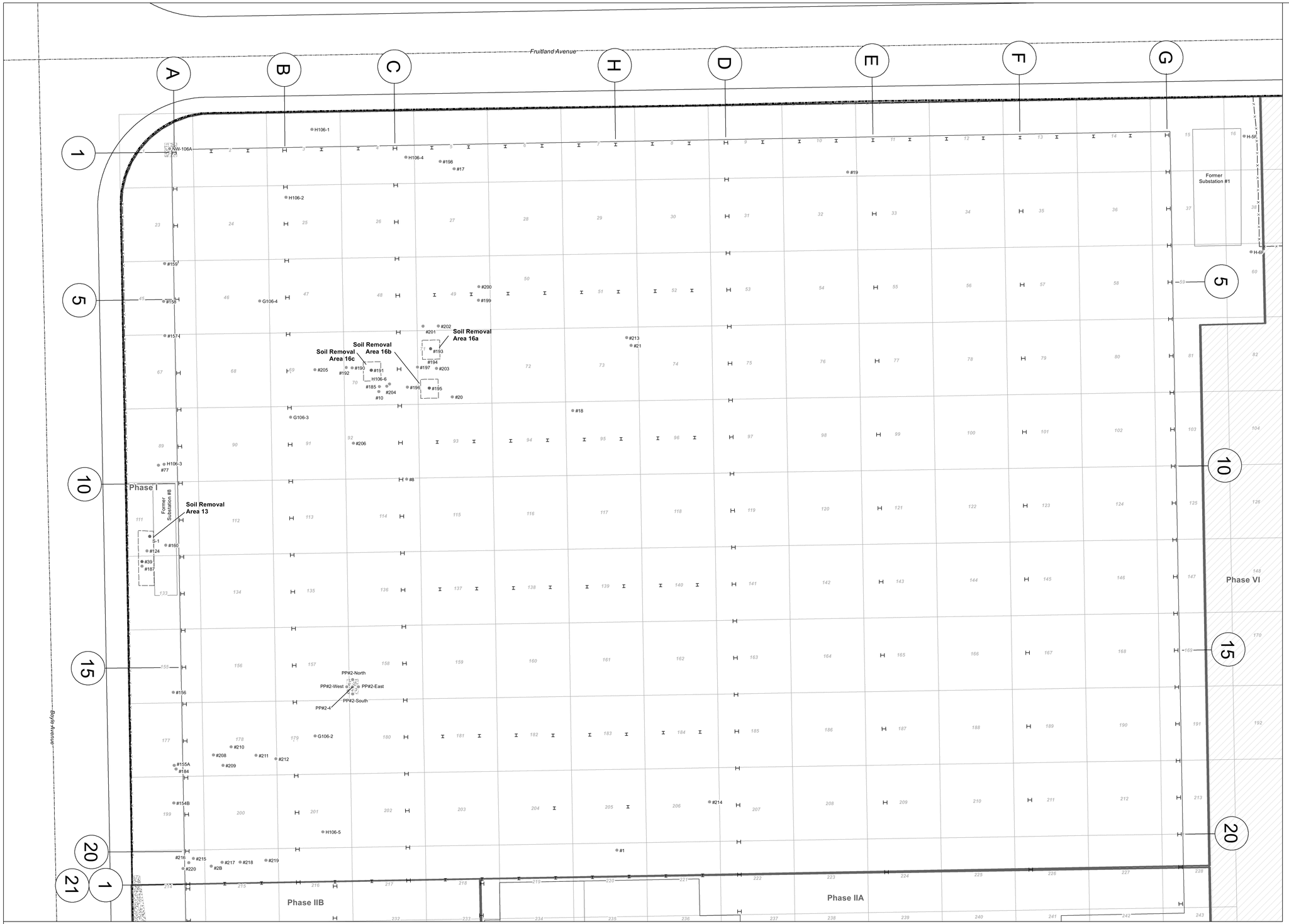

Explanation

- Pre-2013 soil sample location with Polychlorinated Biphenyls (PCBs) above remediation goals
- Pre-2013 soil sample with PCBs below the remediation goals
- Pre-Underground demolition soil removal area
- Paved areas
- Building pad
- Chain link fence
- Railroad tracks (at grade)
- Railroad tracks (buried)
- Site boundary
- Previous excavation area (all previous limits of excavation are approximate)
- Phase boundary
- 168 Sample index grid and reference number
- 1 B Former column and row numbering system
- Footing

Note:

All locations are approximate.

20 10 0 20

Approximate Scale in Feet

Basemap modified from Pechiney Cast Plate, Inc. Site Plan dated January 9, 2002; Aluminum Company of America "Works General-MPA" figure dated October 10, 1984; Los Angeles County Assessor's Office Parcel Map 6310;Sheet 8 dated November 5, 1958; surveys conducted May 31, 2006 and June 6, 2006 by CalVada Surveyors; and surveys conducted October 12, 2011 and September 10, 2013 by Dulin & Boynton.

PRE-2013 PCB SOIL SAMPLE LOCATIONS AND RAP PCB SOIL REMOVAL AREAS
PHASE I AREA
Former Pechiney Cast Plate, Inc. Facility
3200 Fruitland Avenue
Vernon, California

amec foster wheeler

Date: 06/09/2015	Project No.: 10627.003.0	Figure
Submitted By: lc	Drawn By: mww	1

Note: Figure shall be produced in color to maintain information.

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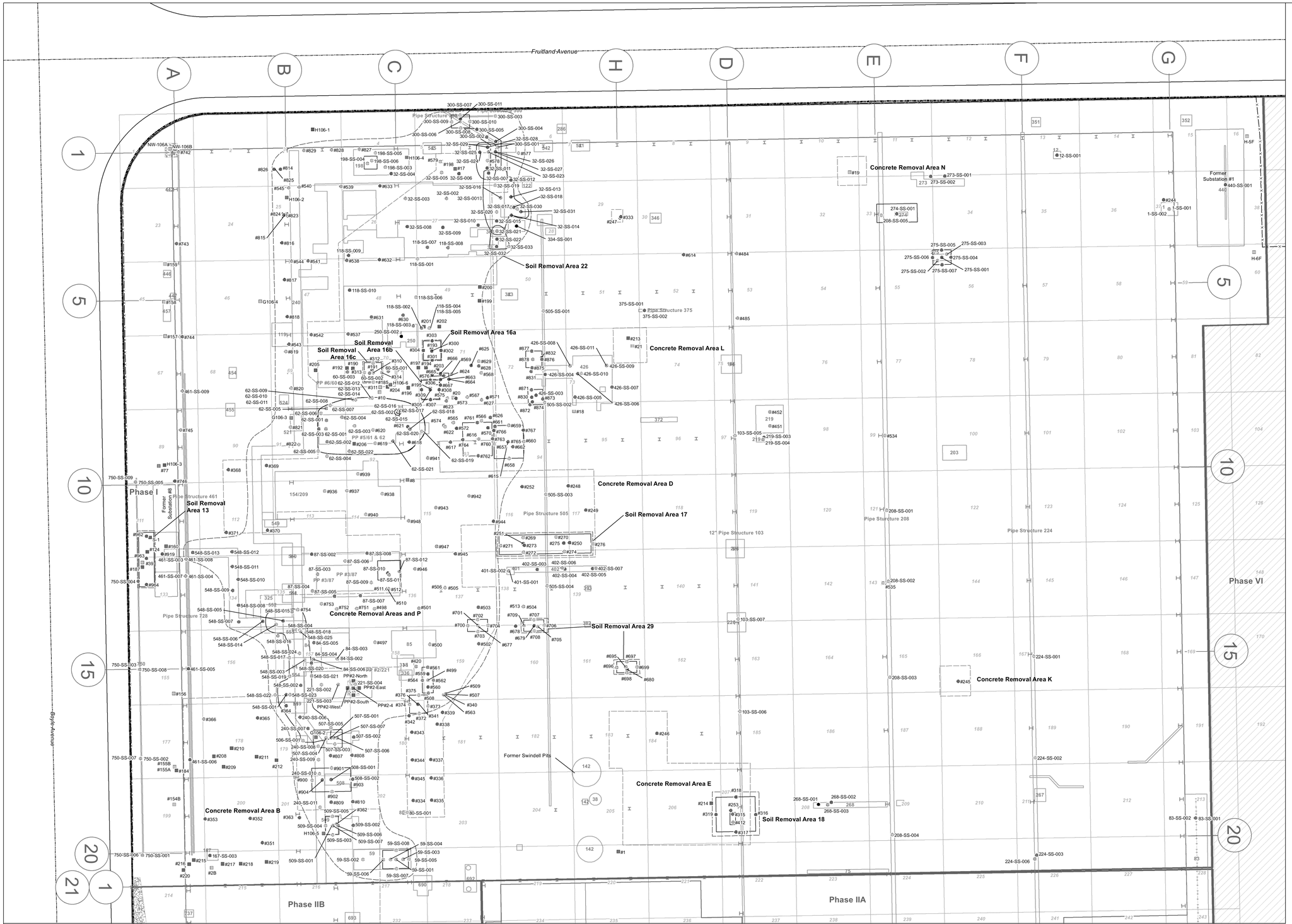

Explanation

Post 2013 soil sample elevations (feet mean sea level [MSL])

- Not Applicable
- 187-185 feet MSL
- 185-183 feet MSL
- 183-181 feet MSL
- 181-179 feet MSL
- 179-177 feet MSL
- 177-175 feet MSL
- 175-173 feet MSL
- 173-171 feet MSL
- 171-169 feet MSL
- 169-167 feet MSL
- 167-166 feet MSL

Pre 2013 soil sample elevations feet MSL

- 187-185 feet MSL
- 185-183 feet MSL
- 183-181 feet MSL
- 181-179 feet MSL
- 177-175 feet MSL
- 175-173 feet MSL
- 171-169 feet MSL
- 167-166 feet MSL
- Below 166 feet MSL
- Soil removal area
- Concrete removal area
- Excavation area
- 273 Approximate location of below grade structure, pipe, or footing with the structure number designation
- Paved areas
- Former building pad
- Chain link fence
- Railroad tracks (at grade)
- Railroad tracks (removed)
- Site boundary
- Previous excavation area (all previous limits of excavation are approximate)
- Phase boundary
- 168 Sample index grid and reference number
- (1) (B) Former column and row numbering system
- Former footing
- PP Press Pit

Notes:

1. All locations are approximate.
2. Sample index grid and reference numbers are provided as a means of locating samples listed in the data tables. The grid system excludes stockpile samples.
3. Sample reference elevation is 187 feet MSL. Native grade elevation for the Phase I Area is set at 183 feet MSL relative to the eastern parking lot using the North American Vertical Datum 88 (NAVD88).
4. Soil removal areas are considered the limits of the work area rather than the limits of the soil excavation. Soil excavation areas are shown as a solid black line.

N

20 10 0 20
Approximate Scale in Feet

Basemap modified from Pechiney Cast Plate, Inc. Site Plan dated January 9, 2002; Aluminum Company of America "Works General-MPA" figure dated October 10, 1984; Los Angeles County Assessor's Office Parcel Map 6310;Sheet 8 dated November 5, 1958; surveys conducted May 31, 2006 and June 6, 2006 by CalVada Surveyors; and surveys conducted October 12, 2011 and September 10, 2013 by Dulin & Boynton.

2013 AND 2014 PCB SOIL SAMPLE LOCATIONS
AND PCB SOIL REMOVAL AREAS
PHASE I AREA
Former Pechiney Cast Plate, Inc. Facility
3200 Fruitland Avenue
Vernon, California

amec foster wheeler

Date: 06/09/2015	Project No.: 10627.003.0	Figure
Submitted By: lc	Drawn By: mww	2

Note: Figure shall be produced in color to maintain information.

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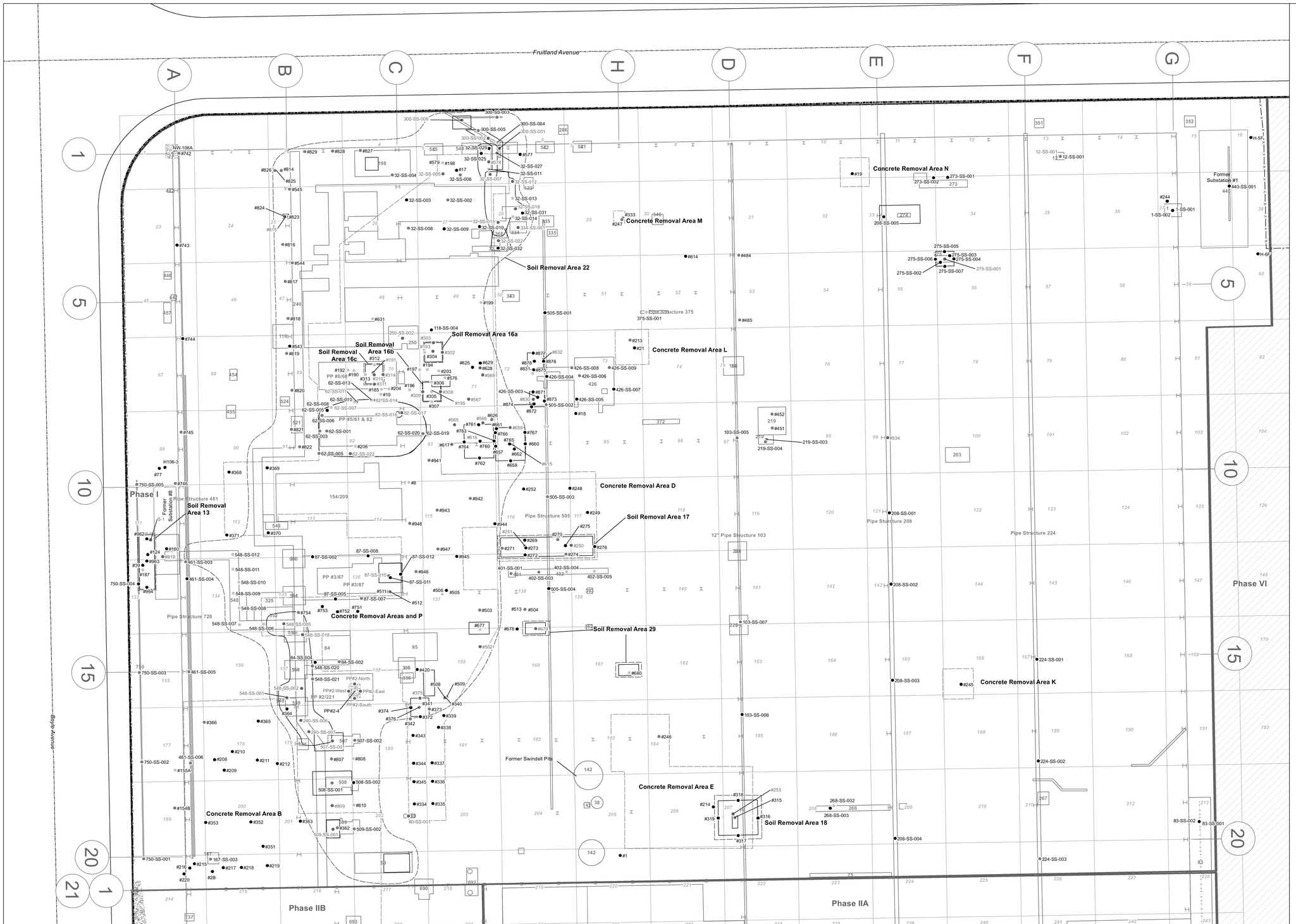

Explanation

- Polychlorinated Biphenyls (PCBs) in soil reported as not detected
- PCBs in soil below the site-specific remediation goal of 3.5 milligrams per kilogram (mg/kg)
- PCBs in soil below site-specific remediation goal of 3.5 mg/kg, but excavated due to structure removal or other soil removals
- PCBs in soil above site-specific remediation goal of 3.5 mg/kg
- Excavated soil sample
- Soil removal area
- Concrete removal area
- Excavation area
- 273 — Approximate location of below grade structure, pipe, or footing with the structure number designation
- Paved areas
- Former building pad
- Chain link fence
- Railroad tracks (at grade)
- Railroad tracks (removed)
- Site boundary
- Previous excavation area (all previous limits of excavation are approximate)
- Phase boundary
- 168 — Sample index grid and reference number
- (1) (B) — Former column and row numbering system
- Former footing
- PP — Press Pit

Notes:

1. All locations are approximate.
2. Total PCBs reported in mg/kg.
3. Sample index grid and reference numbers are provided as a means of locating samples listed in the data tables. The grid system excludes stockpile samples.
4. Sample reference elevation is 187 feet Mean Sea Level (MSL). Native grade elevation for the Phase I Area is set at 183 feet MSL relative to the eastern parking lot using the North American Vertical Datum 88 (NAVD88).
5. Soil removal areas are considered the limits of the work area rather than the limits of the soil excavation. Soil excavation areas are shown as a solid black line.
6. The 0-5 foot zone includes soil samples with an elevation greater than 178 feet MSL.

N

20 10 0 20
Approximate Scale in Feet

Basemap modified from Pechiney Cast Plate, Inc. Site Plan dated January 9, 2002; Aluminum Company of America "Works General-MPA" figure dated October 10, 1984; Los Angeles County Assessor's Office Parcel Map 6310;Sheet 8 dated November 5, 1958; surveys conducted May 31, 2006 and June 6, 2006 by CalVada Surveyors; and surveys conducted October 12, 2011 and September 10, 2013 by Dulin & Boynton.

2013 AND 2104 PCB SOIL REMOVAL AREAS AND PCB SAMPLE LOCATIONS FOR 0 TO 5 FEET PHASE I AREA
Former Pechiney Cast Plate, Inc. Facility
3200 Fruitland Avenue
Vernon, California

amec foster wheeler

Date: 06/09/2015	Project No.: 10627.003.0	Figure
Submitted By: lc	Drawn By: mww	3

Note: Figure shall be produced in color to maintain information.

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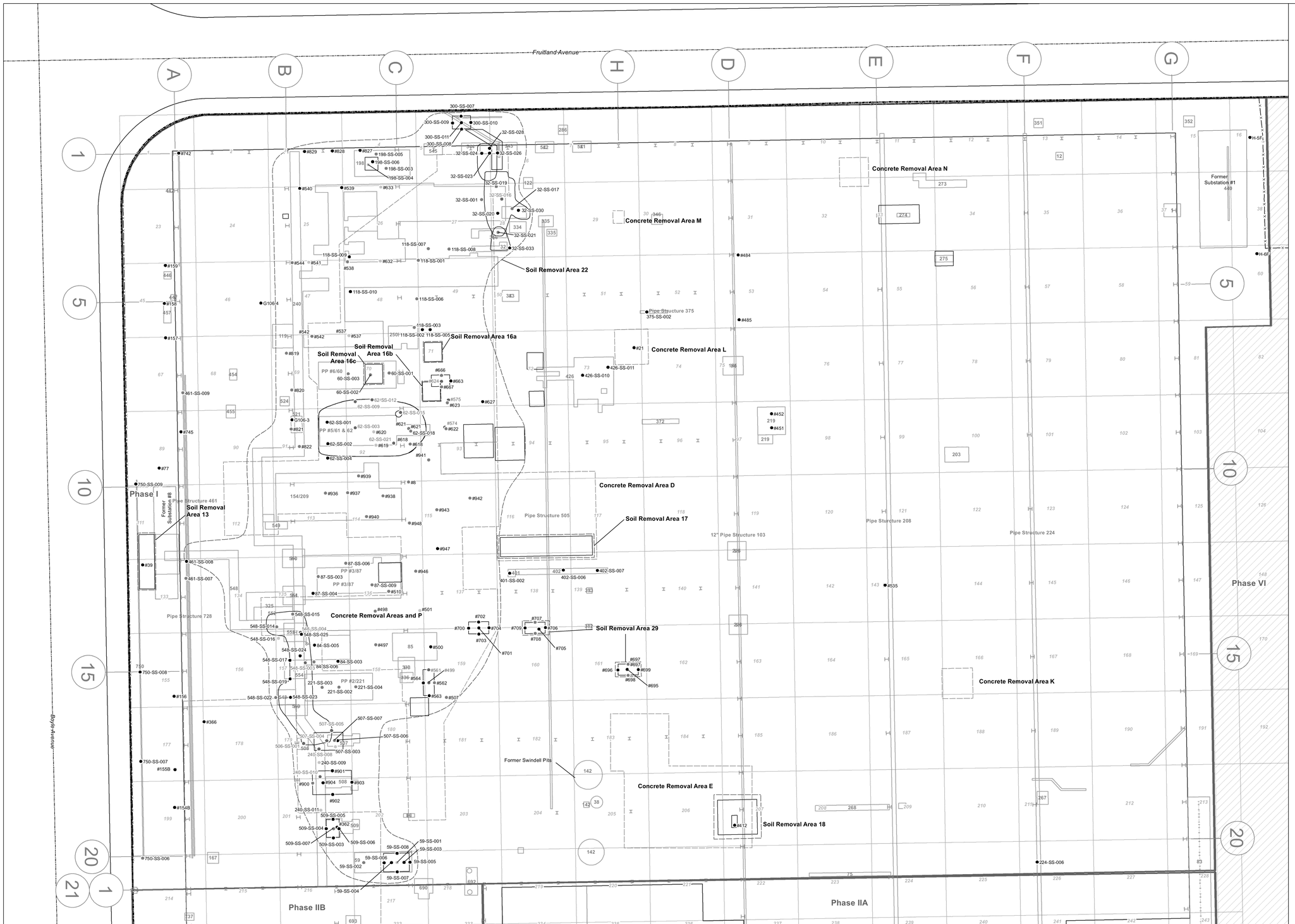

Explanation

- Polychlorinated Biphenyls (PCBs) in soil reported as not detected
- PCBs in soil below the site-specific remediation goal of 23 milligrams per kilogram (mg/kg)
- PCBs in soil below site-specific remediation goal of 23 mg/kg, but excavated due to structure removal or other soil removals
- PCBs in soil above site-specific remediation goal of 23 mg/kg
- Excavated soil sample
- Soil removal area
- Concrete removal area
- Excavation area
- 273 — Approximate location of below grade structure, pipe, or footing with the structure number designation
- Paved areas
- Former building pad
- Chain link fence
- Railroad tracks (at grade)
- Railroad tracks (removed)
- Site boundary
- Phase boundary
- 168 — Sample index grid and reference number
- (1) (B) — Former column and row numbering system
- Former footing
- PP — Press Pit

Notes:

1. All locations are approximate.
2. Total PCBs reported in mg/kg.
3. Sample index grid and reference numbers are provided as a means of locating samples listed in the data tables. The grid system excludes stockpile samples.
4. Sample reference elevation is 187 feet Mean Sea Level (MSL). Native grade elevation for the Phase I Area is set at 183 feet MSL relative to the eastern parking lot using the North American Vertical Datum 88 (NAVD88).
5. Soil removal areas are considered the limits of the work area rather than the limits of the soil excavation. Soil excavation areas are shown as a solid black line.
6. The 5-15 foot zone includes soil samples with an elevation of 178 to greater than 168 feet MSL.

N

20 10 0 20
Approximate Scale in Feet

Basemap modified from Pechiney Cast Plate, Inc. Site Plan dated January 9, 2002; Aluminum Company of America "Works General-MPA" figure dated October 10, 1984; Los Angeles County Assessor's Office Parcel Map 6310/Sheet 8 dated November 5, 1958; surveys conducted May 31, 2006 and June 6, 2006 by CalVada Surveyors; and surveys conducted October 12, 2011 and September 10, 2013 by Dulin & Boynton.

2013 AND 2104 PCB SOIL REMOVAL AREAS
AND PCB SAMPLE LOCATIONS FOR 5 TO 15 FEET
PHASE I AREA
Former Pechiney Cast Plate, Inc. Facility
3200 Fruitland Avenue
Vernon, California

amec foster wheeler

Date: 06/09/2015	Project No.: 10627.003.0	Figure
Submitted By: lc	Drawn By: mww	4

Note: Figure shall be produced in color to maintain information.

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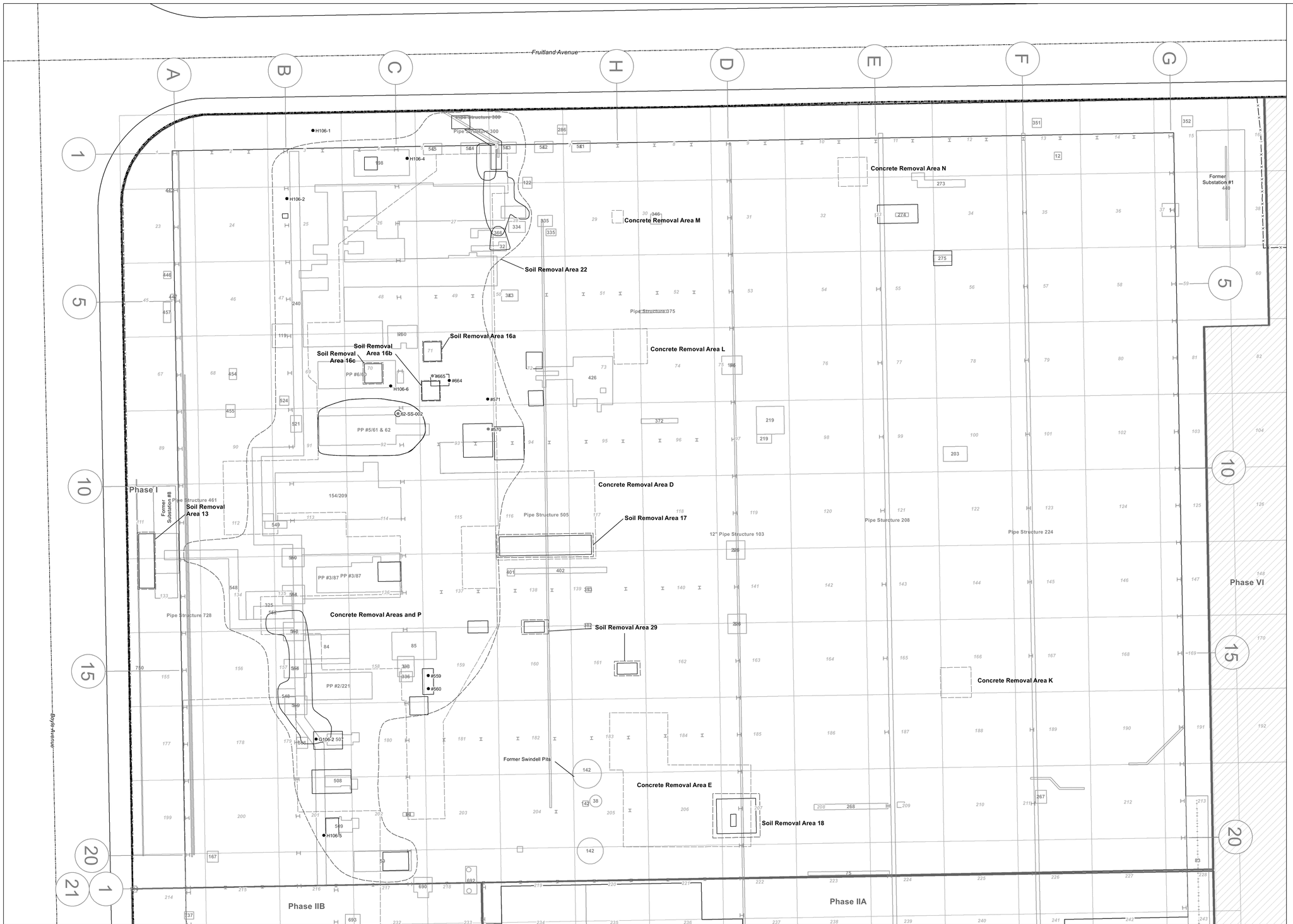

Explanation

- Polychlorinated Biphenyls (PCBs) in soil reported as not detected
- PCBs in soil below the site-specific remediation goal of 23 milligrams per kilogram (mg/kg)
- PCBs in soil below site-specific remediation goal of 23 mg/kg, but excavated due to structure removal or other soil removals
- PCBs in soil above site-specific remediation goal of 23 mg/kg
- Excavated soil sample
- Soil removal area
- Concrete removal area
- Excavation area
- 273 — Approximate location of below grade structure, pipe, or footing with the structure number designation
- Paved areas
- Former building pad
- Chain link fence
- Railroad tracks (at grade)
- Railroad tracks (removed)
- Site boundary
- Phase boundary
- 168 — Sample index grid and reference number
- (1) (B) — Former column and row numbering system
- Former footing
- PP — Press Pit

Notes:

1. All locations are approximate.
2. Total PCBs reported in mg/kg.
3. Sample index grid and reference numbers are provided as a means of locating samples listed in the data tables. The grid system excludes stockpile samples.
4. Sample reference elevation is 187 feet Mean Sea Level (MSL). Native grade elevation for the Phase I Area is set at 183 feet MSL relative to the eastern parking lot using the North American Vertical Datum 88 (NAVD88).
5. Soil removal areas are considered the limits of the work area rather than the limits of the soil excavation. Soil excavation areas are shown as a solid black line.
6. The below 15 foot zone includes soil samples at elevations less than or equal to 168 feet MSL.

N

20 10 0 20
Approximate Scale in Feet

Basemap modified from Pechiney Cast Plate, Inc. Site Plan dated January 9, 2002; Aluminum Company of America "Works General-MPA" figure dated October 10, 1984; Los Angeles County Assessor's Office Parcel Map 6310/Sheet 8 dated November 5, 1958; surveys conducted May 31, 2006 and June 6, 2006 by CalVada Surveyors; and surveys conducted October 12, 2011 and September 10, 2013 by Dulin & Boynton.

2013 AND 2104 PCB SOIL REMOVAL AREAS
AND PCB SAMPLE LOCATIONS BELOW 15 FEET
PHASE I AREA
Former Pechiney Cast Plate, Inc. Facility
3200 Fruitland Avenue
Vernon, California

amec foster wheeler

Date: 06/09/2015	Project No.: 10627.003.0	Figure
Submitted By: lc	Drawn By: mww	5

Note: Figure shall be produced in color to maintain information.

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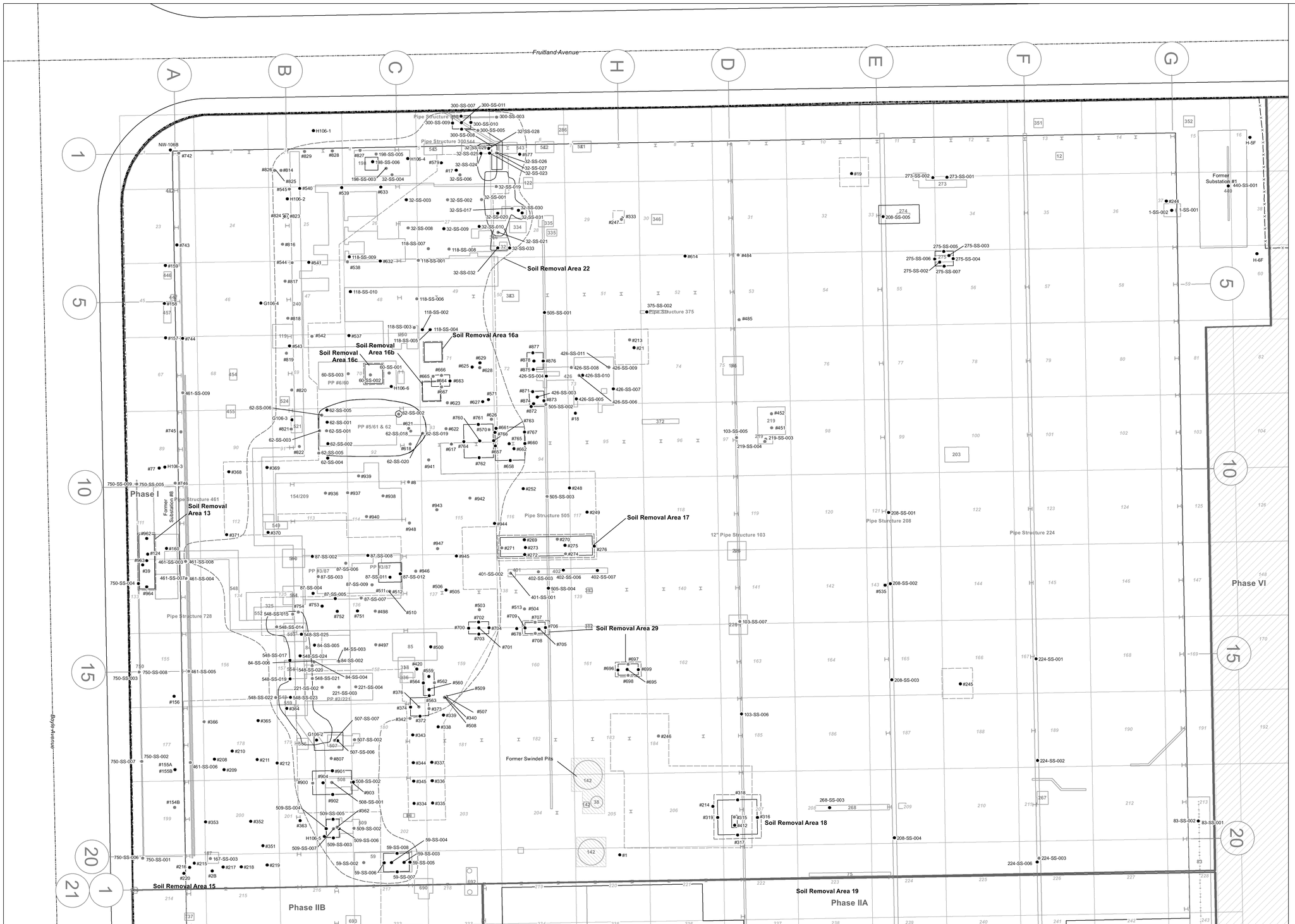

Explanation

- Polychlorinated Biphenyls (PCBs) in soil below detection limits and remain in place
- PCBs in soil below site-specific remediation goals and above detection limits and remain in place
- PCBs in soil above site-specific remediation goals and remain in place
- Soil removal area
- Concrete removal area
- Excavation area
- 273 — Approximate location of below grade structure, pipe, or footing with the structure number designation
- Concrete cover with orange underground warning barrier (UWB)
- Deeper structure with concrete cover
- Below grade structure with concrete cover with orange UWB
- Previously decommissioned and concrete capped buried structures (1A, 1B, and 1C) and concrete slab (1D) [Ursic, 1999]
- Paved areas
- Former building pad
- Chain link fence
- Railroad tracks (at grade)
- Railroad tracks (removed)
- Site boundary
- Phase boundary
- 168 — Sample index grid and reference number
- (1) (B) Former column and row numbering system
- Former footing
- PP Press Pit

Notes:

1. All locations are approximate.
2. Total PCBs reported in mg/kg.
3. Sample index grid and reference numbers are provided as a means of locating samples listed in the data tables. The grid system excludes stockpile samples.
4. Sample reference elevation is 187 feet Mean Sea Level (MSL). Native grade elevation for the Phase I Area is set at 183 feet MSL relative to the eastern parking lot using the North American Vertical Datum 88 (NAVD88).
5. Soil removal areas are considered the limits of the work area rather than the limits of the soil excavation. Soil excavation areas are shown as a solid black line.

N

20 10 0 20
Approximate Scale in Feet

Basemap modified from Pechiney Cast Plate, Inc. Site Plan dated January 9, 2002; Aluminum Company of America "Works General-MPA" figure dated October 10, 1984; Los Angeles County Assessor's Office Parcel Map 6310/Sheet 8 dated November 5, 1958; surveys conducted May 31, 2006 and June 6, 2006 by CalVada Surveyors; and surveys conducted October 12, 2011 and September 10, 2013 by Dulin & Boynton.

Note: Figure shall be produced in color to maintain information.

PCB SOIL SAMPLES REMAINING IN PLACE
PHASE I AREA
Former Pechiney Cast Plate, Inc. Facility
3200 Fruitland Avenue
Vernon, California

amec foster wheeler

Date: 06/09/2015	Project No.: 10627.003.0	Figure
Submitted By: lc	Drawn By: mww	6

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