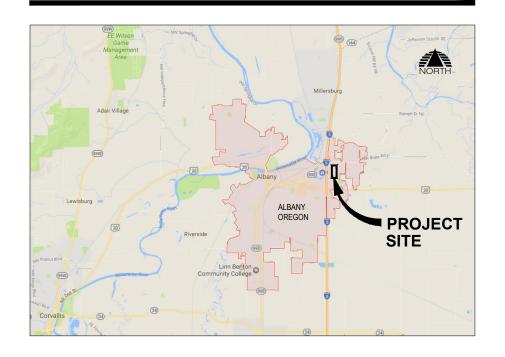
CITY OF ALBANY

ALBANY MUNICIPAL AIRPORT

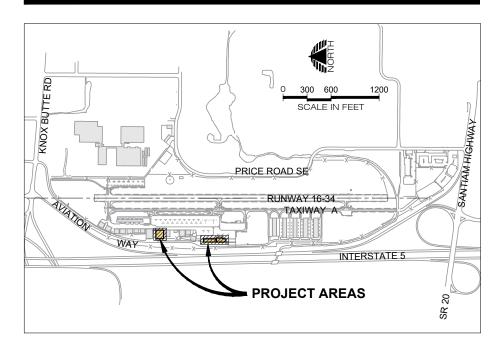
FBO BUILDING AND HISTORIC HANGAR REHABILITATION

AIP NO. 3-41-0001-021-2024

VICINITY MAP



PROJECT MAP

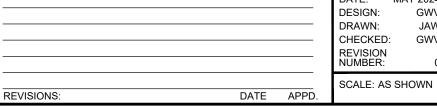


INDEX TO DRAWINGS

- **COVER SHEET**
- LEGEND AND BID SCHEDULE
- SITE PLAN
- **EXISTING CONDITIONS**
- CONSTRUCTION PLAN PROJECT SPECIFIC CRITICAL AREAS
- **CONSTRUCTION PLAN PHASE 1**
- **CONSTRUCTION PLAN NOTES**
- FBO BUILDING IMPROVEMENTS
- HISTORIC HANGAR IMPROVEMENTS







DATE: MAY 2024 DESIGN: GWV DRAWN: JAW CHECKED: GWV REVISION NUMBER:

COVER SHEET

PROJECT NUMBER: **ALB008**

SHEET NO.

OF **9**

PRECISION APPROACH ENGINEERING, INC. AIP NO. 3-41-0001-021-2024

ALBANY MUNICIPAL AIRPORT FBO BUILDING AND HISTORIC HANGAR REHABILITATION

CIVIL SYMBOLS LEGEND

EXISTING	NEW	
		EDGE OF PAVEMENT
		EDGE OF GRAVEL
101.8	101	CONTOUR
		DITCH FLOW LINE
xx	xx	FENCE
————sp———sp—	SDSD	STORM DRAIN
	uD	UNDER DRAIN
>	>	CULVERT
ssss-	ssss	SANITARY SEWER
ww	ww	WATER
	———— G———	GAS
		TELEPHONE
———IRR———	———IRR———	IRRIGATION
		SLOPE SYMBOL
		CATCH BASIN
(SD)	(SD)	STORM DRAIN MANHOLE
0	0	CLEANOUT
		CULVERT END STRUCTURE
~~~>	~~ <b>~</b>	SURFACE FLOW DIRECTION
(SS)	SS	SANITARY MANHOLE
X	A	FIRE HYDRANT
W	W	WATER METER
W	W	WATER VAULT
$\otimes$	$\otimes$	WATER VALVE
$\otimes$	$\otimes$	IRRIGATION VALVE
0	0	TIE DOWN
þ	þ	SIGN
<b>&amp;</b>	À	SURVEY CONTROL POINT
•	•	SURVEY FOUND MONUMENT
•	<b>©</b>	BRASS CAP
•	•	BENCHMARK
�	❸	AIRPORT BEACON
Sulley .		SHRUBS
En mint		TREES
·   A    A    A		ABANDONED FEATURE LINE
××××××××××		DEMO FEATURE LINES

### **ELECTRICAL LEGEND**

EXISTING	NEW	
НН	Н	HANDHOLE
Р	Р	POWER VAULT
DM	DM	DUCT MARKER
	①	JUNCTION CAN
⟨Ē>	⟨Ē⟩	ELECTRICAL RISER
*	* *	RUNWAY EDGE LIGHT AND THRESHOLD LIGHT C = CLEAR R = RED G = GREEN Y = YELLOW O = OPAQUE
斑	斑	RUNWAY LIGHT IN PAVEMENT (FLUSH MOUNT)
-	$\overline{}$	REIL (RUNWAY END IDENTIFIER LIGHT)
		PAPI (PRECISION APPROACH PATH INDICATOR)
- <b>-</b> -		TAXIWAY LIGHT (BLUE LENS)
嵒		TAXIWAY LIGHT IN PAVEMENT (FLUSH MOUNT)
<b>©</b>	0	RETROREFLECTIVE MARKER
	— — POH— — —	POWER CIRCUIT / OVERHEAD
	———P———	POWER UNDERGROUND
o -o-	·	POWER POLE
<u>(</u>	<b>(</b> —	GUY WIRE
<b>○</b> <del> </del>	<b>○</b> ── <del>─</del>	STREET LIGHT
		GUIDANCE SIGN

# **BASE BID SCHEDULE - AIP ELEIGIBLE**

BID ITEM NUMBER	DESCRIPTION	UNIT	ESTIMATED QUANTITY	CONSTRUCTION QUANTITY
1	Mobilization	LS	1	
2	Roof Membrane	SY	1,891	
3	Electric Infrared Heater	EA	6	
4	Gas Infrared Heater	EA	8	
5	Miscellaneous Electrical and Gas Improvements	LS	1	

# ADDITIVE BID A SCHEDULE - NON-AIP ELEIGIBLE

BID ITEN	DESCRIPTION	UNIT	ESTIMATED QUANTITY	CONSTRUCTION QUANTITY
A1	Roof Membrane	SY	767	





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ALBANY MUNICIPAL AIRPORT FBO BUILDING AND HISTORIC HANGAR REHABILITATION DATE: MAY 2024 DESIGN: GWV DRAWN: JAW CHECKED: GWV REVISION NUMBER:

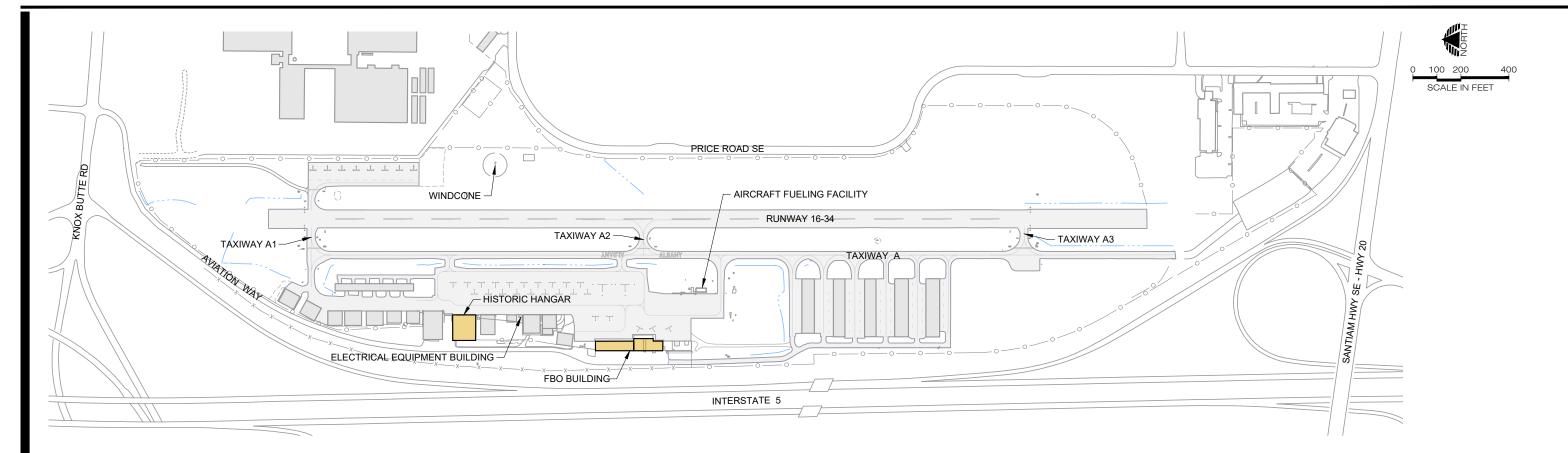
**LEGEND AND BID SCHEDULE** 

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PRECISION APPROACH ENGINEERING, INC. AIP NO. 3-41-0001-021-2024



### EROSION AND SEDIMENT CONTROL NOTES:

- 1. THE CONTRACTOR IS RESPONSIBLE FOR ALL MEASURES REQUIRED BY THE CONTRACTORS MEANS AND METHODS OF CONSTRUCTION TO CONTROL EROSION AND SEDIMENT AT THE CONSTRUCTION SITE. IT IS THE CONTRACTORS RESPONSIBILITY TO PREVENT A VIOLATION OF SURFACE WATER QUALITY, GROUND WATER QUALITY, OR SEDIMENT MANAGEMENT STANDARDS. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES AND STANDARDS.
- 2. PUBLIC RIGHT-OF-WAY AND AIRCRAFT OPERATIONS AREAS SHALL BE KEPT IN A CLEAN AND SERVICEABLE CONDITION AT ALL TIMES. IN THE EVENT MATERIALS ARE INADVERTENTLY DEPOSITED ON ROADWAYS, TAXIWAYS, TAXILANES OR APRONS THE MATERIAL SHALL BE PROMPTLY REMOVED.
- 3. CONTRACTOR SHALL USE ALL MEANS NECESSARY TO MINIMIZE DUST DURING CONSTRUCTION. IF THE ENGINEER REQUESTS DUST CONTROL, THE CONTRACTOR SHALL COMPLY IMMEDIATELY.

### CONSTRUCTION SCHEDULE:

- 1. THE CONTRACTOR SHALL PREPARE AND SUBMIT A "CONSTRUCTION SAFETY PLAN COMPLIANCE DOCUMENT" AND "CONSTRUCTION SCHEDULE" TO THE ENGINEER AND OWNER FOR REVIEW A MINIMUM OF 10 DAYS PRIOR TO STARTING CONSTRUCTION OR PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, WHICHEVER OCCURS EARLIER. THE PLAN MUST BE ACCEPTABLE TO THE OWNER PRIOR TO BEGINNING WORK
- 2. THE CONSTRUCTION SCHEDULE SHALL BE REVISED ANY TIME AN ELEMENT OF WORK DOES NOT COINCIDE WITH THE INITIAL TIME LINE PRESENTED OR IF REQUESTED BY THE ENGINEER OR OWNER.

- 1. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE GENERAL CONTRACT PROVISIONS, TECHNICAL SPECIFICATIONS AND CONSTRUCTION SAFETY AND PHASING PLAN SECTIONS OF THE CONTRACT DOCUMENT FOR REQUIREMENTS RELATING TO CONSTRUCTION SAFETY, LAYOUT WORK AND OTHER CONTRACT PROVISIONS
- 2. THE CONTRACTOR, ENGINEER, OWNER, AND OTHER INVITED REPRESENTATIVES OR GUESTS WILL CONDUCT A PRE-CONSTRUCTION MEETING PRIOR TO BEGINNING CONSTRUCTION IN ORDER TO DISCUSS PROJECT SCHEDULE, CONSTRUCTION REQUIREMENTS, AIRFIELD IMPACTS, AND OTHER AGENDA ITEMS RELATED TO THE PROJECT
- 3. THE CONTRACTOR SHALL OBTAIN AND THE OWNER WILL PAY FOR ANY PERMITS, FEES, OR CHARGES NECESSARY TO COMPLETE THIS PROJECT.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE AND PROTECT ALL UTILITIES DURING THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING THE UTILITY NOTIFICATION CENTER TO LOCATE PUBLIC UTILITIES AND FOR ANY ADDITIONAL UTILITY LOCATES INCLUDING HIRING A PRIVATE LOCATE SERVICE IF REQUIRED. ANY UTILITIES DAMAGED IN CONJUNCTION WITH THE CONSTRUCTION ACTIVITIES SHALL BE REPLACED AND/OR REPAIRED BY THE CONTRACTOR AS APPROVED BY THE OWNER.
- 5. ALL HAUL ROUTES SHALL BE MAINTAINED DURING CONSTRUCTION AND SHALL BE RESTORED TO ORIGINAL CONDITION BY THE CONTRACTOR UPON COMPLETION OF THE PROJECT. VERIFY CONDITION WITH OWNER PRIOR TO CONSTRUCTION
- 6. LIMITS OF WORK SHOWN ON THIS SHEET ARE APPROXIMATE AND SHOW GENERAL AREAS OF WORK. SEE SPECIFIC SHEETS FOR ACTUAL LIMITS OF WORK.

### PROJECT FUNDING:

1. EXECUTION OF ALL WORK IN THIS CONTRACT IS CONTINGENT UPON THE CITY OF ALBANY'S RECEIPT OF FEDERAL FUNDS. THESE FUNDS WILL NOT BE ASSURED UNTIL A GRANT IS EXECUTED BETWEEN THE FAA AND THE CITY OF ALBANY AFTER THE CONTRACT BID OPENING. GRANT EXECUTION IS EXPECTED TO OCCUR IN THE SUMMER OF 2024. OWNER SHALL HAVE THE FINAL AUTHORITY REGARDING START DATE OF CONSTRUCTION

### CONTRACTOR'S SUPERINTENDENT AND SAFETY OFFICER:

- 1. THE CONTRACTOR SHALL HAVE A FULL TIME SUPERINTENDENT ON THE PROJECT SITE ANY TIME WORK IS BEING ACCOMPLISHED. THIS INCLUDES WORK BEING PERFORMED BY SUBCONTRACTORS OR SERVICE PROVIDERS UNLESS OTHERWISE APPROVED BY THE OWNER.
- 2. THE CONTRACTOR SHALL ASSIGN ONE PERSON TO BE THE SAFETY OFFICER DURING THE PROJECT. THE SAFETY OFFICER SHALL BE ONSITE AT ALL TIMES WHEN WORK IS OCCURRING UNLESS OTHERWISE APPROVED BY THE OWNER. THE SAFETY OFFICER SHALL BE RESPONSIBLE FOR THE EDUCATION AND TRAINING OF ALL PERSONNEL WHO WILL ACCESS AIRPORT PROPERTY. THE OFFICER SHALL MAINTAIN RECORDS INDICATING THAT PERSONNEL HAVE BEEN TRAINED AND ARE FAMILIAR WITH SAFETY RULES AND REGULATIONS RELATED TO OPERATIONS AT THE AIRPORT DURING CONSTRUCTION. PERSONNEL WHO VIOLATE SAFETY REQUIREMENTS MAY BE REMOVED FROM THE PROJECT AT THE DISCRETION OF THE OWNER. THE SAFETY OFFICER SHALL ALSO BE RESPONSIBLE FOR FOREIGN OBJECT DEBRIS (FOD) MANAGEMENT. SEE CONSTRUCTION SAFETY AND PHASING PLAN FOR ADDITIONAL REQUIREMENTS
- 3. THE CONTRACTOR'S SUPERINTENDENT AND SAFETY OFFICER SHALL ATTEND THE WEEKLY CONSTRUCTION MEETING.

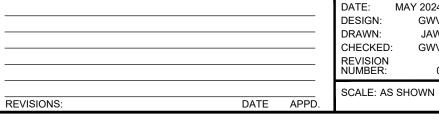
### WEEKLY CONSTRUCTION MEETING:

1. THE CONTRACTOR, ENGINEER, RPR, OWNER, OWNER'S REPRESENTATIVE AND OTHER INVITED REPRESENTATIVES OR GUESTS WILL CONDUCT A WEEKLY CONSTRUCTION MEETING IN ORDER TO DISCUSS ACTIVITIES ON THE PROJECT. THE MEETING SHALL BE USED TO DISCUSS CONSTRUCTION ISSUES, PROJECT SCHEDULE, AND AIRPORT OPERATIONS DURING CONSTRUCTION AND OTHER AGENDA ITEMS RELATED TO THE PROJECT. SPECIFIC ACTIVITIES ANTICIPATED FOR THE FOLLOWING WEEK SHALL BE DISCUSSED. A TWO WEEK LOOK AHEAD SHALL ALSO BE PROVIDED.









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SITE PLAN

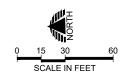
PRECISION APPROACH ENGINEERING, INC. AIP NO. 3-41-0001-021-2024

ALBANY MUNICIPAL AIRPORT

FBO BUILDING AND HISTORIC HANGAR REHABILITATION

PROJECT NUMBER: **ALB008** 

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ALBANY MUNICIPAL AIRPORT FBO BUILDING AND HISTORIC HANGAR REHABILITATION

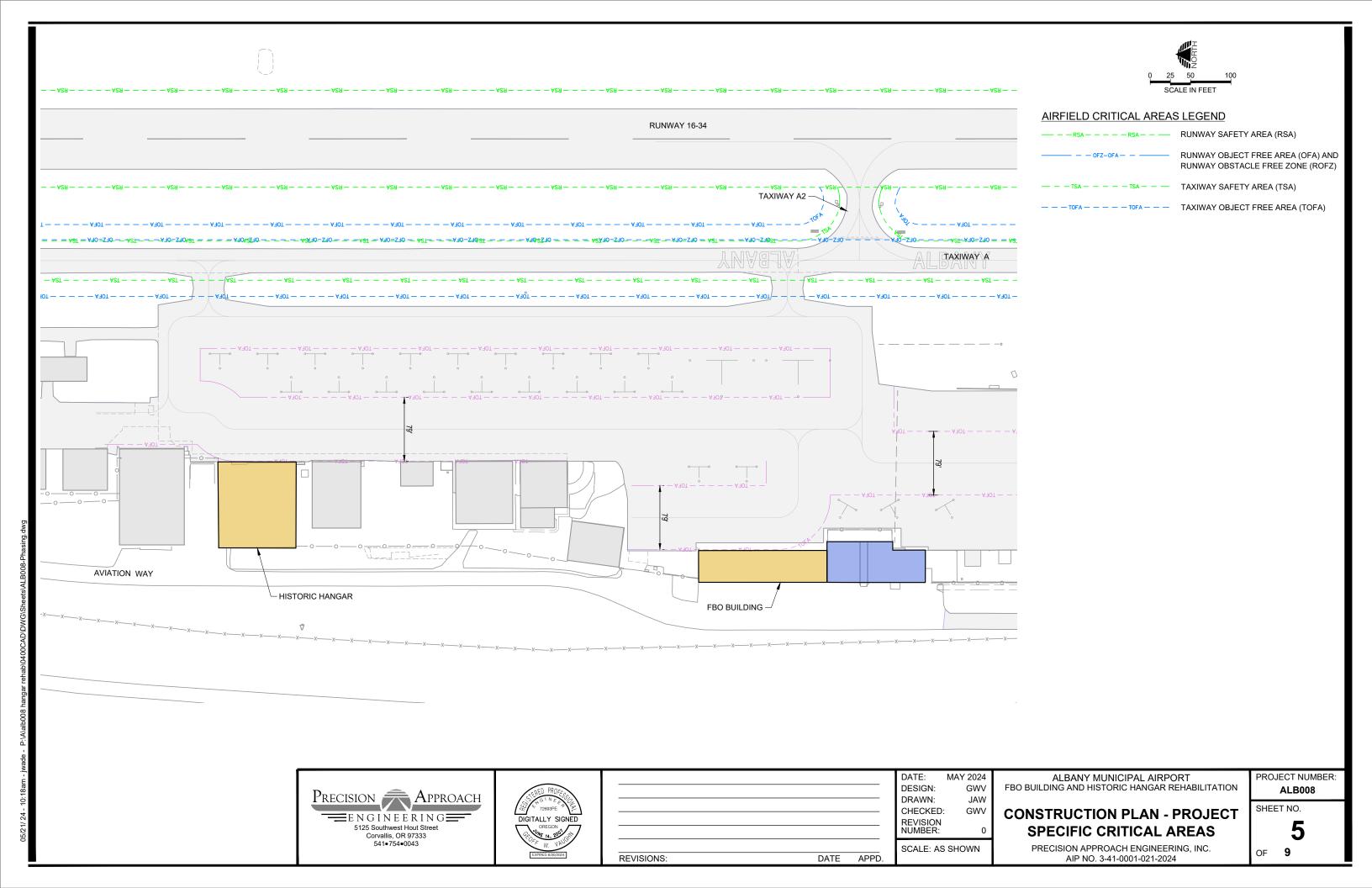
# **EXISTING CONDITIONS**

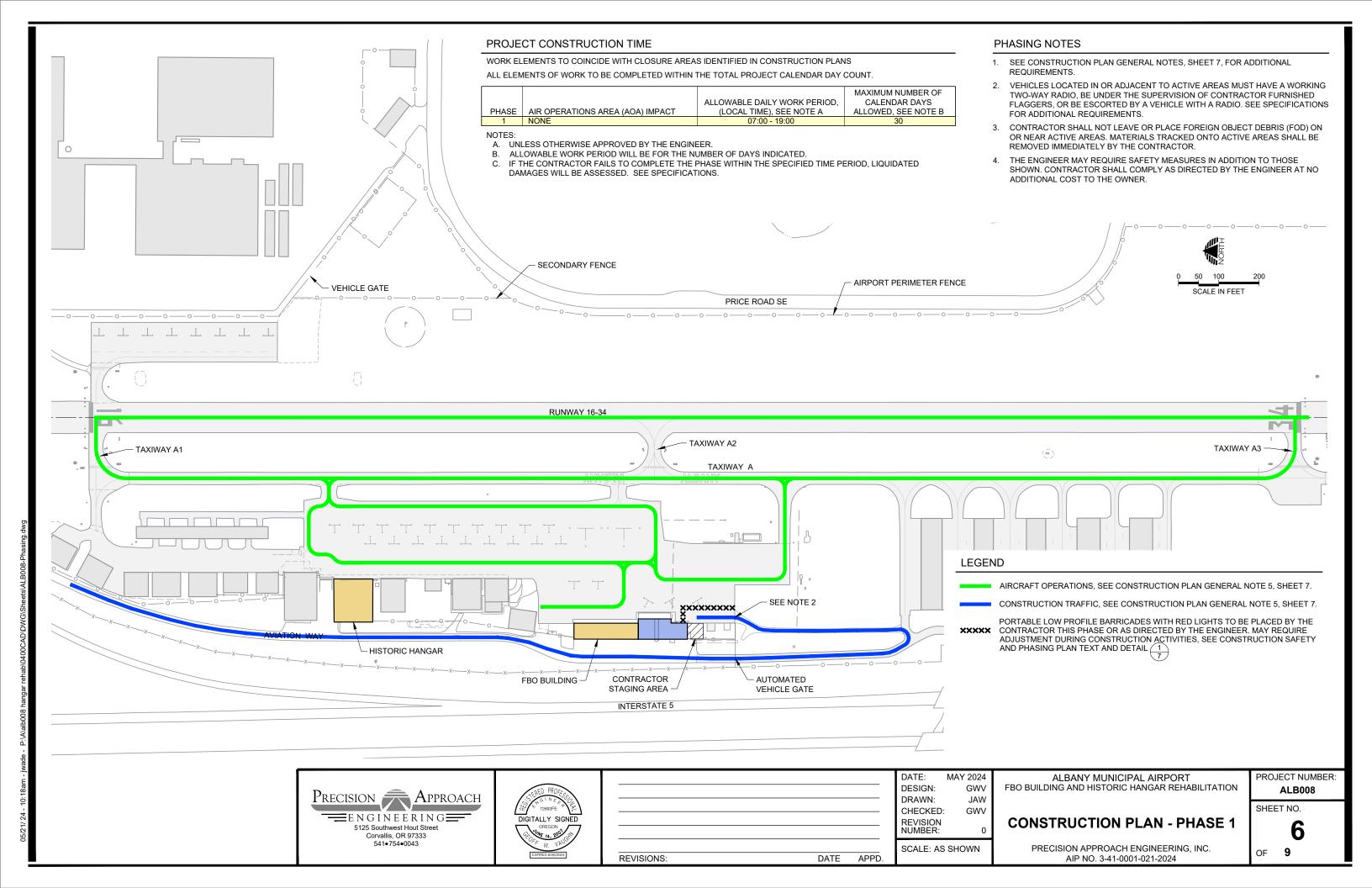
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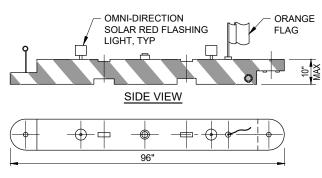
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- AIRPORT AND AIR OPERATIONS AREAS (AOAS) TO REMAIN OPEN TO AIRCRAFT OPERATIONS DURING ENTIRE COURSE OF WORK. SEE SPECIFICATIONS AND CONSTRUCTION SAFETY AND PHASING PLAN (CSPP) TEXT FOR ADDITIONAL REQUIREMENTS.
- 2. AIRCRAFT ACCESS TO THE APRON AREAS AND HANGARS TO BE MAINTAINED AT ALL TIMES.
- THE CONTRACTOR SHALL PROVIDE SUFFICIENT LEAD TIME FOR REQUIRED NOTIFICATIONS WITH PROJECT STAKEHOLDERS AND THE FEDERAL AVIATION ADMINISTRATION. THIS WILL REQUIRE SUBMITTAL OF A PRELIMINARY SCHEDULE TO INCLUDE START DATES FOR INDIVIDUAL PHASES WITHIN 10 CALENDAR DAYS AFTER NOTICE OF CONTRACT AWARD. A REVISED "CONSTRUCTION SCHEDULE" WILL BE PREPARED IN CONJUNCTION WITH THE PRE-CONSTRUCTION MEETING.
- BARRICADES, LIGHTS, AND OTHER CONSTRUCTION CONTROL DEVICES FURNISHED, PLACED, AND MAINTAINED BY THE CONTRACTOR SHALL BE PROVIDED AT VARIOUS LOCATIONS, AS NECESSARY TO ADEQUATELY SEPARATE CONSTRUCTION ACTIVITIES FROM THE AOA. BARRICADES SHOWN ON THE DRAWINGS ARE FOR REFERENCE AND THE NUMBER AND LOCATION OF BARRICADES MAY CHANGE TO MEET SAFETY REQUIREMENTS.
- 5. WORK AREAS SHOWN IN PHASING PLANS ARE APPROXIMATE. SEE APPROPRIATE DRAWINGS FOR SPECIFIC WORK LIMITS. AIRCRAFT OPERATIONS ROUTES SHOWN ARE APPROXIMATE AND ARE NOT LIMITED TO LOCATIONS SHOWN. CONTRACTOR SHALL REMAIN CLEAR OF AIRCRAFT OPERATIONS AT ALL
- 6. CONTRACTOR SHALL NOT BLOCK VEHICLE ACCESS ROADS OR GATES AT ANY TIME.
- LOCATION OF THE CONTRACTOR'S STAGING AREAS ARE APPROXIMATE. VERIFY LIMITS AND LOCATIONS WITH ENGINEER PRIOR TO MOBILIZATION.
- 8. ALL VEHICLES NOT ESSENTIAL FOR CONSTRUCTION, INCLUDING CONTRACTOR-EMPLOYEE VEHICLES SHALL REMAIN OUTSIDE OF AIR OPERATIONS AREA.
- 9. ALL PORTIONS OF WORK NOT COVERED BY PAYMENT UNDER A SPECIFIC BID ITEM OR LISTED AS INCIDENTAL TO A BID ITEM SHALL BE CONSIDERED INCIDENTAL TO THE MOBILIZATION BID ITEM.
- 10. THE CONTRACTOR SHALL USE AND MONITOR THE AIRPORT'S COMMON TRAFFIC ADVISORY FREQUENCY (CTAF), 122.725 MHZ. SEE CSPP TEXT FOR ADDITIONAL REQUIREMENTS.
- 11. ALL CONSTRUCTION VEHICLES MUST BE CLEARLY MARKED WITH THE COMPANY LOGO AT ALL TIMES.
- 12. AIRFIELD LIGHTING TO BE OPERATIONAL AT ALL TIMES FROM SUNSET TO SUNRISE FOR AREAS OPEN TO AIRCRAFT OPERATIONS.



## **TOP VIEW**

- 1. PROVIDE BARRICADE CAPABLE OF BEING FILLED WITH WATER OR SAND. IF ALTERNATE METHOD OF ANCHORING IS USED IT SHALL NOT CAUSE DAMAGE TO PAVEMENT.
- 2. BARRICADE TO BE CAPABLE OF BEING DEPLOYED BY ONE PERSON WHEN EMPTY
- 3. CONTRACTOR SHALL MAINTAIN ALL LIGHTS IN WORKING ORDER FOR THE DURATION OF THE PROJECT. CONTRACTOR SHALL REPLACE FLAGS AS NECESSARY OR AS DIRECTED BY THE ENGINEER DUE TO DETERIORATION.
- 4. BARRICADES TO BE PROVIDED BY THE CONTRACTOR ARE INCIDENTAL TO THE MOBILIZATION BID ITEM AND ARE PROPERTY OF THE CONTRACTOR UPON COMPLETION OF THE PROJECT.
- 5. NO CONSTRUCTION SHALL BEGIN UNTIL BARRICADES HAVE BEEN PLACED AND APPROVED BY THE ENGINEER.

PORTABLE PLASTIC BARRICADE DETAIL





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**CONSTRUCTION PLAN - NOTES** PRECISION APPROACH ENGINEERING, INC.

AIP NO. 3-41-0001-021-2024

ALBANY MUNICIPAL AIRPORT

FBO BUILDING AND HISTORIC HANGAR REHABILITATION

PROJECT NUMBER: **ALB008** 

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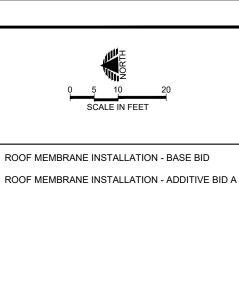
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REPRESENTATION.



# NOTES

**LEGEND** 

- VERIFY EXISTING SITE CONDITIONS PRIOR TO PERFORMING WORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER PRIOR TO INSTALLATION.
- CONTRACTOR SHALL PROVIDE SUBMITTALS ON ALL ITEMS TO BE INSTALLED TO THE ENGINEER FOR REVIEW PRIOR TO ORDER, PURCHASE, AND INSTALLATION.
- ALL WORK SHALL COMPLY WITH APPLICABLE LOCAL AND STATE CODES AND ORDINANCES, AS WELL AS CURRENT STANDARDS, CODES, AND PRACTICES AS REQUIRED BY THE NEC, NEMA, ANSI, NFPA, IBC, UL, AND IEEE.
- 4. EXISTING GAS HEATERS AND ASSOCIATED APPURTENANCES WILL BE REMOVED AND DISPOSED OF OFFSITE BY THE CONTRACTOR.
- ALL PIPING, CONDUIT, VENTS, ETC. EXTENDING THROUGH EXTERIOR WALLS AND/OR ROOF SHALL BE FLASHED AND COUNTER FLASHED IN A WATERPROOF MANNER.
- 6. VERIFY THE EXACT LOCATION AND ELEVATION OF ALL EQUIPMENT PRIOR TO ROUGH-IN. FINAL CONNECTIONS SHALL BE PER MANUFACTURERS APPROVED WIRING DIAGRAMS, DETAILS, AND INSTRUCTIONS. CONTRACTOR SHALL PROVIDE MATERIALS AND EQUIPMENT COMPATIBLE WITH EQUIPMENT ACTUALLY SUPPLIED.
- 7. CONTRACTOR SHALL FURNISH AND INSTALL ALL SUPPORTING ANGLES AND EXTRA SUPPORT BEAMS AS NECESSARY FOR NEW HEATER INSTALL ATIONS
- 8. ANY POWER OUTAGE OF ANY CIRCUIT SHALL BE APPROVED BY THE OWNER A MINIMUM OF TWO WEEKS PRIOR TO OUTAGE.
- PROVIDE IDENTIFICATION LABELS ON ALL EQUIPMENT, PIPING, VALVES, CONTROLS, ETC. TO MATCH EXISTING BUILDING LABELING, VERIFY WITH OWNER AND ENGINEER.
- CONTRACTOR SHALL SUBMIT OPERATION AND MAINTENANCE MANUALS TO THE OWNER FOR ALL WORK ITEMS AT THE CONCLUSION OF THE PROJECT.

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INSTALL 3/4" CONDUIT AND

BOXES AS REQUIRED



HISTORIC HANGAR

(5) #10 AWG

THWN-2

(7) #10 AWG THWN-2

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- INSTALL ELECTRIC

ADD (3) 2-POLE 20A CB TO EXISTING PANEL

INFRARED HEATER, TYP

INSTALL (3) 20A 400W IR

HEATER CONTROLS

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ALBANY MUNICIPAL AIRPORT FBO BUILDING AND HISTORIC HANGAR REHABILITATION

# HISTORIC HANGAR IMPROVEMENTS

PRECISION APPROACH ENGINEERING, INC. AIP NO. 3-41-0001-021-2024

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