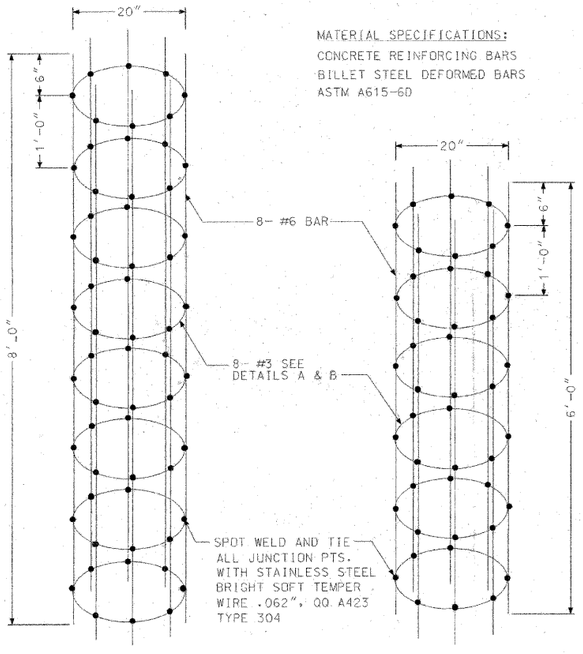
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	1920.1B-R	COOK	101	041
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62533

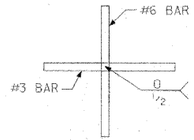


ISOMETRIC VIEW OF 8' STEEL CAGE

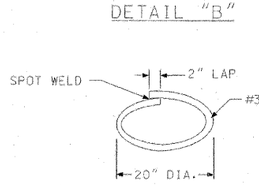
ISOMETRIC VIEW OF 6' STEEL CAGE

MATERIAL SPECIFICATIONS:
CONCRETE REINFORCING BARS
BILLET STEEL DEFORMED BARS
ASTM A615-6D

CODE	COMMODITY	SIZE	QUANITY
20-9545-	ROD, WELDING LINCOLN WELD OR EQUAL	#7018	5#
31-	WIRE, TIE STEEL STAINLESS QQ W423 COND. "A" SOFT	.062	1.0#



DETAIL "B"



DETAIL "A"

REVISION	DATE

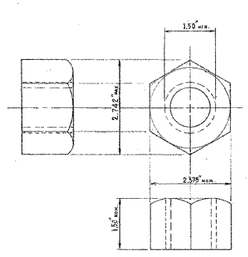
STEEL CAGES FOR POLE FOUNDATIONS

CITY OF CHICAGO
DEPT. OF STREETS AND SANITATION
BUREAU OF ELECTRICAL OPERATIONS
DIVISION OF ELECTRICAL ENGINEERING

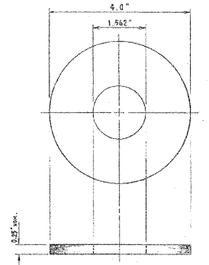
DRAWN BY	CHECKED BY	SUPERSEDES
I. ABRAHER	R. CARTER	P. POOL
ENGINEERING ENGINEER	STRUCTURAL ENGINEER	ENGINEER

ENG. NO. 793A

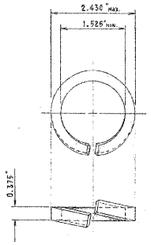
SCALE 1" = 2'-0" | SHEET NO. | DATE: 06-12-08



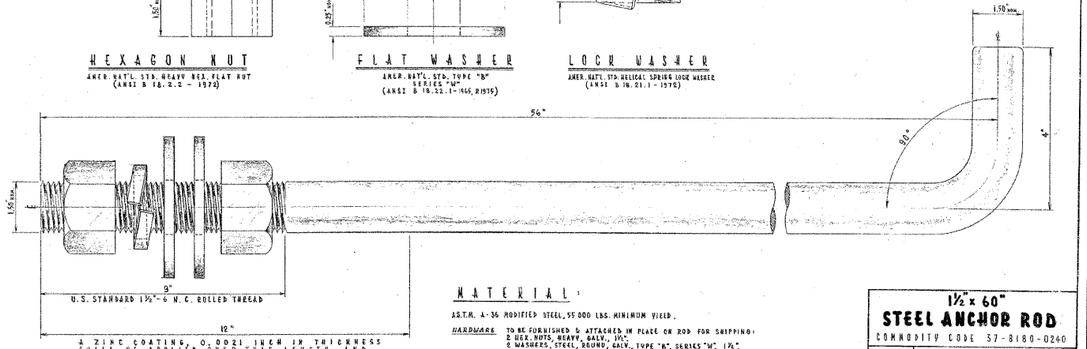
HEXAGON NUT
AMER. NAT'L. STD. HEAVY REG. FLAT NUT (ANSI B 18.2.2 - 1972)



FLAT WASHER
AMER. NAT'L. STD. TYPE "B" SERIES "W" (ANSI B 18.22.1-1965, R1975)



LOCK WASHER
AMER. NAT'L. STD. HELICAL SPRING LOCK WASHER (ANSI B 18.21.1 - 1972)



4 ZINC COATING, 0.0021 INCH IN THICKNESS SHALL BE APPLIED OVER THIS LENGTH AND COVERED WITH HEAVY MO-DX-ID, OR EQUAL, RUST INHIBITING COMPOUND

MATERIAL:
A.S.T.M. A-36 MODIFIED STEEL, 55 000 LBS. MINIMUM YIELD.
HARDWARE: TO BE FURNISHED & ATTACHED IN PLACE OR ROD FOR SHIPPING:
2 HEX. NUTS, HEAVY, GALV., 1½".
2 WASHERS, STEEL, ROUND, GALV. TYPE "B", SERIES "W", 1¾".
1 WASHER, LOCK, STEEL, GALV., HELICAL SPRING, REGULAR, 1¾".
BOLT & NUTS SHALL HAVE AN AMERICAN STANDARD CLASS 2 OR 3 FIT. (NOT IS TAPPED OVERSIZE BY 1/32")

1½" x 60"
STEEL ANCHOR ROD
COMMODITY CODE 37-8180-0240

REVISED		
A	JULY 23, 1982	
B		
C		
D		
E		
F		
G		

CITY OF CHICAGO
DEPT. OF STREETS AND SANITATION
BUREAU OF ELECTRICAL OPERATIONS
DIVISION OF ELECTRICAL ENGINEERING

DRAWN: EUGENE GEDULIS | CHECKED: A. KWELLER | SUPERSEDES: M. 2.01 INC

CHIEF MISSION ENGINEER: [illegible]
ENGINEER OF TRAFFIC CONTROL & LIGHTING: [illegible]
ENGINEER OF ELECTRICAL OPERATIONS: [illegible]

ENG. NO. 806

SIZE: 17" x 28" | SCALE: | DATE: AUG. 3, 1982

ES-03

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
112TH PLACE OVER
F.A.I ROUTE 57 (INTERSTATE 57)

ELECTRICAL STANDARD DETAILS

SCALE: NONE | DRAWN BY: N/A
DATE: 01/16/09 | CHECKED BY: N/A

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000

...\NORTH ST BORDER.DGN
Fri Jan 16 10:20:21 2009 (Batch)
I:\UDOCUMENTS\NS4860\CIVIL\DGN\CXH10CE#W.DGN
HFCNTRR
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63