



- BARB WIRE HOLDER PIPE: 1 1/2" X 20'(0.038m X 0.50m) GALVANIZED. W/45 GRADES OF INCLINATION FORWARD TO THE ATTACK SIDE. PIPE MUST HAVE CAP ON THE TOP AND THREE 1/4" X 1" (0.06m X 0.025m) SOLID BAR SECTIONS WELDED BEFORE GALVANIZED, TO HOLD BARB WIRE STRANDS.
- 3 STRANDS OF GALVANIZED BARB WIRE
- PRINCIPAL POST: 3" (0.076m) GALVANIZED
- GALVANIZED TENSION BANDS WITH HDG CARRIAGE BOLT AND NUTS
- TENSION BAR: 3/16" X 1/2" (0.0047m X 0.125m) METAL TO BE INSTALLED EVERY 3 POSTS, BOTH SIDES, WORKING AS CHAIN LINK TENSION ELEMENT.
- GALVANIZED CHAIN LINK, GAUGE 9, SQUARES 2' X 2' (0.05m X 0.05m), MUST BE INSTALLED 2' (0.5m) ABOVE LAND LEVEL. FABRIC HEIGHT: 118" (3.0-m)
- ALL POSTS MUST PERMIT A MINIMUM CHAIN LINK HEIGHT OF 118" 40' (1.02m) ARE UNDERGROUND COVERED WITH CONCRETE. WHERE NEEDED POST MUST INCREASE ITS LONG.
- 1 1/2" (0.038m) GALVANIZED PIPE INSTALLED WITH RAIL END COMBINATIONS
- FOUNDATION FOR EACH POST: MINIMUM SIZE: DIAMETER: 9" (0.229m), HEIGHT: 42"(1.07m), 3,000 PSI CONCRETE. POST MUST BE COVERED BY 3" (0.076M) OF CONCRETE AT ITS BOTTOM. UPPER SECTION TO HAVE A 1.5% SLOPE FOR WATER TO RUN AWAY FROM THE POST.
- TENSION WIRE, GAUGE 7, INSTALLED 4' ABOVE LAND LEVEL AND MUST BE INTERCALATED ON EVERY CHAIN LINK FENCE HOLE.

CONCRETE 30" (7.62m) POST BESIDE (INTERNAL POINT) THE LANDMARK OF THE CORNER + METAL GALVANIZED 3" (0.762m) POST.  
 (FOUNDATION FOR BOTH POSTS)  
 MINIMUM SIZE: DIAMETER: 24" (0.61m), HEIGHT: 60"(1.52m), 3,000 PSI CONCRETE. METAL POST MUST BE COVERED BY 3" (0.076M) OF CONCRETE AT ITS BOTTOM.

IMPORTANT: FENCE WILL BE 118" (3.0m) HIGH + BARB WIRES AS THE MINIMUM HEIGHT AT ALL TIMES  
 TENSION BANDS DISTANCE AS PER MANUFACTURE SPECIFICATION

TYPICAL FENCE SECTION AT CORNER  
 CROSS SECTION DIMENSIONS ON DRAWING ARE IN METERS.  
 DIMENSIONS IN TEXT ARE IN INCHES AND METERS. DRAWING NOT TO A SCALE

<p><i>U.S. Department of State</i></p>  <p><b>US EMBASSY Guatemala</b></p>		<p><b>Drawing Title:</b>          NEC          FENCE DETAIL</p>	
Engineer: OS	Checked by: OS		
Project Number: 02	Drawn by: DM		
Scale: AS NOTED	Date: 06/2016		
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<p><b>SENSITIVE BUT UNCLASSIFIED</b></p>			