

FINAL EA
TAXIWAY A RELOCATION
BIRMINGHAM-SHUTTLESWORTH
INTERNATIONAL AIRPORT

Mead
& Hunt

APPENDIX F
**TAXIWAY A AND
VILLAGE CREEK
RELOCATION
DESIGN PLANS**

bhmm

BIRMINGHAM-SHUTTLESWORTH INTERNATIONAL AIRPORT

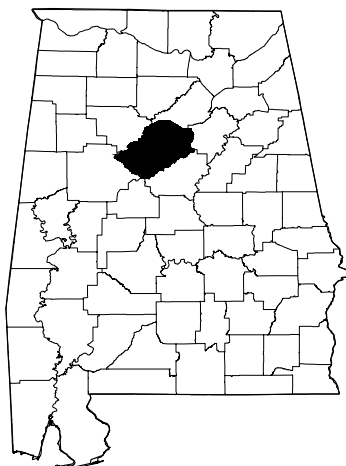
TAXIWAY A - 400' SEPARATION AND VILLAGE CREEK RELOCATION

5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212

3226200-211437.01

SEPTEMBER 15, 2025

PRELIMINARY DESIGN SUBMITTAL



JEFFERSON COUNTY

VICINITY MAP



BIRMINGHAM-SHUTTLESWORTH
INTERNATIONAL AIRPORT

LOCATION MAP



BIRMINGHAM-SHUTTLESWORTH
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SHEET CONTENTS
COVER SHEET

SHEET NO.

G-001

LEGEND:

	BENCHMARK
	CONTROL POINT
	CLEANOUT, SANITARY OR STORM
	ELECTRICAL METER
	ELECTRICAL / COMMUNICATIONS PEDESTAL
	ELECTRICAL TRANSFORMER BOX
	ELECTRICAL SERVICE PANEL
	ELECTRICAL HANDHOLE/PULLBOX
	FIRE HYDRANT
	FLAGPOLE
	GAS METER
	GAS VALVE
	GATE
	GUY WIRE
	HANDHOLE, GENERIC
	INLET, ROUND
	INLET, SQUARE
	IRON PIN
	LIGHT POLE (DOUBLE)
	LIGHT POLE (SINGLE)
	MAILBOX
	MANHOLE, ELECTRIC
	MANHOLE, SANITARY SEWER
	MANHOLE, STORM SEWER
	MANHOLE, TELECOMMUNICATIONS
	PK or MAG NAIL
	POWER POLE
	POWER POLE, DOUBLE
	POWER POLE WITH LIGHT
	SANITARY VALVE
	SIGN (SINGLE POST)
	SIGN (DOUBLE POST)
	SHRUB
	STORM FLARED END SECTION
	CTV PEDESTAL BOX
	WATER VALVE
	WATER SHUT OFF
	WATER METER
	WATER SURFACE
	WELL
	GAS
	ELECTRIC, OVERHEAD
	ELECTRIC, UNDERGROUND
	EXISTING CONTOUR LINES
	FENCE
	FIBER OPTIC CABLE
	HANDRAIL
	PROPERTY LINE
	SANITARY SEWER
	STORM PIPE
	SWALE
	TELEPHONE
	TV CABLE
	WATER
	VEGETATION
	ASPHALT PAVEMENT
	CONCRETE PAVEMENT
	GUARDRAIL
	STREET SIGN
	EXISTING LIGHT POLE
	TAXIWAY EDGE LIGHT
	AIRFIELD GUIDANCE SIGN

	PROPOSED ELEVATION
	EXISTING ELEVATION
	FAA CABLE AND CONDUIT

ABBREVIATIONS:

ALCMS	AIRFIELD LIGHTING CONTROL AND MONITORING SYSTEM
AMSL	ABOVE MEAN SEA LEVEL
AOA	AIRCRAFT OPERATIONS AREA
APPROX	APPROXIMATE
ARFF	AIRCRAFT RESCUE AND FIRE FIGHTING
ATCT	AIR TRAFFIC CONTROL TOWER
BLDG	BUILDING
C-C	CENTER TO CENTER
CL	CENTERLINE
CONC	CONCRETE
CKT	CIRCUIT
CSPP	CONSTRUCTION SAFETY PHASING PLAN
DIA	DIAMETER
ELEV	ELEVATION
EOP	EDGE OF PAVEMENT
FAA	FEDERAL AVIATION ADMINISTRATION
FBO	FIXED BASE OPERATOR
FG	FINISHED GRADE
FOD	FOREIGN OBJECT DEBRIS
FT	FEET
GAL	GALLON
GND	GROUND
HDPE	HIGH DENSITY POLYETHYLENE
HMA	HOT MIX ASPHALT
IE	INVERT ELEVATION
ILS	INSTRUMENT LANDING SYSTEM
IN	INCHES
LF	LINEAL FEET
LOC	LOCALIZER
MIN	MINIMUM
MITL	MEDIUM INTENSITY TAXIWAY LIGHT
MPH	MILES PER HOUR
NIC	NOT IN CONTRACT
NOTAM	NOTICE TO AIRMAN
NTS	NOT TO SCALE
OFZ	OBJECT FREE ZONE
PAPI	PRECISION APPROACH PATH INDICATOR
PCC	PORTLAND CEMENT CONCRETE
PVC	POLYVINYL CHLORIDE
QTY	QUANTITY
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
ROFA	RUNWAY OBJECT FREE AREA
ROW	RIGHT OF WAY
RSA	RUNWAY SAFETY AREA
RWY OR RW	RUNWAY
SIDA	SECURITY IDENTIFICATION DISPLAY AREA
SF	SQUARE FOOT
SPCD	SAFETY PLAN COMPLIANCE DOCUMENT
STA	STATION
TWY	TAXIWAY
TOFA	TAXIWAY OBJECT FREE AREA
TSA	TAXIWAY SAFETY AREA
TYP	TYPICAL
OFA	OBJECT FREE AREA

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Mead & Hunt

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BIRMINGHAM-SHUTTLESWORTH
INTERNATIONAL AIRPORT

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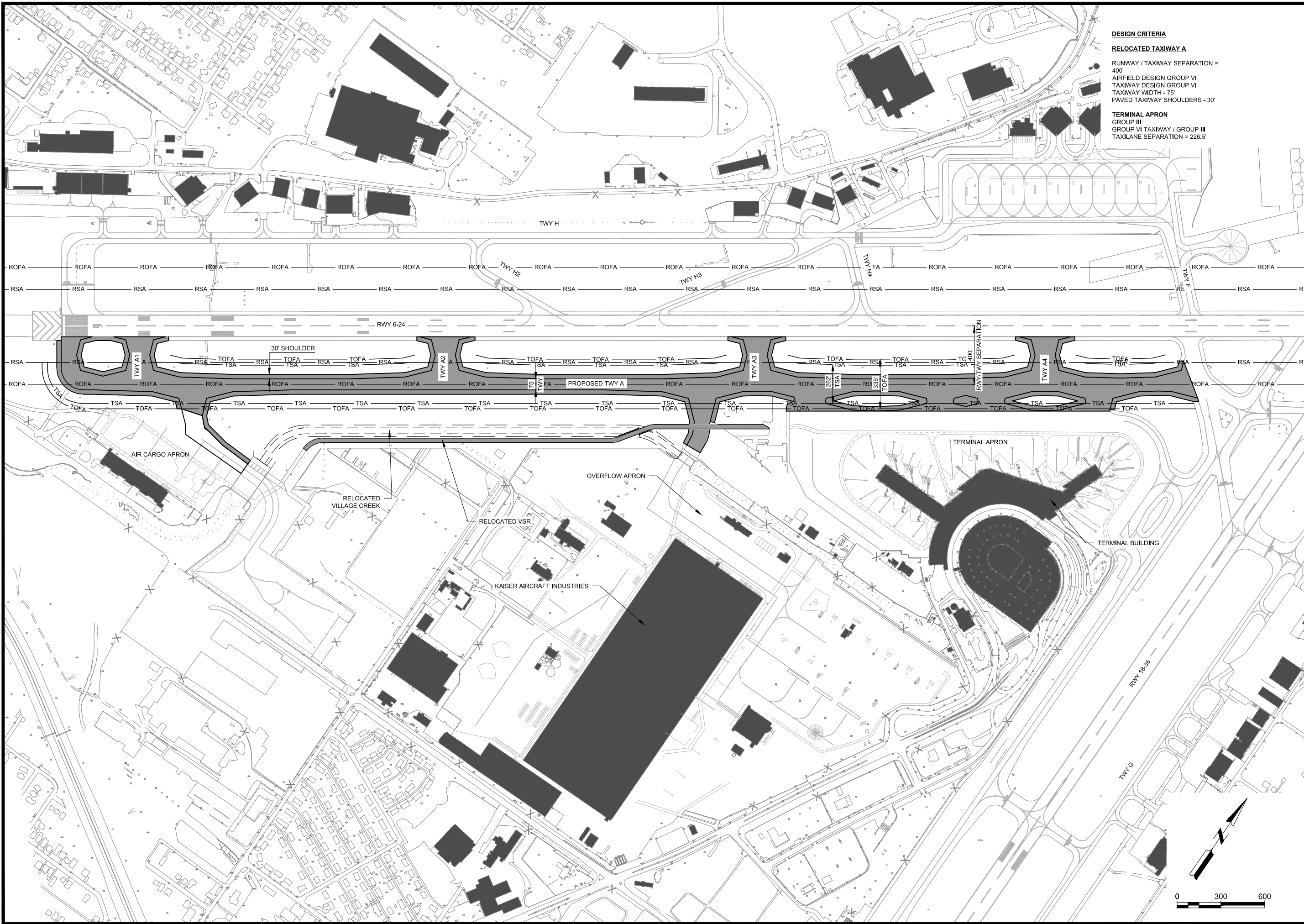
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SHEET CONTENTS
LEGEND AND INDEX OF
DRAWINGS

SHEET NO.

G-002



DESIGN CRITERIA

RELOCATED TAXIWAY A

RUNWAY / TAXIWAY SEPARATION = 400'
AIRFIELD DESIGN GROUP VI
TAXIWAY DESIGN GROUP VI
TAXIWAY WIDTH - 75'
PAVED TAXIWAY SHOULDERS - 30'

TERMINAL APRON

GROUP III
GROUP VI TAXIWAY / GROUP III
TAXILANE SEPARATION = 226.5'

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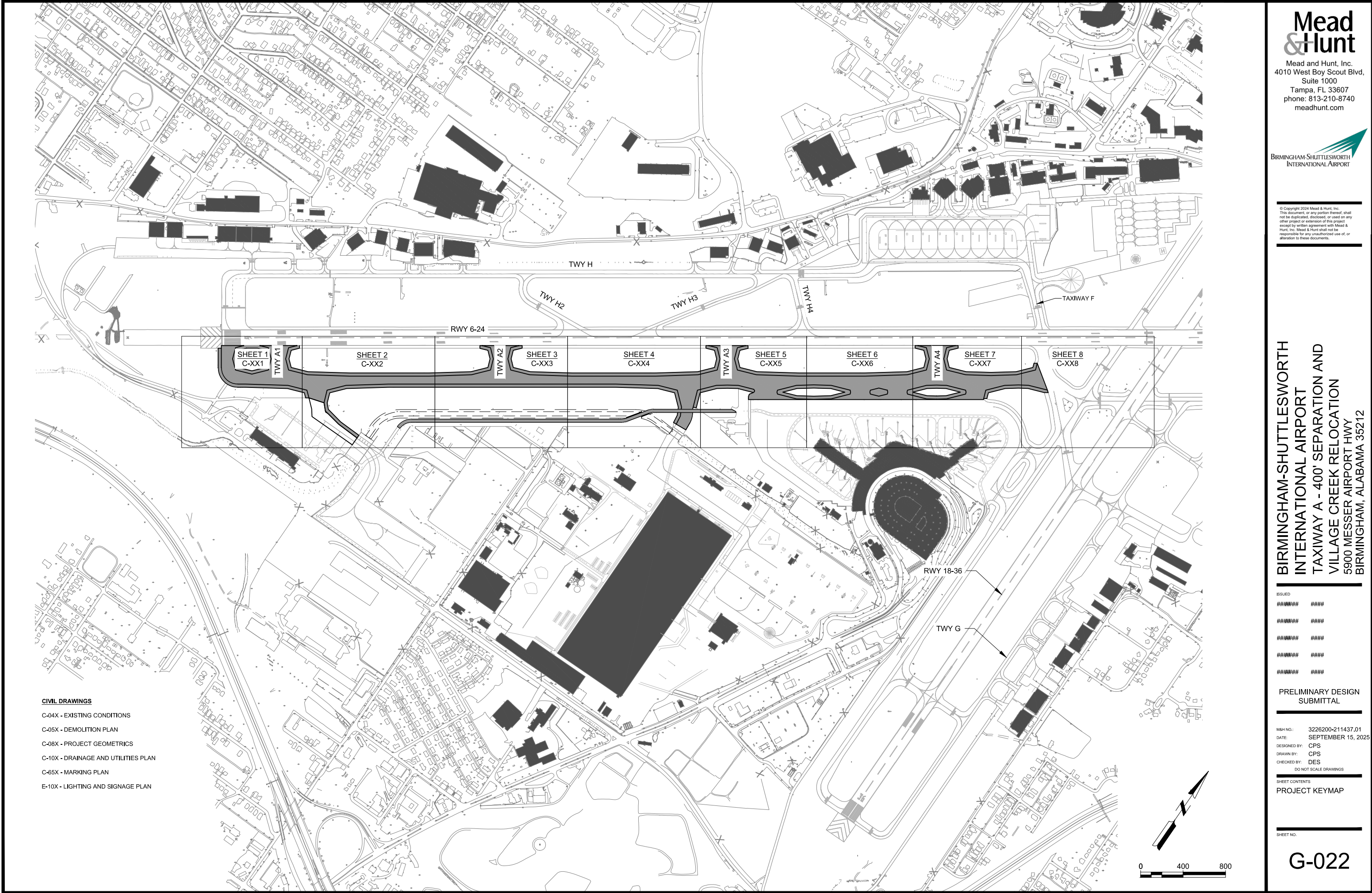
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**SHEET CONTENTS
PROJECT LAYOUT PLAN**

SHEET NO.

G-021



- CIVIL DRAWINGS**
- C-04X - EXISTING CONDITIONS
 - C-05X - DEMOLITION PLAN
 - C-08X - PROJECT GEOMETRICS
 - C-10X - DRAINAGE AND UTILITIES PLAN
 - C-65X - MARKING PLAN
 - E-10X - LIGHTING AND SIGNAGE PLAN

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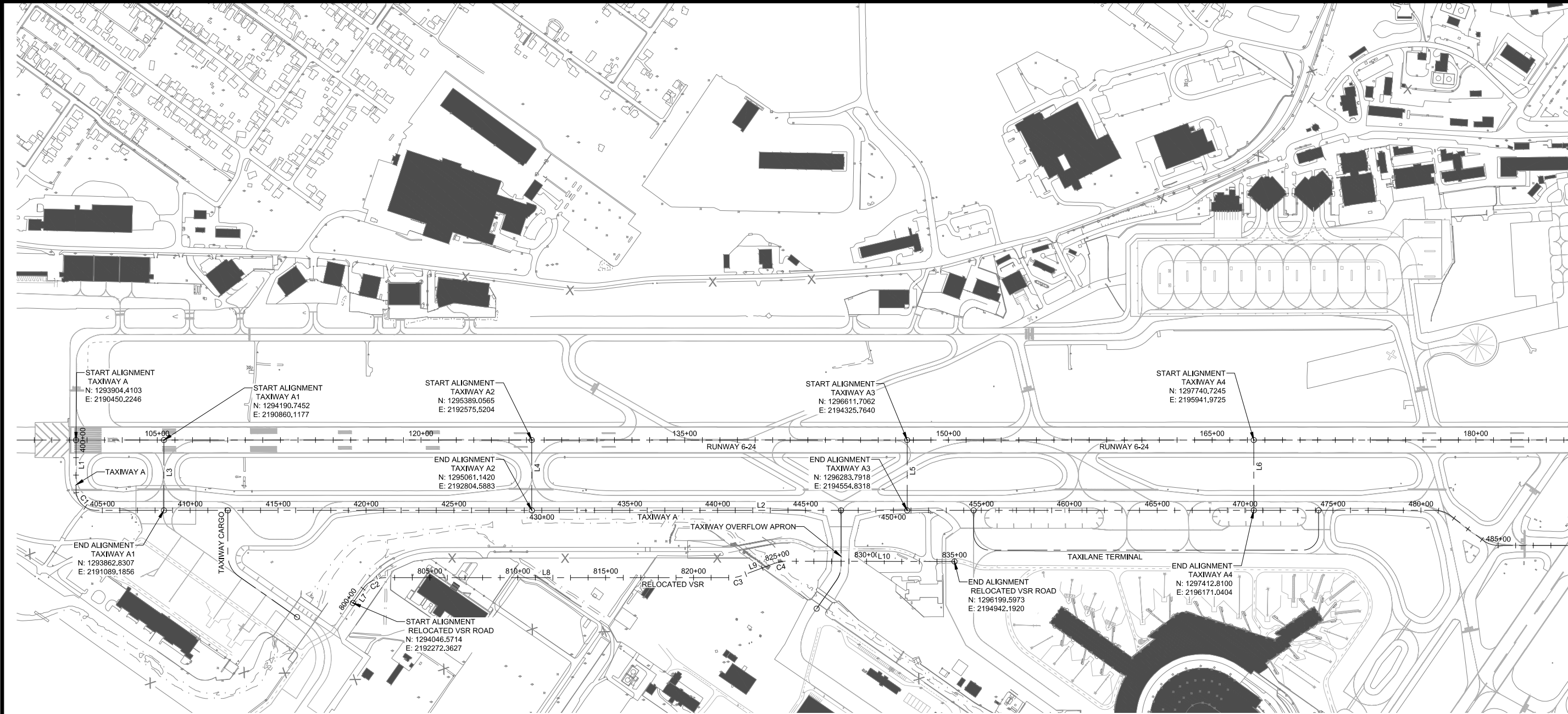
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SHEET CONTENTS
PROJECT KEYMAP

SHEET NO.

G-022



PROPOSED ALIGNMENT LINE DATA				
LINE #	LENGTH	START STATION	END STATION	BEARING
L1	285.00	400+00.00	402+85.00	S34° 56' 11.76"E
L2	7613.39	404+65.64	480+79.03	N65° 03' 48.24"E
L3	400.00	510+00.00	514+00.00	S34° 56' 11.76"E
L4	400.00	520+00.00	524+00.00	S34° 56' 11.76"E
L5	400.00	530+00.00	534+00.00	S34° 56' 11.76"E
L6	400.00	540+00.00	544+00.00	S34° 56' 11.76"E
L7	98.15	800+00.00	800+98.15	S0° 12' 15.05"W
L8	1974.32	802+41.77	822+16.09	N55° 03' 44.00"E
L9	212.58	822+69.73	824+82.31	N34° 34' 23.02"E
L10	963.85	825+36.15	835+00.00	N55° 08' 18.84"E

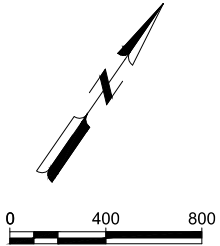
PROPOSED ALIGNMENT CURVE DATA							
#	△	LENGTH	CENTER POINT NORTHING	CENTER POINT EASTING	PC NORTHING	PC EASTING	PT NORTHING
C1	90° 00' 00"	180.64'	1293736.628	2190707.711	1293670.771	2190613.435	1293642.353
C2	54° 51' 29"	143.62'	1294144.185	2192422.712	1294144.719	2192272.712	1294267.151
C3	20° 29' 21"	53.64'	1295520.784	2193869.404	1295397.818	2193955.307	1295435.666
C4	20° 33' 56"	53.84'	1295525.584	2194237.053	1295610.702	2194113.543	1295648.664

REFERENCED BENCHMARKS					
DESCRIPTION	PUBLISHED NORTHING (I-FT)	PUBLISHED EASTING (I-FT)	SURVEYED NORTHING (U.S.-FT)	SURVEYED EASTING (U.S.-FT)	ELEVATION
BHM C	1294453.590	2198751.060	1294451.001	2198746.659	671.07
BHM B	1300109.201	2201275.762	1300106.587	2201271.280	676.16

REFERENCED BENCHMARKS (CONT'D)					
DESCRIPTION	RTK GPS NORTHING (U.S.-FT)	RTK GPS EASTING (U.S.-FT)	STATIC OBSERVATION NORTHING (U.S.-FT)	STATIC OBSERVATION EASTING (U.S.-FT)	ELEVATION
BHM C	1294451.010	2198746.591	1294453.560	2198751.066	671.07
BHM B	1300106.587	2201271.280	1300109.134	2201275.791	676.16

SURVEY NOTE:

BASE MAPPING OF B'HAM INTERNATIONAL AIRPORT IS BASED UPON U.S. SURVEY PUBLISHED COORDINATE VALUES FROM OPUS FOR THE BHM B & BHM C CONTROL AREA ON INTERNATIONAL FEET



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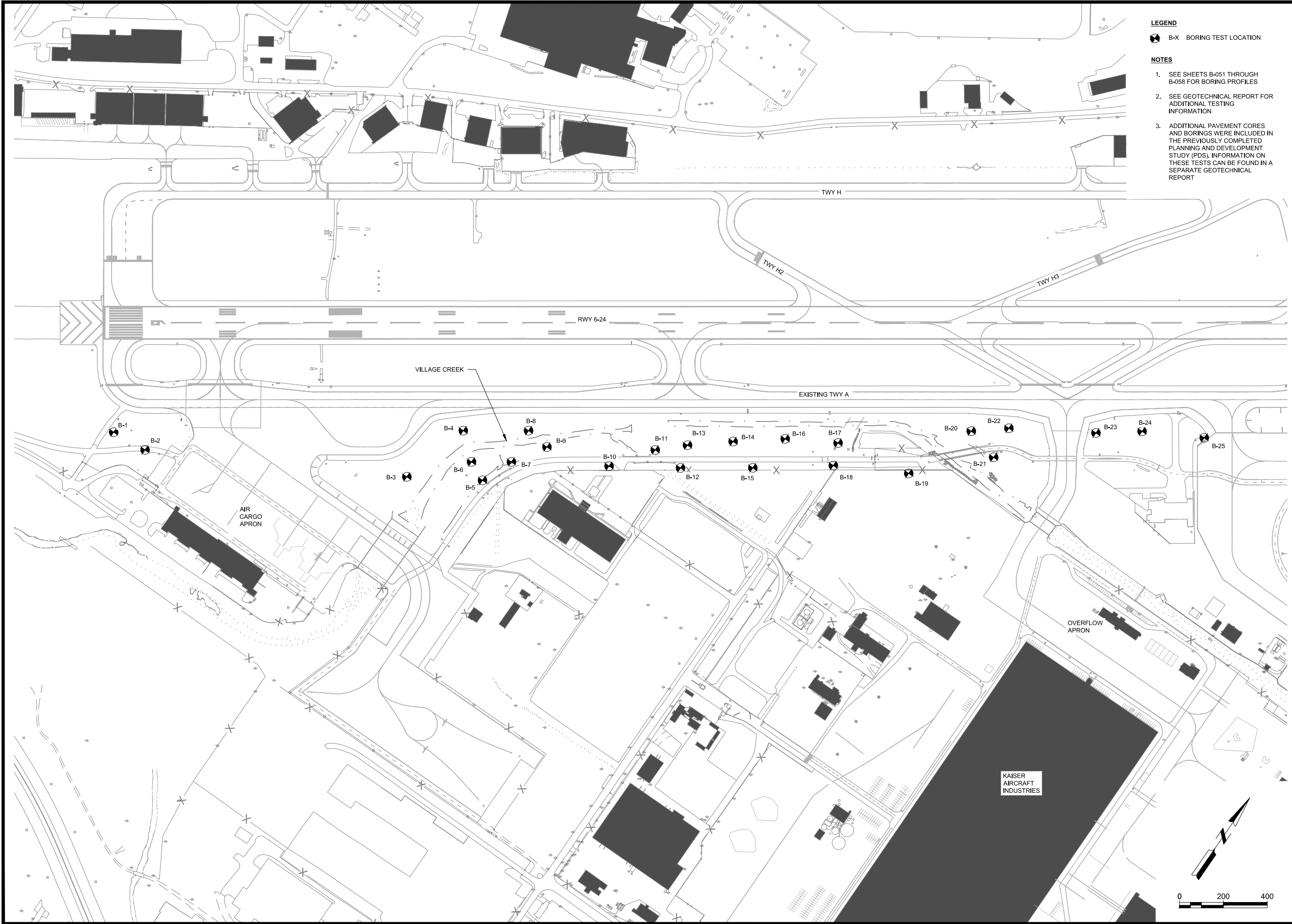
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SHEET CONTENTS
SURVEY CONTROL PLAN

SHEET NO.
G-023



- LEGEND**
- B-X BORING TEST LOCATION
- NOTES**
- SEE SHEETS B-051 THROUGH B-058 FOR BORING PROFILES
 - SEE GEOTECHNICAL REPORT FOR ADDITIONAL TESTING INFORMATION
 - ADDITIONAL PAVEMENT CORES AND BORINGS WERE INCLUDED IN THE PREVIOUSLY COMPLETED PLANNING AND DEVELOPMENT STUDY (PDS). INFORMATION ON THESE TESTS CAN BE FOUND IN A SEPARATE GEOTECHNICAL REPORT

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SHEET CONTENTS

SOIL BORING LOCATION PLAN

SHEET NO.

B-051

ELEVATION (ft)	DEPTH (ft)	GRAPHIC LOG	UNIFIED CLASSIFICATION	MATERIAL DESCRIPTION	SAMPLE TYPE	NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N-VALUE)	SPT N Value	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTICITY INDEX	FINES CONTENT (%)	WATER LEVEL (ft)	REMARKS
				TOPSOIL: Approximately 6"		0.5									
				FILL: Soft Brown Red CLAY		1		3-2-2 (4)		21.90	49	29	67.4		Locations and elevations were estimated in the field using GPS mapping software and should be considered approximate.
				FILL: Stiff Brown Red CLAY		2		3-3-6 (9)		15.50					
				RESIDUUM: Very Stiff Dark Brown Red CLAY		3		7-10-11 (21)							No groundwater was encountered at the time of drilling.
				RESIDUUM: Medium Stiff Dark Brown Red CLAY		4		2-3-5 (8)							
				Boring terminated 10 feet below BSG											

BOREHOLE 1

ELEVATION (ft)	DEPTH (ft)	GRAPHIC LOG	UNIFIED CLASSIFICATION	MATERIAL DESCRIPTION	SAMPLE TYPE	NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N-VALUE)	SPT N Value	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTICITY INDEX	FINES CONTENT (%)	WATER LEVEL (ft)	REMARKS
				TOPSOIL: Approximately 6"		0.5									
				FILL: Stiff Brown Red CLAY		1		3-5-6 (11)		14.40					Locations and elevations were estimated in the field using GPS mapping software and should be considered approximate.
				FILL: Medium Stiff Dark Brown Red CLAY		2		6-4-3 (7)		18.70					
				RESIDUUM: Medium Stiff Brown Red Cherty CLAY		3		2-3-50/4' (100+)							No groundwater was encountered at the time of drilling.
				RESIDUUM: Soft Brown Red Cherty CLAY		4		2-2-1 (3)							
				Boring terminated 10 feet below BSG											

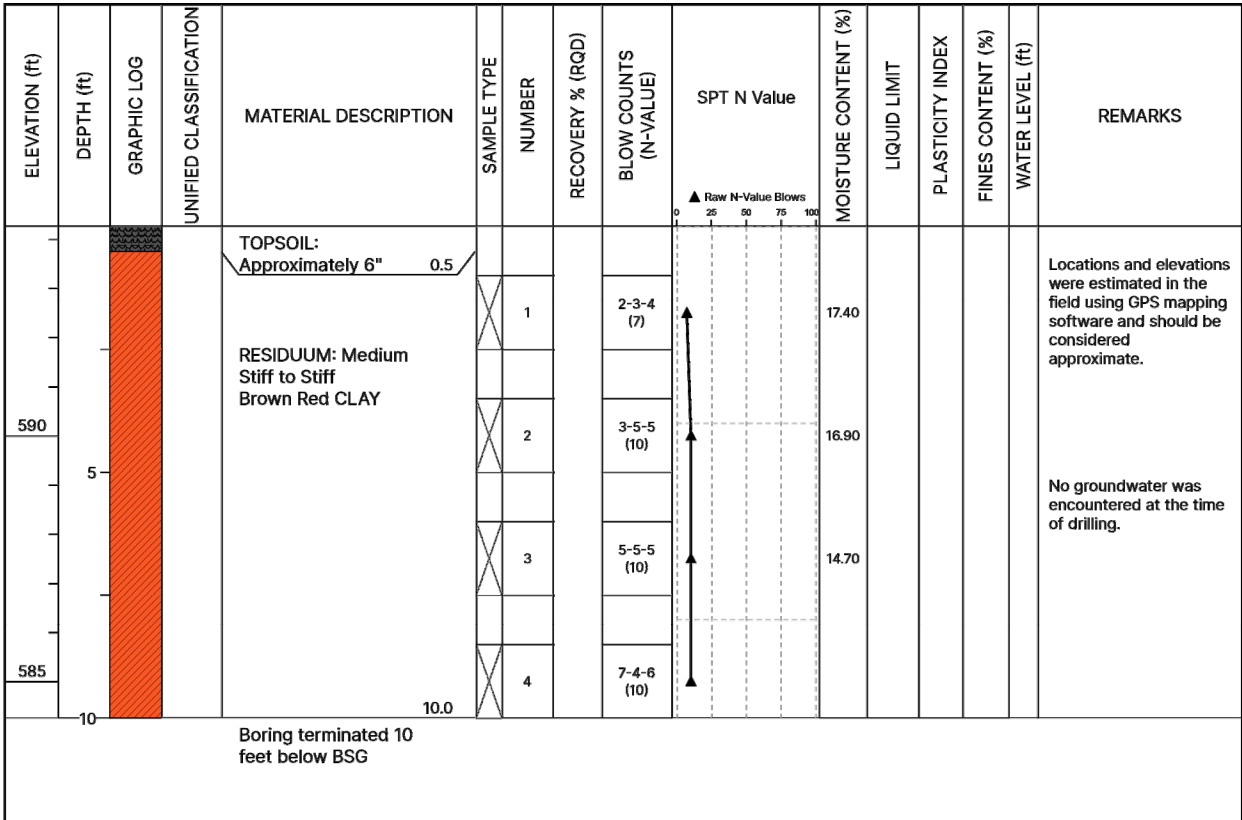
BOREHOLE 3

ELEVATION (ft)	DEPTH (ft)	GRAPHIC LOG	UNIFIED CLASSIFICATION	MATERIAL DESCRIPTION	SAMPLE TYPE	NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N-VALUE)	SPT N Value	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTICITY INDEX	FINES CONTENT (%)	WATER LEVEL (ft)	REMARKS
				TOPSOIL: Approximately 6"		0.5									
				FILL: Medium Stiff Brown Red CLAY		1		3-4-4 (8)		12.30					Locations and elevations were estimated in the field using GPS mapping software and should be considered approximate.
				RESIDUUM: Stiff Dark Brown CLAY; Miscellaneous Rock		2		2-2-7 (9)		74.60					
				RESIDUUM: Stiff to Medium Stiff Brown Red Cherty CLAY		3		4-5-7 (12)							
						4		2-3-4 (7)							Groundwater Encountered at 8 Feet at the Time of Drilling
				Boring terminated 10 feet below BSG											

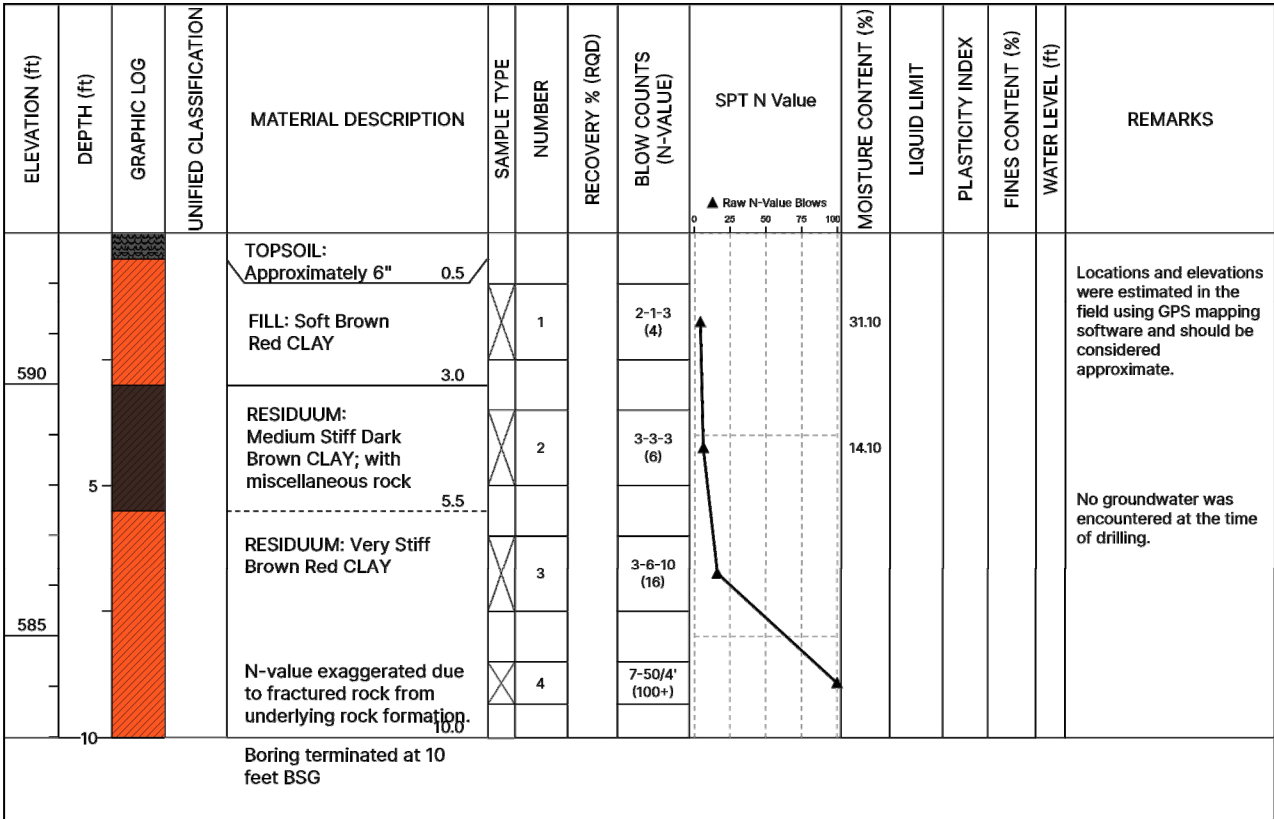
BOREHOLE 2

ELEVATION (ft)	DEPTH (ft)	GRAPHIC LOG	UNIFIED CLASSIFICATION	MATERIAL DESCRIPTION	SAMPLE TYPE	NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N-VALUE)	SPT N Value	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTICITY INDEX	FINES CONTENT (%)	WATER LEVEL (ft)	REMARKS
				TOPSOIL: Approximately 6"		0.5									
				RESIDUUM: Stiff to Very Stiff Brown Red CLAY		1		3-5-4 (9)		18.70					Locations and elevations were estimated in the field using GPS mapping software and should be considered approximate.
						2		3-4-5 (9)		18.00					
						3		6-7-9 (16)							No groundwater was encountered at the time of drilling.
				RESIDUUM: Medium Stiff Brown Red Sandy CLAY		4		2-3-5 (8)							
				Boring terminated 10 feet below BSG											

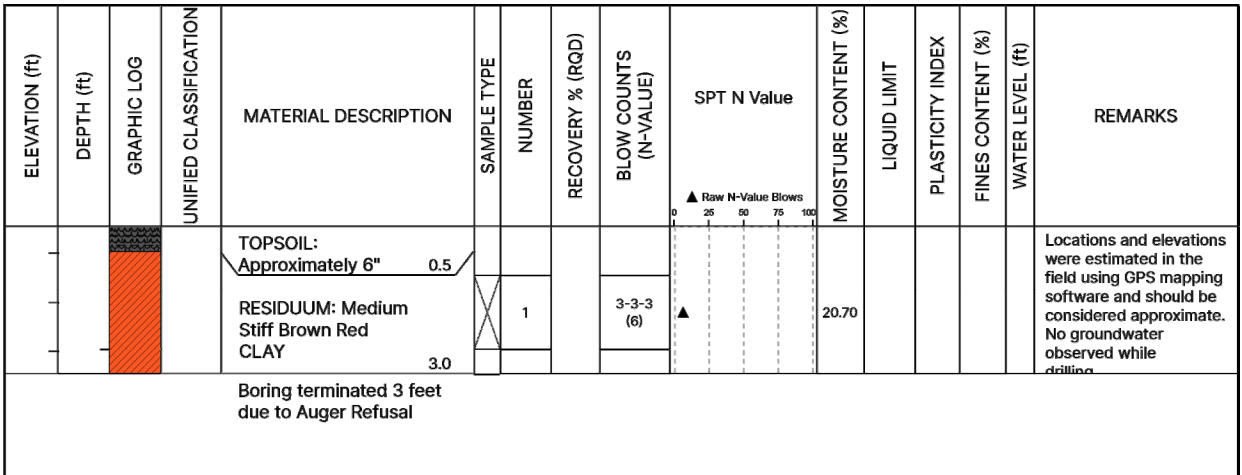
BOREHOLE 4



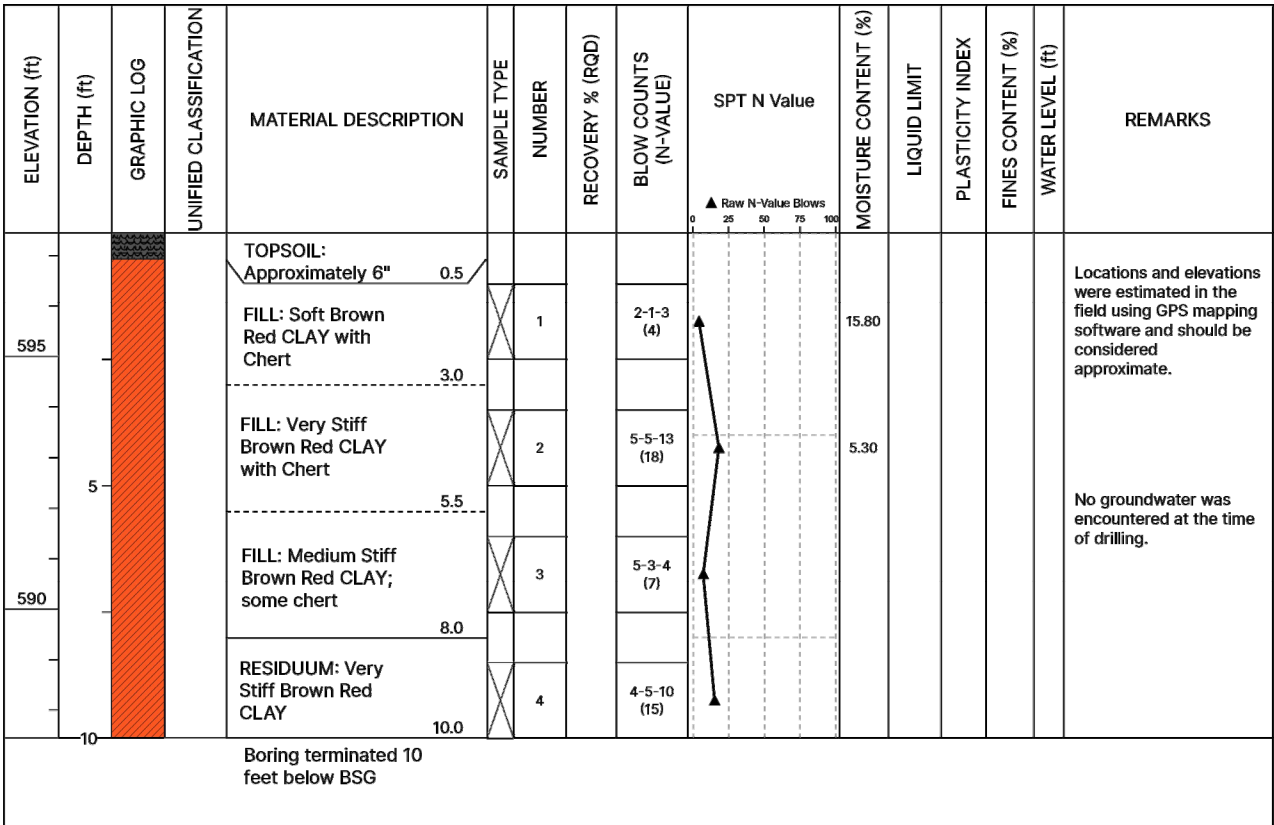
BOREHOLE 5



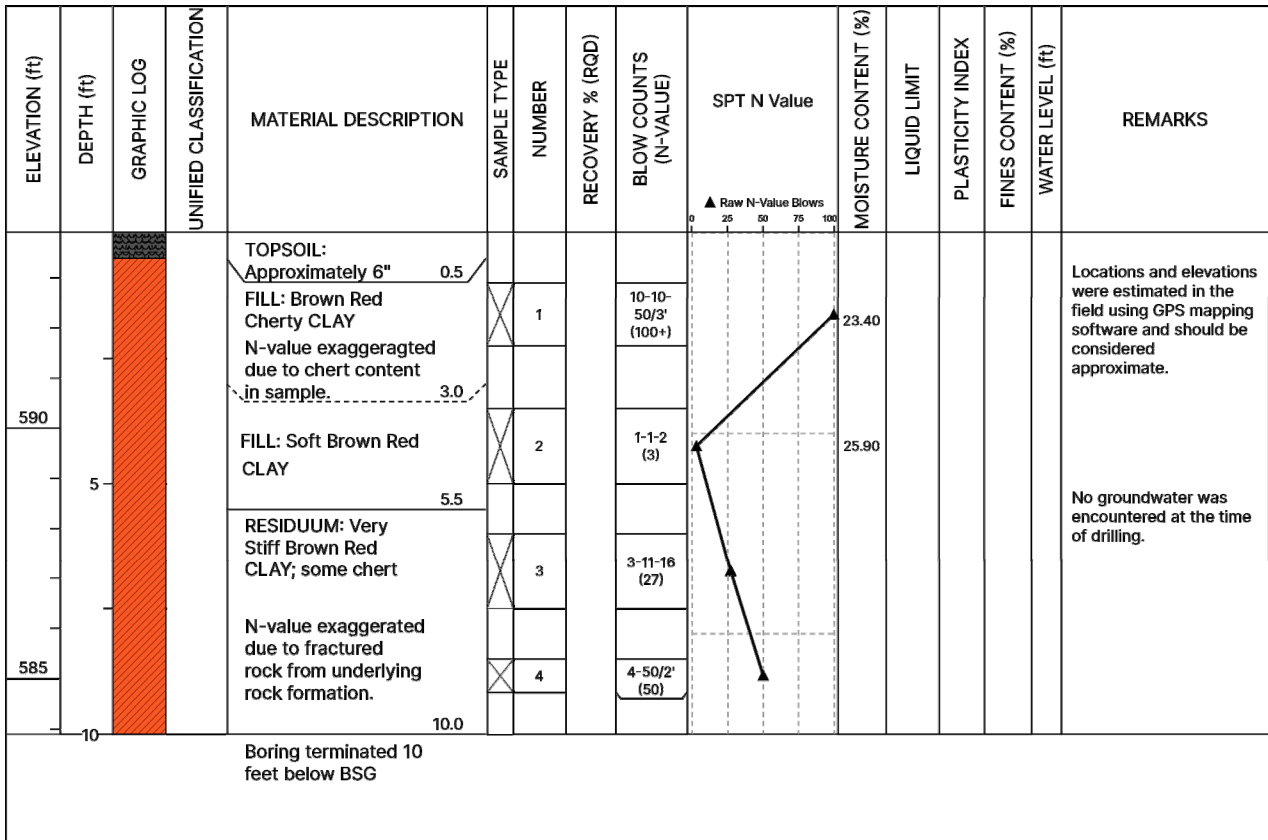
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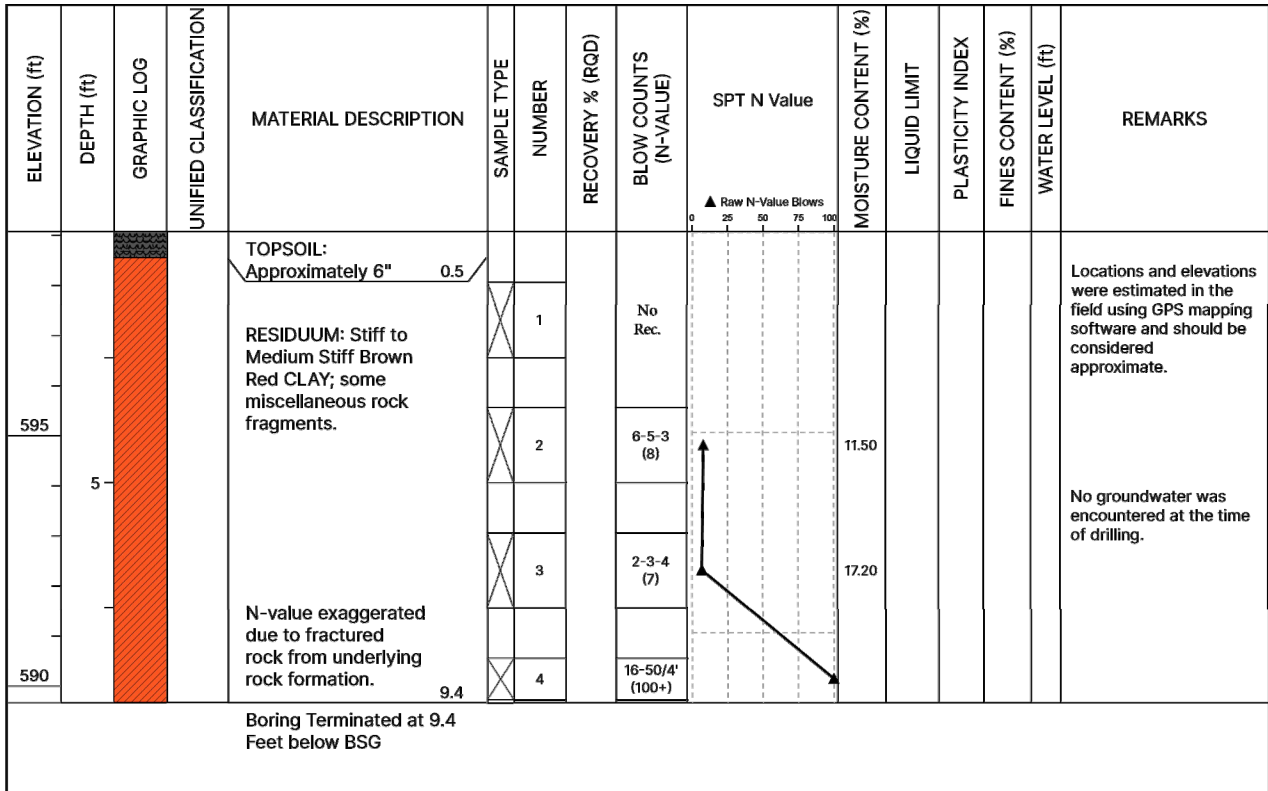
BOREHOLE 7



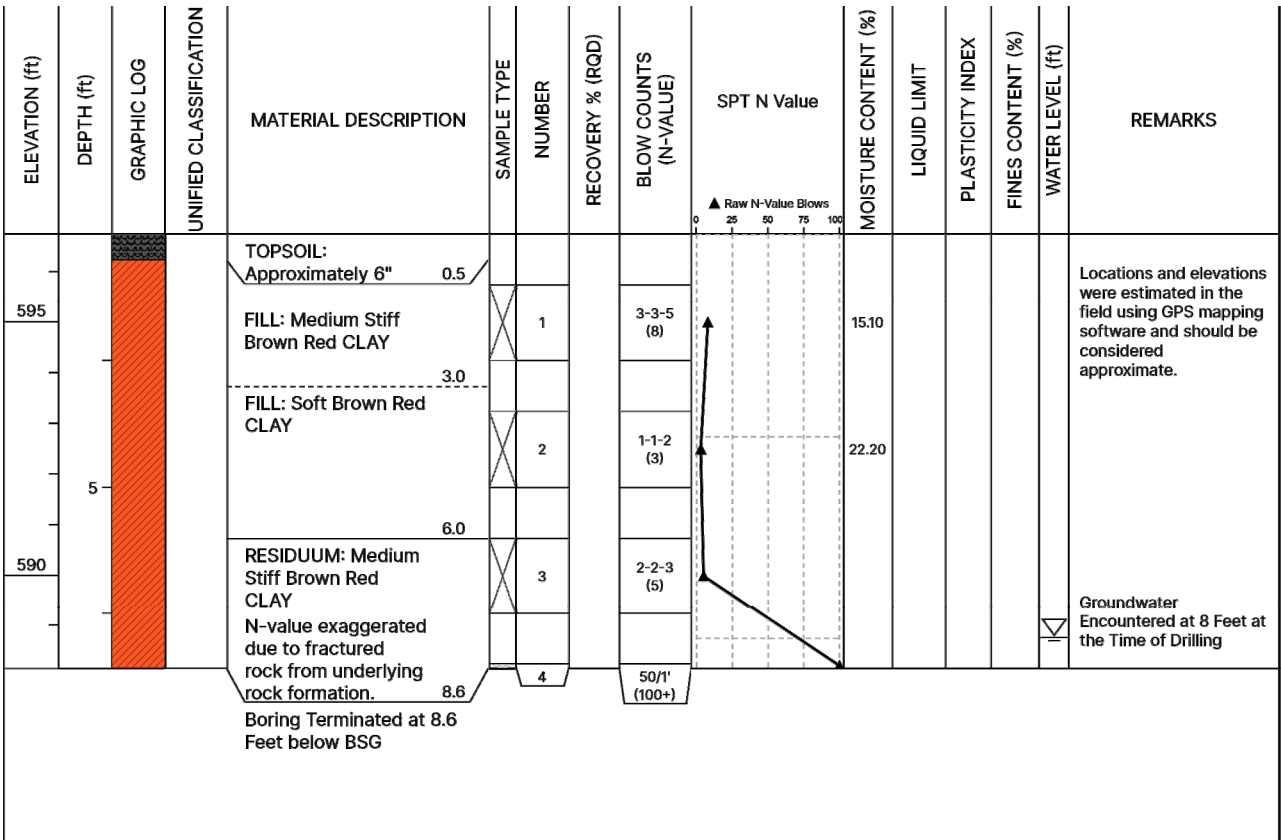
BOREHOLE 8



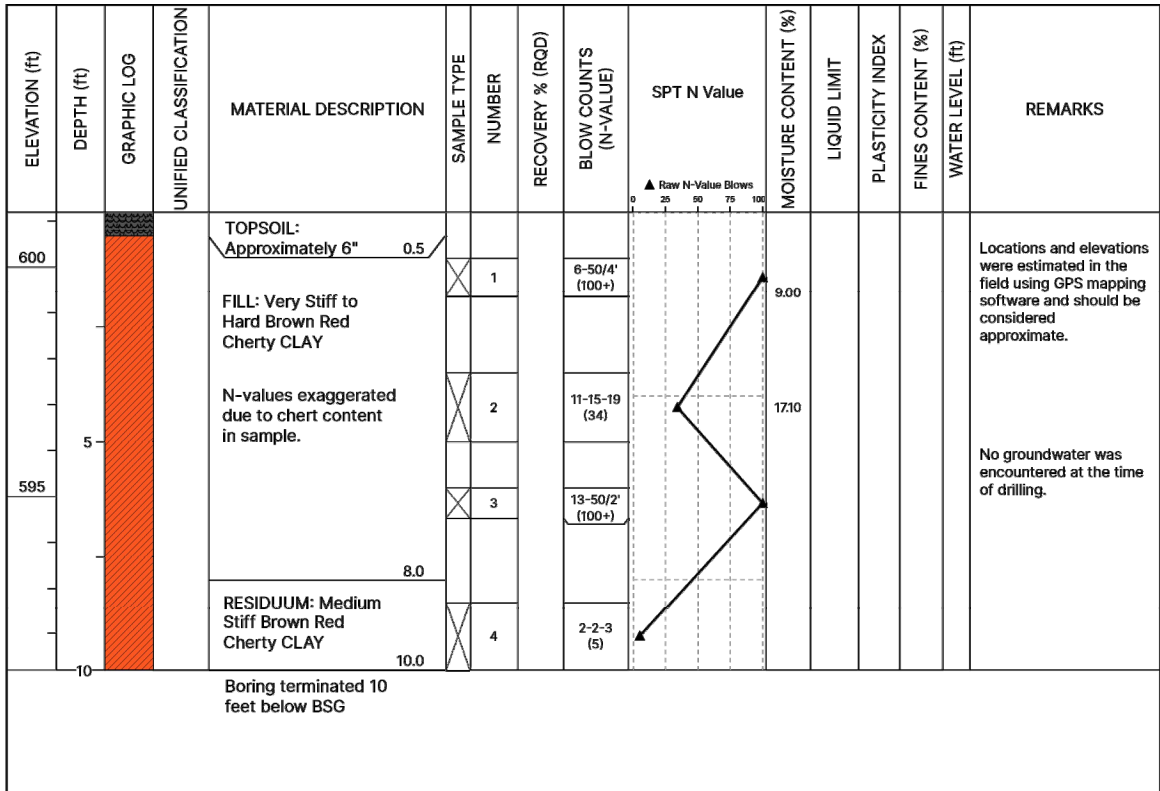
BOREHOLE 9



BOREHOLE 11



BOREHOLE 10



BOREHOLE 12



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INTERNATIONAL AIRPORT
TAXIWAY A - 400' SEPARATION AND
VILLAGE CREEK RELOCATION
5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212

ISSUED

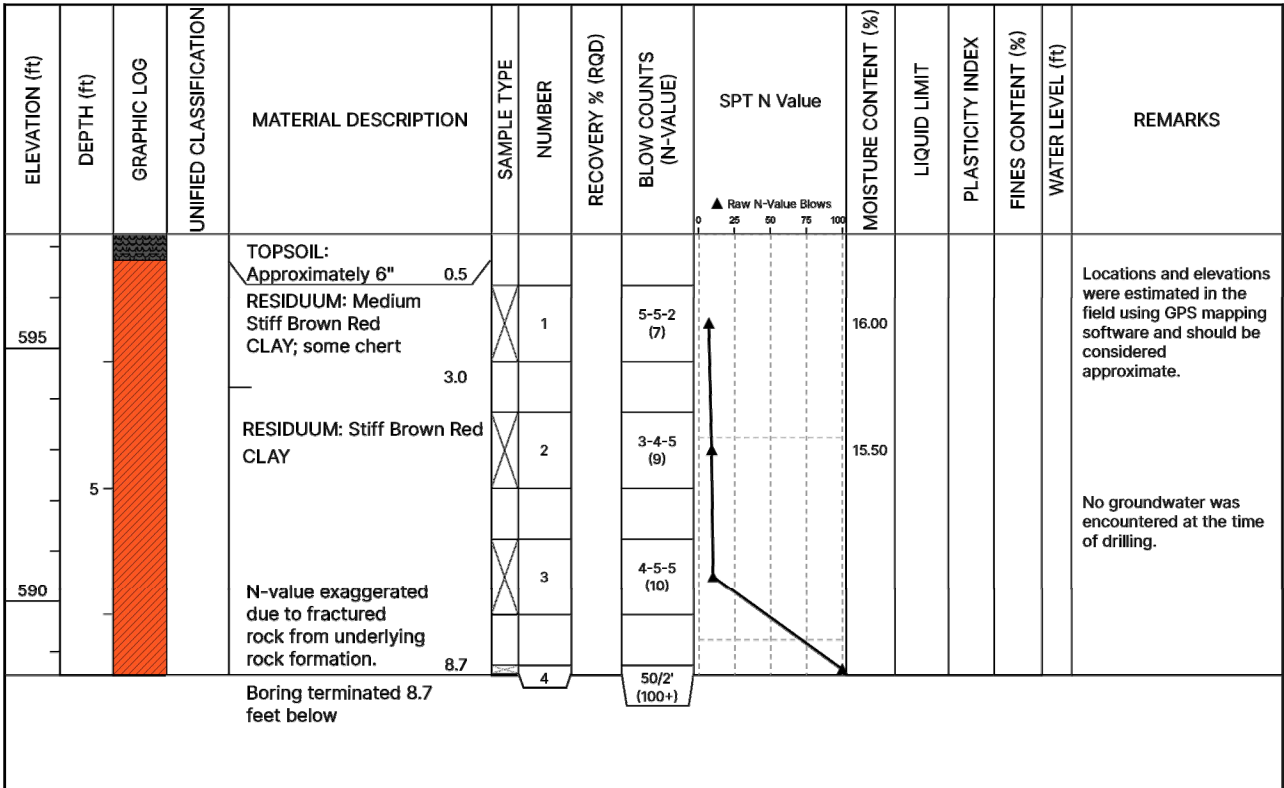
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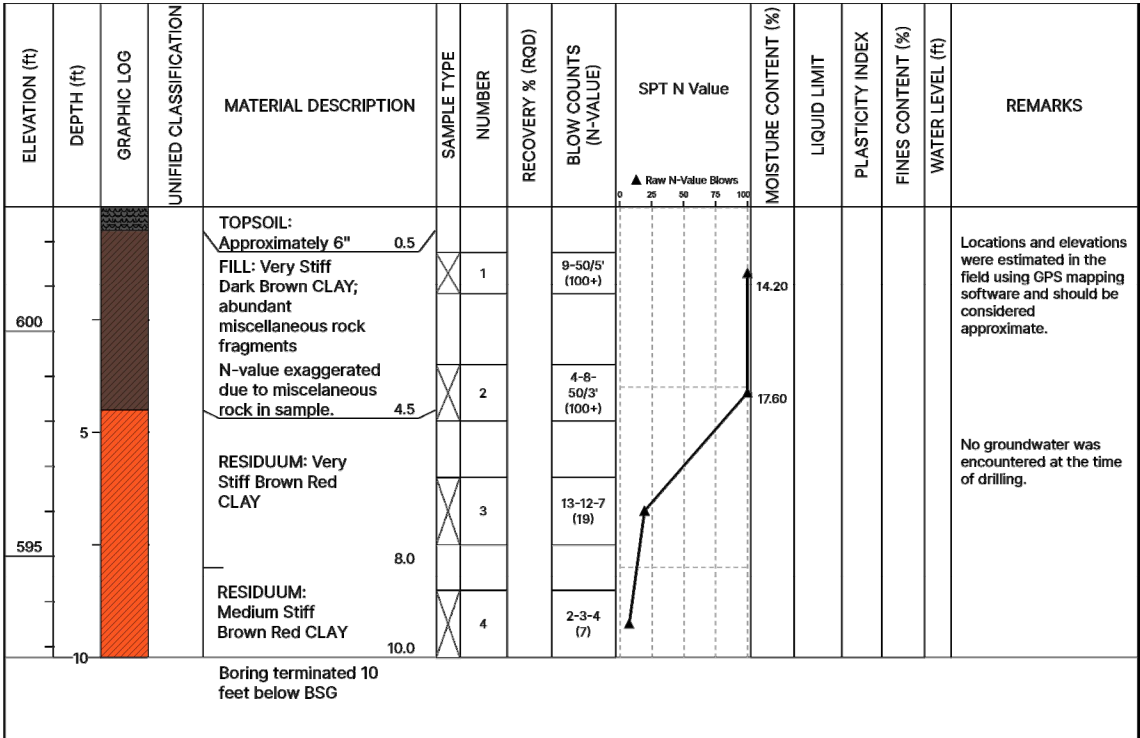
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SHEET CONTENTS
SOIL BORING LOGS -
SHEET 3

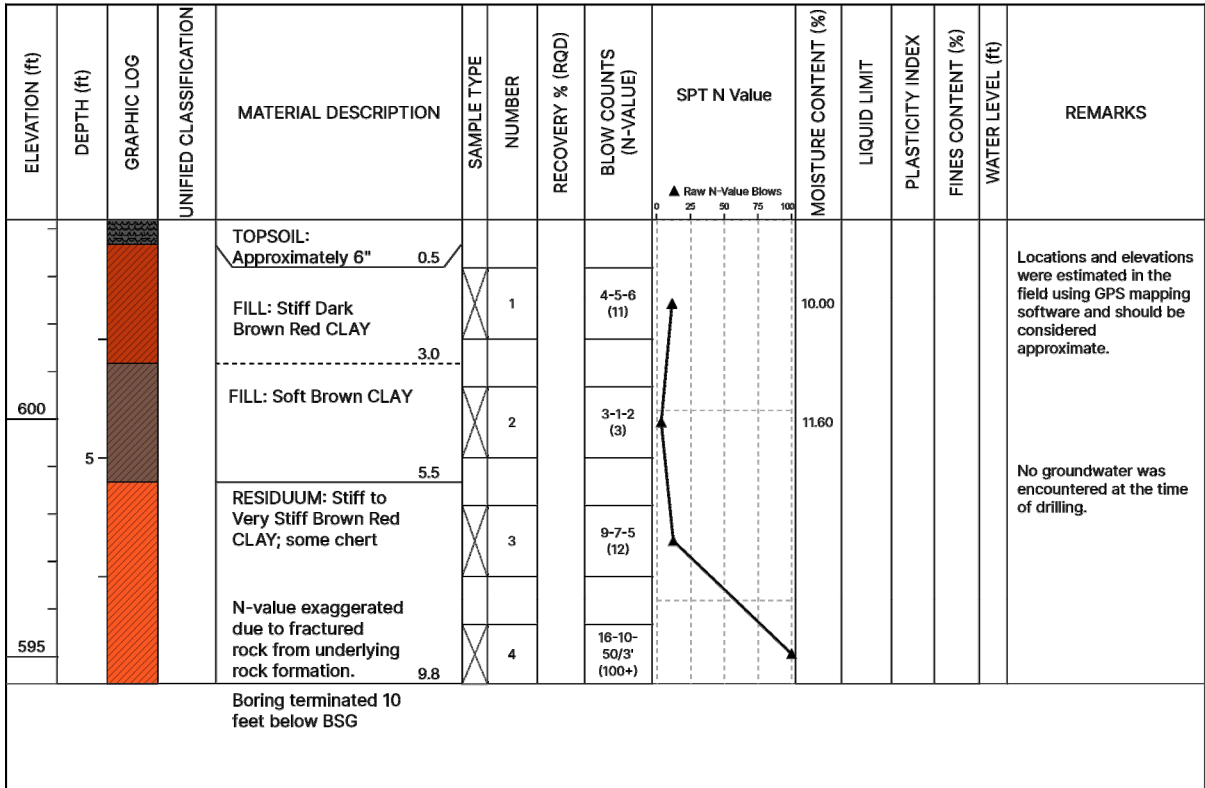
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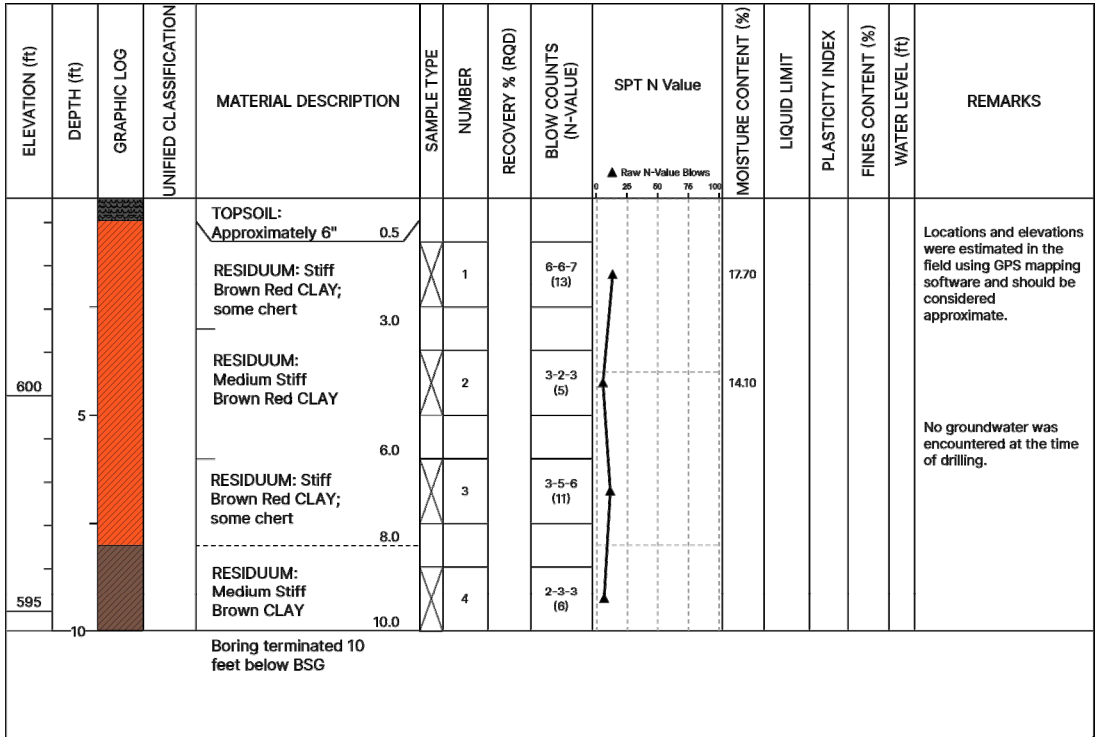
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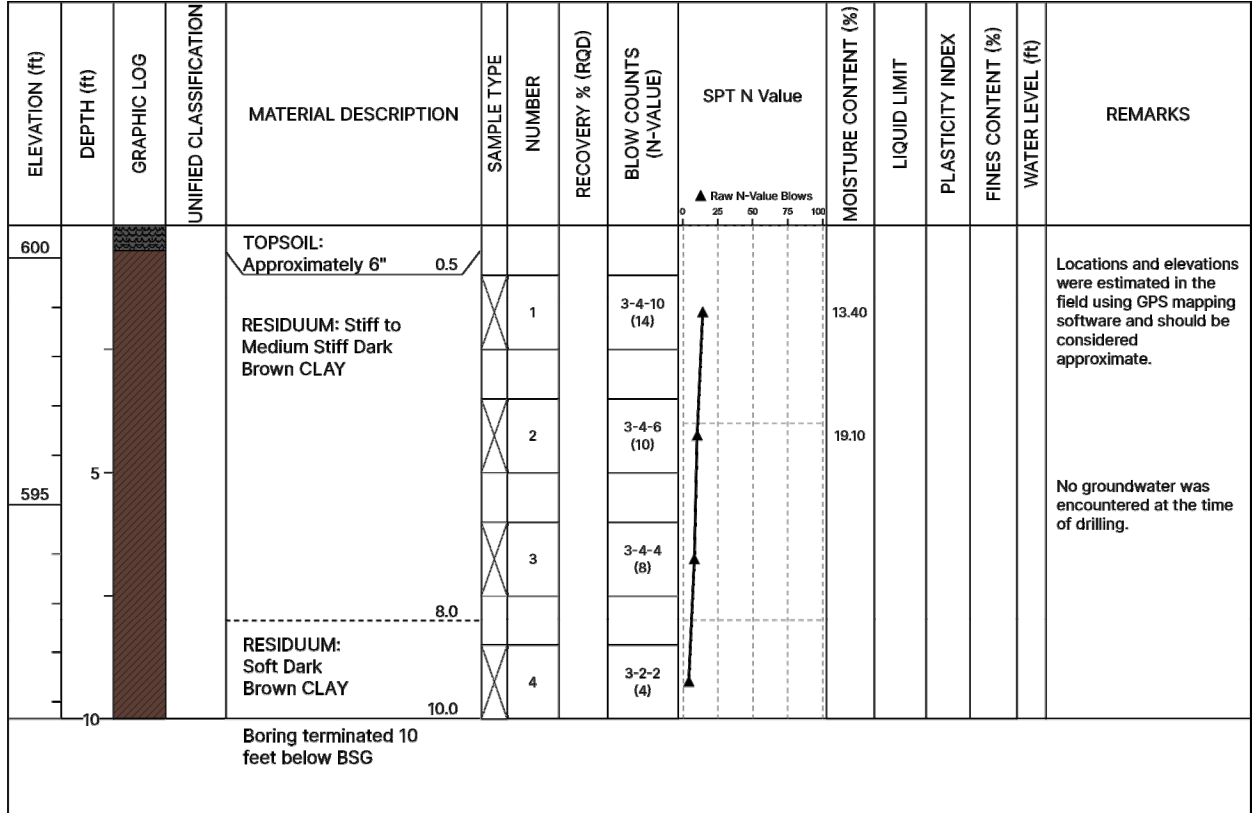
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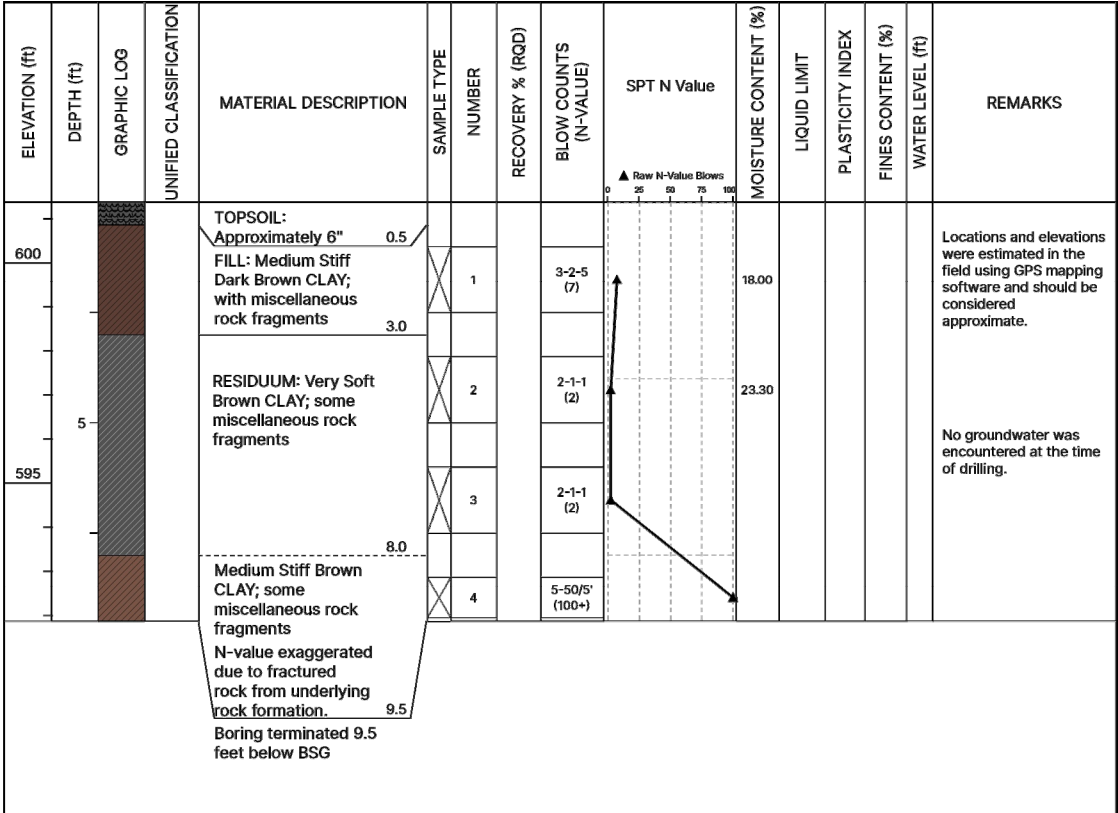
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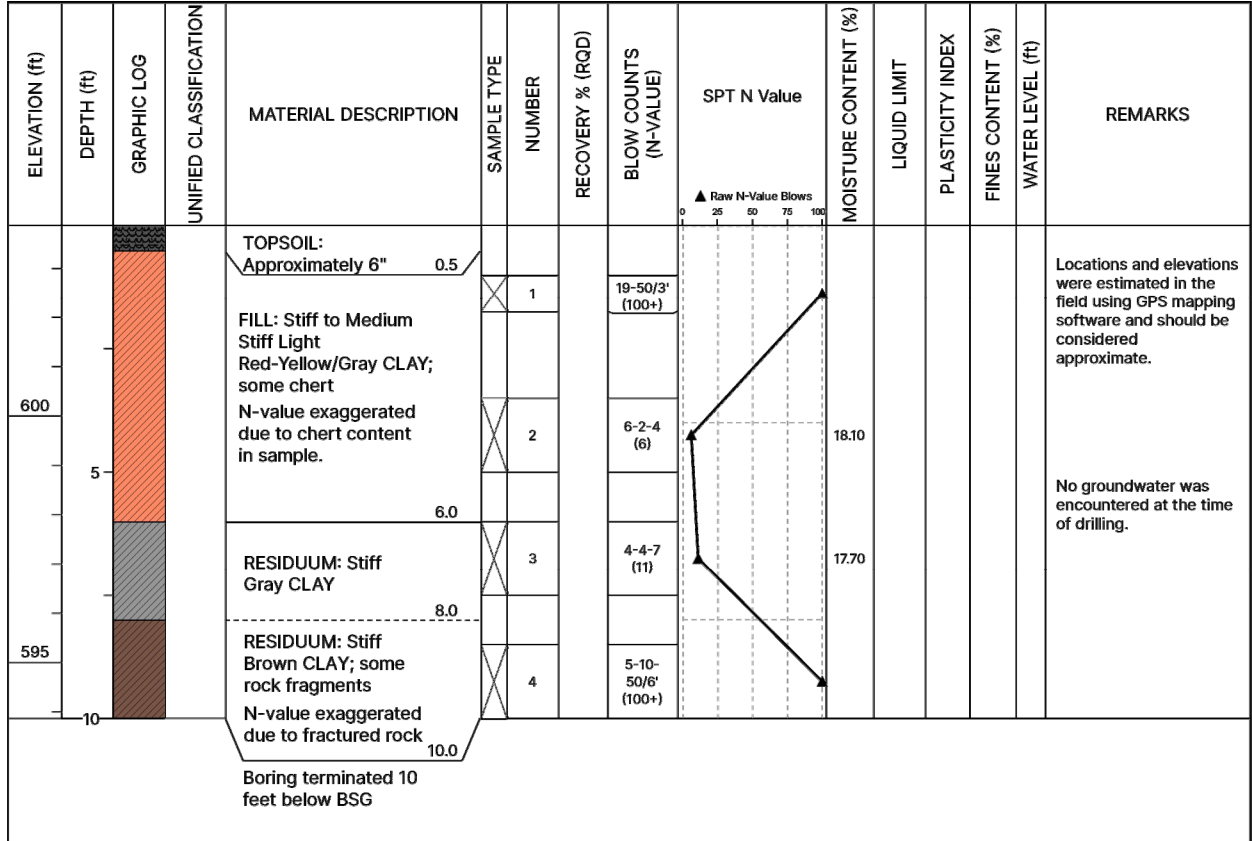
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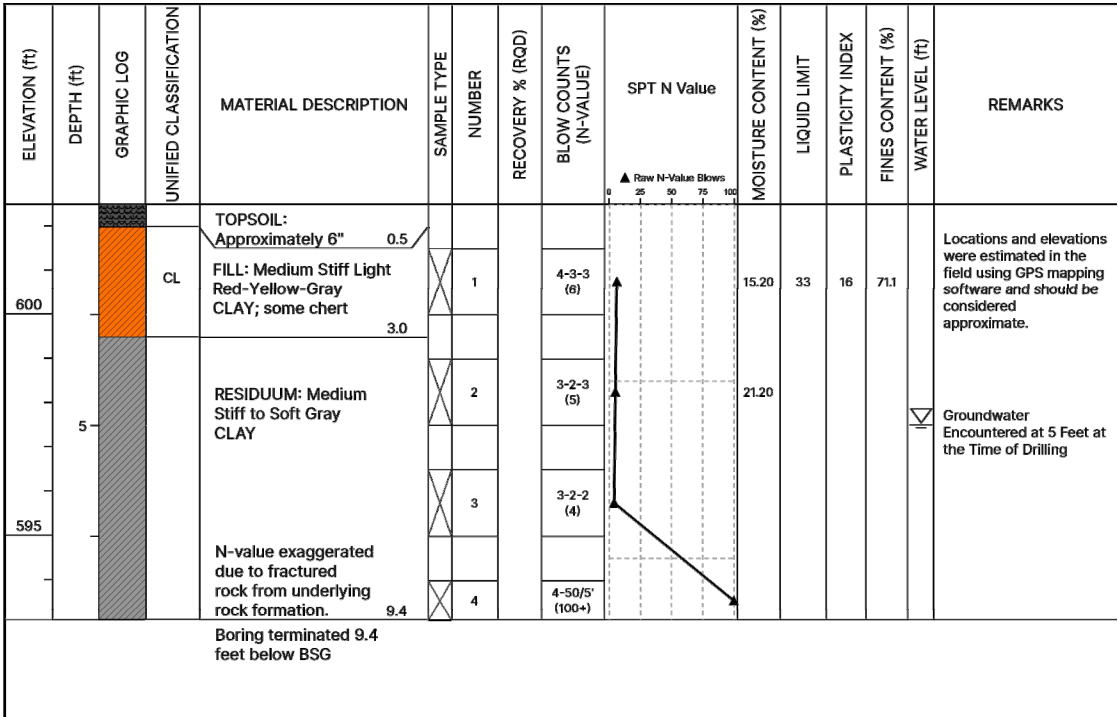
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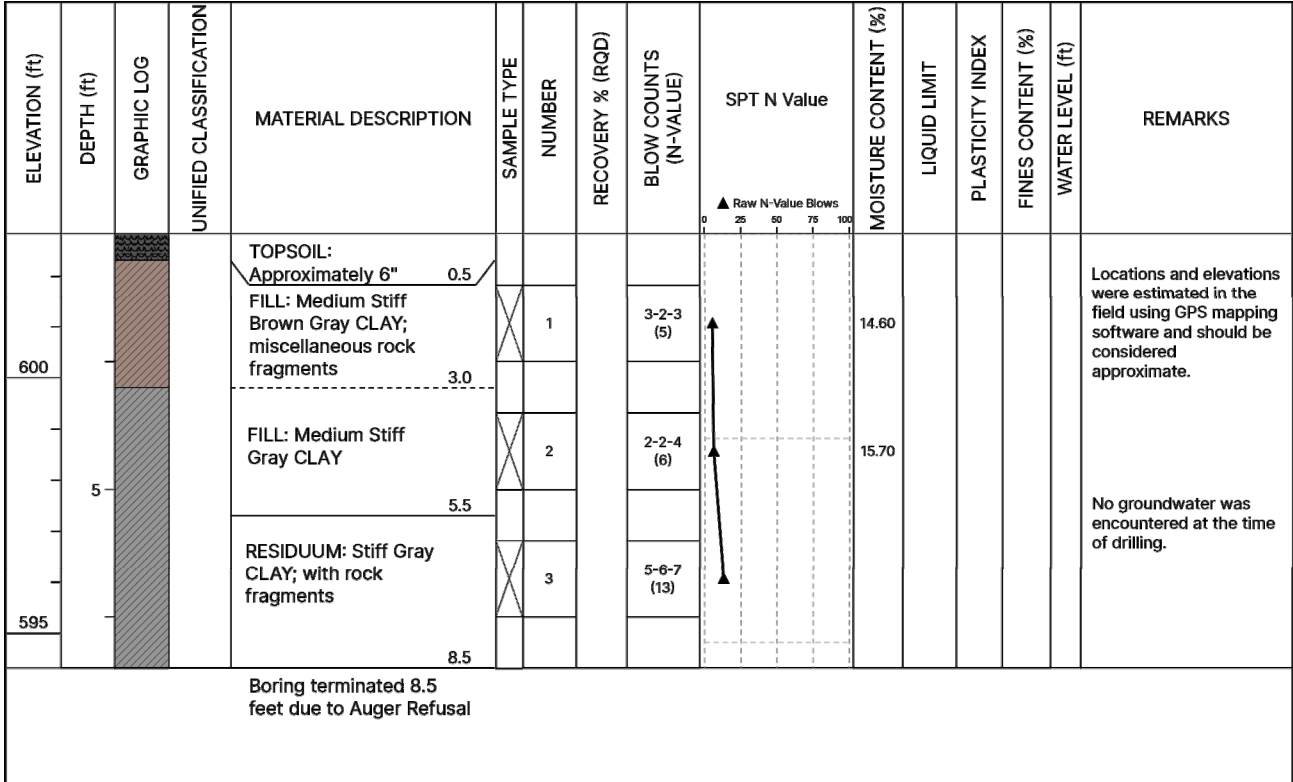
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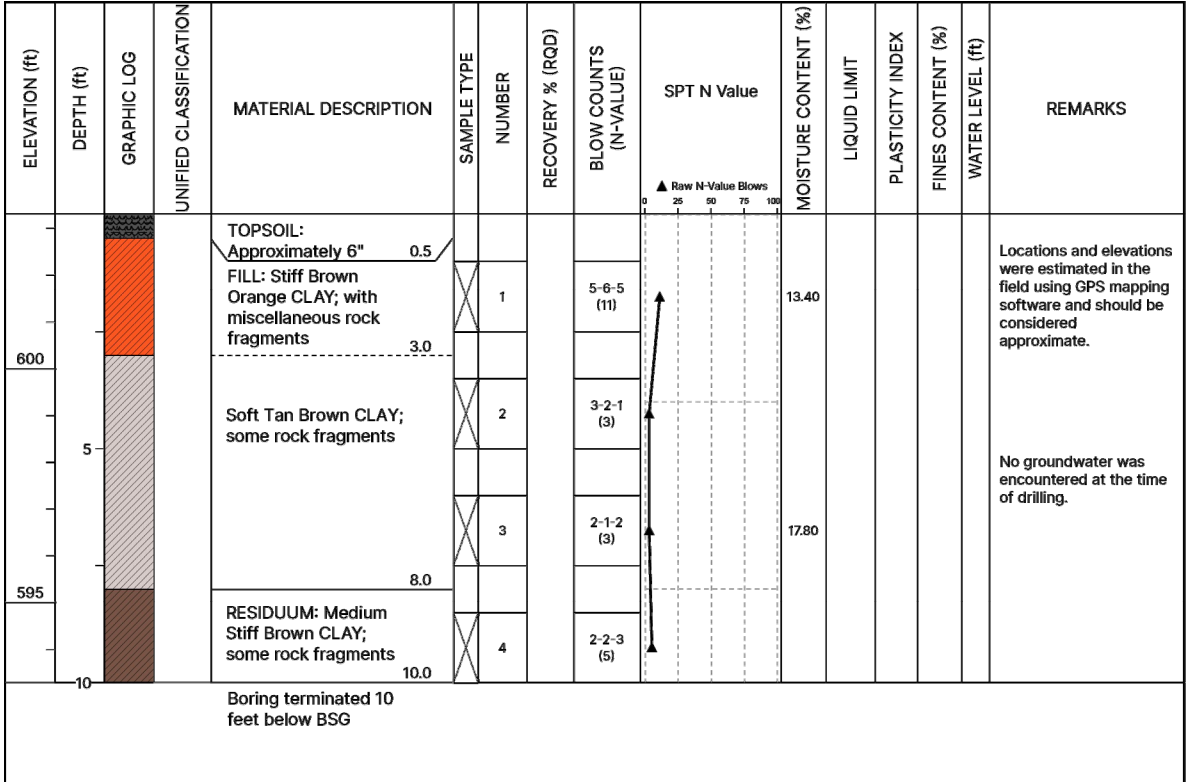
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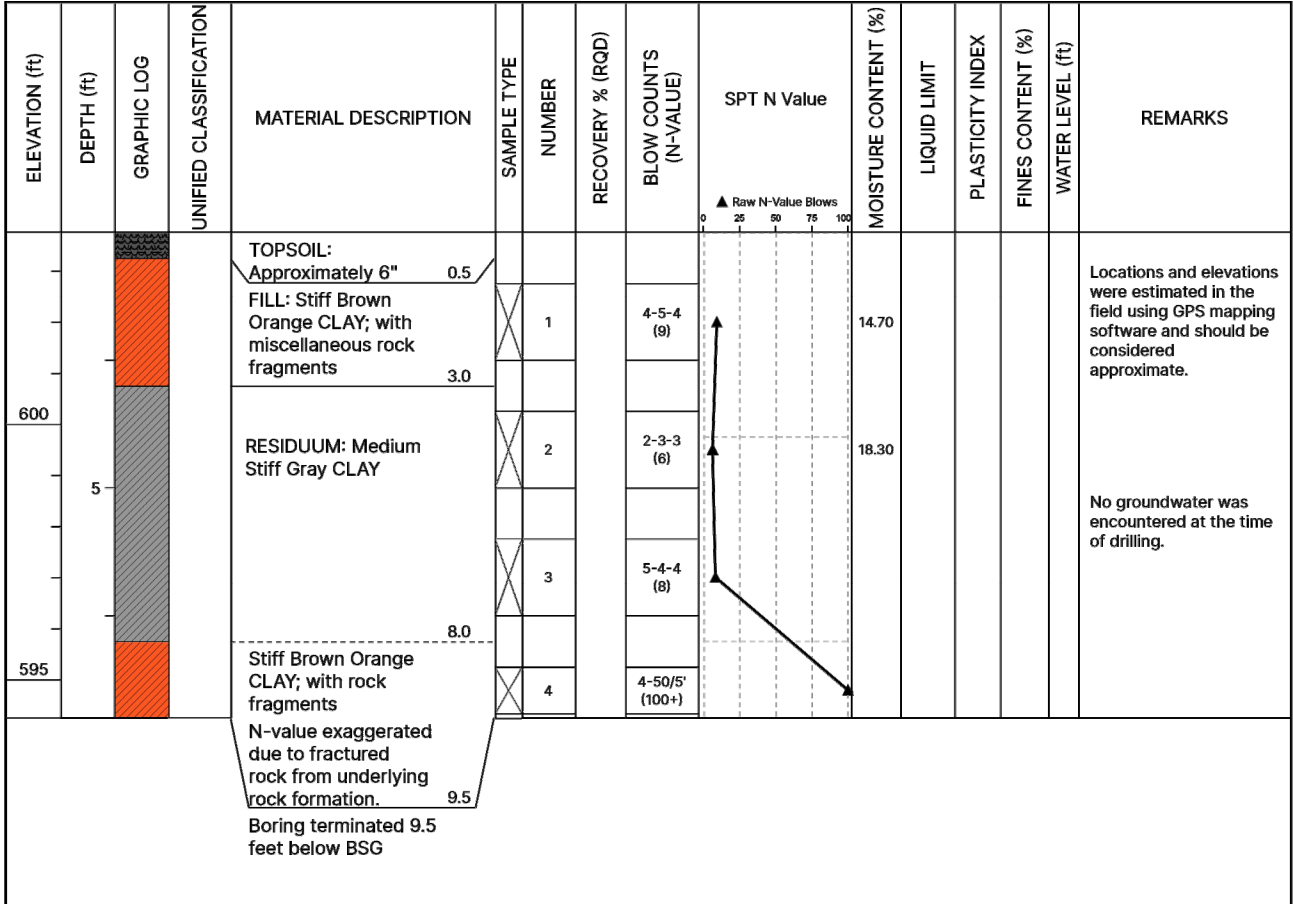
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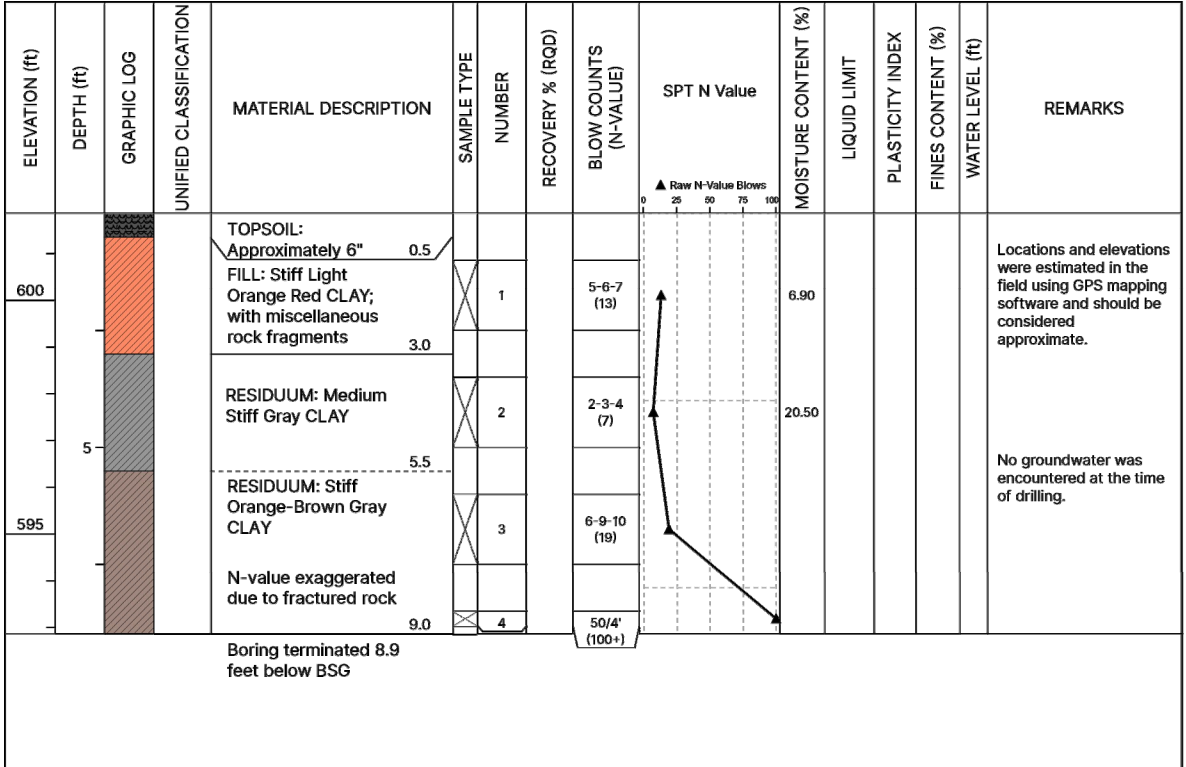
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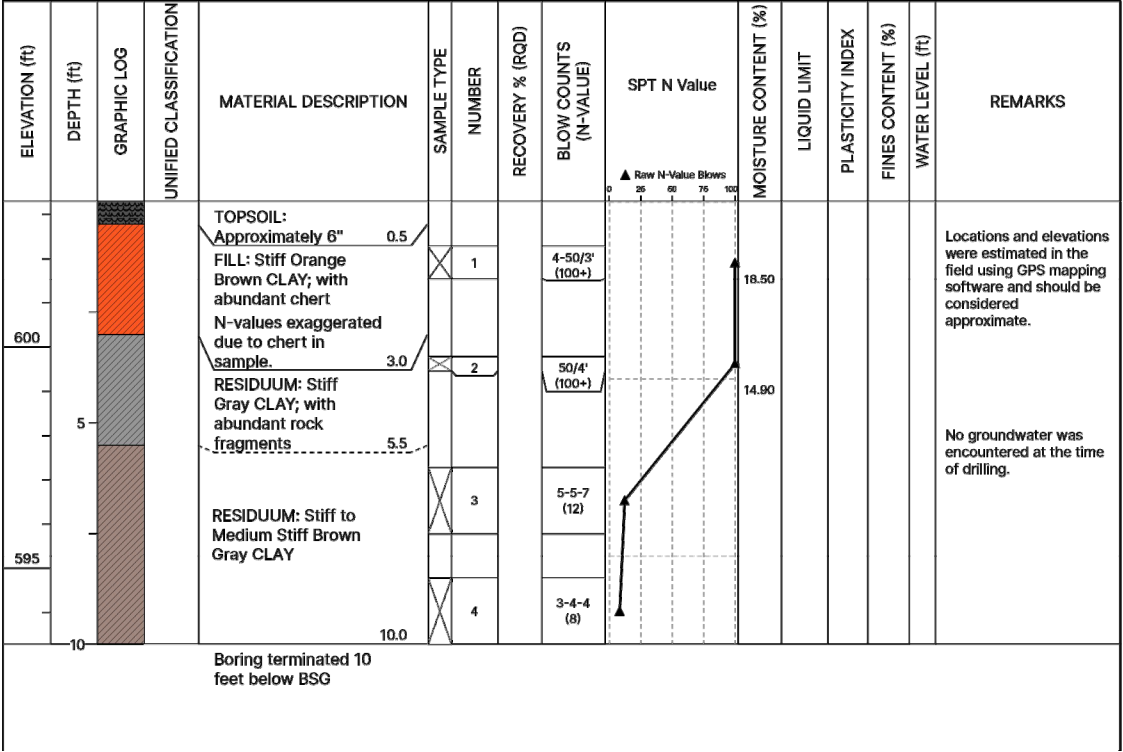
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BOREHOLE 23



BOREHOLE 24



BOREHOLE 25



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TAXIWAY A - 400' SEPARATION AND
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5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212

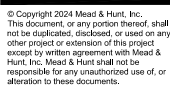
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SHEET CONTENTS
SOIL BORING LOGS -
SHEET 7



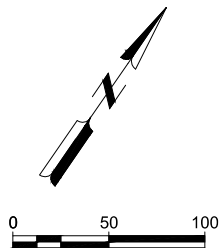
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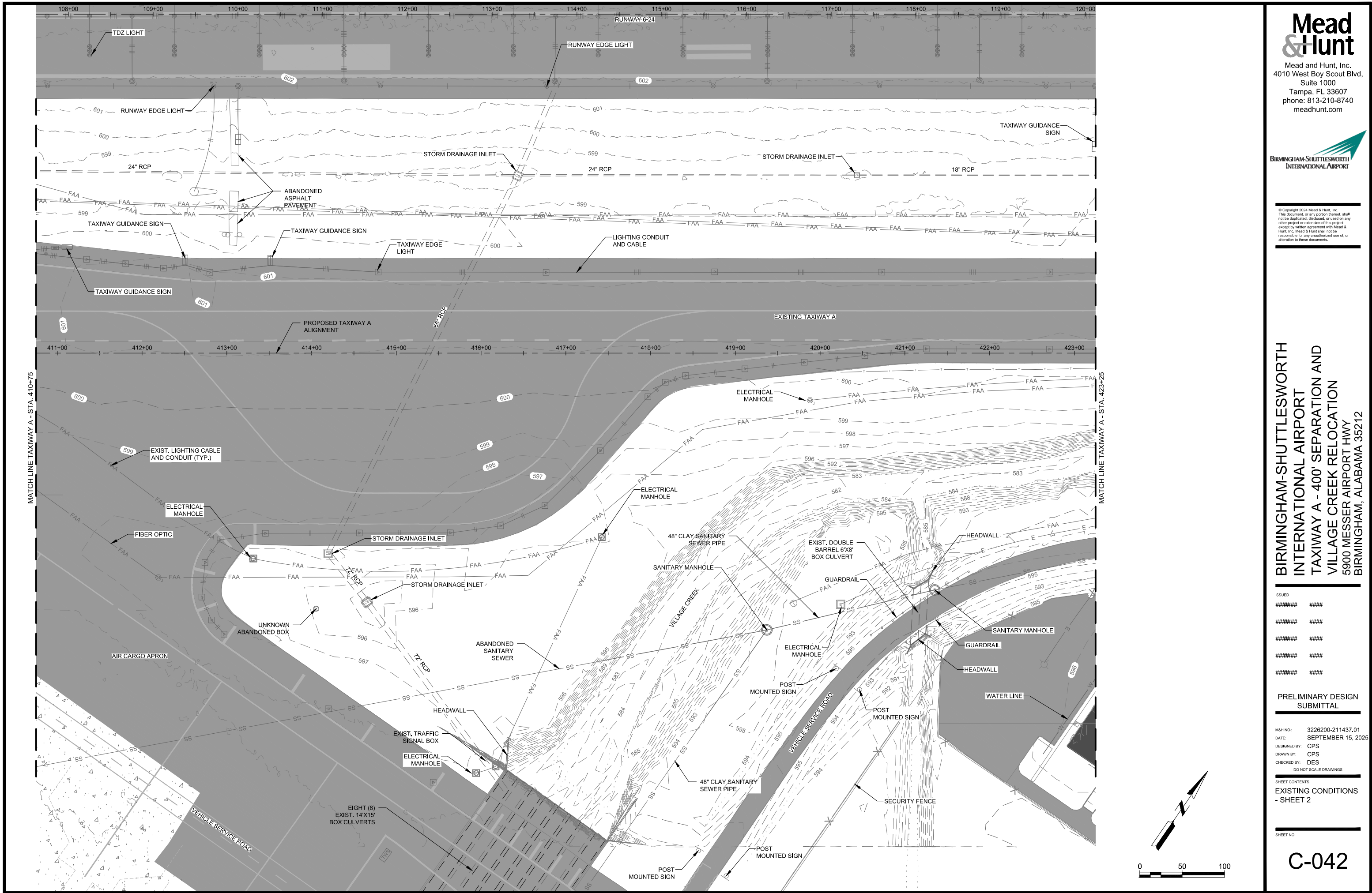
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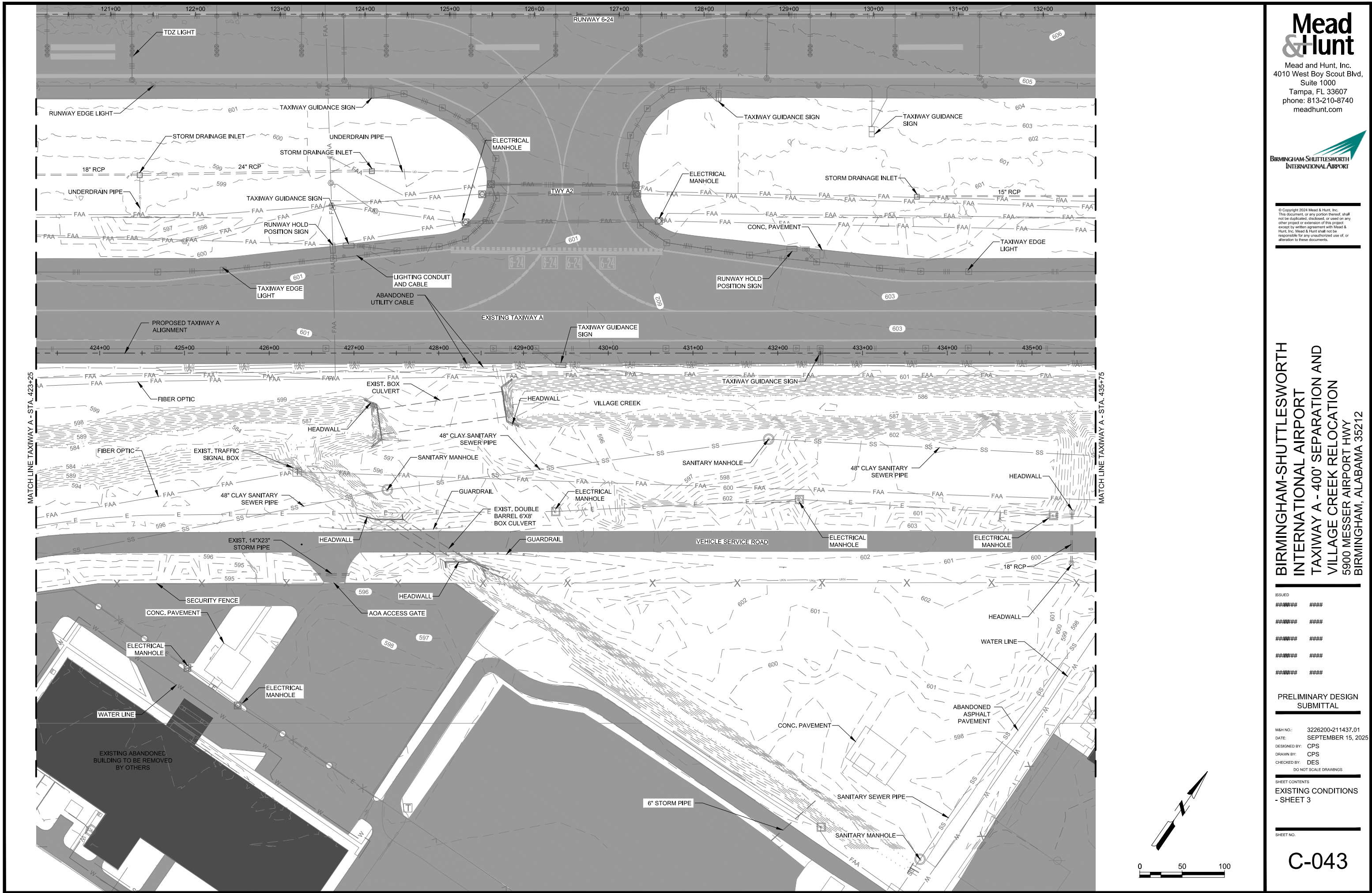
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TAXIWAY A - 400' SEPARATION AND
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5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212**

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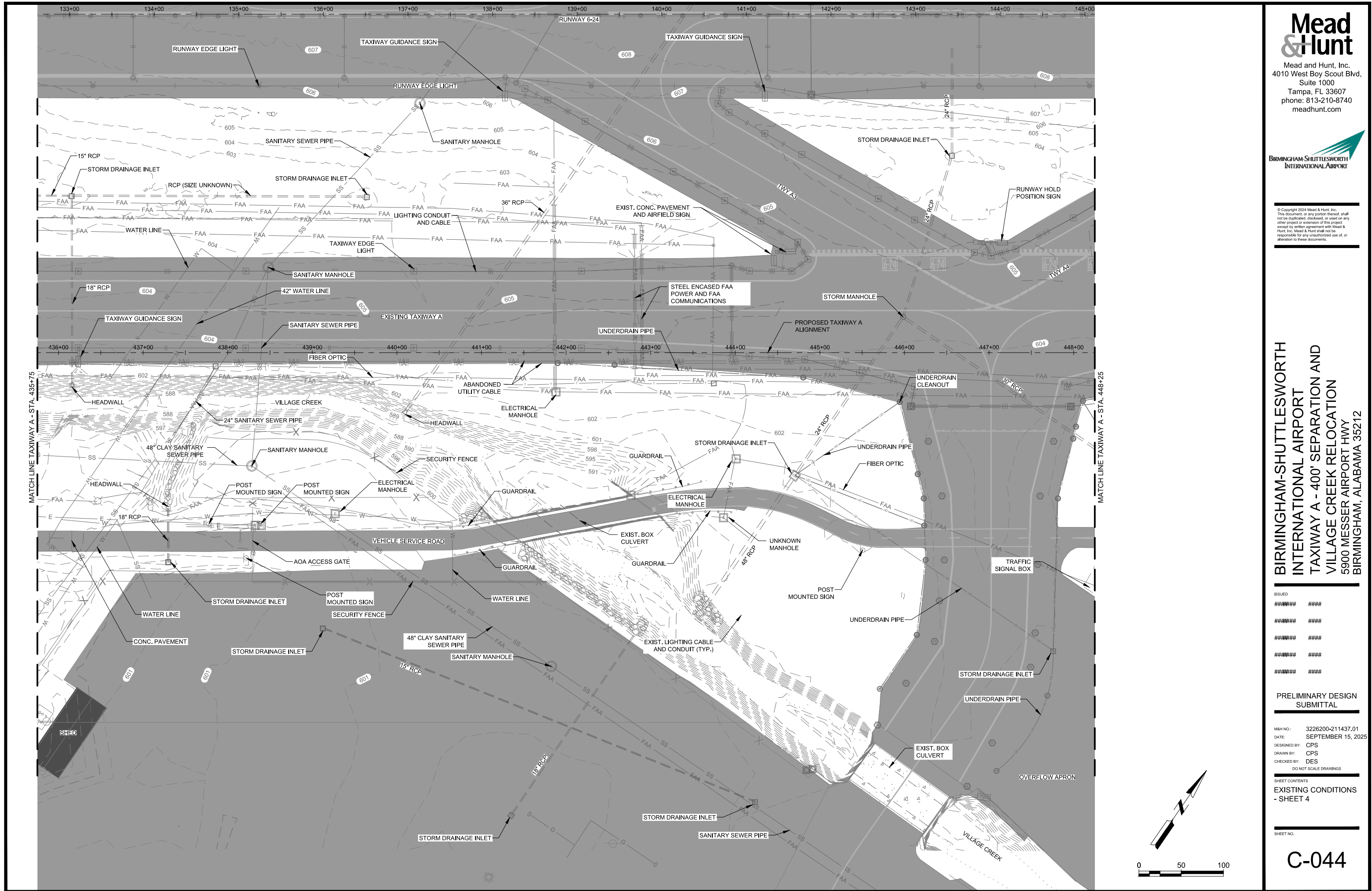
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**SHEET CONTENTS
EXISTING CONDITIONS
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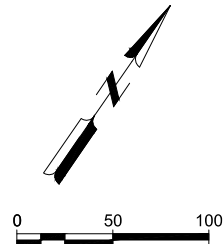
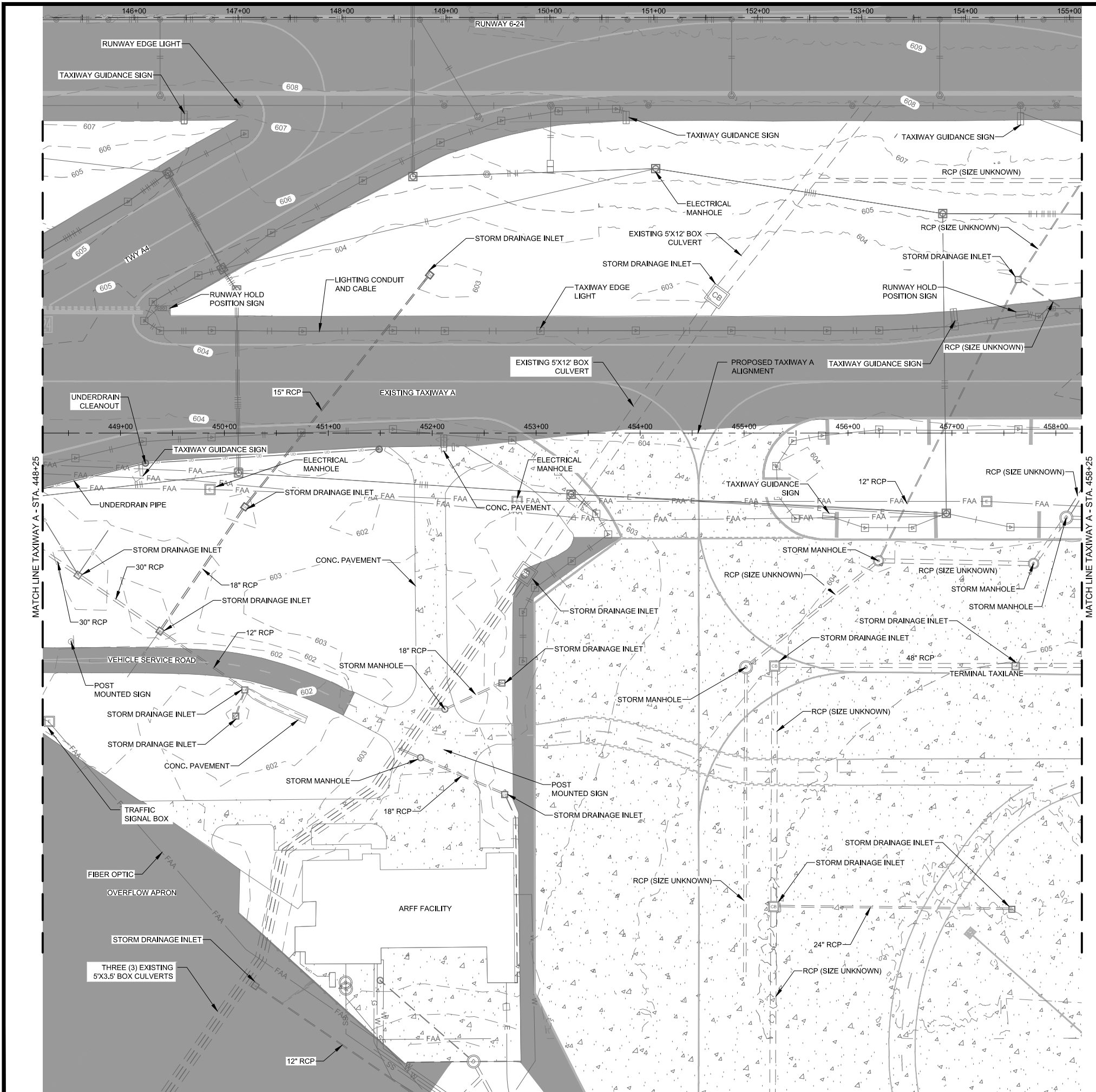
BIRMINGHAM-SHUTTLESWORTH
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SHEET CONTENTS
EXISTING CONDITIONS
- SHEET 4



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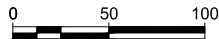
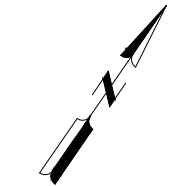
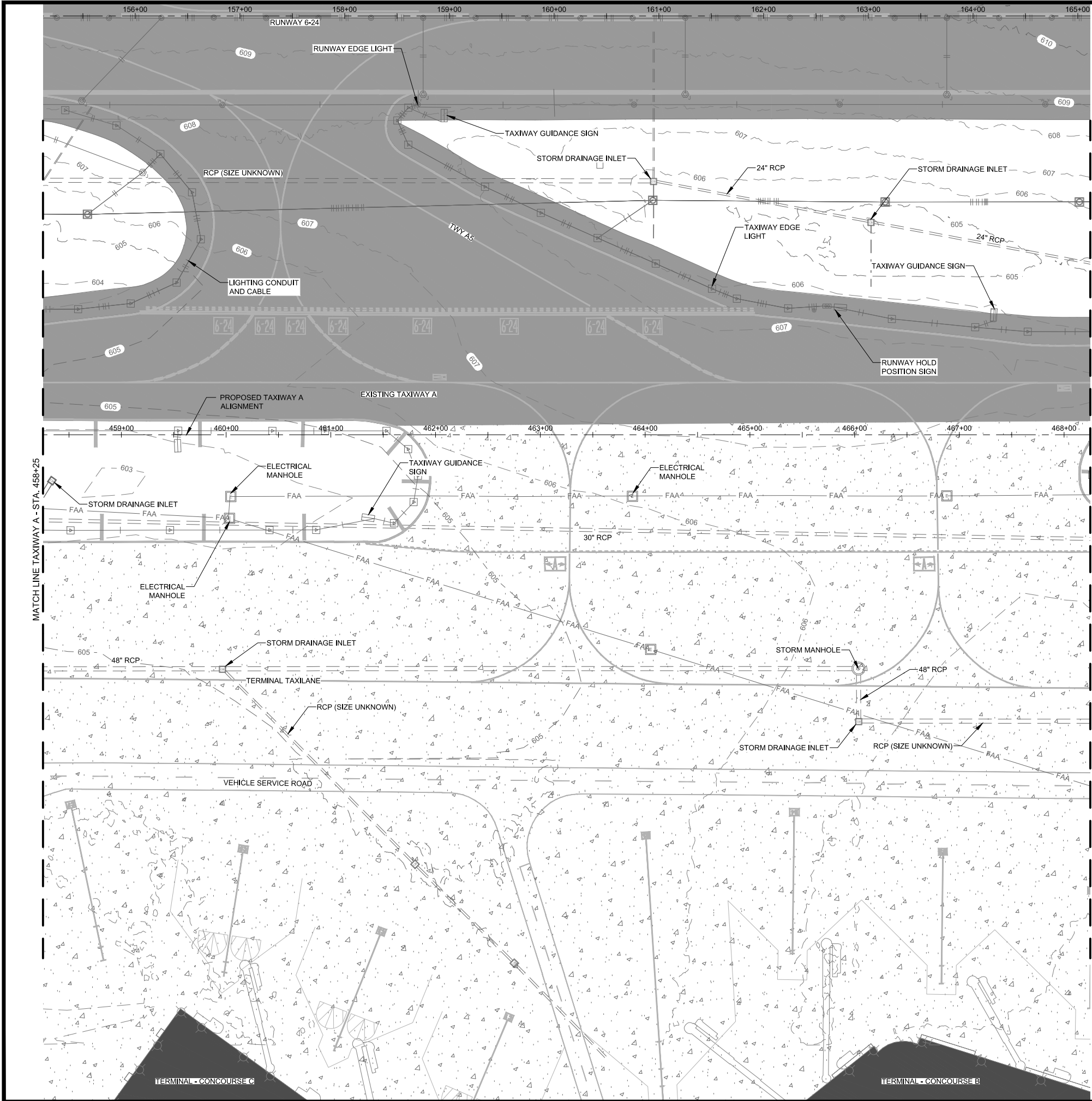
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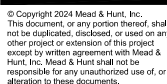
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- SHEET 6



**BIRMINGHAM-SHUTTLESWORTH
INTERNATIONAL AIRPORT
TAXIWAY A - 400' SEPARATION AND
VILLAGE CREEK RELOCATION
5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212**

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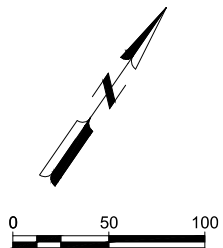
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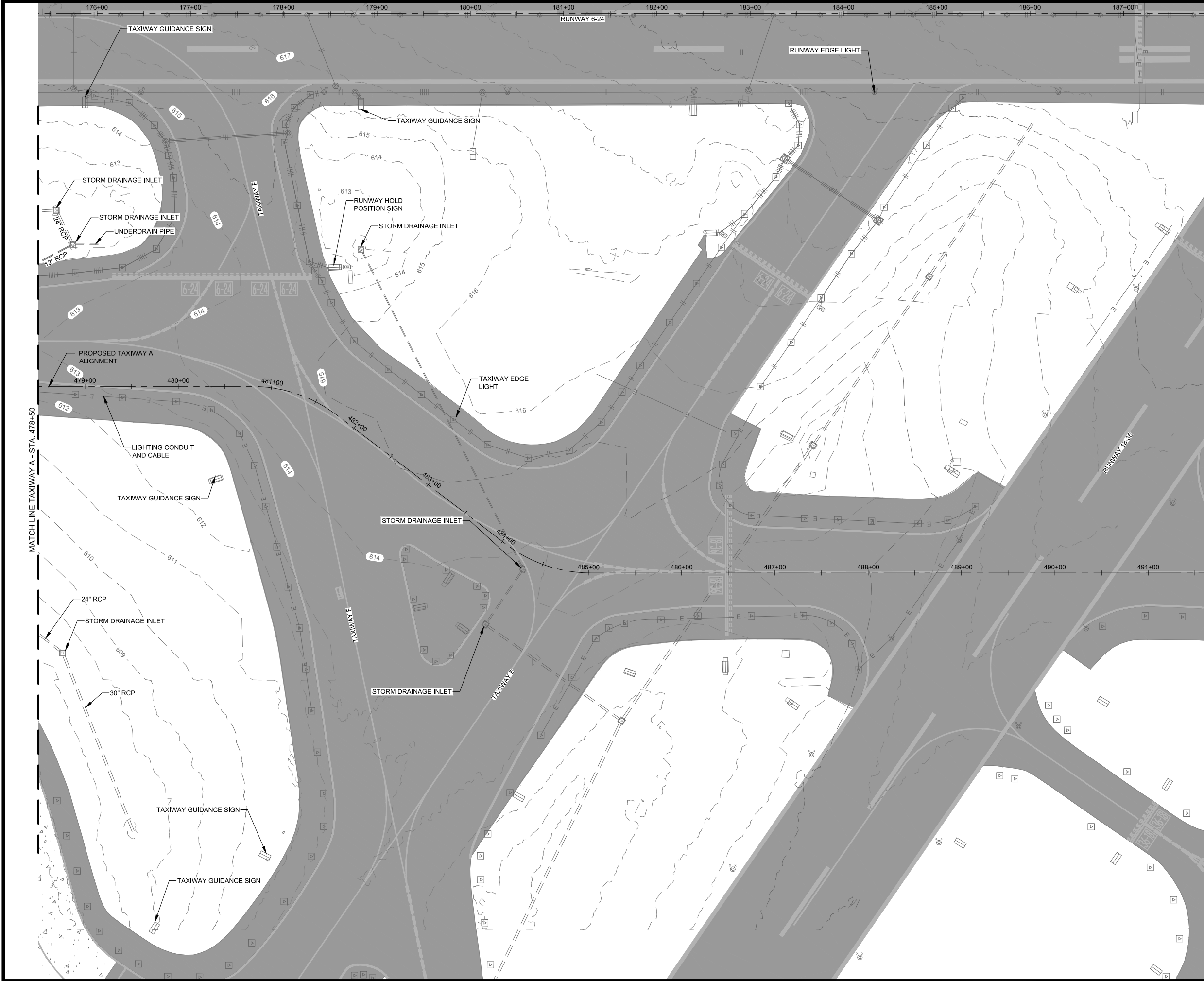
SHEET CONTENTS

EXISTING CONDITIONS
- SHEET 7

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C-047





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TAXIWAY A - 400' SEPARATION AND
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5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212**

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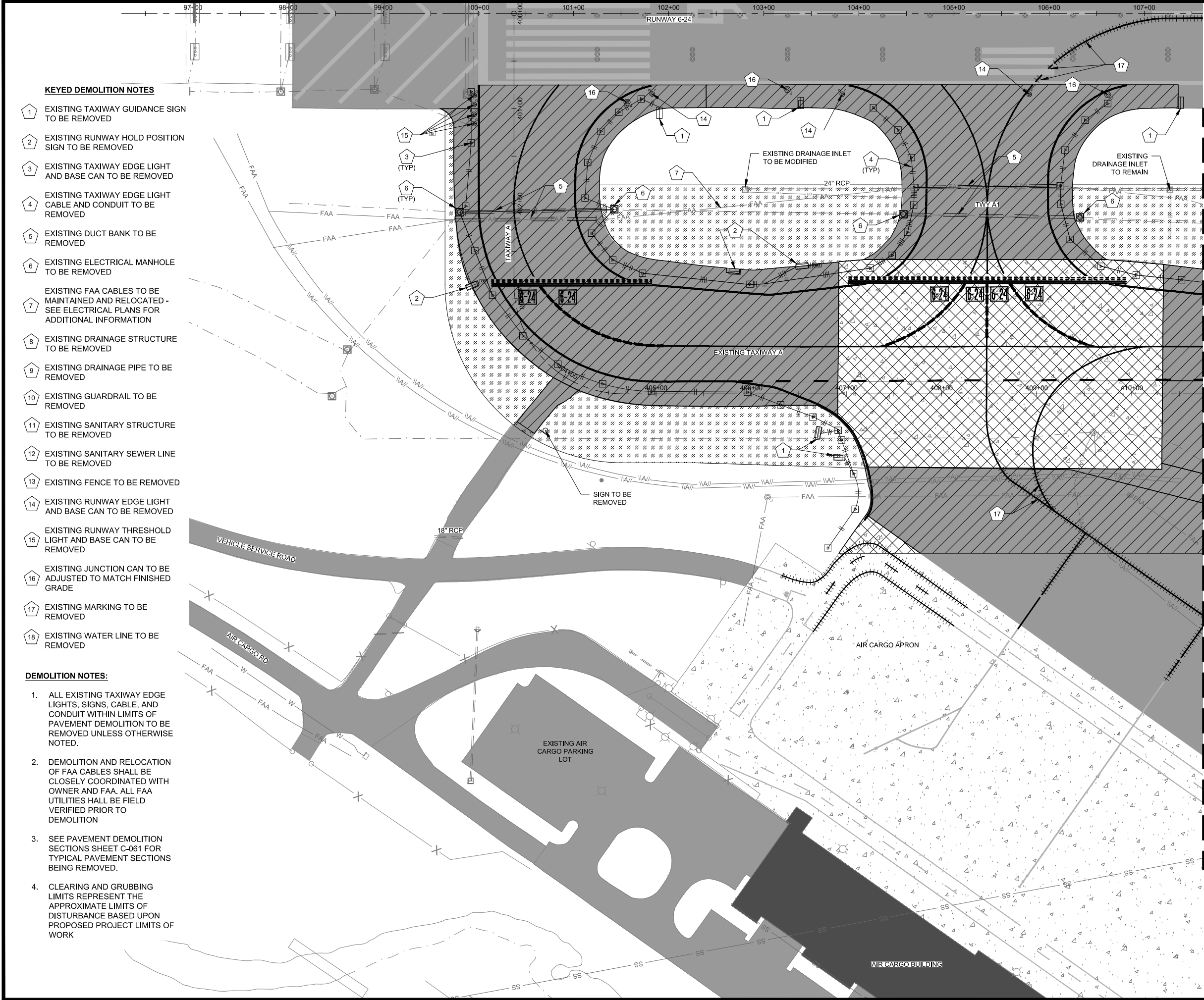
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SHEET CONTENTS
EXISTING CONDITIONS
- SHEET 8

SHEET NO.

C-048



KEYED DEMOLITION NOTES

- 1 EXISTING TAXIWAY GUIDANCE SIGN TO BE REMOVED
- 2 EXISTING RUNWAY HOLD POSITION SIGN TO BE REMOVED
- 3 EXISTING TAXIWAY EDGE LIGHT AND BASE CAN TO BE REMOVED
- 4 EXISTING TAXIWAY EDGE LIGHT CABLE AND CONDUIT TO BE REMOVED
- 5 EXISTING DUCT BANK TO BE REMOVED
- 6 EXISTING ELECTRICAL MANHOLE TO BE REMOVED
- 7 EXISTING FAA CABLES TO BE MAINTAINED AND RELOCATED - SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION
- 8 EXISTING DRAINAGE STRUCTURE TO BE REMOVED
- 9 EXISTING DRAINAGE PIPE TO BE REMOVED
- 10 EXISTING GUARDRAIL TO BE REMOVED
- 11 EXISTING SANITARY STRUCTURE TO BE REMOVED
- 12 EXISTING SANITARY SEWER LINE TO BE REMOVED
- 13 EXISTING FENCE TO BE REMOVED
- 14 EXISTING RUNWAY EDGE LIGHT AND BASE CAN TO BE REMOVED
- 15 EXISTING RUNWAY THRESHOLD LIGHT AND BASE CAN TO BE REMOVED
- 16 EXISTING JUNCTION CAN TO BE ADJUSTED TO MATCH FINISHED GRADE
- 17 EXISTING MARKING TO BE REMOVED
- 18 EXISTING WATER LINE TO BE REMOVED

DEMOLITION NOTES:

1. ALL EXISTING TAXIWAY EDGE LIGHTS, SIGNS, CABLE, AND CONDUIT WITHIN LIMITS OF PAVEMENT DEMOLITION TO BE REMOVED UNLESS OTHERWISE NOTED.
2. DEMOLITION AND RELOCATION OF FAA CABLES SHALL BE CLOSELY COORDINATED WITH OWNER AND FAA. ALL FAA UTILITIES SHALL BE FIELD VERIFIED PRIOR TO DEMOLITION
3. SEE PAVEMENT DEMOLITION SECTIONS SHEET C-061 FOR TYPICAL PAVEMENT SECTIONS BEING REMOVED.
4. CLEARING AND GRUBBING LIMITS REPRESENT THE APPROXIMATE LIMITS OF DISTURBANCE BASED UPON PROPOSED PROJECT LIMITS OF WORK

LEGEND



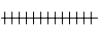
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REMOVAL



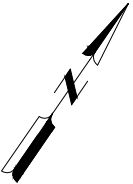
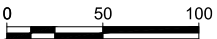
CONCRETE
REMOVAL



CLEARING AND
GRUBBING



MARKING
REMOVAL



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TAXIWAY A - 400' SEPARATION
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5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212**

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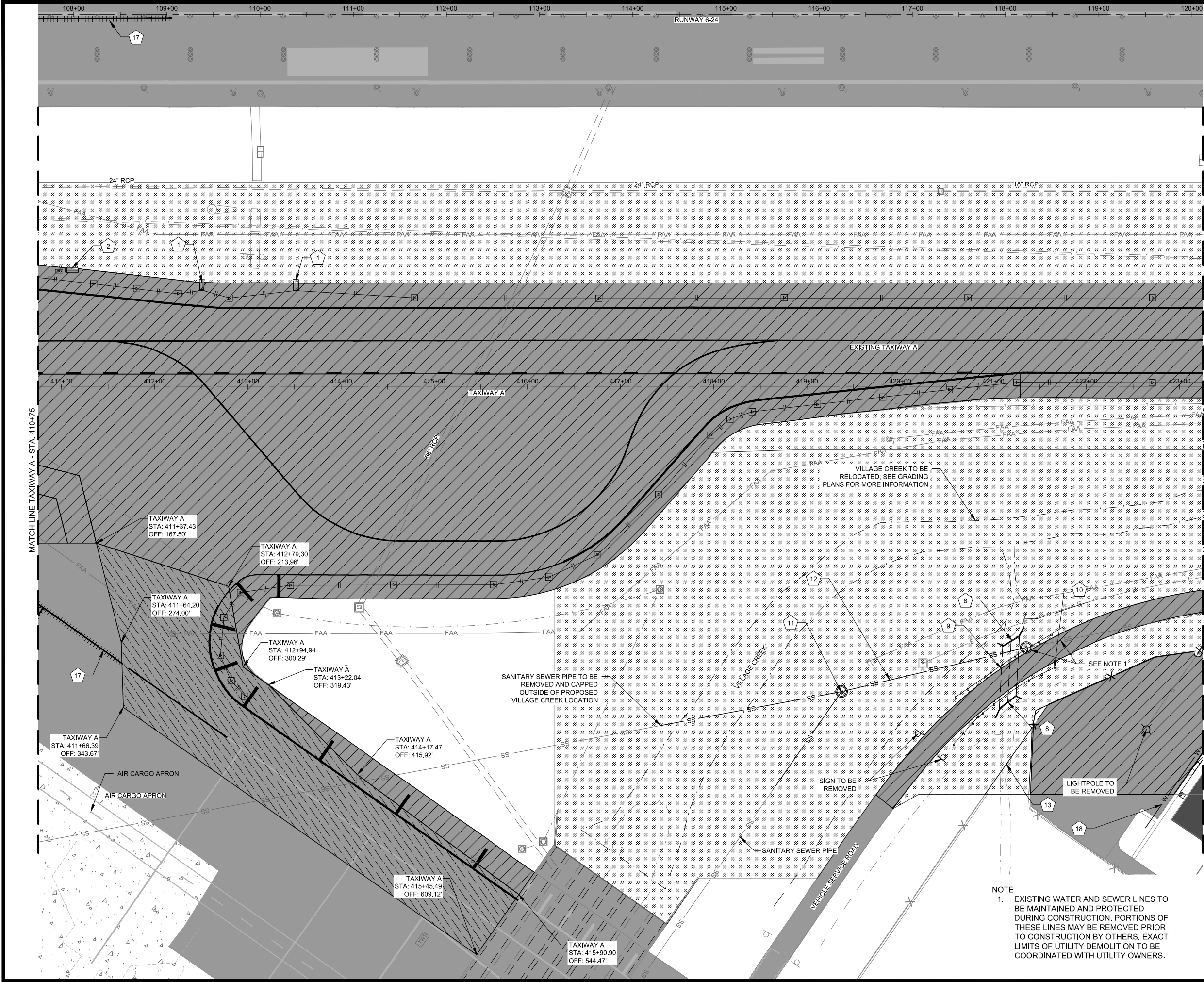
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SHEET CONTENTS

**DEMOLITION PLAN -
SHEET 1**

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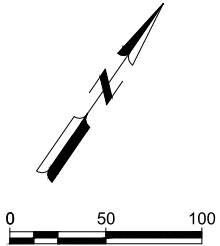
C-051



- LEGEND**
- ASPHALT REMOVAL
 - CONCRETE REMOVAL
 - CLEARING AND GRUBBING
 - MARKING REMOVAL
 - ASPHALT MILLING (VARIABLE DEPTH)

- KEYED DEMOLITION NOTES**
- EXISTING TAXIWAY GUIDANCE SIGN TO BE REMOVED
 - EXISTING RUNWAY HOLD POSITION SIGN TO BE REMOVED
 - EXISTING TAXIWAY EDGE LIGHT AND BASE CAN TO BE REMOVED
 - EXISTING TAXIWAY EDGE LIGHT CABLE AND CONDUIT TO BE REMOVED
 - EXISTING DUCT BANK TO BE REMOVED
 - EXISTING ELECTRICAL MANHOLE TO BE REMOVED
 - EXISTING FAA CABLES TO BE MAINTAINED AND RELOCATED - SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION
 - EXISTING DRAINAGE STRUCTURE TO BE REMOVED
 - EXISTING DRAINAGE PIPE TO BE REMOVED
 - EXISTING GUARDRAIL TO BE REMOVED
 - EXISTING SANITARY STRUCTURE TO BE REMOVED
 - EXISTING SANITARY SEWER LINE TO BE REMOVED
 - EXISTING FENCE TO BE REMOVED
 - EXISTING RUNWAY EDGE LIGHT AND BASE CAN TO BE REMOVED
 - EXISTING RUNWAY THRESHOLD LIGHT AND BASE CAN TO BE REMOVED
 - EXISTING JUNCTION CAN TO BE ADJUSTED TO MATCH FINISHED GRADE
 - EXISTING MARKING TO BE REMOVED
 - EXISTING WATER LINE TO BE REMOVED

NOTE 1. EXISTING WATER AND SEWER LINES TO BE MAINTAINED AND PROTECTED DURING CONSTRUCTION. PORTIONS OF THESE LINES MAY BE REMOVED PRIOR TO CONSTRUCTION BY OTHERS. EXACT LIMITS OF UTILITY DEMOLITION TO BE COORDINATED WITH UTILITY OWNERS.



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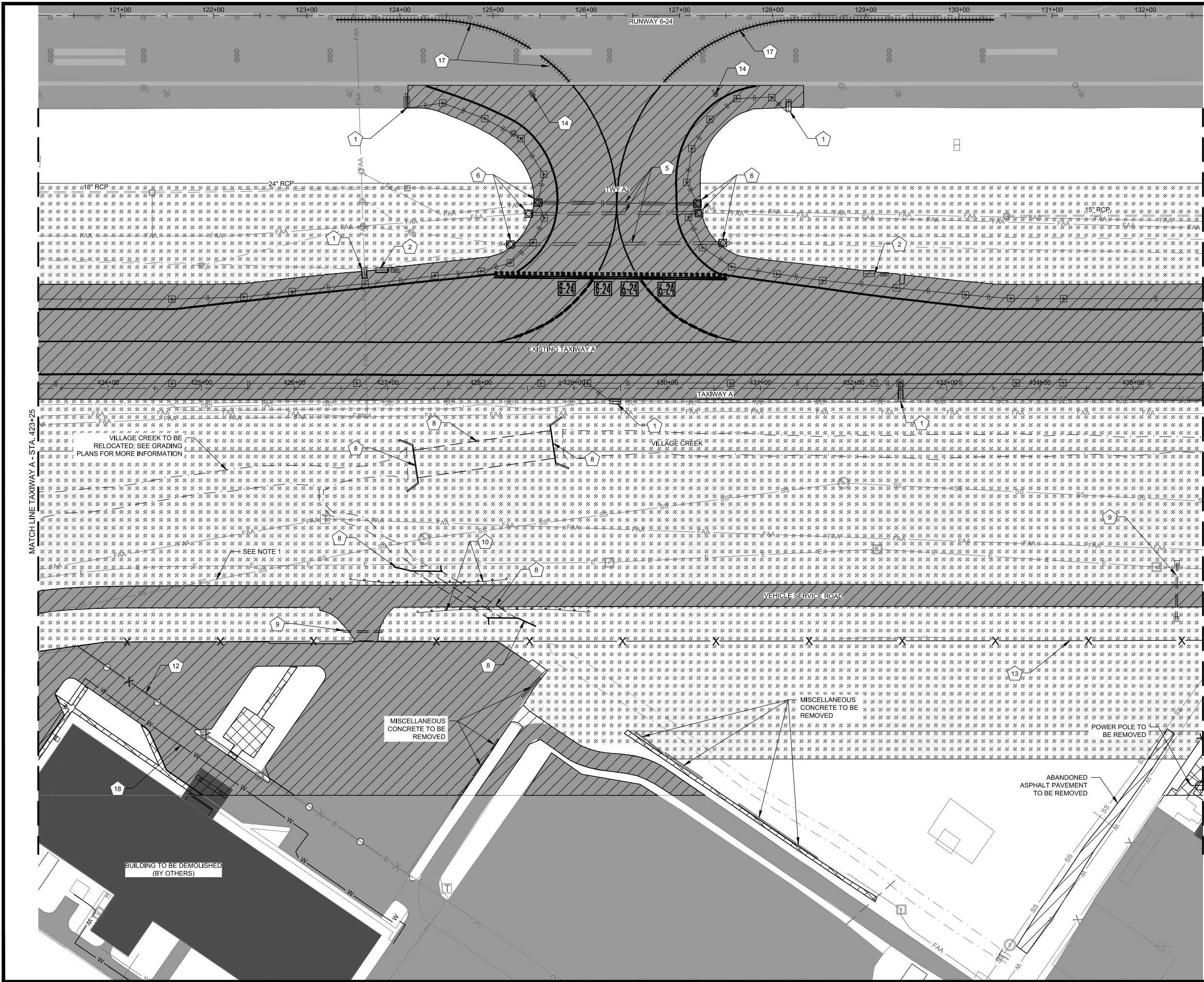
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**SHEET CONTENTS
DEMOLITION PLAN - SHEET 2**

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C-052

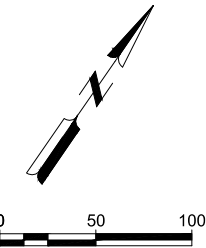


- LEGEND**
- ASPHALT REMOVAL
 - CONCRETE REMOVAL
 - CLEARING AND GRUBBING
 - MARKING REMOVAL

KEYED DEMOLITION NOTES

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NOTE 1. EXISTING WATER AND SEWER LINES TO BE MAINTAINED AND PROTECTED DURING CONSTRUCTION. PORTIONS OF THESE LINES MAY BE REMOVED PRIOR TO CONSTRUCTION BY OTHERS. EXACT LIMITS OF UTILITY DEMOLITION TO BE COORDINATED WITH UTILITY OWNERS.



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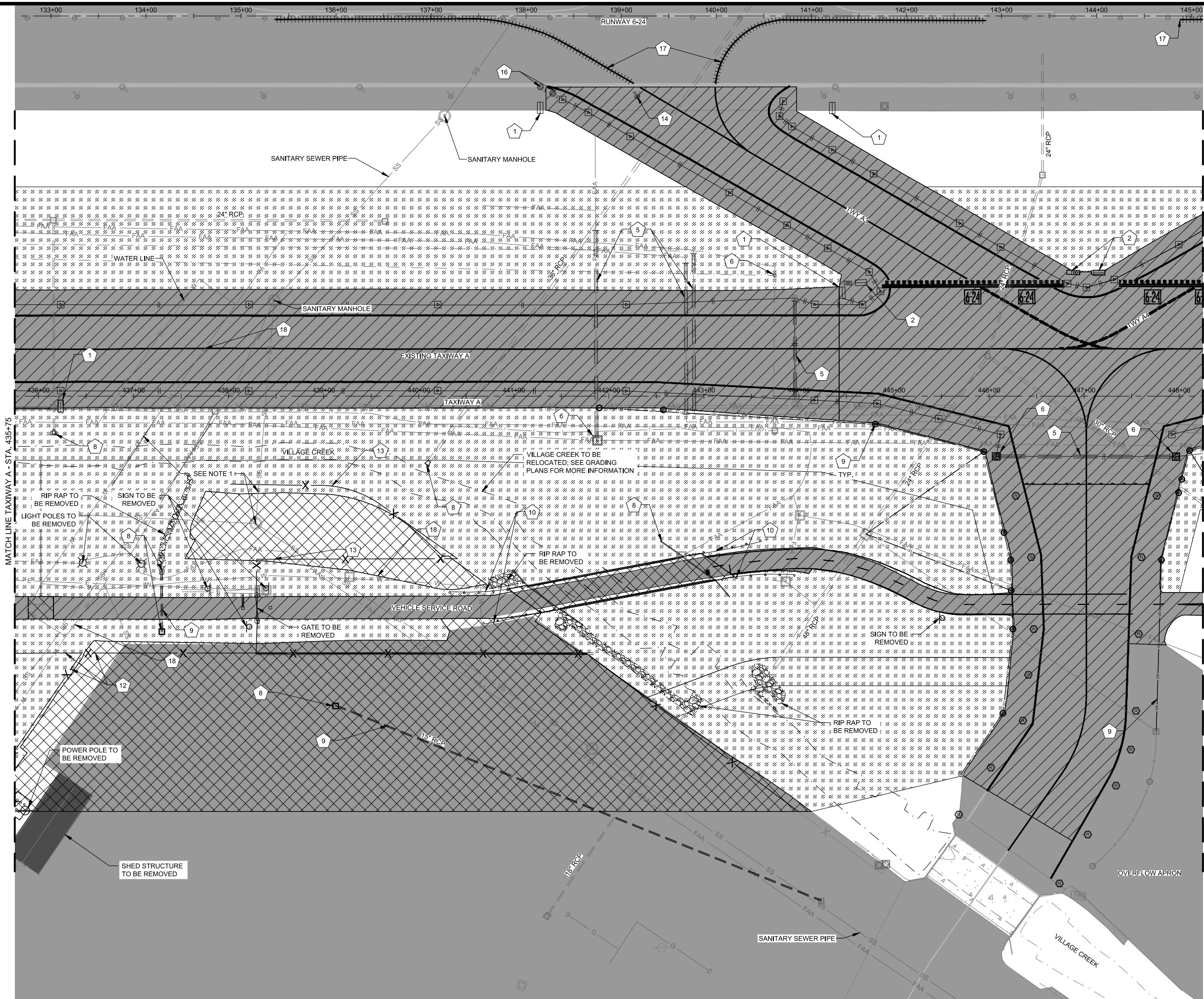
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**SHEET CONTENTS
DEMOLITION PLAN - SHEET 3**

SHEET NO.

C-053



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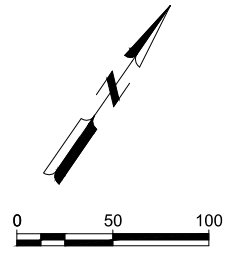
- ASPHALT REMOVAL
- CONCRETE REMOVAL
- CLEARING AND GRUBBING
- MARKING REMOVAL

KEYED DEMOLITION NOTES

- EXISTING TAXIWAY GUIDANCE SIGN TO BE REMOVED
- EXISTING RUNWAY HOLD POSITION SIGN TO BE REMOVED
- EXISTING TAXIWAY EDGE LIGHT AND BASE CAN TO BE REMOVED
- EXISTING TAXIWAY EDGE LIGHT CABLE AND CONDUIT TO BE REMOVED
- EXISTING DUCT BANK TO BE REMOVED
- EXISTING ELECTRICAL MANHOLE TO BE REMOVED
- EXISTING FAA CABLES TO BE MAINTAINED AND RELOCATED - SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION
- EXISTING DRAINAGE STRUCTURE TO BE REMOVED
- EXISTING DRAINAGE PIPE TO BE REMOVED
- EXISTING GUARDRAIL TO BE REMOVED
- EXISTING SANITARY STRUCTURE TO BE REMOVED
- EXISTING SANITARY SEWER LINE TO BE REMOVED
- EXISTING FENCE TO BE REMOVED
- EXISTING RUNWAY EDGE LIGHT AND BASE CAN TO BE REMOVED
- EXISTING RUNWAY THRESHOLD LIGHT AND BASE CAN TO BE REMOVED
- EXISTING JUNCTION CAN TO BE ADJUSTED TO MATCH FINISHED GRADE
- EXISTING MARKING TO BE REMOVED
- EXISTING WATER LINE TO BE REMOVED

NOTE

1. EXISTING WATER AND SEWER LINES TO BE MAINTAINED AND PROTECTED DURING CONSTRUCTION. PORTIONS OF THESE LINES MAY BE REMOVED PRIOR TO CONSTRUCTION BY OTHERS. EXACT LIMITS OF UTILITY DEMOLITION TO BE COORDINATED WITH UTILITY OWNERS.



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BIRMINGHAM-SHUTTLESWORTH INTERNATIONAL AIRPORT

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**BIRMINGHAM-SHUTTLESWORTH INTERNATIONAL AIRPORT
TAXIWAY A - 400' SEPARATION AND
VILLAGE CREEK RELOCATION
5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212**

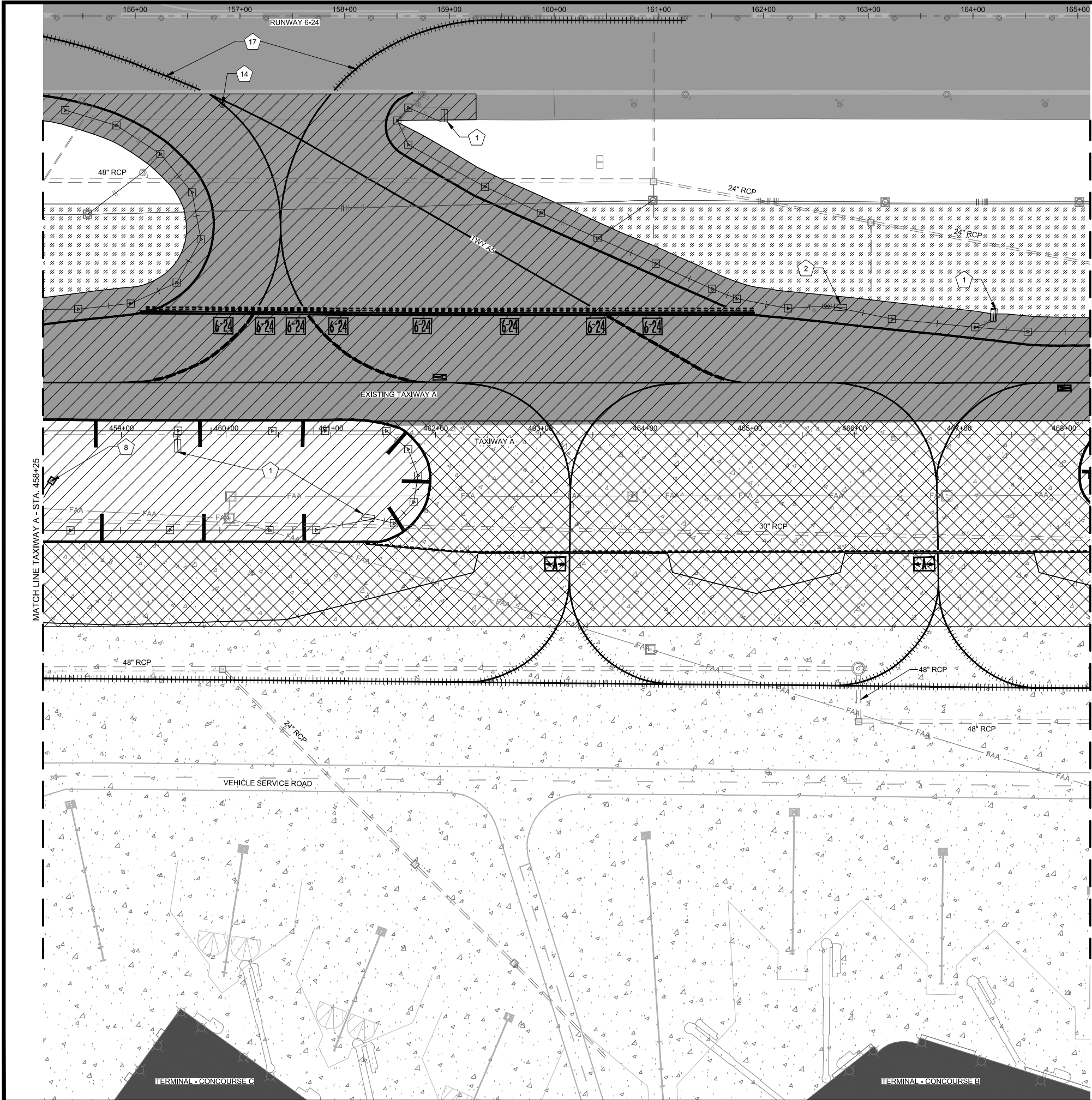
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**SHEET CONTENTS
DEMOLITION PLAN - SHEET 4**



LEGEND



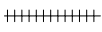
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REMOVAL



CONCRETE
REMOVAL



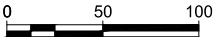
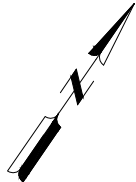
CLEARING AND
GRUBBING



MARKING
REMOVAL

KEYED DEMOLITION NOTES

- 1 EXISTING TAXIWAY GUIDANCE SIGN TO BE REMOVED
- 2 EXISTING RUNWAY HOLD POSITION SIGN TO BE REMOVED
- 3 EXISTING TAXIWAY EDGE LIGHT AND BASE CAN TO BE REMOVED
- 4 EXISTING TAXIWAY EDGE LIGHT CABLE AND CONDUIT TO BE REMOVED
- 5 EXISTING DUCT BANK TO BE REMOVED
- 6 EXISTING ELECTRICAL MANHOLE TO BE REMOVED
- 7 EXISTING FAA CABLES TO BE MAINTAINED AND RELOCATED - SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION
- 8 EXISTING DRAINAGE STRUCTURE TO BE REMOVED
- 9 EXISTING DRAINAGE PIPE TO BE REMOVED
- 10 EXISTING GUARDRAIL TO BE REMOVED
- 11 EXISTING SANITARY STRUCTURE TO BE REMOVED
- 12 EXISTING SANITARY SEWER LINE TO BE REMOVED
- 13 EXISTING FENCE TO BE REMOVED
- 14 EXISTING RUNWAY EDGE LIGHT AND BASE CAN TO BE REMOVED
- 15 EXISTING RUNWAY THRESHOLD LIGHT AND BASE CAN TO BE REMOVED
- 16 EXISTING JUNCTION CAN TO BE ADJUSTED TO MATCH FINISHED GRADE
- 17 EXISTING MARKING TO BE REMOVED
- 18 EXISTING WATER LINE TO BE REMOVED



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TAXIWAY A - 400' SEPARATION AND
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5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212

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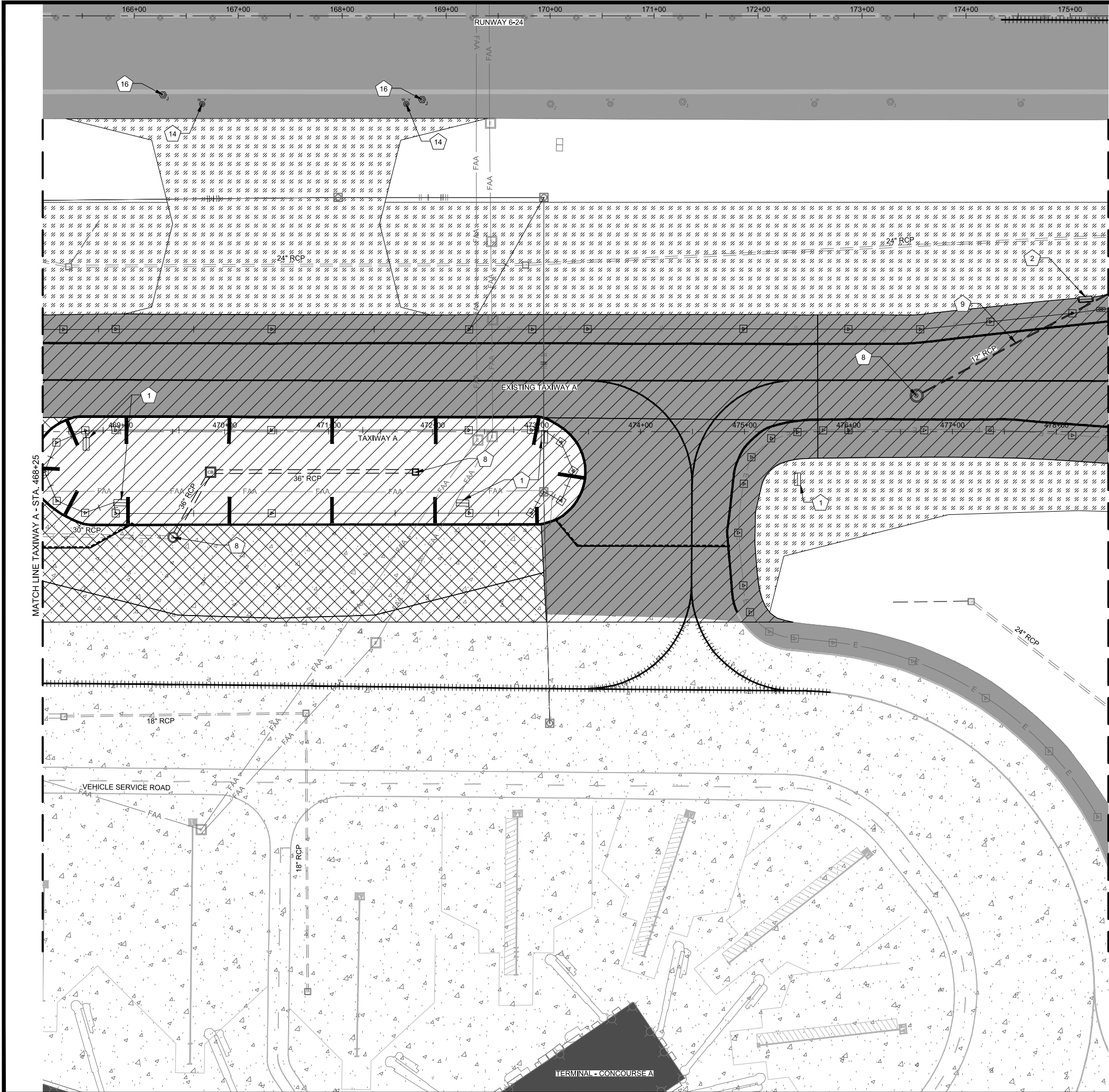
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SHEET CONTENTS
DEMOLITION PLAN -
SHEET 6

SHEET NO.

C-056



LEGEND



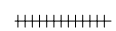
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REMOVAL



CONCRETE
REMOVAL



CLEARING AND
GRUBBING



MARKING
REMOVAL

KEYED DEMOLITION NOTES

- EXISTING TAXIWAY GUIDANCE SIGN TO BE REMOVED
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- EXISTING WATER LINE TO BE REMOVED

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5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212**

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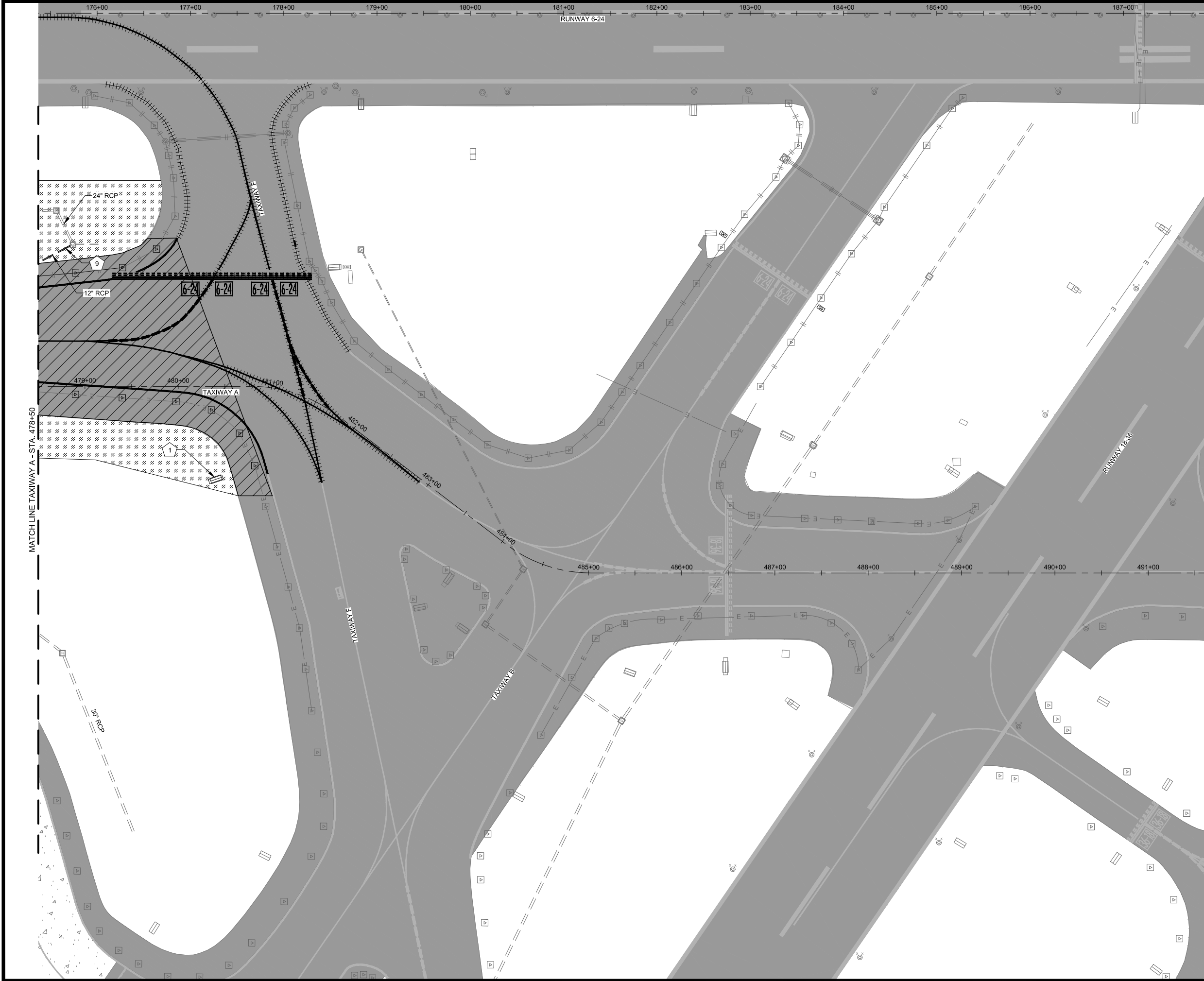
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SHEET CONTENTS
DEMOLITION PLAN -
SHEET 7

SHEET NO.

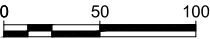
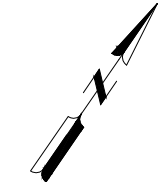
C-057



- LEGEND**
- ASPHALT REMOVAL
 - CONCRETE REMOVAL
 - CLEARING AND GRUBBING
 - MARKING REMOVAL

KEYED DEMOLITION NOTES

- 1 EXISTING TAXIWAY GUIDANCE SIGN TO BE REMOVED
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- 3 EXISTING TAXIWAY EDGE LIGHT AND BASE CAN TO BE REMOVED
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- 18 EXISTING WATER LINE TO BE REMOVED



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TAXIWAY A - 400' SEPARATION AND VILLAGE CREEK RELOCATION
5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212**

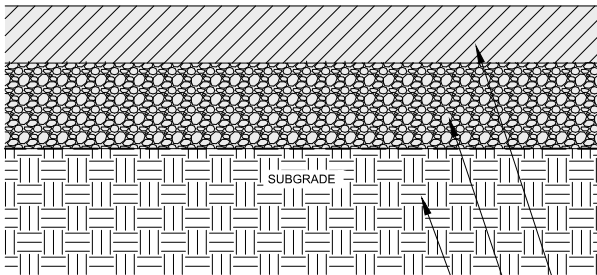
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**SHEET CONTENTS
DEMOLITION PLAN - SHEET 8**

C-058



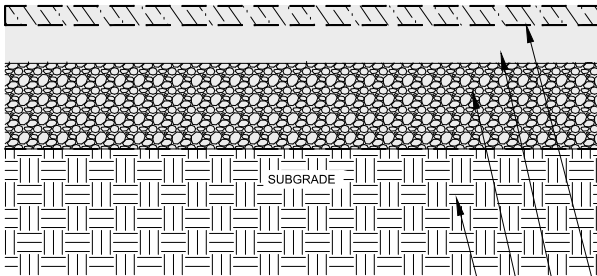
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REMOVAL

12.3" - 49.4" (APPROX.) DENSE AGGREGATE BASE
REMOVAL

(E) SUBGRADE MATERIAL

DEMOLITION SECTION
FULL - DEPTH ASPHALT REMOVAL

1
NOT TO SCALE



VARIABLE DEPTH MILLING

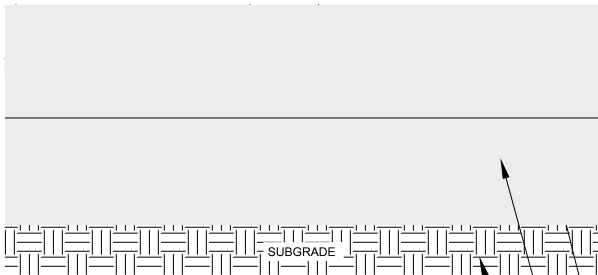
10.5" - 15.5" (APPROX.) ASPHALT PAVEMENT

12.3" - 49.4" (APPROX.) DENSE AGGREGATE BASE

(E) SUBGRADE MATERIAL

DEMOLITION SECTION
VARIABLE ASPHALT MILLING SECTION

3
NOT TO SCALE



21" (APPROX.) FULL DEPTH CONCRETE PAVEMENT
TO BE REMOVED

12.3" - 49.4" (APPROX.) DENSE AGGREGATE BASE
REMOVAL

(E) SUBGRADE MATERIAL

DEMOLITION SECTION
FULL - DEPTH CONCRETE REMOVAL

2
NOT TO SCALE

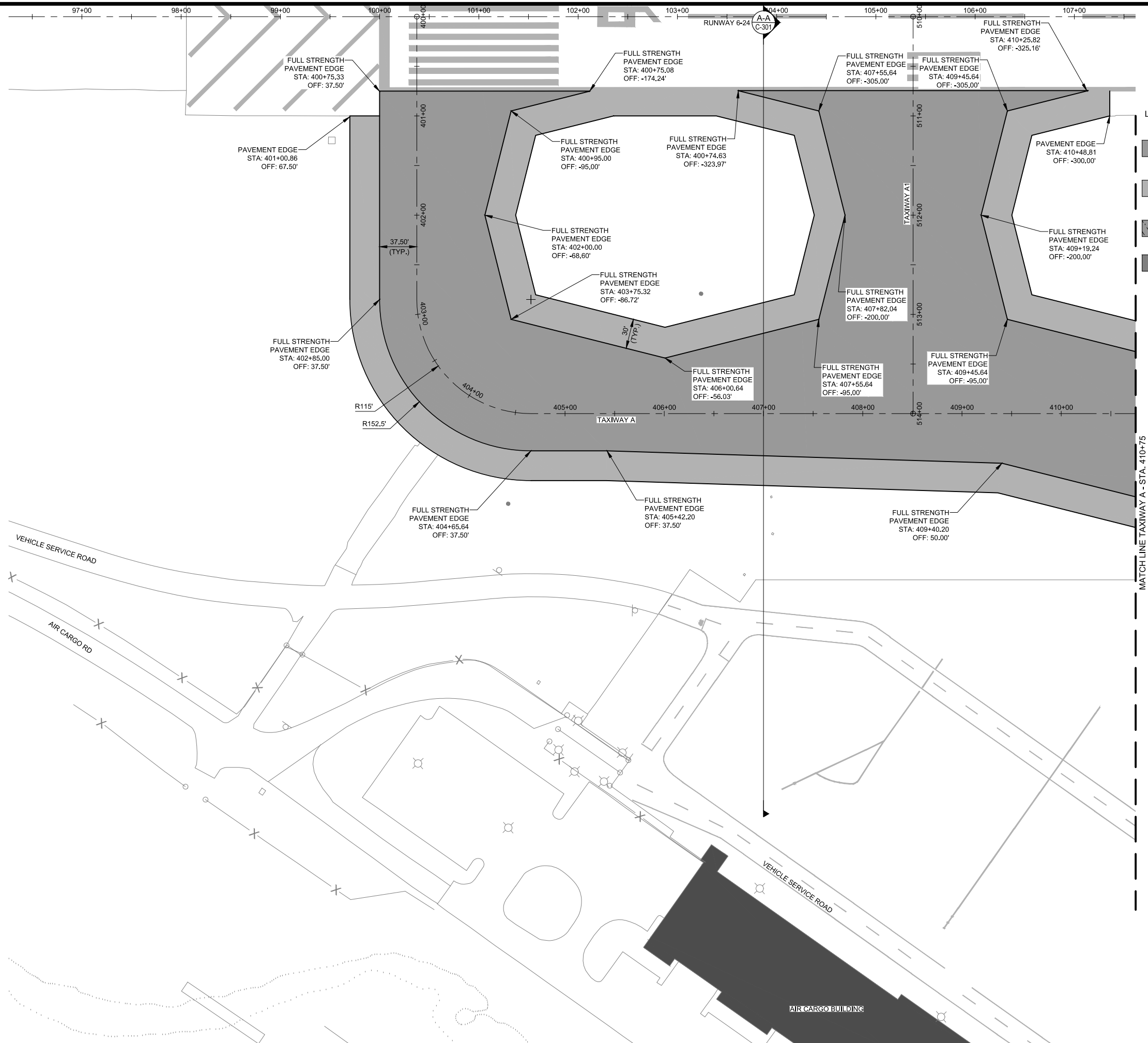
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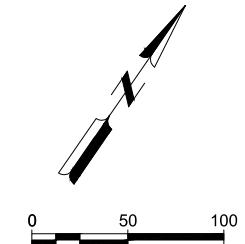
SHEET CONTENTS
PAVEMENT DEMOLITON
DETAILS

SHEET NO.



- LEGEND:
- ASPHALT FULL STRENGTH PAVEMENT
 - ASPHALT SHOULDER PAVEMENT
 - VARIABLE DEPTH MILLING (2" ASPHALT OVERLAY)
 - VSR ASPHALT PAVEMENT

NOTE:
SEE SHEETS C-301 AND C-302 FOR PAVEMENT TYPICAL SECTIONS



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5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212

ISSUED

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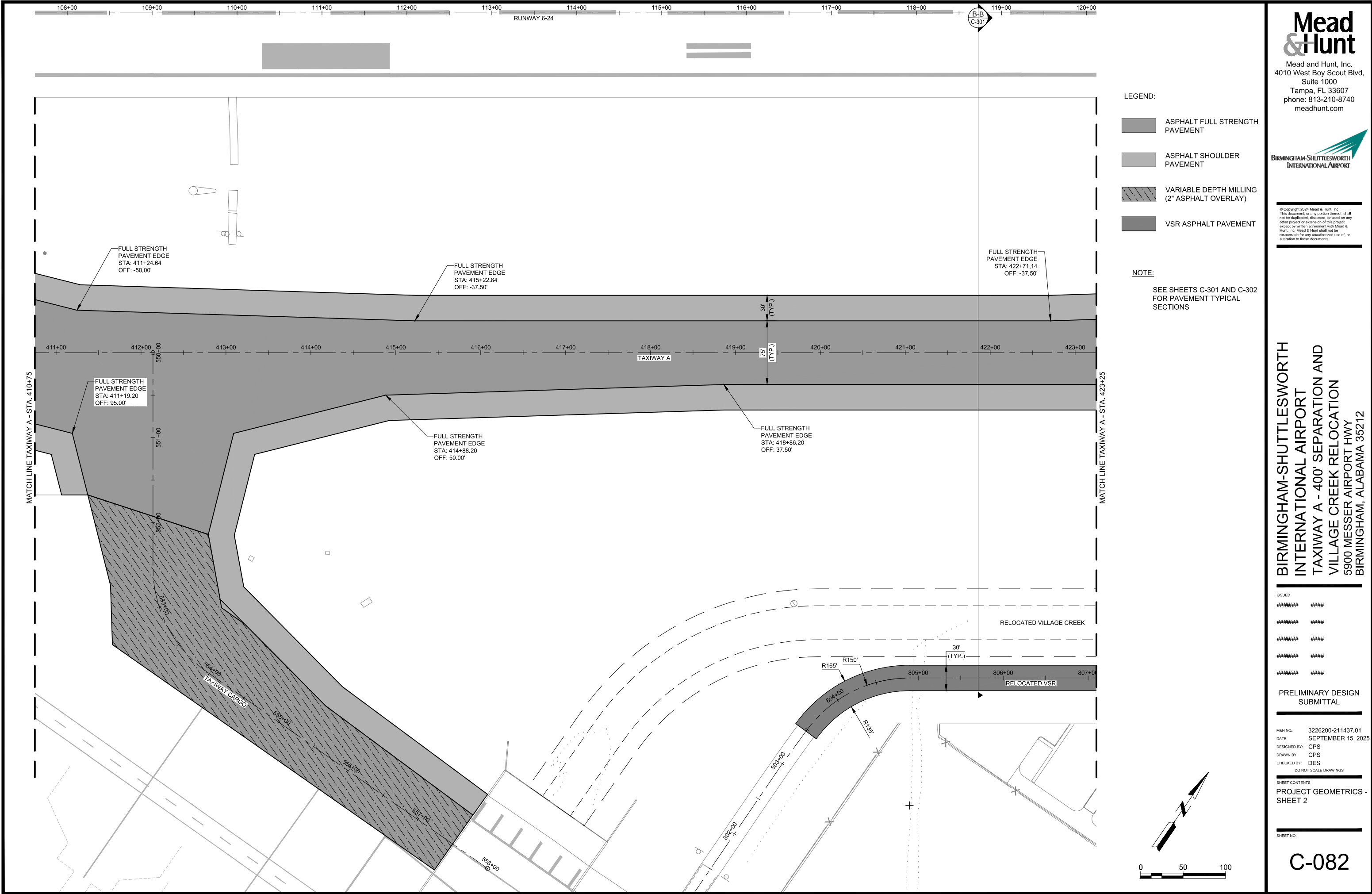
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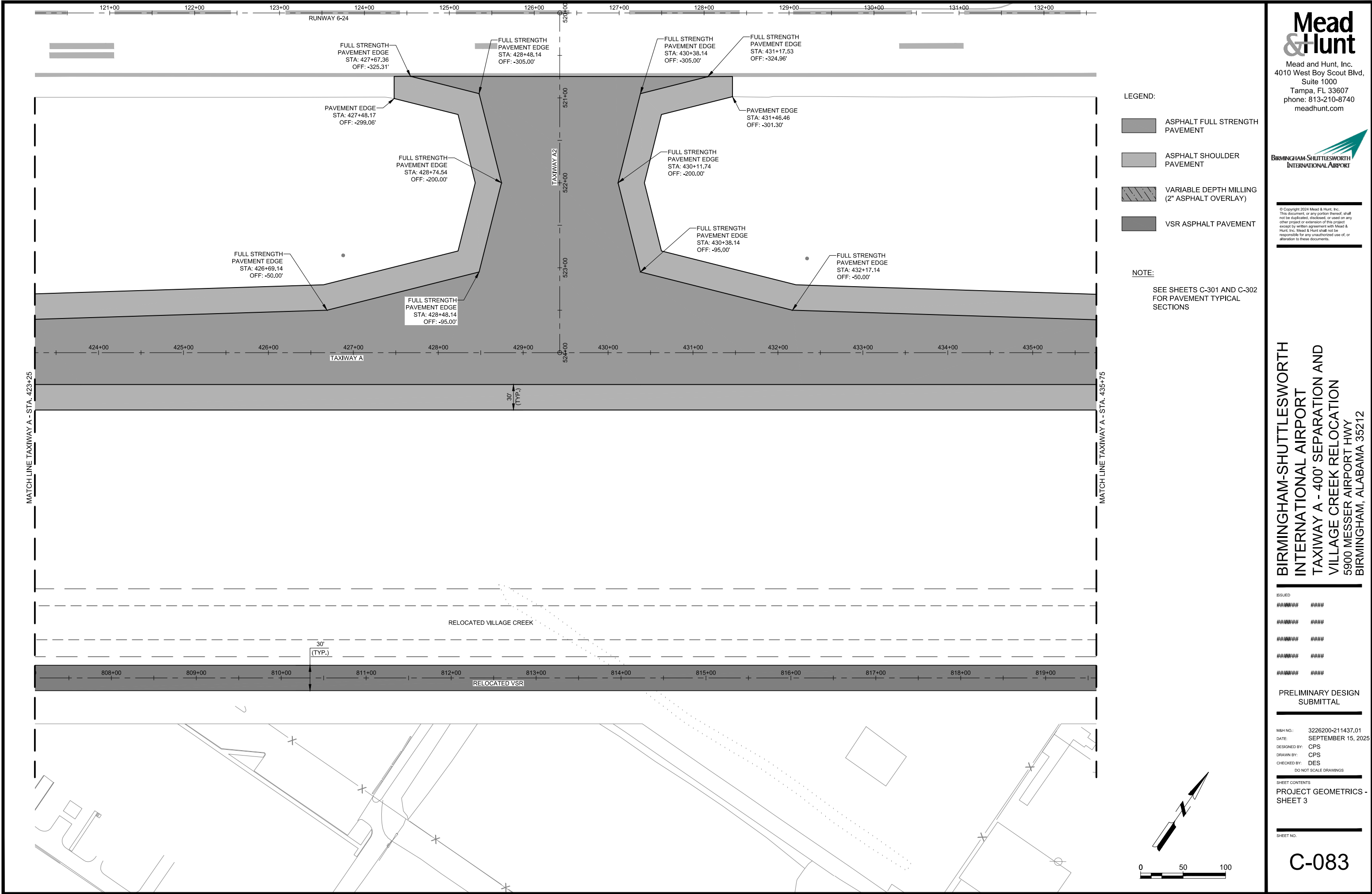
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SHEET CONTENTS
PROJECT GEOMETRICS -
SHEET 1

SHEET NO.

C-081





- LEGEND:
- ASPHALT FULL STRENGTH PAVEMENT
 - ASPHALT SHOULDER PAVEMENT
 - VARIABLE DEPTH MILLING (2" ASPHALT OVERLAY)
 - VSR ASPHALT PAVEMENT

NOTE:
SEE SHEETS C-301 AND C-302
FOR PAVEMENT TYPICAL
SECTIONS

**BIRMINGHAM-SHUTTLESWORTH
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BIRMINGHAM, ALABAMA 35212**

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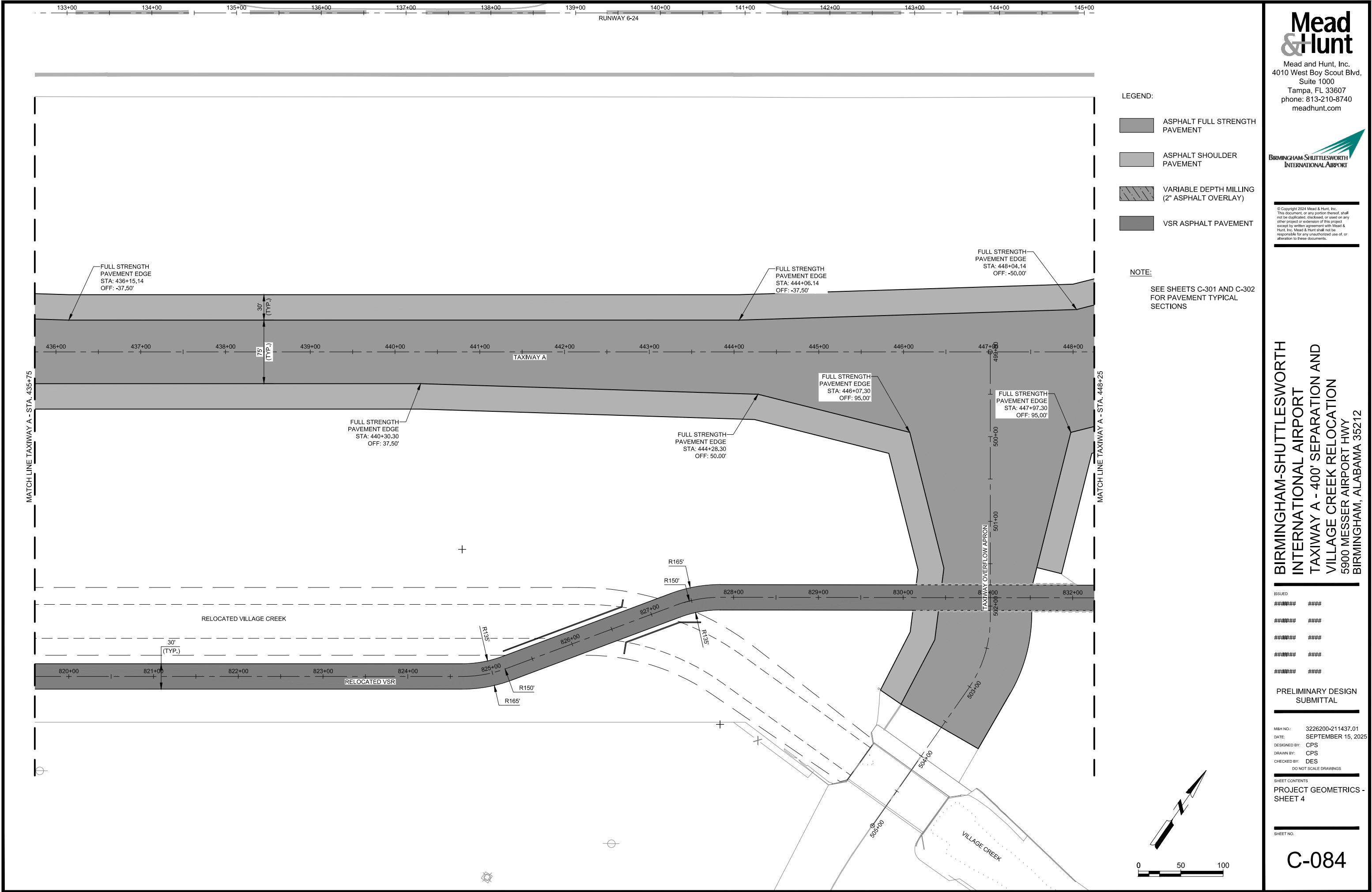
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SHEET CONTENTS
PROJECT GEOMETRICS -
SHEET 3

SHEET NO.

C-083



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- LEGEND:
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 - ASPHALT SHOULDER PAVEMENT
 - VARIABLE DEPTH MILLING (2" ASPHALT OVERLAY)
 - VSR ASPHALT PAVEMENT

NOTE:
SEE SHEETS C-301 AND C-302 FOR PAVEMENT TYPICAL SECTIONS

BIRMINGHAM-SHUTTLESWORTH
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5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212

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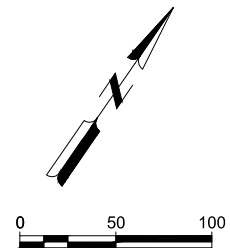
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SHEET CONTENTS
PROJECT GEOMETRICS -
SHEET 4

SHEET NO.

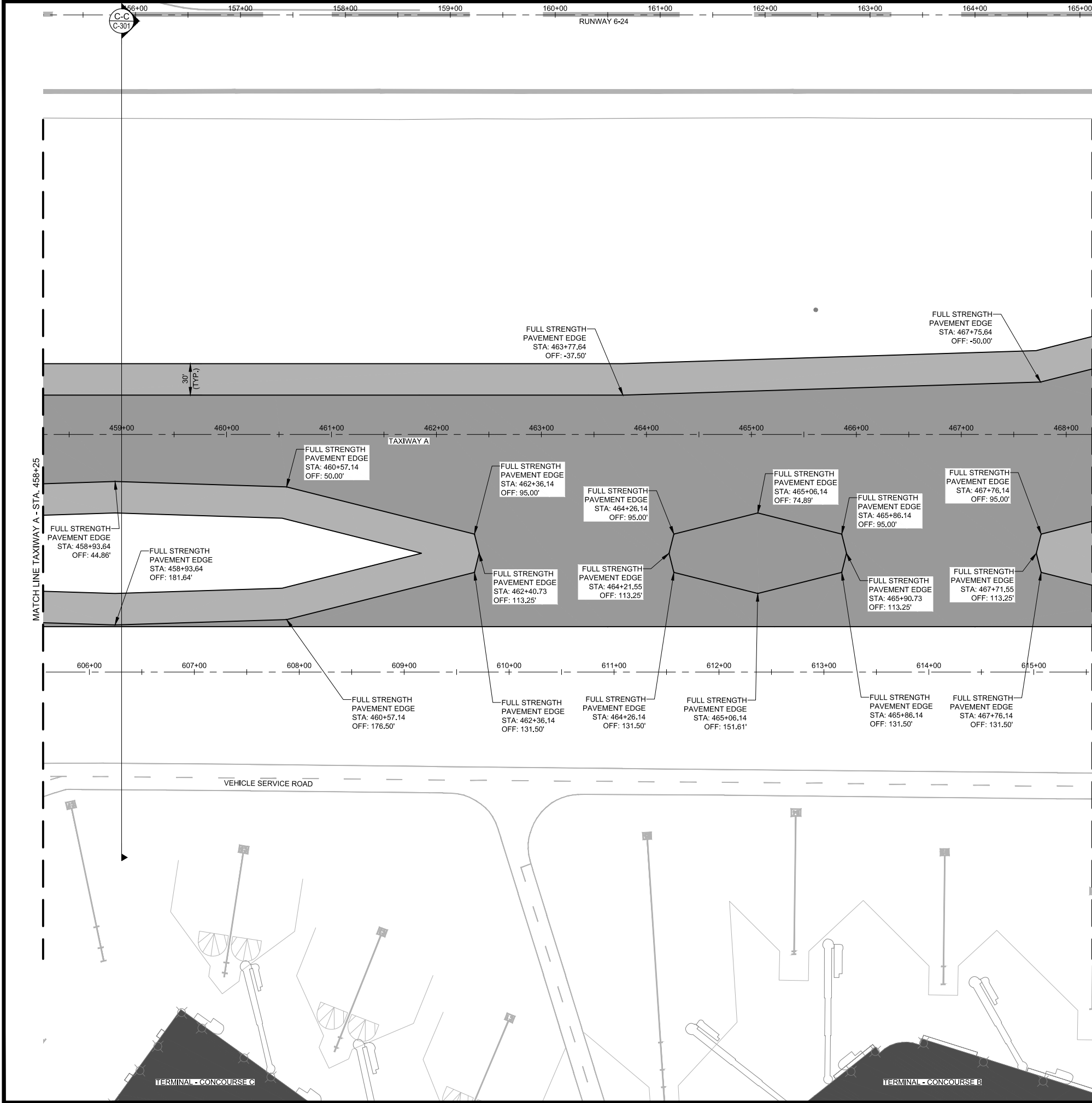
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SEE SHEETS C-301 AND C-302
FOR PAVEMENT TYPICAL
SECTIONS

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LEGEND:

- ASPHALT FULL STRENGTH PAVEMENT
- ASPHALT SHOULDER PAVEMENT
- VARIABLE DEPTH MILLING (2" ASPHALT OVERLAY)
- VSR ASPHALT PAVEMENT

NOTE:

SEE SHEETS C-301 AND C-302 FOR PAVEMENT TYPICAL SECTIONS

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BIRMINGHAM, ALABAMA 35212

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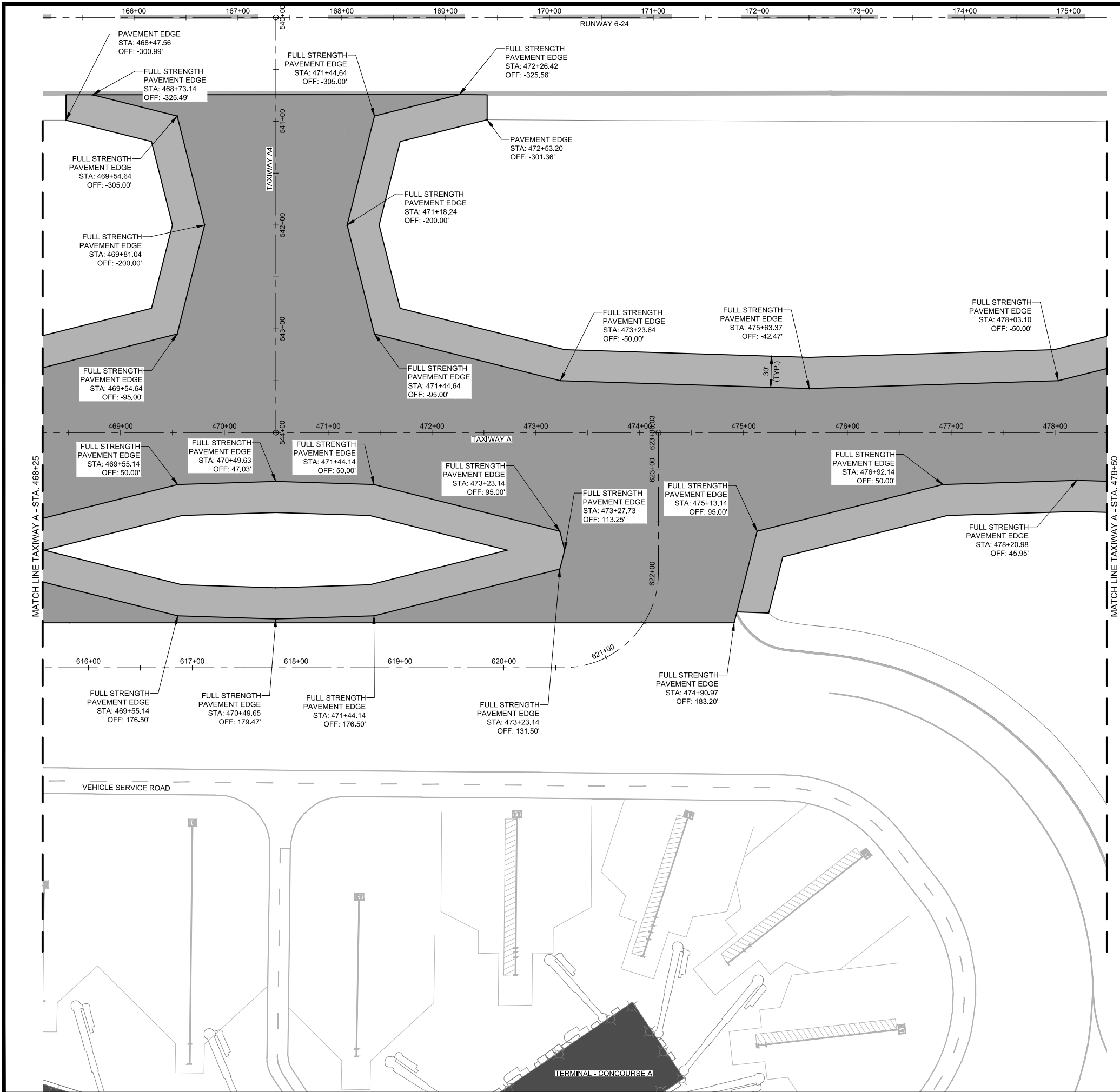
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SHEET CONTENTS
PROJECT
GEOMETRICS - SHEET
6

SHEET NO.

C-086

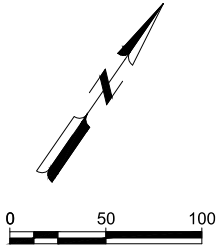


LEGEND:

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- ASPHALT SHOULDER PAVEMENT
- VARIABLE DEPTH MILLING (2" ASPHALT OVERLAY)
- VSR ASPHALT PAVEMENT

NOTE:

SEE SHEETS C-301 AND C-302 FOR PAVEMENT TYPICAL SECTIONS



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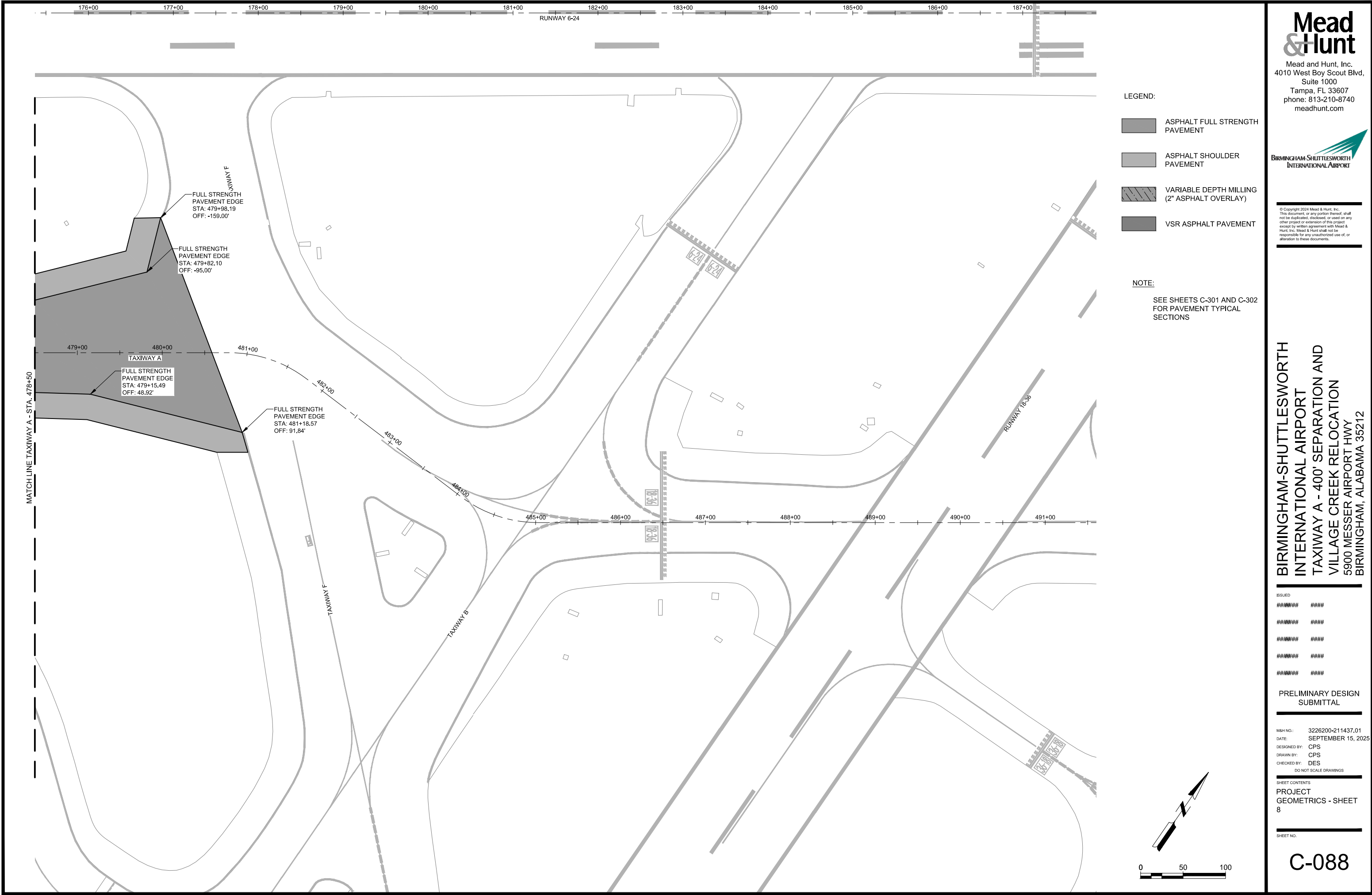
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SHEET CONTENTS		
PROJECT GEOMETRICS - SHEET 7		
SHEET NO.		



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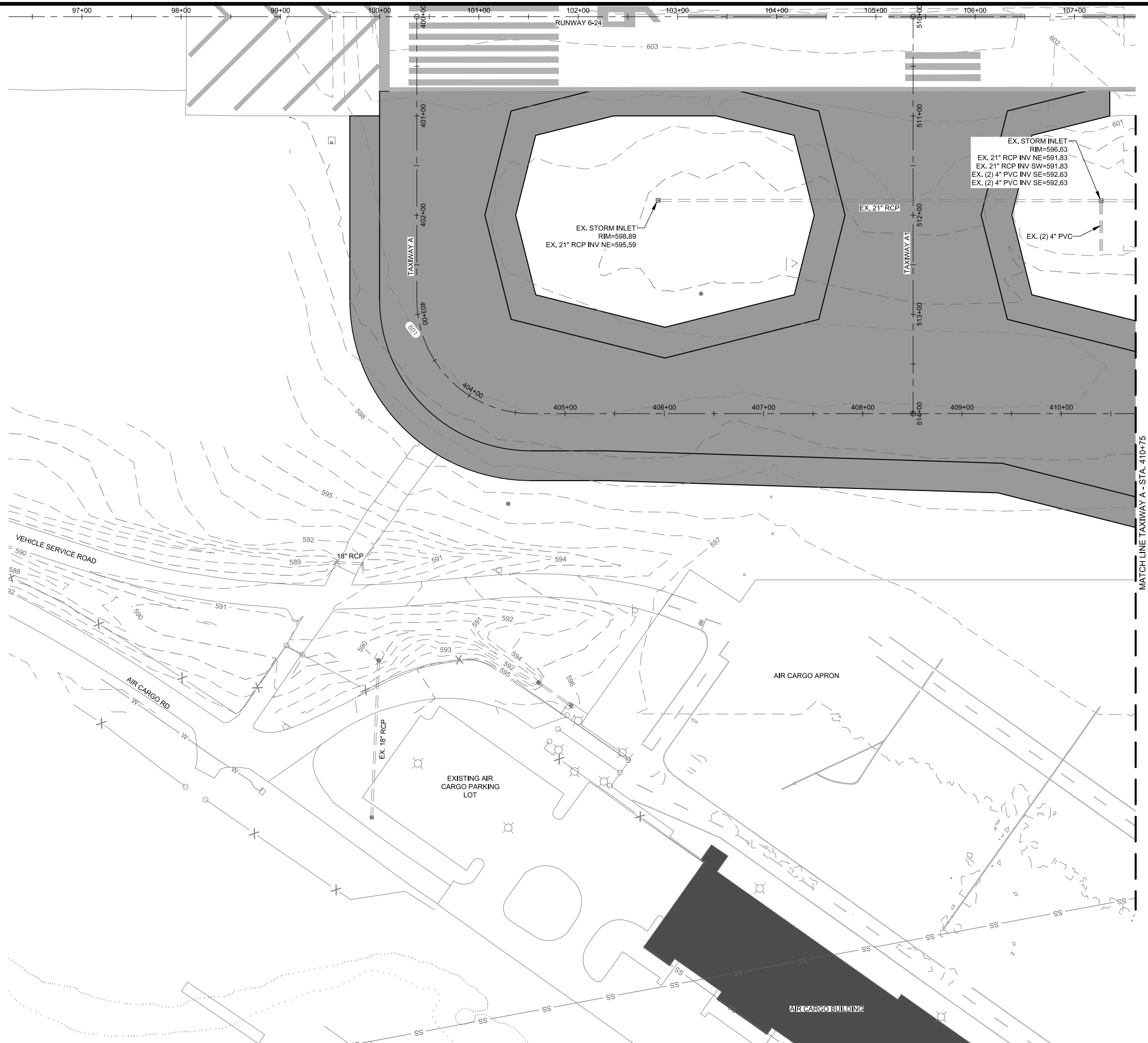
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SHEET CONTENTS
PROJECT
GEOMETRICS - SHEET
8

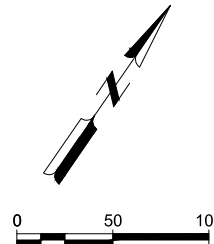
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C-088



NOTE

1. EXISTING WATER AND SEWER LINES TO BE MAINTAINED AND PROTECTED DURING CONSTRUCTION. PORTIONS OF THESE LINES MAY BE REMOVED PRIOR TO CONSTRUCTION BY OTHERS. EXACT LIMITS OF UTILITY DEMOLITION AND/OR RELOCATION TO BE COORDINATED WITH UTILITY OWNERS.



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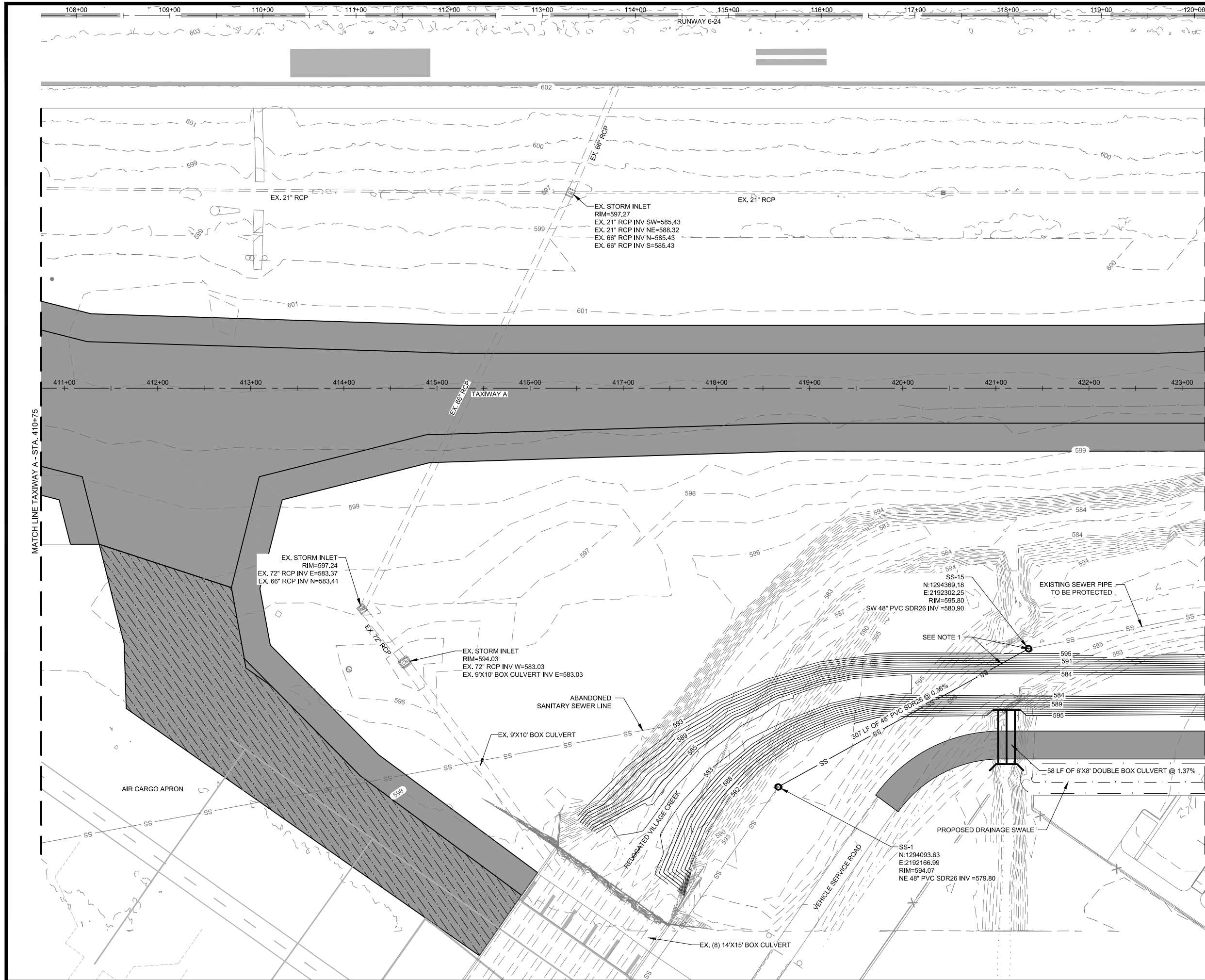
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SHEET CONTENTS
DRAINAGE AND UTILITY
PLANS- SHEET 1

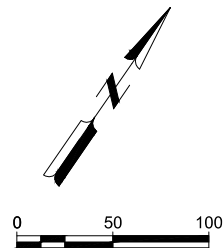
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C-101



NOTE

1. EXISTING WATER AND SEWER LINES TO BE MAINTAINED AND PROTECTED DURING CONSTRUCTION. PORTIONS OF THESE LINES MAY BE REMOVED PRIOR TO CONSTRUCTION BY OTHERS. EXACT LIMITS OF UTILITY DEMOLITION AND/OR RELOCATION TO BE COORDINATED WITH UTILITY OWNERS.



**BIRMINGHAM-SHUTTLESWORTH
INTERNATIONAL AIRPORT
TAXIWAY A - 400' SEPARATION AND
VILLAGE CREEK RELOCATION
5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212**

ISSUED
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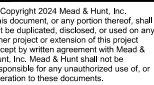
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SHEET CONTENTS
DRAINAGE AND UTILITY
PLANS - SHEET 2

SHEET NO.

C-102



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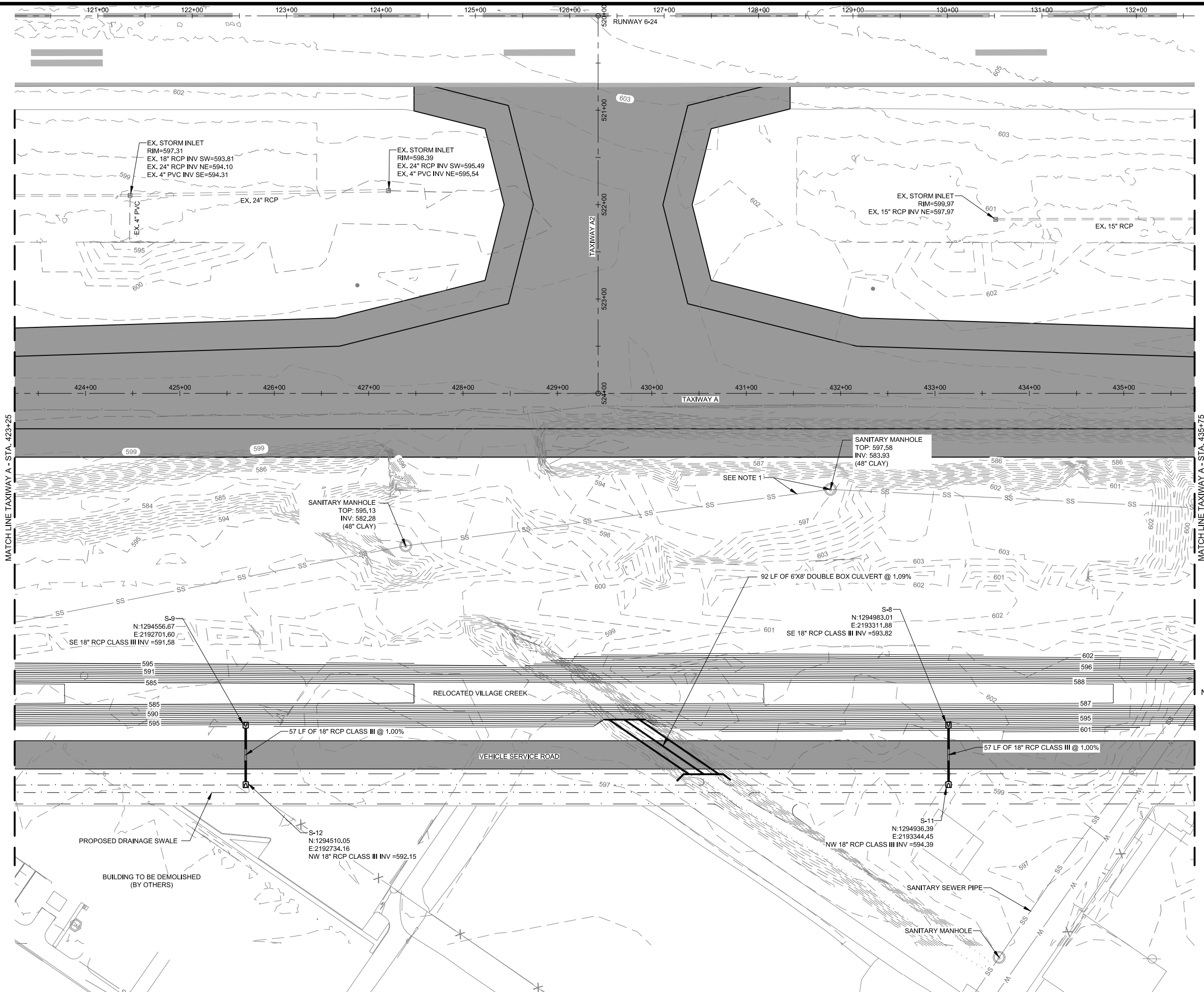
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RAINAGE AND UTILITY
PLANS - SHEET 3

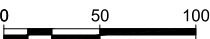
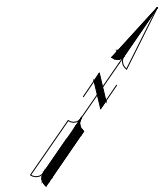
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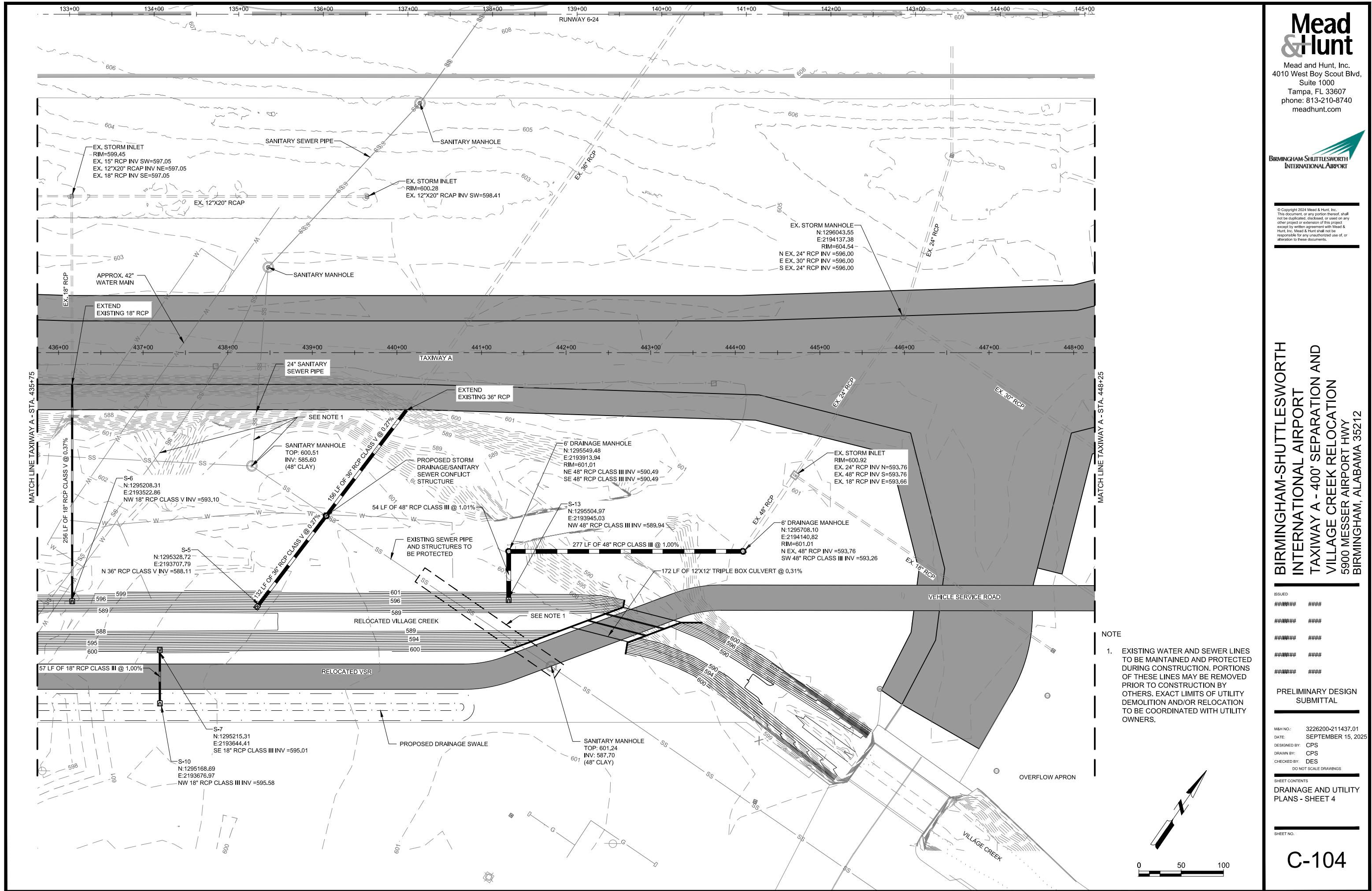
C-103



NOTE

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VILLAGE CREEK RELOCATION
5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212**

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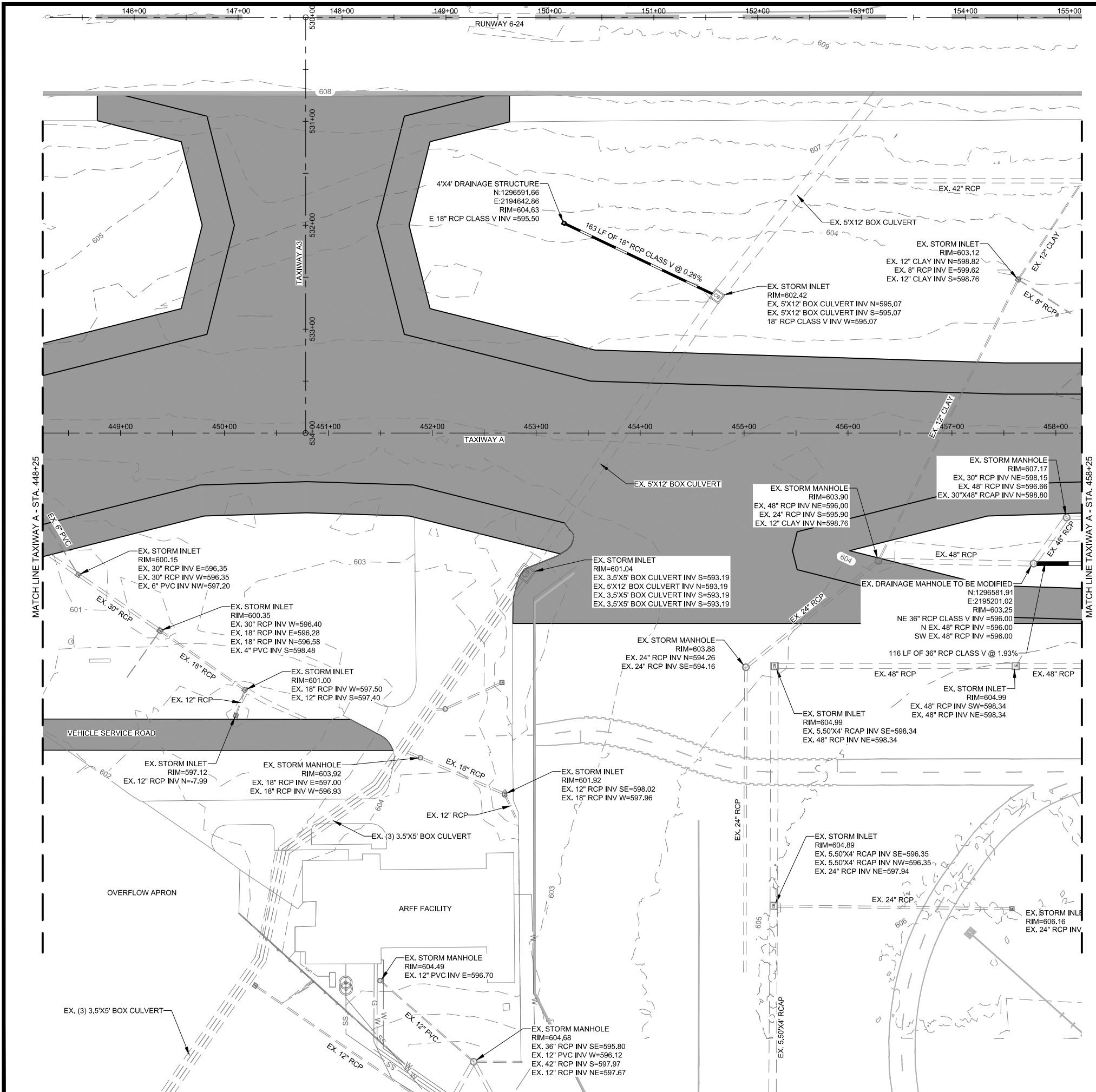
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**SHEET CONTENTS
DRAINAGE AND UTILITY
PLANS - SHEET 4**

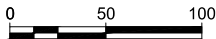
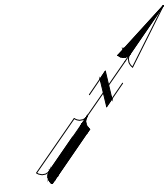
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NOTE

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5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212**

ISSUED

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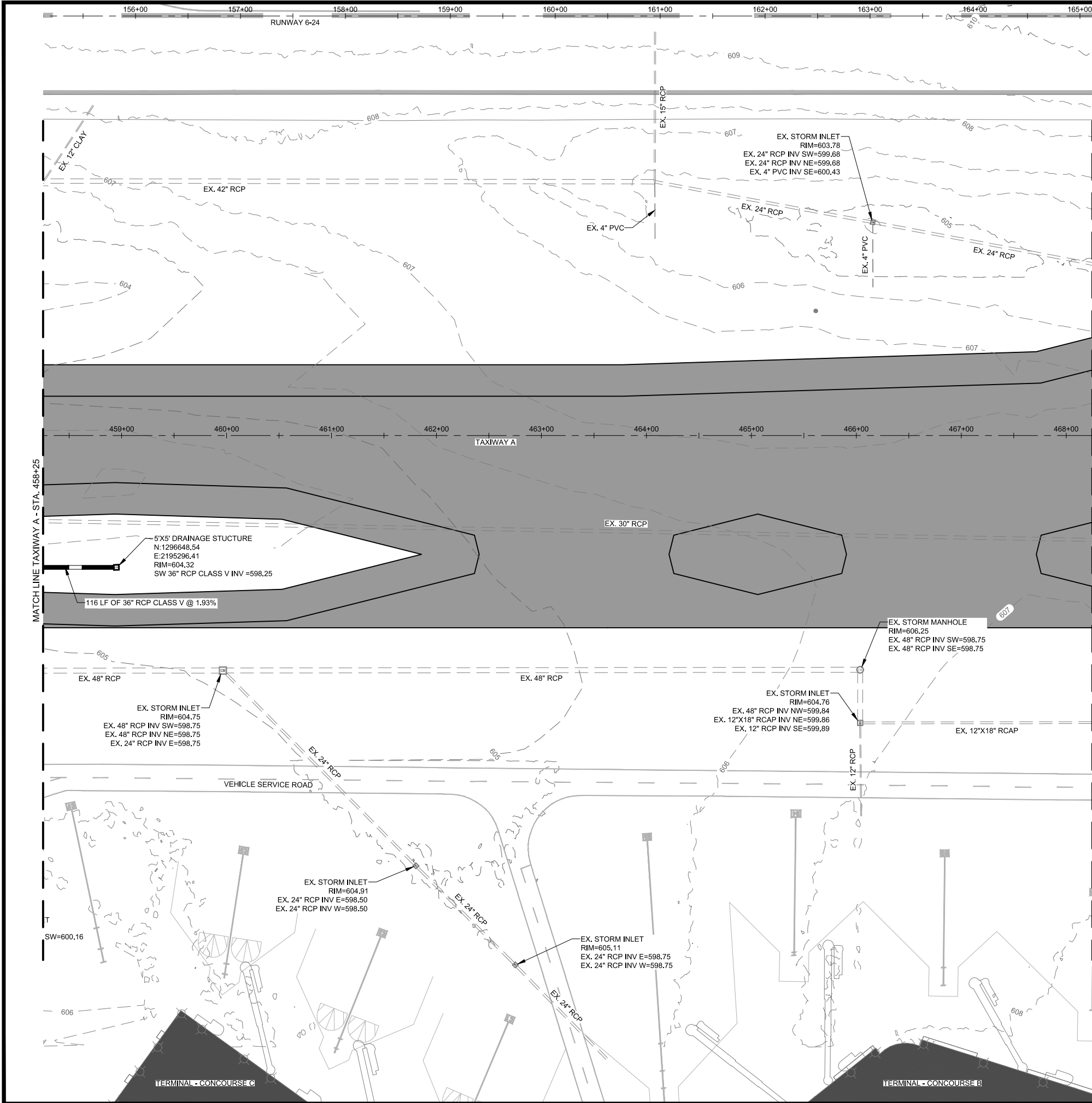
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SHEET CONTENTS
DRAINAGE AND UTILITY
PLANS - SHEET 5

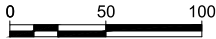
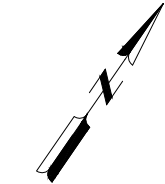
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NOTE

- EXISTING WATER AND SEWER LINES TO BE MAINTAINED AND PROTECTED DURING CONSTRUCTION. PORTIONS OF THESE LINES MAY BE REMOVED PRIOR TO CONSTRUCTION BY OTHERS. EXACT LIMITS OF UTILITY DEMOLITION AND/OR RELOCATION TO BE COORDINATED WITH UTILITY OWNERS.



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VILLAGE CREEK RELOCATION
5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212**

ISSUED
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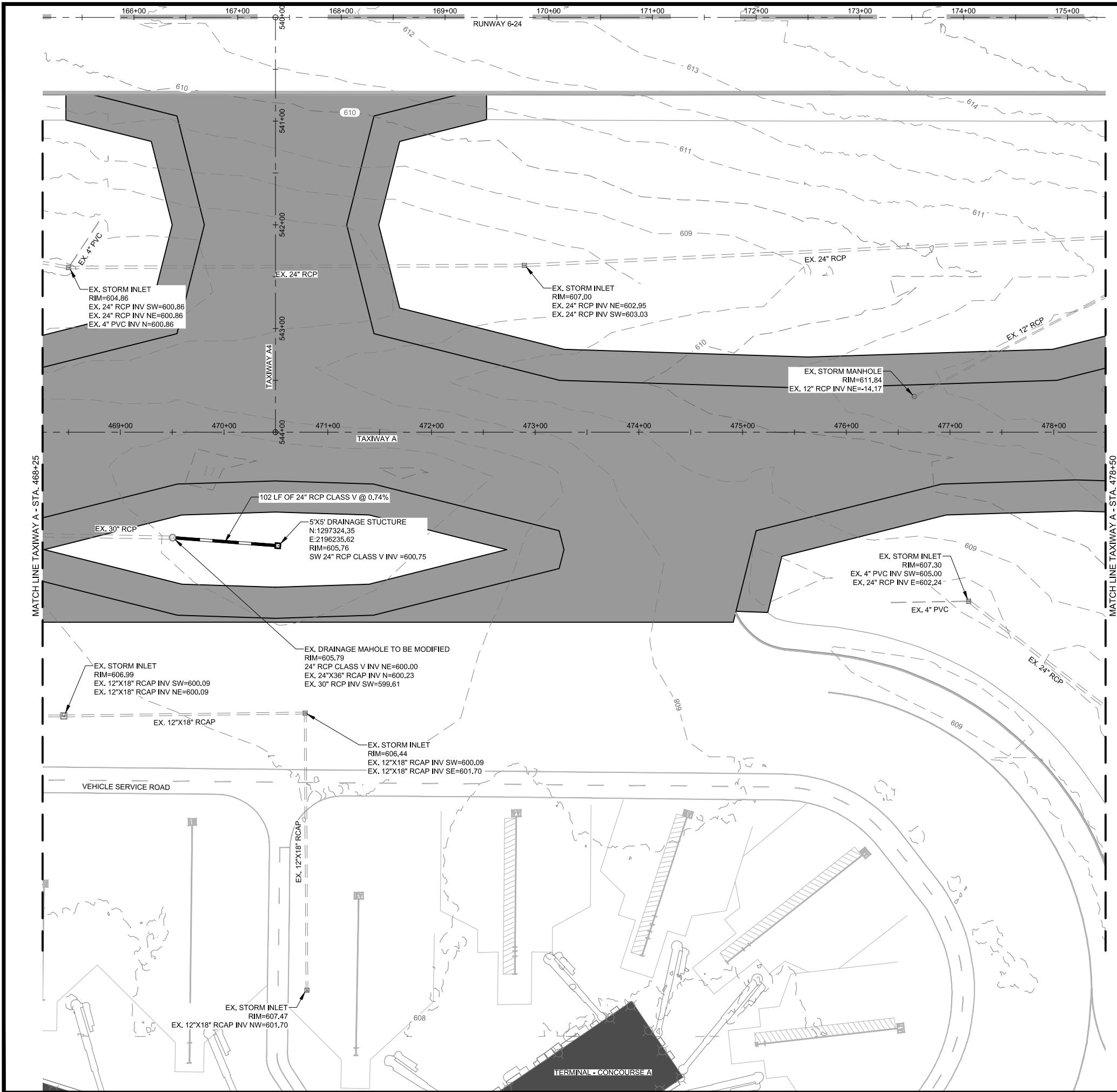
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SHEET CONTENTS
DRAINAGE AND UTILITY
PLANS - SHEET 6

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VILLAGE CREEK RELOCATION
5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212**

ISSUED

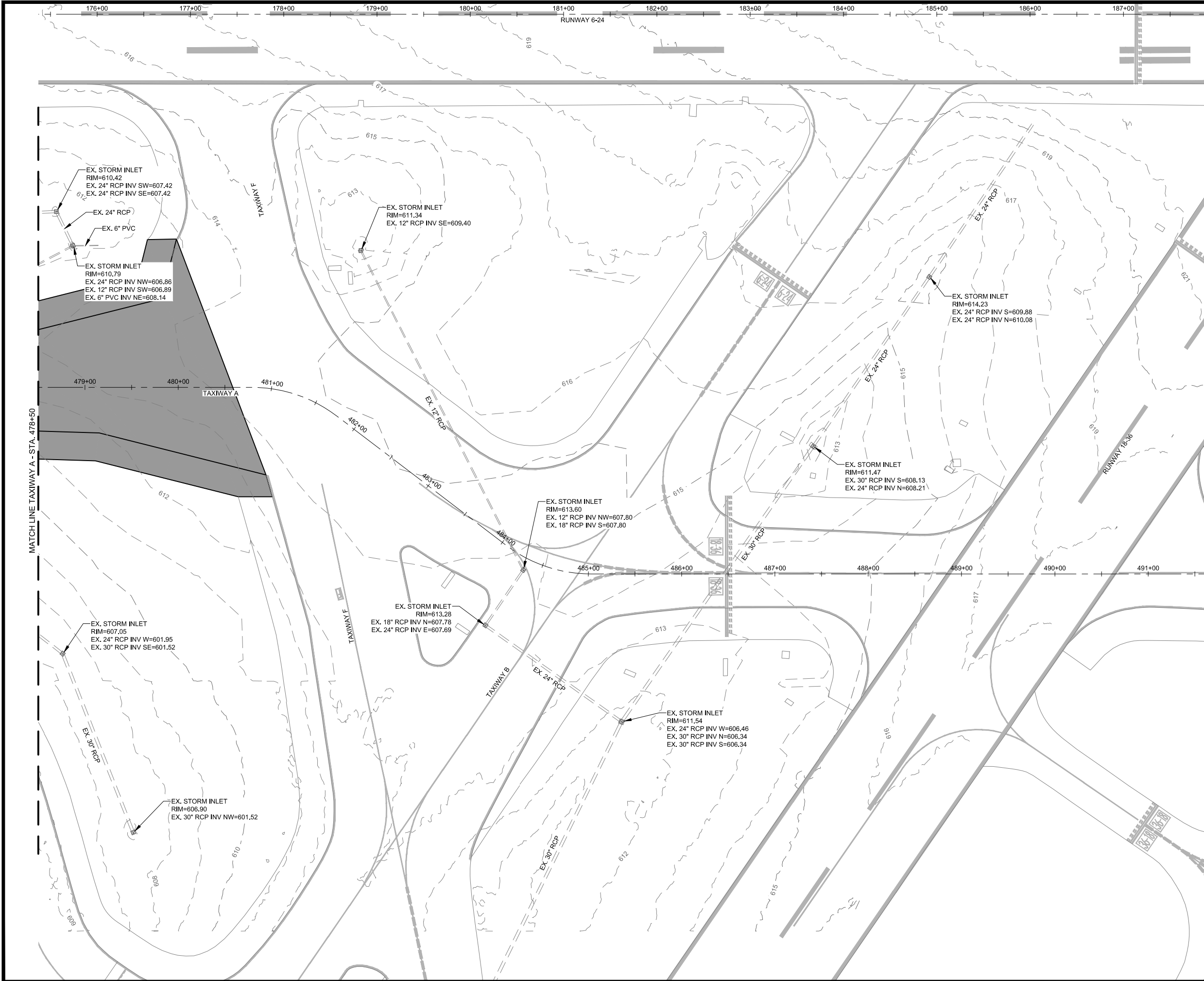
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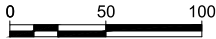
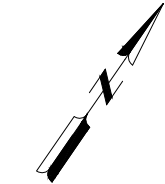
SHEET CONTENTS
**DRAINAGE AND UTILITY
PLANS - SHEET 7**

SHEET NO.
C-107



NOTE

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TAXIWAY A - 400' SEPARATION AND
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5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212**

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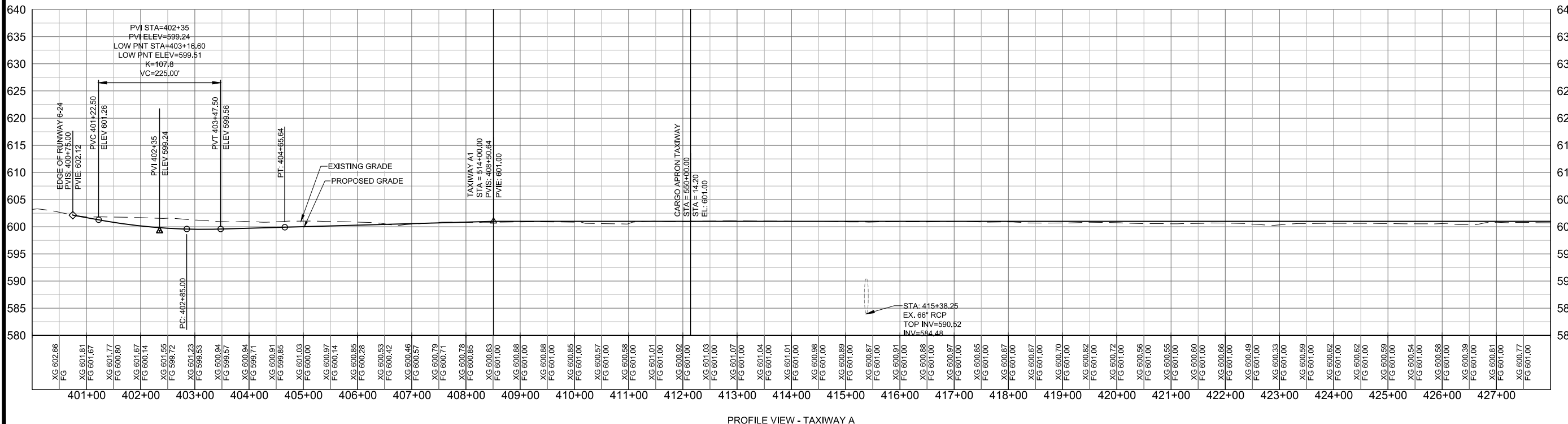
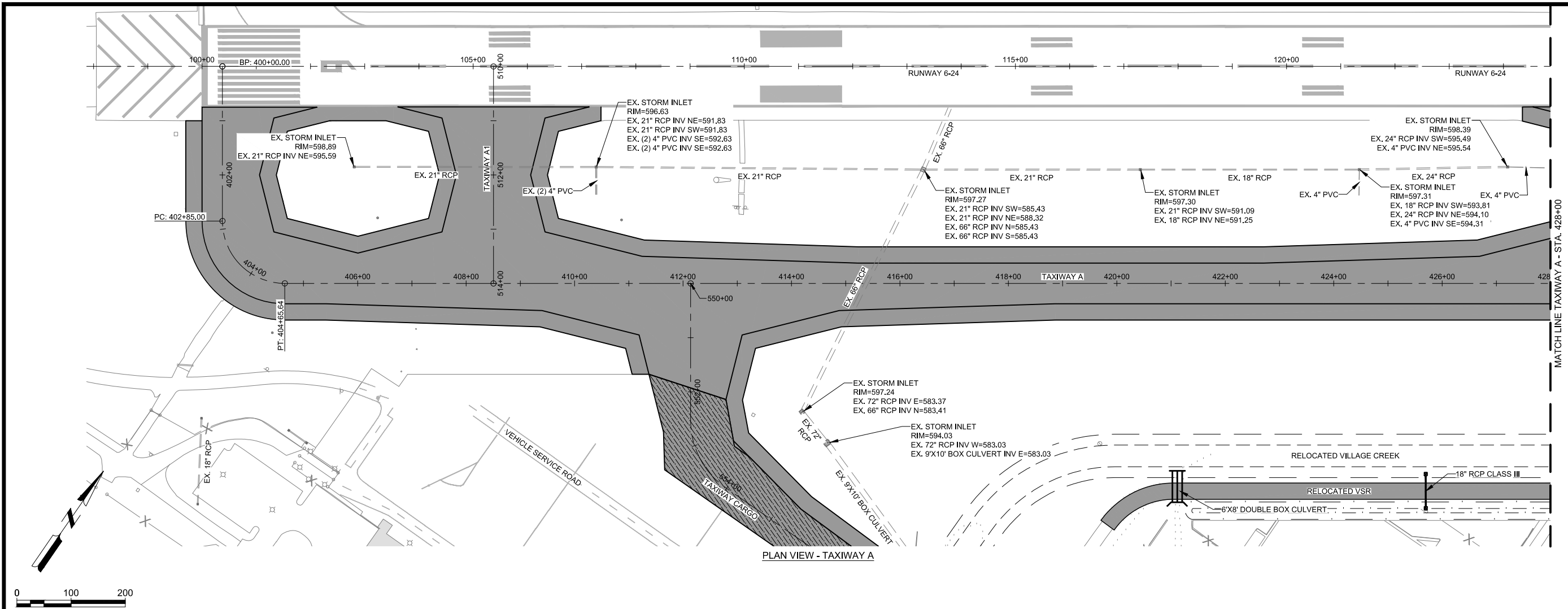
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**DRAINAGE AND UTILITY
PLANS - SHEET 8**

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5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212

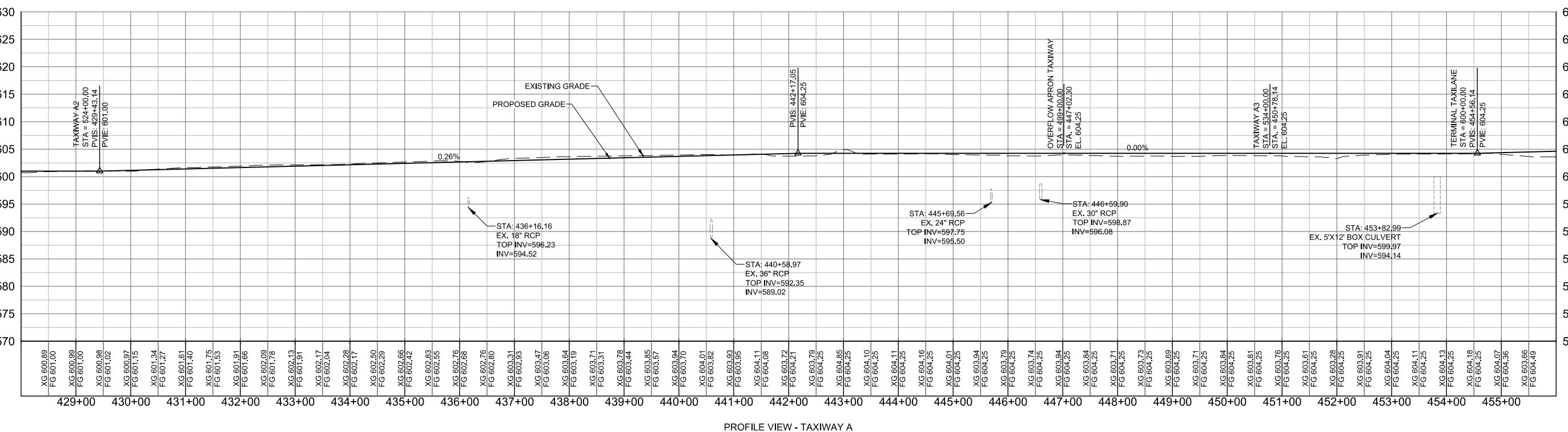
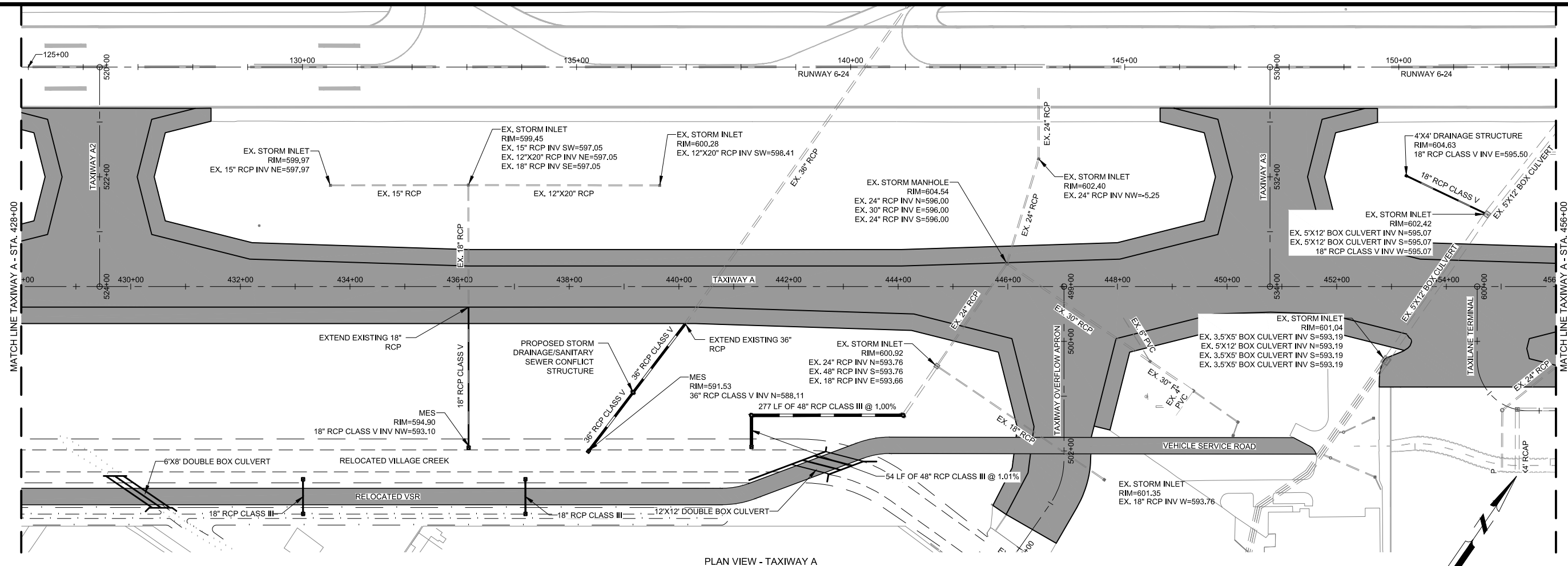
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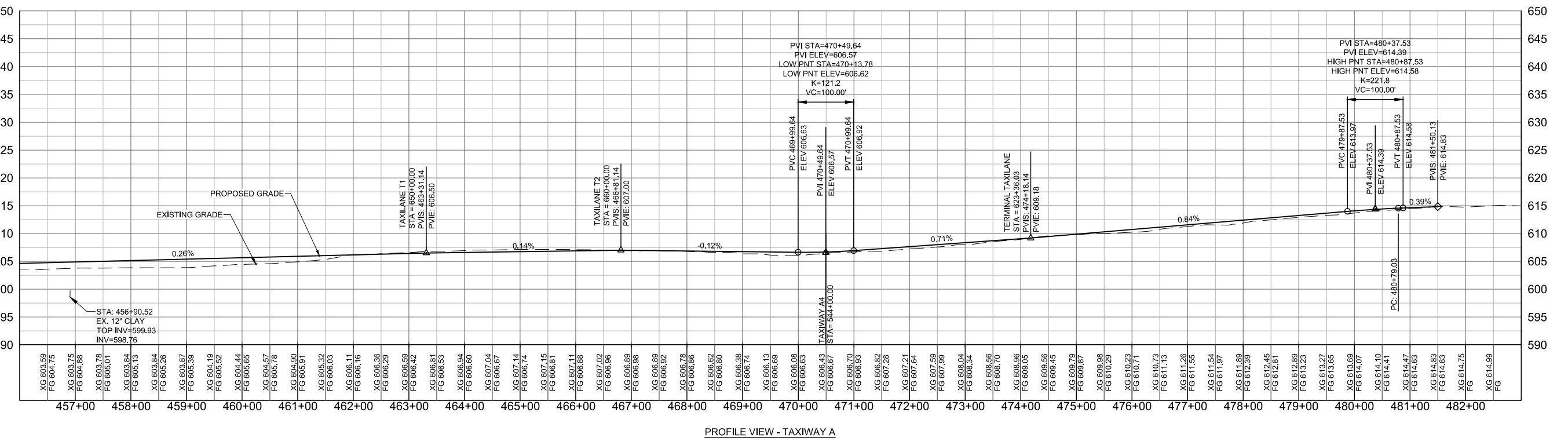
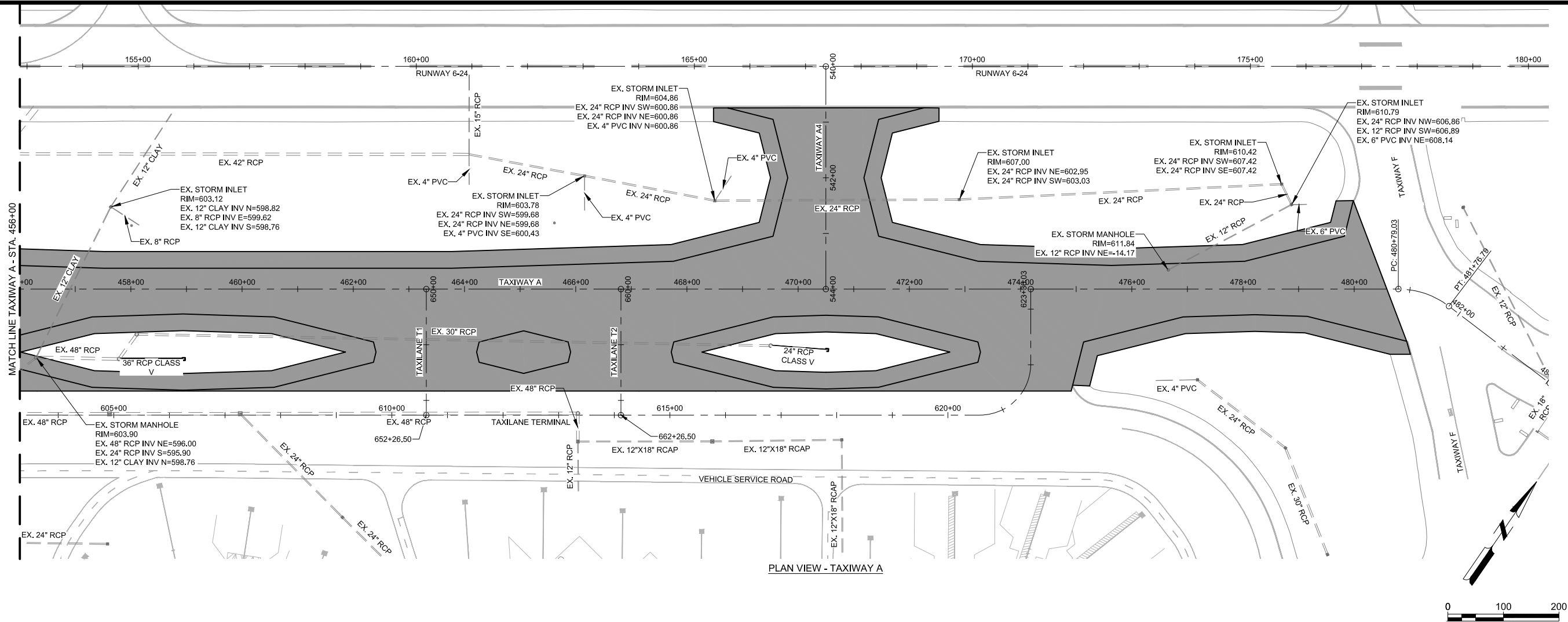
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SHEET CONTENTS
TAXIWAY A PLAN AND
PROFILE - SHEET 1

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TAXIWAY A - 400' SEPARATION AND
VILLAGE CREEK RELOCATION
5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212**

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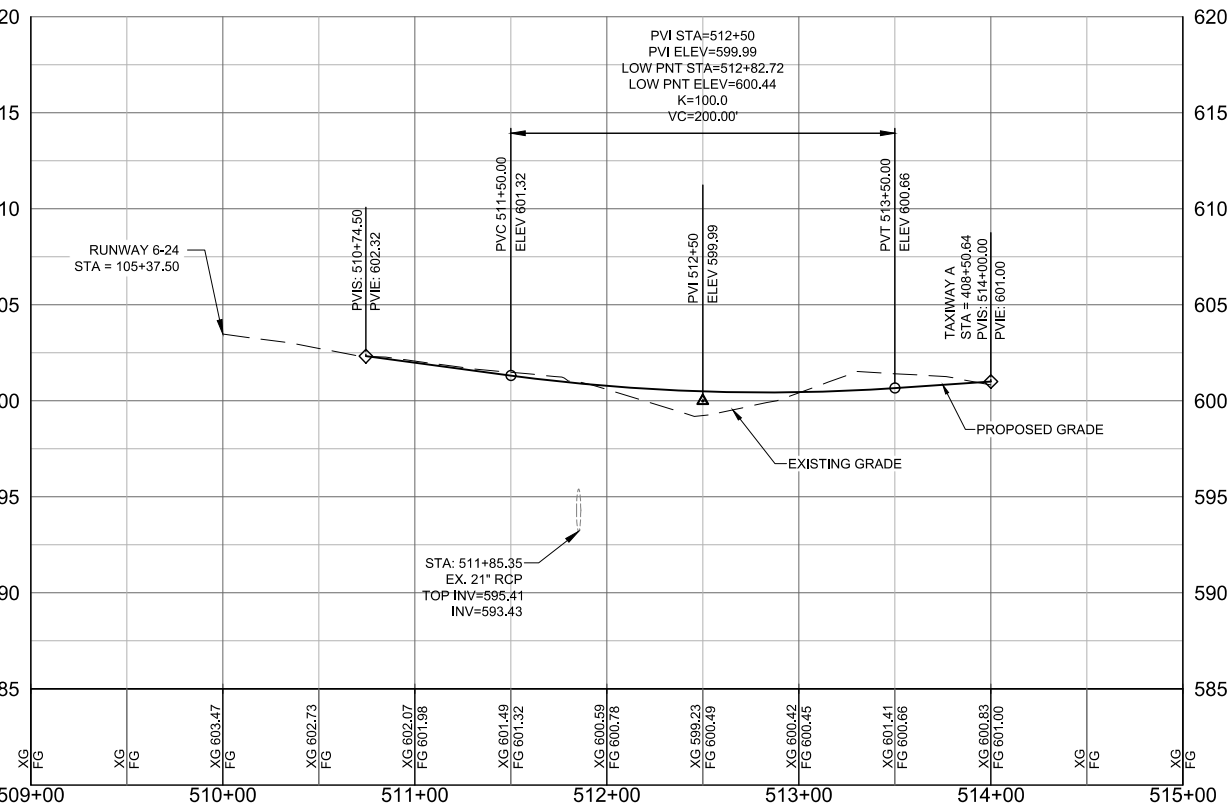
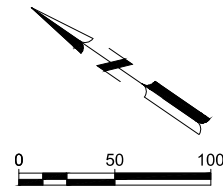
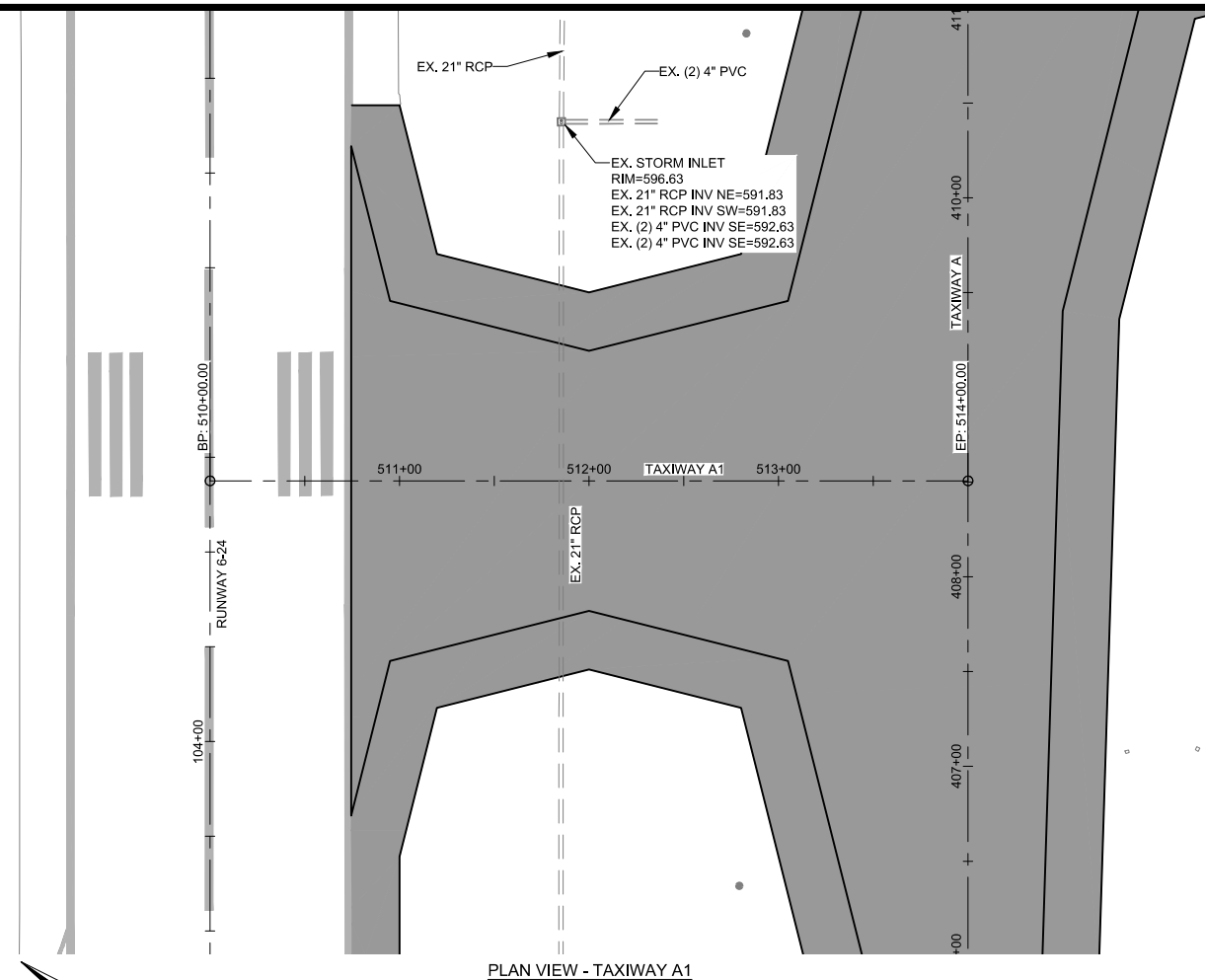
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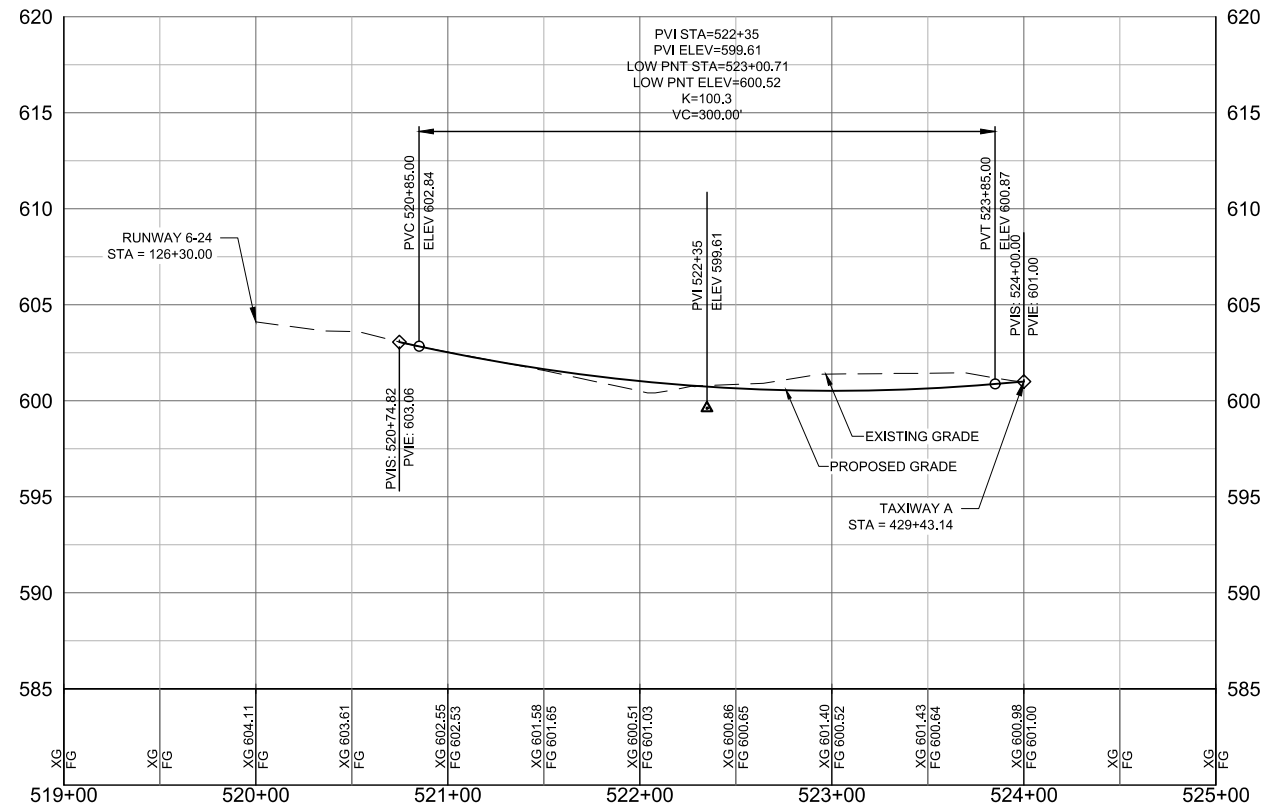
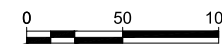
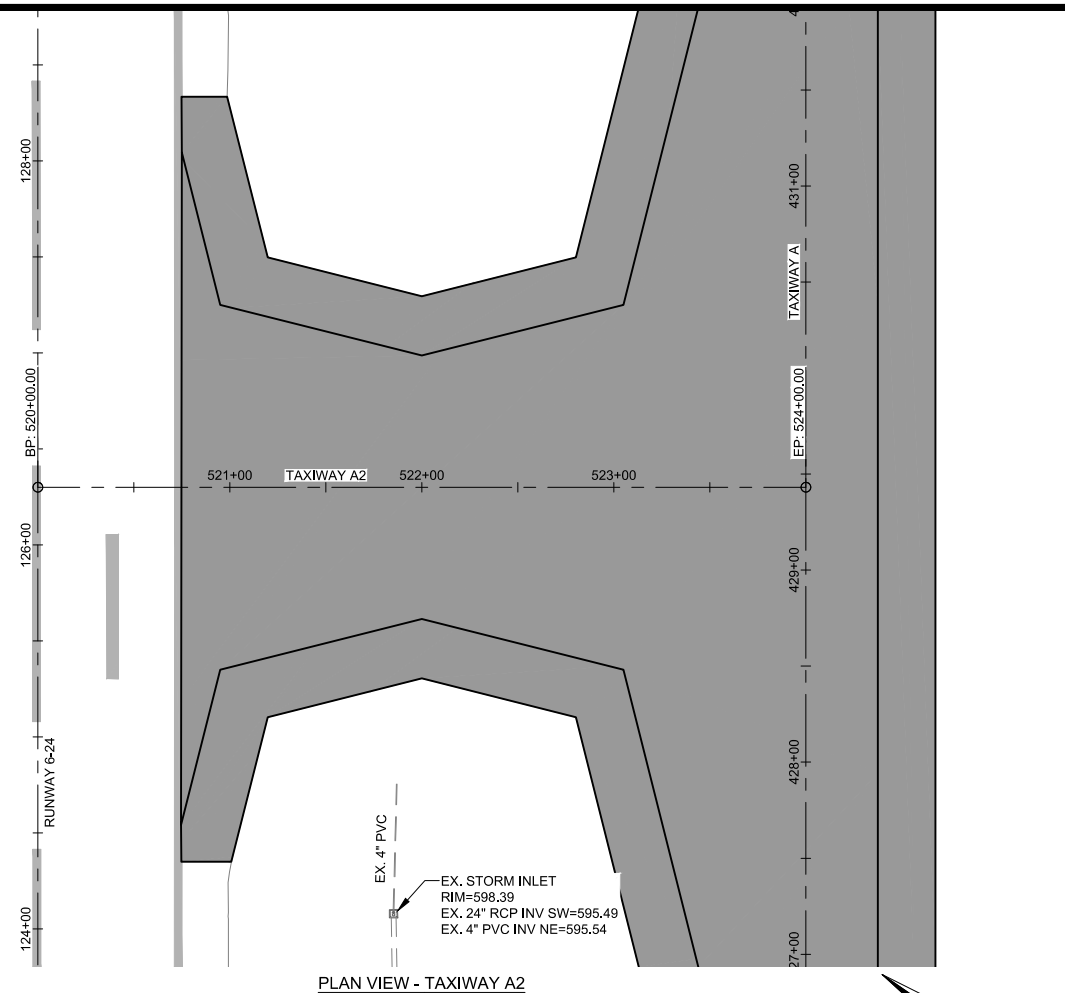
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SHEET CONTENTS
TAXIWAYS A1 & A2 PLAN
AND PROFILE

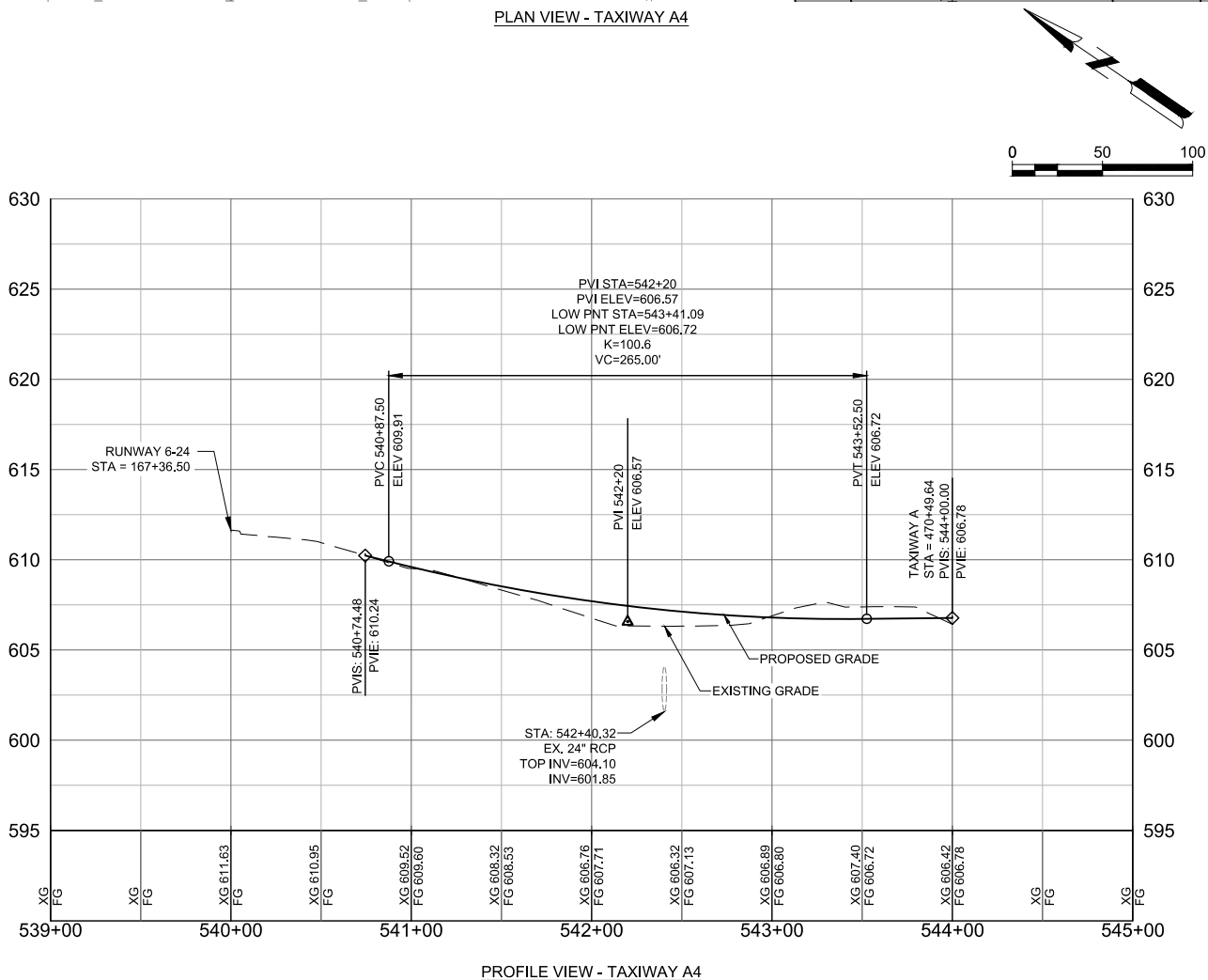
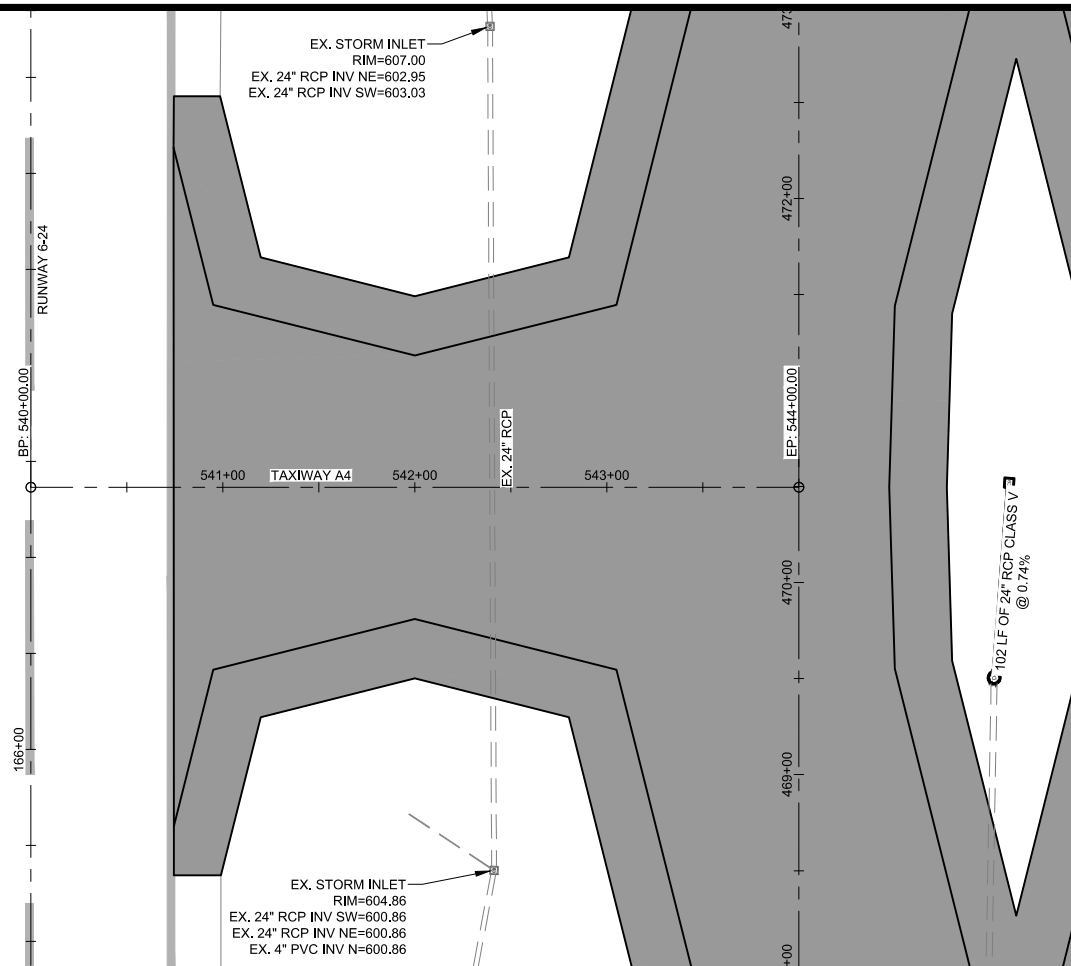
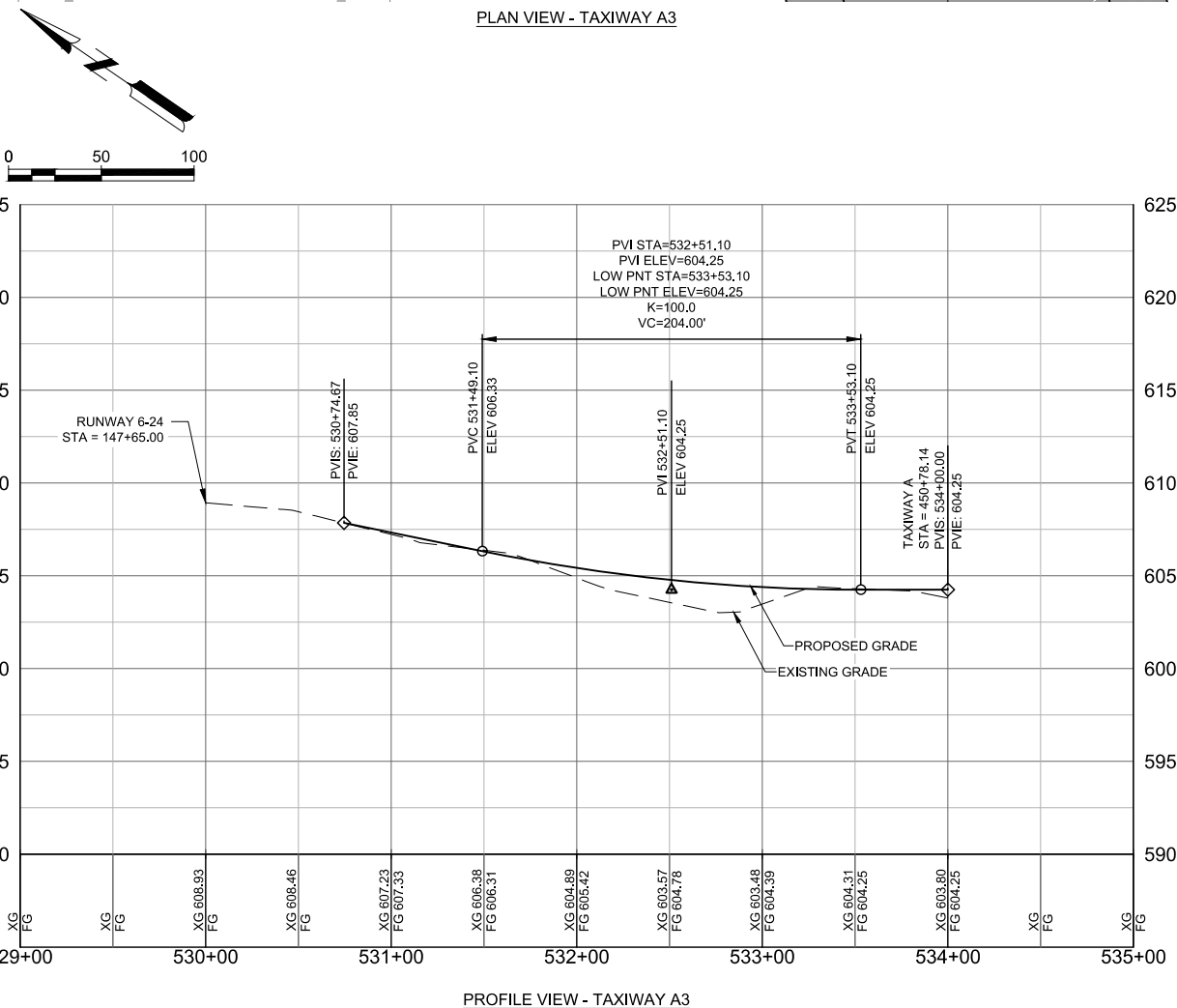
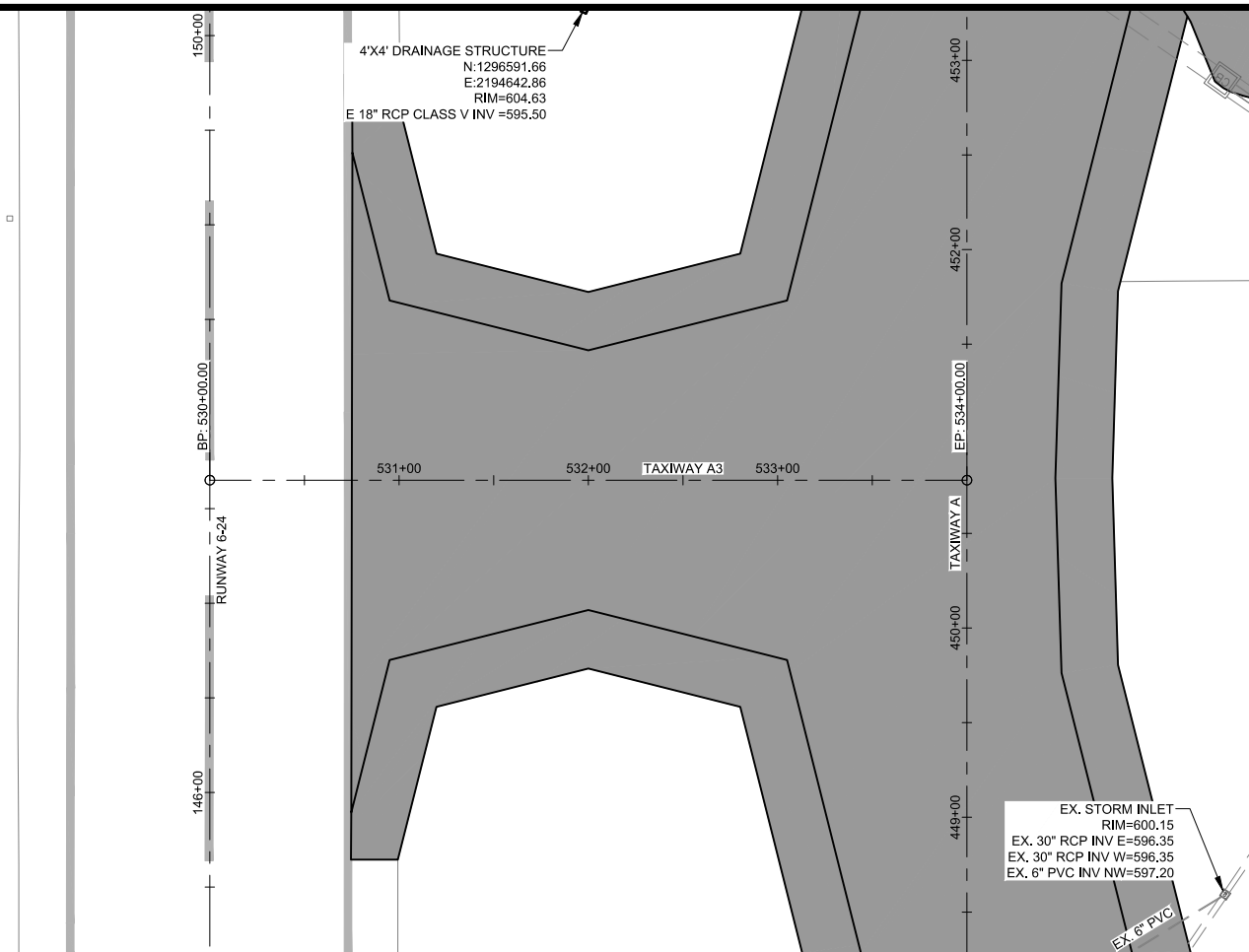
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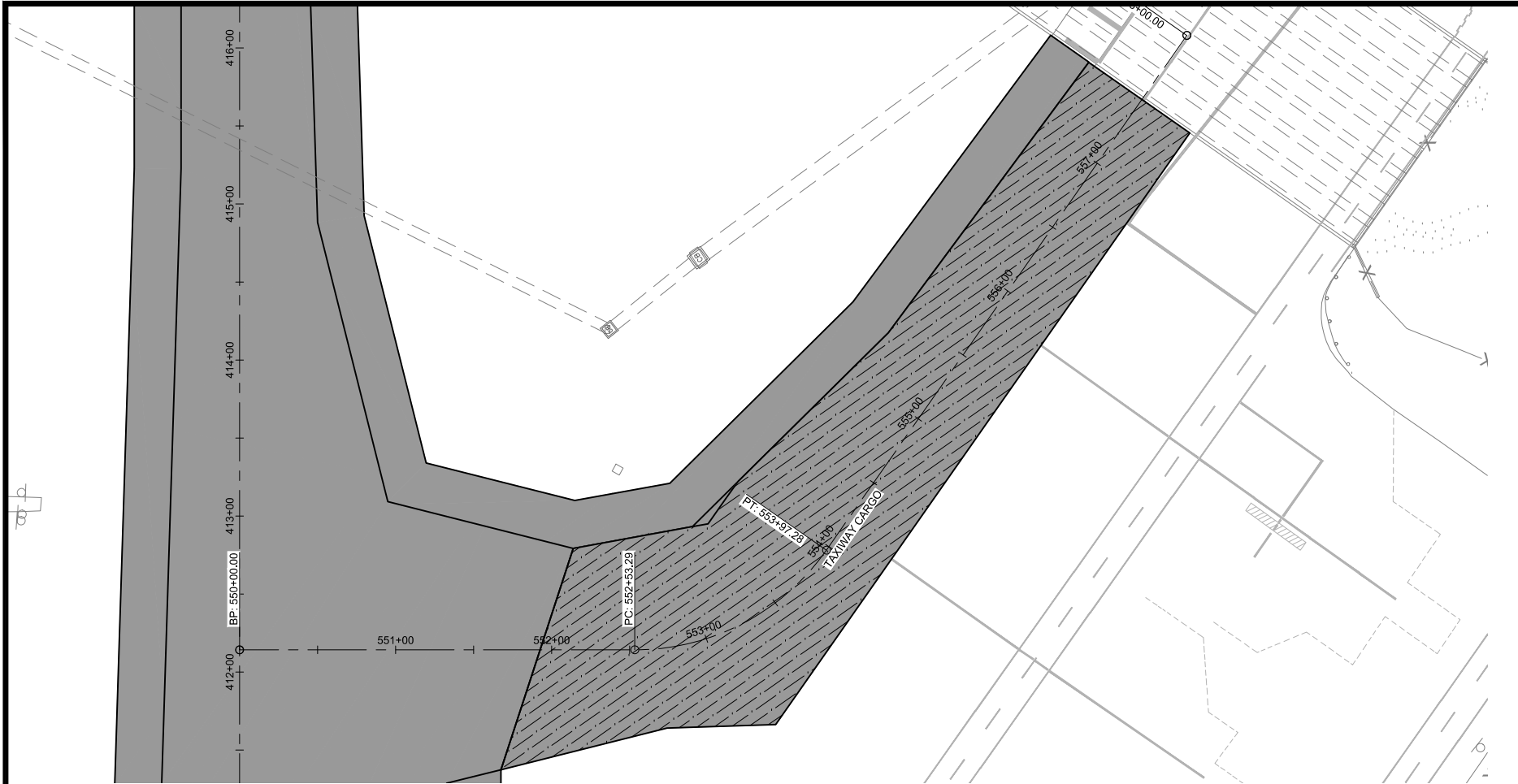


PROFILE VIEW - TAXIWAY A1

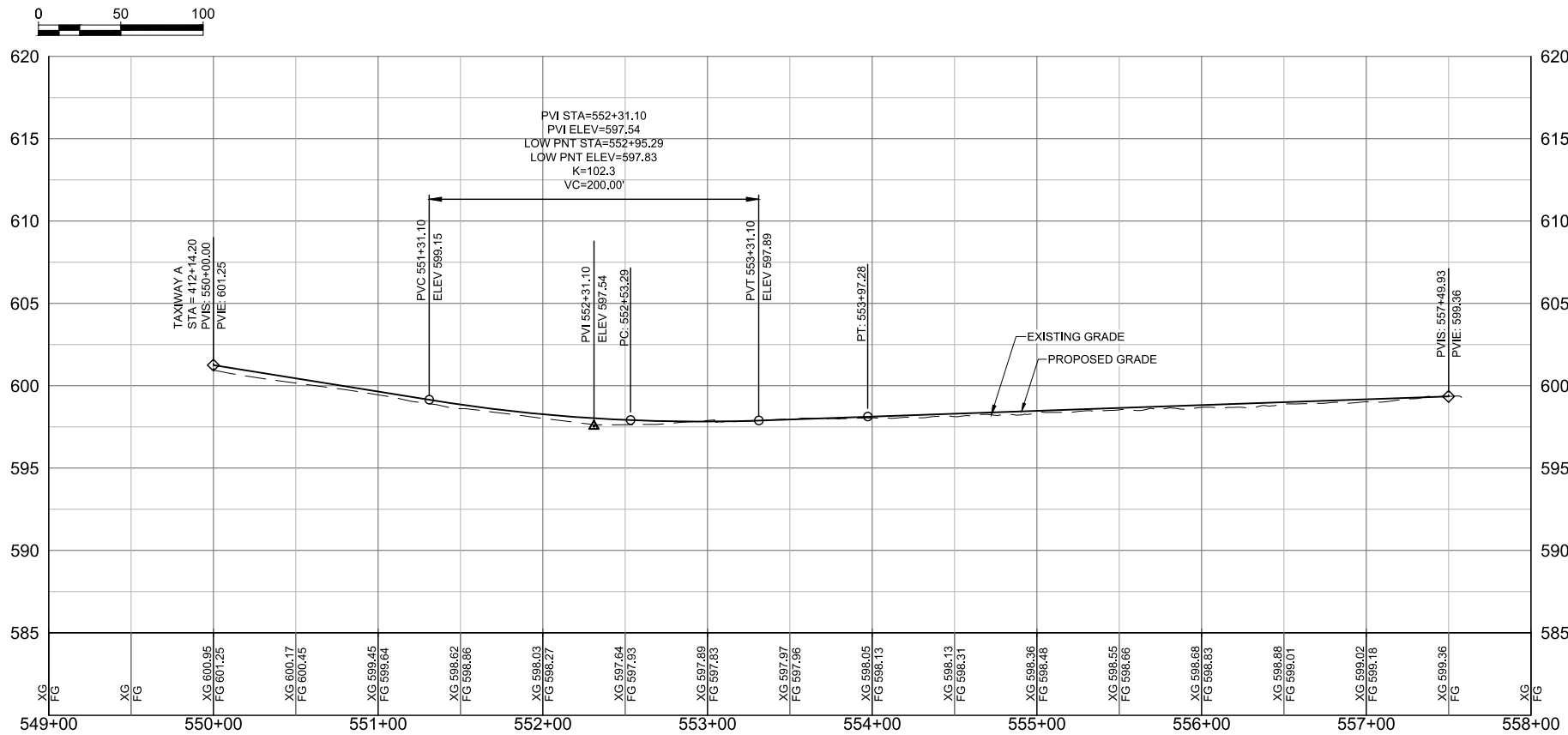


PROFILE VIEW - TAXIWAY A2





PLAN VIEW - TAXIWAY CARGO



PROFILE VIEW - TAXIWAY CARGO

**BIRMINGHAM-SHUTTLESWORTH
INTERNATIONAL AIRPORT
TAXIWAY A - 400' SEPARATION
VILLAGE CREEK RELOCATION
5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212**

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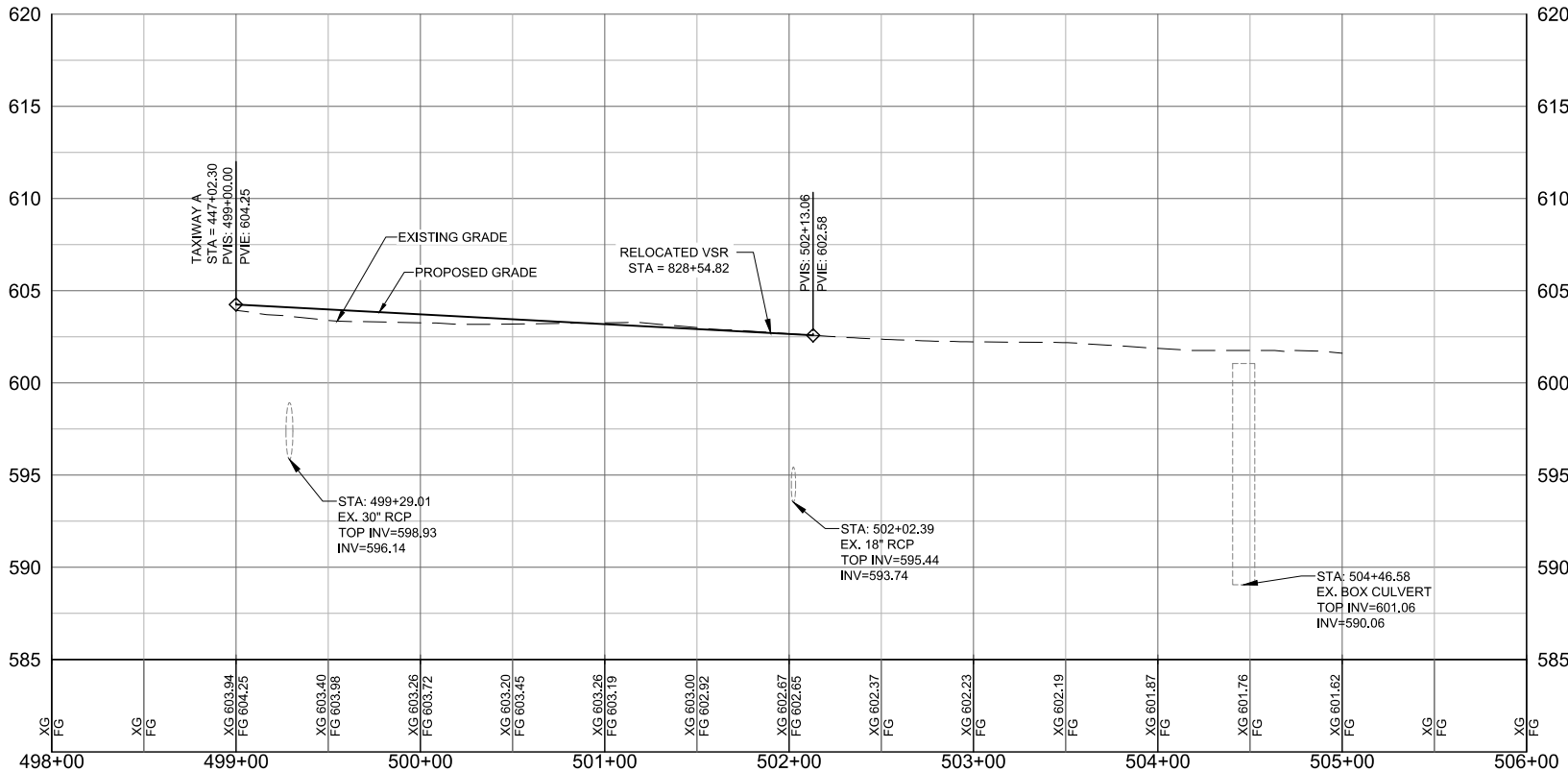
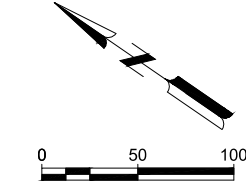
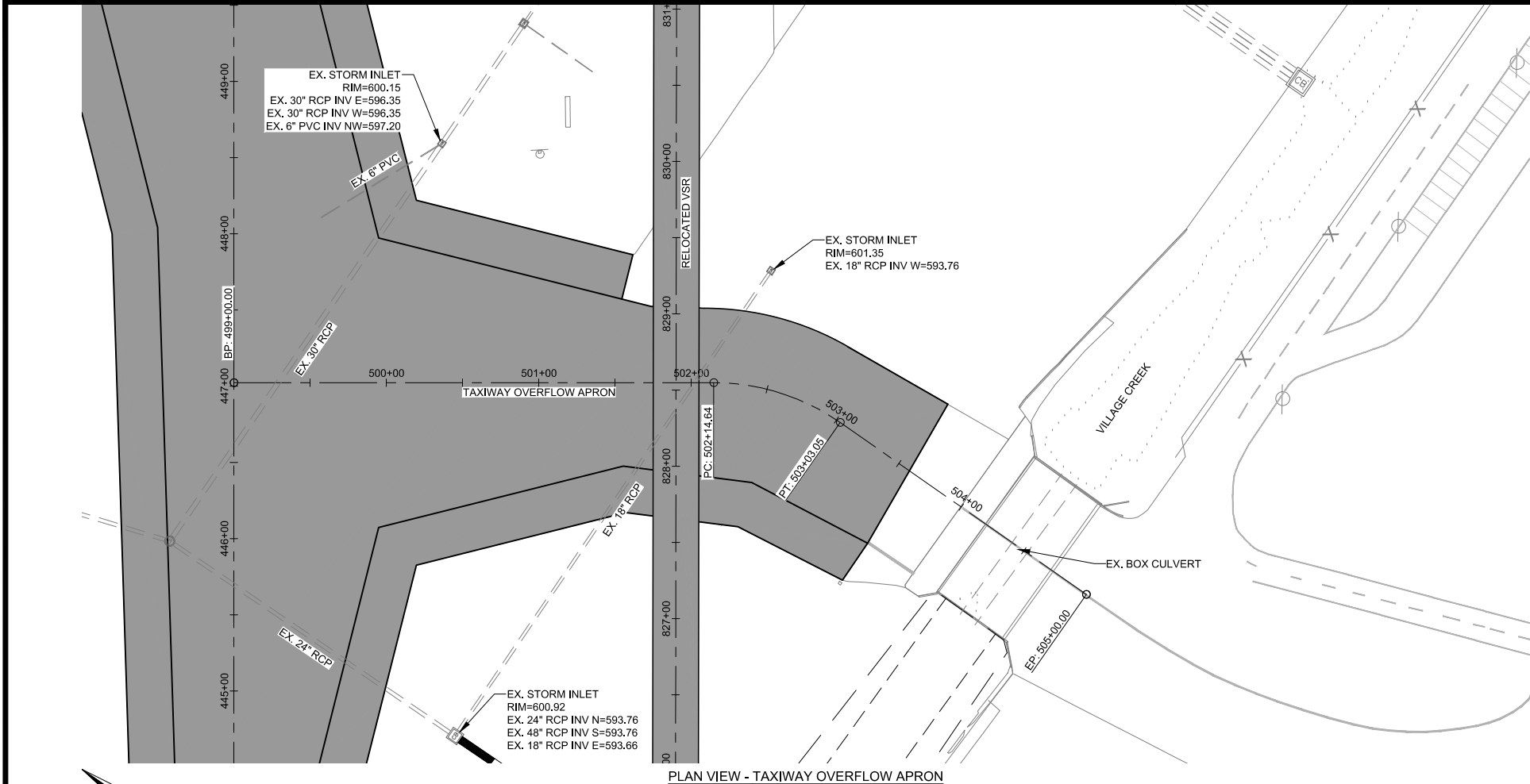
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TAXIWAY CARGO PLAN
AND PROFILE

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TAXIWAY A - 400' SEPARATION AND VILLAGE CREEK RELOCATION
5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212**

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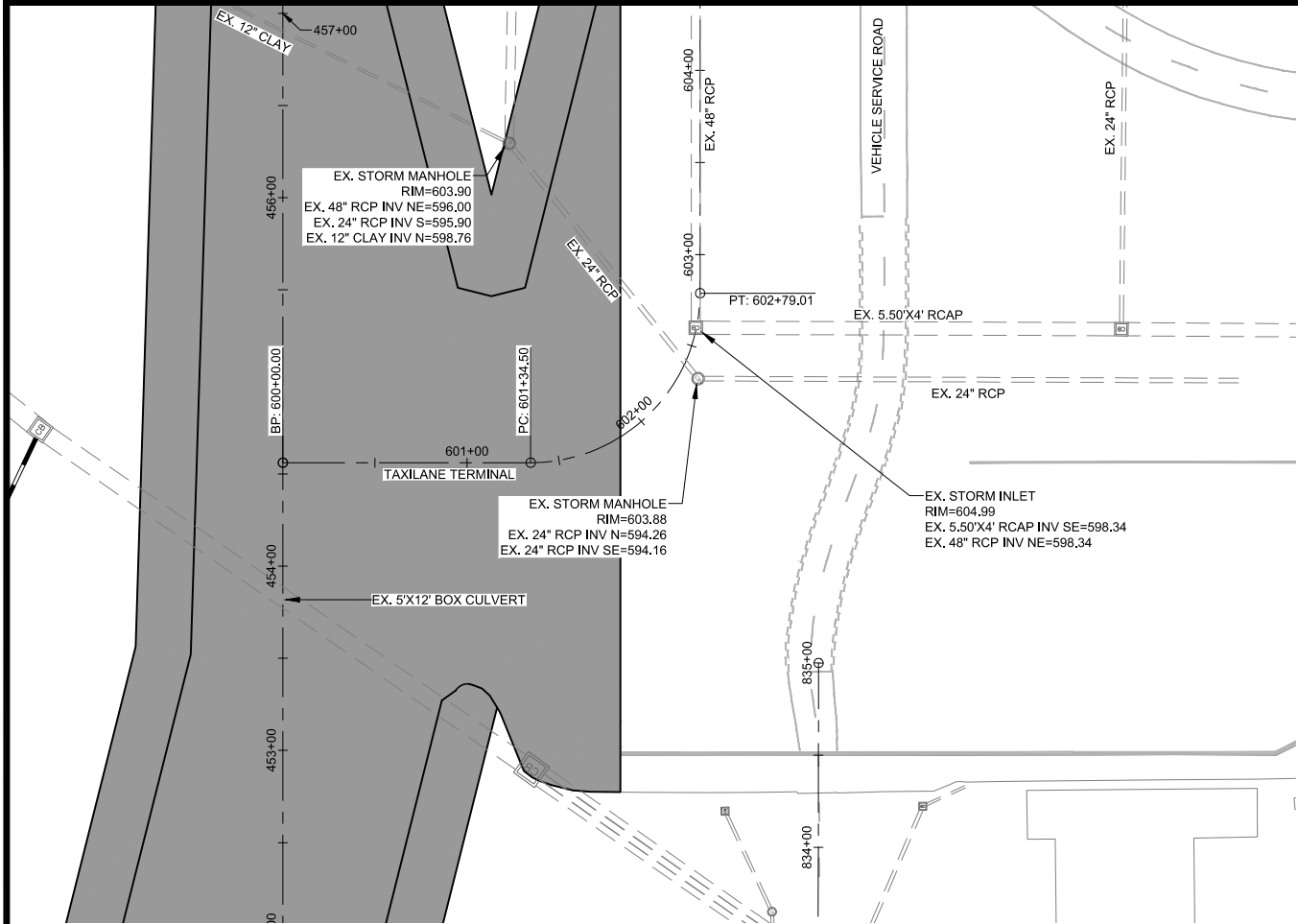
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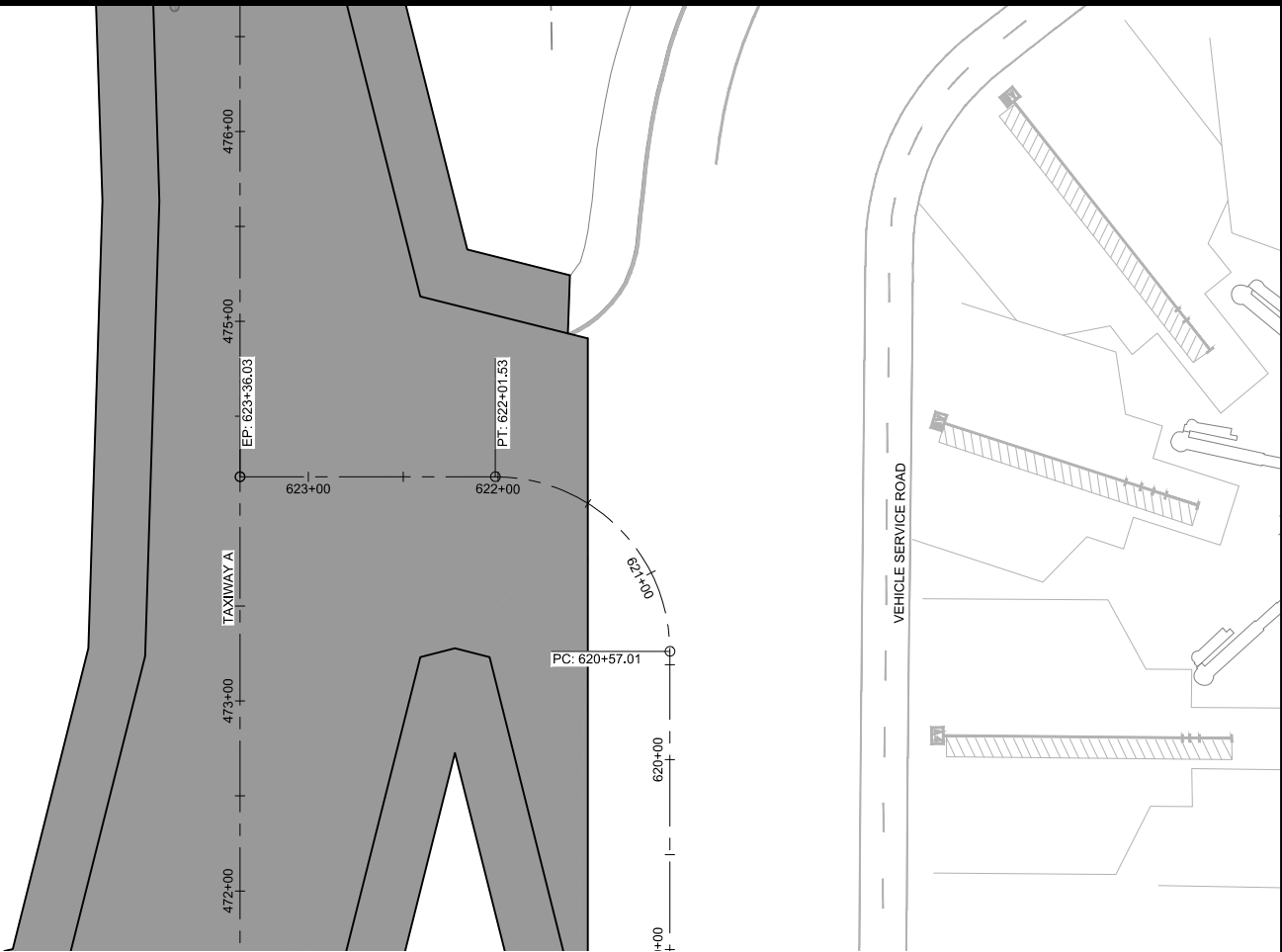
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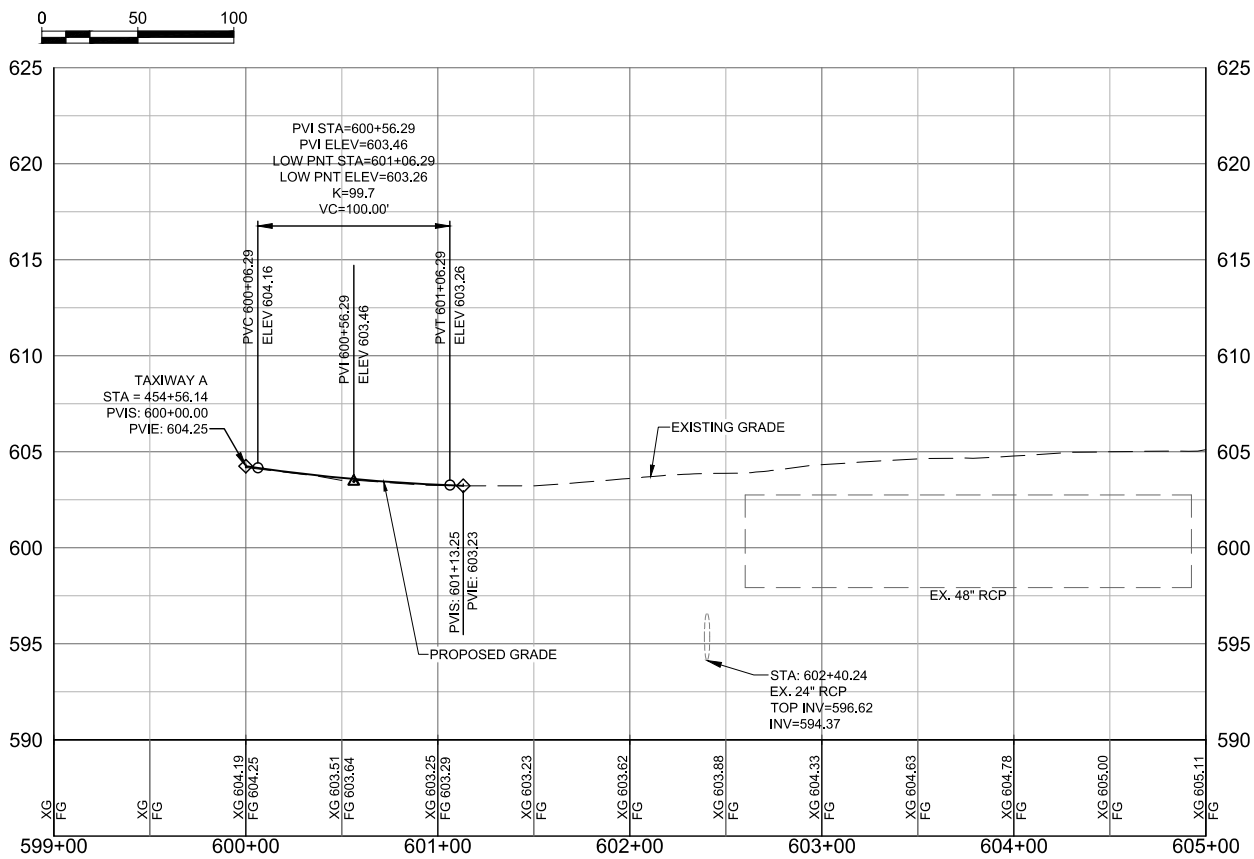
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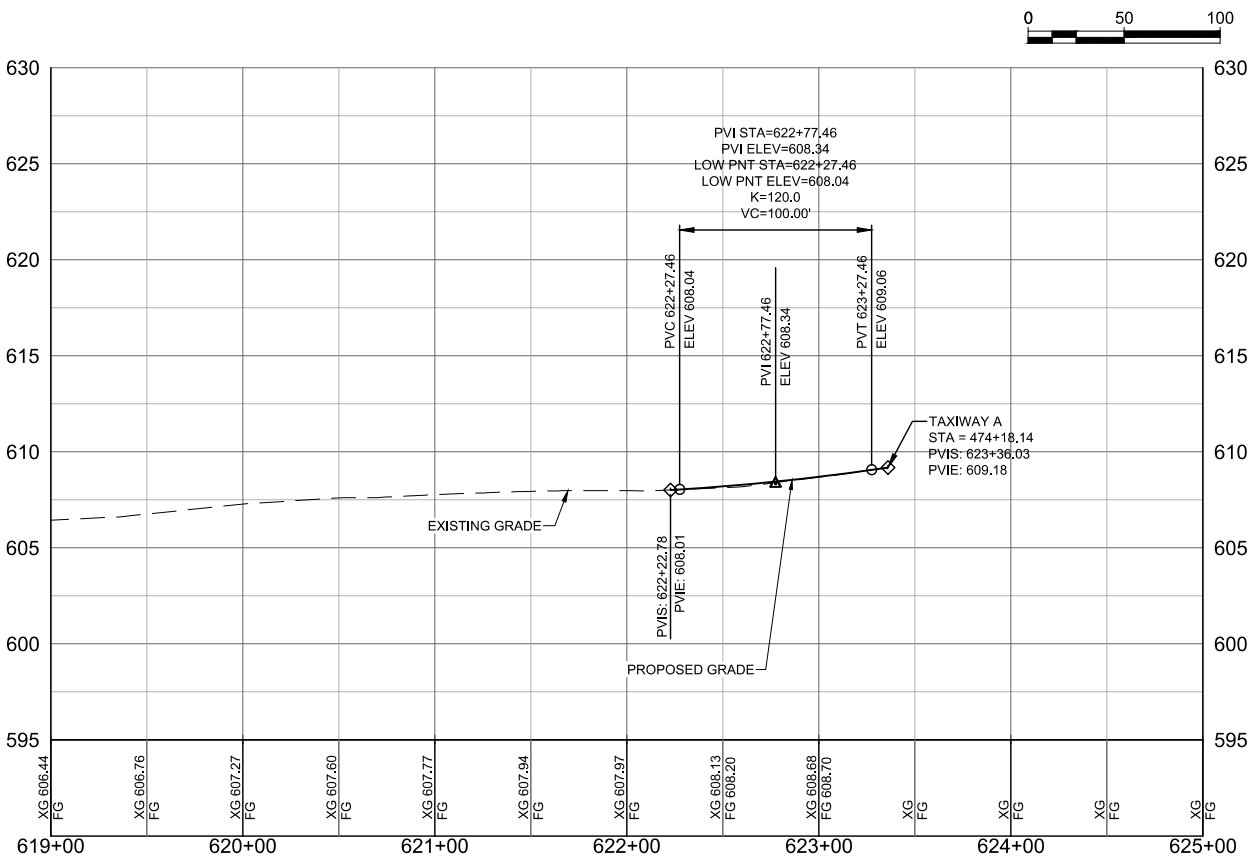
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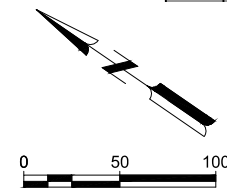
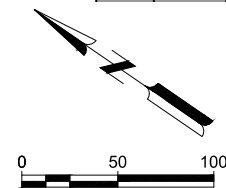
PLAN VIEW - TAXILANE TERMINAL



PROFILE VIEW - TAXILANE TERMINAL



PROFILE VIEW - TAXILANE TERMINAL



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5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212**

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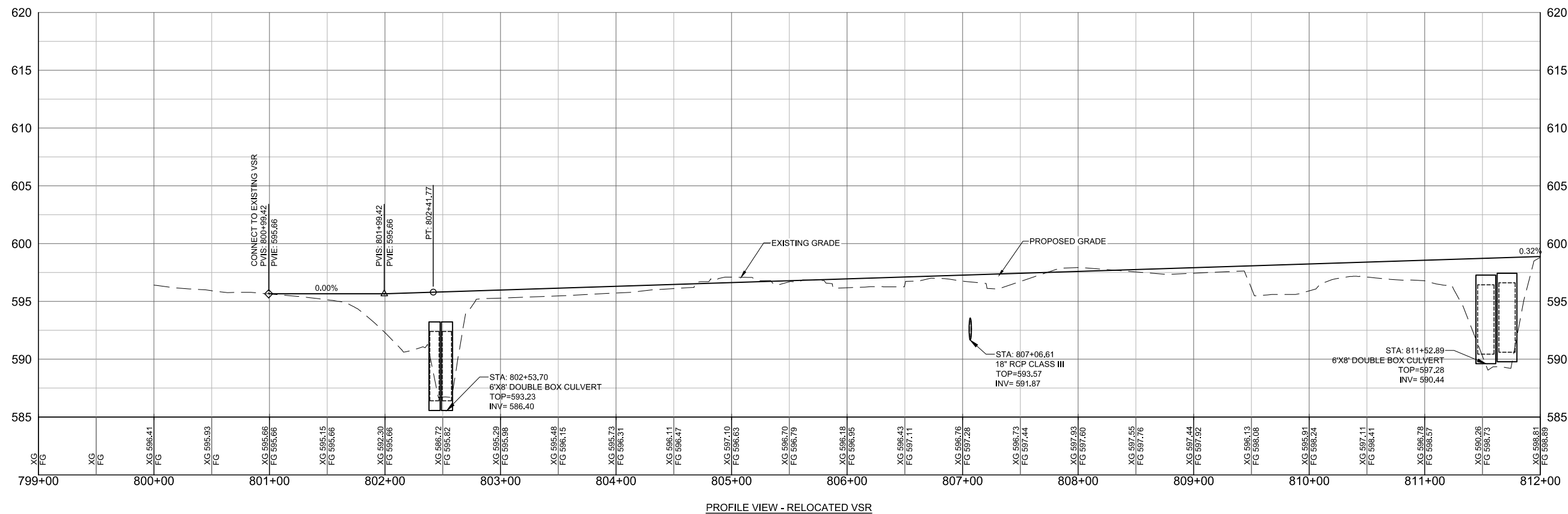
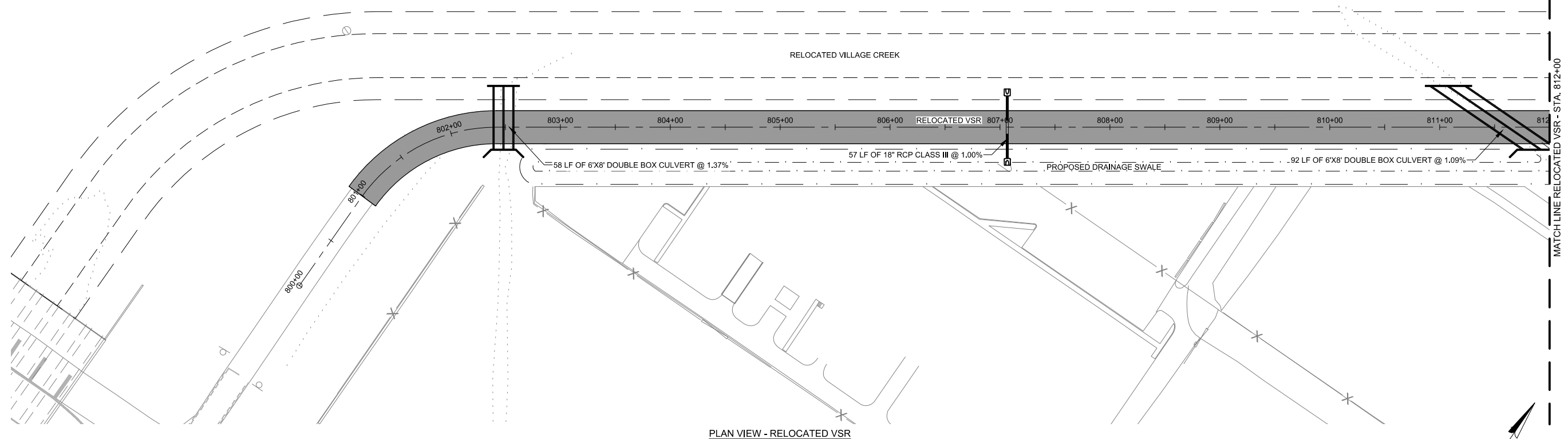
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SHEET NO.

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TAXIWAY A - 400' SEPARATION AND
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5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212

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SHEET CONTENTS
VEHICLE SERVICE ROAD
PLAN AND PROFILE -
SHEET 2

SHEET NO.

MATCH LINE RELOCATED VSR - STA. 812+00

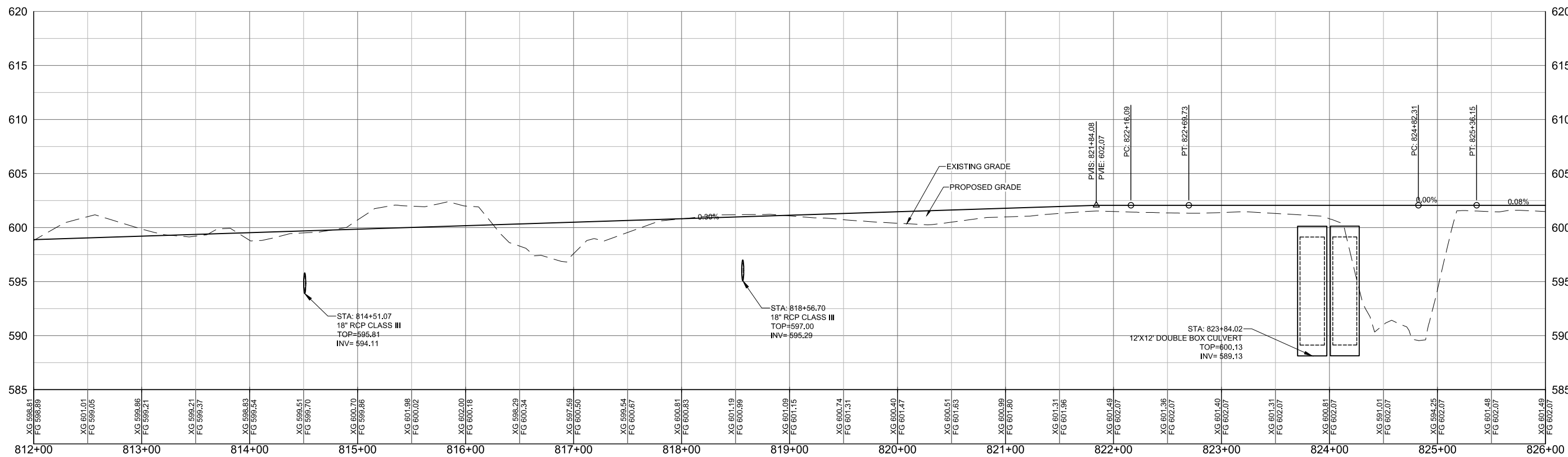
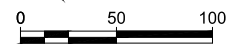
MATCH LINE RELOCATED VSR - STA. 826+00

RELOCATED VILLAGE CREEK

PROPOSED DRAINAGE SWALE

RELOCATED VSR

PLAN VIEW - RELOCATED VSR



PROFILE VIEW - RELOCATED VSR

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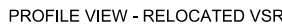
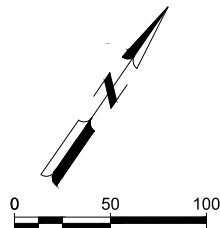
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SHEET CONTENTS

VEHICLE SERVICE ROAD
PLAN AND PROFILE -
SHEET 3

SHEET NO.



**BIRMINGHAM-SHUTTLESWORTH
INTERNATIONAL AIRPORT
TAXIWAY A - 400' SEPARATION AND
VILLAGE CREEK RELOCATION
5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212**

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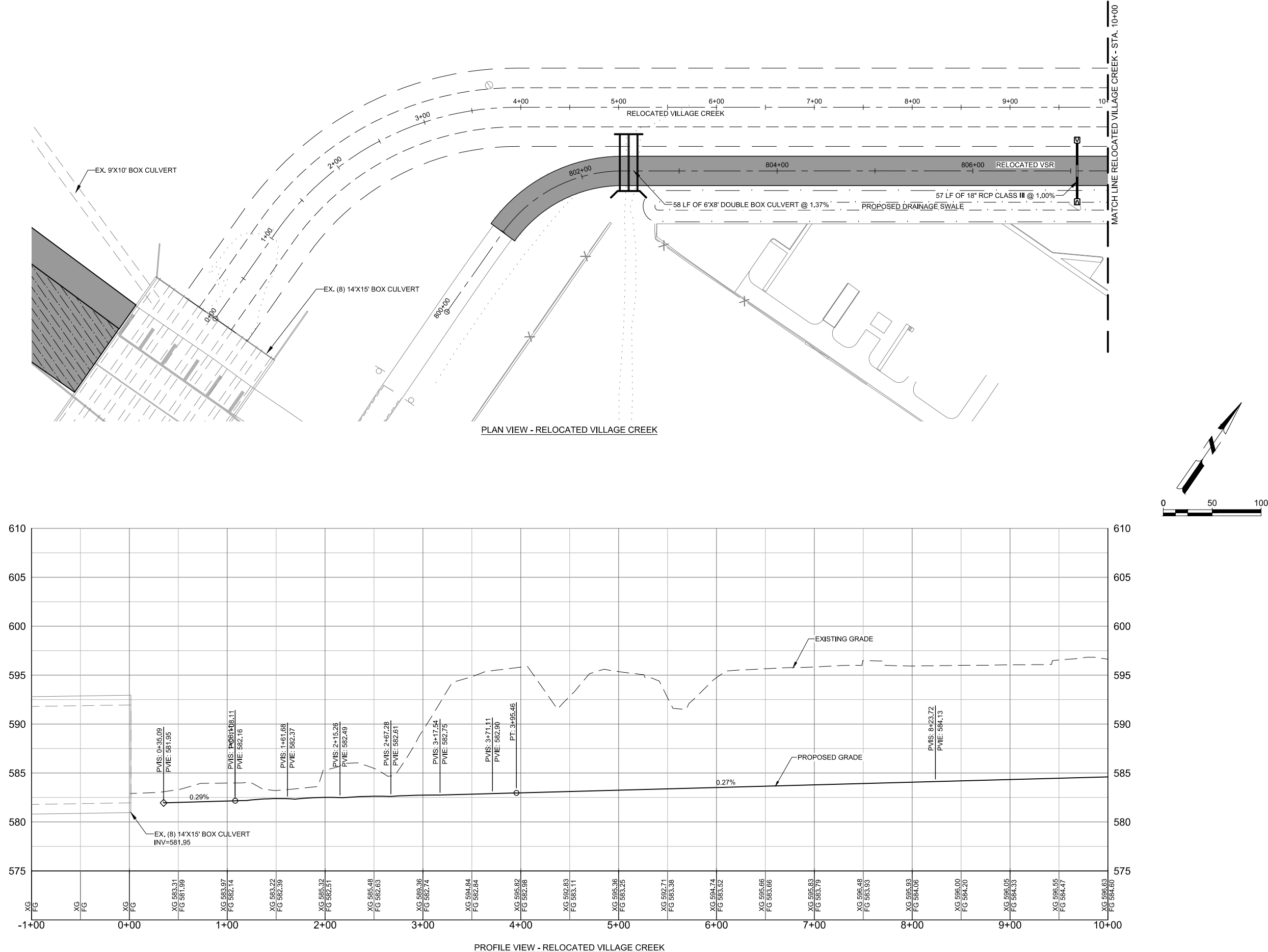
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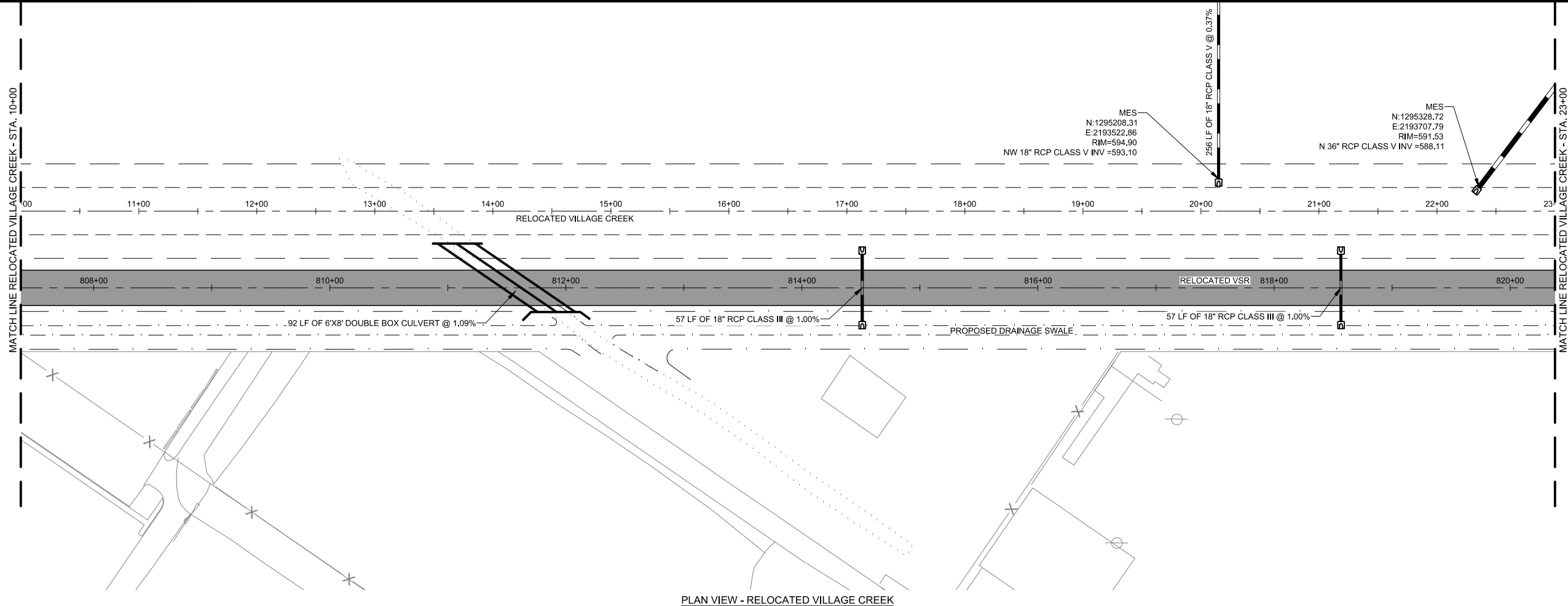
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DESIGNED BY: RAD
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SHEET CONTENTS
VILLAGE CREEK PLAN
AND PROFILE - SHEET 1

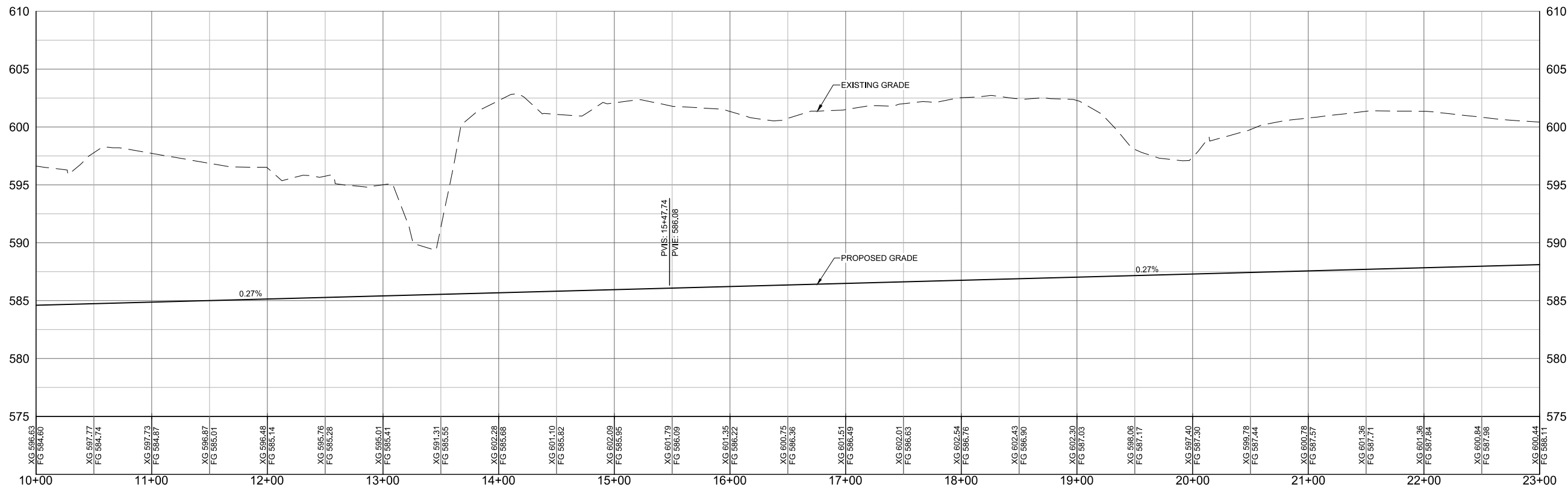
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C-213

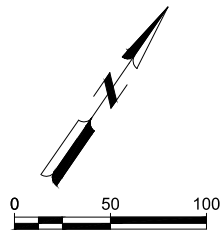




PLAN VIEW - RELOCATED VILLAGE CREEK



PROFILE VIEW - RELOCATED VILLAGE CREEK



Mead & Hunt

Mead and Hunt, Inc.
4010 West Boy Scout Blvd.
Suite 1000
Tampa, FL 33607
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meadhunt.com



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INTERNATIONAL AIRPORT
TAXIWAY A - 400' SEPARATION AND
VILLAGE CREEK RELOCATION
5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212**

ISSUED

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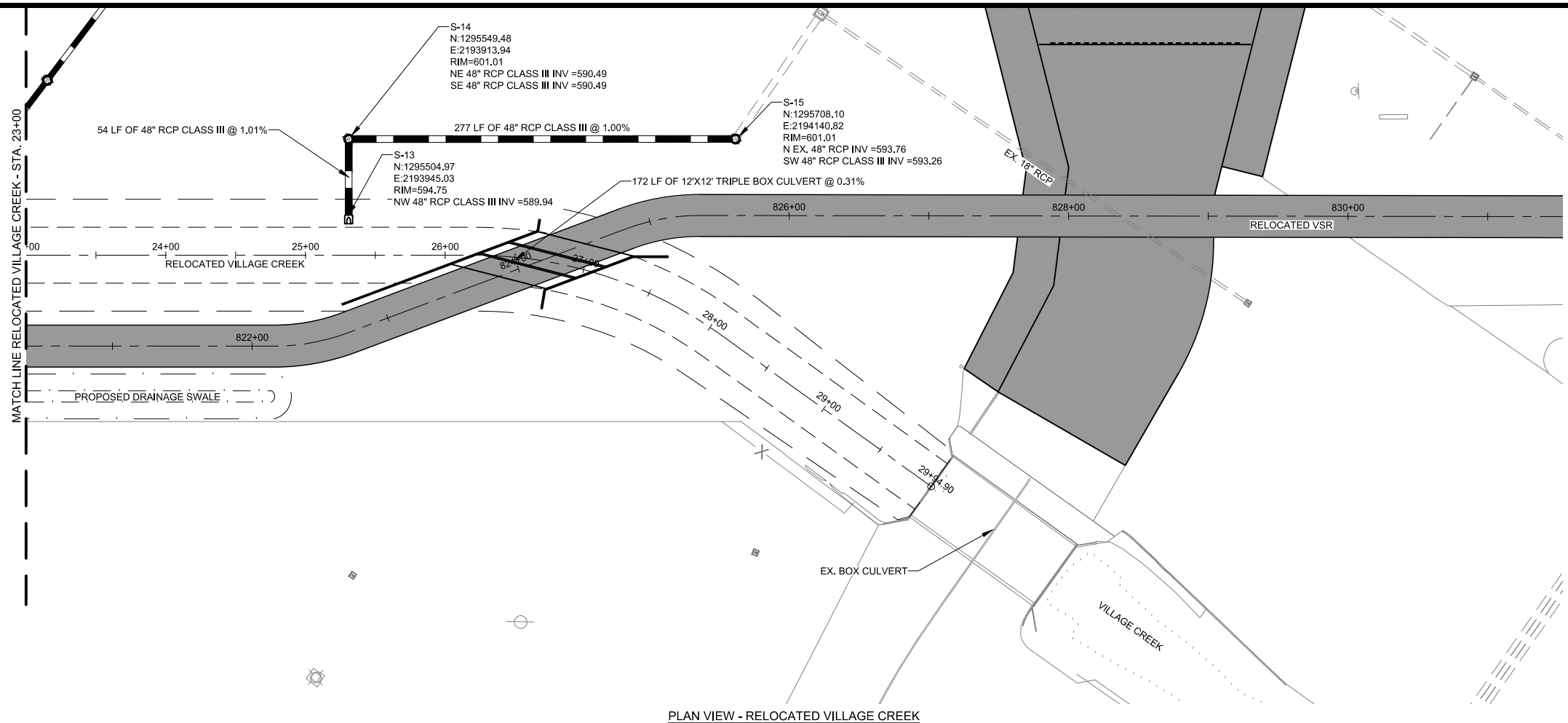
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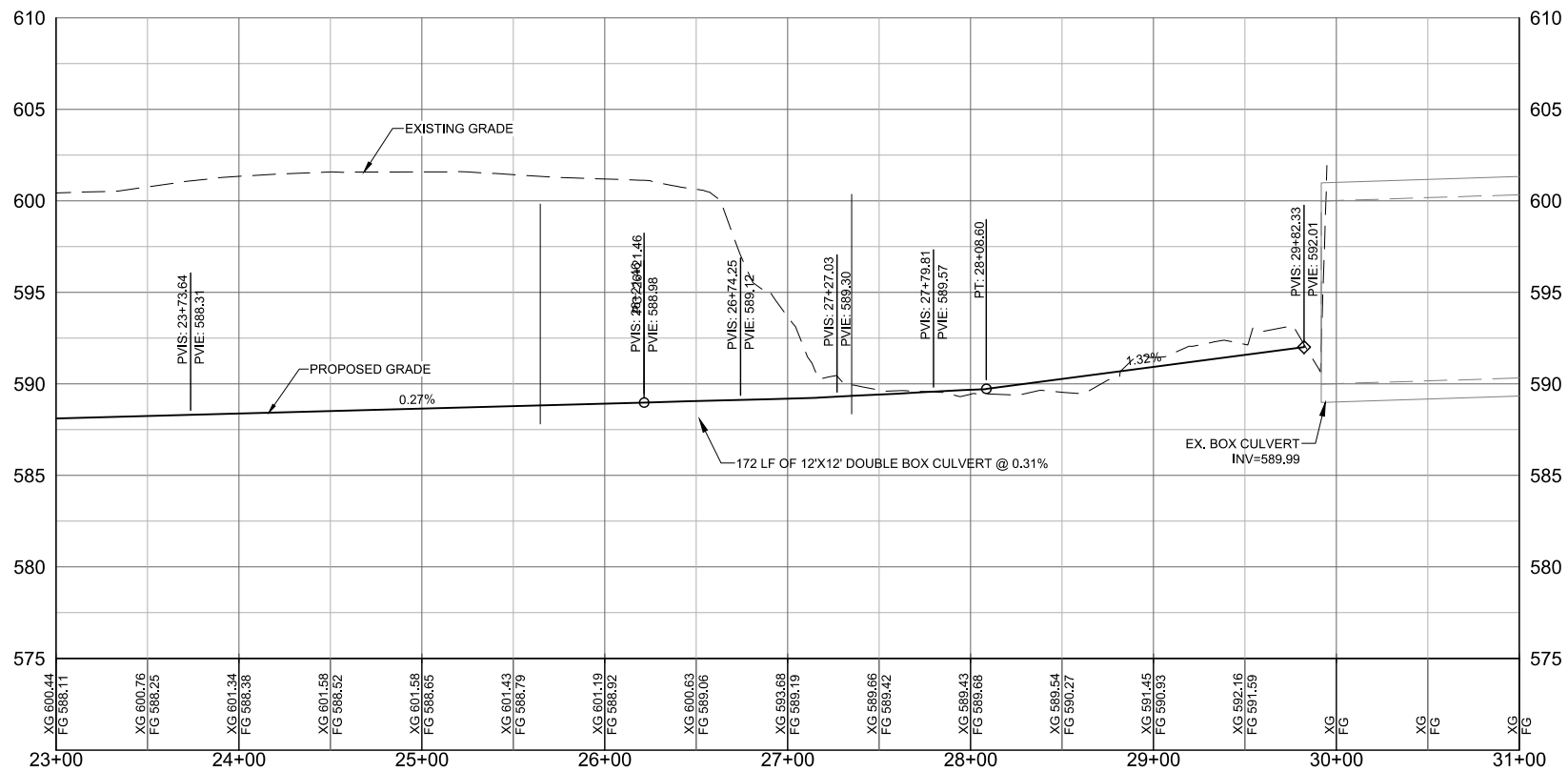
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VILLAGE CREEK PLAN
AND PROFILE - SHEET 2

SHEET NO.

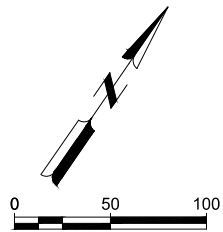
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PLAN VIEW - RELOCATED VILLAGE CREEK



PROFILE VIEW - RELOCATED VILLAGE CREEK



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TAXIWAY A - 400' SEPARATION
VILLAGE CREEK RELOCATION
5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212

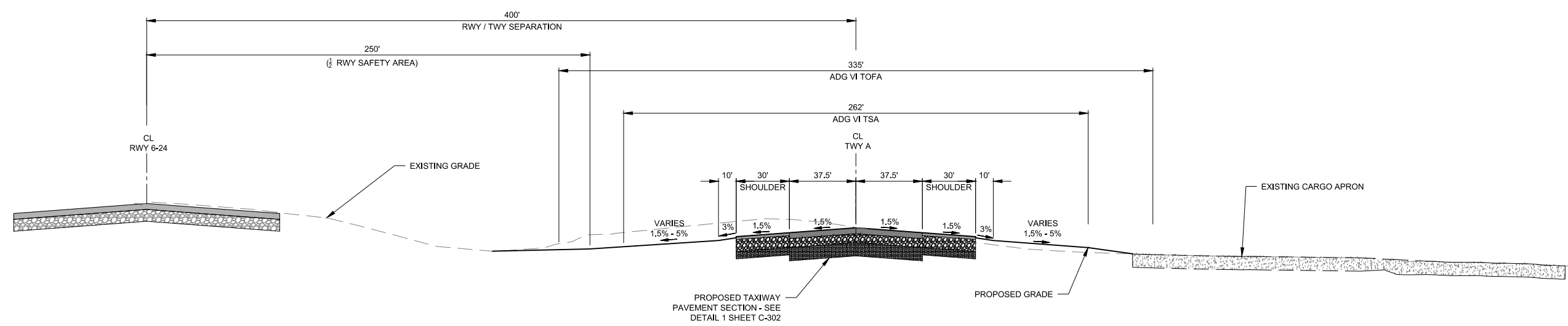
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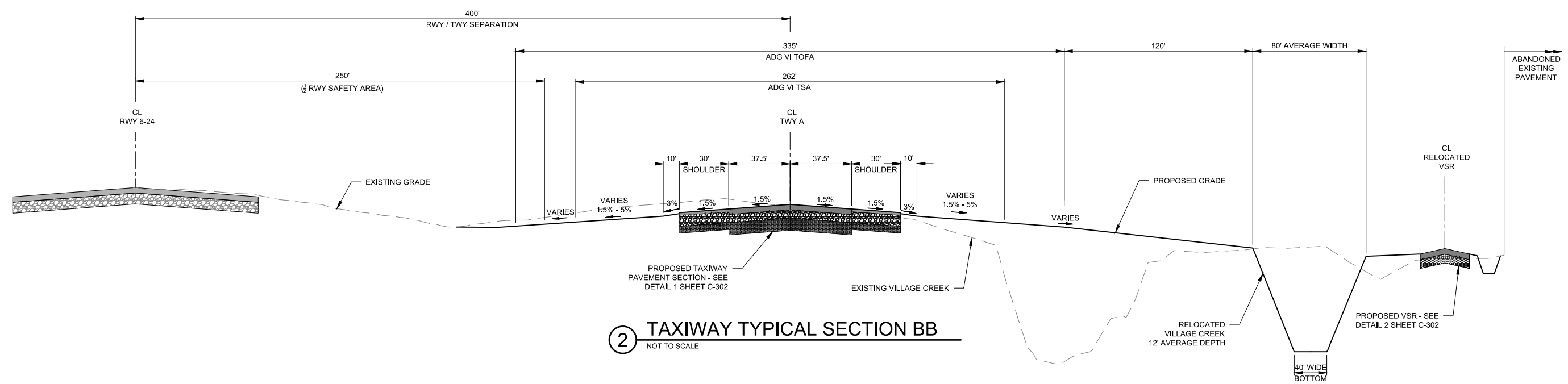
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SHEET CONTENTS
VILLAGE CREEK PLAN
AND PROFILE - SHEET 3

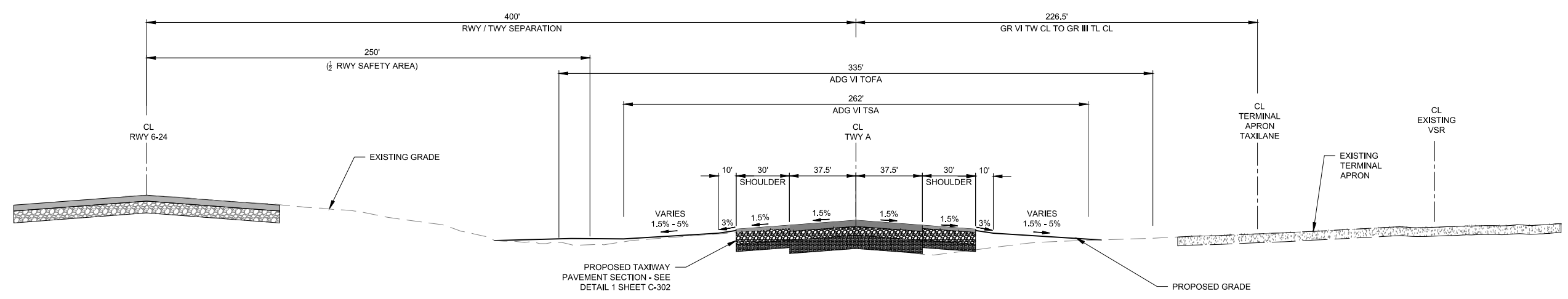
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NOT TO SCALE



2 TAXIWAY TYPICAL SECTION BB
NOT TO SCALE



3 TAXIWAY TYPICAL SECTION CC
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BIRMINGHAM-SHUTTLESWORTH INTERNATIONAL AIRPORT
TAXIWAY A - 400' SEPARATION AND VILLAGE CREEK RELOCATION
5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212

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SHEET CONTENTS
TYPICAL SECTIONS - SHEET 1

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5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212

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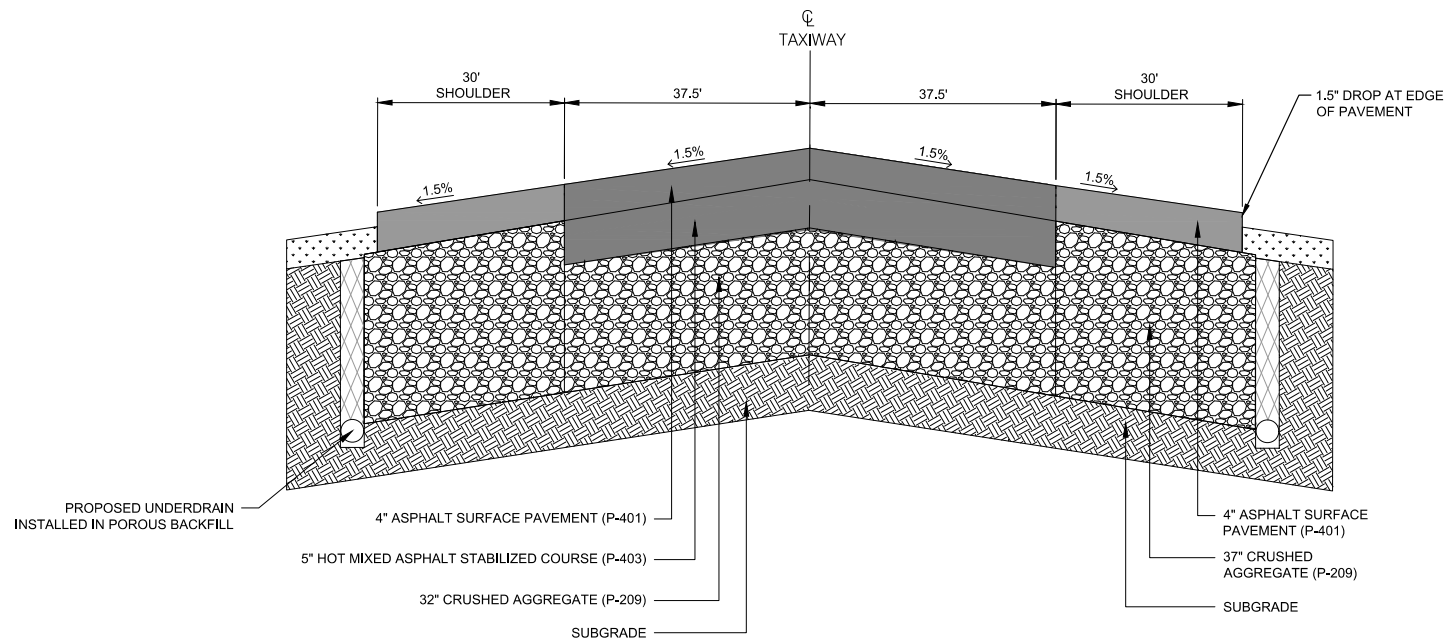
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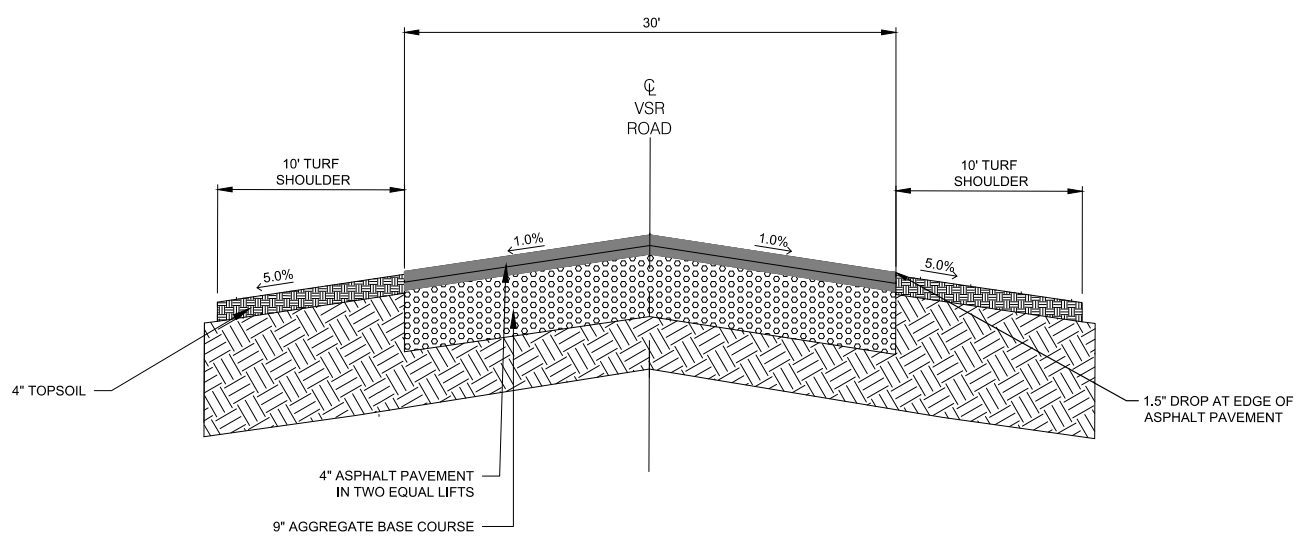
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TYPICAL SECTIONS -
SHEET 2

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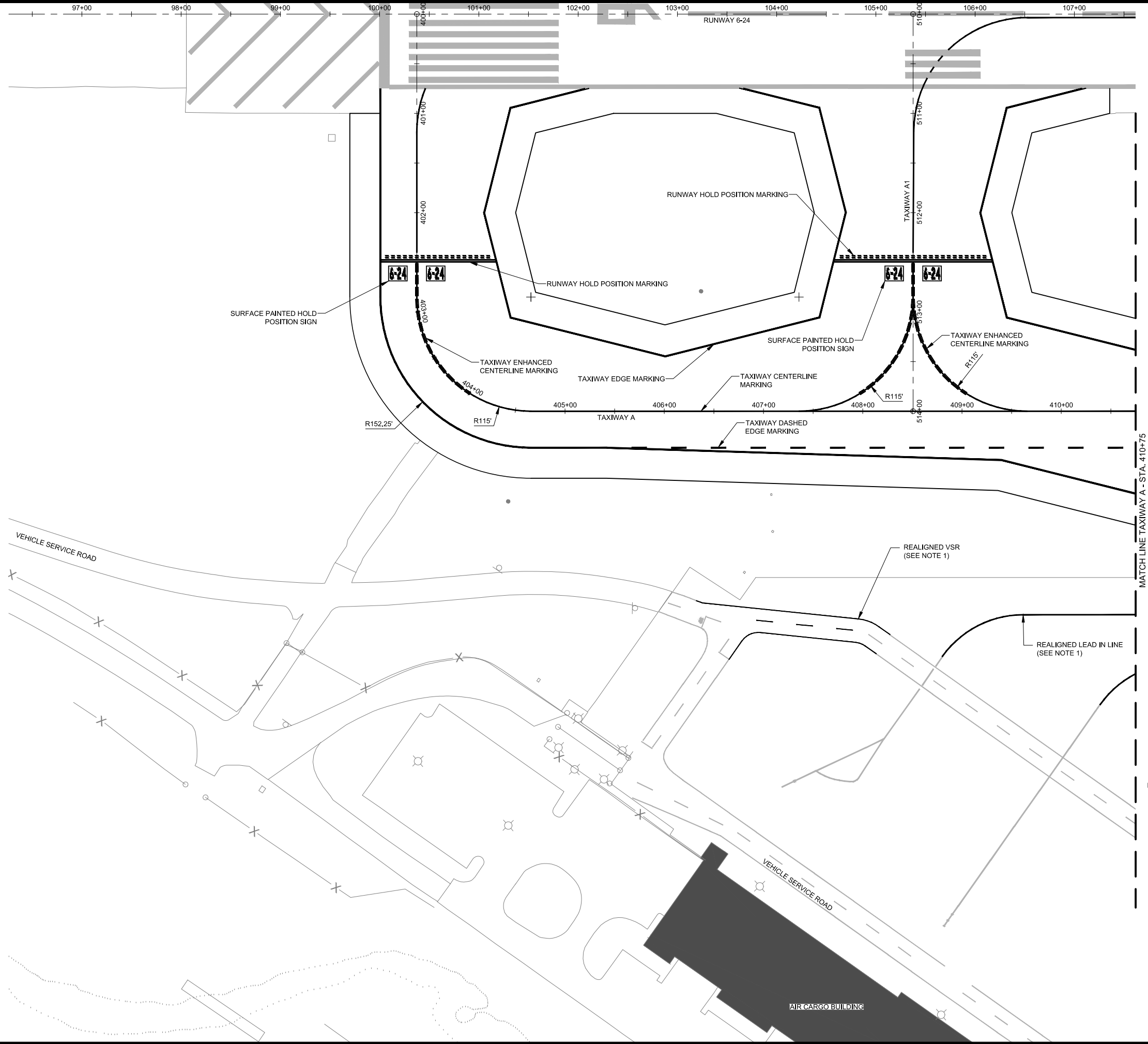
C-302



1 TYPICAL TAXIWAY PAVEMENT SECTION
NOT TO SCALE



2 AIRPORT VSR ROAD SECTION
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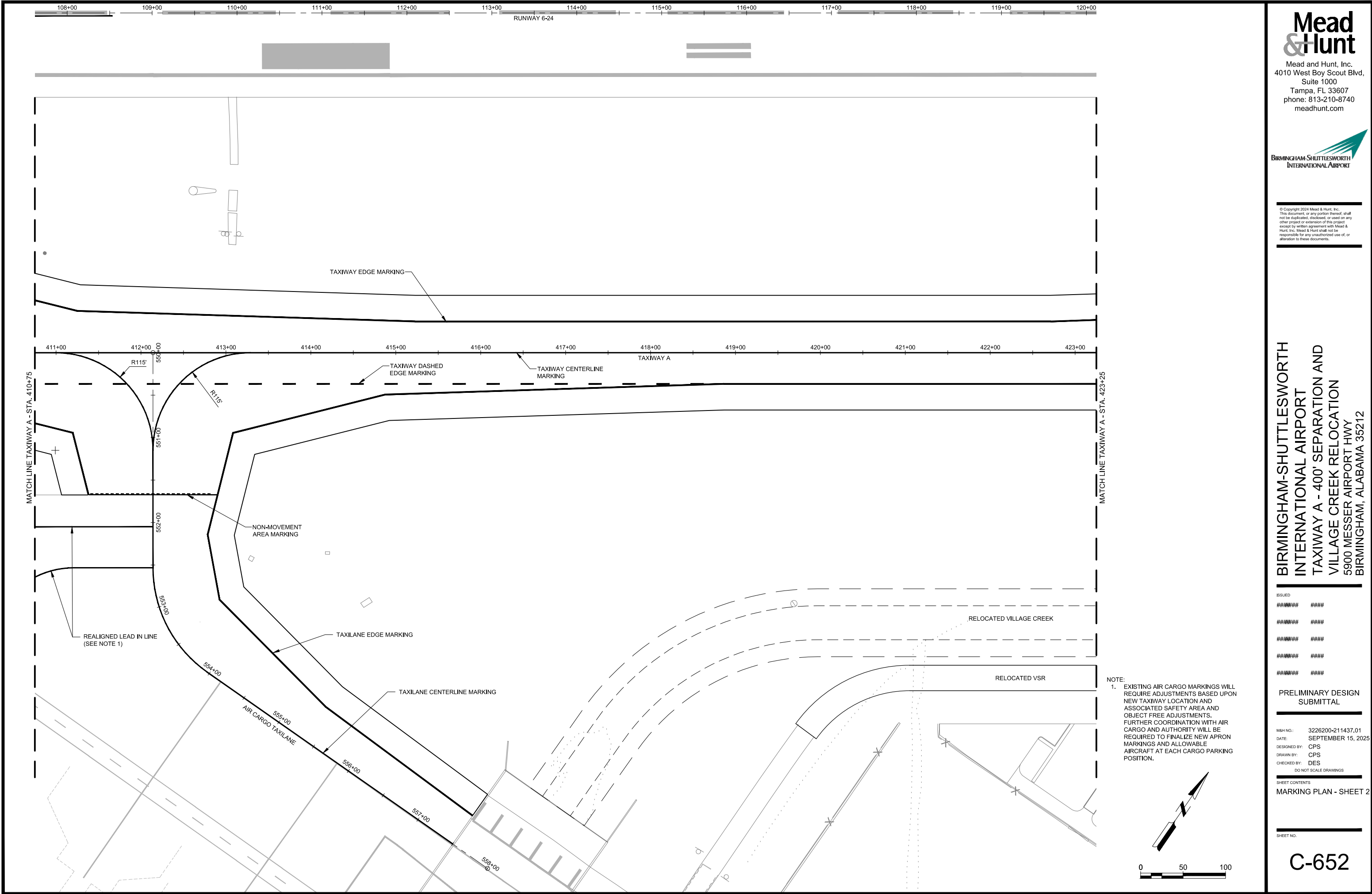
**BIRMINGHAM-SHUTTLESWORTH INTERNATIONAL AIRPORT
TAXIWAY A - 400' SEPARATION AND
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5900 MESSER AIRPORT HWY
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**SHEET CONTENTS
MARKING PLAN - SHEET 1**



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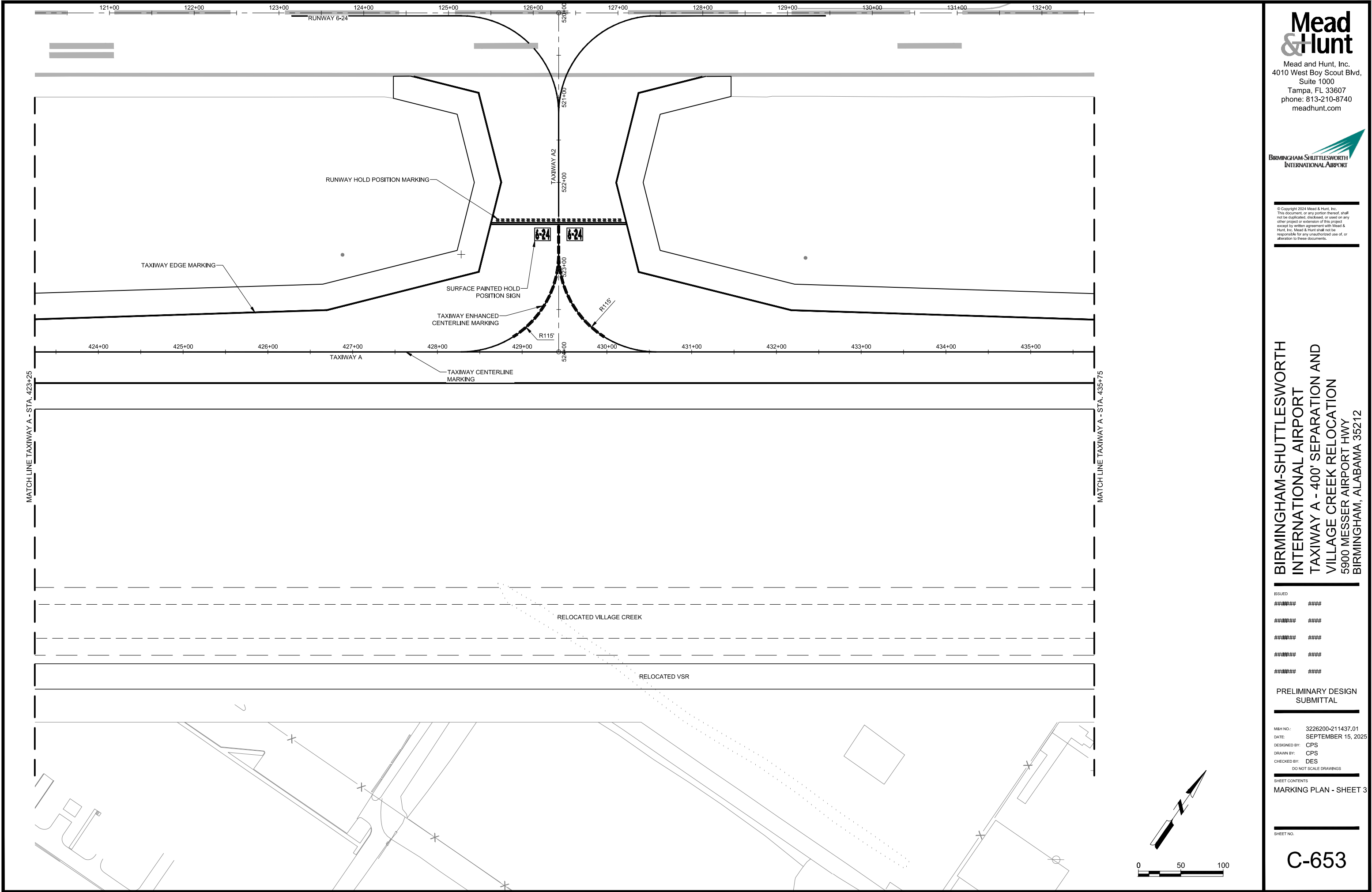
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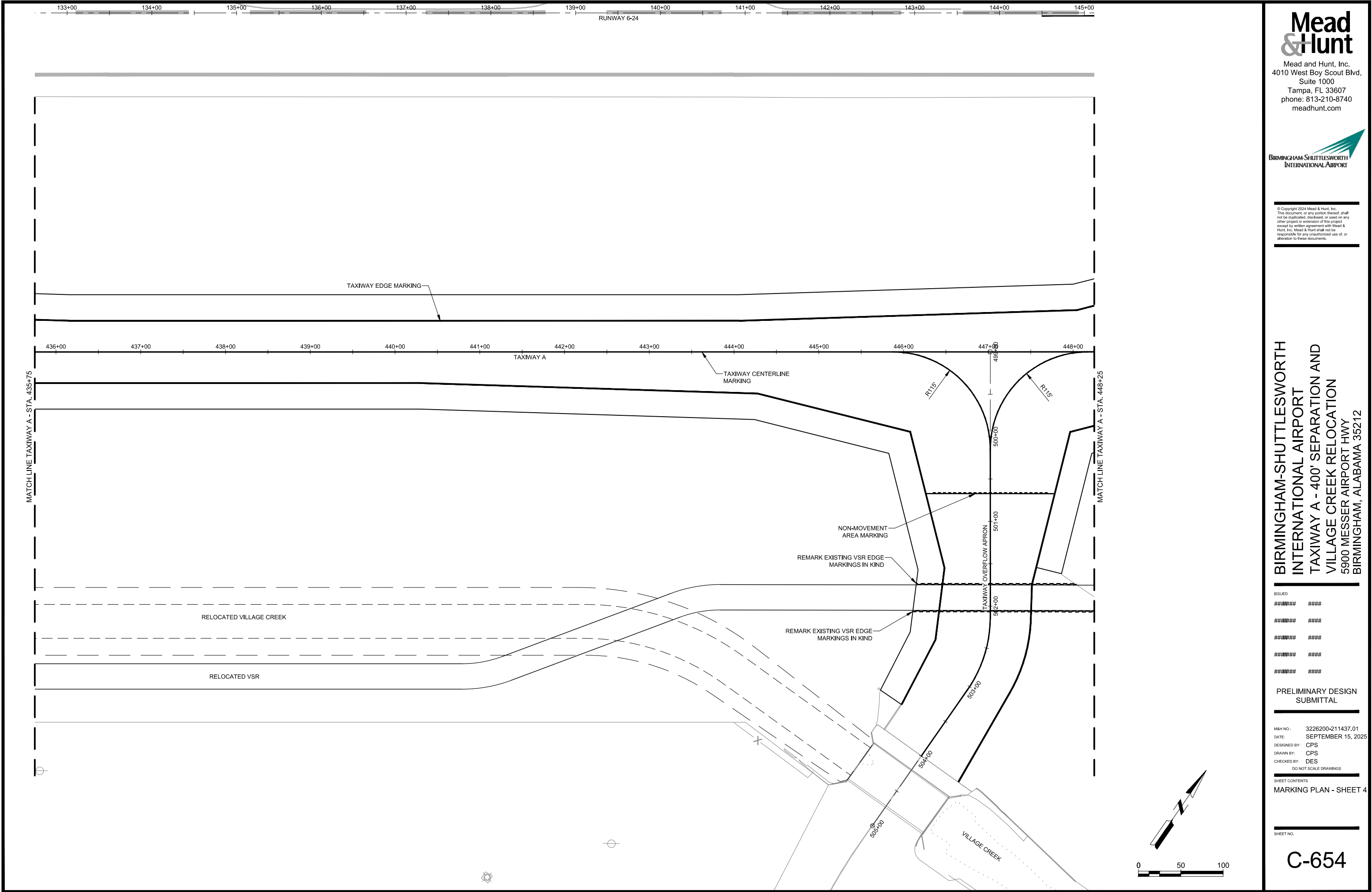
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**SHEET CONTENTS
MARKING PLAN - SHEET 2**

NOTE:
1. EXISTING AIR CARGO MARKINGS WILL REQUIRE ADJUSTMENTS BASED UPON NEW TAXIWAY LOCATION AND ASSOCIATED SAFETY AREA AND OBJECT FREE ADJUSTMENTS. FURTHER COORDINATION WITH AIR CARGO AND AUTHORITY WILL BE REQUIRED TO FINALIZE NEW APRON MARKINGS AND ALLOWABLE AIRCRAFT AT EACH CARGO PARKING POSITION.





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5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212

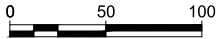
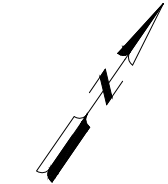
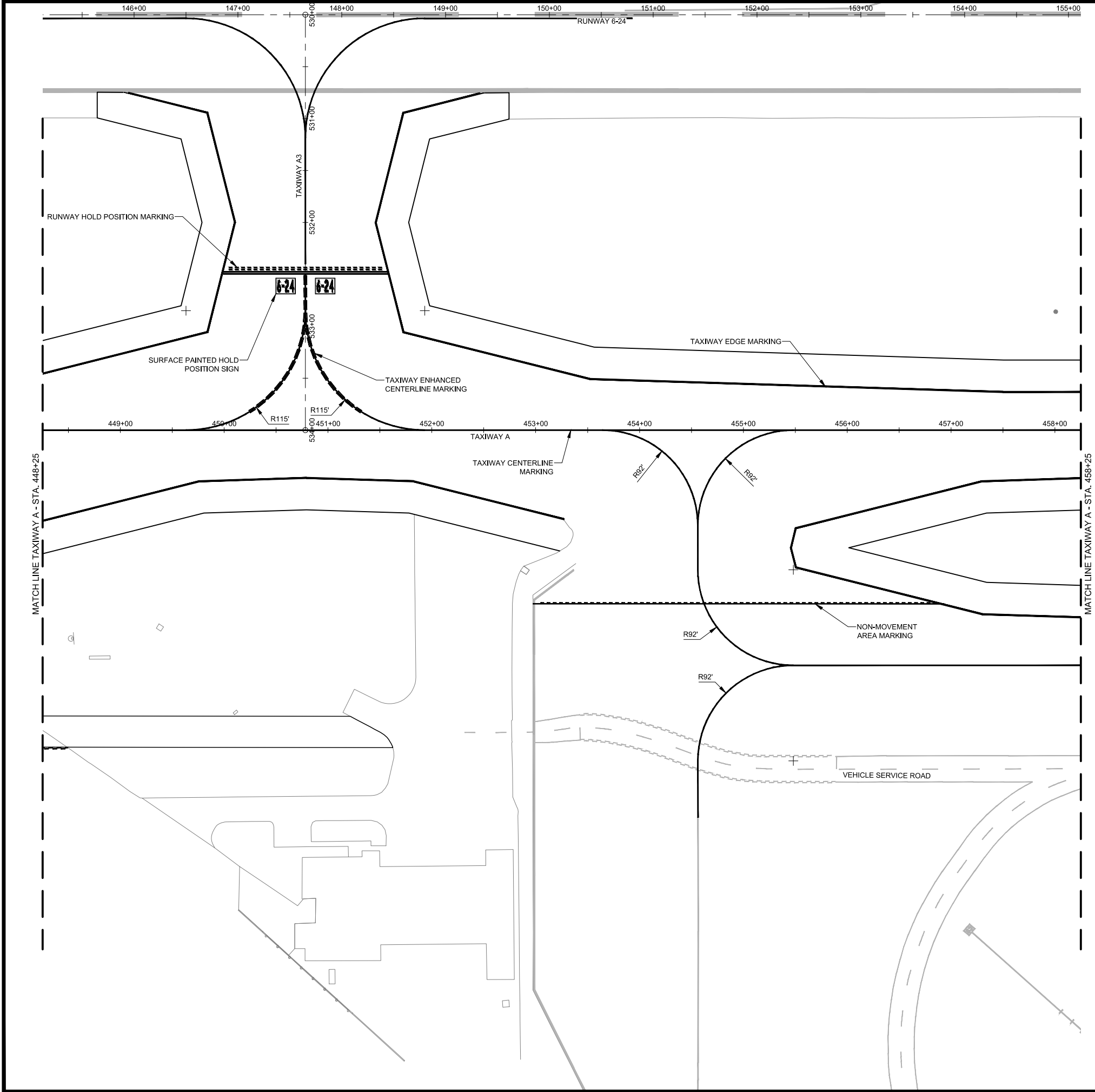
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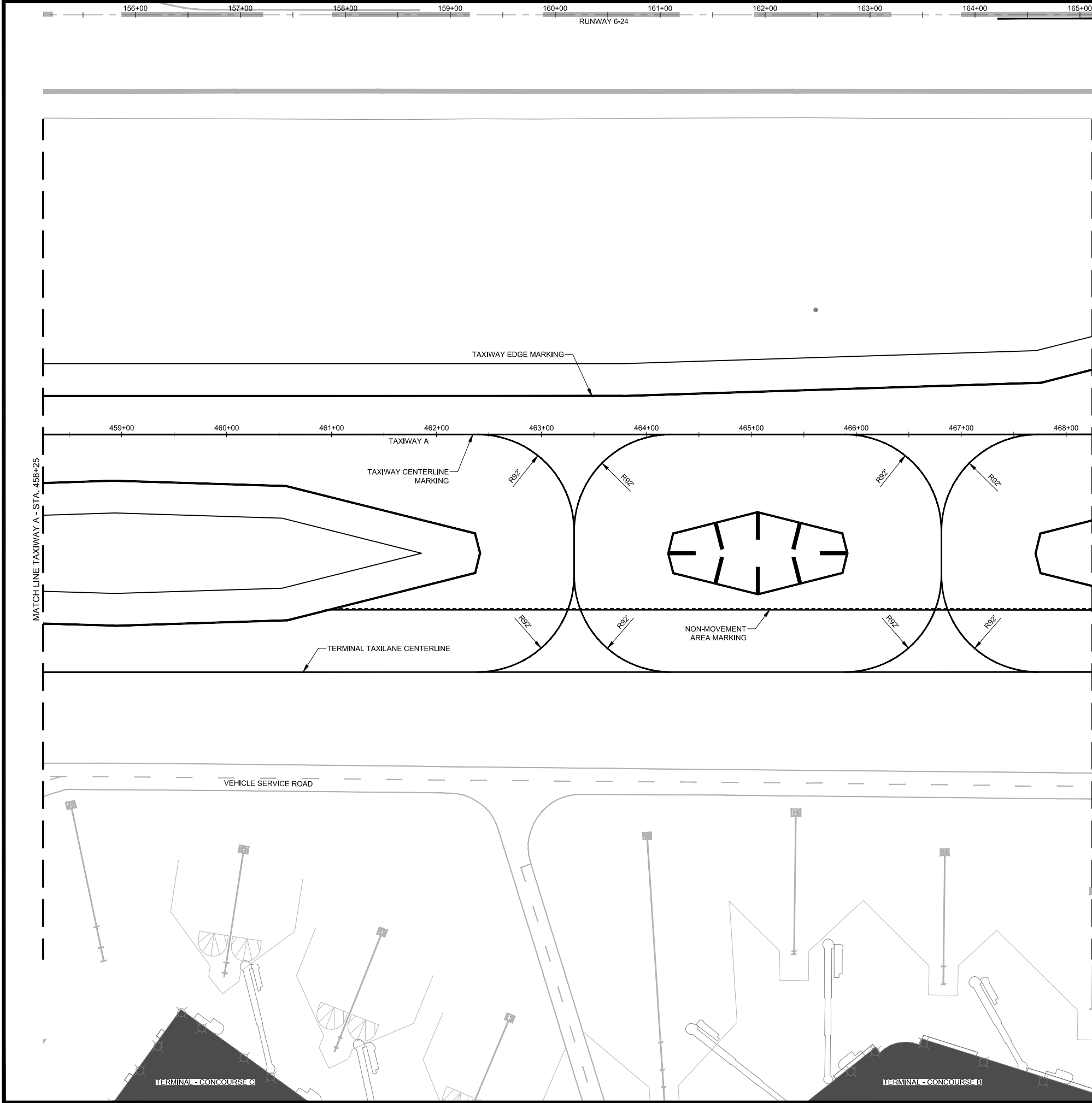
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SHEET CONTENTS
MARKING PLAN - SHEET 4

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5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212**

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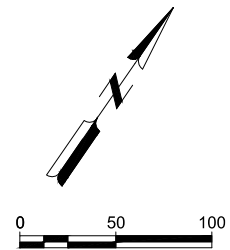
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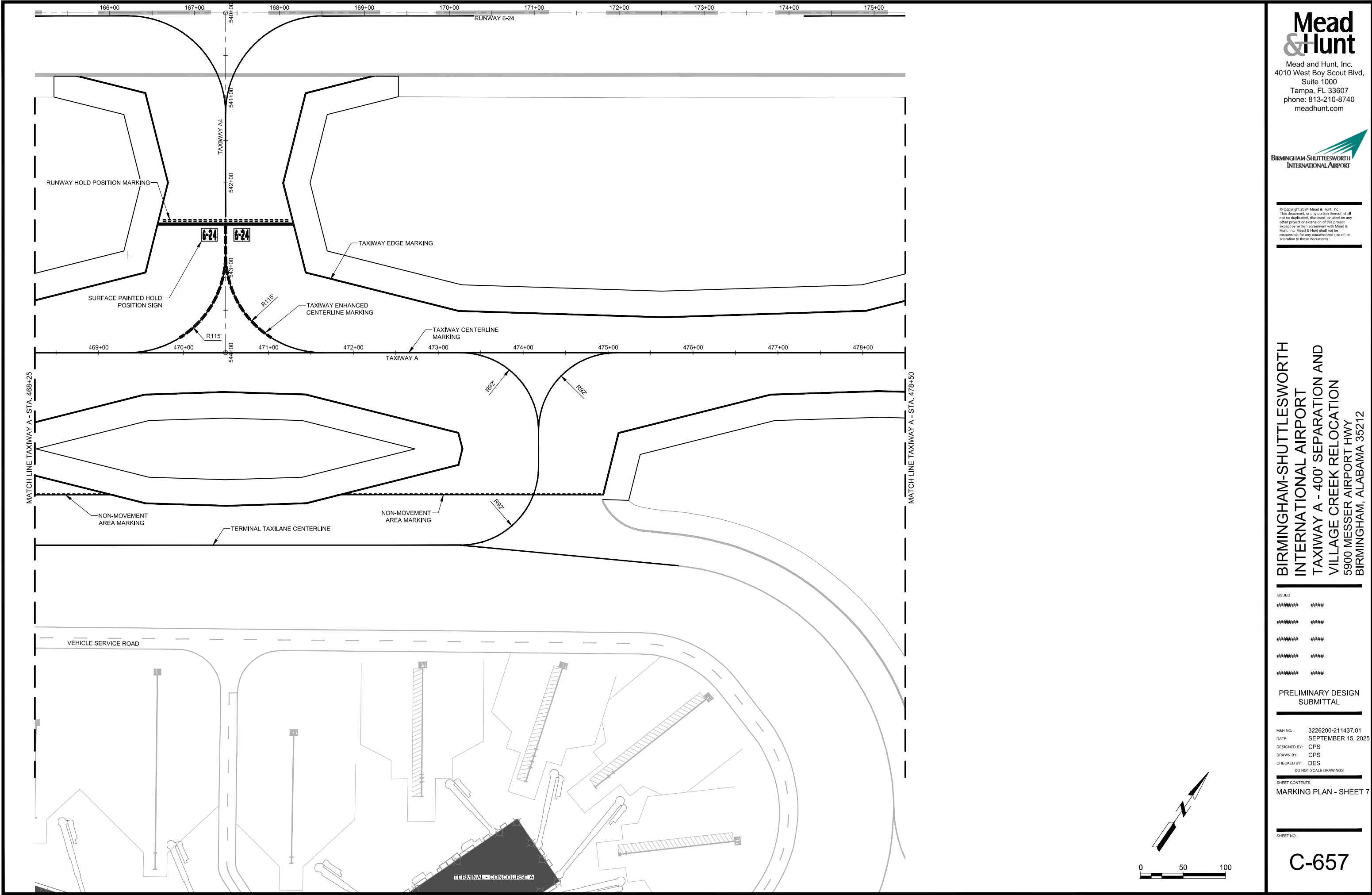
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SHEET CONTENTS
MARKING PLAN - SHEET 6

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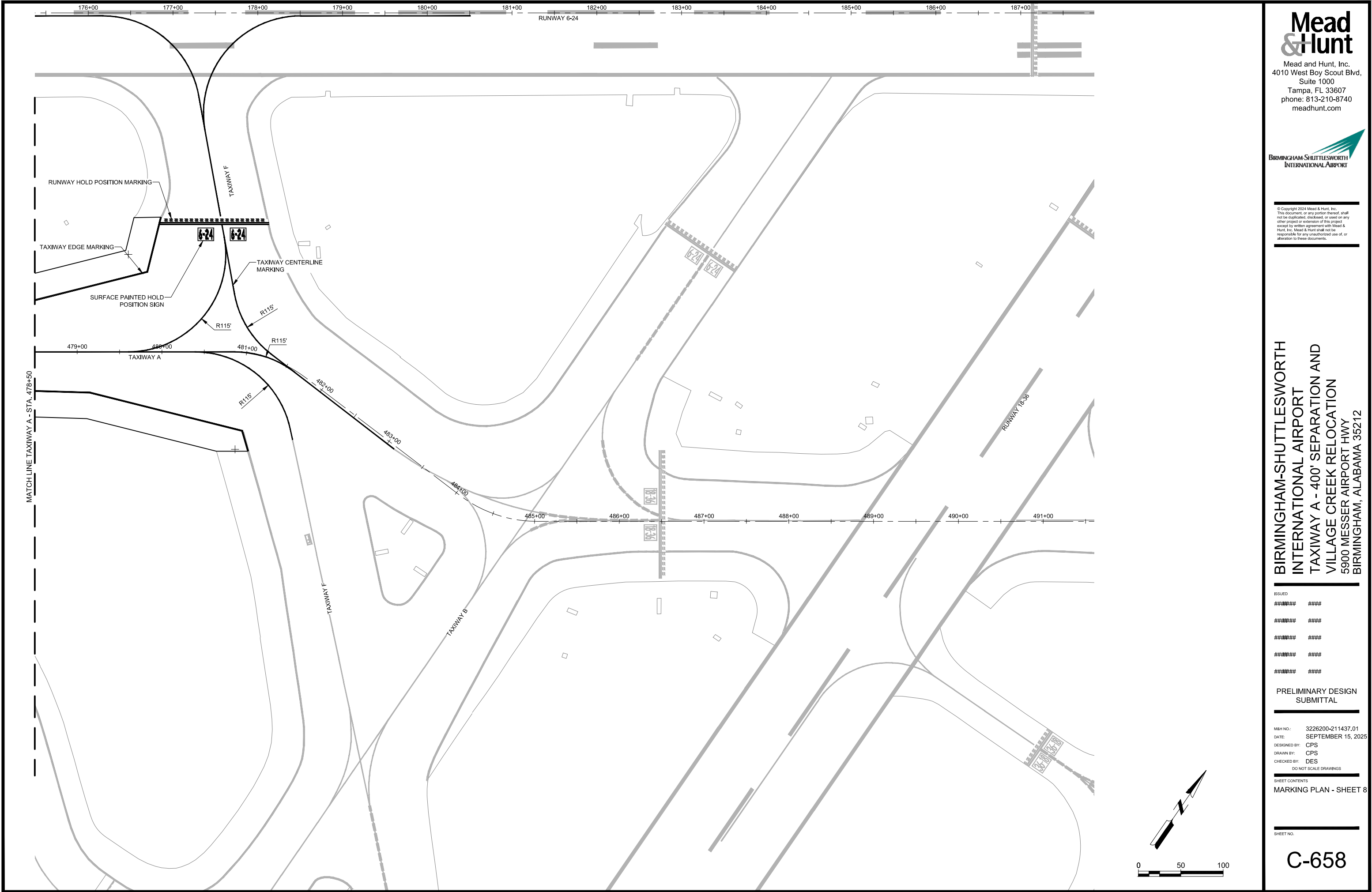
**BIRMINGHAM-SHUTTLESWORTH INTERNATIONAL AIRPORT
TAXIWAY A - 400' SEPARATION AND VILLAGE CREEK RELOCATION
5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212**

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**SHEET CONTENTS
MARKING PLAN - SHEET 7**



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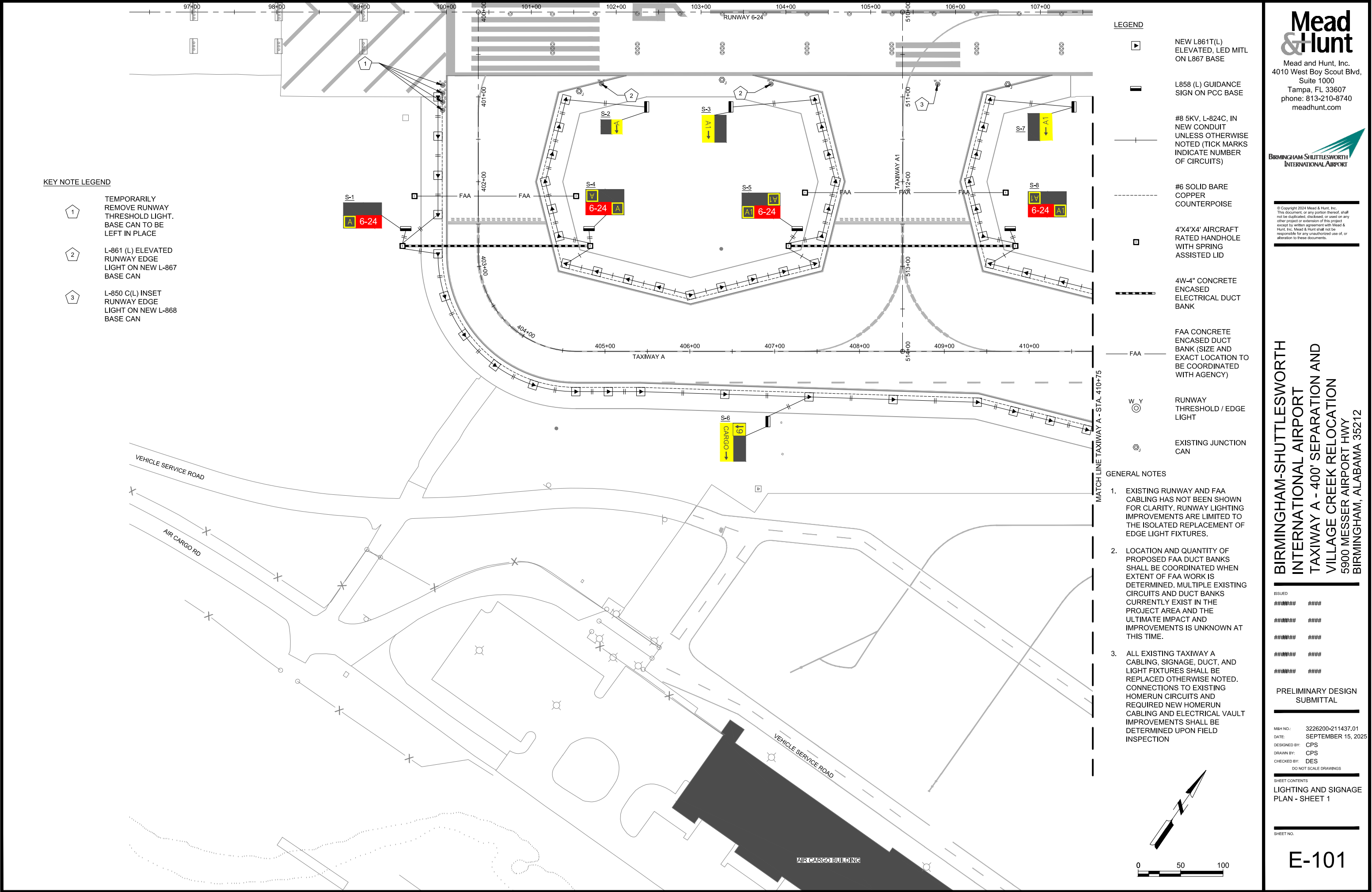
**BIRMINGHAM-SHUTTLESWORTH
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TAXIWAY A - 400' SEPARATION AND
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5900 MESSER AIRPORT HWY
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**SHEET CONTENTS
MARKING PLAN - SHEET 8**



KEY NOTE LEGEND

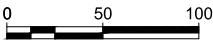
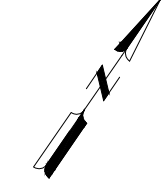
- 1 TEMPORARILY REMOVE RUNWAY THRESHOLD LIGHT. BASE CAN TO BE LEFT IN PLACE
- 2 L-861 (L) ELEVATED RUNWAY EDGE LIGHT ON NEW L-867 BASE CAN
- 3 L-850 C(L) INSET RUNWAY EDGE LIGHT ON NEW L-868 BASE CAN

LEGEND

- NEW L861T(L) ELEVATED, LED MITL ON L867 BASE
- L858 (L) GUIDANCE SIGN ON PCC BASE
- #8 5KV, L-824C, IN NEW CONDUIT UNLESS OTHERWISE NOTED (TICK MARKS INDICATE NUMBER OF CIRCUITS)
- #6 SOLID BARE COPPER COUNTERPOISE
- 4'X4'X4' AIRCRAFT RATED HANDHOLE WITH SPRING ASSISTED LID
- 4W-4" CONCRETE ENCASED ELECTRICAL DUCT BANK
- FAA CONCRETE ENCASED DUCT BANK (SIZE AND EXACT LOCATION TO BE COORDINATED WITH AGENCY)
- W. Y RUNWAY THRESHOLD / EDGE LIGHT
- EXISTING JUNCTION CAN

GENERAL NOTES

- EXISTING RUNWAY AND FAA CABLING HAS NOT BEEN SHOWN FOR CLARITY. RUNWAY LIGHTING IMPROVEMENTS ARE LIMITED TO THE ISOLATED REPLACEMENT OF EDGE LIGHT FIXTURES.
- LOCATION AND QUANTITY OF PROPOSED FAA DUCT BANKS SHALL BE COORDINATED WHEN EXTENT OF FAA WORK IS DETERMINED. MULTIPLE EXISTING CIRCUITS AND DUCT BANKS CURRENTLY EXIST IN THE PROJECT AREA AND THE ULTIMATE IMPACT AND IMPROVEMENTS IS UNKNOWN AT THIS TIME.
- ALL EXISTING TAXIWAY A CABLING, SIGNAGE, DUCT, AND LIGHT FIXTURES SHALL BE REPLACED OTHERWISE NOTED. CONNECTIONS TO EXISTING HOMERUN CIRCUITS AND REQUIRED NEW HOMERUN CABLING AND ELECTRICAL VAULT IMPROVEMENTS SHALL BE DETERMINED UPON FIELD INSPECTION



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TAXIWAY A - 400' SEPARATION AND
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5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212**

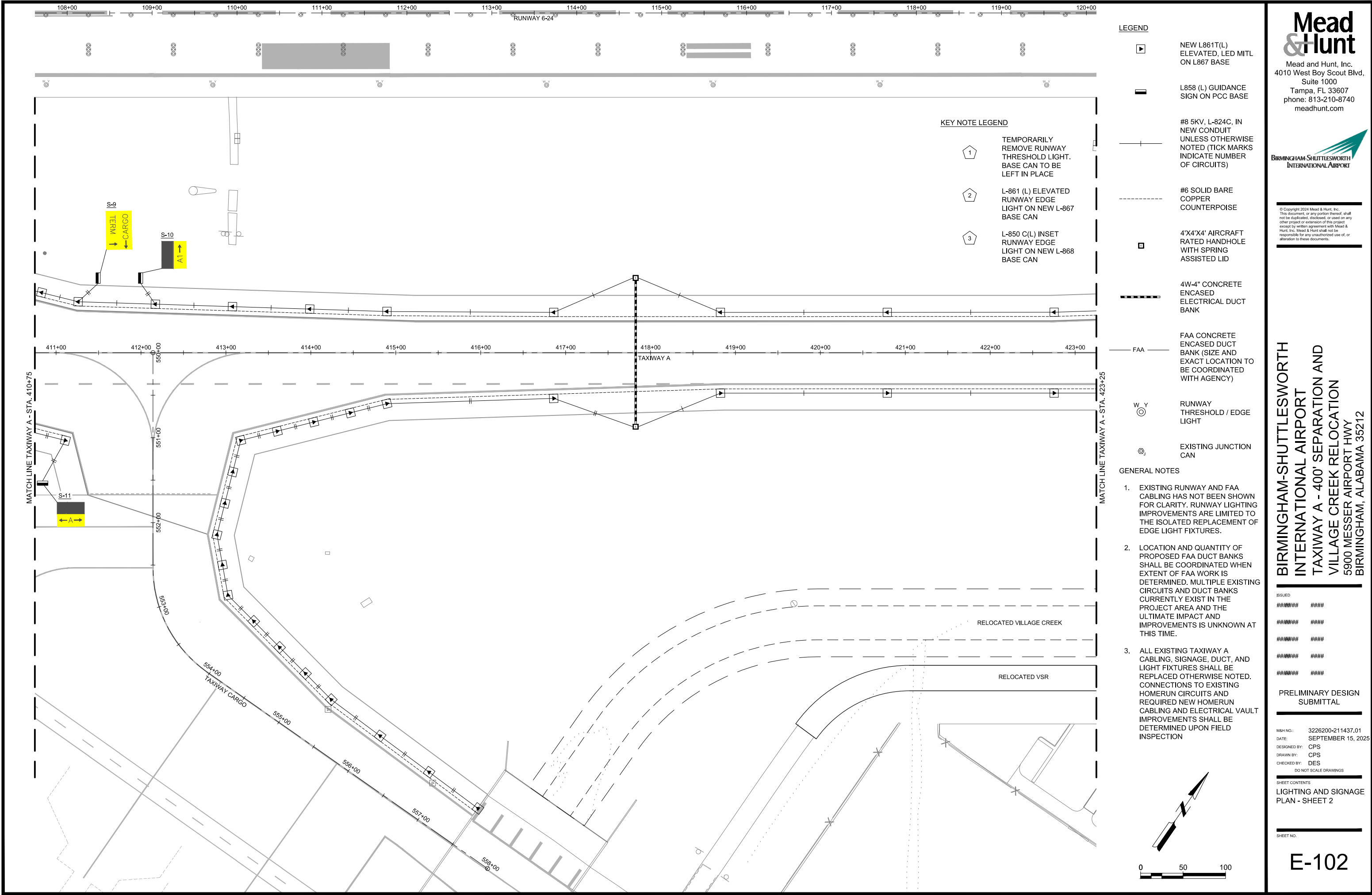
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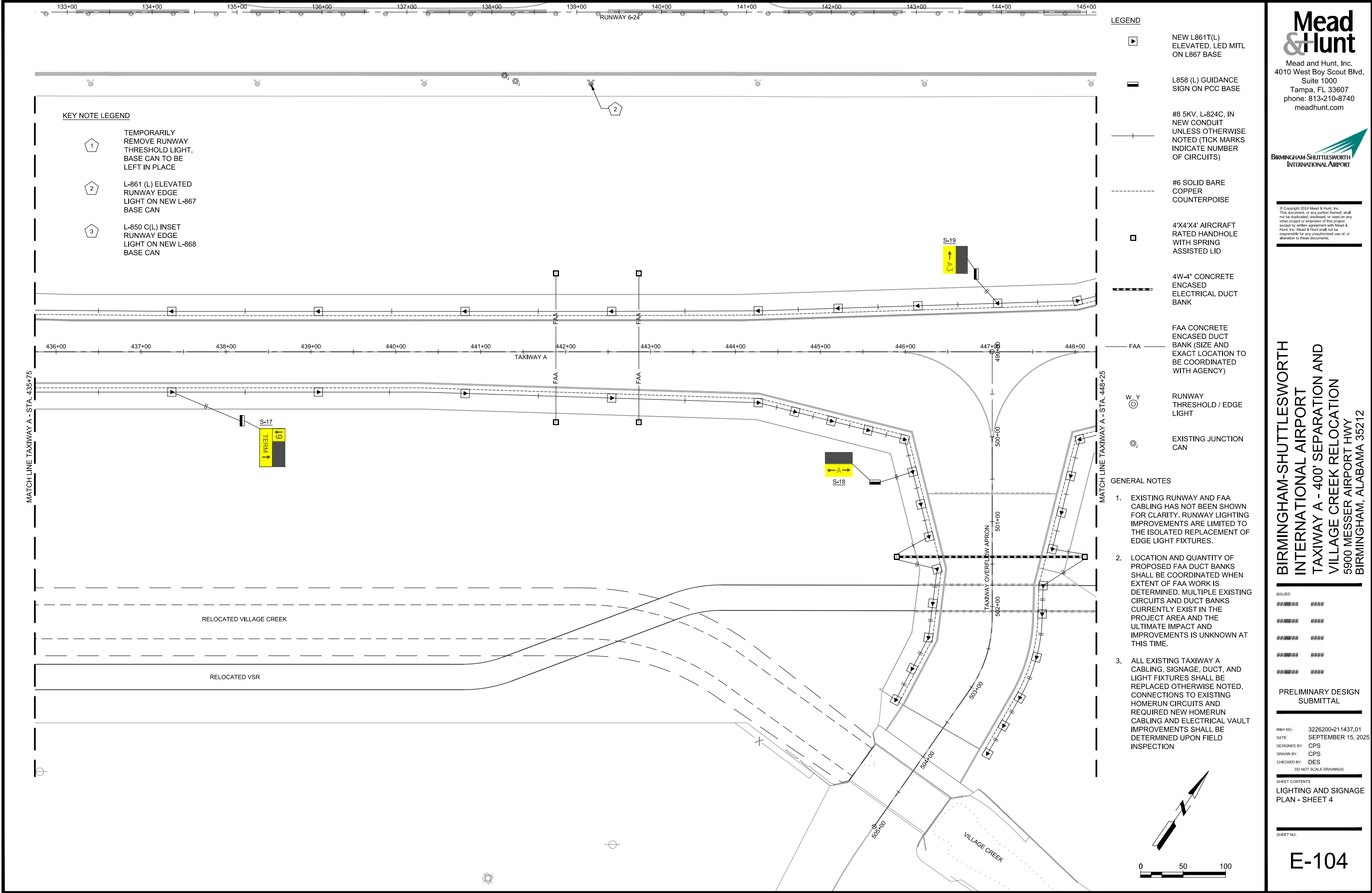
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SHEET CONTENTS
LIGHTING AND SIGNAGE
PLAN - SHEET 1

SHEET NO.





KEY NOTE LEGEND



TEMPORARILY REMOVE RUNWAY THRESHOLD LIGHT. BASE CAN TO BE LEFT IN PLACE



L-861 (L) ELEVATED RUNWAY EDGE LIGHT ON NEW L-867 BASE CAN



L-850 C(L) INSET RUNWAY EDGE LIGHT ON NEW L-868 BASE CAN

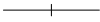
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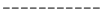
NEW L861T(L) ELEVATED, LED MITL ON L867 BASE



L858 (L) GUIDANCE SIGN ON PCC BASE



#8 5KV, L-824C, IN NEW CONDUIT UNLESS OTHERWISE NOTED (TICK MARKS INDICATE NUMBER OF CIRCUITS)



#6 SOLID BARE COPPER COUNTERPOISE



4'X4'X4' AIRCRAFT RATED HANDHOLE WITH SPRING ASSISTED LID



4W-4" CONCRETE ENCASED ELECTRICAL DUCT BANK



FAA CONCRETE ENCASED DUCT BANK (SIZE AND EXACT LOCATION TO BE COORDINATED WITH AGENCY)



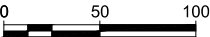
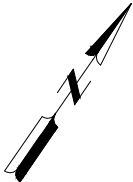
W Y RUNWAY THRESHOLD / EDGE LIGHT



EXISTING JUNCTION CAN

GENERAL NOTES

- EXISTING RUNWAY AND FAA CABLING HAS NOT BEEN SHOWN FOR CLARITY. RUNWAY LIGHTING IMPROVEMENTS ARE LIMITED TO THE ISOLATED REPLACEMENT OF EDGE LIGHT FIXTURES.
- LOCATION AND QUANTITY OF PROPOSED FAA DUCT BANKS SHALL BE COORDINATED WHEN EXTENT OF FAA WORK IS DETERMINED. MULTIPLE EXISTING CIRCUITS AND DUCT BANKS CURRENTLY EXIST IN THE PROJECT AREA AND THE ULTIMATE IMPACT AND IMPROVEMENTS IS UNKNOWN AT THIS TIME.
- ALL EXISTING TAXIWAY A CABLING, SIGNAGE, DUCT, AND LIGHT FIXTURES SHALL BE REPLACED OTHERWISE NOTED. CONNECTIONS TO EXISTING HOMERUN CIRCUITS AND REQUIRED NEW HOMERUN CABLING AND ELECTRICAL VAULT IMPROVEMENTS SHALL BE DETERMINED UPON FIELD INSPECTION



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5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212

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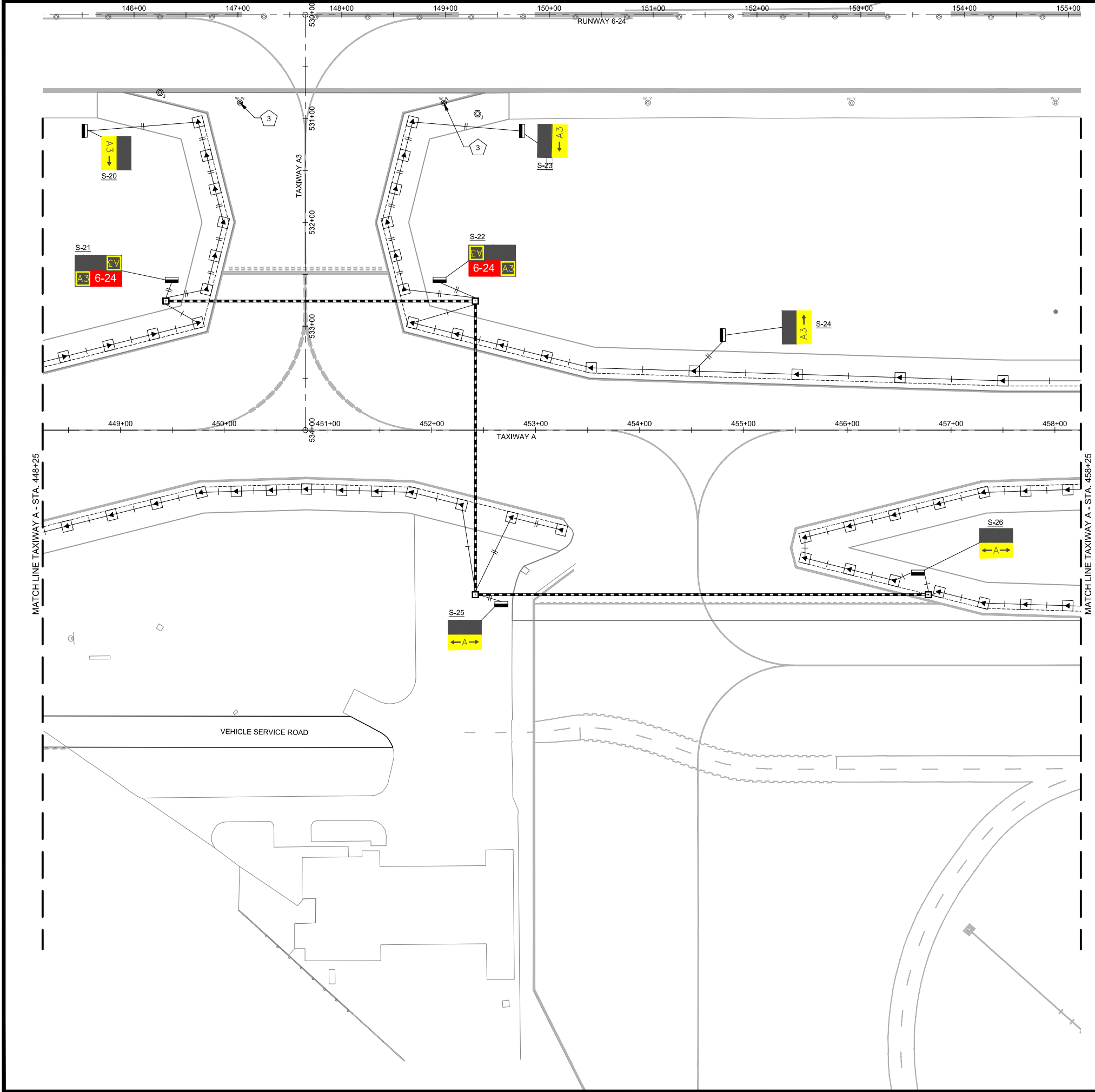
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SHEET CONTENTS
LIGHTING AND SIGNAGE
PLAN - SHEET 4

SHEET NO.

E-104



KEY NOTE LEGEND

- 1 TEMPORARILY REMOVE RUNWAY THRESHOLD LIGHT. BASE CAN TO BE LEFT IN PLACE
- 2 L-861 (L) ELEVATED RUNWAY EDGE LIGHT ON NEW L-867 BASE CAN
- 3 L-850 C(L) INSET RUNWAY EDGE LIGHT ON NEW L-868 BASE CAN

GENERAL NOTES

- EXISTING RUNWAY AND FAA CABLING HAS NOT BEEN SHOWN FOR CLARITY. RUNWAY LIGHTING IMPROVEMENTS ARE LIMITED TO THE ISOLATED REPLACEMENT OF EDGE LIGHT FIXTURES.
- LOCATION AND QUANTITY OF PROPOSED FAA DUCT BANKS SHALL BE COORDINATED WHEN EXTENT OF FAA WORK IS DETERMINED. MULTIPLE EXISTING CIRCUITS AND DUCT BANKS CURRENTLY EXIST IN THE PROJECT AREA AND THE ULTIMATE IMPACT AND IMPROVEMENTS IS UNKNOWN AT THIS TIME.
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LEGEND

- NEW L861T(L) ELEVATED, LED MITL ON L867 BASE
- L858 (L) GUIDANCE SIGN ON PCC BASE
- #8 5KV, L-824C, IN NEW CONDUIT UNLESS OTHERWISE NOTED (TICK MARKS INDICATE NUMBER OF CIRCUITS)
- #6 SOLID BARE COPPER COUNTERPOISE
- 4'X4'X4' AIRCRAFT RATED HANDHOLE WITH SPRING ASSISTED LID
- 4W-4" CONCRETE ENCASED ELECTRICAL DUCT BANK
- FAA CONCRETE ENCASED DUCT BANK (SIZE AND EXACT LOCATION TO BE COORDINATED WITH AGENCY)
- FAA
- W Y RUNWAY THRESHOLD / EDGE LIGHT
- EXISTING JUNCTION CAN

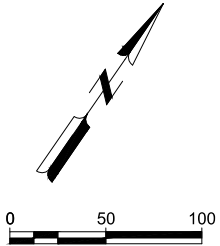
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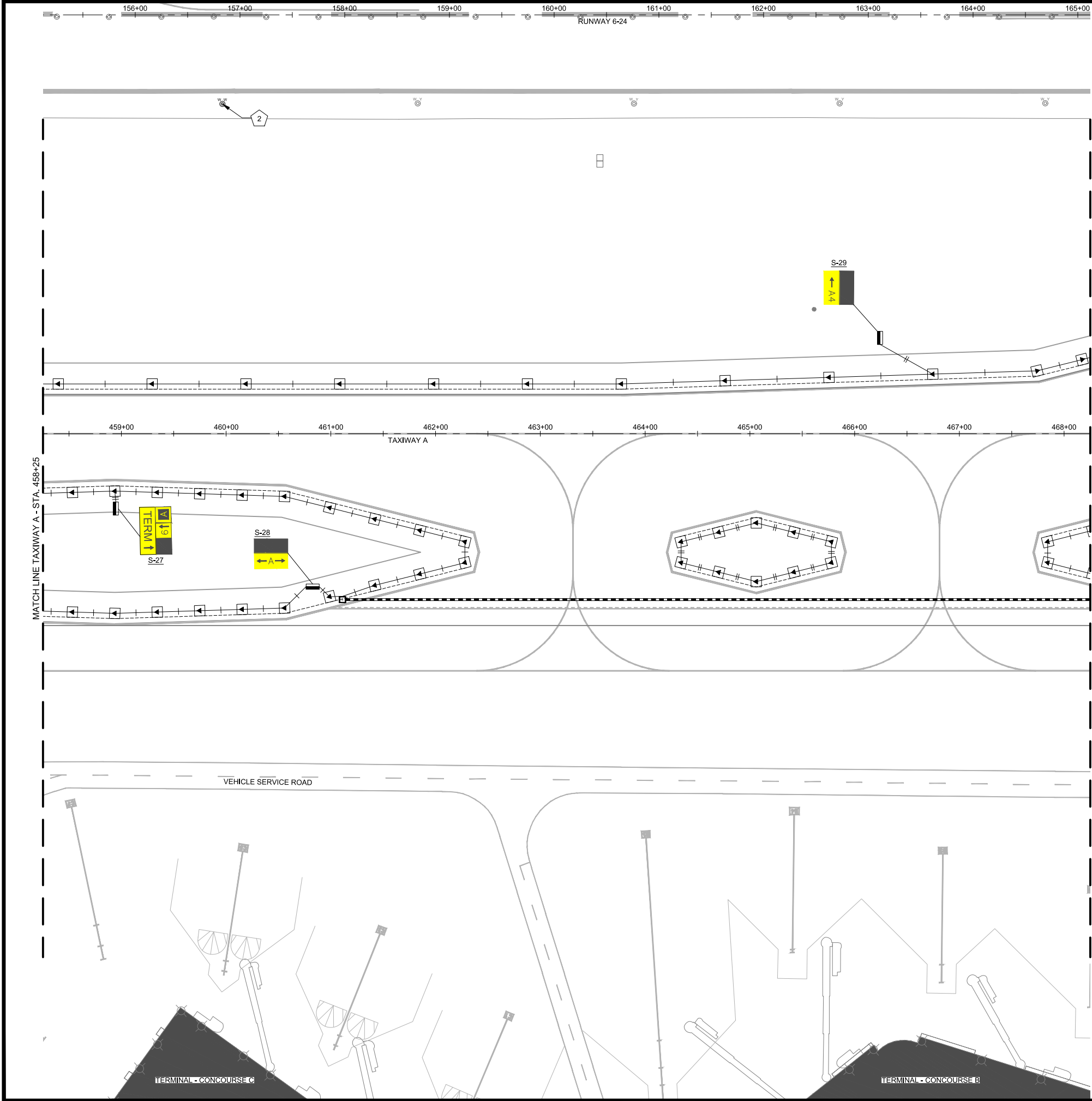
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SHEET CONTENTS
LIGHTING AND SIGNAGE
PLAN - SHEET 5

SHEET NO.





KEY NOTE LEGEND

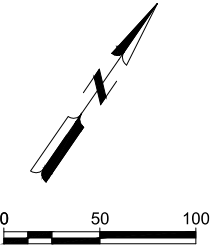
- 1 TEMPORARILY REMOVE RUNWAY THRESHOLD LIGHT. BASE CAN TO BE LEFT IN PLACE
- 2 L-861 (L) ELEVATED RUNWAY EDGE LIGHT ON NEW L-867 BASE CAN
- 3 L-850 C(L) INSET RUNWAY EDGE LIGHT ON NEW L-868 BASE CAN

GENERAL NOTES

1. EXISTING RUNWAY AND FAA CABLING HAS NOT BEEN SHOWN FOR CLARITY. RUNWAY LIGHTING IMPROVEMENTS ARE LIMITED TO THE ISOLATED REPLACEMENT OF EDGE LIGHT FIXTURES.
2. LOCATION AND QUANTITY OF PROPOSED FAA DUCT BANKS SHALL BE COORDINATED WHEN EXTENT OF FAA WORK IS DETERMINED. MULTIPLE EXISTING CIRCUITS AND DUCT BANKS CURRENTLY EXIST IN THE PROJECT AREA AND THE ULTIMATE IMPACT AND IMPROVEMENTS IS UNKNOWN AT THIS TIME.
3. ALL EXISTING TAXIWAY A CABLING, SIGNAGE, DUCT, AND LIGHT FIXTURES SHALL BE REPLACED OTHERWISE NOTED. CONNECTIONS TO EXISTING HOMERUN CIRCUITS AND REQUIRED NEW HOMERUN CABLING AND ELECTRICAL VAULT IMPROVEMENTS SHALL BE DETERMINED UPON FIELD INSPECTION

LEGEND

- NEW L861T(L) ELEVATED, LED MITL ON L867 BASE
- L858 (L) GUIDANCE SIGN ON PCC BASE
- #8 5KV, L-824C, IN NEW CONDUIT UNLESS OTHERWISE NOTED (TICK MARKS INDICATE NUMBER OF CIRCUITS)
- #6 SOLID BARE COPPER COUNTERPOISE
- 4'X4'X4' AIRCRAFT RATED HANDHOLE WITH SPRING ASSISTED LID
- 4W-4" CONCRETE ENCASED ELECTRICAL DUCT BANK
- FAA CONCRETE ENCASED DUCT BANK (SIZE AND EXACT LOCATION TO BE COORDINATED WITH AGENCY)
- FAA
- W Y RUNWAY THRESHOLD / EDGE LIGHT
- EXISTING JUNCTION CAN



Mead & Hunt

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BIRMINGHAM-SHUTTLESWORTH INTERNATIONAL AIRPORT

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TAXIWAY A - 400' SEPARATION AND VILLAGE CREEK RELOCATION
5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212

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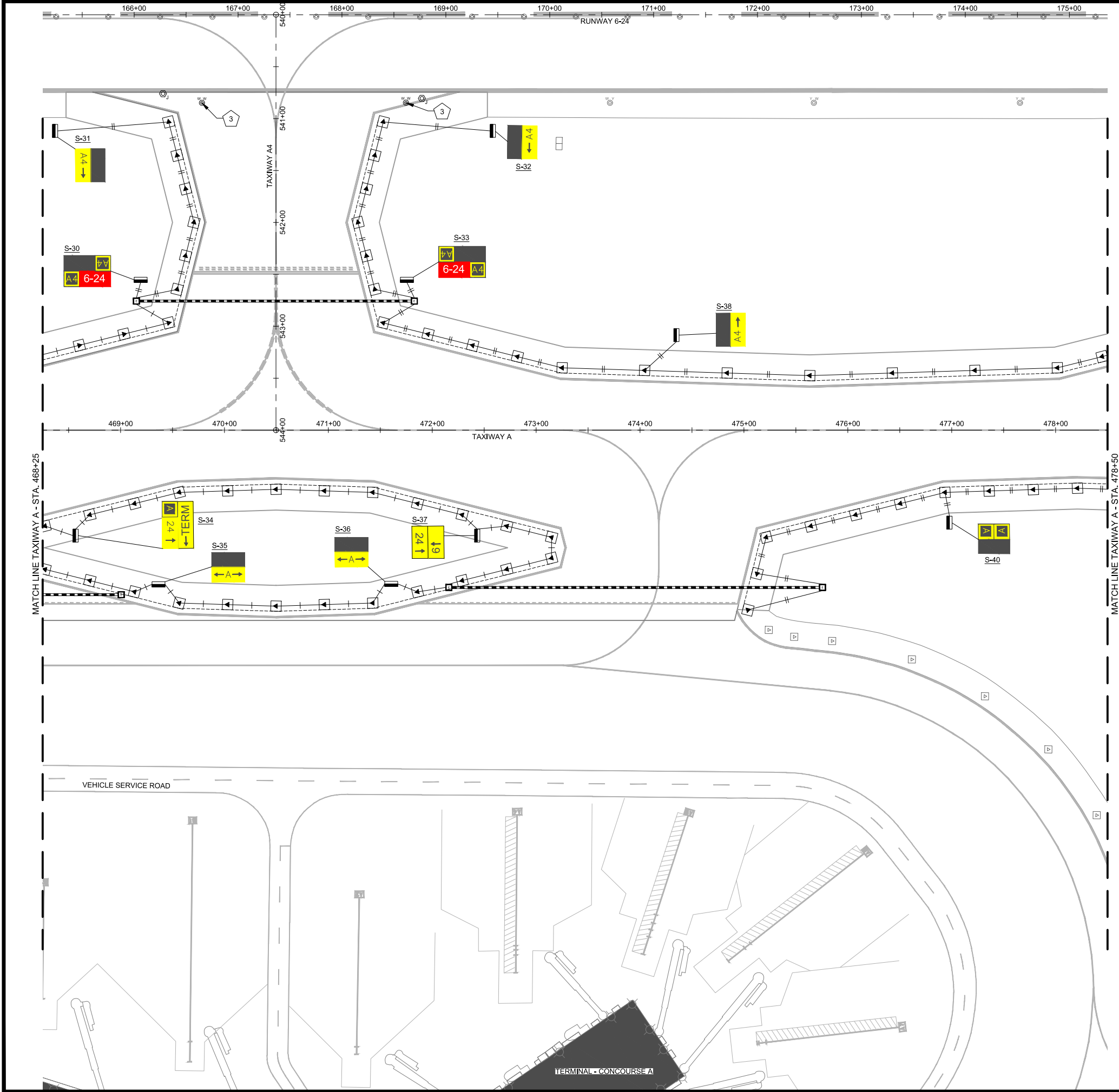
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SHEET CONTENTS
LIGHTING AND SIGNAGE PLAN - SHEET 6

SHEET NO.

E-106



KEY NOTE LEGEND

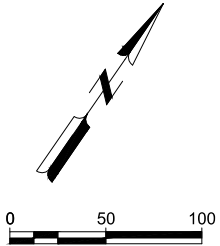
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LEGEND

- NEW L861T(L) ELEVATED, LED MITL ON L867 BASE
- L858 (L) GUIDANCE SIGN ON PCC BASE
- #8 5KV, L-824C, IN NEW CONDUIT UNLESS OTHERWISE NOTED (TICK MARKS INDICATE NUMBER OF CIRCUITS)
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- FAA CONCRETE ENCASED DUCT BANK (SIZE AND EXACT LOCATION TO BE COORDINATED WITH AGENCY)
- FAA
- W Y RUNWAY THRESHOLD / EDGE LIGHT
- EXISTING JUNCTION CAN



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TAXIWAY A - 400' SEPARATION AND VILLAGE CREEK RELOCATION
5900 MESSER AIRPORT HWY
BIRMINGHAM, ALABAMA 35212

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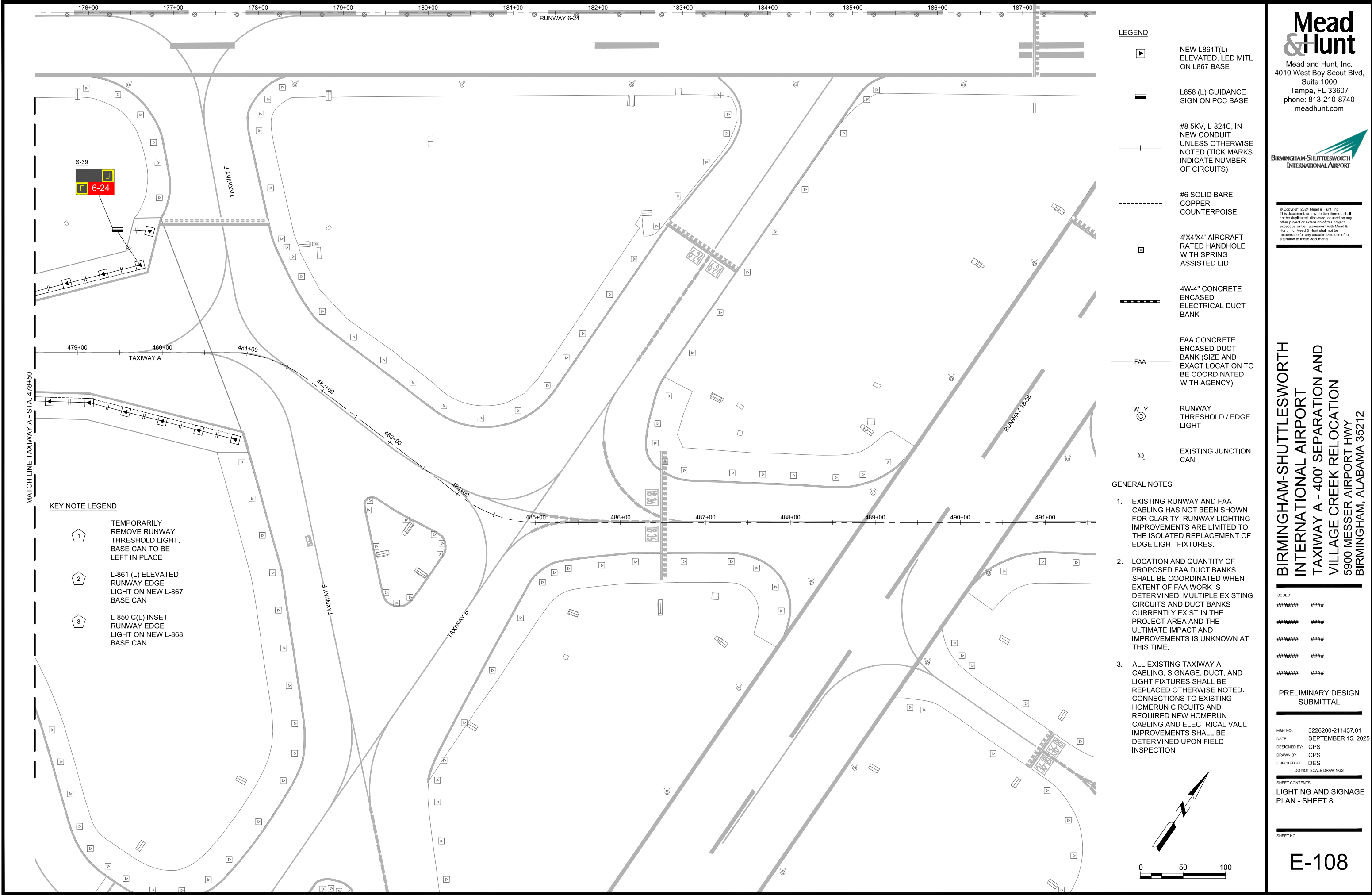
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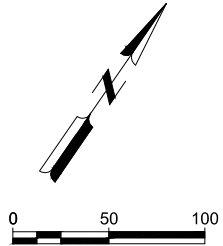
SHEET CONTENTS
LIGHTING AND SIGNAGE PLAN - SHEET 7

SHEET NO.
E-107



- LEGEND
- NEW L861T(L) ELEVATED, LED MITL ON L867 BASE
 - L858 (L) GUIDANCE SIGN ON PCC BASE
 - #8 5KV, L-824C, IN NEW CONDUIT UNLESS OTHERWISE NOTED (TICK MARKS INDICATE NUMBER OF CIRCUITS)
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 - 4'X4'X4' AIRCRAFT RATED HANDHOLE WITH SPRING ASSISTED LID
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 - FAA CONCRETE ENCASED DUCT BANK (SIZE AND EXACT LOCATION TO BE COORDINATED WITH AGENCY)
 - W Y RUNWAY THRESHOLD / EDGE LIGHT
 - EXISTING JUNCTION CAN

- GENERAL NOTES
- EXISTING RUNWAY AND FAA CABLING HAS NOT BEEN SHOWN FOR CLARITY. RUNWAY LIGHTING IMPROVEMENTS ARE LIMITED TO THE ISOLATED REPLACEMENT OF EDGE LIGHT FIXTURES.
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SHEET CONTENTS
LIGHTING AND SIGNAGE
PLAN - SHEET 8

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