

LETTING ITEM NO: 09A  
LETTING DATE: 07/31/2020

DI031  
TOTAL SHEETS = 11

# DIXON MUNICIPAL AIRPORT CHARLES R. WALGREEN FIELD DIXON, ILLINOIS

## CONSTRUCTION PLANS FOR DIXON MUNICIPAL AIRPORT

INSTALL PERIMETER FENCE, PHASE 1 AND 2

ILLINOIS PROJECT: C73-4758  
SBGP PROJECT: 3-17-SBGP-133/139

JUNE 5, 2020

**INDEX TO SHEETS**

1. COVER SHEET
2. SITE PLAN/PROJECT CONTROL
3. SEQUENCE OF CONSTRUCTION PER AC 150/5370-2F (LATEST EDITION)
4. SEQUENCE OF CONSTRUCTION GENERAL NOTES AND DETAILS
5. FENCING PLAN - 1
6. FENCING PLAN - 2
7. FENCING PLAN - 3
8. FENCING PLAN - 4
9. GATE DETAILS
10. FENCING DETAILS - 1
11. FENCING DETAILS - 2



*D. Kyle Peabody*  
6-5-20  
EXPIRES 11-30-21

SUMMARY OF QUANTITIES				
ITEM	DESCRIPTION	UNIT	ESTIMATED QUANTITY	RECORD QUANTITY
<b>BASE BID</b>				
AR150510	ENGINEER'S FIELD OFFICE	LS	1	
AR151455	CLEARING AND GRUBBING	LS	1	
AR162506	CLASS E FENCE 6'	LF	3,860	
AR162530	WALKWAY GATES, CLASS E (5')	EACH	4	
AR162620	CLASS E GATE - 20'	EACH	1	
AR162624	CLASS E GATE - 24'	EACH	3	
AR161900	REMOVE CLASS C FENCE	LF	1,560	
AR162900	REMOVE CLASS E FENCE	LF	1,220	
AR162905	REMOVE GATE	EACH	5	
AR162920	REMOVE MANUAL SLIDE GATE	EACH	1	
AR901510	SEEDING	ACRE	1.7	
AR908510	MULCHING	ACRE	1.7	
<b>ADDITIVE ALTERNATIVE NO 1: NEW BITUMINOUS ACCESS DRIVE</b>				
AS152410	UNCLASSIFIED EXCAVATION	CY	110	
AS152540	SOIL STABILIZATION FABRIC	SY	320	
AS208515	POROUS GRANULAR EMBANKMENT	CY	40	
AS209608	CRUSHED AGGREGATE BASE COURSE - 8"	SY	320	
AS401610	BITUMINOUS SURFACE COURSE	TON	72	
AS901510	SEEDING	ACRE	0.15	
AS908510	MULCHING	ACRE	0.15	

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SUBMITTED BY *D. Kyle Peabody*  
D. KYLE PEABODY, P.E.

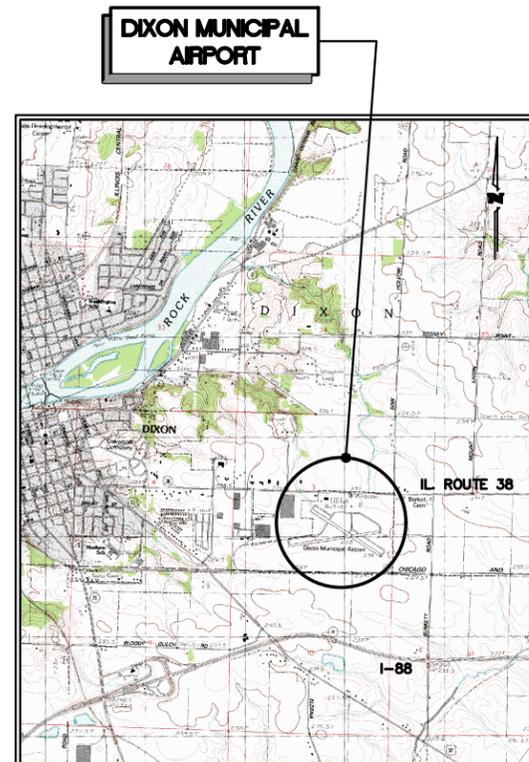
DATE JUNE 5, 2020

**811** Know what's below. Call before you dig. www.illinois1call.com

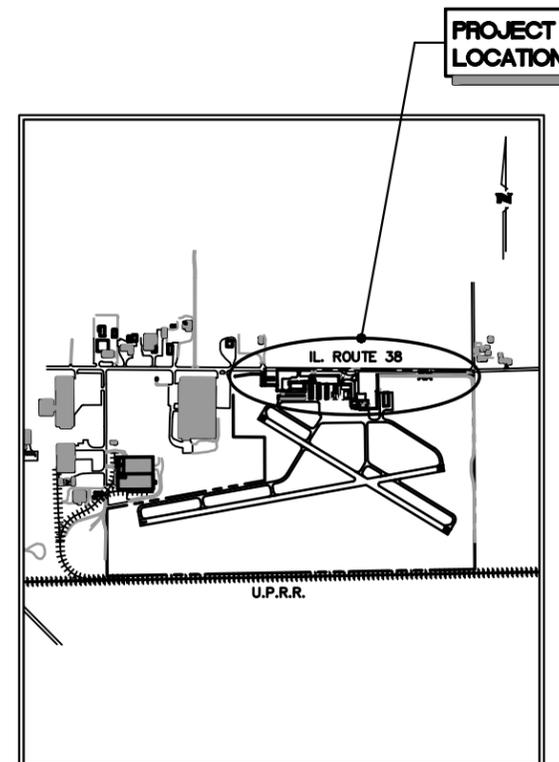
J.U.L.I.E. JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS

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

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 811.



LOCATION MAP



SITE PLAN

DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD  
DIXON, ILLINOIS

*Matthew S. Heckman*  
MATTHEW S. HECKMAN  
PUBLIC WORKS DIRECTOR/ASSISTANT CITY MANAGER

DATE 06/08/2020

**DESIGN INFORMATION**

APPROACH CATEGORY B  
DESIGN GROUP I

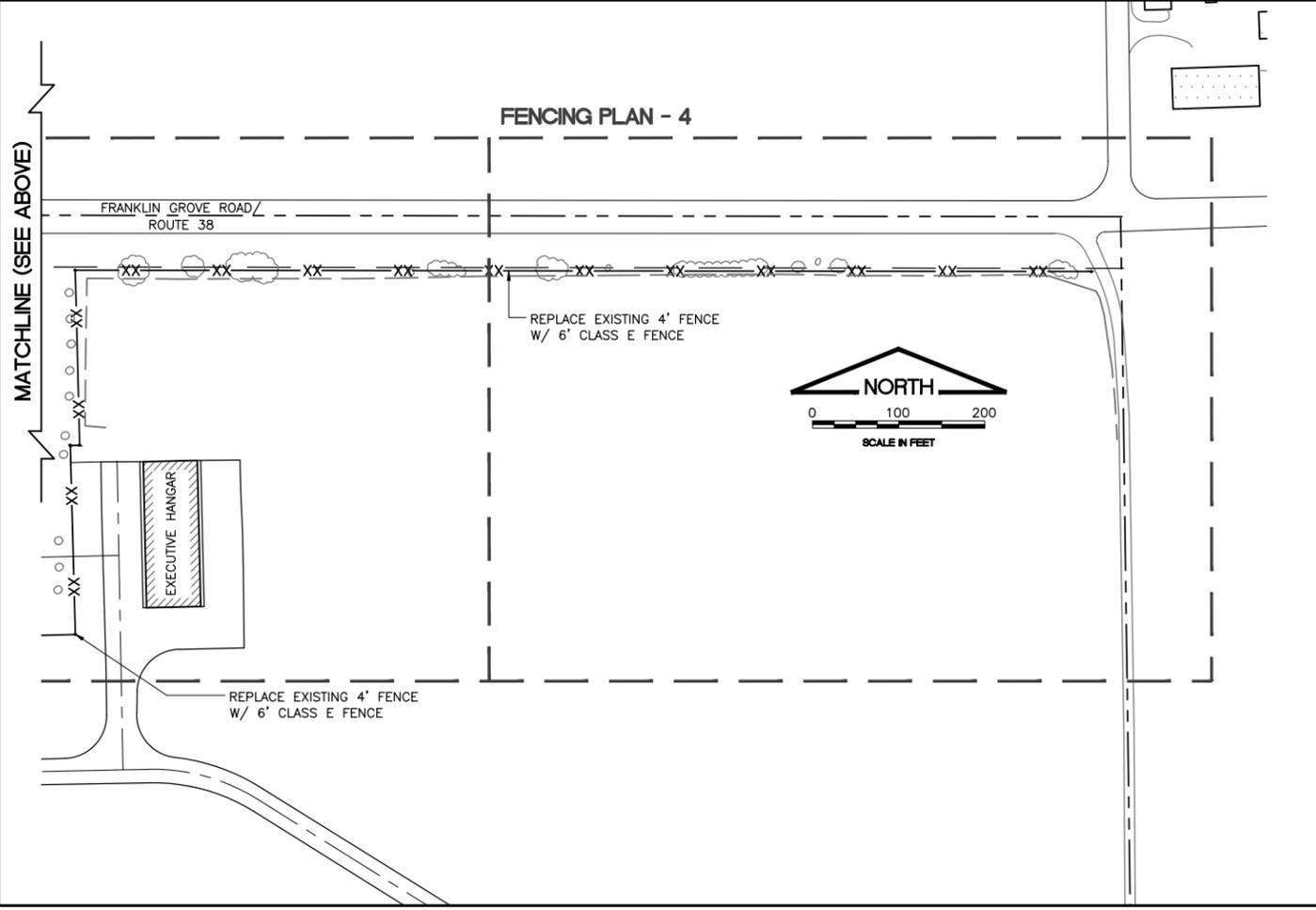
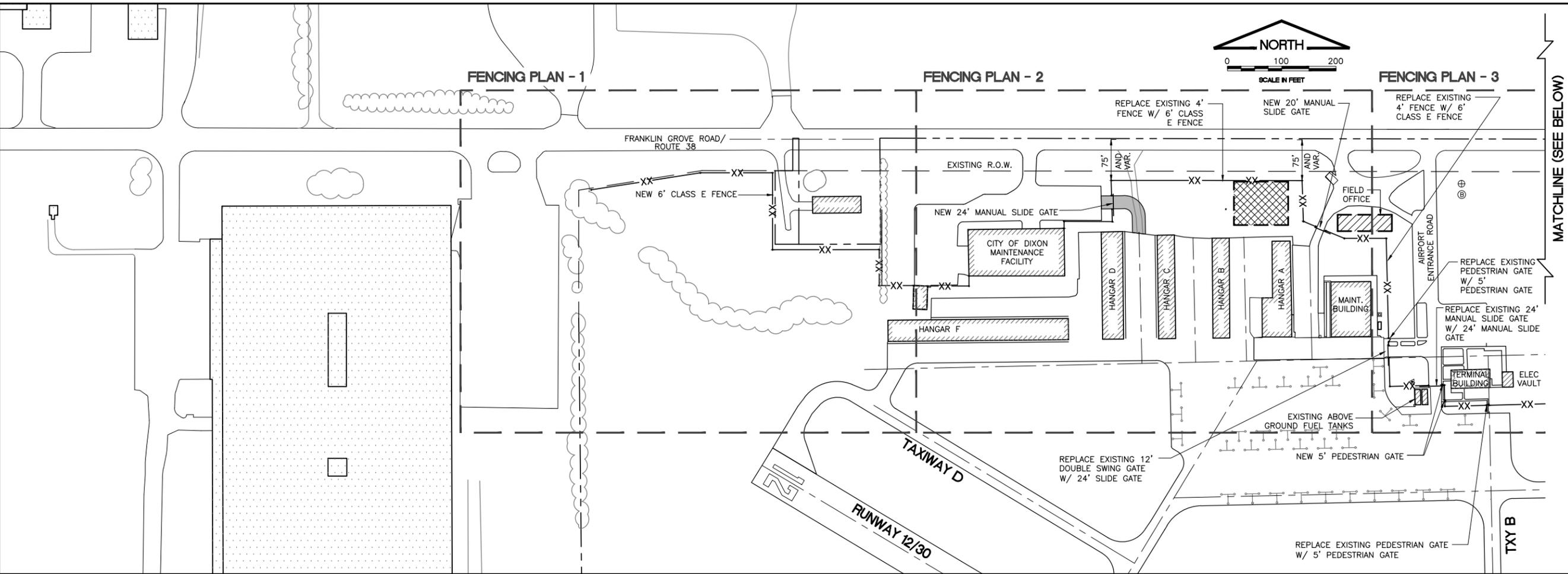
**DIXON MUNICIPAL AIRPORT**

TOWNSHIP: 21 NORTH  
RANGE: 9 EAST  
LEE COUNTY

DIXON TOWNSHIP  
(SECTION: 3)  
OPPOSITE LINCOLN HIGHWAY 38  
(FRANKLIN GROVE ROAD)

**UNICOM RADIO FREQUENCY - 123.05**

DATE: Tuesday, June 9, 2020, 3:12:55 PM  
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 UPDATE BY: Adam Moulton  
 LAYOUT: Layout1  
 IMAGE FILES: CMT\_30\_cmyk.ctb  
 DWP: DWG: Fencing - FencePlan.dwg  
 Plot based on: 8-5-19.dwg  
 Survey: 8-5-19.dwg



**GENERAL NOTES**

1. SHOULD THE AIRPORT NOT WANT THE REMOVED MATERIALS, ALL FENCING MATERIALS REMOVED SHALL BE DISPOSED OF OFF AIRPORT PROPERTY BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.
2. HOLES FROM REMOVED POSTS SHALL BE BACKFILLED, COMPACTED AND SEEDED AT NO ADDITIONAL COST TO THE CONTRACT. RESTORATION COSTS SHALL BE INCLUDED IN THE COSTS TO REMOVE THE EXISTING FENCE.
3. NEW FENCE SHALL BE INSTALLED NO CLOSER THAN 2' FROM THE PROPERTY LINE UNLESS OTHERWISE SHOWN.
4. NEW FENCE ROUTING MAY BE ADJUSTED IN THE FIELD BY RESIDENT ENGINEER FOR EXISTING CONDITIONS ENCOUNTERED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR SAID FIELD ADJUSTMENTS.
5. THE SITE OF THE FENCE SHALL BE SUFFICIENTLY CLEARED OF OBSTRUCTIONS, AND SURFACE IRREGULARITIES SHALL BE GRADED, SEEDED AND MULCHED SO THAT THE FENCE WILL CONFORM TO THE GENERAL CONTOUR OF THE GROUND. THE FENCE LINE SHALL BE CLEARED TO A MINIMUM WIDTH OF 12 FEET ON EACH SIDE OF THE CENTERLINE OF THE FENCE. THIS CLEARING SHALL CONSIST OF THE REMOVAL OF ALL STUMPS, BRUSH, ROCKS, TREES OR OTHER OBSTRUCTIONS WHICH WILL INTERFERE WITH PROPER CONSTRUCTION OF THE SAME FENCE. STUMPS WITHIN THE CLEARED AREA OF THE FENCE LINE SHALL BE GRUBBED OR EXCAVATED. ALL HOLES REMAINING AFTER POST AND STUMP REMOVAL SHALL BE REFILLED WITH SUITABLE SOIL, GRAVEL OR OTHER MATERIAL ACCEPTABLE TO THE RESIDENT ENGINEER AND SHALL BE COMPACTED PROPERLY WITH TAMPERS, SEEDED AND GRADED.
6. NO CUTTING OR TRIMMING OF TREES SHALL OCCUR BETWEEN APRIL 1 AND SEPTEMBER 30, BOTH DAYS INCLUSIVE, DUE TO THE POTENTIAL IMPACT TO THE INDIANA BAT AND NORTHERN LONG-EARED BAT, WHICH IS PROTECTED BY THE ENDANGERED SPECIES ACT OF 1973.
7. CONTRACTOR SHALL BE LIMITED TO TRAVEL ALONG ONE SIDE OF THE FENCE AND WITHIN 10 FEET OF THE PROPOSED FENCE, UNLESS NOTED ON THE PLAN. THE RESIDENT ENGINEER IN CONSULTATION WITH THE AIRPORT WILL DESIGNATE TURN AROUND LOCATIONS WITHIN EACH WORK AREA. CONTRACTOR SHALL MINIMIZE DAMAGE TO CROPS AND THE FARM FIELD SOILS IN THE VICINITY OF THE WORK AREA.
8. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND/OR 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 I.D.O.T. COST INCIDENTAL TO THE CONTRACT.
9. CONTRACTOR SHALL BE REQUIRED TO OBTAIN AN IDOT HIGHWAY PERMIT FOR WORK WITHIN THE RIGHT-OF-WAY OF ROUTE 38/FRANKLIN GROVE ROAD. ALL FEES AND CHARGES INCURRED BY THE CONTRACTOR TO OBTAIN THE NECESSARY PERMITS/PERMISSIONS TO INSTALL AND PERFORM THE WORK SHALL BE NOT MEASURED SEPARATELY FOR PAYMENT BUT SHALL BE INCIDENTAL TO CONTRACT.

**LEGEND**

- CONTRACTOR'S STAGING AND STORAGE AREA
- EXISTING BUILDING
- EXISTING PAVEMENT
- NEW 6' CLASS E FENCE
- RIGHT OF WAY (R.O.W.)
- AIRPORT PROPERTY LINE
- TREES AND BRUSH

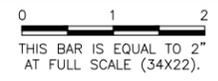
**HORIZONTAL AND VERTICAL CONTROL**

BENCHMARK	DESCRIPTION	NORTHING	EASTING	ELEVATION
BM #1	NGS MARKER - STAINLESS STEEL ROD IN SLEEVE IN TURF AREA JUST WEST OF RUNWAY 12/30 - RUNWAY 8/26 INTERSECTION (NOT SHOWN)	1882891.680	2493225.960	778.96
BM #2	NGS MARKER - STAINLESS STEEL ROD IN SLEEVE IN TURF AREA JUST EAST OF TAXIWAY (NOT SHOWN)	1882579.037	2491500.381	778.23

IL CONTRACT: **DI031**  
 IL LETTING ITEM: **09A**  
 IL PROJECT: **C73-4758**  
 S.B.G. PROJECT: **3-17-SBGP-133/139**

SURVEY BOOK # ----

REVISIONS		
NUMBER	BY	DATE



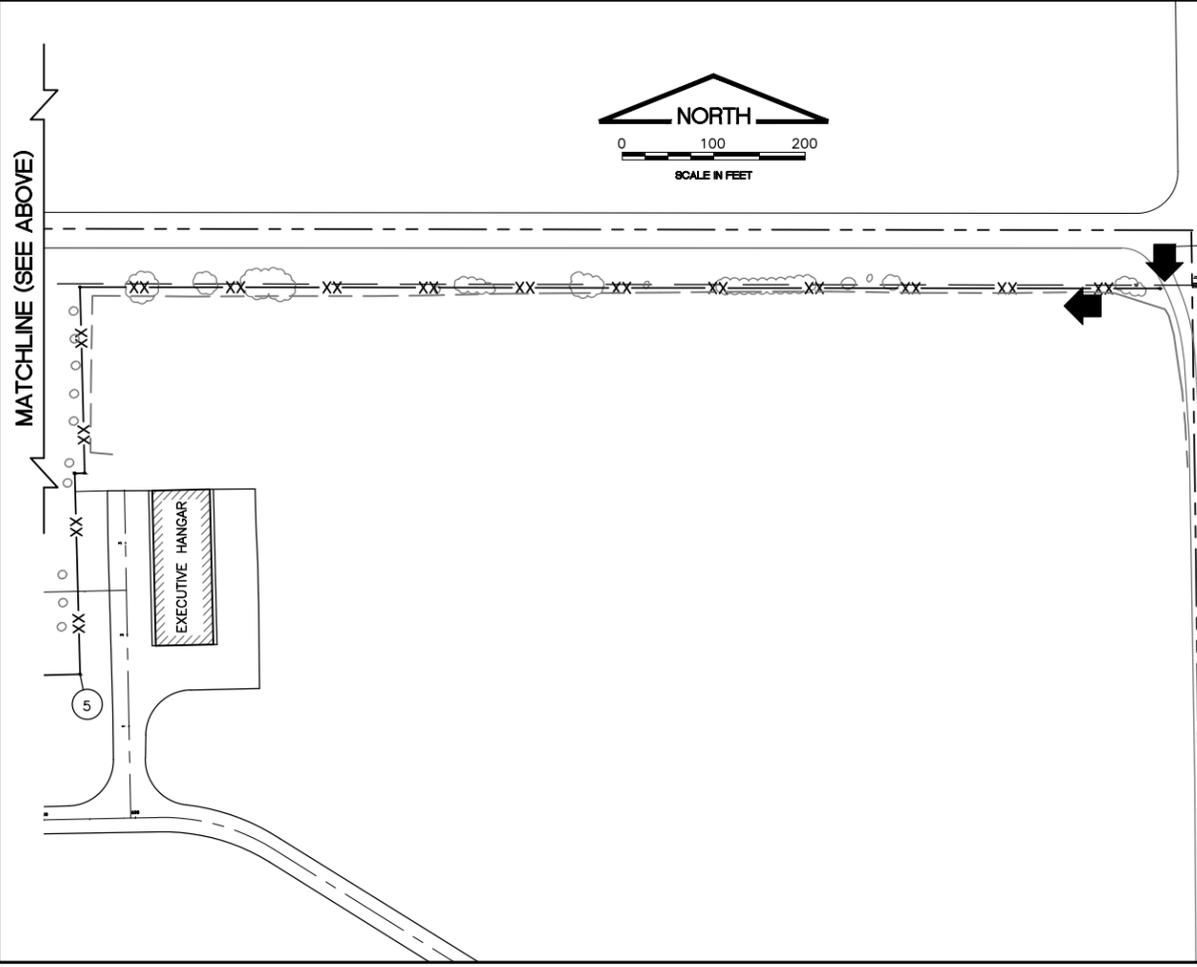
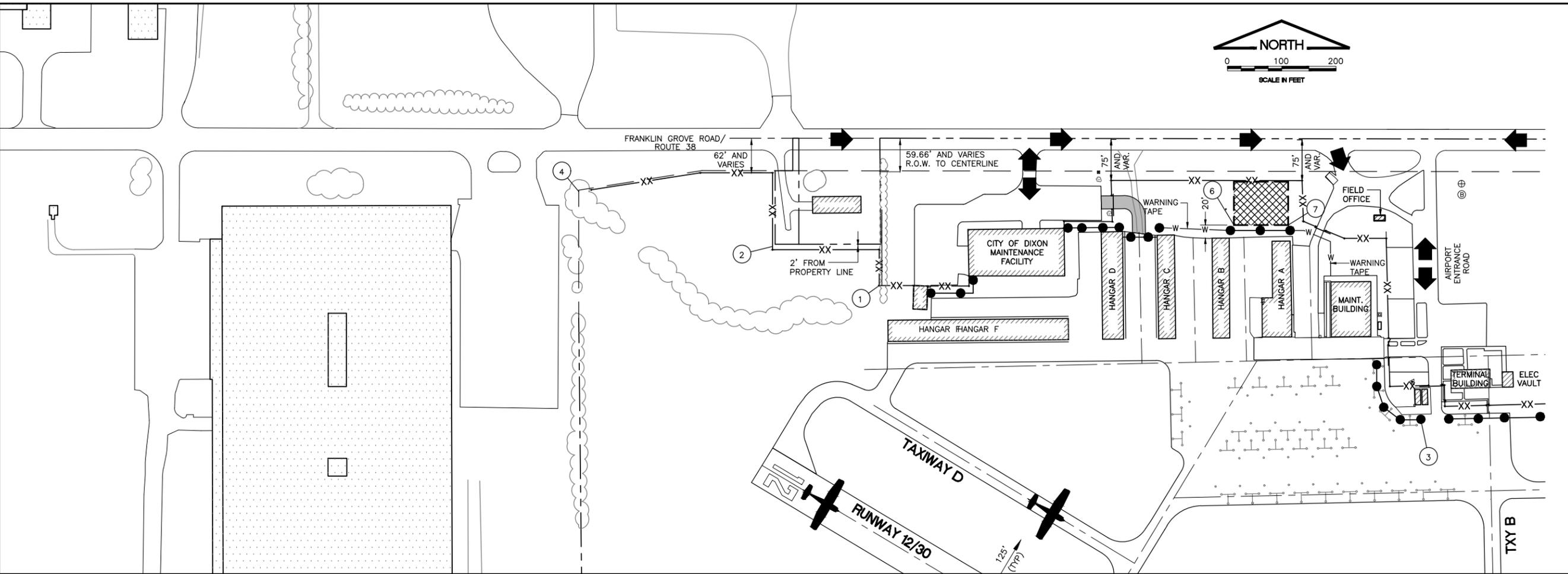
**DIXON MUNICIPAL AIRPORT  
 DIXON, ILLINOIS  
 INSTALL PERIMETER FENCE, PHASE 1 AND 2**  
**SITE PLAN/PROJECT CONTROL**



DESIGN BY: ABM  
 DRAWN BY: JRO  
 CHECKED BY: DKP  
 APPROVED BY: DKP  
 DATE: 6/5/20  
 JOB No: 190244-02

**FINAL**

DATE: Tuesday, June 9, 2020, 3:13:13 PM  
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 UPDATE BY: Adam Moulton  
 LAYOUT: Layout1  
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 Ed:\cpl\cmt\gpl\cmt\_3g\_cmyk.jpg  
 REF DWG: Fencing - Hardtackwg  
 Plot based on 8-5-19.dwg  
 BMD



**GENERAL NOTES**

- ALL RUNWAYS AND TAXIWAY ARE OPEN THROUGHOUT ALL PHASES (AIRFIELD IS FULLY OPERATING).
- UPON REMOVAL OF SECURITY GATES, THE CONTRACTOR SHALL REPLACE THE GATES IMMEDIATELY AFTER REMOVING THE OLD ONES. NO GATES SHALL BE LEFT UNSECURED/UNINSTALLED AFTER THE CONTRACTOR'S WORKING HOURS. ORANGE CONSTRUCTION FENCE OR BARRICADES SHALL BE PLACED AROUND ANY AREA UNABLE TO BE SECURED WITH PERMANENT FENCE/GATES AFTER WORKING HOURS.

<p><b>POINT "1"</b>          NEAREST POINT ON CONSTRUCTION SITE TO ACTIVE RUNWAY 12/30          LATITUDE: 41°50'13.46"          LONGITUDE: 89°26'53.23"          EXISTING ELEVATION: 775'</p>	<p><b>POINT "4"</b>          NEAREST POINT ON CONSTRUCTION SITE TO END OF ACTIVE RUNWAY 12/30          LATITUDE: 41°50'15.04"          LONGITUDE: 89°27'00.53"          EXISTING ELEVATION: 764'</p>
<p><b>POINT "2"</b>          NEAREST POINT ON CONSTRUCTION SITE TO ACTIVE RUNWAY 12/30          LATITUDE: 41°50'13.79"          LONGITUDE: 89°26'56.07"          EXISTING ELEVATION: 771'</p>	<p><b>POINT "5"</b>          NEAREST POINT ON CONSTRUCTION SITE TO END OF ACTIVE RUNWAY 8/26          LATITUDE: 41°50'11.04"          LONGITUDE: 89°26'36.53"          EXISTING ELEVATION: 781'</p>
<p><b>POINT "3"</b>          NEAREST POINT ON CONSTRUCTION SITE TO ACTIVE RUNWAY 8/26          LATITUDE: 41°50'10.76"          LONGITUDE: 89°26'40.08"          EXISTING ELEVATION: 783'</p>	<p><b>POINT "6"</b>          NEAREST POINT ON STAGING AREA TO END OF ACTIVE RUNWAY 12/30          LATITUDE: 41°50'14.33"          LONGITUDE: 89°26'44.59"          EXISTING ELEVATION: 779'</p>
	<p><b>POINT "7"</b>          NEAREST POINT ON STAGING AREA TO END OF ACTIVE RUNWAY 12/30          LATITUDE: 41°50'14.32"          LONGITUDE: 89°26'43.27"          EXISTING ELEVATION: 779'</p>

**LEGEND**

- CONTRACTOR'S STAGING AND STORAGE AREA
- EXISTING BUILDING
- EXISTING PAVEMENT
- NEW 6' CLASS E FENCE
- EXISTING FENCE
- RIGHT OF WAY (R.O.W.)
- AIRPORT PROPERTY LINE
- TAXIWAY OBJECT FREE AREA (TOFA)
- RUNWAY OBSTACLE FREE ZONE (ROFZ)
- AIRPLANE MOVEMENT AREA
- CONTRACTOR'S ACCESS/HAUL ROAD
- IDOT TYPE II BARRICADE WITH WARNING TAPE BETWEEN BARRICADES

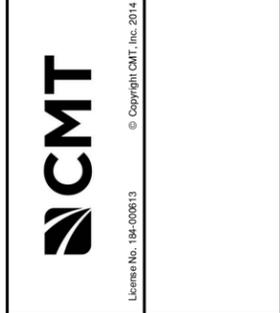
IL CONTRACT: **DI031**  
 IL LETTING ITEM: **09A**  
 IL PROJECT: **C73-4758**  
 S.B.G. PROJECT: **3-17-SBGP-133/139**

SURVEY BOOK # ----

REVISIONS		
NUMBER	BY	DATE

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

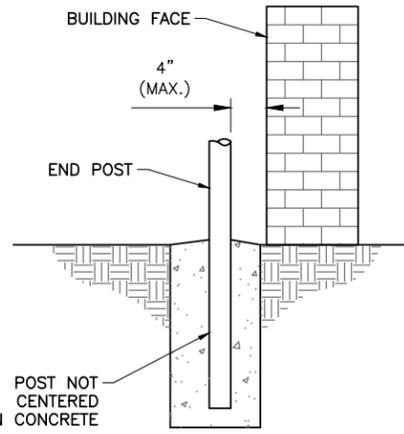
**DIXON MUNICIPAL AIRPORT  
 DIXON, ILLINOIS  
 INSTALL PERIMETER FENCE, PHASE 1 AND 2  
 SEQUENCE OF CONSTRUCTION**



DESIGN BY:	ABM
DRAWN BY:	RMH
CHECKED BY:	DKP
APPROVED BY:	DKP
DATE:	6/5/20
JOB No:	190244-02

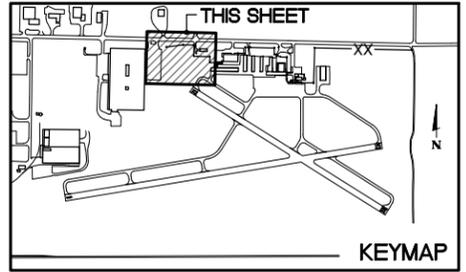


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 REF DWG: Fencing - Detail.dwg  
 IMAGE FILES: CMT\_30\_cmyk.jpg  
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**FENCE INSTALLATION AT BUILDING FACE**

KEYED POINTS (FENCING PLAN 1)		
POINT	NORTHING	EASTING
1	1884133.2217	2491853.5592
2	1884164.4927	2492054.8918
3	1884164.4969	2492187.7174
4	1884023.0760	2492187.7174
5	1884023.1494	2492384.4382
6	1883957.0061	2492384.4382



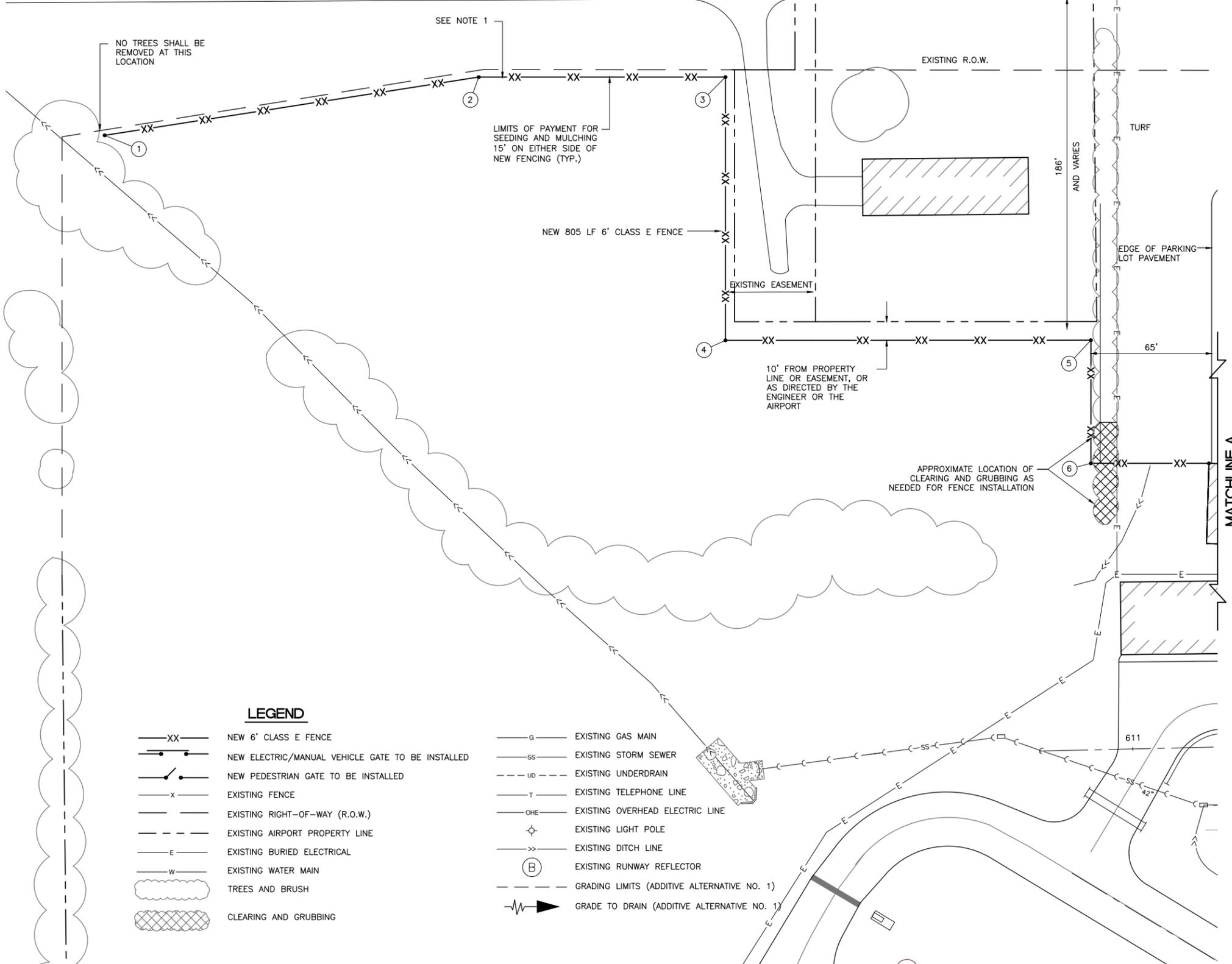
THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION AND THERE IS NO GUARANTEE EITHER EXPRESSED OR IMPLIED THAT THE CONDITIONS INDICATED ARE 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. NEW FENCE INSTALLED ALONG FRANKLIN GROVE ROAD SHALL HAVE TENSION WIRE INSTALLED IN LIEU OF TOP RAIL AT NO ADDITIONAL COST TO THE PROJECT.
2. ALL LENGTHS SHOWN FOR FENCE REMOVALS OR NEW FENCE ARE FOR THE SECTIONS SHOWN ON THAT SHEET ONLY.
3. CONTRACTOR SHALL PLACE 10' OF SEEDING (901) AND MULCHING (908) ON EITHER SIDE OF ALL NEW FENCE, OR AS DIRECTED BY THE ENGINEER.



**FRANKLIN GROVE ROAD/  
ROUTE 38**



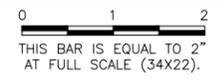
**LEGEND**

- XX— NEW 6' CLASS E FENCE
- NEW ELECTRIC/MANUAL VEHICLE GATE TO BE INSTALLED
- NEW PEDESTRIAN GATE TO BE INSTALLED
- X— EXISTING FENCE
- — — EXISTING RIGHT-OF-WAY (R.O.W.)
- - - - EXISTING AIRPORT PROPERTY LINE
- E— EXISTING BURIED ELECTRICAL
- W— EXISTING WATER MAIN
- ☁ TREES AND BRUSH
- ▨ CLEARING AND GRUBBING
- G— EXISTING GAS MAIN
- SS— EXISTING STORM SEWER
- UD— EXISTING UNDERDRAIN
- T— EXISTING TELEPHONE LINE
- OHE— EXISTING OVERHEAD ELECTRIC LINE
- ⊙ EXISTING LIGHT POLE
- >— EXISTING DITCH LINE
- ⊙ EXISTING RUNWAY REFLECTOR
- - - - GRADING LIMITS (ADDITIVE ALTERNATIVE NO. 1)
- ▲— GRADE TO DRAIN (ADDITIVE ALTERNATIVE NO. 1)

IL. CONTRACT: **DI031**  
 IL. LETTING ITEM: **09A**  
 IL. PROJECT: **C73-4758**  
 S.B.G. PROJECT: **3-17-SBGP-133/139**

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REVISIONS		
NUMBER	BY	DATE



**DIXON MUNICIPAL AIRPORT  
DIXON, ILLINOIS  
INSTALL PERIMETER FENCE, PHASE 1 AND 2  
FENCING PLAN - 1**



DESIGN BY:	ABM
DRAWN BY:	JRO
CHECKED BY:	DKP
APPROVED BY:	DKP
DATE:	6/5/20
JOB No:	190244-02

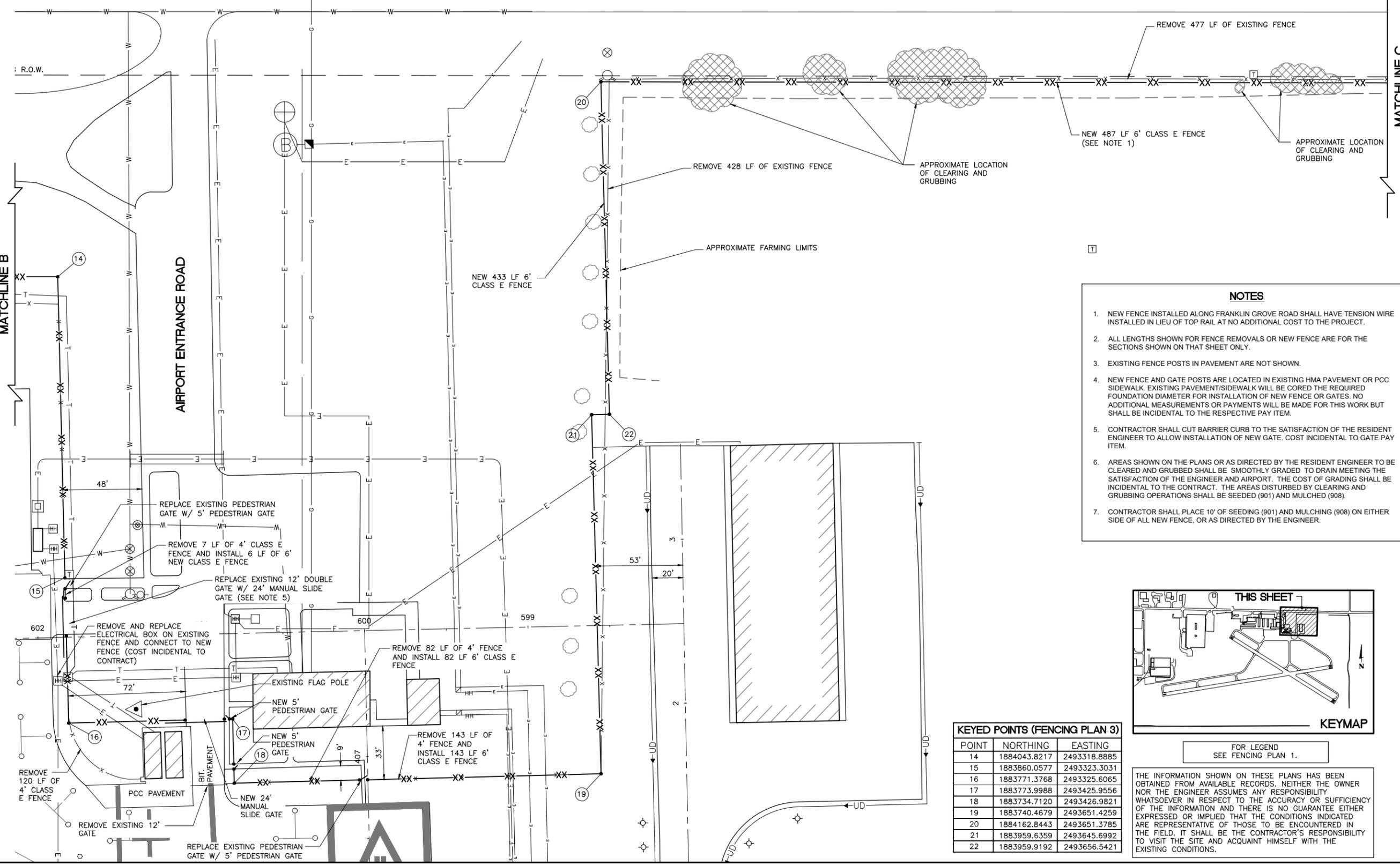
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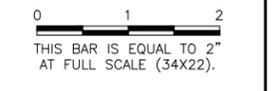
FRANKLIN GROVE ROAD/  
ROUTE 38



I.L. CONTRACT: **DI031**  
 I.L. LETTING ITEM: **09A**  
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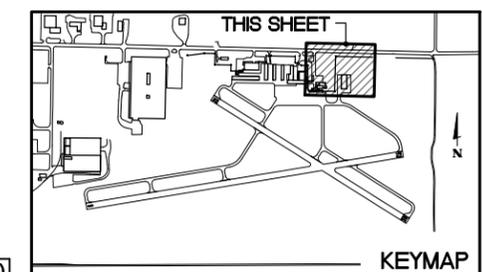
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REVISIONS		
NUMBER	BY	DATE



**DIXON MUNICIPAL AIRPORT  
DIXON, ILLINOIS  
INSTALL PERIMETER FENCE, PHASE 1 AND 2  
FENCING PLAN - 3**

- NOTES**
- NEW FENCE INSTALLED ALONG FRANKLIN GROVE ROAD SHALL HAVE TENSION WIRE INSTALLED IN LIEU OF TOP RAIL AT NO ADDITIONAL COST TO THE PROJECT.
  - ALL LENGTHS SHOWN FOR FENCE REMOVALS OR NEW FENCE ARE FOR THE SECTIONS SHOWN ON THAT SHEET ONLY.
  - EXISTING FENCE POSTS IN PAVEMENT ARE NOT SHOWN.
  - NEW FENCE AND GATE POSTS ARE LOCATED IN EXISTING HMA PAVEMENT OR PCC SIDEWALK. EXISTING PAVEMENT/SIDEWALK WILL BE CORED THE REQUIRED FOUNDATION DIAMETER FOR INSTALLATION OF NEW FENCE OR GATES. NO ADDITIONAL MEASUREMENTS OR PAYMENTS WILL BE MADE FOR THIS WORK BUT SHALL BE INCIDENTAL TO THE RESPECTIVE PAY ITEM.
  - CONTRACTOR SHALL CUT BARRIER CURB TO THE SATISFACTION OF THE RESIDENT ENGINEER TO ALLOW INSTALLATION OF NEW GATE. COST INCIDENTAL TO GATE PAY ITEM.
  - AREAS SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER TO BE CLEARED AND GRUBBED SHALL BE SMOOTHLY GRADED TO DRAIN MEETING THE SATISFACTION OF THE ENGINEER AND AIRPORT. THE COST OF GRADING SHALL BE INCIDENTAL TO THE CONTRACT. THE AREAS DISTURBED BY CLEARING AND GRUBBING OPERATIONS SHALL BE SEEDED (901) AND MULCHED (908).
  - CONTRACTOR SHALL PLACE 10' OF SEEDING (901) AND MULCHING (908) ON EITHER SIDE OF ALL NEW FENCE, OR AS DIRECTED BY THE ENGINEER.

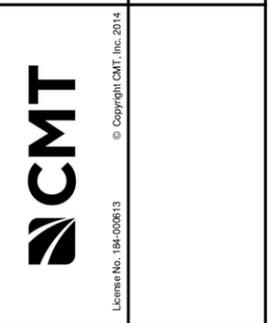


**KEYED POINTS (FENCING PLAN 3)**

POINT	NORTHING	EASTING
14	1884043.8217	2493318.8885
15	1883860.0577	2493323.3031
16	1883771.3768	2493325.6065
17	1883773.9988	2493425.9556
18	1883734.7120	2493426.9821
19	1883740.4679	2493651.4259
20	1884162.8443	2493651.3785
21	1883959.6359	2493645.6992
22	1883959.9192	2493656.5421

FOR LEGEND  
SEE FENCING PLAN 1.

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.



DESIGN BY: ABM  
 DRAWN BY: JRO  
 CHECKED BY: DKP  
 APPROVED BY: DKP  
 DATE: 6/5/20  
 JOB No: 190244-02

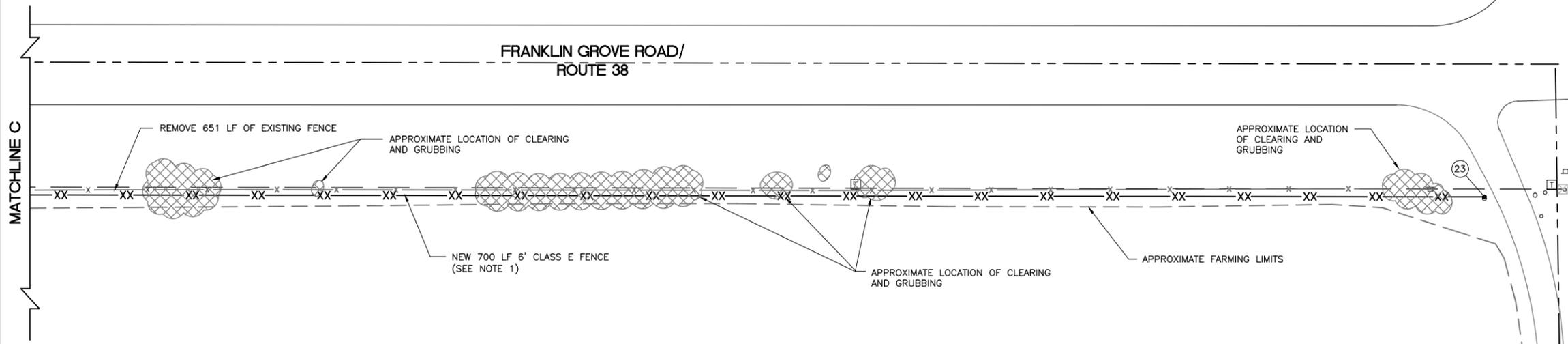
**FINAL**

SHEET 7 OF 11 SHEETS

DATE: Tuesday, June 9, 2020, 3:14:47 PM  
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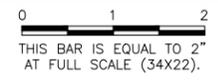
**FRANKLIN GROVE ROAD/  
ROUTE 38**



IL. CONTRACT: **DI031**  
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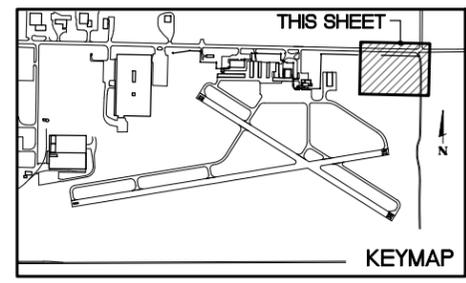
**DIXON MUNICIPAL AIRPORT  
 DIXON, ILLINOIS  
 INSTALL PERIMETER FENCE, PHASE 1 AND 2  
 FENCING PLAN - 4**

KEYED POINTS (FENCING PLAN 4)		
POINT	NORTHING	EASTING
23	1884161.2970	2494832.8461

- NOTES**
- NEW FENCE INSTALLED ALONG FRANKLIN GROVE ROAD SHALL HAVE TENSION WIRE INSTALLED IN LIEU OF TOP RAIL AT NO ADDITIONAL COST TO THE PROJECT.
  - ALL LENGTHS SHOWN FOR FENCE REMOVAL OR NEW FENCE ARE FOR THE SECTIONS SHOWN ON THAT SHEET ONLY.
  - AREAS SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER TO BE CLEARED AND GRUBBED SHALL BE SMOOTHLY GRADED TO DRAIN MEETING THE SATISFACTION OF THE ENGINEER AND AIRPORT. GRADING SHALL BE INCIDENTAL TO THE SEEDING PAY ITEM. THE AREAS DISTURBED BY CLEARING AND GRUBBING OPERATIONS SHALL BE SEED (901) AND MULCHED (908).
  - CONTRACTOR SHALL PLACE 10' OF SEEDING (901) AND MULCHING (908) ON EITHER SIDE OF ALL NEW FENCE, OR AS DIRECTED BY THE ENGINEER.

FOR LEGEND  
SEE FENCING PLAN 1.

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.

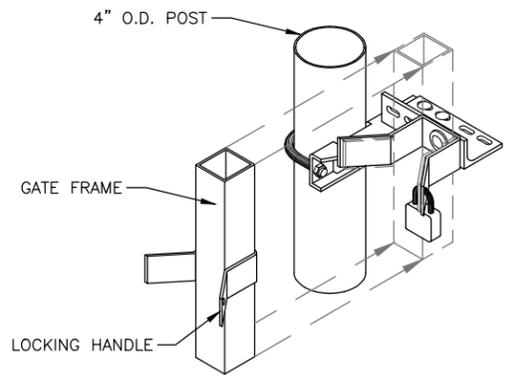


DESIGN BY:	ABM
DRAWN BY:	JRO
CHECKED BY:	DKP
APPROVED BY:	DKP
DATE:	6/5/20
JOB No:	190244-02

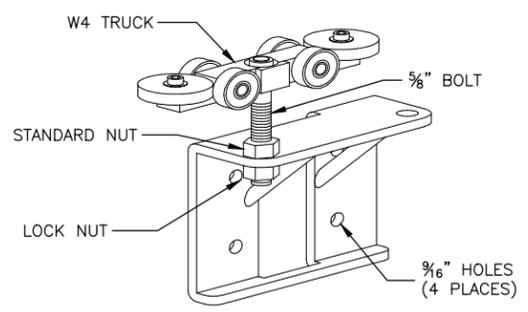
**FINAL**

SHEET 8 OF 11 SHEETS

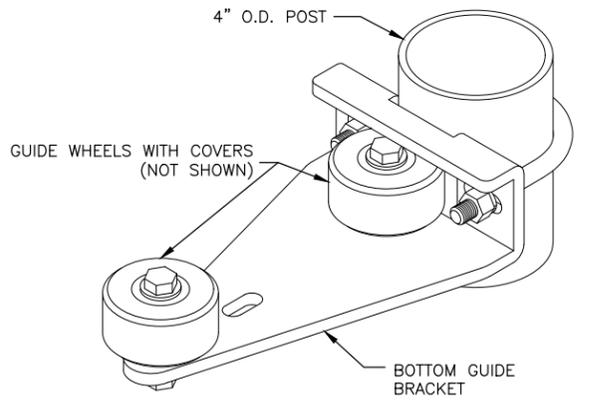
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 FILE: K:\Dixon\19024402-00\_Fence\182\Draw\Sheets\11\_cantilever\_gate\_details.dwg  
 UPDATE BY: Adam Moulton  
 LAYOUT: Layout1  
 IMAGE FILES: Warning Sign.dwg  
 CM: 36\_cantilever\_gate  
 CM\_block\_group  
 REF: DWG: fencing - detail.dwg



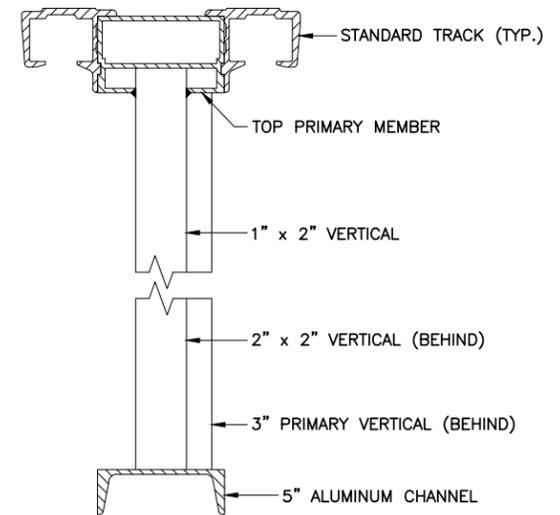
**CATCH ASSEMBLY DETAIL**  
N.T.S.



**GATE HANGER ASSEMBLY**  
N.T.S.

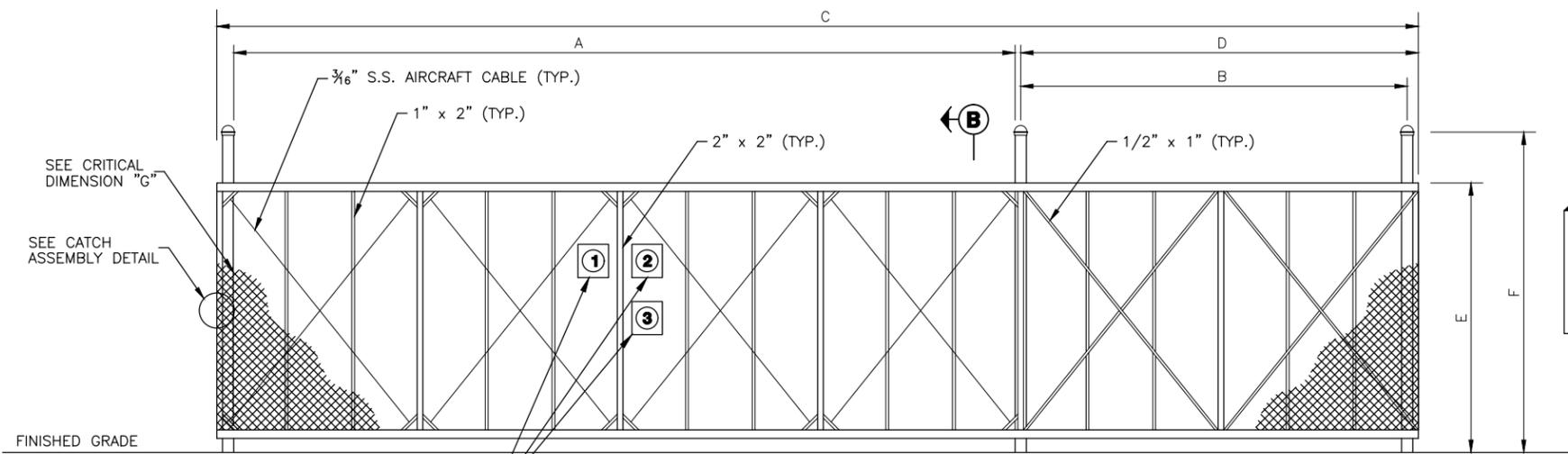


**STANDARD BOTTOM GUIDE ASSEMBLY**  
N.T.S.



**GATE FRAME SECTION**  
N.T.S.

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



**CANTILEVER SLIDE GATE**  
N.T.S.



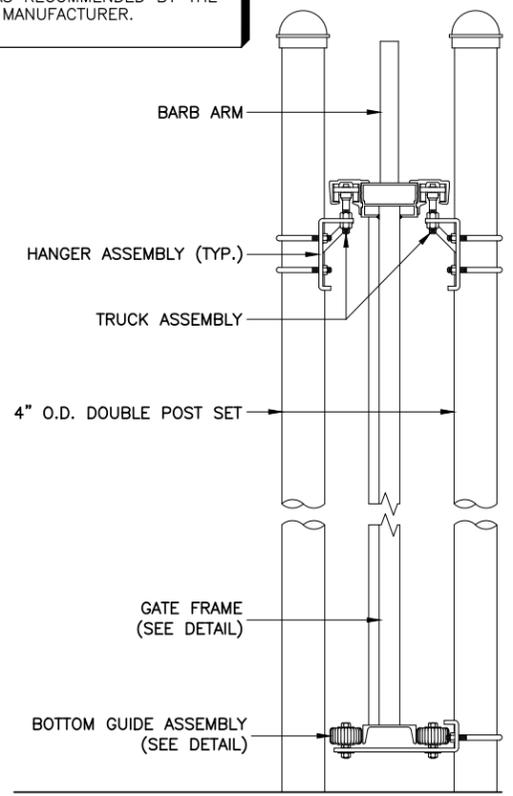
**WARNING SIGN DETAIL - 2**

CRITICAL DIMENSIONS			
A	CLEAR OPENING	20'-0"	24'-0"
B	COUNTER BALANCE POST SPACING, CENTER TO CENTER	10'-1"	11'-1"
C	OVERALL GATE LENGTH	30'-0"	36'-0"
D	COUNTERBALANCE LENGTH	10'-0"	12'-0"
E	NOMINAL GATE HEIGHT	6'-0"	6'-0"
F	POST HEIGHT	7'-6"	7'-6"
G	FABRIC HEIGHT	5'-0"	5'-0"

**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.

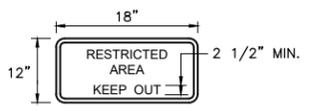


**NOTE:** EXTRUSIONS SHALL BE OVERSIZED FOR EXTRA RIGIDITY OVER "STANDARD" GATE DESIGN.

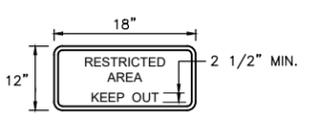
**SECTION B-B**  
(TYPICAL ALL GATES)

**MANUAL SLIDE GATE NOTES:**

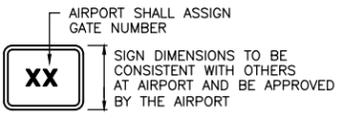
- CANTILEVERED GATE SHALL BE SUFFICIENTLY RIGID TO WITHSTAND FLEXING OR BENDING DURING WINDY CONDITIONS. CONTRACTOR SHALL PROVIDE STIFFENERS, STRUCTURAL SHAPES IN EXCESS OF THE MINIMUM SPECIFIED DIMENSIONS OR ADDITIONAL ROLLERS AND POSTS SUFFICIENT TO PREVENT DISPLACEMENT OF THE GATE BY WIND OR BY UNAUTHORIZED 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.



**SIGN DETAIL - 1**



**SIGN DETAIL - 3**  
N.T.S.

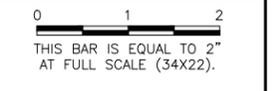


- NOTES:**
- EACH PEDESTRIAN OR VEHICLE SWING GATE SHALL REQUIRE ONE "RESTRICTED" SIGN AND ONE "NUMBER" SIGN. AIRPORT SHALL PROVIDE GATE NUMBER. EVERY 100' OF FENCE SHALL REQUIRE ONE "RESTRICTED" SIGN. COST INCIDENTAL TO FENCE.
  - 0.08 GA ALUMINUM ALLOY SHEET. LETTERING SHALL BE RED ON A WHITE BACKGROUND.
  - CANTILEVERED SLIDE GATES SHALL INCLUDE TWO ADDITIONAL SIGNS AS DETAILED ON THE CANTILEVER GATE DETAIL SHEETS.

IL CONTRACT: **DI031**  
 IL LETTING ITEM: **09A**  
 IL PROJECT: **C73-4758**  
 S.B.G. PROJECT: **3-17-SBGP-133/139**

SURVEY BOOK # ----

REVISIONS		
NUMBER	BY	DATE



**DIXON MUNICIPAL AIRPORT  
 DIXON, ILLINOIS  
 INSTALL PERIMETER FENCE, PHASE 1 AND 2**

**GATE DETAILS**



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**FINAL**



