

CONSTRUCTION PLANS

AIRFIELD MARKING AND MAINTENANCE

JOLIET PARK DISTRICT

JOLIET REGIONAL AIRPORT (JOT)

JOLIET, WILL COUNTY, ILLINOIS

IDA PROJECT NO. JOT- 5154

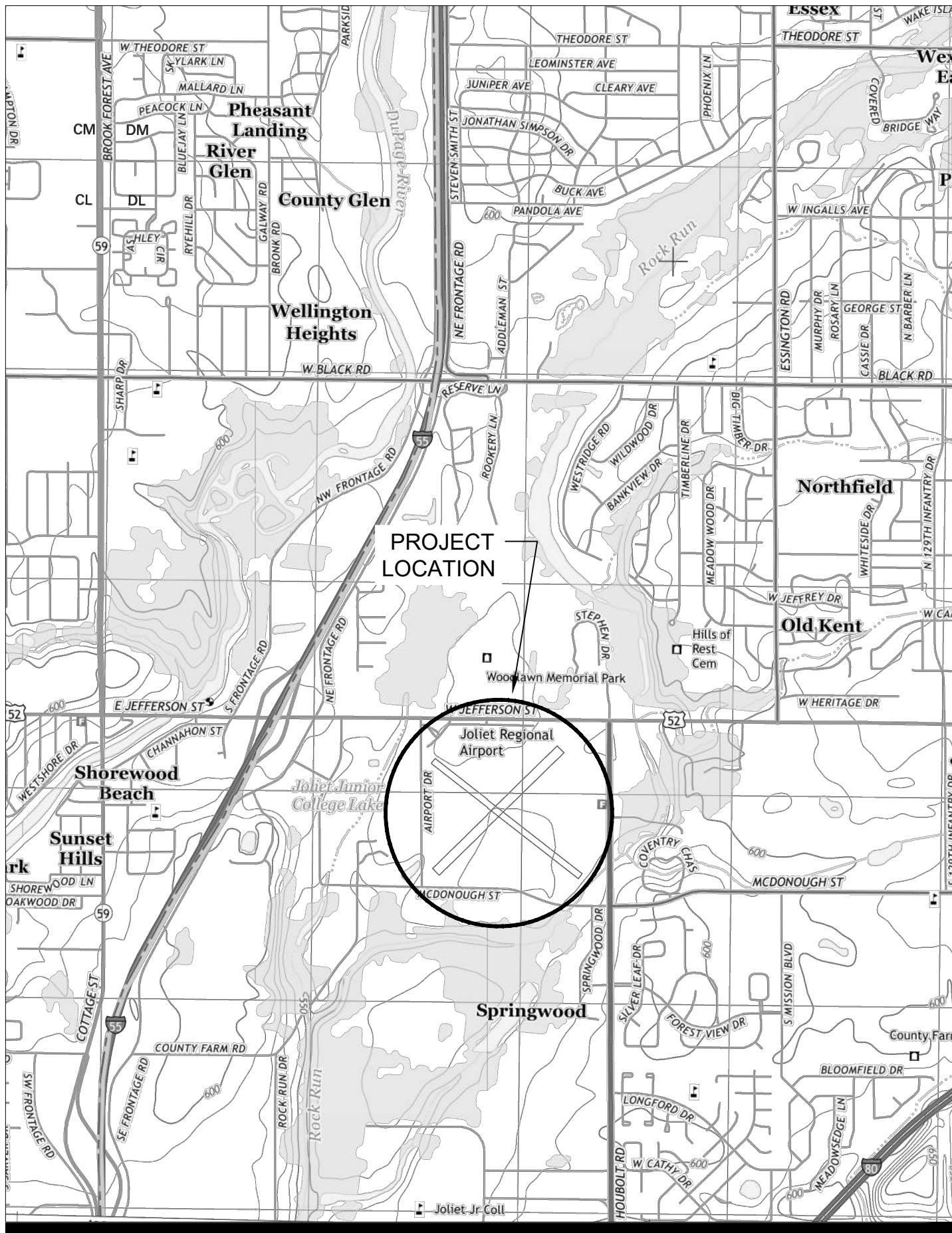
SBG PROJECT NO. 3-17-SBGP-TBD

100% PLANS - SEPTEMBER 13, 2024

NOTICE TO CONTRACTORS AND BIDDERS

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

VICINITY MAP



LOCATION MAP



No.	Issue/Description	Sheets Changed	Date	By



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Lindsay Hausman
Lindsay Hausman, P.E.
Project Engineer

9/13/2024
Date

JOLIET REGIONAL AIRPORT
JOLIET PARK DISTRICT
4000 W. JEFFERSON ST.
JOLIET, ILLINOIS
60431
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Jennifer McFarland
Jennifer McFarland
Airport Superintendent

9/13/2024
Date

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GENERAL NOTES

1. THE PROJECT PAY ITEMS ARE INTENDED TO BE INCLUSIVE OF ALL WORK TO BE PERFORMED AS SHOWN IN THESE PLANS. ALL INCIDENTAL WORK REQUIRED TO COMPLETE THE PROJECT TO THE SATISFACTION OF THE RESIDENT ENGINEER IS TO BE INCLUDED IN THE COSTS OF PERFORMING THESE ITEMS. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, EQUIPMENT, AND TRANSPORTATION NECESSARY TO CONSTRUCT ALL ELEMENTS OF THE PROJECT AS DESCRIBED IN THE CONSTRUCTION PLANS AND SPECIFICATIONS.
2. THE RULES, REGULATIONS, AND SPECIFICATIONS ENUMERATED HEREIN SHALL BE CONSIDERED AS MINIMUM REQUIREMENTS. THEY SHALL NOT PROHIBIT THE CONTRACTOR FROM FURNISHING AND INSTALLING HIGHER GRADES OF MATERIAL THAN ARE SPECIFIED HEREIN, IF APPROVED BY THE ENGINEER.
3. ACCESS TO THE SITE SHALL BE RESTRICTED EXCLUSIVELY TO THE DESIGNATED CONSTRUCTION ENTRANCE, STAGING AREA, AND HAUL ROUTE. NO EQUIPMENT OR PERSONNEL SHALL BE PERMITTED OUTSIDE THE GENERAL PROJECT AREA.
4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT AND KEEP CLEAN OF DEBRIS ALL EXISTING AIRFIELD AND ROADWAY PAVEMENTS AT ALL TIMES. ANY DAMAGE TO EXISTING ELECTRICAL, DRAINAGE, AND PAVEMENT STRUCTURES SHALL BE IMMEDIATELY REPAIRED AT NO ADDITIONAL COST TO THE CONTRACT.
5. CONTRACTOR IS REQUIRED TO PROVIDE THEIR OWN RESTROOM FACILITIES.
6. THE OWNER SHALL HAVE THE RIGHT OF FIRST REFUSAL FOR ALL SALVAGEABLE MATERIAL REMOVED ON THE PROJECT.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING PERMITS FOR HAULING ON PUBLIC ROADS, AS APPLICABLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY DAMAGES TO ANY PAVEMENTS (PUBLIC OR PRIVATE) CAUSED BY HIS/HER CONSTRUCTION EQUIPMENT OR PERSONNEL.
8. THE CONTRACTOR SHALL PROVIDE ONE SET OF PRELIMINARY REDLINED RECORD DRAWINGS TO THE RESIDENT ENGINEER AT THE COMPLETION OF THE PROJECT FOR INCORPORATION INTO THE OFFICIAL RECORD DRAWINGS HE WILL PREPARE.
9. APPROXIMATE LOCATIONS OF UNDERGROUND UTILITIES ARE SHOWN THROUGHOUT THESE PLANS. THE CONTRACTOR SHALL DETERMINE EXACT LOCATIONS AND PROTECT THESE UTILITIES DURING CONSTRUCTION. ANY UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL COORDINATE WITH THE PROPER AUTHORITIES FOR THE PURPOSE OF LOCATING AND PROTECTING EXISTING UNDERGROUND UTILITIES.
10. NPDES PERMIT - THIS PROJECT WILL NOT DISTURB MORE THAN 1 ACRE, THEREFORE A NPDES PERMIT IS NOT REQUIRED.
11. MATERIAL CERTIFICATIONS - MATERIALS CANNOT BE INSTALLED UNTIL ALL THE MATERIAL CERTIFICATIONS FOR THAT ITEM HAVE BEEN RECEIVED, REVIEWED AND ACCEPTED BY THE RESIDENT ENGINEER. MATERIALS INSTALLED WITHOUT APPROVAL ARE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
12. CERTIFIED PAYROLLS - THE RESIDENT ENGINEER CANNOT FORWARD A CONSTRUCTION REPORT FOR PAYMENT TO THE IDOT-DIVISION OF AERONAUTICS FOR PROCESSING UNTIL ALL CERTIFIED PAYROLLS FOR THAT PERIOD HAVE BEEN RECEIVED.

SHEET LIST	
Sheet Number	Sheet Title
1	COVER SHEET
2	SUMMARY OF QUANTITIES AND INDEX OF SHEETS
3	SCOPE OF WORK
4	SAFETY PLAN - PHASE 1 AND 2
5	SAFETY PLAN - PHASE 3 AND 4
6	SAFETY PLAN NOTES & DETAILS
7	PAVEMENT REMOVAL & REPLACEMENT PLAN
8	PAVMENT REMOVAL & REPLACEMENT DETAILS
9	PROPOSED MARKING PLAN - SHEET 1
10	PROPOSED MARKING PLAN - SHEET 2
11	PROPOSED MARKING PLAN - SHEET 3
12	PROPOSED MARKING PLAN - SCHEDULES
13	PROPOSED MARKING PLAN - DETAILS

SUMMARY OF QUANTITIES - BASE BID				
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	AS-BUILT QUANTITY
AR150520	MOBILIZATION	L SUM	1	
AR150530	TRAFFIC MAINTENANCE	L SUM	1	
AR201661	CLEAN & SEAL BITUMINOUS CRACKS	FOOT	20,000	
AR401916	REM & REP BIT PAVEMENT-TYPE B	SQ YD	302	
AR620520	PAVEMENT MARKING-WATERBORNE	SQ FT	27,109	
AR620525	PAVEMENT MARKING-BLACK BORDER	SQ FT	13,243	

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

J.U.L.I.E. INFORMATION

COUNTY_____WILL
CITY_____JOLIET
TOWNSHIP_____TROY T4N, R17E
SECTION NO._____NW 1/4 OF 14
ADDRESS_____JOLIET REGIONAL AIRPORT
JOLIET PARK DISTRICT
4000 W. JEFFERSON ST
JOLIET, IL 60431

UTILITY NOTE

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT. ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123, CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.



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phone: 815.741.7267

AIRFIELD MARKING AND MAINTENANCE

IDA No: JOT-5154
SBGP No: 3-17-SBGP-TBD

CONTRACT No. JO028

NO.	DATE	DESCRIPTION	
		DES	DWN REV

ISSUE: SEPTEMBER 13, 2024

PROJECT NO: 23A1030

CAD FILE: G-002-SQQ.DWG

DESIGN BY: JAP 7/24/2024

DRAWN BY: JAP 7/24/2024

REVIEWED BY: LDH 8/12/2024

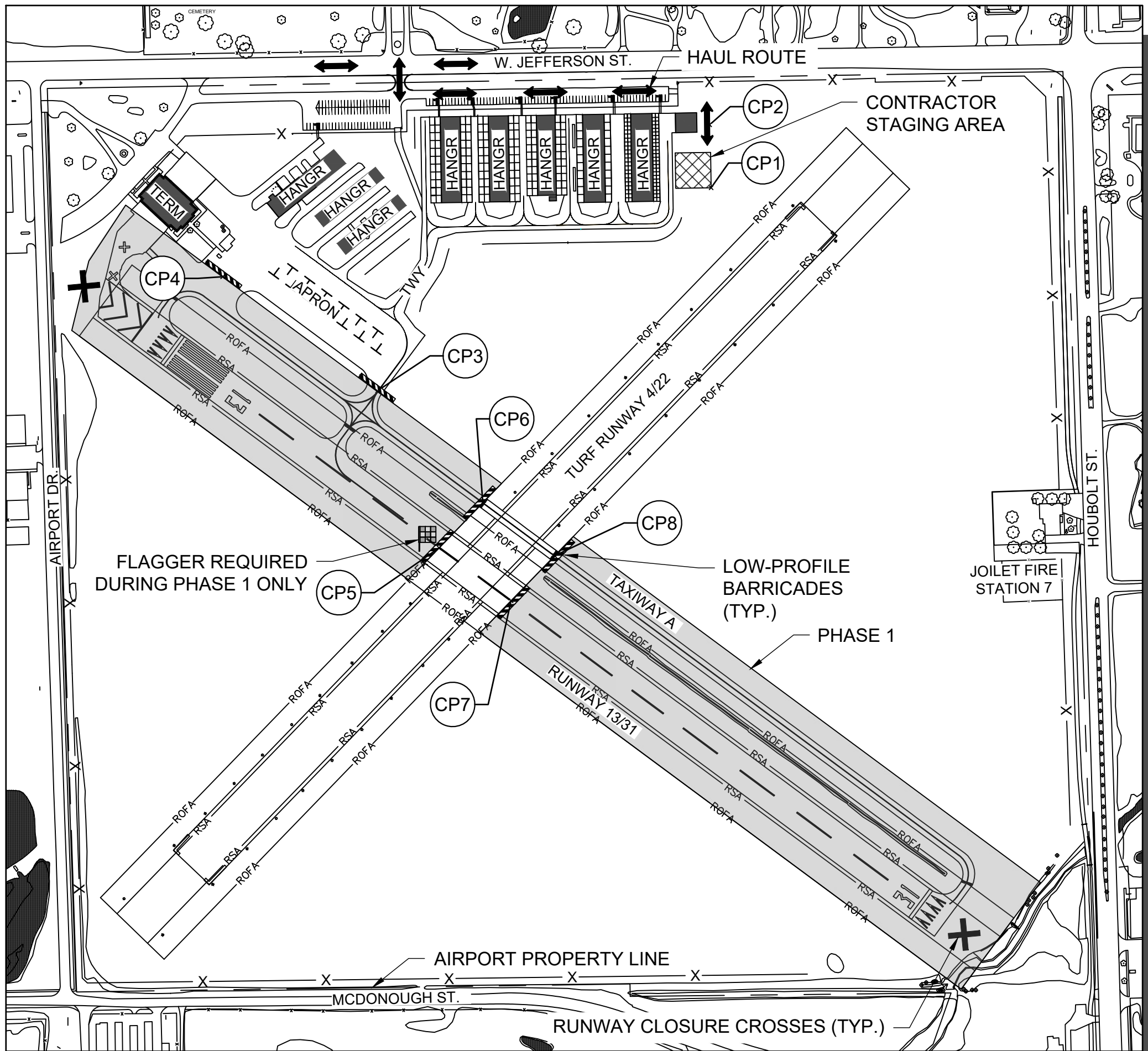
SHEET TITLE

SUMMARY OF QUANTITIES AND INDEX OF SHEETS

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CRITICAL POINTS					
POINT #	DESCRIPTION	LATITUDE	LONGITUDE	GROUND ELEVATION	EQUIP HEIGHT
1	STAGING AREA	041° 25' 40.84"	-094° 47' 31.27"	578	20
2	HAUL ROUTE	041° 25' 42.59"	-094° 47' 31.45"	578	20
3	EQUIP/BARRICADE	041° 25' 34.69"	-094° 47' 43.20"	578	20
4	EQUIP/BARRICADE	041° 25' 37.63"	-094° 47' 49.15"	581	20
5	EQUIP/BARRICADE	041° 25' 30.41"	-094° 47' 40.61"	579	20
6	EQUIP/BARRICADE	041° 25' 31.73"	-094° 47' 39.09"	579	20
7	EQUIP/BARRICADE	041° 25' 29.04"	-094° 47' 37.85"	581	20
8	EQUIP/BARRICADE	041° 25' 30.36"	-094° 47' 36.32"	580	20
9	EQUIP/BARRICADE	041° 25' 39.21"	-094° 47' 48.47"	581	20
10	EQUIP/BARRICADE	041° 25' 36.96"	-094° 47' 42.83"	579	20

EXISTING	PROPOSED	LEGEND
		PROPOSED WORK AREA
		STAGING AREA (AR150520)
		LOW PROFILE BARRICADE (AR150530)
		TEMPORARY HAUL ROUTE / ACCESS ROUTE
		SAFETY CRITICAL POINT



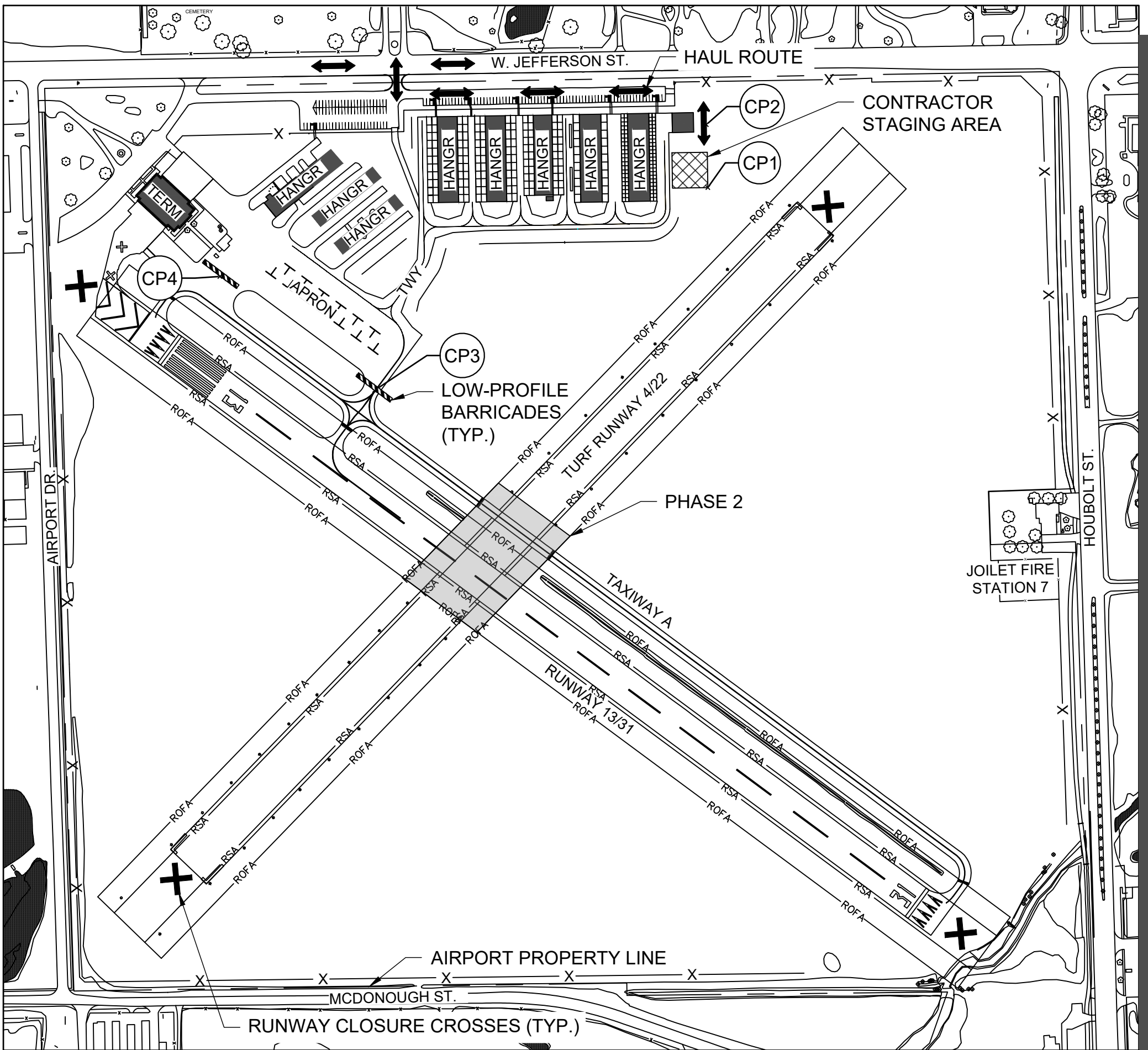
PHASE 1

WORK TO BE COMPLETED

- CLEAN AND SEAL CRACKS
- PAVEMENT MARKING

AIRFIELD CLOSURES AND CHANGES

- RUNWAY 13/31 AND TAXIWAY A TO BE CLOSED DURING THIS PHASE. RUNWAY 4/22 TO REMAIN OPEN.
- LOW PROFILE BARRICADES SHALL BE IN PLACE AT:
 - APRON CONNECTORS TO TAXIWAY A.
 - ON RUNWAY 13/31 AT RUNWAY 4/22 OBJECT FREE AREA LIMIT.
 - ON TAXIWAY A AT RUNWAY 4/22 OBJECT FREE AREA LIMIT.



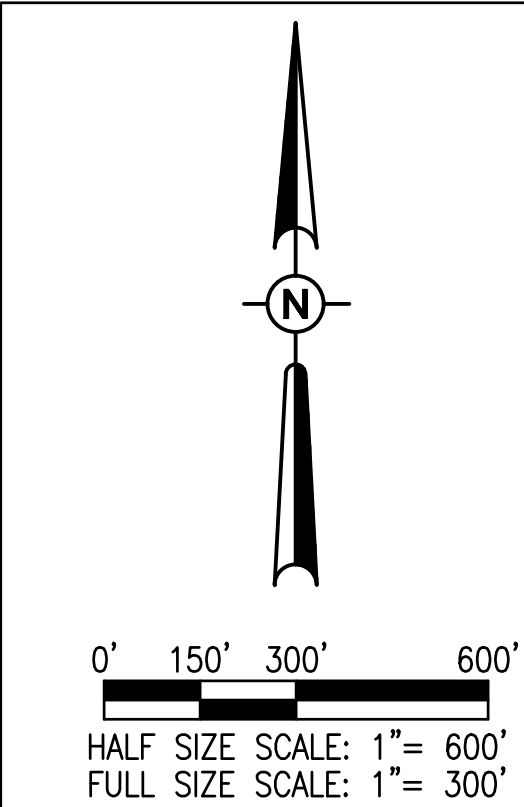
PHASE 2

WORK TO BE COMPLETED

- CLEAN AND SEAL CRACKS
- PAVEMENT MARKING

AIRFIELD CLOSURES AND CHANGES

- RUNWAY 13/31, RUNWAY 4/22 AND TAXIWAY A TO BE CLOSED DURING THIS PHASE
- LOW PROFILE BARRICADES SHALL BE IN PLACE AT APRON CONNECTORS TO TAXIWAY A.



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AIRFIELD MARKING AND
MAINTENANCE

IDA No: JOT-5154
SBGP No: 3-17-SBGP-TBD

CONTRACT No. JO028

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: SEPTEMBER 13, 2024

PROJECT NO: 23A1030

CAD FILE: G-104-CSPP.DWG

DESIGN BY: JAP 7/24/2024

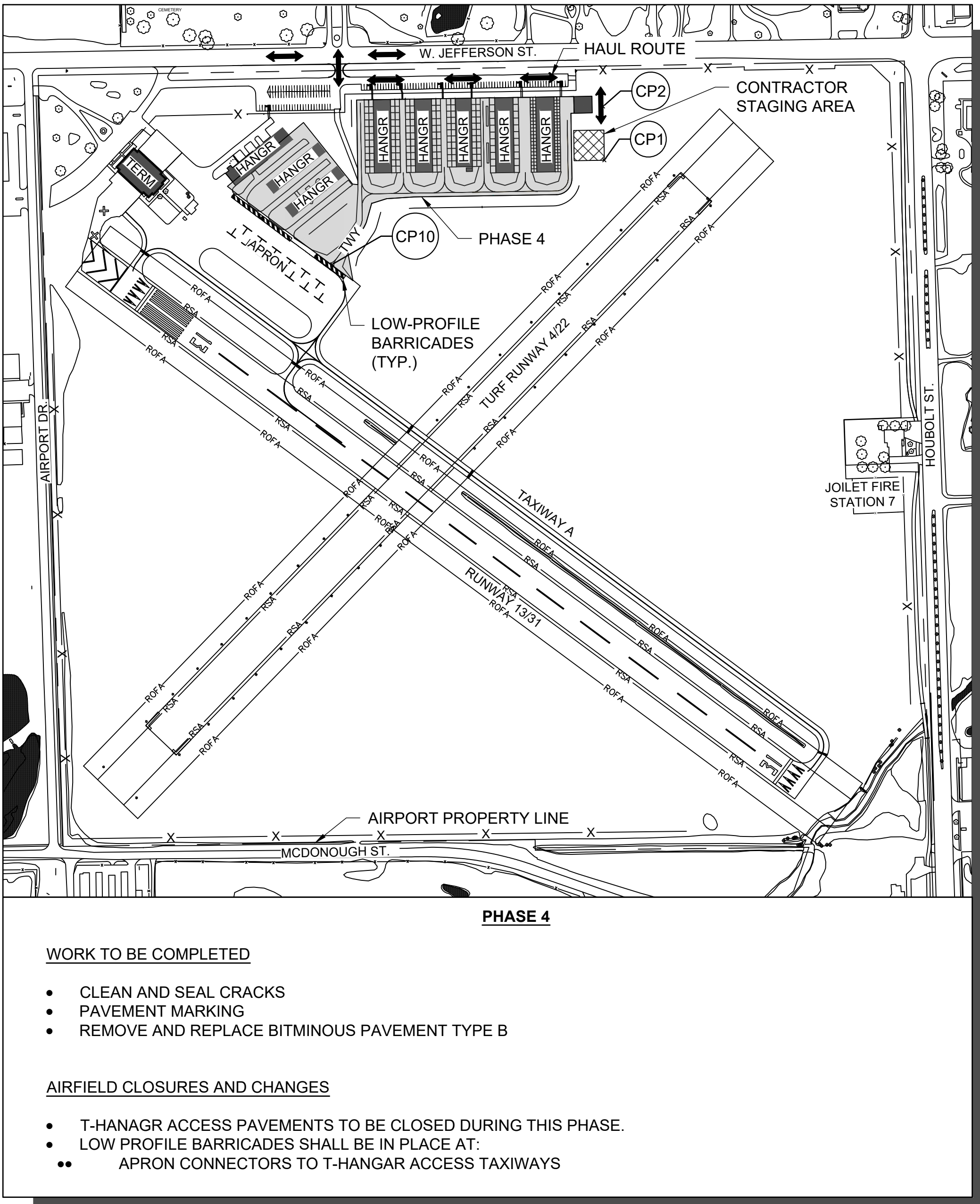
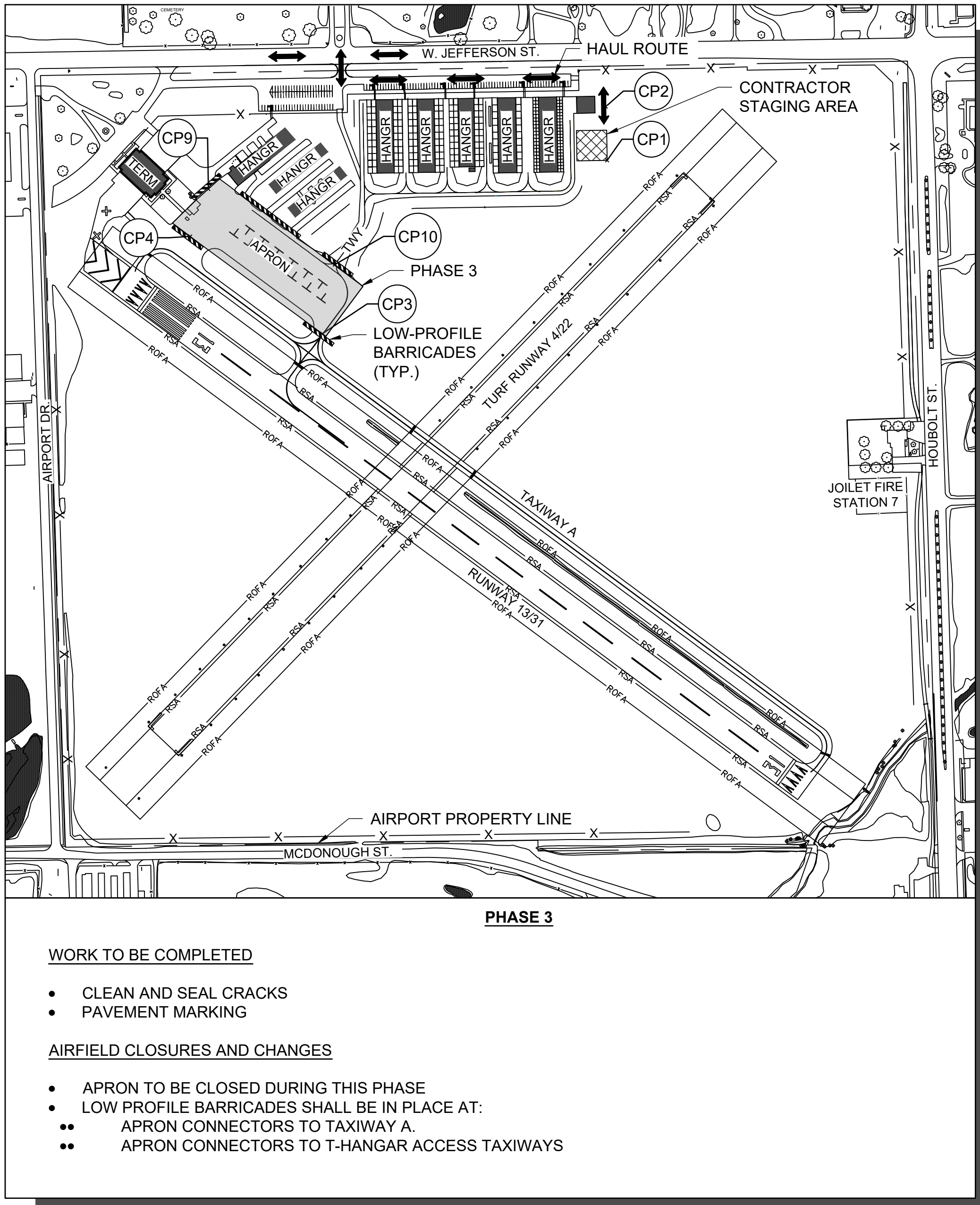
DRAWN BY: JAP 7/24/2024

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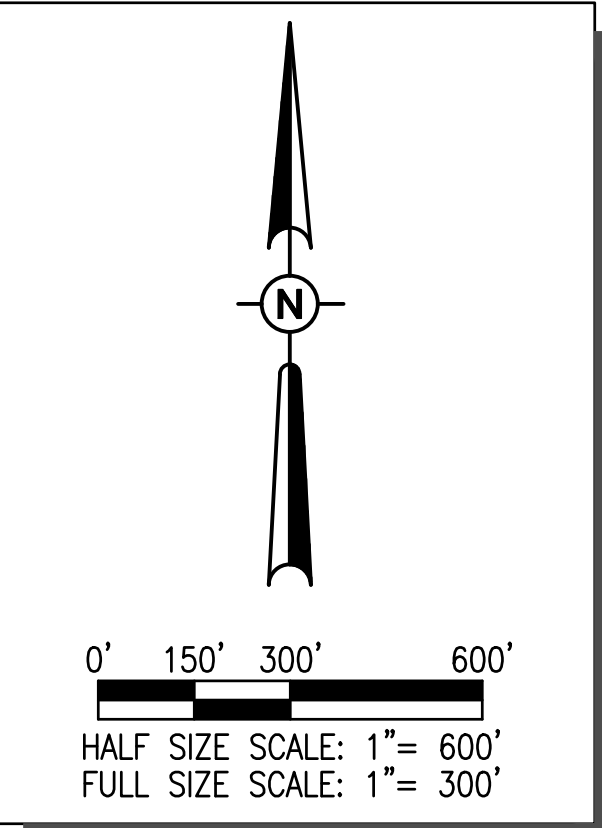
SHEET TITLE

SAFETY PLAN -
PHASE 1 AND 2

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EXISTING	PROPOSED	LEGEND
		PROPOSED WORK AREA
		STAGING AREA (AR150520)
		LOW PROFILE BARRICADE (AR150530)
		TEMPORARY HAUL ROUTE / ACCESS ROUTE
		SAFETY CRITICAL POINT



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AIRFIELD MARKING AND MAINTENANCE

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PROJECT NO: 23A1030

CAD FILE: G-104-CSPP.DWG

DESIGN BY: JAP 7/24/2024

DRAWN BY: JAP 7/24/2024

REVIEWED BY: LDH 8/12/2024

SHEET TITLE

SAFETY PLAN - PHASE 3 AND 4

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SAFETY NOTES

- ALL PROVISIONS OF THE LATEST EDITION OF FAA ADVISORY CIRCULAR AC 150/5370-2 (CURRENT EDITION), "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION", APPLY TO THIS CONTRACT, EXCEPT AS MODIFIED BY THIS SAFETY PLAN. ANY MODIFICATION TO THIS PLAN MUST BE APPROVED BY THE FAA, THE OWNER AND THE RESIDENT ENGINEER/TECHNICIAN.
- THE CONTRACTORS SHALL MINIMIZE DISRUPTION OF STANDARD OPERATING PROCEDURES FOR AERONAUTICAL ACTIVITY BY REMAINING WITHIN THE PRESCRIBED STAGING, CONSTRUCTION, AND PHASING AREAS PRESENTED ON THE CONSTRUCTION SAFETY AND PHASING PLAN SHEETS.
- NO UNAUTHORIZED PERSONNEL SHALL ENTER ANY AREA OF THE AIRPORT THAT COULD POTENTIALLY BE HAZARDOUS. THE AIRPORT MANAGER RESERVES THE RIGHT TO SUSPEND OPERATIONS IN ORDER TO MAINTAIN SAFETY AT THE AIRPORT.
- CONSTRUCTION EQUIPMENT OR CONSTRUCTION ACTIVITY WILL NOT BE PERMITTED WITHIN 250' OF RWY 13/31 (DISTANCES MEASURED FROM ACTIVE CENTERLINES) UNLESS CLOSED OR OTHERWISE NOTED. CONSTRUCTION EQUIPMENT OR CONSTRUCTION ACTIVITY WILL ALSO NOT BE PERMITTED WITHIN 65.5' OF ANY ACTIVE AIRPORT TAXIWAY CENTERLINE OR APRON UNLESS OTHERWISE NOTED.
- CONTRACTOR EQUIPMENT, VEHICLES, AND PROJECT MATERIALS SHALL BE STORED AT THE STAGING AREA SHOWN ON THE PLAN VIEW, EXCEPT AS OTHERWISE PROVIDED FOR AT THE PRE-CONSTRUCTION CONFERENCE.
- ALL CONSTRUCTION EQUIPMENT OPERATING IN THE PRESCRIBED CONSTRUCTION AREA IS REQUIRED TO DISPLAY A CHECKERBOARD FLAG PROPERLY LOCATED OR A ROTATING BEACON (STROBE) AS SPECIFIED IN AC 150/5210-5, "PAINTING, MARKING, AND LIGHTING OF VEHICLES USED ON AN AIRPORT" LATEST EDITION.
- NO CONSTRUCTION MATERIAL STOCKPILES SHALL BE LOCATED WITHIN 250' OF ANY ACTIVE RUNWAY, WITHIN 65.5' OF ANY OTHER ACTIVE AIRPORT OPERATIONS AREA, OR PENETRATE A PART 77 IMAGINARY SURFACE (PROVIDED BY THE RESIDENT ENGINEER/TECHNICIAN) EXTENDING OUT AND UPWARDS FROM ALL SIDES OF AN ACTIVE RUNWAY.
- OPEN TRENCHES, EXCAVATIONS, AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHOULD BE PROMINENTLY MARKED WITH ORANGE FLAGS AND LIGHTED WITH FLASHING RED LIGHTS DURING HOURS OF RESTRICTED VISIBILITY AND/OR DARKNESS.
- NO OPEN FLAME WELDING OR TORCH CUTTING OPERATION IS PERMITTED UNLESS ADEQUATE FIRE AND SAFETY PRECAUTIONS ARE PROVIDED AND HAVE BEEN APPROVED BY THE AIRPORT MANAGER. NO FLARE POTS ARE ALLOWED ON THE PROJECT.
- SOIL, DEBRIS, AND LOOSE MATERIAL DROPPED OR TRUCKED ONTO AIRPORT ROADS, TAXIWAYS, AND SOD SURFACES, OR WHICH CAN BE BLOWN ONTO SUCH SURFACES, SHALL BE IMMEDIATELY SWEEPED, PICKED UP AND REMOVED, OR PLACED INTO CLOSED CONTAINERS. ANY DAMAGE TO AIRPORT PROPERTY SHALL BE REPAIRED IMMEDIATELY AT NO COST TO THE OWNER.
- CONTRACTOR SHALL TAKE MEASURES TO AVOID TRACKING BITUMINOUS TACK COAT ASSOCIATED WITH PAVING PROJECTS ONTO ADJACENT PAVEMENT AREAS, ESPECIALLY GROOVED RUNWAY PAVEMENTS, UNLESS SUFFICIENT PROTECTION HAS BEEN APPLIED. HEAVY TRACKING OR DAMAGE TO ADJACENT PAVEMENTS AND GROOVED SURFACES MAY BE CAUSE FOR STOPPING THE WORK UNTIL ACCEPTABLE PROTECTION OR CHANGE IN WORK METHODS HAS BEEN PROVIDED.
- EACH CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND MAINTAINING AIRPORT LIGHTING AND NAVIGATIONAL ELECTRICAL SYSTEMS DURING CONSTRUCTION. A CONTACT PERSON AND TELEPHONE NUMBER FOR 24 HOUR EMERGENCY IMMEDIATE REPAIR SHALL BE SUBMITTED TO THE AIRPORT MANAGER AND RESIDENT ENGINEER/TECHNICIAN. HAUL ROUTES CROSSING PAVEMENT, DRAINAGE, MISCELLANEOUS STRUCTURES AND/OR AIRFIELD CABLES SHALL BE PROTECTED FROM DAMAGE.
- ALL AIRCRAFT AND AIRPORT OPERATIONS HAVE THE RIGHT-OF-WAY. CONTRACTOR TO YIELD TO VEHICLES AND REMAIN CLEAR AT ALL TIMES.
- CONTRACTOR SHALL MARK HAZARDOUS AREA WITH STEADY-BURNING OR FLASHING RED LIGHTS DURING PERIODS OF LOW VISIBILITY AS REQUIRED.
- THE CONTRACTOR SHALL PERIODICALLY PERFORM ONSITE INSPECTIONS THROUGHOUT THE DURATION OF THE PROJECT WITH THE IMMEDIATE REMEDY OF ANY DIFFERENCES, WHETHER CAUSED BY NEGLIGENCE, OVERSIGHT, OR PROJECT SCOPE CHANGE.
- CONTRACTOR SHALL MOVE MAINTENANCE OF TRAFFIC COMPONENTS AT THE WRITTEN DIRECTION OF THE RESIDENT ENGINEER/TECHNICIAN AT NO ADDITIONAL COST.
- CONTRACTOR SHALL MAINTAIN FLASHERS, SIGNS AND/OR BARRICADES AS REQUIRED BY THE PLANS, CITY OR COUNTY REGULATIONS OR CONTRACTOR ACTIVITIES. CONTRACTOR SHALL OBTAIN ANY AND ALL REQUIRED LOCAL PERMITS UNLESS SPECIFIED OTHERWISE.
- THE CONTRACTOR SHALL UTILIZE WATER AND/OR CHEMICALS APPROVED BY THE RESIDENT ENGINEER/TECHNICIAN AS NECESSARY TO CONTROL DUST.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR IMPLEMENTING MEASURES TO CONTROL OR AVOID CREATING ATTRACTANTS TO WILDLIFE. MEASURES MAY INCLUDE CONTINUOUSLY REMOVING ANY WASTE OR LOOSE MATERIALS, PLACEMENT OF MATERIALS IN APPROPRIATE STORAGE CONTAINERS, PROPERLY MAINTAINING FENCES AND GATES TO PREVENT ACCESS, AND PREVENTING PONDING OF WATER THROUGHOUT THE SITE.
- UNLESS SPECIFIED OTHERWISE, COST FOR SAFETY, STAGING, AND TRAFFIC MAINTENANCE ITEMS IS TO BE CONSIDERED INCIDENTAL TO THE PROJECT. SEPARATE PAYMENT SHALL NOT BE MADE.
- THE CONTRACTOR SHALL HAVE THE SAFETY PLAN COMPLIANCE DOCUMENT (SPCD), AS DETAILED IN THE SPECIAL PROVISIONS, SUBMITTED AND APPROVED PRIOR TO BEING ISSUED "NOTICE TO PROCEED".

EROSION CONTROL

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

CERTIFIED PAYROLLS

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

MATERIAL CERTIFICATION

COMPLETED WORK CANNOT BE PLACED ON A CONSTRUCTION REPORT UNTIL ALL MATERIAL CERTIFICATIONS FOR THAT PAY ITEM HAVE BEEN RECEIVED, REVIEWED AND ACCEPTED BY THE RESIDENT ENGINEER.

AIRPORT SECURITY NOTE

AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR WILL CLOSE AND LOCK GATES AT THE END OF EACH WORKING DAY.

BARRICADES AND TRAFFIC CONES

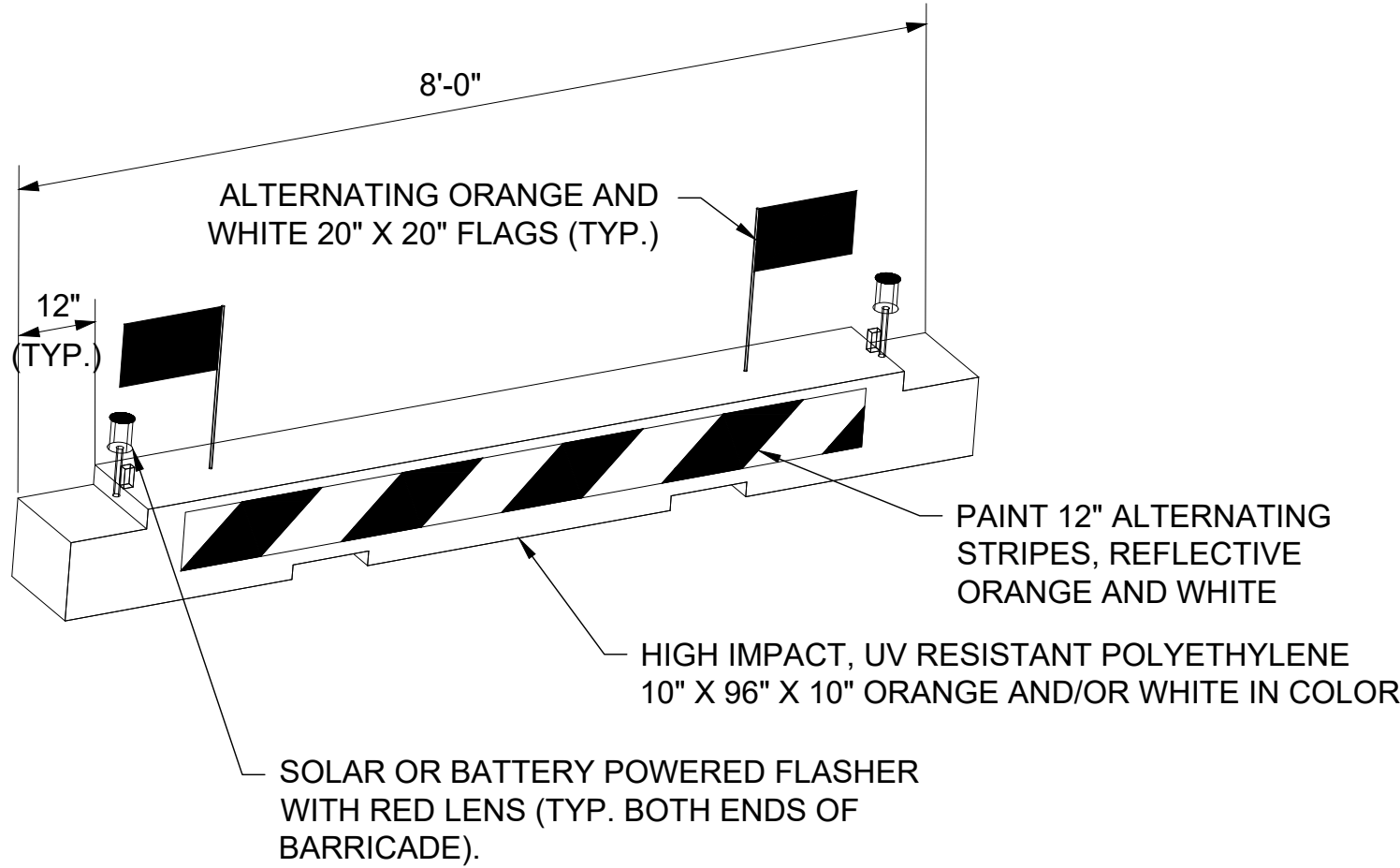
IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES AND TRAFFIC CONES AS DIRECTED BY THE AIRPORT MANAGER. THE BARRICADES WILL BE EQUIPPED WITH RED STEADY-BURN OR FLASHING LIGHTS. THE BARRICADES, THEIR MAINTENANCE, PLACEMENT AND REMOVAL WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

UTILITY NOTE

THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND AGENCIES WHICH HAVE LINES OR CONDUITS IN THE WORK AREA. ALL LINES AND CONDUITS SHALL BE LOCATED AND IDENTIFIED FOR DEPTH BEFORE ANY EXCAVATION BEGINS. THE CONTRACTOR WILL CALL J.U.L.I.E. (1-800-892-0123) TO ACCOMPLISH THE ABOVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY ALL UNDERGROUND NON-JULIE UTILITIES LOCATED WITHIN THE CONSTRUCTION LIMITS. THESE UNDERGROUND IMPROVEMENTS WILL BE LOCATED AT THE CONTRACTOR'S OWN EXPENSE PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.



PROJECT IS LOCATED IN NORTHWEST 1/4 OF SECTION 14, TROY TOWNSHIP, WILL COUNTY



LOW PROFILE AIRCRAFT BARRICADE DETAIL

BARRICADE NOTES

- ALL CONSTRUCTION SIGNS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES INCLUDING THE ILLINOIS SUPPLEMENT (LATEST EDITION) AND THE FAA ADVISORY CIRCULARS (LATEST EDITION) UNLESS NOTED OTHERWISE. THE FAA OR MORE STRINGENT SPECIFICATIONS SHALL GOVERN.
- BARRICADES SHALL BE INTERLOCKED END TO END OVER THE LENGTH OF THE PAVEMENT WHERE PROTECTING OPEN RUNWAYS, AND SPACED END TO END A MAXIMUM OF 4 FEET IN OTHER ALL OTHER AREAS. BARRICADES ARE TO BE SET BACK FROM THE ACTIVE RUNWAY OR TAXIWAY CENTERLINE THE DISTANCE AS SHOWN ON THE PLANS.
- CONSTRUCTION RED WARNING LIGHT: THESE ARE PORTABLE, LENS DIRECTED, ENCLOSED LIGHTS. THE COLOR OF THE LIGHT EMITTED SHALL BE RED. THEY MAY BE USED IN EITHER A STEADY BURN (TYPE C) OR LOW INTENSITY FLASHING MODE (TYPE A) UNLESS NOTED OTHERWISE.
- THE LIGHTING SHALL BE MAINTAINED IN OPERATION DURING THE HOURS OF DARKNESS BETWEEN 1/2 HOUR AFTER SUNSET AND 1/2 HOUR BEFORE SUNRISE AND WHEN CONDITIONS EXIST WHICH TEND TO OBSCURE VISION.
- BARRICADES SHALL BE SECURED TO THE GROUND BY APPROVED METHODS TO PREVENT MOVEMENT BY PROP WASH, JET BLAST OR OTHER WIND CURRENTS.
- THE ONLY COLOR COMBINATION ON BARRICADES IS ORANGE AND WHITE. THE ORANGE STRIPES SHALL BE ENCAPSULATED LENS REFLECTIVE SHEETING. THE WHITE STRIPES SHALL BE EITHER ENCAPSULATED OR ENCLOSED LENS REFLECTIVE SHEETING AND MUST BE IN ACCEPTABLE CONDITION.
- COST FOR PROVIDING, PLACING, MAINTAINING, RELOCATING AND REMOVING BARRICADES SHALL BE PAID UNDER ITEM AR150530.

RUNWAY END COORDINATES			
DESCRIPTION	LATITUDE	LONGITUDE	RUNWAY ELEVATION
RUNWAY 13 END	41°31'11.11" N	88°10'45.63" W	580.5
RUNWAY 31 END	41°30'54.47" N	88°10'15.87" W	577.4
RUNWAY 4 END	41°30'56.02" N	88°10'43.87" W	575.3
RUNWAY 22 END	41°31'14.10" N	88°10'20.49" W	578.4

NOTES

- VERTICAL COORDINATES ARE IN NGVD 29. HORIZONTAL COORDINATES ARE IN STATE PLANE NAD 83 ILLINOIS EAST.
- STATIONS, OFFSETS AND ELEVATIONS SHOWN ARE IN FEET.
- THE AIRPORT REFERENCE CODE FOR RUNWAY 13-31 IS B-II. RUNWAY 13 HAS A NON-PRECISION APPROACH WITH VISIBILITY MINIMUM OF GREATER THAN 3/4 MILE WHILE RUNWAY 31 HAS A VISUAL APPROACH.



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JOLIET REGIONAL AIRPORT
JOLIET PARK DISTRICT
4000 W. Jefferson Street
Joliet, Illinois 60431
phone: 815.741.7267

AIRFIELD MARKING AND MAINTENANCE

IDA No: JOT-5154
SBGP No: 3-17-SBGP-TBD

CONTRACT No. JO028

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: SEPTEMBER 13, 2024

PROJECT NO: 23A1030

CAD FILE: G-104-CSPP.DWG

DESIGN BY: JAP 7/24/2024

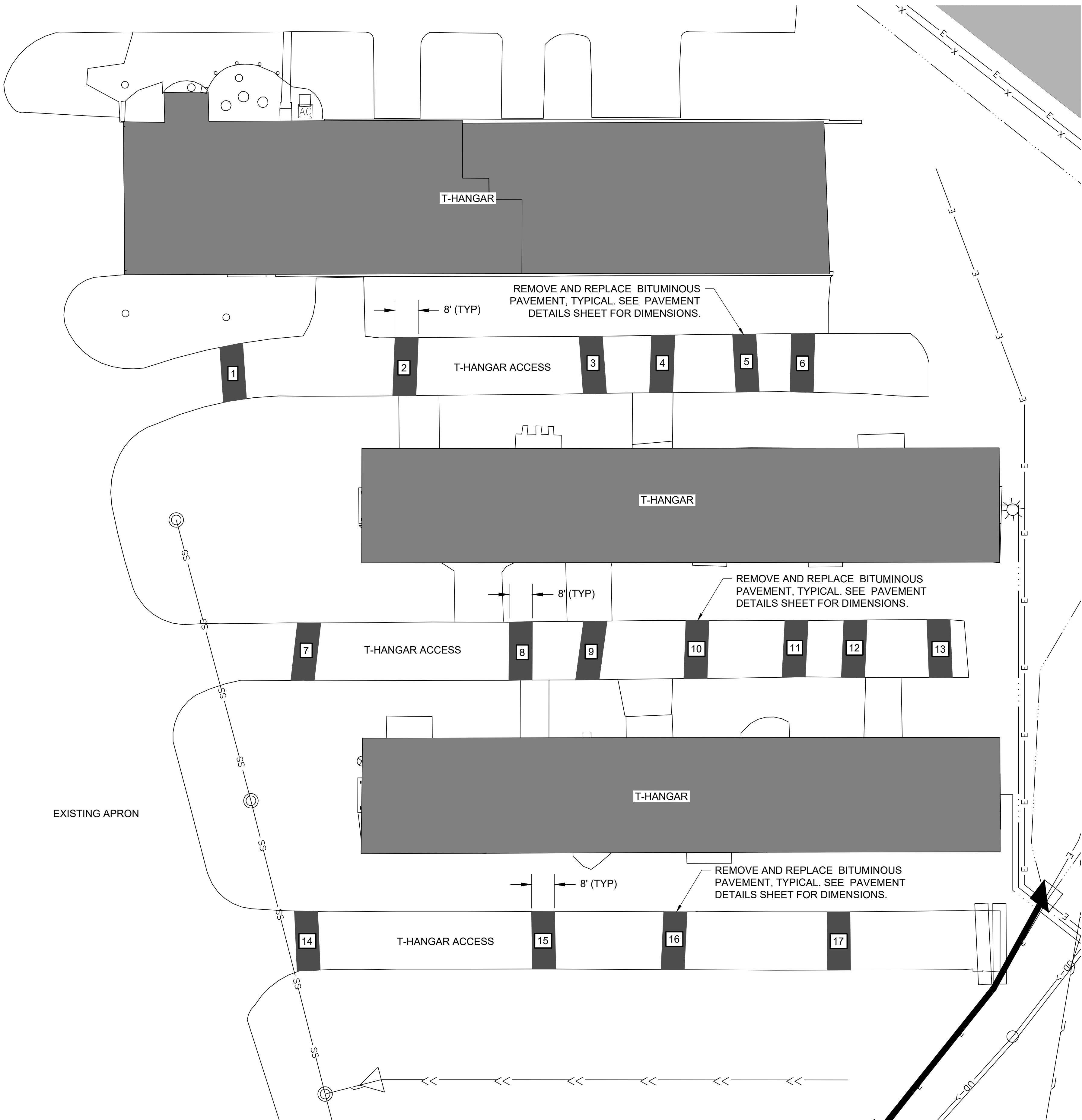
DRAWN BY: JAP 7/24/2024

REVIEWED BY: LDH 8/12/2024

SHEET TITLE

SAFETY PLAN NOTES & DETAILS

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LEGEND

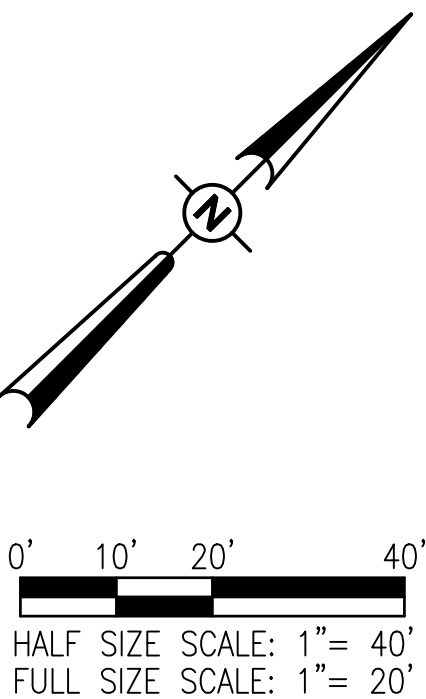
- 2 PROPOSED BITUMINOUS PAVEMENT REMOVAL / REPLACEMENT
SEE PAVEMENT REMOVAL / REPLACEMENT SCHEDULE

DEMOLITION NOTES

- PRIOR TO THE INITIATION OF ANY SITE WORK, CONTRACTOR SHALL LAYOUT LIMITS FOR ALL PROPOSED WORK ITEMS AND LOCATE ALL EXISTING UTILITIES WITHIN THE PROJECT VICINITY. ANY POTENTIAL AREAS OF CONFLICT SHALL BE POT-HOLED BY THE CONTRACTOR FOR VERIFICATION AND REPORTED TO THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS TO THE PROPOSED LAYOUT AS REQUIRED TO AVOID CONFLICTS AT NO ADDITIONAL COST. CONFLICTS THAT CANNOT BE MITIGATED BY ADJUSTMENTS TO THE LAYOUT WILL REQUIRE FURTHER EVALUATION.
- REMOVED CONCRETE, ASPHALT, MILLED MATERIAL, EXCAVATION, ABANDONED UTILITIES AND OTHER MATERIALS SHALL BE DISPOSED OF OFFSITE. UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN.
- PAVEMENT SAWING INCIDENTAL TO REMOVE & REPLACE BITUMINOUS PAVEMENT.

REMOVE & REPLACE BITUMINOUS PAVEMENT

- SEE DETAILS SHEET FOR PATCHING. PATCHING LOCATIONS ARE APPROXIMATE AND WILL BE CONFIRMED AND LAID OUT BY THE RESIDENT ENGINEER/TECHNICIAN.



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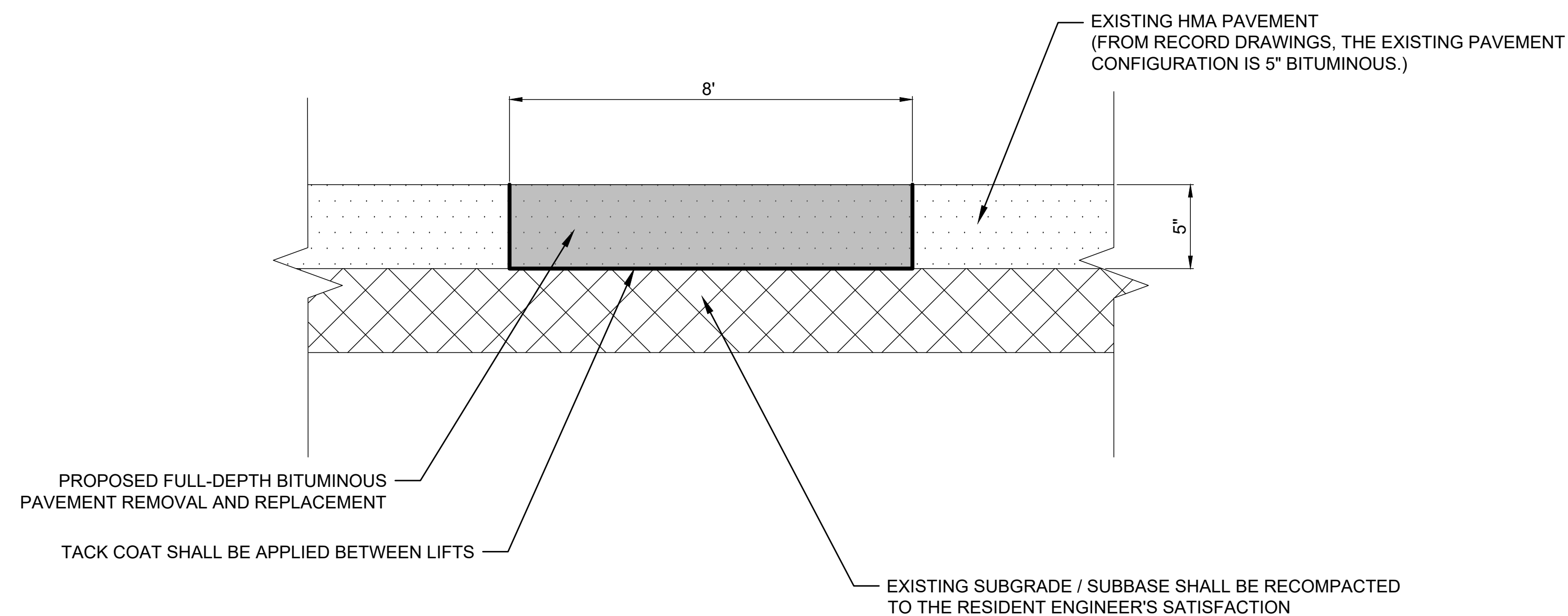
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SHEET TITLE

PAVEMENT REMOVAL & REPLACEMENT PLAN

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AR401916 REMOVE & REPLACE BITUMINOUS PAVEMENT - TYPE B (FULL DEPTH)
NOT TO SCALE

PATCHING SCHEDULE				
NO.	PATCH TYPE	PATCHING LENGTH (FT)	PATCHING WIDTH (FT)	TYPE B TOTAL (AR401916) (SY)
1	B	19.3	8	17.2
2	B	20.1	8	17.9
3	B	19.8	8	17.6
4	B	19.9	8	17.7
5	B	20	8	17.8
6	B	20.3	8	18.0
7	B	20.1	8	17.9
8	B	20	8	17.8
9	B	20.4	8	18.1
10	B	20.1	8	17.9
11	B	19.6	8	17.4
12	B	19.7	8	17.5
13	B	20	8	17.8
14	B	21	8	18.7
15	B	19.8	8	17.6
16	B	20	8	17.8
17	B	20.1	8	17.9

AIRFIELD MARKING AND MAINTENANCE

IDA No: JOT-5154
SBGP No: 3-17-SBGP-TBD

CONTRACT No. JO028

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

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PROJECT NO: 23A1030

CAD FILE: C-501-PAV.DWG

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SHEET TITLE

PAVMENT REMOVAL & REPLACEMENT DETAILS

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AIRFIELD MARKING AND MAINTENANCE

IDA No: JOT-5154
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CONTRACT No. JO028

NO.	DATE	DESCRIPTION		
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CAD FILE: C-151-MRK.DWG

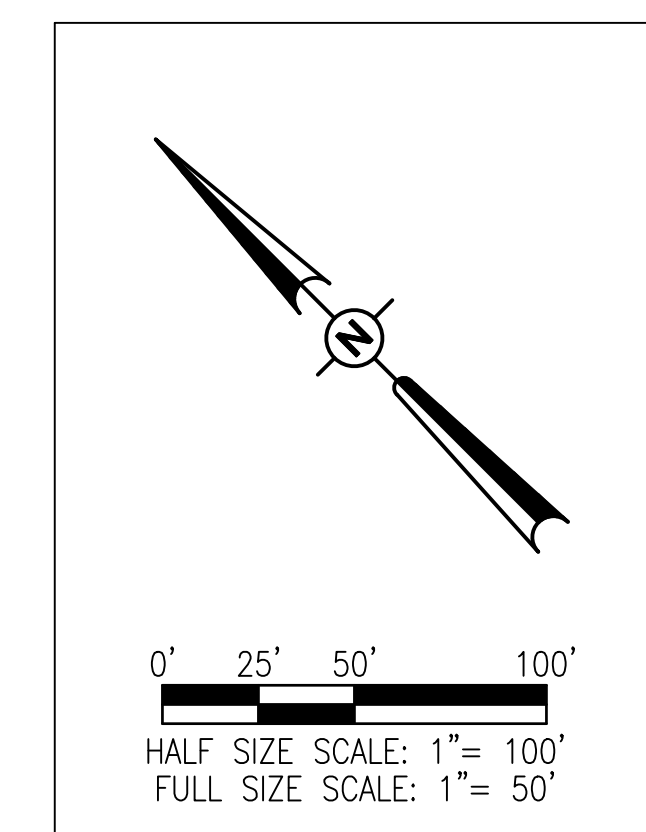
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REVIEWED BY: LDH 8/12/2024

SHEET TITLE

PROPOSED MARKING
PLAN - SHEET 1



WATERBORNE PAVEMENT MARKING NOTES

1. ALL DIMENSIONS SHOWN ARE APPROXIMATE. THE SCOPE OF THIS WORK IS TO REMARK THE RUNWAY AND TAXIWAY MARKING THAT EXISTS.
2. ALL PAINT SHALL BE WATERBORNE.
3. GLASS BEADS SHALL BE USED ON ALL YELLOW AND WHITE MARKINGS. GLASS BEADS SHALL NOT BE APPLIED TO BLACK MARKINGS.
4. A 6 INCH BORDER OF BLACK PAINT SHALL BE UTILIZED TO OUTLINE ALL NEW MARKINGS REGARDLESS OF WHETHER THAT BORDER EXISTS CURRENTLY.

— TAXIWAY CENTERLINE
MARKING (YELLOW).
INCLUDE 6" BLACK BORDER.
SEE DETAIL SHEET.

— TAXIWAY CENTERLINE MARKING (YELLOW).
INCLUDE 6" BLACK BORDER.
SEE DETAIL SHEET.

— MATCH EXISTING RADIUS (TYP.)

TAXIWAY CENTERLINE MARKING (YELLOW).
INCLUDE 6" BLACK BORDER.
SEE DETAIL SHEET.

TAXIWAY CENTERLINE
MARKING (YELLOW).
INCLUDE 6" BLACK BORDER.
SEE DETAIL SHEET.

MATCHLINE "A"

AIRFIELD MARKING AND
MAINTENANCE

IDA No: JOT-5154
SBGP No: 3-17-SBGP-TBD

CONTRACT No. JO028

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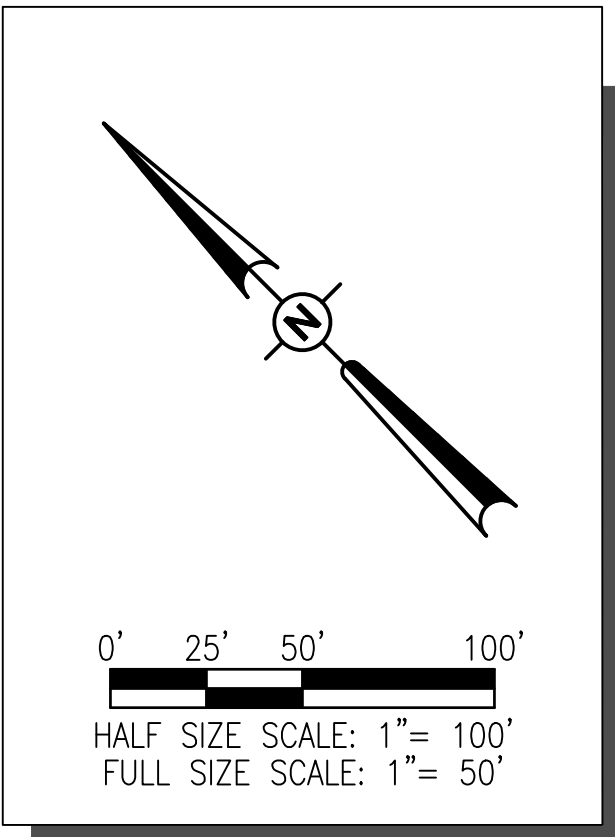
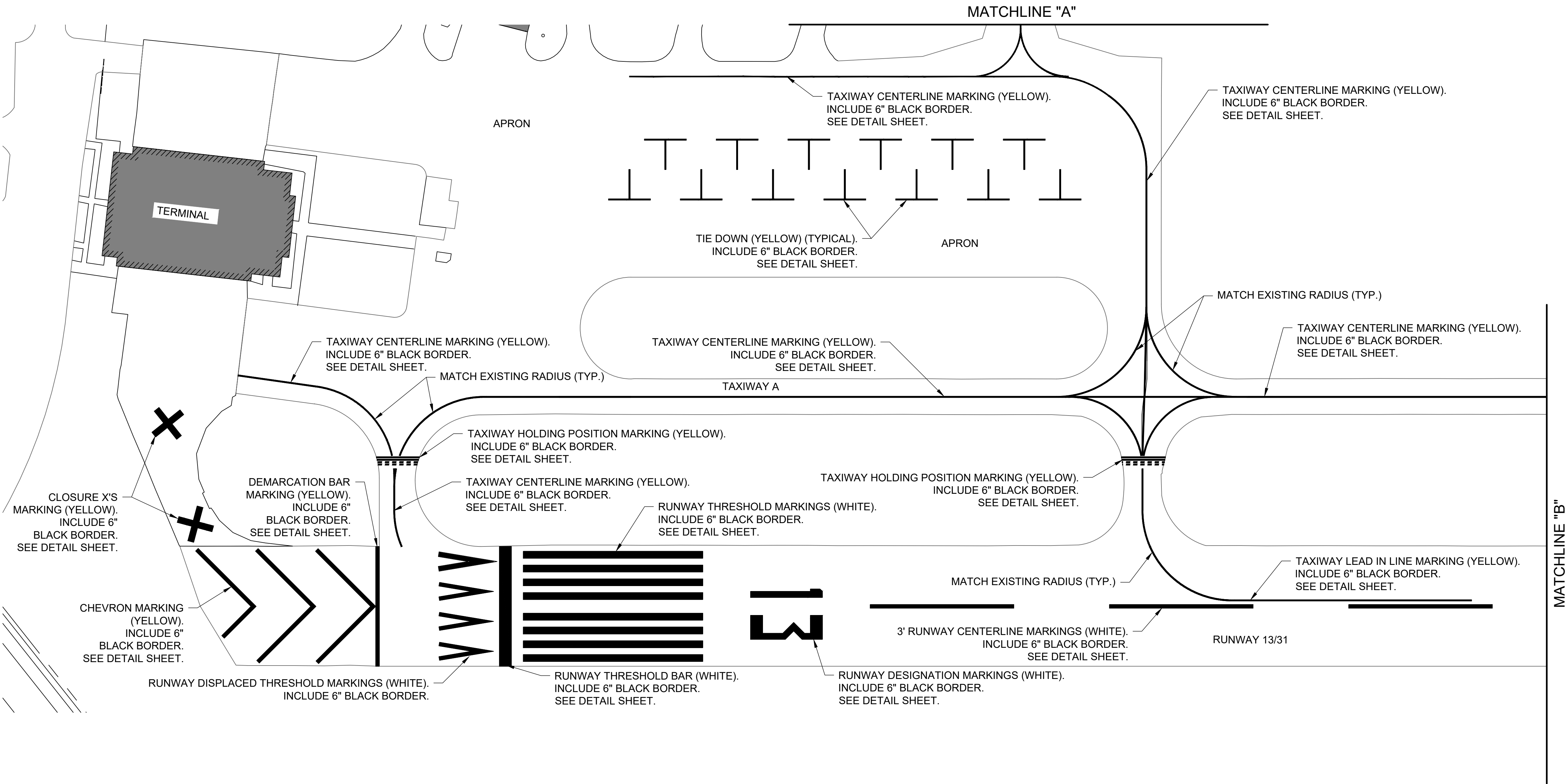
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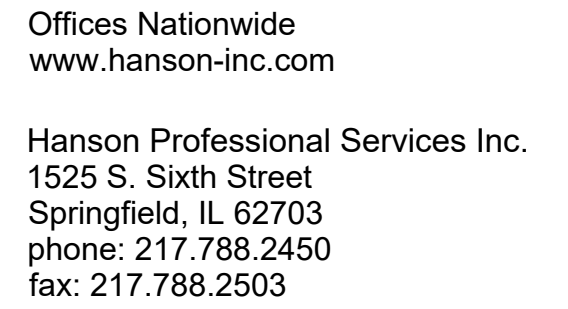
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SHEET TITLE

PROPOSED MARKING
PLAN - SHEET 2





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JOLIET PARK DISTRICT
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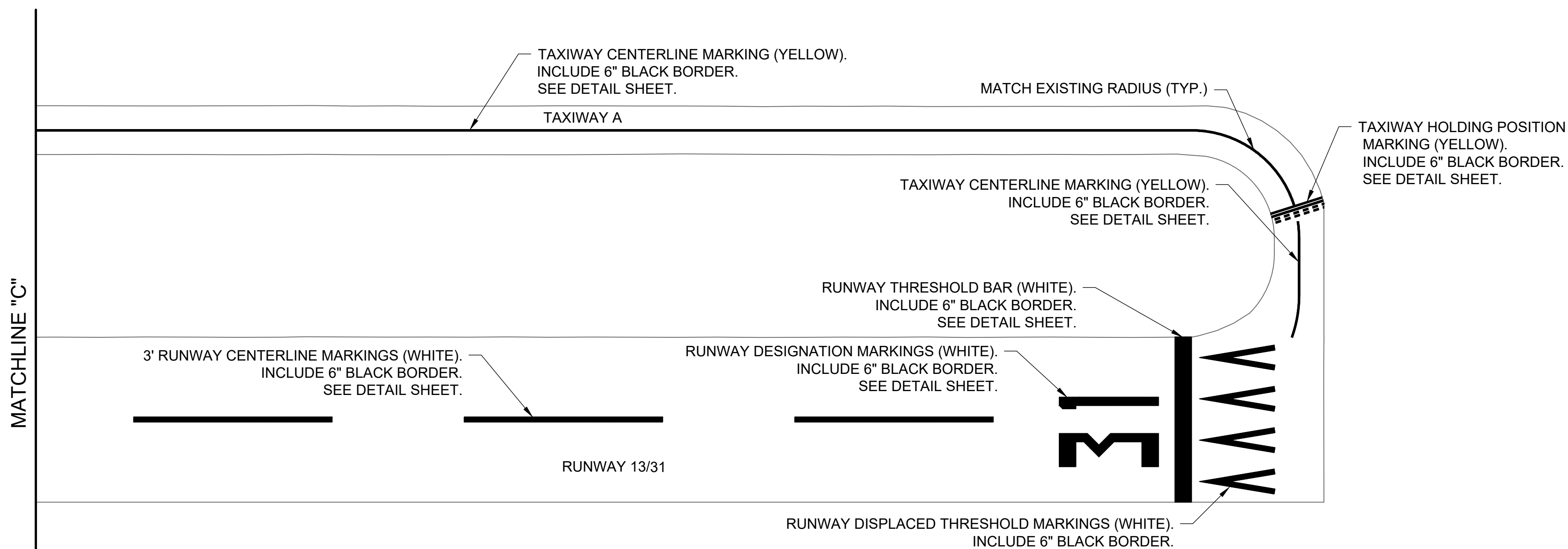
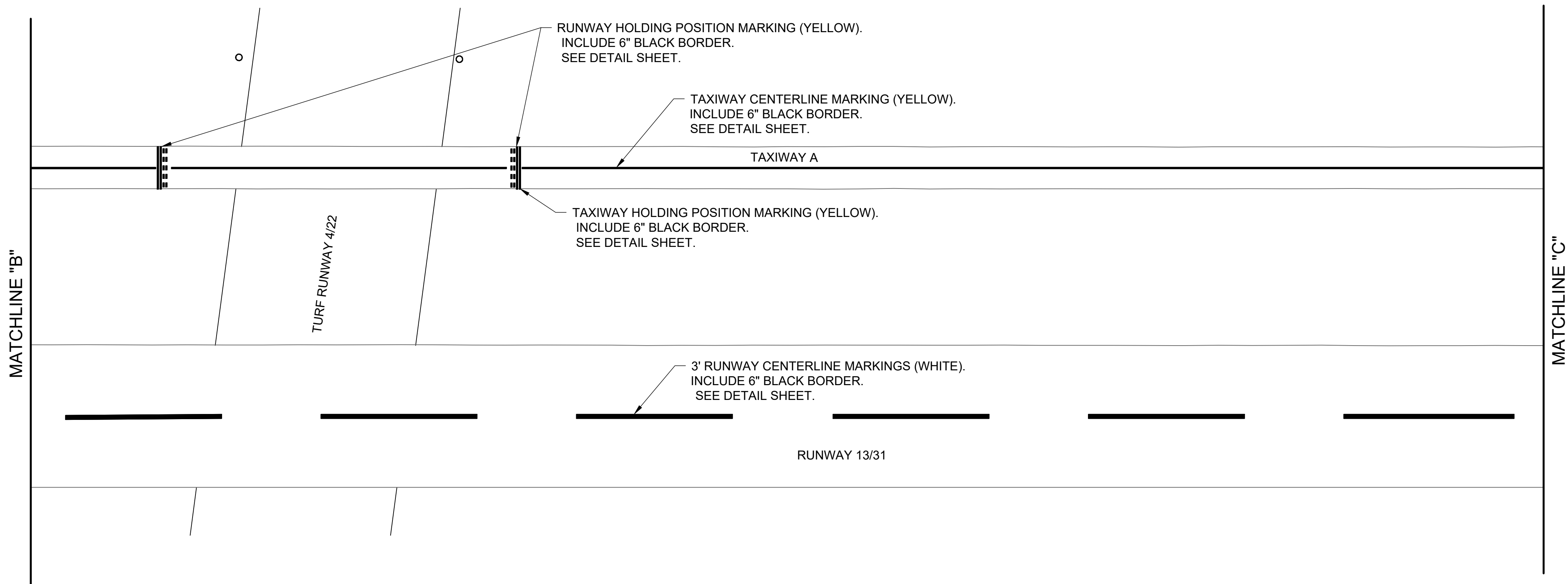
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SHEET TITLE

PROPOSED MARKING
PLAN - SHEET 3





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MARKING SCHEDULE			
AR620520 - PAVEMENT MARKING - WATERBORNE (WHITE)			
DESCRIPTION	UNIT AREA (S.F.)	NO. REQUIRED	TOTAL AREA (S.F.)
DESIGNATION MARKING 1	317.8	2	636
DESIGNATION MARKING 3	633.3	2	1,267
THRESHOLD BAR	1000	2	2,000
THRESHOLD MARKING	862.5	8	6900
DISPLACED THRESHOLD MARKING	219.7	8	1758
CENTERLINE MARKING (120')	360	7	2520
CENTERLINE MARKING (110')	330	5	1650
		WHITE SUBTOTAL	16,730
AR620520 - PAVEMENT MARKING - WATERBORNE (YELLOW)			
DESCRIPTION	UNIT AREA (S.F.)	NO. REQUIRED	TOTAL AREA (S.F.)
PAINTED X'S	275	2	550
DEMARCATIION MARKING	300	1	300
CHEVRON MARKING - LARGE	396.4	2	793
CHEVRON MARKING - SMALL	308.9	1	309
HOLDING POSITION - 1	106.77	1	107
HOLDING POSITION - 2	108.9	1	109
HOLDING POSITION - 3	90	1	90
HOLDING POSITION - 4	90	1	90
HOLDING POSITION - 5	101.2	1	101
TAXIWAY CENTERLINE - TAXIWAY	3989	1	3,989
TAXIWAY CENTERLINE - APRON	591.23	1	591
TAXIWAY CENTERLINE - T-HANGAR ACCESS	2576.5	1	2,577
TIE DOWN MARKING	59.5	13	774
		YELLOW SUBTOTAL	10,379
		WATERBORNE TOTAL	27,109

MARKING SCHEDULE			
AR620525 - PAVEMENT MARKING - BLACK BORDER			
DESCRIPTION	UNIT AREA (S.F.)	NO. REQUIRED	TOTAL AREA (S.F.)
PAINTED X'S	61	2	122
DESIGNATION MARKING 1	67.4	2	135
DESIGNATION MARKING 3	102.7	2	205
THRESHOLD BAR	111	2	222
THRESHOLD MARKING	156.75	8	1254
DISPLACED THRESHOLD MARKING	77.2	8	618
DEMARCATIION MARKING	104	1	104
CHEVRON MARKING - LARGE	136.6	2	273
CHEVRON MARKING - SMALL	107.0	1	107
CENTERLINE MARKING (120')	124	7	868
CENTERLINE MARKING (110')	114	5	570
HOLDING POSITION - 1	171.0	1	171
HOLDING POSITION - 2	179.0	1	179
HOLDING POSITION - 3	150.0	1	150
HOLDING POSITION - 4	150.0	1	150
HOLDING POSITION - 5	159	1	159
TAXIWAY CENTERLINE - TAXIWAY	3989	1	3989
TAXIWAY CENTERLINE - APRON	591.23	1	591
TAXIWAY CENTERLINE - T-HANGAR ACCESS	2576.5	1	2577
TIE DOWN MARKING	61.5	13	800
		BLACK TOTAL	13,243

NO.	DATE	DESCRIPTION			
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ISSUE: SEPTEMBER 13, 2024

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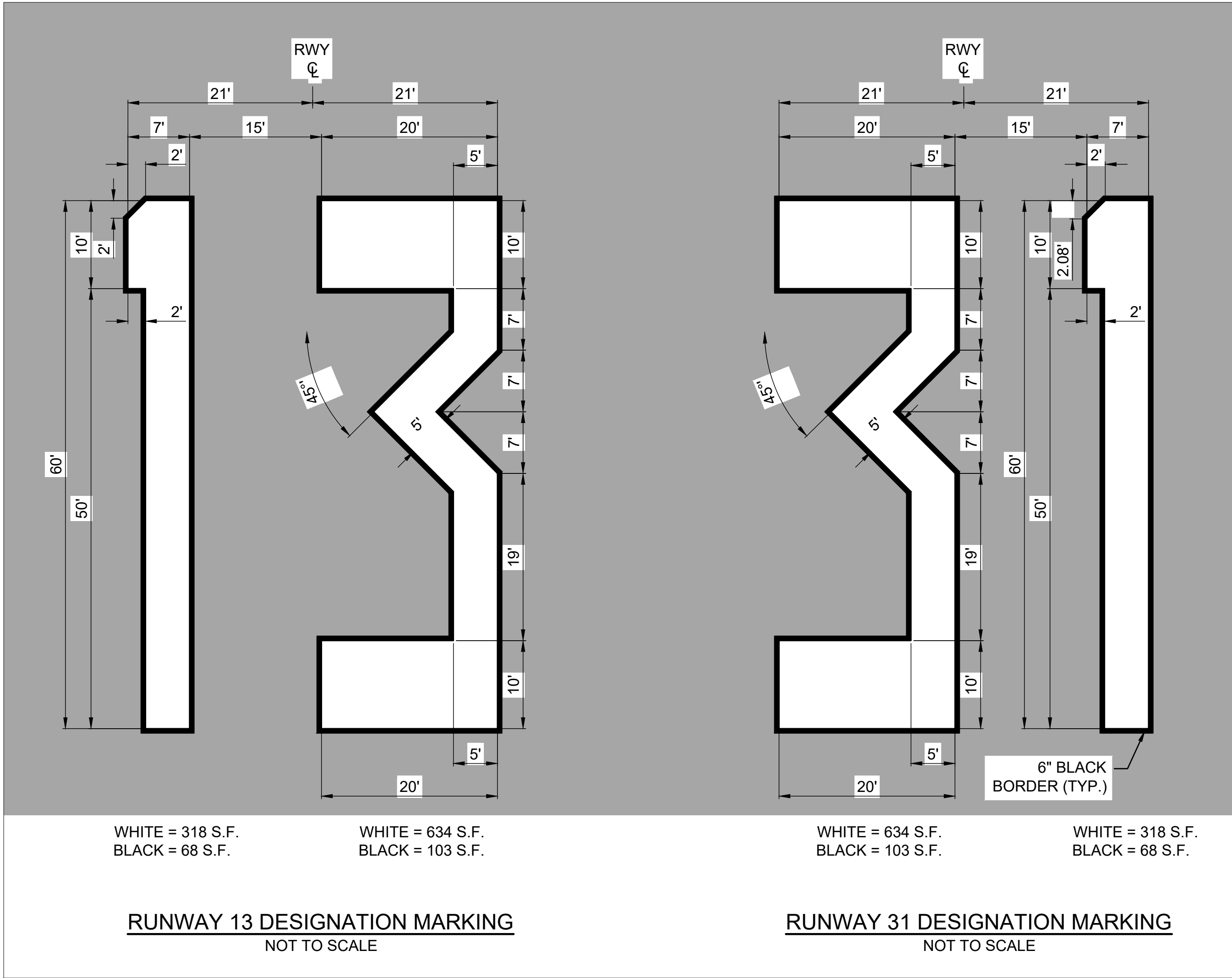
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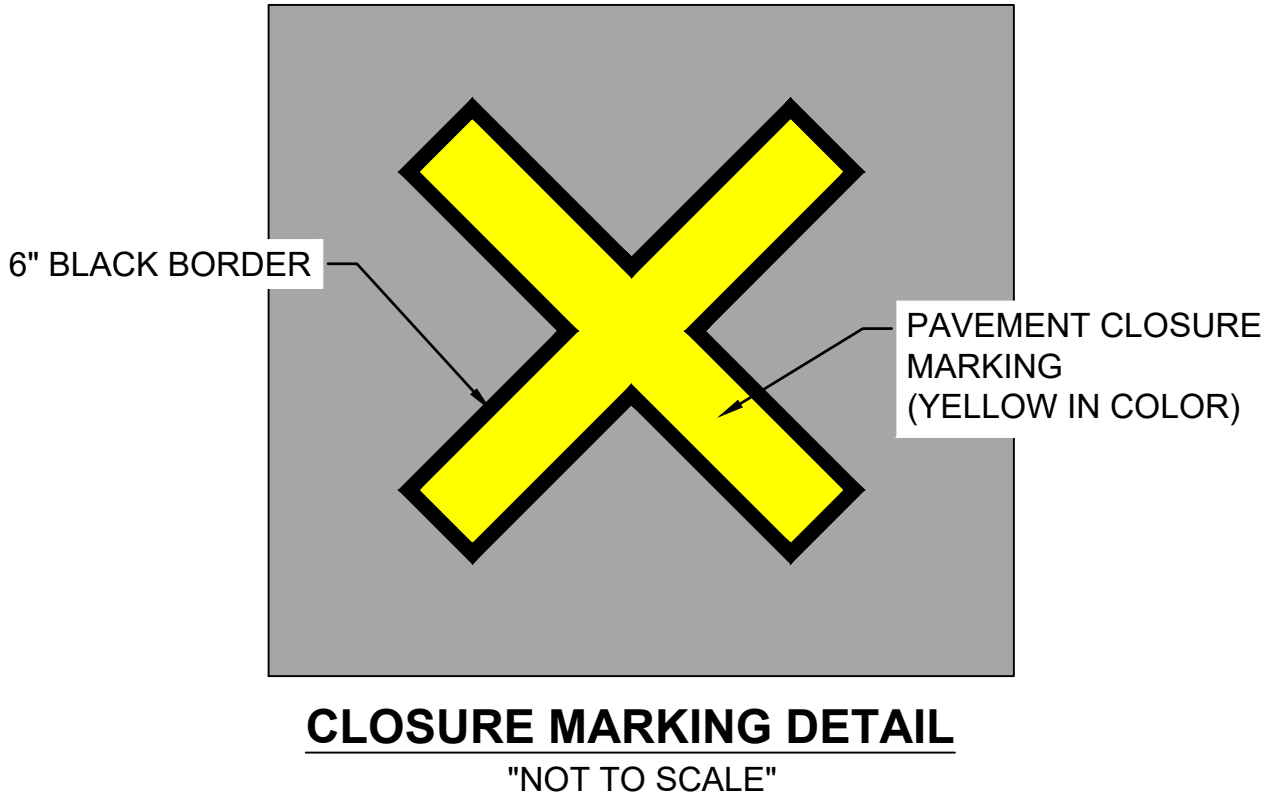
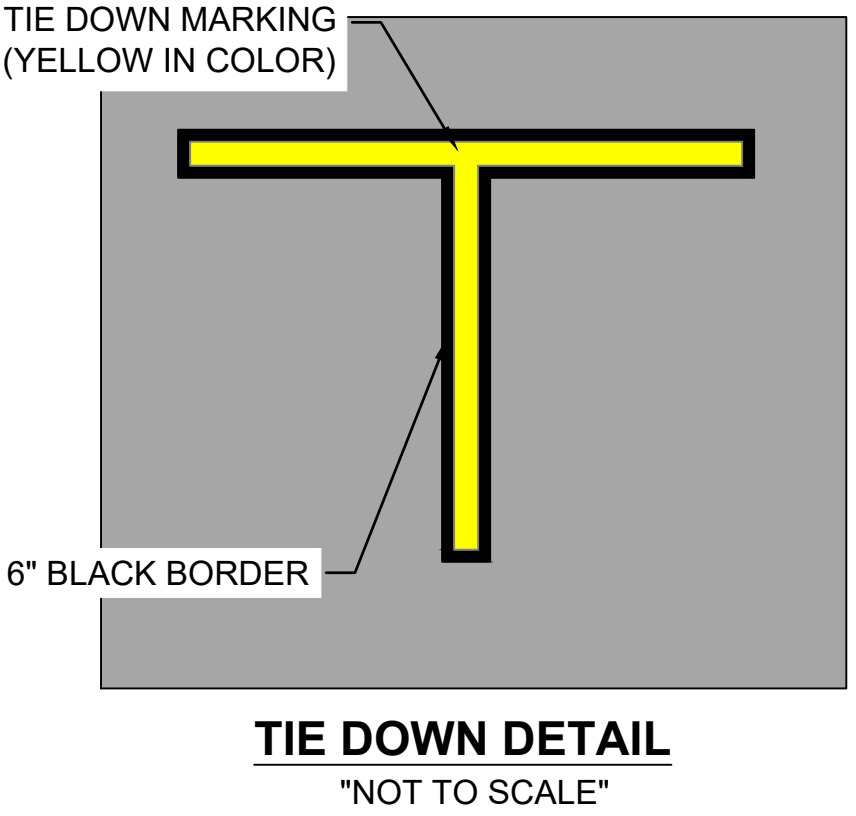
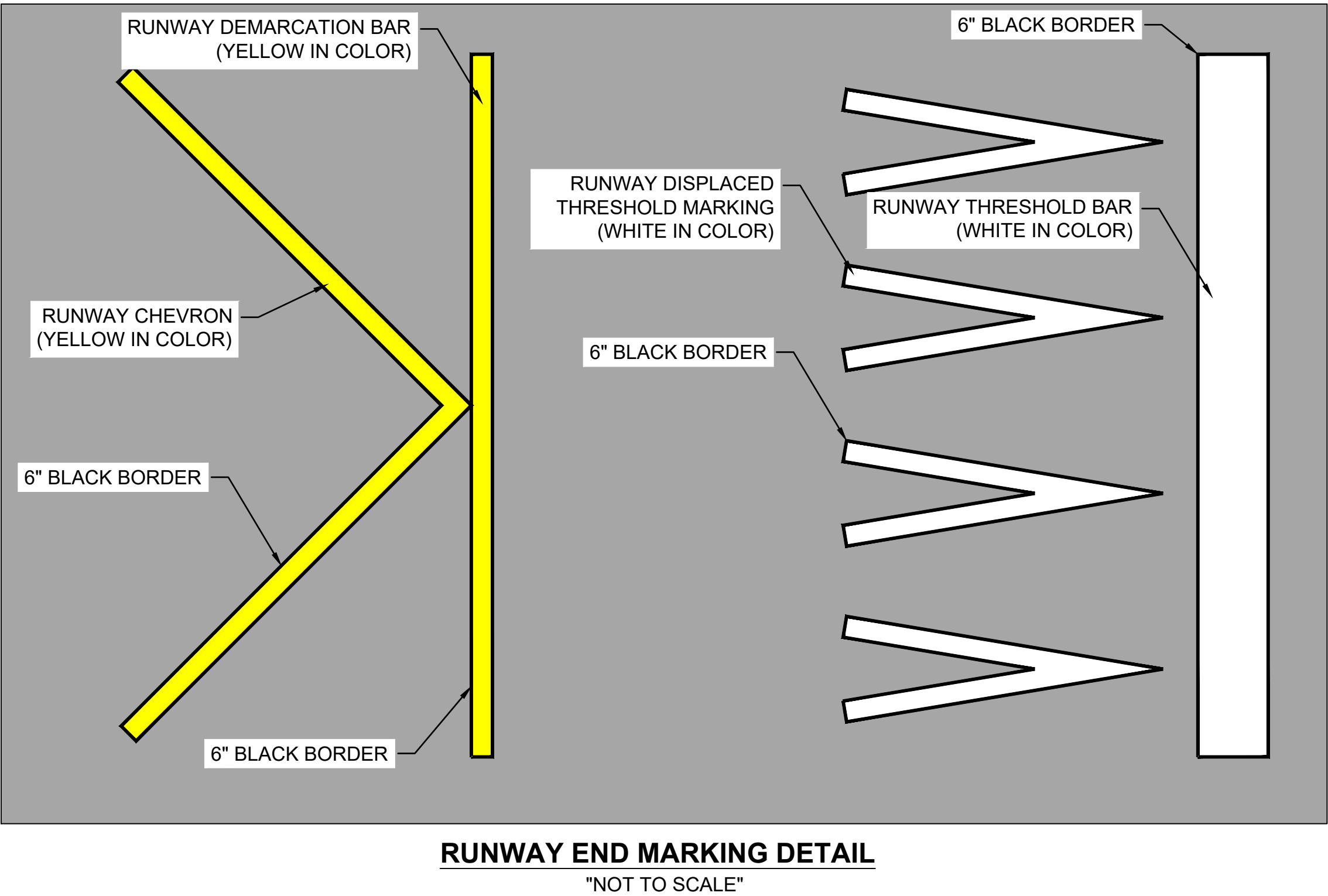
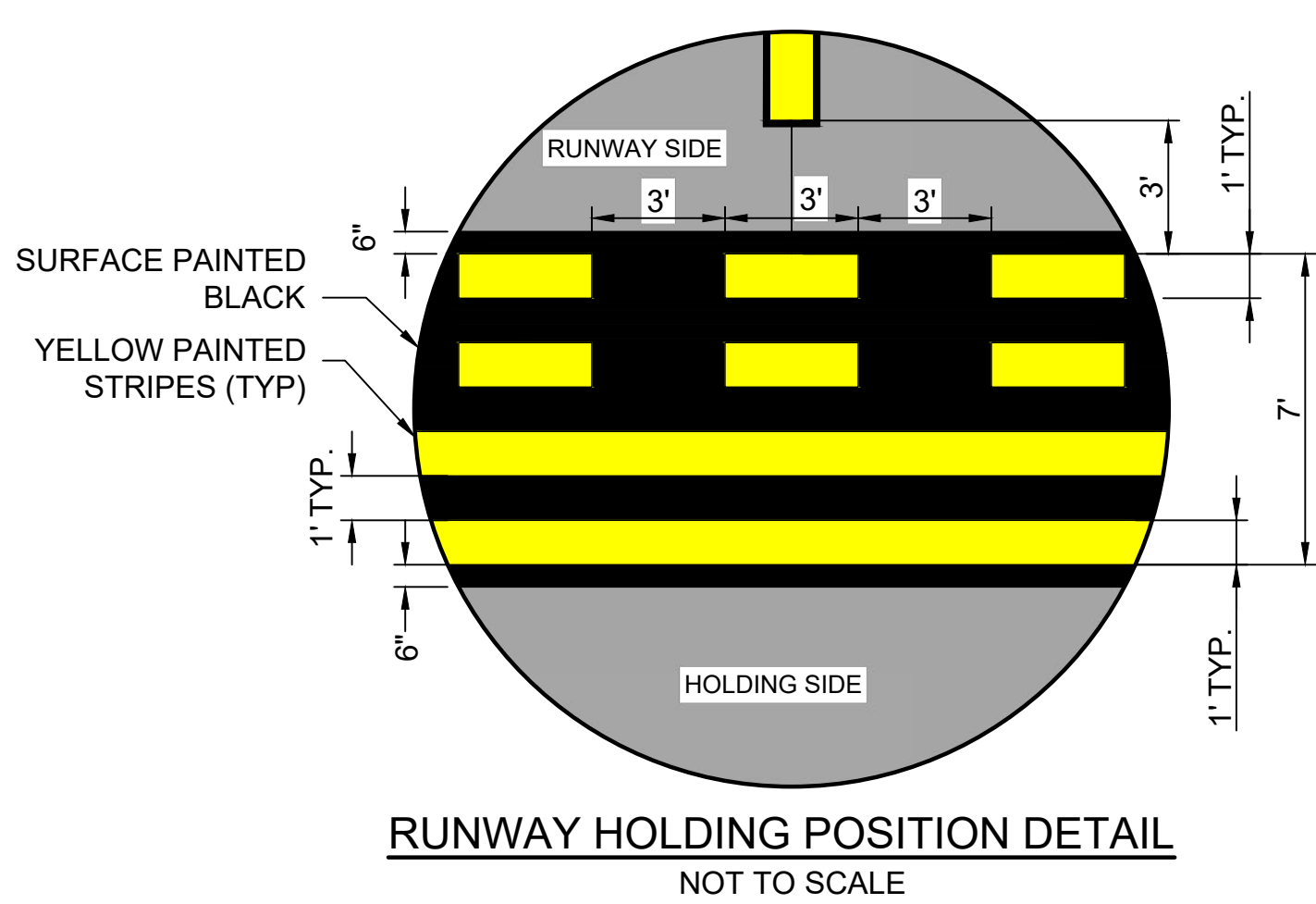
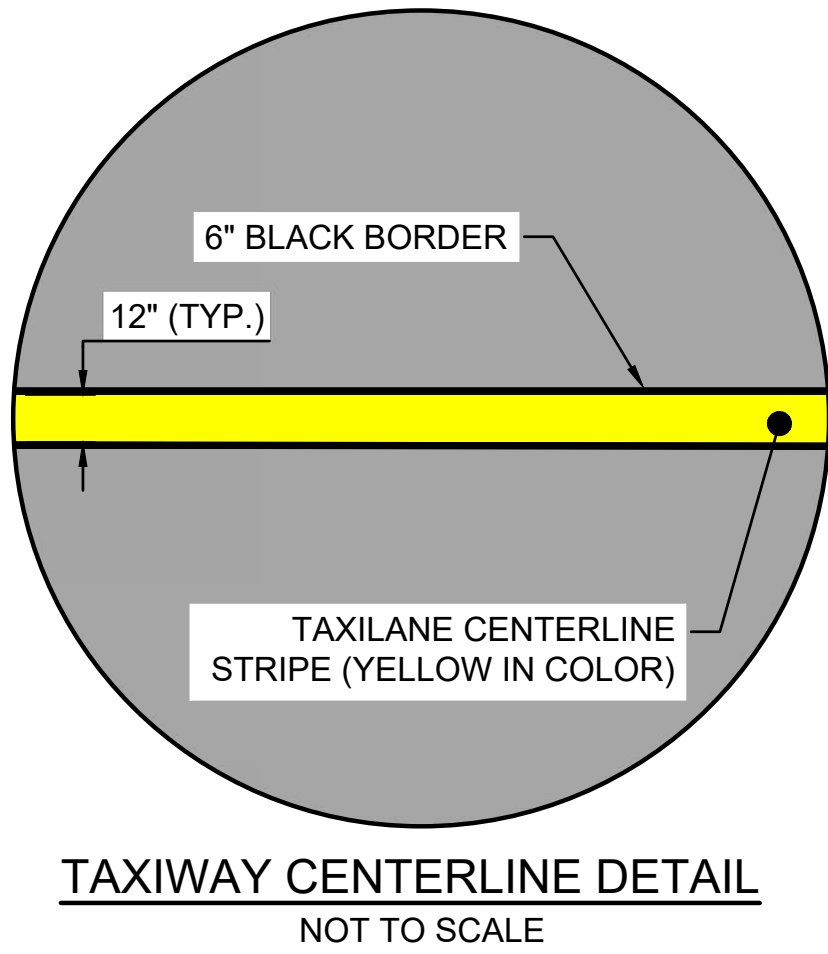
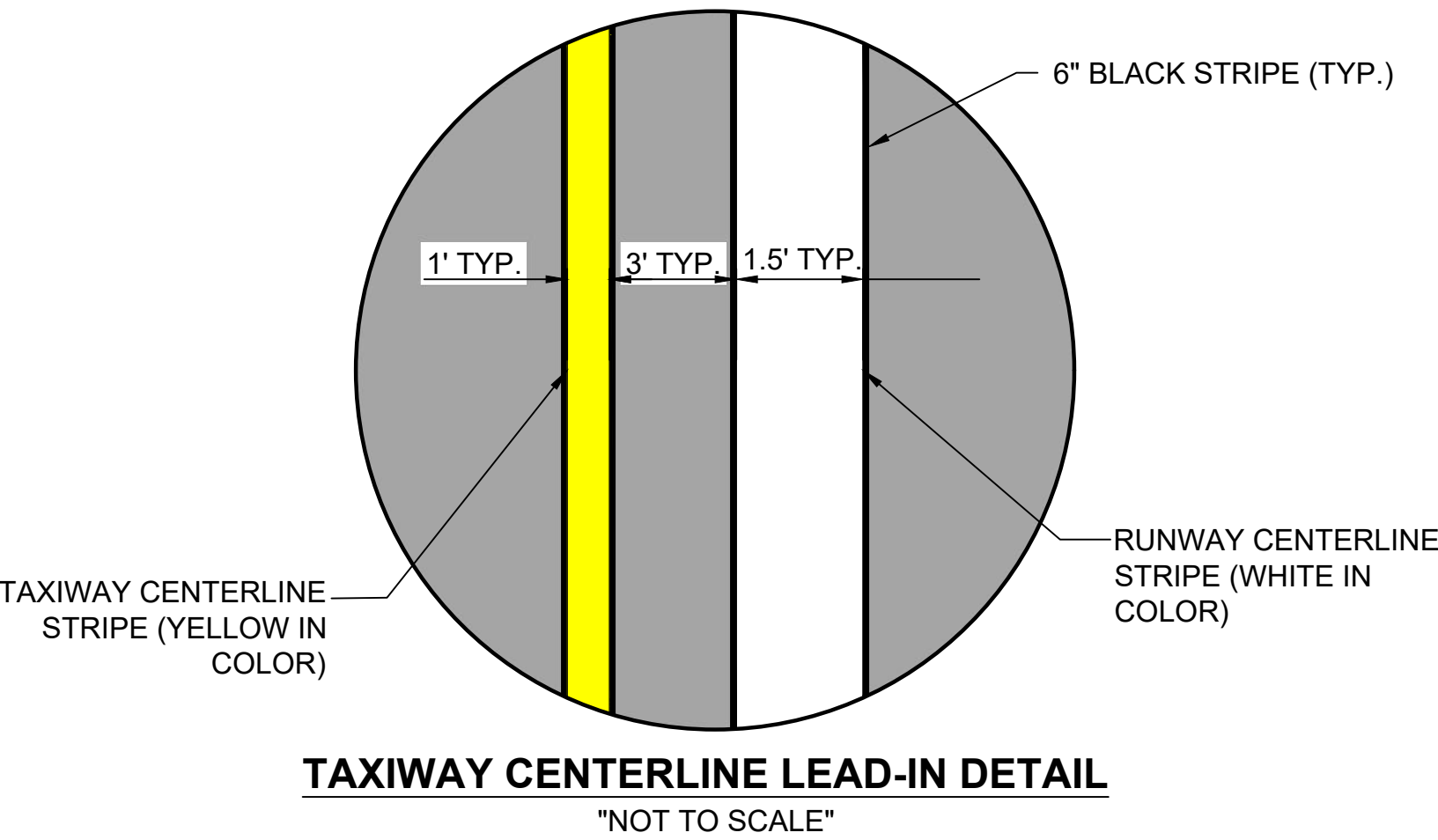
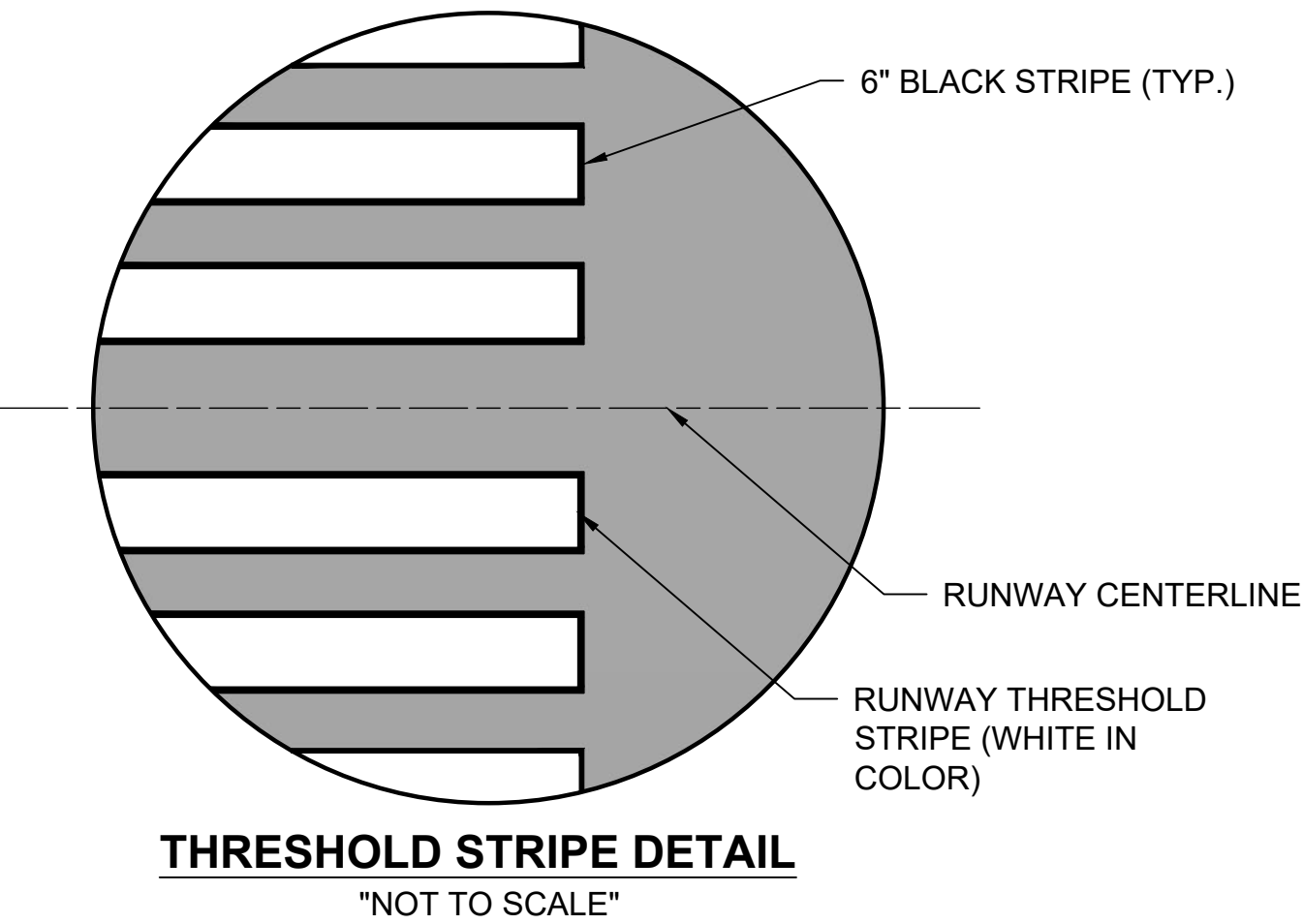
PROPOSED MARKING PLAN - SCHEDULES

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RUNWAY DESIGNATION MARKING NOTES:

1. DIMENSIONS PROVIDED ARE FOR WHITE MARKINGS.
2. NUMERALS ARE TO BE SOLID AND WHITE IN COLOR WITH A 6" BLACK BORDER.
3. ALL DIMENSIONS ARE EXPRESSED IN INCREMENTS OF FEET.
4. CUT-OFF SHEETS WILL BE REQUIRED TO INSURE STRAIGHT EDGES.



WATERBORNE PAVEMENT MARKING NOTES

1. ALL DIMENSIONS SHOWN ARE APPROXIMATE. THE SCOPE OF THIS WORK IS TO REMARK THE RUNWAY AND TAXIWAY MARKING THAT EXISTS.



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SHEET TITLE

PROPOSED MARKING PLAN - DETAILS