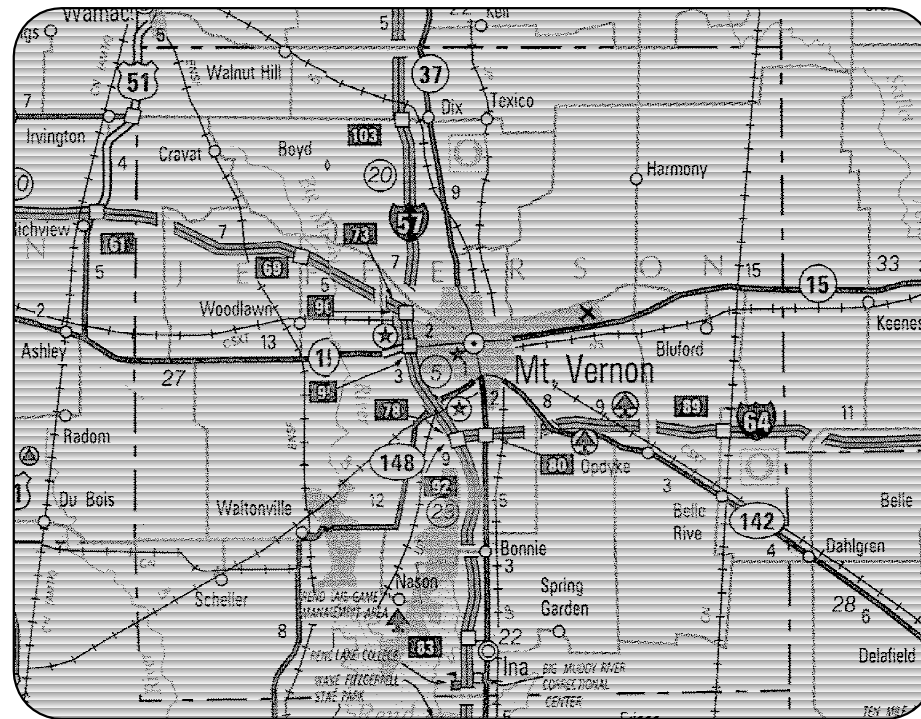


CONSTRUCTION PLANS FOR MT. VERNON AIRPORT MT. VERNON, JEFFERSON COUNTY, ILLINOIS REPLACE PERIMETER FENCE

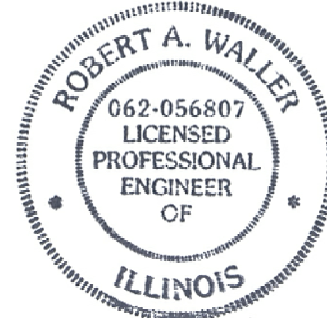
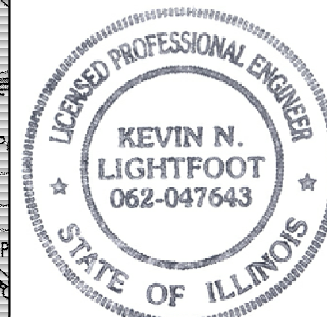
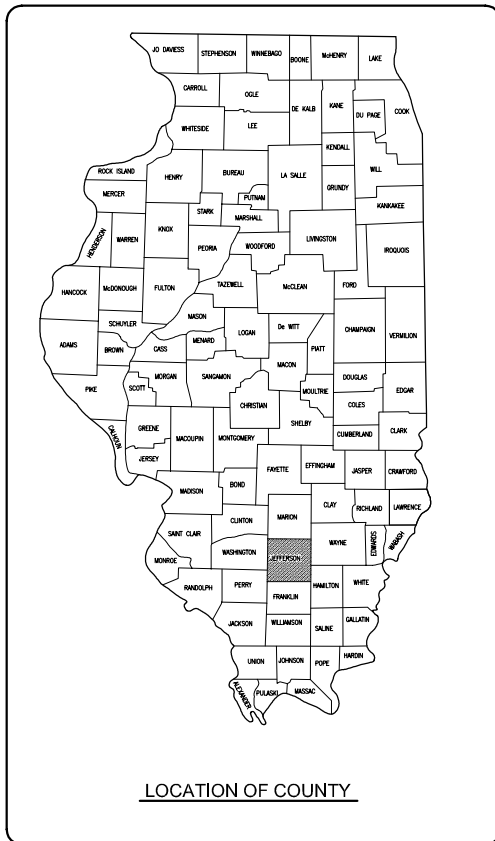
SCOPE OF WORK

THE PROJECT SCOPE CONSISTS OF REMOVING THE EXISTING CLASS C AND E PERIMETER FENCE AND INSTALLING NEW 10 FOOT CLASS E FENCE WITH THREE STRANDS OF BARB WIRE AROUND THE AIRPORT PERIMETER. THE PROJECT SHALL ALSO INCLUDE REMOVAL AND REPLACEMENT OF EACH OF THE ASSOCIATED GATES WHICH SHALL INCLUDE PEDESTRIAN GATES, MANUAL SLIDE GATES, ELECTRIC SLIDE GATES, AND EACH RESPECTIVE OPERATOR INCLUDING THE ASSOCIATED ELECTRICAL IMPROVEMENTS.



LOCATION

ILL. PROJ.: MVN-4007
A.I.P. PROJ.: 3-17-0074-B22
LATITUDE: 38° 19' 24"
LONGITUDE: 88° 51' 30"
ELEVATION: 480.0' M.S.L.
DATE: APRIL 16, 2010



COVERING ELECTRICAL DESIGN

HANSON
Hanson Professional Services Inc.
ELECTRICAL ENGINEER

Submitted by: *Kevin N. Lightfoot* ENG'R
Date Submitted: **APRIL 16, 2010**
Lic. Exp. Date: **NOVEMBER 30, 2011**

HANSON
Hanson Professional Services Inc.

Submitted by: *R.A. Waller* ENG'R
Date Submitted: **APRIL 16, 2010**
Lic. Exp. Date: **NOVEMBER 30, 2011**

| REVISION | DATE |
|----------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

MT. VERNON AIRPORT
HANSON
MT. VERNON, ILLINOIS
A.I.P. PROJ.: MVN-4007
IL. PROJ.: 3-17-0074-B22

| | | | |
|--------------------------|-----------------------|-----------|---------------|
| ILL. Project No. 1040004 | FILENAME R-001CVR.DWG | Scale N/A | Date 04/16/10 |
| LAYOUT MLH | 03/18/10 | MLH | 03/18/10 |
| DRAWN MLH | 03/18/10 | RAW/KNL | 03/19/10 |
| REVIEWED | | | |

HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Ph: (217) 788-2450 Fax: (217) 788-2503
www.hanson-inc.com
Offices Nationwide

REPLACE PERIMETER FENCE

COVER SHEET

APR 28, 2010 3:57 PM HARR01115
I:\AIRPORTS\MTVERNON\1040004\CADD\AIRPORT\SHEET\R-001CVR.DWG

REVISION

DATE

SUMMARY OF QUANTITIES

| ITEM NO. | DESCRIPTION | UNIT | TOTAL QUANTITIES | AS BUILT QUANTITIES |
|----------|-------------------------------|------|------------------|---------------------|
| AR150510 | ENGINEER'S FIELD OFFICE | L.S. | 1 | |
| AR162212 | CLASS E MANUAL SLIDE GATE-12' | EACH | 1 | |
| AR162216 | CLASS E MANUAL SLIDE GATE-16' | EACH | 1 | |
| AR162220 | CLASS E MANUAL SLIDE GATE-20' | EACH | 3 | |
| AR162224 | CLASS E MANUAL SLIDE GATE-24' | EACH | 1 | |
| AR162230 | CLASS E MANUAL SLIDE GATE-30' | EACH | 3 | |
| AR162510 | CLASS E FENCE 10' | L.F. | 26,089 | |
| AR162605 | CLASS E GATE-5' | EACH | 5 | |
| AR162606 | CLASS E GATE-6' | EACH | 2 | |
| AR162610 | CLASS E GATE-10' | EACH | 1 | |
| AR162718 | ELECTRIC GATE-18' | EACH | 1 | |
| AR162720 | ELECTRIC GATE-20' | EACH | 1 | |
| AR162724 | ELECTRIC GATE-24' | EACH | 3 | |
| AR161900 | REMOVE CLASS C FENCE | L.F. | 1,354 | |
| AR161910 | REMOVE CLASS C GATE | EACH | 1 | |
| AR162900 | REMOVE CLASS E FENCE | L.F. | 19,446 | |
| AR162905 | REMOVE GATE | EACH | 7 | |
| AR162908 | REMOVE ELECTRIC GATE | EACH | 5 | |
| AR162910 | REMOVE CLASS E GATE | EACH | 7 | |
| AR800499 | CLASS E FENCE 10', FRANGIBLE | L.F. | 1583 | |

NOTE: PAYMENT WILL BE MADE UNDER THE ITEM NUMBERS, DESCRIPTIONS, AND UNITS NOTED IN THE ABOVE TABLE IN ACCORDANCE WITH THE BASIS OF PAYMENT FOR EACH RESPECTIVE WORK ITEM COMPLETED AND ACCEPTED BY THE ENGINEER.

INDEX TO SHEETS

| SHEET NO. | DESCRIPTION |
|-----------|--|
| 1 | COVER SHEET |
| 2 | SUMMARY OF QUANTITIES AND INDEX TO SHEETS |
| 3 | PROPOSED SAFETY PLAN |
| 4 | EXISTING FENCE REMOVAL PLAN OVERVIEW AND LEGEND TO SHEETS |
| 5 | EXISTING FENCE REMOVAL PLAN SHEET 1 |
| 6 | EXISTING FENCE REMOVAL PLAN SHEET 2 |
| 7 | EXISTING FENCE REMOVAL PLAN SHEET 3 |
| 8 | EXISTING FENCE REMOVAL PLAN SHEET 4 |
| 9 | EXISTING FENCE REMOVAL PLAN SHEET 5 |
| 10 | PROPOSED FENCING PLAN OVERVIEW AND LEGEND TO SHEETS |
| 11 | PROPOSED FENCING PLAN SHEET 1 |
| 12 | PROPOSED FENCING PLAN SHEET 2 |
| 13 | PROPOSED FENCING PLAN SHEET 3 |
| 14 | PROPOSED FENCING PLAN SHEET 4 |
| 15 | PROPOSED FENCING PLAN SHEET 5 |
| 16 | PROPOSED FENCING PLAN SHEET 6 |
| 17 | PROPOSED FENCING PLAN SHEET 7 |
| 18 | PROPOSED TERMINAL AREA FENCING PLAN SHEET 1 |
| 19 | PROPOSED TERMINAL AREA FENCING PLAN SHEET 2 |
| 20 | PROPOSED TERMINAL AREA FENCING PLAN SHEET 3 |
| 21 | PROPOSED FENCE DETAILS 1 |
| 22 | PROPOSED FENCE DETAILS 2 |
| 23 | ELECTRICAL LEGEND AND ABBREVIATIONS |
| 24 | GATE 1 PROPOSED ELECTRICAL SITE PLAN |
| 25 | GATE 1 ELECTRICAL ONE LINE |
| 26 | GATES 2 & 3 PROPOSED ELECTRICAL SITE PLAN |
| 27 | GATE 2 ELECTRICAL ONE LINE |
| 28 | GATE 3 ELECTRICAL ONE LINE |
| 29 | GATE 7 PROPOSED ELECTRICAL SITE PLAN |
| 30 | GATE 7 ELECTRICAL ONE LINE |
| 31 | PROPOSED ELECTRIC SLIDE GATE DETAILS GATES 1, 2, 3, & 7 |
| 32 | GATE 9 PROPOSED ELECTRICAL SITE PLAN |
| 33 | GATE 9 ELECTRICAL ONE LINE |
| 34 | PROPOSED ELECTRIC SLIDE GATE DETAILS GATE 9 (FIRE STATION) |
| 35 | CARD READER, BOLLARD & GATE OPERATOR DETAILS |



MT. VERNON AIRPORT
 MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 IL PROJ.: MVN-4007

| | |
|-------------|------------------|
| Project No. | 10A0004 |
| Filename | R-002FLP.DWG |
| Scale | N/A |
| Date | 04/16/10 |
| LAYOUT | MLH 03/18/10 |
| DRAWN | MLH 03/18/10 |
| REVIEWED | RAW/KNL 03/19/10 |

HANSON
 © Copyright Hanson Professional Services Inc. 2010
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Pht: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

REPLACE PERIMETER FENCE
 SUMMARY OF QUANTITIES AND INDEX TO SHEETS

SCOPE OF WORK

THE PROJECT SCOPE CONSISTS OF REMOVING THE EXISTING CLASS C AND E PERIMETER FENCE AND INSTALLING NEW 10 FOOT CLASS E FENCE WITH THREE STRANDS OF BARB WIRE AROUND THE AIRPORT PERIMETER. THE PROJECT SHALL ALSO INCLUDE REMOVAL AND REPLACEMENT OF EACH OF THE ASSOCIATED GATES WHICH SHALL INCLUDE PEDESTRIAN GATES, MANUAL SLIDE GATES, ELECTRIC SLIDE GATES, AND EACH RESPECTIVE OPERATOR INCLUDING THE ASSOCIATED ELECTRICAL IMPROVEMENTS.

AIRPORT SECURITY NOTE

AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR WILL CLOSE AND LOCK THE EXISTING GATE IN THE HAUL ROUTE AT THE END OF EACH WORKING DAY.

HEIGHT OF CONSTRUCTION EQUIPMENT

THE MAXIMUM ANTICIPATED HEIGHT OF THE CONSTRUCTION EQUIPMENT WILL BE 15 FEET. THE TALLEST EQUIPMENT IS EXPECTED TO BE A CONCRETE TRUCK.

EQUIPMENT PARKING AND STORAGE AREA

THE CONTRACTOR WILL USE THE DESIGNATED EQUIPMENT PARKING AND STORAGE AREAS AS SHOWN. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE PROPOSED EQUIPMENT PARKING AND STORAGE AREAS THROUGHOUT THE COURSE OF THE PROJECT. ANY AREAS DAMAGED OUTSIDE OF THESE AREAS WILL BE REPAIRED BY THE CONTRACTOR AND AT THE CONTRACTOR'S OWN EXPENSE. AT THE CONCLUSION OF THE PROJECT THE CONTRACTOR WILL RESTORE THE EQUIPMENT PARKING AND STORAGE AREAS TO THEIR ORIGINAL STATE. RESTORATION OF THE EQUIPMENT PARKING AND STORAGE AREAS WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

UTILITY NOTE

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. 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 OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT. ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. **CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123.** CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

J.U.L.I.E. INFORMATION

COUNTY _____ JEFFERSON
 CITY _____ MT. VERNON
 TOWNSHIP _____ MT. VERNON
 SECTION NO. _____ 22, 23, 26 & 27
 ADDRESS _____ MT. VERNON AIRPORT AUTHORITY
 R.R. #4
 MT. VERNON, ILLINOIS 62864

CRITICAL POINT DATA

- NO. 1
 LATITUDE: 38° 19' 17.9349"
 LONGITUDE: 88° 51' 49.4350"
 ELEVATION: 470' M.S.L.
- NO. 2
 LATITUDE: 38° 19' 00.7213"
 LONGITUDE: 88° 51' 56.7339"
 ELEVATION: 459' M.S.L.
- NO. 3
 LATITUDE: 38° 19' 40.8018"
 LONGITUDE: 88° 50' 52.9747"
 ELEVATION: 454' M.S.L.
- NO. 4
 LATITUDE: 38° 19' 44.0033"
 LONGITUDE: 88° 51' 12.4799"
 ELEVATION: 484' M.S.L.
- NO. 5
 LATITUDE: 38° 19' 37.7989"
 LONGITUDE: 88° 51' 32.7210"
 ELEVATION: 471' M.S.L.
- NO. 6
 LATITUDE: 38° 19' 33.4769"
 LONGITUDE: 88° 51' 49.3114"
 ELEVATION: 497' M.S.L.
- NO. 7
 LATITUDE: 38° 19' 05.0109"
 LONGITUDE: 88° 51' 32.8813"
 ELEVATION: 455' M.S.L.

LEGEND

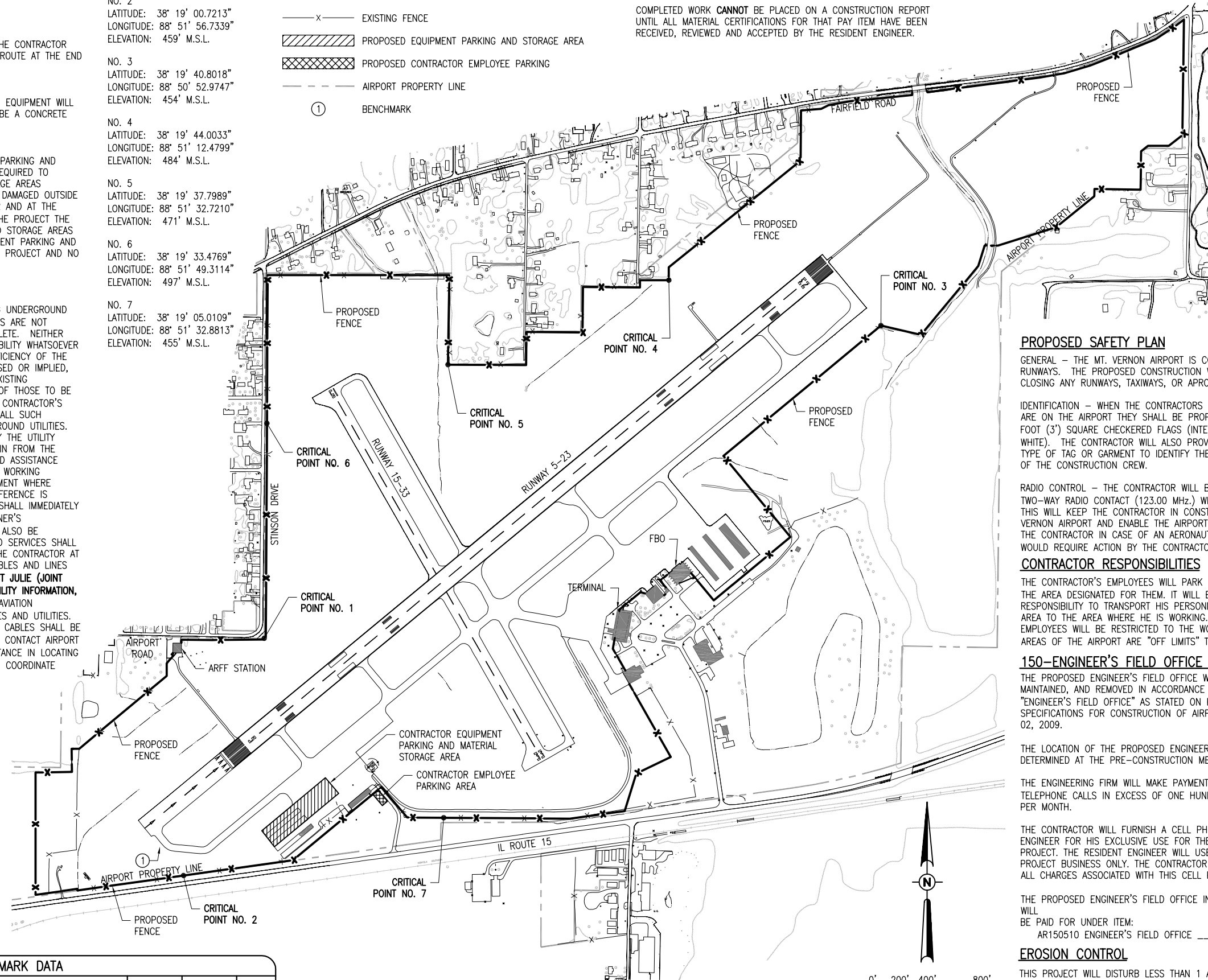
- EXISTING PAVEMENT
- EXISTING AIRPORT BUILDINGS
- PROPOSED FENCE
- EXISTING FENCE
- PROPOSED EQUIPMENT PARKING AND STORAGE AREA
- PROPOSED CONTRACTOR EMPLOYEE PARKING
- AIRPORT PROPERTY LINE
- BENCHMARK

CERTIFIED PAYROLLS

THE RESIDENT ENGINEER CANNOT FORWARD CONSTRUCTION REPORTS TO THE ILLINOIS DIVISION OF AERONAUTICS FOR PROCESSING UNTIL ALL CERTIFIED PAYROLLS FOR THE PERIOD HAVE BEEN RECEIVED.

MATERIAL CERTIFICATION

COMPLETED WORK CANNOT BE PLACED ON A CONSTRUCTION REPORT UNTIL ALL MATERIAL CERTIFICATIONS FOR THAT PAY ITEM HAVE BEEN RECEIVED, REVIEWED AND ACCEPTED BY THE RESIDENT ENGINEER.



PROPOSED SAFETY PLAN

GENERAL - THE MT. VERNON AIRPORT IS COMPRISED OF TWO RUNWAYS. THE PROPOSED CONSTRUCTION WILL NOT NECESSITATE CLOSING ANY RUNWAYS, TAXIWAYS, OR APRONS.

IDENTIFICATION - WHEN THE CONTRACTORS VEHICLES AND EQUIPMENT ARE ON THE AIRPORT THEY SHALL BE PROPERLY MARKED WITH THREE FOOT (3') SQUARE CHECKERED FLAGS (INTERNATIONAL ORANGE AND WHITE). THE CONTRACTOR WILL ALSO PROVIDE WORKERS WITH SOME TYPE OF TAG OR GARMENT TO IDENTIFY THE PERSON AS BEING PART OF THE CONSTRUCTION CREW.

RADIO CONTROL - THE CONTRACTOR WILL BE REQUIRED TO BE IN TWO-WAY RADIO CONTACT (123.00 MHz.) WITH THE AIRPORT UNICOM. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE MT. VERNON AIRPORT AND ENABLE THE AIRPORT TO IMMEDIATELY CONTACT THE CONTRACTOR IN CASE OF AN AERONAUTIC EMERGENCY THAT WOULD REQUIRE ACTION BY THE CONTRACTOR AND/OR HIS PERSONNEL.

CONTRACTOR RESPONSIBILITIES

THE CONTRACTOR'S EMPLOYEES WILL PARK THEIR PERSONAL VEHICLES IN THE AREA DESIGNATED FOR THEM. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO TRANSPORT HIS PERSONNEL FROM THIS PARKING AREA TO THE AREA WHERE HE IS WORKING. THE CONTRACTOR AND HIS EMPLOYEES WILL BE RESTRICTED TO THE WORK AREA AND ALL OTHER AREAS OF THE AIRPORT ARE "OFF LIMITS" TO THEM.

150-ENGINEER'S FIELD OFFICE NOTES

THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE FURNISHED, MAINTAINED, AND REMOVED IN ACCORDANCE WITH ITEM AR150510 "ENGINEER'S FIELD OFFICE" AS STATED ON PAGE 49 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS ADOPTED NOVEMBER 02, 2009.

THE LOCATION OF THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE DETERMINED AT THE PRE-CONSTRUCTION MEETING.

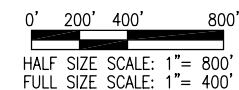
THE ENGINEERING FIRM WILL MAKE PAYMENT FOR ALL LONG DISTANCE TELEPHONE CALLS IN EXCESS OF ONE HUNDRED DOLLARS (\$100.00) PER MONTH.

THE CONTRACTOR WILL FURNISH A CELL PHONE TO THE RESIDENT ENGINEER FOR HIS EXCLUSIVE USE FOR THE DURATION OF THIS PROJECT. THE RESIDENT ENGINEER WILL USE THIS PHONE FOR PROJECT BUSINESS ONLY. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL CHARGES ASSOCIATED WITH THIS CELL PHONE.

THE PROPOSED ENGINEER'S FIELD OFFICE INCLUDING THE CELL PHONE WILL BE PAID FOR UNDER ITEM:
 AR150510 ENGINEER'S FIELD OFFICE _____ 1 L.S.

EROSION CONTROL

THIS PROJECT WILL DISTURB LESS THAN 1 ACRE OF LAND, THEREFORE NO N.P.D.E.S. PERMIT WILL BE REQUIRED.



BENCHMARK DATA

| NO. | DESCRIPTION | NORTHING | EASTING | ELEV. |
|-----|------------------------------------|-----------|-----------|--------|
| ① | BRASS DISK STAMPED 'AP 1967 STA B' | 601521.86 | 831317.71 | 463.57 |

| REVISION | DATE |
|----------|------|
| | |
| | |
| | |

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22

IL PROJ.: MW-4007

| | | | |
|-----------------------|-----------|---------------|---------------------------|
| Project No. 1040004 | Scale N/A | Date 04/16/10 | LAYOUT MLH 03/18/10 |
| Filename R-0035FY.DWG | Scale N/A | Date 04/16/10 | DRAWN MLH 03/18/10 |
| | | | REVIEWED RAW/KNL 03/19/10 |

HANSON
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 PH: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

REPLACE PERIMETER FENCE
 PROPOSED SAFETY PLAN

APR 26, 2010 3:41 PM HARR01115 \\A:\AIRPORTS\MTVERNON\1040004\CADD\AIRPORT\SHEETA_R-0035FY.DWG

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. 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 OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

FENCING REMOVAL NOTES

THE EXISTING FENCE TO BE REMOVED CONSISTS OF 6' CLASS E (CHAIN LINK) AND 4' CLASS C (WOVEN WIRE). THE CONTRACTOR WILL TURN OVER TO THE AIRPORT THE FENCE FABRIC THAT IS REMOVED. IF THE AIRPORT DECLINES RETAINING ANY OR ALL OF THE FABRIC, THE CONTRACTOR WILL DISPOSE OF THE FENCE MATERIAL OFF THE AIRPORT PROPERTY.

THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN AIRPORT SECURITY TO THE SATISFACTION OF THE AIRPORT MANAGER DURING THE REMOVAL OF THE EXISTING AND THE INSTALLATION OF THE PROPOSED FENCE. THE CONTRACTOR SHALL PROVIDE AND PLACE BARRICADES, CHAIN OR CABLE ACROSS ALL GATE ENTRANCES UNTIL THE PERMANENT GATES ARE INSTALLED. THE FABRIC, WHETHER EXISTING OR PROPOSED SHALL BE TEMPORARILY TIED TO THE NEW POSTS TO PROVIDE AIRPORT SECURITY DURING CONSTRUCTION. IN LOCATIONS ALONG THE PROPOSED FENCE ALIGNMENT WHERE EXISTING FENCE DOES NOT CURRENTLY EXIST, THE TEMPORARY SECURITY REQUIREMENT DOES NOT APPLY.

ALTHOUGH NO CLEARING AND GRUBBING IS ANTICIPATED, ANY REMOVAL OF SHRUBS, SMALL TREES, STUMPS, LOGS, ETC. THAT ARE IN THE EXISTING FENCE LINE WILL BE REMOVED AND DISPOSED OF OFF THE AIRPORT PROPERTY. THIS REMOVAL AND DISPOSAL WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE EXISTING FENCE REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE HOLES LEFT FROM THE PROPOSED REMOVAL WILL BE FILLED WITH EARTH MATERIAL EITHER OBTAINED FROM THE INSTALLATION OF THE PROPOSED FENCE OR FROM AN APPROVED OFF SITE BORROW AREA. THE EARTH MATERIAL WILL BE COMPACTED TO INSURE NO FUTURE SETTLEMENT. THE EARTH MATERIAL WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE FENCE REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE REMOVAL AND DISPOSAL OF THE EXISTING FENCE SHALL BE PAID FOR UNDER ITEM:

- AR161900 REMOVE CLASS C FENCE, PER LIN. FT.
- AR162900 REMOVE CLASS E FENCE, PER LIN. FT.

GATE REMOVAL NOTES

THE EXISTING GATES DESIGNATED TO BE REMOVED ARE 4' CLASS C (WOVEN WIRE), 6' CLASS E (CHAIN LINK) PEDESTRIAN, MANUAL SWING, AND ELECTRIC GATES. THE GATES VARY IN SIZE FROM 5' TO 30' IN LENGTH. THE CONTRACTOR IS REQUIRED TO REMOVE AND DISPOSE OF THESE GATES OFF THE AIRPORT PROPERTY.



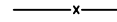


THE HOLES LEFT FROM THE PROPOSED GATE REMOVAL WILL BE FILLED WITH EARTH MATERIAL EITHER OBTAINED FROM THE INSTALLATION OF THE PROPOSED FENCE OR FROM AN APPROVED OFF SITE BORROW AREA. THE EARTH MATERIAL WILL BE COMPACTED TO INSURE NO FUTURE SETTLEMENT. THE EARTH MATERIAL WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE GATE REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

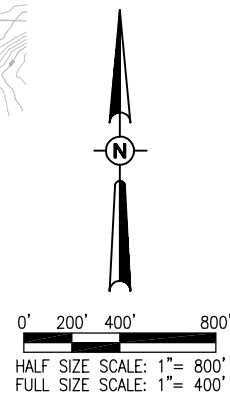
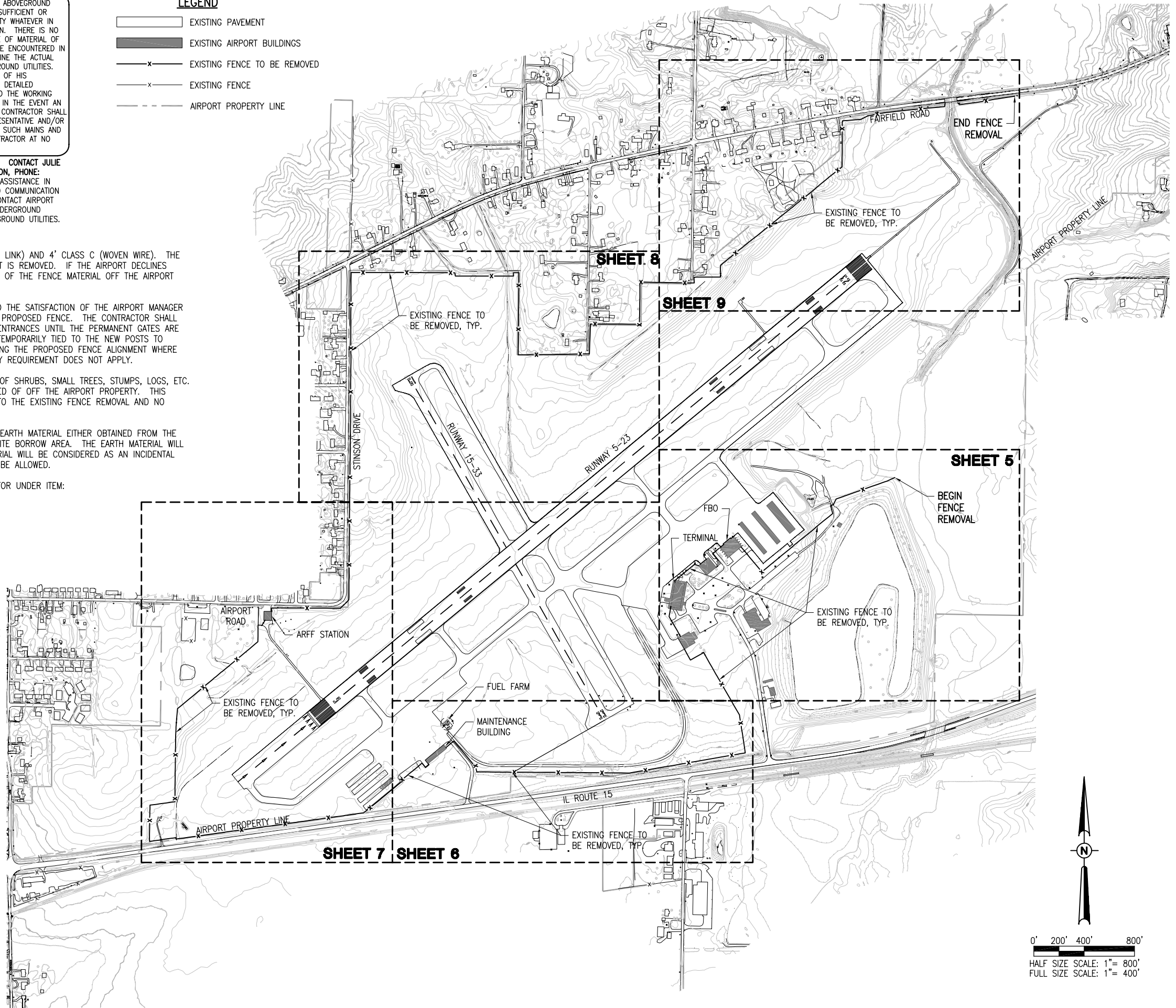
THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTION WHEN REMOVING EXISTING FENCE OR GATE POSTS THAT ARE EMBEDDED IN CONCRETE OR BITUMINOUS PAVEMENT TO NOT CAUSE DAMAGE TO THE SURROUNDING PAVEMENT. THE CONTRACTOR WILL NOT BE PERMITTED ADDITIONAL COMPENSATION DUE TO THE DIFFICULTY CAUSED BY THE POSTS IN THE PAVEMENT. ALL DAMAGE TO SURROUNDING PAVEMENT SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE RESIDENT ENGINEER AT THE CONTRACTOR'S EXPENSE.

THE REMOVAL AND DISPOSAL OF THE DESIGNATED GATES WILL BE PAID FOR UNDER ITEM:

- AR161910 REMOVE CLASS C GATE, PER EACH
- AR162905 REMOVE GATE, PER EACH
- AR162908 REMOVE ELECTRIC GATE, PER EACH
- AR162910 REMOVE CLASS E GATE, PER EACH

LEGEND

-  EXISTING PAVEMENT
-  EXISTING AIRPORT BUILDINGS
-  EXISTING FENCE TO BE REMOVED
-  EXISTING FENCE
-  AIRPORT PROPERTY LINE



| REVISION | DATE |
|----------|------|
| | |
| | |
| | |

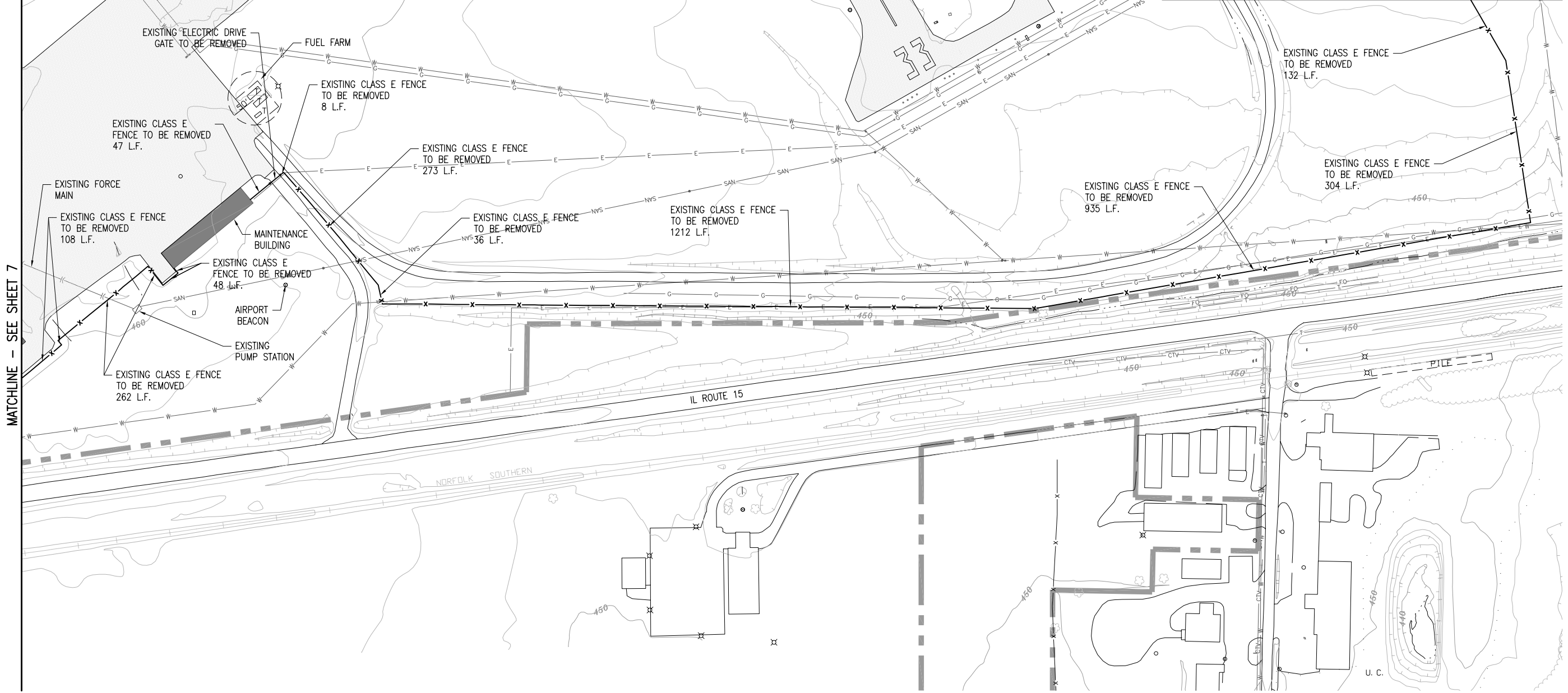
MT. VERNON AIRPORT

MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 MW-4007
 I.L. PROJ.: 03/19/10

| | | | |
|-------------------------|-----------|---------------|---------------------------|
| HEI Project No. 1040004 | Scale N/A | Date 04/16/10 | LAYOUT TMC 3/16/10 |
| Filename R-101SIT.DWG | Scale N/A | Date 04/16/10 | DRAWN TMC 3/16/10 |
| | | | REVIEWED RAW/KNL 03/19/10 |

HANSON
 © Copyright Hanson Professional Services Inc. 2010
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Ph: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

REPLACE PERIMETER FENCE
 EXISTING FENCE REMOVAL
 PLAN OVERVIEW AND LEGEND TO SHEETS



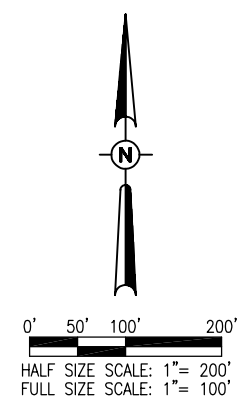
MATCHLINE - SEE SHEET 7

LEGEND

- EXISTING PAVEMENT
- EXISTING AIRPORT BUILDINGS
- EXISTING FENCE TO BE REMOVED
- EXISTING FENCE
- EXISTING ELECTRICAL
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING WATER LINE
- EXISTING TELEPHONE LINE
- EXISTING GAS LINE
- AIRPORT PROPERTY LINE

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. 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 OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123, CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.



APR 26, 2010 3:42 PM HARR01115
I:\AIRPORTS\MTEVERNON\10A00004\CADD\AIRPORT\SHEET\R-111SIT.DWG

| REVISION |
|----------|
| DATE |
| |
| |
| |

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 IL PROJ.: MW-4007

| |
|---------------------------|
| HEL Project No. 10A0004 |
| Filename R-111SIT.DWG |
| Scale 1" = 100' |
| Date 04/16/10 |
| LAYOUT TMC 3/16/10 |
| DRAWN TMC 3/16/10 |
| REVIEWED RAW/KNL 03/19/10 |

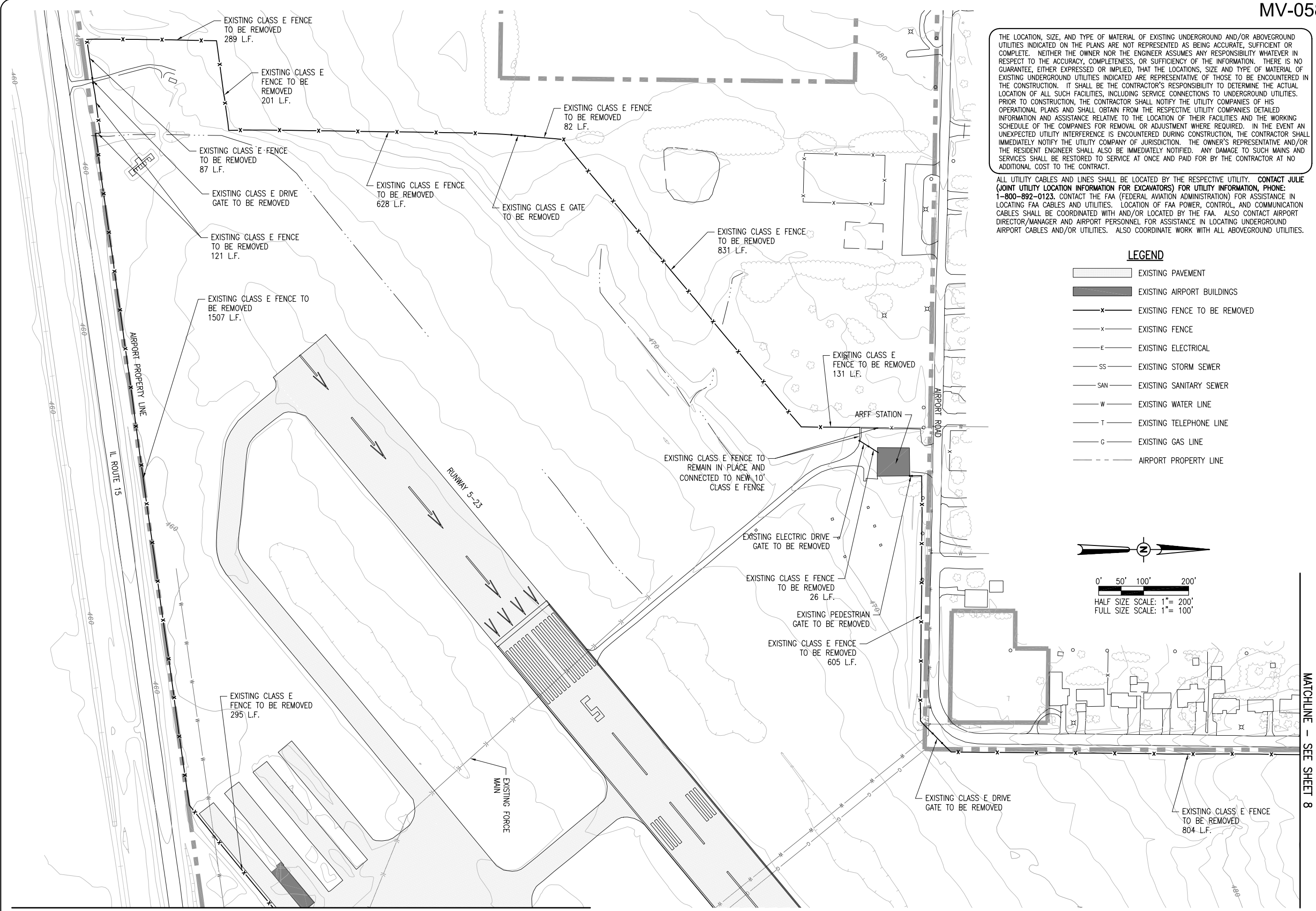
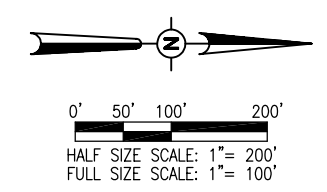
HANSON
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Ph: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

REPLACE PERIMETER FENCE
 EXISTING FENCE REMOVAL PLAN
 SHEET 2

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. 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 OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123, CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

- LEGEND**
- EXISTING PAVEMENT
 - EXISTING AIRPORT BUILDINGS
 - EXISTING FENCE TO BE REMOVED
 - EXISTING FENCE
 - EXISTING ELECTRICAL
 - EXISTING STORM SEWER
 - EXISTING SANITARY SEWER
 - EXISTING WATER LINE
 - EXISTING TELEPHONE LINE
 - EXISTING GAS LINE
 - AIRPORT PROPERTY LINE



MATCHLINE - SEE SHEET 6

MATCHLINE - SEE SHEET 8

| REVISION | DATE |
|----------|------|
| | |
| | |
| | |

MT. VERNON AIRPORT

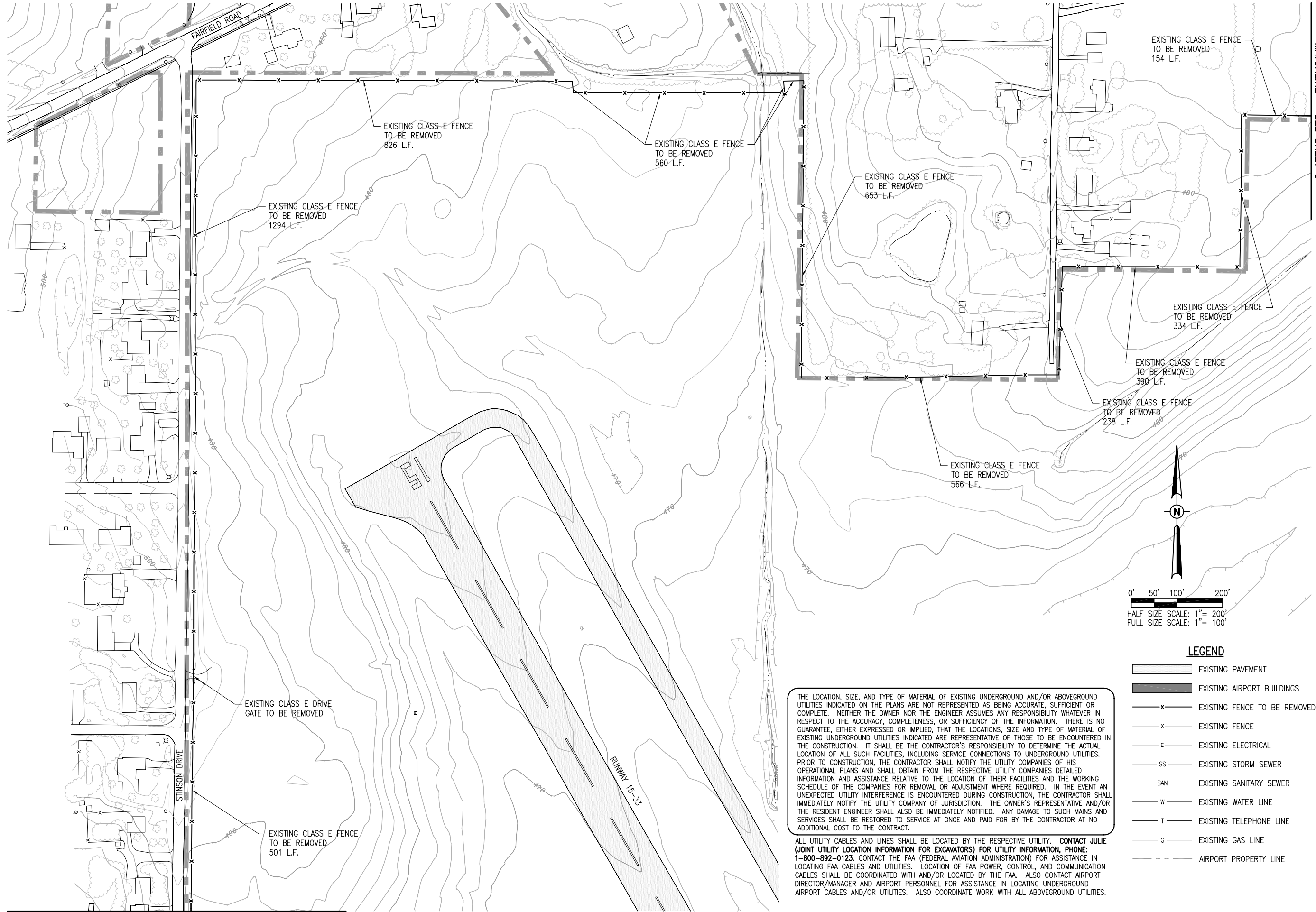
 MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 IL PROJ.: MW-4007

| | | |
|-------------------------|---------|----------|
| HEI Project No. 1040004 | TMC | 3/16/10 |
| Filename R-1115T.DWG | TMC | 3/16/10 |
| Scale 1" = 100' | RAW/KNL | 03/19/10 |
| Date 04/16/10 | | |

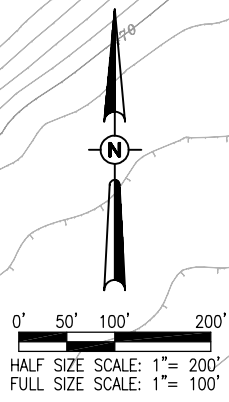
HANSON
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Ph: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

REPLACE PERIMETER FENCE
 EXISTING FENCE REMOVAL PLAN
 SHEET 3

MATCHLINE - SEE SHEET 9



MATCHLINE - SEE SHEET 7



LEGEND

| | |
|--|------------------------------|
| | EXISTING PAVEMENT |
| | EXISTING AIRPORT BUILDINGS |
| | EXISTING FENCE TO BE REMOVED |
| | EXISTING FENCE |
| | EXISTING ELECTRICAL |
| | EXISTING STORM SEWER |
| | EXISTING SANITARY SEWER |
| | EXISTING WATER LINE |
| | EXISTING TELEPHONE LINE |
| | EXISTING GAS LINE |
| | AIRPORT PROPERTY LINE |

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. 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 OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

| REVISION | DATE |
|----------|------|
| | |
| | |
| | |
| | |

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 IL PROJ.: MW-4007

| | | | |
|-------------------------|--|----------|--|
| HEI Project No. 1040004 | | | |
| Filename R-11151.DWG | | | |
| Scale 1" = 100' | | | |
| Date 04/16/10 | | | |
| LAYOUT TMC | | 3/16/10 | |
| DRAWN TMC | | 3/16/10 | |
| REVIEWED RAW/KNL | | 03/19/10 | |

HANSON
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Pht: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

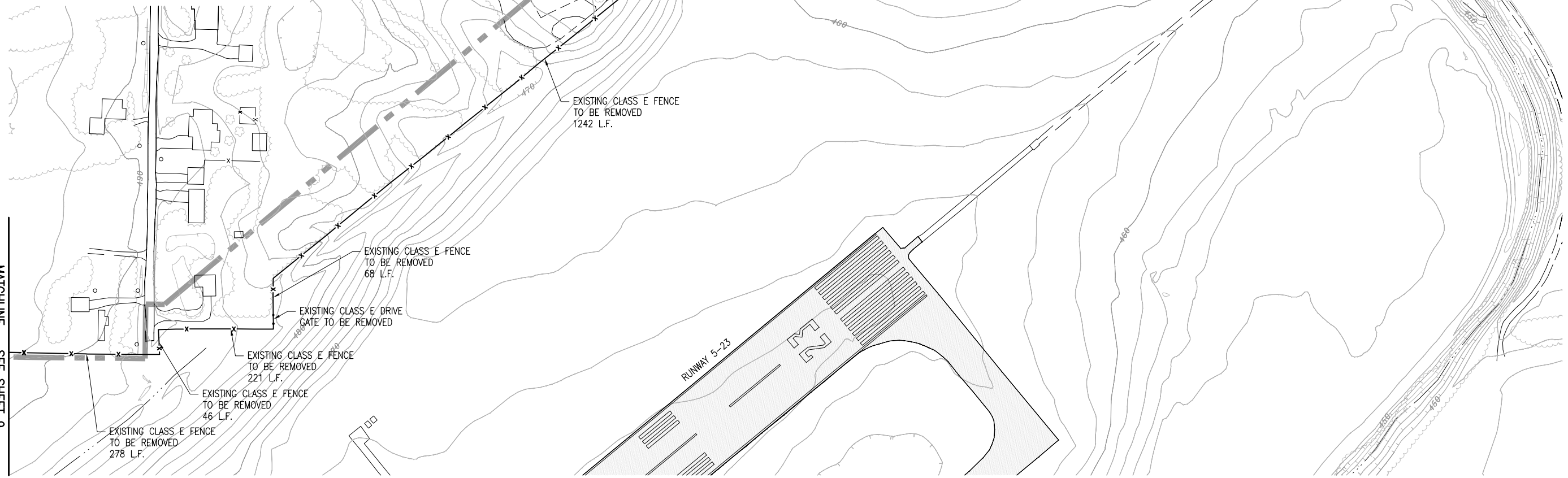
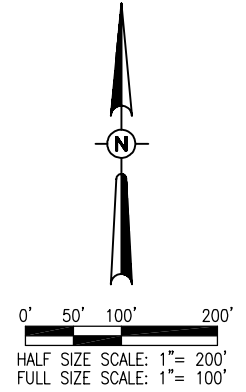
REPLACE PERIMETER FENCE
 EXISTING FENCE REMOVAL PLAN
 SHEET 4

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. 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 OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

LEGEND

- EXISTING PAVEMENT
- EXISTING AIRPORT BUILDINGS
- EXISTING FENCE TO BE REMOVED
- EXISTING FENCE
- EXISTING ELECTRICAL
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING WATER LINE
- EXISTING TELEPHONE LINE
- EXISTING GAS LINE
- AIRPORT PROPERTY LINE



APR 26, 2010 3:42 PM HARR01115
 I:\AIRPORTS\MTEVERNON\1040004\CADD\AIRPORT\SHEET\R-1115T.DWG

MATCHLINE - SEE SHEET 9

| REVISION | DATE |
|----------|------|
| | |
| | |
| | |

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS
 I.L. PROJ.: MW-4007 A.I.P. PROJ.: 3-17-0074-B22

| | | |
|-------------------------|---------|----------|
| HEI Project No. 1040004 | TMC | 3/16/10 |
| Filename R-1115T.DWG | TMC | 3/16/10 |
| Scale 1" = 100' | RAW/KNL | 03/19/10 |
| Date 04/16/10 | | |

HANSON
 © Copyright Hanson Professional Services Inc. 2010
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Ph: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

REPLACE PERIMETER FENCE
 EXISTING FENCE REMOVAL PLAN
 SHEET 5

FENCE INSTALLATION NOTES

THE PROPOSED FENCE SHALL BE A 10 FOOT CLASS E FENCE (CHAIN LINK) WITH THREE STRANDS OF BARBED WIRE. THIS WORK WILL INCLUDE THE INSTALLATION OF PEDESTRIAN, MANUAL SLIDE AND ELECTRIC SLIDE GATES. THE PROPOSED FENCE AND GATES SHALL MEET THE REQUIREMENTS PROVIDED IN THE CONTRACT DOCUMENTS.

WHERE THE PROPOSED FENCE IS SHOWN ALONG THE PROPERTY LINE, THE FENCE WILL BE PLACED 2' (MIN.) INSIDE THE AIRPORT PROPERTY LINE. A SURVEY WILL BE CONDUCTED BY OTHERS PRIOR TO CONSTRUCTION AND THE AIRPORT PROPERTY CORNERS LOCATED AND IDENTIFIED FOR USE DURING CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT IN NO INSTANCE WILL THE PROPOSED FENCE BE INSTALLED LESS THAN 2' INSIDE THE AIRPORT PROPERTY LINE AT ANY LOCATION.

WHERE INSTALLATION OF THE FENCE IS INTERNAL TO THE PERIMETER OF THE AIRPORT PROPERTY, THE FENCE WILL BE CONSTRUCTED IN LOCATIONS OF THE EXISTING FENCE LINE UNLESS OTHERWISE LOCATED BY COORDINATE DATA. THE CONTRACTOR WILL BE RESPONSIBLE FOR LAYOUT OF THE PROPOSED FENCE IN THESE LOCATIONS.

THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN AIRPORT SECURITY TO THE SATISFACTION OF THE AIRPORT MANAGER DURING THE REMOVAL OF THE EXISTING AND THE INSTALLATION OF THE PROPOSED FENCE. THE CONTRACTOR SHALL PROVIDE AND PLACE BARRICADES, CHAIN OR CABLE ACROSS ALL GATE ENTRANCES UNTIL THE PERMANENT GATES ARE INSTALLED. THE FABRIC, WHETHER EXISTING OR PROPOSED SHALL BE TEMPORARILY TIED TO THE NEW POSTS TO PROVIDE AIRPORT SECURITY DURING CONSTRUCTION. IN LOCATIONS ALONG THE PROPOSED FENCE ALIGNMENT WHERE EXISTING FENCE DOES NOT CURRENTLY EXIST, THE TEMPORARY SECURITY REQUIREMENT DOES NOT APPLY.

GATE INSTALLATION NOTES

THE MANUAL GATE OPENING DIRECTION WILL BE DETERMINED IN THE FIELD AS DIRECTED BY THE RESIDENT ENGINEER AND THE AIRPORT DIRECTOR.

ALL EXISTING GATE DESIGNATION SIGNS WILL BE REMOVED BY THE CONTRACTOR FROM THE EXISTING GATES PRIOR TO THE GATES REMOVAL, STORED, AND REMOUNTED ON THE NEWLY INSTALLED GATES.

CLEARING AND GRUBBING

ALTHOUGH NO CLEARING AND GRUBBING IS ANTICIPATED, ANY REMOVAL OF SHRUBS, SMALL TREES, STUMPS, LOGS, ETC. THAT ARE IN THE PROPOSED FENCE LINE WILL BE REMOVED AND DISPOSED OF OFF THE AIRPORT PROPERTY. THIS REMOVAL AND DISPOSAL WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED FENCE INSTALLATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

SEEDING AND MULCHING

ALL AREAS ALONG THE PROPOSED FENCE ALIGNMENT DISTURBED BY THE CONSTRUCTION OPERATIONS SHALL BE SEEDED IN ACCORDANCE WITH THE SPECIAL PROVISIONS. PROPOSED SEEDING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED FENCING. SEEDING SHALL BE IN ACCORDANCE WITH ITEM 901 OF THE STANDARD SPECIFICATIONS.

EARTHWORK

MINOR EARTHWORK GRADING MAY BE NECESSARY TO ESTABLISH ADEQUATE CLEARANCE FOR THE PROPOSED FENCE. HOWEVER, THIS WORK IS ANTICIPATED TO BE MINIMAL SINCE THE PROPOSED ALIGNMENT FOLLOWS THAT OF THE EXISTING FOR THE MAJORITY OF THE PROJECT. THEREFORE, EARTHWORK WILL BE CONSIDERED INCIDENTAL TO THE INSTALLATION OF THE PROPOSED FENCE AND NO ADDITIONAL COMPENSATION PERMITTED.

THE GRADING REQUIREMENTS SHALL INCLUDE WHATEVER IS NECESSARY TO INSTALL THE FENCE IN ACCORDANCE TO THE STANDARDS, SPECIFICATIONS, AND SPECIAL PROVISIONS. THE GRADING SHALL BE ACCOMPLISHED SO THAT A ONE TO THREE INCH GAP BETWEEN THE FENCE BOTTOM AND GROUND OCCURS. GRADING SHALL BE PERFORMED TO THE SATISFACTION OF THE RESIDENT ENGINEER.

GENERAL NOTES

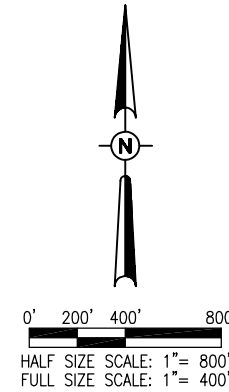
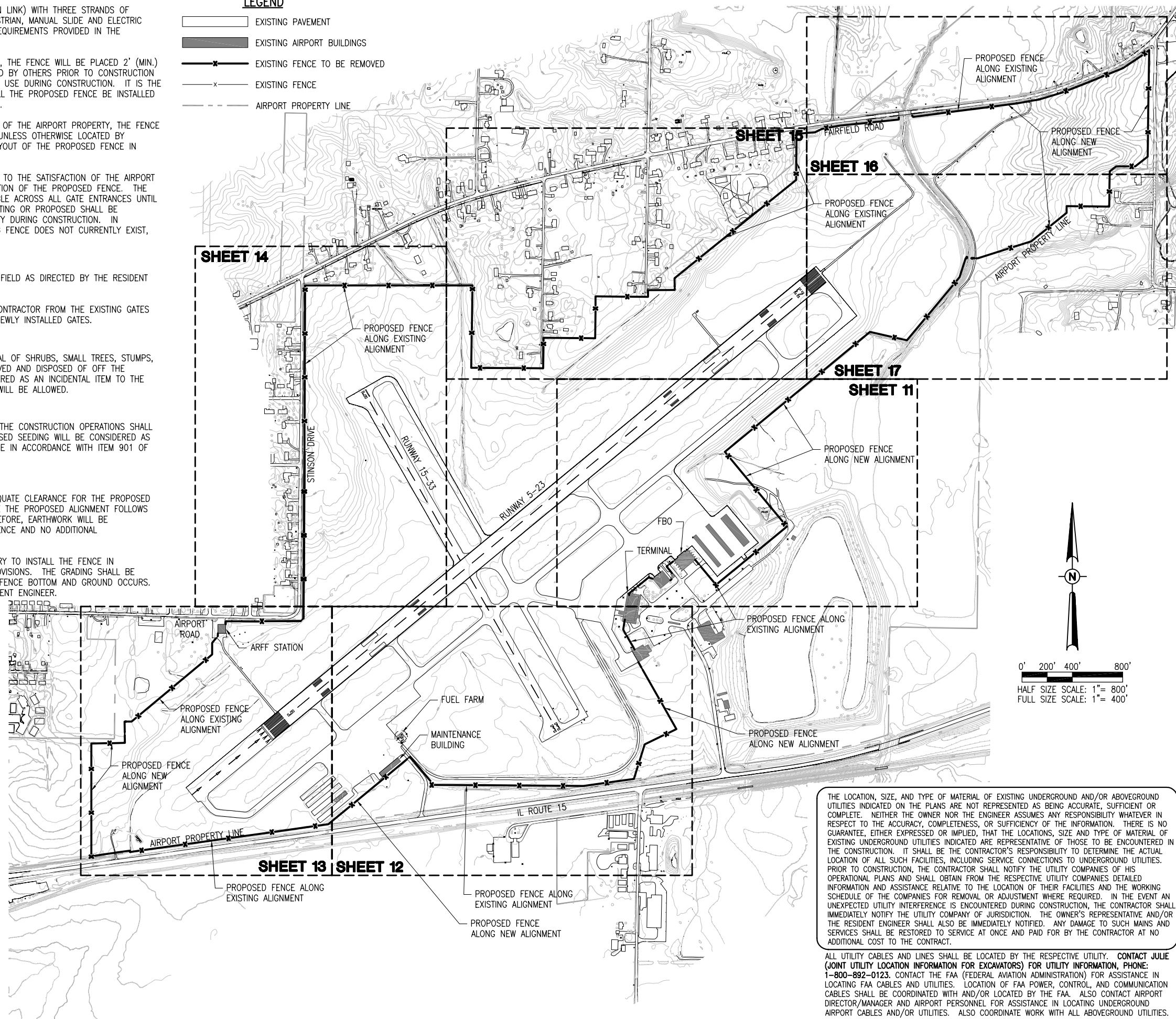
THE CONTRACTOR IS ENCOURAGED TO VISIT THE PROJECT SITE AND INSPECT THE PROPOSED ALIGNMENT AND GATE LOCATIONS TO ENSURE HIS BID WILL ADEQUATELY COVER THE REQUIREMENTS OF THE PROJECT.

LINEAR QUANTITIES PROVIDED IN THESE PLANS ARE APPROXIMATE FOR THE BASIS OF ESTABLISHING DESIGN INTENT. THE ENGINEER DOES NOT EXPRESS, OR BY IMPLICATION AGREE, THAT THE ACTUAL QUANTITIES INVOLVED WILL CORRESPOND EXACTLY THEREWITH; NOR SHALL THE CONTRACTOR PLEAD MISUNDERSTANDING OR DECEPTION BECAUSE OF SUCH QUANTITIES, OR OF THE CHARACTER, LOCATION, OR OTHER CONDITIONS PERTAINING TO THE WORK. PAYMENT WILL BE MADE FOR ACTUAL QUANTITIES OF WORK PERFORMED AND ACCEPTED BY THE RESIDENT ENGINEER.

IF MINOR ADJUSTMENTS TO THE ALIGNMENT ARE REQUIRED DUE TO THE TOPOGRAPHY, GATES, MATERIALS, OR TO SIMPLIFY CONSTRUCTION, MODIFICATIONS CAN BE MADE IF APPROVED BY THE ENGINEER AND THE AIRPORT DIRECTOR. THE CONTRACTOR MAY REQUEST AN ALIGNMENT CHANGE IN WRITING TO THE ENGINEER.

LEGEND

- EXISTING PAVEMENT
- EXISTING AIRPORT BUILDINGS
- EXISTING FENCE TO BE REMOVED
- EXISTING FENCE
- AIRPORT PROPERTY LINE



THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH UTILITIES, 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 OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

MV-058

| REVISION | DATE |
|----------|------|
| | |
| | |

MT. VERNON AIRPORT
MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 MW-4007
 I.L. PROJ.: 03/19/10

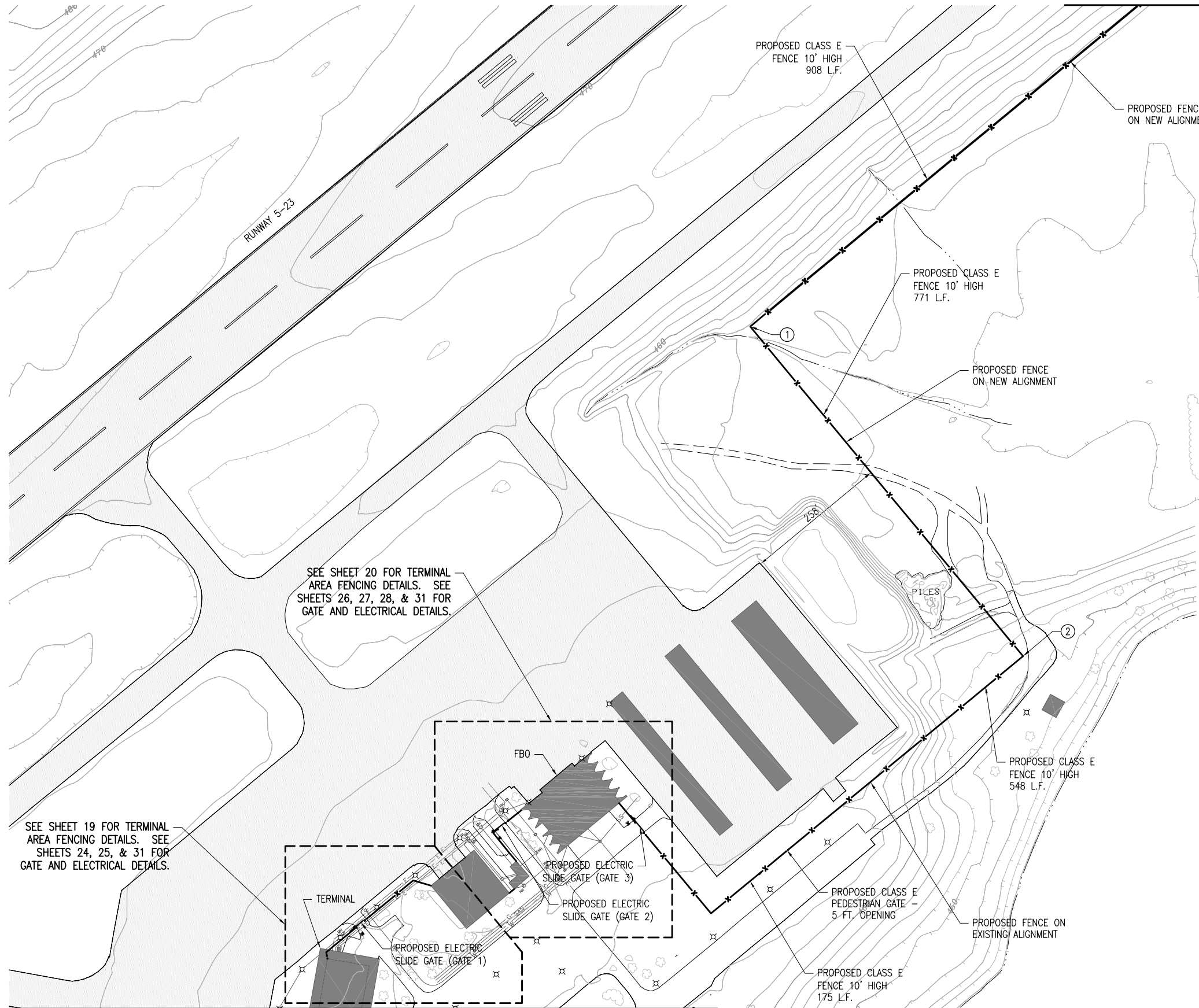
| | | |
|------------------------|------------|---------------|
| Project No. 1040004 | Scale 1/4" | DATE 04/16/10 |
| File Name R-121CON.DWG | TMC | 3/16/10 |
| Scale N/A | TMC | 3/16/10 |
| Date 04/16/10 | RAW/KNL | 03/19/10 |
| LAYOUT | | |
| DRAWN | | |
| REVIEWED | | |

HANSON
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 PH: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

REPLACE PERIMETER FENCE
 PROPOSED FENCING PLAN OVERVIEW AND LEGEND TO SHEETS

APR 26, 2010 3:42 PM HARR01115
 I:\AIRPORTS\MTVERNON\1040004\CADD\AIRPORT\SHEETS\R-121CON.DWG

MATCHLINE - SEE SHEET 17



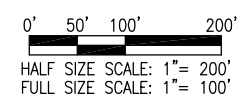
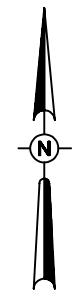
SEE SHEET 20 FOR TERMINAL AREA FENCING DETAILS. SEE SHEETS 26, 27, 28, & 31 FOR GATE AND ELECTRICAL DETAILS.

SEE SHEET 19 FOR TERMINAL AREA FENCING DETAILS. SEE SHEETS 24, 25, & 31 FOR GATE AND ELECTRICAL DETAILS.

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. 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 OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.



LEGEND

| | |
|--|---------------------------------|
| | EXISTING PAVEMENT |
| | EXISTING AIRPORT BUILDINGS |
| | PROPOSED FENCE |
| | EXISTING FENCE |
| | EXISTING ELECTRICAL |
| | EXISTING STORM SEWER |
| | EXISTING SANITARY SEWER |
| | EXISTING WATER LINE |
| | EXISTING TELEPHONE LINE |
| | EXISTING GAS LINE |
| | AIRPORT PROPERTY LINE |
| | COORDINATE (SEE TABLE SHEET 17) |

MATCHLINE - SEE SHEET 12

APR 26, 2010 3:43 PM HARR01115 \\A:\AIRPORTS\MTEVERNON\1040004\CADD\AIRPORT\SHEET_R-122CON.DWG

| REVISION | DATE |
|----------|------|
| | |
| | |
| | |

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 IL. PROJ.: MVN-4007

| | |
|-------------------------|---------------------------|
| HEI Project No. 1040004 | DATE 04/16/10 |
| Filename R-122CON.DWG | TMC 03/11/10 |
| Scale 1"=100' | TMC 03/11/10 |
| Date 04/16/10 | REVIEWED RAW/KNL 03/19/10 |
| LAYOUT | |
| DRAWN | |

HANSON
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Ph: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

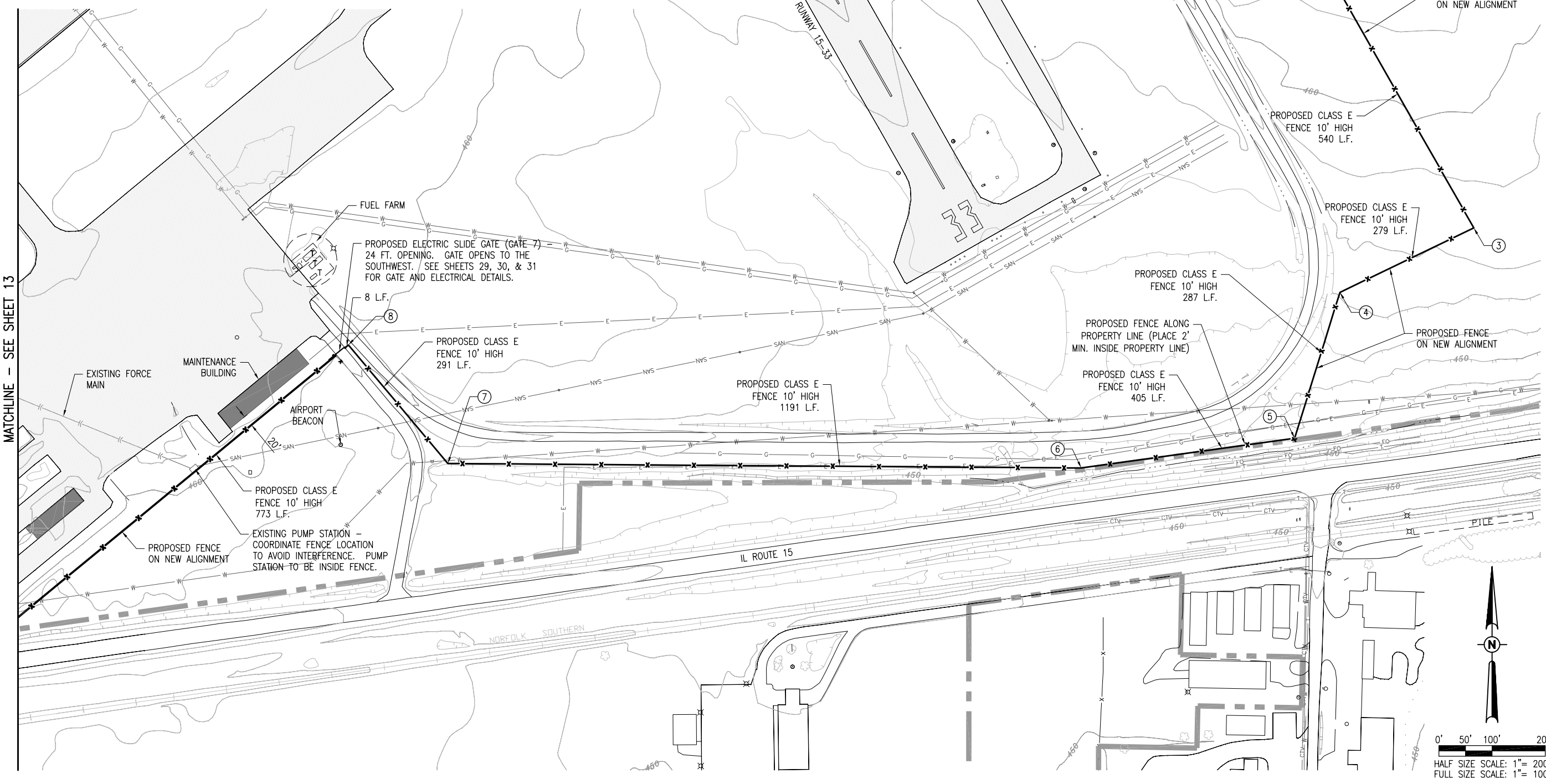
REPLACE PERIMETER FENCE
 PROPOSED FENCING PLAN
 SHEET 1

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. 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 OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

- LEGEND**
- EXISTING PAVEMENT
 - EXISTING AIRPORT BUILDINGS
 - PROPOSED FENCE
 - EXISTING FENCE
 - EXISTING ELECTRICAL
 - EXISTING STORM SEWER
 - EXISTING SANITARY SEWER
 - EXISTING WATER LINE
 - EXISTING TELEPHONE LINE
 - EXISTING GAS LINE
 - AIRPORT PROPERTY LINE
 - COORDINATE (SEE TABLE SHEET 17)

MATCHLINE - SEE SHEET 11 MV-058



MATCHLINE - SEE SHEET 13

SEE SHEET 18 FOR TERMINAL AREA FENCING DETAILS

| REVISION | DATE |
|----------|------|
| | |
| | |
| | |

MT. VERNON AIRPORT

MT. VERNON, ILLINOIS

A.I.P. PROJ.: 3-17-0074-B22

| | | |
|-------------------------|---------|----------|
| HEI Project No. 1040004 | TMC | 03/11/10 |
| Filename R-122CON.DWG | TMC | 03/11/10 |
| Scale 1"=100' | RAW/KNL | 03/19/10 |
| Date 04/16/10 | | |

HANSON

Hanson Professional Services Inc. 2010
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Ph: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

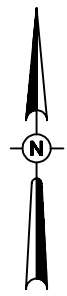
REPLACE PERIMETER FENCE
 PROPOSED FENCING PLAN
 SHEET 2

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. 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 OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

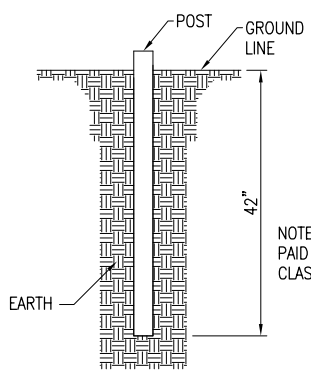
ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

LEGEND

- EXISTING PAVEMENT
- EXISTING AIRPORT BUILDINGS
- PROPOSED FENCE
- EXISTING FENCE
- EXISTING ELECTRICAL
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING WATER LINE
- EXISTING TELEPHONE LINE
- EXISTING GAS LINE
- AIRPORT PROPERTY LINE
- ⑤ COORDINATE (SEE TABLE SHEET 17)

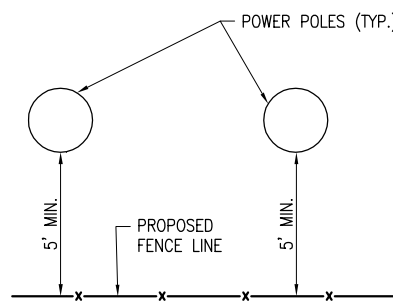


0' 50' 100' 200'
 HALF SIZE SCALE: 1" = 200'
 FULL SIZE SCALE: 1" = 100'

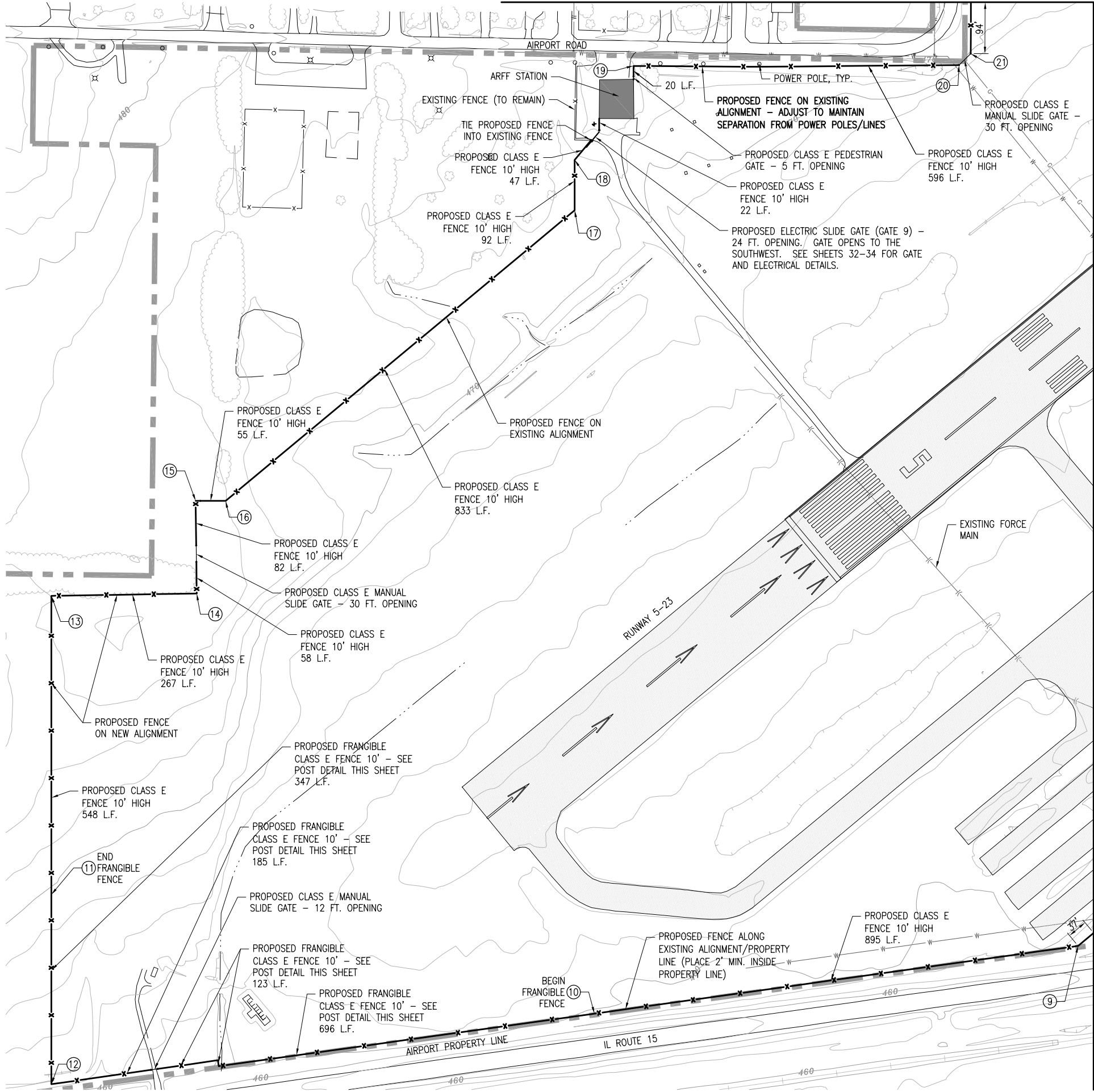


NOTE: FRANGIBLE FENCE WILL BE PAID UNDER ITEM AR800499 - CLASS E FENCE, FRANGIBLE, PER L.F.

POST DETAIL FOR FRANGIBLE FENCE



TYPICAL FENCE LOCATION ADJACENT TO POWER POLES



MATCHLINE - SEE SHEET 12

APR 26, 2010 3:43 PM HARR01115 \\A:\AIRPORTS\MTVERNON\1040004\CADD\AIRPORT\SHEET\R-122CON.DWG

| REVISION | DATE |
|----------|------|
| | |
| | |
| | |

MT. VERNON AIRPORT

MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 MW-4007
 I.L. PROJ.: 03/11/10



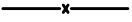
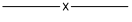
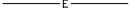
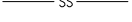






| FILE PROJECT No. | DATE | TMC | RAW/KNL |
|------------------|----------|-----|---------|
| 1040004 | 04/16/10 | TMC | RAW/KNL |
| R-122CON.DWG | 03/11/10 | TMC | RAW/KNL |
| Scale: 1"=100' | 03/11/10 | | |
| Date | | | |

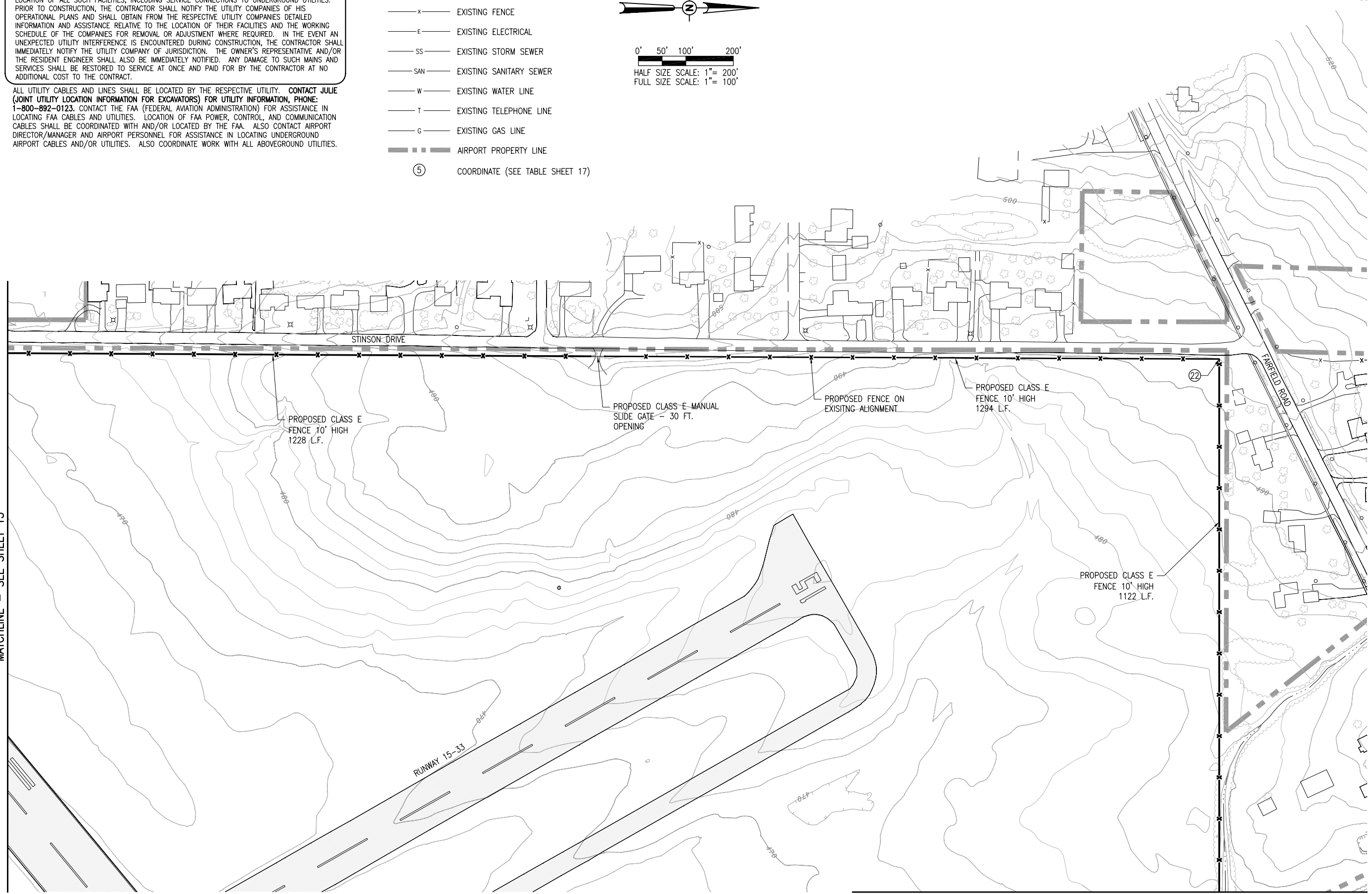
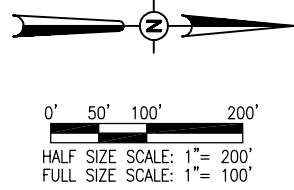
HANSON
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Ph: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

REPLACE PERIMETER FENCE
PROPOSED FENCING PLAN
 SHEET 3

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. 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 OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

- LEGEND**
-  EXISTING PAVEMENT
 -  EXISTING AIRPORT BUILDINGS
 -  PROPOSED FENCE
 -  EXISTING FENCE
 -  EXISTING ELECTRICAL
 -  EXISTING STORM SEWER
 -  EXISTING SANITARY SEWER
 -  EXISTING WATER LINE
 -  EXISTING TELEPHONE LINE
 -  EXISTING GAS LINE
 -  AIRPORT PROPERTY LINE
 -  COORDINATE (SEE TABLE SHEET 17)



MATCHLINE - SEE SHEET 13

MATCHLINE - SEE SHEET 15

| REVISION | DATE |
|----------|------|
| | |
| | |
| | |

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 MW-4007
 I.L. PROJ.: 3-17-0074-B22

| | |
|-----------------------|----------|
| Project No. 1040004 | |
| Filename R-122CON.DWG | |
| Scale 1"=100' | |
| Date 04/16/10 | |
| LAYOUT TMC | 03/11/10 |
| DRAWN TMC | 03/11/10 |
| REVIEWED RAW/KNL | 03/19/10 |

HANSON
 © Copyright Hanson Professional Services Inc. 2010
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Ph: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

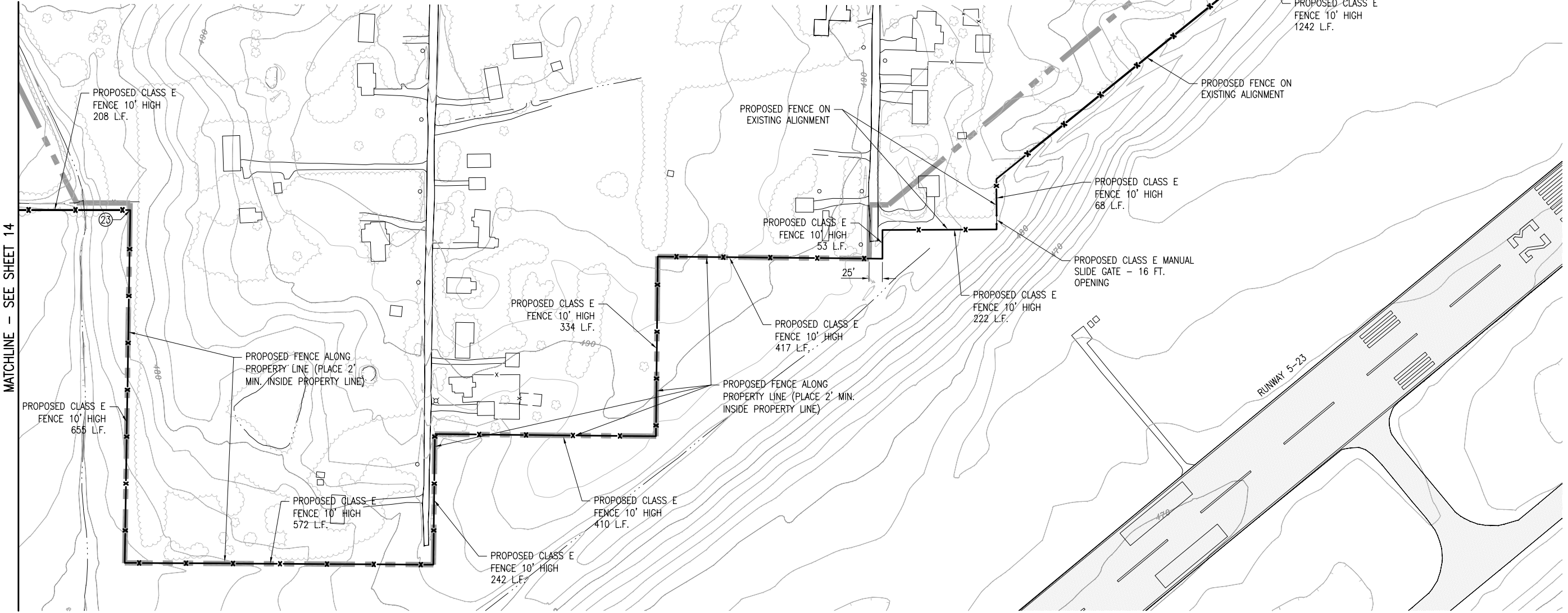
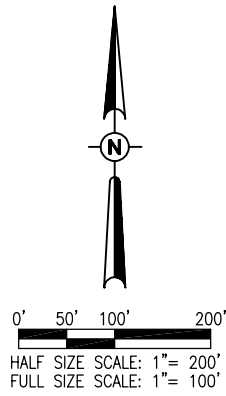
REPLACE PERIMETER FENCE
 PROPOSED FENCING PLAN
 SHEET 4

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. 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 OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

LEGEND

- EXISTING PAVEMENT
- EXISTING AIRPORT BUILDINGS
- PROPOSED FENCE
- EXISTING FENCE
- EXISTING ELECTRICAL
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING WATER LINE
- EXISTING TELEPHONE LINE
- EXISTING GAS LINE
- AIRPORT PROPERTY LINE
- COORDINATE (SEE TABLE SHEET 17)



| REVISION | DATE |
|----------|------|
| | |
| | |
| | |

MV-058

MATCHLINE - SEE SHEET 16

MT. VERNON AIRPORT

MT. VERNON, ILLINOIS

A.I.P. PROJ.: 3-17-0074-B22
MWN-4007

| | | |
|-------------------------|----------|----------|
| HEI Project No. 10A0004 | DATE | 04/16/10 |
| File Name R-122CON.DWG | SCALE | 1"=100' |
| TMC | TMC | TMC |
| RAW/KNL | RAW/KNL | RAW/KNL |
| 03/11/10 | 03/11/10 | 03/11/10 |

HANSON

Hanson Professional Services Inc. 2010
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Ph: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

REPLACE PERIMETER FENCE

PROPOSED FENCING PLAN

SHEET 5

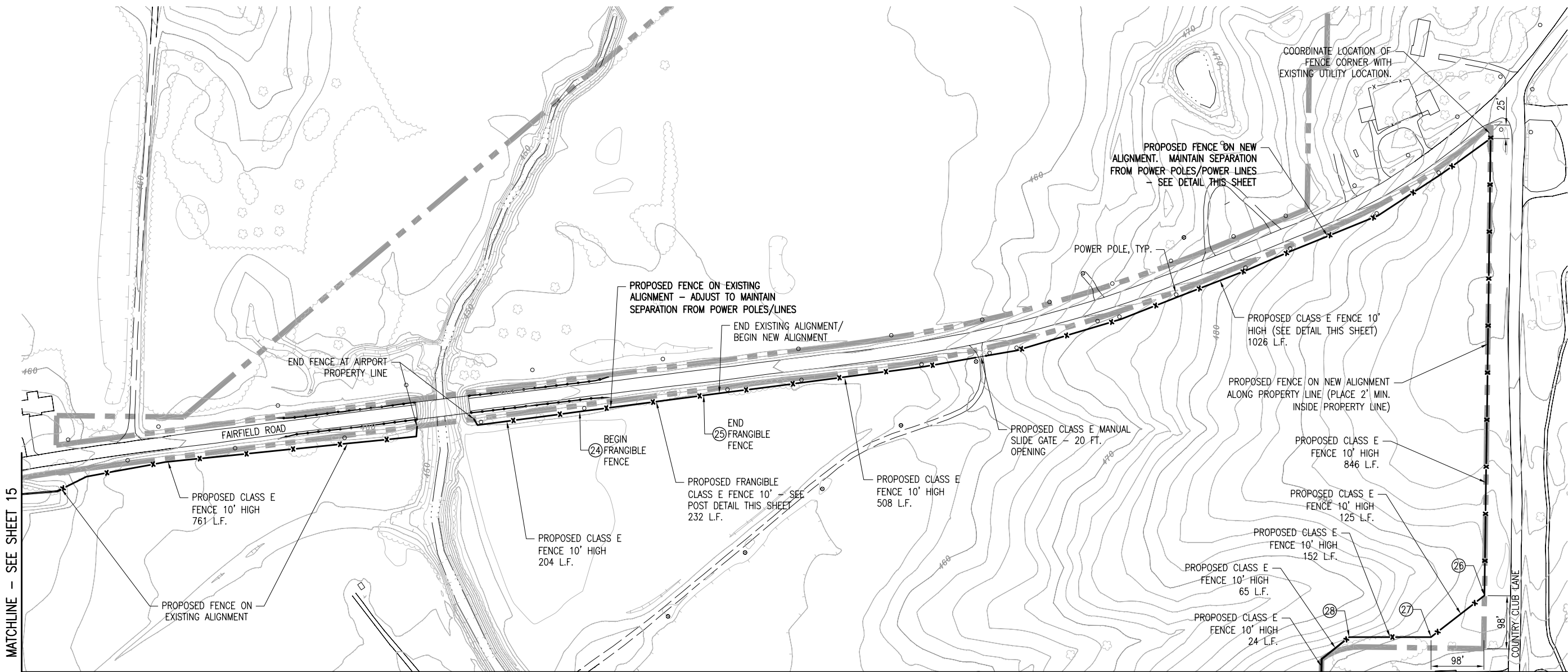
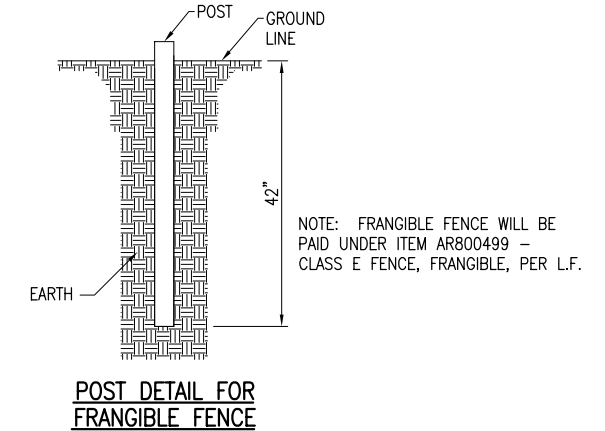
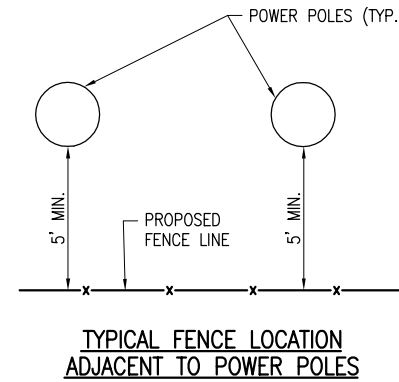
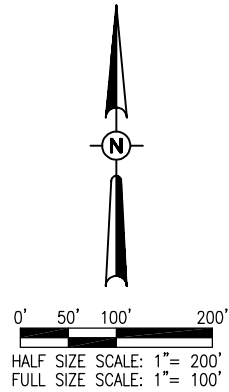
APR 26, 2010 3:44 PM HARR01115
 I:\AIRPORTS\MTVERNON\10A0004\CADD\AIRPORT\SHEET5_R-122CON.DWG

MATCHLINE - SEE SHEET 14

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. 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 OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

- LEGEND**
- EXISTING PAVEMENT
 - EXISTING AIRPORT BUILDINGS
 - PROPOSED FENCE
 - EXISTING FENCE
 - EXISTING ELECTRICAL
 - EXISTING STORM SEWER
 - EXISTING SANITARY SEWER
 - EXISTING WATER LINE
 - EXISTING TELEPHONE LINE
 - EXISTING GAS LINE
 - AIRPORT PROPERTY LINE
 - COORDINATE (SEE TABLE SHEET 17)



| REVISION | DATE |
|----------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

MT. VERNON AIRPORT

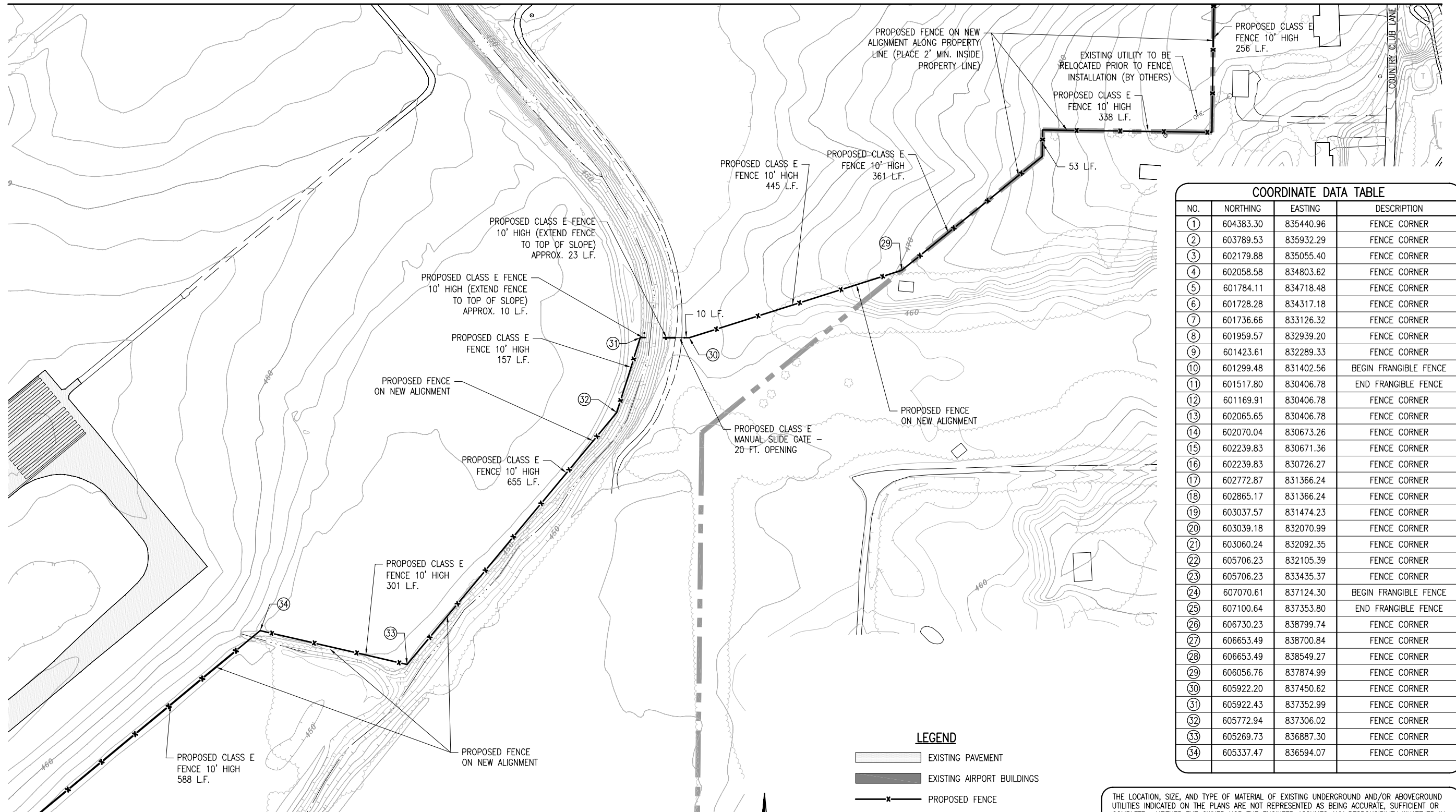
 MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 MW-4007
 I.L. PROJ.: 03/19/10

| | | |
|-----------------------|---------|----------|
| Project No. 1040004 | TMC | 03/11/10 |
| Filename R-122CON.DWG | TMC | 03/11/10 |
| Scale 1"=100' | RAW/KNL | 03/19/10 |
| Date 04/16/10 | | |
| LAYOUT | | |
| DRAWN | | |
| REVIEWED | | |

HANSON
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Ph: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

REPLACE PERIMETER FENCE
 PROPOSED FENCING PLAN
 SHEET 6

APR 26, 2010 3:44 PM HARR01115
 I:\AIRPORTS\MTVERNON\1040004\CADD\AIRPORT\SHEET\R-122CON.DWG



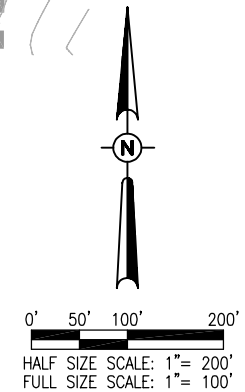
COORDINATE DATA TABLE

| NO. | NORTHING | EASTING | DESCRIPTION |
|-----|-----------|-----------|-----------------------|
| ① | 604383.30 | 835440.96 | FENCE CORNER |
| ② | 603789.53 | 835932.29 | FENCE CORNER |
| ③ | 602179.88 | 835055.40 | FENCE CORNER |
| ④ | 602058.58 | 834803.62 | FENCE CORNER |
| ⑤ | 601784.11 | 834718.48 | FENCE CORNER |
| ⑥ | 601728.28 | 834317.18 | FENCE CORNER |
| ⑦ | 601736.66 | 833126.32 | FENCE CORNER |
| ⑧ | 601959.57 | 832939.20 | FENCE CORNER |
| ⑨ | 601423.61 | 832289.33 | FENCE CORNER |
| ⑩ | 601299.48 | 831402.56 | BEGIN FRANGIBLE FENCE |
| ⑪ | 601517.80 | 830406.78 | END FRANGIBLE FENCE |
| ⑫ | 601169.91 | 830406.78 | FENCE CORNER |
| ⑬ | 602065.65 | 830406.78 | FENCE CORNER |
| ⑭ | 602070.04 | 830673.26 | FENCE CORNER |
| ⑮ | 602239.83 | 830671.36 | FENCE CORNER |
| ⑯ | 602239.83 | 830726.27 | FENCE CORNER |
| ⑰ | 602772.87 | 831366.24 | FENCE CORNER |
| ⑱ | 602865.17 | 831366.24 | FENCE CORNER |
| ⑲ | 603037.57 | 831474.23 | FENCE CORNER |
| ⑳ | 603039.18 | 832070.99 | FENCE CORNER |
| ㉑ | 603060.24 | 832092.35 | FENCE CORNER |
| ㉒ | 605706.23 | 832105.39 | FENCE CORNER |
| ㉓ | 605706.23 | 833435.37 | FENCE CORNER |
| ㉔ | 607070.61 | 837124.30 | BEGIN FRANGIBLE FENCE |
| ㉕ | 607100.64 | 837353.80 | END FRANGIBLE FENCE |
| ㉖ | 606730.23 | 838799.74 | FENCE CORNER |
| ㉗ | 606653.49 | 838700.84 | FENCE CORNER |
| ㉘ | 606653.49 | 838549.27 | FENCE CORNER |
| ㉙ | 606056.76 | 837874.99 | FENCE CORNER |
| ㉚ | 605922.20 | 837450.62 | FENCE CORNER |
| ㉛ | 605922.43 | 837352.99 | FENCE CORNER |
| ㉜ | 605772.94 | 837306.02 | FENCE CORNER |
| ㉝ | 605269.73 | 836887.30 | FENCE CORNER |
| ㉞ | 605337.47 | 836594.07 | FENCE CORNER |

- LEGEND**
- EXISTING PAVEMENT
 - EXISTING AIRPORT BUILDINGS
 - PROPOSED FENCE
 - EXISTING FENCE
 - EXISTING ELECTRICAL
 - EXISTING STORM SEWER
 - EXISTING SANITARY SEWER
 - EXISTING WATER LINE
 - EXISTING TELEPHONE LINE
 - EXISTING GAS LINE
 - OVERHEAD ELECTRIC
 - AIRPORT PROPERTY LINE
 - ⑤ COORDINATE (SEE TABLE SHEET 17)

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. 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 OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.



MATCHLINE - SEE SHEET 11

| DATE | REVISION |
|------|----------|
| | |
| | |
| | |
| | |

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 MWN-4007

| LAYOUT | TMC | TMC | RAW/KNL |
|----------|----------|----------|----------|
| | 03/11/10 | 03/11/10 | 03/19/10 |
| DRAWN | TMC | TMC | RAW/KNL |
| REVIEWED | RAW/KNL | RAW/KNL | RAW/KNL |



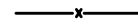
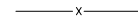
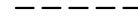
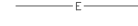
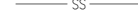
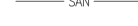



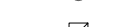



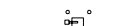


HANSON
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Pht: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

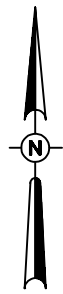
REPLACE PERIMETER FENCE
 PROPOSED FENCING PLAN
 SHEET 7

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. 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 OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

LEGEND

-  EXISTING PAVEMENT
-  EXISTING BUILDINGS
-  PROPOSED FENCE
-  EXISTING FENCE
-  PROPOSED ELECTRICAL CABLES
-  EXISTING ELECTRICAL CABLES
-  EXISTING STORM SEWER
-  EXISTING SANITARY SEWER
-  EXISTING WATER LINE
-  EXISTING TELEPHONE LINE
-  EXISTING GAS LINE
-  EXISTING MANHOLE
-  EXISTING ELECTRICAL HANDHOLE
-  EXISTING TRANSFORMER
-  EXISTING GATE OPERATOR
-  PROPOSED GATE OPERATOR
-  CARD READER WITH BOLLARDS
-  AIRPORT PROPERTY LINE



0' 10' 20' 40'
 HALF SIZE SCALE: 1" = 40'
 FULL SIZE SCALE: 1" = 20'



| REVISION | DATE |
|----------|------|
| | |
| | |
| | |
| | |

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 IL PROJ.: MW-4007

| | | | |
|---------------------|------------------------|--------------|---------------|
| Project No. 1040004 | File Name R-123CON.DWG | Scale 1"=20' | Date 04/06/10 |
| LAYOUT | MLH | 03/18/10 | |
| DRAWN | MLH | 03/18/10 | |
| REVIEWED | RAW/KNL | 03/19/10 | |

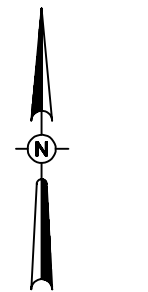
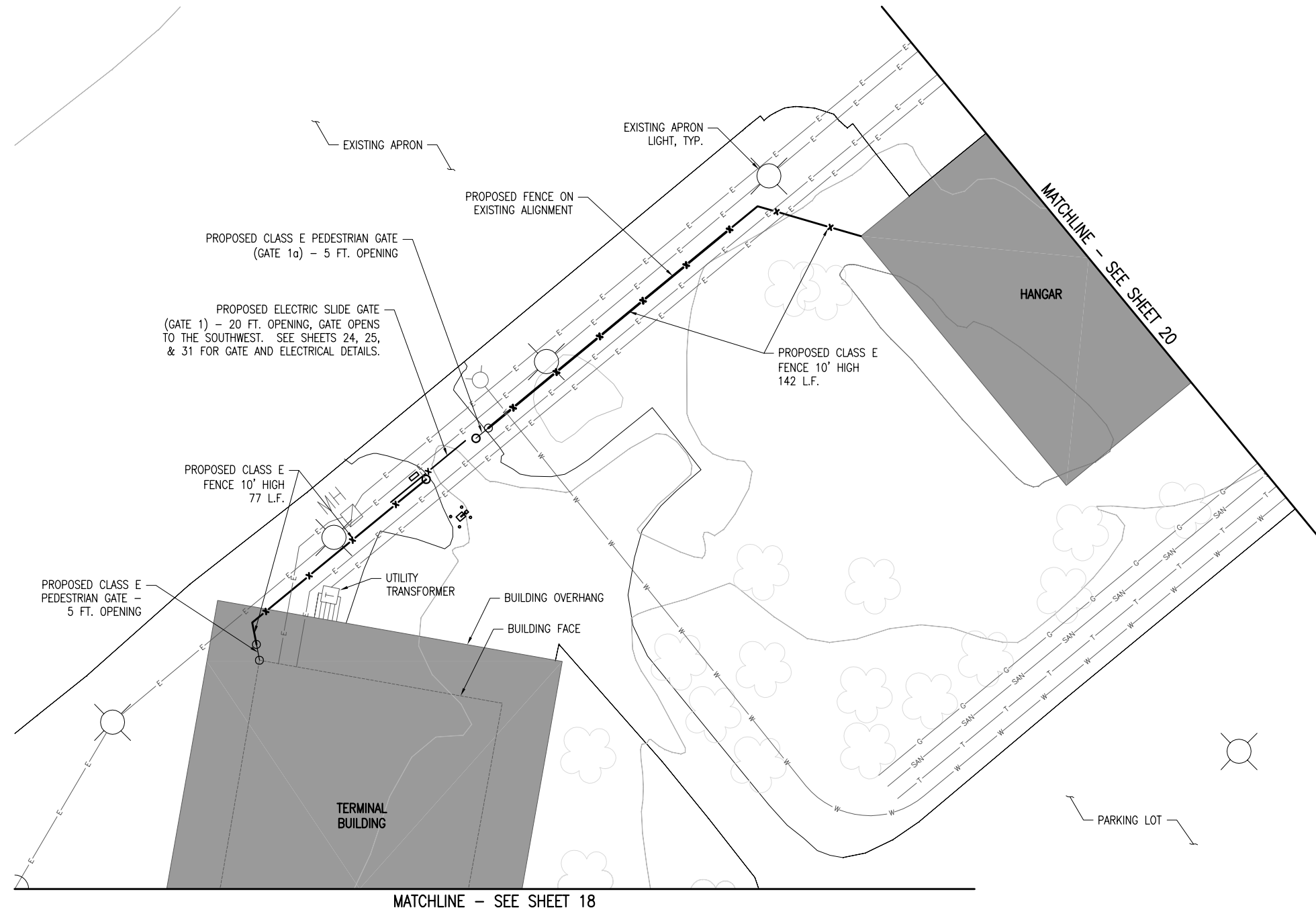
HANSON
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Pht: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

REPLACE PERIMETER FENCE
 TERMINAL AREA FENCING PLAN
 SHEET 1

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. 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 OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

- LEGEND**
- EXISTING PAVEMENT
 - EXISTING BUILDINGS
 - PROPOSED FENCE
 - EXISTING FENCE
 - PROPOSED ELECTRICAL CABLES
 - EXISTING ELECTRICAL CABLES
 - EXISTING STORM SEWER
 - EXISTING SANITARY SEWER
 - EXISTING WATER LINE
 - EXISTING TELEPHONE LINE
 - EXISTING GAS LINE
 - EXISTING MANHOLE
 - EXISTING ELECTRICAL HANDHOLE
 - EXISTING TRANSFORMER
 - EXISTING GATE OPERATOR
 - PROPOSED GATE OPERATOR
 - CARD READER WITH BOLLARDS
 - AIRPORT PROPERTY LINE



0' 10' 20' 40'
 HALF SIZE SCALE: 1" = 40'
 FULL SIZE SCALE: 1" = 20'

APR 26, 2010 3:44 PM HARRI01115
 I:\AIRPORTS\MTEVERNON\1040004\CADD\AIRPORT\SHEET\R-123CON.DWG

| REVISION | DATE |
|----------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 IL PROJ.: MW-4007

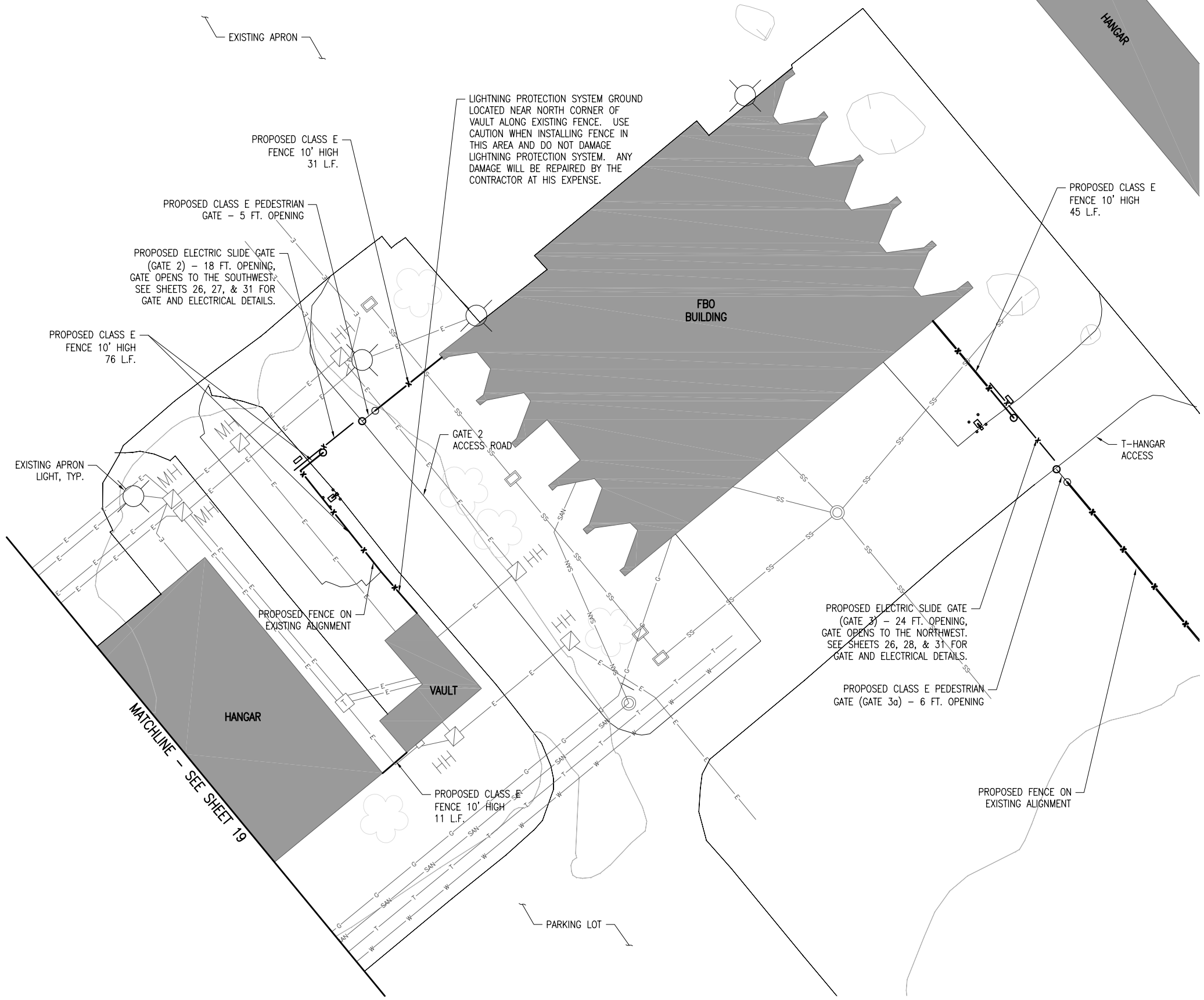
| | |
|------------------------|----------|
| HL Project No. 1040004 | 3/18/10 |
| Filename R-123CON.DWG | MLH |
| Scale 1"=20' | MLH |
| Date 04/06/10 | RAW/KNL |
| LAYOUT | 03/19/10 |
| DRAWN | |
| REVIEWED | |

HANSON
 © Copyright Hanson Professional Services Inc. 2010
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Pht: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

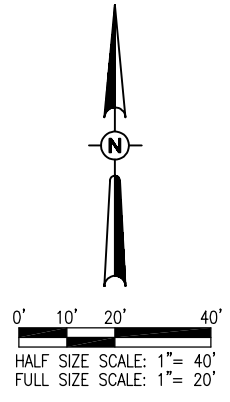
REPLACE PERIMETER FENCE
 TERMINAL AREA FENCING PLAN
 SHEET 2

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. 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 OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.



- LEGEND**
- EXISTING PAVEMENT
 - EXISTING BUILDINGS
 - PROPOSED FENCE
 - EXISTING FENCE
 - PROPOSED ELECTRICAL CABLES
 - EXISTING ELECTRICAL CABLES
 - EXISTING STORM SEWER
 - EXISTING SANITARY SEWER
 - EXISTING WATER LINE
 - EXISTING TELEPHONE LINE
 - EXISTING GAS LINE
 - EXISTING MANHOLE
 - EXISTING ELECTRICAL HANDHOLE
 - EXISTING TRANSFORMER
 - EXISTING GATE OPERATOR
 - PROPOSED GATE OPERATOR
 - CARD READER WITH BOLLARDS
 - AIRPORT PROPERTY LINE



| REVISION | DATE |
|----------|------|
| | |
| | |
| | |

MT. VERNON AIRPORT

MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 MW-4007
 IL PROJ.: 3-17-0074-B22

| | |
|-----------------------|----------|
| Project No. 1040004 | 3/18/10 |
| Filename R-123CON.DWG | 3/18/10 |
| Scale 1"=20' | 03/19/10 |
| Date 04/06/10 | |
| LAYOUT MLH | |
| DRAWN MLH | |
| REVIEWED RAW/KNL | |

HANSON
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Ph: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

REPLACE PERIMETER FENCE
 TERMINAL AREA FENCING PLAN
 SHEET 3

APR 26, 2010 3:44 PM HARR01115
 I:\AIRPORTS\MTVERNON\1040004\CADD\AIRPORT\SHEET\R-123CON.DWG

GENERAL NOTES

FABRIC - THE FABRIC MAY BE WOVEN WITH EITHER ZINC COATED STEEL WIRE OR ALUMINUM-ALLOY WIRE IN A 2-INCH MESH. COATED WIRE AND ALUMINUM-ALLOY SHALL HAVE A DIAMETER OF 0.148 INCHES. THE FABRIC SHALL MEET THE FOLLOWING REQUIREMENTS: (1) ZINC-COATED STEEL FABRIC SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M 181, TYPE 1, CLASS D. (2) ALUMINUM-COATED STEEL FABRIC SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M 181 TYPE II. THE UNIT WEIGHT OF THE COATING SHALL BE DETERMINED IN ACCORDANCE WITH AASHTO T 213. THE ALUMINUM-COATED STEEL FABRIC SHALL BE GIVEN A CLEAR ORGANIC COATING AFTER FABRICATION. (3) ALUMINUM-ALLOY FABRIC SHALL BE MADE FROM WIRE CONFORMING TO THE REQUIREMENTS OF AASHTO M 181 TYPE III.

METAL POSTS - METAL POSTS (LINE, CORNER, END, PULL AND GATE POSTS) SHALL BE THE SHAPES, DIMENSIONS, AND WEIGHT SHOWN IN THE TABLES. (1) STEEL PIPE, TYPE A, SHALL BE HOT-DIPPED GALVANIZED CONFORMING TO THE REQUIREMENTS OF ASTM F 1083. (2) STEEL PIPE, TYPE B, SHALL BE MANUFACTURED FROM COLD ROLLED ELECTRIC RESISTANCE WELDED, HEATED AND TEMPERED STEEL. THE STEEL STRIP USED IN THE MANUFACTURE OF THE PIPE SHALL CONFORM TO ASTM A 569 OR ASTM A 607. THE WALL THICKNESS SHALL NOT BE LESS THAN THAT SHOWN IN THE TABLE. THE PRODUCT OF THE YIELD STRENGTH AND SECTION MODULUS OF THE PIPE SHALL NOT BE LESS THAN THAT OF THE PIPE MEETING THE REQUIREMENTS OF ASTM F 1083. (3) STEEL PIPE, TYPE C, SHALL BE MANUFACTURED BY ROLLED FORMING ALUMINIZED STEEL TYPE 2 STRIP AND ELECTRIC RESISTANCE WELDING INTO TUBULAR FORM. THE OUTSIDE OF THE WELD AREA SHALL BE METALLIZED WITH COMMERCIAL PURE ALUMINUM TO A THICKNESS SUFFICIENT TO PROVIDE RESISTANCE TO CORROSION EQUAL TO THAT OF THE REMAINDER OF THE TUBE. THE ALUMINUM COATING WEIGHT SHALL BE A MINIMUM OF 0.75 OUNCES PER SQUARE FOOT, TRIPLE SPOT TEST, 0.70 OUNCES PER SQUARE FOOT SINGLE SPOT TEST, AS MEASURED IN ACCORDANCE WITH ASTM A 428. THE STEEL STRIP USED IN THE MANUFACTURE OF THE PIPE SHALL CONFORM TO ASTM A 787 TYPE 1 AND SHALL HAVE A MINIMUM YIELD STRENGTH OF 50,000 P.S.I. THE WEIGHT OF THE PIPE SHALL NOT BE LESS THAN THAT SHOWN ON THE PLANS AND THE PRODUCT OF THE YIELD STRENGTH AND SECTION MODULUS OF THE PIPE SHALL NOT BE LESS THAN THAT OF PIPE MEETING THE REQUIREMENTS OF ASTM A 120. (4) STRUCTURAL SHAPES SHALL BE FABRICATED FROM STEEL CONFORMING TO THE REQUIREMENTS OF AASHTO M 281, GRADES A OR B. ROLLED FORMED SECTIONS SHALL BE FABRICATED FROM STEEL CONFORMING TO THE REQUIREMENTS OF ASTM A 570, GRADES 36 THRU 50, WITH A MAXIMUM TENSILE STRENGTH OF 80,000 POUNDS PER SQUARE INCH. ALL STRUCTURAL SHAPES AND ROLLED FORMED SECTIONS SHALL BE GALVANIZED IN ACCORDANCE WITH AASHTO M 111, USING ZINC OF ANY GRADE CONFORMING TO THE REQUIREMENTS OF AASHTO M 120. THE ZINC COATING SHALL BE NOT LESS THAN 2.0 OUNCES PER SQUARE FOOT OF SURFACE. (5) SQUARE HOLLOW STRUCTURAL TUBING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 500, GRADE B OR ASTM A 501. THE TUBING SHALL BE GALVANIZED INSIDE AND OUTSIDE IN ACCORDANCE WITH AASHTO M 111, USING ZINC OF ANY GRADE CONFORMING TO THE REQUIREMENT OF AASHTO M 120. THE ZINC COATING SHALL NOT BE LESS THAN 2.0 OUNCES PER SQUARE FOOT OF SURFACE.

TOP RAILS - THE TOP RAILS SHALL BE 1.625 INCH O.D., GALVANIZED OR ALUMINUM COATED PIPE HAVING A MINIMUM BENDING STRENGTH OF 202 LBS. AT THE CENTER OF A 10 FT. SPAN.

BOTTOM TENSION WIRE - THE BOTTOM TENSION WIRE SHALL BE #9 GAUGE GALVANIZED STEEL WIRE MEETING THE REQUIREMENTS OF AASHTO M 181, THE WIRE SHALL BE STRETCHED TIGHT WITH GALVANIZED TURNBUCKLES SPACED AT INTERVALS NOT MORE THAN 1,000 FEET. THE ZINC COATING SHALL BE NOT LESS THAN 12 OUNCES PER SQUARE FOOT OF SURFACE.

HORIZONTAL BRACES - THE BRACES SHALL BE "STANDARD WEIGHT" GALVANIZED STEEL PIPE MEETING THE SPECIFICATIONS FOR LINE POSTS AND SHALL BE THE SAME DIMENSIONS AND WEIGHT AS REQUIRED FOR THE TOP RAIL.

TRUSS RODS - THE TRUSS RODS SHALL BE 3/8" ROUND GALVANIZED STEEL ROD WITH GALVANIZED TURNBUCKLES. THE ZINC COATING SHALL BE NOT LESS THAN 1.2 OUNCES PER SQUARE FOOT OF SURFACE.

GATE - THE GATE TYPE AND SIZE SHALL CONFORM TO THE DETAILS SHOWN ON THE PLANS AND AS PROVIDED IN THE SPECIAL PROVISIONS.

POST TOPS - THE POST TOPS SHALL BE STEEL OR MALLEABLE IRON OR WROUGHT IRON OR APPROVED TYPE AND SHALL BE GALVANIZED. THE ZINC COATING SHALL BE NOT LESS THAN 1.2 OUNCES PER SQUARE FOOT OF SURFACE.

STRETCHER BARS - THE STRETCHER BARS SHALL BE FLAT GALVANIZED STEEL BARS NOT LESS THAN 1/4" X 3/4" AND THE STRETCHER BAR BANDS SHALL BE FLAT GALVANIZED STEEL BARS NOT LESS THAN 1/8" X 1" WITH A 3/8" DIAMETER GALVANIZED CARRIAGE BOLT. THE ZINC COATING SHALL BE NOT LESS THAN 1.2 OUNCES PER SQUARE FOOT OF SURFACE.

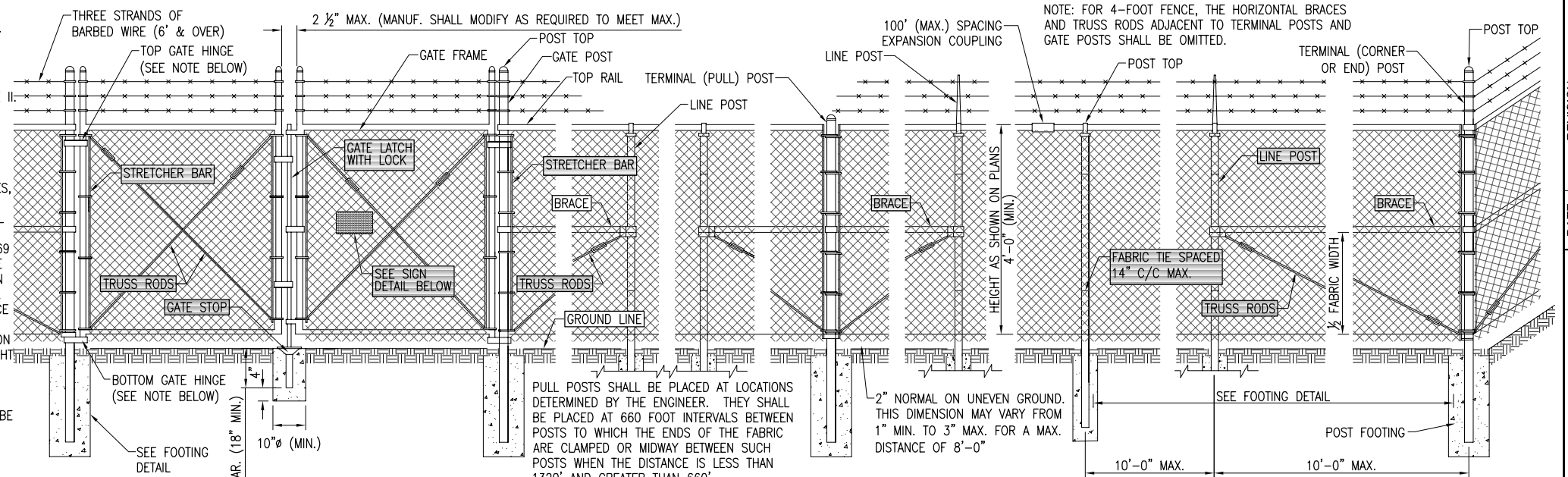
FABRIC TIES - THE FABRIC TIES SHALL BE HOG RINGS, OR ALUMINUM WIRE, OR GALVANIZED STEEL WIRE NOT LESS THAN #9 GAUGE. THE ZINC COATING SHALL BE NOT LESS THAN 1.2 OUNCES PER SQUARE FOOT OF SURFACE.

FITTINGS - THE PERTINENT FITTINGS FOR FENCE AND GATES SHALL BE STEEL OR MALLEABLE IRON OR WROUGHT IRON OR APPROVED TYPE AND SHALL BE GALVANIZED. THE ZINC COATING SHALL BE NOT LESS THAN 1.2 OUNCES PER SQUARE FOOT OF SURFACE IN ACCORDANCE WITH AASHTO M 232.

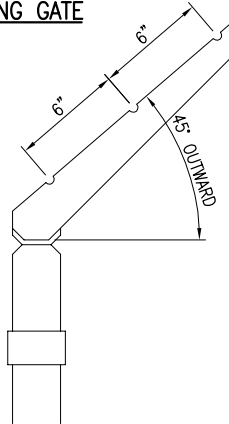
STRUCTURAL P.C. CONCRETE - THE STRUCTURAL P.C. CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF ITEM 610 OF THE STANDARD SPECIFICATIONS.

BOLTS AND NUTS - THE BOLTS AND NUTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 307 AND SHALL BE ZINC COATED IN ACCORDANCE WITH AASHTO M 232 OR M 298, CLASS 50.

BARBED WIRE - BARBED WIRE MAY BE EITHER GALVANIZED STEEL BARBED WIRE OR ALUMINUM-COATED STEEL BARBED WIRE CONSISTING OF 2 STRANDS OF 12 1/2 GAUGE WIRE WITH 4-POINT BARBS OF 14 GAUGE WIRE SPACED 5 INCHES APART CONFORMING TO THE FOLLOWING REQUIREMENTS: (1) GALVANIZED BARBED WIRE SHALL CONFORM TO THE SPECIFICATIONS OF ZINC-COATED (GALVANIZED) STEEL BARBED WIRE, AASHTO M 280, CLASS 3 WITH A MINIMUM COATING OF 0.80 OUNCES PER SQUARE FOOT OF WIRE SURFACE (2) ALUMINUM-COATED STEEL BARBED WIRE SHALL CONFORM TO THE SPECIFICATIONS FOR GALVANIZED STEEL BARBED WIRE, EXCEPT THE WIRE SHALL BE ALUMINUM COATED. THE WIRE SHALL HAVE NOT LESS THAN 0.25 OUNCES OF COATING OF ALUMINUM ALLOY PER SQUARE FOOT OF UNCOATED SURFACE. THE WEIGHT OF THE ALUMINUM ALLOY COATING SHALL BE DETERMINED IN ACCORDANCE WITH AASHTO T 213.



PEDESTRIAN DOUBLE SWING GATE

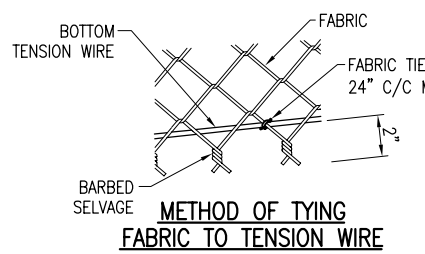


DETAIL - BARBED WIRE ARM OF LINE POST
(ONLY FOR OVER 48" FENCE)

10' FENCE-POST & BRACE TABLE

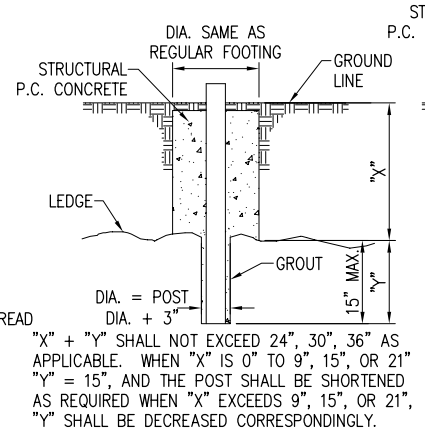
| DESCRIPTION | DIA. - INCH (O.D.) | WT. LBS./FT. |
|---------------|--------------------|--------------|
| LINE POST | 2.875 | 5.79 |
| TERMINAL POST | 4.0 | 9.11 |
| END POST | 4.0 | 9.11 |
| CORNER POST | 4.0 | 9.11 |
| PULL POST | 4.0 | 9.11 |
| GATE POST | 6.625 | 18.97 |
| TOP RAIL | 1.66 | 2.27 |

NOTE: ONLY ROUND POSTS WILL BE PERMITTED.



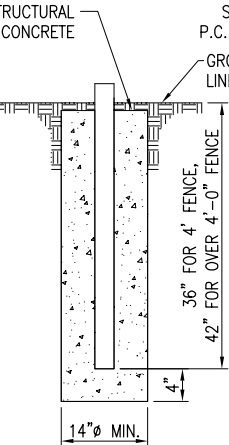
METHOD OF TYING FABRIC TO TENSION WIRE

PULL POST ARRANGEMENT



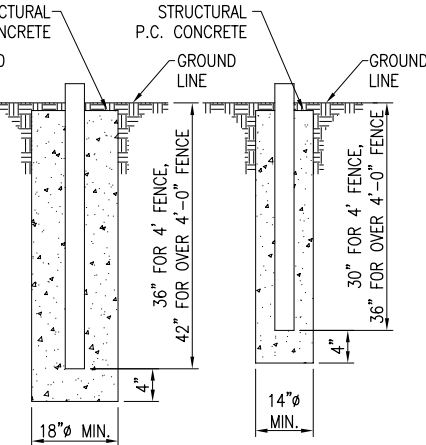
FOOTING FOR POST WHEN ROCK LEDGE IS ENCOUNTERED

LINE POST ARRANGEMENT



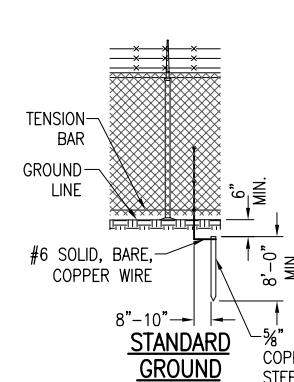
FOOTING FOR TERMINAL POST

CORNER OR END POST ARRANGEMENT

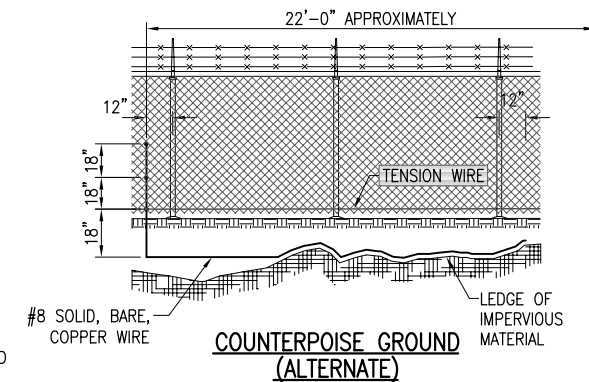


FOOTING FOR GATE POST

FOOTING FOR LINE POST



STANDARD GROUND

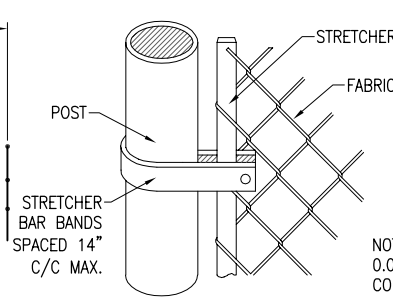


COUNTERPOISE GROUND (ALTERNATE)

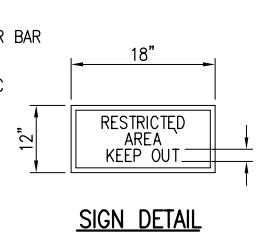
PROTECTIVE ELECTRICAL GROUND

GENERAL NOTE:

CONTINUOUS FENCE SHALL BE GROUNDED AT INTERVALS NOT EXCEEDING 500 FT IN URBAN AREAS AND 1,000 FT IN RURAL AREAS. THERE SHALL BE A GROUND WITHIN 100 FT OF GATES IN EACH SECTION OF THE FENCE ADJACENT TO THE GATE. FENCE UNDER A POWER LINE SHALL BE GROUNDED BY THREE GROUNDS; ONE DIRECTLY UNDER THE CROSSING AND ONE ON EACH SIDE 25 FT TO 50 FT AWAY. A SINGLE GROUND SHALL BE LOCATED DIRECTLY UNDER EACH TELEPHONE WIRE OR CABLE CROSSING. THE COUNTERPOISE GROUND SHALL BE USED ONLY WHERE IT IS IMPOSSIBLE TO DRIVE A GROUND ROD. THE GROUND WIRE SHALL BE CONNECTED TO THE FABRIC AND TENSION WIRE WITH UL LISTED GROUNDING CONNECTORS OF CAST BRONZE BODY AND BRONZE OR STAINLESS STEEL BOLTS AND WASHERS. GROUNDING CONNECTORS SHALL BE SIZED AND SUITABLE FOR THE RESPECTIVE APPLICATION. CONNECTIONS TO GROUND RODS SHALL BE WITH UL LISTED GROUNDING CONNECTORS SUITABLE FOR EXOTHERMIC WELD TYPE CONNECTORS, CADWELD BY ERICO PRODUCTS, INC., DIRECT BURIAL IN EARTH OR SOLON, OHIO, (PHONE 1-800-248-9353), THERMOWELD BY CONTINENTAL INDUSTRIES, INC., TULSA, OKLAHOMA (PHONE 918-663-1440) OR ULTRAWELD BY HARGER, GRAYSLAKE, ILLINOIS (PHONE 1-800-842-7437). EXOTHERMIC WELD CONNECTIONS SHALL BE INSTALLED IN CONFORMANCE WITH THE RESPECTIVE MANUFACTURER'S DIRECTIONS USING MOLDS SUITABLE FOR EACH RESPECTIVE APPLICATION. GROUND RODS SHALL BE 5/8-IN. DIAMETER BY 8 FT LONG (MINIMUM), UL-LISTED, COPPER-CLAD. THE GROUND WIRE USED TO BOND THE FENCE FABRIC AND TENSION WIRE TO THE GROUND ROD SHALL BE #6 AWG BARE SOLID COPPER CONDUCTOR.

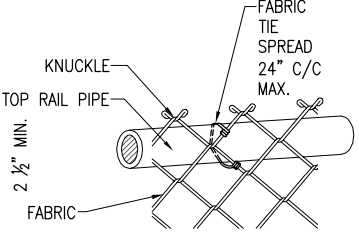


METHOD OF FASTENING STRETCHER BAR TO POST

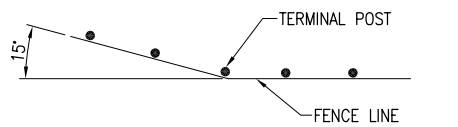


SIGN DETAIL

NOTE: 0.08 GA. ALUMINUM ALLOY SHEET LETTERING COLOR SHALL BE RED. EACH GATE SHALL REQUIRE ONE SIGN. EVERY 400' OF FENCE SHALL REQUIRE ONE SIGN.



METHOD OF TYING FABRIC TO PIPE



WHERE THE FENCE LINE HAS A CHANGE IN DIRECTION OF 15° OR MORE, A TERMINAL POST SHALL BE PLACED AS SHOWN ABOVE. WHERE ANGLE IS LESS THAN 15° AND EXISTING CONDITIONS REQUIRE TERMINAL POST, THEY SHALL BE PLACED AS DIRECTED BY ENGINEER.

APR 26, 2010 3:45 PM HARR01115 \\A\PROJECTS\MTE\NON\1040004\CADD\AIRPORT\SHEETS\R-57\FEN.DWG

REVISION
DATE

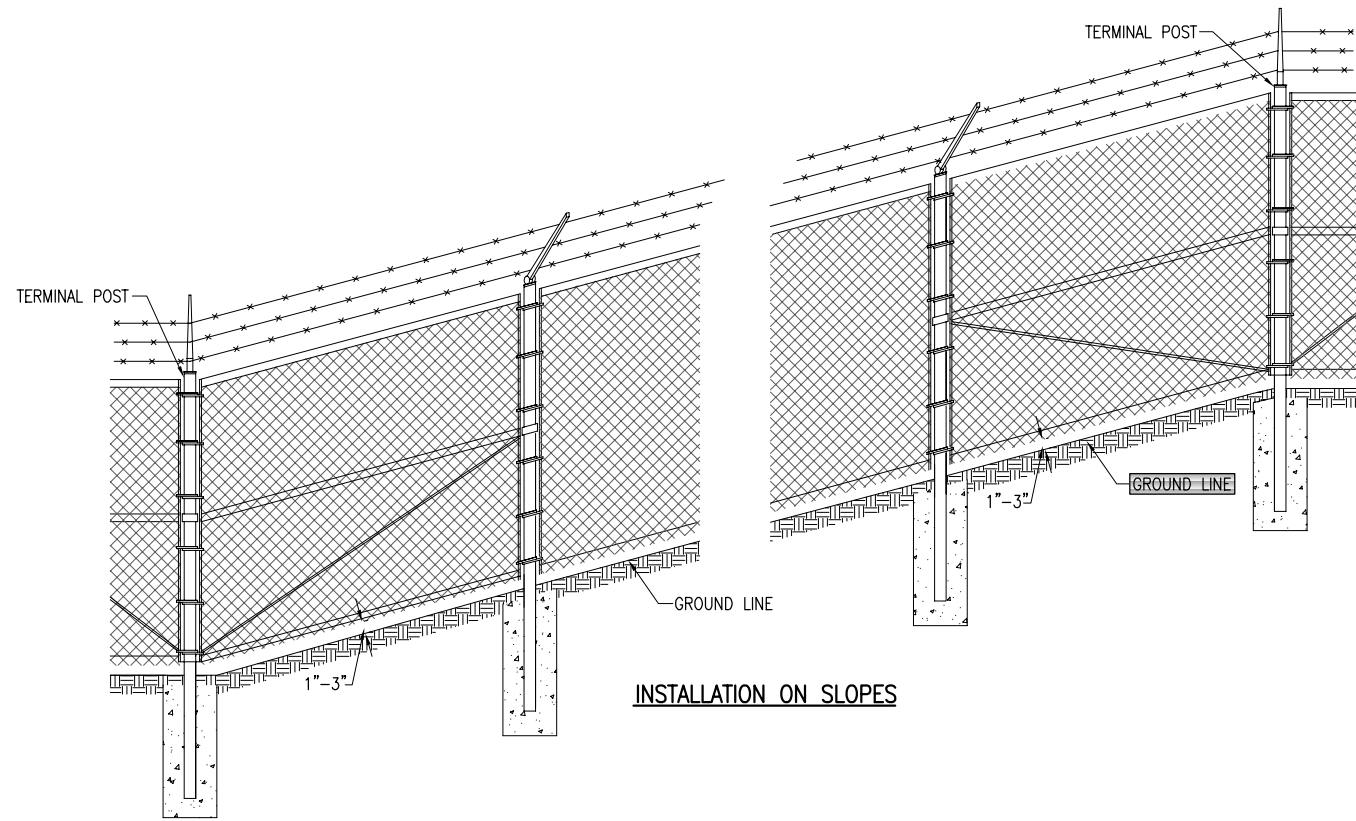
MT. VERNON AIRPORT
HANSON
MT. VERNON, ILLINOIS
A.I.P. PROJ.: 3-17-0074-B22
MWN-4007
IL PROJ.: 03/19/10

Project No. 1040004
Filename R-57\FEN.DWG
Scale NOT TO SCALE
Date 04/16/10

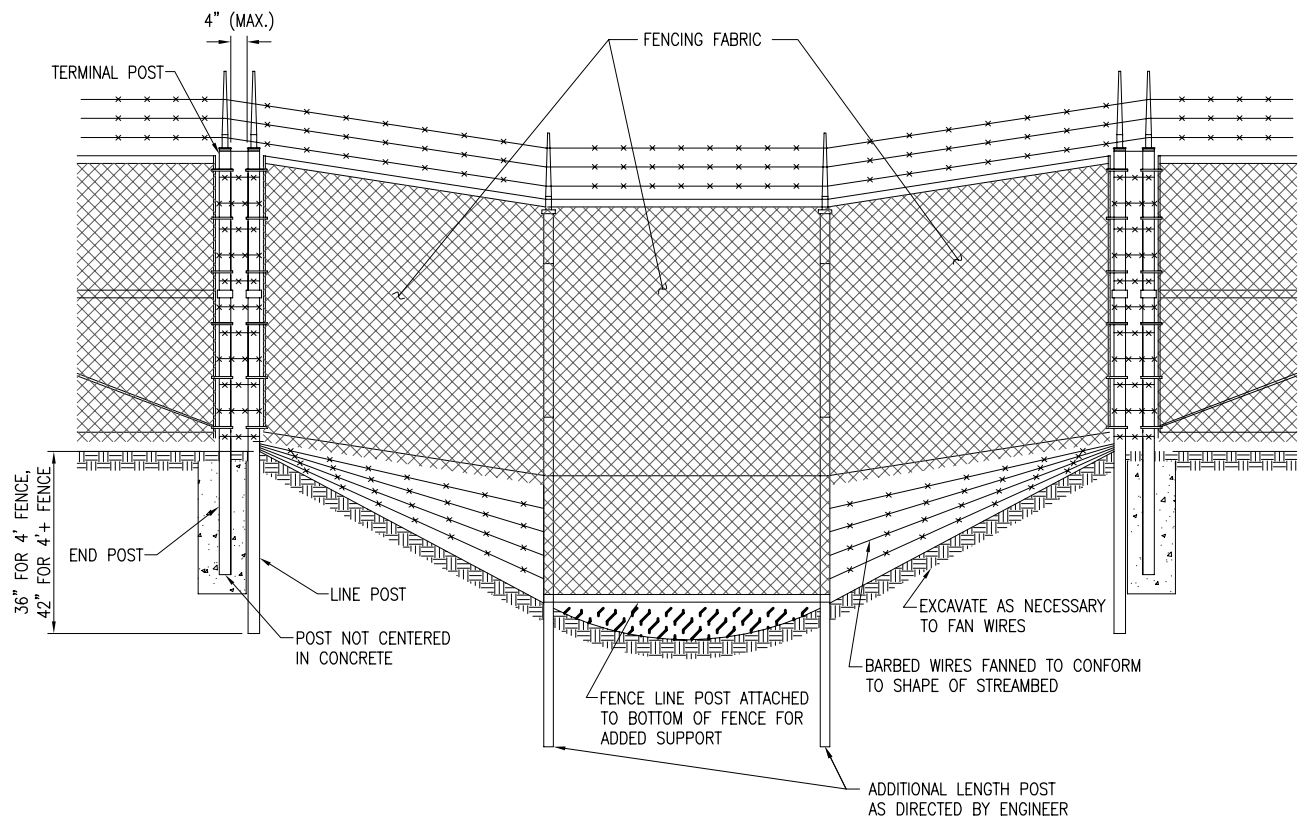
| | | |
|----------|---------|----------|
| LAYOUT | MLH | 03/17/10 |
| DRAWN | MLH | 03/17/10 |
| REVIEWED | RAW/KNL | 03/19/10 |

HANSON
Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Ph: (217) 788-2450 Fax: (217) 788-2503
www.hanson-inc.com
Offices Nationwide

REPLACE PERIMETER FENCE
PROPOSED FENCE
DETAILS



INSTALLATION ON SLOPES



INSTALLATION OVER STREAM (ELEVATION)

THE CHAIN LINK FABRIC SHALL BE REPLACED BY BARBED WIRE STRANDS AT 12" MAXIMUM CENTERS BETWEEN THE DOUBLE POST SHOWN.

APR 26, 2010 3:45 PM HARR01115
 I:\AIRPORTS\MTERNON\1040004\CADD\AIRPORT\SHEET\R-57ZEN.DWG

| DATE | REVISION |
|------|----------|
| | |
| | |
| | |
| | |

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 IL. PROJ.: MVN-4007

| | |
|---|--|
| I.E.I. Project No. 1040004 Filename R-57ZEN.DWG Scale NOT TO SCALE Date 04/16/10 | MLH 03/17/10 MLH 03/17/10 RAW/KNL 03/19/10 |
| LAYOUT | |
| DRAWN | |
| REVIEWED | |

HANSON
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Ph: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

REPLACE PERIMETER FENCE
 PROPOSED FENCE DETAILS

ELECTRICAL LEGEND - ONE-LINE DIAGRAM

| | |
|--|---|
| | CABLE TERMINATOR/LUG, TERMINAL BLOCK, OR SPLICE |
| | TRANSFORMER |
| | DISCONNECT SWITCH |
| | FUSIBLE DISCONNECT SWITCH |
| | CIRCUIT BREAKER |
| | THERMAL MAGNETIC CIRCUIT BREAKER |
| | NORMALLY OPEN (N.O.) CONTACT |
| | NORMALLY CLOSED (N.C.) CONTACT |
| | TOGGLE SWITCH / 2 POSITION SWITCH |
| | FUSE |
| | TRANSIENT VOLTAGE SURGE SUPPRESSOR OR SURGE PROTECTOR DEVICE |
| | GROUND - GROUND ROD, GROUNDING ELECTRODE, OR AT EARTH POTENTIAL |
| | INDICATING LIGHT |
| | MOTOR |
| | LOAD, MOTOR, # = HORSEPOWER |
| | ELECTRIC UTILITY METER BASE |
| | JUNCTION BOX WITH SPLICE OR TERMINALS |
| | EQUIPMENT, XXX = DEVICE DESCRIPTION |
| | GROUND BAR, GROUND BUS OR GROUND TERMINAL |
| | SOLID NEUTRAL, NEUTRAL BUS, OR NEUTRAL TERMINAL |
| | PANELBOARD WITH MAIN LUGS |
| | PANELBOARD WITH MAIN BREAKER |
| | FUSE PANEL WITH MAIN FUSE PULLOUT |
| | DUPLEX RECEPTACLE 120V SINGLE PHASE GROUNDING TYPE |
| | CONTROL STATION |
| | TRANSFER SWITCH: N = NORMAL EM = EMERGENCY L = LOAD |
| | ENGINE GENERATOR SET |

ELECTRICAL LEGEND - PLANS

| | |
|--|---|
| | CONDUIT (EXPOSED) |
| | CONDUIT OR UNIT DUCT (CONCEALED OR BURIED) |
| | DUCT |
| | DUCT |
| | BURIED/UNDERGROUND ELECTRIC |
| | OVERHEAD ELECTRIC |
| | TOGGLE SWITCH |
| | PUSH BUTTON STATION |
| | WALL OR CEILING MT'D. JUNCTION BOX. CONFIGURATION VARIES WITH USE |
| | SINGLE THROW DISCONNECT SWITCH |
| | SINGLE THROW, FUSIBLE DISCONNECT SWITCH |
| | ENCLOSED CIRCUIT BREAKER |
| | MOTOR |
| | TRANSFORMER |
| | ELECTRIC UTILITY METER |
| | ENCLOSURE |
| | CIRCUIT BREAKER PANEL--SEE SCHEDULES |
| | CONTROL PANEL |
| | GROUND ROD |
| | POLE WITH CAMERA |

ELECTRICAL ABBREVIATIONS

| | |
|--------|---|
| A.F.F. | ABOVE FINISHED FLOOR |
| A, AMP | AMPERES |
| ATS | AUTOMATIC TRANSFER SWITCH |
| AWG | AMERICAN WIRE GAUGE |
| BKR | BREAKER |
| C | CONDUIT |
| CB | CIRCUIT BREAKER |
| CKT | CIRCUIT |
| CR | CONTROL RELAY |
| CU | COPPER |
| DPDT | DOUBLE POLE DOUBLE THROW |
| DPST | DOUBLE POLE SINGLE THROW |
| EM | EMERGENCY |
| EMT | ELECTRICAL METALLIC TUBING |
| ENCL | ENCLOSURE |
| EP | EXPLOSION PROOF |
| ES | EMERGENCY STOP |
| ETL | INTERTEK - ELECTRICAL TESTING LABS |
| ETM | ELAPSE TIME METER |
| GFCI | GROUND FAULT CIRCUIT INTERRUPTER |
| GFI | GROUND FAULT INTERRUPTER |
| GND | GROUND |
| GRSC | GALVANIZED RIGID STEEL CONDUIT |
| HID | HIGH INTENSITY DISCHARGE |
| HOA | HAND OFF AUTOMATIC |
| HP | HORSEPOWER |
| HPS | HIGH PRESSURE SODIUM |
| J | JUNCTION BOX |
| KVA | KILOVOLT AMPERE(S) |
| KW | KILOWATTS |
| LC | LIGHTING CONTACTOR |
| LTFMC | LIQUID TIGHT FLEXIBLE METAL CONDUIT (UL LISTED) |
| LTG | LIGHTING |
| LP | LIGHTING PANEL |
| MAX | MAXIMUM |
| MCB | MAIN CIRCUIT BREAKER |
| MCM | THOUSAND CIRCULAR MIL |
| MDP | MAIN DISTRIBUTION PANEL |
| MFR | MANUFACTURER |
| MH | METAL HALIDE |
| MIN | MINIMUM |
| MLO | MAIN LUGS ONLY |
| NEC | NATIONAL ELECTRICAL CODE (NFPA 70) |
| NC | NORMALLY CLOSED |
| NO | NORMALLY OPEN |
| NTS | NOT TO SCALE |
| OHE | OVERHEAD ELECTRIC |
| OL | OVERLOAD |

ELECTRICAL ABBREVIATIONS (CONTINUED)

| | |
|------|------------------------------------|
| PB | PULL BOX |
| PC | PHOTO CELL |
| PDB | POWER DISTRIBUTION BLOCK |
| PNL | PANEL |
| RCPT | RECEPTACLE |
| R | RELAY |
| S | STARTER |
| SPD | SURGE PROTECTION DEVICE |
| SPST | SINGLE POLE SINGLE THROW |
| TVSS | TRANSIENT VOLTAGE SURGE SUPPRESSOR |
| TYP | TYPICAL |
| UG | UNDERGROUND |
| UGE | UNDERGROUND ELECTRIC |
| UL | UNDERWRITER'S LABORATORIES |
| V | VOLTS |
| W/ | WITH |
| W/O | WITHOUT |
| WP | WEATHER PROOF |
| XFER | TRANSFER |
| XFMR | TRANSFORMER |

AIRPORT EQUIPMENT/FACILITY ABBREVIATIONS

| | |
|--------|---|
| ASOS | AUTOMATED SURFACE OBSERVING SYSTEM |
| ATCT | AIR TRAFFIC CONTROL TOWER |
| AWOS | AUTOMATED WEATHER OBSERVING SYSTEM |
| CCR | CONSTANT CURRENT REGULATOR |
| DME | DISTANCE MEASURING EQUIPMENT |
| FAR | FEDERAL AVIATION REGULATION |
| GS | GLIDE SLOPE FACILITY |
| HIRL | HIGH INTENSITY RUNWAY LIGHT |
| ILS | INSTRUMENT LANDING SYSTEM |
| IM | INNER MARKER |
| LIR | LOW IMPACT-RESISTANT |
| LOC | LOCALIZER FACILITY |
| MALS | MEDIUM INTENSITY APPROACH LIGHTING SYSTEM |
| MALSRL | MEDIUM INTENSITY APPROACH LIGHTING SYSTEM WITH RUNWAY ALIGNMENT INDICATING LIGHTS |
| MIRL | MEDIUM INTENSITY RUNWAY LIGHT |
| MITL | MEDIUM INTENSITY TAXIWAY LIGHT |
| NDB | NON-DIRECTIONAL BEACON |
| PAPI | PRECISION APPROACH PATH INDICATOR |
| PLASI | PULSE LIGHT APPROACH SLOPE INDICATOR |
| RAIL | RUNWAY ALIGNMENT INDICATING LIGHTS |
| REIL | RUNWAY END IDENTIFIER LIGHT |
| RVR | RUNWAY VISUAL RANGE |
| VADI | VISUAL APPROACH DESCENT INDICATOR |
| VASI | VISUAL APPROACH SLOPE INDICATOR |
| VOR | VERY HIGH FREQUENCY OMNIDIRECTIONAL RANGE FACILITY |
| WC | WIND CONE |

NOTES:

- ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN CONFORMANCE WITH NFPA 70 - NATIONAL ELECTRICAL CODE (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 WILL NOT BE PERMITTED.
- ALL WORK, POWER OUTAGES, AND/OR SHUT DOWN OF EXISTING SYSTEMS SHALL BE COORDINATED WITH THE AIRPORT DIRECTOR/MANAGER. ONCE SHUT DOWN, THE CIRCUITS SHALL BE LABELED AS SUCH TO PREVENT ACCIDENTAL ENERGIZING OF THE RESPECTIVE CIRCUITS. ALL PERSONNEL SHALL FOLLOW U.S. DEPARTMENT OF LABOR OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION (OSHA) 29 CFR PART 1910 OCCUPATIONAL SAFETY & HEALTH STANDARDS FOR ELECTRICAL SAFETY AND LOCKOUT/TAGOUT PROCEDURES INCLUDING, BUT NOT LIMITED TO, 29 CFR SECTION 1910.147 THE CONTROL OF HAZARDOUS ENERGY (LOCKOUT/TAGOUT).
- COLOR CODE PHASE AND NEUTRAL CONDUCTOR INSULATION FOR NO. 6 AWG OR SMALLER. PROVIDE COLORED INSULATION OR COLORED MARKING TAPE FOR PHASE AND NEUTRAL CONDUCTORS FOR NO. 4 AWG AND LARGER. INSULATED GROUND CONDUCTORS SHALL HAVE GREEN COLORED INSULATION FOR ALL CONDUCTOR AWG AND/OR KCMIL TO COMPLY WITH NEC 250.119. NEUTRAL CONDUCTORS SHALL HAVE WHITE COLORED INSULATION FOR NO. 6 AWG AND SMALLER TO MEET THE REQUIREMENTS OF NEC 200.6. STANDARD COLORS FOR POWER WIRING AND BRANCH CIRCUITS SHALL BE AS FOLLOWS:

 120/240 VAC, 1 PHASE, 3 WIRE
 PHASE A BLACK
 PHASE B RED
 NEUTRAL WHITE
 GROUND GREEN

 208Y/120 VAC, 3 PHASE, 4 WIRE
 PHASE A BLACK
 PHASE B RED
 PHASE C BLUE
 NEUTRAL WHITE
 GROUND GREEN
- SEE RESPECTIVE SITE PLANS FOR SITE LEGEND INFORMATION.
- LTFMC DENOTES LIQUID TIGHT FLEXIBLE METAL CONDUIT UL LISTED, SUNLIGHT RESISTANT, & SUITABLE FOR GROUNDING. LIQUID TIGHT FLEXIBLE METAL CONDUIT AND ASSOCIATED FITTINGS SHALL BE U.L. LISTED TO MEET THE REQUIREMENTS OF NEC 350.6. LIQUID TIGHT FLEXIBLE METAL CONDUIT THAT IS USED FOR FLEXIBILITY (INCLUDING CONNECTIONS TO CCR'S & TRANSFORMERS) SHALL REQUIRE AN EXTERNAL BONDING JUMPER OR INTERNAL EQUIPMENT GROUNDING CONDUCTOR PER NEC 350.60. EXTERNAL BONDING JUMPERS USED WITH CCR INSTALLATIONS SHALL BE #6 AWG COPPER (MINIMUM). DO NOT INSTALL LTFMC THAT IS NOT UL LISTED. CONFIRM LTFMC BEARS THE UL LABEL PRIOR TO INSTALLATION.
- ALL ENCLOSURES RATED NEMA 4, 4X SHALL HAVE WATERTIGHT HUBS AT CONDUIT ENTRANCES U.L. LISTED NEMA 4, 4X FOR THE RESPECTIVE ENCLOSURE, TO MAINTAIN THE NEMA 4, 4X RATING.
- HIGH VOLTAGE & LOW VOLTAGE CIRCUITS SHALL NOT BE INSTALLED IN THE SAME WIREWAY, CONDUIT, DUCT, OR HANDHOLE.
- PER NEC 513 THE ENTIRE AREA OF A HANGAR INCLUDING ANY ADJACENT AND COMMUNICATING AREAS NOT SUITABLY CUT OFF FROM THE HANGAR, SHALL BE CLASSIFIED AS A CLASS I, DIVISION 2 HAZARDOUS LOCATION UP TO A LEVEL 18 INCHES ABOVE THE FLOOR, PER NEC 513.3(C) "VICINITY OF AIRCRAFT", THE AREA WITHIN 5 FT. HORIZONTALLY FROM AIRCRAFT POWER PLANTS OR AIRCRAFT FUEL TANKS SHALL BE CLASSIFIED AS A CLASS I, DIVISION 2 LOCATION THAT SHALL EXTEND UPWARD FROM THE FLOOR TO A LEVEL 5FT. ABOVE THE UPPER SURFACE OF WINGS AND OF ENGINE ENCLOSURES. 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 OTHER APPLICABLE CODES AND REQUIREMENTS.

APR 26, 2010 3:52 PM HARRI01115
I:\AIRPORTS\MTVERNON\1040004\CADD\AIRPORT\SHEET\E-001.DWG

| | | | | | |
|---|---|------|-------------------------------------|--|--|
| REVISION | | DATE | | | |
| MT. VERNON, ILLINOIS A.I.P. PROJ.: 3-17-0074-B22 MW-4007 IL PROJ.: | | | | | |
| IEL Project No. 1040004 Filename E-001.DWG Scale NO SCALE Date 04/16/10 | PIG 3/11/10 PUG 3/11/10 RAN/KGNL 05/12/10 | | | | |
| © Copyright Hanson Professional Services Inc. 2010 Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62703-2886 Pht: (217) 788-2450 Fax: (217) 788-2503 www.hanson-inc.com Offices Nationwide | | | | | |
| REPLACE PERIMETER FENCE | | | ELECTRICAL LEGEND AND ABBREVIATIONS | | |
| 23 | | | | | |
| 23 of 35 sheets | | | | | |

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. 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 OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

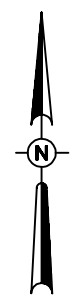
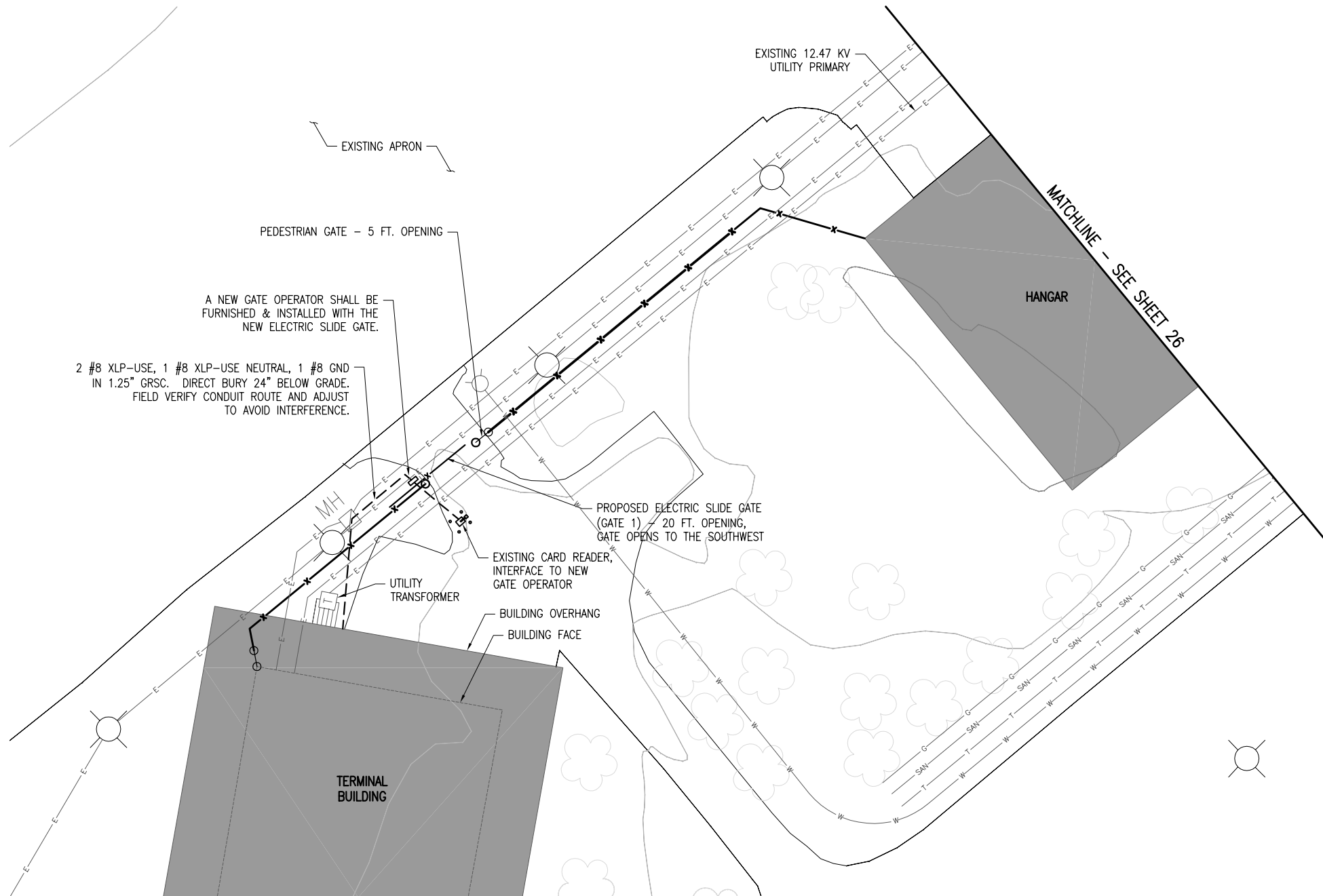
ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS.
2. EXISTING DETECTOR LOOPS SHALL BE REMOVED & REPLACED WITH NEW DETECTOR LOOPS.
3. SEE "PROPOSED ELECTRIC SLIDE GATE DETAILS" SHEETS FOR EACH RESPECTIVE GATE FOR ADDITIONAL REQUIREMENTS ON ELECTRIC SLIDE GATE WORK.

LEGEND

- EXISTING PAVEMENT
- EXISTING BUILDINGS
- PROPOSED FENCE
- EXISTING FENCE
- PROPOSED ELECTRICAL CABLES
- EXISTING ELECTRICAL CABLES
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING WATER LINE
- EXISTING TELEPHONE LINE
- EXISTING GAS LINE
- EXISTING MANHOLE
- EXISTING ELECTRICAL HANDHOLE/MANHOLE
- EXISTING TRANSFORMER
- EXISTING GATE OPERATOR
- PROPOSED GATE OPERATOR
- CARD READER WITH BOLLARDS
- AIRPORT PROPERTY LINE



0' 10' 20' 40'
 HALF SIZE SCALE: 1" = 40'
 FULL SIZE SCALE: 1" = 20'

APR 26, 2010 3:52 PM HARR01115 \\AIRPORTS\MTEVERNON\1040004\CADD\AIRPORT\SHEET\E-101.DWG

| REVISION | DATE |
|----------|------|
| | |
| | |
| | |
| | |

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 MW-4007
 I.L. PROJ.:

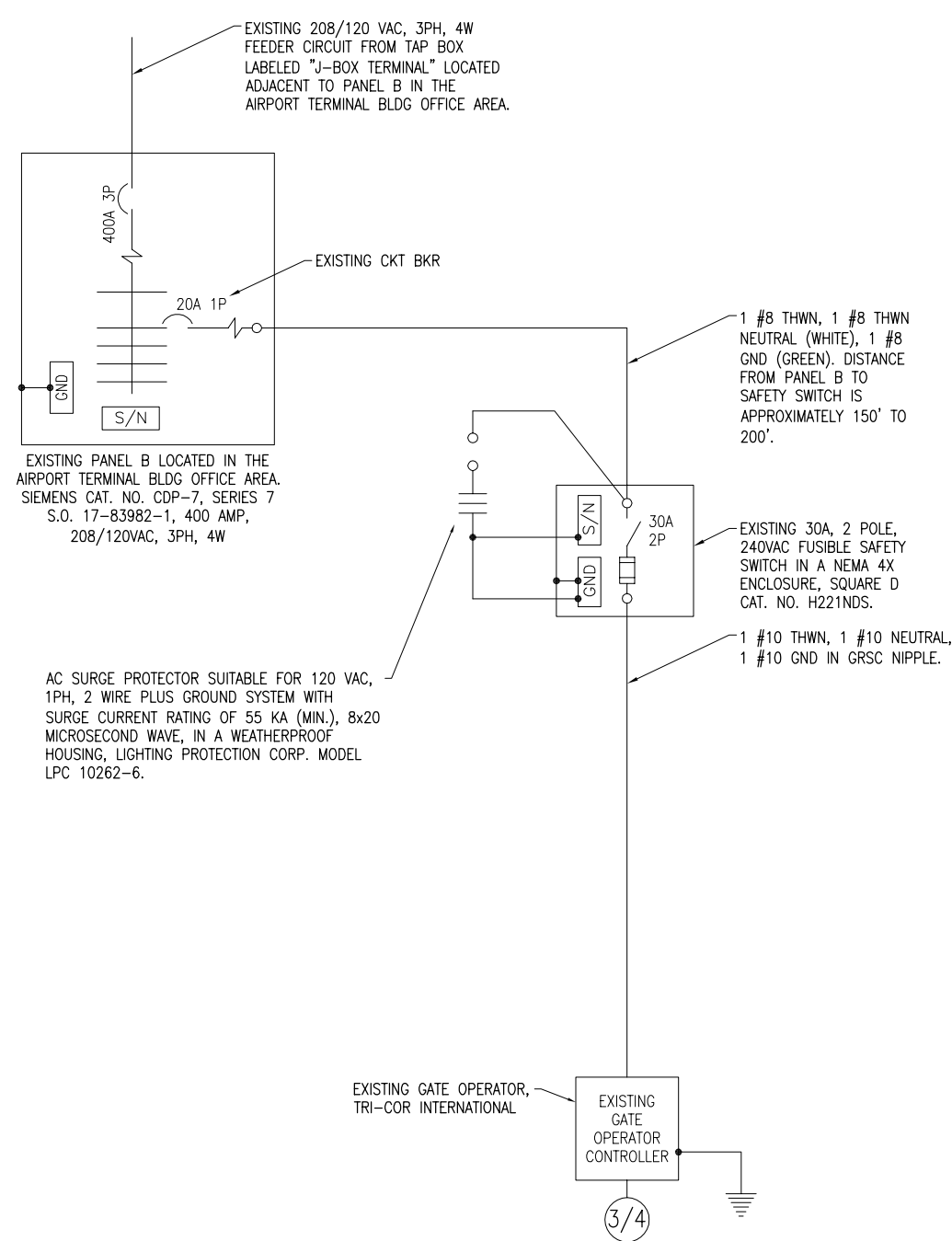
| | | |
|---------------------|----------|----------|
| Project No. 1040004 | PIG | 3/18/10 |
| Filename E-101.DWG | PIG | 3/18/10 |
| Scale 1"=20' | REVISED | 05/18/10 |
| Date 04/06/10 | LAYOUT | |
| | DRAWN | |
| | REVIEWED | |

HANSON
 © Copyright Hanson Professional Services Inc. 2010
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Ph: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

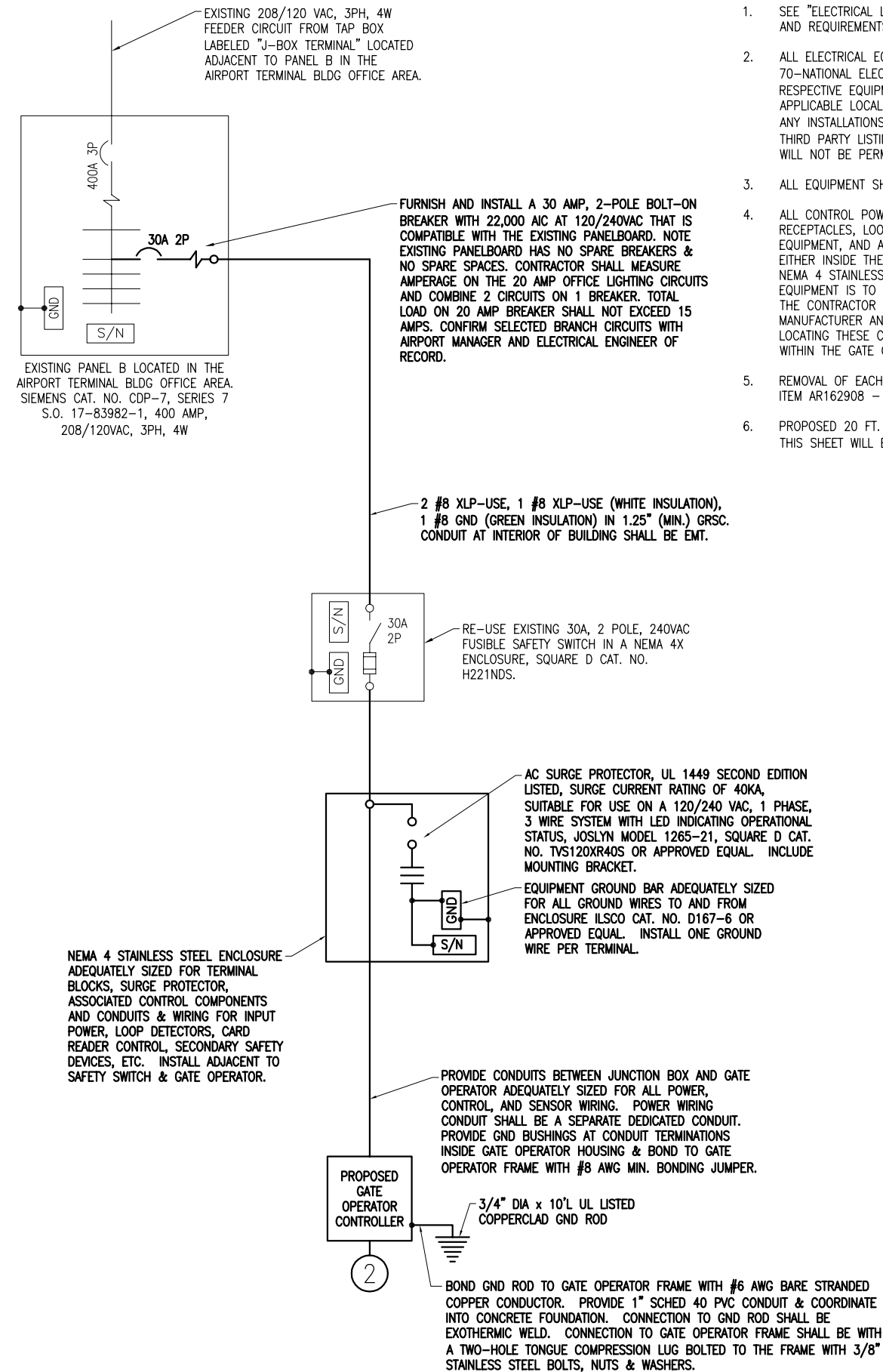
REPLACE PERIMETER FENCE
 GATE 1
 PROPOSED ELECTRICAL SITE PLAN

NOTES

- SEE "ELECTRICAL LEGEND AND ABBREVIATIONS" SHEET FOR GENERAL NOTES AND REQUIREMENTS.
- ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN CONFORMANCE WITH NFPA 70-NATIONAL ELECTRICAL CODE (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 WILL NOT BE PERMITTED.
- ALL EQUIPMENT SHOWN NOT LABELED AS EXISTING IS NEW.
- ALL CONTROL POWER TRANSFORMERS, POWER SUPPLIES, SIMPLEX RECEPTACLES, LOOP DETECTOR AMPLIFIERS, SECONDARY SAFETY DEVICE EQUIPMENT, AND ANY OTHER ASSOCIATED CONTROLS SHALL BE INSTALLED EITHER INSIDE THE GATE OPERATOR CONTROL PANEL OR INSIDE A SEPARATE NEMA 4 STAINLESS STEEL CONTROL PANEL ENCLOSURE. WHERE THE CONTROL EQUIPMENT IS TO BE INSTALLED INSIDE THE GATE OPERATOR CONTROL PANEL THE CONTRACTOR SHALL COORDINATE THIS WITH THE GATE OPERATOR MANUFACTURER AND THE RESPECTIVE GATE OPERATOR EQUIPMENT SUPPLIER. LOCATING THESE CONTROLS OUTSIDE OF GATE OPERATOR CONTROL PANEL BUT WITHIN THE GATE OPERATOR HOUSING WILL NOT MEET THIS REQUIREMENT.
- REMOVAL OF EACH EXISTING ELECTRIC SLIDE GATE WILL BE PAID FOR UNDER ITEM AR162908 - REMOVE ELECTRIC GATE.
- PROPOSED 20 FT. ELECTRIC SLIDE GATE AND ASSOCIATED WORK SHOWN ON THIS SHEET WILL BE PAID FOR UNDER ITEM AR162720 ELECTRIC GATE - 20'.



EXISTING ELECTRICAL ONE LINE DIAGRAM FOR GATE #1 OPERATOR



PROPOSED ELECTRICAL ONE LINE DIAGRAM FOR GATE #1 OPERATOR

| REVISION | DATE |
|----------|------|
| | |
| | |
| | |
| | |
| | |

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 IL PROJ.: MVN-4007

| PROJECT No. | DATE | BY | DATE | BY |
|-------------|----------|---------|----------|---------|
| 10A0004 | 04/16/10 | PJC | 3/11/10 | PJC |
| E-601.DWG | 04/16/10 | RAV/NSL | 05/12/10 | RAV/NSL |
| NO SCALE | | | | |
| | | | | |

HANSON
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Pht: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

REPLACE PERIMETER FENCE
 GATE 1
 ELECTRICAL ONE LINE

APR 26, 2010 3:52 PM HARR01115
 I:\AIRPORTS\MTVERNON\10A0004\CADD\AIRPORT\SHEET\E-601.DWG

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. 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 OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

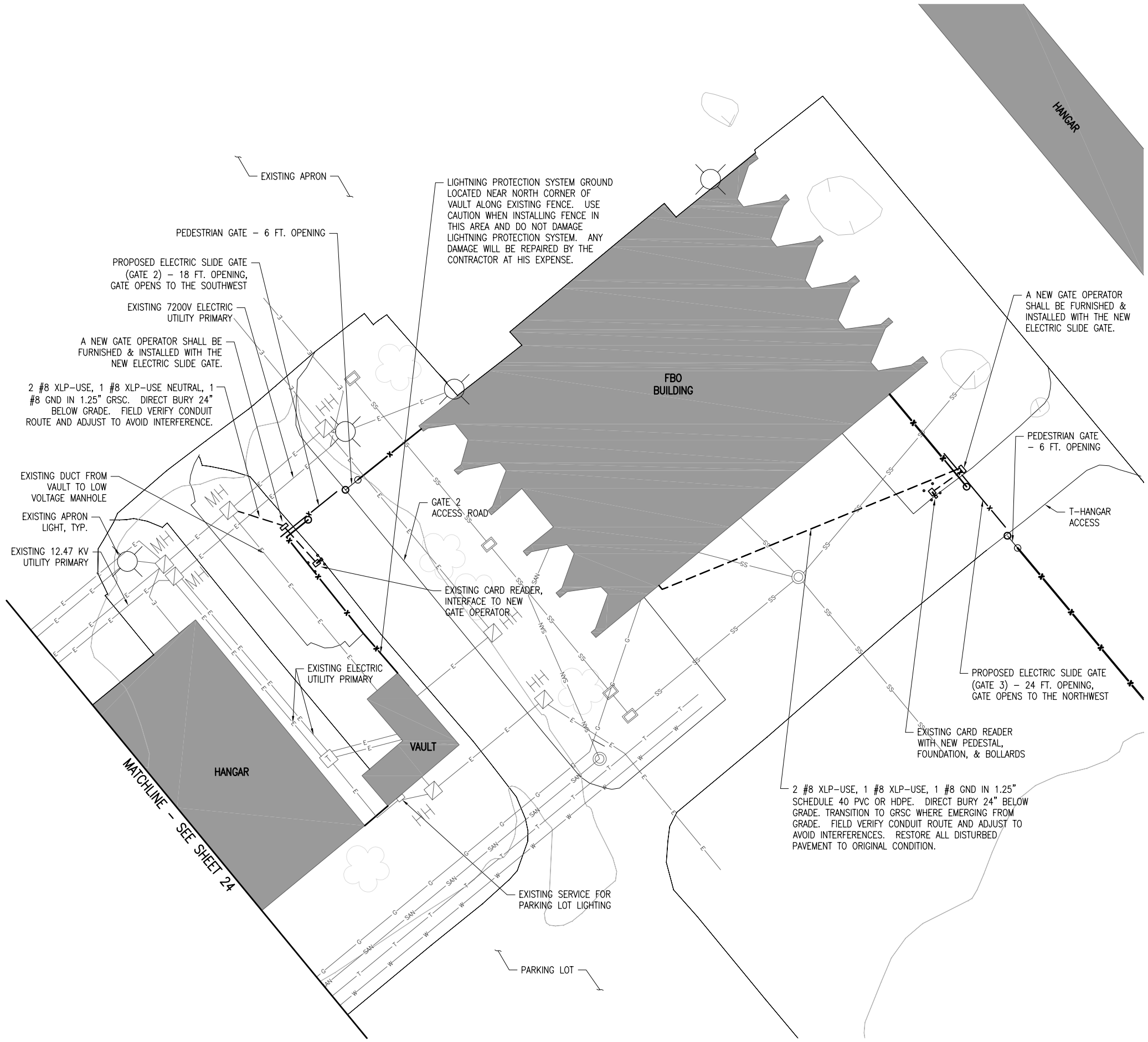
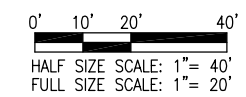
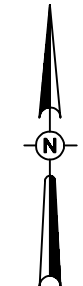
ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS.
2. EXISTING DETECTOR LOOPS SHALL BE REMOVED & REPLACED WITH NEW DETECTOR LOOPS.
3. SEE "PROPOSED ELECTRIC SLIDE GATE DETAILS" SHEETS FOR EACH RESPECTIVE GATE FOR ADDITIONAL REQUIREMENTS ON ELECTRIC SLIDE GATE WORK.

LEGEND

- EXISTING PAVEMENT
- EXISTING BUILDINGS
- PROPOSED FENCE
- EXISTING FENCE
- PROPOSED ELECTRICAL CABLES
- EXISTING ELECTRICAL CABLES
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING WATER LINE
- EXISTING TELEPHONE LINE
- EXISTING GAS LINE
- EXISTING MANHOLE
- EXISTING ELECTRICAL HANDHOLE/MANHOLE
- EXISTING TRANSFORMER
- EXISTING GATE OPERATOR
- PROPOSED GATE OPERATOR
- CARD READER WITH BOLLARDS
- AIRPORT PROPERTY LINE



APR 26, 2010 3:52 PM HARR01115 \\A\AIRPORTS\MTVERNON\1040004\CADD\AIRPORT\SHEET\E-101.DWG

| DATE | REVISION |
|------|----------|
| | |
| | |
| | |

MT. VERNON AIRPORT

MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 MW-4007
 IL PROJ.:

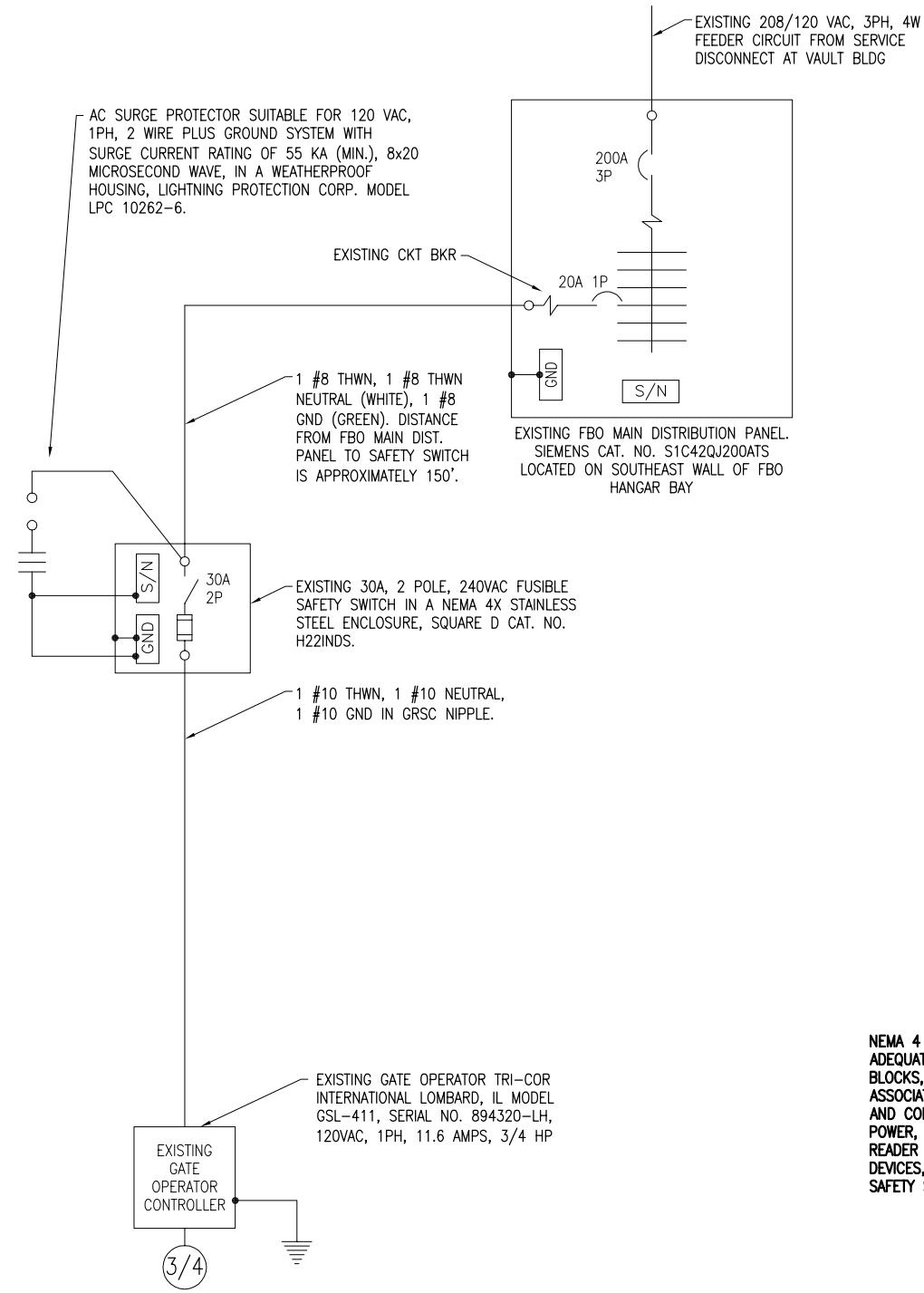
| | | | |
|---------------------------|--|--|--|
| Project No. 1040004 | | | |
| File Name E-101.DWG | | | |
| Scale 1"=20' | | | |
| Date 04/06/10 | | | |
| LAYOUT PJC 3/18/10 | | | |
| DRAWN PJC 3/18/10 | | | |
| REVIEWED RAN/BNL 05/18/10 | | | |

HANSON
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Ph: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

REPLACE PERIMETER FENCE
 GATES 2 & 3
 PROPOSED ELECTRICAL SITE PLAN

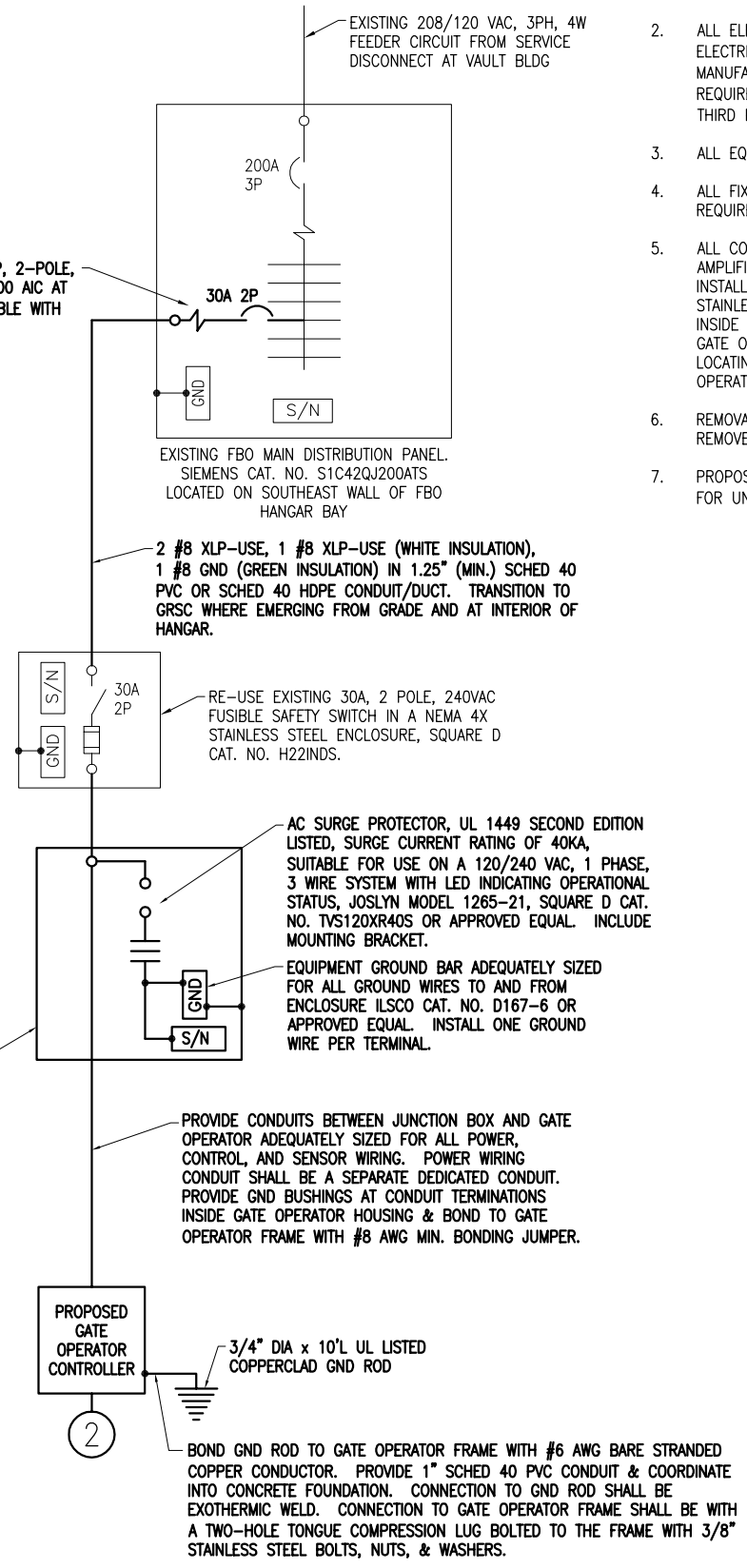
NOTES

- SEE "ELECTRICAL LEGEND AND ABBREVIATIONS" SHEET FOR GENERAL NOTES AND REQUIREMENTS.
- ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN CONFORMANCE WITH NFPA 70-NATIONAL ELECTRICAL CODE (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 WILL NOT BE PERMITTED.
- ALL EQUIPMENT SHOWN NOT LABELED AS EXISTING IS NEW.
- ALL FIXED WIRING IN THE RESPECTIVE HANGAR SHALL BE IN METAL RACEWAYS TO COMPLY WITH THE REQUIREMENTS OF NEC 513.7.
- ALL CONTROL POWER TRANSFORMERS, POWER SUPPLIES, SIMPLEX RECEPTACLES, LOOP DETECTOR AMPLIFIERS, SECONDARY SAFETY DEVICE EQUIPMENT, AND ANY OTHER ASSOCIATED CONTROLS SHALL BE INSTALLED EITHER INSIDE THE GATE OPERATOR CONTROL PANEL OR INSIDE A SEPARATE NEMA 4 STAINLESS STEEL CONTROL PANEL ENCLOSURE. WHERE THE CONTROL EQUIPMENT IS TO BE INSTALLED INSIDE THE GATE OPERATOR CONTROL PANEL THE CONTRACTOR SHALL COORDINATE THIS WITH THE GATE OPERATOR MANUFACTURER AND THE RESPECTIVE GATE OPERATOR EQUIPMENT SUPPLIER. LOCATING THESE CONTROLS OUTSIDE OF GATE OPERATOR CONTROL PANEL BUT WITHIN THE GATE OPERATOR HOUSING WILL NOT MEET THIS REQUIREMENT.
- REMOVAL OF EACH EXISTING ELECTRIC SLIDE GATE WILL BE PAID FOR UNDER ITEM AR162908 - REMOVE ELECTRIC GATE.
- PROPOSED 24 FT. ELECTRIC SLIDE GATE AND ASSOCIATED WORK SHOWN ON THIS SHEET WILL BE PAID FOR UNDER ITEM AR162724 ELECTRIC GATE - 24'.



EXISTING ELECTRICAL ONE LINE DIAGRAM FOR GATE #3 OPERATOR

FURNISH & INSTALL A 30 AMP, 2-POLE, BOLT-ON BREAKER WITH 10,000 AIC AT 120/240VAC THAT IS COMPATIBLE WITH THE EXISTING PANELBOARD.



PROPOSED ELECTRICAL ONE LINE DIAGRAM FOR GATE #3 OPERATOR

APR 26, 2010 3:53 PM HARR01115 \\A\PORTS\MTE\NON\1040004\CADD\AIRPORT\SHEET\E-603.DWG

| REVISION | |
|----------|--|
| DATE | |

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 IL PROJ.: MW-4007

| | | |
|-------------------------|----------|----------|
| HEI Project No. 1040004 | FILED | 3/11/10 |
| Filename E-603.DWG | NO SCALE | 3/11/10 |
| Scale | 04/16/10 | |
| Date | | |
| LAYOUT | PJC | 05/12/10 |
| DRAWN | PJC | |
| REVIEWED | RAW/KNL | |

HANSON
 © Copyright Hanson Professional Services Inc. 2010
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Pht: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

REPLACE PERIMETER FENCE
 GATE 3
 ELECTRICAL ONE LINE

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. 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 OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

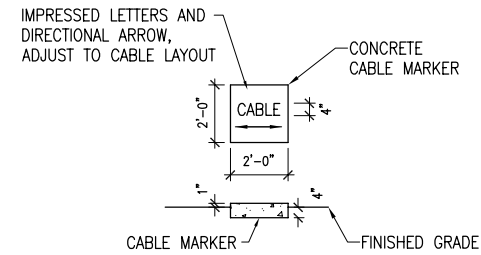
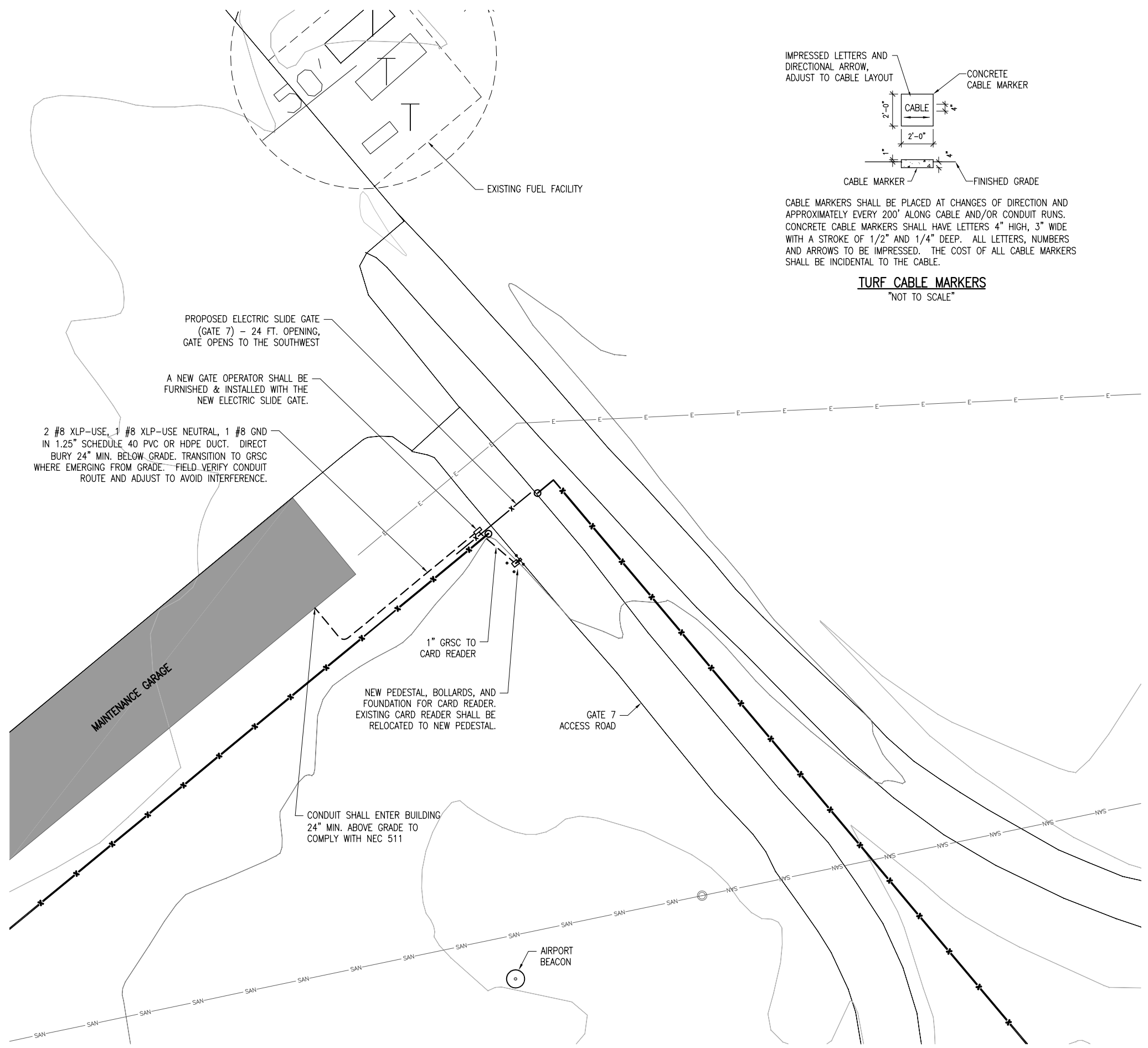
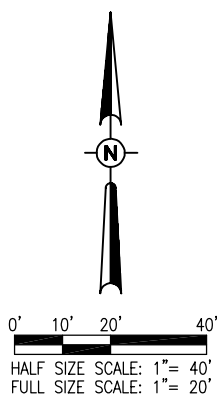
ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS.
2. EXISTING DETECTOR LOOPS SHALL BE REMOVED & REPLACED WITH NEW DETECTOR LOOPS.
3. SEE "PROPOSED ELECTRIC SLIDE GATE DETAILS" SHEETS FOR EACH RESPECTIVE GATE FOR ADDITIONAL REQUIREMENTS ON ELECTRIC SLIDE GATE WORK. SEE "PROPOSED PEDESTRIAN SWING GATE WITH LOCK DETAILS" SHEET FOR ADDITIONAL REQUIREMENTS ON PEDESTRIAN GATE WITH LOCK WORK.

LEGEND

- EXISTING PAVEMENT
- EXISTING BUILDINGS
- PROPOSED FENCE
- EXISTING FENCE
- PROPOSED ELECTRICAL CABLES
- EXISTING ELECTRICAL CABLES
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING WATER LINE
- EXISTING TELEPHONE LINE
- EXISTING GAS LINE
- EXISTING MANHOLE
- EXISTING ELECTRICAL HANDHOLE/MANHOLE
- EXISTING TRANSFORMER
- EXISTING GATE OPERATOR
- PROPOSED GATE OPERATOR
- CARD READER WITH BOLLARDS
- AIRPORT PROPERTY LINE



CABLE MARKERS SHALL BE PLACED AT CHANGES OF DIRECTION AND APPROXIMATELY EVERY 200' ALONG CABLE AND/OR CONDUIT RUNS. CONCRETE CABLE MARKERS SHALL HAVE LETTERS 4" HIGH, 3" WIDE WITH A STROKE OF 1/2" AND 1/4" DEEP. ALL LETTERS, NUMBERS AND ARROWS TO BE IMPRESSED. THE COST OF ALL CABLE MARKERS SHALL BE INCIDENTAL TO THE CABLE.

TURF CABLE MARKERS
"NOT TO SCALE"

APR 26, 2010 3:53 PM HARR01115 \\AIRPORTS\MTEVERNON\1040004\CADD\AIRPORT\SHEET\E-101.DWG

| REVISION | DATE |
|----------|------|
| | |
| | |
| | |

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 IL PROJ.: MW-4007

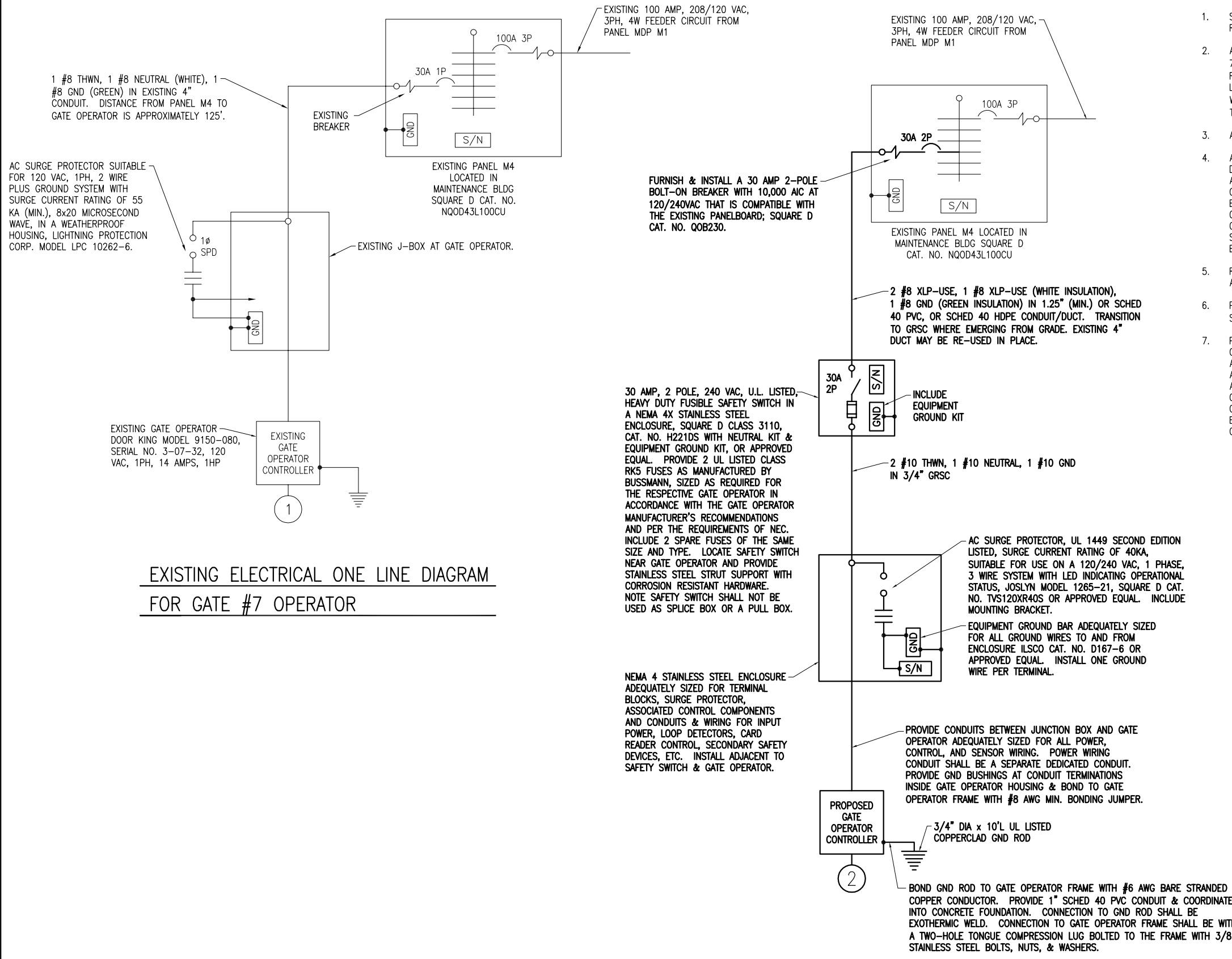
| | | |
|-------------------------|----------|----------|
| HEI Project No. 1040004 | PJC | 3/18/10 |
| Filename: E-101.DWG | PJC | 3/18/10 |
| Scale: 1"=20' | RAW/NGL | 03/18/10 |
| Date: 04/06/10 | REVIEWED | |
| | LAYOUT | |
| | DRAWN | |

HANSON
 © Copyright Hanson Professional Services Inc. 2010
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Pht: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

REPLACE PERIMETER FENCE
 GATE 7
 PROPOSED ELECTRICAL SITE PLAN

NOTES

- SEE "ELECTRICAL LEGEND AND ABBREVIATIONS" SHEET FOR GENERAL NOTES AND REQUIREMENTS.
- ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN CONFORMANCE WITH NFPA 70-NATIONAL ELECTRICAL CODE (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 WILL NOT BE PERMITTED.
- ALL EQUIPMENT SHOWN NOT LABELED AS EXISTING IS NEW.
- ALL CONTROL POWER TRANSFORMERS, POWER SUPPLIES, SIMPLEX RECEPTACLES, LOOP DETECTOR AMPLIFIERS, SECONDARY SAFETY DEVICE EQUIPMENT, AND ANY OTHER ASSOCIATED CONTROLS SHALL BE INSTALLED EITHER INSIDE THE GATE OPERATOR CONTROL PANEL OR INSIDE A SEPARATE NEMA 4 STAINLESS STEEL CONTROL PANEL ENCLOSURE. WHERE THE CONTROL EQUIPMENT IS TO BE INSTALLED INSIDE THE GATE OPERATOR CONTROL PANEL THE CONTRACTOR SHALL COORDINATE THIS WITH THE GATE OPERATOR MANUFACTURER AND THE RESPECTIVE GATE OPERATOR EQUIPMENT SUPPLIER. LOCATING THESE CONTROLS OUTSIDE OF GATE OPERATOR CONTROL PANEL BUT WITHIN THE GATE OPERATOR HOUSING WILL NOT MEET THIS REQUIREMENT.
- REMOVAL OF EACH EXISTING ELECTRIC SLIDE GATE WILL BE PAID FOR UNDER ITEM AR162908 - REMOVE ELECTRIC GATE.
- PROPOSED 24 FT. ELECTRIC SLIDE GATE AND ASSOCIATED WORK SHOWN ON THIS SHEET WILL BE PAID FOR UNDER ITEM AR162724 ELECTRIC GATE - 24'.
- PER NEC 511 THE GARAGE AREA OF THE MAINTENANCE GARAGE IS CLASSIFIED AS A CLASS I, DIVISION 2, GROUP D HAZARDOUS LOCATION FOR A LEVEL OF 18 INCHES ABOVE THE FLOOR. ALL ELECTRICAL INSTALLATIONS SHALL CONFORM TO THE APPLICABLE SECTIONS OF NEC 500, 501 AND 511 IN ADDITION TO THE OTHER APPLICABLE SECTIONS OF NEC. WHERE ELECTRICAL EQUIPMENT IS INSTALLED IN A CLASSIFIED HAZARDOUS LOCATION IT SHALL BE SUITABLE FOR USE IN THE RESPECTIVE CLASSIFIED HAZARDOUS LOCATION. WHERE POSSIBLE, AVOID INSTALLATION OF ELECTRICAL EQUIPMENT, RACEWAYS AND WIRING IN THE CLASSIFIED HAZARDOUS AREAS OF THE FACILITY.



EXISTING ELECTRICAL ONE LINE DIAGRAM FOR GATE #7 OPERATOR

PROPOSED ELECTRICAL ONE LINE FOR GATE #7 OPERATOR

| REVISION | DATE |
|----------|------|
| | |
| | |
| | |

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 MW-4007
 I.L. PROJ.: 3-17-0074-B22

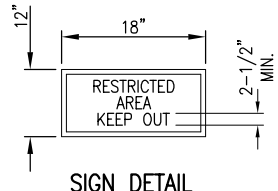
| | | |
|---------------------|----------|----------|
| Project No. 10A0004 | Scale | 3/11/10 |
| File Name E-604.DWG | NO SCALE | 3/11/10 |
| Scale | 04/16/10 | 05/12/10 |
| Date | | |
| LAYOUT | PJG | |
| DRAWN | PJG | |
| REVIEWED | RANKIN | |

HANSON
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Ph: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

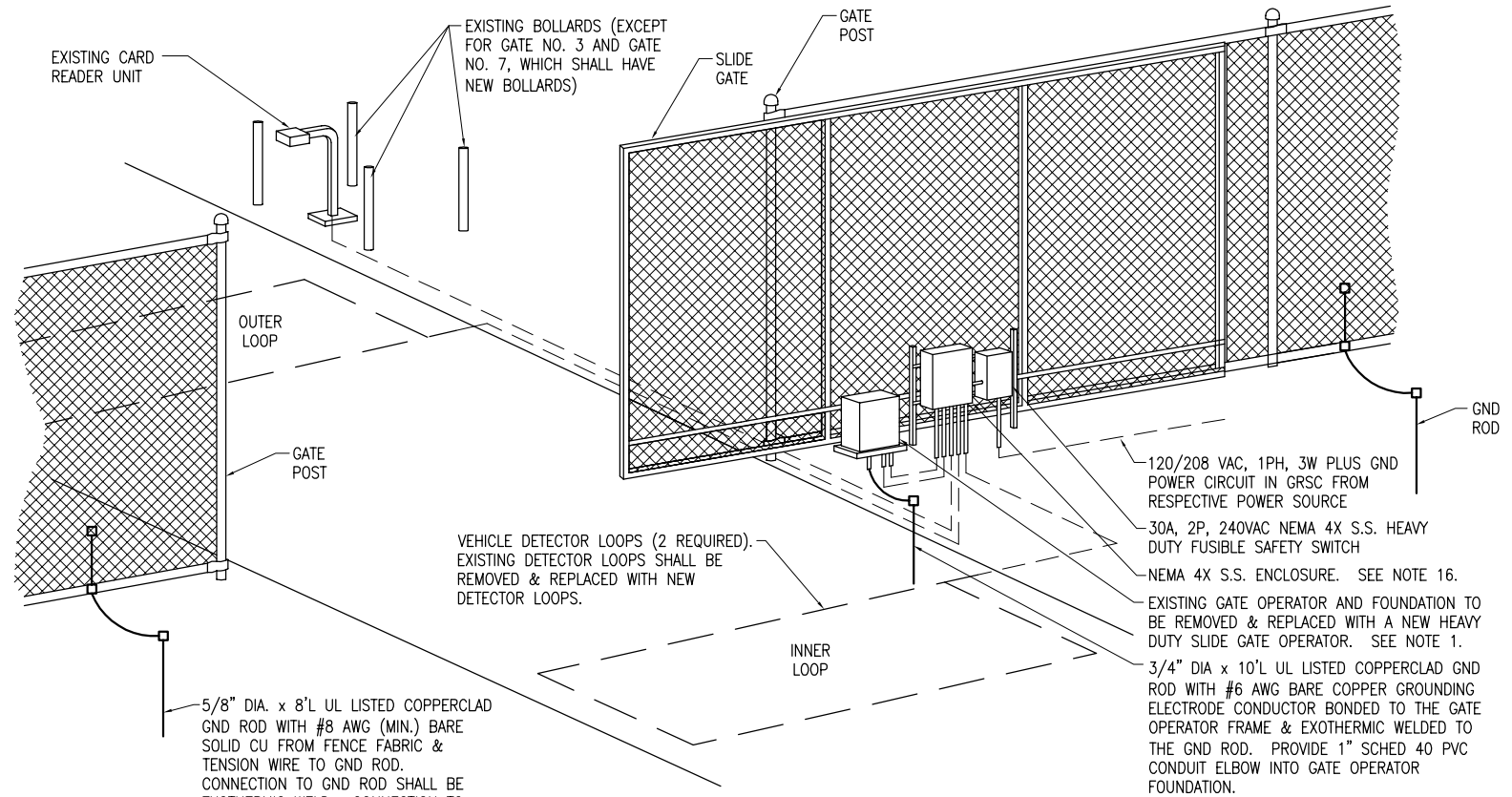
REPLACE PERIMETER FENCE
 GATE 7
 ELECTRICAL ONE LINE

APR 26, 2010 3:53 PM HARR01115
 I:\AIRPORTS\MTVERNON\10A0004\CADD\AIRPORT\SHEET\E-604.DWG

| VEHICLE DETECTOR LOOPS | | |
|------------------------|-----------|--------------|
| GATE SIZE | LOOP SIZE | NO. OF TURNS |
| 8' TO 12' | 4' X 6' | 3 TURNS |
| 12' TO 16' | 4' X 10' | 2 TURNS |
| 16' TO 20' | 6' X 14' | 2 TURNS |
| 20' TO 24' | 6' X 18' | 2 TURNS |
| 24' TO 30' | 6' X 22' | 2 TURNS |
| 30' TO 34' | 6' X 26' | 2 TURNS |

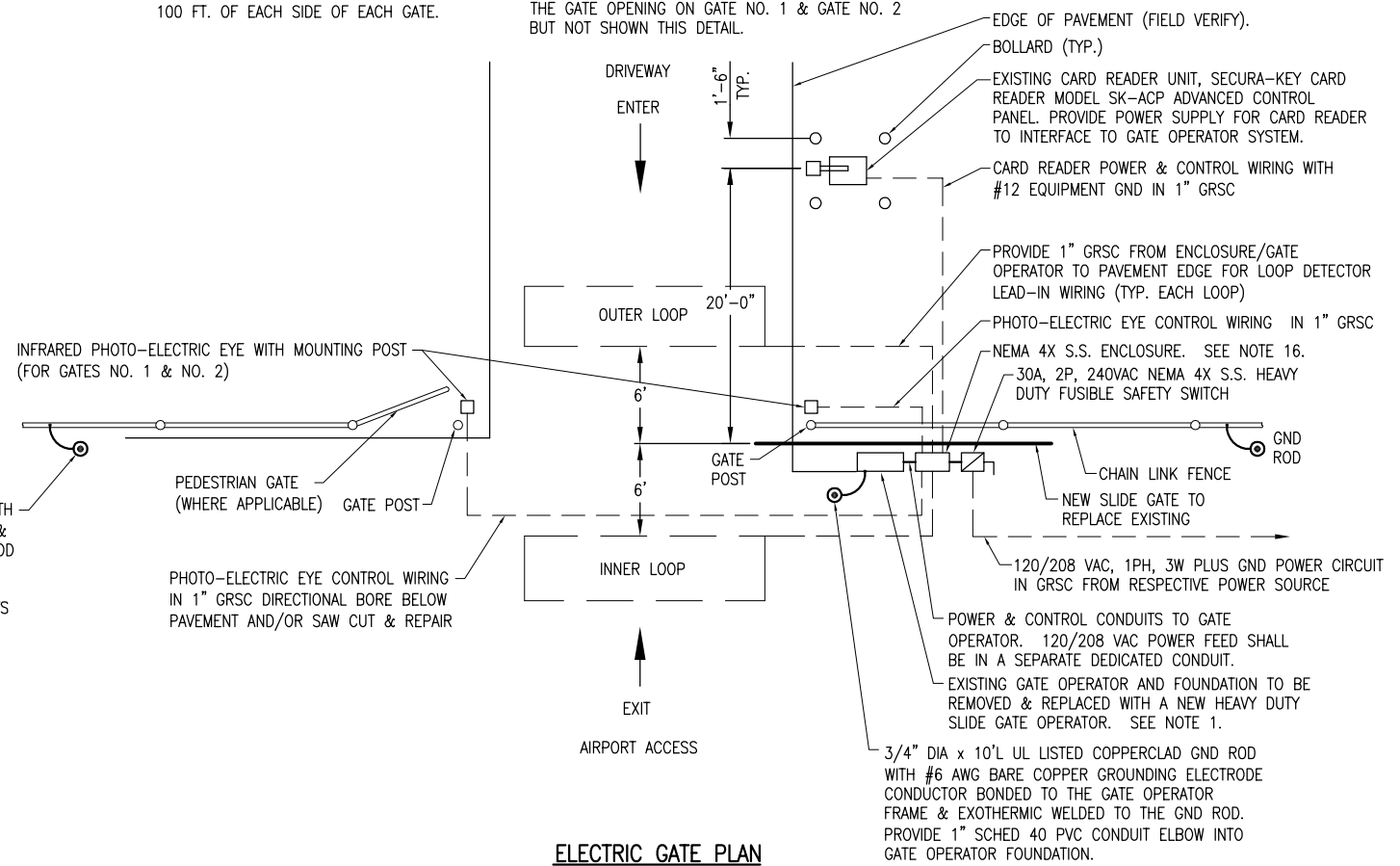


SIGN DETAIL
 NOTE:
 0.08 GA. ALUMINUM ALLOY SHEET
 LETTERING COLOR SHALL BE RED.
 EACH GATE SHALL REQUIRE ONE
 SIGN. EVERY 100' OF FENCE
 SHALL REQUIRE ONE SIGN.



ELECTRIC GATE DETAIL (ISOMETRIC)
 "NOT TO SCALE"

NOTE: PHOTO-ELECTRIC EYES ARE REQUIRED FOR THE GATE OPENING ON GATE NO. 1 & GATE NO. 2 BUT NOT SHOWN THIS DETAIL.



ELECTRIC GATE PLAN
 "NOT TO SCALE"

NOTES:

- SEE SPECIAL PROVISION SPECS FOR REQUIREMENTS ON RESPECTIVE GATE & GATE OPERATOR SYSTEM.
- ALL DIMENSIONS AND LAYOUT INFORMATION SHOWN SHOULD BE ADJUSTED AS RECOMMENDED BY THE MANUFACTURER. SEE RESPECTIVE SITE PLAN FOR EACH GATE.
- CONCRETE FOUNDATIONS SHALL BE PROVIDED FOR THE SLIDE GATE OPERATOR UNIT. FOUNDATION FOR THE GATE OPERATOR SHALL BE 48" (MIN.) IN DEPTH AND OF THE SIZE RECOMMENDED BY THE MANUFACTURER.
- 1" GRS CONDUIT WILL BE REQUIRED BETWEEN THE SLIDE GATE OPERATOR INSTALLATION AND THE CARD READER ACCESS CONTROL UNIT, THE PHOTO-ELECTRIC EYES, AND THE DETECTOR LOOPS. THE MINIMUM BURYING DEPTH IS 24". ALL METAL CONDUITS ENTERING THE GATE OPERATOR SHALL BE BONDED TO THE GATE OPERATOR FRAME WITH A #8 AWG (MIN.) COPPER BONDING JUMPER. CONFIRM CONTROL WIRING REQUIREMENTS WITH THE RESPECTIVE GATE OPERATOR SALES AND SERVICE REPRESENTATIVE.
- REPLACE CARD READER FOUNDATION, PEDESTAL AND BOLLARDS AT GATE NO. 3 AND GATE NO. 7. RELOCATE EXISTING CARD READER TO NEW PEDESTAL. CARD READER FOUNDATION SHALL BE 48" (MIN.) IN DEPTH AS DETAILED HEREIN. INTERFACE EXISTING CARD READER INSTALLATION TO NEW GATE OPERATOR FOR GATES 1 & 2.
- THE SLIDING GATE SHALL BE CANTILEVER TYPE OF THE SIZE CALLED FOR ON THE PLANS, SHALL HAVE AN ENCLOSED ROLLER ASSEMBLY WHICH IS PROTECTED FROM FREEZING RAIN AND SNOW, AND SHALL BE AS MANUFACTURED BY TYMETAL CORPORATION OR APPROVED EQUAL.
- GATE NO. 1 LOCATED BY THE TERMINAL BUILDING AND GATE NO. 2 LOCATED BY THE VAULT & FBO HANGAR SHALL INCLUDE PHOTO-ELECTRIC EYE SAFETY DEVICES.
- CONTRACTOR SHALL COORDINATE ANY POWER OUTAGES TO EXISTING EQUIPMENT WITH THE RESPECTIVE OWNER'S REPRESENTATIVE AND THE AIRPORT DIRECTOR.
- INCLUDE AC SURGE PROTECTOR FOR THE GATE OPERATOR, UL 1449 SECOND EDITION LISTED, SURGE CURRENT RATING OF 40KA, SUITABLE FOR USE ON A 120/240 VAC, 1 PHASE, 3 WIRE SYSTEM WITH LED INDICATING OPERATIONAL STATUS, JOSLYN MODEL 1265-21, SQUARE D CAT. NO. TVS120XR40S OR APPROVED EQUAL. INCLUDE MOUNTING BRACKET.
- CONCRETE USED FOR INSTALLING THE GATE OPERATOR, ASSOCIATED EQUIPMENT, & FENCE SHALL MEET THE REQUIREMENTS OF STRUCTURAL PORTLAND CEMENT CONCRETE ITEM 610.
- ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN CONFORMANCE WITH NFPA 70 - NATIONAL ELECTRICAL CODE (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 UL LISTING, ETL LISTING, (OR OTHER THIRD PARTY LISTING) AND/OR THE MANUFACTURER'S WARRANTY OF A DEVICE WILL NOT BE PERMITTED.
- PROVIDE A WEATHERPROOF ENGRAVED PHENOLIC OR PLASTIC LEGEND PLATE FOR THE SAFETY SWITCH AT THE RESPECTIVE GATE OPERATOR NOTING THE GATE SERVED, VOLTAGE, AND RESPECTIVE POWER SOURCE CIRCUIT AND LOCATION.
- PAYMENT FOR EACH SLIDE GATE, GATE OPERATOR, AND ALL ASSOCIATED CONTROL & SAFETY DEVICES SHALL BE ON A LUMP SUM BASIS AND SHALL BE FULL COMPENSATION FOR ALL MATERIALS, EQUIPMENT, CABLE IN CONDUIT, DUCT, OR UNIT DUCT, GROUNDING, LABOR, TOOLS, COORDINATION, TESTING, AND INCIDENTALS REQUIRED TO INSTALL THE GATE COMPLETE AND IN OPERATING CONDITION.
- CONTROL CIRCUIT WIRING SHALL NOT BE ROUTED THROUGH THE SAFETY SWITCH/DISCONNECT.
- INCLUDE CORROSION RESISTANT SUPPORT POSTS AND HARDWARE WITH THE PHOTO-ELECTRIC EYE SAFETY DEVICES.
- ALL CONTROL POWER TRANSFORMERS, POWER SUPPLIES, RECEPTACLES, LOOP DETECTOR AMPLIFIERS, SECONDARY SAFETY DEVICE EQUIPMENT, AND ANY OTHER ASSOCIATED CONTROLS SHALL BE INSTALLED EITHER INSIDE THE GATE OPERATOR CONTROL PANEL OR INSIDE A SEPARATE NEMA 4 STAINLESS STEEL CONTROL PANEL ENCLOSURE. WHERE THE CONTROL EQUIPMENT IS TO BE INSTALLED INSIDE THE GATE OPERATOR CONTROL PANEL THE CONTRACTOR SHALL COORDINATE THIS WITH THE GATE OPERATOR MANUFACTURER AND THE RESPECTIVE GATE OPERATOR EQUIPMENT SUPPLIER. LOCATING THESE CONTROLS OUTSIDE OF GATE OPERATOR CONTROL PANEL BUT WITHIN THE GATE OPERATOR HOUSING WILL NOT MEET THIS REQUIREMENT.
- THE GUARD/BOLLARD POSTS SHALL BE 4" DIA. STEEL (HEAVY WALL) PIPE, CONCRETE FILLED, AND SHALL EXTEND FROM THE TOP OF THE CARD CONTROL UNIT TO A DEPTH OF 48" BELOW THE GROUND LINE. THE CONCRETE FOOTER DIMENSION SHALL BE AS DETAILED HEREIN. GUARD/BOLLARD POSTS SHALL BE PAINTED WITH YELLOW COLORED ENAMEL FINISH.

| | |
|----------|--|
| REVISION | |
| DATE | |

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 MW-4007
 I.L. PROJ.:

| | |
|-------------|------------------|
| Project No. | 1040004 |
| File Name | E-502.DWG |
| Scale | NO SCALE |
| Date | 04/16/10 |
| LAYOUT | KNL 3/12/10 |
| DRAWN | PJG 3/12/10 |
| REVIEWED | RAW/KNL 05/12/10 |

HANSON
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Pht: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

REPLACE PERIMETER FENCE
 PROPOSED ELECTRIC SLIDE GATE DETAILS
 GATES 1,2,3, & 7

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. 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 OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

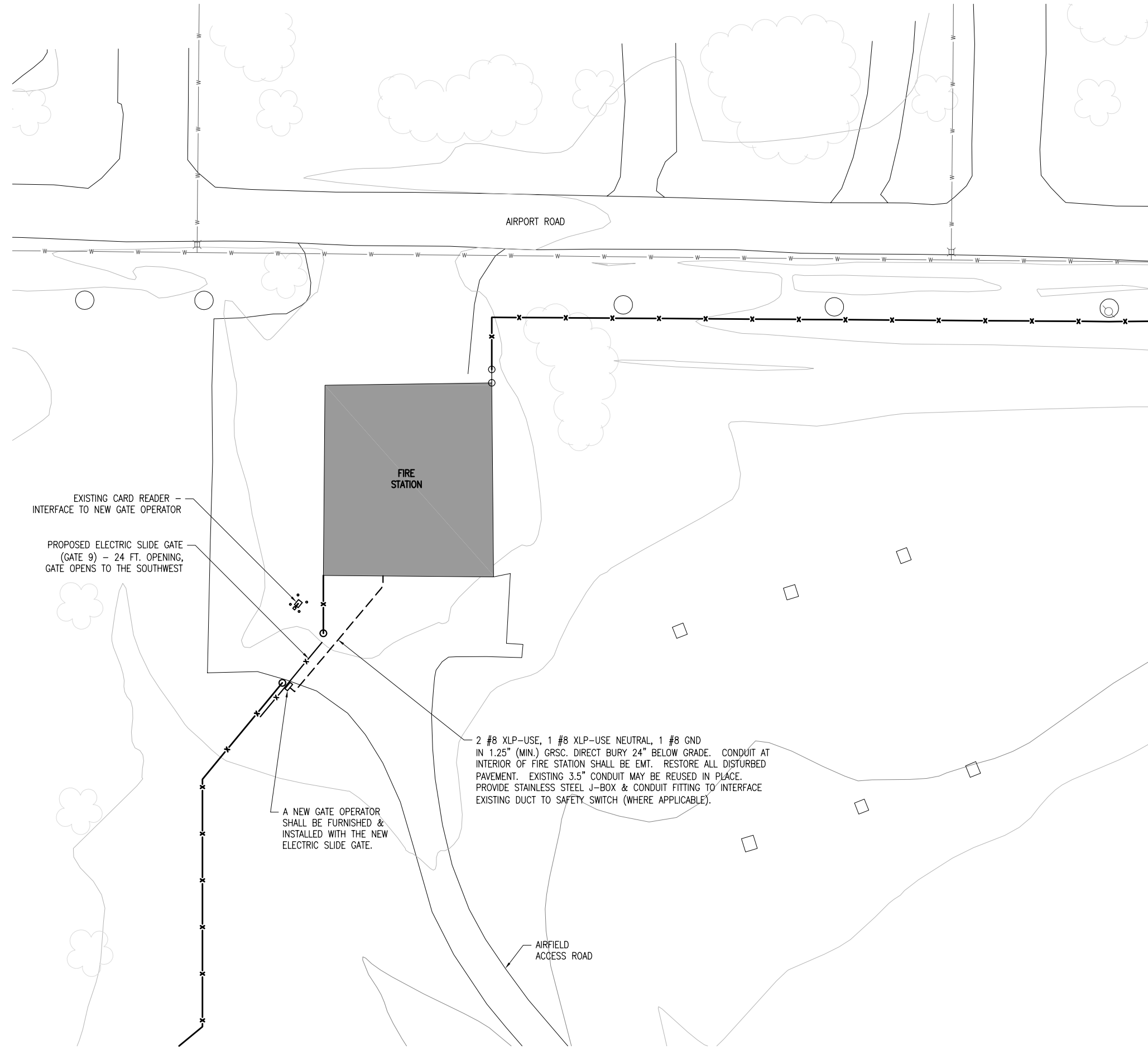
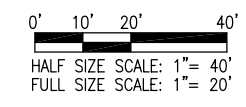
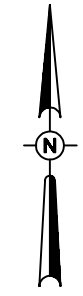
ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS.
2. EXISTING DETECTOR LOOPS SHALL BE REMOVED & REPLACED WITH NEW DETECTOR LOOPS.
3. SEE "PROPOSED ELECTRIC SLIDE GATE DETAILS" SHEETS FOR EACH RESPECTIVE GATE FOR ADDITIONAL REQUIREMENTS ON ELECTRIC SLIDE GATE WORK.

LEGEND

- EXISTING PAVEMENT
- EXISTING BUILDINGS
- PROPOSED FENCE
- EXISTING FENCE
- PROPOSED ELECTRICAL CABLES
- EXISTING ELECTRICAL CABLES
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING WATER LINE
- EXISTING TELEPHONE LINE
- EXISTING GAS LINE
- EXISTING MANHOLE
- EXISTING ELECTRICAL HANDHOLE/MANHOLE
- EXISTING TRANSFORMER
- EXISTING GATE OPERATOR
- PROPOSED GATE OPERATOR
- CARD READER WITH BOLLARDS
- AIRPORT PROPERTY LINE



APR 26, 2010 3:54 PM HARR01115
I:\AIRPORTS\MTVERNON\10A0004\CADD\AIRPORT\SHEET\E-101.DWG

| DATE | REVISION |
|------|----------|
| | |
| | |
| | |

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 IL PROJ.: MVN-4007

| | |
|---|---|
| IEL Project No. 10A0004 Filename: E-101.DWG Scale: 1"=20' Date: 04/06/10 | PJC 3/18/10 PJC 3/18/10 RAN/WGNL 05/18/10 |
| LAYOUT | REVIEWED |
| DRAWN | |

HANSON
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Pjt: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

REPLACE PERIMETER FENCE
 GATE 9
 PROPOSED ELECTRICAL SITE PLAN

NOTES

- SEE "ELECTRICAL LEGEND AND ABBREVIATIONS" SHEET FOR GENERAL NOTES AND REQUIREMENTS.
- ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN CONFORMANCE WITH NFPA 70-NATIONAL ELECTRICAL CODE (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 WILL NOT BE PERMITTED.
- ALL EQUIPMENT SHOWN NOT LABELED AS EXISTING IS NEW.
- ALL CONTROL POWER TRANSFORMERS, POWER SUPPLIES, SIMPLEX RECEPTACLES, LOOP DETECTOR AMPLIFIERS, SECONDARY SAFETY DEVICE EQUIPMENT, AND ANY OTHER ASSOCIATED CONTROLS SHALL BE INSTALLED EITHER INSIDE THE GATE OPERATOR CONTROL PANEL OR INSIDE A SEPARATE NEMA 4 STAINLESS STEEL CONTROL PANEL ENCLOSURE. WHERE THE CONTROL EQUIPMENT IS TO BE INSTALLED INSIDE THE GATE OPERATOR CONTROL PANEL THE CONTRACTOR SHALL COORDINATE THIS WITH THE GATE OPERATOR MANUFACTURER AND THE RESPECTIVE GATE OPERATOR EQUIPMENT SUPPLIER. LOCATING THESE CONTROLS OUTSIDE OF GATE OPERATOR CONTROL PANEL BUT WITHIN THE GATE OPERATOR HOUSING WILL NOT MEET THIS REQUIREMENT.
- REMOVAL OF EACH EXISTING ELECTRIC SLIDE GATE WILL BE PAID FOR UNDER ITEM AR162908 - REMOVE ELECTRIC GATE.
- PROPOSED 24 FT. ELECTRIC SLIDE GATE AND ASSOCIATED WORK SHOWN ON THIS SHEET WILL BE PAID FOR UNDER ITEM AR162724 ELECTRIC GATE - 24'.
- PER NEC 511 THE GARAGE AREA OF THE FIRE STATION IS CLASSIFIED AS A CLASS 1, DIVISION 2, GROUP D HAZARDOUS LOCATION FOR A LEVEL OF 18 INCHES ABOVE THE FLOOR. ALL ELECTRICAL INSTALLATIONS SHALL CONFORM TO THE APPLICABLE SECTIONS OF NEC 500, 501 AND 511 IN ADDITION TO THE OTHER APPLICABLE SECTIONS OF NEC. WHERE ELECTRICAL EQUIPMENT IS INSTALLED IN A CLASSIFIED HAZARDOUS LOCATION IT SHALL BE SUITABLE FOR USE IN THE RESPECTIVE CLASSIFIED HAZARDOUS LOCATION. WHERE POSSIBLE, AVOID INSTALLATION OF ELECTRICAL EQUIPMENT, RACEWAYS AND WIRING IN THE CLASSIFIED HAZARDOUS AREAS OF THE FACILITY

| REVISION | DATE |
|----------|------|
| | |
| | |
| | |

MT. VERNON AIRPORT

 MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 IL PROJ.: MW-4007

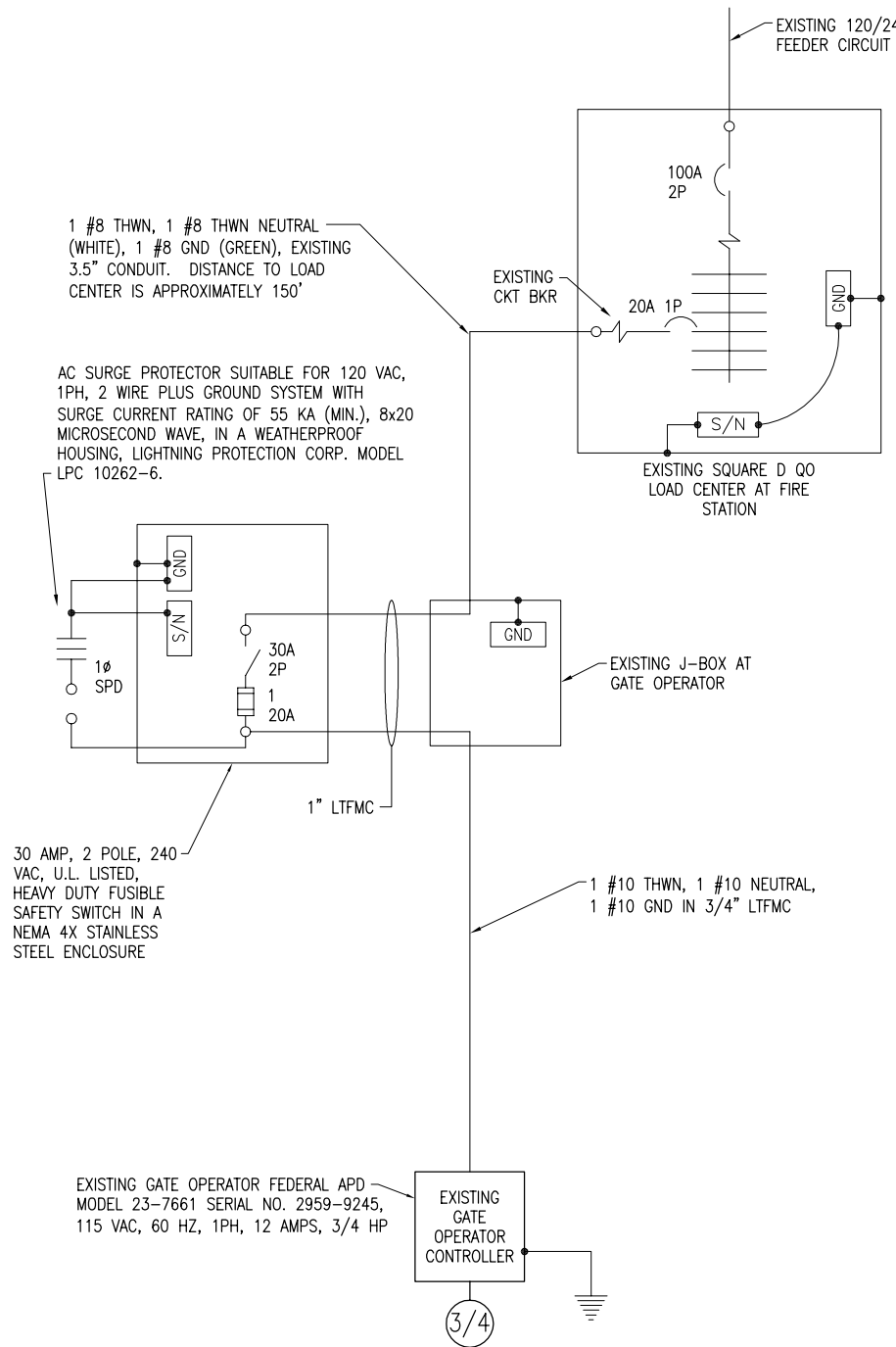
| | | |
|---------------------|----------|----------|
| Project No. 10A0004 | Scale | 3/11/10 |
| File Name E-605.DWG | NO SCALE | 3/11/10 |
| Date 04/16/10 | | |
| LAYOUT | PJC | 05/12/10 |
| DRAWN | PJC | |
| REVIEWED | RAW/KGNL | |

HANSON
 Hanson Professional Services Inc. 2010
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Ph: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

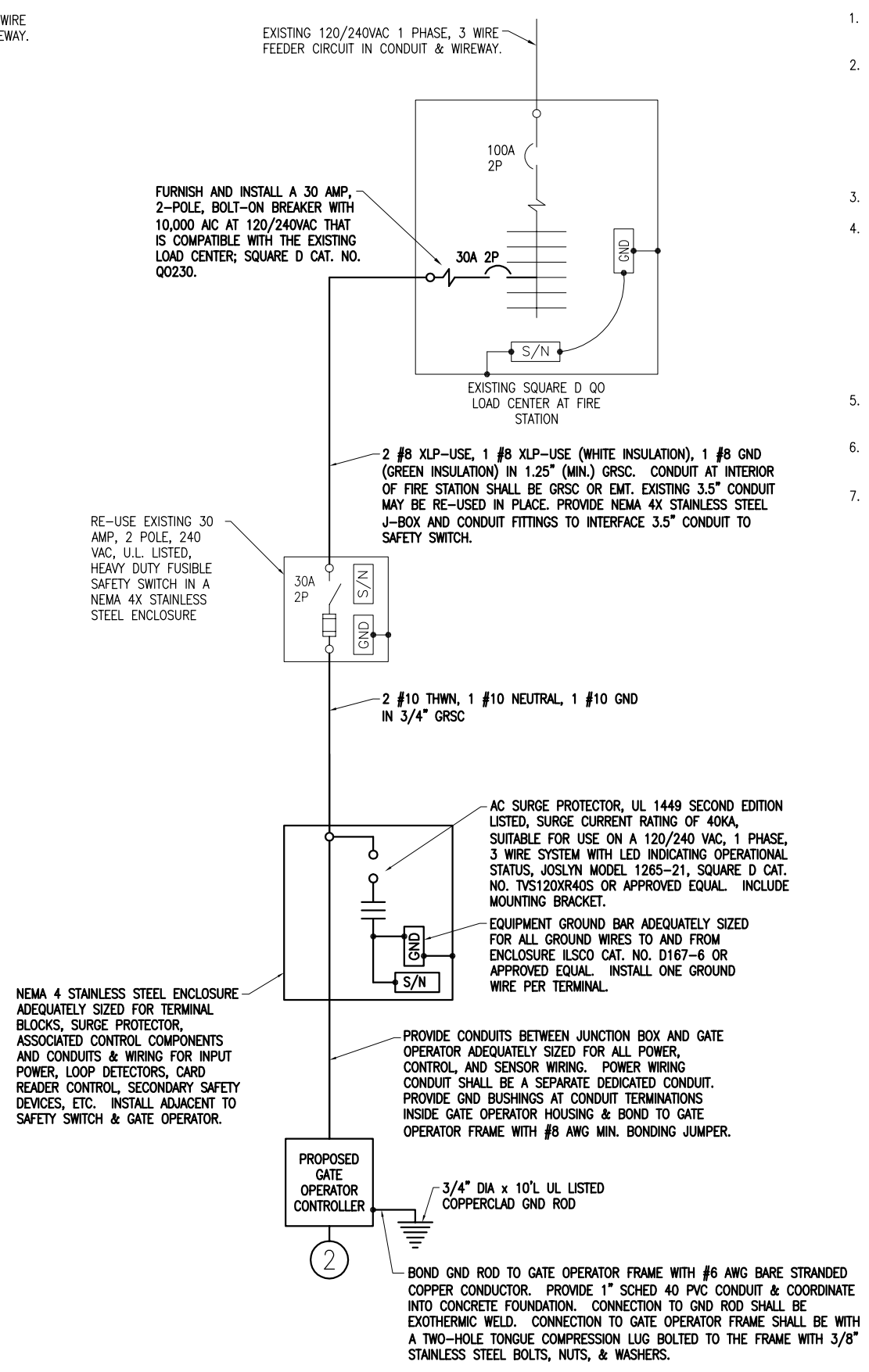
REPLACE PERIMETER FENCE
 GATE 9
 ELECTRICAL ONE LINE

APR 26, 2010 3:54 PM HARR01115
 I:\AIRPORTS\MTVERNON\10A0004\CADD\AIRPORT\SHEET\E-605.DWG

EXISTING ELECTRICAL ONE LINE
 FIRE STATION GATE NO. 9



PROPOSED ELECTRICAL ONE LINE
 FIRE STATION GATE NO. 9



1 #8 THWN, 1 #8 THWN NEUTRAL (WHITE), 1 #8 GND (GREEN), EXISTING 3.5" CONDUIT. DISTANCE TO LOAD CENTER IS APPROXIMATELY 150'

AC SURGE PROTECTOR SUITABLE FOR 120 VAC, 1PH, 2 WIRE PLUS GROUND SYSTEM WITH SURGE CURRENT RATING OF 55 KA (MIN.), 8x20 MICROSECOND WAVE, IN A WEATHERPROOF HOUSING, LIGHTNING PROTECTION CORP. MODEL LPC 10262-6.

30 AMP, 2 POLE, 240 VAC, U.L. LISTED, HEAVY DUTY FUSIBLE SAFETY SWITCH IN A NEMA 4X STAINLESS STEEL ENCLOSURE

EXISTING GATE OPERATOR FEDERAL APD MODEL 23-7661 SERIAL NO. 2959-9245, 115 VAC, 60 HZ, 1PH, 12 AMPS, 3/4 HP

1 #10 THWN, 1 #10 NEUTRAL, 1 #10 GND IN 3/4" LTFMC

FURNISH AND INSTALL A 30 AMP, 2-POLE, BOLT-ON BREAKER WITH 10,000 AIC AT 120/240VAC THAT IS COMPATIBLE WITH THE EXISTING LOAD CENTER; SQUARE D CAT. NO. QO230.

RE-USE EXISTING 30 AMP, 2 POLE, 240 VAC, U.L. LISTED, HEAVY DUTY FUSIBLE SAFETY SWITCH IN A NEMA 4X STAINLESS STEEL ENCLOSURE

2 #8 XLP-USE, 1 #8 XLP-USE (WHITE INSULATION), 1 #8 GND (GREEN INSULATION) IN 1.25" (MIN.) GRSC. CONDUIT AT INTERIOR OF FIRE STATION SHALL BE GRSC OR EMT. EXISTING 3.5" CONDUIT MAY BE RE-USED IN PLACE. PROVIDE NEMA 4X STAINLESS STEEL J-BOX AND CONDUIT FITTINGS TO INTERFACE 3.5" CONDUIT TO SAFETY SWITCH.

2 #10 THWN, 1 #10 NEUTRAL, 1 #10 GND IN 3/4" GRSC

AC SURGE PROTECTOR, UL 1449 SECOND EDITION LISTED, SURGE CURRENT RATING OF 40KA, SUITABLE FOR USE ON A 120/240 VAC, 1 PHASE, 3 WIRE SYSTEM WITH LED INDICATING OPERATIONAL STATUS, JOSLYN MODEL 1265-21, SQUARE D CAT. NO. TVS120XR40S OR APPROVED EQUAL. INCLUDE MOUNTING BRACKET.

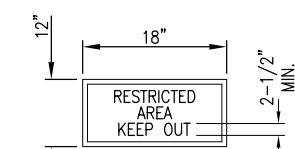
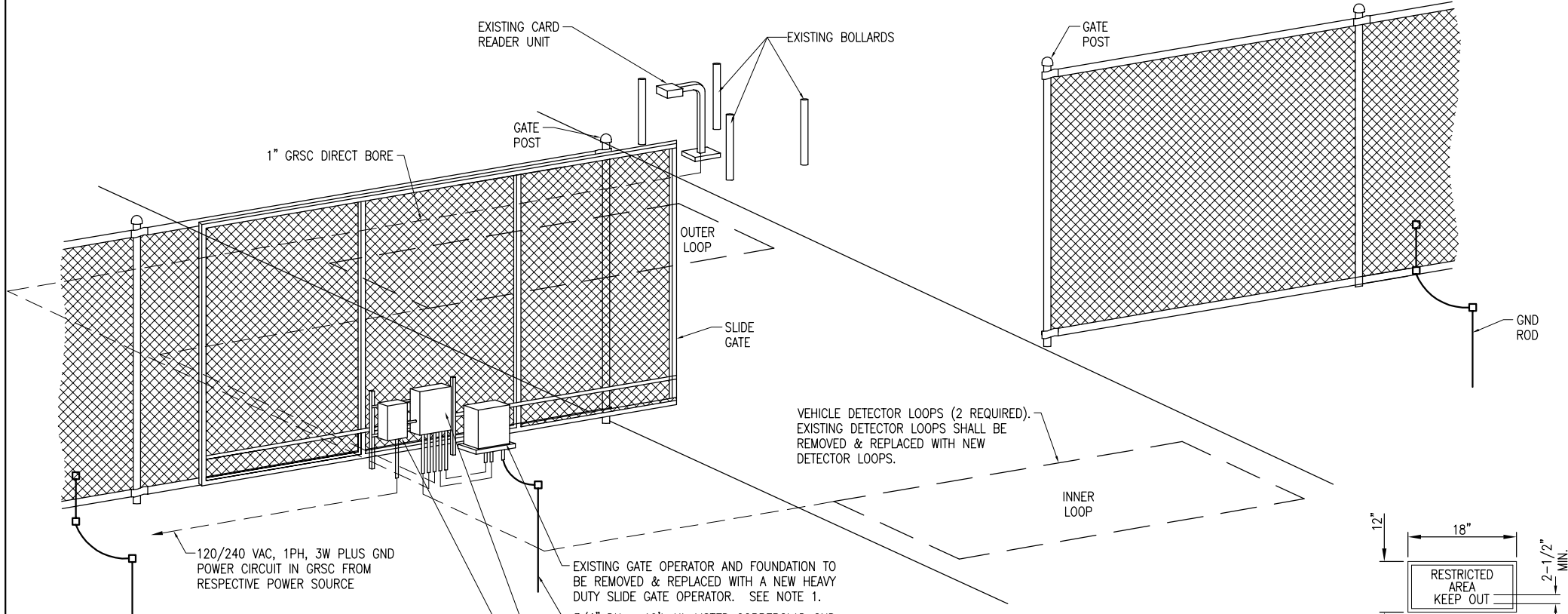
EQUIPMENT GROUND BAR ADEQUATELY SIZED FOR ALL GROUND WIRES TO AND FROM ENCLOSURE ILSCO CAT. NO. D167-6 OR APPROVED EQUAL. INSTALL ONE GROUND WIRE PER TERMINAL.

NEMA 4 STAINLESS STEEL ENCLOSURE ADEQUATELY SIZED FOR TERMINAL BLOCKS, SURGE PROTECTOR, ASSOCIATED CONTROL COMPONENTS AND CONDUITS & WIRING FOR INPUT POWER, LOOP DETECTORS, CARD READER CONTROL, SECONDARY SAFETY DEVICES, ETC. INSTALL ADJACENT TO SAFETY SWITCH & GATE OPERATOR.

PROVIDE CONDUITS BETWEEN JUNCTION BOX AND GATE OPERATOR ADEQUATELY SIZED FOR ALL POWER, CONTROL, AND SENSOR WIRING. POWER WIRING CONDUIT SHALL BE A SEPARATE DEDICATED CONDUIT. PROVIDE GND BUSHINGS AT CONDUIT TERMINATIONS INSIDE GATE OPERATOR HOUSING & BOND TO GATE OPERATOR FRAME WITH #8 AWG MIN. BONDING JUMPER.

3/4" DIA x 10'L UL LISTED COPPERCLAD GND ROD

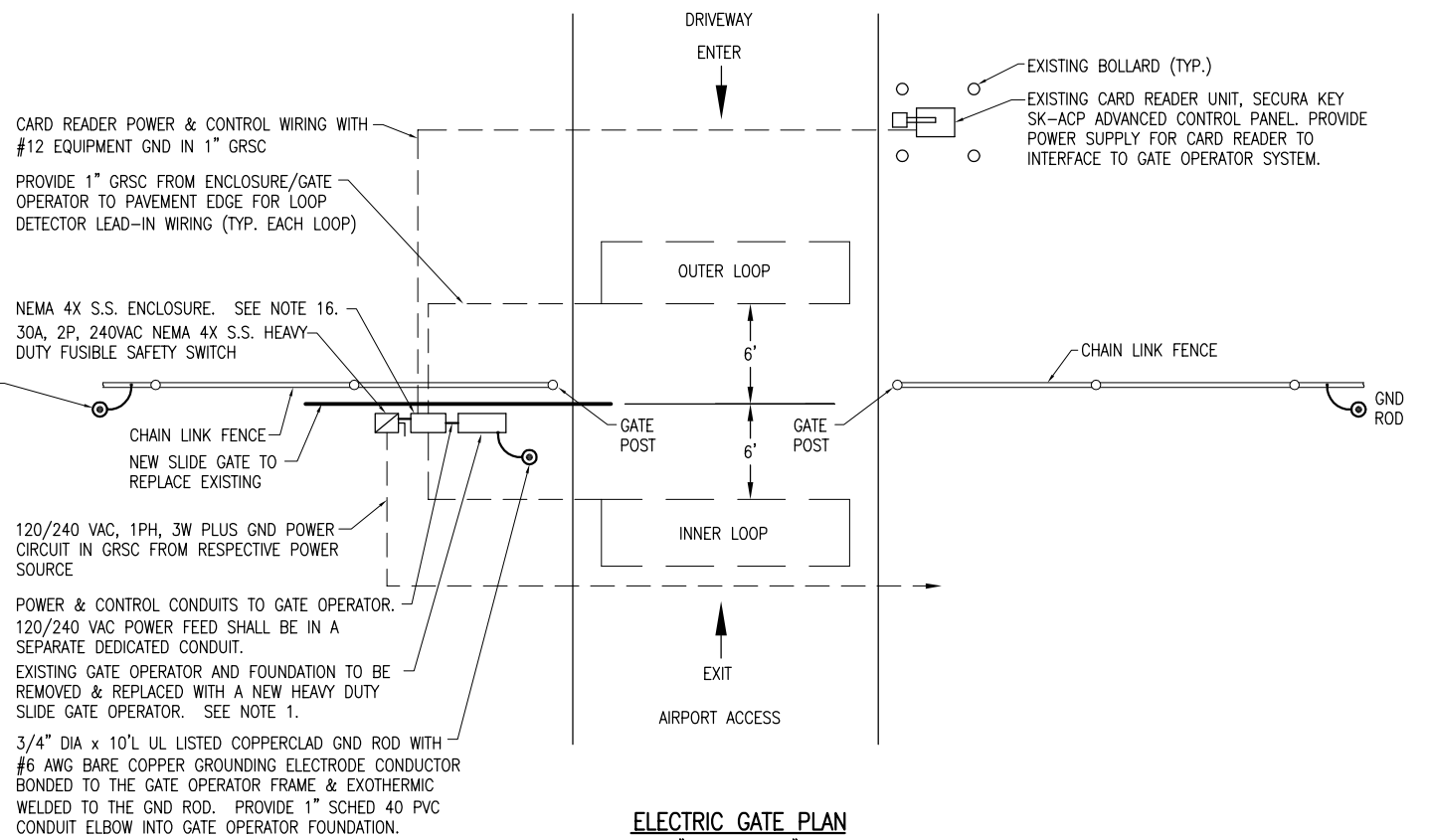
BOND GND ROD TO GATE OPERATOR FRAME WITH #6 AWG BARE STRANDED COPPER CONDUCTOR. PROVIDE 1" SCHED 40 PVC CONDUIT & COORDINATE INTO CONCRETE FOUNDATION. CONNECTION TO GND ROD SHALL BE EXOTHERMIC WELD. CONNECTION TO GATE OPERATOR FRAME SHALL BE WITH A TWO-HOLE TONGUE COMPRESSION LUG BOLTED TO THE FRAME WITH 3/8" STAINLESS STEEL BOLTS, NUTS, & WASHERS.



ELECTRIC GATE DETAIL (ISOMETRIC)
"NOT TO SCALE"

NOTE: PHOTO-ELECTRIC EYES ARE REQUIRED FOR THE GATE OPENING BUT NOT SHOWN THIS DETAIL.

| VEHICLE DETECTOR LOOPS | | |
|------------------------|-----------|--------------|
| GATE SIZE | LOOP SIZE | NO. OF TURNS |
| 8' TO 12' | 4' X 6' | 3 TURNS |
| 12' TO 16' | 4' X 10' | 2 TURNS |
| 16' TO 20' | 6' X 14' | 2 TURNS |
| 20' TO 24' | 6' X 18' | 2 TURNS |
| 24' TO 30' | 6' X 22' | 2 TURNS |
| 30' TO 34' | 6' X 26' | 2 TURNS |



ELECTRIC GATE PLAN
"NOT TO SCALE"

- NOTES:**
- SEE SPECIAL PROVISION SPECS FOR REQUIREMENTS ON RESPECTIVE GATE & GATE OPERATOR SYSTEM.
 - ALL DIMENSIONS AND LAYOUT INFORMATION SHOWN SHOULD BE ADJUSTED AS RECOMMENDED BY THE MANUFACTURER. SEE RESPECTIVE SITE PLAN FOR EACH GATE.
 - CONCRETE FOUNDATIONS SHALL BE PROVIDED FOR THE SLIDE GATE OPERATOR UNIT. FOUNDATION FOR THE GATE OPERATOR SHALL BE 48" (MIN.) IN DEPTH AND OF THE SIZE RECOMMENDED BY THE MANUFACTURER.
 - 1" GRS CONDUIT WILL BE REQUIRED BETWEEN THE SLIDE GATE OPERATOR INSTALLATION AND THE CARD READER ACCESS CONTROL UNIT, THE PHOTO-ELECTRIC EYES, AND THE DETECTOR LOOPS. THE MINIMUM BURYING DEPTH IS 24". ALL METAL CONDUITS ENTERING THE GATE OPERATOR SHALL BE BONDED TO THE GATE OPERATOR FRAME WITH A #8 AWG (MIN.) COPPER BONDING JUMPER. CONFIRM CONTROL WIRING REQUIREMENTS WITH THE RESPECTIVE GATE OPERATOR SALES AND SERVICE REPRESENTATIVE.
 - THE GUARD/BOLLARD POSTS SHALL BE 4" DIA. STEEL (HEAVY WALL) PIPE, CONCRETE FILLED, AND SHALL EXTEND FROM THE TOP OF THE CARD CONTROL UNIT TO A DEPTH OF 48" BELOW THE GROUND LINE. THE CONCRETE FOOTER DIMENSION SHALL BE AS DETAILED HEREIN. GUARD/BOLLARD POSTS SHALL BE PAINTED WITH YELLOW COLORED ENAMEL FINISH.
 - THE SLIDING GATE SHALL BE CANTILEVER TYPE OF THE SIZE CALLED FOR ON THE PLANS, SHALL HAVE AN ENCLOSED ROLLER ASSEMBLY WHICH IS PROTECTED FROM FREEZING RAIN AND SNOW, AND SHALL BE AS MANUFACTURED BY TYMETAL CORPORATION OR APPROVED EQUAL.
 - (RESERVED).
 - CONTRACTOR SHALL COORDINATE ANY POWER OUTAGES TO EXISTING EQUIPMENT WITH THE RESPECTIVE OWNER'S REPRESENTATIVE AND THE AIRPORT DIRECTOR.
 - INCLUDE AC SURGE PROTECTOR FOR THE GATE OPERATOR, UL 1449 SECOND EDITION LISTED, SURGE CURRENT RATING OF 40KA, SUITABLE FOR USE ON A 120/240 VAC, 1 PHASE, 3 WIRE SYSTEM WITH LED INDICATING OPERATIONAL STATUS, JOSLYN MODEL 1265-21, SQUARE D CAT. NO. TVS120XR40S OR APPROVED EQUAL. INCLUDE MOUNTING BRACKET.
 - CONCRETE USED FOR INSTALLING THE GATE OPERATOR, ASSOCIATED EQUIPMENT, & FENCE SHALL MEET THE REQUIREMENTS OF STRUCTURAL PORTLAND CEMENT CONCRETE ITEM 610.
 - ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN CONFORMANCE WITH NFPA 70 - NATIONAL ELECTRICAL CODE (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 UL LISTING, ETL LISTING, (OR OTHER THIRD PARTY LISTING) AND/OR THE MANUFACTURER'S WARRANTY OF A DEVICE WILL NOT BE PERMITTED.
 - PROVIDE A WEATHERPROOF ENGRAVED PHENOLIC OR PLASTIC LEGEND PLATE FOR THE SAFETY SWITCH AT THE RESPECTIVE GATE OPERATOR NOTING THE GATE SERVED, VOLTAGE, AND RESPECTIVE POWER SOURCE CIRCUIT AND LOCATION.
 - PAYMENT FOR EACH SLIDE GATE, GATE OPERATOR, AND ALL ASSOCIATED CONTROL & SAFETY DEVICES SHALL BE ON A LUMP SUM BASIS AND SHALL BE FULL COMPENSATION FOR ALL MATERIALS, EQUIPMENT, CABLE IN CONDUIT, DUCT, OR UNIT DUCT, GROUNDING, LABOR, TOOLS, COORDINATION, TESTING, AND INCIDENTALS REQUIRED TO INSTALL THE GATE COMPLETE AND IN OPERATING CONDITION.
 - CONTROL CIRCUIT WIRING SHALL NOT BE ROUTED THROUGH THE SAFETY SWITCH/DISCONNECT.
 - (RESERVED)
 - ALL CONTROL POWER TRANSFORMERS, POWER SUPPLIES, RECEPTACLES, LOOP DETECTOR AMPLIFIERS, SECONDARY SAFETY DEVICE EQUIPMENT, AND ANY OTHER ASSOCIATED CONTROLS SHALL BE INSTALLED EITHER INSIDE THE GATE OPERATOR CONTROL PANEL OR INSIDE A SEPARATE NEMA 4 STAINLESS STEEL CONTROL PANEL ENCLOSURE. WHERE THE CONTROL EQUIPMENT IS TO BE INSTALLED INSIDE THE GATE OPERATOR CONTROL PANEL THE CONTRACTOR SHALL COORDINATE THIS WITH THE GATE OPERATOR MANUFACTURER AND THE RESPECTIVE GATE OPERATOR EQUIPMENT SUPPLIER. LOCATING THESE CONTROLS OUTSIDE OF GATE OPERATOR CONTROL PANEL BUT WITHIN THE GATE OPERATOR HOUSING WILL NOT MEET THIS REQUIREMENT.

| REVISION | DATE |
|----------|------|
| | |
| | |

MT. VERNON AIRPORT

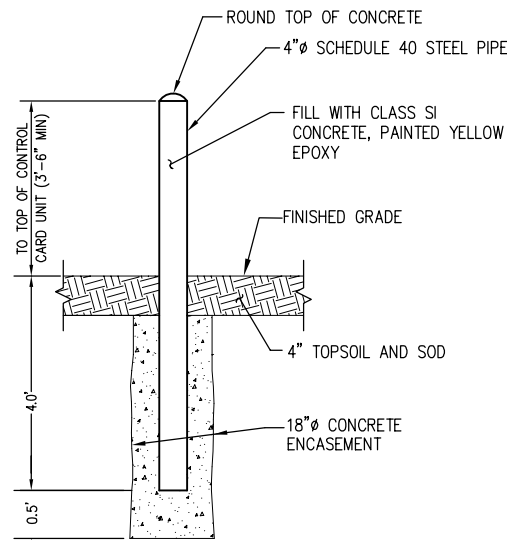
 MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 MW-4007
 I.L. PROJ.:

| | | |
|---------------------|----------|----------|
| Project No. 10A0004 | Drawn | Reviewed |
| Filename E-503.DWG | Scale | NO SCALE |
| Date | 04/16/10 | 04/16/10 |
| LAYOUT | PJG | KNL |
| DRAWN | PJG | 3/12/10 |
| REVIEWED | RAN/KNL | 05/13/10 |

HANSON
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Pht: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

REPLACE PERIMETER FENCE
 PROPOSED ELECTRIC SLIDE GATE DETAILS
 GATE 9 (FIRE STATION)

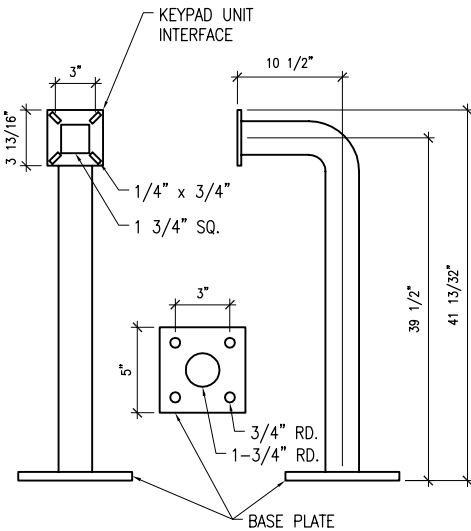
APR 26, 2010 3:54 PM HARR01115
 I:\AIRPORTS\MTVERNON\10A0004\CADD\AIRPORT\SHEET\E-503.DWG



NOTES

1. THE EXPOSED PORTION OF THE BOLLARD SHALL BE PAINTED YELLOW EPOXY.
2. BOLLARD AND ASSOCIATED ITEMS ARE INCIDENTAL TO THE ELECTRIC SLIDING GATE.

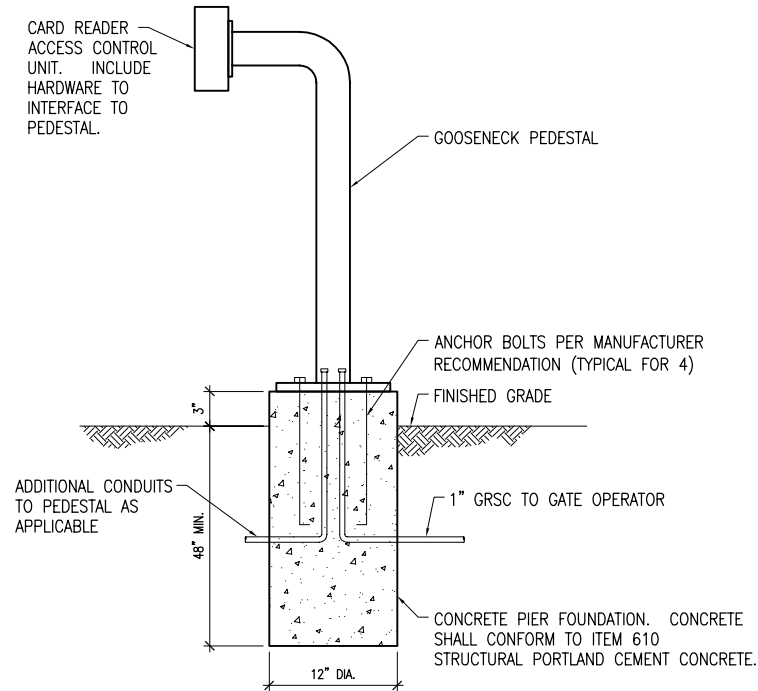
BOLLARD DETAIL



GOOSENECK PEDESTAL DETAIL

SCALE: NONE

NOTE:
GOOSENECK PEDESTAL SHALL BE AMERICAN ACCESS SYSTEMS, INC. (7079 SOUTH JORDAN RD., UNIT 6, ENGLEWOOD, CO 80112, PHONE: 800-541-5677, FAX 303-799-9756) MODEL 18-001 OR APPROVED EQUAL.

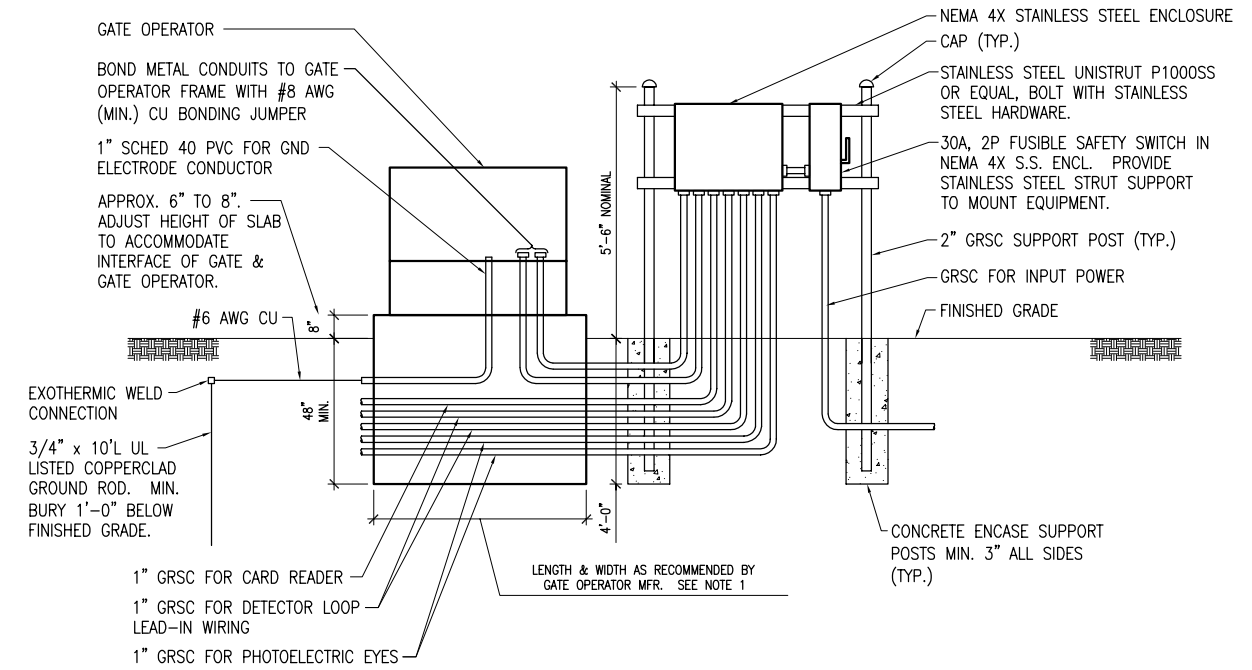


NOTES

1. CARD READERS ARE EXISTING. GATES 1, 2, & 9 HAVE EXISTING CARD READERS WITH PEDESTALS & FOUNDATIONS THAT WILL REQUIRE INTERFACE TO THE NEW GATE OPERATOR. GATE 3 LOCATED BY THE T-HANGAR ACCESS AREA WILL REQUIRE THE EXISTING PEDESTAL, FOUNDATION, & BOLLARDS TO BE REPLACED. GATE 7 WILL REQUIRE THE EXISTING PEDESTAL, FOUNDATION & BOLLARDS TO BE REMOVED & REPLACED AT A NEW LOCATION. THE EXISTING CARD READERS SHALL BE RELOCATED TO THE NEW PEDESTALS.
2. INCLUDE #12 AWG EQUIPMENT GND WIRE TO CARD READER.
3. FACE OF CARD READER SHALL NOT EXTEND BEYOND BOLLARDS.

CARD READER ACCESS CONTROL UNIT PEDESTAL ELEVATION DETAIL

SCALE: NONE

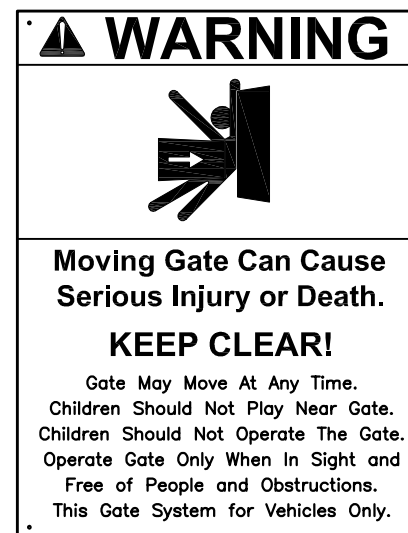


NOTES

1. FOUNDATION FOR GATE OPERATOR SHALL BE 48" MIN. IN DEPTH AND OF THE LENGTH & WIDTH RECOMMENDED BY THE MANUFACTURER.
2. COORDINATE CONDUITS INTO FOUNDATION.
3. CONFIRM CONDUIT SIZES AND WIRING REQUIREMENTS WITH THE GATE OPERATOR MFR. ADJUST/INCREASE CONDUIT SIZES WHERE APPLICABLE. REQUIREMENTS VARY BETWEEN DIFFERENT MANUFACTURERS.
4. ALL ENCLOSURES RATED NEMA 4, 4X SHALL HAVE WATERTIGHT HUBS AT CONDUIT ENTRANCES U.L. LISTED NEMA 4, 4X FOR THE RESPECTIVE ENCLOSURE, TO MAINTAIN THE NEMA 4, 4X RATING.
5. GATE 1 BY THE TERMINAL BUILDING & GATE 2 BY THE VAULT & FBO HANGAR WILL REQUIRE PHOTOELECTRIC EYE SECONDARY SAFETY DEVICES.
6. GATES 3, 7, & 9 WILL NOT REQUIRE PHOTOELECTRIC EYE SECONDARY SAFETY DEVICES.

GATE OPERATOR FOUNDATION DETAIL

"NOT TO SCALE"



NOTES

1. WARNING SIGNS/PLACARDS AS DETAILED ABOVE OR SIMILAR, SHALL BE INSTALLED WHERE CLEARLY VISIBLE ON BOTH SIDES OF EACH ELECTRIC SLIDE GATE. WARNING SIGNS SHALL BE WEATHERPROOF, CORROSION RESISTANT METAL, AS DETAILED ABOVE, AND IN ACCORDANCE WITH THE RESPECTIVE GATE MANUFACTURER'S RECOMMENDATIONS, HY-SECURITY PART NO. MX000882, OR EQUAL.

WARNING SIGN DETAIL

| | |
|----------|--|
| REVISION | |
| DATE | |

MT. VERNON AIRPORT
MT. VERNON, ILLINOIS
 A.I.P. PROJ.: 3-17-0074-B22
 MW-4007
 I.L. PROJ.:

| | |
|-------------|------------------|
| PROJECT NO. | 10A0004 |
| FILENAME | E-504.DWG |
| SCALE | NO SCALE |
| DATE | 04/16/10 |
| LAYOUT | PJC 3/17/10 |
| DRAWN | PJC 3/17/10 |
| REVIEWED | RAN/BNL 05/18/10 |

HANSON
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Ph: (217) 788-2450 Fax: (217) 788-2503
 www.hanson-inc.com
 Offices Nationwide

REPLACE PERIMETER FENCE
 CARD READER, BOLLARD & GATE OPERATOR DETAILS