTRUCTION OR PERFORMANCE FEATURES ARE CALLED ALL MATERIALS AND EQUIPMENT TO BE NEW, CLEAN, UNDAMAGED, AND FREE OF DEFECTS.

C. ACCEPTABLE PRODUCTS: THE PRODUCT OF A SPECIFIED OR APPROVED MANUFACTURER WILL BE ACCEPTABLE ONLY WHEN THE PRODUCT COMPLIES WITH OR IS MODIFIED AS NECESSARY TO COMPLY WITH ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS.

D. COMMON ITEMS: WHERE MORE THAN ONE OF ANY SPECIFIC ITEM IS REQUIRED, ALL SHALL BE OF THE SAME TYPE AND MANUFACTURER.

E. UL LISTING: ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE UNDERWRITER'S LABORATORIES LISTED FOR SUCH MATERIALS OR EQUIPMENT.

2.2 RACEWAY SYSTEMS

A. RACEWAY SIZING: AS REQUIRED BY THE NEC (MINIMUM) WITH OVERSIZED RACEWAYS AS INDICATED AND WHERE REQUIRED FOR EASE OF PULLING CABLE. MINIMUM CONDUIT SIZE: 3/4 INCH.

B. RACEWAY TYPES: ELECTRIC METALLIC TUBING (EMT), FLEXIBLE STEEL CONDUIT, LIQUIDTIGHT FLEXIBLE STEEL CONDUIT; CONFORMING TO APPLICABLE ANSI, NEMA AND UL STANDARDS.

C. FITTINGS: ALL RACEWAY FITTINGS TO BE STEEL OR MELLEABLE IRON, AND UL LISTED FOR THE INTENDED APPLIATION, EMT FITTINGS SHALL BE THE COMPRESSION TYPE.

D. OUTLET BOXES (CONCEALED IN WALLS): NON-GANGABLE. GALVANIZED STEEL, WITH SQUARE CORNERED TILE TYPE EXTENSION RINGS OR COVER, MINIMUM SIZE: TWO-GANG BOX OR 4" SQUARE, MINIMUM CAPACITY: 21 CUBIC INCHES.

2.3 WIRE CONDUCTORS - 600 VOLT AND BELOW

A. GENERAL: SINGLE-CONDUCTOR, 98% CONDUCTIVITY, ANNEALED, UNCOATED COPPER CONDUCTORS WITH 600 VOLT RATED TYPE THHN/THWN INSULATION, WHERE INSTALLED IN CONDUIT. PROVIDE "TRAY-RATED" CABLE FOR CABLE TRAY APPLICATIONS.

B. CONNECTORS: NYLON SHELL INSULATED METALLIC SCREW-ON CONNECTORS FOR #14-10 AWG, AND BOLTED PRESSURE OR COMPRESSION TYPE LUGS AND CONNECTORS WITH INSULATING COVERS FOR #8 AWG AND LARGER.

C. MINIMUM SIZE: #12 AWG FOR POWER CIRCUITS.

2.4 ELECTRICAL IDENTIFICATION

A. NAMEPLATES: THREE-LAYER LAMINATED PLASTIC WITH MINIMUM 3/16" HIGH BLACK ENGRAVED CHARACTERS ON WHITE BACKGROUND, AND PUNCHED FOR MECHANICAL FASTENING. FASTENERS: SELF-TAPPING STAINLESS STEEL SCREWS OR #10-32 STAINLESS STEEL MACHINE SCREWS WITH NUTS AND FLAT AND LOCK WASHERS.

B. MARKING PENS: PERMANENT, WATERPROOF, QUICK DRYING BLACK INK.

C. WIRE TAGS: VINYL OR VINYL CLOTH, SELF-ADHESIVE WRAPAROUND TYPE INDICATING APPROPRIATE CIRCUIT NUMBER, ETC.

PART 3 - EXECUTION

3.1 RACEWAY SYSTEMS

A. RACEWAY TYPES: UNLESS INDICATED OTHERWISE, USE RACEWAY TYPES AS FOLLOWS:

1. INDOORS, CONCEALED IN WALLS OR ABOVE CEILING: EMT

3.2 CONDUCTORS - 600 VOLT

A. EQUIPMENT GROUNDING CONDUCTOR REQUIRED: FOR EACH BRANCH CIRCUIT AND FEEDER RUN, PROVIDE AN EQUIPMENT GROUNDING CONDUCTOR FOR CONTINUOUS LENGTH OF RUN, SIZED PER NEC 250-122 (MINIMUM), LARGER, IF SO INDICATED.

B. NEUTRAL CONDUCTORS: FOR CIRCUITS WHERE NEUTRAL CONDUCTORS ARE REQUIRED, PROVIDE A NEUTRAL CONDUCTOR OF EQUIVELANT SIZE TO THE PHASE CONDUCTORS. SHARED NEUTRALS ARE NOT ALLOWED WITHOUT WRITTEN CONSENT OF THE PROJECT ENGINEER.

C. TERMINATIONS: FURNISH AND INSTALL TERMINATIONS INCLUDING LUGS, IF NECESSARY, TO MAKE ALL ELECTRICAL CONNECTIONS AND TERMINATIONS FOR ALL STRANDED AWG CONDUCTORS USING CRIMP, CLAMP, OR BOX TYPE CONNECTORS AND TERMINATORS. ENCLOSE ALL STRANDS OR STRANDED CONDUCTORS IN CONNECTORS, AND LUGS.

D. COLOR CODE: COLOR CODE ALL BRANCH CIRCUIT AND FEEDER CONDUCTORS AS FOLLOWS:

1. 208/120 VOLTS:

PHASE COLOR
A BLACK
B RED
C BLUE
NEUTRAL WHITE

2. 480/277 VOLTS

PHASE COLOR
A BROWN
B YELLOW
C ORANGE
NEUTRAL WHITE

3. EQUIPMENT GROUNDING CONDUCTORS: GREEN

3.21 EQUIPMENT CONNECTIONS

A. EQUIPMENT VARIATIONS: NOTE THAT EQUIPMENT SIZES AND CAPACITIES AS SHOWN ON THE CONTRACT DRAWINGS ARE FOR BIDDING PURPOSES AND MAY NOT BE THE EXACT UNIT FURNISHED. CONTRACTOR SHALL ANTICIPATE MINOR VARIATIONS IN EQUIPMENT AND SHALL INCLUDE IN THE BID ALL COSTS REQUIRED TO PROPERLY CONNECT THE EQUIPMENT FURNISHED.

B. VERIFICATION: OBTAIN AND REVIEW SHOP DRAWINGS, PRODUCT DATA AND MANUFACTURER'S INSTRUCTIONS FOR EQUIPMENT FURNISHED BY OTHERS. EXAMINE ACTUAL EQUIPMENT TO VERIFY PROPER CONNECTION LOCATIONS AND REQUIREMENTS.

GENERAL NOTES:

- THIS IS A STANDARD SYMBOL LIST, SOME SYMBOLS MAY NOT APPEAR ON THE ACCOMPANYING DRAWINGS.
- REFER TO SPECIFICATIONS FOR DETAILED REQUIREMENTS.
- PLAN & SECTION SYMBOLS MAY ALSO BE USED ON DIAGRAMS.
- ON ONE LINE DIAGRAMS FOR 3 PHASE SYSTEMS, DEVICE QUANTITY = 3 UNLESS OTHERWISE NOTED.
- WIRE SIZES SHOWN ARE AWG (AMERICAN WIRE GAUGE).
- ALL PLANS ARE DIAGRAMATIC ONLY AND WITH ENGINEERING APPROVAL MAY BE ADJUSTED TO SUIT FIELD CONDITIONS.
- COORDINATE THE LOCATION OF ALL ELECTRICAL EQUIPMENT WITH THE OTHER TRADES, TO AVOID ANY CONFLICTS.
- IDENTIFY ALL ELECTRICAL EQUIPMENT WITH THE PROPER TITLE AND/OR BRANCH CIRCUIT INFORMATION, USING LAMACOD NAMEPLATES, WHITE WITH 1/4" HIGH BLACK LETTERING.

ELECTRICAL ABBREVIATIONS	
A, AMP	- AMPERE
AC	- ALTERNATING CURRENT
AIC	- AMPS INTERRUPTING CAPACITY
AF	- AMP FRAME
AT	- AMP TRIP
ATS	- AUTOMATIC TRANSFER SWITCH
AWG	- AMERICAN WIRE GAUGE
C	- CONDUIT
CCTV	- CLOSED CIRCUIT TELEVISION
CEP	- CONCRETE EQUIPMENT PAD
CKT	- CIRCUIT
CMH	- COMMUNICATION MANHOLE
COND	- CONDUCTOR
CPT	- CONTROL POWER TRANSFORMER
CU	- COPPER
CVA	- CONSTANT WATTAGE AUTOTRANSFORMER
DC	- DIRECT CURRENT
DISC	- DISCONNECT
DP	- DISTRIBUTION PANEL
DPST	- DOUBLE POLE SINGLE THROW
DPDT	- DOUBLE POLE DOUBLE THROW
DS	- DISCONNECT SWITCH
DT	- DOUBLE THROW
EM, EMERG	- EMERGENCY
EC	- EMPTY CONDUIT
EMT	- ELECTRICAL METALLIC TUBING
ETM	- ELAPSED TIME METER
(E), EX	- EXISTING
FA	- FIRE ALARM
FAAP	- FIRE ALARM ANNUNCIATOR PANEL
FACP	- FIRE ALARM CONTROL PANEL
FDR	- FEEDER
FLA	- FULL LOAD AMPERES
FMC	- FLEXIBLE METAL CONDUIT
FS	- FLOW SWITCH
FU	- FUSED OR FUSIBLE
FVR	- FULL VOLTAGE REVERSING
FVNR	- FULL VOLTAGE NON-REVERSING
G, GND	- GROUND
GFI	- GROUND FAULT INTERRUPTER
GFR	- GROUND FAULT RELAY
GRS	- GALVANIZED RIGID STEEL CONDUIT
HH	- HANDHOLE
HPS	- HIGH PRESSURE SODIUM
HV	- HIGH VOLTAGE
HZ	- HERTZ
IC	- INTERRUPTING CAPACITY
IG	- ISOLATED GROUND
I/I	- CURRENT/CURRENT TRANSDUCER
I/O	- CURRENT/PNEUMATIC TRANSDUCER
IP	- INPUT/OUTPUT
IMC	- INTERMEDIATE METAL CONDUIT
IT	- INSTANTANEOUS TRIP or INTERCHANGEABLE TRIP
JB	- JUNCTION BOX
KCML	- THOUSAND CIRCULAR MILS
KV	- KILVOLTS
KVA	- KILOVOLT AMPERES
KVAR	- KILOVOLT AMPERES REACTIVE
KW	- KILOWATTS
KWH	- KILOWATT HOUR
LA	- LIGHTNING ARRESTOR
LFMC	- LIQUID TIGHT FLEXIBLE METAL CONDUIT
LOR	- LOCAL-OFF-REMOTE
LS	- LIMIT SWITCH
LTG	- LIGHTING
mA	- MILLIAMPS
MCB	- MAIN CIRCUIT BREAKER
MCP	- MOTOR CIRCUIT PROTECTOR
MH	- MANHOLE
MLO	- MAIN LUGS ONLY
MV	- MERCURY VAPOR
NC	- NORMALLY CLOSED
NF	- NON-FUSED
NFSS	- NON-FUSED SAFETY SWITCH
NGR	- NEUTRAL GROUNDING RESISTOR
NO	- NORMALLY OPEN
ODP	- OPEN DRIP PROOF
OL	- OVERLOAD
() P	- () NUMBER OF POLES
φ, PH	- PHASE
P/I	- PNEUMATIC/CURRENT TRANSDUCER
PB	- PUSHBUTTON
PF	- POWER FACTOR
PFCC	- POWER FACTOR CORRECTION CAPACITOR
PL	- PILOT LIGHT
PLC	- PROGRAMMABLE LOGIC CONTROLLER
PS	- PRESSURE SWITCH
PT	- POTENTIAL TRANSFORMER
RFI	- RADIO FREQUENCY INTERFERENCE
RGSC	- RIGID GALVANIZED STEEL CONDUIT
RLA	- RUNNING LOAD AMPERES
RMC	- RIGID METAL CONDUIT
RMS	- ROOT MEAN SQUARE
RSC	- RIGID STEEL CONDUIT
RVAT	- REDUCED VOLTAGE AUTO TRANSFORMER
SC	- SURGE CAPACITOR
SPD	- SURGE PROTECTIVE DEVICE
SS	- SAFETY SWITCH OR STAINLESS STEEL
SSDS	- SUB-SLAB DEPRESSURIZATION SYSTEM
SST	- SOLID STATE
ST	- SINGLE THROW
SWBD	- SWITCHBOARD
SWGR	- SWITCHGEAR
T-STAT, T	- THERMOSTAT
TEL, TELE	- TELEPHONE
TMH	- TELECOM MANHOLE
TR	- TIMING RELAY
TS	- TEMPERATURE SWITCH
TSP	- TWISTED SHIELDED PAIR
UTP	- UNSHIELDED TWISTED PAIR
V	- VOLTS
VA	- VOLT - AMPERES
VFD	- VARIABLE FREQUENCY DRIVE
VS	- VIBRATION SWITCH
W	- WATTS, WIRE
XFMR	- TRANSFORMER
XP	- EXPLOSION PROOF

PRELIMINARY
NOT FOR
CONSTRUCTION
DATE: 10/27/2023



A	10/02/2023	ISSUED FOR REVIEW	
NO.	DATE	REVISION	INT.

DESIGNER / PROFESSIONAL ENGINEER RESPONSIBLE
E. MILES
DESIGNED BY M. WHALON
CHECKED BY D. LEMONCELLI
DRAWN BY K. MONETTE
PROJECT NO. 1940102945-002
DATE OCTOBER 2023

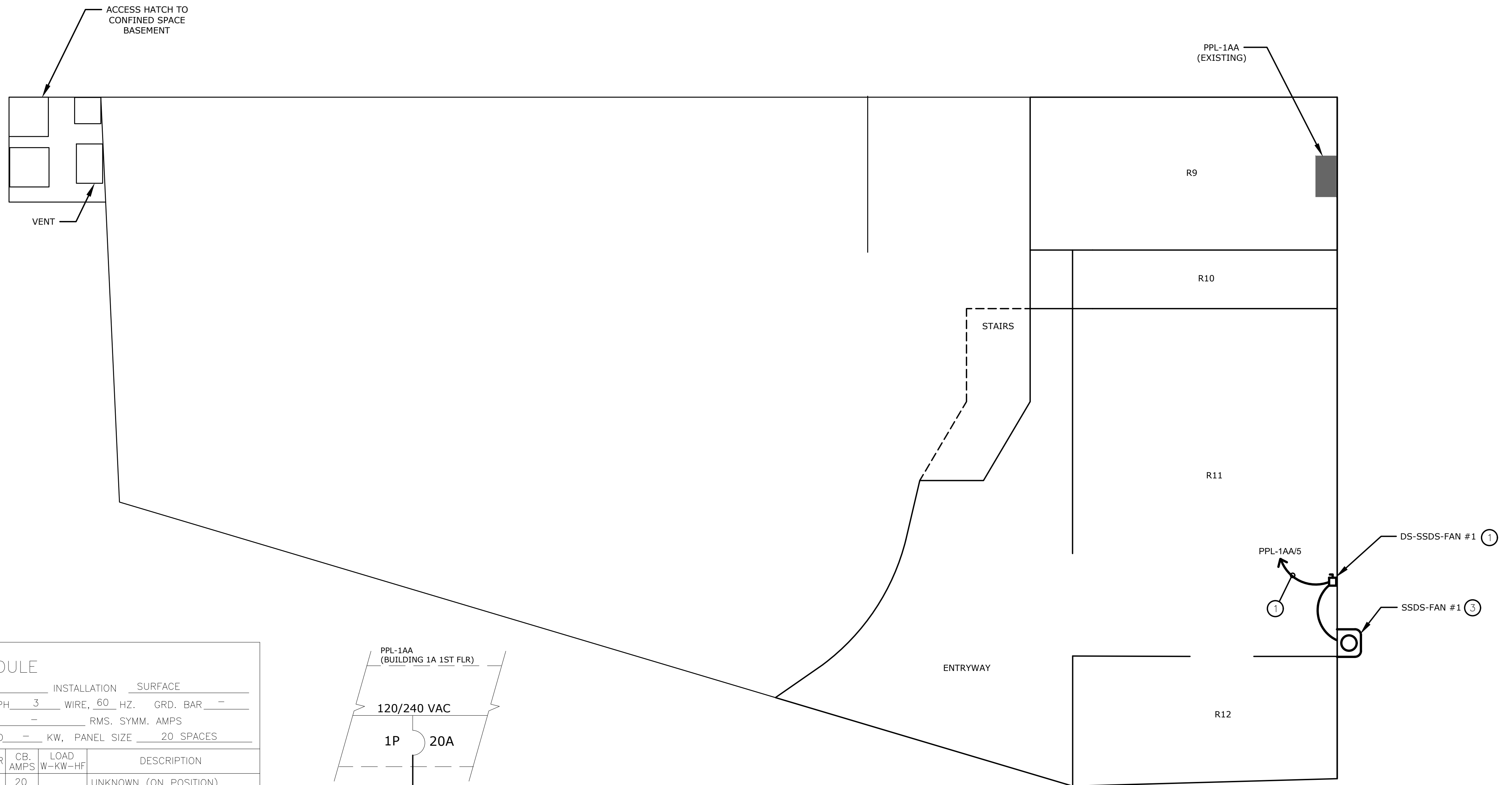
CERTIFICATE OF AUTHORIZATION: 17993
RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC.
333 W. WASHINGTON ST. SYRACUSE, NY 13202
RAMBOLL

PROJECT
HARRISON PLACE VAPOR
INTRUSTION MITIGATION
ADDRESS
210 WALNUT ST, LOCKPORT NY, 14094

SHEET DESCRIPTION
GENERAL NOTES SYMBOLS AND
ABBREVIATIONS
DRAWING LOCATION
LOCKPORT, NY

1. COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO CONSTRUCTION.
2. REFER TO CIVIL DRAWINGS FOR MORE DETAIL.
3. ALL CONDUIT AND CONDUCTORS TO BE #12 AWG AND 3/4" EMT UNLESS OTHERWISE NOTED.

- ① PROVIDE 2#12-1#12 GND IN 3/4" EMT TO ASSOCIATED PANEL. PROVIDE 1P/20A DISCONNECT SWITCH WITH LOCKABLE COVER INSIDE THE BUILDING AT EACH FAN.
- ② UTILIZE EXISTING BREAKER IN THE OFF POSITION. CONFIRM WITH OWNER IF ANY CONNECTED CIRCUITS ARE ABANDONED AND NO LONGER IN USE.
- ③ REFER TO DRAWING C-501 AND C-502 FOR ADDITIONAL FAN MOUNTING AND INSTALLATION DETAILS

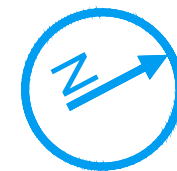


PANEL SCHEDULE									
PANEL BOARD <u>PPL-1AA</u>		LOCATION <u>BUILDING 1A</u>		INSTALLATION <u>SURFACE</u>					
RATINGS <u> </u> AMPS		<u>120/240</u> VOLTS		PH <u>3</u>		WIRE, <u>60</u> HZ.		GRD. BAR <u> </u>	
MAIN LUGS <u> </u>		CB. INTERRUPTING RATING <u> </u>		RMS. SYMM. AMPS <u> </u>					
MAIN CIRCUIT BREAKER <u> </u>		AMPS <u> </u>		CONNECTED LOAD <u> </u> KW,		PANEL SIZE <u>20</u> SPACES			

DESCRIPTION	LOAD W-KW-HF	CB, AMPS	CIR	1 N 2	CIR	CB, AMPS	LOAD W-KW-HF	DESCRIPTION
UNKNOWN (ON POSITION)		20	1	⎓	2	20		UNKNOWN (ON POSITION)
WATER HEATER		20	3	⎓	4	20		WATER HEATER
SSDS-FAN #1		20	5	⎓	6	20		UNKNOWN (ON POSITION)
UNKNOWN (ON POSITION)		20	7	⎓	8	20		GAS FURNACE
UNKNOWN (ON POSITION)		20	9	⎓	10	20		UNKNOWN (ON POSITION)
UNKNOWN (ON POSITION)		20	11	⎓	12	20		PLANT POLICE HEATERS
PLANT POLICE HEATERS		20	13	⎓	14	20		UNKNOWN (ON POSITION)
PLUG		20	15	⎓	16	20		PLUGS
AC UNIT ON ROOF		20	17	⎓	18	20		A/C UNIT
SINK OUTLET		20	19	⎓	20	20		DOUBLE OUTLET

The diagram illustrates the electrical system for Building 1A. It features a 120/240 VAC supply connected to a 1P/20A breaker. The breaker is connected to a DS-SSDS-FAN #1 load, which is further connected to a 7.25A circular load. The diagram is labeled "BUILDING 1A - ONE-LINE DIAGRAM".

BUILDING 1A - FIRST FLOOR PLAN



PRELIMINARY
NOT FOR
CONSTRUCTION
DATE: 10/27/2023



A	10/02/2023	ISSUED FOR REVIEW	
NO.	DATE	REVISION	INT

DESIGNER / PROFESSIONAL ENGINEER RESPONSIBLE	
E. MILES	
DESIGNED BY	PROJECT NO.
M. WHALON	1940102945-001
CHECKED BY	DATE
D. LEMONCELLI	OCTOBER 2023
DRAWN BY	
K. MONETTE	

CERTIFICATE OF AUTHORIZATION: 17993
RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC.
 333 W. WASHINGTON ST. SYRACUSE, NY 13202



PROJECT
HARRISON PLACE VAPOR
INTRUSTION MITIGATION

ADDRESS
210 WALNUT ST, LOCKPORT NY, 14094

SHEET DESCRIPTION
BUILDING 1A - FIRST FLOOR PLAN

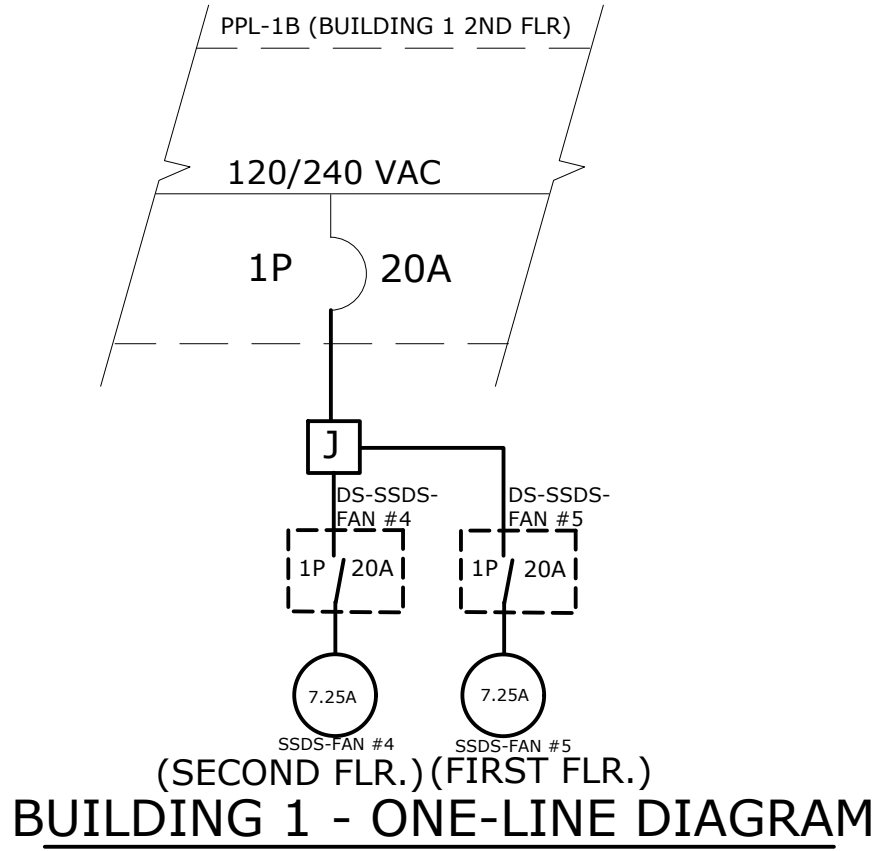
DRAWING LOCATION
LOCKPORT, NY

E-101 |

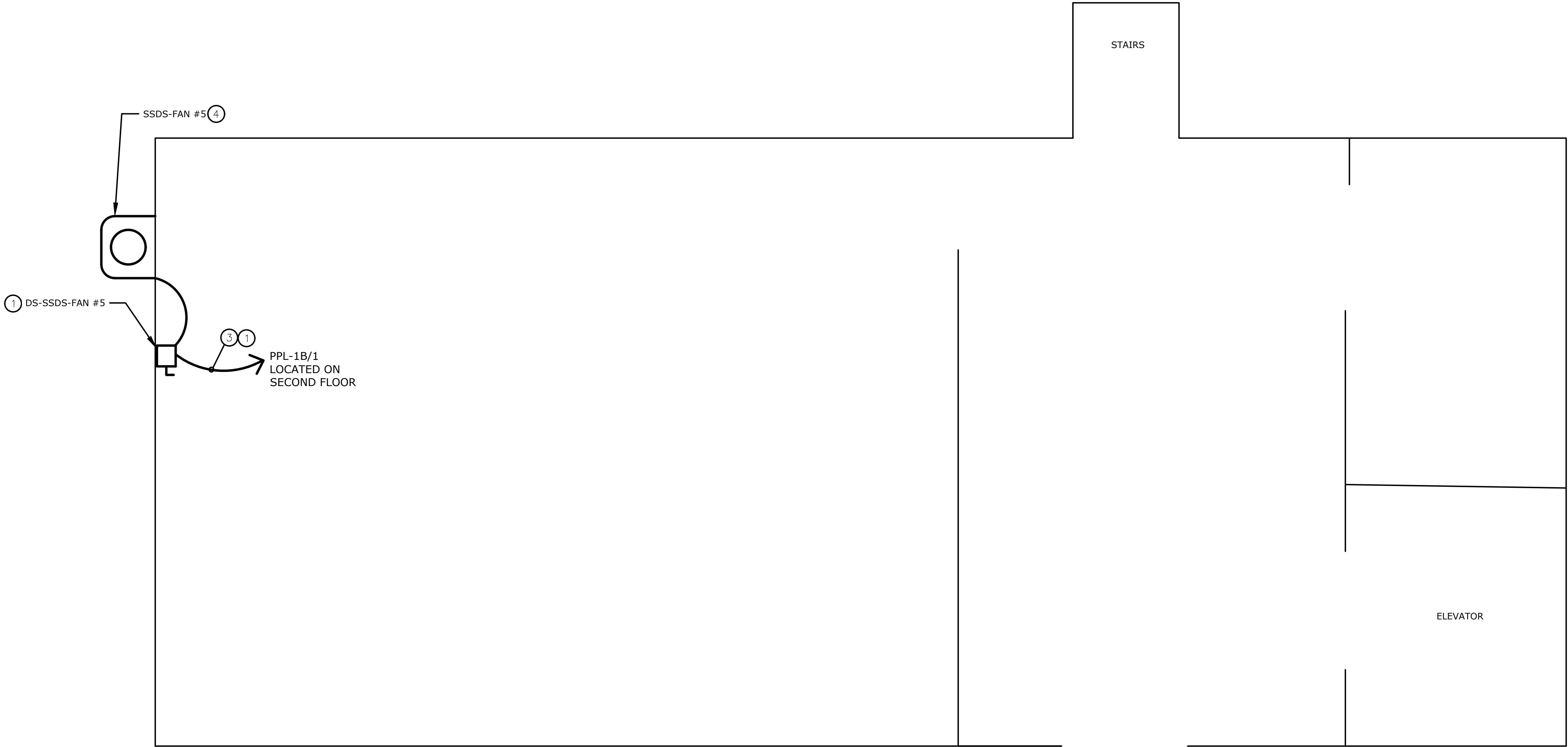
SAVED: 10/27/23 9:12 AM

C:\USERS\KMONETTE\ONE DRIVE - RAMBOLL\DESKTOP\DWG-E-102 HARRISON PLACE BUILDING 1 E.DWG

PANEL SCHEDULE									
PANEL BOARD <u>PPL-1B</u>		LOCATION <u>BUILDING 1-SECOND FLOOR</u>		INSTALLATION <u>SURFACE</u>					
RATINGS	-	AMPS	<u>120/240</u>	VOLTS	-	PH	-	WIRE	<u>1</u> HZ. GRD. BAR
MAIN LUGS		-	CB. INTERRUPTING RATING		-	RMS. SYMM. AMPS			
MAIN CIRCUIT BREAKER		-	AMPS	CONNECTED LOAD	-	KW	PANEL SIZE	<u>12 SPACES</u>	
DESCRIPTION	LOAD W-KW-HF	CB. AMPS	CIR	1	N	2	CIR	CB. AMPS	LOAD W-KW-HF
SSDS-FANS #4 & #5		20	1				2		UNKNOWN (OFF POSITION)
UNKNOWN (OFF POSITION)			3				4		UNKNOWN (OFF POSITION)
UNKNOWN (ON POSITION)			5				6		UNKNOWN (ON POSITION)
WATER HEATER (MAIN FOYER)			7				8		UNKNOWN (OFF POSITION)
UNKNOWN (ON POSITION)			9				10		UNKNOWN (ON POSITION)
FRIDGE & MICROWAVE			11				12		UNKNOWN (ON POSITION)



- GENERAL NOTES
- COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO CONSTRUCTION.
 - REFER TO CIVIL DRAWINGS FOR MORE DETAIL.
 - ALL CONDUIT AND CONDUCTORS TO BE #12 AWG AND 3/4" EMT UNLESS OTHERWISE NOTED.
- INSTALLATION NOTES:
- PROVIDE 2#12-1#12 GND IN 3/4" EMT TO ASSOCIATED PANEL. PROVIDE 1P/20A DISCONNECT SWITCH WITH LOCKABLE COVER INSIDE BUILDING AT EACH FAN.
 - UTILIZE EXISTING BREAKER IN THE OFF POSITION. CONFIRM WITH OWNER IF ANY CONNECTED CIRCUITS ARE ABANDONED AND NO LONGER IN USE.
 - ROUTE TO PANEL INDICATED ON SECOND FLOOR, REFER TO DRAWING E-103. SEAL FLOOR AND WALL PENETRATIONS TO MATCH FIRE RATING.
 - REFER TO DRAWING C-501 FOR ADDITIONAL FAN MOUNTING AND INSTALLATION DETAILS



BUILDING 1 - FIRST FLOOR PLAN



PRELIMINARY
NOT FOR
CONSTRUCTION

DATE: 10/27/2023



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DOCUMENT.

THIS DRAWING WAS PREPARED AT THE SCALE INDICATED. INACCURACIES IN THE STATED SCALE MAY BE INTRODUCED WHEN DRAWINGS ARE REPRODUCED BY ANY MEANS. USE THE GRAPHIC SCALE BAR TO DETERMINE THE ACTUAL SIZE. DRAWING IS NOT SCALABLE IF NO SCALE BAR IS PRESENT.

A	10/02/2023	ISSUED FOR REVIEW			
NO.	DATE	REVISION			INT.

DESIGNER / PROFESSIONAL ENGINEER RESPONSIBLE
E. MILES

DESIGNED BY
M. WHALON

CHECKED BY
D. LEMONCELLI

DRAWN BY
K. MONETTE

PROJECT NO.
1940102945-002

DATE
OCTOBER 2023

CERTIFICATE OF AUTHORIZATION: 17993
RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC.
333 W. WASHINGTON ST. SYRACUSE, NY 13202

RAMBOLL

PROJECT
HARRISON PLACE VAPOR
INTRUSTION MITIGATION

ADDRESS
210 WALNUT ST, LOCKPORT NY, 14094

SHEET DESCRIPTION
BUILDING 1 - FIRST FLOOR PLAN

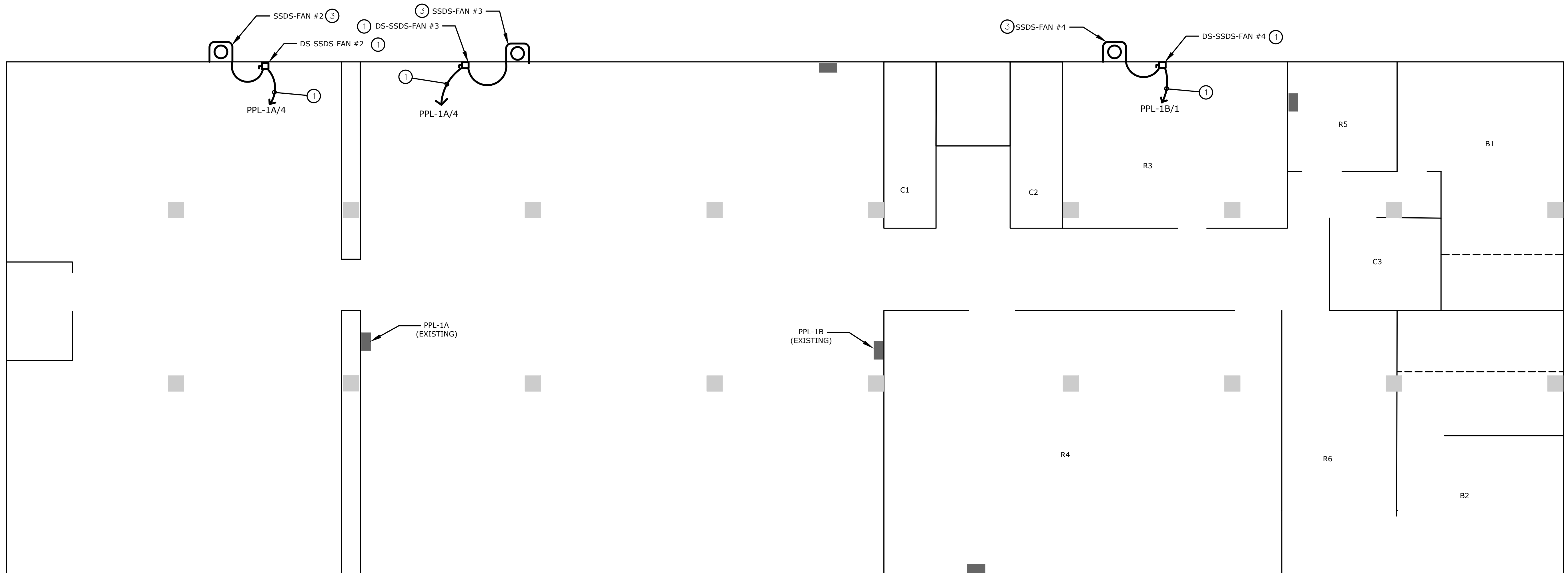
DRAWING LOCATION
LOCKPORT, NY

②

②



- INSTALLATION NOTES:




PRELIMINARY
NOT FOR
CONSTRUCTION



A	10/02/2023	ISSUED FOR REVIEW	
NO.	DATE	REVISION	INT

DESIGNER / PROFESSIONAL ENGINEER RESPONSIBLE	
E. MILES	
<hr/>	
DESIGNED BY	PROJECT NO.
M. WHALON	1940102945-002
CHECKED BY	DATE
D. LEMONCELLI	OCTOBER 2023
DRAWN BY	
K. MONETTE	

CERTIFICATE OF AUTHORIZATION: 17993
RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC.
 323 W. WASHINGTON ST. SYRACUSE, NY 13202



PROJECT
**HARRISON PLACE VAPOR
INTRUSION MITIGATION**

ADDRESS
210 WALNUT ST, LOCKPORT NY, 14094

SHEET DESCRIPTION
BUILDING 1 - SECOND FLOOR PLAN

DRAWING LOCATION
LOCKPORT, NY

SAVED: 10/27/23 9:11 AM

C:\USERS\KMONETTE\ONE DRIVE - RAMBOLL\DESKTOP\DWG-E-104 HARRISON PLACE BUILDING 2.DWG

PANEL SCHEDULE

PANEL BOARD_PP-2A

RATINGS125

MAIN LUGS#

MAIN CIRCUIT BREAKER#

LOCATION_SUITE 52

AMPS_120/240

CB. INTERRUPTING RATING#

AMPS

INSTALLATION_SURFACE

WIRE_60

PANEL SIZE20 SPACES

HZ.

GRD. BAR

①

DESCRIPTION	LOAD W-KW-HF	CB. AMPS	CIR	1	N	2	CIR	CB. AMPS	LOAD W-KW-HF	DESCRIPTION
UNIT HEATER		20	1	●	●	2	20			OUTLETS
SSDS-FANS #6 & #15		20	3	●	●	4	20			LIGHTS
SPACE			5	●	●	6				SPACE
SPACE			7	●	●	8				SPACE
SPACE			9	●	●	10				SPACE
SPACE			11	●	●	12				SPACE
SPACE			13	●	●	14				SPACE
SPACE			15	●	●	16				SPACE
SPACE			17	●	●	18				SPACE
SPACE			19	●	●	20				SPACE

PANEL SCHEDULE

PANEL BOARD_PP-2B

LOCATION SUITE 40

INSTALLATION SURFACE

RATINGS #

AMPS 120/240

VOLTS 1

PH 3

WIRE, 60

HZ.

GRD. BAR ①

MAIN LUGS 225

CB. INTERRUPTING RATING 10,000

RMS. SYMM. AMPS

MAIN CIRCUIT BREAKER 100

AMPS

CONNECTED LOAD -

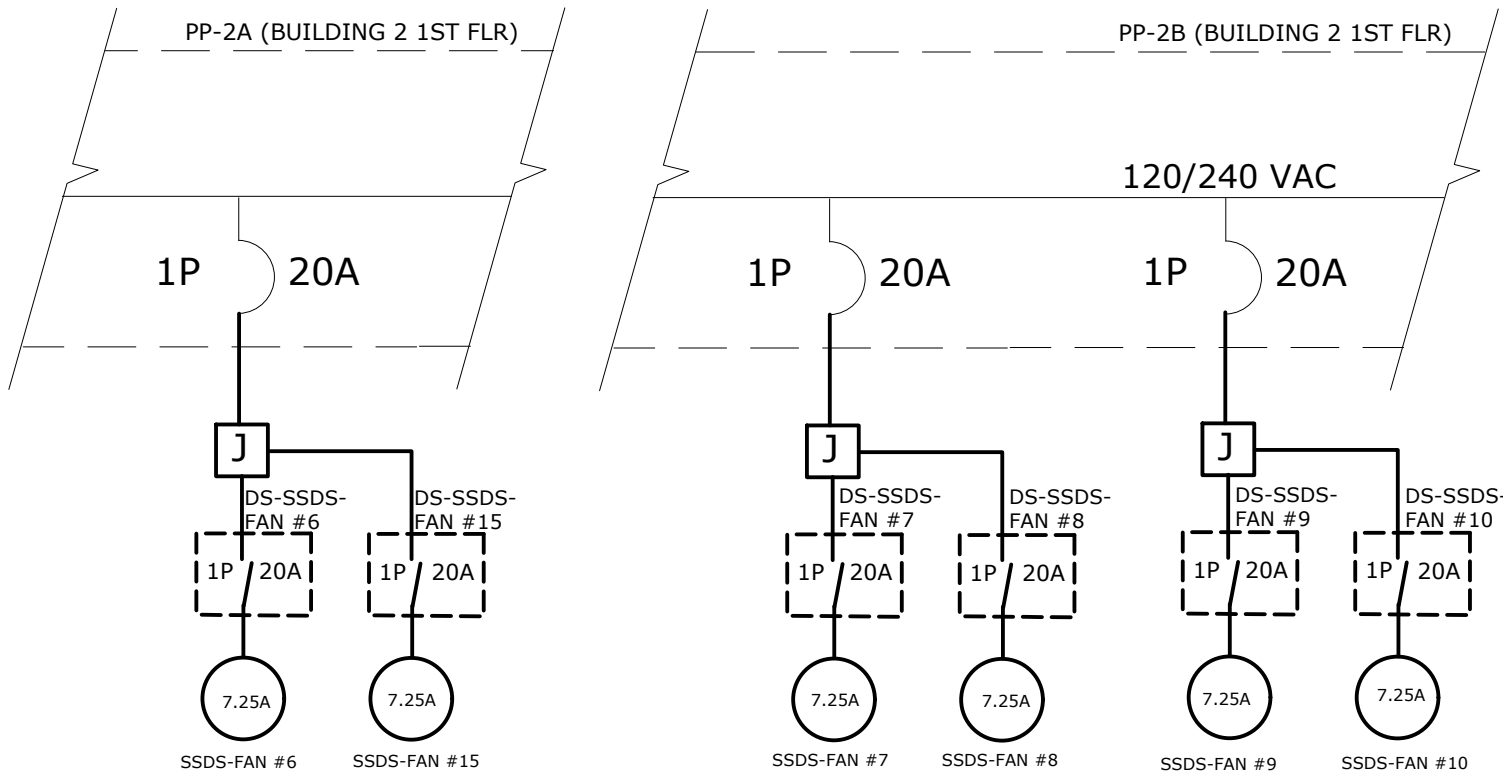
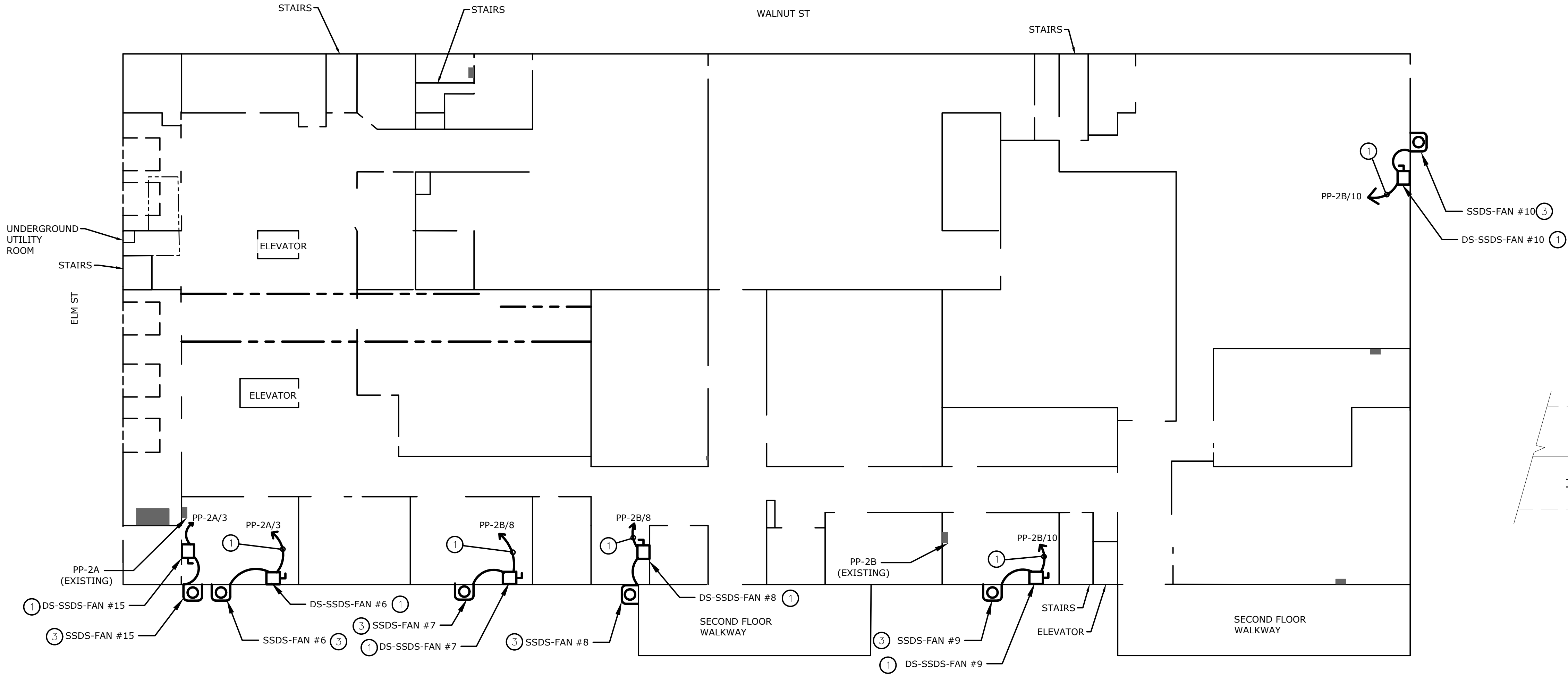
KW,

PANEL SIZE 30

SPACES

DESCRIPTION	LOAD W-KW-HF	CB. AMPS	CIR	1	N	2	CIR	CB. AMPS	LOAD W-KW-HF	DESCRIPTION
MAIN		100	1				2	20		PLUGS
			3				4	20		LIGHTS
			5				6	20		HEATER
COMPRESSOR		30	7				8	20		SSDS-FANS #7 & #8
COMPRESSOR		30	9				10	20		SSDS-FANS #9 & #10
COMPRESSOR		30	11				12			SPACE
DRYER		20	13				14			SPACE
SPACE			15				16			SPACE
COMPRESSOR		20	17				18			SPACE
HOT WATER		20	19				20			SPACE
SPACE			21				22			SPACE
SPACE			23				24			SPACE
SPACE			25				26			SPACE
SPACE			27				28			SPACE
SPACE			29				30			SPACE

- GENERAL NOTES
- COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO CONSTRUCTION.
 - REFER TO CIVIL DRAWING FOR MORE DETAIL.
 - ALL CONDUIT AND CONDUCTORS TO BE #12 AWG AND 3/4" EMT UNLESS OTHERWISE NOTED.
- INSTALLATION NOTES:
- ① PROVIDE 2#12-1#12 GND IN 3/4" EMT TO ASSOCIATED PANEL. PROVIDE 1P/20A DISCONNECT SWITCH WITH LOCKABLE COVER INSIDE BUILDING AT EACH FAN.
 - ② PROVIDED 1P/20A CIRCUIT BREAKER IN LOCATION SHOWN. MATCH EXISTING PANEL MANUFACTURER AND RATING.
 - ③ REFER TO DRAWING C-501 AND C-502 FOR ADDITIONAL FAN MOUNTING AND INSTALLATION DETAILS.



BUILDING 2 - FIRST FLOOR PLAN

BUILDING 2 - ONE-LINE DIAGRAM

PRELIMINARY
NOT FOR
CONSTRUCTION

DATE: 10/27/2023



CLIENT		DESIGNER / PROFESSIONAL ENGINEER RESPONSIBLE	
		E. MILES	
		DESIGNED BY M. WHALON	
		CHECKED BY D. LEMONCELLI	
		DRAWN BY K. MONETTE	
A	10/02/2023	ISSUED FOR REVIEW	
NO.	DATE	REVISION	INT.

CERTIFICATE OF AUTHORIZATION: 17993	
RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC.	
333 W. WASHINGTON ST. SYRACUSE, NY 13202	
PROJECT HARRISON PLACE VAPOR INTRUSTION MITIGATION	
ADDRESS 210 WALNUT ST, LOCKPORT NY, 14094	

PROJECT HARRISON PLACE VAPOR INTRUSTION MITIGATION	
ADDRESS 210 WALNUT ST, LOCKPORT NY, 14094	

SHEET DESCRIPTION	
BUILDING 2 - FIRST FLOOR PLAN	
DRAWING LOCATION LOCKPORT, NY	

SHEET DESCRIPTION	
BUILDING 2 - FIRST FLOOR PLAN	
DRAWING LOCATION LOCKPORT, NY	



- E-105