

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

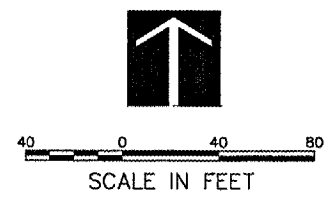
CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.

KEYED NOTES

- 1 UNDERGROUND ELECTRIC UTILITY PRIMARY (BY SERVING ELECTRIC UTILITY).
- 2 NEW 4" SCHED 40 PVC DUCT INSTALLED BELOW SIDE WALK, FOR ELECTRIC UTILITY USE TO ACCOMMODATE INSTALLATION OF UTILITY PRIMARY CONDUCTORS. (AR110014)
- 3 NEW CONCRETE UTILITY PAD, PAID UNDER ITEM AR110600. (TRANSFORMER WITH 120/240 VAC, 1 PHASE, 3 WIRE SECONDARY BY UTILITY).
- 4 NEW 2-WAY 3" CONCRETE ENCASED DUCT (AR110502) WITH NEW SERVICE CONDUCTORS (AR109200) TO VAULT. SEE "NEW VAULT ELECTRICAL ONE LINE DIAGRAM."
- 5 NEW 3" SCHED 40 PVC DUCT INSTALLED BY DIRECTIONAL BORING METHOD, FOR NEW SERVICE TO SHOP HANGAR. COORDINATE INSTALLATION OF DUCT TO RESPECTIVE HANDHOLE AND/OR UTILITY XFMR WITH SERVING ELECTRIC UTILITY. EXTEND 3" SCHED 40 PVC DUCT TO NEW SERVICE PANEL FOR SHOP HANGAR, & INSTALL SERVICE CONDUCTORS. (AR800990)
- 6 NEW SERVICE PANEL FOR SHOP HANGAR. SEE "NEW ELECTRICAL ONE LINE DIAGRAM FOR SHOP HANGAR". (AR109924)
- 7 NEW LOW VOLTAGE HANDHOLE (AR110610). FURNISH & INSTALL 4-4" GRSC FROM HANDHOLE TO LOW VOLTAGE WIREWAY IN THE VAULT. INSTALL CIRCUITS FOR AIRPORT ROTATING BEACON, AIRPORT ENTRANCE SIGN, WIND TEE, & RWY 26 PAPI IN NO MORE THAN 2 CONDUITS AND DESIGNATE THE OTHERS AS SPARES. (AR109200)
- 8 NEW HIGH VOLTAGE HANDHOLE (AR110610). FURNISH & INSTALL 4-4" GRSC FROM HANDHOLE TO HIGH VOLTAGE PULL BOX IN THE VAULT. INSTALL HOMERUN CIRCUITS FOR RWY 8-26 & RWY 12-30 LIGHTING IN 2 CONDUITS AND DESIGNATE THE OTHERS AS SPARES. (AR109200)
- 9 NEW 2/C #8 5KV L-824 TYPE C CABLE IN UNIT DUCT (RWY LIGHTING HOME RUN CKT) (AR108258)
- 10 NEW 4" DIRECTIONAL BORE DUCT (AR110014)
- 11 NEW 3/C #6 XLP-USE, 600V UG CABLE IN UNIT DUCT (AR108656)
- 12 NEW HIGH VOLTAGE HANDHOLE (AR110610). INTERCEPT EXISTING HOMERUN CIRCUITS FOR RWY 8-26 & RWY 12-30 LIGHTING, SPLICE IN HANDHOLE, & REROUTE TO NEW VAULT.
- 13 LOCATE EXISTING RWY 26 PAPI CABLES AND REROUTE TO NEW LOW VOLTAGE HANDHOLE. SPLICE EXISTING CONDUCTORS TO NEW #4 AWG XLP-USE & EXTEND TO VAULT. (AR109200)
- 14 NEW FUEL FARM CABLES IN 2" GRSC FROM SERVICE PANEL FOR SHOP HANGAR TO EXISTING HANDHOLE. SPLICE TO EXISTING CABLES IN HANDHOLE. (AR109924)
- 15 NEW 200 AMP, 240 VAC, 2P FUSIBLE SAFETY SWITCH IN A NEMA 3R & 12 ENCLOSURE FOR FESTIVAL POWER. LOCATE ON SOUTH SIDE OF EAST WALL. (AR109924)

NOTES

- 1. COORDINATE ELECTRIC SERVICE WORK WITH THE SERVING ELECTRIC UTILITY COMPANY:
COM ED
ATTN. MR. MARK APPLEQUIST
919 WEST FIRST ST.
DIXON, IL 61021
PHONE: 815-284-5871
FAX: 815-284-5840
- 2. HIGH VOLTAGE AND LOW VOLTAGE CABLES SHALL NOT BE INSTALLED IN THE SAME HANDHOLE, WIREWAY, OR DUCT.



LEGEND

- X EXISTING FENCE
- G EXISTING GAS
- T EXISTING TELEPHONE
- E EXISTING ELECTRICAL
- UGE EXISTING ELECTRIC UTILITY PRIMARY
- W EXISTING WATER
- SS EXISTING SANITARY SEWER
- EC EXISTING CONCRETE ENCASED DUCT
- HH EXISTING ELECTRICAL HANDHOLE
- T EXISTING TELEPHONE PEDISTAL OR JUNCTION POINT
- PROPOSED 2/C #8 FAA L-824 5KV UG CABLE IN UD
- PROPOSED 3/C #6 XLP USE 600V UG CABLE IN UD
- PROPOSED ELECTRICAL CABLE IN CONDUIT. SEE PLAN FOR SIZE & TYPE
- PROPOSED ELECTRICAL HANDHOLE
- PROPOSED DUCT

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Date
JUNE 23, 2006
Sheet Title

PROPOSED ELECTRICAL SITE PLAN

843-05C8010
Project Number
KNL 05/19/06
Layout By Date
KNL 05/19/06
Designed By Date
RMH 06/23/06
Reviewed By Date
MV
Drawn By
E4
SHEET 18 OF 36
Sheet No.