

GREATER ROCKFORD AIRPORT AUTHORITY ROCKFORD, ILLINOIS

CONSTRUCTION PLANS FOR CHICAGO ROCKFORD INTERNATIONAL AIRPORT

REPLACE PERIMETER FENCE, PHASES 1 AND 2

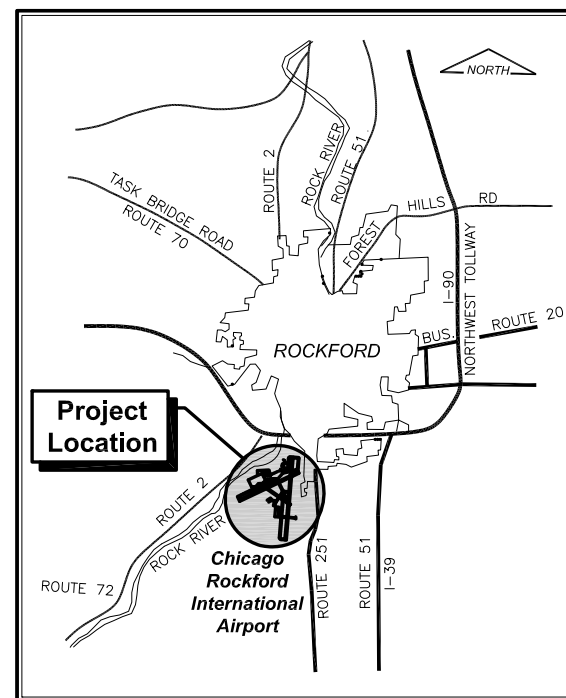
FINAL SUBMITTAL

**ILLINOIS PROJECT: RFD-4289
A.I.P. PROJECT: 3-17-0088-xx**

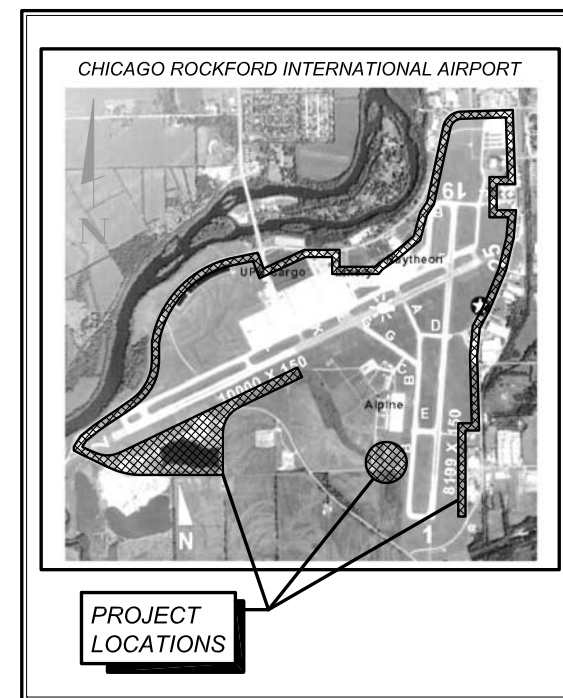
**APRIL 19, 2013
(JUNE 14, 2013 LETTING)**



INDEX TO SHEETS	
SHEET NO.	DESCRIPTION
1	COVER
2	SUMMARY OF QUANTITIES AND GENERAL NOTES
3	SITE PLAN AND CONTROL POINTS
4	CONSTRUCTION ACTIVITY PLAN 1 - BELTLINE ROAD AND KISHWAUKEE ROAD
5	CONSTRUCTION ACTIVITY PLAN 2 - SOUTH FALCON ROAD
6	CONSTRUCTION ACTIVITY PLAN 3 - FALCON ROAD AND AIRPORT DRIVE
7	CONSTRUCTION ACTIVITY PLAN 4 - AIRPORT DRIVE AND KISHWAUKEE ROAD
8	FENCING KEY PLAN
9	FENCING PLAN 1 - BELTLINE ROAD
10	FENCING PLAN 2 - BELTLINE ROAD
11	FENCING PLAN 3 - BELTLINE ROAD
12	FENCING PLAN 4 - BELTLINE ROAD
13	FENCING PLAN 5
14	FENCING PLAN 6 - CITY OF ROCKFORD WELL AND PUMPHOUSE
15	FENCING PLAN 7 - FALCON ROAD
16	FENCING PLAN 8 - FALCON ROAD
17	FENCING PLAN 9 - FALCON ROAD
18	FENCING PLAN 10 - FALCON ROAD
19	FENCING PLAN 11 - FALCON ROAD
20	FENCING PLAN 12 - FALCON ROAD
21	FENCING PLAN 13 - FALCON ROAD
22	FENCING PLAN 14 - FALCON ROAD
23	FENCING PLAN 15 - AIRPORT DRIVE AND FALCON ROAD
24	FENCING PLAN 16 - AIRPORT DRIVE
25	FENCING PLAN 17 - AIRPORT DRIVE
26	FENCING PLAN 18 - AIRPORT DRIVE
27	FENCING PLAN 19 - AIRPORT DRIVE
28	FENCING PLAN 20 - AIRPORT DRIVE
29	FENCING PLAN 21 - AIRPORT DRIVE
30	FENCING PLAN 22 - AIRPORT DRIVE
31	FENCING PLAN 23 - KISHWAUKEE ROAD
32	FENCING PLAN 24 - KISHWAUKEE ROAD
33	FENCING PLAN 25 - KISHWAUKEE ROAD
34	FENCING PLAN 26 - KISHWAUKEE ROAD
35	FENCING PLAN 27 - KISHWAUKEE ROAD
36	FENCING PLAN 28 - KISHWAUKEE ROAD
37	FENCING PLAN 29 - KISHWAUKEE ROAD
38	FENCING PLAN 30 - KISHWAUKEE ROAD AND BELTLINE ROAD
39	GATE PLAN 1 - GATE E33
40	GATE PLAN 2 - GATE E18
41	GATE PLAN 3 - GATE N6
42	GATE PLAN 4 - GATE N2
43	GATE PLAN 5 - GATES W51 AND W52
44	FENCING DETAILS SHEET 1
45	FENCING DETAILS SHEET 2
46	FENCING DETAILS SHEET 3
47	CANTILEVER GATE DETAILS
48	ELECTRIC GATE DETAILS
49	MISCELLANEOUS DETAILS



LOCATION MAP



SITE PLAN



Greater Rockford Airport Authority

APPROVED BY: 
MICHAEL P. DUNN
DIRECTOR

DATE: APRIL 19, 2013

DESIGN INFORMATION

TOWNSHIP: 43 NORTH COUNTY: WINNEBAGO
RANGE: 1 EAST ROCKFORD TOWNSHIP
ALP DATA: APPROACH CAT. / DESIGN GROUP: D5
DESIGN AIRCRAFT: 747-400
(MAXIMUM EQUIPMENT HEIGHT = 25')



**CALL J.U.L.I.E BEFORE
EXCAVATING
1-800-892-0123**

Illinois Professional Engineering Practice Act of 1989



Springfield, Illinois
Aurora, Illinois
Rockford, Illinois
Chicago, Illinois
Peoria, Illinois
Edwardsville, Illinois
St. Louis, Missouri
Springfield, Missouri
Columbus, Ohio
Indianapolis, Indiana

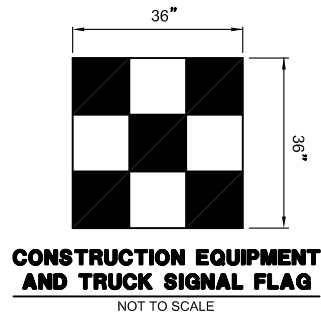
SUBMITTED BY: 
Sean M. Smith, P.E.

DATE: APRIL 19, 2013
license expires 11-30-2013

DATE: Thursday, April 25, 2013 9:29:47 AM
 FILE: K:\Rockford\12258-04_Fence-PH2\Draw Sheets\INDEX NOTES.dwg
 UPDATE BY: Sean Smith
 LAYOUT: INDEX NOTES
 6mp211ucq3
 6mp211ucq3
 REF: DWG: 12258-04-Fence-PH2
 IMAGE FILES: RFD Airport Logo-CMKX.jpg
 6mp211ucq3

SUMMARY OF QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	RECORD QUANTITY
BASE BID - REPLACE PERIMETER FENCE, PHASE 1 AND 2				
AR151450	CLEARING AND GRUBBING	AC	1	
AR162306	CLASS E GATE 6'-VINYL	EACH	3	
AR162310	CLASS E GATE 10'-VINYL	EACH	1	
AR162312	CLASS E GATE 12'-VINYL	EACH	2	
AR162410	CLASS E FENCE, VINYL-10'	LF	6,450	
AR162510	CLASS E FENCE 10'	LF	19,000	
AR162624	CLASS E GATE-24'	EACH	1	
AR162716	ELECTRIC GATE-16'	EACH	2	
AR162724	ELECTRIC GATE 24'	EACH	1	
AR162728	ELECTRIC GATE-28'	EACH	1	
AR162730	ELECTRIC GATE-30'	EACH	1	
AR162900	REMOVE CLASS E FENCE	LF	26,500	
AR162908	REMOVE ELECTRIC GATE	EACH	5	
AR162910	REMOVE CLASS E GATE	EACH	21	
AR162960	RELOCATE CLASS E FENCE	LF	3,700	
AR163000	TEMPORARY CONSTRUCTION FENCE	LF	2,000	
AR610510	STRUCTURAL PC CONCRETE	CY	10	
AR800842	CLASS E GATE-16', MANUAL SLIDE	EACH	1	
AR800843	CLASS E GATE-24', MANUAL SLIDE	EACH	10	
AR800844	CLASS E GATE-24', MANUAL SLIDE, VINYL	EACH	5	
AR800849	ACCESS CONTROL SYSTEM UPGRADES	LS	1	
AS901510	SEEDING	AC	1	
AS908510	MULCHING	AC	1	
ADDITIVE ALTERNATE 1 - REPLACE FENCE IN UPS EMPLOYEE PARKING AND AT ROCKFORD PUMP HOUSE				
AS162510	CLASS E FENCE 10'	LF	2,960	
AS162610	CLASS E GATE-10'	EACH	1	
AS162900	REMOVE CLASS E FENCE	LF	3,700	
AS162910	REMOVE CLASS E GATE	EACH	3	
AS800843	CLASS E GATE-24', MANUAL SLIDE	EACH	1	
AS800846	WILDLIFE DETERRENT BARRIER	LF	3,670	
AS901510	SEEDING	AC	0.50	
AS908510	MULCHING	AC	0.50	
ADDITIVE ALTERNATE 2 - REPLACE FENCE FROM KANEY TO FIRE STATION NO. 7 ALONG FALCON ROAD				
AT162510	CLASS E FENCE 10'	LF	2,925	
AT162606	CLASS E GATE-6'	EACH	3	
AT162616	CLASS E GATE-16'	EACH	1	
AT162620	CLASS E GATE-20'	EACH	3	
AT162624	CLASS E GATE-24'	EACH	1	
AT162724	ELECTRIC GATE 24'	EACH	1	
AT162900	REMOVE CLASS E FENCE	LF	2,925	
AT162908	REMOVE ELECTRIC GATE	EACH	2	
AT162910	REMOVE CLASS E GATE	EACH	9	
AT800843	CLASS E GATE-24', MANUAL SLIDE	EACH	1	
AT800849	ACCESS CONTROL SYSTEM UPGRADES	LS	1	

- GENERAL NOTES**
- ALL RUNWAYS, TAXIWAYS, AND APRONS SHALL BE KEPT OPEN TO AIRPORT TRAFFIC DURING CONSTRUCTION.
 - ALL CONSTRUCTION TRAFFIC OPERATING ON OR CROSSING RUNWAYS, TAXIWAYS AND APRONS OPEN TO AIRCRAFT TRAFFIC SHALL BE UNDER CONTROL OF A FLAGMAN IN RADIO CONTACT WITH FAA AIR TRAFFIC CONTROL TOWER PERSONNEL AT ALL TIMES. THE CONTRACTOR SHALL PROVIDE HIS OWN RADIOS AND ONLY HIS PERSONNEL WHO HAVE SUCCESSFULLY COMPLETED AN APPROVED SAFETY COURSE MAY OPERATE THESE RADIOS.
 - WHEN CONFLICTS ARISE BETWEEN CONSTRUCTION ACTIVITIES AND AIRCRAFT OPERATIONS AND SAFETY, AIRCRAFT OPERATIONS AND SAFETY SHALL TAKE PRECEDENCE AND SHALL GOVERN. FINAL AUTHORITY IN THE APPROVAL OF THE CONSTRUCTION SEQUENCING LIES WITH THE AIRPORT OPERATIONS DIRECTOR.
 - THE CONTRACTOR WILL BE PERMITTED TO STORE EQUIPMENT AND MATERIALS AT THE LOCATIONS SHOWN ON THE CONSTRUCTION ACTIVITY PLANS. THE MAXIMUM HEIGHT OF EQUIPMENT, MATERIALS AND STOCKPILES SHALL BE 25' ABOVE GROUND ELEVATION.
 - BROKEN ASPHALT, CONCRETE OR FENCE MATERIALS SHALL BE DISPOSED OF BY THE CONTRACTOR OFF OF AIRPORT PROPERTY UNLESS OTHERWISE DIRECTED BY THE AIRPORT.
 - VEHICLES AND EQUIPMENT SHALL NOT BE ALLOWED WITHIN 160' FROM THE CENTERLINE OF ACTIVE TAXIWAYS (OFA - TDG V) OR 400' FROM THE CENTERLINES OF ACTIVE RUNWAYS (ROFA).
 - ROADS AND STORAGE AREAS SHALL BE MAINTAINED AND REPAIRED IN KIND BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AND THE AIRPORT. NO ADDITIONAL COMPENSATION SHALL BE MADE TO THE CONTRACTOR FOR THIS WORK.
 - EXISTING TURF AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY HIM AT HIS EXPENSE TO THE SATISFACTION OF THE ENGINEER AND THE AIRPORT.
 - THE CONTRACTOR SHALL CONTINUOUSLY CLEAN CONSTRUCTION AREAS WHICH WILL BE OPENED TO AIRCRAFT OR VEHICLE TRAFFIC.
 - IT WILL BE NECESSARY FOR THE CONTRACTOR TO MAKE HIS OWN FIELD INVESTIGATION TO DETERMINE THE EXACT LOCATION OF THE UNDERGROUND FACILITIES AT CRITICAL POINTS SO AS TO AVOID ANY DAMAGE. ANY UTILITY, INCLUDING AIRFIELD ELECTRICAL CABLE AND LIGHTS, DAMAGED BY THE CONTRACTOR, SHALL BE REPAIRED BY HIM AT HIS OWN EXPENSE, IN A MANNER WHICH IS SATISFACTORY TO THE ENGINEER AND TO THE OWNER OF THE UTILITY. ANY REPAIRS THAT MUST BE MADE BY THE OWNER OF THE UTILITY SHALL HAVE THE COST REIMBURSED TO THE OWNER BY THE CONTRACTOR. AIRFIELD LIGHTING CABLES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED BY A QUALIFIED ELECTRICIAN WITH THE COSTS TO BE BORNE BY THE CONTRACTOR. SHOULD A UTILITY COMPANY OR GOVERNMENT AGENCY BE UNABLE TO LOCATE FACILITIES, THE CONTRACTOR SHALL LOCATE THESE FACILITIES. PAYMENT FOR THIS LOCATION SHALL BE INCIDENTAL TO THE IMPROVEMENTS REQUIRING THE LOCATIONS.
 - IN AREAS WHERE TEMPORARY FENCE IS NOT USED, THE NEW FENCE SHALL BE INSTALLED BEFORE THE EXISTING FENCE IS REMOVED SO AS TO PROVIDE A SECURED PERIMETER.
 - THE CONTRACTOR SHALL BE REQUIRED TO PUT AIRPORT FLAGS AND HAVE BEACON (FLASHING AMBER) LIGHTS ON ALL EQUIPMENT AT ALL TIMES DURING CONSTRUCTION.
 - IN AREAS WHERE NEW FENCE IS TO BE INSTALLED LESS THAN 10-FEET FROM EXISTING FENCE, AT A MINIMUM, THE EXISTING FENCE FABRIC SHALL BE REMOVED THE SAME DAY THE NEW FENCE FABRIC IS INSTALLED. THE NEW AND EXISTING FENCE SHALL NOT BE IN PLACE AT THE SAME TIME FOR MORE THAN 8 HOURS.
 - CONTRACTOR'S ACCESS SHALL BE AS FOLLOWS:
 - THE CONTRACTOR'S ACCESS TO THE WORK SHALL BE AS SHOWN IN THE PLANS.
 - THE CONTRACTOR SHALL RESTRICT ALL CONSTRUCTION ACTIVITIES TO THE CONSTRUCTION AREA DETAILED IN THE CONSTRUCTION ACTIVITY PLANS. ANY UNAUTHORIZED MOVEMENTS, PEDESTRIAN OR VEHICULAR, BEYOND THE CONSTRUCTION LIMITS SHOWN SHALL BE CONSIDERED AN AIRFIELD INCURSION. AIRFIELD INCURSIONS, AT THE DISCRETION OF THE AIRPORT DEPUTY DIRECTOR OF OPERATIONS, MAY BE FINED \$10,000 PER INCIDENT. INCURSION FINES WILL BE ASSESSED IMMEDIATELY AND TAKEN FROM MONIES DUE THE CONTRACTOR ON THE NEXT CONSTRUCTION PAYMENT.
 - DRIVER'S TRAINING AND BADGING SHALL BE REQUIRED FOR THE CONTRACTOR'S SUPERVISORY PERSONNEL. OTHER CONSTRUCTION PERSONNEL CAN BE WITHIN THE AIRFIELD'S LIMITS PROVIDED THAT THEY ARE UNDER ESCORT AND IN THE PRESENCE OF AN AUTHORIZED SUPERVISOR. THE DRIVER'S TRAINING AND BADGING OF THE INITIAL SUPERVISORY PERSONNEL MUST BE COMPLETED PRIOR TO THE START OF CONSTRUCTION.
 - THE CONTRACTOR SHALL USE AN EXISTING GATE(S) FOR ACCESS TO THE AIRFIELD. THE CONTRACTOR SHALL OBTAIN AN AIRPORT SUPPLIED LOCK AND KEYS IN ACCORDANCE WITH SPECIFICATIONS SECTION 60-13. NO ADDITIONAL KEYS ARE TO BE DISTRIBUTED UNLESS AUTHORIZED BY THE RESIDENT ENGINEER.
 - THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND TEMPORARY EASEMENTS FOR THE PUBLIC ACCESS ROAD(S) SHOWN AND SHALL COMPLY WITH ALL REQUIREMENTS, LOAD RESTRICTIONS AND TRAFFIC CONTROL SIGNAGE REQUIRED BY THE CITY, COUNTY, TOWNSHIP OR IDOT.
 - DURING ADVERSE WEATHER, THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE WORK AT NO ADDITIONAL COST TO THE CONTRACT. NO EXTENSION OF CONTRACT TIME WILL BE CONSIDERED FOR DELAYS DUE TO LACK OF ADEQUATE ACCESS TO THE WORK SITE.
 - ACCESS GATES SHALL BE MAINTAINED, CLOSED AND LOCKED AS DIRECTED BY THE DEPUTY DIRECTOR OF OPERATIONS. SHOULD THE CONTRACTOR'S OPERATIONS REQUIRE GATES TO REMAIN OPEN TO PROVIDE ACCESS FOR HAULING OPERATIONS, A COMPETENT GATE GUARD SHALL BE REQUIRED TO CONTROL ACCESS TO THE AIRFIELD. A \$1,000 FINE SHALL BE ASSESSED FOR ANY OCCURRENCE OF AN UNSECURED GATE THAT IS THE CONTRACTOR'S RESPONSIBILITY. AN UNSECURED GATE SHALL BE DEFINED AS ANY GATE THAT IS NOT WITHIN THE SIGHT AND PHYSICAL CONTROL OF THE CONTRACTOR'S GUARD. IN THE EVENT THAT THE GATE MAY NOT BE SECURED, THE CONTRACTOR WILL BE CHARGED FOR AIRPORT PERSONNEL TO REMAIN AT THE GATE UNTIL THE GATE IS SECURED.
 - THE CONTRACTOR SHALL CLOSE AND LOCK THE ACCESS GATE(S) UPON LEAVING THE SITE.
 - ALL COSTS RELATING TO CONTRACTOR'S ACCESS AND SECURITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 - THE CONTRACTOR SHALL STORE EQUIPMENT AND MATERIALS IN SUCH A WAY AS TO NOT VIOLATE AIRPORT PART 77 SURFACES OR RUNWAY AND TAXIWAY OBJECT FREE AREAS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ACTIVE AIRFIELD PAVEMENTS WHICH ARE CROSSED BY HIS VEHICLES.



PROJECT DESCRIPTION

BASE BID
REMOVAL AND REPLACEMENT OF EXISTING 6-FOOT AND 8-FOOT FENCE WITH AND WITHOUT TOP RAIL AT THE LOCATIONS SHOWN, INCLUDING REMOVAL AND REPLACEMENT OF EXISTING SWING AND SLIDE GATES. NEW FENCE SHALL BE 10-FOOT CHAINLINK WITH THREE STRANDS BARBED WIRE. NEW GATES SHALL BE 10-FOOT HIGH SLIDE GATES WITH THREE STRANDS BARBED WIRE OF VARIOUS WIDTHS, WITH AND WITHOUT GATE OPERATORS, AND 10-FOOT HIGH SWING GATES OF VARIOUS WIDTHS WITH THREE STRANDS BARBED WIRE. ALSO INCLUDED IS THE INSTALLATION OF CONSTRUCTION VEHICLE INSPECTION AREAS WITH CONTRACTOR PARKING AND STORAGE FOR USE ON FUTURE PROJECTS.

FROM THE UPS GENERATOR BUILDING TO THE WEST SIDE OF THE KANEY JET CENTER ALONG AIRPORT DRIVE, THE FENCE AND GATES SHALL BE VINYL COATED, AS DENOTED IN THE PLANS.

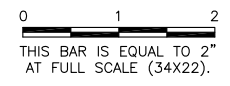
ADDITIVE ALTERNATE 1
REMOVAL AND REPLACEMENT OF 6-FOOT CHAINLINK FENCE AND THREE STRANDS BARBED WIRE AS WELL AS GATES OF VARIOUS TYPES AND SIZES. NEW FENCE AND GATES SHALL BE 10-FOOT HIGH WITH THREE STRANDS OF BARBED WIRE. ADDITIVE ALTERNATE 1 IS LOCATED AT THE UPS FACILITY AND THE FENCE SURROUNDING THE CITY OF ROCKFORD WELL AND PUMP HOUSE. WILDLIFE DETERRENT BARRIER TO DISCOURAGE ANIMALS FROM BURROWING UNDER THE FENCELINE IS INCLUDED IN ADDITIVE ALTERNATE 1.

ADDITIVE ALTERNATE 2
REMOVAL AND REPLACEMENT OF 6-FOOT CHAINLINK FENCE AND THREE STRANDS BARBED WIRE AS WELL AS GATES OF VARIOUS TYPES AND SIZES. NEW FENCE AND GATES SHALL BE 10-FOOT HIGH WITH THREE STRANDS OF BARBED WIRE. ADDITIVE ALTERNATE 2 IS LOCATED ALONG FALCON DRIVE FROM THE EAST SIDE OF THE KANEY JET CENTER SOUTH TO THE CITY OF ROCKFORD FIRE STATION NO. 7.

IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE



GREATLAKES AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2
SUMMARY OF QUANTITIES
AND GENERAL NOTES

GMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

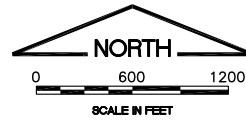
DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

DATE: Wednesday, April 24, 2013 4:10:48 PM
 FILE: K:\Rockford\12258-04_Fence_Plan\Draw\Streets\Site Plan.dwg
 UPDATE BY: Sean Smith
 LAYOUT: Site Plan
 XREF DWG: 1b.dwg
 C:\BASF.dwg
 prog_fence.dwg
 RFD_PROPERTY_LINE.dwg
 IMAGE FILES: RFD_Airport_logo-CMKX.jpg

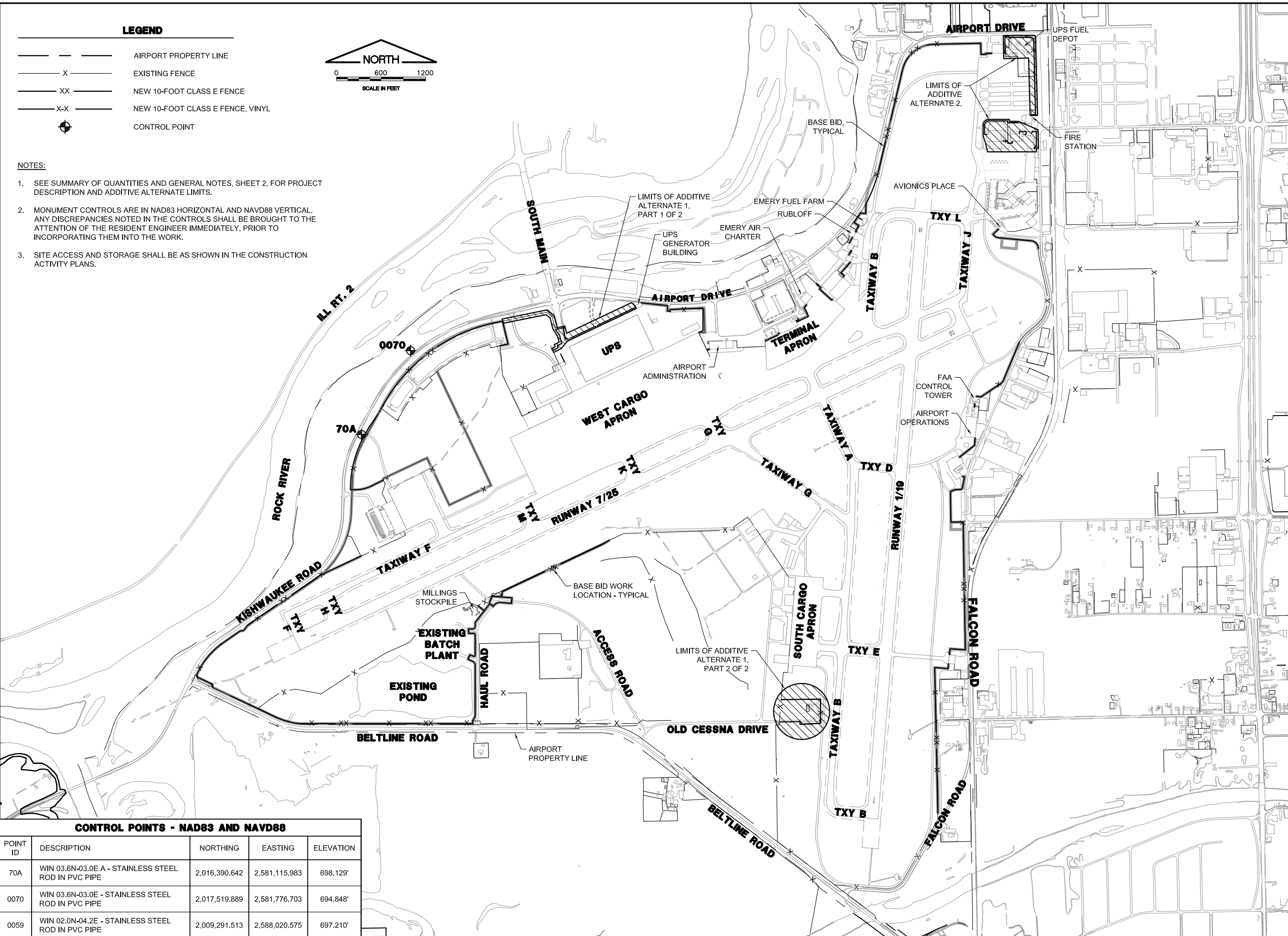
LEGEND

- AIRPORT PROPERTY LINE
- X - EXISTING FENCE
- XX —— NEW 10-FOOT CLASS E FENCE
- X-X —— NEW 10-FOOT CLASS E FENCE, VINYL
- ⊙ CONTROL POINT



NOTES:

1. SEE SUMMARY OF QUANTITIES AND GENERAL NOTES, SHEET 2, FOR PROJECT DESCRIPTION AND ADDITIVE ALTERNATE LIMITS.
2. MONUMENT CONTROLS ARE IN NAD83 HORIZONTAL AND NAVD88 VERTICAL. ANY DISCREPANCIES NOTED IN THE CONTROLS SHALL BE BROUGHT TO THE ATTENTION OF THE RESIDENT ENGINEER IMMEDIATELY, PRIOR TO INCORPORATING THEM INTO THE WORK.
3. SITE ACCESS AND STORAGE SHALL BE AS SHOWN IN THE CONSTRUCTION ACTIVITY PLANS.

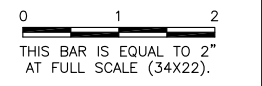


I.L. CONTRACT: **RO023**
 I.L. LETTING ITEM: **20A**
 I.L. PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS

NUMBER	BY	DATE



GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2
SITE PLAN AND CONTROL POINTS

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

CONTROL POINTS - NAD83 AND NAVD88

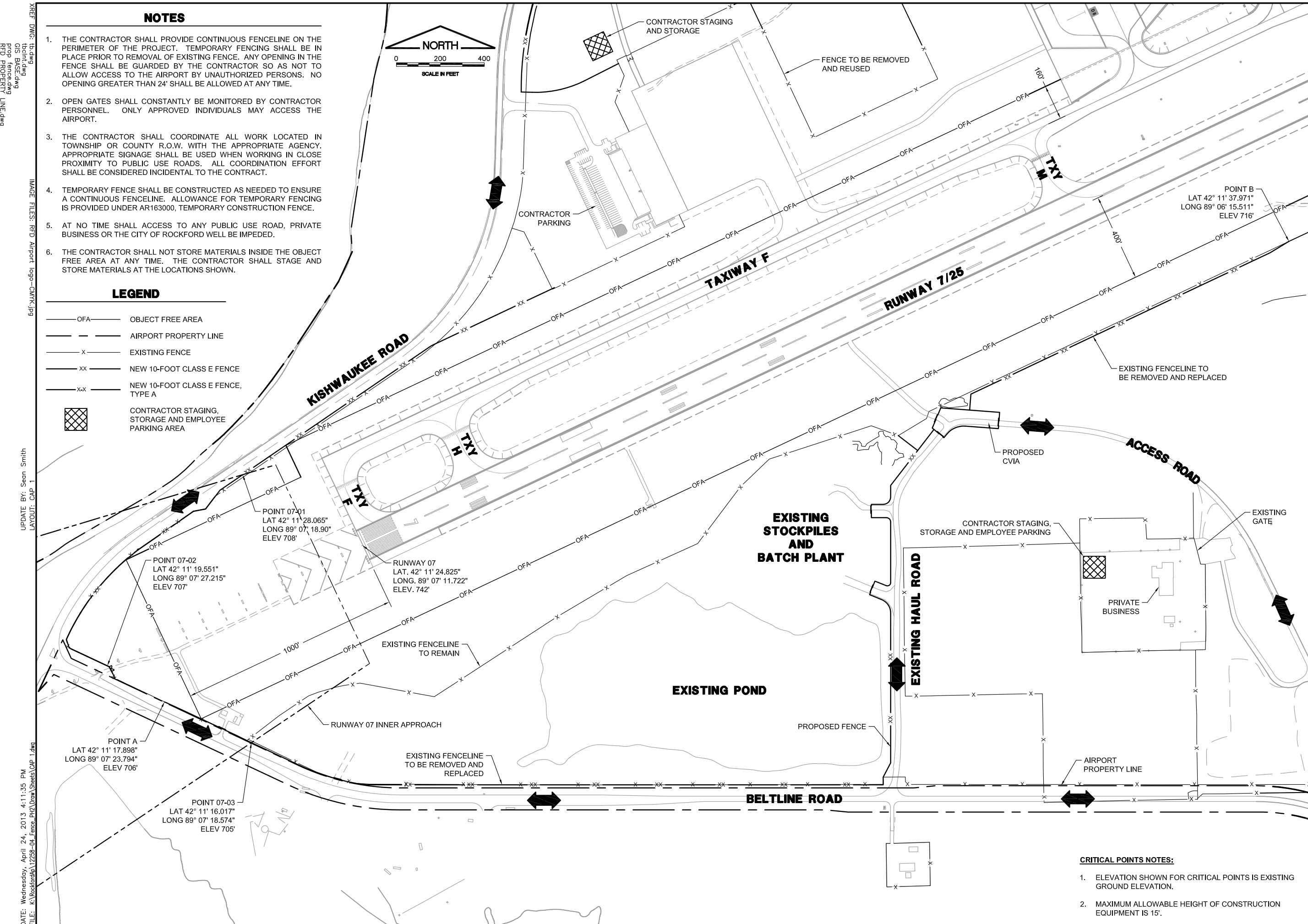
POINT ID	DESCRIPTION	NORTHING	EASTING	ELEVATION
70A	WIN 03.6N-03.0E A - STAINLESS STEEL ROD IN PVC PIPE	2,016,390.642	2,581,115.983	698.129'
0070	WIN 03.6N-03.0E - STAINLESS STEEL ROD IN PVC PIPE	2,017,519.889	2,581,776.703	694.848'
0059	WIN 02.0N-04.2E - STAINLESS STEEL ROD IN PVC PIPE	2,009,291.513	2,588,020.575	697.210'

NOTES

1. THE CONTRACTOR SHALL PROVIDE CONTINUOUS FENCELINE ON THE PERIMETER OF THE PROJECT. TEMPORARY FENCING SHALL BE IN PLACE PRIOR TO REMOVAL OF EXISTING FENCE. ANY OPENING IN THE FENCE SHALL BE GUARDED BY THE CONTRACTOR SO AS NOT TO ALLOW ACCESS TO THE AIRPORT BY UNAUTHORIZED PERSONS. NO OPENING GREATER THAN 24" SHALL BE ALLOWED AT ANY TIME.
2. OPEN GATES SHALL CONSTANTLY BE MONITORED BY CONTRACTOR PERSONNEL. ONLY APPROVED INDIVIDUALS MAY ACCESS THE AIRPORT.
3. THE CONTRACTOR SHALL COORDINATE ALL WORK LOCATED IN TOWNSHIP OR COUNTY R.O.W. WITH THE APPROPRIATE AGENCY. APPROPRIATE SIGNAGE SHALL BE USED WHEN WORKING IN CLOSE PROXIMITY TO PUBLIC USE ROADS. ALL COORDINATION EFFORT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
4. TEMPORARY FENCE SHALL BE CONSTRUCTED AS NEEDED TO ENSURE A CONTINUOUS FENCELINE. ALLOWANCE FOR TEMPORARY FENCING IS PROVIDED UNDER AR163000, TEMPORARY CONSTRUCTION FENCE.
5. AT NO TIME SHALL ACCESS TO ANY PUBLIC USE ROAD, PRIVATE BUSINESS OR THE CITY OF ROCKFORD WELL BE IMPEDED.
6. THE CONTRACTOR SHALL NOT STORE MATERIALS INSIDE THE OBJECT FREE AREA AT ANY TIME. THE CONTRACTOR SHALL STAGE AND STORE MATERIALS AT THE LOCATIONS SHOWN.

LEGEND

- OFA — OBJECT FREE AREA
- - - AIRPORT PROPERTY LINE
- x- EXISTING FENCE
- xx- NEW 10-FOOT CLASS E FENCE
- x-x- NEW 10-FOOT CLASS E FENCE, TYPE A
- [Hatched Box] CONTRACTOR STAGING, STORAGE AND EMPLOYEE PARKING AREA

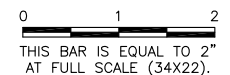


IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS

NUMBER	BY	DATE



**GREATER ROCKFORD AIRPORT AUTHORITY
 CHICAGO ROCKFORD INTERNATIONAL AIRPORT
 ROCKFORD, IL**

**REPLACE PERIMETER FENCE, PHASES 1 AND 2
 CONSTRUCTION ACTIVITY PLAN SHEET 1
 BELTLINE ROAD AND KISHWAUKEE ROAD**

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613



DESIGN BY: SMS
 DRAWN BY: CMT
 CHECKED BY: SMS
 APPROVED BY: DLP
 DATE: 04/19/2013
 JOB No: 12258-04-00/06

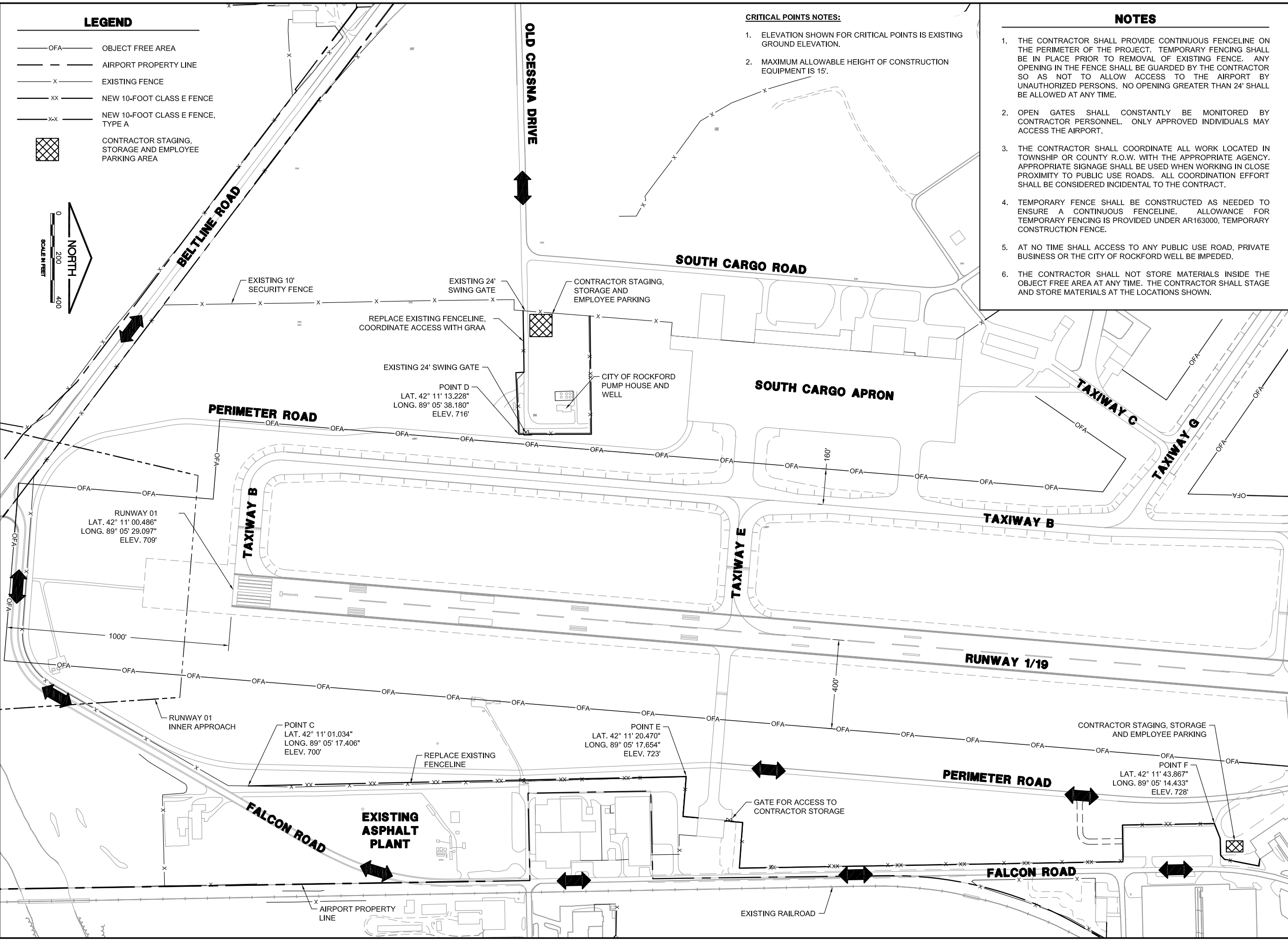
FINAL

CRITICAL POINTS NOTES:

1. ELEVATION SHOWN FOR CRITICAL POINTS IS EXISTING GROUND ELEVATION.
2. MAXIMUM ALLOWABLE HEIGHT OF CONSTRUCTION EQUIPMENT IS 15'.

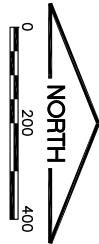
DATE: Wednesday, April 24, 2013 4:11:35 PM
 FILE: K:\Rockford\12258-04_Fence_Phase 1\Draw\Sheet\CAP 1.dwg
 UPDATE BY: Sean Smith
 LAYOUT: CAP 1
 IMAGE FILES: RFD_Airport_logo-CMTRC.jpg
 RFD_PROPERTY_LINE.dwg
 RFD_FENCE.dwg
 RFD.dwg
 KRFE.DWG

DATE: Wednesday, April 24, 2013 4:12:15 PM
 FILE: K:\Rockford\12258-04_Fence_Plan\Draw Sheets\CAP 2.dwg
 UPDATE BY: Sean Smith
 LAYOUT: CAP 2
 XREF DWG: 13.dwg
 C:\BASF\proj_fence.dwg
 RFD_PROPERTY_LINE.dwg
 IMAGE FILES: RFD_Airport_logo-CMKX.jpg



LEGEND

- OFA — OBJECT FREE AREA
- - - AIRPORT PROPERTY LINE
- X - EXISTING FENCE
- XX - NEW 10-FOOT CLASS E FENCE
- X-X - NEW 10-FOOT CLASS E FENCE, TYPE A
- [Cross-hatched box] CONTRACTOR STAGING, STORAGE AND EMPLOYEE PARKING AREA



CRITICAL POINTS NOTES:

1. ELEVATION SHOWN FOR CRITICAL POINTS IS EXISTING GROUND ELEVATION.
2. MAXIMUM ALLOWABLE HEIGHT OF CONSTRUCTION EQUIPMENT IS 15'.

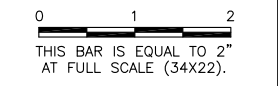
NOTES

1. THE CONTRACTOR SHALL PROVIDE CONTINUOUS FENCELINE ON THE PERIMETER OF THE PROJECT. TEMPORARY FENCING SHALL BE IN PLACE PRIOR TO REMOVAL OF EXISTING FENCE. ANY OPENING IN THE FENCE SHALL BE GUARDED BY THE CONTRACTOR SO AS NOT TO ALLOW ACCESS TO THE AIRPORT BY UNAUTHORIZED PERSONS. NO OPENING GREATER THAN 24' SHALL BE ALLOWED AT ANY TIME.
2. OPEN GATES SHALL CONSTANTLY BE MONITORED BY CONTRACTOR PERSONNEL. ONLY APPROVED INDIVIDUALS MAY ACCESS THE AIRPORT.
3. THE CONTRACTOR SHALL COORDINATE ALL WORK LOCATED IN TOWNSHIP OR COUNTY R.O.W. WITH THE APPROPRIATE AGENCY. APPROPRIATE SIGNAGE SHALL BE USED WHEN WORKING IN CLOSE PROXIMITY TO PUBLIC USE ROADS. ALL COORDINATION EFFORT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
4. TEMPORARY FENCE SHALL BE CONSTRUCTED AS NEEDED TO ENSURE A CONTINUOUS FENCELINE. ALLOWANCE FOR TEMPORARY FENCING IS PROVIDED UNDER AR163000, TEMPORARY CONSTRUCTION FENCE.
5. AT NO TIME SHALL ACCESS TO ANY PUBLIC USE ROAD, PRIVATE BUSINESS OR THE CITY OF ROCKFORD WELL BE IMPEDED.
6. THE CONTRACTOR SHALL NOT STORE MATERIALS INSIDE THE OBJECT FREE AREA AT ANY TIME. THE CONTRACTOR SHALL STAGE AND STORE MATERIALS AT THE LOCATIONS SHOWN.

I.L. CONTRACT: **RO023**
 I.L. LETTING ITEM: **20A**
 I.L. PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE



GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2
CONSTRUCTION ACTIVITY PLAN SHEET 2
SOUTH FALCON ROAD

GMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

SHEET 05 OF 49 SHEETS

DATE: Wednesday, April 24, 2013 4:12:37 PM
 FILE: K:\Rockford\12258-04_Fence_Plan\Draw\Sheet\CAP 3.dwg
 UPDATE BY: Sean Smith
 LAYOUT: CAP 3
 KREF DWG: 15.dwg
 RFD Base.dwg
 prop_fence.dwg
 RFD PROPERTY LINE.dwg
 IMAGE TILES: RFD Airport Logo-CMYK.jpg

- CRITICAL POINTS NOTES:**
- ELEVATION SHOWN FOR CRITICAL POINTS IS EXISTING GROUND ELEVATION.
 - MAXIMUM ALLOWABLE HEIGHT OF CONSTRUCTION EQUIPMENT IS 15'.

LEGEND

- OFA OBJECT FREE AREA
- AIRPORT PROPERTY LINE
- EXISTING FENCE
- NEW 10-FOOT CLASS E FENCE
- NEW 10-FOOT CLASS E FENCE, TYPE A
- CONTRACTOR STAGING, STORAGE AND EMPLOYEE PARKING AREA

- NOTES**
- THE CONTRACTOR SHALL PROVIDE CONTINUOUS FENCELINE ON THE PERIMETER OF THE PROJECT. TEMPORARY FENCING SHALL BE IN PLACE PRIOR TO REMOVAL OF EXISTING FENCE. ANY OPENING IN THE FENCE SHALL BE GUARDED BY THE CONTRACTOR SO AS NOT TO ALLOW ACCESS TO THE AIRPORT BY UNAUTHORIZED PERSONS. NO OPENING GREATER THAN 24' SHALL BE ALLOWED AT ANY TIME.
 - OPEN GATES SHALL CONSTANTLY BE MONITORED BY CONTRACTOR PERSONNEL. ONLY APPROVED INDIVIDUALS MAY ACCESS THE AIRPORT.
 - THE CONTRACTOR SHALL COORDINATE ALL WORK LOCATED IN TOWNSHIP OR COUNTY R.O.W. WITH THE APPROPRIATE AGENCY. APPROPRIATE SIGNAGE SHALL BE USED WHEN WORKING IN CLOSE PROXIMITY TO PUBLIC USE ROADS. ALL COORDINATION EFFORT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
 - TEMPORARY FENCE SHALL BE CONSTRUCTED AS NEEDED TO ENSURE A CONTINUOUS FENCELINE. ALLOWANCE FOR TEMPORARY FENCING IS PROVIDED UNDER AR163000, TEMPORARY CONSTRUCTION FENCE.
 - AT NO TIME SHALL ACCESS TO ANY PUBLIC USE ROAD, PRIVATE BUSINESS OR THE CITY OF ROCKFORD WELL BE IMPEDED.
 - THE CONTRACTOR SHALL NOT STORE MATERIALS INSIDE THE OBJECT FREE AREA AT ANY TIME. THE CONTRACTOR SHALL STAGE AND STORE MATERIALS AT THE LOCATIONS SHOWN.

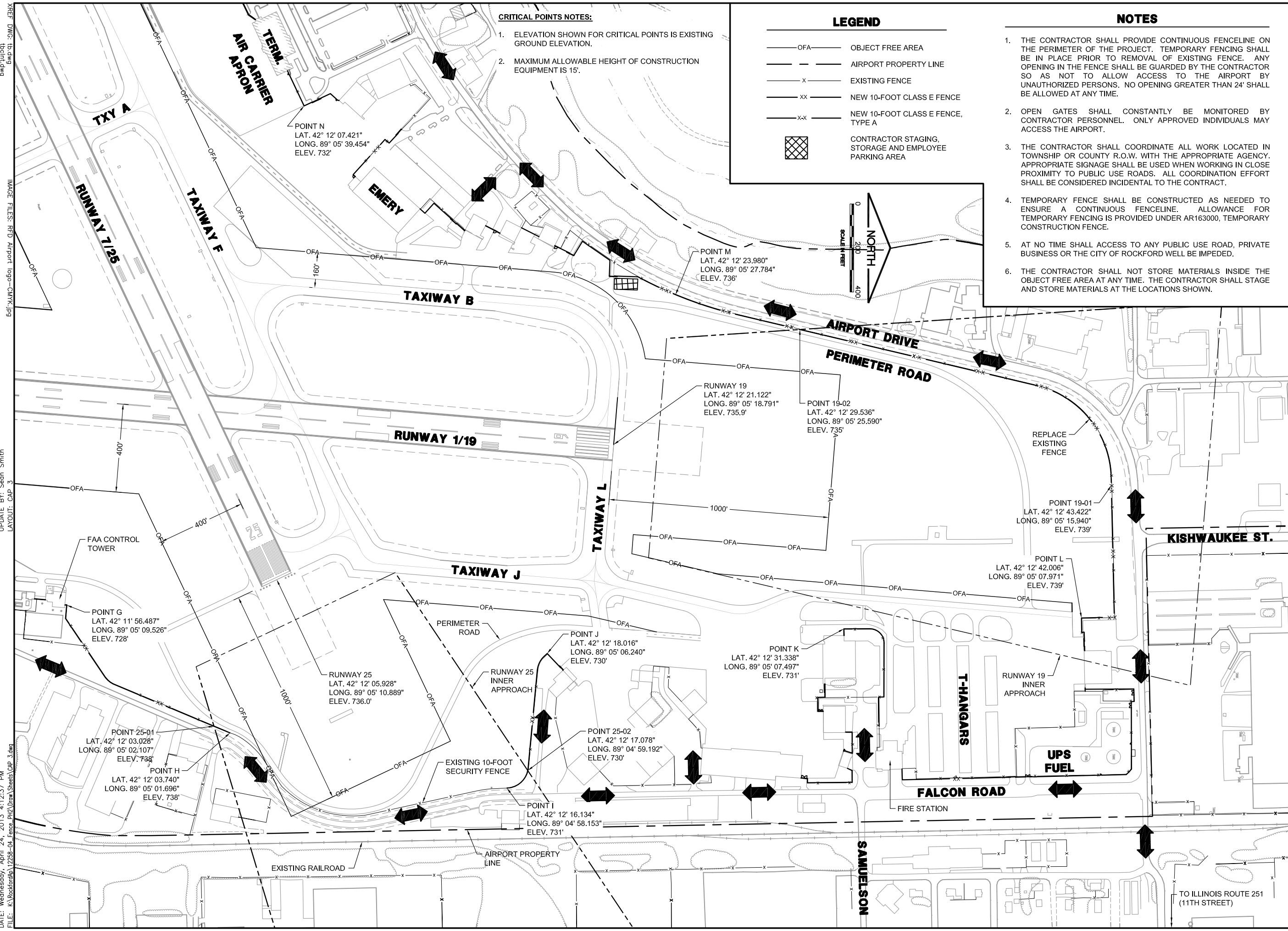
IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS

NUMBER	BY	DATE

0 1 2
 THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).



GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL
 REPLACE PERIMETER FENCE, PHASES 1 AND 2
 CONSTRUCTION ACTIVITY PLAN SHEET 3
 FALCON ROAD AND AIRPORT DRIVE

© Copyright CMT, Inc.

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

DESIGN BY: SMS
 DRAWN BY: CMT
 CHECKED BY: SMS
 APPROVED BY: DLP
 DATE: 04/19/2013
 JOB No: 12258-04-00/06

FINAL

SHEET 06 OF 49 SHEETS

NOTES

1. THE CONTRACTOR SHALL PROVIDE CONTINUOUS FENCELINE ON THE PERIMETER OF THE PROJECT. TEMPORARY FENCING SHALL BE IN PLACE PRIOR TO REMOVAL OF EXISTING FENCE. ANY OPENING IN THE FENCE SHALL BE GUARDED BY THE CONTRACTOR SO AS NOT TO ALLOW ACCESS TO THE AIRPORT BY UNAUTHORIZED PERSONS. NO OPENING GREATER THAN 24' SHALL BE ALLOWED AT ANY TIME.
2. OPEN GATES SHALL CONSTANTLY BE MONITORED BY CONTRACTOR PERSONNEL. ONLY APPROVED INDIVIDUALS MAY ACCESS THE AIRPORT.
3. THE CONTRACTOR SHALL COORDINATE ALL WORK LOCATED IN TOWNSHIP OR COUNTY R.O.W. WITH THE APPROPRIATE AGENCY. APPROPRIATE SIGNAGE SHALL BE USED WHEN WORKING IN CLOSE PROXIMITY TO PUBLIC USE ROADS. ALL COORDINATION EFFORT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
4. TEMPORARY FENCE SHALL BE CONSTRUCTED AS NEEDED TO ENSURE A CONTINUOUS FENCELINE. ALLOWANCE FOR TEMPORARY FENCING IS PROVIDED UNDER AR163000, TEMPORARY CONSTRUCTION FENCE.
5. AT NO TIME SHALL ACCESS TO ANY PUBLIC USE ROAD, PRIVATE BUSINESS OR THE CITY OF ROCKFORD WILL BE IMPEDED.
6. THE CONTRACTOR SHALL NOT STORE MATERIALS INSIDE THE OBJECT FREE AREA AT ANY TIME. THE CONTRACTOR SHALL STAGE AND STORE MATERIALS AT THE LOCATIONS SHOWN.



CRITICAL POINTS NOTES:

1. ELEVATION SHOWN FOR CRITICAL POINTS IS EXISTING GROUND ELEVATION.
2. MAXIMUM ALLOWABLE HEIGHT OF CONSTRUCTION EQUIPMENT IS 15'.

LEGEND

- OFA — OBJECT FREE AREA
- - - AIRPORT PROPERTY LINE
- x- EXISTING FENCE
- xx- NEW 10-FOOT CLASS E FENCE
- x-x- NEW 10-FOOT CLASS E FENCE, TYPE A
- [Cross-hatched box] CONTRACTOR STAGING, STORAGE AND EMPLOYEE PARKING AREA

IL. CONTRACT: **RO023**
 IL. LETTING ITEM: **20A**
 IL. PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

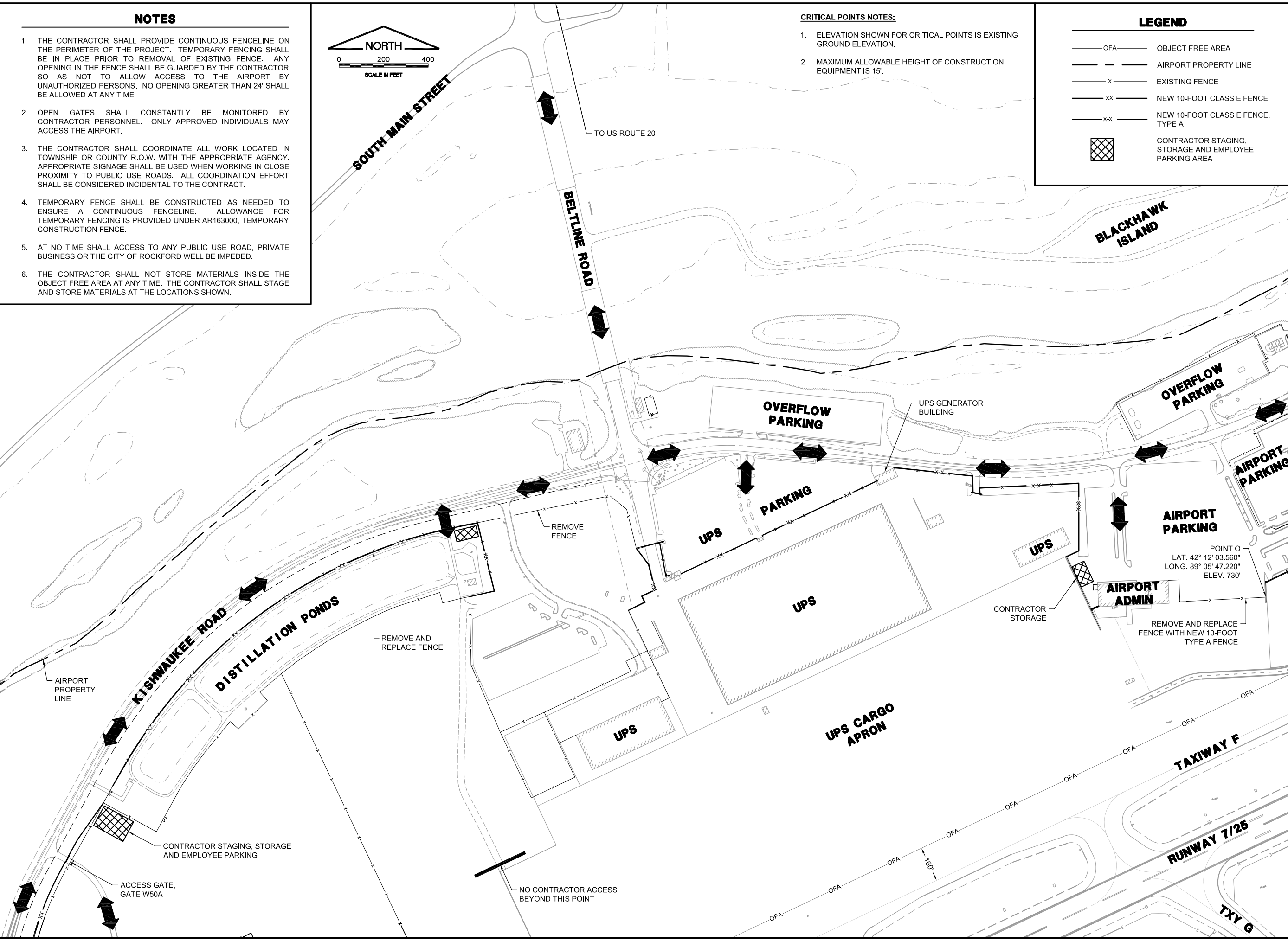
SURVEY BOOK # 12258-04-00

REVISIONS

NUMBER	BY	DATE

0 1 2
 THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).

DATE: Wednesday, April 24, 2013 4:13:11 PM
 FILE: K:\Rockford\12258-04_Fence_Php\Draw\Streets\CAP_4.dwg
 UPDATE BY: Sean Smith
 LAYOUT: CAP_4
 XREF: DWG: 15.dwg
 RFD_Base.dwg
 RFD_Property.dwg
 RFD_Property_Line.dwg
 IMAGE: STILL: RFD_Airport_logo-CMKX.jpg
 5d\



GREATER ROCKFORD AIRPORT AUTHORITY
 CHICAGO ROCKFORD INTERNATIONAL AIRPORT
 ROCKFORD, IL
 REPLACE PERIMETER FENCE, PHASES 1 AND 2
 CONSTRUCTION ACTIVITY PLAN SHEET 4
 AIRPORT DRIVE AND KISHWAUKEE ROAD

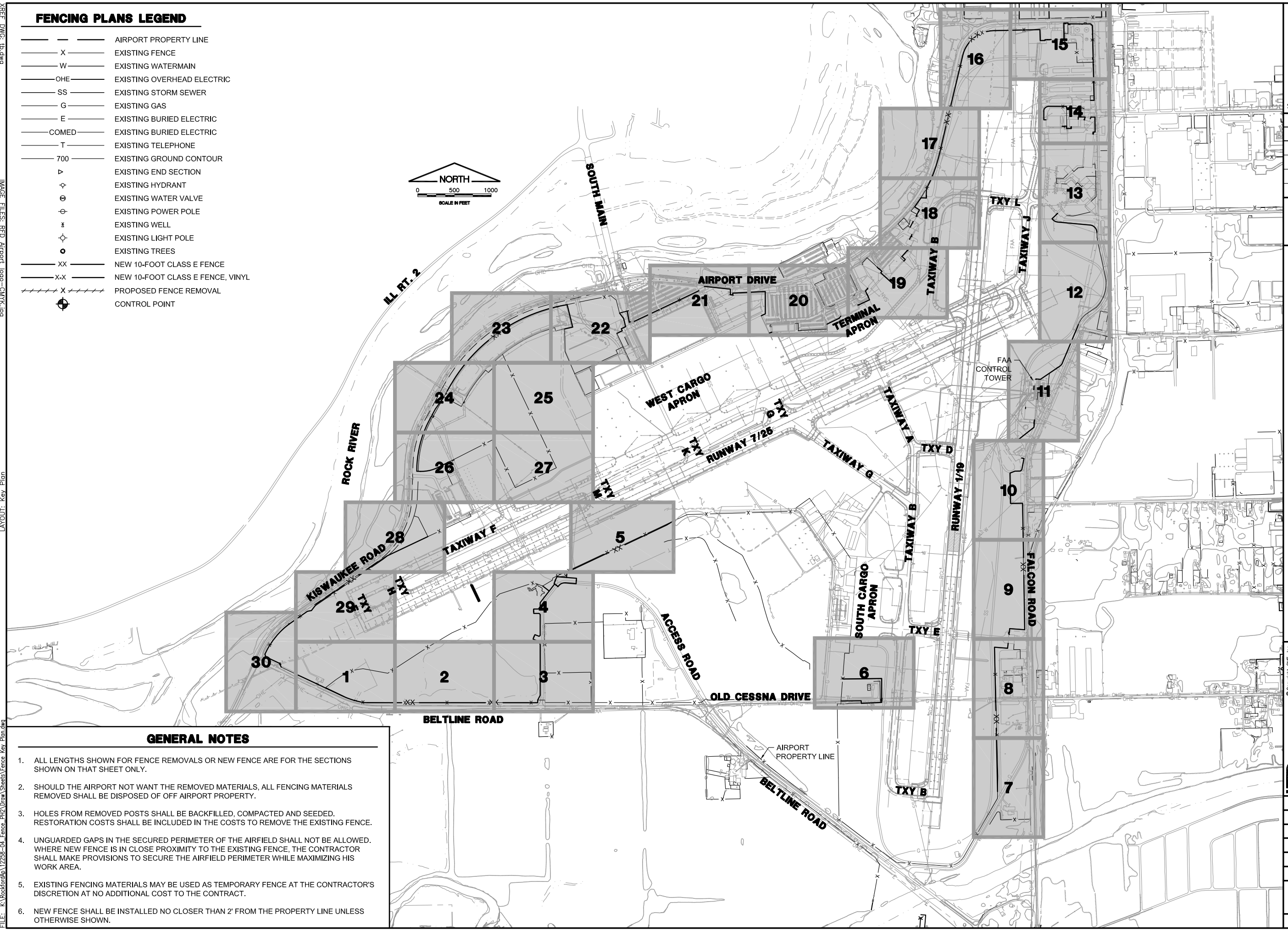
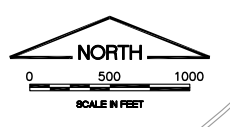
© Copyright CMT, Inc.

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

FENCING PLANS LEGEND	
---	AIRPORT PROPERTY LINE
X	EXISTING FENCE
W	EXISTING WATERMAIN
OHE	EXISTING OVERHEAD ELECTRIC
SS	EXISTING STORM SEWER
G	EXISTING GAS
E	EXISTING BURIED ELECTRIC
COMED	EXISTING BURIED ELECTRIC
T	EXISTING TELEPHONE
700	EXISTING GROUND CONTOUR
▽	EXISTING END SECTION
◇	EXISTING HYDRANT
⊕	EXISTING WATER VALVE
⊖	EXISTING POWER POLE
⊗	EXISTING WELL
⊙	EXISTING LIGHT POLE
○	EXISTING TREES
XX	NEW 10-FOOT CLASS E FENCE
X-X	NEW 10-FOOT CLASS E FENCE, VINYL
---X---	PROPOSED FENCE REMOVAL
⊙	CONTROL POINT



GENERAL NOTES

1. ALL LENGTHS SHOWN FOR FENCE REMOVALS OR NEW FENCE ARE FOR THE SECTIONS SHOWN ON THAT SHEET ONLY.
2. SHOULD THE AIRPORT NOT WANT THE REMOVED MATERIALS, ALL FENCING MATERIALS REMOVED SHALL BE DISPOSED OF OFF AIRPORT PROPERTY.
3. HOLES FROM REMOVED POSTS SHALL BE BACKFILLED, COMPACTED AND SEEDED. RESTORATION COSTS SHALL BE INCLUDED IN THE COSTS TO REMOVE THE EXISTING FENCE.
4. UNGUARDED GAPS IN THE SECURED PERIMETER OF THE AIRFIELD SHALL NOT BE ALLOWED. WHERE NEW FENCE IS IN CLOSE PROXIMITY TO THE EXISTING FENCE, THE CONTRACTOR SHALL MAKE PROVISIONS TO SECURE THE AIRFIELD PERIMETER WHILE MAXIMIZING HIS WORK AREA.
5. EXISTING FENCING MATERIALS MAY BE USED AS TEMPORARY FENCE AT THE CONTRACTOR'S DISCRETION AT NO ADDITIONAL COST TO THE CONTRACT.
6. NEW FENCE SHALL BE INSTALLED NO CLOSER THAN 2' FROM THE PROPERTY LINE UNLESS OTHERWISE SHOWN.

IL. CONTRACT: **RO023**
IL. LETTING ITEM: **20A**
IL. PROJECT: **RFD-4289**
A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE

0 1 2
THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).

**GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL**

**REPLACE PERIMETER FENCE, PHASES 1 AND 2
FENCING KEY PLAN**

© Copyright CMT, Inc.

CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

DESIGN BY: SMS
DRAWN BY: CMT
CHECKED BY: SMS
APPROVED BY: DLP
DATE: 04/19/2013
JOB No: 12258-04-00/06

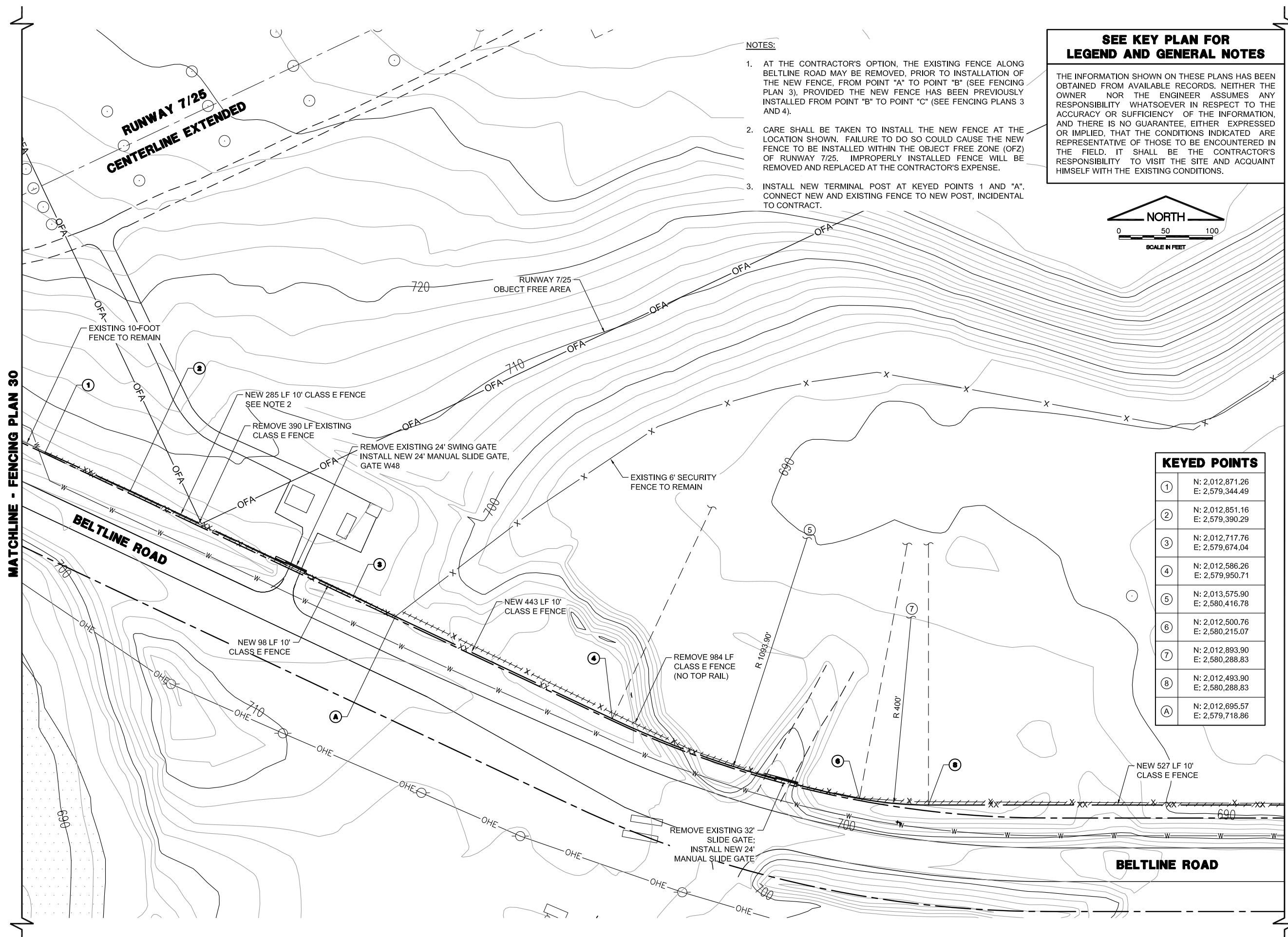
FINAL

SHEET 08 OF 49 SHEETS

KREF: DWG: 12258-04-00.dwg
 C:\P\BASE.dwg
 RFD_PROPERTY_LINE.dwg

UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 1

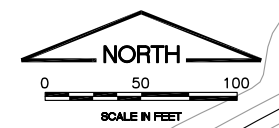
DATE: Thursday, April 25, 2013 9:30:35 AM
 FILE: K:\Rockford\12258-04-Fence-PER\Draw Sheets\FENCE PLAN 1.dwg



- NOTES:**
1. AT THE CONTRACTOR'S OPTION, THE EXISTING FENCE ALONG BELTLINE ROAD MAY BE REMOVED, PRIOR TO INSTALLATION OF THE NEW FENCE, FROM POINT "A" TO POINT "B" (SEE FENCING PLAN 3), PROVIDED THE NEW FENCE HAS BEEN PREVIOUSLY INSTALLED FROM POINT "B" TO POINT "C" (SEE FENCING PLANS 3 AND 4).
 2. CARE SHALL BE TAKEN TO INSTALL THE NEW FENCE AT THE LOCATION SHOWN. FAILURE TO DO SO COULD CAUSE THE NEW FENCE TO BE INSTALLED WITHIN THE OBJECT FREE ZONE (OFZ) OF RUNWAY 7/25. IMPROPERLY INSTALLED FENCE WILL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
 3. INSTALL NEW TERMINAL POST AT KEYED POINTS 1 AND "A". CONNECT NEW AND EXISTING FENCE TO NEW POST, INCIDENTAL TO CONTRACT.

SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

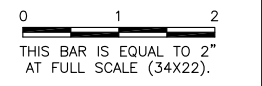


KEYED POINTS	
①	N: 2,012,871.26 E: 2,579,344.49
②	N: 2,012,851.16 E: 2,579,390.29
③	N: 2,012,717.76 E: 2,579,674.04
④	N: 2,012,586.26 E: 2,579,950.71
⑤	N: 2,013,575.90 E: 2,580,416.78
⑥	N: 2,012,500.76 E: 2,580,215.07
⑦	N: 2,012,893.90 E: 2,580,288.83
⑧	N: 2,012,493.90 E: 2,580,288.83
A	N: 2,012,695.57 E: 2,579,718.86

IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE



GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2

FENCING PLAN 1
BELTLINE ROAD

© Copyright CMT, Inc.

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

KREF: DWG: 10.dwg
 C:\BASF.dwg
 prop: fence.dwg
 RFD: PROPERTY LINE.dwg

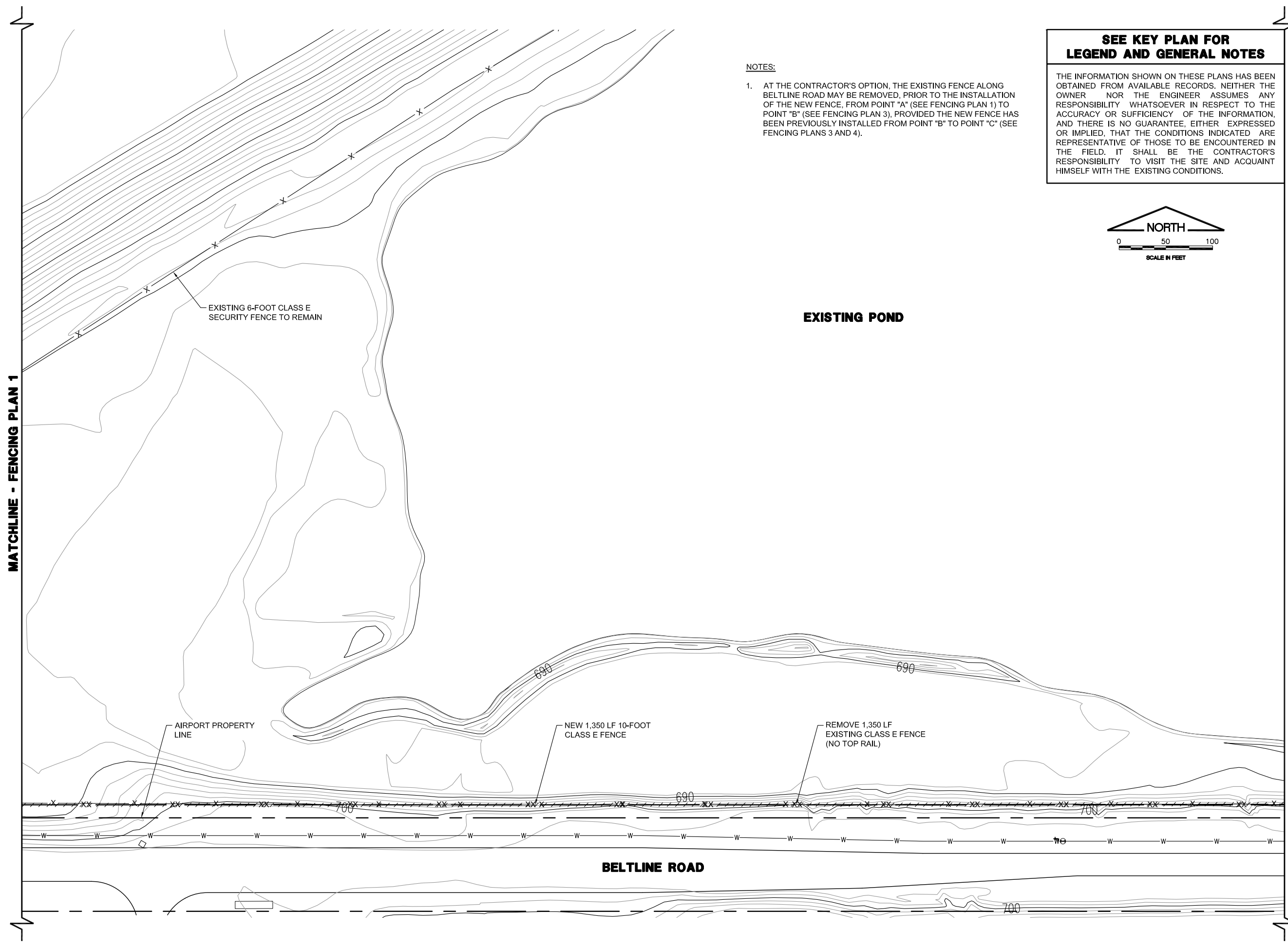
IMAGE FILE: RFD: Airport: 1000-CMKY: jg
 5d\>MKY: jg

UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 2

DATE: Thursday, April 25, 2013 9:30:59 AM
 FILE: K:\Rockford\12258-04_Fence_Plan\Draw Sheets\FENCE PLAN 2.dwg

MATCHLINE - FENCING PLAN 1

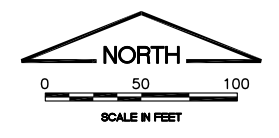
MATCHLINE - FENCING PLAN 3



- NOTES:**
1. AT THE CONTRACTOR'S OPTION, THE EXISTING FENCE ALONG BELTLINE ROAD MAY BE REMOVED, PRIOR TO THE INSTALLATION OF THE NEW FENCE, FROM POINT "A" (SEE FENCING PLAN 1) TO POINT "B" (SEE FENCING PLAN 3), PROVIDED THE NEW FENCE HAS BEEN PREVIOUSLY INSTALLED FROM POINT "B" TO POINT "C" (SEE FENCING PLANS 3 AND 4).

SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

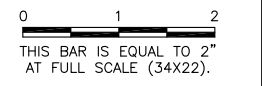
THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.



IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE



GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2
FENCING PLAN 2
BELTLINE ROAD

© Copyright CMT, Inc.
CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613



DESIGN BY: SMS
 DRAWN BY: CMT
 CHECKED BY: SMS
 APPROVED BY: DLP
 DATE: 04/19/2013
 JOB No: 12258-04-00/06

FINAL

MATCHLINE - FENCING PLAN 4

NOTES:

1. AT THE CONTRACTOR'S OPTION, THE EXISTING FENCE ALONG BELTLINE ROAD MAY BE REMOVED FROM POINT "A" (SEE FENCING PLAN 1) TO POINT "B", PROVIDED THE NEW FENCE HAS BEEN PREVIOUSLY INSTALLED FROM POINT "B" TO POINT "C" (SEE FENCING PLAN 4).
2. INSTALLATION OF THE NEW FENCE SHALL NOT IMPEDE THE OPERATION OF THE EXISTING SLIDE GATE.
3. LAYOUT FOR THE FENCE AND GATES AT THE BATCH PLANT ENTRANCE AND EXIT DRIVES SHALL BE ADJUSTED TO SUIT FIELD CONDITIONS. THE PROPOSED LAYOUT SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO GATE OR FENCE ERECTION.
4. SET NEW TERMINAL POST AND ATTACH EXISTING FENCE AND NEW FENCE TO NEW POST AT KEYED POINT "B", INCIDENTAL TO CONTRACT.
5. CLEARING AND GRUBBING LIMITS REQUIRED FOR FENCE INSTALLATION SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO COMMENCING WORK.

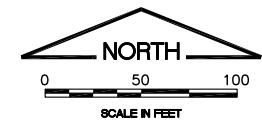
KEYED POINTS

①	N: 2,012,493.90 E: 2,582,613.81
②	N: 2,012,593.90 E: 2,582,647.97
Ⓑ	N: 2,012,529.21* E: 2,582,613.81

* - SEE NOTES 1 AND 4

SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

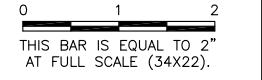


IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

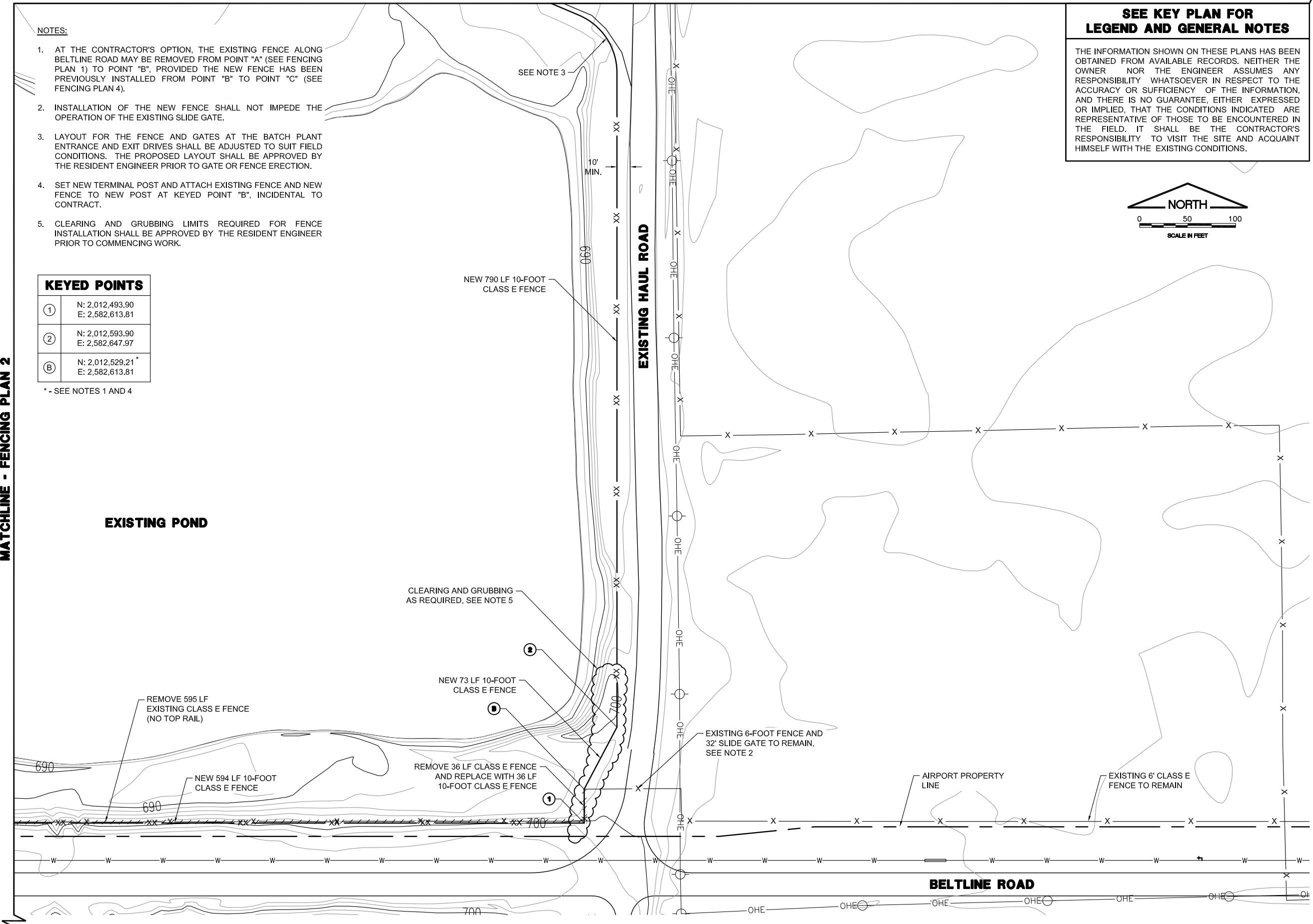
SURVEY BOOK # 12258-04-00

REVISIONS

NUMBER	BY	DATE



MATCHLINE - FENCING PLAN 2



**GREATER ROCKFORD AIRPORT AUTHORITY
 CHICAGO ROCKFORD INTERNATIONAL AIRPORT
 ROCKFORD, IL**

**REPLACE PERIMETER FENCE, PHASES 1 AND 2
 FENCING PLAN 3
 BELTLINE ROAD**

© Copyright CMT, Inc.

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

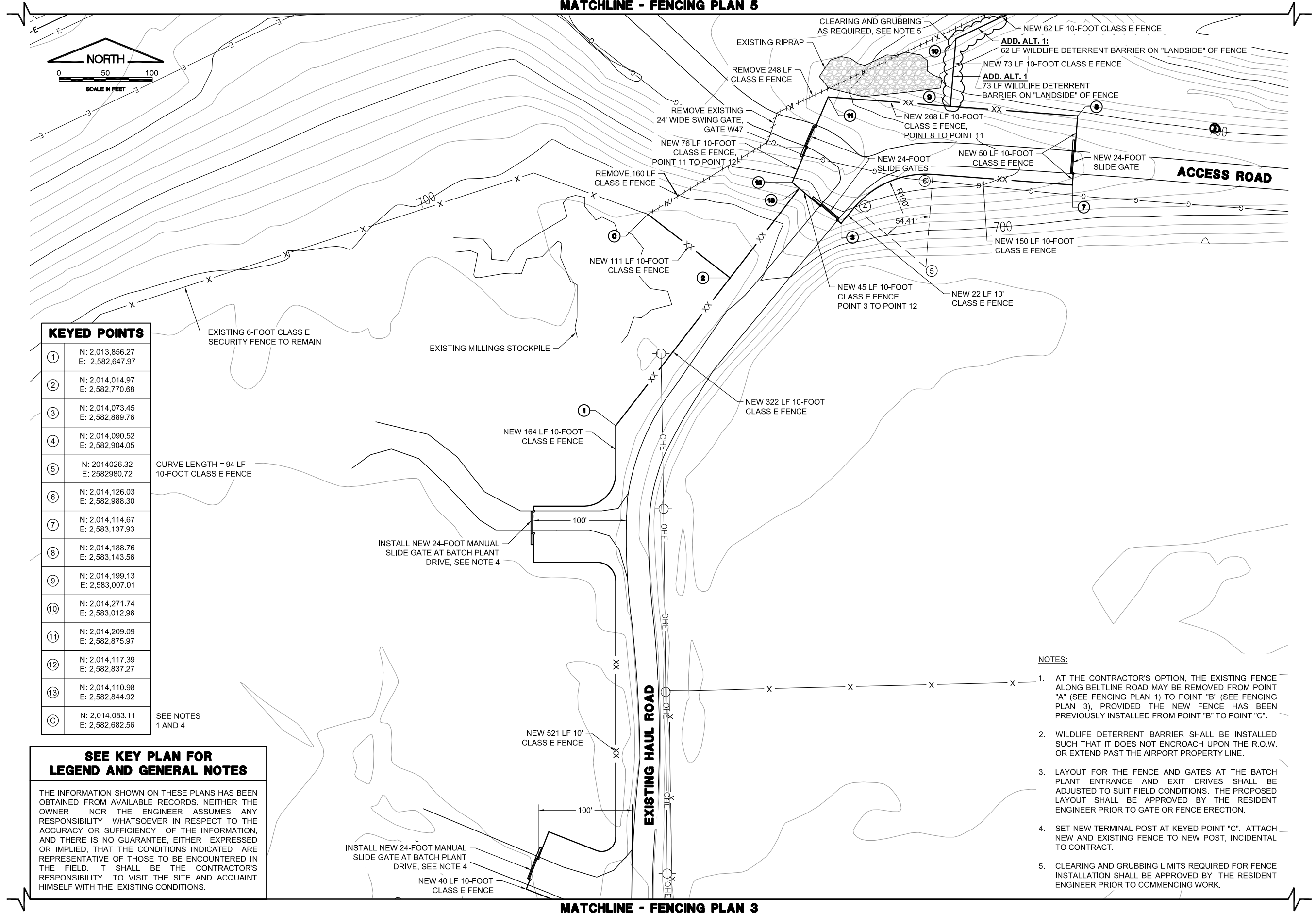
DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

DATE: Thursday, April 25, 2013 9:31:59 AM
 FILE: K:\Rockford\12258-04_Fence-Phase 1\Draw\Sheet\FENCE PLAN 4.dwg
 UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 4
 XREF DWG: 1b.dwg
 C:\BASF.dwg
 PRO: fence.dwg
 RFD_PROPERTY_LINE.dwg
 IMAGE TILLS: RFD Airport logo-CMYK.jpg
 RFD CONTRACT: RO023
 RFD LETTING ITEM: 20A
 RFD PROJECT: RFD-4289
 RFD A.I.P. PROJECT: 3-17-0088-XX
 SURVEY BOOK # 12258-04-00

MATCHLINE - FENCING PLAN 5

MATCHLINE - FENCING PLAN 3



KEYED POINTS

①	N: 2,013,856.27 E: 2,582,647.97
②	N: 2,014,014.97 E: 2,582,770.68
③	N: 2,014,073.45 E: 2,582,889.76
④	N: 2,014,090.52 E: 2,582,904.05
⑤	N: 2014026.32 E: 2582980.72
⑥	N: 2,014,126.03 E: 2,582,988.30
⑦	N: 2,014,114.67 E: 2,583,137.93
⑧	N: 2,014,188.76 E: 2,583,143.56
⑨	N: 2,014,199.13 E: 2,583,007.01
⑩	N: 2,014,271.74 E: 2,583,012.96
⑪	N: 2,014,209.09 E: 2,582,875.97
⑫	N: 2,014,117.39 E: 2,582,837.27
⑬	N: 2,014,110.98 E: 2,582,844.92
①	N: 2,014,083.11 E: 2,582,682.56
①	SEE NOTES 1 AND 4

SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

NOTES:

1. AT THE CONTRACTOR'S OPTION, THE EXISTING FENCE ALONG BELTLINE ROAD MAY BE REMOVED FROM POINT "A" (SEE FENCING PLAN 1) TO POINT "B" (SEE FENCING PLAN 3), PROVIDED THE NEW FENCE HAS BEEN PREVIOUSLY INSTALLED FROM POINT "B" TO POINT "C".
2. WILDLIFE DETERRENT BARRIER SHALL BE INSTALLED SUCH THAT IT DOES NOT ENCROACH UPON THE R.O.W. OR EXTEND PAST THE AIRPORT PROPERTY LINE.
3. LAYOUT FOR THE FENCE AND GATES AT THE BATCH PLANT ENTRANCE AND EXIT DRIVES SHALL BE ADJUSTED TO SUIT FIELD CONDITIONS. THE PROPOSED LAYOUT SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO GATE OR FENCE ERECTION.
4. SET NEW TERMINAL POST AT KEYED POINT "C". ATTACH NEW AND EXISTING FENCE TO NEW POST, INCIDENTAL TO CONTRACT.
5. CLEARING AND GRUBBING LIMITS REQUIRED FOR FENCE INSTALLATION SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO COMMENCING WORK.

IL. CONTRACT: **RO023**
 IL. LETTING ITEM: **20A**
 IL. PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE

0 1 2
 THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).

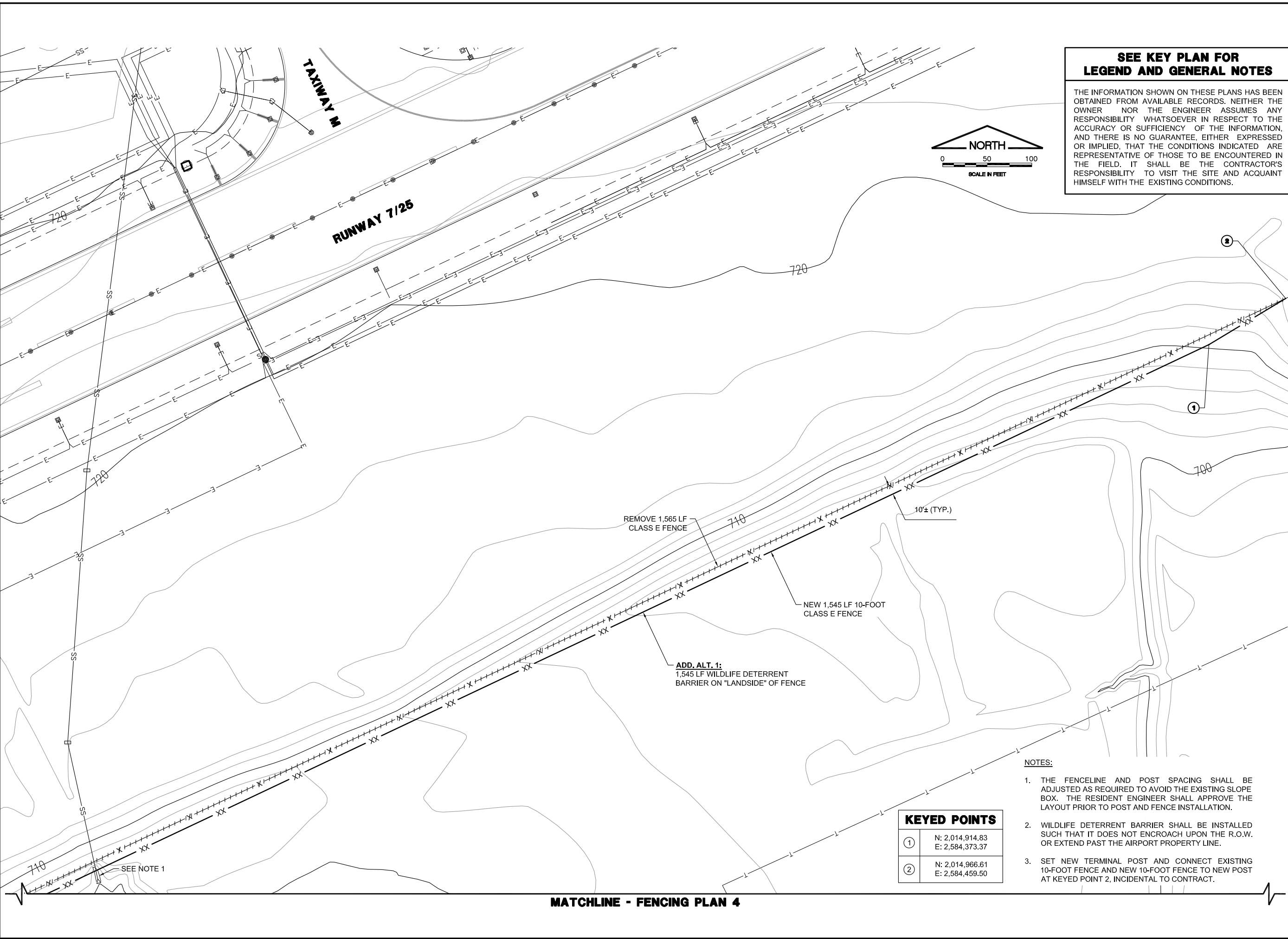
GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL
REPLACE PERIMETER FENCE, PHASES 1 AND 2
FENCING PLAN 4
BELTLINE ROAD

© Copyright CMT, Inc.

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

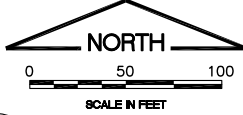
DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

DATE: Thursday, April 25, 2013 9:32:24 AM
 FILE: K:\Rockford\12258-04_Fence-Phase 1\Draw Sheets\FENCE PLAN 5.dwg
 UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 5
 XREF DWG: 1b.dwg
 C:\BASF.dwg
 prop_fence.dwg
 RFD_PROPERTY_LINE.dwg
 IMAGE FILES: RFD_Airport_Logo-CMYK.jpg



**SEE KEY PLAN FOR
LEGEND AND GENERAL NOTES**

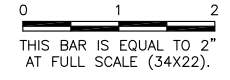
THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.



I.L. CONTRACT: **RO023**
 I.L. LETTING ITEM: **20A**
 I.L. PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE



GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2
FENCING PLAN 5

© Copyright CMT, Inc.

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

KEYED POINTS	
①	N: 2,014,914.83 E: 2,584,373.37
②	N: 2,014,966.61 E: 2,584,459.50

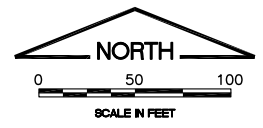
- NOTES:**
- THE FENCELINE AND POST SPACING SHALL BE ADJUSTED AS REQUIRED TO AVOID THE EXISTING SLOPE BOX. THE RESIDENT ENGINEER SHALL APPROVE THE LAYOUT PRIOR TO POST AND FENCE INSTALLATION.
 - WILDLIFE DETERRENT BARRIER SHALL BE INSTALLED SUCH THAT IT DOES NOT ENCROACH UPON THE R.O.W. OR EXTEND PAST THE AIRPORT PROPERTY LINE.
 - SET NEW TERMINAL POST AND CONNECT EXISTING 10-FOOT FENCE AND NEW 10-FOOT FENCE TO NEW POST AT KEYED POINT 2, INCIDENTAL TO CONTRACT.

DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

DATE: Thursday, April 25, 2013 9:32:51 AM
 FILE: K:\Rockford\12258-04_Fence-PR2\Draw Sheets\FENCE PLAN 6.dwg
 UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 6
 XREF DWG: 1b.dwg
 C:\BASF.dwg
 prop_fence.dwg
 RFD_PROPERTY_LINE.dwg
 IMAGE FILES: RFD_Airport_logo-CMKX.jpg
 6d1>MKX.jpg

- NOTES:**
- CLEARING AND GRUBBING LIMITS REQUIRED FOR FENCE INSTALLATION SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO COMMENCING WORK.
 - THE NEW FENCE SHALL BE INSTALLED AT THE SAME LOCATION AS THE EXISTING FENCE. THE EXISTING FENCE IS NOT REQUIRED TO BE IN PLACE DURING INSTALLATION OF THE NEW FENCE PROVIDED THE ACCESS GATE TO OLD CESSNA DRIVE IS CLOSED OR GUARDED.
 - INSTALL NEW TERMINAL POST AND CONNECT EXISTING AND NEW FENCE TO NEW POST AT KEYED POINT 1, INCIDENTAL TO CONTRACT.
 - CONNECT NEW FENCE TO EXISTING GATE POST AT KEYED POINT 6, INCIDENTAL TO CONTRACT.



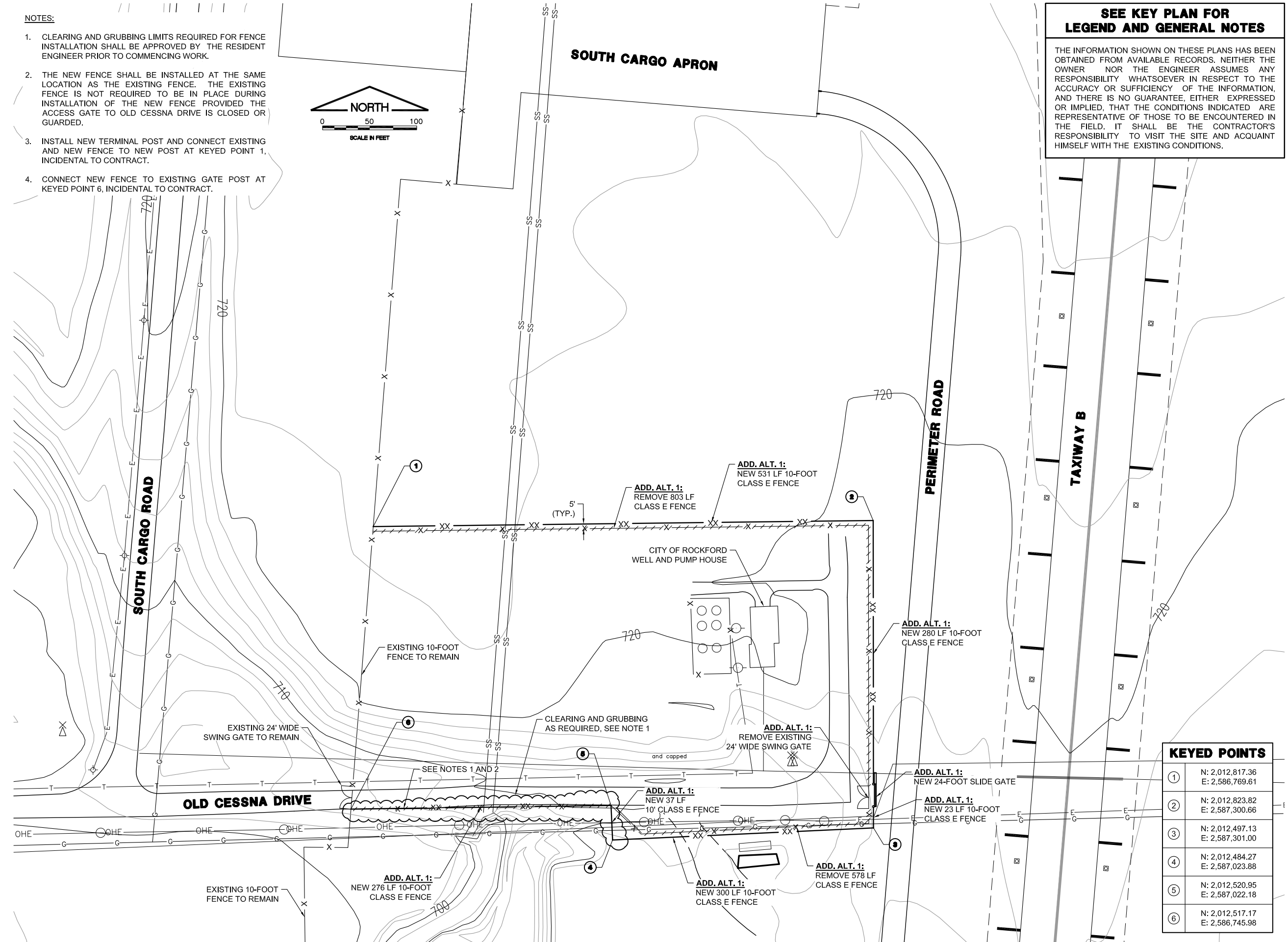
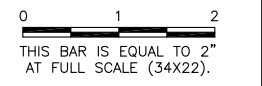
**SEE KEY PLAN FOR
LEGEND AND GENERAL NOTES**

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

I.L. CONTRACT: **RO023**
 I.L. LETTING ITEM: **20A**
 I.L. PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE



KEYED POINTS

①	N: 2,012,817.36 E: 2,586,769.61
②	N: 2,012,823.82 E: 2,587,300.66
③	N: 2,012,497.13 E: 2,587,301.00
④	N: 2,012,484.27 E: 2,587,023.88
⑤	N: 2,012,520.95 E: 2,587,022.18
⑥	N: 2,012,517.17 E: 2,586,745.98

GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2
FENCING PLAN 6
CITY OF ROCKFORD WELL AND PUMPHOUSE

© Copyright CMT, Inc.
CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

DESIGN BY: SMS
 DRAWN BY: CMT
 CHECKED BY: SMS
 APPROVED BY: DLP
 DATE: 04/19/2013
 JOB No: 12258-04-00/06

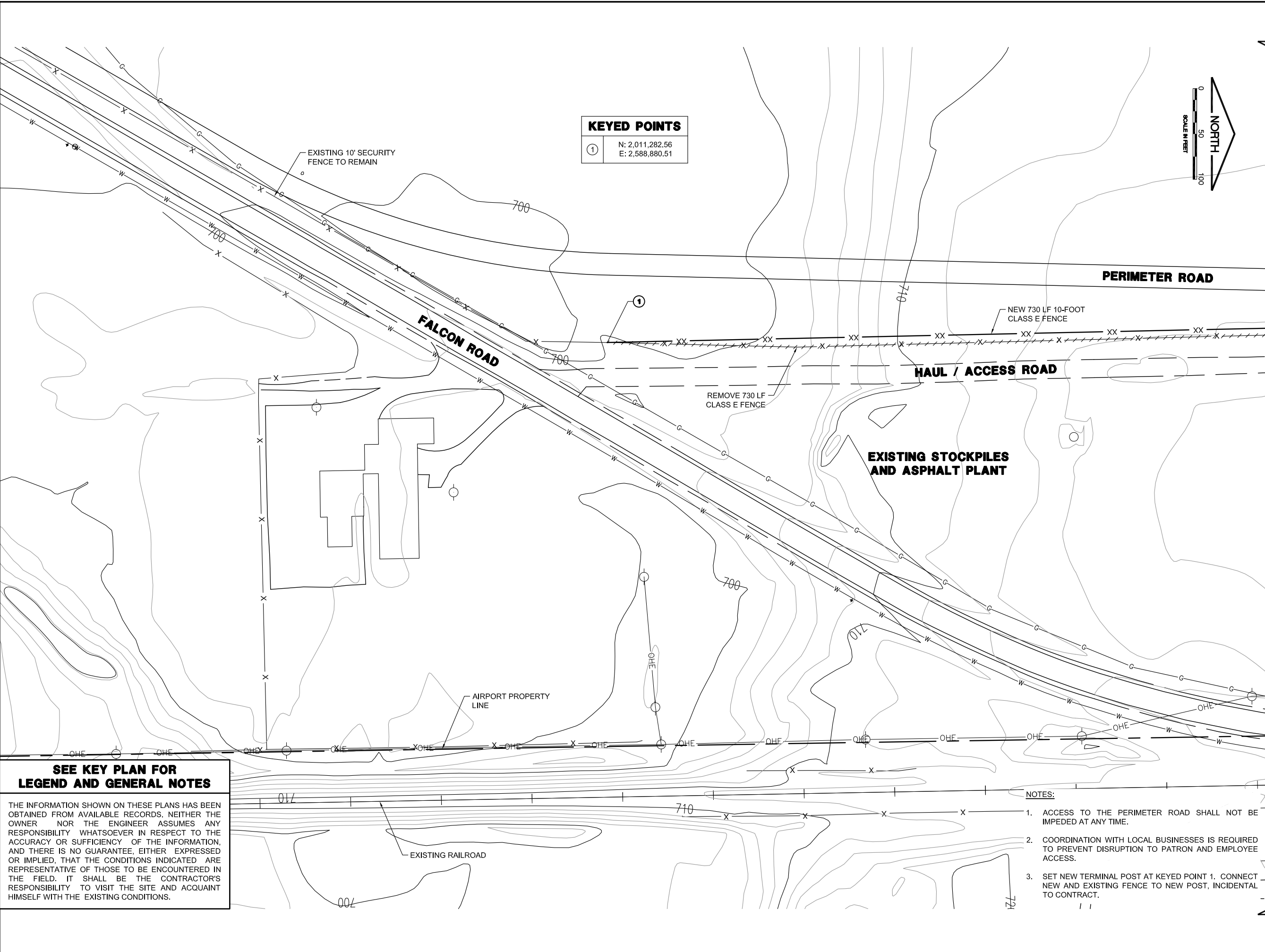
FINAL

KREF DWG: 1b.dwg
 GIS: RASCF.dwg
 prop: fence.dwg
 RFD: PROPERTY LINE.dwg

IMAGE FILES: RFD Airport logo-CMYK.jpg

UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 7

DATE: Thursday, April 25, 2013 9:33:51 AM
 FILE: K:\Rockford\12258-04_Fence_Plan\Sheet\FENCE PLAN 7.dwg



KEYED POINTS	
①	N: 2,011,282.56 E: 2,588,880.51



IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE

0 1 2
 THIS BAR IS EQUAL TO 2"
 AT FULL SCALE (34X22).

GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2

FENCING PLAN 7
FALCON ROAD

**SEE KEY PLAN FOR
 LEGEND AND GENERAL NOTES**

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

NOTES:

1. ACCESS TO THE PERIMETER ROAD SHALL NOT BE IMPEDED AT ANY TIME.
2. COORDINATION WITH LOCAL BUSINESSES IS REQUIRED TO PREVENT DISRUPTION TO PATRON AND EMPLOYEE ACCESS.
3. SET NEW TERMINAL POST AT KEYED POINT 1. CONNECT NEW AND EXISTING FENCE TO NEW POST, INCIDENTAL TO CONTRACT.

© Copyright CMT, Inc.

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

KREF.DWG: 13.dwg
 C:\BASF.dwg
 prop_fence.dwg
 RFD_PROPERTY_LINE.dwg

IMAGE FILES: RFD_Airport_logo-CMKX.jpg

UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 8

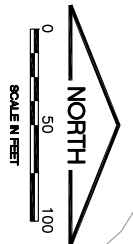
DATE: Thursday, April 25, 2013 9:34:19 AM
 FILE: K:\Rockford\12258-04_Fence_P8\Draw Sheets\FENCE PLAN 8.dwg

MATCHLINE - FENCING PLAN 7

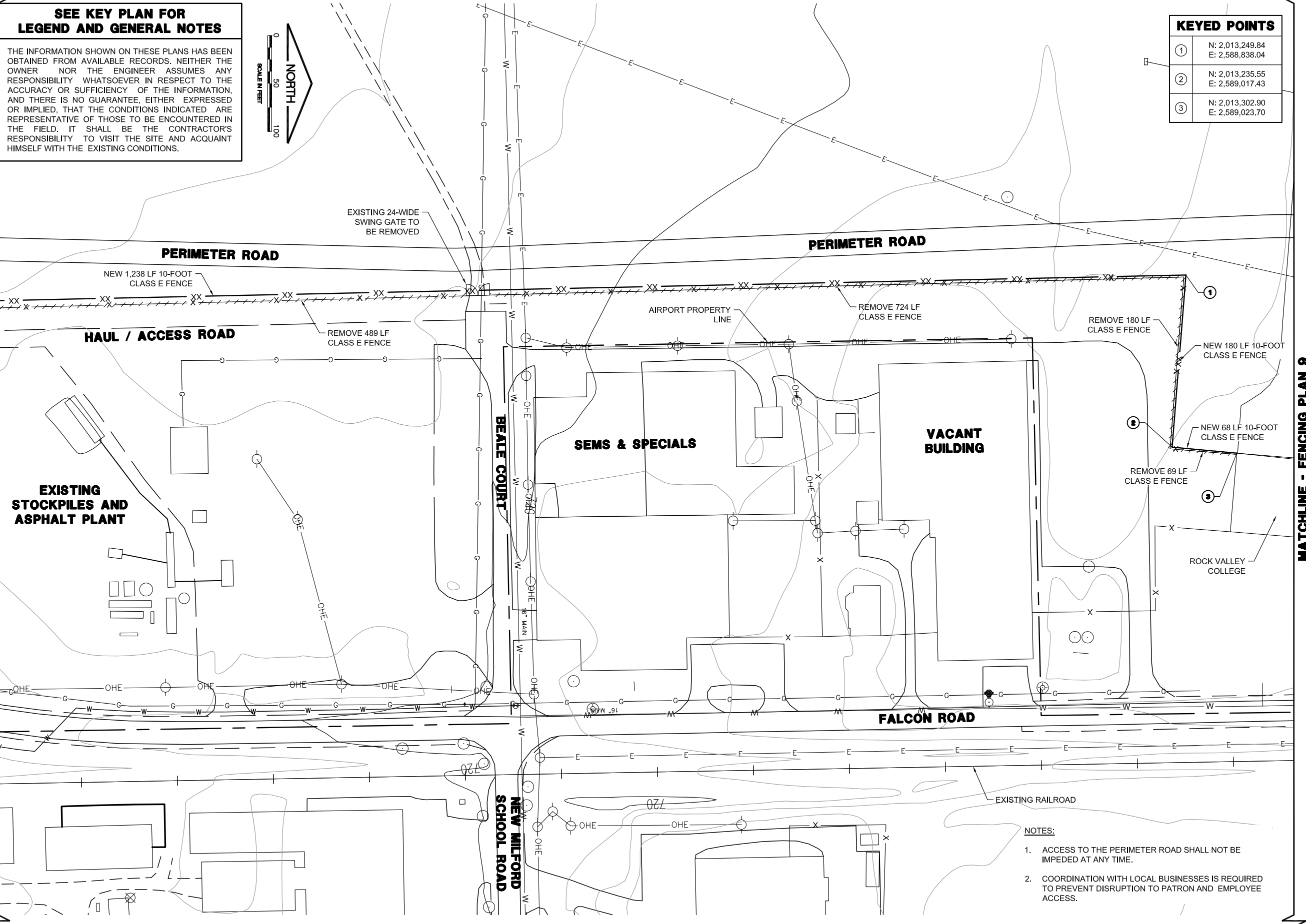
MATCHLINE - FENCING PLAN 9

SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.



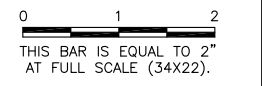
KEYED POINTS	
①	N: 2,013,249.84 E: 2,588,838.04
②	N: 2,013,235.55 E: 2,589,017.43
③	N: 2,013,302.90 E: 2,589,023.70



IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE



GREATER ROCKFORD AIRPORT AUTHORITY
 CHICAGO ROCKFORD INTERNATIONAL AIRPORT
 ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2
 FENCING PLAN 8
 FALCON ROAD

© Copyright CMT, Inc.
CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613



DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

- NOTES:**
- ACCESS TO THE PERIMETER ROAD SHALL NOT BE IMPEDED AT ANY TIME.
 - COORDINATION WITH LOCAL BUSINESSES IS REQUIRED TO PREVENT DISRUPTION TO PATRON AND EMPLOYEE ACCESS.

KREF.DWG: 1b.dwg
 C:\BAC\dwg
 proo_fence.dwg
 RFD_PROPERTY_LINE.dwg

IMAGE FILES: RFD_Airport_logo-CMKY.jpg

UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 9

DATE: Thursday, April 25, 2013 9:34:45 AM
 FILE: K:\Rockford\12258-04_Fence-PR2\Draw Sheets\FENCE PLAN 9.dwg

MATCHLINE - FENCING PLAN 8

MATCHLINE - FENCING PLAN 10

- NOTES:**
- ACCESS TO THE PERIMETER ROAD SHALL NOT BE IMPEDED AT ANY TIME.
 - COORDINATION WITH LOCAL BUSINESSES IS REQUIRED TO PREVENT DISRUPTION TO PATRON AND EMPLOYEE ACCESS.
 - WILDLIFE DETERRENT BARRIER SHALL BE INSTALLED SUCH THAT IT DOES NOT ENCROACH UPON THE R.O.W. OR EXTEND PAST THE AIRPORT PROPERTY LINE.

SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

KEYED POINTS

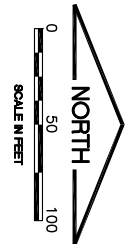
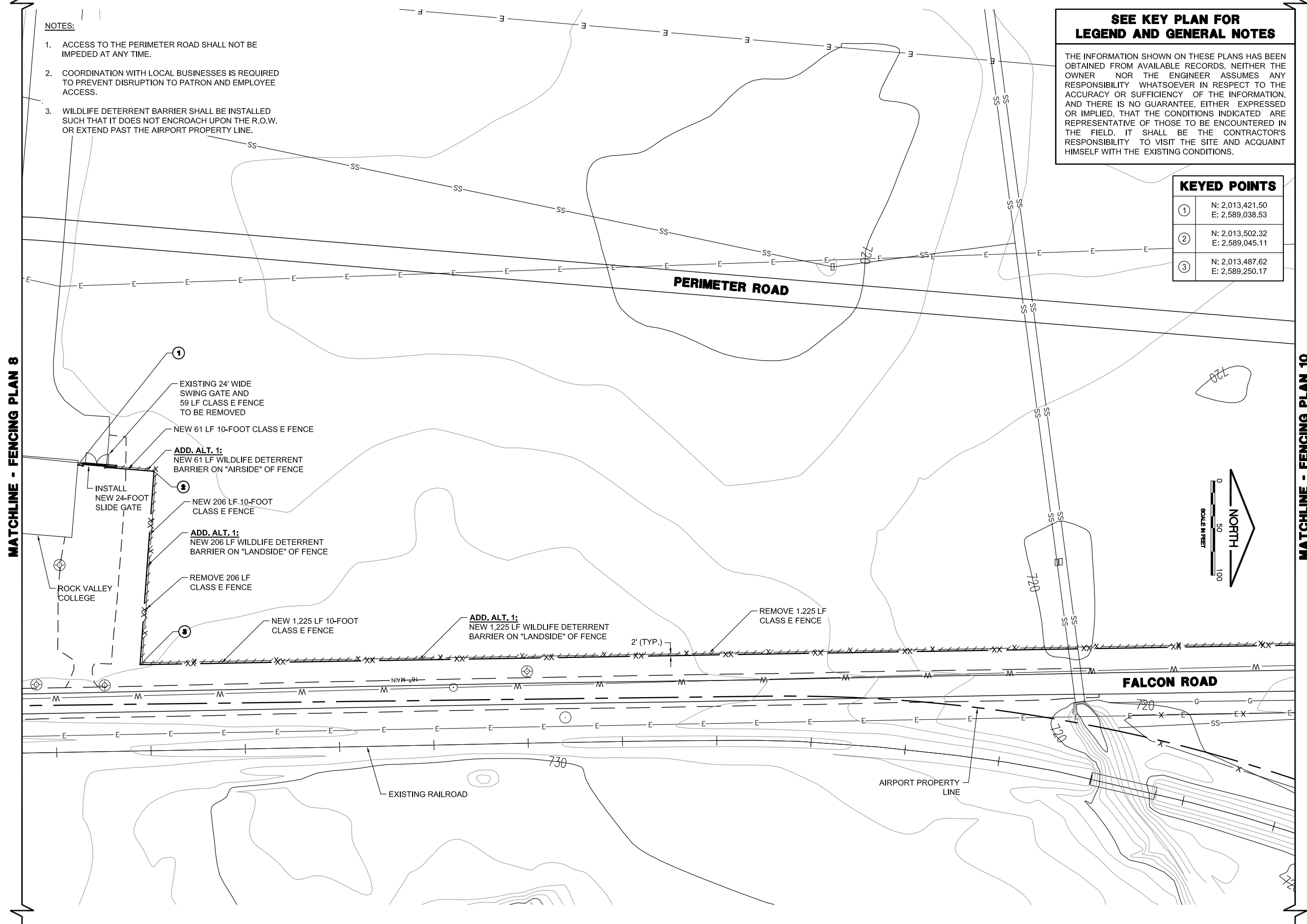
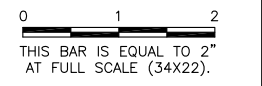
①	N: 2,013,421.50 E: 2,589,038.53
②	N: 2,013,502.32 E: 2,589,045.11
③	N: 2,013,487.62 E: 2,589,250.17

IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS

NUMBER	BY	DATE



**GREATER ROCKFORD AIRPORT AUTHORITY
 CHICAGO ROCKFORD INTERNATIONAL AIRPORT
 ROCKFORD, IL**

**REPLACE PERIMETER FENCE, PHASES 1 AND 2
 FENCING PLAN 9
 FALCON ROAD**

© Copyright CMT, Inc.

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

KREF: DWG: 10.dwg
 C:\BASF\proj\proj\BASF.dwg
 RFD_PROPERTY_LINE.dwg

IMAGE FILES: RFD_Airport_logo-CMKX.jpg

UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 10

DATE: Thursday, April 25, 2013 9:36:15 AM
 FILE: K:\Rockford\12258-04_Fence_Plan\Draw Sheets\FENCE PLAN 10.dwg

MATCHLINE - FENCING PLAN 9

MATCHLINE - FENCING PLAN 11

- NOTES:**
1. ACCESS TO THE PERIMETER ROAD SHALL NOT BE IMPEDED AT ANY TIME.
 2. COORDINATION WITH LOCAL BUSINESSES IS REQUIRED TO PREVENT DISRUPTION TO PATRON AND EMPLOYEE ACCESS.
 3. WILDLIFE DETERRENT BARRIER SHALL BE INSTALLED SUCH THAT IT DOES NOT ENCR OACH UPON THE R.O.W. OR EXTEND PAST THE AIRPORT PROPERTY LINE.

SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

KEYED POINTS

①	N: 2,015,210.55 E: 2,589,221.16
②	N: 2,015,207.69 E: 2,589,055.90
③	N: 2,015,621.06 E: 2,589,049.44
④	N: 2,015,647.50 E: 2,589,116.29
⑤	N: 2,015,649.32 E: 2,589,191.75
⑥	N: 2,015,666.73 E: 2,589,210.03
⑦	N: 2,015,819.20 E: 2,589,239.67
⑧	N: 2,015,825.39 E: 2,589,208.39

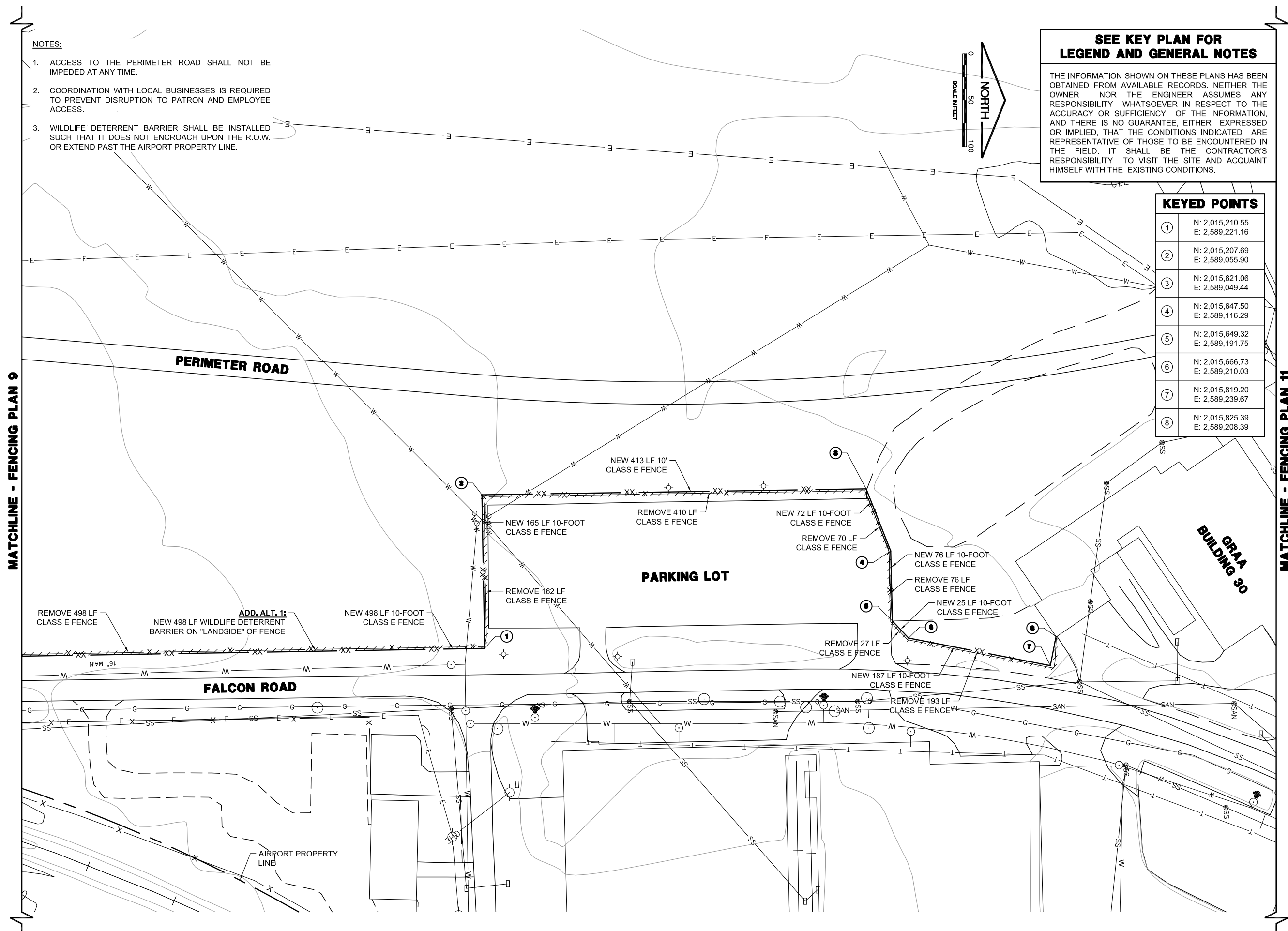
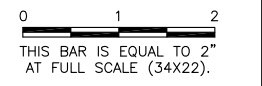


IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS

NUMBER	BY	DATE



**GREATER ROCKFORD AIRPORT AUTHORITY
 CHICAGO ROCKFORD INTERNATIONAL AIRPORT
 ROCKFORD, IL**

**REPLACE PERIMETER FENCE, PHASES 1 AND 2
 FENCING PLAN 10
 FALCON ROAD**

© Copyright CMT, Inc.



DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

KREF-DWG: 10.dwg
 Plot: 10.dwg
 Key: 10.dwg
 RFD_Base.dwg
 RFD_Contours.dwg

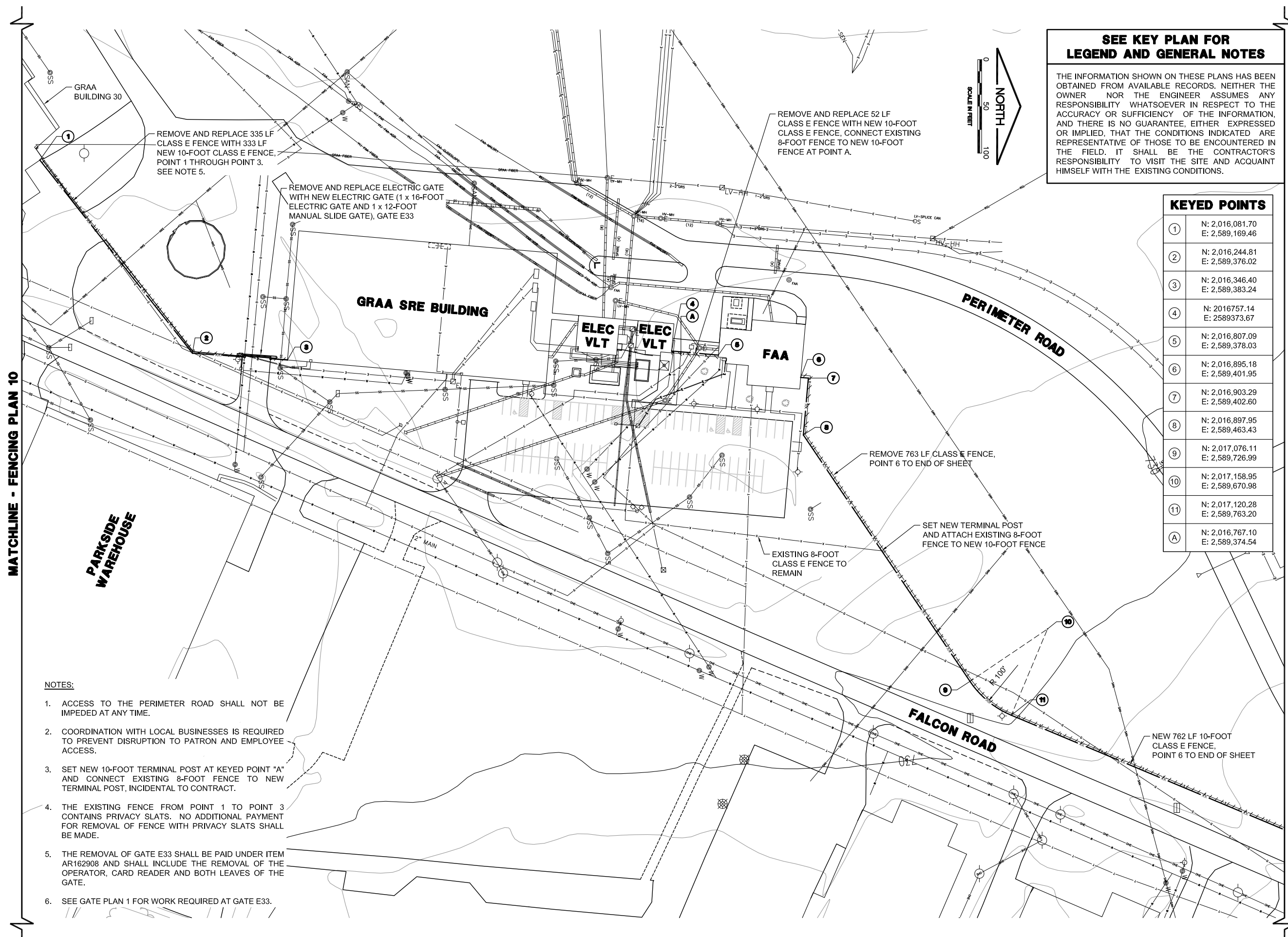
IMAGE FILES: RFD_Airport_logo-CMYK.jpg

UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 11

DATE: Thursday, April 25, 2013 9:36:49 AM
 FILE: K:\Rockford\12258-04_Fence-PR2\Draw Sheets\FENCE PLAN 11.dwg

MATCHLINE - FENCING PLAN 10

MATCHLINE - FENCING PLAN 12



SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

KEYED POINTS	
①	N: 2,016,081.70 E: 2,589,169.46
②	N: 2,016,244.81 E: 2,589,376.02
③	N: 2,016,346.40 E: 2,589,383.24
④	N: 2016757.14 E: 2589373.67
⑤	N: 2,016,807.09 E: 2,589,378.03
⑥	N: 2,016,895.18 E: 2,589,401.95
⑦	N: 2,016,903.29 E: 2,589,402.60
⑧	N: 2,016,897.95 E: 2,589,463.43
⑨	N: 2,017,076.11 E: 2,589,726.99
⑩	N: 2,017,158.95 E: 2,589,670.98
⑪	N: 2,017,120.28 E: 2,589,763.20
A	N: 2,016,767.10 E: 2,589,374.54

- NOTES:**
- ACCESS TO THE PERIMETER ROAD SHALL NOT BE IMPEDED AT ANY TIME.
 - COORDINATION WITH LOCAL BUSINESSES IS REQUIRED TO PREVENT DISRUPTION TO PATRON AND EMPLOYEE ACCESS.
 - SET NEW 10-FOOT TERMINAL POST AT KEYED POINT "A" AND CONNECT EXISTING 8-FOOT FENCE TO NEW TERMINAL POST, INCIDENTAL TO CONTRACT.
 - THE EXISTING FENCE FROM POINT 1 TO POINT 3 CONTAINS PRIVACY SLATS. NO ADDITIONAL PAYMENT FOR REMOVAL OF FENCE WITH PRIVACY SLATS SHALL BE MADE.
 - THE REMOVAL OF GATE E33 SHALL BE PAID UNDER ITEM AR162908 AND SHALL INCLUDE THE REMOVAL OF THE OPERATOR, CARD READER AND BOTH LEAVES OF THE GATE.
 - SEE GATE PLAN 1 FOR WORK REQUIRED AT GATE E33.

IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE

0 1 2
 THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).

**GREATER ROCKFORD AIRPORT AUTHORITY
 CHICAGO ROCKFORD INTERNATIONAL AIRPORT
 ROCKFORD, IL**

**REPLACE PERIMETER FENCE, PHASES 1 AND 2
 FENCING PLAN 11
 FALCON ROAD**

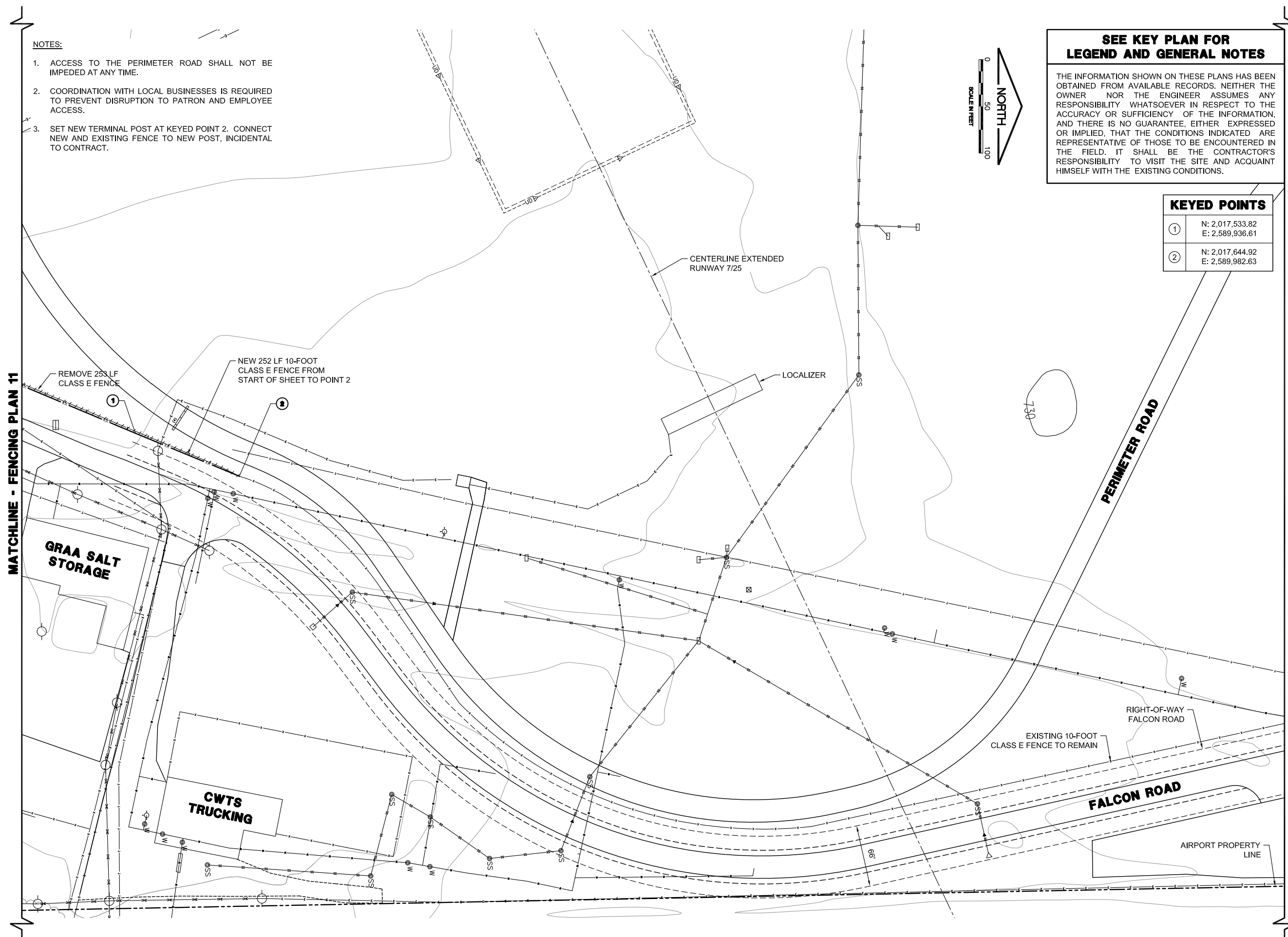
© Copyright CMT, Inc.

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

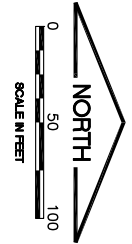
SHEET 19 OF 49 SHEETS



- NOTES:**
1. ACCESS TO THE PERIMETER ROAD SHALL NOT BE IMPEDED AT ANY TIME.
 2. COORDINATION WITH LOCAL BUSINESSES IS REQUIRED TO PREVENT DISRUPTION TO PATRON AND EMPLOYEE ACCESS.
 3. SET NEW TERMINAL POST AT KEYED POINT 2. CONNECT NEW AND EXISTING FENCE TO NEW POST, INCIDENTAL TO CONTRACT.

**SEE KEY PLAN FOR
LEGEND AND GENERAL NOTES**

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.



KEYED POINTS

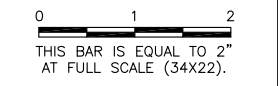
①	N: 2,017,533.82 E: 2,589,936.61
②	N: 2,017,644.92 E: 2,589,982.63

IL. CONTRACT: **RO023**
 IL. LETTING ITEM: **20A**
 IL. PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS

NUMBER	BY	DATE



**GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL**

**REPLACE PERIMETER FENCE, PHASES 1 AND 2
FENCING PLAN 12
FALCON ROAD**

© Copyright CMT, Inc.

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

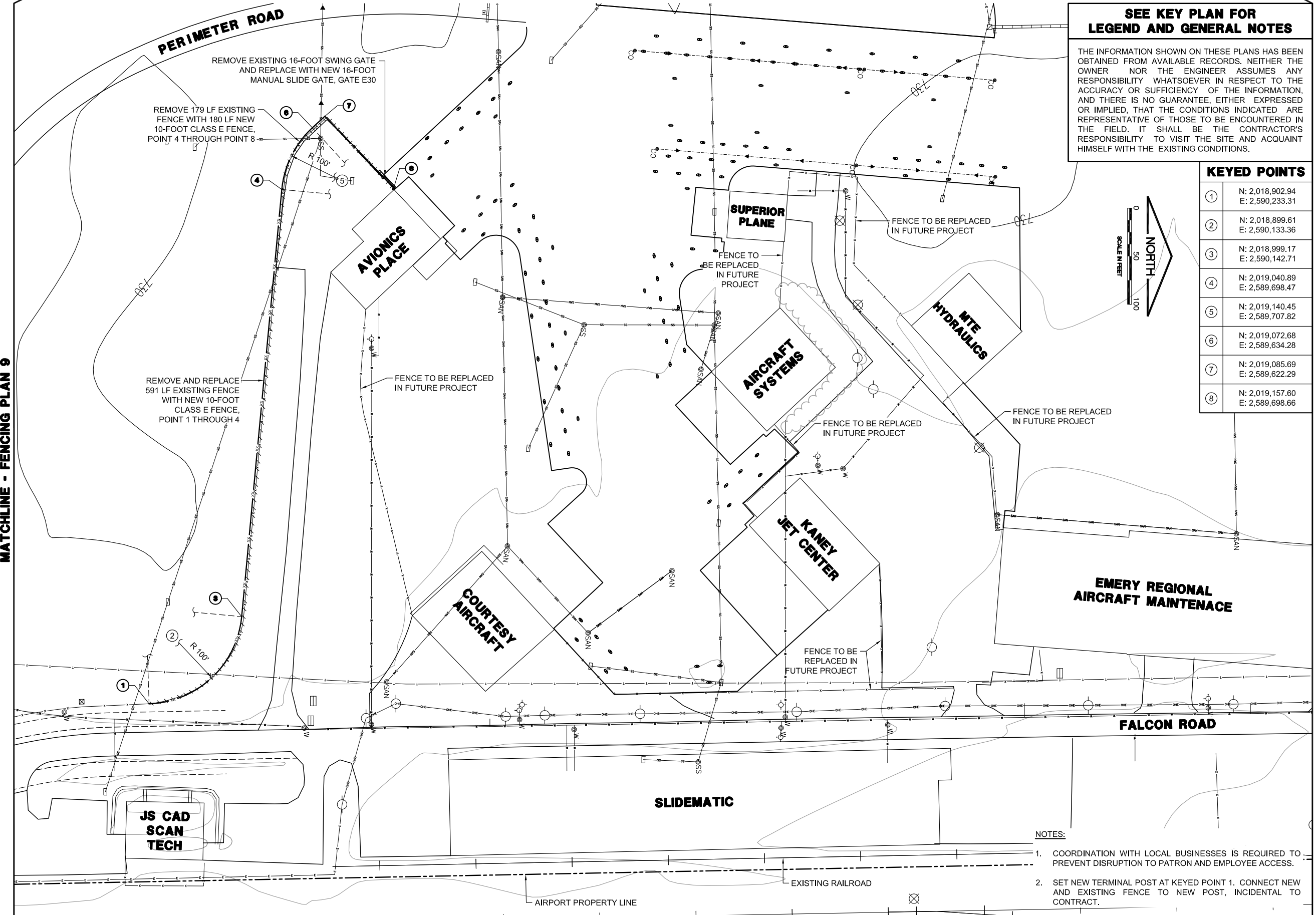
DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

DATE: Thursday, April 25, 2013 9:41:32 AM
 FILE: K:\Rockford\12258-04_Fence-Phase 13\Draw Sheets\FENCE PLAN 13.dwg
 UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 13
 XREF DWG: 13.dwg
 RFD_Base.dwg
 prop_fence.dwg
 key_plan.dwg
 RFD_Contours.dwg
 IMAGE FILES: RFD_Airport_logo-CMKX.jpg

MATCHLINE - FENCING PLAN 9

MATCHLINE - FENCING PLAN 11

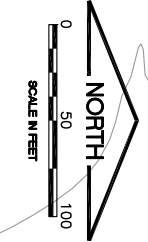


SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

KEYED POINTS

①	N: 2,018,902.94 E: 2,590,233.31
②	N: 2,018,899.61 E: 2,590,133.36
③	N: 2,018,999.17 E: 2,590,142.71
④	N: 2,019,040.89 E: 2,589,698.47
⑤	N: 2,019,140.45 E: 2,589,707.82
⑥	N: 2,019,072.68 E: 2,589,634.28
⑦	N: 2,019,085.69 E: 2,589,622.29
⑧	N: 2,019,157.60 E: 2,589,698.66



IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS

NUMBER	BY	DATE

GREATER ROCKFORD AIRPORT AUTHORITY
 CHICAGO ROCKFORD INTERNATIONAL AIRPORT
 ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2

FENCING PLAN 13
 FALCON ROAD

© Copyright CMT, Inc.

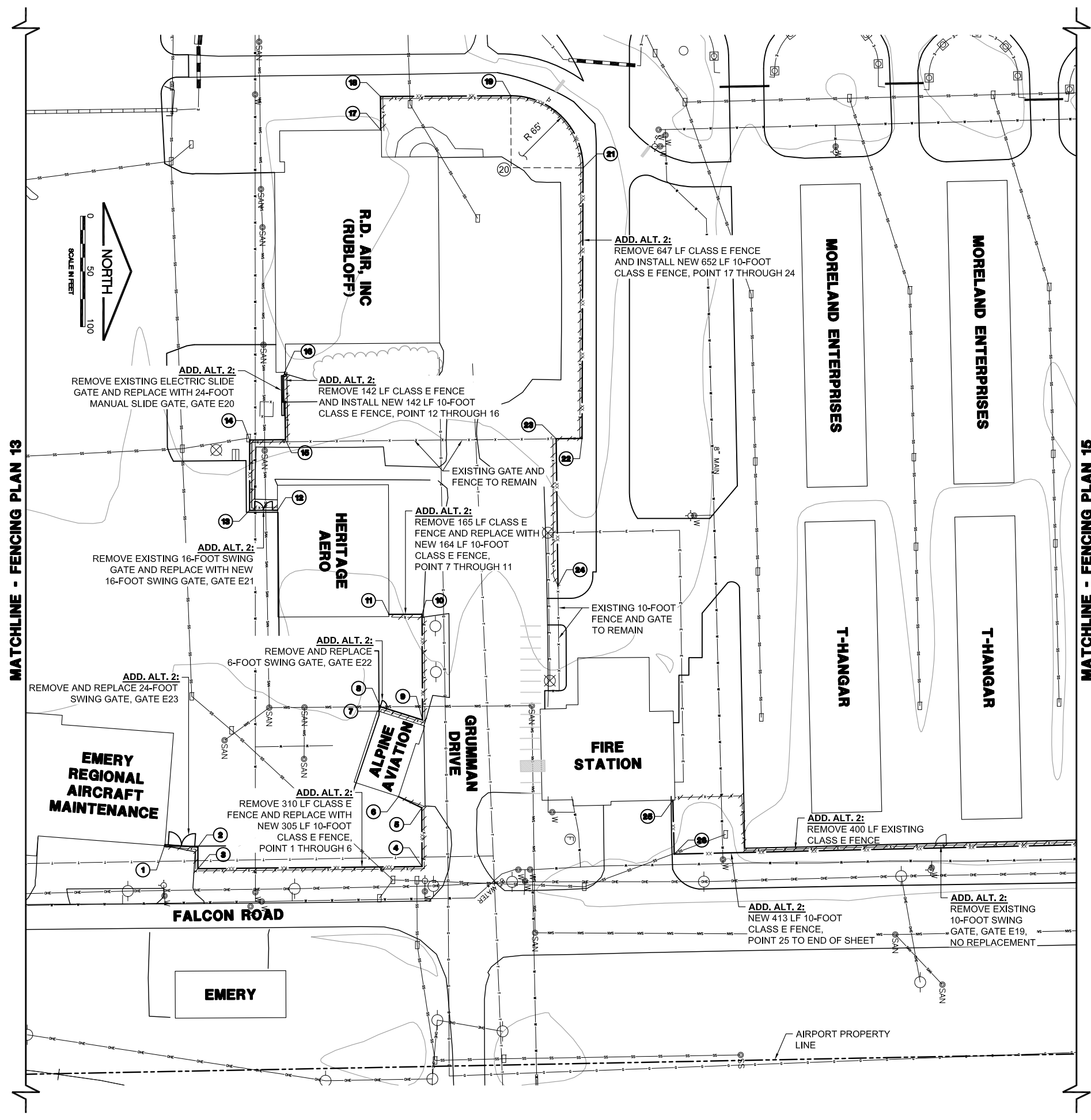
CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

SHEET 21 OF 49 SHEETS

DATE: Thursday, April 25, 2013 9:43:26 AM
 FILE: K:\Rockford\12258-04_Fence-Phase 1\Draw Sheets\FENCE PLAN 14.dwg
 UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 14
 XREF DWG: 14.dwg
 RFD_Base.dwg
 prop_fence.dwg
 RFD_Contours.dwg
 IMAGE FILES: RFD_Airport_Logo-CMKX.jpg
 K:\Rockford\12258-04_Fence-Phase 1\Draw Sheets\FENCE PLAN 14.dwg



KEYED POINTS			
①	N: 2,020,238.27 E: 2,590,187.31	⑭	N: 2,020,314.83 E: 2,589,821.30
②	N: 2,020,267.96 E: 2,590,189.46	⑮	N: 2,020,347.18 E: 2,589,820.94
③	N: 2,020,268.03 E: 2,590,208.99	⑯	N: 2,020,346.42 E: 2,589,760.04
④	N: 2,020,470.61 E: 2,590,207.08	⑰	N: 2,020,433.28 E: 2,589,540.90
⑤	N: 2,020,470.41 E: 2,590,153.91	⑱	N: 2,020,433.05 E: 2,589,510.58
⑥	N: 2,020,449.40 E: 2,590,143.80	⑲	N: 2,020,550.83 E: 2,589,509.88
⑦	N: 2,020,431.59 E: 2,590,066.55	⑳	N: 2,020,551.22 E: 2,589,574.88
⑧	N: 2,020,432.87 E: 2,590,062.48	㉑	N: 2,020,616.22 E: 2,589,575.13
⑨	N: 2,020,471.10 E: 2,590,074.47	㉒	N: 2,020,615.27 E: 2,589,819.82
⑩	N: 2,020,470.63 E: 2,589,978.88	㉓	N: 2,020,591.89 E: 2,589,820.15
⑪	N: 2,020,440.69 E: 2,589,979.00	㉔	N: 2,020,593.53 E: 2,589,953.27
⑫	N: 2,020,339.99 E: 2,589,884.77	㉕	N: 2,020,697.47 E: 2,590,147.03
⑬	N: 2,020,314.73 E: 2,589,884.85	㉖	N: 2,020,698.60 E: 2,590,195.80

NOTES:

- ACCESS TO THE FIRE STATION SHALL NOT BE IMPEDED AT ANY TIME.
- COORDINATION WITH LOCAL BUSINESSES IS REQUIRED TO PREVENT DISRUPTION TO PATRON AND EMPLOYEE ACCESS.
- SET NEW TERMINAL POST AT KEYED POINT 24. CONNECT NEW AND EXISTING FENCE TO NEW POST, INCIDENTAL TO CONTRACT.
- CARE SHALL BE TAKEN NOT TO DAMAGE THE EXISTING LANDSCAPING AND STORM DRAINAGE STRUCTURE ADJACENT TO KEYED POINT 14.

**SEE KEY PLAN FOR
LEGEND AND GENERAL NOTES**

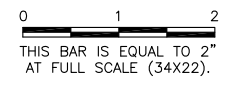
THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

I.L. CONTRACT: **RO023**
 I.L. LETTING ITEM: **20A**
 I.L. PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS

NUMBER	BY	DATE



GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2
FENCING PLAN 14
FALCON ROAD

© Copyright, CMT, Inc.

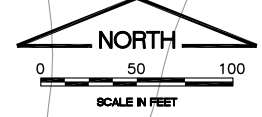
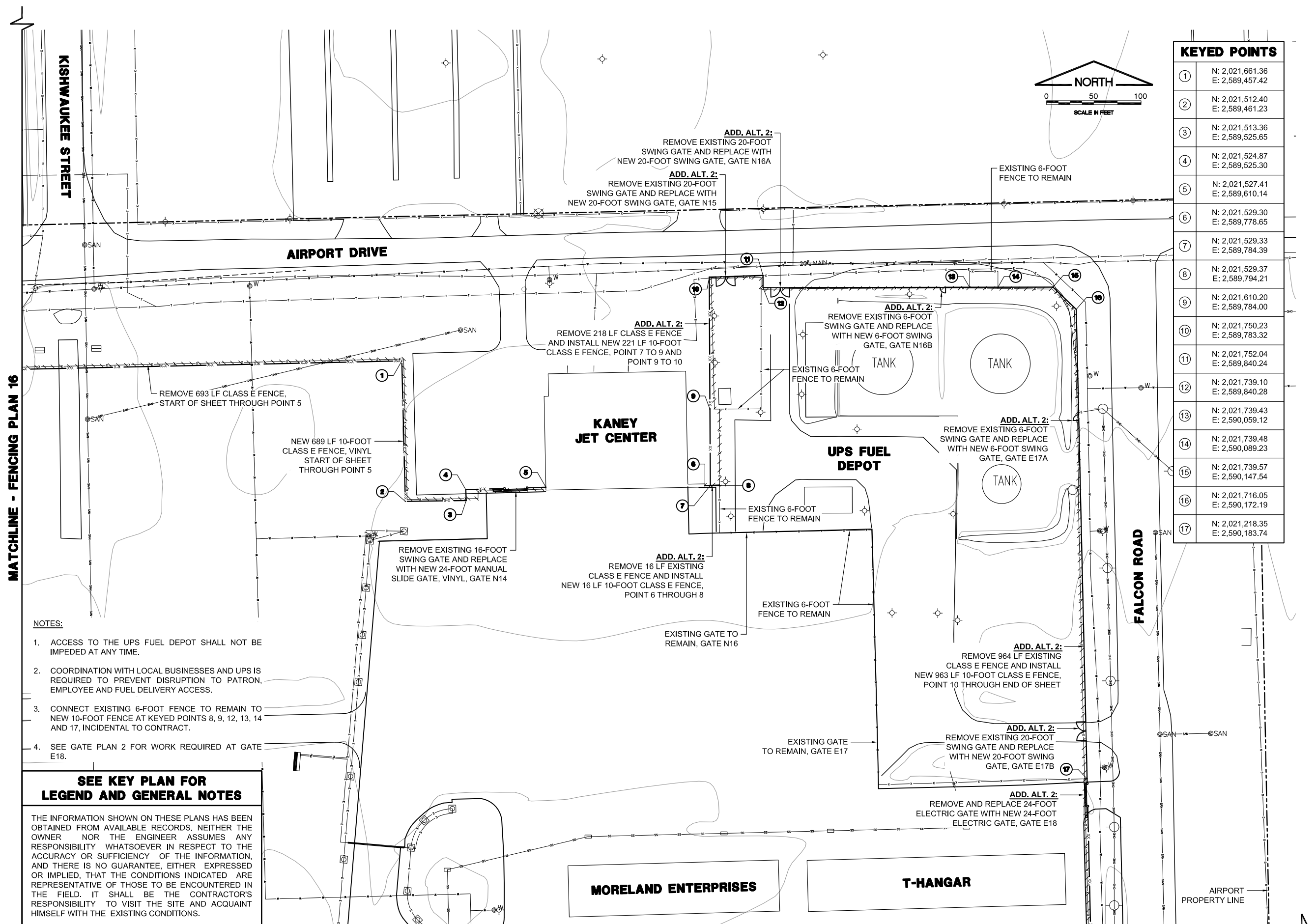
CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613



DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

DATE: Thursday, April 25, 2013 9:45:03 AM
 FILE: K:\Rockford\12258-04_Fence-Phase 15\Draw Sheets\FENCE PLAN 15.dwg
 UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 15
 KREF DWG: 15.dwg
 RFD Base.dwg
 prop_fence.dwg
 RFD Contours.dwg
 IMAGE FILES: RFD Airport Logo-CMKX.jpg

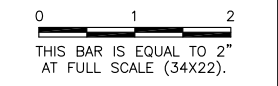


KEYED POINTS	
①	N: 2,021,661.36 E: 2,589,457.42
②	N: 2,021,512.40 E: 2,589,461.23
③	N: 2,021,513.36 E: 2,589,525.65
④	N: 2,021,524.87 E: 2,589,525.30
⑤	N: 2,021,527.41 E: 2,589,610.14
⑥	N: 2,021,529.30 E: 2,589,778.65
⑦	N: 2,021,529.33 E: 2,589,784.39
⑧	N: 2,021,529.37 E: 2,589,794.21
⑨	N: 2,021,610.20 E: 2,589,784.00
⑩	N: 2,021,750.23 E: 2,589,783.32
⑪	N: 2,021,752.04 E: 2,589,840.24
⑫	N: 2,021,739.10 E: 2,589,840.28
⑬	N: 2,021,739.43 E: 2,590,059.12
⑭	N: 2,021,739.48 E: 2,590,089.23
⑮	N: 2,021,739.57 E: 2,590,147.54
⑯	N: 2,021,716.05 E: 2,590,172.19
⑰	N: 2,021,218.35 E: 2,590,183.74

I.L. CONTRACT: **RO023**
 I.L. LETTING ITEM: **20A**
 I.L. PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE



GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2
FENCING PLAN 15
AIRPORT DRIVE AND FALCON ROAD

© Copyright CMT, Inc.
CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

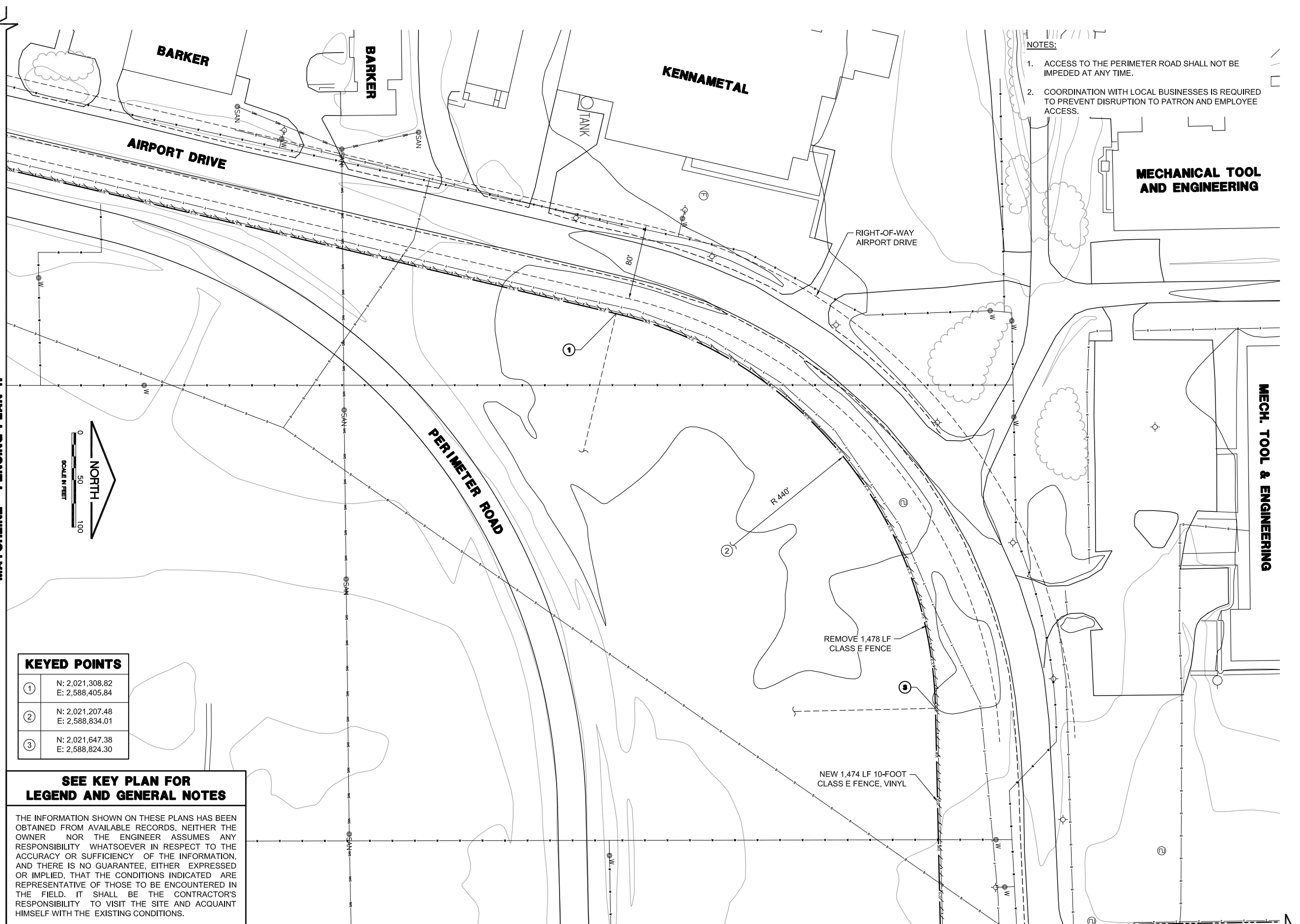
FINAL

SHEET 23 OF 49 SHEETS

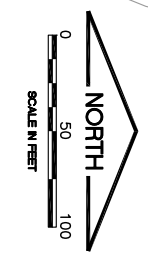
DATE: Thursday, April 25, 2013 9:45:38 AM
 FILE: K:\Rockford\12258-04_Fence-Phase 16\Draw Sheets\FENCE PLAN 16.dwg
 UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 16
 KREF: DWG: 16.dwg
 16.dwg
 RFD_Base.dwg
 prop_fence.dwg
 key_plan.dwg
 RFD_Contours.dwg
 IMAGE FILES: RFD_Airport_logo-CMYK.jpg

MATCHLINE - FENCING PLAN 17

MATCHLINE - FENCING PLAN 15



- NOTES:**
1. ACCESS TO THE PERIMETER ROAD SHALL NOT BE IMPEDED AT ANY TIME.
 2. COORDINATION WITH LOCAL BUSINESSES IS REQUIRED TO PREVENT DISRUPTION TO PATRON AND EMPLOYEE ACCESS.



KEYED POINTS	
①	N: 2,021,308.82 E: 2,588,405.84
②	N: 2,021,207.48 E: 2,588,834.01
③	N: 2,021,647.38 E: 2,588,824.30

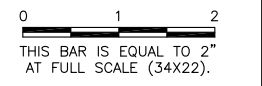
SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE



GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2

FENCING PLAN 16
AIRPORT ROAD

© Copyright CMT, Inc.

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

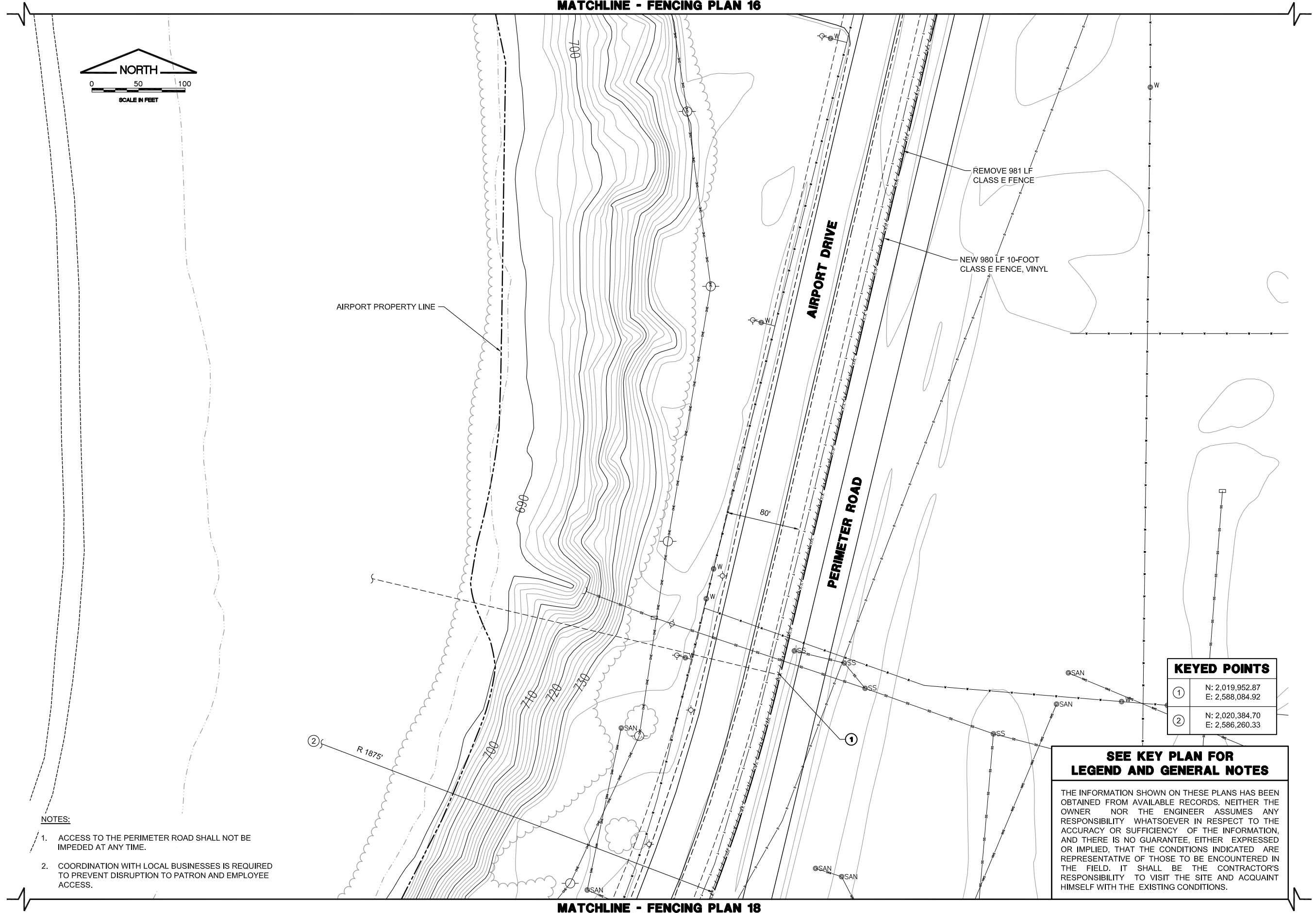
DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

DATE: Thursday, April 25, 2013 9:46:04 AM
 FILE: K:\Rockford\12258-04_Fence-Phase 17\Draw Sheets\FENCE PLAN 17.dwg
 UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 17
 XREF DWG: 13.dwg
 RFD_Base.dwg
 prop_fence.dwg
 key_plan.dwg
 RFD_Contours.dwg
 IMAGE FILES: RFD_Airport_logo-CMYK.jpg

MATCHLINE - FENCING PLAN 16

MATCHLINE - FENCING PLAN 18



- NOTES:**
1. ACCESS TO THE PERIMETER ROAD SHALL NOT BE IMPEDED AT ANY TIME.
 2. COORDINATION WITH LOCAL BUSINESSES IS REQUIRED TO PREVENT DISRUPTION TO PATRON AND EMPLOYEE ACCESS.

KEYED POINTS	
①	N: 2,019,952.87 E: 2,588,084.92
②	N: 2,020,384.70 E: 2,586,260.33

**SEE KEY PLAN FOR
LEGEND AND GENERAL NOTES**

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE

0 1 2
 THIS BAR IS EQUAL TO 2"
 AT FULL SCALE (34X22).

GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2
FENCING PLAN 17
AIRPORT DRIVE

© Copyright CMT, Inc.


CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613



DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

DATE: Thursday, April 25, 2013 9:47:44 AM
 FILE: K:\Rockford\12258-04_Fence-PH2\Draw Sheets\FENCE PLAN 18.dwg
 UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 18
 XREF DWG: 18.dwg
 RFD_Base.dwg
 prop_fence.dwg
 RFD_Contours.dwg
 IMAGE FILES: RFD_Airport_logo-CMYK.jpg

MATCHLINE - FENCING PLAN 17

SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

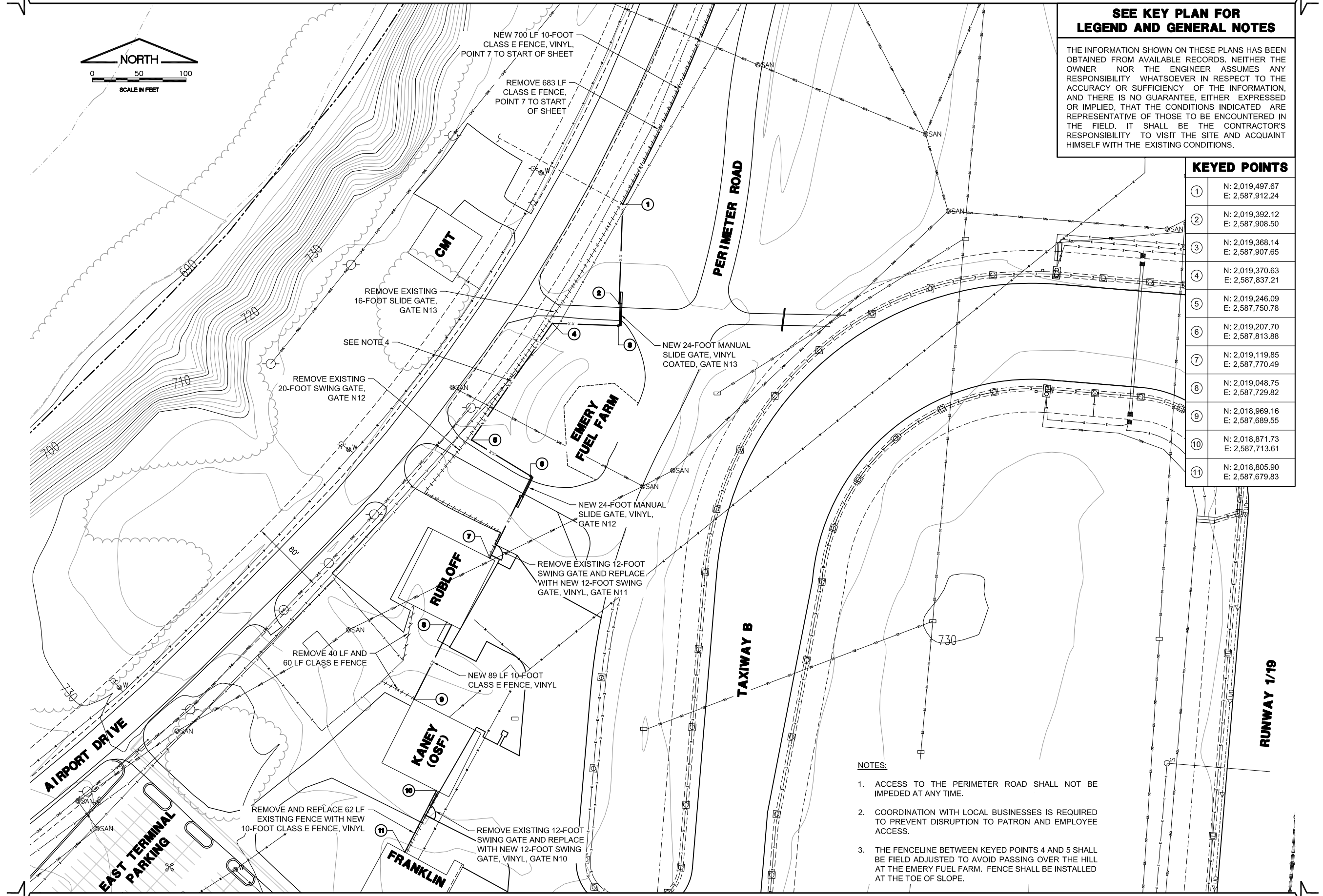
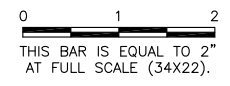
KEYED POINTS

1	N: 2,019,497.67 E: 2,587,912.24
2	N: 2,019,392.12 E: 2,587,908.50
3	N: 2,019,368.14 E: 2,587,907.65
4	N: 2,019,370.63 E: 2,587,837.21
5	N: 2,019,246.09 E: 2,587,750.78
6	N: 2,019,207.70 E: 2,587,813.88
7	N: 2,019,119.85 E: 2,587,770.49
8	N: 2,019,048.75 E: 2,587,729.82
9	N: 2,018,969.16 E: 2,587,689.55
10	N: 2,018,871.73 E: 2,587,713.61
11	N: 2,018,805.90 E: 2,587,679.83

I.L. CONTRACT: **RO023**
 I.L. LETTING ITEM: **20A**
 I.L. PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE



- NOTES:**
- ACCESS TO THE PERIMETER ROAD SHALL NOT BE IMPEDED AT ANY TIME.
 - COORDINATION WITH LOCAL BUSINESSES IS REQUIRED TO PREVENT DISRUPTION TO PATRON AND EMPLOYEE ACCESS.
 - THE FENCELINE BETWEEN KEYED POINTS 4 AND 5 SHALL BE FIELD ADJUSTED TO AVOID PASSING OVER THE HILL AT THE EMERY FUEL FARM. FENCE SHALL BE INSTALLED AT THE TOE OF SLOPE.

GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL
REPLACE PERIMETER FENCE, PHASES 1 AND 2
FENCING PLAN 18
AIRPORT DRIVE

© Copyright CMT, Inc.

CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

MATCHLINE - FENCING PLAN 19

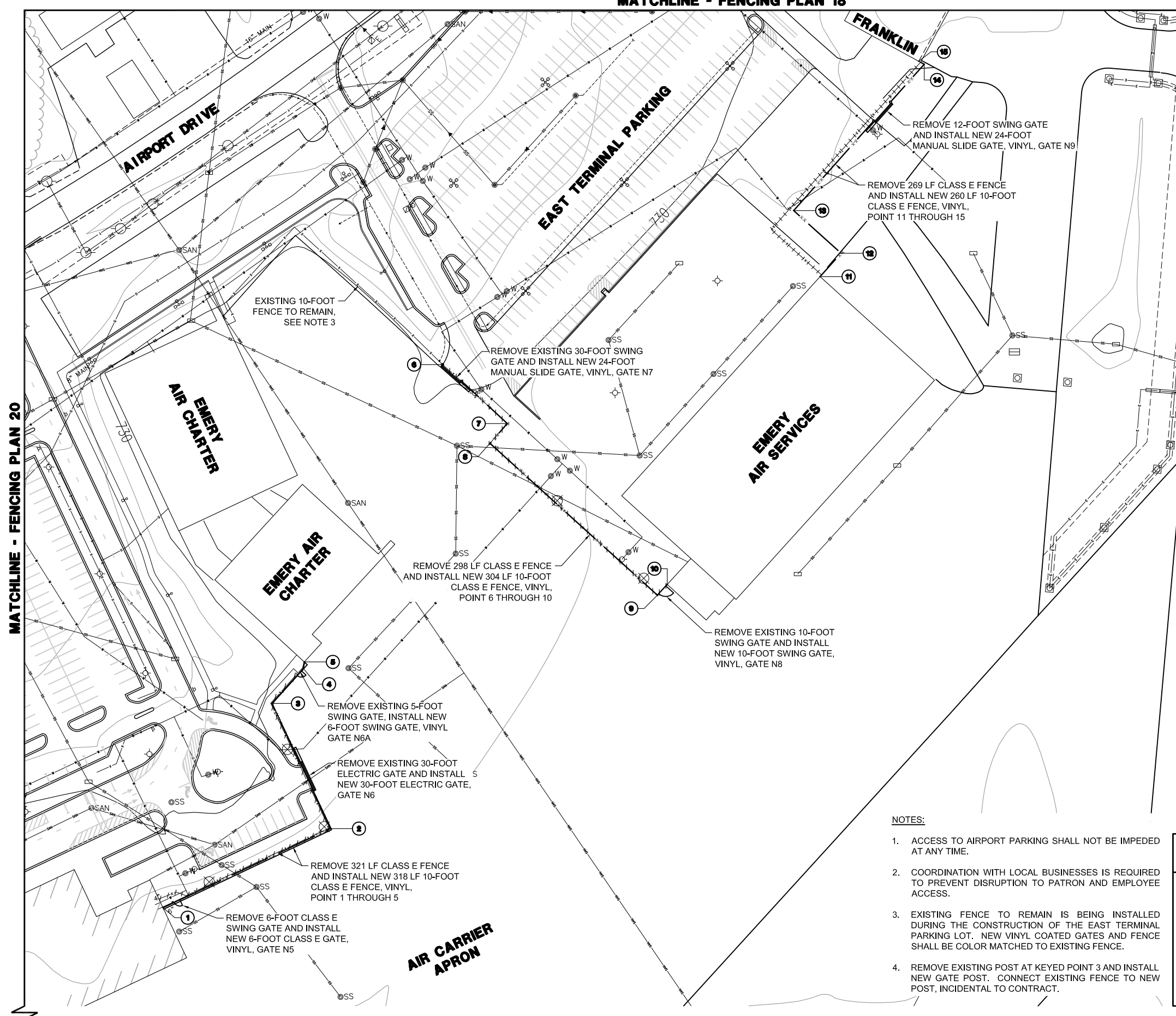
KREF-DWG: 13.dwg
 RFD_Base.dwg
 prop_fence.dwg
 RFD_Contours.dwg

IMAGE TILES: RFD_Airport_logo-CMKX.jpg

UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 19

DATE: Thursday, April 25, 2013 9:48:08 AM
 FILE: K:\Rockford\12258-04_Fence-PR2\Draw\Sheets\FENCE PLAN 19.dwg

MATCHLINE - FENCING PLAN 18



KEYED POINTS

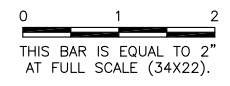
①	N: 2,107,906.19 E: 2,586,976.34	⑧	N: 2,108,349.23 E: 2,587,288.37
②	N: 2,107,981.68 E: 2,587,136.12	⑨	N: 2,108,204.33 E: 2,587,448.21
③	N: 2,108,101.07 E: 2,587,080.28	⑩	N: 2,108,214.60 E: 2,587,457.60
④	N: 2,108,134.40 E: 2,587,110.37	⑪	N: 2,108,508.30 E: 2,587,603.40
⑤	N: 2,108,140.74 E: 2,587,111.16	⑫	N: 2,108,530.55 E: 2,587,623.53
⑥	N: 2,108,424.37 E: 2,587,243.19	⑬	N: 2,108,571.29 E: 2,587,578.23
⑦	N: 2,108,368.06 E: 2,587,304.91	⑭	N: 2,108,710.86 E: 2,587,702.83
		⑮	N: 2,108,713.72 E: 2,587,697.61

IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS

NUMBER	BY	DATE



MATCHLINE - FENCING PLAN 20



NOTES:

- ACCESS TO AIRPORT PARKING SHALL NOT BE IMPEDED AT ANY TIME.
- COORDINATION WITH LOCAL BUSINESSES IS REQUIRED TO PREVENT DISRUPTION TO PATRON AND EMPLOYEE ACCESS.
- EXISTING FENCE TO REMAIN IS BEING INSTALLED DURING THE CONSTRUCTION OF THE EAST TERMINAL PARKING LOT. NEW VINYL COATED GATES AND FENCE SHALL BE COLOR MATCHED TO EXISTING FENCE.
- REMOVE EXISTING POST AT KEYED POINT 3 AND INSTALL NEW GATE POST. CONNECT EXISTING FENCE TO NEW POST, INCIDENTAL TO CONTRACT.

SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

**GREATER ROCKFORD AIRPORT AUTHORITY
 CHICAGO ROCKFORD INTERNATIONAL AIRPORT
 ROCKFORD, IL**

**REPLACE PERIMETER FENCE, PHASES 1 AND 2
 FENCING PLAN 19
 AIRPORT DRIVE**

© Copyright CMT, Inc.

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613



DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

KEYED POINTS

①	N: 2,018,094.27 E: 2,585,715.60	⑤	N: 2,017,541.85 E: 2,585,804.69
②	N: 2,017,790.15 E: 2,585,715.85	⑥	N: 2,017,649.36 E: 2,586,555.37
③	N: 2,017,764.52 E: 2,585,661.03	⑦	N: 2,017,729.27 E: 2,586,721.76
④	N: 2,017,527.82 E: 2,585,770.43	⑧	N: 2,017,759.63 E: 2,586,743.75



SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

NOTES:

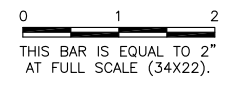
1. ACCESS TO AIRPORT PARKING SHALL NOT BE IMPEDED AT ANY TIME.
2. COORDINATION WITH LOCAL BUSINESSES IS REQUIRED TO PREVENT DISRUPTION TO PATRON AND EMPLOYEE ACCESS.
3. THE EXISTING WOODEN PRIVACY SCREEN ADJACENT TO POINTS 7 AND 8 SHALL NOT BE DISTURBED.
4. THE EXISTING FENCE FROM POINT 6 THROUGH POINT 8 CONTAINS PRIVACY SLATS. NO ADDITIONAL PAYMENT FOR REMOVAL OF FENCE WITH PRIVACY SLATS SHALL BE MADE.

IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

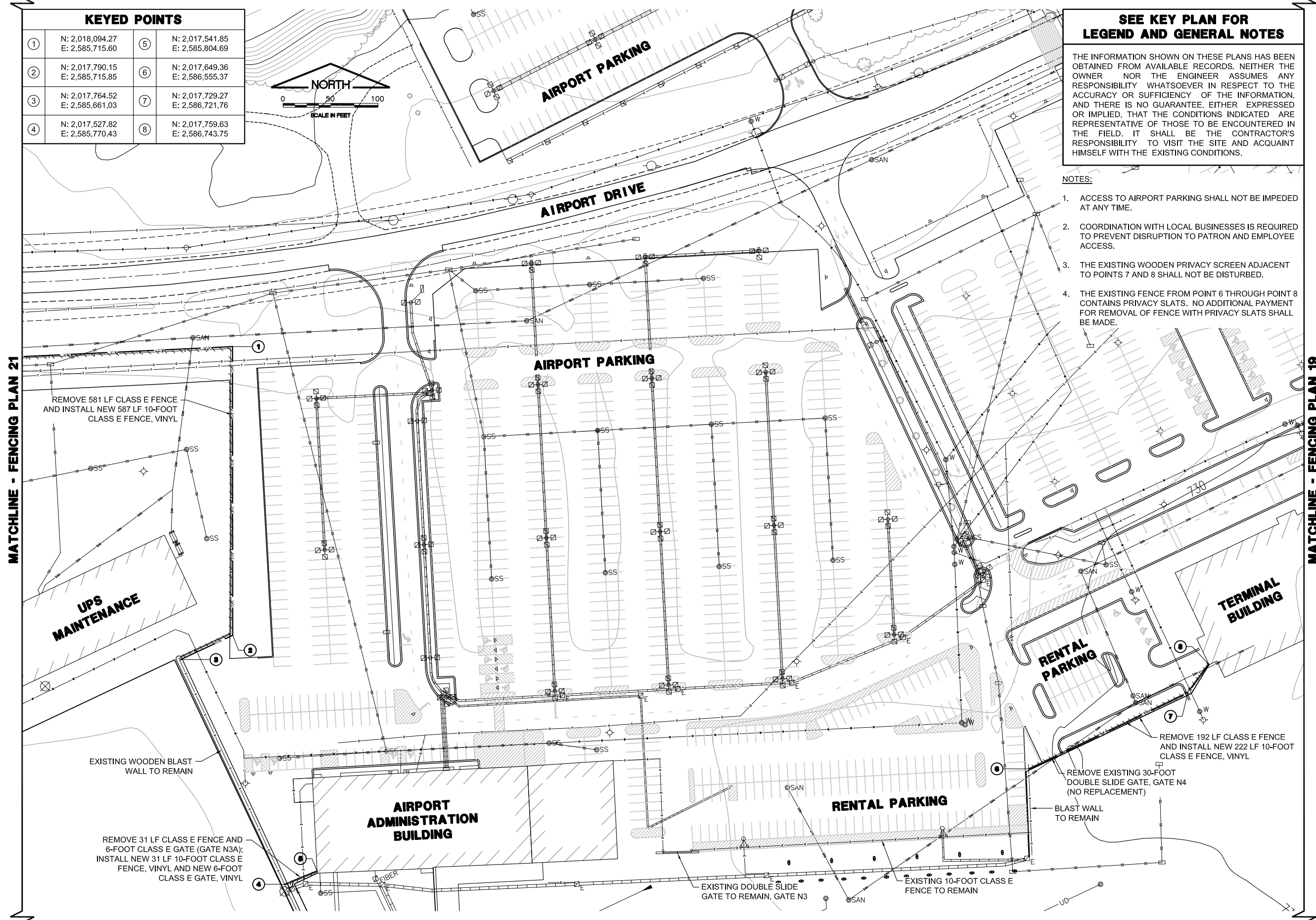
REVISIONS

NUMBER	BY	DATE



MATCHLINE - FENCING PLAN 21

MATCHLINE - FENCING PLAN 19



REMOVE 581 LF CLASS E FENCE AND INSTALL NEW 587 LF 10-FOOT CLASS E FENCE, VINYL

EXISTING WOODEN BLAST WALL TO REMAIN

REMOVE 31 LF CLASS E FENCE AND 6-FOOT CLASS E GATE (GATE N3A); INSTALL NEW 31 LF 10-FOOT CLASS E FENCE, VINYL AND NEW 6-FOOT CLASS E GATE, VINYL

REMOVE 192 LF CLASS E FENCE AND INSTALL NEW 222 LF 10-FOOT CLASS E FENCE, VINYL

REMOVE EXISTING 30-FOOT DOUBLE SLIDE GATE, GATE N4 (NO REPLACEMENT)

BLAST WALL TO REMAIN

EXISTING DOUBLE SLIDE GATE TO REMAIN, GATE N3

EXISTING 10-FOOT CLASS E FENCE TO REMAIN

DATE: Thursday, April 25, 2013 9:48:33 AM
 FILE: K:\Rockford\12258-04_Fence-PR2\Draw\Sheet\FENCE PLAN 20.dwg
 UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 20
 XREF DWG: 13.dwg
 RFD_Base.dwg
 prop_fence.dwg
 RFD_Contours.dwg
 IMAGE FILES: RFD_Airport_logo-CMYK.jpg

GREATER ROCKFORD AIRPORT AUTHORITY
 CHICAGO ROCKFORD INTERNATIONAL AIRPORT
 ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2
 FENCING PLAN 20
 AIRPORT DRIVE

© Copyright CMT, Inc.

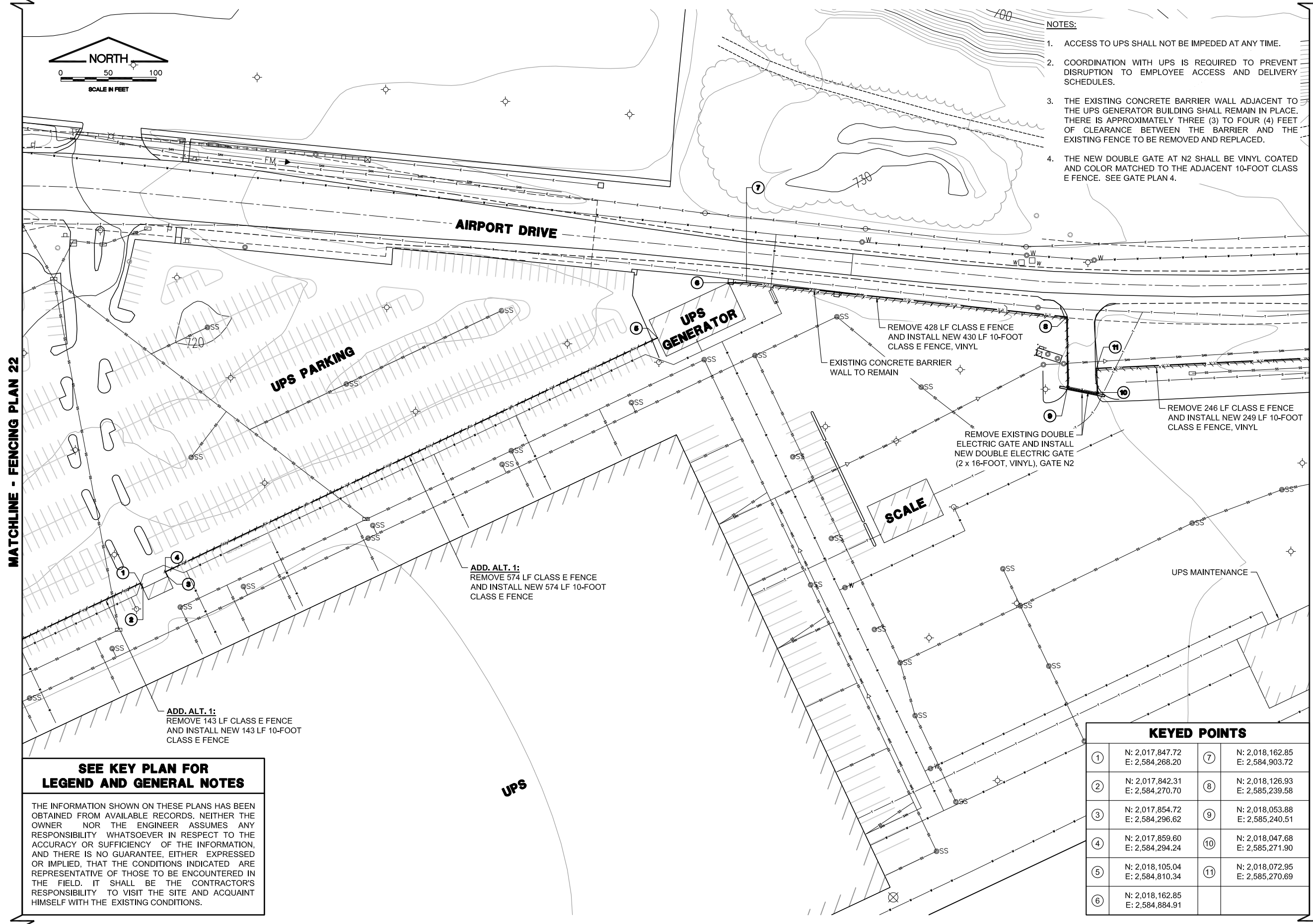
CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

MATCHLINE - FENCING PLAN 22

MATCHLINE - FENCING PLAN 20



NOTES:

1. ACCESS TO UPS SHALL NOT BE IMPEDED AT ANY TIME.
2. COORDINATION WITH UPS IS REQUIRED TO PREVENT DISRUPTION TO EMPLOYEE ACCESS AND DELIVERY SCHEDULES.
3. THE EXISTING CONCRETE BARRIER WALL ADJACENT TO THE UPS GENERATOR BUILDING SHALL REMAIN IN PLACE. THERE IS APPROXIMATELY THREE (3) TO FOUR (4) FEET OF CLEARANCE BETWEEN THE BARRIER AND THE EXISTING FENCE TO BE REMOVED AND REPLACED.
4. THE NEW DOUBLE GATE AT N2 SHALL BE VINYL COATED AND COLOR MATCHED TO THE ADJACENT 10-FOOT CLASS E FENCE. SEE GATE PLAN 4.

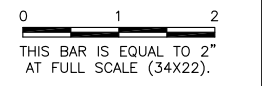


IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS

NUMBER	BY	DATE



SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

ADD. ALT. 1:
 REMOVE 574 LF CLASS E FENCE
 AND INSTALL NEW 574 LF 10-FOOT
 CLASS E FENCE

ADD. ALT. 1:
 REMOVE 143 LF CLASS E FENCE
 AND INSTALL NEW 143 LF 10-FOOT
 CLASS E FENCE

REMOVE 428 LF CLASS E FENCE
 AND INSTALL NEW 430 LF 10-FOOT
 CLASS E FENCE, VINYL

EXISTING CONCRETE BARRIER
 WALL TO REMAIN

REMOVE EXISTING DOUBLE
 ELECTRIC GATE AND INSTALL
 NEW DOUBLE ELECTRIC GATE
 (2 x 16-FOOT, VINYL), GATE N2

REMOVE 246 LF CLASS E FENCE
 AND INSTALL NEW 249 LF 10-FOOT
 CLASS E FENCE, VINYL

KEYED POINTS

①	N: 2,017,847.72 E: 2,584,268.20	⑦	N: 2,018,162.85 E: 2,584,903.72
②	N: 2,017,842.31 E: 2,584,270.70	⑧	N: 2,018,126.93 E: 2,585,239.58
③	N: 2,017,854.72 E: 2,584,296.62	⑨	N: 2,018,053.88 E: 2,585,240.51
④	N: 2,017,859.60 E: 2,584,294.24	⑩	N: 2,018,047.68 E: 2,585,271.90
⑤	N: 2,018,105.04 E: 2,584,810.34	⑪	N: 2,018,072.95 E: 2,585,270.69
⑥	N: 2,018,162.85 E: 2,584,884.91		

GREATER ROCKFORD AIRPORT AUTHORITY
 CHICAGO ROCKFORD INTERNATIONAL AIRPORT
 ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2
 FENCING PLAN 21
 AIRPORT DRIVE

© Copyright CMT, Inc.

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613



DESIGN BY: SMS
 DRAWN BY: CMT
 CHECKED BY: SMS
 APPROVED BY: DLP
 DATE: 04/19/2013
 JOB No: 12258-04-00/06

FINAL

KREF.DWG: 14.dwg
 RFD_Base.dwg
 prop_fence.dwg
 RFD_Contours.dwg

IMAGE FILES: RFD_Airport_logo-CMKX.jpg

UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 22

DATE: Thursday, April 25, 2013 9:54:32 AM
 FILE: K:\Rockford\12258-04_Fence_Pkg\Draw\Sheet\FENCE PLAN 22.dwg

**SEE KEY PLAN FOR
 LEGEND AND GENERAL NOTES**

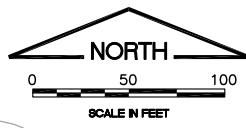
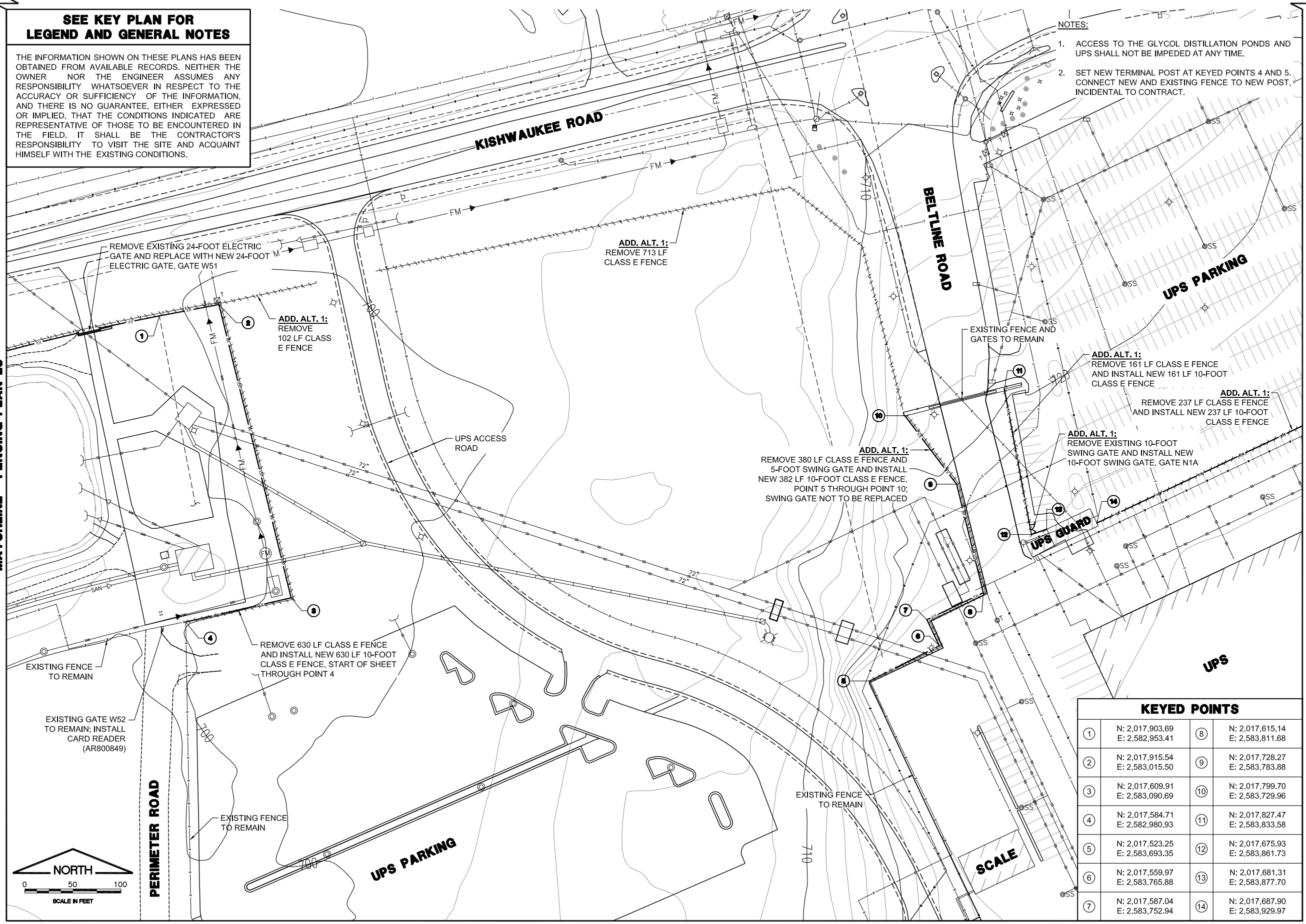
THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

NOTES:

1. ACCESS TO THE GLYCOL DISTILLATION PONDS AND UPS SHALL NOT BE IMPEDED AT ANY TIME.
2. SET NEW TERMINAL POST AT KEYED POINTS 4 AND 5. CONNECT NEW AND EXISTING FENCE TO NEW POST, INCIDENTAL TO CONTRACT.

MATCHLINE - FENCING PLAN 23

MATCHLINE - FENCING PLAN 21



KEYED POINTS			
①	N: 2,017,903.69 E: 2,582,953.41	⑧	N: 2,017,615.14 E: 2,583,811.68
②	N: 2,017,915.54 E: 2,583,015.50	⑨	N: 2,017,728.27 E: 2,583,783.88
③	N: 2,017,609.91 E: 2,583,090.69	⑩	N: 2,017,799.70 E: 2,583,729.96
④	N: 2,017,584.71 E: 2,582,980.93	⑪	N: 2,017,827.47 E: 2,583,833.58
⑤	N: 2,017,523.25 E: 2,583,693.35	⑫	N: 2,017,675.93 E: 2,583,861.73
⑥	N: 2,017,559.97 E: 2,583,765.88	⑬	N: 2,017,681.31 E: 2,583,877.70
⑦	N: 2,017,587.04 E: 2,583,752.94	⑭	N: 2,017,687.90 E: 2,583,929.97

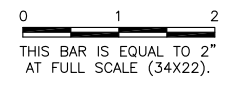
MATCHLINE - FENCING PLAN 25

IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS

NUMBER	BY	DATE



GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2
FENCING PLAN 22
AIRPORT DRIVE

© Copyright CMT, Inc.

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613



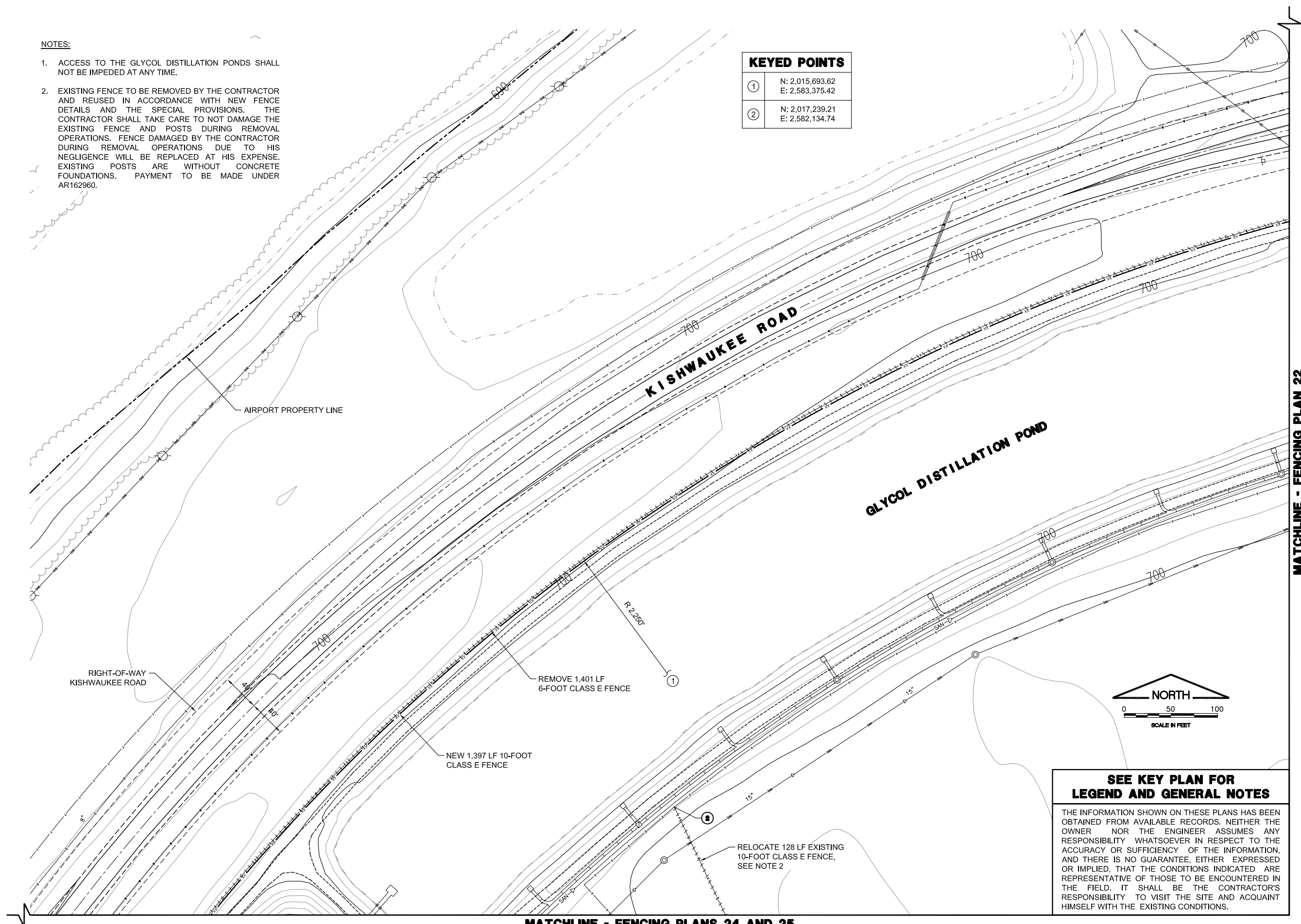
DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

DATE: Thursday, April 25, 2013 9:55:06 AM
 FILE: K:\Rockford\12258-04_Fence-Phase 1\Draw Sheets\FENCE PLAN 23.dwg
 UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 23
 XREF DWG: 13.dwg
 13.dwg
 RFD_Base.dwg
 prop_fence.dwg
 key_plan.dwg
 RFD_Contours.dwg
 IMAGE FILES: RFD_Airport_logo-CMYK.jpg

- NOTES:**
- ACCESS TO THE GLYCOL DISTILLATION PONDS SHALL NOT BE IMPEDED AT ANY TIME.
 - EXISTING FENCE TO BE REMOVED BY THE CONTRACTOR AND REUSED IN ACCORDANCE WITH NEW FENCE DETAILS AND THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL TAKE CARE TO NOT DAMAGE THE EXISTING FENCE AND POSTS DURING REMOVAL OPERATIONS. FENCE DAMAGED BY THE CONTRACTOR DURING REMOVAL OPERATIONS DUE TO HIS NEGLIGENCE WILL BE REPLACED AT HIS EXPENSE. EXISTING POSTS ARE WITHOUT CONCRETE FOUNDATIONS. PAYMENT TO BE MADE UNDER AR162960.

KEYED POINTS	
①	N: 2,015,693.62 E: 2,583,375.42
②	N: 2,017,239.21 E: 2,582,134.74



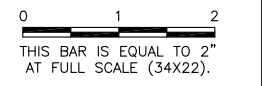
SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

I.L. CONTRACT: **RO023**
 I.L. LETTING ITEM: **20A**
 I.L. PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE



MATCHLINE - FENCING PLAN 22

GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2

FENCING PLAN 23
KISHWAUKEE ROAD

© Copyright CMT, Inc.

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613



DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

MATCHLINE - FENCING PLANS 24 AND 25

KREF DWG: 13.dwg
 RFD_Base.dwg
 prop_fence.dwg
 RFD_Contours.dwg

IMAGE TILES: RFD_Airport_logo-CMKY.jpg

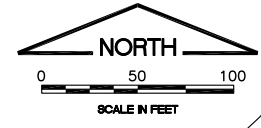
UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 24

DATE: Thursday, April 25, 2013 9:56:31 AM
 FILE: K:\Rockford\12258-04_Fence-PR2\Draw\Sheet\FENCE PLAN 24.dwg

MATCHLINE - FENCING PLAN 23

SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

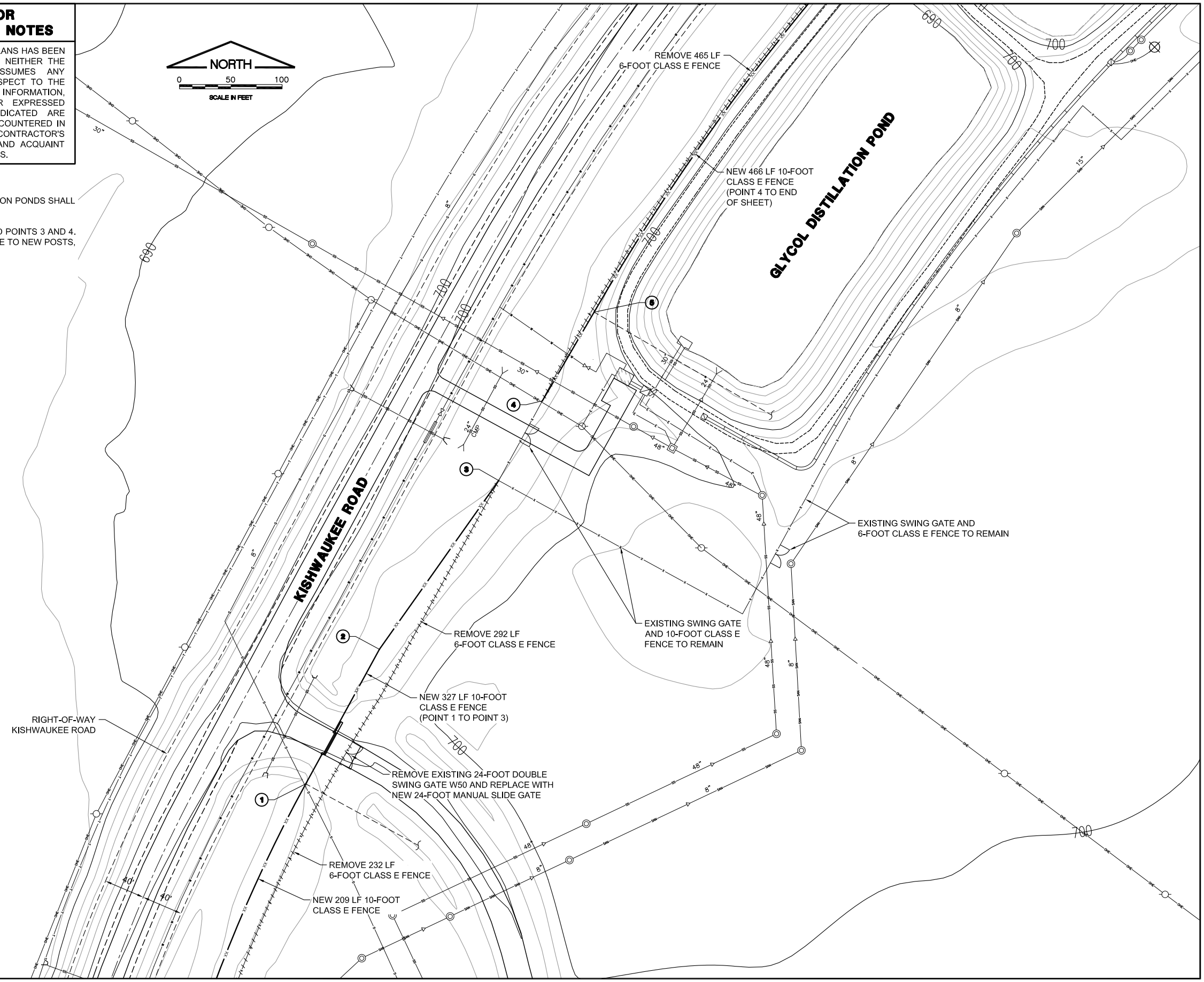


NOTES:

1. ACCESS TO THE GLYCOL DISTILLATION PONDS SHALL NOT BE IMPEDED AT ANY TIME.
2. SET NEW TERMINAL POST AT KEYED POINTS 3 AND 4. CONNECT NEW AND EXISTING FENCE TO NEW POSTS, INCIDENTAL TO CONTRACT.

KEYED POINTS

①	N: 2,016,363.01 E: 2,581,148.26
②	N: 2,016,494.04 E: 2,581,219.98
③	N: 2,016,658.44 E: 2,581,336.20
④	N: 2,016,736.12 E: 2,581,378.75
⑤	N: 2,016,822.54 E: 2,581,429.13



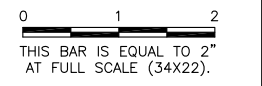
MATCHLINE - FENCING PLAN 26

MATCHLINE - FENCING PLAN 25

IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE



**GREATER ROCKFORD AIRPORT AUTHORITY
 CHICAGO ROCKFORD INTERNATIONAL AIRPORT
 ROCKFORD, IL**

**REPLACE PERIMETER FENCE, PHASES 1 AND 2
 FENCING PLAN 24
 KISHWAUKEE ROAD**

© Copyright CMT, Inc.
CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613



DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

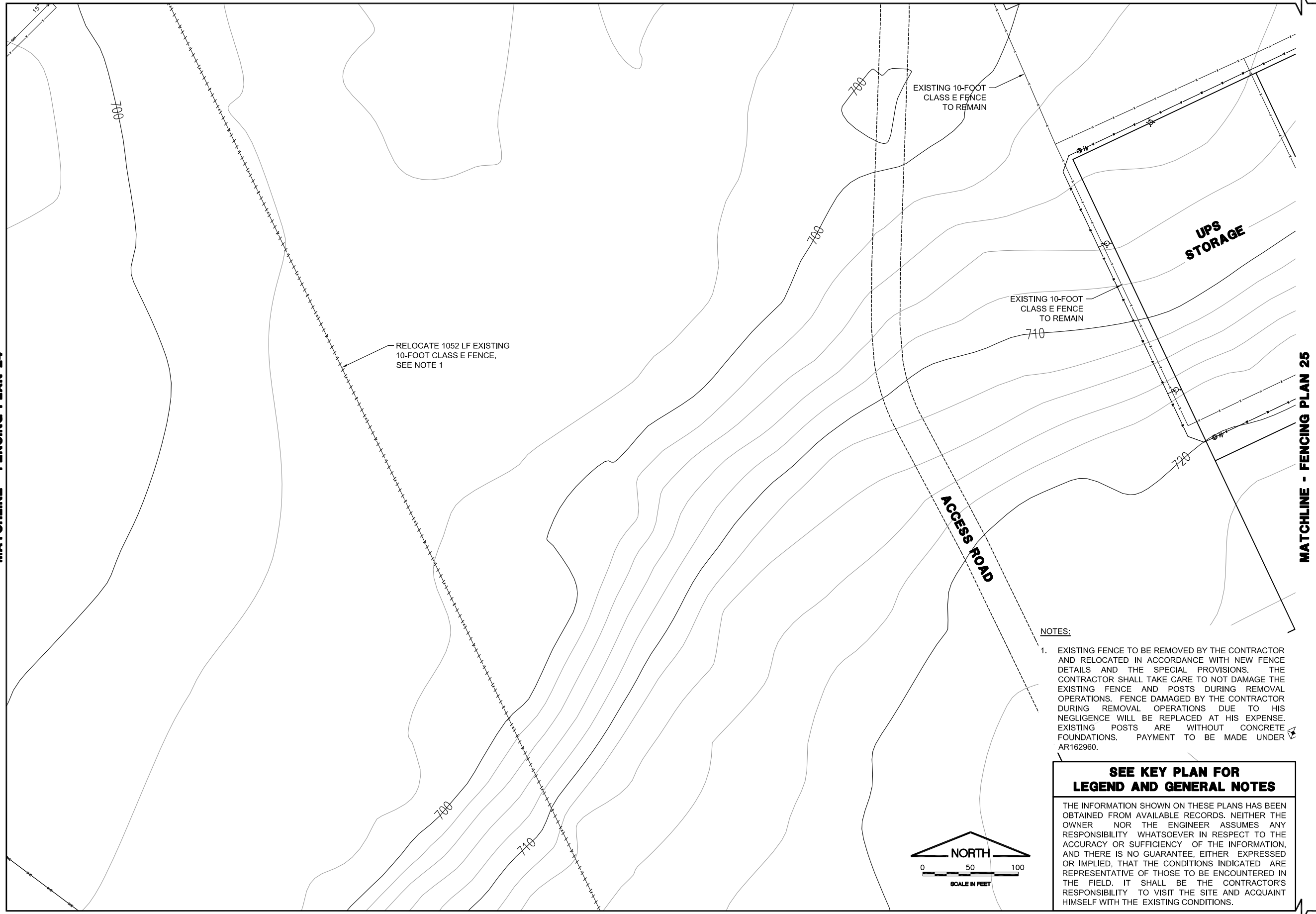
FINAL

MATCHLINE - FENCING PLAN 24

MATCHLINE - FENCING PLANS 22 AND 23

MATCHLINE - FENCING PLAN 27

MATCHLINE - FENCING PLAN 25



NOTES:

1. EXISTING FENCE TO BE REMOVED BY THE CONTRACTOR AND RELOCATED IN ACCORDANCE WITH NEW FENCE DETAILS AND THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL TAKE CARE TO NOT DAMAGE THE EXISTING FENCE AND POSTS DURING REMOVAL OPERATIONS. FENCE DAMAGED BY THE CONTRACTOR DURING REMOVAL OPERATIONS DUE TO HIS NEGLIGENCE WILL BE REPLACED AT HIS EXPENSE. EXISTING POSTS ARE WITHOUT CONCRETE FOUNDATIONS. PAYMENT TO BE MADE UNDER AR162960.

SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

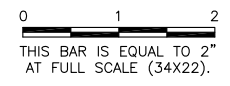
THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.



IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE



**GREATER ROCKFORD AIRPORT AUTHORITY
 CHICAGO ROCKFORD INTERNATIONAL AIRPORT
 ROCKFORD, IL**

**REPLACE PERIMETER FENCE, PHASES 1 AND 2
 FENCING PLAN 25
 KISHWAUKEE ROAD**

© Copyright CMT, Inc.

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

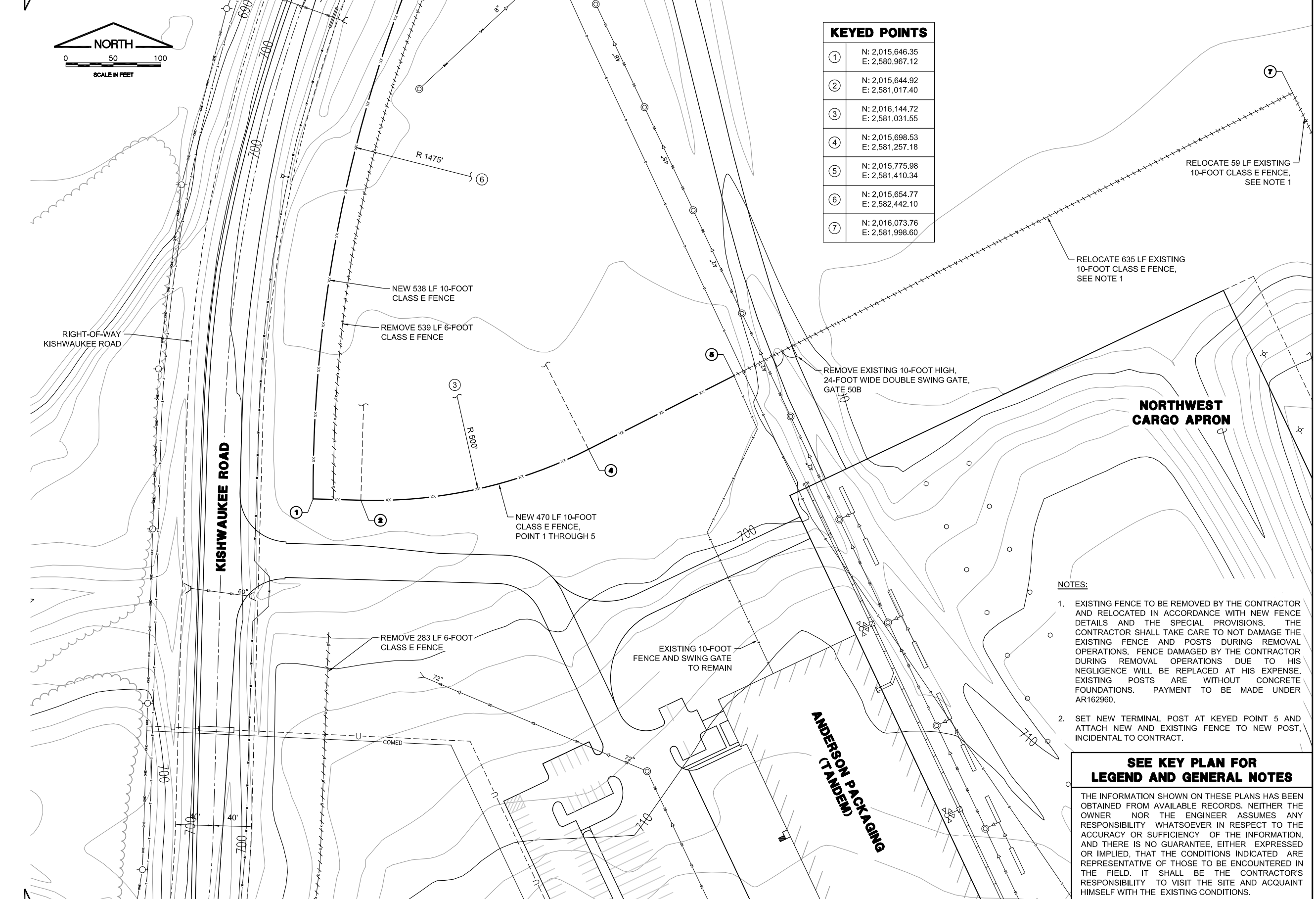
DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

DATE: Thursday, April 25, 2013 9:56:28 AM
 FILE: K:\Rockford\12258-04_Fence-Phase 1\Draw Sheets\FENCE PLAN 26.dwg
 UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 26
 XREF DWG: 1b.dwg
 RFD Base.dwg
 prop_fence.dwg
 key_plan.dwg
 RFD Contours.dwg
 IMAGE FILES: RFD Airport Logo-CMKX.jpg

MATCHLINE - FENCING PLAN 24

MATCHLINE - FENCING PLAN 28



KEYED POINTS	
①	N: 2,015,646.35 E: 2,580,967.12
②	N: 2,015,644.92 E: 2,581,017.40
③	N: 2,016,144.72 E: 2,581,031.55
④	N: 2,015,698.53 E: 2,581,257.18
⑤	N: 2,015,775.98 E: 2,581,410.34
⑥	N: 2,015,654.77 E: 2,582,442.10
⑦	N: 2,016,073.76 E: 2,581,998.60

- NOTES:**
- EXISTING FENCE TO BE REMOVED BY THE CONTRACTOR AND RELOCATED IN ACCORDANCE WITH NEW FENCE DETAILS AND THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL TAKE CARE TO NOT DAMAGE THE EXISTING FENCE AND POSTS DURING REMOVAL OPERATIONS. FENCE DAMAGED BY THE CONTRACTOR DURING REMOVAL OPERATIONS DUE TO HIS NEGLIGENCE WILL BE REPLACED AT HIS EXPENSE. EXISTING POSTS ARE WITHOUT CONCRETE FOUNDATIONS. PAYMENT TO BE MADE UNDER AR162960.
 - SET NEW TERMINAL POST AT KEYED POINT 5 AND ATTACH NEW AND EXISTING FENCE TO NEW POST, INCIDENTAL TO CONTRACT.

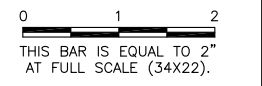
SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE



MATCHLINE - FENCING PLAN 27

GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL
REPLACE PERIMETER FENCE, PHASES 1 AND 2
FENCING PLAN 26
KISHWAUKEE ROAD

© Copyright GMT, Inc.

GMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

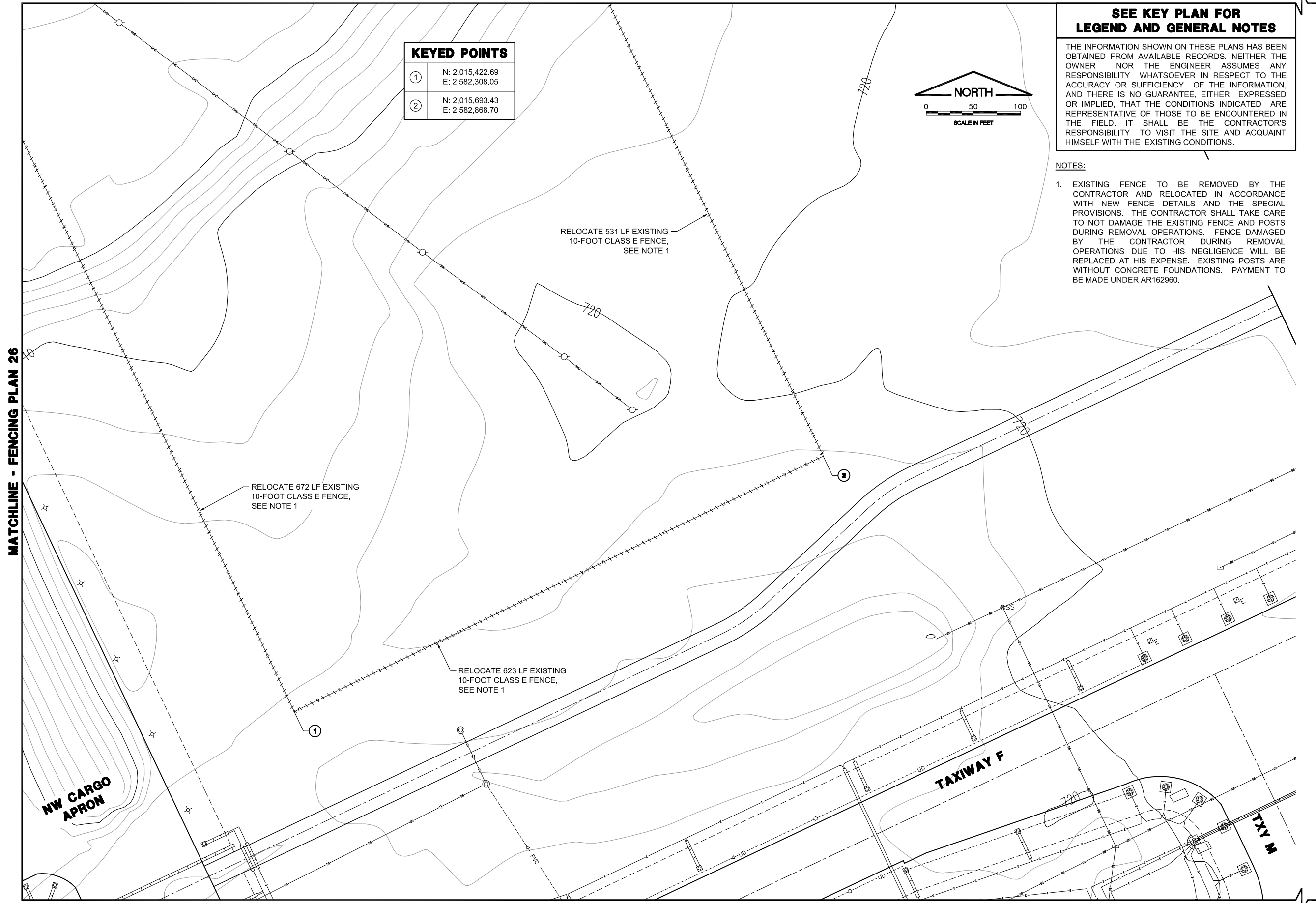
KREF: DWG: 13.dwg
 RFD_Base.dwg
 prop_fence.dwg
 key_plan.dwg
 RFD_Contours.dwg

IMAGE FILES: RFD_Airport_logo-CMKX.jpg

UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 27

DATE: Thursday, April 25, 2013 9:56:55 AM
 FILE: K:\Rockford\12258-04_Fence-PR2\Draw Sheets\FENCE PLAN 27.dwg

MATCHLINE - FENCING PLAN 25



KEYED POINTS	
①	N: 2,015,422.69 E: 2,582,308.05
②	N: 2,015,693.43 E: 2,582,868.70

SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

- NOTES:**
- EXISTING FENCE TO BE REMOVED BY THE CONTRACTOR AND RELOCATED IN ACCORDANCE WITH NEW FENCE DETAILS AND THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL TAKE CARE TO NOT DAMAGE THE EXISTING FENCE AND POSTS DURING REMOVAL OPERATIONS. FENCE DAMAGED BY THE CONTRACTOR DURING REMOVAL OPERATIONS DUE TO HIS NEGLIGENCE WILL BE REPLACED AT HIS EXPENSE. EXISTING POSTS ARE WITHOUT CONCRETE FOUNDATIONS. PAYMENT TO BE MADE UNDER AR162960.

MATCHLINE - FENCING PLAN 26

MATCHLINE - FENCING PLAN 5

IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE

0 1 2
 THIS BAR IS EQUAL TO 2"
 AT FULL SCALE (34X22).

GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2

FENCING PLAN 27
KISHWAUKEE ROAD

© Copyright CMT, Inc.

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

KREF.DWG: 13.dwg
 RFD_Base.dwg
 prop_fence.dwg
 key_plan.dwg
 RFD_Contours.dwg

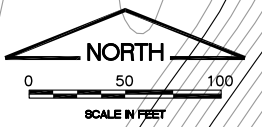
IMAGE FILES: RFD_Airport_logo-CMKY.jpg

UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 28

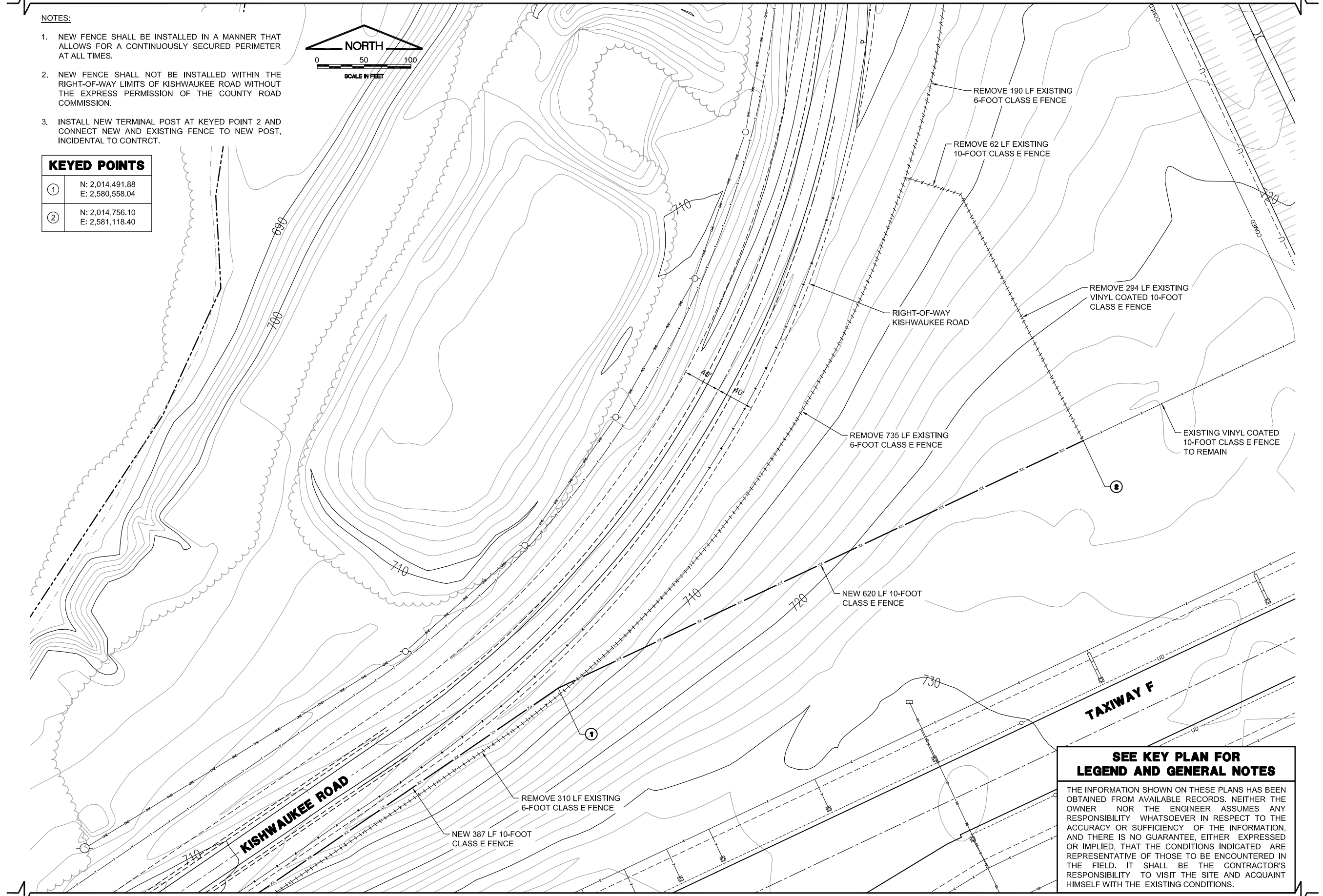
DATE: Thursday, April 25, 2013 9:57:18 AM
 FILE: K:\Rockford\12258-04_Fence_Plan\Draw Sheets\FENCE PLAN 28.dwg

MATCHLINE - FENCING PLAN 26

- NOTES:**
1. NEW FENCE SHALL BE INSTALLED IN A MANNER THAT ALLOWS FOR A CONTINUOUSLY SECURED PERIMETER AT ALL TIMES.
 2. NEW FENCE SHALL NOT BE INSTALLED WITHIN THE RIGHT-OF-WAY LIMITS OF KISHWAUKEE ROAD WITHOUT THE EXPRESS PERMISSION OF THE COUNTY ROAD COMMISSION.
 3. INSTALL NEW TERMINAL POST AT KEYED POINT 2 AND CONNECT NEW AND EXISTING FENCE TO NEW POST, INCIDENTAL TO CONTRCT.



KEYED POINTS	
①	N: 2,014,491.88 E: 2,580,558.04
②	N: 2,014,756.10 E: 2,581,118.40



MATCHLINE - FENCING PLAN 29

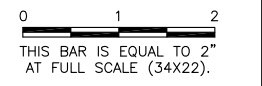
SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE



**GREATER ROCKFORD AIRPORT AUTHORITY
 CHICAGO ROCKFORD INTERNATIONAL AIRPORT
 ROCKFORD, IL**

**REPLACE PERIMETER FENCE, PHASES 1 AND 2
 FENCING PLAN 28
 KISHWAUKEE ROAD**

© Copyright CMT, Inc.

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

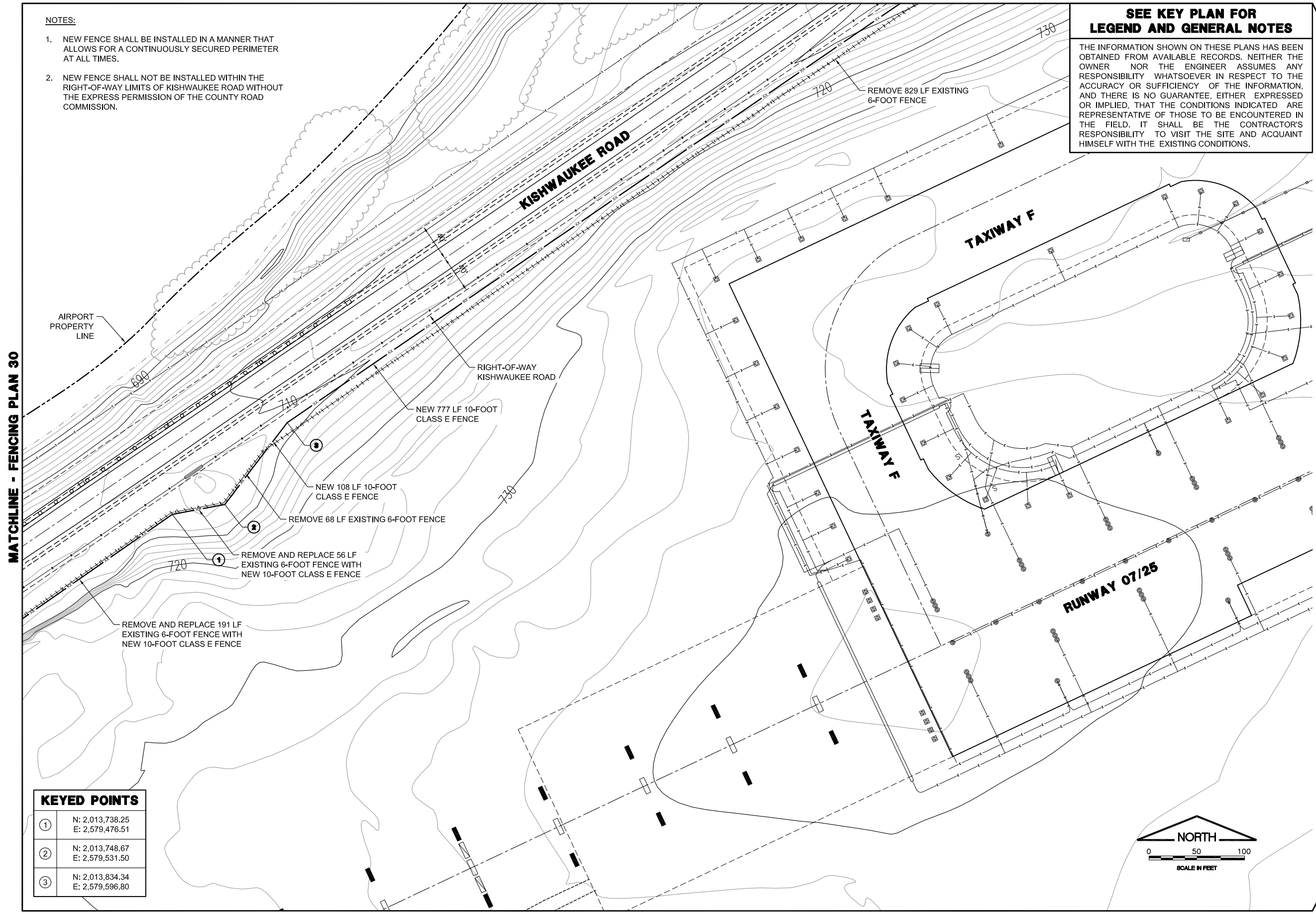
KREF: DWG: 13.dwg
 RFD_Base.dwg
 prop_fence.dwg
 key_plan.dwg
 RFD_Contours.dwg

IMAGE FILES: RFD_Airport_logo-CMKX.jpg

UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 29

DATE: Thursday, April 25, 2013 9:57:48 AM
 FILE: K:\Rockford\12258-04_Fence-PR2\Draw Sheets\FENCE PLAN 29.dwg

MATCHLINE - FENCING PLAN 28



NOTES:

1. NEW FENCE SHALL BE INSTALLED IN A MANNER THAT ALLOWS FOR A CONTINUOUSLY SECURED PERIMETER AT ALL TIMES.
2. NEW FENCE SHALL NOT BE INSTALLED WITHIN THE RIGHT-OF-WAY LIMITS OF KISHWAUKEE ROAD WITHOUT THE EXPRESS PERMISSION OF THE COUNTY ROAD COMMISSION.

SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

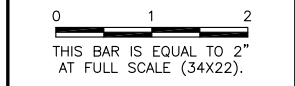
KEYED POINTS	
①	N: 2,013,738.25 E: 2,579,476.51
②	N: 2,013,748.67 E: 2,579,531.50
③	N: 2,013,834.34 E: 2,579,596.80



IL. CONTRACT: **RO023**
 IL. LETTING ITEM: **20A**
 IL. PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE



GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2

FENCING PLAN 29
KISHWAUKEE ROAD

© Copyright CMT, Inc.

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

MATCHLINE - FENCING PLAN 29

IL. CONTRACT: **RO023**
 IL. LETTING ITEM: **20A**
 IL. PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE

0 1 2
 THIS BAR IS EQUAL TO 2"
 AT FULL SCALE (34X22).

GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2

FENCING PLAN 30

KISWAUKEE ROAD AND BELTLINE ROAD

© Copyright: CMT, Inc.

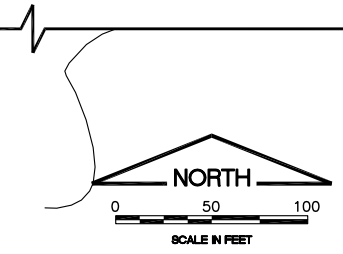
CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613



DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

MATCHLINE - FENCING PLAN 1



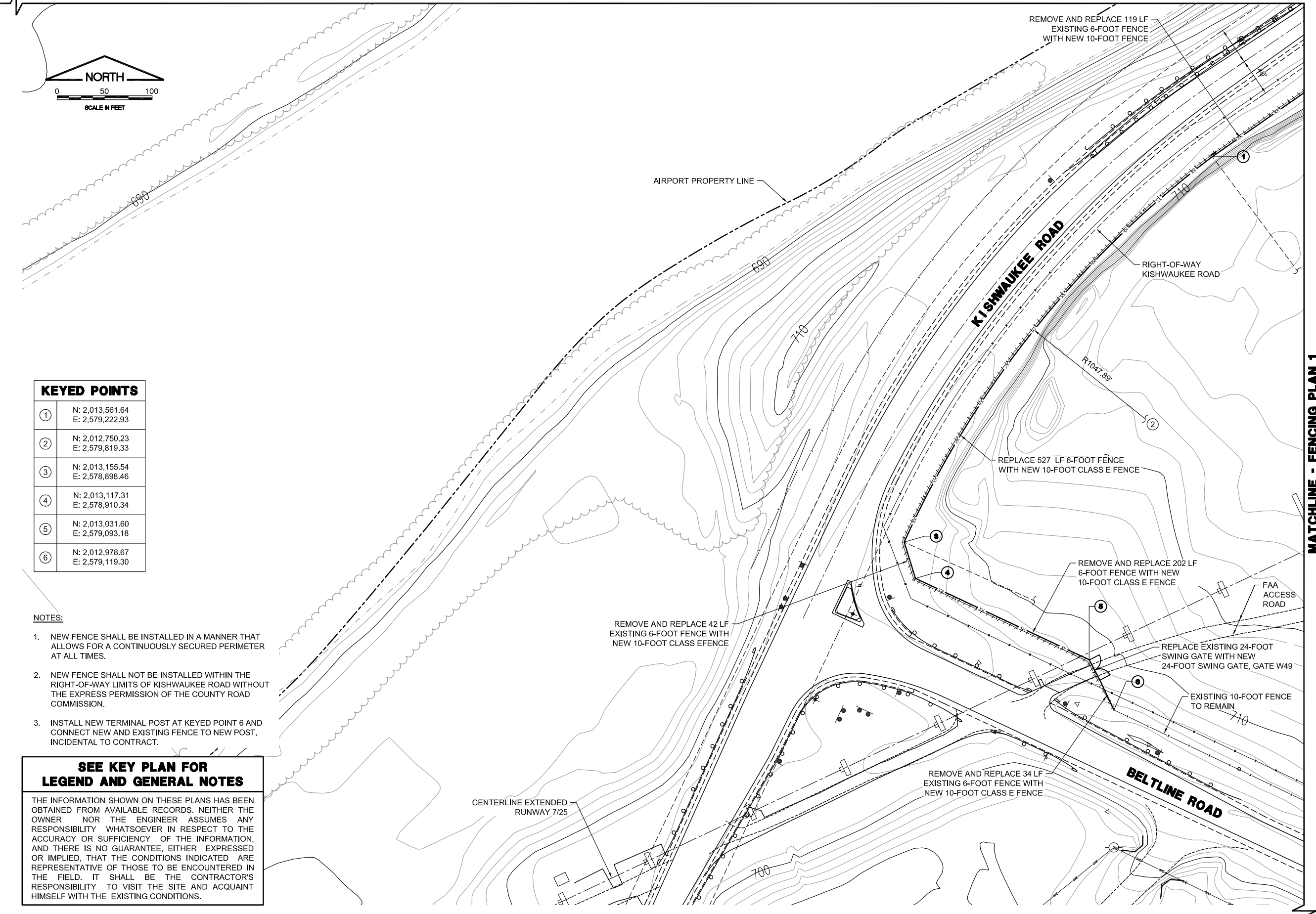
KEYED POINTS	
①	N: 2,013,561.64 E: 2,579,222.93
②	N: 2,012,750.23 E: 2,579,819.33
③	N: 2,013,155.54 E: 2,578,898.46
④	N: 2,013,117.31 E: 2,578,910.34
⑤	N: 2,013,031.60 E: 2,579,093.18
⑥	N: 2,012,978.67 E: 2,579,119.30

NOTES:

- NEW FENCE SHALL BE INSTALLED IN A MANNER THAT ALLOWS FOR A CONTINUOUSLY SECURED PERIMETER AT ALL TIMES.
- NEW FENCE SHALL NOT BE INSTALLED WITHIN THE RIGHT-OF-WAY LIMITS OF KISHWAUKEE ROAD WITHOUT THE EXPRESS PERMISSION OF THE COUNTY ROAD COMMISSION.
- INSTALL NEW TERMINAL POST AT KEYED POINT 6 AND CONNECT NEW AND EXISTING FENCE TO NEW POST, INCIDENTAL TO CONTRACT.

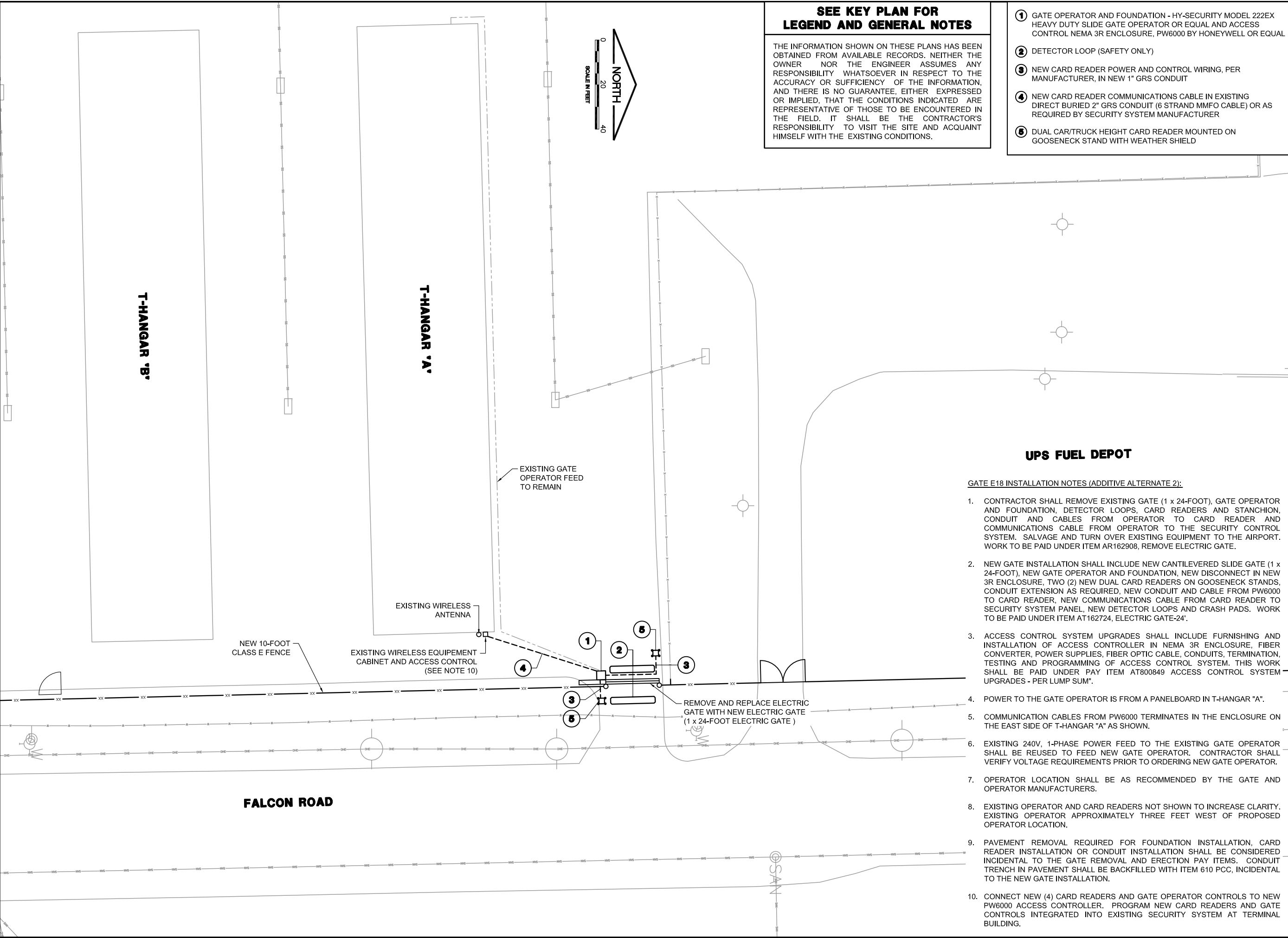
SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.



DATE: Thursday, April 25, 2013 9:58:15 AM
 FILE: K:\Rockford\12258-04_Fence_Phr\Draw Sheets\FENCE PLAN 30.dwg
 UPDATE BY: Sean Smith
 LAYOUT: FENCE PLAN 30
 XREF DWG: 13.dwg
 RFD_Base.dwg
 prop_fence.dwg
 key_plan.dwg
 RFD_Contours.dwg
 IMAGE FILES: RFD_Airport_logo-CMKX.jpg

DATE: Wednesday, April 24, 2013 4:15:06 PM
 FILE: K:\Rockford\12258-04 Fence PH2\Draw\Sheet\GATE PLAN 2.dwg
 UPDATE BY: Sean Smith
 LAYOUT: GATE PLAN 2
 REF: DWG: 15.dwg
 CD: 15.dwg
 Base: 15.dwg
 fence.dwg
 IMAGE FILES: RFD Airport logo-CMYK.jpg
 5d\CMYK.jpg



SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

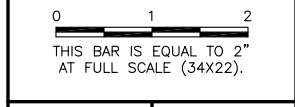
THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

- ① GATE OPERATOR AND FOUNDATION - HY-SECURITY MODEL 222EX HEAVY DUTY SLIDE GATE OPERATOR OR EQUAL AND ACCESS CONTROL NEMA 3R ENCLOSURE, PW6000 BY HONEYWELL OR EQUAL
- ② DETECTOR LOOP (SAFETY ONLY)
- ③ NEW CARD READER POWER AND CONTROL WIRING, PER MANUFACTURER, IN NEW 1" GRS CONDUIT
- ④ NEW CARD READER COMMUNICATIONS CABLE IN EXISTING DIRECT BURIED 2" GRS CONDUIT (6 STRAND MMFO CABLE) OR AS REQUIRED BY SECURITY SYSTEM MANUFACTURER
- ⑤ DUAL CAR/TRUCK HEIGHT CARD READER MOUNTED ON GOOSENECK STAND WITH WEATHER SHIELD

IL. CONTRACT: **RO023**
 IL. LETTING ITEM: **20A**
 IL. PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE



GATE E18 INSTALLATION NOTES (ADDITIVE ALTERNATE 2):

1. CONTRACTOR SHALL REMOVE EXISTING GATE (1 x 24-FOOT), GATE OPERATOR AND FOUNDATION, DETECTOR LOOPS, CARD READERS AND STANCHION, CONDUIT AND CABLES FROM OPERATOR TO CARD READER AND COMMUNICATIONS CABLE FROM OPERATOR TO THE SECURITY CONTROL SYSTEM. SALVAGE AND TURN OVER EXISTING EQUIPMENT TO THE AIRPORT. WORK TO BE PAID UNDER ITEM AR162908, REMOVE ELECTRIC GATE.
2. NEW GATE INSTALLATION SHALL INCLUDE NEW CANTILEVERED SLIDE GATE (1 x 24-FOOT), NEW GATE OPERATOR AND FOUNDATION, NEW DISCONNECT IN NEW 3R ENCLOSURE, TWO (2) NEW DUAL CARD READERS ON GOOSENECK STANDS, CONDUIT EXTENSION AS REQUIRED, NEW CONDUIT AND CABLE FROM PW6000 TO CARD READER, NEW COMMUNICATIONS CABLE FROM CARD READER TO SECURITY SYSTEM PANEL, NEW DETECTOR LOOPS AND CRASH PADS. WORK TO BE PAID UNDER ITEM AT162724, ELECTRIC GATE-24'.
3. ACCESS CONTROL SYSTEM UPGRADES SHALL INCLUDE FURNISHING AND INSTALLATION OF ACCESS CONTROLLER IN NEMA 3R ENCLOSURE, FIBER CONVERTER, POWER SUPPLIES, FIBER OPTIC CABLE, CONDUITS, TERMINATION, TESTING AND PROGRAMMING OF ACCESS CONTROL SYSTEM. THIS WORK SHALL BE PAID UNDER PAY ITEM AT800849 ACCESS CONTROL SYSTEM UPGRADES - PER LUMP SUM.
4. POWER TO THE GATE OPERATOR IS FROM A PANELBOARD IN T-HANGAR "A".
5. COMMUNICATION CABLES FROM PW6000 TERMINATES IN THE ENCLOSURE ON THE EAST SIDE OF T-HANGAR "A" AS SHOWN.
6. EXISTING 240V, 1-PHASE POWER FEED TO THE EXISTING GATE OPERATOR SHALL BE REUSED TO FEED NEW GATE OPERATOR. CONTRACTOR SHALL VERIFY VOLTAGE REQUIREMENTS PRIOR TO ORDERING NEW GATE OPERATOR.
7. OPERATOR LOCATION SHALL BE AS RECOMMENDED BY THE GATE AND OPERATOR MANUFACTURERS.
8. EXISTING OPERATOR AND CARD READERS NOT SHOWN TO INCREASE CLARITY. EXISTING OPERATOR APPROXIMATELY THREE FEET WEST OF PROPOSED OPERATOR LOCATION.
9. PAVEMENT REMOVAL REQUIRED FOR FOUNDATION INSTALLATION. CARD READER INSTALLATION OR CONDUIT INSTALLATION SHALL BE CONSIDERED INCIDENTAL TO THE GATE REMOVAL AND ERECTION PAY ITEMS. CONDUIT TRENCH IN PAVEMENT SHALL BE BACKFILLED WITH ITEM 610 PCC, INCIDENTAL TO THE NEW GATE INSTALLATION.
10. CONNECT NEW (4) CARD READERS AND GATE OPERATOR CONTROLS TO NEW PW6000 ACCESS CONTROLLER. PROGRAM NEW CARD READERS AND GATE CONTROLS INTEGRATED INTO EXISTING SECURITY SYSTEM AT TERMINAL BUILDING.

GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2
GATE PLAN 2 - GATE E18

© Copyright CMT, Inc.

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06
FINAL	
SHEET 40 OF 49 SHEETS	

DATE: Wednesday, April 24, 2013 4:16:39 PM
 FILE: K:\Rockford\12258-04_Fence-PH2\Draw\Sheet\GATE PLAN 4.dwg
 UPDATE BY: Sean Smith
 LAYOUT: GATE PLAN 4
 REF: DWG: 12258-04-Fence-PH2.dwg
 IMAGE FILES: 12258-04-Fence-PH2.dwg
 REF: DWG: 12258-04-Fence-PH2.dwg

SEE KEY PLAN FOR LEGEND AND GENERAL NOTES

THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION, AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.

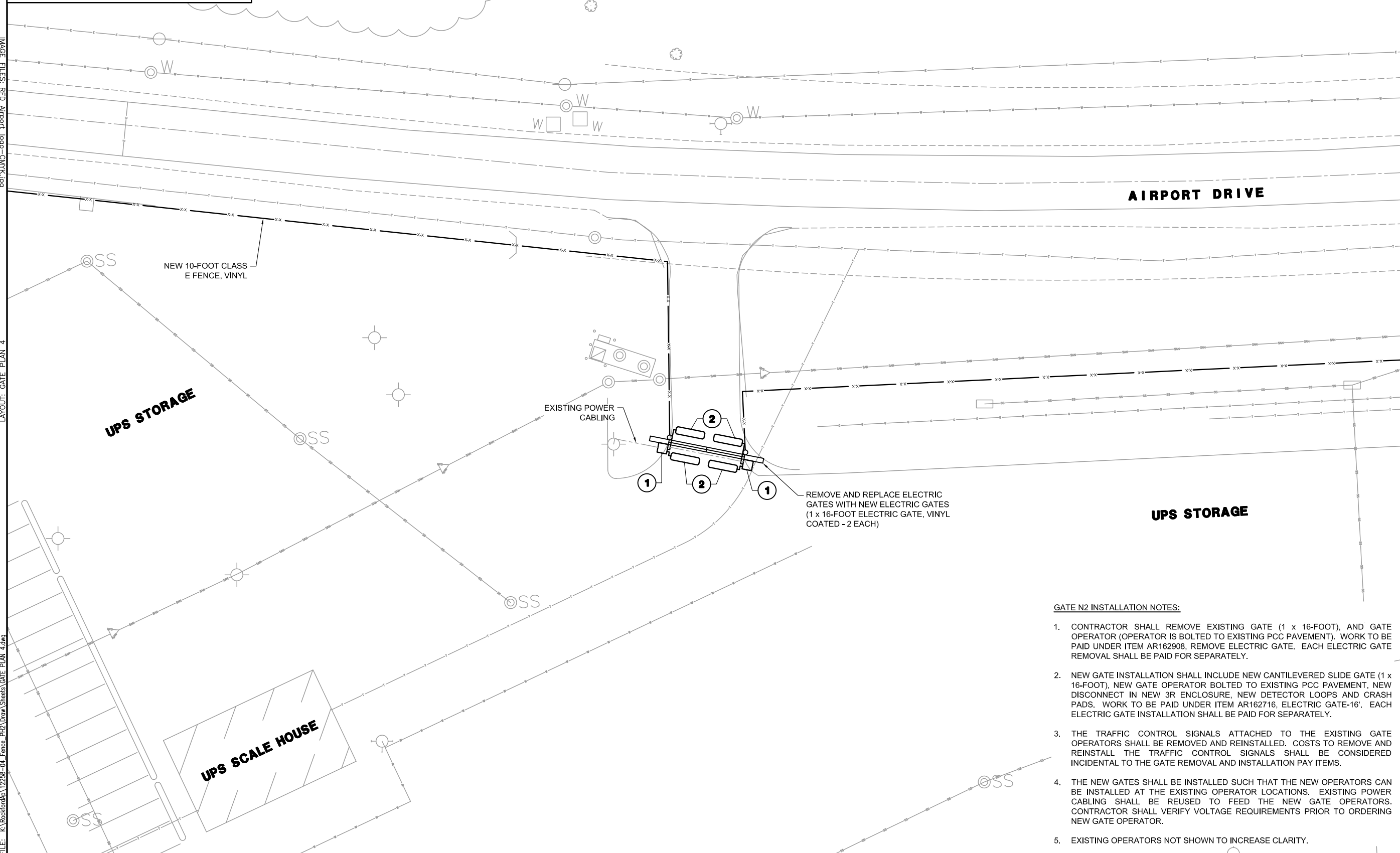
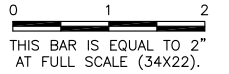


- ① GATE OPERATOR (BOLTED TO EXISTING PCC PAVEMENT) - HY-SECURITY MODEL 222EX HEAVY DUTY SLIDE GATE OPERATOR OR EQUAL
- ② DETECTOR LOOP (SAFETY ONLY)

I.L. CONTRACT: **RO023**
 I.L. LETTING ITEM: **20A**
 I.L. PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE



GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL
REPLACE PERIMETER FENCE, PHASES 1 AND 2
GATE PLAN 4 - GATE N2

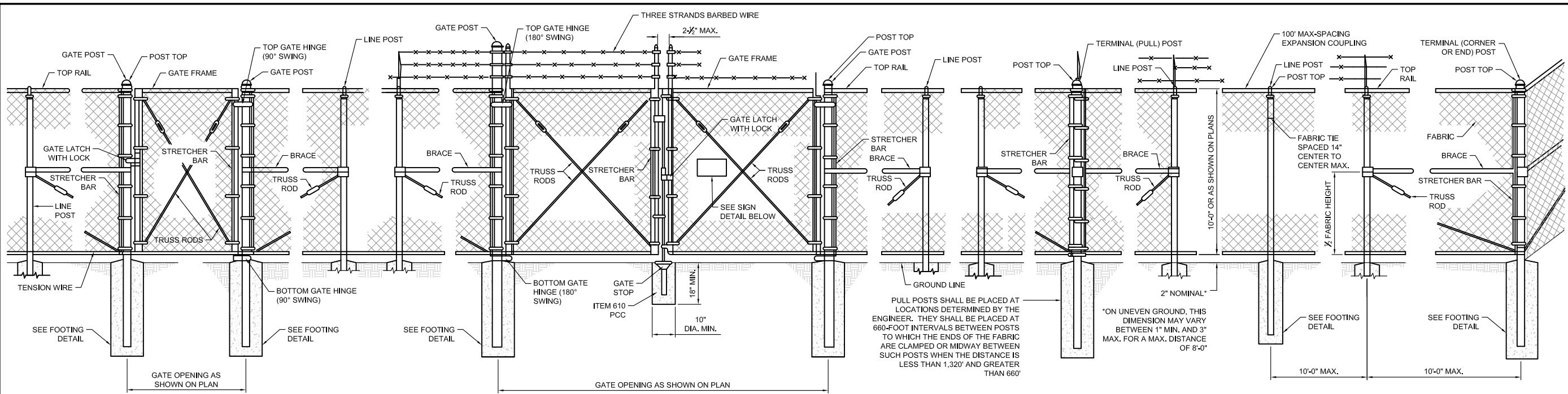
GATE N2 INSTALLATION NOTES:

1. CONTRACTOR SHALL REMOVE EXISTING GATE (1 x 16-FOOT), AND GATE OPERATOR (OPERATOR IS BOLTED TO EXISTING PCC PAVEMENT). WORK TO BE PAID UNDER ITEM AR162908, REMOVE ELECTRIC GATE. EACH ELECTRIC GATE REMOVAL SHALL BE PAID FOR SEPARATELY.
2. NEW GATE INSTALLATION SHALL INCLUDE NEW CANTILEVERED SLIDE GATE (1 x 16-FOOT), NEW GATE OPERATOR BOLTED TO EXISTING PCC PAVEMENT, NEW DISCONNECT IN NEW 3R ENCLOSURE, NEW DETECTOR LOOPS AND CRASH PADS. WORK TO BE PAID UNDER ITEM AR162716, ELECTRIC GATE-16'. EACH ELECTRIC GATE INSTALLATION SHALL BE PAID FOR SEPARATELY.
3. THE TRAFFIC CONTROL SIGNALS ATTACHED TO THE EXISTING GATE OPERATORS SHALL BE REMOVED AND REINSTALLED. COSTS TO REMOVE AND REINSTALL THE TRAFFIC CONTROL SIGNALS SHALL BE CONSIDERED INCIDENTAL TO THE GATE REMOVAL AND INSTALLATION PAY ITEMS.
4. THE NEW GATES SHALL BE INSTALLED SUCH THAT THE NEW OPERATORS CAN BE INSTALLED AT THE EXISTING OPERATOR LOCATIONS. EXISTING POWER CABLING SHALL BE REUSED TO FEED THE NEW GATE OPERATORS. CONTRACTOR SHALL VERIFY VOLTAGE REQUIREMENTS PRIOR TO ORDERING NEW GATE OPERATOR.
5. EXISTING OPERATORS NOT SHOWN TO INCREASE CLARITY.

© Copyright CMT, Inc.
CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06
FINAL	
SHEET 42 OF 49 SHEETS	

DATE: Wednesday, April 24, 2013 4:17:42 PM
 FILE: K:\Rockford\12258-04_Fence-PR2\Draw\Signs\Fence Details 1.dwg
 UPDATE BY: Sean Smith
 LAYOUT: FENCE DETAILS 1
 XREF DWG: 10-DWG
 6d911c1b-031c-4611-8031-56d11c1b031c



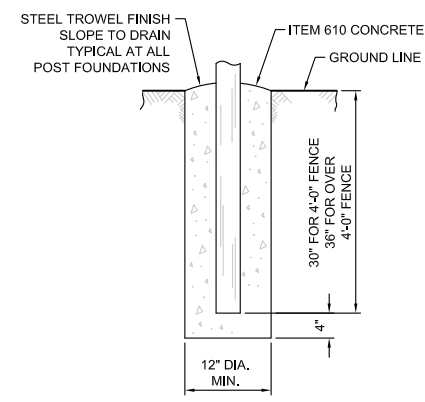
PEDESTRIAN GATE ARRANGEMENT

VEHICLE GATE ARRANGEMENT

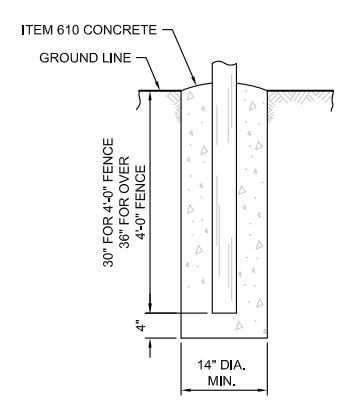
PULL POST ARRANGEMENT

LINE POST ARRANGEMENT

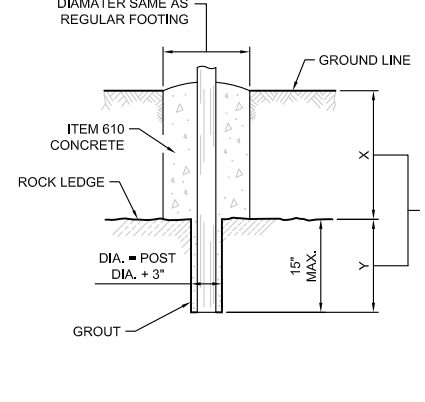
CORNER OR END POST ARRANGEMENT



FOOTING FOR LINE POST

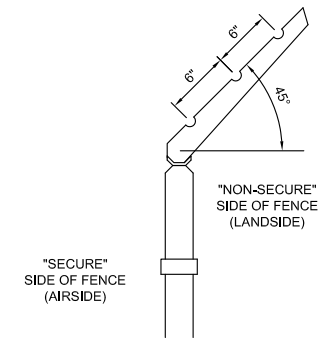


FOOTING FOR GATE & TERMINAL POST

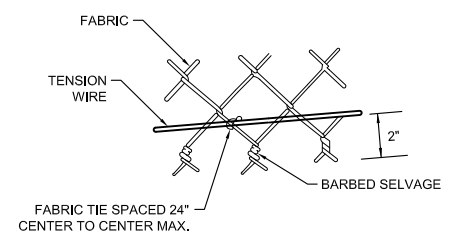


FOOTING FOR POST IN ROCK LEDGE

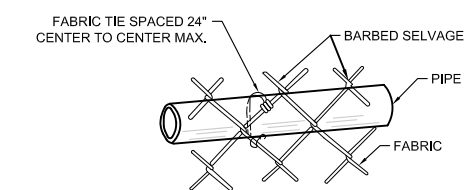
X + Y SHALL NOT EXCEED 36 INCHES. WHEN X IS 21 INCHES, THEN Y = 15 INCHES AND THE POST SHALL BE SHORTENED AS REQUIRED. WHEN X EXCEEDS 21 INCHES, THEN Y SHALL BE DECREASED CORRESPONDINGLY.



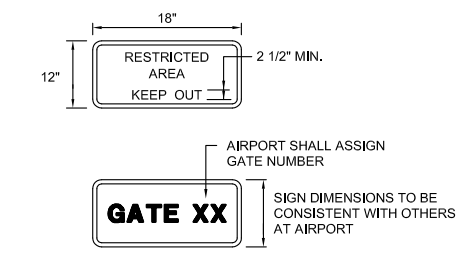
DETAIL - BARBED WIRE ARM ON LINE POST



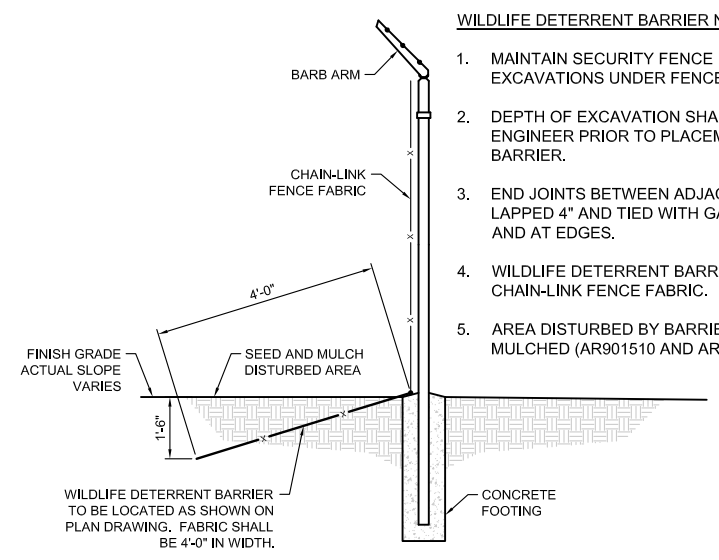
METHOD OF TYING FABRIC TO TENSION WIRE



METHOD OF TYING FABRIC TO PIPE



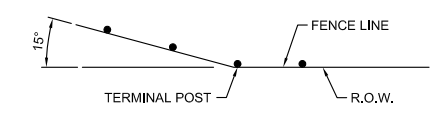
SIGN DETAILS



WILDLIFE DETERRENT BARRIER

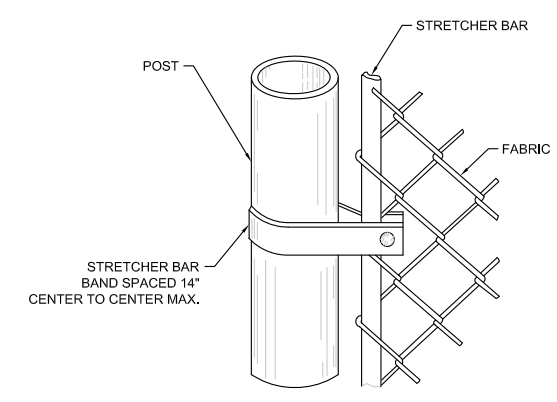
WILDLIFE DETERRENT BARRIER NOTES:

1. MAINTAIN SECURITY FENCE INTEGRITY AT ALL TIMES. DO NOT LEAVE EXCAVATIONS UNDER FENCE FABRIC WHICH WOULD PERMIT ACCESS.
2. DEPTH OF EXCAVATION SHALL BE INSPECTED AND APPROVED BY THE ENGINEER PRIOR TO PLACEMENT OF THE WILDLIFE DETERRENT BARRIER.
3. END JOINTS BETWEEN ADJACENT SECTIONS OF WIRE FABRIC MUST BE LAPPED 4" AND TIED WITH GALVANIZED WIRE TIES AT 2'-0" ON CENTER AND AT EDGES.
4. WILDLIFE DETERRENT BARRIER SHALL BE THE SAME AS THE CHAIN-LINK FENCE FABRIC.
5. AREA DISTURBED BY BARRIER INSTALLATION SHALL BE SEEDED AND MULCHED (AR901510 AND AR908510)



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

INSTALLATION AT CORNERS

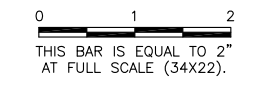


METHOD OF FASTENING STRETCHER BAR TO POST

I.L. CONTRACT: **RO023**
 I.L. LETTING ITEM: **20A**
 I.L. PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE



GREATER ROCKFORD AIRPORT AUTHORITY
 CHICAGO ROCKFORD INTERNATIONAL AIRPORT
 ROCKFORD, IL

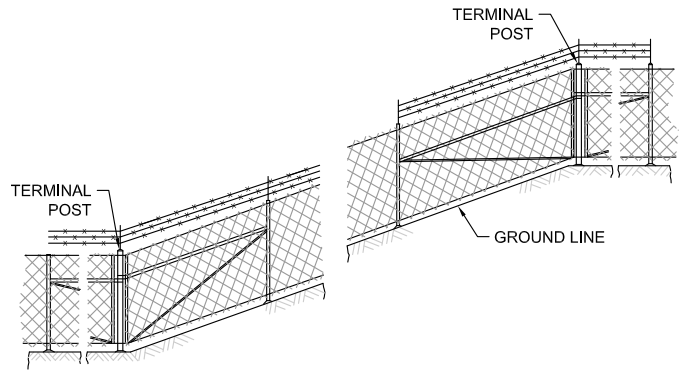
REPLACE PERIMETER FENCE, PHASES 1 AND 2
 FENCING DETAILS SHEET 1

© Copyright CMT, Inc.
CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

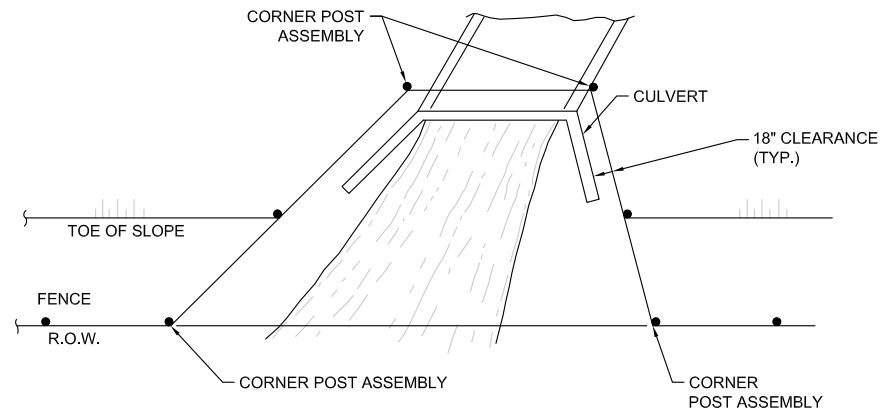
DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

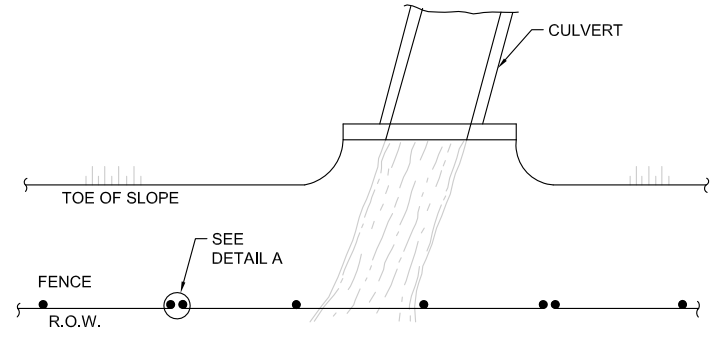
DATE: Wednesday, April 24, 2013 4:18:02 PM
 FILE: K:\Rockford\12258-04_Fence-PR2\Draw\Sheet\FENCE DETAILS 2.dwg
 UPDATE BY: Sean Smith
 LAYOUT: FENCE DETAILS 2
 REF: DWG: 12258-04-FENCE-PR2
 IMAGE FILES: RFD Airport logo-CMKX.jpg
 6x9x11.dwg



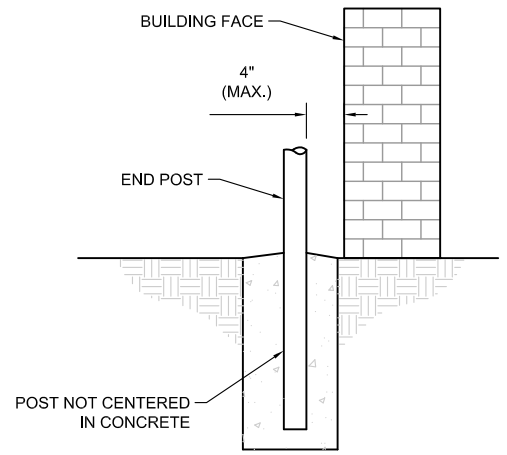
INSTALLATION ON SLOPES



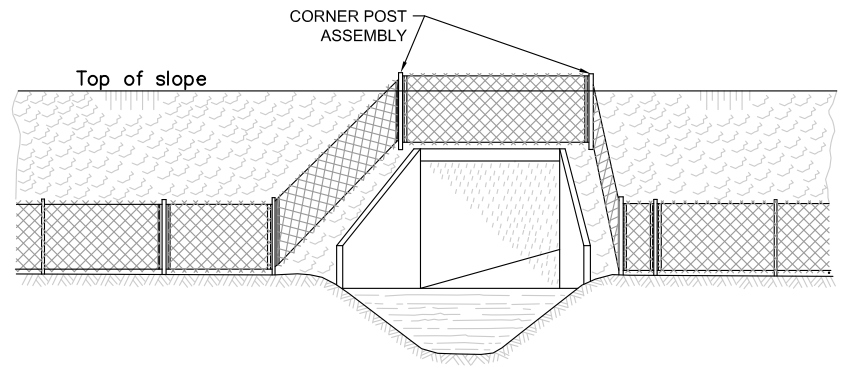
PLAN AT HEADWALL



PLAN AT STREAM CROSSING

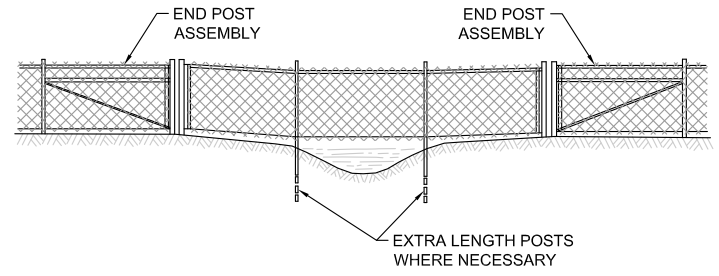


FENCE INSTALLATION AT BUILDING FACE



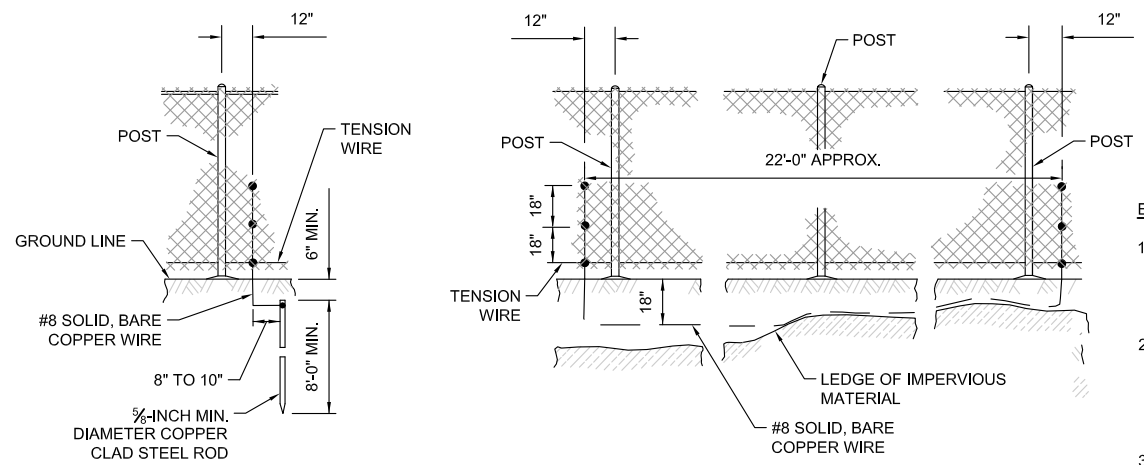
ELEVATION INSTALLATION AROUND HEADWALL

WHEN THE WIDTH OF THE CULVERT MAKES IT NECESSARY TO ANCHOR A POST TO THE TOP OF THE CULVERT, A CAST IRON SHOE OR OTHER DEVICE APPROVED BY THE ENGINEER SHALL BE USED.



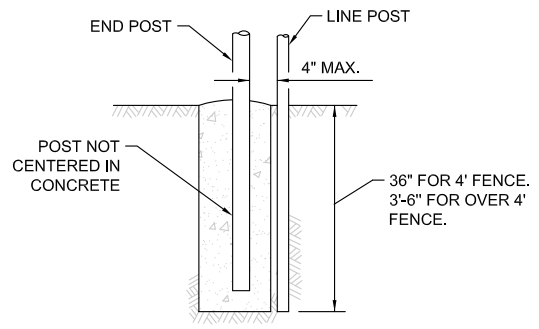
ELEVATION INSTALLATION OVER STREAM

THE CHAIN LINK FABRIC SHALL BE REPLACED BY BARBED WIRE STRANDS AT 12-INCH MAXIMUM CENTERS BETWEEN THE DOUBLE POSTS SHOWN ON DETAIL A WHEN SHOWN ON THE PLANS.



PROTECTIVE ELECTRICAL GROUNDS

- ELECTRICAL GROUNDING NOTES:**
- CONTINUOUS FENCE SHALL BE GROUNDED AT INTERVALS NOT EXCEEDING 1000' EXCEPT THERE SHALL BE A GROUND NOT EXCEEDING 100 FT. FROM A GATE IN EACH SECTION OF THE FENCE ADJACENT TO THE GATE.
 - FENCE UNDER POWER LINE SHALL BE GROUNDED BY THREE GROUNDS, ONE DIRECTLY UNDER THE CROSSING AND ONE ON EACH SIDE 25 TO 50 FT. AWAY. A SINGLE GROUND SHALL BE LOCATED DIRECTLY UNDER EACH TELEPHONE WIRE OR CABLE CROSSING.
 - THE COUNTERPOISE SHALL BE USED ONLY WHERE IT IS IMPOSSIBLE TO DRIVE A GROUND ROD BECAUSE OF AN IMPERVIOUS EARTH STRUCTURES.
 - THE GROUND WIRE SHALL BE CONNECTED TO THE FABRIC AND THE GROUND ROD BY A MECHANICAL CLAMP OF CAST BRONZE BODY AND BRONZE OR STAINLESS STEEL BOLTS AND WASHERS. WHEN A TENSION WIRE IS REQUIRED, THE BOTTOM CONNECTION OF THE GROUND WIRE SHALL BE MADE TO THE TENSION WIRE.

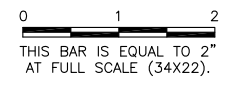


DETAIL A

I.L. CONTRACT: **RO023**
 I.L. LETTING ITEM: **20A**
 I.L. PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE



GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL

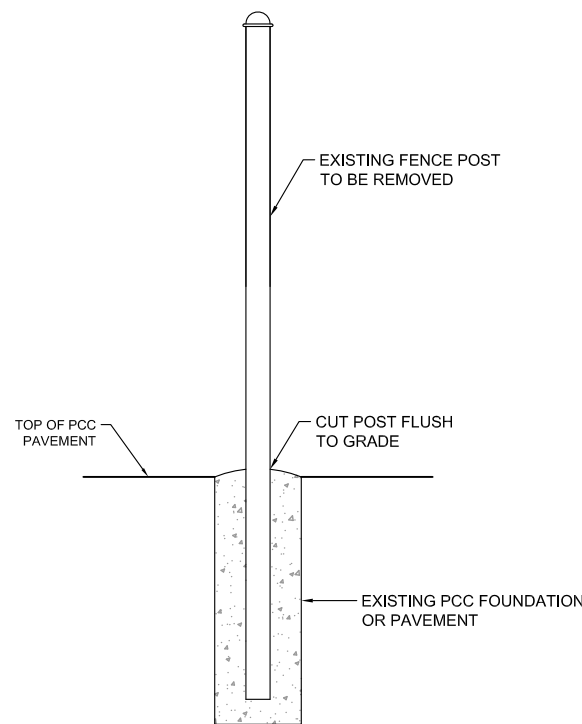
REPLACE PERIMETER FENCE, PHASES 1 AND 2
FENCING DETAILS SHEET 2

© Copyright CMT, Inc.
CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613

DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

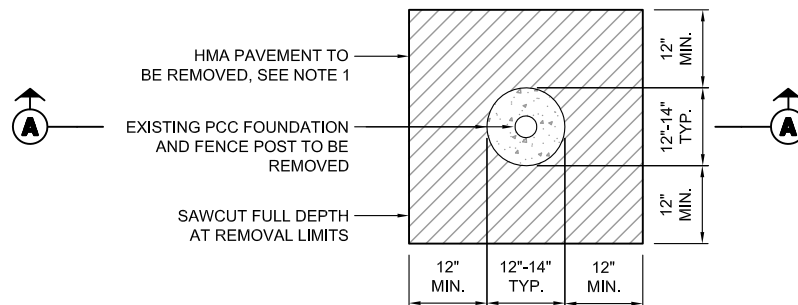
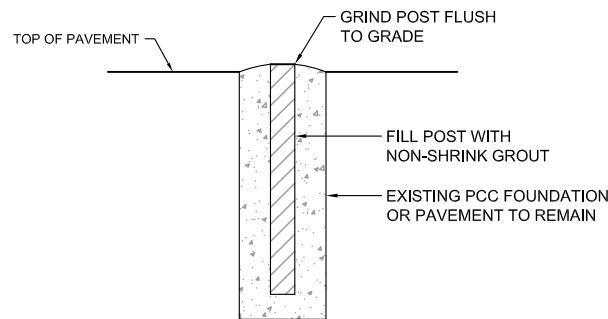
DATE: Wednesday, April 24, 2013 4:18:31 PM
 FILE: K:\Rockford\12258-04_Fence_Pkg\Draw\Sheet\FENCE DETAILS 3.dwg
 UPDATE BY: Sean Smith
 LAYOUT: FENCE DETAILS 3
 6d:\p1\110103 6d:\p1\110103 IMAGE FILES RFD Airport 1000-CMKX.jpg 6d:\p1\110103 REF DWG: 10.dwg



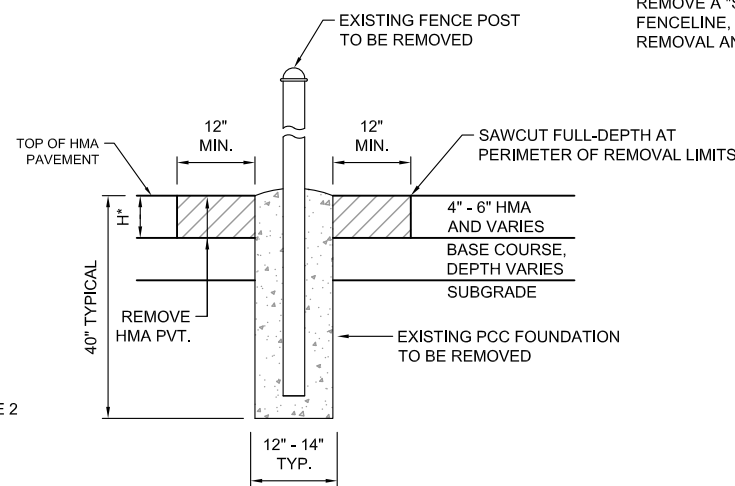
FENCE POST REMOVAL IN PCC PAVEMENT

NOTES:

- COSTS OF CUTTING AND DISPOSING OF POSTS, FILLING REMAINING POST WITH NON-SHRINK GROUT AND GRINDING POST REMNANTS FLUSH TO GRADE, SHALL BE CONSIDERED INCIDENTAL TO AR162900, REMOVE CLASS E FENCE.
- NEW FENCE POSTS SHALL BE OFFSET A MINIMUM OF 2-FEET FROM EXISTING POST LOCATIONS TO AVOID CONFLICT WITH EXISTING FOUNDATIONS TO REMAIN.



PLAN



SECTION A-A

FENCE POST REMOVAL IN HMA PAVEMENT

NOTES:

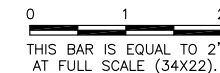
- HMA PAVEMENT TO BE REMOVED FULL DEPTH
- BASE COURSE AND/OR SUBGRADE TO BE REMOVED SUCH THAT THE DEPTH "H" IS A MINIMUM OF 6 INCHES.
- NEW FENCE SHALL REUSE EXISTING POST HOLES. SEE DETAIL FOR NEW FENCE POST FOUNDATION IN EXISTING HMA PAVEMENT.
- COSTS OF PAVEMENT AND FOUNDATION REMOVAL, SAW CUTTING, CLEANUP AND DISPOSAL, SHALL BE CONSIDERED INCIDENTAL TO AR162900, REMOVE CLASS E FENCE.
- AT THE CONTRACTOR'S OPTION AND AT NO ADDITIONAL COST TO THE CONTRACT, THE CONTRACTOR MAY REMOVE A "STRIP" OF ASPHALT PAVEMENT ALONG THE FENCELINE, TO BE REPLACED IN KIND AFTER FENCELINE REMOVAL AND REPLACEMENT.

IL CONTRACT: **RO023**
 IL LETTING ITEM: **20A**
 IL PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

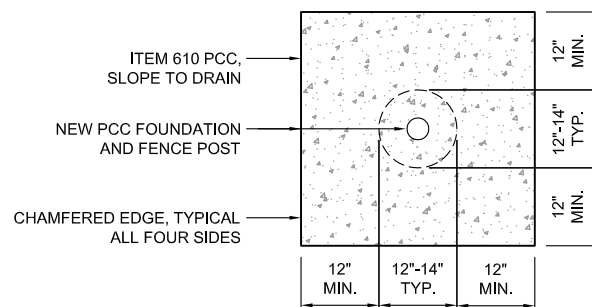
REVISIONS

NUMBER	BY	DATE

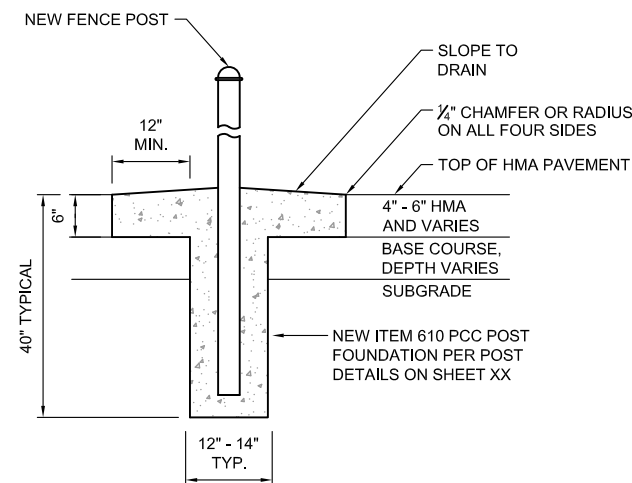


GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2
FENCING DETAILS SHEET 3



PLAN



SECTION A-A

NEW FENCE POST FOUNDATION IN EXISTING HMA PAVEMENT

NOTES:

- NEW FENCE POSTS SHALL BE LOCATED AT THE LOCATION OF REMOVED POSTS.
- EXISTING POST HOLES SHALL BE AUGURED CLEAN AFTER REMOVAL OF THE EXISTING FOUNDATION.
- THE TOP OF THE NEW FOUNDATION SHALL BE SLOPED TO DRAIN, TROWELED AND BROOMED.
- THE EDGES OF THE NEW FOUNDATION SHALL BE CHAMFERED WITH A MINIMUM 1/2" EDGER.
- THE COSTS ASSOCIATED WITH INSTALLATION OF NEW FENCE POSTS IN EXISTING HMA PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO ITEM AR162410, CLASS E FENCE, VINYL-10' OR ITEM AR162510, CLASS E FENCE 10'.

© Copyright CMT, Inc.

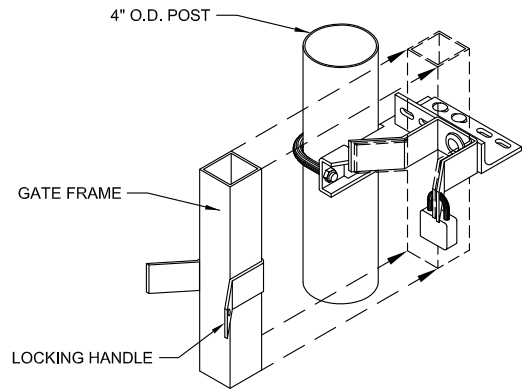
CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 License No. 184-000613



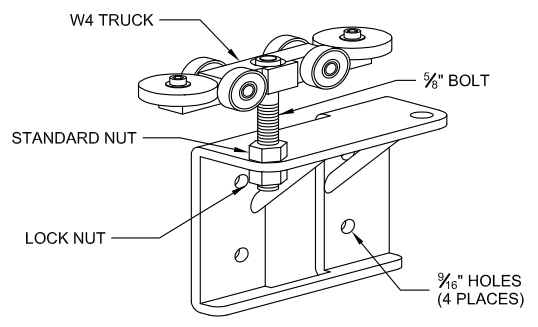
DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

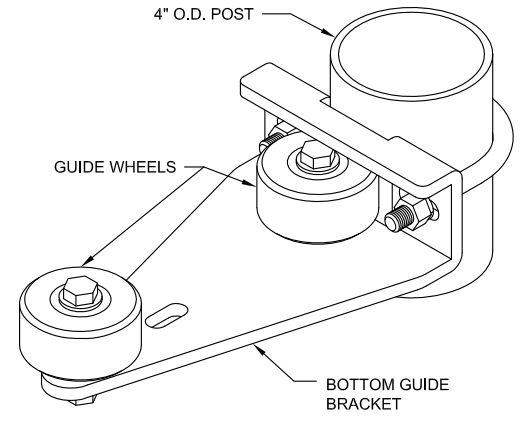
DATE: Wednesday, April 24, 2013 4:18:55 PM
 FILE: K:\Rockford\12258-04_Fence-Pkg\Draw\Sheet\GATE DETAILS.dwg
 UPDATE BY: Sean Smith
 LAYOUT: GATE DETAILS
 KREF-DWG: 1b.dwg
 6mfw:dwg
 IMAGE FILES: Warning Signs.dwg
 6df:dwg



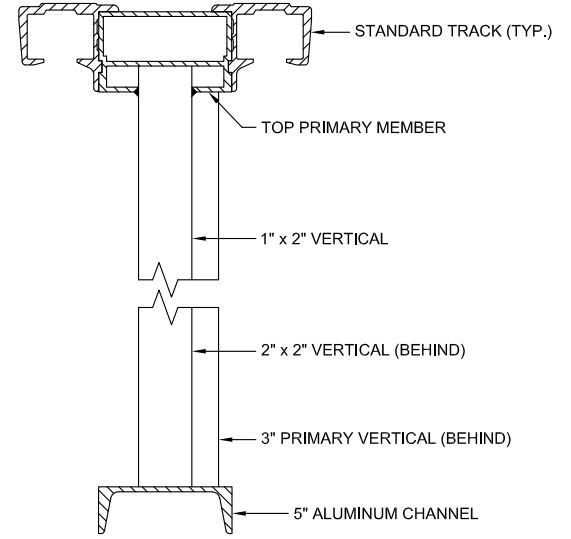
CATCH ASSEMBLY DETAIL
N.T.S.



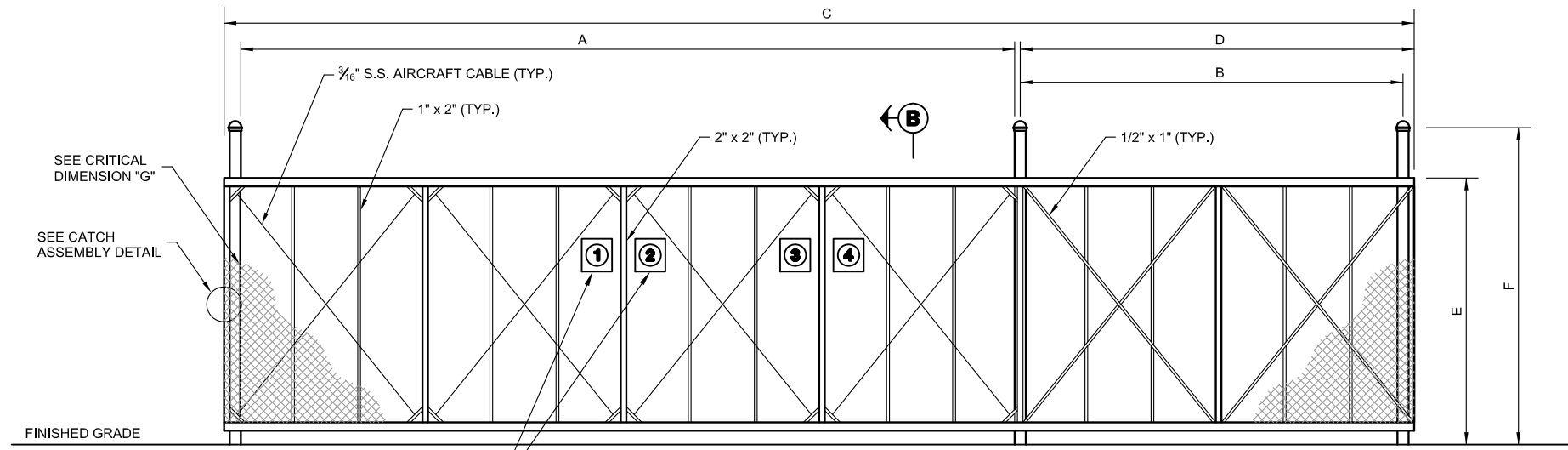
GATE HANGER ASSEMBLY
N.T.S.



STANDARD BOTTOM GUIDE ASSEMBLY
N.T.S.



GATE FRAME SECTION
N.T.S.



ELEVATION
CANTILEVER SLIDE GATE
N.T.S.

LOCATIONS, DETAILS AND CHARACTER OF EQUIPMENT SHOWN ON THIS SHEET ARE GENERIC. EQUIPMENT LOCATIONS SHALL BE AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER.

CRITICAL DIMENSIONS					
A	CLEAR OPENING	16'-0"	24'-0"	28'-0"	30'-0"
B	COUNTER BALANCE POST SPACING, CENTER TO CENTER	7'-1"	11'-1"	13'-1"	14'-1"
C	OVERALL GATE LENGTH	24'-0"	36'-0"	42'-0"	45'-0"
D	COUNTERBALANCE LENGTH	8'-0"	12'-0"	14'-0"	15'-0"
E	NOMINAL GATE HEIGHT	10'-0"	10'-0"	10'-0"	10'-0"
F	POST HEIGHT	11'-6"	11'-6"	11'-6"	11'-6"
G	FABRIC HEIGHT	9'-0"	9'-0"	9'-0"	9'-0"

MANUAL SLIDE GATE NOTES:

- CANTILEVERED GATE SHALL BE SUFFICIENTLY RIGID TO WITHSTAND FLEXING OR BENDING DURING WINDY CONDITIONS. CONTRACTOR SHALL PROVIDE STIFFENERS, STRUCTURAL SHAPES IN EXCESS OF THE MINIMUM SPECIFIED DIMENSIONS OR ADDITIONAL ROLLERS AND POSTS SUFFICIENT TO PREVENT DISPLACEMENT OF THE GATE BY WIND OR BY UNAUTHORIZED PERSONNEL.
- CONTRACTOR SHALL PROVIDE AND INSTALL GATE AS A COMPLETE WORKING UNIT. THE GATE WORK SHALL INCLUDE, BUT NOT BE LIMITED TO: GATE, POSTS, AND ALL CONNECTIONS, SIGNS, LABOR AND MATERIALS NECESSARY FOR COMPLETE OPERATION.
- THE FABRIC TYPE & FINISH OF THE GATE SHALL MATCH THE PROPOSED FENCE OR BE AS DIRECTED BY THE ENGINEER.
- ALL SLIDING GATES SHALL HAVE ALL ROLLERS ENCLOSED IN STEEL OR PLASTIC SHROUDS TO PREVENT ACCIDENTAL INJURY.
- 3 STRANDS OF BARBED WIRE ON TOP OF GATE NOT SHOWN TO IMPROVE CLARITY.
- SEE FENCING DETAILS SHEET 1 FOR SIGN DETAILS.

ELECTRIC SLIDE GATE NOTES (SEE ALSO ELECTRIC GATE DETAILS SHEET):

- IN ADDITION TO THE REQUIREMENTS FOR THE MANUAL SLIDE GATES, ELECTRIC GATES SHALL ALSO INCLUDE, BUT NOT BE LIMITED TO: GATE OPERATOR, CARD READER AND POWER CABLES, CONDUIT, TRENCHING, CIRCUIT BREAKERS, AND ALL CONNECTIONS, LABOR AND MATERIALS NECESSARY TO COMPLETE OPERATION.
- LOCATION OF THE GATE OPERATOR SHALL BE AS RECOMMENDED BY THE MANUFACTURER.
- PIPE BOLLARDS SHALL BE INSTALLED AT THE LOCATIONS SHOWN IN PLAN VIEW.

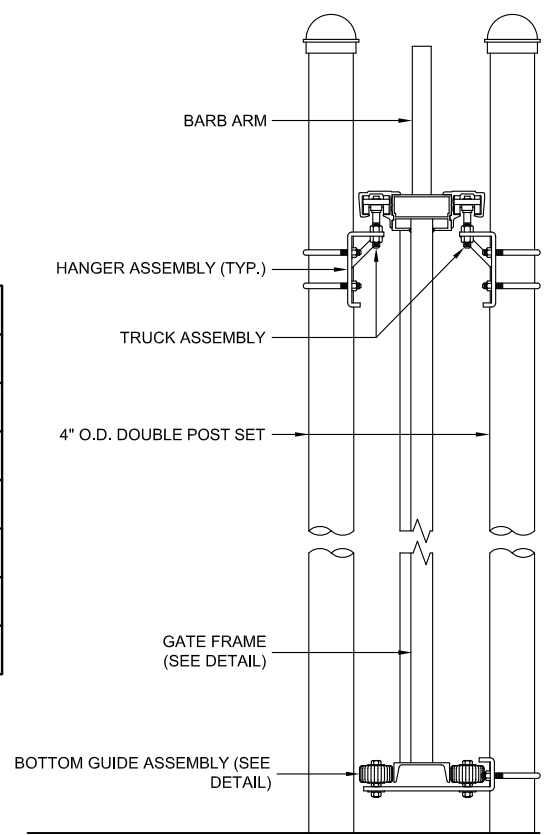


WARNING SIGN DETAIL

UL 235 COMPLIANCE NOTES

GATE INSTALLATION SHALL COMPLY WITH ALL REQUIREMENTS OF UL 235, INCLUDING, BUT NOT LIMITED TO:

- ALL OPENINGS OF THE SLIDE GATE ARE GUARDED OR SCREENED FROM THE BOTTOM OF THE GATE TO A MINIMUM OF 4 FEET ABOVE GROUND TO PREVENT A 2-1/4" DIAMETER SPHERE FROM PASSING THROUGH THE OPENINGS ANYWHERE IN THE GATE, AND IN THAT PORTION OF THE ADJACENT FENCE THAT THE GATE COVERS IN THE OPEN POSITION.
- ALL EXPOSED PINCH POINTS ARE ELIMINATED OR GUARDED AND GUARDING IS SUPPLIED FOR ALL EXPOSED ROLLERS.
- A WARNING SIGN (SEE DETAIL, THIS SHEET) MUST BE AFFIXED TO BOTH SIDES OF THE SLIDE GATE, BOTH MANUAL AND ELECTRIC.
- FOR ADDITIONAL UL 235 REQUIREMENTS FOR THIS GATE INSTALLATION, SEE ELECTRIC GATE DETAILS SHEET.



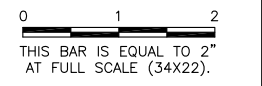
NOTE:
EXTRUSIONS SHALL BE OVERSIZED FOR EXTRA RIGIDITY OVER "STANDARD" GATE DESIGN.

SECTION B-B
(TYPICAL ALL GATES)

IL CONTRACT: **RO023**
IL LETTING ITEM: **20A**
IL PROJECT: **RFD-4289**
A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

REVISIONS		
NUMBER	BY	DATE



GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL
REPLACE PERIMETER FENCE, PHASES 1 AND 2
CANTILEVER GATE DETAILS

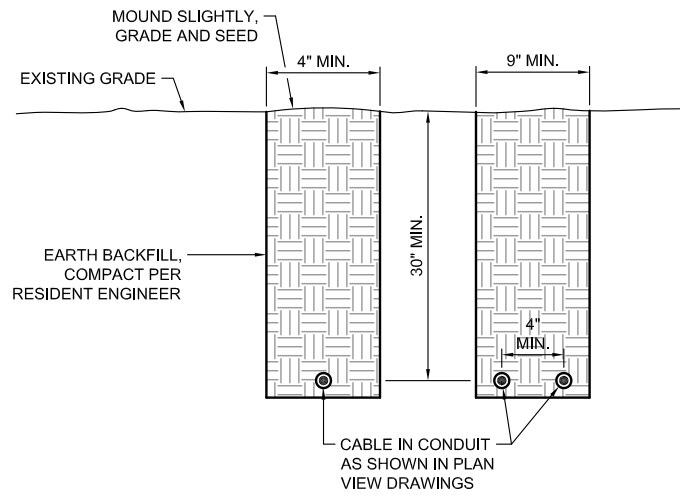
© Copyright CMT, Inc.

CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL

DATE: Wednesday, April 24, 2013 4:20:33 PM
 FILE: K:\Rockford\12258-04_Fence-PFR\Draw\Sheet\MISC-DETAILS.dwg
 UPDATE BY: Sean Smith
 LAYOUT: MISC-DETAILS
 6/10/13:03
 KRF-DMG: bpdwg
 6/10/13:03
 IMAGE FILES: RFD Airport Logo-CMKX.jpg

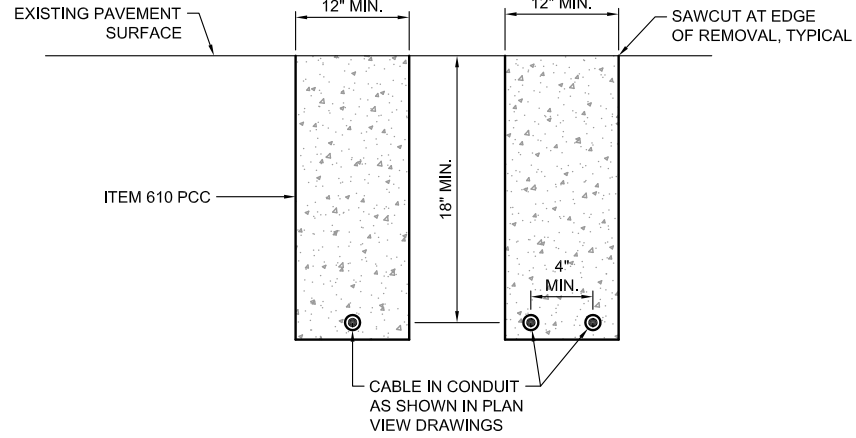


NOTES

- TRENCHES WITH MORE THAN 2 CABLES SHALL BE INCREASED 3" IN WIDTH FOR EACH ADDITIONAL CABLE. IF SPECIFIED ON PLANS, TWO PARALLEL TRENCHES MAY BE CONSTRUCTED.
- DEPTH OF TRENCHES SHALL BE AS SHOWN UNLESS OTHERWISE SPECIFIED ON THE PLANS.
- SAND BACKFILL SHALL BE USED IF THE EXISTING SOIL DOES NOT MEET THE BACKFILL REQUIREMENTS.
- ALL DISTURBED SURFACES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION. COST FOR RESTORATION IS INCIDENTAL.

TRENCH IN TURF DETAIL

N.T.S.

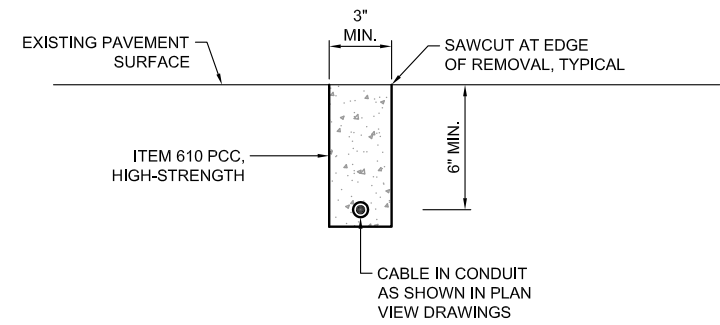


NOTES

- TRENCHES WITH MORE THAN 2 CABLES SHALL BE INCREASED 3" IN WIDTH FOR EACH ADDITIONAL CABLE.
- DEPTH OF TRENCHES SHALL BE AS SHOWN UNLESS OTHERWISE SPECIFIED ON THE PLANS.
- TRENCH SHALL BE BACKFILLED TO THE TOP OF PAVEMENT, TROWEL FINISHED TO MATCH EXISTING GRADE AND TEXTURED BY BROOMING.
- PAVEMENT SAWING AND REMOVAL, EXCAVATION AND DISPOSAL OF WASTE MATERIALS SHALL BE CONSIDERED INCIDENTAL TO THE ITEM REQUIRING THE CABLE INSTALLATION.

TRENCH IN PAVEMENT DETAIL

N.T.S.



NOTES

- SAW KERFS SHALL NOT BE USED FOR MULTIPLE CONDUITS.
- SAW KERF SHALL BE BACKFILLED TO TOP OF EXISTING PAVEMENT WITH A HIGH-STRENGTH CONCRETE MIXTURE PRE-APPROVED BY THE ENGINEER.
- TRENCH SHALL BE BACKFILLED TO THE TOP OF PAVEMENT, TROWEL FINISHED TO MATCH EXISTING GRADE AND TEXTURED BY BROOMING. JOINTS IN THE EXISTING PAVEMENT SHALL BE SAWN THROUGH THE KERF AND SEALED WITH MATERIAL MEETING THE SPECIAL PROVISIONS FOR ITEM 605.
- PAVEMENT SAWING AND REMOVAL AND DISPOSAL OF WASTE MATERIALS SHALL BE CONSIDERED INCIDENTAL TO THE ITEM REQUIRING THE CABLE INSTALLATION.

SAW KERF TRENCH DETAIL

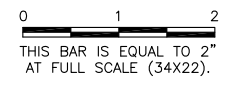
N.T.S.

I.L. CONTRACT: **RO023**
 I.L. LETTING ITEM: **20A**
 I.L. PROJECT: **RFD-4289**
 A.I.P. PROJECT: **3-17-0088-XX**

SURVEY BOOK # 12258-04-00

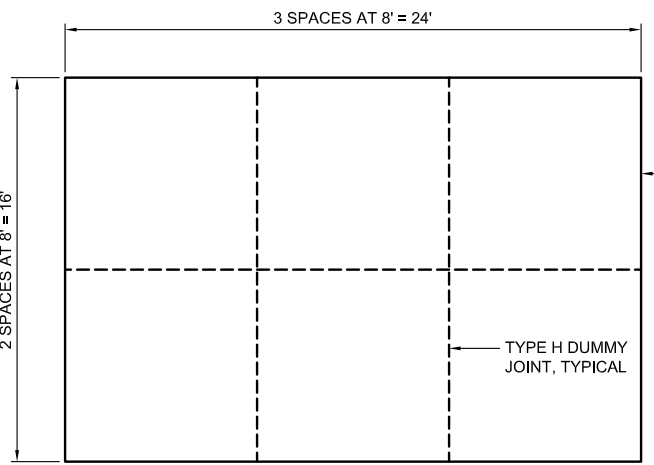
REVISIONS

NUMBER	BY	DATE



GREATER ROCKFORD AIRPORT AUTHORITY
CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, IL

REPLACE PERIMETER FENCE, PHASES 1 AND 2
MISCELLANEOUS DETAILS

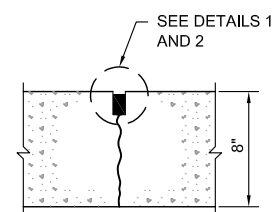


PLAN VIEW

N.T.S.

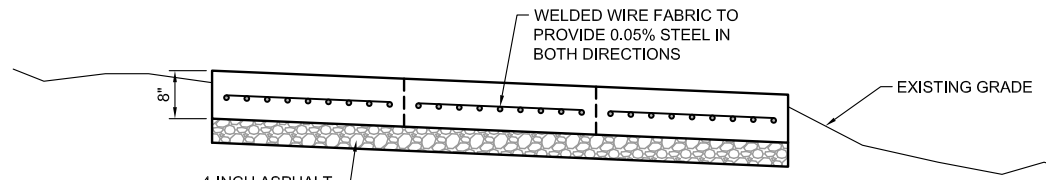
CONCRETE ENTRANCE PAD NOTES:

- CONCRETE ENTRANCE PAD SHALL BE A MINIMUM OF 8-INCHES THICK, SLOPED TO DRAIN.
- ITEM 610 PCC SHALL BE PRE-APPROVED FOR USE BY THE ENGINEER.
- INITIAL SAW CUT SHALL BE COMPLETED AS SOON AS POSSIBLE, WITH MINIMAL RAVELING..
- EXCAVATION FOR THE CONCRETE ENTRANCE PAD SHALL BE APPROVED BY THE RESIDENT ENGINEER PRIOR TO PCC PLACEMENT. EXCAVATION AND DISPOSAL OF WASTE SOILS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- A LAYER OF ASPHALT MILLINGS, 4-INCH THICK, SHALL BE PLACED AND COMPACTED PRIOR TO CONCRETE PLACEMENT. MILLINGS SHALL BE MADE AVAILABLE TO THE CONTRACTOR FROM AN ONSITE STOCKPILE, INCIDENTAL TO THE CONTRACT.
- WELDED WIRE FABRIC SHALL BE PLACED 1-INCH BELOW MID-DEPTH OF THE FINISHED SURFACE AND SHALL PROVIDE A MINIMUM OF 0.05% AREA STEEL IN BOTH DIRECTIONS. MAINTAIN 3-INCH CLEARANCE FROM JOINTS AND FACES OF SLAB.
- SEE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS.



TYPE H DUMMY

SYMBOL - - - - -

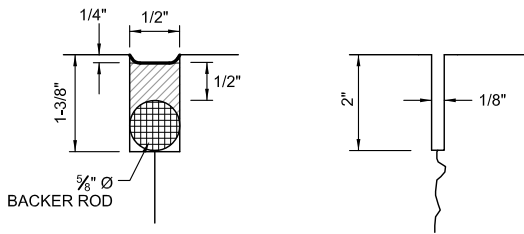


SECTION A-A

N.T.S.

CONCRETE ENTRANCE PAD DETAIL

N.T.S.



DETAIL 1 FINISHED JOINT

DETAIL 2 INITIAL SAWCUT

© Copyright CMT, Inc.



DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	SMS
APPROVED BY:	DLP
DATE:	04/19/2013
JOB No:	12258-04-00/06

FINAL