

CONSTRUCTION PLANS FOR
VERMILION REGIONAL AIRPORT AUTHORITY
VERMILION REGIONAL AIRPORT
DANVILLE, IL

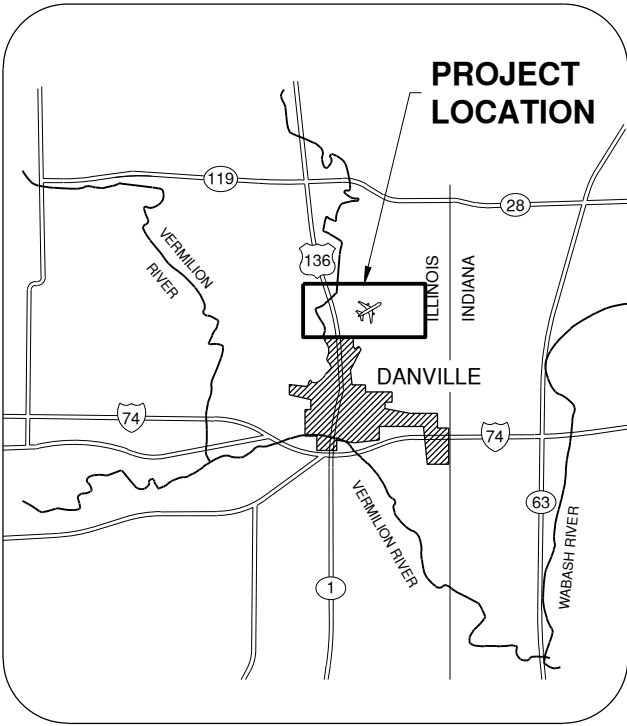
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IL. PROJ. NO: DNV-5250
FED. PROJ. NO. 3-17-SBGP-TBD

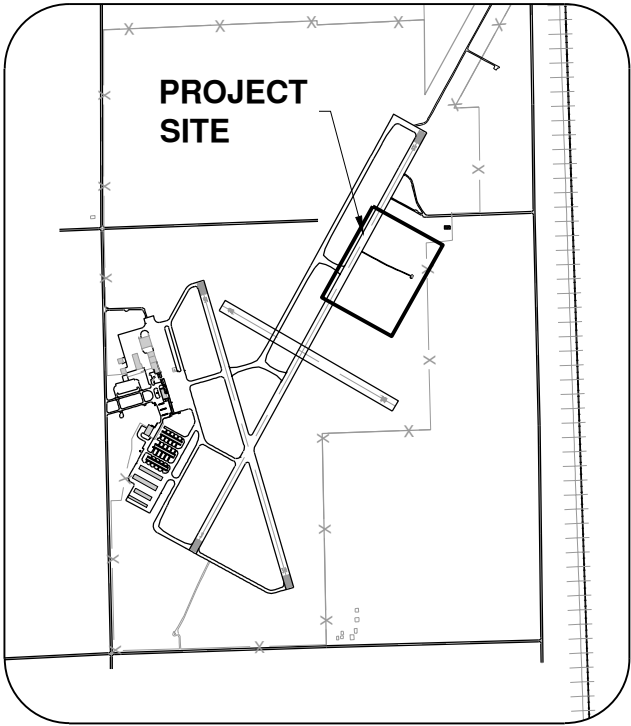
**RECONSTRUCT AUTOMATED WEATHER
OBSERVATION SYSTEM-III**

SUMMARY OF QUANTITIES - BASE BID			
PAY ITEM	DESCRIPTION	QTY	UNIT
AR126420	AWOS III P/T, INSTALLED	1	L SUM
AR150510	ENGINEER'S FIELD OFFICE	1	L SUM
AR150520	MOBILIZATION	1	L SUM
AR800355	CRUSHED AGG. BASE COURSE - 2" TO 3"	100	SQ YD
AR800356	REMOVE AWOS EQUIPMENT AND FOUNDATIONS	1	L SUM
AR901510	SEEDING	0.5	ACRE
AR908510	MULCHING	0.5	ACRE

AUGUST 14, 2026



LOCATION MAP



SITE PLAN



**Know what's below.
Call before you dig.**

COMMON GROUND ALLIANCE
www.call811.com or
Phone: 811

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 THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL 911 IN THE EVENT IN WHICH DAMAGE
RESULTS IN THE RELEASE OF NATURAL GAS.

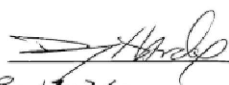
CALL J.U.L.I.E.
BEFORE EXCAVATING
1-800-892-0123

TOWNSHIP: 20 NORTH
RANGE: 11 WEST
SECTION: 15
COUNTY: VERMILION
CIVIL TOWNSHIP: NEWELL

COMMON TRAFFIC ADVISORY FREQUENCY 122.7

APPROXIMATE MAXIMUM HEIGHT OF EQUIPMENT
ABOVE GROUND IS 50 FT.

VERMILION REGIONAL AIRPORT AUTHORITY
VERMILION REGIONAL AIRPORT
DANVILLE, ILLINOIS

APPROVED 
DATE 8-17-26



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SUBMITTED BY 
DATE 8/14/2026
CMT JOB NUMBER: 24006597-00



Path: K:\Danville\24006597-00_AWOS\Draw\Sheets\24006597-GL101.dwg
Date: Monday, August 17, 2026 10:05:25 AM

NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE DONE BY HIS HAULING AND CONSTRUCTION EQUIPMENT. ANY WORK NECESSARY TO CORRECT DAMAGED WORK AND EXISTING PAVEMENT SHALL BE PERFORMED BY THE CONTRACTOR AND AT THE EXPENSE OF THE CONTRACTOR.
2. CONTRACTOR SHALL DISPOSE OF ALL REMOVED CONCRETE AND OTHER MISCELLANEOUS CONSTRUCTION DEBRIS OFF OF AIRPORT PROPERTY.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM THE COORDINATE BASIS WITH LOCATIONS AND DIMENSIONS SHOWN ON THE PLANS.
4. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THIS DRAWING WITH THE OTHER DRAWINGS THAT CONTAIN DIMENSIONS TO ENSURE THAT THE PLAN DIMENSIONS ARE CONSISTENT WITH THE COORDINATES PRESENTED ON THE PLAN. FOLLOWING STAKEOUT OF ANY FACILITY BY COORDINATES, THE CONTRACTOR SHALL CONFIRM CONSISTENCY WITH THE PLAN DIMENSIONS PRIOR TO CONSTRUCTION.
5. HORIZONTAL DATUM IS BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE (NAD83), DERIVED BY GPS FROM THE TRIMBLE VIRTUAL REFERENCE STATION (VRS) NETWORK.
6. ALL PROJECT BENCHMARKS AND CONTROL POINTS SHOULD BE FIELD CHECKED BY THE CONTRACTOR FOR POSSIBLE DISTURBANCE PRIOR TO UTILIZING THEM FOR STAKING PURPOSES.

LEGEND

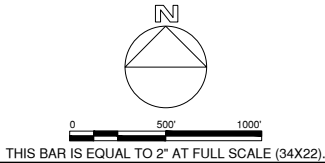
-  EXISTING LOCATION OF AWOS-III
-  RSA RUNWAY SAFETY AREA (RSA)
-  ROFA RUNWAY OBJECT FREE AREA (ROFA)
-  TOFA TAXIWAY OBJECT FREE AREA (TOFA)
-  X EXISTING ASA FENCE
-  SURVEY CONTROL POINT

RADIO FREQUENCY

- CTAF FREQUENCY - 122.70
- AWOS FREQUENCY - 119.275



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RECONSTRUCT AUTOMATED
WEATHER OBSERVATION
SYSTEM-III

OWNER

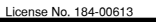


VERMILION REGIONAL
AIRPORT AUTHORITY
DANVILLE, IL

MARK	DATE	DESCRIPTION

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CMT PROJECT NO: 24006597-00
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APPROVED BY: DJR
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SHEET TITLE
AIRPORT SITE PLAN



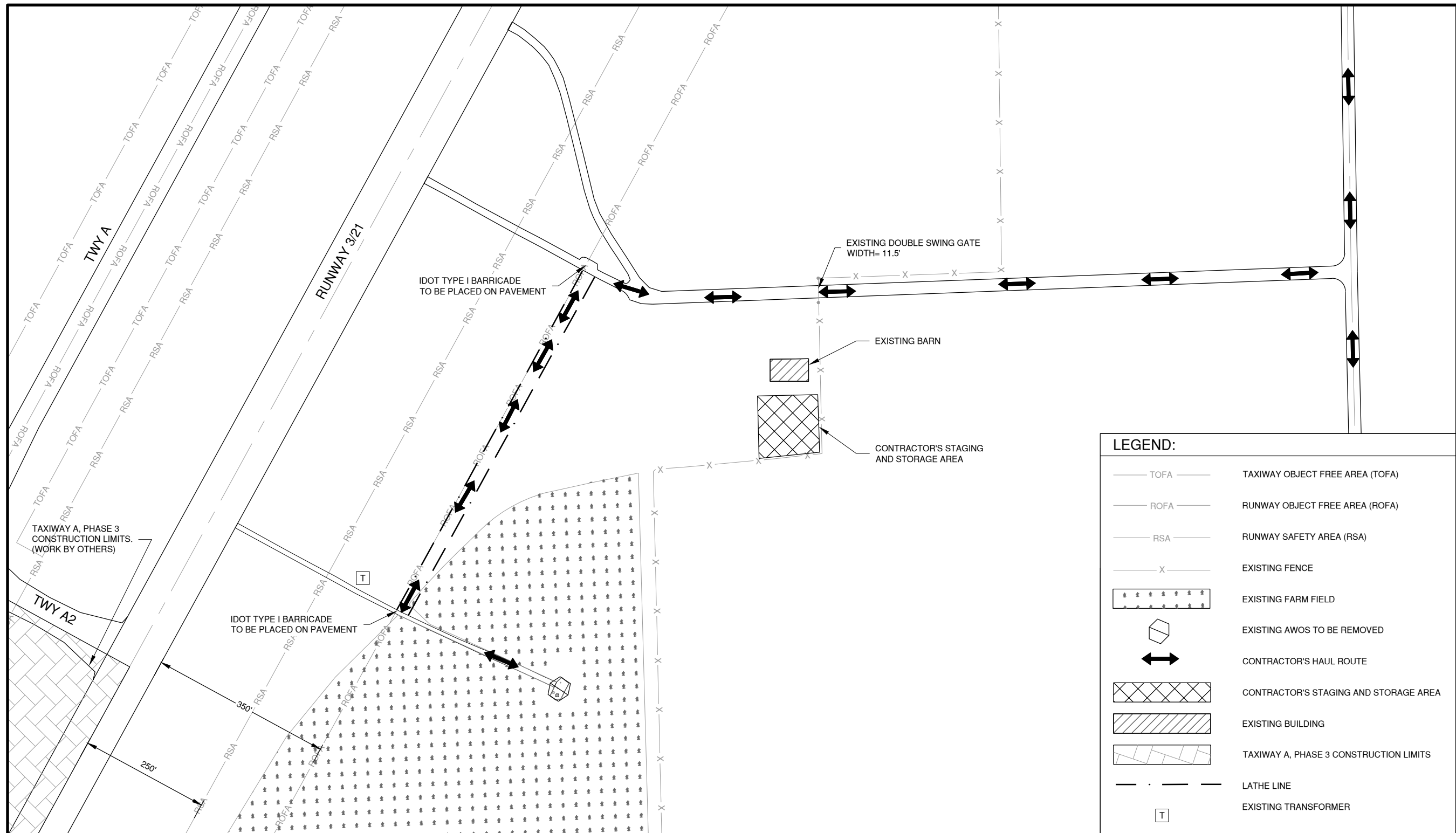
THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).

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DANVILLE, IL

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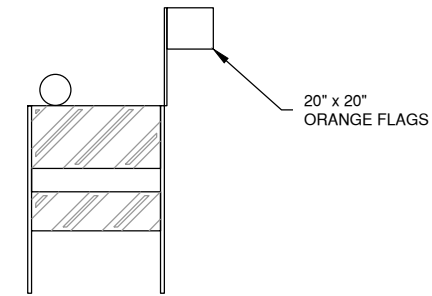
SHEET 3 OF 12



1. RUNWAY 3/21 AND TAXIWAY A SHALL REMAIN OPEN TO AIR TRAFFIC THROUGHOUT THE PROJECT.
2. THE CONTRACTOR SHALL PROVIDE 72 HOUR NOTICE PRIOR TO INITIATING ANY WORK.
3. THE CONTRACTOR SHALL PLACE ALL BARRICADES AND COORDINATE NOTAM'S WITH THE AIRPORT PRIOR TO STARTING WORK.
4. THE CONTRACTOR SHALL CONTINUOUSLY CLEAN ACTIVE PAVEMENTS DURING HAULING OPERATIONS AND AT THE END OF EACH WORKDAY.
5. AIRCRAFT & AIRPORT VEHICLES SHALL HAVE THE RIGHT OF WAY AT ALL TIMES.
6. THE CONTRACTOR SHALL MONITOR CTAF AT ALL TIMES DURING CONSTRUCTION OPERATIONS.
7. THE CONTRACTOR SHALL SUFFICIENTLY DELINEATE HIS WORK AREA TO PREVENT PERSONNEL AND EQUIPMENT FROM ENTERING THE RUNWAY OBJECT FREE AREA(S). THE MANNER IN WHICH THE WORK AREA IS MARKED SHALL NOT BE CONSIDERED A HAZARD TO AIR TRAFFIC. PREVIOUS METHODS INCLUDE THE INSTALLATION OF DRUM AND LATHE.
8. FORM 7460-1 HAS BEEN SUBMITTED FOR THE PROPOSED AWOS TOWER. THE FAA WILL REVIEW THE AIRSPACE IN ACCORDANCE WITH 14 CFP PART 77. AT THIS TIME, THE DETERMINATION LETTER HAS NOT BEEN PROVIDED BY IDOT NOR THE FAA.

20. AIRPORT SECURITY REQUIREMENTS

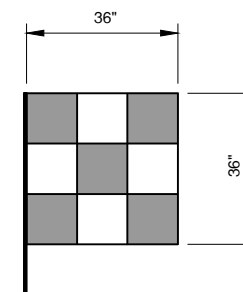
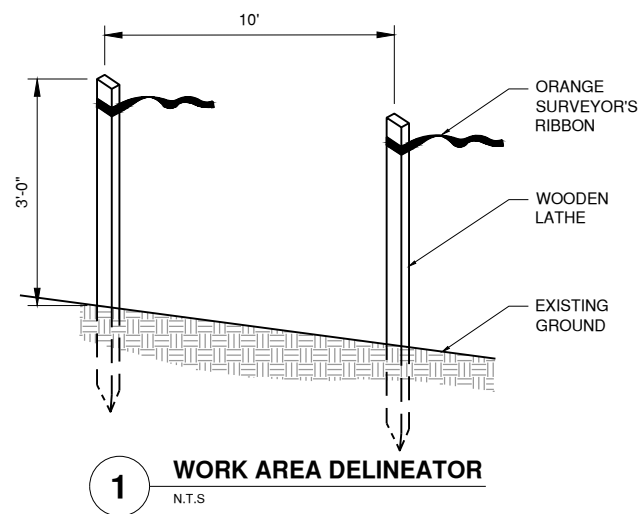
1. MAINTAINING THE SECURITY REQUIREMENTS OF THE AIRPORT SHALL BE A PRIMARY CONCERN FOR THE CONTRACTOR.
2. A LIST OF PERSONNEL AUTHORIZED TO WORK ON THE AIRFIELD SHALL BE PROVIDED TO THE RESIDENT ENGINEER BY THE CONTRACTOR. THE SUPERINTENDENT AND FOREMAN SHALL BE DIRECTLY RESPONSIBLE FOR THE IDENTITY AND LOCATION OF THOSE THEY ARE SUPERVISING WHILE ON THE AIRFIELD.
3. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING AIRPORT SECURITY BY SUPERVISING OPENINGS OR MAINTAINING THE AIRPORT PERIMETER FENCE LINE AT ALL TIMES.
4. THE CONTRACTOR SHALL PROVIDE A SIGN AT ALL ACCESS GATES STATING " AUTHORIZED PERSONNEL ONLY." ALL COSTS RELATING TO CONTRACTOR'S ACCESS, GATE GUARDS, FLAGMEN, AND SECURITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL CONSTRUCTION TRAFFIC SHALL IMMEDIATELY YIELD TO ONCOMING AIRCRAFT AT ALL TIMES.
6. THE AIRPORT WILL BE HOSTING EVENTS THROUGHOUT THE YEAR AND RESERVES THE RIGHT TO SUSPEND CONSTRUCTION ACTIVITY.



2 FLASHER BARRICADE DETAIL - IDOT TYPE 1
N.T.S.

FLASHER BARRICADE NOTES

1. FLASHERS SHALL BE BATTERY OPERATED. LENS TO BE RED AND BE ABLE TO ROTATE 90 DEGREES.
2. SANDBAGS SHALL BE PLACED ON EACH SUPPORT BRACE AS REQUIRED TO PREVENT DISPLACEMENT BY WIND, JET OR PROP BLAST.
3. NO SEPARATE PAYMENT WILL BE MADE FOR THIS ITEM. COSTS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
4. PLACE AT 20' INTERVALS.



3 EQUIPMENT & VEHICLE SIGNAL FLAG

EQUIPMENT FLAG NOTES

1. ALL CONTRACTOR VEHICLES AND EQUIPMENT SHALL DISPLAY COMPANY LOGO PLACARDS AND FLAG OR LIGHTED BEACON.
2. WHEN WORKING PRIOR TO DAWN OR AFTER DUSK, A 360 DEGREE ROTATING AMBER BEACON IS REQUIRED ON ALL EQUIPMENT AND TRUCKS.
3. CONTRACTOR SHALL REPLACE FLAGS THAT ARE WORN AND INEFFECTIVE.



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RECONSTRUCT AUTOMATED WEATHER OBSERVATION SYSTEM-III

OWNER



VERMILION REGIONAL AIRPORT
AUTHORITY
DANVILLE, IL

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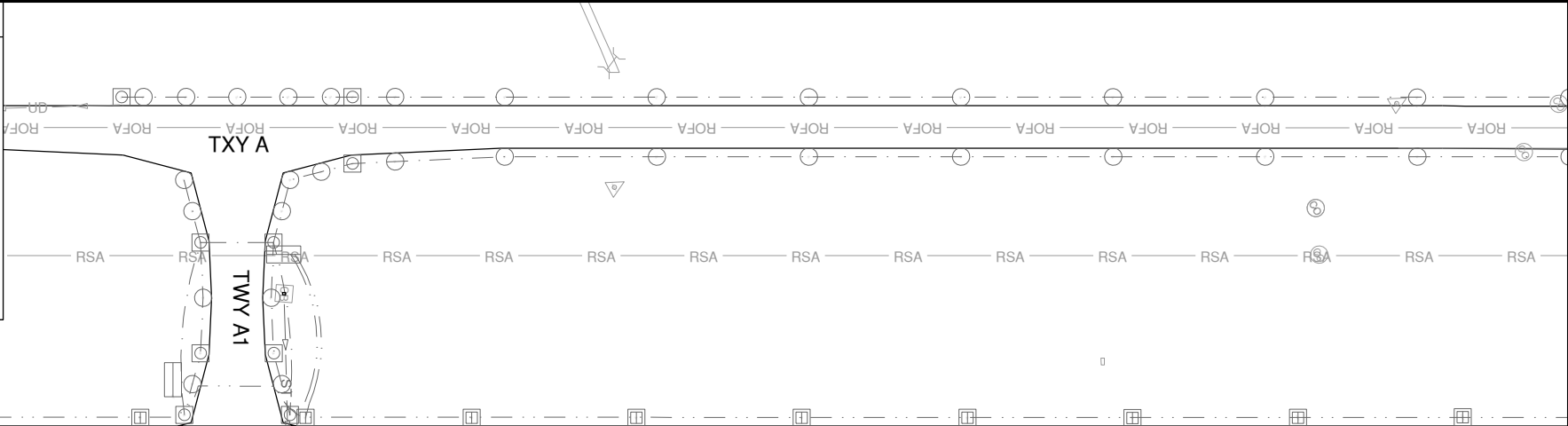
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CONSTRUCTION ACTIVITY NOTES AND DETAILS 2

GC102

SHEET 5 OF 12

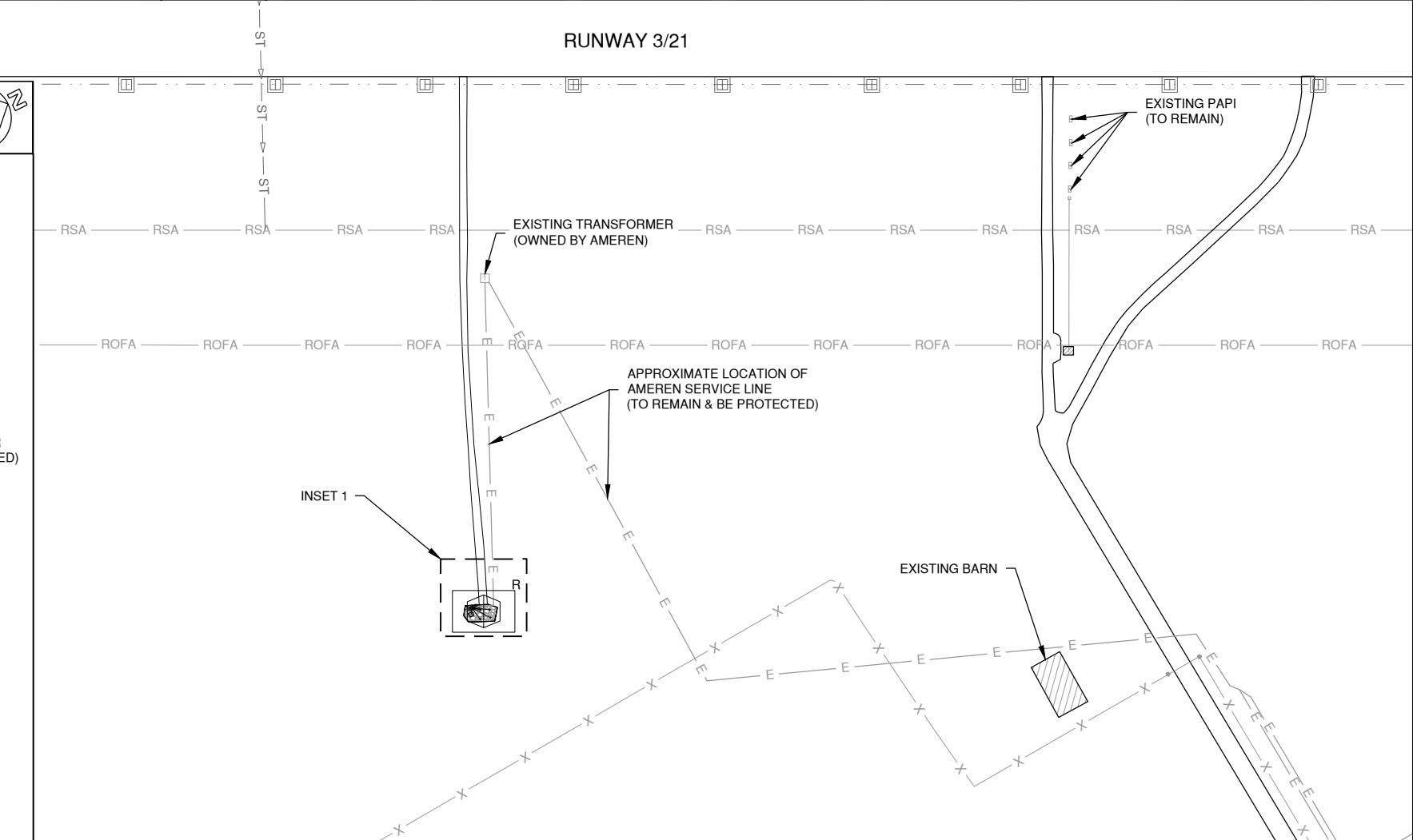
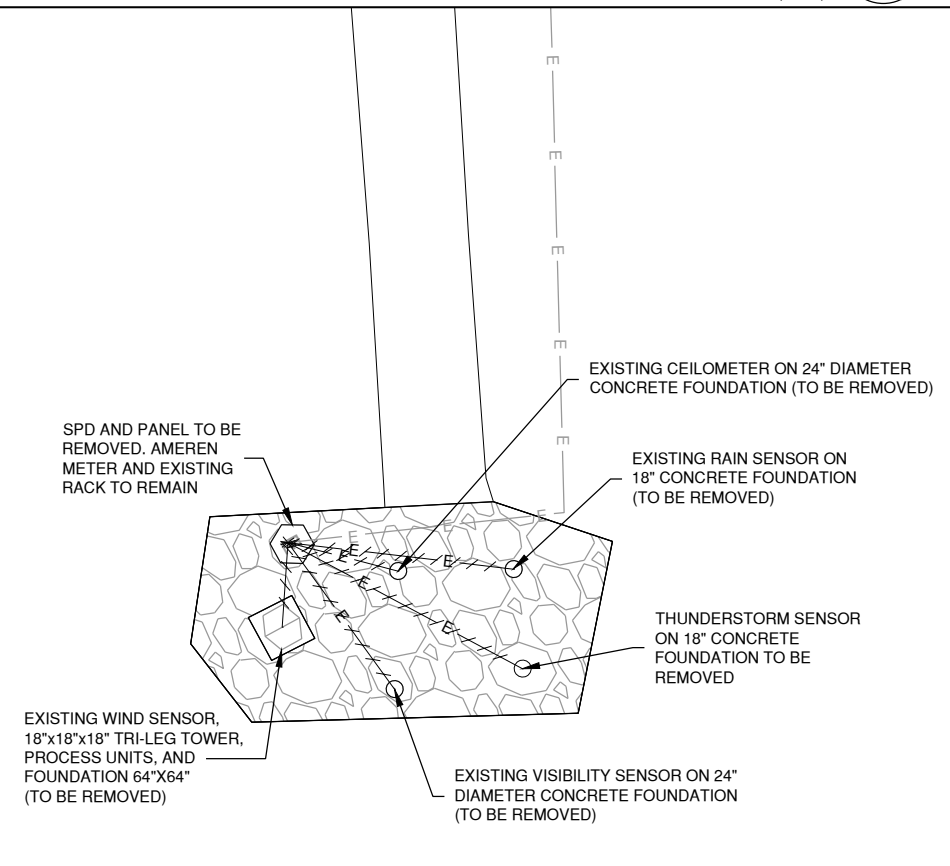
THE LOCATION OF UNDERGROUND UTILITIES AS INDICATED ON THE PLANS HAS BEEN OBTAINED FROM EXISTING RECORDS. NEITHER THE OWNER, NOR THE PROJECT ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY AND FAA OF HIS OPERATIONAL PLANS. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR DETAILED INFORMATION AND ASSISTANCE IN LOCATING UTILITIES. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY, THE OWNER, AND THE RESIDENT ENGINEER. ANY SUCH MAINS AND/OR SERVICES DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED IMMEDIATELY AT HIS EXPENSE TO THE SATISFACTION OF THE OWNER AND THE ENGINEER.



0 10' 20'

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



1. THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS AND SURVEY. 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.
2. CONTRACTOR SHALL PROTECT ITEMS TO REMAIN THAT ARE ADJACENT TO THE REMOVAL LIMITS. CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE SITE AT THEIR OWN EXPENSE.
3. CONTRACTOR IS RESPONSIBLE FOR KEEPING THE AIRFIELD ELECTRICAL SYSTEMS FUNCTIONAL WHEN REMOVING THE EXISTING AWOS.
4. CONTRACTOR SHALL DISPOSE OF ALL REMOVED CONCRETE AND OTHER MISCELLANEOUS CONSTRUCTION DEBRIS OFF OF AIRPORT PROPERTY.
5. REMOVE ALL SENSOR CABLE AND CONDUIT BACK TO SOURCE.
6. SEE TYPICAL SECTION A ON SHEET CP301.
7. EXISTING FOUNDATION DEPTHS ARE UNKNOWN.

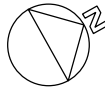
	REMOVE AWOS EQUIPMENT AND FOUNDATIONS
	EXISTING GRAVEL
	EXISTING BUILDING
	EXISTING TAXIWAY STAKE MOUNTED LIGHT
	EXISTING TAXIWAY BASE MOUNTED LIGHT
	EXISTING RUNWAY BASE MOUNTED LIGHT
	EXISTING SIGN

	EXISTING TAXIWAY CIRCUIT
	EXISTING RUNWAY 3/21 CIRCUIT
	EXISTING FENCE
	RUNWAY OBJECT FREE AREA (ROFA)
	RUNWAY SAFETY AREA (RSA)
	EXISTING ELECTRICAL CABLE
	REMOVE CABLE AND CONDUIT



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RECONSTRUCT AUTOMATED WEATHER OBSERVATION SYSTEM-III

OWNER



VERMILION REGIONAL
AIRPORT AUTHORITY
DANVILLE, IL

MARK	DATE	DESCRIPTION
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FED. PROJ. NO. 3-17-SBGP-TBD

IL PROJ. NO: DNV-5250

CMT PROJECT NO: 24006597-00

CAD DWG FILE: 24006597-CD101.DWG

DESIGNED BY: C J F

DRAWN BY: BAN

CHECKED BY: EMH

APPROVED BY: DJR

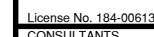
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SHEET TITLE

EXISTING CONDITIONS AND REMOVALS

CD101

SHEET 6 OF 12



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RECONSTRUCT AUTOMATED WEATHER OBSERVATION SYSTEM-III

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CMT PROJECT NO: 24006597-00

CAD DWG FILE: 24006597-CP101.DWG

DESIGNED BY:	CJF
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DRAWN BY: BAN

DRAWN BY:	DAN
CHECKED BY:	FMH

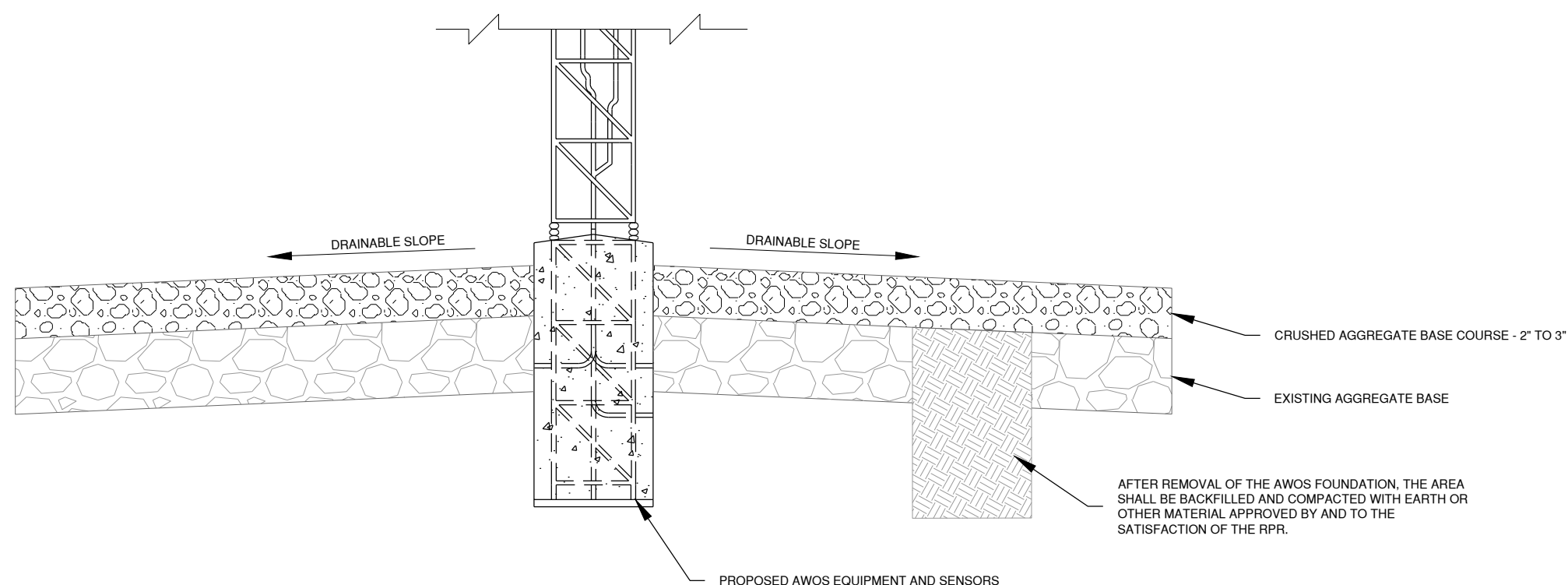
CHECKED BY:	EMIT
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SHEET TITLE

POPOSED AWOS
TYPICAL SECTION

SHEET 8 OF 12



A TYPICAL SECTION - AGGREGATE PAD
N.T.S.

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RECONSTRUCT AUTOMATED WEATHER OBSERVATION SYSTEM-III

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VERMILION REGIONAL
AIRPORT AUTHORITY
DANVILLE, IL

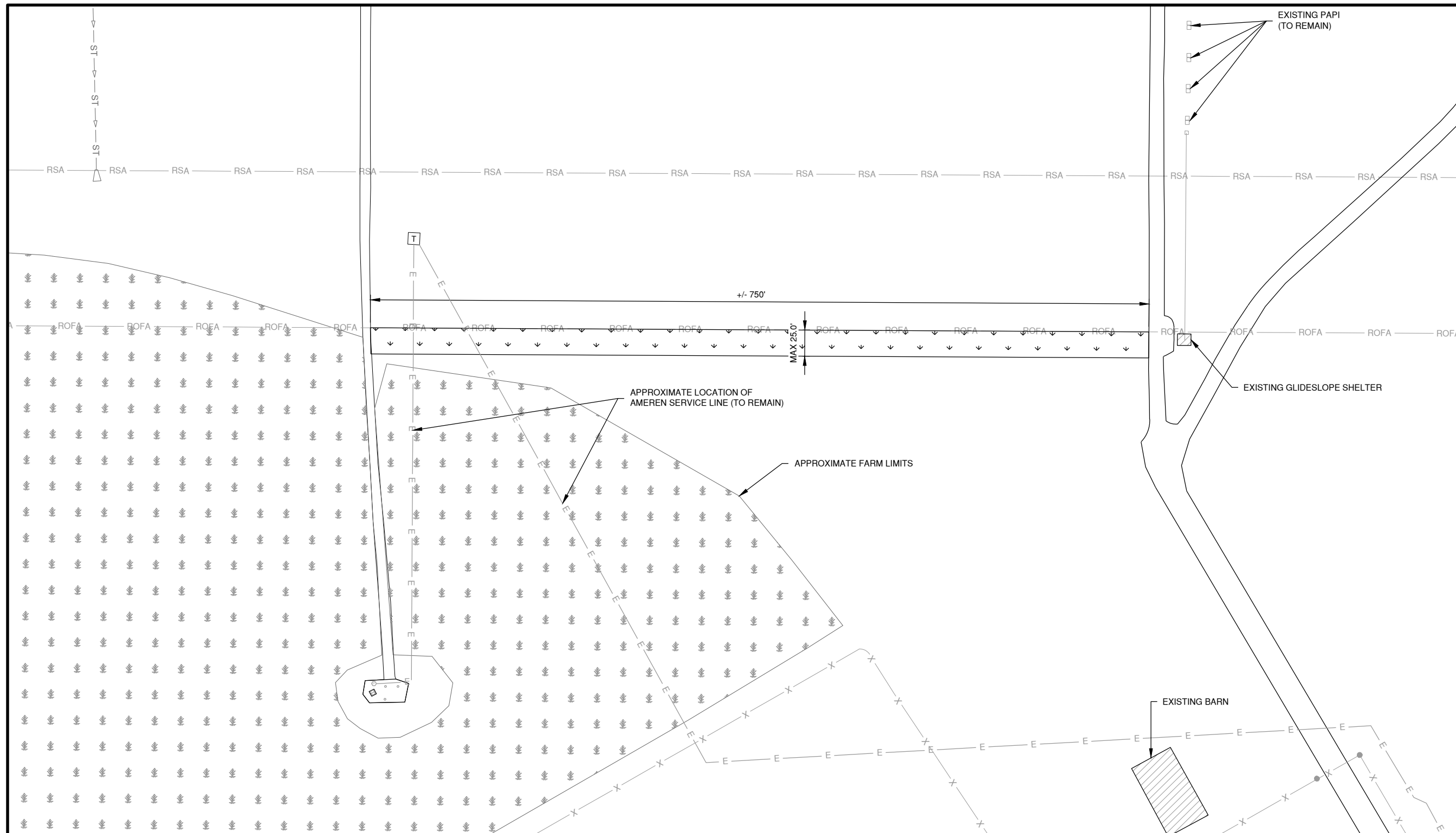
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IL. PROJ. NO. DNV-5250
CMT PROJECT NO: 24006597-00
CAD DWG FILE: CG101 EROSION CONTROL PLAN.DWG
DESIGNED BY: CJF
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SHEET TITLE
LANDSCAPING PLAN

CL101

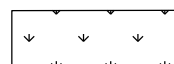
SHEET 9 OF 12



NOTES

1. ALL TURF AREAS DISTURBED BY HAUL ROAD OPERATIONS OR FOR EXISTING AWOS FOUNDATION REMOVAL, NEW AWOS INSTALLATION, EXCAVATION, GRADING AND TRENCHING WORK SHALL BE RESTORED VIA SEEDING AND MULCHING.
2. THE CONTRACTOR SHALL PROVIDE ADEQUATE SURFACE DRAINAGE AWAY FROM THE NEW AWOS FOUNDATION.
3. CONTRACTOR SHALL PROVIDE CONCRETE WASHOUT BOX FOR ALL CONCRETE READY MIX TRUCKS OR EACH READY MIX TRUCK SHALL BE EQUIPPED WITH A WASHOUT SYSTEM.
4. THE SITE DISTURBANCE IS LESS THAN 1 ACRE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE DONE BY HIS HAULING AND CONSTRUCTION EQUIPMENT. ANY WORK NECESSARY TO CORRECT DAMAGED WORK AND EXISTING PAVEMENT OR TURF FIELD SHALL BE PERFORMED BY THE CONTRACTOR AND AT THE EXPENSE OF THE CONTRACTOR.

LEGEND



PROPOSED SEEDING & MULCHING



EXISTING BUILDING



EXISTING FARM



EXISTING FENCE



EXISTING ELECTRICAL CABLE

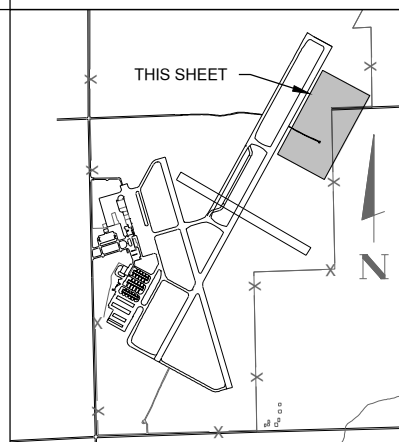


RUNWAY OBJECT FREE AREA (ROFA)



RUNWAY SAFETY AREA (RSA)

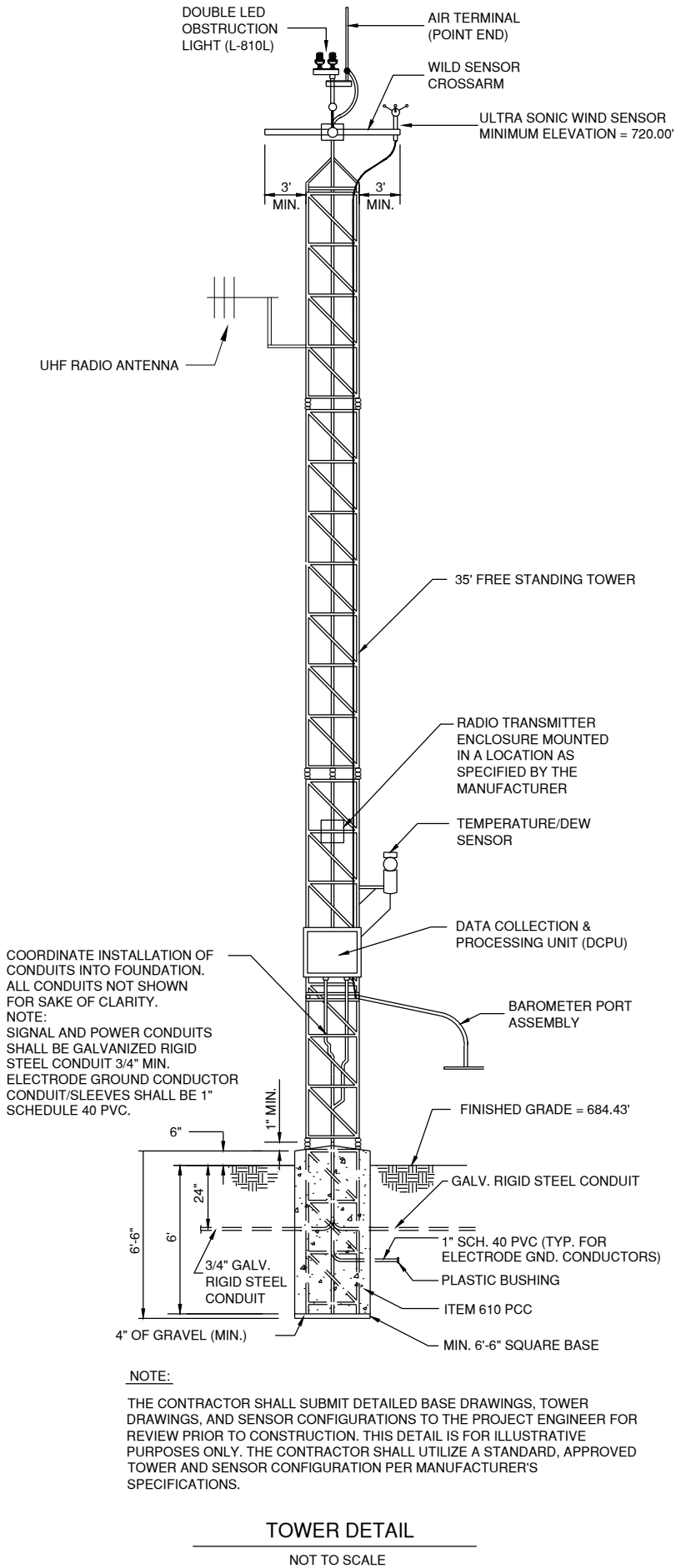
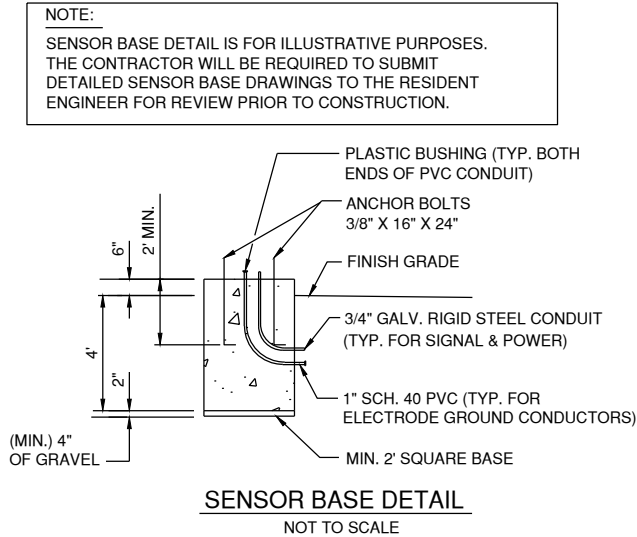
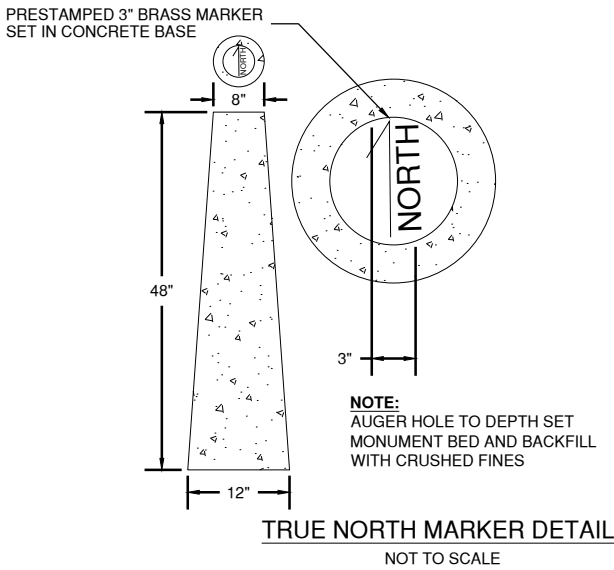
KEY MAP



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Date: Monday, August 17, 2026 10:12:01 AM

AWOS NOTES

- ALL ITEMS OF WORK ASSOCIATED WITH THE AFOREMENTIONED NOTES ARE CONSIDERED INCIDENTAL TO THE INSTALLATION OF THE AWOS, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- POWER CABLES AND CONTROL CABLES, ASSOCIATED WITH THE AWOS SHALL BE INSTALLED IN UNIT DUCT OR CONDUIT AS NOTED. ALL CABLES SHALL BE INSTALLED AT A DEPTH OF 24" BELOW FINISHED GRADE EXCEPT IN AREAS USED FOR FARMING WHERE DEPTH SHALL BE 36" BELOW FINISHED GRADE.
- ALL SENSOR CABLE WILL BE INSTALLED AT A DEPTH OF 2' BELOW FINISHED GRADE AND WILL BE IN UNIT DUCT OR CONDUIT, AS NOTED.
- ANY EXISTING UTILITIES WHICH ARE DAMAGED WILL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AND THE AIRPORT MANAGER. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- PRIMARY CABLE CONNECTOR JOINTS ARE WRAPPED WITH ONE LAYER OF RUBBER TAPE AND ONE LAYER OF PLASTIC, ONE HALF LAPPED, EXTENDED AT LEAST 1-1/2" EACH SIDE OF THE JOINT.
- THE PROPOSED AWOS SITE POWER AND/OR CONTROL CABLES WILL BE AS PER THE MANUFACTURER'S SPECIFICATIONS.
- POWER SHALL BE SUPPLIED TO THE PROPOSED AWOS SITE FROM EXISTING TRANSFORMER. SEE THE SITE PLAN SHEET AND ELECTRICAL DETAILS SHEET FOR INFORMATION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED. SHOULD POWER REQUIREMENTS OF THE PROPOSED AWOS III P/T AND V.H.F. EQUIPMENT REQUIRE ANY CHANGE, OR ALTERNATE ITEMS AND EQUIPMENT, THEY WILL BE AS PER THE MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS. THE CONTRACTOR WILL PROVIDE THE PROJECT ENGINEER WITH THESE SPECIFICATIONS AND RECOMMENDATIONS.
- THE PROPOSED AWOS SYSTEM POWER PEDESTAL SHALL BE MOUNTED ON ITS OWN SUPPORT STRUCTURE AS DETAILED HEREIN.
- V.H.F. EQUIPMENT WILL BE AS PER THE SPECIFICATIONS ALL V.H.F. EQUIPMENT, MATERIAL, ANTENNA, CABLE, MISCELLANEOUS ITEMS, AND LABOR REQUIRED TO INSTALL AND PLACE THE UNIT ON THE AIR WILL BE CONSIDERED INCIDENTAL TO THE PROJECT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL EXISTING UNDERGROUND UTILITIES, AND FIELD TILES IN THE CONSTRUCTION AREA BEFORE BEGINNING ANY CONSTRUCTION WORK.
- SENSOR CABLE SHALL BE AS SHOWN OR AS REQUIRED BY AWOS III P/T MANUFACTURER.
- THE AWOS III P/T VOICE OUTPUT SHALL BE TRANSMITTED VIA V.H.F. FREQUENCY 119.275.
- CONTROL AND DATA COMMUNICATION BETWEEN THE AWOS III AND THE DATA ACQUISITION TERMINAL IN THE FBO SHALL BE VIA UHF RADIO ANTENNAS. THE RADIO LINK SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND THE SPECIFICATIONS HEREIN. CONTRACTOR SHALL LOCATE AND REMOVE EXISTING UHF RADIO ANTENNA AND INSTALL NEW ANTENNA ON EXISTING ROHN TOWER AT THE FBO TO PROVIDE LINE OF SITE WITH NEW UHF ANTENNA ON AWOS.
- COORDINATE SIZE OF POWER AND CONTROLS CONDUIT AND TERMINATION/CONNECTION OF CONDUITS.
- CONTRACTOR SHALL ADD CRUSHED AGGREGATE TO ELEVATION 684.43'.



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SHEET TITLE
AWOS DETAIL

EL501
SHEET 10 OF 12

Path: K:\Danville\24006597-00_AWOS\Draw\Sheets\24006597-EL502.dwg
Date: Monday, August 17, 2026 10:13:52 AM

EXISTING AMEREN METER TO REMAIN

EXISTING SERVICE CABLE AND CONDUIT TO BE RECONNECTED

EXISTING AMEREN SERVICE CABLE AND CONDUIT TO REMAIN

EXISTING GROUND TO REMAIN



EXISTING RACK TO REMAIN

REMOVE PANEL: REPLACE WITH NEW 125A, 120/240V, 1-PHASE SERVICE ENTRANCE RATED LOAD CENTER IN NEMA 3R ENCLOSURE WITH 100A, 2P MAIN BREAKER AND LOCKABLE HINGE FRONT COVER, PROVIDE GROUND BAR AND 6-20A 2P CIRCUIT BREAKERS

EXISTING GROUND TO REMAIN AND BE RECONNECTED

REMOVE AND REPLACE EQUIPMENT CABLE AND CONDUIT TO AWOS

REMOVE SURGE PROTECTION DEVICE; REPLACE WITH A 25KA, 120/240V, 1-PHASE, 3 WIRE, TYPE 1 SPD INTEGRATED INTO LOAD CENTER

NOTE: ALL WORK SHOWN ON THIS SHEET IS INCIDENTAL TO AWOS-III P/T, INSTALLED



License No. 184-00613
CONSULTANTS

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

100% SUBMITTAL
8/14/2026

RECONSTRUCT AUTOMATED
WEATHER OBSERVATION
SYSTEM-III

OWNER



VERMILION REGIONAL
AIRPORT AUTHORITY
DANVILLE, IL

MARK	DATE	DESCRIPTION
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FED. PROJ. NO. 3-17-SBGP-TBD
IL. PROJ. NO: DNV-5250
CMT PROJECT NO: 24006597-00
CAD DWG FILE: 24006597-EL502.DWG
DESIGNED BY: CJF
DRAWN BY: BAN
CHECKED BY: EMH
APPROVED BY: DJR
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SHEET TITLE
ELECTRICAL RACK
DETAIL