

Pfeiffer, Jane K - DNR

From: Robert Reineke <rreineke@ksinghengineering.com>
Sent: Friday, December 15, 2023 3:04 PM
To: Pfeiffer, Jane K - DNR
Cc: Pratap Singh; Angy Singh; Shane LaFave; Sameer Neve
Subject: RE: CWC East Block: Plan for Temporary Storage of Hazardous Waste
Attachments: Figure 1A- CVOC (N).pdf

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Jane,

As requested, please find a drawing showing TCE on the northern portion of CWC – Block.

Please let us know if you need anything further.

Robert Reineke, PE

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From: Robert Reineke
Sent: Friday, December 15, 2023 2:18 PM
To: Pfeiffer, Jane K - DNR <jane.pfeiffer@wisconsin.gov>
Cc: Pratap Singh <psingh@ksinghengineering.com>; Angy Singh <angy.singh@ksinghengineering.com>; Shane LaFave <Shane@roerscompanies.com>; Sameer Neve <sneve@ksinghengineering.com>
Subject: FW: CWC East Block: Plan for Temporary Storage of Hazardous Waste

Dear Jane,

We would like to submit a request for approval of temporary storage of hazardous soils in the Northern Parking Lot of CWC East Block. As a clarification, CWC would like to use the Area of Contamination in RCRA for management of hazardous soils. The attached Figures show the limits of the Area of Contamination. Figure 1 shows the extent of TCE contaminated soils within the East Block buildings in the Area of Contamination. Figure 2 shows the area where hazardous soil excavation will take place within the Area of Contamination. Below please find a reference map showing the location of temporary storage of hazardous soils which is supplemented by Figure 3 which also shows the Area of Contamination. The vertical extent of excavation will range from 4-5 feet. Please note that the excavated soils are not being treated onsite. We are strictly proposing temporary storage before loading on the hauling trucks for disposal.



The plan for storage is as follows:

1. An area of approximately 30 feet by 50 feet will be used to temporarily store hazardous soils. The existing surface is a recently renovated asphalt parking lot.
2. A tarp will be placed on the surface of the 30x50 area in the parking lot.
3. Sheets of plywood covering 30x50 feet will be placed on top of the tarp.
4. An 8" berm of wood will be constructed on the perimeter.
5. The wooden berm will be covered with the underlying tarp and secured to contain any snow/rain.
6. Contaminated soil will be placed inside the berm area.
7. Soil will be covered with a double layer of tarp and anchored in the asphalt at multiple locations.
8. Soil will be removed after excavation is complete from the temporary storage area by US Ecology and hauled off.

Soil excavation and hauling will be completed in the next 2-3 weeks. Please note that this submittal is an amendment to our Remedial Actions Options Report and is certified under this report. We would appreciate your timely approval. Please let us know if you have any questions or need any additional information.

Thank you,

Robert Reineke, PE
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PROJECT TITLE: SITE INVESTIGATION REPORT
COMMUNITY WITHIN THE CORRIDOR
2748 N. 32nd Street
MILWAUKEE, WI 53210
PROJECT NUMBER: 40449

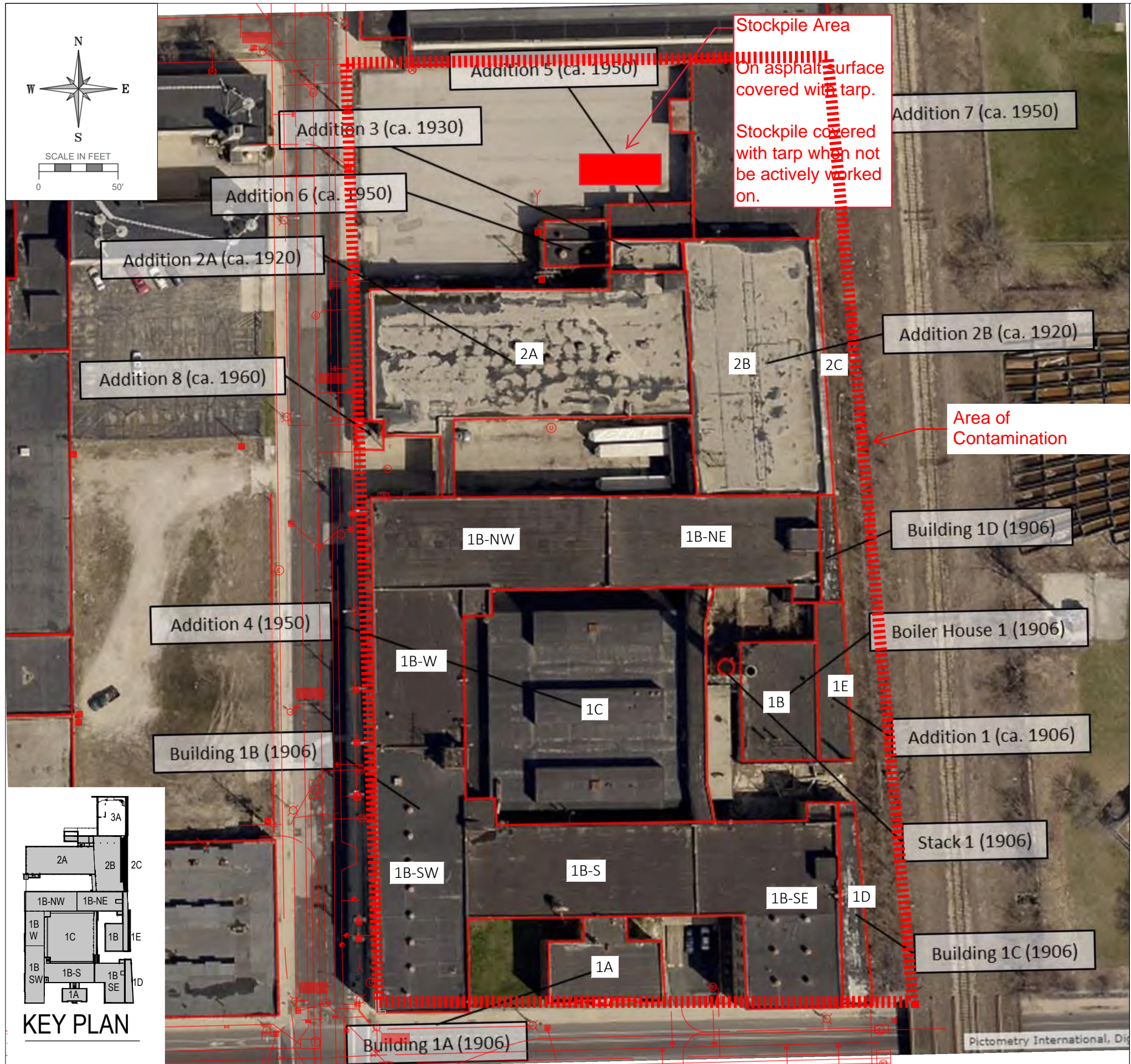
CLIENT:
COMMUNITY WITHIN THE CORRIDOR LIMITED
PARTNERSHIP

REVISIONS	DATE	DESCRIPTION

DRAWN BY AMZ	DATE 10/04/2021
CHECKED BY DKP	DATE 10/04/2021

SHEET TITLE
STACKPILE LOCATION MAP

FIGURE 3



- Property Boundary
- SECTION CORNER MONUMENT
- EX. CHISELED CROSS FOUND
- EX. IRON ROD FOUND
- EX. IRON PIPE FOUND
- EX. CITY OR SITE BENCHMARK
- EX. STORM MANHOLE
- EX. CATCH BASIN ROUND
- EX. CATCH BASIN SQUARE
- EX. FLOOD LAMP
- EX. BOLLARD LIGHT
- EX. FLAG POLE
- EX. GAS VALVE
- EX. AIR CONDITIONER
- EX. ELECTRIC METER
- EX. GAS METER
- EX. ELECTRIC PEDESTAL
- EX. TELEPHONE PEDESTAL
- EX. CLEANOUT
- EX. POWER POLE
- EX. POWER / TELEPHONE POLE
- EX. MONITORING WELL OR CORING
- EX. MAILBOX
- EX. SANITARY MANHOLE
- EX. UNKNOWN MANHOLE
- EX. COMBINED SEWER MANHOLE
- EX. ELECTRIC MANHOLE
- EX. ELECTRIC TRANSFORMER
- EX. TELEPHONE MANHOLE
- EX. GUY WIRE
- EX. LIGHT POLE
- EX. SIGN
- EX. BOLLARD (BOL)
- EX. WATER VALVE
- EX. HYDRANT
- EX. SIAMESE HYDRANT
- OH EX. OVERHEAD WIRES
- BES EX. BUREAU OF ELECTRICAL SERVICES
- CUC EX. UG. COMBINED SEWER
- COM EX. UG. COMMUNICATIONS
- T EX. UG. TELEPHONE
- E EX. UG. GAS
- G EX. UG. ELECTRIC
- FIB EX. UG. FIBER OPTICS
- SS EX. UG. CABLE TELEVISION
- SS EX. SANITARY SEWER (SAN)
- ST EX. STORM SEWER (STO)
- W EX. WATER MAIN
- EX. TREE LINE
- X EX. FENCE LINE
- XXXXXXXXXXXXXXXX EX. RETAINING WALL
- O EX. STEEL RAILING
- 92 EX. 1-FOOT CONTOUR
- 105 - EX. 5-FOOT CONTOUR
- SF PROP. STRAW WATTLE
- PROP. SILT FENCE
- UNDERGROUND COMBUSTIBLE GAS LINE

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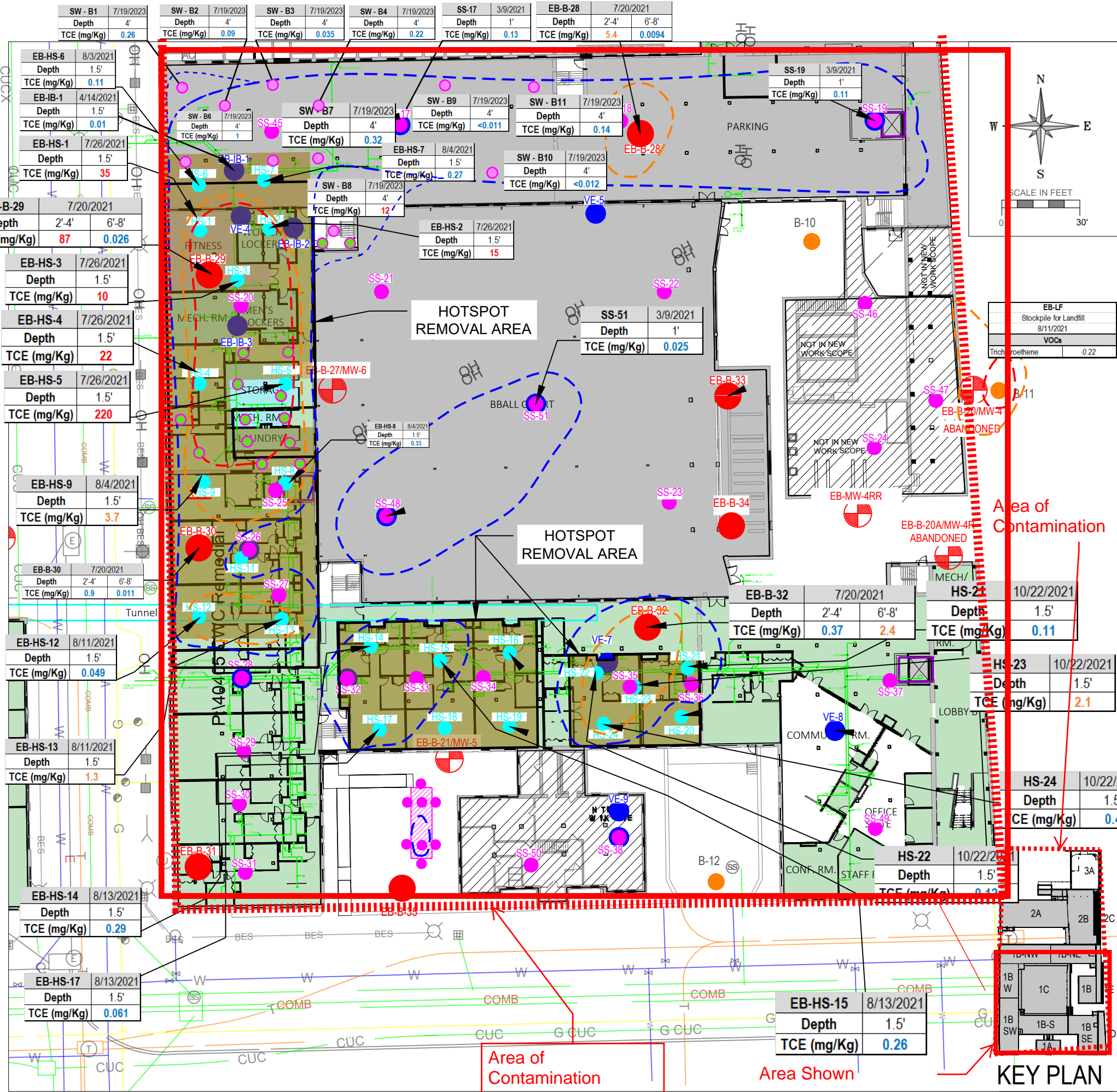
CLIENT:
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REVISIONS	DATE	DESCRIPTION

DRAWN BY	DATE
JDS	04/02/2023
CHECKED BY	DATE
RTR	04/02/2023

SHEET TITLE
POST-REMEDIATION ACTION SOIL
CONTAMINATION
ISO-CONCENTRATION MAP (SOUTH)

FIGURE 1



FLOOR FINISH LEGEND

ATH-1	ATHLETIC FLOORING - FLEXIBLE / NON-ADHERED
CPT-1	BROADLOOM CARPET (UNIT BEDROOMS)
CT-1	CERAMIC TILE (UNIT BATHROOMS W/ ROLL-IN SHOWERS ONLY)
ERF-1	EPOXY RESINOUS FLOORING
EXTG-WD	EXISTING WOOD FLOORING TO REMAIN IN PLACE & BE REFINISHED
EXTG-WS	EXISTING CONCRETE SLAB WITH WEATHER SEAL
LVT-1	LUXURY VINYL TILE (UNIT BATHROOMS)
PC-1	POLISHED CONCRETE
RF-1	RUBBER FLOORING
SC-1	SEALED CONCRETE
WD-SV	SALVAGED WOOD - REMOVED, REINSTALLED AND REFINISHED (SALVAGED WOOD WILL BE REINSTALLED IN CORRIDORS FIRST THEN CONTINUE INTO UNITS - IF THERE IS NOT ENOUGH QUANTITY - INSTALL NEW WOOD FLOORING TO MATCH HISTORIC SIZE)

- LEGEND
- GROUNDWATER PROTECTION RCL EXCEEDANCE EXTENTS
 - NON-INDUSTRIAL DIRECT CONTACT RCL EXCEEDANCE EXTENTS
 - INDUSTRIAL DIRECT CONTACT RCL EXCEEDANCE EXTENTS
- LEGEND
- Planned Underground Plumbing
 - Underground Tunnel
 - Previous Soil Probe, Hand Auger, and Temp. Well Locations (9)
 - Monitoring Well Locations (6)
 - Soil Probe Locations (13)
 - Sub-Slab Soil Sampling Locations (28)
 - Approximate Underground Storage Tank Location

Analyte	NR 720 RCLs for GW Protection (1)	NR 720 RCLs - Non-Industrial Use for Direct Contact Protection (1)	NR 720 RCLs - Industrial Use for Direct Contact Protection (1)	Background Threshold Value
Volatile Organic Compounds (VOCs)				
1,1,1-Trichloroethane	0.1402	640	640	—
1,1-Dichloroethane	0.4834	5.06	22.2	—
1,2-Dichloroethane	0.0028	0.652	2.87	—
1,4-Dichlorobenzene	0.144	3.74	16.4	—
1,2,4-Trimethylbenzene	1.3787**	219	219	—
1,3,5-Trimethylbenzene	1.3787**	182	182	—
Benzene	0.0051	1.6	7.07	—
Chloroform	0.0033	0.454	1.98	—
cis-1,2-Dichloroethane	0.0412	156	2,340	—
Ethylbenzene	1.57	8.02	35.4	—
Methylene Chloride	0.0026	61.80	1150	—
Naphthalene	0.658182	5.52	24.10	—
Styrene	0.22	867	867	—
trans-1,2-Dichloroethane	0.0626	1560	1850	—
Tetrachloroethane	0.0045	33	145	—
Trichloroethane	0.0036	1.3	8.41	—
Vinyl chloride	0.0001	0.067	2.08	—
Xylenes, Total	3.96	1,212	1212	—
Semivolatile Organic Compounds (SVOCs) / Polycyclic Aromatic Hydrocarbons (PAHs)				
Benzo[a]anthracene	—	1.14	21	—
Benzo[a]pyrene	0.47	0.115	2.11	—
Benzo[b]fluoranthene	0.4781	1.15	21.1	—
Benzo[k]fluoranthene	—	11.5	211	—
Chrysene	0.1442	115	2110	—
Dibenz[a,h]anthracene	—	0.115	2	—
Indeno[1,2,3-cd]pyrene	—	1.15	21.1	—
Naphthalene	0.6582	5.52	24.1	—
Polychlorinated Biphenyls (PCBs)				
PCB-1254	0.0094***	0.239	1	—
RCRA Metals				
Arsenic	0.584	0.677	3	8.3
Selenium	0.52	391	5840	—
Lead	27	400	800	51.6

- NOTES:
- (1) FROM WDNR RCLS WORKSHEET DATED DECEMBER 2018
 - REPORTED UNITS IN MG/KG
 - ONLY RCL EXCEEDANCES SHOWN
 - Italics* = DETECTION IS ABOVE GROUNDWATER PROTECTION RCLS
 - BOLD** = DETECTION IS ABOVE NON-INDUSTRIAL DIRECT CONTACT RCLS
 - BOLD Underlined** = DETECTION IS ABOVE INDUSTRIAL DIRECT CONTACT RCLS
 - ** = COMBINED ESTABLISHED STANDARD OF 1,2,4- & 1,3,5-TRIMETHYLBENZENE
 - *** = COMBINED ESTABLISHED STANDARD OF PCBs
 - **** = EXCEEDS BACKGROUND THRESHOLDS
 - = NO ESTABLISHED STANDARD
 - * = LABORATORY CONTROL SAMPLE AND/OR DUPLICATE IS OUTSIDE ACCEPTANCE LIMITS
 - ** = LABORATORY CONTROL SAMPLE AND/OR DUPLICATE IS OUTSIDE ACCEPTANCE LIMITS, HIGH BIASED
 - "B" = COMPOUND WAS FOUND IN THE BLANK AND SAMPLE
 - "F1" = MATRIX SPIKE AND/OR MATRIX SPIKE DUP RECOVERY EXCEEDS CONTROL LIMITS
 - "J" = ANALYTE DETECTED BETWEEN 'LIMIT OF DETECTION' AND 'LIMIT OF QUANTITATION'
 - METHYLENE CHLORIDE OMITTED - COMMON LABORATORY ARTIFACT
 - SAMPLING LOCATIONS ARE APPROXIMATE

KEY PLAN

