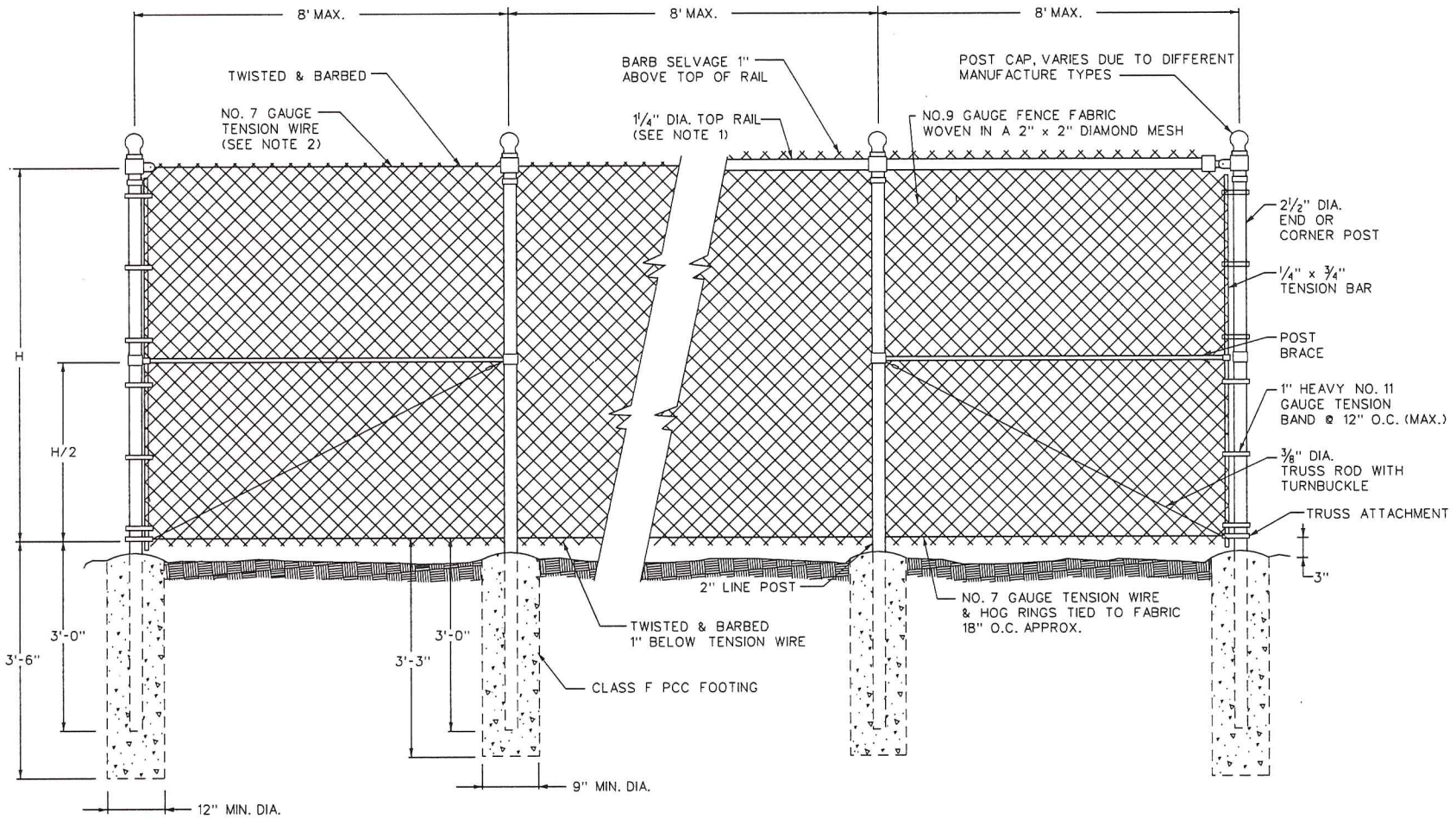


NOTES:

1. USE A TOP RAIL FOR PROPERTY FENCE.
2. USE TENSION WIRE WHEN FENCE IS ADJACENT TO ROADWAY.
3. POST AT THE INTERSECTION OF TWO LINES FORMING AN ANGLE OF 15° OR MORE SHALL BE CONSIDERED AS A CORNER POST.

ISSUED: 8/2015	
REVISION	APPROVAL

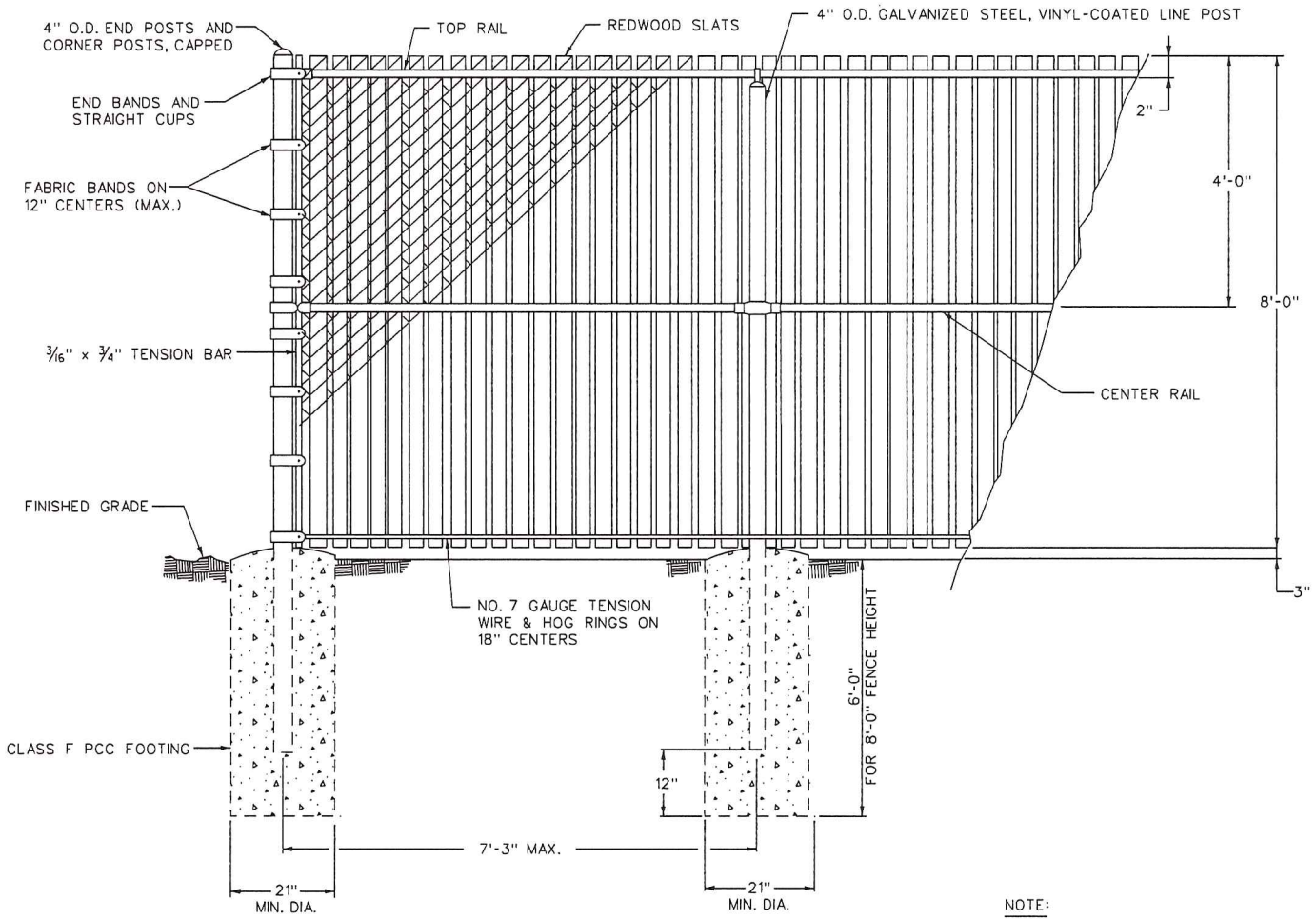
RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammad Khalid CHIEF ENGINEER

CHAIN LINK FENCE

d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 604.01



NOTE:

1. USE NO. 9 GAUGE TIE WIRES, 18" APART (MAX.) TO SECURE REDWOOD SLAT FABRIC TO TOP & CENTER RAIL.

ISSUED: 8/2015	
REVISION	APPROVAL

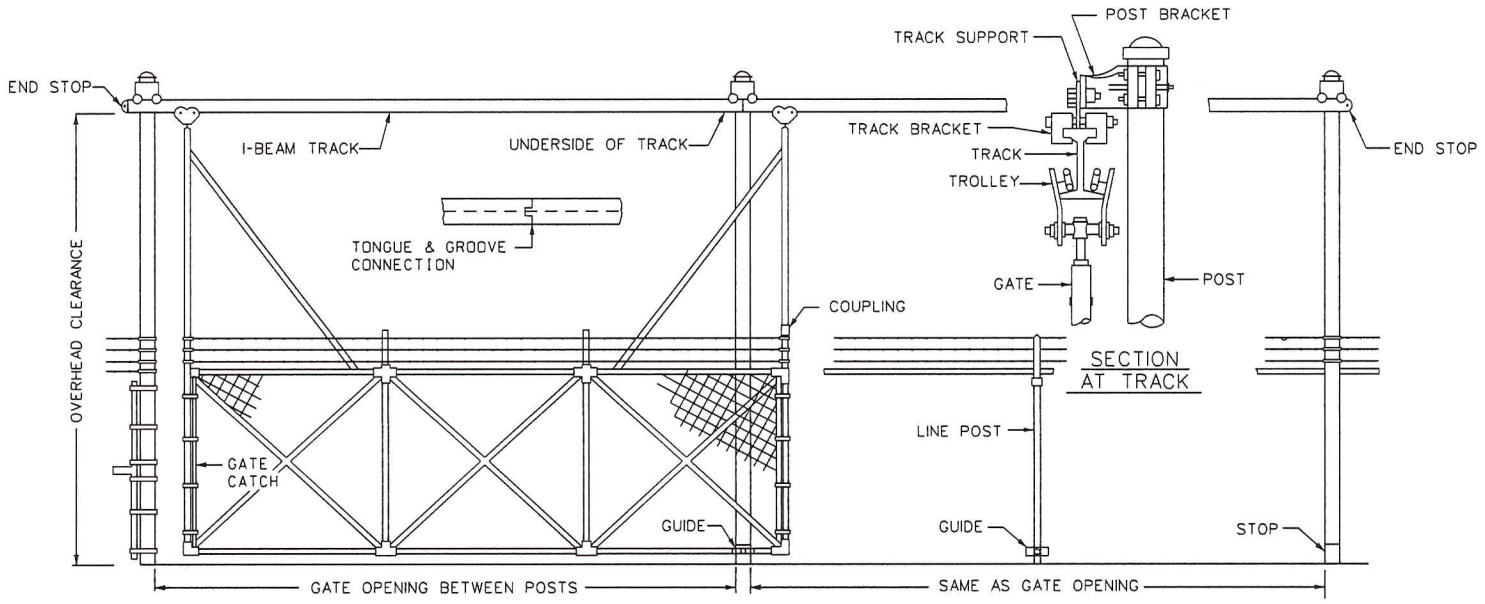
RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammed Khalid CHIEF ENGINEER

VINYL CLAD CHAIN LINK FENCE WITH REDWOOD SLATS

d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 604.02



DETAILS OF SLIDING GATE

ISSUED: 8/2015	
REVISION	APPROVAL

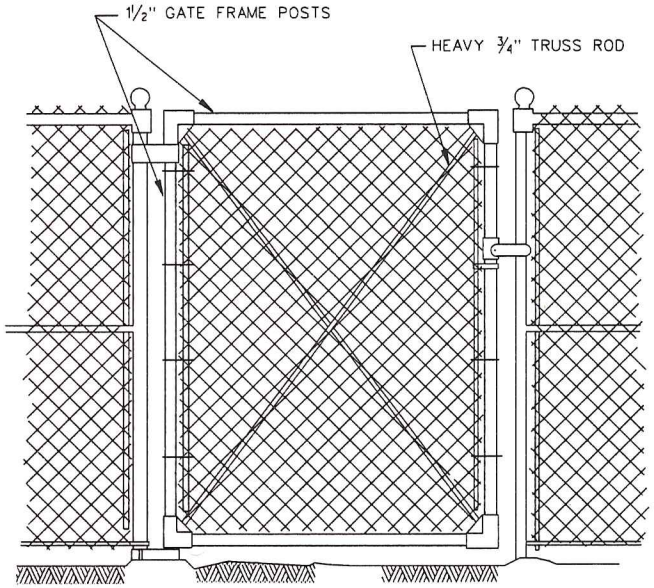
RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Mohammed Khalid CHIEF ENGINEER

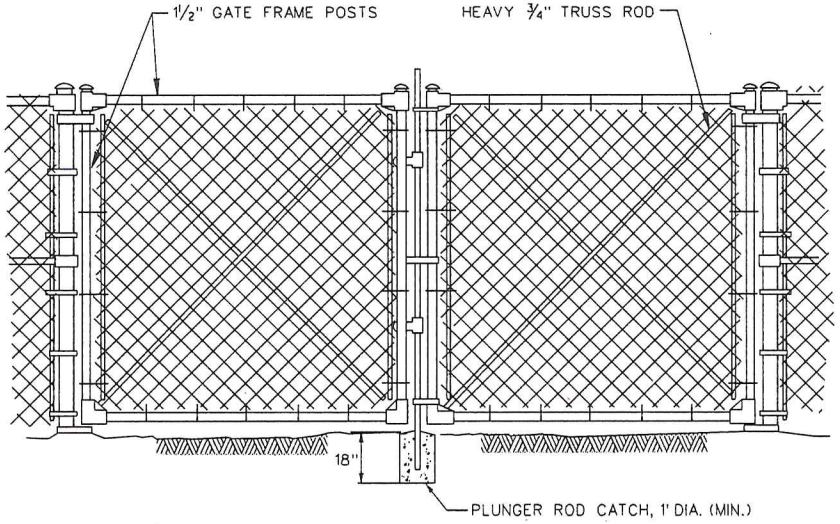
CHAIN LINK GATE DETAILS - 1

d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

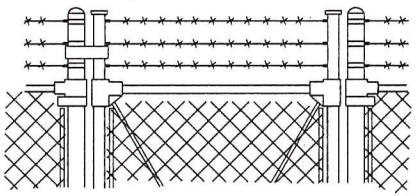
DWG. NO. 604.03



MAINTENANCE GATE
(SINGLE-SWING)



GATE DETAIL
(DOUBLE-SWING)

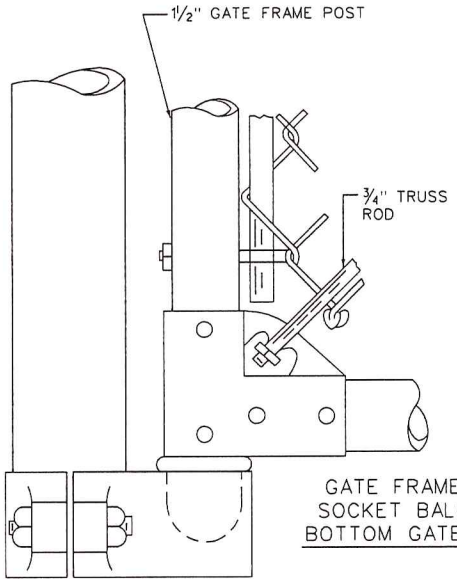


SECURITY GATE

GATE WIDTH	GATE POSTS	
	PIPE SIZE (O.D.)	LBS/FT
UP TO 6'	2⅞"	5.79
OVER 6' TO 13'	4"	9.11
OVER 13' TO 18'	6⅝"	18.97
OVER 18'	8⅝"	24.70

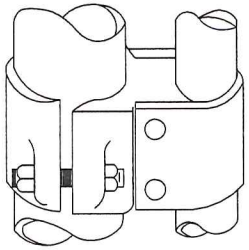
SINGLE SWING GATES OR FOR EACH LEAF OF DOUBLE SWING GATES

ISSUED: 8/2015		RECOMMENDED: PROJECT MANAGER	CHAIN LINK GATE DETAILS - 2	d. DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION
REVISION	APPROVAL			
		APPROVED: Muhammad Khalid CHIEF ENGINEER		DWG. NO. 604.04

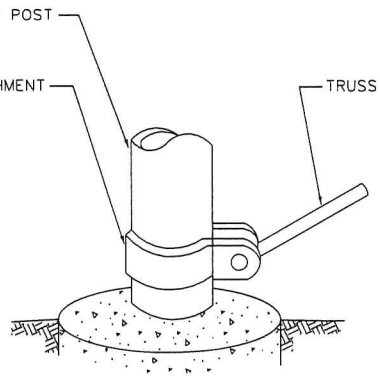


GATE FRAME AND SOCKET BALL FOR BOTTOM GATE HINGE

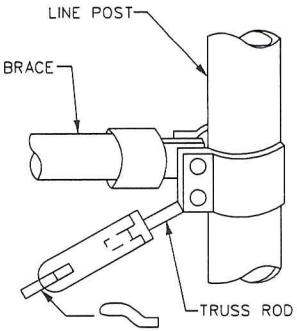
BOTTOM GATE CORNER AND HINGE ATTACHMENT



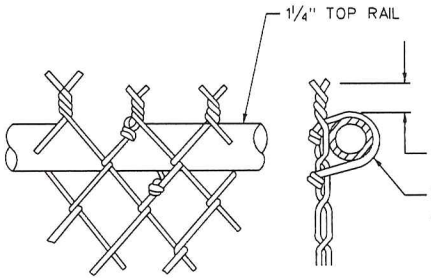
TOP GATE HINGE



TRUSS ATTACHMENT AT END OR CORNER POST



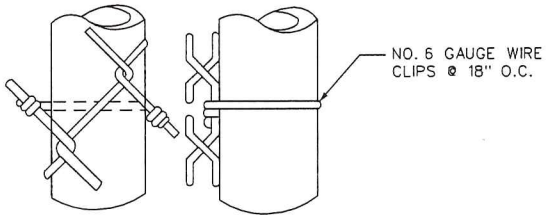
POST BRACE AND TRUSS ROD ATTACHMENT AT LINE POST



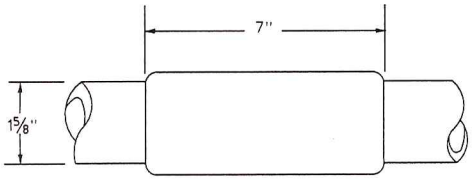
METHOD OF TYING FABRIC TO RAILS

NOTE:

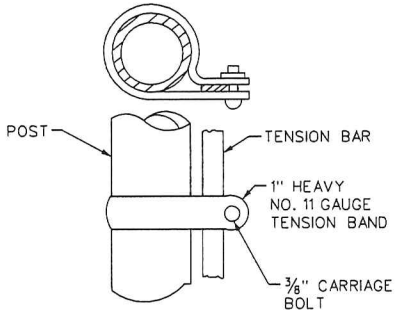
FABRIC TIED TO POST BRACE WITH NO. 6 GAUGE WIRE CLIP @ 18" O.C.



METHOD OF TYING FABRIC TO TUBULAR LINE POST



SLEEVE COUPLING FOR TOP RAIL



SECTION OF END, CORNER OR GATE POST WITH TENSION BAND ATTACHMENT

ISSUED: 8/2015	
REVISION	APPROVAL

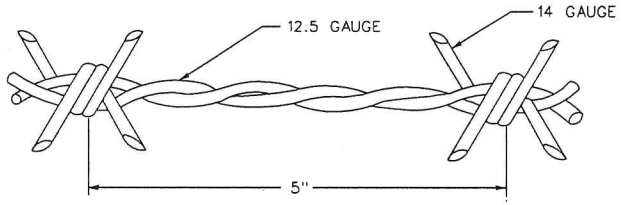
RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammed Khalid CHIEF ENGINEER

CHAIN LINK FENCE DETAILS - 1

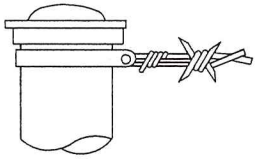
d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 604.05

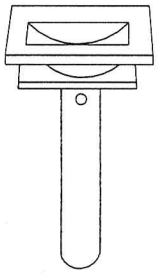


BARBS ARE WRAPPED AROUND BOTH WIRES OF THE STRAND, INTERLOCKED, HAVING ONE BARB PROJECTING THROUGH THE STRAND

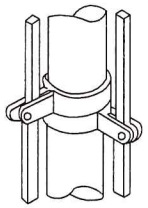
BARBED WIRE



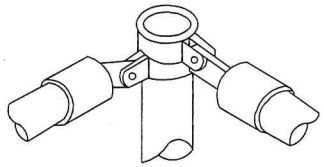
BAND FOR ATTACHING BARBED WIRE AT GATE POSTS



PLUNGER ROD CATCH FOR HEAVY GATES

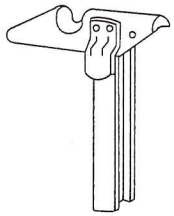


TENSION BARS & TENSION BANDS



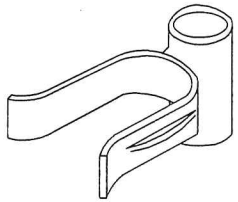
CORNER CLAMP ADJUSTABLE TO ANY ANGLE

CORNER POST CONNECTIONS

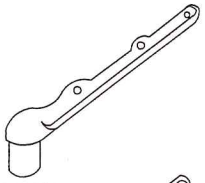


STOP

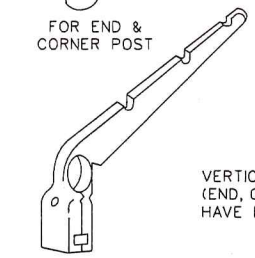
TO HOLD GATE OPEN



LATCH FORK

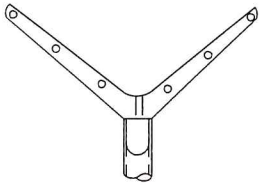


FOR END & CORNER POST

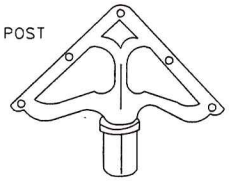


FOR LINE POST

VERTICAL LINE POST TOP (END, CORNER & GATE POST HAVE BALL TOP)

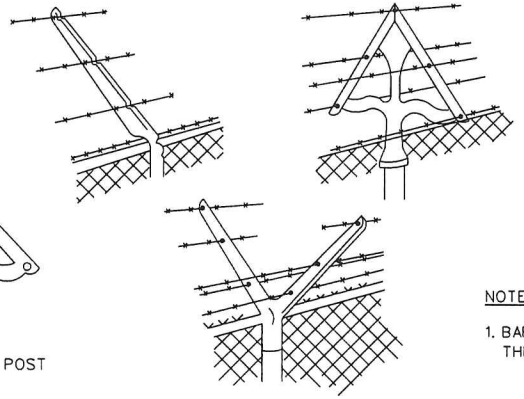


FOR END & CORNER POST 6 BARB WIRES



FOR END & CORNER POST 5 BARB WIRES

SECURITY FENCE EXTENSION ARMS



TOP FINISH OF SECURITY FENCES

NOTE:

1. BARBED WIRE SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M280.

ISSUED: 8/2015	
REVISION	APPROVAL

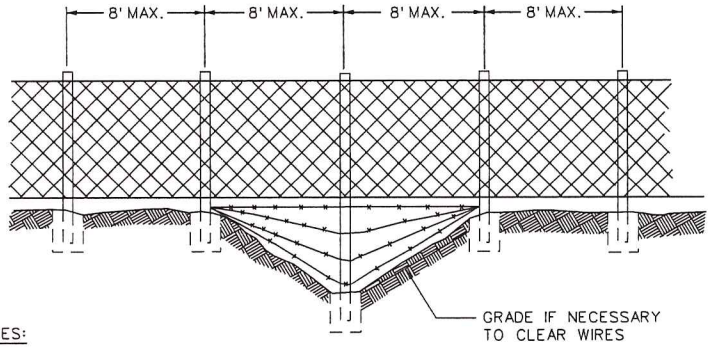
RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Mohammed Khalid CHIEF ENGINEER

CHAIN LINK FENCE DETAILS - 2

d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

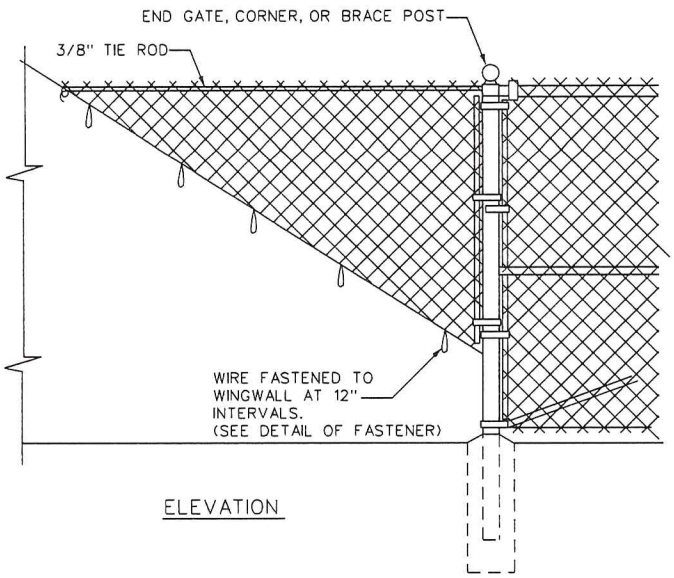
DWG. NO. 604.06



NOTES:

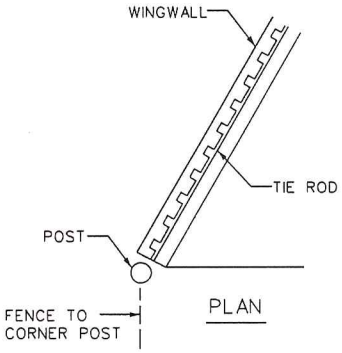
1. MAXIMUM WIRE SPACING TO BE 6".
2. MAXIMUM CLEARANCE BETWEEN LOWEST STRAND & GROUND TO BE 6".
3. BARBED WIRE TO BE PAID FOR AS "ADDITIONAL BARBED WIRE".
4. EXTRA LENGTH POSTS TO BE INCLUDED IN THE UNIT BID PRICE FOR LINEAR FT. OF FENCE.

DETAILS OF DITCH CROSSING

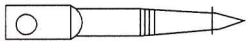


ELEVATION

METHOD OF TYING FENCE TO WINGWALL

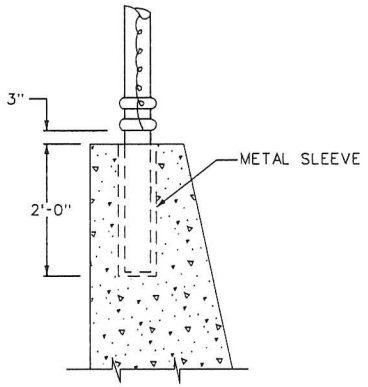


PLAN



DETAIL OF FASTENER

RAMSET 2428-B OR EQUAL



DETAIL OF FENCE ON WALL

ISSUED: 8/2015	
REVISION	APPROVAL

RECOMMENDED: _____ PROJECT MANAGER

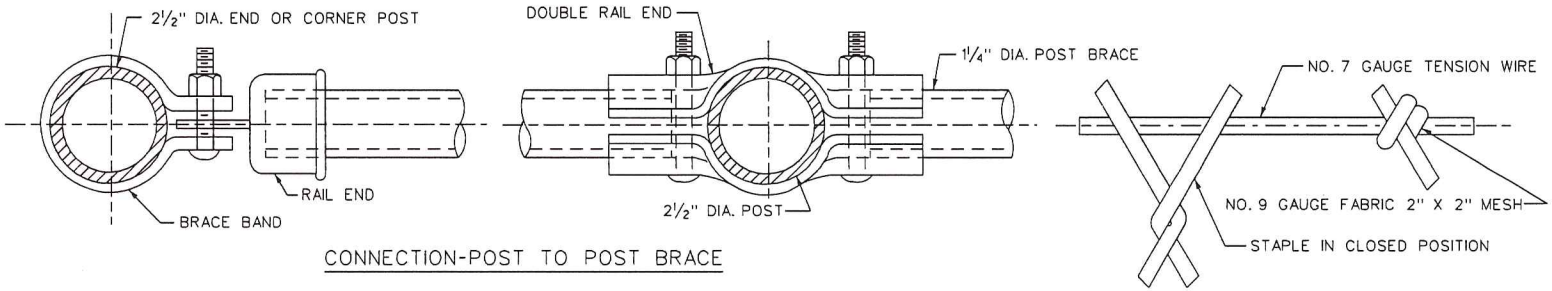
APPROVED: Muhammed Khalid CHIEF ENGINEER

CHAIN LINK FENCE DETAILS - 3

d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

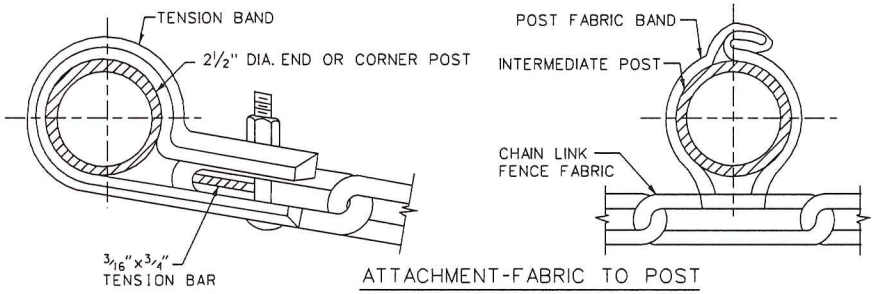
DWG. NO. 604.07

NOTE: THIS DRAWING IS INCLUDED FOR MAINTENANCE PURPOSES BUT NOT FOR USE ON NEW BRIDGES.

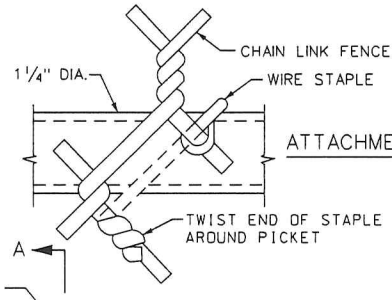


CONNECTION-POST TO POST BRACE

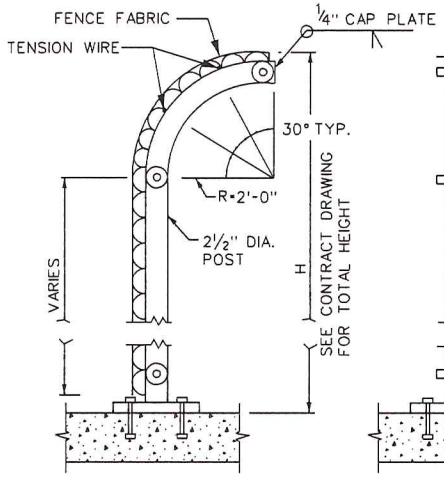
ATTACHMENT - FABRIC TO TENSION WIRE



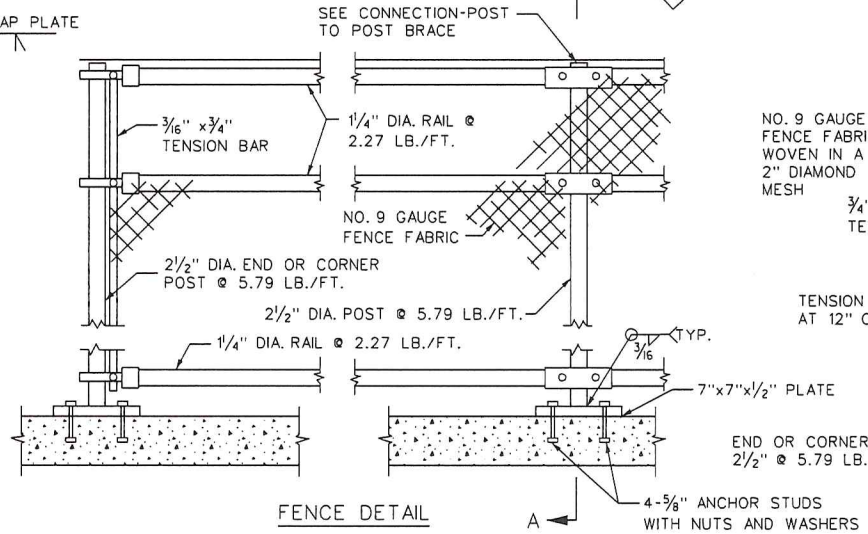
ATTACHMENT-FABRIC TO POST



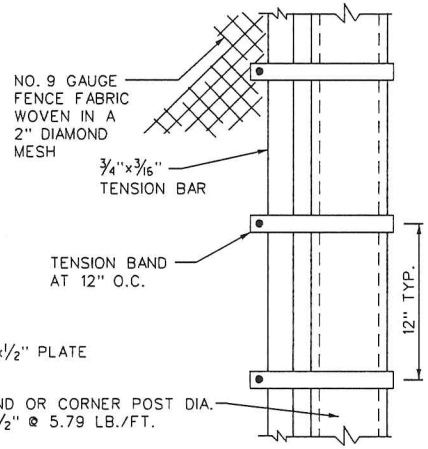
ATTACHMENT-FABRIC TO TOP POST BRACE



SECTION A-A



FENCE DETAIL



TENSION BAR DETAIL

ISSUED: 8/2015	
REVISION	APPROVAL

RECOMMENDED: _____ PROJECT MANAGER

APPROVED: Muhammed Khalid CHIEF ENGINEER

SAFETY FENCE SHIELDING

d. DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

DWG. NO. 604.08