

Figures

General Legend for SAP Figures

Existing Soil and Groundwater Locations (Figures 4 to 21)

- Historical Soil Sample Location – all samples have been excavated
- Historical Soil Sample Location – not all samples have been excavated
- Groundwater Monitoring Well – will be sampled during RI
- Groundwater Monitoring Well – will not be sampled during RI

Proposed RI Sample Locations (Figures 4 to 21)

- ⊕ Groundwater Monitoring Well
- ◆ Soil Boring
- ▲ Soil Vapor Point

Proposed RI Sample Location Abbreviations (Figures 4 to 21)

GTSP – Georgetown Steam Plant	NGW – NBF Groundwater Monitoring Well
PEL – Propulsion Engineering Laboratory	SB – Soil Boring
NFA – North Flightline Area	VP – Vapor Point
CFA – Central Flightline Area	
SFA – South Flightline Area	











Boundaries

- Site Boundary and Subdivision Boundary (five subdivisions of NBF-GTSP Site)
- Area of Concern (AOC) Boundary (Figures 3 to 21)







Storm Drain Structures

- | | |
|--|---|
|  Catch Basin |  Oil/Water Separator |
|  Drain |  Plug |
|  Inlet |  Vault |
|  Lift Station |  Abandoned Structure |
|  Manhole |  Roof Drains |

Storm Drain Lines

- | | |
|--|---|
|  North Lateral |  South Lateral |
|  North-Central Lateral |  Building 3-380 Area |
|  South-Central Lateral |  Parking Lot Area |
|  King County Bypass Line | |
|  MH130A Conveyance | |
|  GTSP Flume Replacement Line | |
|  Storm Drain Line Submerged During High Water Table | |

Other Features

-  Building/Structure
-  Former Building
-  RI Surface Debris Sampling Locations near Buildings/Structures (Figures 23, 24)
-  RI Surface Debris Sampling Locations near SD Structures (Figures 23, 24)
-  Groundwater Flow Direction
-  Excavation Boundary

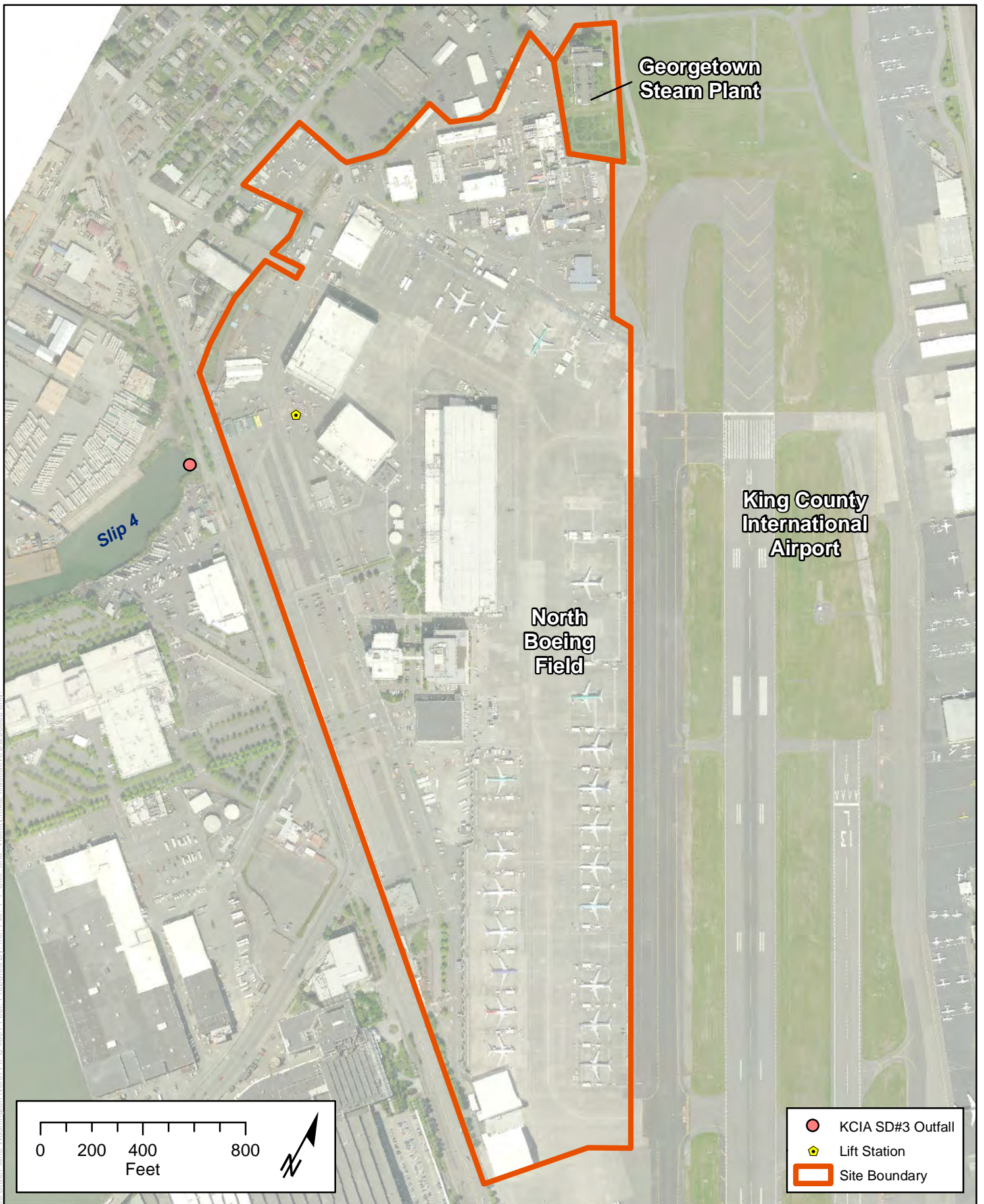


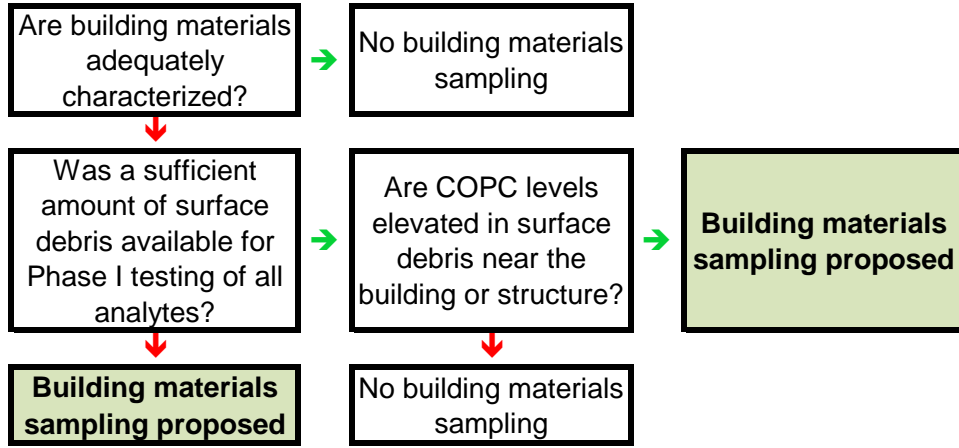
Figure 1. NBF-GTSP Site and Vicinity

Coordinate System: NAD 1983 StatePlane Washington North FIPS 4601 Feet. Prepared By: mlf. File: 1-1_Site_and_Vicinity.mxd. Illustrative purposes only.

Phase II: Anthropogenic Media Sampling

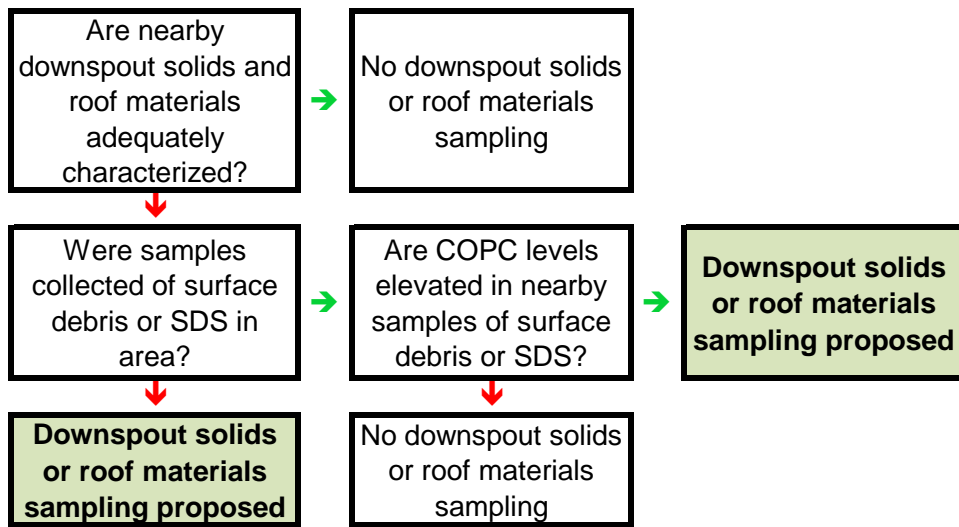
1. Building Materials

For surface debris along base of buildings or large structures built/renovated before or during 1985:



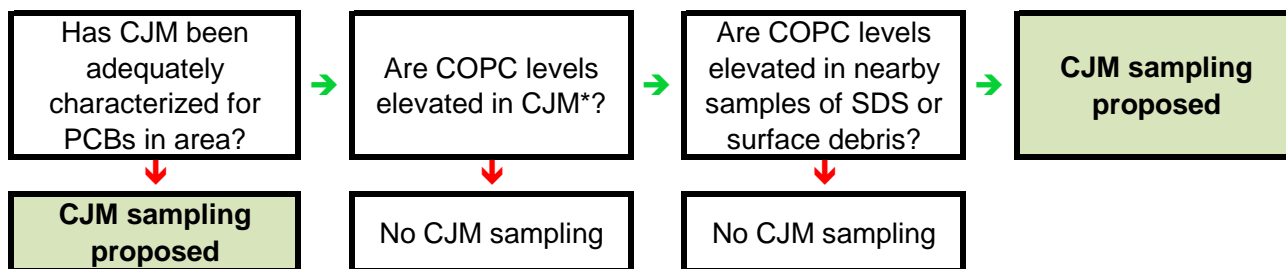
2, 3. Downspout Solids and Roof Materials

For areas with downspout solids or roof materials/debris:



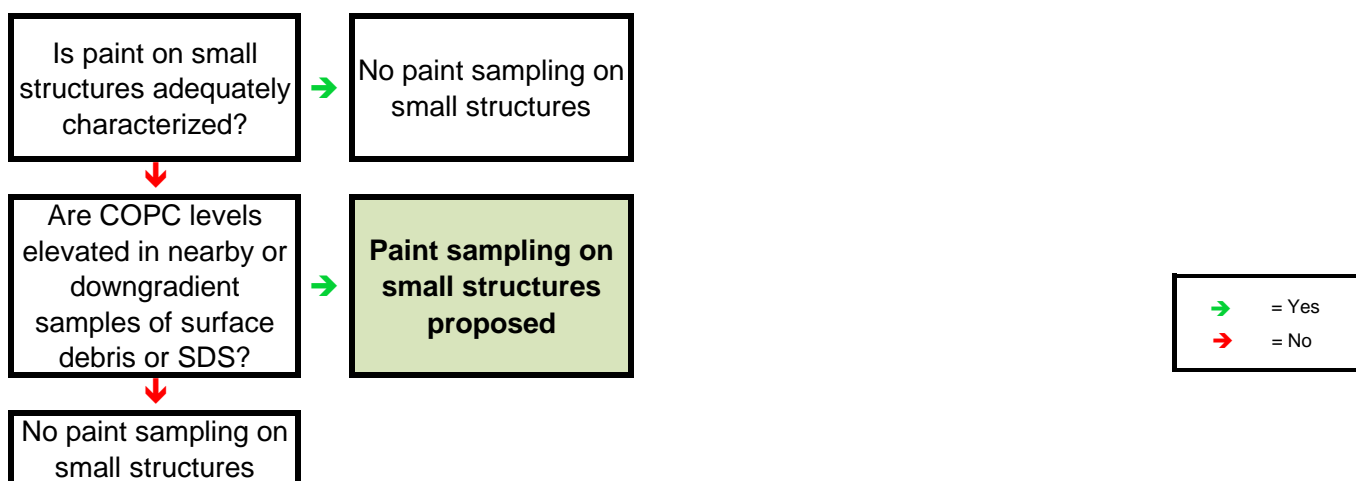
4. CJM

For CJM mostly in flightline areas:



5. Paint on Small Structures

For small painted structures identified in initial Phase I survey:



→ = Yes
→ = No

Notes:

Building materials include paint on buildings or large structures, caulk, or other exterior materials.

Downspout solids include material from the roof that is discharged to the ground surface (or to a primary catch basin) from a downspout.

Small structures include bollards, PIVs, etc.

AM - Anthropogenic media

SD - Storm drain

COPCs - Contaminants of potential concern

SDS - Storm drain solids

"Elevated" COPC levels are generally considered to be exceedance factor ranges >25.

* Excludes CJM recently installed as part of the 2010-2012 CJM removal interim actions; PCBs at elevated levels in older removed CJM could resorb into replaced CJM.

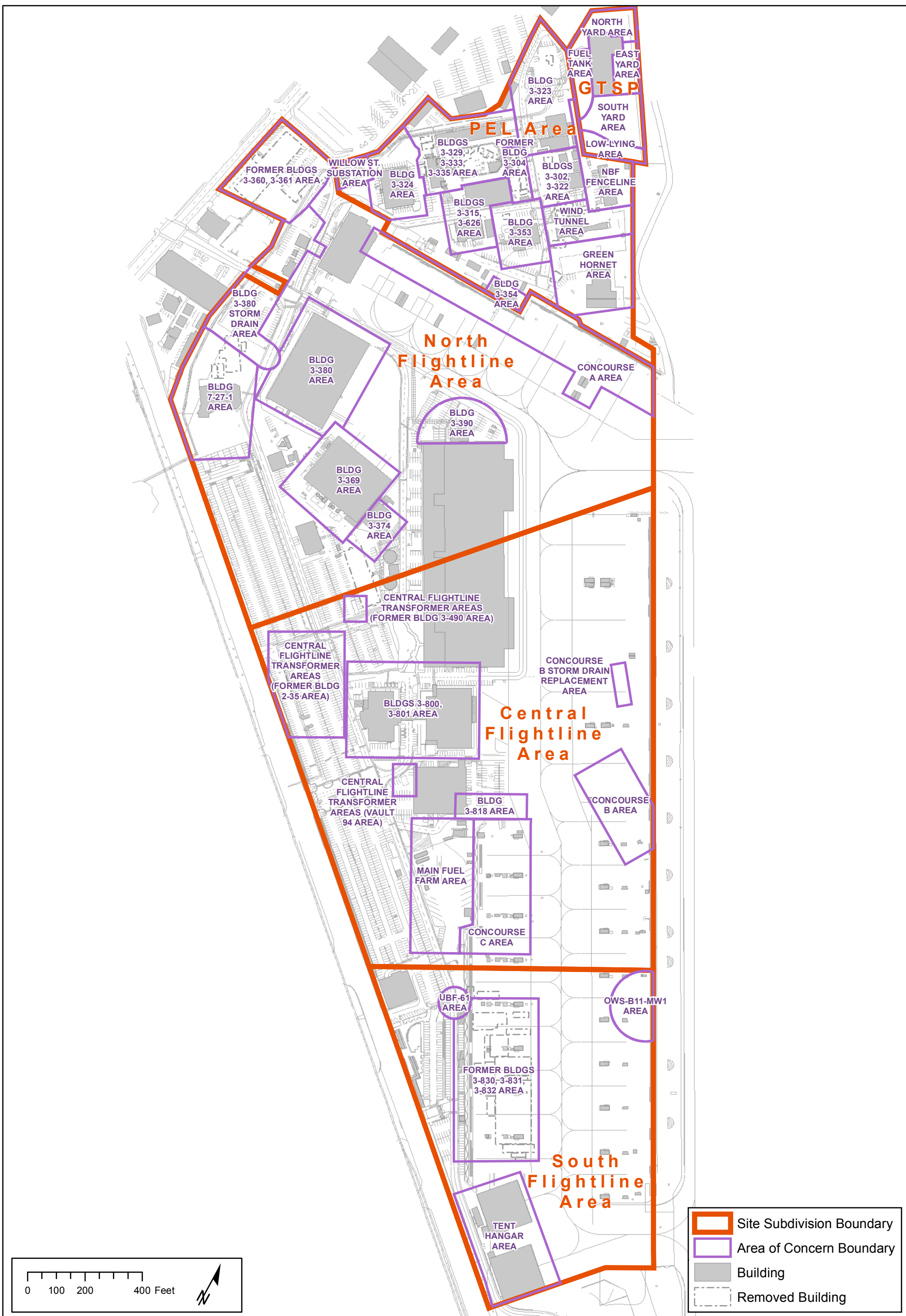
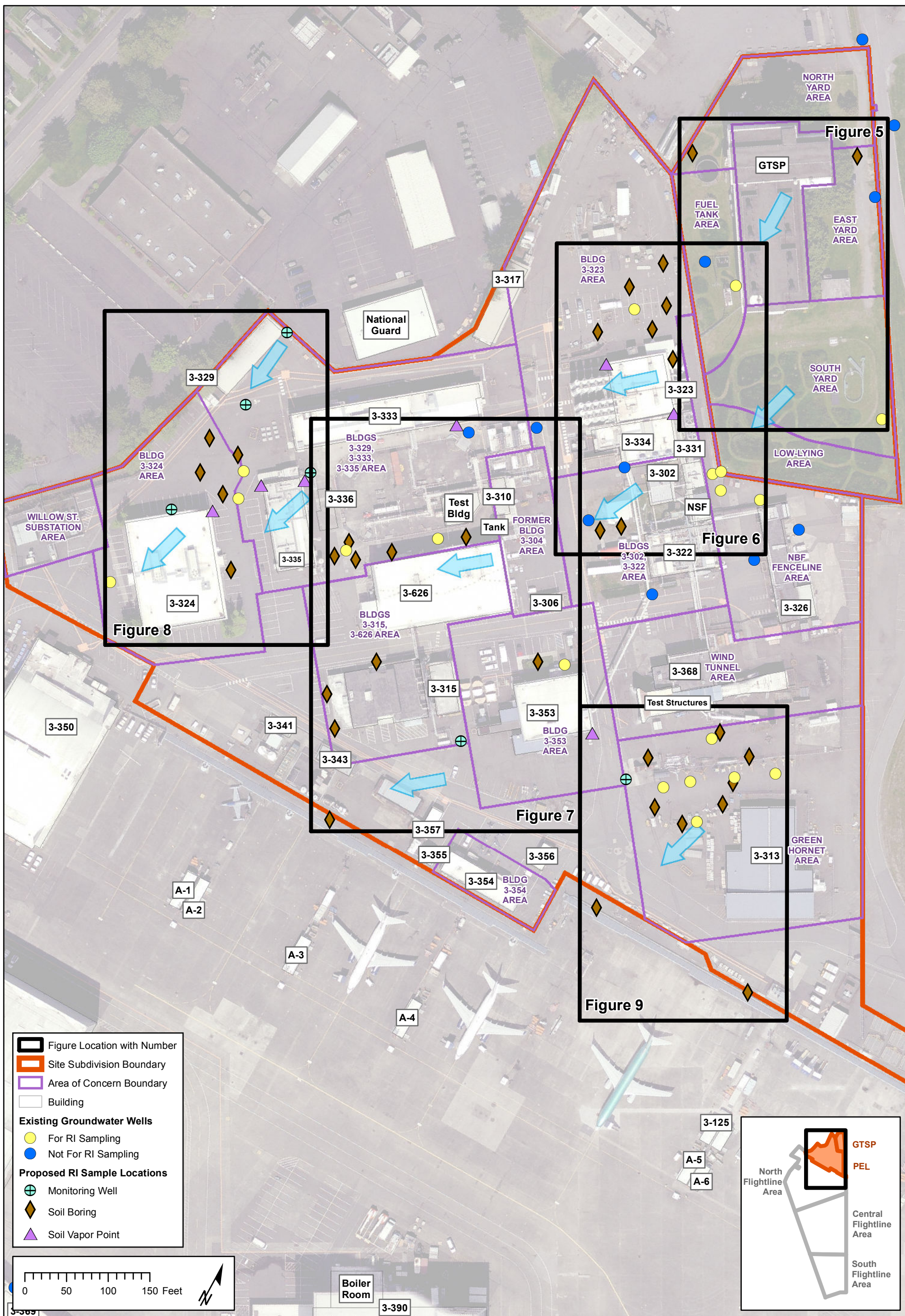


Figure 3. Site Subdivisions and Areas of Concern for Soil and Groundwater Activities at NBF-GTSP



- Figure Location with Number
- Site Subdivision Boundary
- Area of Concern Boundary
- Building
- Existing Groundwater Wells**
- For RI Sampling
- Not For RI Sampling
- Proposed RI Sample Locations**
- ⊕ Monitoring Well
- ◆ Soil Boring
- ▲ Soil Vapor Point

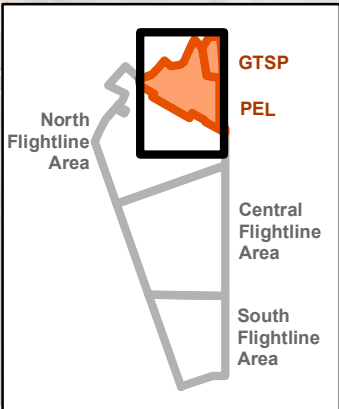
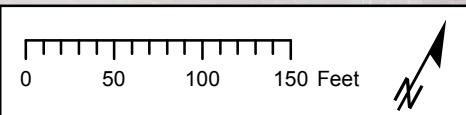


Figure 4. Proposed Soil, Groundwater, and Vapor Point Sample Locations at GTSP and PEL Area



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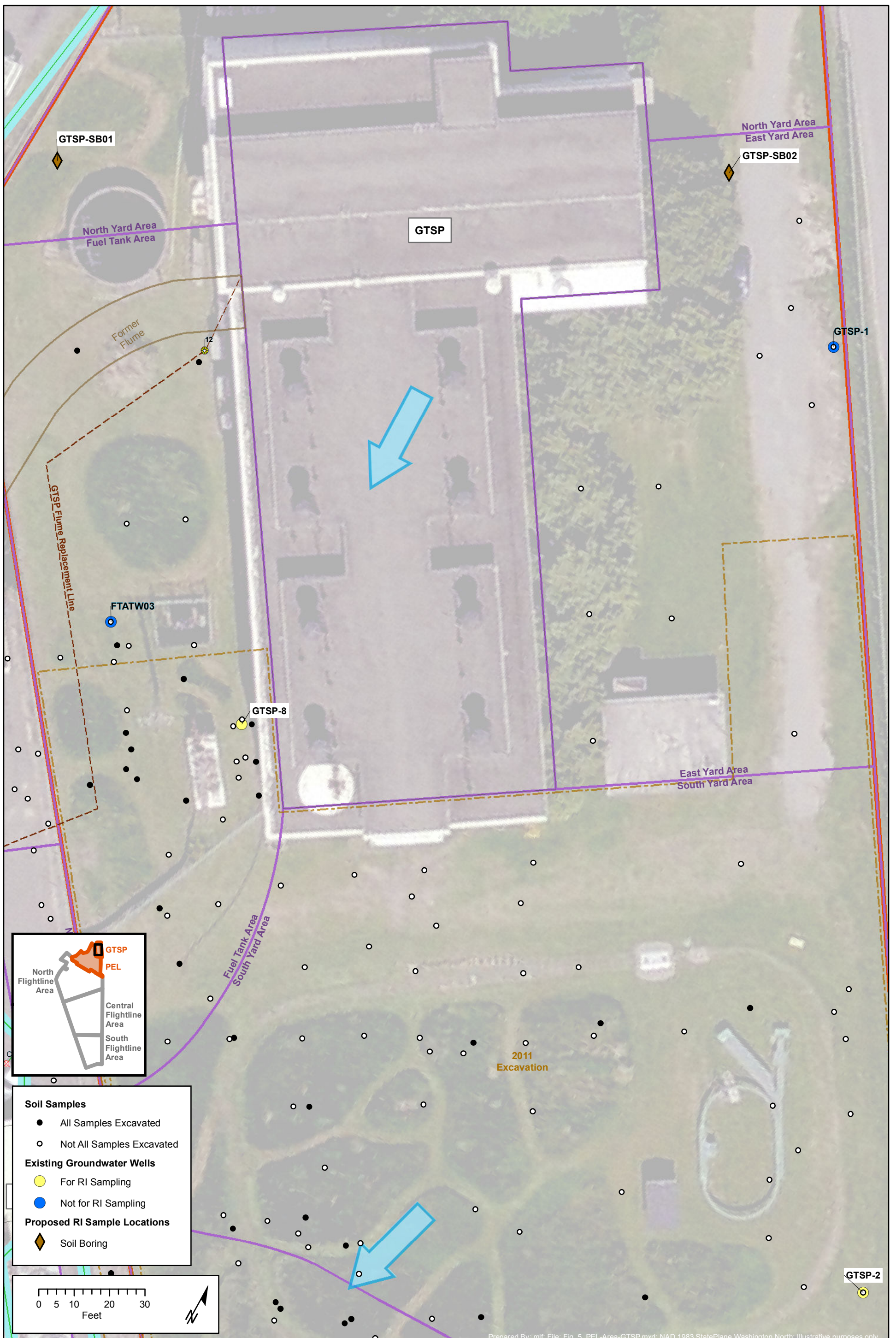


Figure 5. Proposed Soil and Groundwater Sample Locations at GTSP

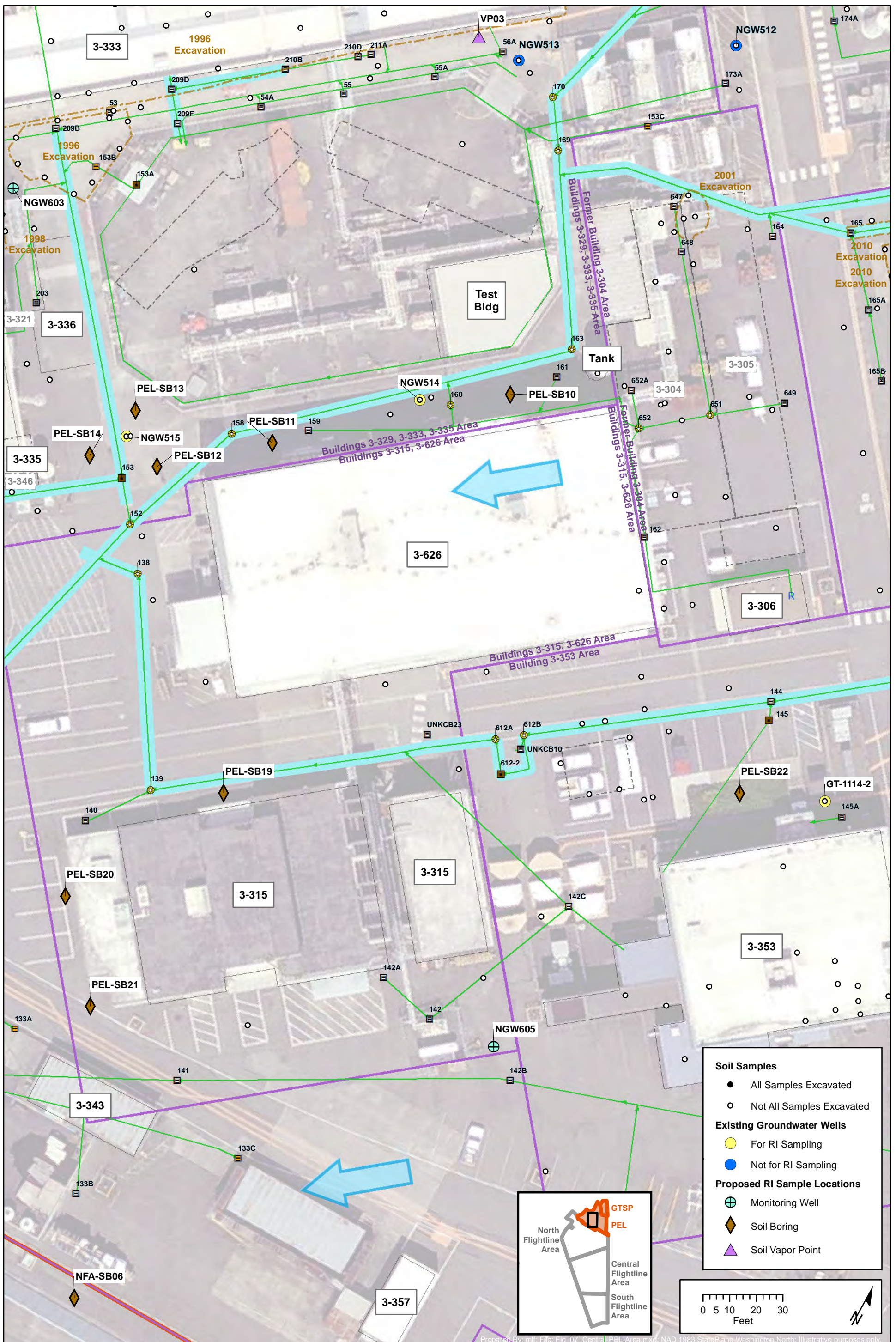


Figure 7. Proposed Soil, Groundwater, and Vapor Point Sample Locations at Central PEL Area

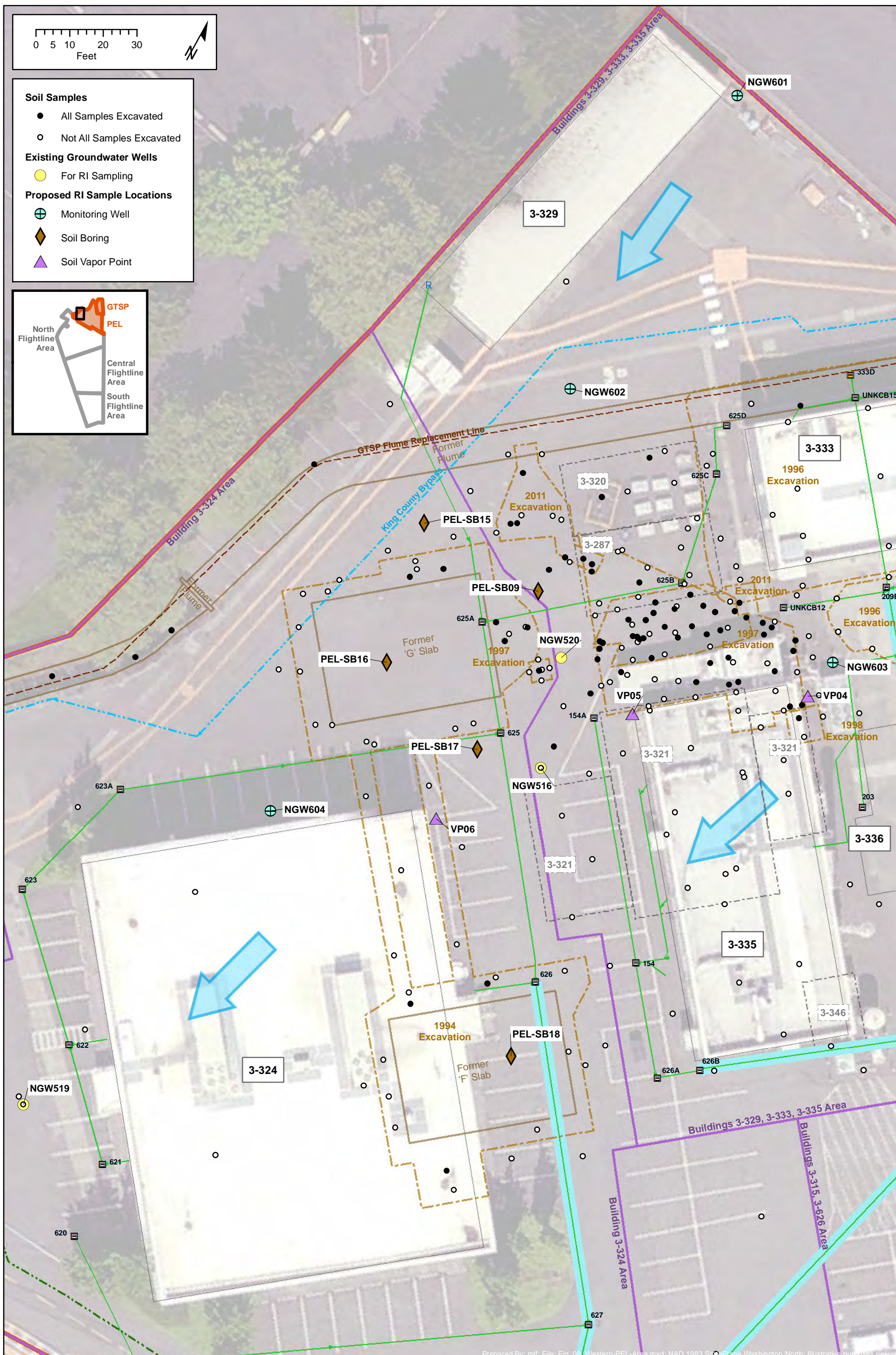


Figure 8. Proposed Soil, Groundwater, and Vapor Point Sample Locations at Western PEL Area

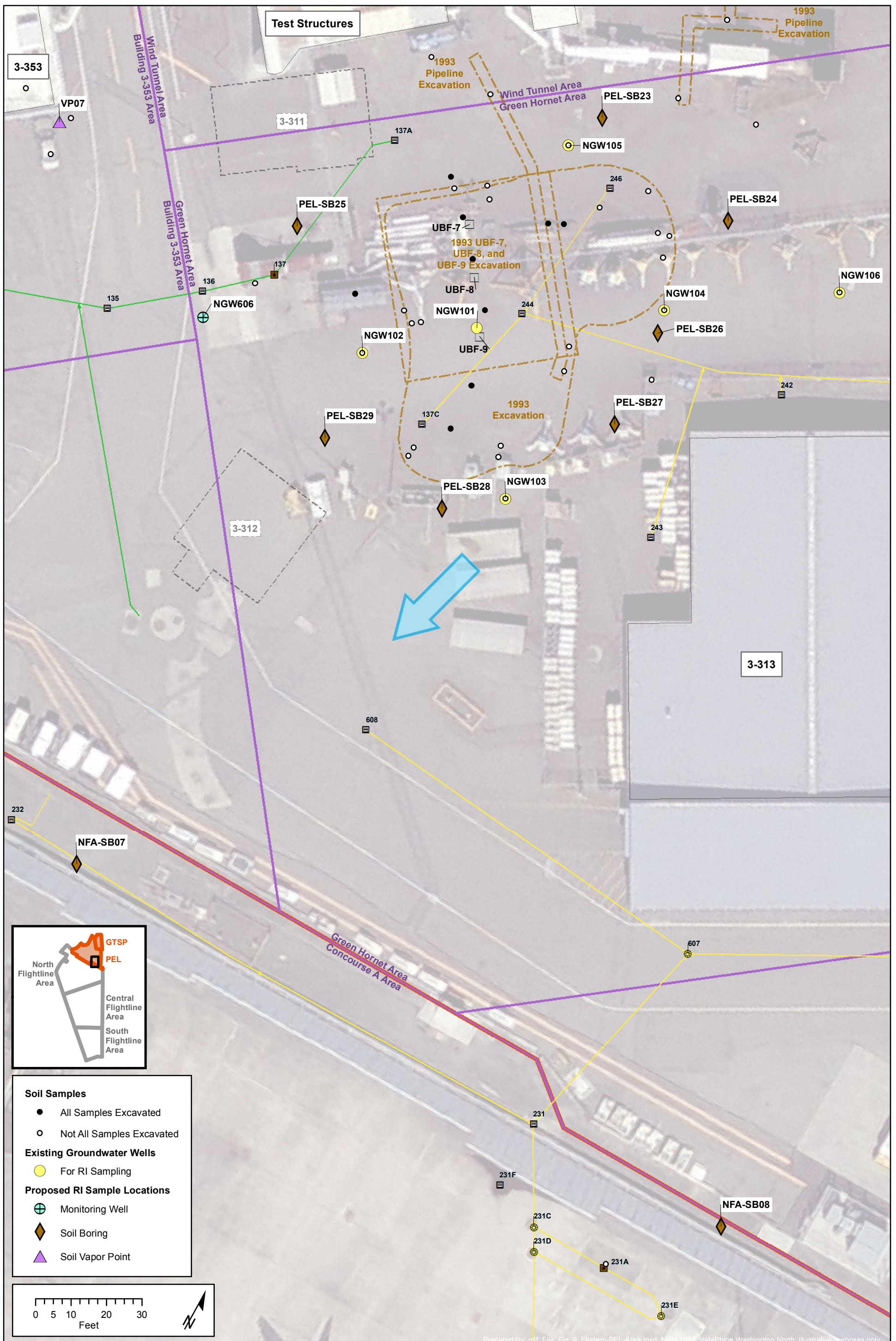
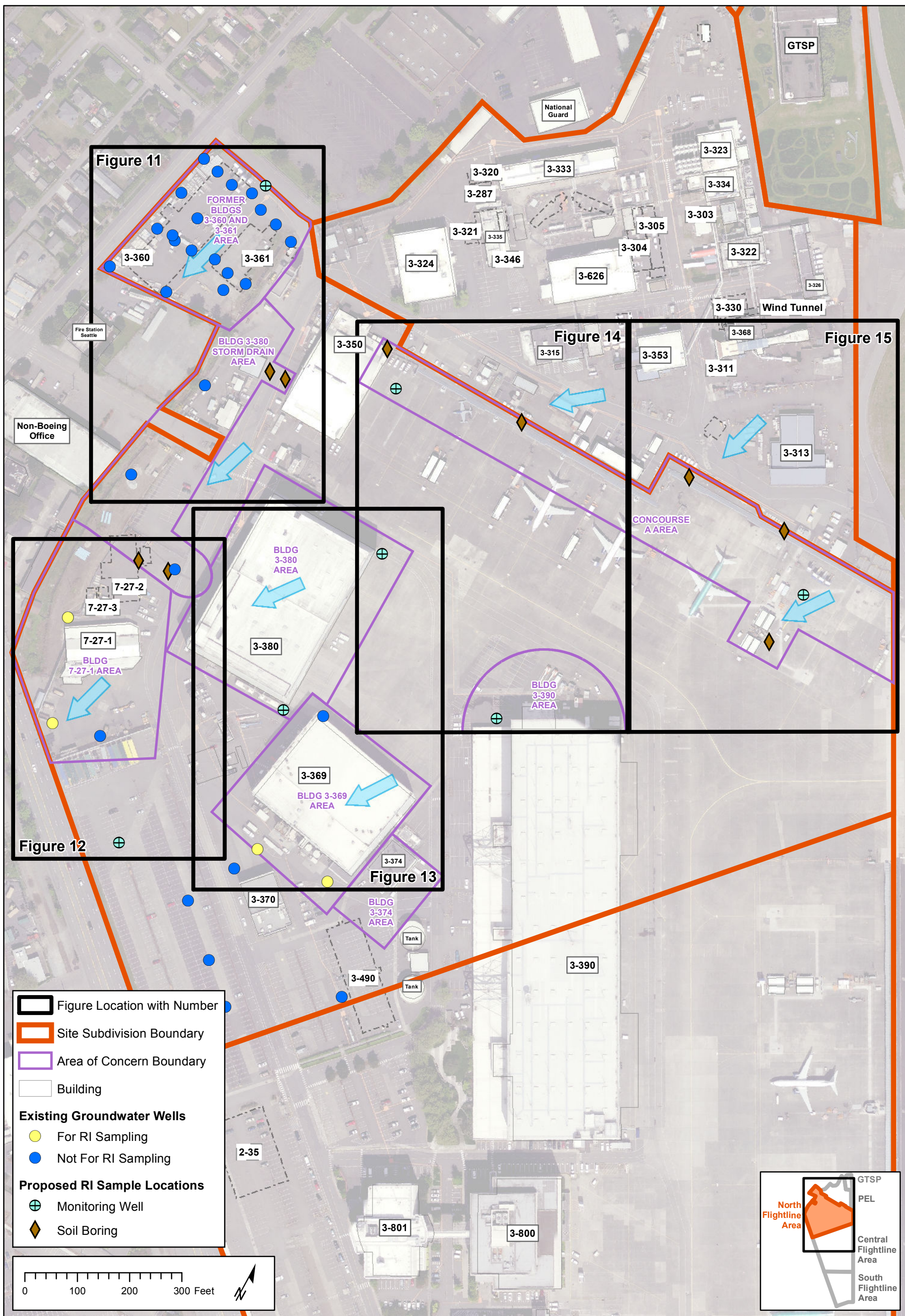


Figure 9. Proposed Soil, Groundwater, and Vapor Point Sample Locations at Eastern PEL Area



- Figure Location with Number
- Site Subdivision Boundary
- Area of Concern Boundary
- Building
- Existing Groundwater Wells**
- For RI Sampling
- Not For RI Sampling
- Proposed RI Sample Locations**
- ⊕ Monitoring Well
- ◆ Soil Boring

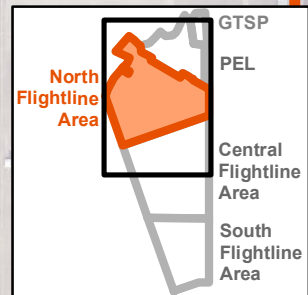
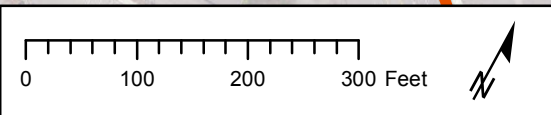


Figure 10. Proposed Soil and Groundwater Sample Locations at North Flightline Area



Coordinate System:
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 Prepared By: mlf
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 Illustrative purposes only.
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Figure 11. Proposed Soil and Groundwater Sample Locations at Former Buildings 3-360 and 3-361 Area and Building 3-380 Storm Drain Area

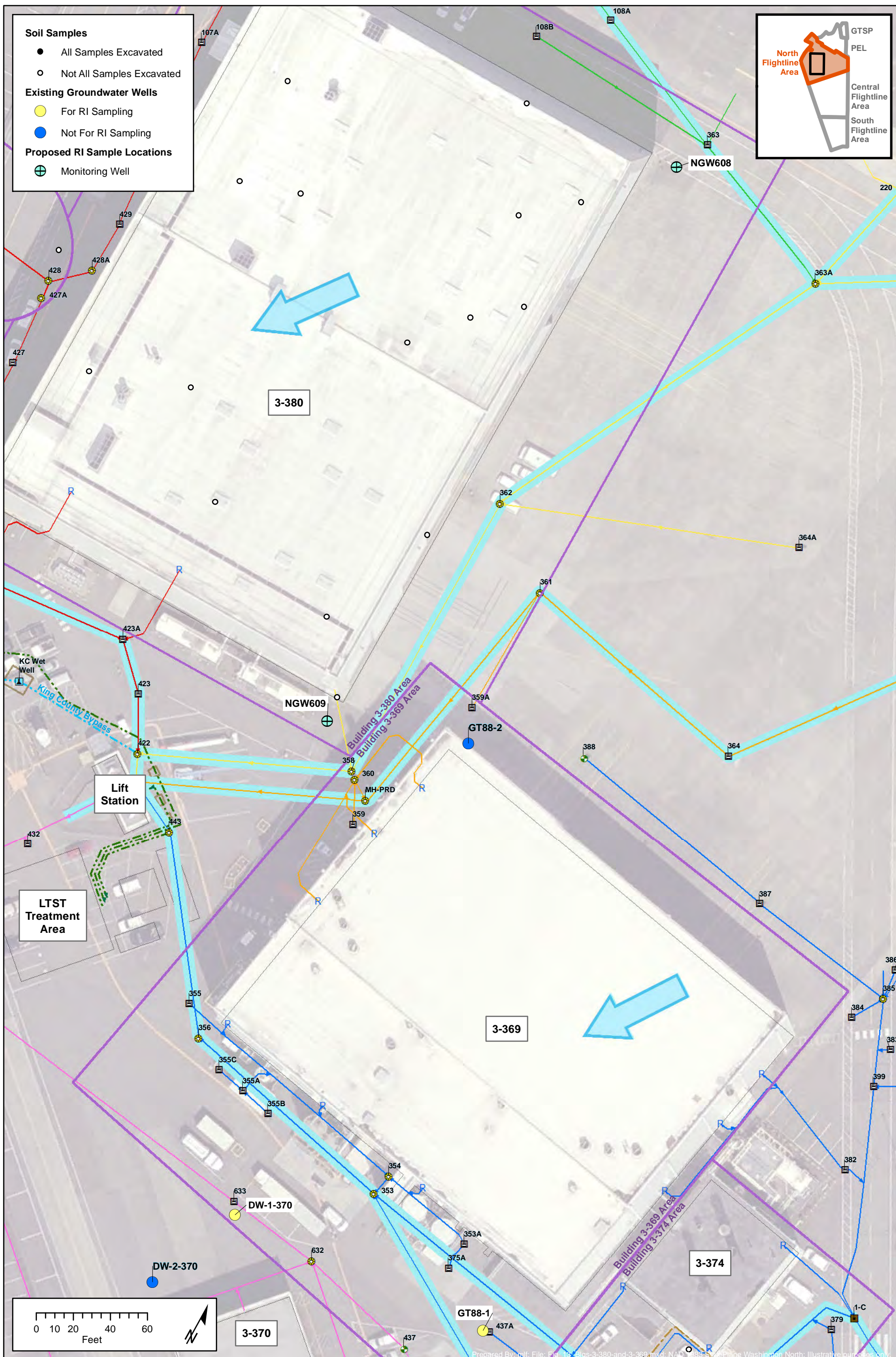
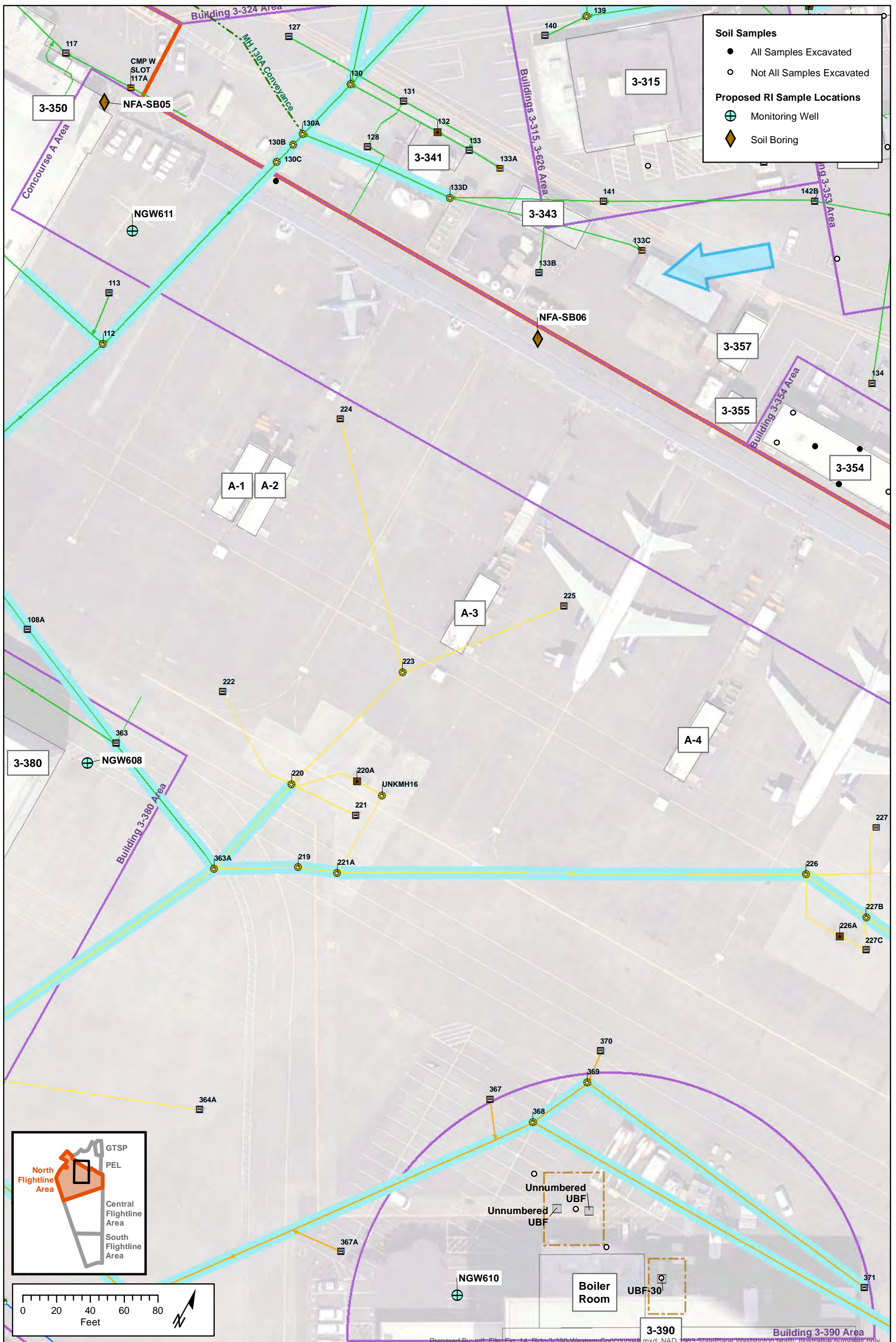


Figure 13. Proposed Soil and Groundwater Sample Locations at Building 3-380 Area and Building 3-369 Area



Prepared By: mlf; File: Fig_14_Bldg_3-390_Western_ConcourseA.mxd; NAD_1983_StatePlane_Washington_North; Illustrative purposes only.

Figure 14. Proposed Soil and Groundwater Sample Locations at Western Concourse A Area and Building 3-390 Area



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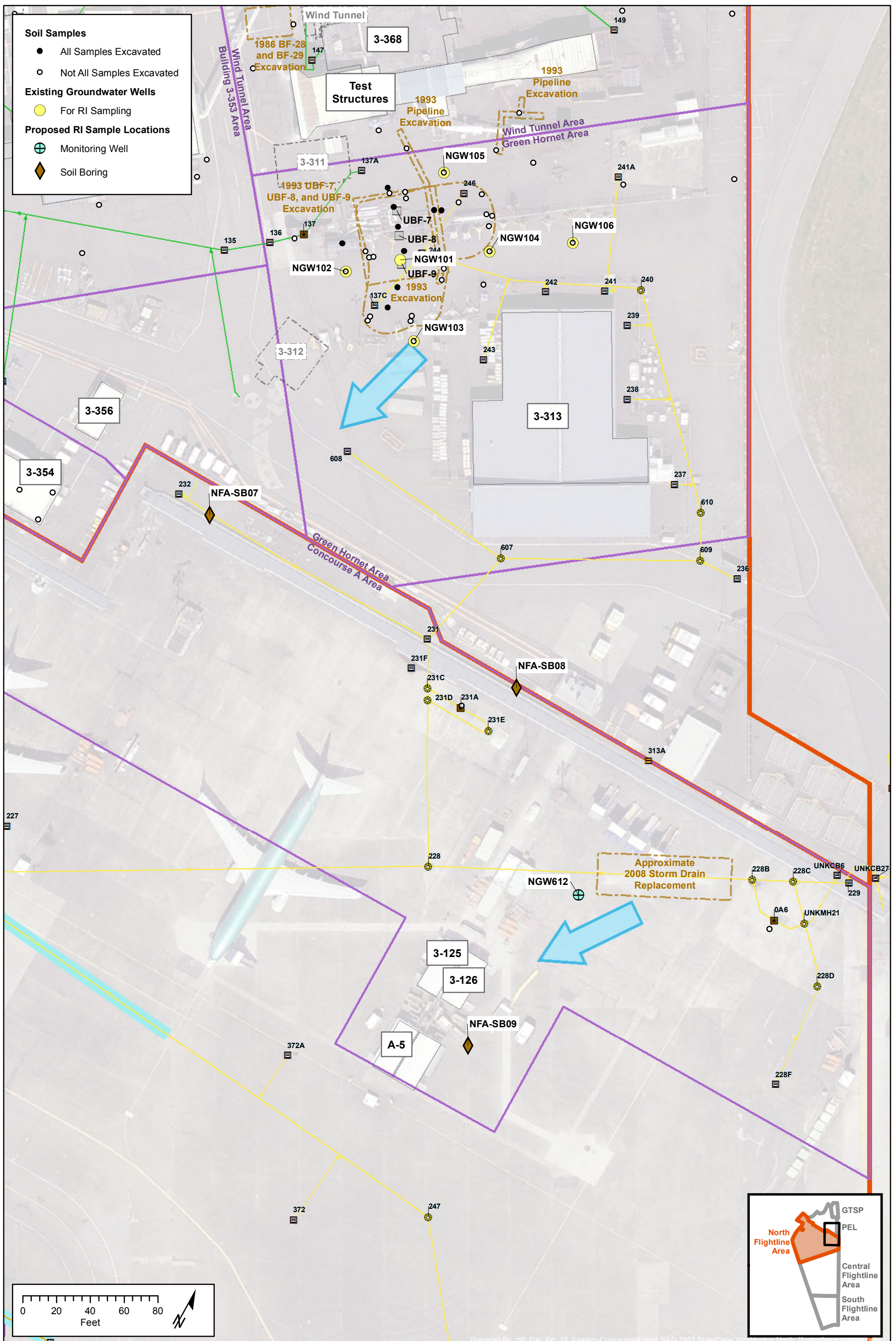
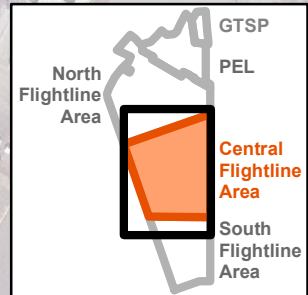
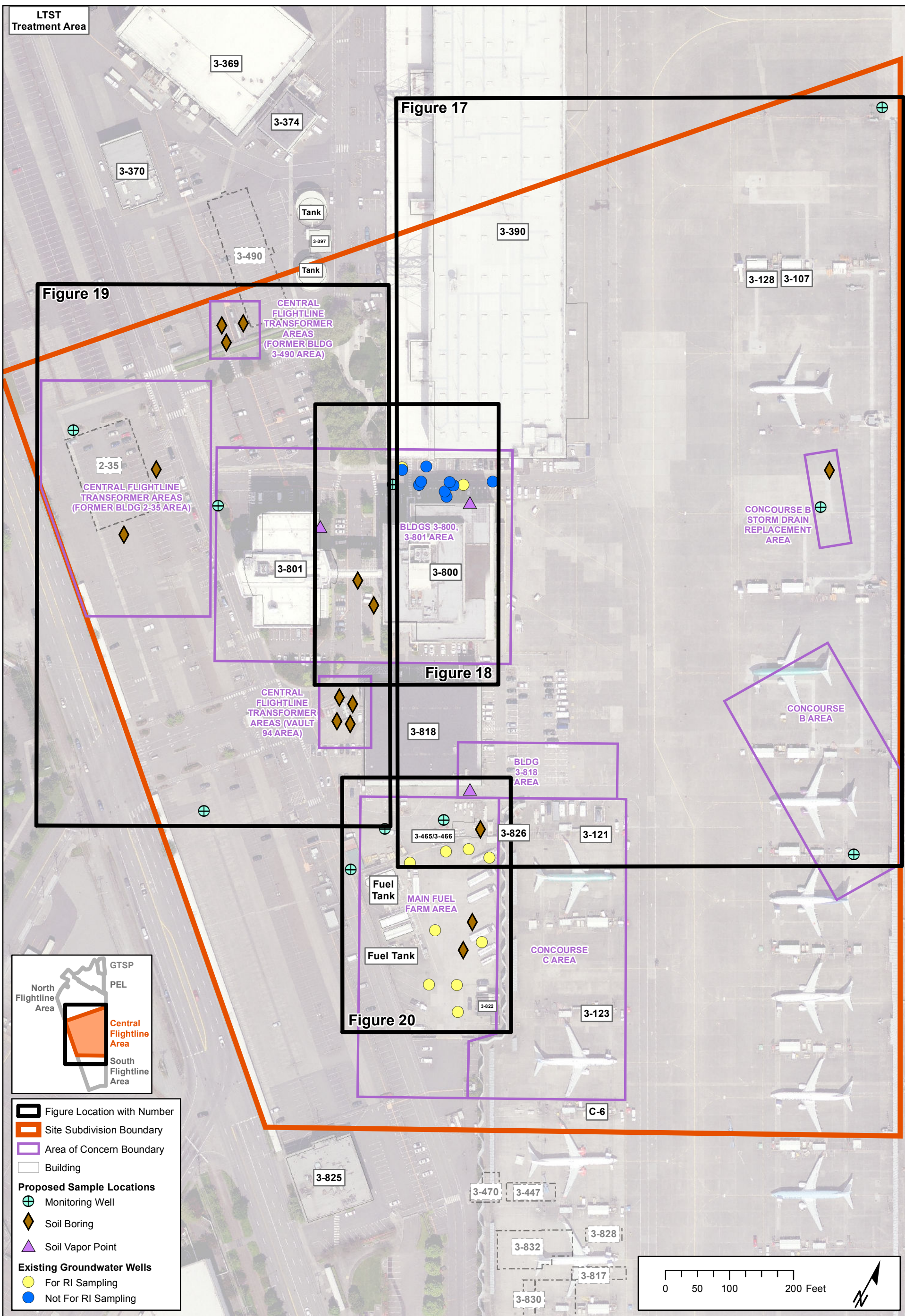


Figure 15. Proposed Soil and Groundwater Sample Locations at Eastern Concourse A Area



- Figure Location with Number
- Site Subdivision Boundary
- Area of Concern Boundary
- Building
- Proposed Sample Locations**
- ⊕ Monitoring Well
- ◆ Soil Boring
- ▲ Soil Vapor Point
- Existing Groundwater Wells**
- For RI Sampling
- Not For RI Sampling

Figure 16. Proposed Soil, Groundwater, and Vapor Point Sample Locations at Central Flightline Area



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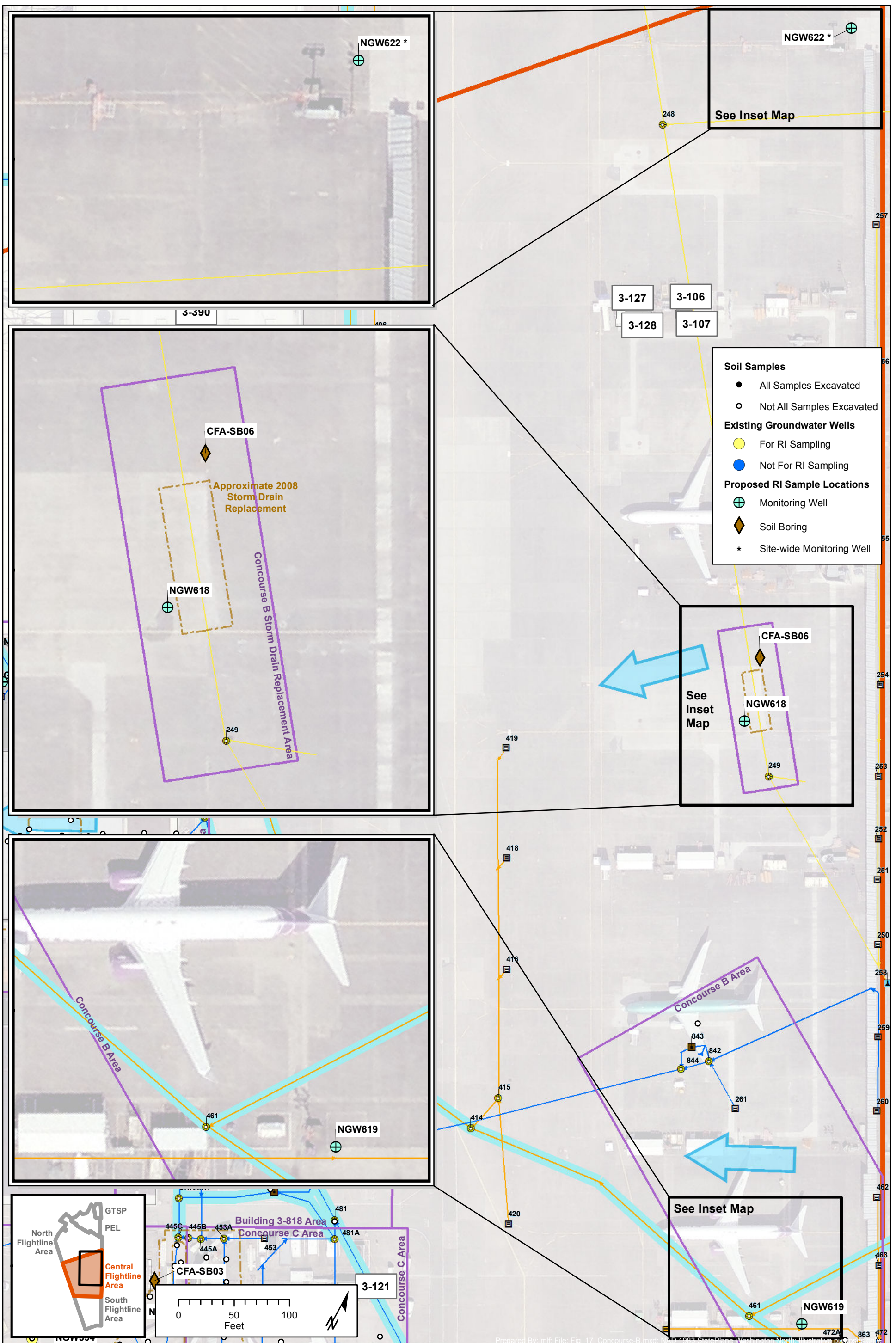


Figure 17. Proposed Soil and Groundwater Sample Locations at Concourse B Area

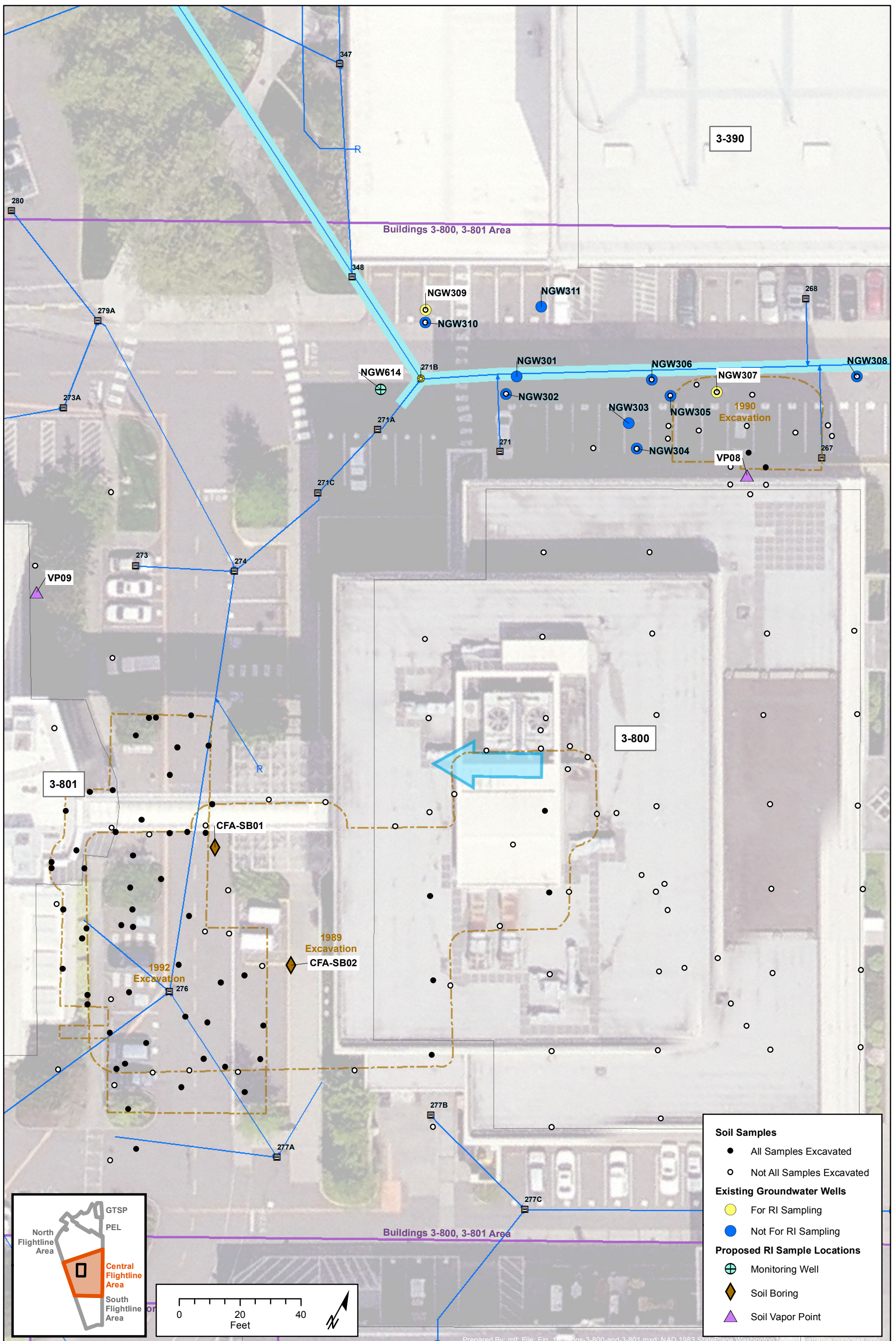


Figure 18. Proposed Soil, Groundwater, and Vapor Point Sample Locations at Buildings 3-800, 3-801 Area

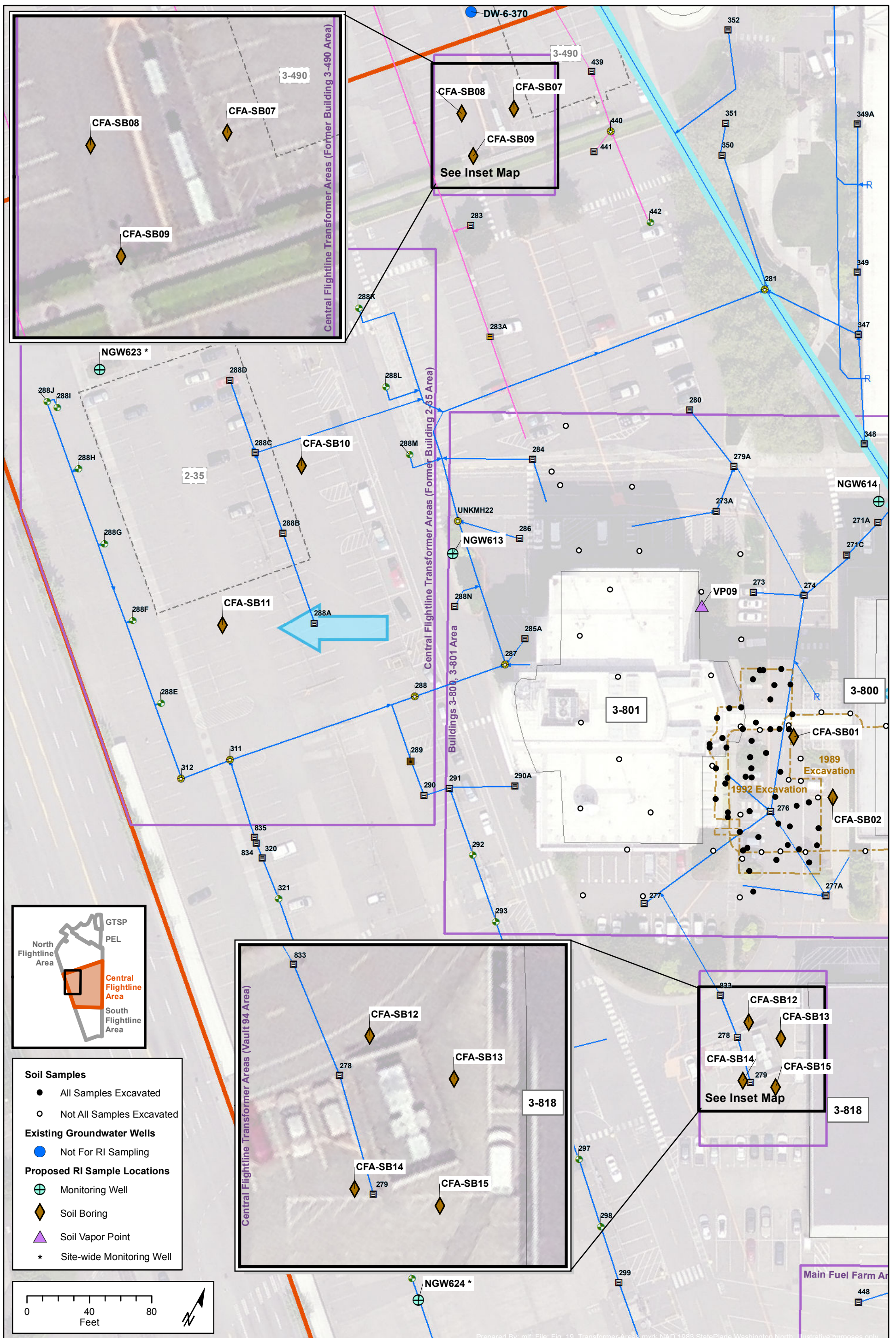


Figure 19. Proposed Soil, Groundwater, and Vapor Point Sample Locations at Central Flightline Transformer Areas

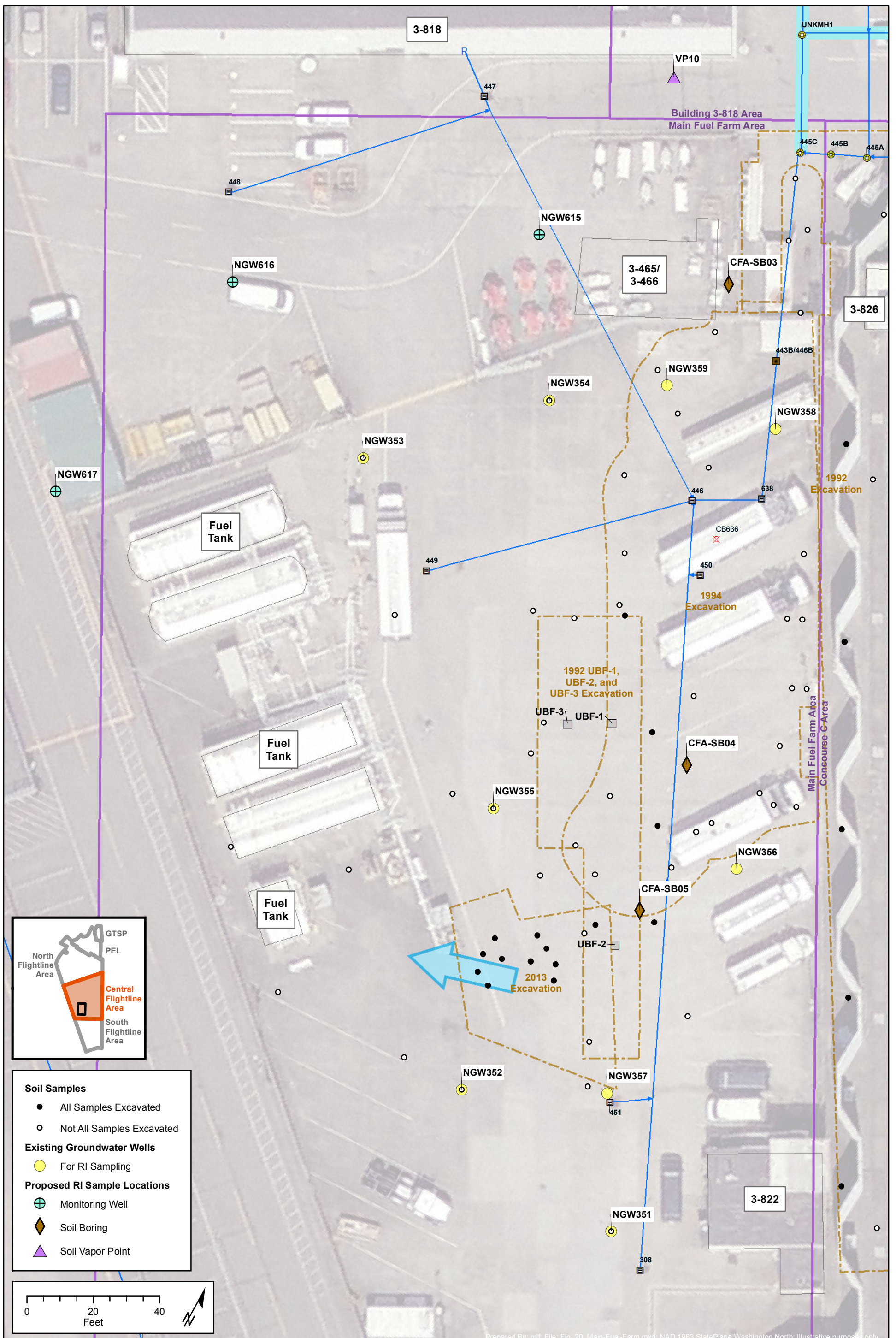


Figure 20. Proposed Soil, Groundwater, and Vapor Point Sample Locations at Main Fuel Farm Area

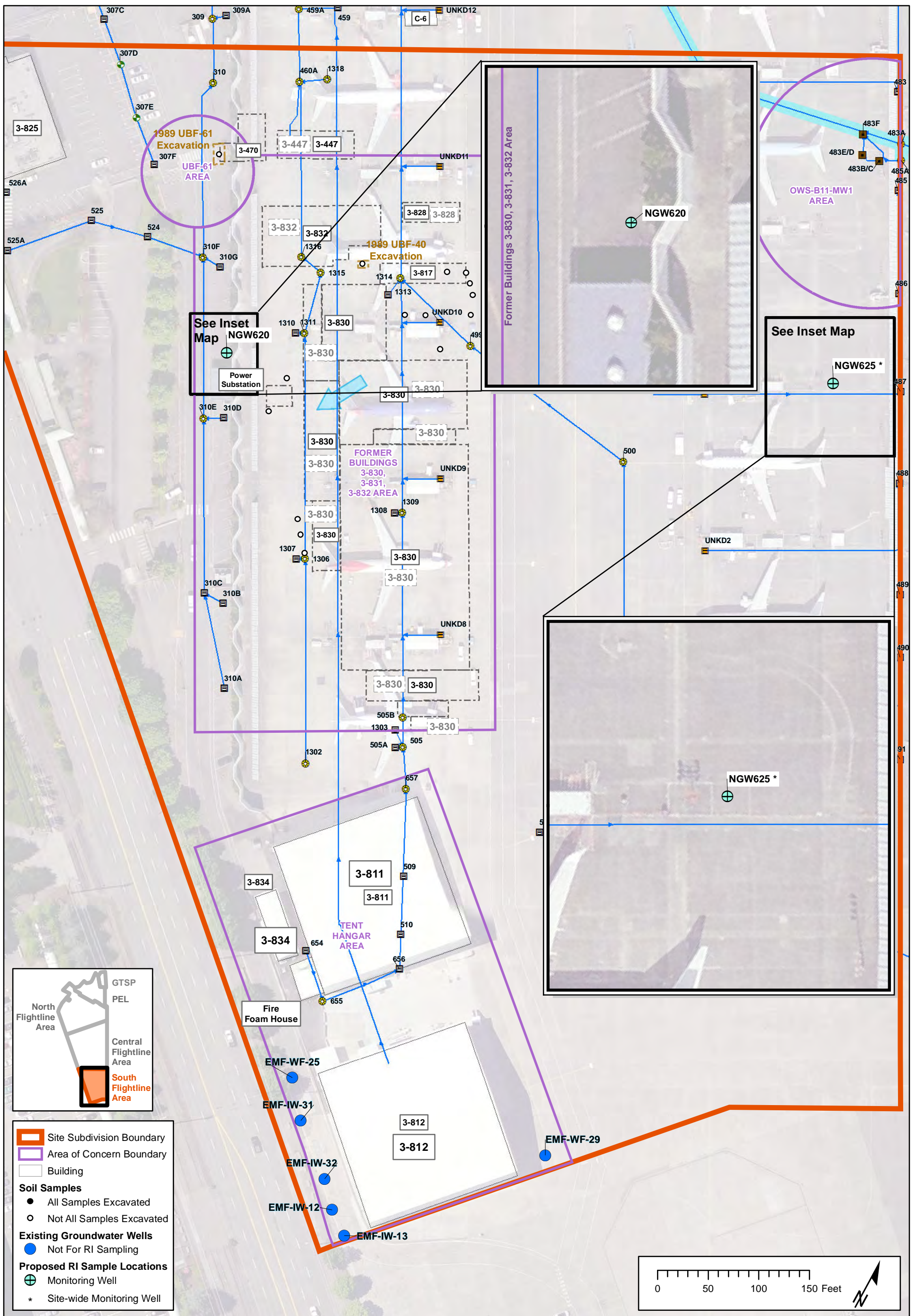


Figure 21. Proposed Soil and Groundwater Sample Locations at South Flightline Area

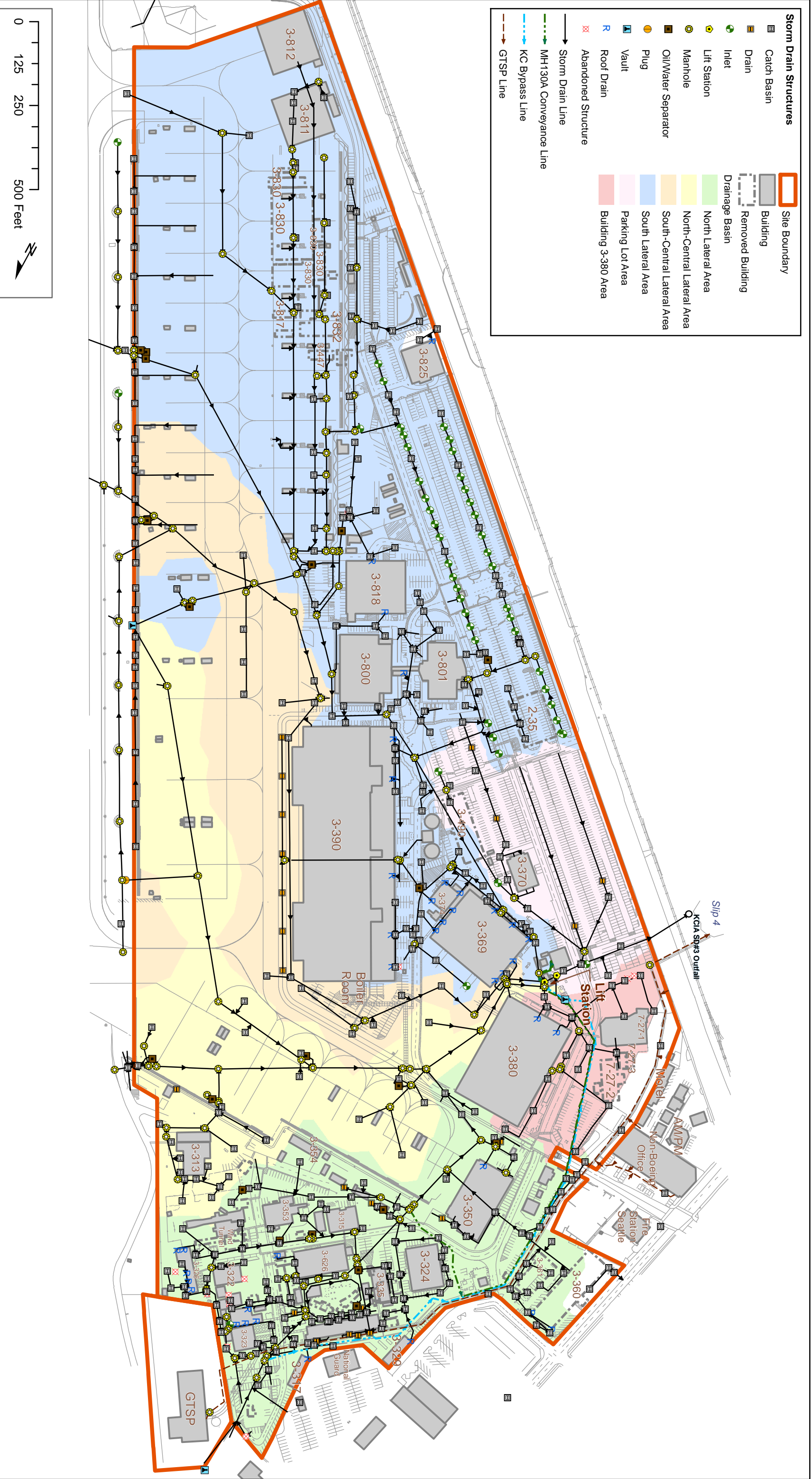


Figure 22. NBF Storm Drain System and Drainage Basins



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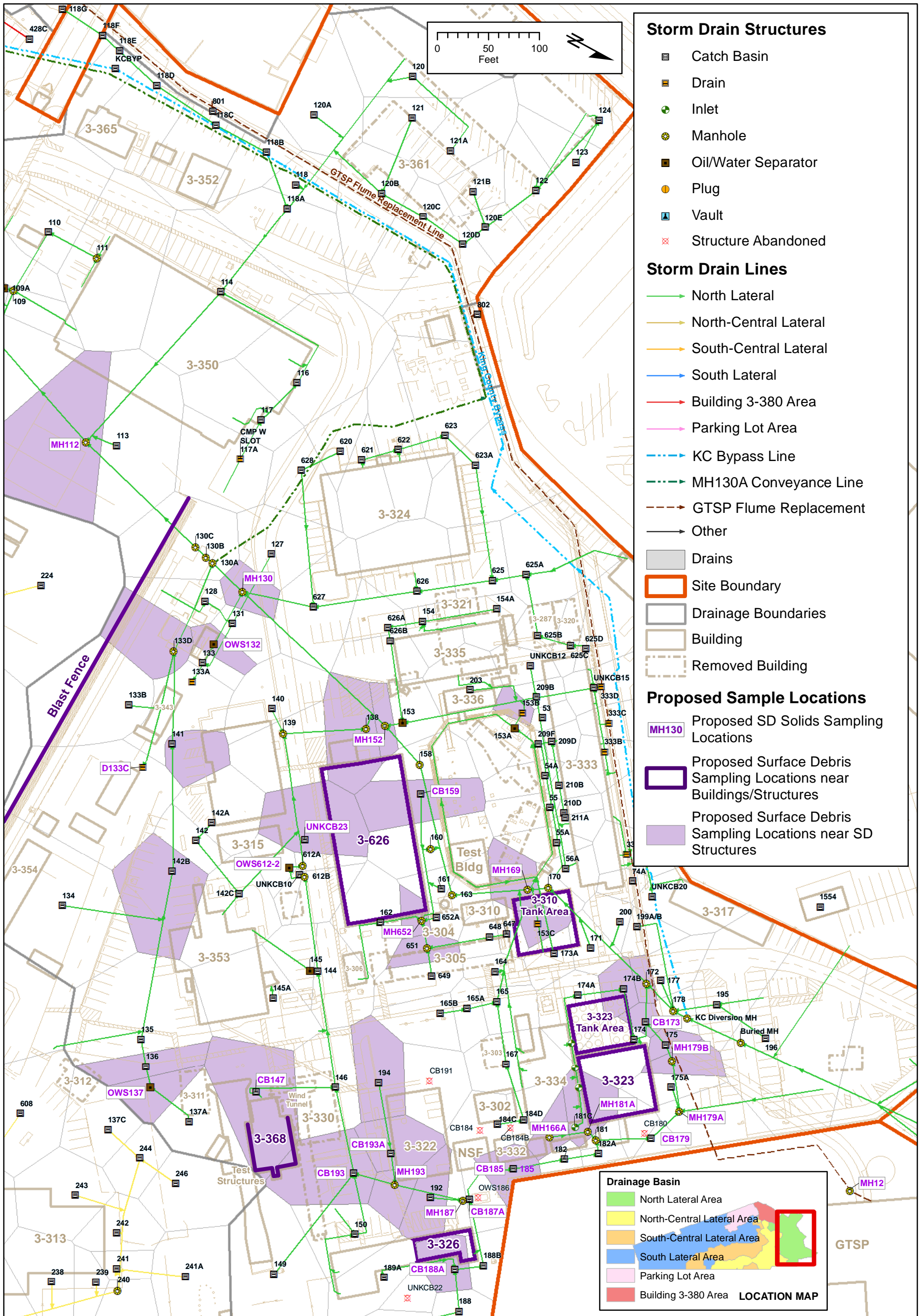


Figure 23. Proposed Storm Drain Solids and Surface Debris Sample Locations at GTSP and PEL Area

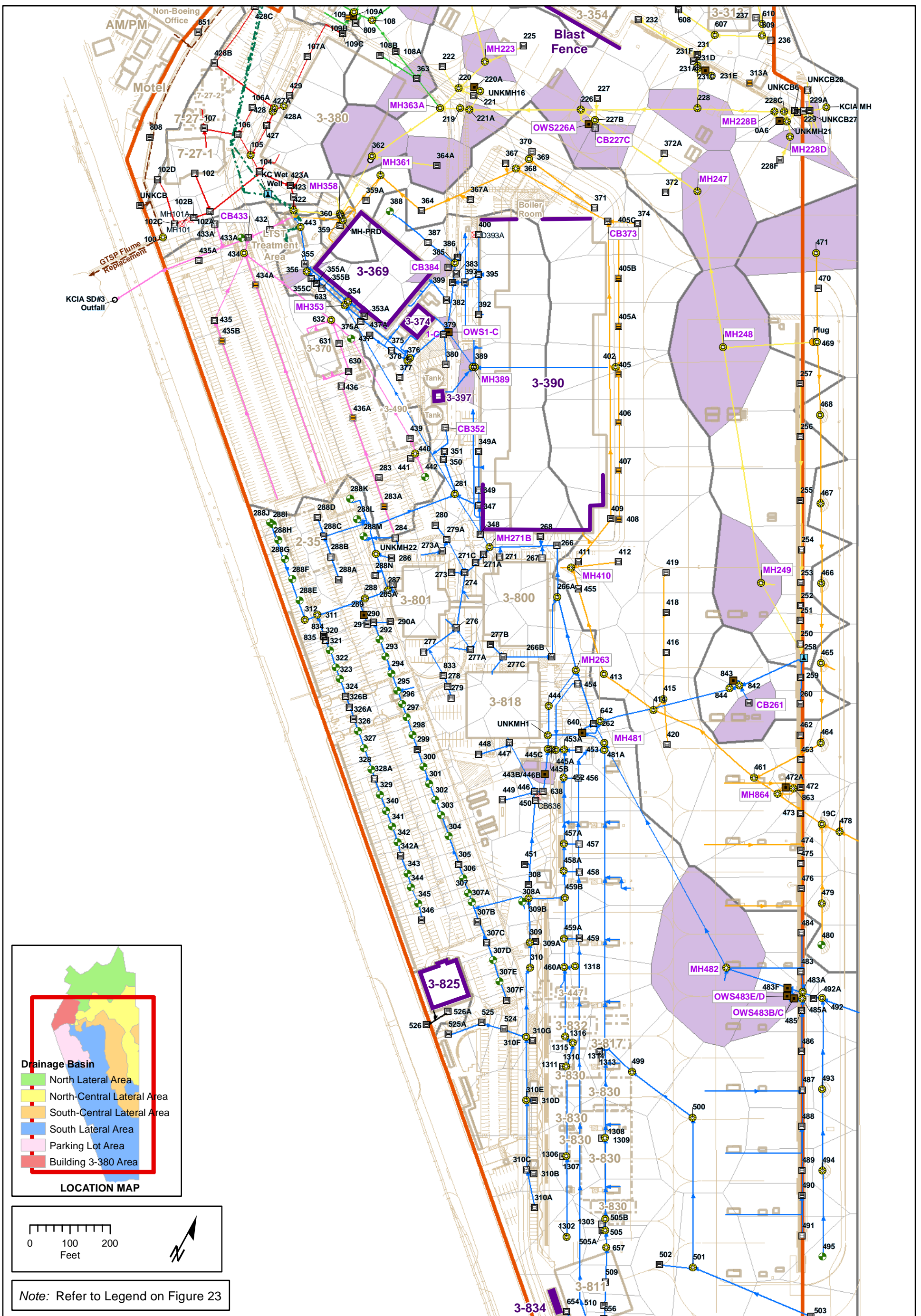


Figure 24. Proposed Storm Drain Solids and Surface Debris Sample Locations at Southern Portion of NBF-GTSP



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