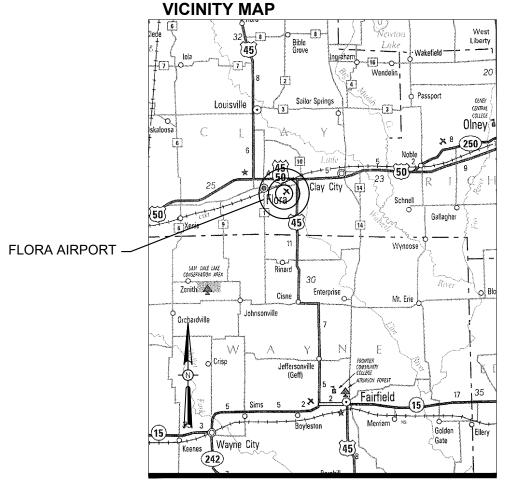
CONSTRUCTION PLANS

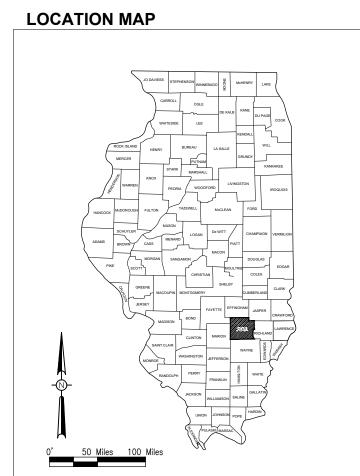
REMOVE OBSTRUCTIONS TO RUNWAY END 21

AIRPORT AUTHORITY OF FLORA, ILLINOIS FLORA AIRPORT (FOA) FLORA, CLAY COUNTY, ILLINOIS

IDA PROJECT NO.: FOA-4526

AIP PROJECT NO.: 3-17-SBGP-99/105





NOTICE TO CONTRACTORS AND BIDDERS

THESE CONSTRUCTION PLANS RELY UPON THE SPECIAL PROVISIONS AND THE SPECIFICATIONS TO PROVIDE FOR A COMPLETE DESCRIPTION OF THE WORK AND CONSTRUCTION REQUIREMENTS. THE PLANS SHALL ONLY BE USED IN COMBINATION WITH ALL CONTRACT DOCUMENTS.

		I .		
No.				
No.	Issue/Description	Sheets Changed	Date	Ву

HANSON

HANSON PROFESSIONAL SERVICES INC. 1525 South Sixth Street Springfield, Illinois 62703 Telephone: 217.788.2450 Fax: 217.788.2503 Date of Plans
March 3, 2017

CERT A. WALLENGTS

March 3, 2017

Robert A. Waller, P.E.

Date

AIRPORT AUTHORITY OF FLORA, ILLINOIS
Flora Airport
1 Airport Road
Flora, Illinois 62839-3430
Telephone: 616.662.2823

March 3, 2017
Date
Authority Chairman

SUMMARY OF QUANTITIES					
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	AS-BUILT QUANTITY	
AR151429	STUMP REMOVAL 0.0-2.5 FT. DIA.	EA.	5		
AR151431	STUMP REMOVAL 2.5 - 5.0 FT. DIAM.	EA.	7		
AR151460	MISC. CLEARING	L.S.	1		
AR152610	BUILDING DEMOLITION	L.S.	1		
AR760999	WELL ABANDONMENT	EA.	1		
AR770908	REMOVE SEPTIC SYSTEM	L.S.	1		

INDEX TO SHEETS				
SHEET NUMBER	SHEET TITLE			
1	COVER SHEET			
2	SHEET INDEX AND SUMMARY OF QUANTITIES			
3	CONSTRUCTION SAFETY AND PHASING PLAN			
4	DEMOLITION PLAN			



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Illinois Licensed Professional Service Corporation #184-001084

FLORA AIRPORT

1 AIRPORT ROAD FLORA, ILLINOIS 62839

REMOVE OBSTRUCTIONS TO RUNWAY 21

IDA No.: FOA-4526 AIP No.: 3-17-SBGP-99/105

Contract No. FL032

	NO.	DATE	DESCRIPTION			
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į	ISSUE: MARCH 3, 2017					
Ì	PROJECT NO: 16A0034D					

CAD FILE: G-002-FLP.DWG DESIGN BY: RAW 01/19/17 DRAWN BY: RAW 01/23/17

REVIEWED BY:KBS 03/03/2017

SHEET TITLE

SHEET INDEX AND SUMMARY OF QUANTITIES

HAUL ROUTE AND VEHICLE PARKING

THE CONTRACTOR WILL USE THE AGGREGATE DRIVE AND ENTRANCE TO THE PROPERTY AS THE DESIGNATED HAUL ROUTE. THE CONTRACTOR SHALL PARK EQUIPMENT AND PLACE MATERIALS WITHIN THE LIMITS OF THE SUBJECT PROPERTY. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE PROPOSED HAUL ROUTE AND SUBJECT PROPERTY THROUGHOUT THE COURSE OF THE PROJECT. ANY AREAS DAMAGED OUTSIDE OF THESE AREAS WILL BE REPAIRED BY THE CONTRACTOR AND AT THE CONTRACTOR'S OWN EXPENSE. AT THE CONCLUSION OF THE PROJECT THE CONTRACTOR WILL RESTORE THE HAUL ROUTE AND PARKING AREA TO ITS ORIGINAL STATE. RESTORATION OF THE HALL ROLLTE AND ANY AREAS LISED FOR PARKING WILL BE CONSIDERED. INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE

CONTRACTOR RESPONSIBILITIES

ALL WORK PERFORMED SHALL BE DONE IN A ORDERLY AND EFFECTIVE MANNER USING EQUIPMENT OF LESS THAN 25' TO PREVENT RUNWAY

ALL CONSTRUCTION EQUIPMENT ON THE AIRPORT SHALL BE MARKED, LIGHTED AND/OR FLAGGED IN ACCORDANCE WITH AC 150/5210-5 AND 70/7460-1.

TRENCHES OR HOLES SHALL BE PROTECTED OVERNIGHT.

ANY PERMITS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

ALL COORDINATION WITH UTILITY PROVIDERS, CITY, COUNTY AND STATE DEPARTMENTS OF TRANSPORTATION SHALL BE THE CONTRACTORS RESPONSIBILITY

NO BURNING OF DEBRIS SHALL BE PERMITTED.

LEGEND

EXISTING IMPROVEMENTS

SUBJECT PROPERTY - PROPOSED AREA OF DEMOLITION

SCOPE OF WORK

THIS PROJECT CONSISTS OF DEMOLITION OF ONE ABANDONED RESIDENCE AND THREE OUTBUILDINGS, SITE CLEAN-UP AND DEBRIS REMOVAL, STUMP REMOVAL, WATER WELL ABANDONMENT, AND SEPTIC SYSTEM ABANDONMENT. ASSOCIATED WORK ITEMS INCLUDE SIDEWALK REMOVAL, FENCE REMOVAL, MISCELLANEOUS EQUIPMENT REMOVAL, AND LANDSCAPE RESTORATION.

AIRPORT SECURITY NOTE

AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. THE WORK SHALL NOT REQUIRE THE CONTRACTOR TO ACCESS THE AIRPORT PROPER.

DIVISION OF AERONAUTICS FOR PROCESSING UNTIL ALL CERTIFIED PAYROLLS FOR THE PERIOD HAVE BEEN RECEIVED

SUBJECT PROPERTY

CRITICAL POINT

FLORA MUNICIPAL AIRPORT

MATERIAL TO BE INCORPORATED INTO THE PROJECT CANNOT BE USED WITHOUT PRIOR APPROVAL. ALL MATERIAL TO BE USED IN THE PROJECT MUST BE SUBMITTED TO THE RESIDENT ENGINEER FOR APPROVAL. USE OF MATERIAL WITHOUT PRIOR APPROVAL AND ULTIMATELY DETERMINED TO BE UNACCEPTABLE BY THE ILLINOIS DIVISION OF AERONAUTICAL ARE SUBJECT TO REMOVAL AND/OR NON-PAYMENT.

ENTRANCE

RUNWAY END 21

CERTIFIED PAYROLLS

THE RESIDENT ENGINEER CANNOT FORWARD CONSTRUCTION REPORTS TO THE ILLINOIS

MATERIAL CERTIFICATION

J.U.L.I.E. INFORMATION

COUNTY__ CLAY _FLORA _STANFORD TOWNSHIP SECTION NO._ _29 FLORA AIRPORT ADDRESS_

RR #1 FLORA, ILLINOIS 62839

CRITICAL POINT DATA

LATITUDE: 88' 26' 52.6872" LONGITUDE: 38' 40' 21.1885' ELEVATION: 467.0 M.S.L. CONST. EQUIP. - 25' AGL

> Illinois Licensed Professional Service Corporation #184-001084

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FLORA AIRPORT

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1 AIRPORT ROAD FLORA, ILLINOIS 62839

PROPOSED SAFETY PLAN

GENERAL - THE FLORA AIRPORT IS COMPRISED OF TWO RUNWAYS: A SOD RUNWAY 15-33 AND A PAVED RUNWAY 3-21. THIS PROJECT WILL NOT REQUIRE ACCESSING THE AIRFIELD OR CLOSURE OF ANY AIRFIELD PAVEMENTS, HOWEVER THE CONTRACTOR SHALL BE LIMITED TO AN EQUIPMENT HEIGHT OF 25' ABOVE GROUND WHILE WORKING UNDER THE RUNWAY 21 APPROACH.

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

RADIO CONTROL - THE CONTRACTOR WILL BE REQUIRED TO BE IN TWO-WAY RADIO CONTACT (122.70 MHz.) WITH THE AIRPORT UNICOM. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE FLORA AIRPORT AND ENABLE THE AIRPORT TO IMMEDIATELY CONTACT THE CONTRACTOR IN CASE OF AN AERONAUTIC EMERGENCY THAT WOULD REQUIRE ACTION BY THE CONTRACTOR AND/OR HIS PERSONNEL.

ENGINEER'S FIELD OFFICE NOTES

NO ENGINEER'S FIELD OFFICE WILL BE REQUIRED.

EROSION CONTROL

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

REMOVE **OBSTRUCTIONS TO RUNWAY 21**

IDA No.: FOA-4526 AIP No.: 3-17-SBGP-99/105

Contract No. FL032

	NO	NO. DATE	DESCRIPTION			
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ļ	ISSUE: MARCH 3, 2017					
	PROJECT NO: 16A0034D					
	CAD FILE: G-003SFY.DWG					
	DESIGN BY: RAW 01/24/17					

SHEET TITLE

PROPOSED SAFETY PLAN

DRAWN BY: RAW 01/24/17 REVIEWED BY:KBS 03/03/2017

BUILDING DEMOLITION NOTES

ONE RESIDENCE AND THREE OUTBUILDINGS WILL BE DEMOLISHED IN ACCORDANCE WITH THESE PLANS AND THE SPECIAL PROVISIONS. THE STRUCTURES VARY IN SIZE AND FOUNDATION/FLOOR TYPE, BUT ARE ALL WOODEN IN NATURE. EACH STRUCTURE, INCLUDING THE PAD AND/OR CONCRETE OR CMU FOUNDATION, WILL BE REMOVED IN THEIR ENTIRETY. STRUCTURES CONTAIN ROOF AND WALL SHEATHING MATERIALS OF WOOD, STEEL SHEETING, AND ASPHALT SHINGLES. ALL EQUIPMENT ON AND AROUND THE RESPECTIVE STRUCTURE, INCLUDING EXISTING DEBRIS AND DEBRIS GENERATED FROM THE REMOVAL SHALL BE DISPOSED OF OFFSITE IN A LEGAL MANNER. AN ASBESTOS REPORT IS INCLUDED IN THE SPECIAL PROVISIONS. ABATEMENT OF THE OBSERVED ASBESTOS MATERIAL SHALL BE UNDERTAKEN IN A LEGAL MANNER BY A CERTIFIED HAZARDOUS MATERIAL ABATEMENT SPECIALIST. EACH REMOVAL SITE SHALL BE BACKFILLED WITH WITH AN APPROVED FILL MATERIAL. THE FILL MATERIAL SHALL BE SOIL (COMPACTED), SAND (JETTED), OR PEA GRAVEL OR CHIP (CONSOLIDATED) TO PREVENT FUTURE SETTLEMENT. THE FINAL 6-IN OF BACKFILL SHALL BE ORGANIC TOPSOIL, SMOOTH GRADED TO CONFORM WITH THE ADJACENT GRADES, SEEDED WITH A COMMERCIALLY AVAILABLE SEED AND MULCHED WITH STRAW. A POLE STRUCTURE EXISTS ON THE SITE THAT WILL REMAIN.

DEMOLITION OF THE STRUCTURES, ALL DISPOSAL (INCLUDING PERMITS, FEES, AND COORDINATION), ABATEMENT, BACKFILL, SEEDING, AND MULCHING SHALL BE CONSIDERED INCIDENTAL TO AR152610 — BUILDING DEMOLITION, PER LUMP SUM, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

UTILITY NOTES

ELECTRICAL SERVICE TO THE RESIDENCE HAS BEEN DISCONNECTED. ELECTRICAL TO THE EXISTING POLE STRUCTURE IS TO REMAIN. THE REMAINING POLES ON THE SITE THAT ARE NOT UTILIZED BY THE OWNER AND NOT OWNED BY THE UTILITY SHALL BE REMOVED, INCLUDING ANY FOUNDATIONS AND/OR PORTIONS THAT ARE BELOW GRADE, AND BACKFILLED WITH AN APPROVED FILL MATERIAL AND THE SURROUNDING LANDSCAPE RESTORED.

TWO CONCRETE PADS FROM THE PREVIOUS PROPANE TANKS WILL BE REMOVED AND BACKFILLED, IF NEEDED, TO PROVIDE A SMOOTH GRADE

REMOVAL OF THE REMAINING UTILITY RELATED FEATURES ON SITE, ALL DISPOSAL (INCLUDING PERMITS, FEES, AND COORDINATION), BACKFILL, SEEDING, AND MULCHING SHALL BE CONSIDERED INCIDENTAL TO AR151460 — MISC. CLEARING, PER LUMP SUM, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

SEPTIC SYSTEM ABANDONMENT NOTES

A SEPTIC SYSTEM THAT PREVIOUSLY SERVED THE RESIDENCE WILL BE ABANDONED IN ACCORDANCE WITH AND COORDINATED THROUGH THE ILLINOIS DEPARTMENT OF PUBLIC HEALTH AND ALL OTHER LOCAL, STATE, AND FEDERAL REGULATIONS. ALL PERMITTING, REPORTING AND COORDINATION; STRUCTURE DRAINAGE AND BACKFILL MEASURES, INCLUDING LANDSCAPE RESTORATION, REQUIRED SHALL BE CONSIDERED INCIDENTAL TO AR770908 — REMOVE SEPTIC SYSTEM, PER LUMP SUM, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

WATER WELL ABANDONMENT NOTES

A WATER WELL THAT PREVIOUSLY SERVED THE RESIDENCE WILL BE ABANDONED IN ACCORDANCE WITH AND COORDINATED THROUGH THE ILLINOIS DEPARTMENT OF PUBLIC HEALTH AND ALL OTHER LOCAL, STATE, AND FEDERAL REGULATIONS. ALL PERMITTING, REPORTING, AND COORDINATION; STRUCTURE DRAINAGE AND BACKFILL MEASURES, INCLUDING LANDSCAPE RESTORATION, REQUIRED SHALL BE CONSIDERED INCIDENTAL TO AR760999 — WELL ABANDONMENT, PER EACH, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

MISCELLANEOUS CLEARING NOTES

PREVIOUSLY GENERATED DEBRIS REMAINS ON THE SITE FOLLOWING THE FELLING OF TREES AND THE EVACUATION OF THE PREVIOUS HOMEOWNER FROM THE RESIDENCE. ADDITIONALLY, ANCILLARY SITE ITEMS SUCH AS AN ABANDONED SATELLITE DISH, STEEL POSTS/FOUNDATIONS, SIDEWALKS, FENCED DOG ENCLOSURE, AND OVERGROWN GROUND VEGETATION SHALL BE REMOVED FROM THE SITE, AND THE LANDSCAPE RESTORED BY BACKFILLING TO PROVIDE A SMOOTH TRANSITION TO THE ADJACENT GRADES, SEEDED WITH A COMMERCIALLY AVAILABLE SEED, AND MULCHED WITH STRAW. TO COMPLETE THE MISCELLANEOUS CLEARING THE SITE WILL REQUIRE MOWING OF THE ENTIRE SITE TO PROVIDE A CONSIST VEGETATION HEIGHT OF NO GREATER THAN 6-IN. ALL DEBRIS SHALL BE DISPOSED OF OFFSITE IN A LEGAL MANNER. NO BURNING SHALL BE ALLOWED ON THE SITE.

THE MISCELLANEOUS CLEARING OF THE SITE, ALL DISPOSAL (INCLUDING PERMITS, FEES, AND COORDINATION), BACKFILL, SEEDING, AND MULCHING SHALL BE CONSIDERED INCIDENTAL TO AR151460 - MISC. CLEARING, PER LUMP SUM, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

STUMP REMOVAL NOTES

STUMPS REMAIN ON THE SITE FROM PREVIOUS FELLING OF TREES. FOLLOWING THE REMOVAL OF THE REMAINING FELLED TREES FROM THE SITE (PAID FOR UNDER ITEM AR151460 - MISC. CLEARING) THE STUMPS WILL BE REMOVED. THE STUMP REMOVAL MAY BE BY GRINDING OR EXCAVATION, AND WILL REQUIRE ADDITIONAL CUTTING IF GROUND. IF GRINDING IS UTILIZED THE GRINDING SHALL CONTINUE TO A DEPTH OF 12" BELOW THE ADJACENT GRADE. IF EXCAVATION IS UTILIZED THE ENTIRE ROOT BALL OF THE RESPECTIVE TREE SHALL BE REMOVED.

ALL DEBRIS, MULCH, ETC. RESULTING FROM THE GRINDING SHALL BE REMOVED FROM THE VOID CREATED BY THE GRINDING. ALL SPOIL MATERIAL GENERATED SHALL BE COLLECTED AND REMOVED AND DISPOSED OF OFF-SITE BY THE CONTRACTOR.

THE VOID RESULTING FROM THE STUMP REMOVAL SHALL BE BACKFILLED WITH AN APPROVED TOPSOIL. THE MATERIAL SHALL BE FROM OFF-SITE. THE DISTURBED AREA SHALL BE SEEDED WITH A COMMERCIALLY AVAILABLE SEED AND MULCHED WITH STRAW.

STUMP REMOVAL WITHIN 30-FT OF THE BUILDING TO REMAIN SHALL REQUIRE GRINDING ONLY.

STUMP REMOVAL, ADDITIONAL CUTTING, THE DISPOSAL OF ALL THE DEBRIS, THE BACKFILL AND LANDSCAPE RESTORATION OF THE AREA, SHALL BE PAID FOR IN ACCORDANCE WITH ITEMS AR151429 - STUMP REMOVAL 0.0 FT-2.5 FT DIA., PER EACH, AND AR151431 - STUMP REMOVAL 2.5 FT-5.0 FT DIA., PER EACH, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ENERAL NOTES

ALL STRUCTURES OR FEATURES TO REMAIN SHALL BE PROTECTED TO PREVENT DAMAGE. ANY DAMAGE SUSTAINED SHALL BE REPAIRED OR REPLACED, WITH THE COST BORNE BY THE CONTRACTOR.

THE EXISTING AGGREGATE DRIVE SHALL BE MAINTAINED, AND SHALL BE RESTORED AT THE CONCLUSION OF THE PROJECT. NO RUTS OR DAMAGE SUSTAINED FROM OVERLOADING WILL BE ACCEPTABLE.

AN EXISTING CONDUIT IS EXPOSE IN THE ENTRANCE TO THE PROPERTY AND SHALL BE PROTECTED THROUGHOUT THE PROJECT.

AT THE CONCLUSION OF THE PROJECT THE SITE WILL POSSESS ONE POLE STRUCTURE, AN ASSOCIATED ELECTRICAL SERVICE UTILITY POLE, AN AGGREGATE DRIVE, AND ONE CHERRY TREE. THE REMAINDER OF THE SITE SHALL BE CLEAR OF ALL OTHER OBJECTS AND DEBRIS. ALL VOIDS SHALL BE BACKFILLED, GRADED, COMPACTED, SEEDED AND MULCHED, IN ACCORDANCE WITH THE NOTES ABOVE AND THE SPECIAL PROVISIONS.

ALL DEWATERING REQUIRED TO PERFORM THE REMOVAL, ABANDONMENT AND/OR DEMOLITION OF SITE ITEMS SHALL BE INCIDENTAL TO THE CONTRACT.

CONTRACTOR SHALL REMAIN WITHIN THE BOUNDARY OF THE DEPICTED PROPERTY LINES THROUGHOUT THE PROJECT.



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FLORA AIRPORT

1 AIRPORT ROAD FLORA, ILLINOIS 62839

REMOVE OBSTRUCTIONS TO RUNWAY 21

IDA No.: FOA-4526 AIP No.: 3-17-SBGP-99/105

Contract No. FL032

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NO.	DATE	DESCRIPTION			
NO.		DES	DWN	REV	
ISSUE: MARCH 3, 2017					
PRO IECT NO: 16A0034D					

PROJECT NO: 16A0034D
CAD FILE: C-100 PLAN.DWG
DESIGN BY: RAW 01/19/17
DRAWN BY: RAW 01/24/17

REVIEWED BY:KBS 03/03/2017

SHEET TITLE

DEMOLITION PLAN