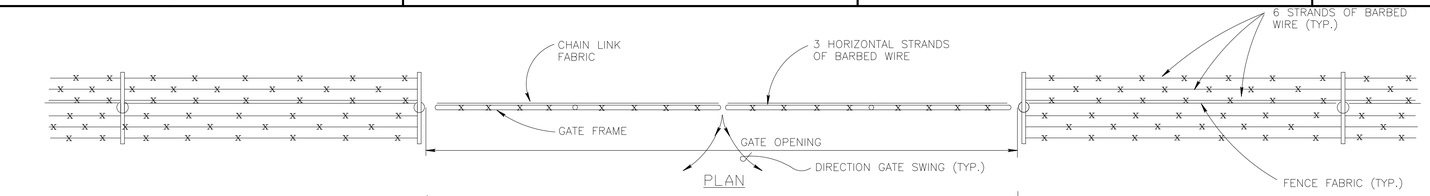
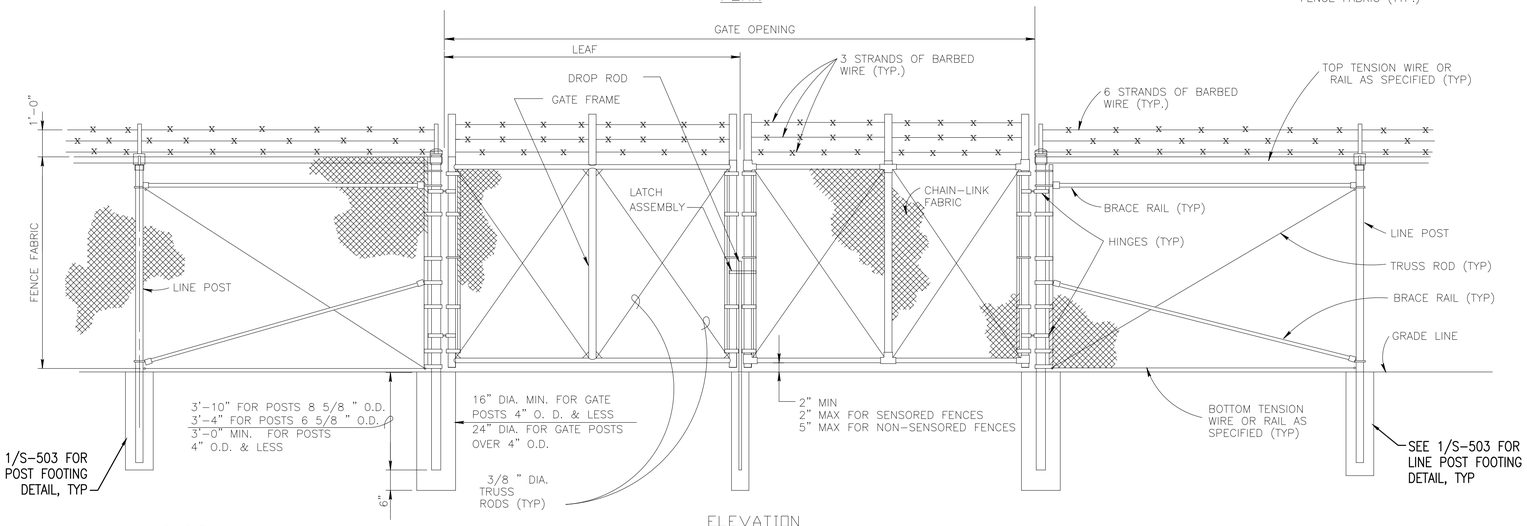


PLAN

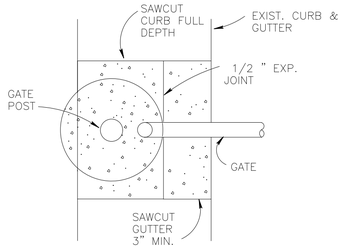


ELEVATION

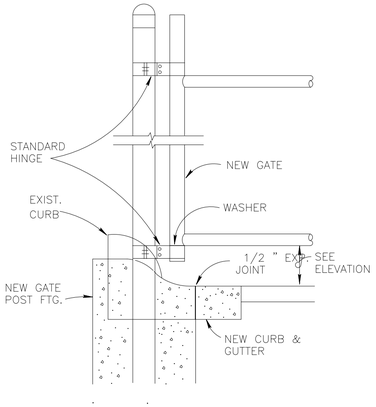
DOUBLE SWING GATE (TYPE FE7 FENCE)

(1)(2) (FOR TYPE FE8 ADD REINFORCED BARBED TAPE)

NO SCALE

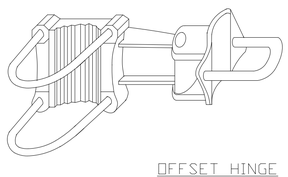


(1) PLAN

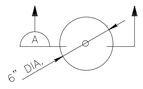


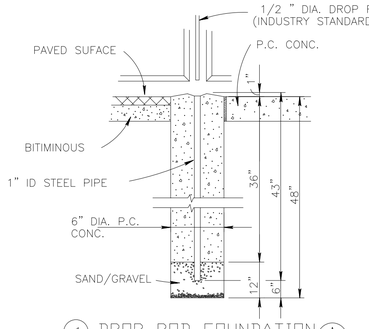
GATE POST SECTION AT CURB AND GUTTER

(1) NO SCALE

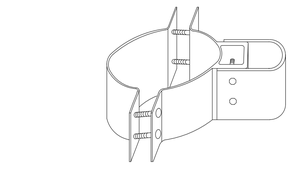


OFFSET HINGE

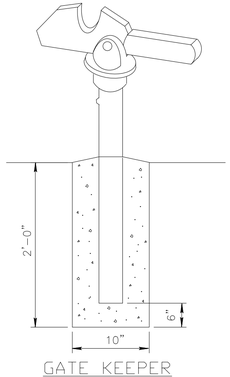




(1) DROP ROD FOUNDATION A



STANDARD HINGE

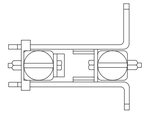


GATE KEEPER

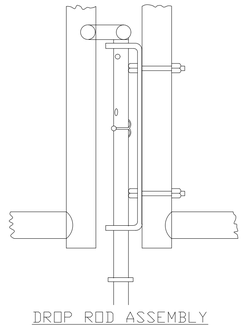
(TO HOLD GATE OPEN)

SWING GATE DETAILS

NO SCALE



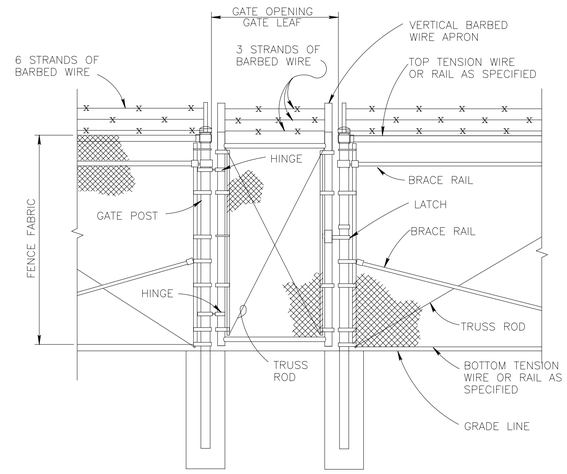
LATCH ASSEMBLY



DROP ROD ASSEMBLY

(1)(2)

GATE POST SCHEDULE	
GATE LEAF WIDTH (NOMINAL)	OUTSIDE DIMENSION (NOMINAL)
6' OR LESS	2.875" OD 2.5" SQ
GREATER THAN 6' TO 12'	4.0" OD
GREATER THAN 12' TO 18'	6.625" OD
MORE THAN 18'	8.625" OD



(1) PERSONNEL GATE TYPE FE7 & FE8 FENCE

NO SCALE

GENERAL NOTES:

1. PERSONNEL GATE DETAIL IS INCLUDED FOR CONTRACTOR INFORMATION ONLY FOR USE AT CONTRACTOR STAGING AREA OR CONSTRUCTION TRAILER LOCATION AS DETERMINED BY CONTRACTOR. NO PERMANENT PERSONNEL GATES ARE REQUIRED UNDER THIS CONTRACT. 1

(1)(2) NOTES:

1. FOR NON-SENSORED FENCES, DETAILS SHOWN ARE TO CLARIFY REQUIREMENTS AND ARE NOT INTENDED TO LIMIT OTHER TYPE OF FENCE SECTIONS AND METHODS OF INSTALLATION THAT COMPLY WITH THE SPECIFICATIONS.
2. SWING GATES SHALL BE CONSTRUCTED WITH DROP RODS, PADLOCKS, LATCH ASSEMBLY AND GATE KEEPERS EXCEPT AS NOTED.
3. ALL GATE FRAMES SHALL MEET THE MINIMUM REQUIREMENTS OF ASTM F900 1.90" NOMINAL (ROUND) OR 2.00" NOMINAL (SQUARE). GATE FRAMES SHALL BE OF WELDED CONSTRUCTION OR SHALL BE ASSEMBLED USING HEAVY FITTINGS. AT CONTRACTOR'S OPTION A WELDED HORIZONTAL BRACE MAY BE USED IN LIEU OF TRUSS RODS TO BRACE ALL-WELDED GATE FRAMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER RIGID CONSTRUCTION OF ALL GATES SUPPLIED.
4. GATES SHALL BE DESIGNATED AS FOLLOWS:
   FENCE TYPE – FE5, FE6, ETC.
   FENCE HEIGHT – INCHES
   TYPE OPENING – SO (SINGLE)
   DO (DOUBLE)
   HINGE – RA (STANDARD)
   HO (OFFSET)
   OPENING – FEET (CLEAR OPENING BETWEEN GATE POSTS)

   EXAMPLES: FE6-84-DO-RA-24
   FE5-48-SO-HO-6

SYM	DESCRIPTION	DATE	APPR
1	AMENDMENT 0005	04/15/2023	
0	ISSUE FOR CONSTRUCTION	09/26/2022	

NAVFAC

STATE OF MARYLAND — KEVIN WAYNE WILLIAMS — No. 21624 — PROFESSIONAL ENGINEER — 09/26/2022

SEAL

Wiley|Wilson | BURNS MCDONNELL

JOINT VENTURE

A/E INFO

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES	DRW	CHK

PM/DM

BRANCH MANAGER

CHIEF ENG/ARCH

FIRE PROTECTION

MDE NO. 21-SF-0064

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
WASHINGTON NAVY YARD

NAVAL FACILITIES ENGINEERING COMMAND – WASHINGTON
WASHINGTON, DC

JOINT BASE ANDREWS NAVAL AIR FACILITY
CAMP SPRINGS, MD

P-3002 RELOCATE HAZARDOUS CARGO PAD AND EOD PROFICIENCY RANGE

FE-7 FENCE DETAIL

SCALE:	AS NOTED
EPROJECT NO.:	1396650
CONSTR. CONTR. NO.	N40080-22-R-8580
NAVFAC DRAWING NO.	13140337
SHEET	67 OF 229

CS-502

DRAWFORM REVISION: 06 APRIL 2017