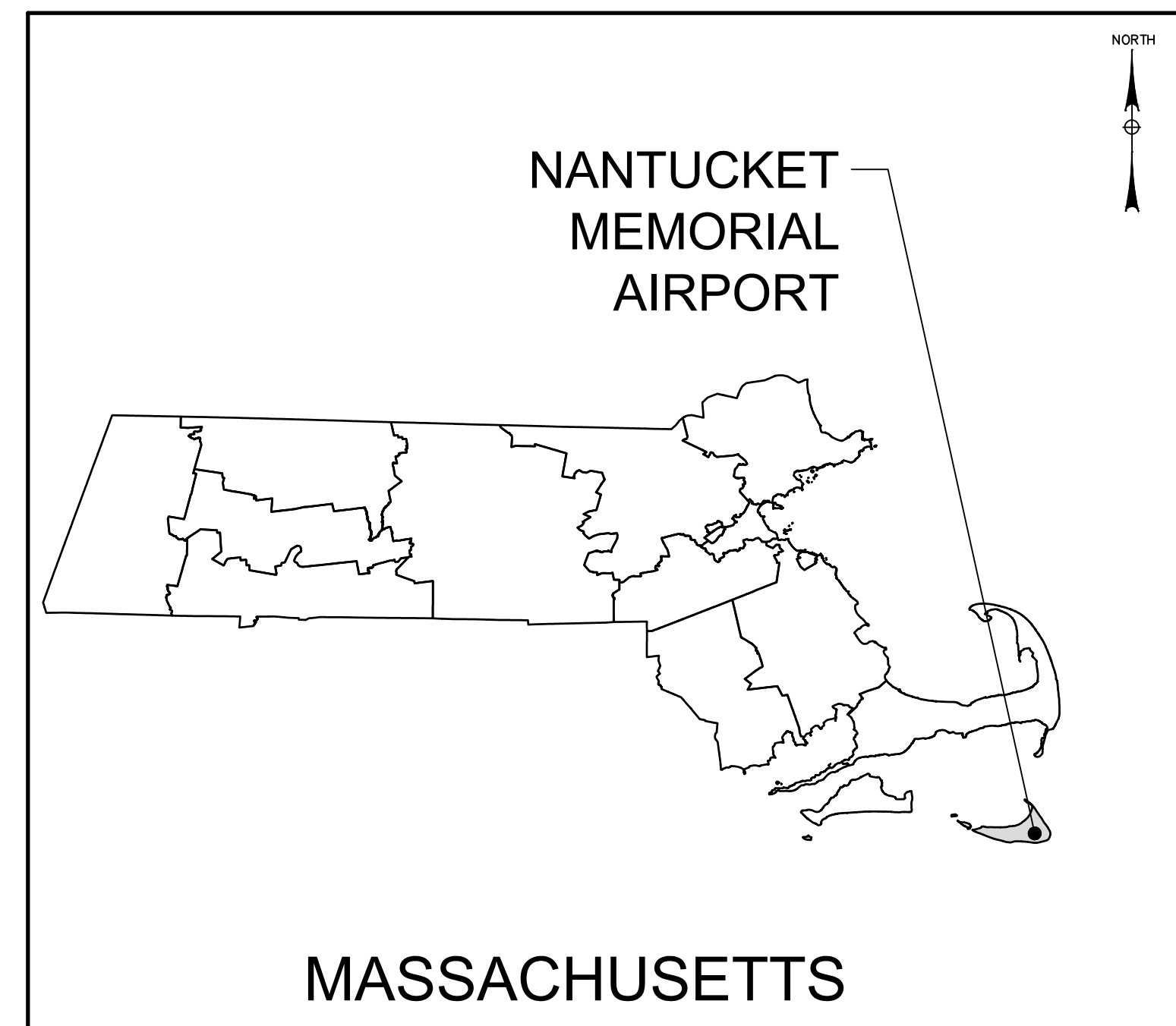


NANTUCKET MEMORIAL AIRPORT

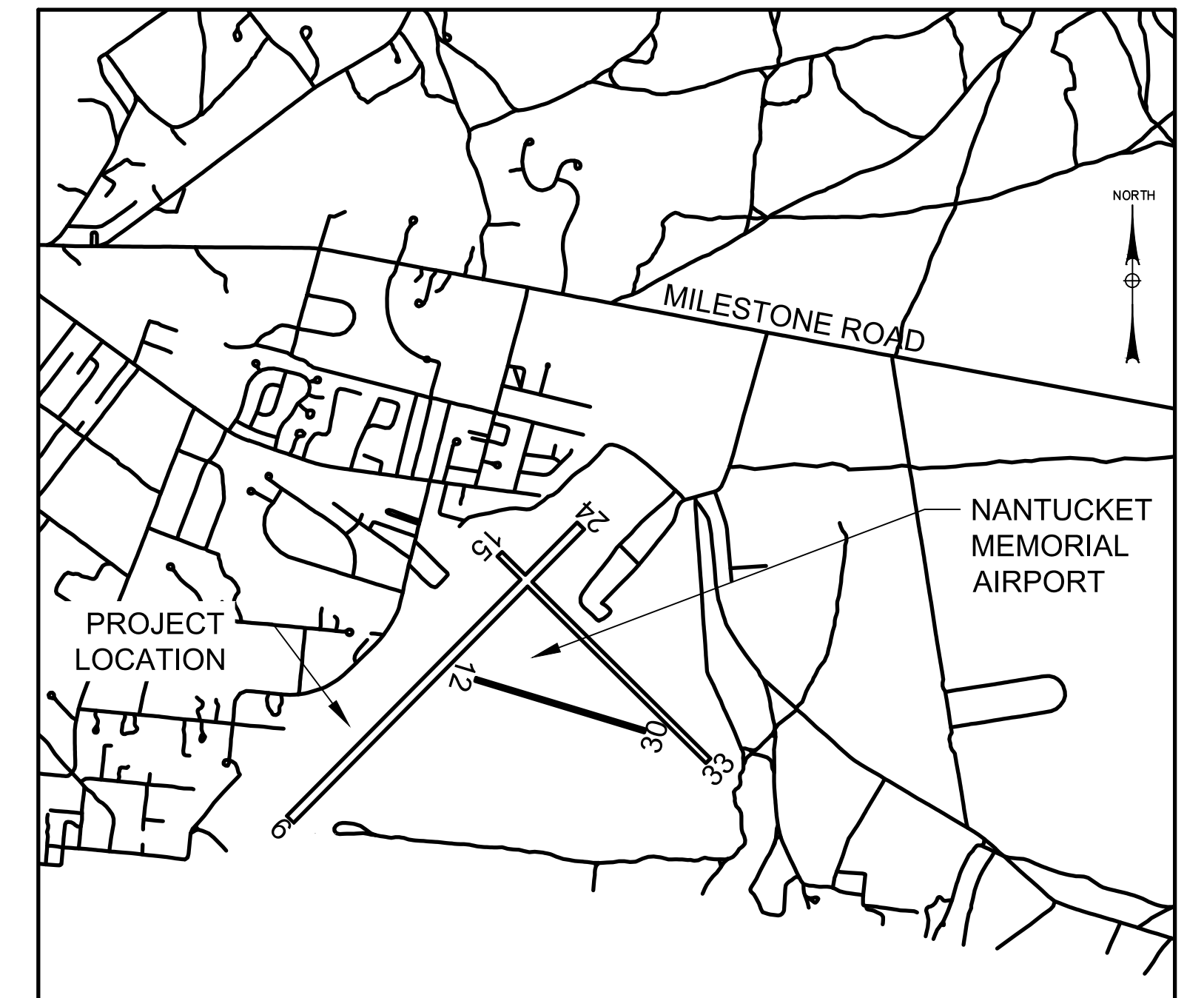
SOUTH APRON SOUND BARRIER



LOCATION MAP

BID DOCUMENTS APRIL 2025

NANTUCKET NANTUCKET COUNTY NANTUCKET, MASSACHUSETTS



VICINITY MAP

PREPARED FOR:



NANTUCKET MEMORIAL AIRPORT
14 AIRPORT ROAD
NANTUCKET, MASSACHUSETTS
(508) 325-5300
WWW.NANTUCKET-MA.GOV

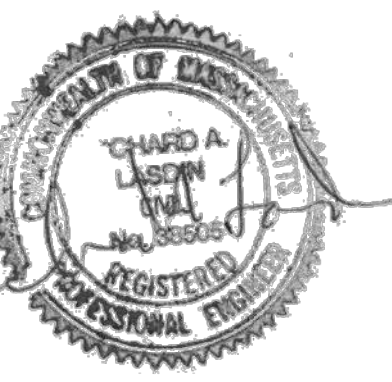
PREPARED BY:



125 NAGOG PARK SUITE 220
ACTON, MASSACHUSETTS 01720

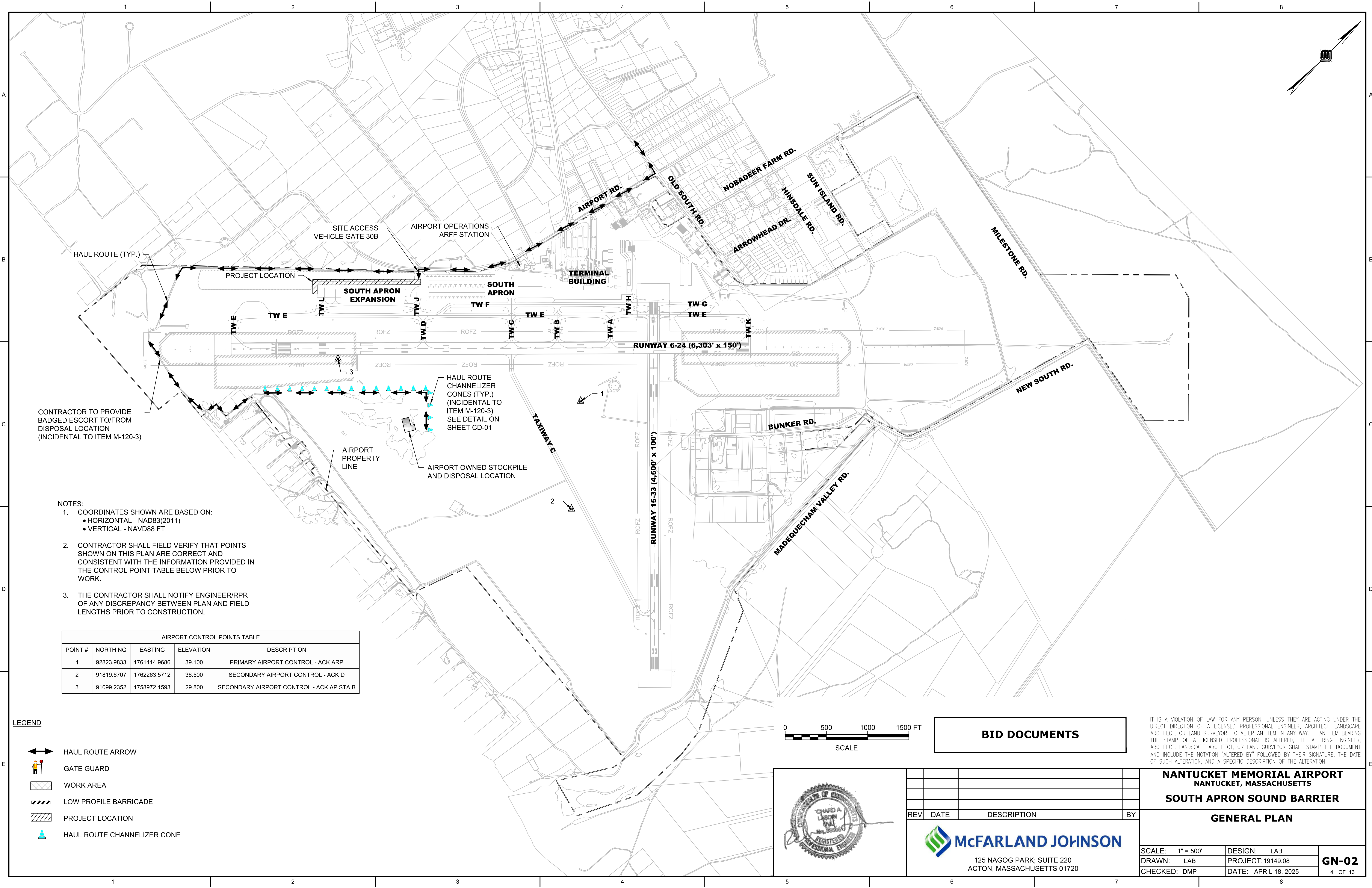
MJ PROJECT NO.: 19149.08

SEALED	RICHARD A. LASDIN
PE_NO	38505
PE_DATE	APRIL 18, 2025



IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

	1	2	3	4	5	6	7	8
A	GENERAL NOTES:		4.4	DEVIATIONS FROM THE CSPP WILL REQUIRE A REVISION TO THE CSPP SUBJECT TO THE ENGINEER/RPR AND OWNERS APPROVAL. THE CONTRACTOR IS ADVISED THAT APPROVALS FROM THE OWNER AND ENGINEER WITH REGARD TO CSPP REVISIONS CAN TAKE A SIGNIFICANT AMOUNT OF TIME WHICH MAY EFFECT THE PROJECT SCHEDULE. IF A REVISION TO THE CSPP IS REQUESTED BY THE CONTRACTOR, NO ADDITIONAL COMPENSATION WILL BE PROVIDED.	9.2	ANY EXISTING PAVEMENTS USED FOR HAUL ROUTES SHALL BE VIDEOED AND INSPECTED BY THE CONTRACTOR TO DOCUMENT PRE-CONSTRUCTION CONDITION. ALL IMPROVEMENTS TO PAVED SURFACE AND RESTORATION OF THE PAVED SURFACE TO EQUAL OR BETTER CONDITION SHALL BE MADE AT NO ADDITIONAL COST TO THE OWNER.	13. CONTRACTOR QUALITY CONTROL.	
	1. CONTRACT DOCUMENTS		4.5	WHEN EQUIPMENT IS NOT ACTIVELY IN USE, IT SHALL BE RETURNED TO THE CONSTRUCTION STAGING AREA OR PARK IN AN AREA(S) APPROVED BY AIRPORT OPERATIONS AND THE RPR. ALL BOOMS SHALL BE LOWERED.	9.3	THE CONTRACTOR SHALL DELINEATE ALL HAUL ROUTES WITH ANCHORED CHANNELIZER CONE OR OTHER MEANS THAT IS ACCEPTABLE TO THE RPR AT NO ADDITIONAL COST TO THE OWNER.	13.1 THE CONTRACTOR SHALL ESTABLISH A QUALITY CONTROL PROGRAM TO PERFORM INSPECTION AND TESTING OF ALL ITEMS OF WORK REQUIRED BY TECHNICAL SPECIFICATIONS, INCLUDING THOSE PERFORMED BY THE SUBCONTRACTORS. THIS QUALITY CONTROL PROGRAM SHALL ENSURE CONFORMANCE TO APPLICABLE SPECIFICATION AND PLANS WITH RESPECT TO MATERIALS, WORKMANSHIP, CONSTRUCTION, FINISH, AND FUNCTIONAL PERFORMANCE. THE QUALITY CONTROL PROGRAM SHALL BE EFFECTIVE FOR CONTROL OF ALL CONSTRUCTION WORK PERFORMED UNDER THIS CONTRACT AND SHALL SPECIFICALLY INCLUDE SURVEILLANCE AND TESTS REQUIRED BY THE TECHNICAL SPECIFICATIONS, IN ADDITION TO OTHER REQUIREMENTS OF THIS SECTION AND ANY OTHER ACTIVITIES DEEMED NECESSARY BY THE CONTRACTOR TO ESTABLISH AN EFFECTIVE LEVEL OF QUALITY CONTROL.	
	<ul style="list-style-type: none">• TABLE OF CONTENTS;• INVITATION TO BID;• INSTRUCTIONS TO BIDDERS;• BID PROPOSAL (WRITTEN SAMPLE PROPOSAL & BID DOC ONLINE VERSIONS);• BID BOND;• AWARD OF CONTRACT AND EXECUTION OF CONTRACT BONDS;• CONTRACT AGREEMENT;• PERFORMANCE BOND;• PAYMENT BOND;• NOTICE OF AWARD;• NOTICE TO PROCEED;• CONTRACTOR'S GUARANTY;• SPECIAL PROVISIONS;• FAA - GENERAL PROVISIONS;• TECHNICAL SPECIFICATIONS;• PLANS;• ADDENDUMS; and• AND OTHER DOCUMENTS AS REFERENCED IN THE GENERAL PROVISIONS.		4.6	ALL CONTRACTOR VEHICLES SHALL HAVE THE COMPANY IDENTIFICATION PLAINLY VISIBLE ON BOTH SIDES OF THE VEHICLE IN ORDER TO IDENTIFY THE VEHICLE AND A UNIQUE AND VISIBLE IDENTIFICATION NUMBER OR LETTER.	9.4	THE CONTRACTOR SHALL PROVIDE IF REQUIRED BY THE RPR, ANY REQUIRED TRAFFIC CONTROL DEVICES INCLUDING BUT NOT LIMITED TO; STOP SIGNS, CONSTRUCTION ENTRANCE SIGN, INFORMATIONAL SIGN, SPEED LIMIT SIGN AND OTHER AT NO ADDITIONAL COST TO THE OWNER.	14. DISPOSAL OF SURPLUS EXCAVATED SOILS	
			4.7	EACH CONTRACTOR'S MOTORIZED EQUIPMENT/VEHICLE OPERATING WITHIN THE AIRPORT SECURED AREA OR IN THE VICINITY OF AN ACTIVE RUNWAY APPROACH SHALL BE EQUIPPED WITH AN AMBER FLASHING LIGHT AND/OR A THREE FOOT (3') SQUARE FLAG CONSISTING OF INTERNATIONAL ORANGE AND WHITE SQUARES NOT LESS THAN ONE FOOT (1') DISPLAYED IN FULL VIEW ABOVE THE VEHICLE. ALL VEHICLES SHALL HAVE RELIABLE TWO-WAY RADIO COMMUNICATION.	9.5	UNLESS OTHERWISE SPECIFIED ON THE PLANS THE SPEED LIMIT FOR THE PERIMETER ROAD IS 15 MPH MAXIMUM, THE SPEED LIMIT FOR THE EXISTING SOUTH APRON IS 15 MPH MAXIMUM, AND THE SPEED LIMIT IN CONGESTED AREAS IS 5 MPH MAXIMUM.	14.1 ALL UNSUITABLE EXCAVATION MATERIAL, ALL UTILITY (WATER, SEWER, TEL/DATA, & DRAINAGE) STRUCTURES AND PIPES, ALL BITUMINOUS CONCRETE PAVEMENT, ALL PORTLAND CEMENT CONCRETE PAVEMENT, AND ALL CONDUIT AND ELECTRICAL WIRE SHALL BE LEGALLY DISPOSED OF BY THE CONTRACTOR ON AIRPORT PROPERTY AS DIRECTED BY THE OWNER AND THE ENGINEER/RPR. CONTRACTOR SHALL CONFIRM WITH ENGINEER/RPR AND OWNER PRIOR TO DISPOSAL OF ANY SUITABLE EXCAVATED MATERIAL	
B			4.8	THE CONTRACTOR SHALL PROVIDE TWO (2) POINTS OF CONTACT TO THE AIRPORT AND RESIDENT PROJECT REPRESENTATIVE (RPR) THAT CAN BE CONTACTED AT ANY TIME (24/7) AND ARE AUTHORIZED TO UNDERTAKE IMMEDIATE ACTION ON AIRPORT OPERATION SAFETY CONCERNS THAT ARE RELATED TO CONSTRUCTION ACTIVITY.	9.6	ALL VEHICLES EITHER ENTERING OR EXITING THE WORK SITE SHALL BE INSPECTED AND CLEANED/CLEARED OF FOREIGN OBJECT DEBRIS (FOD). IF REQUIRED, THE CONTRACTOR SHALL CONSTRUCT A STABILIZED CONSTRUCTION ENTRANCE AS DETAILED ON THE PLANS.	14.2 SUITABLE EXCAVATED MATERIAL AND ASPHALT MILLINGS SHALL BE UTILIZED ON SITE OR DISPOSED OF BY THE CONTRACTOR AT A LOCATION AS DIRECTED BY THE OWNER AND THE ENGINEER/RPR IN DESIGNATED DISPOSAL SITES ON AIRPORT PROPERTY. THE HEIGHTS OF PILES SHALL NOT PENETRATE ANY PROTECTED AIR SPACE. SEPARATE DISPOSAL SITES WILL BE MADE AVAILABLE FOR SURPLUS MATERIAL CONTAINING ELEVATED LEVELS OF PFAS AND LOW LEVELS OF PFAS. PFAS TESTING AND DETERMINATION OF PFAS LEVELS WILL BE PERFORMED BY OTHERS. DISPOSING OF SURPLUS SUITABLE MATERIAL IN DISPOSAL SITES SHALL BE CONSIDERED INCIDENTAL TO THE EXCAVATION OF THE MATERIAL. CONTRACTOR SHALL CONFIRM WITH THE ENGINEER/RPR AND OWNER PRIOR TO DISPOSAL OF ANY SUITABLE EXCAVATED MATERIAL.	
			4.9	THERE SHALL BE NO SMOKING WITHIN THE SECURED AIRPORT AREA.	9.7	THE CONTRACTOR SHALL HAVE A WORKING POWER VACUUM SWEEPER ON THE SITE AT ALL TIMES TO SWEEP PAVEMENTS IN THE WORK AREAS AND HAUL ROUTES TO CONTINUALLY REMOVE FOD AND MATERIAL SPILLAGE. WHEN DIRECTED BY THE RPR, VACUUM SWEEPING SHALL COMMENCE WITHIN THIRTY (30) MINUTES. THE POWER VACUUM SWEEPER AND OPERATOR SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.	14.3 THE CONTRACTOR SHALL OBTAIN ALL PERMITS AND PAY ALL FEES REQUIRED FOR THE DISPOSAL OF UNSUITABLE MATERIALS OFF AIRPORT PROPERTY AT NO ADDITIONAL COST TO THE OWNER. AT THE OWNERS OR RPR REQUEST, COPIES OF DOCUMENTATION DETAILING THE LAWFUL DISPOSAL OF MATERIALS OFF AIRPORT PROPERTY SHALL BE PROVIDED.	
			5. EROSION CONTROL MEASURES		9.8	IF REQUIRED BY THE RPR, THE CONTRACTOR SHALL HAVE ON SITE A WATER TRUCK FOR THE PURPOSE OF CONTROLLING DUST ON HAUL ROUTES. THE CONTRACTOR SHALL TAKE A PREVENTIVE APPROACH TO PREVENTING DUST BY KEEPING HAUL ROUTES MOIST AT ALL TIMES. WHEN DIRECTED BY THE RPR, DUST CONTROL MITIGATION SHALL COMMENCE WITHIN THIRTY (30) MINUTES. DUST CONTROL SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND BE PROVIDED AT NO ADDITIONAL COST.	15. ENVIRONMENTAL PROTECTIONS AND REQUIREMENTS.	
			5.1	THE CONTRACTOR SHALL INSTALL ALL TEMPORARY EROSION CONTROL MEASURES IN ACCORDANCE WITH THE CONTRACT PLANS, APPLICABLE MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES, BEST MANAGEMENT PRACTICES AND THE CSPP.	9.9	WHERE PUBLIC ROADS ARE USED FOR HAUL ROUTES THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED, COMPLY WITH ALL LAWS, RULES, REGULATIONS AND ORDINANCES AS APPLICABLE AT NO ADDITIONAL COST TO THE OWNER.	15.1 THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS, REGULATIONS AND ORDINANCES IN REGARD TO THE PROTECTION OF THE ENVIRONMENT AND NATURAL RESOURCES. THE CONTRACTOR SHALL PAY ALL FINES ASSESSED AGAINST THE AIRPORT AND RELATED EXPENSES DUE TO VIOLATIONS CAUSED BY THE CONTRACTOR AND THEIR PERSONNEL, SUBCONTRACTORS, AND VENDORS.	
C			5.2	THE TEMPORARY EROSION CONTROL MEASURES SHOWN ON THE PLANS SHALL BE CONSIDERED THE MINIMAL PROTECTION REQUIRED. AS THE OWNER HAS NO CONTROL OVER MEANS AND METHODS OF THE CONTRACTOR, ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURE MAY BE REQUIRED. THESE ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURE SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.	10. SCHEDULES REQUIRED		15.2 THE CONTRACTOR SHALL LIMIT GROUND DISTURBANCE TO THE AREA WITHIN THE LIMITS OF REGRADING, HAUL ROUTES, STAGING AREA(S) AND SURPLUS MATERIAL DISPOSAL SITES. ANY INADVERTENT GROUND DISTURBANCE BEYOND THE PROJECTS LIMITS CAUSED BY THE CONTRACTOR AND THEIR PERSONNEL, SUBCONTRACTORS, AND VENDORS SHALL BE REPORTED TO THE ENGINEER/RPR.	
			6. UNDERGROUND UTILITIES AND CABLES		10.1 IN ADDITION TO THE OVERALL SCHEDULE THE CONTRACTOR SHALL PROVIDE A WRITTEN TWO (2) WEEK LOOK AHEAD SCHEDULE. THE FIRST WEEK ON THE LOOK AHEAD SCHEDULE SHALL BE CONSIDERED THE MOST RIGID. THE OWNER RESERVES THE RIGHT TO DISALLOW WORK IF NOT ON THE CURRENT WEEK'S SCHEDULE AND IF PROPER COORDINATION HAS NOT TAKEN PLACE WITH THE AIRPORT STAKE HOLDERS. THE TWO WEEK LOOK AHEAD SCHEDULE SHALL BE UPDATED WEEKLY AND PRESENTED TO STAKE HOLDERS AT THE RPR SCHEDULED JOB MEETING.		15.3 MATERIALS AND EQUIPMENT USED ON THIS PROJECT SHALL BE CLEANED PRIOR TO SITE WORK TO MINIMIZE THE SPREADING OF INVASIVE SPECIES.	
			6.1	THE APPROXIMATE LOCATIONS OF KNOWN UTILITIES AND UNDERGROUND CABLE(S) ARE SHOWN ON THE CONTRACT DRAWINGS. THIS INFORMATION WAS OBTAINED FROM EXISTING PLANS AND RECORD DOCUMENTS. WHILE THIS INFORMATION IS BELIEVED TO BE CORRECT, NEITHER THE OWNER OR THE ENGINEER GUARANTEES ITS ACCURACY.	10.2 EACH MORNING A TAILGATE MEETING SHALL OCCUR BETWEEN THE CONTRACTOR, THE RPR AND THE OWNER'S PROJECT REPRESENTATIVE. THE INTENT OF THIS MEETING IS TO VERBALLY REVIEW THE WORK AND ACTIVITIES PROPOSED FOR THAT DAY.		15.4 IF OFFSITE TOPSOIL IS REQUIRED, THE CONTRACTOR SHALL REVIEW WITH THE ENGINEER/RPR THE SOURCE OF THE TOPSOIL AND PROVIDE THE OPPORTUNITY FOR THE ENGINEER/RPR TO INSPECT THE TOPSOIL (PREFERABLE PRIOR TO STRIPPING) TO MINIMIZE THE SPREADING OF INVASIVE SPECIES.	
			6.2	PRIOR TO COMMENCEMENT OF ANY EXCAVATION, IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND IDENTIFY UNDERGROUND UTILITIES AND UNDERGROUND CABLE(S) IN THE WORK AREA(S). IF DISCREPANCY ARE FOUND BETWEEN ACTUAL FIELD CONDITIONS AND THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE RPR/ENGINEER PRIOR TO EXCAVATION.	11. CONTRACTORS STAGING AREA AND EMPLOYEE PARKING		15.5 THE AIRPORT DOES HAVE AREAS OF KNOWN ELEVATED LEVELS OF POLYFLUOROALKL SUBSTANCES (PFAS) CONTAMINATION. PRIOR TO EXCAVATION THE AIRPORT WILL TEST THE SOIL AND DETERMINE THE LEVELS OF PFAS PRESENT IN THE SOILS. IF LOW LEVELS ARE DETECTED, THE SUITABLE SURPLUS MATERIAL WILL BE DISPOSED IN THE NON-PFAS DISPOSAL SITE. SOILS DETERMINED TO HAVE HIGH LEVELS OF PFAS SHALL BE DISPOSED IN THE PFAS DISPOSAL SITE.	
D			6.3	VERIFICATION OF UNDERGROUND UTILITIES AND UNDERGROUND CABLES SHALL BE VERIFIED BY CONTACTING THE FOLLOWING: <ul style="list-style-type: none">• DIG SAFE/ON TARGET;• NANTUCKET MEMORIAL AIRPORT - MAINTENANCE STAFF;• FAA TECH OPS;• NATIONAL WEATHER BUREAU;• NATIONAL GRID;• WANNACOMET WATER COMPANY;• LOCAL GAS COMPANY;• LOCAL CATV/INTERNET PROVIDER; and• PRIVATE UTILITY LOCATOR. RETAINED BY THE CONTRACTOR TO CLEAR THE WORK ZONE.	11.1 THE CONTRACTOR SHALL USE THE AREA(S) SHOWN ON THE PLANS FOR THEIR STAGING AREA. THE CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL IMPROVEMENTS AND RESTORATION OF THE DESIGNATED AREA(S), SUCH AS CLEARING AND GRUBBING, GRADING, AND CONSTRUCTION OF GRAVEL ACCESS ROADS AND STORAGE AREAS, SECURITY FENCING AND OTHER WORK THAT ARE NECESSARY FOR THE UTILIZATION OF THE AREA AT NO ADDITIONAL COST TO THE OWNER.			
			6.4	IF DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR DISCOVERS ANY UTILITIES AND/OR CABLES NOT PREVIOUSLY IDENTIFIED, THE CONTRACTOR MUST STOP WORK AND CONTACT THE RPR IMMEDIATELY TO DETERMINE IF THE UTILITIES AND/OR CABLES ARE ACTIVE OR ABANDONED. NEVER ASSUME A CABLE(S) ARE DEAD OR NOT ENERGIZED. THE CONTRACTOR SHALL PROVIDE ALL INFORMATION ON THE UTILITY AND/OR CABLES TO THE OWNER SUCH THAT THE INFORMATION CAN BE ADEQUATELY RECORDED.	11.2 THE CONTRACTOR IS RESPONSIBLE FOR ALL TRASH PICK UP GENERATED BY THE PROJECT. TRASH RECEPTACLES SHALL BE COVERED AND SECURED.			
			6.5	THE CONTRACTOR SHALL SCHEDULE AND CONDUCT THEIR CONSTRUCTION ACTIVITIES SO NO UNAUTHORIZED DISRUPTION OR OUTAGE IN UNDERGROUND SERVICE WILL RESULT.	11.3 RESTROOMS FACILITIES ARE TO BE PROVIDED AND MAINTAINED BY THE CONTRACTOR WITHIN THE STAGING AREAS AND WITHIN THE ACTIVE WORK AERAS WITH THE PERMISSION OF THE OWNER.			
			7. MINIMAL IMPACT TO AIRPORT OPERATION		11.4 AT THE COMPLETION OF THE PROJECT, THE STAGING AREA SHALL BE RESTORED TO A CONDITION EQUAL OR BETTER THAN PRE-CONSTRUCTION CONDITION AS DETERMINED BY THE OWNER AND RPR AT NO ADDITIONAL COST TO THE OWNER.			
E			7.1	THE CONTRACTORS WORK SHALL BE CARRIED ON IN SUCH A MANNER AS NOT TO INTERFERE WITH AIRPORT OPERATIONS. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO ENSURE THE SAFETY OF OPERATING AIRCRAFT AS WELL AS THEIR OWN EQUIPMENT AND PERSONNEL.	11.5 NO CONTRACTOR WORKERS WILL BE ALLOWED TO PARK PERSONAL CARS WITHIN THE RESTRICTED AREA (INSIDE THE AIRPORT FENCE). CONTRACTOR WORKERS ARE REQUIRED TO USE THE DESIGNATED EMPLOYEE PARKING AREA.			
			7.2	REFER TO CSPP REQUIREMENTS.	12. CONSTRUCTION LAYOUT AND ASSISTANCE TO THE RPR			
			8. OPEN TRENCHES OR EXCAVATIONS		12.1 THE ENGINEER SHALL PROVIDE BOTH HORIZONTAL AND VERTICAL CONTROL POINTS FOR USE BY THE CONTRACTOR AS SEEN IN SHEET GN-02. PRIOR TO LAYOUT, THE CONTRACTOR SHALL INVERSE BETWEEN THESE POINTS AND SATISFY TO THEMSELVES AS TO THE ACCURACY OF THE CONTROL POINTS PROVIDED. THE LAYOUT FOR CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.			
			8.1	THE CONTRACTOR WILL NOT BE PERMITTED TO LEAVE ANY TRENCHES OR OTHER EXCAVATIONS OPEN AT NIGHT, WEEKENDS, OR AT OTHER TIMES WHEN THE CONTRACTOR IS NOT ON THE WORK SITE, WITH OUT THE APPROVAL OF THE AIRPORT AND THE RPR.	12.2 THE CONTRACTOR SHALL FURNISH ASSISTANCE TO THE ENGINEER/RPR AS REQUESTED TO CHECK THE LAYOUT OR WORK IN PROGRESS. SUCH ASSISTANCE SHALL BE UNDERSTOOD TO INCLUDE THE PROVISION OF SUITABLE MANPOWER TO ASSIST THE ENGINEER/RPR IN TAPING MEASUREMENTS, SURVEY FOR CHECKING GRADES AND THE LIKE. THE CONTRACTOR'S OBLIGATIONS FOR LAYOUT, SURVEY AND FURNISHING ASSISTANCE TO THE ENGINEER/RPR SHALL BE DEEMED INCIDENTAL TO THE COMPLETION OF VARIOUS WORK ITEMS AND NO SEPARATE PAYMENT WILL BE MADE FOR SUCH LAYOUT, SURVEY AND ASSISTANCE.			
			8.2	NO EXCAVATIONS EXCEEDING 3 INCHES IN DEPTH SHALL BE LEFT OPEN WITHIN ACTIVE AIRCRAFT OPERATION AREAS, AS DESCRIBED IN THE CSPP.				
			9. HAUL ROUTES					
			9.1	THE CONTRACTOR SHALL MAKE ALL IMPROVEMENTS AS DESIGNATED ON AIRPORT HAUL ROUTES SUBJECT TO THE APPROVAL OF THE OWNER AND RPR REQUIRED FOR THE SAFE TRANSIT OF CONSTRUCTION VEHICLES AND EQUIPMENT TO AND FROM THE WORK AREA(S) AT NO ADDITIONAL COST TO THE OWNER.				

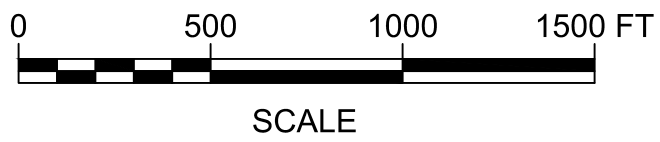


CONTRACTOR TO PROVIDE
BADGED ESCORT TO/FROM
DISPOSAL LOCATION
(INCIDENTAL TO ITEM M-120-3)

- NOTES:
- COORDINATES SHOWN ARE BASED ON:
 - HORIZONTAL - NAD83(2011)
 - VERTICAL - NAVD88 FT
 - CONTRACTOR SHALL FIELD VERIFY THAT POINTS SHOWN ON THIS PLAN ARE CORRECT AND CONSISTENT WITH THE INFORMATION PROVIDED IN THE CONTROL POINT TABLE BELOW PRIOR TO WORK.
 - THE CONTRACTOR SHALL NOTIFY ENGINEER/RPR OF ANY DISCREPANCY BETWEEN PLAN AND FIELD LENGTHS PRIOR TO CONSTRUCTION.

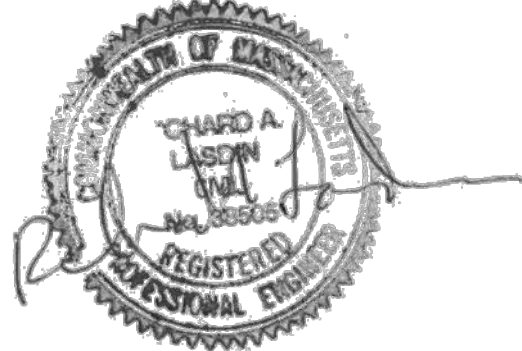
AIRPORT CONTROL POINTS TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	92823.9833	1761414.9686	39.100	PRIMARY AIRPORT CONTROL - ACK ARP
2	91819.6707	1762263.5712	36.500	SECONDARY AIRPORT CONTROL - ACK D
3	91099.2352	1758972.1593	29.800	SECONDARY AIRPORT CONTROL - ACK AP STA B

- LEGEND
- HAUL ROUTE ARROW
 - GATE GUARD
 - WORK AREA
 - LOW PROFILE BARRICADE
 - PROJECT LOCATION
 - HAUL ROUTE CHANNELIZER CONE




BID DOCUMENTS

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



REV	DATE	DESCRIPTION	BY



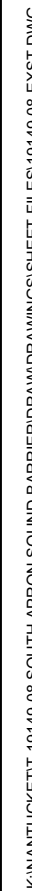
125 NAGOG PARK, SUITE 220
ACTON, MASSACHUSETTS 01720

NANTUCKET MEMORIAL AIRPORT
NANTUCKET, MASSACHUSETTS

SOUTH APRON SOUND BARRIER

GENERAL PLAN

SCALE: 1" = 500'	DESIGN: LAB	GN-02 4 OF 13
DRAWN: LAB	PROJECT: 19149.08	
CHECKED: DMP	DATE: APRIL 18, 2025	



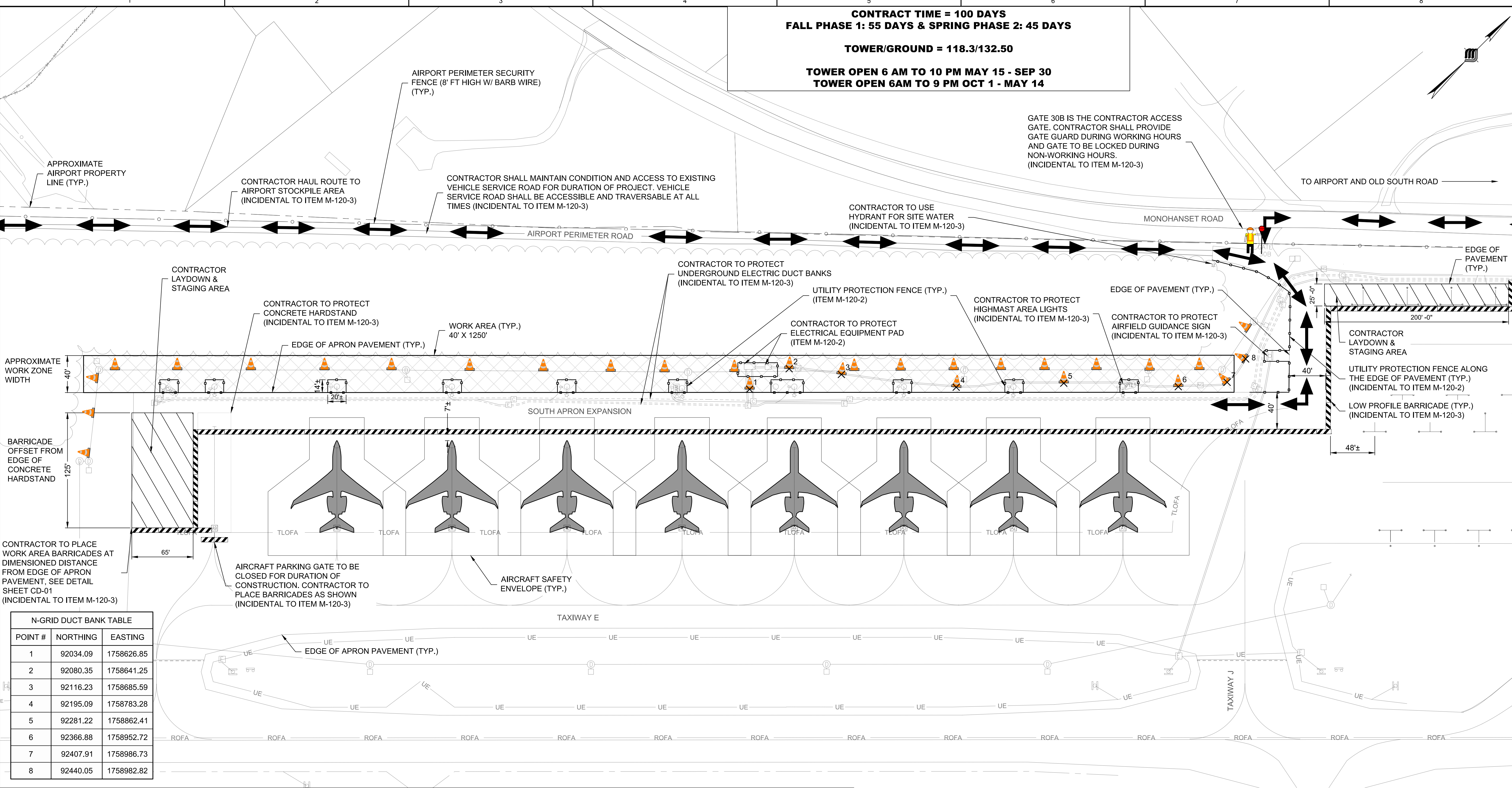
5 OF 13

CONTRACT TIME = 100 DAYS
FALL PHASE 1: 55 DAYS & SPRING PHASE 2: 45 DAYS

TOWER/GROUND = 118.3/132.50

TOWER OPEN 6 AM TO 10 PM MAY 15 - SEP 30
TOWER OPEN 6AM TO 9 PM OCT 1 - MAY 14

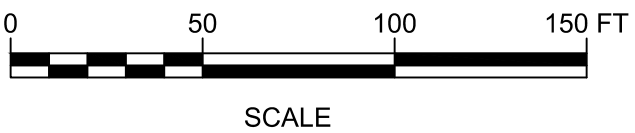
GATE 30B IS THE CONTRACTOR ACCESS GATE. CONTRACTOR SHALL PROVIDE GATE GUARD DURING WORKING HOURS AND GATE TO BE LOCKED DURING NON-WORKING HOURS. (INCIDENTAL TO ITEM M-120-3)



N-GRID DUCT BANK TABLE		
POINT #	NORTHING	EASTING
1	92034.09	1758626.85
2	92080.35	1758641.25
3	92116.23	1758685.59
4	92195.09	1758783.28
5	92281.22	1758862.41
6	92366.88	1758952.72
7	92407.91	1758986.73
8	92440.05	1758982.82

- LEGEND**
- HAUL ROUTE ARROW
 - GATE GUARD
 - WORK AREA
 - LOW PROFILE BARRICADE
 - CONTRACTOR STAGING AREA
 - UTILITY DELINEATION MARKER
 - UTILITY PROTECTION FENCE

- NOTES:**
- CONTRACTOR SHALL REFER TO THE GENERAL NOTES ON SHEET GN-01 FOR CONSTRUCTION SAFETY AND PHASING NOTES REQUIRED BY THE PROJECT.
 - PROVIDE UTILITY PROTECTION FENCE FOR HAUL ROUTE FROM ACCESS GATE TO THE WORK ZONE AS NOTED IN GENERAL NOTES AND HEREIN ON THIS SHEET. SEE ADDITIONAL DETAILS ON SHEET CD-01.
 - REFER TO THE DETAILS OF THE LOW-PROFILE CONSTRUCTION BARRIER ON SHEET CD-01.
 - REFER TO THE UTILITY PROTECTION FENCE DETAIL ON SHEET CD-01.
 - IF A HYDRANT IS REQUIRED FOR CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE WITH THE WATER SUPPLIER FOR PERMISSION TO USE THE WATER SYSTEM AND BE DIRECTED TO THE APPLICABLE HYDRANT AND ITS REQUIREMENTS (I.E. METER, BACKFLOW PREVENTION, ETC.).



BID DOCUMENTS

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REV	DATE	DESCRIPTION	BY

125 NAGOG PARK, SUITE 220
ACTON, MASSACHUSETTS 01720

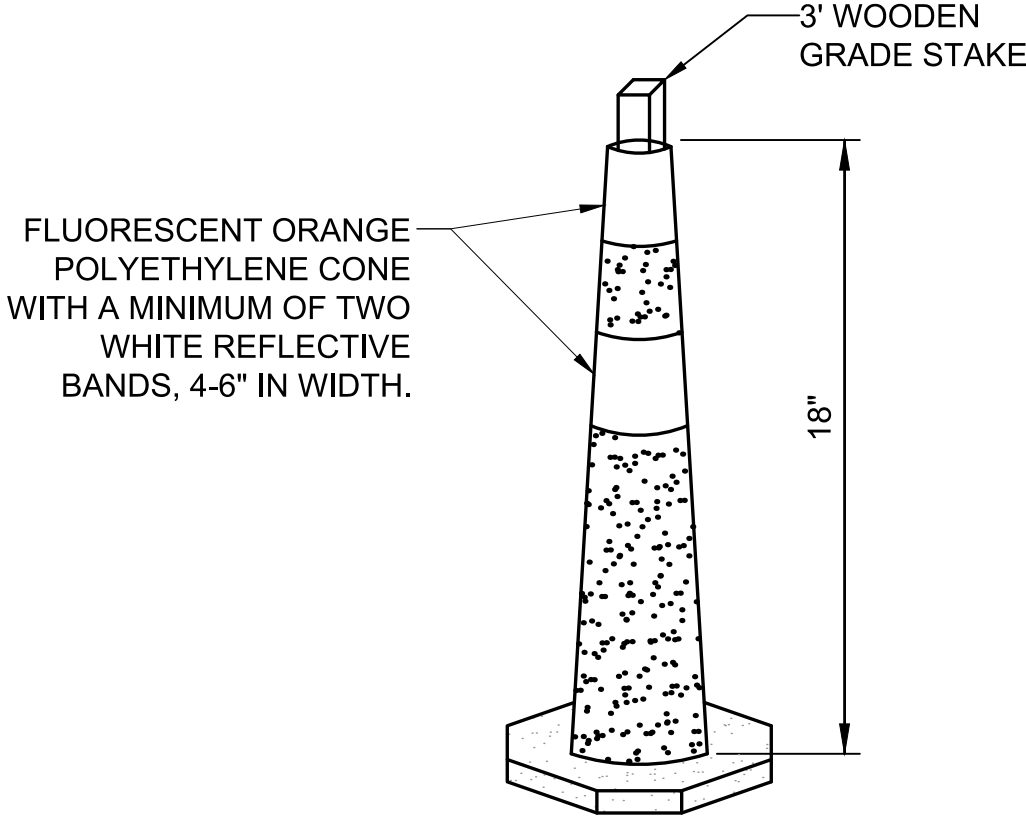
NANTUCKET MEMORIAL AIRPORT
NANTUCKET, MASSACHUSETTS

SOUTH APRON SOUND BARRIER

CONSTRUCTION SAFETY AND PHASING PLAN

SCALE: 1" = 50'	DESIGN: LAB	CS-01 6 OF 13
DRAWN: LAB	PROJECT: 19149.08	
CHECKED: DMP	DATE: APRIL 18, 2025	

WORK AREA TABLE				
WORK AREA	DESCRIPTION OF WORK	CALENDAR DAYS	CLOSURES	LIQUIDATED DAMAGES
1 (BASE BID)	SELECTIVE TREE TRIMMING & CUTTING, INSTALLATION OF CONCRETE DRILLED SHAFTS AND SOUND BARRIER WALL	100 TOTAL PHASE 1: 55 DAYS PHASE 2: 45 DAYS	SMALL PORTION OF SOUTH APRON	\$2,500 DAILY
BASE BID TOTAL CONTRACT TIME: 100 CALENDAR DAYS				

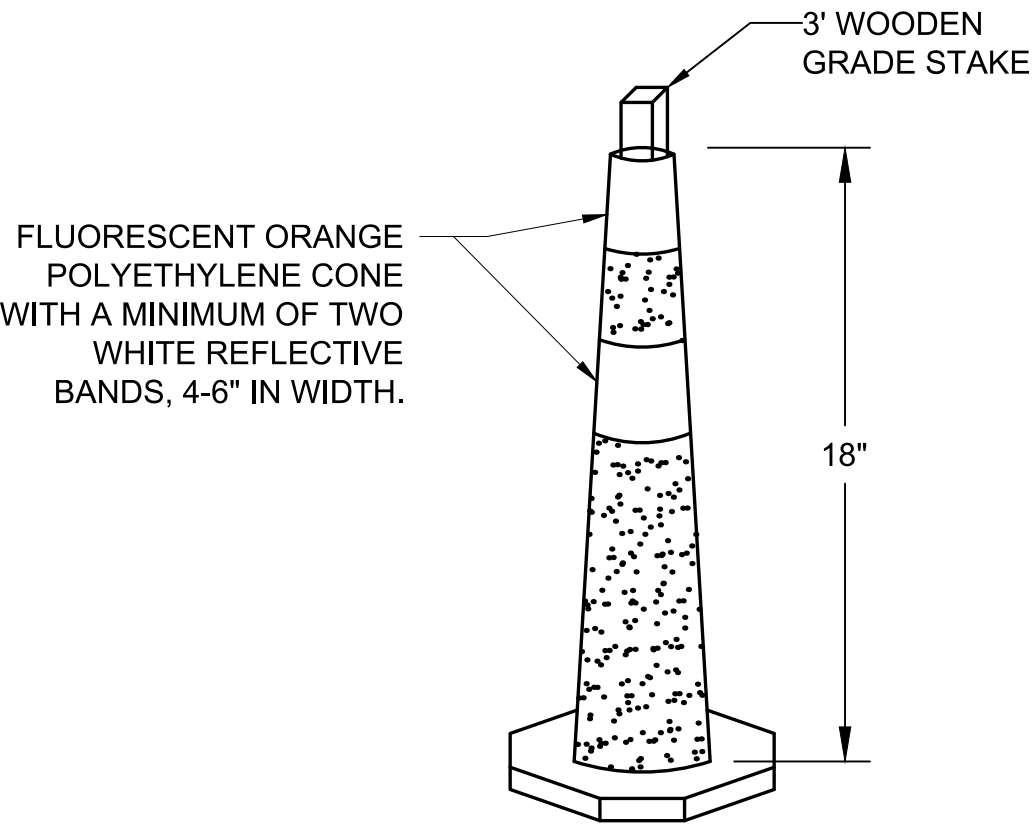


HAUL ROUTE CHANNELIZER CONE NOTES:

1. CHANNELIZER CONES SHALL BE SPACED AT 25' ON CENTER IN ALL LOCATIONS.
2. CONTRACTOR SHALL MAKE FREQUENT INSPECTIONS OF THE CHANNELIZER CONES AND SHALL RELOCATE ANY CONES THAT ARE MISALIGNED.
3. CHANNELIZER CONES SHALL BE ADEQUATELY SECURED TO WITHSTAND HIGH WINDS AND/OR JET BLAST.

HAUL ROUTE CHANNELIZER CONE DETAIL

NOT TO SCALE
(INCIDENTAL TO ITEM M-120-3)

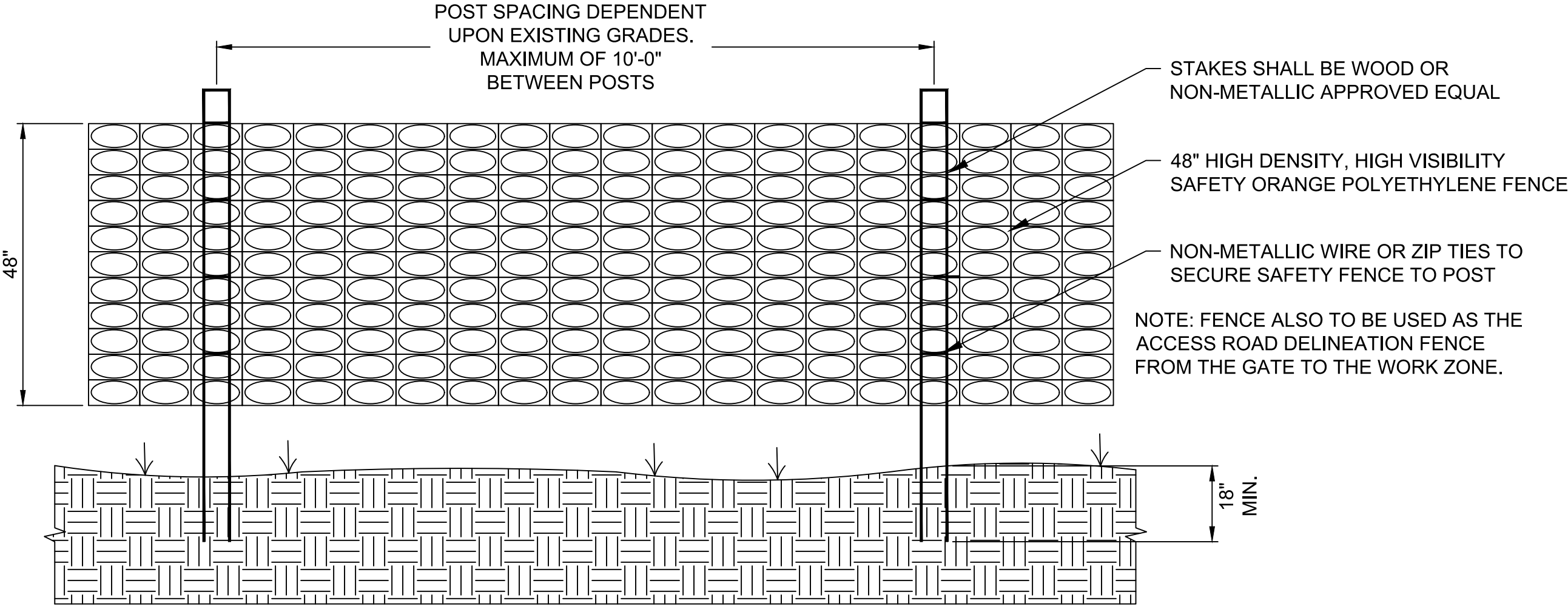


UTILITY DELINEATION MARKER NOTES:

1. MARKER CONES SHALL BE SPACED AT 50' ON CENTER TO PROTECT THE UNDERGROUND UTILITIES SUCH AS DRAINAGE PIPES AND UTILITY DUCT BANKS.
2. CONTRACTOR SHALL MAKE FREQUENT INSPECTION OF THE MARKER CONES AND SHALL RELOCATE ANY CONES THAT ARE MISALIGNED.
3. MARKER CONES SHALL BE ADEQUATELY SECURED TO WITHSTAND HIGH WINDS AND/OR JET BLAST USING GRADE STAKES AS SHOWN.
4. INSTALLATION AND REMOVAL OF UTILITY DELINEATION MARKERS AS DIRECTED BY THE RPR IS INCIDENTAL TO ITEM M-120-3.

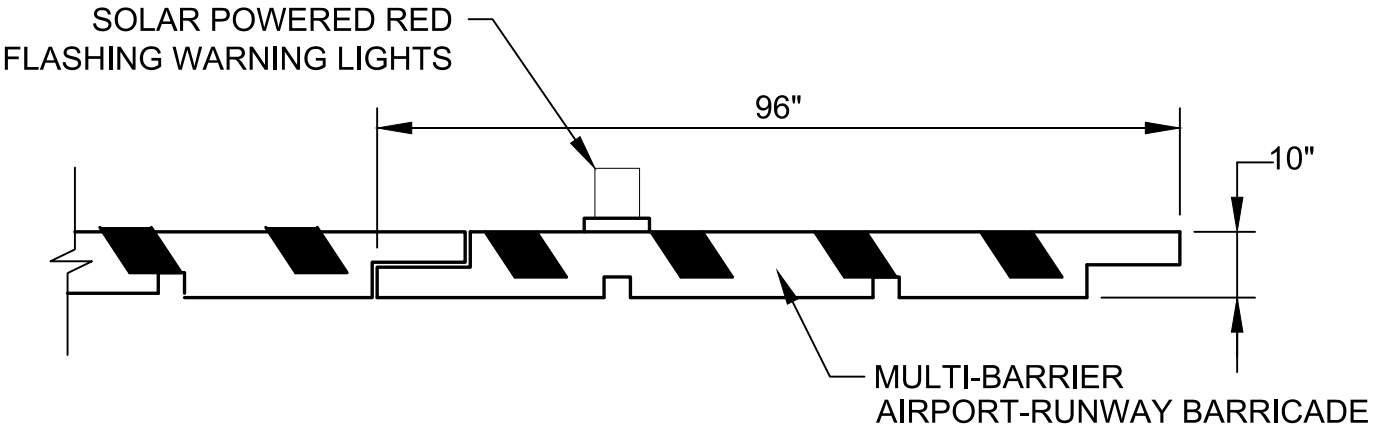
UTILITY DELINEATION MARKER

NOT TO SCALE
(INCIDENTAL TO ITEM M-120-3)



UTILITY PROTECTION FENCE

NOT TO SCALE
(ITEM M-120-2)



LOW PROFILE CONSTRUCTION BARRICADE NOTES:

1. PLACE BARRICADES CONTINUOUSLY ACROSS PAVEMENT TO WITHIN LIMITS AS SHOWN ON PLANS.
2. BARRICADES SHALL BE ORANGE HOPE WITH WHITE REFLECTIVE BANDS (OR APPROVED EQUAL).
3. CONTRACTOR SHALL BE RESPONSIBLE FOR PLACEMENT AND MAINTENANCE OF ALL BARRICADES THROUGH THE PROJECT DURATION.


LOW PROFILE CONSTRUCTION BARRICADE DETAIL

NOT TO SCALE
(INCIDENTAL TO ITEM M-120-3)

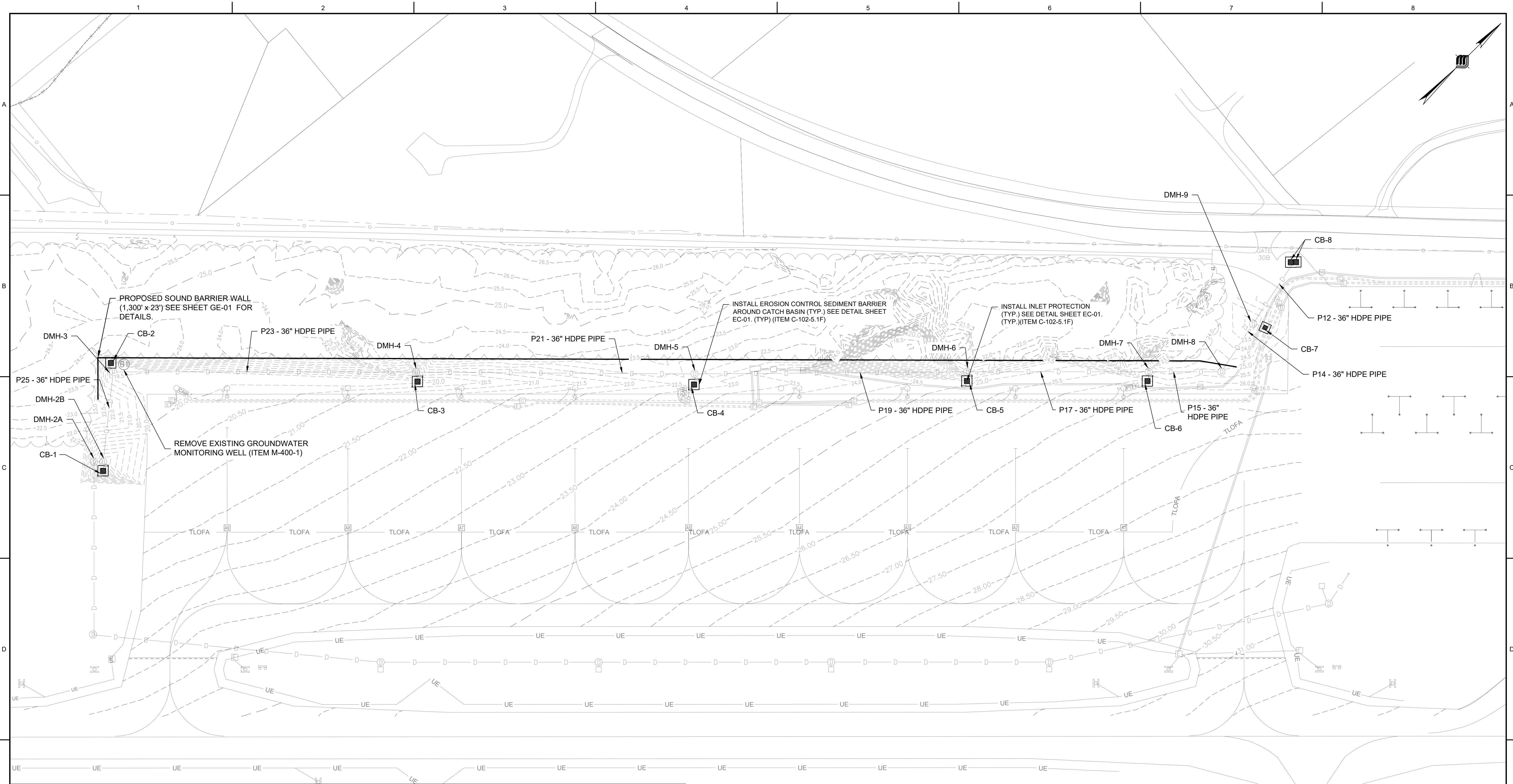
GENERAL AVIATION BARRICADE NOTES:

1. THE RPR AND ACK OPERATIONS WILL HAVE FINAL DETERMINATION WHERE EACH TYPE OF BARRICADE (LOW PROFILE, CHANNELIZER CONES, UTILITY MARKERS, ETC.) SHALL BE PLACED.
2. BARRICADES SHALL BE ONE OF THE BARRICADES OR CHANNELIZER CONES SHOWN ON THIS SHEET OR APPROVED EQUAL.
3. ALL BARRICADES SHALL MEET REQUIREMENTS OF FAA ADVISORY CIRCULAR 150/5370-2G (CURRENT EDITION), "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION".
4. ACK OPERATIONS MAINTAINS A SMALL SUPPLY OF LIGHTED CONSTRUCTION BARRICADES FOR CONTRACTOR USE. BARRICADES SHALL BE ACK OPERATIONS SUPPLIED TO THE GREATEST EXTENT POSSIBLE. IT IS ANTICIPATED THE CONTRACTOR WILL BE REQUIRED TO SUPPLY ADDITIONAL BARRICADES. THESE BARRICADES SHALL BE PROVIDED AS INCIDENTAL TO ITEM M-120-3 AND RETAINED BY THE CONTRACTOR AT COMPLETION OF THE PROJECT.
5. CONTRACTOR SHALL MAKE DAILY INSPECTIONS OF THE BARRICADES/CONES TO ENSURE LIGHTS ARE OPERATING EVERY NIGHT.

BID DOCUMENTS

					NANTUCKET MEMORIAL AIRPORT NANTUCKET, MASSACHUSETTS			
					SOUTH APRON SOUND BARRIER			
					CONSTRUCTION SAFETY AND PHASING DETAILS			
REV	DATE	DESCRIPTION			BY	<div>McFARLAND JOHNSON</div> <div>125 NAGOG PARK; SUITE 220 ACTON, MASSACHUSETTS 01720</div>		
						SCALE: N.T.S.	DESIGN: LAB	CD-01 7 OF 13
						DRAWN: LAB	PROJECT:19149.08	
						CHECKED: DMP	DATE: APRIL 18, 2025	

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

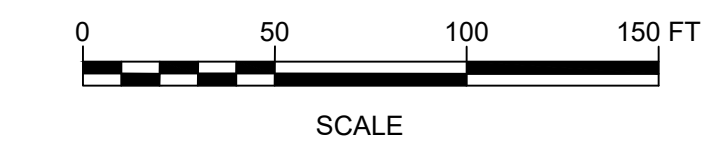


LEGEND

- CATCH BASIN WITH FILTER BAG
- EROSION CONTROL BARRIER (ECB)
- MAJOR CONTOUR
- MINOR CONTOUR
- TLOFA
- TAXILANE OBJECT FREE AREA
- DRAINAGE PIPE
- EXISTING LIGHT POLE WITH FIXTURE
- EXISTING DRAIN MANHOLE
- EXISTING GROUNDWATER MONITORING WELL

NOTE:

- FOR EROSION AND SEDIMENT CONTROL DETAILS REFER TO SHEET EC-01.
- DO NOT DISTURB THE EXISTING DRAINAGE STRUCTURES OR PIPES AS SHOWN ON THIS SHEET. IF THE EXISTING DRAINAGE SYSTEM IS ENCOUNTERED, THE CONTRACTOR SHALL STOP ALL WORK, NOTIFY THE RPR, AND REPAIR THE EXISTING DRAINAGE SYSTEM PRIOR TO PROCEEDING WITH ANY NEW WORK.
- REFER TO SHEET GE-01 FOR GEOMETRIC LAYOUT OF THE SOUND WALL.
- THE FINAL POST WALL INSTALLATION GRADING SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR AND THE RPR TO ALLOW FOR THE RUNOFF TO DRAIN AWAY FROM THE INSTALLED WALL.
- THE EXISTING GROUNDWATER MONITORING WELL SHALL BE REMOVED TO THE SATISFACTION OF THE RPR. REFER TO SPECIFICATION SECTION M-400 FOR ADDITIONAL REQUIREMENTS.
- SEE SHEET EC-01 FOR DRAINAGE SYSTEM AS-BUILT INFORMATION.



BID DOCUMENTS

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REV	DATE	DESCRIPTION	BY

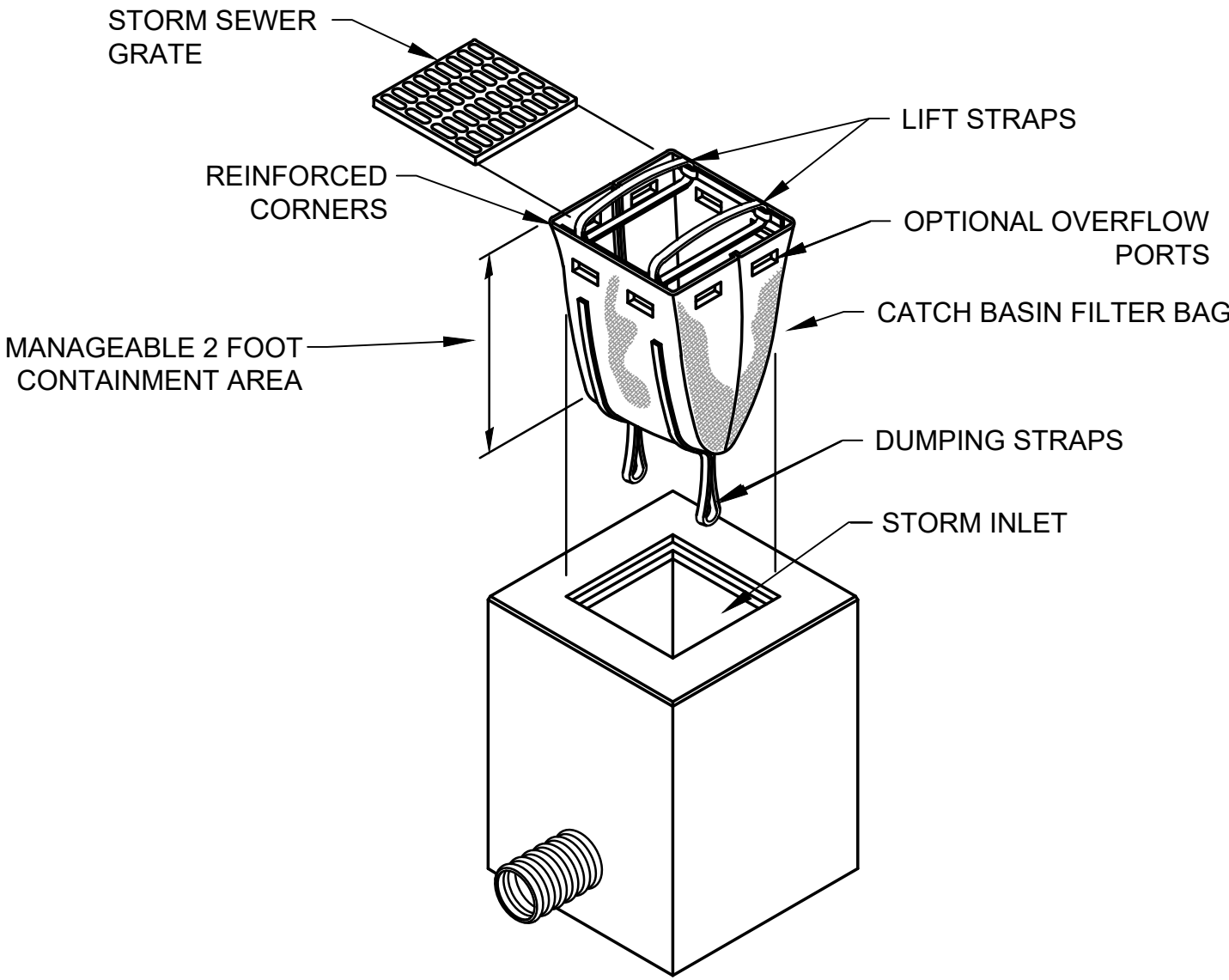
125 NAGOG PARK, SUITE 220
ACTON, MASSACHUSETTS 01720

NANTUCKET MEMORIAL AIRPORT
NANTUCKET, MASSACHUSETTS

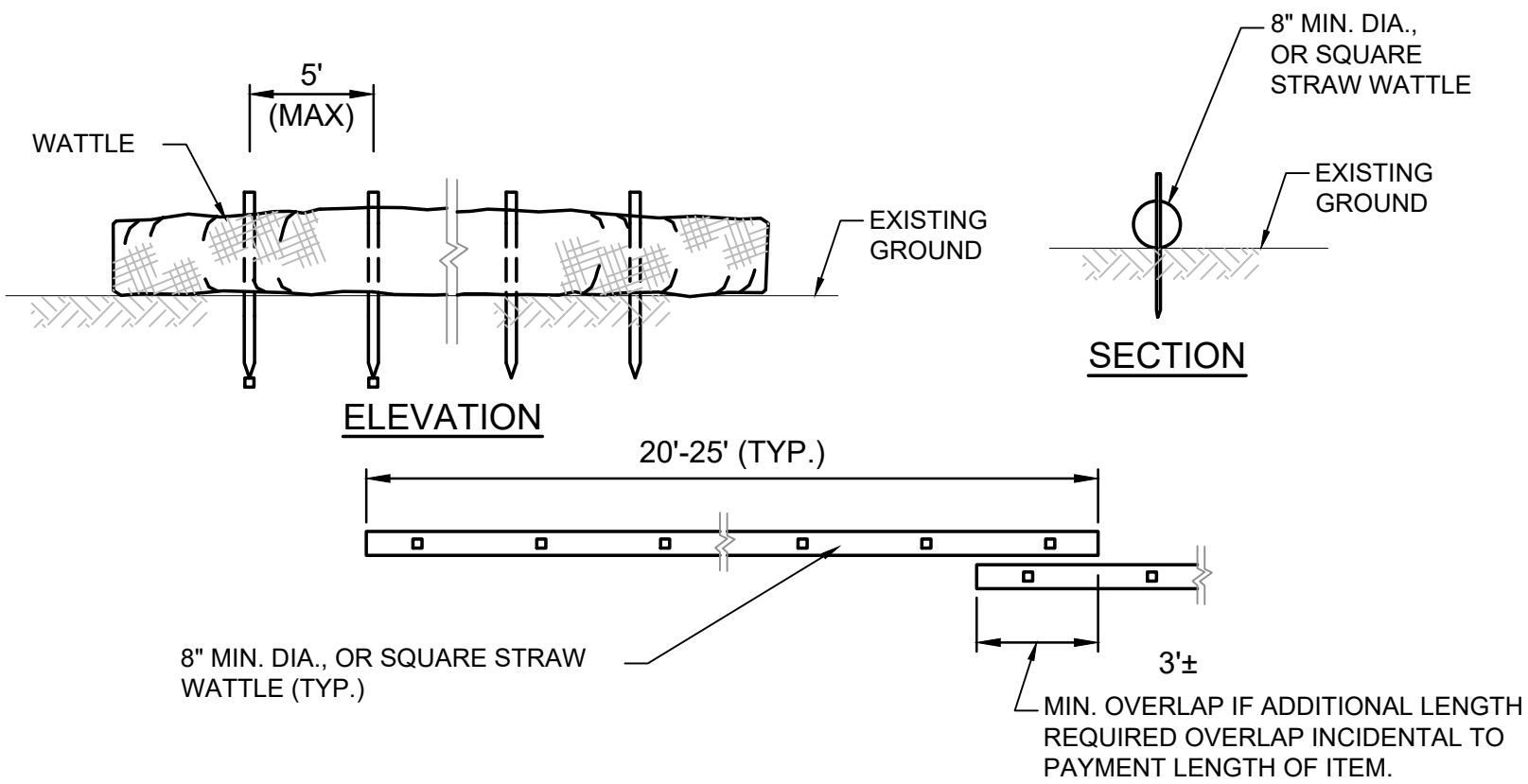
SOUTH APRON SOUND BARRIER

GRADING, EROSION, AND SEDIMENT CONTROL PLAN

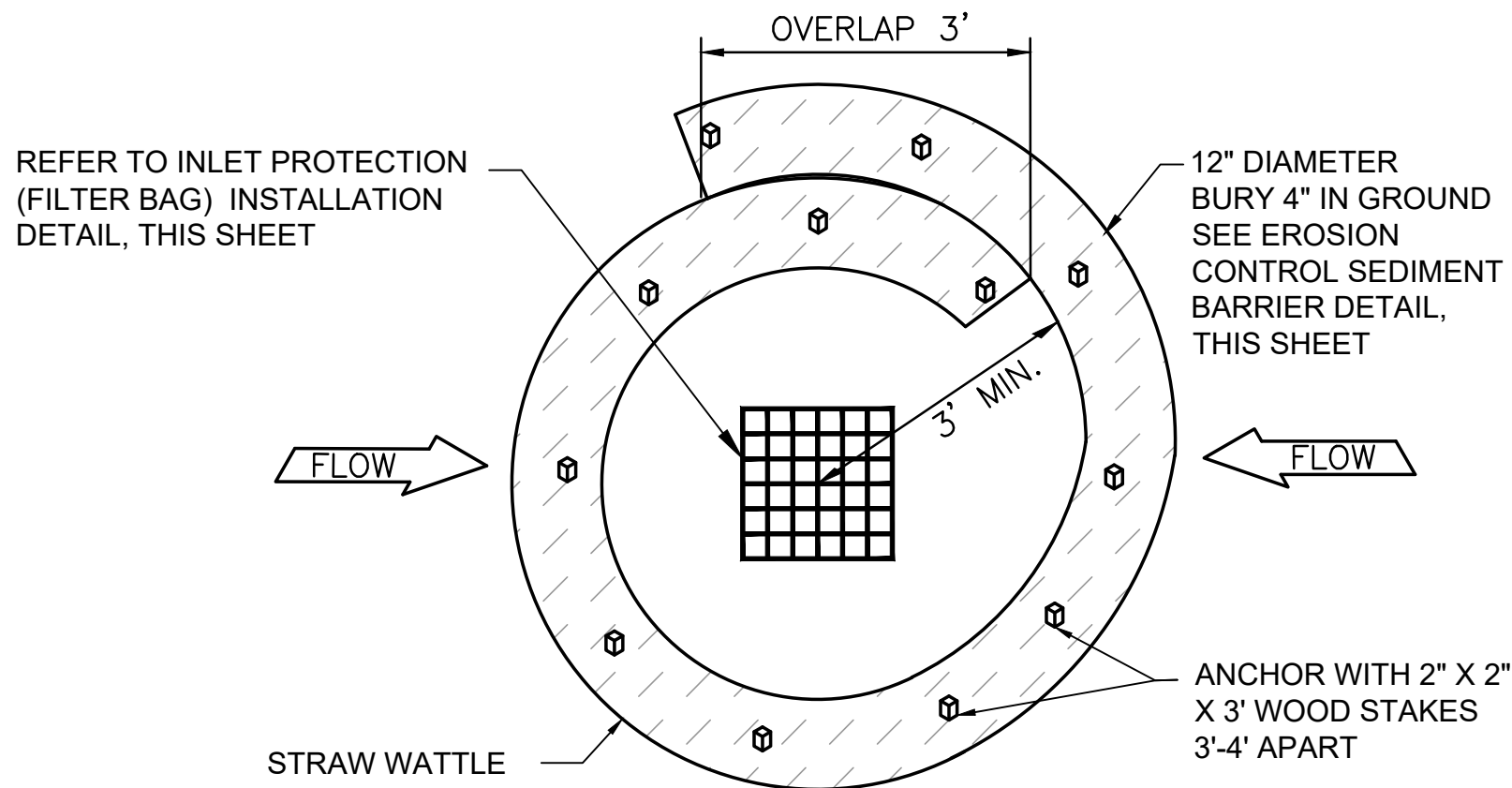
SCALE: 1" = 50'	DESIGN: LAB	GR-01 8 OF 13
DRAWN: LAB	PROJECT: 19149.08	
CHECKED: DMP	DATE: APRIL 18, 2025	



INLET PROTECTION (FILTER BAG) INSTALLATION
NOT TO SCALE
(ITEM C-102-5.1F)



SEDIMENT BARRIER INLET PROTECTION
NOT TO SCALE
(ITEM C-102-5.1F)



PLAN VIEW
SEDIMENT BARRIER INLET PROTECTION
NOT TO SCALE
(ITEM C-102-5.1F)

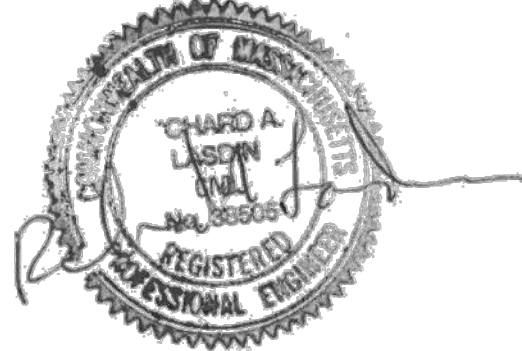
PIPE TABLE						
NAME	SIZE	LENGTH	SLOPE	MATERIAL	FROM STRC	TO STRC
P12	36"	83.64'	0.59%	SICPP	CB-8	DMH-9
P13	36"	13.06'	0.54%	SICPP	CB-7	DMH-9
P14	36"	62.48'	0.50%	SICPP	DMH-9	DMH-8
P15	36"	80.00'	0.50%	SICPP	DMH-8	DMH-7
P16	36"	10.00'	0.50%	SICPP	CB-6	DMH-7
P17	36"	200.00'	0.50%	SICPP	DMH-7	DMH-6
P18	36"	10.00'	0.50%	SICPP	CB-5	DMH-6
P19	36"	300.00'	0.50%	HDPE	DMH-6	DMH-5
P20	36"	10.00'	0.50%	SICPP	CB-4	DMH-5
P21	36"	300.00'	0.50%	SICPP	DMH-5	DMH-4
P22	36"	10.00'	0.50%	SICPP	CB-3	DMH-4
P23	36"	340.00'	0.50%	SICPP	DMH-4	DMH-3
P24	36"	14.02'	0.50%	SICPP	CB-2	DMH-3
P25	36"	99.63'	0.50%	SICPP	DMH-3	DMH-2B
P26	36"	10.00'	0.50%	SICPP	CB-1	DMH-2B
P27	36"	10.02'	0.50%	SICPP	DMH-2B	DMH-2A

STRUCTURE DMH TABLE			
STRUCTURE	RIM	INV(S) IN	INV OUT
DMH-2A	19.38	10.10 11.90	10.00
DMH-2B	18.42	10.20 10.17	10.17
DMH-3	19.15	10.73 10.73	10.63
DMH-4	21.30	12.55 12.56	12.39
DMH-5	23.20	14.12 14.12	14.07
DMH-6	25.25	15.76 15.76	15.66
DMH-7	26.61	16.84 16.84	16.77
DMH-8	26.14	17.34	17.26
DMH-9	23.85	17.79 17.79	17.66


STRUCTURE CB TABLE			
STRUCTURE	RIM	INV(S) IN	INV OUT
CB-1	18.55		10.30
CB-2	19.22		10.80
CB-3	20.85		12.60
CB-4	22.75		14.20
CB-5	24.84		15.80
CB-6	26.15		16.90
CB-7	24.34		17.82
CB-8	23.47		18.22

BID DOCUMENTS

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



REV	DATE	DESCRIPTION	BY

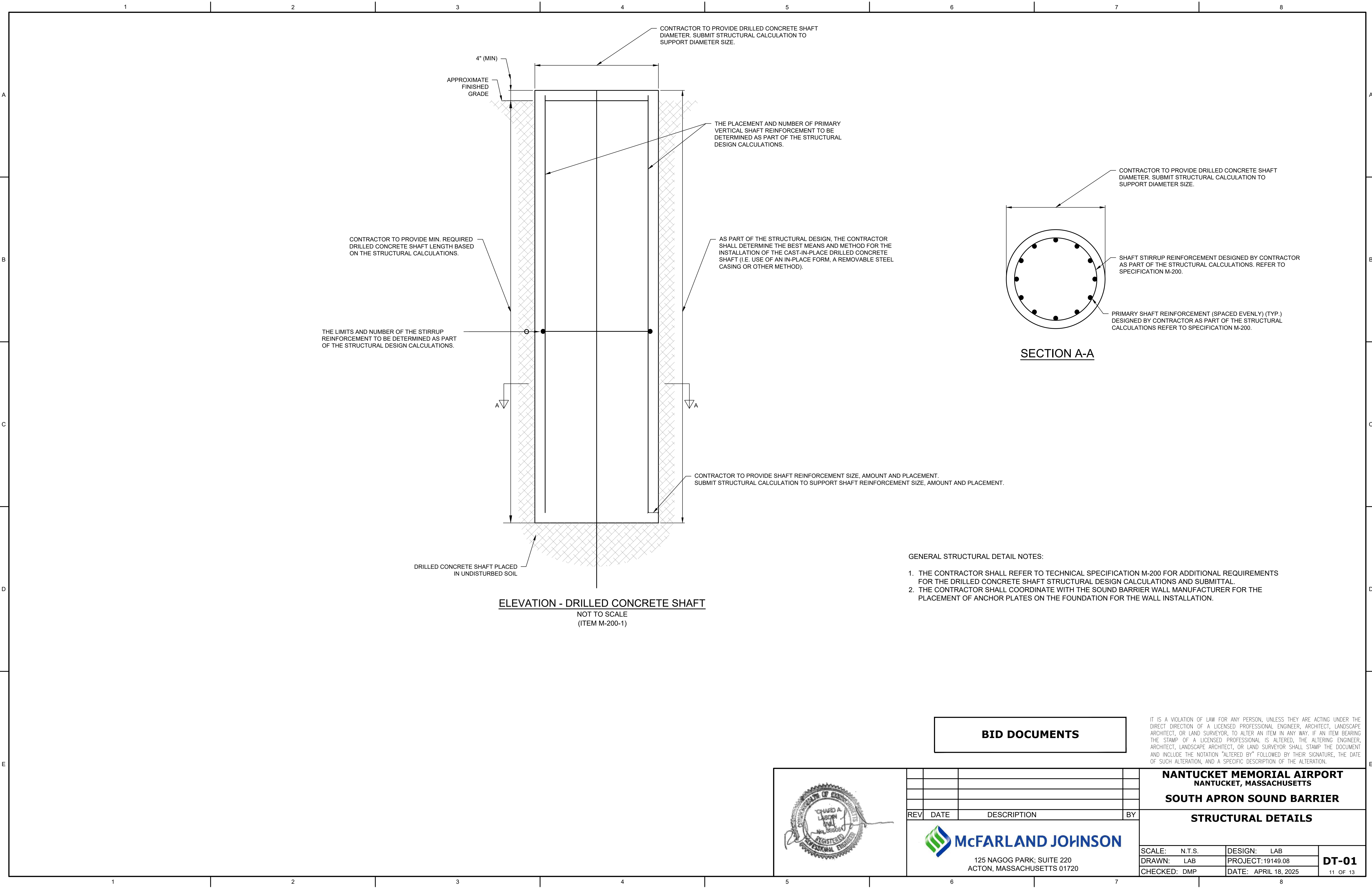


125 NAGOG PARK, SUITE 220
ACTON, MASSACHUSETTS 01720

NANTUCKET MEMORIAL AIRPORT NANTUCKET, MASSACHUSETTS	
SOUTH APRON SOUND BARRIER	
EROSION AND SEDIMENT CONTROL DETAILS	
SCALE: 1" = 1'	DESIGN: LAB
DRAWN: LAB	PROJECT: 19149.08
CHECKED: DMP	DATE: APRIL 18, 2025

EC-01
9 OF 13

N:\NANTUCKET\19149.08 SOUTH APRON SOUND BARRIER\DRAWINGS\BID SHEET FILES\19149.08 EROSION NOTES.DWG



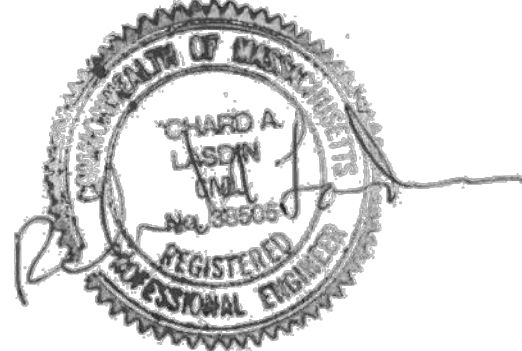
BID DOCUMENTS

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.


NANTUCKET MEMORIAL AIRPORT
NANTUCKET, MASSACHUSETTS
SOUTH APRON SOUND BARRIER

STRUCTURAL DETAILS

SCALE:	N.T.S.	DESIGN:	LAB	DT-01 11 OF 13
DRAWN:	LAB	PROJECT:	19149.08	
CHECKED:	DMP	DATE:	APRIL 18, 2025	



REV	DATE	DESCRIPTION	BY

**McFARLAND JOHNSON**
125 NAGOG PARK; SUITE 220
ACTON, MASSACHUSETTS 01720

[illegible]

[illegible]