

**TOWN OF NORWOOD  
NORWOOD MEMORIAL AIRPORT**

**EXTEND RUNWAY 17 (350' X 100') AND RUNWAY 35 (350' X 100')**

**AIP No. 3-25-0037-###-2026**

**Contract # NAC-26-01**

**ADDENDUM No. 2**

**Date: April 21, 2026**

The following is provided to clarify, add or delete information in the Contract Documents, Specifications and Plans for the above project. This information is required for bidding and construction, and the Bidder's acknowledgement of receipt of this Addendum is required on page B-1 of the BID PROPOSAL.

As a point of clarification, it should be understood that the Contract Documents govern all aspects of the project. Informal discussions held during the Pre-Bid Conference or over the telephone are informational only. All official changes to the Contract Documents are made only by addenda. The following changes and additional information are hereby made a part of the Contract Documents.

**DRAWINGS.**

The following sheet has been added:

**DUCT / CONDUIT AND CABLE / WIRE REFERENCE TABLES SHEET 101 OF 101**

NORWOOD, MASSACHUSETTS  
CABLE REFERENCE TABLES

SYMBOL	NEW CABLE
[NP4/D]	1/C 4/0 AWG 600 V, THWN CABLE
[NP3/D]	1/C 3/0 AWG 600 V, THWN CABLE
[NP2/D]	1/C 2/0 AWG 600 V, THWN CABLE
[NP1/D]	1/C 1/0 AWG 600 V, THWN CABLE
[NP#1]	1/C #1 AWG 600 V, THWN CABLE
[NP#2]	1/C #2 AWG 600 V, THWN CABLE
[NP#4]	1/C #4 AWG 600 V, THWN CABLE
[NP#6]	1/C #6 AWG 600 V, THWN CABLE
[NP#8]	1/C #8 AWG 600 V, THWN CABLE
[NP#10]	1/C #10 AWG 600 V, THWN CABLE
[NP#12]	1/C #12 AWG 600 V, THWN CABLE
[NP#14]	1/C #14 AWG 600 V, THWN CABLE
[NP#18]	1/C #18 AWG SHIELDED CABLE
[NC1P]	1 PAIR #19 AWG TWISTED, SHIELDED CABLE
[NC6P]	6 PAIR #19 AWG TWISTED, SHIELDED CABLE
[NC12P]	12 PAIR #19 AWG TWISTED, INDIVIDUALLY SHIELDED CABLE
[N1/2H]	1/2 INCH HELIX CABLE
[NRG214]	RG-214 COAXIAL CABLE
[NG#4]	#4 AWG INSULATED GROUND (600 V THWN-GREEN JACKET)
[NG#6]	#6 AWG INSULATED GROUND (600 V THWN-GREEN JACKET)
[NG#10]	#10 AWG INSULATED GROUND (600 V THWN-GREEN JACKET)
[NG#12]	#12 AWG INSULATED GROUND (600 V THWN-GREEN JACKET)
[NG#14]	#14 AWG INSULATED GROUND (600 V THWN-GREEN JACKET)
[NG250]	250 MCM INSULATED GROUND (600 V THWN-GREEN AND ORANGE TAPED JACKET)
[NG500]	500 MCM INSULATED GROUND (600 V THWN-GREEN AND ORANGE TAPED JACKET)
[NLD#6]	#6 AWG INSULATED GROUND (600 V THWN GREEN JACKET WITH RED TRACER)
[NG4/OB]	4/0 AWG BARE COPPER GROUND
[NG#2B]	#2 AWG BARE COPPER GROUND
[NG#4B]	#4 AWG BARE COPPER GROUND
[NG#6B]	#6 AWG BARE COPPER GROUND
[NG#10B]	#10 AWG BARE COPPER GROUND
[NG#12B]	#12 AWG BARE COPPER GROUND
[NCP4/OB]	4/0 AWG BARE COPPER COUNTERPOISE, DIRECT EARTH BURIED
[NGW4/OB]	4/0 AWG BARE COPPER GUARD WIRE, DIRECT EARTH BURIED
[NGW#6B]	#6 AWG BARE COPPER (SOLID) GUARD WIRE, DIRECT EARTH BURIED
[NLP32B]	LIGHTNING PROTECTION DOWN CONDUCTOR (THOMPSON 32 OR APPROVED EQUAL)

CABLE / DUCT SCHEDULE

SYM	FUNCTION	CABLE	CONDUIT/DUCT (SEE NOTE 2)
[EHV]	MALSF SHELTER POWER SERVICE (PRIMARY SPARE)	PULL WIRE	EXISTING 4"
[EP1]	R/W 17 PAPI POWER	3-1/C 1/0 AWG 600V, THWN, 1-#6 AWG 600V, THWN (GROUND)	EXISTING 4"
[EP2]	R/W 35 PAPI POWER	3-1/C 2/0 AWG 600V, THWN, 1-#6 AWG 600V, THWN (GROUND)	EXISTING 4"
[EC1]	R/W 17 PAPI CONTROL (SPARE)	PULL WIRE	EXISTING 4"
[HVT]	MALSF SHELTER POWER SERVICE (PRIMARY SPARE)	PULL WIRE	4" SCH 40 PVC (4" GRSC UNDER GRAVEL ACCESS ROAD)
[HVA]	MALSF SHELTER POWER SERVICE (PRIMARY SPARE)	PULL WIRE	4" SCH 40 PVC (CONCRETE ENCASED)
[P1]	R/W 17 PAPI POWER	3-1/C 1/0 AWG 600V, THWN, 1-#6 AWG 600V, THWN (GROUND)	4" SCH 40 PVC
[P2]	R/W 35 PAPI POWER	3-1/C 2/0 AWG 600V, THWN, 1-#6 AWG 600V, THWN (GROUND)	4" SCH 40 PVC
[P2A]	R/W 35 PAPI POWER	3-1/C 2/0 AWG 600V, THWN, 1-#6 AWG 600V, THWN (GROUND)	4" SCH 40 PVC (CONCRETE ENCASED)
[P3]	R/W 35 MALS STA 3+00, 4+00, 5+00, 6+00 POWER	4-1/C #1/0 AWG 600V, THWN, 2-1/C #4 AWG 600V, THWN, 6-1/C #2 AWG 600V, THWN, 6-#6 AWG 600V, THWN (GROUND)	4" SCH 40 PVC (4" GRSC UNDER GRAVEL ACCESS ROAD)
[P4]	R/W 35 MALS/	PULL WIRE	EXISTING 4"

CABLE / DUCT SCHEDULE (CONT.)

SYM	FUNCTION	CABLE	CONDUIT/DUCT (SEE NOTE 2)
[P3A]	R/W 35 MALS STA 3+00 POWER	2-1/C #1/0 AWG 600V, THWN, 1-#6 AWG 600V, THWN (GROUND)	2" GRSC
[P3B]	R/W 35 MALS STA 3+00 POWER	2-1/C #1/0 AWG 600V, THWN, 1-#6 AWG 600V, THWN (GROUND)	2" GRSC
[P4]	R/W 35 MALS STA 2+00, 4+00, 5+00, 6+00 POWER	2-1/C #4 AWG 600V, THWN, 6-1/C #2 AWG 600V, THWN, 4-#6 AWG 600V, THWN (GROUND)	4" SCH. 40 PVC
[P4A]	R/W 35 MALS STA 2+00 POWER	2-1/C #4 AWG 600V, THWN, 1-#6 AWG 600V, THWN (GROUND)	2" GRSC
[P5]	R/W 35 MALS STA 2+00, 3+00, 4+00, 5+00 POWER	6-1/C #2 AWG 600V, THWN, 3-#6 AWG 600V, THWN (GROUND)	4" SCH. 40 PVC
[P5A]	R/W 35 MALS STA 4+00 POWER	2-1/C #2 AWG 600V, THWN, 1-#6 AWG 600V, THWN (GROUND)	2" GRSC
[P6]	R/W 35 MALS STA 6+00, 8+00 POWER	4-1/C #2 AWG 600V, THWN, 2-#6 AWG 600V, THWN (GROUND)	4" SCH. 40 PVC
[P6A]	R/W 35 MALS STA 8+00 POWER	2-1/C #2 AWG 600V, THWN, 1-#6 AWG 600V, THWN (GROUND)	2" GRSC
[P7]	R/W 35 MALS STA 8+00 POWER	2-1/C #2 AWG 600V, THWN, 1-#6 AWG 600V, THWN (GROUND)	4" SCH. 40 PVC
[P7A]	R/W 35 MALS STA 8+00 POWER	2-1/C #2 AWG 600V, THWN, 1-#6 AWG 600V, THWN (GROUND)	2" GRSC
[P8]	R/W 35 MALS STA 10+00, 11+00 POWER (MALS)	6-1/C #1 AWG 600V, THWN, 2-1/C #1/0 AWG 600V, THWN, 4-#6 AWG 600V, THWN (GROUND)	4" SCH. 40 PVC
[P8A]	R/W 35 MALS STA 10+00, 11+00 R POWER (MALS)	2-1/C #1 AWG 600V, THWN, 1-#6 AWG 600V, THWN (GROUND)	2" GRSC
[P8B]	R/W 35 MALS STA 10+00, 11+00 C POWER (MALS)	2-1/C #1 AWG 600V, THWN, 1-#6 AWG 600V, THWN (GROUND)	2" GRSC
[P8C]	R/W 35 MALS STA 10+00 POWER (FLASHER)	6-1/C 2/0 AWG 600V, THWN, 3-#6 AWG 600V, THWN (GROUND)	2" GRSC
[P9]	R/W 35 MALS STA 12+00, 13+00 POWER	2-1/C #1 AWG 600V, THWN, 2-1/C #2 AWG 600V, THWN, 2-#6 AWG 600V, THWN (GROUND)	4" SCH. 40 PVC
[P9A]	R/W 35 MALS STA 12+00 POWER (MALS)	2-1/C #1 AWG 600V, THWN, 1-#6 AWG 600V, THWN (GROUND)	2" GRSC UNDER WALKWAY
[P9B]	R/W 35 MALS STA 12+00 POWER (FLASHER)	6-1/C 2/0 AWG 600V, THWN, 2-#6 AWG 600V, THWN (GROUND)	2" GRSC UNDER WALKWAY
[P10A]	R/W 35 MALS STA 14+00 POWER (MALS)	2-1/C 1/0 AWG 600V, THWN, 1-#6 AWG 600V, THWN (GROUND)	2" GRSC UNDER WALKWAY
[P10B]	R/W 35 MALS STA 14+00 POWER (FLASHER)	3-1/C 2/0 AWG 600V, THWN, 1-#6 AWG 600V, THWN (GROUND)	2" GRSC UNDER WALKWAY
[P11]	R/W 35 MALS STA 12+00, 14+00 POWER (FLASHER)	3-1/C 2/0 AWG 600V, THWN, 1-#6 AWG 600V, THWN (GROUND)	4" SCH 40 PVC
[C1]	R/W 17 PAPI CONTROL (SPARE)	PULL WIRE	4" SCH 40 PVC
[C2]	R/W 35 MALS/PAPI CONTROL (SPARE)	PULL WIRE	4" SCH 40 PVC
[C2A]	R/W 35 MALS/PAPI CONTROL (SPARE)	PULL WIRE	4" SCH 40 PVC (CONCRETE ENCASED)
[C3]	R/W 33 MALSF STA 10+00, 12+00, 14+00 CONTROL	2-#18 AWG SHIELDED, 2-#6 PR #19 AWG INDV SHIELDED	4" SCH 40 PVC (4" GRSC UNDER GRAVEL ACCESS ROAD)
[C3A]	R/W 33 MALSF STA 10+00 CONTROL	4-#18 AWG SHIELDED, 2-#6 PR #19 AWG INDV SHIELDED (1 IN. 1 OUT)	2" GRSC
[C4]	R/W 33 MALSF STA 10+00, 14+00 CONTROL	2-#18 AWG SHIELDED, 2-#6 PR #19 AWG INDV SHIELDED	4" SCH 40 PVC
[C4A]	R/W 33 MALSF STA 12+00 CONTROL	4-#18 AWG SHIELDED, 2-#6 PR #19 AWG INDV SHIELDED (1 IN. 1 OUT)	2" GRSC UNDER WALKWAY
[C5]	R/W 33 MALSF STA 14+00 CONTROL	2-#18 AWG SHIELDED, 2-#6 PR #19 AWG INDV SHIELDED	2" GRSC UNDER WALKWAY
[PP1]	PAPI P & C STATION POWER	3-1/C 1/0 AWG 600V, THWN (1/W 17), 1-#6 AWG 600V, THWN (GROUND)	2" GRSC
[PP1A]	PAPI P & C STATION POWER (JUNCTION BOX)	3-1/C 1/0 AWG 600V, THWN (1/W 17), 1-#6 AWG 600V, THWN (GROUND)	2" EMT (ABOVE GROUND)

CABLE / DUCT SCHEDULE (CONT.)

SYM	FUNCTION	CABLE	CONDUIT/DUCT (SEE NOTE 2)
[PP1B]	PAPI P & C STATION POWER (DISCONNECT)	3-1/C #1/0 AWG 600V, THWN, 1-1/C #1/0 AWG 600V, THWN (GROUND)	2" GRSC (ABOVE GROUND)
[PP1C]	PAPI P & C STATION POWER (P & C UNIT)	3-1/C #1/0 AWG 600V, THWN, 1-1/C #1/0 AWG 600V, THWN (GROUND)	1" LIQUID TIGHT CONDUIT (ABOVE GROUND)
[PP1D]	PAPI P&C RECEIPTABLE POWER	2-1/C #12 AWG 600V, THWN, 1-1/C #12 AWG 600V, THWN (GROUND)	1" GRSC (ABOVE GROUND)
[PP2]	PAPI RMS POWER	5-1/C #10 AWG 600V, THWN, 1-1/C #10 AWG 600V, THWN (GROUND)	1" LIQUID TIGHT CONDUIT (ABOVE GROUND)
[PP3]	PAPI RRCS POWER (VA G-G DECODER)	3-1/C #10 AWG 600V, THWN, 1-1/C #10 AWG 600V, THWN (GROUND)	1" LIQUID TIGHT CONDUIT (ABOVE GROUND)
[PP4]	PAPI RRCS G-G RECEIVER POWER	2-1/C #10 AWG 600V, THWN, 1-1/C #10 AWG 600V, THWN (GROUND)	1" LIQUID TIGHT CONDUIT (ABOVE GROUND)
[PP5]	PAPI RRCS INTERFACE UNIT POWER	3-1/C #10 AWG 600V, THWN, 1-1/C #10 AWG 600V, THWN (GROUND)	1" LIQUID TIGHT CONDUIT (ABOVE GROUND)
[PP6]	PAPI RRCS A-G RECEIVER POWER	2-1/C #10 AWG 600V, THWN, 1-1/C #10 AWG 600V, THWN (GROUND)	1" LIQUID TIGHT CONDUIT (ABOVE GROUND)
[PP7]	PAPI LHA POWER	8-1/C #8 AWG 600V, THWN, 4-1/C #8 AWG 600V, THWN (GROUND)	2" GRSC
[PP7A]	PAPI LHA POWER	8-1/C #8 AWG 600V, THWN, 4-1/C #8 AWG 600V, THWN (GROUND)	2" EMT (ABOVE GROUND)
[PP8]	PAPI LHA POWER	2-1/C #8 AWG 600V, THWN, 1-1/C #8 AWG 600V, THWN (GROUND)	2" GRSC
[PC]	PAPI P & C CONTROL (SPARE)	PULL WIRE	2" GRSC
[PC1A]	PAPI P & C CONTROL (VIA RMS)	PULL WIRE	2" EMT (ABOVE GROUND)
[PC2]	PAPI RMS/P & C UNIT CONTROL	1-12 PAIR #19 AWG TWISTED, SHIELDED, 2-6 PAIR #19 AWG TWISTED, SHIELDED	1" LIQUID TIGHT CONDUIT (ABOVE GROUND)
[PC3]	PAPI RRCS/RMS CONTROL	1-6 PAIR #19 AWG TWISTED, SHIELDED, 1 #14 AWG 600V, THWN	1" LIQUID TIGHT CONDUIT (ABOVE GROUND)
[PC4]	PAPI RRCS G-G CONTROL	1-6 PAIR #19 AWG TWISTED, SHIELDED	1" LIQUID TIGHT CONDUIT (ABOVE GROUND)
[PC5]	PAPI RRCS INTERFACE UNIT CONTROL	1-6 PAIR #19 AWG TWISTED, SHIELDED	1" LIQUID TIGHT CONDUIT (ABOVE GROUND)
[PC6]	PAPI RRCS/RMS CONTROL	2-1/C #14 AWG 600V THWN	1" LIQUID TIGHT CONDUIT (ABOVE GROUND)
[PC7]	PAPI LHA CONTROL	4-6 PAIR #19 AWG TWISTED, SHIELDED	2" GRSC
[PC7A]	PAPI LHA CONTROL	4-6 PAIR #19 AWG TWISTED, SHIELDED	2" EMT (ABOVE GROUND)
[PC8]	PAPI LHA CONTROL	1-6 PAIR #19 AWG TWISTED, SHIELDED	2" GRSC
[LPG]	LIGHTNING PROTECTION	THOMPSON 32 (OR APPROVED EQUAL)	1" SCH. 40 PVC (ABOVE GROUND)
[EBG]	EQUIPMENT BASE GROUND	1 #6 AWG BARE COPPER	1" SCH. 40 PVC (ABOVE GROUND)
[EG]	EQUIPMENT GROUND	1 #6 AWG 600V THWN (GROUND)	1" SCH. 40 PVC
[EGL]	EQUIPMENT GROUND	1 #6 AWG 600V THWN (GROUND)	1" LIQUID TIGHT CONDUIT (ABOVE GROUND)

NOTES:

- CONDUIT/DUCT LISTED INDICATES THE GENERAL CONDUIT/DUCT REQUIRED AND DOES NOT INDICATE TRANSITIONS, RISERS, COUPLINGS, GUARD WIRE, ETC. WHICH MAY BE REQUIRED. SEE INDIVIDUAL FACILITY DRAWINGS FOR SPECIFIC CONDUIT/DUCT INFORMATION.
- UNLESS OTHERWISE INDICATED, CONDUIT/DUCT RUNS ARE UNDERGROUND.
- ALL BURIED CONDUIT/DUCT SHALL INCLUDE GUARD WIRE (NOW #6B) (INGW4/OB) OVER LOCALIZER CABLES.

SUBMITTED BY:  
EDWARDS AND KELCEY



TOWN OF NORWOOD  
AIP NO. 3-25-0037-18  
NORWOOD MEMORIAL AIRPORT  
NORWOOD, MASSACHUSETTS

DUCT/CONDUIT AND CABLE/WIRE REFERENCE TABLES

Edwards and Kelcey