

JACKSON MUNICIPAL AIRPORT AUTHORITY
JACKSON MEDGAR WILEY EVERS INTERNATIONAL AIRPORT
JACKSON, MISSISSIPPI

TSA MAGAZINE PAD - JMAA

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AUGUST 2022

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Date 2022

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COVER SHEET

TSA MAGAZINE PAD - JMAA

JACKSON-MEDGAR WILEY EVERS INTERNATIONAL AIRPORT

JACKSON MUNICIPAL AIRPORT AUTHORITY

JACKSON, MISSISSIPPI

DATE	DESCRIPTION	BY

SCALE:

PROJECT NO.

J.M.A.A. PROJECT NO.:

014-22 TASK #05

SHEET NO.

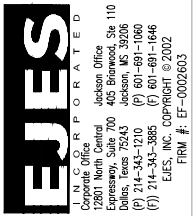
1

SUMMARY OF QUANTITIES				
NAICS CODE	ITEM NUMBER	DESCRIPTION	APPROX. QTY.	UNIT
237310	C-105	MOBILIZATION AND DEMOBILIZATION	1	LS
237310	P-152-4.1	UNCLASSIFIED EXCAVATION (ALL DEPTHS)	150	CY
237310	P-152-4.2	BORROW EXCAVATION	75	CY
237310	P-154-5.1	6" SUBBASE GRANULAR MATERIAL	82	CY
237310	P-501-8.1	6" REINFORCED CONCRETE PAVEMENT	75	CY
237990	D-701-5.1	24" REINFORCED CONCRETE PIPE	72	LF
238910	T-901-5.1	SEEDING	1	ACRE

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DATE: 8/29/2022



SUMMARY OF QUANTITIES

TSA MAGAZINE PAD - JMAA

JACKSON MEDGAR WILEY EVERS INTERNATIONAL AIRPORT

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JACKSON, MISSISSIPPI

DATE	DESCRIPTION	BY

SCALE:

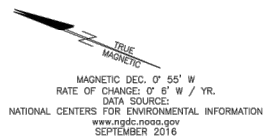
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TASK #05

SHEET NO.

2



NOTE 1: REFERENCE ALP, DATA SHEET OR CONFORMANCE WITH APPLICABLE FAA AC 150/5300-13A, CHANGE 1 SEPARATION AND SETBACK STANDARDS.

NOTE 2: PROPOSED TERMINAL LAYOUTS REPRESENT CONCEPTUAL PLANNING, AND MAY BE MODIFIED ACCORDING TO SPONSOR PREFERENCE. FINAL LAYOUT TO CONFORM WITH FAA AC 150/5300-13A, CHANGE 1 SEPARATION AND SETBACK STANDARDS, SUBJECT TO ENVIRONMENTAL APPROVAL, AND IN ACCORDANCE WITH LOCAL BUILDING AND FIRE CODES.

NOTE 3: SUBMIT FAA FORM 7460 FOR ALL PROPOSED TERMINAL AREA CONSTRUCTION.

NOTE 4: BUILDINGS INDICATED WITH AN ASTERISK (*) ARE TO BE REMOVED. ALL OTHER BUILDINGS ARE TO REMAIN.







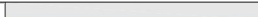

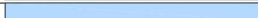


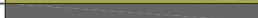

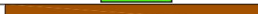
(E) - EXISTING CONDITIONS
(F) - FUTURE CONDITIONS (1-20 YEARS)
(U) - ULTIMATE CONDITIONS (+20 YEARS)

TERMINAL BUILDING TABLE - EXISTING STRUCTURES					
MAP #	STRUCTURE	TOP EL.EV. (FT. MSL)	MAP #	STRUCTURE	TOP EL.EV. (FT. MSL)
1	TERMINAL BUILDING (ATCT)	460.20	19	ABANDONED SEWAGE TREATMENT FACILITY	310.80
2	EAST CONCOURSE	362.20	20	HANGAR 1D	365.00
3	WEST CONCOURSE	355.00	21	ARFF FACILITY	336.10
4	ATLANTIC AVIATION (FBO)	354.60	22	HANGAR 3D	380.40
5	ATLANTIC AVIATION HANGARS	368.20	23	HANGAR 2D	384.80
5A	NON-STERILE BUILDING	346.20	24	CONSOLIDATED AIR CARGO BUILDING	358.80
6	WEATHER SERVICE BUILDING	324.10	25	MS AIR NATIONAL GUARD USPFO	312.10
7	WEATHER BALLOON INFLATION SHELTER	335.20	26	ELECTRICAL VAULT	392.20
8	WEATHER BALLOON LIGHT	335.20	27	UNIV. OF MS MEDICAL CENTER / MS DEPARTMENT OF HEALTH FACILITY	352.10
9	AIRFIELD MAINTENANCE BUILDING	345.10	28	FAA ADO FACILITY	351.80
10	ASR RADAR AND BUILDINGS	331.90	29	HANGAR 1A	329.20
11	WATER TREATMENT WELL NO. 2	329.53	30	PARKING GARAGE	394.80
12	FUEL FARM	320.10	31	WATER TOWER	465.60
13	STATE OF MISSISSIPPI	348.60	32	ABOVE GROUND GLYCOL TANK	320.10
14*	ENTERPRISE RENTAL CAR	349.90	33	MISSISSIPPI AIR NATIONAL GUARD FACILITY	399.60
15*	BUDGET RENT A CAR	345.50	34	MISSISSIPPI AIR CARGO LOGISTICS CENTER	340.10
16*	NATIONAL RENTAL CAR	350.30	35	HANGAR 2A	368.40
17*	AVIS RENTAL CAR	347.70	36	EMPLOYEE PARKING LOT	N/A
18*	HERTZ RENTAL CAR	349.90			

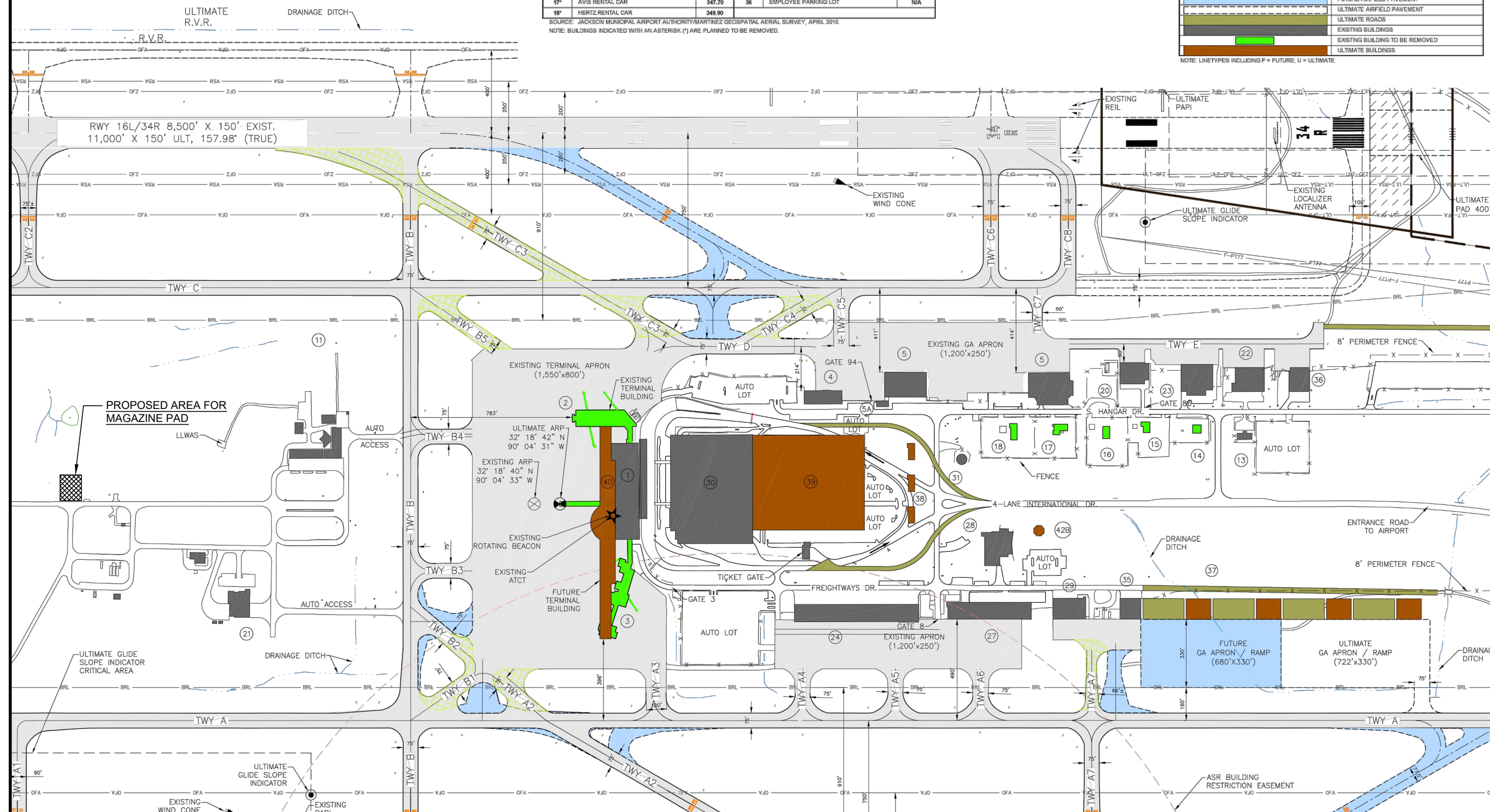
NOTE: BUILDINGS INDICATED WITH AN ASTERISK (*) ARE PLANNED TO BE REMOVED.

TERMINAL BUILDING TABLE - PLANNED FUTURE STRUCTURES		
Map #	STRUCTURE	TOP ELEV (MSL)
37	GENERAL AVIATION HANGARS	FUTURE
38	CONSOLIDATED RENTAL CAR FACILITY	FUTURE
39	PARKING GARAGE EXPANSION	FUTURE
40	NEW TERMINAL BUILDINGS	FUTURE
41	ULTIMATE AIR CARGO COMPLEX	FUTURE
42A	ULTIMATE AIR TRAFFIC CONTROL TOWER/FUTURE ROTATING BEACON (OPTION 1)	FUTURE
42B	ULTIMATE AIR TRAFFIC CONTROL TOWER/FUTURE ROTATING BEACON (OPTION 2)	FUTURE

NOTE:
1. BUILDING LAYOUTS ARE CONCEPTUAL AND MAY BE MODIFIED ACCORDING TO SPONSOR PREFERENCE.
2. ULTIMATE ATCT REQUIRES LINE OF SIGHT STUDY TO DETERMINE ACTUAL LOCATION.

AIRPORT LEGEND	
ITEM	DESCRIPTION
— BRL —	BUILDING RESTRICTION LINE
— OFA —	OBJECT FREE AREA
— RSA —	RUNWAY SAFETY AREA
— OFZ —	OBSTACLE FREE ZONE
— — — — —	EXISTING RUNWAY PROTECTION ZONE
— — — — —	ULTIMATE RUNWAY PROTECTION ZONE
— P177 —	PART 77 SURFACE
	EXISTING PRECISION OBSTACLE FREE ZONE
	ULTIMATE PRECISION OBSTACLE FREE ZONE
— — — — —	PROPERTY LINE
— — — — —	DRAINAGE CONVEYANCE
	TREE LINE
— — — — —	RUNWAY HOLD LINE
	EXISTING AIR TRAFFIC CONTROL POINT
	EXISTING AIRPORT REFERENCE POINT
	ULTIMATE AIRPORT REFERENCE POINT
	EXISTING AIRFIELD PAVEMENT
	EXISTING TAXWAY TO BE REMOVED
	FUTURE AIRFIELD PAVEMENT
	ULTIMATE AIRFIELD PAVEMENT
	ULTIMATE ROADS
	EXISTING BUILDINGS
	EXISTING BUILDING TO BE REMOVED
	ULTIMATE BUILDINGS

NOTE: LINETYPES INCLUDING F = FUTURE; U = ULTIMATE



DATE: 8/28/2022

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EXISTING AIRPORT LAYOUT PLAN
TSA MAGAZINE PAD - JMAA

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JACKSON MUNICIPAL AIRPORT AUTHORITY
JACKSON, MISSISSIPPI

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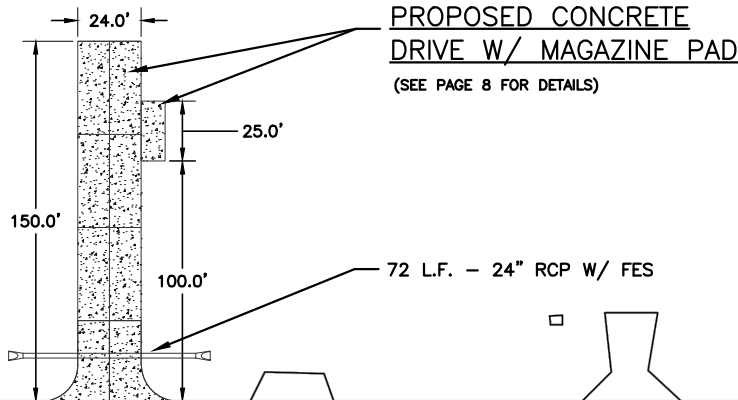
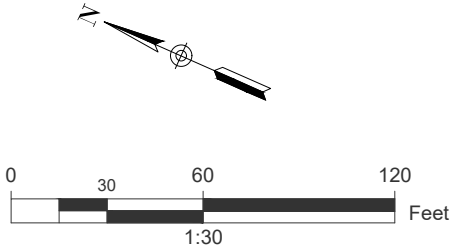
SCALE:

PROJECT NO.
J.M.A.A. PROJECT NO.: 014-22
TASK #5

SHEET NO.

GENERAL NOTES

1. ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH JMAA AND FAA REGULATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING STRUCTURES SUCH AS, BUT NOT LIMITED TO, PIPES, INLETS, APRONS, AND BRIDGES FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. THE CONTRACTOR SHALL REPLACE OR REPAIR, AS DIRECTED BY THE ENGINEER, ANY STRUCTURES DAMAGED DURING THE LIFE OF THE CONTRACT. NO PAYMENT WILL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.
3. VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SILT DOES NOT LEAVE THE RIGHT OF WAY OR CONTAMINATE NEARBY WATERS DURING CONSTRUCTION.
5. THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE DEPTH, LOCATION AND EXISTENCE OF ALL UTILITIES WHICH MAY CONFLICT WITH PROPOSED CONSTRUCTION PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT ALL PERTINENT UTILITY COMPANIES 48 HOURS (MINIMUM) PRIOR TO EXCAVATION IN AREA. CALL 811 48 HOURS (MINIMUM) BEFORE BEGINNING WORK.



PROPOSED CONCRETE
DRIVE W/ MAGAZINE PAD
(SEE PAGE 8 FOR DETAILS)

ABANDONED SEWAGE
TREATMENT FACILITY

FUEL FARM

WEATHER SERVICE DRIVE

ELECTRICAL VAULT

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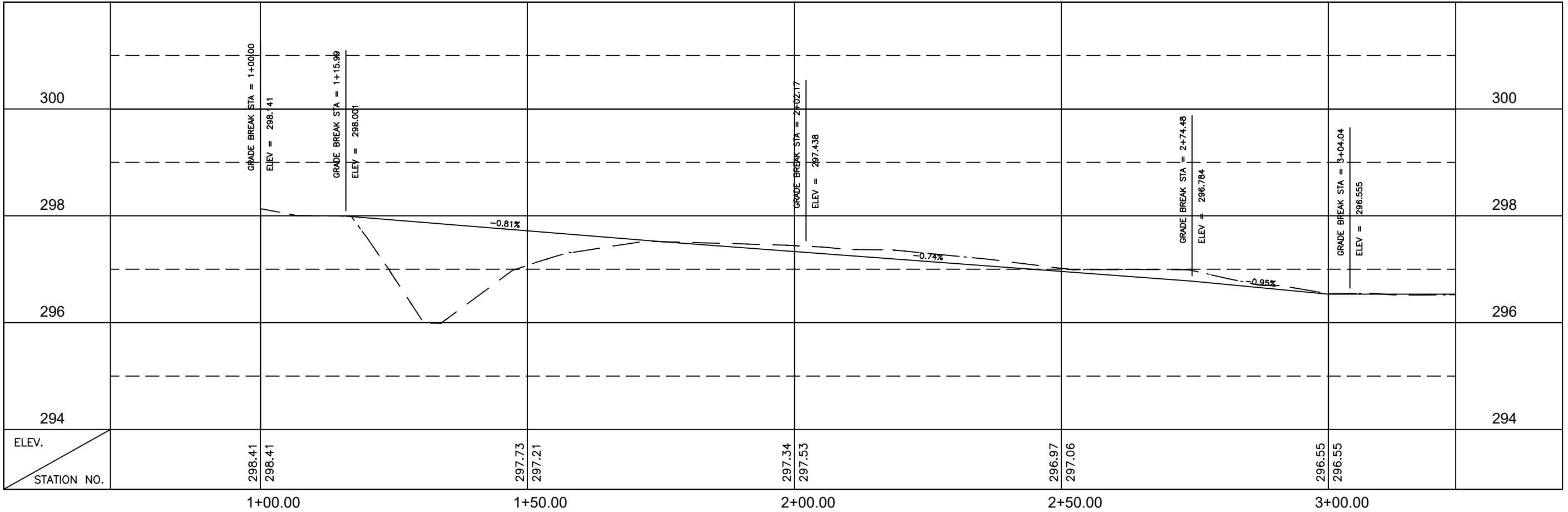
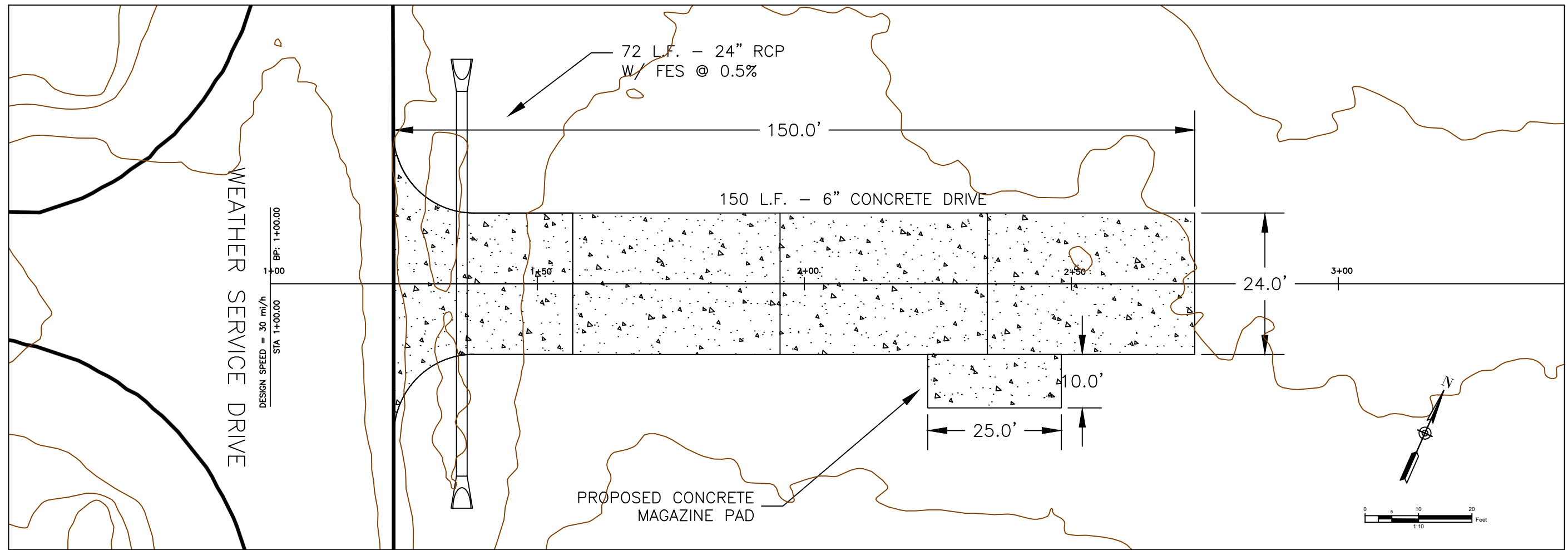
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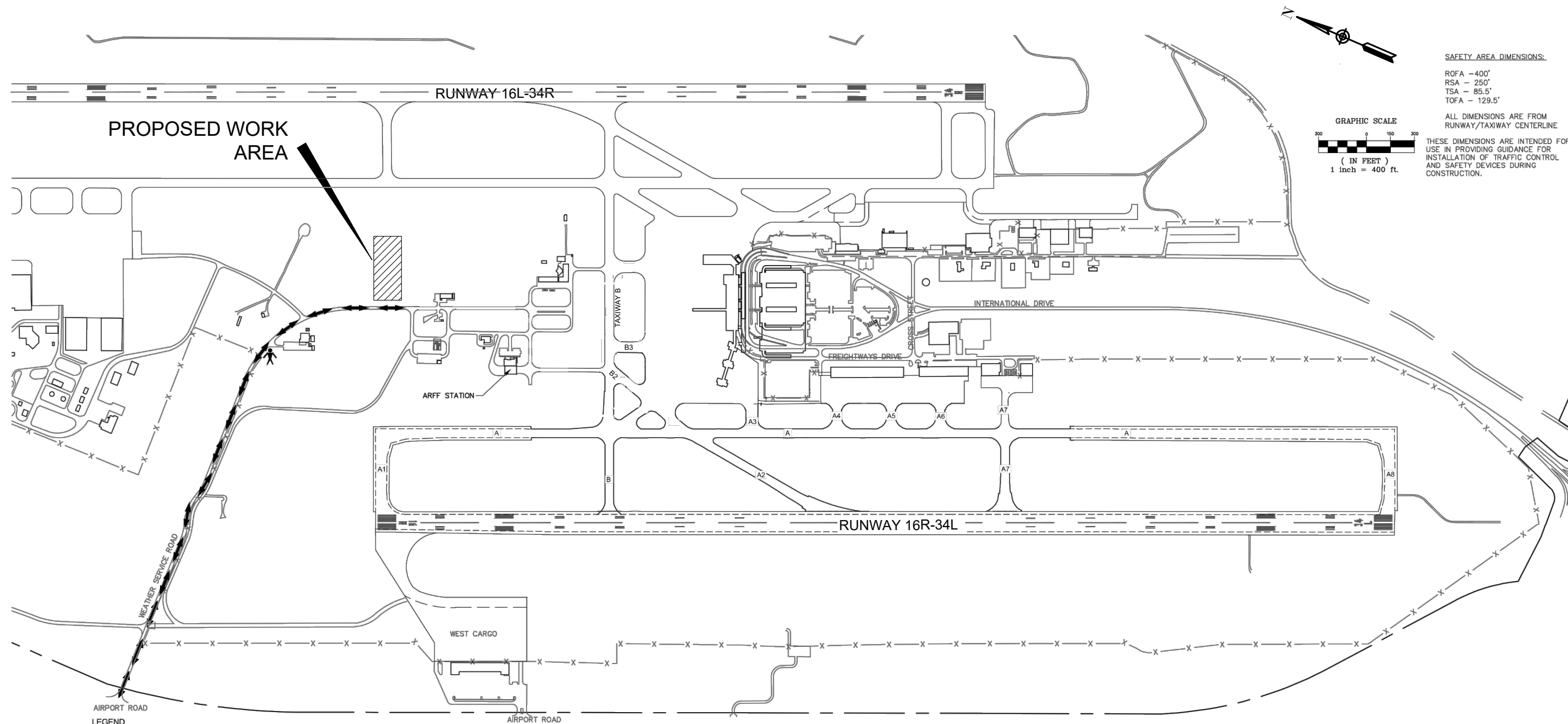
PROPOSED AIRPORT LAYOUT PLAN
TSA MAGAZINE PAD - JMAA
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JACKSON MUNICIPAL AIRPORT AUTHORITY
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TASK #5

SHEET NO.
4





- LEGEND**
- A1 TAXIWAY DESIGNATION
 - ⊗ PORTABLE LIGHTED RUNWAY CLOSURE MARKER (PLRCM)
 - ✕ TAXIWAY CLOSURE MARKER
 - ↔ ACCESS/HAUL ROUTE
 - ⤴ GATE MONITOR
 - ⤵ FLAGGER
 - LOW-PROFILE BARRICADE
 - ▨ STAGING/ STOCKPILE AREA

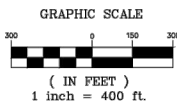
SAFETY PLAN NOTES:

1. WORK IN THIS PHASE WILL CONSIST OF THE REQUIRED WORK GENERALLY ALONG WEATHER SERVICE DRIVE. WORK ITEMS INCLUDE THE INSTALL OF FULL DEPTH CONCRETE PAVEMENT AND DRAINAGE STRUCTURES.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND RELOCATING THE SAFETY DEVICES THROUGHOUT THE PROJECT. NO DIRECT PAY.
3. THE CONTRACTOR SHALL MAINTAIN ACCESS THROUGHOUT THE PROJECT SITE SUITABLE FOR AIRCRAFT, EMERGENCY VEHICLES, AND AIRPORT OPERATIONS AS SHOWN ON THE SAFETY PLANS. THE CONTRACTOR SHALL NOT BLOCK SAFETY ACCESS TO OPEN TAXIWAYS AND APRON AREAS.
4. THE CONTRACTOR SHALL ENSURE WORK AREAS AND OPEN TAXIWAYS ARE KEPT CLEAR OF ALL FOD. THE CONTRACTOR SHALL MAINTAIN SUFFICIENT EQUIPMENT ONSITE TO KEEP WORK AREA CLEAN.
5. NO CONSTRUCTION ACTIVITY MAY OCCUR IN THE TAXIWAY SAFETY AREA (TSA) OF AN OPEN TAXIWAY. OPEN TRENCHES OR EXCAVATIONS WITHIN THE TSA WILL BE PERMITTED AS FOLLOWS:
 - A. CURVED SECTIONS OF TAXIWAY – OPEN TRENCHES OR EXCAVATIONS WILL NOT BE PERMITTED WITHIN THE TSA WHILE THE TAXIWAY IS OPEN. TRENCHES AND/OR EXCAVATIONS SHALL BE BACKFILLED OR COVERED BEFORE THE TAXIWAY IS OPENED. COVERING TRENCHES AND/OR EXCAVATIONS SHALL BE SUITABLE TO SUPPORT DESIGN AIRCRAFT.
 - B. STRAIGHT SECTIONS OF TAXIWAY – OPEN TRENCHES AND OR EXCAVATIONS WILL BE PERMITTED WITHIN THE TSA PROVIDED THE AREA MEETS THE MARKING, LIGHTING, AND BARRICADE REQUIREMENTS.

SAFETY AREA DIMENSIONS:

ROFA – 400'
RSA – 250'
TSA – 85.5'
TOFA – 129.5'

ALL DIMENSIONS ARE FROM RUNWAY/TAXIWAY CENTERLINE
THESE DIMENSIONS ARE INTENDED FOR USE IN PROVIDING GUIDANCE FOR INSTALLATION OF TRAFFIC CONTROL AND SAFETY DEVICES DURING CONSTRUCTION.



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EJES, INC. COMPANY #002
FORM E-0020203

PROJECT SAFETY PLAN
TSA MAGAZINE PAD - JMAA

JACKSON-MEDGAR WILEY EVERS INTERNATIONAL AIRPORT
JACKSON MUNICIPAL AIRPORT AUTHORITY
JACKSON, MISSISSIPPI

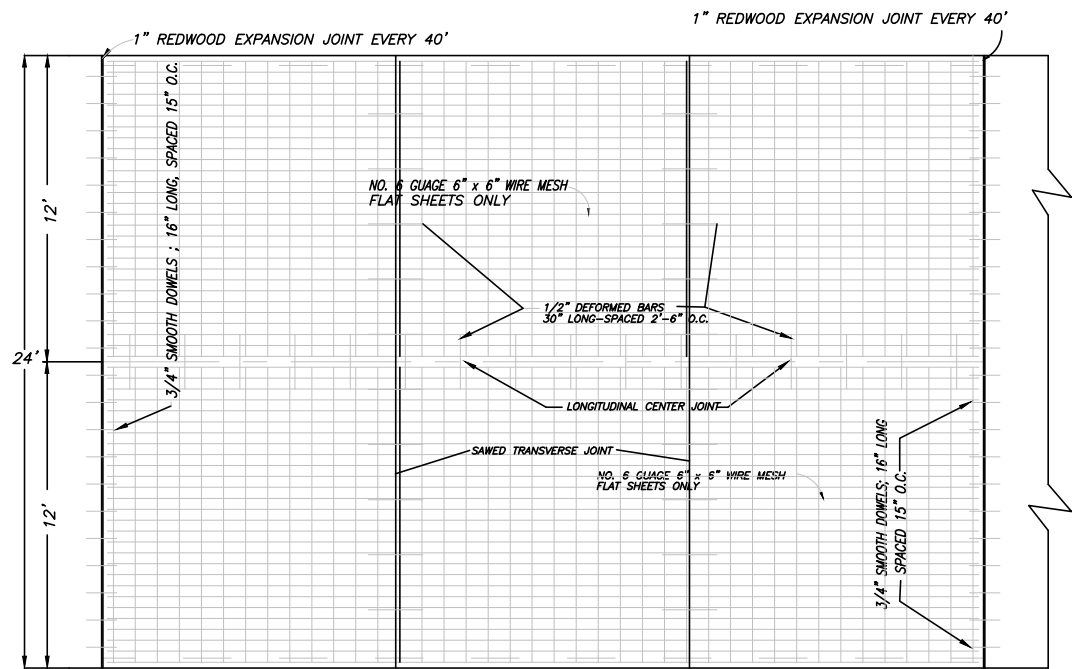
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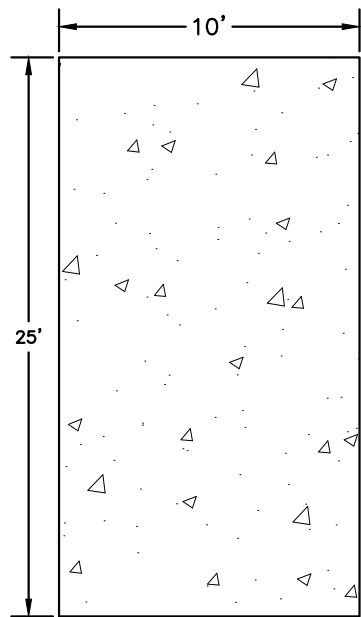
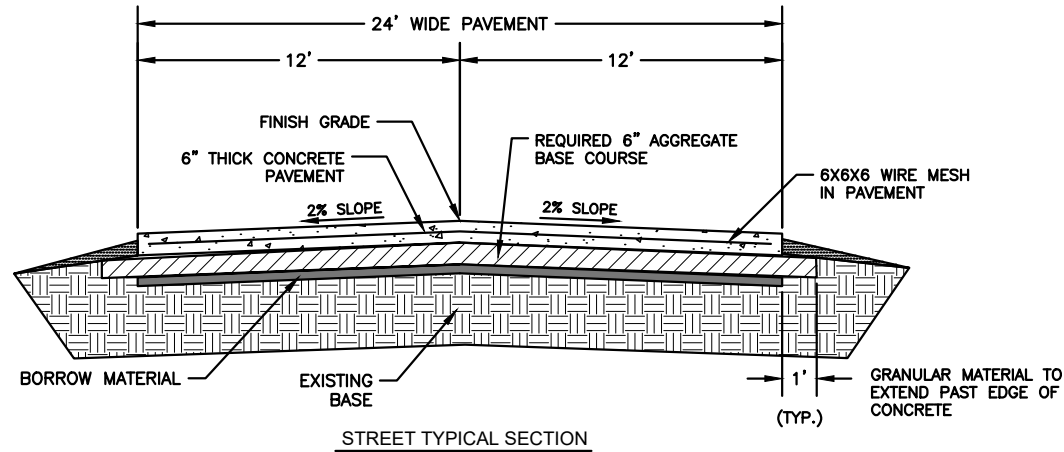
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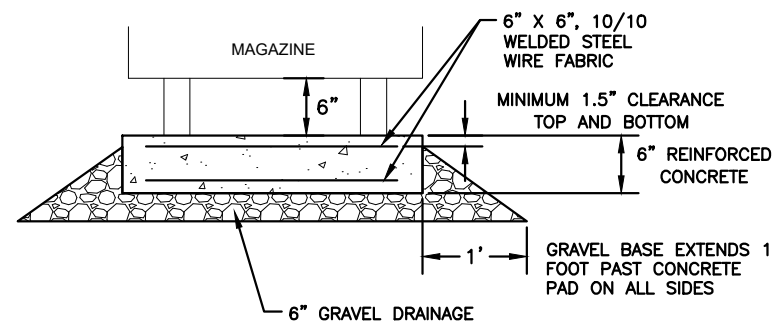


REINFORCEMENT REQUIREMENT

CONCRETE PAVEMENT DETAIL



MAGAZINE PAD PLAN



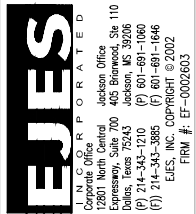
MAGAZINE PAD SECTION

NOTES

1. 6" @ 3500 PSI AIR ENTRAINED CONCRETE SLAB; BROOM FINISH WITH 6" X 6" 10/10 WELDED STEEL WIRE FABRIC TOP AND BOTTOM ON 4" CRUSHED STONE OR GRAVE BASE (FREE DRAINING MATERIAL)

CONCRETE REINFORCEMENT TO CONFORM TO ACI RECOMMENDATIONS AND REQUIREMENTS OF LOCAL BUILDING CODES.

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TYPICAL SECTIONS
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