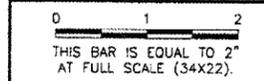


BL062

REVISIONS		
NUMBER	BY	DATE



INDEX TO SHEETS	
SHT. NO.	TITLE
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02	INDEX TO SHEETS/SUMMARY OF QUANTITIES
03	AIRPORT SITE PLAN
04	CONSTRUCTION ACTIVITY PLAN PHASE 1 A-E
05	CONSTRUCTION ACTIVITY PLAN PHASE 1 F-M
06	CONSTRUCTION ACTIVITY PLAN PHASE 2 A-F
07	CONSTRUCTION ACTIVITY PLAN PHASE 2 F-M
08	EXISTING CONDITIONS AND REMOVALS SHEET 1
09	EXISTING CONDITIONS AND REMOVALS SHEET 2
10	EXISTING CONDITIONS AND REMOVALS SHEET 3
11	EXISTING GATE LOCATIONS AND GATE TABLE
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13	PROPOSED FENCE IMPROVEMENTS 2
14	PROPOSED EROSION IMPROVEMENTS AND DETAILS
15	FENCING DETAILS 1
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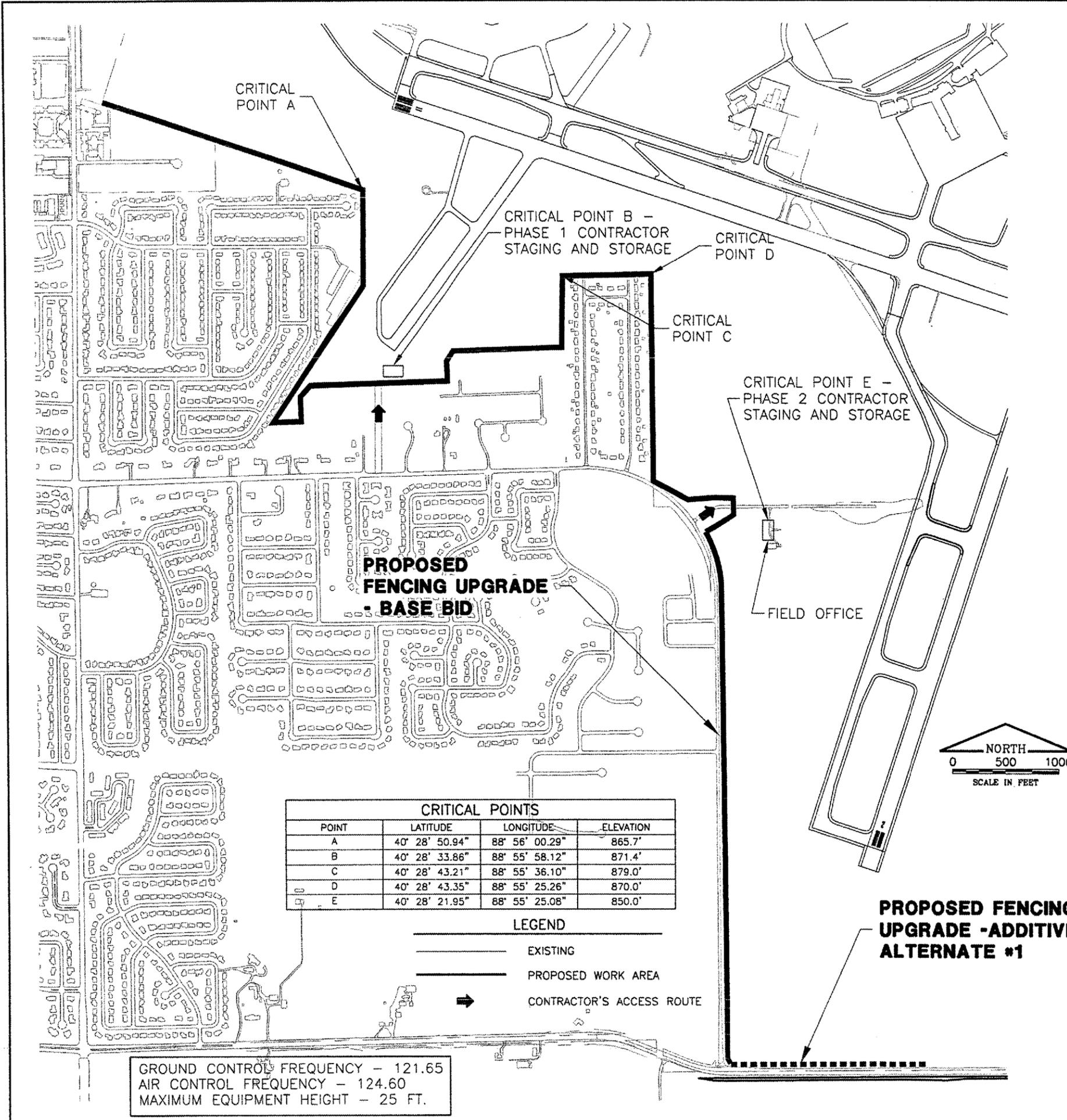
SUMMARY OF QUANTITIES			
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
BASE BID			
AR150510	ENGINEER'S FIELD OFFICE	L.S.	1
AR151420	CLEARING TREES 0-2.5' BUTT. DIA.	EACH	14
AR151429	STUMP REMOVAL 0.0-2.5 FT. DIA.	EACH	14
AR151430	CLEARING TREES 2.5'-5' BUTT. DIA.	EACH	4
AR151431	STUMP REMOVAL 2.5'-5.0 FT. DIAM.	EACH	4
AR800224	REGRADE SWALE	S.Y.	400
AR162324	CLASS E GATE 24'-VINYL	EACH	2
AR162408	CLASS E FENCE, VINYL-8'	L.F.	9200
AR162510	CLASS E FENCE 10'	L.F.	9150
AR162624	CLASS E GATE - 24'	EACH	2
AR162900	REMOVE CLASS E FENCE	L.F.	18700
AR162905	REMOVE GATE	EACH	4
AR901510	SEEDING	ACRE	1
AR908520	EXCELSIOR BLANKET	S.Y.	400
ADDITIVE ALTERNATE #1			
AS162510	CLASS E FENCE 10'	L.F.	1900
AS162624	CLASS E GATE - 24'	EACH	1
AS162900	REMOVE CLASS E FENCE	L.F.	1900
AS162905	REMOVE GATE	EACH	1

BLOOMINGTON-NORMAL AIRPORT AUTHORITY
 CENTRAL ILLINOIS REGIONAL AIRPORT
 BLOOMINGTON, ILLINOIS

UPGRADE PERIMETER FENCE PHASE 2
 INDEX TO SHEETS/SUMMARY OF QUANTITIES

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 APPROVED BY: *FLW*
 DATE: MAY 9, 2008
 JOB No: 0708506



CRITICAL POINTS			
POINT	LATITUDE	LONGITUDE	ELEVATION
A	40° 28' 50.94"	88° 56' 00.29"	865.7'
B	40° 28' 33.86"	88° 55' 58.12"	871.4'
C	40° 28' 43.21"	88° 55' 36.10"	879.0'
D	40° 28' 43.35"	88° 55' 25.26"	870.0'
E	40° 28' 21.95"	88° 55' 25.08"	850.0'

- LEGEND**
- EXISTING
 - PROPOSED WORK AREA
 - ➔ CONTRACTOR'S ACCESS ROUTE

GROUND CONTROL FREQUENCY - 121.65
 AIR CONTROL FREQUENCY - 124.60
 MAXIMUM EQUIPMENT HEIGHT - 25 FT.

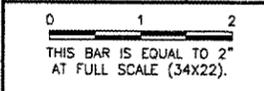
GENERAL NOTES

- ALL RUNWAYS, TAXIWAYS, AND APRONS SHALL BE KEPT OPEN TO AIRCRAFT TRAFFIC DURING CONSTRUCTION EXCEPT AS NOTED IN THE CONSTRUCTION ACTIVITY PLAN.
- THE CONTRACTOR SHALL REMAIN WITHIN 50' OF THE EXISTING FENCE LINE AT ALL TIMES DURING CONSTRUCTION. AT NO TIME SHOULD THE CONTRACTOR OR HIS PERSONNEL ACCESS ANY ACTIVE AIRFIELD PAVEMENTS. PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR'S SUPERINTENDENT SHALL BE REQUIRED TO ATTEND TRAINING COURSES AT THE AIRPORT TO BECOME AWARE OF POLICIES AND PROCEDURES ASSOCIATED WITH WORKING WITHIN THE AIRPORT SECURITY FENCE.
- 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 CONSTRUCTION SEQUENCING LIES WITH THE AIRPORT DIRECTOR.
- THE CONTRACTOR WILL BE PERMITTED TO STORE EQUIPMENT AND MATERIALS AT THE LOCATIONS SHOWN. THE MAXIMUM HEIGHT OF EQUIPMENT, MATERIALS AND STOCKPILES SHALL BE 25' ABOVE GROUND ELEVATION.
- BROKEN CONCRETE SHALL BE DISPOSED OF BY THE CONTRACTOR OFF AIRPORT PROPERTY.
- VEHICLES AND EQUIPMENT SHALL NOT BE ALLOWED WITHIN AREAS 95' FROM THE CENTERLINE OF ACTIVE TAXIWAYS OR 250' FROM THE CENTERLINE OF ACTIVE RUNWAYS.
- ALL PAVEMENTS, DRIVES, OR ANY OTHER AREAS UTILIZED BY THE CONTRACTOR FOR HAUL ROADS OR STORAGE AREAS SHALL BE MAINTAINED AND REPAIRED IN KIND BY THE CONTRACTOR TO THE SATISFACTION OF 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 AIRPORT.
- THE CONTRACTOR SHALL CONTINUOUSLY CLEAN ALL CONSTRUCTION AREAS WHICH WILL BE OPENED TO AIR TRAFFIC.
- IT WILL BE NECESSARY FOR THE CONTRACTOR TO MAKE HIS OWN FIELD INVESTIGATION TO DETERMINE THE EXACT LOCATION OF THE UNDERGROUND UTILITIES 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, THE AIRPORT 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 UTILITY 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.
- THE CONTRACTOR SHALL MAINTAIN A SECURE AIRFIELD PERIMETER WITH EXISTING, TEMPORARY, RELOCATED OR PERMANENT FENCE THROUGHOUT THE DURATION OF THE PROJECT. COST OF ERECTION AND REMOVAL OF TEMPORARY FENCE WILL BE INCIDENTAL TO CONTRACT.
- CONTRACTOR'S ACCESS SHALL BE AS FOLLOWS:
 - THE CONTRACTOR SHALL COMPLETE A TEN YEAR CRIMINAL AND EMPLOYMENT BACKGROUND CHECK AND A SECURITY FORM FOR THE SUPERINTENDENTS AND SUPERVISING FOREMEN HE PROPOSES TO USE ON THE AIRPORT. THESE FORMS SHALL BE COMPLETED PRIOR TO THAT PERSON BEING ALLOWED ON THE AIRFIELD. A LIST OF PERSONNEL AUTHORIZED TO WORK ON THE AIRFIELD SHALL BE PROVIDED TO THE RESIDENT ENGINEER BY THE CONTRACTOR.
 - THE CONTRACTOR SHALL USE AN EXISTING GATE(S) FOR ACCESS TO THE AIRFIELD. THE CONTRACTOR SHALL INSTALL AND MAINTAIN A HEAVY-DUTY PADLOCK ON THE ACCESS GATE. HE SHALL PROVIDE KEYS FOR THIS PADLOCK TO THE RESIDENT ENGINEER AND BNA MAINTENANCE SUPERVISOR. NO ADDITIONAL KEYS ARE TO BE DISTRIBUTED UNLESS AUTHORIZED BY THE RESIDENT ENGINEER.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE ACCESS GATE(S) CLOSED DURING WORK HOURS. IF THE CONTRACTOR CHOOSES TO LEAVE THE GATE(S) OPEN, THEN HE SHALL POST A COMPETENT SECURITY GUARD TO PREVENT UNAUTHORIZED ENTRIES. THE CONTRACTOR SHALL REPLACE ANY UNSATISFACTORY SECURITY GUARDS IF SO DIRECTED.
 - THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND TEMPORARY EASEMENTS FOR THE ACCESS ROAD(S) SHOWN AND SHALL COMPLY WITH ALL TRAFFIC CONTROL SIGNAGE REQUIRED BY THE CITY, COUNTY, TOWNSHIP, OR I.D.O.T..
 - 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.
 - THE CONTRACTOR WILL 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 NOT TO VIOLATE AIRSPACE SURFACES, OR RUNWAY AND TAXIWAY OBJECT FREE OR SAFETY AREAS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ACTIVE AIRFIELD PAVEMENTS WHICH ARE CROSSED BY HIS VEHICLES ACCESSING THE WORK OR DEPARTING THE WORK IMMEDIATELY FOLLOWING SAID VEHICLE.

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 PLOT DATE: 4/16/2008 7:09 PM
 BASE_EXISTGEO
 BASE_PROPGED
 AERIAL

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REVISIONS		
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BLOOMINGTON-NORMAL AIRPORT AUTHORITY
CENTRAL ILLINOIS REGIONAL AIRPORT
BLOOMINGTON, ILLINOIS
UPGRADE PERIMETER FENCE PHASE 2
AIRPORT SITE PLAN

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DATE:	MAY 9, 2008
JOB No:	0708506

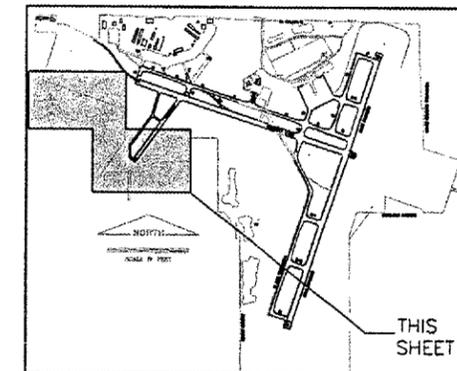
PHASE 1

FENCING LEGEND	
—xx—	NEW FENCE
- - - -	TEMPORARY FENCE
-x-x-	EXISTING FENCE
(1C)	SUB-PHASE
1A →	ACCESS ROUTE FOR PHASE
(-) ⊠	GATE

PHASING NOTES

PHASE 1 A-E

1. ACCESS WILL BE GAINED THROUGH GATE 13 FOR PHASE 1.
2. PHASE 1 HAS BEEN BROKEN INTO SMALLER SUB PHASES APPROXIMATELY 650' LONG.
3. NO MORE THAN 3 CONSECUTIVE SUB PHASES MAY BE CONSTRUCTED SIMULTANEOUSLY.
4. PRIOR TO THE START OF PHASE 1E, 7 DAY NOTICE MUST BE PROVIDED TO THE AIRPORT.
5. CONTRACTOR SHALL PLACE THE TEMPORARY FENCE AT AN OFFSET THAT DOES NOT ENCROACH ON ADJACENT FARM FIELDS.
6. PRIOR TO THE START OF CONSTRUCTION SUB PHASES ADJACENT TO RESIDENTIAL AREAS, CONTRACTOR SHALL IDENTIFY AREAS THAT MAY NOT ALLOW THE PROPER CONSTRUCTION OF THE FENCE. CONTRACTOR SHALL WORK WITH THE AIRPORT THROUGH THE ENGINEER TO RESOLVE ANY RESIDENT CONFLICTS.



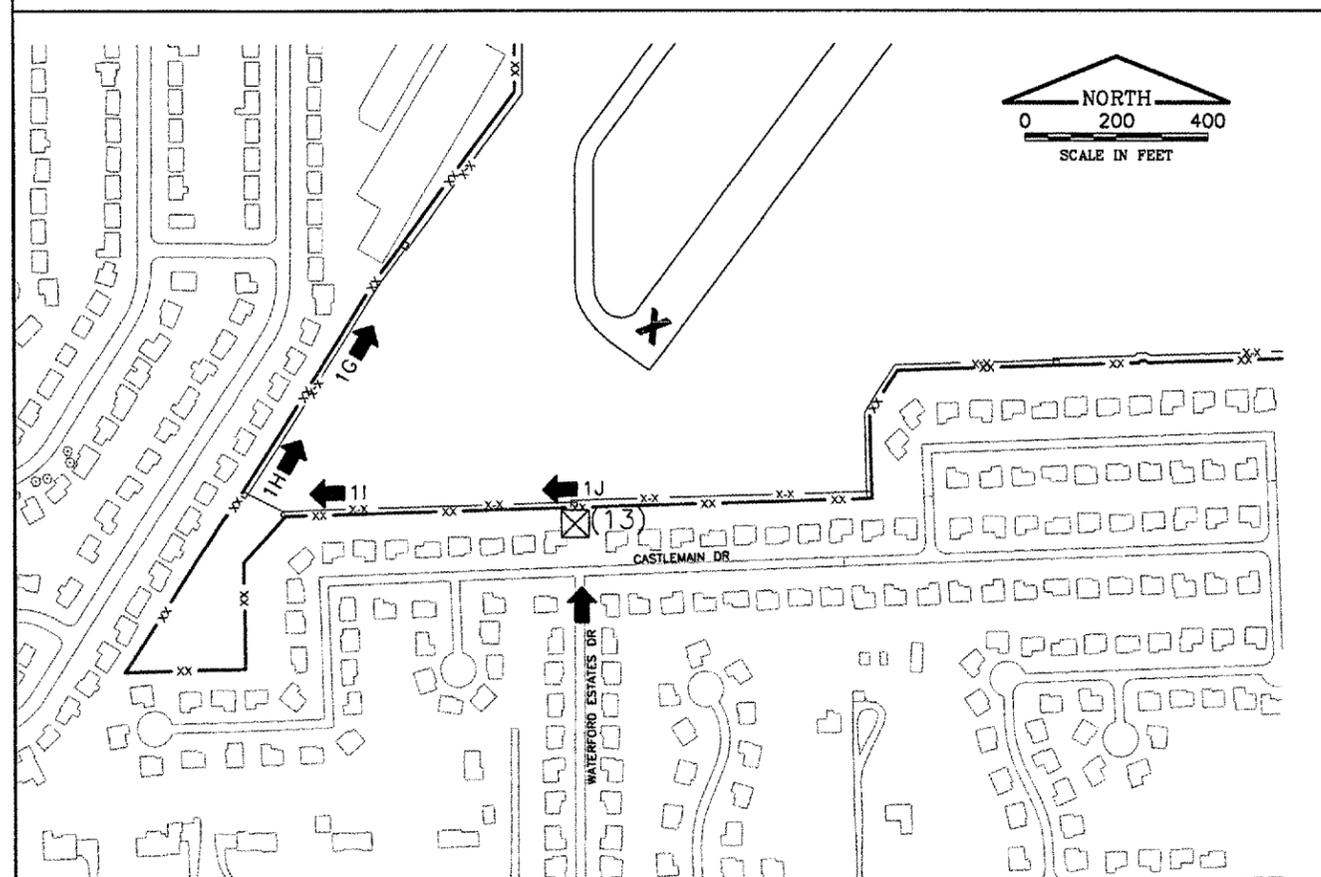
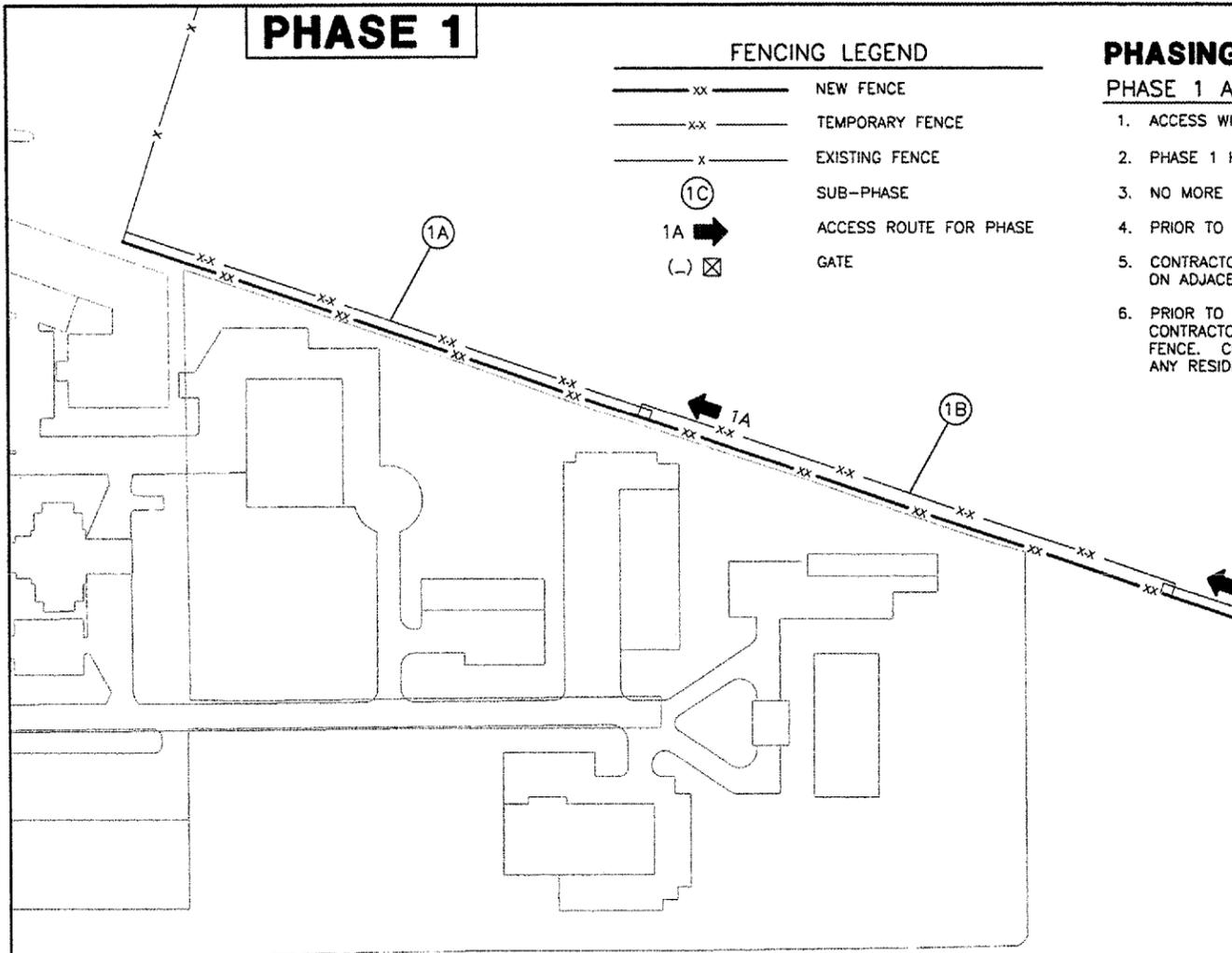
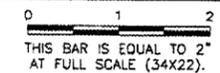
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 Security-Base
 BASE_FENCE
 KEYMAP

BL062

REVISIONS

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BLOOMINGTON-NORMAL AIRPORT AUTHORITY
 CENTRAL ILLINOIS REGIONAL AIRPORT
 BLOOMINGTON, ILLINOIS

UPGRADE PERIMETER FENCE PHASE 2
 CONSTRUCTION ACTIVITY PLAN
 PHASE 1 A-E

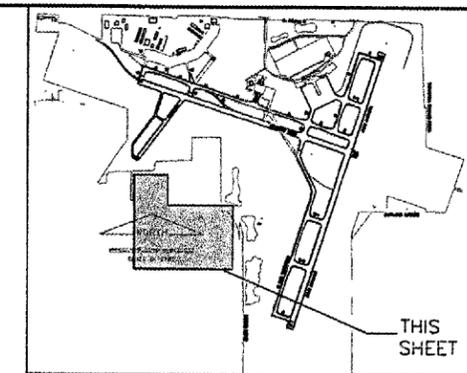
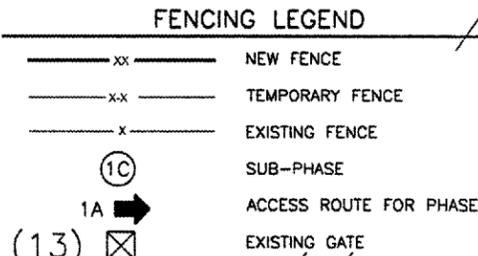
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 APPROVED BY: *REV*
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 JOB No: 0708506

BMI-3599
 3-17-0006-XX

PHASE 1

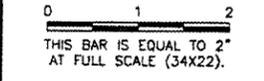


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BASE_FENCE
KEYMAP

BL062

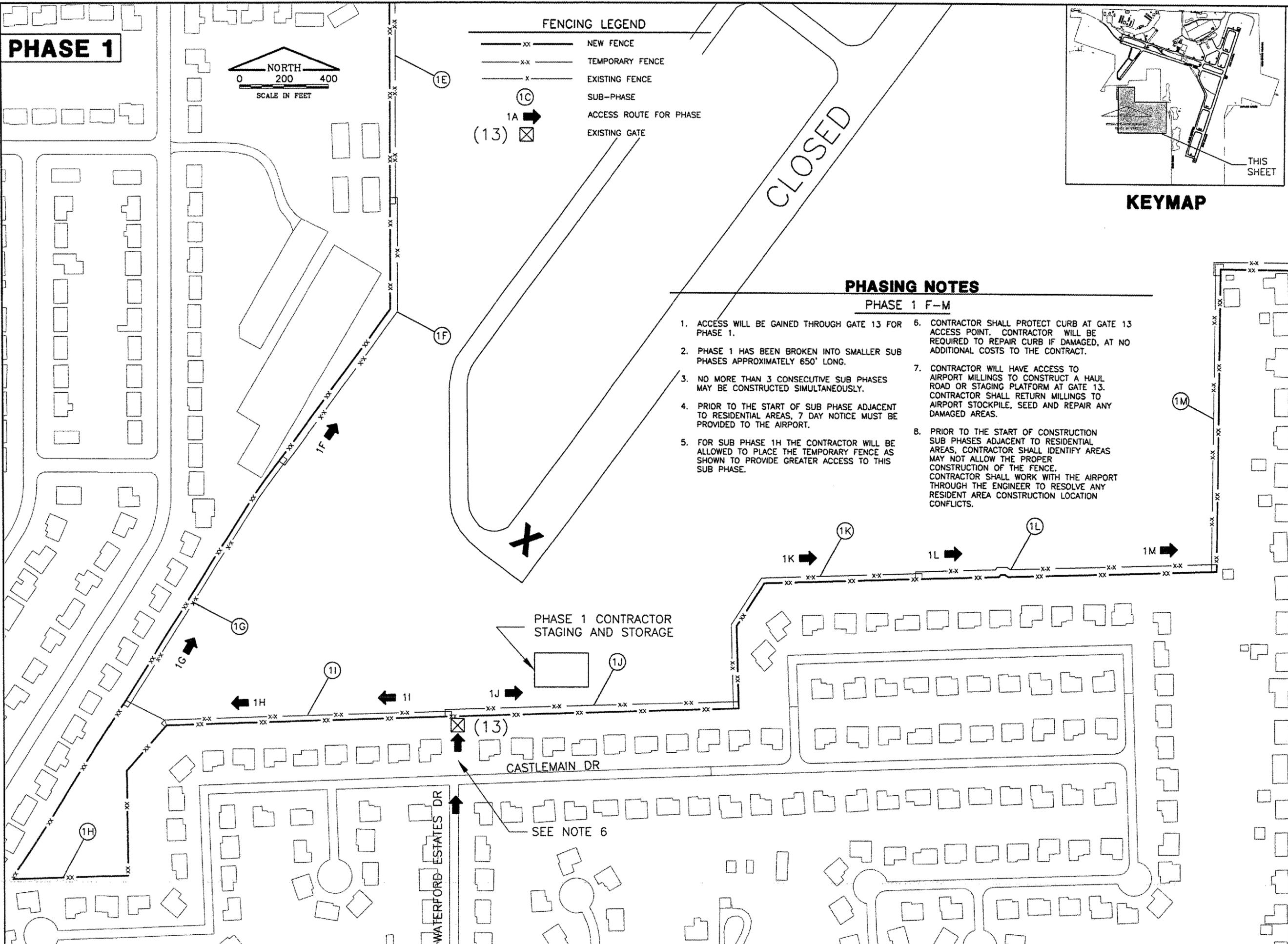
REVISIONS		
NUMBER	BY	DATE



PHASING NOTES

PHASE 1 F-M

- ACCESS WILL BE GAINED THROUGH GATE 13 FOR PHASE 1.
- PHASE 1 HAS BEEN BROKEN INTO SMALLER SUB PHASES APPROXIMATELY 650' LONG.
- NO MORE THAN 3 CONSECUTIVE SUB PHASES MAY BE CONSTRUCTED SIMULTANEOUSLY.
- PRIOR TO THE START OF SUB PHASE ADJACENT TO RESIDENTIAL AREAS, 7 DAY NOTICE MUST BE PROVIDED TO THE AIRPORT.
- FOR SUB PHASE 1H THE CONTRACTOR WILL BE ALLOWED TO PLACE THE TEMPORARY FENCE AS SHOWN TO PROVIDE GREATER ACCESS TO THIS SUB PHASE.
- CONTRACTOR SHALL PROTECT CURB AT GATE 13 ACCESS POINT. CONTRACTOR WILL BE REQUIRED TO REPAIR CURB IF DAMAGED, AT NO ADDITIONAL COSTS TO THE CONTRACT.
- CONTRACTOR WILL HAVE ACCESS TO AIRPORT MILLINGS TO CONSTRUCT A HAUL ROAD OR STAGING PLATFORM AT GATE 13. CONTRACTOR SHALL RETURN MILLINGS TO AIRPORT STOCKPILE, SEED AND REPAIR ANY DAMAGED AREAS.
- PRIOR TO THE START OF CONSTRUCTION SUB PHASES ADJACENT TO RESIDENTIAL AREAS, CONTRACTOR SHALL IDENTIFY AREAS MAY NOT ALLOW THE PROPER CONSTRUCTION OF THE FENCE. CONTRACTOR SHALL WORK WITH THE AIRPORT THROUGH THE ENGINEER TO RESOLVE ANY RESIDENT AREA CONSTRUCTION LOCATION CONFLICTS.



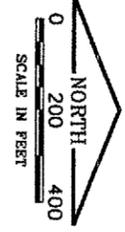
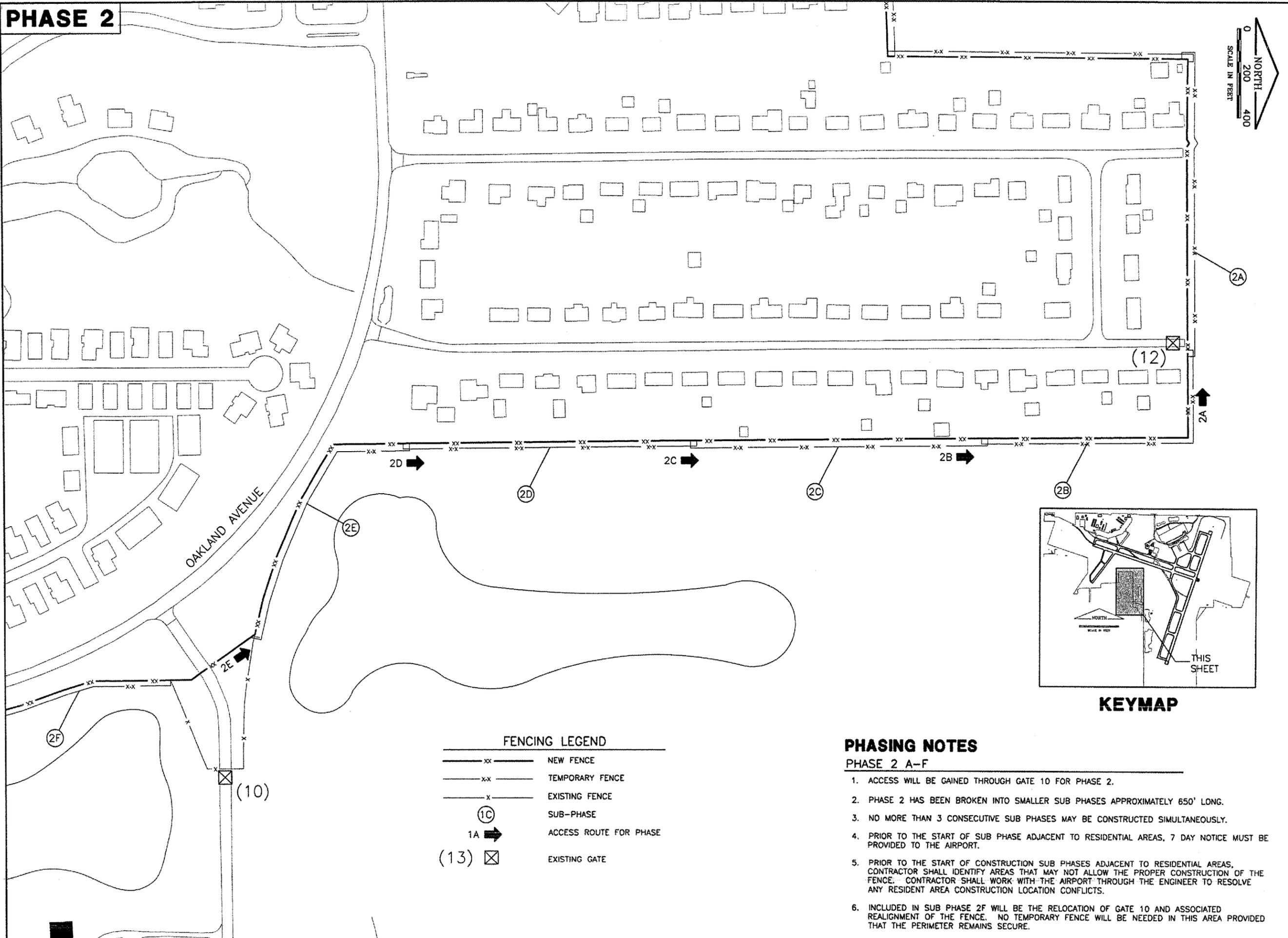
BLOOMINGTON-NORMAL AIRPORT AUTHORITY
 CENTRAL ILLINOIS REGIONAL AIRPORT
 BLOOMINGTON, ILLINOIS

UPGRADE PERIMETER FENCE PHASE 2
 CONSTRUCTION ACTIVITY PLAN
 PHASE 1 F-M

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JOB No:	0708506
BMI-3599 3-17-0006-XX	
SHEET 05 OF 18 SHEETS	

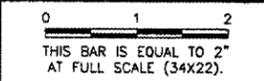
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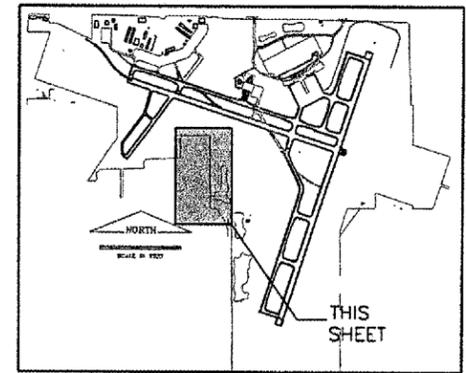
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NUMBER	BY	DATE



BLOOMINGTON-NORMAL AIRPORT AUTHORITY
 CENTRAL ILLINOIS REGIONAL AIRPORT
 BLOOMINGTON, ILLINOIS

UPGRADE PERIMETER FENCE PHASE 2
 CONSTRUCTION ACTIVITY PLAN
 PHASE 2 A-F



KEYMAP

FENCING LEGEND	
—xx—	NEW FENCE
- - -xx-	TEMPORARY FENCE
—x—	EXISTING FENCE
⊙1C	SUB-PHASE
➔1A	ACCESS ROUTE FOR PHASE
⊠(13)	EXISTING GATE

PHASING NOTES

PHASE 2 A-F

- ACCESS WILL BE GAINED THROUGH GATE 10 FOR PHASE 2.
- PHASE 2 HAS BEEN BROKEN INTO SMALLER SUB PHASES APPROXIMATELY 650' LONG.
- NO MORE THAN 3 CONSECUTIVE SUB PHASES MAY BE CONSTRUCTED SIMULTANEOUSLY.
- PRIOR TO THE START OF SUB PHASE ADJACENT TO RESIDENTIAL AREAS, 7 DAY NOTICE MUST BE PROVIDED TO THE AIRPORT.
- PRIOR TO THE START OF CONSTRUCTION SUB PHASES ADJACENT TO RESIDENTIAL AREAS, CONTRACTOR SHALL IDENTIFY AREAS THAT MAY NOT ALLOW THE PROPER CONSTRUCTION OF THE FENCE. CONTRACTOR SHALL WORK WITH THE AIRPORT THROUGH THE ENGINEER TO RESOLVE ANY RESIDENT AREA CONSTRUCTION LOCATION CONFLICTS.
- INCLUDED IN SUB PHASE 2F WILL BE THE RELOCATION OF GATE 10 AND ASSOCIATED REALIGNMENT OF THE FENCE. NO TEMPORARY FENCE WILL BE NEEDED IN THIS AREA PROVIDED THAT THE PERIMETER REMAINS SECURE.

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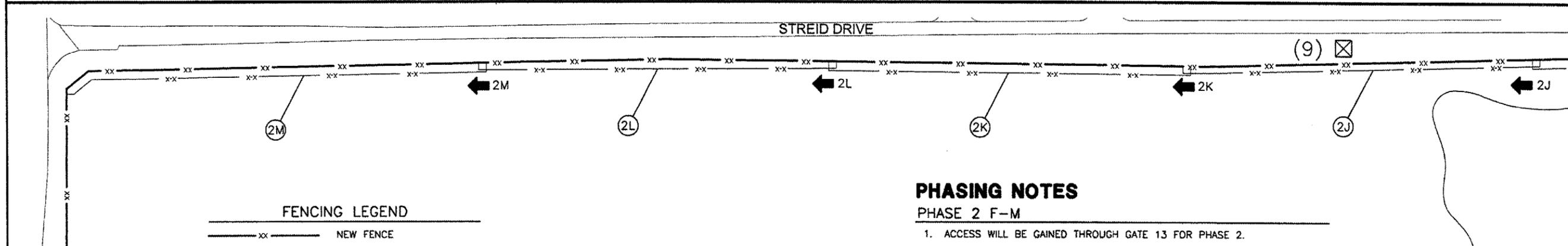
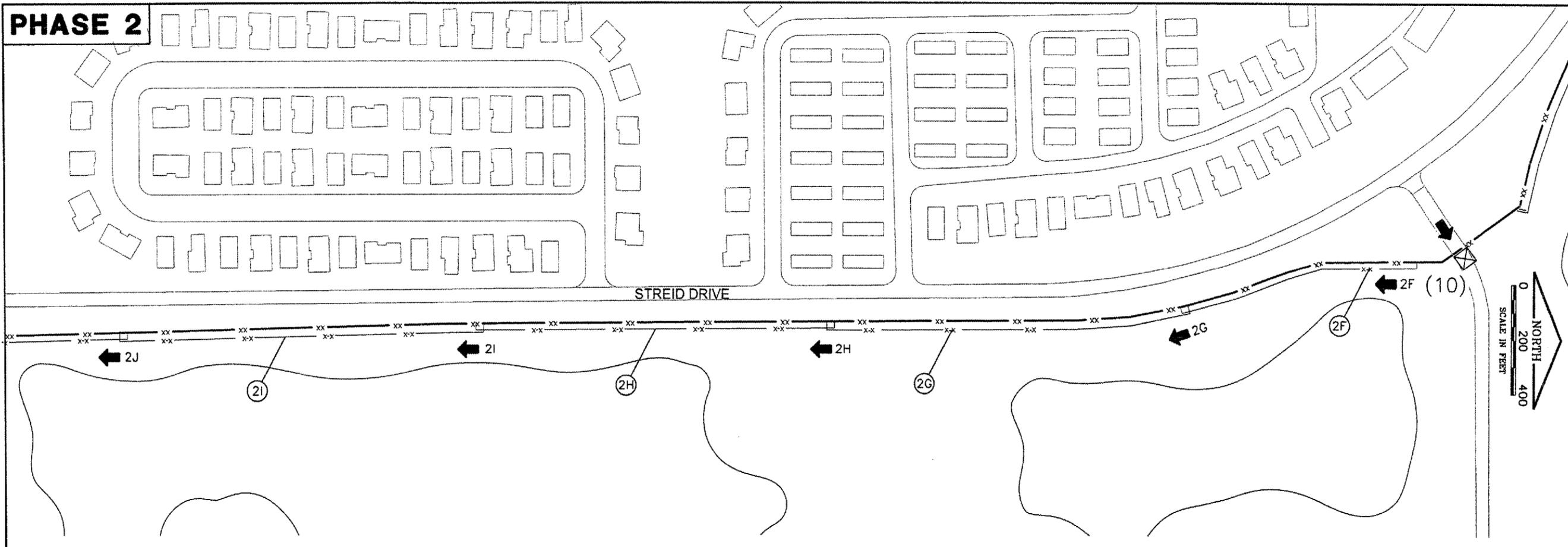
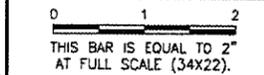
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CHECKED BY:	CBG
APPROVED BY:	RW
DATE:	MAY 9, 2008
JOB No:	0708506

PHASE 2

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 BASE_FENCE
 KEYMAP

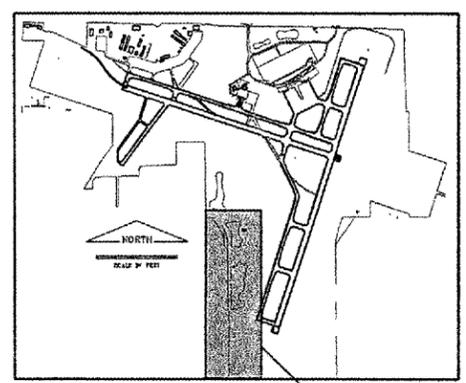
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NUMBER	BY	DATE



FENCING LEGEND

	NEW FENCE
	TEMPORARY FENCE
	EXISTING FENCE
	SUB-PHASE
	ACCESS ROUTE FOR PHASE
	EXISTING GATE



KEYMAP THIS SHEET

PHASING NOTES

PHASE 2 F-M

1. ACCESS WILL BE GAINED THROUGH GATE 13 FOR PHASE 2.
2. PHASE 2 HAS BEEN BROKEN INTO SMALLER SUB PHASES APPROXIMATELY 650' LONG.
3. NO MORE THAN 3 CONSECUTIVE SUB PHASES MAY BE CONSTRUCTED SIMULTANEOUSLY.
4. PRIOR TO THE START OF CONSTRUCTION SUB PHASES ADJACENT TO RESIDENTIAL AREAS, CONTRACTOR SHALL IDENTIFY AREAS THAT MAY NOT ALLOW THE PROPER CONSTRUCTION OF THE FENCE. CONTRACTOR SHALL WORK WITH THE AIRPORT THROUGH THE ENGINEER TO RESOLVE ANY RESIDENT AREA CONSTRUCTION LOCATION CONFLICTS.
5. PHASING ADDITIVE ALTERNATE CONSTRUCTION WILL CONTINUE IN A SIMILAR MANNER, AS PREVIOUS PHASES.

BLOOMINGTON-NORMAL AIRPORT AUTHORITY
CENTRAL ILLINOIS REGIONAL AIRPORT
BLOOMINGTON, ILLINOIS
UPGRADE PERIMETER FENCE PHASE 2
CONSTRUCTION ACTIVITY PLAN
PHASE 2 F-M

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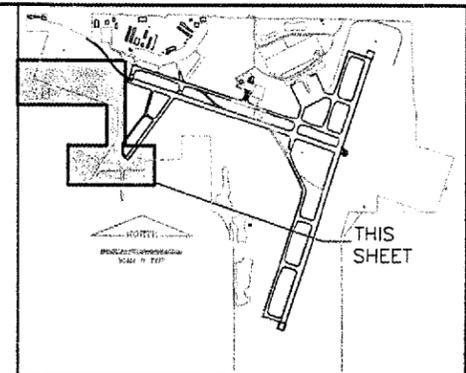
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APPROVED BY:	RW
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SHEET 07 OF 16 SHEETS	

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LEGEND

— X —	EXISTING FENCE
(-) X	GATE
□	INLET
~~~~~	VEGETATION
●	BUSH
○	TREE
⊙	EVERGREEN
—○—	CROPLINE
—○—	UTILITIES
⊕	POWER POLE
□ JB	JB TELEPHONE PEDESTAL
⊕ JB	ELECTRIC JUNCTION



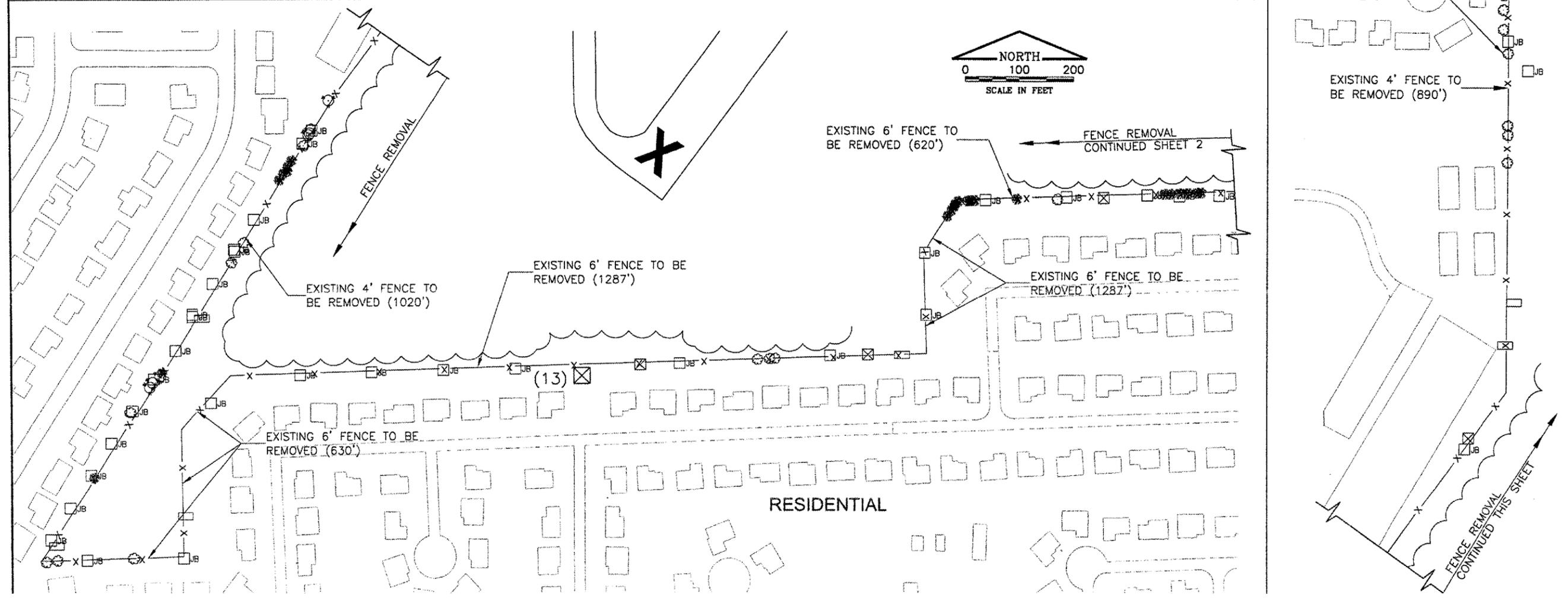
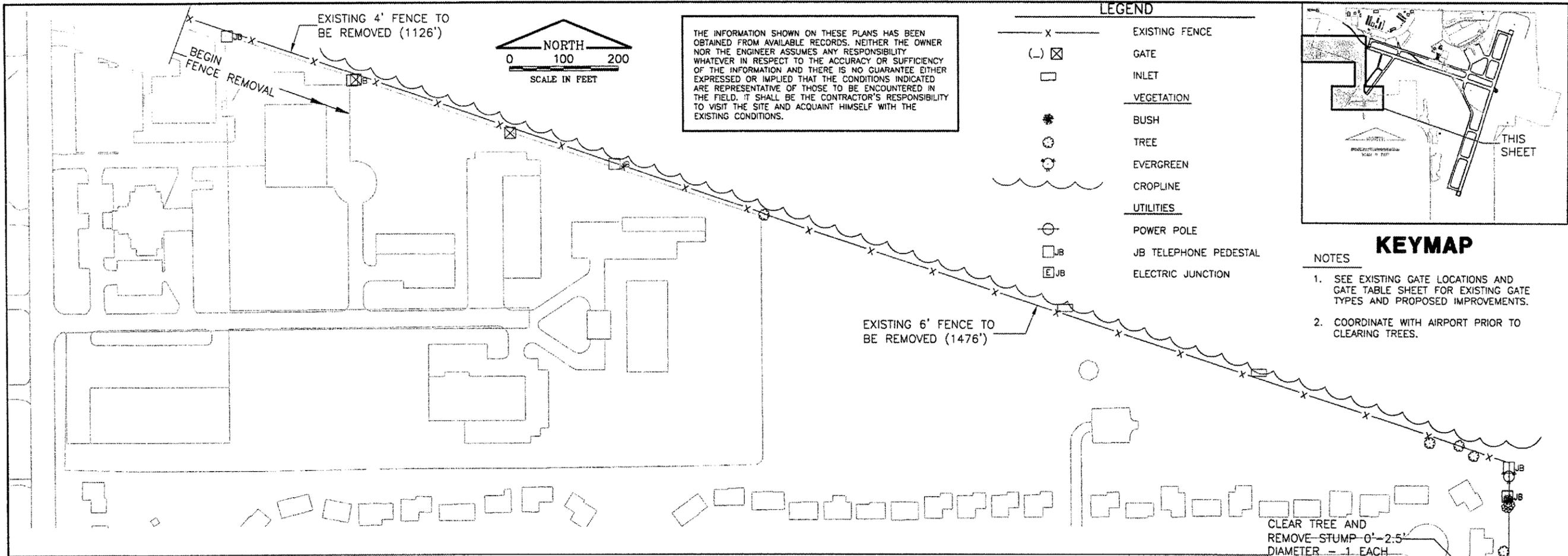
- KEYMAP**
- NOTES
- SEE EXISTING GATE LOCATIONS AND GATE TABLE SHEET FOR EXISTING GATE TYPES AND PROPOSED IMPROVEMENTS.
  - COORDINATE WITH AIRPORT PRIOR TO CLEARING TREES.

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 UPDATE BY: Chris Groth  
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 surveytopo  
 BASE_EXISTGEO  
 Security-Base  
 EPFenceBase  
 KEYMAP

**BL062**

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NUMBER	BY	DATE

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



**BLOOMINGTON-NORMAL AIRPORT AUTHORITY**  
**CENTRAL ILLINOIS REGIONAL AIRPORT**  
**BLOOMINGTON, ILLINOIS**  
**UPGRADE PERIMETER FENCE PHASE 2**  
**EXISTING CONDITIONS AND REMOVALS**  
**SHEET 1**

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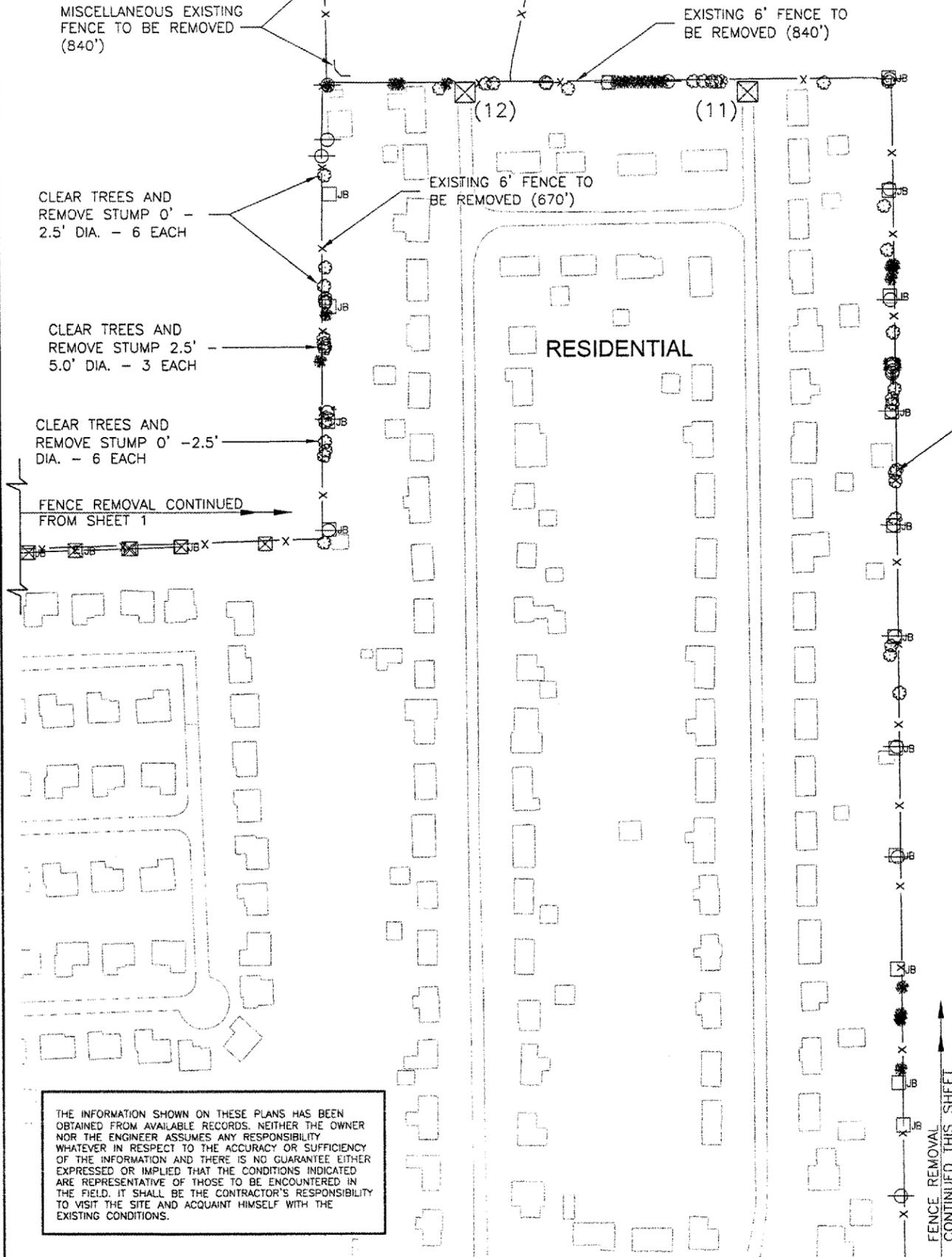
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DATE:	MAY 9, 2008
JOB No:	0708506
BMI-3599 3-17-0006-XX	

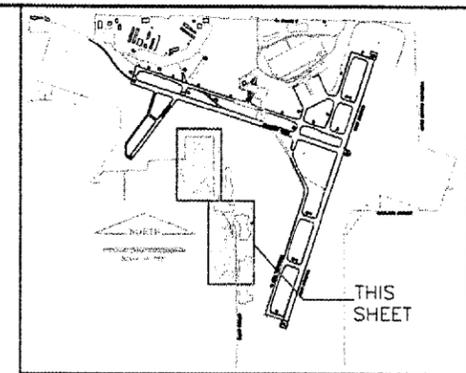
SHEET 08 OF 16 SHEETS



- NOTES**
1. SEE EXISTING GATE LOCATIONS AND GATE TABLE SHEET FOR EXISTING GATE TYPES AND PROPOSED IMPROVEMENTS.
  2. COORDINATE WITH AIRPORT PRIOR TO CLEARING TREES.



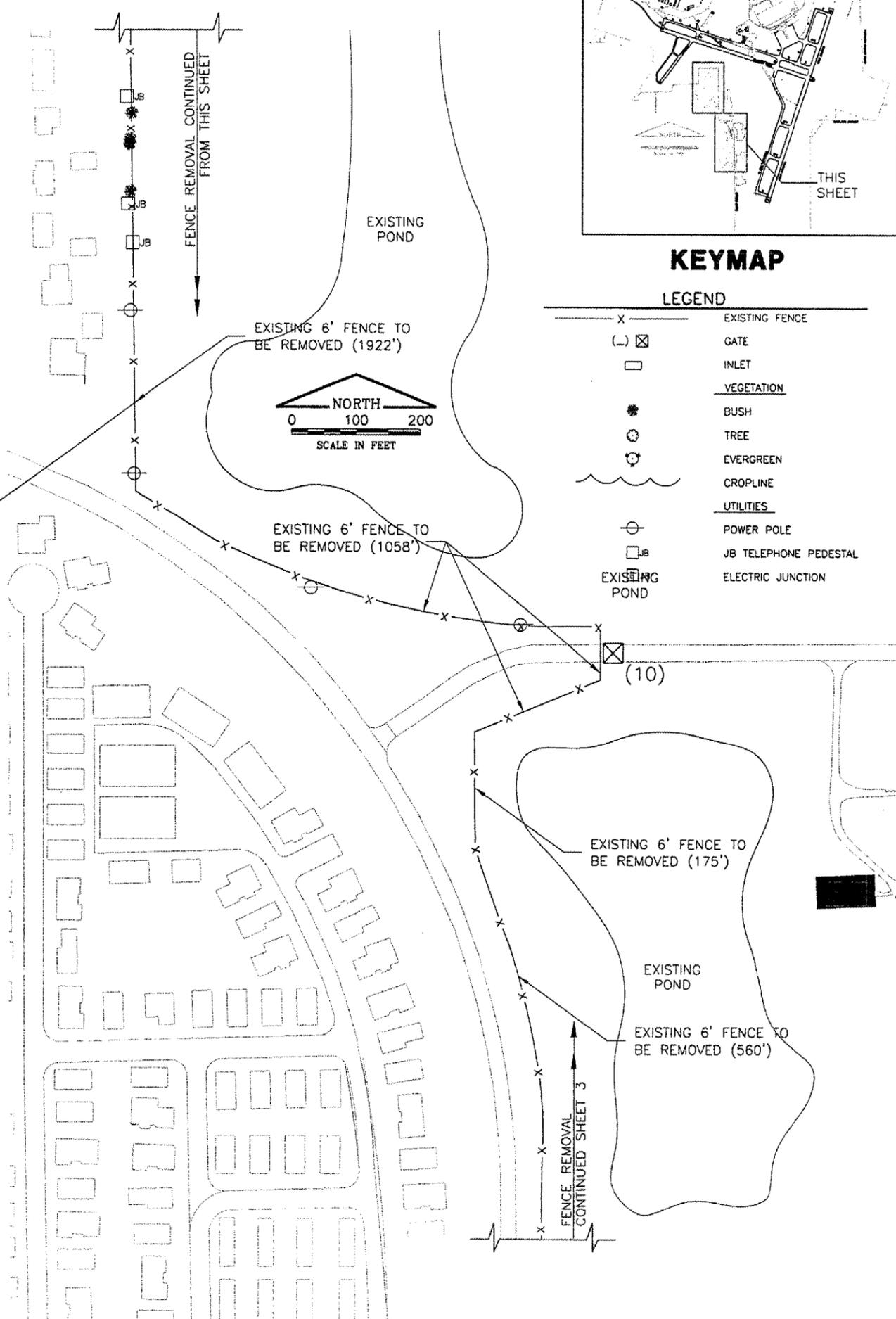
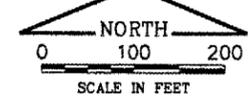
FENCE REMOVAL CONTINUED THIS SHEET



**KEYMAP**

**LEGEND**

— X —	EXISTING FENCE
(-) X	GATE
□	INLET
<b>VEGETATION</b>	
●	BUSH
⊙	TREE
⊖	EVERGREEN
~~~~~	CROPLINE
UTILITIES	
⊕	POWER POLE
□ JB	JB TELEPHONE PEDESTAL
⊖	ELECTRIC JUNCTION
⊖	EXISTING POND

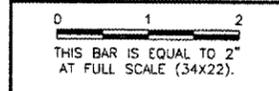


FENCE REMOVAL CONTINUED SHEET 3

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 PLOT DATE: 4/16/2008 7:44 PM
 surveytopo
 BASE_EXISTGEO
 Security-Base
 EPCFenceBase
 KEYMAP

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 CENTRAL ILLINOIS REGIONAL AIRPORT
 BLOOMINGTON, ILLINOIS

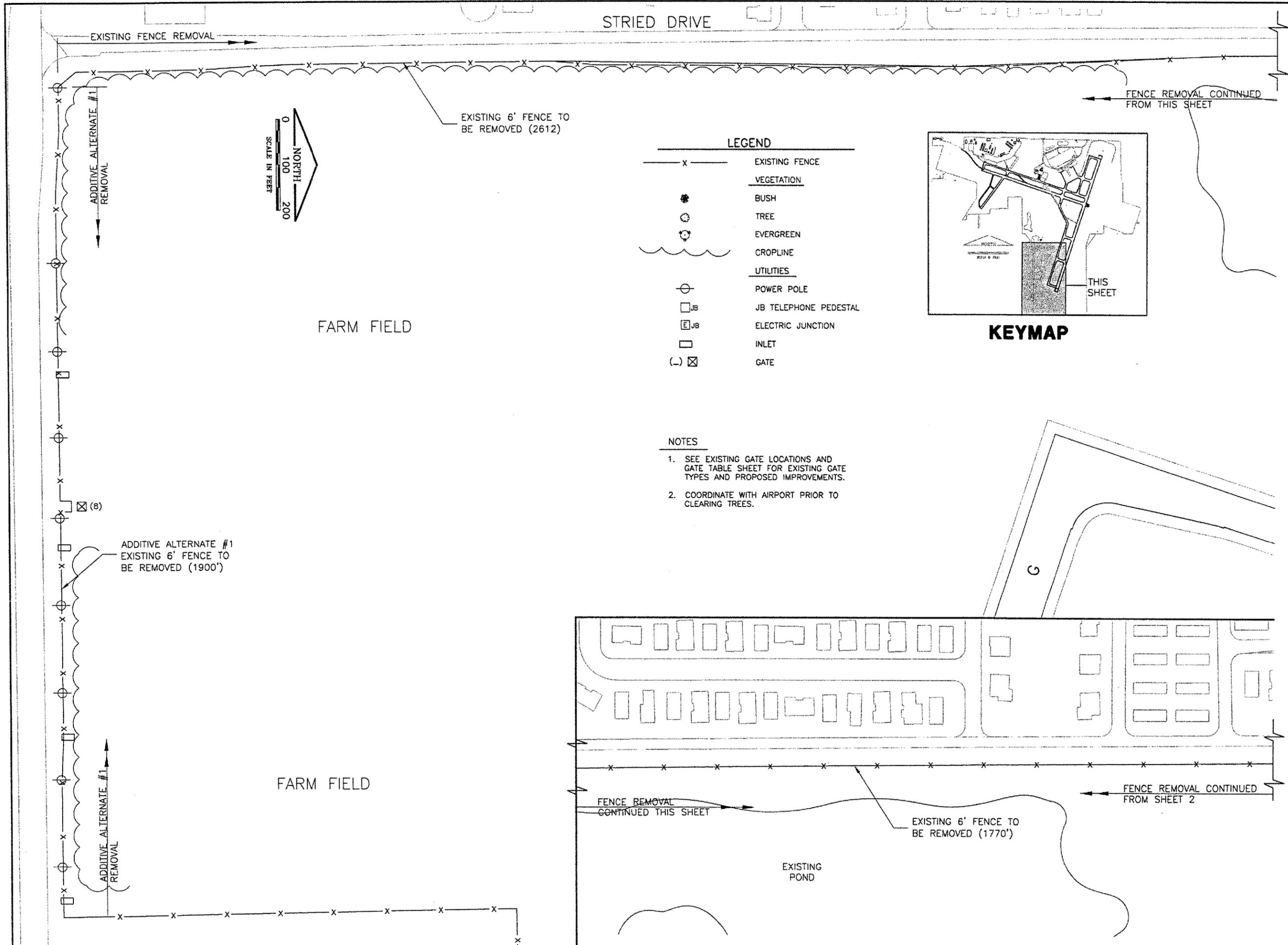
UPGRADE PERIMETER FENCE PHASE 2
 EXISTING CONDITIONS AND REMOVALS
 SHEET 2

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DESIGN BY: CBG
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 CHECKED BY: *ABC*
 APPROVED BY: *RLV*
 DATE: MAY 9, 2008
 JOB No: 0708506

BMI-3599
 3-17-0006-XX

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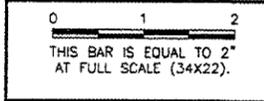


STRIED DRIVE

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 survey\topo
 BASE_EXISTGEO
 Security-Base
 EPFenceBase
 KEYMAP

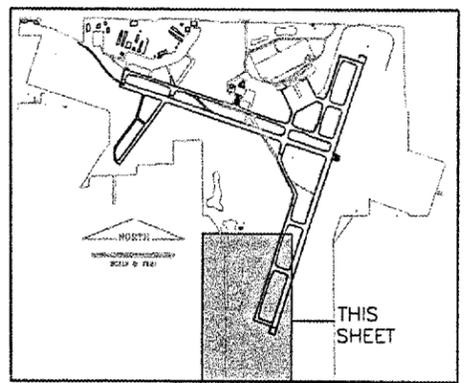
BL062

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LEGEND

— x —	EXISTING FENCE
VEGETATION	
●	BUSH
○	TREE
⊙	EVERGREEN
~~~~~	CROPLINE
<b>UTILITIES</b>	
⊖	POWER POLE
□ JB	JB TELEPHONE PEDESTAL
⊞ JB	ELECTRIC JUNCTION
□	INLET
(-) ⊞	GATE



**KEYMAP**

- NOTES**
1. SEE EXISTING GATE LOCATIONS AND GATE TABLE SHEET FOR EXISTING GATE TYPES AND PROPOSED IMPROVEMENTS.
  2. COORDINATE WITH AIRPORT PRIOR TO CLEARING TREES.

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UPGRADE PERIMETER FENCE PHASE 2

EXISTINGS CONDITIONS AND REMOVALS  
 SHEET 3

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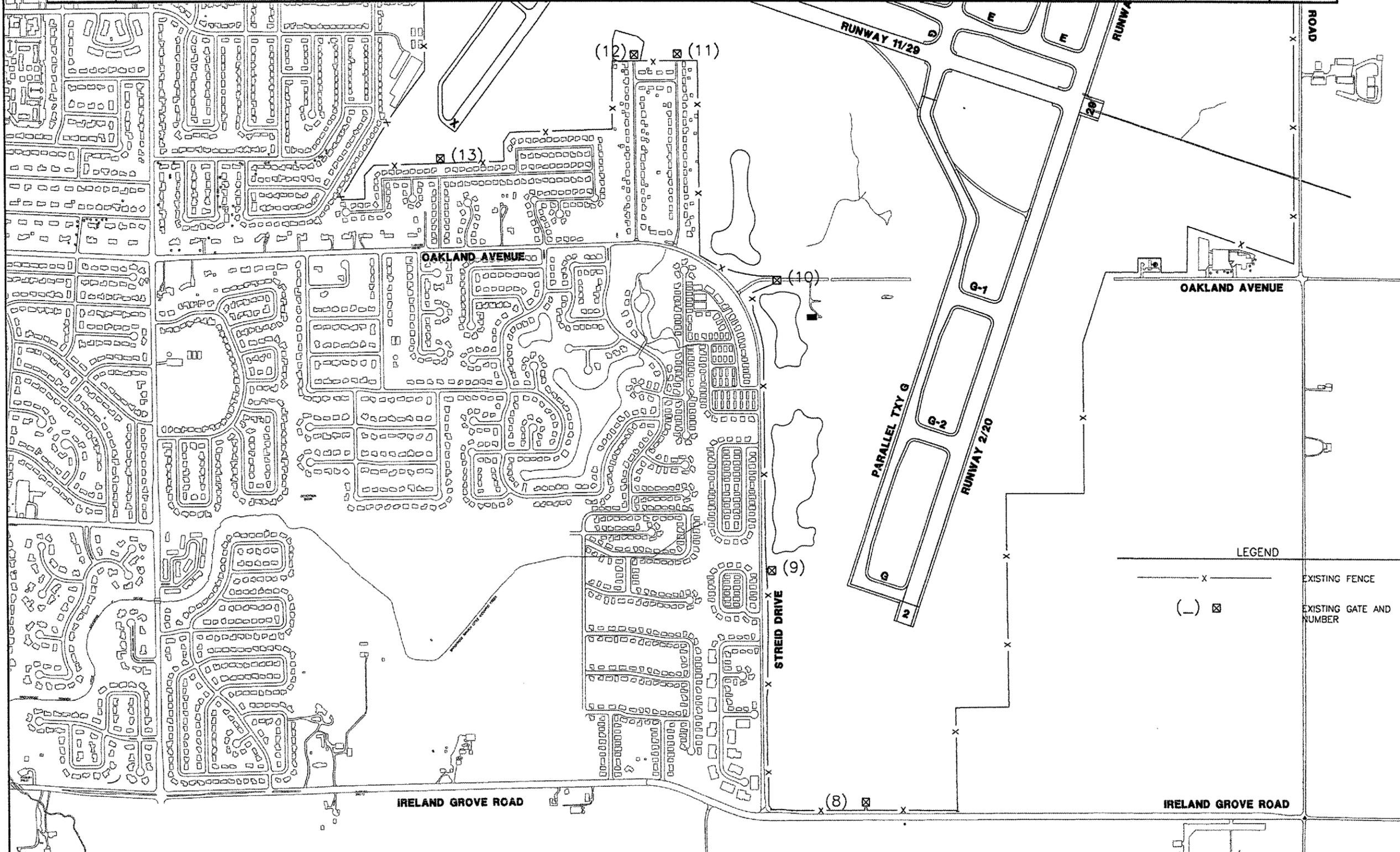
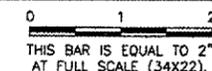
BMI-3599  
 3-17-0005-XX  
 SHEET 10 OF 16 SHEETS

GATE #	GATE DESCRIPTION AND LOCATION	EXISTING GATE TYPE	PROPOSED IMPROVEMENT	PAY ITEM	PHASE
8	RUNWAY 2 APPROACH	24' x 6' VEHICLE SWING GATE	24' x 10' DOUBLE SWING VEHICLE GATE - ADDITIVE ALTERNATE	AS162624	4D
9	STREID DRIVE SOUTH POND	24' x 6' VEHICLE SWING GATE	24' x 10' DOUBLE SWING VEHICLE GATE - CHAIN LINK BASE BID	AR162624	1A
10	OAKLAND AVENUE	24' X 6' VEHICLE SWING GATE	24' x 10' DOUBLE SWING VEHICLE GATE - CHAIN LINK BASE BID	AR162624	1E
11	STANDISH DRIVE	24' X 4' VEHICLE SWING GATE	24' x 8' DOUBLE SWING VEHICLE GATE - VINYL COATED BASE BID	AR162324	1E
12	PRISCILLA LANE	24' X 4' VEHICLE SWING GATE	REMOVE	AR162905	3D
13	WATERFORD ESTATES DRIVE	24' X 4' VEHICLE SWING GATE	24' x 8' DOUBLE SWING VEHICLE GATE - VINYL COATED BASE BID	AR162324	3C

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 BLOOMINGTON, ILLINOIS

UPGRADE PERIMETER FENCE PHASE 2

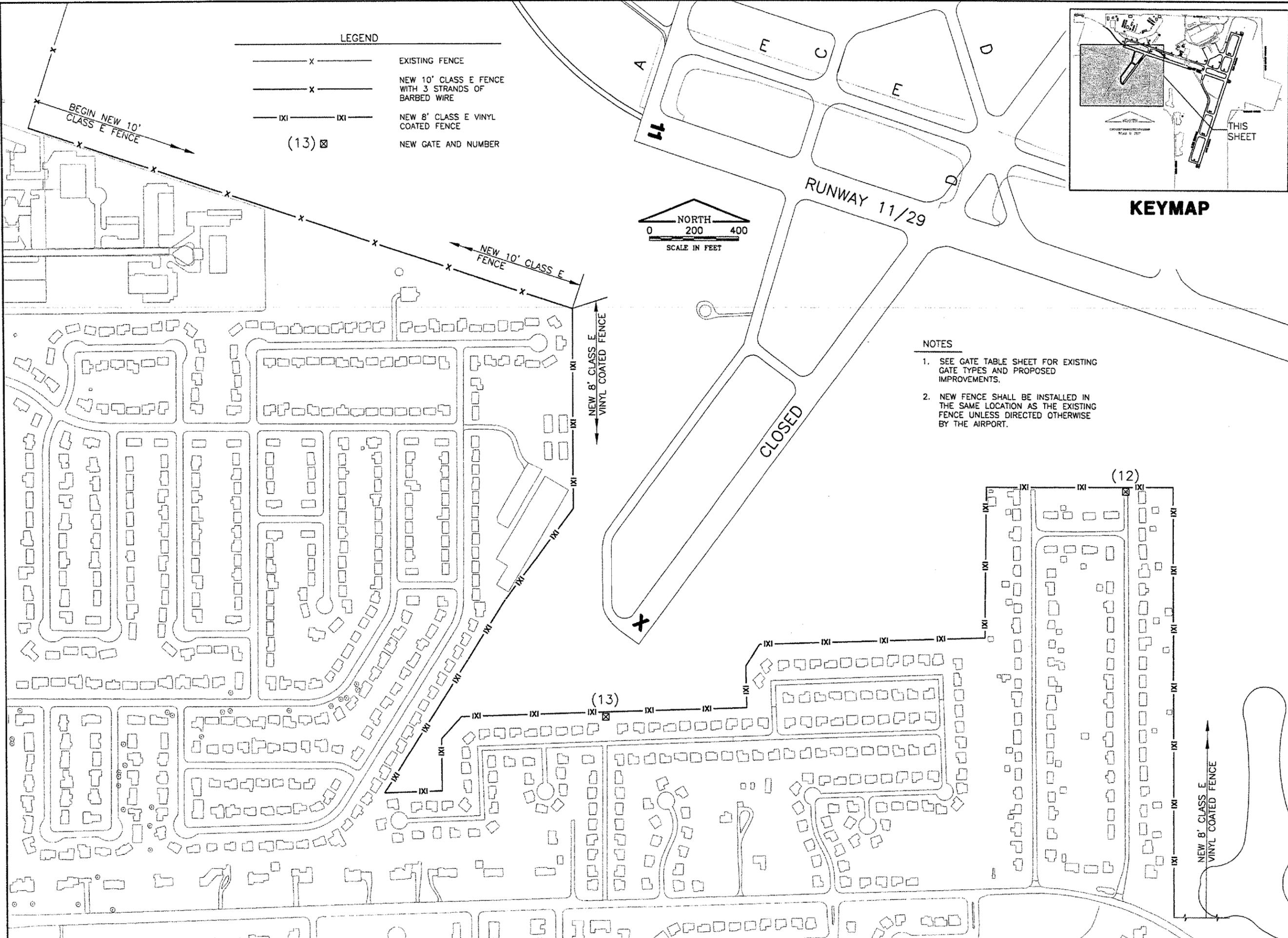
EXISTING GATE LOCATIONS AND GATE TABLE

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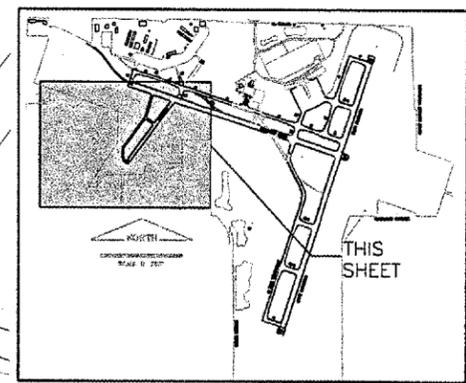


**LEGEND**

— X —	EXISTING FENCE
— X —	NEW 10' CLASS E FENCE WITH 3 STRANDS OF BARBED WIRE
— IXI — IXI —	NEW 8' CLASS E VINYL COATED FENCE
(13) ☒	NEW GATE AND NUMBER



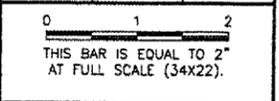
- NOTES**
- SEE GATE TABLE SHEET FOR EXISTING GATE TYPES AND PROPOSED IMPROVEMENTS.
  - NEW FENCE SHALL BE INSTALLED IN THE SAME LOCATION AS THE EXISTING FENCE UNLESS DIRECTED OTHERWISE BY THE AIRPORT.



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UPDATE BY: Chris Groth  
PLOT DATE: 4/16/2008 7:56 PM  
surveytopo  
BMI 2009-2013 TIPS  
BASE_EXISTGEO  
Security-Bose  
KEYMAP

**BL062**

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UPGRADE PERIMETER FENCE PHASE 2  
PROPOSED FENCE IMPROVEMENTS 1

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APPROVED BY: *RLV*  
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JOB No: 0708506

BMI-3599  
3-17-0006-XX  
SHEET 12 OF 16 SHEETS

**BL062**

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NUMBER	BY	DATE

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

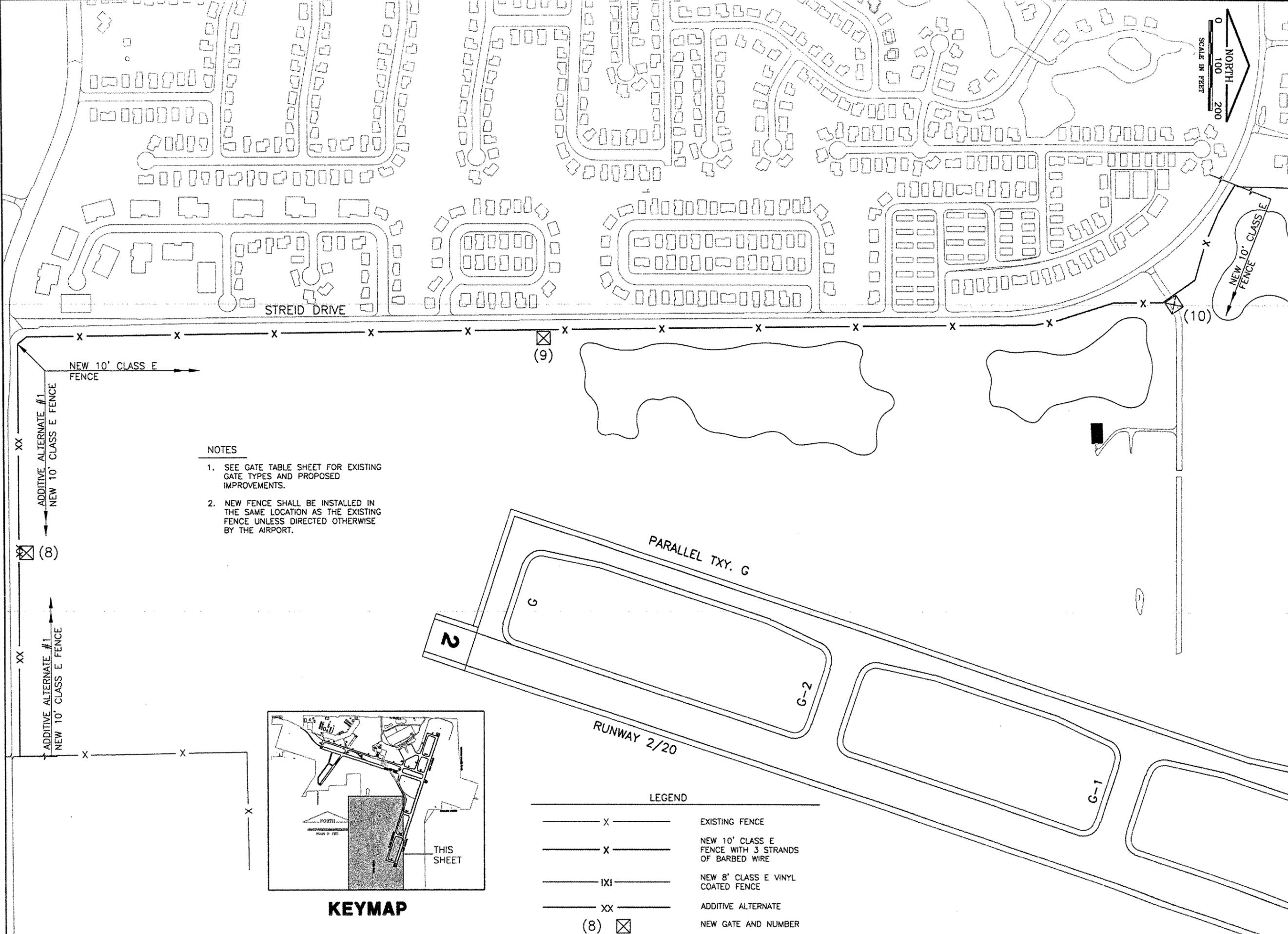
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 BLOOMINGTON, ILLINOIS**

**UPGRADE PERIMETER FENCE PHASE 2  
 PROPOSED FENCE IMPROVEMENTS 2**

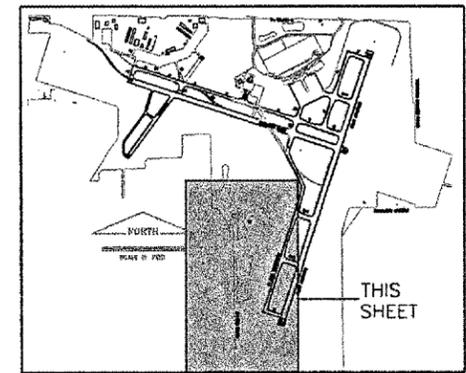
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BMI-3599  
 3-17-0006-XX  
 SHEET 13 OF 16 SHEETS



- NOTES**
- SEE GATE TABLE SHEET FOR EXISTING GATE TYPES AND PROPOSED IMPROVEMENTS.
  - NEW FENCE SHALL BE INSTALLED IN THE SAME LOCATION AS THE EXISTING FENCE UNLESS DIRECTED OTHERWISE BY THE AIRPORT.



**KEYMAP**

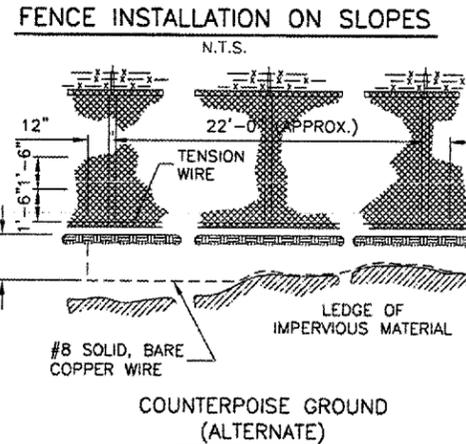
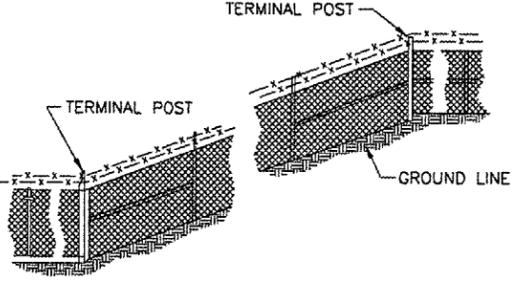
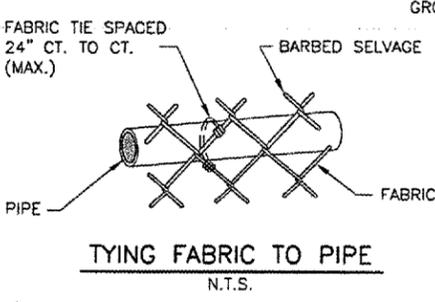
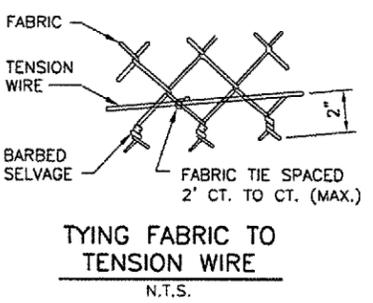
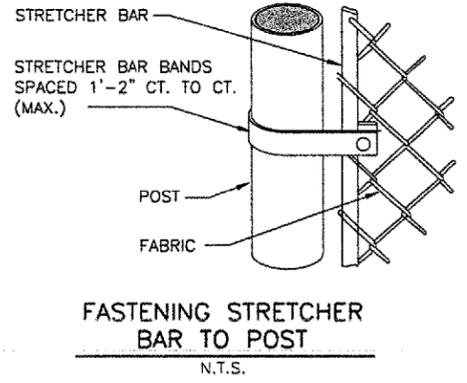
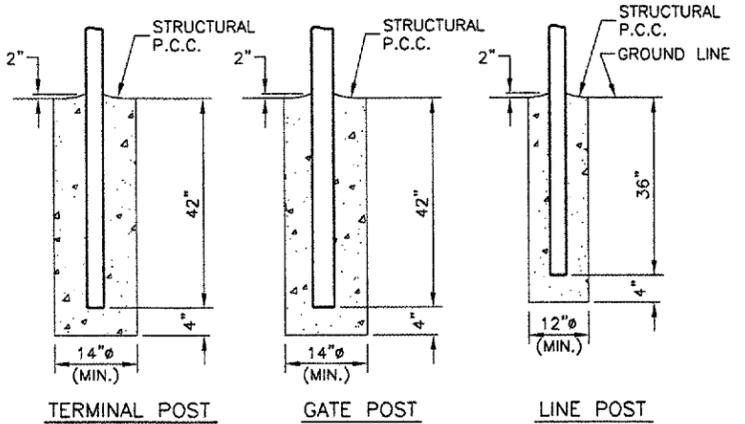
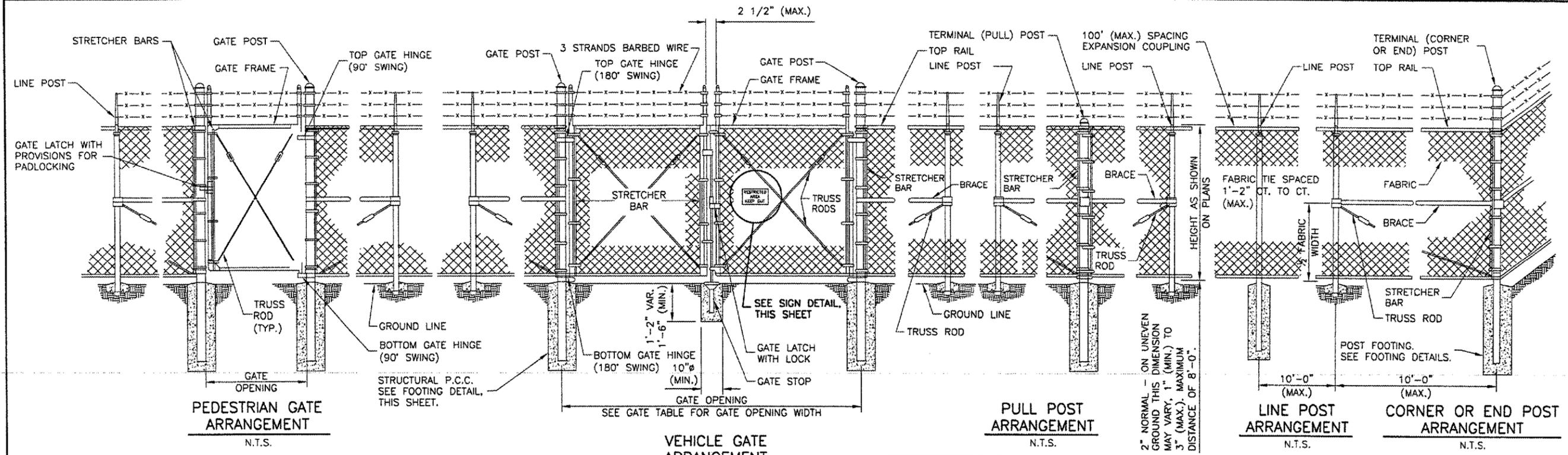
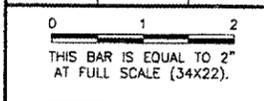
**LEGEND**

— X —	EXISTING FENCE
— X —	NEW 10' CLASS E FENCE WITH 3 STRANDS OF BARBED WIRE
— IXI —	NEW 8' CLASS E VINYL COATED FENCE
— XX —	ADDITIVE ALTERNATE
(8) ⊠	NEW GATE AND NUMBER

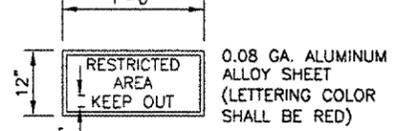
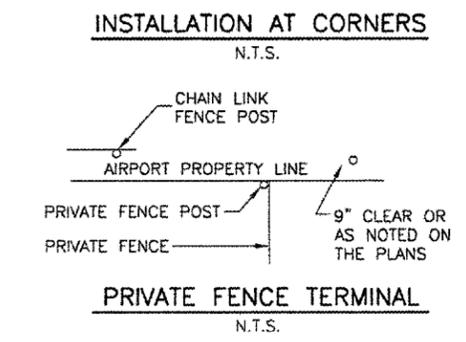


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NUMBER	BY	DATE



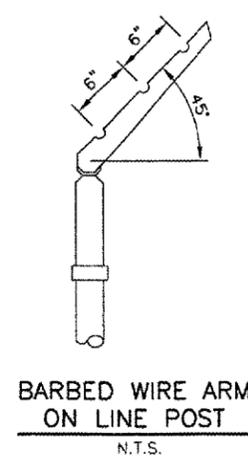
WHERE FENCE LINE HAS A CHANGE IN DIRECTION OF 15° OR MORE, A TERMINAL POST SHALL BE PLACED AS SHOWN ABOVE. WHERE ANGLE IS LESS THAN 15° AND EXISTING CONDITIONS REQUIRE A TERMINAL POST, THEY SHALL BE PLACED AS DIRECTED BY THE ENGINEER.



EACH GATE SHALL REQUIRE TWO SIGNS. EVERY 100' OF FENCE SHALL REQUIRE ONE SIGN. EVERY STRAIGHT SECTION OF FENCE SHALL REQUIRE MINIMUM ONE SIGN.

**SIGN DETAIL**  
N.T.S.

- NOTES**
1. CONTINUOUS FENCE SHALL BE GROUNDED AT INTERVALS NOT EXCEEDING 1000 FT. EXCEPT THERE SHALL BE A GROUND NOT EXCEEDING 100 FT. FROM GATE IN EACH SECTION OF THE FENCE ADJACENT TO THE GATE.
  2. FENCE UNDER POWER LINES SHALL BE GROUNDED BY 3 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 CROSSINGS.
  3. THE COUNTERPOISE SHALL BE USED ONLY WHERE IT IS IMPOSSIBLE TO DRIVE A GROUND ROD BECAUSE OF IMPERVIOUS EARTH STRUCTURES.
  4. 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.
  5. ALL PROPOSED CLASS E FENCE SHALL MEET THE REQUIREMENTS OF IDOT STANDARD 564001-01.



**BARBED WIRE ARM ON LINE POST**  
N.T.S.

BLOOMINGTON-NORMAL AIRPORT AUTHORITY  
 CENTRAL ILLINOIS REGIONAL AIRPORT  
 BLOOMINGTON, ILLINOIS

UPGRADE PERIMETER FENCE PHASE 2  
 FENCING DETAILS 1

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APPROVED BY:	RLW
DATE:	MAY 9, 2008
JOB No:	0708506
BMI-3599 3-17-0006-XX	
SHEET 15 OF 16 SHEETS	

**BL062**

REVISIONS		
NUMBER	BY	DATE

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 THIS BAR IS EQUAL TO 2"  
 AT FULL SCALE (34x22).

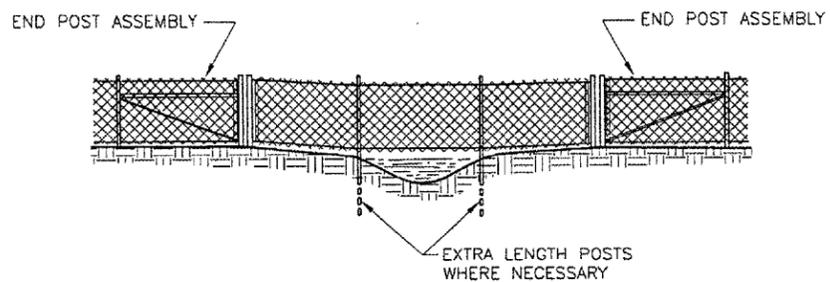
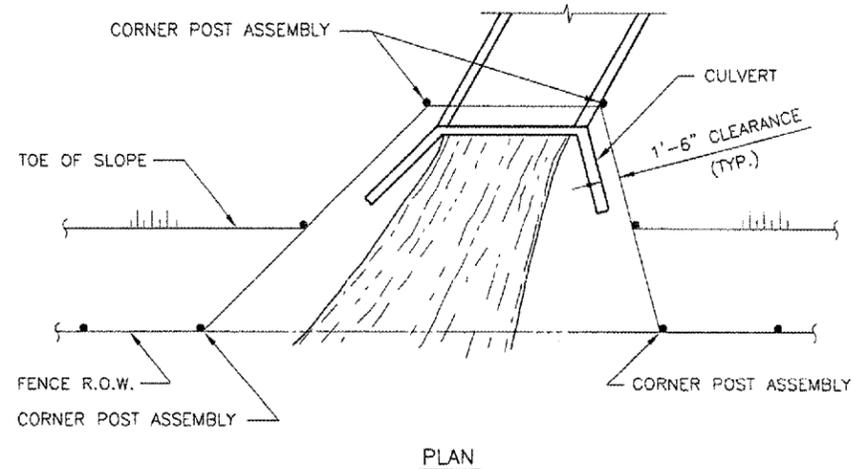
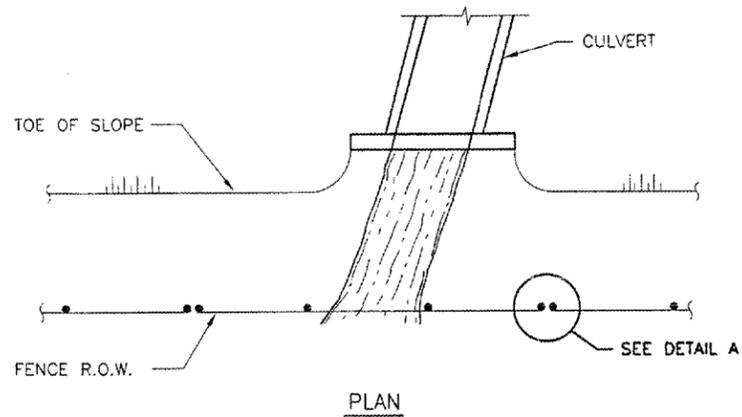
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UPGRADE PERIMETER FENCE PHASE 2  
 FENCING DETAILS 2

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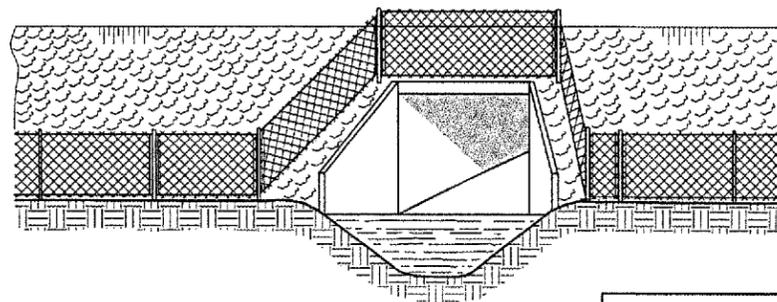
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 CHECKED BY: *CBG*  
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 JOB No: 0708506

BMI-3599  
 3-17-0006-XX



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

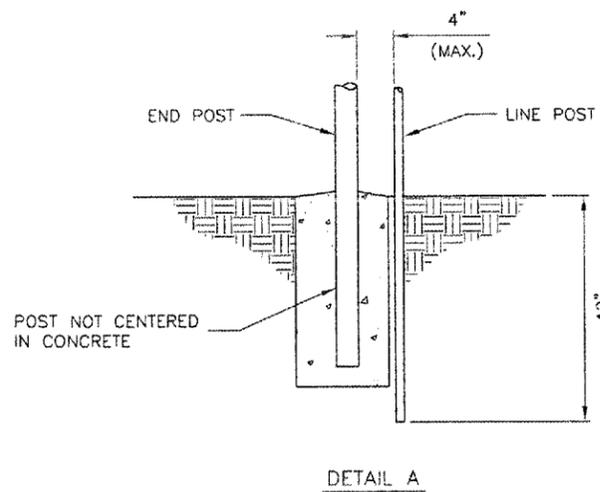
ELEVATION



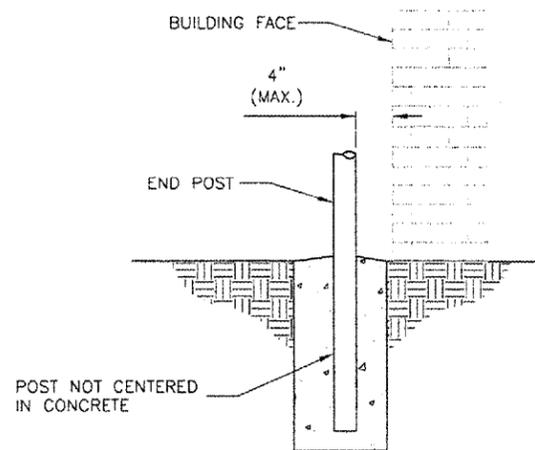
WHEN THE WIDTH OF THE CULVERT MAKES IT NECESSARY TO ANCHOR A POST TO THE TOP OF THE CULVERT, A CAST IRON SHOE OR OTHER DEVICE APPROVED BY THE ENGINEER SHALL BE USED.

ELEVATION

FENCE INSTALLATION AROUND HEADWALL DETAILS  
 N.T.S.



FENCE INSTALLATION OVER STREAM DETAILS  
 N.T.S.



FENCE INSTALLATION AT BUILDING FACE  
 N.T.S.