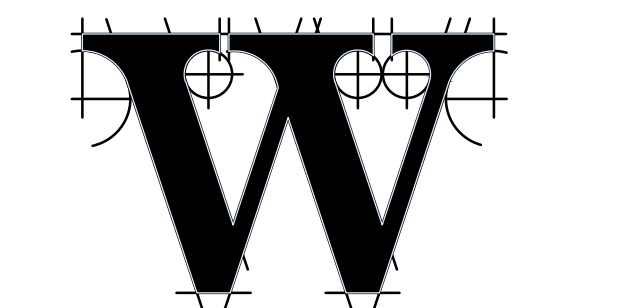
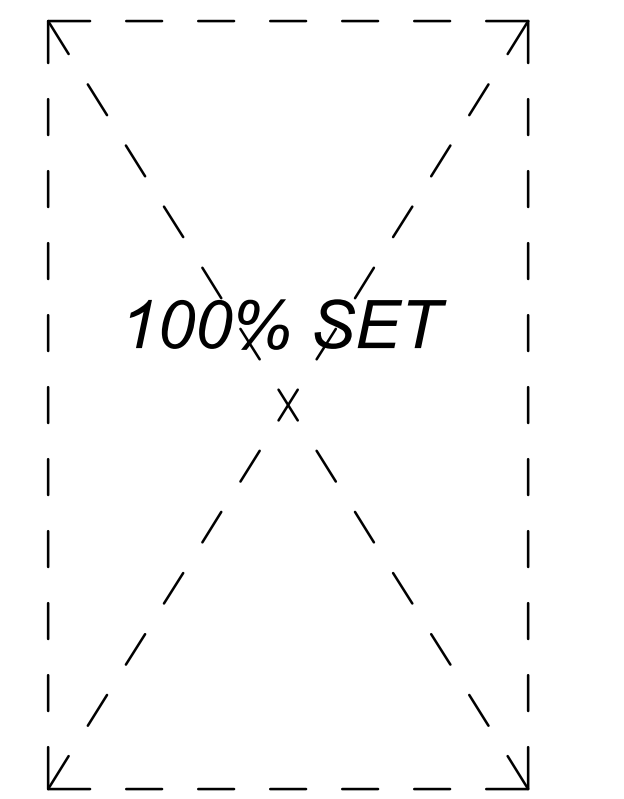


TERMINAL IMPROVEMENTS CONTRACT 3

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LS3P

STRUCTURAL ENGINEER
STEWART

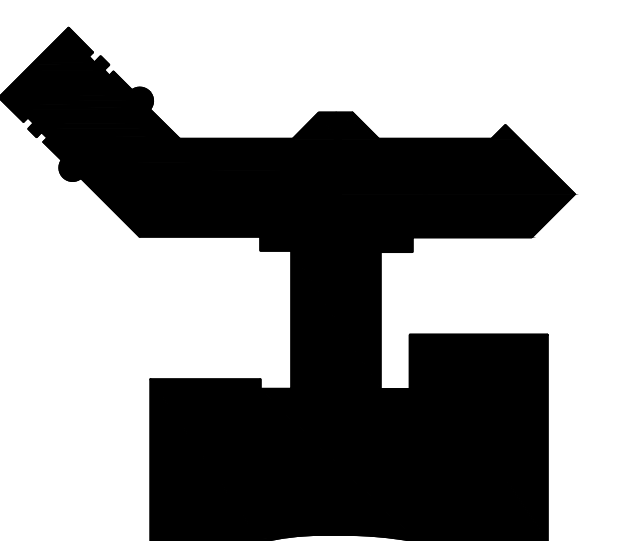
FP/PI/E ENGINEER
CHEATHAM & ASSOC.

BAGGAGE HANDLING CONSULTANTS
BNP

AIRCRAFT SUPPORT SYSTEMS
DK CONSULTANTS

SPECIALTY LIGHTING CONSULTANT
HARTRANFT

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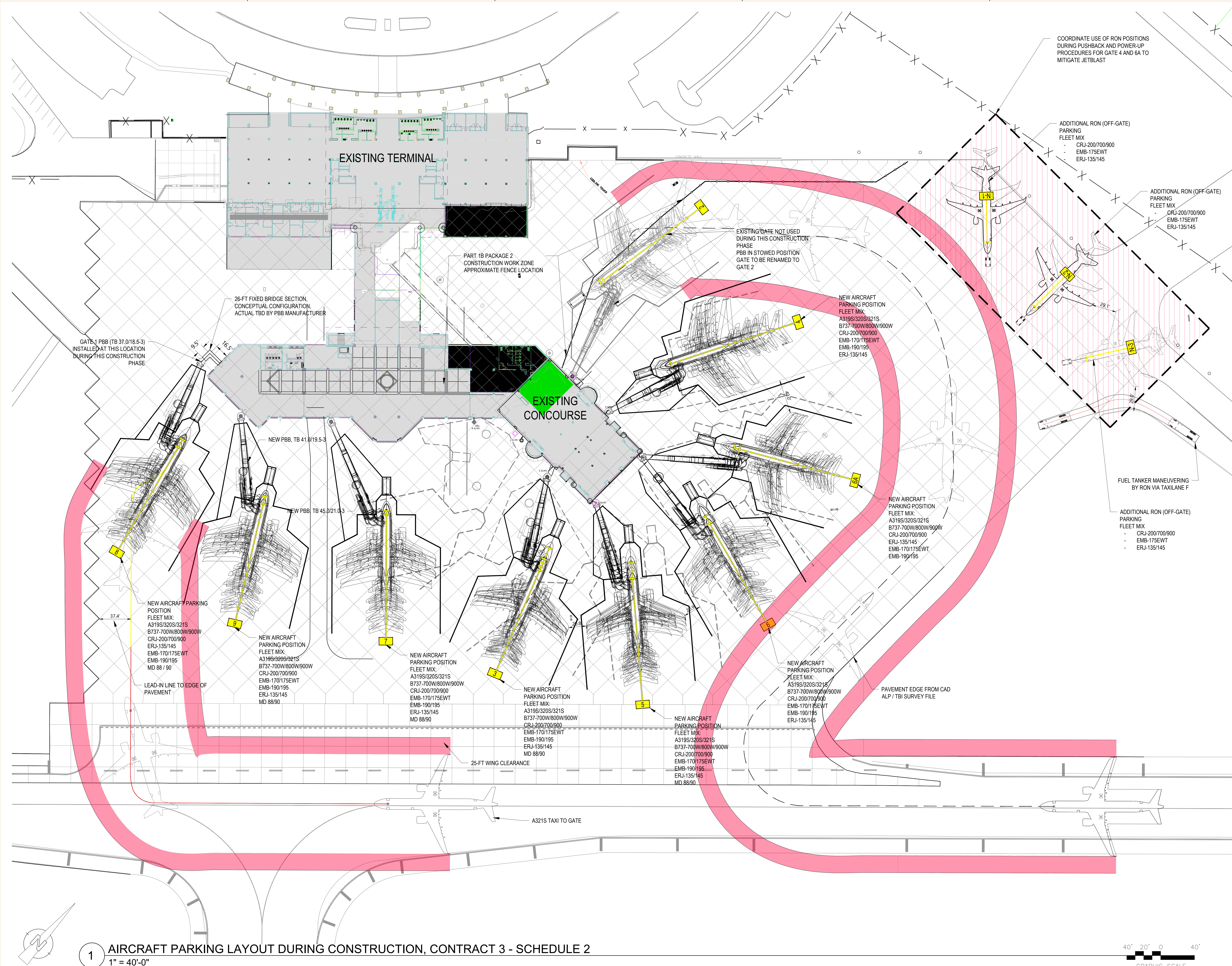
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DATE 6/28/2019
PROJECT NUMBER 9202-000
SHEET TITLE

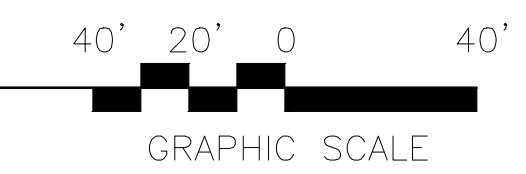
AIRCRAFT PARKING LAYOUT DURING CONSTRUCTION - CONTRACT 3, SCHEDULE 2

SHEET NUMBER

ACP-102

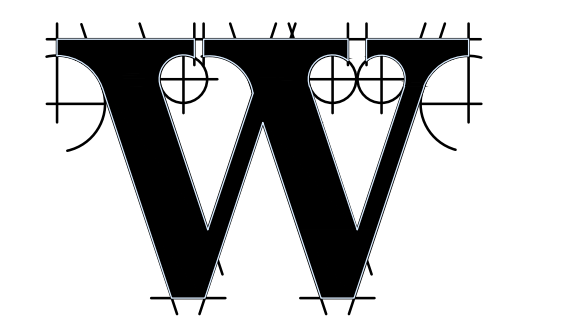
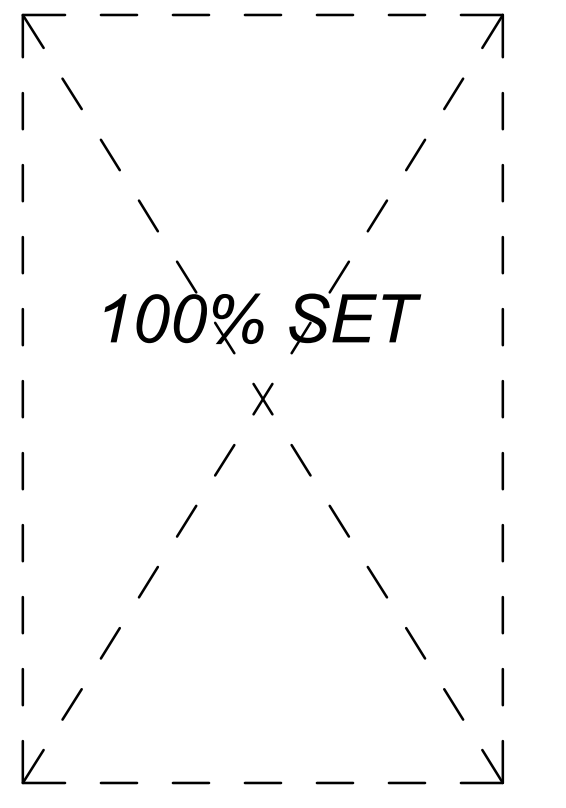


1 AIRCRAFT PARKING LAYOUT DURING CONSTRUCTION, CONTRACT 3 - SCHEDULE 2
1" = 40'-0"



**TERMINAL
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CONTRACT 3**

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STRUCTURAL ENGINEER
STEWART

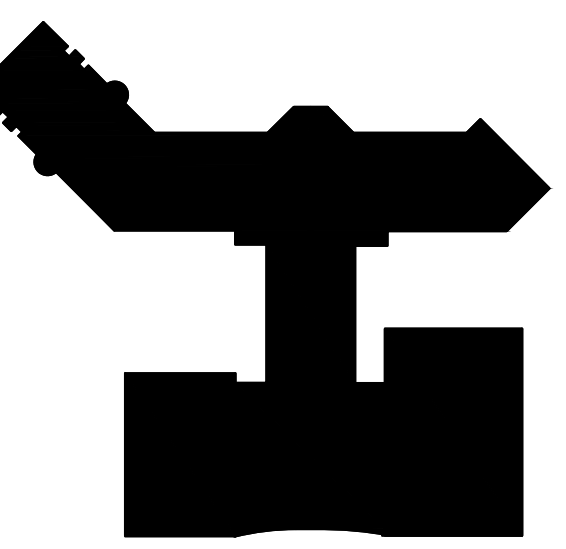
FP/PAE ENGINEER
CHEATHAM & ASSOC.

BAGGAGE HANDLING CONSULTANTS
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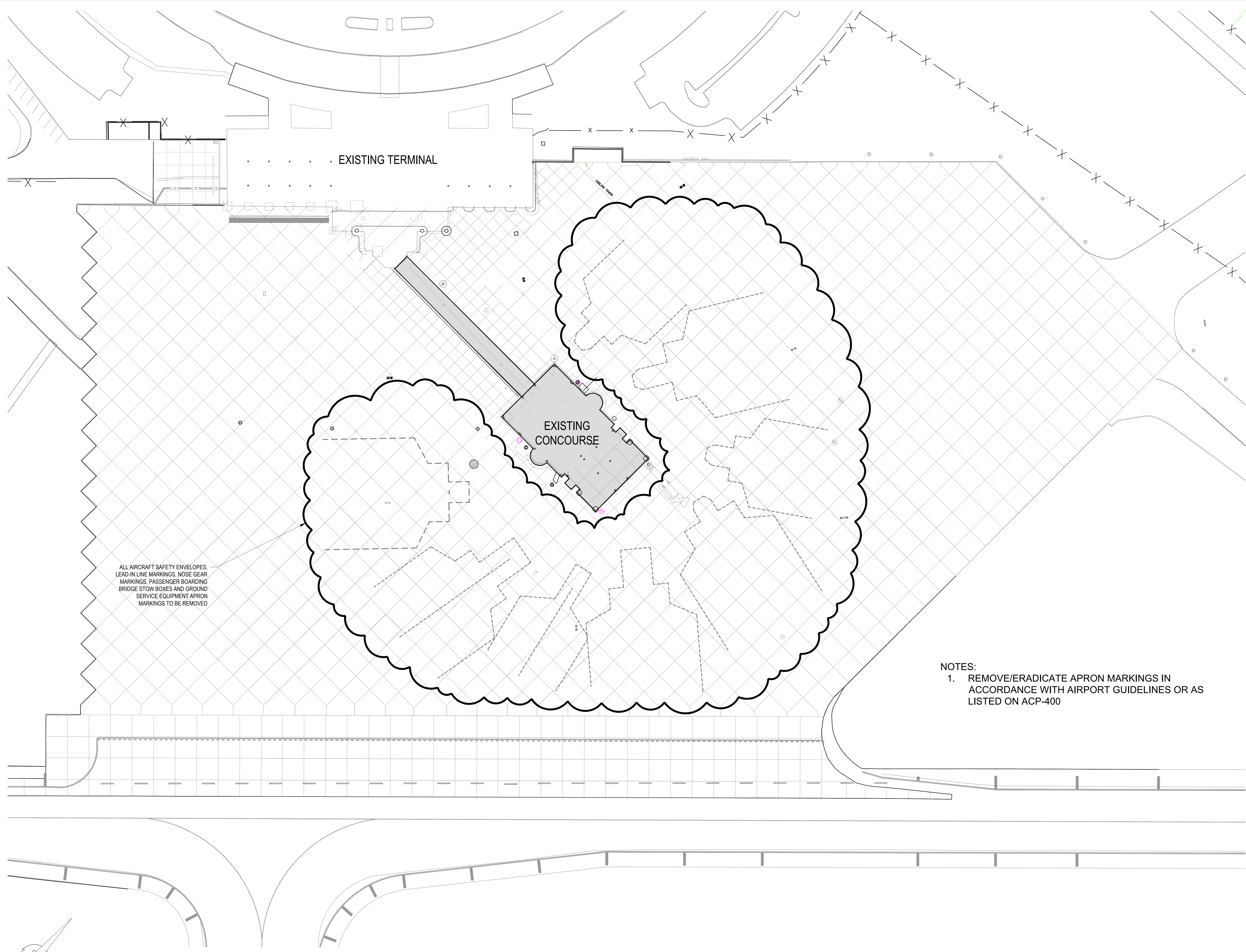
REVISIONS

DATE 6/28/2019
PROJECT NUMBER 9202-000
SHEET TITLE

**APRON MARKING
PLANS: APRON
MARKING
DEMOLITION PLAN**

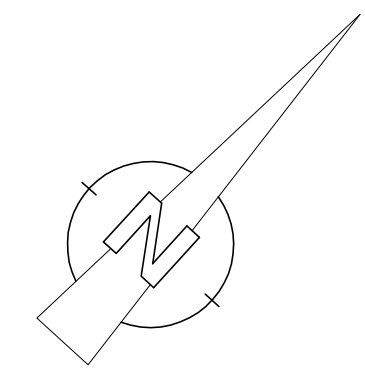
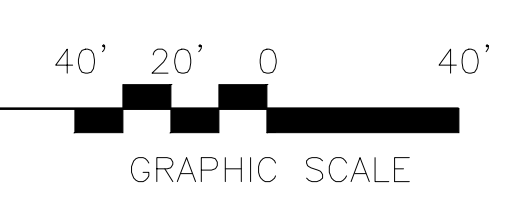
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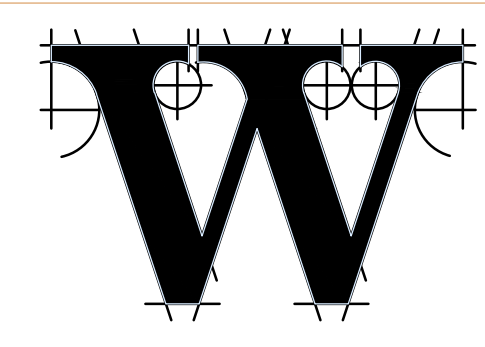
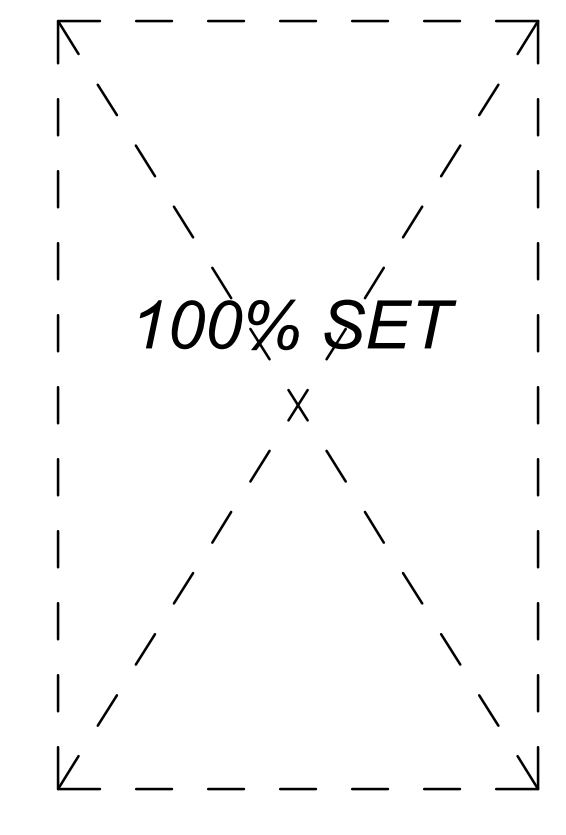
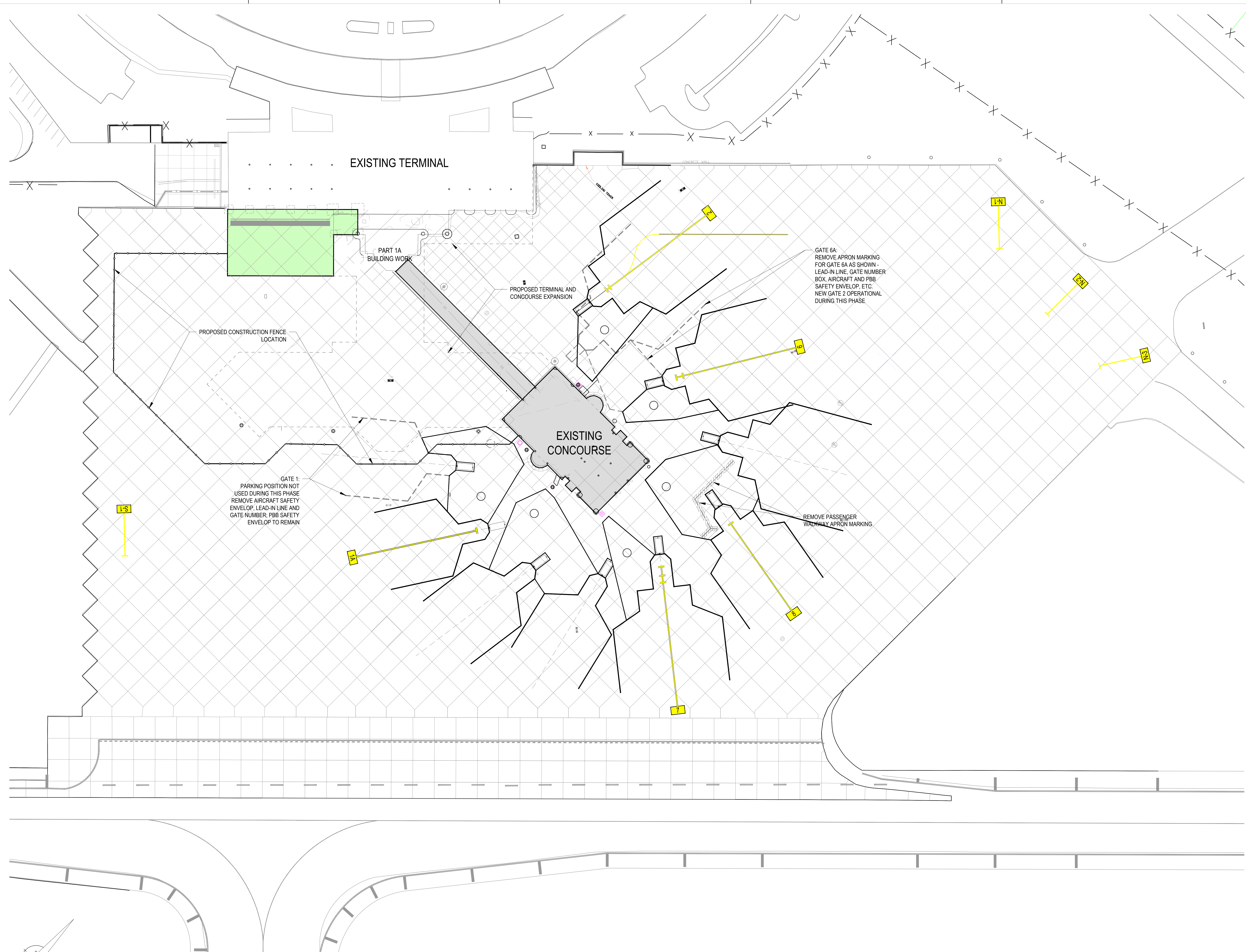
ACP-200



NOTES:
1. REMOVE/ERADICATE APRON MARKINGS IN ACCORDANCE WITH AIRPORT GUIDELINES OR AS LISTED ON ACP-400

1 APRON MARKING DEMOLITION PLAN
1" = 40'-0"





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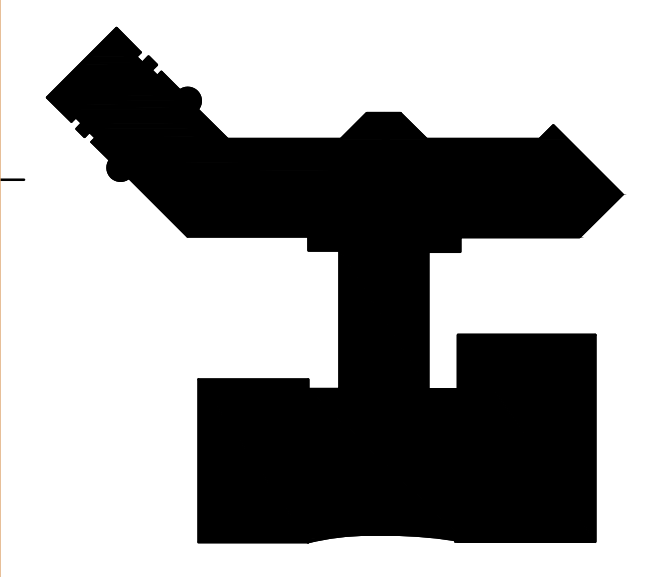
STRUCTURAL ENGINEER
STEWART

FP/PM/E ENGINEER
CHEATHAM & ASSOC.
 BAGGAGE HANDLING CONSULTANTS
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DK CONSULTANTS

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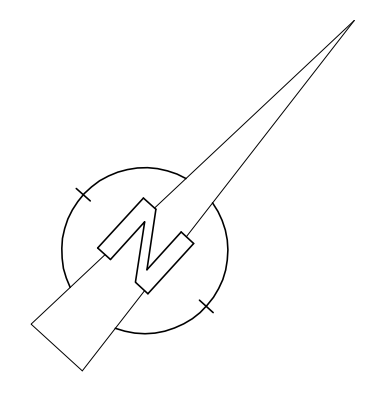
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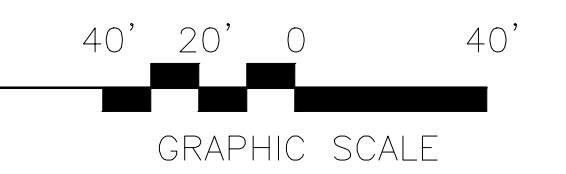
DATE 6/28/2019
 PROJECT NUMBER 9202-000
 SHEET TITLE

AIRCRAFT PARKING LAYOUT DURING CONSTRUCTION - CONTRACT 3, SCHEDULE 1
 SHEET NUMBER

ACP-201

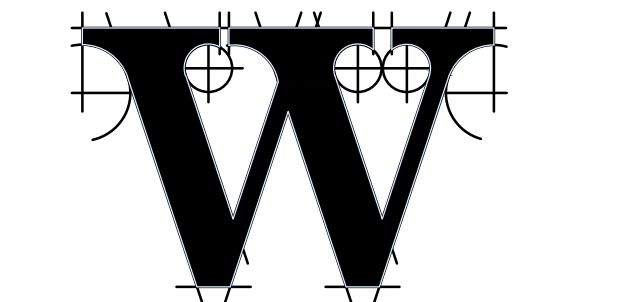
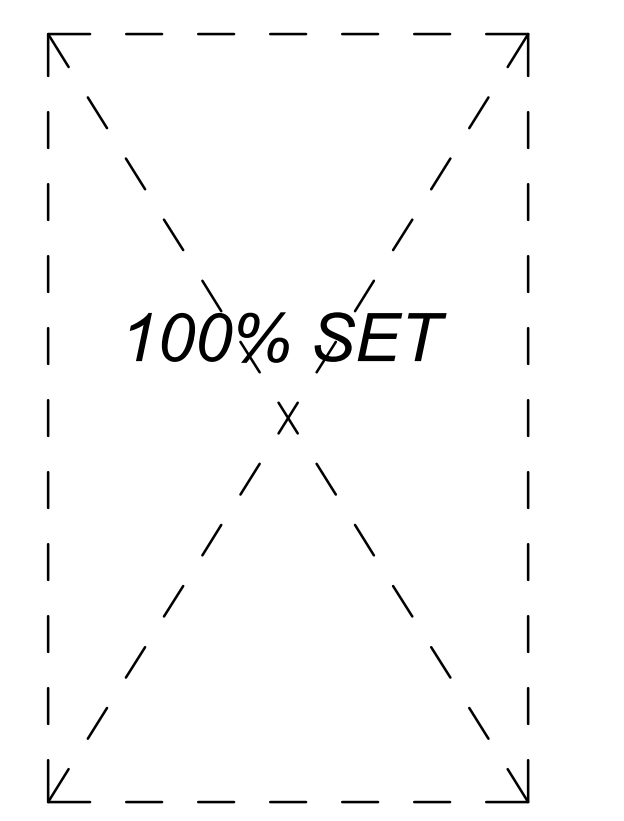


1 APRON MARKING DEMOLITION PLAN, CONTRACT 3 - SCHEDULE 1
 1" = 40'-0"



**TERMINAL
IMPROVEMENTS
CONTRACT 3**

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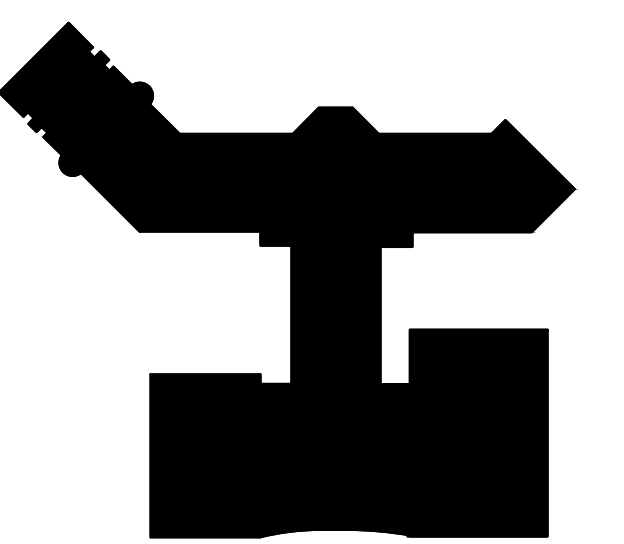
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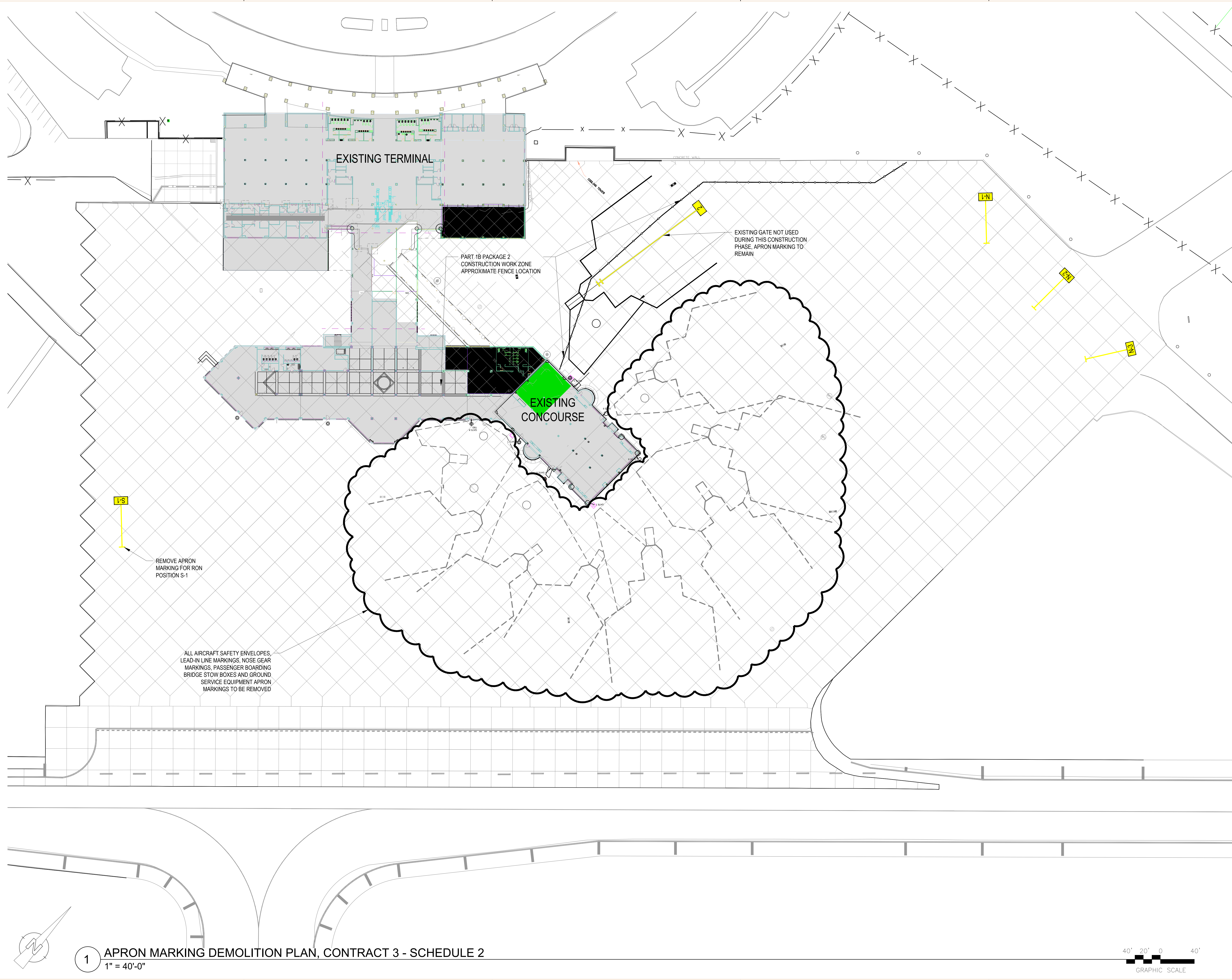
REVISIONS

DATE 6/28/2019
PROJECT NUMBER 9202-000
SHEET TITLE

**AIRCRAFT PARKING
LAYOUT DURING
CONSTRUCTION -
CONTRACT 3,
SCHEDULE 2**

SHEET NUMBER

ACP-202



REMOVE APRON
MARKING FOR RON
POSITION S-1

ALL AIRCRAFT SAFETY ENVELOPES,
LEAD-IN LINE MARKINGS, NOSE GEAR
MARKINGS, PASSENGER BOARDING
BRIDGE STOW BOXES AND GROUND
SERVICE EQUIPMENT APRON
MARKINGS TO BE REMOVED

EXISTING GATE NOT USED
DURING THIS CONSTRUCTION
PHASE. APRON MARKING TO
REMAIN

PART 1B PACKAGE 2
CONSTRUCTION WORK ZONE
APPROXIMATE FENCE LOCATION

**EXISTING
CONCOURSE**

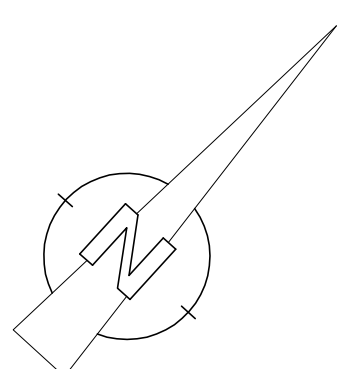
EXISTING TERMINAL

L-S

L-N

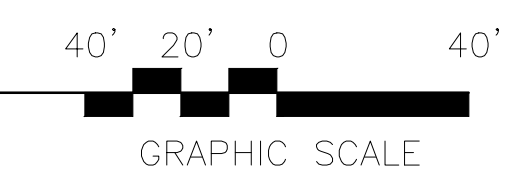
L-3

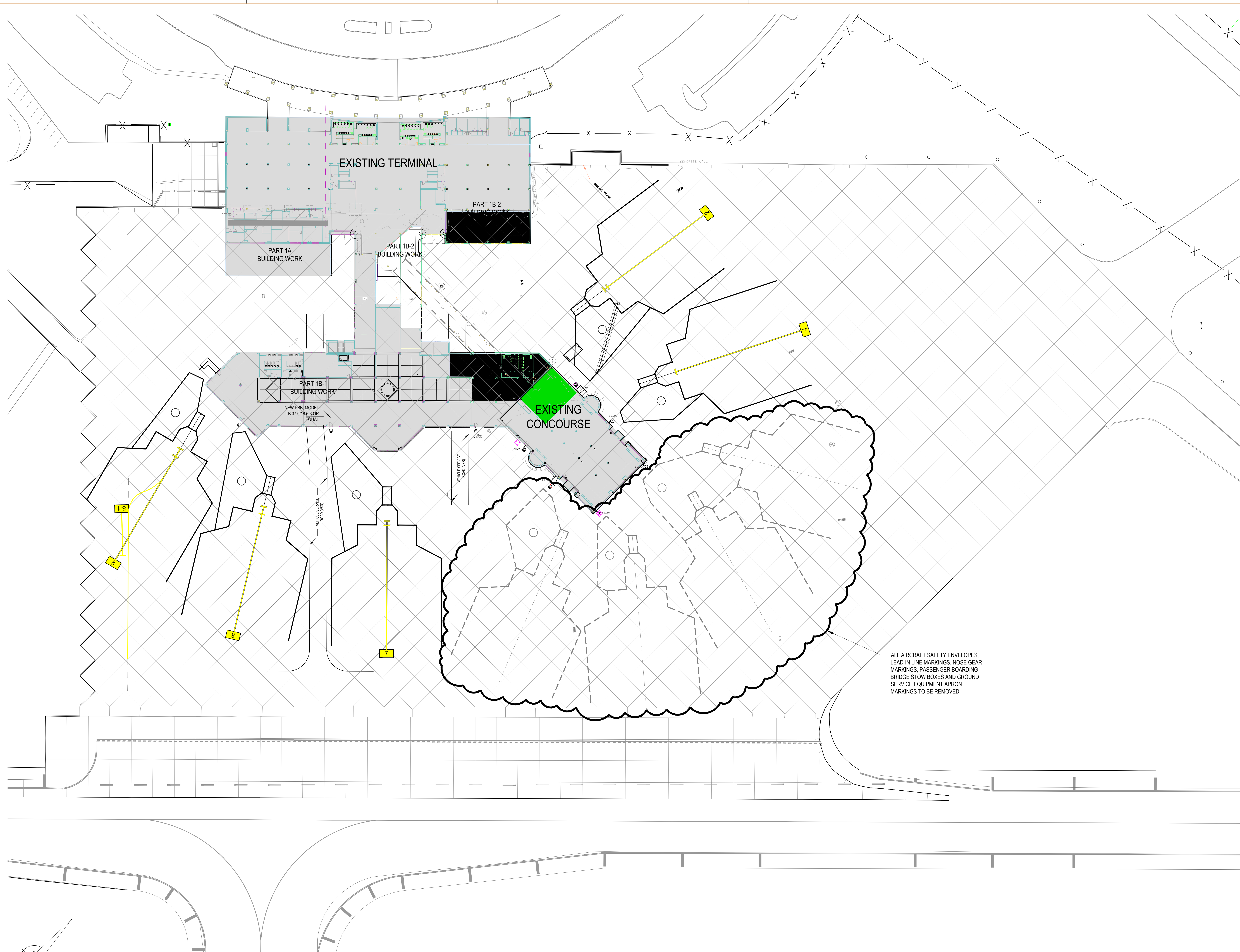
L-2



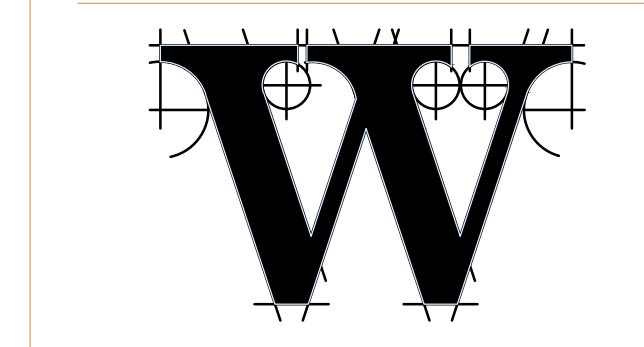
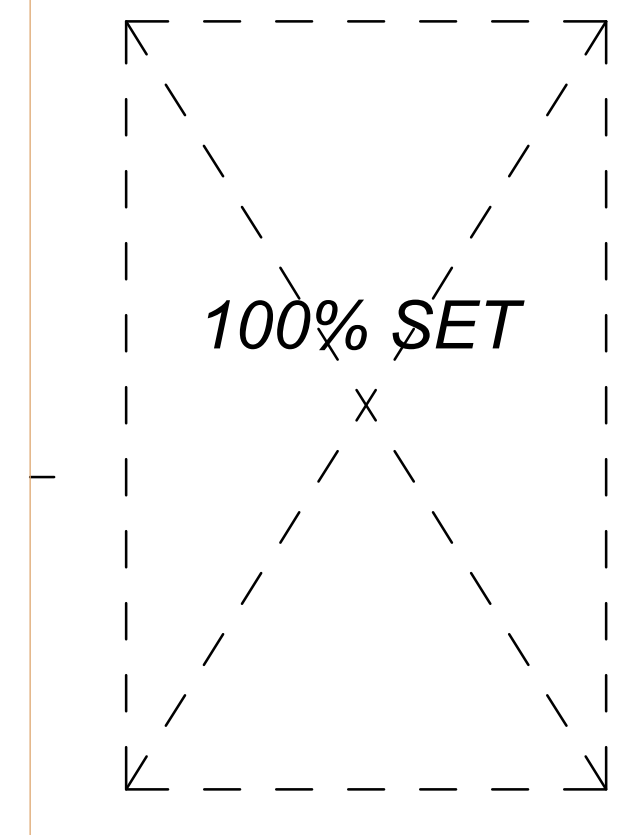
1

APRON MARKING DEMOLITION PLAN, CONTRACT 3 - SCHEDULE 2
1" = 40'-0"





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STRUCTURAL ENGINEER
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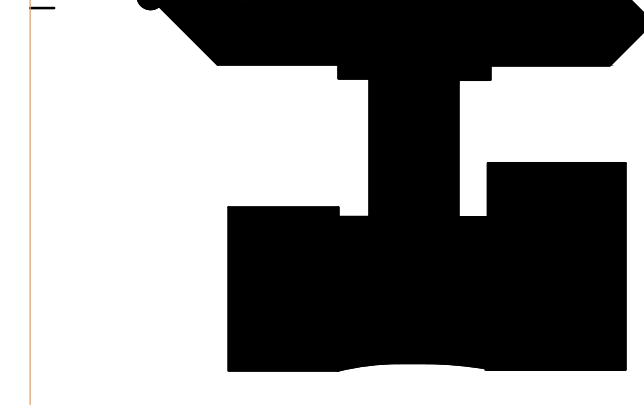
FP/IME ENGINEER
CHEATHAM & ASSOC.

BAGGAGE HANDLING CONSULTANTS
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AIRCRAFT SUPPORT SYSTEMS
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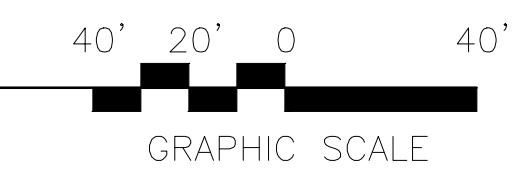
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DATE 6/28/2019
 PROJECT NUMBER 9202-000
 SHEET TITLE

AIRCRAFT PARKING LAYOUT - CONTRACT 3, FINAL

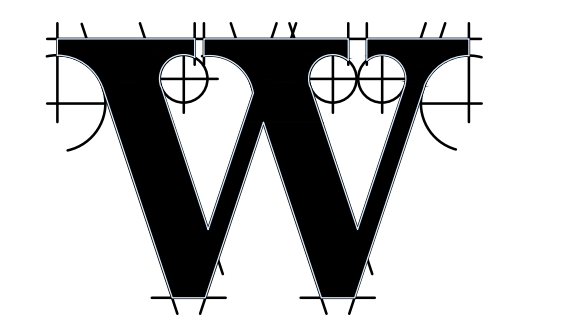
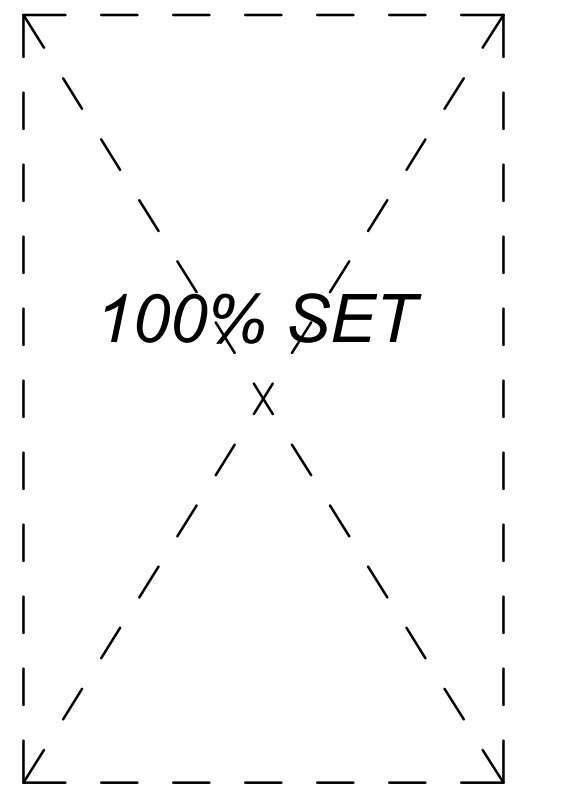
SHEET NUMBER
ACP-203

1 APRON MARKING DEMOLITION PLAN, FINAL CONSTRUCTION PHASE
 1" = 40'-0"



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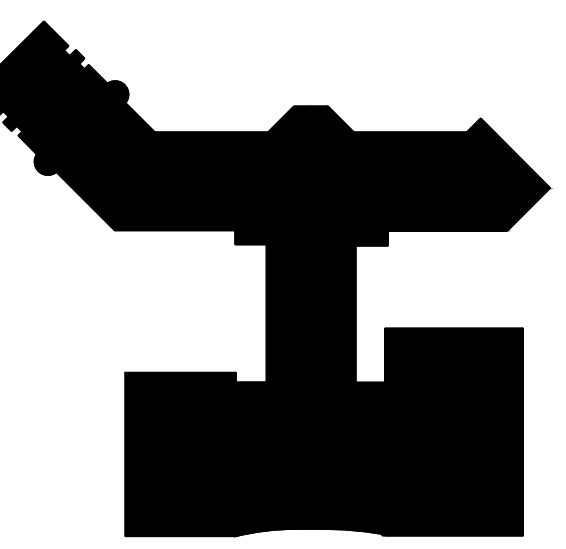
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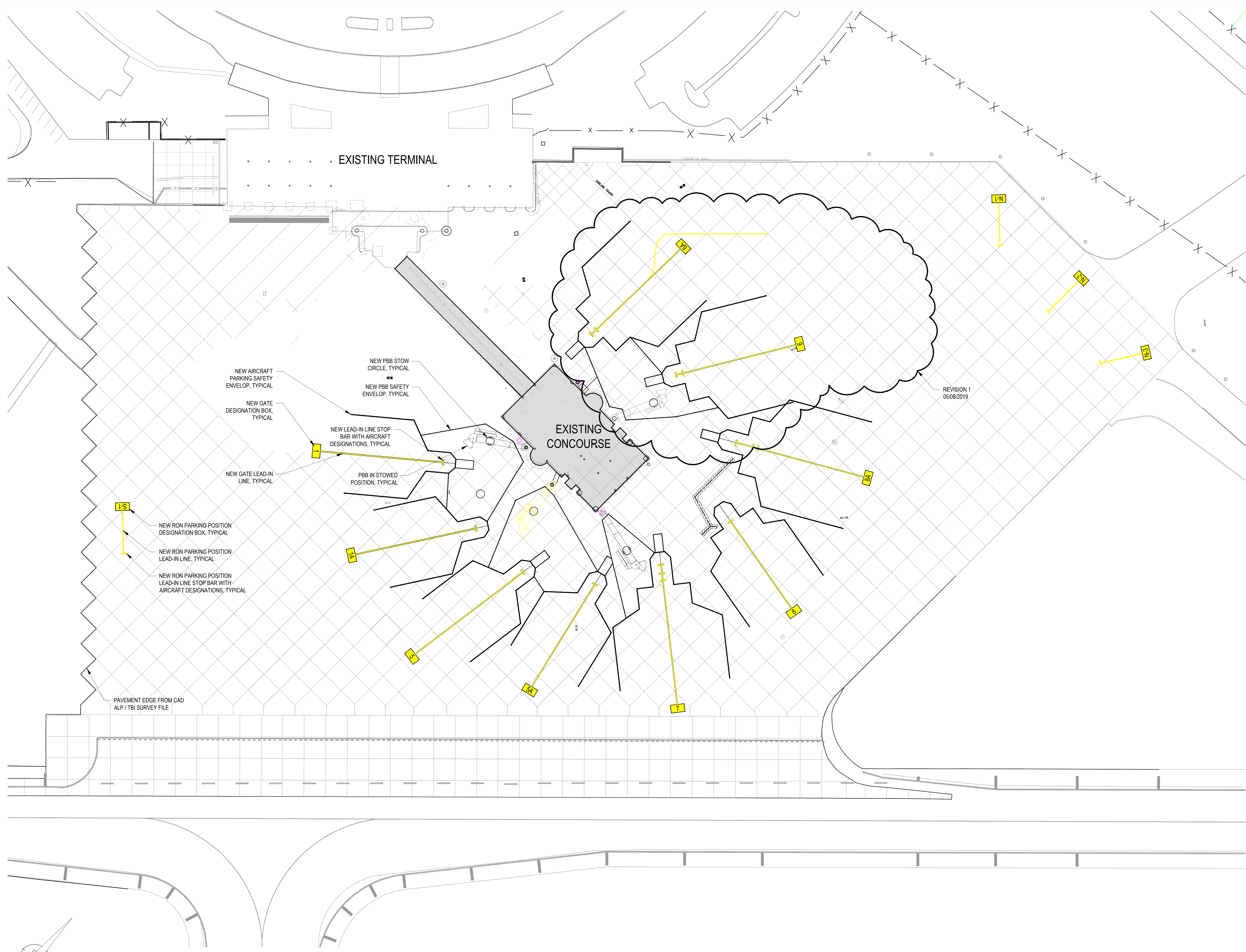
01	05/08/2019	NEW GATE 6 AND 6A PARKING LAYOUT AND APRON MARKING
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DATE 6/28/2019
PROJECT NUMBER 9202-000
SHEET TITLE

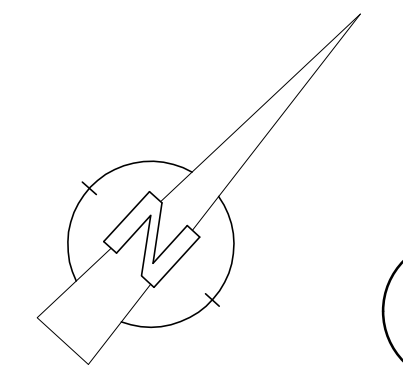
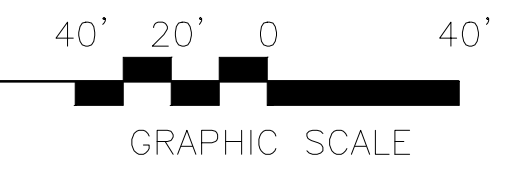
APRON MARKING PLANS: OVERALL MARKING PLAN

SHEET NUMBER

ACP-300

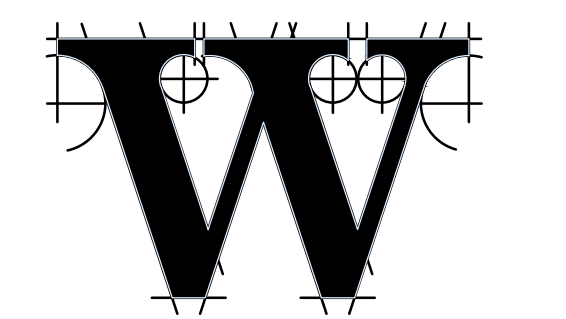
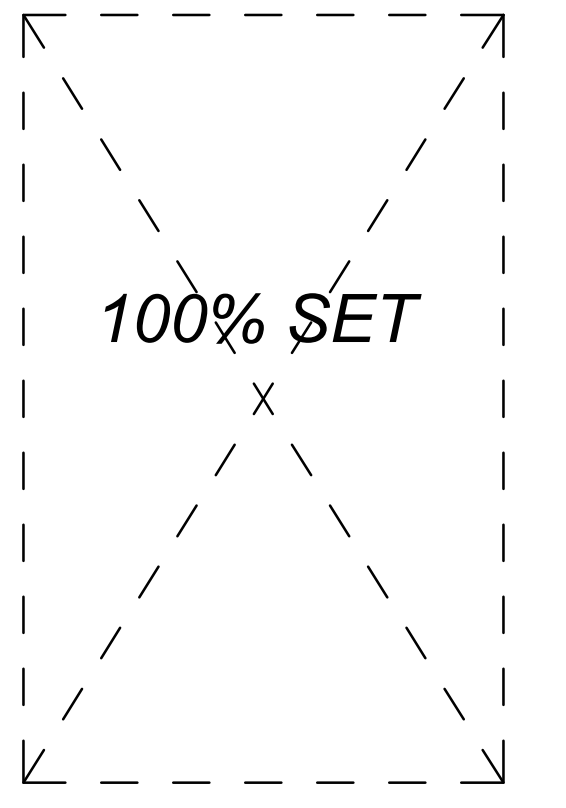


1 OVERALL APRON MARKING PLAN, CONTRACT 2 - APRIL 2019 THROUGH NOVEMBER 2019
1" = 40'-0"



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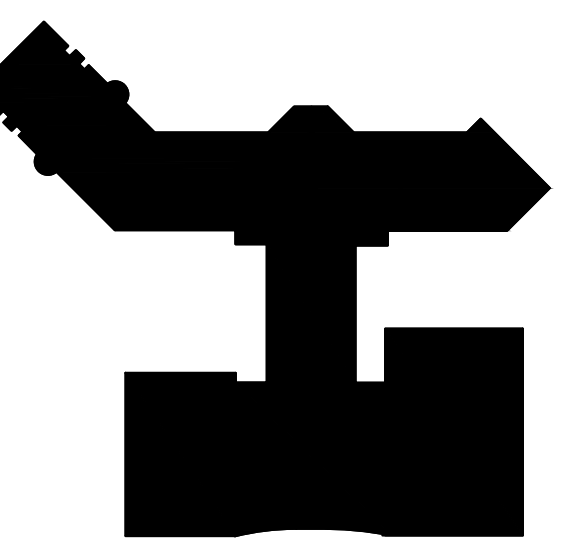
FP/PM/E ENGINEER
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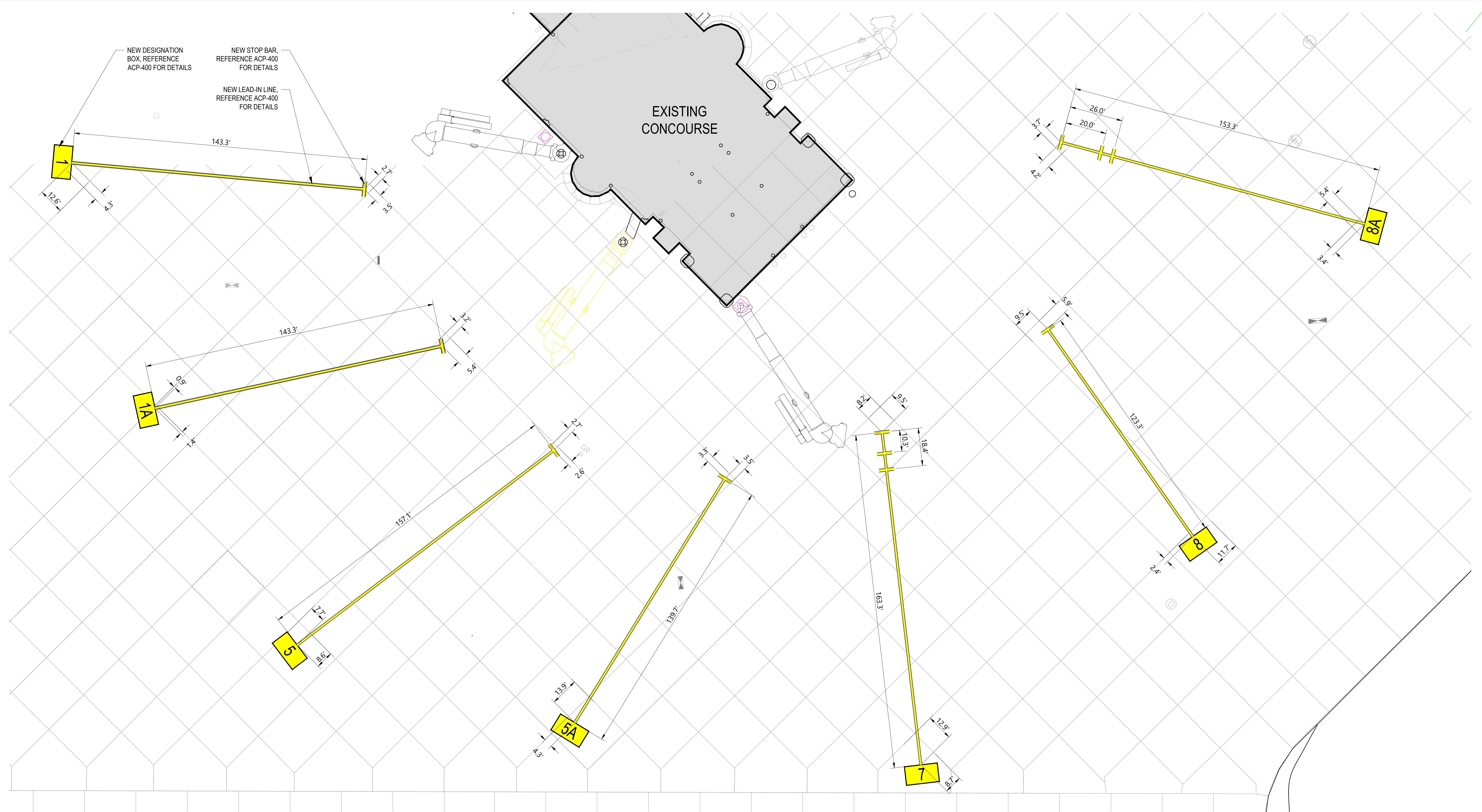
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DATE 6/28/2019
PROJECT NUMBER 9202-000
SHEET TITLE

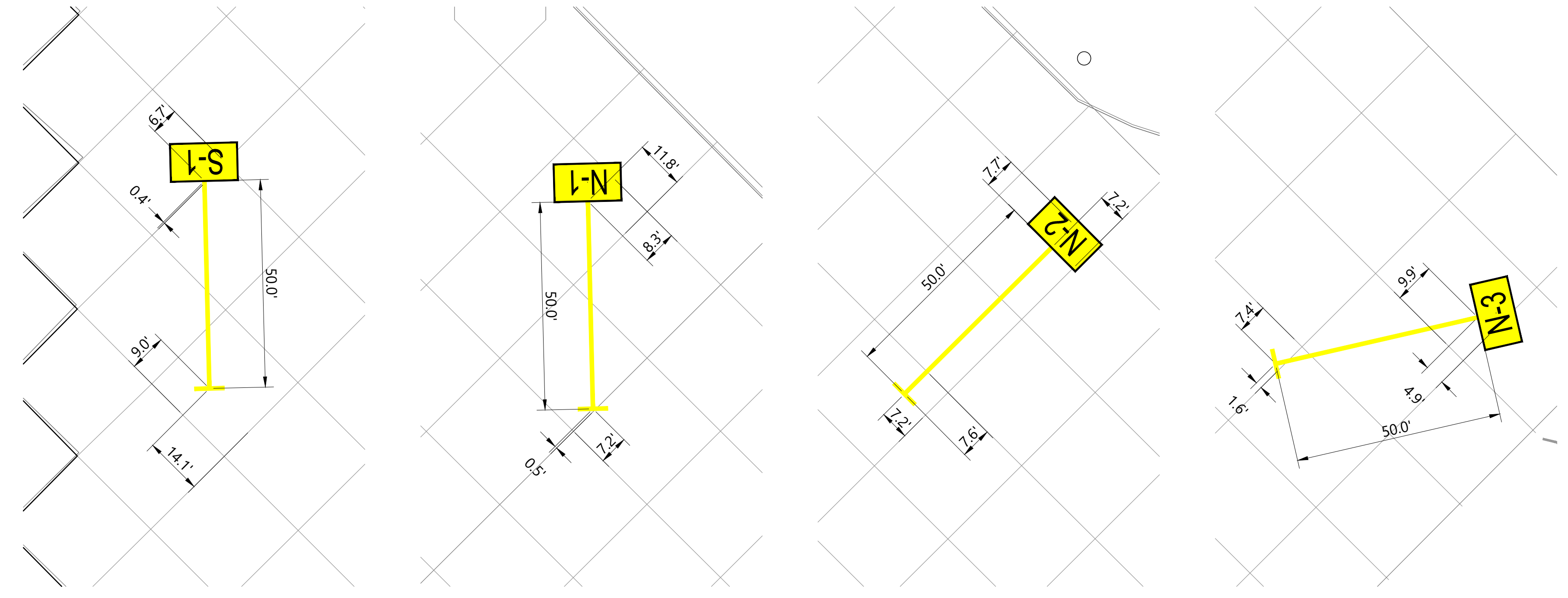
APRON MARKING PLANS: LEAD-IN LINES GATE 1, 1A, 5, 5A, 7, 8, 8A

SHEET NUMBER
ACP-301

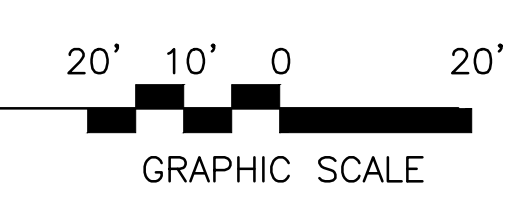


NEW DESIGNATION BOX, REFERENCE ACP-400 FOR DETAILS
NEW STOP BAR, REFERENCE ACP-400 FOR DETAILS
NEW LEAD-IN LINE, REFERENCE ACP-400 FOR DETAILS

- NOTES:**
1. LEAD-IN LINE LOCATION DIMENSIONED FROM CONCRETE PANEL JOINTS
 2. RON POSITIONS ARE ONLY MARKED WITH LEAD-IN LINE AND STOP BARS
 3. ALL RON STOP BARS TO INCLUDE AIRCRAFT DESIGNATIONS AS SHOWN BELOW:
CR-2/7/9
E175
E35/45

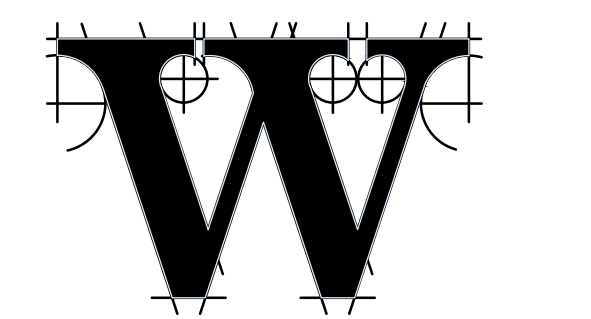
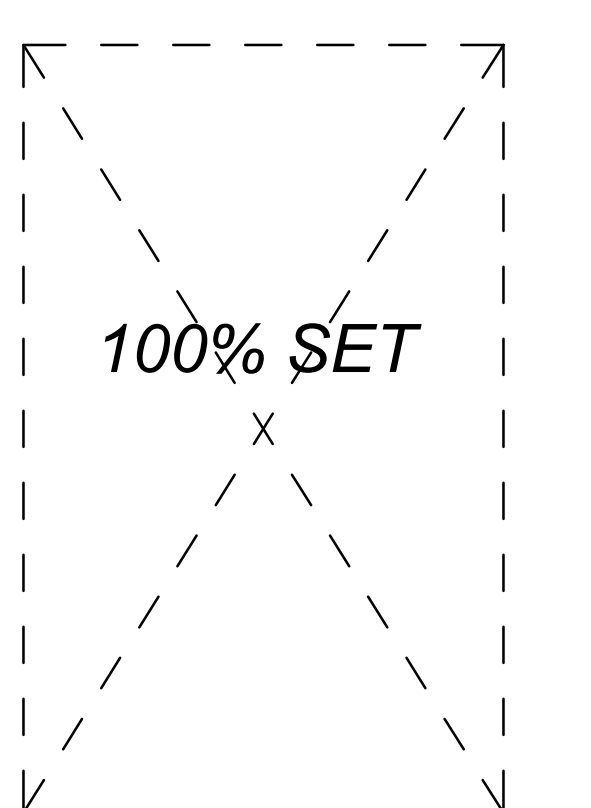


1 LEAD-IN LINE LOCATION PLAN - GATE 1, 1A, 5, 5A, 7, 8, 8A AND RON S-1, N-1, N-2, N-3, CONTRACT 2 - APRIL 2019 THROUGH NOVEMBER 2019
1" = 20'-0"



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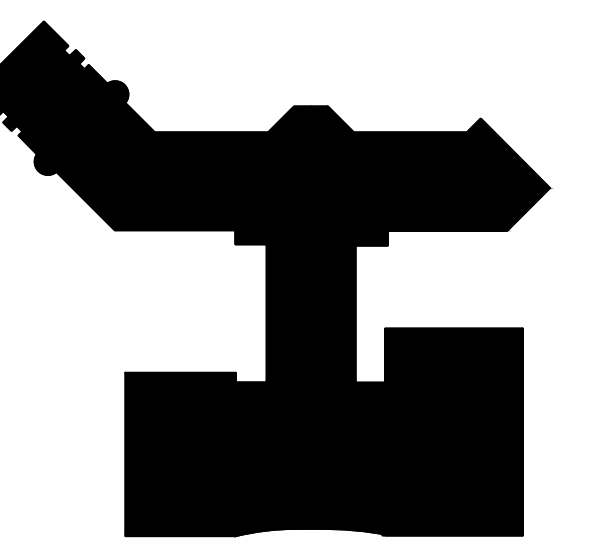
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CHEATHAM & ASSOC.

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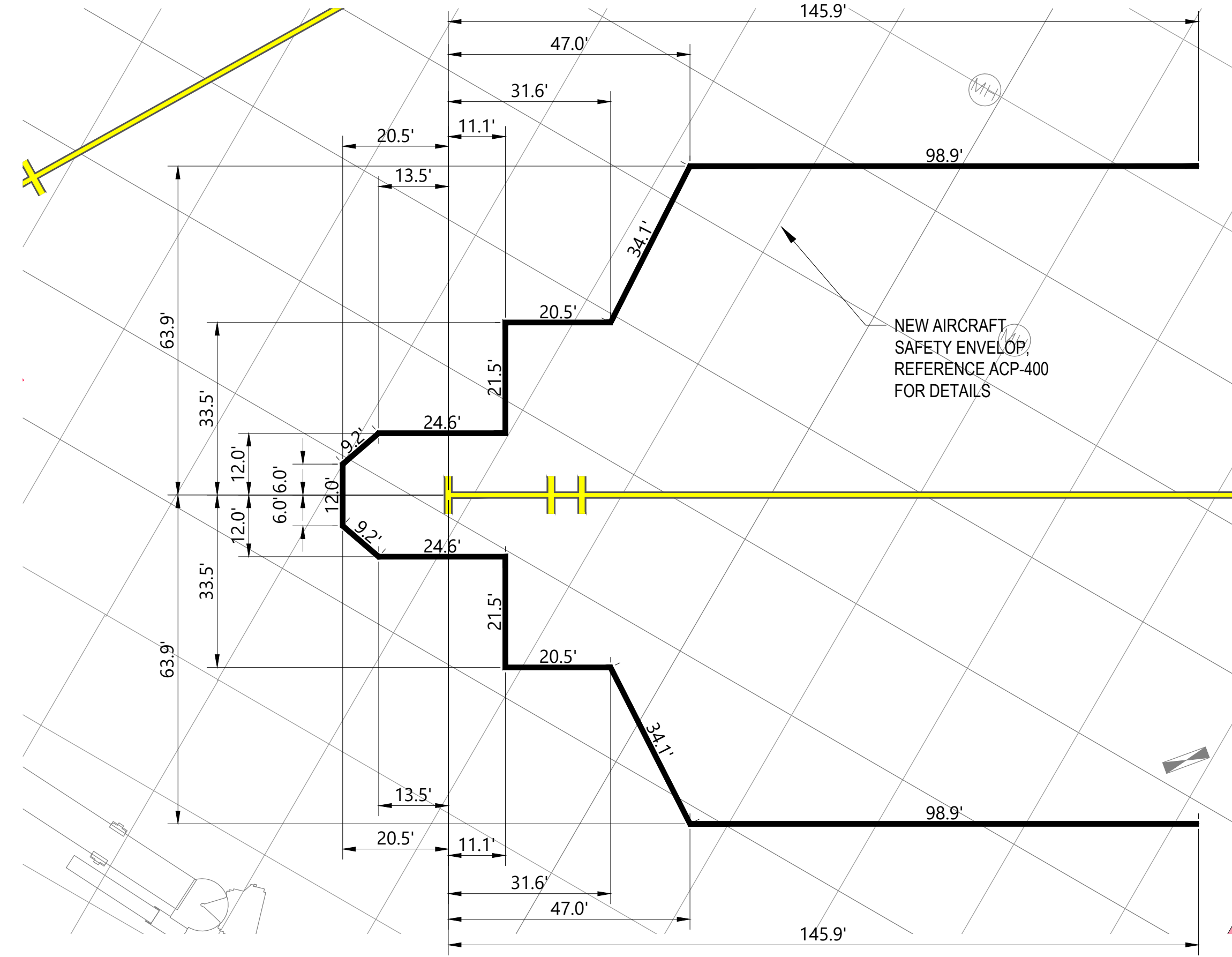
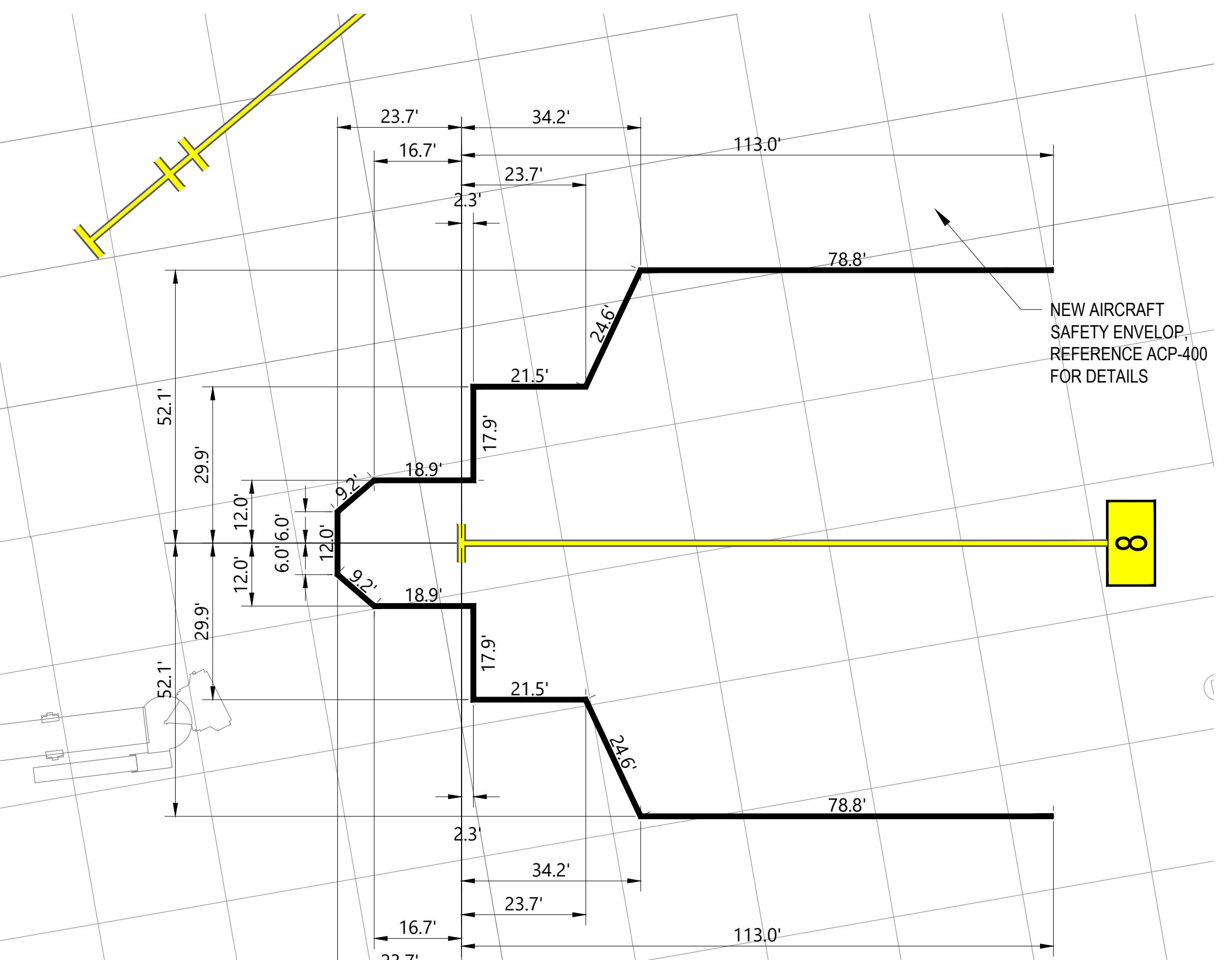
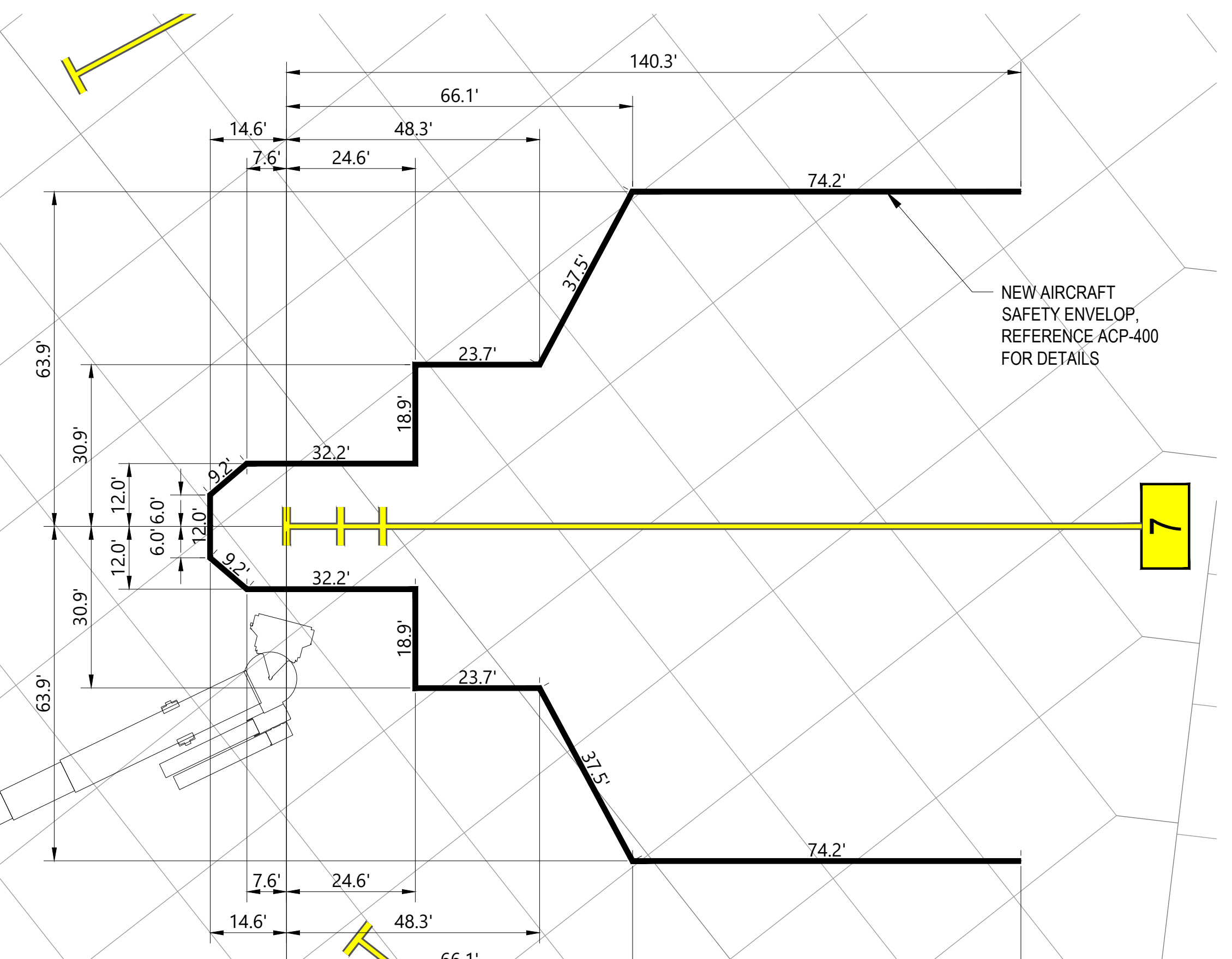
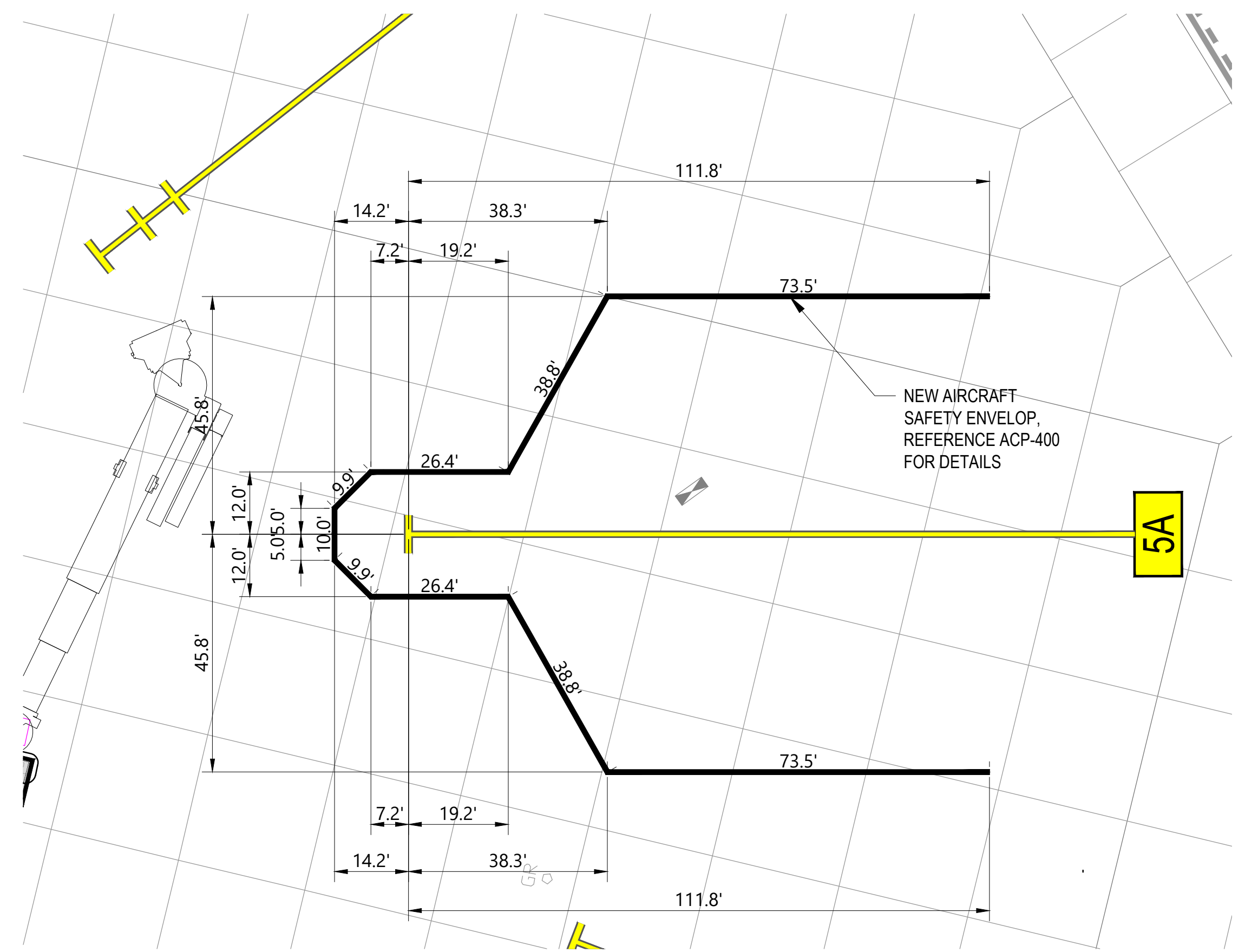
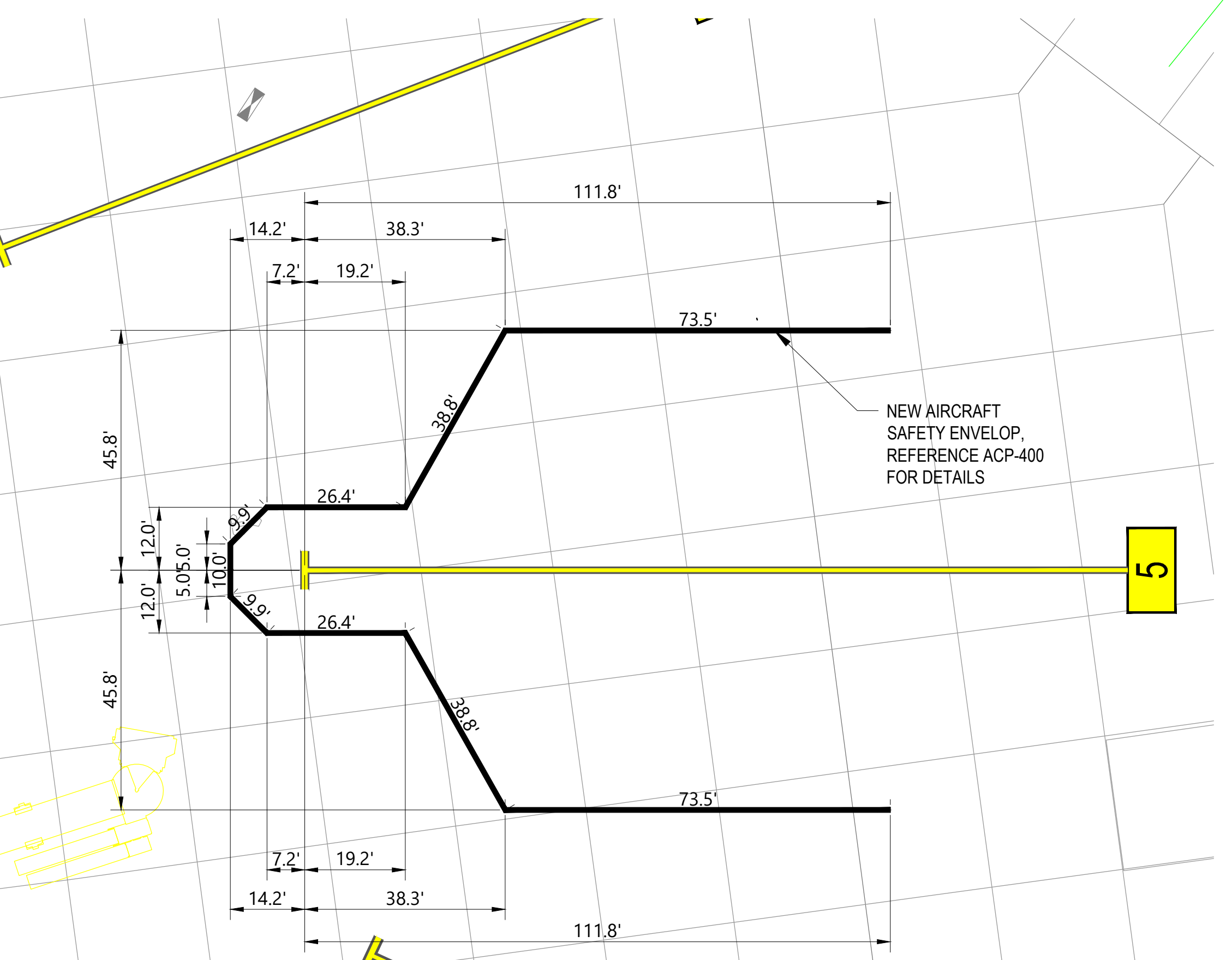
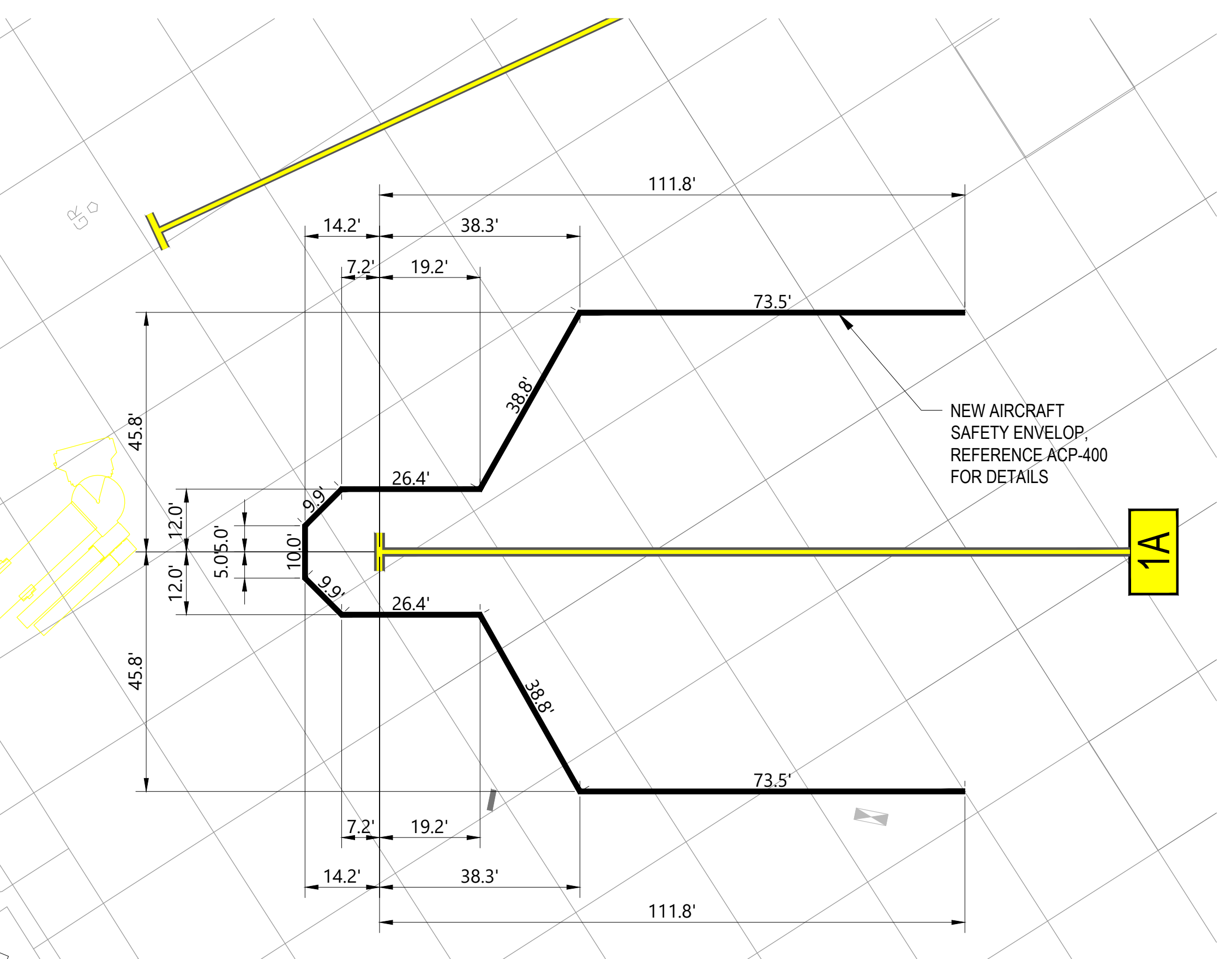
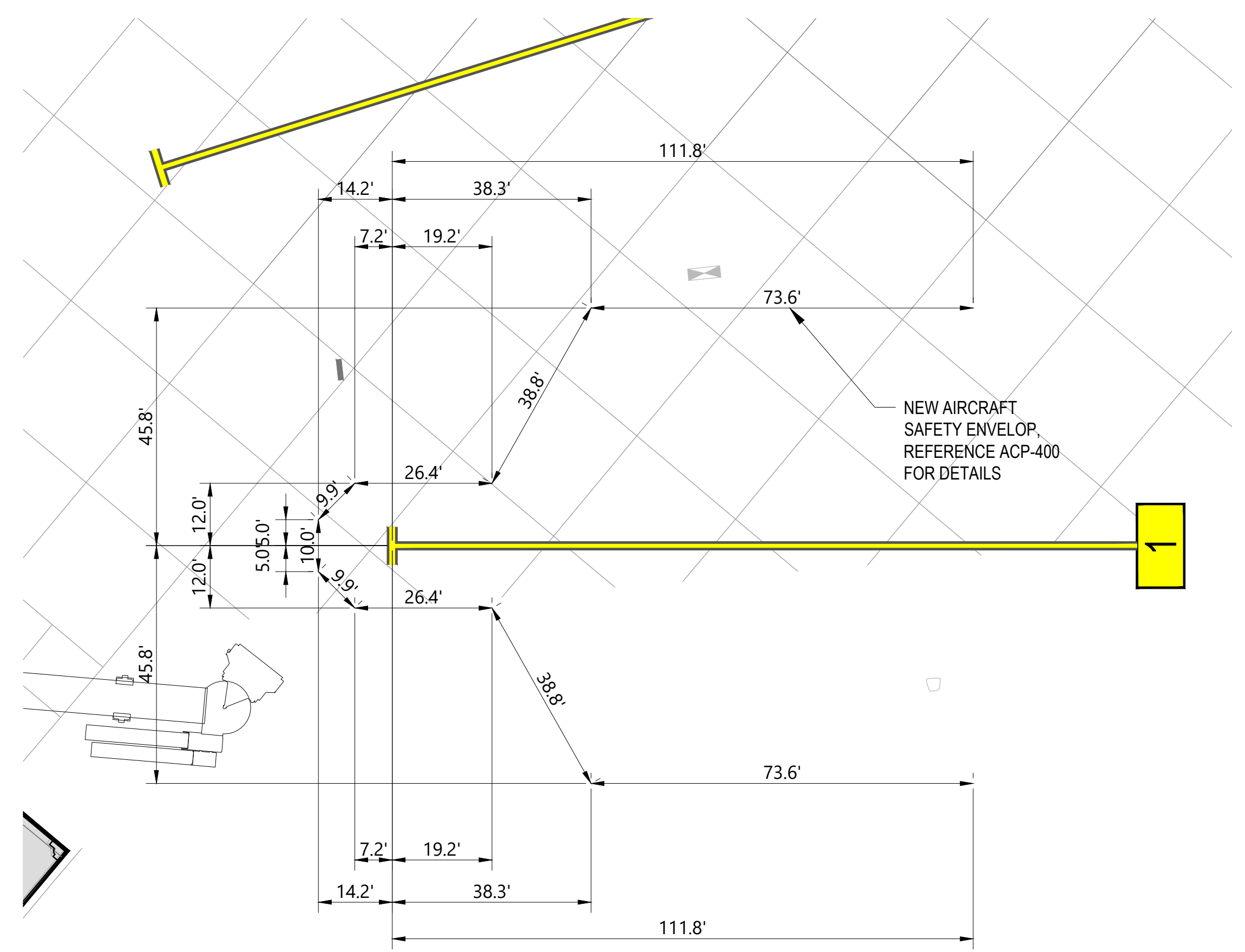
01	05/08/2019
NEW GATE 6 AND 6A PARKING LAYOUT AND APRON MARKING	

DATE 6/28/2019
PROJECT NUMBER 9202-000
SHEET TITLE

APRON MARKING PLANS: AIRCRAFT SAFETY ENVELOP GATE 1, 1A, 5, 5A, 7, 8, 8A

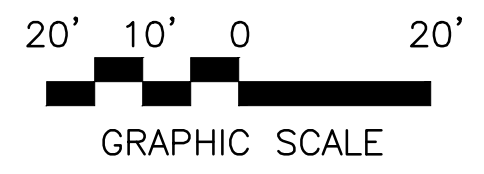
SHEET NUMBER

ACP-303



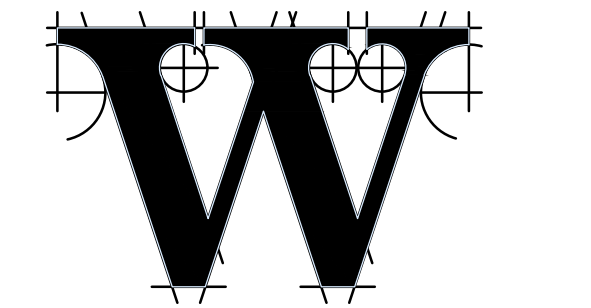
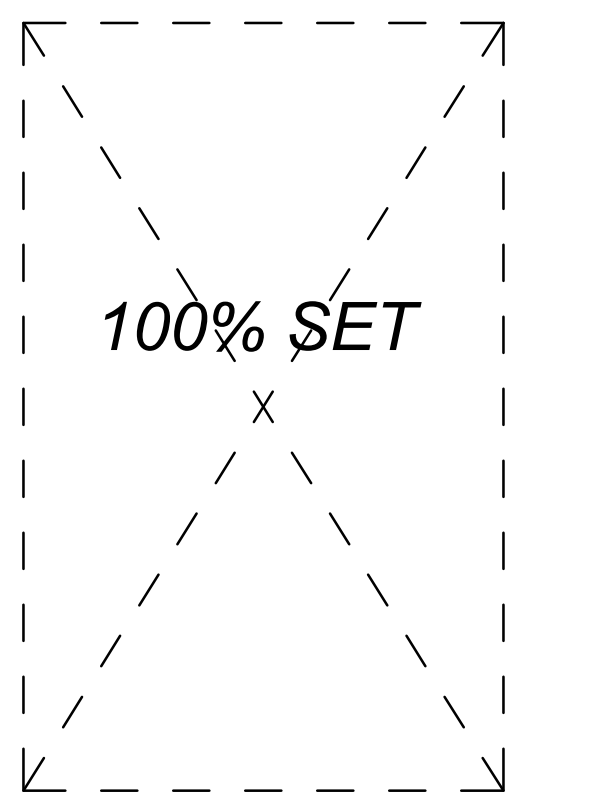
NOTES:
1. AIRCRAFT SAFETY ENVELOP LOCATION DIMENSIONED FROM LEAD-IN LINE

AIRCRAFT SAFETY ENVELOP LOCATION PLAN - GATE 1, 1A, 5, 5A, 7, 8, 8A, CONTRACT 2 - APRIL 2019 THROUGH NOVEMBER 2019
1" = 20'-0"



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TALBERT & BRIGHT
CONSULTING ARCHITECT
LS3P

STRUCTURAL ENGINEER
STEWART

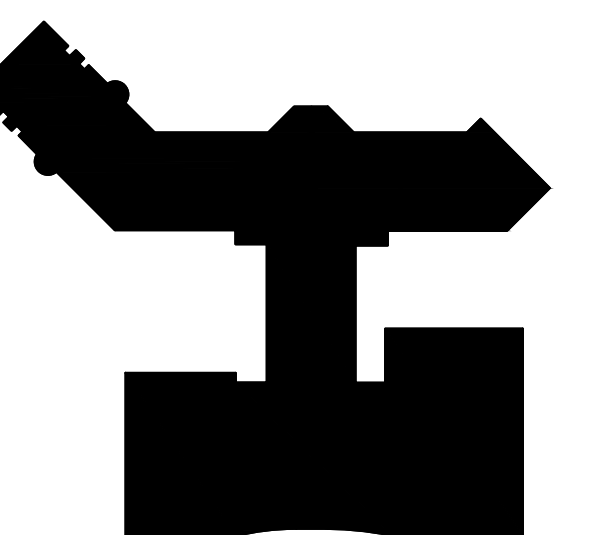
FP/PM/E ENGINEER
CHEATHAM & ASSOC.

BAGGAGE HANDLING CONSULTANTS
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AIRCRAFT SUPPORT SYSTEMS
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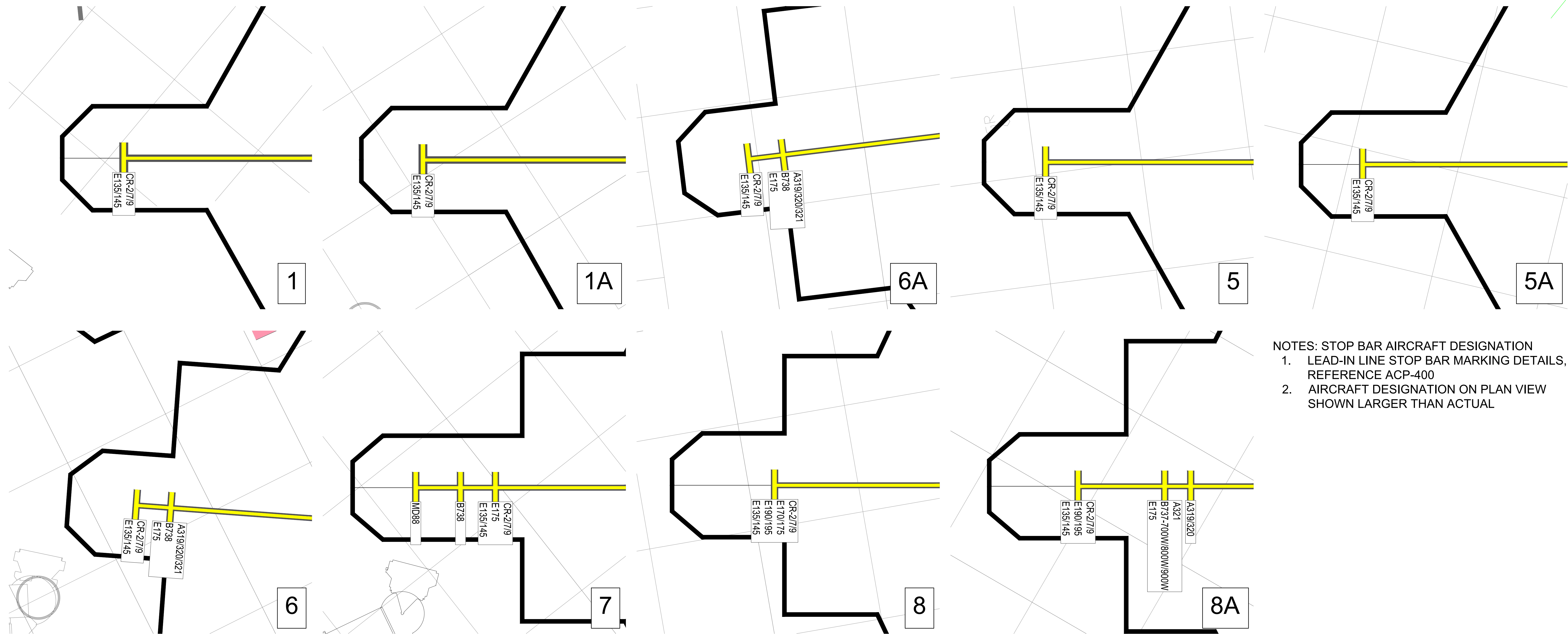
01	05/08/2019
NEW GATE 6 AND 6A PARKING LAYOUT AND APRON MARKING	

DATE 6/28/2019
PROJECT NUMBER 9202-000
SHEET TITLE

APRON MARKING PLANS: STOP BAR MARKINGS AND PASSENGERS WALKWAYS

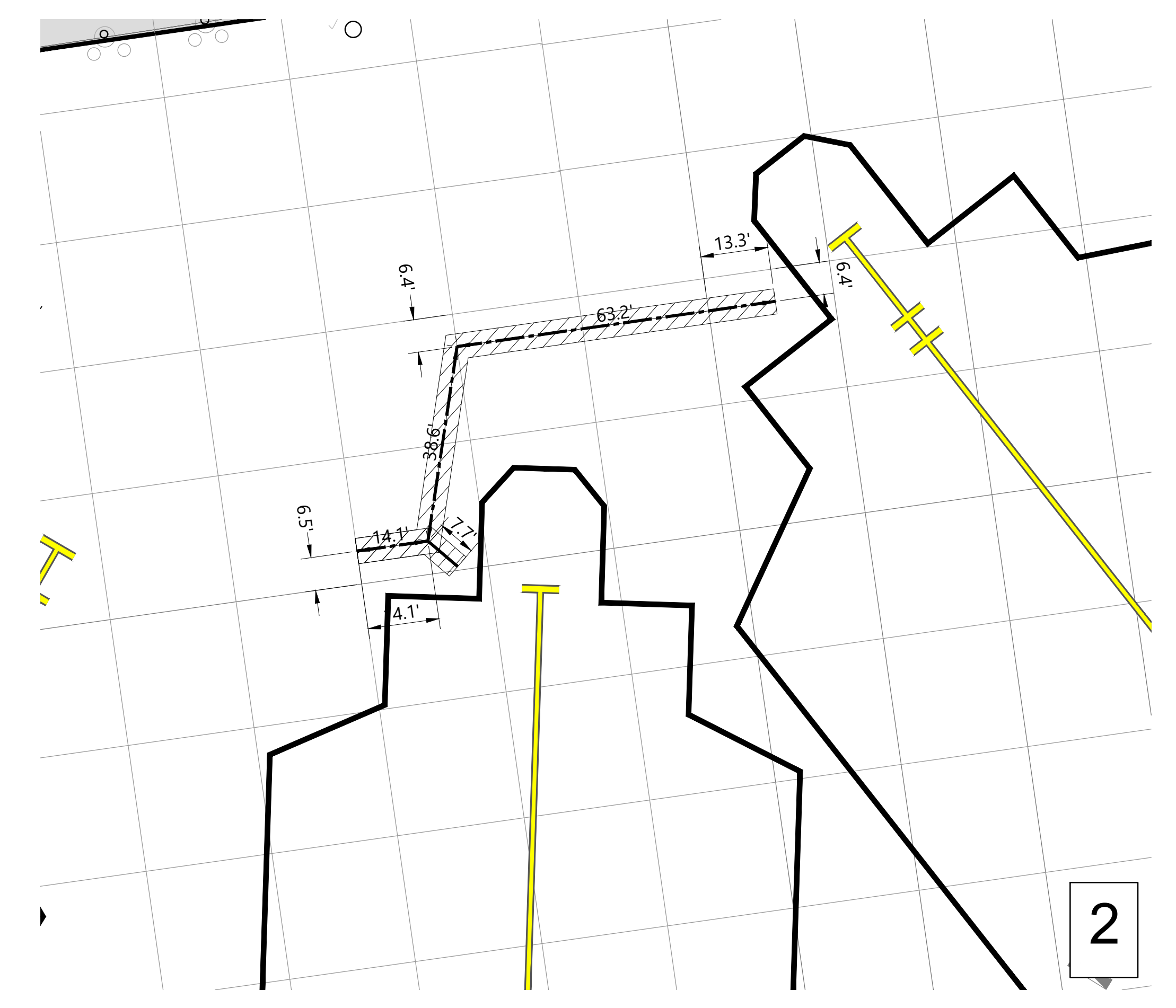
SHEET NUMBER

ACP-305

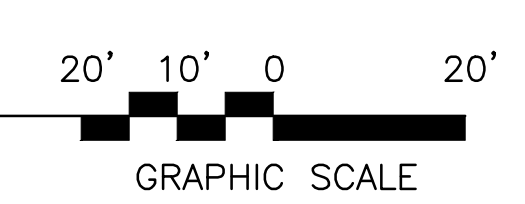


- NOTES: STOP BAR AIRCRAFT DESIGNATION
1. LEAD-IN LINE STOP BAR MARKING DETAILS, REFERENCE ACP-400
 2. AIRCRAFT DESIGNATION ON PLAN VIEW SHOWN LARGER THAN ACTUAL

1 LEAD-IN LINE STOP BAR MARKINGS, CONTRACT 2 - APRIL 2019 THROUGH NOVEMBER 2019
1" = 10'-0"



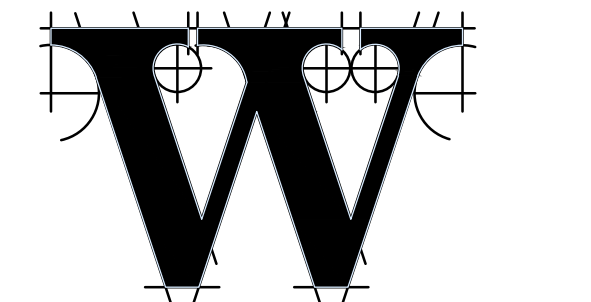
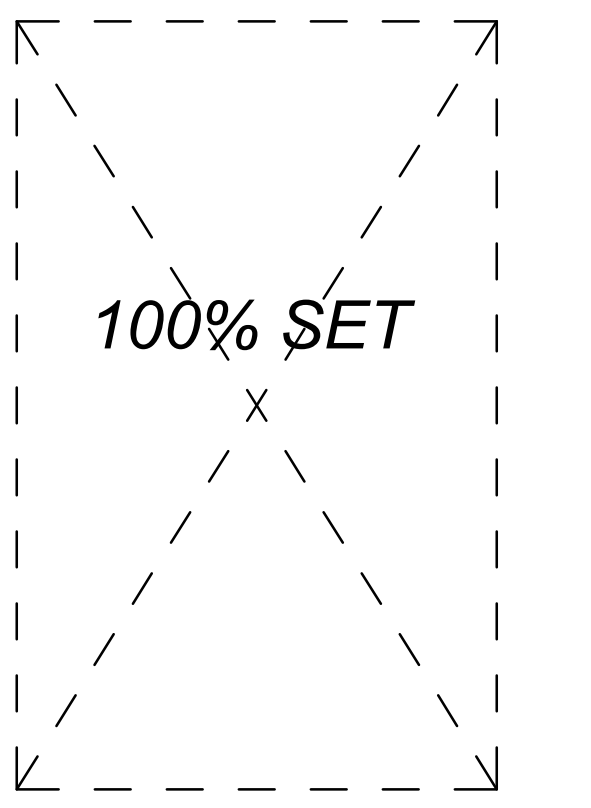
2 PASSENGER WALKWAYS AT GATE 8/8A, CONTRACT 2 - APRIL 2019 THROUGH NOVEMBER 2019
1" = 20'-0"



- NOTES: PASSENGER WALKWAYS
1. PASSENGER WALKWAYS 5-FEET WIDE
 2. WALKWAYS DIMENSIONED TO NEAREST CONCRETE PANEL JOINT
 3. WALKWAY BORDER COLOR AND HATCH COLOR TO BE CONSISTENT WITH AIRPORT STANDARDS
 4. WALKWAY HATCH TO BE AS DETERMINED BY AIRPORT

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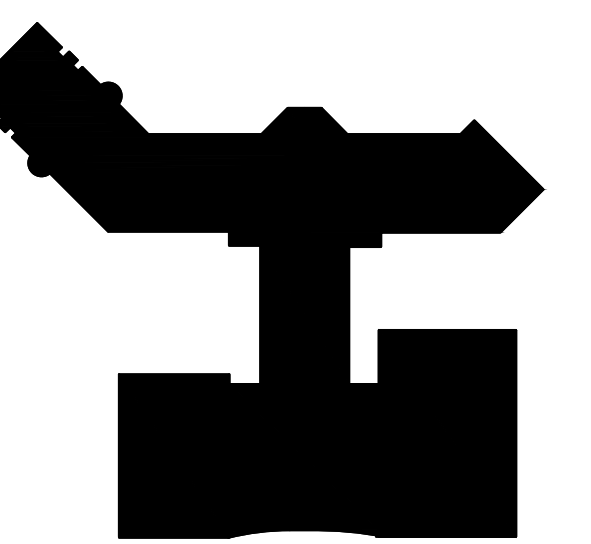
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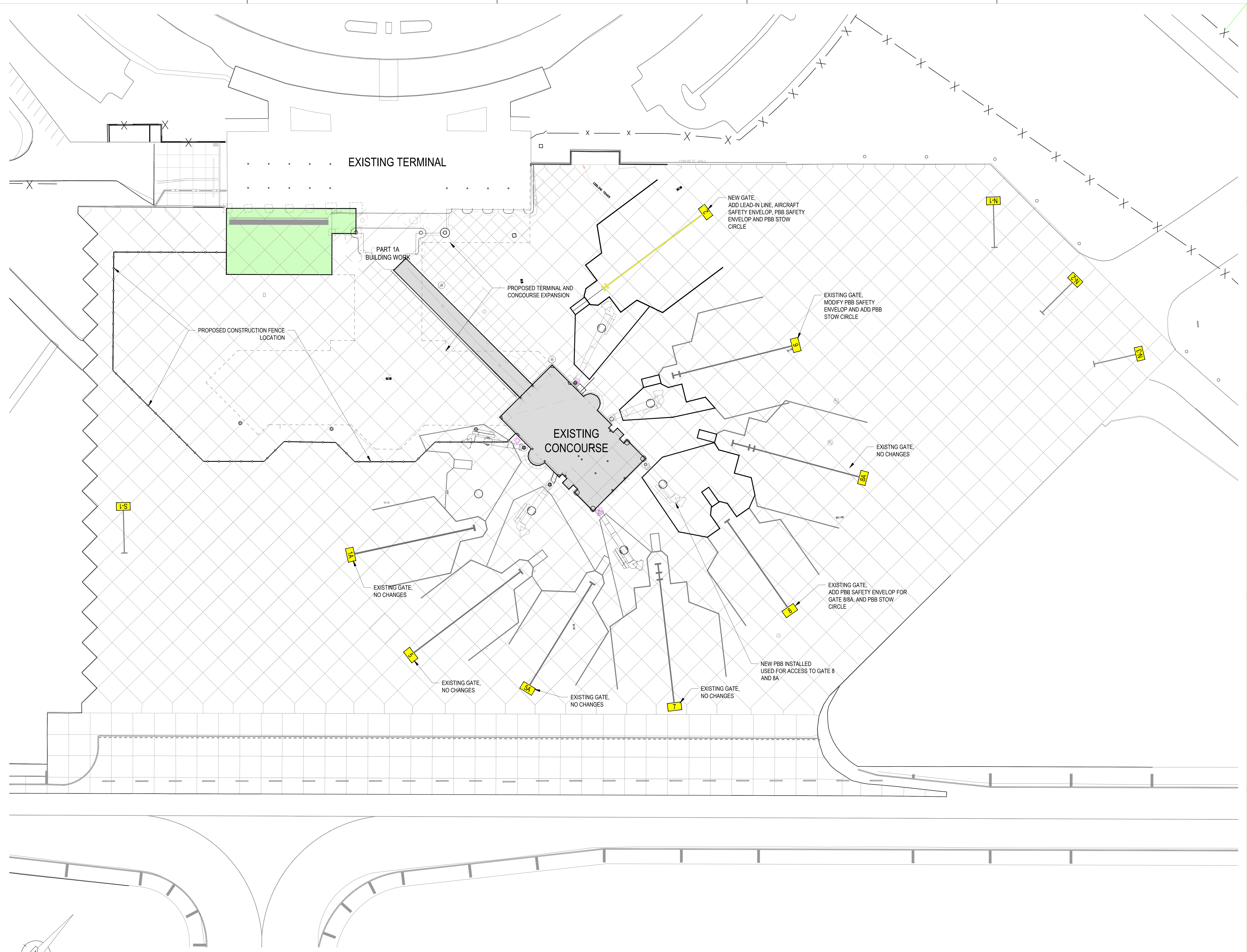
REVISIONS

DATE 6/28/2019
PROJECT NUMBER 9202-000
SHEET TITLE

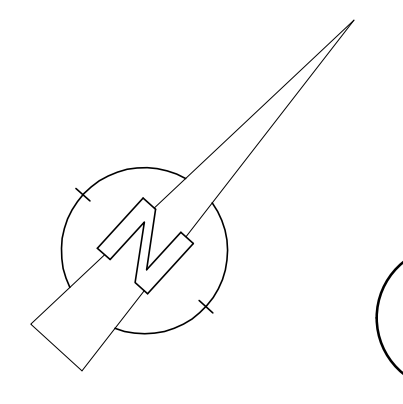
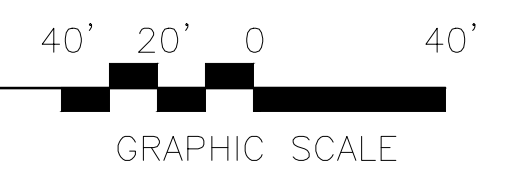
AIRCRAFT PARKING LAYOUT DURING CONSTRUCTION - CONTRACT 3, SCHEDULE 1

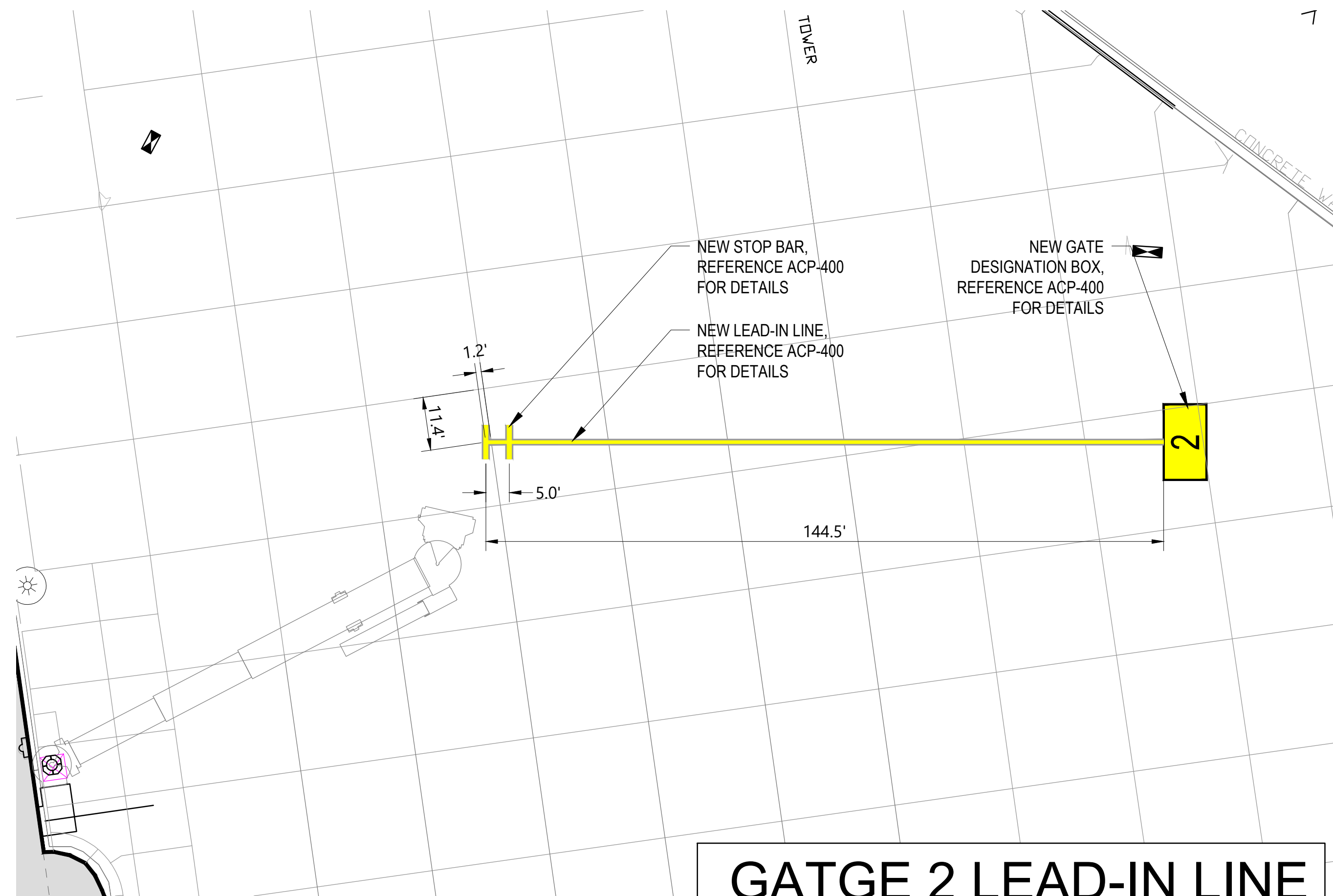
SHEET NUMBER

ACP-310

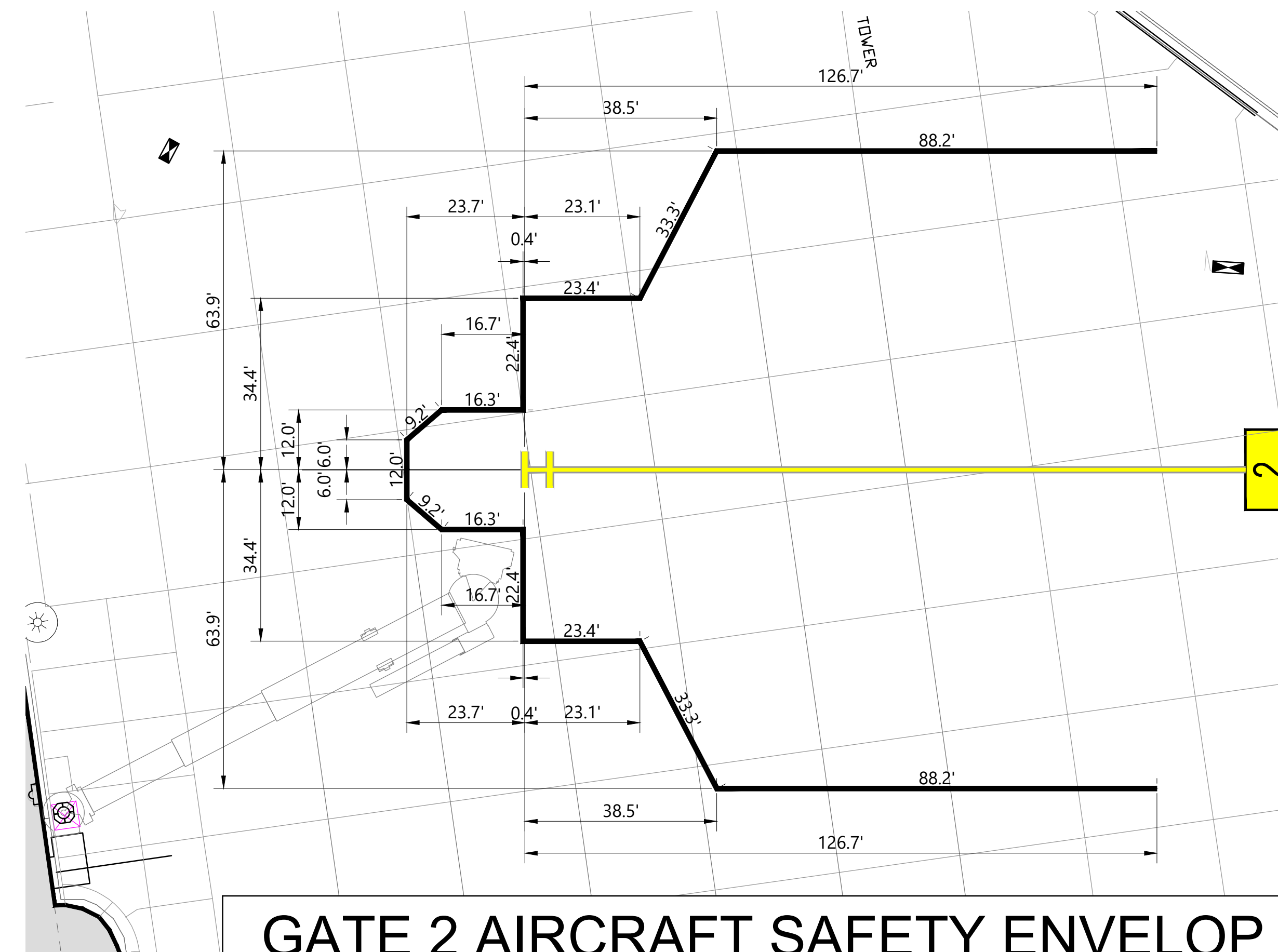


1 OVERALL APRON MARKING PLAN, CONTRACT 3 - SCHEDULE 1
1" = 40'-0"

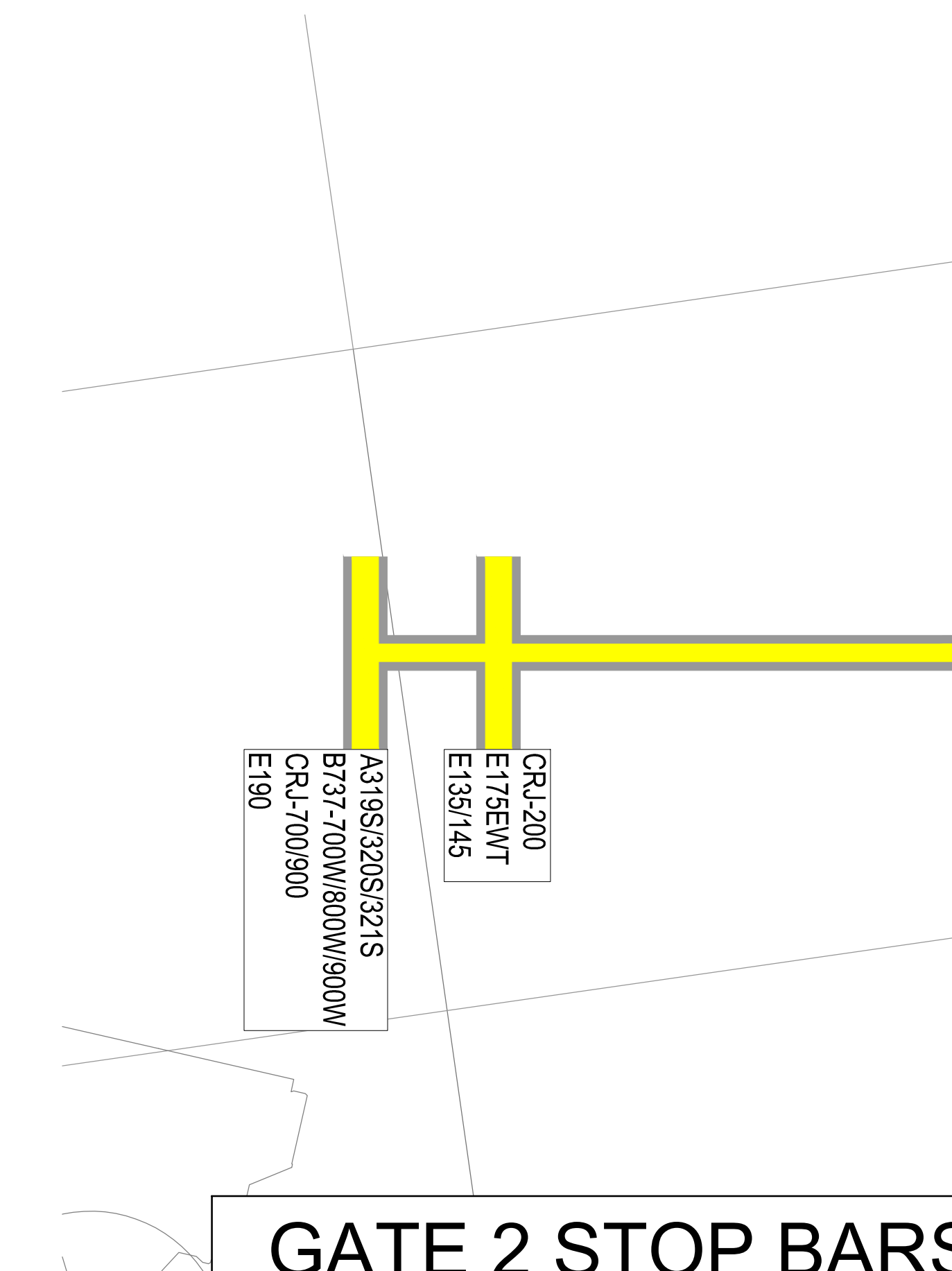




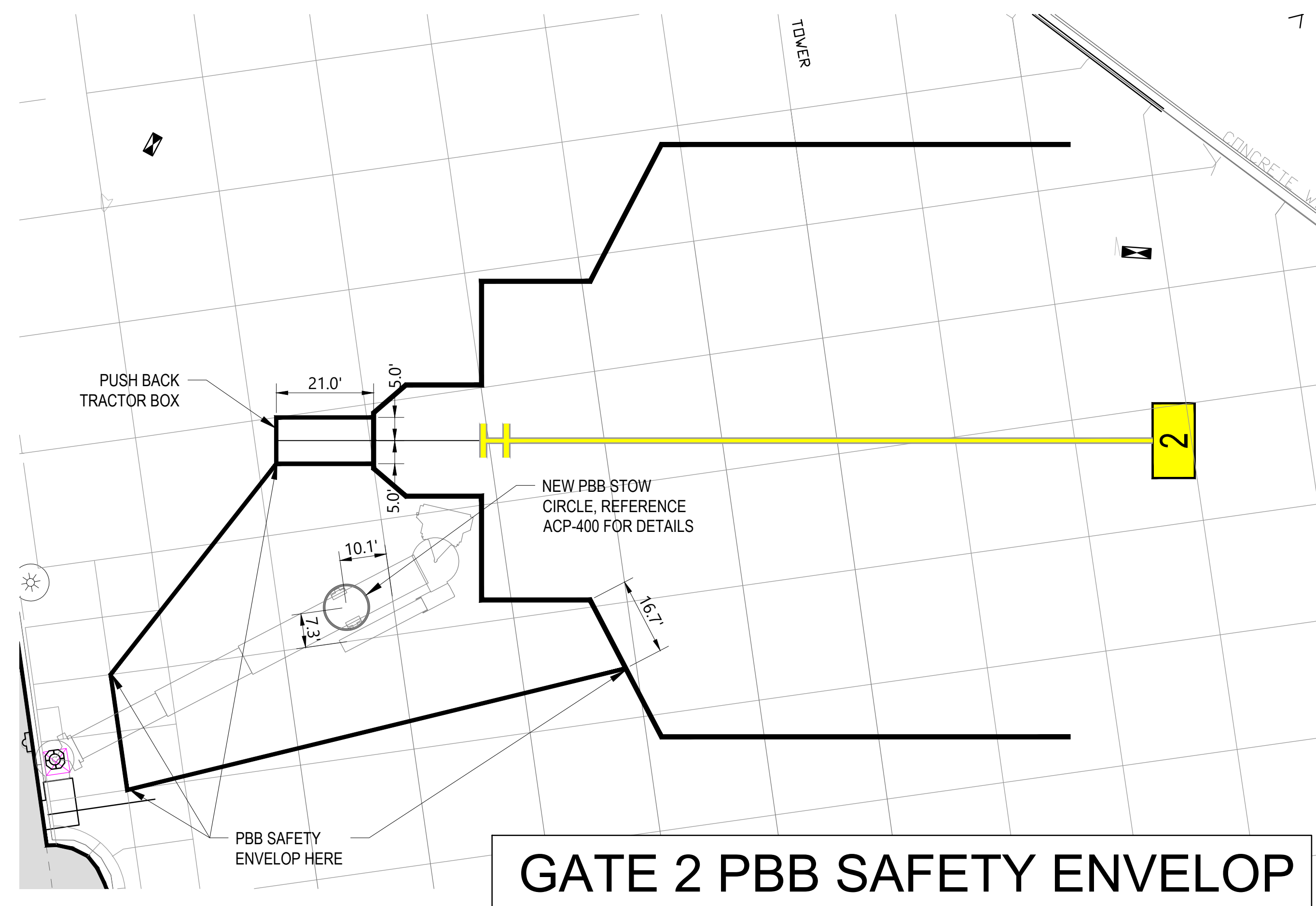
GATGE 2 LEAD-IN LINE



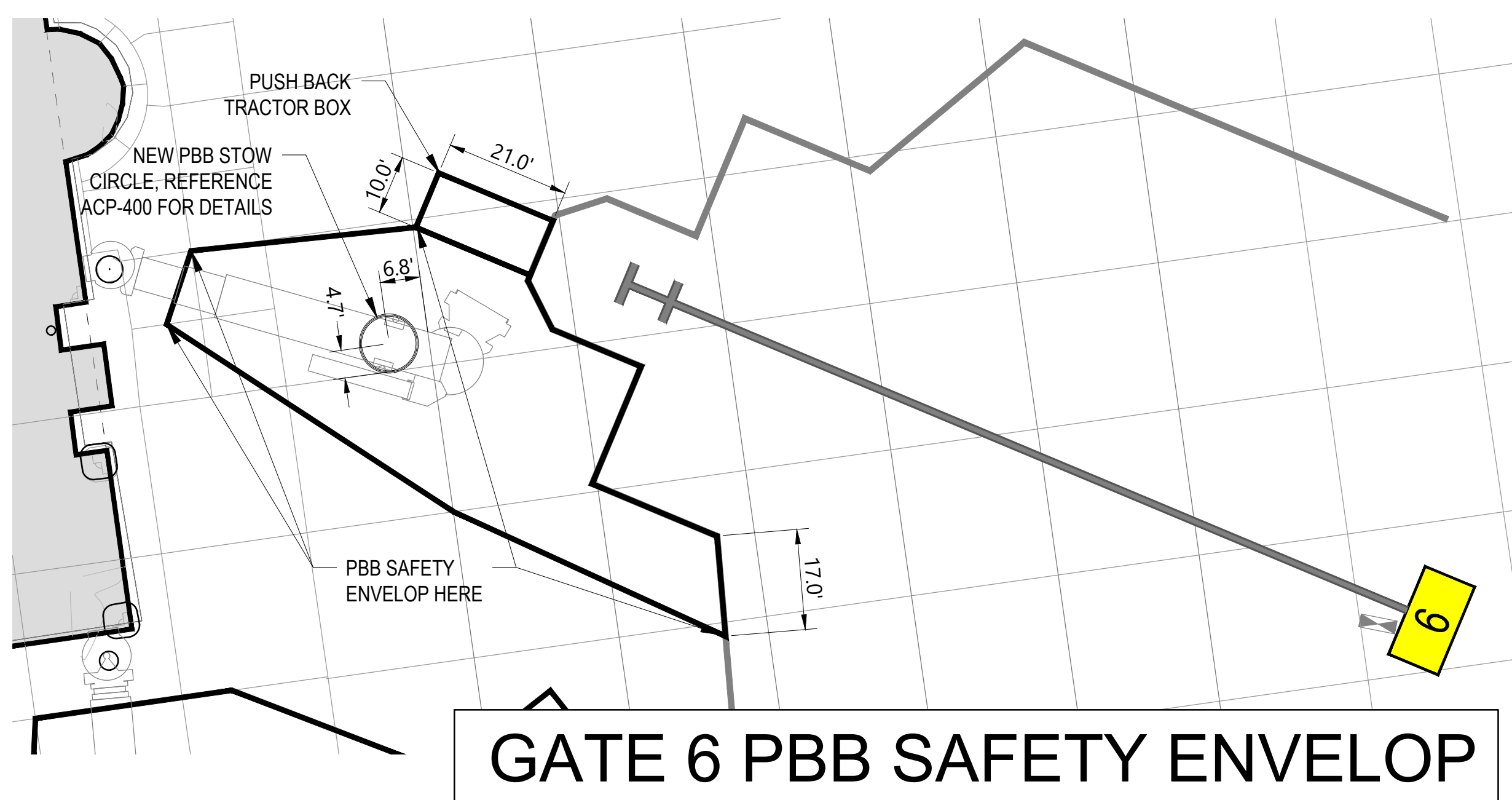
GATE 2 AIRCRAFT SAFETY ENVELOP



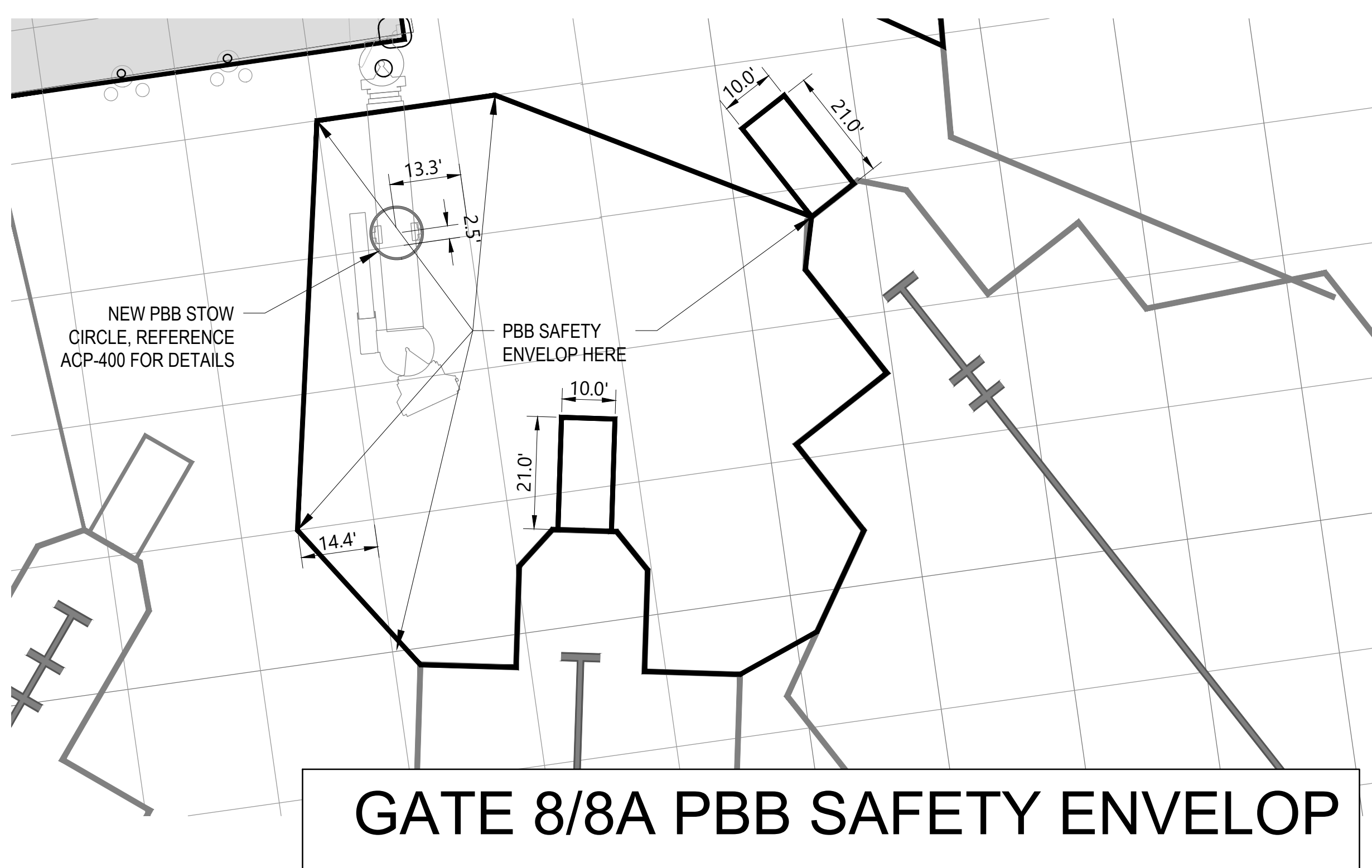
GATE 2 STOP BARS



GATE 2 PBB SAFETY ENVELOP



GATE 6 PBB SAFETY ENVELOP



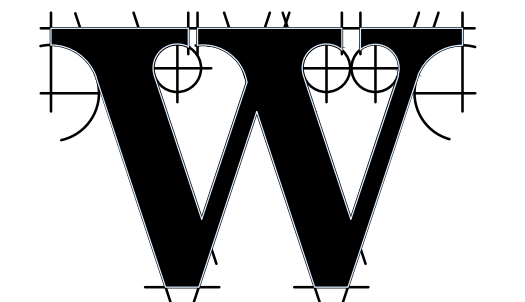
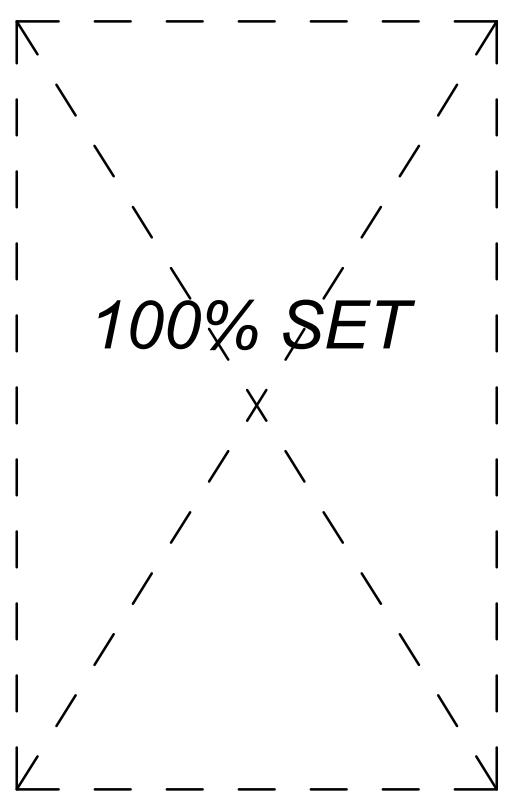
GATE 8/8A PBB SAFETY ENVELOP

NOTES:

1. LEAD-IN LINE LOCATION DIMENSIONED FROM CONCRETE PANEL JOINTS
2. AIRCRAFT SAFETY ENVELOP LOCATION DIMENSIONED FROM LEAD-IN LINE
3. PBB SAFETY ENVELOP LOCATION INTERSECTS WITH AIRCRAFT SAFETY ENVELOP AND/OR CONCRETE PAVEMENT JOINTS AS SHOWN
4. REFERENCE PBB SAFETY ENVELOP AND HATCHING DETAILS ON ACP-400

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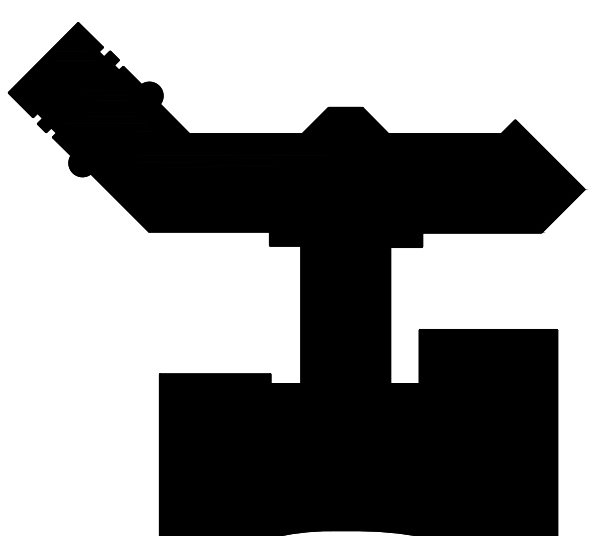
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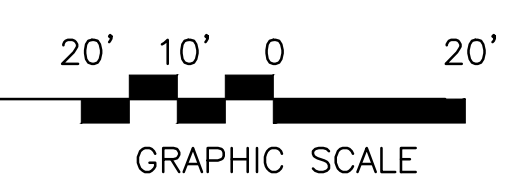
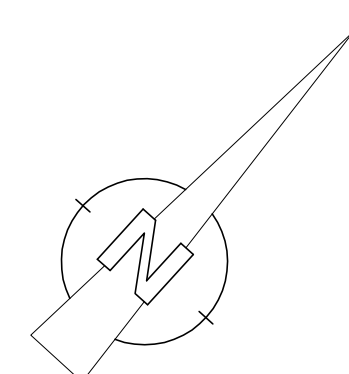
REVISIONS

DATE 6/28/2019
PROJECT NUMBER 9202-000
SHEET TITLE

APRON MARKING
PLANS GATE 2, 6, 8A
- CONTRACT 3,
SCHEDULE 1

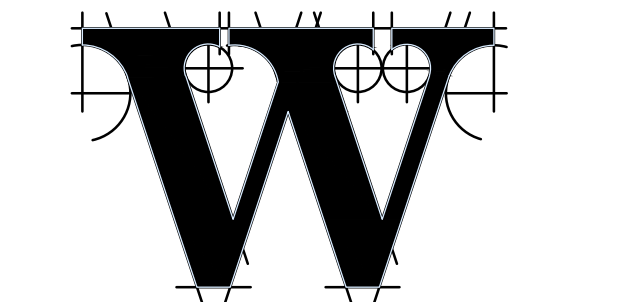
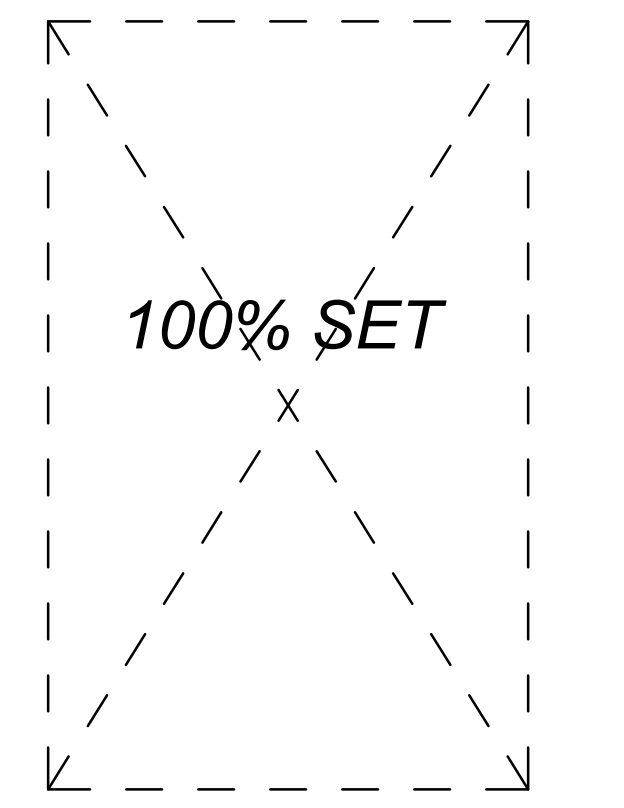
SHEET NUMBER

ACP-311



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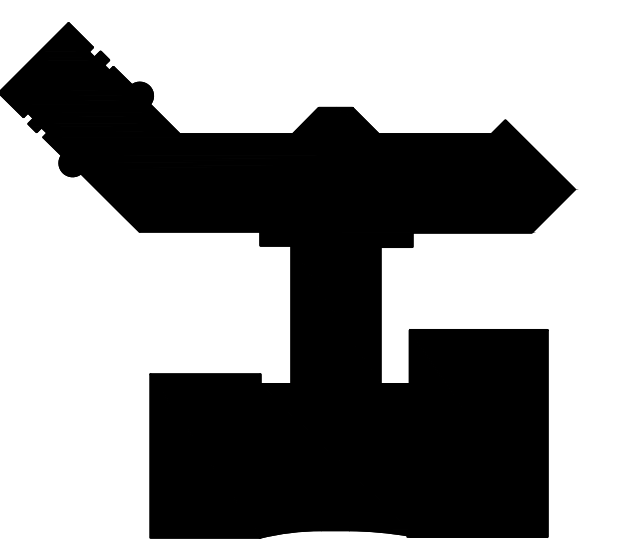
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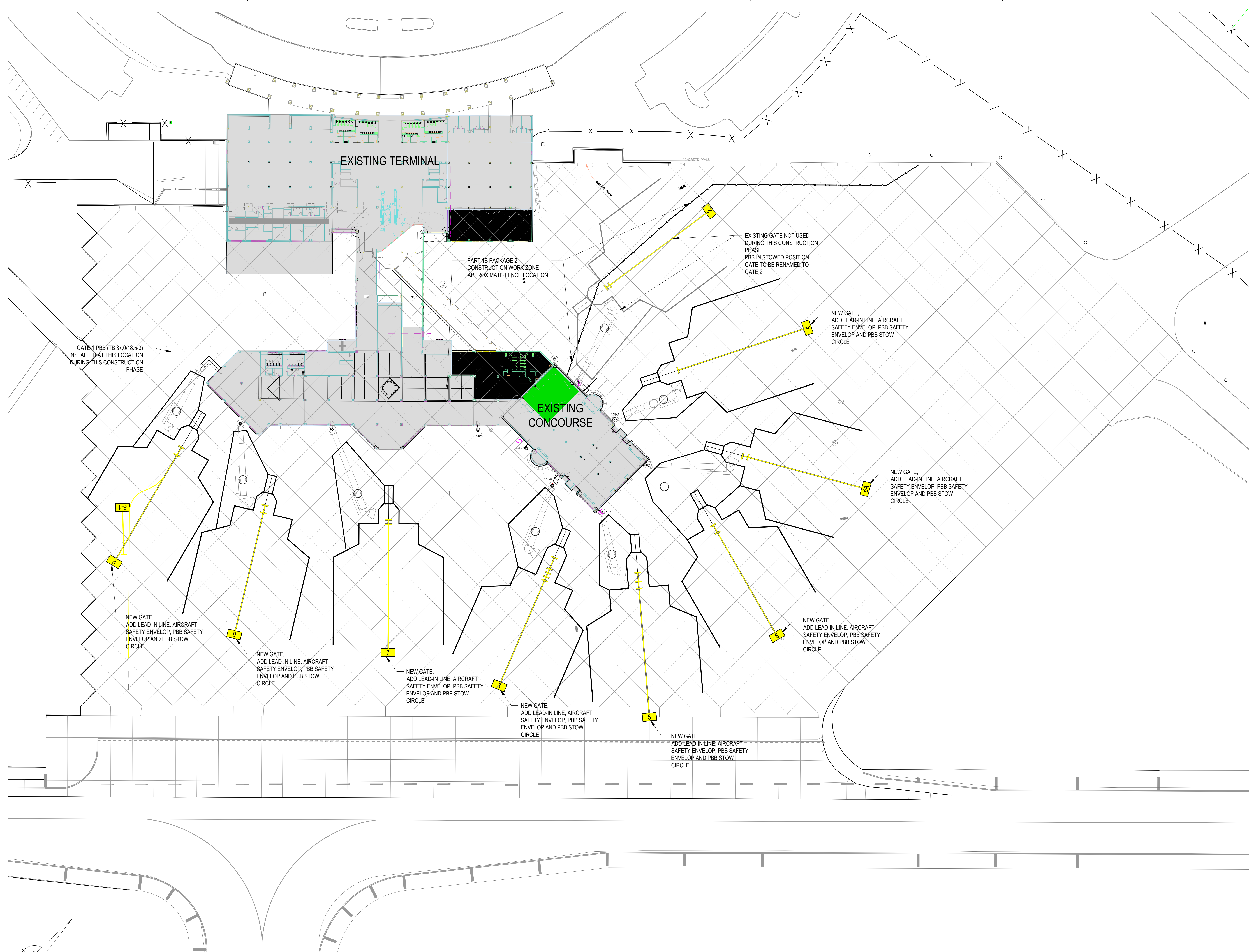
REVISIONS

DATE 6/28/2019
PROJECT NUMBER 9202-000
SHEET TITLE

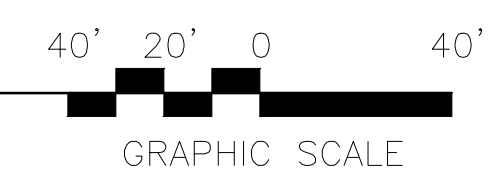
OVERALL APRON MARKING PLAN - CONTRACT 3, SCHEDULE 2

SHEET NUMBER

ACP-320

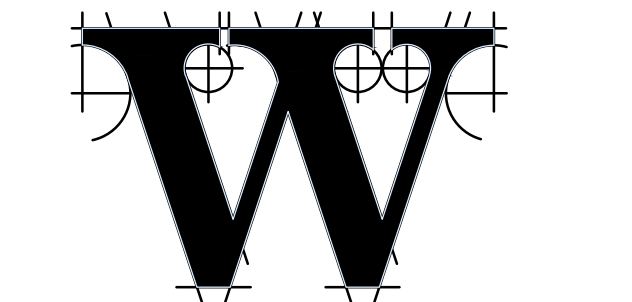
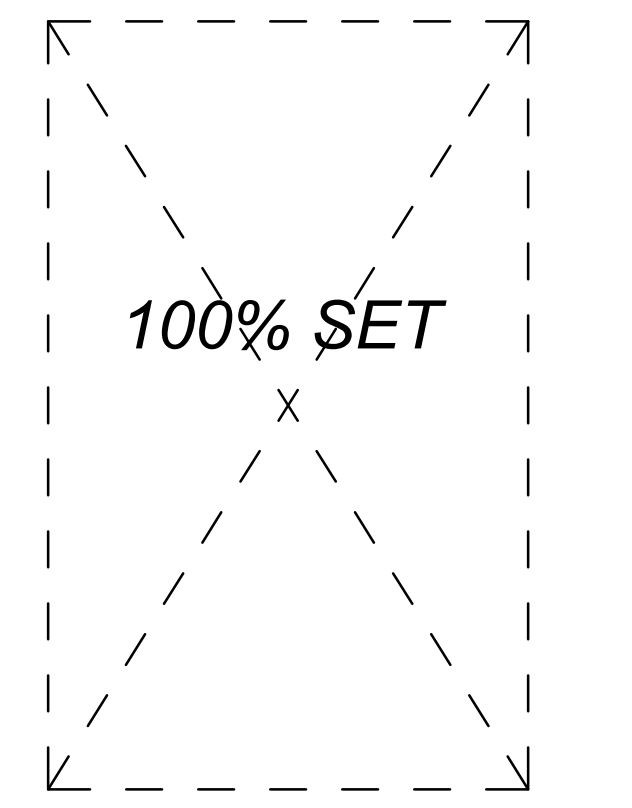


1 OVERALL APRON MARKING PLAN, CONTRACT 3 - SCHEDULE 2
1" = 40'-0"



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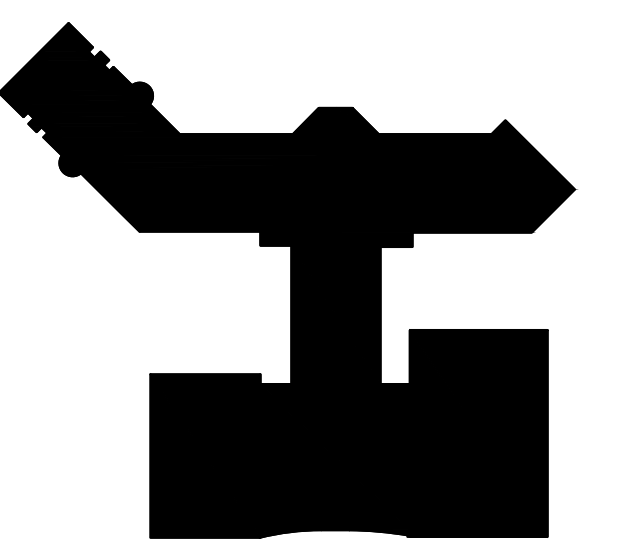
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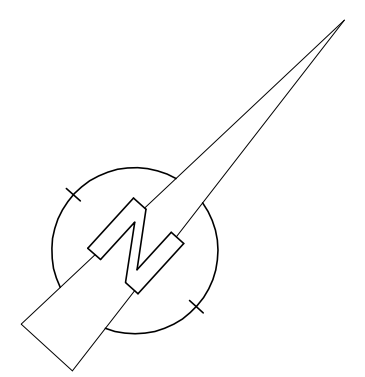
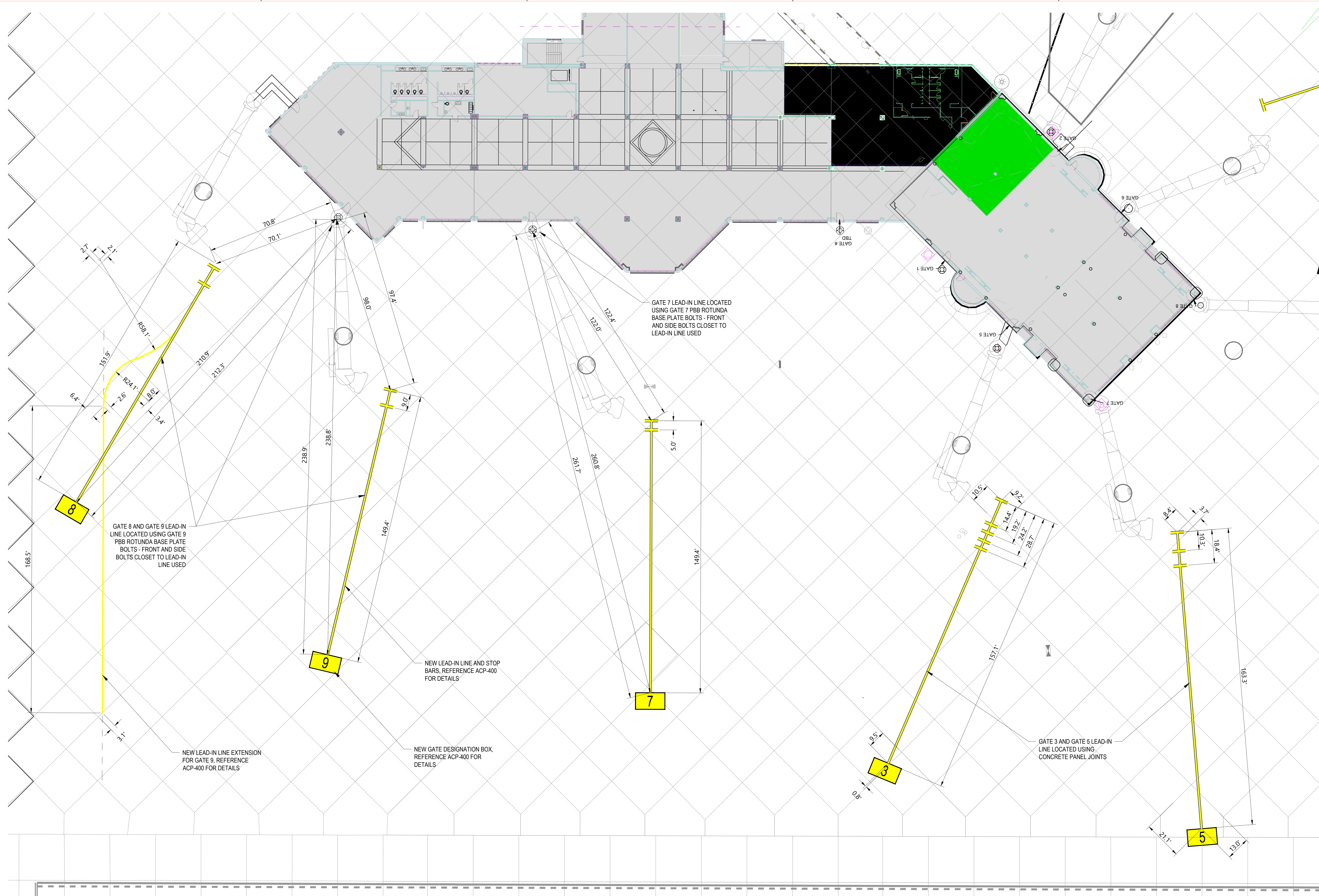
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PROJECT NUMBER 9202-000
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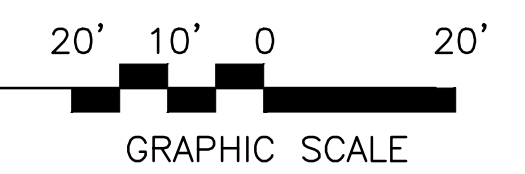
LEAD-IN LINE LOCATION PLAN - CONTRACT 3, SCHEDULE 2

SHEET NUMBER

ACP-321

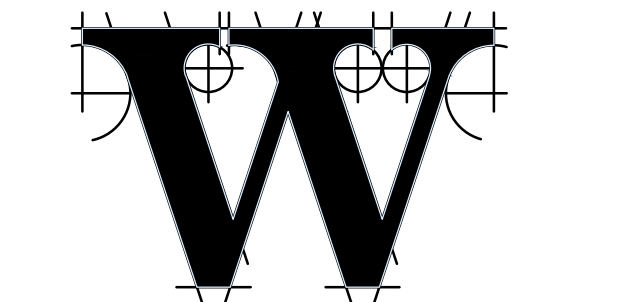
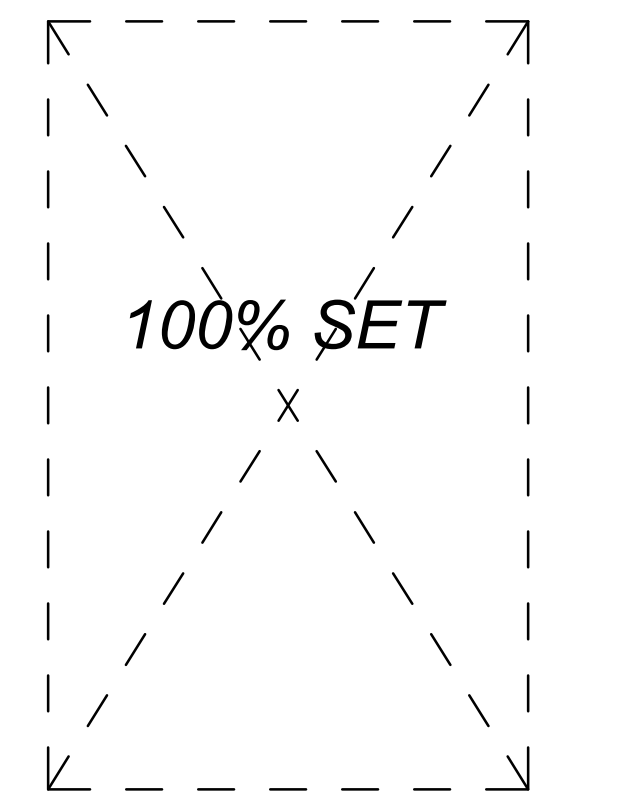


1 LEAD-IN LINE LOCATION PLAN, GATES 3, 5, 7, 8, 9 - CONTRACT 3 - SCHEDULE 2
1" = 20'-0"



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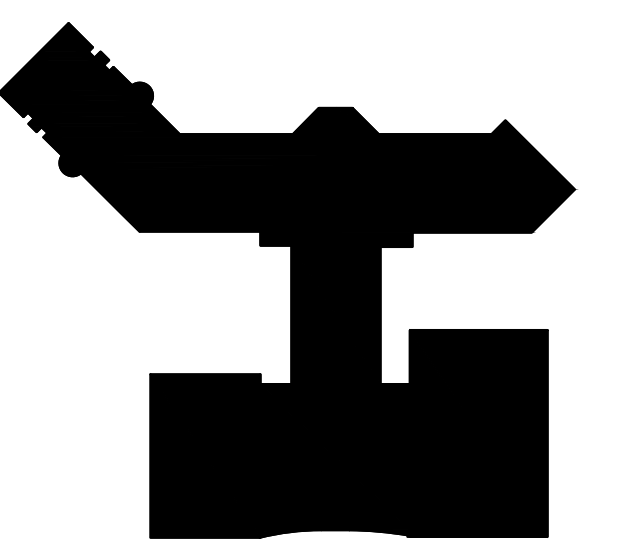
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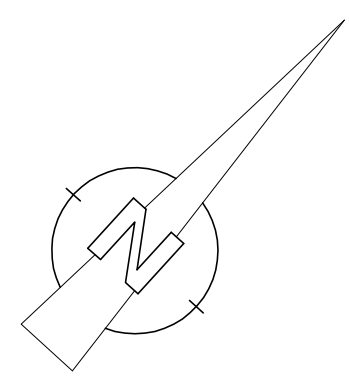
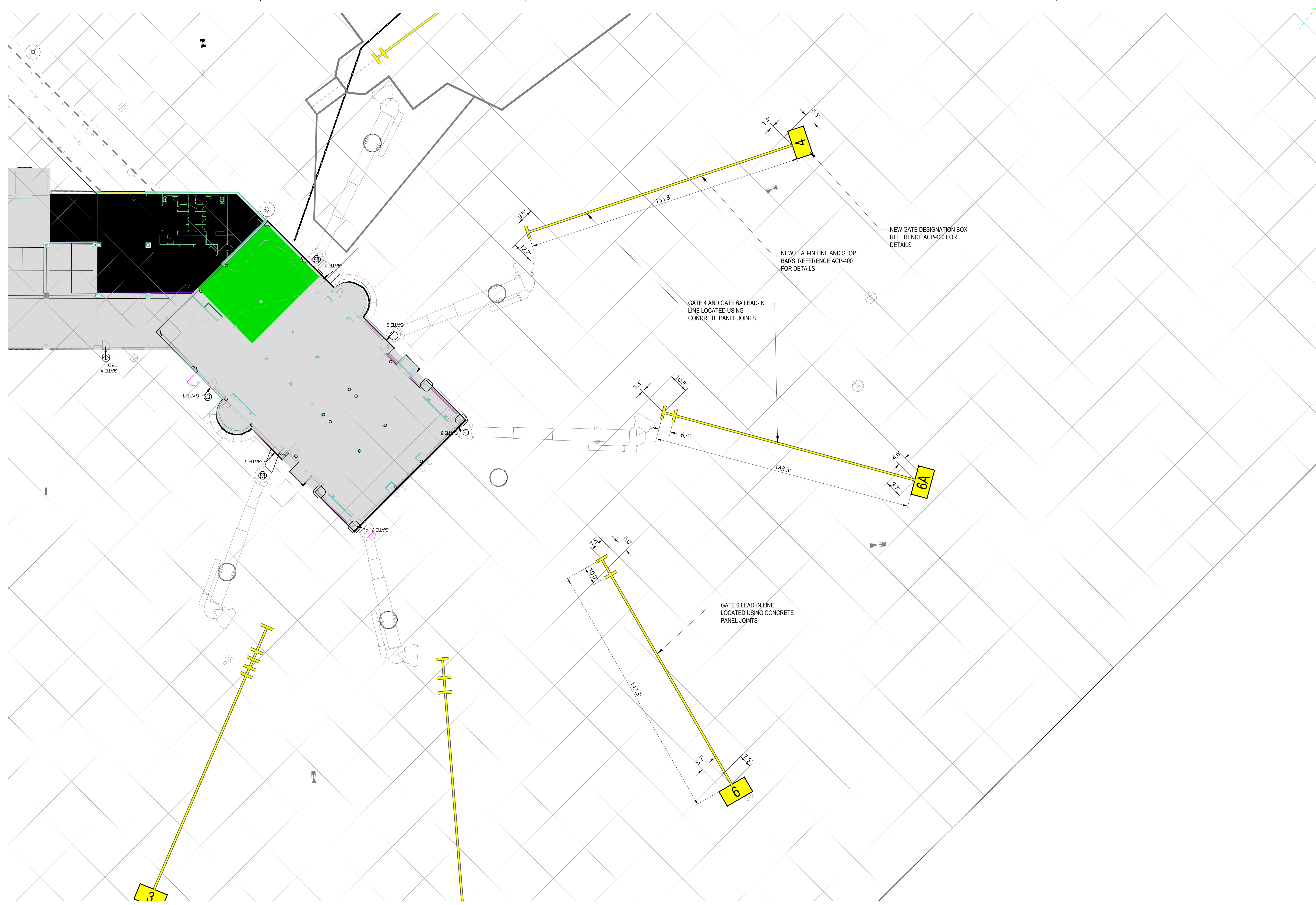
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DATE 6/28/2019
PROJECT NUMBER 9202-000
SHEET TITLE

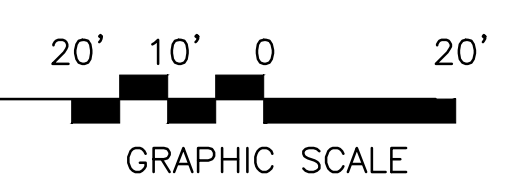
LEAD-IN LINE LOCATION PLAN - CONTRACT 3, SCHEDULE 2

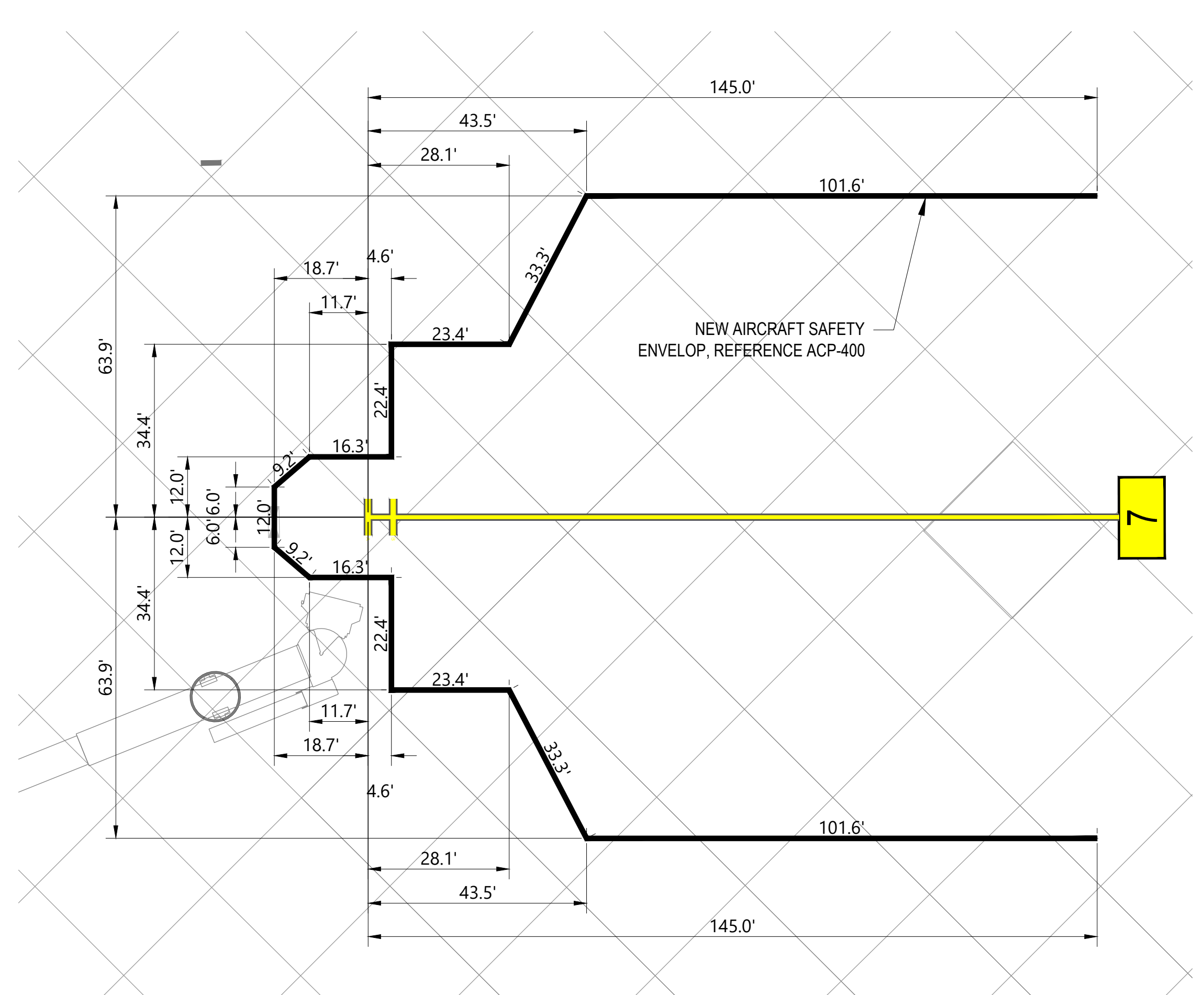
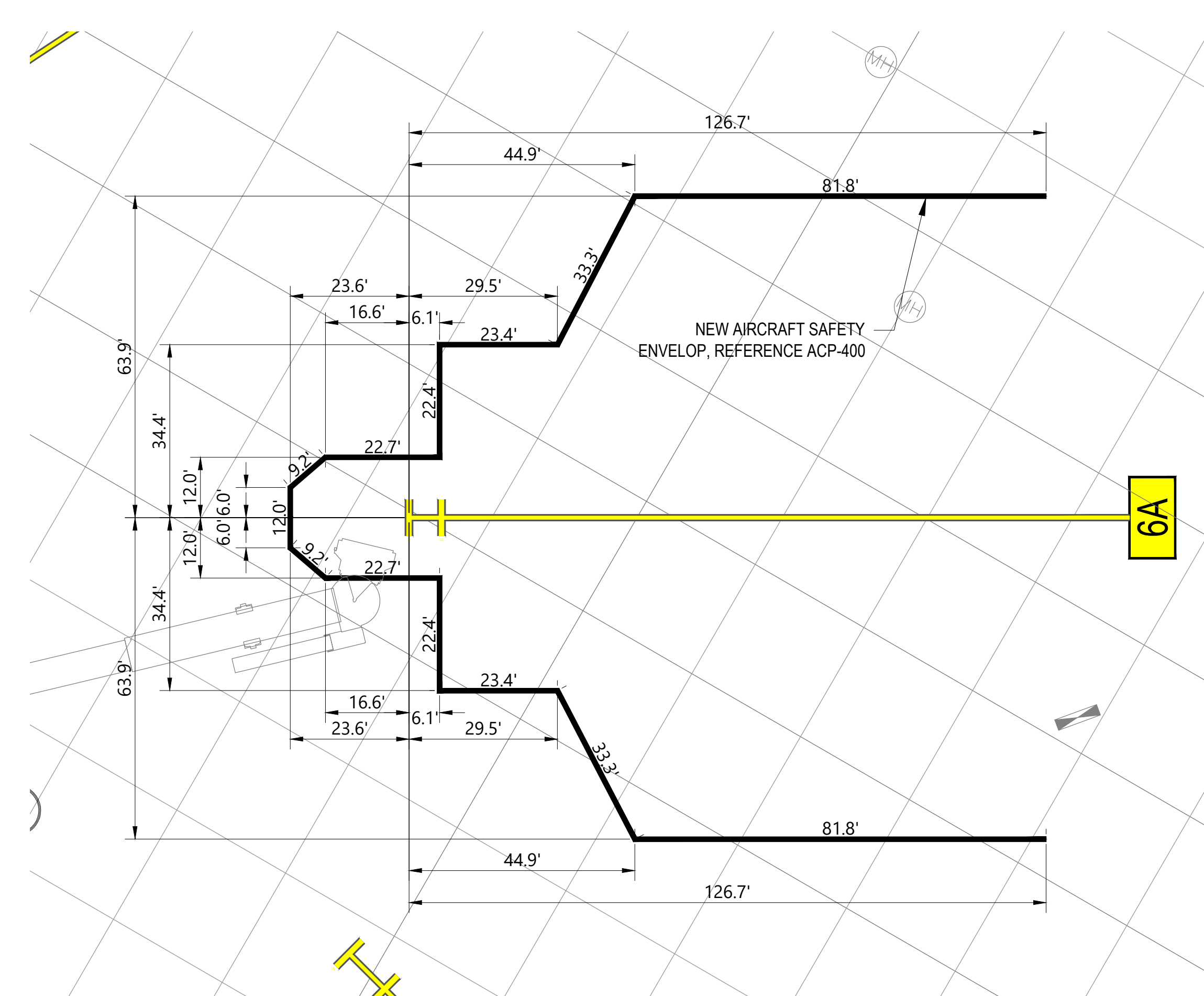
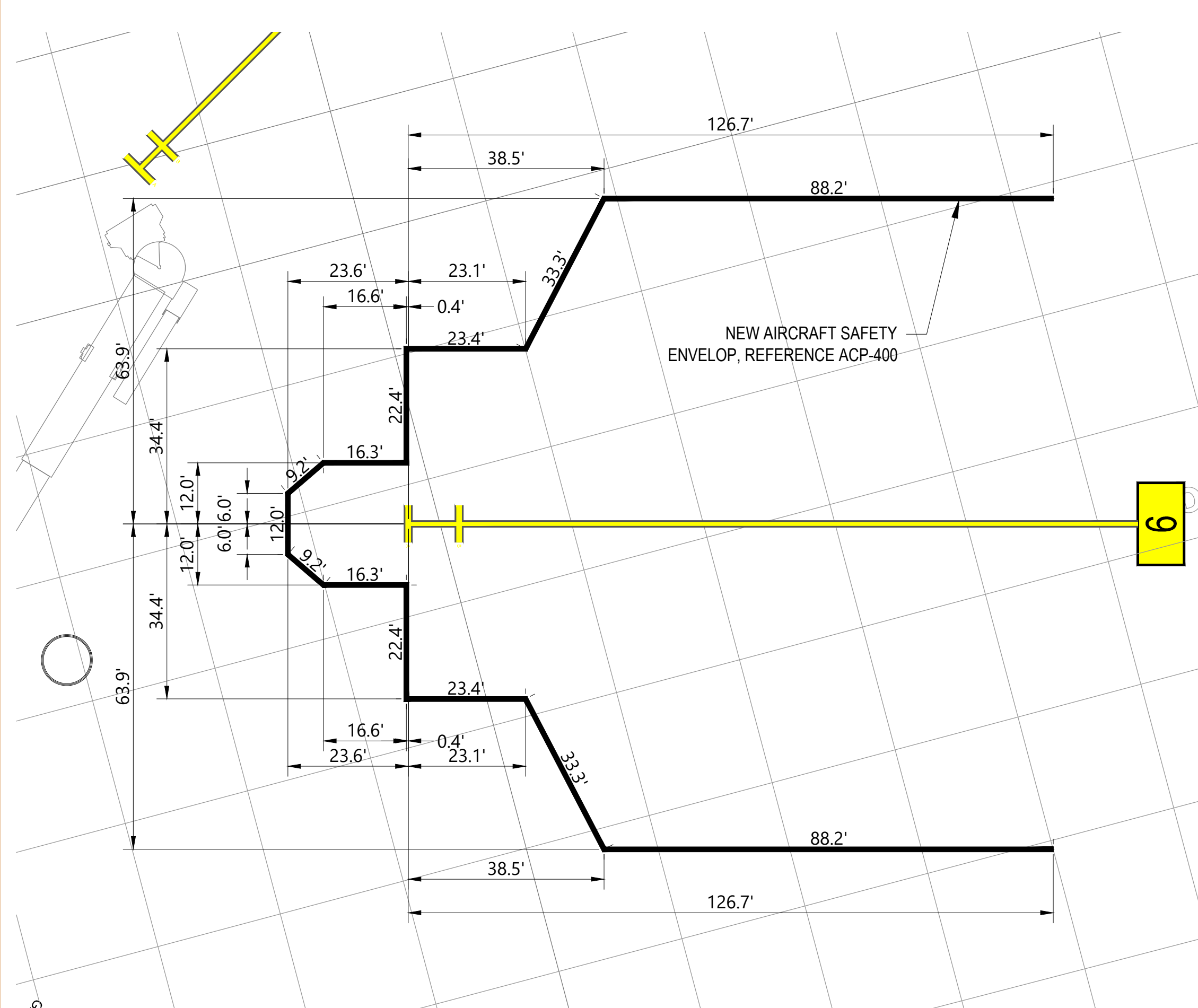
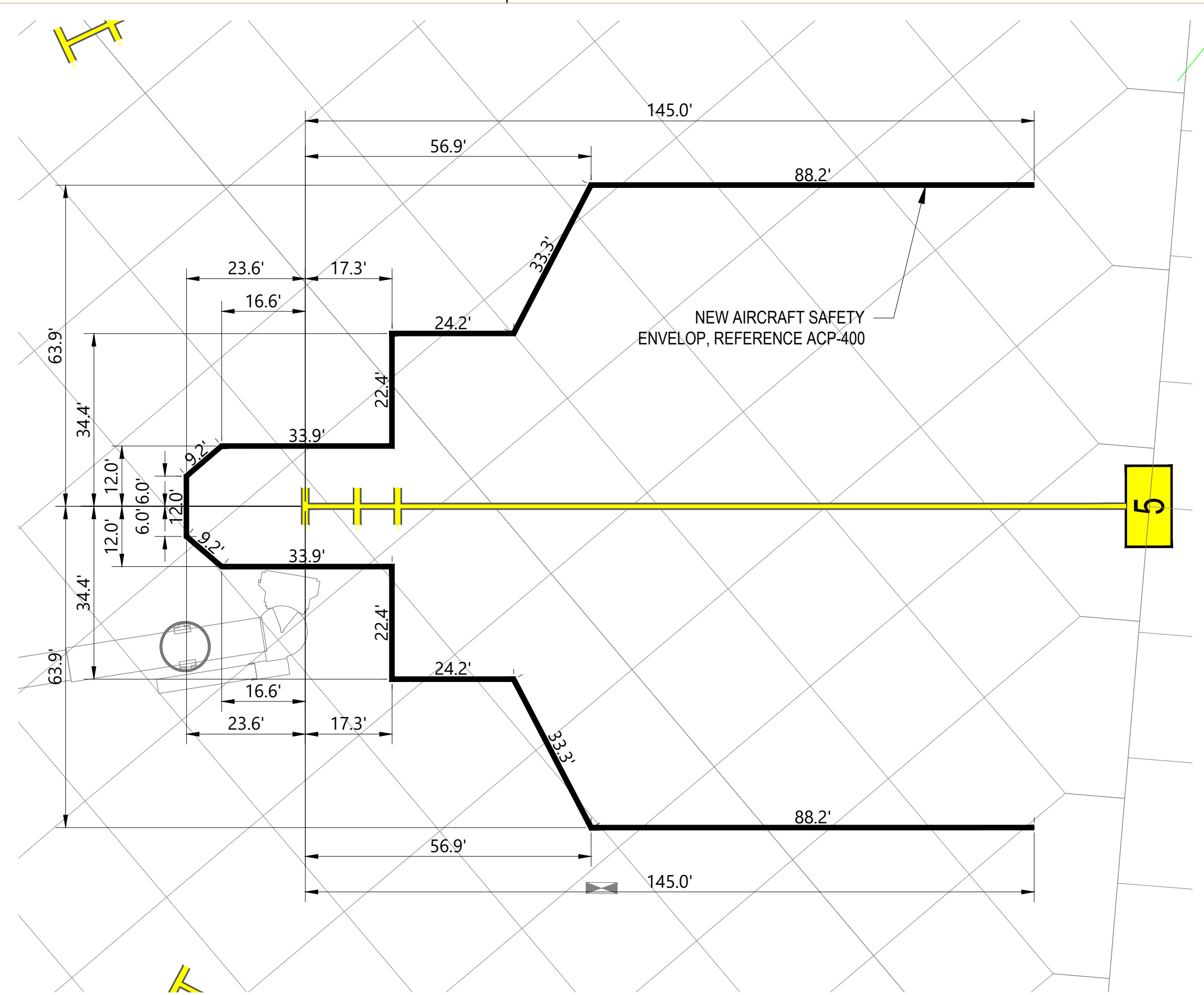
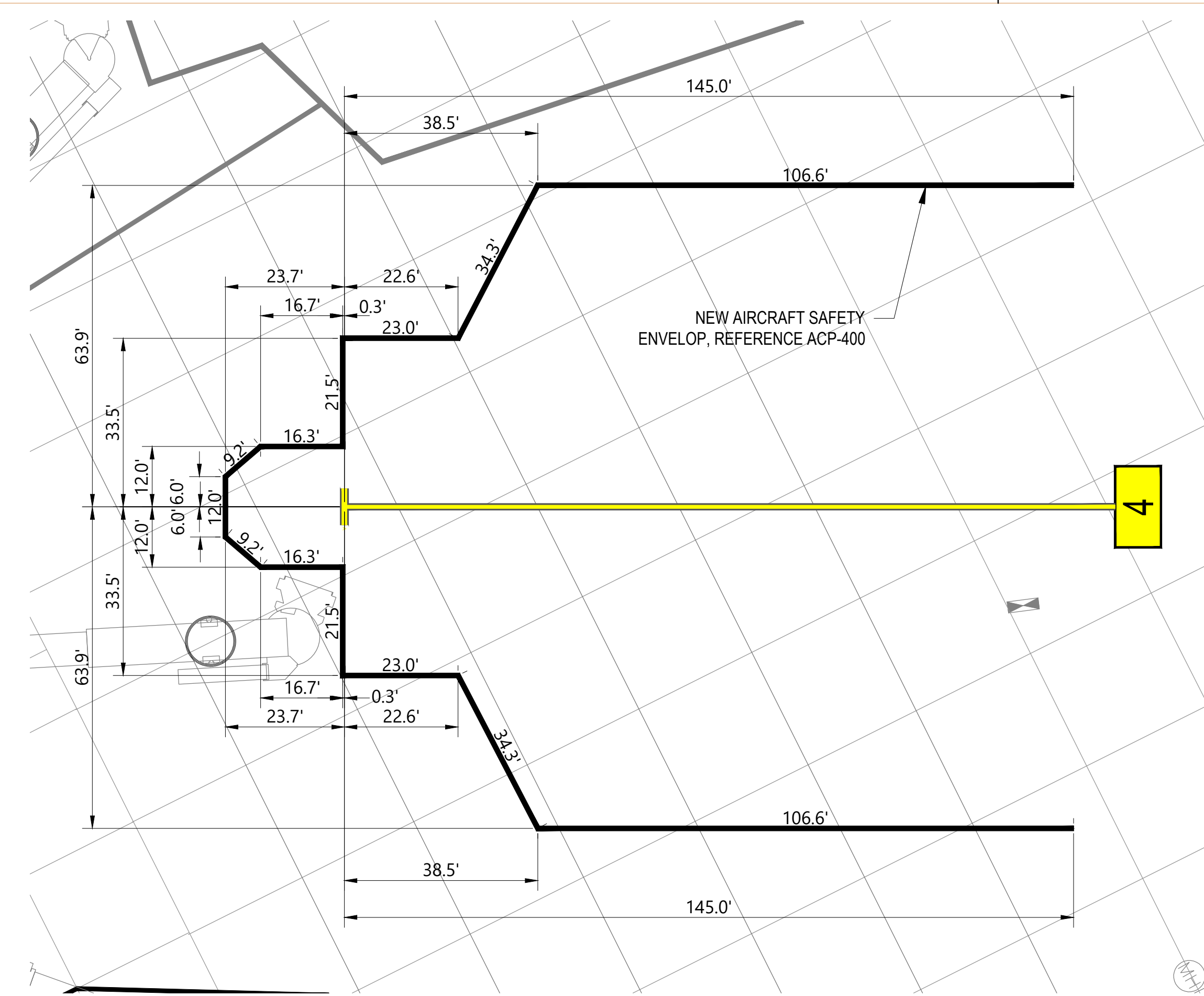
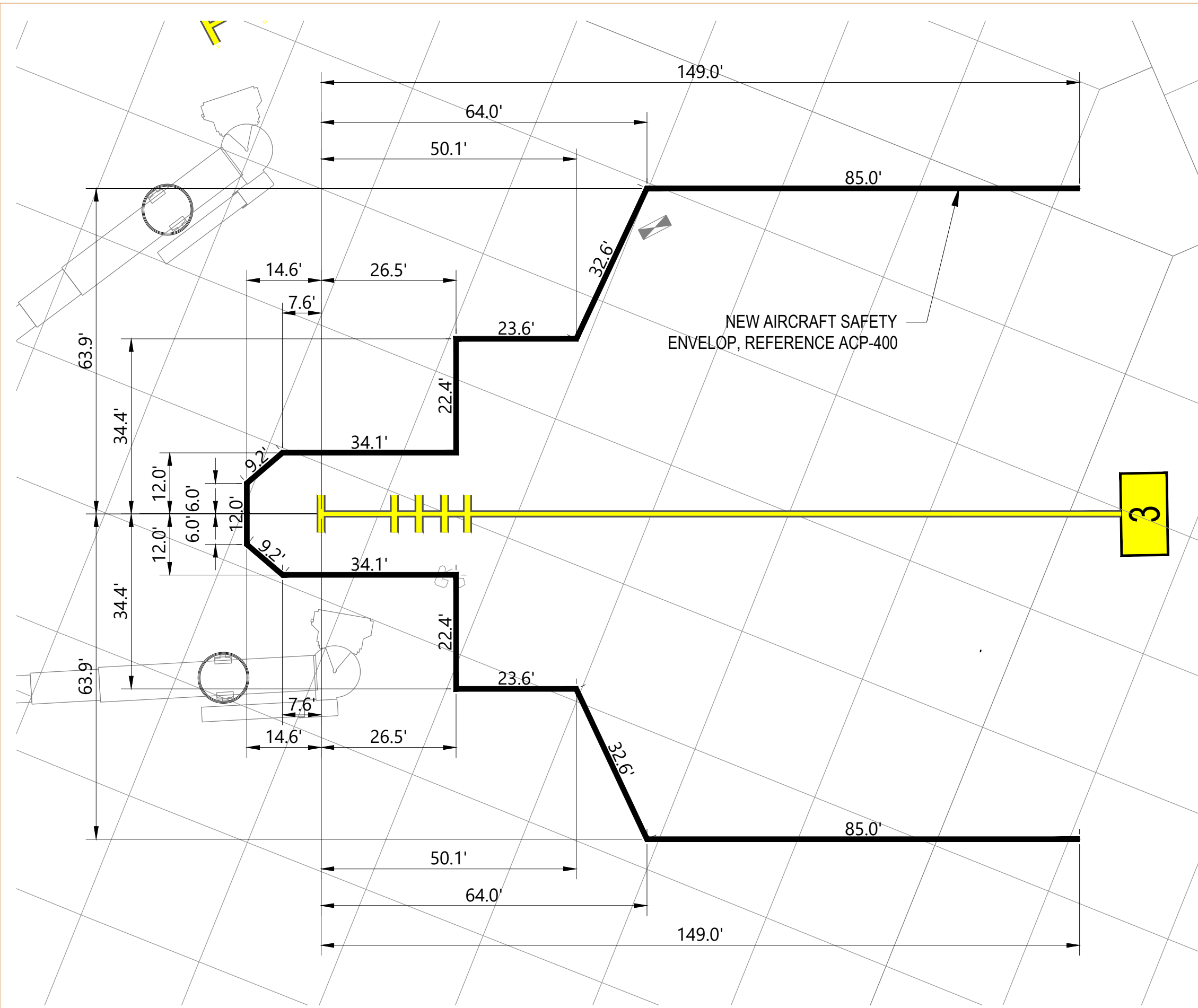
SHEET NUMBER

ACP-322



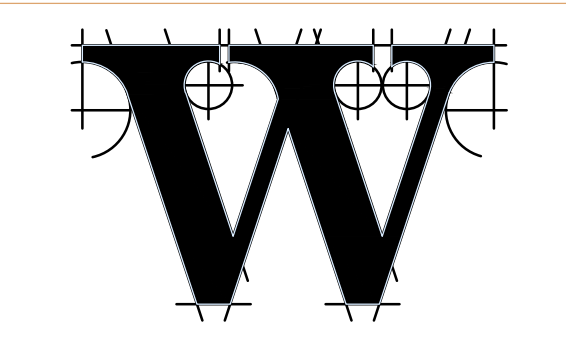
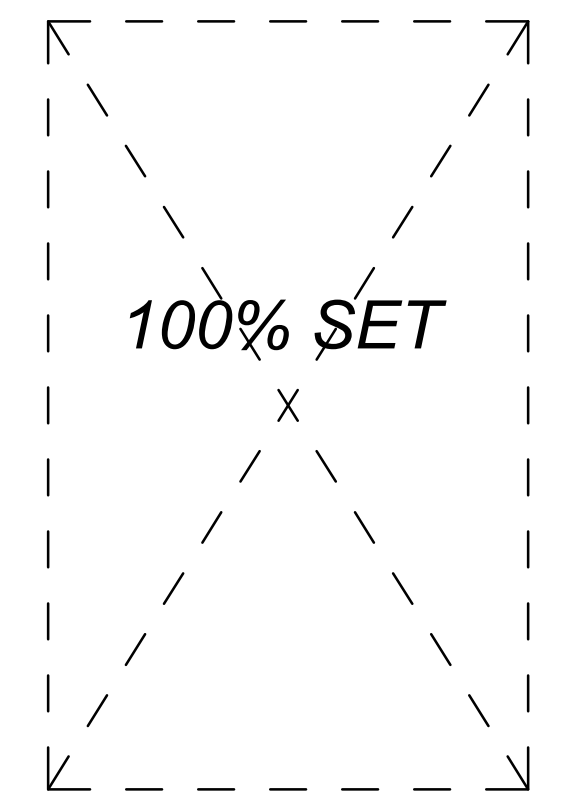
1 LEAD-IN LINE LOCATION PLAN, GATES 4, 6, 6A - CONTRACT 3 - SCHEDULE 2
1" = 20'-0"





NOTES:
 1. AIRCRAFT SAFETY ENVELOP LOCATION DIMENSIONED FROM LEAD-IN LINE

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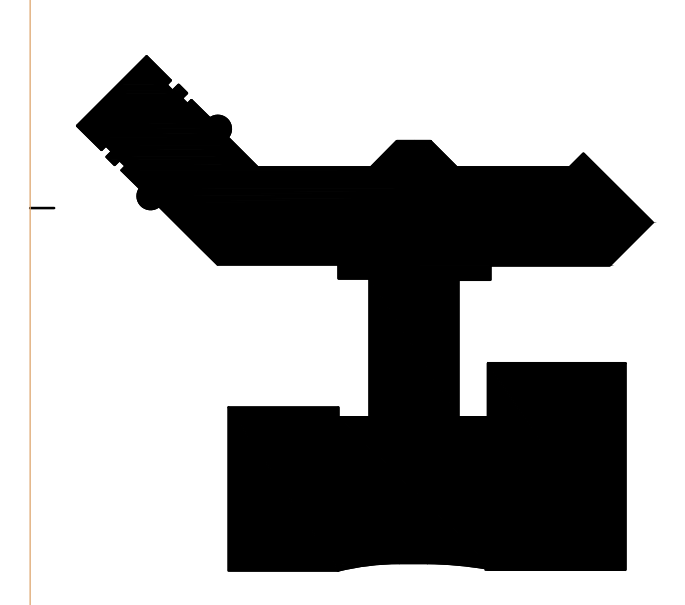
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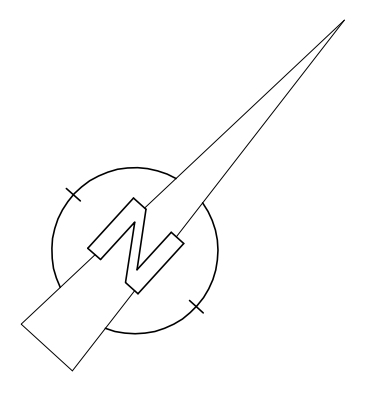
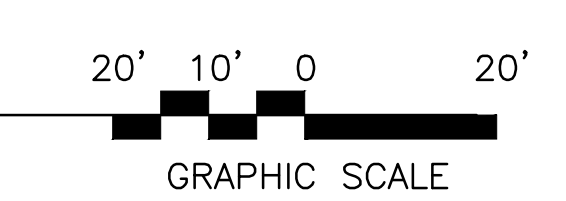
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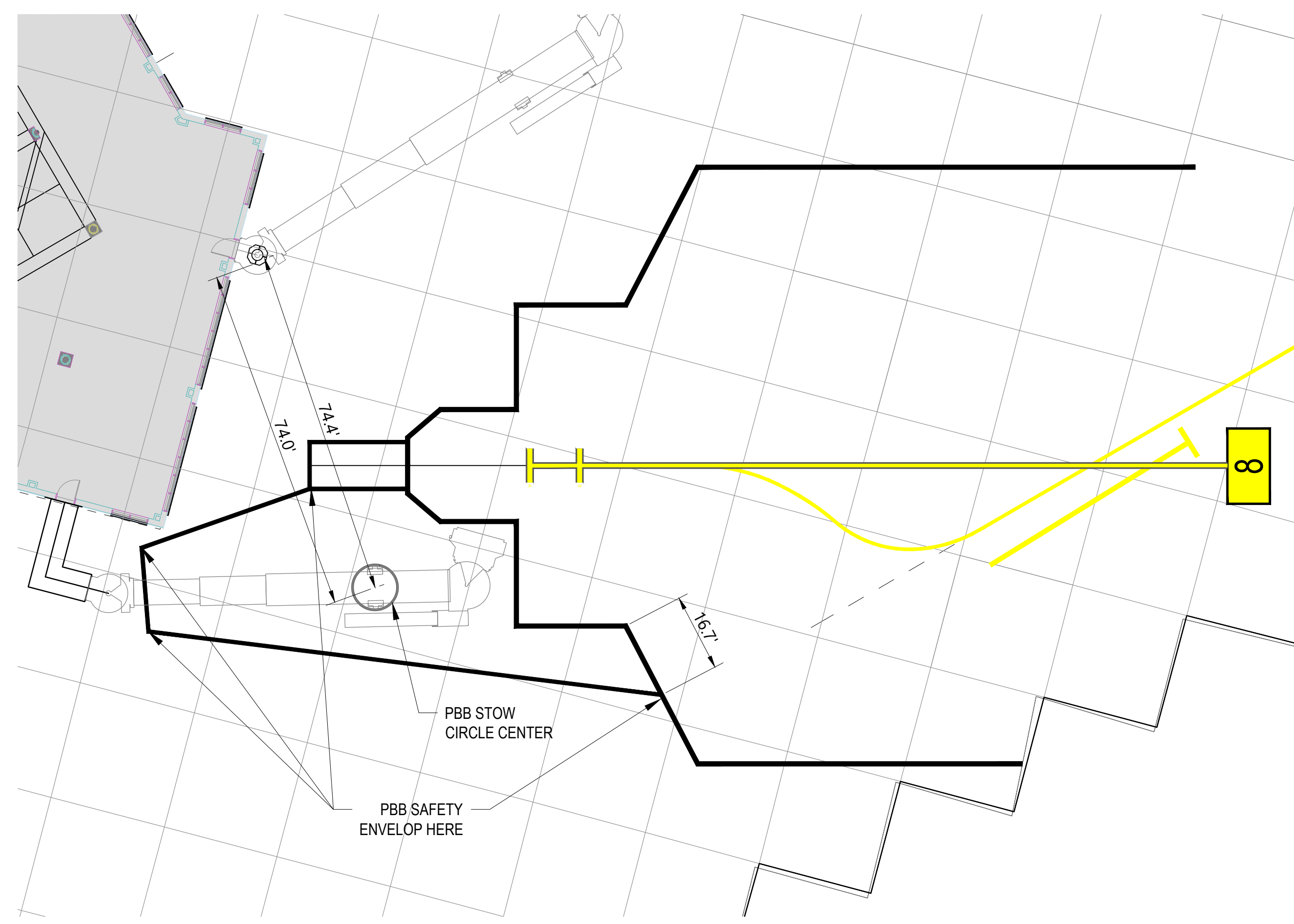
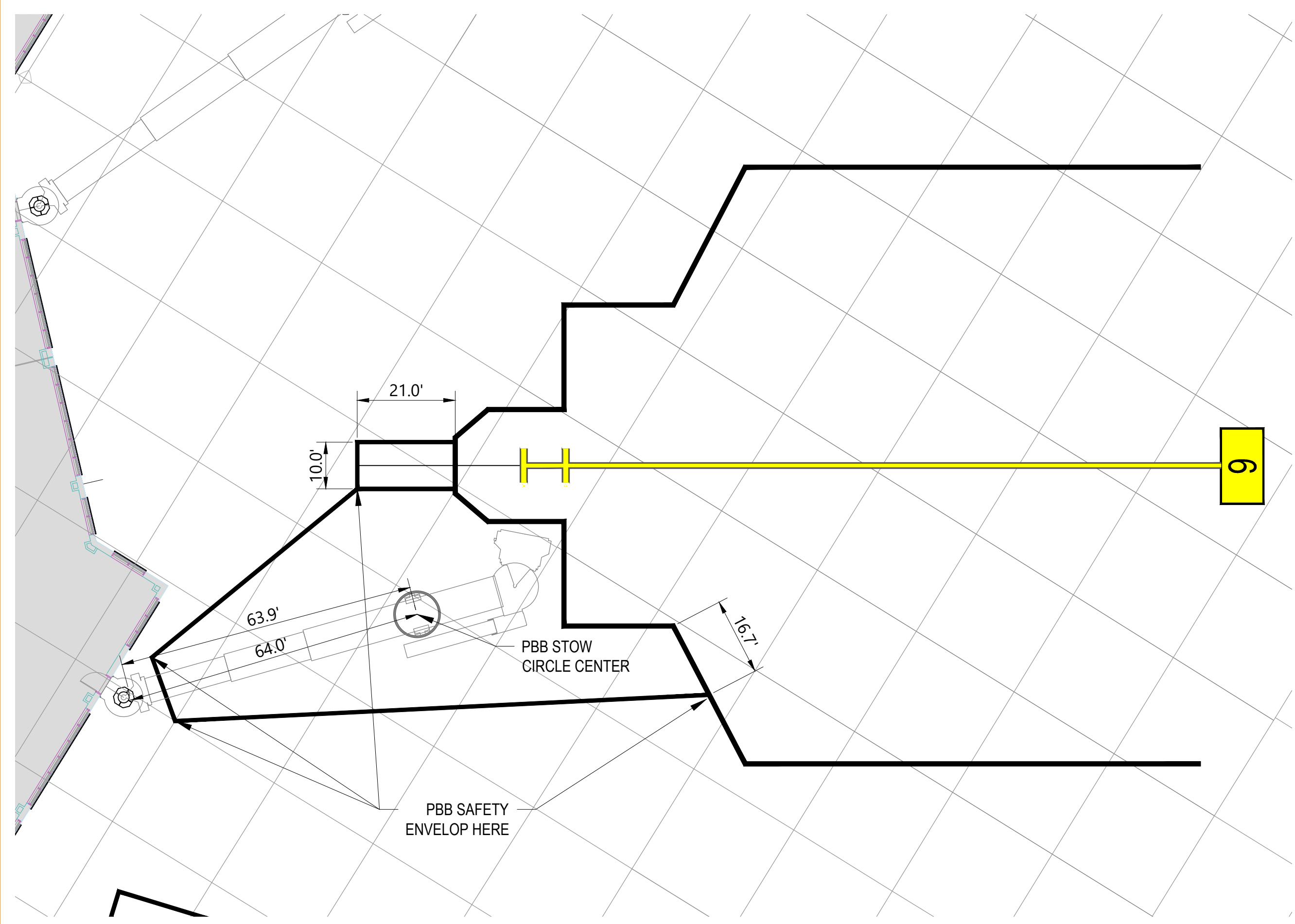
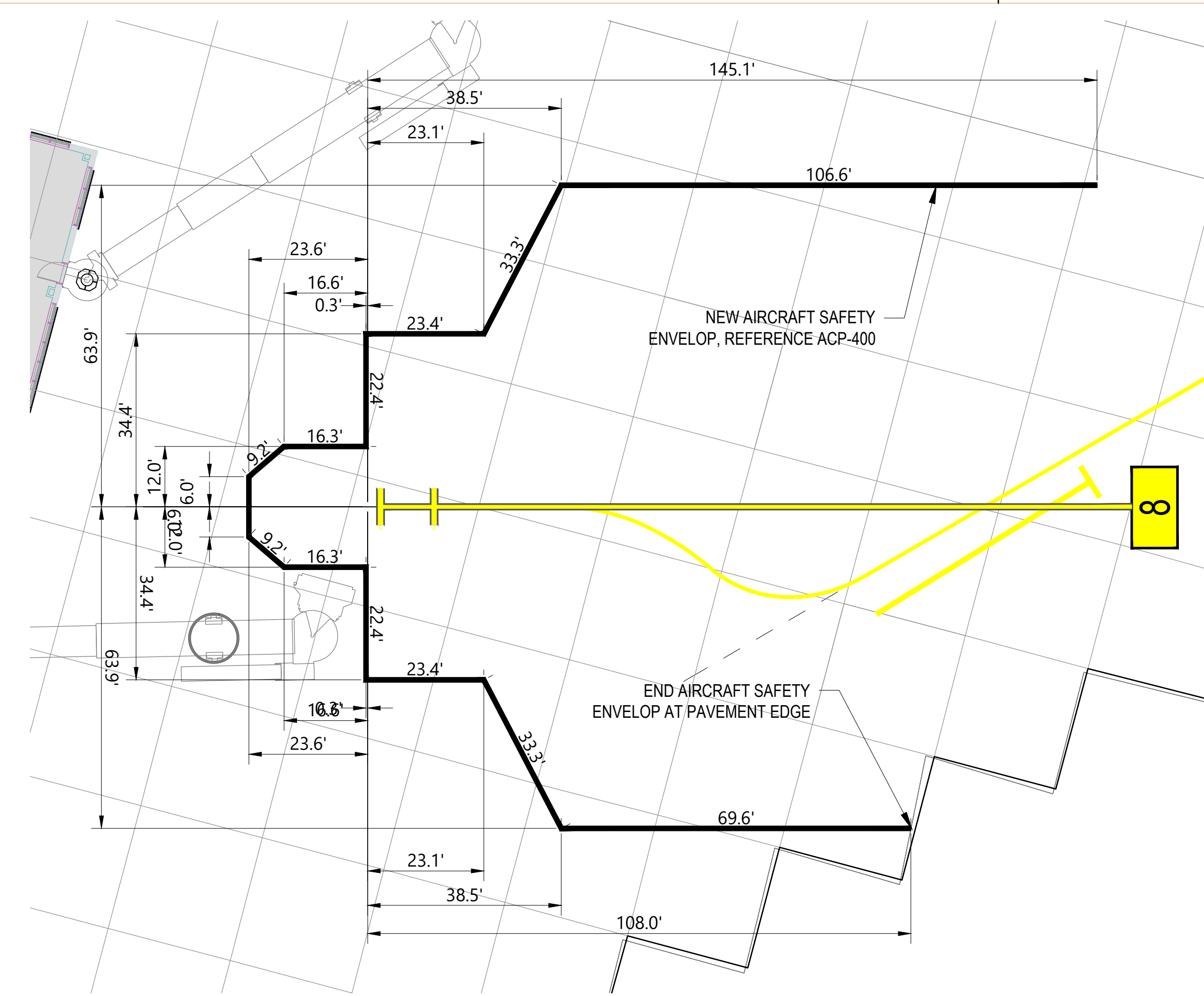
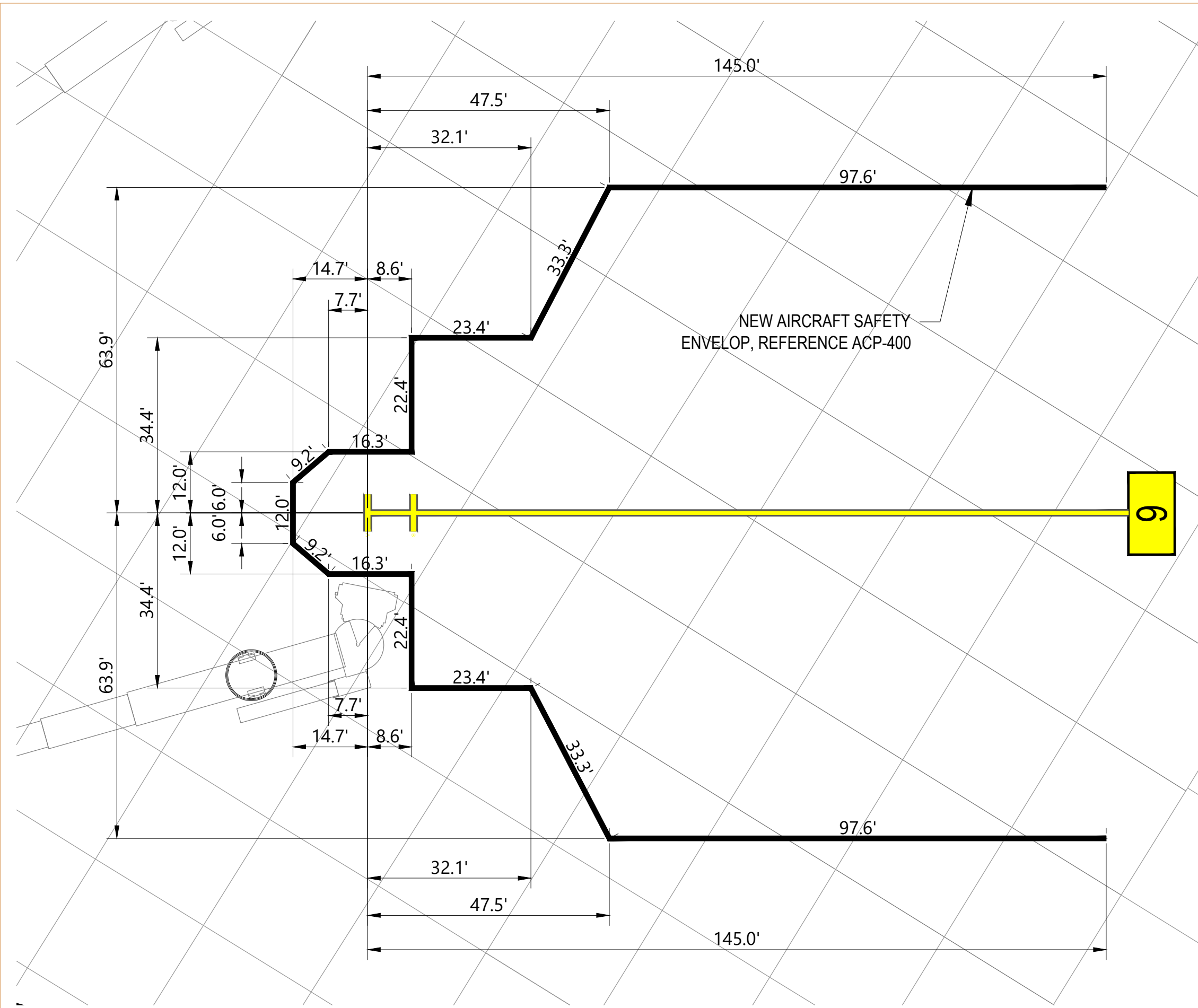
DATE 6/28/2019
 PROJECT NUMBER 9202-000
 SHEET TITLE

AIRCRAFT SAFETY ENVELOP LOCATION PLAN - CONTRACT 3, SCHEDULE 2

SHEET NUMBER
ACP-323

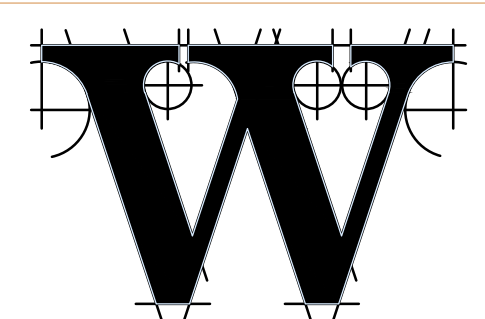
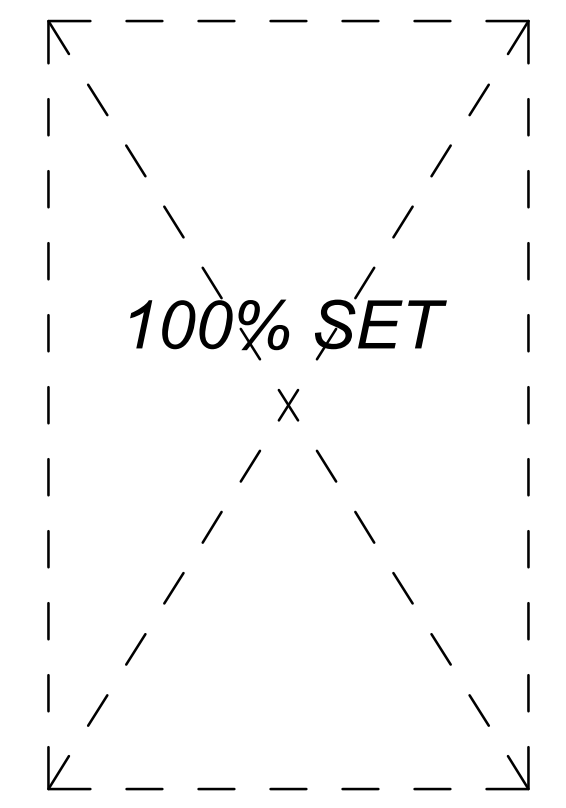
1 AIRCRAFT SAFETY ENVELOP LOCATION PLAN, GATES 3, 4, 5, 6, 6A, 7 - CONTRACT 3 - SCHEDULE 2
 1" = 20'-0"





- NOTES:
1. AIRCRAFT SAFETY ENVELOP LOCATION DIMENSIONED FROM LEAD-IN LINE
 2. PBB STOW CIRCLE DIMENSIONED FROM PBB BASE PLATE BOLTS - FRONT AND SIDE CLOSEST TO STOW CIRCLE LOCATION
 3. PBB SAFETY ENVELOP LOCATION INTERSECTS WITH AIRCRAFT SAFETY ENVELOP AND/OR CONCRETE PAVEMENT JOINTS AS SHOWN
 4. REFERENCE PBB SAFETY ENVELOP AND HATCHING DETAILS ON ACP-400

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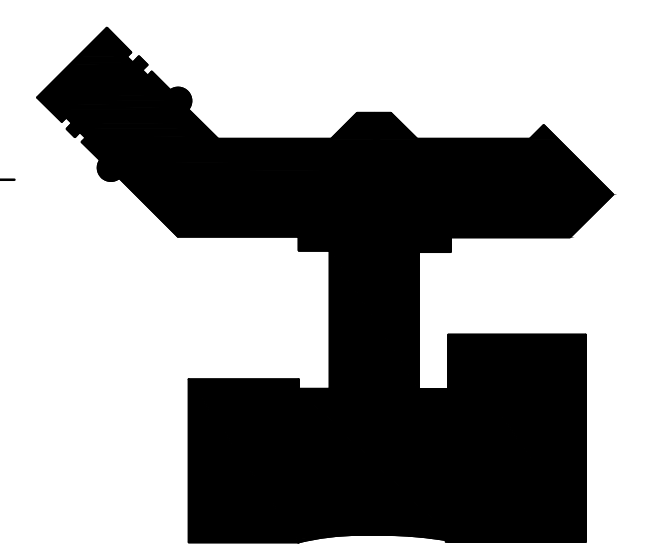
FP/IME ENGINEER
CHEATHAM & ASSOC.

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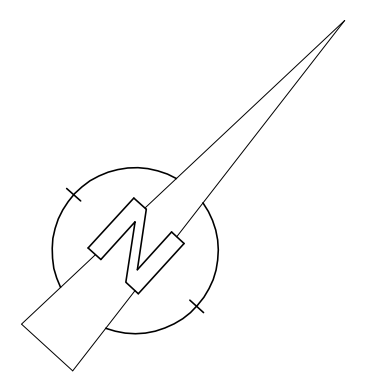
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DATE 6/28/2019
 PROJECT NUMBER 9202-000
 SHEET TITLE

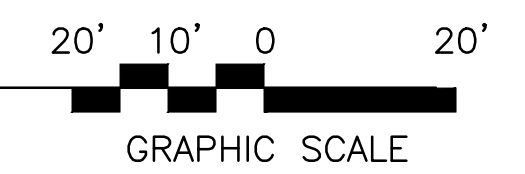
AIRCRAFT SAFETY ENVELOP LOCATION PLAN - CONTRACT 3, SCHEDULE 2

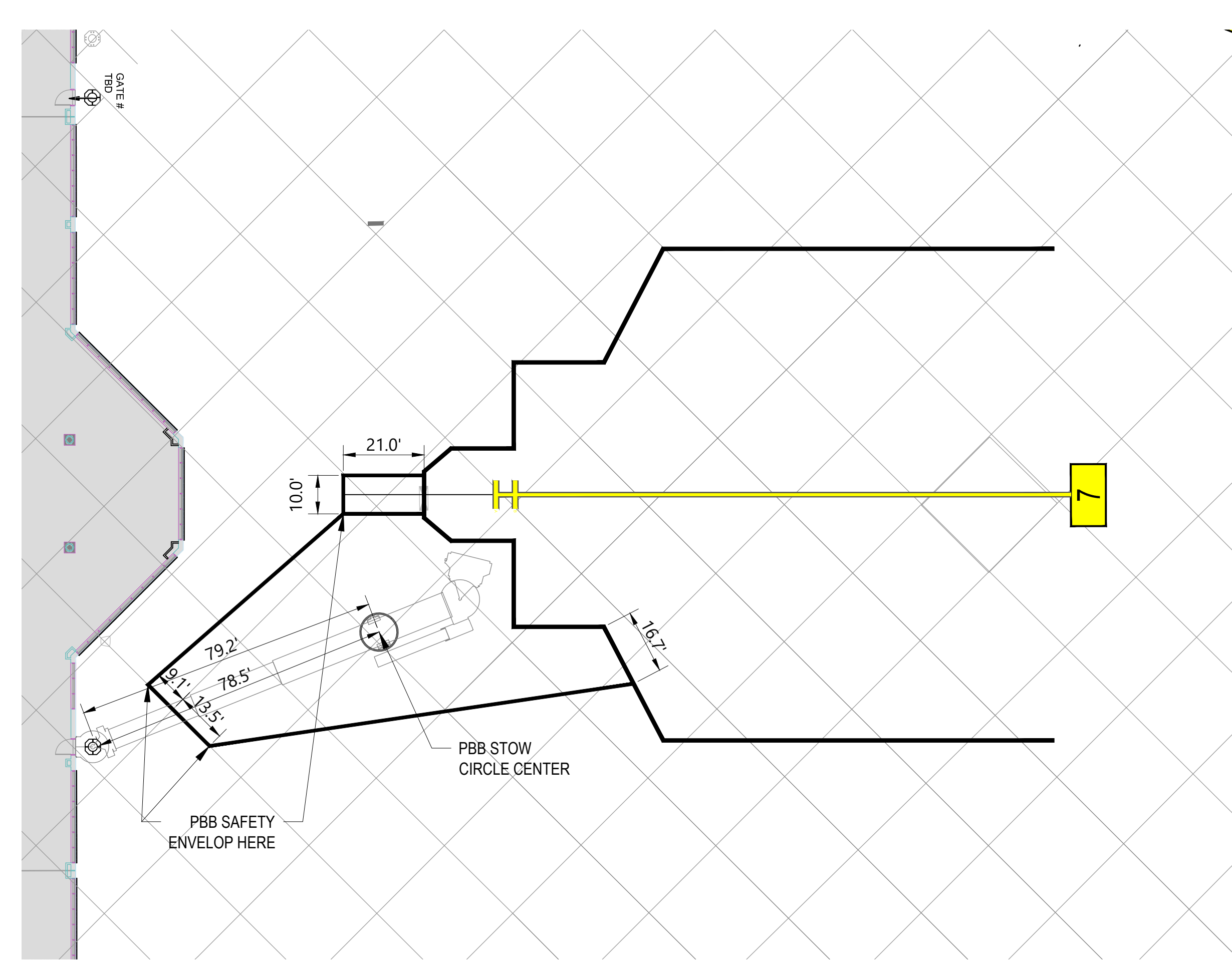
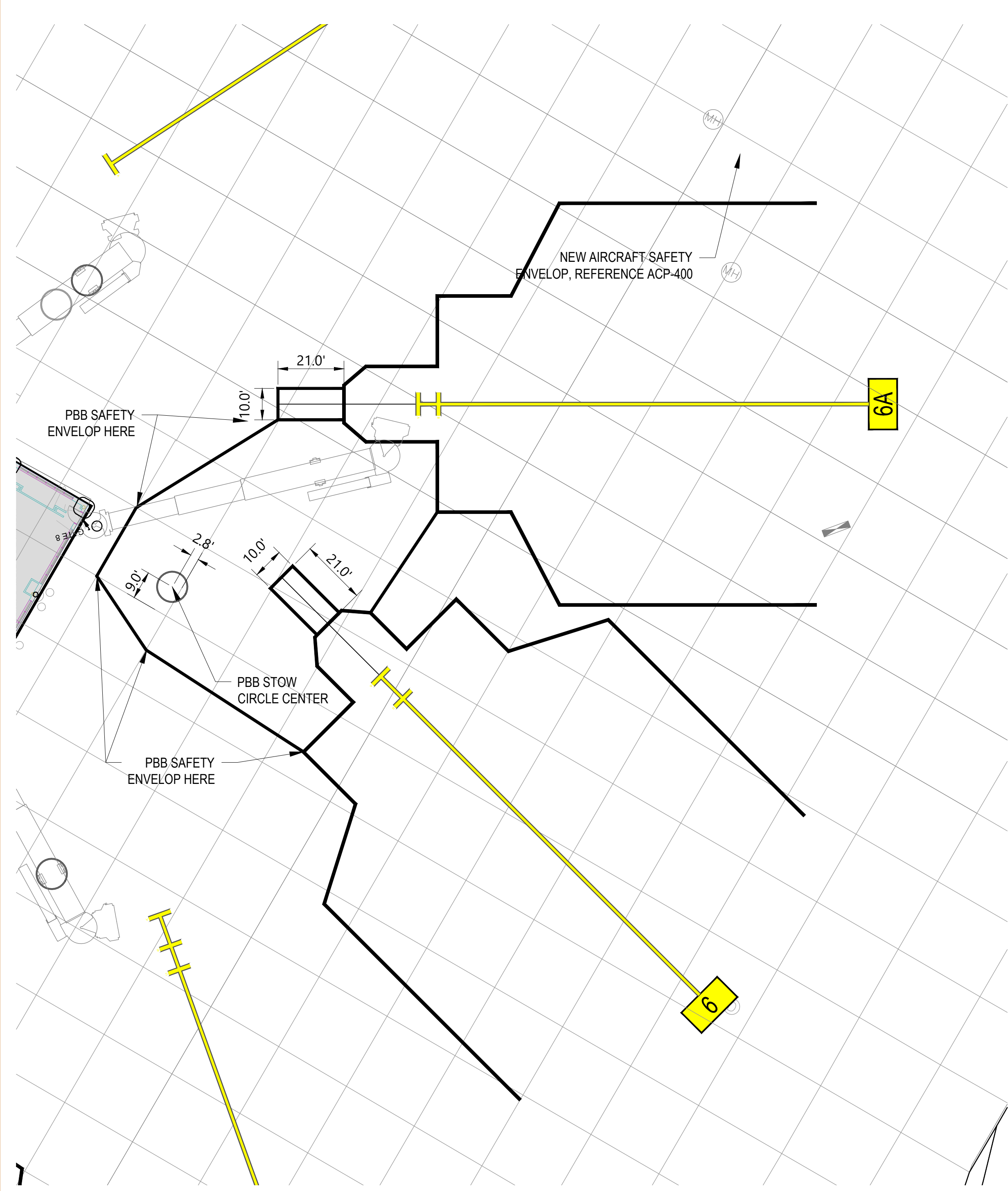
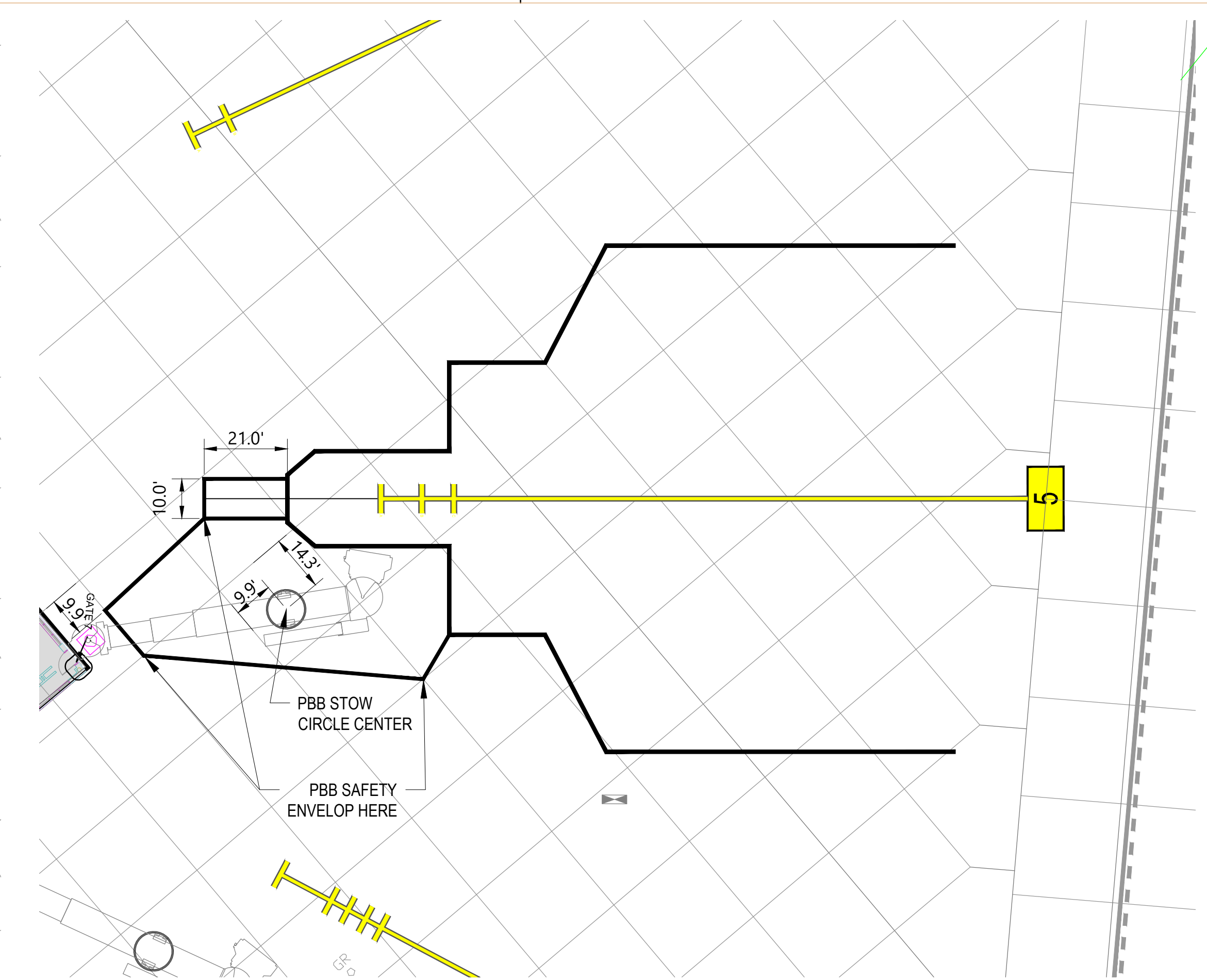
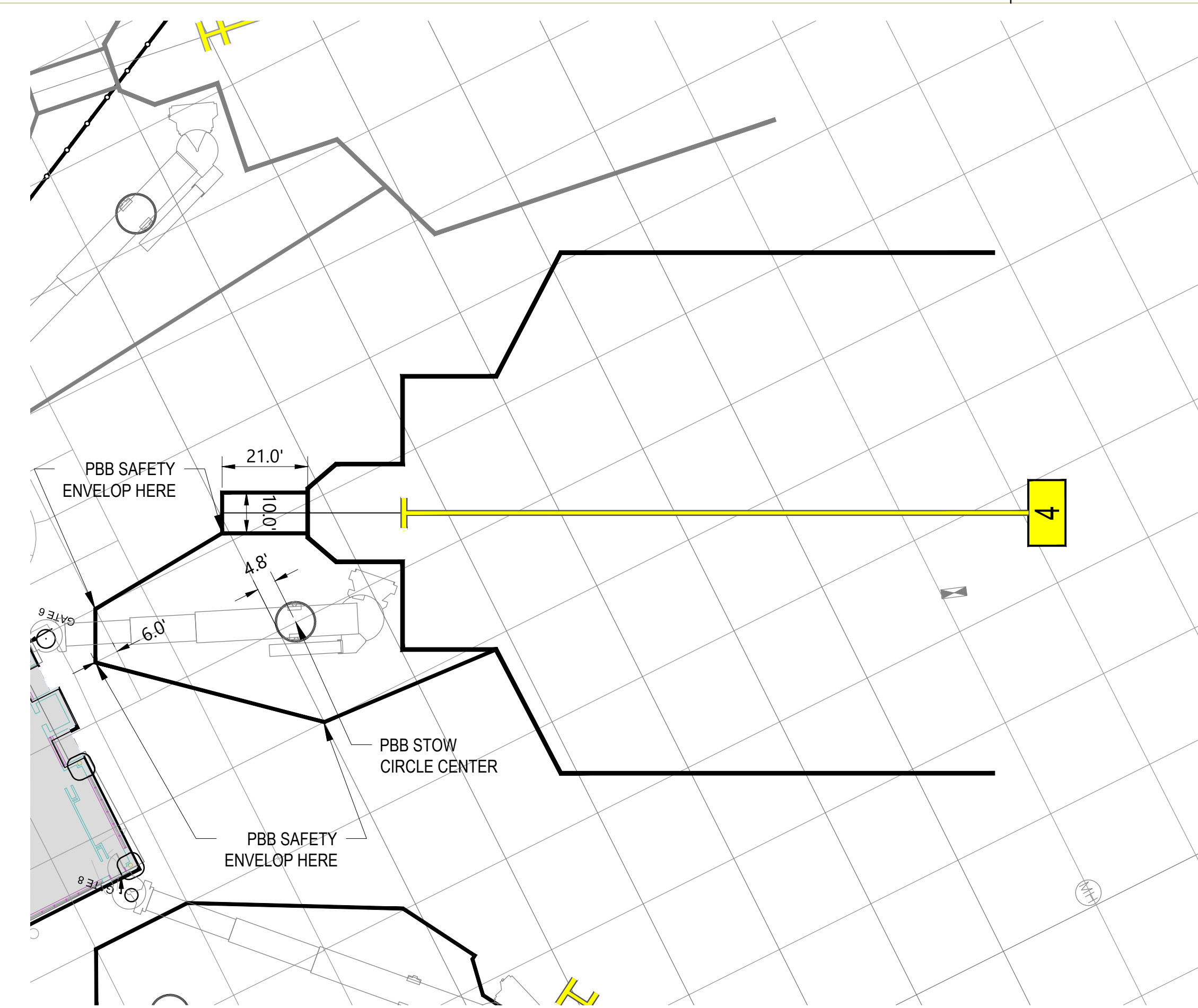
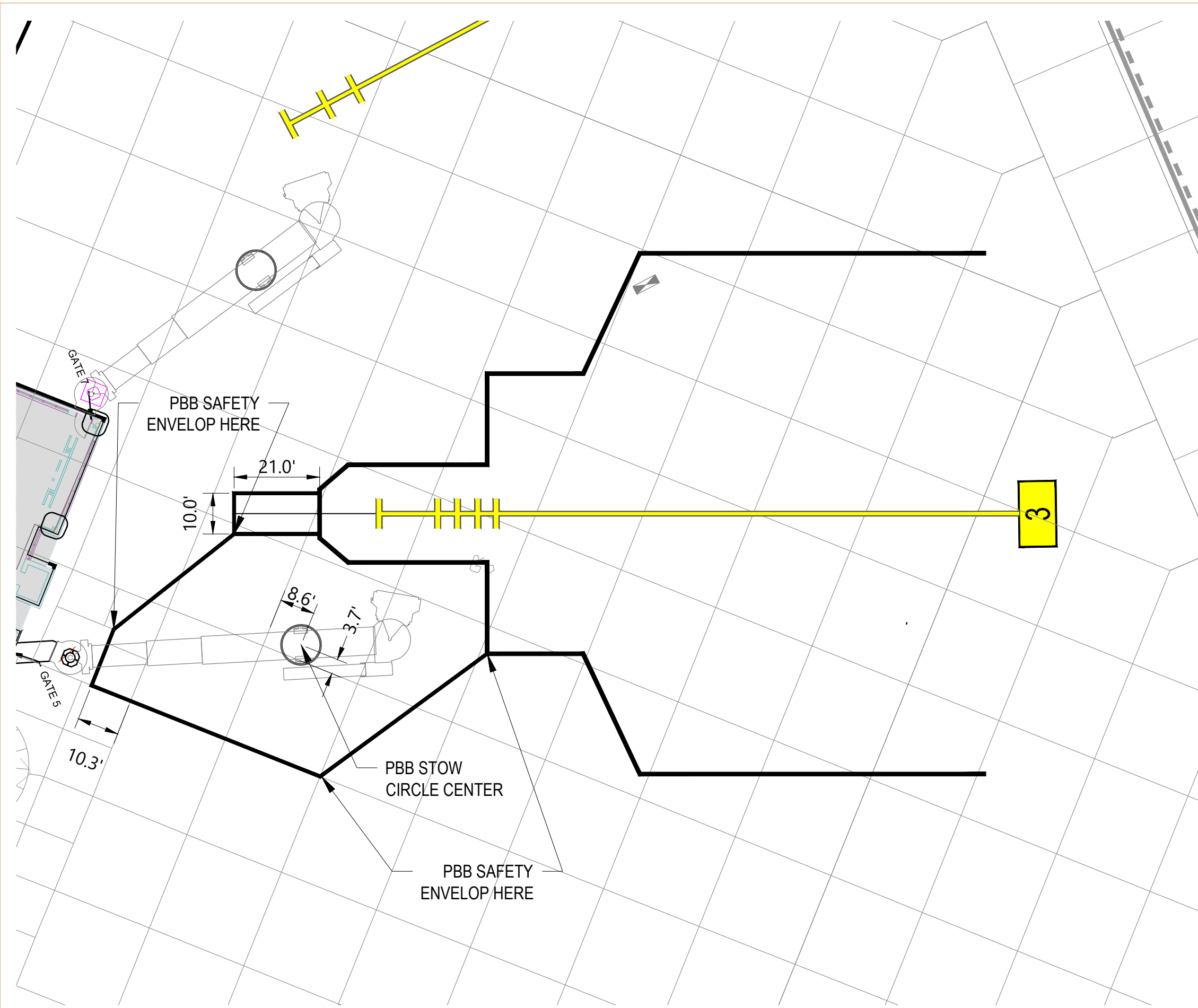
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ACP-324



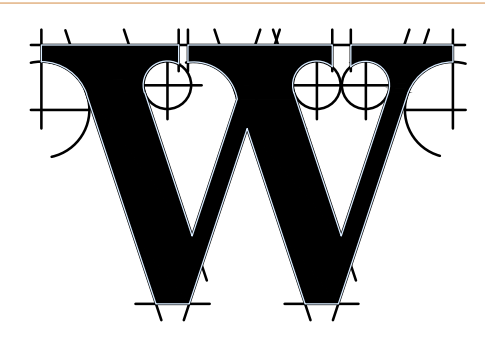
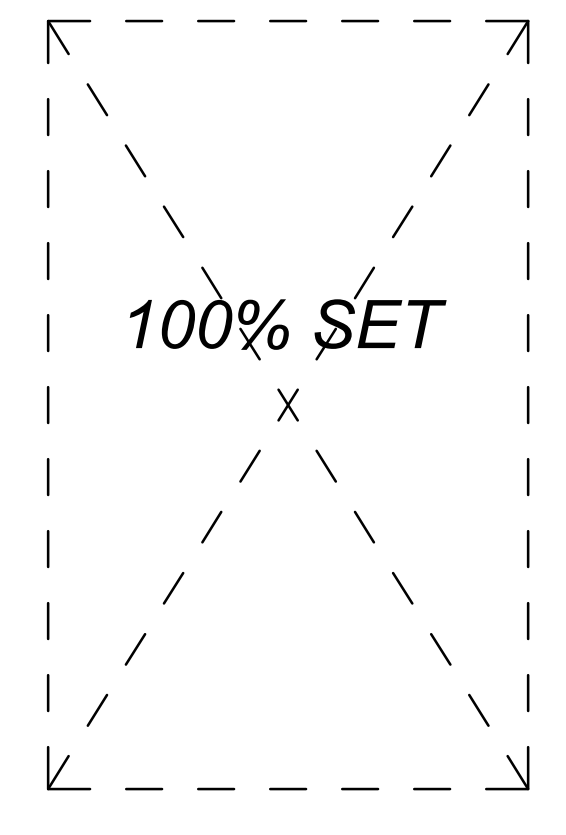
1 AIRCRAFT AND PBB SAFETY ENVELOP AND PBB STOW CIRCLE LOCATION PLAN, GATES 8, 9 - CONTRACT 3 - SCHEDULE 2
 1" = 20'-0"





- NOTES:
1. PBB STOW CIRCLE DIMENSIONED FROM CONCRETE PAVEMENT JOINTS OR PBB BASE PLATE BOLTS - FRONT AND SIDE CLOSEST TO STOW CIRCLE LOCATION
 2. PBB SAFETY ENVELOP LOCATION INTERSECTS WITH AIRCRAFT SAFETY ENVELOP AND/OR CONCRETE PAVEMENT JOINTS AS SHOWN
 3. REFERENCE PBB SAFETY ENVELOP AND HATCHING DETAILS ON ACP-400

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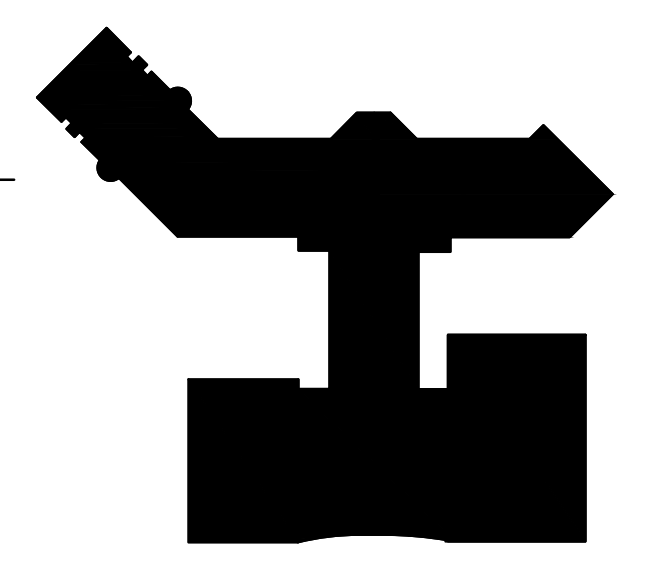
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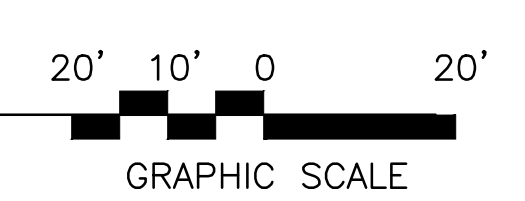
DATE 6/28/2019
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PBB SAFETY ENVELOP LOCATION PLAN - CONTRACT 3, SCHEDULE 2

SHEET NUMBER

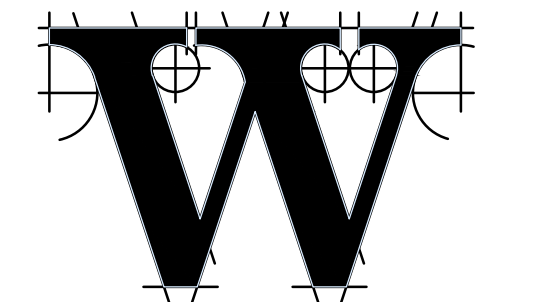
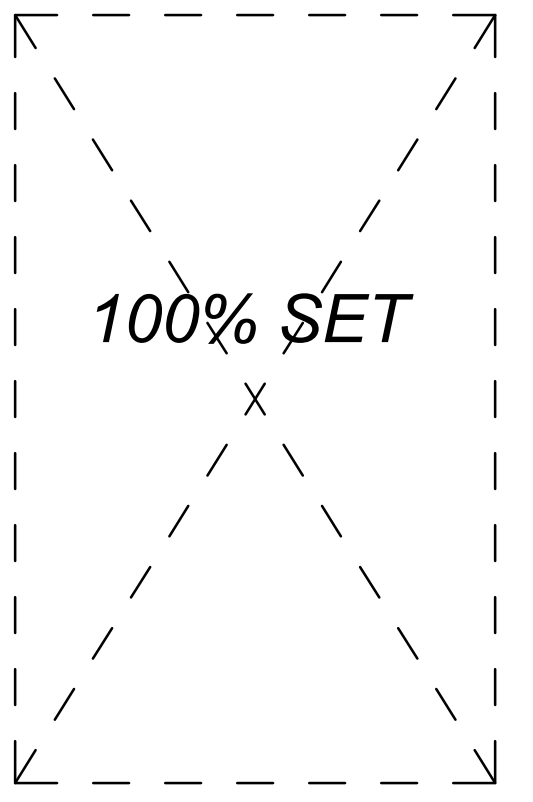
ACP-325

1 PBB SAFETY ENVELOP AND PBB STOW CIRCLE LOCATION PLAN, GATES 3, 4, 5, 6, 6A, 7 - CONTRACT 3 - SCHEDULE 2
 1" = 20'-0"



**TERMINAL IMPROVEMENTS
CONTRACT 3**

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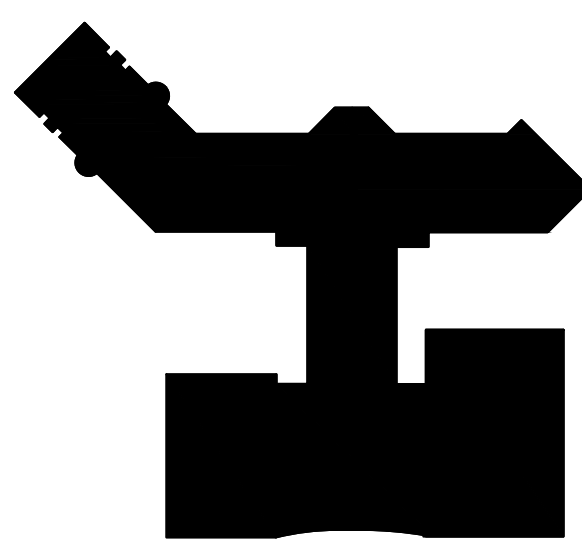
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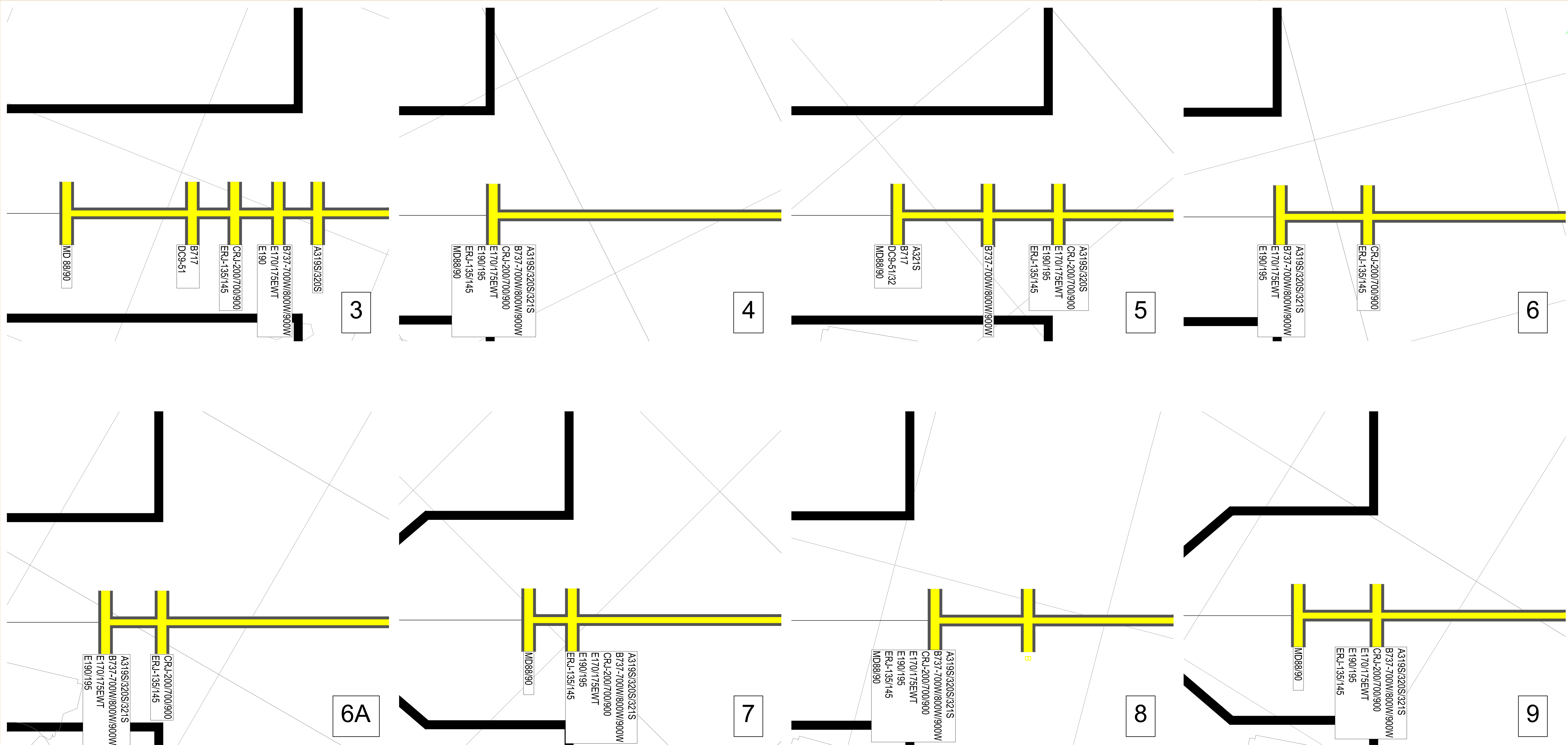
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DATE 6/28/2019
PROJECT NUMBER 9202-000
SHEET TITLE

**STOP BAR
MARKINGS -
CONTRACT 3,
SCHEDULE 2**

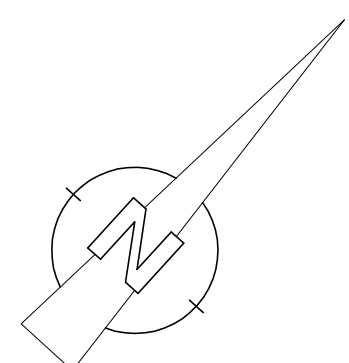
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ACP-326

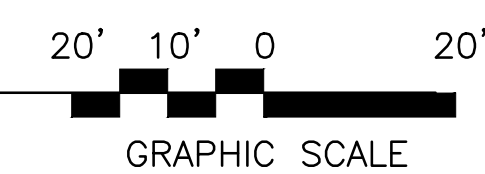


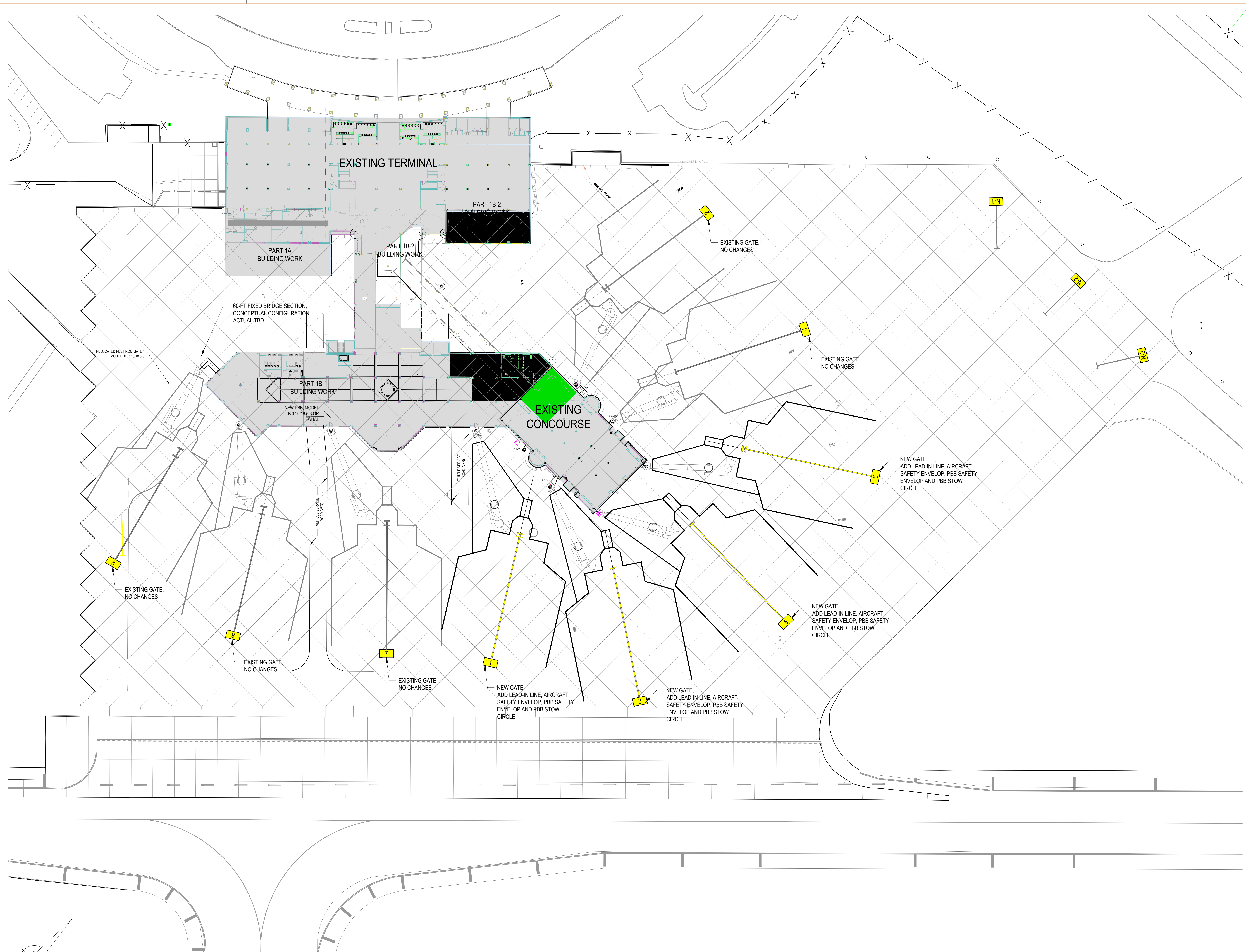
NOTES: STOP BAR AIRCRAFT DESIGNATION

- LEAD-IN LINE STOP BAR MARKING DETAILS, REFERENCE ACP-400
- AIRCRAFT DESIGNATION ON PLAN VIEW SHOWN LARGER THAN ACTUAL

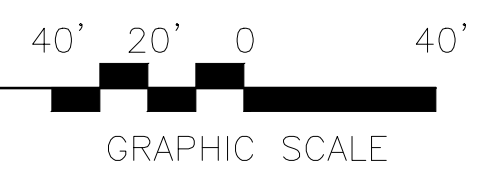


1 STOP BAR MARKING, GATES 3, 4, 5, 6, 6A, 7, 8, 9 - CONTRACT 3 - SCHEDULE 2
1" = 20'-0"

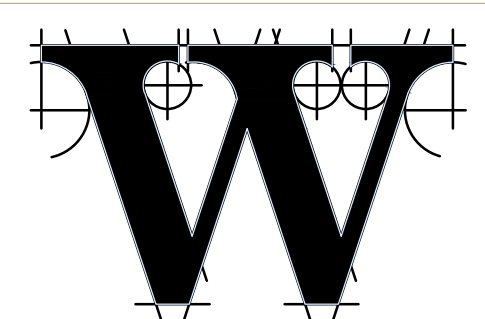
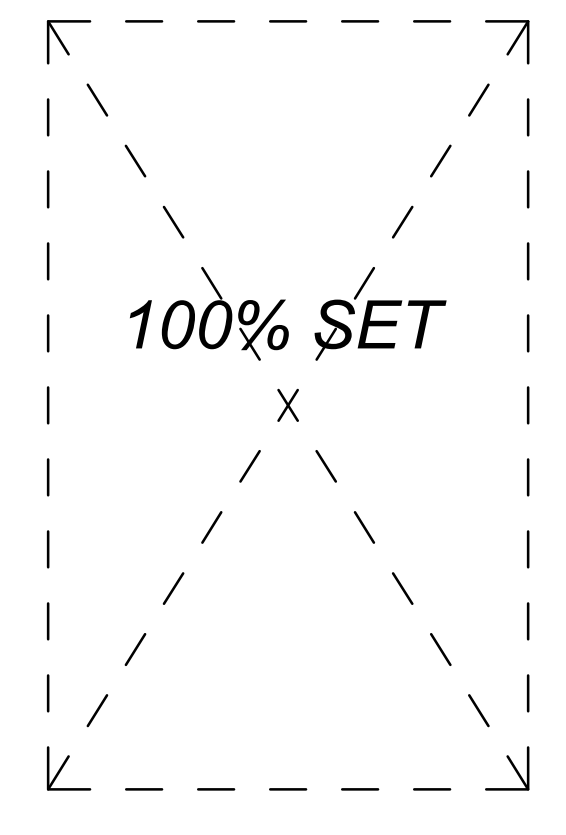




1 OVERALL APRON MARKING PLAN, FINAL PHASE
1" = 40'-0"



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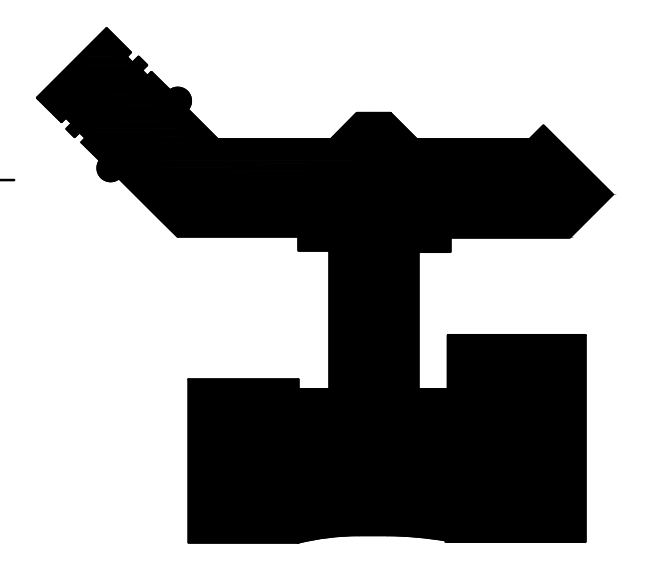
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STEWART

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CHEATHAM & ASSOC.
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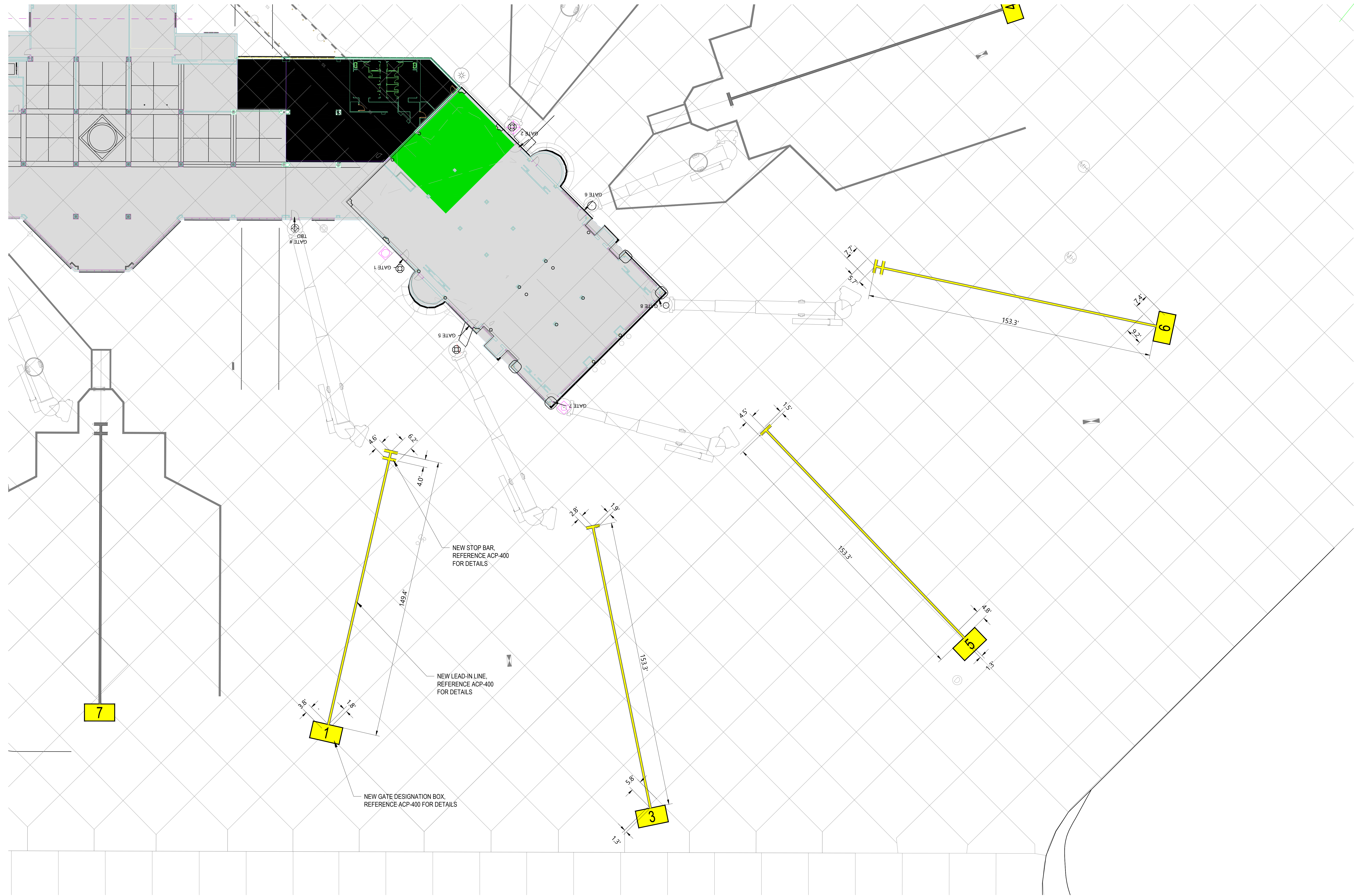
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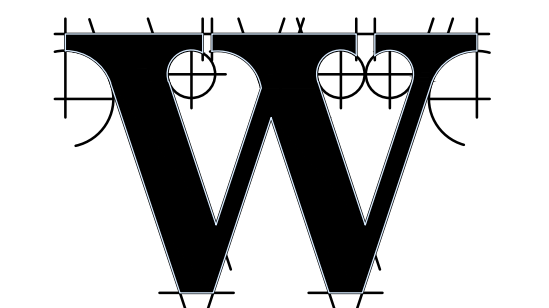
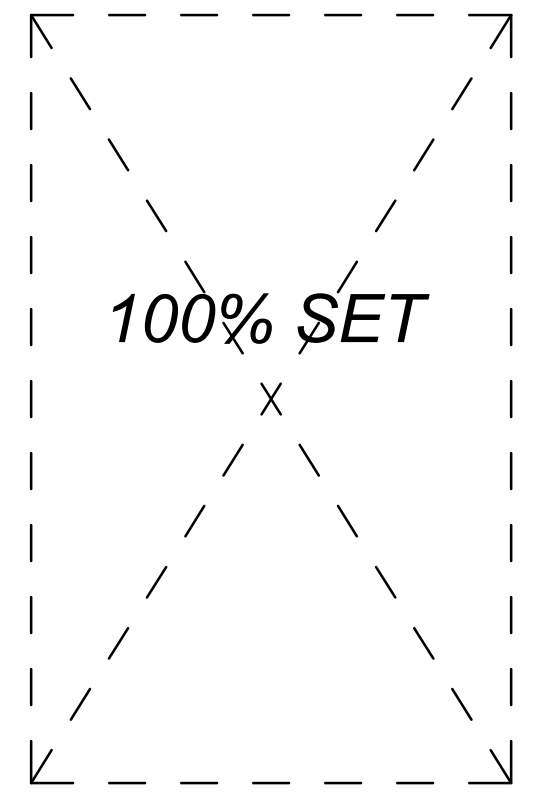
AIRCRAFT PARKING LAYOUT - CONTRACT 3, FINAL

SHEET NUMBER
ACP-330



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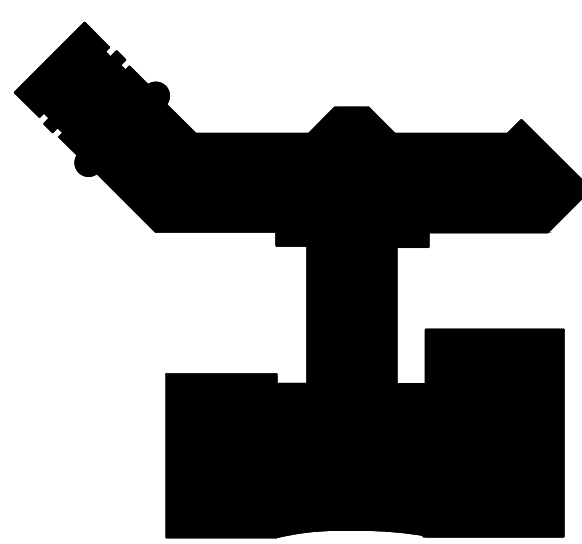
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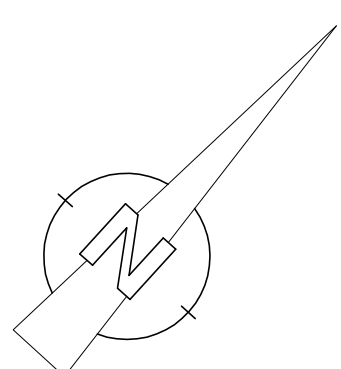
REVISIONS

- NOTES:
1. LEAD-IN LINE LOCATION DIMENSIONED FROM CONCRETE PANEL JOINTS

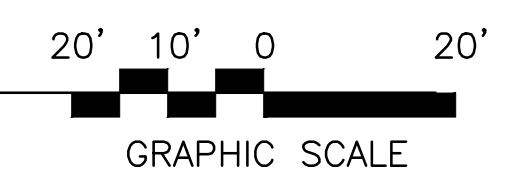
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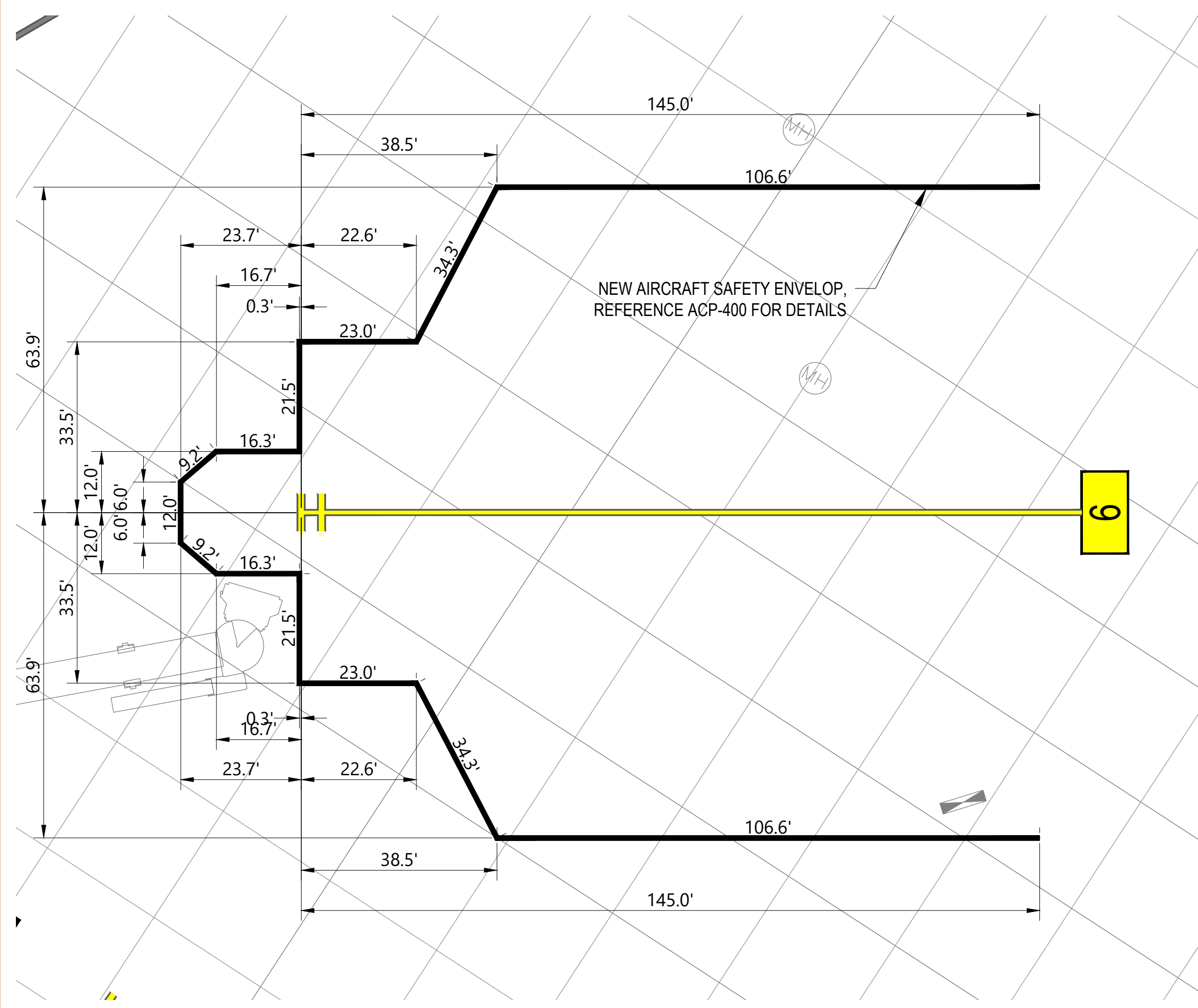
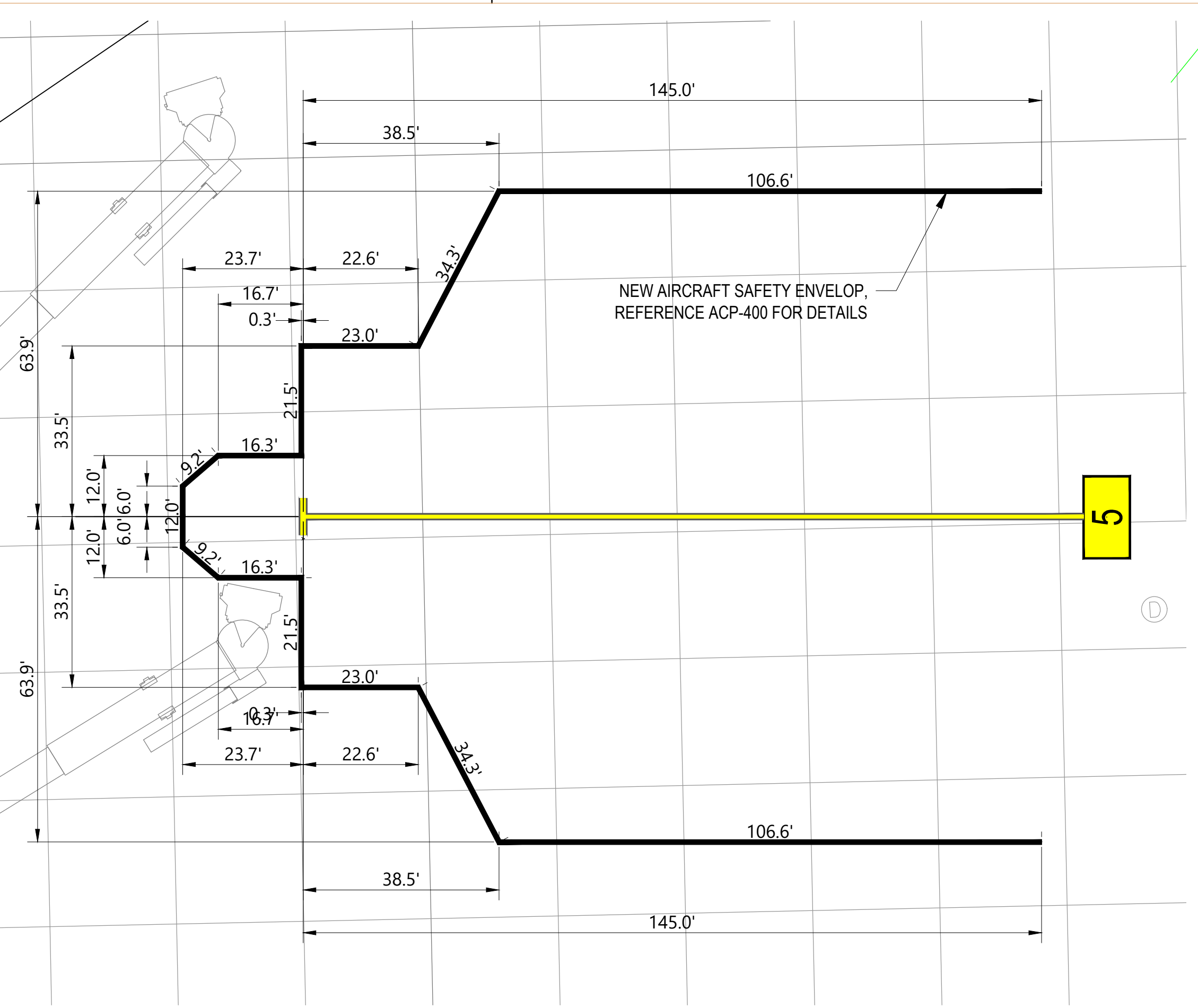
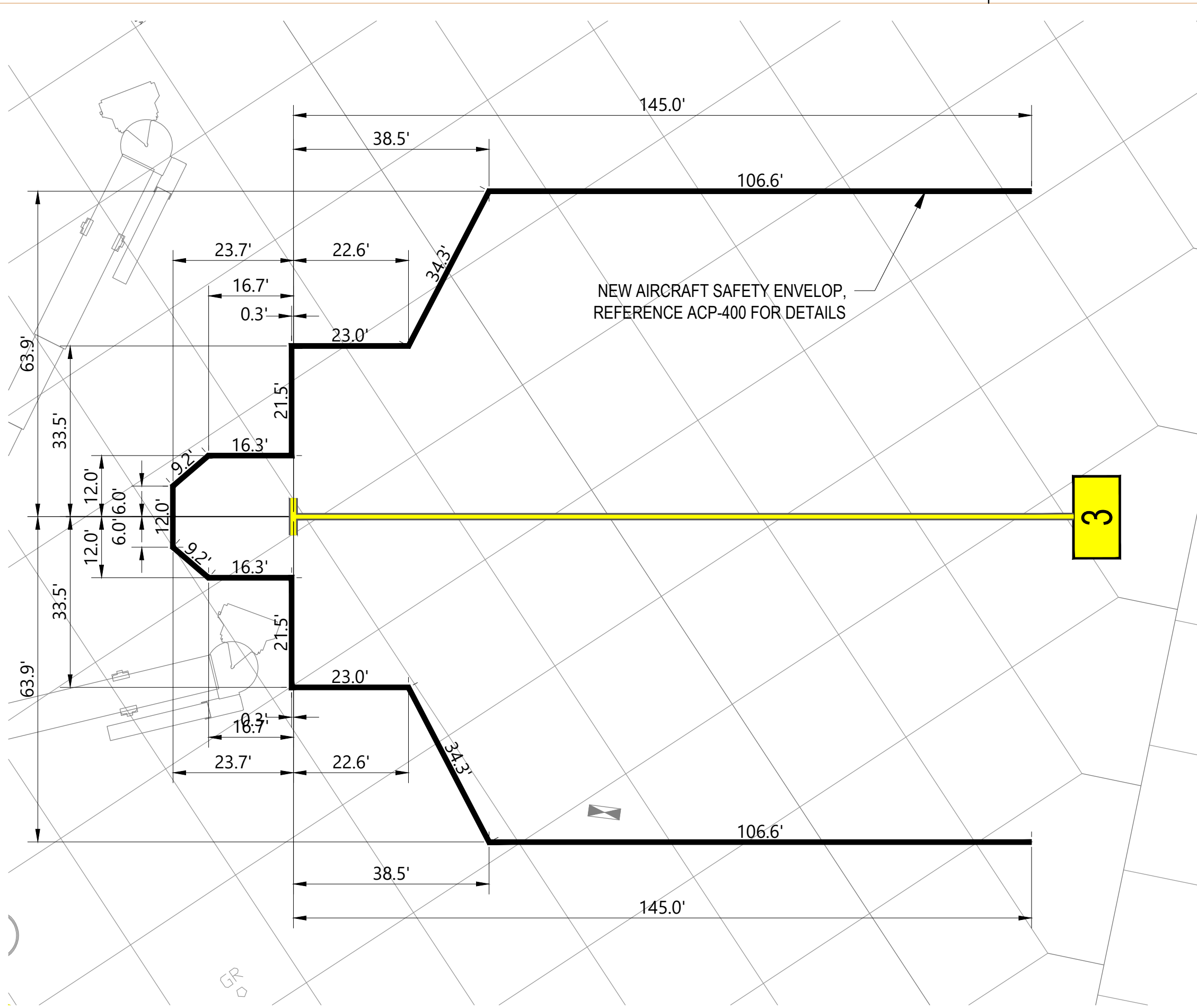
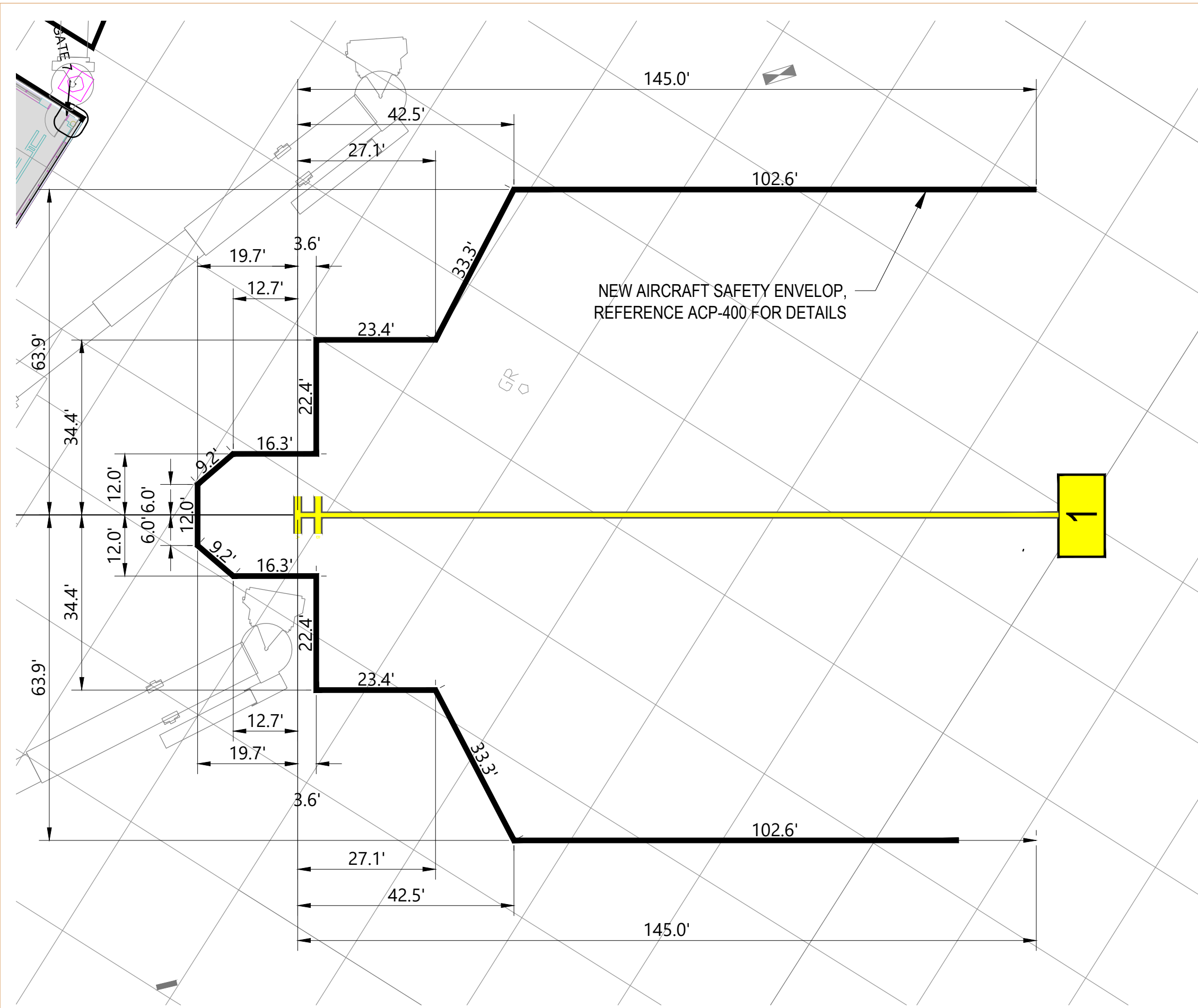
LEAD-IN LINE LOCATION PLAN - CONTRACT 3, FINAL

SHEET NUMBER
ACP-331



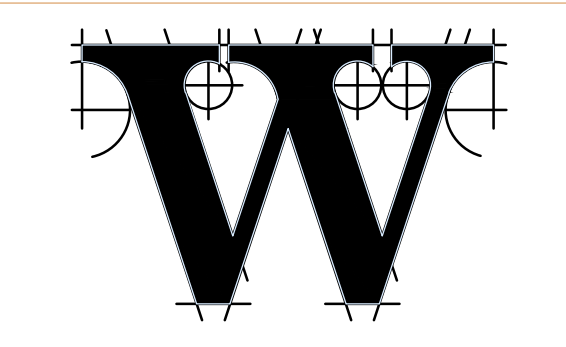
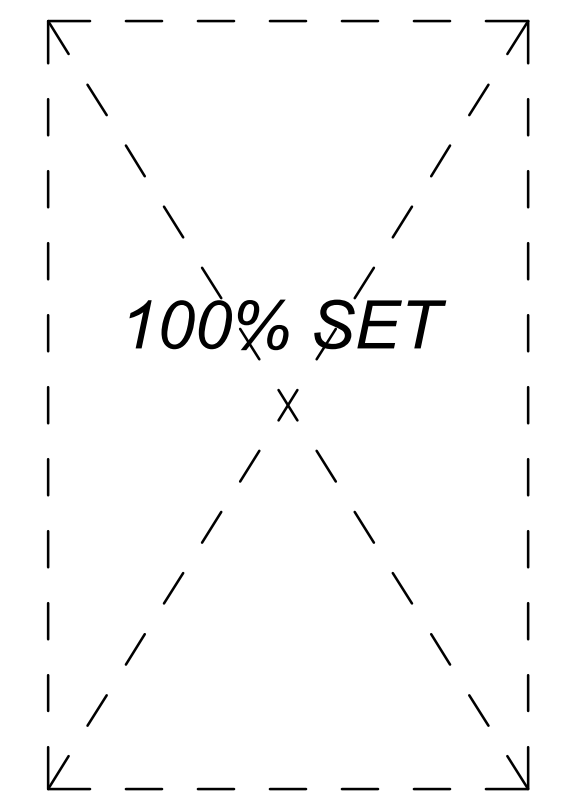
1 LEAD-IN LINE LOCATION PLAN, FINAL PHASE
1" = 40'-0"





NOTES:
 1. AIRCRAFT SAFETY ENVELOP LOCATION DIMENSIONED FROM LEAD-IN LINE

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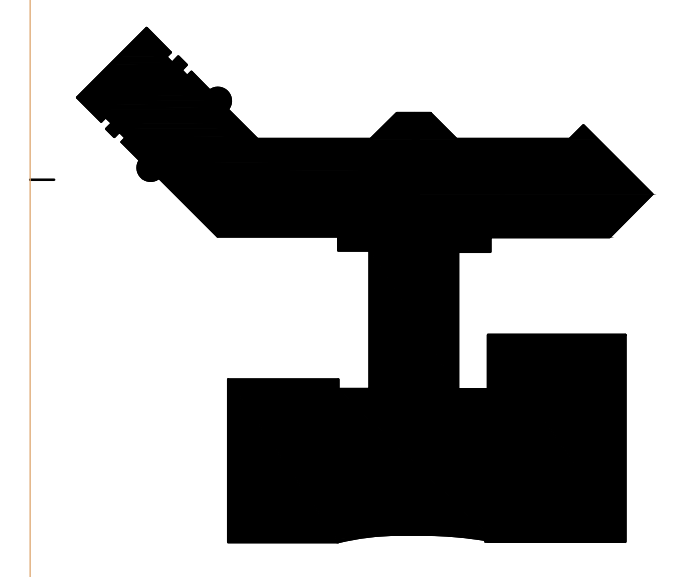
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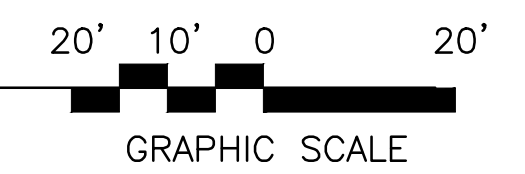
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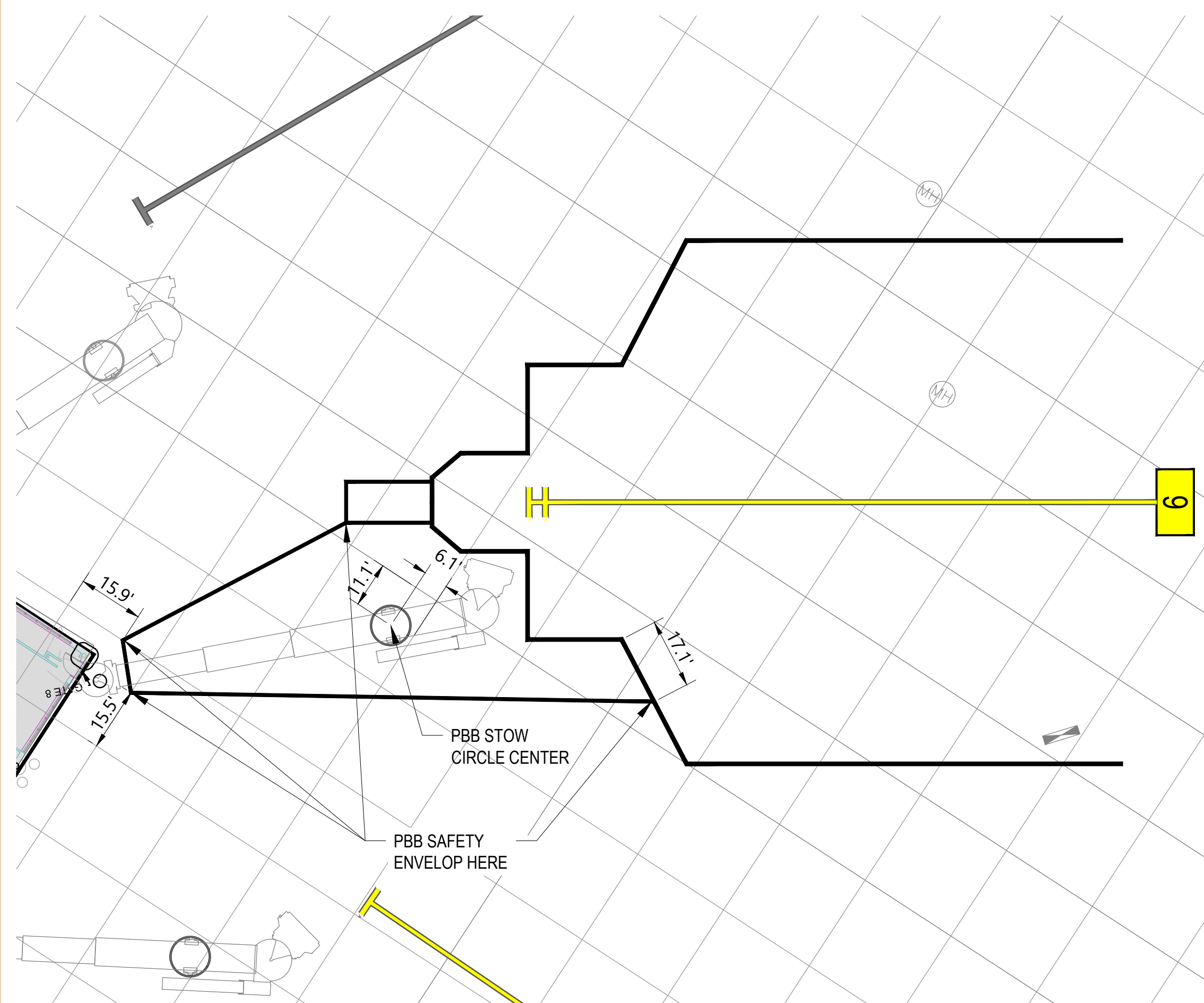
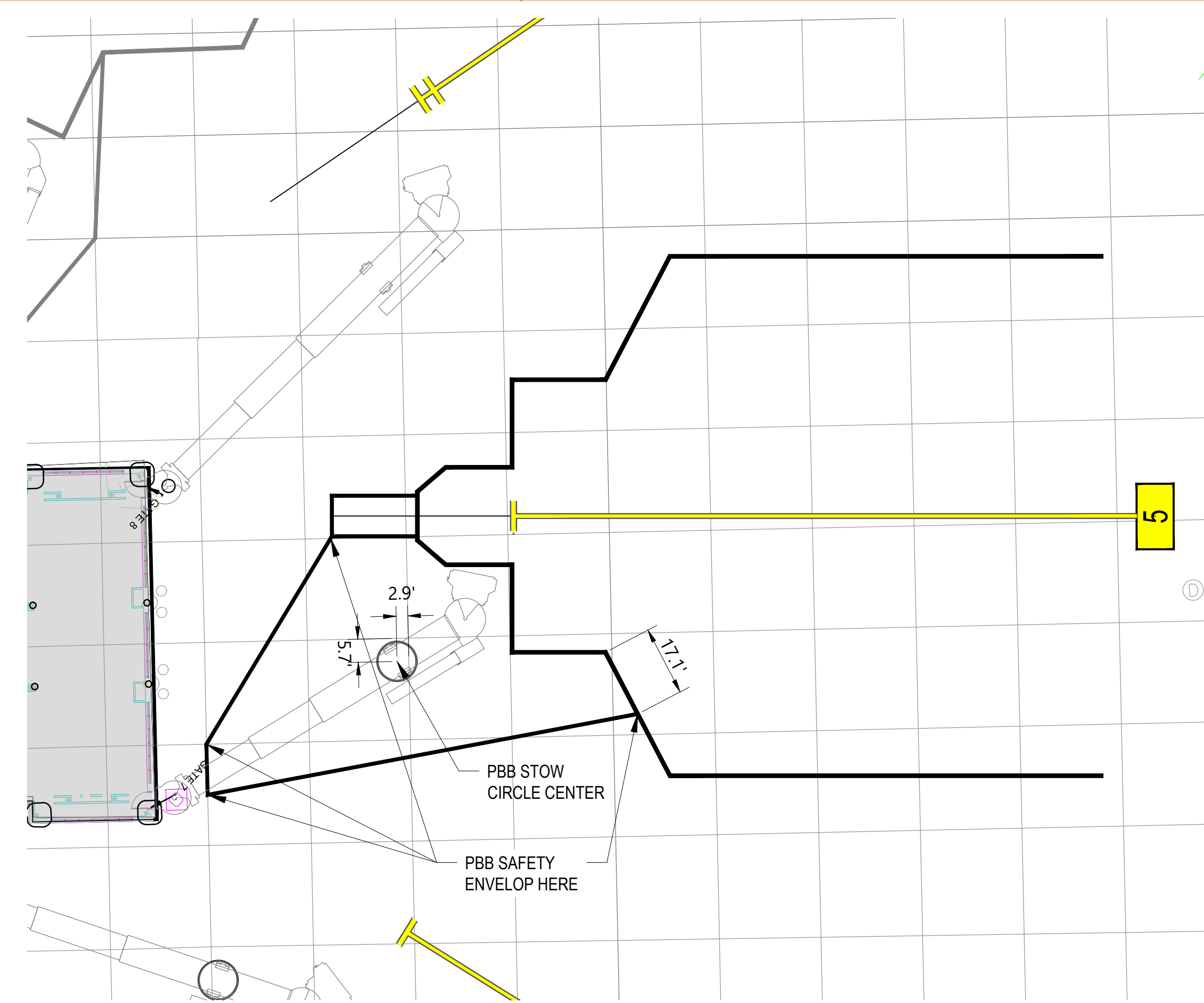
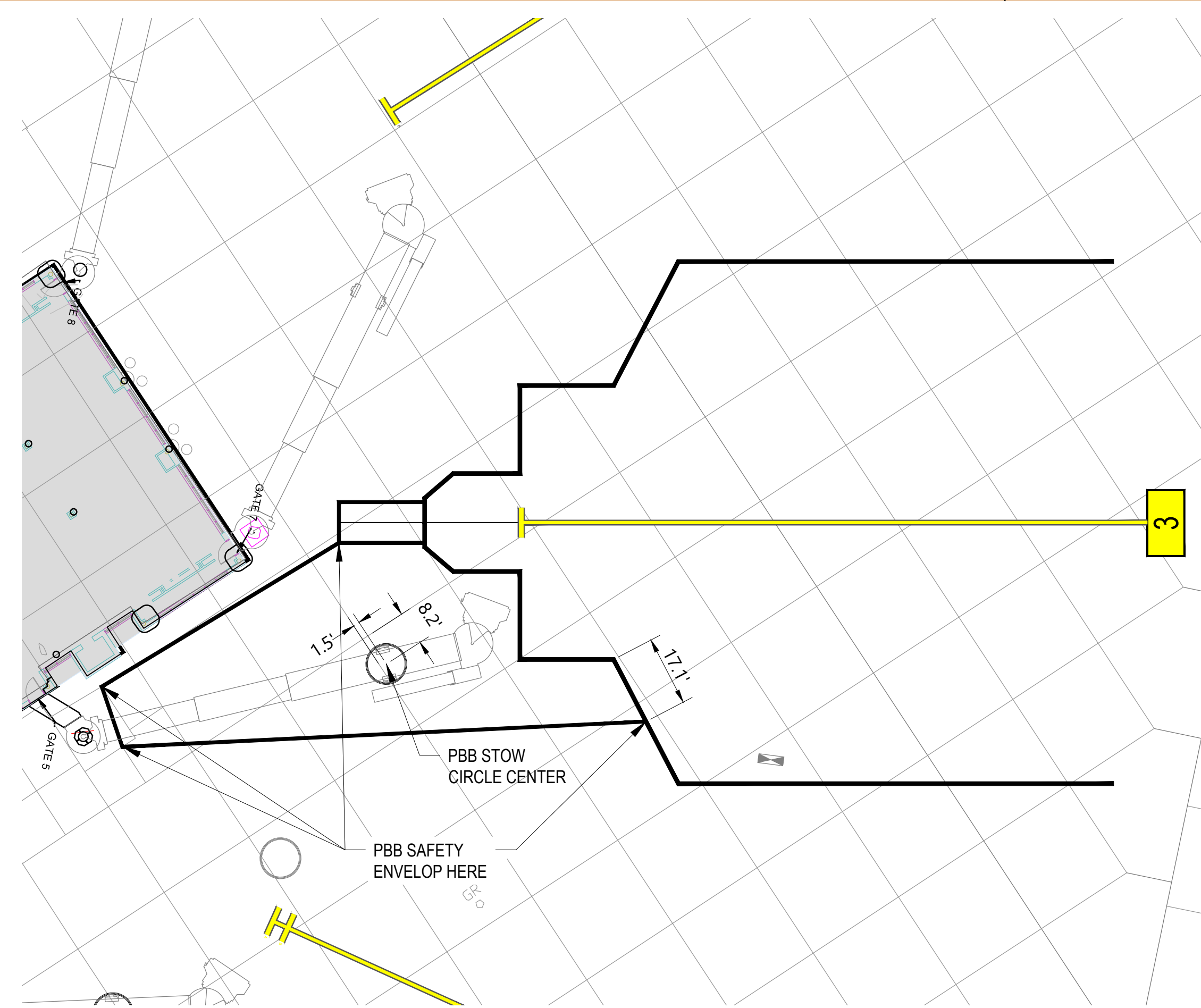
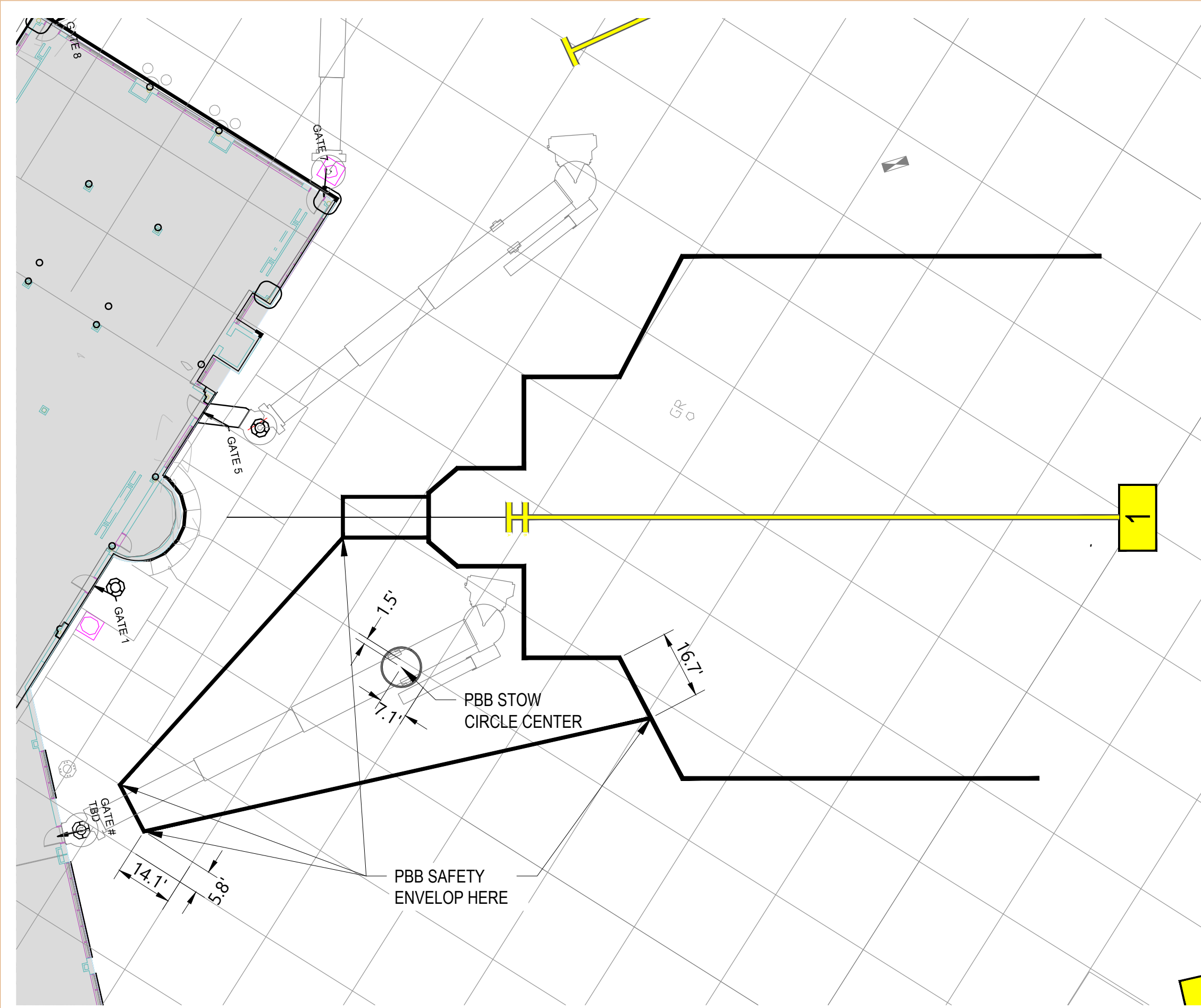
AIRCRAFT SAFETY ENVELOP LOCATION PLAN - CONTRACT 3, FINAL

SHEET NUMBER

ACP-332

1 AIRCRAFT SAFETY ENVELOP LOCATION PLAN, GATES 1, 3, 5, 6 - FINAL PHASE
 1" = 20'-0"

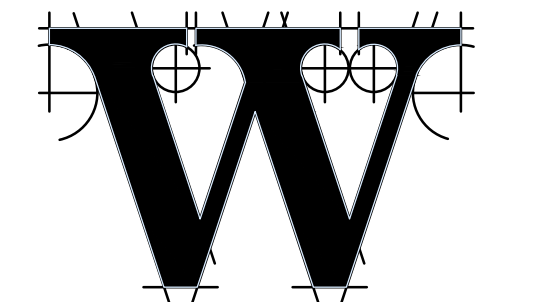
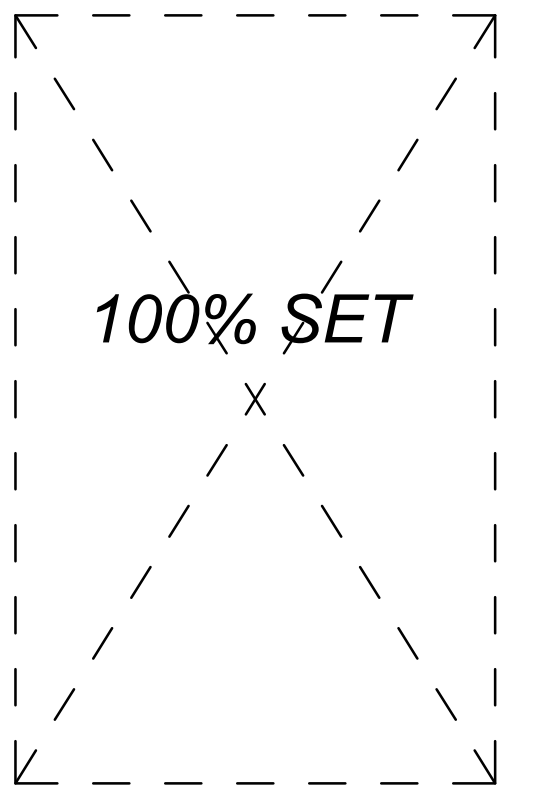




- NOTES: PBB SAFETY ENVELOPE
1. PBB SAFETY ENVELOPE LOCATION INTERSECTS WITH AIRCRAFT SAFETY ENVELOPE AND/OR CONCRETE PAVEMENT JOINTS AS SHOWN
 2. REFERENCE PBB SAFETY ENVELOPE AND HATCHING DETAILS ON ACP-400

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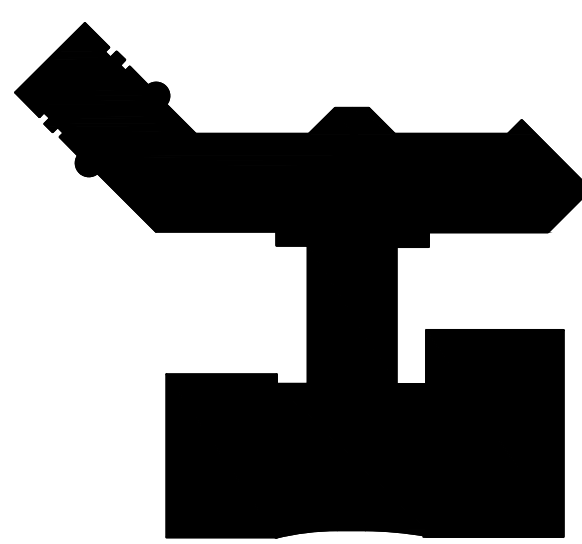
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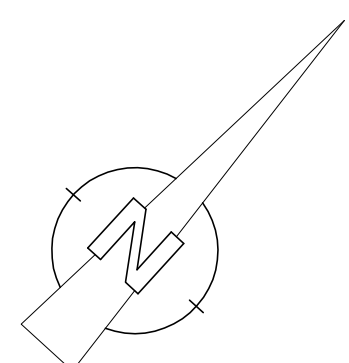
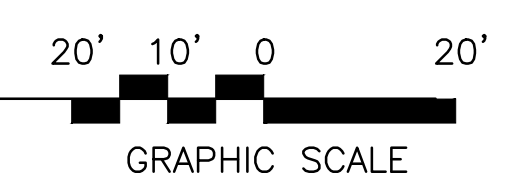
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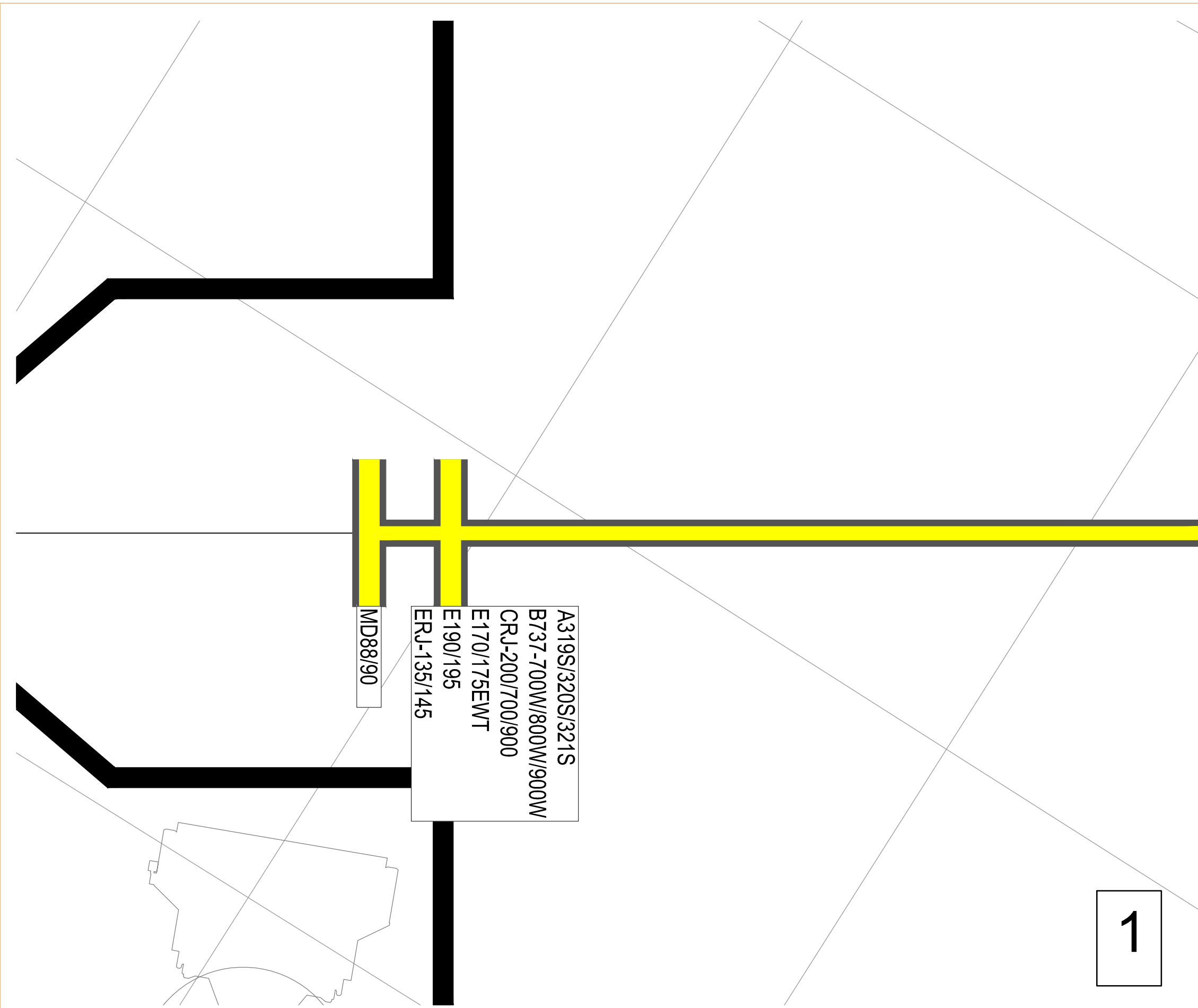
PBB SAFETY ENVELOPE LOCATION PLAN - CONTRACT 3, FINAL

SHEET NUMBER

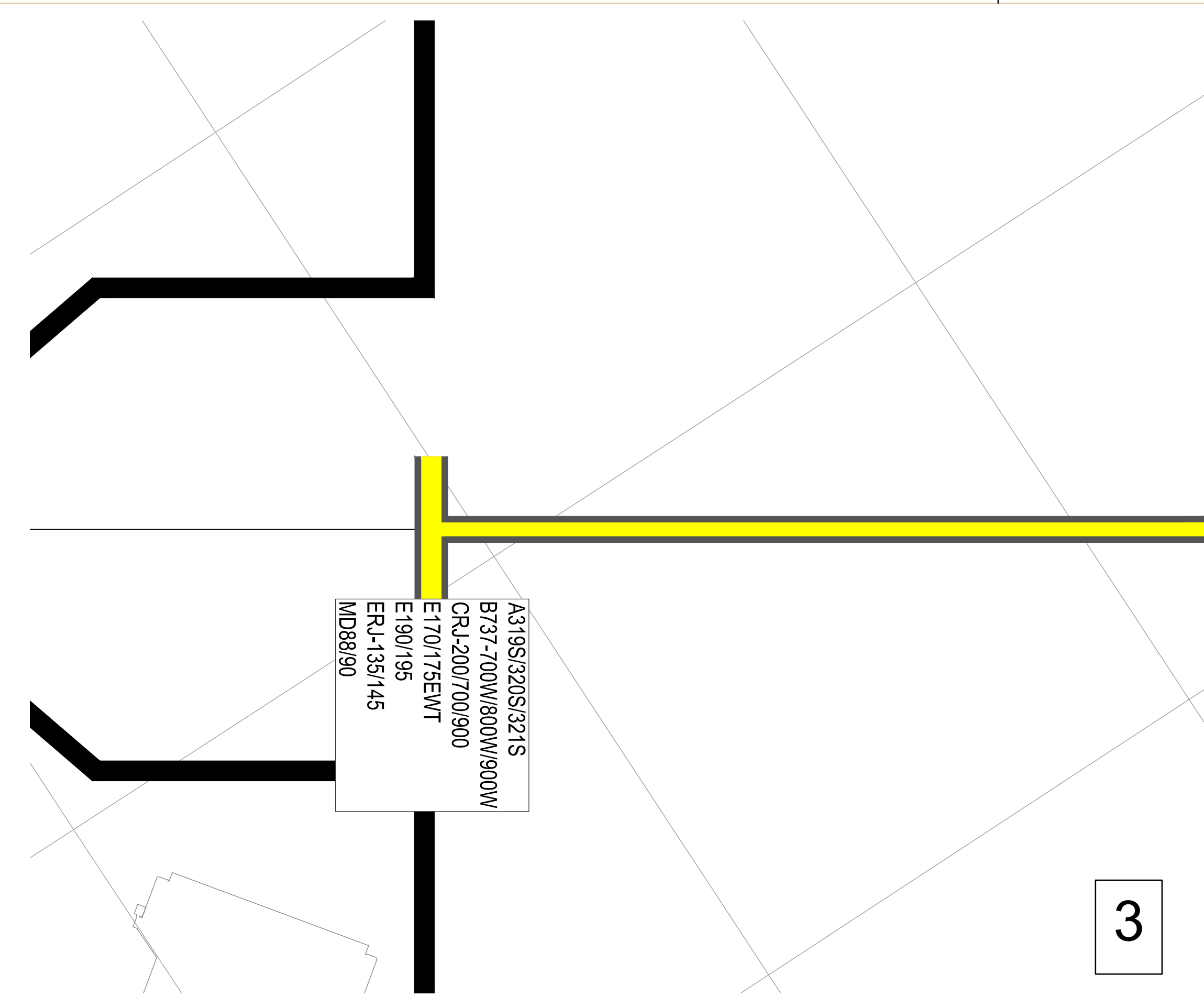
ACP-333

1 PBB SAFETY ENVELOPE AND PBB STOW CIRCLE LOCATION PLAN, GATES 1, 3, 5, 6 - FINAL PHASE
1" = 20'-0"

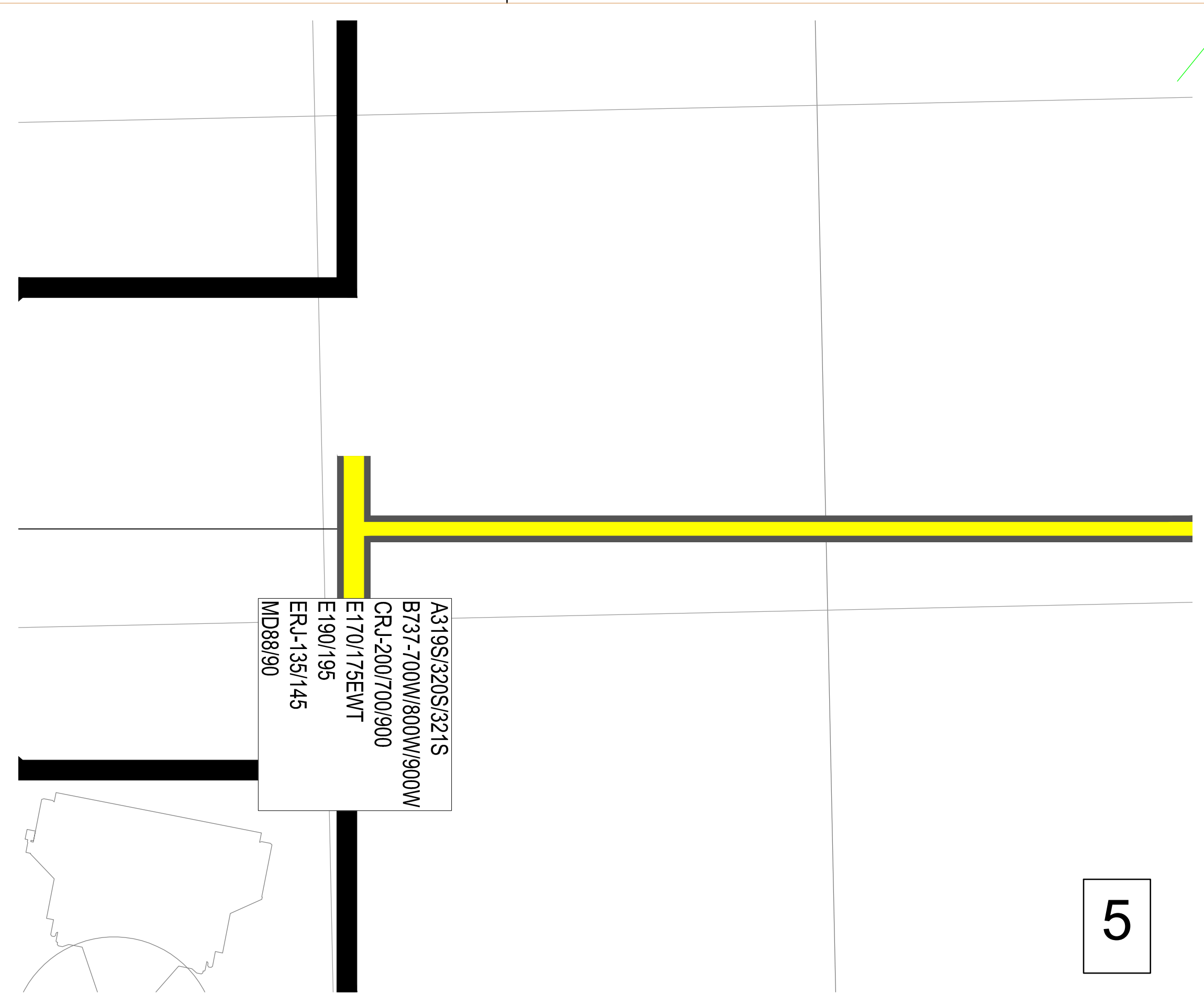




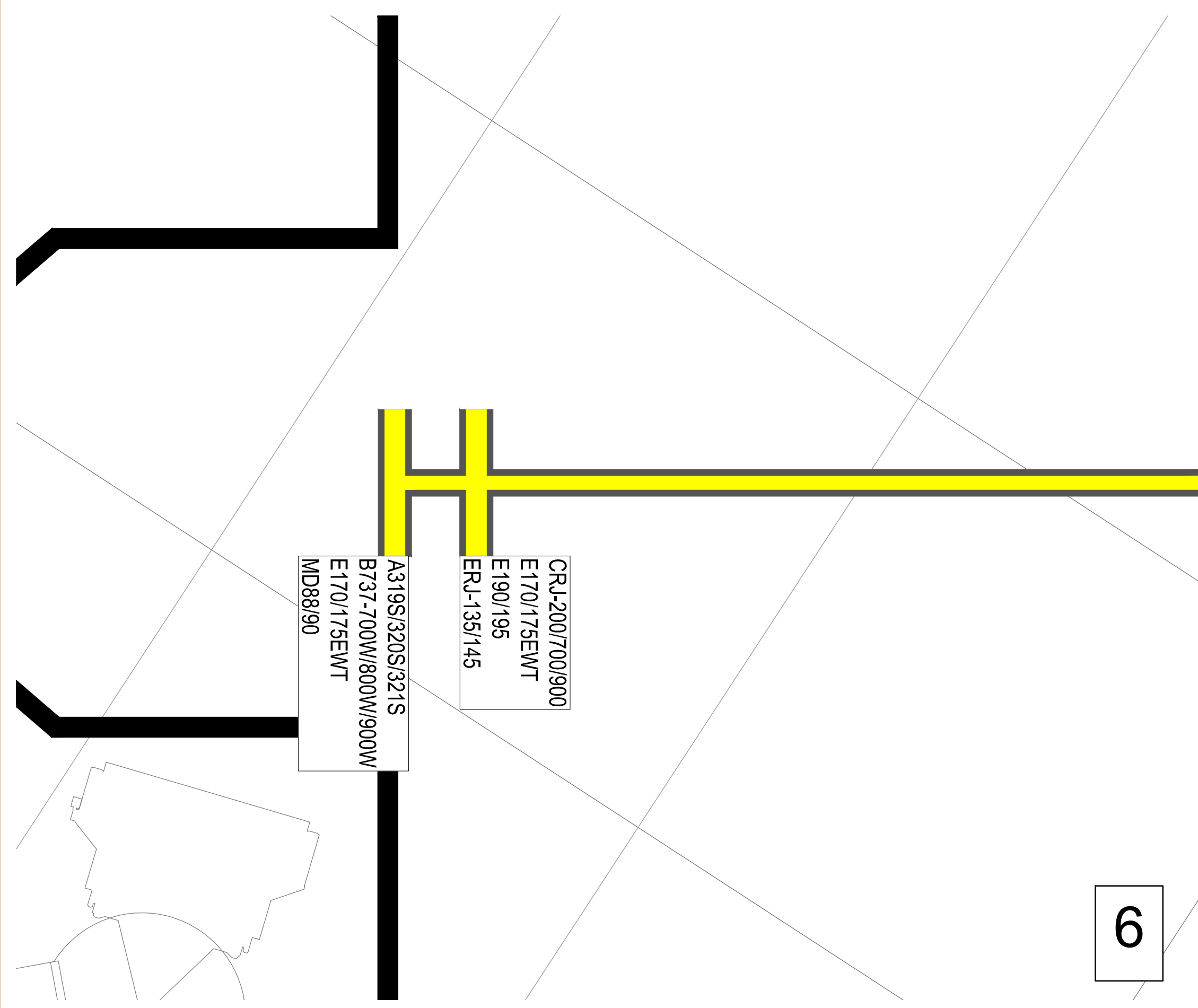
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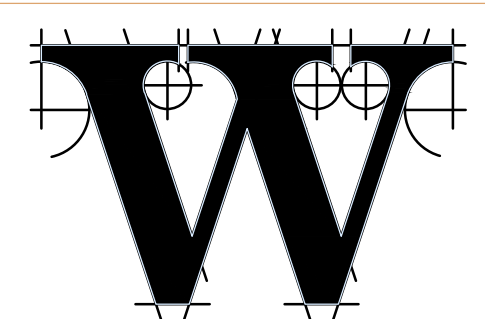
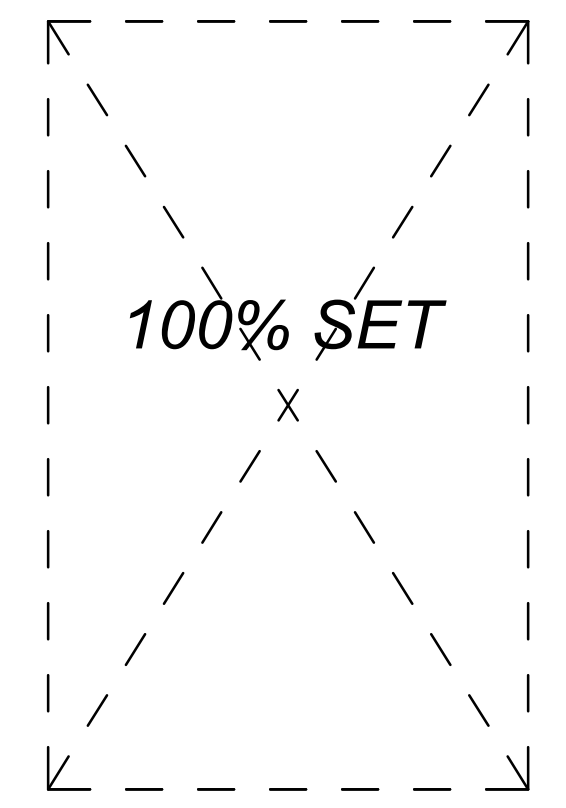


5



6

- NOTES: STOP BAR AIRCRAFT DESIGNATION
1. LEAD-IN LINE STOP BAR MARKING DETAILS, REFERENCE ACP-400
 2. AIRCRAFT DESIGNATION ON PLAN VIEW SHOWN LARGER THAN ACTUAL



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STRUCTURAL ENGINEER
STEWART

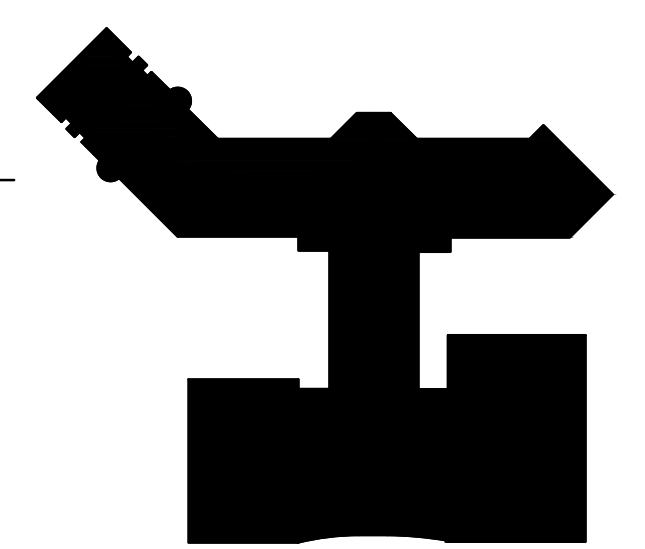
FP/IME ENGINEER
CHEATHAM & ASSOC.

BAGGAGE HANDLING CONSULTANTS
BNP

AIRCRAFT SUPPORT SYSTEMS
DK CONSULTANTS

SPECIALTY LIGHTING CONSULTANT
HARTRANFT

SINGAGE & WAYFINDING
TAKEFORM



KEY PLAN

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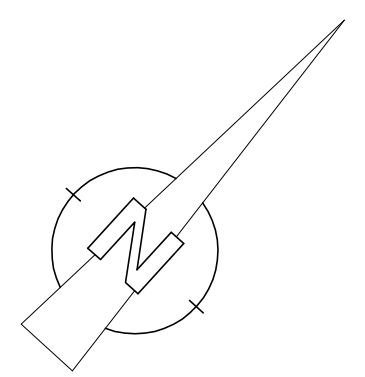
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REVISIONS

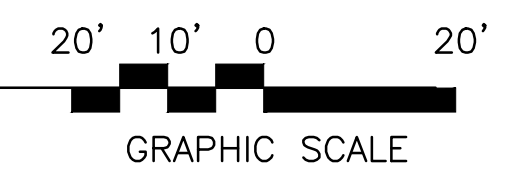
DATE 6/28/2019
 PROJECT NUMBER 9202-000
 SHEET TITLE

STOP BAR MARKING PLAN - CONTRACT 3, FINAL

SHEET NUMBER
ACP-334



1 STOP BAR MARKING PLAN, GATES 1, 3, 5, 6 - FINAL PHASE
 1" = 20'-0"



STRIPING SPECIFICATIONS

- STRIPING STANDARDS DEVELOPED BY AMERICAN AIRLINES; DRAWING AP-AASTDS-700.
- CONTRACTOR TO VERIFY WITH AIRLINE AND AIRPORT OPERATOR APPLICABLE DETAILS TO USE FOR TEMPORARY AND PERMANENT AIRCRAFT PARKING POSITION STRIPING.
- ALL RAMP STRIPING SERVICES SHALL BE PROVIDED BY THE STRIPING CONTRACTOR IN ACCORDANCE WITH THE LOCAL AIRPORT OPERATOR REQUIREMENTS AS WELL AS FEDERAL SPECIFICATION P-620.
- CONTRACTOR SHALL RE-STRIP RAMP IN ACCORDANCE WITH THIS DRAWING PACKAGE AND ALL AIRPORT OPERATOR REGULATIONS REGARDING STRIPING OF RAMP SURFACES.
- PAINT PRODUCTS SHALL MEET THE REQUIREMENTS OF FEDERAL SPECIFICATION TT-P-1952E.
- EQUIPMENT SHALL INCLUDE THE APPARATUS NECESSARY TO PROPERLY CLEAN THE EXISTING SURFACE, A MECHANICAL MARKING MACHINE, AND SUCH AUXILIARY HAND-PAINTING EQUIPMENT AS MAY BE NECESSARY TO SATISFACTORILY COMPLETE THE JOB.
- PRIOR TO APPLICATION OF PAINT, EXISTING SURFACE SHALL BE DRY AND CLEAN. ATMOSPHERIC TEMPERATURE SHALL BE ABOVE 45 DEGREES F AND RISING. WEATHER SHALL NOT BE EXCESSIVELY WINDY, DUSTY, OR FOGGY. CONTRACTOR RESPONSIBLE FOR OVERSPRAY DAMAGE TO SURROUNDING AREAS, EQUIPMENT, STRUCTURES, AND THE LIKE.
- PREPARATION OF EXISTING SURFACES:

A. IMMEDIATELY BEFORE APPLICATION OF THE PAINT, THE EXISTING SURFACE SHALL BE DRY AND ENTIRELY FREE FROM DIRT, GREASE, OIL, ACIDS, OR OTHER FOREIGN MATTER THAT WOULD REDUCE THE BOND BETWEEN THE COAT OF PAINT AND THE PAVEMENT.

B. SURFACE SHALL BE THOROUGHLY CLEANED AS REQUIRED TO REMOVE ALL DIRT AND LOOSE MATERIALS. THE OWNER SHALL APPROVE CONDITIONS OF SURFACE PRIOR TO APPLICATION OF PAINT.

C. EXISTING MARKING OR STRIPES TO BE ABANDONED OR REMOVED SHALL BE OBLITERATED BY WATER BLASTING OR OTHER APPROVED METHODS, TO THE SATISFACTION OF THE OWNER AND ENGINEER. ANY METHOD USED SHALL NOT CAUSE MAJOR DAMAGE TO THE PAVEMENT. MAJOR DAMAGE IS DEFINED AS CHANGING THE PROPERTIES OF THE PAVEMENT OR REMOVING PAVEMENT OVER 1/4" INCH DEEP.

- DURING BLASTING, DUST AND DEBRIS SHALL BE CONTROLLED AND CONTAINED BY VACUUMS, MAGNETS OR OTHER APPROVED PROCESS. CONTRACTOR SHALL HAVE BACK-UP EQUIPMENT TO ENSURE GATE IS TURNED OVER ON TIME. CONTRACTOR SHALL PAY SPECIAL ATTENTION TO CLEAN-UP OF BLASTING DEBRIS IN EXPANSION JOINTS.
- OBSCURING EXISTING MARKINGS BY PAINTING OUT WILL NOT BE ALLOWED.

3) CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ALL EXISTING MARKINGS AS INDICATED ON THE DRAWINGS, INCLUDING THOSE MARKINGS THAT MAY CONTAIN LEAD. REMOVAL AND DISPOSAL OF EXISTING MARKINGS SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL GUIDELINES, INCLUDING THOSE OF THE EPA.

4) CONTRACTOR SHALL REPAIR AT HIS EXPENSE ANY DAMAGE TO THE PAVEMENT, SURFACE TEXTURE, JOINT SEALANT, OR APPURTENANCES CAUSED BY THE REMOVAL WORK. METHODS TO REPAIR DAMAGES SHALL BE ACCEPTABLE TO THE CITY.

5) ANY REMOVAL METHOD THAT CAUSES OBJECTIONABLE DUST, CONTAMINATED WATER RUNOFF, OR OTHER SUCH HAZARD OR NUISANCE SHALL BE CONTROLLED BY MEANS APPROVED BY THE CITY THAT ELIMINATE SUCH CAUSES OF OBJECTION OR ITS USE SHALL NOT BE ALLOWED.

D. PAINT SHALL NOT BE APPLIED TO NEW PORTLAND CEMENT CONCRETE PAVEMENT UNTIL THE CONCRETE IN THE AREAS TO BE PAINTED IS CLEAN OF CURING MATERIAL. SANDBLASTING OR HIGH-PRESSURE WATER SHALL BE USED TO REMOVE CURING MATERIAL AND LAITANCE FROM THE CONCRETE SURFACE.

E. NO PAINT SHALL BE APPLIED TO BITUMINOUS PAVEMENT UNTIL THE PAVEMENT HAS BEEN ALLOWED TO CURE TO THE OWNER'S AND ENGINEER'S SATISFACTION. UPON APPLICATION TO PROPERLY PREPARED SURFACES AFTER CURING, THE PAINT SHALL NOT BLEED EXCESSIVELY, BLISTER, PEEL, CURL, OR DISCOLOR.

- ALL STRIPES SHALL BE ACCURATELY SURVEYED AND LAYOUT ACCOMPLISHED WELL IN ADVANCE OF PAINTING AND SHALL BE APPROVED BY THE OWNER AND ENGINEER PRIOR TO APPLYING PAINT. THE CONTRACTOR SHALL PROVIDE AN EXPERIENCED TECHNICIAN TO SUPERVISE THE LOCATION, ALIGNMENT, LAYOUT, DIMENSIONS AND APPLICATION OF THE PAINT. SINGLE STRIPES SHALL BE APPLIED WHOLLY ON ONE SIDE OF THE LONGITUDINAL PAVEMENT JOINTS. DOUBLE OR MULTIPLE STRIPES SHALL BE CENTERED OVER SIMILAR JOINTS.

- APPLICATION:
- A. COMPETENT AND EXPERIENCED EQUIPMENT OPERATORS, LABORERS, AND ARTISANS SHALL PERFORM ALL PAINTING IN A NEAT AND WORKMANLIKE MANNER TO THE SATISFACTION OF THE OWNER AND ENGINEER.

B. MARKINGS SHALL BE APPLIED AT THE LOCATIONS AND TO THE DIMENSIONS AND SPACING INDICATED ON THE PLANS OR AS SPECIFIED.

- ANY DEVIATION IN THE EDGES EXCEEDING 1/2" IN 50 FEET SHALL BE OBLITERATED AND THE MARKING CORRECTED. THE DIMENSIONS OF THE MARKINGS SHALL BE AS DESIGNATED WITHIN A TOLERANCE OF PLUS OR MINUS 1%.

- COLORS SHALL BE AS INDICATED ON THE DRAWINGS, AND SHALL MEET THE FOLLOWING FEDERAL STANDARDS:
 - WHITE 595-37925
 - RED 595-31136
 - YELLOW 595-33538 OR 33655
 - BLACK 595-37038

- APPROVED AMERICAN AIRLINES PAINTS WHEN STRIPING DONE IN HOUSE ARE: SHERMAN WILLIAMS TRAFFIC MARKING PAINTS
 - WHITE - MPN: TM2160, CPN: 1114818
 - RED - MPN: TM2132, CPN: 114820
 - YELLOW - MPN: TM2161, CPN: 114817
 - BLACK - MPN: TM2135, CPN: 1114819

C. THE PAINT SHALL BE MIXED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS BEFORE APPLICATION. THE PAINT SHALL BE THOROUGHLY MIXED AND APPLIED TO THE SURFACE OF THE PAVEMENT WITH THE MARKING MACHINE AT ITS ORIGINAL CONSISTENCY WITHOUT THE ADDITION OF THINNER. THE PAINT SHALL BE APPLIED UNIFORMLY BY SUITABLE EQUIPMENT AT A RATE OF NOT LESS THAN 52 NOR MORE THAN 58 SQUARE FEET PER GALLON, OR THICKNESS OF 25 TO 30 MILLS AS MEASURED BY THE CONTRACTOR. IF THE PAINT IS APPLIED BY BRUSH, THE SURFACE SHALL RECEIVE TWO COATS; THE FIRST COAT SHALL BE THOROUGHLY DRY BEFORE THE SECOND COAT IS APPLIED.

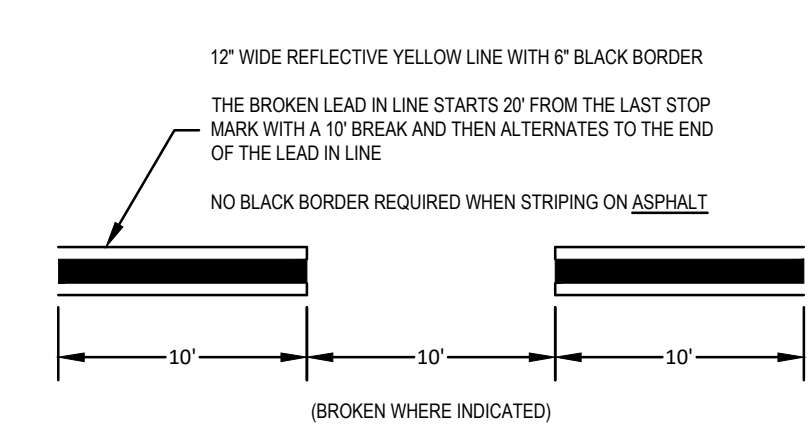
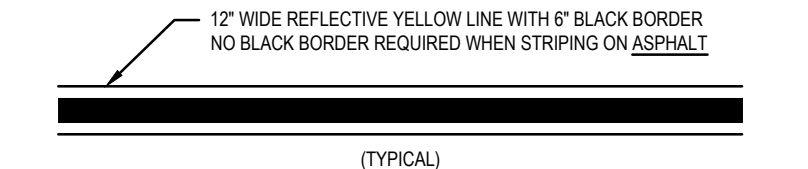
- ALL MARKINGS SHALL BE PROTECTED FROM INJURY OR DAMAGE OF ANY KIND WHILE THE PAINT IS DRYING. THE CONTRACTOR SHALL BE DIRECTLY RESPONSIBLE AND SHALL ERECT OR PLACE SUITABLE WARNING SIGNS, FLAGS OR BARRICADES, AND PROTECTIVE SCREENS OR COVERINGS AS REQUIRED. ALL SURFACES SHALL BE PROTECTED FROM DISFIGURATION BY SPLATTER, SPLASHES, SPILLAGE, DRIPPINGS OF PAINT OR OTHER MATERIALS.

- ANY MATERIAL NOT CONFORMING TO THE REQUIREMENTS OF THE SPECIFICATIONS OR PLANS THAT HAS BEEN DELIVERED TO THE PROJECT OR INCORPORATED IN THE WORK, OR ANY WORK PERFORMED THAT IS OF INFERIOR QUALITY, SUCH MATERIAL OR WORK SHALL BE CONSIDERED DEFECTIVE AND SHALL BE CORRECTED AS DIRECTED BY THE OWNER OR ENGINEER, AT THE EXPENSE OF THE CONTRACTOR. ANY AREAS OF PAINT THAT CHIPS OR PEELS OR WEARS EXCESSIVELY IN RESPECT TO THE OVERALL SHALL BE REPAINTED WITHIN THE WARRANTY PERIOD OF ONE YEAR.

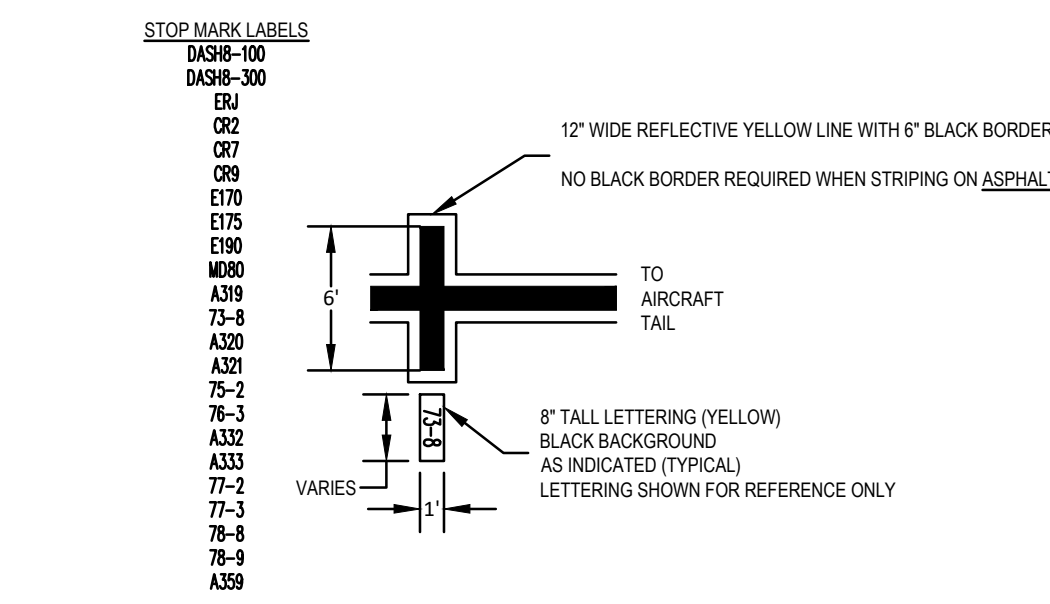
- REFLECTIVE MEDIA SHALL MEET FEDERAL SPECIFICATIONS TT-B-1325D, TYPE III, AND SHALL BE TREATED WITH COMPATIBLE AGENTS RECOMMENDED BY THE MANUFACTURER OF THE PAINT AND REFLECTIVE MEDIA TO ENSURE PROPER ADHESION AND EMBEDMENT.

- APPROVED AMERICAN AIRLINES REFLECTIVE BEADS WHEN STRIPING DONE IN HOUSE ARE:
 - POTTERS (pottersbeads.com) MPN: 613157
 - SWARCO (swarco.com) MPN: 2797

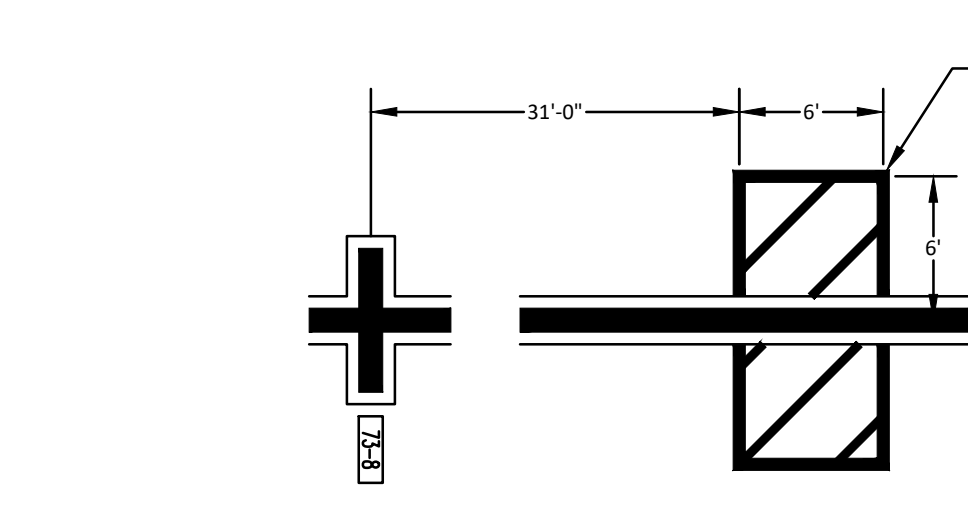
- REFLECTIVE MEDIA SHALL BE APPLIED AT A MINIMUM RATE OF 10 LBS./GAL. ENSURE REFLECTIVE MEDIA APPLICATION IS DISTRIBUTED EVENLY ACROSS ALL SURFACE AREAS OF PAINT AS REQUIRED.



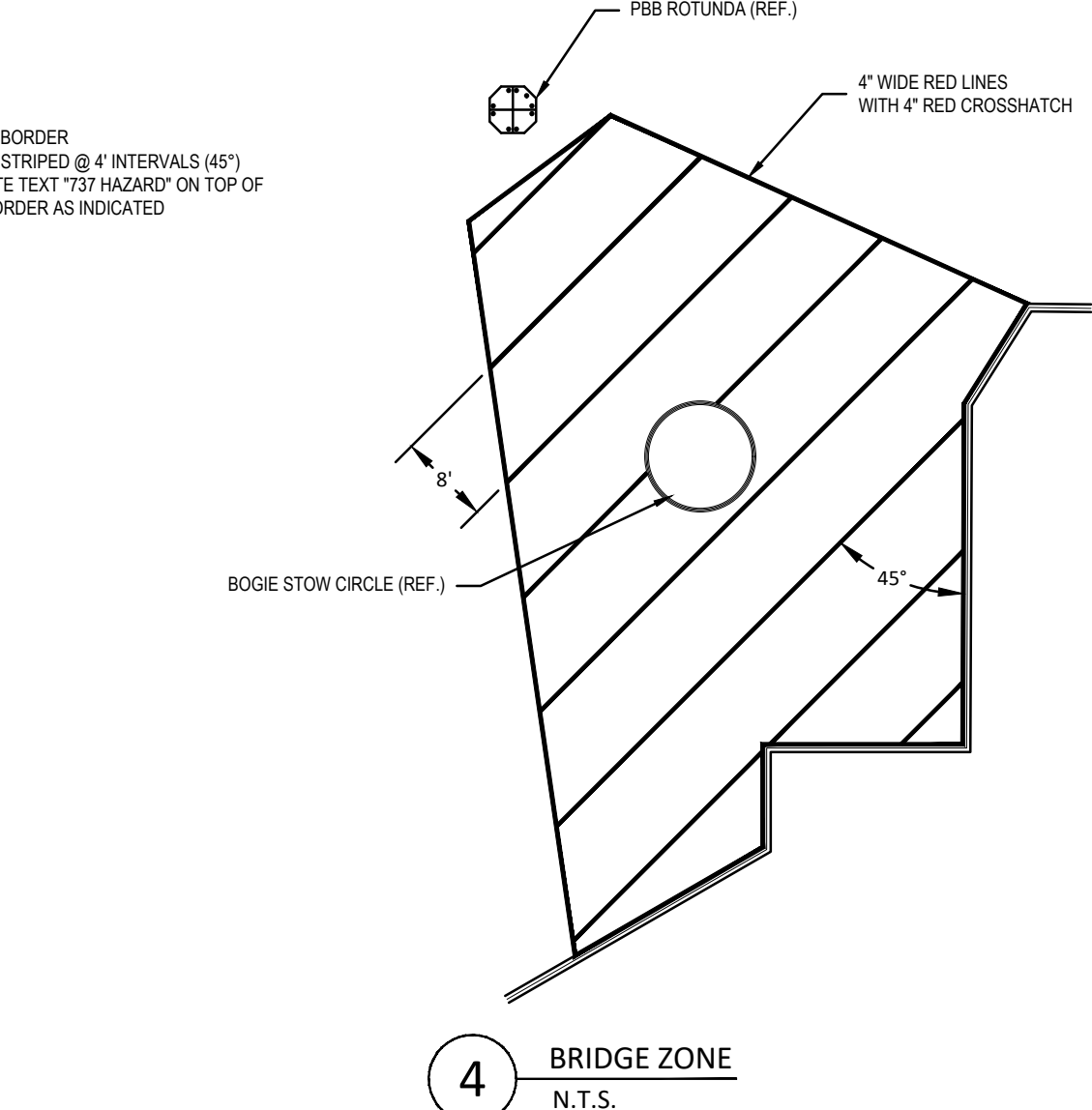
1 LEAD IN LINE
N.T.S.



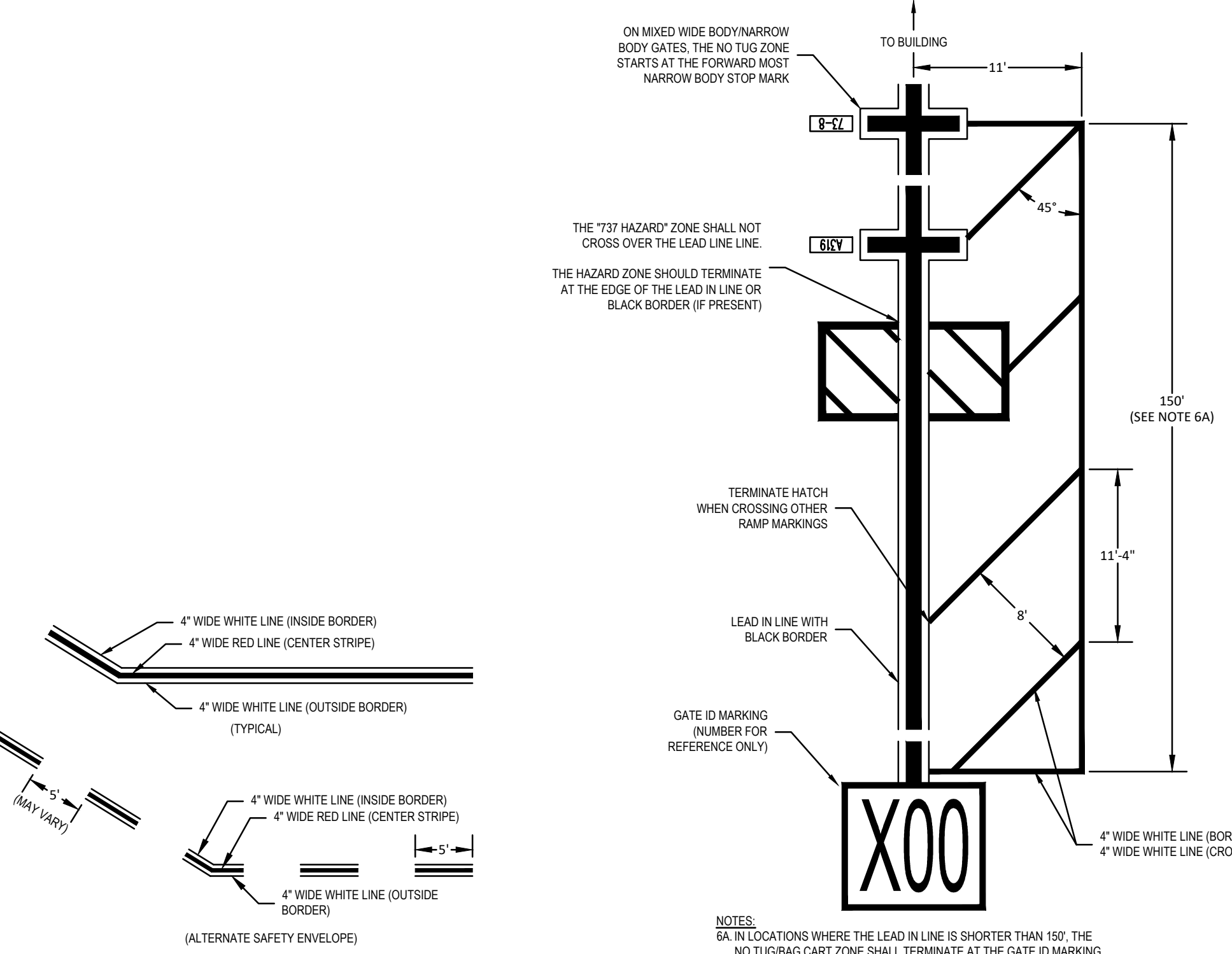
2 STOP MARK and STOP MARK LABEL (TYP.)
N.T.S.



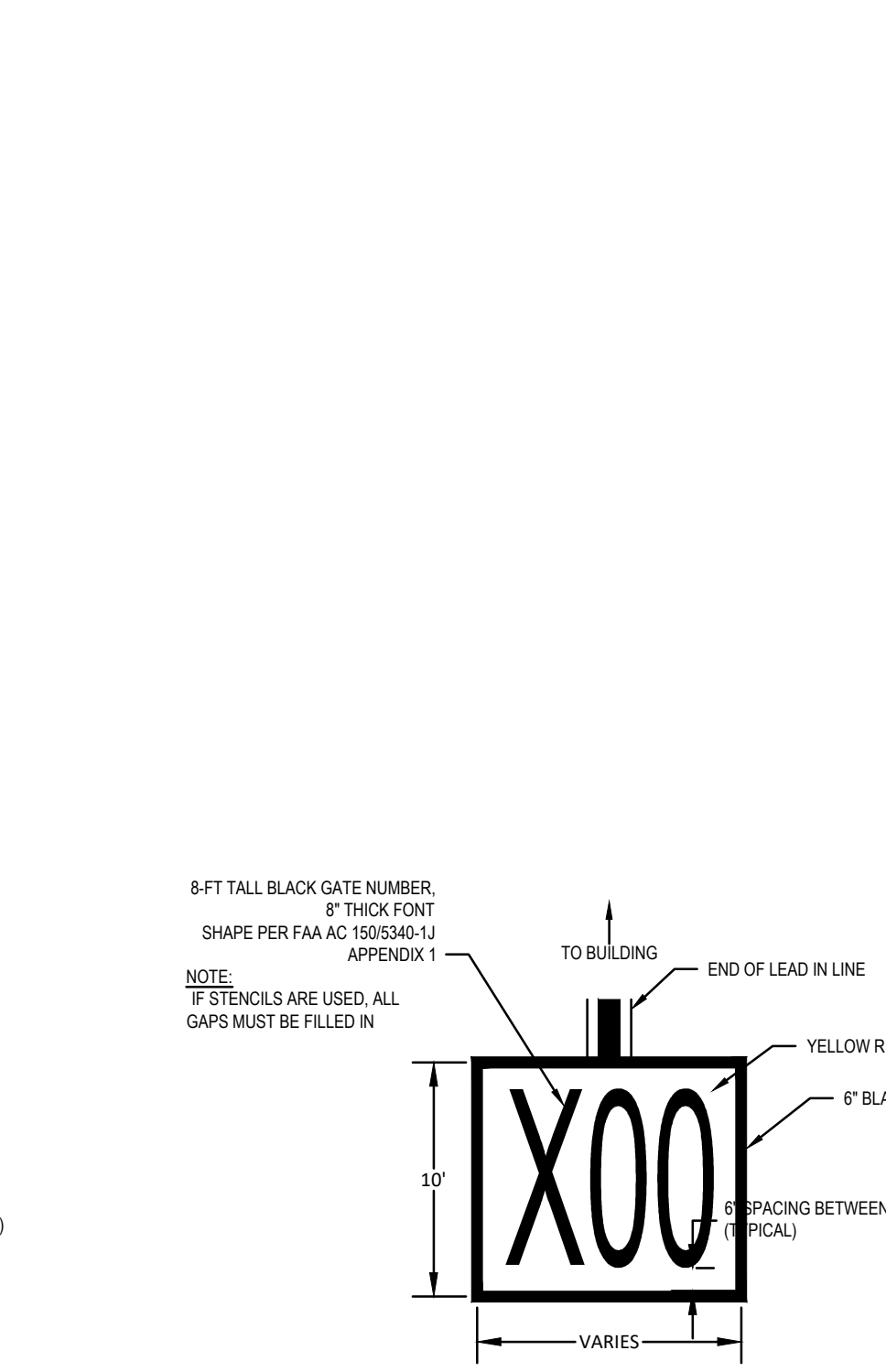
3 73-8 RAM AIR VENT HAZARD ZONE
N.T.S.



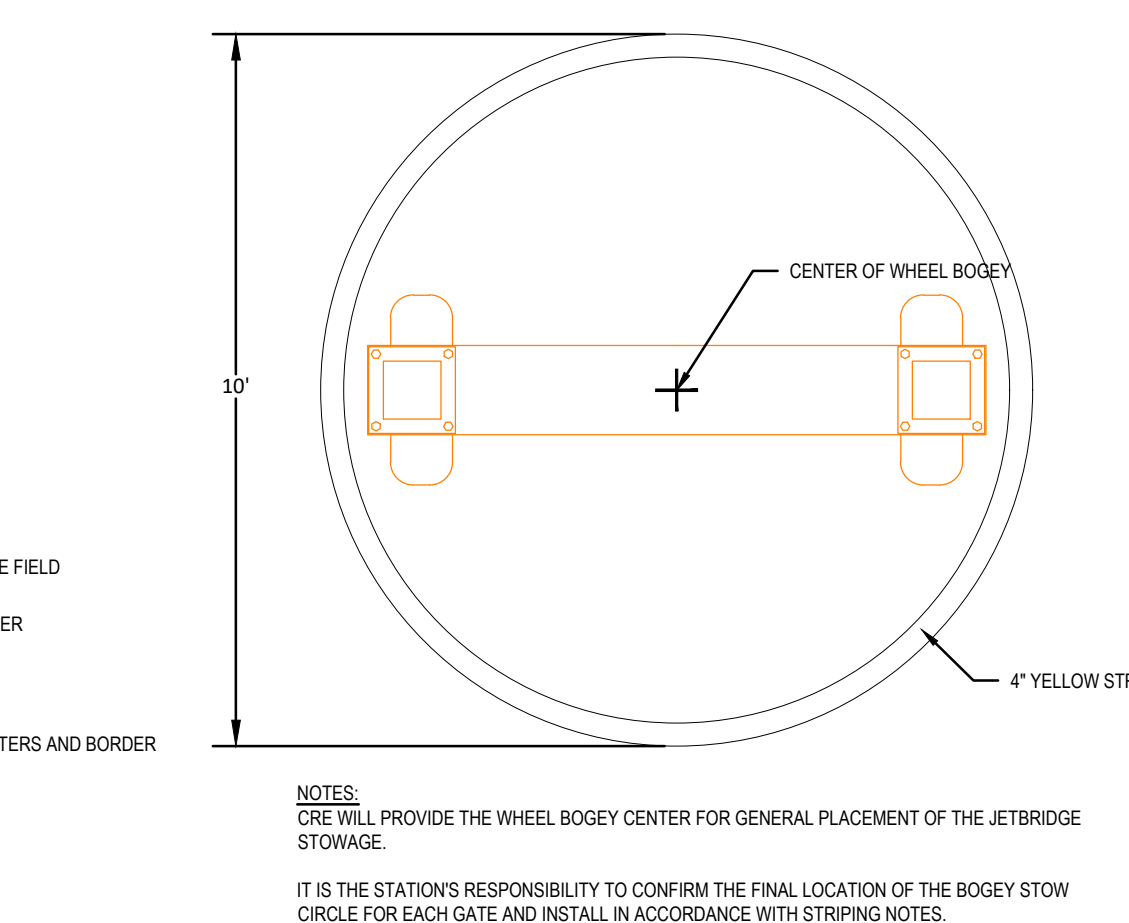
4 BRIDGE ZONE
N.T.S.



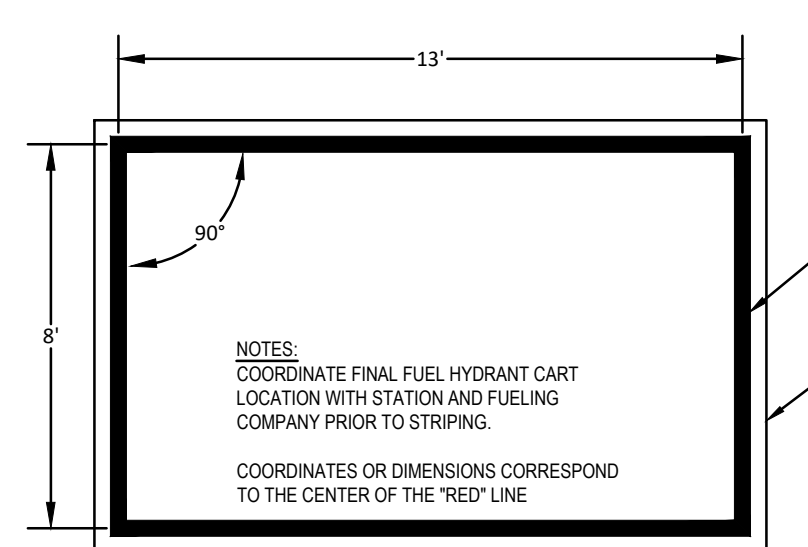
5 SAFETY ENVELOPE AND ALTERNATE SAFETY ENVELOPE
N.T.S.



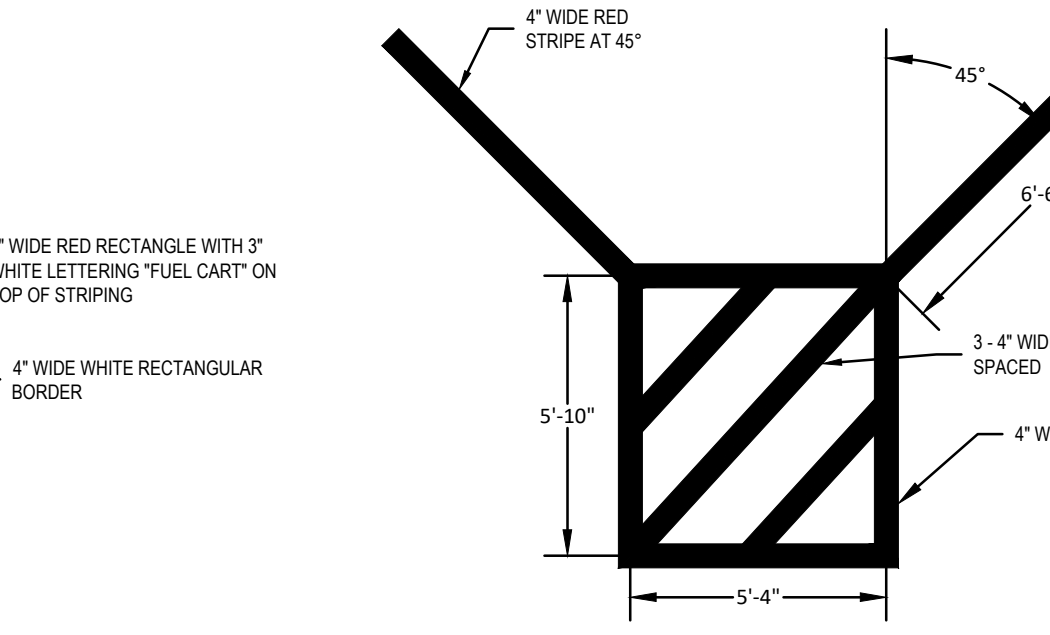
6 NO TUG/BAG CART ZONE
N.T.S.



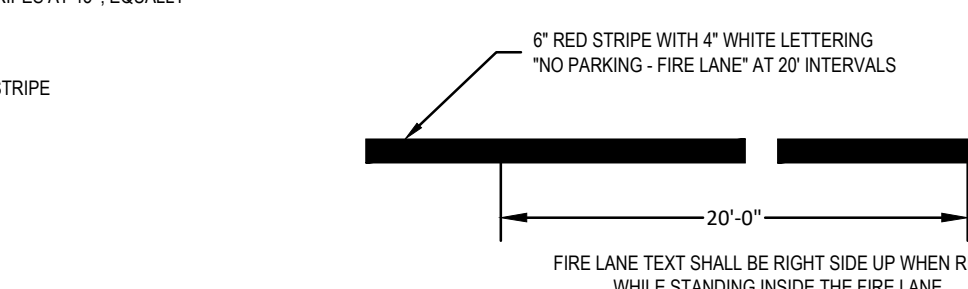
7 END OF LINE GATE ID
N.T.S.



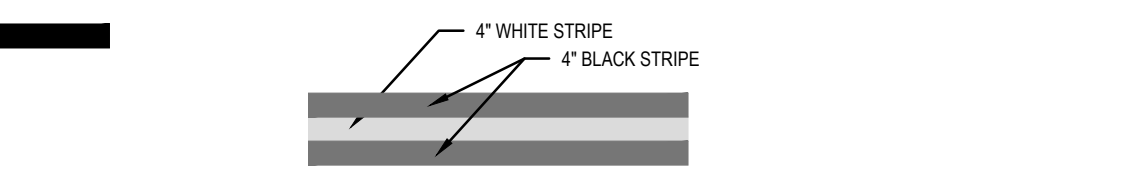
8 BOGIE STOW CIRCLE
N.T.S.



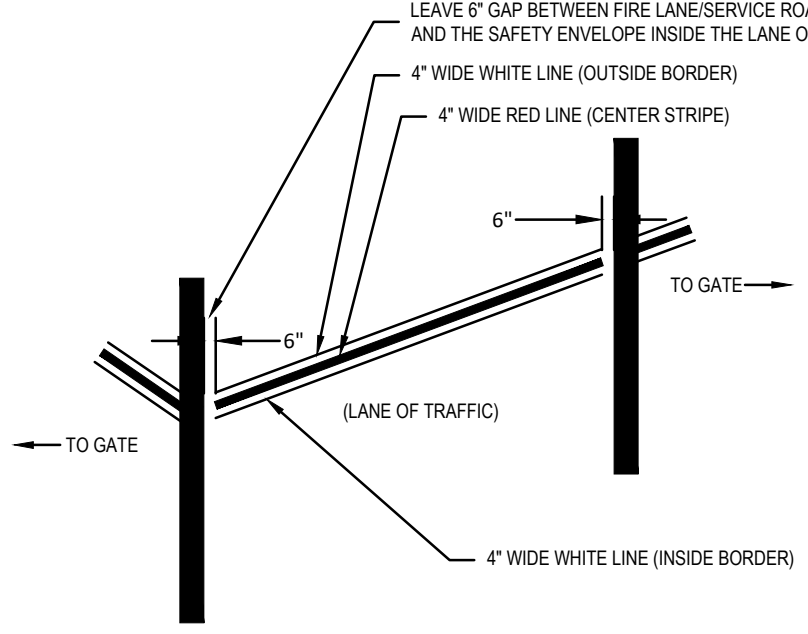
9 FUEL CART STATION
N.T.S.



10 FIRE BOTTLE STATION
N.T.S.



11 FIRE LANE
N.T.S.



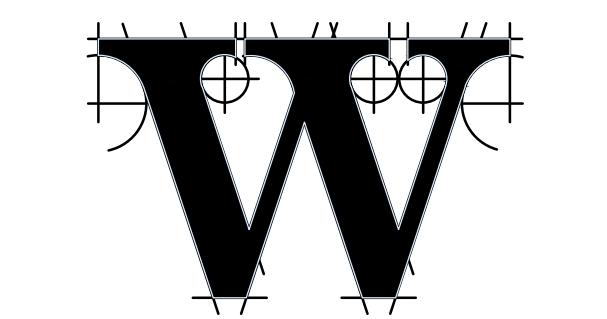
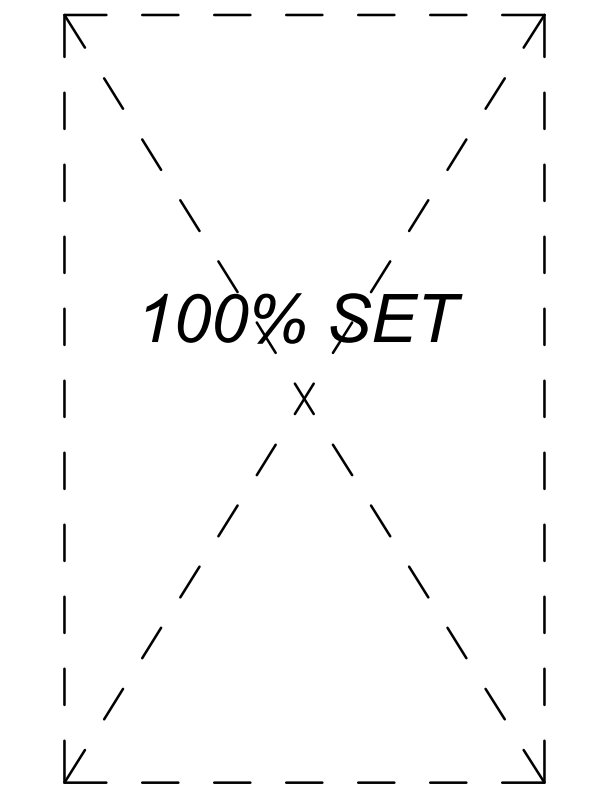
12 VEHICLE SERVICE ROAD (VSR), TAIL LIMIT LINE TYP.
N.T.S.

GENERAL NOTE:
NO EXCESSIVE OVERLAP OF PAINT DURING INSTALLATION.
EXCESSIVE OVERLAP IS GREATER THAN 1/2\"/>

13 SAFETY ENVELOPE THROUGH THE FIRE LANE OR SERVICE ROAD
N.T.S.

TERMINAL IMPROVEMENTS CONTRACT 3

Wilmington International Airport
1740 Airport Boulevard, Suite 12
Wilmington, NC 28405



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CONSULTING ARCHITECT
LS3P

STRUCTURAL ENGINEER
STEWART

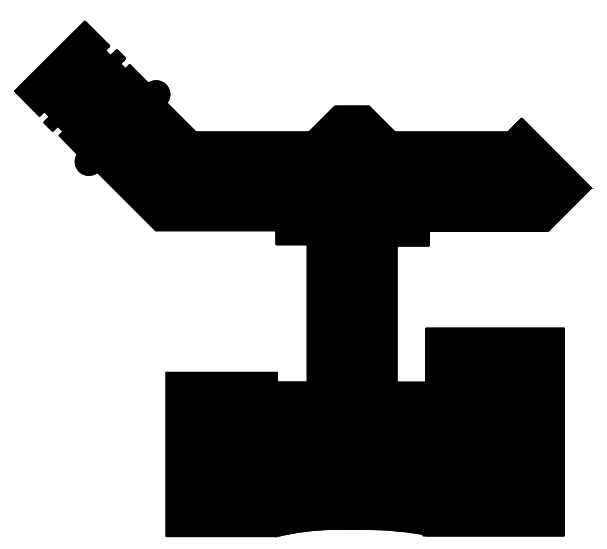
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DATE 6/28/2019
PROJECT NUMBER 9202-000
SHEET TITLE

APRON MARKING PLANS: DETAILS

SHEET NUMBER
ACP-400