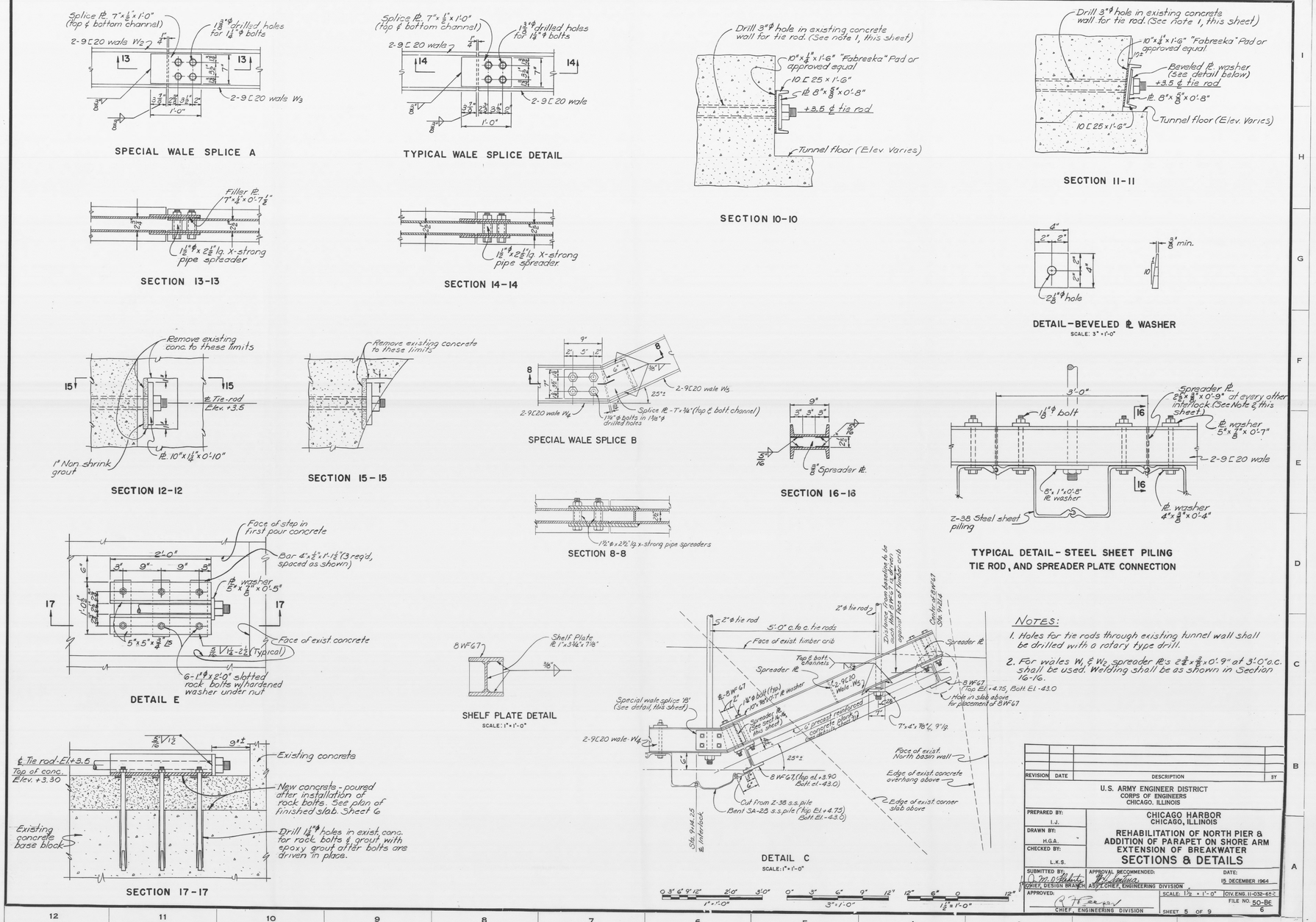
CORPS OF ENGINEERS

U. S. ARMY



REFERENCE DRAWING

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY:	ISSUE DATE: FEB 2019
DRAWN BY: KPC	SOLICITATION NO.:
CHECKED BY: MK	CONTRACT NO.:
SUBMITTED BY: MICHAEL KRILE, PE	PROJECT ID: 114419
SIZE: ANSI D	FILE NAME: 114419_R-005.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

CHICAGO LOCK
NORTH PIER REPAIRS
CHICAGO, ILLINOIS

REFERENCE DRAWING 5

SHEET ID

R-005

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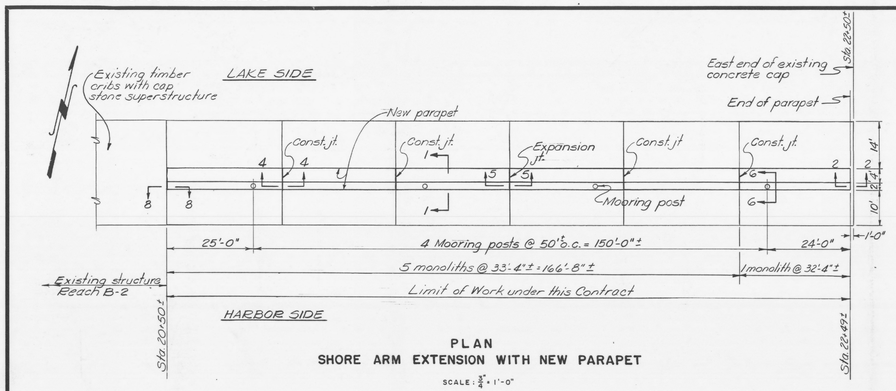
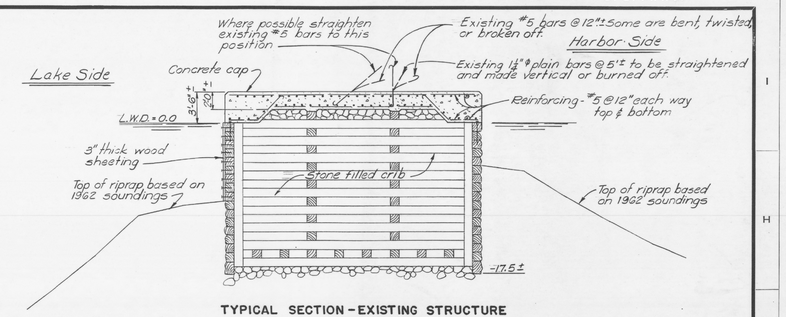
CORPS OF ENGINEERS

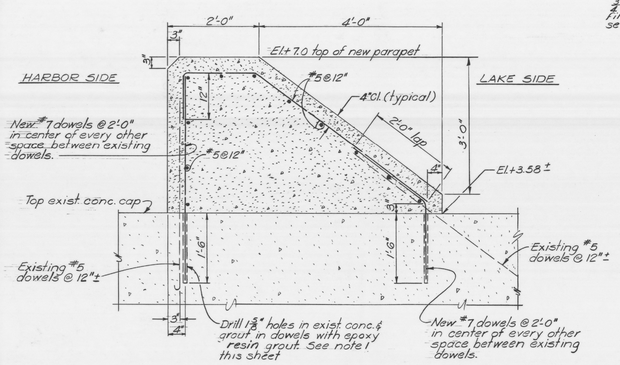
U. S. ARMY



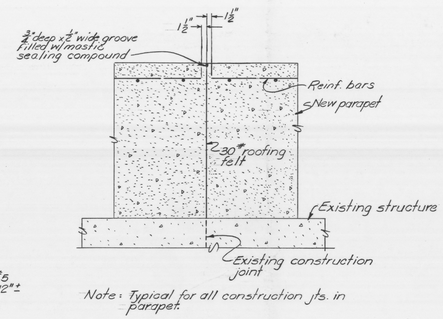
PLAN
SHORE ARM EXTENSION WITH NEW PARAPET
SCALE: 3/32" = 1'-0"



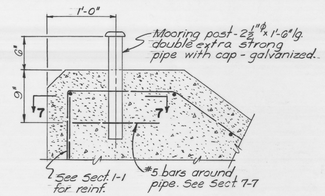
TYPICAL SECTION - EXISTING STRUCTURE
REACH B-3
SCALE: 3/16" = 1'-0"



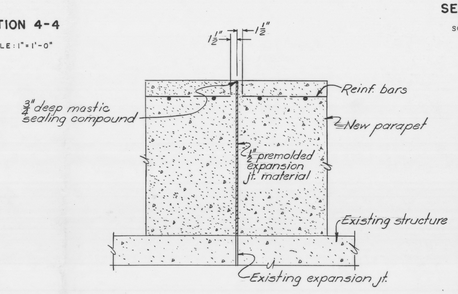
SECTION 1-1
SCALE: 1" = 1'-0"



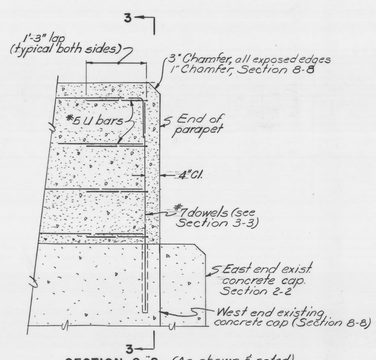
SECTION 4-4
SCALE: 1" = 1'-0"



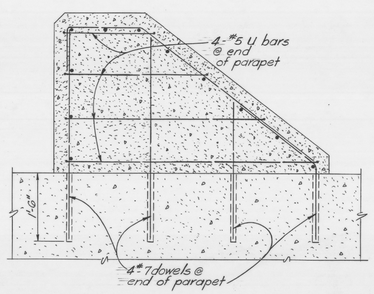
SECTION 6-6
SCALE: 1½" = 1'-0"



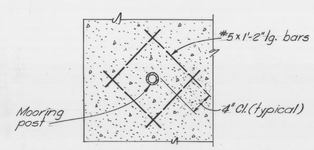
SECTION 5-5
SCALE: 1" = 1'-0"



SECTION 8-8 (As shown & noted)
SECTION 2-2 (As shown)
SCALE: 1" = 1'-0"



SECTION 3-3
SCALE: 1" = 1'-0"



SECTION 7-7
SCALE: 1½" = 1'-0"

NOTES:

1. In the event existing reinforcing steel is encountered when drilling holes for new dowels, drilling shall be discontinued and the hole location moved to clear.
2. Contractor shall establish a temporary bench mark on the shore arm extension to provide elevation control for the construction of the new parapet.
3. Existing concrete surfaces to recieve new concrete shall be wire brushed & cleaned.

REVISION	DATE	DESCRIPTION	BY

U. S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

PREPARED BY: I.J.
DRAWN BY: H.G.A.
CHECKED BY: L.K.S.
SUBMITTED BY: D. M. McFetridge, CHIEF, DESIGN BRANCH
APPROVAL RECOMMENDED: W. J. Anderson, ASST. CHIEF, ENGINEERING DIVISION
APPROVED: R. F. Carper, CHIEF, ENGINEERING DIVISION
DATE: 15 DECEMBER 1964

CHICAGO HARBOR
CHICAGO, ILLINOIS

REHABILITATION OF NORTH PIER & ADDITION OF PARAPET ON SHORE ARM EXTENSION OF BREAKWATER

PLAN & SECTIONS

SCALE: AS SHOWN
CW.ENG.(I-032-65-2)
FILE NO. 50-B6
SHEET 9 OF 9
6

REFERENCE DRAWING

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY:
DRAWN BY: KPC
CHECKED BY: MK
SUBMITTED BY: MICHAEL KNUEPPEL, PE
SIZE: 11 x 17
ANSI D
ISSUE DATE: FEB 2019
SOLICITATION NO.:
CONTRACT NO.:
PROJECT ID: 114419
FILE NAME: 114419_R-006.dgn

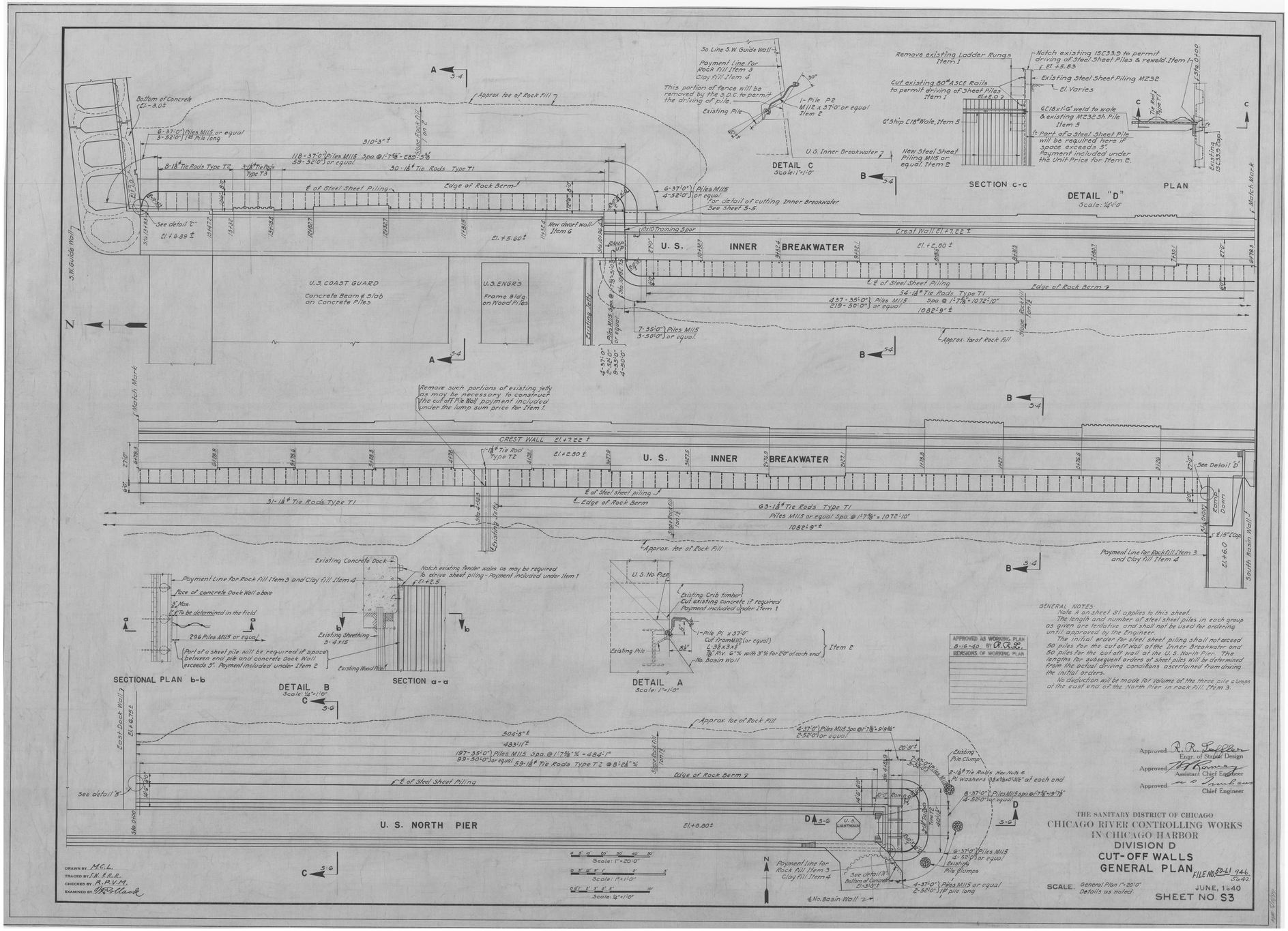
U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

CHICAGO LOCK
NORTH PIER REPAIRS
CHICAGO, ILLINOIS

REFERENCE DRAWING 6

SHEET ID
R-006

REFERENCE DRAWING



GENERAL NOTES.
Note A on sheet S1 applies to this sheet.
The length and number of steel sheet piles in each group as given are tentative and shall not be used for ordering until approved by the Engineer.
The initial order for steel sheet piling shall not exceed 50 piles for the cut off wall of the Inner Breakwater and 50 piles for the cut off wall at the U.S. North Pier. The lengths for subsequent orders of sheet piles will be determined from the actual driving conditions ascertained from driving the initial orders.
No deduction will be made for volume of the three pile clumps at the east end of the North Pier in rock fill Item 3.

REFERENCE DRAWING

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: FEB 2019
SOLICITATION NO.:
CONTRACT NO.:
PROJECT ID: 114419
FILE NAME: 114419 R-007.dgn

DESIGNED BY: SRT
DRAWN BY: KPC
CHECKED BY: SRT
SUBMITTED BY: MICHAEL KRILLE, P.E.
SIZE: ANSI D

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST. SUITE 1500
CHICAGO, ILLINOIS 60604

CHICAGO LOCK
NORTH PIER REPAIRS
CHICAGO, ILLINOIS

REFERENCE SHEET 7

SHEET ID
R-007

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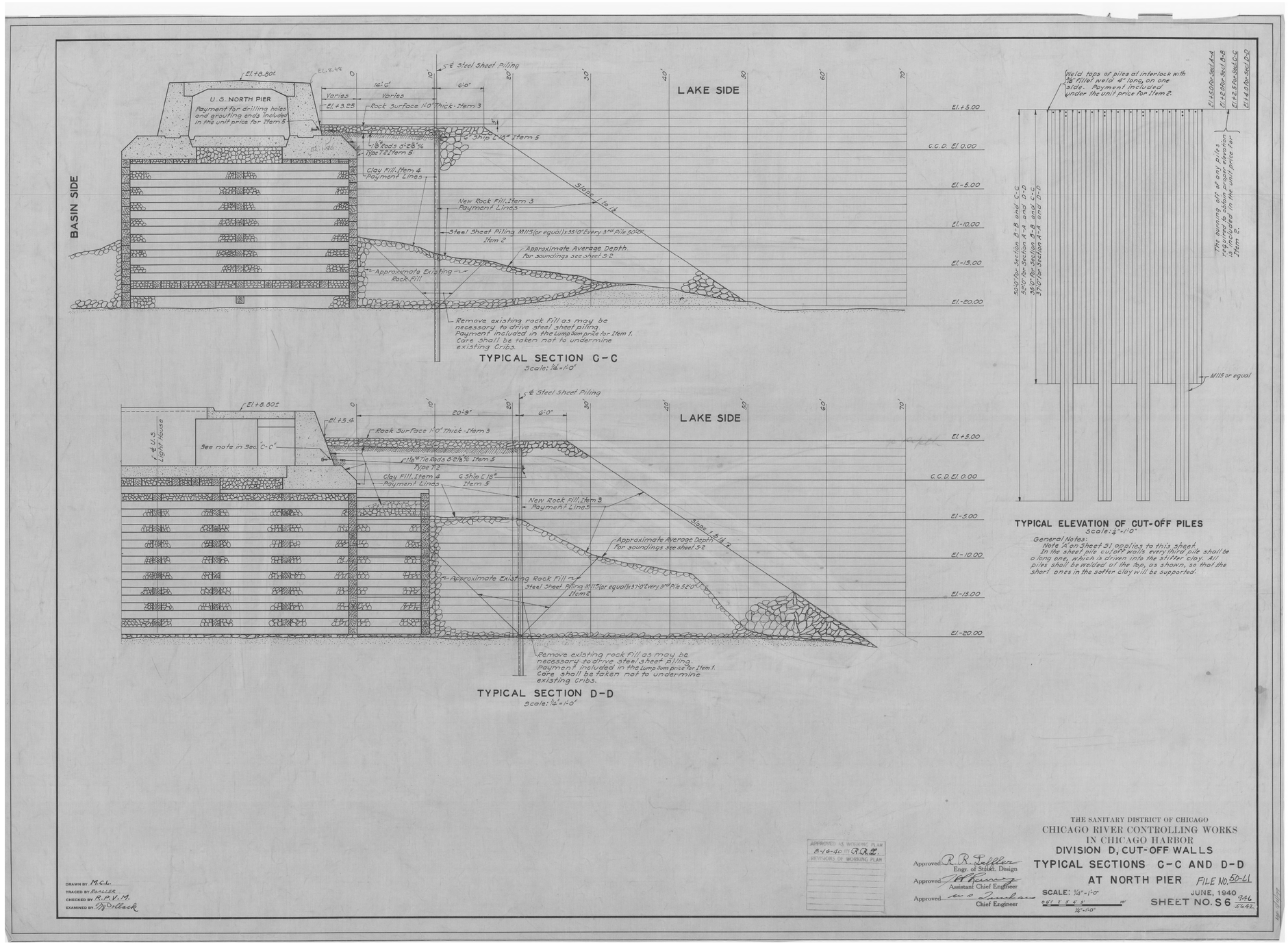

REFERENCE DRAWING

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY:	ISSUE DATE: FEB 2019
DRAWN BY: KPC	SOLICITATION NO.:
CHECKED BY: MK	CONTRACT NO.:
SUBMITTED BY: MICHAEL KRUEGER, PE	PROJECT ID: 114419
SIZE: ANSI D	FILE NAME: 114419_R-008.dgn

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST., SUITE 1500
CHICAGO, ILLINOIS 60604

CHICAGO LOCK
NORTH PIER REPAIRS
CHICAGO, ILLINOIS

REFERENCE SHEET 8

SHEET ID

R-008

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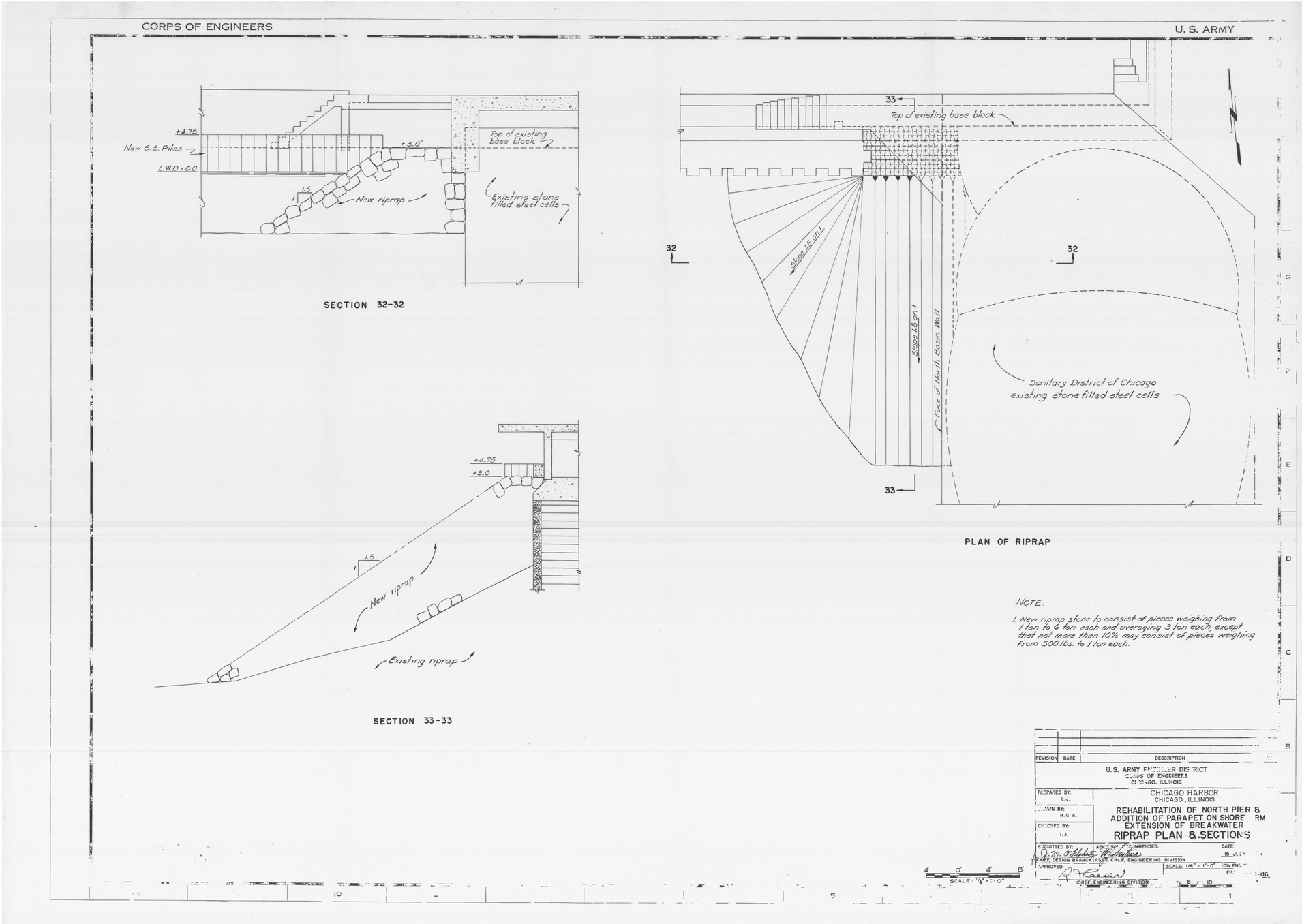

REFERENCE DRAWING

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY:
DRAWN BY: KPC
CHECKED BY: MK
SUBMITTED BY: MICHAEL KINLEY, PE
SIZE: ANSI D
FILE NAME: 114419 R-009.dgn
ISSUE DATE: FEB 2019
SOLICITATION NO.:
CONTRACT NO.:
PROJECT ID: 114419

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 S. LASALLE ST, SUITE 1500
CHICAGO, ILLINOIS 60604

CHICAGO LOCK
NORTH PIER REPAIRS
CHICAGO, ILLINOIS

REFERENCE DRAWING 9

SHEET ID
R-009

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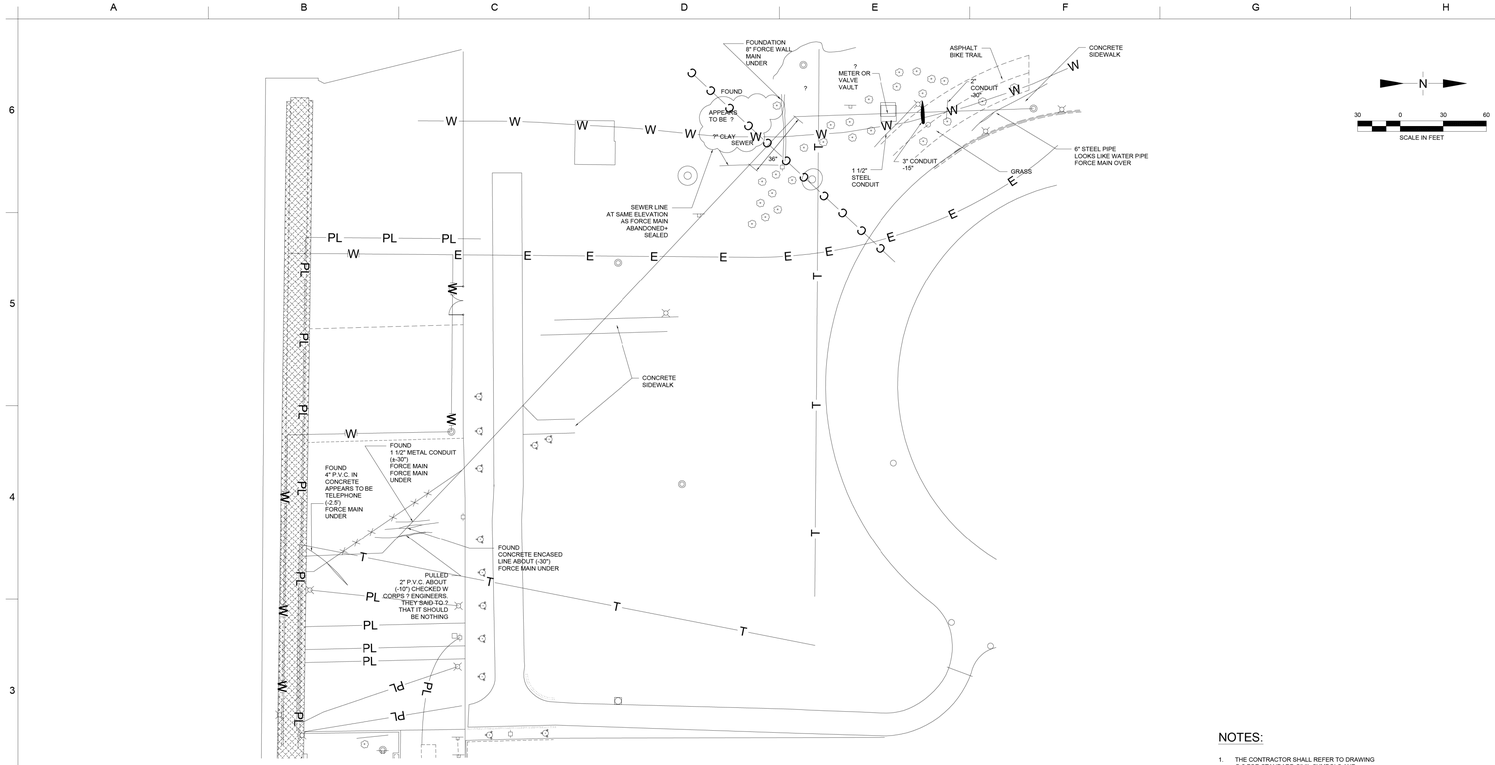

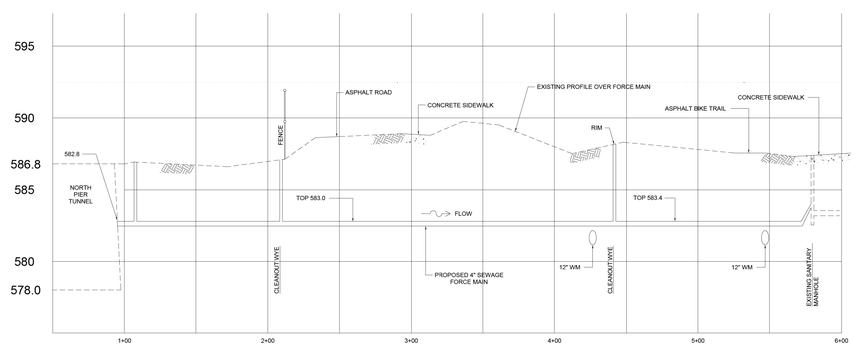

NOTES:

1. THE CONTRACTOR SHALL REFER TO DRAWING G-2 FOR STANDARD CIVIL SYMBOLS AND CONSTRUCTION NOTES.
2. BURIED SANITARY FORCE MAIN IS OPTIONAL BID ITEM 0009.
3. SEE DRAWINGS C-08 AND C-09 FOR SOIL EROSION AND SEDIMENT CONTROL PLAN AND DETAILS.
4. ACCESS ROAD IMMEDIATELY NORTH OF FENCE LINE IS ASPHALT OVERLAID WITH 10 TO 12 INCH THICK CONCRETE. CONTRACTOR SHALL REPAIR AND REPLACE DAMAGE TO THIS ROAD TO THE SATISFACTION OF THE METROPOLITAN PIER AND EXPOSITION AUTHORITY. CONTRACTOR MAY CHOOSE TO JACK PIPE UNDER ROAD.
5. CONTRACTOR SHALL REPAIR DAMAGE TO SIDEWALK IN VICINITY OF CITY OF CHICAGO MANHOLE NEAR STREETER DRIVE TO THE SATISFACTION OF THE METROPOLITAN PIER AND EXPOSITION AUTHORITY. IF TRENCHING IS PERFORMED, CONTRACTOR SHALL REPLACE ANY SIDEWALK SQUARES DAMAGED BY REPLACING SQUARE IN ITS ENTIRETY.
6. CONTRACTOR SHALL REPAIR DAMAGE TO SODDED AREAS TO THE SATISFACTION OF THE METROPOLITAN PIER AND EXPOSITION AUTHORITY.
7. UTILITIES NORTH OF CORPS OF ENGINEERS FENCE HAVE NOT BEEN VERIFIED. CONTRACTOR SHALL VERIFY PRIOR TO CONSTRUCTION AND NOTIFY CORP OF ANY UTILITIES THAT MAY REQUIRE CHANGES TO PLAN OR PROFILE AT LEAST THIRTY (30) DAYS PRIOR TO START OF CONSTRUCTION.
8. THE CONTRACTOR SHALL CALL DIGGER AT (312) 744-7000 AND RESIDENT ENGINEER FORTY-EIGHT (48) HOURS BEFORE COMMENCEMENT OF WORK ON THIS PROJECT, TO OBTAIN THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES WITHIN THE LIMITS OF THE PROJECT.
9. NO CONSTRUCTION IN THIS AREA WILL BE ALLOWED BETWEEN 1 MAY AND 15 OCTOBER.

"RECORD DRAWINGS, AS-BUILT" SIGNATURE BLOCK AS PROVIDED WITH THE MICROSTATION .DGN FILES.

FOR REFERENCE ONLY

US Army Corps of Engineers
Chicago District

(1) MARCK	AMENDMENT DESCRIPTION	DATE	APPROVED	(1) MARCK	DESCRIPTION	DATE	APPROVED

DESIGNED BY: DATE: MARCH 2005
DRAWN BY: SCALE:
CHECKED BY: SOLICITATION NUMBER: W912P6-15-B-0007
SUBMITTED BY: DATE:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

CONSIDER TOMORROW ENVIRONME ENGINEERS, INC.
CHICAGO, ILLINOIS 60601 (312) 726-9168
CHICAGO, ILLINOIS 60601 (312) 726-9168

CHICAGO HARBOR, ILLINOIS
CHICAGO LOCK CONTROL HOUSE
SANITARY FORCE MAIN
PLAN AND PROFILE

SHEET REFERENCE NUMBER:
M-16
CONTRACT DRAWING/ AS BUILT

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE:	29 SEPT 2016
SOLICITATION NO.:	W912P6-16-B-0014
CONTRACT NO.:	W912P6-16-C-0016
PROJECT CODE:	114419
FILE NAME:	R-010.dgn

DESIGNED BY:	MAJDI ARMAN
DRAWN BY:	KPC
CHECKED BY:	SRT
SUBMITTED BY:	STEPHEN R. TEREHANE
SIZE:	ANSI X

U.S. ARMY CORPS OF ENGINEERS
CHICAGO DISTRICT
231 SOUTH LASALLE STREET, SUITE 1500
CHICAGO, IL 60604

CHICAGO LOCK UTILITIES RELOCATION
CHICAGO, ILLINOIS

EXISTING SANITARY SEWER LINE

SHEET ID
R-010

FINAL