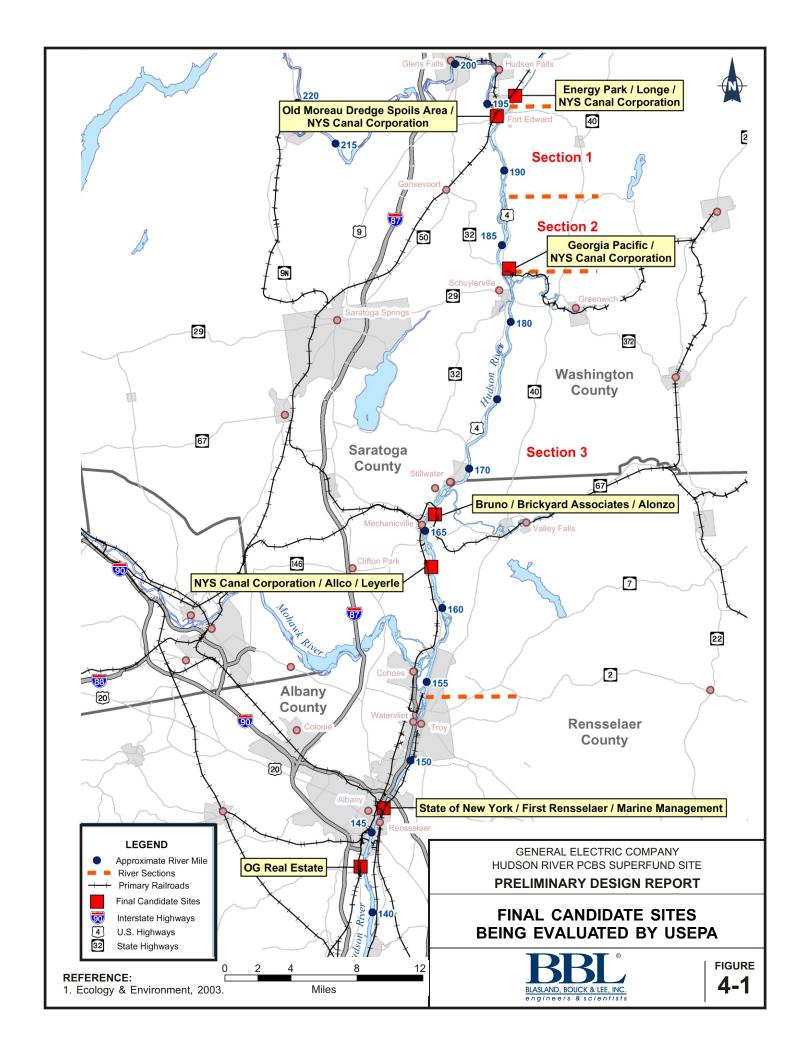
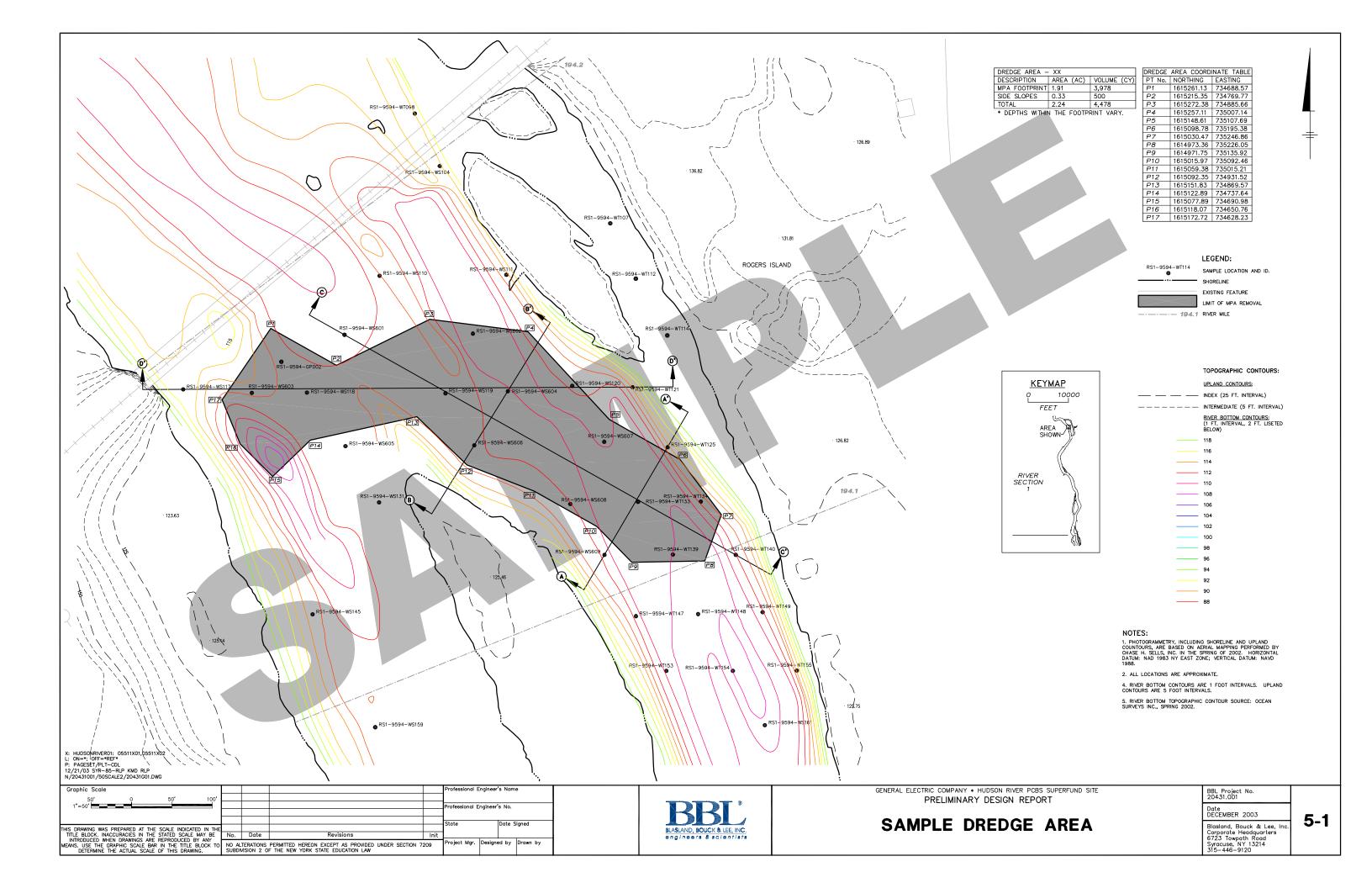
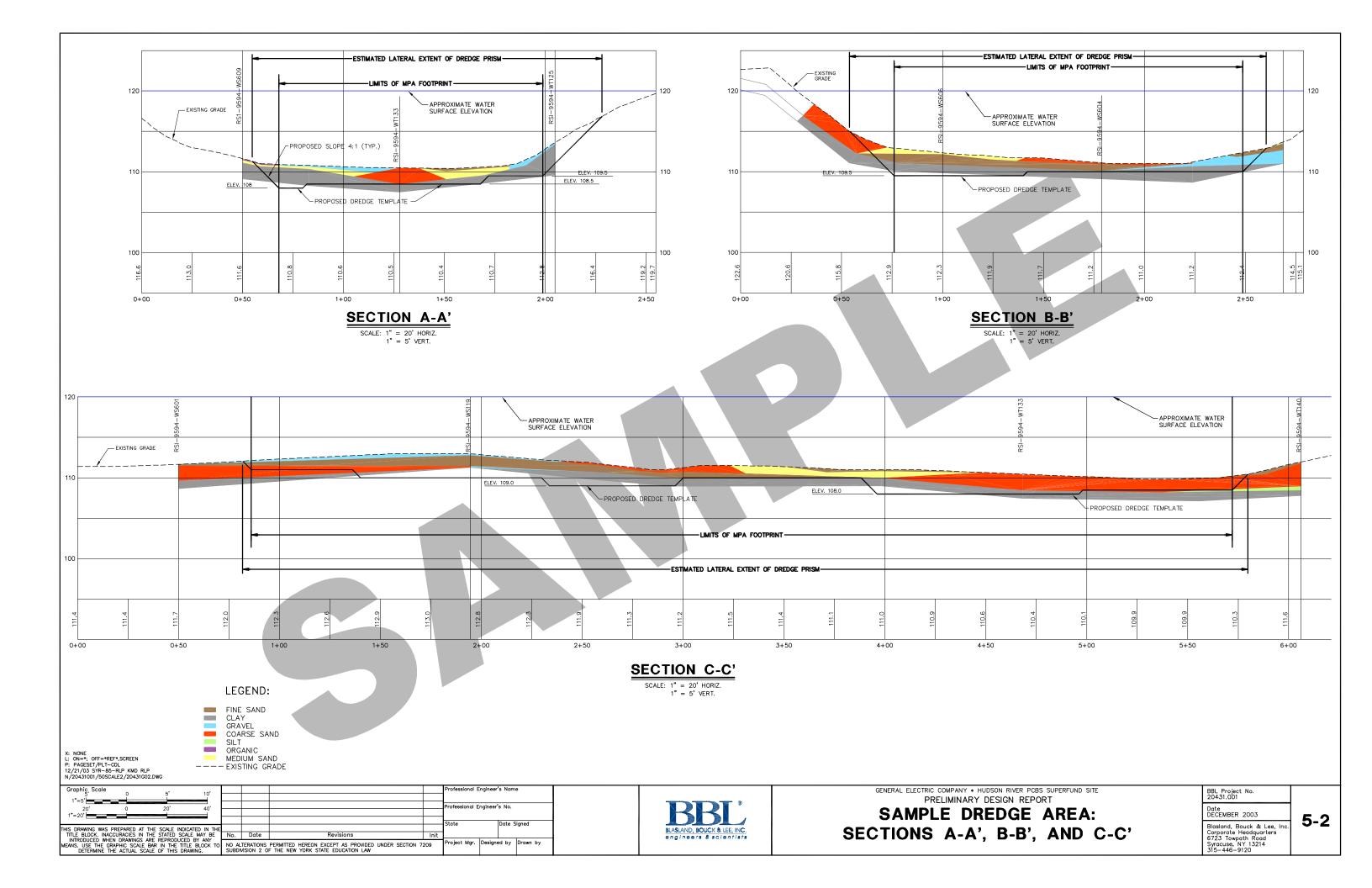
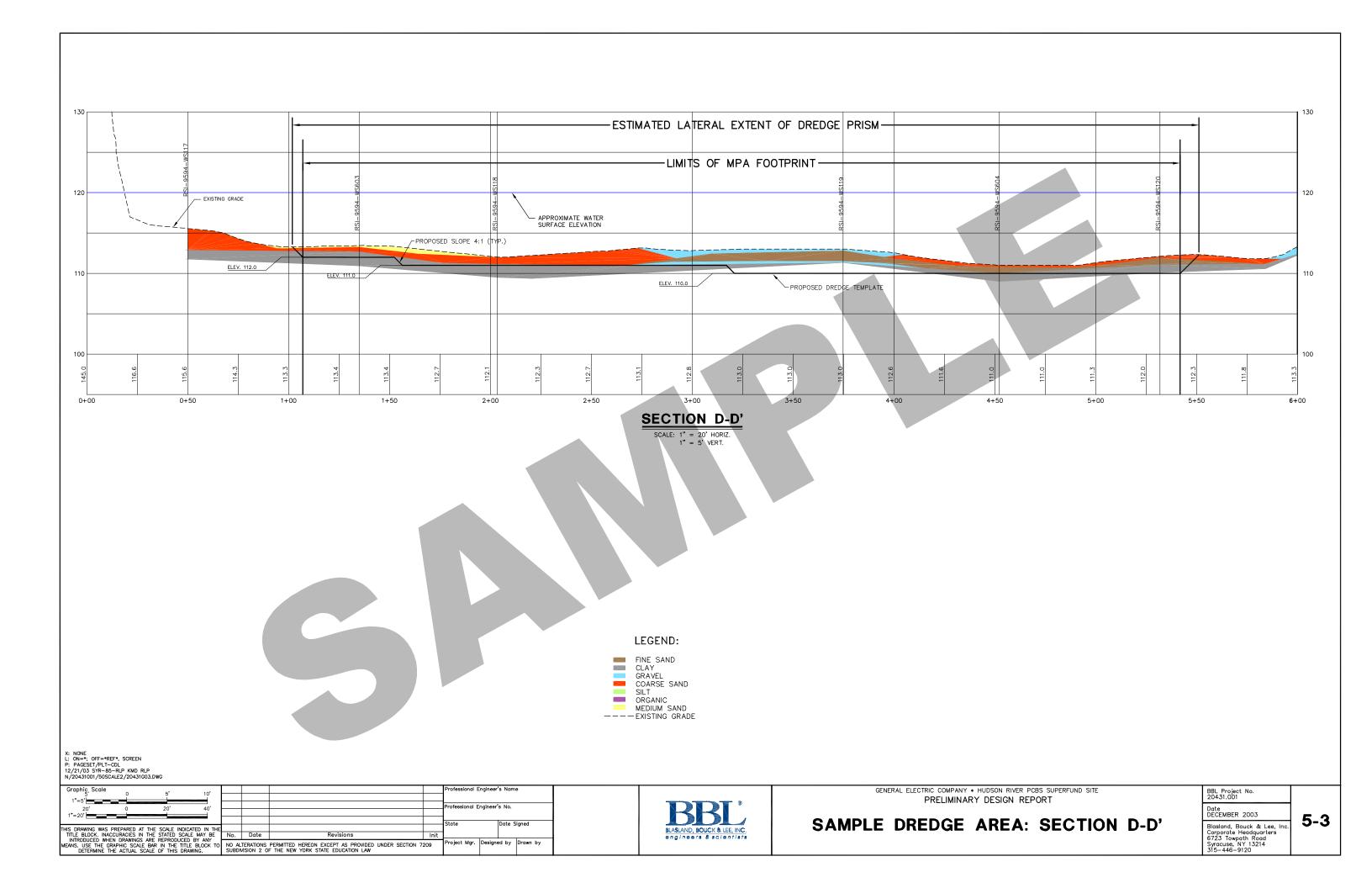
# **Figures**

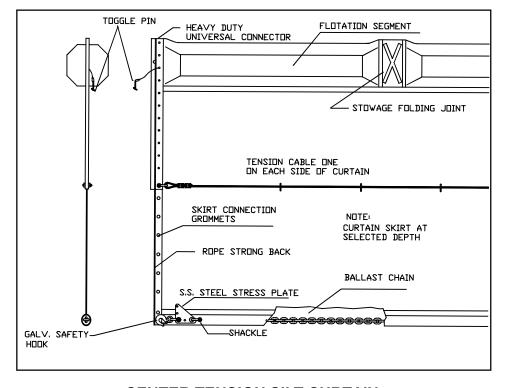


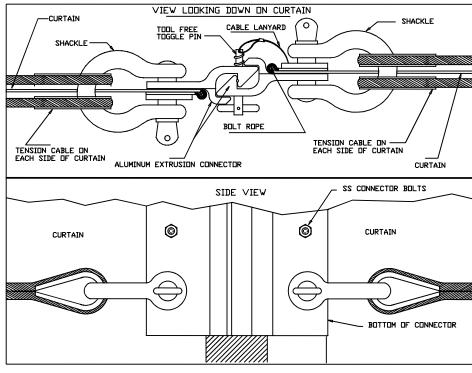


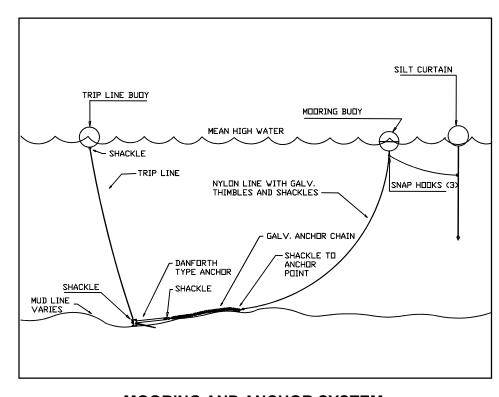












**CENTER TENSION SILT CURTAIN** 

SILT CURTAIN LOAD TYPE CONNECTOR

**MOORING AND ANCHOR SYSTEM** 

SOURCE:

1. Parker Systems, 2003.

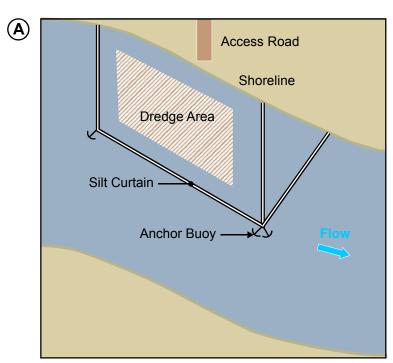
GENERAL ELECTRIC COMPANY HUDSON RIVER PCBS SUPERFUND SITE

PRELIMINARY DESIGN REPORT

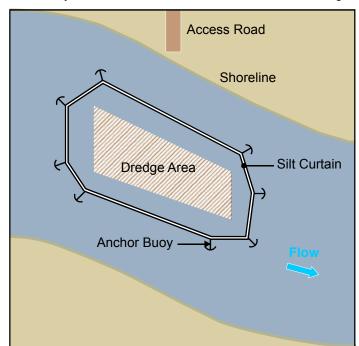
TYPICAL DETAILS OF TURBIDITY CURTAIN CONTROL PROCESS OPTION



FIGURE 6-1

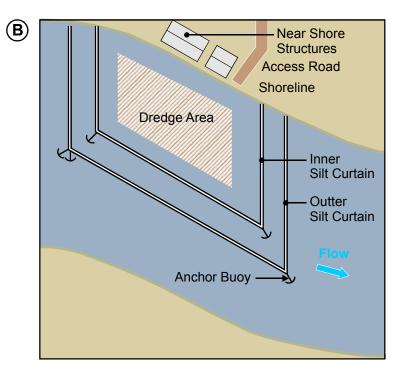


Single silt curtain control for near shoreline dredge area. Secondary downstream silt curtain to allow access to dredge area.

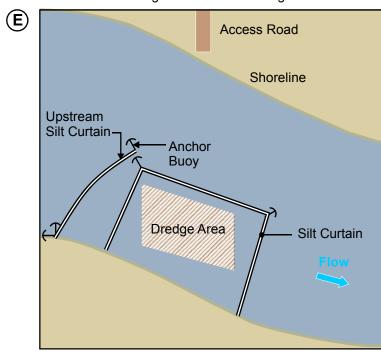


Single mid-river perimeter silt curtain.

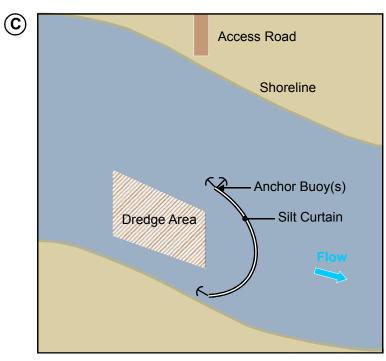
**(D**)



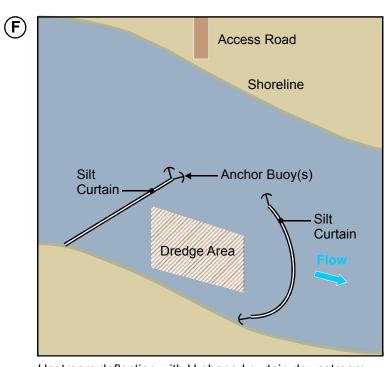
Double silt curtain control to allow alternative openings for vessel access along near shoreline dredge area.



Single silt curtain control with upstream velocity reduction secondary silt curtain.



U-shaped silt curtain.



Upstream deflection with U-shaped curtain downstream.

NOT-TO-SCALE

## NOTES:

- 1. These are conceptual layouts and are not meant to represent all possible combinations.
- 2. Certain sections of silt curtain maybe temporarilly removed to allow vessel access.

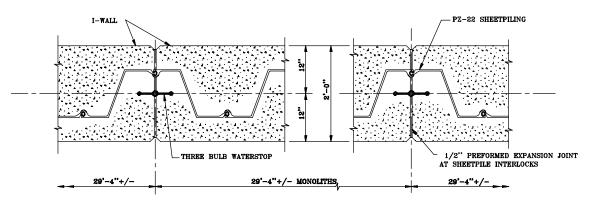
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## PRELIMINARY DESIGN REPORT

POTENTIAL CONCEPTUAL LAYOUT AND CONFIGURATION OF SILT CURTAIN CONTROL



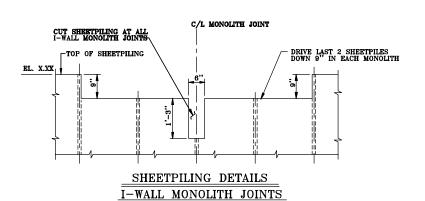
FIGURE 6-2



## TYPICAL MONOLITH AT SHEETPILE INTERLOCKS

SCALE: 1 1/2'' = 1' - 0'

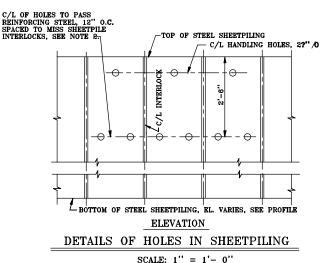
I-WALL MONOLITHS SHALL BE 29'-4"+/- UNLESS OTHERWISE INDICATED ON THE PROFILE. RACH MONOLITH SHALL END AT THE CENTER OF THE NEAREST SHEETPILE INTERLOCK.



SCALE: 1'' = 1' - 0''

## SHEETPILE NOTES

- 1. HOLES CUT IN STEEL SHEETPILING FOR PASSING REINFORCING BARS SHALL NOT EXCEED 200. WHERE HOLES FALL WITHIN THE WEB OF THE STEEL SHEETPILE, THE HOLE SHALL BE SLOTTED



GROOVE WELD SHALL EXTEND THE FULL LENGTH OF THE SHEETPILE WEB AND FLANGES EXCLUDING THE INTERLOCKS. SPLICE PL 3/8 X 8 X 0'-6" 4 FIRST WELD. PZ-27 SHEETPILE 3" 3" 3" SECTION (A) PLAN SHEETPILE SPLICE DETAIL SCALE: 3'' = 1' - 0''

PERMANENT BOLTS C/L ?" O HIGH STRENGTH BOLTS W/ FLAT WASHERS. SEE ELEVATION OF SPECIAL PSA-23 TEE SHOWING BENT PLATES BOLT SPACING PROTECTED SIDE THIS PORTION OF BERN AND PIECE OF PEA-BS SIDE TO HE REMOVED. DRIVING OF SPECIAL P I-WALL T-WALL 4 1/2" 4 1/2" 1 3/4" 2 3/42" 3/4" 1 3/4" C/L 1" O HOLES IN PLATE "B" ONLY T-WALL SIDE I-WALL SIDE PIECE PSA-23 PIECE PSA-23-PLATE 2?" EL. -X.XX 1/2" I-WALL SIDE ELEVATION PROTECTED SIDE 8 1/2" ELEVATION STA. XXX+XX.XX W/L FLOOD SIDE ELEVATION OF SPECIAL PSA-23 TEE TEMPORARY DRIVING BOLTS

C/L ?" O' HIGH STRENGTH BOLTS W/ FLAT WASHERS.

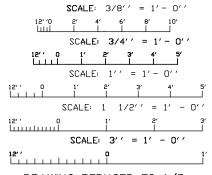
SEE ELEVATION OF SPECIAL PSA-23 TEE SHOWING BENT PLATES BOLT SPACING.

THESE BOLTS ARE TO BE REMOVED WHEN EACH BOLT IS APPROXIMATELY 6"
ABOVE GROUND LINE AS SPECIAL PSA-23 TEE IS DRIVEN, SO THAT UPON

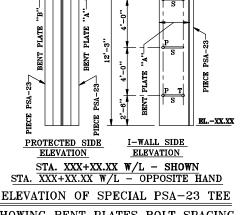
COMPLETION OF DRIVING NO TEMPORARY BOLTS SHALL REMAIN.

DETAIL (1) SPECIAL PSA-23 TEE SCALE: 3" = 1' - 0"

#### NOTES 1 . FOR GENERAL NOTES, SEE DWG.



DRAWING REDUCED TO 1/3 OF INDICATED SCALE.



SHOWING BENT PLATES BOLT SPACING

LEGEND

P = PERMANENT BOLT
T = TEMPORARY BOLT
S = SLOTTED HOLE
( PLATE "A" ONLY )

SCALE: HDRIZ. 3/4'' = 1'-0''
VERT. 3/8'' = 1'-0''

ELEVATION OF SPECIAL PSA-23 TEE SHOWING BENT PLATES BOLT SPACING

SCALE: HDRIZ. 3/4'' = 1'-0''
VERT. 3/8'' = 1'-0''

SOURCE: US ARMY CORPS OF ENGINEERS, NEW ORLEANS DISTRICT (1990).

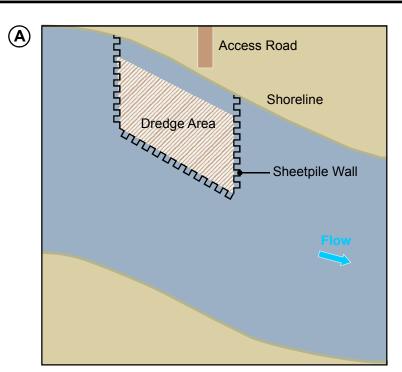
EL. X.XX

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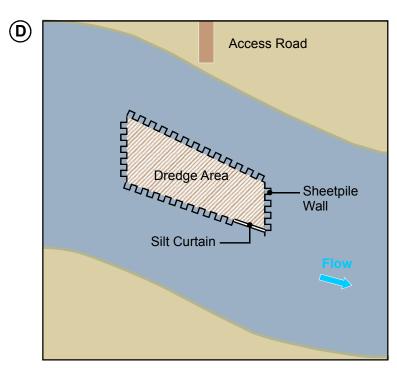
TYPICAL SHEETPILE DETAILS

**FIGURE** 6-3

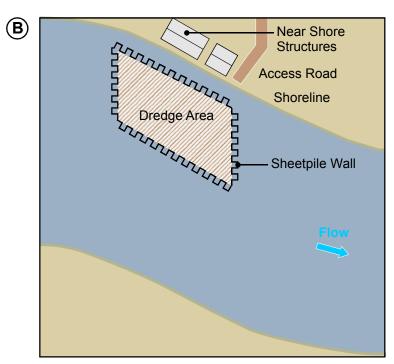
L: ON=\*, OFF=REF 12/21/03 SYR-85-RLP NES RLP N/20433009/20433G01.DWG



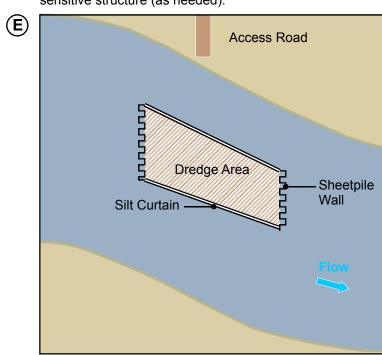
Sheetpile wall control for near shoreline dredge area.



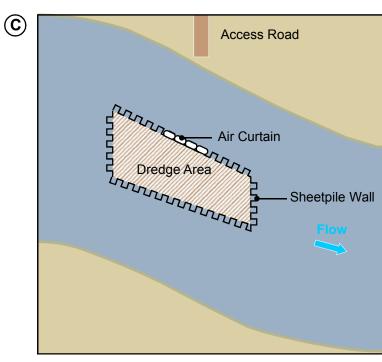
Sheetpile wall control for mid-river dredge area with silt curtain for gate protection.



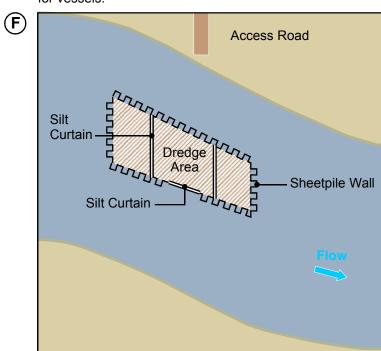
Sheetpile wall control for near shoreline dredge area near sensitive structure (as needed).



Partial sheetpile wall control utilizing silt curtains for mid-river dredge area. Silt curtain may be removed to allow vessel access.



Sheetpile wall control utilizing air curtain to provide access for vessels.



Sheetpile wall control with internal silt curtains to separate work areas and allow area access protection.

NOT-TO-SCALE

## NOTES:

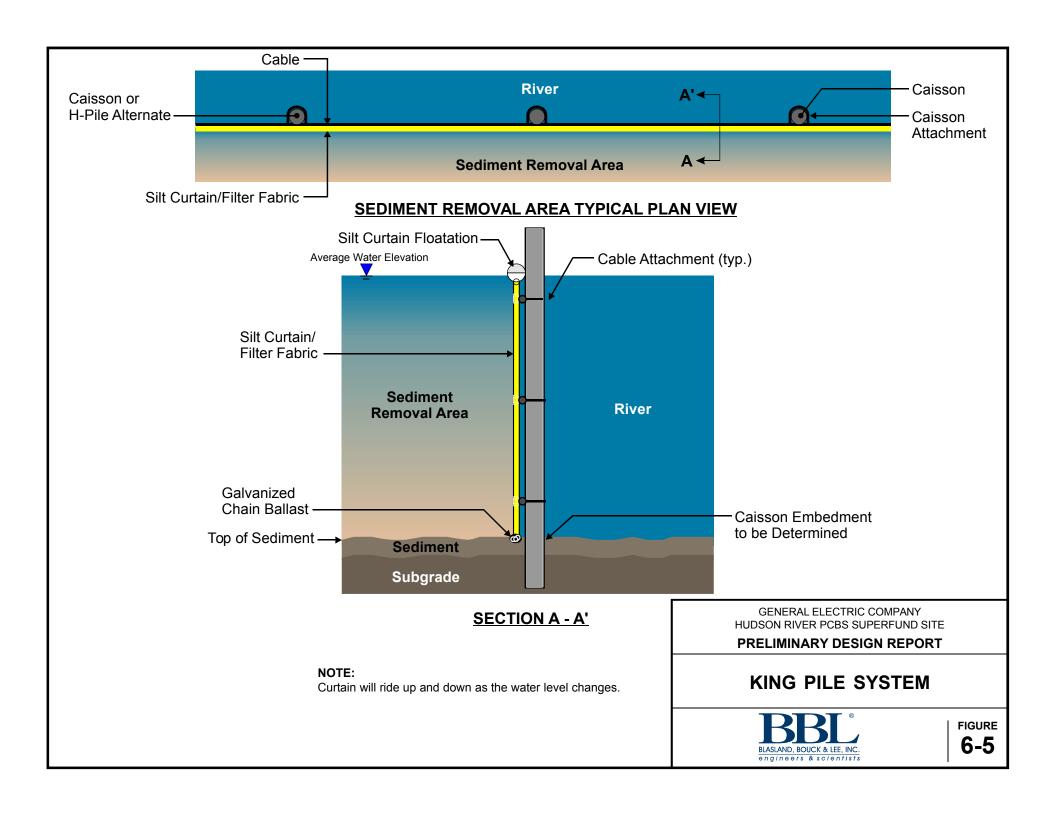
- 1. These are conceptual layouts and are not meant to represent all possible combinations.
- 2. Certain sections of silt curtain maybe temporarilly removed to allow vessel access.

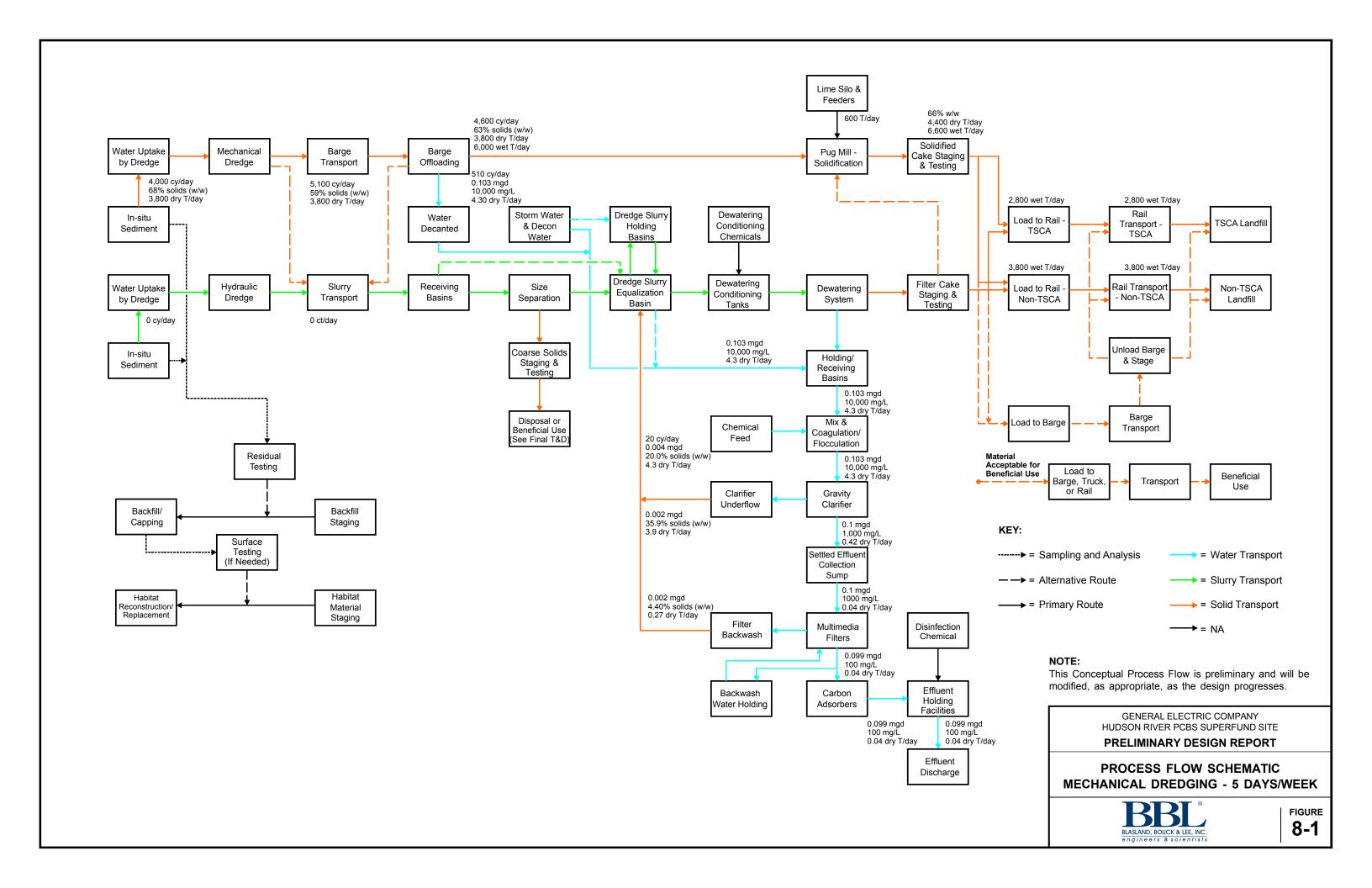
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PRELIMINARY DESIGN REPORT

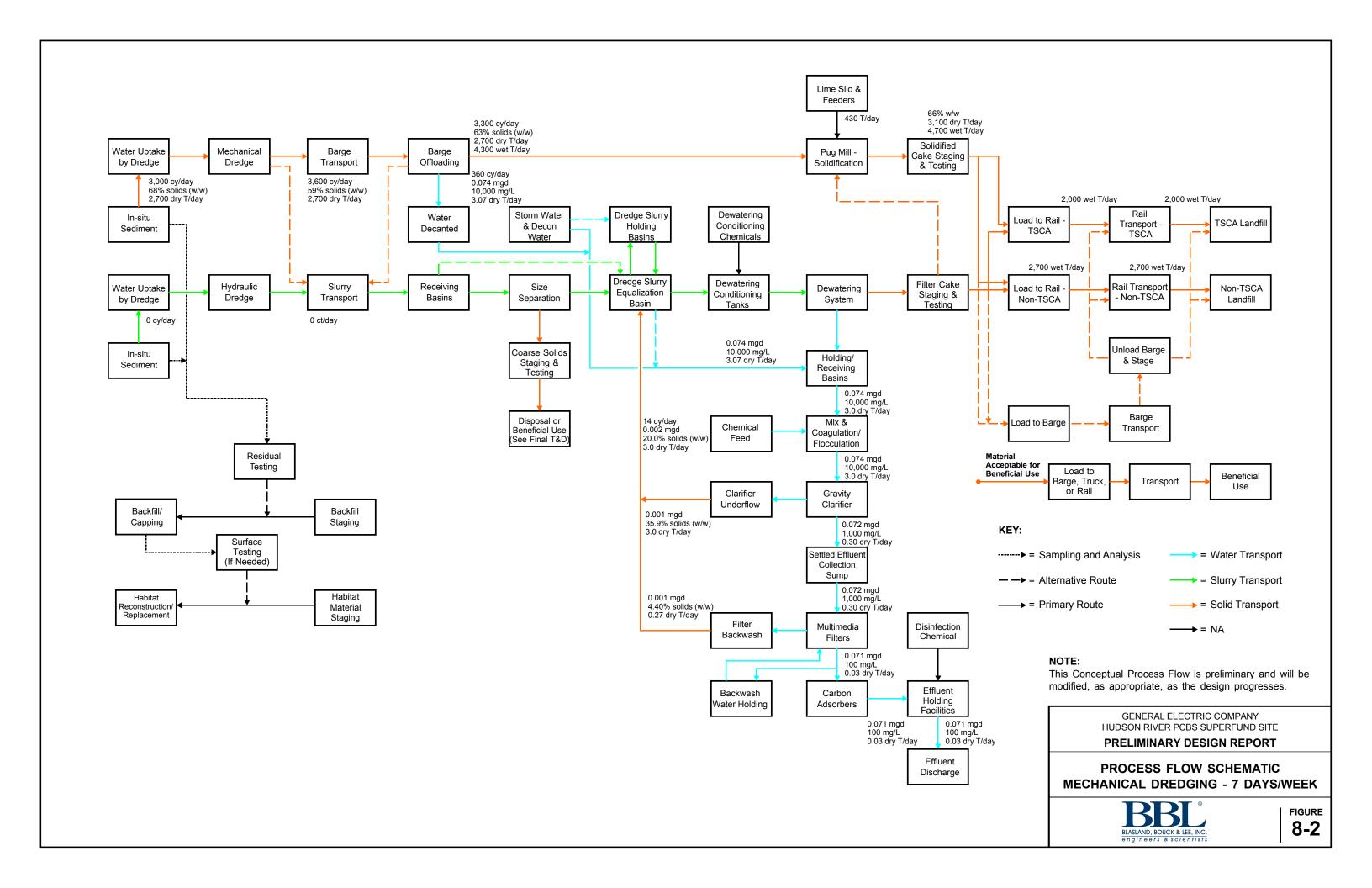
POTENTIAL CONCEPTUAL LAYOUT AND CONFIGURATION OF SHEETPILE WALL CONTROL

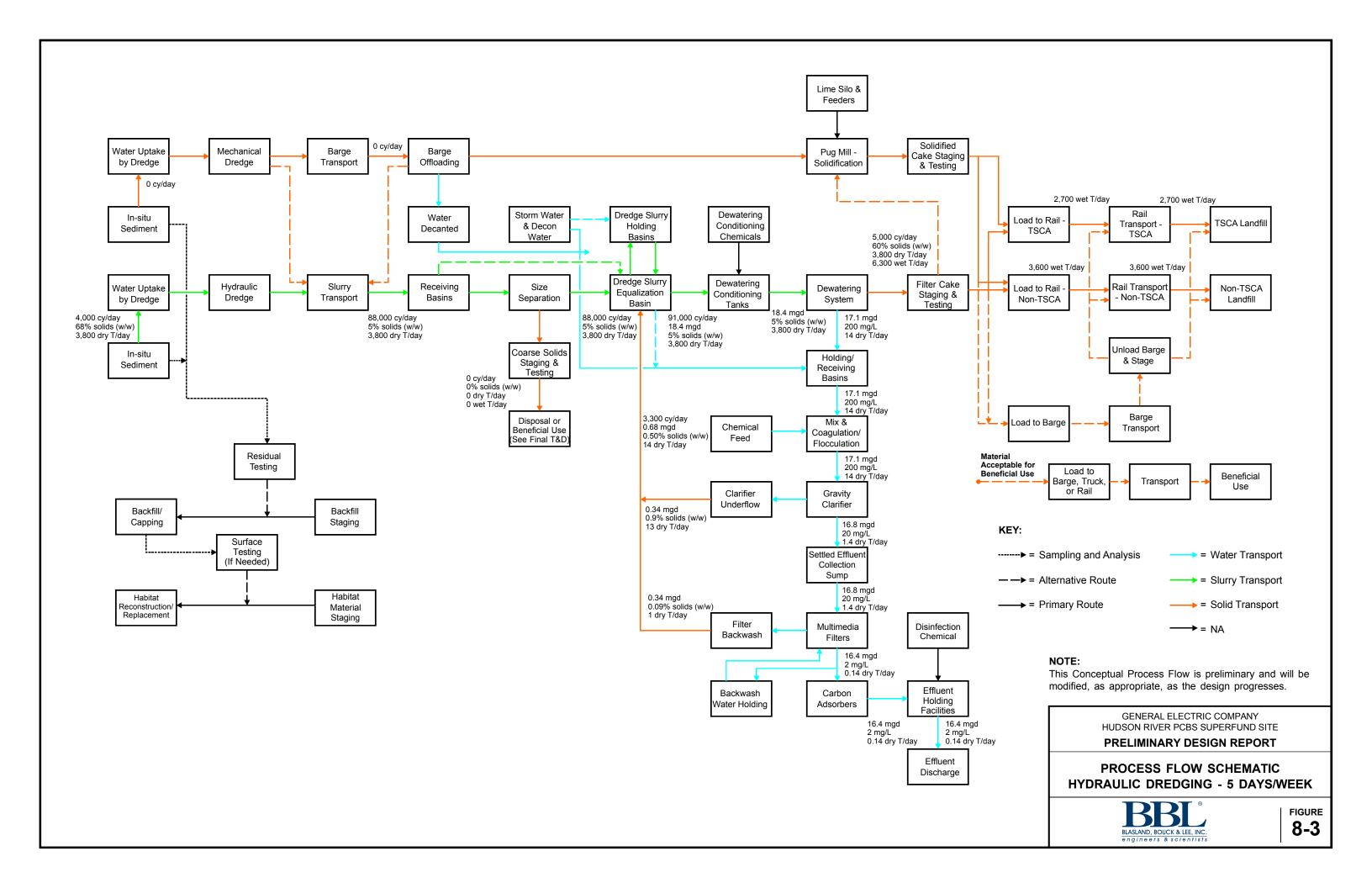


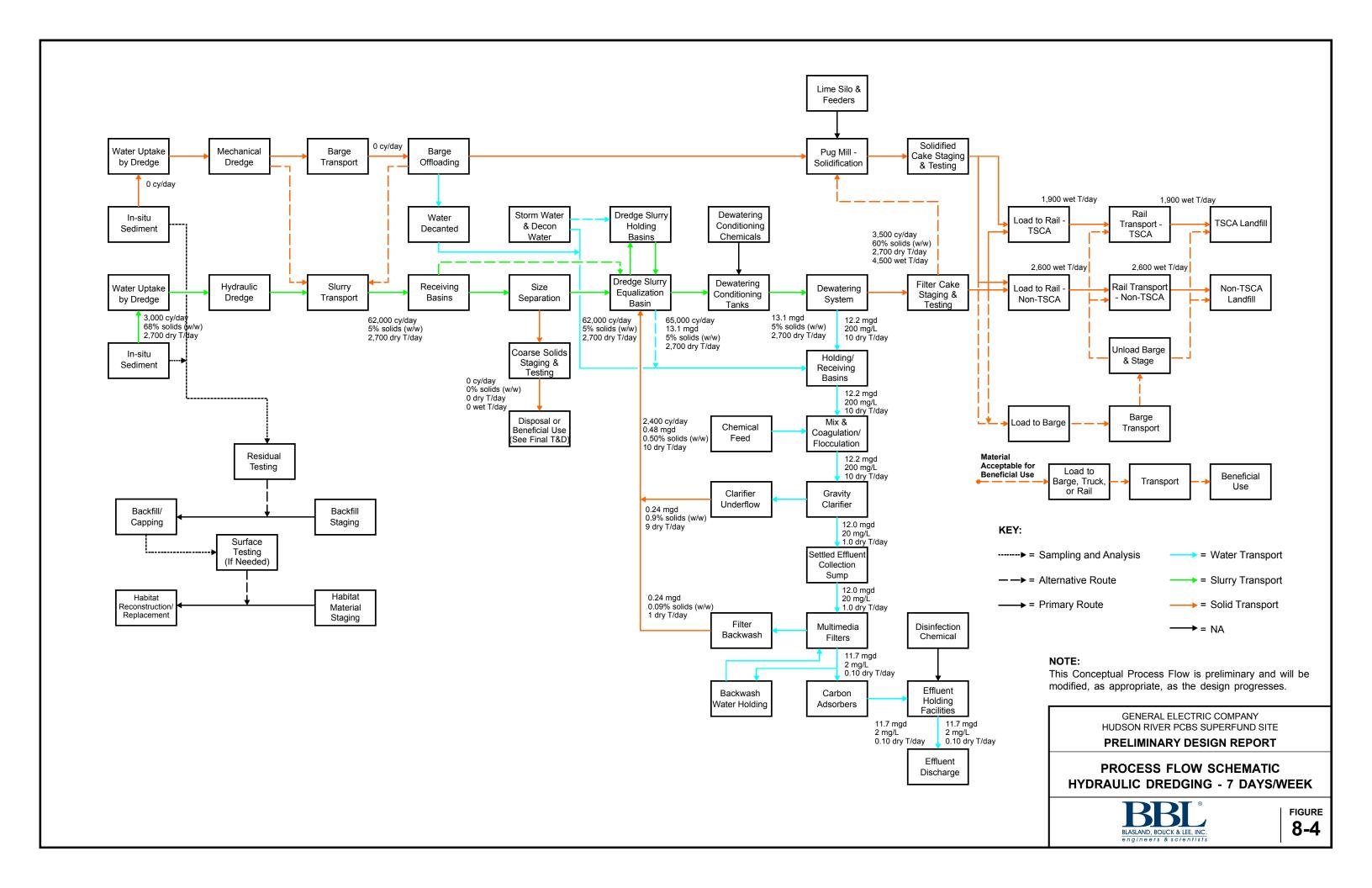
FIGURE 6-4

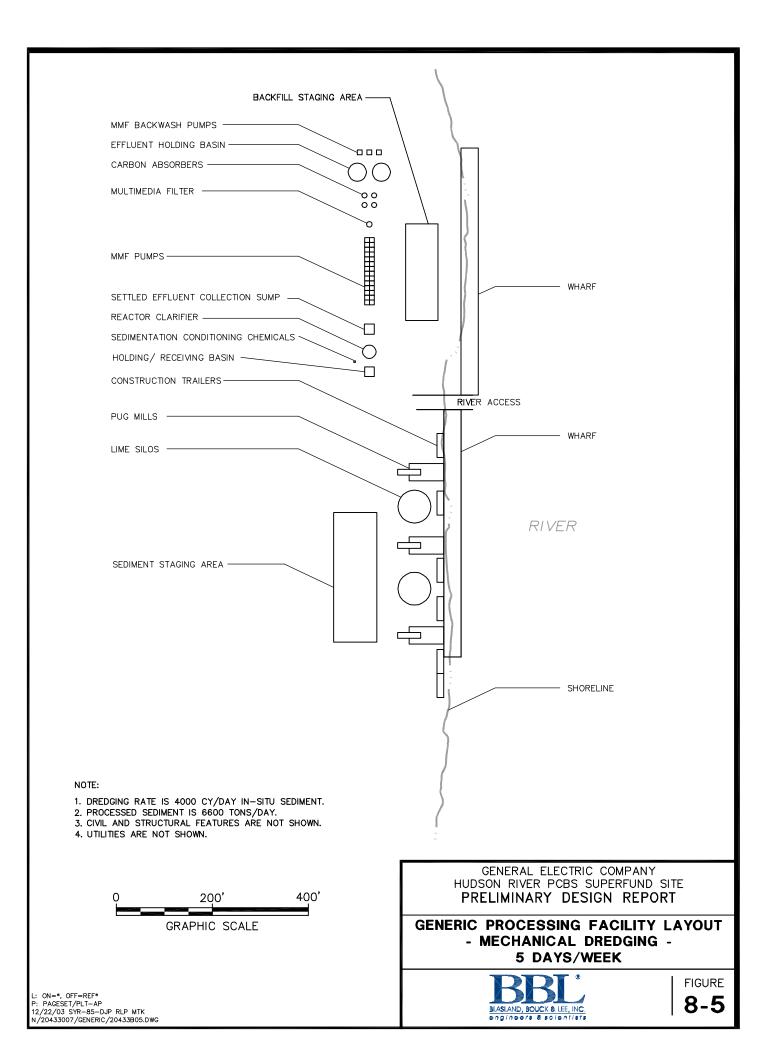


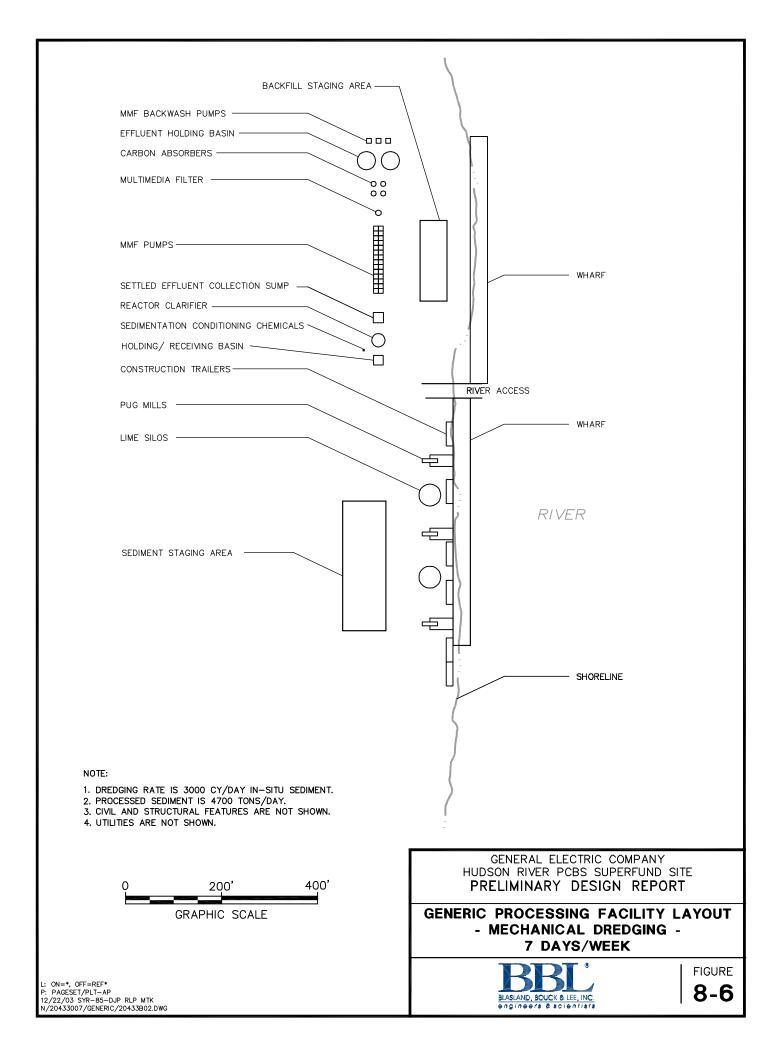


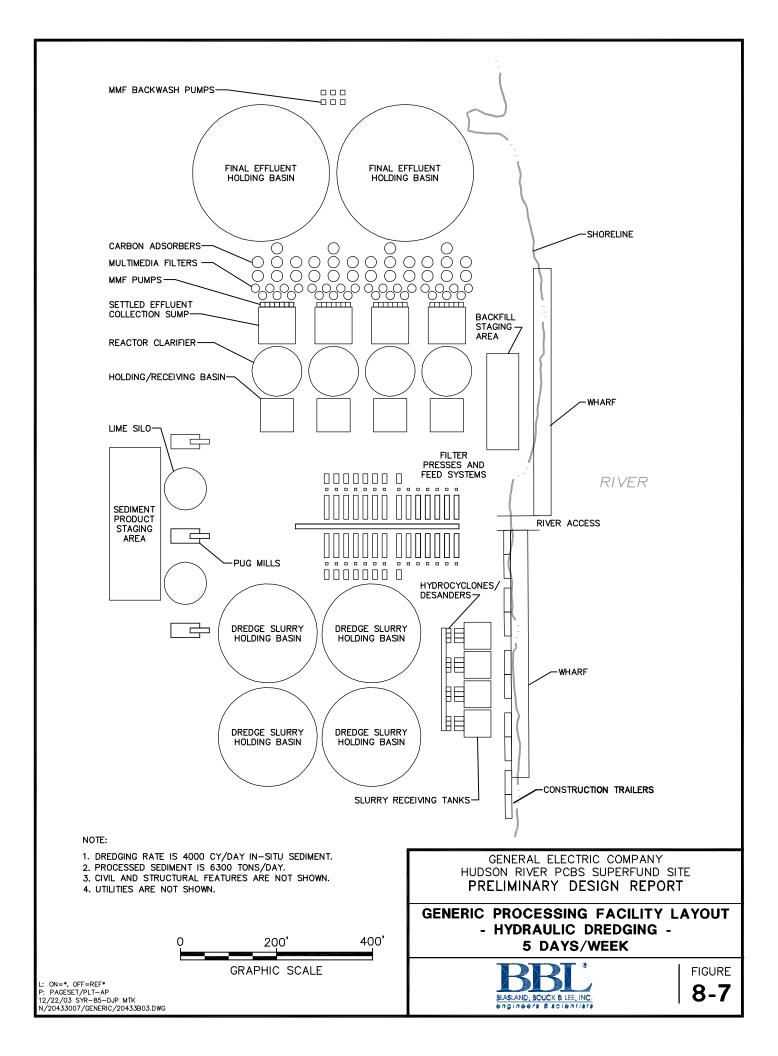


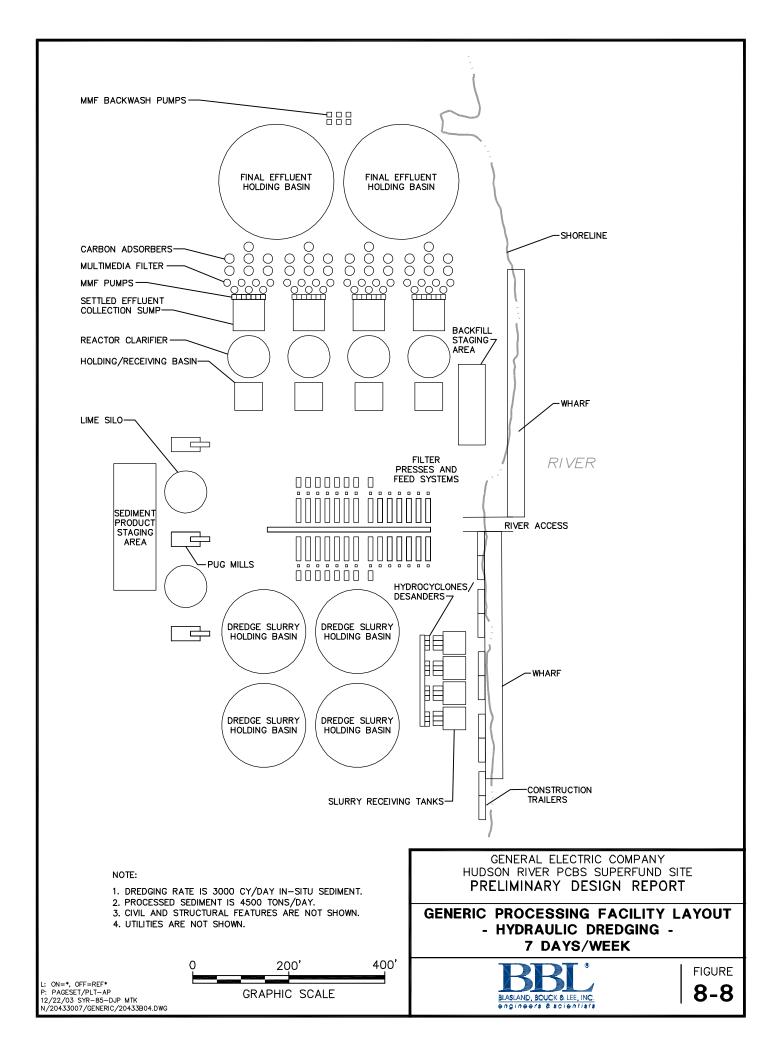


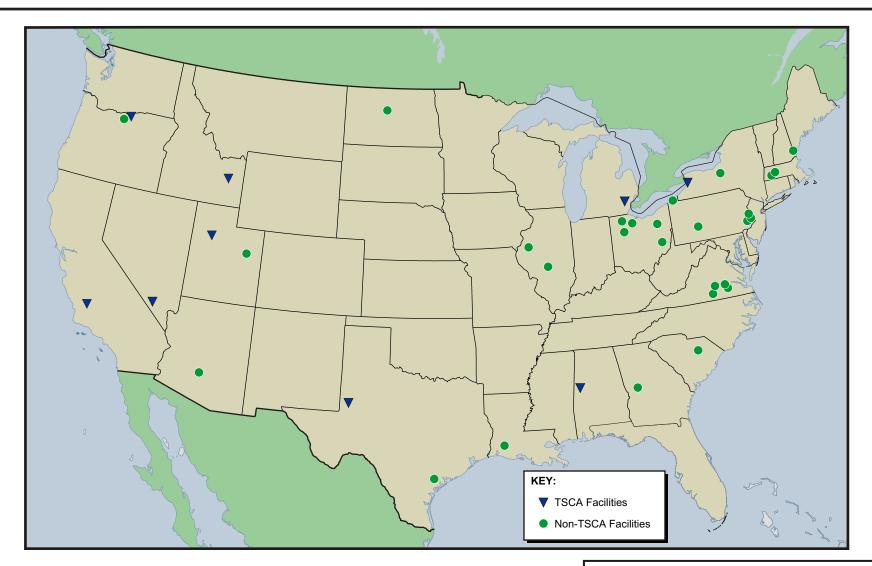












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APPROXIMATE LOCATIONS OF DISPOSAL FACILITIES



FIGURE **10-1** 

