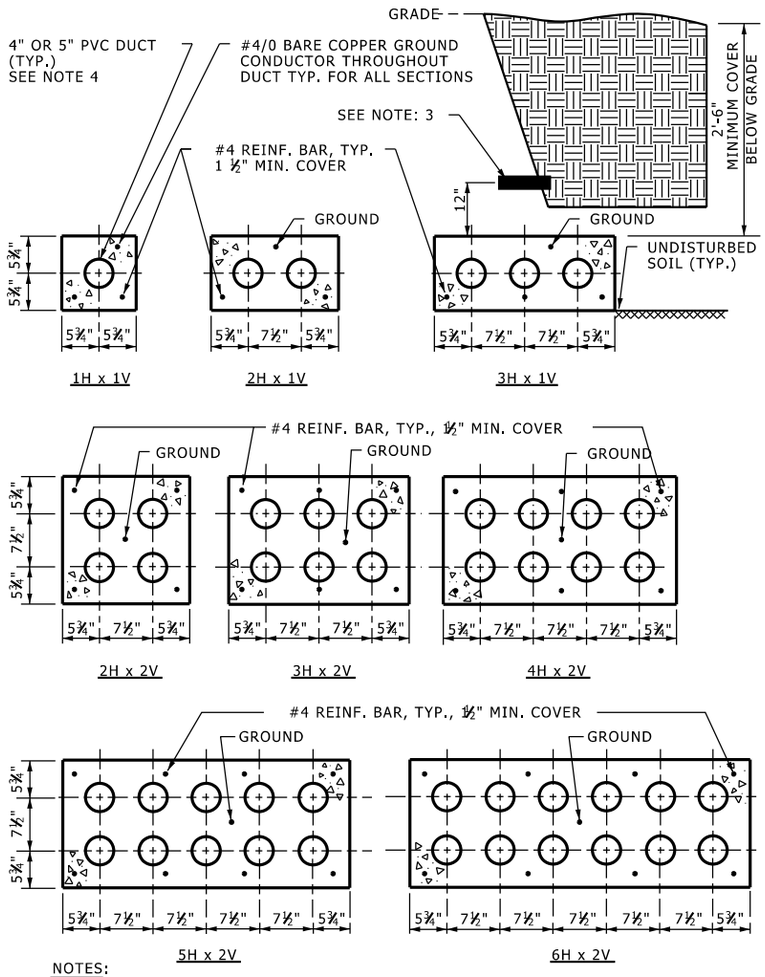

NOTES:

1. H - NUMBER OF DUCTS IN HORIZONTAL PLANE.
   V - NUMBER OF DUCTS IN VERTICAL PLANE.

2. IF 2'-6" MINIMUM COVER CAN NOT BE MAINTAINED, 2" OF ADDITIONAL CONCRETE COVER MUST BE ADDED TO THE DUCT BANK WHEN COVER IS BETWEEN 2'-0" AND 2'-5" AND 4" OF CONCRETE WHEN BETWEEN 1'-6" AND 1'-11", CONSULT UofM HIGH VOLTAGE BEFORE INSTALLING WHERE LESS THAN 1'-5" OF COVER WOULD BE PRESENT.

3. DUCT BANKS SHALL BE MARKED WITH A 6" WIDE RED PLASTIC MARKER STRIP LABELED TO INDICATE "HIGH VOLTAGE" AND PLACED IN THE BACKFILL APPROXIMATELY 12" ABOVE THE ENTIRE LENGTH OF THE DUCT BANK.

4. DUCTS ARE TYPICALLY 4". SEE PROJECT DOCUMENTS FOR ANY SPECIAL REQUIREMENTS.

5. ALL POWER DUCT BANKS HAVE #4/0 BARE COPPER GROUND CABLE, AND #4 REINFORCING BARS.

6. USE DUCT SPACERS TO HOLD DUCTS IN PLACE. NOTED SPACINGS ARE MINIMUMS. USE PRODUCTS FROM CARLON, CANTEX, OR STERLING. (TIE TOGETHER USING NON-FERROUS WIRE).

7. NO DEVIATIONS FROM THIS DESIGN DETAIL CAN BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM ONE OF THE UTILITIES AND PLANT ENGINEERING ELECTRICAL ENGINEERS.

UNDERGROUND POWER DUCT SECTIONS

NO SCALE

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