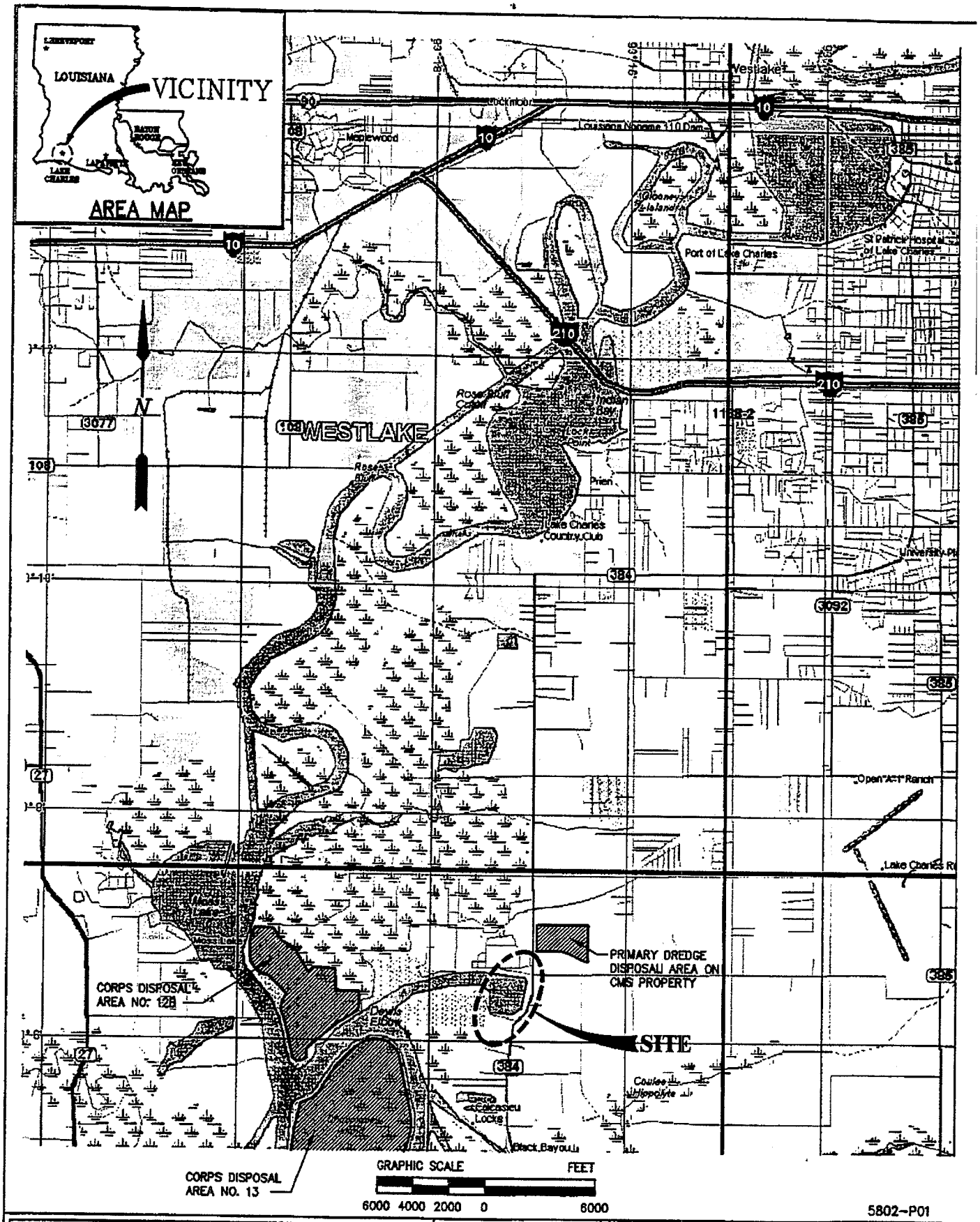

5802-P01

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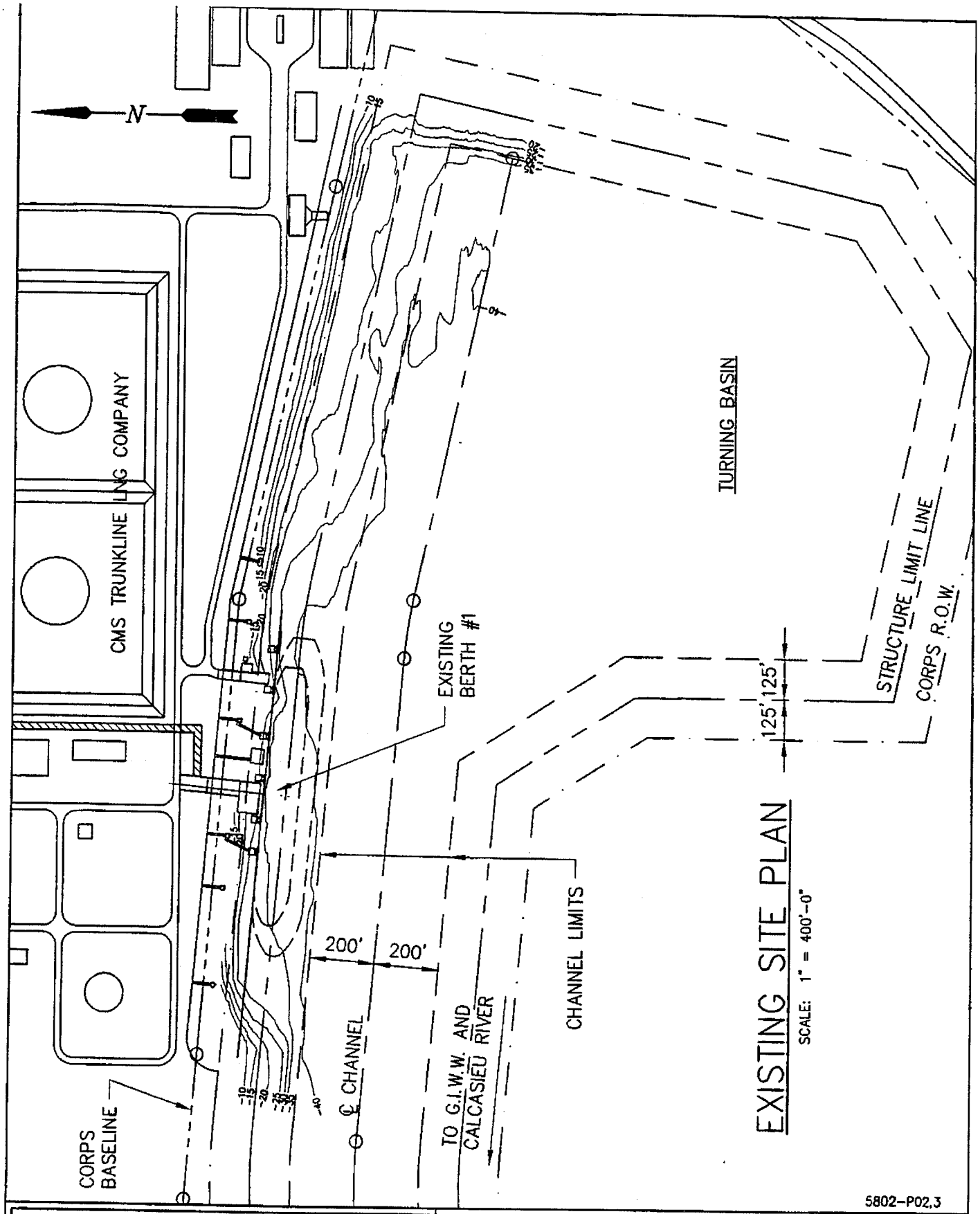
CMS TRUNKLINE LNG COMPANY
LAKE CHARLES LOUISIANA

MARINE TERMINAL EXPANSION AREA AND VICINITY MAPS

DATE	SEPT. '01
DESIGN	WJT
DRAWN	PSC
CHECK	WJT
CONTRACT	5802
SHEET No.	1 OF 10



5802-P02,3

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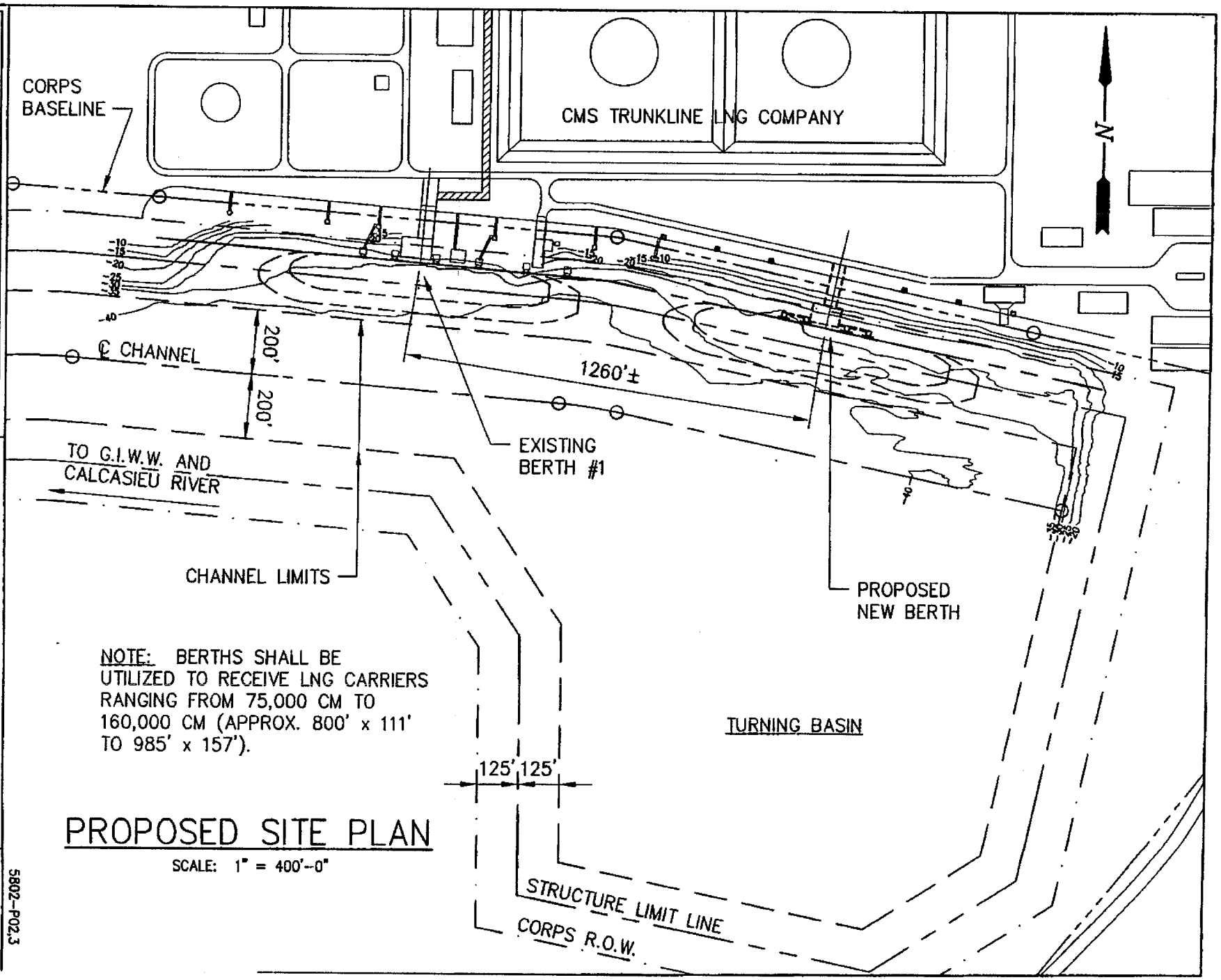
CMS TRUNKLINE LNG COMPANY
LAKE CHARLES LOUISIANA

MARINE TERMINAL EXPANSION
EXISTING SITE PLAN

DATE SEPT. '01
DESIGN WJT
DRAWN CAP
CHECK WJT
CONTRACT 5802
SHEET No.
2 OF 10



PROPOSED SITE PLAN

SCALE: 1" = 400'-0"

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CMS TRUNKLINE LNG COMPANY
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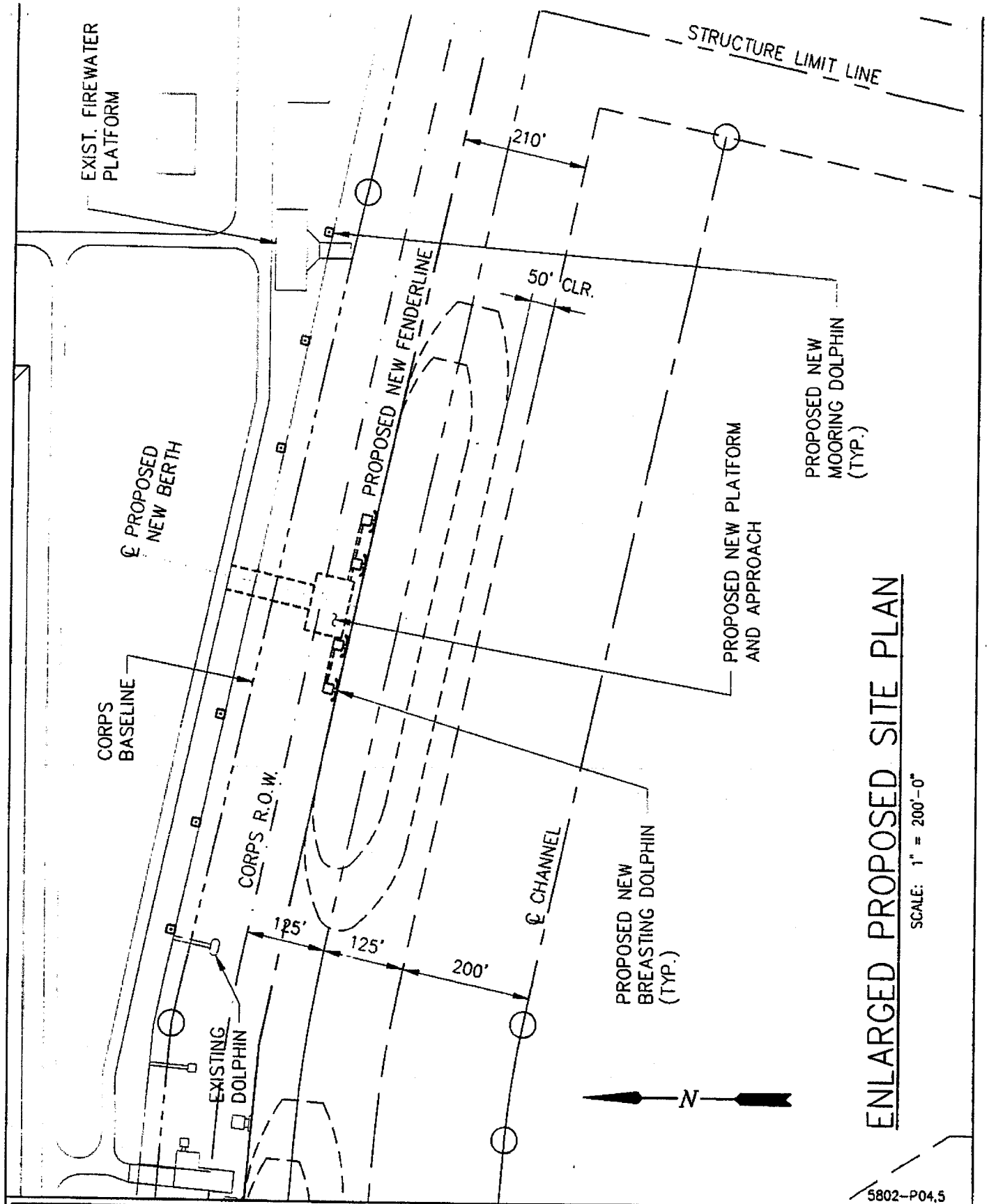
MARINE TERMINAL EXPANSION
PROPOSED NEW SITE PLAN

DATE SEPT. '01
DESIGN WJT
DRAWN CAP
CHECK WJT
CONTRACT 5802
SHEET No. 3 OF 10

5802-P02.3



5802-P04,5

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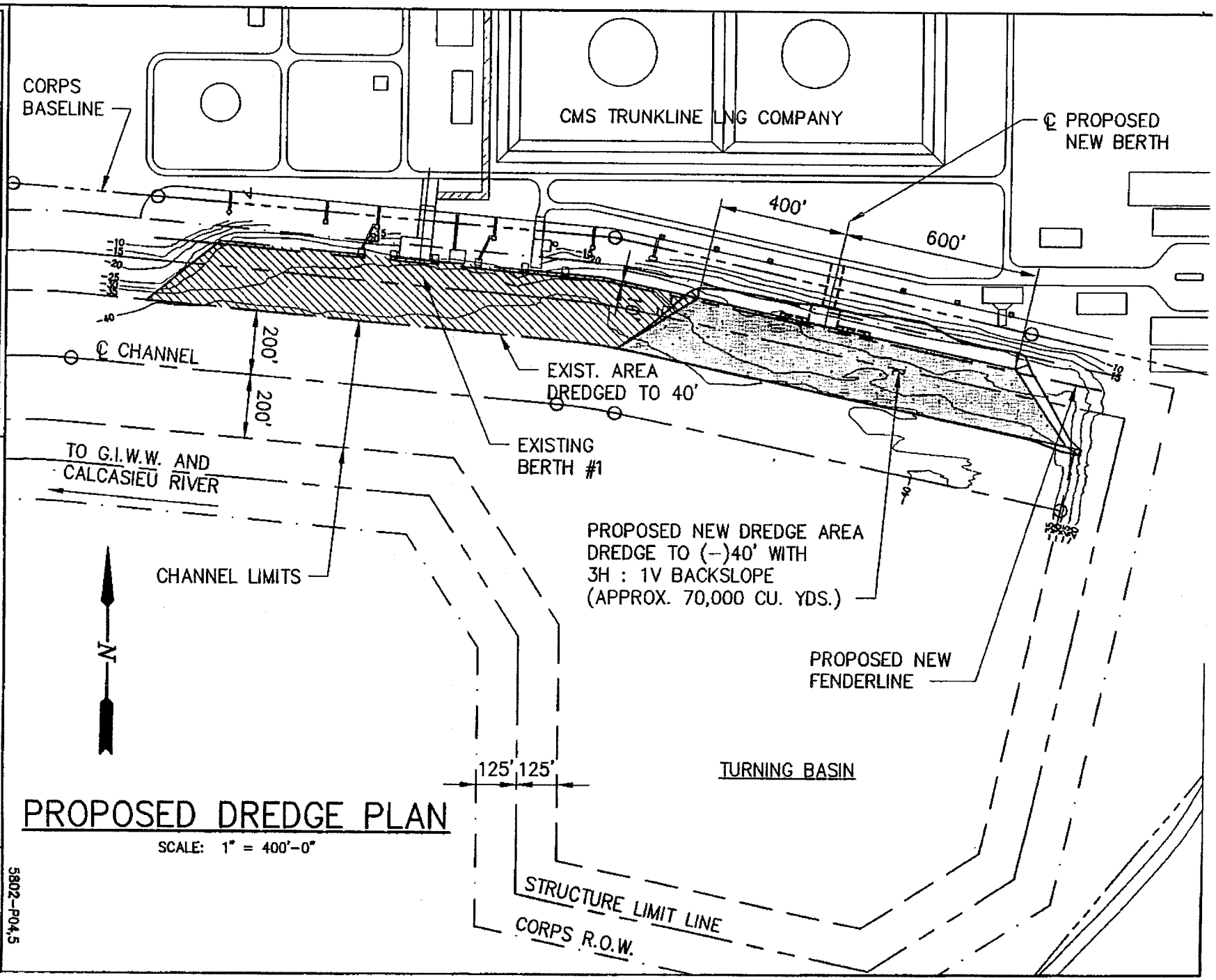
LAKE CHARLES LOUISIANA

MARINE TERMINAL EXPANSION
PROPOSED NEW SITE PLAN
ENLARGED PLAN

DATE SEPT. '01
DESIGN WJT
DRAWN CAP
CHECK WJT
CONTRACT 5802
SHEET No.
4 OF 10



PROPOSED DREDGE PLAN

SCALE: 1" = 400'-0"

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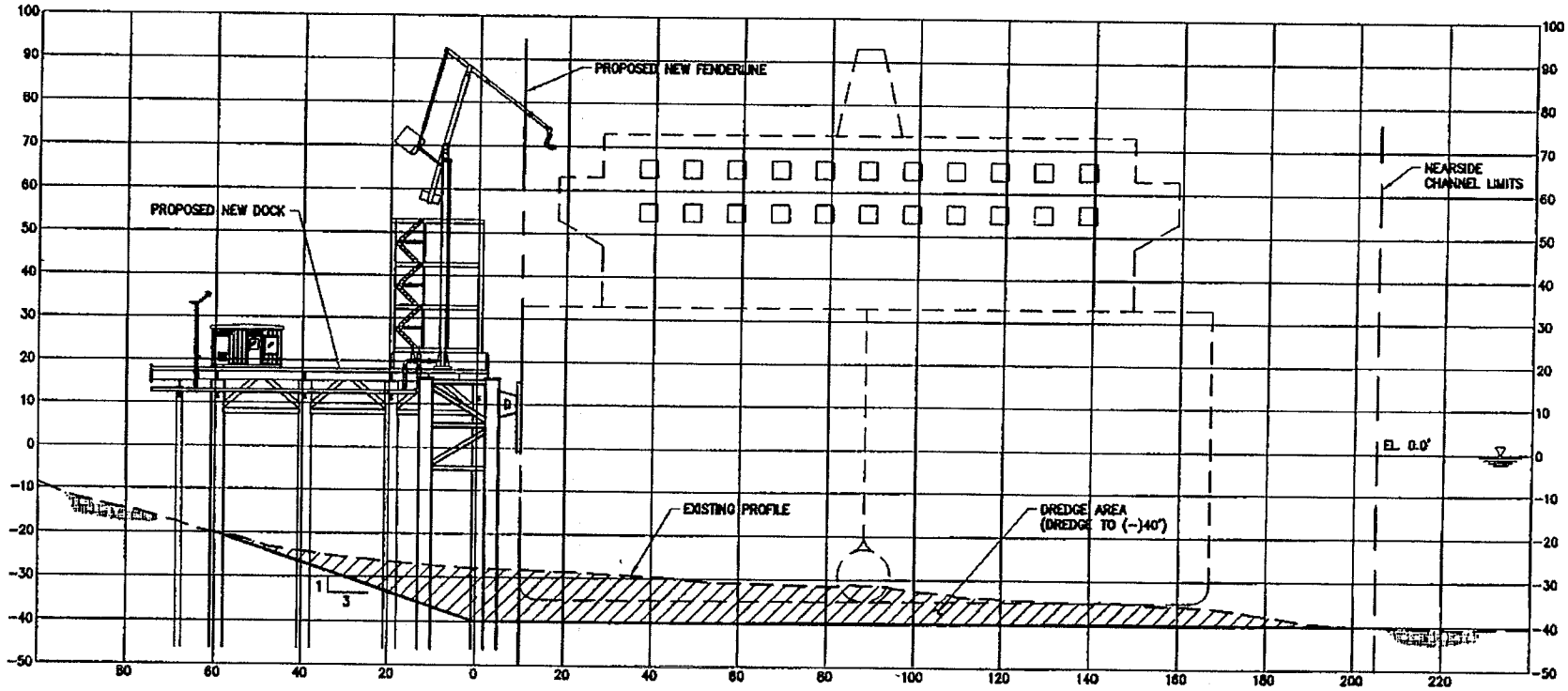
MARINE TERMINAL EXPANSION
PROPOSED DREDGE PLAN

DATE SEPT. '01
DESIGN W.J.T.
DRAWN CAP
CHECK W.J.T.
CONTRACT 5802
SHEET No. 5 OF 10

5802-P04,5



TYPICAL CROSS SECTION

SCALE: 1" = 40'-0"

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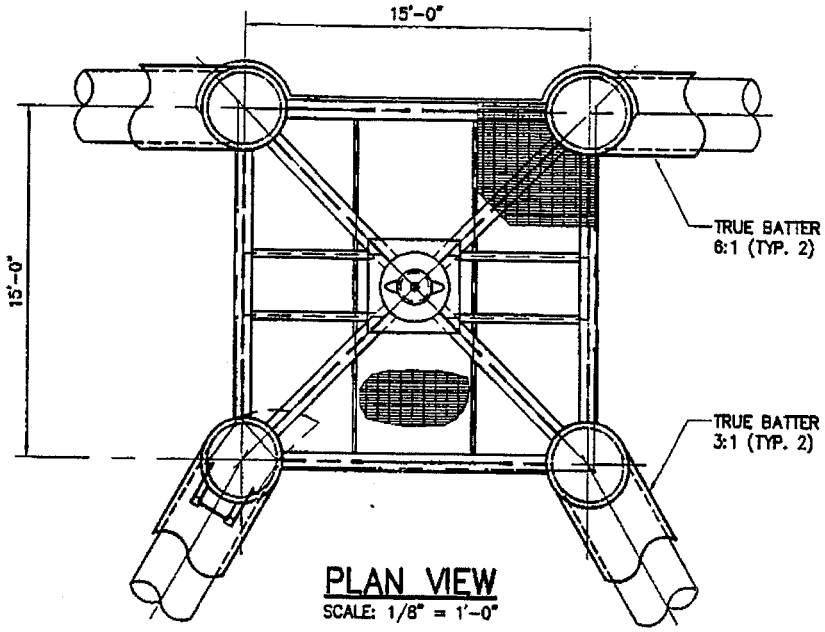
MARINE TERMINAL EXPANSION
TYPICAL CROSS SECTION

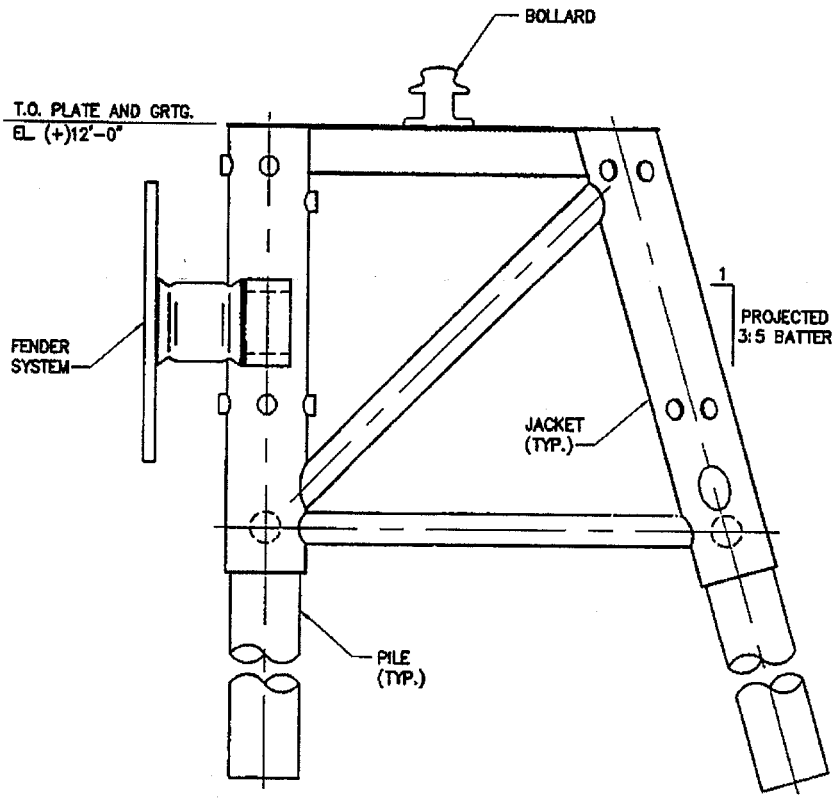
DATE SEPT. '01
DESIGN W.T.
DRAWN CAP
CHECK W.T.
CONTRACT 5802
SHEET No. 6 OF 10

5802-P06

SLIP SIDE



PLAN VIEW
SCALE: 1/8" = 1'-0"



SIDE ELEVATION
SCALE: 1/8" = 1'-0"

5802-P07

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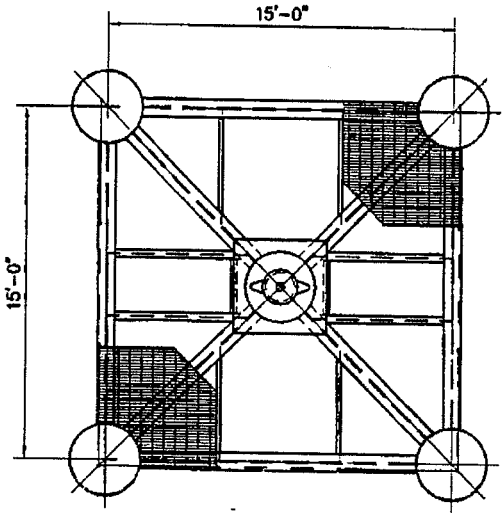
CMS TRUNKLINE LNG COMPANY
LAKE CHARLES LOUISIANA

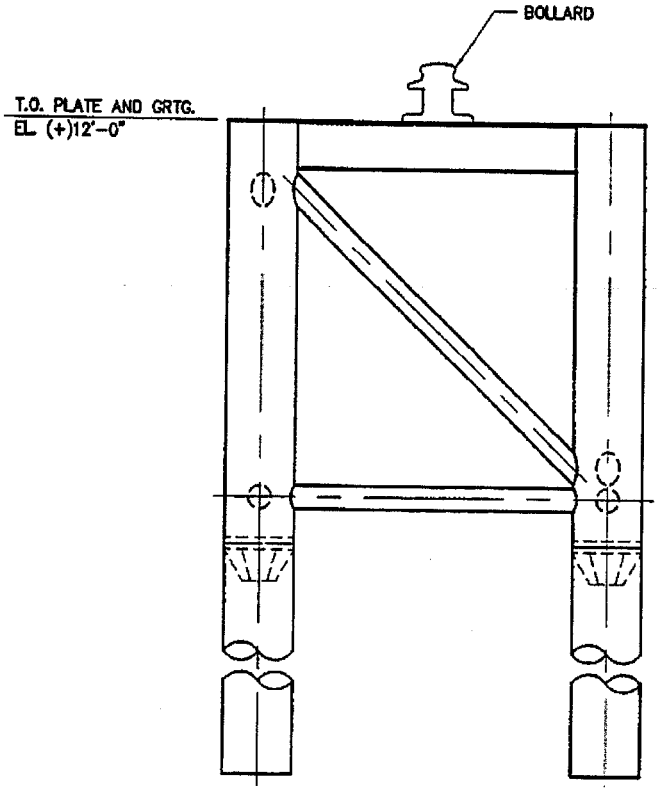
MARINE TERMINAL EXPANSION
TYPICAL BREASTING DOLPHIN
PLAN AND ELEVATION

DATE SEPT. '01
DESIGN W.JT
DRAWN PSC
CHECK W.JT
CONTRACT 5802
SHEET No.
7 OF 10

SLIP SIDE



PLAN VIEW
SCALE: 1/8" = 1'-0"



SIDE ELEVATION
SCALE: 1/8" = 1'-0"

5802-P08

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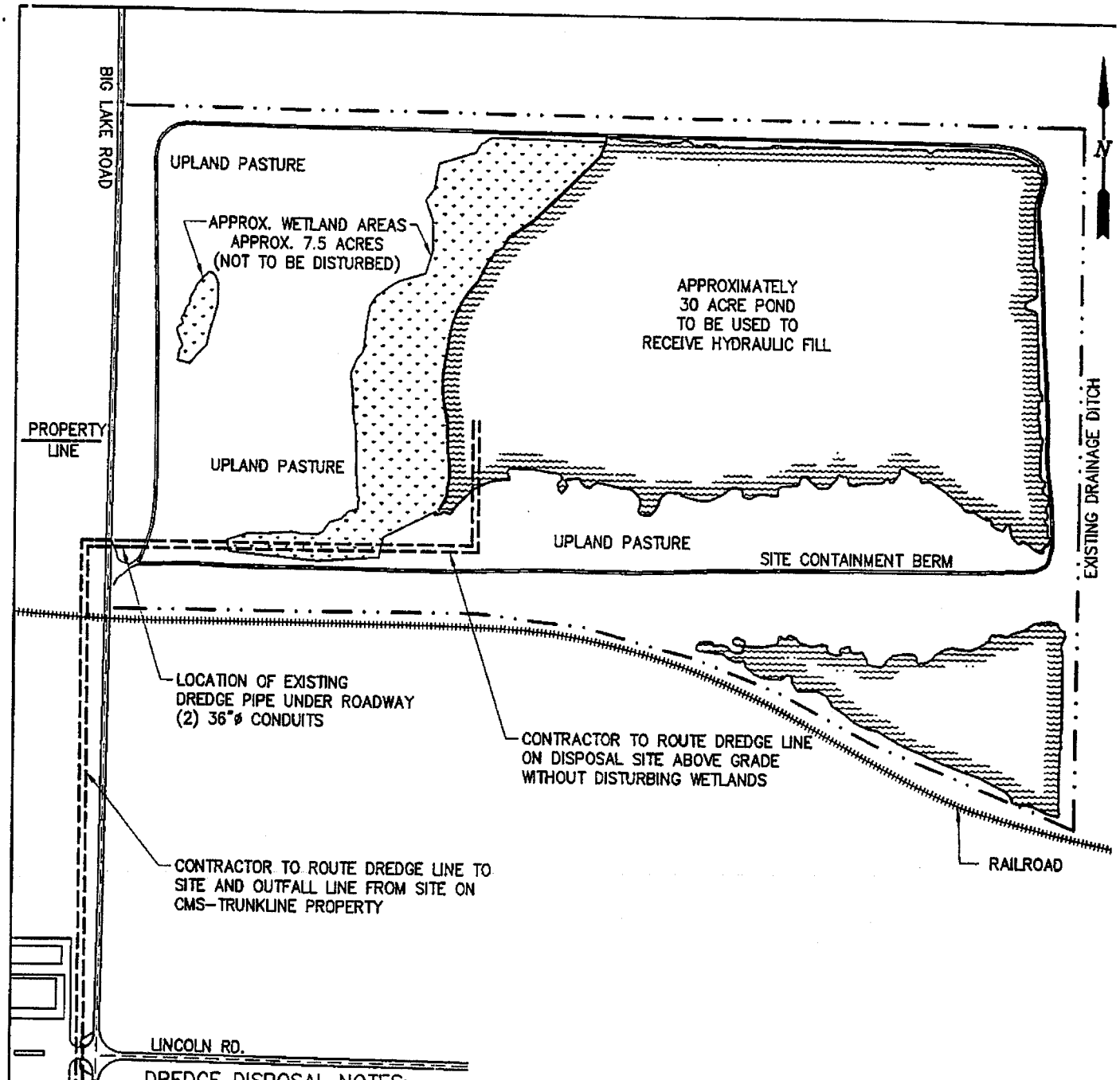
CMS TRUNKLINE LNG COMPANY
LAKE CHARLES LOUISIANA

MARINE TERMINAL EXPANSION
TYPICAL MOORING DOLPHIN
PLAN AND ELEVATION

DATE SEPT. '01
DESIGN WJT
DRAWN PSC
CHECK WJT
CONTRACT 5802
SHEET No.
8 OF 10



DREDGE DISPOSAL NOTES:

1. PROPOSED DREDGE DISPOSAL AREA SHOWN ON THIS SHEET IS PROPERTY OWNED BY CMS-TRUNKLINE.

2. SITE WAS ORIGINALLY USED FOR RECEIPT OF DREDGE DISPOSAL DURING ORIGINAL TERMINAL CONSTRUCTION IN 1978.

3. WETLAND INFORMATION SHOWN ON THIS SHEET DERIVED FROM WETLAND ASSESSMENT BY JOHN CHANCE LAND SURVEYS, INC. (LAFAYETTE, LA), REPORTS DATED 2 OCTOBER AND 31 OCTOBER 2001.

4. ALL DREDGE DISPOSAL SHALL BE BY HYDRAULIC PUMP AND SHALL BE PLACED INTO EXISTING POND , AND SHALL BE PLACED IN SUCH A MANNER THAT EXISTING WETLAND AREAS SHALL NOT BE DESTROYED.

5. PRIOR TO PLACING HYDRAULIC DISCHARGE INTO SITE, EXISTING POND SHALL BE PUMPED DOWN APPROXIMATELY 5' THROUGH OUTFALL LINE, WHICH SHALL CREATE ADEQUATE VOLUME FOR RECIEPT OF ALL DREDGE SPOIL AND WATER BYPRODUCT. ALL DISPOSAL ACTIVITY SHALL ALLOW SUFFICIENT DECANTING TIME SUCH THAT WATER EFFLUENT TURBIDITY LEVELS ARE WITHIN ACCEPTABLE LEVELS AS PER APPLICABLE REGULATIONS. ONLY CLEAN WATER SHALL BE REMOVED, AND NO WATER SHALL BE REMOVED DURING OR FOLLOWING DREDGING OPERATIONS.

5802-P09

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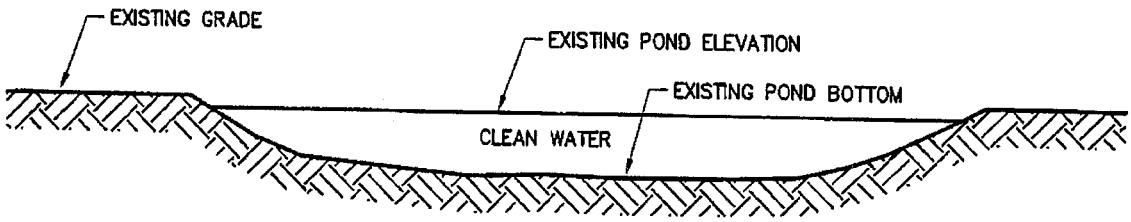
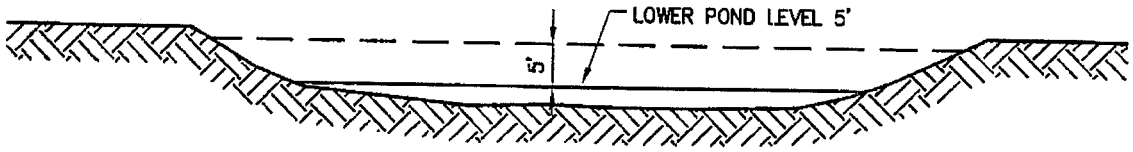
CMS TRUNKLINE LNG COMPANY
LAKE CHARLES LOUISIANA

MARINE TERMINAL EXPANSION
DREDGED MATERIAL
SPOIL DEPOSIT SITE

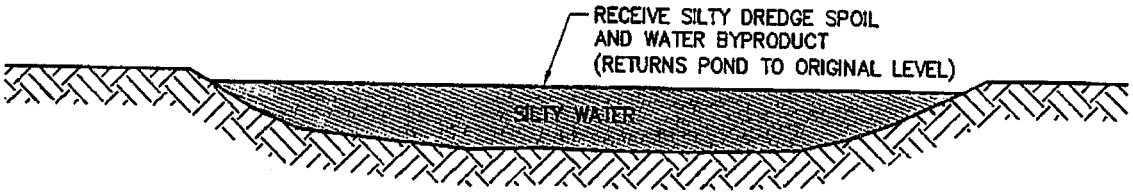
DATE OCT. '01
DESIGN WJT
DRAWN DP
CHECK WJT
CONTRACT 5802
SHEET No.
9 OF 10



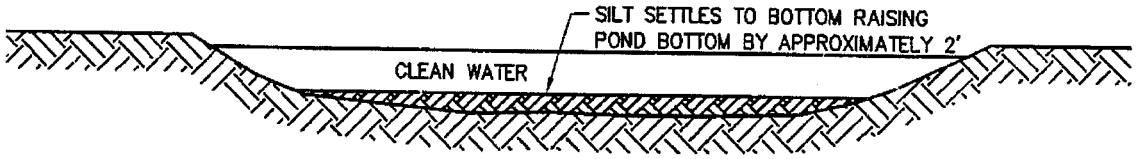
DREDGING: POND SECTION – STAGE 1 – BEFORE



DREDGING: POND SECTION – STAGE 2 – LOWER WATER LEVEL



DREDGING: POND SECTION – STAGE 3 – RECEIVE DREDGE SPOIL



DREDGING: POND SECTION – STAGE 4 – FINAL

SCHEMATIC – NOT TO SCALE

5802–P09

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CMS TRUNKLINE LNG COMPANY
LAKE CHARLES LOUISIANA

MARINE TERMINAL EXPANSION
DREDGED MATERIAL
SPOIL DEPOSIT SITE SECTIONS

DATE OCT. '01
DESIGN WJT
DRAWN DP
CHECK WJT
CONTRACT 5802
SHEET No.
10 OF 10