

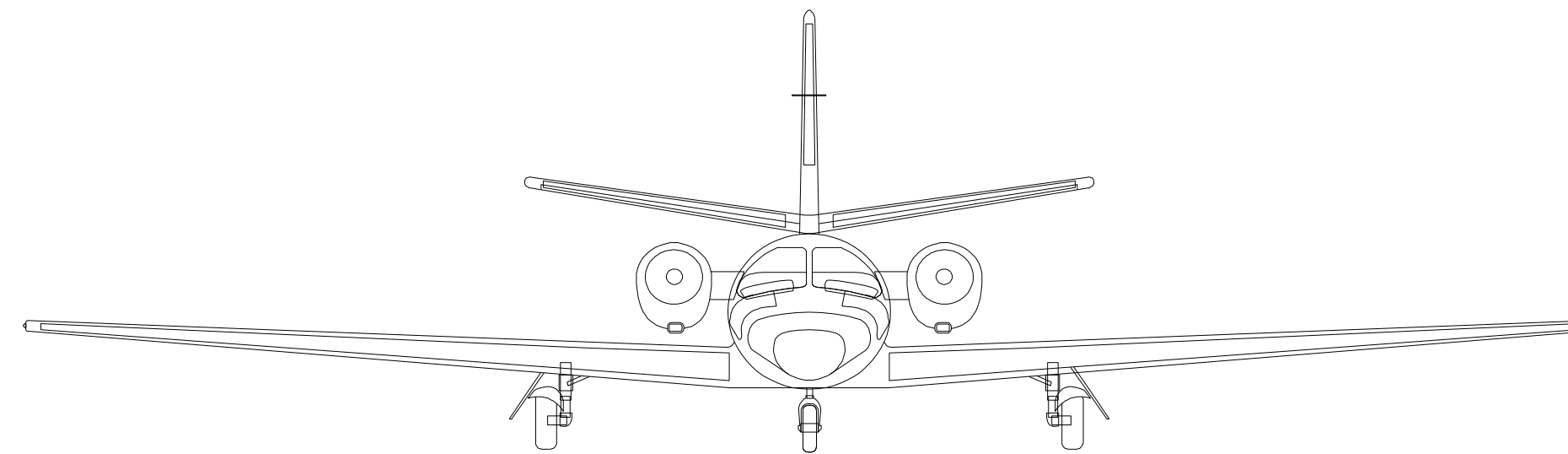
CONSTRUCTION PLANS FOR THE AIRFIELD PAVEMENT AND MARKING MAINTENANCE MIDDLE TENNESSEE AIRPORTS

TENNESSEE DEPARTMENT OF TRANSPORTATION (TDOT)

CLAY BRIGHT, COMMISSIONER
MICHELLE FRAZIER, AERONAUTICS DIRECTOR
JOHN-PAUL SAALWAECHTER, CHIEF ENGINEER

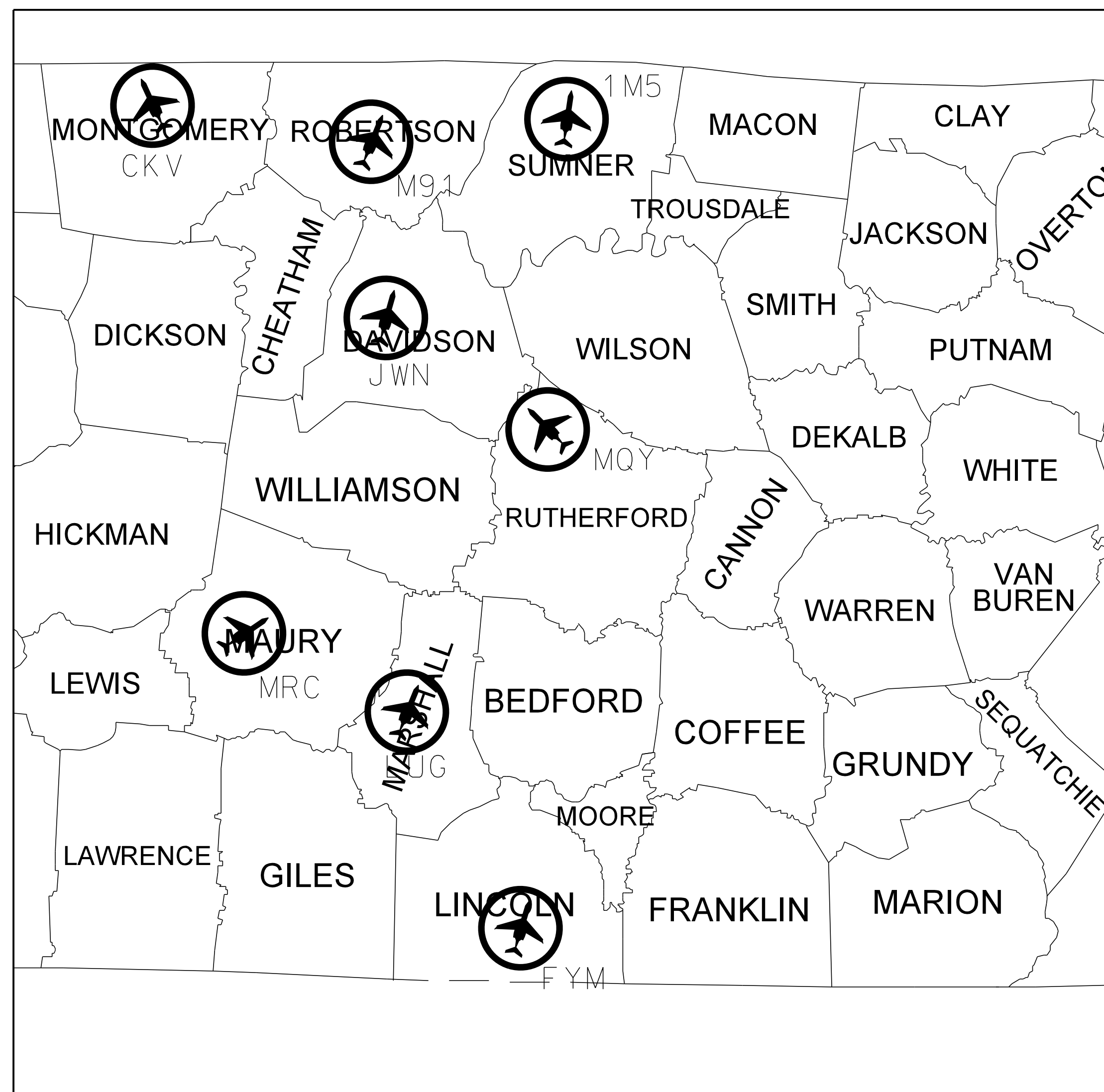
TENNESSEE DEPARTMENT OF TRANSPORTATION (TDOT)

TAD No. 99-555-1287-18



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LOCATION MAP

NOT TO SCALE

ISSUED FOR BID

**CONSTRUCTION PLANS
FOR THE
AIRFIELD PAVEMENT AND MARKING MAINTENANCE
MIDDLE TENNESSEE AIRPORTS**

SCHEDULE OF QUANTITIES - CLARKSVILLE REGIONAL AIRPORT

ITEM	BASE BID	QUANTITY	UNIT
C-100	CONTRACTOR QUALITY CONTROL PROGRAM (CQCP)	1	LS
C-105	MOBILIZATION	1	LS
P-101-5.1	CRACK REPAIR (TYPE I)	5,200	LF
P-101-5.2	CRACK REPAIR (TYPE II)	1,050	LF
P-101-5.3	AIRFIELD PAVEMENT MARKING REMOVAL	765	SF
P-608-8.1	EMULSIFIED ASPHALT SEAL COAT (FOR APRONS & TAXILANES)	12,380	SY
P-620-5.2	TEMPORARY YELLOW PAINT	600	SF
P-620-5.4	YELLOW PAINT WITH REFLECTIVE MEDIA	600	SF
ITEM	BID ALTERNATE No. 1	QUANTITY	UNIT
P-623-6.1	PAVEMENT FRICTION SEALCOAT SURFACE TREATMENT (FOR APRONS & TAXILANES ONLY - P-608 ALTERNATE)	12,380	SY

SCHEDULE OF QUANTITIES - ELLINGTON AIRPORT

ITEM	BASE BID	QUANTITY	UNIT
C-100	CONTRACTOR QUALITY CONTROL PROGRAM (CQCP)	1	LS
C-105	MOBILIZATION	1	LS
P-101-5.1	CRACK REPAIR (TYPE I)	82,206	LF
P-101-5.2	CRACK REPAIR (TYPE II)	1,829	LF
P-101-5.3	AIRFIELD PAVEMENT MARKING REMOVAL	66,851	SF
P-608-8.1	EMULSIFIED ASPHALT SEAL COAT (FOR RUNWAY & TAXIWAY)	85,617	SY
P-608-8.1	EMULSIFIED ASPHALT SEAL COAT (FOR APRONS & TAXILANES)	34,383	SY
P-620-5.1	TEMPORARY WHITE PAINT	32,000	SF
P-620-5.2	TEMPORARY YELLOW PAINT	5,200	SF
P-620-5.3	WHITE PAINT WITH REFLECTIVE MEDIA	32,000	SF
P-620-5.4	YELLOW PAINT WITH REFLECTIVE MEDIA	5,200	SF
P-620-5.5	BLACK PAINT	1,085	SF
ITEM	BID ALTERNATE No. 1	QUANTITY	UNIT
P-623-6.1	PAVEMENT FRICTION SEALCOAT SURFACE TREATMENT (FOR APRONS & TAXILANES ONLY - P-608 ALTERNATE)	34,383	SY

SCHEDULE OF QUANTITIES - FAYETTEVILLE MUNICIPAL AIRPORT

ITEM	BASE BID	QUANTITY	UNIT
C-100	CONTRACTOR QUALITY CONTROL PROGRAM (CQCP)	1	LS
C-105	MOBILIZATION	1	LS
P-101-5.1	CRACK REPAIR (TYPE I)	74,524	LF
P-101-5.3	AIRFIELD PAVEMENT MARKING REMOVAL	71,500	SF
P-605-5.1	JOINT SEALING FILLER	1,220	LF
P-608-8.1	EMULSIFIED ASPHALT SEAL COAT (FOR RUNWAYS & TAXIWAYS)	103,387	SY
P-608-8.1	EMULSIFIED ASPHALT SEAL COAT (FOR APRONS & TAXILANES)	8,813	SY
P-620-5.1	TEMPORARY WHITE PAINT	32,500	SF
P-620-5.2	TEMPORARY YELLOW PAINT	6,000	SF
P-620-5.3	WHITE PAINT WITH REFLECTIVE MEDIA	32,500	SF
P-620-5.4	YELLOW PAINT WITH REFLECTIVE MEDIA	6,000	SF
P-620-5.5	BLACK PAINT	2,475	SF
ITEM	BID ALTERNATE No. 1	QUANTITY	UNIT
P-623-6.1	PAVEMENT FRICTION SEALCOAT SURFACE TREATMENT (FOR APRONS & TAXILANES ONLY - P-608 ALTERNATE)	8,813	SY

SCHEDULE OF QUANTITIES - JOHN C TUNE AIRPORT

ITEM	BASE BID	QUANTITY	UNIT
C-100	CONTRACTOR QUALITY CONTROL PROGRAM (CQCP)	1	LS
C-105	MOBILIZATION	1	LS
P-101-5.1	CRACK REPAIR (TYPE I)	69,510	LF
P-101-5.2	CRACK REPAIR (TYPE II)	9,030	LF
P-101-5.3	AIRFIELD PAVEMENT MARKING REMOVAL	136,155	SF
P-620-5.1	TEMPORARY WHITE PAINT	80,650	SF
P-620-5.2	TEMPORARY YELLOW PAINT	18,300	SF
P-620-5.3	WHITE PAINT WITH REFLECTIVE MEDIA	80,650	SF
P-620-5.4	YELLOW PAINT WITH REFLECTIVE MEDIA	18,300	SF
P-620-5.5	BLACK PAINT	37,450	SF

SCHEDULE OF QUANTITIES - MAURY COUNTY REGIONAL AIRPORT

ITEM	BASE BID	QUANTITY	UNIT
C-100	CONTRACTOR QUALITY CONTROL PROGRAM (CQCP)	1	LS
C-105	MOBILIZATION	1	LS
P-101-5.1	CRACK REPAIR (TYPE I)	81,827	LF
P-101-5.2	CRACK REPAIR (TYPE II)	10,925	LF
P-101-5.3	AIRFIELD PAVEMENT MARKING REMOVAL	75,815	SF
P-101-5.4	CRACK REPAIR (TYPE III)	75	LF
P-608-8.1	EMULSIFIED ASPHALT SEAL COAT	101,100	SY
P-620-5.1	TEMPORARY WHITE PAINT	32,750	SF
P-620-5.2	TEMPORARY YELLOW PAINT	5,800	SF
P-620-5.3	WHITE PAINT WITH REFLECTIVE MEDIA	32,750	SF
P-620-5.4	YELLOW PAINT WITH REFLECTIVE MEDIA	5,800	SF
P-620-5.5	BLACK PAINT	1,450	SF

SCHEDULE OF QUANTITIES - PORTLAND MUNICIPAL AIRPORT

ITEM	BASE BID	QUANTITY	UNIT
C-100	CONTRACTOR QUALITY CONTROL PROGRAM (CQCP)	1	LS
C-105	MOBILIZATION	1	LS
P-101-5.1	CRACK REPAIR (TYPE I)	13,670	LF
P-101-5.2	CRACK REPAIR (TYPE II)	14,315	LF
P-101-5.3	AIRFIELD PAVEMENT MARKING REMOVAL	2,325	SF
P-608-8.1	EMULSIFIED ASPHALT SEAL COAT	23,725	SY
P-620-5.2	TEMPORARY YELLOW PAINT	2,100	SF
P-620-5.4	YELLOW PAINT WITH REFLECTIVE MEDIA	2,100	SF
P-620-5.5	BLACK PAINT	300	SF
ITEM	BID ALTERNATE No. 1	QUANTITY	UNIT
P-623-6.1	PAVEMENT FRICTION SEALCOAT SURFACE TREATMENT (FOR APRONS & TAXILANES ONLY - P-608 ALTERNATE)	23,725	SY

SCHEDULE OF QUANTITIES - SMYRNA AIRPORT

ITEM	BASE BID	QUANTITY	UNIT
C-100	CONTRACTOR QUALITY CONTROL PROGRAM (CQCP)	1	LS
C-105	MOBILIZATION	1	LS
P-101-5.1	CRACK REPAIR (TYPE I)	323,897	LF
P-101-5.2	CRACK REPAIR (TYPE II)	80,783	LF
P-101-5.3	AIRFIELD PAVEMENT MARKING REMOVAL	159,047	SF
P-605-5.1	JOINT SEALING FILLER	99,920	LF
P-608-8.1	EMULSIFIED ASPHALT SEAL COAT (FOR RUNWAYS & TAXIWAYS)	244,570	SY
P-608-8.1	EMULSIFIED ASPHALT SEAL COAT (FOR APRONS & TAXILANES)	29,050	SY
P-620-5.1	TEMPORARY WHITE PAINT	64,692	SF
P-620-5.2	TEMPORARY YELLOW PAINT	44,615	SF
P-620-5.3	WHITE PAINT WITH REFLECTIVE MEDIA	64,692	SF
P-620-5.4	YELLOW PAINT WITH REFLECTIVE MEDIA	44,615	SF
P-620-5.5	BLACK PAINT	8,840	SF
P-620-5.6	RED PAINT	1,600	SF
ITEM	BASE BID	QUANTITY	UNIT
P-623-6.1	PAVEMENT FRICTION SEALCOAT SURFACE TREATMENT (FOR APRONS & TAXILANES ONLY - P-608 ALTERNATE)	29,050	SY

SCHEDULE OF QUANTITIES - SPRINGFIELD-ROBERTSON COUNTY AIRPORT

ITEM	BASE BID	QUANTITY	UNIT
C-100	CONTRACTOR QUALITY CONTROL PROGRAM (CQCP)	1	LS
C-105	MOBILIZATION	1	LS
P-101-5.1	CRACK REPAIR (TYPE I)	85,205	LF
P-101-5.2	CRACK REPAIR (TYPE II)	41,042	LF
P-101-5.3	AIRFIELD PAVEMENT MARKING REMOVAL	72,053	SF
P-608-8.1	EMULSIFIED ASPHALT SEAL COAT (FOR RUNWAYS & TAXIWAYS)	81,650	SY
P-608-8.1	EMULSIFIED ASPHALT SEAL COAT (FOR APRONS & TAXILANES)	40,600	SY
P-620-5.1	TEMPORARY WHITE PAINT	32,350	SF
P-620-5.2	TEMPORARY YELLOW PAINT	6,150	SF
P-620-5.3	WHITE PAINT WITH REFLECTIVE MEDIA	32,350	SF
P-620-5.4	YELLOW PAINT WITH REFLECTIVE MEDIA	6,150	SF
P-620-5.5	BLACK PAINT	800	SF
ITEM	BID ALTERNATE No. 1	QUANTITY	UNIT
P-623-6.1	PAVEMENT FRICTION SEALCOAT SURFACE TREATMENT (FOR APRONS & TAXILANES ONLY - P-608 ALTERNATE)	40,600	SY

NOTE

- ① MOBILIZATION COSTS SHALL BE LIMITED TO 10 (TEN) PERCENT OF TOTAL CONSTRUCTION COSTS PER FAA AC 150/5370-10H, ITEM C-105, 105-2 MOBILIZATION LIMIT.



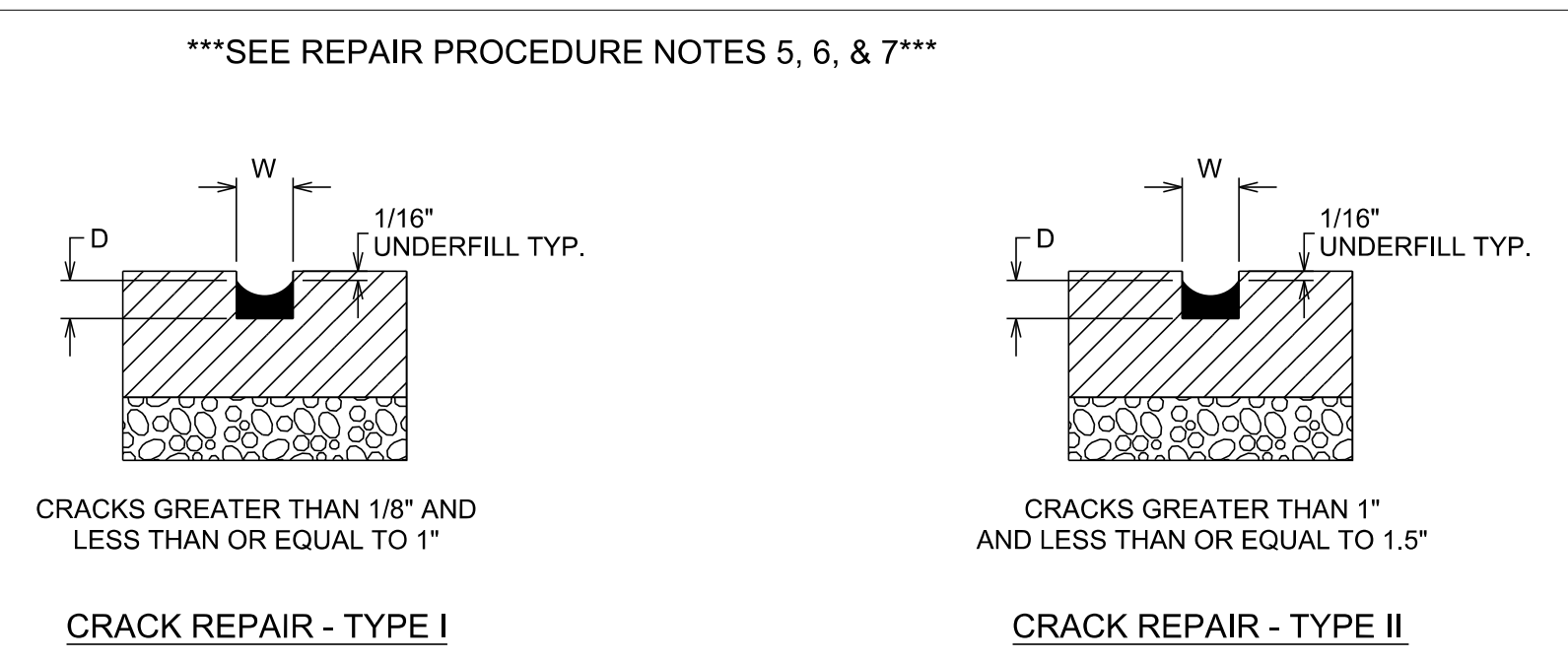
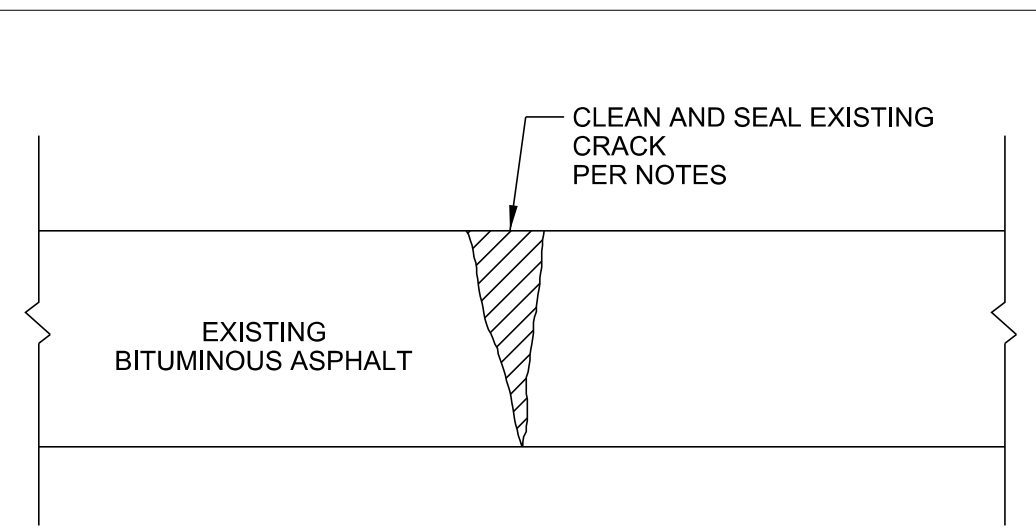
SCHEDULE OF QUANTITIES
AIRFIELD PAVEMENT AND MARKING MAINTENANCE
MIDDLE TENNESSEE AIRPORTS
MIDDLE TENNESSEE

REV.	OR.	CHK.	DATE	DESCRIPTION
1	0	JAC	01/22/2021	ISSUED FOR BID



CIVIL & RUNWAY NUMERAL MARKING DETAILS

**AIRFIELD PAVEMENT AND MARKING MAINTENANCE
MIDDLE TENNESSEE AIRPORTS
MIDDLE TENNESSEE**



WEATHER AND TEMPERATURE REQUIREMENTS

- DO NOT BEGIN CRACK REPAIR DURING INCLEMENT WEATHER.
- THE PAVEMENT TEMPERATURE SHOULD BE 50 DEGREE FAHRENHEIT AND RISING OR MEET THE MANUFACTURER'S RECOMMENDATIONS AT THE TIME OF APPLICATION OF THE CRACK SEALING MATERIAL.
- DO NOT APPLY SEALANT IF MOISTURE IS OBSERVED IN THE CRACK.

PREPARATION

TO CHOOSE SEALANT:

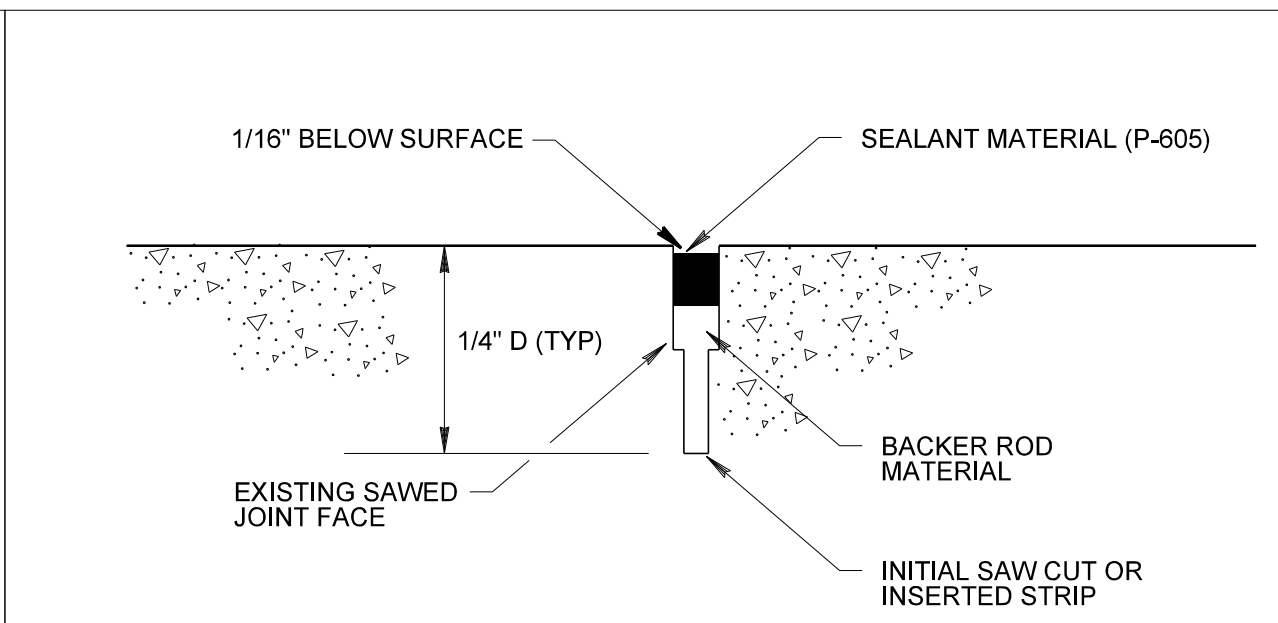
- CONSIDER YOUR GEOGRAPHIC AREA, CLIMATE, AND PAST PERFORMANCE OF THE SEALANT.
- HOT-APPLIED SEALANTS MUST MEET THE REQUIREMENTS OF ASTM D6690.

REPAIR PROCEDURE

- REVIEW THE CONSTRUCTION SAFETY AND PHASING PLAN (CSPP). ENSURE ALL PAVEMENT CLOSURES HAVE ALL REQUIRED ITEMS IN PLACE, SUCH AS LIGHTED Xs, BARRICADES, SIGNS, ETC.; AND ALL NOTAMS HAVE BEEN ISSUED FOR AFFECTED AREAS OF THE AIRFIELD.
- MARK THE LIMITS OF THE CRACK REPAIR.
- USE AN AIR COMPRESSOR WITH AN OPERABLE OIL AND WATER TRAP TO CLEAN ALL CRACKS WITH COMPRESSED HOT AIR. THE CRACKS SHALL BE THOROUGHLY CLEANED AND DRIED OF ORGANIC AND / OR FOREIGN MATERIAL BEFORE BEING FILLED FLUSH WITH THE ASPHALT OR SEALANT. IN THE EVENT THE MATERIAL IS EASILY REMOVED, POST-INSTALLATION, IT WILL BE ASSUMED THE CRACKS WERE NOT PROPERLY CLEANED OF LOOSE MATERIAL PRIOR TO FILL APPLICATION.

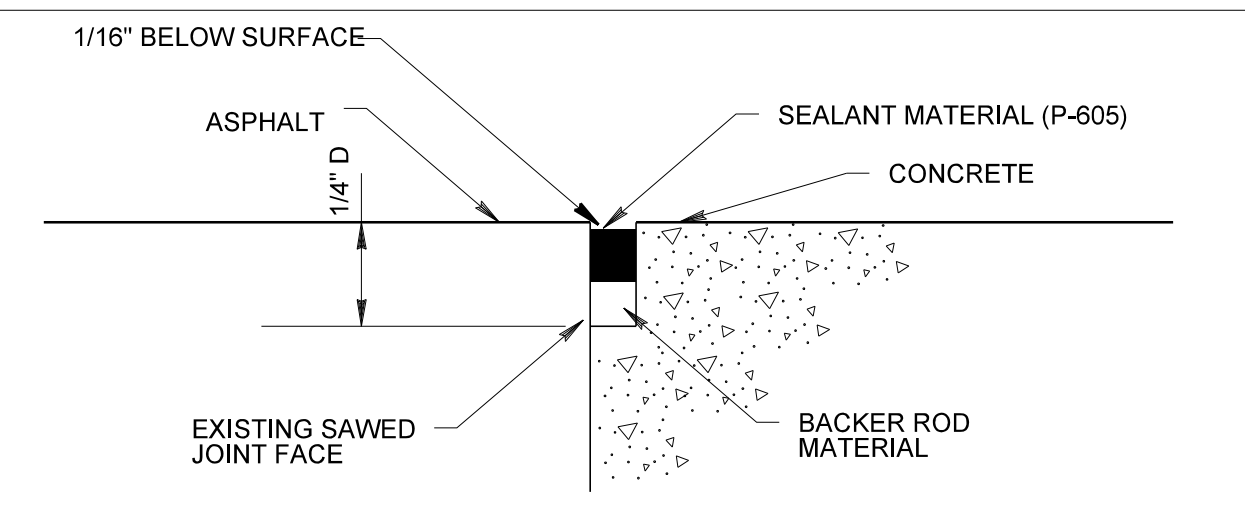
REPAIR PROCEDURE CONTINUED

- PRE - EMERGENT HERBICIDE APPLIED TO THE CRACKS PRIOR TO FILLING SHALL BE GOWAN COMPANY'S BETASAN, DOW AGROSCIENCES TREFLAN, OR APPROVED EQUAL.
- IF NECESSARY, SAW OR ROUT THE CRACKS TO THE REQUIRED WIDTH AND DEPTH. USE THE SEALANT MANUFACTURER'S SPECIFICATIONS TO DETERMINE THE SEALANT RESERVOIR DIMENSIONS (W x D). SAW CUTTING AND ROUTING SHALL BE CONSIDERED INCIDENTAL TO PAY ITEM P-101.
- INSPECT THE CRACKS FOR PROPER WIDTH, DEPTH, ALIGNMENT, AND PREPARATION. MAKE SURE THE CRACK SURFACE FACES ARE DRY.
- TO OBTAIN THE WIDTH AND DEPTH RATIO REQUIRED BY THE SEALANT MANUFACTURER'S SPECIFICATIONS MAY REQUIRE INSTALLATION OF BACKER ROD. THE BACKER ROD SHALL BE CONSIDERED INCIDENTAL TO PAY ITEM P-101.
 - MEETS THE REQUIREMENTS OF ASTM D5249
 - IS COMPATIBLE WITH THE SEALANT
 - IS 25% LARGER IN DIAMETER THAN THE WIDTH OF THE SEALANT RESERVOIR
- SEALANT MATERIAL SHALL BE PLACED WITHIN 24 HOURS OF SAW CUTTING OR ROUTING.
- APPLY THE SEALANT UNIFORMLY FROM THE BOTTOM TO THE TOP OF THE CRACK AVOIDING VOIDS OR ENTRAPPING AIR.
- MAKE SURE THE SURFACE OF THE SEALANT REMAINS 1/4 INCH TO 3/8 INCH BELOW THE EXISTING PAVEMENT SURFACE.
- DO NOT ALLOW TRAFFIC UNTIL THE SEALANTS HAVE CURED.
- COMPLETELY CLEAN THE WORK AREA BEFORE OPENING TO AIRCRAFT TRAFFIC. ANY EXCESS CRACK SEALER ON THE SURFACE OF THE PAVEMENT SHALL ALSO BE REMOVED FROM THE PAVEMENT SURFACE.



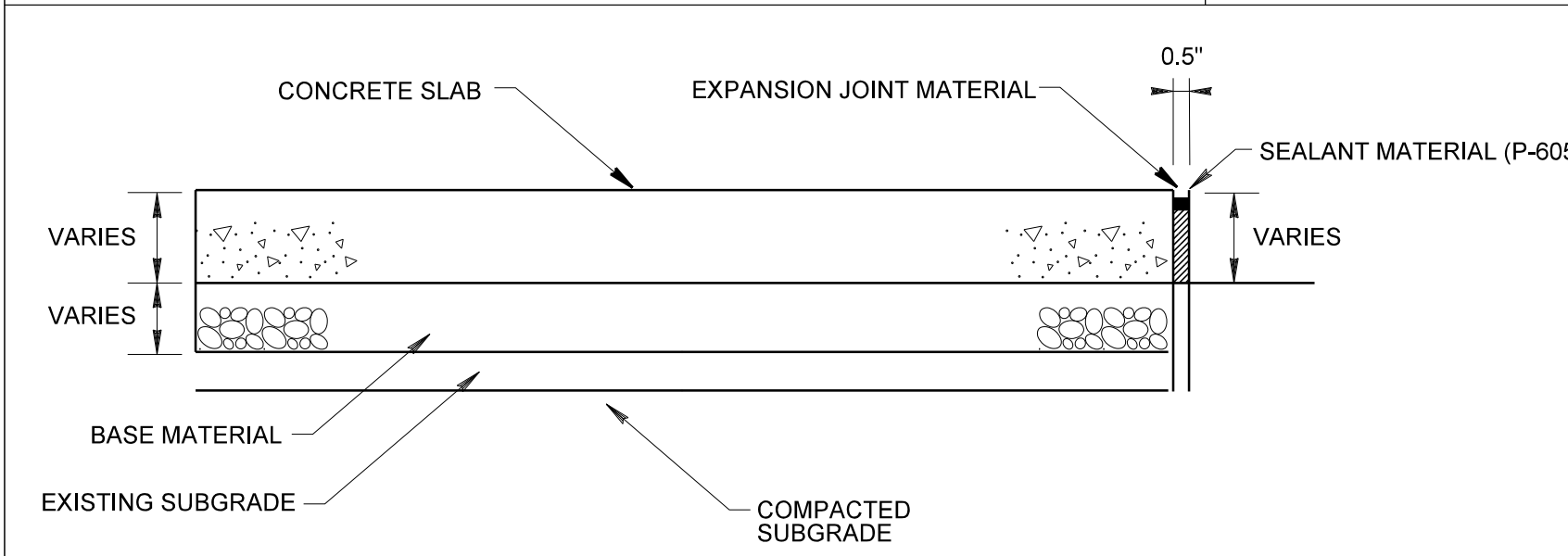
- NOTES:
- SEALANT MATERIAL SHALL BE FUEL RESISTANT. THIS COST IS INCIDENTAL TO ITEM P-605-5.1

2 TYPE E - SAW CUT CONTRACTION JOINTS
SCALE: N.T.S.

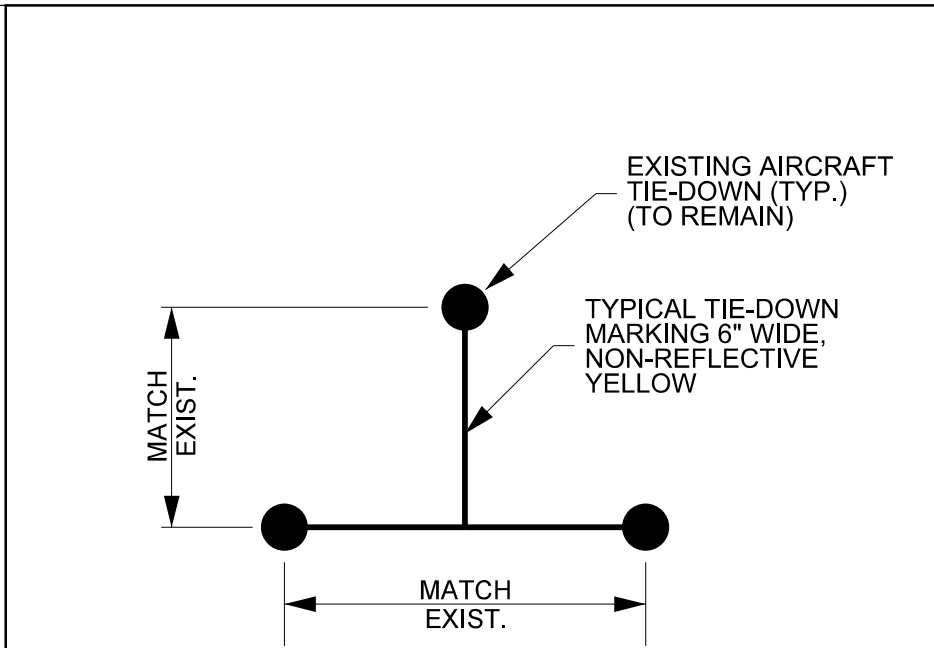


- NOTES:
- SEALANT MATERIAL SHALL BE FUEL RESISTANT. THIS COST IS INCIDENTAL TO ITEM P-605-5.1.

3 CONCRETE - ASPHALT JOINT
SCALE: N.T.S.

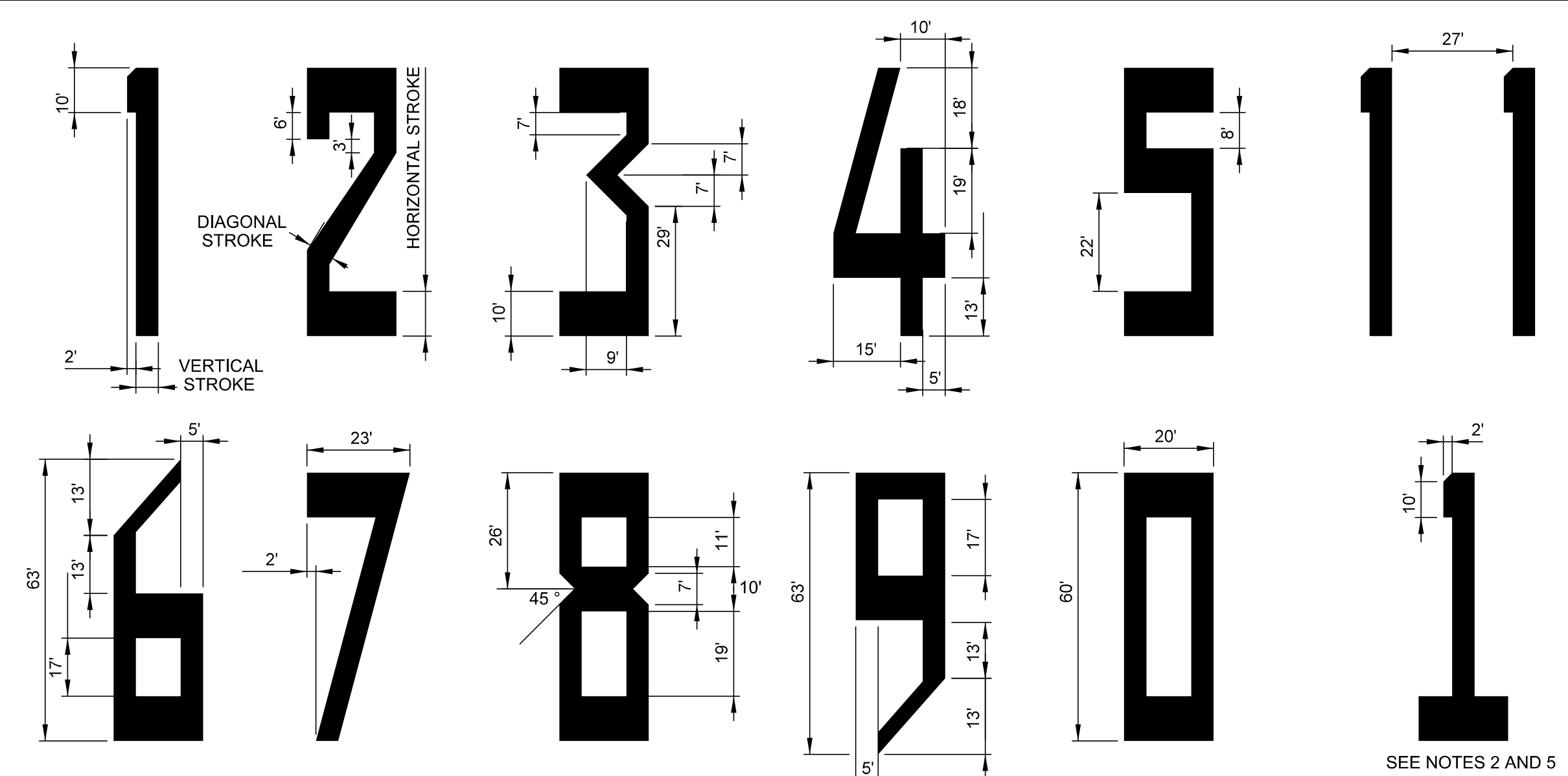


4 TYPE B - EXPANSION JOINT
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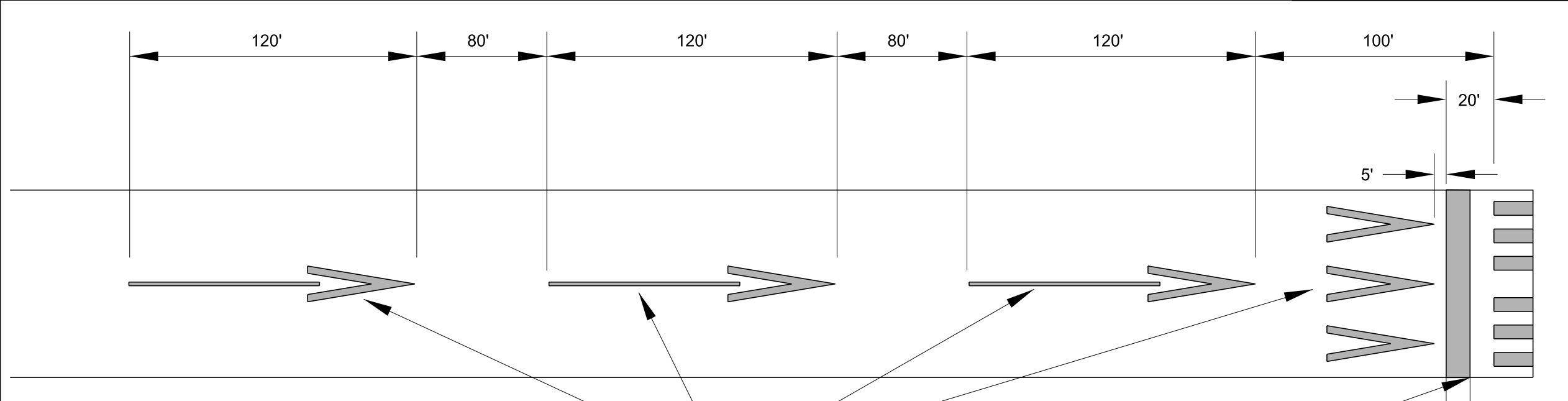
5 APRON TIE-DOWN LAYOUT
SCALE: N.T.S.

1 PROCEDURE FOR CRACK REPAIR OF FLEXIBLE PAVEMENT
SCALE: N.T.S.

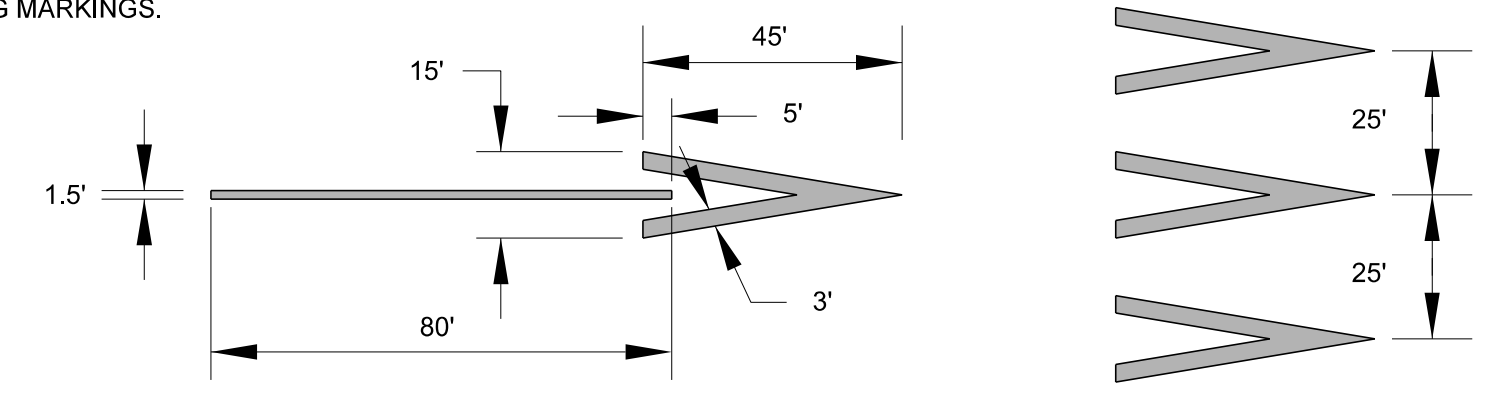


- NOTES:
- DIMENSIONS ARE EXPRESSED IN FEET.
 - ALL CHARACTERS HAVE THESE CHARACTERISTICS (UNLESS OTHERWISE SPECIFIED)
 - 60' HIGH
 - 20' WIDE
 - VERTICAL STROKE OF 5'
 - HORIZONTAL STROKE OF 10'
 - DIAGONAL STROKE OF 5'
 - ALL NUMERALS EXCEPT THE NUMER ELEVEN (11) ARE HORIZONTALLY SPACED 15' APART. THE NUMBER ELEVEN (11) IS SPACED 27' APART HORIZONTALLY.
 - SINGLE DIGITS MUST NOT BE PRECEDED BY ZERO (0).
 - THE NUMERAL "11" (ONE), WHEN USED ALONE, CONTAINS A HORIZONTAL STROKE, AS SHOWN, TO DIFFERENTIATE IT FROM THE RUNWAY CENTERLINE MARKING.
 - SINGLE DESIGNATORS ARE CENTERED ABOUT THE RUNWAY PAVEMENT CENTERLINE. FOR DOUBLE DESIGNATIONS, THE CENTER OF THE OUTER EDGES OF THE TWO NUMERALS IS CENTERED ON THE RUNWAY PAVEMENT CENTERLINE.
 - WHERE THE RUNWAY DESIGNATION CONSISTS OF A NUMBER AND A LETTER, THE NUMBER AND LETTER ARE LOCATED ON THE RUNWAY CENTERLINE IN A STACKED ARRANGEMENT AS SHOWN IN FIGURE A-1 IN FAA AC 150-5340 1M.

6 RUNWAY NUMERAL DETAILS
SCALE: N.T.S.

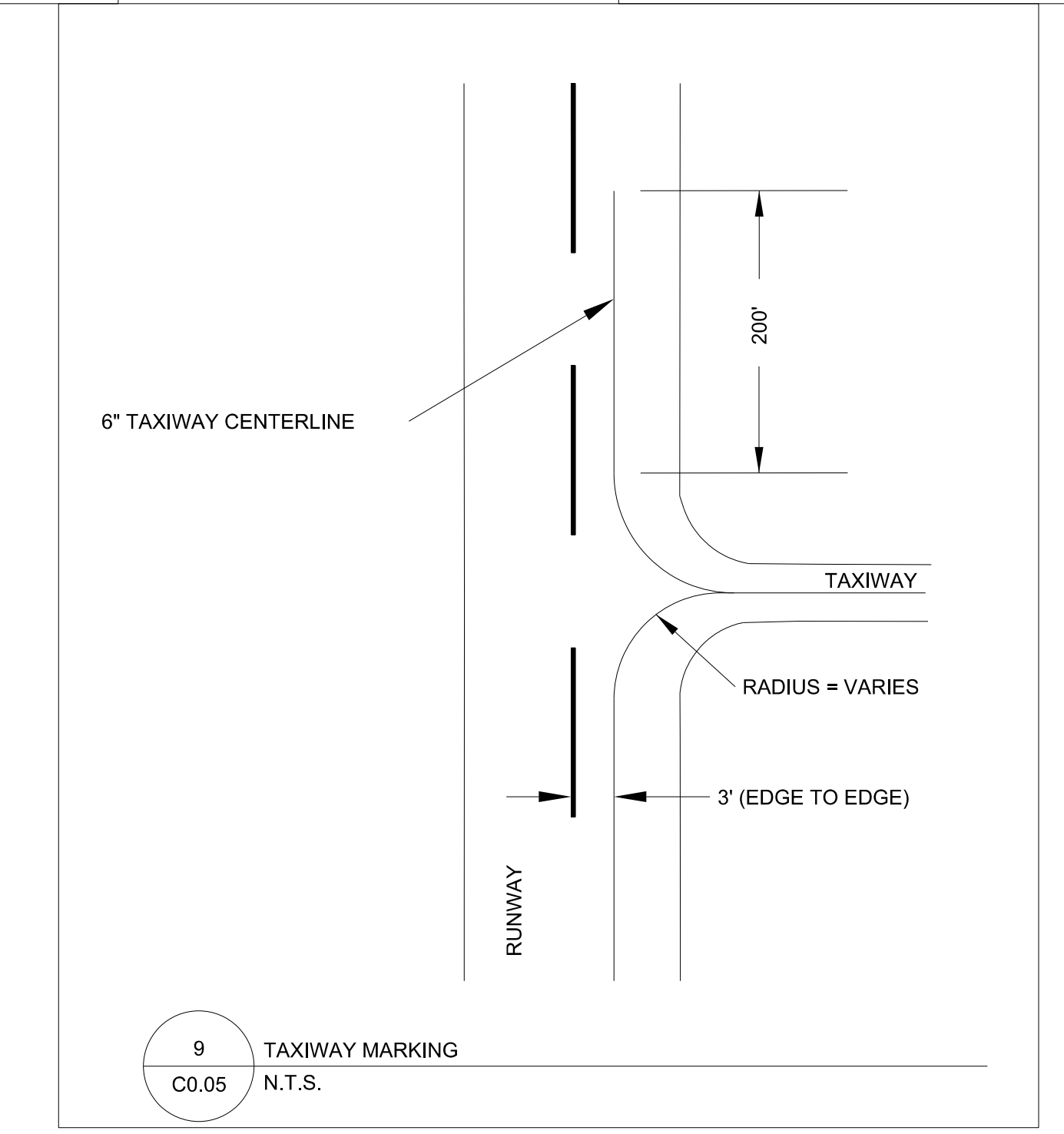
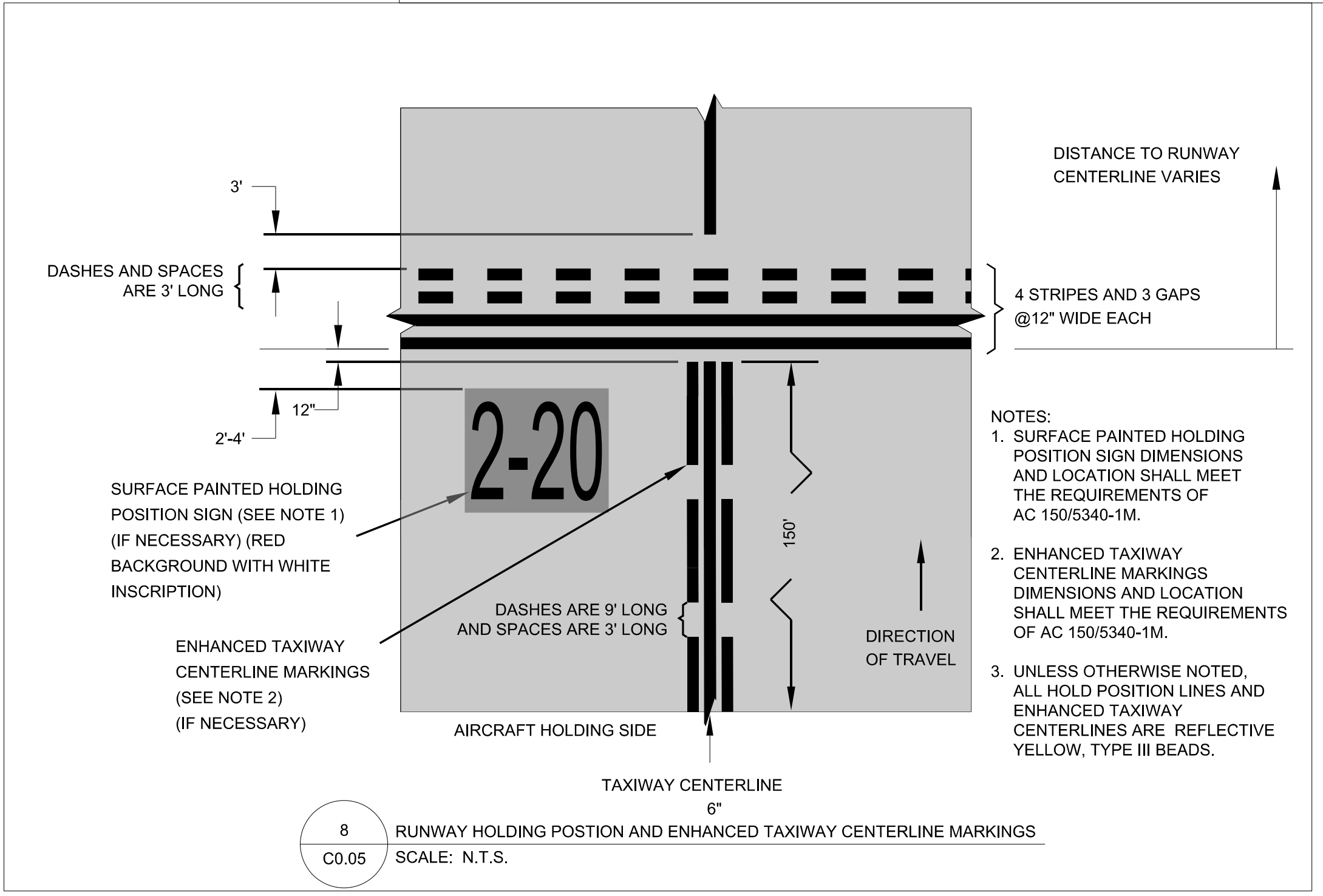
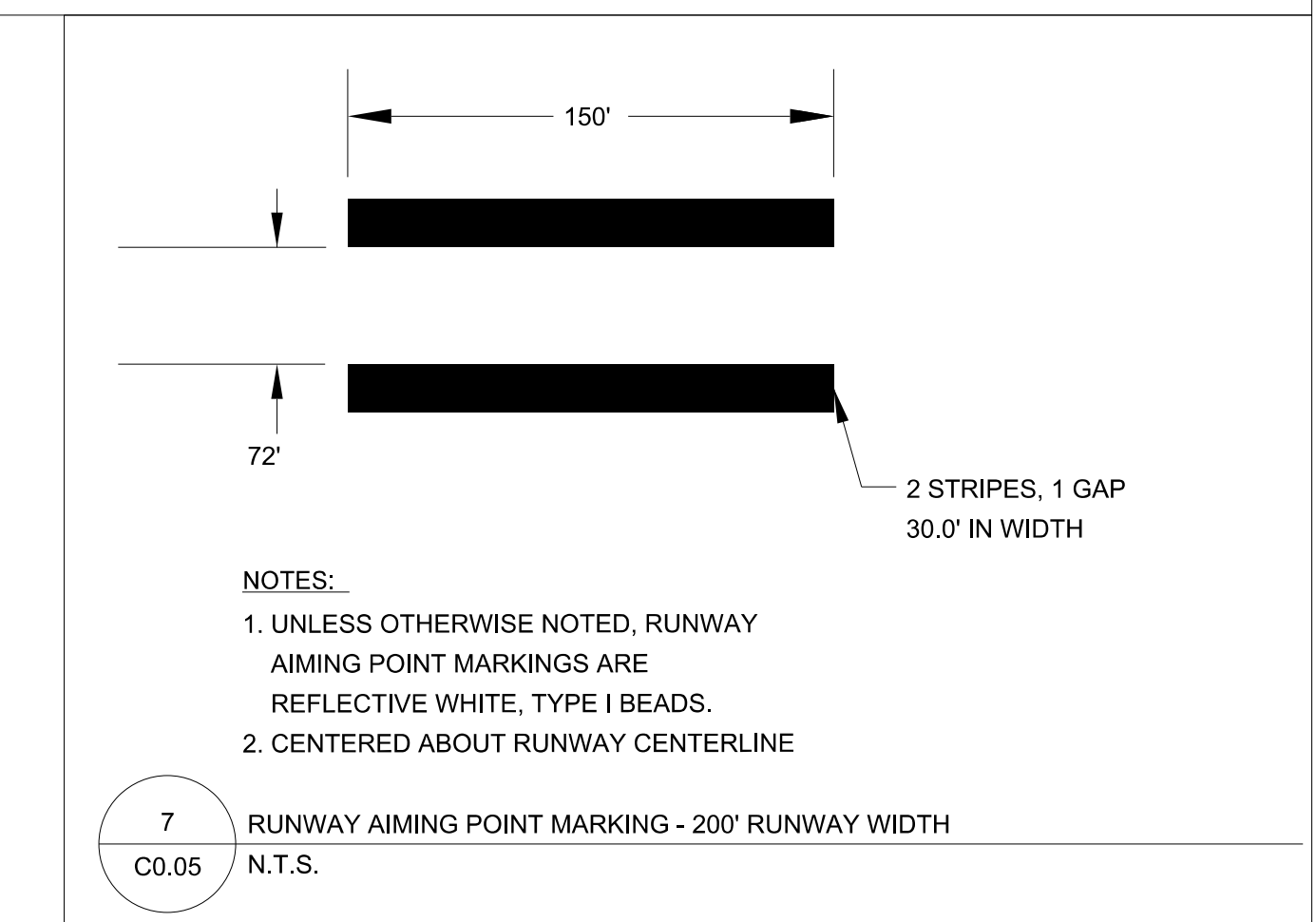
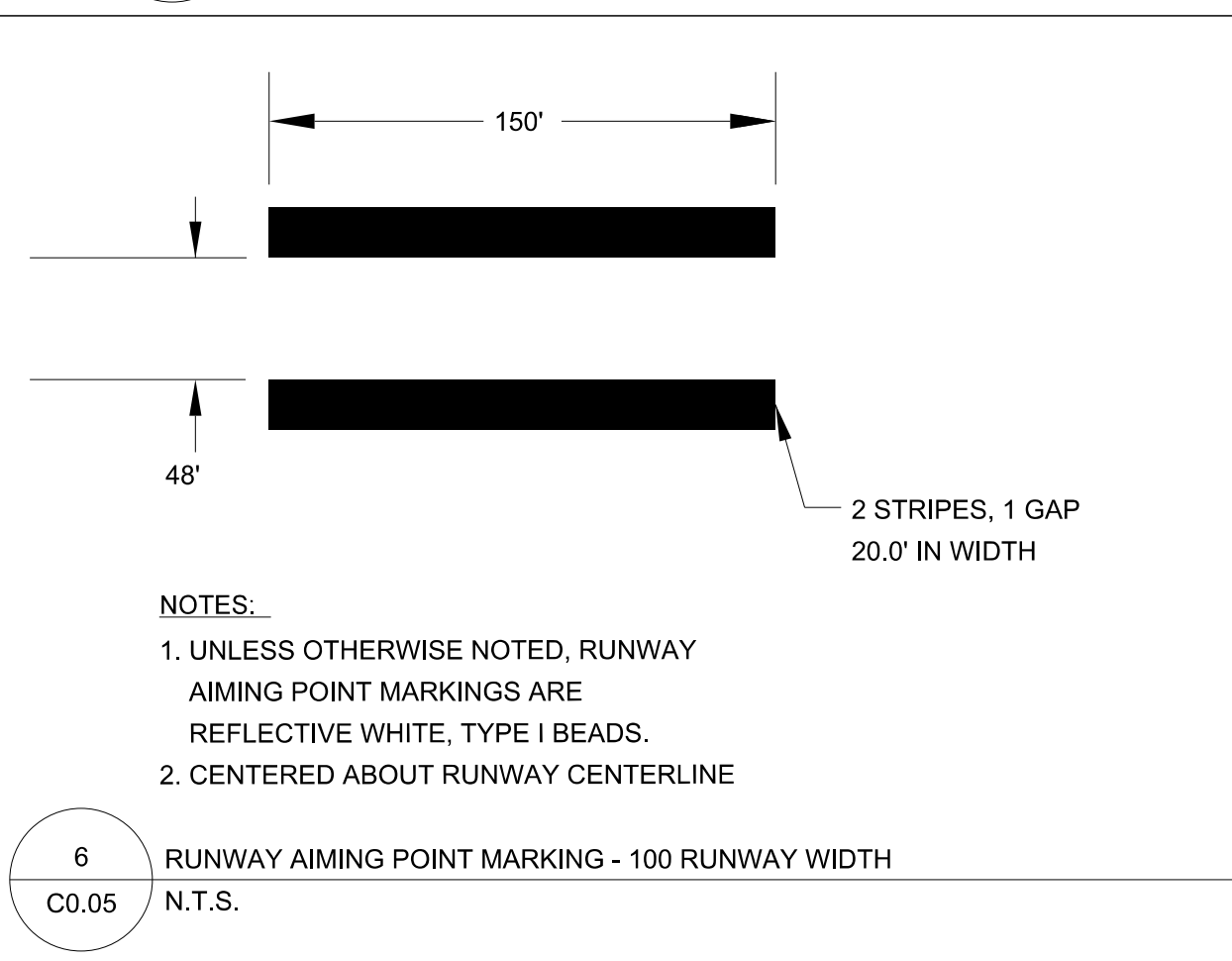
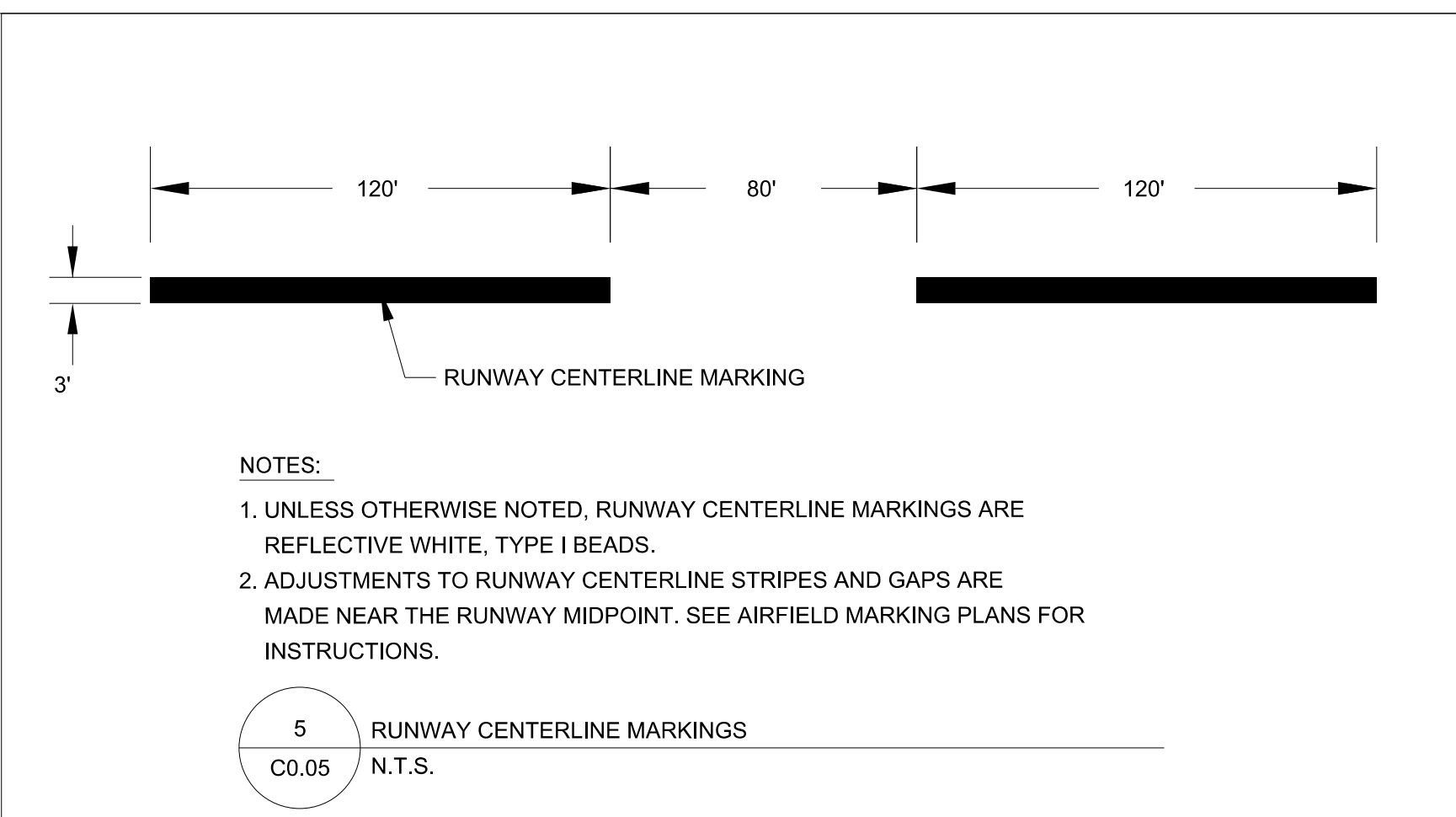
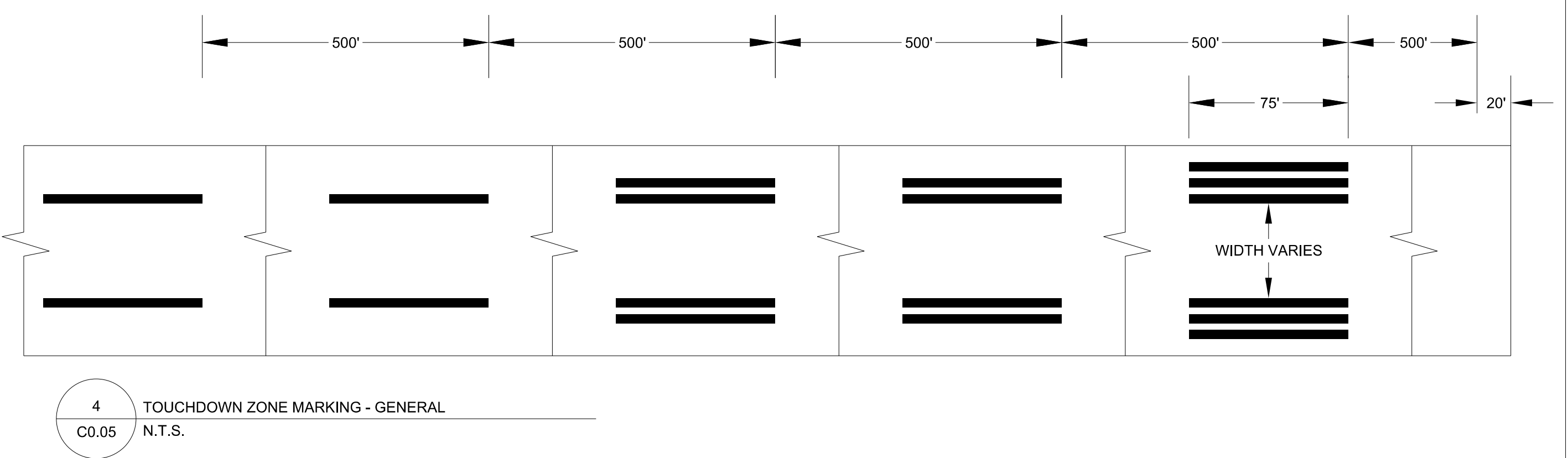
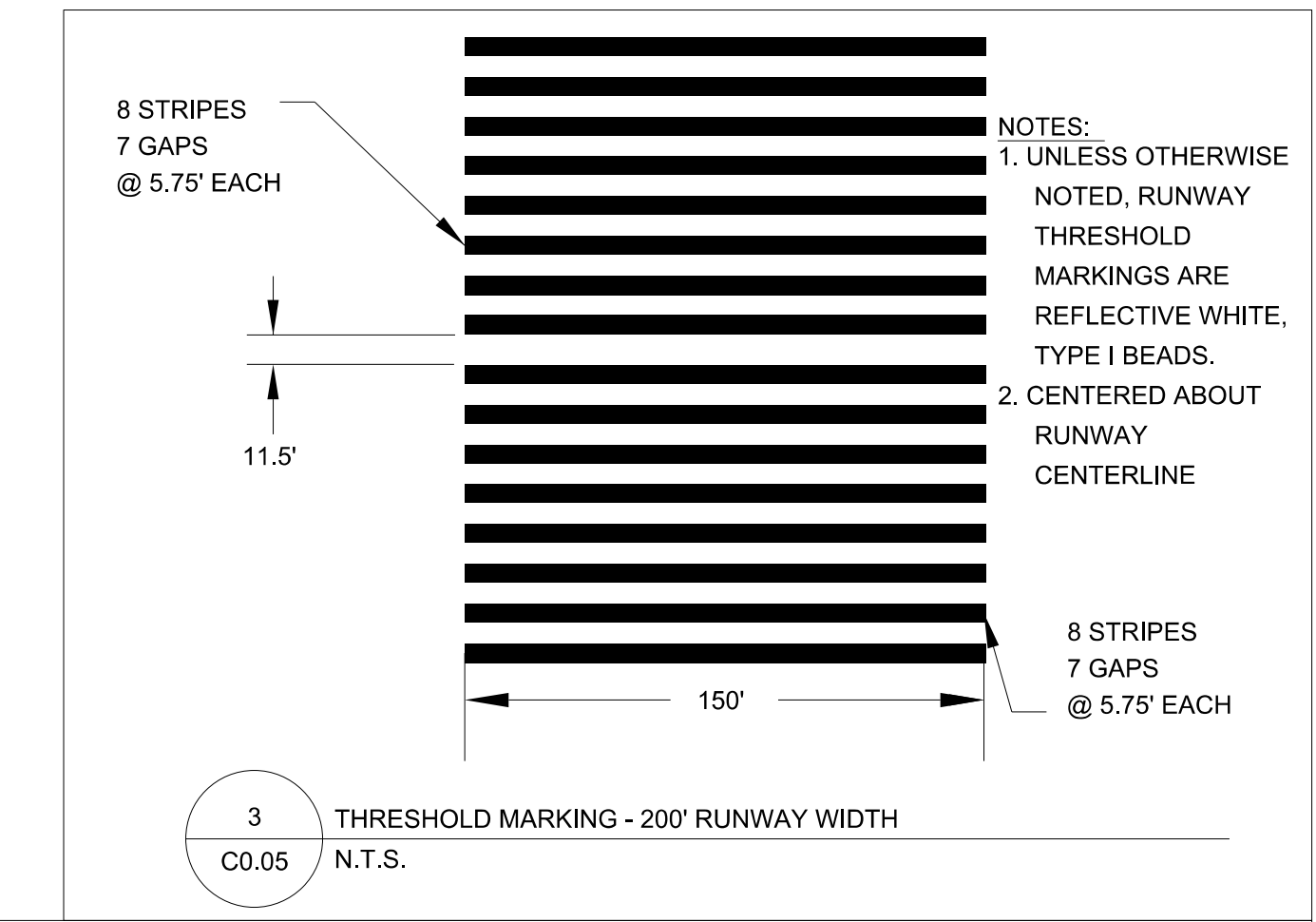
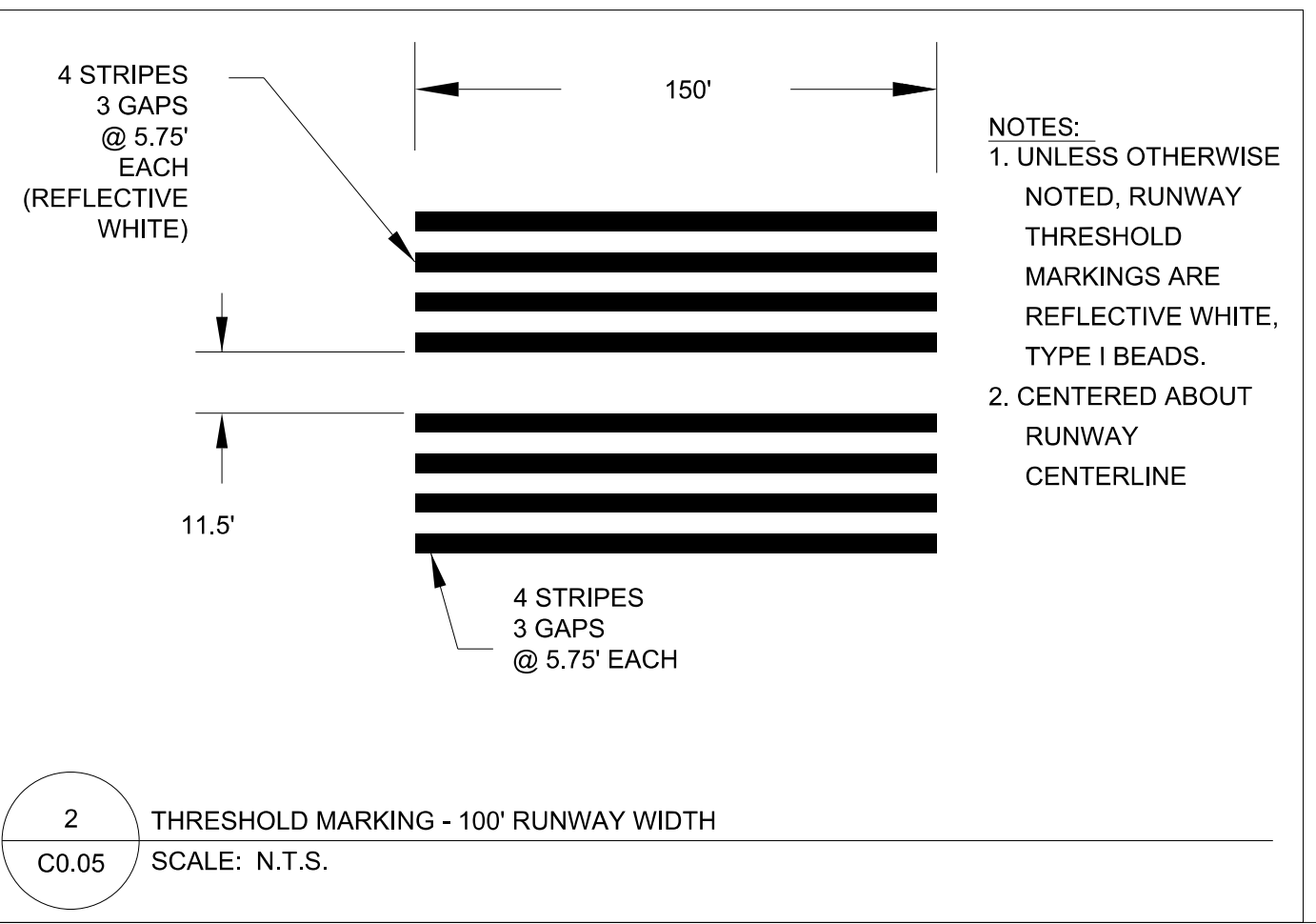
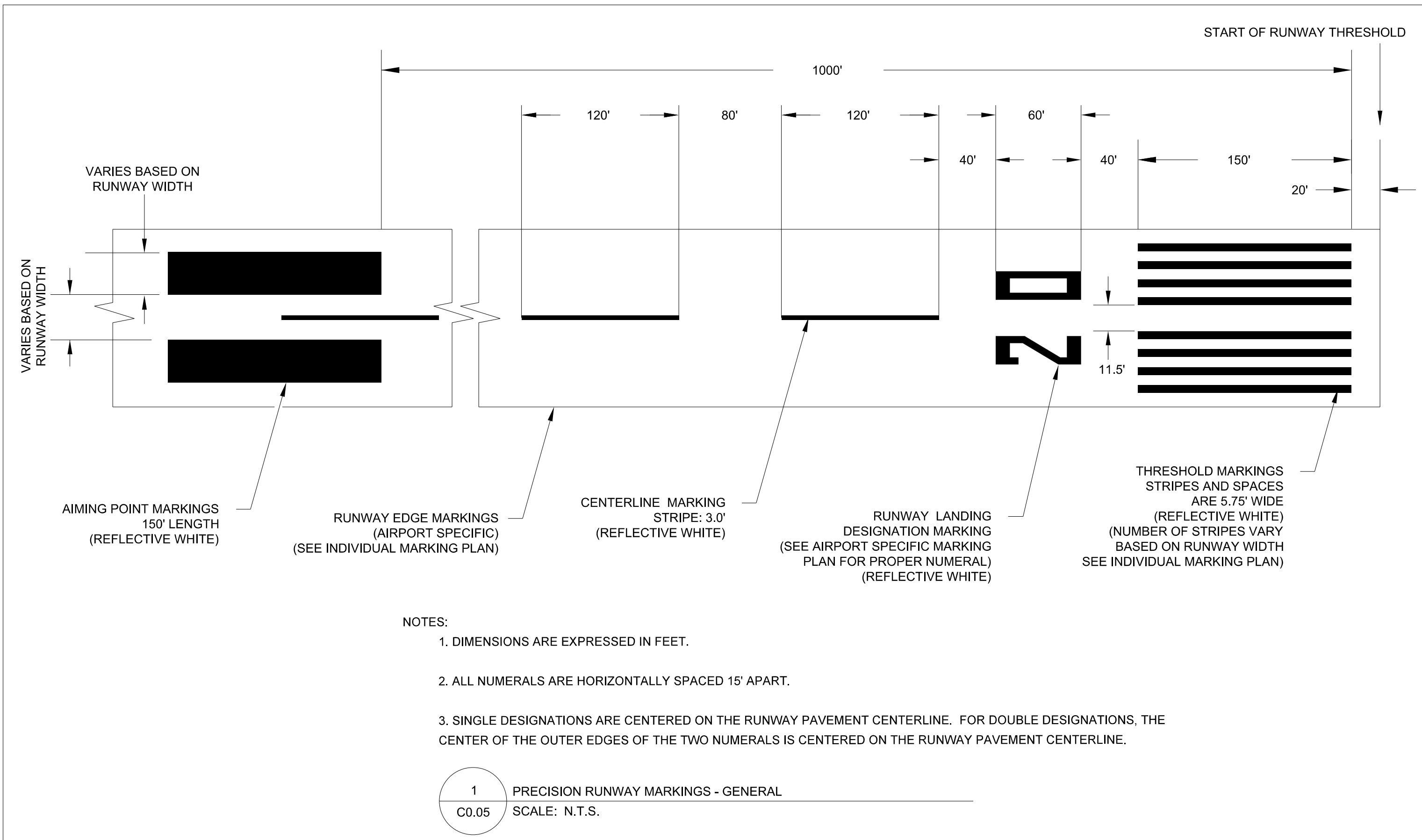


- NOTE:
- RUNWAY MARKINGS INCLUDING THESE IN THE DISPLACED THRESHOLD ARE REFLECTIVE WHITE.
 - DISPLACED THRESHOLD MARKINGS SHOULD MATCH EXISTING MARKINGS.

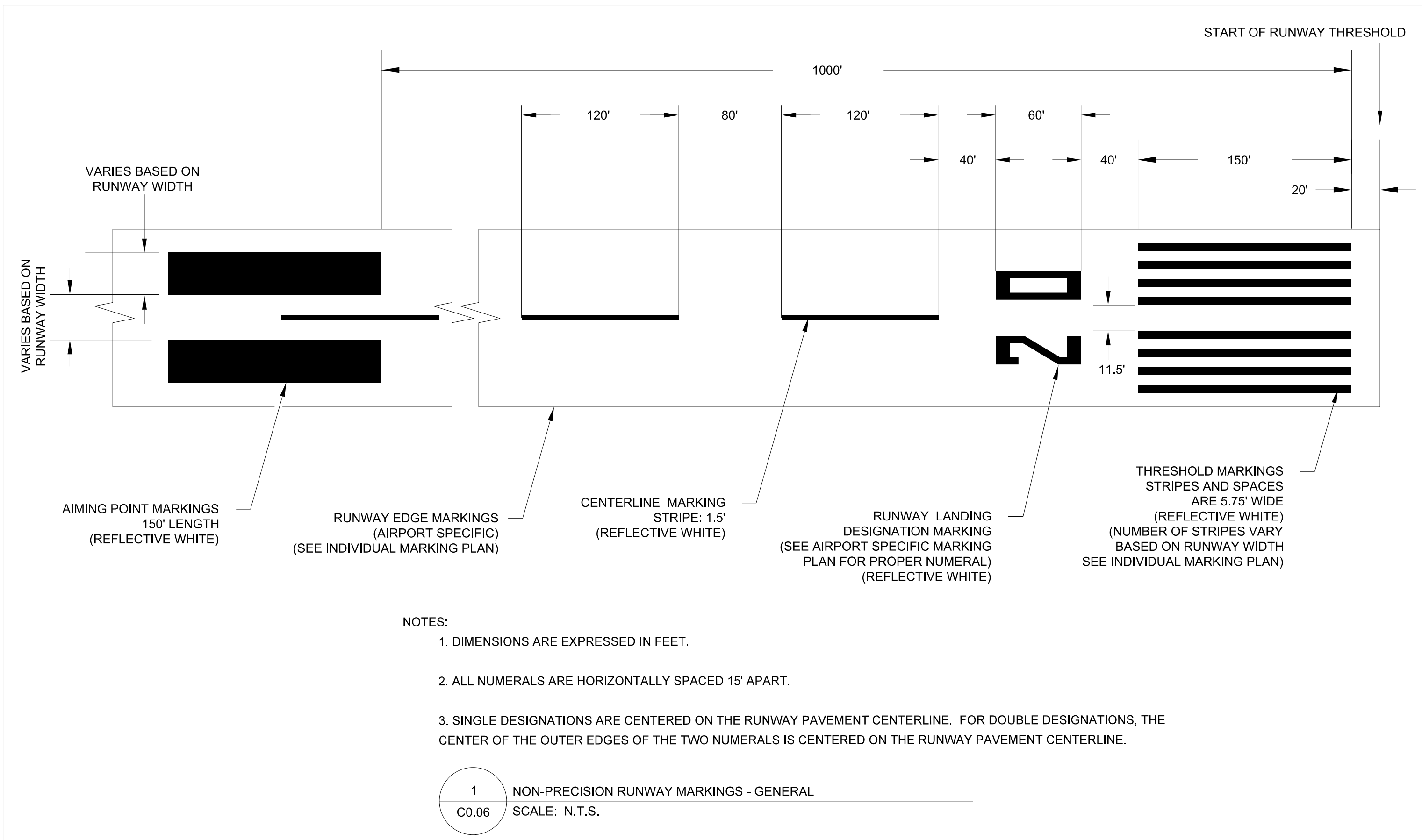


7 DISPLACED THRESHOLD DETAIL (FOR REFERENCE ONLY)
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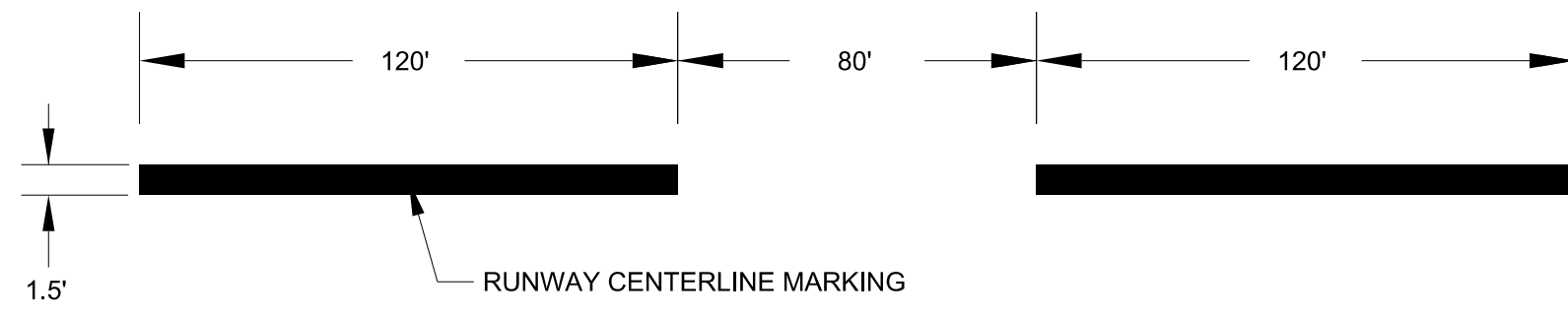
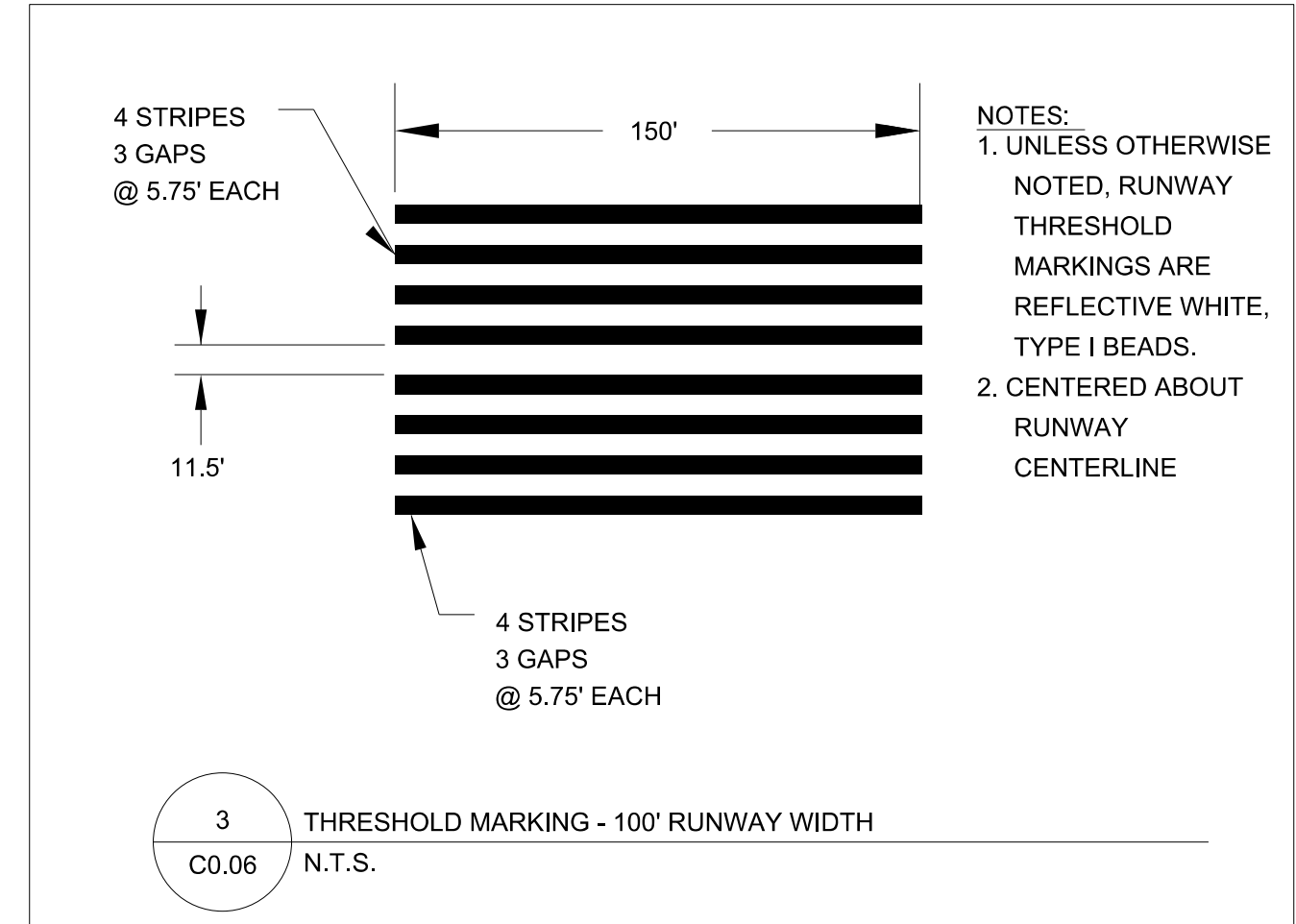
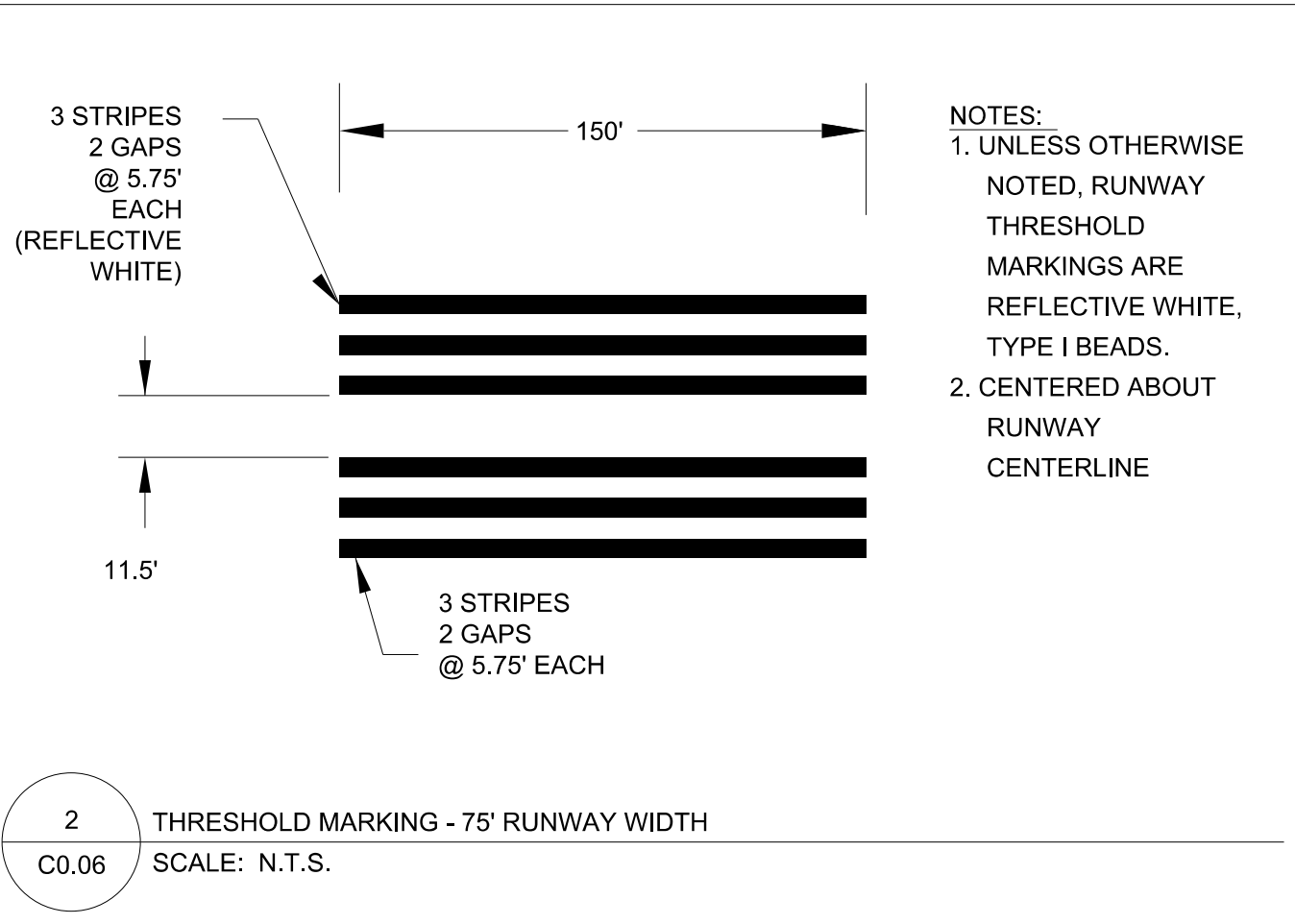
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DES. DATE	
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APP. DATE	
BCI JAC 01/22/2021	



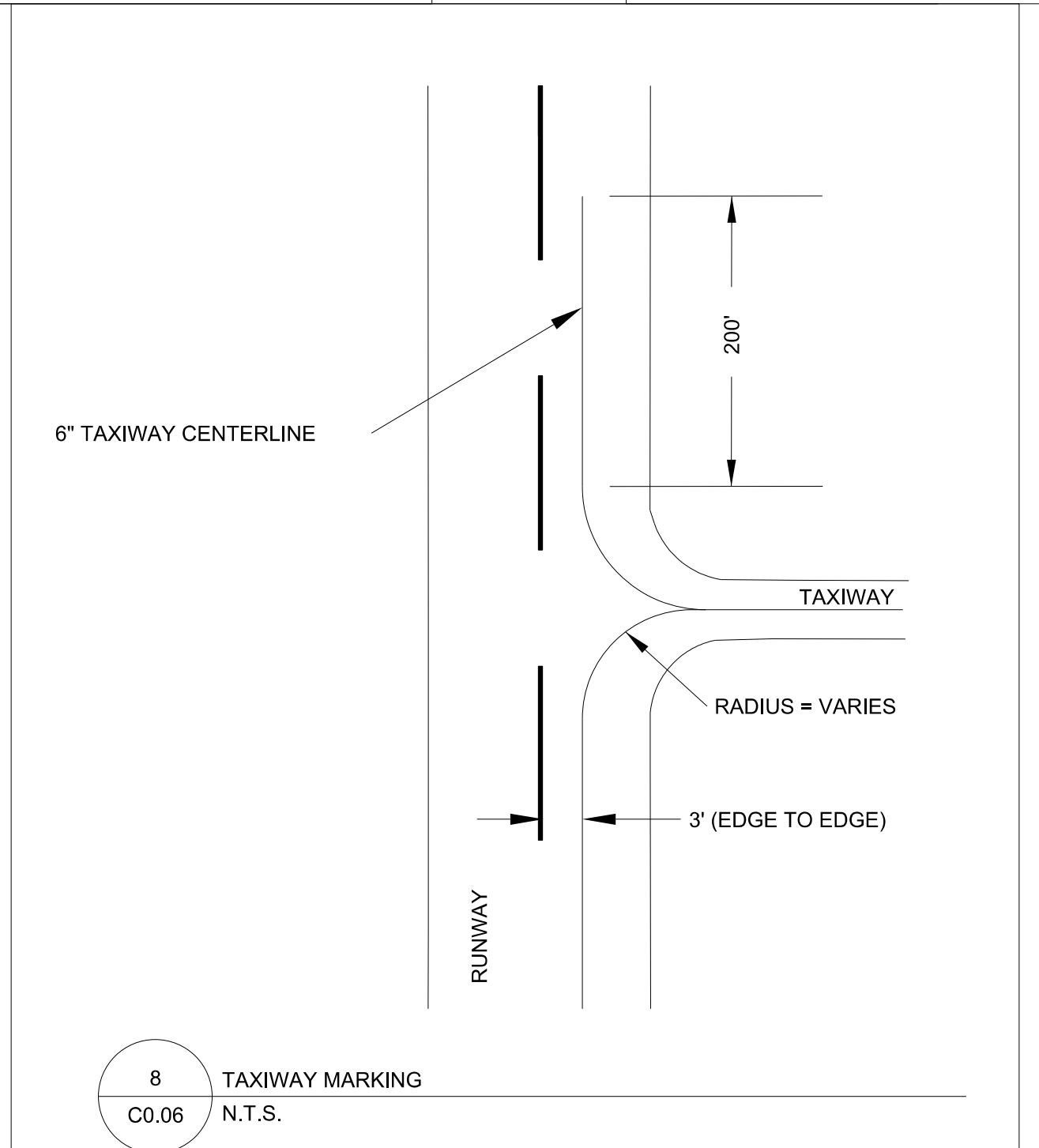
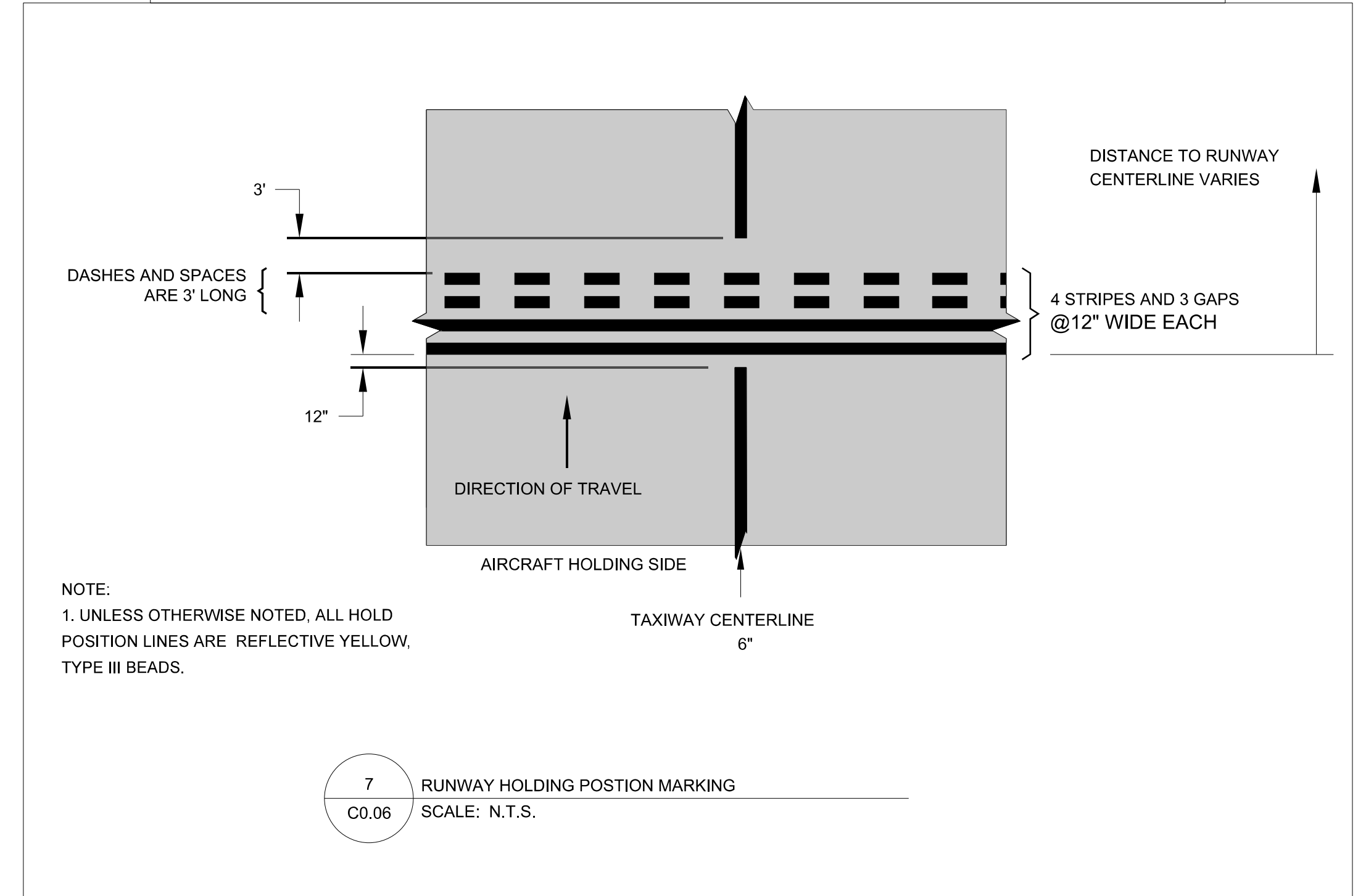
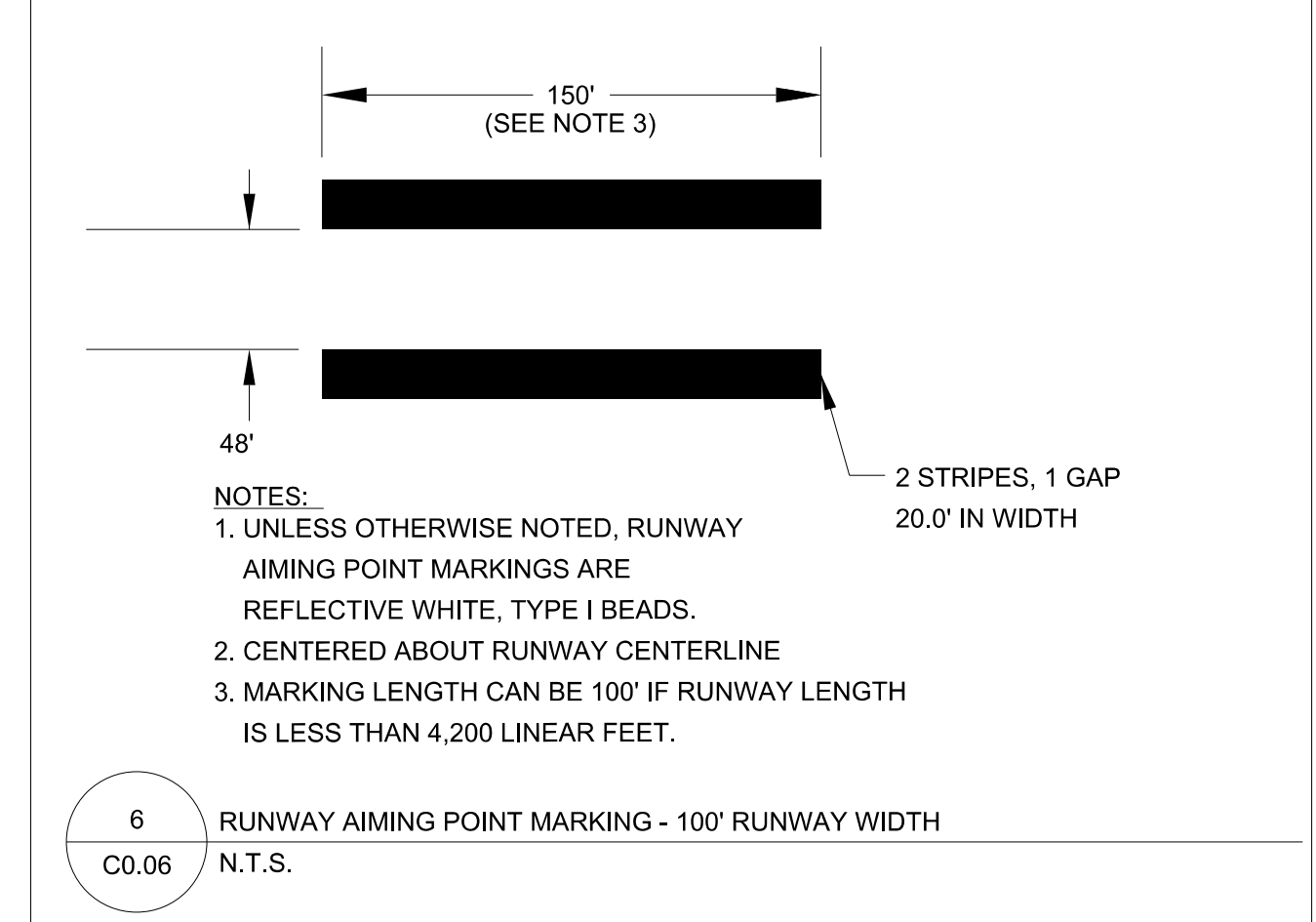
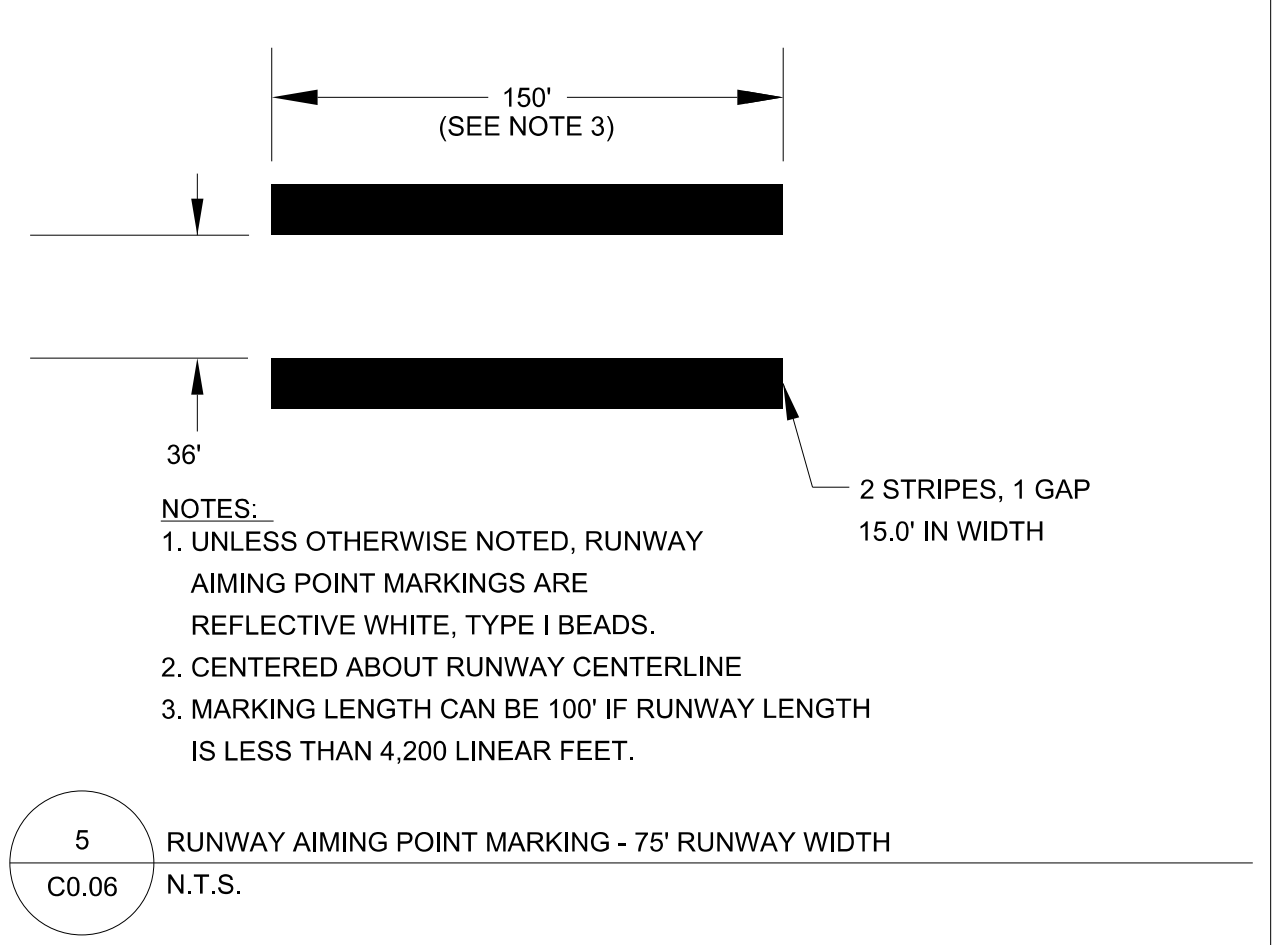
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DR. BCI	
DES. JDS	



1 NON-PRECISION RUNWAY MARKINGS - GENERAL
C0.06 SCALE: N.T.S.



4 RUNWAY CENTERLINE MARKINGS
C0.06 N.T.S.



NON-PRECISION RUNWAY MARKING DETAILS
AIRFIELD PAVEMENT AND MARKING MAINTENANCE
MIDDLE TENNESSEE AIRPORTS
MIDDLE TENNESSEE

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C0.06

FILE NO. 36821-04



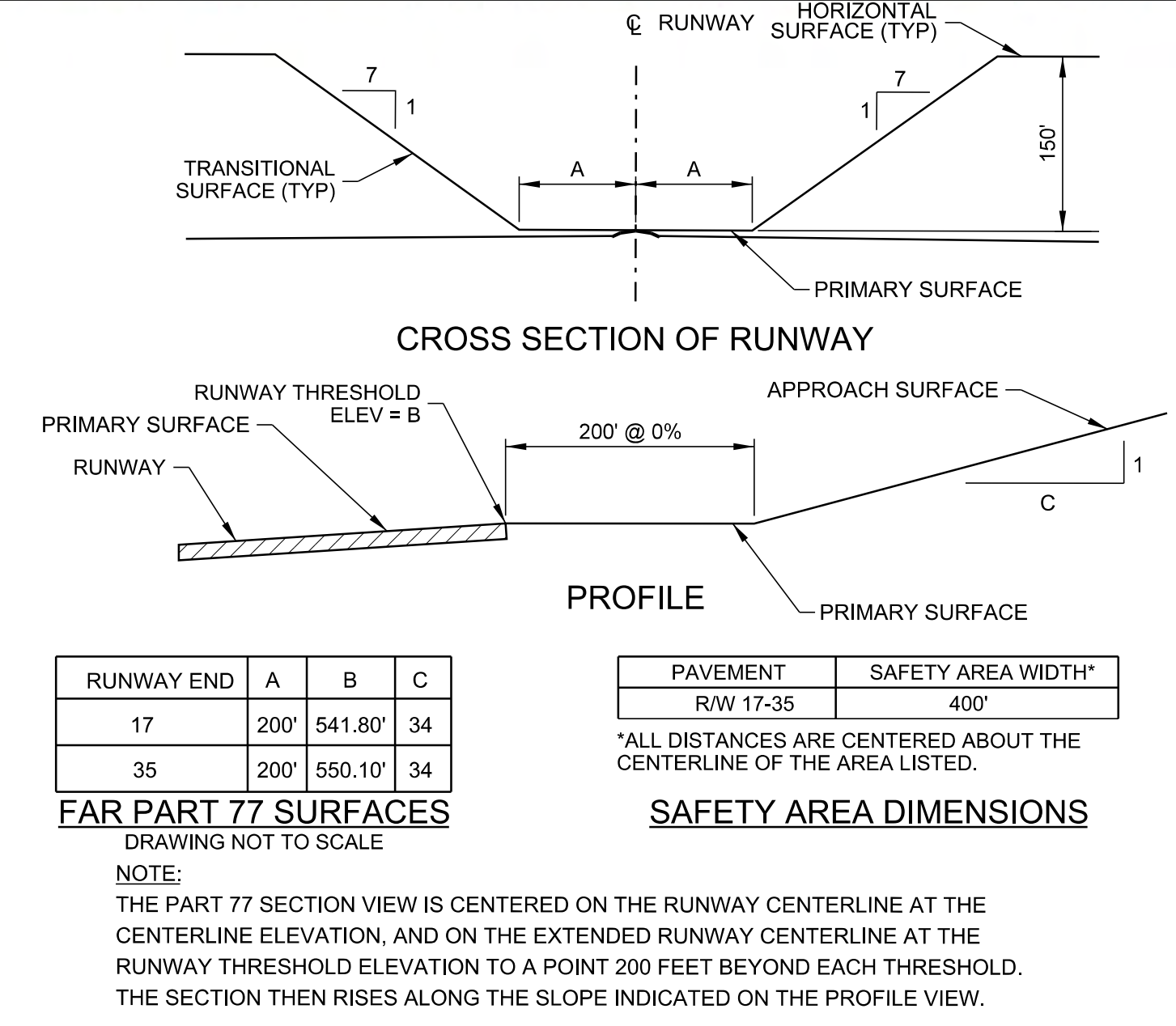
CONSTRUCTION SAFETY & PHASING PLAN (CSPP)
AIRFIELD PAVEMENT AND MARKING MAINTENANCE
CLARKSVILLE REGIONAL AIRPORT, KCKV
CLARKSVILLE, TENNESSEE



LEGEND

- CONSTRUCTION HAUL ROUTE
- ROFA - RUNWAY OBJECT FREE AREA
- RSA - RUNWAY SAFETY AREA
- CRACK REPAIR, SEAL COAT, REMARKING

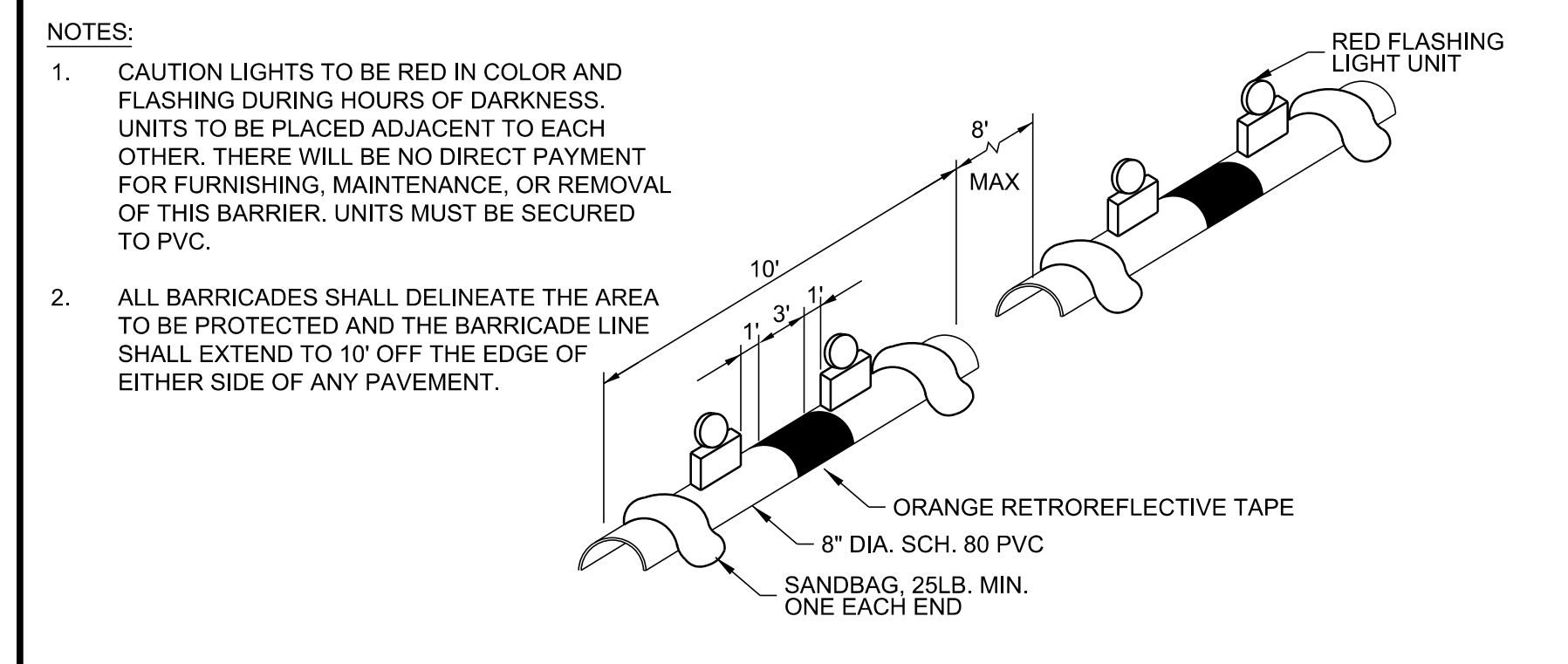
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 - THE CONTRACTOR'S PERSONNEL AND EQUIPMENT SHALL NOT BE PERMITTED OUTSIDE THE CONSTRUCTION WORK LIMITS WITHOUT BEING ESCORTED BY THE OWNER APPROVED ESCORT.
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 - ALL CONTRACTOR VEHICLES, INCLUDING HAULING VEHICLES, THAT ARE AUTHORIZED TO OPERATE ON THE AIRPORT WITHIN THE DESIGNATED LIMITS OF CONSTRUCTION OR HAUL ROUTES AS DEFINED HEREIN, SHALL DISPLAY IN FULL VIEW ABOVE THE VEHICLE A 3'X3' OR LARGER ORANGE AND WHITE CHECKERBOARD FLAG. EACH CHECKERBOARD COLOR BEING 1" SQUARE. WHEN OPERATING DURING PERIODS OF DARKNESS OR LIMITED VISIBILITY, CONTRACTOR'S VEHICLE SHALL BE EQUIPPED WITH ROTATING OR FLASHING AMBER LIGHTS. DURING SUCH PERIODS, HAULING VEHICLES NOT SO EQUIPPED SHALL BE ESCORTED BY A VEHICLE SO EQUIPPED.
 - CONTRACTOR SHALL CONTROL THE ON-AIRPORT MOVEMENT AND ACTIVITIES OF ITS EMPLOYEES AND SUBCONTRACTORS.
 - OPEN-FLAME WELDING OR TORCH-CUTTING OPERATIONS ARE PROHIBITED UNLESS ADEQUATE FIRE AND SAFETY PRECAUTIONS HAVE BEEN APPROVED BY THE OWNER.
 - OPEN TRENCHES, EXCAVATIONS AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHALL BE PROMINENTLY MARKED WITH ORANGE FLAGS AND LIGHTED WITH FLASHING AMBER LIGHT UNITS (ACCEPTABLE TO THE OWNER) DURING HOURS OF RESTRICTED VISIBILITY OR DARKNESS.
 - STOCKPILED MATERIAL SHALL BE CONSTRAINED IN A MANNER TO PREVENT MOVEMENT AS A RESULT OF AIRCRAFT OR WIND.
 - ANY DAMAGE TO THE EXISTING AIRPORT LIGHTING SYSTEM CAUSED BY CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY NOTED TO THE OWNER AND REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE AND TO THE OWNER'S SPECIFICATIONS.
 - DEBRIS, WASTE AND LOOSE MATERIAL, CAPABLE OF CAUSING DAMAGE TO AIRCRAFT LANDING GEAR, PROPELLERS AND ROTORS, OR OF BEING INGESTED BY JET ENGINES SHALL NOT BE LEFT ON ACTIVE AIRCRAFT MOVEMENT AREAS. MATERIAL DROPPED WITHIN THESE AREAS SHALL BE REMOVED CONTINUOUSLY DURING WORKING HOURS.
 - THE CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY REFLECTORIZED SIGNS TO CLEARLY MARK THE DESIGNATED ACCESS ROUTES TO AFFECTED AREAS OF AIRPORT PROPERTY. CONTRACTOR SHALL CONTROL ACCESS TO THE WORKING AREA BY CONSTRUCTION VEHICLES AS DELINEATED ON THIS PLAN.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR INFORMING ALL PERSONS UNDER THEIR CONTROL THAT UNAUTHORIZED CONSTRUCTION PERSONNEL FOUND IN RESTRICTED AREAS OF THE AIRPORT SHOWN ON THE SAFETY PLAN ARE SUBJECT TO ARREST FOR A PUNISHABLE FEDERAL OFFENSE AND WILL PROMPTLY AND PERMANENTLY BE REMOVED FROM THE JOB.
 - THE CONTRACTOR SHALL PROVIDE APPROVED FLAGMAN TO CONTROL ALL CONSTRUCTION TRAFFIC AND APPROVED GATE GUARD TO CONTROL ALL CONSTRUCTION TRAFFIC ENTERING AIRPORT TO PREVENT CONFLICTS WITH AIRCRAFT OPERATIONS.
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 - SPECIAL ACCESS REQUIREMENTS AND OPERATING LIMITATIONS ARE REQUIRED INSIDE THE SECURITY FENCE. THE CONTRACTOR SHALL DELINEATE WORK LIMITS WITHIN THESE AREAS USING STAKES WITH FLAGGING AS NOTED. CONFINE ALL CONTRACTOR'S PERSONNEL, EQUIPMENT AND MATERIALS INSIDE THE OWNER'S APPROVED WORK LIMITS.
 - THE CONTRACTOR SHALL PERFORM CONSTRUCTION OPERATIONS AS NECESSARY TO MINIMIZE ATTRACTION TO BIRDS CAUSED BY PONDED WATER AND GRASS SEED.
 - THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN FLASHING LIGHTS AND BARRICADES ALONG AIRCRAFT APRON EDGES OR WHERE TEMPORARY PAVEMENT CLOSURES OR AIRCRAFT LIMITATIONS ARE REQUIRED. BARRICADES SHALL BE SPACED NO MORE THAN 8 FEET END TO END OR AS NOTED ALONG THE AFFECTED PAVEMENT EDGE OR ACROSS THE PAVEMENT OF A CLOSED TAXIWAY. THE CONTRACTOR SHALL DAILY MAINTAIN THE LIGHTS AND BARRICADES IN AN OPERABLE CONDITION FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL FURNISH THE OWNER A CONTACT NUMBER FOR 24-HOUR MAINTENANCE OF LIGHTS AND BARRICADES. THE COST FOR BARRICADES AND LIGHTS SHALL BE INCIDENTAL TO THE PROJECT.
 - NO CONSTRUCTION TRAFFIC SHALL ENTER OR CROSS ANY ACTIVE AIRPORT OPERATIONAL AREA EXCEPT UPON AUTHORIZATION BY THE OWNER.
 - REFER TO THE GENERAL NOTES FOR REQUIREMENTS PERTAINING TO STORAGE OF CONSTRUCTION EQUIPMENT AND MATERIALS WHEN NOT IN USE.
 - THE CONTRACTOR SHALL COMPLY WITH ALL SECURITY REQUIREMENTS SPECIFIED HEREIN. THE CONTRACTOR SHALL DESIGNATE IN WRITING TO THE OWNER THE NAME OF ITS "CONTRACTOR SECURITY OFFICER". THE CONTRACTOR SECURITY OFFICER SHALL REPRESENT THE CONTRACTOR ON THE SECURITY REQUIREMENTS OF THE CONTRACT.
 - THE CONTRACTOR'S SECURITY OFFICER SHALL BE RESPONSIBLE FOR BRIEFING ALL CONTRACTOR PERSONNEL ON THESE REQUIREMENTS. CONTRACTOR EMPLOYEES SHALL ATTEND THE OWNER'S SECURITY TRAINING SESSION AND SHALL BE BRIEFED ON THESE REQUIREMENTS PRIOR TO WORKING IN THE CONSTRUCTION AREAS.
 - THE CONTRACTOR SHALL ACQUAINT THEIR SUPERVISORS AND EMPLOYEES WITH THE AIRPORT ACTIVITIES AND OPERATIONS THAT ARE INHERENT AT THIS AIRPORT AND SHALL CONDUCT THEIR CONSTRUCTION ACTIVITIES TO CONFORM TO ALL ROUTINE AND EMERGENCY AIR TRAFFIC REQUIREMENTS AND TO THE GUIDELINES ON SAFETY.
 - CONTRACTOR TO FIELD VERIFY AND PROTECT ALL EXISTING UTILITIES BEFORE CONSTRUCTION WORK BEGINS.
 - ALL LOCATIONS USED FOR HAUL ROUTES, STAGING AREAS, EMPLOYEE PARKING AND MATERIAL STORAGE SHALL BE CLEANED UP WHEN ALL CONSTRUCTION IS COMPLETED.
 - ALL FOREMAN'S SUPERINTENDANT'S VEHICLES SHALL CONTAIN RADIOS CAPABLE OF TRANSMITTING AND RECEIVING THE UNICOM FREQUENCY OF 122.80. NORMAL RADIO COMMUNICATIONS BETWEEN CONTRACTOR PERSONNEL WILL NOT BE ALLOWED ON THE UNICOM FREQUENCY OF 122.80 OR ANY OTHER FAA FREQUENCY. THE CONTRACTOR IS REQUIRED TO MONITOR THE AIRPORT FREQUENCY WHENEVER THEIR FORCES ARE ON AIRPORT PROPERTY, WHETHER OR NOT THE RUNWAY IS OPEN OR CLOSED.
 - THE CONTRACTOR IS ENCOURAGED TO DOCUMENT VIA PICTURES AND/OR VIDEO THE PRE-CONSTRUCTION CONDITION OF ALL PAVEMENTS AND STRUCTURES. ANY DAMAGE NOTICED AFTER THE CONTRACTOR'S MOBILIZATION WILL BE ASSUMED TO BE CAUSED BY THE CONTRACTOR AND SHALL BE FULLY REPAIRED AT THE CONTRACTOR'S EXPENSE.
 - NO EQUIPMENT WILL BE ALLOWED WITHIN 200' OF THE PRIMARY RUNWAY 17-35 CENTERLINE. NO EQUIPMENT WILL BE PARKED OR STORED WITHIN 400' OF THE PRIMARY RUNWAY 17-35 CENTERLINE.
 - NO EQUIPMENT WILL BE ALLOWED WITHIN 39.5' OF THE TAXIWAYS CENTERLINE. NO EQUIPMENT WILL BE PARKED OR STORED WITHIN 65.5' OF TAXIWAY ALPHA'S CENTERLINE.
 - THE EXISTING AIRPORT PAVEMENTS ARE DESIGNED FOR AIRCRAFT TRAFFIC ONLY, AND MAY NOT SUPPORT LOADED TRUCK OR HEAVY EQUIPMENT. ANY DAMAGE RESULTING FROM THE CONTRACTOR'S ACTIONS WILL BE IMMEDIATELY REPAIRED TO FAA STANDARDS AT THE CONTRACTOR'S EXPENSE.



AIRPORT CONTACT INFORMATION:
JOHN PATTERSON
200A OUTLAW FIELD ROAD, P.O. BOX 2457,
CLARKSVILLE, TN 37042
(931) 431-2080

LOCAL EMERGENCY PHONE NUMBERS:
EMERGENCY: 911
CLARKSVILLE POLICE DEPARTMENT: (931) 648-0656
CLARKSVILLE FIRE RESCUE: (931) 645-7456

LIQUIDATED DAMAGES:
\$1,000 PER CALENDAR DAY

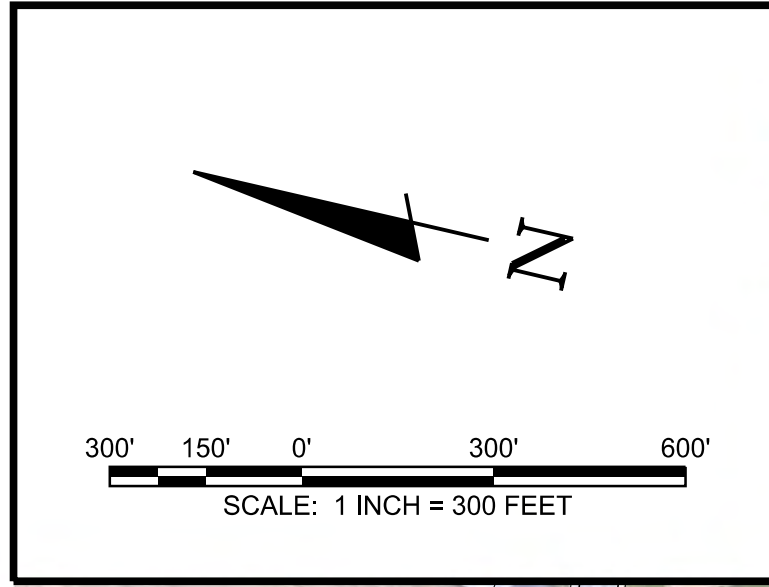


1 AIRFIELD BARRICADE DETAIL
C1.01 SCALE: N.T.S.

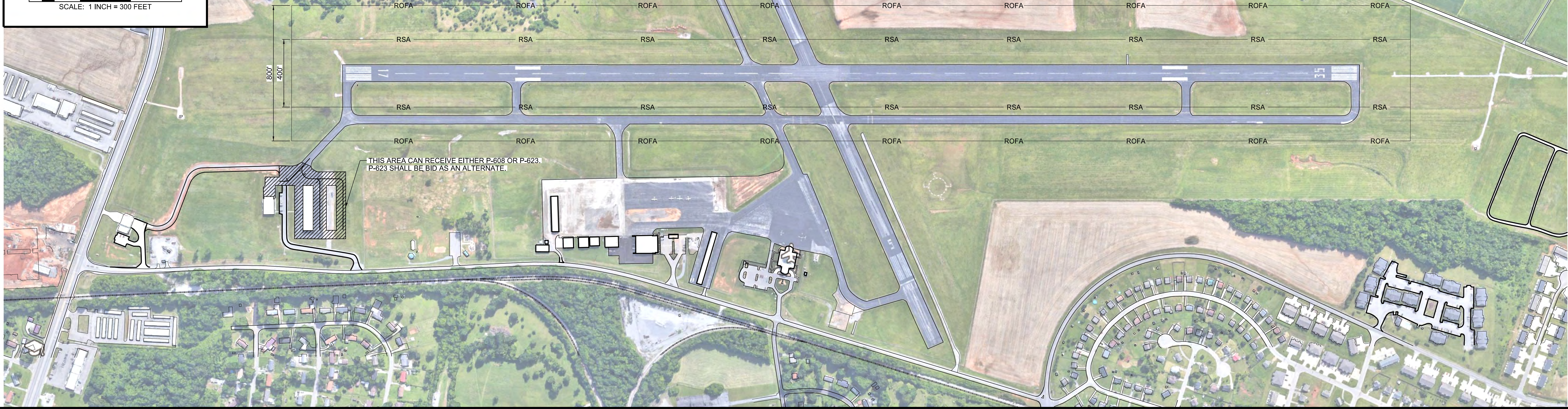
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LEGEND	
	CRACK REPAIR, SEAL COAT, REMARKING
	ROFA - RUNWAY OBJECT FREE AREA
	RSA - RUNWAY SAFETY AREA



SCHEDULE OF QUANTITIES

ITEM	BASE BID	QUANTITY	UNIT
C-100	CONTRACTOR QUALITY CONTROL PROGRAM (CQCP)	1	LS
C-105	MOBILIZATION	1	LS
P-101-5.1	CRACK REPAIR (TYPE I)	5,200	LF
P-101-5.2	CRACK REPAIR (TYPE II)	1,050	LF
P-101-5.3	AIRFIELD PAVEMENT MARKING REMOVAL	765	SF
P-608-8.1	EMULSIFIED ASPHALT SEAL COAT (FOR APRONS & TAXILANES)	12,380	SY
P-620-5.2	TEMPORARY YELLOW PAINT	600	SF
P-620-5.4	YELLOW PAINT WITH REFLECTIVE MEDIA	600	SF
ITEM	BID ALTERNATE No. 1	QUANTITY	UNIT
P-623-6.1	PAVEMENT FRICTION SEALCOAT SURFACE TREATMENT (FOR APRONS & TAXILANES ONLY - P-608 ALTERNATE)	12,380	SY

CONSTRUCTION PHASING PLAN

- PHASE I. CONTRACTOR TO PLACE AIRFIELD BARRICADES AT APPROVED LOCATIONS.
 - a) IT SHALL BE MANDATED THAT THE AIRPORT SHOULD RECEIVE 48 HOUR NOTICE PRIOR TO EACH PHASE OF WORK COMMENCING.
- PHASE II. CRACK REPAIR (TYPE III CRACKS)
 - a) SEE QUANTITIES (LF).
 - b) MARKING REMOVAL (SF) MAY COMMENCE DURING PHASE II.
- PHASE III. SEAL COAT
 - a) SEE QUANTITIES (GAL).
- PHASE IV. REMARKING
 - a) SEE QUANTITIES (SF).

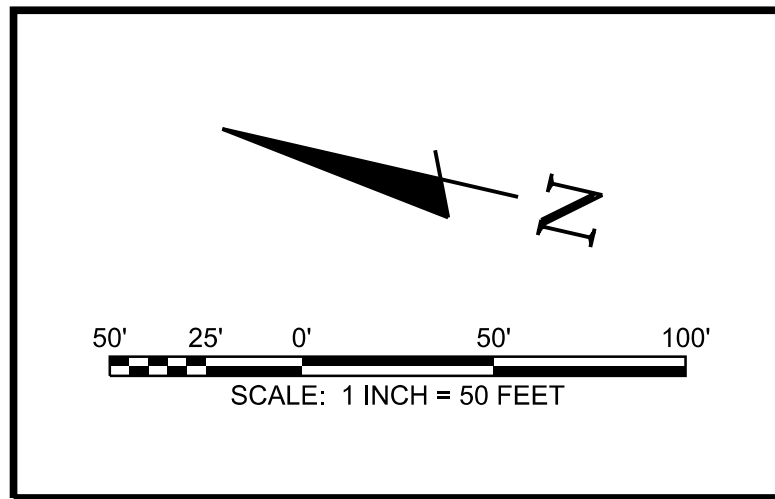


OVERALL SITE LAYOUT PLAN
AIRFIELD PAVEMENT AND MARKING MAINTENANCE
CLARKSVILLE REGIONAL AIRPORT, KCKV
 CLARKSVILLE, TENNESSEE

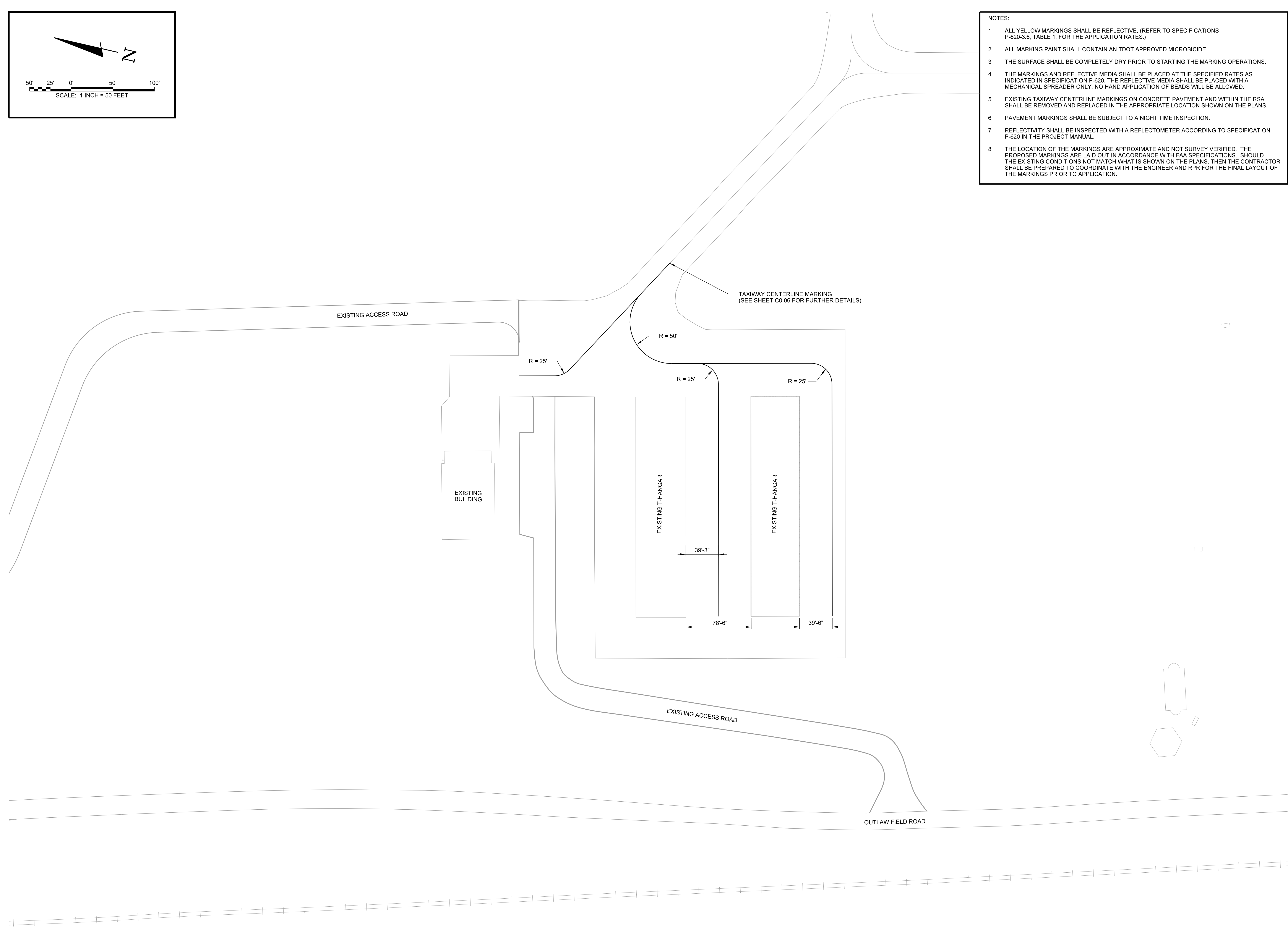
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- NOTES:
1. ALL YELLOW MARKINGS SHALL BE REFLECTIVE. (REFER TO SPECIFICATIONS P-620-3.6, TABLE 1, FOR THE APPLICATION RATES.)
 2. ALL MARKING PAINT SHALL CONTAIN AN TDOT APPROVED MICROBICIDE.
 3. THE SURFACE SHALL BE COMPLETELY DRY PRIOR TO STARTING THE MARKING OPERATIONS.
 4. THE MARKINGS AND REFLECTIVE MEDIA SHALL BE PLACED AT THE SPECIFIED RATES AS INDICATED IN SPECIFICATION P-620. THE REFLECTIVE MEDIA SHALL BE PLACED WITH A MECHANICAL SPREADER ONLY. NO HAND APPLICATION OF BEADS WILL BE ALLOWED.
 5. EXISTING TAXIWAY CENTERLINE MARKINGS ON CONCRETE PAVEMENT AND WITHIN THE RSA SHALL BE REMOVED AND REPLACED IN THE APPROPRIATE LOCATION SHOWN ON THE PLANS.
 6. PAVEMENT MARKINGS SHALL BE SUBJECT TO A NIGHT TIME INSPECTION.
 7. REFLECTIVITY SHALL BE INSPECTED WITH A REFLECTOMETER ACCORDING TO SPECIFICATION P-620 IN THE PROJECT MANUAL.
 8. THE LOCATION OF THE MARKINGS ARE APPROXIMATE AND NOT SURVEY VERIFIED. THE PROPOSED MARKINGS ARE LAID OUT IN ACCORDANCE WITH FAA SPECIFICATIONS. SHOULD THE EXISTING CONDITIONS NOT MATCH WHAT IS SHOWN ON THE PLANS, THEN THE CONTRACTOR SHALL BE PREPARED TO COORDINATE WITH THE ENGINEER AND RPR FOR THE FINAL LAYOUT OF THE MARKINGS PRIOR TO APPLICATION.



AIRFIELD MARKING PLAN

AIRFIELD PAVEMENT AND MARKING MAINTENANCE
CLARKSVILLE REGIONAL AIRPORT, KCKV
CLARKSVILLE, TENNESSEE

REVISION INFORMATION	
REV.	DESCRIPTION
CHK. DATE	ISSUED FOR BID
JAC	01/22/2021
DR. DATE	
BCM	
DES	

C1.03

FILE NO. 36821-04

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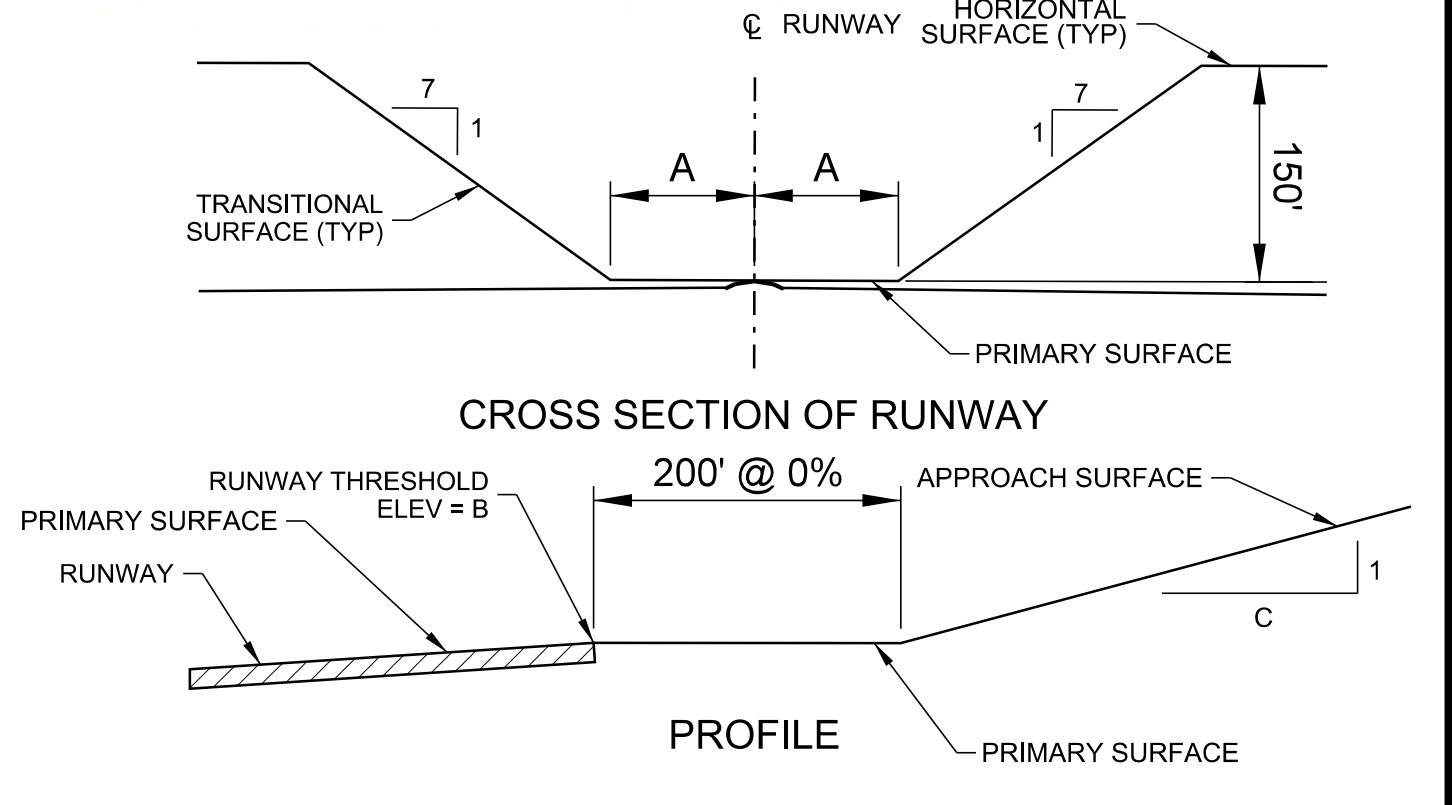


LEGEND

→	CONSTRUCTION HAUL ROUTE	[Cross-hatch pattern]	CRACK REPAIR, SEAL COAT, REMARKING FOR RUNWAY & TAXIWAYS
—	ROFA— RUNWAY OBJECT FREE AREA	[Diagonal line pattern]	CRACK REPAIR, SEAL COAT, REMARKING FOR APRONS & TAXILANES
—	RSA— RUNWAY SAFETY AREA	[Stippled pattern]	

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- NO EQUIPMENT WILL BE ALLOWED WITHIN 75' OF THE PRIMARY RUNWAY 2-20 CENTERLINE. NO EQUIPMENT WILL BE PARKED OR STORED WITHIN 250' OF THE PRIMARY RUNWAY 2-20 CENTERLINE.
- NO EQUIPMENT WILL BE ALLOWED WITHIN 39.5' OF THE TAXIWAY'S CENTERLINE. NO EQUIPMENT WILL BE PARKED OR STORED WITHIN 65.5' OF TAXIWAY ALPHA'S CENTERLINE.
- THE EXISTING AIRPORT PAVEMENTS ARE DESIGNED FOR AIRCRAFT TRAFFIC ONLY, AND MAY NOT SUPPORT LOADED TRUCK OR HEAVY EQUIPMENT. ANY DAMAGE RESULTING FROM THE CONTRACTOR'S ACTIONS WILL BE IMMEDIATELY REPAIRED TO FAA STANDARDS AT THE CONTRACTOR'S EXPENSE.

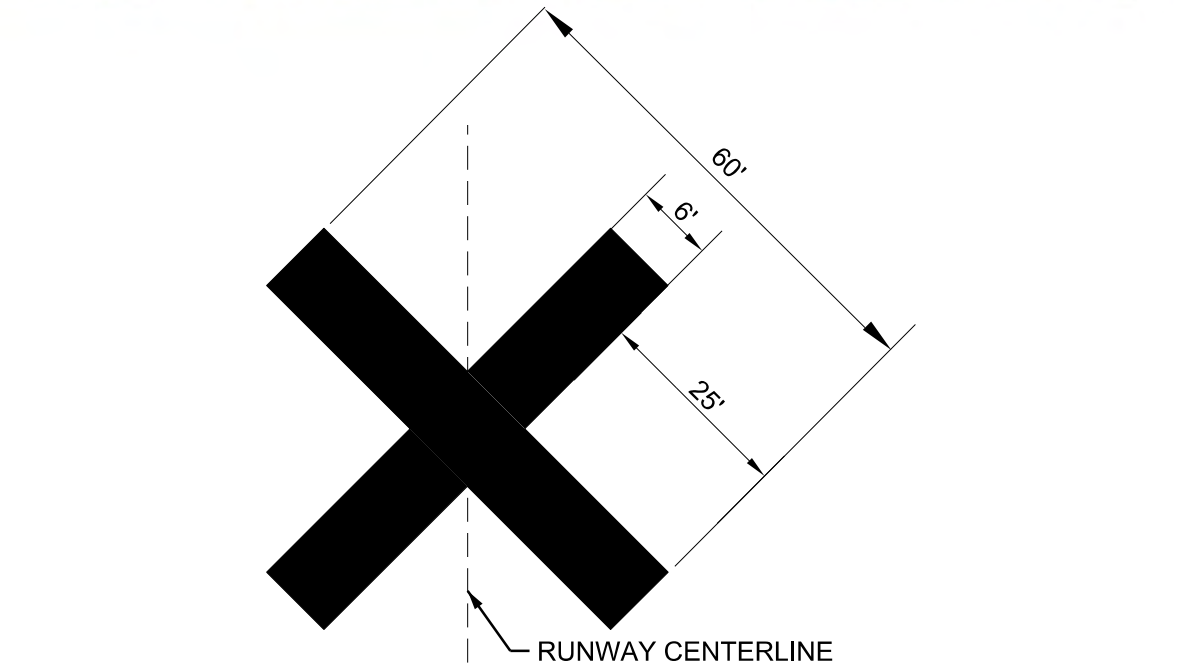


RUNWAY END	A	B	C
2	75'	716.50'	20
20	75'	708.30'	34

SAFETY AREA DIMENSIONS

PAVEMENT	SAFETY AREA WIDTH*
R/W 2-20	150'

*ALL DISTANCES ARE CENTERED ABOUT THE CENTERLINE OF THE AREA LISTED.



- NOTES:**
- CONTRACTOR SHALL BE REQUIRED TO PROVIDE AND MAINTAIN TEMPORARY RUNWAY CLOSURE MARKERS.
 - THE TEMPORARILY CLOSED RUNWAY MARKINGS SHALL BE AVIATION YELLOW AND MAY BE CONSTRUCTED OF MATERIAL SUCH AS FABRIC OR PLYWOOD.
 - PLACE MARKINGS AS SHOWN ON THIS SHEET. THE LOCATION OF THE TEMPORARY CLOSED RUNWAY MARKERS SHALL BE PLACED ON THE RUNWAY CENTERLINE.
 - FOR RUNWAYS THAT HAVE BEEN TEMPORARILY CLOSED, PLACE MARKER AT EACH END OF THE RUNWAY DIRECTLY ON OR AS NEAR AS PRACTICABLE TO THE RUNWAY DESIGNATION NUMBERS.
 - FOR A MULTIPLE RUNWAY ENVIRONMENT, IF THE CLOSURE MARKER ON A DESIGNATED NUMBER WILL BE LOCATED IN THE RSA OF AN ADJACENT ACTIVE RUNWAY, LOCATE THE MARKER FARTHER DOWN THE CLOSED RUNWAY TO CLEAR THE RSA OF THE ACTIVE RUNWAY.

1 RUNWAY CLOSURE MARKER
C2.01 SCALE: N.T.S.

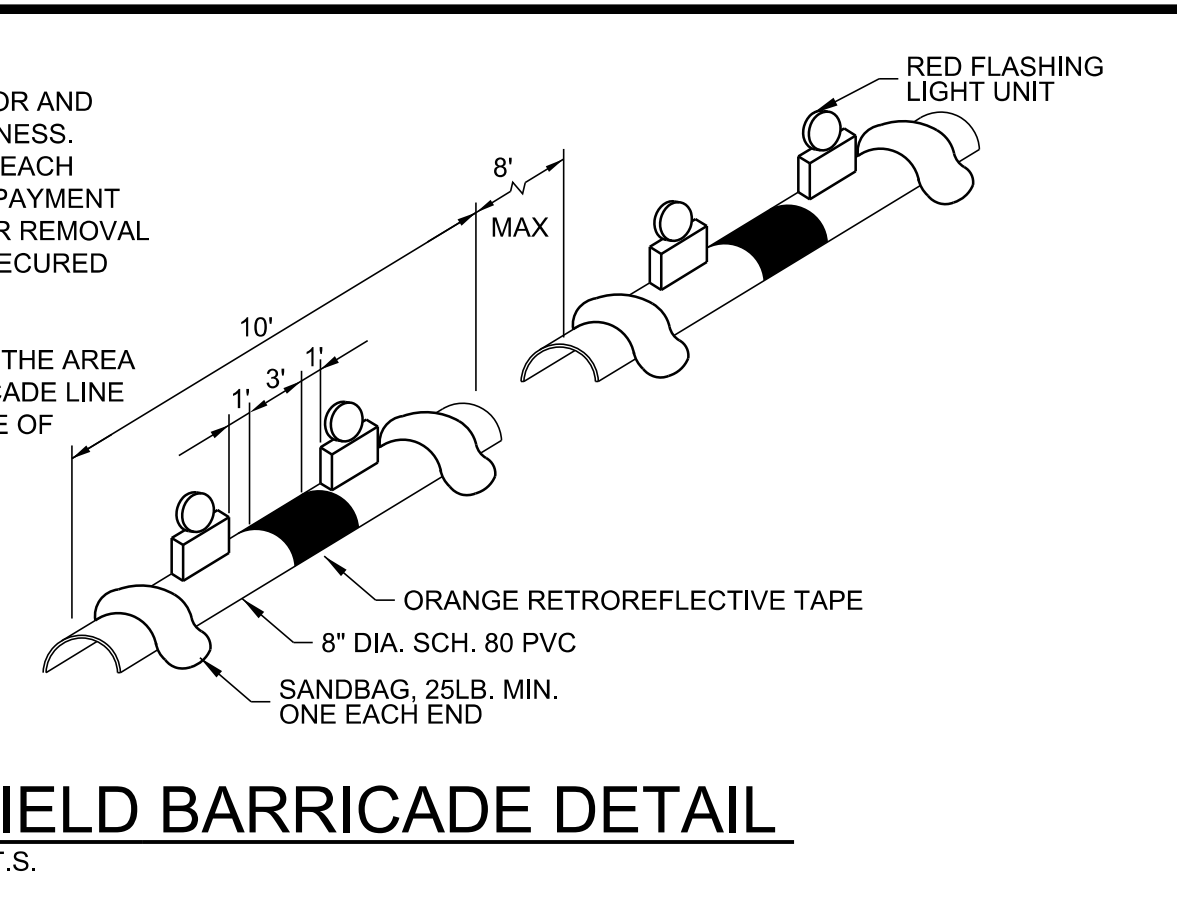
AIRCRAFT CONTACT INFORMATION:
KENT STEWMON
1877 FRANKLIN PIKE, LEWISBURG, TN 37091
(931) 359-1544

LOCAL EMERGENCY PHONE NUMBERS:
EMERGENCY: 911

LEWISBURG POLICE DEPARTMENT:
(931) 359-4044

LEWISBURG FIRE DEPARTMENT:
(931) 359-4544

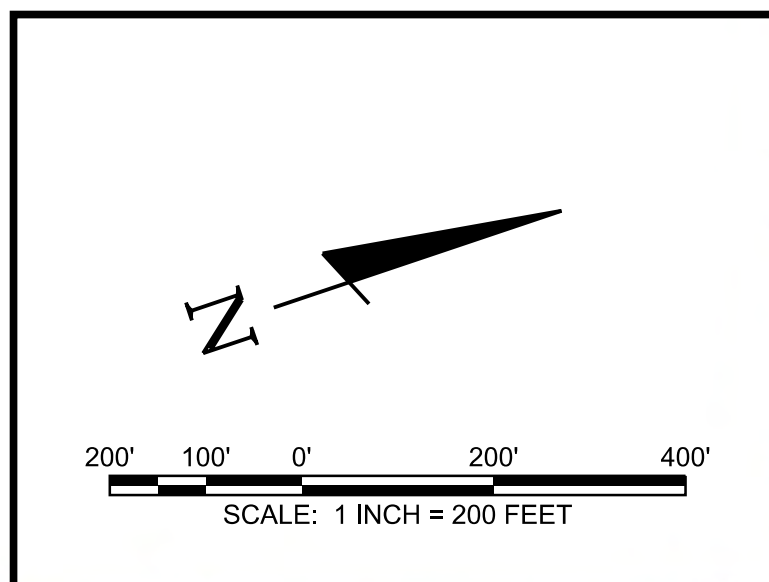
LIQUIDATED DAMAGES:
\$1,000 PER CALENDAR DAY



2 AIRFIELD BARRICADE DETAIL
C2.01 SCALE: N.T.S.

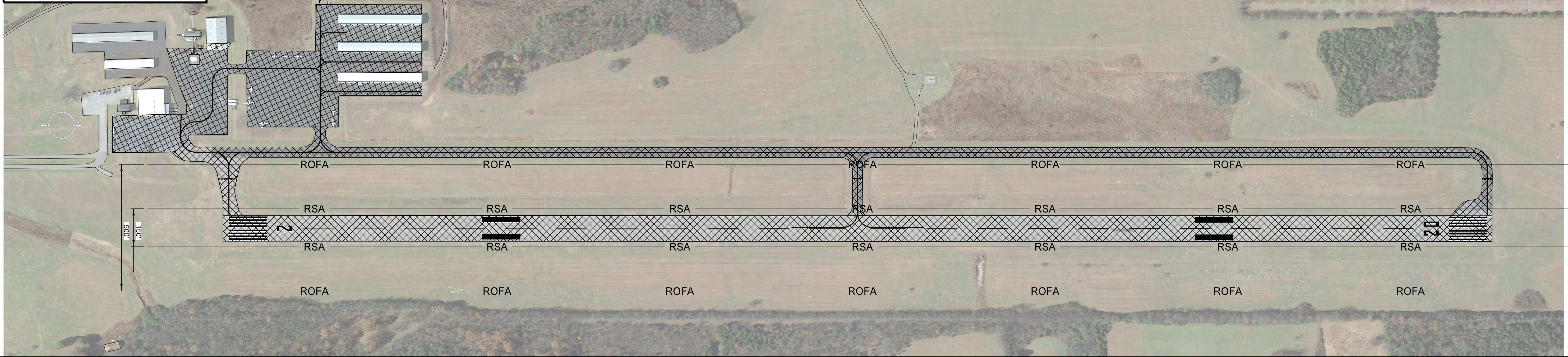
CONSTRUCTION SAFETY & PHASING PLAN (CSPP)
AIRFIELD PAVEMENT AND MARKING MAINTENANCE
ELLINGTON AIRPORT, KLUG
LEWISBURG, TENNESSEE

REV.	DR.	DATE	DESCRIPTION
JDS	BCN	01-22-2021	ISSUED FOR BID



THIS AREA CAN RECEIVE EITHER P-608 OR P-623.
P-623 SHALL BE BID AS AN ALTERNATE.

LEGEND	
	CRACK REPAIR, SEAL COAT, REMARKING ON RUNWAY/TAXIWAY
	CRACK REPAIR, SEAL COAT, REMARKING ON APRONS & TAXILANES
— ROFA —	RUNWAY OBJECT FREE AREA
— RSA —	RUNWAY SAFETY AREA



SCHEDULE OF QUANTITIES

ITEM	BASE BID	QUANTITY	UNIT
C-100	CONTRACTOR QUALITY CONTROL PROGRAM (CQCP)	1	LS
C-105	MOBILIZATION	1	LS
P-101-5.1	CRACK REPAIR (TYPE I)	82,206	LF
P-101-5.2	CRACK REPAIR (TYPE II)	1,829	LF
P-101-5.3	AIRFIELD PAVEMENT MARKING REMOVAL	66,851	SF
P-608-8.1	EMULSIFIED ASPHALT SEAL COAT (FOR RUNWAY & TAXIWAY)	85,617	SY
P-608-8.1	EMULSIFIED ASPHALT SEAL COAT (FOR APRONS & TAXILANES)	34,383	SY
P-620-5.1	TEMPORARY WHITE PAINT	32,000	SF
P-620-5.2	TEMPORARY YELLOW PAINT	5,200	SF
P-620-5.3	WHITE PAINT WITH REFLECTIVE MEDIA	32,000	SF
P-620-5.4	YELLOW PAINT WITH REFLECTIVE MEDIA	5,200	SF
P-620-5.5	BLACK PAINT	1,085	SF
ITEM	BID ALTERNATE No. 1	QUANTITY	UNIT
P-623-6.1	PAVEMENT FRICTION SEALCOAT SURFACE TREATMENT (FOR APRONS & TAXILANES ONLY - P-608 ALTERNATE)	34,383	SY

CONSTRUCTION PHASING PLAN

- PHASE I. CONTRACTOR TO PLACE AIRFIELD BARRICADES AT APPROVED LOCATIONS.
a) IT SHALL BE MANDATED THAT THE AIRPORT SHOULD RECEIVE 48 HOUR NOTICE PRIOR TO EACH PHASE OF WORK COMMENCING.
- PHASE II. CRACK REPAIR (TYPE I/II CRACKS)
a) SEE QUANTITIES (LF).
b) MARKING REMOVAL (SF) MAY COMMENCE DURING PHASE II.
- PHASE III. SEAL COAT
a) SEE QUANTITIES (GAL).
- PHASE IV. REMARKING
a) SEE QUANTITIES (SF).



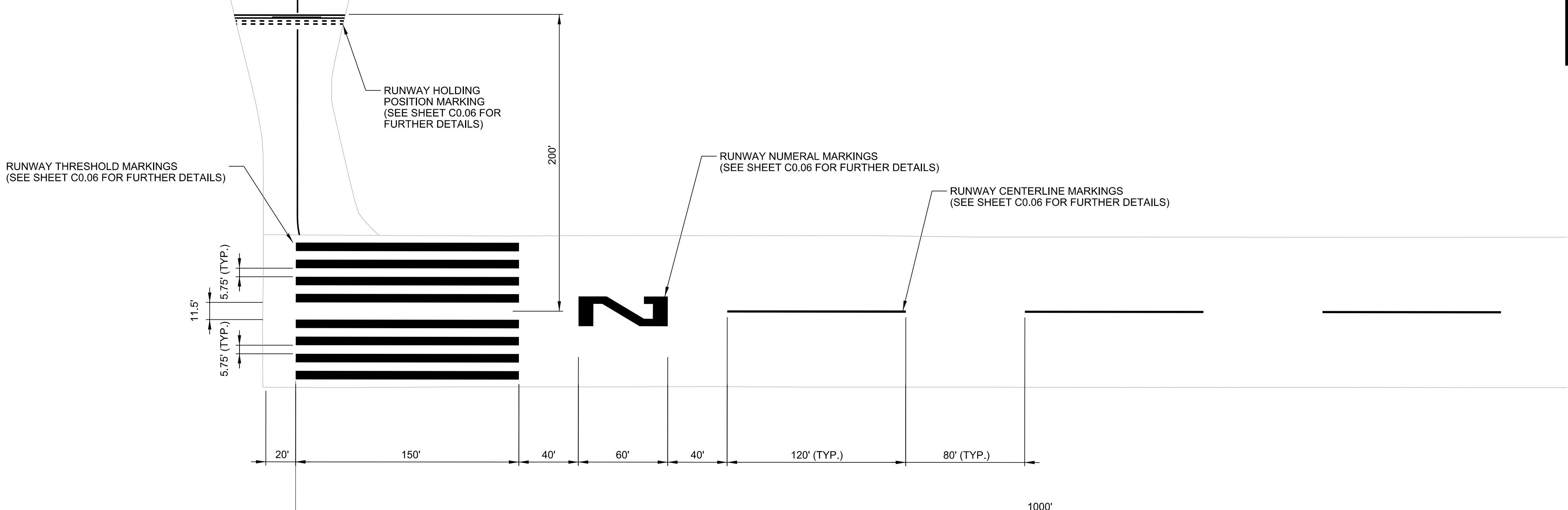
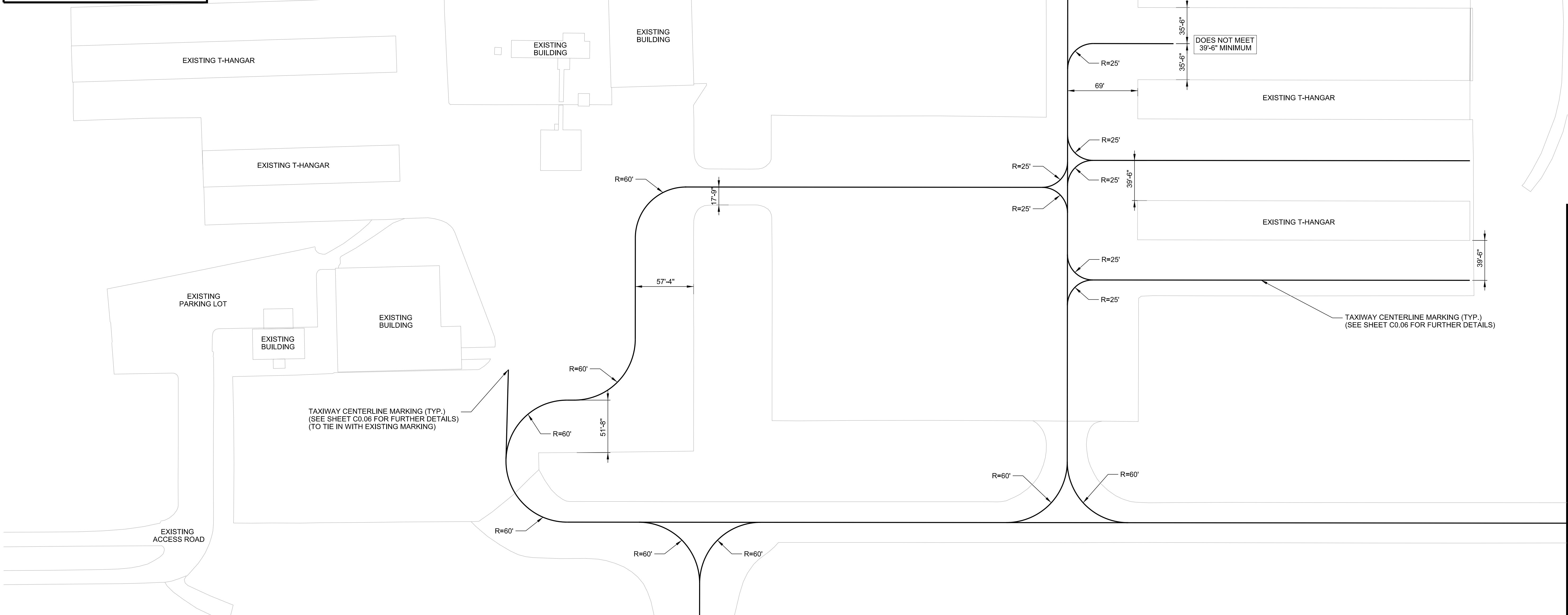
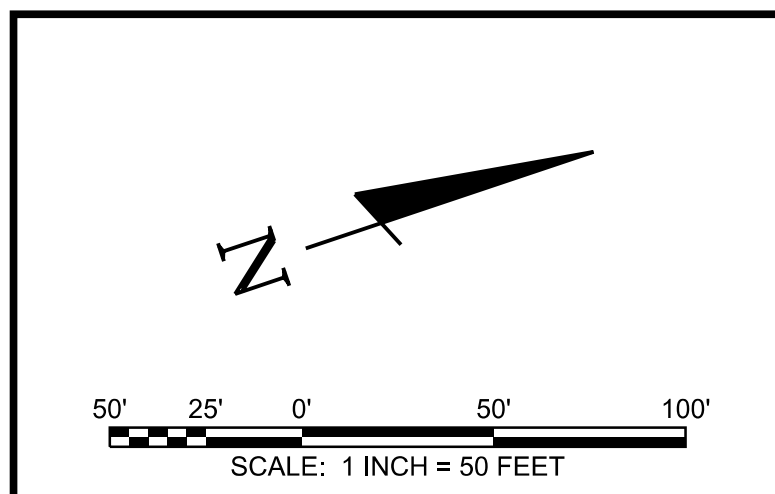
OVERALL SITE LAYOUT PLAN
AIRFIELD PAVEMENT AND MARKING MAINTENANCE
ELLINGTON AIRPORT, KLUG
 LEWISBURG, TENNESSEE

REV.	OR.	CHK.	DATE	DESCRIPTION
JDS	BCM	JAC	01/22/2021	ISSUED FOR BID

C2.02

FILE NO. 36821-04

1/21/2021 1:26:59 PM \$ INSTR\$ \$USER\$ \$TBL\$



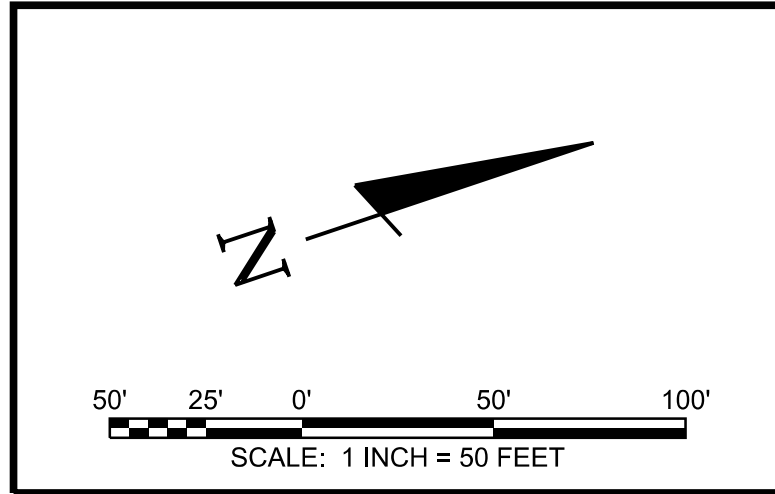
- NOTES:
1. ALL YELLOW AND WHITE MARKINGS SHALL BE REFLECTIVE. (REFER TO SPECIFICATIONS P-620-3.6, TABLE 1, FOR THE APPLICATION RATES.)
 2. ALL MARKING PAINT SHALL CONTAIN AN TDOT APPROVED MICROBICIDE.
 3. THE SURFACE SHALL BE COMPLETELY DRY PRIOR TO STARTING THE MARKING OPERATIONS.
 4. THE MARKINGS AND REFLECTIVE MEDIA SHALL BE PLACED AT THE SPECIFIED RATES AS INDICATED IN SPECIFICATION P-620. THE REFLECTIVE MEDIA SHALL BE PLACED WITH A MECHANICAL SPREADER ONLY. NO HAND APPLICATION OF BEADS WILL BE ALLOWED.
 5. EXISTING TAXIWAY CENTERLINE MARKINGS ON CONCRETE PAVEMENT AND WITHIN THE RSA SHALL BE REMOVED AND REPLACED IN THE APPROPRIATE LOCATION SHOWN ON THE PLANS.
 6. PAVEMENT MARKINGS SHALL BE SUBJECT TO A NIGHT TIME INSPECTION.
 7. REFLECTIVITY SHALL BE INSPECTED WITH A REFLECTOMETER ACCORDING TO SPECIFICATION P-620 IN THE PROJECT MANUAL.
 8. THE LOCATION OF THE MARKINGS ARE APPROXIMATE AND NOT SURVEY VERIFIED. THE PROPOSED MARKINGS ARE LAID OUT IN ACCORDANCE WITH FAA SPECIFICATIONS. SHOULD THE EXISTING CONDITIONS NOT MATCH WHAT IS SHOWN ON THE PLANS, THEN THE CONTRACTOR SHALL BE PREPARED TO COORDINATE WITH THE ENGINEER AND RPR FOR THE FINAL LAYOUT OF THE MARKINGS PRIOR TO APPLICATION.



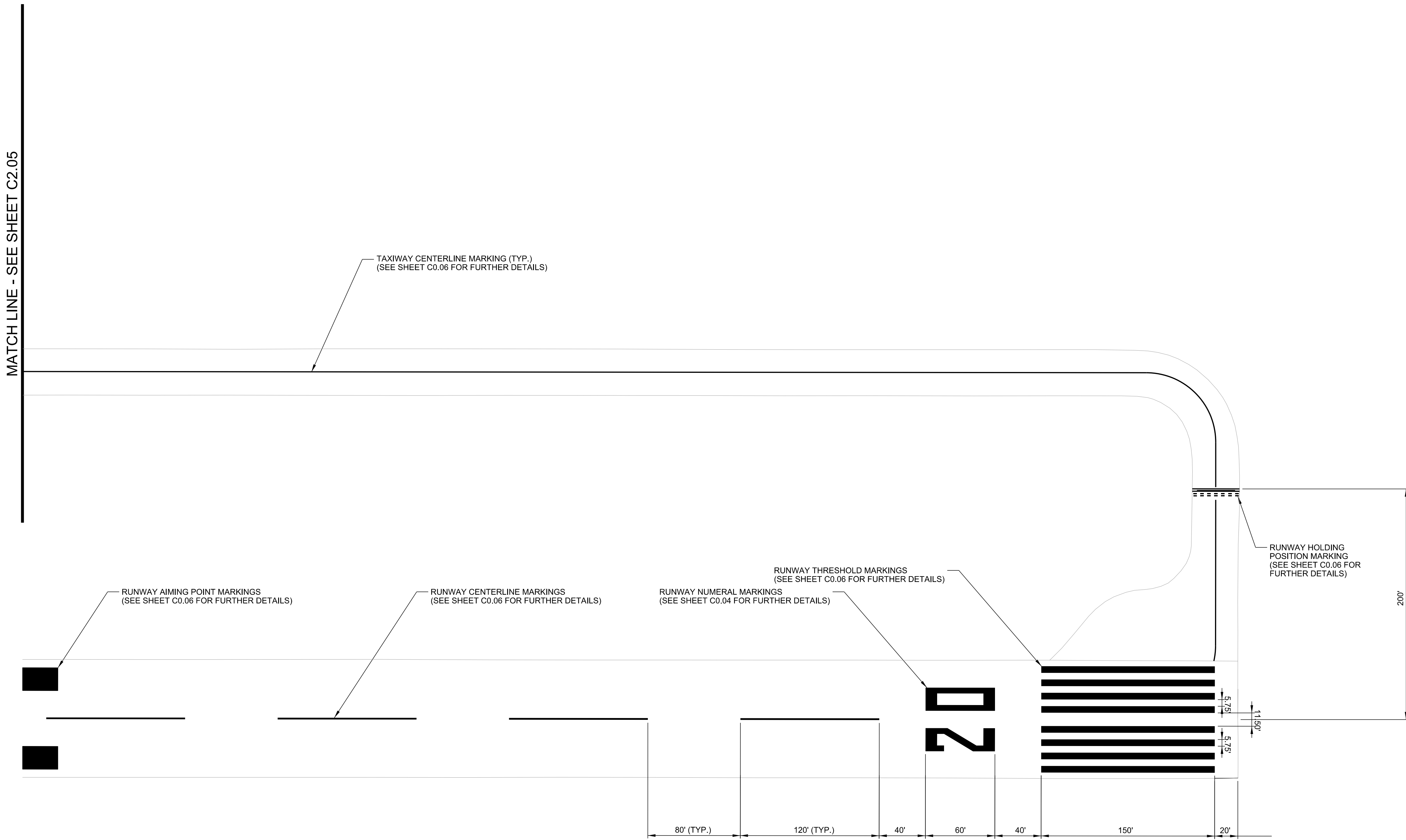
AIRFIELD MARKING PLAN
AIRFIELD PAVEMENT AND MARKING MAINTENANCE
ELLINGTON AIRPORT, KLUG
LEWISBURG, TENNESSEE

REVISION INFORMATION	
REV.	DESCRIPTION
CHK. DATE	ISSUED FOR BID
JAC. 01/22/2021	
DR. BOM	
JDS	

1/19/2021 11:20:57 AM
\$INSTR\$
\$USER\$
\$TBL\$



- NOTES:
1. ALL YELLOW AND WHITE MARKINGS SHALL BE REFLECTIVE. (REFER TO SPECIFICATIONS P-620-3.6, TABLE 1, FOR THE APPLICATION RATES.)
 2. ALL MARKING PAINT SHALL CONTAIN AN TDOT APPROVED MICROBICIDE.
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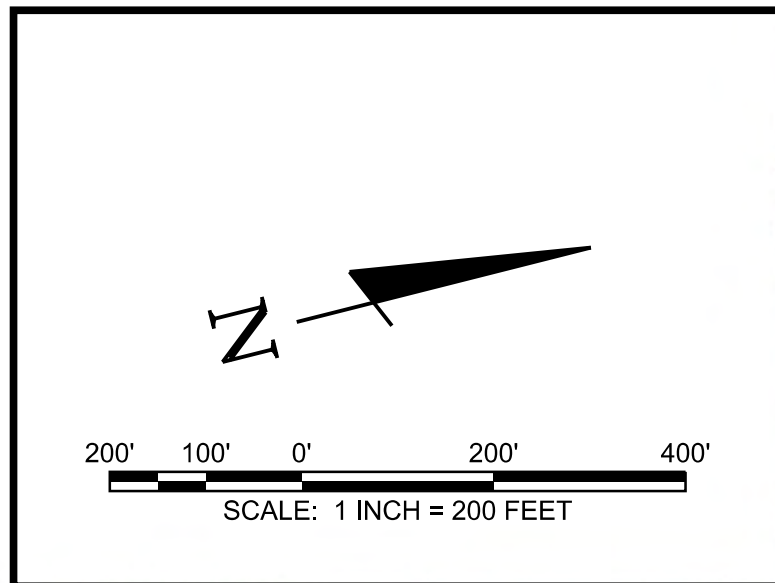
AIRFIELD MARKING PLAN
AIRFIELD PAVEMENT AND MARKING MAINTENANCE
ELLINGTON AIRPORT, KLUG
LEWISBURG, TENNESSEE

REVISION INFORMATION	
REV.	DESCRIPTION
1	ISSUED FOR BID

C2.06

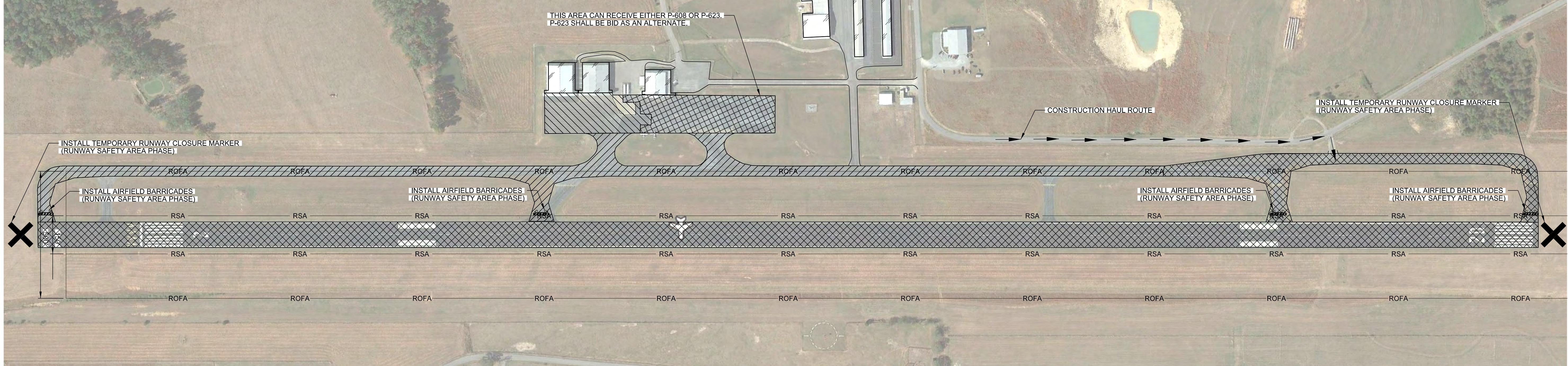
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LEGEND

	CONSTRUCTION HAUL ROUTE		CRACK REPAIR, SEAL COAT, REMARK ON RUNWAY & TAXIWAYS
	ROFA - RUNWAY OBJECT FREE AREA		SEAL COAT, REMARKING FOR TAXILANES & APRONS
	RSA - RUNWAY SAFETY AREA		SEAL COAT, REMARKING FOR TAXIWAYS & APRONS
	CRACK REPAIR ONLY		



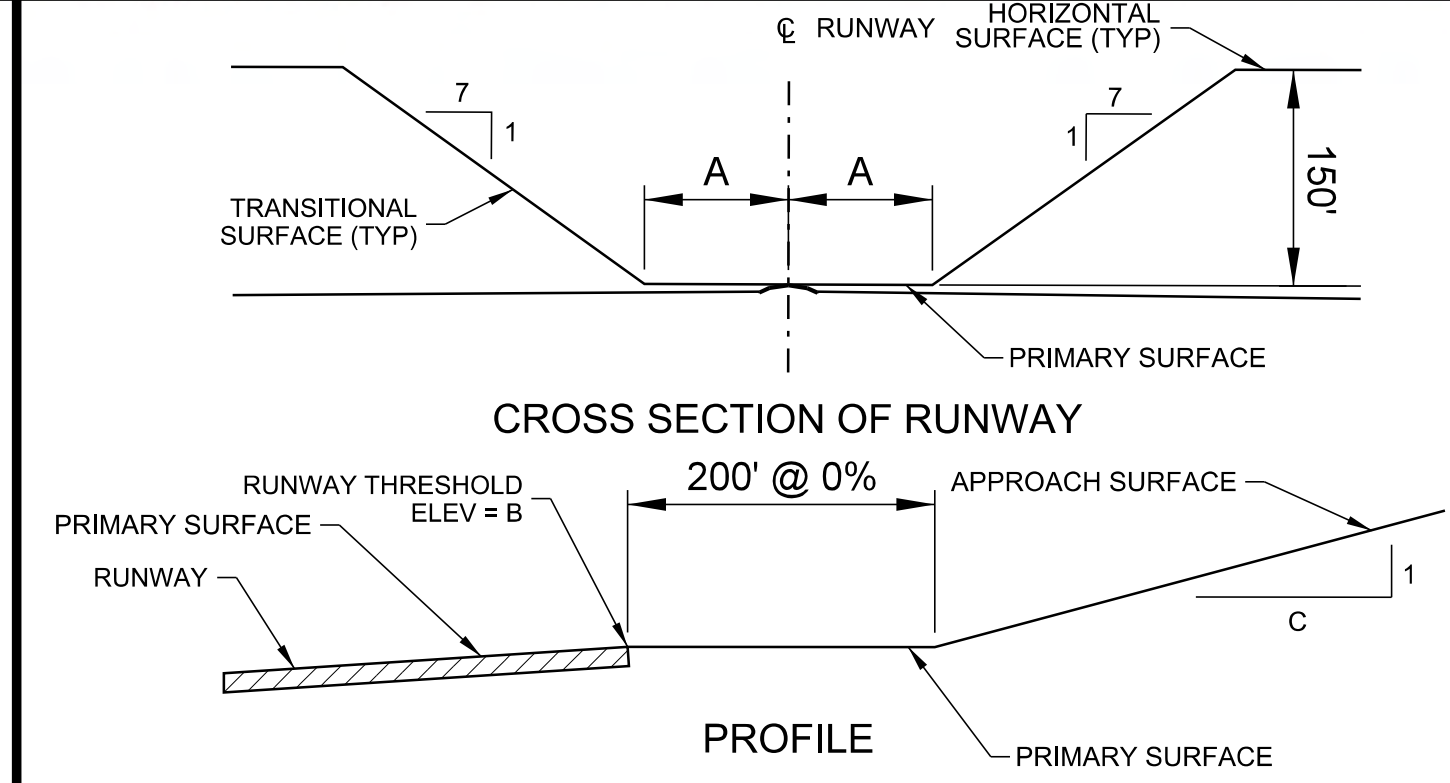
BARGE
DESIGN SOLUTIONS

615 3rd Avenue South, Suite 300 | Nashville, Tennessee 37210
PHONE (615) 254-1500 / FAX (615) 255-5872



CONSTRUCTION SAFETY NOTES

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER AND THE OWNER NOT LESS THAN TWO (2) DAYS PRIOR TO ENTERING THE CONSTRUCTION SITE FOR ANY PURPOSE SO THAT THEY MAY PUBLISH "NOTICES TO AIRMAN" OF THE CONSTRUCTION ACTIVITIES.
- SUFFICIENT SWEEPERS AND CLEAN UP EQUIPMENT SHALL BE PROVIDED IN ORDER THAT ALL LOOSE MATERIAL, DEBRIS AND MUD CAN BE REMOVED FROM ALL AIRPORT OPERATIONS AREAS ON A CONTINUOUS BASIS.
- NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR RADIOS, CONSTRUCTION OF AND MAINTENANCE OF HAUL ROUTES AND CONSTRUCTION ENTRANCE, ETC. AS INCLUDED IN THESE NOTES. ALL COSTS ASSOCIATED WITH THESE ITEMS MUST BE INCLUDED IN THE CONTRACT BID PRICES WHICH WOULD MOST LIKELY INCLUDE THEM.
- THE CONTRACTOR AND PERSONNEL SHALL NOT, AT ANY TIME, BE ON THE RUNWAY OR TAXIWAYS UNLESS THE AIRPORT MANAGER GIVES PRIOR APPROVAL.
- THE CONTRACTOR SHALL TAKE EXTREME CAUTION AROUND ALL EXISTING AIRPORT EQUIPMENT.
- THE CONSTRUCTION ENTRANCE, STAGING AREA, EMPLOYEE PARKING, STOCKPILE AREA, WASTE AREA AND BORROW AREA SHALL BE COORDINATED WITH THE AIRPORT MANAGER.
- THE CONTRACTOR SHALL HAVE A MAN ON 24-HOUR CALL FOR EMERGENCY MAINTENANCE OF AIRPORT HAZARD LIGHTING AND BARRICADES AND OTHER EMERGENCIES WHICH MAY ARISE AS A RESULT OF THIS WORK.
- THE CONTRACTOR'S PERSONNEL AND EQUIPMENT SHALL NOT BE PERMITTED OUTSIDE THE CONSTRUCTION WORK LIMITS WITHOUT BEING ESCORTED BY THE OWNER APPROVED ESCORT.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW THE SAFETY PROVISIONS INCORPORATED IN THE FOLLOWING FEDERAL AVIATION ADMINISTRATION (FAA) DOCUMENTS, WHICH ARE AVAILABLE FOR REVIEW BY DOWNLOADING THE DOCUMENTS ON-LINE AT [HTTP://WWW.FAA.GOV](http://www.faa.gov):
 - 9.1 ADVISORY CIRCULAR NUMBER 150/5370-10H, "STANDARDS FOR SPECIFYING CONSTRUCTION OF AIRPORTS"
 - 9.2 ADVISORY CIRCULAR NUMBER 150/5370-2G, "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION"
 - 9.3 ADVISORY CIRCULAR NUMBER 150/5210-5D, "PAINTING, MARKING, AND LIGHTING OF VEHICLES USED ON AN AIRPORT"
- THE CONTRACTOR SHALL BE REQUIRED TO MINIMIZE DUST CREATED BY CONSTRUCTION ACTIVITIES USING WATER OR OTHER DEVICES. ANY COST ASSOCIATED WITH DUST CONTROL SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT. IN THE EVENT DUST WHICH IS CREATED BY CONSTRUCTION ACTIVITIES BECOMES A HAZARD TO AIRFIELD OPERATIONS AND/OR AIRCRAFT NAVIGATION CONSTRUCTION ACTIVITIES WILL BE SHUT DOWN. THIS SHUTDOWN TIME WILL NOT BE A BASIS FOR CLAIMS FOR ADDITIONAL CONTRACT TIME OR COMPENSATION.
- AIRCRAFT OPERATIONS SHALL AT ALL TIMES HAVE PRIORITY OVER ALL VEHICLES, EQUIPMENT AND PERSONNEL. THE CONTRACTOR SHALL EMPLOY STRICT MEASURES TO PREVENT ANY CONFLICT BETWEEN HIS PERSONNEL AND AIRCRAFT ON ANY ACTIVE AIRFIELD PAVEMENT. THE CONTRACTOR SHALL REMAIN CLEAR OF ACTIVE RUNWAYS AND TAXIWAYS.
- ALL CONTRACTOR VEHICLES, INCLUDING HAULING VEHICLES, THAT ARE AUTHORIZED TO OPERATE ON THE AIRPORT WITHIN THE DESIGNATED LIMITS OF CONSTRUCTION OR HAUL ROUTES AS DEFINED HEREIN, SHALL DISPLAY IN FULL VIEW ABOVE THE VEHICLE A 3'X3' OR LARGER ORANGE AND WHITE CHECKERBOARD FLAG. EACH CHECKERBOARD COLOR BEING 1" SQUARE. WHEN OPERATING DURING PERIODS OF DARKNESS OR LIMITED VISIBILITY, CONTRACTOR'S VEHICLE SHALL BE EQUIPPED WITH ROTATING OR FLASHING AMBER LIGHTS. DURING SUCH PERIODS, HAULING VEHICLES NOT SO EQUIPPED SHALL BE ESCORTED BY A VEHICLE SO EQUIPPED.
- CONTRACTOR SHALL CONTROL THE ON-AIRPORT MOVEMENT AND ACTIVITIES OF ITS EMPLOYEES AND SUBCONTRACTORS.
- OPEN-FLAME WELDING OR TORCH-CUTTING OPERATIONS ARE PROHIBITED UNLESS ADEQUATE FIRE AND SAFETY PRECAUTIONS HAVE BEEN APPROVED BY THE OWNER.
- OPEN TRENCHES, EXCAVATIONS AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHALL BE PROMINENTLY MARKED WITH ORANGE FLAGS AND LIGHTED WITH FLASHING AMBER LIGHT UNITS (ACCEPTABLE TO THE OWNER) DURING HOURS OF RESTRICTED VISIBILITY OR DARKNESS.
- STOCKPILED MATERIAL SHALL BE CONSTRAINED IN A MANNER TO PREVENT MOVEMENT AS A RESULT OF AIRCRAFT OR WIND.
- ANY DAMAGE TO THE EXISTING AIRPORT LIGHTING SYSTEM CAUSED BY CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY NOTED TO THE OWNER AND REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE AND TO THE OWNER'S SPECIFICATIONS.
- DEBRIS, WASTE AND LOOSE MATERIAL, CAPABLE OF CAUSING DAMAGE TO AIRCRAFT LANDING GEAR, PROPELLERS AND ROTORS, OR OF BEING INGESTED BY JET ENGINES SHALL NOT BE LEFT ON ACTIVE AIRCRAFT MOVEMENT AREAS. MATERIAL DROPPED WITHIN THESE AREAS SHALL BE REMOVED CONTINUOUSLY DURING WORKING HOURS.
- THE CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY REFLECTORIZED SIGNS TO CLEARLY MARK THE DESIGNATED ACCESS ROUTES TO AFFECTED AREAS OF AIRPORT PROPERTY. CONTRACTOR SHALL CONTROL ACCESS TO THE WORKING AREA BY CONSTRUCTION VEHICLES AS DELINEATED ON THIS PLAN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INFORMING ALL PERSONS UNDER THEIR CONTROL THAT UNAUTHORIZED CONSTRUCTION PERSONNEL FOUND IN RESTRICTED AREAS OF THE AIRPORT SHOWN ON THE SAFETY PLAN ARE SUBJECT TO ARREST FOR A PUNISHABLE FEDERAL OFFENSE AND WILL PROMPTLY AND PERMANENTLY BE REMOVED FROM THE JOB.
- THE CONTRACTOR SHALL PROVIDE APPROVED FLAGMAN TO CONTROL ALL CONSTRUCTION TRAFFIC AND APPROVED GATE GUARD TO CONTROL ALL CONSTRUCTION TRAFFIC ENTERING AIRPORT TO PREVENT CONFLICTS WITH AIRCRAFT OPERATIONS.
- CONTRACTOR SHALL CONTROL AND ESCORT ALL CONSTRUCTION TRAFFIC ENTERING AIRPORT TO PREVENT CONFLICTS WITH AIRCRAFT OPERATIONS.
- SPECIAL ACCESS REQUIREMENTS AND OPERATING LIMITATIONS ARE REQUIRED INSIDE THE SECURITY FENCE. THE CONTRACTOR SHALL DELINEATE WORK LIMITS WITHIN THESE AREAS USING STAKES WITH FLAGGING AS NOTED. CONFINE ALL CONTRACTOR'S PERSONNEL, EQUIPMENT AND MATERIALS INSIDE THE OWNER'S APPROVED WORK LIMITS.
- THE CONTRACTOR SHALL PERFORM CONSTRUCTION OPERATIONS AS NECESSARY TO MINIMIZE ATTRACTION TO BIRDS CAUSED BY PONDED WATER AND GRASS SEED.
- THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN FLASHING LIGHTS AND BARRICADES ALONG AIRCRAFT APRON EDGES OR WHERE TEMPORARY PAVEMENT CLOSURES OR AIRCRAFT LIMITATIONS ARE REQUIRED. BARRICADES SHALL BE SPACED NO MORE THAN 8 FEET END TO END OR AS NOTED ALONG THE AFFECTED PAVEMENT EDGE OR ACROSS THE PAVEMENT OF A CLOSED TAXIWAY. THE CONTRACTOR SHALL DAILY MAINTAIN THE LIGHTS AND BARRICADES IN AN OPERABLE CONDITION FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL FURNISH THE OWNER A CONTACT NUMBER FOR 24-HOUR MAINTENANCE OF LIGHTS AND BARRICADES. THE COST FOR BARRICADES AND LIGHTS SHALL BE INCIDENTAL TO THE PROJECT.
- NO CONSTRUCTION TRAFFIC SHALL ENTER OR CROSS ANY ACTIVE AIRPORT OPERATIONAL AREA EXCEPT UPON AUTHORIZATION BY THE OWNER.
- REFER TO THE GENERAL NOTES FOR REQUIREMENTS PERTAINING TO STORAGE OF CONSTRUCTION EQUIPMENT AND MATERIALS WHEN NOT IN USE.
- THE CONTRACTOR SHALL COMPLY WITH ALL SECURITY REQUIREMENTS SPECIFIED HEREIN. THE CONTRACTOR SHALL DESIGNATE IN WRITING TO THE OWNER THE NAME OF ITS "CONTRACTOR SECURITY OFFICER". THE CONTRACTOR SECURITY OFFICER SHALL REPRESENT THE CONTRACTOR ON THE SECURITY REQUIREMENTS OF THE CONTRACT.
- THE CONTRACTOR'S SECURITY OFFICER SHALL BE RESPONSIBLE FOR BRIEFING ALL CONTRACTOR PERSONNEL ON THESE REQUIREMENTS. CONTRACTOR EMPLOYEES SHALL ATTEND THE OWNER'S SECURITY TRAINING SESSION AND SHALL BE BRIEFED ON THESE REQUIREMENTS PRIOR TO WORKING IN THE CONSTRUCTION AREAS.
- THE CONTRACTOR SHALL ACQUAINT THEIR SUPERVISORS AND EMPLOYEES WITH THE AIRPORT ACTIVITIES AND OPERATIONS THAT ARE INHERENT AT THIS AIRPORT AND SHALL CONDUCT THEIR CONSTRUCTION ACTIVITIES TO CONFORM TO ALL ROUTINE AND EMERGENCY AIR TRAFFIC REQUIREMENTS AND TO THE GUIDELINES ON SAFETY.
- CONTRACTOR TO FIELD VERIFY AND PROTECT ALL EXISTING UTILITIES BEFORE CONSTRUCTION WORK BEGINS.
- ALL LOCATIONS USED FOR HAUL ROUTES, STAGING AREAS, EMPLOYEE PARKING AND MATERIAL STORAGE SHALL BE CLEANED UP WHEN ALL CONSTRUCTION IS COMPLETED.
- ALL FOREMAN'S SUPERINTENDANT'S VEHICLES SHALL CONTAIN RADIOS CAPABLE OF TRANSMITTING AND RECEIVING THE UNICOM FREQUENCY OF 122.80. NORMAL RADIO COMMUNICATIONS BETWEEN CONTRACTOR PERSONNEL WILL NOT BE ALLOWED ON THE UNICOM FREQUENCY OF 122.80 OR ANY OTHER FAA FREQUENCY. THE CONTRACTOR IS REQUIRED TO MONITOR THE AIRPORT FREQUENCY WHENEVER THEIR FORCES ARE ON AIRPORT PROPERTY, WHETHER OR NOT THE RUNWAY IS OPEN OR CLOSED.
- THE CONTRACTOR IS ENCOURAGED TO DOCUMENT VIA PICTURES AND/OR VIDEO THE PRE-CONSTRUCTION CONDITION OF ALL PAVEMENTS AND STRUCTURES. ANY DAMAGE NOTICED AFTER THE CONTRACTOR'S MOBILIZATION WILL BE ASSUMED TO BE CAUSED BY THE CONTRACTOR AND SHALL BE FULLY REPAIRED AT THE CONTRACTOR'S EXPENSE.
- NO EQUIPMENT WILL BE ALLOWED WITHIN 75' OF THE PRIMARY RUNWAY 2-20 CENTERLINE. NO EQUIPMENT WILL BE PARKED OR STORED WITHIN 250' OF THE PRIMARY RUNWAY 2-20 CENTERLINE.
- NO EQUIPMENT WILL BE ALLOWED WITHIN 39.5' OF THE TAXIWAYS CENTERLINE. NO EQUIPMENT WILL BE PARKED OR STORED WITHIN 65.5' OF TAXIWAY ALPHA'S CENTERLINE.
- THE EXISTING AIRPORT PAVEMENTS ARE DESIGNED FOR AIRCRAFT TRAFFIC ONLY, AND MAY NOT SUPPORT LOADED TRUCK OR HEAVY EQUIPMENT. ANY DAMAGE RESULTING FROM THE CONTRACTOR'S ACTIONS WILL BE IMMEDIATELY REPAIRED TO FAA STANDARDS AT THE CONTRACTOR'S EXPENSE.



RUNWAY END	A	B	C
2	75'	960.55'	34
20	75'	983.60'	34

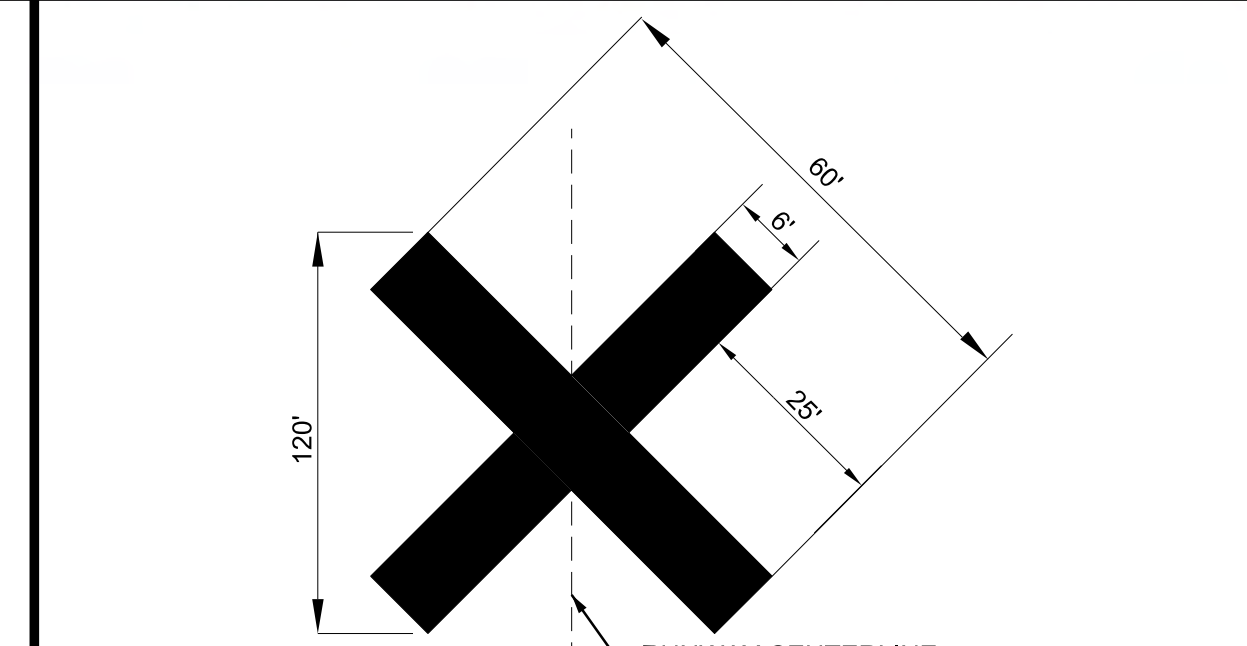
PAVEMENT	SAFETY AREA WIDTH*
R/W 2-20	150'

*ALL DISTANCES ARE CENTERED ABOUT THE CENTERLINE OF THE AREA LISTED.

FAR PART 77 SURFACES
DRAWING NOT TO SCALE

SAFETY AREA DIMENSIONS

NOTE:
THE PART 77 SECTION VIEW IS CENTERED ON THE RUNWAY CENTERLINE AT THE CENTERLINE ELEVATION, AND ON THE EXTENDED RUNWAY CENTERLINE AT THE RUNWAY THRESHOLD ELEVATION TO A POINT 200 FEET BEYOND EACH THRESHOLD. THE SECTION THEN RISES ALONG THE SLOPE INDICATED ON THE PROFILE VIEW.



- NOTES:
- CONTRACTOR SHALL BE REQUIRED TO PROVIDE AND MAINTAIN TEMPORARY RUNWAY CLOSURE MARKERS.
 - THE TEMPORARY CLOSED RUNWAY MARKINGS SHALL BE AVIATION YELLOW AND MAY BE CONSTRUCTED OF MATERIAL SUCH AS FABRIC OR PLYWOOD.
 - PLACE MARKINGS AS SHOWN ON THIS SHEET. THE LOCATION OF THE TEMPORARY CLOSED RUNWAY MARKERS SHALL BE PLACED ON THE RUNWAY CENTERLINE.
 - FOR RUNWAYS THAT HAVE BEEN TEMPORARILY CLOSED, PLACE MARKER AT EACH END OF THE RUNWAY DIRECTLY ON OR AS NEAR AS PRACTICABLE TO THE RUNWAY DESIGNATION NUMBERS.
 - FOR A MULTIPLE RUNWAY ENVIRONMENT, IF THE CLOSURE MARKER ON A DESIGNATED NUMBER WILL BE LOCATED IN THE RSA OF AN ADJACENT ACTIVE RUNWAY, LOCATE THE MARKER FARTHER DOWN THE CLOSED RUNWAY TO CLEAR THE RSA OF THE ACTIVE RUNWAY.

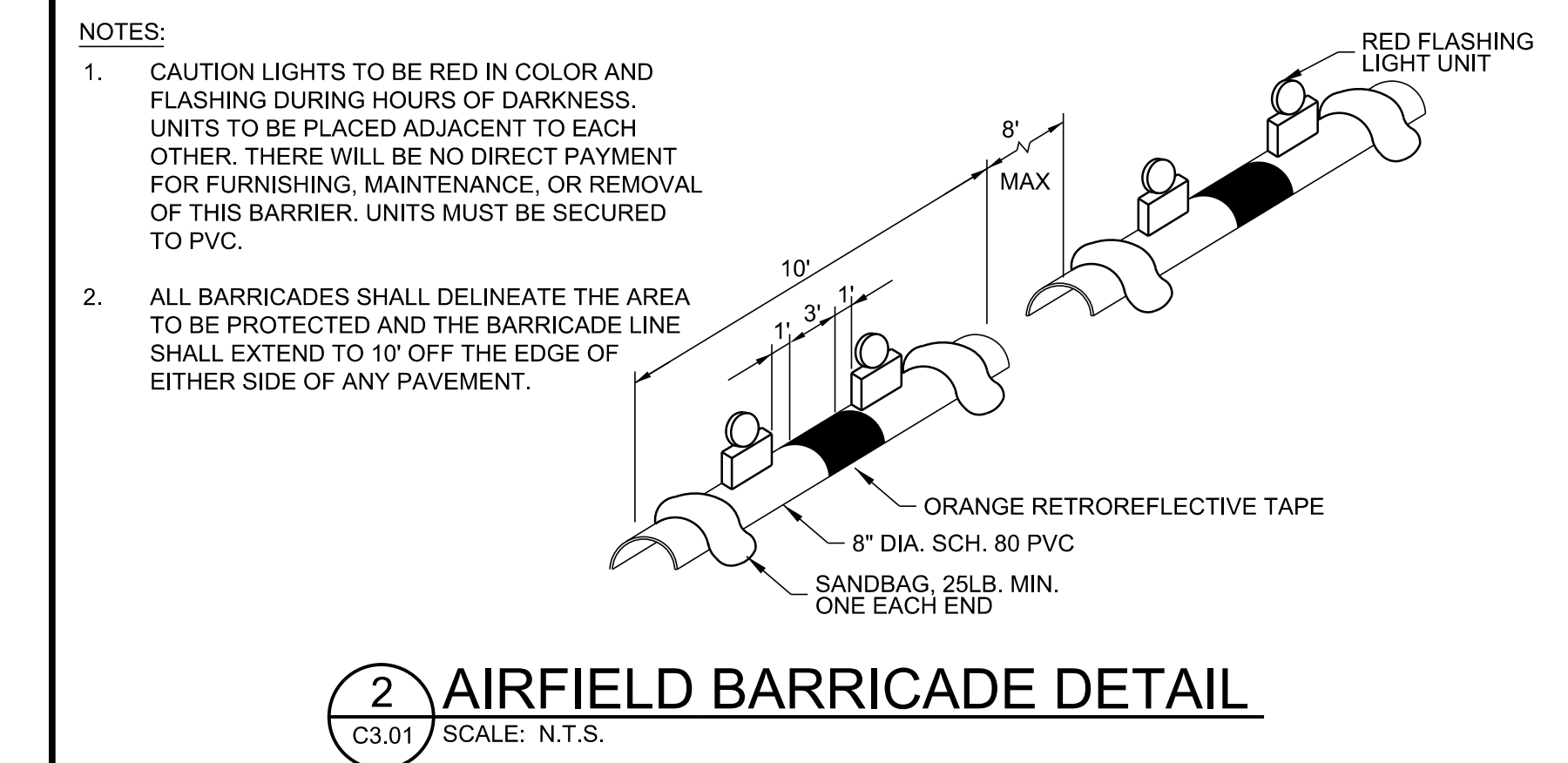
AIRPORT CONTACT INFORMATION:
MARK COBB
37 AIRPORT ROAD, FAYETTEVILLE, TN 37334
(931) 433-1960

LOCAL EMERGENCY PHONE NUMBERS:
EMERGENCY: 911

FAYETTEVILLE POLICE DEPARTMENT:
(931) 438-7771

FAYETTEVILLE FIRE DEPARTMENT:
(931) 438-6154

LIQUIDATED DAMAGES:
\$1,000 PER CALENDAR DAY



CONSTRUCTION SAFETY & PHASING PLAN (CSPP)

AIRFIELD PAVEMENT AND MARKING MAINTENANCE

FAYETTEVILLE MUNICIPAL AIRPORT, KFYM

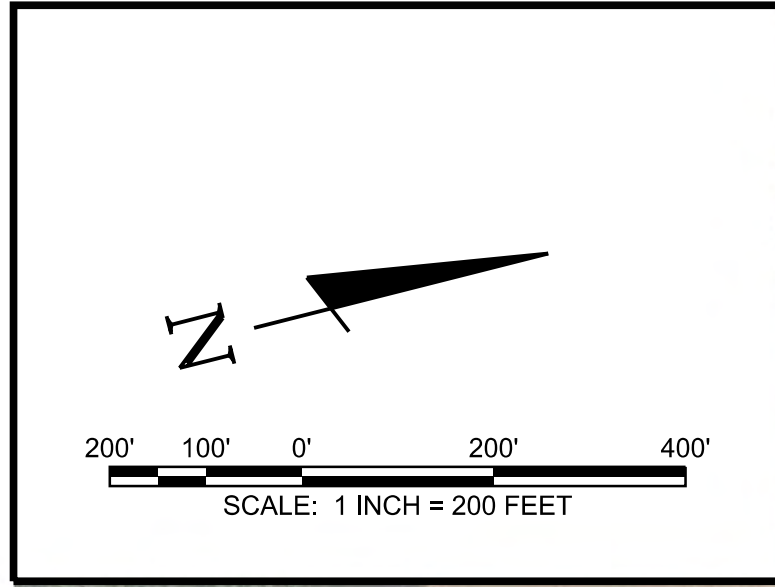
FAYETTEVILLE, TENNESSEE

REV.	OR.	CHK.	DATE	DESCRIPTION	ISSUED FOR
JDS	BCJ	JAC	01/22/2021		ISSUED FOR BID

C3.01

FILE NO. 36821-04

1/19/2021 11:43:14 AM \$ INSTR\$ \$ USER\$ \$ TBL\$



LEGEND			
—ROFA—	RUNWAY OBJECT FREE AREA		CRACK REPAIR ONLY
—RSA—	RUNWAY SAFETY AREA		SEAL COAT, REMARKING ONLY ON APRONS & TAXILANES
	SEAL COAT, REMARKING ONLY ON RUNWAY & TAXIWAYS		SEAL COAT, REMARKING ONLY ON APRONS & TAXILANES
	CRACK REPAIR, SEAL COAT, REMARKING ON RUNWAY & TAXIWAYS		CONCRETE JOINT REPAIR

THIS AREA CAN RECEIVE EITHER P-608 OR P-623
P-623 SHALL BE BID AS AN ALTERNATE.



SCHEDULE OF QUANTITIES

ITEM	BASE BID	QUANTITY	UNIT
C-100	CONTRACTOR QUALITY CONTROL PROGRAM (CQCP)	1	LS
C-105	MOBILIZATION	1	LS
P-101-5.1	CRACK REPAIR (TYPE I)	74,524	LF
P-101-5.3	AIRFIELD PAVEMENT MARKING REMOVAL	71,500	SF
P-605-5.1	JOINT SEALING FILLER	1,220	LF
P-608-8.1	EMULSIFIED ASPHALT SEAL COAT (FOR RUNWAYS & TAXIWAYS)	103,387	SY
P-608-8.1	EMULSIFIED ASPHALT SEAL COAT (FOR APRONS & TAXILANES)	8,813	SY
P-620-5.1	TEMPORARY WHITE PAINT	32,500	SF
P-620-5.2	TEMPORARY YELLOW PAINT	6,000	SF
P-620-5.3	WHITE PAINT WITH REFLECTIVE MEDIA	32,500	SF
P-620-5.4	YELLOW PAINT WITH REFLECTIVE MEDIA	6,000	SF
P-620-5.5	BLACK PAINT	2,475	SF
ITEM	BID ALTERNATE No. 1	QUANTITY	UNIT
P-623-6.1	PAVEMENT FRICTION SEALCOAT SURFACE TREATMENT (FOR APRONS & TAXILANES ONLY - P-608 ALTERNATE)	8,813	SY

CONSTRUCTION PHASING PLAN

- PHASE I. CONTRACTOR TO PLACE AIRFIELD BARRICADES AT APPROVED LOCATIONS.
a) IT SHALL BE MANDATED THAT THE AIRPORT SHOULD RECEIVE 48 HOUR NOTICE PRIOR TO EACH PHASE OF WORK COMMENCING.
- PHASE II. CRACK REPAIR (TYPE I CRACKS)
a) SEE QUANTITIES (LF).
b) MARKING REMOVAL (SF) MAY COMMENCE DURING PHASE II.
- PHASE III. SEAL COAT
a) SEE QUANTITIES (GAL).
- PHASE IV. REMARKING
a) SEE QUANTITIES (SF).



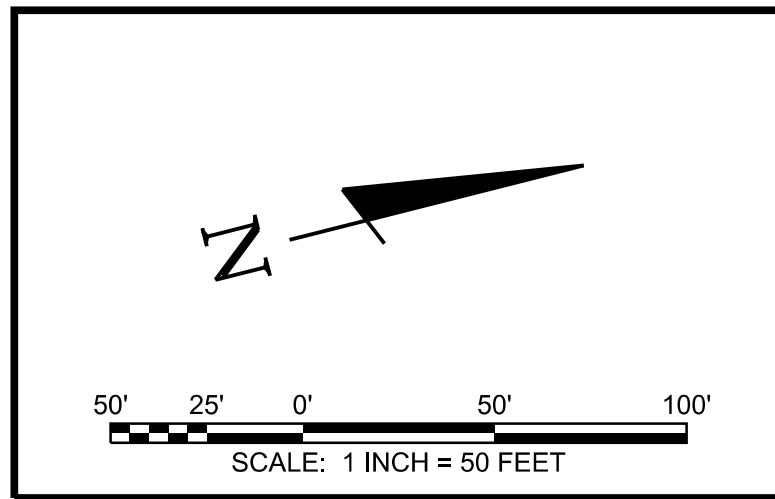
OVERALL SITE LAYOUT PLAN
AIRFIELD PAVEMENT AND MARKING MAINTENANCE
FAYETTEVILLE MUNICIPAL AIRPORT, KFYM
 FAYETTEVILLE, TENNESSEE

REV.	OR.	CHK.	DATE	DESCRIPTION
JDS	BCM	JAC	01/22/2021	ISSUED FOR BID

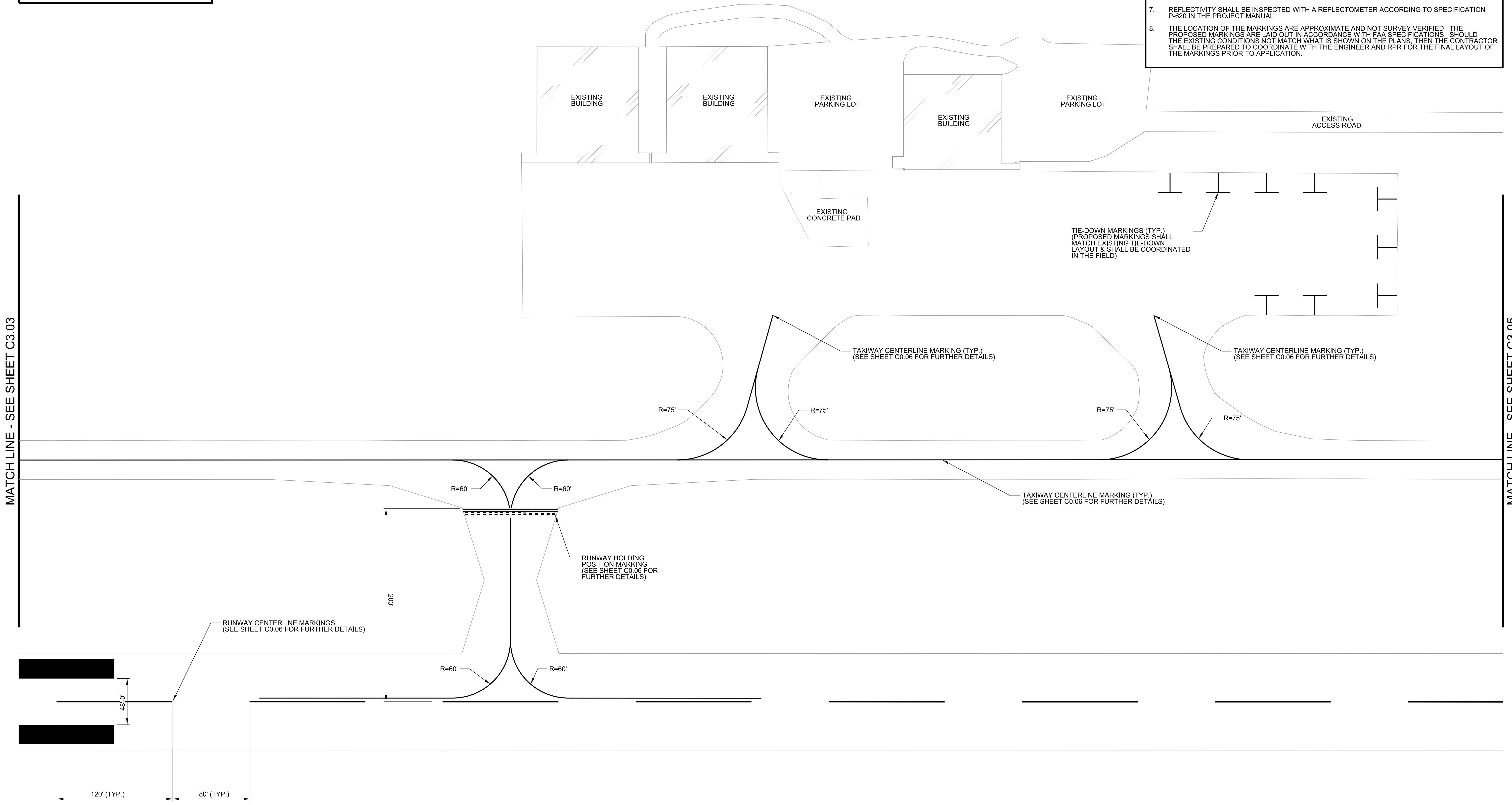
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- NOTES:
1. ALL YELLOW AND WHITE MARKINGS SHALL BE REFLECTIVE. (REFER TO SPECIFICATIONS P-620-3.6, TABLE 1, FOR THE APPLICATION RATES.)
 2. ALL MARKING PAINT SHALL CONTAIN AN TDOT APPROVED MICROBICIDE.
 3. THE SURFACE SHALL BE COMPLETELY DRY PRIOR TO STARTING THE MARKING OPERATIONS.
 4. THE MARKINGS AND REFLECTIVE MEDIA SHALL BE PLACED AT THE SPECIFIED RATES AS INDICATED IN SPECIFICATION P-620. THE REFLECTIVE MEDIA SHALL BE PLACED WITH A MECHANICAL SPREADER ONLY, NO HAND APPLICATION OF BEADS WILL BE ALLOWED.
 5. EXISTING TAXIWAY CENTERLINE MARKINGS ON CONCRETE PAVEMENT AND WITHIN THE RSA SHALL BE REMOVED AND REPLACED IN THE APPROPRIATE LOCATION SHOWN ON THE PLANS.
 6. PAVEMENT MARKINGS SHALL BE SUBJECT TO A NIGHT TIME INSPECTION.
 7. REFLECTIVITY SHALL BE INSPECTED WITH A REFLECTOMETER ACCORDING TO SPECIFICATION P-620 IN THE PROJECT MANUAL.
 8. THE LOCATION OF THE MARKINGS ARE APPROXIMATE AND NOT SURVEY VERIFIED. THE PROPOSED MARKINGS ARE LAID OUT IN ACCORDANCE WITH FAA SPECIFICATIONS. SHOULD THE EXISTING CONDITIONS NOT MATCH WHAT IS SHOWN ON THE PLANS, THEN THE CONTRACTOR SHALL BE PREPARED TO COORDINATE WITH THE ENGINEER AND RPR FOR THE FINAL LAYOUT OF THE MARKINGS PRIOR TO APPLICATION.



AIRFIELD MARKING PLAN

AIRFIELD PAVEMENT AND MARKING MAINTENANCE

FAYETTEVILLE MUNICIPAL AIRPORT, KFYM

FAYETTEVILLE, TENNESSEE

REVISION INFORMATION	
REV.	DESCRIPTION
JDS	ISSUED FOR BID
JAC	01/22/2021

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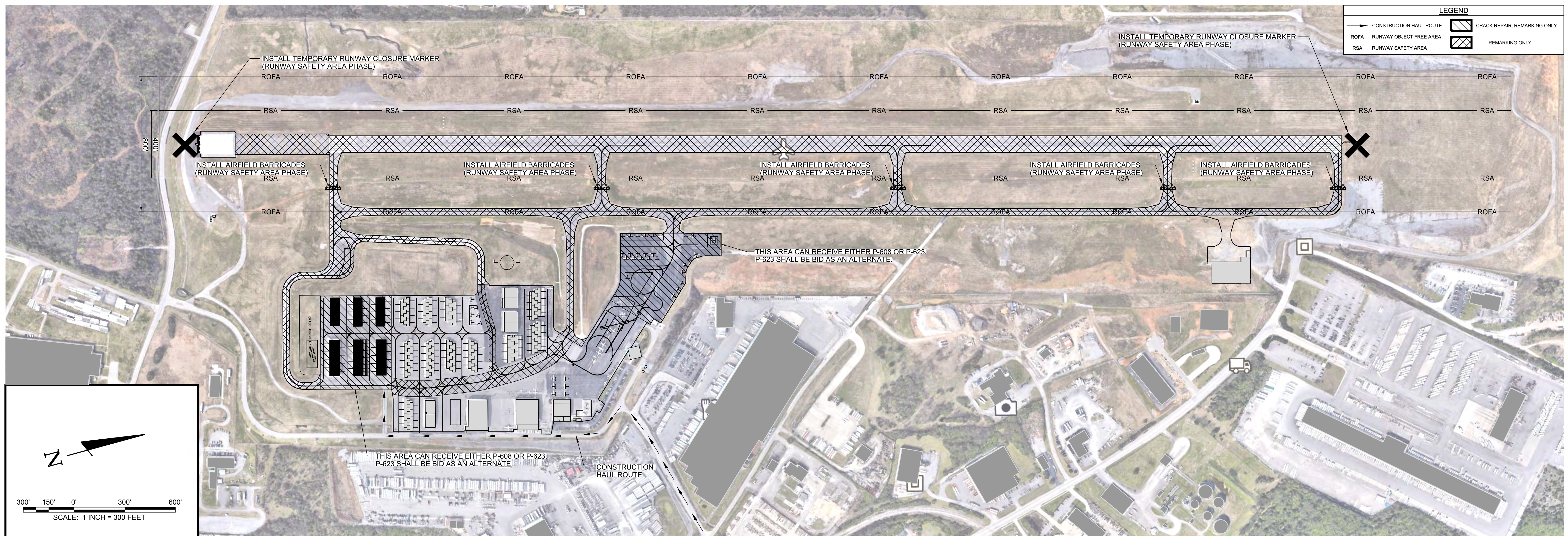
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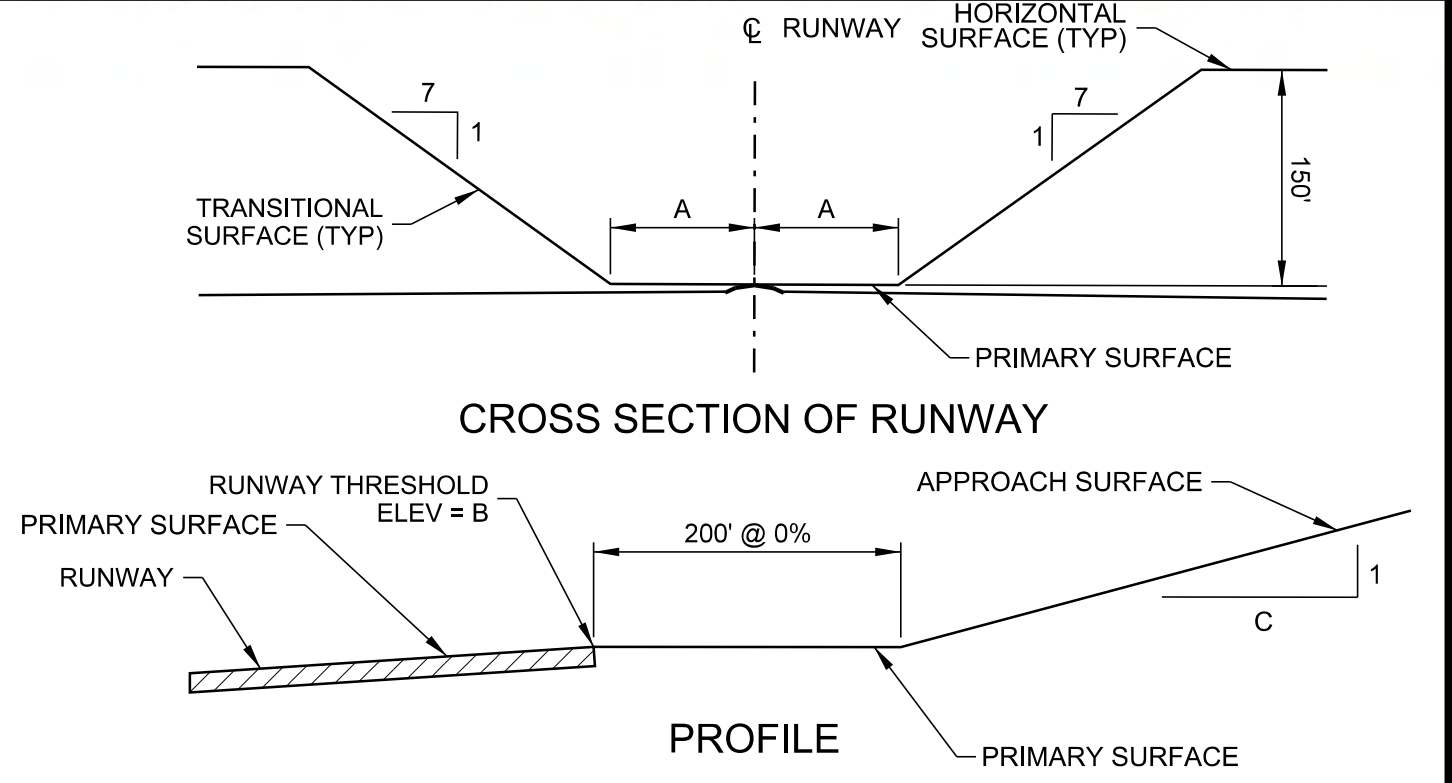
CONSTRUCTION SAFETY & PHASING PLAN (CSPP)

**AIRFIELD PAVEMENT AND MARKING MAINTENANCE
JOHN C TUNE AIRPORT, KJWN
NASHVILLE, TENNESSEE**



CONSTRUCTION SAFETY NOTES

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER AND THE OWNER NOT LESS THAN TWO (2) DAYS PRIOR TO ENTERING THE CONSTRUCTION SITE FOR ANY PURPOSE SO THAT THEY MAY PUBLISH "NOTICES TO AIRMAN" OF THE CONSTRUCTION ACTIVITIES.
- SUFFICIENT SWEEPERS AND CLEAN UP EQUIPMENT SHALL BE PROVIDED IN ORDER THAT ALL LOOSE MATERIAL, DEBRIS AND MUD CAN BE REMOVED FROM ALL AIRPORT OPERATIONS AREAS ON A CONTINUOUS BASIS.
- NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR RADIOS, CONSTRUCTION OF AND MAINTENANCE OF HAUL ROUTES AND CONSTRUCTION ENTRANCE, ETC. AS INCLUDED IN THESE NOTES. ALL COSTS ASSOCIATED WITH THESE ITEMS MUST BE INCLUDED IN THE CONTRACT BID PRICES WHICH WOULD MOST LIKELY INCLUDE THEM.
- THE CONTRACTOR AND PERSONNEL SHALL NOT, AT ANY TIME, BE ON THE RUNWAY OR TAXIWAYS UNLESS THE AIRPORT MANAGER GIVES PRIOR APPROVAL.
- THE CONTRACTOR SHALL TAKE EXTREME CAUTION AROUND ALL EXISTING AIRPORT EQUIPMENT.
- THE CONSTRUCTION ENTRANCE, STAGING AREA, EMPLOYEE PARKING, STOCKPILE AREA, WASTE AREA AND BORROW AREA SHALL BE COORDINATED WITH THE AIRPORT MANAGER.
- THE CONTRACTOR SHALL HAVE A MAN ON 24-HOUR CALL FOR EMERGENCY MAINTENANCE OF AIRPORT HAZARD LIGHTING AND BARRICADES AND OTHER EMERGENCIES WHICH MAY ARISE AS A RESULT OF THIS WORK.
- THE CONTRACTOR'S PERSONNEL AND EQUIPMENT SHALL NOT BE PERMITTED OUTSIDE THE CONSTRUCTION WORK LIMITS WITHOUT BEING ESCORTED BY THE OWNER APPROVED ESCORT.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW THE SAFETY PROVISIONS INCORPORATED IN THE FOLLOWING FEDERAL AVIATION ADMINISTRATION (FAA) DOCUMENTS, WHICH ARE AVAILABLE FOR REVIEW BY DOWNLOADING THE DOCUMENTS ON-LINE AT [HTTP://WWW.FAA.GOV](http://www.faa.gov):
 - 9.1 ADVISORY CIRCULAR NUMBER 150/5370-10H, "STANDARDS FOR SPECIFYING CONSTRUCTION OF AIRPORTS"
 - 9.2 ADVISORY CIRCULAR NUMBER 150/5370-2G, "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION"
 - 9.3 ADVISORY CIRCULAR NUMBER 150/5210-5D, "PAINTING, MARKING, AND LIGHTING OF VEHICLES USED ON AN AIRPORT"
- THE CONTRACTOR SHALL BE REQUIRED TO MINIMIZE DUST CREATED BY CONSTRUCTION ACTIVITIES USING WATER OR OTHER DEVICES. ANY COST ASSOCIATED WITH DUST CONTROL SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT. IN THE EVENT DUST WHICH IS CREATED BY CONSTRUCTION ACTIVITIES BECOMES A HAZARD TO AIRFIELD OPERATIONS AND/OR AIRCRAFT NAVIGATION CONSTRUCTION ACTIVITIES WILL BE SHUT DOWN. THIS SHUTDOWN TIME WILL NOT BE A BASIS FOR CLAIMS FOR ADDITIONAL CONTRACT TIME OR COMPENSATION.
- AIRCRAFT OPERATIONS SHALL AT ALL TIMES HAVE PRIORITY OVER ALL VEHICLES, EQUIPMENT AND PERSONNEL. THE CONTRACTOR SHALL EMPLOY STRICT MEASURES TO PREVENT ANY CONFLICT BETWEEN HIS PERSONNEL AND AIRCRAFT ON ANY ACTIVE AIRFIELD PAVEMENT. THE CONTRACTOR SHALL REMAIN CLEAR OF ACTIVE RUNWAYS AND TAXIWAYS.
- ALL CONTRACTOR VEHICLES, INCLUDING HAULING VEHICLES, THAT ARE AUTHORIZED TO OPERATE ON THE AIRPORT WITHIN THE DESIGNATED LIMITS OF CONSTRUCTION OR HAUL ROUTES AS DEFINED HEREIN, SHALL DISPLAY IN FULL VIEW ABOVE THE VEHICLE A 3'X3' OR LARGER ORANGE AND WHITE CHECKERBOARD FLAG. EACH CHECKERBOARD COLOR BEING 1" SQUARE. WHEN OPERATING DURING PERIODS OF DARKNESS OR LIMITED VISIBILITY, CONTRACTOR'S VEHICLE SHALL BE EQUIPPED WITH ROTATING OR FLASHING AMBER LIGHTS. DURING SUCH PERIODS, HAULING VEHICLES NOT SO EQUIPPED SHALL BE ESCORTED BY A VEHICLE SO EQUIPPED.
- CONTRACTOR SHALL CONTROL THE ON-AIRPORT MOVEMENT AND ACTIVITIES OF ITS EMPLOYEES AND SUBCONTRACTORS.
- OPEN-FLAME WELDING OR TORCH-CUTTING OPERATIONS ARE PROHIBITED UNLESS ADEQUATE FIRE AND SAFETY PRECAUTIONS HAVE BEEN APPROVED BY THE OWNER.
- OPEN TRENCHES, EXCAVATIONS AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHALL BE PROMINENTLY MARKED WITH ORANGE FLAGS AND LIGHTED WITH FLASHING AMBER LIGHT UNITS (ACCEPTABLE TO THE OWNER) DURING HOURS OF RESTRICTED VISIBILITY OR DARKNESS.
- STOCKPILED MATERIAL SHALL BE CONSTRAINED IN A MANNER TO PREVENT MOVEMENT AS A RESULT OF AIRCRAFT OR WIND.
- ANY DAMAGE TO THE EXISTING AIRPORT LIGHTING SYSTEM CAUSED BY CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY NOTED TO THE OWNER AND REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE AND TO THE OWNER'S SPECIFICATIONS.
- DEBRIS, WASTE AND LOOSE MATERIAL, CAPABLE OF CAUSING DAMAGE TO AIRCRAFT LANDING GEAR, PROPELLERS AND ROTORS, OR OF BEING INGESTED BY JET ENGINES SHALL NOT BE LEFT ON ACTIVE AIRCRAFT MOVEMENT AREAS. MATERIAL DROPPED WITHIN THESE AREAS SHALL BE REMOVED CONTINUOUSLY DURING WORKING HOURS.
- THE CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY REFLECTORIZED SIGNS TO CLEARLY MARK THE DESIGNATED ACCESS ROUTES TO AFFECTED AREAS OF AIRPORT PROPERTY. CONTRACTOR SHALL CONTROL ACCESS TO THE WORKING AREA BY CONSTRUCTION VEHICLES AS DELINEATED ON THIS PLAN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INFORMING ALL PERSONS UNDER THEIR CONTROL THAT UNAUTHORIZED CONSTRUCTION PERSONNEL FOUND IN RESTRICTED AREAS OF THE AIRPORT SHOWN ON THE SAFETY PLAN ARE SUBJECT TO ARREST FOR A PUNISHABLE FEDERAL OFFENSE AND WILL PROMPTLY AND PERMANENTLY BE REMOVED FROM THE JOB.
- THE CONTRACTOR SHALL PROVIDE APPROVED FLAGMAN TO CONTROL ALL CONSTRUCTION TRAFFIC AND APPROVED GATE GUARD TO CONTROL ALL CONSTRUCTION TRAFFIC ENTERING PROJECT.
- CONTRACTOR SHALL CONTROL AND ESCORT ALL CONSTRUCTION TRAFFIC ENTERING AIRPORT TO PREVENT CONFLICTS WITH AIRCRAFT OPERATIONS.
- SPECIAL ACCESS REQUIREMENTS AND OPERATING LIMITATIONS ARE REQUIRED INSIDE THE SECURITY FENCE. THE CONTRACTOR SHALL DELINEATE WORK LIMITS WITHIN THESE AREAS USING STAKES WITH FLAGGING AS NOTED. CONFINE ALL CONTRACTOR'S PERSONNEL, EQUIPMENT AND MATERIALS INSIDE THE OWNER'S APPROVED WORK LIMITS.
- THE CONTRACTOR SHALL PERFORM CONSTRUCTION OPERATIONS AS NECESSARY TO MINIMIZE ATTRACTION TO BIRDS CAUSED BY PONDED WATER AND GRASS SEED.
- THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN FLASHING LIGHTS AND BARRICADES ALONG AIRCRAFT APRON EDGES OR WHERE TEMPORARY PAVEMENT CLOSURES OR AIRCRAFT LIMITATIONS ARE REQUIRED. BARRICADES SHALL BE SPACED NO MORE THAN 8 FEET END TO END OR AS NOTED ALONG THE AFFECTED PAVEMENT EDGE OR ACROSS THE PAVEMENT OF A CLOSED TAXIWAY. THE CONTRACTOR SHALL DAILY MAINTAIN THE LIGHTS AND BARRICADES IN AN OPERABLE CONDITION FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL FURNISH THE OWNER A CONTACT NUMBER FOR 24-HOUR MAINTENANCE OF LIGHTS AND BARRICADES. THE COST FOR BARRICADES AND LIGHTS SHALL BE INCIDENTAL TO THE PROJECT.
- NO CONSTRUCTION TRAFFIC SHALL ENTER OR CROSS ANY ACTIVE AIRPORT OPERATIONAL AREA EXCEPT UPON AUTHORIZATION BY THE OWNER.
- REFER TO THE GENERAL NOTES FOR REQUIREMENTS PERTAINING TO STORAGE OF CONSTRUCTION EQUIPMENT AND MATERIALS WHEN NOT IN USE.
- THE CONTRACTOR SHALL COMPLY WITH ALL SECURITY REQUIREMENTS SPECIFIED HEREIN. THE CONTRACTOR SHALL DESIGNATE IN WRITING TO THE OWNER THE NAME OF ITS "CONTRACTOR SECURITY OFFICER". THE CONTRACTOR SECURITY OFFICER SHALL REPRESENT THE CONTRACTOR ON THE SECURITY REQUIREMENTS OF THE CONTRACT.
- THE CONTRACTOR'S SECURITY OFFICER SHALL BE RESPONSIBLE FOR BRIEFING ALL CONTRACTOR PERSONNEL ON THESE REQUIREMENTS. CONTRACTOR EMPLOYEES SHALL ATTEND THE OWNER'S SECURITY TRAINING SESSION AND SHALL BE BRIEFED ON THESE REQUIREMENTS PRIOR TO WORKING IN THE CONSTRUCTION AREAS.
- THE CONTRACTOR SHALL ACQUAINT THEIR SUPERVISORS AND EMPLOYEES WITH THE AIRPORT ACTIVITIES AND OPERATIONS THAT ARE INHERENT AT THIS AIRPORT AND SHALL CONDUCT THEIR CONSTRUCTION ACTIVITIES TO CONFORM TO ALL ROUTINE AND EMERGENCY AIR TRAFFIC REQUIREMENTS AND TO THE GUIDELINES ON SAFETY.
- CONTRACTOR TO FIELD VERIFY AND PROTECT ALL EXISTING UTILITIES BEFORE CONSTRUCTION WORK BEGINS.
- ALL LOCATIONS USED FOR HAUL ROUTES, STAGING AREAS, EMPLOYEE PARKING AND MATERIAL STORAGE SHALL BE CLEANED UP WHEN ALL CONSTRUCTION IS COMPLETED.
- ALL FOREMAN'S SUPERINTENDANT'S VEHICLES SHALL CONTAIN RADIOS CAPABLE OF TRANSMITTING AND RECEIVING THE UNICOM FREQUENCY OF 122.70. NORMAL RADIO COMMUNICATIONS BETWEEN CONTRACTOR PERSONNEL WILL NOT BE ALLOWED ON THE UNICOM FREQUENCY OF 122.70 OR ANY OTHER FAA FREQUENCY. THE CONTRACTOR IS REQUIRED TO MONITOR THE AIRPORT FREQUENCY WHENEVER THEIR FORCES ARE ON AIRPORT PROPERTY, WHETHER OR NOT THE RUNWAY IS OPEN OR CLOSED.
- THE CONTRACTOR IS ENCOURAGED TO DOCUMENT VIA PICTURES AND/OR VIDEO THE PRE-CONSTRUCTION CONDITION OF ALL PAVEMENTS AND STRUCTURES. ANY DAMAGE NOTICED AFTER THE CONTRACTOR'S MOBILIZATION WILL BE ASSUMED TO BE CAUSED BY THE CONTRACTOR AND SHALL BE FULLY REPAIRED AT THE CONTRACTOR'S EXPENSE.
- NO EQUIPMENT WILL BE ALLOWED WITHIN 200' OF THE PRIMARY RUNWAY 2-20 CENTERLINE. NO EQUIPMENT WILL BE PARKED OR STORED WITHIN 400' OF THE PRIMARY RUNWAY 2-20 CENTERLINE.
- NO EQUIPMENT WILL BE ALLOWED WITHIN 39.5' OF THE TAXIWAYS CENTERLINE. NO EQUIPMENT WILL BE PARKED OR STORED WITHIN 65.5' OF TAXIWAY ALPHA'S CENTERLINE.
- THE EXISTING AIRPORT PAVEMENTS ARE DESIGNED FOR AIRCRAFT TRAFFIC ONLY, AND MAY NOT SUPPORT LOADED TRUCK OR HEAVY EQUIPMENT. ANY DAMAGE RESULTING FROM THE CONTRACTOR'S ACTIONS WILL BE IMMEDIATELY REPAIRED TO FAA STANDARDS AT THE CONTRACTOR'S EXPENSE.



RUNWAY END	A	B	C
2	200'	458.60'	34
20	200'	501.00'	50

FAR PART 77 SURFACES
DRAWING NOT TO SCALE

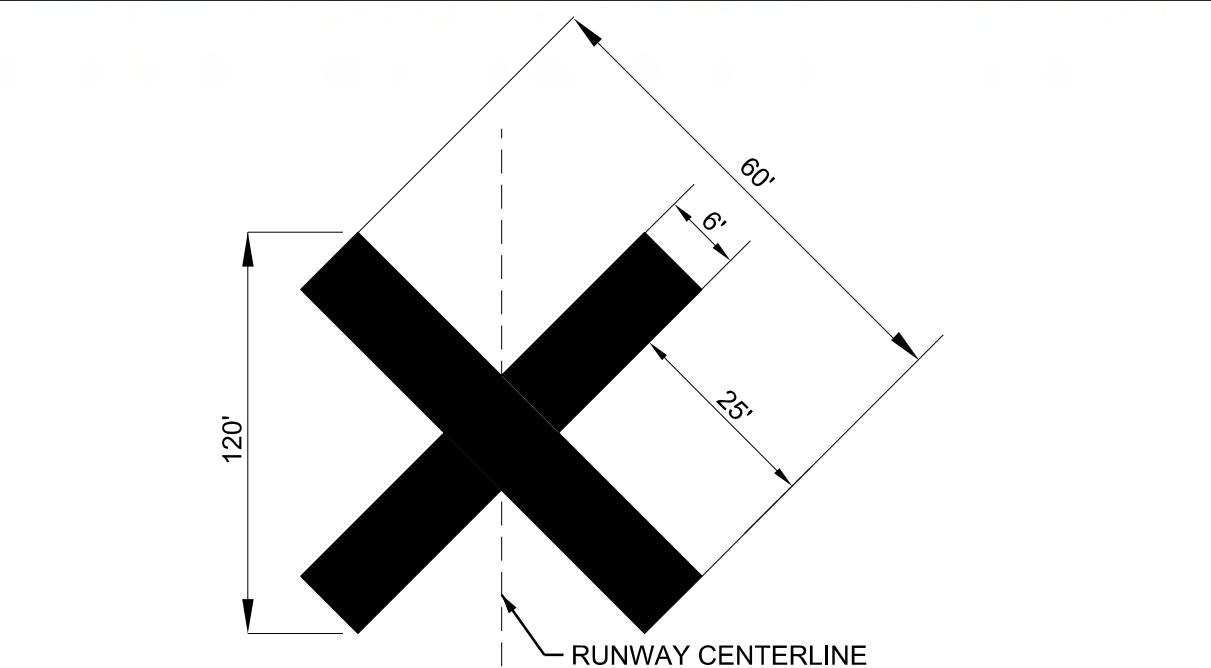
SAFETY AREA DIMENSIONS

NOTE:
THE PART 77 SECTION VIEW IS CENTERED ON THE RUNWAY CENTERLINE AT THE CENTERLINE ELEVATION, AND ON THE EXTENDED RUNWAY CENTERLINE AT THE RUNWAY THRESHOLD ELEVATION TO A POINT 200 FEET BEYOND EACH THRESHOLD. THE SECTION THEN RISES ALONG THE SLOPE INDICATED ON THE PROFILE VIEW.

AIRPORT CONTACT INFORMATION:
JEFF ROACH
110 TUNE AIRPORT DRIVE, NASHVILLE, TN 37209
(629) 204-0547

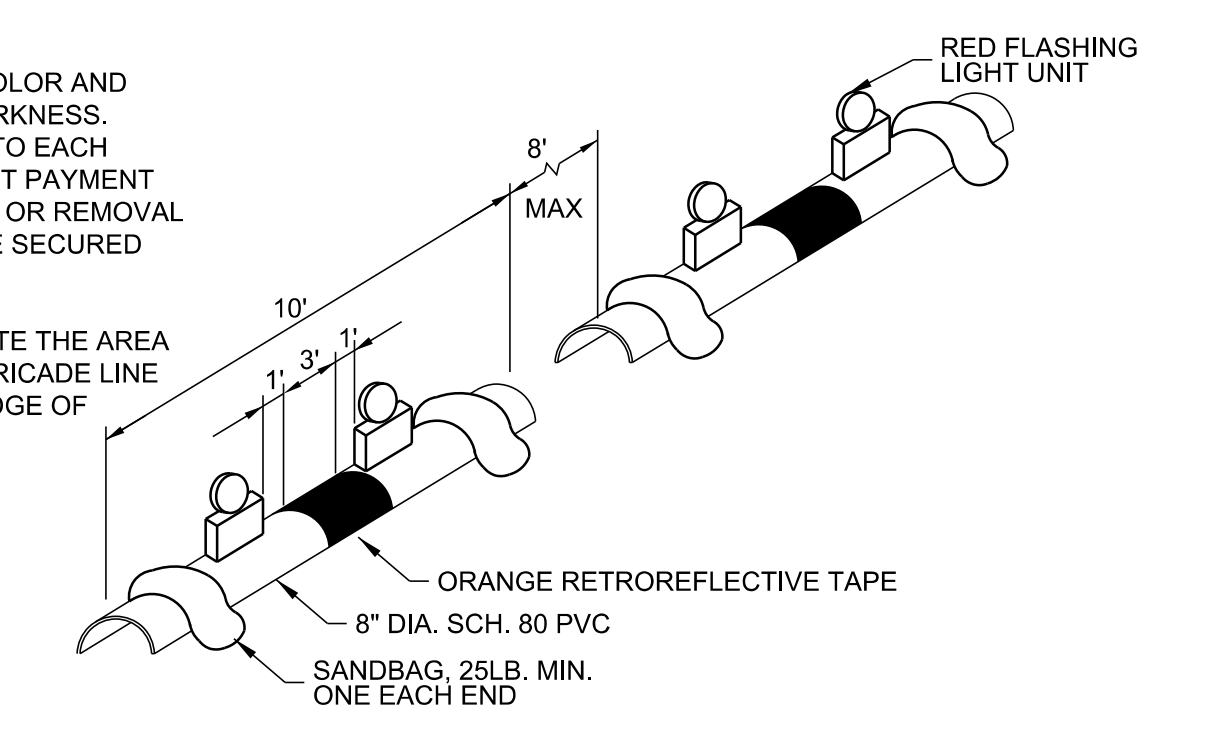
LOCAL EMERGENCY PHONE NUMBERS:
EMERGENCY: 911
NASHVILLE POLICE DEPARTMENT: (615) 862-7747
NASHVILLE FIRE DEPARTMENT: (615) 832-4517

LIQUIDATED DAMAGES:
\$1,000 PER CALENDAR DAY



- NOTES:**
- CONTRACTOR SHALL BE REQUIRED TO PROVIDE AND MAINTAIN TEMPORARY RUNWAY CLOSURE MARKERS.
 - THE TEMPORARY CLOSED RUNWAY MARKINGS SHALL BE AVIATION YELLOW AND MAY BE CONSTRUCTED OF MATERIAL SUCH AS FABRIC OR PLYWOOD.
 - PLACE MARKINGS AS SHOWN ON THIS SHEET. THE LOCATION OF THE TEMPORARY CLOSED RUNWAY MARKERS SHALL BE PLACED ON THE RUNWAY CENTERLINE.
 - FOR RUNWAYS THAT HAVE BEEN TEMPORARILY CLOSED, PLACE MARKER AT EACH END OF THE RUNWAY DIRECTLY ON OR AS NEAR AS PRACTICABLE TO THE RUNWAY DESIGNATION NUMBERS.
 - FOR A MULTIPLE RUNWAY ENVIRONMENT, IF THE CLOSURE MARKER ON A DESIGNATED NUMBER WILL BE LOCATED IN THE RSA OF AN ADJACENT ACTIVE RUNWAY, LOCATE THE MARKER FARTHER DOWN THE CLOSED RUNWAY TO CLEAR THE RSA OF THE ACTIVE RUNWAY.

1 RUNWAY CLOSURE MARKER
C4.01 SCALE: N.T.S.



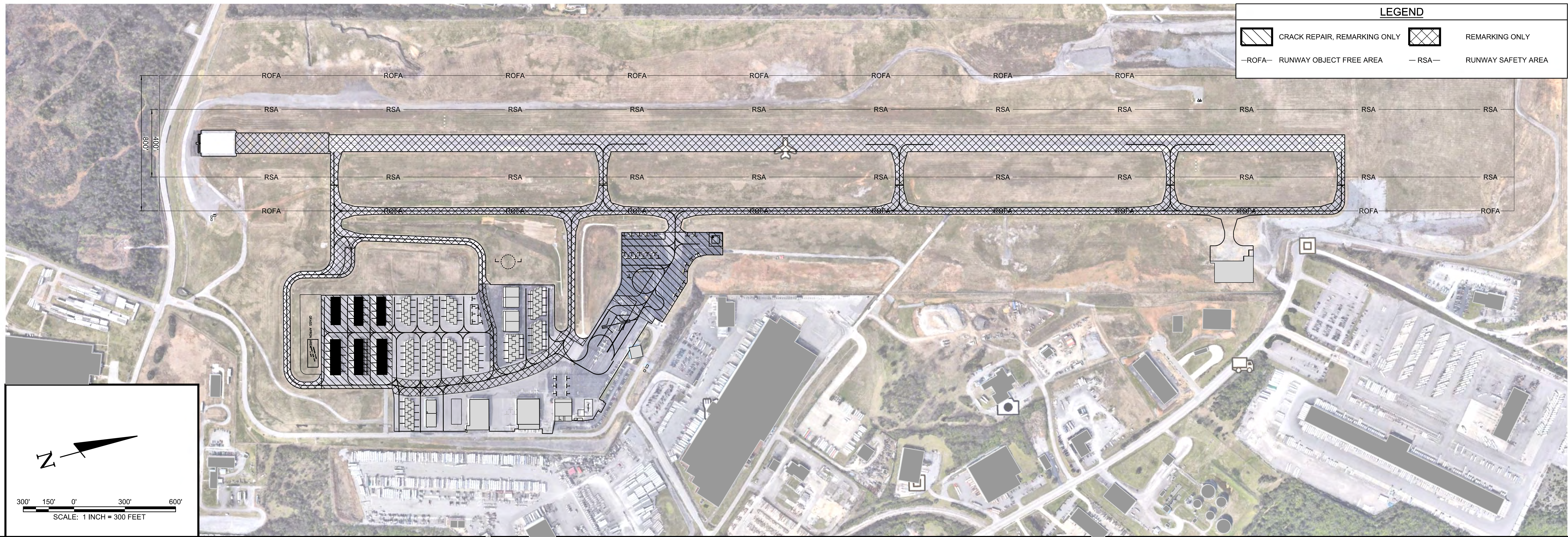
2 AIRFIELD BARRICADE DETAIL
C4.01 SCALE: N.T.S.

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LEGEND			
	CRACK REPAIR, REMARKING ONLY		REMARKING ONLY
-ROFA-	RUNWAY OBJECT FREE AREA	-RSA-	RUNWAY SAFETY AREA

BARGE
DESIGN SOLUTIONS

615 3rd Avenue South, Suite 300 | Nashville, Tennessee 37210
PHONE (615) 254-1500 / FAX (615) 255-6872



SCHEDULE OF QUANTITIES

ITEM	BASE BID	QUANTITY	UNIT
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C-105	MOBILIZATION	1	LS
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P-101-5.2	CRACK REPAIR (TYPE II)	9,030	LF
P-101-5.3	AIRFIELD PAVEMENT MARKING REMOVAL	136,155	SF
P-620-5.1	TEMPORARY WHITE PAINT	80,650	SF
P-620-5.2	TEMPORARY YELLOW PAINT	18,300	SF
P-620-5.3	WHITE PAINT WITH REFLECTIVE MEDIA	80,650	SF
P-620-5.4	YELLOW PAINT WITH REFLECTIVE MEDIA	18,300	SF
P-620-5.5	BLACK PAINT	37,450	SF

CONSTRUCTION PHASING PLAN

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a) IT SHALL BE MANDATED THAT THE AIRPORT SHOULD RECEIVE 48 HOUR NOTICE PRIOR TO EACH PHASE OF WORK COMMENCING.
- PHASE II. CRACK REPAIR (TYPE I CRACKS)
a) SEE QUANTITIES (LF).
b) MARKING REMOVAL (SF) MAY COMMENCE DURING PHASE II.
- PHASE III. REMARKING
a) SEE QUANTITIES (SF).

OVERALL SITE LAYOUT PLAN

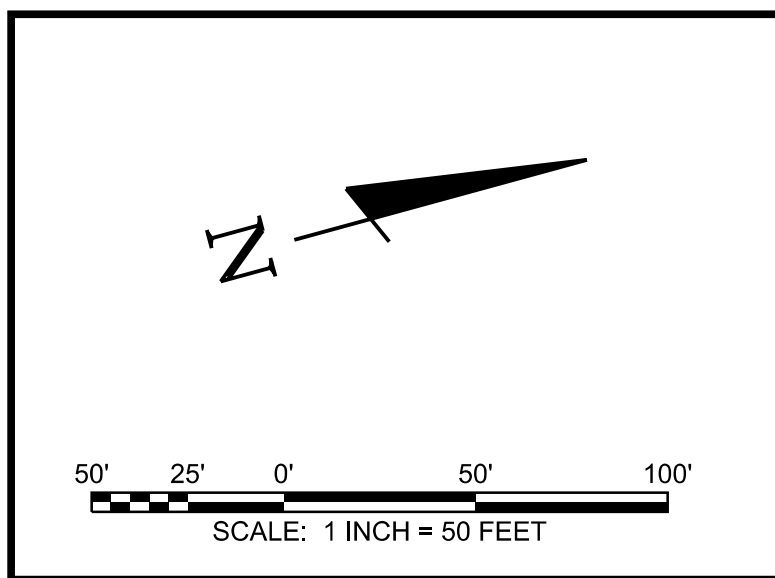
**AIRFIELD PAVEMENT AND MARKING MAINTENANCE
JOHN C TUNE AIRPORT, KJWN
NASHVILLE, TENNESSEE**

REV.	OR.	CHK.	DATE	DESCRIPTION
JDS	BCM	JAC	01-22-2021	ISSUED FOR BID

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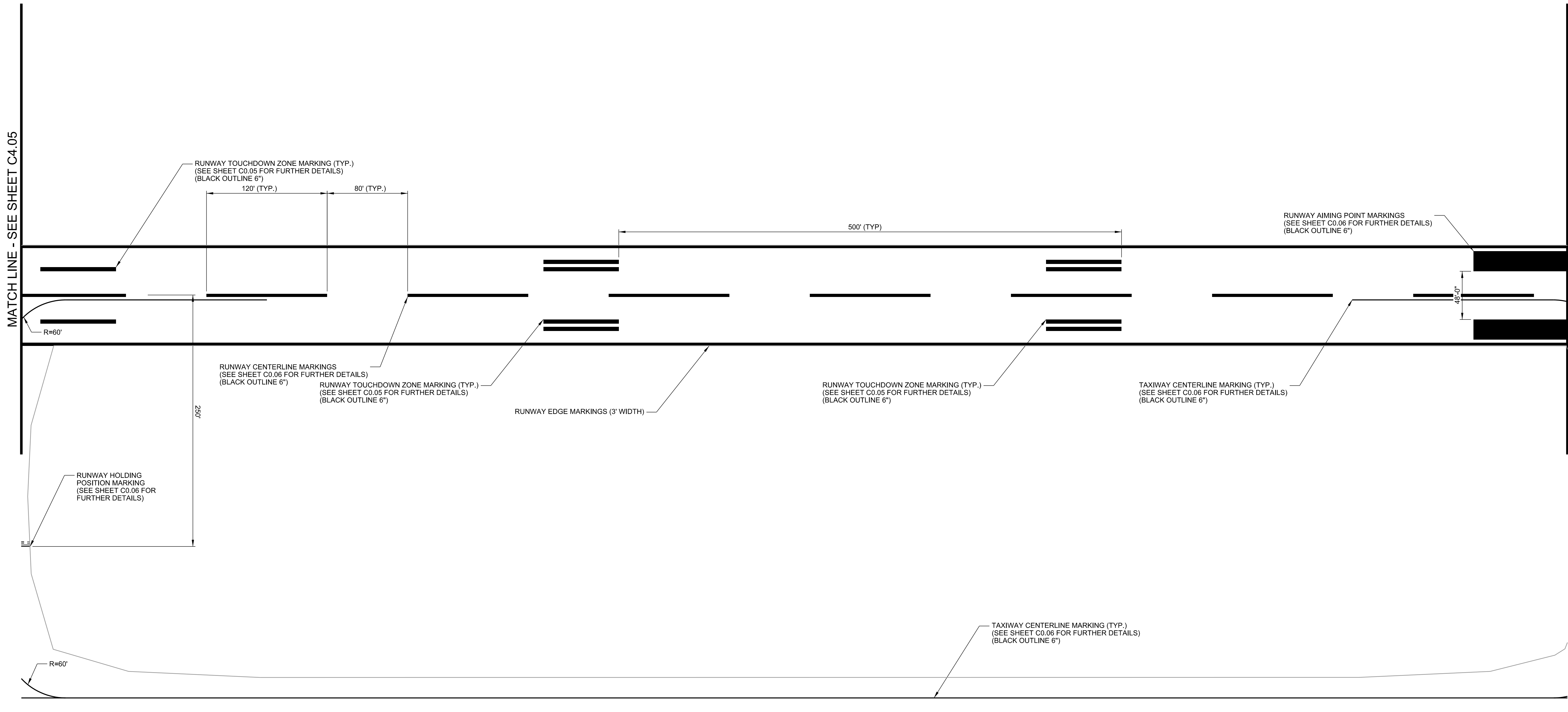


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 PHONE (615) 254-1500 / FAX (615) 255-6872



MATCH LINE - SEE SHEET C4.05

MATCH LINE - SEE SHEET C4.07

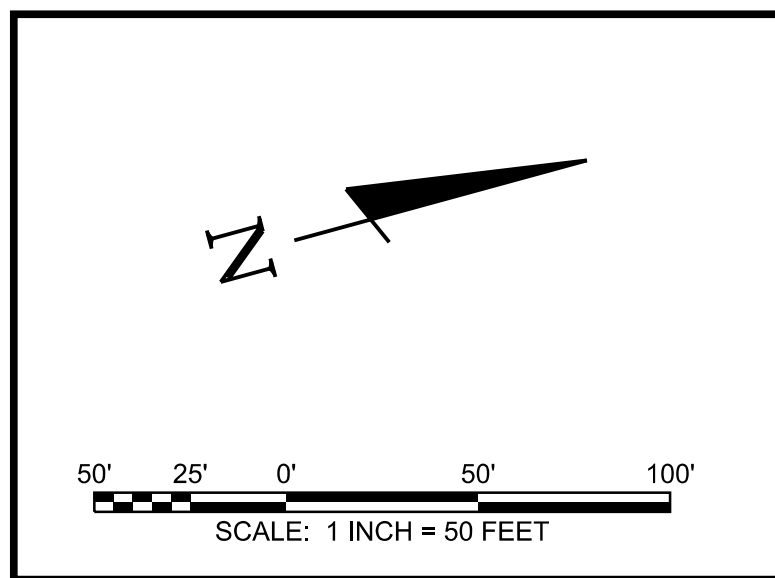
AIRFIELD MARKING PLAN
AIRFIELD PAVEMENT AND MARKING MAINTENANCE
JOHN C TUNE AIRPORT, KJWN
 NASHVILLE, TENNESSEE

REVISION INFORMATION	
REV.	DESCRIPTION
CHK. JAC	01/22/2021
ISSUED FOR BID	

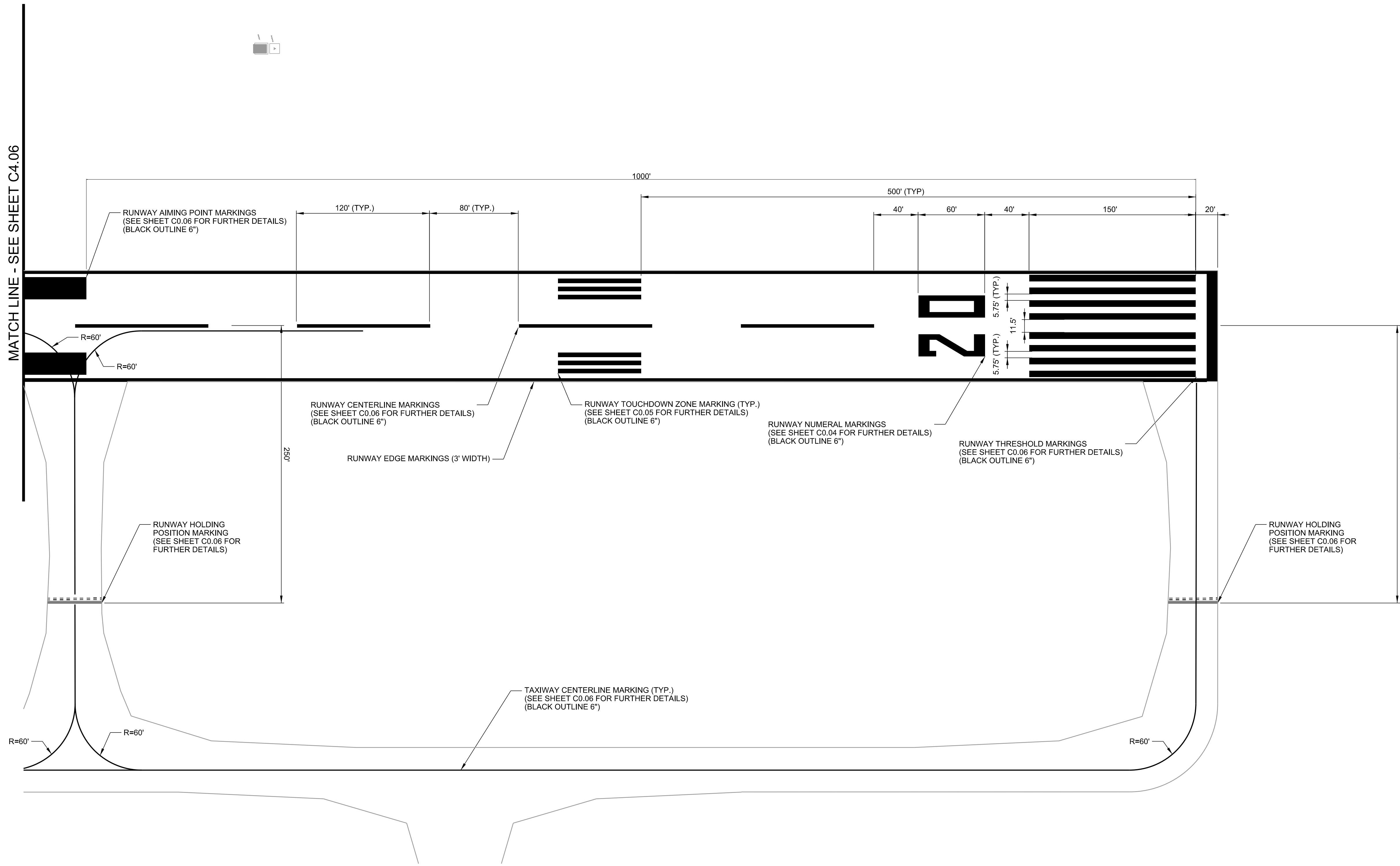
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AIRFIELD MARKING PLAN

AIRFIELD PAVEMENT AND MARKING MAINTENANCE

JOHN C TUNE AIRPORT, KJWN

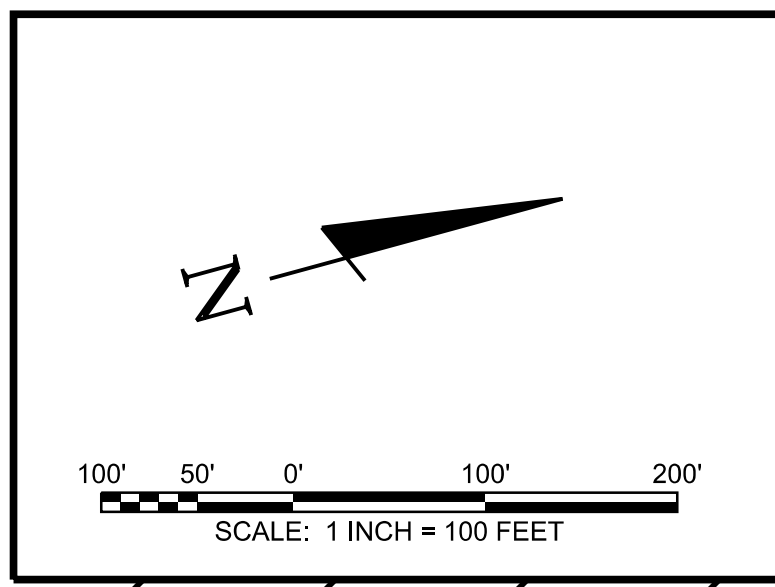
NASHVILLE, TENNESSEE

REVISION INFORMATION	
REV.	DESCRIPTION
CHK. DATE	ISSUED FOR BID
JAC. 01/22/2021	
OR. BOM	
DES. JDS	

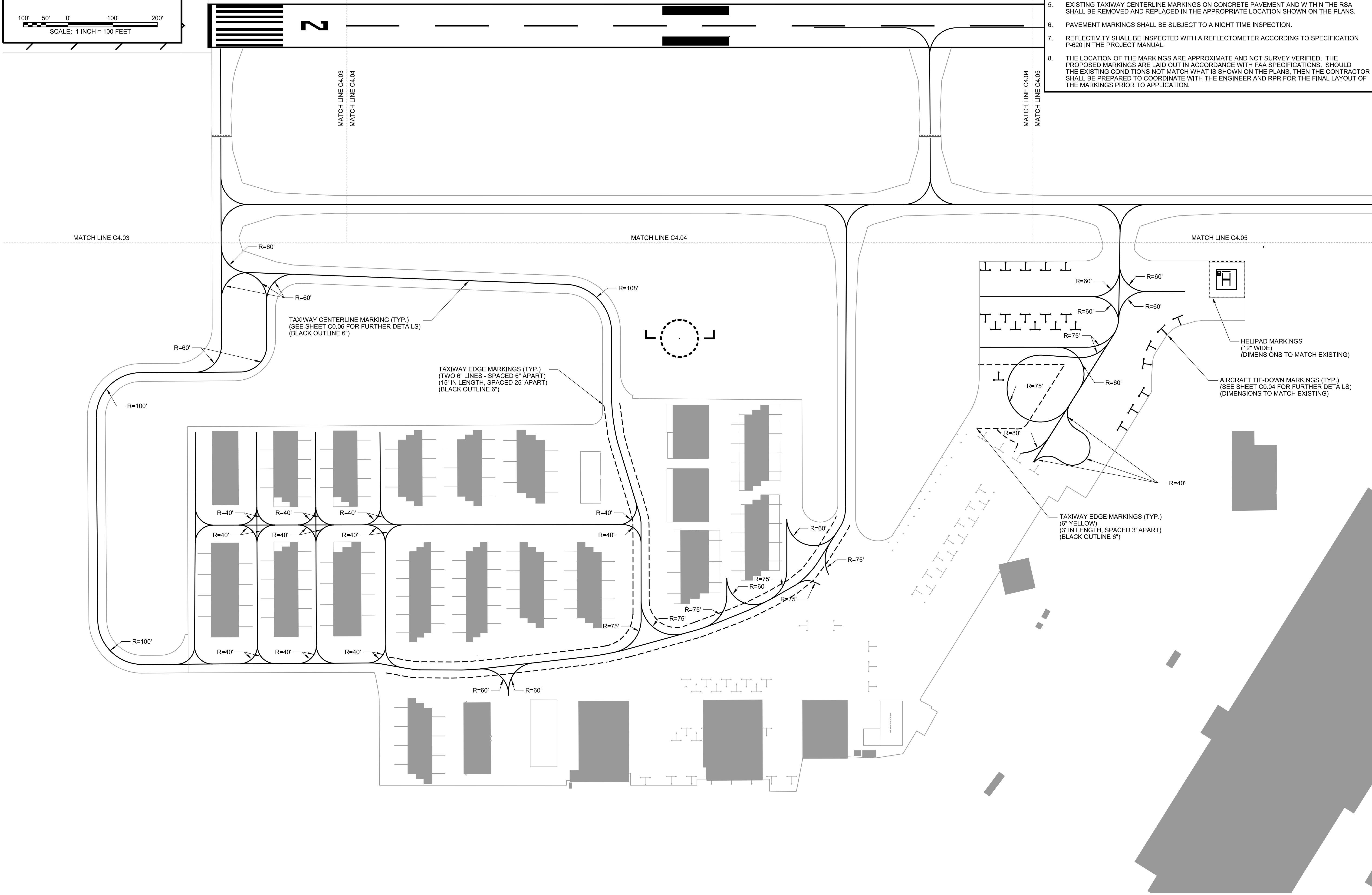
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 5. EXISTING TAXIWAY CENTERLINE MARKINGS ON CONCRETE PAVEMENT AND WITHIN THE RSA SHALL BE REMOVED AND REPLACED IN THE APPROPRIATE LOCATION SHOWN ON THE PLANS.
 6. PAVEMENT MARKINGS SHALL BE SUBJECT TO A NIGHT TIME INSPECTION.
 7. REFLECTIVITY SHALL BE INSPECTED WITH A REFLECTOMETER ACCORDING TO SPECIFICATION P-620 IN THE PROJECT MANUAL.
 8. THE LOCATION OF THE MARKINGS ARE APPROXIMATE AND NOT SURVEY VERIFIED. THE PROPOSED MARKINGS ARE LAID OUT IN ACCORDANCE WITH FAA SPECIFICATIONS. SHOULD THE EXISTING CONDITIONS NOT MATCH WHAT IS SHOWN ON THE PLANS, THEN THE CONTRACTOR SHALL BE PREPARED TO COORDINATE WITH THE ENGINEER AND RPR FOR THE FINAL LAYOUT OF THE MARKINGS PRIOR TO APPLICATION.



AIRFIELD MARKING PLAN
AIRFIELD PAVEMENT AND MARKING MAINTENANCE
JOHN C TUNE AIRPORT, KJWN
 NASHVILLE, TENNESSEE

REV.	OR.	CHK.	DATE	DESCRIPTION
JDS	BCM	JAC	01/22/2021	ISSUED FOR BID

C4.08

FILE NO. 36821-04

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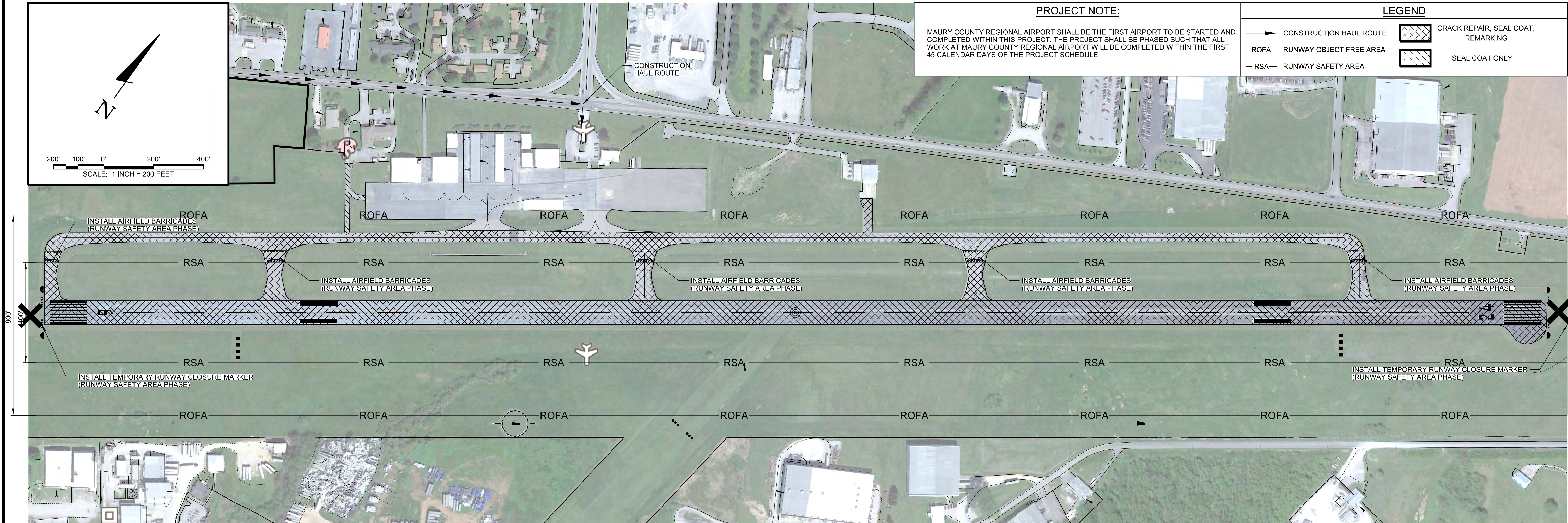


CONSTRUCTION SAFETY & PHASING PLAN (CSPP)
AIRFIELD PAVEMENT AND MARKING MAINTENANCE
MAURY COUNTY AIRPORT, KMRC
COLUMBIAMOUNT PLEASANT, TENNESSEE

PROJECT NOTE:
MAURY COUNTY REGIONAL AIRPORT SHALL BE THE FIRST AIRPORT TO BE STARTED AND COMPLETED WITHIN THIS PROJECT. THE PROJECT SHALL BE PHASED SUCH THAT ALL WORK AT MAURY COUNTY REGIONAL AIRPORT WILL BE COMPLETED WITHIN THE FIRST 45 CALENDAR DAYS OF THE PROJECT SCHEDULE.

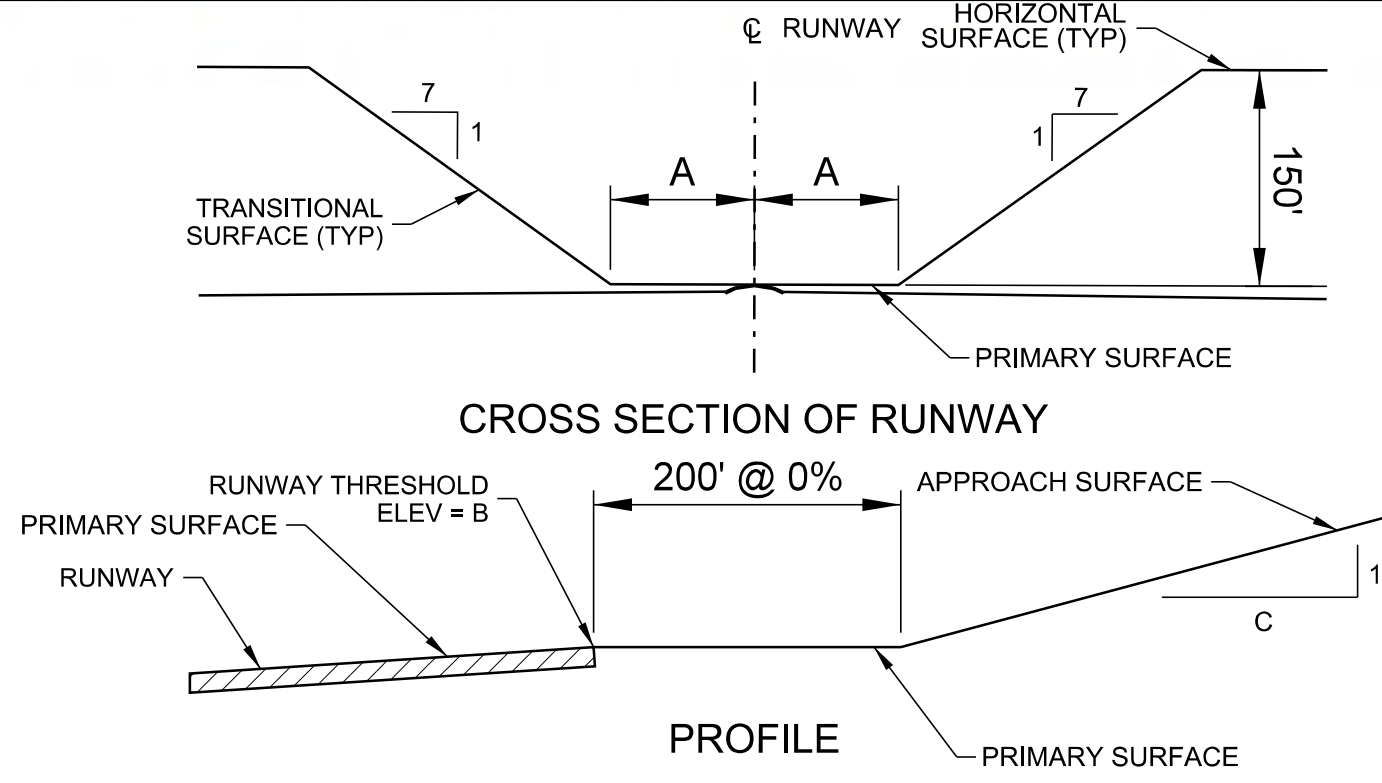
LEGEND

→ CONSTRUCTION HAUL ROUTE	▨ CRACK REPAIR, SEAL COAT, REMARKING
- ROFA - RUNWAY OBJECT FREE AREA	▨ SEAL COAT ONLY
- RSA - RUNWAY SAFETY AREA	



CONSTRUCTION SAFETY NOTES

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER AND THE OWNER NOT LESS THAN TWO (2) DAYS PRIOR TO ENTERING THE CONSTRUCTION SITE FOR ANY PURPOSE SO THAT THEY MAY PUBLISH "NOTICES TO AIRMAN" OF THE CONSTRUCTION ACTIVITIES.
- SUFFICIENT SWEEPERS AND CLEAN UP EQUIPMENT SHALL BE PROVIDED IN ORDER THAT ALL LOOSE MATERIAL, DEBRIS AND MUD CAN BE REMOVED FROM ALL AIRPORT OPERATIONS AREAS ON A CONTINUOUS BASIS.
- NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR RADIOS, CONSTRUCTION OF AND MAINTENANCE OF HAUL ROUTES AND CONSTRUCTION ENTRANCE, ETC. AS INCLUDED IN THESE NOTES. ALL COSTS ASSOCIATED WITH THESE ITEMS MUST BE INCLUDED IN THE CONTRACT BID PRICES WHICH WOULD MOST LIKELY INCLUDE THEM.
- THE CONTRACTOR AND PERSONNEL SHALL NOT, AT ANY TIME, BE ON THE RUNWAY OR TAXIWAYS UNLESS THE AIRPORT MANAGER GIVES PRIOR APPROVAL.
- THE CONTRACTOR SHALL TAKE EXTREME CAUTION AROUND ALL EXISTING AIRPORT EQUIPMENT.
- THE CONSTRUCTION ENTRANCE, STAGING AREA, EMPLOYEE PARKING, STOCKPILE AREA, WASTE AREA AND BORROW AREA SHALL BE COORDINATED WITH THE AIRPORT MANAGER.
- THE CONTRACTOR SHALL HAVE A MAN ON 24-HOUR CALL FOR EMERGENCY MAINTENANCE OF AIRPORT HAZARD LIGHTING AND BARRICADES AND OTHER EMERGENCIES WHICH MAY ARISE AS A RESULT OF THIS WORK.
- THE CONTRACTOR'S PERSONNEL AND EQUIPMENT SHALL NOT BE PERMITTED OUTSIDE THE CONSTRUCTION WORK LIMITS WITHOUT BEING ESCORTED BY THE OWNER APPROVED ESCORT.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW THE SAFETY PROVISIONS INCORPORATED IN THE FOLLOWING FEDERAL AVIATION ADMINISTRATION (FAA) DOCUMENTS, WHICH ARE AVAILABLE FOR REVIEW BY DOWNLOADING THE DOCUMENTS ON-LINE AT HTTP://WWW.FAA.GOV:
 - 9.1 ADVISORY CIRCULAR NUMBER 150/5370-10H, "STANDARDS FOR SPECIFYING CONSTRUCTION OF AIRPORTS"
 - 9.2 ADVISORY CIRCULAR NUMBER 150/5370-2G, "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION"
 - 9.3 ADVISORY CIRCULAR NUMBER 150/5210-5D, "PAINTING, MARKING, AND LIGHTING OF VEHICLES USED ON AN AIRPORT"
- AIRCRAFT OPERATIONS SHALL AT ALL TIMES HAVE PRIORITY OVER ALL VEHICLES, EQUIPMENT AND PERSONNEL. THE CONTRACTOR SHALL EMPLOY STRICT MEASURES TO PREVENT ANY CONFLICT BETWEEN HIS PERSONNEL AND AIRCRAFT ON ANY ACTIVE AIRFIELD PAVEMENT. THE CONTRACTOR SHALL REMAIN CLEAR OF ACTIVE RUNWAYS AND TAXIWAYS.
- ALL CONTRACTOR VEHICLES, INCLUDING HAULING VEHICLES, THAT ARE AUTHORIZED TO OPERATE ON THE AIRPORT WITHIN THE DESIGNATED LIMITS OF CONSTRUCTION OR HAUL ROUTES AS DEFINED HEREIN, SHALL DISPLAY IN FULL VIEW ABOVE THE VEHICLE A 3'X3' OR LARGER ORANGE AND WHITE CHECKERBOARD FLAG. EACH CHECKERBOARD COLOR BEING 1" SQUARE. WHEN OPERATING DURING PERIODS OF DARKNESS OR LIMITED VISIBILITY, CONTRACTOR'S VEHICLE SHALL BE EQUIPPED WITH ROTATING OR FLASHING AMBER LIGHTS. DURING SUCH PERIODS, HAULING VEHICLES NOT SO EQUIPPED SHALL BE ESCORTED BY A VEHICLE SO EQUIPPED.
- CONTRACTOR SHALL CONTROL THE ON-AIRPORT MOVEMENT AND ACTIVITIES OF ITS EMPLOYEES AND SUBCONTRACTORS.
- OPEN-FLAME WELDING OR TORCH-CUTTING OPERATIONS ARE PROHIBITED UNLESS ADEQUATE FIRE AND SAFETY PRECAUTIONS HAVE BEEN APPROVED BY THE OWNER.
- OPEN TRENCHES, EXCAVATIONS AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHALL BE PROMINENTLY MARKED WITH ORANGE FLAGS AND LIGHTED WITH FLASHING AMBER LIGHT UNITS (ACCEPTABLE TO THE OWNER) DURING HOURS OF RESTRICTED VISIBILITY OR DARKNESS.
- STOCKPILED MATERIAL SHALL BE CONSTRAINED IN A MANNER TO PREVENT MOVEMENT AS A RESULT OF AIRCRAFT OR WIND.
- ANY DAMAGE TO THE EXISTING AIRPORT LIGHTING SYSTEM CAUSED BY CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY NOTED TO THE OWNER AND REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE AND TO THE OWNER'S SPECIFICATIONS.
- DEBRIS, WASTE AND LOOSE MATERIAL CAPABLE OF CAUSING DAMAGE TO AIRCRAFT LANDING GEAR, PROPELLERS AND ROTORS, OR OF BEING INGESTED BY JET ENGINES SHALL NOT BE LEFT ON ACTIVE AIRCRAFT MOVEMENT AREAS. MATERIAL DROPPED WITHIN THESE AREAS SHALL BE REMOVED CONTINUOUSLY DURING WORKING HOURS.
- THE CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY REFLECTORIZED SIGNS TO CLEARLY MARK THE DESIGNATED ACCESS ROUTES TO AFFECTED AREAS OF AIRPORT PROPERTY. CONTRACTOR SHALL CONTROL ACCESS TO THE WORKING AREA BY CONSTRUCTION VEHICLES AS DELINEATED ON THIS PLAN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INFORMING ALL PERSONS UNDER THEIR CONTROL THAT UNAUTHORIZED CONSTRUCTION PERSONNEL FOUND IN RESTRICTED AREAS OF THE AIRPORT SHOWN ON THE SAFETY PLAN ARE SUBJECT TO ARREST FOR A PUNISHABLE FEDERAL OFFENSE AND WILL PROMPTLY AND PERMANENTLY BE REMOVED FROM THE JOB.
- THE CONTRACTOR SHALL PROVIDE APPROVED FLAGMAN TO CONTROL ALL CONSTRUCTION TRAFFIC AND APPROVED GATE GUARD TO CONTROL ALL CONSTRUCTION TRAFFIC ENTERING AIRPORT TO PREVENT CONFLICTS WITH AIRCRAFT OPERATIONS.
- CONTRACTOR SHALL CONTROL AND ESCORT ALL CONSTRUCTION TRAFFIC ENTERING AIRPORT TO PREVENT CONFLICTS WITH AIRCRAFT OPERATIONS.
- SPECIAL ACCESS REQUIREMENTS AND OPERATING LIMITATIONS ARE REQUIRED INSIDE THE SECURITY FENCE. THE CONTRACTOR SHALL DELINEATE WORK LIMITS WITHIN THESE AREAS USING STAKES WITH FLAGGING AS NOTED. CONFINE ALL CONTRACTOR'S PERSONNEL, EQUIPMENT AND MATERIALS INSIDE THE OWNER'S APPROVED WORK LIMITS.
- THE CONTRACTOR SHALL PERFORM CONSTRUCTION OPERATIONS AS NECESSARY TO MINIMIZE ATTRACTION TO BIRDS CAUSED BY PONDED WATER AND GRASS SEED.
- THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN FLASHING LIGHTS AND BARRICADES ALONG AIRCRAFT APRON EDGES OR WHERE TEMPORARY PAVEMENT CLOSURES OR AIRCRAFT LIMITATIONS ARE REQUIRED. BARRICADES SHALL BE SPACED NO MORE THAN 8 FEET END TO END OR AS NOTED ALONG THE AFFECTED PAVEMENT EDGE OR ACROSS THE PAVEMENT OF A CLOSED TAXIWAY. THE CONTRACTOR SHALL DAILY MAINTAIN THE LIGHTS AND BARRICADES IN AN OPERABLE CONDITION FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL FURNISH THE OWNER A CONTACT NUMBER FOR 24-HOUR MAINTENANCE OF LIGHTS AND BARRICADES. THE COST FOR BARRICADES AND LIGHTS SHALL BE INCIDENTAL TO THE PROJECT.
- NO CONSTRUCTION TRAFFIC SHALL ENTER OR CROSS ANY ACTIVE AIRPORT OPERATIONAL AREA EXCEPT UPON AUTHORIZATION BY THE OWNER.
- REFER TO THE GENERAL NOTES FOR REQUIREMENTS PERTAINING TO STORAGE OF CONSTRUCTION EQUIPMENT AND MATERIALS WHEN NOT IN USE.
- THE CONTRACTOR SHALL COMPLY WITH ALL SAFETY REQUIREMENTS SPECIFIED HEREIN. THE CONTRACTOR SHALL DESIGNATE IN WRITING TO THE OWNER THE NAME OF ITS "CONTRACTOR SECURITY OFFICER". THE CONTRACTOR SECURITY OFFICER SHALL REPRESENT THE CONTRACTOR ON THE SECURITY REQUIREMENTS OF THE CONTRACT.
- THE CONTRACTOR'S SECURITY OFFICER SHALL BE RESPONSIBLE FOR BRIEFING ALL CONTRACTOR PERSONNEL ON THESE REQUIREMENTS. CONTRACTOR EMPLOYEES SHALL ATTEND THE OWNER'S SECURITY TRAINING SESSION AND SHALL BE BRIEFED ON THESE REQUIREMENTS PRIOR TO WORKING IN THE CONSTRUCTION AREAS.
- THE CONTRACTOR SHALL ACQUAINT THEIR SUPERVISORS AND EMPLOYEES WITH THE AIRPORT ACTIVITIES AND OPERATIONS THAT ARE INHERENT AT THIS AIRPORT AND SHALL CONDUCT THEIR CONSTRUCTION ACTIVITIES TO CONFORM TO ALL ROUTINE AND EMERGENCY AIR TRAFFIC REQUIREMENTS AND TO THE GUIDELINES ON SAFETY.
- CONTRACTOR TO FIELD VERIFY AND PROTECT ALL EXISTING UTILITIES BEFORE CONSTRUCTION WORK BEGINS.
- ALL LOCATIONS USED FOR HAUL ROUTES, STAGING AREAS, EMPLOYEE PARKING AND MATERIAL STORAGE SHALL BE CLEANED UP WHEN ALL CONSTRUCTION IS COMPLETED.
- ALL FOREMAN'S SUPERINTENDANT'S VEHICLES SHALL CONTAIN RADIOS CAPABLE OF TRANSMITTING AND RECEIVING THE UNICOM FREQUENCY OF 122.80. NORMAL RADIO COMMUNICATIONS BETWEEN CONTRACTOR PERSONNEL WILL NOT BE ALLOWED ON THE UNICOM FREQUENCY OF 122.80 OR ANY OTHER FAA FREQUENCY. THE CONTRACTOR IS REQUIRED TO MONITOR THE AIRPORT FREQUENCY WHENEVER THEIR FORCES ARE ON AIRPORT PROPERTY, WHETHER OR NOT THE RUNWAY IS OPEN OR CLOSED.
- THE CONTRACTOR IS ENCOURAGED TO DOCUMENT VIA PICTURES AND/OR VIDEO THE PRE-CONSTRUCTION CONDITION OF ALL PAVEMENTS AND STRUCTURES. ANY DAMAGE NOTICED AFTER THE CONTRACTOR'S MOBILIZATION WILL BE ASSUMED TO BE CAUSED BY THE CONTRACTOR AND SHALL BE FULLY REPAIRED AT THE CONTRACTOR'S EXPENSE.
- NO EQUIPMENT WILL BE ALLOWED WITHIN 200' OF THE PRIMARY RUNWAY 6-24 CENTERLINE. NO EQUIPMENT WILL BE PARKED OR STORED WITHIN 400' OF THE PRIMARY RUNWAY 6-24 CENTERLINE.
- NO EQUIPMENT WILL BE ALLOWED WITHIN 39.5' OF THE TAXIWAYS CENTERLINE. NO EQUIPMENT WILL BE PARKED OR STORED WITHIN 65.5' OF TAXIWAY ALPHA'S CENTERLINE.
- THE EXISTING AIRPORT PAVEMENTS ARE DESIGNED FOR AIRCRAFT TRAFFIC ONLY, AND MAY NOT SUPPORT LOADED TRUCK OR HEAVY EQUIPMENT. ANY DAMAGE RESULTING FROM THE CONTRACTOR'S ACTIONS WILL BE IMMEDIATELY REPAIRED TO FAA STANDARDS AT THE CONTRACTOR'S EXPENSE.

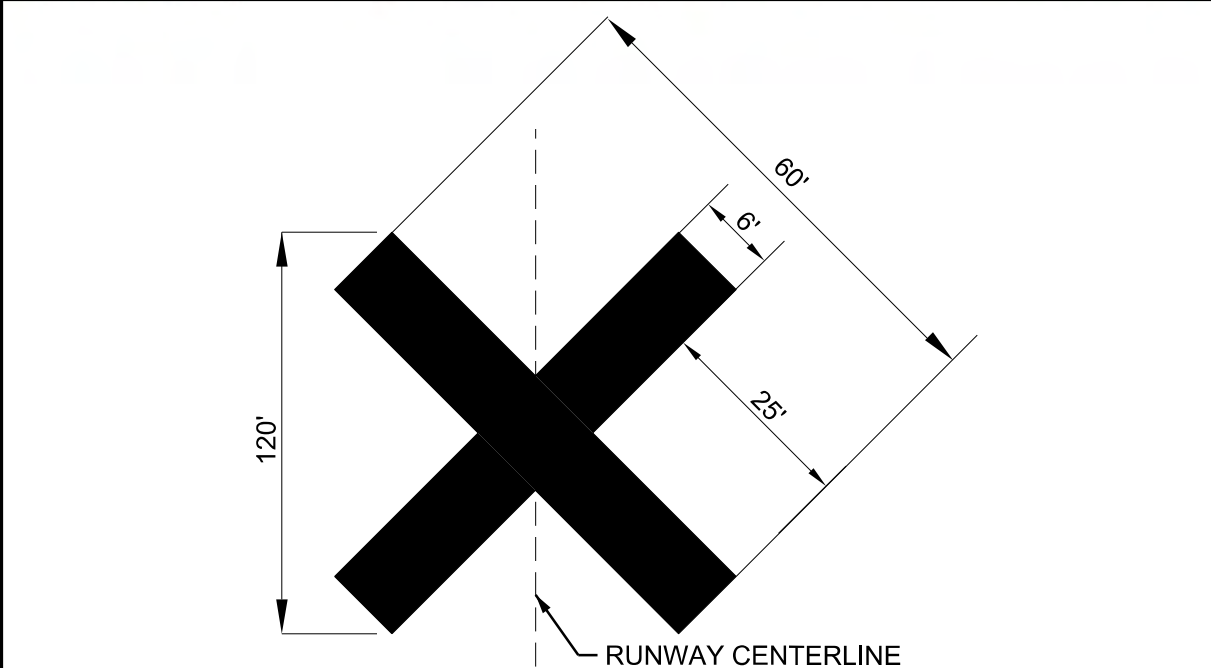


RUNWAY END	A	B	C
6	200'	663.80'	20
24	200'	681.00'	34

FAR PART 77 SURFACES
DRAWING NOT TO SCALE

SAFETY AREA DIMENSIONS

NOTE:
THE PART 77 SECTION VIEW IS CENTERED ON THE RUNWAY CENTERLINE AT THE CENTERLINE ELEVATION, AND ON THE EXTENDED RUNWAY CENTERLINE AT THE RUNWAY THRESHOLD ELEVATION TO A POINT 200 FEET BEYOND EACH THRESHOLD. THE SECTION THEN RISES ALONG THE SLOPE INDICATED ON THE PROFILE VIEW.



- NOTES:**
- CONTRACTOR SHALL BE REQUIRED TO PROVIDE AND MAINTAIN TEMPORARY RUNWAY CLOSURE MARKERS.
 - THE TEMPORARY CLOSED RUNWAY MARKINGS SHALL BE AVIATION YELLOW AND MAY BE CONSTRUCTED OF MATERIAL SUCH AS FABRIC OR PLYWOOD.
 - PLACE MARKINGS AS SHOWN ON THIS SHEET. THE LOCATION OF THE TEMPORARY CLOSED RUNWAY MARKERS SHALL BE PLACED ON THE RUNWAY CENTERLINE.
 - FOR RUNWAYS THAT HAVE BEEN TEMPORARILY CLOSED, PLACE MARKER AT EACH END OF THE RUNWAY DIRECTLY ON OR AS NEAR AS PRACTICABLE TO THE RUNWAY DESIGNATION NUMBERS.
 - FOR A MULTIPLE RUNWAY ENVIRONMENT, IF THE CLOSURE MARKER ON A DESIGNATED NUMBER WILL BE LOCATED IN THE RSA OF AN ADJACENT ACTIVE RUNWAY, LOCATE THE MARKER FURTHER DOWN THE CLOSED RUNWAY TO CLEAR THE RSA OF THE ACTIVE RUNWAY.

1 RUNWAY CLOSURE MARKER
C5.01 SCALE: N.T.S.

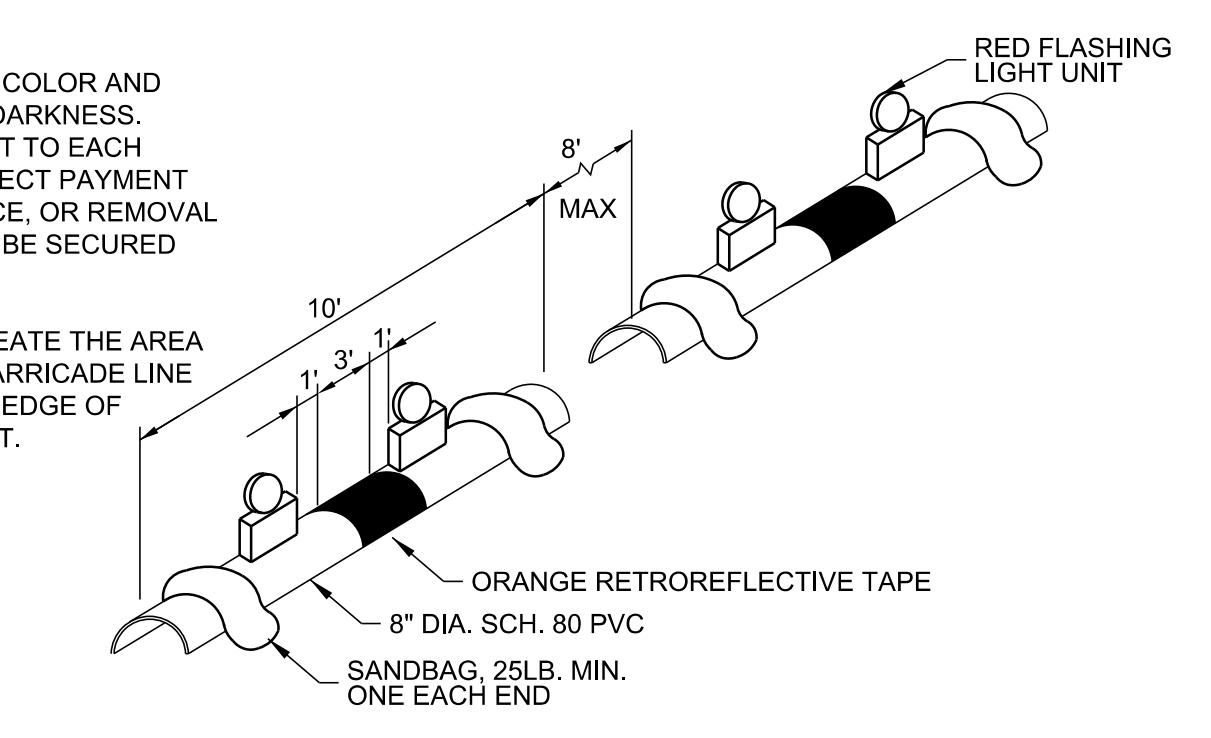
AIRPORT CONTACT INFORMATION:
PAUL TURNER
1200 NORTH MAIN STREET, MT PLEASANT, TN 38474
(931) 379-5511

LOCAL EMERGENCY PHONE NUMBERS:
EMERGENCY: 911

MOUNT PLEASANT POLICE DEPARTMENT:
(931) 379-3201

MOUNT PLEASANT FIRE DEPARTMENT:
(931) 379-3939

LIQUIDATED DAMAGES:
\$1,000 PER CALENDAR DAY



2 AIRFIELD BARRICADE DETAIL
C5.01 SCALE: N.T.S.

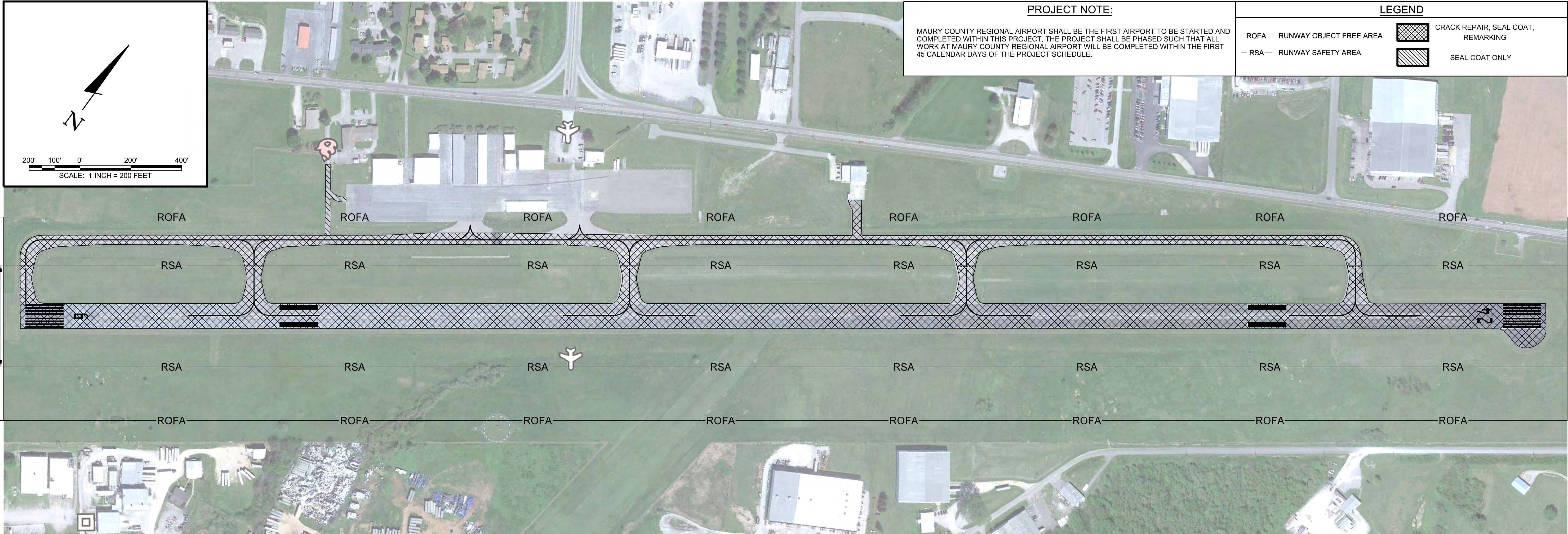
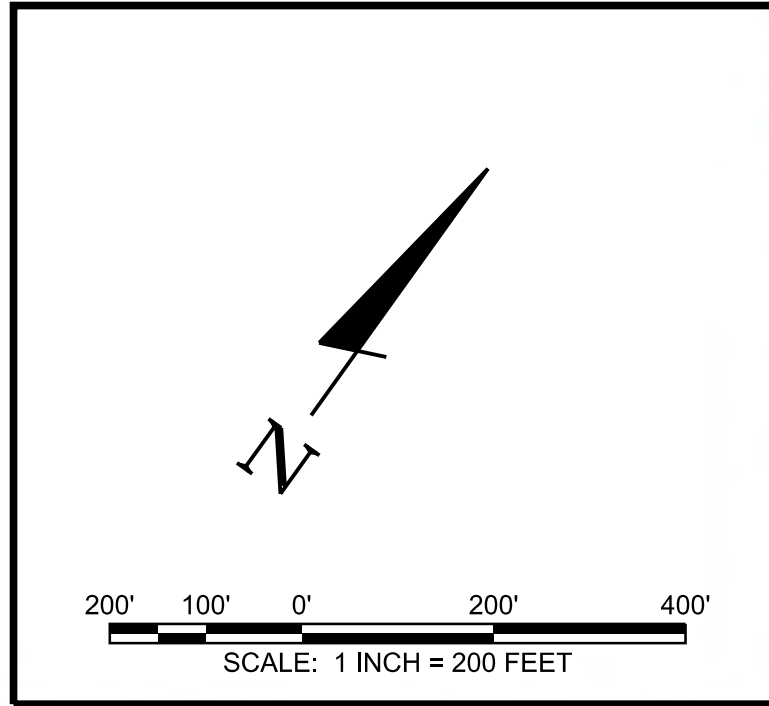
REVISION INFORMATION

REV.	OR.	CHK.	DATE	DESCRIPTION	ISSUED FOR
1	JDS	JAC	01-22-2021	ISSUED FOR BID	

C5.01

FILE NO. 36821-04

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SCHEDULE OF QUANTITIES

ITEM	BASE BID	QUANTITY	UNIT
C-100	CONTRACTOR QUALITY CONTROL PROGRAM (CQCP)	1	LS
C-105	MOBILIZATION	1	LS
P-101-5.1	CRACK REPAIR (TYPE I)	81,827	LF
P-101-5.2	CRACK REPAIR (TYPE II)	10,925	LF
P-101-5.3	AIRFIELD PAVEMENT MARKING REMOVAL	75,815	SF
P-101-5.4	CRACK REPAIR (TYPE III)	75	LF
P-608-8.1	EMULSIFIED ASPHALT SEAL COAT	101,100	SY
P-620-5.1	TEMPORARY WHITE PAINT	32,750	SF
P-620-5.2	TEMPORARY YELLOW PAINT	5,800	SF
P-620-5.3	WHITE PAINT WITH REFLECTIVE MEDIA	32,750	SF
P-620-5.4	YELLOW PAINT WITH REFLECTIVE MEDIA	5,800	SF
P-620-5.5	BLACK PAINT	1,450	SF

NOTE:

CRACK REPAIR (TYPE III) WORK SHALL BE PERFORMED WITH SEALANT THAT HAS BEEN APPROVED BY THE ENGINEER FOR VERY WIDE CRACKS. THE SEALANT SHALL BE MASTIC ONE, ELEPHANT ARMOR, OR APPROVED EQUAL.

PROJECT NOTE:

MAURY COUNTY REGIONAL AIRPORT SHALL BE THE FIRST AIRPORT TO BE STARTED AND COMPLETED WITHIN THIS PROJECT. THE PROJECT SHALL BE PHASED SUCH THAT ALL WORK AT MAURY COUNTY REGIONAL AIRPORT WILL BE COMPLETED WITHIN THE FIRST 45 CALENDAR DAYS OF THE PROJECT SCHEDULE.

LEGEND

- ROFA— RUNWAY OBJECT FREE AREA
- RSA— RUNWAY SAFETY AREA
- CRACK REPAIR, SEAL COAT, REMARKING
- SEAL COAT ONLY

CONSTRUCTION PHASING PLAN

- PHASE I. CONTRACTOR TO PLACE AIRFIELD BARRICADES AT APPROVED LOCATIONS.
 - a) IT SHALL BE MANDATED THAT THE AIRPORT SHOULD RECEIVE 48 HOUR NOTICE PRIOR TO EACH PHASE OF WORK COMMENCING.
- PHASE II. CRACK REPAIR (TYPE I CRACKS)
 - a) SEE QUANTITIES (LF).
 - b) MARKING REMOVAL (SF) MAY COMMENCE DURING PHASE II.
- PHASE III. SEAL COAT
 - a) SEE QUANTITIES (GAL).
- PHASE IV. REMARKING
 - a) SEE QUANTITIES (SF).

BARGE
DESIGN SOLUTIONS

615 3rd Avenue South, Suite 300 | Nashville, Tennessee 37210
PHONE (615) 254-1500 / FAX (615) 255-6872



OVERALL SITE LAYOUT PLAN

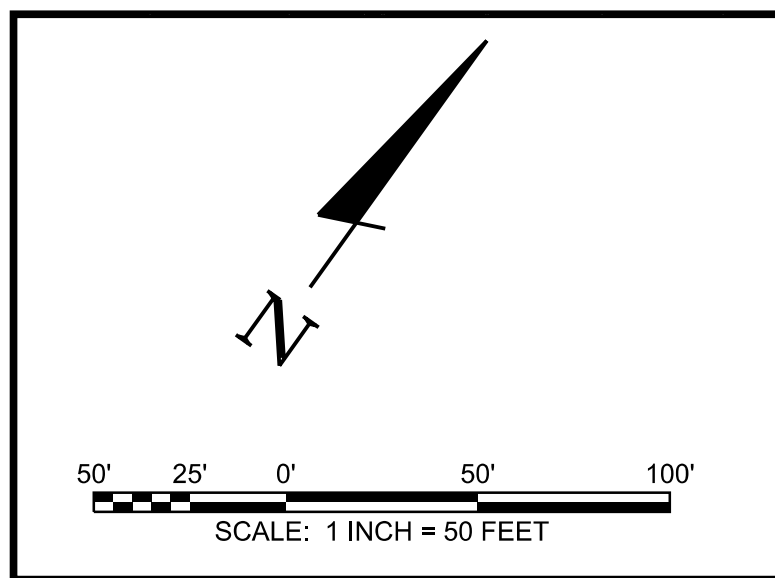
AIRFIELD PAVEMENT AND MARKING MAINTENANCE
MAURY COUNTY AIRPORT, KMRC
COLUMBIAMOUNT PLEASANT, TENNESSEE

REV.	OR.	DATE	DESCRIPTION
JDS	BCM	01/22/2021	ISSUED FOR BID

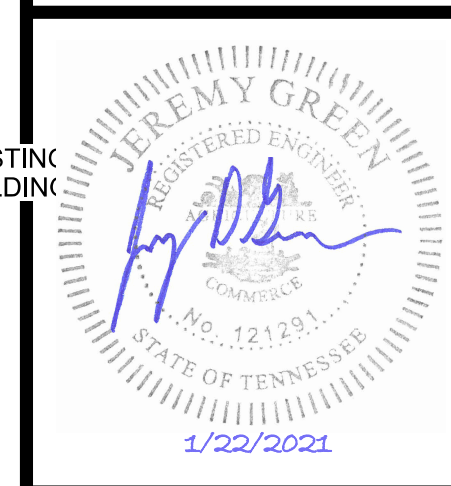
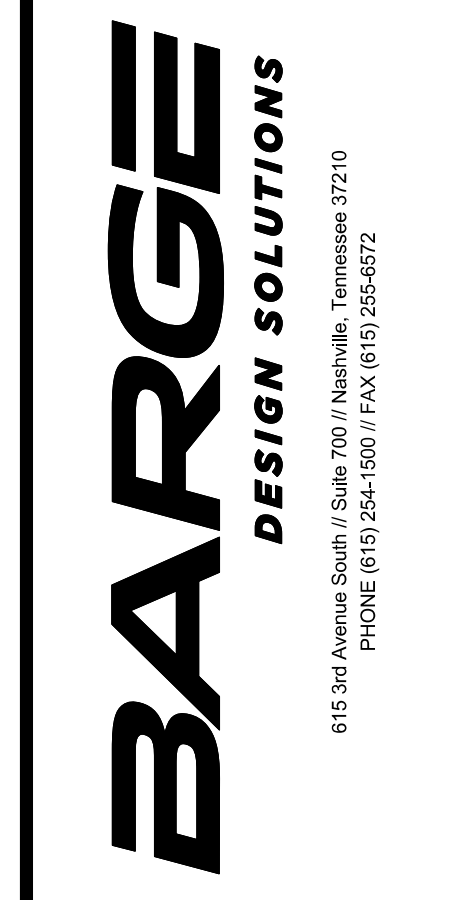
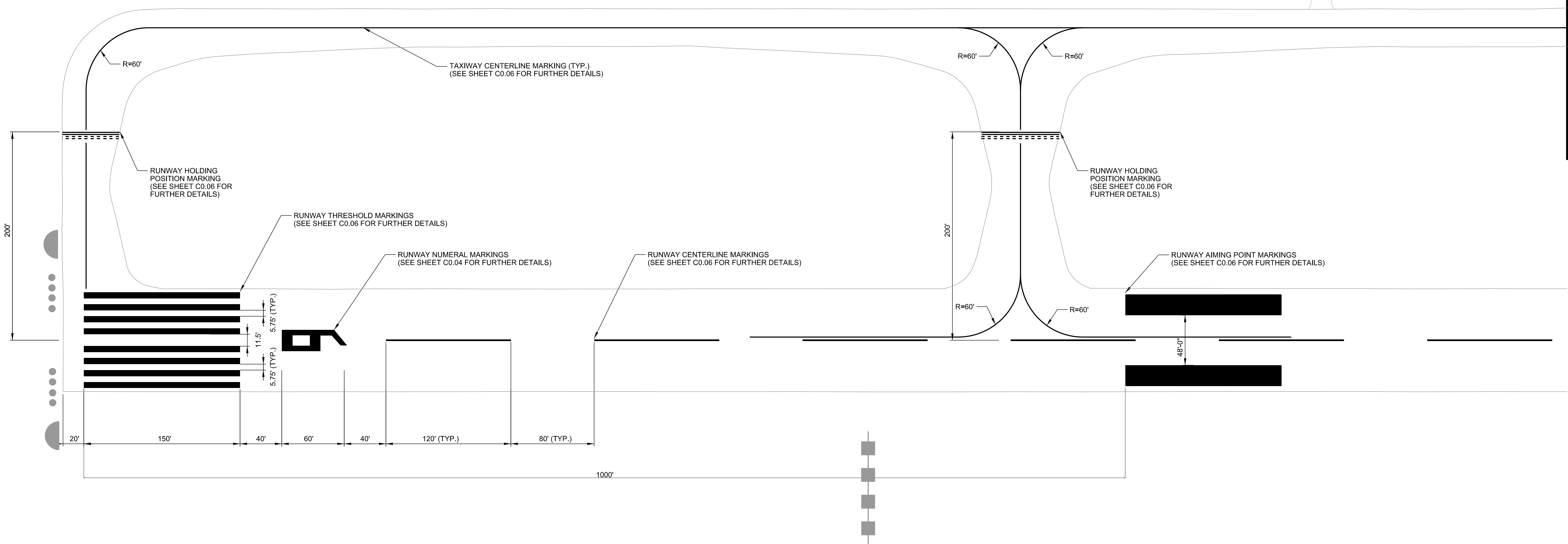
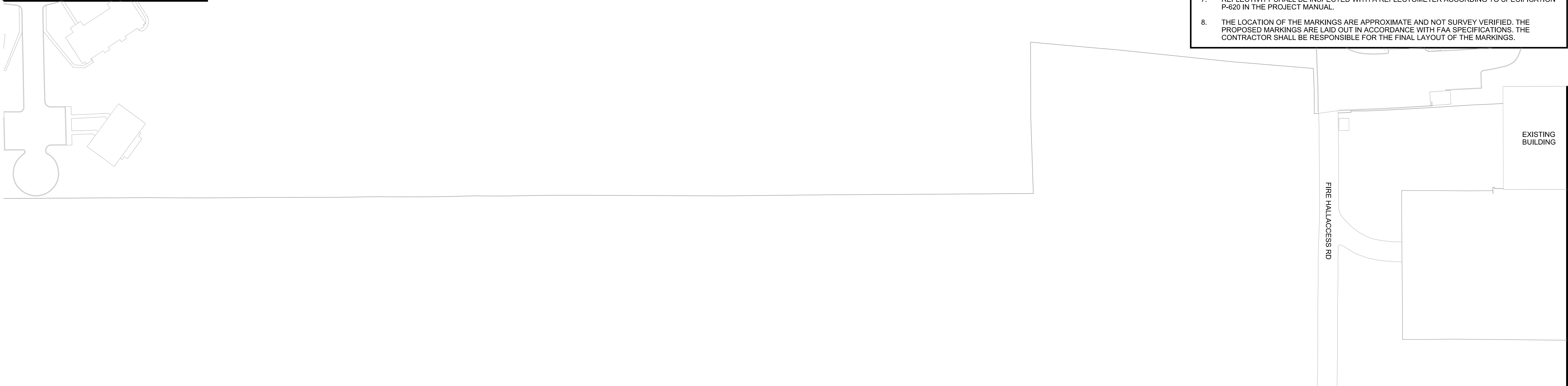
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- NOTES:
1. ALL YELLOW AND WHITE MARKINGS SHALL BE REFLECTIVE. (REFER TO SPECIFICATIONS P-620-3.6, TABLE 1, FOR THE APPLICATION RATES.)
 2. ALL MARKING PAINT SHALL CONTAIN AN TDOT APPROVED MICROBICIDE.
 3. THE SURFACE SHALL BE COMPLETELY DRY PRIOR TO STARTING THE MARKING OPERATIONS.
 4. THE MARKINGS AND REFLECTIVE MEDIA SHALL BE PLACED AT THE SPECIFIED RATES AS INDICATED IN SPECIFICATION P-620. THE REFLECTIVE MEDIA SHALL BE PLACED WITH A MECHANICAL SPREADER ONLY. NO HAND APPLICATION OF BEADS WILL BE ALLOWED.
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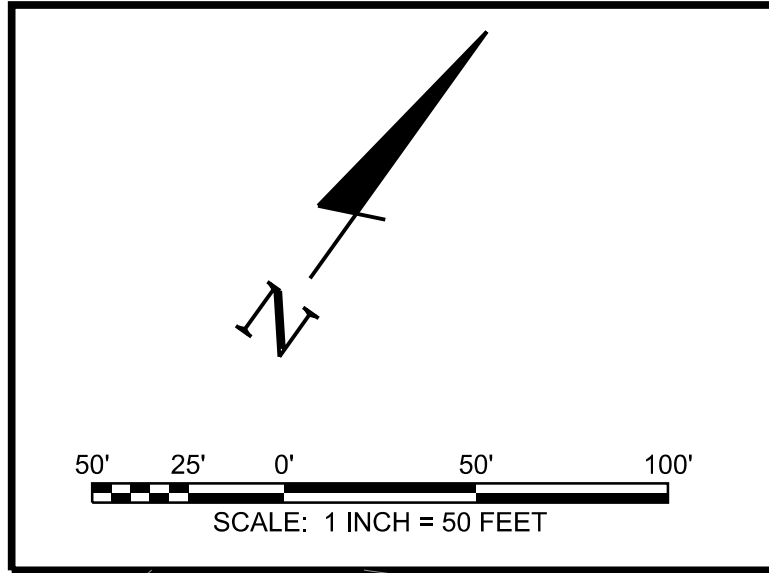
AIRFIELD MARKING PLAN
 AIRFIELD PAVEMENT AND MARKING MAINTENANCE
 MAURY COUNTY AIRPORT, KMRC
 COLUMBIAMOUNT PLEASANT, TENNESSEE

REV.	DR.	DATE	DESCRIPTION
JDS	BCM	01/22/2021	ISSUED FOR BID

C5.03

FILE NO. 36821-04

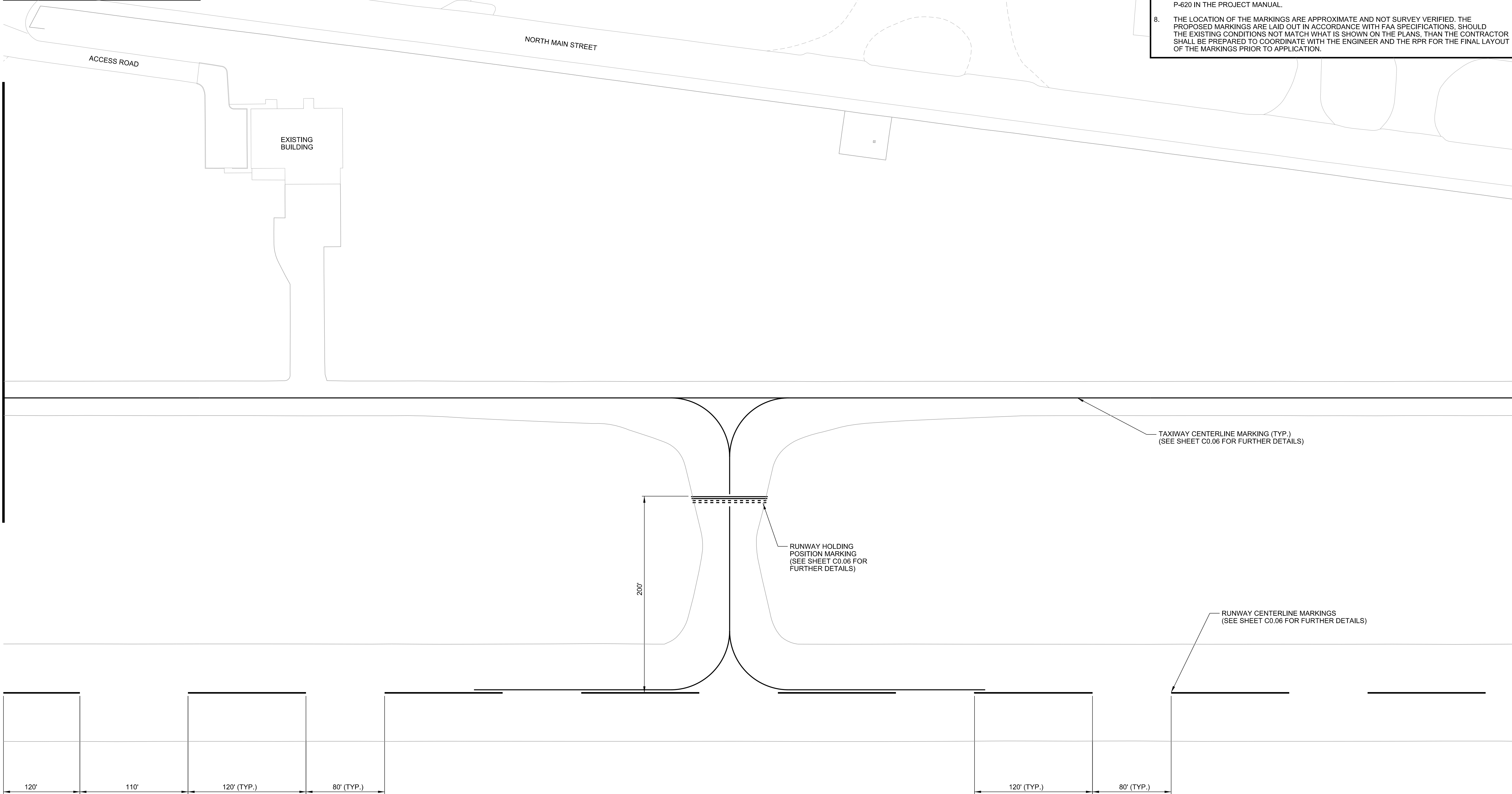
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MATCH LINE - SEE SHEET C5.04

MATCH LINE - SEE SHEET C5.06



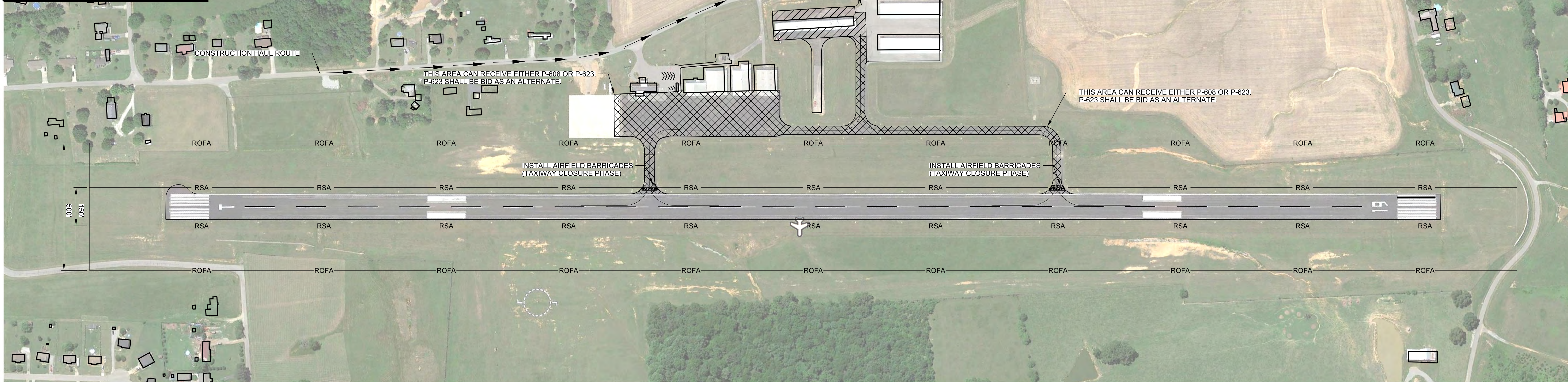
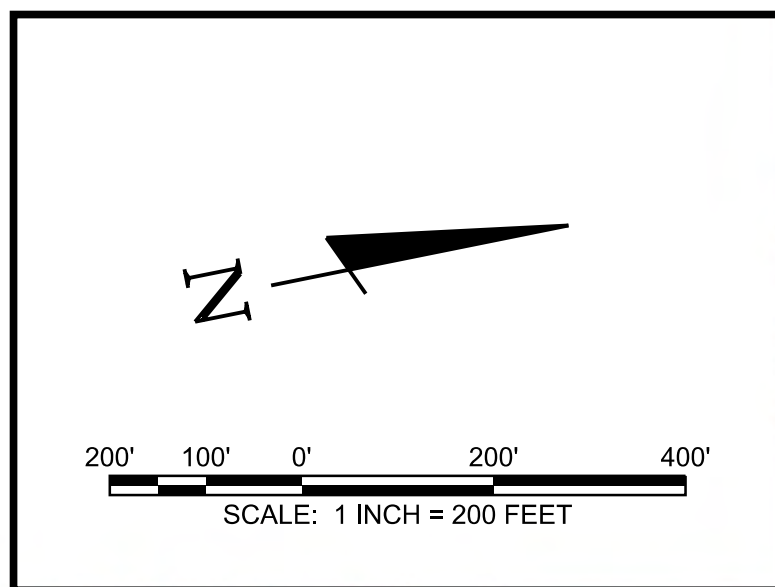
AIRFIELD MARKING PLAN
AIRFIELD PAVEMENT AND MARKING MAINTENANCE
MAURY COUNTY AIRPORT, KMRC
 COLUMBIAMOUNT PLEASANT, TENNESSEE

REVISION INFORMATION	
REV.	DESCRIPTION
CHK. JAC	ISSUED FOR BID
DATE 01/22/2021	
DR. BOM	
DES. JDS	

C5.05

FILE NO. 36821-04

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LEGEND	
→	CONSTRUCTION HAUL ROUTE
—	ROFA - RUNWAY OBJECT FREE AREA
—	RSA - RUNWAY SAFETY AREA
	CRACK REPAIR, SEAL COAT, REMARKING
	SEAL COAT ONLY

BARGE
DESIGN SOLUTIONS

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PHONE (615) 254-1500 / FAX (615) 255-5872



CONSTRUCTION SAFETY & PHASING PLAN (CSPP)

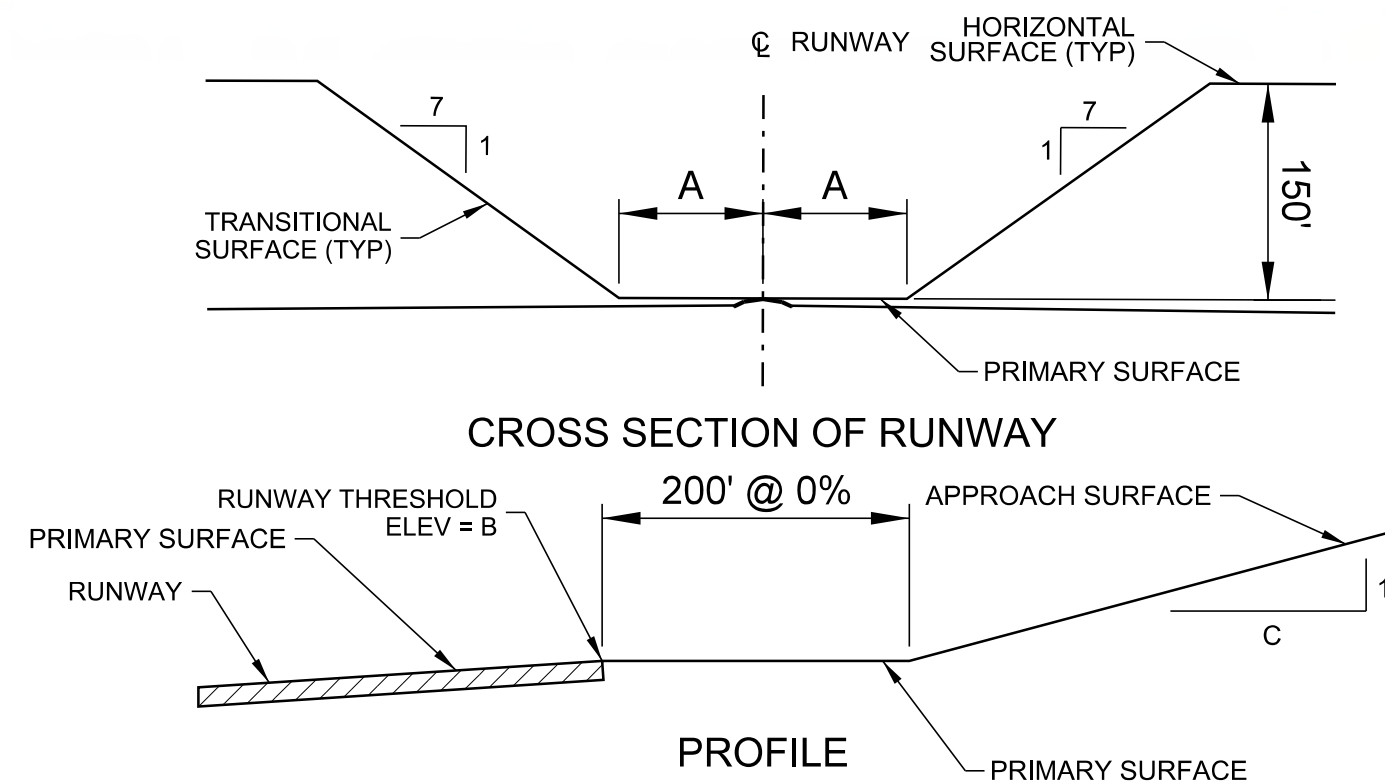
AIRFIELD PAVEMENT AND MARKING MAINTENANCE

PORTLAND MUNICIPAL AIRPORT, 1M5

PORTLAND, TENNESSEE

CONSTRUCTION SAFETY NOTES

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- THE CONTRACTOR SHALL TAKE EXTREME CAUTION AROUND ALL EXISTING AIRPORT EQUIPMENT.
- THE CONSTRUCTION ENTRANCE, STAGING AREA, EMPLOYEE PARKING, STOCKPILE AREA, WASTE AREA AND BORROW AREA SHALL BE COORDINATED WITH THE AIRPORT MANAGER.
- THE CONTRACTOR SHALL HAVE A MAN ON 24-HOUR CALL FOR EMERGENCY MAINTENANCE OF AIRPORT HAZARD LIGHTING AND BARRICADES AND OTHER EMERGENCIES WHICH MAY ARISE AS A RESULT OF THIS WORK.
- THE CONTRACTOR'S PERSONNEL AND EQUIPMENT SHALL NOT BE PERMITTED OUTSIDE THE CONSTRUCTION WORK LIMITS WITHOUT BEING ESCORTED BY THE OWNER APPROVED ESCORT.
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 - ADVISORY CIRCULAR NUMBER 150/5370-2G, "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION"
 - ADVISORY CIRCULAR NUMBER 150/5210-5D, "PAINTING, MARKING, AND LIGHTING OF VEHICLES USED ON AN AIRPORT"
- THE CONTRACTOR SHALL BE REQUIRED TO MINIMIZE DUST CREATED BY CONSTRUCTION ACTIVITIES USING WATER OR OTHER DEVICES. ANY COST ASSOCIATED WITH DUST CONTROL SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT. IN THE EVENT DUST WHICH IS CREATED BY CONSTRUCTION ACTIVITIES BECOMES A HAZARD TO AIRFIELD OPERATIONS AND/OR AIRCRAFT NAVIGATION CONSTRUCTION ACTIVITIES WILL BE SHUT DOWN. THIS SHUTDOWN TIME WILL NOT BE A BASIS FOR CLAIMS FOR ADDITIONAL CONTRACT TIME OR COMPENSATION.
- AIRCRAFT OPERATIONS SHALL AT ALL TIMES HAVE PRIORITY OVER ALL VEHICLES, EQUIPMENT AND PERSONNEL. THE CONTRACTOR SHALL EMPLOY STRICT MEASURES TO PREVENT ANY CONFLICT BETWEEN HIS PERSONNEL AND AIRCRAFT ON ANY ACTIVE AIRFIELD PAVEMENT. THE CONTRACTOR SHALL REMAIN CLEAR OF ACTIVE RUNWAYS AND TAXIWAYS.
- ALL CONTRACTOR VEHICLES, INCLUDING HAULING VEHICLES, THAT ARE AUTHORIZED TO OPERATE ON THE AIRPORT WITHIN THE DESIGNATED LIMITS OF CONSTRUCTION OR HAUL ROUTES AS DEFINED HEREIN, SHALL DISPLAY IN FULL VIEW ABOVE THE VEHICLE A 3'X3' OR LARGER ORANGE AND WHITE CHECKERBOARD FLAG. EACH CHECKERBOARD COLOR BEING 1" SQUARE. WHEN OPERATING DURING PERIODS OF DARKNESS OR LIMITED VISIBILITY, CONTRACTOR'S VEHICLE SHALL BE EQUIPPED WITH ROTATING OR FLASHING AMBER LIGHTS. DURING SUCH PERIODS, HAULING VEHICLES NOT SO EQUIPPED SHALL BE ESCORTED BY A VEHICLE SO EQUIPPED.
- CONTRACTOR SHALL CONTROL THE ON-AIRPORT MOVEMENT AND ACTIVITIES OF ITS EMPLOYEES AND SUBCONTRACTORS.
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- OPEN TRENCHES, EXCAVATIONS AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHALL BE PROMINENTLY MARKED WITH ORANGE FLAGS AND LIGHTED WITH FLASHING AMBER LIGHT UNITS (ACCEPTABLE TO THE OWNER) DURING HOURS OF RESTRICTED VISIBILITY OR DARKNESS.
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- ANY DAMAGE TO THE EXISTING AIRPORT LIGHTING SYSTEM CAUSED BY CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY NOTED TO THE OWNER AND REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE AND TO THE OWNER'S SPECIFICATIONS.
- DEBRIS, WASTE AND LOOSE MATERIAL, CAPABLE OF CAUSING DAMAGE TO AIRCRAFT LANDING GEAR, PROPELLERS AND ROTORS, OR OF BEING INGESTED BY JET ENGINES SHALL NOT BE LEFT ON ACTIVE AIRCRAFT MOVEMENT AREAS. MATERIAL DROPPED WITHIN THESE AREAS SHALL BE REMOVED CONTINUOUSLY DURING WORKING HOURS.
- THE CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY REFLECTORIZED SIGNS TO CLEARLY MARK THE DESIGNATED ACCESS ROUTES TO AFFECTED AREAS OF AIRPORT PROPERTY. CONTRACTOR SHALL CONTROL ACCESS TO THE WORKING AREA BY CONSTRUCTION VEHICLES AS DELINEATED ON THIS PLAN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INFORMING ALL PERSONS UNDER THEIR CONTROL THAT UNAUTHORIZED CONSTRUCTION PERSONNEL FOUND IN RESTRICTED AREAS OF THE AIRPORT SHOWN ON THE SAFETY PLAN ARE SUBJECT TO ARREST FOR A PUNISHABLE FEDERAL OFFENSE AND WILL PROMPTLY AND PERMANENTLY BE REMOVED FROM THE JOB.
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- SPECIAL ACCESS REQUIREMENTS AND OPERATING LIMITATIONS ARE REQUIRED INSIDE THE SECURITY FENCE. THE CONTRACTOR SHALL DELINEATE WORK LIMITS WITHIN THESE AREAS USING STAKES WITH FLAGGING AS NOTED. CONFINE ALL CONTRACTOR'S PERSONNEL, EQUIPMENT AND MATERIALS INSIDE THE OWNER'S APPROVED WORK LIMITS.
- THE CONTRACTOR SHALL PERFORM CONSTRUCTION OPERATIONS AS NECESSARY TO MINIMIZE ATTRACTION TO BIRDS CAUSED BY PONDED WATER AND GRASS SEED.
- THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN FLASHING LIGHTS AND BARRICADES ALONG AIRCRAFT APRON EDGES OR WHERE TEMPORARY PAVEMENT CLOSURES OR AIRCRAFT LIMITATIONS ARE REQUIRED. BARRICADES SHALL BE SPACED NO MORE THAN 8 FEET END TO END OR AS NOTED ALONG THE AFFECTED PAVEMENT EDGE OR ACROSS THE PAVEMENT OF A CLOSED TAXIWAY. THE CONTRACTOR SHALL DAILY MAINTAIN THE LIGHTS AND BARRICADES IN AN OPERABLE CONDITION FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL FURNISH THE OWNER A CONTACT NUMBER FOR 24-HOUR MAINTENANCE OF LIGHTS AND BARRICADES. THE COST FOR BARRICADES AND LIGHTS SHALL BE INCIDENTAL TO THE PROJECT.
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- THE CONTRACTOR SHALL ACQUAINT THEIR SUPERVISORS AND EMPLOYEES WITH THE AIRPORT ACTIVITIES AND OPERATIONS THAT ARE INHERENT AT THIS AIRPORT AND SHALL CONDUCT THEIR CONSTRUCTION ACTIVITIES TO CONFORM TO ALL ROUTINE AND EMERGENCY AIR TRAFFIC REQUIREMENTS AND TO THE GUIDELINES ON SAFETY.
- CONTRACTOR TO FIELD VERIFY AND PROTECT ALL EXISTING UTILITIES BEFORE CONSTRUCTION WORK BEGINS.
- ALL LOCATIONS USED FOR HAUL ROUTES, STAGING AREAS, EMPLOYEE PARKING AND MATERIAL STORAGE SHALL BE CLEANED UP WHEN ALL CONSTRUCTION IS COMPLETED.
- ALL FOREMAN'S SUPERINTENDANT'S VEHICLES SHALL CONTAIN RADIOS CAPABLE OF TRANSMITTING AND RECEIVING THE UNICOM FREQUENCY OF 122.80. NORMAL RADIO COMMUNICATIONS BETWEEN CONTRACTOR PERSONNEL WILL NOT BE ALLOWED ON THE UNICOM FREQUENCY OF 122.80 OR ANY OTHER FAA FREQUENCY. THE CONTRACTOR IS REQUIRED TO MONITOR THE AIRPORT FREQUENCY WHENEVER THEIR FORCES ARE ON AIRPORT PROPERTY, WHETHER OR NOT THE RUNWAY IS OPEN OR CLOSED.
- THE CONTRACTOR IS ENCOURAGED TO DOCUMENT VIA PICTURES AND/OR VIDEO THE PRE-CONSTRUCTION CONDITION OF ALL PAVEMENTS AND STRUCTURES. ANY DAMAGE NOTICED AFTER THE CONTRACTOR'S MOBILIZATION WILL BE ASSUMED TO BE CAUSED BY THE CONTRACTOR AND SHALL BE FULLY REPAIRED AT THE CONTRACTOR'S EXPENSE.
- NO EQUIPMENT WILL BE ALLOWED WITHIN 75' OF THE PRIMARY RUNWAY 1-19 CENTERLINE. NO EQUIPMENT WILL BE PARKED OR STORED WITHIN 250' OF THE PRIMARY RUNWAY 1-19 CENTERLINE.
- NO EQUIPMENT WILL BE ALLOWED WITHIN 39.5' OF THE TAXIWAY'S CENTERLINE. NO EQUIPMENT WILL BE PARKED OR STORED WITHIN 65.5' OF TAXIWAY ALPHA'S CENTERLINE.
- THE EXISTING AIRPORT PAVEMENTS ARE DESIGNED FOR AIRCRAFT TRAFFIC ONLY, AND MAY NOT SUPPORT LOADED TRUCK OR HEAVY EQUIPMENT. ANY DAMAGE RESULTING FROM THE CONTRACTOR'S ACTIONS WILL BE IMMEDIATELY REPAIRED TO FAA STANDARDS AT THE CONTRACTOR'S EXPENSE.



RUNWAY END	A	B	C
1	75'	817.60'	20
19	75'	770.10'	34

PAVEMENT	SAFETY AREA WIDTH*
R/W 1-19	150'

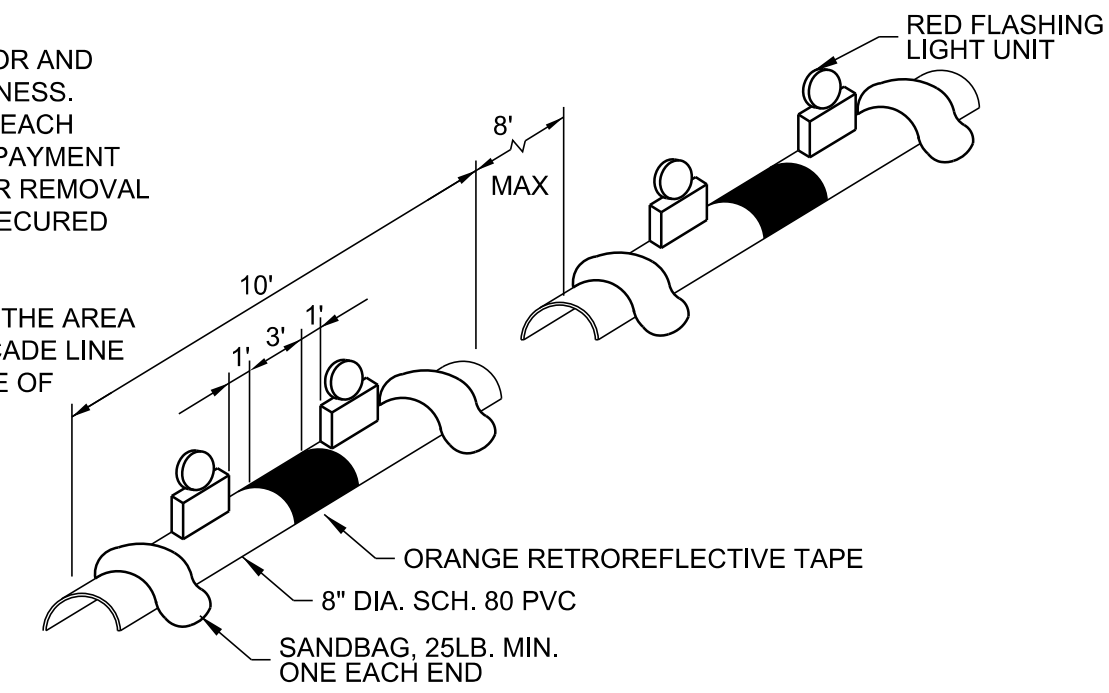
FAR PART 77 SURFACES
DRAWING NOT TO SCALE

SAFETY AREA DIMENSIONS

NOTE:
THE PART 77 SECTION VIEW IS CENTERED ON THE RUNWAY CENTERLINE AT THE CENTERLINE ELEVATION, AND ON THE EXTENDED RUNWAY CENTERLINE AT THE RUNWAY THRESHOLD ELEVATION TO A POINT 200 FEET BEYOND EACH THRESHOLD. THE SECTION THEN RISES ALONG THE SLOPE INDICATED ON THE PROFILE VIEW.

NOTES:

- CAUTION LIGHTS TO BE RED IN COLOR AND FLASHING DURING HOURS OF DARKNESS. UNITS TO BE PLACED ADJACENT TO EACH OTHER. THERE WILL BE NO DIRECT PAYMENT FOR FURNISHING, MAINTENANCE, OR REMOVAL OF THIS BARRIER. UNITS MUST BE SECURED TO PVC.
- ALL BARRICADES SHALL DELINEATE THE AREA TO BE PROTECTED AND THE BARRICADE LINE SHALL EXTEND TO 10' OFF THE EDGE OF EITHER SIDE OF ANY PAVEMENT.



1 AIRFIELD BARRICADE DETAIL
C6.01 SCALE: N.T.S.

AIRPORT CONTACT INFORMATION:
DOUGLAS HUNTER
601 AIRPORT ROAD, PORTLAND, TN 37148
(615) 323-7500

LOCAL EMERGENCY PHONE NUMBERS:
EMERGENCY:
911

PORTLAND CITY POLICE DEPARTMENT:
(615) 325-3434

PORTLAND CITY FIRE DEPARTMENT:
(615) 325-5649

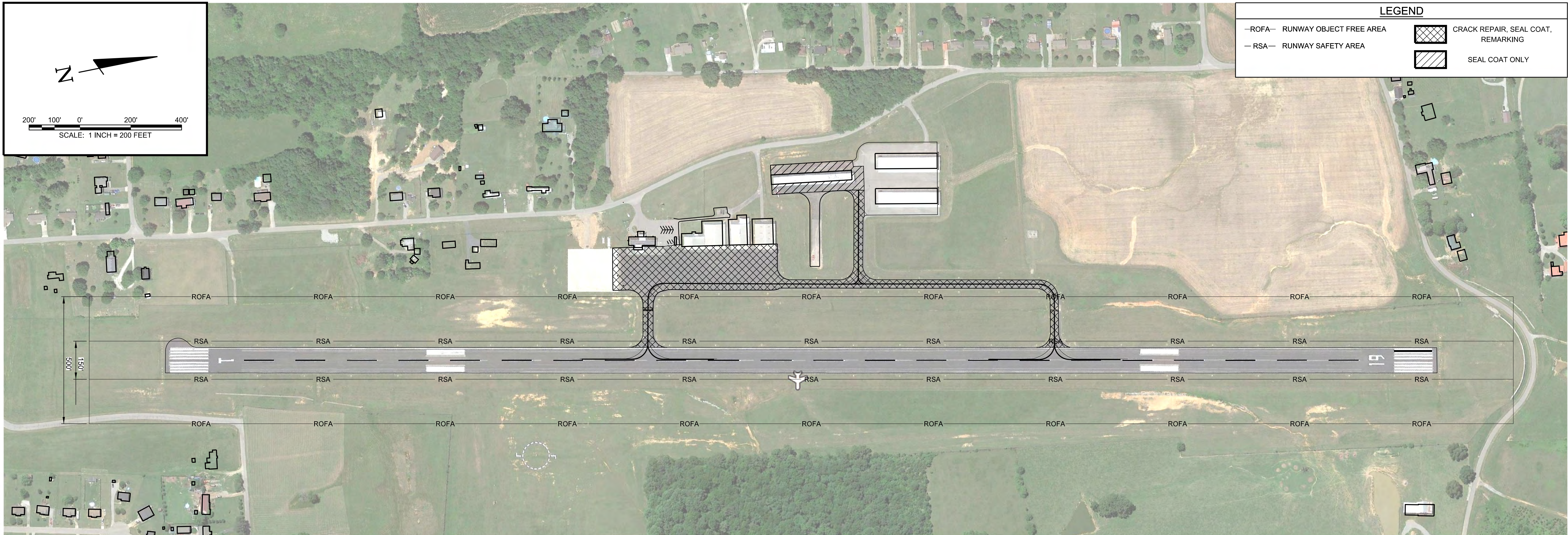
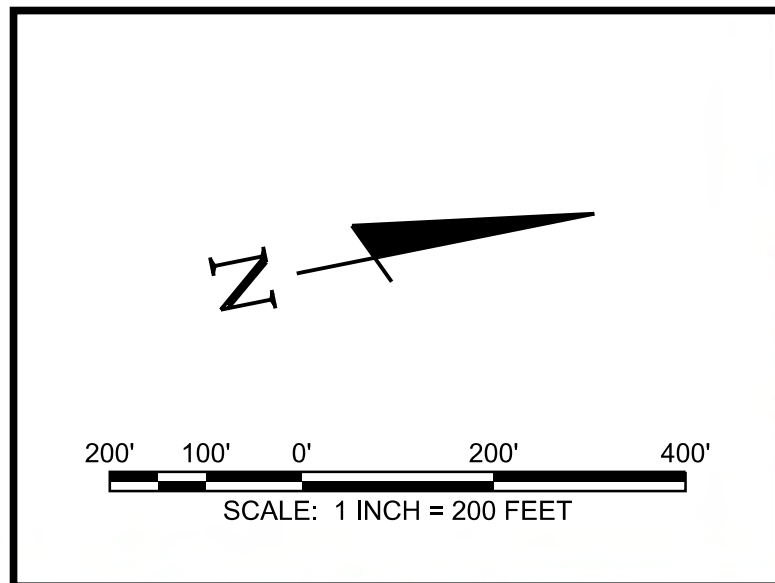
LIQUIDATED DAMAGES:
\$1,000 PER CALENDAR DAY

REV.	OR.	CHK.	DATE	DESCRIPTION	ISSUED FOR
JDS	BCJ	JAC	01-22-2021		ISSUED FOR BID

C6.01

FILE NO. 36821-04

1/20/2021 5:34:09 PM \$ INSTRS \$ USER\$ \$ TEL \$



LEGEND			
—ROFA—	RUNWAY OBJECT FREE AREA		CRACK REPAIR, SEAL COAT, REMARKING
—RSA—	RUNWAY SAFETY AREA		SEAL COAT ONLY

SCHEDULE OF QUANTITIES

ITEM	BASE BID	QUANTITY	UNIT
C-100	CONTRACTOR QUALITY CONTROL PROGRAM (CQCP)	1	LS
C-105	MOBILIZATION	1	LS
P-101-5.1	CRACK REPAIR (TYPE I)	13,670	LF
P-101-5.2	CRACK REPAIR (TYPE II)	14,315	LF
P-101-5.3	AIRFIELD PAVEMENT MARKING REMOVAL	2,325	SF
P-608-8.1	EMUSLIFIED ASPHALT SEAL COAT	23,725	SY
P-620-5.2	TEMPORARY YELLOW PAINT	2,100	SF
P-620-5.4	YELLOW PAINT WITH REFLECTIVE MEDIA	2,100	SF
P-620-5.5	BLACK PAINT	300	SF
ITEM	BID ALTERNATE No. 1	QUANTITY	UNIT
P-623-6.1	PAVEMENT FRICTION SEALCOAT SURFACE TREATMENT (FOR APRONS & TAXILANES ONLY - P-608 ALTERNATE)	23,725	SY

CONSTRUCTION PHASING PLAN

- PHASE I. CONTRACTOR TO PLACE AIRFIELD BARRICADES AT APPROVED LOCATIONS.
a) IT SHALL BE MANDATED THAT THE AIRPORT SHOULD RECEIVE 48 HOUR NOTICE PRIOR TO EACH PHASE OF WORK COMMENCING.
- PHASE II. CRACK REPAIR (TYPE I CRACKS)
a) SEE QUANTITIES (LF).
b) MARKING REMOVAL (SF) MAY COMMENCE DURING PHASE II.
- PHASE III. SEAL COAT
a) SEE QUANTITIES (GAL).
- PHASE IV. REMARKING
a) SEE QUANTITIES (SF).

BARGE
DESIGN SOLUTIONS

615 3rd Avenue South, Suite 300 | Nashville, Tennessee 37210
PHONE (615) 254-1500 / FAX (615) 255-6872



OVERALL SITE LAYOUT PLAN

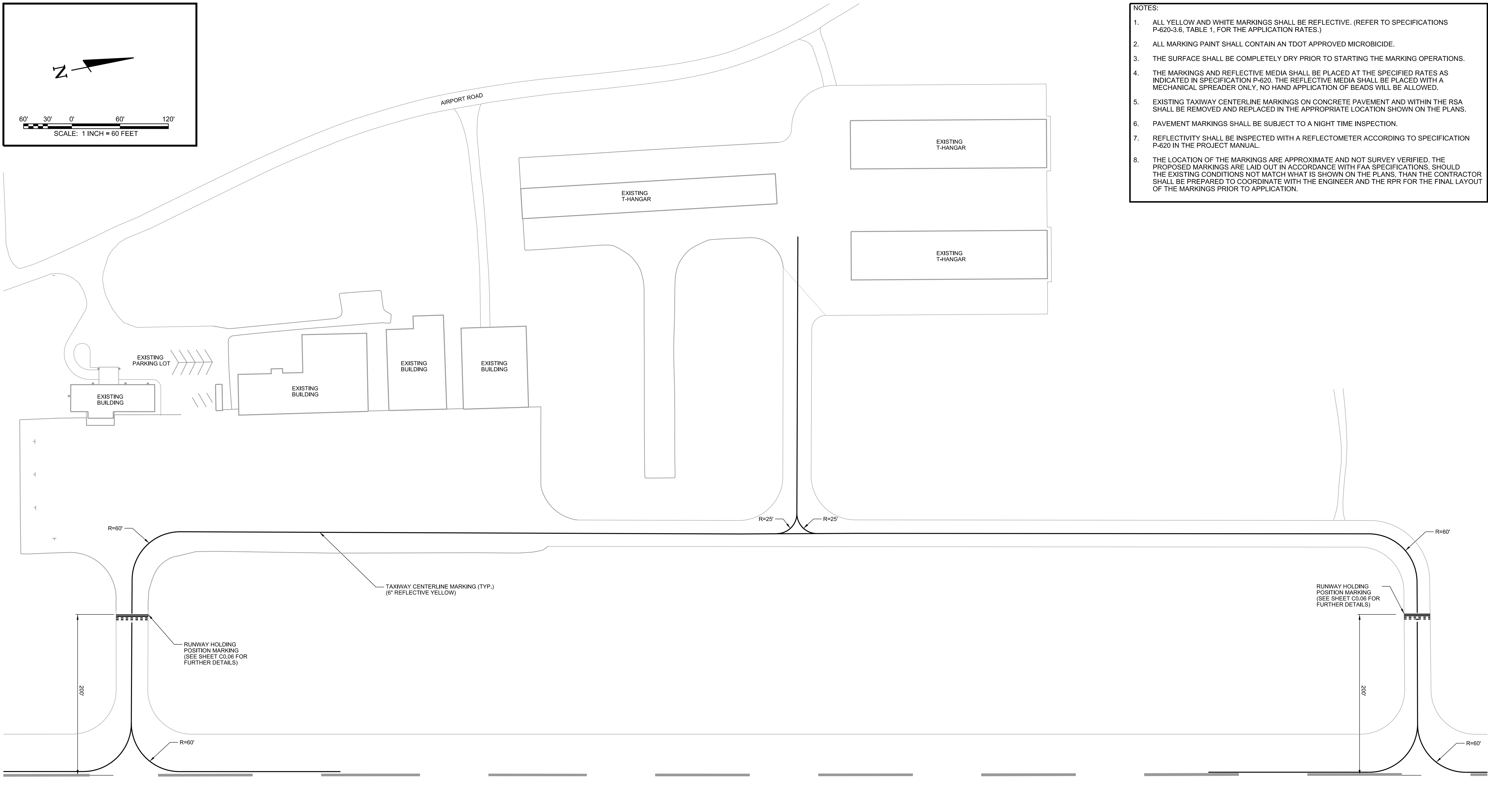
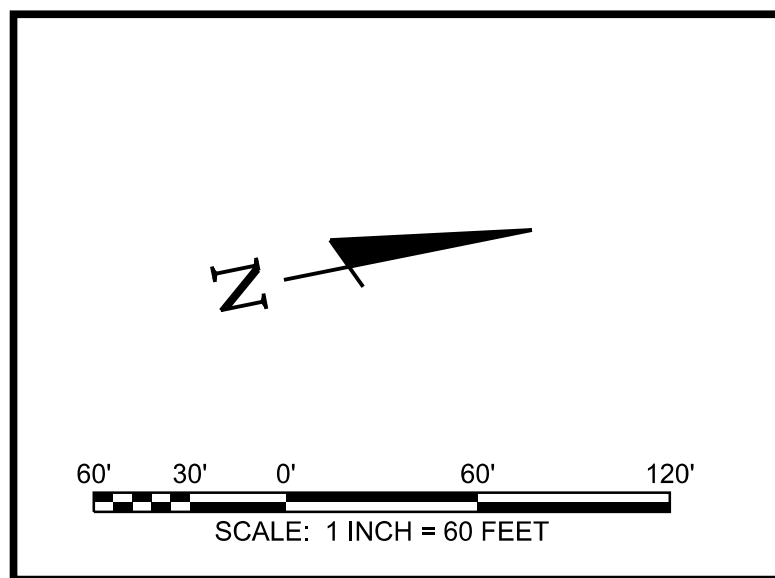
**AIRFIELD PAVEMENT AND MARKING MAINTENANCE
PORTLAND MUNICIPAL AIRPORT, 1M5
PORTLAND, TENNESSEE**

REV.	OR.	CHK.	DATE	DESCRIPTION
JDS	BCM	JAC	01/22/2021	ISSUED FOR BID

C6.02

FILE NO. 36821-04

1/20/2021 5:58:06 PM \$ INSTR\$ \$ USER\$ \$ TBL\$



- NOTES:
1. ALL YELLOW AND WHITE MARKINGS SHALL BE REFLECTIVE. (REFER TO SPECIFICATIONS P-620-3.6, TABLE 1, FOR THE APPLICATION RATES.)
 2. ALL MARKING PAINT SHALL CONTAIN AN TDOT APPROVED MICROBICIDE.
 3. THE SURFACE SHALL BE COMPLETELY DRY PRIOR TO STARTING THE MARKING OPERATIONS.
 4. THE MARKINGS AND REFLECTIVE MEDIA SHALL BE PLACED AT THE SPECIFIED RATES AS INDICATED IN SPECIFICATION P-620. THE REFLECTIVE MEDIA SHALL BE PLACED WITH A MECHANICAL SPREADER ONLY, NO HAND APPLICATION OF BEADS WILL BE ALLOWED.
 5. EXISTING TAXIWAY CENTERLINE MARKINGS ON CONCRETE PAVEMENT AND WITHIN THE RSA SHALL BE REMOVED AND REPLACED IN THE APPROPRIATE LOCATION SHOWN ON THE PLANS.
 6. PAVEMENT MARKINGS SHALL BE SUBJECT TO A NIGHT TIME INSPECTION.
 7. REFLECTIVITY SHALL BE INSPECTED WITH A REFLECTOMETER ACCORDING TO SPECIFICATION P-620 IN THE PROJECT MANUAL.
 8. THE LOCATION OF THE MARKINGS ARE APPROXIMATE AND NOT SURVEY VERIFIED. THE PROPOSED MARKINGS ARE LAID OUT IN ACCORDANCE WITH FAA SPECIFICATIONS, SHOULD THE EXISTING CONDITIONS NOT MATCH WHAT IS SHOWN ON THE PLANS, THEN THE CONTRACTOR SHALL BE PREPARED TO COORDINATE WITH THE ENGINEER AND THE RPR FOR THE FINAL LAYOUT OF THE MARKINGS PRIOR TO APPLICATION.



AIRFIELD MARKING PLAN
AIRFIELD PAVEMENT AND MARKING MAINTENANCE
PORTLAND MUNICIPAL AIRPORT, 1M5
 PORTLAND, TENNESSEE

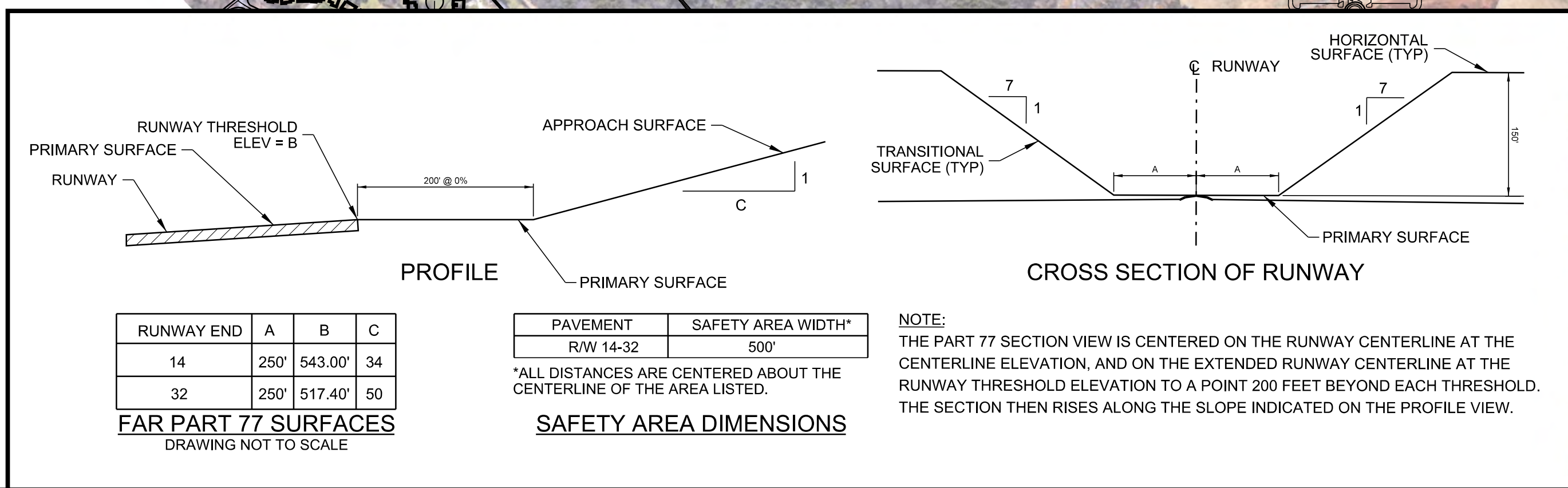
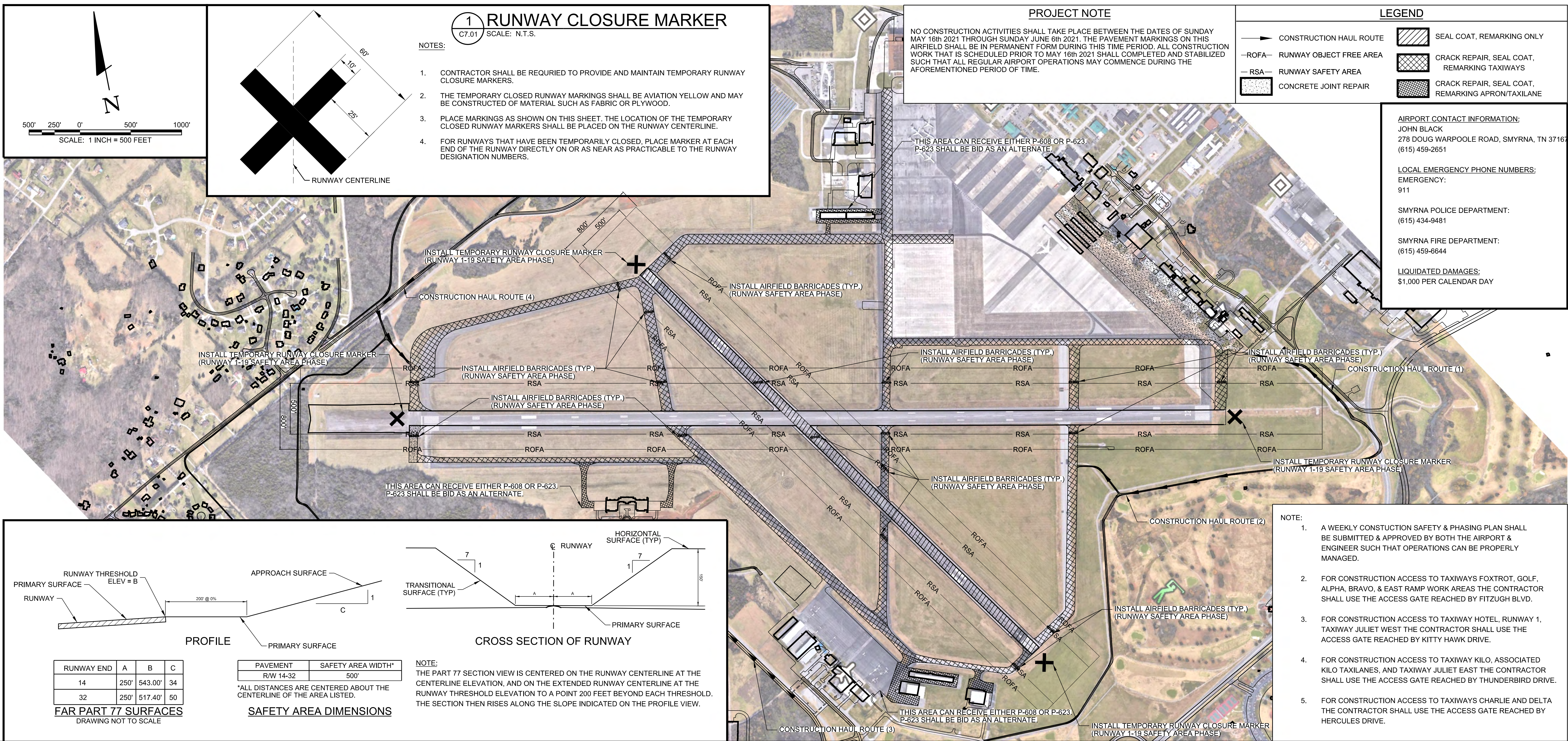
REVISION INFORMATION	
REV.	DESCRIPTION

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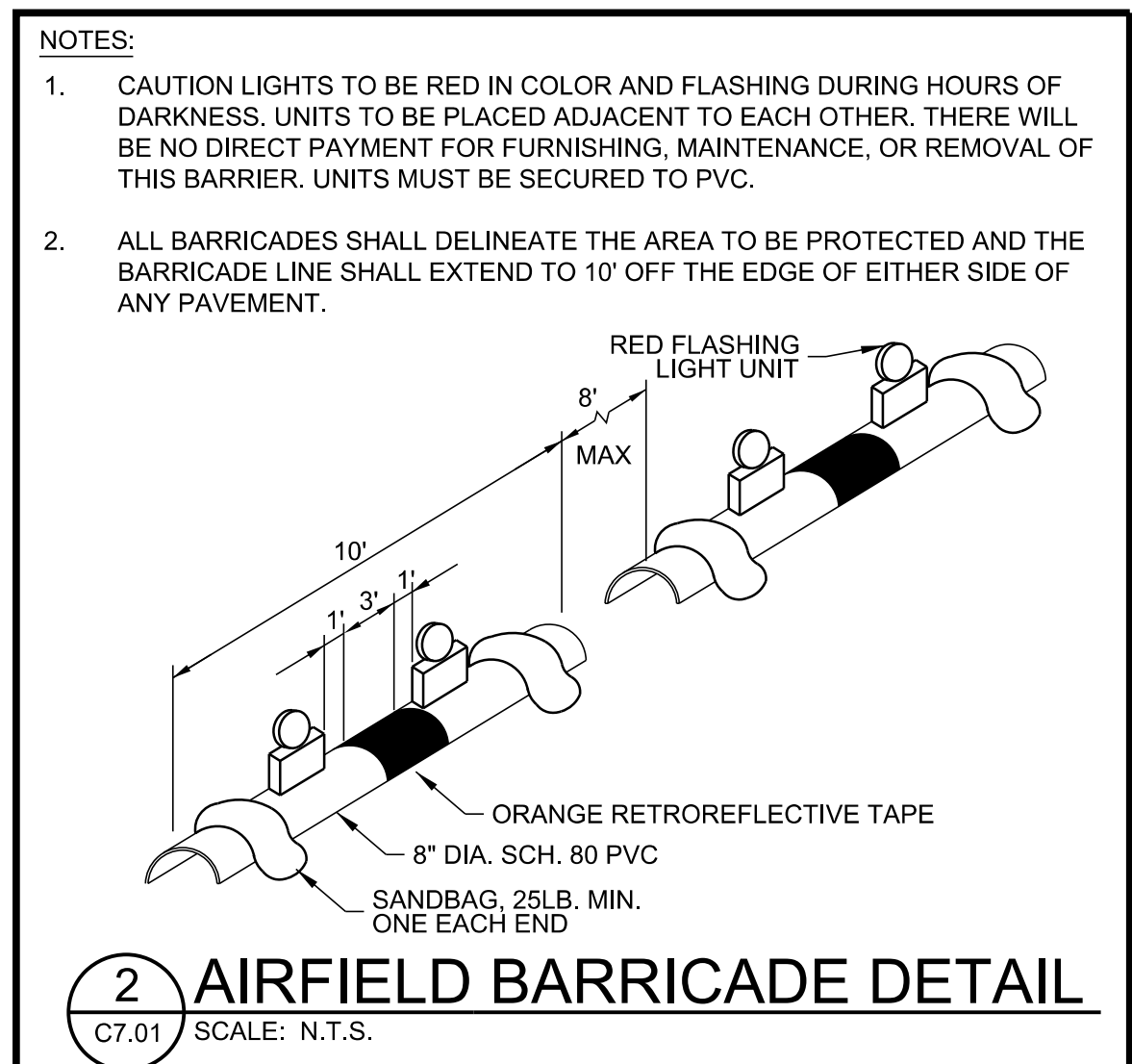
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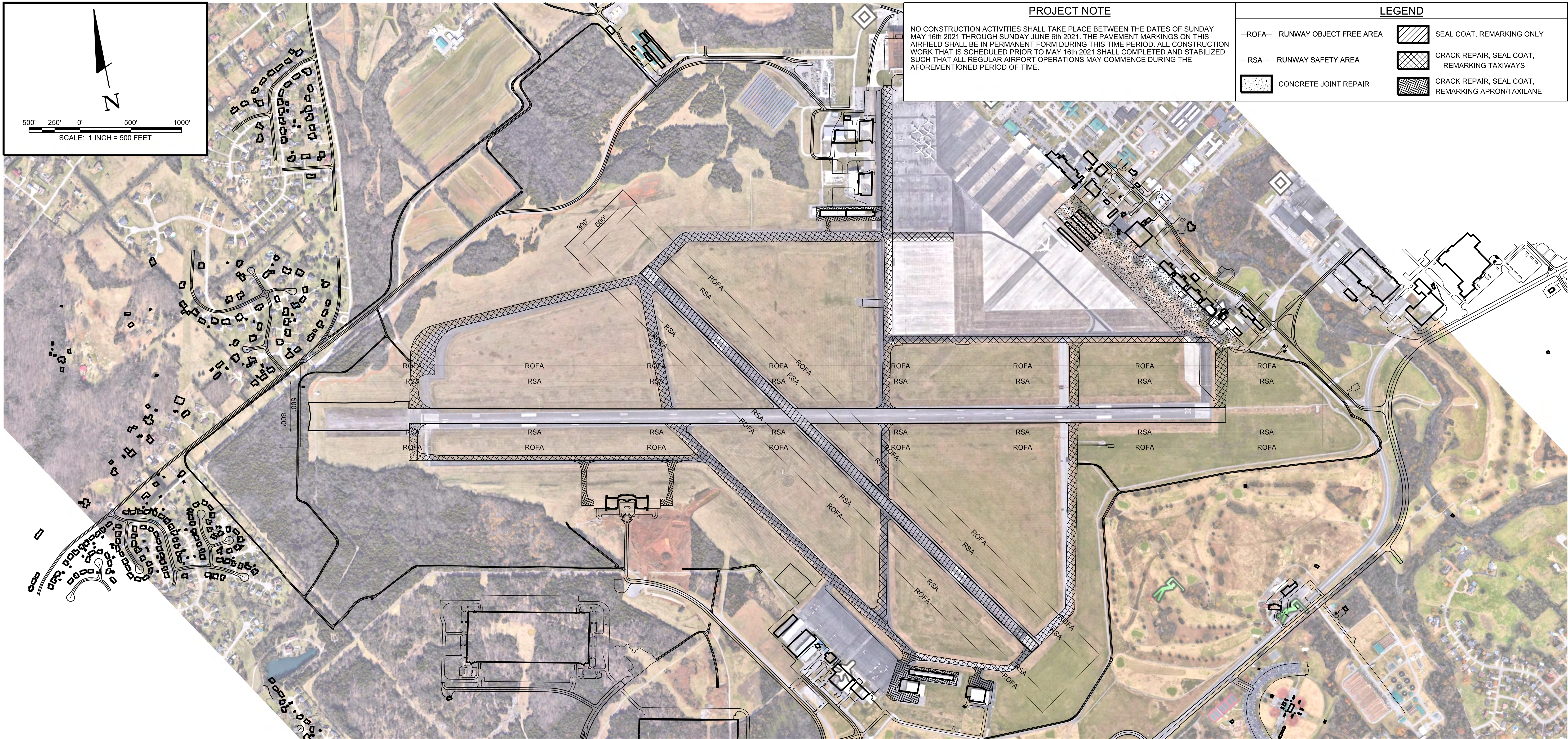
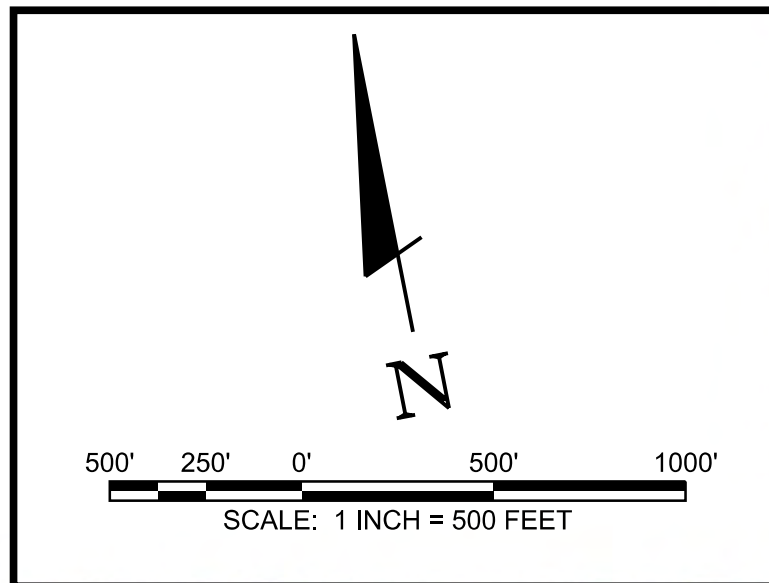
REV.	OR.	CHK.	DATE	DESCRIPTION
JDS	JAC	JAC	01-22-2021	ISSUED FOR BID



CONSTRUCTION SAFETY NOTES

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER AND THE AIRPORT NOT LESS THAN TWO (2) DAYS PRIOR TO ENTERING THE CONSTRUCTION SITE FOR ANY PURPOSE SO THAT THEY MAY PUBLISH "NOTICES TO AIRMAN" OF THE CONSTRUCTION ACTIVITIES.
- SUFFICIENT SWEEPERS AND CLEAN UP EQUIPMENT SHALL BE PROVIDED IN ORDER THAT ALL LOOSE MATERIAL, DEBRIS AND MUD CAN BE REMOVED FROM ALL AIRPORT OPERATIONS AREAS ON A CONTINUOUS BASIS.
- NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR RADIOS, CONSTRUCTION OF AND MAINTENANCE OF HAUL ROUTES AND CONSTRUCTION ENTRANCE, ETC. AS INCLUDED IN THESE NOTES. ALL COSTS ASSOCIATED WITH THESE ITEMS MUST BE INCLUDED IN THE CONTRACT BID PRICES WHICH WOULD MOST LIKELY INCLUDE THEM.
- THE CONTRACTOR AND PERSONNEL SHALL NOT, AT ANY TIME, BE ON THE RUNWAY OR TAXIWAYS UNLESS THE AIRPORT MANAGER GIVES PRIOR APPROVAL.
- THE CONTRACTOR SHALL TAKE EXTREME CAUTION AROUND ALL EXISTING AIRPORT EQUIPMENT.
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- ALL LOCATIONS USED FOR HAUL ROUTES, STAGING AREAS, EMPLOYEE PARKING AND MATERIAL STORAGE SHALL BE CLEANED UP WHEN ALL CONSTRUCTION IS COMPLETED.
- ALL FOREMAN'S SUPERINTENDANT'S VEHICLES SHALL CONTAIN RADIOS CAPABLE OF TRANSMITTING AND RECEIVING THE UNICOM FREQUENCY OF 122.95. NORMAL RADIO COMMUNICATIONS BETWEEN CONTRACTOR PERSONNEL WILL NOT BE ALLOWED ON THE UNICOM FREQUENCY OF 122.95 OR ANY OTHER FAA FREQUENCY. THE CONTRACTOR IS REQUIRED TO MONITOR THE AIRPORT FREQUENCY WHENEVER THEIR FORCES ARE ON AIRPORT PROPERTY, WHETHER OR NOT THE RUNWAY IS OPEN OR CLOSED.
- THE CONTRACTOR IS ENCOURAGED TO DOCUMENT VIA PICTURES AND/OR VIDEO THE PRE-CONSTRUCTION CONDITION OF ALL PAVEMENTS AND STRUCTURES. ANY DAMAGE NOTICED AFTER THE CONTRACTOR'S MOBILIZATION WILL BE ASSUMED TO BE CAUSED BY THE CONTRACTOR AND SHALL BE FULLY REPAIRED AT THE CONTRACTOR'S EXPENSE.
- NO EQUIPMENT WILL BE ALLOWED WITHIN 250' OF THE PRIMARY RUNWAY 14-32 CENTERLINE. NO EQUIPMENT WILL BE PARKED OR STORED WITHIN 400' OF THE PRIMARY RUNWAY 14-32 CENTERLINE.
- NO EQUIPMENT WILL BE ALLOWED WITHIN 39.5' OF THE TAXIWAY'S CENTERLINE. NO EQUIPMENT WILL BE PARKED OR STORED WITHIN 65.5' OF TAXIWAY ALPHA'S CENTERLINE.
- THE EXISTING AIRPORT PAVEMENTS ARE DESIGNED FOR AIRCRAFT TRAFFIC ONLY, AND MAY NOT SUPPORT LOADED TRUCK OR HEAVY EQUIPMENT. ANY DAMAGE RESULTING FROM THE CONTRACTOR'S ACTIONS WILL BE IMMEDIATELY REPAIRED TO FAA STANDARDS AT THE CONTRACTOR'S EXPENSE.





PROJECT NOTE

NO CONSTRUCTION ACTIVITIES SHALL TAKE PLACE BETWEEN THE DATES OF SUNDAY MAY 16th 2021 THROUGH SUNDAY JUNE 6th 2021. THE PAVEMENT MARKINGS ON THIS AIRFIELD SHALL BE IN PERMANENT FORM DURING THIS TIME PERIOD. ALL CONSTRUCTION WORK THAT IS SCHEDULED PRIOR TO MAY 16th 2021 SHALL COMPLETED AND STABILIZED SUCH THAT ALL REGULAR AIRPORT OPERATIONS MAY COMMENCE DURING THE FOREMENTIONED PERIOD OF TIME.

LEGEND

- ROFA— RUNWAY OBJECT FREE AREA
- RSA— RUNWAY SAFETY AREA
- CONCRETE JOINT REPAIR
- SEAL COAT, REMARKING ONLY
- CRACK REPAIR, SEAL COAT, REMARKING TAXIWAYS
- CRACK REPAIR, SEAL COAT, REMARKING APRON/TAXILANE

SCHEDULE OF QUANTITIES

ITEM	BASE BID	QUANTITY	UNIT
C-100	CONTRACTOR QUALITY CONTROL PROGRAM (CQCP)	1	LS
C-105	MOBILIZATION	1	LS
P-101-5.1	CRACK REPAIR (TYPE I)	323,897	LF
P-101-5.2	CRACK REPAIR (TYPE II)	80,783	LF
P-101-5.3	AIRFIELD PAVEMENT MARKING REMOVAL	159,047	SF
P-605-5.1	JOINT SEALING FILLER	99,920	LF
P-608-8.1	EMULSIFIED ASPHALT SEAL COAT (FOR RUNWAYS & TAXIWAYS)	244,570	SY
P-608-8.1	EMULSIFIED ASPHALT SEAL COAT (FOR APRONS & TAXILANES)	29,050	SY
P-620-5.1	TEMPORARY WHITE PAINT	64,692	SF
P-620-5.2	TEMPORARY YELLOW PAINT	44,615	SF
P-620-5.3	WHITE PAINT WITH REFLECTIVE MEDIA	64,692	SF
P-620-5.4	YELLOW PAINT WITH REFLECTIVE MEDIA	44,615	SF
P-620-5.5	BLACK PAINT	8,840	SF
P-620-5.6	RED PAINT	1,600	SF
ITEM	BASE BID	QUANTITY	UNIT
P-623-6.1	PAVEMENT FRICTION SEALCOAT SURFACE TREATMENT (FOR APRONS & TAXILANES ONLY - P-608 ALTERNATE)	29,050	SY

CONSTRUCTION PHASING PLAN

NOTE:

- A WEEKLY CONSTRUCTION SAFETY & PHASING PLAN SHALL BE SUBMITTED & APPROVED BY BOTH THE AIRPORT & ENGINEER SUCH THAT OPERATIONS CAN BE PROPERLY MANAGED.
- FOR CONSTRUCTION ACCESS TO TAXIWAYS FOXTROT, GOLF, ALPHA, BRAVO, & EAST RAMP WORK AREAS THE CONTRACTOR SHALL USE THE ACCESS GATE REACHED BY FITZUGH BLVD.
- FOR CONSTRUCTION ACCESS TO TAXIWAY HOTEL, RUNWAY 1, TAXIWAY JULIET WEST THE CONTRACTOR SHALL USE THE ACCESS GATE REACHED BY KITTY HAWK DRIVE.
- FOR CONSTRUCTION ACCESS TO TAXIWAY KILO, ASSOCIATED KILO TAXILANES, AND TAXIWAY JULIET EAST THE CONTRACTOR SHALL USE THE ACCESS GATE REACHED BY THUNDERBIRD DRIVE.
- FOR CONSTRUCTION ACCESS TO TAXIWAYS CHARLIE AND DELTA THE CONTRACTOR SHALL USE THE ACCESS GATE REACHED BY HERCULES DRIVE.

GENERAL CONSTRUCTION SEQUENCE PLAN

- PHASE I.** CONTRACTOR TO PLACE AIRFIELD BARRICADES AT APPROVED LOCATIONS.
a) IT SHALL BE MANDATED THAT THE AIRPORT SHOULD RECEIVE 48 HOUR NOTICE PRIOR TO EACH PHASE OF WORK COMMENCING.
- PHASE II.** CRACK REPAIR (TYPE III CRACKS) & CONCRETE JOINT REPAIR
a) SEE QUANTITIES (LF).
b) MARKING REMOVAL (SF) MAY COMMENCE DURING PHASE II.
- PHASE III.** SEAL COAT
a) SEE QUANTITIES (GAL).
- PHASE IV.** REMARKING
a) SEE QUANTITIES (SF).



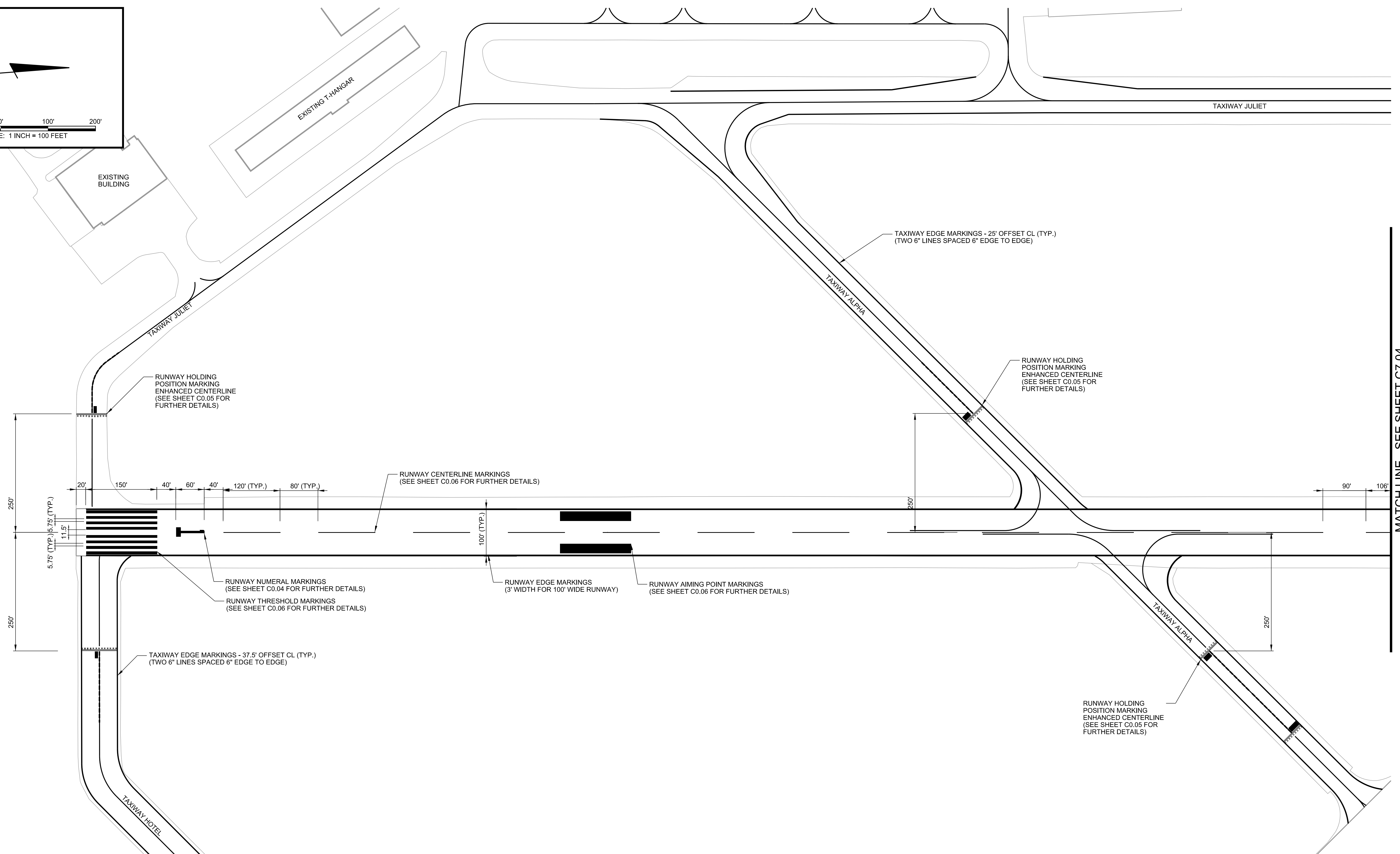
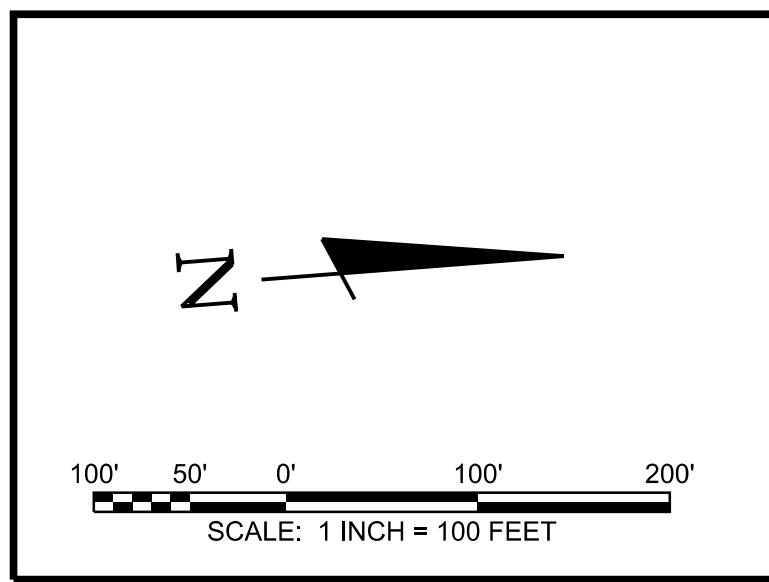
OVERALL SITE LAYOUT PLAN
AIRFIELD PAVEMENT AND MARKING MAINTENANCE
SMYRNA AIRPORT, KMQY
 SMYRNA, TENNESSEE

REV.	OR.	CHK.	DATE	DESCRIPTION
JDS	BCM	JAC	01/22/2021	ISSUED FOR BID

C7.02

FILE NO. 36821-04

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- NOTES:**
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 2. ALL MARKING PAINT SHALL CONTAIN AN TDOT APPROVED MICROBICIDE.
 3. THE SURFACE SHALL BE COMPLETELY DRY PRIOR TO STARTING THE MARKING OPERATIONS.
 4. THE MARKINGS AND REFLECTIVE MEDIA SHALL BE PLACED AT THE SPECIFIED RATES AS INDICATED IN SPECIFICATION P-620. THE REFLECTIVE MEDIA SHALL BE PLACED WITH A MECHANICAL SPREADER ONLY; NO HAND APPLICATION OF BEADS WILL BE ALLOWED.
 5. EXISTING TAXIWAY CENTERLINE MARKINGS ON CONCRETE PAVEMENT AND WITHIN THE RSA SHALL BE REMOVED AND REPLACED IN THE APPROPRIATE LOCATION SHOWN ON THE PLANS.
 6. PAVEMENT MARKINGS SHALL BE SUBJECT TO A NIGHT TIME INSPECTION.
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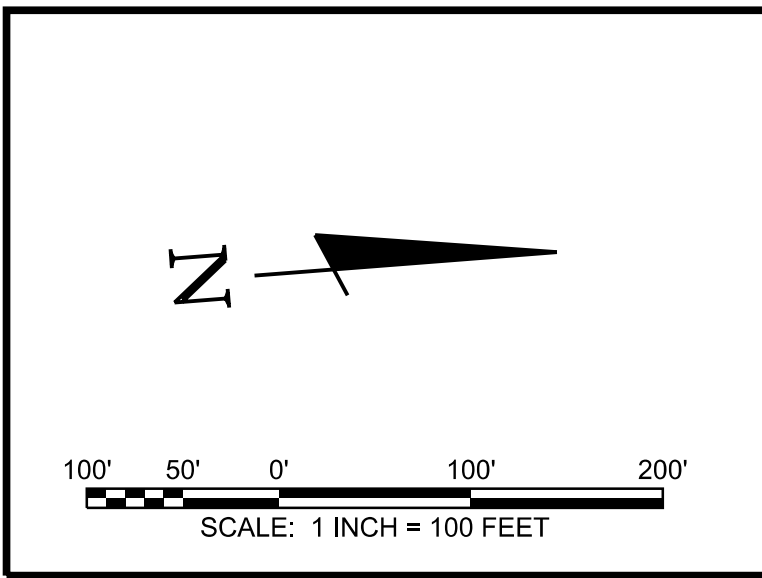
AIRFIELD MARKING PLAN - RUNWAY SAFETY AREA
AIRFIELD PAVEMENT AND MARKING MAINTENANCE
SMYRNA AIRPORT, KMQY
SMYRNA, TENNESSEE

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CHK.	DATE
JAC	01/22/2021
BCM	ISSUED FOR BID
REV.	OR.
JDS	BCM

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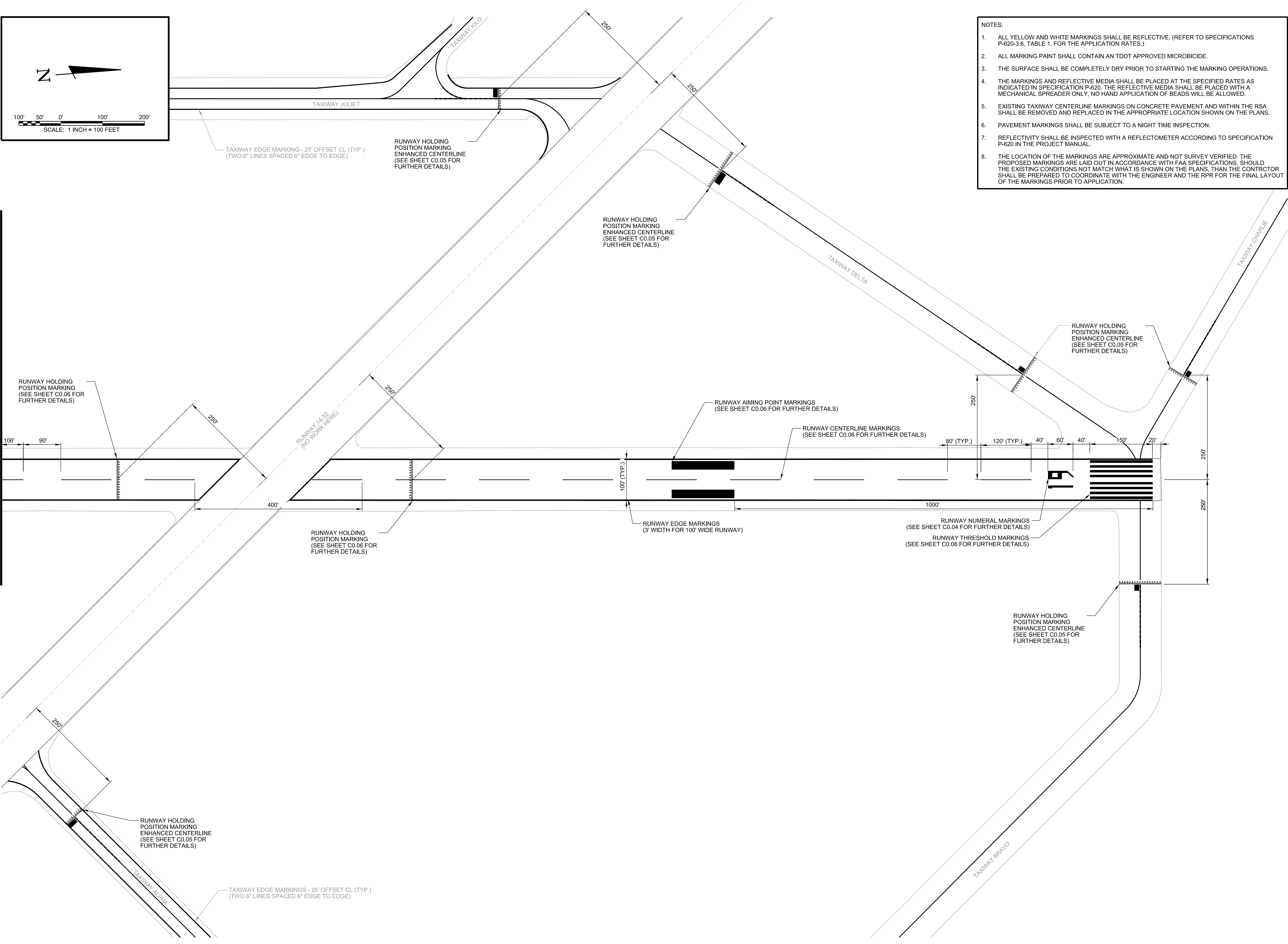
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MATCH LINE - SEE SHEET C7.03



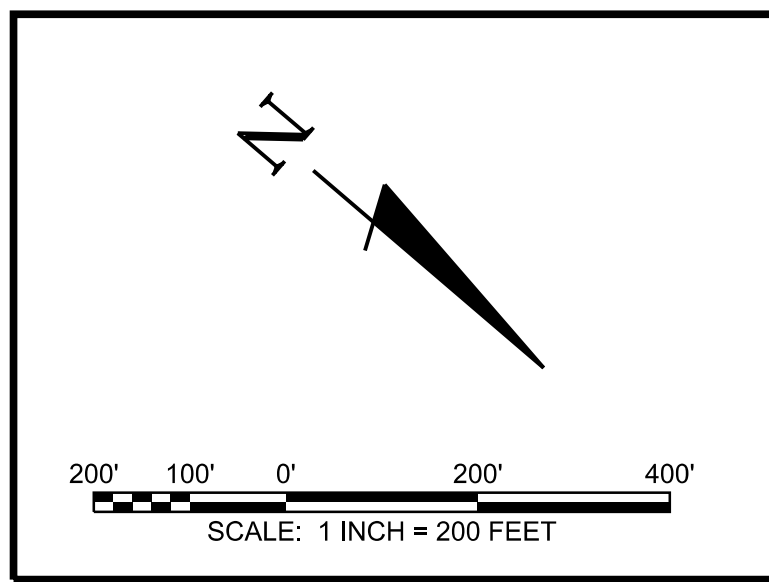
AIRFIELD MARKING PLAN - RUNWAY SAFETY AREA
AIRFIELD PAVEMENT AND MARKING MAINTENANCE
SMYRNA AIRPORT, KMQY
 SMYRNA, TENNESSEE

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JAC	01/22/2021

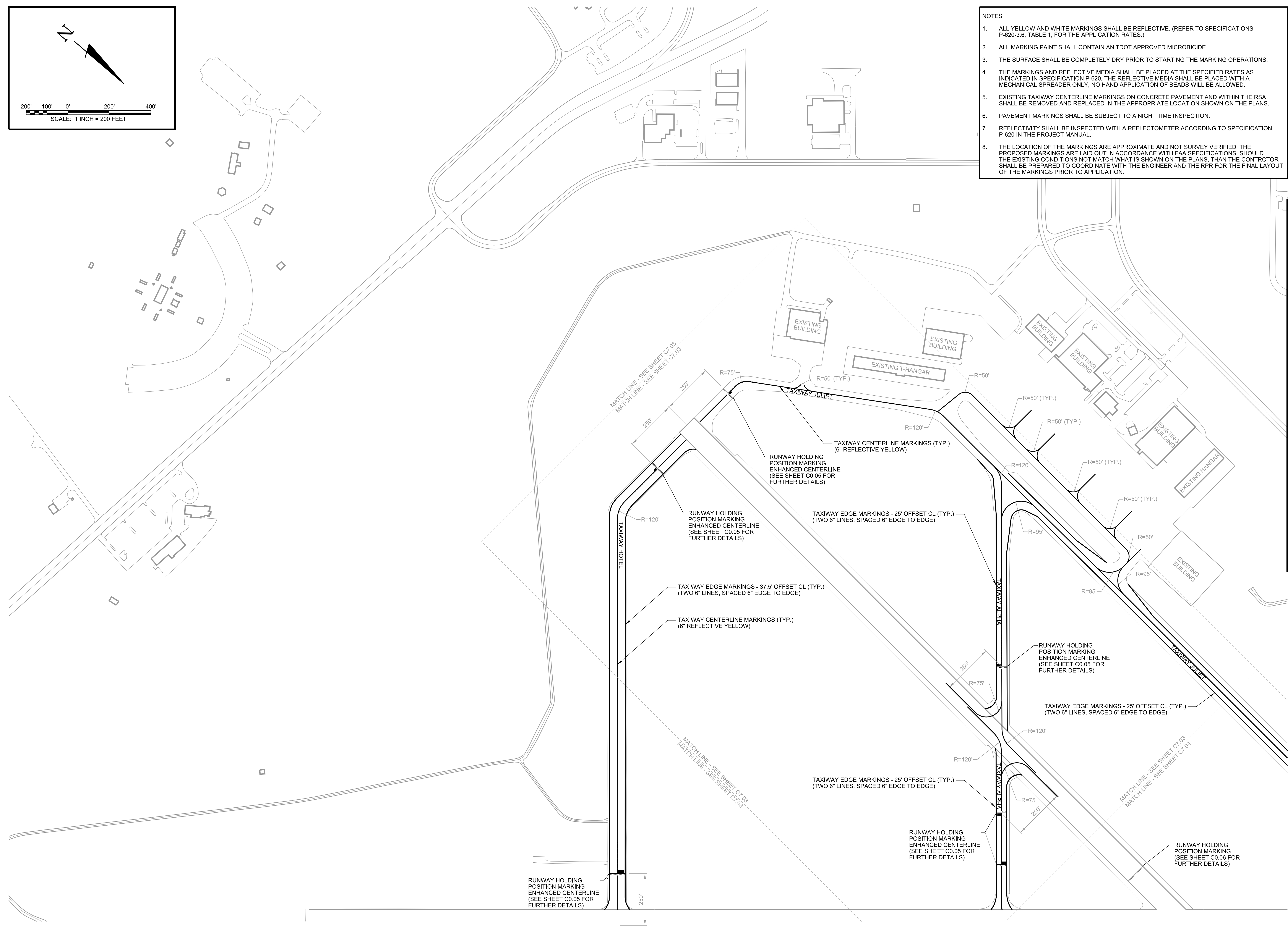
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MATCH LINE - SEE SHEET C7.06

AIRFIELD MARKING PLAN - TAXIWAY WORK

AIRFIELD PAVEMENT AND MARKING MAINTENANCE
SMYRNA AIRPORT, KMQY
SMYRNA, TENNESSEE

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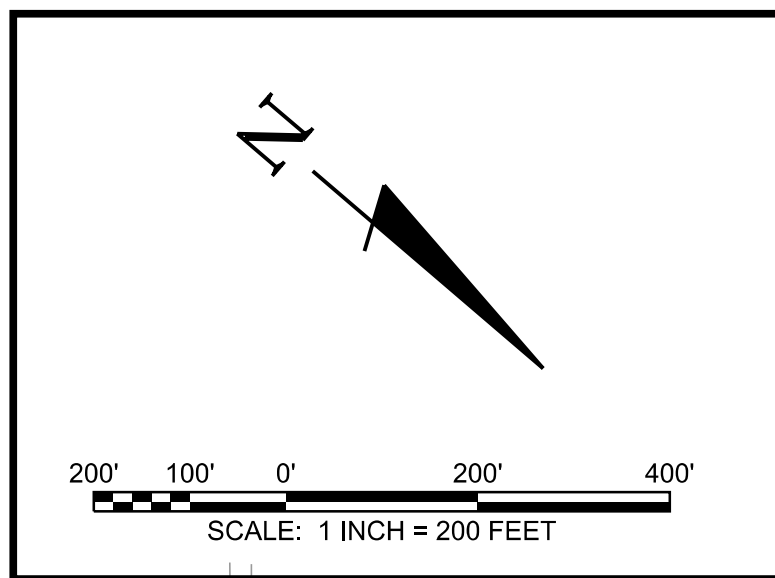
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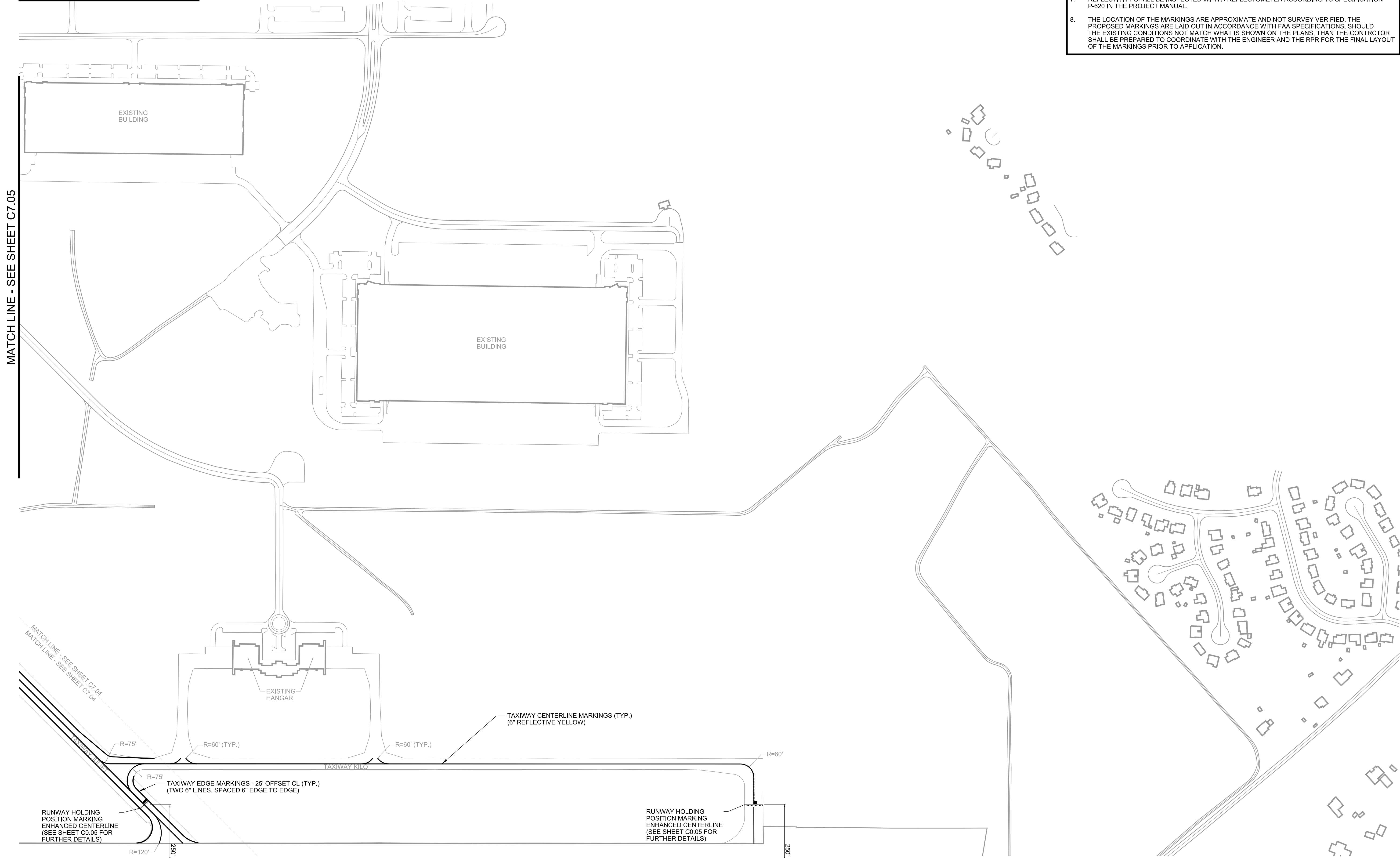
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MATCH LINE - SEE SHEET C7.05

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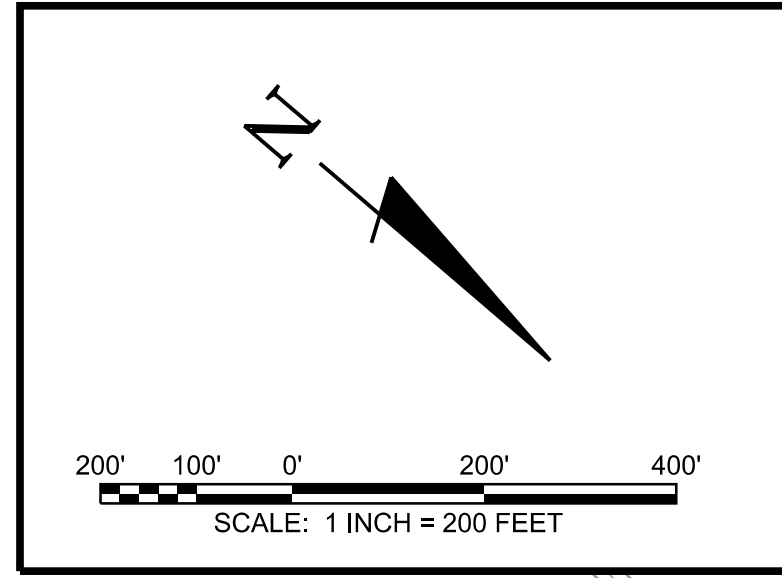
AIRFIELD MARKING PLAN - TAXIWAY WORK
AIRFIELD PAVEMENT AND MARKING MAINTENANCE
SMYRNA AIRPORT, KMQY
SMYRNA, TENNESSEE

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REV.	DESCRIPTION
CHK. JAC	01/22/2021 ISSUED FOR BID
DR. BCI	
DES. JDS	

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RUNWAY HOLDING POSITION MARKING ENHANCED CENTERLINE (SEE SHEET C0.05 FOR FURTHER DETAILS)

DASHED TAXIWAY EDGE MARKINGS - 37.5' OFFSET CL (TYP.) (TWO 6" LINES, SPACED 6" EDGE TO EDGE) (15' LENGTH, 25' SPACING EDGE TO EDGE)

TAXIWAY EDGE MARKINGS - 25' OFFSET CL (TYP.) (TWO 6" LINES, SPACED 6" EDGE TO EDGE)

RUNWAY HOLDING POSITION MARKING ENHANCED CENTERLINE (SEE SHEET C0.05 FOR FURTHER DETAILS)

DASHED TAXIWAY EDGE MARKINGS - 25' OFFSET CL (TYP.) (TWO 6" LINES, SPACED 6" EDGE TO EDGE) (15' LENGTH, 25' SPACING EDGE TO EDGE)

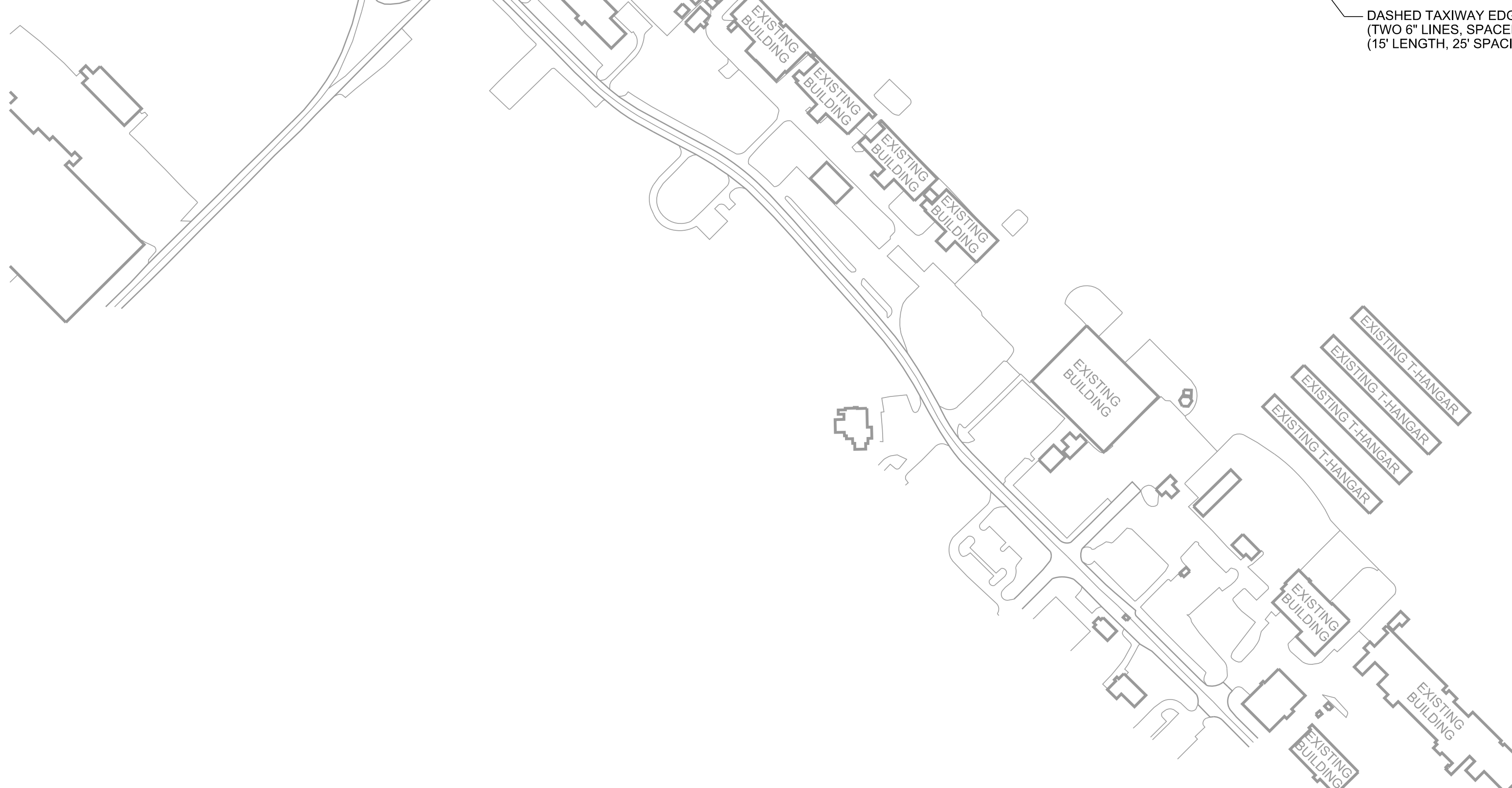
DASHED TAXIWAY EDGE MARKINGS - 25' OFFSET CL (TYP.) (TWO 6" LINES, SPACED 6" EDGE TO EDGE) (15' LENGTH, 25' SPACING EDGE TO EDGE)

RUNWAY HOLDING POSITION MARKING ENHANCED CENTERLINE (SEE SHEET C0.05 FOR FURTHER DETAILS)

RUNWAY HOLDING POSITION MARKING ENHANCED CENTERLINE (SEE SHEET C0.06 FOR FURTHER DETAILS)

TAXIWAY CENTERLINE MARKINGS (TYP.) (6" REFLECTIVE YELLOW)

TAXIWAY CENTERLINE MARKINGS (TYP.) (6" REFLECTIVE YELLOW)



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RUNWAY HOLDING POSITION MARKING ENHANCED CENTERLINE (SEE SHEET C0.05 FOR FURTHER DETAILS)



AIRFIELD MARKING PLAN - TAXIWAY WORK
 AIRFIELD PAVEMENT AND MARKING MAINTENANCE
 SMYRNA AIRPORT, KMQY
 SMYRNA, TENNESSEE

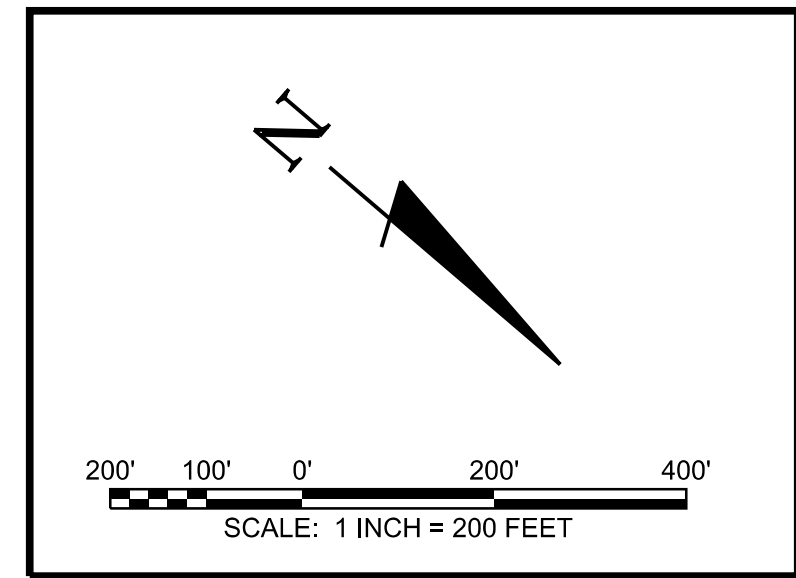
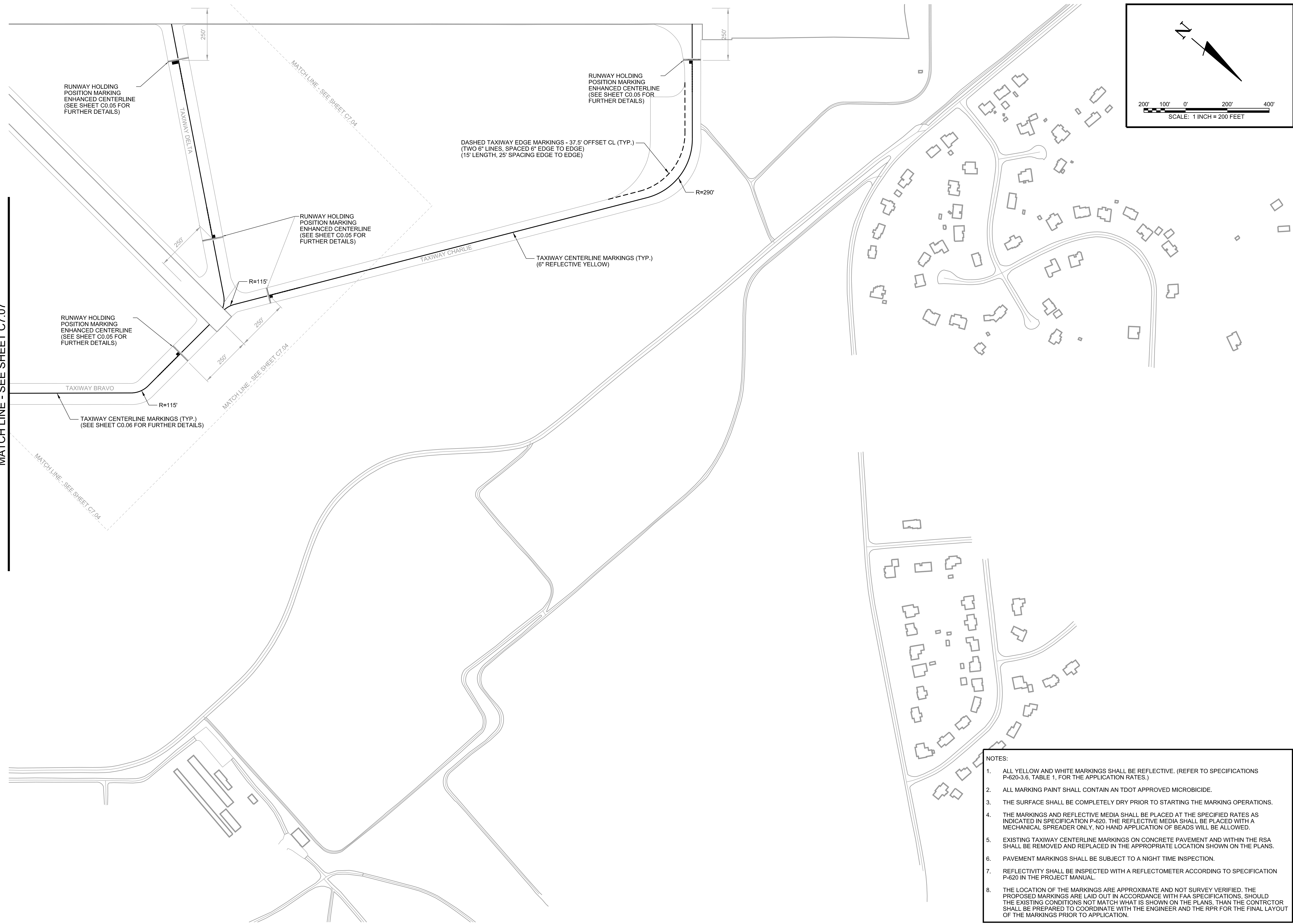
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CHK. JAC	01/22/2021
DES. JDS	
DR. BCI	
ISS. JDS	

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MATCH LINE - SEE SHEET C7.08

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MATCH LINE - SEE SHEET C7.07



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AIRFIELD MARKING PLAN - TAXIWAY WORK
AIRFIELD PAVEMENT AND MARKING MAINTENANCE
SMYRNA AIRPORT, KMQY
SMYRNA, TENNESSEE

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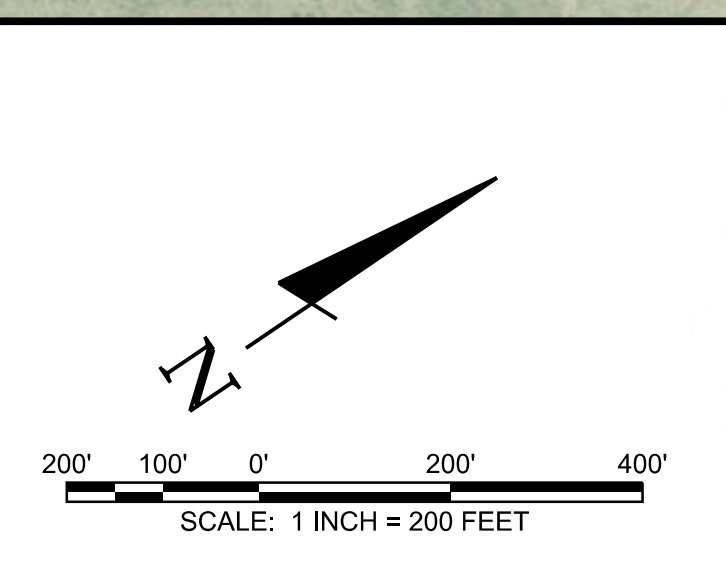
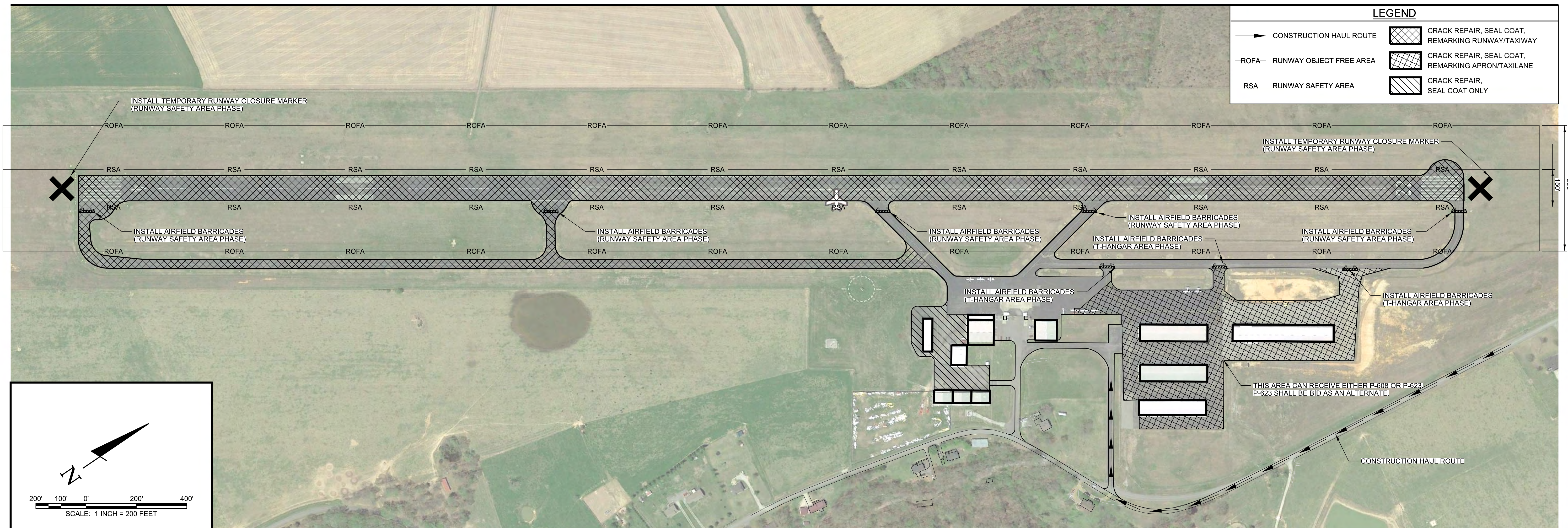
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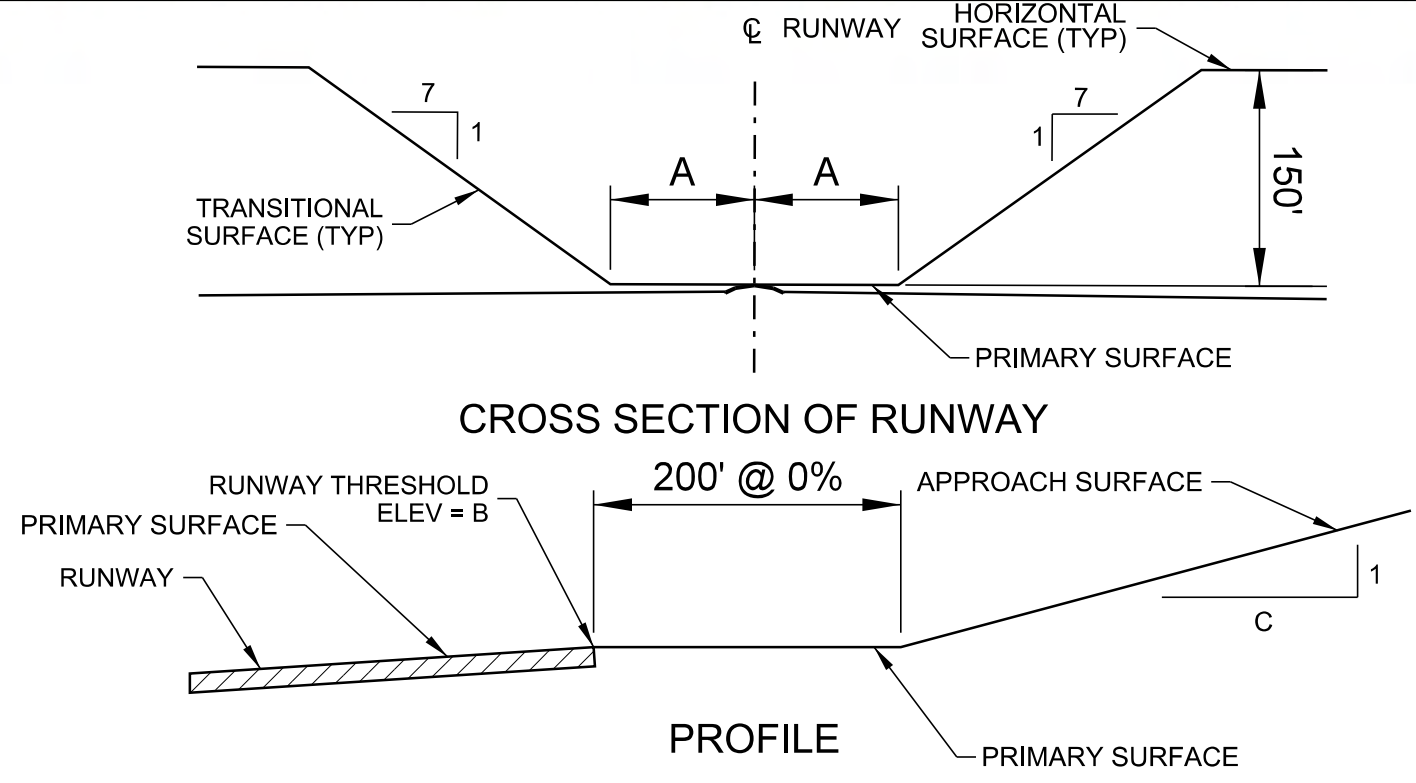


CONSTRUCTION SAFETY & PHASING PLAN (CSPP)
AIRFIELD PAVEMENT AND MARKING MAINTENANCE
SPRINGFIELD ROBERTSON COUNTY AIRPORT, M91
SPRINGFIELD, TENNESSEE



CONSTRUCTION SAFETY NOTES

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER AND THE OWNER NOT LESS THAN TWO (2) DAYS PRIOR TO ENTERING THE CONSTRUCTION SITE FOR ANY PURPOSE SO THAT THEY MAY PUBLISH "NOTICES TO AIRMAN" OF THE CONSTRUCTION ACTIVITIES.
- SUFFICIENT SWEEPERS AND CLEAN UP EQUIPMENT SHALL BE PROVIDED IN ORDER THAT ALL LOOSE MATERIAL, DEBRIS AND MUD CAN BE REMOVED FROM ALL AIRPORT OPERATIONS AREAS ON A CONTINUOUS BASIS.
- NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR RADIOS, CONSTRUCTION OF AND MAINTENANCE OF HAUL ROUTES AND CONSTRUCTION ENTRANCE, ETC. AS INCLUDED IN THESE NOTES. ALL COSTS ASSOCIATED WITH THESE ITEMS MUST BE INCLUDED IN THE CONTRACT BID PRICES WHICH WOULD MOST LIKELY INCLUDE THEM.
- THE CONTRACTOR AND PERSONNEL SHALL NOT, AT ANY TIME, BE ON THE RUNWAY OR TAXIWAYS UNLESS THE AIRPORT MANAGER GIVES PRIOR APPROVAL.
- THE CONTRACTOR SHALL TAKE EXTREME CAUTION AROUND ALL EXISTING AIRPORT EQUIPMENT.
- THE CONSTRUCTION ENTRANCE, STAGING AREA, EMPLOYEE PARKING, STOCKPILE AREA, WASTE AREA AND BORROW AREA SHALL BE COORDINATED WITH THE AIRPORT MANAGER.
- THE CONTRACTOR SHALL HAVE A MAN ON 24-HOUR CALL FOR EMERGENCY MAINTENANCE OF AIRPORT HAZARD LIGHTING AND BARRICADES AND OTHER EMERGENCIES WHICH MAY ARISE AS A RESULT OF THIS WORK.
- THE CONTRACTOR'S PERSONNEL AND EQUIPMENT SHALL NOT BE PERMITTED OUTSIDE THE CONSTRUCTION WORK LIMITS WITHOUT BEING ESCORTED BY THE OWNER APPROVED ESCORT.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW THE SAFETY PROVISIONS INCORPORATED IN THE FOLLOWING FEDERAL AVIATION ADMINISTRATION (FAA) DOCUMENTS, WHICH ARE AVAILABLE FOR REVIEW BY DOWNLOADING THE DOCUMENTS ON-LINE AT [HTTP://WWW.FAA.GOV](http://www.faa.gov):
 - ADVISORY CIRCULAR NUMBER 150/5370-10H, "STANDARDS FOR SPECIFYING CONSTRUCTION OF AIRPORTS"
 - ADVISORY CIRCULAR NUMBER 150/5370-2G, "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION"
 - ADVISORY CIRCULAR NUMBER 150/5210-5D, "PAINTING, MARKING, AND LIGHTING OF VEHICLES USED ON AN AIRPORT"
- THE CONTRACTOR SHALL BE REQUIRED TO MINIMIZE DUST CREATED BY CONSTRUCTION ACTIVITIES USING WATER OR OTHER DEVICES. ANY COST ASSOCIATED WITH DUST CONTROL SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT. IN THE EVENT DUST WHICH IS CREATED BY CONSTRUCTION ACTIVITIES BECOMES A HAZARD TO AIRFIELD OPERATIONS AND/OR AIRCRAFT NAVIGATION CONSTRUCTION ACTIVITIES WILL BE SHUT DOWN. THIS SHUTDOWN TIME WILL NOT BE A BASIS FOR CLAIMS FOR ADDITIONAL CONTRACT TIME OR COMPENSATION.
- AIRCRAFT OPERATIONS SHALL AT ALL TIMES HAVE PRIORITY OVER ALL VEHICLES, EQUIPMENT AND PERSONNEL. THE CONTRACTOR SHALL EMPLOY STRICT MEASURES TO PREVENT ANY CONFLICT BETWEEN HIS PERSONNEL AND AIRCRAFT ON ANY ACTIVE AIRFIELD PAVEMENT. THE CONTRACTOR SHALL REMAIN CLEAR OF ACTIVE RUNWAYS AND TAXIWAYS.
- ALL CONTRACTOR VEHICLES, INCLUDING HAULING VEHICLES, THAT ARE AUTHORIZED TO OPERATE ON THE AIRPORT WITHIN THE DESIGNATED LIMITS OF CONSTRUCTION OR HAUL ROUTES AS DEFINED HEREIN, SHALL DISPLAY IN FULL VIEW ABOVE THE VEHICLE A 3'X3' OR LARGER ORANGE AND WHITE CHECKERBOARD FLAG. EACH CHECKERBOARD COLOR BEING 1" SQUARE. WHEN OPERATING DURING PERIODS OF DARKNESS OR LIMITED VISIBILITY, CONTRACTOR'S VEHICLE SHALL BE EQUIPPED WITH ROTATING OR FLASHING AMBER LIGHTS. DURING SUCH PERIODS, HAULING VEHICLES NOT SO EQUIPPED SHALL BE ESCORTED BY A VEHICLE SO EQUIPPED.
- CONTRACTOR SHALL CONTROL THE ON-AIRPORT MOVEMENT AND ACTIVITIES OF ITS EMPLOYEES AND SUBCONTRACTORS.
- OPEN-FLAME WELDING OR TORCH-CUTTING OPERATIONS ARE PROHIBITED UNLESS ADEQUATE FIRE AND SAFETY PRECAUTIONS HAVE BEEN APPROVED BY THE OWNER.
- OPEN TRENCHES, EXCAVATIONS AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHALL BE PROMINENTLY MARKED WITH ORANGE FLAGS AND LIGHTED WITH FLASHING AMBER LIGHT UNITS (ACCEPTABLE TO THE OWNER) DURING HOURS OF RESTRICTED VISIBILITY OR DARKNESS.
- STOCKPILED MATERIAL SHALL BE CONSTRAINED IN A MANNER TO PREVENT MOVEMENT AS A RESULT OF AIRCRAFT OR WIND.
- ANY DAMAGE TO THE EXISTING AIRPORT LIGHTING SYSTEM CAUSED BY CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY NOTED TO THE OWNER AND REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE AND TO THE OWNER'S SPECIFICATIONS.
- DEBRIS, WASTE AND LOOSE MATERIAL, CAPABLE OF CAUSING DAMAGE TO AIRCRAFT LANDING GEAR, PROPELLERS AND ROTORS, OR OF BEING INGESTED BY JET ENGINES SHALL NOT BE LEFT ON ACTIVE AIRCRAFT MOVEMENT AREAS. MATERIAL DROPPED WITHIN THESE AREAS SHALL BE REMOVED CONTINUOUSLY DURING WORKING HOURS.
- THE CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY REFLECTORIZED SIGNS TO CLEARLY MARK THE DESIGNATED ACCESS ROUTES TO AFFECTED AREAS OF AIRPORT PROPERTY. CONTRACTOR SHALL CONTROL ACCESS TO THE WORKING AREA BY CONSTRUCTION VEHICLES AS DELINEATED ON THIS PLAN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INFORMING ALL PERSONS UNDER THEIR CONTROL THAT UNAUTHORIZED CONSTRUCTION PERSONNEL FOUND IN RESTRICTED AREAS OF THE AIRPORT SHOWN ON THE SAFETY PLAN ARE SUBJECT TO ARREST FOR A PUNISHABLE FEDERAL OFFENSE AND WILL PROMPTLY AND PERMANENTLY BE REMOVED FROM THE JOB.
- THE CONTRACTOR SHALL PROVIDE APPROVED FLAGMAN TO CONTROL ALL CONSTRUCTION TRAFFIC AND APPROVED GATE GUARD TO CONTROL ALL CONSTRUCTION TRAFFIC ENTERING AIRPORT TO PREVENT CONFLICTS WITH AIRCRAFT OPERATIONS.
- CONTRACTOR SHALL CONTROL AND ESCORT ALL CONSTRUCTION TRAFFIC ENTERING AIRPORT TO PREVENT CONFLICTS WITH AIRCRAFT OPERATIONS.
- SPECIAL ACCESS REQUIREMENTS AND OPERATING LIMITATIONS ARE REQUIRED INSIDE THE SECURITY FENCE. THE CONTRACTOR SHALL DELINEATE WORK LIMITS WITHIN THESE AREAS USING STAKES WITH FLAGGING AS NOTED. CONFINE ALL CONTRACTOR'S PERSONNEL, EQUIPMENT AND MATERIALS INSIDE THE OWNER'S APPROVED WORK LIMITS.
- THE CONTRACTOR SHALL PERFORM CONSTRUCTION OPERATIONS AS NECESSARY TO MINIMIZE ATTRACTION TO BIRDS CAUSED BY PONDED WATER AND GRASS SEED.
- THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN FLASHING LIGHTS AND BARRICADES ALONG AIRCRAFT APRON EDGES OR WHERE TEMPORARY PAVEMENT CLOSURES OR AIRCRAFT LIMITATIONS ARE REQUIRED. BARRICADES SHALL BE SPACED NO MORE THAN 8 FEET END TO END OR AS NOTED ALONG THE AFFECTED PAVEMENT EDGE OR ACROSS THE PAVEMENT OF A CLOSED TAXIWAY. THE CONTRACTOR SHALL DAILY MAINTAIN THE LIGHTS AND BARRICADES IN AN OPERABLE CONDITION FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL FURNISH THE OWNER A CONTACT NUMBER FOR 24-HOUR MAINTENANCE OF LIGHTS AND BARRICADES. THE COST FOR BARRICADES AND LIGHTS SHALL BE INCIDENTAL TO THE PROJECT.
- NO CONSTRUCTION TRAFFIC SHALL ENTER OR CROSS ANY ACTIVE AIRPORT OPERATIONAL AREA EXCEPT UPON AUTHORIZATION BY THE OWNER.
- ALL FOREMAN'S SUPERINTENDANT'S VEHICLES SHALL CONTAIN RADIOS CAPABLE OF TRANSMITTING AND RECEIVING THE UNICOM FREQUENCY OF 123.00. NORMAL RADIO COMMUNICATIONS BETWEEN CONTRACTOR PERSONNEL WILL NOT BE ALLOWED ON THE UNICOM FREQUENCY OF 123.00 OR ANY OTHER FAA FREQUENCY. THE CONTRACTOR IS REQUIRED TO MONITOR THE AIRPORT FREQUENCY WHENEVER THEIR FORCES ARE ON AIRPORT PROPERTY, WHETHER OR NOT THE RUNWAY IS OPEN OR CLOSED.
- THE CONTRACTOR IS ENCOURAGED TO DOCUMENT VIA PICTURES AND/OR VIDEO THE PRE-CONSTRUCTION CONDITION OF ALL PAVEMENTS AND STRUCTURES. ANY DAMAGE NOTICED AFTER THE CONTRACTOR'S MOBILIZATION WILL BE ASSUMED TO BE CAUSED BY THE CONTRACTOR AND SHALL BE FULLY REPAIRED AT THE CONTRACTOR'S EXPENSE.
- NO EQUIPMENT WILL BE ALLOWED WITHIN 75' OF THE PRIMARY RUNWAY 4-22 CENTERLINE. NO EQUIPMENT WILL BE PARKED OR STORED WITHIN 250' OF THE PRIMARY RUNWAY 4-22 CENTERLINE.
- NO EQUIPMENT WILL BE ALLOWED WITHIN 39.5' OF THE TAXIWAYS CENTERLINE. NO EQUIPMENT WILL BE PARKED OR STORED WITHIN 65.5' OF TAXIWAY ALPHA'S CENTERLINE.
- THE EXISTING AIRPORT PAVEMENTS ARE DESIGNED FOR AIRCRAFT TRAFFIC ONLY, AND MAY NOT SUPPORT LOADED TRUCK OR HEAVY EQUIPMENT. ANY DAMAGE RESULTING FROM THE CONTRACTOR'S ACTIONS WILL BE IMMEDIATELY REPAIRED TO FAA STANDARDS AT THE CONTRACTOR'S EXPENSE.



RUNWAY END	A	B	C
4	75'	700.54'	34
22	75'	706.32'	34

PAVEMENT	SAFETY AREA WIDTH*
R/W 4-22	150'

FAR PART 77 SURFACES
DRAWING NOT TO SCALE

NOTE:
THE PART 77 SECTION VIEW IS CENTERED ON THE RUNWAY CENTERLINE AT THE CENTERLINE ELEVATION, AND ON THE EXTENDED RUNWAY CENTERLINE AT THE RUNWAY THRESHOLD ELEVATION TO A POINT 200 FEET BEYOND EACH THRESHOLD. THE SECTION THEN RISES ALONG THE SLOPE INDICATED ON THE PROFILE VIEW.

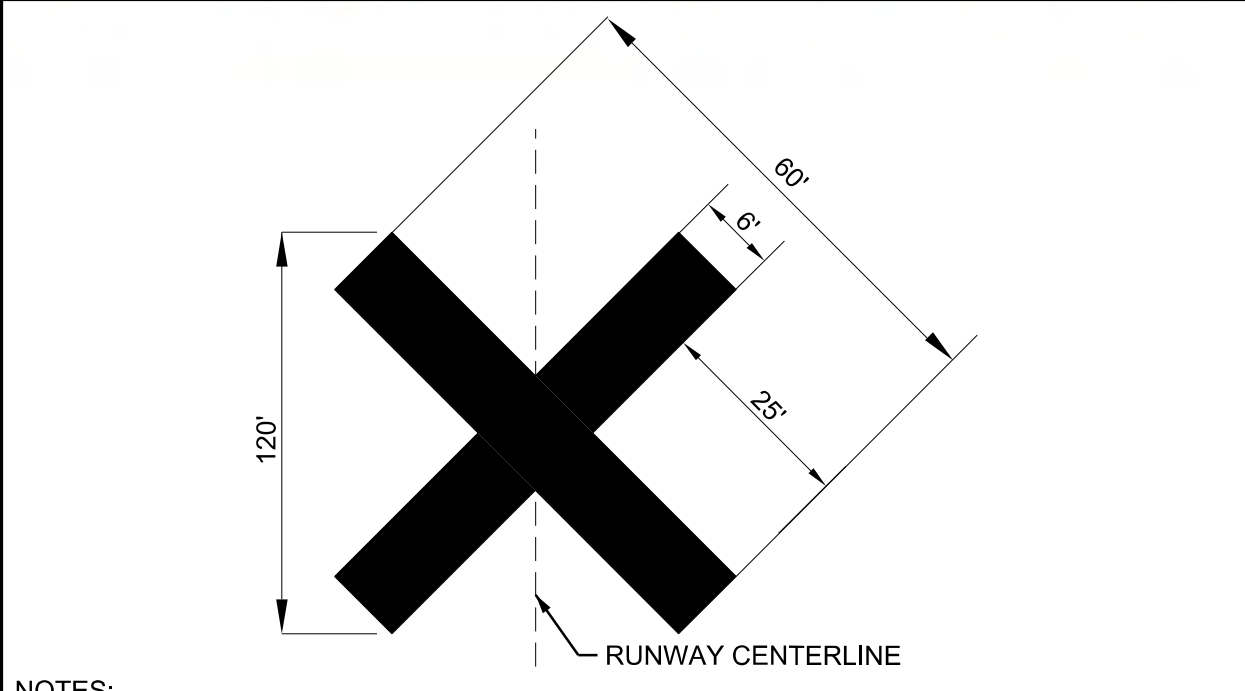
AIRPORT CONTACT INFORMATION:
JAMIE JONES
4432 AIRPORT ROAD, SPRINGFIELD, TN 37172
(615) 985-4432

LOCAL EMERGENCY PHONE NUMBERS:
EMERGENCY: 911

SPRINGFIELD POLICE DEPARTMENT:
(615) 384-8422

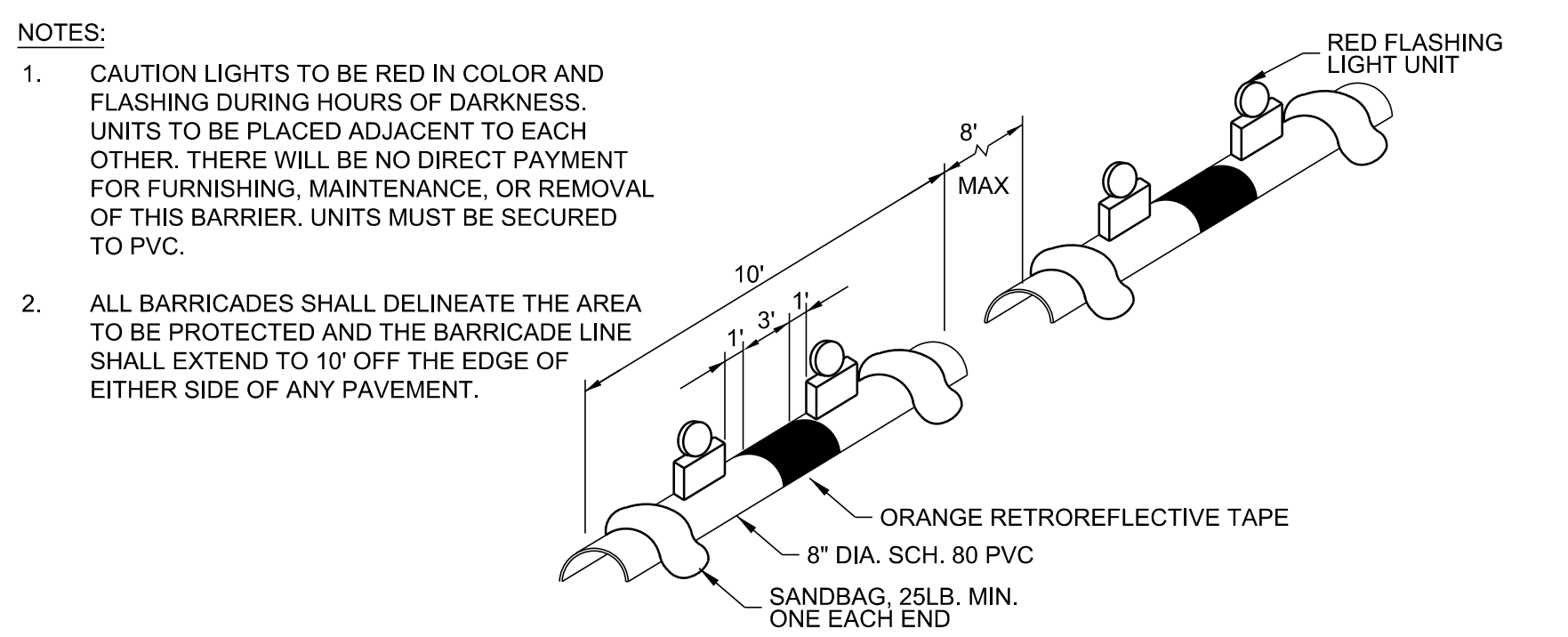
SPRINGFIELD FIRE DEPARTMENT:
(615) 384-4381

LIQUIDATED DAMAGES:
\$1,000 PER CALENDAR DAY



- NOTES:**
- CONTRACTOR SHALL BE REQUIRED TO PROVIDE AND MAINTAIN TEMPORARY RUNWAY CLOSURE MARKERS.
 - THE TEMPORARY CLOSED RUNWAY MARKINGS SHALL BE AVIATION YELLOW AND MAY BE CONSTRUCTED OF MATERIAL SUCH AS FABRIC OR PLYWOOD.
 - PLACE MARKINGS AS SHOWN ON THIS SHEET. THE LOCATION OF THE TEMPORARY CLOSED RUNWAY MARKERS SHALL BE PLACED ON THE RUNWAY CENTERLINE.
 - FOR RUNWAYS THAT HAVE BEEN TEMPORARILY CLOSED, PLACE MARKER AT EACH END OF THE RUNWAY DIRECTLY ON OR AS NEAR AS PRACTICABLE TO THE RUNWAY DESIGNATION NUMBERS.

1 RUNWAY CLOSURE MARKER
C8.01 SCALE: N.T.S.



2 AIRFIELD BARRICADE DETAIL
C8.01 SCALE: N.T.S.

REV.	OR.	CHK.	DATE	DESCRIPTION	ISSUED FOR
JDS	JAC	JAC	01/22/2021	ISSUED FOR BID	

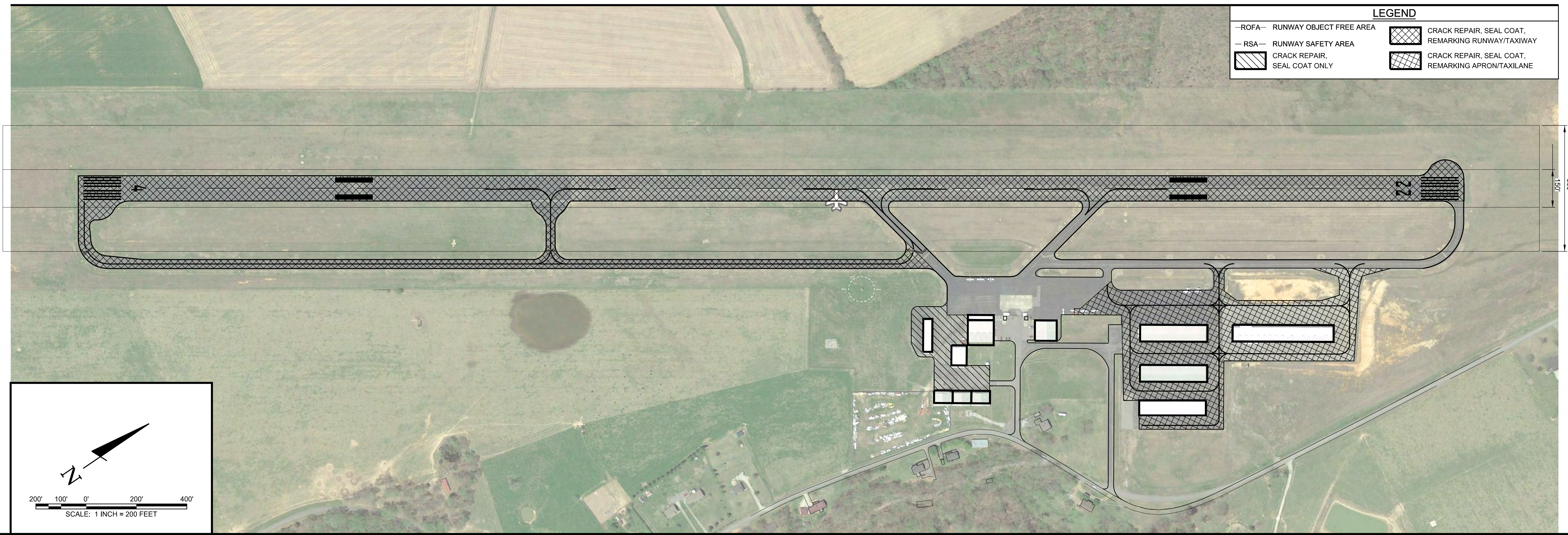
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FILE NO. 36821-04

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OVERALL SITE LAYOUT PLAN
AIRFIELD PAVEMENT AND MARKING MAINTENANCE
SPRINGFIELD ROBERTSON COUNTY AIRPORT, M91
SPRINGFIELD, TENNESSEE



LEGEND			
—ROFA—	RUNWAY OBJECT FREE AREA		CRACK REPAIR, SEAL COAT, REMARKING RUNWAY/TAXIWAY
—RSA—	RUNWAY SAFETY AREA		CRACK REPAIR, SEAL COAT, REMARKING APRON/TAXILANE
	CRACK REPAIR, SEAL COAT ONLY		CRACK REPAIR, SEAL COAT, REMARKING APRON/TAXILANE

SCHEDULE OF QUANTITIES

ITEM	BASE BID	QUANTITY	UNIT
C-100	CONTRACTOR QUALITY CONTROL PROGRAM (CQCP)	1	LS
C-105	MOBILIZATION	1	LS
P-101-5.1	CRACK REPAIR (TYPE I)	85,205	LF
P-101-5.2	CRACK REPAIR (TYPE II)	41,042	LF
P-101-5.3	AIRFIELD PAVEMENT MARKING REMOVAL	72,053	SF
P-608-8.1	EMULSIFIED ASPHALT SEAL COAT (FOR RUNWAYS & TAXIWAYS)	81,650	SY
P-608-8.1	EMULSIFIED ASPHALT SEAL COAT (FOR APRONS & TAXILANES)	40,600	SY
P-620-5.1	TEMPORARY WHITE PAINT	32,350	SF
P-620-5.2	TEMPORARY YELLOW PAINT	6,150	SF
P-620-5.3	WHITE PAINT WITH REFLECTIVE MEDIA	32,350	SF
P-620-5.4	YELLOW PAINT WITH REFLECTIVE MEDIA	6,150	SF
P-620-5.5	BLACK PAINT	800	SF
ITEM	BID ALTERNATE No. 1	QUANTITY	UNIT
P-623-6.1	PAVEMENT FRICTION SEALCOAT SURFACE TREATMENT (FOR APRONS & TAXILANES ONLY - P-608 ALTERNATE)	40,600	SY

CONSTRUCTION PHASING PLAN

PHASE I. CONTRACTOR TO PLACE AIRFIELD BARRICADES AT APPROVED LOCATIONS.
a) IT SHALL BE MANDATED THAT THE AIRPORT SHOULD RECEIVE 48 HOUR NOTICE PRIOR TO EACH PHASE OF WORK COMMENCING.

PHASE II. CRACK REPAIR (TYPE I CRACKS)
a) SEE QUANTITIES (LF).
b) MARKING REMOVAL (SF) MAY COMMENCE DURING PHASE II.

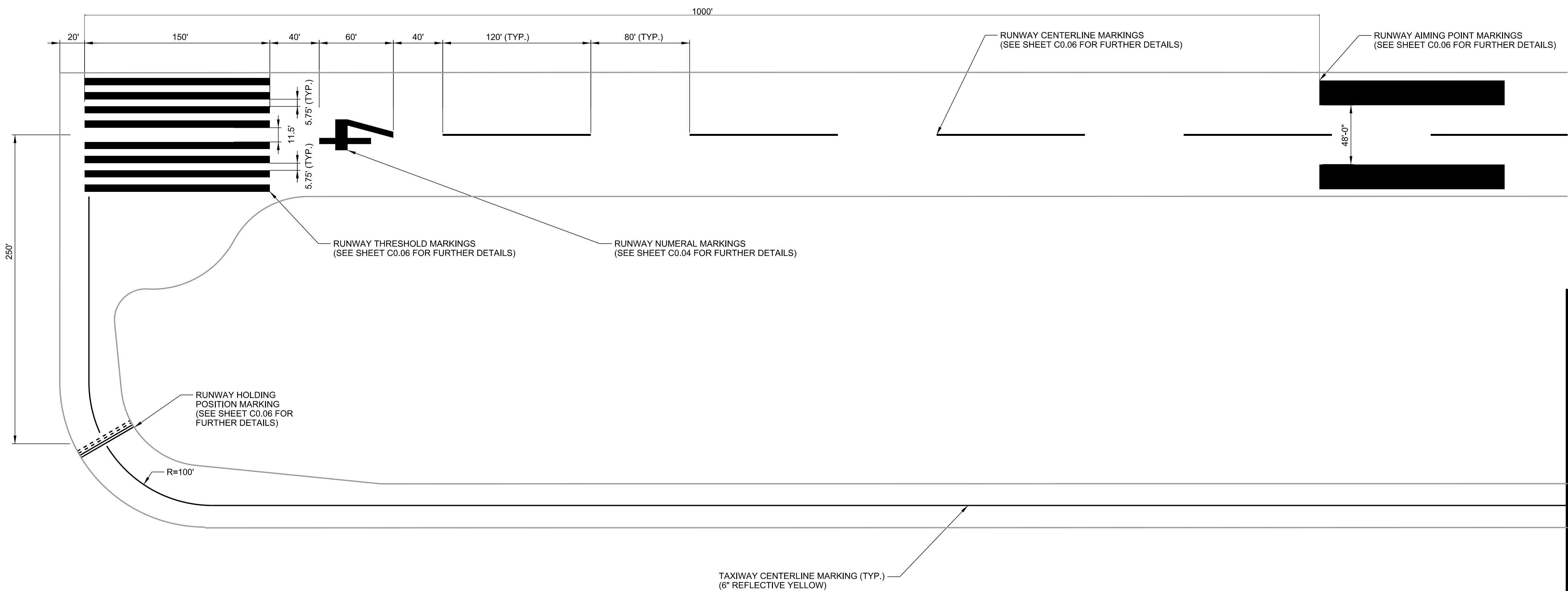
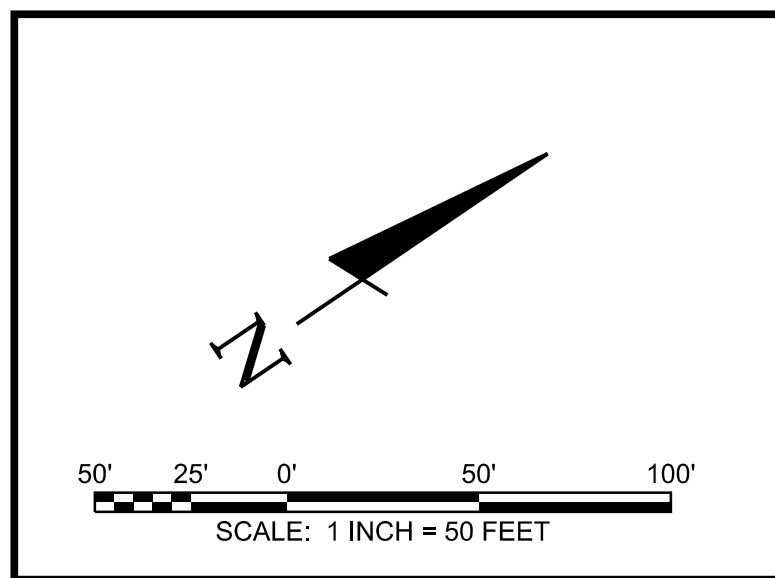
PHASE III. SEAL COAT
a) SEE QUANTITIES (GAL).

PHASE IV. REMARKING
a) SEE QUANTITIES (SF).

REV.	OR.	CHK.	DATE	DESCRIPTION
JDS	BCM	JAC	01/22/2021	ISSUED FOR BID

C8.02

FILE NO. 36821-04



MATCH LINE - SEE SHEET C8.04

AIRFIELD MARKING PLAN

AIRFIELD PAVEMENT AND MARKING MAINTENANCE
SPRINGFIELD ROBERTSON COUNTY AIRPORT, M91
SPRINGFIELD, TENNESSEE

- NOTES:
- ALL YELLOW AND WHITE MARKINGS SHALL BE REFLECTIVE. (REFER TO SPECIFICATIONS P-620-3.6, TABLE 1, FOR THE APPLICATION RATES.)
 - ALL MARKING PAINT SHALL CONTAIN AN TDOT APPROVED MICROBICIDE.
 - THE SURFACE SHALL BE COMPLETELY DRY PRIOR TO STARTING THE MARKING OPERATIONS.
 - THE MARKINGS AND REFLECTIVE MEDIA SHALL BE PLACED AT THE SPECIFIED RATES AS INDICATED IN SPECIFICATION P-620. THE REFLECTIVE MEDIA SHALL BE PLACED WITH A MECHANICAL SPREADER ONLY, NO HAND APPLICATION OF BEADS WILL BE ALLOWED.
 - EXISTING TAXIWAY CENTERLINE MARKINGS ON CONCRETE PAVEMENT AND WITHIN THE RSA SHALL BE REMOVED AND REPLACED IN THE APPROPRIATE LOCATION SHOWN ON THE PLANS.
 - PAVEMENT MARKINGS SHALL BE SUBJECT TO A NIGHT TIME INSPECTION.
 - REFLECTIVITY SHALL BE INSPECTED WITH A REFLECTOMETER ACCORDING TO SPECIFICATION P-620 IN THE PROJECT MANUAL.
 - THE LOCATION OF THE MARKINGS ARE APPROXIMATE AND NOT SURVEY VERIFIED. THE PROPOSED MARKINGS ARE LAID OUT IN ACCORDANCE WITH FAA SPECIFICATIONS. SHOULD THE EXISTING CONDITIONS NOT MATCH WHAT IS SHOWN ON THE PLANS, THEN THE CONTRACTOR SHALL BE PREPARED TO COORDINATE WITH THE ENGINEER AND THE RPR FOR THE FINAL LAYOUT OF THE MARKINGS PRIOR TO APPLICATION.

REVISION INFORMATION			
REV.	OR.	DATE	DESCRIPTION
JDS	BCM	01/22/2021	ISSUED FOR BID

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FILE NO. 36821-04



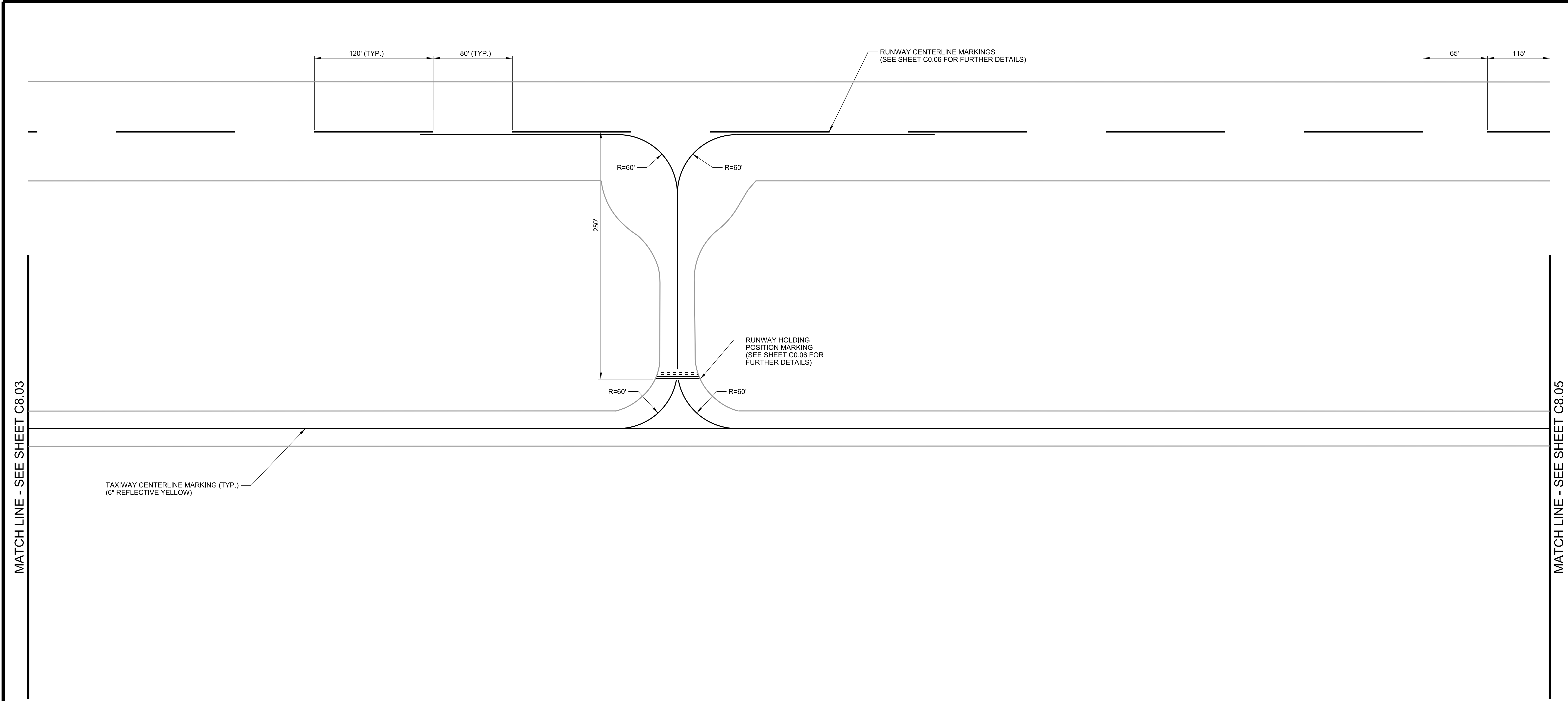
AIRFIELD MARKING PLAN

AIRFIELD PAVEMENT AND MARKING MAINTENANCE
SPRINGFIELD ROBERTSON COUNTY AIRPORT, M91
SPRINGFIELD, TENNESSEE

REV.	DR.	CHK.	DATE	DESCRIPTION
	JDS	JAC	01-22-2021	ISSUED FOR BID

C8.04

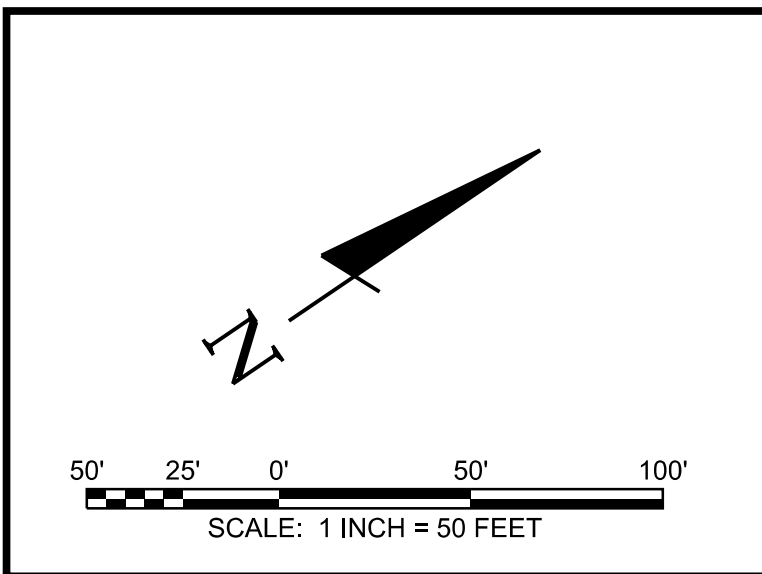
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MATCH LINE - SEE SHEET C8.03

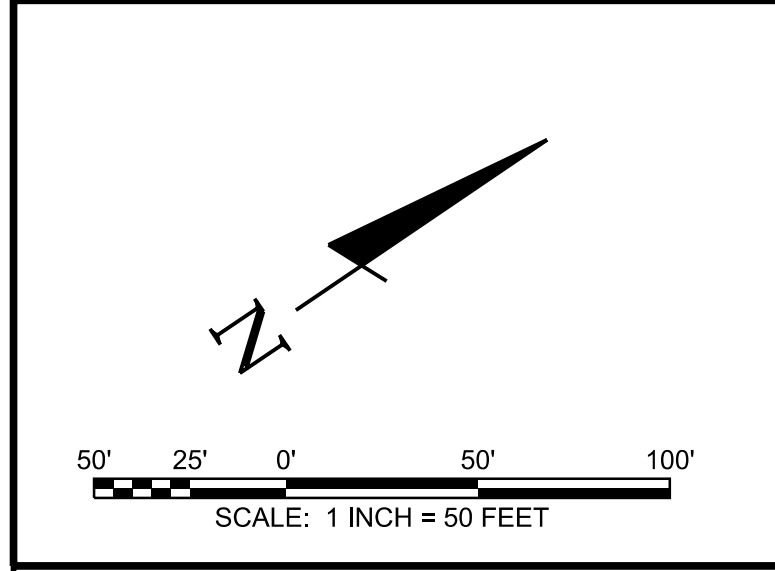
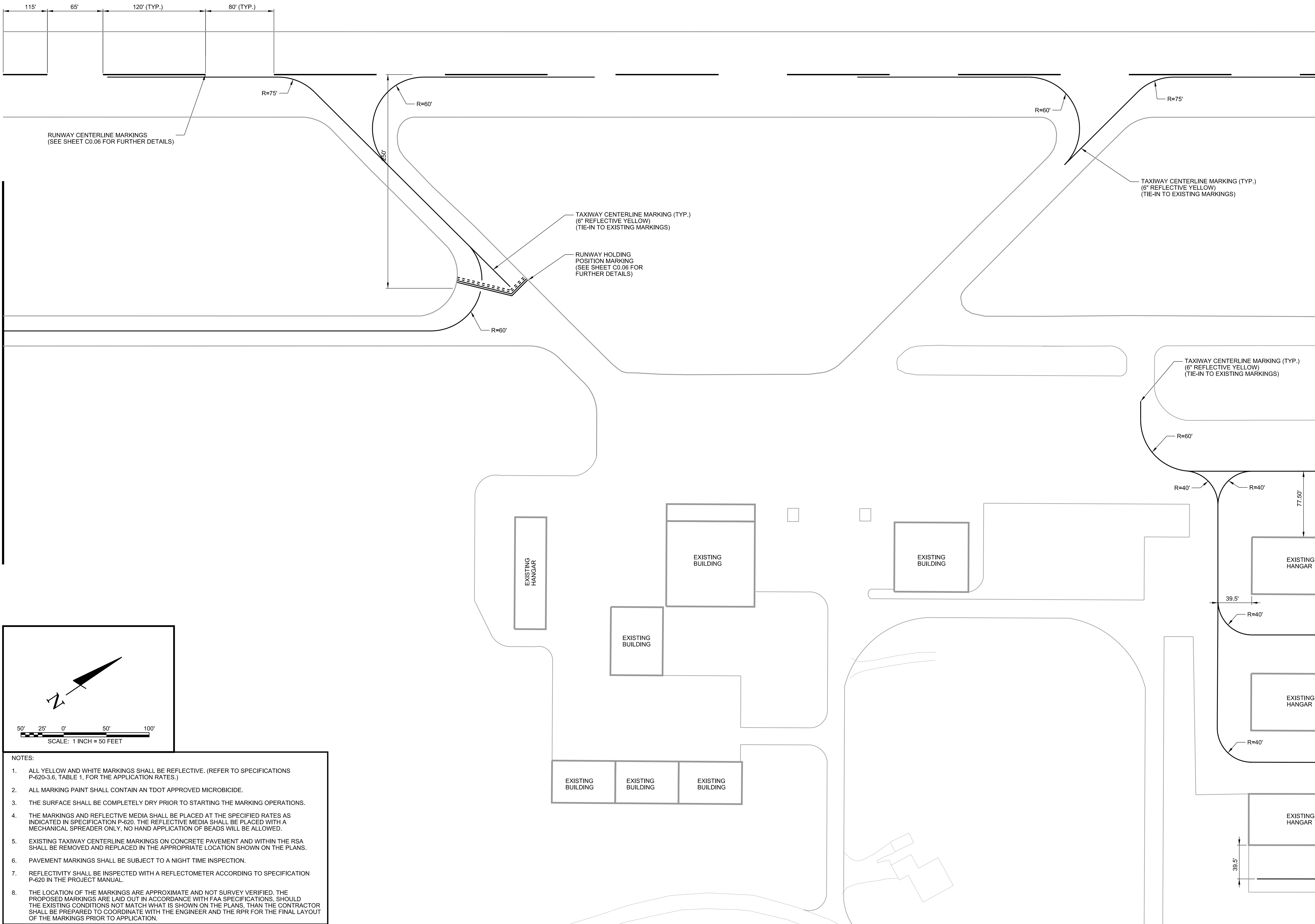
MATCH LINE - SEE SHEET C8.05

TAXIWAY CENTERLINE MARKING (TYP.)
(6" REFLECTIVE YELLOW)



- NOTES:
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 - THE SURFACE SHALL BE COMPLETELY DRY PRIOR TO STARTING THE MARKING OPERATIONS.
 - THE MARKINGS AND REFLECTIVE MEDIA SHALL BE PLACED AT THE SPECIFIED RATES AS INDICATED IN SPECIFICATION P-620. THE REFLECTIVE MEDIA SHALL BE PLACED WITH A MECHANICAL SPREADER ONLY, NO HAND APPLICATION OF BEADS WILL BE ALLOWED.
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 - PAVEMENT MARKINGS SHALL BE SUBJECT TO A NIGHT TIME INSPECTION.
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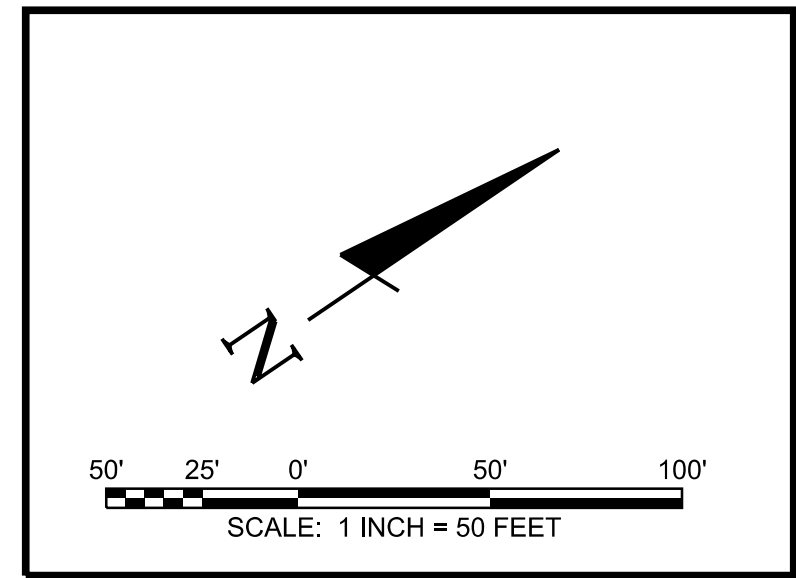
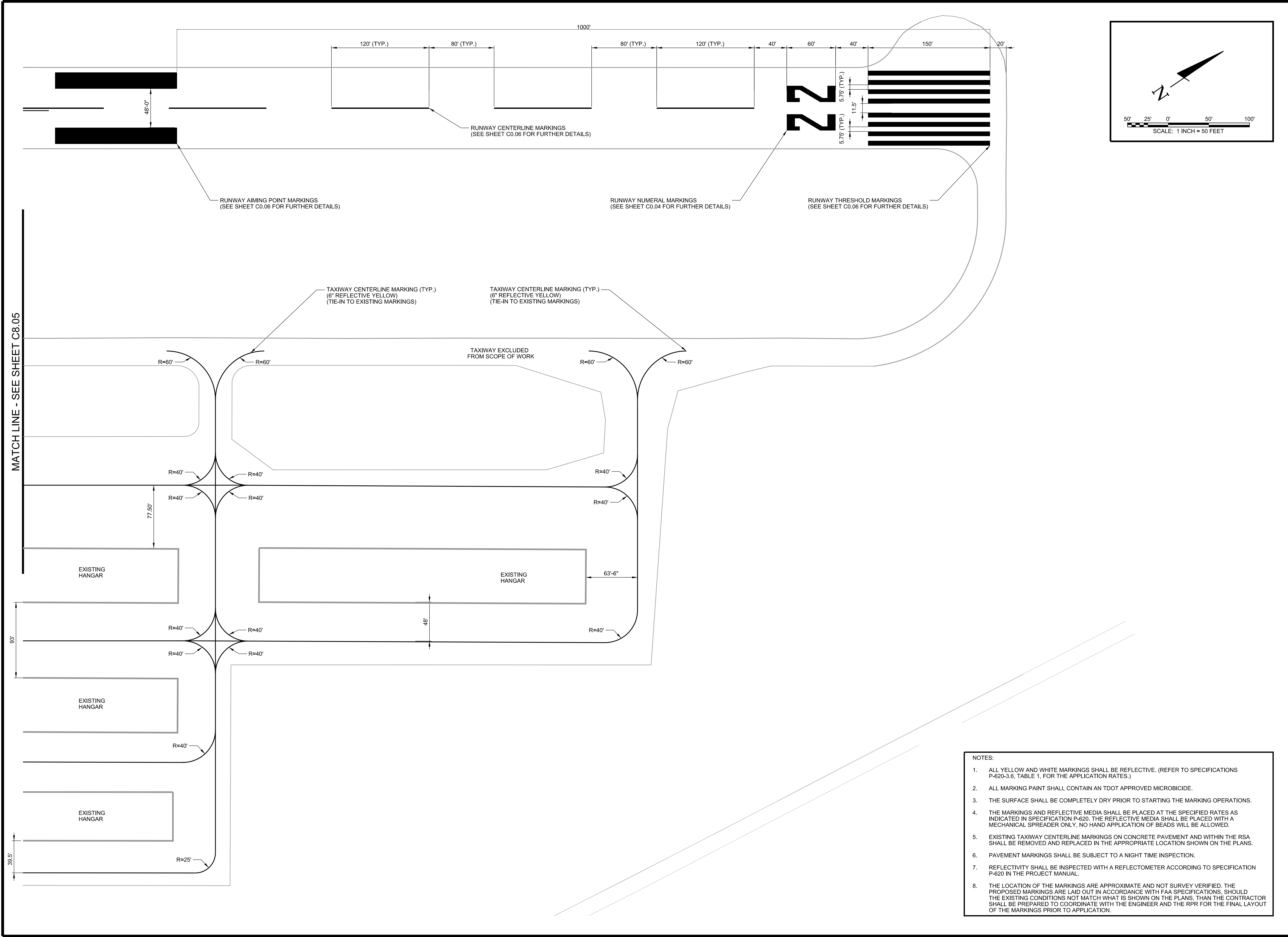


AIRFIELD MARKING PLAN

AIRFIELD PAVEMENT AND MARKING MAINTENANCE
SPRINGFIELD ROBERTSON COUNTY AIRPORT, M91
SPRINGFIELD, TENNESSEE

REV.	OR.	DATE	DESCRIPTION
JDS	BCM	01-22-2021	ISSUED FOR BID

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AIRFIELD MARKING PLAN

AIRFIELD PAVEMENT AND MARKING MAINTENANCE

SPRINGFIELD ROBERTSON COUNTY AIRPORT, M91

SPRINGFIELD, TENNESSEE

MATCH LINE - SEE SHEET C8.05

- NOTES:
1. ALL YELLOW AND WHITE MARKINGS SHALL BE REFLECTIVE. (REFER TO SPECIFICATIONS P-620-3.6, TABLE 1, FOR THE APPLICATION RATES.)
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REVISION INFORMATION		CHK.	DATE	DESCRIPTION
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