CONSTRUCTION PLANS - ISSUED NOVEMBER 19, 2021

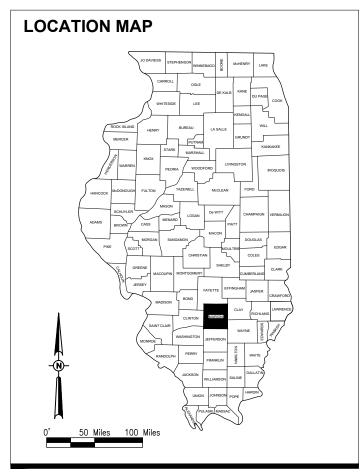
REHABILITATE A PORTION OF MAIN BITUMINOUS AIRCRAFT PARKING RAMP AND BITUMINOUS TAXIWAY

SALEM AIRPORT AUTHORITY
SALEM-LECKRONE AIRPORT (SLO)
SALEM, MARION COUNTY, ILLINOIS

IDA PROJECT NO. SLO-4893 SBG PROJECT NO. 3-17-SBGP-162/171

SCOPE OF WORK:

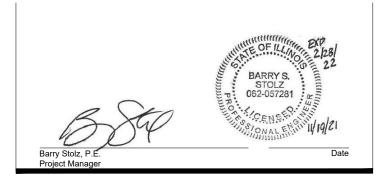
THIS PROJECT SHALL CONSIST OF REHABILITATING THE BITUMINOUS PORTION OF THE MAIN PCC AIRCRAFT APRON AND THE NORTH TAXIWAY BETWEEN THE APRON AND RUNWAY.



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.

No.	Issue/Description	Sheets Changed	Date	Ву







SUMMARY OF QUANTITIES						
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	AS-BUILT QUANTITY		
AR150510	ENGINEER'S FIELD OFFICE	L SUM	1			
AR150520	MOBILIZATION	L SUM	1			
AR150540	HAUL ROUTE	L SUM	1			
AR152480	SHOULDER ADJUSTMENT	SQ YD	1,630			
AR156500	TEMPORARY EROSION CONTROL	L SUM	1			
AR156531	EROSION CONTROL BLANKET	SQ YD	337			
AR401613	BIT. SURF. CSEMETHOD I, SUPERPAVE	TON	1,200			
AR401650	BITUMINOUS PAVEMENT MILLING	SQ YD	10,018			
AR603510	BITUMINOUS TACK COAT	GALLON	1,503			
AR620520	PAVEMENT MARKING-WATERBORNE	SQ FT	2,174			
AR620525	PAVEMENT MARKING-BLACK BORDER	SQ FT	1,152			
AR620590	TEMPORARY MARKING	SQ FT	693			
AR705548	8" NON PERFORATED UNDERDRAIN	FOOT	68			
AR751940	ADJUST INLET	EACH	3			
AR800463	REM. & REPL. CONC. PAD & SIDEWALK	L SUM	1			
AR901510	SEEDING	ACRE	0.34			
AR908514	LIGHT-DUTY HYDRAULIC MULCH	ACRE	0.27			
·						
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GENERAL NOTES:

QUANTITIE

PAYMENT WILL BE MADE UNDER THE ITEM NUMBERS, DESCRIPTIONS AND UNITS NOTED IN THE ABOVE TABLE IN ACCORDANCE WITH THE BASIS OF PAYMENT FOR EACH RESPECTIVE WORK ITEM COMPLETED AND ACCEPTED BY THE ENGINEER.

CERITIFIED PAYROLL

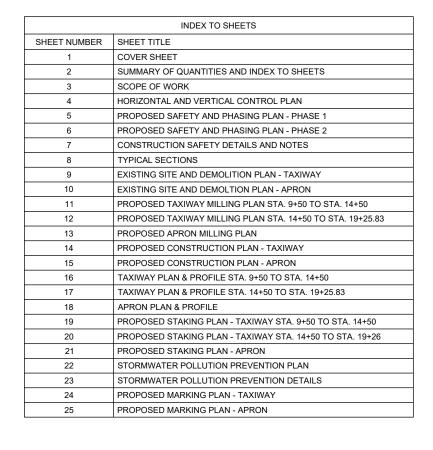
THE RESIDENT ENGINEER/TECHNICIAN CANNOT FORWARD CONSTRUCTION REPORTS TO THE ILLINOIS DIVISION OF AERONAUTICS FOR PROCESSING UNTIL ALL CERTIFIED PAYROLLS FOR THE PERIOD HAVE BEEN RECEIVED.

MATERIAL CERTIFICATIONS

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

FILES

FOLLOWING THE PROJECT AWARD, THE ENGINEER CAN PROVIDE THE RELEVANT AUTOCAD AND CIVIL 3D SURFACE MODEL FILES TO THE AWARDED CONTRACTOR UPON REQUEST TO ASSIST WITH CONSTRUCTION LAYOUT.





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#184-001084

Salem-Leckrone Airport

Salem Airport Authority 1100 Airport Rd. Salem, IL 62881



DATE
SIGNED: 11/19/2021 LICENSE
SIGNED: 11/19/2021 EXPIRES: 2/28/2022
REHABILITATE A
PORTION OF MAIN
BITUMINOUS AIRCRAFT
PARKING RAMP AND
BITUMINOUS TAXIWAY

SBG No: 3-17-SBGP-162/171 IDA No: SLO-4893

Contract No. SA035

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ISSUE: NOVEMBER 19, 2021
PROJECT NO: 21A0070
CAD FILE: G-002-FLP.DWG
DESIGN BY: DAW 10/12/2021

DRAWN BY: MGL 10/12/2021 REVIEWED BY: BSS 10/12/2021

SHEET TITLE

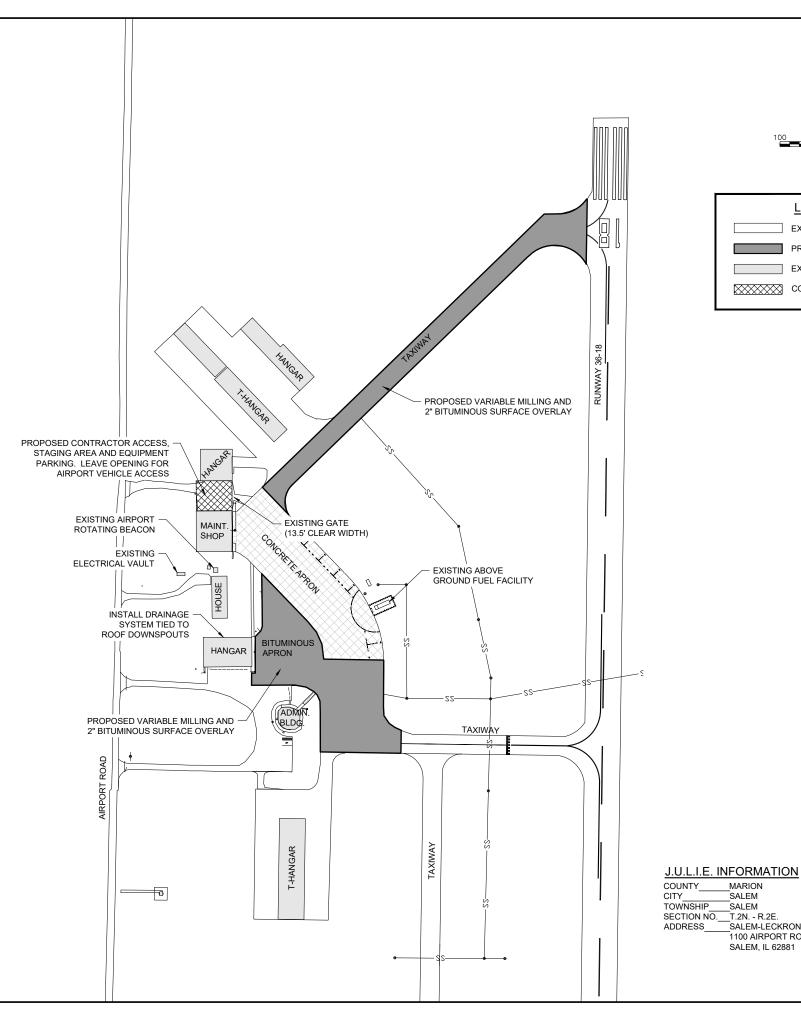
SUMMARY OF QUANTITIES AND INDEX TO SHEETS

GENERAL NOTES

- THE SCOPE OF WORK SHEET IS INTENDED ONLY AS A GENERAL DESCRIPTION OF WORK ITEMS AND THEIR APPROXIMATE LOCATIONS AND LIMITS, FOR THE PURPOSE OF UNDERSTANDING THE SCOPE OF THE PROJECT. THIS SHEET SHALL NOT BE USED AS A CONSTRUCTION PLAN. REFER TO THE FOLLOWING PLAN SHEETS FOR DETAILED CONSTRUCTION REQUIREMENTS, LOCATIONS, AND ITEMS OF WORK.
- THIS WORK FOR THIS PROJECT SHALL CONSIST OF REHABILITATING THE BITUMINOUS PORTION OF THE MAIN AIRCRAFT APRON AND THE NORTH TAXIWAY BETWEEN THE APRON AND THE RUNWAY. OTHER WORK ITEMS INCLUDE DRAINAGE STRUCTURE ADJUSTMENTS
- THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, EQUIPMENT, AND TRANSPORTATION NECESSARY TO CONSTRUCT ALL ELEMENTS OF THE PROJECT AS DESCRIBED IN THE CONSTRUCTION PLANS AND SPECIFICATIONS.
- THE RULES, REGULATIONS, AND SPECIFICATIONS ENUMERATED HEREIN SHALL BE CONSIDERED AS MINIMUM REQUIREMENTS. THEY SHALL NOT PROHIBIT THE CONTRACTOR FROM FURNISHING AND INSTALLING HIGHER GRADES OF MATERIAL THAN ARE SPECIFIED
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT, PRESERVE AND REPAIR THE EXISTING AIRFIELD AND ROADWAY PAVEMENTS AT ALL TIMES. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING ELECTRICAL. DRAINAGE. AND
- NO EQUIPMENT SHALL BE PERMITTED TO CROSS OR USE ANY EXISTING PAVEMENT OUTSIDE THE CONSTRUCTION LIMITS. GENERAL PROJECT AREA OR HAUL ROUTE.
- CONTRACTOR IS REQUIRED TO PROVIDE THEIR OWN RESTROOM FACILITIES
- UNLESS OTHERWISE NOTED, ALL DISTURBED AREAS OUTSIDE OF THE PROPOSED CONSTRUCTION LIMITS SHALL BE GRADED, SEEDED AND/OR HYDROMULCH SEEDED IN ACCORDANCE WITH ITEM 901 AND 908 AT NO ADDITIONAL COST TO THE CONTRACT.
- ALL WASTE MATERIAL SHALL BE HAULED FROM THE AIRPORT AND PROPERLY DISPOSED OF UNLESS OTHERWISE SPECIFIED HEREIN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING PERMITS FOR HAULING ON PUBLIC ROADS, AS APPLICABLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY DAMAGES TO ANY PAVEMENTS (PUBLIC OR PRIVATE) CAUSED BY HIS/HER CONSTRUCTION EQUIPMENT OR PERSONNEL.
- 11. THE OWNER SHALL HAVE THE RIGHT OF FIRST REFUSAL FOR ALL SALVAGEABLE MATERIAL REMOVED ON THE PROJECT.
- 12. THE CONTRACTOR SHALL COORDINATE WITH THE RESIDENT ENGINEER / TECHNICIAN SO THEY MAY DEVELOP ONE SET OF REDLINED AS-BUILT RECORD DRAWINGS AT THE
- 13. THE CONSTRUCTION LIMITS SHALL BE RESTRICTED TO AREAS THAT ARE ABSOLUTELY NECESSARY TO DISTURB TO COMPLETE THE REQUIRED WORK ITEMS. LIMITS SHALL BE COORDINATED WITH THE RESIDENT ENGINEER PRIOR TO BEGINNING ANY WORK.
- 14. CONTRACTOR SHALL RESTORE TO ORIGINAL CONDITION ALL GRASS, STONE, OR PAVEMENT DISTURBED BY CONTRACTOR'S CONSTRUCTION OPERATIONS, STAGING, AND CONSTRUCTION ACCESS ROUTES. DISTURBED AREAS TO BE REPAIRED, GRADED, AND MULCHED SEEDED IN ACCORDANCE WITH ITEMS 901 AND 908, UNLESS OTHERWISE NOTED. STAGING AREA AND SITE ACCESS RESTORATION SHALL BE INCLUDED IN THE COST OF
- 15. THE PROJECT PAY ITEMS ARE INTENDED TO BE INCLUSIVE OF ALL WORK TO BE PERFORMED AS SHOWN IN THESE PLANS, ALL INCIDENTAL WORK REQUIRED TO COMPLETE THE PROJECT TO THE SATISFACTION OF THE RESIDENT ENGINEER/ TECHNICIAN IS TO BE INCLUDED IN THE COSTS OF PERFORMING
- 16. ANY UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL COORDINATE WITH THE PROPER PERSONS FOR THE PURPOSE OF LOCATING AND PROTECTING EXISTING UNDERGROUND
- 17. THE CONTRACTOR MUST AT ALL TIMES MAINTAIN PROPER DRAINAGE FOR ALL AREAS

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE 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 COMPANIES OF ITS 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 OWNER'S REPRESENTATIVE AND THE RESIDENT ENGINEER/TECHNICIAN SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT. ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123, CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND LOCATED BY THE FAA. ALSO CONTACT AIRPORT MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.





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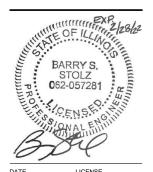
Salem-Leckrone Airport

LEGEND

EXISTING IMPROVEMENTS

PROPOSED IMPROVEMENTS

EXISTING BUILDINGS CONTRACTOR STAGING AREA Salem Airport Authority 1100 Airport Rd. Salem, IL 62881



REHABILITATE A PORTION OF MAIN **BITUMINOUS AIRCRAFT** PARKING RAMP AND **BITUMINOUS TAXIWAY**

SBG No: 3-17-SBGP-162/171 IDA No: SLO-4893

Contract No. SA035

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CAD FILE: G-003-SOW.DWG

DESIGN BY: DAW 10/12/2021 DRAWN BY: MGL 10/12/2021

REVIEWED BY: BSS 10/12/2021

SHEET TITLE

SCOPE OF WORK

Simply Call 811

MARION

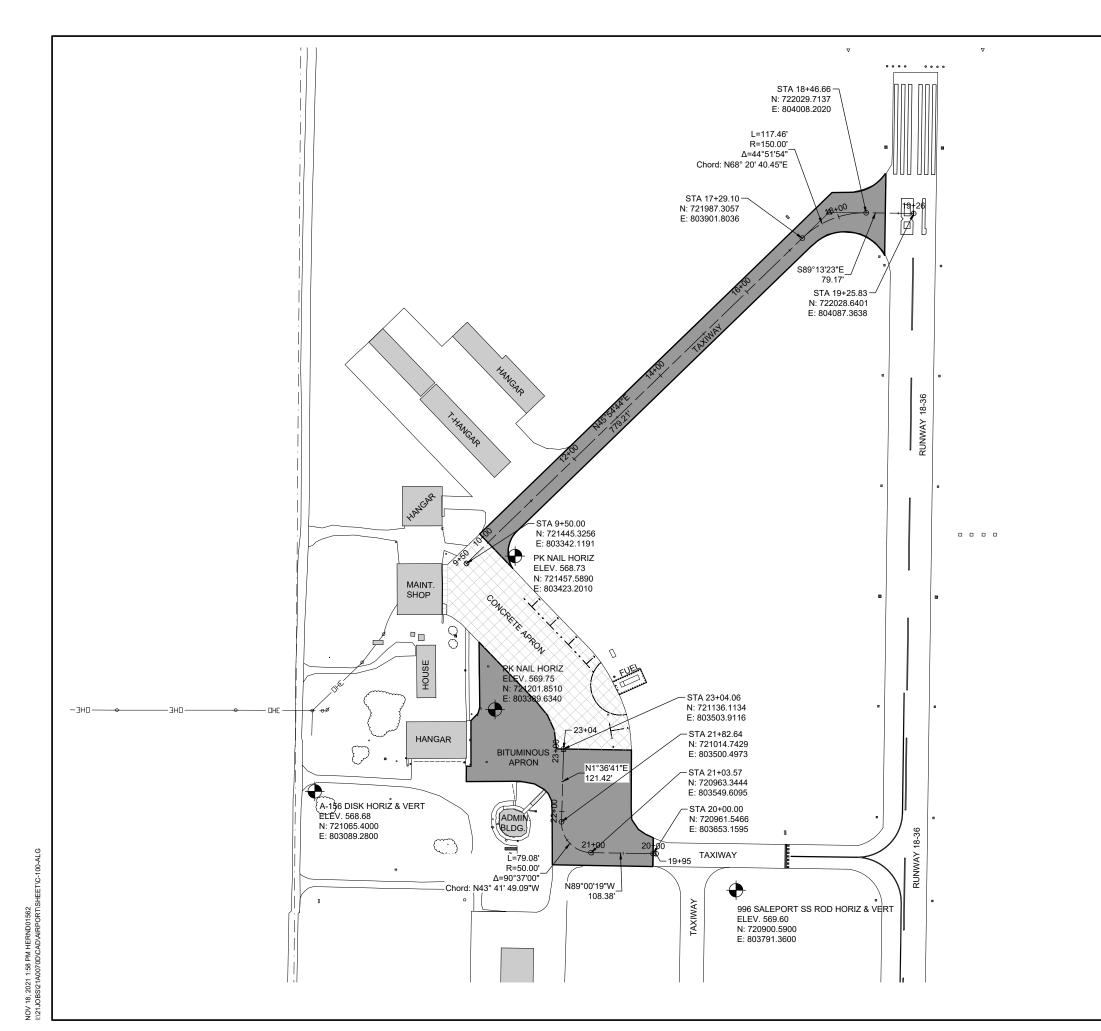
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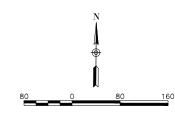
SALEM

SALEM-LECKRONE AIRPORT

1100 AIRPORT ROAD

SALEM, IL 62881





LEGEND
EXISTING IMPROVEMENTS
PROPOSED IMPROVEMENTS
EXISTING BUILDINGS
CONTRACTOR STAGING AREA

CONTROL POINT DATA						
NO.	DESCRIPTION	NORTHING	EASTING	ELEV.		
Α	PK NAIL	721457.5890	803423.2010	568.73		
В	PK NAIL	721201.8510	803389.6340	569.75		
С	A-156 DISK	721065.4000	803089.2800	568.68		
ח	996 SALEPORT SS ROD	720000 5000	803701 3600	569.60		

SURVEY NOTES

- ALL COORDINATE VALUES SHOWN IN TABLE ARE BASED ON ILLINOIS STATE PLANE EAST ZONE NAD-83 (2007).
- 2. REFER TO IDOT STANDARD SPECIFICATIONS 50-06, CONSTRUCTION LAYOUT AND STAKES, FOR ADDITIONAL INFORMATION.

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SIGNED: 11/19/2021 ELCENSES 2/28/2022
REHABILITATE A
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SBG No: 3-17-SBGP-162/171 IDA No: SLO-4893

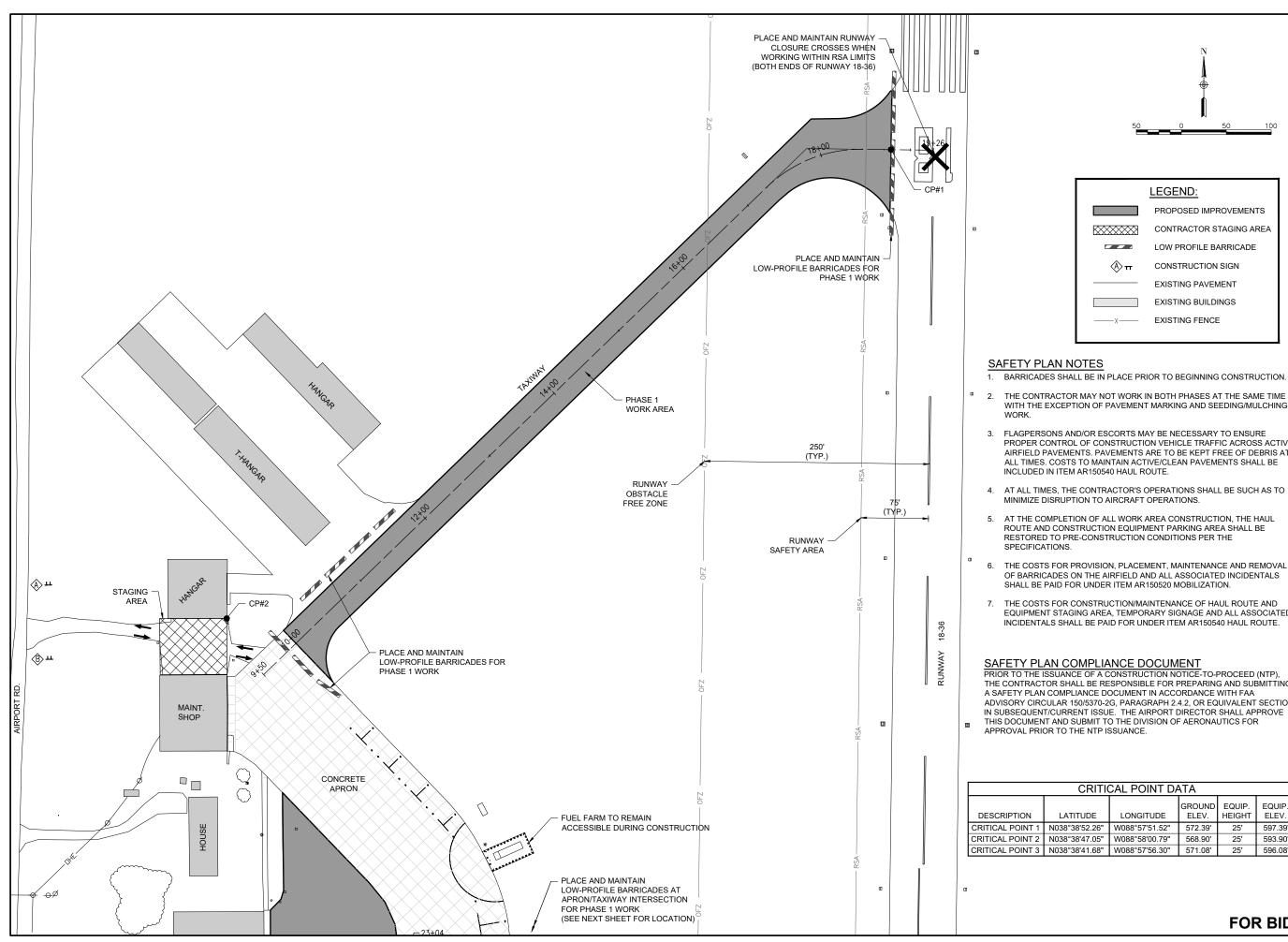
Contract No. SA035

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SHEET TITLE

HORIZONTAL AND VERTICAL CONTROL PLAN

DRAWN BY: MGL 10/12/2021 REVIEWED BY: BSS 10/12/2021





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REHABILITATE A PORTION OF MAIN **BITUMINOUS AIRCRAFT** PARKING RAMP AND **BITUMINOUS TAXIWAY**

SBG No: 3-17-SBGP-162/171 IDA No: SLO-4893

Contract No. SA035

NO.	DATE	DESCRIPTION			
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ISSUE: NOVEMBER 19, 2021					

PROJECT NO: 21A0070

CAD FILE: C-100-PHS1.DWG DESIGN BY: JRH 10/12/2021 DRAWN BY: JRH 10/12/2021 REVIEWED BY: BSS 10/29/2021

SHEET TITLE

PROPOSED SAFETY AND PHASING PLAN -PHASE 1

FOR BID

SAFETY PLAN COMPLIANCE DOCUMENT

INCLUDED IN ITEM AR150540 HAUL ROUTE.

SPECIFICATIONS.

MINIMIZE DISRUPTION TO AIRCRAFT OPERATIONS.

PRIOR TO THE ISSUANCE OF A CONSTRUCTION NOTICE-TO-PROCEED (NTP). THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND SUBMITTING A SAFETY PLAN COMPLIANCE DOCUMENT IN ACCORDANCE WITH FAA ADVISORY CIRCULAR 150/5370-2G, PARAGRAPH 2.4.2, OR EQUIVALENT SECTION IN SUBSEQUENT/CURRENT ISSUE. THE AIRPORT DIRECTOR SHALL APPROVE THIS DOCUMENT AND SUBMIT TO THE DIVISION OF AERONAUTICS FOR APPROVAL PRIOR TO THE NTP ISSUANCE.

EQUIPMENT STAGING AREA, TEMPORARY SIGNAGE AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150540 HAUL ROUTE.

LEGEND:

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BARRICADES SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION.

WITH THE EXCEPTION OF PAVEMENT MARKING AND SEEDING/MULCHING

PROPER CONTROL OF CONSTRUCTION VEHICLE TRAFFIC ACROSS ACTIVE

AIRFIELD PAVEMENTS. PAVEMENTS ARE TO BE KEPT FREE OF DEBRIS AT

ALL TIMES. COSTS TO MAINTAIN ACTIVE/CLEAN PAVEMENTS SHALL BE

AT THE COMPLETION OF ALL WORK AREA CONSTRUCTION, THE HAUL

ROUTE AND CONSTRUCTION EQUIPMENT PARKING AREA SHALL BE

RESTORED TO PRE-CONSTRUCTION CONDITIONS PER THE

SHALL BE PAID FOR UNDER ITEM AR150520 MOBILIZATION.

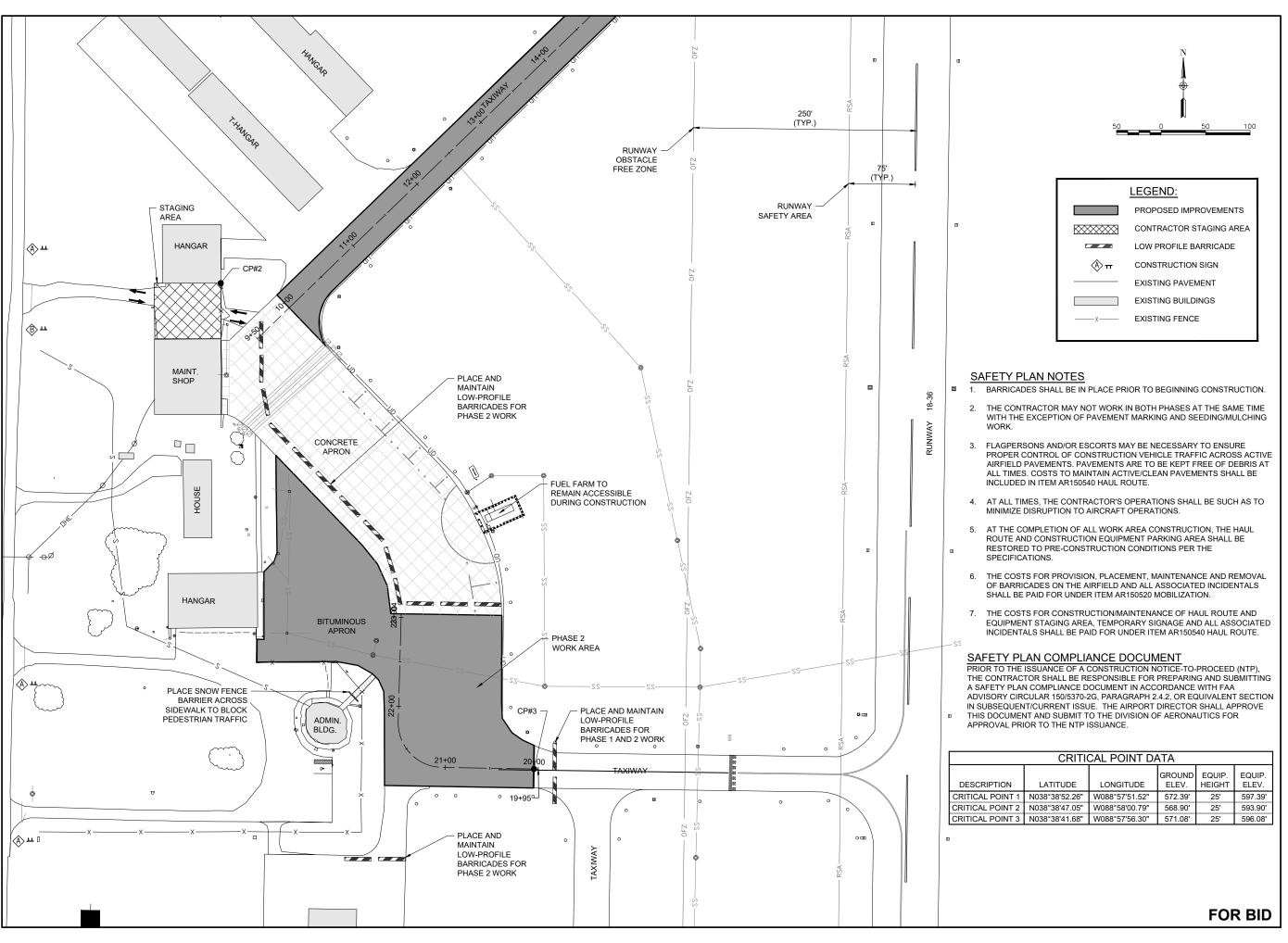
PROPOSED IMPROVEMENTS

CONTRACTOR STAGING AREA LOW PROFILE BARRICADE

CONSTRUCTION SIGN

EXISTING PAVEMENT **EXISTING BUILDINGS** EXISTING FENCE

CRITICAL POINT DATA					
DESCRIPTION LATITUDE LONGITUDE GROUND EQUIP. EQUIP. ELEV. HEIGHT ELEV.					
CRITICAL POINT 1	N038°38'52.26"	W088°57'51.52"	572.39'	25'	597.39'
CRITICAL POINT 2	N038°38'47.05"	W088°58'00.79"	568.90'	25'	593.90'
CRITICAL POINT 3 N038°38'41.68" W088°57'56.30" 571.08' 25' 596.08'					





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LICENSE REHABILITATE A PORTION OF MAIN **BITUMINOUS AIRCRAFT** PARKING RAMP AND **BITUMINOUS TAXIWAY**

SBG No: 3-17-SBGP-162/171 IDA No: SLO-4893

Contract No. SA035

NO.	DATE	DESCRIPTION		ION	
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ISSUE: NOVEMBER 19, 2021					
PROJECT NO: 21A0070					

CAD FILE: C-100-PHS2.DWG

DESIGN BY: JRH 10/12/2021 DRAWN BY: JRH 10/12/2021 REVIEWED BY: BSS 10/29/2021

SHEET TITLE

PROPOSED SAFETY AND PHASING PLAN -PHASE 2



<u>OPTION 2:</u> L-893 LIGHTED RUNWAY CLOSURE <u>MARKER</u>

RUNWAY CLOSURE CROSS MARKER DETAIL NOT TO SCALE

CLOSURE CROSS NOTES

- RUNWAY CLOSURE CROSS MARKINGS SHALL BE LIGHTED DURING DARKNESS AND PERIODS OF REDUCED VISIBILITY. THE LIGHTED MARKERS SHALL BE PLACED OVER THE RUNWAY NUMERALS OR IMMEDIATELY OFF THE END OF THE RUNWAY ON THE EXTENDED CENTERLINE. AS DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN.
- 2. THE CONTRACTOR SHALL PROVIDE THE CLOSURE CROSSES BY ONE OF TWO OPTIONS:

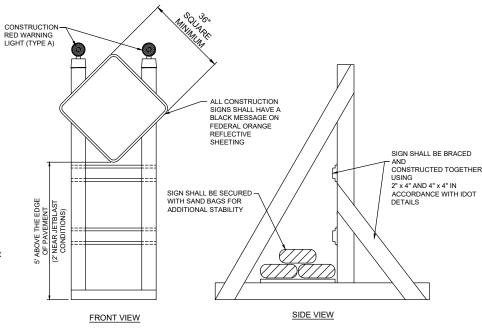
OPTION 1: TEMPORARY CLOSURE CROSS MARKINGS SHALL BE CONSTRUCTED OF PLYWOOD, SNOW FENCE OR APPROVED FABRIC AND SHALL BE SECURED TO PAVEMENT BY SANDBAGS OR OTHER APPROVED METHOD.

OPTION 2: THE CONTRACTOR SHALL PROVIDE TWO (2) L-893 LIGHTED RUNWAY CLOSURE MARKERS, MEETING THE REQUIREMENTS IN FAA ADVISORY CIRCULAR 150/5345-55 AND SHALL BE IN PLACE AND OPERATING WHENEVER THE RUNWAY IS CLOSED AND REMOVED WHEN THE RUNWAY IS RE-OPENED.

- 3. THE CONTRACTOR SHALL MAKE FREQUENT INSPECTION OF THE LIGHTED CROSSES AND MAKE PROMPT REPAIRS AS NECESSARY
- 4. THE CONTRACTOR SHALL BE ON-CALL FOR 24-HOUR EMERGENCY MAINTENANCE WHEN LIGHTED CROSSES ARE BEING USED.
- 5. LIGHTED MARKERS SHALL BE SECURED FROM WIND EFFECTS BY THE CONTRACTOR AS RECOMMENDED BY THE MANUFACTURER.
- 6. COST FOR PROVIDING, PLACING, OPERATING, MAINTAINING, RELOCATING AND REMOVING CLOSURE CROSSES SHALL BE INCLUDED IN THE COST OF THE MORILIZATION ITEM

BARRICADE NOTES

- I. CLOSED AIRFIELD PHASING AREAS, OPEN TRENCHES, AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHALL BE PROMINENTLY MARKED WITH LIGHTED BARRICADES WITH STEADY BURNING OR FLASHING RED LIGHTS AS SPECIFIED IN 150/5370-2, "OPERATIONAL SAFETY ON AIRPORT DURING CONSTRUCTION, LATEST EDITION. LIGHTED BARRICADES MUST BE NO TALLER THAN 18" (EXCLUSIVE OF SUPPLEMENTARY LIGHTS AND FLAGS) ON THE TAXIWAYS AND COMPLY WITH ADVISORY CIRCULAR 150/5370-2, LATEST EDITION. CONTRACTOR SHALL NIGHT CHECK BARRICADES DAILY FOR PROPER OPERATION.
- BARRICADES SHALL BE SPACED END TO END THE WIDTH OF THE PAVEMENT WITH GAPS BETWEEN BARRICADES NOT TO EXCEED 4' WIDE. BARRICADES ARE TO BE SET BACK 66' FROM THE ACTIVE TAXIWAY CENTERLINE OR AS SHOWN ON THE PLANS.
- CONSTRUCTION RED WARNING LIGHT: THESE ARE PORTABLE, LENS DIRECTED, ENCLOSED LIGHTS. THE COLOR OF THE LIGHT EMITTED SHALL BE RED. THEY MAY BE USED IN EITHER A STEADY BURN (TYPE C) OR LOW INTENSITY FLASHING MODE (TYPE A) UNLESS NOTED OTHERWISE.
- THE LIGHTING SHALL BE MAINTAINED IN OPERATION DURING THE HOURS OF DARKNESS BETWEEN 1/2 HOUR BEFORE SUNSET AND 1/2 HOUR AFTER SUNRISE AND WHEN CONDITIONS EXIST WHICH TEND TO OBSCURE VISION.
- BARRICADES SHALL BE SECURED TO THE GROUND BY APPROVED METHODS TO PREVENT MOVEMENT BY PROP WASH, JET BLAST OR OTHER WIND CURRENTS.
- 6. THE ONLY COLOR COMBINATION ON BARRICADES IS ORANGE AND WHITE. THE ORANGE STRIPES SHALL BE ENCAPSULATED LENS REFLECTIVE SHEETING. THE WHITE STRIPES SHALL BE EITHER ENCAPSULATED OR ENCLOSED LENS REFLECTIVE SHEETING AND MUST BE IN ACCEPTABLE CONDITION.
- COST FOR PROVIDING, PLACING, MAINTAINING, AND REMOVING BARRICADES SHALL BE INCLUDED IN ITEM AR150520 MOBILIZATION.



SIGNAGE NOTES

- ALL CONSTRUCTION SIGNS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL
 ON UNIFORM TRAFFIC CONTROL DEVICES INCLUDING THE ILLINOIS SUPPLEMENT (LATEST
 EDITION) AND THE FAA ADVISORY CIRCULARS (LATEST EDITION) UNLESS NOTED OTHERWISE.
 THE FAA OR MORE STRINGENT SPECIFICATIONS SHALL GOVERN.
- 2. UNLESS OTHERWISE SPECIFIED, CONSTRUCTION SIGNS SHALL BE MOUNTED ON PORTABLE OR NON-PORTABLE SUPPORTS. A PORTABLE SUPPORT IS DEFINED AS A TYPICAL SIGN STANDARD AS SHOWN ON THIS SHEET, OR A SMALL LIGHT WEIGHT TRAILER. A NON-PORTABLE SUPPORT IS DEFINED AS DRIVEN METAL OR WOOD POST. ALL SIGNS, REGARDLESS OF THE TYPE OF SUPPORTS USED, SHALL BE MOUNTED SUCH THAT THE MESSAGE ON THE SIGN IS LEVEL IN THE HORIZONTAL PLANE AFTER PLACEMENT. THE COST OF CONSTRUCTION WARNING LIGHTS SHALL BE INCLUDED IN THE COST OF TOWNSIGNS.
- 3. CONSTRUCTION RED WARNING LIGHT: THESE ARE PORTABLE, LENS DIRECTED, ENCLOSED LIGHTS. THE COLOR OF THE LIGHT EMITTED SHALL BE RED. THEY ARE TO BE USED IN A LOW INTENSITY FLASHING MODE (TYPE A)
- 4. THE LIGHTING SHALL BE MAINTAINED IN OPERATION DURING THE HOURS OF DARKNESS BETWEEN 1/2 HOUR AFTER SUNSET AND 1/2 HOUR BEFORE SUNRISE AND WHEN CONDITIONS EXIST WHICH TEND TO OBSCURE VISION.
- COST FOR PROVIDING, PLACING, MAINTAINING, AND REMOVING SIGNS SHALL BE INCLUDED IN ITEM AR150540 HAUL ROUTE.



CONSTRUCTION SIGNS

SAFETY NOTES

- . FOLLOWING ARE THE CONSTRUCTION SAFETY PROCEDURES THAT THE CONTRACTOR SHALL FOLLOW THROUGHOUT THIS PROJECT. ADDITIONAL REQUIREMENTS ARE SHOWN ON THE SAFETY AND PHASING NOTES AND DETAILS SHEET.
- ALL PROVISIONS OF THE LATEST EDITION OF FAA ADVISORY CIRCULAR AC 150/5370-2 (CURRENT EDITION),
 "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION", APPLY TO THIS CONTRACT, EXCEPT AS MODIFIED
 BY THIS SAFETY PLAN, OR AS MODIFIED BY THE OWNER THROUGH THE RESIDENT ENGINEER AT THE
 PRECONSTRUCTION CONFERENCE, OR DURING THE COURSE OF THE CONTRACT.
- 3. THE CONTRACTORS SHALL MINIMIZE DISRUPTION OF STANDARD OPERATING PROCEDURES FOR AERONAUTICAL ACTIVITY BY REMAINING WITHIN THE PRESCRIBED STAGING, CONSTRUCTION, AND PHASING AREAS PRESENTED ON THE PROJECT SAFETY AND PHASING PLANS.
- NO UNAUTHORIZED PERSONNEL SHALL ENTER ANY AREA OF THE AIRPORT THAT COULD POTENTIALLY BE HAZARDOUS. THE AIRPORT MANAGER RESERVES THE RIGHT TO SUSPEND OPERATIONS IN ORDER TO MAINTAIN SAFETY AT THE AIRPORT.
- CONTRACTOR EQUIPMENT, VEHICLES, AND PROJECT MATERIALS SHALL BE STORED AT THE STAGING AREA SHOWN ON THE PLAN VIEW, EXCEPT AS OTHERWISE PROVIDED FOR AT THE PRECONSTRUCTION CONFERENCE.
- 3. ALL CONSTRUCTION EQUIPMENT OPERATING IN THE PRESCRIBED CONSTRUCTION AREA IS REQUIRED TO DISPLAY A CHECKERBOARD FLAG PROPERLY LOCATED OR A ROTATING BEACON (STROBE) AS SPECIFIED IN AC 150/5210-5, "PAINTING, MARKING, AND LIGHTING OF VEHICLES USED ON AN AIRPORT" LATEST EDITION.
- 7. NO CONSTRUCTION MATERIAL STOCKPILES SHALL BE LOCATED WITHIN 250' OF ANY ACTIVE RUNWAY, WITHIN 66' OF ANY OTHER ACTIVE AIRPORT OPERATIONS AREA, OR PENETRATE A PART 77 IMAGINARY SURFACE (PROVIDED BY THE RESIDENT ENGINEER) EXTENDING OUT AND UPWARDS FROM ALL SIDES OF AN ACTIVE RUNWAY.
- NO OPEN TRENCHES WITHIN 250' OF AN ACTIVE RUNWAY CENTERLINE OR WITHIN 66' OF ANY AIRPORT
 OPERATIONS AREA WILL BE PERMITTED UNLESS PROPERLY MARKED. OTHER TRENCHES SHALL BE MAINTAINED
 SAFE, I.E., BARRICADED OR COVERED WITH STEEL PLATES IN ALL OTHER AREAS.
- OPEN TRENCHES, EXCAVATIONS, AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHOULD BE PROMINENTLY MARKED WITH ORANGE FLAGS AND LIGHTED WITH FLASHING YELLOW LIGHTS DURING HOURS OF RESTRICTED VISIBILITY AND/OR DARKNESS.
- 10. THE MAXIMUM ANTICIPATED HEIGHT OF THE CONSTRUCTION EQUIPMENT WILL BE 25 FEET, WHICH IS EXPECTED TO BE A CONCRETE TRUCK, DUMP TRUCK, OR BACKHOE.
- 11. NO OPEN FLAME WELDING OR TORCH CUTTING OPERATION IS PERMITTED UNLESS ADEQUATE FIRE AND SAFETY PRECAUTIONS ARE PROVIDED AND HAVE BEEN APPROVED BY THE AIRPORT MANAGER NO FLARE POTS ARE ALLOWED ON THE PROJECT
- 12. SOIL, DEBRIS, AND LOOSE MATERIAL DROPPED OR TRUCKED ONTO AIRPORT ROADS, TAXIWAYS, AND SOD SURFACES, OR WHICH CAN BE BLOWN ONTO SUCH SURFACES, SHALL BE IMMEDIATELY SWEPT, PICKED UP AND REMOVED, OR PLACED INTO CLOSED CONTAINERS. ANY DAMAGE TO AIRPORT PROPERTY SHALL BE REPAIRED IMMEDIATELY AT NO COST TO THE OWNER.
- 13. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND MAINTAINING AIRPORT LIGHTING AND NAVIGATIONAL ELECTRICAL SYSTEMS DURING CONSTRUCTION. A CONTACT PERSON AND TELEPHONE NUMBER FOR 24 HOUR EMERGENCY IMMEDIATE REPAIR SHALL BE SUBMITTED TO THE AIRPORT MANAGER AND RESIDENT ENGINEER. HAUL ROUTES CROSSING PAVEMENT, DRAINAGE, MISCELLANEOUS. STRUCTURES AND/OR AIRFIELD CABLES SHALL BE PROTECTED FROM DAMAGE.
- 14. ALL AIRCRAFT AND AIRPORT OPERATIONS HAVE THE RIGHT-OF-WAY. CONTRACTOR TO YIELD TO VEHICLES AND REMAIN CLEAR AT ALL TIMES.
- 15. CONTRACTOR SHALL PLACE, SECURE, AND MAINTAIN LIGHTED BARRICADES AND CLOSURE CROSSES WHEN A RUNWAY/TAXIWAY/APRON IS CLOSED OR AS REQUIRED BY THE PLANS AND DESIGNATED BY THE RESIDENT ENGINEER/TECHNICIAN.
- 16. CONTRACTOR SHALL MARK HAZARDOUS AREA WITH STEADY-BURNING OR FLASHING RED LIGHTS DURING PERIODS OF LOW VISIBILITY AS REQUIRED.
- 17. THE CONTRACTOR SHALL PERIODICALLY PERFORM ONSITE INSPECTIONS THROUGHOUT THE DURATION OF THE PROJECT WITH THE IMMEDIATE REMEDY OF ANY DIFFERENCES, WHETHER CAUSED BY NEGLIGENCE, OVERSIGHT, OR PROJECT SCOPE CHANGE
- 18. CONTRACTOR SHALL MOVE MAINTENANCE OF TRAFFIC COMPONENTS AT THE WRITTEN DIRECTION OF THE RESIDENT ENGINEER/TECHNICIAN AT NO ADDITIONAL COST.
- 19. CONTRACTOR SHALL NOT REMOVE THE BARRICADES WITHOUT THE APPROVAL BY THE RESIDENT ENGINEER/TECHNICIAN.
- 20. CONTRACTOR SHALL MAINTAIN FLASHERS, SIGNS AND/OR BARRICADES AS REQUIRED BY THE PLANS, CITY OR COUNTY REGULATIONS OR CONTRACTOR ACTIVITIES. CONTRACTOR SHALL OBTAIN ANY AND ALL REQUIRED LOCAL PERMITS UNLESS SPECIFIED OTHERWISE.
- 21. THE CONTRACTOR SHALL UTILIZE WATER AND/OR CHEMICALS APPROVED BY THE RESIDENT ENGINEER AS NECESSARY TO CONTROL DUST.
- 22. CONSTRUCTION EQUIPMENT OR CONSTRUCTION ACTIVITY WILL NOT BE PERMITTED WITHIN 250' OF ANY ACTIVE RUNWAY CENTERLINE OR WITHIN 66' OF ANY OTHER ACTIVE AIRPORT TAXIWAY OR APRON. HOWEVER, CONSTRUCTION MAY BE PERMITTED IN THESE AREAS IF THE CONTRACTOR HAS GAINED APPROVAL FROM THE AIRPORT MANAGER AT LEAST 7 DAYS IN ADVANCE OF THE SCHEDULED CONSTRUCTION PERIOD AND THE OPERATIONAL AREA IS CLOSED TO TRAFFIC AND PROPER NOTAMS ARE ISSUED BY THE AIRPORT MANAGER TO THE APPROPRIATE FLIGHT SERVICE STATION.
- 23. UNLESS SPECIFIED OTHERWISE, COST FOR THE ABOVE IS TO BE CONSIDERED INCIDENTAL TO THE PROJECT. SEPARATE PAYMENT SHALL NOT BE MADE.



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DATE
SIGNED: 11/19/2021 EXPIRES: 2/28/2022
REHABILITATE A
PORTION OF MAIN
BITUMINOUS AIRCRAFT
PARKING RAMP AND
BITUMINOUS TAXIWAY

SBG No: 3-17-SBGP-162/171 IDA No: SLO-4893

Contract No. SA035

NO. DATE DESCRIPTION
DES DWN REV
ISSUE: NOVEMBER 19, 2021
PROJECT NO: 21A0070

CAD FILE: C-501-SFY.DWG

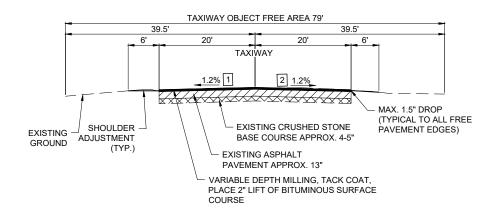
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DRAWN BY: JRH 10/12/2021

REVIEWED BY: BSS 10/29/2021

SHEET TITLE

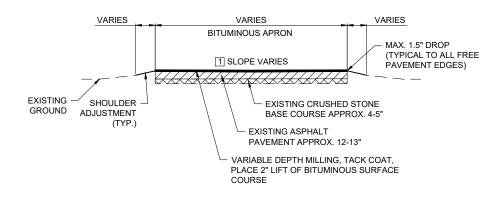
CONSTRUCTION SAFETY DETAILS AND NOTES



TYPICAL SECTION - TAXIWAY NOT TO SCALE

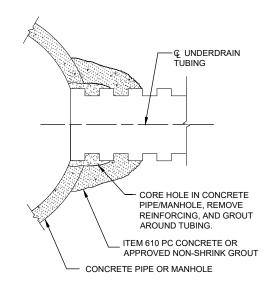
- CROSS SLOPE VARIES BETWEEN STA. 10+00 AND STA. 12+11.88. THEN AGAIN FROM STA. 18+40 TO STA. 18+79 (INTERSECTION WITH RUNWAY 18-36)
- 2 CROSS SLOPE VARIES BETWEEN STA. 10+00 AND STA. 12+50.

NOTE: TAXIWAY WIDTH VARIES AT RADII AND INTERSECTION WITH RUNWAY 18-36.

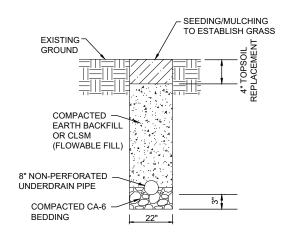


TYPICAL SECTION - APRON NOT TO SCALE

SLOPES VARY ACROSS THE RAMP. SEE THE PAVEMENT MILLING PLAN AND PROPOSED SLOPES VAR I ASSESSED CONSTRUCTION PLAN.



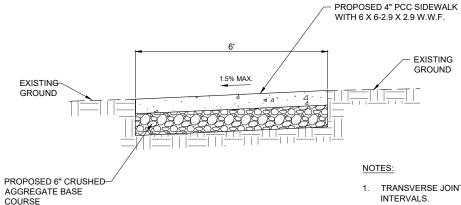
STORM SEWER CONCRETE COLLAR AND **GROUT CONNECTION** NOT TO SCALE



NON-PERFORATED UNDERDRAIN TRENCH **UNDER TURF**

NOT TO SCALE

COST OF ALL WORK ASSOCIATED WITH THIS DETAIL SHALL BE INCLUDED IN COST OF NON-PERFORATED UNDERDRAIN PIPE.



TYPICAL SECTION - SIDEWALK

NOT TO SCALE

1. TRANSVERSE JOINTS SPACED AT 4' INTERVALS.

3/4" PREFORMED EXPANSION JOINT FILLER TO BE USED AT ALL LOCATIONS WHERE SIDEWALK IS ADJACENT TO PCC PAVEMENT

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REHABILITATE A PORTION OF MAIN **BITUMINOUS AIRCRAFT** PARKING RAMP AND **BITUMINOUS TAXIWAY**

SBG No: 3-17-SBGP-162/171 IDA No: SLO-4893

Contract No. SA035

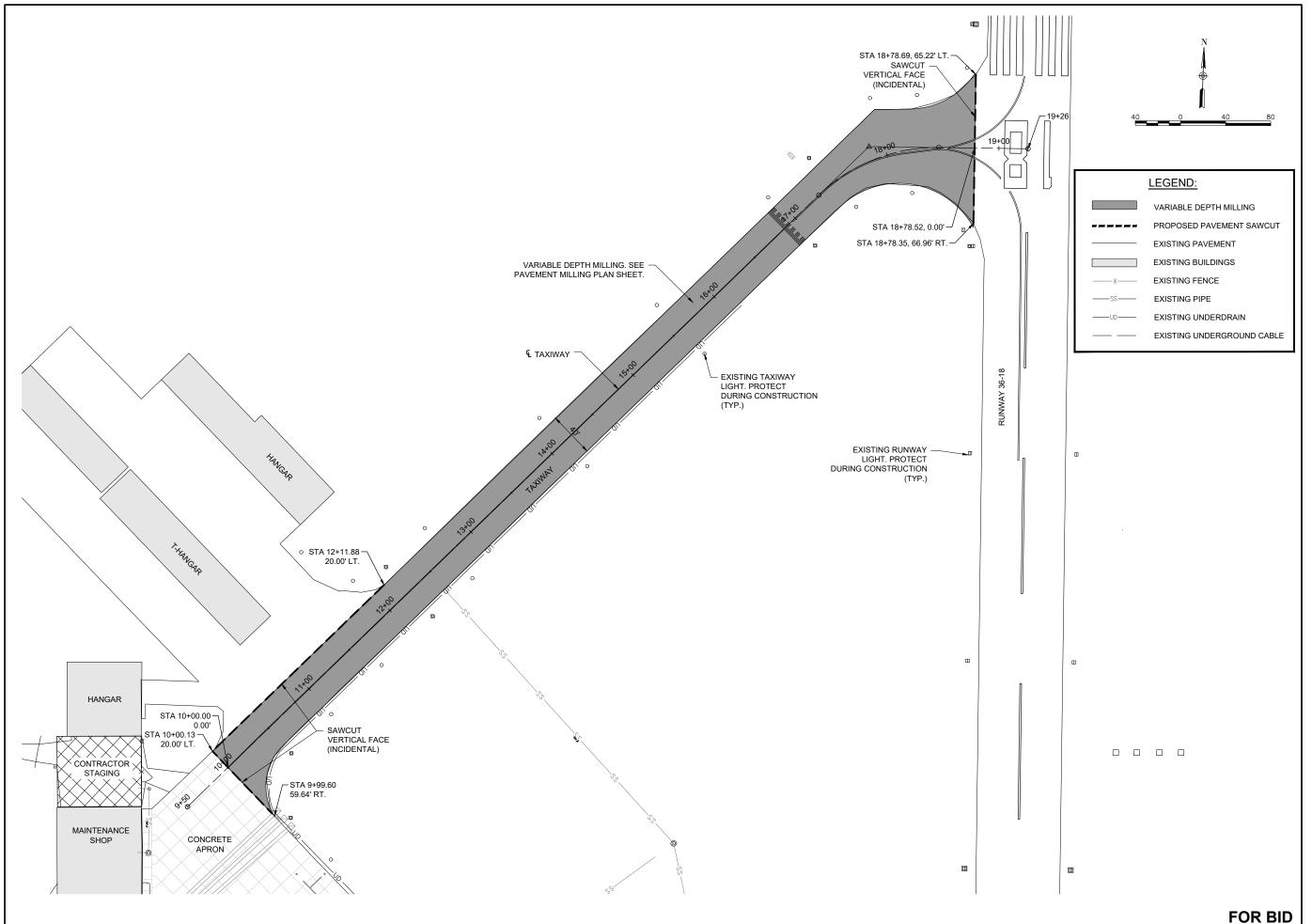
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	ISSUE:	NOVEM	BER 1	9, 202	1
Ì	PROJEC	CT NO: 2	1A007	0	
	CAD FIL	E: C-TYP C	CROSS SE	CT-TWY	.DWG
	DESIGN	BY: DA	W 10/	12/202	1

TYPICAL SECTIONS

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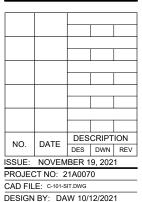
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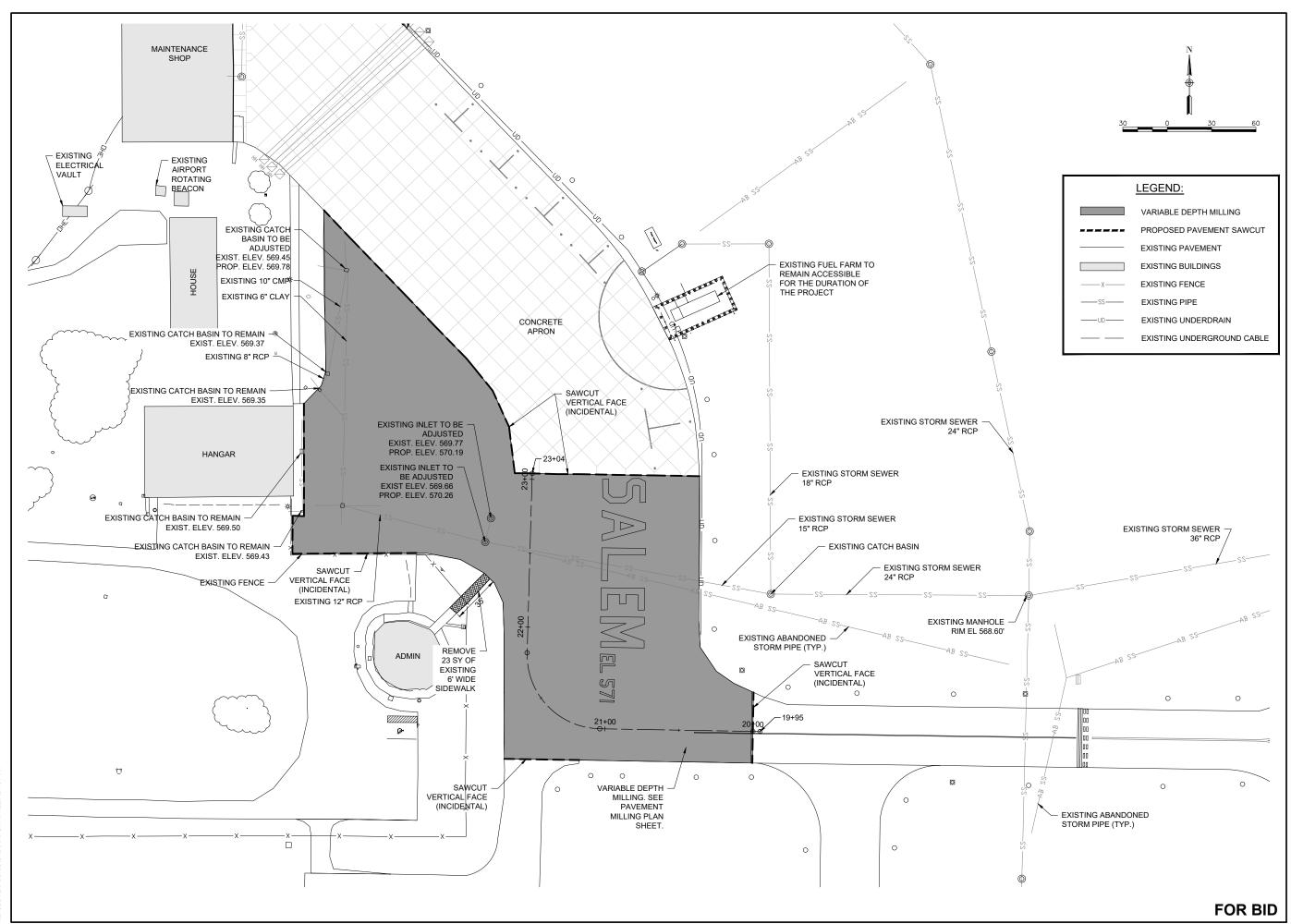


SHEET TITLE

EXISTING SITE AND DEMOLITION PLAN - TAXIWAY

DRAWN BY: MGL 10/12/2021

REVIEWED BY: BSS 10/12/2021



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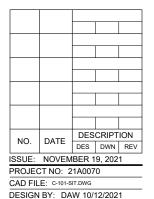
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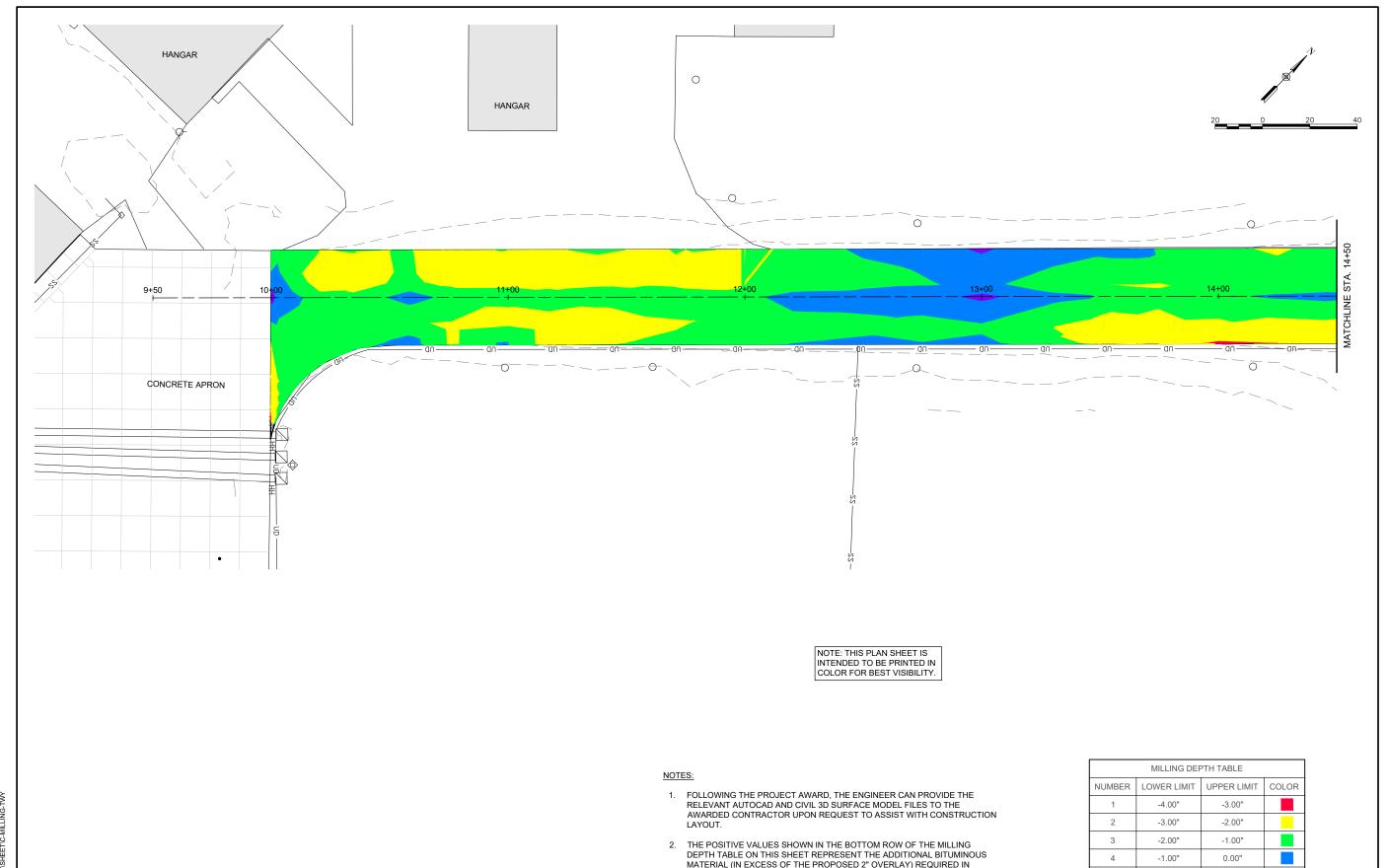


SHEET TITLE

EXISTING SITE AND DEMOLTION PLAN - APRON

10

DRAWN BY: MGL 10/12/2021 REVIEWED BY: BSS 10/12/2021



ORDER TO OBTAIN THE PROPOSED FINISHED PAVEMENT GRADES PER THE

PLANS. ADDITIONAL BITUMINOUS MATERIAL PLACED TO ACCOMMODATE

THESE GRADES SHALL BE PAID FOR UNDER ITEM AR401613.

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NO.	DATE	DES	CRIPT	ION
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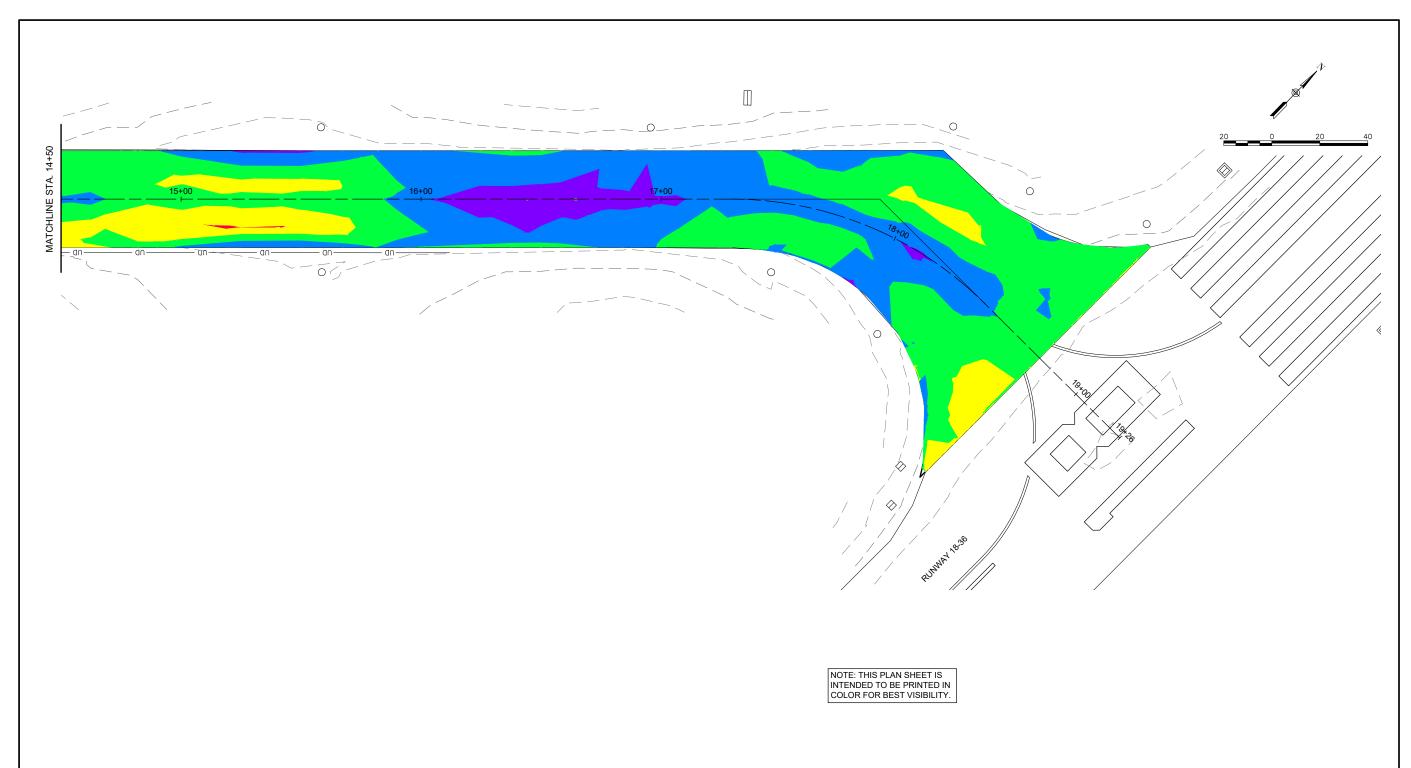
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DESIGN BY: DPD 10/12/2021
DRAWN BY: DPD 10/12/2021
REVIEWED BY: JRH 10/29/2021

SHEET TITLE

PROPOSED TAXIWAY MILLING PLAN STA. 9+50 TO STA. 14+50

0.00"

1.00"



NOTES:

- FOLLOWING THE PROJECT AWARD, THE ENGINEER CAN PROVIDE THE
 RELEVANT AUTOCAD AND CIVIL 3D SURFACE MODEL FILES TO THE
 AWARDED CONTRACTOR UPON REQUEST TO ASSIST WITH CONSTRUCTION
 LAYOUT.
- 2. THE POSITIVE VALUES SHOWN IN THE BOTTOM ROW OF THE MILLING DEPTH TABLE ON THIS SHEET REPRESENT THE ADDITIONAL BITUMINOUS MATERIAL (IN EXCESS OF THE PROPOSED 2" OVERLAY) REQUIRED IN ORDER TO OBTAIN THE PROPOSED FINISHED PAVEMENT GRADES PER THE PLANS. ADDITIONAL BITUMINOUS MATERIAL PLACED TO ACCOMMODATE THESE GRADES SHALL BE PAID FOR UNDER ITEM AR401613.

MILLING DEPTH TABLE						
NUMBER	LOWER LIMIT	UPPER LIMIT	COLOR			
1	-4.00"	-3.00"				
2	-3.00"	-2.00"				
3	-2.00"	-1.00"				
4	-1.00"	0.00"				
5	0.00"	1.00"				

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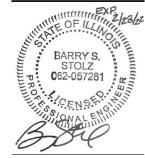
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Contract No. SA035

NO.	DATE	DES	CRIPT	ION
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ISSUE: NOVEMBER 19, 2021				

ISSUE: NOVEMBER 19, 20 PROJECT NO: 21A0070

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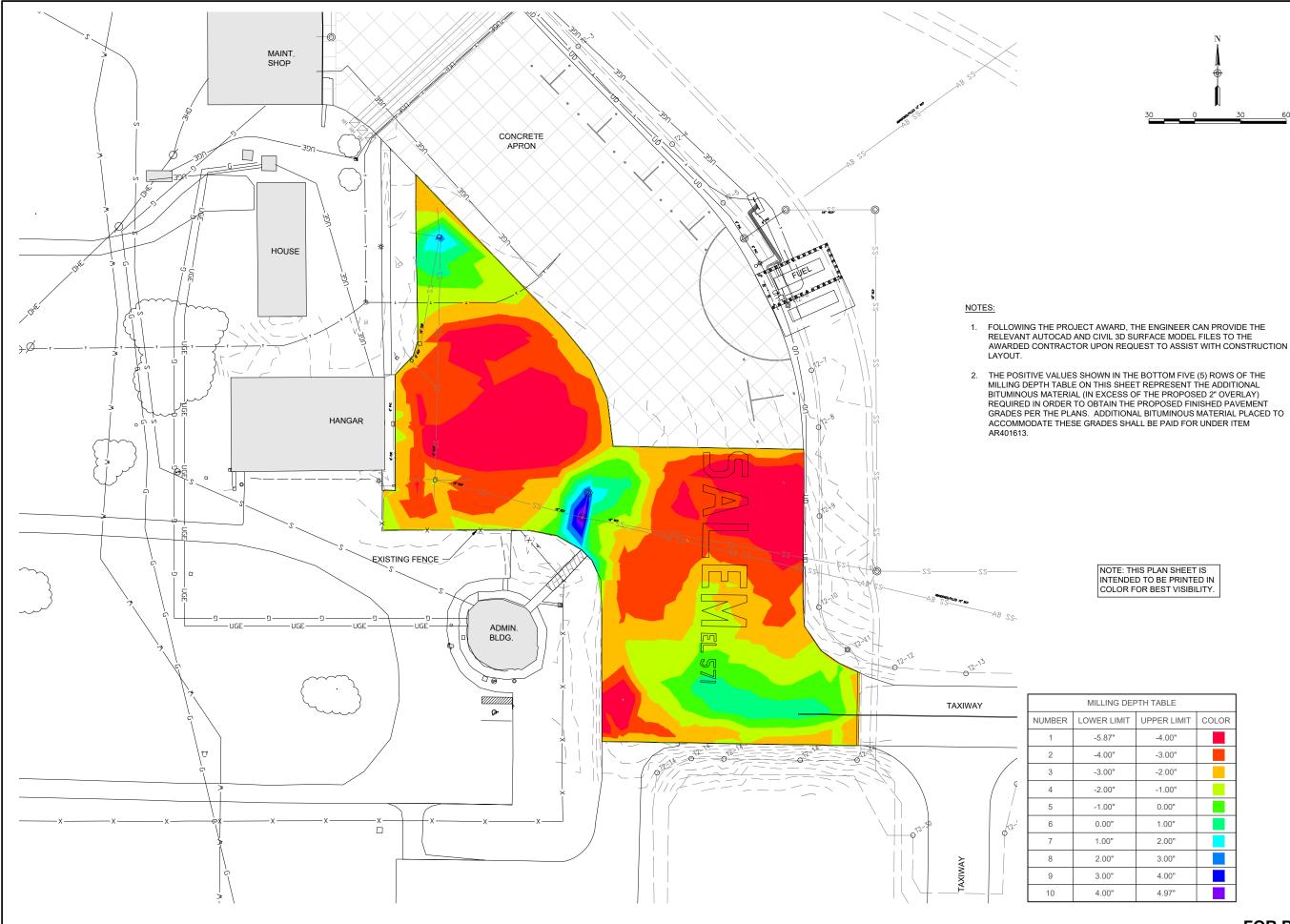
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DRAWN BY: DPD 10/12/2021

REVIEWED BY: JRH 10/29/2021

SHEET TITLE

PROPOSED TAXIWAY MILLING PLAN STA. 14+50 TO STA. 19+25.83



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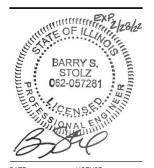
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Contract No. SA035

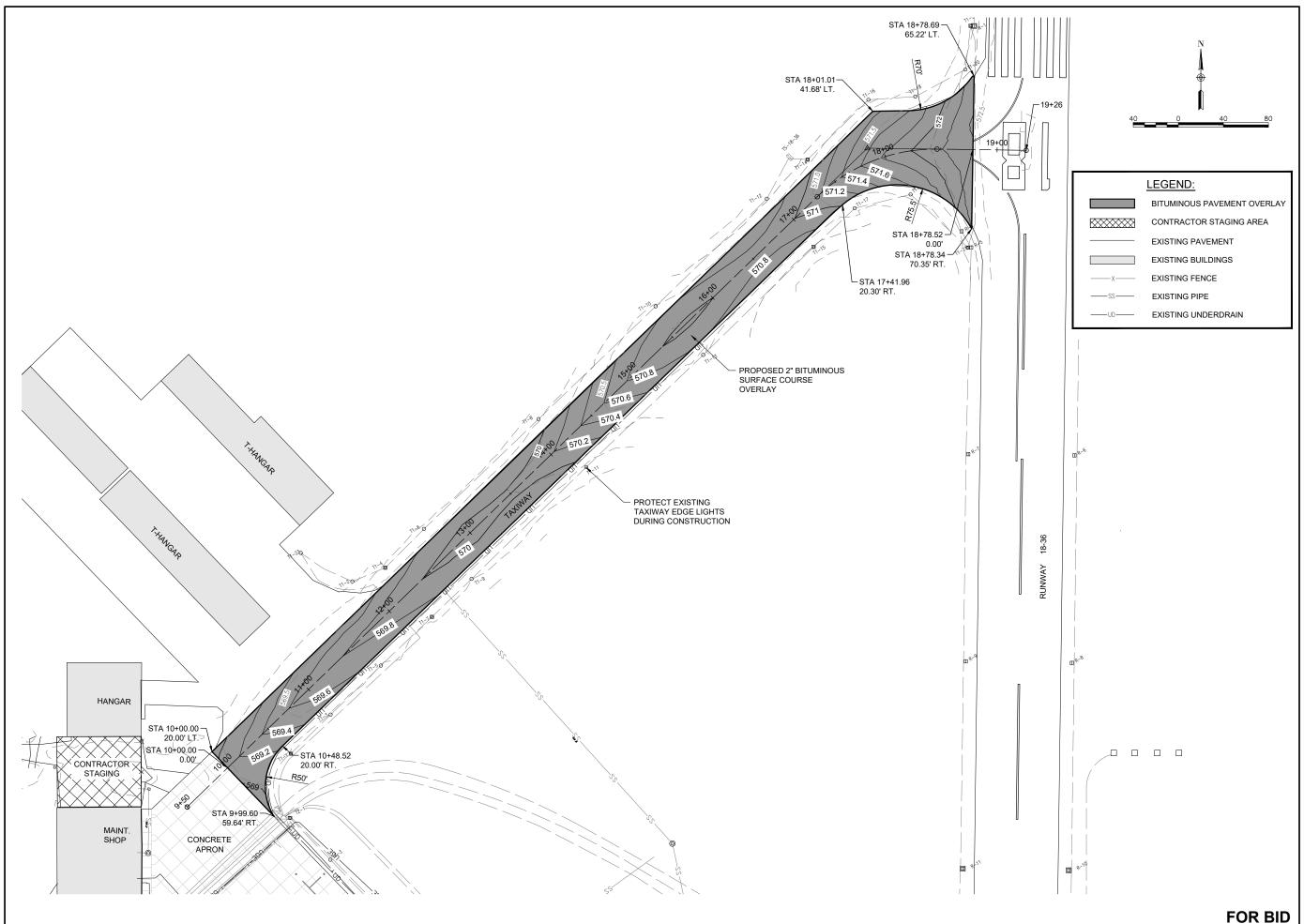
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ISSUE:	ISSUE: NOVEMBER 19, 2021					
PROJECT NO: 21A0070						
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DESIGN BY: DPD 10/12/2021						

REVIEWED BY: JRH 10/29/2021

SHEET TITLE

DRAWN BY: DPD 10/12/2021

PROPOSED APRON MILLING PLAN



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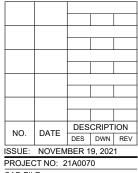
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REHABILITATE A PORTION OF MAIN BITUMINOUS AIRCRAFT PARKING RAMP AND **BITUMINOUS TAXIWAY**

SBG No: 3-17-SBGP-162/171 IDA No: SLO-4893

Contract No. SA035



PROJECT NO: 21A0070 CAD FILE: C-104-PLAN-TWY.DWG

DESIGN BY: DPD 10/12/2021 DRAWN BY: DPD 10/12/2021 REVIEWED BY: JRH 10/29/2021

SHEET TITLE

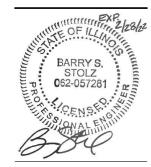
PROPOSED CONSTRUCTION PLAN - TAXIWAY

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Salem-Leckrone Airport

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REHABILITATE A PORTION OF MAIN **BITUMINOUS AIRCRAFT** PARKING RAMP AND **BITUMINOUS TAXIWAY**

SBG No: 3-17-SBGP-162/171 IDA No: SLO-4893

Contract No. SA035

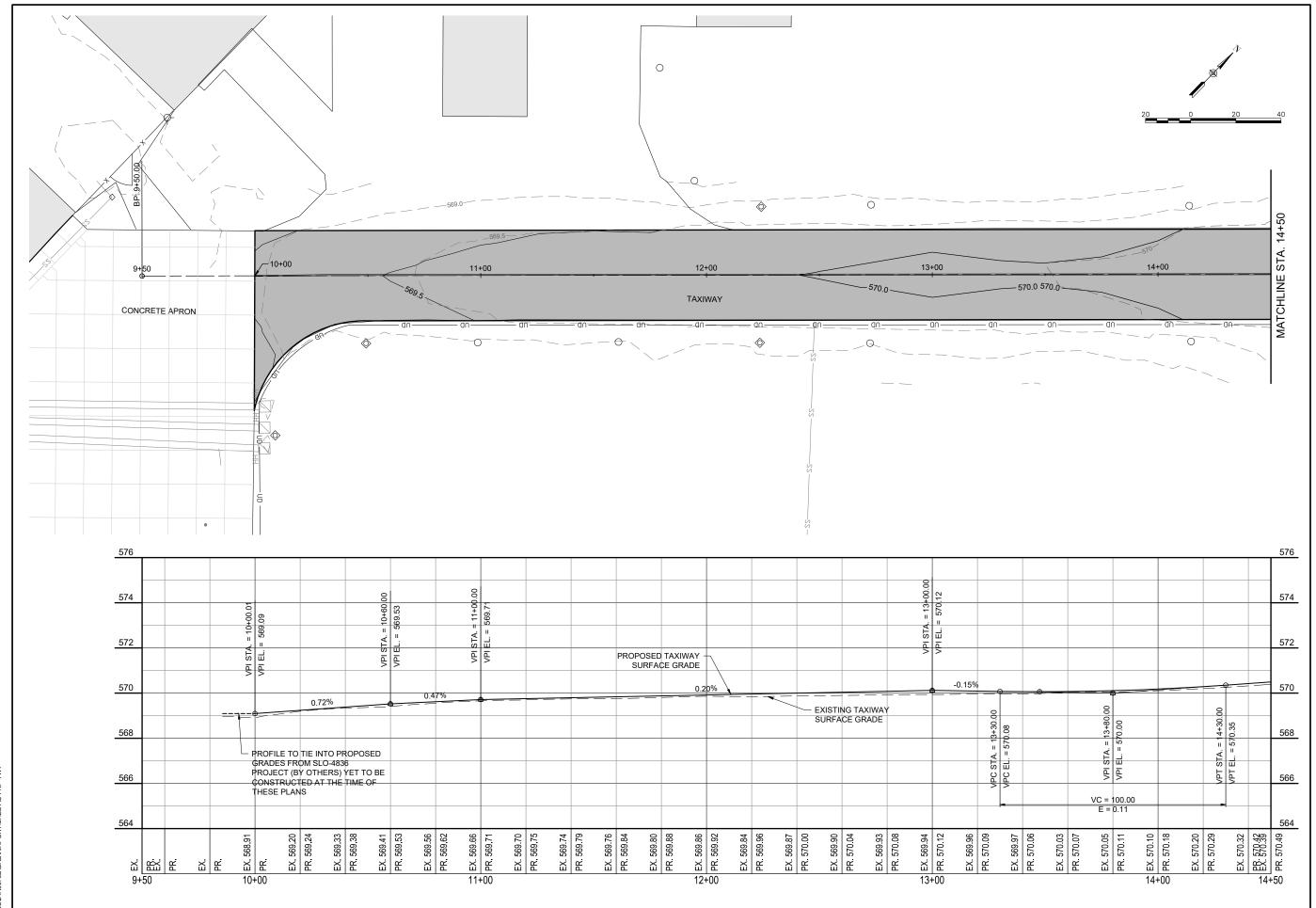


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PROPOSED CONSTRUCTION PLAN - APRON



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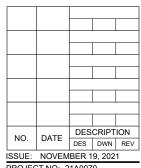
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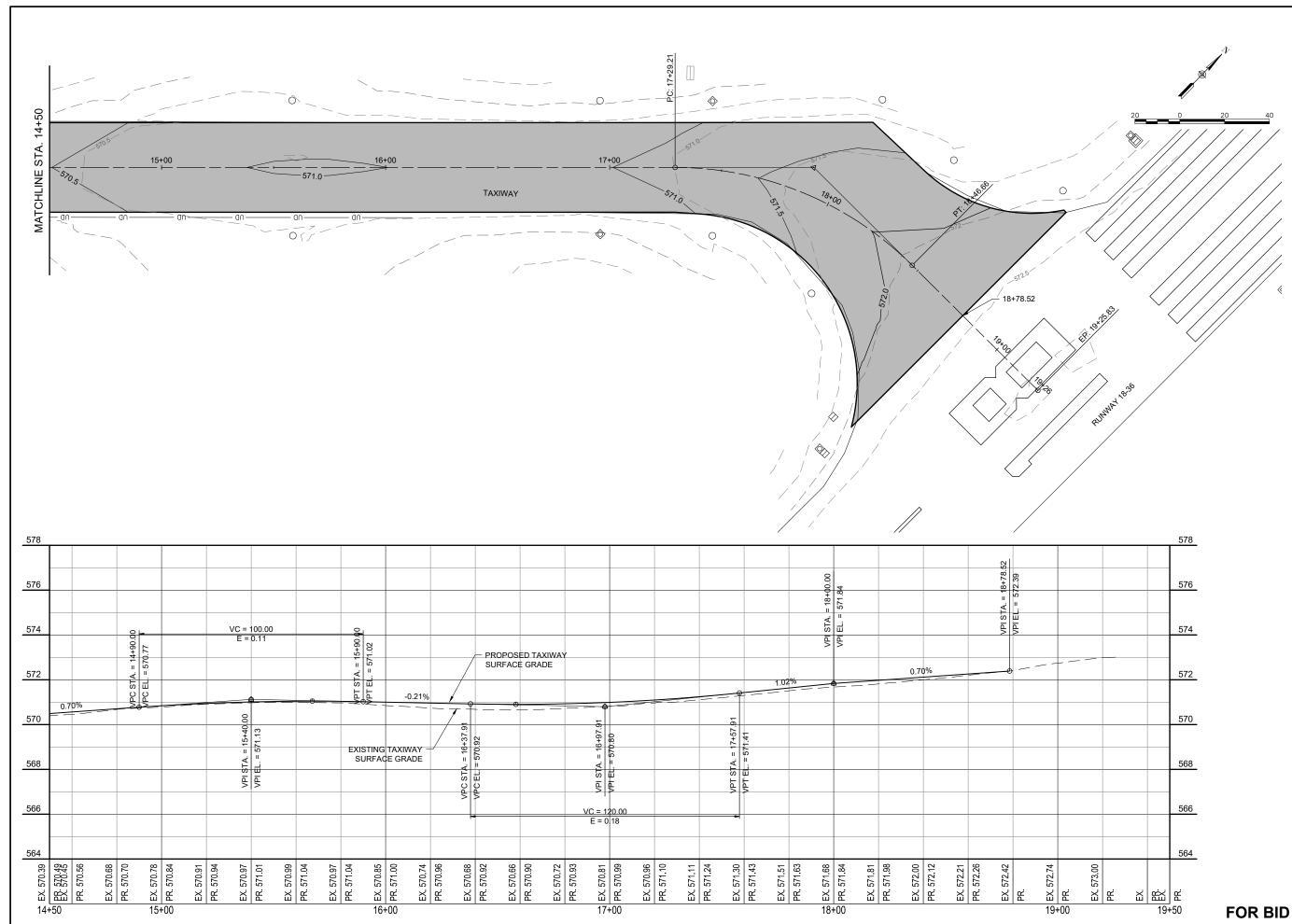
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DESIGN BY: DAW 10/12/2021
DRAWN BY: MGL 10/12/2021
REVIEWED BY: BSS 10/12/2021

SHEET TITLE

TAXIWAY PLAN & PROFILE STA. 9+50 TO STA. 14+50





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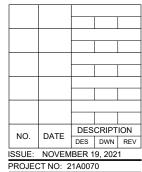
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REHABILITATE A PORTION OF MAIN **BITUMINOUS AIRCRAFT** PARKING RAMP AND **BITUMINOUS TAXIWAY**

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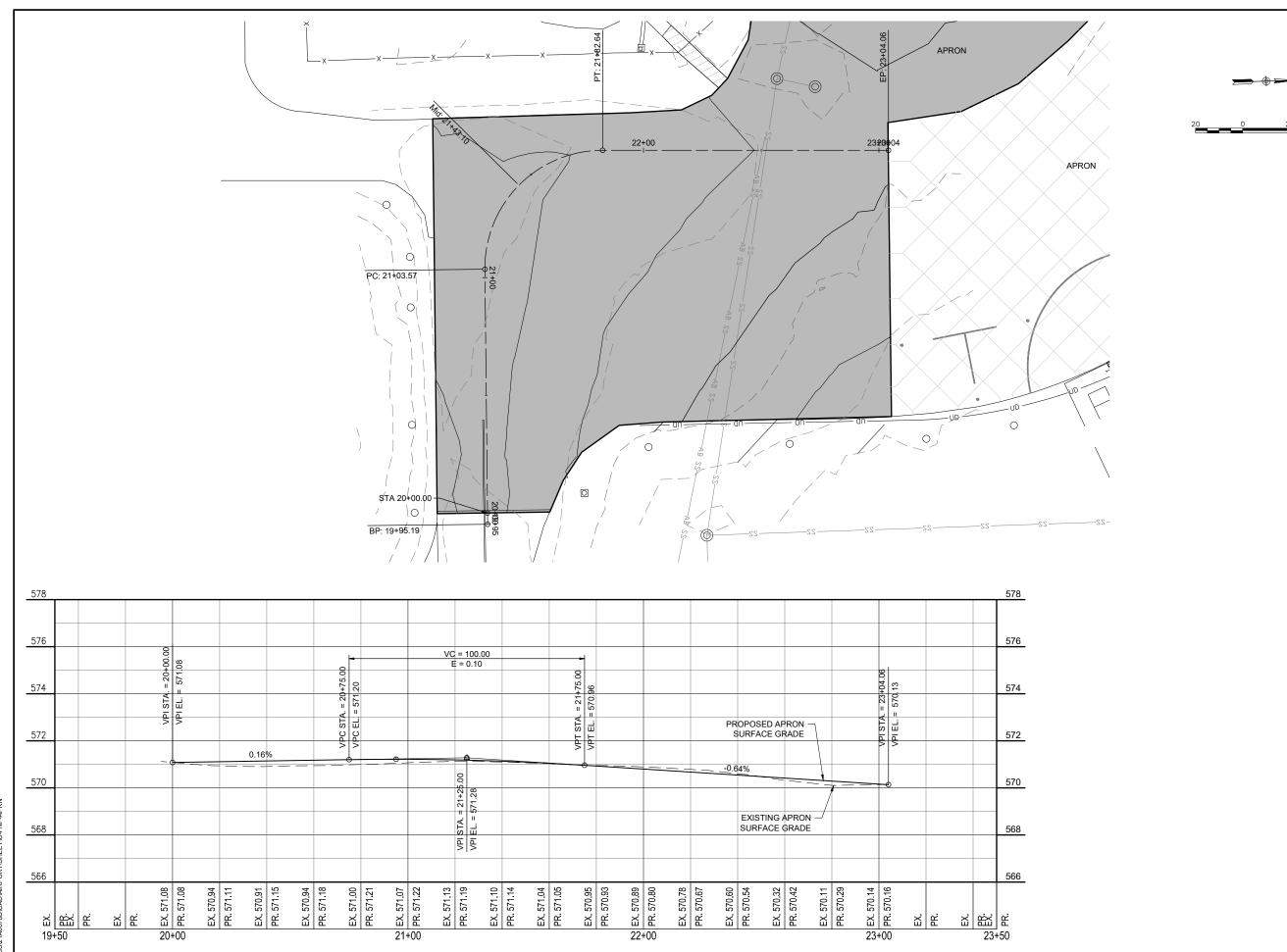


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DESIGN BY: DAW 10/12/2021 DRAWN BY: MGL 10/12/2021 REVIEWED BY: BSS 10/12/2021

SHEET TITLE

TAXIWAY PLAN & PROFILE STA. 14+50 TO STA. 19+25.83





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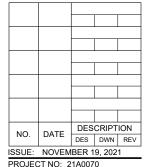
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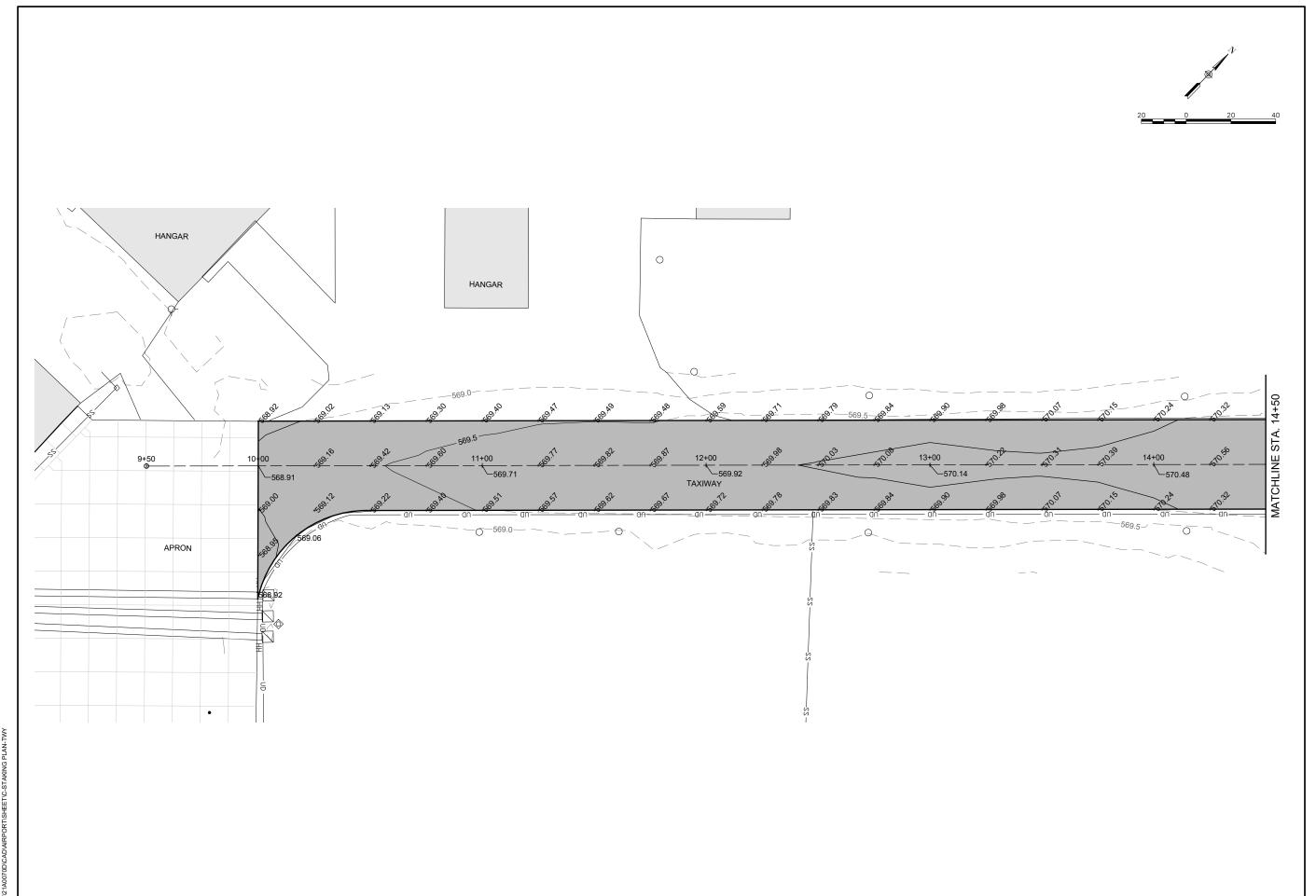
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SHEET TITLE

APRON PLAN & PROFILE



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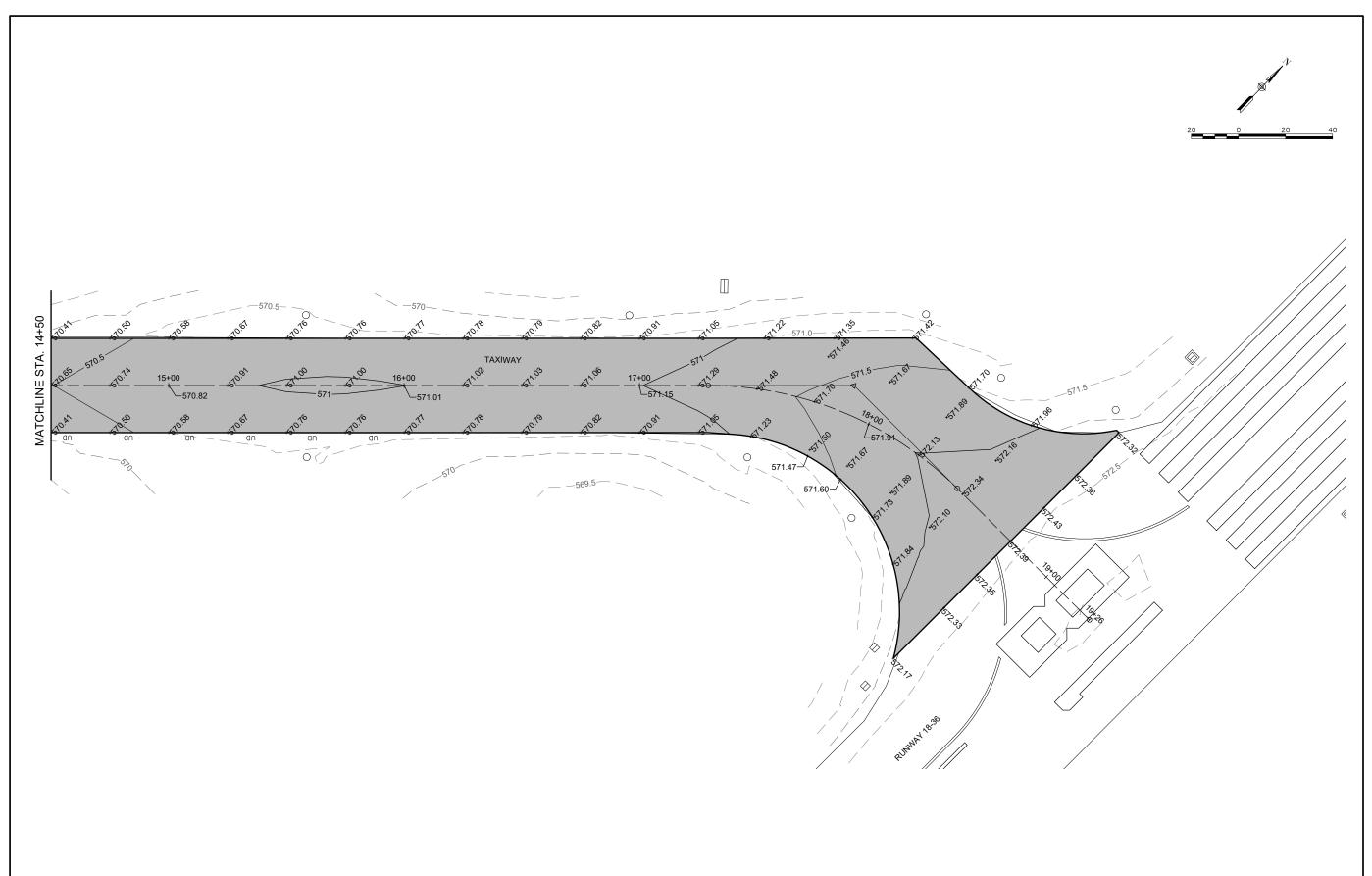
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DESIGN BY: DAW 10/12/2021 DRAWN BY: MGL 10/12/2021 REVIEWED BY: BSS 10/12/2021

SHEET TITLE

PROPOSED STAKING PLAN - TAXIWAY STA. 9+50 TO STA. 14+50



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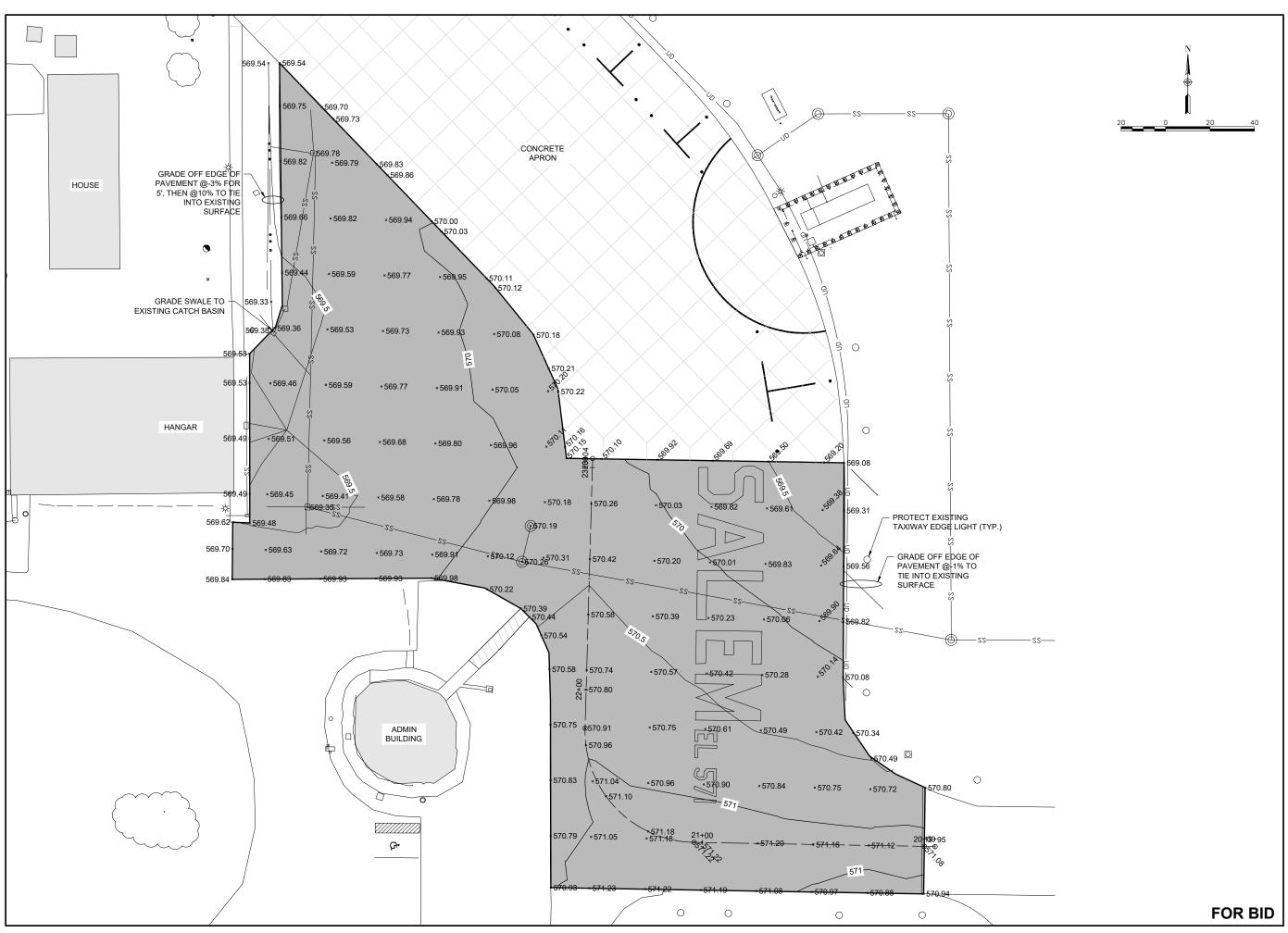
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SHEET TITLE

PROPOSED STAKING PLAN - TAXIWAY STA. 14+50 TO STA. 19+26





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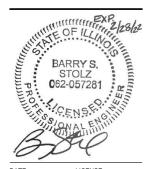
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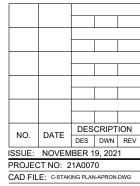
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REHABILITATE A
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BITUMINOUS AIRCRAFT
PARKING RAMP AND
BITUMINOUS TAXIWAY

SBG No: 3-17-SBGP-162/171 IDA No: SLO-4893

Contract No. SA035



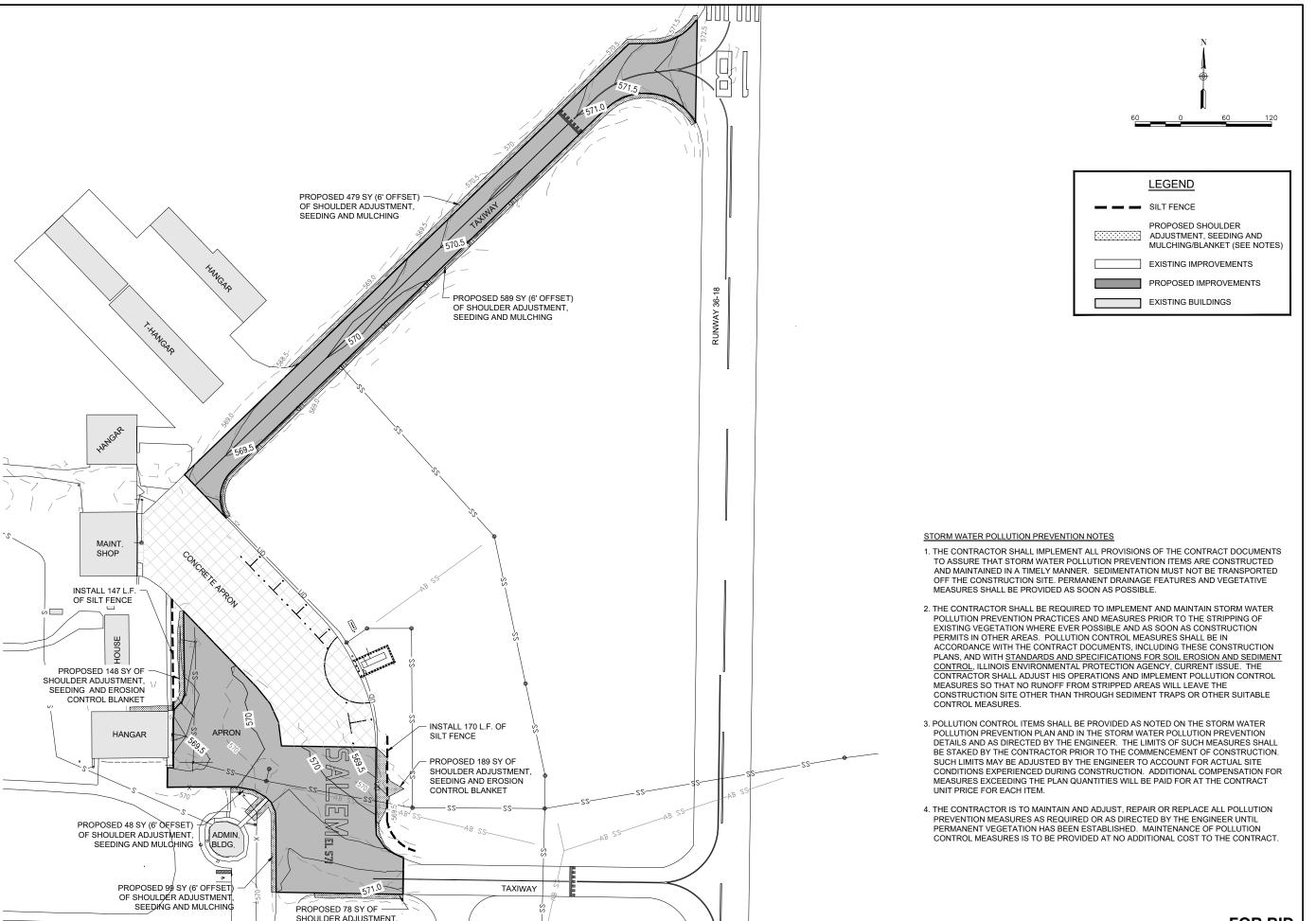
DESIGN BY: DAW 10/22/2021

DRAWN BY: MGL 10/22/2021

REVIEWED BY: BSS 10/22/2021

SHEET TITLE

PROPOSED STAKING PLAN - APRON



SEEDING AND MULCHING

CONTRACTHANSON

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Hanson Professional Services Inc. 1525 S. 6th Street Springfield, IL 62703 phone: 217-788-2450 fax: 217-788-2503

Offices Nationwide www.hanson-inc.com

Illinois Licensed Professional Service Corporation #184-001084

Salem-Leckrone Airport

Salem Airport Authority 1100 Airport Rd. Salem, IL 62881



DATE
SIGNED: 11/19/2021 EXPIRES: 2/28/2022
REHABILITATE A
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SBG No: 3-17-SBGP-162/171 IDA No: SLO-4893

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NO.	DATE	DESCRIPTION				
INO.	DATE	DES	DWN	REV		
ISSUE: NOVEMBER 19, 2021						
PROJECT NO: 21A0070						
CAD FILE: G-004-SWPP.DWG						

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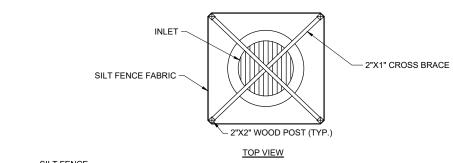
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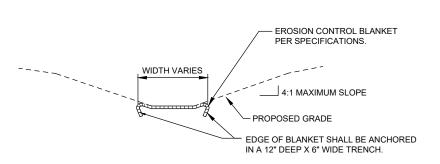
DRAWN BY: DPD 10/12/2021

REVIEWED BY: BSS 10/29/2021

SHEET TITLE

STORMWATER POLLUTION PREVENTION PLAN



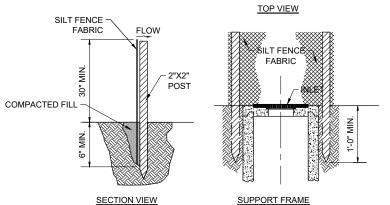


TYPICAL EROSION CONTROL BLANKET

FLOW_

NOT TO SCALE

NOTE: ALL EROSION CONTROL BLANKETS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS BASED ON THE PROPOSED TYPE AND USE.



FABRIC DROP INLET PROTECTION

NOT TO SCALE

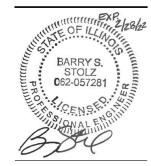
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REHABILITATE A PORTION OF MAIN BITUMINOUS AIRCRAFT PARKING RAMP AND **BITUMINOUS TAXIWAY**

3-17-SBGP-162/171 IDA No: SLO-4893

Contract No. SA035

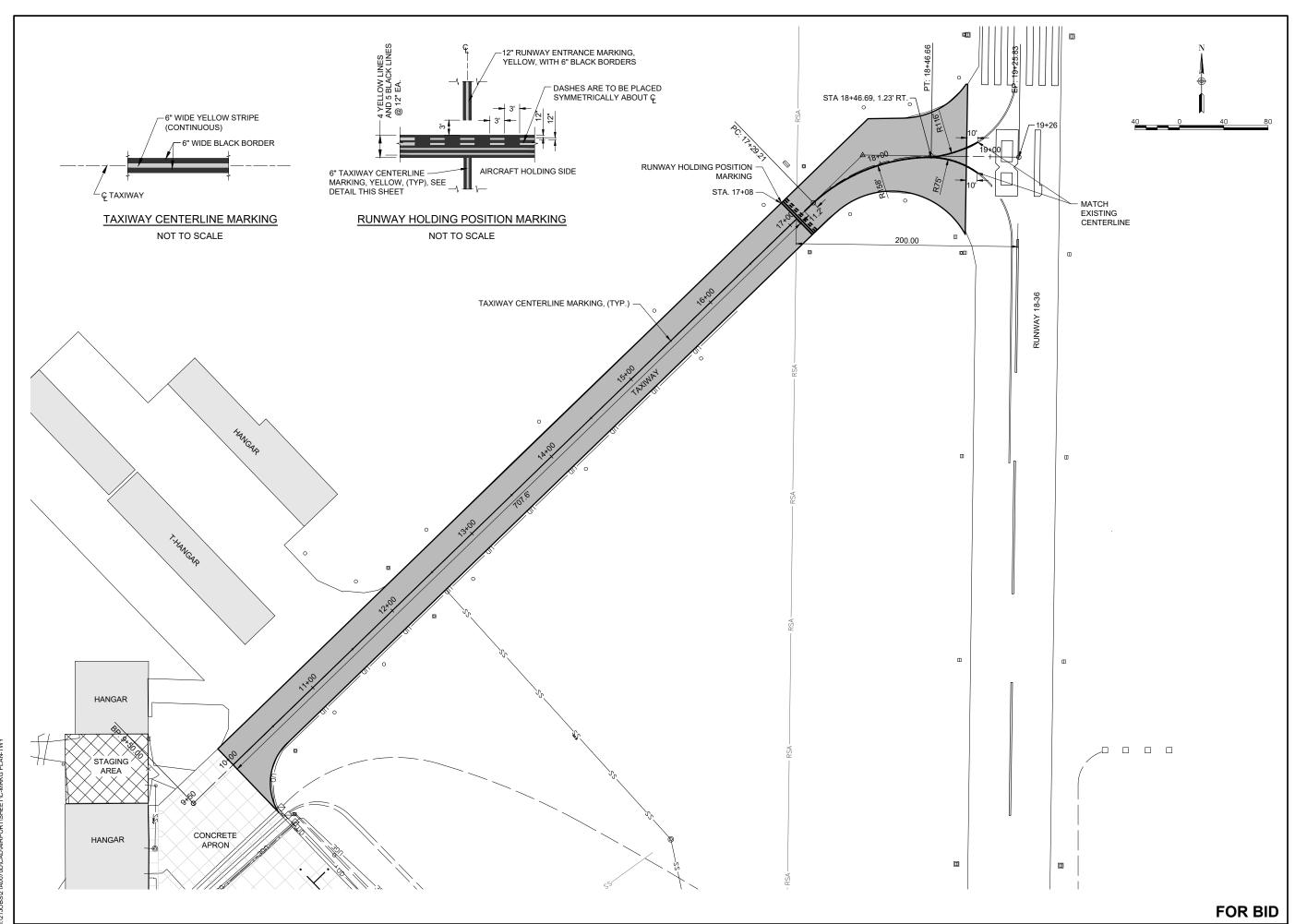
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NO.	DATE	DES	CRIPT	ION
INO.	DATE	DES	DWN	REV
ISSUE: NOVEMBER 19, 2021				
PROJECT NO: 21A0070				

CAD FILE: G-004-SWPP DETAILS.DWG DESIGN BY: JRH 10/12/2021 DRAWN BY: DPD 10/12/2021 REVIEWED BY: BSS 10/29/2021

SHEET TITLE

STORMWATER POLLUTION **PREVENTION DETAILS**



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SBG No: 3-17-SBGP-162/171 IDA No: SLO-4893

Contract No. SA035

NO.	DATE	DESCRIPTION			
NO.	DATE	DES	DWN	REV	
SSUE: NOVEMBER 19, 2021					
PROJECT NO: 21A0070					
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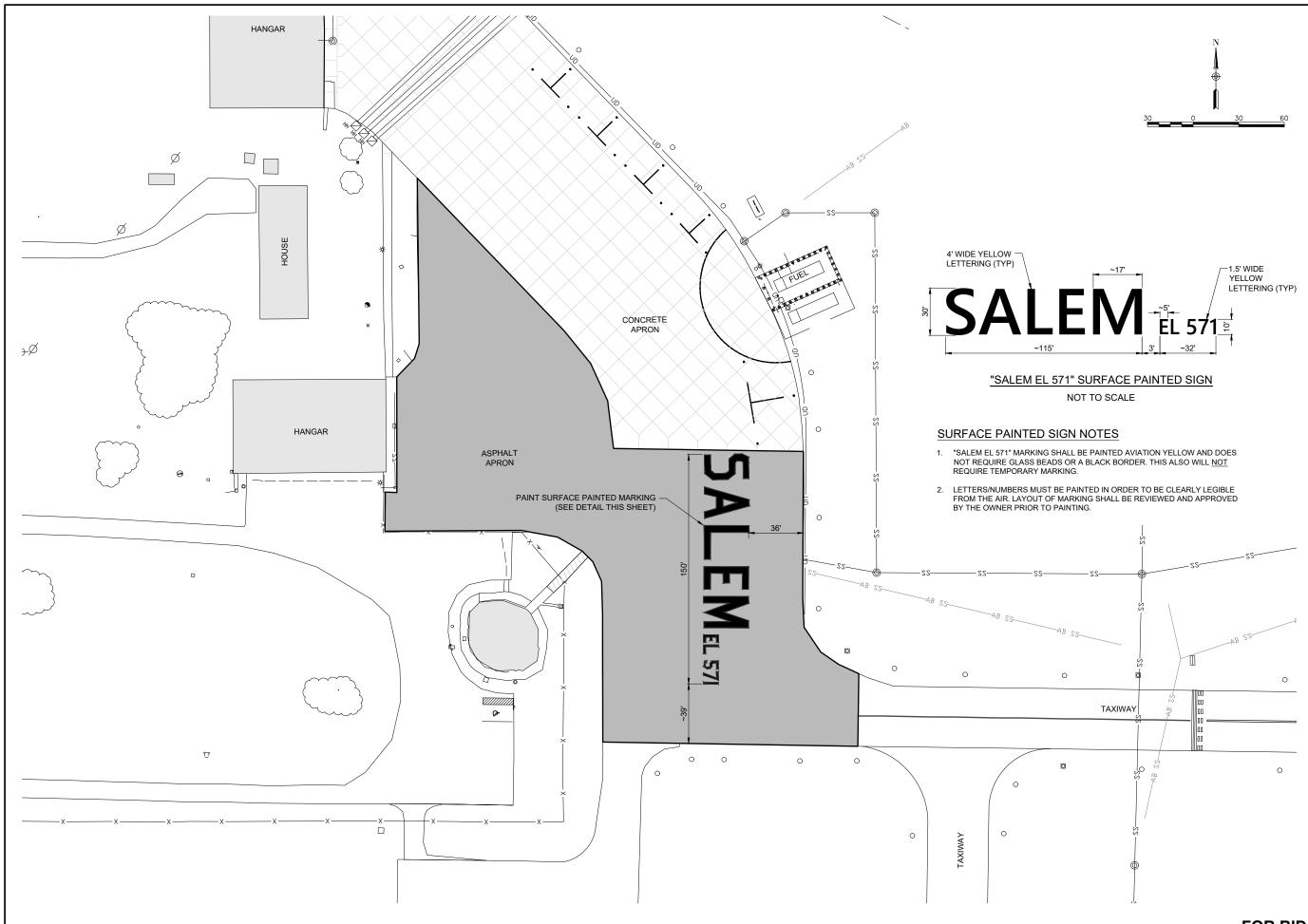
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DESIGN BY: DAW 10/12/2021

DESIGN BY: DAW 10/12/2021
DRAWN BY: MGL 10/12/2021
REVIEWED BY: BSS 10/12/2021

SHEET TITLE

PROPOSED MARKING PLAN - TAXIWAY

24



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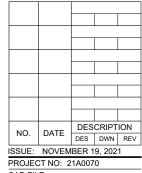
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CAD FILE: C-MRKG PLAN-TWY.DWG

DESIGN BY: DAW 10/12/2021 DRAWN BY: MGL 10/12/2021

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PROPOSED MARKING PLAN - APRON