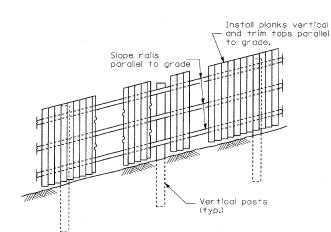


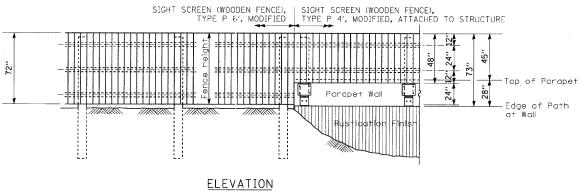
	FENCE HEIGHT	
	6'-0"	8'-0"
	(1.8 m)	(2.4 m)
Post Size	6x8 (150x200)	8×8 (200×200)
Post Length	10'-0" (3 ₄ 0 m)	14'-0" (4.3 m)
Post Embedment	4'-0'' (1.2 m)	6'-0'' (1.8 m)
А	15 (380)	18 (460)
В	24 (600)	33 (870)
С	24 (600)	33 (870)
D	12 (300)	15 (380)

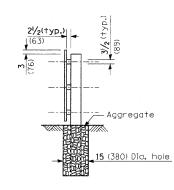


F.A.U. SECTION COUNTY 0085 00-00246-01-FP MCHENRY 236 159A TO STA. FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CONTRACT NO: 63266

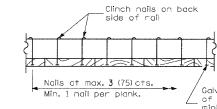
ELEVATION

(Showing treatment with sloping ground)





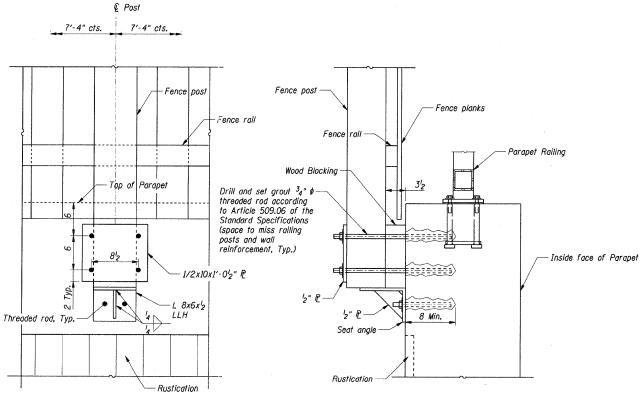
SEC. A-A



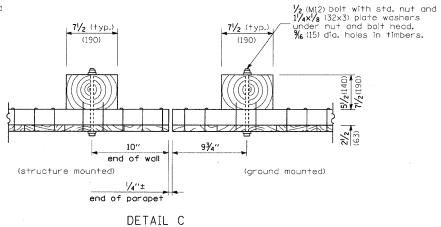
Galvanized common wire nails of sufficient length to have a minimum 1/2 (13) projection to clinch nails in back.

DETAIL A

(Showing typical plank to rail attachment each rail.)



 $\frac{1}{2}$ (M12) bolt with std. nut and $\frac{1}{4}$ x $\frac{1}{8}$ (32x3) plate washers under nut and bolt head. $\frac{1}{16}$ (15) dia, holes in timbers. 71/2 (typ.) (190) 13/4 2 33/4



Loading was based on 80 mph (130 km/h) with 30% gust factor. Minimum allowable soil pressure = 1.25 tsf (120 kPa).

All threaded rods shall be installed with heavy hex nuts and lock washers.

unless otherwise shown.

All plates, angles, rods, bolts, nuts, and washers for post attachment to parapet are to be galvanized.

for post attachment to parapet are to be included in the Item "Sight Screen (Wooden Fence) Type P 4', Modified, Attached to Structure."

MCHENRY COUNTY DIVISION OF TRANSPORTATION WALKUP ROAD F.A.U. 0085

> SIGHT SCREEN FENCE DETAILS

DATE: 12/01/09

DRAWN BY: RJS CHECKED BY: MCD

TENG & ASSOCIATES. INC. ENGINEERS/ARCHITECTS/PLANNERS 205 N. MICHIGAN AVE. CHICAGO. IL 60601

FENCE POST ATTACHMENT TO RETAINING WALL DETAILS

(Showing typical panel to post connection details)

GENERAL NOTES

REVISIONS NAME

SCALE: N.T.S.

TENG

DETAIL B

All dimensions are in inches (millimeters)

All plates, angles, rods, bolts, nuts, and washers

..VIOT. SIGHTSCREENFENCE.J.DGN, ..VTBGDY. V.DGN IF-30-2009, 92467 T.\DGGUNENTVIG310003Y.COMMON\DGN\DETOC.64.DGN I 2.4 5.6 7.8 91.0 II [2.13 14 15 16 17 18 19 20.21 22.23.24 25.26272829 30.31.32.33.34