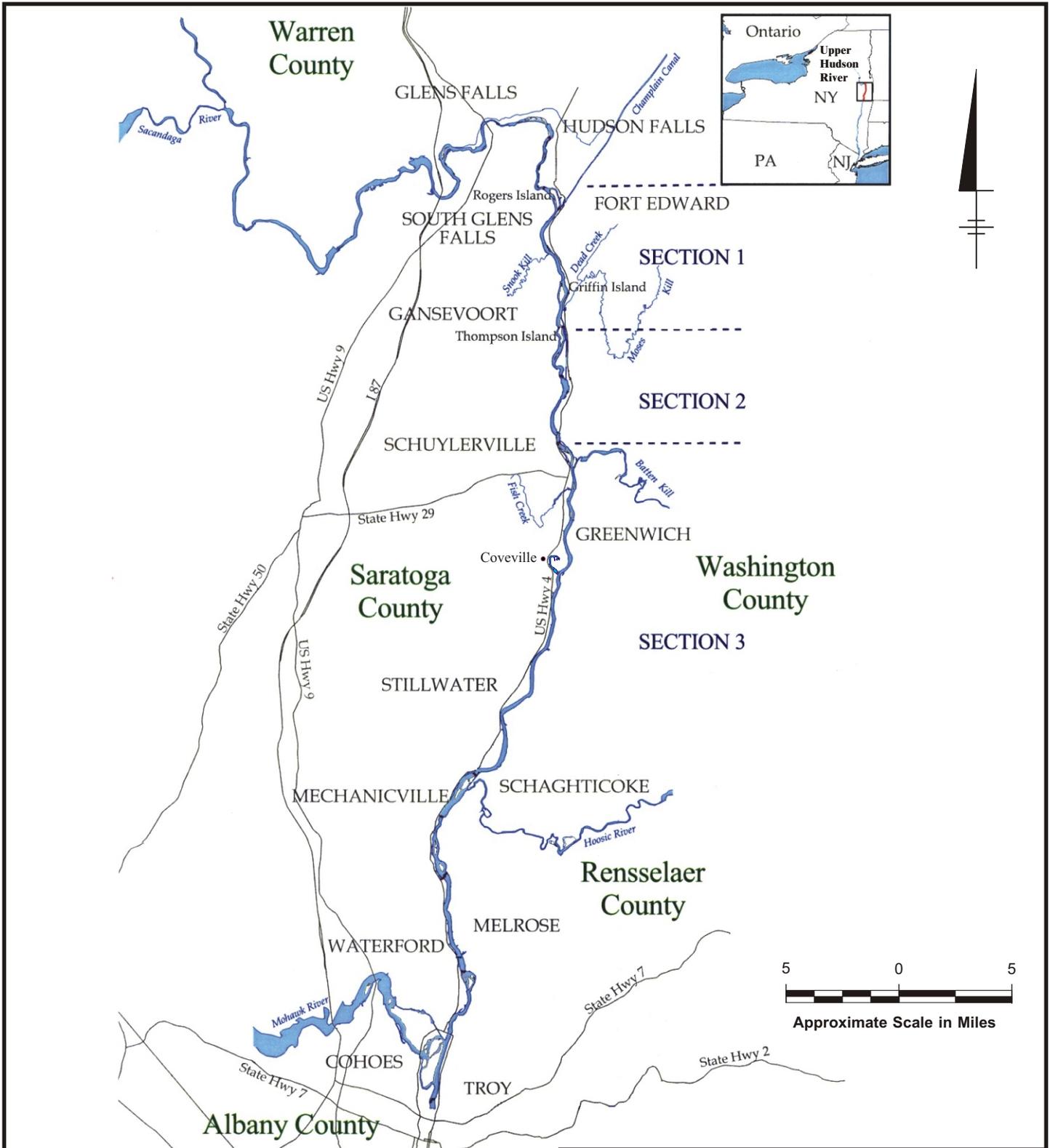


Figures



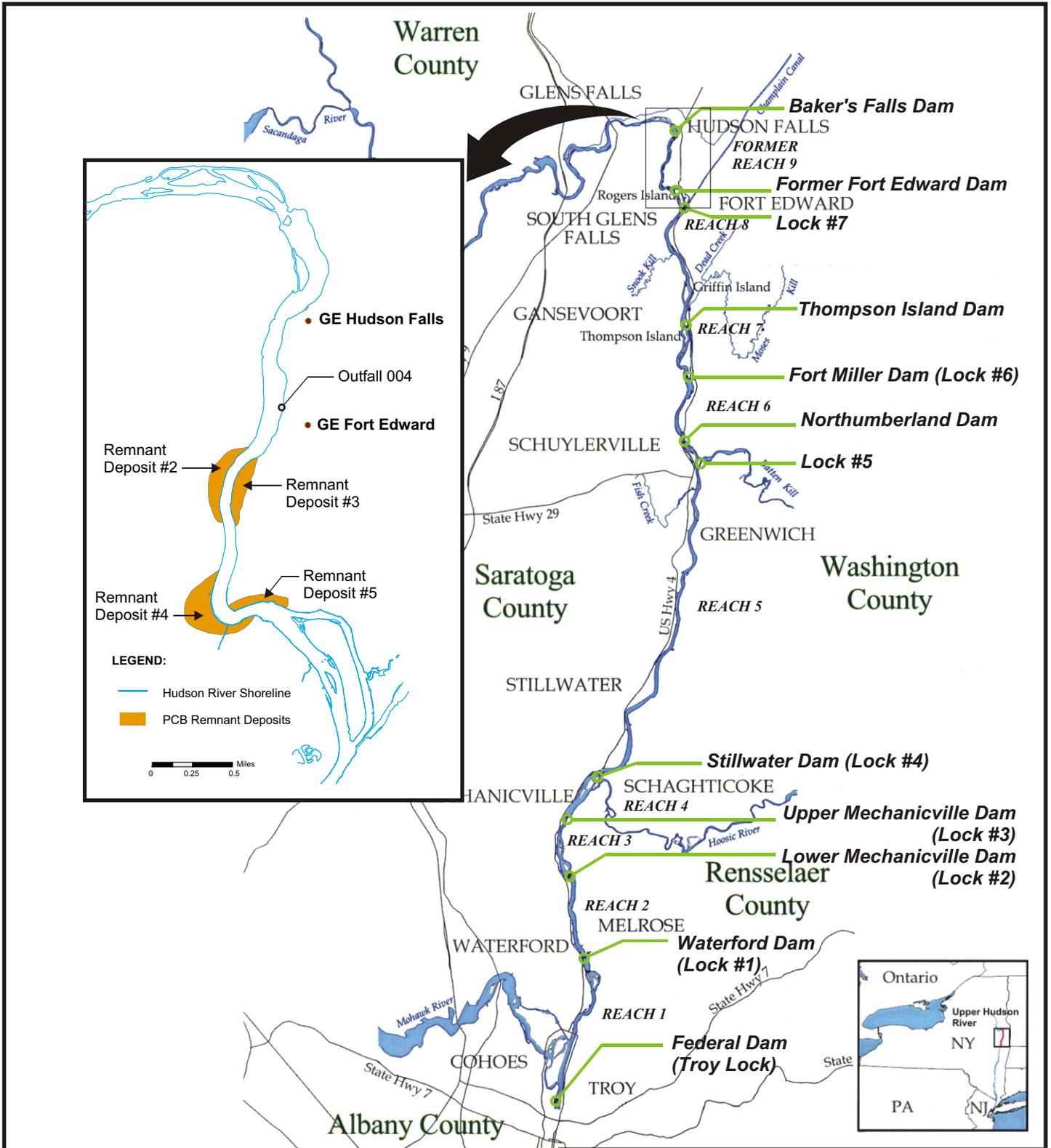
- NOTES:**
1. All locations are approximate.
 2. Adapted from the USEPA Feasibility Study (December 2000).

GENERAL ELECTRIC COMPANY
 HUDSON RIVER PCBS SUPERFUND SITE
PRELIMINARY DESIGN REPORT

UPPER HUDSON RIVER

BBL[®]
 BLASLAND, BOUCK & LEE, INC.
 engineers & scientists

FIGURE 1-1



- NOTES:**
1. All locations are approximate.
 2. Adapted from the USEPA Feasibility Study (December 2000).

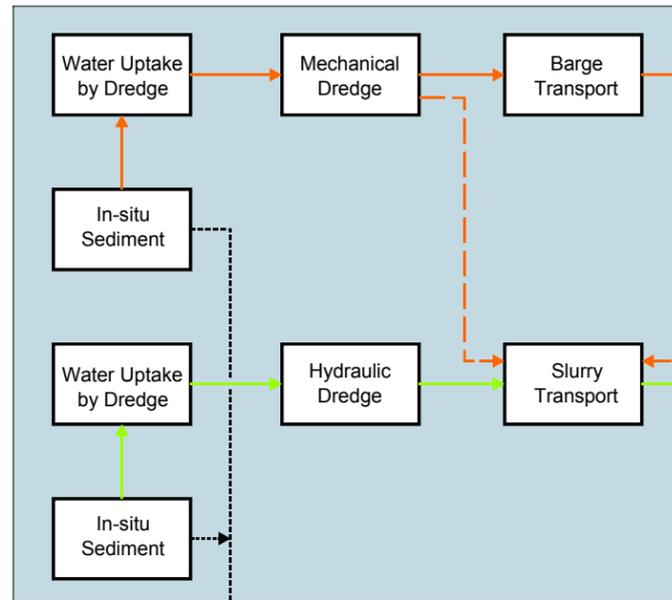
GENERAL ELECTRIC COMPANY
 HUDSON RIVER PCBs SUPERFUND SITE
PRELIMINARY DESIGN REPORT

**UPPER HUDSON RIVER REACHES,
 REMNANT DEPOSITS AND GE FACILITIES**

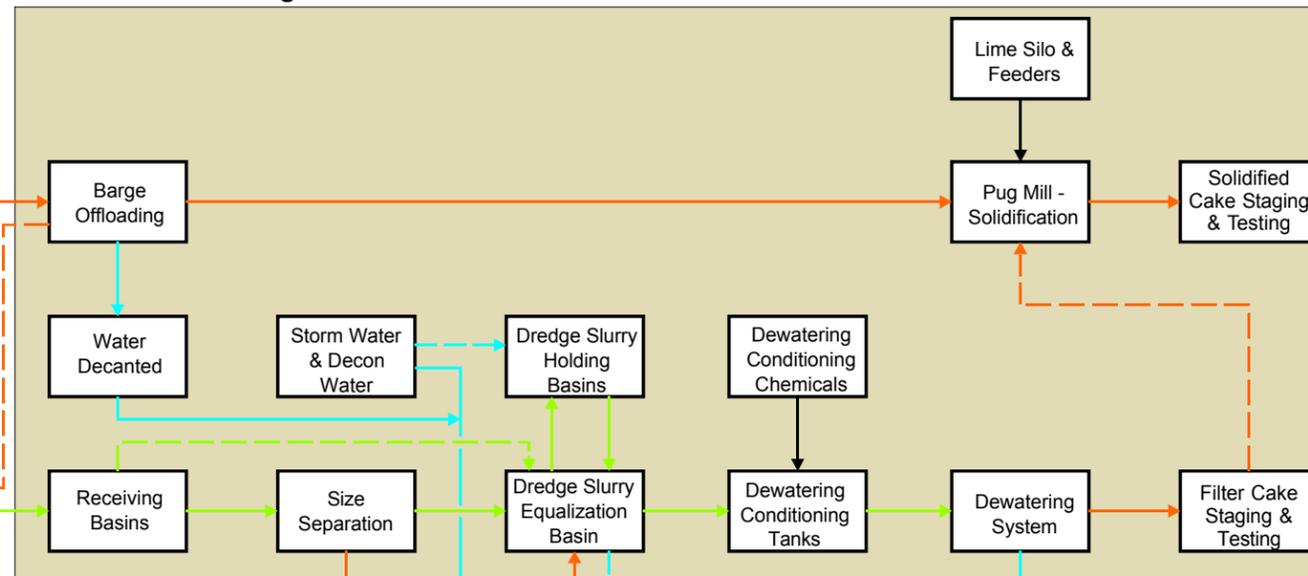
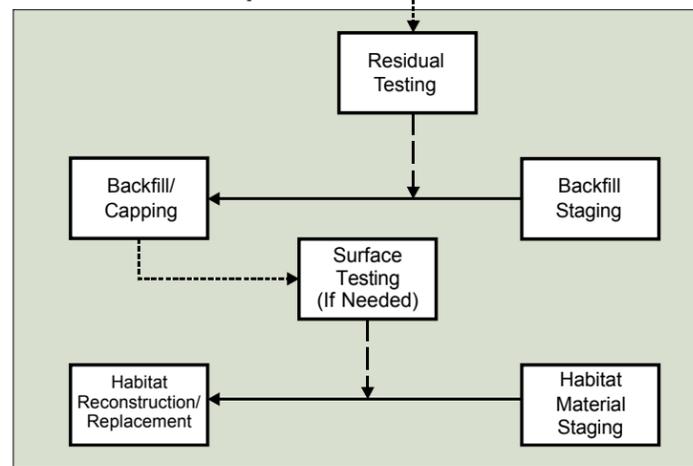


Sediment Processing Facilities

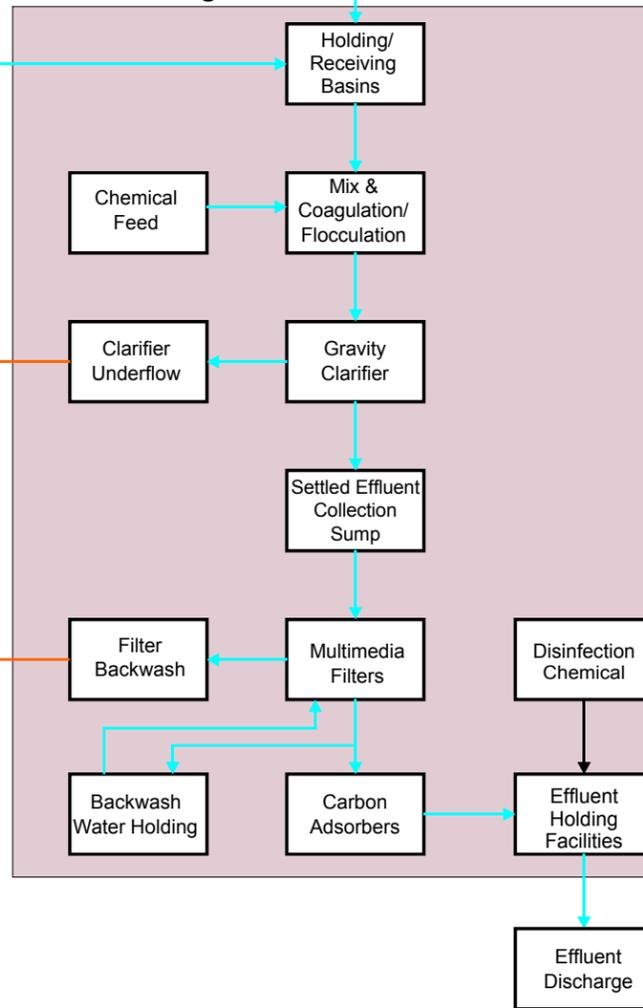
Dredging & Dredged Material Transport



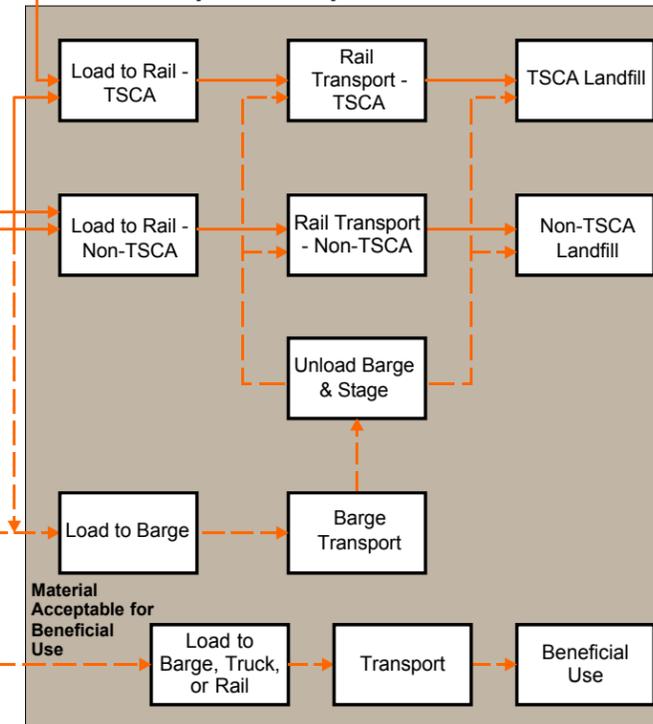
Backfilling/Capping & Habitat Reconstruction/Replacement



Water Processing Facilities



Final Transport & Disposal



KEY:

- > = Sampling and Analysis
- > = Alternative Route
- > = Primary Route
- > = NA
- > = Water Transport
- > = Slurry Transport
- > = Solid Transport

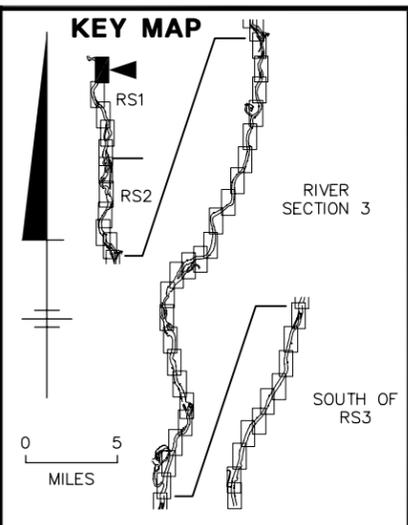
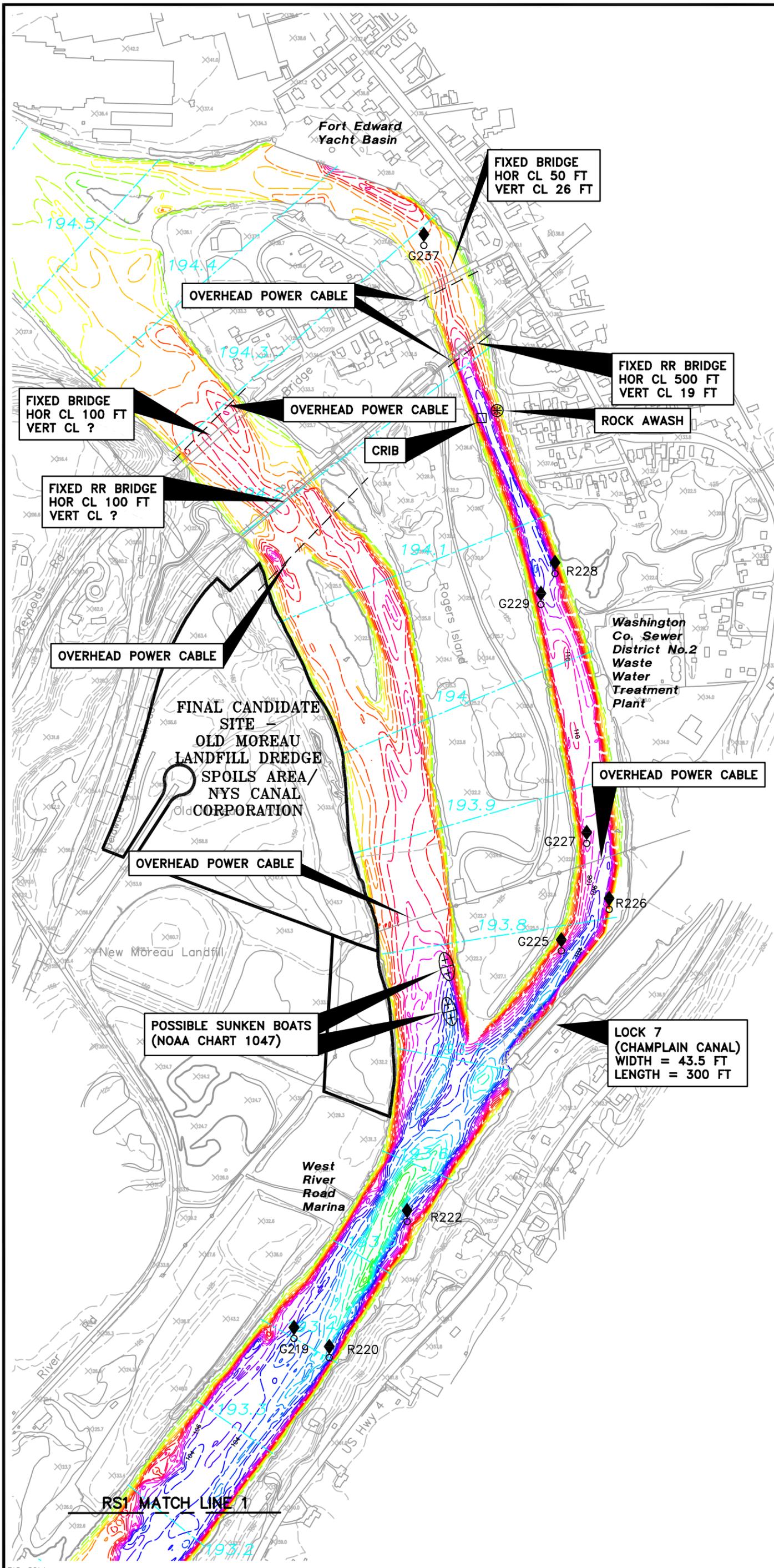
NOTE:
This Conceptual Process Flow is preliminary and will be modified, as appropriate, as the design progresses.

GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
PRELIMINARY DESIGN REPORT

**CONCEPTUAL PROCESS
FLOW SCHEMATIC**



**FIGURE
2-3**



- LEGEND:**
- RIVER SHORELINE
 - APPROXIMATE RIVER MILE
 - ◆ BUOY
 - FLASHING BUOY
 - ◇ MULTICOLORED BUOY
 - FIXED BUOY OR BEACON
 - Marina** ITEM IDENTIFIED BY QEA

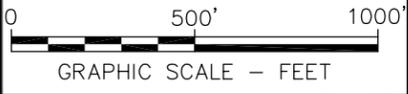
- BUOY IDENTIFICATION:**
- R = RED
 - G = GREEN
 - NUMBER = BUOY NUMBER
 - Wor = WHITE AND ORANGE
 - FL = FLASHING
 - Priv = PRIVATELY OWNED
- REFER TO NOAA CHART NO.1 FOR COMPLETE EXPLANATION OF COLORS AND IDENTIFICATION.

RIVER BOTTOM CONTOURS:
(1 FT. INTERVAL, 2 FT. LISTED BELOW)

118	102
116	100
114	98
112	96
110	94
108	92
106	90
104	88

- ABBREVIATIONS:**
- CL = CLEARANCE
 - FT = FEET
 - TYP = TYPICAL

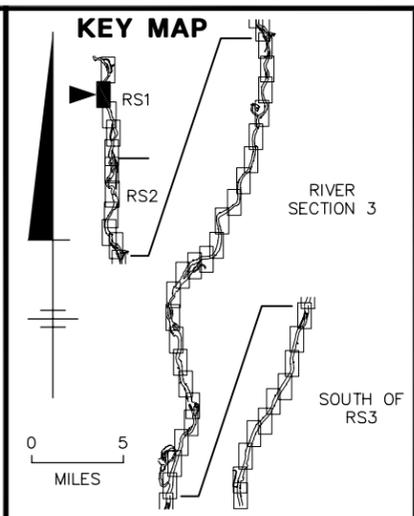
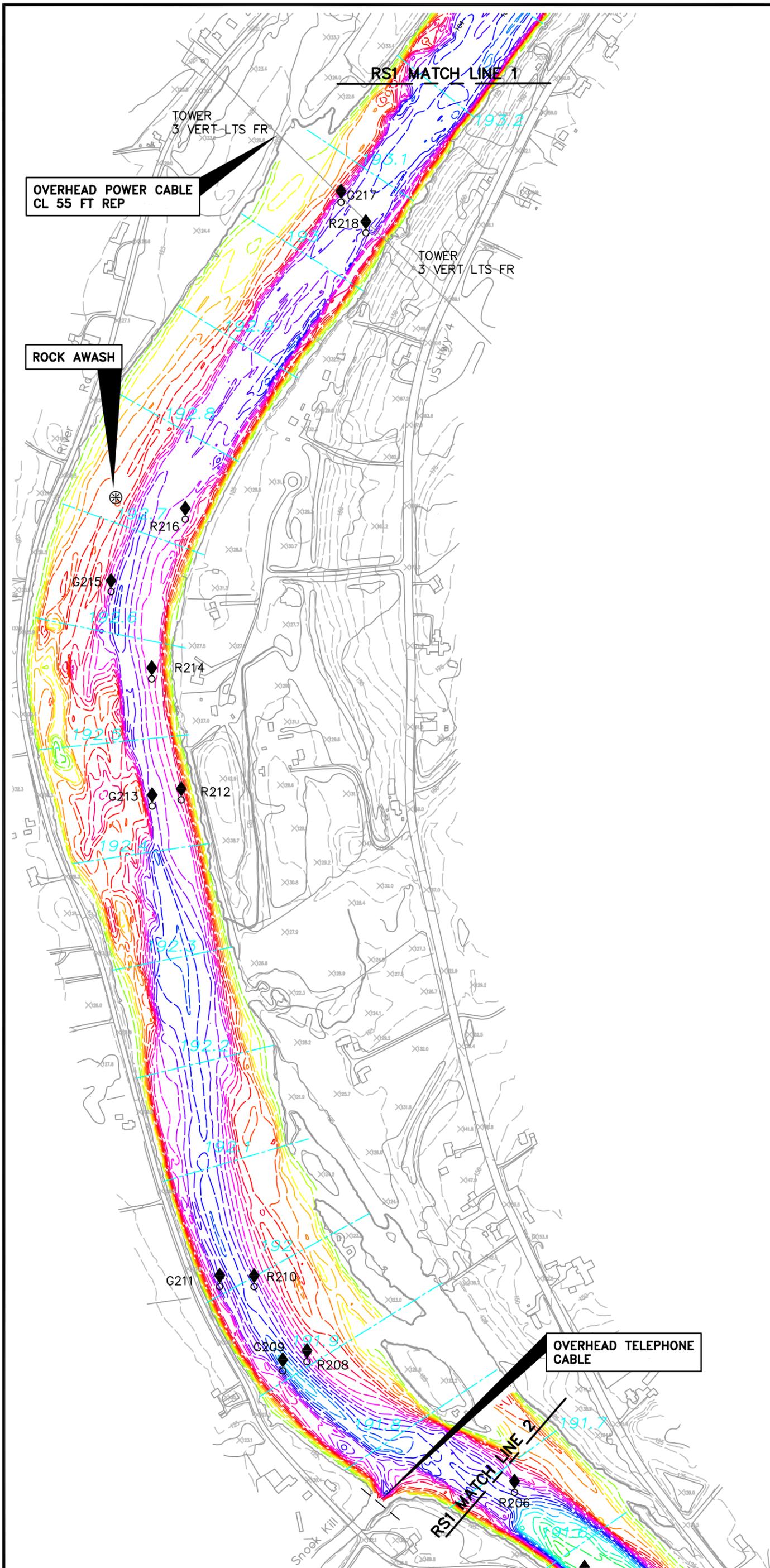
- NOTE:**
1. PHOTOGRAMMETRY SOURCE, INCLUDING SHORELINE AND UPLAND CONTOURS: CHAS H. SELLS, INC. DATUM: NAD 1983 NY EAST ZONE, NAVD 1988. DATE OF PHOTOGRAPHY: SPRING 2002.
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 5. ALL LOCATIONS ARE APPROXIMATE.
 6. OBSTRUCTION INVENTORY IS A WORK IN PROGRESS AND WILL BE EXPANDED AS ADDITIONAL INFORMATION IS COLLECTED.
 7. UPLAND CONTOURS ARE 5 FOOT INTERVALS.
 8. RIVER BOTTOM CONTOURS ARE 1 FOOT INTERVALS AND ARE REFERENCED FOR RIVER SECTION 1 ONLY. RIVER BOTTOM TOPOGRAPHIC CONTOUR SOURCE: OCEAN SURVEYS INC., SPRING 2002.



GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
PRELIMINARY DESIGN REPORT

**HUDSON RIVER
STRUCTURE AND
OBSTRUCTION
INVENTORY**

TAB: RS1.1
X: HUDSONRIVER01: 05511X01,05511X02,05511X03,ALLCON1,ALLCON2,ALLCON3,ALLCON4,RIVCON.DWG
L: ON=*, OFF=REF*, *HEDGE,*ITREE--CONIF,*WOODLINE
P: PAGESET/PLT-BP
12/21/03 SYR-85-RLP GMS RLP
N/20433007/OBSTRUCT/20433801.DWG



- LEGEND:**
- RIVER SHORELINE
 - APPROXIMATE RIVER MILE
 - ◆ BUOY
 - FLASHING BUOY
 - ◇ MULTICOLORED BUOY
 - FIXED BUOY OR BEACON
 - Marina ITEM IDENTIFIED BY QEA

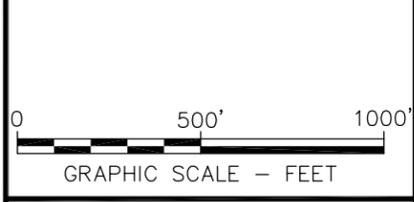
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- ABBREVIATIONS:**
- CL = CLEARANCE
 - FT = FEET
 - Typ = TYPICAL

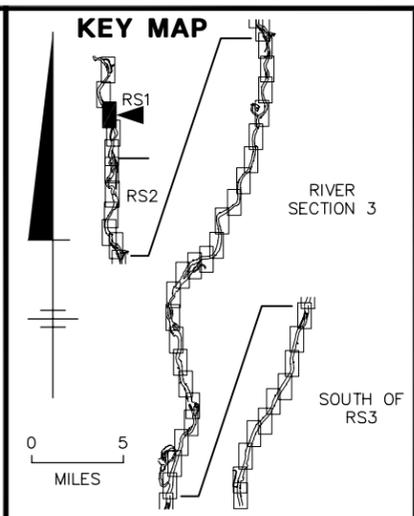
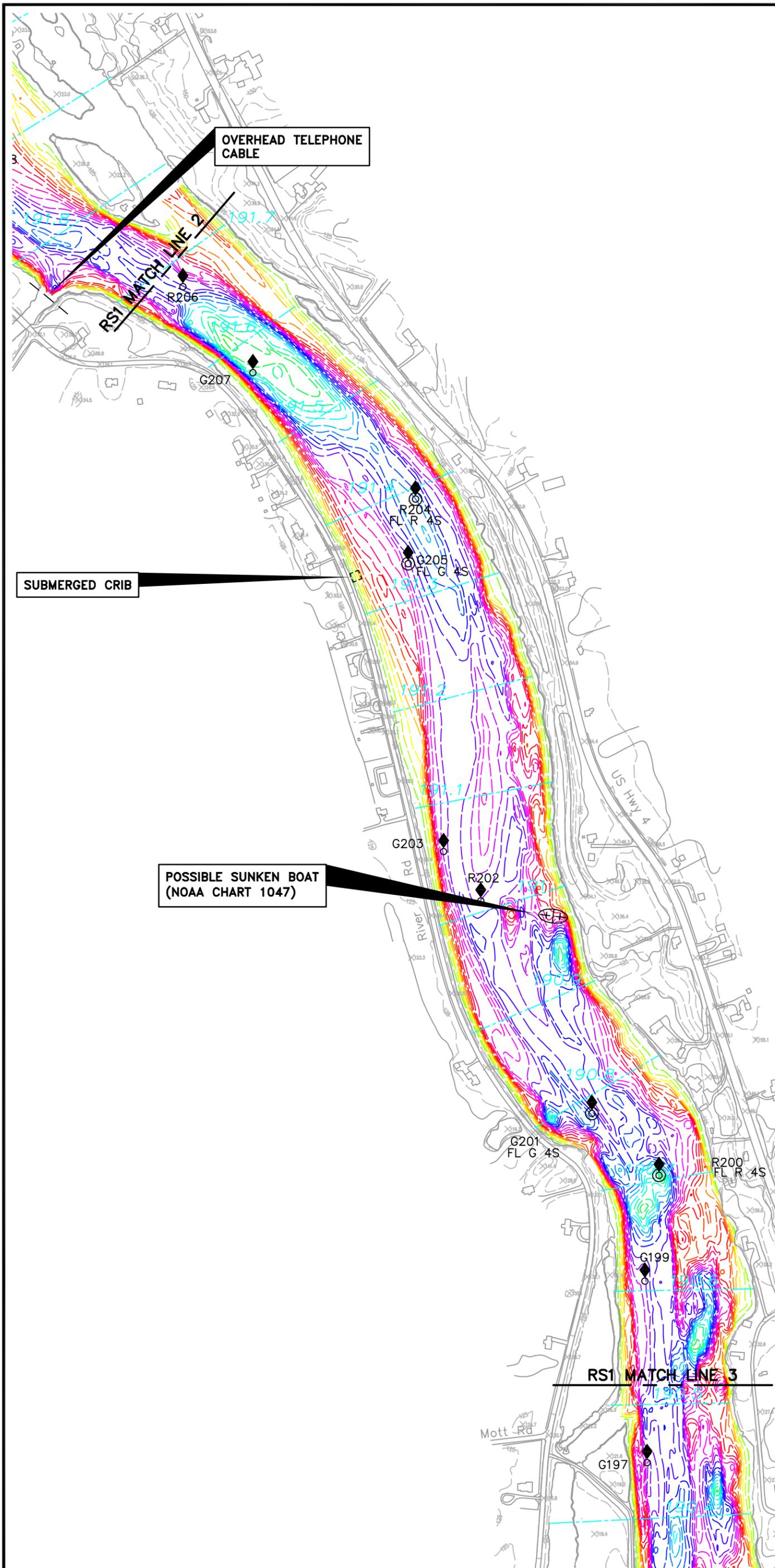
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GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
PRELIMINARY DESIGN REPORT

**HUDSON RIVER
STRUCTURE AND
OBSTRUCTION
INVENTORY**

TAB: RS1.2
X: HUDSONRIVER01: 05511X01,05511X02,05511X03,ALLCON1,ALLCON2,ALLCON3,ALLCON4,RIVCON.DWG
L: ON=*, OFF=*REF*,*HEDGE,*TREE-CONIF,*WOODLINE
P: PAGESET/PLT-BP
12/21/03 SYR-85-RLP GMS RLP
N/20433007/OBSTRUCT/20433801.DWG



- LEGEND:**
- RIVER SHORELINE
 - APPROXIMATE RIVER MILE
 - ◆ BUOY
 - ⊙ FLASHING BUOY
 - ◇ MULTICOLORED BUOY
 - FIXED BUOY OR BEACON
 - Marina** ITEM IDENTIFIED BY QEA

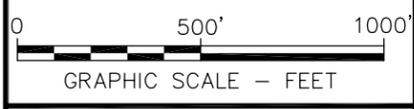
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 - FT = FEET
 - TYP = TYPICAL

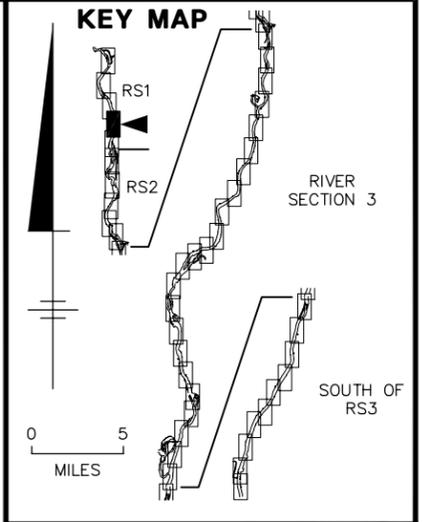
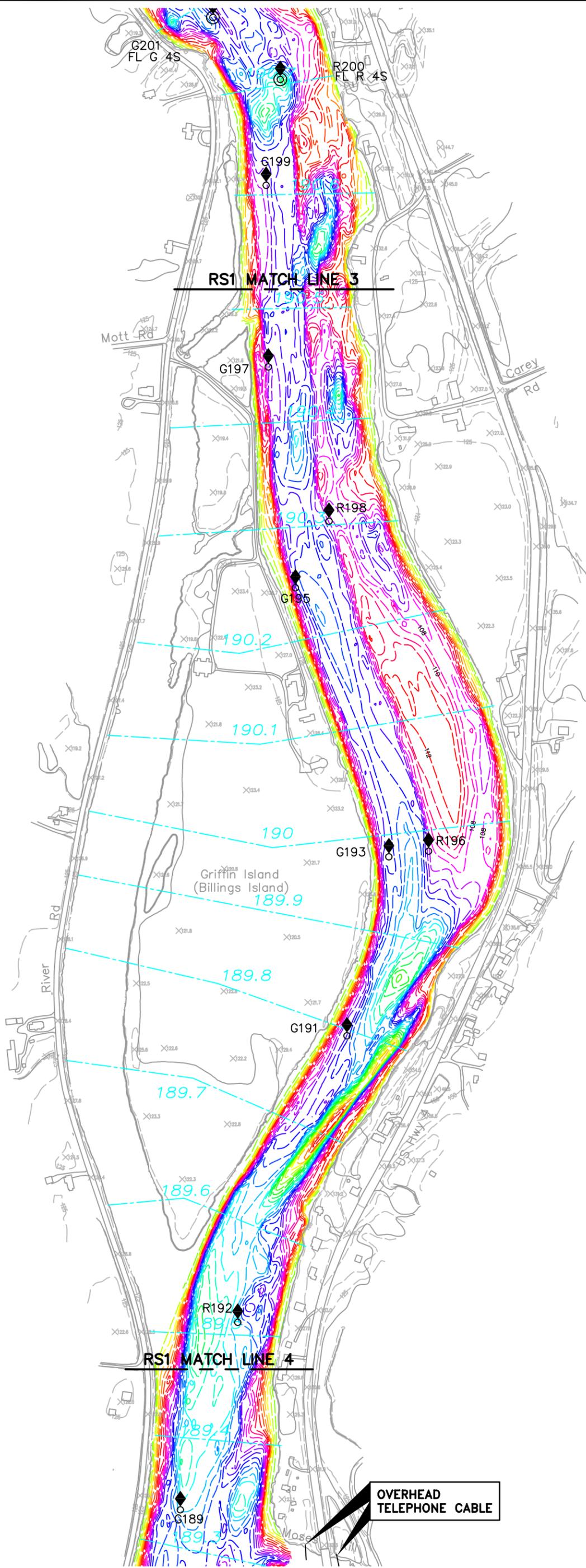
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GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
PRELIMINARY DESIGN REPORT

**HUDSON RIVER
STRUCTURE AND
OBSTRUCTION
INVENTORY**

TAB: RS1.3
X: HUDSONRIVER01: 05511X01,05511X02,05511X03,ALLCON1,ALLCON2,ALLCON3,ALLCON4,RIVCON.DWG
L: ON=*, OFF=*REF*,*HEDGE,*TREE-CONIF,*WOODLINE
P: PAGESET/PLT-BP
12/21/03 SYR-85-RLP GMS RLP
N/20433007/OBSTRUCT/20433B01.DWG



- LEGEND:**
- RIVER SHORELINE
 - APPROXIMATE RIVER MILE
 - ◆ BUOY
 - ◆ (with circle) FLASHING BUOY
 - ◆ (with triangle) MULTICOLORED BUOY
 - ◆ (with dot) FIXED BUOY OR BEACON
 - ◆ (with 'A') MARINA ITEM IDENTIFIED BY QEA

- BUOY IDENTIFICATION:**
- R = RED
 - G = GREEN
 - NUMBER = BUOY NUMBER
 - WOr = WHITE AND ORANGE
 - FL = FLASHING
 - Priv = PRIVATELY OWNED

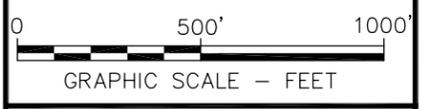
REFER TO NOAA CHART NO.1 FOR COMPLETE EXPLANATION OF COLORS AND IDENTIFICATION.

RIVER BOTTOM CONTOURS:
(1 FT. INTERVAL, 2 FT. LISTED BELOW)

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110	94
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 - FT = FEET
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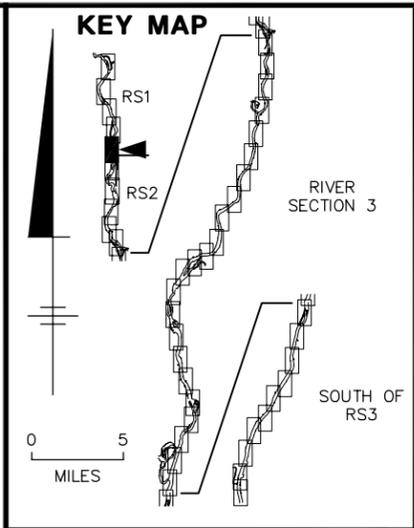
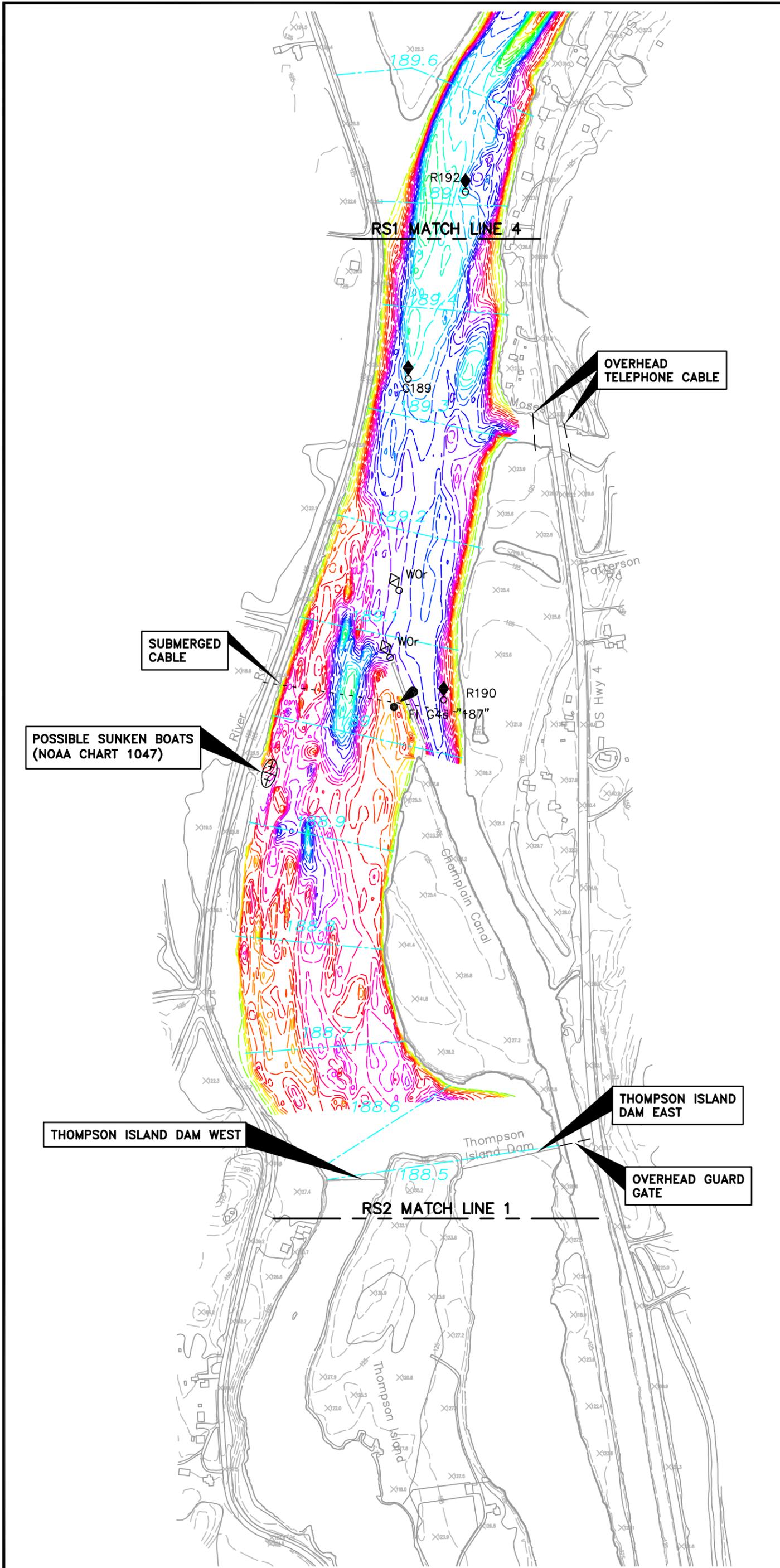


GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
PRELIMINARY DESIGN REPORT

**HUDSON RIVER
STRUCTURE AND
OBSTRUCTION
INVENTORY**

RS1.4
X: HUDSONRIVER01: 05511X01,05511X02,05511X03,ALLCON1,ALLCON2,ALLCON3,ALLCON4,RIVCON.DWG
L: ON=*: OFF=*REF*,*HEDGE,*TREE-CONF,*WOODLINE
P: PAGESET/PLT-BP
12/21/03 SYR-85-RLP GMS RLP
N/20433007/OBSTRUCT/20433B01.DWG

**OVERHEAD
TELEPHONE CABLE**



- LEGEND:**
- RIVER SHORELINE
 - APPROXIMATE RIVER MILE
 - ◆ BUOY
 - ◆ FLASHING BUOY
 - ◆ MULTICOLORED BUOY
 - ◆ FIXED BUOY OR BEACON
 - ◆ Marina ITEM IDENTIFIED BY QEA

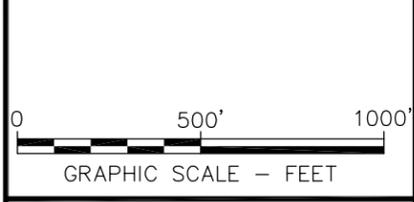
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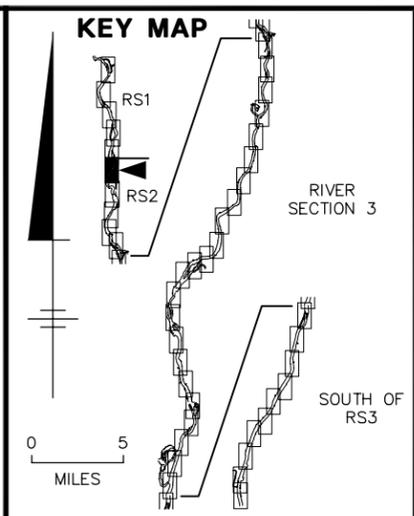
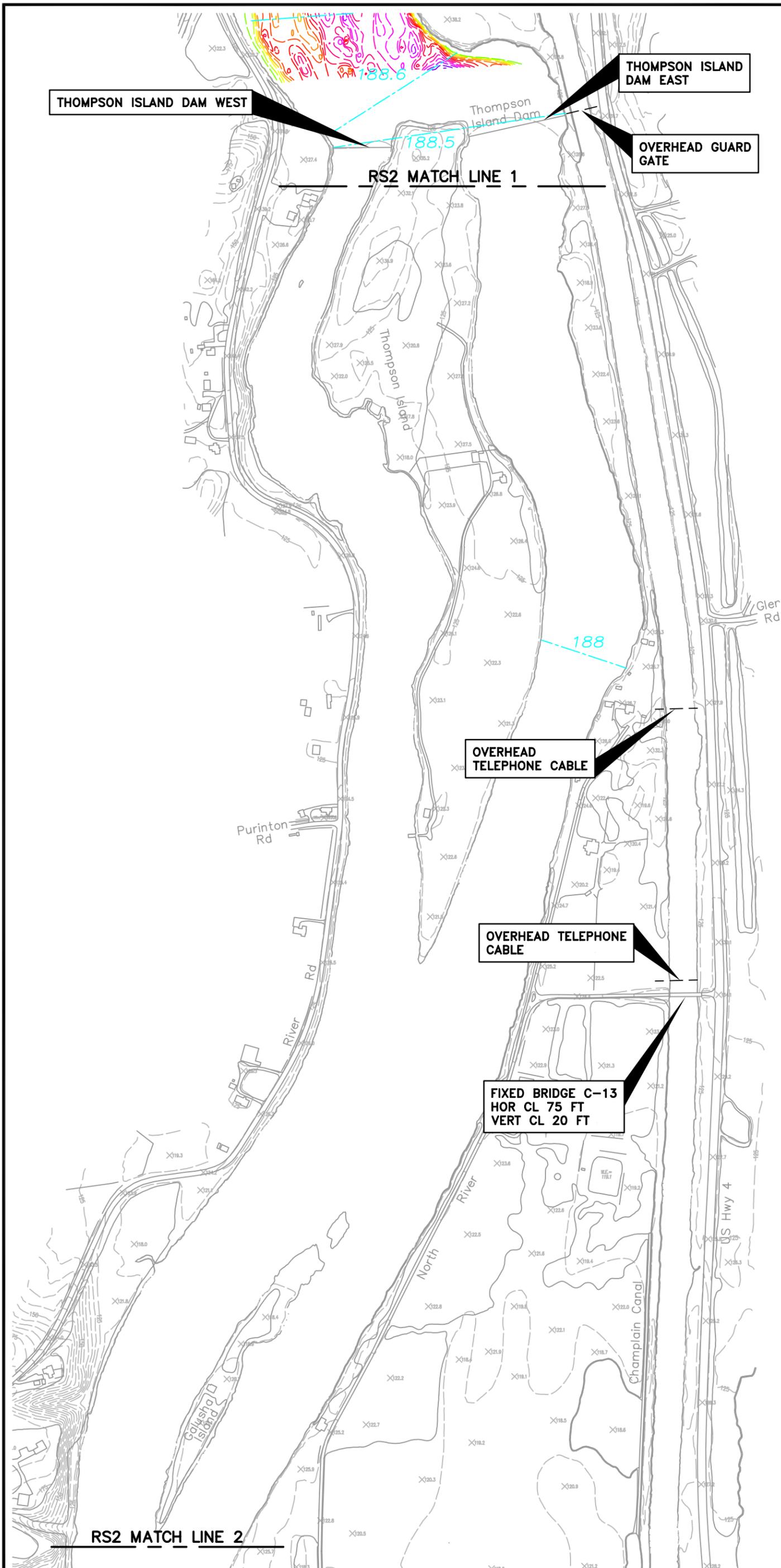
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GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
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**HUDSON RIVER
STRUCTURE AND
OBSTRUCTION
INVENTORY**

RS2.1
X: HUDSONRIVER01: 05511X01,05511X02,05511X03,ALLCON1,ALLCON2,ALLCON3,ALLCON4,RIVCON.DWG
L: ON=*: OFF=*REF*,*HEDGE,*TREE-CONF,*WOODLINE
P: PAGESET/PLT-BP
12/21/03 SYR-85-RLP GMS RLP
N/20433007/OBSTRUCT/20433B01.DWG



- LEGEND:**
- RIVER SHORELINE
 - APPROXIMATE RIVER MILE
 - ◆ BUOY
 - ⊙ FLASHING BUOY
 - ◇ MULTICOLORED BUOY
 - FIXED BUOY OR BEACON
 - Marina ITEM IDENTIFIED BY QEA

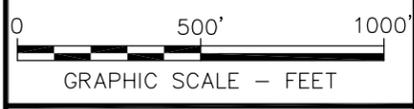
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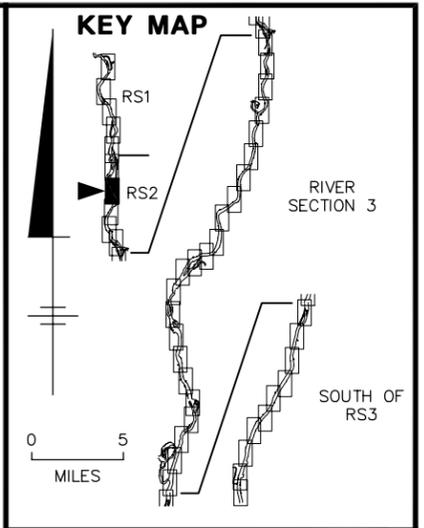
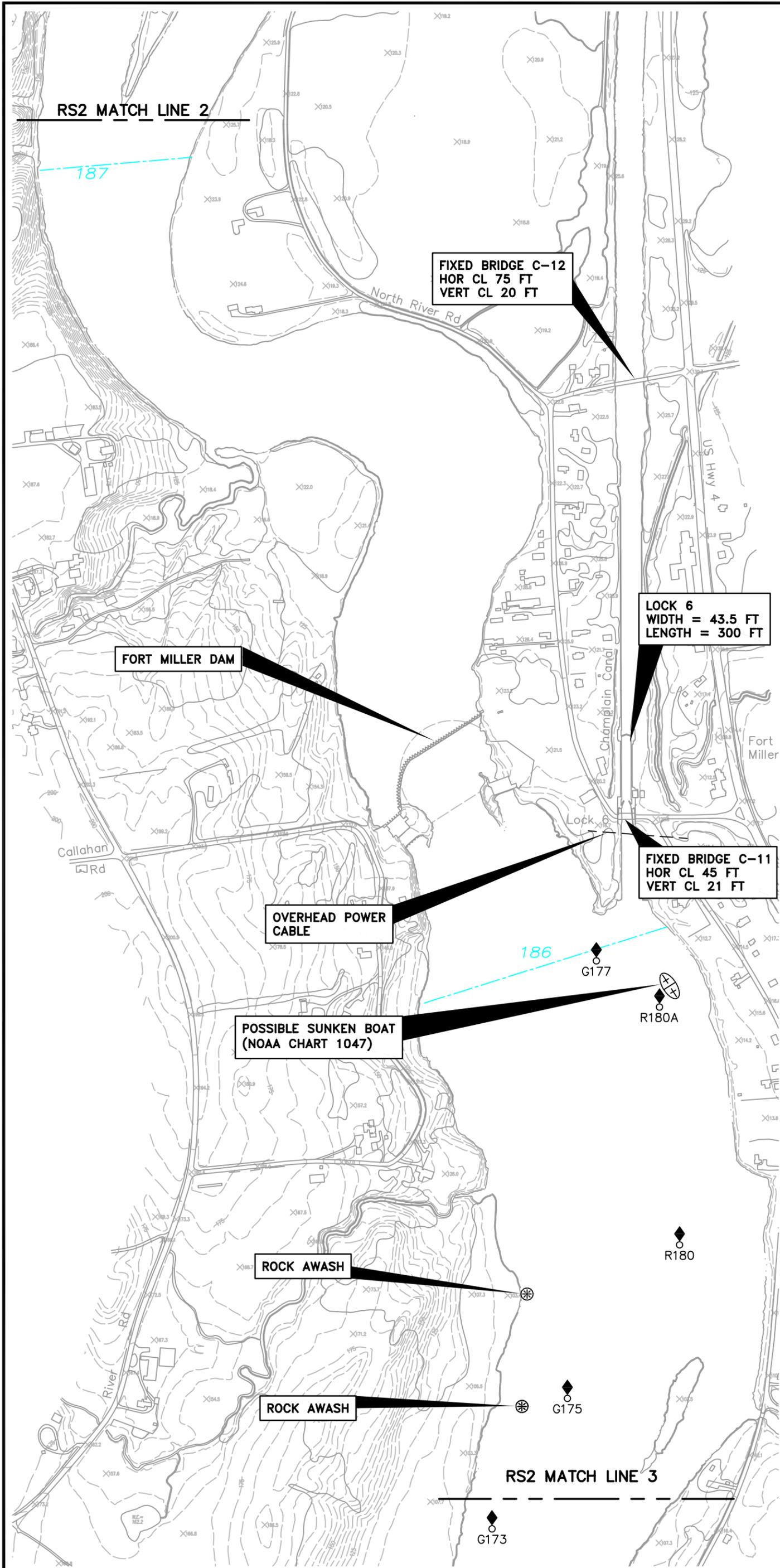
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GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
PRELIMINARY DESIGN REPORT

**HUDSON RIVER
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OBSTRUCTION
INVENTORY**

RS2.2
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L: ON=*: OFF=*REF*,*HEDGE,*TREE-CONIF,*WOODLINE
P: PAGESET/PLT-BP
12/21/03 SYR-85-RLP GMS RLP
N/20433007/OBSTRUCT/20433B01.DWG

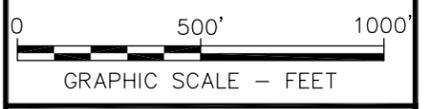


- LEGEND:**
- RIVER SHORELINE
 - APPROXIMATE RIVER MILE
 - ◆ BUOY
 - ⊙ FLASHING BUOY
 - ◇ MULTICOLORED BUOY
 - FIXED BUOY OR BEACON
 - Marina** ITEM IDENTIFIED BY QEA

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- ABBREVIATIONS:**
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 - FT = FEET
 - TYP = TYPICAL

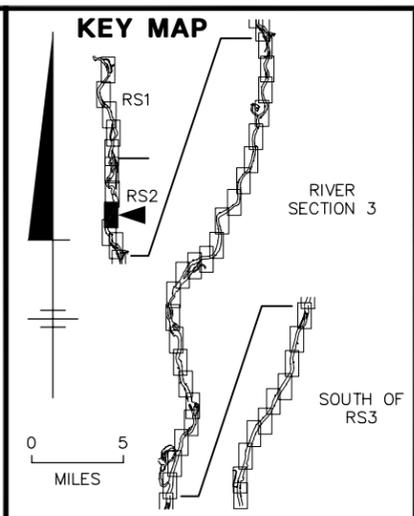
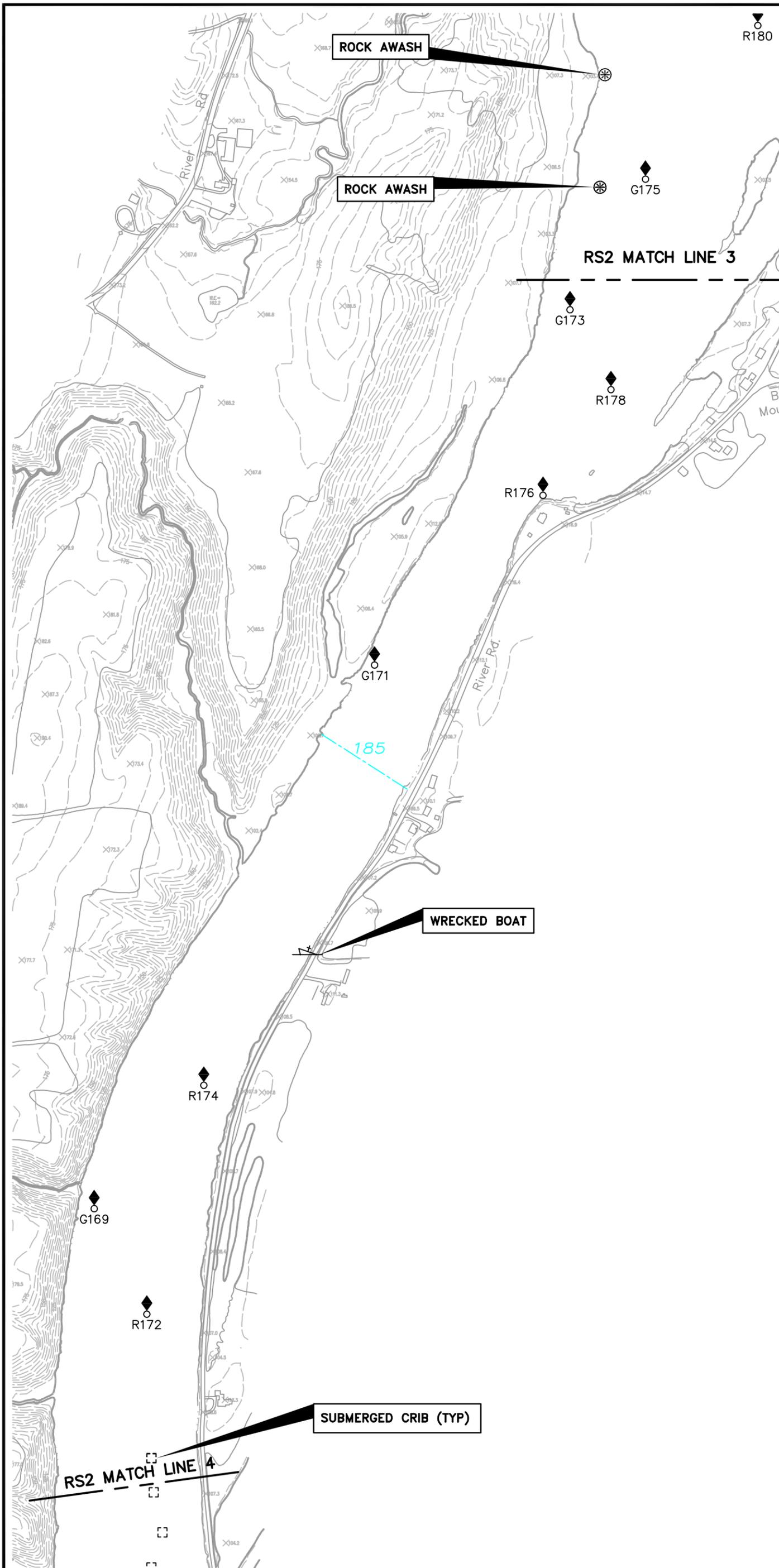
- NOTE:**
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GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
PRELIMINARY DESIGN REPORT

**HUDSON RIVER
STRUCTURE AND
OBSTRUCTION
INVENTORY**

RS2.3
X: HUDSONRIVER01: 05511X01,05511X02,05511X03,ALLCON1,ALLCON2,ALLCON3,ALLCON4,RIVCON.DWG
L: ON=*; OFF=*REF*,*HEDGE,*TREE-CONF,*WOODLINE
P: PAGESET/PLT-BP
12/20/03 SYR-85-RLP GMS RLP
N/20433007/OBSTRUCT/20433B01.DWG

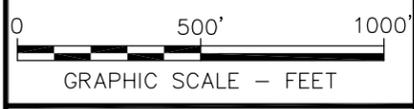


- LEGEND:**
- RIVER SHORELINE
 - APPROXIMATE RIVER MILE
 - ◆ BUOY
 - ◆ (with circle) FLASHING BUOY
 - ◆ (with diamond) MULTICOLORED BUOY
 - ◆ (with triangle) FIXED BUOY OR BEACON
 - ◆ (with square) Marina ITEM IDENTIFIED BY QEA

- BUOY IDENTIFICATION:**
- R = RED
 - G = GREEN
 - NUMBER = BUOY NUMBER
 - WOr = WHITE AND ORANGE
 - FL = FLASHING
 - Priv = PRIVATELY OWNED
- REFER TO NOAA CHART NO.1 FOR COMPLETE EXPLANATION OF COLORS AND IDENTIFICATION.

- ABBREVIATIONS:**
- CL = CLEARANCE
 - FT = FEET
 - TYP = TYPICAL

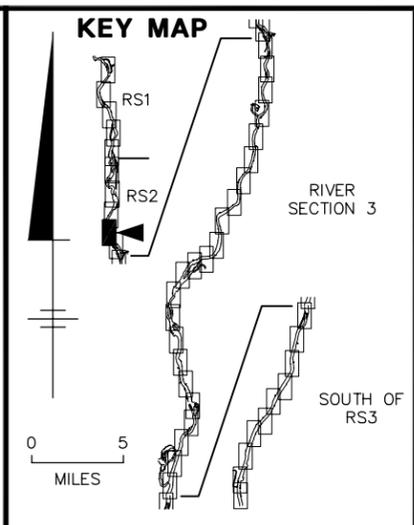
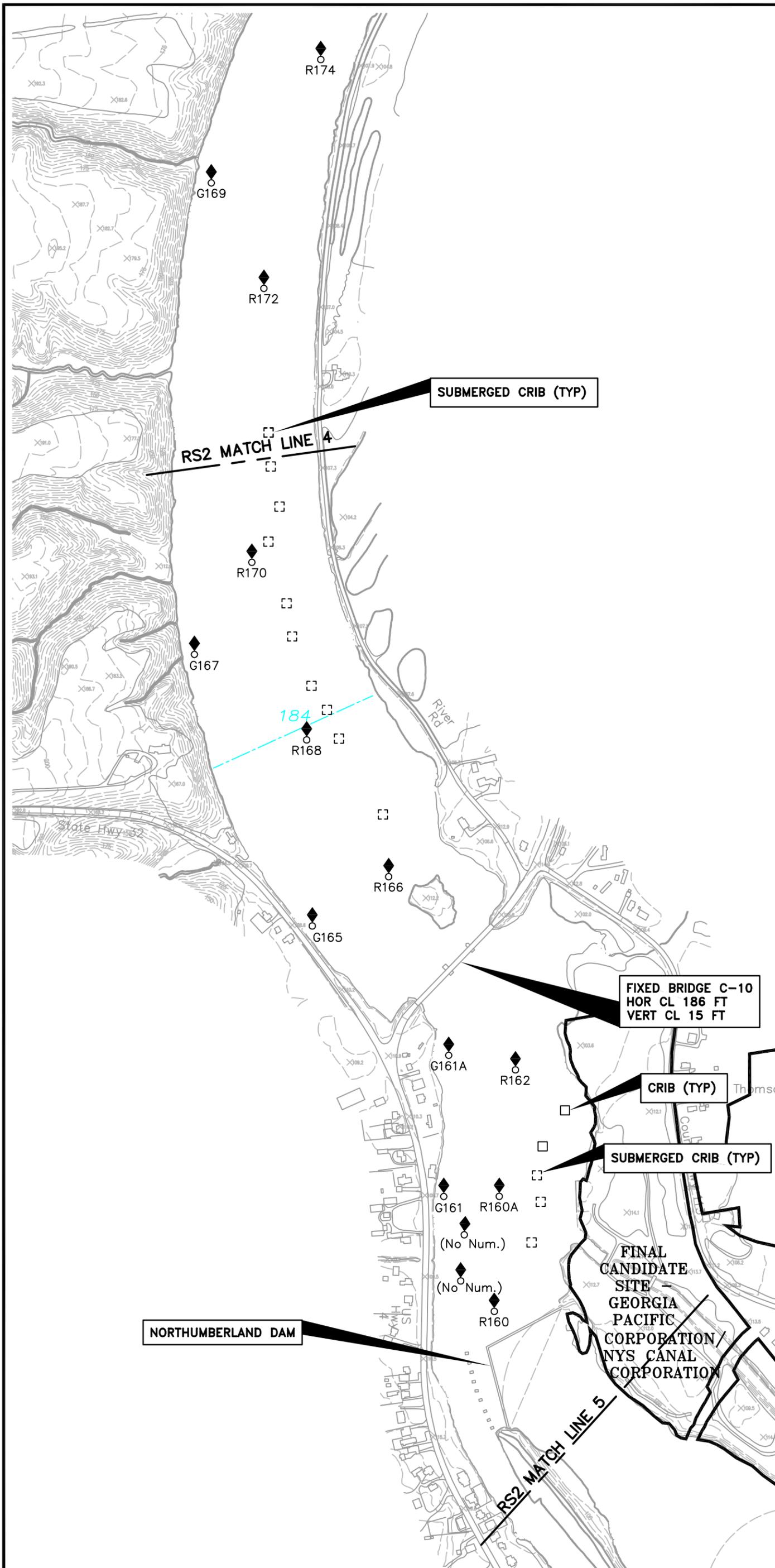
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GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
PRELIMINARY DESIGN REPORT

**HUDSON RIVER
STRUCTURE AND
OBSTRUCTION
INVENTORY**

RS2.4
X: HUDSONRIVER01: 05511X01,05511X02,05511X03,ALLCON1,ALLCON2,ALLCON3,ALLCON4,RIVCON.DWG
L: ON=*, OFF=*REF*,*HEDGE,*TREE-CONIF,*WOODLINE
P: PAGESET/PLT-BP
12/20/03 SYR-85-RLP GMS RLP
N/20433007/OBSTRUCT/20433B01.DWG

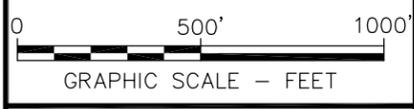


- LEGEND:**
- RIVER SHORELINE
 - APPROXIMATE RIVER MILE
 - ◆ BUOY
 - ◆ FLASHING BUOY
 - ◆ MULTICOLORED BUOY
 - ◆ FIXED BUOY OR BEACON
 - Marina** ITEM IDENTIFIED BY QEA

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 - G = GREEN
 - NUMBER = BUOY NUMBER
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 - FL = FLASHING
 - Priv = PRIVATELY OWNED
- REFER TO NOAA CHART NO.1 FOR COMPLETE EXPLANATION OF COLORS AND IDENTIFICATION.

- ABBREVIATIONS:**
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 - FT = FEET
 - TYP = TYPICAL

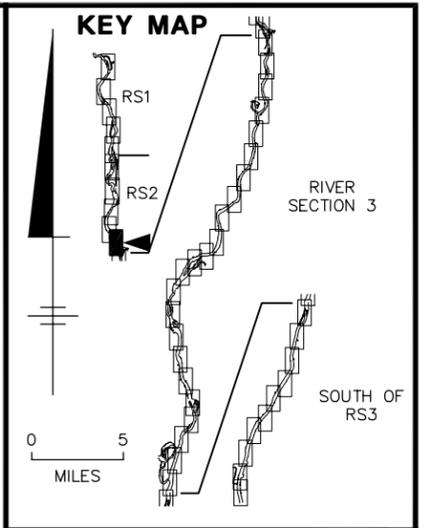
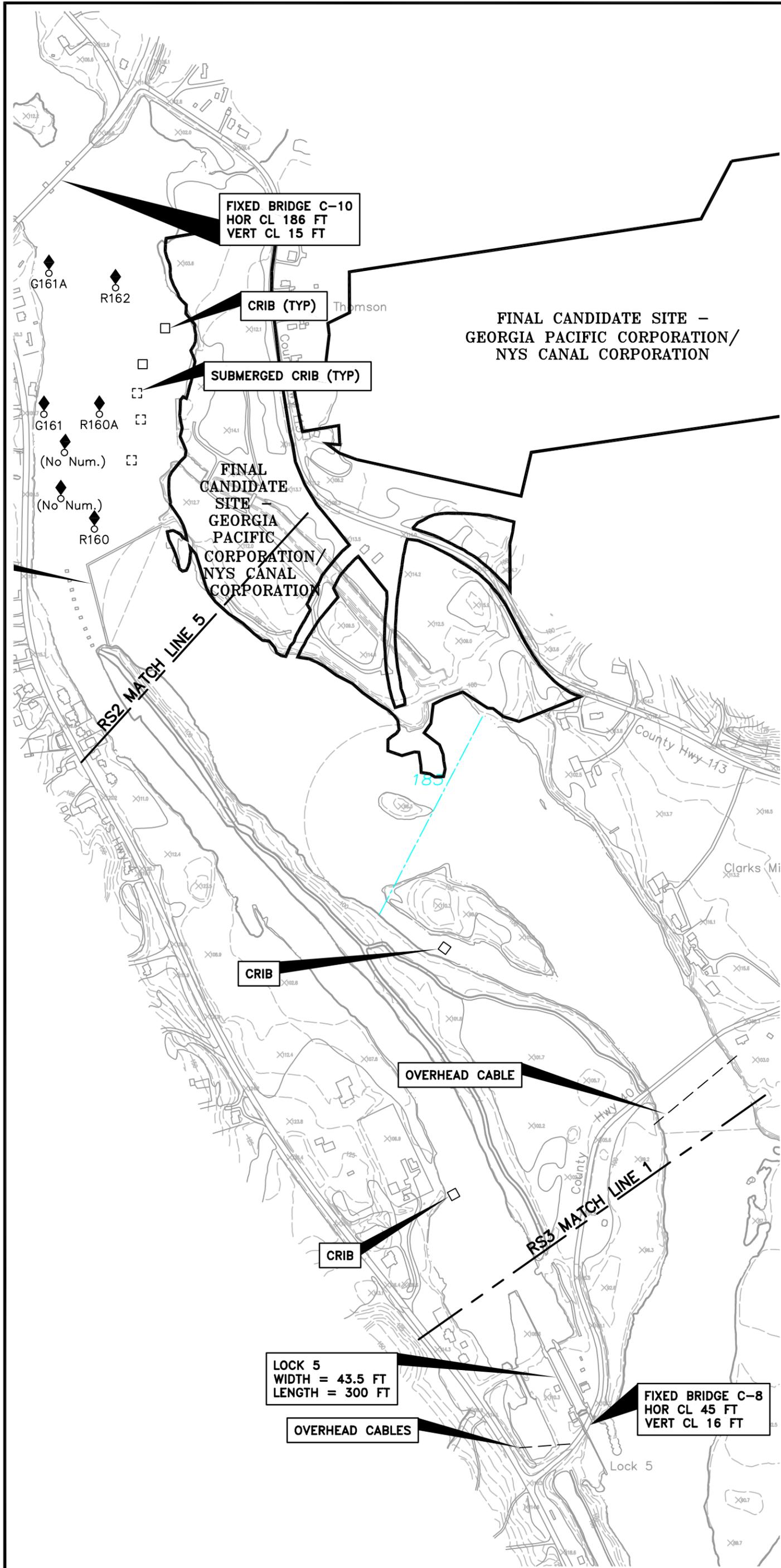
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GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
PRELIMINARY DESIGN REPORT

**HUDSON RIVER
STRUCTURE AND
OBSTRUCTION
INVENTORY**

RS2.5
X: HUDSONRIVER01: 05511X01,05511X02,05511X03,ALLCON1,ALLCON2,ALLCON3,ALLCON4,RIVCON.DWG
L: ON=*, OFF=*REF*,*HEDGE,*TREE-CONIF,*WOODLINE
P: PAGESET/PLT-BP
12/21/03 SYR-85-RLP GMS RLP
N/20433007/OBSTRUCT/20433B01.DWG



LEGEND:

- RIVER SHORELINE
- - - APPROXIMATE RIVER MILE
- ◆ BUOY
- ⊙ FLASHING BUOY
- ◇ MULTICOLORED BUOY
- FIXED BUOY OR BEACON
- Marina** ITEM IDENTIFIED BY QEA

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- WOr = WHITE AND ORANGE
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REFER TO NOAA CHART NO.1 FOR COMPLETE EXPLANATION OF COLORS AND IDENTIFICATION.

ABBREVIATIONS:

- CL = CLEARANCE
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NOTE:

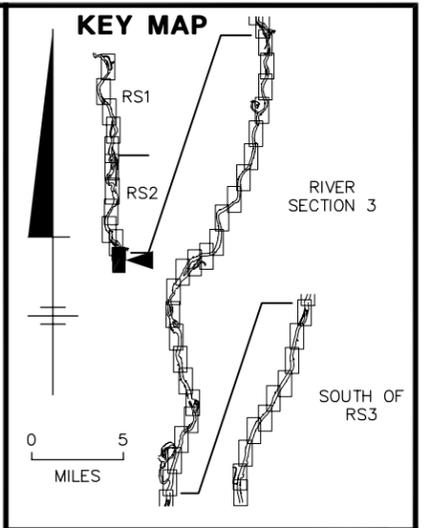
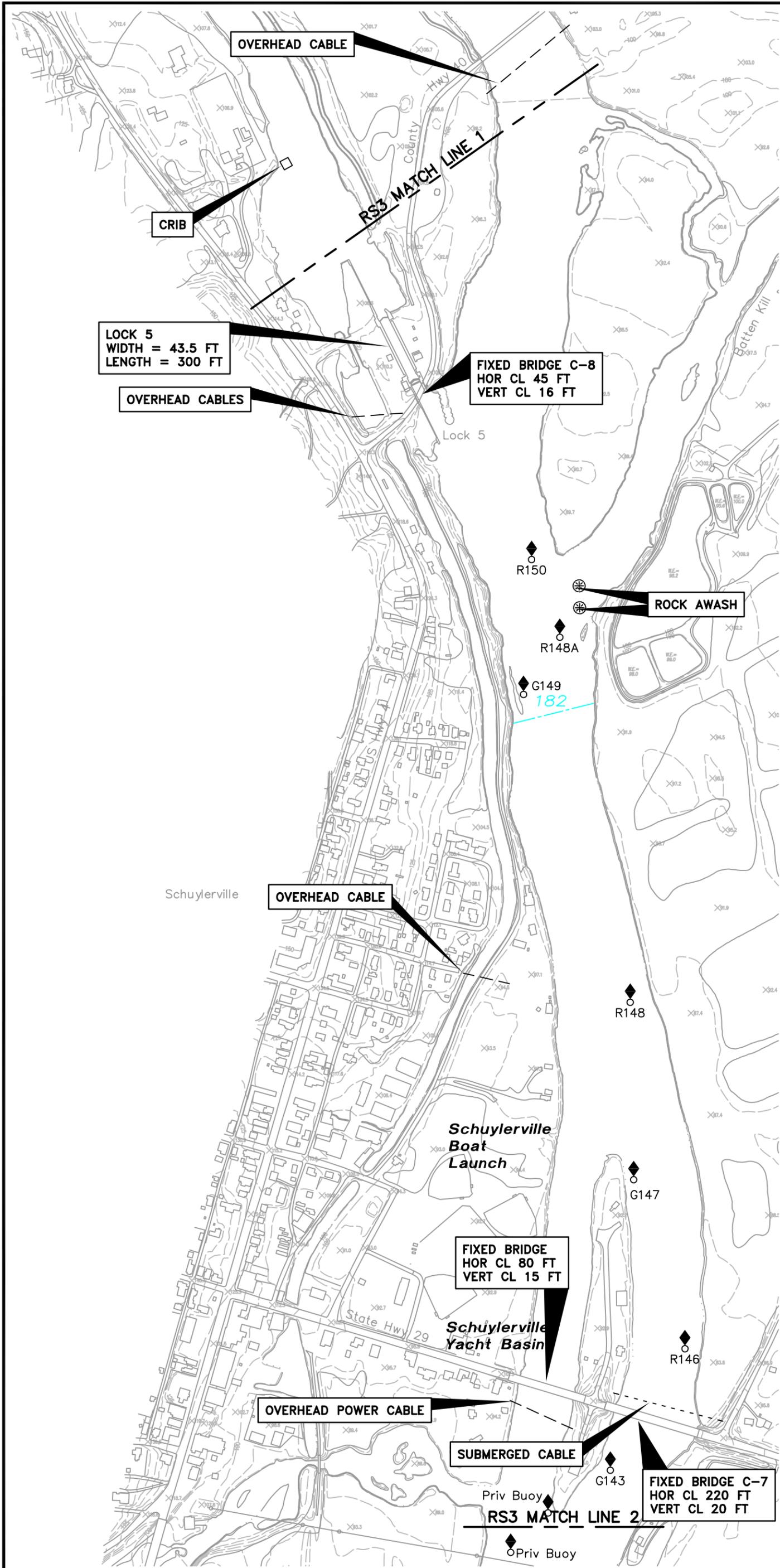
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0 500' 1000'

GRAPHIC SCALE - FEET

GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
PRELIMINARY DESIGN REPORT

**HUDSON RIVER
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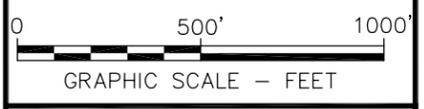


- LEGEND:**
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 - ◆ BUOY
 - ◆ FLASHING BUOY
 - ◆ MULTICOLORED BUOY
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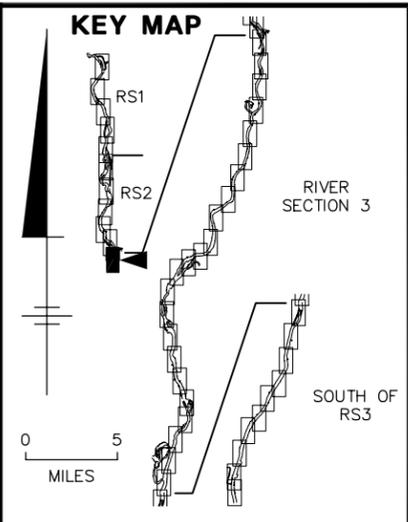
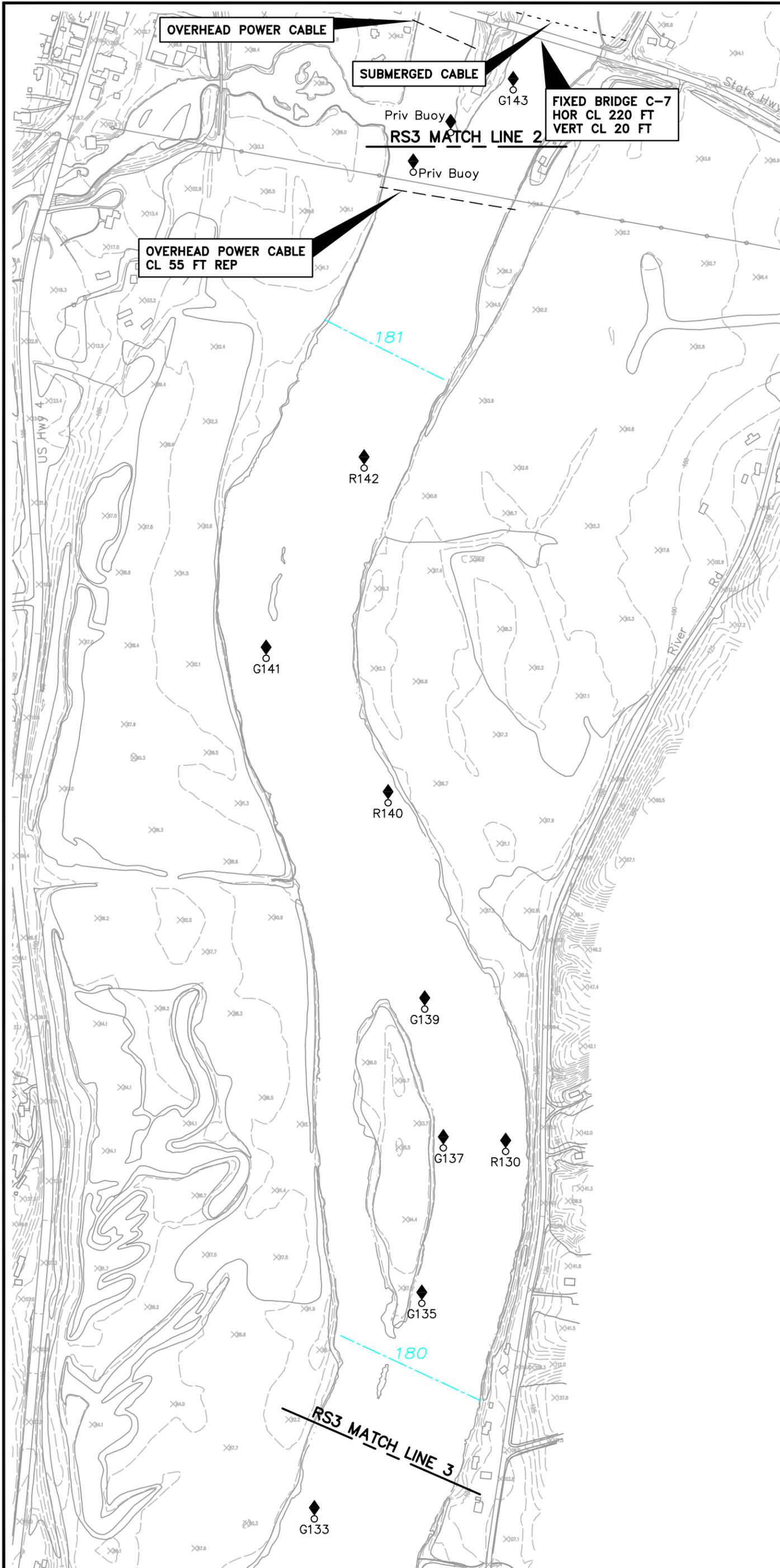
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**HUDSON RIVER
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OBSTRUCTION
INVENTORY**

RS3.2
X: HUDSONRIVER01: 05511X01,05511X02,05511X03,ALLCON1,ALLCON2,ALLCON3,ALLCON4,RIVCON.DWG
L: ON=*: OFF=*REF*,*HEDGE,*TREE-CONF,*WOODLINE
P: PAGESET/PLT-BP
12/20/03 SYR-85-RLP GMS RLP
N/20433007/OBSTRUCT/20433B01.DWG

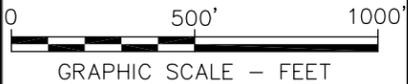


- LEGEND:**
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 - APPROXIMATE RIVER MILE
 - ◆ BUOY
 - ◆ FLASHING BUOY
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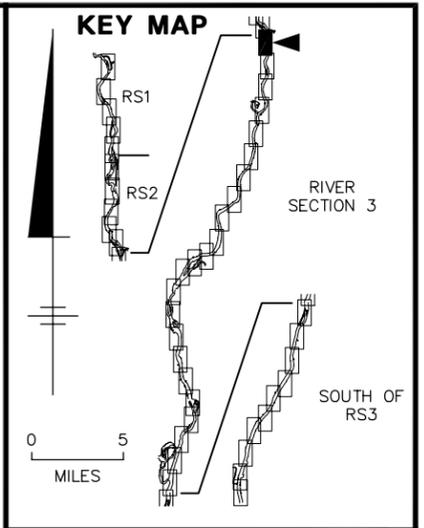
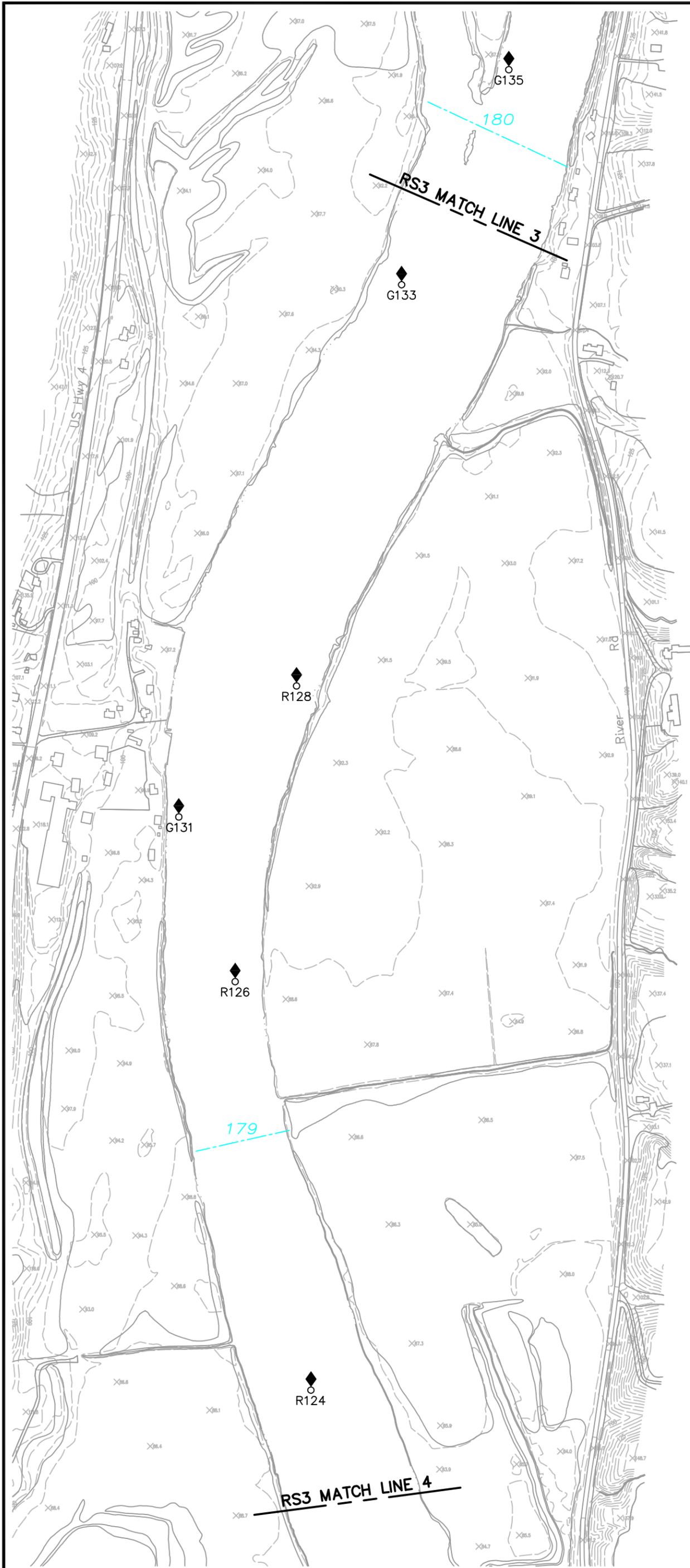
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GENERAL ELECTRIC COMPANY
HUDSON RIVER PCBs SUPERFUND SITE
PRELIMINARY DESIGN REPORT

**HUDSON RIVER
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RS3.3
X: HUDSONRIVER01: 05511X01,05511X02,05511X03,ALLCON1,ALLCON2,ALLCON3,ALLCON4,RIVCON.DWG
L: ON=* OFF=*REF,*HEDGE,*TREE-CONF,*WOODLINE
P: PAGESET/PLT-BP
12/20/03 SYR-85-RLP GMS RLP
N/20433007/OBSTRUCT/20433B01.DWG

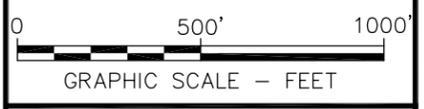


- LEGEND:**
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L: ON=* OFF=*REF* *HEDGE,*ITREE-*CONIF,*WOODLINE
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12/20/03 SYR-85-RLP GMS RLP
N/20433007/OBSTRUCT/20433801.DWG