

SUB-PIER AND DOLPHIN LOCATION PLAN

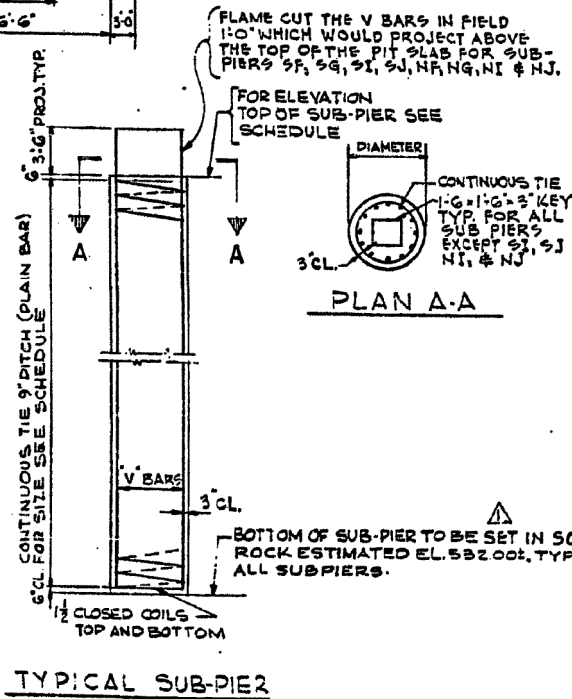
SCALE 1" = 10'

SUB-PIER SCHEDULE SOUTH PIER

SUB-PIER	DIAMETER	ELEVATION TOP OF SUB-PIER	REINFORCEMENT	
			V BARS	CONTINUOUS COIL TIE
SA	4'-0"	574.00	12-#11 x 45'-6"	4 628'
SB	4'-0"	571.50	12-#11 x 43'-0"	4 592'
SC	4'-0"	574.00	12-#11 x 45'-6"	4 628'
SD	4'-0"	571.50	12-#11 x 43'-0"	4 592'
SE	4'-0"	571.50	12-#11 x 43'-0"	4 592'
SF	5'-0"	571.50	18-#11 x 43'-0"	4 761'
SG	5'-0"	571.50	18-#11 x 43'-0"	4 761'
SH	4'-0"	574.00	12-#11 x 45'-6"	4 628'
SI	8'-6"	571.50	53-#11 x 43'-0"	5 1957'
SJ	8'-6"	571.50	53-#11 x 43'-0"	5 1957'
SK	4'-0"	574.00	12-#11 x 45'-6"	4 628'
SL	4'-0"	571.50	13-#11 x 43'-0"	4 592'
SM	4'-0"	571.50	12-#11 x 43'-0"	4 592'
SN	4'-0"	571.50	13-#11 x 43'-0"	4 592'
SO	4'-0"	574.00	12-#11 x 45'-6"	4 628'

SUB-PIER SCHEDULE NORTH PIER

SUB-PIER	DIAMETER	ELEVATION TOP OF SUB-PIER	REINFORCEMENT	
			V BARS	CONTINUOUS COIL TIE
NA	4'-0"	573.25	12-#11 x 44'-9"	4 617'
NB	4'-0"	570.75	12-#11 x 42'-3"	4 581'
NC	4'-0"	573.25	12-#11 x 44'-9"	4 617'
ND	4'-0"	570.75	12-#11 x 42'-3"	4 581'
NE	4'-0"	570.75	12-#11 x 42'-3"	4 581'
NF	5'-0"	570.75	18-#11 x 42'-3"	4 747'
NG	5'-0"	570.75	18-#11 x 42'-3"	4 747'
NH	4'-0"	573.25	12-#11 x 44'-9"	4 617'
NI	8'-6"	570.75	53-#11 x 42'-3"	5 1332'
NJ	8'-6"	570.75	53-#11 x 42'-3"	5 1332'
NK	4'-0"	573.25	12-#11 x 44'-9"	4 617'
NL	4'-0"	570.75	13-#11 x 42'-3"	4 581'
NM	4'-0"	570.75	12-#11 x 42'-3"	4 581'
NN	4'-0"	570.75	13-#11 x 42'-3"	4 581'
NO	4'-0"	573.25	12-#11 x 44'-9"	4 617'



TYPICAL SUB-PIER

NOTES:

- EL. 532.00 (BOTTOM OF SUB-PIER) IS ESTIMATED ON THE BASIS OF SOIL BORINGS. EXACT ELEVATIONS OF BOTTOM OF SUB-PIER WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
- CONTRACTOR SHALL MAKE PROPER PROVISIONS TO MAINTAIN CLEARANCE OF REINFORCEMENT FOR THE ENTIRE DEPTH OF SUB-PIER.
- USE 1/2" CLOSED COILS TOP AND BOTTOM OF EACH SPIRAL. USE 4" SPACER BARS FOR 4'-0" AND 5'-0" SUB-PIERS AND 5" SPACER BARS FOR 8'-0" SUB-PIERS. THESE SPACER BARS WILL BE MEASURED FOR PAYMENT ON THE BASIS OF 25 LBS. PER LIN. FT. OF SPACER BAR AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR REINFORCEMENT BARS.
- IF THE BOTTOM OF SUB-PIER IS LOWER THE CONTRACTOR SHALL EXTEND THE REINFORCEMENT BY SPLICING TO EACH VERTICAL BAR AN EQUAL SIZE BAR EXTENDING TO THE BOTTOM OF SUB-PIER AND PROVIDING A 24 BAR DIAMETER LAP.

FOR PRESET ANCHOR BOLTS IN SUB-PIERS SEE DRGS. S-4 & S-18.

FOR INFORMATION ONLY

EXISTING PLAN
LOCATION 3
IL 43 OVER
CHICAGO SANITARY &
SHIPPING CANAL
S.N. 016-0991