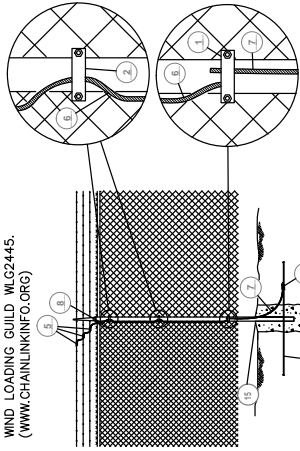
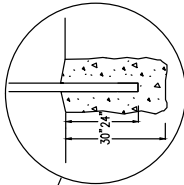


2-1/2" O.D. INTERMEDIATE FENCE POST  
SCHEDULE 40 PIPE THAT MEETS THE  
ASTM F1083 GUILD LINES. IF  
WINDSCREENS OR PRIVACY SLATS ARE TO  
BE USED CHECK SIZING BASED ON THE  
WIND LOADING GUILD WL2445.  
(WWW.CHAINLINKINFO.ORG)

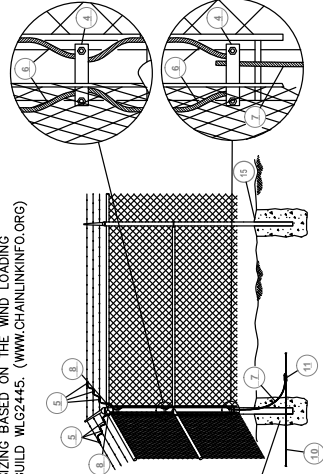


CONCRETE FOOTINGS  
SHALL BE  
A MINIMUM OF 2,500  
PSI OR GREATER



FENCE ELEVATION AND GROUNDING DETAIL (TYPICAL)

3" O.D. CORNER/END FENCE POST  
SCH 40 PIPE THAT MEETS THE ASTM  
F1083 GUILD LINES. IF WINDSCREENS OR  
PRIVACY SLATS ARE TO BE USED CHECK  
SIZING BASED ON THE WIND LOADING  
GUILD WL2445. (WWW.CHAINLINKINFO.ORG)



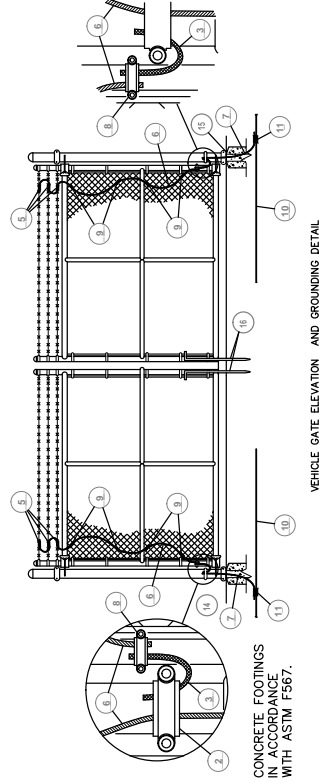
CONCRETE FOOTINGS  
SHALL BE  
A MINIMUM OF 2,500  
PSI OR GREATER

CORNER FENCE ELEVATION AND GROUNDING DETAIL (TYPICAL)

ITEM	DESCRIPTION
1	GROUND CONNECTOR BRONZE BOLTED TWO (2) CABLES TO 2 1/2" O.D. PIPE. CONDUCTOR RANGE SHALL BE FOR 2/0 SOLID - 250 KCM CU. SECTOR GUT-5812 OR BURNIDY CATALOG NO. GD1923.
2	GROUND CONNECTOR BRONZE BOLTED TWO (2) CABLES TO 2 1/2" O.D. PIPE. CONDUCTOR RANGE SHALL BE FOR 2/0 SOLID - 250 KCM CU. SECTOR GUT-5809 OR BURNIDY CATALOG NO. GD1926.
3	FLEXIBLE COPPER BRAID, FURNISHED BY CONTRACTOR
4	GROUND CONNECTOR BRONZE BOLTED TWO (2) CABLES TO 3" O.D. PIPE. CONDUCTOR RANGE SHALL BE FOR 2/0 SOLID - 250 KCM CU. SECTOR GUT-6009 OR BURNIDY CATALOG NO. GD2026.
5	GROUND CONNECTOR BRONZE SERVIT POST TYPE FOR TWO (2) #10-#12 SOLID COPPER CONDUCTOR. FURNISHED BY THE CONTRACTOR.
6	#12 SOLID COPPER CONDUCTOR. FURNISHED BY THE CONTRACTOR.
7	#10-#12 SOLID COPPER CONDUCTOR. FURNISHED BY THE CONTRACTOR.
8	GROUND CONNECTOR BRONZE BOLTED ONE CONDUCTOR TO 1 1/4" O.D. PIPE. CONDUCTOR RANGE SHALL BE FOR 1/0 SOLID - 100 KCM CU. SECTOR GUT-5809 OR BURNIDY CATALOG NO. GD1926.
9	SPLIT BOLT CONNECTOR BURNIDY TYPE EN-A-355 (UNION STR. SECTOR 1-0C-2446 BY CONTRACTOR.
10	WELDED GROUND CONNECTION 1945 CABLE MAIN TO #5 CABLE TAP. CADWELD
11	WELDED GROUND CONNECTION 1945 CABLE MAIN TO #5 CABLE TAP. CADWELD
12	PANIC BAR TYPE TAC-3921 AND (1) #20 WELD METAL AS REQUIRED.
13	ACCESS CONTROL / CARD READER
14	AUTOMATIC DOOR CLOSER
15	WELDED GROUND CONNECTION 1945 CABLE MAIN TO #5 CABLE TAP. CADWELD
16	MANUAL GATE LOCKING PINS (PINS SHALL BE IN GROUND AT LEAST 10")

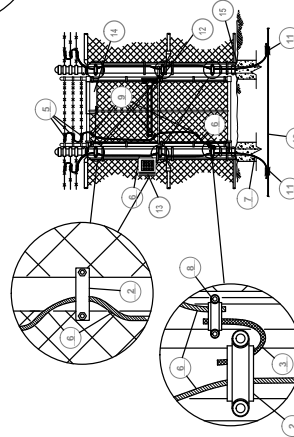
NOTES

- GROUND INSTALLATION SHALL BE PROVIDED AT INTERMEDIATE POSTS, SPACED NO MORE THAN 10' ON CENTER. ALL GROUNDING MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
- GROUND INSTALLATION SHALL BE PROVIDED AT ALL CORNER POSTS. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL ABOVE GROUND CONNECTORS AND GROUND CONDUCTOR.
- THE CONTRACTOR SHALL PROVIDE AT LEAST THREE (3) BOND POINTS TO THE FENCE POST.
- THE CONTRACTOR SHALL FURNISH AND INSTALL A CONTINUOUS #2 SOLID COPPER CONDUCTOR THROUGH THE BOND POINTS. THE CONDUCTOR SHALL BE WOKEN INTO THE FENCE FABRIC AND POSITIVELY BONDED TO EACH STRAND OF BARBED WIRE.
- THE CONTRACTOR SHALL REMOVE ANY THREAD PROJECTION IN EXCESS OF 1/4" BEYOND THE NUT.
- CONTRACTOR TO FURNISH AND INSTALL THE ABOVE GROUNDING MATERIALS FOR THE SUBSTATION ENTRANCE GATE.
- FENCE FABRIC SHALL BE GALVANIZED CHAIN LINK (ASTM A392) 9 GAUGE WITH 2" MESH. M) HIGH AND OVER IS KNUCKLE FINISH AT ONE END, TWIST AT THE OTHER. K&T FABRIC LESS THAN 72 IN (1.8 M), KNUCKLE FINISH TOP AND BOTTOM. K&T.



CONCRETE FOOTINGS  
SHALL BE  
A MINIMUM OF 2,500  
PSI OR GREATER

VEHICLE GATE ELEVATION AND GROUNDING DETAIL



PEDESTRIAN GATE ELEVATION AND GROUNDING DETAIL (TYPICAL)

1 FENCE - GROUNDED  
NOT TO SCALE

NO.	DATE	REVISIONS

**hsj**  
H. Stephen Jones and Associates, Inc.  
12412 San Jose Blvd., Ste. 303  
Jacksonville FL 32223  
P-904.260.0024

VERIFY SCALES  
BAR IS ONE INCH ON  
ORIGINAL DRAWING  
0 1"  
IF NOT ONE INCH ON  
THIS SHEET, ADJUST  
SCALES ACCORDINGLY.

HSJ PROJECT NO.:  
430-1401  
DATE: 05/01/16  
SCALE: NTS



SECURITY TYPICAL  
FENCE - GROUNDED

SHEET NO.:  
ST-6B