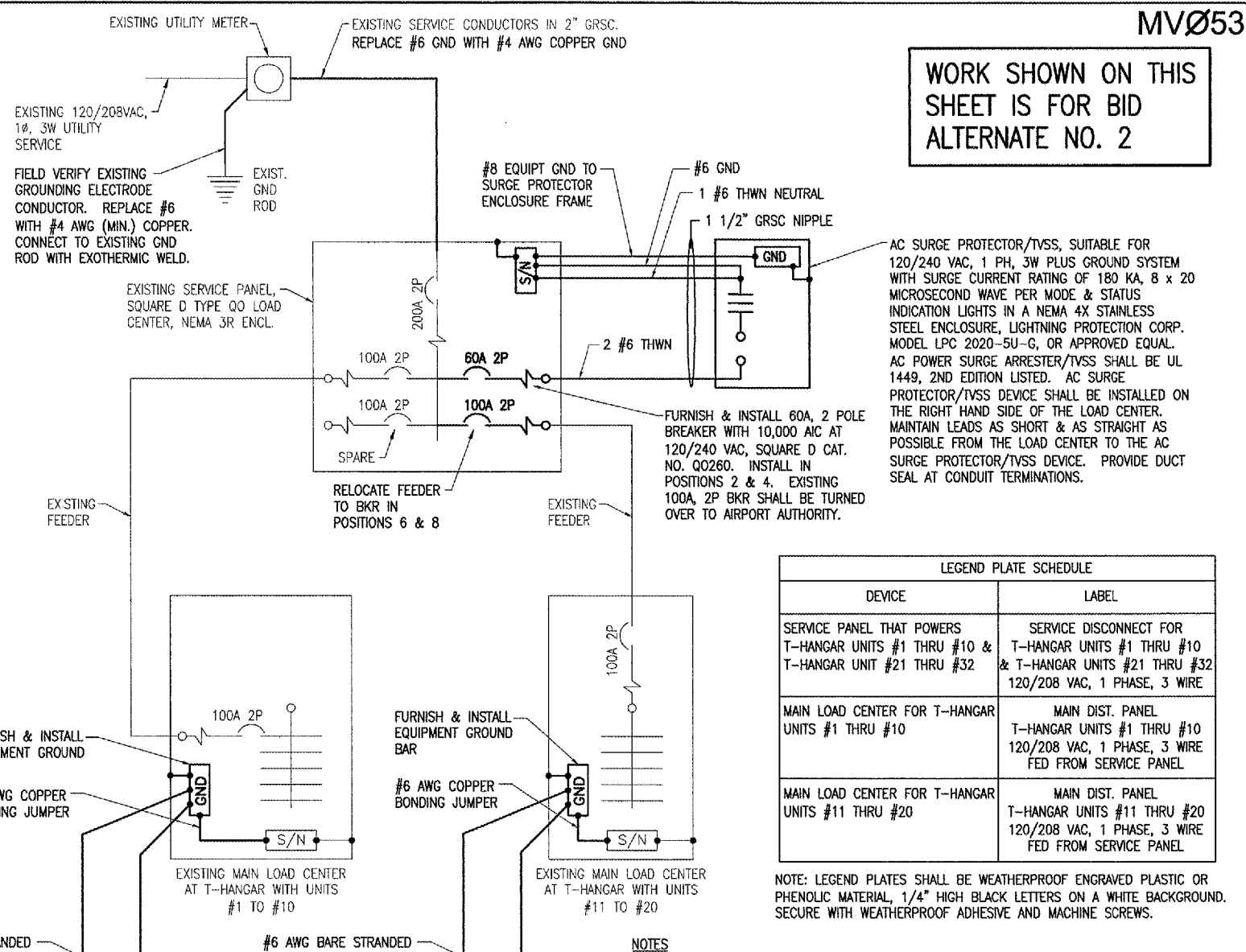


NOTE
 EXISTING LOAD CENTERS WERE OBSERVED TO CONTAIN WASP NESTS DURING FIELD SURVEYS. USE CAUTION WHEN WORKING IN THESE PANELS.

**EXISTING ELECTRICAL ONE LINE DIAGRAM
 SERVICE FOR T-HANGARS #1 - #10 & #11 - #20**



WORK SHOWN ON THIS SHEET IS FOR BID ALTERNATE NO. 2

MVØ53

LEGEND PLATE SCHEDULE	
DEVICE	LABEL
SERVICE PANEL THAT POWERS T-HANGAR UNITS #1 THRU #10 & T-HANGAR UNIT #21 THRU #32	SERVICE DISCONNECT FOR T-HANGAR UNITS #1 THRU #10 & T-HANGAR UNITS #21 THRU #32 120/208 VAC, 1 PHASE, 3 WIRE
MAIN LOAD CENTER FOR T-HANGAR UNITS #1 THRU #10	MAIN DIST. PANEL T-HANGAR UNITS #1 THRU #10 120/208 VAC, 1 PHASE, 3 WIRE FED FROM SERVICE PANEL
MAIN LOAD CENTER FOR T-HANGAR UNITS #11 THRU #20	MAIN DIST. PANEL T-HANGAR UNITS #11 THRU #20 120/208 VAC, 1 PHASE, 3 WIRE FED FROM SERVICE PANEL

NOTE: LEGEND PLATES SHALL BE WEATHERPROOF ENGRAVED PLASTIC OR PHENOLIC MATERIAL, 1/4" HIGH BLACK LETTERS ON A WHITE BACKGROUND. SECURE WITH WEATHERPROOF ADHESIVE AND MACHINE SCREWS.

- NOTES**
- ALL WORK AND/OR POWER OUTAGES SHALL BE COORDINATED WITH THE AIRPORT MANAGER AND THE RESIDENT ENGINEER.
 - CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS & REPORT ANY VARIATIONS TO RESIDENT ENGINEER.
 - ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN CONFORMANCE WITH NFPA 70 (NEC MOST CURRENT ISSUE IN FORCE), THE RESPECTIVE EQUIPMENT MANUFACTURER'S DIRECTIONS AND ALL OTHER APPLICABLE LOCAL CODES, LAWS, ORDINANCES AND REQUIREMENTS IN FORCE. ANY INSTALLATIONS WHICH VOID THE U.L. LISTING, ETL LISTING, (OR OTHER THIRD PARTY LISTING) AND/OR THE MANUFACTURER'S WARRANTY OF A DEVICE SHALL NOT BE PERMITTED.
 - ALL EQUIPMENT NOT LABELED AS EXISTING IS NEW.
 - INSULATED GROUND WIRES SHALL HAVE GREEN COLORED INSULATION FOR ALL CONDUCTOR AWG (SIZES).
 - WORK SHOWN ON THIS SHEET SHALL BE PAID FOR UNDER ITEM AT109200.
 - PER NEC 513 THE ENTIRE AREA OF THE HANGAR INCLUDING ANY ADJACENT AND COMMUNICATING AREAS NOT SUITABLE CUT OFF FROM THE HANGAR, SHALL BE CLASSIFIED AS A CLASS 1, DIVISION 2 HAZARDOUS LOCATION UP TO A LEVEL 18 INCHES ABOVE THE FLOOR. AREAS IN THE VICINITY OF AIRCRAFT ARE ALSO CLASSIFIED AS HAZARDOUS AS DEFINED BY NEC 513. ALL ELECTRICAL INSTALLATIONS IN CLASSIFIED HAZARDOUS LOCATIONS SHALL BE AVOIDED UNLESS SPECIFICALLY APPROVED FOR SUCH LOCATIONS AND INSTALLED IN CONFORMANCE WITH NEC 500, 501, AND 513 AS WELL AS ANY OTHER APPLICABLE CODES AND REQUIREMENTS.
 - PROVIDE 5' LONG BY 4' WIDE BY 6" THICK CONCRETE PAD IN FRONT OF EXISTING SERVICE ENTRANCE STRUCTURE.
 - FURNISH & INSTALL A WEATHERPROOF WARNING LABEL FOR EACH METER SOCKET, SERVICE DISCONNECT, PANELBOARD & LOAD CENTER (NEW & EXISTING) TO WARN PERSONS OF POTENTIAL ELECTRIC ARC FLASH HAZARDS, PER THE REQUIREMENTS OF NEC 110.16 "FLASH PROTECTION". LABELS SHALL BE HAZARD COMMUNICATION SYSTEMS, LLC (190 OLD MILFORD RD., P.O. BOX 1174, MILFORD, PA 18337 PHONE: 1-877-748-0244) PART NO. H6010-9VWHBJ OR APPROVED EQUAL.

**NEW ELECTRICAL ONE LINE DIAGRAM
 SERVICE FOR T-HANGARS #1 - #10 & #11 - #20**

REVISION BY DATE

DATE

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS

IL PROJ.: MW-XXXX A.I.P. PROJ.: 3-17-00XX-XX

REV. PROJECT NO. 819-05RWYD_0800
 Filename: E-602.DWG
 Scale: NONE
 Date:

LAYOUT	KNL	12/13/04
DRAWN	MY	12/13/04
REVIEWED	CAH	01/14/05

HANSON
 Hanson Professional Services Inc.
 1000 S. Main St.
 Springfield, Illinois 62703-2886
 Offices Nationwide

REHABILITATE
 RUNWAY 5-23
 ELECTRICAL ONE LINE
 FOR OLD T-HANGARS

24
 24 of 27 sheets