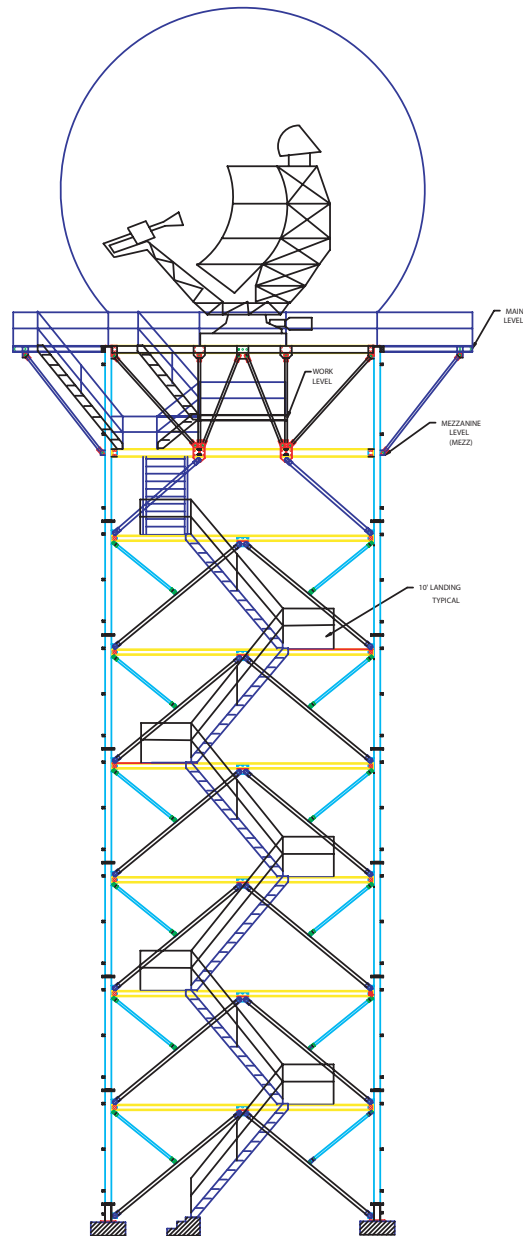


| LET | REVISION | DATE | APP'D |
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| | ELECTRONIC RESTORATION | 7/22/98 | T.S. |



TOWER ANALYSIS

THE BASIS OF THE STRUCTURAL ANALYSIS ARE THE FOLLOWING REQUIREMENTS:

1. ENVIRONMENT
 - A. 150 KNOTS WIND VELOCITY - NO ICE.
 - B. 100 KNOTS WIND VELOCITY WITH 2 IN. RADIAL ICE.
2. TOWER CONFIGURATION:
 - A. RADAR ANTENNA WITH RADOME
 - B. RADAR ANTENNA WITHOUT RADOME
3. WIND DIRECTIONS
 - A. HORIZONTAL WIND INTO FACE OF TOWER.
 - B. HORIZONTAL WIND INTO CORNER OF TOWER.
 - C. 45° UP WIND INTO FACE OF TOWER.
 - D. 45° UP WIND INTO CORNER OF TOWER.
4. SEISMIC LOAD ZONE 4.
5. TOWER HEIGHT 77 FT. PLUS RADOME.
CONSISTING OF SIX (6) 10 FT. SECTIONS AND ONE (1) 17 FT. SECTION.
6. RADOME:
 - A. ESSCO RADOME MODEL S32-83 32 FT. DIAMETER OR EQUIVALENT.
7. RADOME SUPPLIED BY RADOME MANUFACTURER.
8. SEE FOUNDATION PLANS, DRAWING NO. 9029969, FOR TOWER ORIENTATION.

| | | | |
|-----------------------------|---|--------------------------|------------------------|
| DESIGNED BY D. VAN ACKEN | SWAGER COMMUNICATIONS INC. ANGOLA, INDIANA 46703 | | |
| DRAWN BY D. SWAGER | TITLE TOWER AB-1368/F 77 FT. ELEVATION | | |
| CHECKED BY W. HOLCOMB PE | DATE 11/11/98 | CODE DESIG. NO. 98752 | DRAWING NO. 9029962 |
| SCALE NTS | SHEET 1 | | OF 1 |