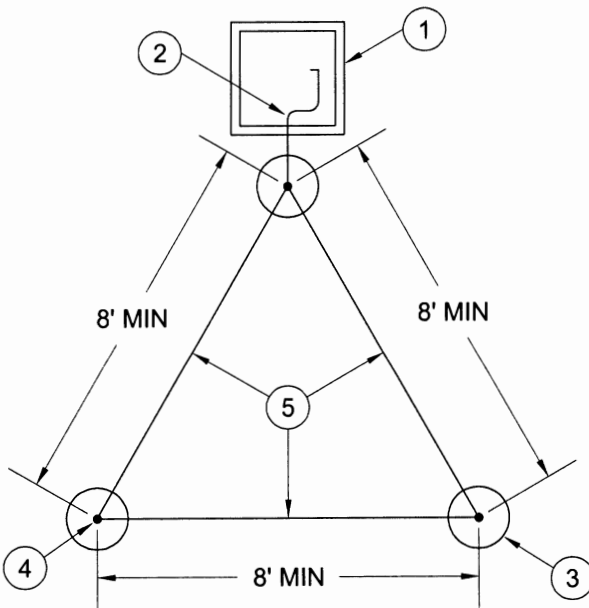


GROUND ROD ASSEMBLY

LEGEND

- ① FIELD SATELLITE OR CCU ASSEMBLY
- ② SOLID BARE COPPER WIRE (#10 AWG) FROM GROUNDING ROD TO SATELLITE OR CCU (MAKE WIRE AS SHORT AND STRAIGHT AS POSSIBLE)
- ③ COVER GROUNDING ROD WITH #10 ROUND VALVE BOX
- ④ 5/8" x 8' COPPER CLAD GROUNDING ROD; INSTALL RODS IN SOIL IN A TRIANGULAR PATTERN SPACED A MINIMUM OF 8' APART FROM EACH OTHER. GROUNDING GRID TO HAVE A RESISTANCE OF TEN (10) OHMS OR LESS
- ⑤ BARE COPPER WIRE (#10 AWG) BETWEEN GROUNDING RODS
- ⑥ GROUND ROD CLAMPS
- ⑦ FINISH GRADE
- ⑧ COMMON BRICK FOR LEVELING



GROUND ROD LAYOUT

(Not To Scale)



**PUBLIC WORKS
DEPARTMENT**



**CCU OR FIELD SATELLITE
GROUNDING GRID**

B. Grewal

BALWINDER S. GREWAL CITY ENGINEER

DATE: MAY 28, 1999

REVISED: JUNE 16, 2003

SHEET NO.

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