KE008

MATCHLINE STA. 252+00

FOR CONTINUATION OF HOMERUN CABLES SEE SHEET NO. 25.

RUNWAY 1-19 LTG HOMERUN CABLES

RUNWAY 9-27 LTG HOMERUN CABLES FOR CONTINUATION SEE SHEET NO. 9

PROPOSED 2-4" DIRECTIONAL BORE DUCT, 100 L.F. (AR110014). LEAVE ONE DUCT EMPTY FOR SPARE.

PROPOSED HIGH VOLTAGE HANDHOLE (AR110610)

HOMERUN CABLES FOR RUNWAY 9-27, RUNWAY 1-19, & TAXIWAY LIGHTING (AR108158)

EXISTING FENCE

INSTALL DUCT BELOW UNDER DRAIN AT CROSSING

NOTE UNIT DUCT MAY BE OMITTED FOR HOMERUN CABLES INSTALLED IN DUCT

NOTE:
ABANDONMENT AND/OR REMOVAL OF EXISTING CABLES SHALL BE INCIDENTAL TO THE RESPECTIVE REPLACEMENT CABLE PAY ITEM.

EXISTING VAULT TO BE REMOVED (AR109901)

TAXIWAY LTG HOMERUN CABLES

TAXIWAY "A"

EXISTING RUNWAY 1-19 HOMERUN CABLES TO BE ABANDONED IN PLACE UP TO HH#3 & REMOVED THEREAFTER TO EXISTING VAULT.

PROPOSED 3-WAY 4" CONCRETE ENCASED DUCT, 216 L.F. (AR110503)

T-HANGAR B

T-HANGAR A

PROPOSED ELECTRICAL VAULT (AR109100, AR109200)

SERVICE CONDUCTORS IN 4" GRSC & 4" GRSC SPARE (AR109200)

PROPOSED ELECTRIC UTILITY TRANSFORMER

UTILITY PRIMARY IN 3" SCHED 40 PVC & 3" SCHED 40 PVC SPARE (AR109200)

PROPOSED 4-WAY 4" CONCRETE ENCASED DUCT, 66 L.F. (AR110504) INSTALL BELOW UNDER DRAIN AT CROSSING

ELECTRIC UTILITY PRIMARY

PROPOSED 3-4" DIRECTIONAL BORE DUCT UNDER EXISTING WALK, 30 L.F. (AR110014)

7+00 8+00 9+00 10+00 11+00 12+00

MATCHLINE STA. 12+00

TAXIWAY "B"

INSTALL CABLES IN TURF AREA

EXISTING SERVICE METER PEDESTAL FOR EXIST. VAULT TO BE REMOVED (AR109901)

2/C #4 XLP-USE 600V UG CABLE IN UD FOR PLASI'S, 920 L.F. (AR108554). SPLICE NEW CABLE TO EXISTING HOMERUN CABLES IN EXIST. HH #2

EXISTING RWY 9-27 HOMERUN CABLES TO BE ABANDONED IN PLACE UP TO HANDHOLE #3, AND REMOVED THEREAFTER TO EXISTING VAULT.

APRON

EXIST RWY 27 PLASI CKT

EXIST. RWY 9 PLASI CKT

PROPOSED LOW VOLTAGE HANDHOLE (AR110610)

4/C #6 XLP-USE 600V UG CABLE IN UD TO AIRPORT ROTATING BEACON, 310 L.F. (AR800590)

EXIST. WALK

PROPOSED LOW VOLTAGE HANDHOLE (AR110610)

PROPOSED 4-4" DIRECTIONAL BORE DUCT, 200 L.F. TERMINATE IN EACH ELECTRICAL HANDHOLE. (AR110014)

EXIST. HH #2 (LOW VOLTAGE). ALL HIGH VOLTAGE HOMERUN CKTS SHALL BE REMOVED FROM LOW VOLTAGE DUCT SYSTEM & REROUTED THRU HIGH VOLTAGE HANDHOLE TO VAULT. REMOVE EXISTING WIND-TEE CIRCUIT CABLES UPON INSTALLATION OF REPLACEMENT CABLES.

REPLACE EXISTING CABLE WITH NEW CABLE BETWEEN TAXIWAY LTS T1-1 & T1-34.

PROPOSED WIND CONE (AR107812)

EXISTING WIND TEE

EXISTING 4-WAY DUCT BANK

3/C #6 XLP-USE 600V CABLE IN UD FROM VAULT TO PROPOSED WIND CONE & ON TO WIND-TEE, 870 L.F. (AR108656)

PROPOSED 1-4" DIRECTIONAL BORE DUCT UNDER SIDEWALK, 10 L.F. (AR110014)

37/C #12 600V CONTROL CABLE IN UD TO L-821 PANEL, 560 L.F. (AR108800)

TERMINAL

CONNECT NEW CABLE BETWEEN LIGHTS TO ACCOMMODATE REROUTING OF TXY HOMERUN. REMOVE EXISTING TXY HOMERUN CABLES FROM HH#3 TO THE EXIST. VAULT.

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.

LEGEND

- EXISTING PAVEMENT
- EXISTING BUILDINGS
- EXISTING ELECTRICAL CABLES
- EXISTING ELECTRICAL DUCT
- G — EXISTING GAS LINE
- W — EXISTING WATER LINE
- X — EXISTING FENCE
- T — EXISTING TELEPHONE LINE
- UD — EXISTING UNDERDRAIN
- SS — EXISTING SANITARY SEWER
- PROPOSED IMPROVEMENTS
- PROPOSED ELECTRICAL DUCT
- ET EXISTING ELECTRICAL TRANSFORMER
- EXISTING ELECTRICAL PEDESTAL
- DM EXISTING DUCT MARKERS
- CM EXISTING CABLE MARKERS
- EXISTING ROTATING BEACON
- HH EXISTING ELECTRICAL HANDHOLE
- EXISTING STAKE MOUNTED TAXIWAY LIGHT
- EXISTING BASE MOUNTED TAXIWAY LIGHT
- PROPOSED WIND CONE
- EXISTING WIND TEE
- EXISTING INLET
- PROPOSED ELECTRICAL VAULT
- HH PROPOSED ELECTRICAL HANDHOLE
- ET PROPOSED ELECTRICAL TRANSFORMER
- PROPOSED 1/C #8 5KV UG CABLE IN UD
- PROPOSED 37/C #12 600V CONTROL CABLE IN UD
- PROPOSED 2/C #4 XLP-USE 600V UG CABLE IN UD
- PROPOSED 3/C #6 XLP-USE 600V UG CABLE IN UD
- PROPOSED 4/C #6 XLP-USE 600V UG CABLE IN UD

0' 15' 30' 60'
HALF SIZE SCALE: 1"= 60'
FULL SIZE SCALE: 1"= 30'

DATE	REVISION	BY

KEWANEE MUNICIPAL AIRPORT
KEWANEE, HENRY COUNTY, ILLINOIS

IL PROJ.: EZI-3586 A.I.P. PROJ.: 3-17-0058-812

HSI Project No. 810-06VLTD
Filename R-102SIT.DWG
Scale 1"=30'
Date 04/28/06

LAYOUT	R.A.W.	08/15/05
DRAWN	B.A.K.	08/15/05
REVIEWED	L.D.P.	01/17/06

HANSON
Hanson Professional Services Inc.
3125 Depot Trail, Suite 100
Indianapolis, Indiana 46214
Offices Nationwide

CONSTRUCT VAULT

PROPOSED VAULT SITE PLAN

7

7 of 27 sheets

I:\AIRPORTS\KEWANEE\810-06VLTD\ELECTRICAL\SPLEETS\R-102SIT.DWG - PROPOSED VAULT SITE