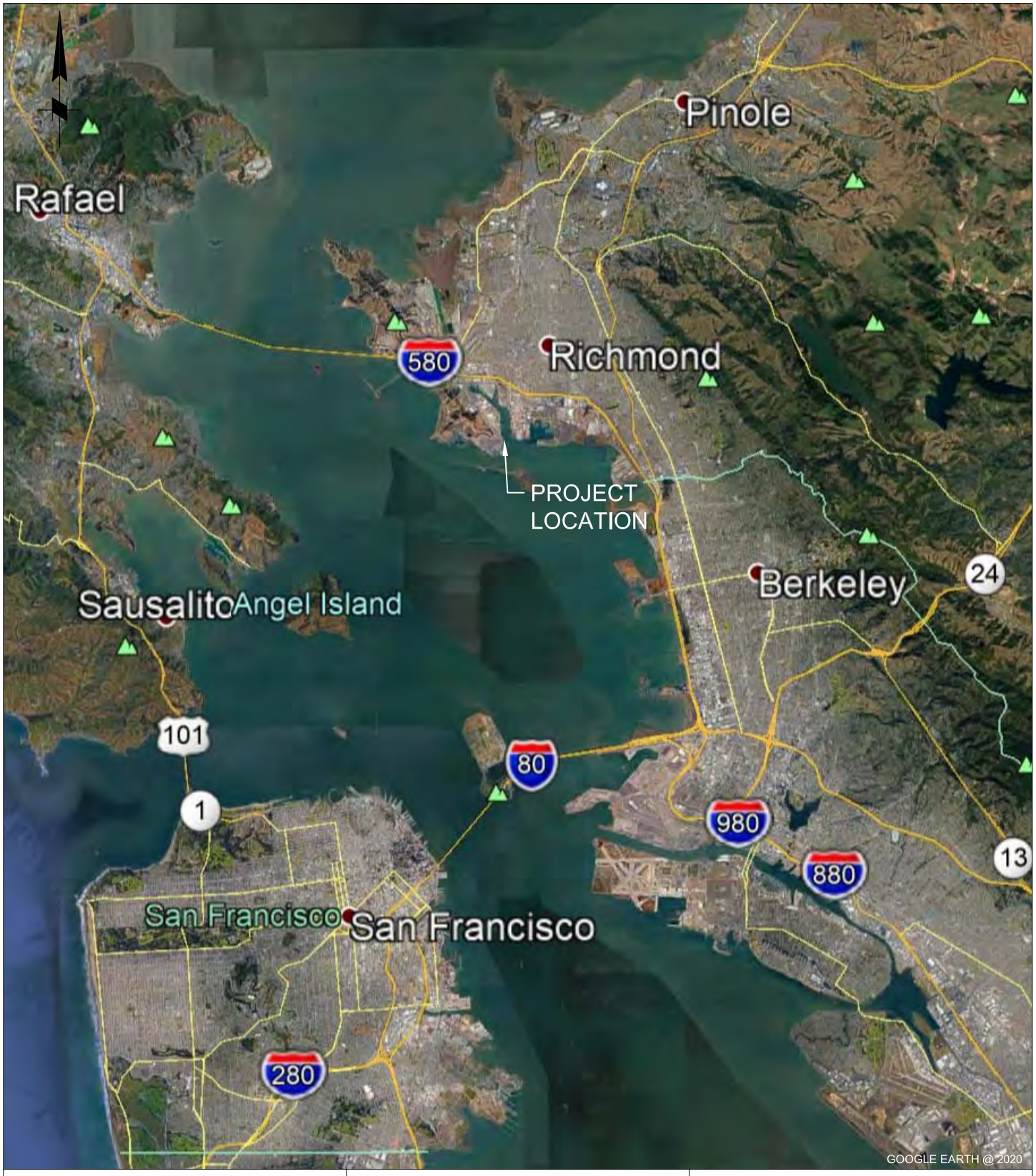


VICINITY MAP
SCALE: NTS

KINDER MORGAN (KM) RICHMOND
PRODUCTS TERMINAL
1306 CANAL BLVD.
RICHMOND, CA 94804

FIGURE 1-1
KINDER MORGAN (KM) RICHMOND
TERMINAL MAINTENANCE DREDGING

APPLICATION BY: MOFFATT & NICHOL
FOR KINDER MORGAN PHOENIX HOLDINGS, LLC
SHEET 01 OF 06 DATE: 03-31-20

LEGEND

- DREDGE UNIT 1: DREDGE FOOTING 2.0 ACRES, DESIGN DEPTH -41 + 1 FT OVERDEPTH
- PERMITTED DREDGE BOUNDARY 2.3 ACRES
- BOUNDARY OF FEDERAL NAVIGATION CHANNEL

LOCATION MAP
SCALE: NTS

KINDER MORGAN (KM) RICHMOND PRODUCTS TERMINAL
1306 CANAL BLVD.
RICHMOND, CA 94804

FIGURE 2-1
KINDER MORGAN (KM) RICHMOND TERMINAL MAINTENANCE DREDGING

APPLICATION BY: MOFFATT & NICHOL
FOR KINDER MORGAN PHOENIX HOLDINGS, LLC
SHEET 02 OF 06 DATE: 03-31-20

LEGEND

- SAMPLE LOCATIONS
- DREDGE UNIT 1: DREDGE FOOTING 2.0 ACRES, DESIGN DEPTH -41 + 1 FT OVERDEPTH
- PERMITTED DREDGE BOUNDARY 2.3 ACRES
- BOUNDARY OF FEDERAL NAVIGATION CHANNEL

PROJECT AREA-EXISTING CONDITIONS

0 120' 240'

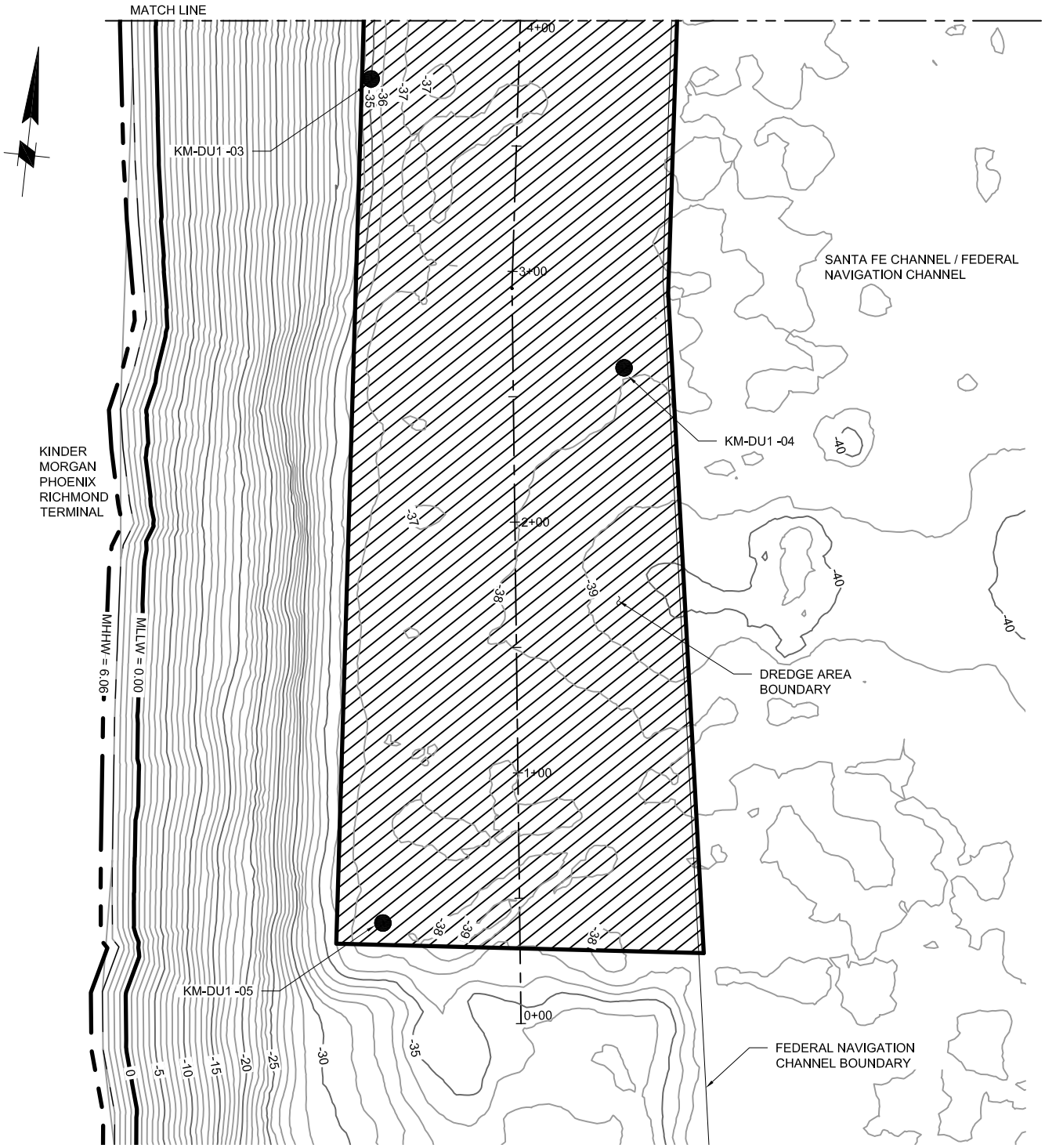
SCALE: 1"=120'

KINDER MORGAN (KM) RICHMOND PRODUCTS TERMINAL
1306 CANAL BLVD.
RICHMOND, CA 94804

FIGURE 3-1
KINDER MORGAN (KM) RICHMOND TERMINAL MAINTENANCE DREDGING

APPLICATION BY: MOFFATT & NICHOL
FOR KINDER MORGAN PHOENIX HOLDINGS, LLC

SHEET 03 OF 06 DATE: 03-31-20



LEGEND

- SAMPLE LOCATIONS
- DREDGE UNIT 1: DREDGE FOOTING 2.0 ACRES, DESIGN DEPTH -41 + 1 FT OVERDEPTH
- PERMITTED DREDGE BOUNDARY 2.3 ACRES
- BOUNDARY OF FEDERAL NAVIGATION CHANNEL MAX HW = 8.65
- MHHW = 6.06 FT
- MLLW = 0.0

PLAN VIEW - 1

0 60' 120'

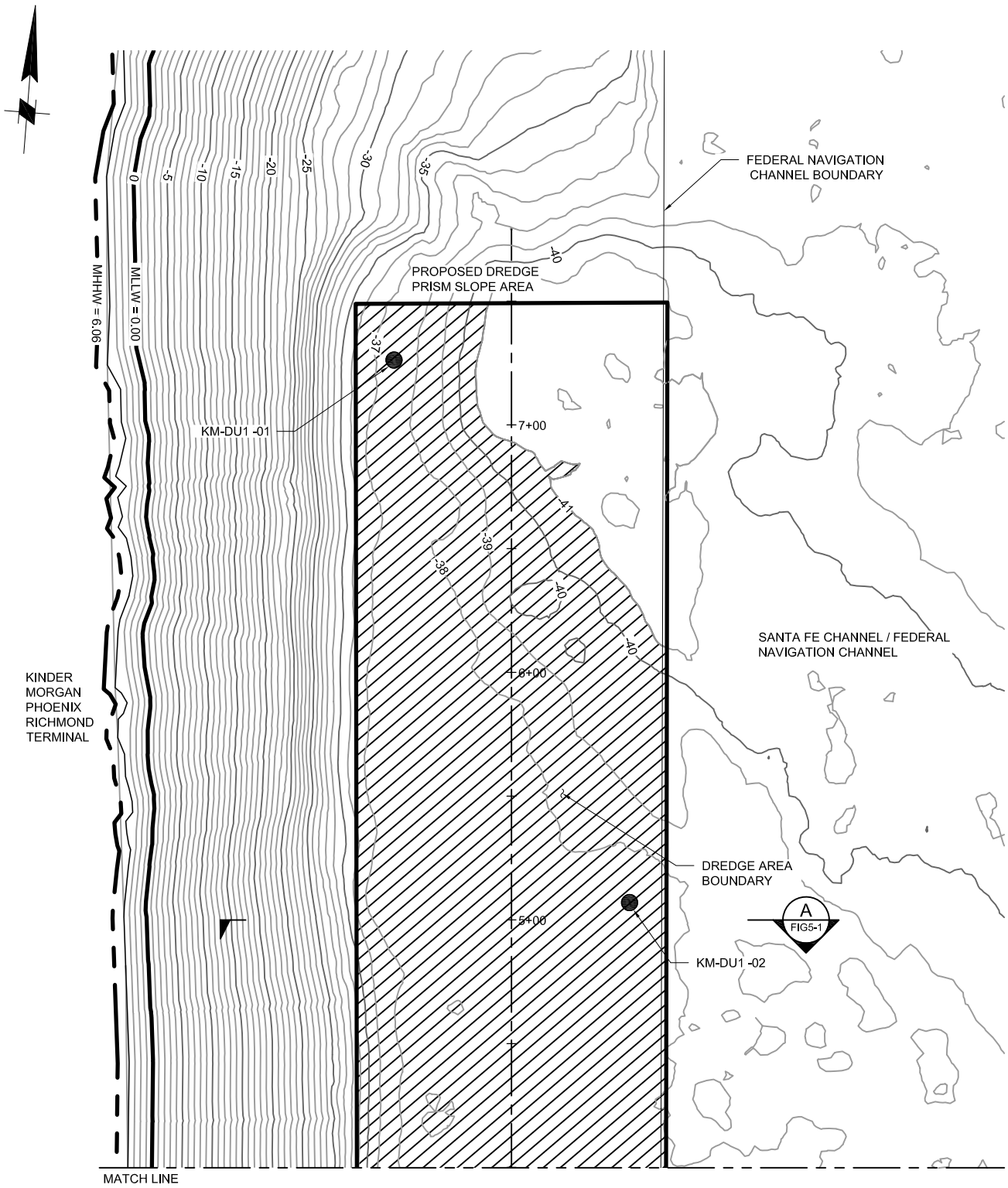
SCALE: 1"= 60'

KINDER MORGAN (KM) RICHMOND PRODUCTS TERMINAL
1306 CANAL BLVD.
RICHMOND, CA 94804

FIGURE 4-1
KINDER MORGAN (KM) RICHMOND TERMINAL MAINTENANCE DREDGING

APPLICATION BY: MOFFATT & NICHOL
FOR KINDER MORGAN PHOENIX HOLDINGS, LLC

SHEET 04 OF 06 DATE: 03-31-20



LEGEND

- SAMPLE LOCATIONS
- DREDGE UNIT 1: DREDGE FOOTING 2.0 ACRES, DESIGN DEPTH -41 + 1 FT OVERDEPTH
- PERMITTED DREDGE BOUNDARY 2.3 ACRES
- BOUNDARY OF FEDERAL NAVIGATION CHANNEL MAX HW = 8.65
- MHHW = 6.06 FT
- MLLW = 0.0

PLAN VIEW - 2

0 60' 120'

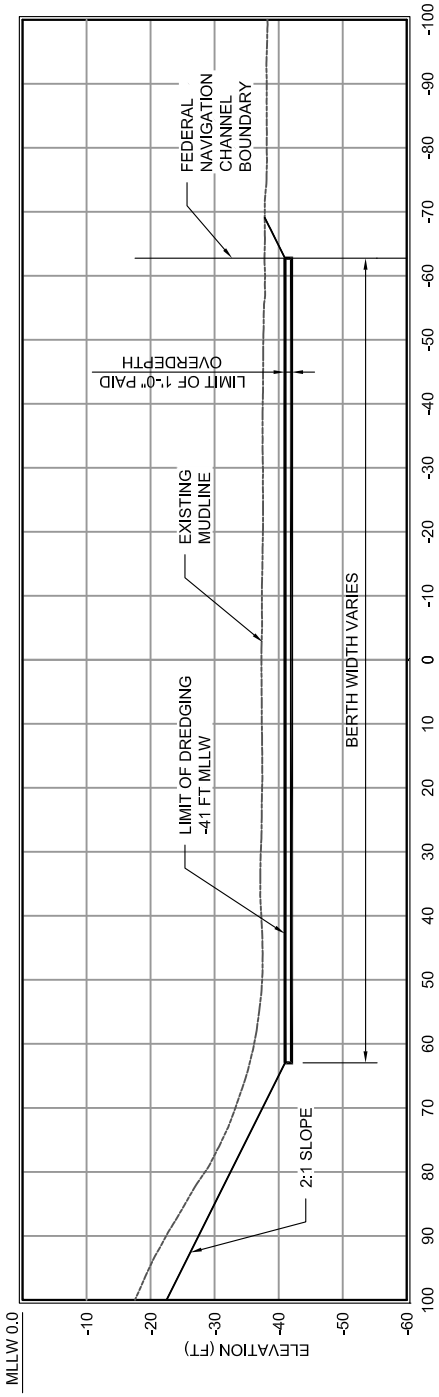
SCALE: 1"= 60'

KINDER MORGAN (KM) RICHMOND PRODUCTS TERMINAL
1306 CANAL BLVD.
RICHMOND, CA 94804

FIGURE 4-2
KINDER MORGAN (KM) RICHMOND TERMINAL MAINTENANCE DREDGING

APPLICATION BY: MOFFATT & NICHOL
FOR KINDER MORGAN PHOENIX HOLDINGS, LLC

SHEET 05 OF 06 DATE: 03-31-20



A - TYPICAL SECTION - STA 5+00
SCALE: 1"=30'

LEGEND

- DREDGE UNIT 1: DREDGE FOOTING 2.0 ACRES, DESIGN DEPTH -41 + 1 FT OVERDEPTH
- PERMITTED DREDGE BOUNDARY 2.3 ACRES
- BOUNDARY OF FEDERAL NAVIGATION CHANNEL

SECTION

0 30' 60'

SCALE: 1"= 30'

KINDER MORGAN (KM) RICHMOND
PRODUCTS TERMINAL
1306 CANAL BLVD.
RICHMOND, CA 94804

FIGURE 5-1
KINDER MORGAN (KM) RICHMOND
TERMINAL MAINTENANCE DREDGING

APPLICATION BY: MOFFATT & NICHOL
FOR KINDER MORGAN PHOENIX HOLDINGS, LLC

SHEET 06 OF 06 DATE: 03- 31- 20