

Pfeiffer, Jane K - DNR

From: Pratap Singh <psingh@ksinghengineering.com>
Sent: Friday, September 22, 2023 5:43 PM
To: Pfeiffer, Jane K - DNR
Cc: Shane LaFave; Que El-Amin; Robert Fedorchak; Robert Reineke; Angy Singh
Subject: FW: Community Within the Corridor (CWC) - East Block (02-41-263675) - Comments on Soil Sampling Plan
Attachments: Figure 5. Sampling Locations.pdf; Figure 4. North Mechanical Room Additional Excavation Area.pdf
Follow Up Flag: Follow up
Flag Status: Completed

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Hi Jane,

Please find below a summary of questions [in blue](#) from your email of September 22, 2023, and our responses.

- [In the “Proposed Additional Soil Sampling Plan” section of the Plan, K. Singh provides the pre-excavation soil sample intervals. Clarify whether these samples are to be collected from the impacted soil and not from the clean, imported fill that was used during recent redevelopment activities. Clarify the depth below ground surface that the samples will be collected.](#)

Response: As indicated in the first paragraph of the sampling plan, soil samples will be collected from native soils at least six inches to 1 foot below the top surface.

- [Figure 5 of the Plan shows eighteen soil sample locations near sample location HS-5 and the “Proposed Additional Soil Sampling Plan” section of the Plan indicates that there will be a total of 24 pre-excavation soil samples collected near HS-5. Confirm the total number of sample locations near HS-5 and the exact locations from where these will be collected. Update Figure 5 as may be necessary to be consistent with the narrative presented in the Plan.](#)

Response: Please find an updated Figure 5 attached which shows an updated plan. We have also prepared an additional Table 2 to summarize testing as follows.

Table 2.			
Summary of Proposed Additional Sampling			
Community Within the Corridor - East Block			
Area	Hazardous Waste Screening (0.5 to 1')*	Confirmatory Sample (3 to 4') Pre-Excavation	Residual Contamination (6 to 8' sample)
1050	2	2	2

Northern Mechanical Room	2	2	2
South Hall	2	2	2
1048	2	2	2
1056	2	2	2
1049	2	2	2
North Hall	2	2	2
Stairwell 4	2	2	2
Total No. of Samples	16	16	16

*Northern Mechanical Room samples for hazardous waste characterization will be collected between 1 and 3 feet below soil surface. (Refer to Figure 4 for locations)

We have eliminated screening testing to avoid confusion. Ten locations are located near HS-5 where soil samples will be collected at intervals of 0.5 to 1 foot, 3 to 4 foot, and 6 to 8 foot in native soils. The 0.5 to 1 foot interval will be used for waste screening. The 3 to 4 foot interval will be used as a confirmatory sample for the excavations in lieu of sampling during excavation activities. And the 6 to 8 foot interval will be used to estimate residual contamination mass. We intend to use a geoprobe to collect these samples.

Also, per your request, we have added two samples each from the Northern Mechanical Room and Unit 1050 to the sampling program.

The 0.5 to 1 foot samples will be analyzed on an accelerated basis. Any sample that has more than 10 mg/kg TCE in the top 4 feet will be tested for TCLP VOCs for TCE.

We intend to perform this sampling beginning on Monday, September 25, 2023. Please let us know if you have any questions or concerns.

Pratap N. Singh, Ph.D., PE

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NEW WORK PLAN KEY NOTES - 1/8" PLANS

SEE PROJECT GENERAL CONDITIONS, GENERAL INFORMATION ON SHEET A01 AND SELECTIVE DEMOLITION, CUTTING AND PATCHING SPECIFICATIONS THAT ARE USED IN ASSOCIATION WITH THESE NOTES.

NEW WORK PLAN KEY NOTES APPLY TO ALL NEW WORK DRAWINGS AND MAY NOT BE USED ON EVERY SHEET.

001	SEE UNIT 1025 ENLARGED PLAN.
002	SEE UNIT 1026 ENLARGED PLAN.
003	SEE UNIT 1028 ENLARGED PLAN. UNIT MAY BE MIRRORRED.
004	SEE UNIT 1037 ENLARGED PLAN.
005	SEE UNIT 1039 ENLARGED PLAN.
006	SEE UNIT 1040 ENLARGED PLAN.
007	SEE UNIT 1041 ENLARGED PLAN.
008	SEE UNIT 1042 ENLARGED PLAN.
009	EXISTING HISTORIC SLIDING FIRE DOOR ASSEMBLY TO REMAIN. SECURE SLIDING DOOR IN A PARTIALLY CLOSED POSITION WITH METAL Z-BRACKETS. SEE PLAN FOR POSITION. SEE SALVAGED DOOR SCHEDULE FOR MORE INFO.
010	SEE UNIT 1045 ENLARGED PLAN.
011	SEE UNIT 1050 ENLARGED PLAN. UNIT MAY BE MIRRORRED.
012	SEE UNIT 2014 ENLARGED PLAN.
013	SEE UNIT 2015 ENLARGED PLAN.
014	SEE UNIT 2016 ENLARGED PLAN.
015	SEE UNIT 2017 ENLARGED PLAN.
016	SEE UNIT 2020 ENLARGED PLAN.
017	SEE UNIT 2021 ENLARGED PLAN.
018	SEE UNIT 2023 ENLARGED PLAN.
019	SEE UNIT 2025 ENLARGED PLAN. UNIT MAY BE MIRRORRED.
020	SEE UNIT 2028 ENLARGED PLAN. UNIT MAY BE MIRRORRED.
021	SEE UNIT 2070 ENLARGED PLAN. UNIT TYPE IS A STUDIO ON LEVEL 03.
022	SEE UNIT 2071 ENLARGED PLAN.
023	SEE UNIT 2077 ENLARGED PLAN.
024	SEE UNIT 2079 ENLARGED PLAN.
025	SEE UNIT 2082 ENLARGED PLAN. FOR UNIT 3082. SEE UNIT 2082 ENLARGED PLAN.
026	SEE UNIT 2082 ENLARGED PLAN.
027	SEE UNIT 2083 ENLARGED PLAN.
028	SEE UNIT 2084 ENLARGED PLAN. UNIT MAY BE MIRRORRED.

NEW WORK PLAN KEY NOTES - 1/8" PLANS

SEE PROJECT GENERAL CONDITIONS, GENERAL INFORMATION ON SHEET A01 AND SELECTIVE DEMOLITION, CUTTING AND PATCHING SPECIFICATIONS THAT ARE USED IN ASSOCIATION WITH THESE NOTES.

NEW WORK PLAN KEY NOTES APPLY TO ALL NEW WORK DRAWINGS AND MAY NOT BE USED ON EVERY SHEET.

029	SEE UNIT 2085 ENLARGED PLAN. UNIT MAY BE MIRRORRED.
030	SEE UNIT 2111 ENLARGED PLAN. FOR UNIT 3110. SEE UNIT 2110.
031	SEE UNIT 2111 ENLARGED PLAN.
032	UNIT TO INCLUDE AUDIO AND VISUAL ALARM DEVICES FOR THE HEARING AND VISUALLY IMPAIRED. COORDINATE LOCATION WITH ELECTRICAL DRAWINGS.
033	EXISTING HISTORIC SLIDING FIRE DOOR ASSEMBLY TO REMAIN IN PLACE. SECURE SLIDING DOOR IN A FULLY OPEN POSITION WITH METAL Z-BRACKETS. SEE SALVAGED DOOR SCHEDULE FOR MORE INFO.
034	NEW GYPSUM BOARD INFILL WALL ASSEMBLY AT EXISTING OPENING. SEE 3A710E.
035	EXISTING HISTORIC WINDOW ASSEMBLY TO REMAIN. PREPARE EXISTING WINDOW FOR NEW PAINT FINISH. REPLACE DAMAGED OR MISSING GLAZING TO MATCH EXISTING.
036	NEW CMU INFILL WALL ASSEMBLY AT EXISTING OPENING. SEE 3A710E.
037	NEW METAL PANEL INFILL WALL ASSEMBLY AT EXISTING OPENING. SEE 3A510E.
038	NEW BRICK AND CMU INFILL AT EXISTING WALL OPENING.
039	NEW BRICK MASONRY INFILL WALL ASSEMBLY AT EXISTING OPENING. SEE 3A710E.
040	EXISTING CONCRETE FLOOR WITH NEW WATERPROOFING/TRAFFIC COATING.
041	EXISTING HISTORIC SLIDING FIRE DOOR ASSEMBLY TO REMAIN. SECURE SLIDING DOOR IN A CLOSED POSITION WITH METAL Z-BRACKETS. SEE SALVAGED DOOR SCHEDULE FOR MORE INFO.
042	NEW BRICK MASONRY AND GYPSUM BOARD INFILL WALL ASSEMBLY AT EXISTING OPENING. SEE 3A710E.
043	NEW CMU AND GYPSUM BOARD INFILL WALL ASSEMBLY AT EXISTING OPENING. SEE 3A710E.
044	NEW WOOD FLOOR INFILL. NEW WOOD FRAMING TO MATCH EXISTING. NEW WOOD SUBFLOORING TO MATCH DIMENSIONS OF EXISTING AND TO RUN IN THE SAME DIRECTIONS EXISTING. REINSTALL EXISTING SALVAGED FINISH FLOORING. RUN IN THE SAME DIRECTION AS EXISTING. SEE STRUCTURAL FOR DETAILING.
045	NEW CONCRETE ON METAL DECK INFILL WITH GRAY APPLIED FIRE RESISTIVE MATERIAL AT NEW STEEL BEAMS AND ANGLES TO MATCH FLOOR ASSEMBLY FIRE RATING. SEE OVERVIEW/FLOOR PLANS FOR REQUIRED FLOOR ASSEMBLY FIRE RATINGS. SEE STRUCTURAL FOR DETAIL.
046	NEW CONCRETE FLOOR INFILL. SEE STRUCTURAL.
047	NEW PREFINISHED METAL MECHANICAL LOCKER IN EXISTING MASONRY OPENING.
048	ENTIRE EXISTING HISTORIC WOOD DOOR ASSEMBLY INCLUDING ALL EXTERIOR AND INTERIOR WOOD TRIM COMPONENTS TO REMAIN. ALL WOOD COMPONENTS TO BE SANDED, REPLACED IN KIND AND PREPARED FOR NEW FINISHES THAT MATCH EXISTING FINISHES. ANY MISSING WOOD COMPONENTS (DOOR ASSEMBLY, INTERIOR EXTERIOR TRIM COMPONENTS) TO BE REPLACED WITH SIMILAR WOOD SPECIES AND TO MATCH EXISTING PROFILES THAT REMAIN. ALL EXISTING DOOR HARDWARE TO BE REMOVED, SANDED AND PREPARED FOR NEW FINISH AND REINSTALLATION.

NEW WORK PLAN KEY NOTES - 1/8" PLANS(2)

SEE PROJECT GENERAL CONDITIONS, GENERAL INFORMATION ON SHEET A01 AND SELECTIVE DEMOLITION, CUTTING AND PATCHING SPECIFICATIONS THAT ARE USED IN ASSOCIATION WITH THESE NOTES.

NEW WORK PLAN KEY NOTES APPLY TO ALL NEW WORK DRAWINGS AND MAY NOT BE USED ON EVERY SHEET.

049	EXISTING HISTORIC WINDOW ASSEMBLY TO REMAIN. CLEAN/SCRAPE/PREPARE EXISTING WINDOW FRAMES TO RECEIVE NEW PAINT. EXISTING GLAZING TO BE REMOVED.
050	REPLACE ALL BROKEN/CRAKED AND MISSING GLASS LITES AT HISTORIC LIGHT MONITOR.
051	NEW GYPSUM BOARD INFILL WALL ASSEMBLY AT EXISTING OPENING TO BE 3 HOUR FIRE RATED. SEE 10A710E SIM.
052	EXISTING HISTORIC WINDOW ASSEMBLY TO REMAIN. PREPARE EXISTING WINDOW FOR NEW PAINT FINISH. EXISTING GLAZING TO REMAIN. NEW GLAZING NOT REQUIRED.
053	EXISTING HISTORIC DOOR ASSEMBLY TO REMAIN. PREPARE EXISTING DOOR ASSEMBLY FOR NEW PAINT FINISH.
054	ALIGN DEMISING WALL WITH EDGE OF HISTORIC MASONRY OPENING.
055	ALIGN CENTER OF WALL WITH CENTERLINE OF HISTORIC COLUMN.
056	AT LEVEL 02: ALIGN EDGE OF DEMISING WALL WITH EDGE OF HISTORIC CONCRETE DROP SLAB. AT LEVEL 03: ALIGN EDGE OF DEMISING WALL WITH EDGE OF HISTORIC CONCRETE DROP SLAB AS IT OCCURS ON THE LEVEL BELOW.
057	ALIGN CENTERLINE OF WALL WITH CENTERLINE OF WINDOW MULLION.
058	CRITICAL KITCHEN CLEARANCES AT HISTORIC COLUMN. VERIFY BEFORE FRAMING DEMISING WALLS AND REPORT TO ARCHITECT IF THERE ARE ANY ISSUES.
059	EXISTING HISTORIC DOOR ASSEMBLY TO REMAIN. PERMANENTLY SECURE BOTH DOORS IN CLOSED POSITION. PREPARE EXISTING DOOR ASSEMBLY FOR NEW PAINT FINISH.
060	EXISTING HISTORIC OPENING AT REMOVED WINDOW. SEE DEMOLITION PLANS FOR ADDITIONAL INFORMATION.
061	NEW CMU WALL TO CLOSE OFF FILLED IN UNDERGROUND TUNNEL. SEE STRUCTURAL.
062	EXTEND WALL TO DEMISING WALL. TYP. SHIFT ANY PLUMBING FIXTURES OR CLOSETS AGAINST DEMISING WALL.
063	EXISTING TRANSOM WINDOW ABOVE TO REMAIN. PREPARE SURFACES FOR NEW PAINT. EXISTING DOOR FRAME TO REMAIN. PREPARE SURFACES FOR NEW PAINT.
064	NEW CONCRETE AREA WELL WALLS. SEE STRUCTURAL.
065	BUILD WALL TYPE PER UNIT DEMISING WALL WITH RESILIENT CHANNEL ON THIS SIDE.
066	NEW CONCRETE STOP WITH FROST WALLS. SEE STRUCTURAL.
067	NEW BRICK MASONRY WALL REBUILT WITH SALVAGED AND NEW BRICK TO MATCH EXISTING. REBUILT WALL TO MATCH FEATURES OF EXISTING. REMOVED BRICK MASONRY WALL INCLUDING, BUT NOT LIMITED TO WIDTH/DEPTH OF REMOVED WALL, HEIGHT OF REBUILT WALL AND ALL ARCHES ABOVE EXISTING WINDOW OPENINGS.
068	EXISTING HANDRAILS TO REMAIN. REFASTEN EXISTING HANDRAILS TO EXISTING WALLS IF LOOSE OR FAILING. PREPARE EXISTING HANDRAILS FOR NEW PT.
069	NEW 4" PAINTED FLOOR STRIPING LEADING TO EXIT STAR.
070	NEW 1/2" DIA. 12" FULL METAL BAILING WITH ONE TOP RAIL. PAINT PT.
071	REBUILT IN KIND (SIZE, SPECIES AND INSTALLATION DIRECTION) ALL ROTTED AND DETERIORATED WOOD FLOORING AFTER EXISTING STEEL PLATES ARE REMOVED. ENTIRE LOADING DOCK WOOD FLOORING TO BE SANDED AND PREPARED FOR NEW TRANSPARENT FINISH COATING.
072	NEW SLOPED/FATHERED POLISHED EPOXY FLOOR TOPPING TO TRANSITION AT FLOOR ELEVATION CHANGE. SLOPE AT 1:20.

GENERAL FLOOR PLAN NOTES TO CONTRACTOR

- THIS DRAWING IS FURTHER SUPPORTED BY INFORMATION CONTAINED IN THE SPECIFICATION MANUAL.
- DO NOT SCALE DRAWINGS. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO COMMENCING CONSTRUCTION.
- FINISH FLOOR ELEVATIONS ARE TO THE TOP OF THE FINISHED FLOOR MATERIAL UNLESS OTHERWISE NOTED.
- CONTRACTORS SHALL JOINTLY PROVIDE AND INSTALL ALL STIFFENERS, BRACING, BACKING PLATES, WALL BLOCKING AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF CASEWORK, TOILET ACCESSORIES, PARTITIONS, MILLWORK, AND ALL WORK MOUNTED OR SUSPENDED BY ALL TRADES.
- SEE SHEET A002 FOR PARTITION TYPES AND DETAILS.
- DIMENSIONS AT EXTERIOR WALLS ARE TO STRUCTURAL WALL ONLY AND DO NOT INCLUDE FINISHES. DIMENSIONS AT EXTERIOR WALLS ARE TO STRUCTURAL WALL ONLY AND DO NOT INCLUDE FINISHES.

GENERAL INFORMATION NOTES TO CONTRACTOR

- THESE DRAWINGS ARE DIAGRAMMATIC AND SHOW THE INTENT OF THE PROJECT, BUT DO NOT NECESSARILY INDICATE ALL MATERIALS OR METHODS OF CONSTRUCTION. ALL CONTRACTORS ARE RESPONSIBLE TO REVIEW THE DOCUMENTS THOROUGHLY, AND FOR PROVIDING ALL MATERIALS AND MEANS OF CONSTRUCTION NECESSARY FOR THE COMPLETION OF THE WORK IN ACCORDANCE WITH THE INTENT OF THE DRAWINGS.
- ALL WORK OF ALL TRADES SHALL BE COMPLETED IN ACCORDANCE WITH ALL LOCAL GOVERNING CODES AND ORDINANCES.
- EACH CONTRACTOR SHALL COORDINATE THEIR WORK WITH THE OWNER, THE OWNER'S OTHER CONTRACTORS, AND ALL OTHERS AT THE SITE.
- EACH CONTRACTOR IS TO OBTAIN AND PAY FOR PERMITS, LICENSES, FEES, ETC. AS REQUIRED FOR THE COMPLETION OF THEIR PORTION OF WORK.
- EACH CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE SITE TO SATISFY THEIR EXECUTION OF THE WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT. NEITHER THE OWNER NOR THE ARCHITECT ASSUMES RESPONSIBILITY FOR CONDITIONS OR DIMENSIONS SHOWN AS EXISTING.
- IF ANY CONTRACTOR OBSERVES THAT ANY OF THE CONTRACT DOCUMENTS ARE AT VARIANCE WITH APPLICABLE LAWS, STATUTES, BUILDING CODES, OR ORDINANCES, THEY SHALL PROMPTLY NOTIFY THE ARCHITECT.
- ALL HOLES FOR PLUMBING, ELECTRICAL, HVAC, FIRE PROTECTION CONDUIT, PIPING, OR DUCTWORK ARE TO BE REPAIRED BY THE ASSOCIATED TRADE.
- ALL TRADES SHALL TAKE CARE TO MAKE HOLES ONLY AS LARGE AS NECESSARY. ALL HOLES SHALL BE NEATLY CUT. DO NOT PUNCH OR POUND HOLES IN WALLS OR ROOF DECK.
- ANY HOLES OR PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE APPROPRIATELY FIRE STOPPED, DAMPENED, OR SEALED AS REQUIRED BY CODE.
- EACH CONTRACTOR SHALL INCLUDE NECESSARY DEMOLITION AND REMOVAL OF ALL MATERIAL AS REQUIRED TO PERFORM THEIR WORK.
- REMOVAL OF ALL HAZARDOUS CONTAINING MATERIALS IS THE SOLE RESPONSIBILITY OF THE OWNER. SHOULD ANY MATERIALS BE ENCOUNTERED DURING ANY OF THE CONSTRUCTION PHASES CONTAINING, OR SUSPECTED TO BE HAZARDOUS, CONTRACTOR SHALL STOP WORK IMMEDIATELY AND NOTIFY OWNER AND ARCHITECT.
- DO NOT SCALE DRAWINGS.
- EACH CONTRACTOR SHALL PATCH, LEVEL, AND PREPARE ALL WALLS AND FLOORS AS SCHEDULED AND REQUIRED TO RECEIVE NEW FINISHES.

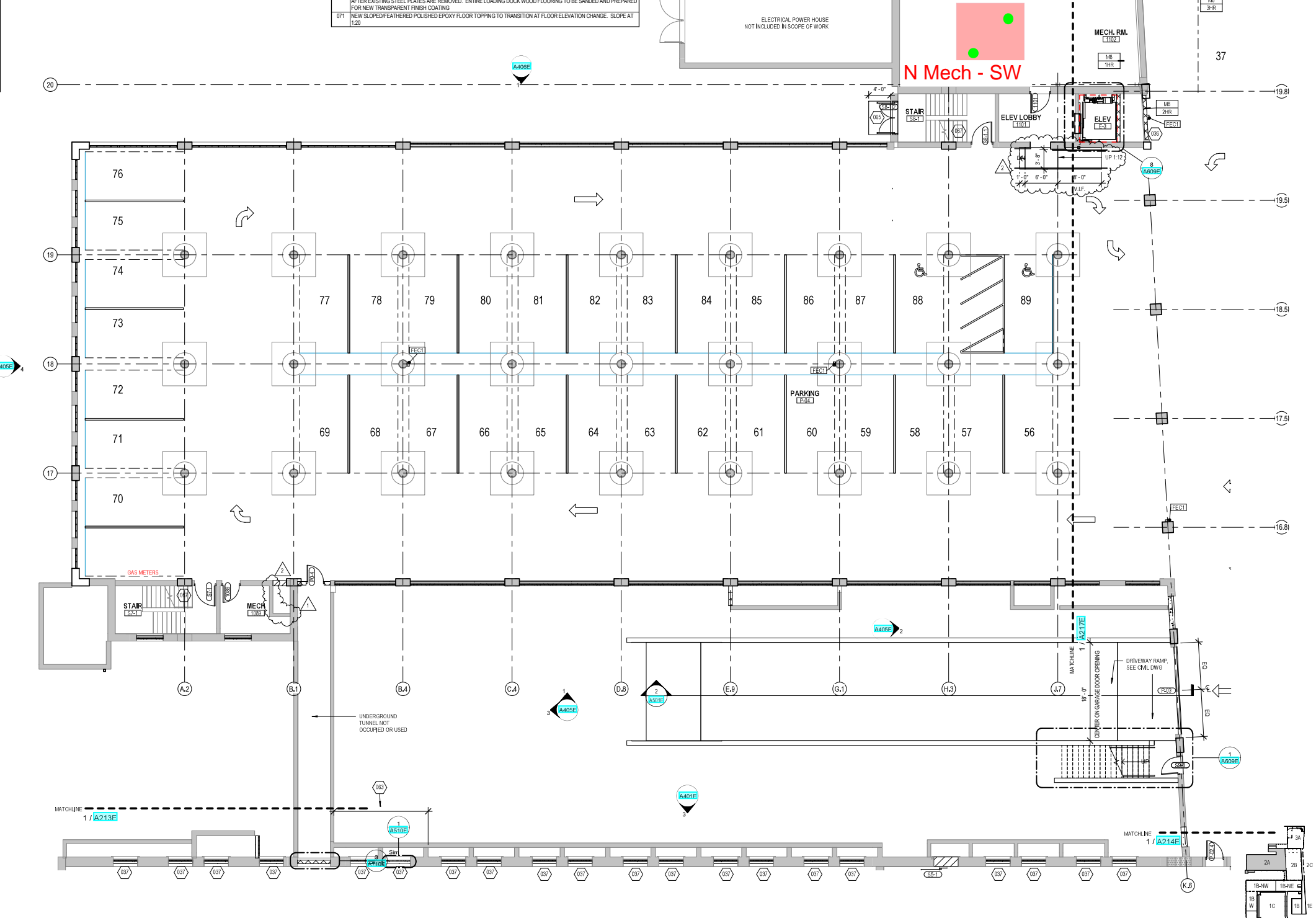
NEW WORK PLAN LEGEND

	EXISTING TO REMAIN
	MASONRY PARTITION. SEE PARTITION TYPES FOR DETAILS
	METAL STUD PARTITION. SEE PARTITION TYPES FOR DETAILS TYPE
	METAL STUD PARTITION. SEE PARTITION TYPES FOR DETAILS TYPE
	NEW WORK KEY NOTE (GENERAL TO ROOM)

U.N.O. A3
 U.N.O. 1HR.-A
 U.N.O. A3
 U.N.O. 1HR.-A

Excavation to 4 Feet

Soil Sample Location



1 NEW WORK PLAN - LEVEL 01, BLDG 2A
Scale: 1/8" = 1'-0"



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CONSULTANTS

COMMUNITY WITHIN THE CORRIDOR - EAST BLOCK

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SHEET TITLE: Figure 4. Proposed Area of Additional Excavation (Northern Mechanical Room)

REVISIONS

1	10/09/20	Addendum #1
2	10/13/20	Addendum #2

SCALE	VARES
PROJECT NUMBER	200102
SET TYPE	CONSTRUCTION DOCUMENTS
DATE ISSUED	09/25/20
SHEET NUMBER	A216E

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