

File: V:\PROJECTS\ANY\CIVDATA\14357\FIGURES\14357_FIGURE 2A-2B.DWG Saved: 4/25/2012 1:36:50 PM Plotted: 4/25/2012 3:34:52 PM User: Kane, Peter

MAP NOTES

MAP REFERENCES:

- 1. NEW YORK STATE OFFICE OF GENERAL SERVICES – BUREAU OF LAND MANAGEMENT MAP No. 1844, AS PREPARED BY CHAZEN ENGINEERING & LAND SURVEYING Co., P.C., DATED MARCH 11, 2000 AND LAST REVISED FEBRUARY 12, 2001.
- 2. "LANDS TO BE DEDICATED AS PARKLAND AND REMAINDER OF DELAVAL SITE" CITY OF POUGHKEEPSIE, DUTCHESS COUNTY, NY., AS PREPARED BY ROY EDWARD TELLIER, L.L.S., DATED JUNE 13, 2004.
- 3. "STATE OF NEW YORK OFFICE OF GENERAL SERVICES SUBMERGED LAND APPLICATION MAP IN THE APPLICATION OF THE CITY OF POUGHKEEPSIE FOR A GRANT OF LANDS UNDER THE WATERS OF THE HUDSON RIVER" CITY OF POUGHKEEPSIE, COUNTY OF DUTCHESS, STATE OF NEW YORK AS PREPARED BY CHA INC. DATED NOVEMBER 24, 2009 AND LAST REVISED MARCH 15, 2010.

NOTES:

- 1. BASE MAPPING PREPARED BY CHA FROM A NOVEMBER 2006, NOVEMBER 2009, FEBRUARY 2010, AND FEBRUARY 2012 FIELD SURVEYS.
- 2. NORTH ORIENTATION IS REFERENCED TO MAP REF. No. 1.
- 3. UNDERGROUND UTILITIES ARE NOT SHOWN.
- 4. SUBJECT TO AN UP TO DATE ABSTRACT OF TITLE.
- 5. SUBJECT TO ANY RIGHTS, EASEMENTS, COVENANTS, OR RESTRICTIONS OF RECORD.

LEGEND



APPROXIMATE LIMITS
AOCs – (ORIGINAL)



PROPERTY BOUNDARY



SITE BOUNDARY



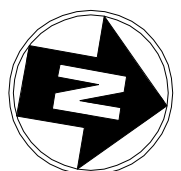
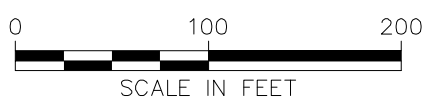
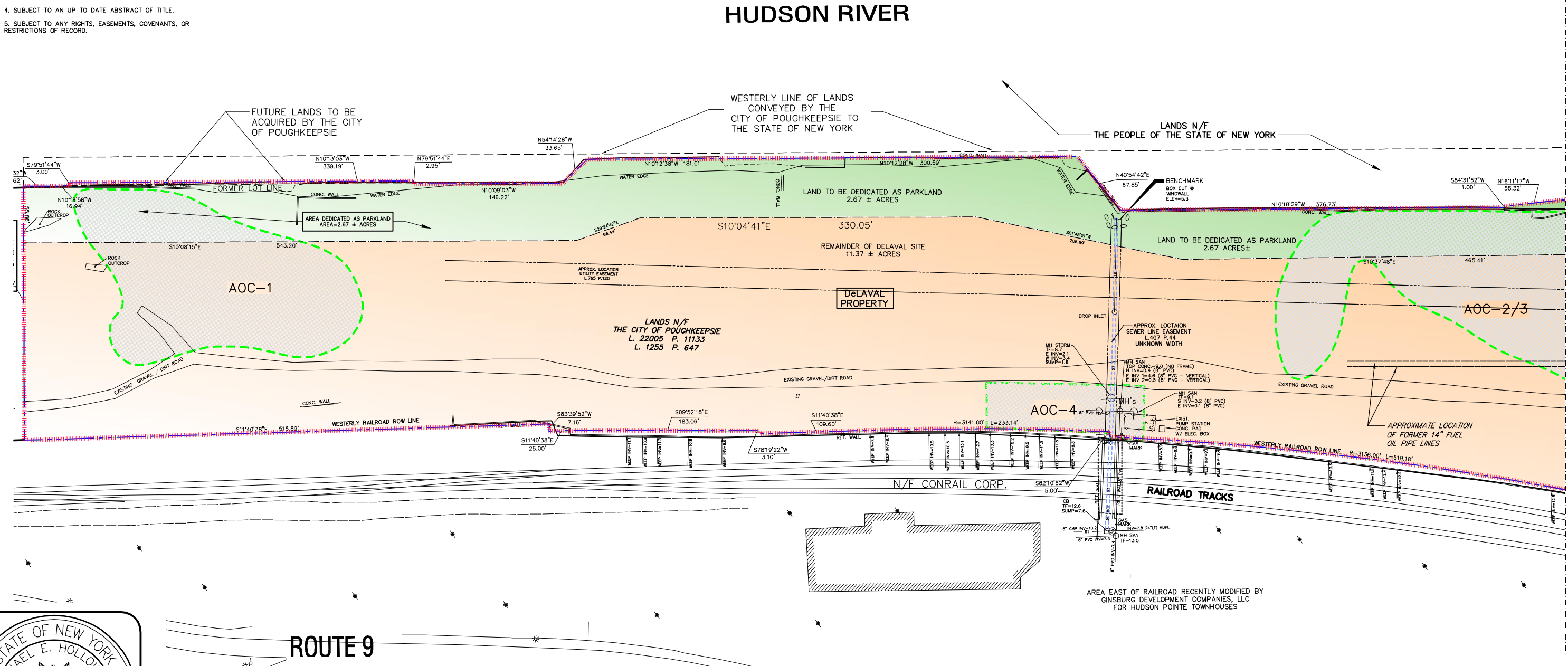
PROJECT SITE AREA
DEDICATED AS
PARKLAND



PROJECT SITE AREA
TO BE REDEVELOPED



PORTION OF PARCEL
EXCLUDED FROM SITE &
ENVIRONMENTAL
EASEMENT



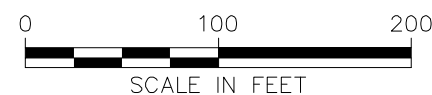
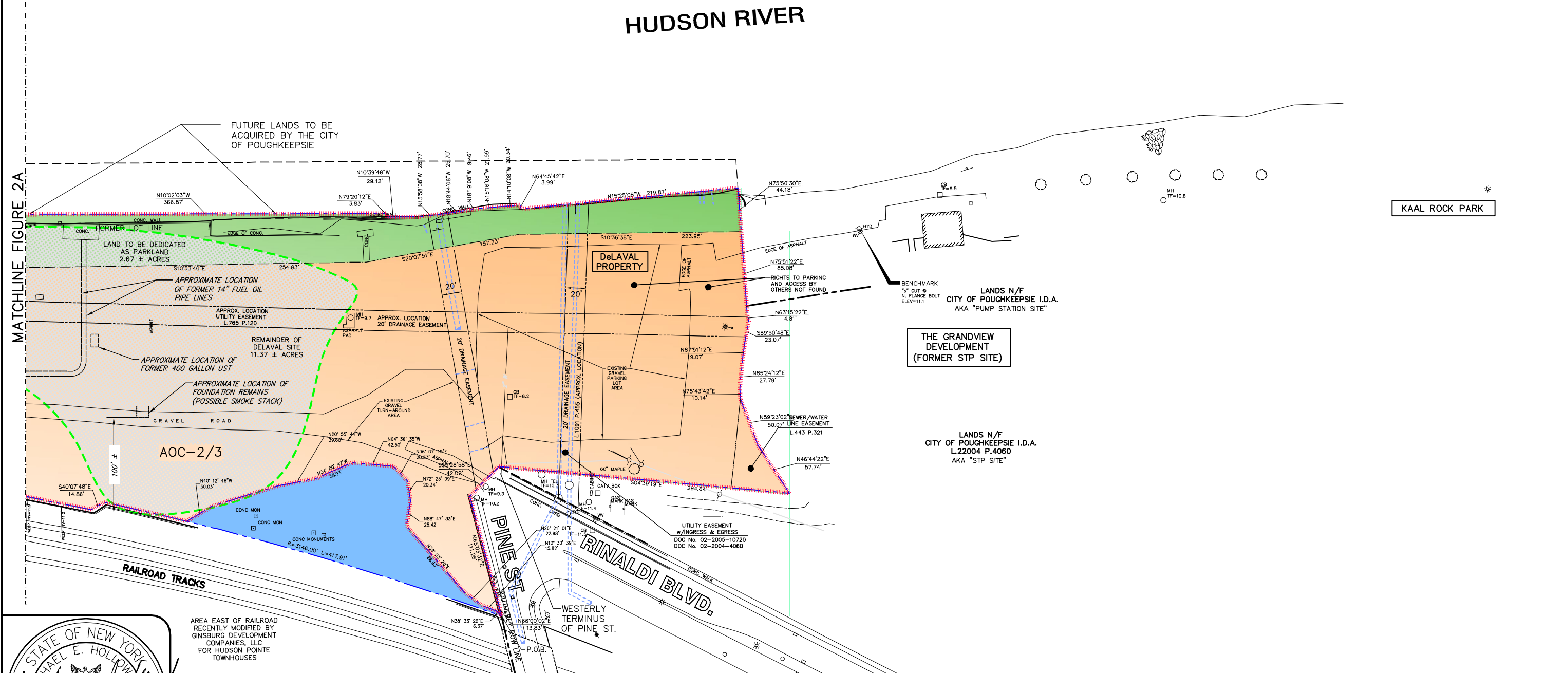
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THE DeLAVAL PROPERTY ENVIRONMENTAL RESTORATION PROGRAM PROJECT CITY OF POUGHKEEPSIE, NY SITE BOUNDARIES & PRE-REMEDIATION CONDITIONS	PROJECT NO. 14357
	DATE: 03/31/12
	FIGURE 2A

MATCHLINE FIGURE 2B



THE DeLAVAL PROPERTY
ENVIRONMENTAL RESTORATION PROGRAM PROJECT
CITY OF POUGHKEEPSIE, NY

SITE BOUNDARIES & PRE-REMEDIATION CONDITIONS

PROJECT NO.
14357

DATE: 03/31/12

FIGURE 2B



ZONE 1 = 381 ± L.F.

ANCHORED BULKHEAD
AZ-26 EPOXY-COATED STEEL SHEET PILES
(SOUTHERN 50' ZONE 1 IS REVETMENT ONLY)

CONCRETE COLLAR
W/ 24" HDPE STORMWATER OUTFALL
INV. ELEV. = 12.22

TOE PROTECTION STONE—

— AREA DEDICATED AS
PARKLAND
AREA=2.67 ± ACRES
OR

AOC-1

AZ-13 STEEL SHEET PILE
DEADMAN - UNCOATED
(SEE RECORD DRAWINGS
FOR ADDITIONAL DETAIL)

— APPROXIMATE ZONE 2
SEDIMENT REMOVAL LIMITS

ГАОС-5

ST MH
T.F. ELEV.=12.
N INV. ELEV.=7.

WEEP HOLE
DRAINAGE SYSTEM

— WEEP HOLE CONNECTION TO
EXISTING RETAINING WALL (TYP.)
(SEE DETAIL 5, FIGURE 7)

		EXIST
	T.F.	ELEV
N	INV.	ELEV
E	INV.	ELEV
S	INV.	ELEV

ST I
T.F. ELEV.=
INVS ELEV.=

AOC-2/3-

-AOC-4A

ST MH-5
T.F. ELEV.=8.21
INVS ELEV.=5.79

ST MH-4
T.F. ELEV.=9.6
INV_s ELEV.=6.0

ZONE 3 = 658± L.F.

CANTILEVERED BULKHEAD
AZ-26 EPOXY-COATED STEEL SHEET PILES

PRECAST CONCRETE HEADWALL
W/ 24" HDPE STORMWATER OUTFALL
INV. ELEV. = +0.20'

PRECAST CONCRETE HEADWALL
W/ 36" RCP STORMWATER OUTFALL
MIN. ELEV. = 0.00'

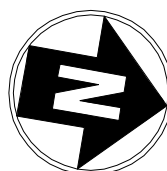
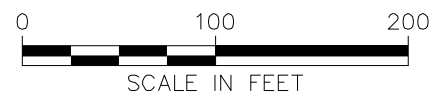
TOE PROTECTION STONE
PRECAST CONCRETE BULKHEAD CAP —

N/F CONRAIL CORP.

RAILROAD TRACKS

ST MH-3
T.F. ELEV.=13.57
INV. ELEV.=7.37

~~DATE 0~~



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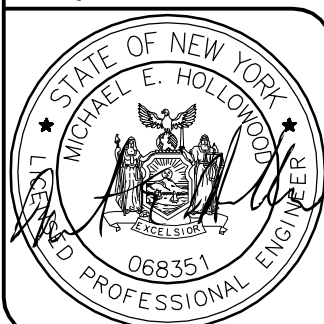
THE DeLAVAL PROPERTY
ENVIRONMENTAL RESTORATION PROGRAM PROJECT
CITY OF POUGHKEEPSIE, NY

**AS-BUILT LOCATIONS OF BULKHEADS, REVETMENT,
UTILITIES & AOC EXCAVATIONS**

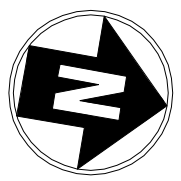
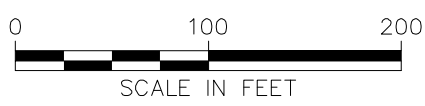
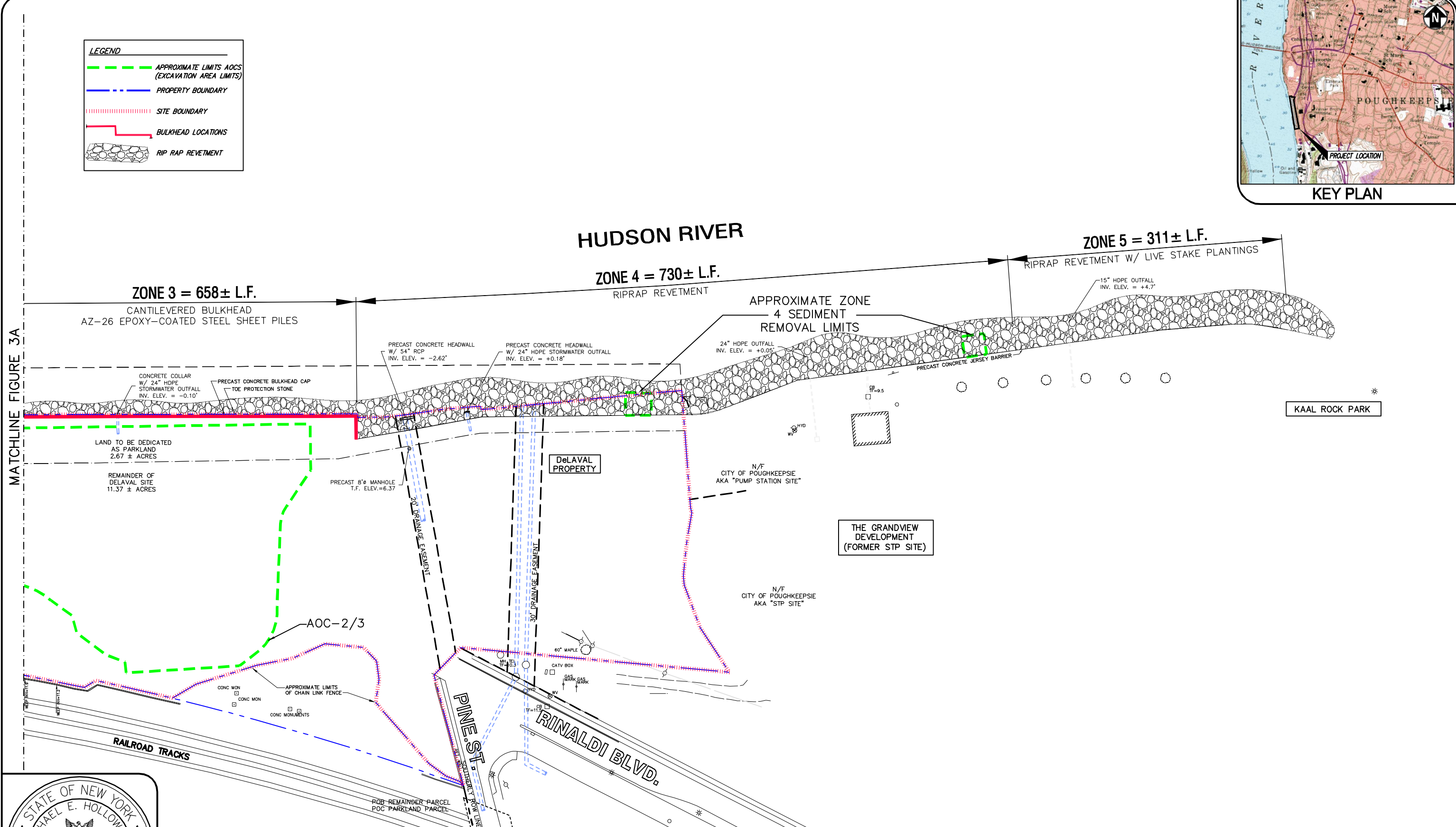
PROJECT NO.	14357
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DATE: 03/31/12

FIGURE 3A

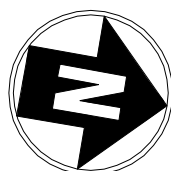
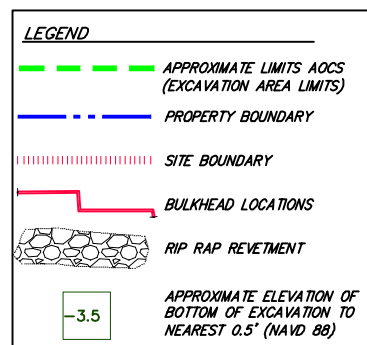


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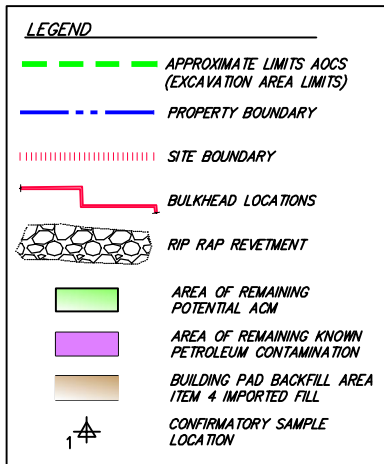


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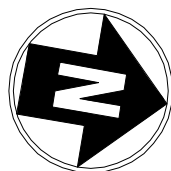
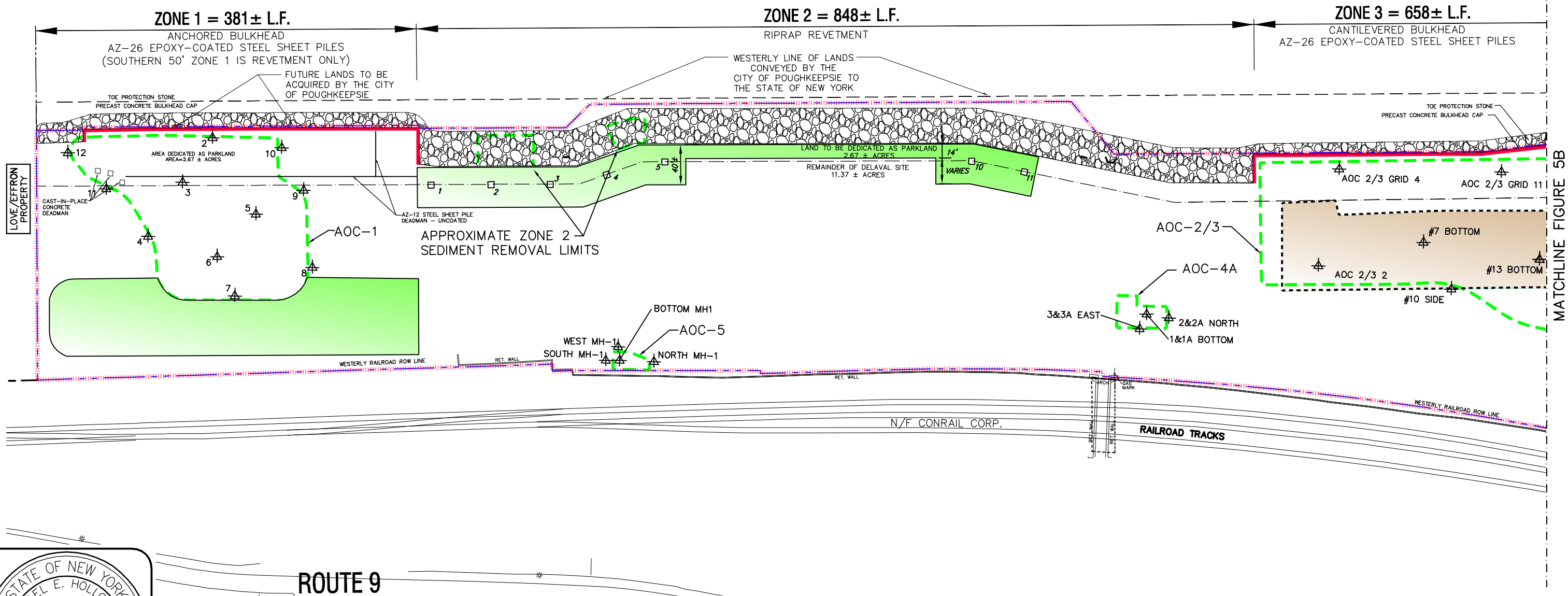
THE DeLAVAL PROPERTY ENVIRONMENTAL RESTORATION PROGRAM PROJECT CITY OF POUGHKEEPSIE, NY	PROJECT NO. 14357
	DATE: 03/31/12
	FIGURE 3B
AS-BUILT LOCATIONS OF BULKHEADS, REVETMENT, UTILITIES & AOC EXCAVATIONS	



File: V:\PROJECTS\ANY\CIVDATA\14357\FIGURES\FIGURE 5A-5B.DWG Saved: 4/25/2012 3:48:30 PM Plotted: 4/26/2012 10:31:58 AM User: Kane, Peter



HUDSON RIVER



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THE DeLAVAL PROPERTY
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CITY OF POUGHKEEPSIE, NY

CONFIRMATORY SAMPLING & LIMITS OF
REMAINING KNOWN CONTAMINATION

PROJECT NO.
14357

DATE: 03/31/12

FIGURE 5A

File: V:\PROJECTS\ANY\CIVDATA\14357\FIGURES\FIGURE 5A-5B.DWG Saved: 4/25/2012 3:48:30 PM Plotted: 4/26/2012 10:32:35 AM User: Kane, Peter

MATCHLINE FIGURE 5A

LEGEND

APPROXIMATE LIMITS AOCs
(EXCAVATION AREA LIMITS)

PROPERTY BOUNDARY

SITE BOUNDARY

BULKHEAD LOCATIONS

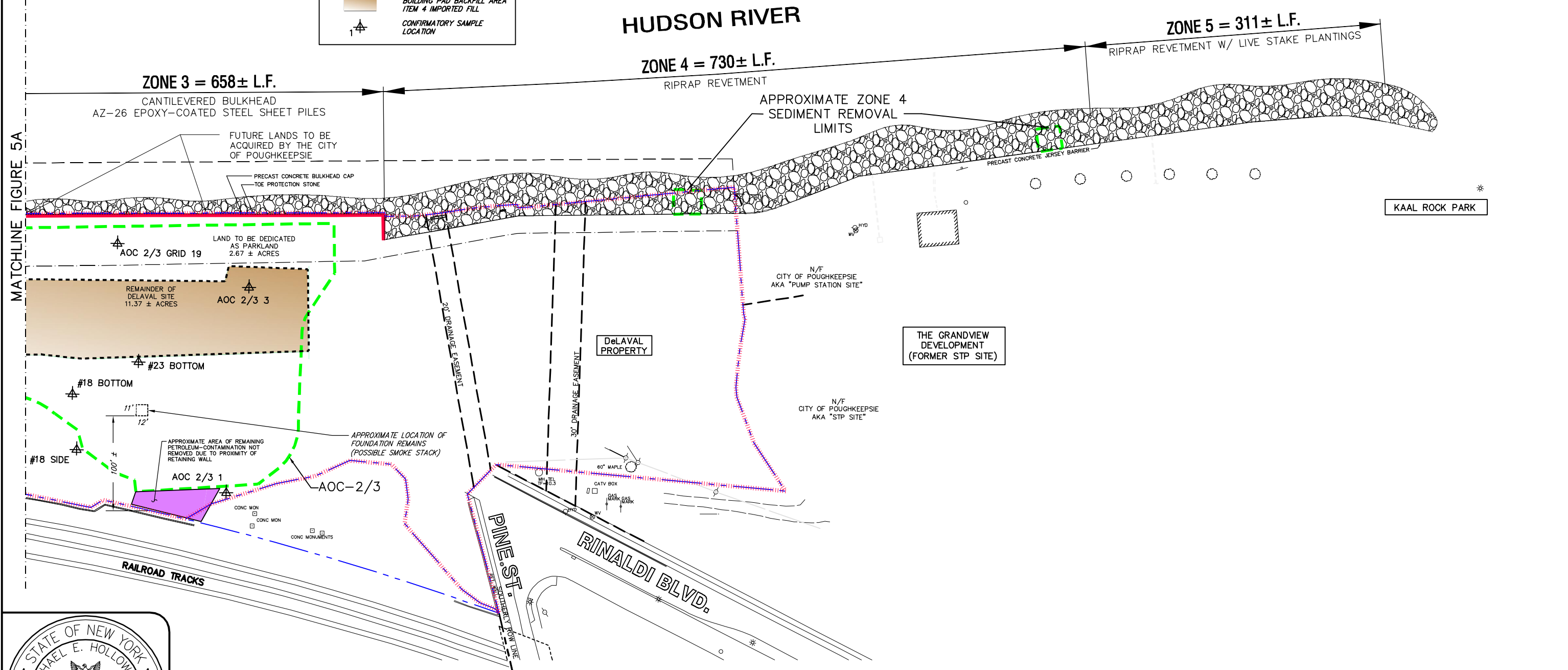
RIP RAP REVETMENT

AREA OF REMAINING
POTENTIAL ACM

AREA OF REMAINING KNOWN
PETROLEUM CONTAMINATION

BUILDING PAD BACKFILL AREA
ITEM 4 IMPORTED FILL

CONFIRMATORY SAMPLE
LOCATION



0100200

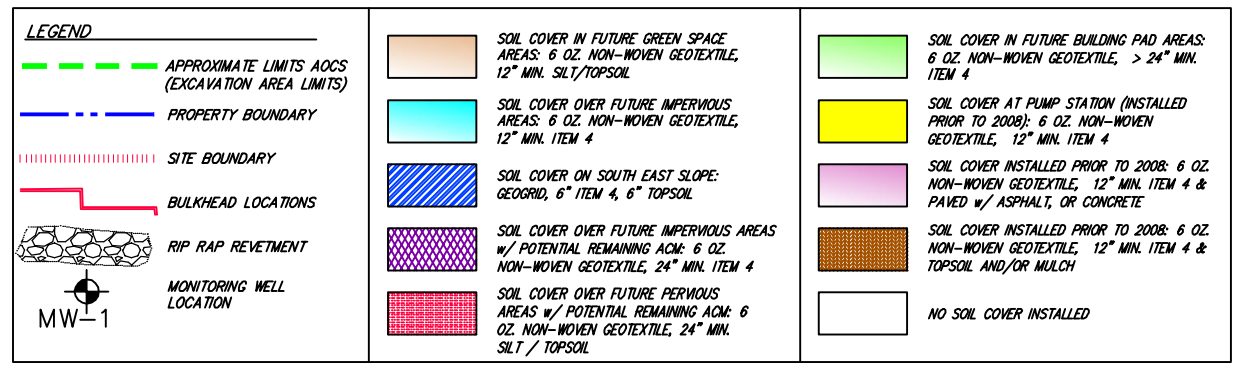
SCALE IN FEET

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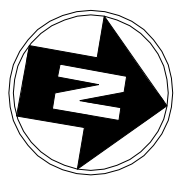
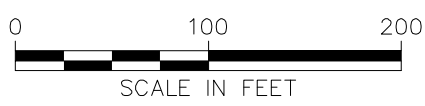
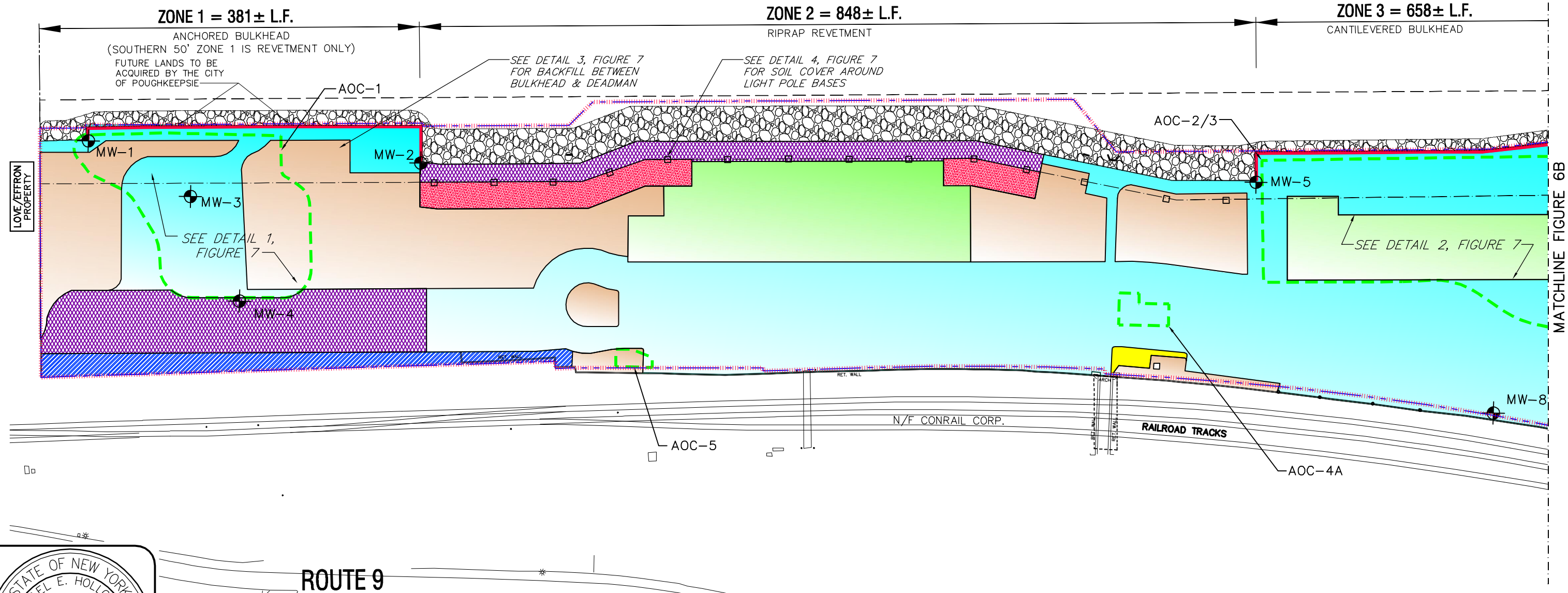
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	DATE: 03/31/12
CONFIRMATORY SAMPLING & LIMITS OF REMAINING KNOWN CONTAMINATION	FIGURE 5B

File: V:\PROJECTS\ANY\CIVDATA\14357\FIGURES\14357_FIGURE_6A-6B.DWG Saved: 4/25/2012 3:49:59 PM Plotted: 4/26/2012 10:36:08 AM User: Kane, Peter



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THE DeLAVAL PROPERTY
ENVIRONMENTAL RESTORATION PROGRAM PROJECT
CITY OF POUGHKEEPSIE, NY

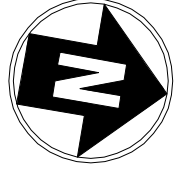
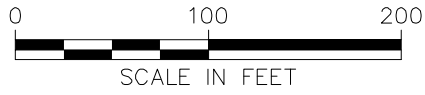
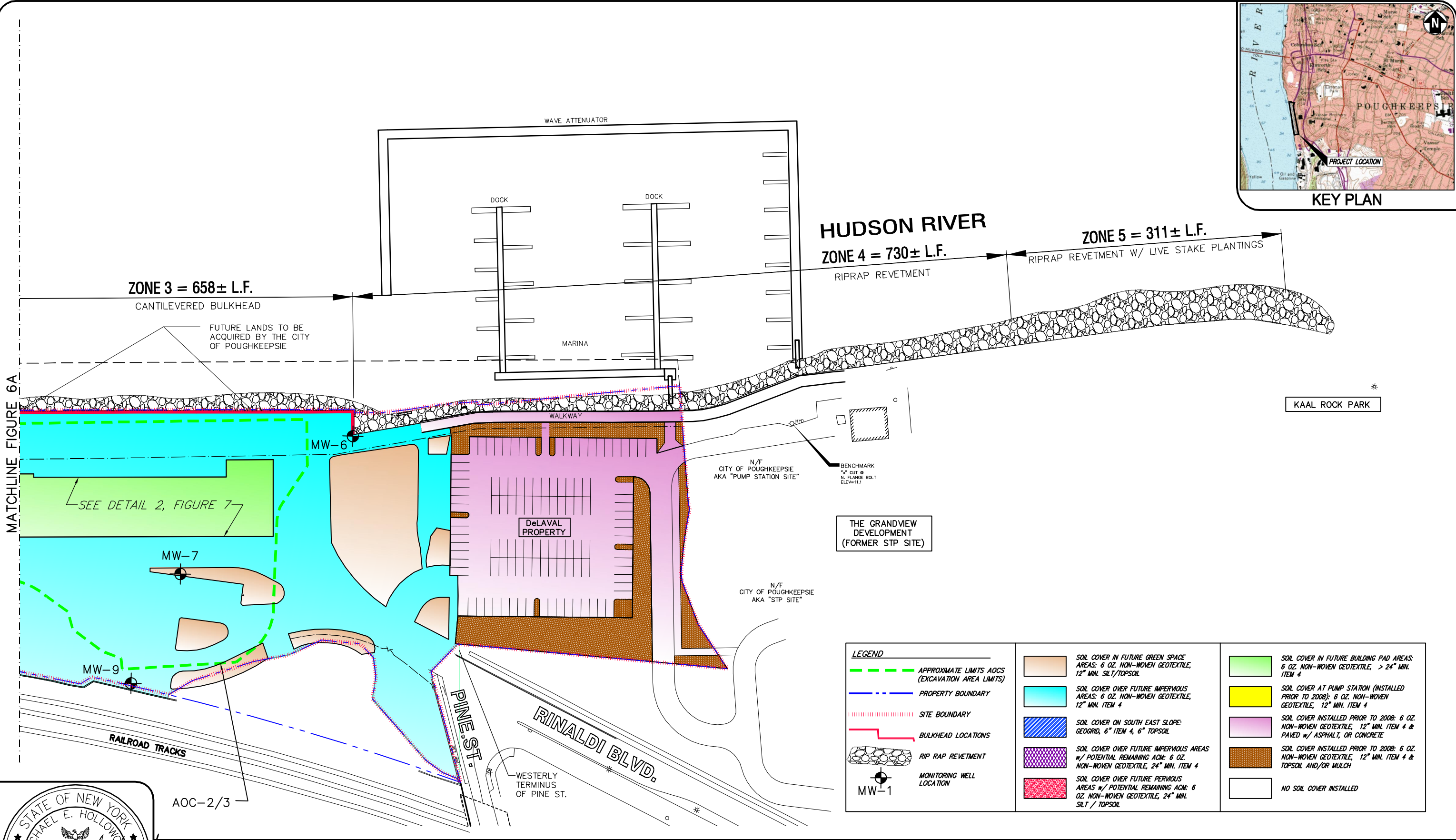
SOIL COVER SYSTEM & MONITORING WELL LOCATION MAP

PROJECT NO.
14357

DATE: 03/31/12

FIGURE 6A

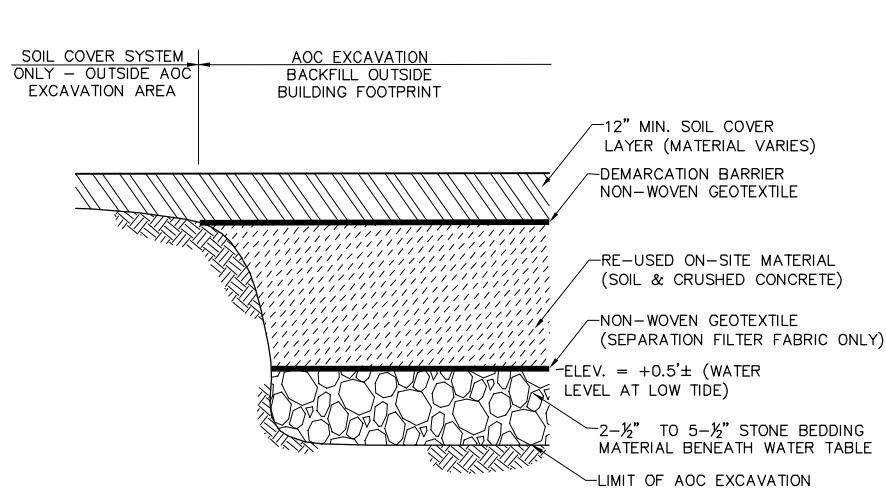
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THE DeLAVAL PROPERTY ENVIRONMENTAL RESTORATION PROGRAM PROJECT CITY OF POUGHKEEPSIE, NY SOIL COVER SYSTEM & MONITORING WELL LOCATION MAP	PROJECT NO. 14357
	DATE: 03/31/12 FIGURE 6B

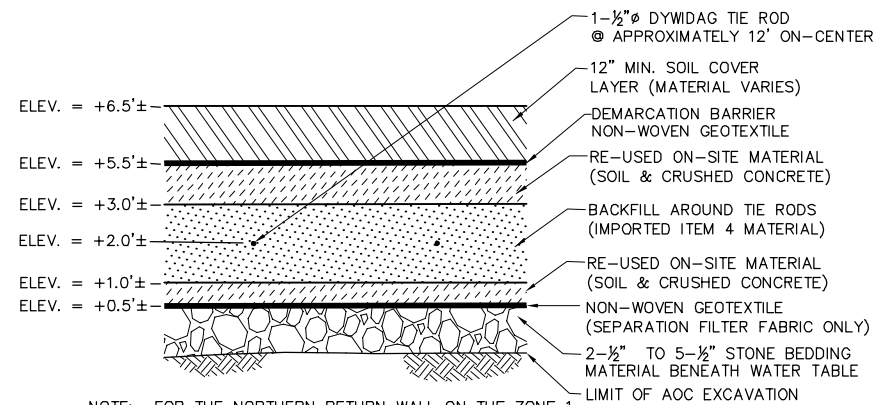
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AREAS BACKFILLED WITH ON-SITE MATERIALS

1 TYPICAL SECTION A

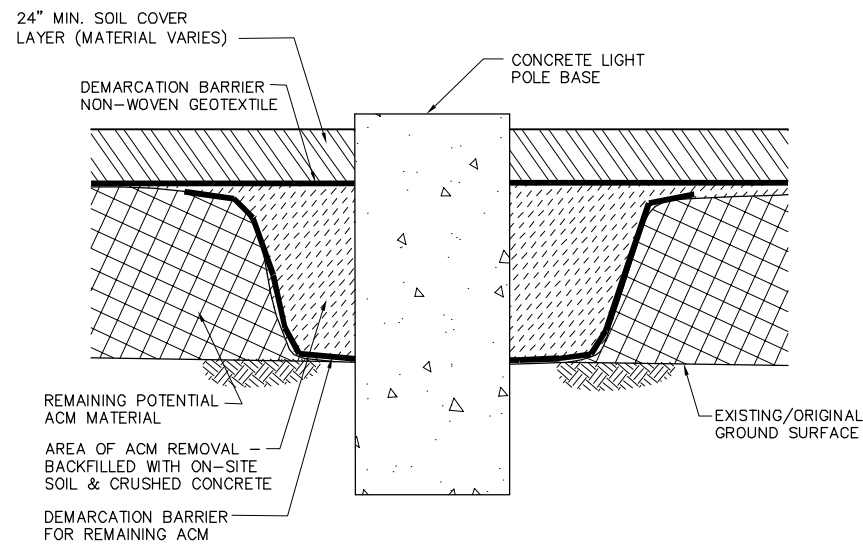
SCALE: NO SCALE



BUILDING PAD AREA

2 TYPICAL SECTION B

SCALE: NO SCALE



BACKFILL AROUND TIE-RODS BETWEEN
BULKHEAD & DEADMAN

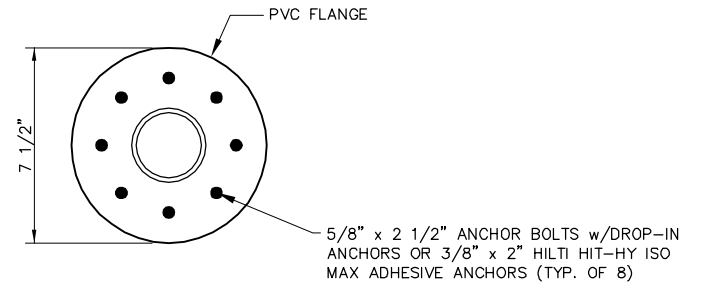
3 TYPICAL SECTION C

SCALE: NO SCALE

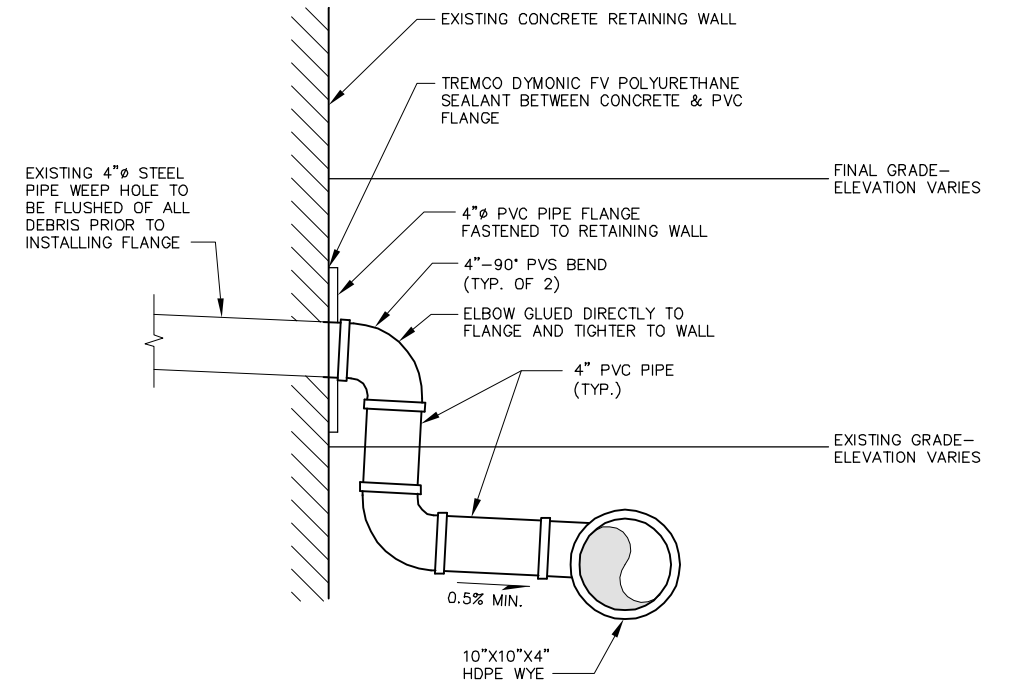
ACM REMOVAL AT LIGHT POLE BASES

4 TYPICAL SECTION D

SCALE: NO SCALE



FLANGE LAYOUT



SECTION

5 WEEP HOLE CONNECTION DETAIL

SCALE: NO SCALE



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THE DeLAVAL PROPERTY
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CITY OF POUGHKEEPSIE, NY

DETAILS

PROJECT NO.
14357

DATE: 03/31/12

FIGURE 7