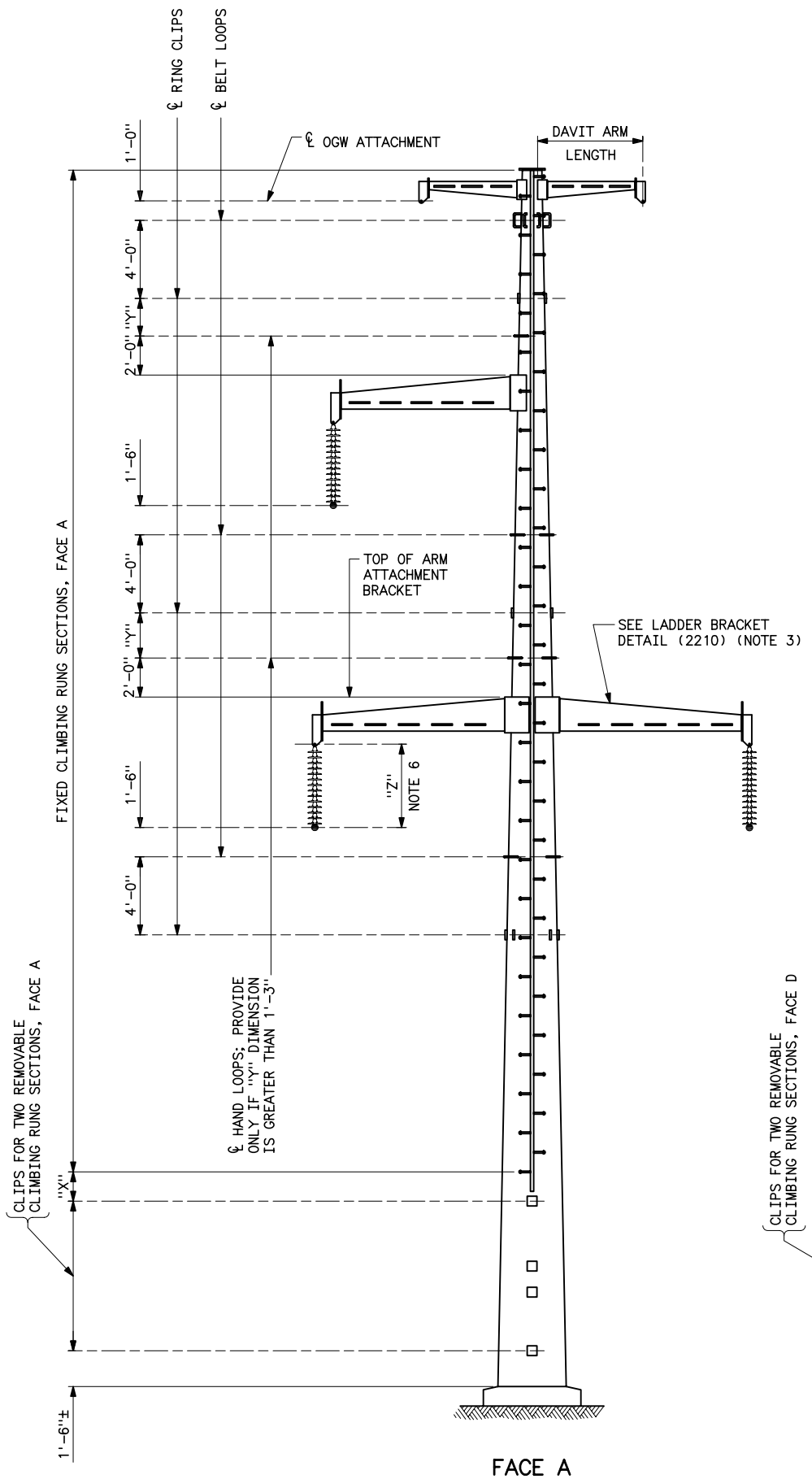
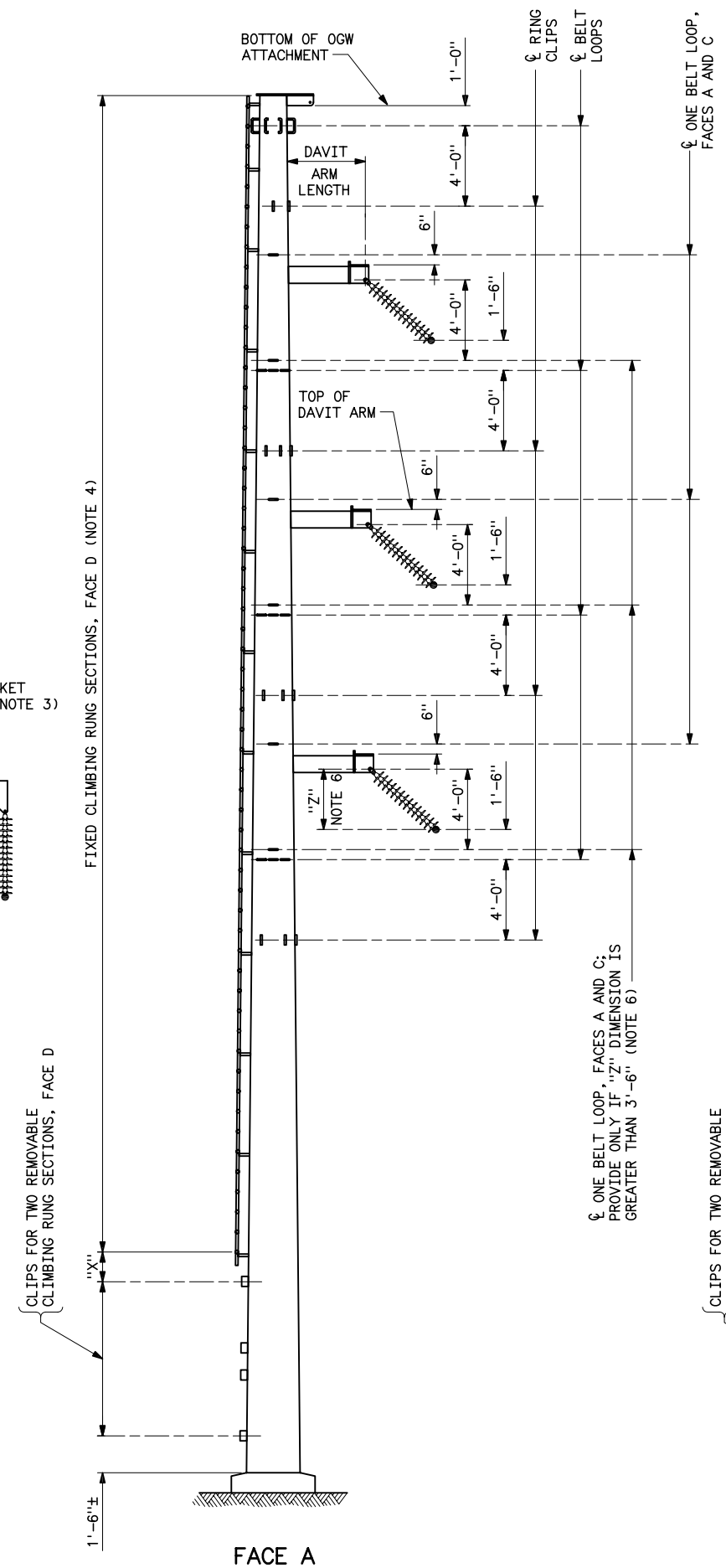
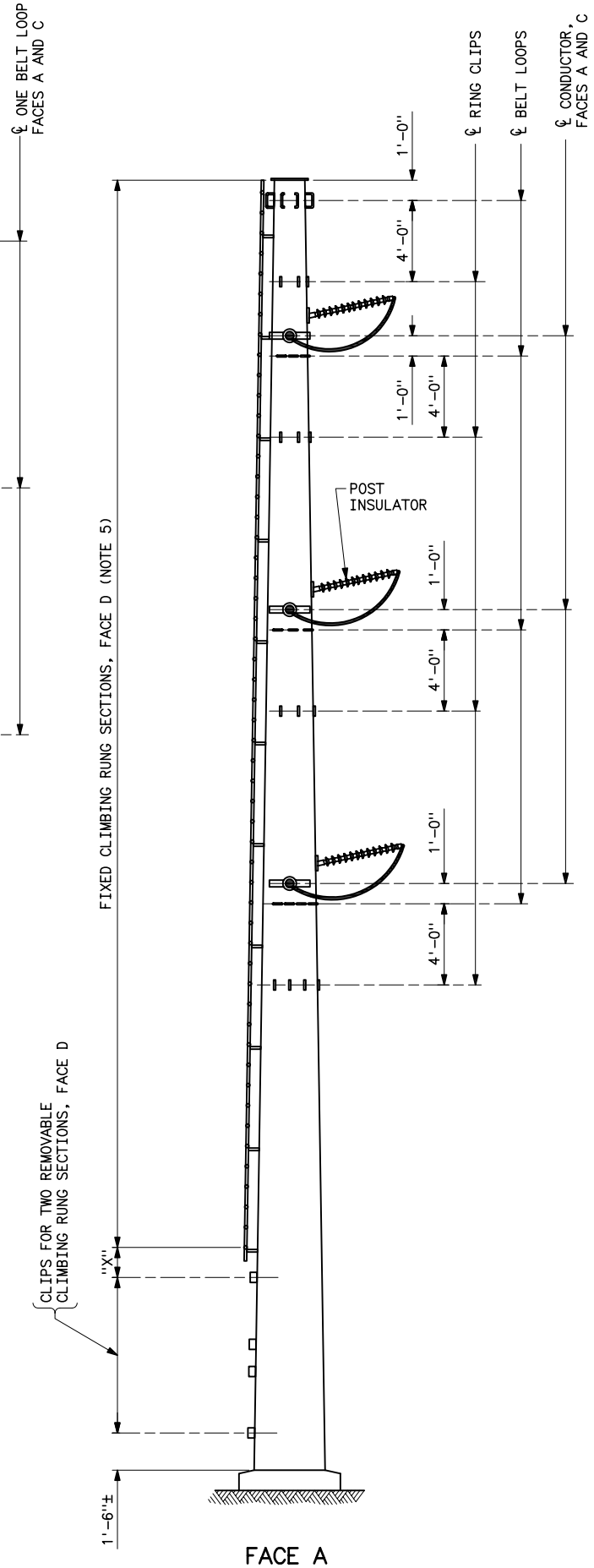


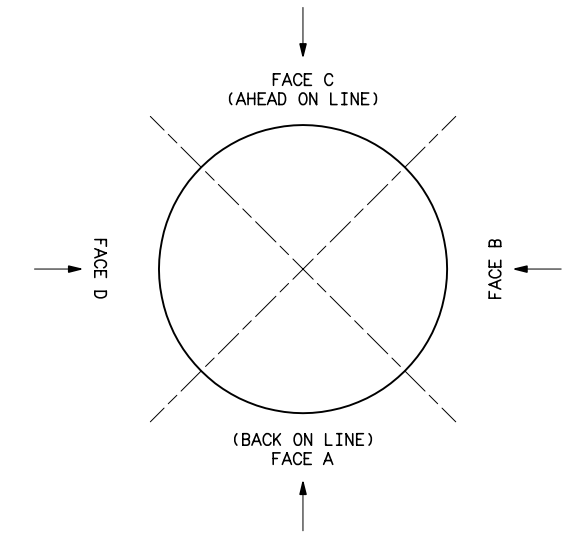
FACE A
TANGENT AND SMALL ANGLE
SUSPENSION STRUCTURES



FACE A
MEDIUM AND LARGE ANGLE
SUSPENSION STRUCTURES



FACE A
TENSION STRUCTURES



PLAN

(ALL VIEWS TAKEN LOOKING IN DIRECTION OF ARROW)

NOTES

1. "X" DIMENSION SHALL BE MINIMUM REQUIRED TO INSTALL TOP REMOVABLE CLIMBING RUNG SECTION.
2. DISTANCE FROM STEPS TO FACE OF POLE SHAFTS SHALL BE THE SAME FOR FIXED AND REMOVABLE CLIMBING RUNG SECTIONS.
3. PROVIDE LADDER BRACKETS ON DAVIT ARMS LONGER THAN 3'-0", AS SHOWN ON DRAWING 43 2210.
4. FOR MEDIUM AND LARGE ANGLE SUSPENSION STRUCTURES, LOCATE FIXED CLIMBING RUNG SECTIONS AND CLIPS FOR REMOVABLE CLIMBING RUNG SECTIONS ON POLE FACE OPPOSITE SUSPENSION INSULATORS.
5. FOR TENSION STRUCTURES, LOCATE FIXED CLIMBING RUNG SECTIONS AND CLIPS FOR REMOVAVBLE CLIMBING RUNG SECTIONS ON POLE FACE OPPOSITE POST INSULATORS.
6. FOR VERTICAL COMPONENT OF INSULATOR LENGTH, "Z", SEE SPECIFICATIONS.
7. WELDS TO ATTACH MAINTENANCE PROVISIONS TO STRUCTURES SHALL DEVELOP THE ULTIMATE TENSILE STRENGTH OF THE ATTACHED PART.
8. FOR STRUCTURES WITH CONDUCTOR AND GROUND WIRE ATTACHMENT COMBINATIONS NOT SHOWN, PROVIDE ONLY THOSE MAINTENANCE PROVISIONS WHICH APPLY TO THAT TYPE OF ATTACHMENT.

REFERENCE DRAWING

MAINTENANCE PROVISIONS - DETAILS_____43 2210

F	7-15-03 A7-DH	REVISED TITLE BLOCK ONLY.
E	10-11-02 A7-BGH	REDRAWN AND MINOR REVISIONS.

UNITED STATES DEPARTMENT OF ENERGY
WESTERN AREA POWER ADMINISTRATION
CORPORATE SERVICES OFFICE - LAKEWOOD, COLORADO

TRANSMISSION LINE STRUCTURE STANDARDS
STEEL POLE STRUCTURES
MAINTENANCE PROVISIONS - OUTLINES

DESIGNED BOBBY HAGLER _____ APPROVED DOUG HANSON _____
CIVIL ENGINEERING MANAGER

CAE	OCTOBER 11, 2002	43	2206

Feb 15, 2005- 10:07am Plotted By: Seela S:\Engineering\Standard Drawings\43\43_2206f.dwg Last Saved By: palmer IMAGES: