



- NOTES**
1. CONCRETE SHALL DEVELOP 3000 PSI IN 28 DAYS, WITH A MAXIMUM SLUMP OF 3". MAXIMUM AGGREGATE SIZE SHALL BE 3/4". CONCRETE SHALL BE PROTECTED FROM FREEZING FOR A MINIMUM OF 7 DAYS.
 2. CONCRETE FOUNDATION BASED ON 3000 PSI VERTICAL SOIL BEARING PRESSURE AND 250 PSF LATERAL SOIL BEARING PRESSURE PER FT BELOW SURFACE.
 3. FILL SHALL BE BUILT UP IN LAYERS NOT EXCEEDING 6". EACH LAYER SHALL BE THOROUGHLY TAMPED AND COMPACTED TO 90% OF MAXIMUM DENSITY AT ASTM-A153 AND ASTM-A325.
 4. ANCHOR BOLT, NUTS AND WASHERS SHALL BE HOT DIPPED GALVANIZED PER ASTM-A153 AND ASTM-A325.
 5. SURFACE OF FOUNDATION SHALL BE LEVEL +/- 1/8".
 6. THE FAN MARKER ANTENNA ANCHOR BOLTS SHALL BE INSTALLED SO THAT ONE FACE OF THE TOWER IS PERPENDICULAR TO RUNWAY CENTERLINE EXTENDED.
 7. DO NOT OVER EXCAVATE UNLESS DIRECTED BY RESIDENT ENGINEER TO REMOVE UNSUITABLE SOIL.

- CABLE/DUCT MARKER NOTES**
1. CONCRETE SHALL BE PAINTED WITH A COMPATIBLE ORANGE PIGMENT.
 2. MARKERS SHALL BE PLACED EVERY 200' AND AT ALL CHANGES IN DIRECTION.
 3. MARKERS SHALL BE FIELD VERIFIED TO ENSURE ACCURACY PRIOR TO CASTING.

REV	DATE	DESCRIPTION	JCN	REDLINE DATE	APVD
B	08/13/2002	SPARE CONDUIT ADDED (WR*7061/sgs)	3426	08/12/2002	
A	02/14/2002	PROPOSED/WR*6940/sls	3426	01/08/2002	

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
BOSTON IMPLEMENTATION CENTER BURLINGTON, MA 01803
RUNWAY 19 (GL) FAN MARKER (FM)

DETAILS

CHITTENDEN	RUTLAND STATE AIRPORT	VT
REVIEWED BY	SUBMITTED BY	APPROVED BY
DESIGNED	DATE	ISSUED BY
DRAWN	DATE	ISSUED BY
CHECKED	DATE	ISSUED BY

ISSUED BY: P. KIRBY, ANI-180
DATE: 08/13/2002
JCN: 3426
DRAWING NO: ANI-100
NE-D-27464-C003

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