

8901 Golfers Oasis

Debra Ingram 4-7-89

8901 GOLFERS OASIS DR.

Printed Disc FEEDER CALCULATIONS SINGLE FAMILY DWELLING UNITS

Lot 16 Book B

PROJECT Mozaga ADDRESS GOLFERS OASIS

BLDG _____ FLOOR _____ APT. TYPE _____ SQ. FT. 2951

1. GENERAL LIGHTING: NEC-220.2 (b) (1)
OUTSIDE SQ. FT. 2951 X 3 W = 8853 W

2. SMALL APPLIANCES: NEC-220.16 (a), (b) (2)
MINIMUM 2 X 1,500W = 3,000 W
OR MORE 2 X 1,500W = 4,500 W
LAUNDRY 1 X 1,500W (2) = 1,500 W
TOTAL BASIC LOAD = 16353 W

DEMAND:
FIRST 3,000 W at 100%
REST 13353 W at 35%
TOTAL DEMAND BASIC LOAD = 7673 W

3. COOKING APPLIANCES: NEC-220.19 (5)
RANGE (S) 6000 W
OVEN (S) 6000 W = 12000 W

4. FIXED APPLIANCES: NEC-220.2 (c) (1)
DISHWASHER = 1500 W
DISPOSER = 800 W
COMPACTOR = 100 W
WATER HEATER x 1.25 = 4500 W (7)
OTHER (11st) (6) = _____ W
IF 4 or MORE _____ W x .75 = 4523 W

5. LAUNDRY EQUIPMENT
CLOTH DRYER = 5000 W
CLOTH WASHER = 1500 W

PLANS APPROVED - ELECTRICAL
DOES NOT INCLUDE PLUMBING OR CONSTRUCTION
MAKE NO CHANGE WITHOUT APPROVAL
APPROVAL OF PLAN IS NOT A PERMIT TO VIOLATE ANY ORDINANCE

6. HEATING/A.C. EQUIPMENT: D.S. DATE 4/4/89
ELECTRICAL DEPT-CITY OF LAS VEGAS (2)
A.C. UNITS (8) NEC-440 = 13600 W
HEATERS INCL. BLOWER NEC-424 = 12000 W

7. MOTORS: NEC-430.22, 24 (Inc. fans & pumps) = _____ W

8. MISC. EQUIPMENT NOT LISTED = _____ W

25% of LARGEST MOTOR: NEC-430.24 = 730 W

TOTAL DIVERSIFIED LOAD = 57045 W

57045 W : 230V = 248 AMP

SIZE OF FEEDER CONDUCTORS: Bu Power Co
SIZE OF GROUND ELECTR. CONDUCTOR: _____
SIZE OF MAIN DISCONNECT: 400 Amp 120/240 1P