Table 3.1-14
Multi-Use Storage Area Alternative
Operations Daily Emissions (lbs/day)

Emission Source	*CO*	*ROC*[a]	*NO_x*	*SO_x*	*PM_{10}*
Terminal equipment	391.7	51.0	367.9	30.9	24.3
Container trucks	567.1	75.8	121.7	7.1	9.1
Employee vehicles	8.4	0.6	0.8	0.1	0.2
Total Emissions	**967.2**	**127.4**	**490.4**	**38.1**	**33.6**
Total Mitigated Emissions	**967.2**	**120.7**	**411.5**	**15.7**	**33.6**
Significance Threshold	**550.0**	**55.0**	**55.0**	**150.0**	**150.0**
Significant Impact	**Yes**	**Yes**	**Yes**	**No**	**No**

Note: a. ROC: Reactive Organic Compound, which is similar to VOC except for ethane.

Table 3.1-5
Marine Container Terminal Without Rail Access
Operations Peak Daily Emissions (lbs/day)

Emission Source	*CO*	*ROC*[a]	*NO_x*	*SO_x*	*PM_{10}*
Terminal equipment	428.0	56.0	407.1	33.5	26.5
Ships	307.5	183.8	3,214.2	1,836.1	255.0
Container trucks	4,742.3	518.8	1,758.3	126.9	180.7
Employee vehicles	125.6	9.2	12.4	1.2	2.6
Total Emissions	**5,603.4**	**767.8**	**5,391.9**	**1,997.7**	**464.8**
Total Mitigated Emissions	**5,603.4**	**760.5**	**5,304.9**	**1,973.5**	**464.8**
Significance Threshold	**550.0**	**55.0**	**55.0**	**150.0**	**150.0**
Significant Impact	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**

Note: a. ROC: Reactive Organic Compound, which is similar to VOC except for ethane.

Exhibit 1-3. Alternative 1: Marine Container Terminal Without Rail Access

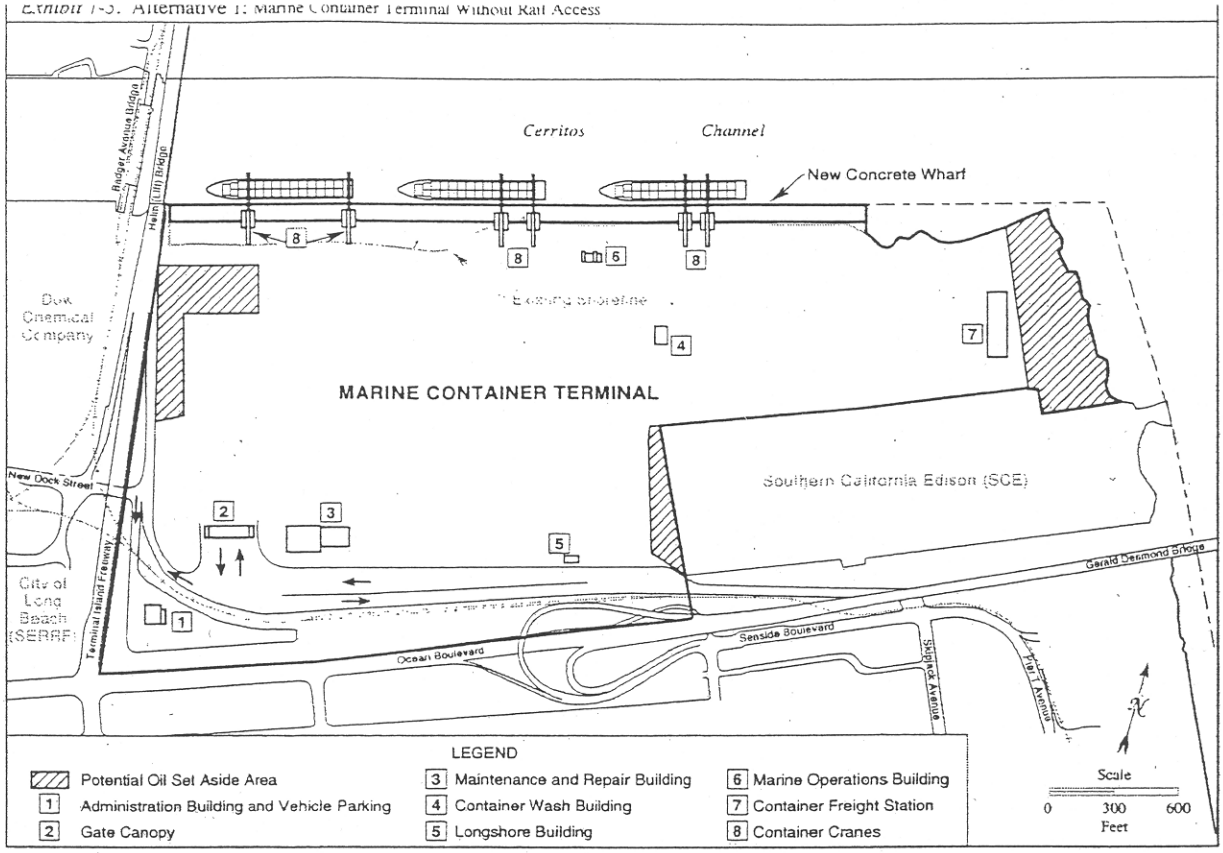
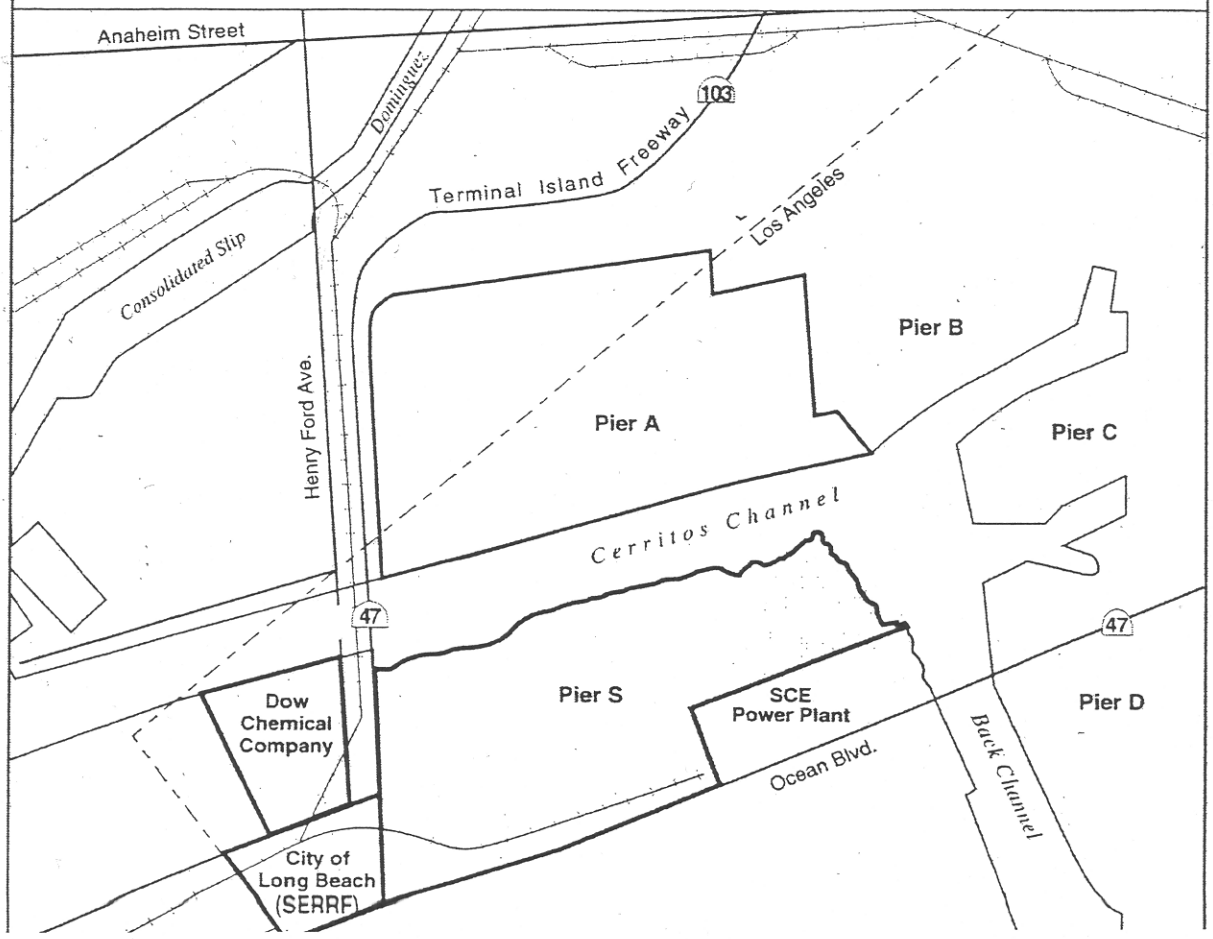
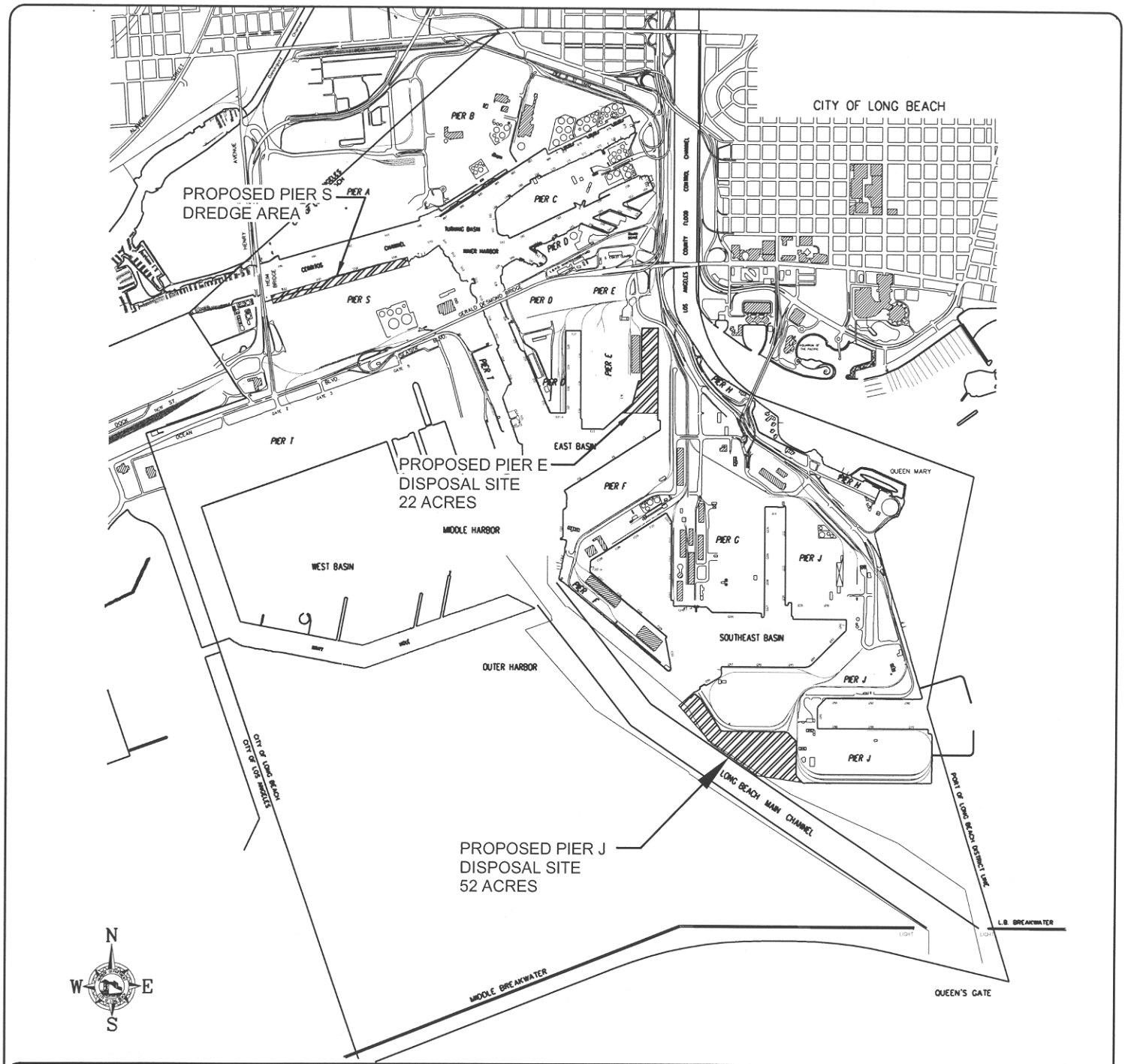


Exhibit 1-2. Pier S Project Site





THE PORT OF LONG BEACH

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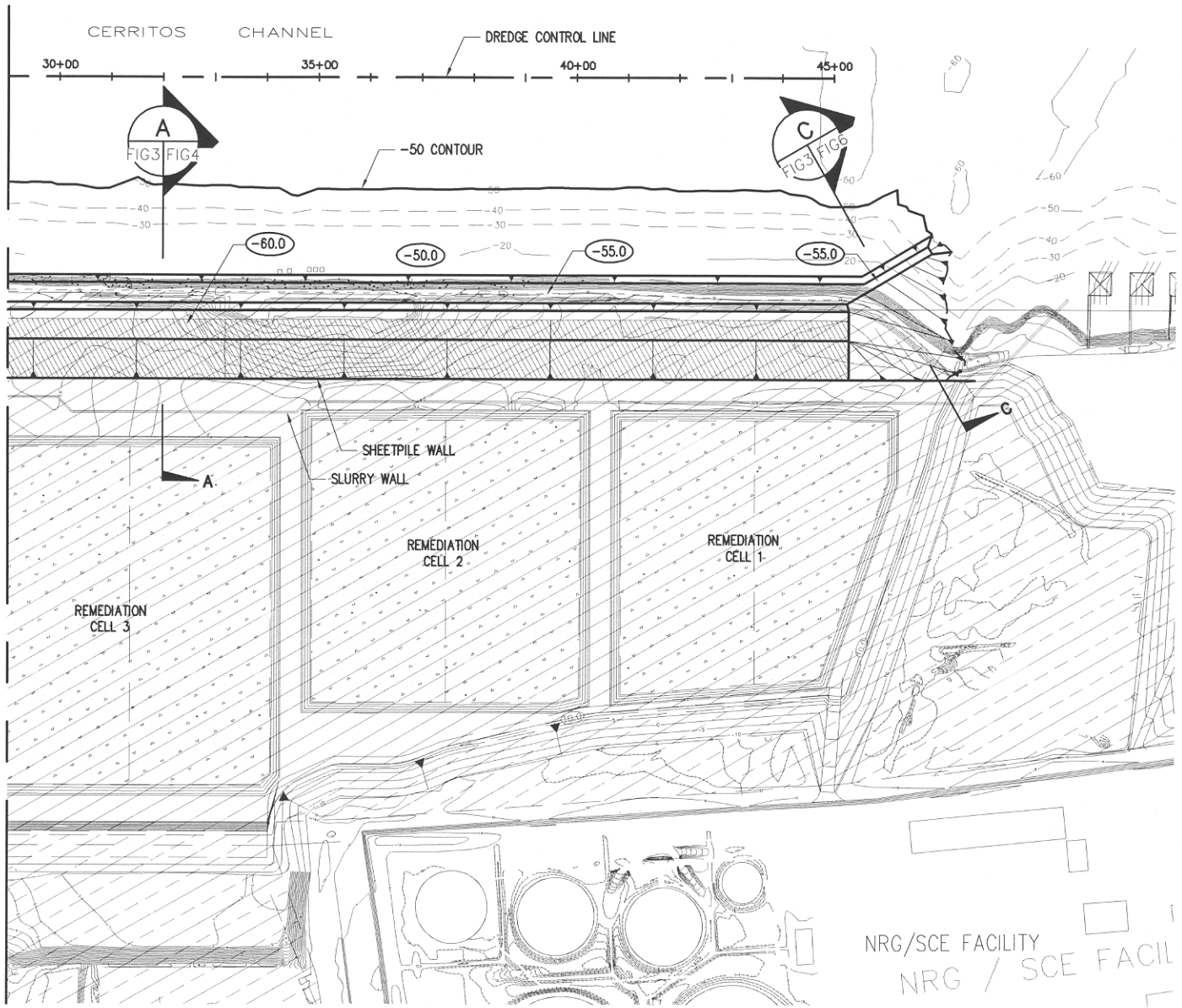
PROJECT VICINITY MAP

PIER S DREDGE
PIER J & PIER E DISPOSAL SITES

FIGURE 1

SEPTEMBER 11, 2002



PLAN
SCALE: 1"=300'

300 150 0 150 300

1 inch = 300 ft

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PIER S DREDGE PLAN - 2

PIER S & PIER J

FIGURE 3

JULY 16, 2002

DWG: FIGURE-3.DWG User: JVilla
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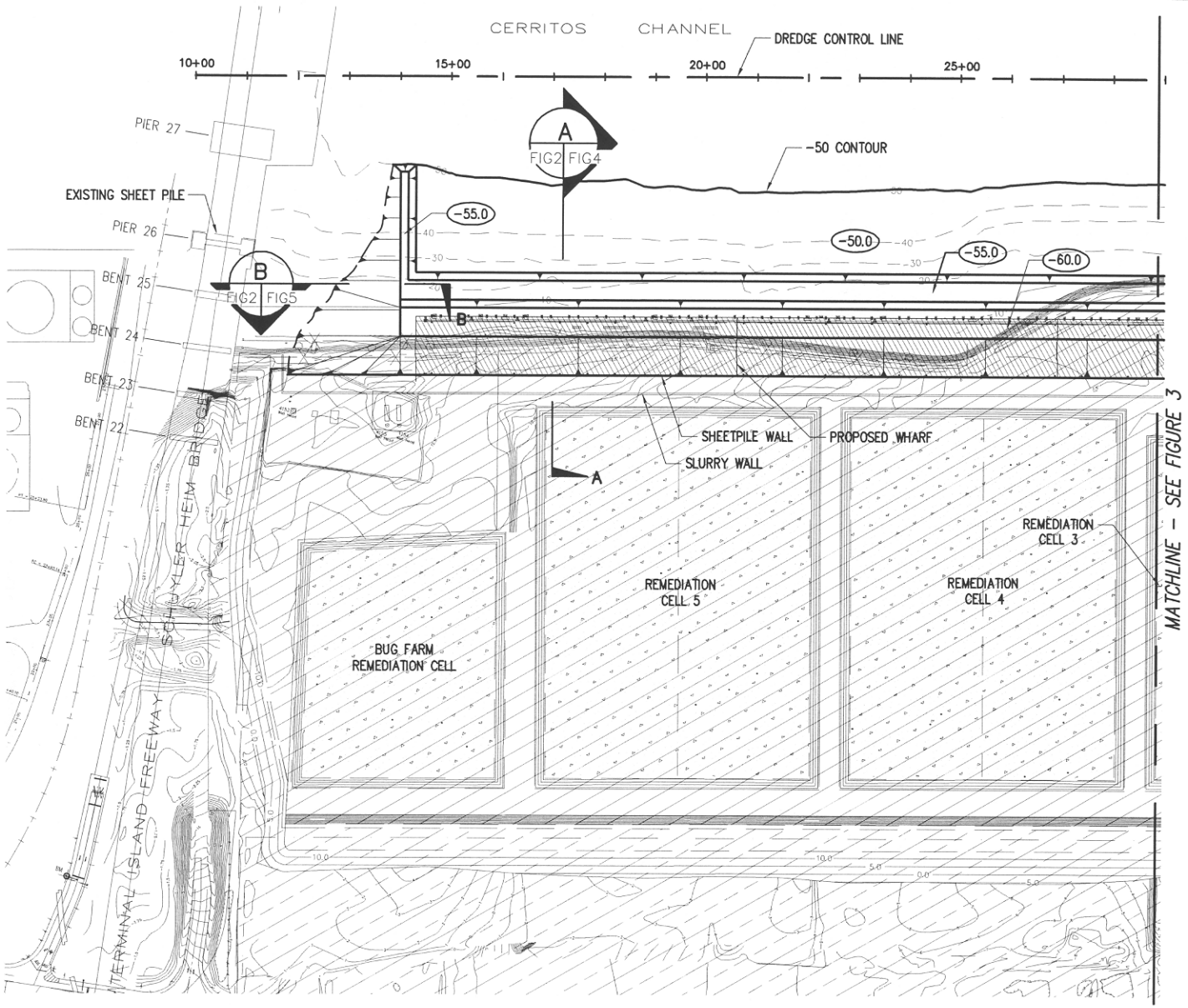

PLAN
SCALE: 1"=300'

300 150 0 150 300
1 inch = 300 ft

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PIER S DREDGE PLAN - 1

PIER S & PIER J

FIGURE 2

JULY 16, 2002

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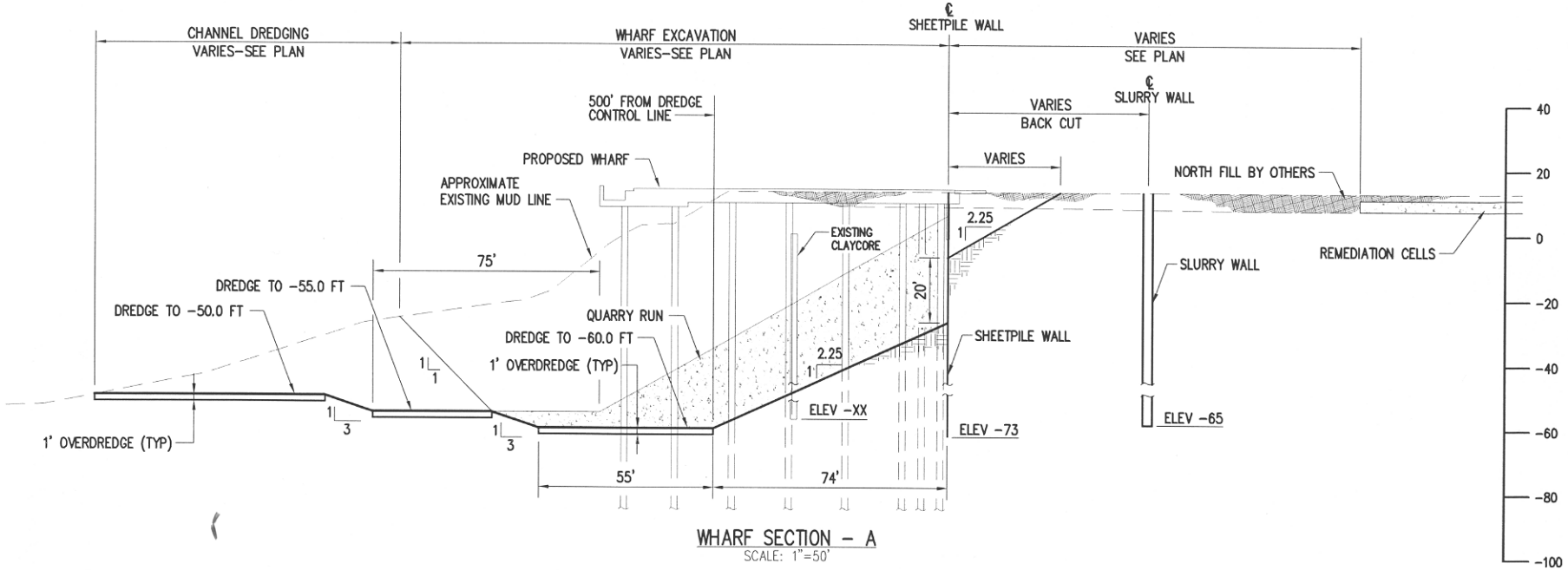

WHARF SECTION - A

SCALE: 1"=50'

ESTIMATED CUT QUANTITIES	
ITEM	QUANTITY (CY)
WHARF EXCAVATION	1,090,000
CHANNEL DREDGE	582,000
BACK CUT	44,000
TOTAL	1,716,000

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300 150 0 150 300

1 inch = 300 ft

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WHARF CROSS SECTION - A

PIER S
& PIER J

FIGURE 4

JULY 16, 2002

DWG: FIGURE-4.DWG User: JVilla
TIME: 07-11-02 17:55:34 xRef Files: Xbrd.dwg