

PROPOSED PCB-IMPACTED SOIL EXCAVATION VOLUME ESTIMATE

OVERALL EXCAVATION AREA: 3227.13 SQUARE FEET

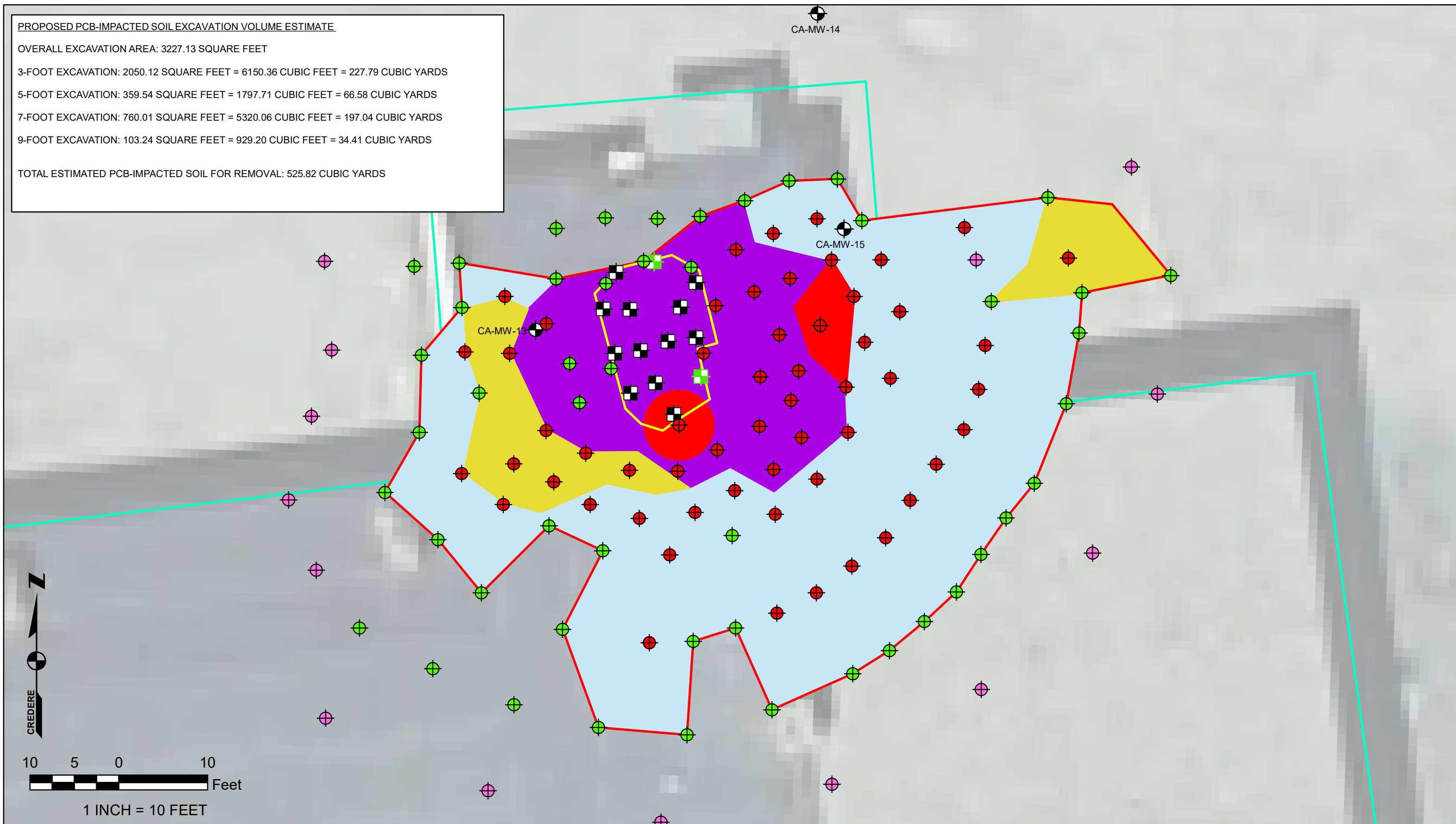
3-FOOT EXCAVATION: 2050.12 SQUARE FEET = 6150.36 CUBIC FEET = 227.79 CUBIC YARDS

5-FOOT EXCAVATION: 359.54 SQUARE FEET = 1797.71 CUBIC FEET = 66.58 CUBIC YARDS

7-FOOT EXCAVATION: 760.01 SQUARE FEET = 5320.06 CUBIC FEET = 197.04 CUBIC YARDS

9-FOOT EXCAVATION: 103.24 SQUARE FEET = 929.20 CUBIC FEET = 34.41 CUBIC YARDS

TOTAL ESTIMATED PCB-IMPACTED SOIL FOR REMOVAL: 525.82 CUBIC YARDS



DRN BY: **SCG/NWW** DATE: **7/27/2021**
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**FIGURE 3
 PROPOSED PCB-IMPACTED SOIL
 REMOVAL PLAN**
 LEBANON FORMER PUBLIC WORKS GARAGE
 20 SPENCER STREET
 LEBANON, NEW HAMPSHIRE

- ✱ PCB-IMPACTED EXCAVATION SOIL SAMPLE
- ✱ NON PCB-IMPACTED EXCAVATION SOIL SAMPLE
- ⊕ PREVIOUS SOIL BORING/EXISTING MONITORING WELL
- ⊕ PROPOSED ADDITIONAL SOIL BORING
- ⊕ NON PCB-IMPACTED SOIL BORING
- ⊕ SOIL BORING - SAMPLES NOT ANALYZED
- ⊕ PCB-IMPACTED SOIL BORING
- ⬡ FORMER BUILDING OUTLINES
- ⬡ JANUARY 2021 EXCAVATION (TO APPROX. 3 FT BGS)
- ⬡ PROPOSED EXCAVATION AREA EXTENT
- ⬡ 3-FOOT EXCAVATION DEPTH
- ⬡ 5-FOOT EXCAVATION DEPTH
- ⬡ 7-FOOT EXCAVATION DEPTH
- ⬡ 9-FOOT EXCAVATION DEPTH

1. EXISTING CONDITIONS AND FEATURES SHOWN ON THIS PLAN ARE APPROXIMATE AND ARE BASED ON INFORMATION OBTAINED FROM THE CITY OF LEBANON, NH GRANIT, ESRI ORTHO IMAGERY, AND FIELD WORK PERFORMED ON MARCH 25, 2020; APRIL 14, 2020; DECEMBER 1, 2, AND 15, 2020; JANUARY 25, 2021; AND MARCH 11 AND 12, 2021.
2. DUE TO THE ANGLE OF AERIAL IMAGERY, THE LOCATION OF SOME FEATURES MAY APPEAR SKEWED.
3. BORINGS CA-SB-33 THROUGH CA-SB-39 ONLY SAMPLED 5 FEET BGS AND DEEPER DUE TO PROXIMITY TO EXISTING EXCAVATION EXTENT SAMPLES. THEREFORE, SHALLOW SOIL IN THESE LOCATIONS MAY BE PCB-IMPACTED EVEN IF PCB IMPACTS ARE NOT INDICATED IN THAT BORING; REFER TO TABLE 1.
4. THE NUMBERS NEXT TO THE SOIL BORINGS INDICATE THE DEPTH THAT SOIL IS CONSIDERED NON-PCB-IMPACTED.