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DESIGNED BY:



URS CORPORATION AES
500 ENTERPRISE DRIVE
ROCKY HILL, CT 06067

FINAL DESIGN PLANS

TOWN: STRATFORD	PROJECT NO: 15-336
DRAWING TITLE: INDEX OF DRAWINGS	DRAWING NO: IND-3.01
	SHEET NO: 03.001

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted: 12/17/2013

DESIGNER/DRAFTER:
D. PHAN

CHECKED BY:
K. MCCUTCHAN

NOT TO SCALE



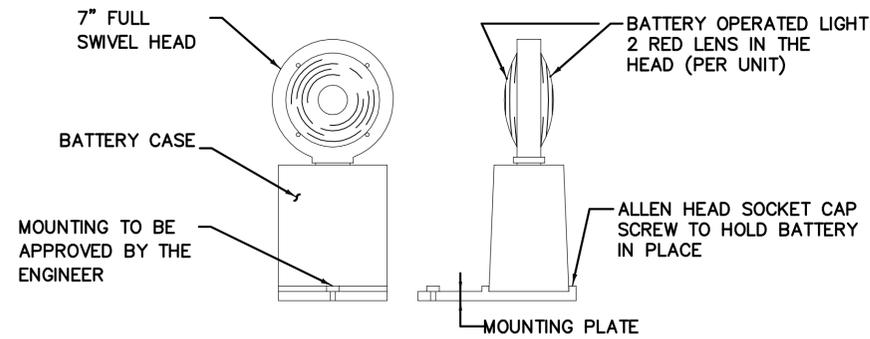
STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

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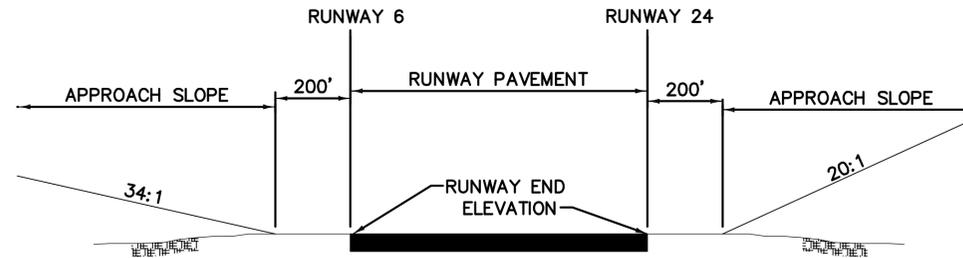


URS CORPORATION AES
500 ENTERPRISE DRIVE
ROCKY HILL, CT 06067

PROJECT TITLE:
**RUNWAY SAFETY AREA PROJECT
IGOR I. SIKORSKY MEMORIAL AIRPORT**

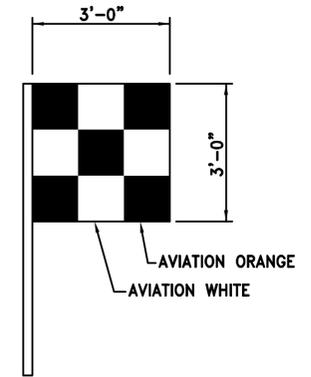


TEMPORARY BARRICADE LIGHT DETAIL
NOT TO SCALE

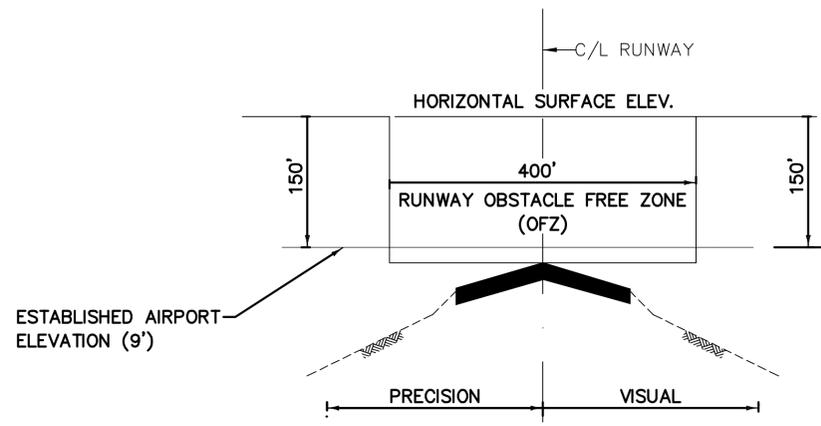


RUNWAY END	C/L ELEVATION	APPROACH SLOPE
6	6.8'	34:1
24	7.2'	20:1

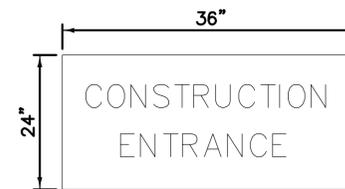
TYPICAL PROFILE
FAA PART 77 IMAGINARY SURFACES
NOT TO SCALE



VEHICLE/EQUIPMENT FLAG
NOT TO SCALE



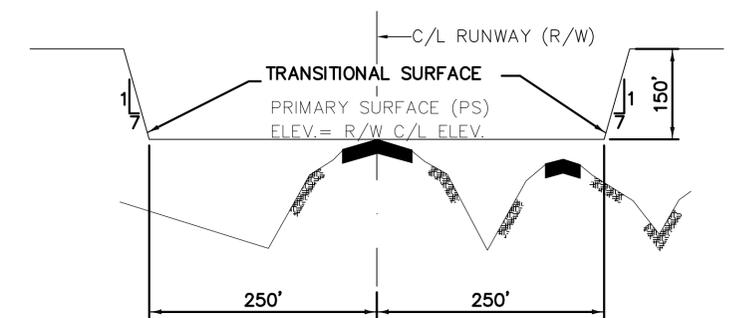
TYPICAL SECTION
OBSTACLE FREE ZONE (OFZ)
NOT TO SCALE



31-0553



80-9803

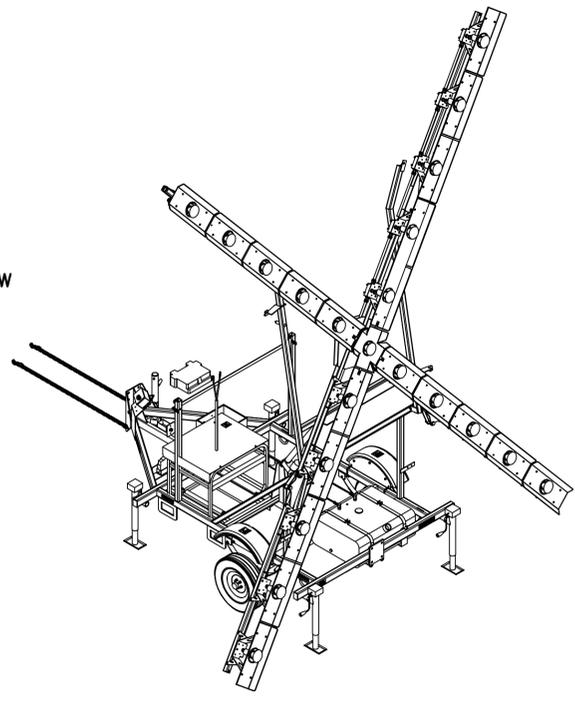
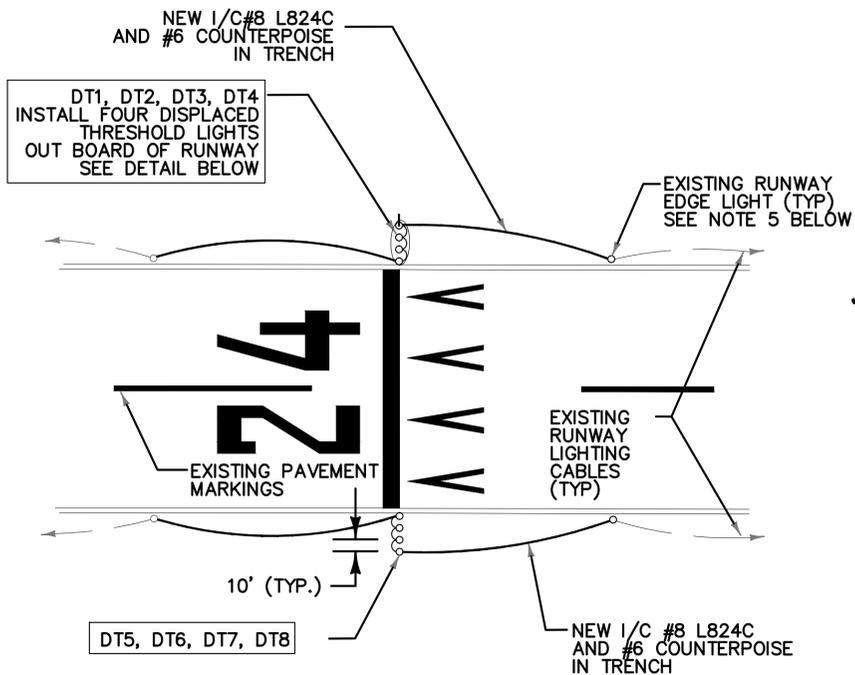


TYPICAL SECTION
FAA PART 77 IMAGINARY SURFACES
NOT TO SCALE

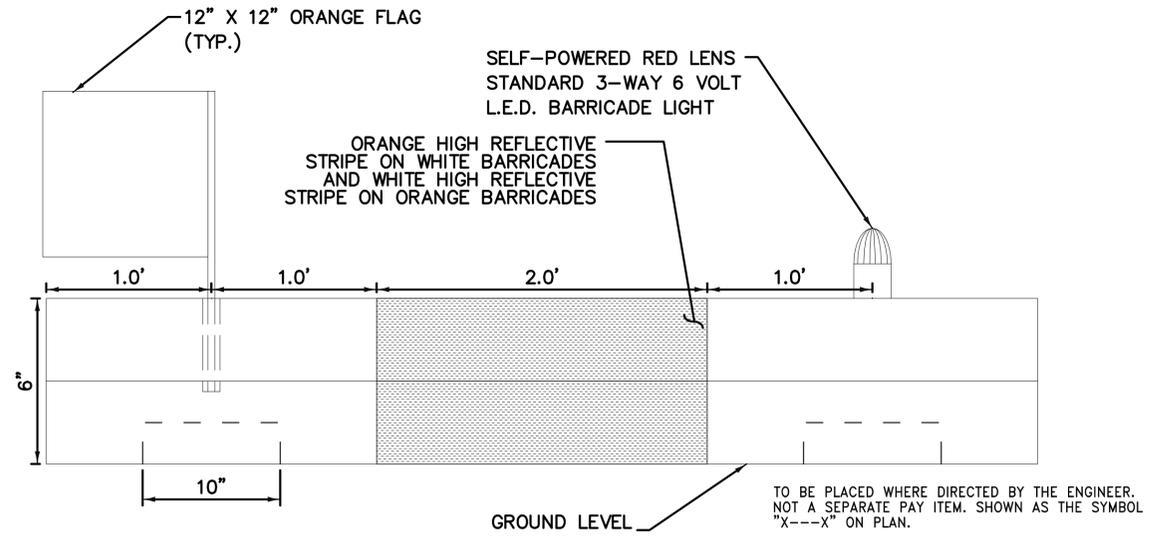
PHASING NOTES:

- THE INTENT OF THE PHASING PLANS IS TO MINIMIZE THE IMPACT OF CONSTRUCTION ON THE OPERATION OF THE AIRPORT. THE CONTRACTOR SHALL CONSTRUCT THE PROJECT AS OUTLINED IN THE PLANS UNLESS OTHERWISE APPROVED BY THE RESIDENT ENGINEER AND CONNECTICUT DEPARTMENT OF TRANSPORTATION. ADJUSTMENTS TO THE PHASING PLAN MAY BE NECESSARY AT TIMES TO ACCOMMODATE AIRPORT OPERATIONS.
- THE CONTRACTOR SHALL PROVIDE PORTABLE FLOOD LIGHTING FOR NIGHTTIME CONSTRUCTION. SUFFICIENT UNITS SHALL BE PROVIDED SO THAT WORK AREAS ARE ILLUMINATED TO A LEVEL OF FIVE HORIZONTAL FOOT CANDLES. THE LIGHTING LEVELS SHALL BE CALCULATED AND MEASURED IN ACCORDANCE WITH THE CURRENT STANDARDS OF THE ILLUMINATION SOCIETY. LIGHTS SHALL BE POSITIONED IN SUCH A WAY THAT THEY WILL NOT INTERFERE WITH AIRPORT OPERATIONS OR AIR TRAFFIC OR ROADWAY TRAFFIC.
- ALL RUNWAY CLOSURES MUST BE COORDINATED WITH THE RESIDENT ENGINEER AND AIRPORT MANAGEMENT AT LEAST 72 HOURS IN ADVANCE. THE CLOSURE WILL BE CONTINGENT UPON A NATIONAL WEATHER SERVICE FORECAST FOR ACCEPTABLE WEATHER AT THE PROPOSED CLOSURE TIME.
- SAFETY ZONES - THE FAA HAS DESIGNATED SAFETY ZONES SURROUNDING RUNWAYS AND TAXIWAYS. RUNWAY SAFETY AREAS (RSA) AND TAXIWAY OBJECT FREE AREAS (TOFA) DIMENSIONS ARE 250' AND 65.5' FROM CENTERLINE RESPECTIVELY. NO MEN OR EQUIPMENT ARE PERMITTED WITHIN AN RSA OR TOFA WHILE THE RUNWAY OR TAXIWAY IS OPEN.
- PRIOR TO OPENING A CLOSED RUNWAY OR TAXIWAY THE SAFETY AREA MUST MEET FAA CRITERIA LISTED BELOW. FOR RUNWAY AND TAXIWAY SAFETY AREAS FAA CRITERIA REQUIRES THAT THERE WILL BE NO OPEN EXCAVATIONS OR TRENCHES, THE MAXIMUM DROP-OFF IS 3-INCHES, ALL GRADES IN ANY DIRECTION BE LESS THAN 5 PERCENT AND THE GROUND TO BE CAPABLE OF SUPPORTING THE WEIGHT OF AN AIRCRAFT. THERE WILL BE NO RUTS, STONES LARGER THAN 3/4", OR ANY DEBRIS THAT MAY AFFECT AIRCRAFT DIRECTIONAL CONTROL. THE CONTRACTOR SHALL NOT BE PERMITTED TO LEAVE ANY TRENCHES OR OTHER EXCAVATIONS OPEN AT NIGHT OR ON WEEKENDS OR AT ANY OTHER TIME WHEN HE IS NOT ON SITE.
- THE CONTRACTOR SHALL SUBMIT A DETAILED CONSTRUCTION SCHEDULE FOR REVIEW AND APPROVAL BY THE RESIDENT ENGINEER AND CONNECTICUT DEPARTMENT OF TRANSPORTATION AT LEAST 10 DAYS PRIOR TO STARTING CONSTRUCTION. STRICT ADHERENCE TO THE APPROVED SCHEDULE WILL BE ENFORCED TO AVOID CONFLICTS WITH OTHER CONSTRUCTION ACTIVITIES AND ADVERSE EFFECTS ON AIRPORT OPERATIONS.
- BEFORE ANY WORK IS STARTED ON ANY PHASE OF THIS PROJECT AND ALSO BEFORE FINAL ACCEPTANCE BY CONNECTICUT DEPARTMENT OF TRANSPORTATION AND THE RESIDENT ENGINEER, REPRESENTATIVES OF THE AIRPORT AND THE RESIDENT ENGINEER SHALL MAKE AN INSPECTION OF THE EXISTING STORM SEWERS, CATCH BASINS, MANHOLES, HANDHOLES, DUCTBANKS, TAXIWAY AND RUNWAY LIGHTS WHICH ARE TO REMAIN IN SERVICE AND EXISTING PAVEMENTS WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF EXISTING CONDUITS, FIXTURES AND THEIR RELATED APPURTENANCES SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION WILL BE KEPT BY THE RESIDENT ENGINEER. ALL EXISTING FACILITIES, INSPECTED INITIALLY BY THE ABOVE MENTIONED PARTIES, SHALL BE PROTECTED, MAINTAINED, AND LEFT IN A GOOD CONDITION COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGES IN THE CONDITION RESULTING FROM EITHER THE PRIME OR SUBCONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE PRIME CONTRACTOR AT HIS EXPENSE TO THE SATISFACTION OF THE RESIDENT ENGINEER AND BDR.
- POSITIVE DRAINAGE SHALL BE PROVIDED AT ALL TIMES. SEDIMENT AND EROSION CONTROL DEVICES MUST BE IN PLACE PRIOR TO THE START OF GRADING OPERATIONS.
- THE CONTRACTOR SHALL NOT PLACE EQUIPMENT AND PERSONNEL WITHIN THE RUNWAY OR TAXIWAY SAFETY AREAS WITHOUT PRIOR APPROVAL FROM THE AIRPORT MANAGER.
- THE CONTRACTOR SHALL PROVIDE, MAINTAIN, MOVE, AND REMOVE CONSTRUCTION BARRICADES (AS DIRECTED) TO DELINEATE AREAS CLOSED TO AIRCRAFT TRAFFIC.
- PAVEMENTS, OPEN TO USE BY EITHER AIRCRAFT OR VEHICLES, BOTH ON AIRFIELD AND NON-AIRFIELD, MUST BE CLEAR AND FREE OF DEBRIS AT ALL TIMES. THE CONTRACTOR MUST PROVIDE A VACUUM SWEEPING MACHINE AND OPERATOR ON-SITE AND READY AT ALL TIMES DURING CONSTRUCTION ACTIVITY. ALL ROCKS, MUD, AND OTHER DEBRIS CARRIED ONTO AIRPORT PAVEMENTS BY THE CONTRACTOR'S EQUIPMENT MUST BE REPORTED TO THE ENGINEER OR THE AIRPORT MANAGER. THE AIRPORT MANAGER WILL THEN CLOSE THE AFFECTED AREA TO AIR TRAFFIC AND THE CONDUCTOR WILL IMMEDIATELY SWEEP THE AREA TO THE SATISFACTION OF THE AIRPORT MANAGER.
- THE CONTRACTOR SHALL HAVE BOTH A WATER TRUCK AND A POWER BROOM, AND OPERATORS ON SITE AND READY AT ALL TIMES DURING OPERATIONS FOR DUST AND FOD CONTROL. COST IS INCIDENTAL TO ITEM #0000195A TEMPORARY MAINTENANCE OF WORK AREA.
- THE CONTRACTOR MUST PROVIDE A GATE GUARD AT THE DESIGNATED AOA ACCESS GATE AT ALL TIMES WHEN THE CONTRACTOR'S PERSONNEL ARE ON THE AIRFIELD. THE GATE GUARD WILL BE TRAINED IN AIRPORT SECURITY REQUIREMENTS. ACCESS TO THE AIRFIELD IS NOT PERMITTED DURING NON-WORKING HOURS OR WHEN A GUARD IS NOT PRESENT. COST IS INCIDENTAL TO ITEM #0000195A TEMPORARY MAINTENANCE OF WORK AREA.
- COORDINATE ANY NECESSARY UTILITY EFFORTS WITH THE CORRESPONDING UTILITY COMPANY, THE FAA AND CONNECTICUT DEPARTMENT OF TRANSPORTATION.
- THE CONTRACTOR MUST COMPLY WITH ALL APPLICABLE FAA ADVISORY CIRCULARS AND FEDERAL AVIATION REGULATIONS. [WWW.FAA.GOV]
- MAXIMUM EQUIPMENT HEIGHTS IN WORK AREAS AND STAGING AREA ARE LIMITED BY FAR PART 77 AND OBSTACLE FREE ZONE (OFZ) SURFACES AS SHOWN IN DETAILS ON THIS SHEET.
- THE OBSTACLE FREE ZONE (OFZ) SHALL GOVERN EQUIPMENT CLEARANCE DURING CONSTRUCTION ADJACENT TO AN ACTIVE RUNWAY. IN NO CIRCUMSTANCES SHALL ANY MEN OR EQUIPMENT PENETRATE THESE SURFACES UNLESS PRIOR ARRANGEMENTS HAVE BEEN MADE WITH AIRPORT OPERATIONS.
- THE FAR PART 77 SURFACES (PRIMARY AND TRANSITIONAL) GOVERN STOCKPILE AND PARKED EQUIPMENT. UNDER NO CIRCUMSTANCES SHALL PARKED EQUIPMENT, STOCKPILES, OR OTHER ITEMS PENETRATE THESE SURFACES.

DESIGNER/DRAFTER: D. PHAN	 STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	 URS CORPORATION AES 500 ENTERPRISE DRIVE ROCKY HILL, CT 06867	PROJECT TITLE: RUNWAY SAFETY AREA PROJECT IGOR I. SIKORSKY MEMORIAL AIRPORT	TOWN: STRATFORD	PROJECT NO. 15-336
CHECKED BY: G. DAMICO				DRAWING TITLE: PHASING PLAN NOTES	DRAWING NO. GEN-3.01
NOT TO SCALE	FILENAME:				SHEET NO. 03.002
REV. DATE	REVISION DESCRIPTION	SHEET NO.	Plotted: 11/11/2013		



RUNWAY CLOSURE MARKER DETAIL
 ITEM # 0000195A
 NOT TO SCALE



NOTES

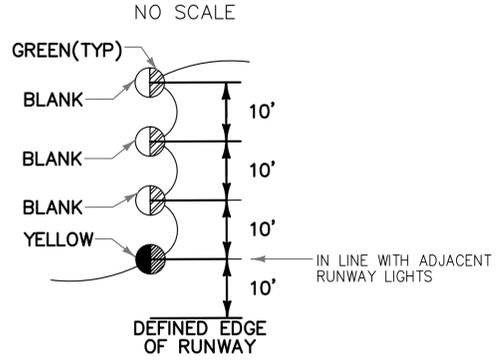
- BARRICADE CONSTRUCTED OF HIGH IMPACT, UV-RESISTANT POLYETHYLENE.
- EACH UNIT SHALL INCLUDE RED STANDARD 2-WAY LIGHT, 12" ORANGE FLAG AND 3M HIGH REFLECTIVE ORANGE TAPE
- BARRICADES SHALL BE PLACED AS SHOWN UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER, SUPPLYING, MAINTAINING, PLACING, AND REMOVING THE BARRICADES IS TO BE PAID FOR UNDER ITEM 0000195A.
- FOR ADDITIONAL INFORMATION ON CLOSED RUNWAY MARKERS AND LOW PROFILE BARRICADES, REFER TO THE FOLLOWING:
 - WWW.AIRPORTNAC.COM
 - WWW.TMCSAFETY.COM
 - WWW.TRAFFICSAFETYEQUIPMENT.COM
 - WWW.EMEDCO.COM
 - WWW.MULTI-BARRIER.COM
- BARRICADES TO BE FILLED WITH WATER OR SAND BAGGED AND PLACED WHERE DIRECTED BY THE ENGINEER TO PREVENT ACCESS TO A.O.A.

LOW PROFILE CONSTRUCTION BARRICADE
 ITEM # 0000195A
 NO SCALE

- EIGHT (8) MEDIUM INTENSITY RUNWAY THRESHOLD LIGHTS (CONFORMING TO FAA SPECIFICATIONS L-862E) TO BE INSTALLED AS SHOWN.
- TEMPORARY THRESHOLD LIGHTS TO BE STAKE OR CAN MOUNTED AT CONTRACTOR'S OPTION. PROVIDE #6 BARE COPPER WIRE, EXOTHERMICALLY WELDED TO EACH CAN OR STAKE, TO 3/4" X 10' COPPERCLAD, DRIVEN GROUND ROD.
- WHILE PREPARING TEMPORARY THRESHOLD, LIGHTED RUNWAY CLOSURE MARKERS TO BE IN PLACE OVER NUMERALS 6 AND 24.
- REMOVE EXISTING PAINT WHICH CONTRASTS WITH TEMPORARY PAINT BY CHEMICAL REMOVAL TO THE SATISFACTION OF THE ENGINEER.
- PROVIDE ELEVATED EDGE LIGHT COVER PLATE. DRILL HOLE IN COVER PLATE (1" DIAMETER). PROVIDE CONNECTORS, FLEX CONDUIT AND RIGID STEEL CONDUIT SECTION TO 18" BELOW GRADE TO PROTECT L-824 C CABLES FROM DAMAGE.
- THE COST OF THE TEMPORARY MARKINGS TO BE PAID UNDER ITEM 0000620A.
- FOR THRESHOLD LIGHT DETAIL, SEE DETAIL 7 ON DRAWING NO. DET-4.02.

- RUNWAY CLOSURE MARKERS SHALL BE SWEEPSTER MODEL LX006 OR APPROVED EQUAL. CONTRACTOR TO SUPPLY FOUR (4) MARKERS FOR THIS PROJECT.
- ALL COSTS ASSOCIATED WITH THIS WORK ARE TO BE INCLUDED IN ITEM 0000195A TEMPORARY MAINTENANCE WORK AREA.
- RUNWAY CLOSURE MARKERS SHALL BE PLACED ATOP RUNWAY DESIGNATION MARKINGS AT EACH END OF THE CLOSED RUNWAY OR AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING FUEL AND ALL MAINTENANCE OF THE LIGHTED RUNWAY CLOSURE MARKER (LRCM).
- RUNWAY CLOSURE MARKERS ARE TO BE IN PLACE WHENEVER A RUNWAY IS CLOSED TO AIR TRAFFIC OPERATIONS. RUNWAY CLOSURE MARKERS TO BE REMOVED BEFORE OPENING THE RUNWAY TO TRAFFIC.

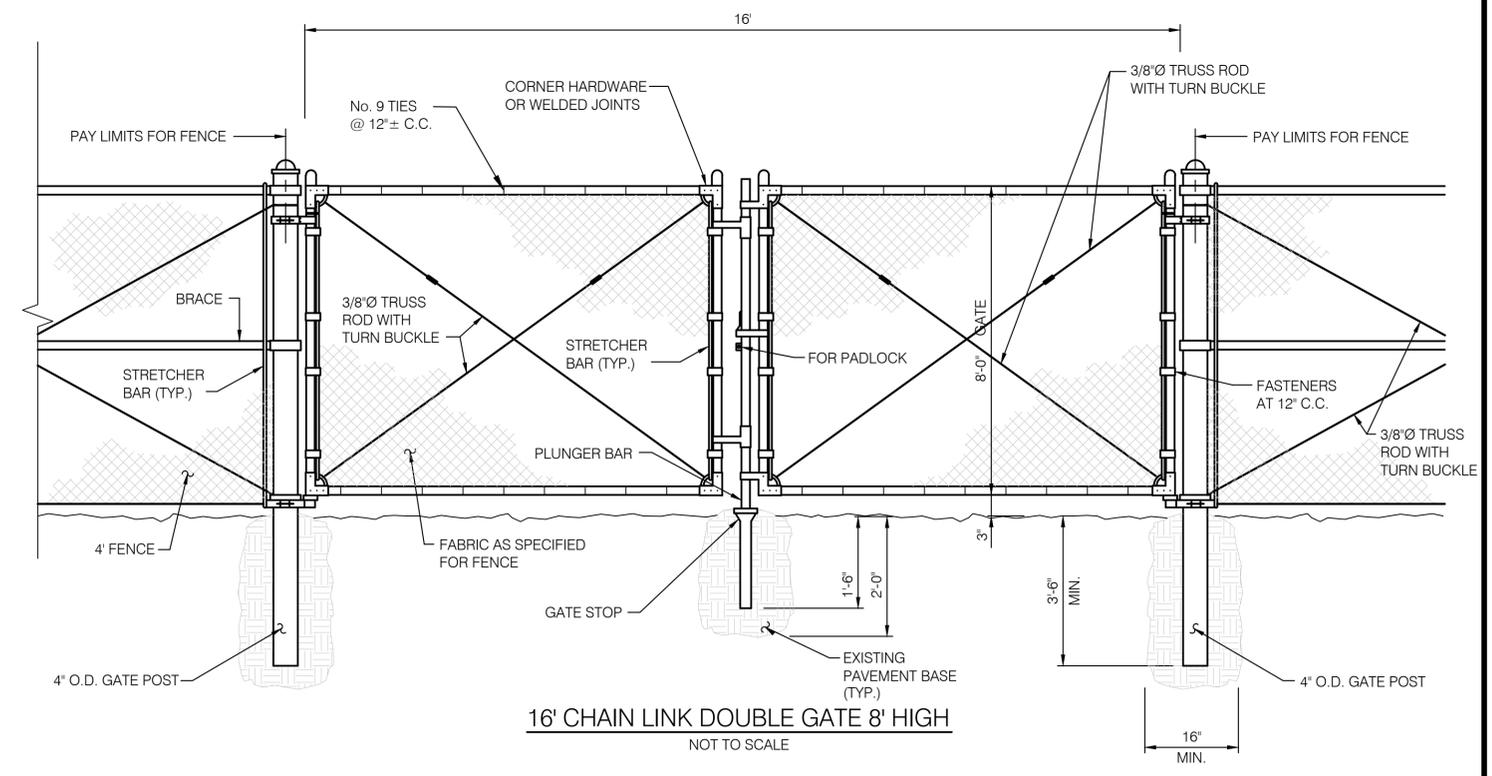
TEMPORARY DISPLACED THRESHOLD AND THRESHOLD LIGHTS DETAIL



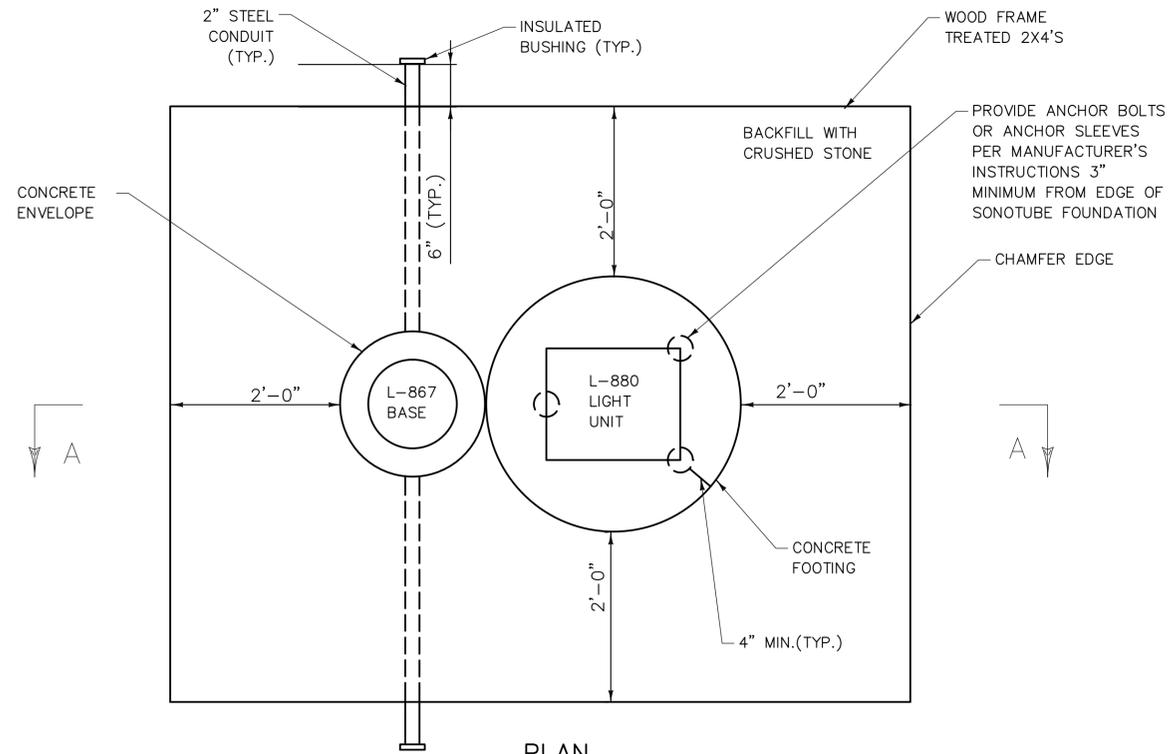
DISPLACED THRESHOLD LIGHTING DETAIL
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PHASING NOTES

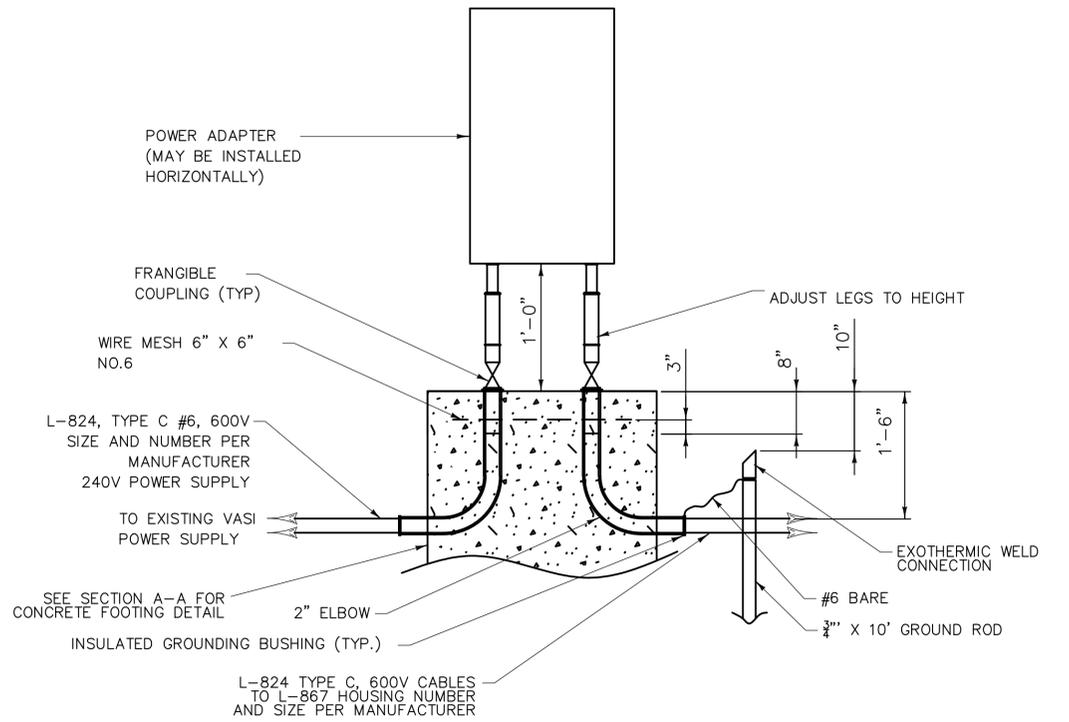
- ALL WORK WITHIN THE RUNWAY OBJECT FREE AREA (ROFA) MUST BE COORDINATED WITH AIRPORT OPERATIONS AND THE AIR TRAFFIC CONTROL TOWER. PROJECT COORDINATION MEETINGS TO BE SCHEDULED WITH AIRPORT OPERATIONS, ATCT, AND THE RESIDENT ENGINEER EACH WORK DAY. RUNWAY CLOSURES REQUIRE A MINIMUM OF 72 HOURS NOTICE FOR AIRPORT TO PREPARE NOTAMS AND COORDINATE CLOSURE WITH USERS.
- INSTALL LOW PROFILE CONSTRUCTION BARRICADES AS SHOWN ON THE PLANS AND WHERE DIRECTED BY THE ENGINEER.



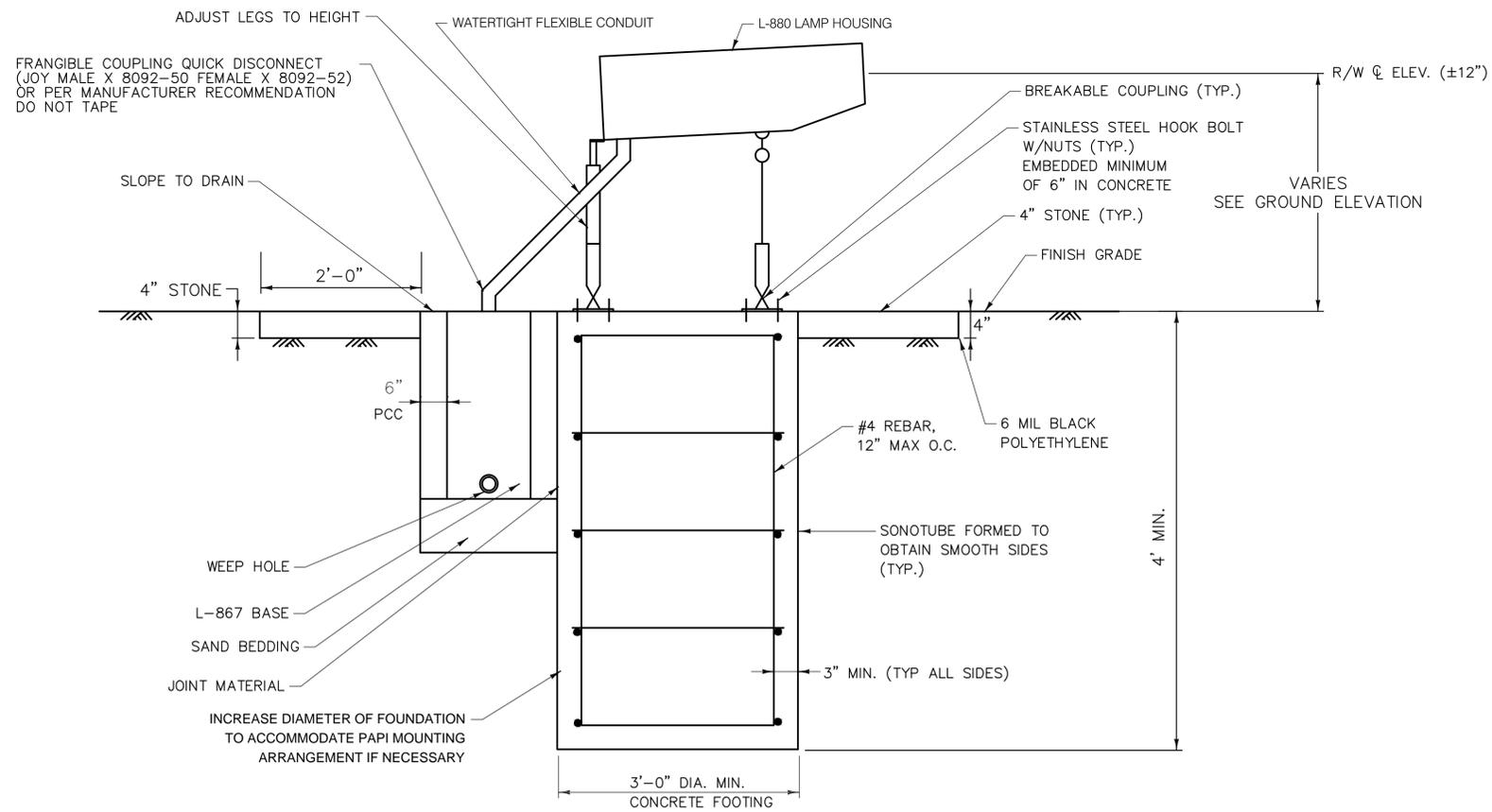
DESIGNER/DRAFTER: D. PHAN	<p>STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION</p>	SIGNATURE/BLOCK: 	PROJECT TITLE: RUNWAY SAFETY AREA PROJECT IGOR I. SIKORSKY MEMORIAL AIRPORT	TOWN: STRATFORD	PROJECT NO: 15-336
CHECKED BY: G. D'AMICO		<p>URS CORPORATION AES 500 ENTERPRISE DRIVE ROCKY HILL, CT 06867</p>		DRAWING TITLE: PHASING PLAN DETAILS	DRAWING NO: MDS-3.01
REV. DATE REVISION DESCRIPTION SHEET NO. Plotted: 02/04/2014	NOT TO SCALE	FILENAME:			SHEET NO: 03.003



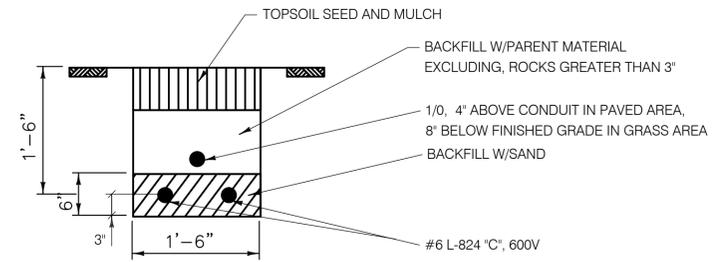
PLAN
NTS



CONTROL PANEL
NTS



SECTION A-A
NTS



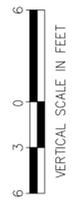
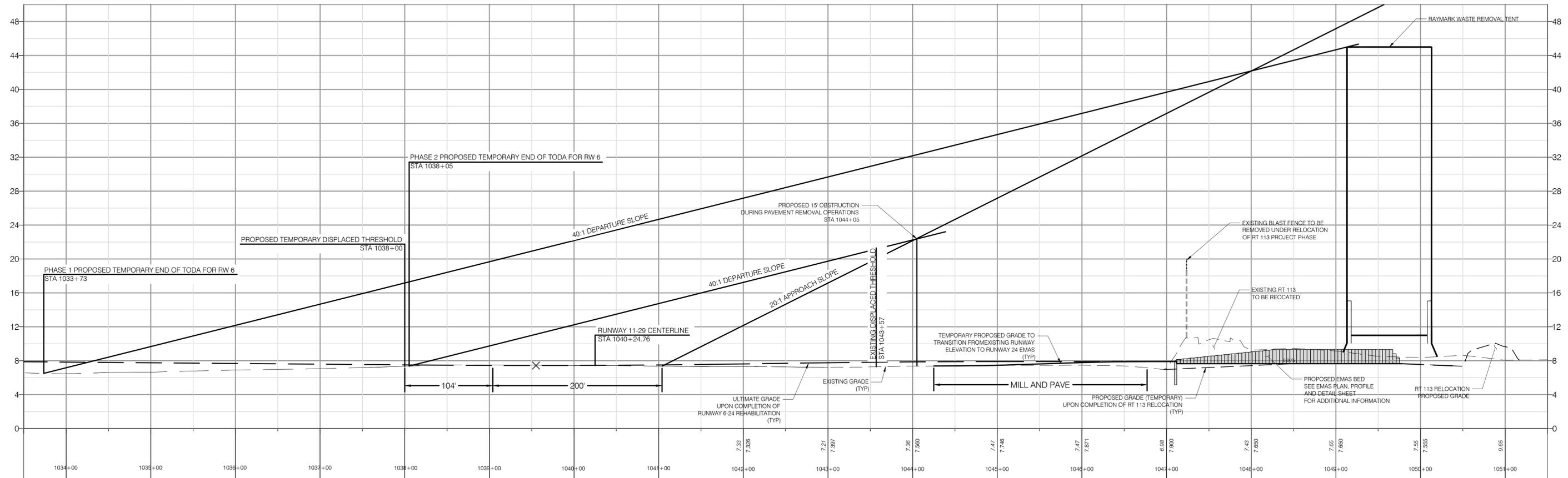
CABLE TRENCH-TYPICAL
NTS

NOTE:

1. REFER TO DRAWING NO. ELE-3.01 FOR TEMPORARY PAPI PLAN.
2. AFTER COMPLETION OF PROJECT CONTRACTOR TO REMOVE PCC FOUNDATIONS. BACKFILL W/SOIL AND RESTORE TO PRE-CONSTRUCTION CONDITIONS. (EXISTING CABLES CAN BE ABANDONED IN PLACE)
3. CONTRACTOR RESPONSIBLE FOR MAINTENANCE OF TEMPORARY PAPI.

DESIGNER/DRAFTER: D. PHAN	 STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	 URS CORPORATION AES 500 ENTERPRISE DRIVE ROCKY HILL, CT 06867	PROJECT TITLE: RUNWAY SAFETY AREA PROJECT IGOR I. SIKORSKY MEMORIAL AIRPORT	TOWN: STRATFORD	PROJECT NO: 15-336
CHECKED BY: G'DAMICO			NOT TO SCALE	FILENAME:	DRAWING TITLE: TEMPORARY PAPI DETAILS
REV. DATE REVISION DESCRIPTION SHEET NO.	Plotted: 12/18/2013				SHEET NO: 03.004

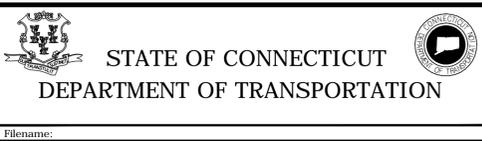
RUNWAY 6-24 BASELINE PROFILE



REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted: 11/11/2013

DESIGNER/DRAFTER:
D. PHAN
CHECKED BY:
G. DAMICO
SCALE IN FEET
0 60 120
SCALE 1" = 60'



SIGNATURE/
BLOCK:
URS CORPORATION AES
500 ENTERPRISE DRIVE
ROCKY HILL, CT 06867

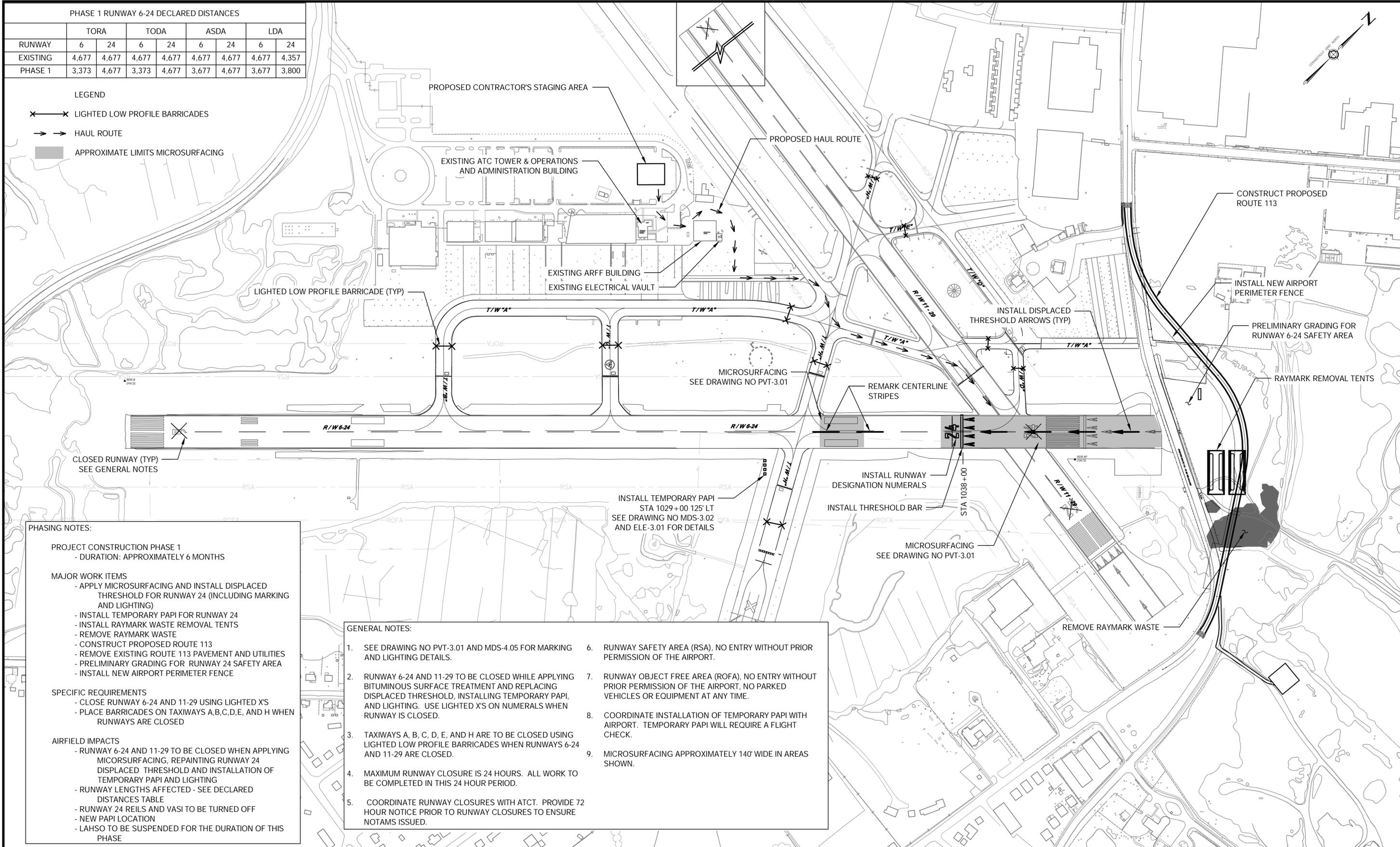
PROJECT TITLE:
**RUNWAY SAFETY AREA PROJECT
IGOR I. SIKORSKY MEMORIAL AIRPORT**

TOWN:
STRATFORD
DRAWING TITLE:
**TEMPORARY RUNWAY
OBSTRUCTION PROFILE**

PROJECT NO:
15-336
DRAWING NO:
PRO-3.01
SHEET NO:
03.005

PHASE 1 RUNWAY 6-24 DECLARED DISTANCES								
RUNWAY	TORA		TODA		ASDA		LDA	
	6	24	6	24	6	24	6	24
EXISTING	4,677	4,677	4,677	4,677	4,677	4,677	4,677	4,357
PHASE 1	3,373	4,677	3,373	4,677	3,677	4,677	3,677	3,800

- LEGEND**
- LIGHTED LOW PROFILE BARRICADES
 - HAUL ROUTE
 - APPROXIMATE LIMITS MICROSURFACING



- PHASING NOTES:**
- PROJECT CONSTRUCTION PHASE 1**
 - DURATION: APPROXIMATELY 6 MONTHS
- MAJOR WORK ITEMS**
- APPLY MICROSURFACING AND INSTALL DISPLACED THRESHOLD FOR RUNWAY 24 (INCLUDING MARKING AND LIGHTING)
 - INSTALL TEMPORARY PAPI FOR RUNWAY 24
 - INSTALL RAYMARK WASTE REMOVAL TENTS
 - REMOVE RAYMARK WASTE
 - CONSTRUCT PROPOSED ROUTE 113
 - REMOVE EXISTING ROUTE 113 PAVEMENT AND UTILITIES
 - PRELIMINARY GRADING FOR RUNWAY 24 SAFETY AREA
 - INSTALL NEW AIRPORT PERIMETER FENCE
- SPECIFIC REQUIREMENTS**
- CLOSE RUNWAY 6-24 AND 11-29 USING LIGHTED X'S
 - PLACE BARRICADES ON TAXIWAYS A, B, C, D, E, AND H WHEN RUNWAYS ARE CLOSED
- AIRFIELD IMPACTS**
- RUNWAY 6-24 AND 11-29 TO BE CLOSED WHEN APPLYING MICROSURFACING, REPAINTING RUNWAY 24 DISPLACED THRESHOLD AND INSTALLATION OF TEMPORARY PAPI AND LIGHTING
 - RUNWAY LENGTHS AFFECTED - SEE DECLARED DISTANCES TABLE
 - RUNWAY 24 REELS AND VASI TO BE TURNED OFF
 - NEW PAPI LOCATION
 - LAHSO TO BE SUSPENDED FOR THE DURATION OF THIS PHASE

- GENERAL NOTES:**
1. SEE DRAWING NO PVT-3.01 AND MDS-4.05 FOR MARKING AND LIGHTING DETAILS.
 2. RUNWAY 6-24 AND 11-29 TO BE CLOSED WHILE APPLYING BITUMINOUS SURFACE TREATMENT AND REPLACING DISPLACED THRESHOLD, INSTALLING TEMPORARY PAPI, AND LIGHTING. USE LIGHTED X'S ON NUMERALS WHEN RUNWAY IS CLOSED.
 3. TAXIWAYS A, B, C, D, E, AND H ARE TO BE CLOSED USING LIGHTED LOW PROFILE BARRICADES WHEN RUNWAYS 6-24 AND 11-29 ARE CLOSED.
 4. MAXIMUM RUNWAY CLOSURE IS 24 HOURS. ALL WORK TO BE COMPLETED IN THIS 24 HOUR PERIOD.
 5. COORDINATE RUNWAY CLOSURES WITH ATCT. PROVIDE 72 HOUR NOTICE PRIOR TO RUNWAY CLOSURES TO ENSURE NOTAMS ISSUED.
 6. RUNWAY SAFETY AREA (RSA), NO ENTRY WITHOUT PRIOR PERMISSION OF THE AIRPORT.
 7. RUNWAY OBJECT FREE AREA (ROFA), NO ENTRY WITHOUT PRIOR PERMISSION OF THE AIRPORT, NO PARKED VEHICLES OR EQUIPMENT AT ANY TIME.
 8. COORDINATE INSTALLATION OF TEMPORARY PAPI WITH AIRPORT. TEMPORARY PAPI WILL REQUIRE A FLIGHT CHECK.
 9. MICROSURFACING APPROXIMATELY 140' WIDE IN AREAS SHOWN.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

DESIGNER/DRAFTER: D. PHAN
 CHECKED BY: G. D'AMICO

SCALE IN FEET
 0 200 400
 SCALE 1" = 200'

STATE OF CONNECTICUT
 DEPARTMENT OF TRANSPORTATION

SIGNATURE/BLOCK:

URS CORPORATION AES
 500 ENTERPRISE DRIVE
 ROCKY HILL, CT 06067

PROJECT TITLE:
**RUNWAY SAFETY AREA PROJECT
 IGOR I. SIKORSKY MEMORIAL AIRPORT**

TOWN:
 STRATFORD

DRAWING TITLE:
 PHASE 1

PROJECT NO.: 15-336
 DRAWING NO.: PHA-3.01
 SHEET NO.: 03.006

Plotted: 02/04/2014

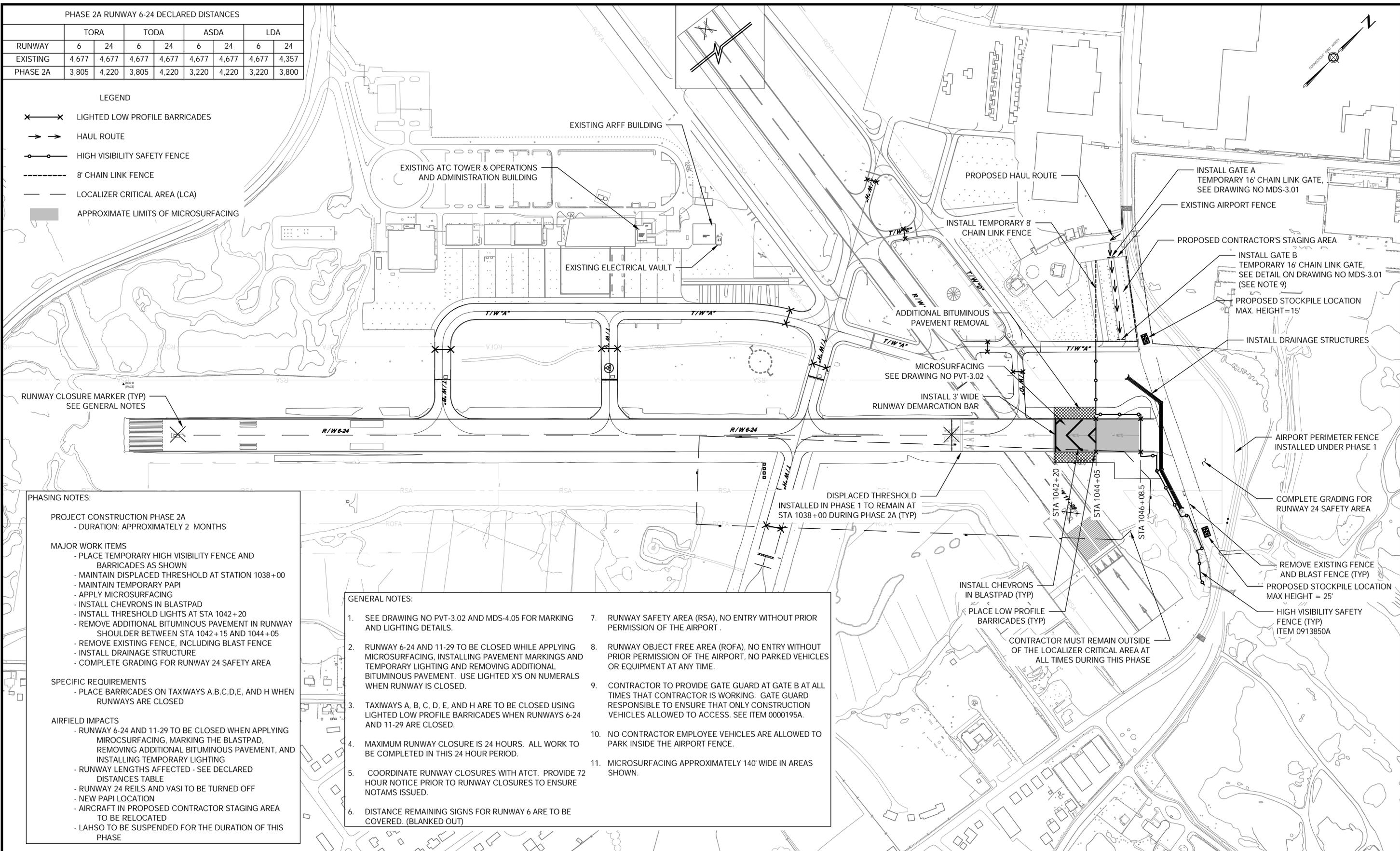
Filename:

PHASE 2A RUNWAY 6-24 DECLARED DISTANCES

RUNWAY	TORA		TODA		ASDA		LDA	
	6	24	6	24	6	24	6	24
EXISTING	4,677	4,677	4,677	4,677	4,677	4,677	4,677	4,357
PHASE 2A	3,805	4,220	3,805	4,220	3,220	4,220	3,220	3,800

LEGEND

- LIGHTED LOW PROFILE BARRICADES
- HAUL ROUTE
- HIGH VISIBILITY SAFETY FENCE
- 8' CHAIN LINK FENCE
- LOCALIZER CRITICAL AREA (LCA)
- APPROXIMATE LIMITS OF MICROSURFACING



PHASING NOTES:

- PROJECT CONSTRUCTION PHASE 2A**
 - DURATION: APPROXIMATELY 2 MONTHS
- MAJOR WORK ITEMS**
 - PLACE TEMPORARY HIGH VISIBILITY FENCE AND BARRICADES AS SHOWN
 - MAINTAIN DISPLACED THRESHOLD AT STATION 1038+00
 - MAINTAIN TEMPORARY PAPI
 - APPLY MICROSURFACING
 - INSTALL CHEVRONS IN BLASTPAD
 - INSTALL THRESHOLD LIGHTS AT STA 1042+20
 - REMOVE ADDITIONAL BITUMINOUS PAVEMENT IN RUNWAY SHOULDER BETWEEN STA 1042+15 AND 1044+05
 - REMOVE EXISTING FENCE, INCLUDING BLAST FENCE
 - INSTALL DRAINAGE STRUCTURE
 - COMPLETE GRADING FOR RUNWAY 24 SAFETY AREA
- SPECIFIC REQUIREMENTS**
 - PLACE BARRICADES ON TAXIWAYS A, B, C, D, E, AND H WHEN RUNWAYS ARE CLOSED
- AIRFIELD IMPACTS**
 - RUNWAY 6-24 AND 11-29 TO BE CLOSED WHEN APPLYING MICROSURFACING, MARKING THE BLASTPAD, REMOVING ADDITIONAL BITUMINOUS PAVEMENT, AND INSTALLING TEMPORARY LIGHTING
 - RUNWAY LENGTHS AFFECTED - SEE DECLARED DISTANCES TABLE
 - RUNWAY 24 REILS AND VASI TO BE TURNED OFF
 - NEW PAPI LOCATION
 - AIRCRAFT IN PROPOSED CONTRACTOR STAGING AREA TO BE RELOCATED
 - LAHSO TO BE SUSPENDED FOR THE DURATION OF THIS PHASE

GENERAL NOTES:

1. SEE DRAWING NO PVT-3.02 AND MDS-4.05 FOR MARKING AND LIGHTING DETAILS.
2. RUNWAY 6-24 AND 11-29 TO BE CLOSED WHILE APPLYING MICROSURFACING, INSTALLING PAVEMENT MARKINGS AND TEMPORARY LIGHTING AND REMOVING ADDITIONAL BITUMINOUS PAVEMENT. USE LIGHTED X'S ON NUMERALS WHEN RUNWAY IS CLOSED.
3. TAXIWAYS A, B, C, D, E, AND H ARE TO BE CLOSED USING LIGHTED LOW PROFILE BARRICADES WHEN RUNWAYS 6-24 AND 11-29 ARE CLOSED.
4. MAXIMUM RUNWAY CLOSURE IS 24 HOURS. ALL WORK TO BE COMPLETED IN THIS 24 HOUR PERIOD.
5. COORDINATE RUNWAY CLOSURES WITH ATCT. PROVIDE 72 HOUR NOTICE PRIOR TO RUNWAY CLOSURES TO ENSURE NOTAMS ISSUED.
6. DISTANCE REMAINING SIGNS FOR RUNWAY 6 ARE TO BE COVERED. (BLANKED OUT)
7. RUNWAY SAFETY AREA (RSA), NO ENTRY WITHOUT PRIOR PERMISSION OF THE AIRPORT.
8. RUNWAY OBJECT FREE AREA (ROFA), NO ENTRY WITHOUT PRIOR PERMISSION OF THE AIRPORT, NO PARKED VEHICLES OR EQUIPMENT AT ANY TIME.
9. CONTRACTOR TO PROVIDE GATE GUARD AT GATE B AT ALL TIMES THAT CONTRACTOR IS WORKING. GATE GUARD RESPONSIBLE TO ENSURE THAT ONLY CONSTRUCTION VEHICLES ALLOWED TO ACCESS. SEE ITEM 0000195A.
10. NO CONTRACTOR EMPLOYEE VEHICLES ARE ALLOWED TO PARK INSIDE THE AIRPORT FENCE.
11. MICROSURFACING APPROXIMATELY 140' WIDE IN AREAS SHOWN.

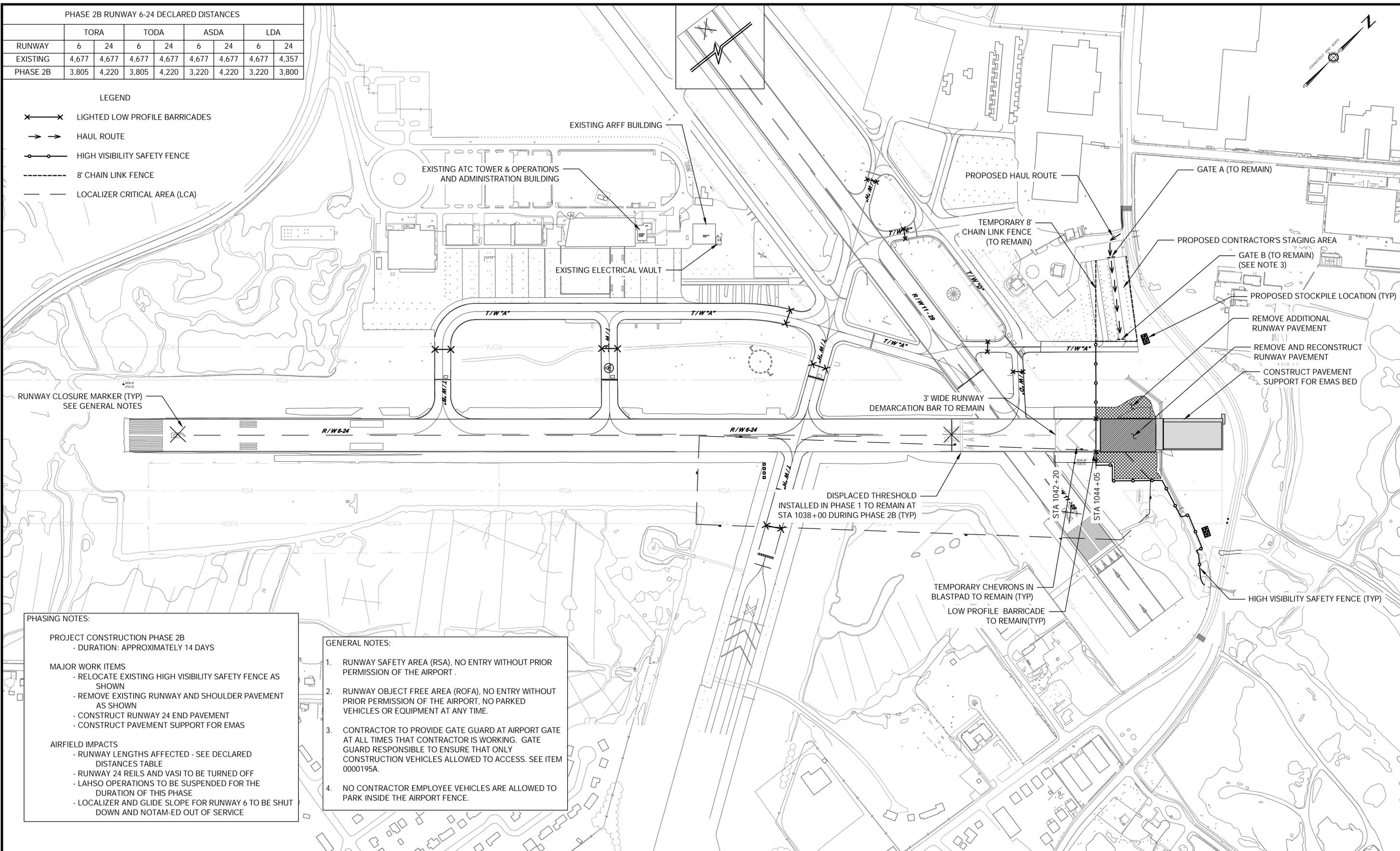
<p>DESIGNER/DRAFTER: D. PHAN</p> <p>CHECKED BY: G. D'AMICO</p> <p>SCALE IN FEET</p> <p>0 200 400</p> <p>SCALE 1" = 200'</p>	<p>STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION</p>	<p>SIGNATURE/BLOCK:</p> <p>URS CORPORATION AES 500 ENTERPRISE DRIVE ROCKY HILL, CT 06867</p>	<p>PROJECT TITLE:</p> <p>RUNWAY SAFETY AREA PROJECT IGOR I. SIKORSKY MEMORIAL AIRPORT</p>	<p>TOWN:</p> <p>STRATFORD</p>	<p>PROJECT NO. 15-336</p> <p>DRAWING NO. PHA-3.02</p> <p>SHEET NO. 03.007</p>
<p>REV. DATE REVISION DESCRIPTION SHEET NO. Plotted: 11/12/2013</p>					

PHASE 2B RUNWAY 6-24 DECLARED DISTANCES

RUNWAY	TORA		TODA		ASDA		LDA	
	6	24	6	24	6	24	6	24
EXISTING	4,677	4,677	4,677	4,677	4,677	4,677	4,677	4,357
PHASE 2B	3,805	4,220	3,805	4,220	3,220	4,220	3,220	3,800

LEGEND

- LIGHTED LOW PROFILE BARRICADES
- HAUL ROUTE
- HIGH VISIBILITY SAFETY FENCE
- 8' CHAIN LINK FENCE
- LOCALIZER CRITICAL AREA (LCA)



PHASING NOTES:

PROJECT CONSTRUCTION PHASE 2B
- DURATION: APPROXIMATELY 14 DAYS

MAJOR WORK ITEMS

- RELOCATE EXISTING HIGH VISIBILITY SAFETY FENCE AS SHOWN
- REMOVE EXISTING RUNWAY AND SHOULDER PAVEMENT AS SHOWN
- CONSTRUCT RUNWAY 24 END PAVEMENT
- CONSTRUCT PAVEMENT SUPPORT FOR EMAS

AIRFIELD IMPACTS

- RUNWAY LENGTHS AFFECTED - SEE DECLARED DISTANCES TABLE
- RUNWAY 24 REILS AND VASI TO BE TURNED OFF
- LAHSO OPERATIONS TO BE SUSPENDED FOR THE DURATION OF THIS PHASE
- LOCALIZER AND GLIDE SLOPE FOR RUNWAY 6 TO BE SHUT DOWN AND NOTAM-ED OUT OF SERVICE

- GENERAL NOTES:**
1. RUNWAY SAFETY AREA (RSA), NO ENTRY WITHOUT PRIOR PERMISSION OF THE AIRPORT.
 2. RUNWAY OBJECT FREE AREA (ROFA), NO ENTRY WITHOUT PRIOR PERMISSION OF THE AIRPORT, NO PARKED VEHICLES OR EQUIPMENT AT ANY TIME.
 3. CONTRACTOR TO PROVIDE GATE GUARD AT AIRPORT GATE AT ALL TIMES THAT CONTRACTOR IS WORKING. GATE GUARD RESPONSIBLE TO ENSURE THAT ONLY CONSTRUCTION VEHICLES ALLOWED TO ACCESS. SEE ITEM 0000195A.
 4. NO CONTRACTOR EMPLOYEE VEHICLES ARE ALLOWED TO PARK INSIDE THE AIRPORT FENCE.

REV	DATE	REVISION DESCRIPTION	SHEET NO.

DESIGNER/DRAFTER: D. PHAN
 CHECKED BY: G. D'AMICO
 SCALE IN FEET
 0 200 400
 SCALE 1" = 200'

STATE OF CONNECTICUT
 DEPARTMENT OF TRANSPORTATION

SIGNATURE/BLOCK:

PROJECT TITLE:
**RUNWAY SAFETY AREA PROJECT
 IGOR I. SIKORSKY MEMORIAL AIRPORT**

TOWN: STRATFORD
 DRAWING TITLE: PHASE 2B

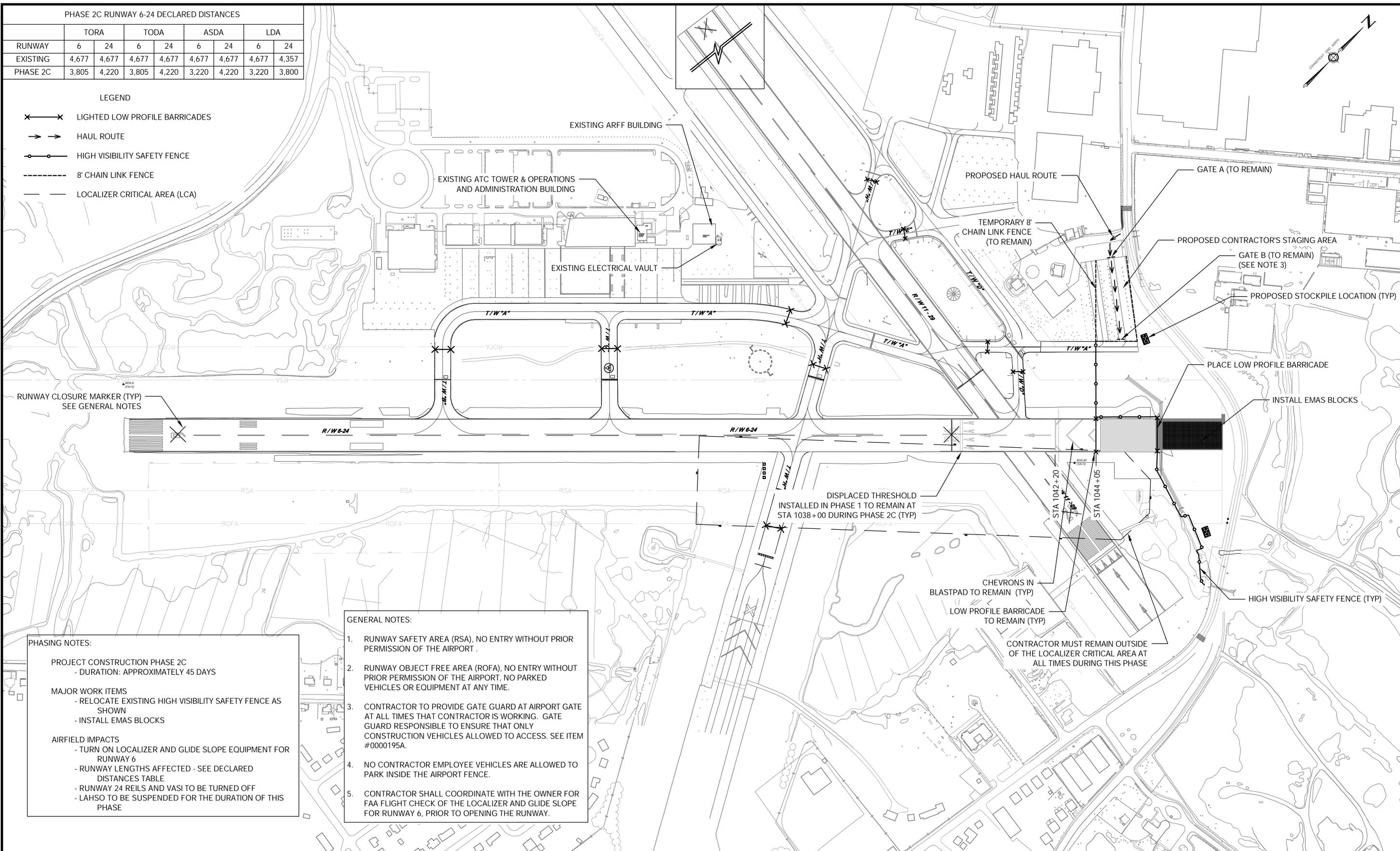
PROJECT NO. 15-336
 DRAWING NO. PHA-3.03
 SHEET NO. 03.008

PHASE 2C RUNWAY 6-24 DECLARED DISTANCES

RUNWAY	TORA		TODA		ASDA		LDA	
	6	24	6	24	6	24	6	24
EXISTING	4,677	4,677	4,677	4,677	4,677	4,677	4,677	4,357
PHASE 2C	3,805	4,220	3,805	4,220	3,220	4,220	3,220	3,800

LEGEND

- LIGHTED LOW PROFILE BARRICADES
- HAUL ROUTE
- HIGH VISIBILITY SAFETY FENCE
- 8' CHAIN LINK FENCE
- LOCALIZER CRITICAL AREA (LCA)



PHASING NOTES:

PROJECT CONSTRUCTION PHASE 2C
- DURATION: APPROXIMATELY 45 DAYS

MAJOR WORK ITEMS
- RELOCATE EXISTING HIGH VISIBILITY SAFETY FENCE AS SHOWN
- INSTALL EMAS BLOCKS

AIRFIELD IMPACTS
- TURN ON LOCALIZER AND GLIDE SLOPE EQUIPMENT FOR RUNWAY 6
- RUNWAY LENGTHS AFFECTED - SEE DECLARED DISTANCES TABLE
- RUNWAY 24 REELS AND VASI TO BE TURNED OFF
- LAHSO TO BE SUSPENDED FOR THE DURATION OF THIS PHASE

- GENERAL NOTES:**
1. RUNWAY SAFETY AREA (RSA), NO ENTRY WITHOUT PRIOR PERMISSION OF THE AIRPORT.
 2. RUNWAY OBJECT FREE AREA (ROFA), NO ENTRY WITHOUT PRIOR PERMISSION OF THE AIRPORT, NO PARKED VEHICLES OR EQUIPMENT AT ANY TIME.
 3. CONTRACTOR TO PROVIDE GATE GUARD AT AIRPORT GATE AT ALL TIMES THAT CONTRACTOR IS WORKING. GATE GUARD RESPONSIBLE TO ENSURE THAT ONLY CONSTRUCTION VEHICLES ALLOWED TO ACCESS. SEE ITEM #0000195A.
 4. NO CONTRACTOR EMPLOYEE VEHICLES ARE ALLOWED TO PARK INSIDE THE AIRPORT FENCE.
 5. CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR FAA FLIGHT CHECK OF THE LOCALIZER AND GLIDE SLOPE FOR RUNWAY 6, PRIOR TO OPENING THE RUNWAY.

REV	DATE	REVISION DESCRIPTION	SHEET NO.

DESIGNER/DRAFTER: D. PHAN
CHECKED BY: G. D'AMICO
SCALE IN FEET
0 200 400
SCALE 1"=200'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

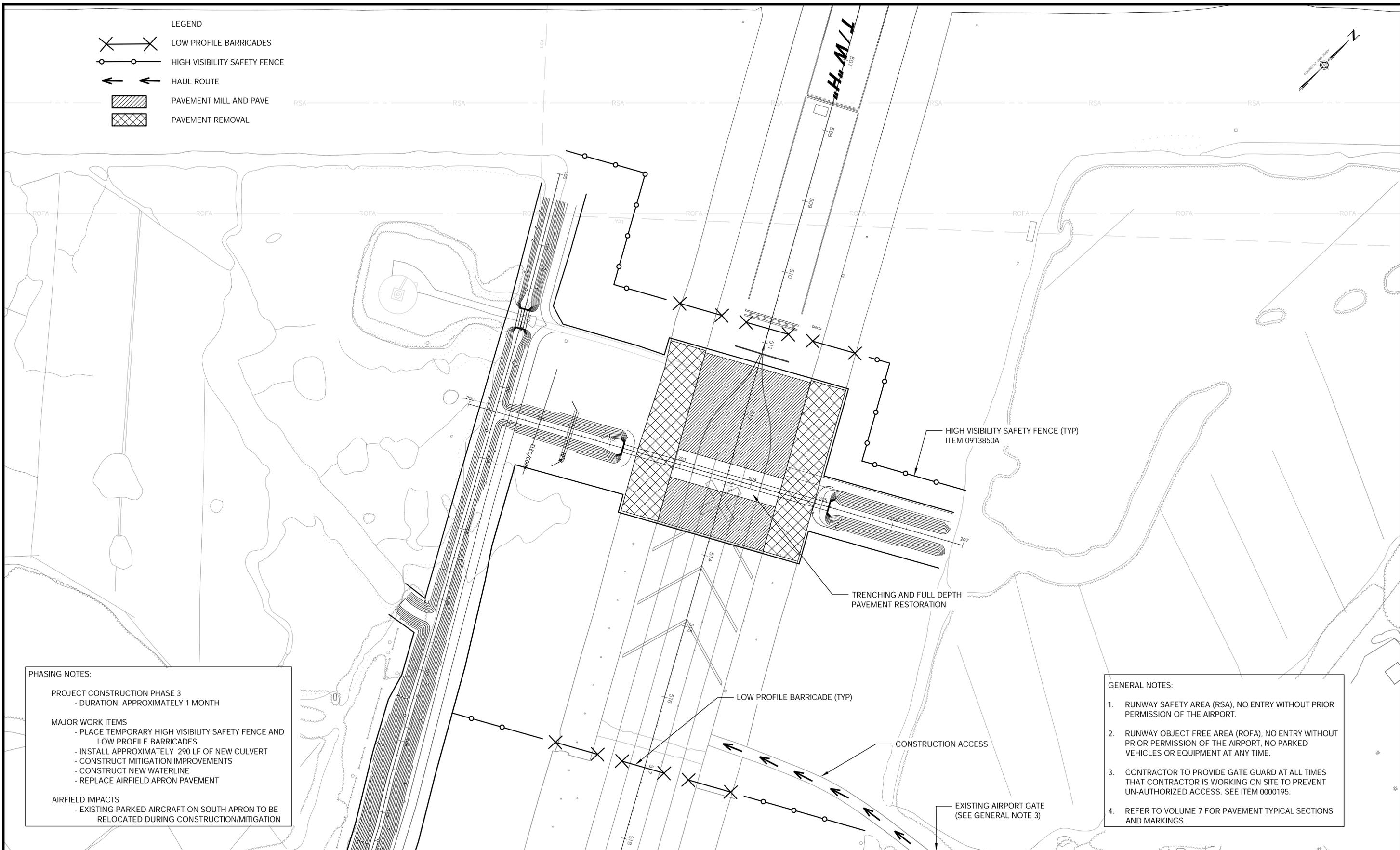
URS CORPORATION AES
500 ENTERPRISE DRIVE
ROCKY HILL, CT 06067

SIGNATURE/BLOCK:
PROJECT TITLE:
**RUNWAY SAFETY AREA PROJECT
IGOR I. SIKORSKY MEMORIAL AIRPORT**

TOWN:
STRATFORD
DRAWING TITLE:
PHASE 2C

PROJECT NO.: 15-336
DRAWING NO.: PHA-3.04
SHEET NO.: 03.009

- LEGEND
-  LOW PROFILE BARRICADES
 -  HIGH VISIBILITY SAFETY FENCE
 -  HAUL ROUTE
 -  PAVEMENT MILL AND PAVE
 -  PAVEMENT REMOVAL



PHASING NOTES:

PROJECT CONSTRUCTION PHASE 3
- DURATION: APPROXIMATELY 1 MONTH

MAJOR WORK ITEMS

- PLACE TEMPORARY HIGH VISIBILITY SAFETY FENCE AND LOW PROFILE BARRICADES
- INSTALL APPROXIMATELY 290 LF OF NEW CULVERT
- CONSTRUCT MITIGATION IMPROVEMENTS
- CONSTRUCT NEW WATERLINE
- REPLACE AIRFIELD APRON PAVEMENT

AIRFIELD IMPACTS

- EXISTING PARKED AIRCRAFT ON SOUTH APRON TO BE RELOCATED DURING CONSTRUCTION/MITIGATION

GENERAL NOTES:

1. RUNWAY SAFETY AREA (RSA), NO ENTRY WITHOUT PRIOR PERMISSION OF THE AIRPORT.
2. RUNWAY OBJECT FREE AREA (ROFA), NO ENTRY WITHOUT PRIOR PERMISSION OF THE AIRPORT, NO PARKED VEHICLES OR EQUIPMENT AT ANY TIME.
3. CONTRACTOR TO PROVIDE GATE GUARD AT ALL TIMES THAT CONTRACTOR IS WORKING ON SITE TO PREVENT UN-AUTHORIZED ACCESS. SEE ITEM 0000195.
4. REFER TO VOLUME 7 FOR PAVEMENT TYPICAL SECTIONS AND MARKINGS.

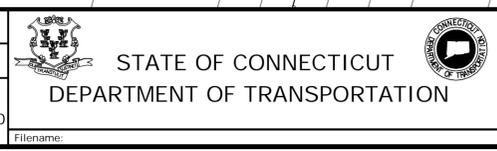
REV	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted: 11/11/2013

DESIGNER/DRAFTER:
D. PHAN

CHECKED BY:
G. D'AMICO

SCALE IN FEET
0 60 120
SCALE 1" = 60'



SIGNATURE/BLOCK:

IGOR I. SIKORSKY
PROFESSIONAL ENGINEER

PROJECT TITLE:
**RUNWAY SAFETY AREA PROJECT
IGOR I. SIKORSKY MEMORIAL AIRPORT**

TOWN:
STRATFORD

DRAWING TITLE:
PHASE 3

PROJECT NO.
15-336

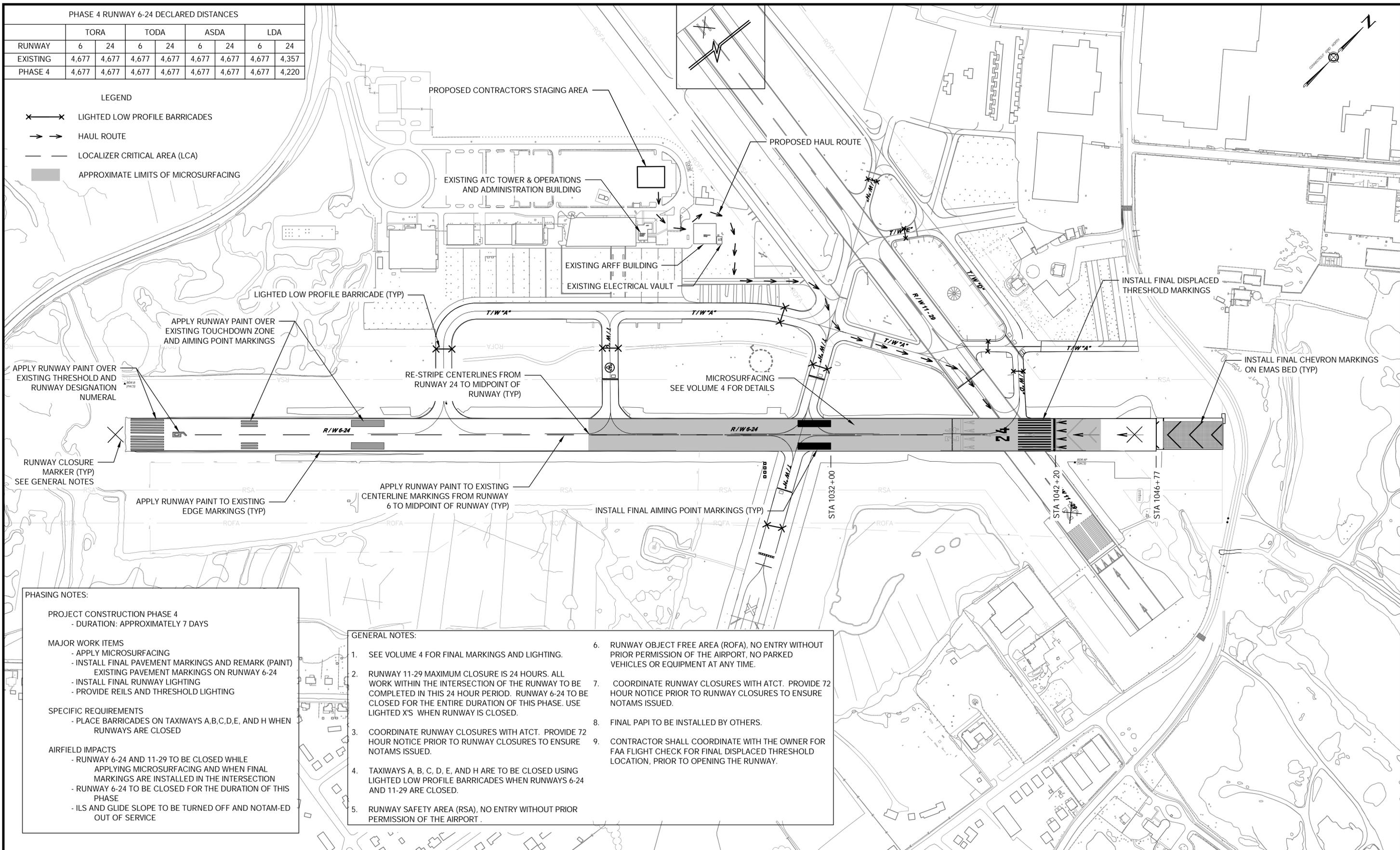
DRAWING NO.
PHA-3.05

SHEET NO.
03.010

PHASE 4 RUNWAY 6-24 DECLARED DISTANCES								
RUNWAY	TORA		TODA		ASDA		LDA	
	6	24	6	24	6	24	6	24
EXISTING	4,677	4,677	4,677	4,677	4,677	4,677	4,677	4,357
PHASE 4	4,677	4,677	4,677	4,677	4,677	4,677	4,677	4,220

LEGEND

- LIGHTED LOW PROFILE BARRICADES
- HAUL ROUTE
- LOCALIZER CRITICAL AREA (LCA)
- APPROXIMATE LIMITS OF MICROSURFACING



PHASING NOTES:

PROJECT CONSTRUCTION PHASE 4
- DURATION: APPROXIMATELY 7 DAYS

MAJOR WORK ITEMS

- APPLY MICROSURFACING
- INSTALL FINAL PAVEMENT MARKINGS AND REMARK (PAINT) EXISTING PAVEMENT MARKINGS ON RUNWAY 6-24
- INSTALL FINAL RUNWAY LIGHTING
- PROVIDE REILS AND THRESHOLD LIGHTING

SPECIFIC REQUIREMENTS

- PLACE BARRICADES ON TAXIWAYS A,B,C,D,E, AND H WHEN RUNWAYS ARE CLOSED

AIRFIELD IMPACTS

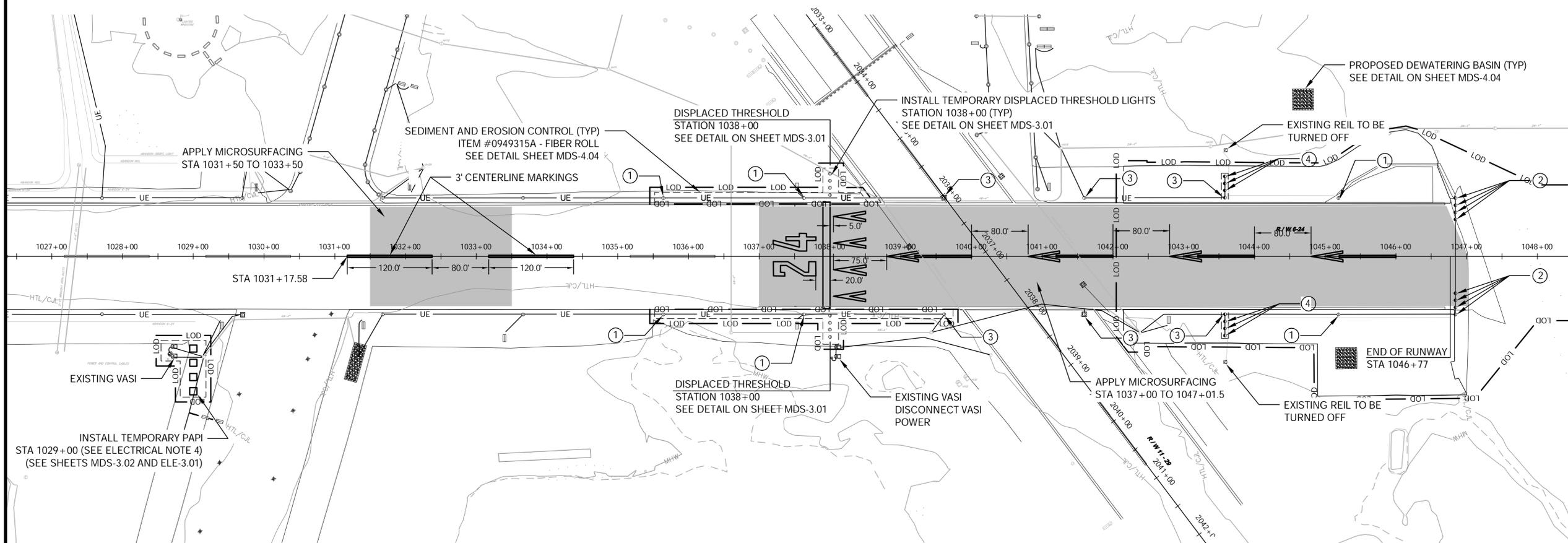
- RUNWAY 6-24 AND 11-29 TO BE CLOSED WHILE APPLYING MICROSURFACING AND WHEN FINAL MARKINGS ARE INSTALLED IN THE INTERSECTION
- RUNWAY 6-24 TO BE CLOSED FOR THE DURATION OF THIS PHASE
- ILS AND GLIDE SLOPE TO BE TURNED OFF AND NOTAM-ED OUT OF SERVICE

- GENERAL NOTES:**
1. SEE VOLUME 4 FOR FINAL MARKINGS AND LIGHTING.
 2. RUNWAY 11-29 MAXIMUM CLOSURE IS 24 HOURS. ALL WORK WITHIN THE INTERSECTION OF THE RUNWAY TO BE COMPLETED IN THIS 24 HOUR PERIOD. RUNWAY 6-24 TO BE CLOSED FOR THE ENTIRE DURATION OF THIS PHASE. USE LIGHTED X'S WHEN RUNWAY IS CLOSED.
 3. COORDINATE RUNWAY CLOSURES WITH ATCT. PROVIDE 72 HOUR NOTICE PRIOR TO RUNWAY CLOSURES TO ENSURE NOTAMS ISSUED.
 4. TAXIWAYS A, B, C, D, E, AND H ARE TO BE CLOSED USING LIGHTED LOW PROFILE BARRICADES WHEN RUNWAYS 6-24 AND 11-29 ARE CLOSED.
 5. RUNWAY SAFETY AREA (RSA), NO ENTRY WITHOUT PRIOR PERMISSION OF THE AIRPORT.
 6. RUNWAY OBJECT FREE AREA (ROFA), NO ENTRY WITHOUT PRIOR PERMISSION OF THE AIRPORT, NO PARKED VEHICLES OR EQUIPMENT AT ANY TIME.
 7. COORDINATE RUNWAY CLOSURES WITH ATCT. PROVIDE 72 HOUR NOTICE PRIOR TO RUNWAY CLOSURES TO ENSURE NOTAMS ISSUED.
 8. FINAL PAPI TO BE INSTALLED BY OTHERS.
 9. CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR FAA FLIGHT CHECK FOR FINAL DISPLACED THRESHOLD LOCATION, PRIOR TO OPENING THE RUNWAY.

<p>DESIGNER/DRAFTER: D. PHAN</p> <p>CHECKED BY: G. D'AMICO</p> <p>SCALE IN FEET</p> <p>0 200 400</p> <p>SCALE 1" = 200'</p>	<p>STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION</p>	<p>SIGNATURE/BLOCK:</p> <p>IGOR I. SIKORSKY PROFESSIONAL ENGINEER No. 16888 EXPIRES 12/31/2018</p>	<p>PROJECT TITLE:</p> <p>RUNWAY SAFETY AREA PROJECT IGOR I. SIKORSKY MEMORIAL AIRPORT</p>	<p>TOWN:</p> <p>STRATFORD</p>	<p>DRAWING TITLE:</p> <p>PHASE 4</p>	<p>PROJECT NO. 15-336</p> <p>DRAWING NO. PHA-3.06</p> <p>SHEET NO. 03.011</p>								
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REV.	DATE	REVISION DESCRIPTION	SHEET NO.											

LEGEND

- TIDAL VEGETATION
- LCSTV ----- LCSTV ----- LCSTV ----- LANDS CAPABLE OF SUPPORTING TIDAL VEGETATION
- HTL/C.J.L ----- HTL/C.J.L ----- HTL/C.J.L ----- HIGH TIDE LINE/COASTAL JURISDICTIONAL LINE (ELEV. 5.9 FT.)
- MHW ----- MHW ----- MHW ----- MEAN HIGH WATER (ELEV. 4.24 FT.)
- LOD ----- LOD ----- LIMITS OF DISTURBANCE
- SEDIMENT AND EROSION CONTROL



- ① EXISTING EDGE LIGHT AND LENS COLORS TO REMAIN
- ② THRESHOLD LIGHT LENS TO EMIT RED IN BOTH DIRECTIONS (360°)
- ③ RUNWAY EDGE LIGHT LENS TO EMIT RED IN THE DIRECTION OF THE 24 APPROACH AND YELLOW IN THE REVERSE DIRECTION (180° RED/180° YELLOW)
- ④ REMOVE EXISTING RUNWAY THRESHOLD LIGHTS - SPLICE CABLES AS NECESSARY TO MAINTAIN CIRCUIT

TEMPORARY DISPLACED THRESHOLD MARKINGS AND LIGHTING - PHASE 1

- INSTALL MICROSURFACING (SEAL COAT) TO OBLITERATE EXISTING PAVEMENT MARKINGS
- PLACE NEW ARROWS, CHEVRONS, DISPLACED THRESHOLD BAR, NUMERALS, AND CENTERLINE STRIPES
- INSTALL 8 TEMPORARY THRESHOLD LIGHTS (STA 1038+00)
- CHANGE RUNWAY EDGE LIGHT LENS AS SHOWN
- INSTALL TEMPORARY PAPI (STA 1029+00)

PAVEMENT MARKING NOTES:

1. APPLY MICROSURFACING (SEAL COAT) APPROXIMATELY 140' WIDE TO LIMIT SHOWN ON PLANS OR DIRECTED BY THE ENGINEER TO OBLITERATE EXISTING PAVEMENT MARKINGS.
2. MICROSURFACING TO BE PAID FOR UNDER ITEM 0406900A.
3. SEE SHEET MDS-4.05 FOR PAVEMENT MARKING DETAILS.
4. APPLY TEMPORARY PAVEMENT MARKINGS TO ALL PAVEMENT MARKINGS PROPOSED WITHIN THE MICROSURFACING AREA. TEMPORARY MARKINGS TO BE INSTALLED IMMEDIATELY. FINAL MARKINGS SHALL BE INSTALLED NO SOONER THAN 28 DAYS AFTER MICROSURFACING APPLICATION.
5. TEMPORARY PAVEMENT MARKINGS TO BE PAID FOR UNDER 0000620A.
6. FINAL PAVEMENT MARKINGS TO BE PAID FOR UNDER ITEM 0000621A.

ELECTRICAL NOTES:

1. INSTALLATION OF TEMPORARY DISPLACED THRESHOLD LIGHTS (L-862E) TO BE PAID FOR UNDER ITEM 0000432A - TEMPORARY ELEVATED RUNWAY THRESHOLD LIGHT.
2. REMOVAL OF EXISTING THRESHOLD LIGHTS TO BE PAID UNDER ITEM 0000425A - REMOVE THRESHOLD LIGHT.
3. SPLICE CABLES AS NECESSARY TO MAINTAIN RUNWAY CIRCUIT.
4. CONNECT PAPI TO INCOMING VASI POWER CABLES AND DISCONNECT VASI
5. CONTRACTOR TO CHANGE HIRL LIGHT LENSES ON FIXTURES AS DIRECTED. COST IS INCIDENTAL TO ITEM 0000407A - L-862E ELEVATED RUNWAY THRESHOLD LIGHT.

EROSION CONTROL NOTES:

1. RESTORE ALL DISTURBED AREAS WITH TOPSOIL, SEED AND MULCH:
 - ITEM 0000905A - TOPSOILING
 - ITEM 0000901A - SEEDING
 - ITEM 0000908A - MULCHING
2. DEWATERING FOR TRENCHING OPERATIONS AND STRUCTURE INSTALLATION SHALL BE PERFORMED BY A PUMP DISCHARGING INTO A GEOTEXTILE SEDIMENT CONTROL BAG OR TYPE 1 SETTLING BASIN. EXACT LOCATIONS AND SIZES SHALL BE DETERMINED IN THE FIELD, BUT SHALL BE LOCATED WITHIN THE PROJECT'S LIMIT OF DISTURBANCE, AND OUTSIDE THE HIGH TIDE LINE/COASTAL JURISDICTIONAL LINE.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted: 02/04/2014

DESIGNER/DRAFTER:
D. PHAN

CHECKED BY:
G. D'AMICO

SCALE IN FEET
0 80 160
SCALE 1"=80'



SIGNATURE/BLOCK:

URS CORPORATION AES
500 ENTERPRISE DRIVE
ROCKY HILL, CT 06867

PROJECT TITLE:
**RUNWAY SAFETY AREA PROJECT
IGOR I. SIKORSKY MEMORIAL AIRPORT**

TOWN:
STRATFORD

DRAWING TITLE:
**TEMPORARY RUNWAY MARKING
AND ELECTRICAL PLAN 1**

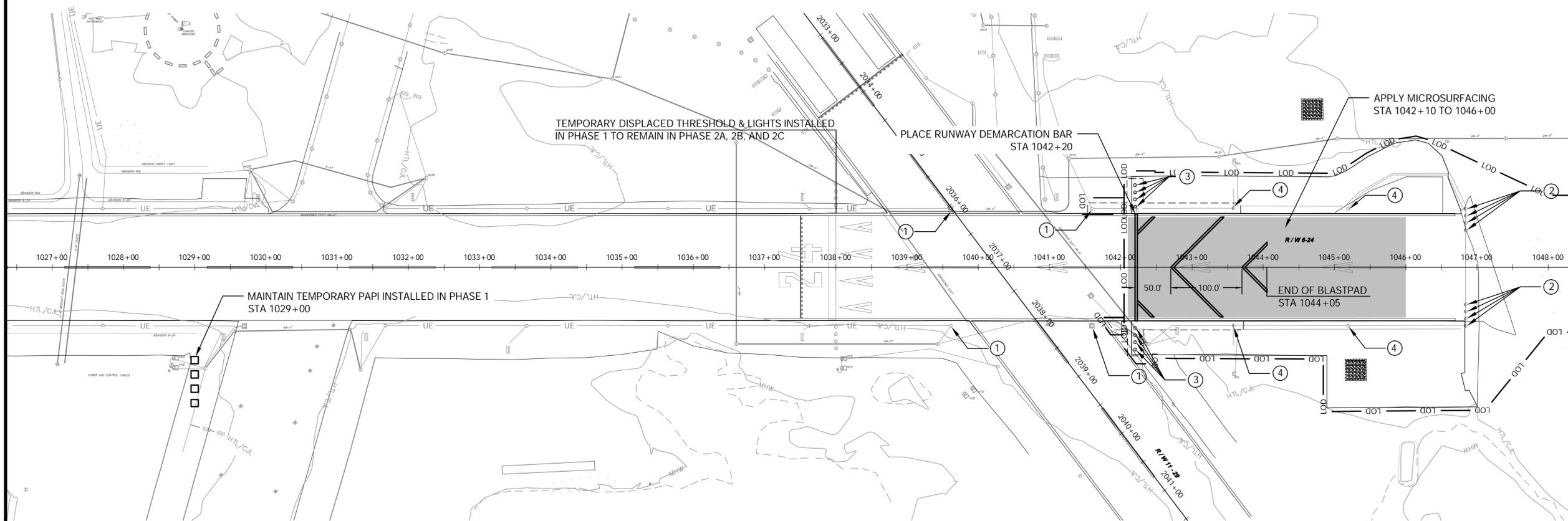
PROJECT NO.
15-336

DRAWING NO.
PVT-3.01

SHEET NO.
03.012

LEGEND

- TIDAL VEGETATION
- LCSTV ----- LCSTV ----- LCSTV ----- LANDS CAPABLE OF SUPPORTING TIDAL VEGETATION
- HTL/CJL ----- HTL/CJL ----- HTL/CJL ----- HIGH TIDE LINE/COASTAL JURISDICTIONAL LINE (ELEV. 5.9 FT.)
- MHW ----- MHW ----- MHW ----- MEAN HIGH WATER (ELEV. 4.24 FT.)
- LOD ----- LOD ----- LOD ----- LIMITS OF DISTURBANCE
- SEDIMENT AND EROSION CONTROL



- ① EXISTING EDGE LIGHT AND LENS COLORS TO REMAIN
- ② REMOVE EXISTING THRESHOLD LIGHTS
- ③ INSTALL NEW THRESHOLD LIGHTS AT STA 1042+20, SEE DETAIL ON SHEET MDS-3.01. LENS TO EMIT RED IN BOTH DIRECTIONS (360°)
- ④ REMOVE OR BLANK OUT EXISTING RUNWAY EDGE LIGHT

TEMPORARY RELOCATED THRESHOLD MARKINGS AND LIGHTING - PHASE 2A, 2B, AND 2C

- INSTALL MICROSURFACING (SEAL COAT) TO OBLITERATE EXISTING PAVEMENT MARKINGS
- PLACE NEW RUNWAY DEMARCATION BAR AND CHEVRONS
- INSTALL THRESHOLD LIGHTS AT STATION 1042+20

PAVEMENT MARKING NOTES:

1. APPLY MICROSURFACING (SEAL COAT) APPROXIMATELY 140' WIDE TO LIMIT SHOWN ON PLAN OR DIRECTED BY THE ENGINEER TO OBLITERATE EXISTING PAVEMENT MARKINGS.
2. MICROSURFACING TO BE PAID FOR UNDER ITEM 0406900A.
3. SEE SHEET MDS-4.05 FOR PAVEMENT MARKING DETAILS.
4. APPLY TEMPORARY PAVEMENT MARKINGS TO ALL PAVEMENT MARKINGS PROPOSED WITHIN THE MICROSURFACING AREA. TEMPORARY MARKINGS TO BE INSTALLED IMMEDIATELY. FINAL MARKINGS SHALL BE INSTALLED NO SOONER THAN 28 DAYS AFTER MICROSURFACING APPLICATION.
5. TEMPORARY PAVEMENT MARKINGS TO BE PAID FOR UNDER ITEM 0000620A.
6. FINAL PAVEMENT MARKINGS TO BE PAID FOR UNDER ITEM 0000621A.

ELECTRICAL NOTES:

1. INSTALLATION OF NEW THRESHOLD LIGHTS (L-862E) TO BE PAID FOR UNDER ITEM 0000407A - L-862E ELEVATED RUNWAY THRESHOLD LIGHT.
2. REMOVAL OF EXISTING THRESHOLD LIGHTS TO BE PAID UNDER ITEM 0000425A - REMOVE THRESHOLD LIGHT.
3. SPLICE CABLES AS NECESSARY TO MAINTAIN RUNWAY CIRCUIT.
4. MODIFY RUNWAY EDGE LIGHTS FROM STA 1022+00 TO 1027+00 TO EMIT WHITE IN THE DIRECTION OF THE 24 APPROACH AND YELLOW IN THE REVERSE DIRECTION (180° WHITE/180° YELLOW).
5. CONTRACTOR TO CHANGE HIRL LIGHT LENSES ON FIXTURES AS DIRECTED. COST IS INCIDENTAL TO ITEM 0000407A - L-862E ELEVATED RUNWAY THRESHOLD LIGHT.

EROSION CONTROL NOTES:

1. RESTORE ALL DISTURBED AREAS WITH TOPSOIL, SEED AND MULCH:
ITEM 0000905A - TOPSOILING
ITEM 0000901A - SEEDING
ITEM 0000908A - MULCHING
2. DEWATERING FOR TRENCHING OPERATIONS AND STRUCTURE INSTALLATION SHALL BE PERFORMED BY A PUMP DISCHARGING INTO A GEOTEXTILE SEDIMENT CONTROL BAG OR TYPE 1 SETTLING BASIN. EXACT LOCATIONS AND SIZES SHALL BE DETERMINED IN THE FIELD, BUT SHALL BE LOCATED WITHIN THE PROJECT'S LIMIT OF DISTURBANCE, AND OUTSIDE THE HIGH TIDE LINE/COASTAL JURISDICTIONAL LINE.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

Plotted: 02/04/2014

DESIGNER/DRAFTER:
D. PHAN

CHECKED BY:
G. D'AMICO

SCALE IN FEET
0 80 160
SCALE 1"=80'

STATE OF CONNECTICUT
 DEPARTMENT OF TRANSPORTATION

SIGNATURE/BLOCK:

PROJECT TITLE:
RUNWAY SAFETY AREA PROJECT
IGOR I. SIKORSKY MEMORIAL AIRPORT

TOWN:
STRATFORD

DRAWING TITLE:
TEMPORARY RUNWAY MARKING AND ELECTRICAL PLAN 2

PROJECT NO.
15-336

DRAWING NO.
PVT-3.02

SHEET NO.
03.013

