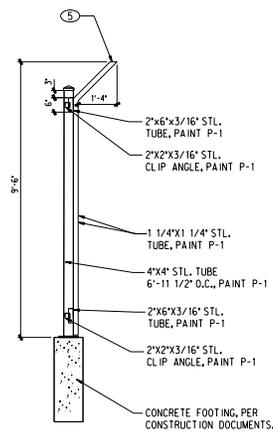
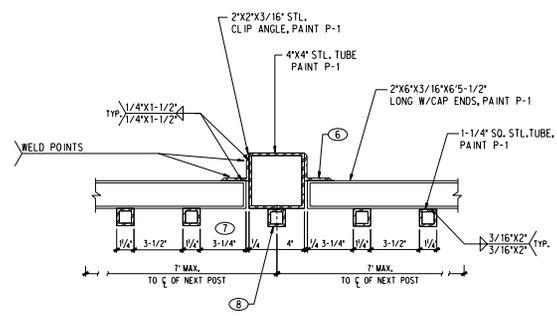


NOTE:  
FENCE SECTIONS TO BE SHOP FABRICATED  
THEN WELDED TO ANGLES IN THE FIELD.

FENCE ELEVATION  
SCALE: NOT TO SCALE



1 FENCE SECTION  
SCALE: NOT TO SCALE



2 FENCE SECTION  
SCALE: NOT TO SCALE

GENERAL NOTES

1. THIS FENCE TYPE IS AN ALTERNATIVE TO THE STANDARD SECURITY CHAIN LINK FENCING. EITHER TYPE MAY BE USED PROVIDED THE SECURITY REQUIREMENTS ARE MET.
2. COORDINATE LANDSCAPING TO INSURE 20' CLEAR ZONE IS MAINTAINED. REFER TO CAMPUS DESIGN GUIDELINES.
3. PROVIDE SHOP DRAWINGS FOR REVIEW DURING DESIGN PHASE FOR QUALITY CONTROL AND PHYSICAL SECURITY COMPLIANCE.
4. CELL PHONE LOCKERS WILL EITHER BE ON THEIR OWN STAND OUTSIDE THE 20' CLEAR ZONE OR POSITIONED ON THE ENTRY PORTAL IN A MANNER THAT PREVENTS IT FROM BEING USED AS A CLIMBING AID.
5. P-1 IS SHERWIN WILLIAMS, ON LINE, SW7072, AS SPECIFIED BY MANUFACTURER FOR METAL APPLICATIONS.

KEYED NOTES

- 1 UPRIGHTS MUST BE WITHIN 2" INCH OF FIRM GROUND OR BELOW SURFACE IF GROUND IS UNSTABLE OR SUBJECT TO EROSION. SURFACES MUST BE STABILIZED IN AREAS WHERE LOOSE SAND, SHIFTING SOILS OR SURFACE WATERS MAY CAUSE EROSION THEREBY ASSISTING AN INTRUDER IN PENETRATING THE AREA. WHERE SURFACE STABILIZATION IS IMPOSSIBLE OR IMPRACTICAL, CONCRETE CURBS, SILLS, OR SIMILAR TYPE OF ANCHORING DEVICE EXTENDING BELOW GROUND LEVEL MUST BE PROVIDED.
- 2 SPACING BETWEEN UPRIGHTS, OR SPACING BETWEEN UPRIGHTS AND BRACE/SUPPORT POST WILL BE 4" INCH OR LESS.
- 3 UPRIGHT ON BRACE POST OR BRACE POST MUST HAVE OUTRIGGER.
- 4 WITH THE EXCEPTION OF STANDARD DOE/SNL POSTINGS, THERE WILL BE NO ITEMS ATTACHED TO THE LOW SECURITY SIDE OF THE FENCE. THIS INCLUDES WHERE ALTERNATIVE FENCING MEETS ENTRY PORTALS, E.G. RAIN GUTTERS, CELL PHONE LOCKERS, ETC. FOR SIGNS SEE SNL SIGN STANDARD.
- 5 OUTRIGGERS MUST BE AT LEAST 18" INCH LONG. BRACE POSTS OR UPRIGHTS ON BRACE POST MUST HAVE OUTRIGGER.
- 6 WELD PLATES.
- 7 SPACE BETWEEN UPRIGHTS MUST BE LESS THAN 4".
- 8 UPRIGHTS MUST BE INSTALLED IN A MANNER TO PREVENT REMOVAL (E.G. WELDING).

OLD FILENAME: C15004STD  
FILENAME: C15004STD.dgn

P.O.	PROJECT NO.	REV	DATE	DESCRIPTION	DRN	CHK	APP
U.S. DEPARTMENT OF ENERGY							
NSA/SANDIA SITE OFFICE				ALBUQUERQUE, NEW MEXICO			
<b>SANDIA NATIONAL LABORATORIES</b>							
PPA-SECURITY AREA ALTERNATE FENCING REQ				P.O.			
				PROJECT NO.			
				DRAWN BY	PS		
				CHECKED BY	SNL ENGR		
DISCP: C				SUB-DISCP: I	STD	DATE	03/20/2008
				SHEET	D+	DRAWING NO	C15004STD
				SEC.			