



1. THE TOTAL AMOUNT OF DEMOLITION REQUIRED FOR THE PROJECT IS NOT INDICATED ON THE DEMOLITION PLANS. THEY ARE INCLUDED FOR THE CONVENIENCE OF THE CONTRACTOR. THEY INDICATE THE GENERAL EXTENT OF THE REMOVAL WORK REQUIRED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FULLY INSPECT THE BUILDING AND VERIFY ALL CONDITIONS AND FULL EXTENT OF DEMOLITION PRIOR TO SUBMITTING BID.

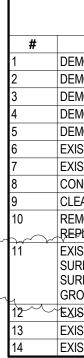
2. THE SUBCONTRACTORS FOR ELECTRICAL AND HVAC ARE RESPONSIBLE FOR ESTABLISHING THE SCOPE OF DEMOLITION REQUIRED TO PERFORM THE WORK FOR THEIR RESPECTIVE TRADE. DEMOLITION DRAWINGS FOR THESE DISCIPLINES ARE INCLUDED FOR THE CONVENIENCE OF THE CONTRACTOR.

3. MAINTAIN BUILDING IN STRUCTURALLY SOUND CONDITION AT ALL TIMES. DO NOT REMOVE ANY PORTION OF THE BUILDING STRUCTURE INCLUDING COLUMNS, LOAD BEARING WALLS, BEAMS FLOOR CONSTRUCTION, PERIMETER WALLS OR FIREPROOFING OF STRUCTURAL ELEMENTS UNLESS SPECIFICALLY NOTED.

4. PROTECT ALL FINISHES AND COMPONENTS OF BUILDING WHICH ARE TO REMAIN. ANY DAMAGED MATERIAL, EQUIPMENT OR ITEMS TO REMAIN SHALL BE REPAIRED OR REPLACED TO MATCH EXISTING CONSTRUCTION, AND ARE THE RESPONSIBILITY OF THE CONTRACTOR.

5. VERIFY CONCEALED CONSTRUCTION CONDITIONS PRIOR TO REMOVAL OF ANY ITEMS. CAREFULLY ASSESS EACH ITEM TO BE REMOVED FOR DETRIMENTAL RESULTS IF REMOVED. PERFORM EXPLORATORY DEMOLITION TO DETERMINE METHODS OF ATTACHMENTS, UTILITY INTERFACES, INTERCONNECTIONS AND OTHER CONCEALED CONDITIONS PRIOR TO DEMOLITION.

6. ITEMS DESIGNATED TO BE REMOVED AND SALVAGED SHALL BE DELIVERED TO A SAFE REMOTE LOCATION FOR RETROFITTING OR A SAFE LOCATION ON SITE FOR CLEANING AND STORAGE BY THE CONTRACTOR.



SHEET NOTES - DEMOLITION

7. MAINTAIN CODE COMPLIANT AND UNOBSTRUCTED EXIT PATHS AT ALL TIMES.

8. PRIOR TO DEMOLITION WORK, THE CONTRACTOR SHALL ASSESS AND IDENTIFY UTILITIES WITHIN THE DEMOLITION AREA THAT SERVE OCCUPIED SPACES OUTSIDE OF THE AREA OF THAT PHASE OF WORK. THOSE UTILITIES SHALL BE PROTECTED AND RESUPPORTED WHERE NECESSARY TO MAINTAIN CONTINUITY OF SERVICE.

9. AREAS SURROUNDING THE AREA OF THIS CONTRACT SHALL REMAIN FULLY OCCUPIED DURING THE WORK. CAREFULLY SCHEDULE AND COORDINATE THIS WORK WITH THE OWNER TO MINIMIZE DISRUPTION TO ANY ACTIVITIES. SOME OF THE WORK MAY NEED TO BE PERFORMED OFF HOURS.

10. WHERE PARTIAL DEMOLITION IS NOT INDICATED BUT IS NECESSARY TO PERFORM NEW WORK, THAT AREA SHALL BE REMOVED AS NECESSARY AND REFINISHED/REPLACED TO MATCH THE EXISTING CONTIGUOUS CONSTRUCTION

NOTE

DEMOLISH PEMB FRAMES

DEMOLISH PEMB COLUMNS

DEMOLISH MEZZANINE BAR JOISTS

DEMOLISH MEZZANINE FLOOR SLAB AND ASSOCIATED FRAMING

DEMOLISH STEEL STAIR AND RAILING EXIST 8"X8" HSS COLUMNS TO REMAIN

EXIST WIDE FLANGE STEEL BEAM TO REMAIN

CONCRETE PAVING TO REMAIN

CLEAN AND UNCLOG EXIST PLUMBING DRAINS AND EXISTING PIPES, PREPARE FOR REUSE REMOVE CONCRETE SLAB AND PLUMBING IN THE FOOTPRINT OF THE NEW RESTROOM, PREPARE AND REPLACE PLUMBING AND CONCRETE, REF. PLUMBING & STRUCTURAL DRAWINGS EXISTING CONCRETE FLOOR SLAB TO REMAIN. BEAD BLAST OR SCARIFY THE EXISTING CONCRETE SURFACE AND REMOVE ANY COATINGS, SEALERS, LAITANCE, OR LOOSE CONCRETE, AND CLEAN THE SURFACE THOROUGHLY BEFORE APPLYING A BOND COAT AND THEN APPLY A SELF-LEVELING EPOXY GROUT PER THE MANUFACTURER'S REQUIREMENTS. PROVIDE CLEAR CONCRETE SEALER.

TEXISP CURB TO REMAIN _____ MMM EXISTING BRICK BELOW FFE TO REMAIN, PREPARE BRICK TO RECEIVE NEW BRICK VENEER EXIST BOLLARD TO REMAIN, PREPARE FOR NEW PAINT

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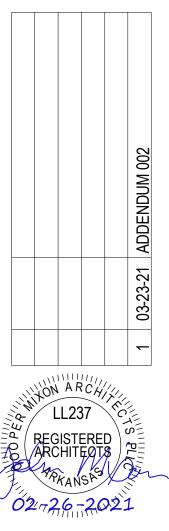
AIRPORT

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MUNICIP

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JONESBOR



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CONSTRUCTION DOCUMENTS

PROJECT NO.

2034

PROJECT NAME

ARFF REPLACEMENT

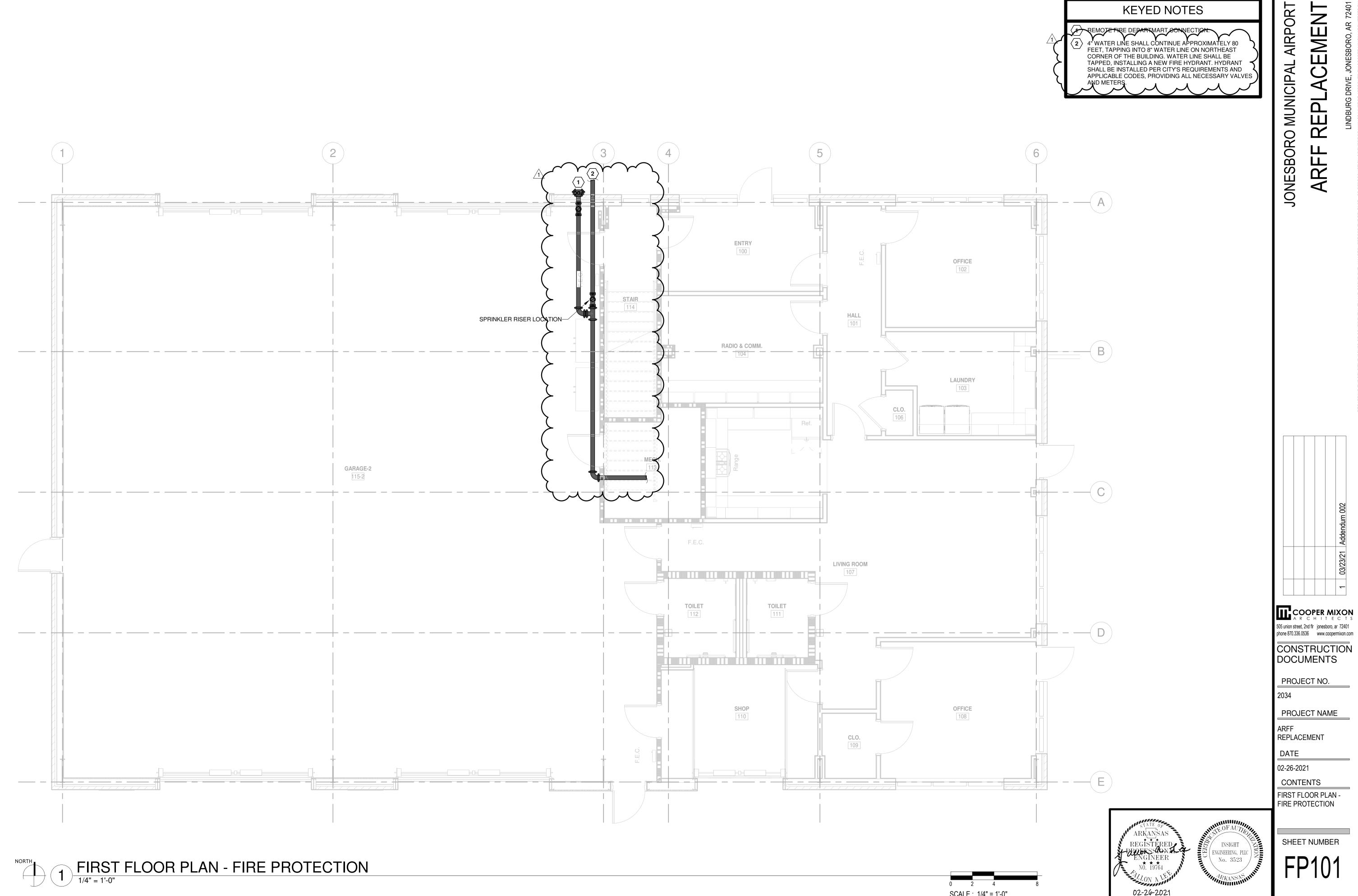
DATE

02-26-2021

CONTENTS DEMOLITION PLAN

SHEET NUMBER





HEAT	PUMP AIR HANDL	ERS				ELECTR	RIC HEATING	COIL	HEAT	ING				ELEC	FRICAL				
DESIGNATION	REFERENCE PRODUCT	TYPE	AIR FLOW RATE (CFM)	External Pressure (In. Water)	FILTER TYPE	TEMP RISE (DEGREE F)	ELECTRICAL INPUT (KW)	NUMBER OF STAGES	UNIT CAPACITY (MBH)	TOTAL CAPACITY (MBH)	FAN SPEED	AIR EDB (DEGREE F	AIR LDB) (DEGREE F)	VOLTS	PHASE	FAN MOTOR (HP)	MINIMUM CIRCUIT AMPS	MAX OVERLOAD AMPS	
AHU-1	TRANE: TEM4A0B36S31	VERTICAL	1200	0.5	MERV 8	23	7.7	1	36	22.4	1075	70	88	230	1	0.5	43	45	PROVIDE WALL MOUNTED
AHU-2	TRANE: TEM4A0B36S32	VERTICAL	1200	0.5	MERV 8	23	7.7	1	36	22.4	1075	70	88	230	1	0.5	43	45	PROVIDE WALL MOUNTED
AHU-3	TRANE: TEM4A0B36S33	VERTICAL	1200	0.5	MERV 8	23	7.7	1	36	22.4	1075	70	88	230	1	0.5	43	45	PROVIDE WALL MOUNTED
AHU-4	TRANE: TEM4A0B36S34	VERTICAL	1200	0.5	MERV 8	23	7.7	1	36	22.4	1075	70	88	230	1	0.5	43	45	PROVIDE WALL MOUNTED
	\sim	$\overline{}$		\sim	\mathcal{N}		\sim	\sim	$\overline{}$		$\overline{}$		\sim	\sim	$\overline{}$	$\overline{}$	$\overline{\boldsymbol{\mathcal{A}}}$		M
HEAT	PUMP CONDENSING L	JNITS	COOLIN	G					H	EATING			ELECTRICAL						
DESIGNATION	REFERENCE PRODUC	Г	REFRIGERAN TYPE	T TOTAL CAPACITY (MBH)		AIR A DB / EWB LDB / EGREE F) (DEGR				CITY TEMPE	ENT AIR RATURE REE F)		OLTS PHASE	COMPRES LOAD AN	IPS MO	TOR CIR	IMUM CUIT MPS	REN	MARKS
HP-1	TRANE: 4TWR4036G1		R-410A	34.3	21.7 7	8.0 / 67.0 58.7	/ 56.3 95	14	4 22.	2	17	2.3	208 1	14.1	0	.2 1	14		ON CONDENSING UNIT. TURER'S INSTRUCTIONS.
HP-2	TRANE: 4TWR4036G2		R-410A	34.3	21.7 7	8.0 / 67.1 58.7	/ 56.4 95	14	4 22.	2	17	2.3	208 1	14.1	0	.2 1	INSTAL	L PER MANUFAC	ON CONDENSING UNIT. TURER'S INSTRUCTIONS.
	TRANE: 4TWR4036G3		R-410A	34.3	21.7 7	3.0 / 67.2 58.7	/ 56.5 95	14	4 22.	2	17	2.3	208 1	14.1	0	.2 1	14		ON CONDENSING UNIT. TURER'S INSTRUCTIONS.
HP-3	TICANE: 41111405005																		ON CONDENSING UNIT.

VEHICI	E EXHAU	ST SYSTEM									_	
DESIGNATION	REFERENCE	TYPE	SERVES	AIR FLOW RATE	HOSE DIAMETER DR		WEIGHT (LBS)	ELI	ELECTRICAL			
	PRODUCI		`	(CFM)			(LDS)	MHP	VOLTS	PHASE	1	
VE-1	MONOXIVENT: 9000-W	SPRING HOSE REEL W/ MOUNTED FAN	GARAGE	600	6"	DIRECT	75	1.5	120	1	F	
VE-2	MONOXIVENT: 9000-W	SPRING HOSE REEL W/ MOUNTED FAN	GARAGE	600	6"	DIRECT	75	1.5	120	1	F	
VE-3	MONOXIVENT: 9000-W	SPRING HOSE REEL W/ MOUNTED FAN	GARAGE	600	6"	DIRECT	75	1.5	120	1	F	
VE-4	MONOXIVENT: 9000-W	SPRING HOSE REEL W/ MOUNTED FAN	GARAGE	600	6"	DIRECT	75	1.5	120	1	F	

EXHAU	JST FANS	5											
DESIGNATION	REFERENCE	TYPE	SERVES	AIR FLOW RATE	TOTAL STATIC PRESSURE	ROTATION (RPM)	DRIVE	SONES	МОТ	OR SIZE	ELECT	RICAL	REMARKS
EF-1 (EF-2 (EF-3 (1100001			(CFM)	(IN. WATER)				BHP	MHP	VOLTS	PHASE	
EF-1	GREENHECK: SQ-70-VG	INLINE	TLT 112	50	0.05	600	DIRECT	0.3	0.1	1/15	120	1	INTERLOCK FAN WITH LIGHTSWITCH. INSTALL PER MANUFACTURER'S INSTRUCTIONS
EF-2	GREENHECK: SQ-70-VG	INLINE	TLT 111	50	0.05	600	DIRECT	0.3	0.1	1/15	120	1	INTERLOCK FAN WITH LIGHTSWITCH. INSTALL PER MANUFACTURER'S INSTRUCTIONS
EF-3	GREENHECK: SPB70	CEILING	TLT 204	50	0.1	675	DIRECT	0.5	0.1	17 WATTS	120	1	INTERLOCK FAN WITH LIGHTSWITCH. INSTALL PER MANUFACTURER'S INSTRUCTIONS
EF-4	GREENHECK: SPB70	CEILING	TLT 203	50	0.1	675	DIRECT	0.5	0.1	17 WATTS	120	1	INTERLOCK FAN WITH LIGHTSWITCH. INSTALL PER MANUFACTURER'S INSTRUCTIONS
EF-5	GREENHECK: SE1-18-429- VG	WALL MOUNTED	GARAGE 115	2,800	0.25	1250	DIRECT	10.5	0.29	3/4	120	1	FAN SHALL BE INTERLOCKED WITH LOUVERS. PROVIDE WALL COLLAR AND BIRD SCREEN. INSTALL PER MANUFACTURER'S INSTRUCTIONS. PROVIDE MOTOR STARTER AND ELECTRICAL DISCONNECT.

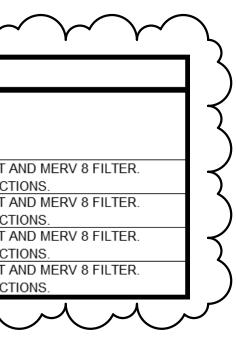
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DESIGNATION	REFERENCE PRODUCT	CONFIGURATION	MAXIMUM AIRFLOW (CFM)	TOTAL PRESSURE (IN. WATER)	NECK SIZE (IN.)	PANEL SIZE (IN.)	MAX. N.C.	FINISH	REMARKS
А	TITUS: OMNI AA	LAY-IN PLAQUE	225	0.099	6	24 x 24	30	WHITE	
В	TITUS: OMNI AA	LAY-IN PLAQUE	350	0.112	8	24 x 24	30	WHITE	
С	TITUS: OMNI AA	LAY-IN PLAQUE	550	0.168	10	24 x 24	30	WHITE	
D	TITUS: OMNI AA	LAY-IN PLAQUE	700	0.191	12	24 x 24	30	WHITE	
E	TITUS: 350	LINEAR SIDEWALL	300	0.022	10 x 10	12 x 12	30	WHITE	
F	TITUS: 350	LINEAR SIDEWALL	200	0.022	10 x 6	12 x 8	30	WHITE	
1	TITUS: 350RL	LINEAR SIDEWALL	1275	0.022	20 x 20	22 X 22	30	WHITE	
2	TITUS: 50F	LAY-IN EGGCRATE	1650	0.095	18 x 18	24 x 24	30	WHITE	1/2" x 1/2" x 1/2" ALUMINUM CORE. PROVIDE FILTER.
3	TITUS: 50F	LAY-IN EGGCRATE	875	0.022	12 x 12 or 12"	24 x 24	30	WHITE	1/2" x 1/2" x 1/2" ALUMINUM CORE. PROVIDE FILTER. USE SRG ADAPTER WHERE ROUND NECK SIZE IS INDICATED ON PLANS
4	TITUS: 50F	LAY-IN EGGCRATE	100	0.095	6"	24 x 24	30	WHITE	1/2" x 1/2" x 1/2" ALUMINUM CORE. PROVIDE FILTER. USE SRG ADAPTER WHERE ROUND NECK SIZE IS INDICATED ON PLANS

REMARKS

 PROVIDE SERIES 4000 HOSE WITH SPRING HOSE REEL, STAINLESS STEEL 6" CONE ADAPTOR, VISE GRIP, D SERIES BLOWER W/ FLANGES, SWITCH FOR ON/OFF, PULL DOWN ROPE HANDLE, WORM GEAR CLAMP. INSTALL PER MANUFACTURER'S
PROVIDE SERIES 4000 HOSE WITH SPRING HOSE REEL, STAINLESS STEEL 6" CONE ADAPTOR, VISE GRIP, D SERIES BLOWER W/ FLANGES, SWITCH FOR ON/OFF, PULL DOWN ROPE HANDLE, WORM GEAR CLAMP. INSTALL PER MANUFACTURER'S
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UNIT H	EATERS -	ELECTR	IC							
DESIGNATION	REFERENCE	SERVES	HEATING CAPACITY	HEATING	AIR FLOW RATE	TEMP RISE	MOTOR SIZE	ELEC	TRICAL	REMARKS
DESIGNATION	PRODUCT	JLKVLJ	(KW)	(MBH)	(CFM)	(DEGREE F)	(MHP)	VOLTS	PHASE	
UH-1	REZNOR: EGEB5	SHOP	5	17.1	310	51	1/50	230	1	INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE WALL MOUNTED THERMOSTAT AND MOUNTING BRACKET.
UH-2	REZNOR: EGEB10	GARAGE	10	34.1	625	51	1/33	230	1	INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE WALL MOUNTED THERMOSTAT AND MOUNTING BRACKET.
UH-3	REZNOR: EGEB10	GARAGE	10	34.1	625	51	1/33	230	1	INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE WALL MOUNTED THERMOSTAT AND MOUNTING BRACKET.
UH-4	REZNOR: EHC3	STAIRS	3	10.2	160	60	20 AMPS	230	1	INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE INTEGRAL THERMOSTAT, AND WHITE RECESSED CABINET.

LOUV	ERS								
DESIGNATION	REFERENCE PRODUCT	TYPE	WIDTH (INCHES)	HEIGHT (INCHES)	DEPTH (INCHES)	MAXIMUM AIR FLOW (CFM)	Pressure Drop (In. Water)		REMARKS
L-1	GREENHECK:	COMBINATION	44	32	6	2800	0.033	ALUMINUM	PROVIDE MANUFACTURER'S BIRD AND INSECT SCREEN.
	EAD-635	LOUVER/DAMPER		52	0	2000	0.000	/Lowintow	PAINT TO MATCH ADJACENT SURFACE.
L-2,3	GREENHECK:	COMBINATION	20	32	6	1200	0.033	ALUMINUM	PROVIDE MANUFACTURER'S BIRD AND INSECT SCREEN.
L-2,3	EAD-635	LOUVER/DAMPER	20	32	0	1200	0.055	ALOMINUM	PAINT TO MATCH ADJACENT SURFACE.
1.4	GREENHECK:	STATIONARY	4.4	12	6	450	0.020		PROVIDE MANUFACTURER'S BIRD AND INSECT SCREEN.
L-4	ESD-635	INTAKE	14	12	6	150	0.038	ALUMINUM	PAINT TO MATCH ADJACENT SURFACE.
1.5	GREENHECK:	STATIONARY	4.4	10	C	450	0.020		PROVIDE MANUFACTURER'S BIRD AND INSECT SCREEN.
L-5	ESD-635	EXHAUST	14	12	6	150	0.038	ALUMINUM	PAINT TO MATCH ADJACENT SURFACE.
	GREENHECK:	STATIONARY	00	10	0	450	0.040		PROVIDE MANUFACTURER'S BIRD AND INSECT SCREEN.
L-6	ESD-635	INTAKE	20	18	6	450	0.042	ALUMINUM	PAINT TO MATCH ADJACENT SURFACE.



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CONSTRUCTION DOCUMENTS

PROJECT NO.

2034

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02-26-2021

CONTENTS

MECHANICAL

SCHEDULES

SHEET NUMBER M301



