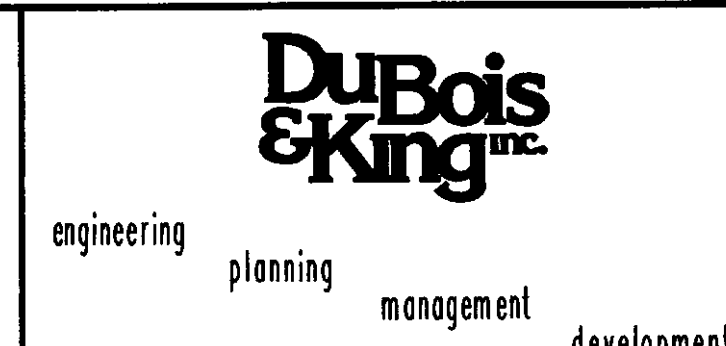


NOTES

- FOUNDATION DEPTH SHALL BE 5 FEET (MIN). THE BOTTOM OF ALL FOUNDATION EXCAVATIONS SHALL BE FREE OF WATER AND LOOSE EARTH AND SHALL BE COMPACTED TO 95% MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT AS PER AASHTO T-99, PRIOR TO INSTALLING FOUNDATIONS.
- FORM FOUNDATIONS FULL DEPTH SUCH THAT VERTICAL SURFACES ARE SMOOTH AND RESISTANT TO FROST HEAVES.
- CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE CURRENT ISSUE OF ACI-318; BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE. CONCRETE TO DEVELOP MINIMUM STRENGTH OF 3000 PSI IN 28 DAYS WITH MAXIMUM SLUMP OF 4 INCHES AND MAXIMUM AGGREGATE SIZE OF 3/4 INCH. CONCRETE SHALL BE PROTECTED FROM FREEZING DURING AND FOR 7 DAYS AFTER PLACEMENT.
- DRILL HOLES AND INSTALL EXPANSION TYPE ANCHOR BOLTS WHEN PAPI UNITS HAVE BEEN ACCURATELY LOCATED AND AFTER CONCRETE HAS HARDENED SUFFICIENTLY.
- 2" EMT LENGTH SHALL BE SET AS REQUIRED SO THAT THE BEAM CENTERS OF ALL LIGHT UNITS SHALL BE WITHIN +7/-1 INCH OF A HORIZONTAL PLANE. THIS HORIZONTAL PLANE SHALL BE 2'-0" ABOVE THE ELEVATION OF THE RUNWAY CROWN PERPENDICULAR TO THE PAPI UNITS.
- COAT THE FLANGE SURFACE RESTING ON THE CONCRETE WITH AN ASPHALTIC COMPOUND FOR METAL PROTECTION.
- WHERE REQUIRED AT PAPI FOUNDATIONS, FILL SHALL BE PLACED IN LAYERS NOT EXCEEDING 8 INCHES, EACH LAYER SHALL BE THOROUGHLY COMPACTED TO 95% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT IN ACCORDANCE WITH AASHTO-T99.
- FOLD BACK UNUSED SHIELDED PAIRS AND TAPE TO PREVENT WATER INFILTRATION; LEAVE IN THE LHA UNIT.
- WEED BARRIER COVERED WITH A 4 INCH LAYER OF 3/4" CRUSHED STONE SHALL BE PLACED IN THE AREA EXTENDING 4 FEET FROM EACH SIDE OF EACH LHA, POWER AND CONTROL STATION.
- A #6 SOLID BARE COPPER GROUND ROD SHALL RUN THROUGH ALL CONDUITS AND SHALL BE ATTACHED TO GROUND BUSHINGS AT EACH CONDUIT END AND SHALL BE ATTACHED TO GROUND LUGS IN EACH LHA.
- ALL MATERIAL AND EQUIPMENT NOT LISTED UNDER "FURNISHED MATERIAL" SHALL BE SUPPLIED BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ALL MATERIAL AND EQUIPMENT.
- ALL RIGID CONDUIT FITTINGS, NUTS, BOLTS AND STEEL WORK SHALL BE GALVANIZED, OR STAINLESS STEEL. ALL FITTINGS USED WITH RIGID CONDUIT SHALL BE THREADED TYPE.
- INSTALL GROUND RODS AT THE END OF ALL CABLE RUNS, EVERY 200' ALONG RUNS OR AS DIRECTED ON THE DRAWING.

I:\w\17151\dwg\171510008.dwg Mon Oct 15 08:06:10 2001

NO.	DATE	REVISIONS	BY	CK'D



STATE OF VERMONT AGENCY OF TRANSPORTATION		DRAWN BY MDL	DATE JULY 2001
CALEDONIA COUNTY STATE AIRPORT		CHECKED BY N17151	PROJ. NO. N17151
PAPI MOUNTING PLAN SECTIONS AND FOUNDATION DETAILS		PROJ. ENG. JAA	DRAW. NO. C171510008
SHEET 6 OF 13			