

Environmental Information Management System

Environmental Restoration Division

Operable Unit I

AOC 16

Figure 1

Locations of Radiologically Contaminated Landscape Soils At BNL

Legend

Areas of Radiologically Contaminated Landscape Soils

Background Sampling Area (Helipad)

N

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/home19/oldhome3/ou2-7/closeout\_report  
Fig1\_AOC16\_areas-r1.dwg

Figure 2

Pre-Excavation Radiological  
Walkover Survey Results

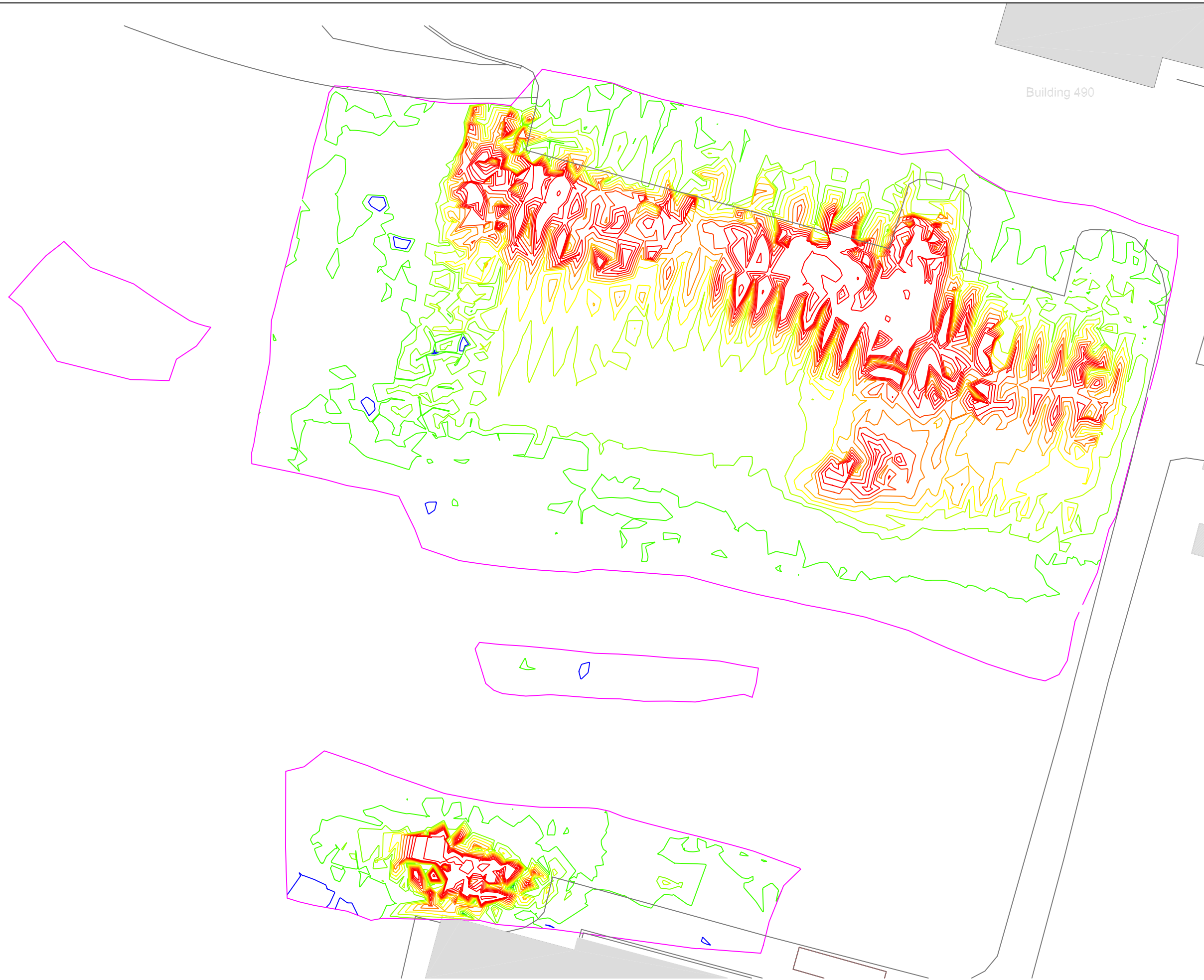
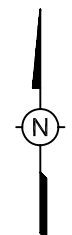
Sub-AOCs 16E.1 and 16E.2  
Field South of Building 490  
And Near Building 494

Legend

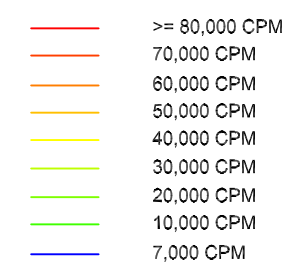
- $\geq 80,000$  CPM
- 70,000 CPM
- 60,000 CPM
- 50,000 CPM
- 40,000 CPM
- 30,000 CPM
- 20,000 CPM
- 10,000 CPM
- 7,000 CPM

— Walkover Radiological  
Survey Perimeter

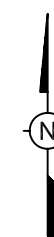
0 5 10 meters



Legend

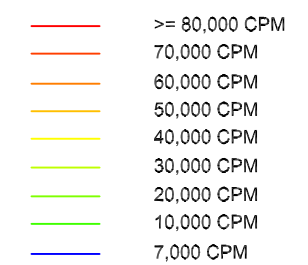


Walkover Radiological  
Survey Perimeter

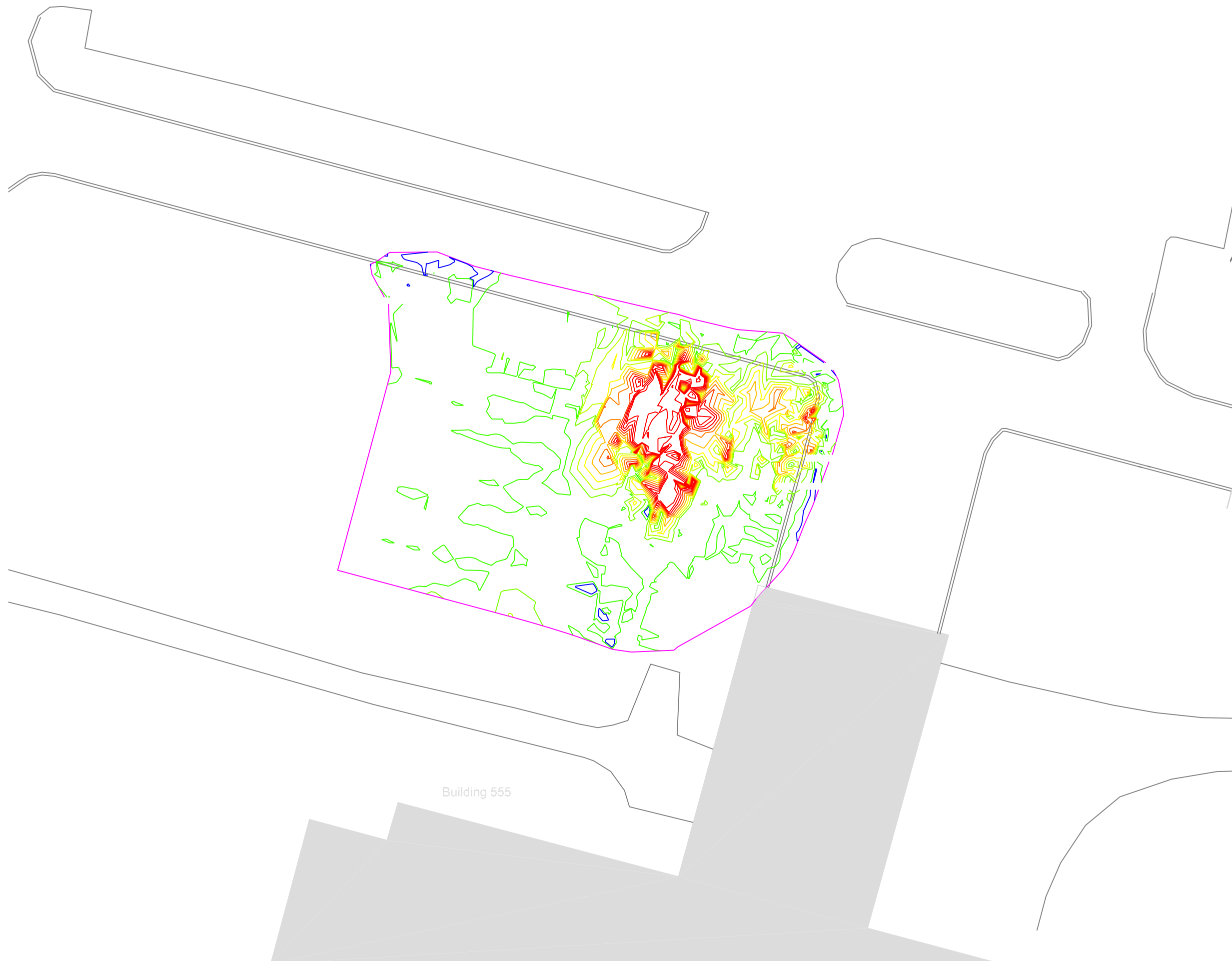
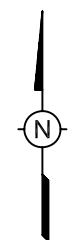




Legend



Walkover Radiological  
Survey Perimeter



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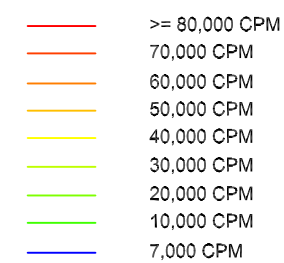
AOC 16

Figure 5

Pre-Excavation Radiological  
Walkover Survey Results

Sub-AOC 16G  
Field East of Building 30

Legend



Walkover Radiological  
Survey Perimeter

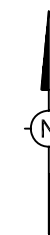


Figure 6  
Radiological Walkover  
Survey Results  
Sub-AOC 16S.1  
North of Building 510

Legend

- >= 80,000 CPM
- 70,000 CPM
- 60,000 CPM
- 50,000 CPM
- 40,000 CPM
- 30,000 CPM
- 20,000 CPM
- 10,000 CPM
- 7,000 CPM

Walkover Radiological  
Survey Perimeter

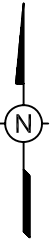


Figure 7

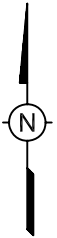
Pre-Excavation Radiological  
Walkover Survey Results

Sub-AOCs 16S.2, 16S.3 and 16S.4  
South and Southwest of building 515

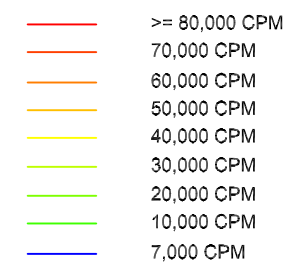
Legend

- $\geq 80,000$  CPM
- 70,000 CPM
- 60,000 CPM
- 50,000 CPM
- 40,000 CPM
- 30,000 CPM
- 20,000 CPM
- 10,000 CPM
- 7,000 CPM

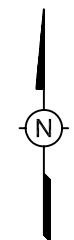
— Walkover Radiological  
Survey Perimeter



Legend

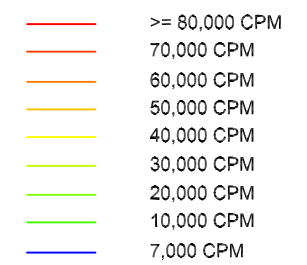


Walkover Radiological  
Survey Perimeter





Legend



Walkover Radiological  
Survey Perimeter

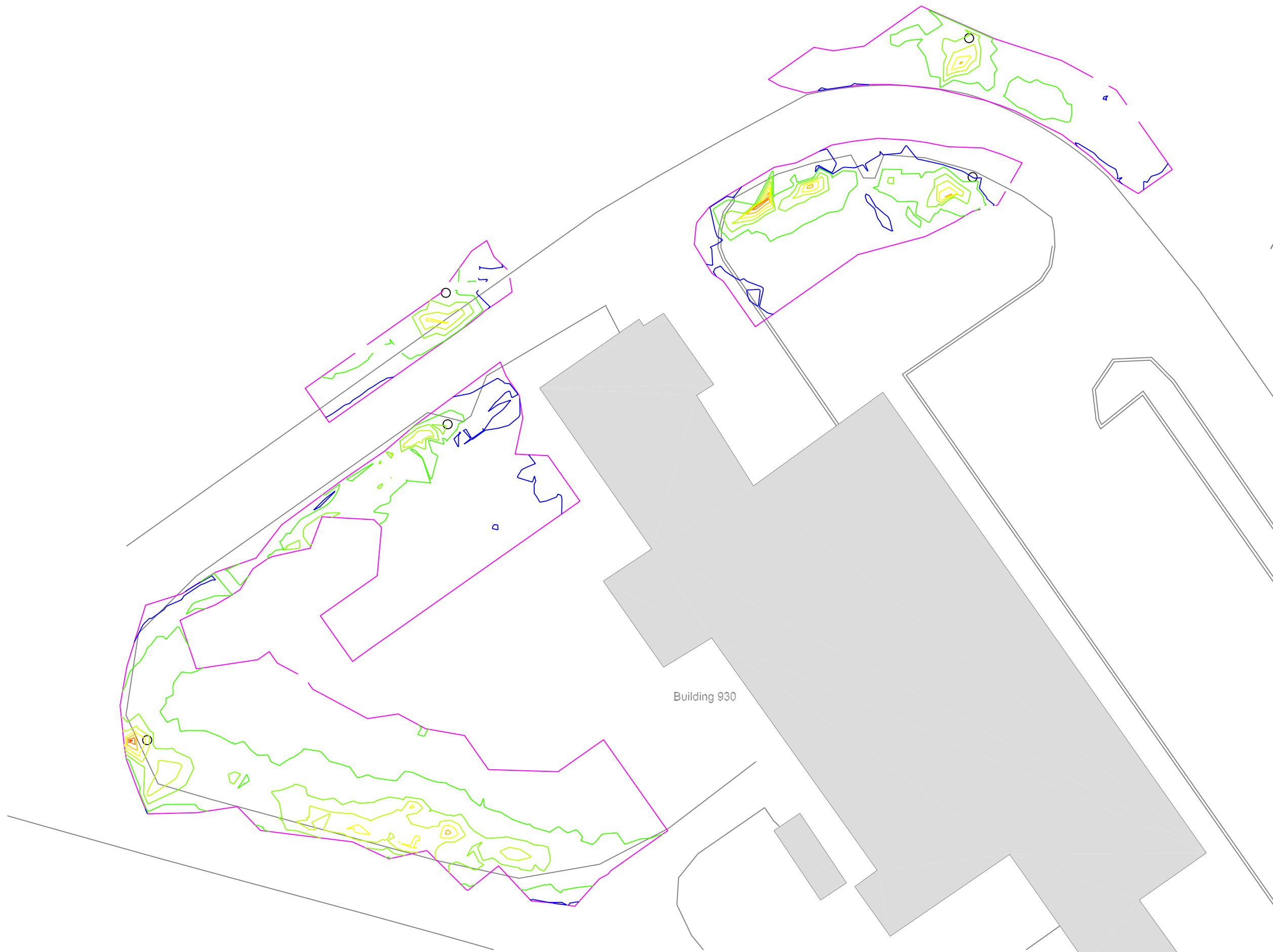
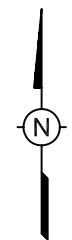
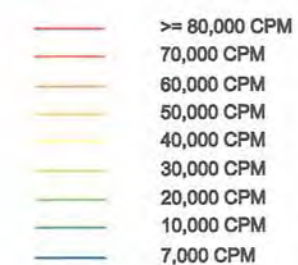


Figure 10

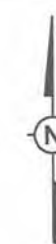
Radiological Walkover  
Survey Results

Sub-AOC 16S.6f  
Adjacent to Building 930

Legend







Walkover Radiological  
Survey Perimeter







Legend

-  2 Meter Radiological Survey Grid
-  Confirmatory Sample Location
-  Excavation Cut Line
-  Class 2 Area





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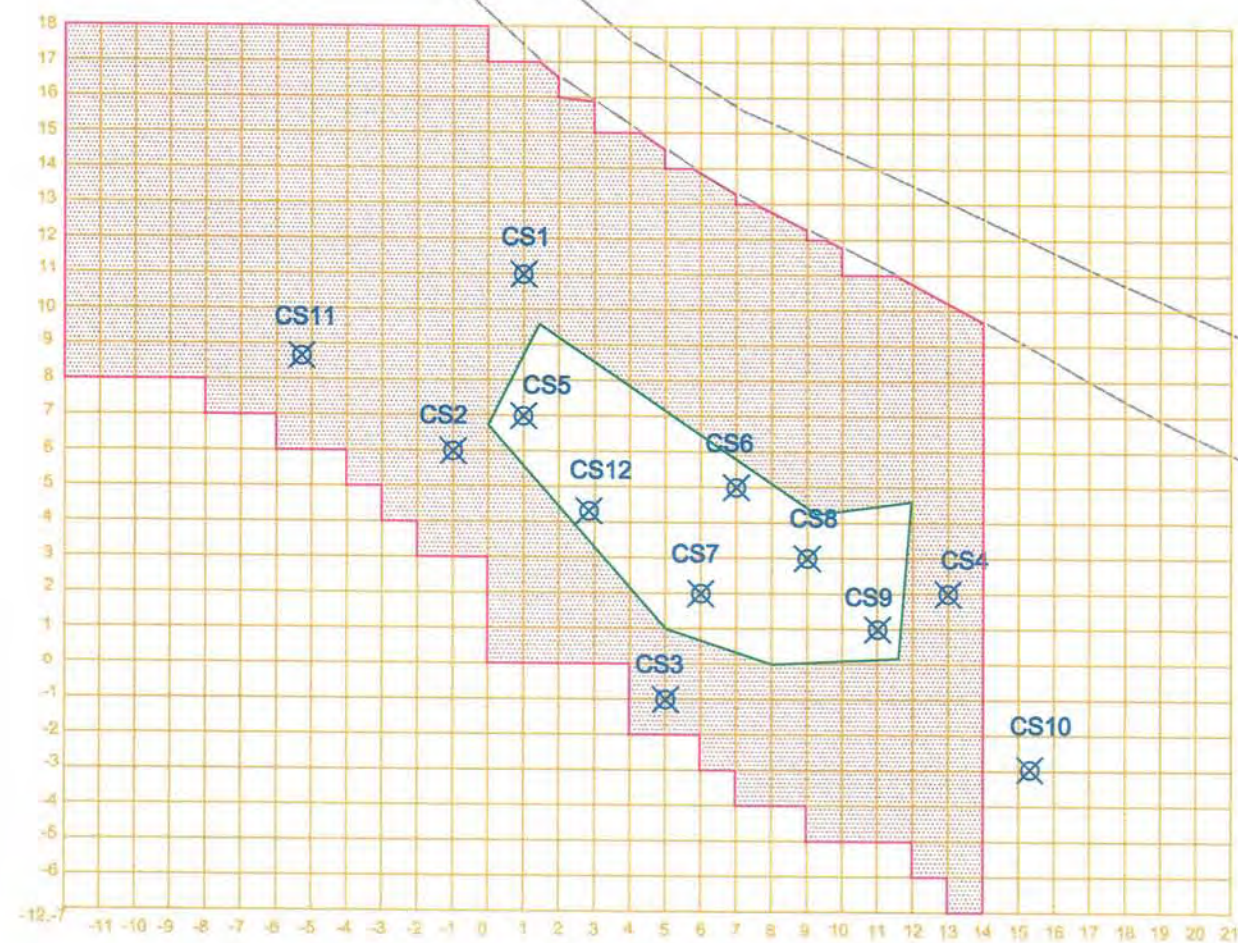
AOC 16

Figure 12


Post-Excavation  
Sampling Locations

Sub-AOC 16E.3

Field South of Pavillion No. 4  
And Near Building 490



Legend

-  2 Meter Radiological Survey Grid
-  Confirmatory Sample Location
-  Excavation Cut Line
-  Class 2 Area





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Figure 13

Post-Excavation  
Sampling Locations

AOC 16 - BMRR  
South of Building 490  
Medical Research Reactor

Legend



2 Meter Radiological  
Survey Grid



Confirmatory Sample Location



Excavation Cut Line







Class 2 Area



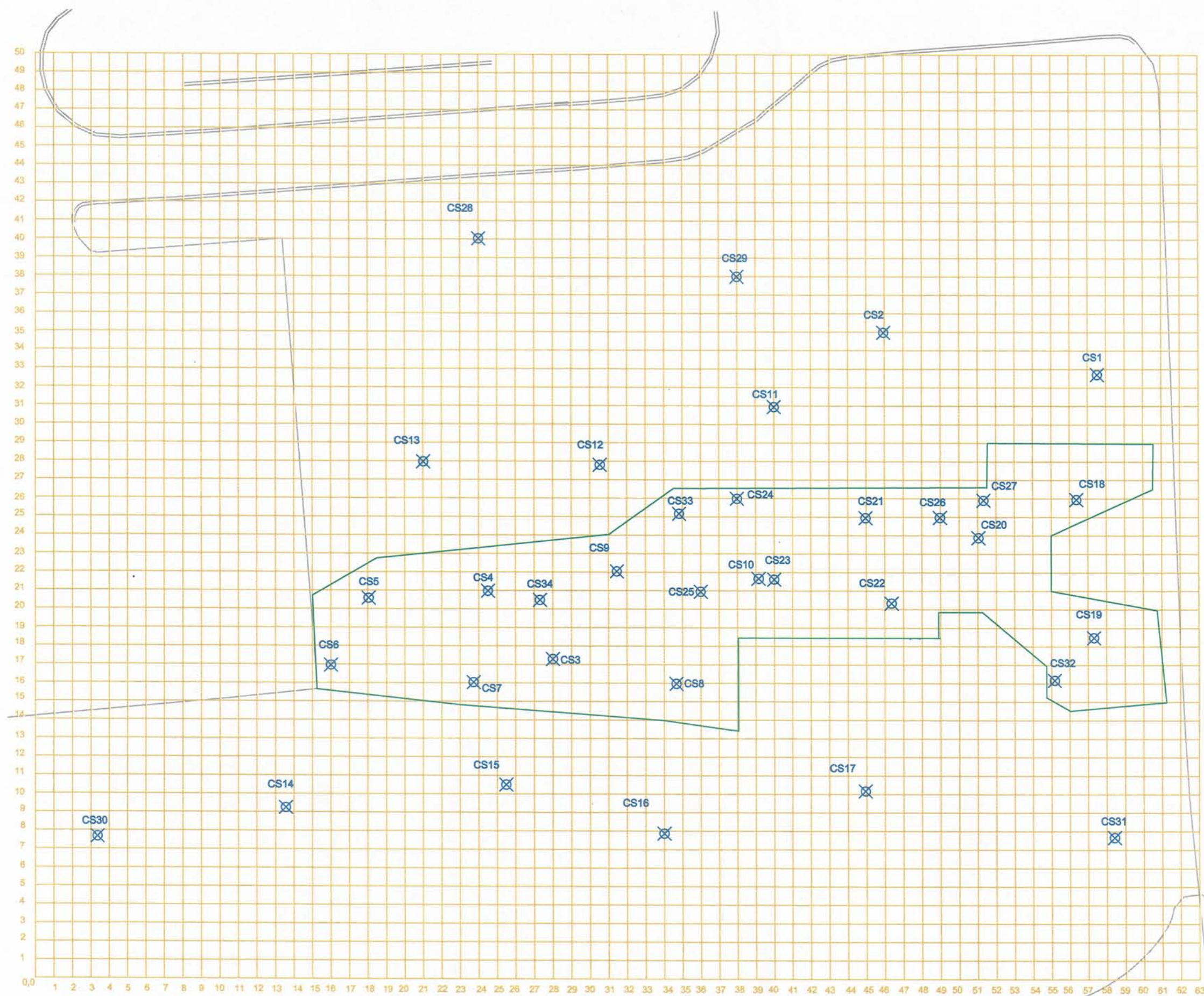


Legend




-  2 Meter Radiological Survey Grid
-  Confirmatory Sample Location
-  Excavation Cut Line
-  Class 2 Area







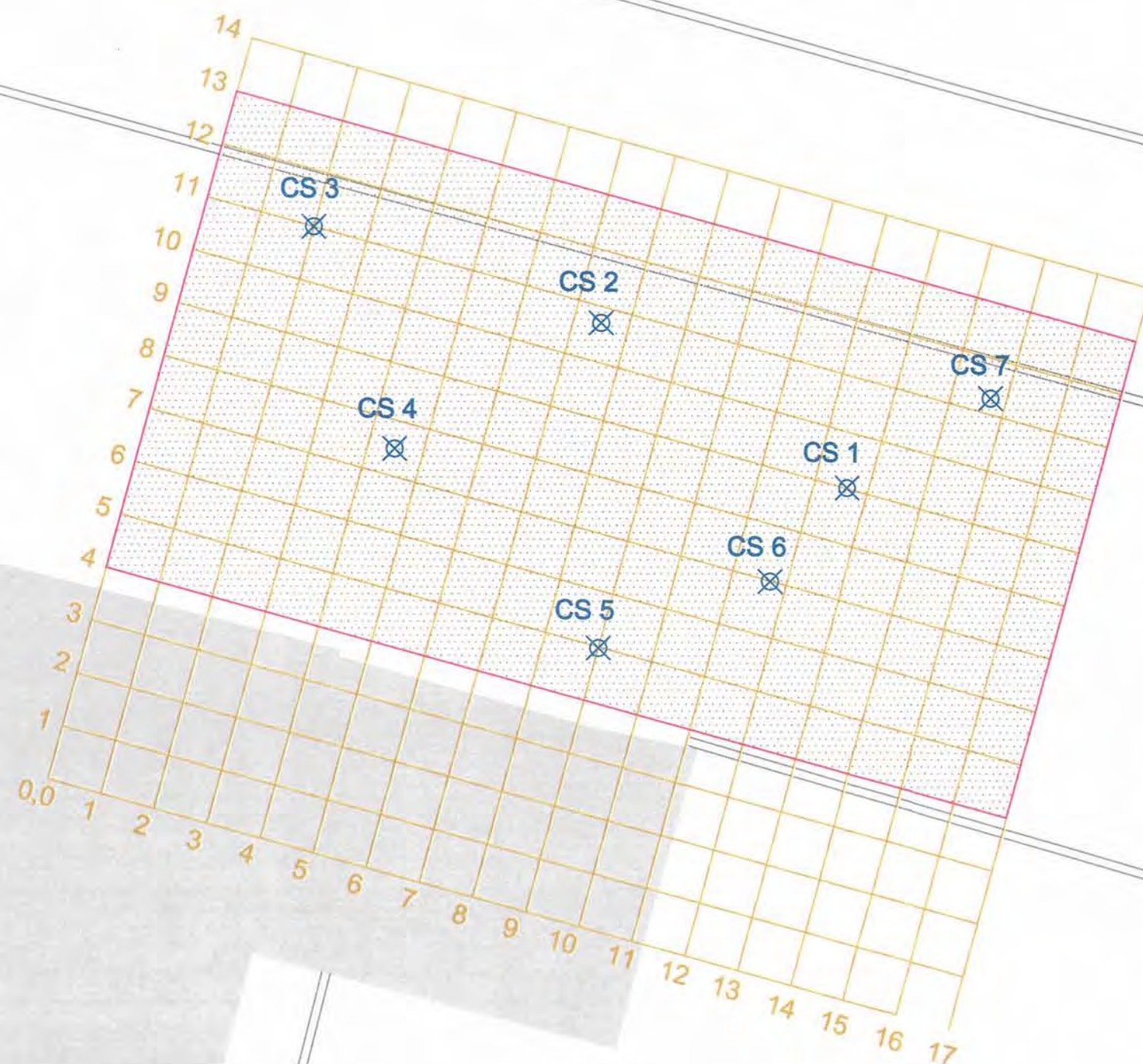
Legend

-  2 Meter Radiological Survey Grid
-  Confirmatory Sample Location
-  Excavation Cut Line
-  Class 2 Area









Building 510



Legend

-  2 Meter Radiological Survey Grid
-  Confirmatory Sample Location
-  Excavation Cut Line
-  Class 2 Area





Legend

- 2 Meter Radiological Survey Grid
- Confirmatory Sample Location
- Excavation Cut Line
- Class 2 Area







AOC16S.2

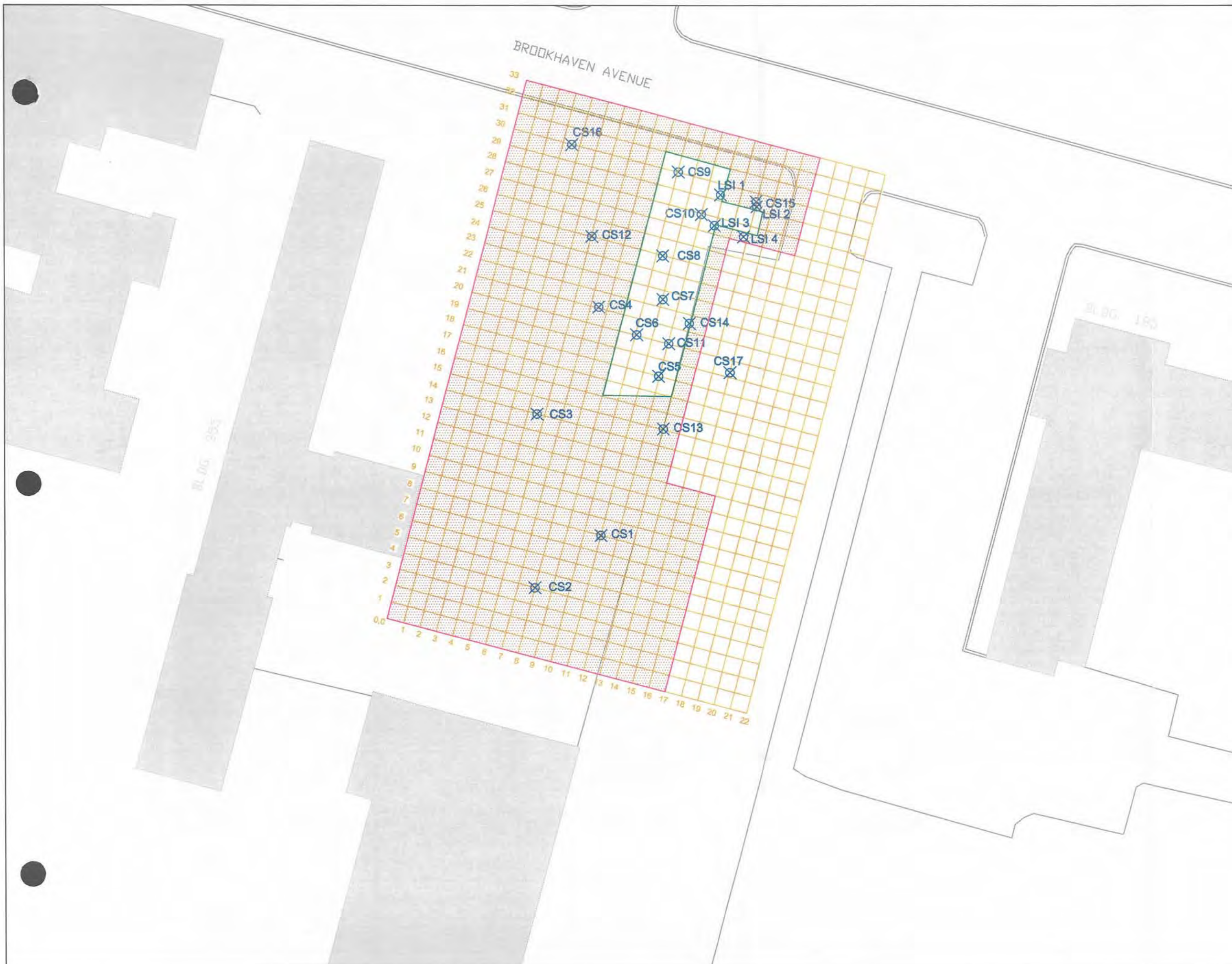
AOC16S.3

AOC16S.4



Legend

-  2 Meter Radiological Survey Grid
-  Confirmatory Sample Location
-  Excavation Cut Line
-  Class 2 Area





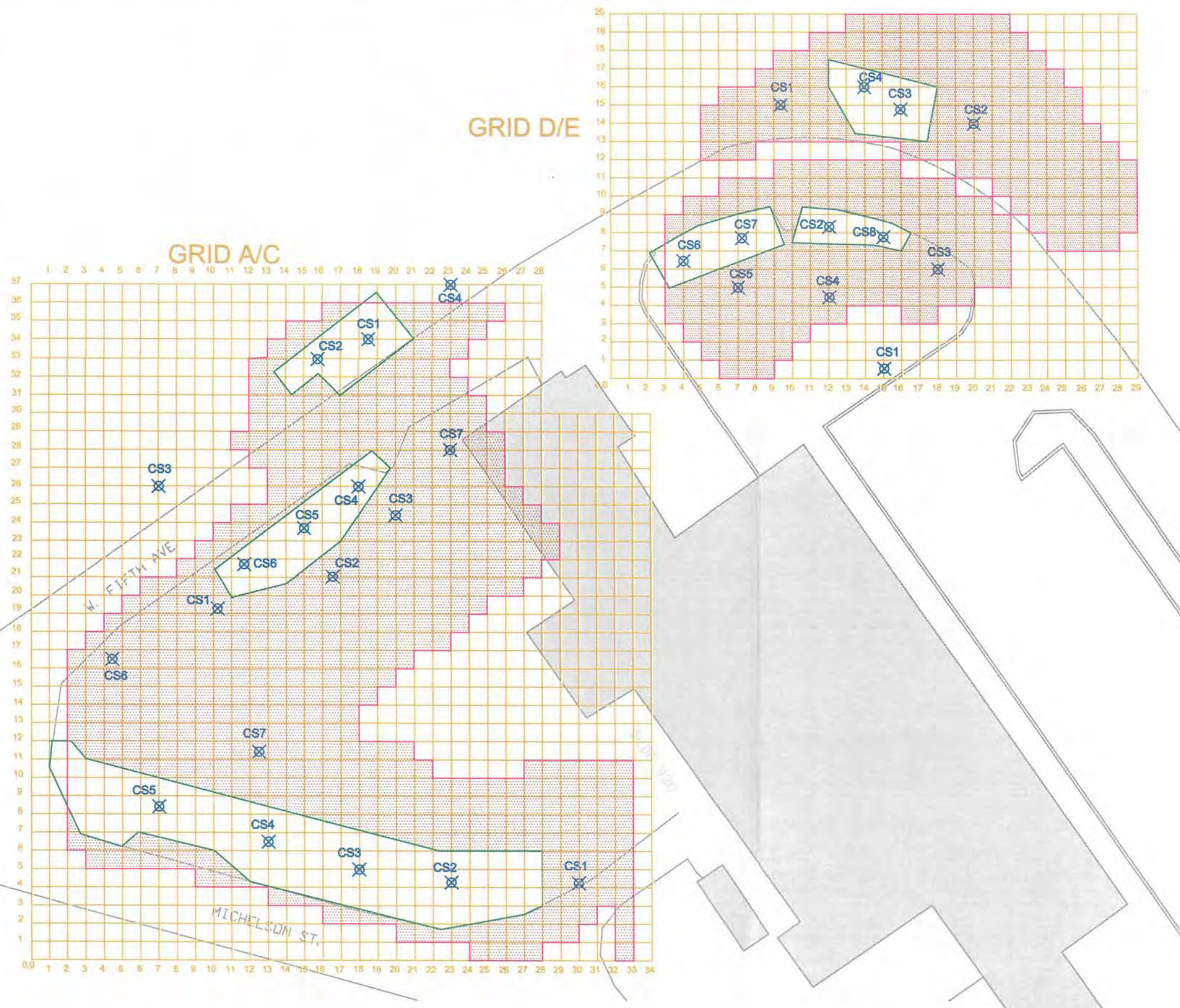
Legend

-  2 Meter Radiological Survey Grid
-  Confirmatory Sample Location
-  Excavation Cut Line
-  Class 2 Area



GRID D/E

GRID A/C







Environmental Information Management System

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AOC 16

Figure 20

Post-Excavation  
Sampling Locations

Sub-AOCs 16S6.f  
Adjacent to Building 930

Legend

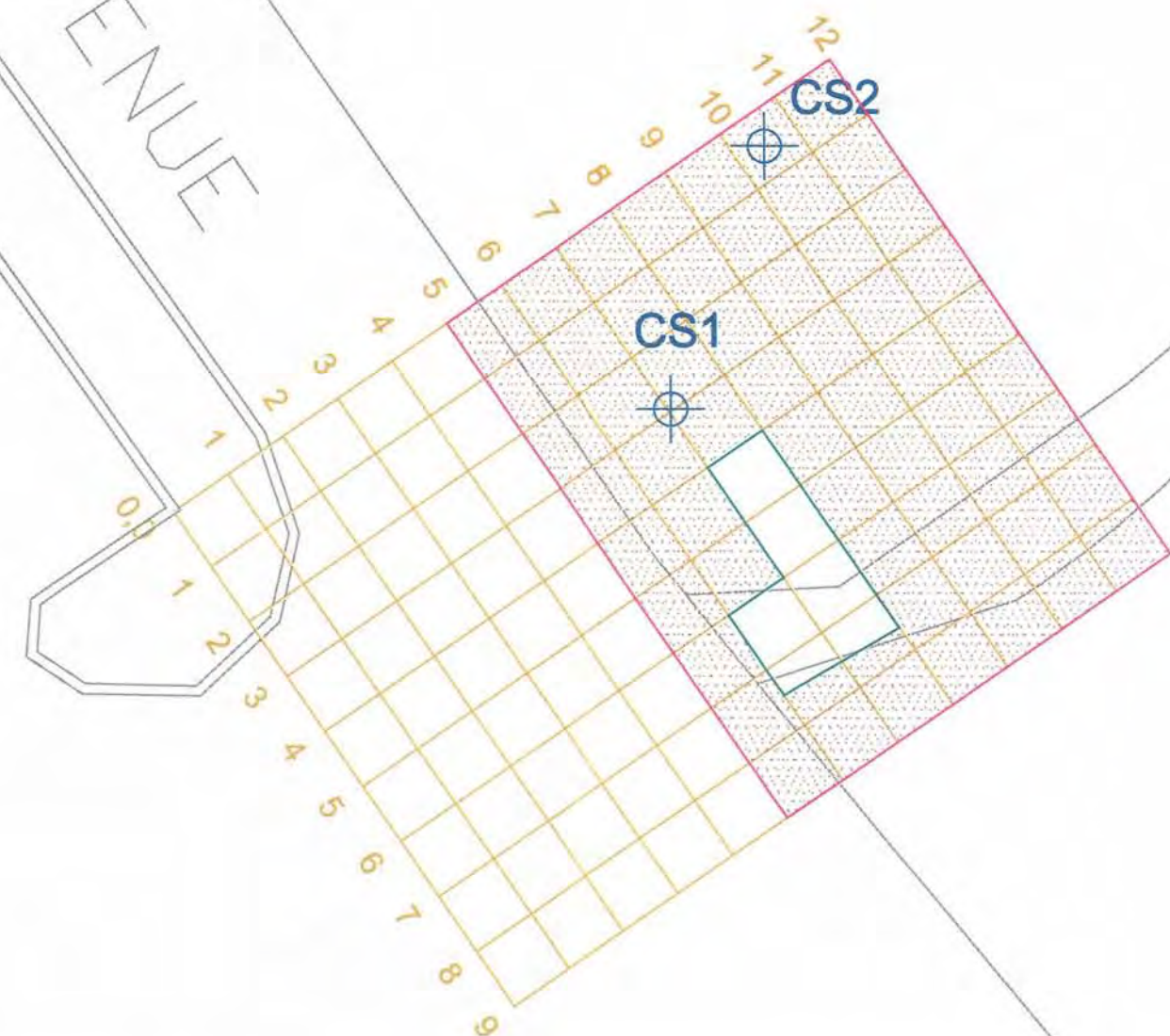
-  2 Meter Radiological Survey Grid
-  Confirmatory Sample Location
-  Excavation Cut Line
-  Class 2 Area



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W. FIFTH AVENUE





Environmental Information Management System

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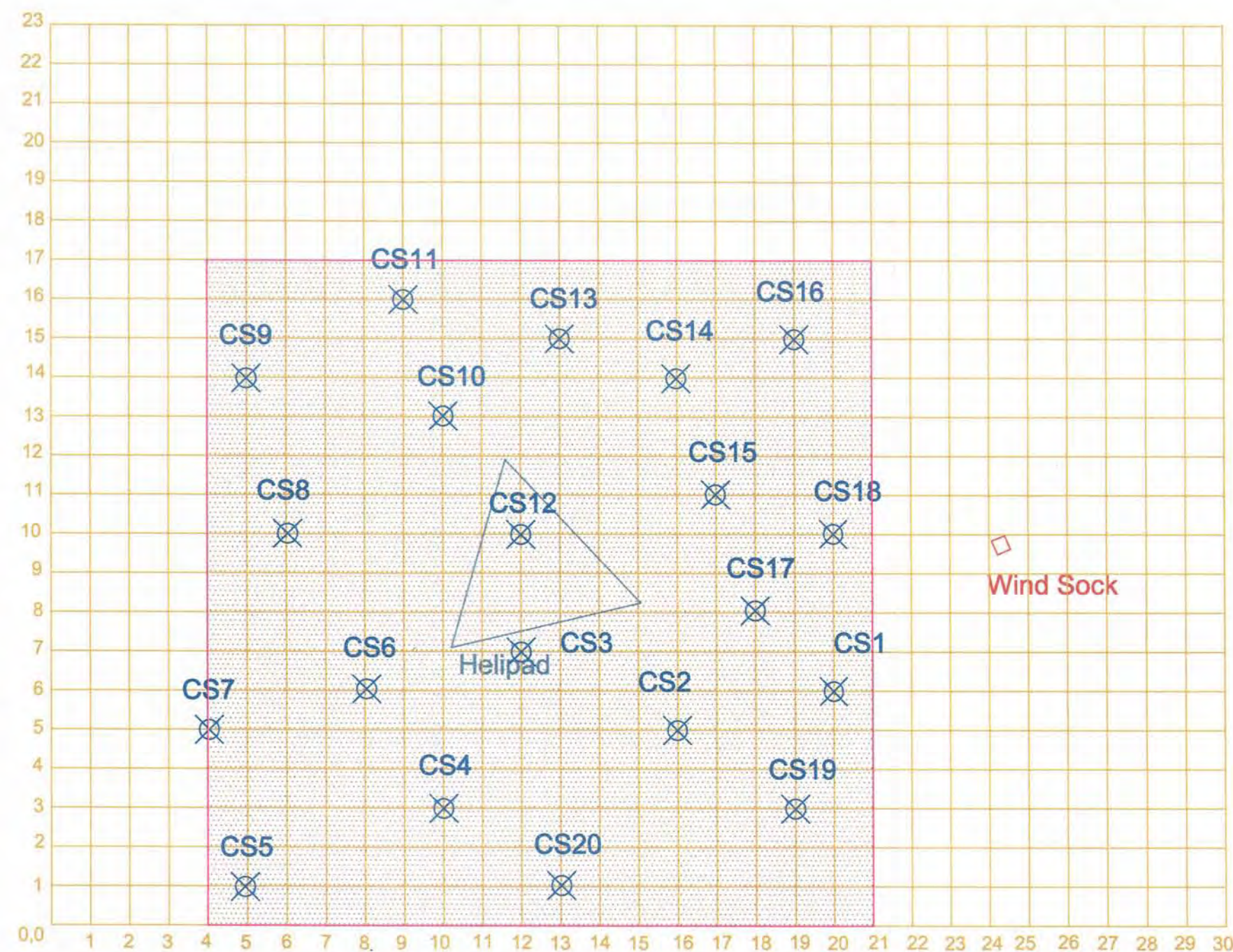
Figure 21

Post-Excavation


Sampling Locations


Background Sampling at Helipad


Field South of Building 50



Legend

 2 Meter Radiological  
Survey Grid

 Confirmatory Sample Location

 Class 2 Area



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