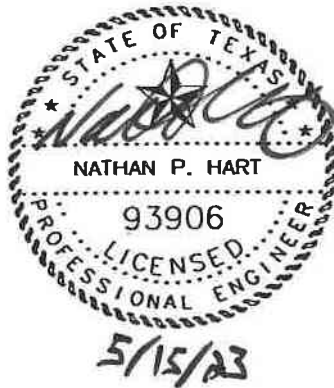


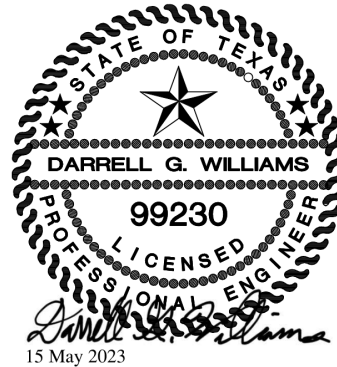
May 15, 2023



12001 North Central Expressway  
Suite 1100  
Dallas, TX 75243  
(972) 788-4222  
www.rwb.net  
TBPE Registered Firm# 2176



MECHANICAL ENGINEER OF RECORD



ELECTRICAL ENGINEER OF RECORD

**RWB CONSULTING ENGINEERS  
MECHANICAL, PLUMBING & ELECTRICAL ADDENDUM 2 ITEMS FOR  
T.E. BAXTER ES - HVAC REPLACEMENT  
MIDLOTHIAN I.S.D.**

**Questions from the Pre-Bid meeting and after:**

1. Do the existing gas cocks/plug valves need to be replaced at RTUs as part of new gas connection assembly?

**Response:** Yes, key notes have been revised on DMPE1.01 & MPE1.01 sheets to reflect this in this Addendum.

2. Who is the fire alarm vendor for the project?

**Response:** Existing Fire alarm panel manufacturer is Silent Knight and the company that currently services the school is "Bat Security, George Horn, 214-228-0745". This information has been added to Electrical drawings in this addendum.

3. Would the District consider allowing the bidder to submit the Electronic Flash Drive bid documents by end of the next business day after the bid closing? Since this CSP is a "hard copy" bid, following up later with the flash drive would ease the bidder's burden for a timely bid delivery.

**Response:** A flash drive of completed documents shall be included with the hard copy proposal. The intent of the flash drive is to have the District documents in an electronic form. The bid form (pricing document) is not required to be on the flash drive. All physical original documents supersede any document on the flash drive.

4. There are multiple locations where antenna guide cable is attached to RTUs that are to be replaced. These antennas are not in scope of work for this project. will contractor be responsible for removing and securing these antennae?

**Response:** Yes, the contractor is responsible for removing and securing the antennae cables to a temporary location until the new unit is installed and secure back to new RTU after new unit is installed.

5. Is a Payment Bond and Performance Bond required with submission?

**Response:** Yes, both payment bond and performance bond are required with the submission.

The following items modify the Drawings and shall become part of the Contract Documents.

### **REVISED & REISSUED DRAWINGS**

The following list of drawings notes drawings revised and re-issued in this addendum. Previous versions of these drawings shall be removed and replaced with these revised drawings. For a list of drawings that are revised in this addendum, but not re-issued, refer to the REVISIONS TO DRAWINGS article and the narration provided for the revisions to drawings not re-issued in this addendum.

#### **1. REVISED & REISSUED DRAWINGS**

1. DM1.01 – DEMOLITION FLOOR PLAN – AREA 1 – HVAC
2. DM1.02 – DEMOLITION FLOOR PLAN – AREA 2 – HVAC
3. DM1.03 – DEMOLITION FLOOR PLAN – AREA 3 – HVAC
4. DM1.04 – DEMOLITION FLOOR PLAN – AREA 4 – HVAC
5. MP3.01 – SCHEDULES AND LEGEND – MECHANICAL & PLUMBING
6. E1.01 – OVERALL FLOOR PLAN - ELECTRICAL

### **REVISIONS TO DRAWINGS NOT RE-ISSUED**

Please refer to the REVISED & REISSUED DRAWINGS article for a list of all drawings revised in this addendum. Previous versions of these drawings shall be removed and replaced with these revised drawings. The following list of drawings are revised in this addendum, but not re-issued. Refer to the narration provided for the revisions.

#### **1. REVISED (NOT RE-ISSUED) DRAWINGS**

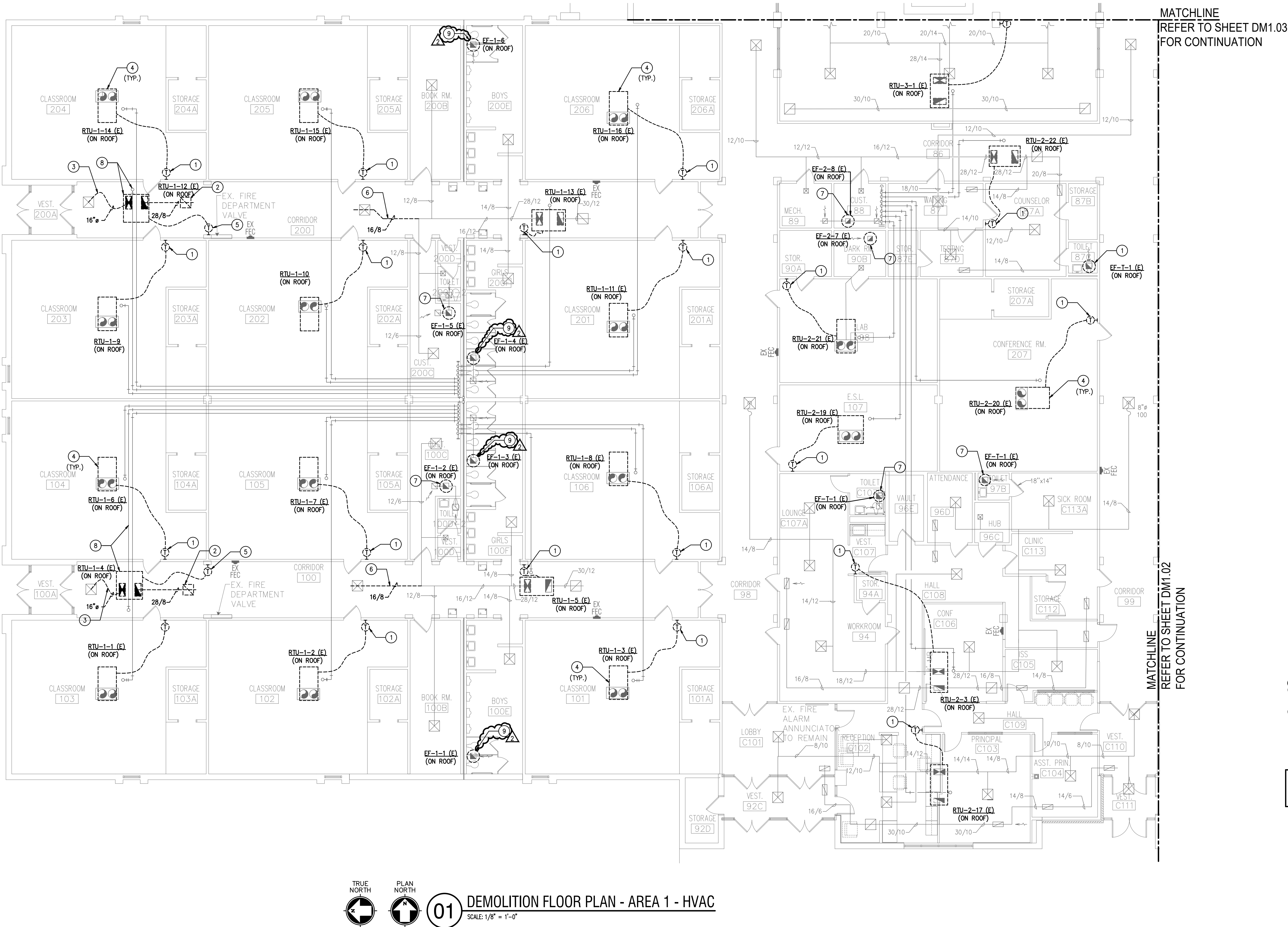
1. DMPE1.01 – DEMOLITION ROOF PLAN – MPE
  - A. Refer to Keynote 1 under Notes by Symbol and revise to read as follows:  
 “1. REMOVE EXISTING NATURAL GAS ASSEMBLY FEEDING EXISTING ROOFTOP UNIT AND CAP FOR FUTURE CONNECTION TO NEW ROOFTOP UNIT. EXISTING GAS COCK/PLUG VALVE TO BE REMOVED AND REPLACED WITH NEW.”
2. MPE1.01 - ROOF PLAN – MPE
  - A. Refer to Keynote 1 under Notes by Symbol and revise to read as follows:  
 “1. CONTRACTOR TO REPLACE EXISTING NATURAL GAS ASSEMBLY TO NEW ROOF TOP UNIT. REFER TO DETAIL '1' ON DRAWING MP2.01 FOR GAS CONNECTION TO ROOF TOP UNIT DETAIL. EXTEND PIPING AND ADD ROOF TOP SUPPORTS AS REQUIRED FOR FINAL CONNECTION TO UNIT. PROVIDE NEW GAS COCK/PLUG VALVE AT EACH UNIT IN PLACE OF EXISTING.”
3. DM1.05 – DEMOLITION FLOOR PLAN – AREA 5 – HVAC
  - A. Refer to Keynote 3 under Notes by Symbol and revise to read as follows:  
 “3. EXISTING EXHAUST FAN ON ROOF TO BE REMOVED AND REPLACED WITH NEW. DISCONNECT EXISTING DUCTWORK BELOW ROOF FROM EXISTING EXHAUST FAN AND CONNECT TO NEW FAN. EXISTING WALL SWITCH INTERLOCKED WITH EXISTING FAN TO REMAIN AND BE RE-USED.”
  - B. Refer to Keynote 4 under Notes by Symbol and revise to read as follows:  
 “4. EXISTING CEILING MOUNTED EXHAUST FAN TO BE REMOVED AND REPLACED WITH NEW. DISCONNECT EXISTING DUCTWORK FROM EXISTING EXHAUST FAN AND CONNECT TO NEW FAN. EXISTING WALL SWITCH INTERLOCKED WITH EXISTING FAN TO REMAIN AND BE RE-USED.”

END OF RWB CONSULTING ENGINEERS' ADDENDUM ITEMS

**Baxter HVAC Replacement Pre-Bid Meeting**  
**LA Mills Administration Building**  
**May 10, 2023 - 10: 00 AM**

[illegible]

Drawing: 22146-00 - MIDLOTHIAN ISD BAXTER ES HVAC DEMOLITION FLOOR PLAN - AREA 1 - HVAC  
Job: 22146-00  
Drawn By: HJ/NH  
Checked By: HJ/NH  
Date: 5/15/23  
Scale: 1/8" = 1'-0"

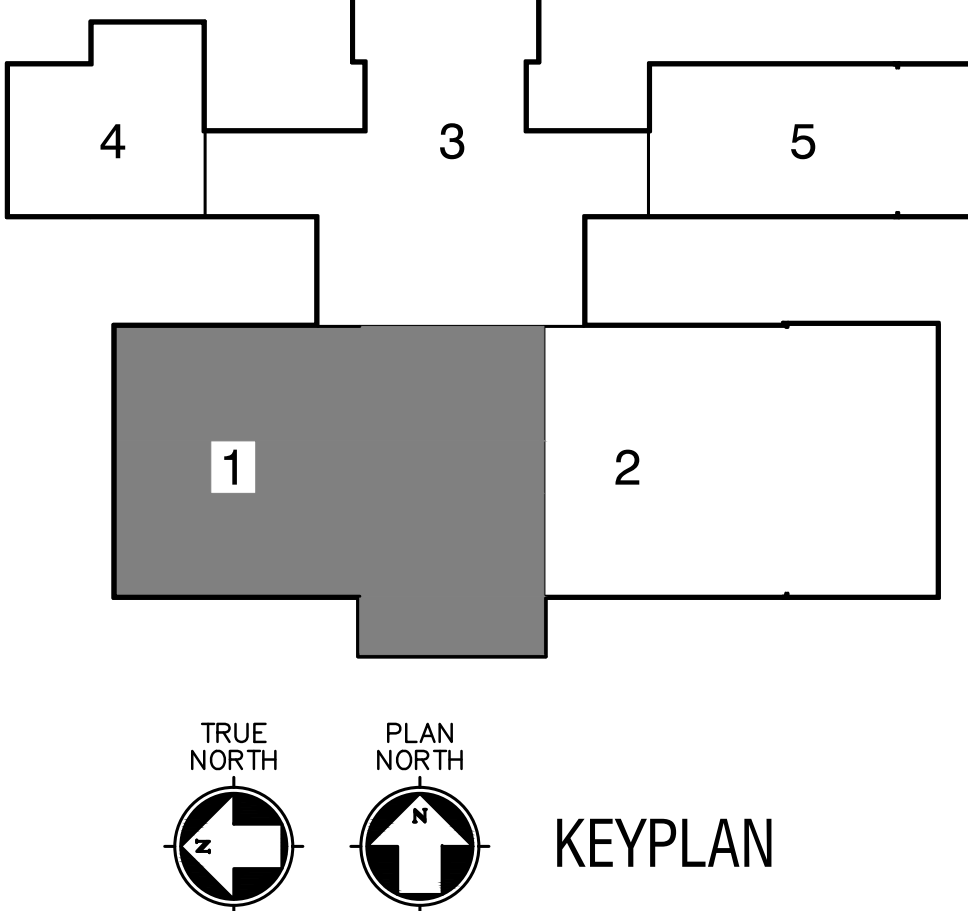


#### GENERAL DEMOLITION NOTES:

- THE INFORMATION ON THE DEMOLITION DRAWINGS ARE NOT FROM "AS-BUILT" DRAWINGS BUT FROM ORIGINAL DRAWINGS. THIS INFORMATION IS INCLUDED FOR REFERENCE ONLY. CONTRACTOR WILL BE RESPONSIBLE FOR VISITING THE SITE PRIOR TO SUBMITTING A BID TO DETERMINE THE AMOUNT OF WORK THAT WILL BE REQUIRED. CONTRACTOR SHALL EXAMINE THE EXISTING BUILDING AND GENERALLY VERIFY THE LOCATION OF ALL EXISTING WORK AND BECOME INFORMED AS TO THE RELATION TO, AND EFFECT ON, THE WORK REQUIRED BEFORE SUBMITTING A BID. SUBMISSION OF A BID WILL CONSTITUTE EVIDENCE THAT THE CONTRACTOR HAS INSPECTED THE SITE OF THE PROPOSED WORK.
- EXISTING MPE ITEMS TO BE REMOVED SHALL BE RETURNED TO THE OWNER OR DISPOSED OF AS DIRECTED BY THE DESIGNATED OWNER'S REPRESENTATIVE.
- COORDINATE DEMOLITION WORK WITH THE BUILDING MAINTENANCE PERSONNEL AND OTHER TRADES PERFORMING WORK IN THE BUILDING PRIOR TO THE REMOVAL OF ANY ITEMS OF EQUIPMENT OR SYSTEMS THAT WILL EFFECT OTHER SYSTEMS WITHIN THE LIMIT OF NEW CONSTRUCTION OR OTHER AREAS OF THE BUILDING. THE BUILDING WILL BE OCCUPIED DURING CONSTRUCTION; AND, THEREFORE, UTILITIES MUST REMAIN IN OPERATION AT ALL TIMES. ANY REQUIRED OUTAGES MUST BE COORDINATED WITH THE OWNER.
- PRIOR TO THE REMOVAL OF ANY MPE ITEMS OR EQUIPMENT, CONTRACTOR MUST VERIFY THE ORIGIN AND TERMINATION OF THOSE SYSTEMS AND CONFIRM THAT THE ITEMS BEING REMOVED DO NOT SERVE ANY ITEMS THAT ARE TO REMAIN (INCLUDING THOSE IN AREAS OUTSIDE THE CONTRACT LIMITS).
- CONTRACTOR SHALL CONTACT CONTROLS SYSTEM INSTALLER BEFORE ANY DEMOLITION WORK IS STARTED TO ALLOW THEM TO TAG & IDENTIFY ITEMS TO REMAIN AND BE PROTECTED AND ITEMS TO BE REMOVED. THE CONTROLS SYSTEM INSTALLER SHALL COORDINATE WITH THE OWNER FOR ELEMENTS OF THE EXISTING CONTROLS SYSTEM THAT SHALL BE CAREFULLY REMOVED AND GIVEN TO THE OWNER SUCH AS EXISTING TEMPERATURE SENSORS THAT WILL NOT BE RE-USED. ALL EXISTING TEMPERATURE ONLY SENSORS SERVING EXISTING RTUS SHALL BE CAREFULLY REMOVED, SHRINK WRAPPED, PALLETIZED, AND PROVIDED TO OWNER FOR THEIR USE.
- DO NOT ABANDON ANY ITEMS IN PLACE, REMOVE ALL COMPONENTS ASSOCIATED WITH EACH ITEM CALLED OUT TO BE REMOVED. WHERE ITEMS ARE REMOVED PATCH/REPLACE ROOF, WALLS, CEILING OR FLOOR, AS APPLICABLE, TO MATCH EXISTING FINISHES, WHERE NEW FINISHES ARE CALLED FOR PATCHING SHALL MATCH THE NEW FINISH.
- ALL EXISTING FIRE ALARM, SECURITY AND OTHER CEILING MOUNTED DEVICES TO REMAIN IN OPERATION DURING CONSTRUCTION AND BE RE-INSTALLED AS NEEDED. TEMPORARILY SUPPORT AS NEEDED.
- ALL EXISTING LIGHTS ARE TO BE REUSED AND REMAIN IN PLACE, UNLESS NOTED OTHERWISE. CONTRACTOR TO SUPPORT LIGHTS ABOVE CEILING DURING ANY CEILING DEMOLITION.
- CLEAN EXISTING RE-USED SUPPLY, RETURN AND EXHAUST GRILLES FREE OF ALL DUST AND DEBRIS.
- WHERE NEW SENSORS MOUNTED LOWER THAN ORIGINAL OR IN DIFFERENT LOCATION, PROVIDE STAINLESS STEEL COVER PLATE OVER OLD LOCATION, AND PROVIDE NEW WIRING IN GYPSUM OR PLASTER WALLS TO NEW LOCATION OR PROVIDE PANDUIT FROM CEILING TO NEW LOCATION FOR SENSOR INSTALLED ON BRICK OR CMU WALLS. CONTROLS CONTRACTOR TO PROVIDE COVER PLATES AND PANDUIT.
- REMOVE AND RE-INSTALL EXISTING LAY-IN AND GYPSUM CEILING AS REQUIRED TO ACCOMMODATE NEW DUCTWORK REGARDING THE SCOPE OF DEMOLITION FOR ELECTRICAL CONNECTIONS. THOSE UNITS BEING REMOVED SHALL BE SAFELY DISCONNECTED FROM EXISTING POWER.
- WATER JET AND CLEAN ALL EXISTING CONDENSATE DRAIN LINES PRIOR TO RE-CONNECTING NEW UNITS TO EXISTING CONDENSATE DRAIN PIPING SYSTEM.
- THE MECHANICAL CONTRACTOR / DEMOLITION CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR REGARDING THE SCOPE OF DEMOLITION FOR ELECTRICAL CONNECTIONS. THOSE UNITS BEING REMOVED SHALL BE SAFELY DISCONNECTED FROM EXISTING POWER.
- CONTRACTOR SHALL COORDINATE REMOVAL OF EXISTING UNITS WITH DISTRICT, ALLOWING THE DISTRICT TO REMOVE ANY EXISTING UNIT COMPONENTS FOR SPARE STOCK.
- PROVIDE FLOOR PROTECTION IN ALL AREAS OF DEMOLITION AND NEW WORK THROUGH OUT THE BUILDING FROM WORK AREA TO EXTERIOR. FLOORING PROTECTION TO BE FULL WIDTH OF CORRIDOR AND BE RAM BOARD OR EQUAL TYPE FLOOR PROTECTION.

#### NOTES BY SYMBOL 'O':

- EXISTING TEMPERATURE SENSOR TO BE REMOVED AND REPLACED WITH NEW. EXISTING SENSORS SHALL BE CAREFULLY REMOVED, WRAPPED, PALLETIZED, AND RETURNED TO DISTRICT (OWNER).
- EXISTING RETURN AIR GRILLE AND ASSOCIATED DUCTWORK TO BE REMOVED BACK TO UNIT CONNECTION ON ROOF. PROVIDE NEW CEILING TILE IN PLACE OF REMOVED EXISTING RETURN GRILLE TO MATCH CEILING TILE MODEL "USG-FSRD-FC".
- EXISTING SUPPLY AIR DUCTWORK FROM DIFFUSER BACK TO UNIT CONNECTION ON ROOF TO BE REMOVED. EXISTING SUPPLY DIFFUSER TO REMAIN AND BE RE-USED.
- EXISTING RTU ON ROOF TO BE REMOVED AND REPLACED WITH NEW. DISCONNECT EXISTING DUCTWORK BELOW ROOF FROM EXISTING RTU AND RECONNECT WITH NEW UNIT.
- EXISTING TEMPERATURE SENSOR TO BE REMOVED. PATCH, REPAIR, AND PAINT WALL TO MATCH EXISTING. EXISTING SENSORS SHALL BE CAREFULLY REMOVED, WRAPPED, PALLETIZED, AND RETURNED TO DISTRICT (OWNER).
- EXISTING SUPPLY DUCTWORK FROM DIFFUSER BACK TO APPROXIMATE LOCATION SHOWN TO BE REMOVED. EXISTING DIFFUSER TO BE REMOVED AND REUSED.
- EXISTING EXHAUST FAN ON ROOF TO BE REMOVED AND REPLACED WITH NEW. DISCONNECT EXISTING DUCTWORK BELOW ROOF FROM EXISTING EXHAUST FAN AND CONNECT TO NEW FAN. EXISTING WALL SWITCH INTERLOCKED WITH EXISTING FAN TO REMAIN AND BE RE-USED FOR NEW FAN.
- EXISTING ROOF-TOP UNIT TO BE REMOVED AND CURB CAPPED. EXISTING CONDENSATE DRAIN PIPING TO BE CAPPED AND ABANDONED IN PLACE.
- EXISTING EXHAUST FAN ON ROOF TO BE REMOVED AND REPLACED WITH NEW. DISCONNECT EXISTING DUCTWORK BELOW ROOF FROM EXISTING EXHAUST FAN AND CONNECT TO NEW FAN. REMOVE EXISTING WALL SWITCH INTERLOCKED WITH EXISTING FAN AND PROVIDE STAINLESS STEEL COVER PLATE OVER THE OPENING. EXISTING CONTROL WIRING TO BE ABANDONED IN PLACE.



2023.04.28

#### ISSUES

01 ISSUE FOR CONSTRUCTION 2023.04.28

#### REVISIONS

01 ADDENDUM 01 2023.05.05

02 ADDENDUM 02 2023.05.15



**T.E. BAXTER ES**  
**HVAC REPLACEMENT**  
MIDLOTHIAN I.S.D.  
1050 Park Pl Blvd, Midlothian, TX 76065

DEMOLITION FLOOR  
PLAN - AREA 1 - HVAC

JOB NO.: 22146-00  
DRAWN BY: HJ/NH  
CHECKED BY: HJ/NH

SHEET NO.

DM1.01

1. THE INFORMATION ON THE DEMOLITION DRAWINGS ARE NOT FROM "AS-BUILT" DRAWINGS BUT FROM ORIGINAL DRAWINGS. THIS INFORMATION IS INCLUDED FOR REFERENCE ONLY. CONTRACTOR WILL BE RESPONSIBLE FOR VISITING THE SITE PRIOR TO SUBMITTING A BID TO DETERMINE THE AMOUNT OF WORK THAT WILL BE REQUIRED. CONTRACTOR SHALL EXAMINE THE EXISTING BUILDING AND CAREFULLY VERIFY THE LOCATION OF ALL EXISTING WORK AND BE INFORMED AS TO THE RELATION TO, AND EFFECT ON, THE WORK REQUIRED BEFORE SUBMITTING A BID FOR COMPLETION OF A BID. THERE SHALL BE EVIDENCE THAT THE CONTRACTOR HAS INSPECTED THE SITE OF THE PROPOSED WORK.
2. EXISTING MPE ITEMS TO BE REMOVED SHALL BE RETURNED TO THE OWNER OR DISPOSED OF AS DIRECTED BY THE DESIGNATED OWNER'S REPRESENTATIVE.
3. COORDINATE DEMOLITION WORK WITH THE BUILDING MAINTENANCE PERSONNEL AND OTHER TRADES PERFORMING WORK IN THE BUILDING PRIOR TO THE REMOVAL OF ANY ITEMS OF EQUIPMENT OR SYSTEMS THAT ARE TO BE REMOVED. THE BUILDING WILL BE OCCUPIED DURING CONSTRUCTION, AND, THEREFORE, UTILITIES MUST REMAIN IN OPERATION AT ALL TIMES. ANY REQUIRED OUTAGES MUST BE COORDINATED WITH THE OWNER.
4. PRIOR TO THE REMOVAL OF ANY MPE ITEMS OR EQUIPMENT, CONTRACTOR MUST VERIFY THE LOCATION AND TERMINATION OF THOSE SYSTEMS AND ITEMS THAT THE ITEMS BEING REMOVED DO NOT SERVE ANY ITEMS THAT ARE TO REMAIN (INCLUDING THOSE IN AREAS OUTSIDE THE CONTRACT LIMITS).
5. CONTRACTOR SHALL CONTACT CONTROLS SYSTEM INSTALLER BEFORE ANY DEMOLITION WORK IS BEGUN TO ALLOW FOR THE TERMINATION OF THOSE SYSTEMS AND ITEMS THAT THE ITEMS BEING REMOVED TO BE REMOVED. THE CONTROLS SYSTEM INSTALLER SHALL COORDINATE WITH THE OWNER FOR ELEMENTS OF THE EXISTING CONTROLS SYSTEM THAT SHALL BE CAREFULLY REMOVED AND GIVEN TO THE OWNER. THE OWNER SHALL PROVIDE THE CONTRACTOR WITH THE LOCATION OF ALL EXISTING TEMPERATURE ONLY SENSORS SERVING EXISTING RTUS SHALL BE CAREFULLY REMOVED, SHRINK WRAPPED, PALLETIZED, AND PROVIDED TO OWNER FOR THEIR USE.
6. DO NOT ABANDON ANY ITEMS IN PLACE. REMOVE ALL COMPONENTS ASSOCIATED WITH EACH ITEM CALLED OUT TO BE REMOVED. WHERE ITEMS ARE REMOVED PATCH/REPLACE ROOF, WALLS, FLOORING, AND CEILING FLOORING. PATCH/REPLACE FINISHES. WHERE NEW FINISHES ARE CALLED FOR PATCHING SHALL MATCH THE NEW FINISH.
7. ALL EXISTING FIRE ALARM, SECURITY AND OTHER CEILING MOUNTED DEVICES TO REMAIN IN OPERATION DURING CONSTRUCTION AND BE RE-INSTALLED AS NEEDED. TEMPORARILY SUPPORT AS NEEDED.
8. ALL EXISTING LIGHTS ARE TO BE REUSED AND REMAIN IN PLACE, UNLESS NOTED OTHERWISE. CONTRACTOR TO SUPPORT LIGHTS ABOVE CEILING DURING ANY CEILING DEMOLITION.
9. CLEAN EXISTING RE-USED SUPPLY, RETURN AND EXHAUST GRILLES FREE OF ALL DUST AND DEBRIS.
10. WHERE NEW SENSORS MOUNTED LOWER THAN ORIGINAL OR, IN DIFFERENT LOCATION, PROVIDE STAINLESS STEEL COVER PLATE OVER OLD LOCATION, AND PROVIDE NEW WIRING IN GYPSUM OR PLASTER WALLS TO NEW LOCATION OR PROVIDE PANDUIT FROM CEILING TO NEW LOCATION FOR WIRING TO BE INSTALLED. USE OF BRICK OR CMU WALLS. CONTROLS CONTRACTOR TO PROVIDE COVER PLATES AND PANDUIT.
11. REMOVE AND RE-INSTALL EXISTING LAY-IN AND GYPSUM CEILING AS REQUIRED TO ACCOMMODATE NEW DUCTWORK. PROVIDE NEW TILE AND GRID AS NEEDED. PATCH AND REPAIR AREAS OF GYPSUM CEILING TO MATCH EXISTING WHERE REQUIRED. WHERE GYPSUM CEILING IS REMOVED, PATCH THE ROOM CEILING WITH GYPSUM OR PLASTER.
12. WATER TEST AND CLEAN ALL EXISTING CONDENSATE DRAIN LINES PRIOR TO RE-CONNECTING NEW UNITS TO EXISTING CONDENSATE DRAIN PIPING SYSTEM.
13. THE MECHANICAL CONTRACTOR / DEMOLITION CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR REGARDING THE SCOPE OF DEMOLITION FOR ELECTRICAL CONNECTIONS. THOSE UNITS BEING REMOVED SHALL BE SAFELY DISCONNECTED FROM EXISTING POWER.
14. CONTRACTOR SHALL COORDINATE REMOVAL OF EXISTING UNITS WITH DISTRICT, ALLOWING THE DISTRICT TO REMOVE ANY EXISTING UNIT COMPONENTS FOR SPARE STOCK.
15. PROVIDE FLOOR PROTECTION IN ALL AREAS OF DEMOLITION AND NEW WORK THROUGHOUT THE BUILDING FROM WORK AREA TO EXTERIOR. FLOORING PROTECTION TO BE FULL WIDTH OF DISTRICT AND BE IN PLACE BEFORE ANY PATIO OR FLOOR PROTECTION.

- ① EXISTING TEMPERATURE SENSOR TO BE REMOVED AND REPLACED WITH NEW. EXISTING SENSORS SHALL BE CAREFULLY REMOVED, WRAPPED, PALLETIZED, AND RETURNED TO DISTRICT (OWNER).
- ② EXISTING RETURN AIR GRILLE AND ASSOCIATED DUCTWORK TO BE REMOVED BACK TO UNIT CONNECTION ON ROOF. PROVIDE NEW CEILING TILE IN PLACE OF REMOVED EXISTING RETURN GRILLE TO MATCH CEILING TILE MODEL "USG-FSRD-FC".
- ③ EXISTING SUPPLY AIR DUCTWORK FROM EXISTING RTU TO UNIT CONNECTION ON ROOF TO BE REMOVED. EXISTING SUPPLY DIFFUSER TO REMAIN AND BE RE-USED. 
- ④ EXISTING RTU ON ROOF TO BE REMOVED AND REPLACED WITH NEW. DISCONNECT EXISTING DUCTWORK BELOW ROOF FROM EXISTING RTU AND RECONNECT WITH NEW UNIT.
- ⑤ EXISTING TEMPERATURE SENSOR TO BE REMOVED. PATCH, REPAIR, AND PAINT WALL TO MATCH EXISTING. EXISTING SENSORS SHALL BE CAREFULLY REMOVED, WRAPPED, PALLETIZED, AND RETURNED TO DISTRICT (OWNER).
- ⑥ EXISTING SUPPLY DUCTWORK FROM DIFFUSER BACK TO APPROXIMATE LOCATION SHOWN TO BE REMOVED. EXISTING DIFFUSER TO REMAIN AND BE RE-USED. 
- ⑦ EXISTING EXHAUST FAN ON ROOF TO BE REMOVED AND REPLACED WITH NEW. DISCONNECT EXISTING DUCTWORK BELOW ROOF FROM EXISTING EXHAUST FAN AND CONNECT TO NEW FAN. EXISTING WALL SWITCH INTERLOCKED WITH EXISTING FAN TO REMAIN AND BE RE-USED FOR NEW FAN. 
- ⑧ EXISTING EXHAUST FAN ABOVE CEILING TO BE REMOVED AND REPLACED WITH NEW. DISCONNECT EXISTING DUCTWORK FROM EXISTING EXHAUST FAN AND CONNECT TO NEW FAN. EXISTING WALL SWITCH INTERLOCKED WITH EXISTING FAN TO REMAIN AND BE RE-USED FOR NEW FAN. 
- ⑨ EXISTING COMBINATION TEMPERATURE/HUMIDITY SENSORS TO REMAIN AND BE RE-USED FOR NEW UNITS. 
- ⑩ EXISTING ROOF-TOP UNIT TO BE REMOVED AND CURB CAPPED. EXISTING CONDENSATE DRAIN PIPING TO BE CAPPED AND ABANDONED IN PLACE.
- ⑪ EXISTING EXHAUST FAN ON ROOF TO BE REMOVED AND REPLACED WITH NEW. DISCONNECT EXISTING DUCTWORK BELOW ROOF FROM EXISTING EXHAUST FAN AND CONNECT TO NEW FAN. REMOVE EXISTING WALL SWITCH INTERLOCKED WITH EXISTING FAN AND PROVIDE STAINLESS STEEL COVER PLATE OVER THE OPENING. EXISTING WIRING TO BE ABANDONED IN PLACE.
- ⑫ EXISTING EXHAUST FAN ON ROOF TO BE REMOVED AND REPLACED WITH NEW. DISCONNECT EXISTING DUCTWORK BELOW ROOF FROM EXISTING EXHAUST FAN AND CONNECT TO NEW FAN. EXISTING CONTROL WIRING TO BUILDING EMS TO REMAIN AND BE RE-USED FOR NEW FAN.



DEMOLITION FLOOR  
PLAN - AREA 2 - HVAC

JOB NO.: 22146-00  
DRAWN BY: ND  
CHECKED BY: HV/N

SHEET NO.

SHEET NO.

DM1.02

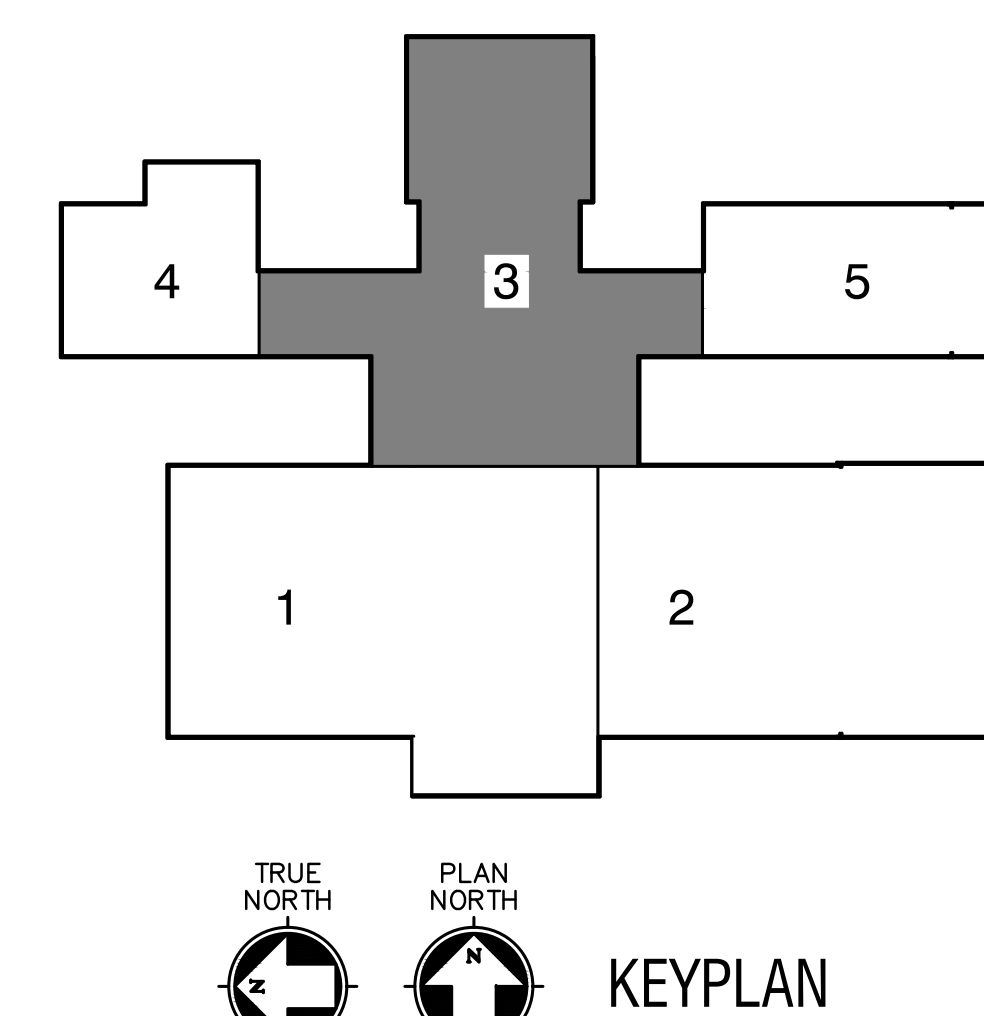
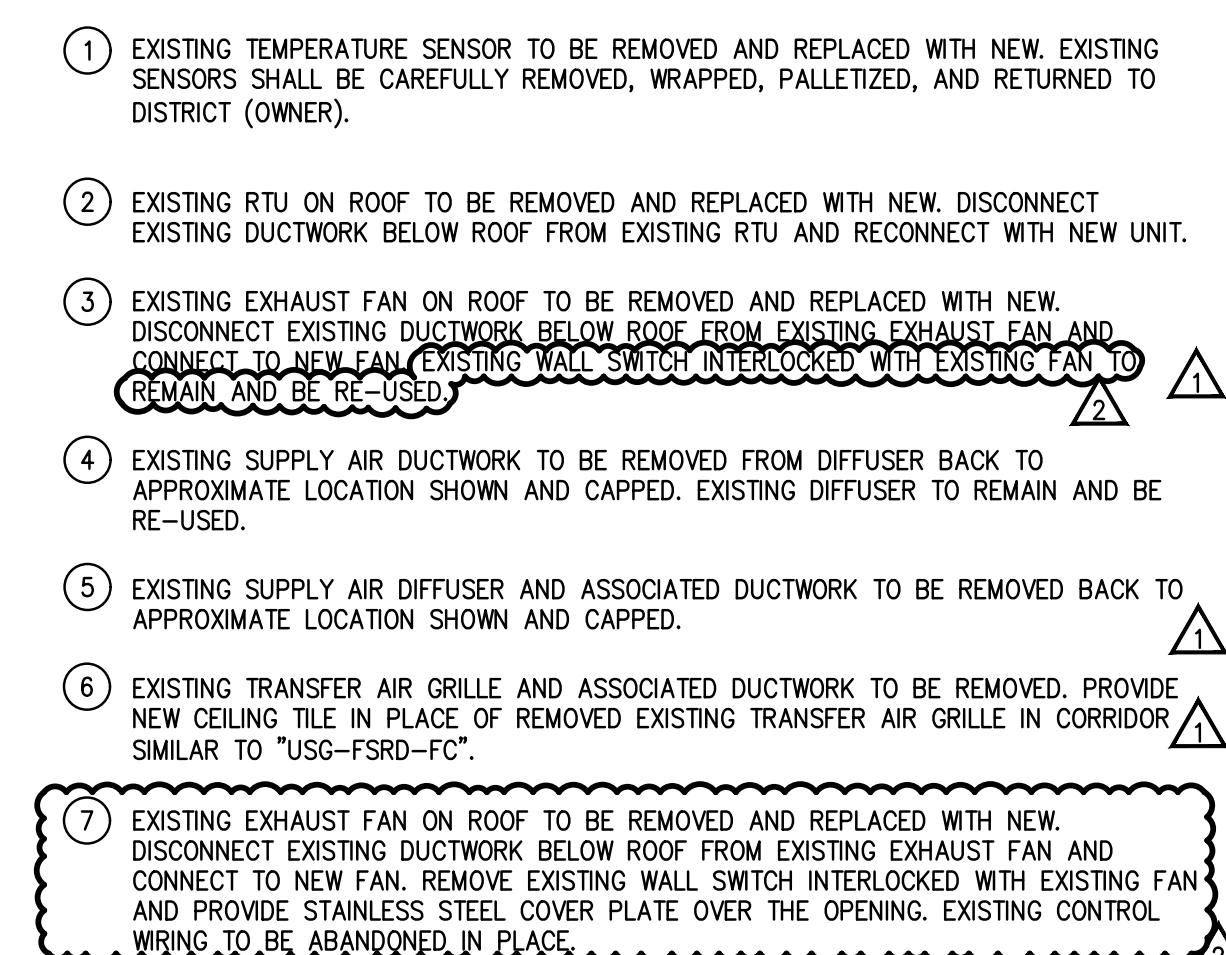
ISSUES		
01	ISSUE FOR CONSTRUCTION	2023.04.28

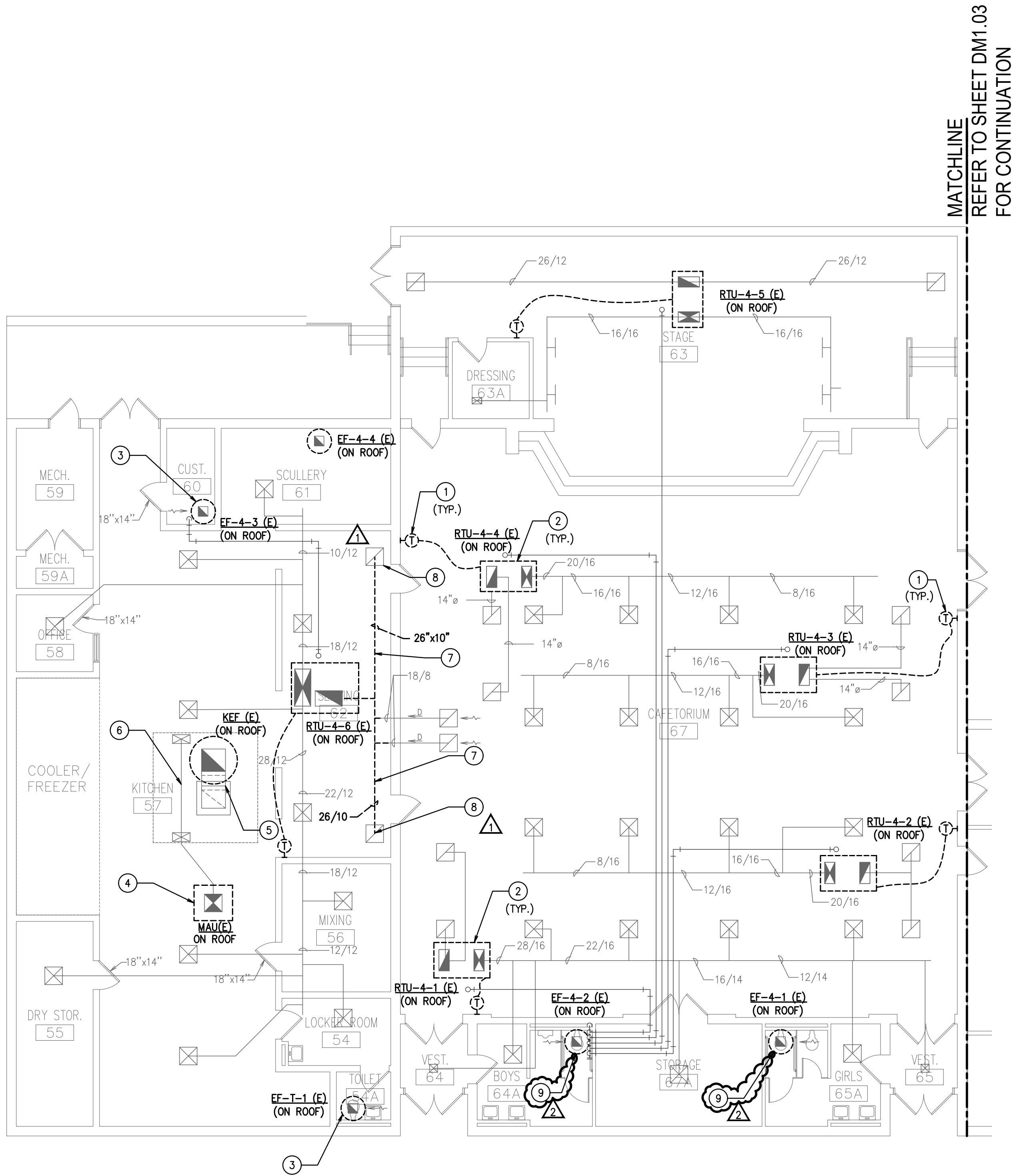
01	ADDENDUM 01	2023.05.05
02	ADDENDUM 02	2023.05.15



DEMOLITION FLOOR  
PLAN - AREA 3 - HVAC

DM1.03

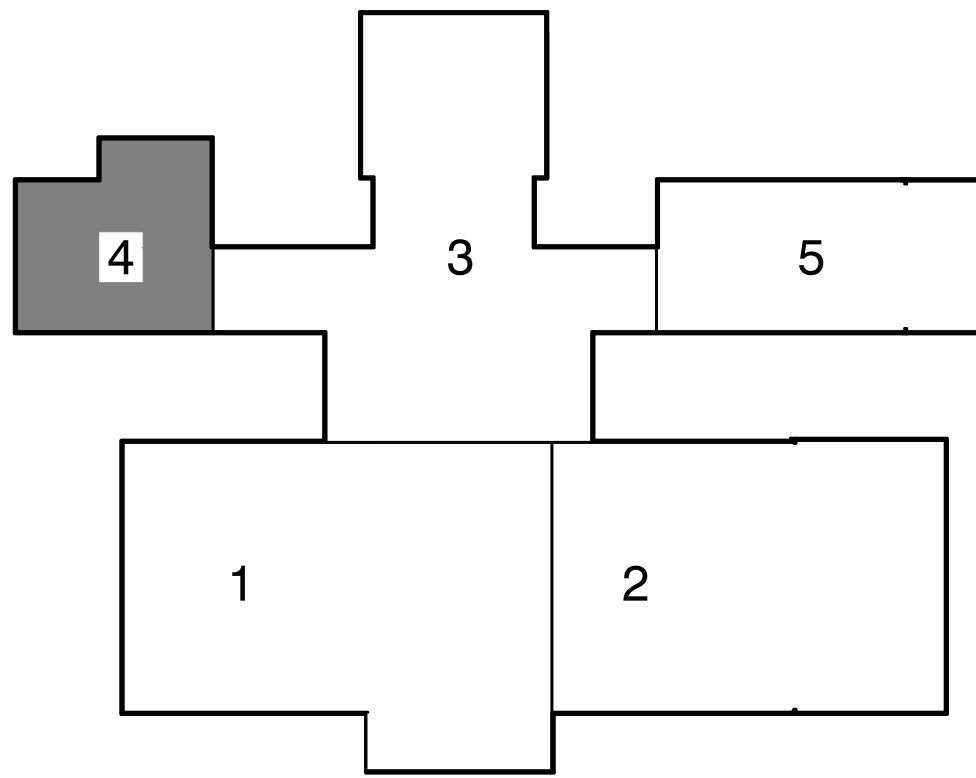




01

DEMOLITION FLOOR PLAN - AREA 4 - HVAC

SCALE: 1/8" = 1'-0"



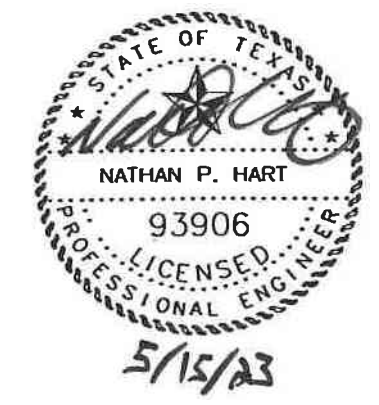
KEYPLAN

GENERAL DEMOLITION NOTES:

1. THE INFORMATION ON THE DEMOLITION DRAWINGS ARE NOT FROM "AS-BUILT" DRAWINGS BUT FROM ORIGINAL DRAWINGS. THIS INFORMATION IS INCLUDED FOR REFERENCE ONLY. CONTRACTOR WILL BE RESPONSIBLE FOR VISITING THE SITE PRIOR TO SUBMITTING A BID TO DETERMINE THE AMOUNT OF WORK THAT WILL BE REQUIRED. CONTRACTOR SHALL EXAMINE THE EXISTING BUILDING AND GENERALLY VERIFY THE LOCATION OF ALL EXISTING WORK AND BECOME INFORMED AS TO THE RELATION TO, AND EFFECT ON, THE WORK REQUIRED BEFORE SUBMITTING A BID. SUBMISSION OF A BID WILL CONSTITUTE EVIDENCE THAT THE CONTRACTOR HAS INSPECTED THE SITE OF THE PROPOSED WORK.
2. EXISTING MPE ITEMS TO BE REMOVED SHALL BE RETURNED TO THE OWNER OR DISPOSED OF AS DIRECTED BY THE DESIGNATED OWNER'S REPRESENTATIVE.
3. COORDINATE DEMOLITION WORK WITH THE BUILDING MAINTENANCE PERSONNEL AND OTHER TRADES PERFORMING WORK IN THE BUILDING PRIOR TO THE REMOVAL OF ANY ITEMS OF EQUIPMENT OR SYSTEMS THAT WILL EFFECT OTHER SYSTEMS WITHIN THE LIMIT OF NEW CONSTRUCTION OR OTHER AREAS OF THE BUILDING. THE BUILDING WILL BE OCCUPIED DURING CONSTRUCTION; AND, THEREFORE, UTILITIES MUST REMAIN IN OPERATION AT ALL TIMES. ANY REQUIRED OUTAGES MUST BE COORDINATED WITH THE OWNER.
4. PRIOR TO THE REMOVAL OF ANY MPE ITEMS OR EQUIPMENT, CONTRACTOR MUST VERIFY THE ORIGIN AND TERMINATION OF THOSE SYSTEMS AND CONFIRM THAT THE ITEMS BEING REMOVED DO NOT SERVE ANY ITEMS THAT ARE TO REMAIN (INCLUDING THOSE IN AREAS OUTSIDE THE CONTRACT LIMITS).
5. CONTRACTOR SHALL CONTACT CONTROLS SYSTEM INSTALLER BEFORE ANY DEMOLITION WORK IS STARTED TO ALLOW THEM TO TAG & IDENTIFY ITEMS TO REMAIN AND BE PROTECTED AND ITEMS TO BE REMOVED. THE CONTROLS SYSTEM INSTALLER SHALL COORDINATE WITH THE OWNER FOR ELEMENTS OF THE EXISTING CONTROLS SYSTEM THAT SHALL BE CAREFULLY REMOVED AND GIVEN TO THE OWNER SUCH AS EXISTING TEMPERATURE SENSORS THAT WILL NOT BE RE-USED. ALL EXISTING TEMPERATURE ONLY SENSORS SERVING EXISTING RTUS SHALL BE CAREFULLY REMOVED, SHRINK WRAPPED, PALLETIZED, AND PROVIDED TO OWNER FOR THEIR USE.
6. DO NOT ABANDON ANY ITEMS IN PLACE, REMOVE ALL COMPONENTS ASSOCIATED WITH EACH ITEM CALLED OUT TO BE REMOVED. WHERE ITEMS ARE REMOVED PATCH/REPLACE ROOF, WALLS, CEILING OR FLOOR, AS APPLICABLE, TO MATCH EXISTING FINISHES, WHERE NEW FINISHES ARE CALLED FOR PATCHING SHALL MATCH THE NEW FINISH.
7. ALL EXISTING FIRE ALARM, SECURITY AND OTHER CEILING MOUNTED DEVICES TO REMAIN IN OPERATION DURING CONSTRUCTION AND BE RE-INSTALLED AS NEEDED. TEMPORARILY SUPPORT AS NEEDED.
8. ALL EXISTING LIGHTS ARE TO BE REUSED AND REMAIN IN PLACE, UNLESS NOTED OTHERWISE. CONTRACTOR TO SUPPORT LIGHTS ABOVE CEILING DURING ANY CEILING DEMOLITION.
9. CLEAN EXISTING RE-USED SUPPLY, RETURN AND EXHAUST GRILLES FREE OF ALL DUST AND DEBRIS.
10. WHERE NEW SENSORS MOUNTED LOWER THAN ORIGINAL OR IN DIFFERENT LOCATION, PROVIDE STAINLESS STEEL COVER PLATE OVER OLD LOCATION, AND PROVIDE NEW WIRING IN GYPSUM OR PLASTER WALLS TO NEW LOCATION OR PROVIDE PANDUIT FROM CEILING TO NEW LOCATION FOR SENSOR INSTALLED ON BRICK OR CMU WALLS. CONTROLS CONTRACTOR TO PROVIDE COVER PLATES AND PANDUIT.
11. REMOVE AND RE-INSTALL EXISTING LAY-IN AND GYPSUM CEILING AS REQUIRED TO ACCOMMODATE NEW DUCTWORK. PROVIDE NEW TILE AND GRID AS NEEDED. PATCH AND REPAIR AREAS OF GYPSUM CEILING TO MATCH EXISTING WHERE REQUIRED. WHERE GYPSUM CEILING IS REMOVED, PAINT ENTIRE ROOM CEILING AFTER PATCHING.
12. WATER JET AND CLEAN ALL EXISTING CONDENSATE DRAIN LINES PRIOR TO RE-CONNECTING NEW UNITS TO EXISTING CONDENSATE DRAIN PIPING SYSTEM.
13. THE MECHANICAL CONTRACTOR / DEMOLITION CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR REGARDING THE SCOPE OF DEMOLITION FOR ELECTRICAL CONNECTIONS. THOSE UNITS BEING REMOVED SHALL BE SAFELY DISCONNECTED FROM EXISTING POWER.
14. CONTRACTOR SHALL COORDINATE REMOVAL OF EXISTING UNITS WITH DISTRICT, ALLOWING THE DISTRICT TO REMOVE ANY EXISTING UNIT COMPONENTS FOR SPARE STOCK.
15. PROVIDE FLOOR PROTECTION IN ALL AREAS OF DEMOLITION AND NEW WORK THROUGH OUT THE BUILDING FROM WORK AREA. PROTECTION TO BE FULL WIDTH OF CORRIDOR AND BE RAM BOARD OR EQUAL TYPE FLOOR PROTECTION.

NOTES BY SYMBOL 'O':

1. EXISTING TEMPERATURE SENSOR TO BE REMOVED AND REPLACED WITH NEW. EXISTING SENSORS SHALL BE CAREFULLY REMOVED, WRAPPED, AND PALLETIZED, AND RETURNED TO DISTRICT (OWNER).
2. EXISTING RTU ON ROOF TO BE REMOVED AND REPLACED WITH NEW. DISCONNECT EXISTING DUCTWORK BELOW ROOF FROM EXISTING RTU AND RECONNECT WITH NEW UNIT.
3. EXISTING EXHAUST FAN ON ROOF TO BE REMOVED AND REPLACED WITH NEW. DISCONNECT EXISTING DUCTWORK BELOW ROOF FROM EXISTING EXHAUST FAN AND CONNECT TO NEW FAN. EXISTING DUCTWORK TO REMAIN AND BE RE-USED.
4. EXISTING MAKE-UP AIR FAN ON ROOF TO BE REMOVED AND REPLACED WITH NEW. DISCONNECT EXISTING DUCTWORK BELOW ROOF FROM EXISTING EXHAUST FAN AND CONNECT TO NEW FAN.
5. REMOVE EXISTING EXTERNAL INSULATION ON EXISTING EXHAUST DUCTWORK FROM HOOD CONNECTION BACK TO FAN CONNECTION ON ROOF.
6. REMOVE EXISTING EXTERNAL INSULATION ON EXISTING MAKE-UP AIR DUCTWORK FROM HOOD CONNECTION BACK TO FAN CONNECTION ON ROOF.
7. EXISTING RETURN AIR DUCTWORK TO BE REMOVED FROM GRILLE BACK TO RTU CONNECTION ON ROOF.
8. EXISTING RETURN AIR GRILLE TO REMAIN AND BE RE-USED.
9. EXISTING EXHAUST FAN ON ROOF TO BE REMOVED AND REPLACED WITH NEW. DISCONNECT EXISTING DUCTWORK BELOW ROOF FROM EXISTING EXHAUST FAN AND CONNECT TO NEW FAN. REMOVE EXISTING WALL SWITCH INTERLOCKED WITH EXISTING FAN AND PROVIDE STAINLESS STEEL COVER PLATE OVER THE OPENING. EXISTING CONTROL WIRING TO BE ABANDONED IN PLACE.



2023.04.28

ISSUES

01	ISSUE FOR CONSTRUCTION	2023.04.28
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REVISIONS

01	ADDENDUM 01	2023.05.05
02	ADDENDUM 02	2023.05.15



**T.E. BAXTER ES**  
**HVAC REPLACEMENT**  
MIDLOTHIAN I.S.D.  
1050 Park Pl Blvd, Midlothian, TX 76065

DEMOLITION FLOOR  
PLAN - AREA 4 - HVAC

JOB NO.: 22146-00  
DRAWN BY: ND  
CHECKED BY: HV/NH

SHEET NO.

DM1.04

GENERAL	DESIGNATION	RTU-KITCHEN	RTU-STAGE	RTU-CAFÉ-NW	RTU-CAFÉ-SW/ CAFÉ-SE/ CAFÉ-NE	RTU-WORKROOM	RTU-ART	RTU-GYM-NE/ GYM-NW /GYM-SE /GYM-SW	RTU-72D	RTU-75N & 75S	RTU-79	RTU-MUSIC	RTU-LIB-E & W	RTU-LIB-N & S	RTU-84 & 85	RTU-86	RTU-100 200 /400 /500	RTU-101/102/ 104/105 /106/201 /202/203 /206/207	RTU-103 /204/205	RTU-107	RTU-108	RTU-301/302/ 303/306 /307/308/309	RTU-401/402/ 403/407 /408/409/501 /502/503/507 /508/509	RTU-300B	RTU-304	RTU-305	RTU-B19	RTU-404/405/ 505/506	RTU-406 & 504	RTU-C103	RTU-C106	RTU-A/V		
	SERVING	KITCHEN	STAGE	CAFETORIUM	CAFETORIUM	WORKROOM	ART	GYMNASIUM	GYM OFFICES	CORRIDORS	SPEC. ED.	MUSIC	LIBRARY	LIBRARY	CORRIDOR	CORRIDOR	CORRIDOR	CLASSROOMS/ CONFERENCE RM.	CLASSROOMS	E.S.L.	LAB	PRE-K, KINDERG ARTEN/P/PCD/CBI	CLASSROOMS	CORRIDOR	KINDERGARTEN & OFFICE	KINDERGARTEN & OFFICE	CORRIDORS	CLASSROOMS	CLASSROOMS	PRINCIPAL	CONF	A/V ROOM		
	MANUFACTURER	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	
	MODEL NO.	YHJ090	YHC067	YHJ090	YHC067	YHC047	YHC047	YHC067	YHC037	YHC047	YHC047	YHC047	YHC047	YHC067	YHC037	YHC067	YHC037	YHC037	YHC047	YHC047	4YCZ5024	4YCZ5036	YHC047	YHC037	4YCZ5024	YHC047	YHC047	YHC047	YHC047	YHC037	YHC037	YHC067	YHJ090	4YCZ5024
	MAXIMUM WEIGHT, LBS.	1070	1000	1070	1000	980	980	1000	770	980	980	980	980	980	1000	400	770	1000	370	1000	400	980	980	770	370	980	980	980	980	770	980	1000	1070	370
NOMINAL CAPACITY	7.5	5	7.5	5	4	4	4	5	3	4	4	4	4	5	3	3	5	3	4	2	3	4	3	2	4	4	4	3	3	5	5	2		
SUPPLY FAN SECTION	SUPPLY AIR, CFM	3000	1750	2700	2000	1600	1400	1750	1100	1600	1400	1400	1400	1750	1200	1200	2000	1200	1400	800	1200	1400	1200	800	1400	1440	1400	1100	1150	2000	2000	800		
	MIN. MIN./MIN. MAX./MAX. OUTSIDE AIR, CFM	500/1000/ 3000	400/1750	300/900/2700	250/600/2000	200/1600	400/1400	250/500/1750	300/1100	140/1600	300/1400	380/1400	170/290/1400	250/500/1750	150/1200	150/1200	600/2000	400/1200	350/1400	150/800	250/1200	440/1400	350/1200	100/800	400/1400	450/1440	450/1400	400/1100	390/1150	350/2000	350/2000	150/800		
	EXTERNAL STATIC PRESSURE, IN. W.G.	0.5	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5		
	MAXIMUM FAN RPM	1190	910	1190	980	870	830	910	850	870	830	830	910	—	880	980	880	830	—	—	830	880	880	800	840	830	850	860	980	980	—			
	MINIMUM MOTOR HP	3.0	1.0	3.0	1.0	1.0	1.0	1.0	0.75	1.0	1.0	1.0	1.0	1.0	0.75	0.75	1.0	0.75	1.0	0.5	0.5	1.0	0.75	0.5	1.0	1.0	1.0	1.0	0.75	0.75	0.75	0.5		
COOLING SECTION	COIL ENTERING AIR, DB/WB – F°	82.7/66.1	79.6/66.1	81.8/67.1	81.9/66.6	77.0/63.6	82.3/64.9	81.3/65.9	80.9/64.1	75.9/62.1	79.9/65.9	80.7/65.4	80.1/64.8	82.0/65.6	76.6/63.0	77.7/63.7	82.5/65.3	82.5/66.4	81.1/65.9	79.8/65.3	78.6/64.8	83.5/66.3	83.3/66.5	77.0/63.8	82.1/66.9	82.6/67.1	83.6/67.3	83.3/67.4	82.2/67.0	80.5/65.6	80.5/65.6	79.3/63.5		
	COIL L.A.T., D.B./W.B. – F°	58.0/57.0	57.0/56.0	59.0/58.0	59.0/58.0	56.0/55.0	56.0/55.0	57.0/56.0	56.0/55																									

DESIGNATION	EF-RR-100E/100F/ 200E/200F/400E/ 400F/500E/500F	EF-CUST-100C/ 200C/400C/STOR-5 00B	EF-DARK-90B	EF-CUST-88/ LOUNGE-68C/ RR-64A/ RR-65A	EF-ART	EF-CUST-500-C	EF-RR-72B & 72G	EF-RR-72C & 72E	EF-CUST-60	EF-RR-301C/302B/ 303B/306B/307B/ 308B/309B/ 500-B-2/54A/68B /79C/87C/97B/ C107B	EF-RR-B111	EF-MECH-B112	EF-RR-B109/304C/ 305C	KEF-KITCHEN	SF-KIT
AIR SYSTEM	EXHAUST	EXHAUST	EXHAUST	EXHAUST	EXHAUST	EXHAUST	EXHAUST	EXHAUST	EXHAUST	EXHAUST	EXHAUST	EXHAUST	EXHAUST	KITCHEN EXHAUST	MAKE-UP
SERVES	TOILETS	CUST./STORAGE	DARK RM.	CUST./LOUNGE/ TOILETS	ART	CUST.	TOILETS	TOILETS	CUST.	TOILETS	TOILETS	MECH	TOILETS	KITCHEN HOOD	KITCHEN HOOD
MOUNTING	ROOF	ROOF	ROOF	ROOF	ROOF	ROOF	ROOF	ROOF	ROOF	ROOF	ROOF	CEILING	CEILING	ROOF	ROOF
TYPE	DOWNBLAST	DOWNBLAST	DOWNBLAST	DOWNBLAST	DOWNBLAST	DOWNBLAST	UPBLAST	UPBLAST	DOWNBLAST	DOWNBLAST	DOWNBLAST	DOWNBLAST	DOWNBLAST	UPBLAST	CENTRIFUGAL
CAPACITY, CFM	450	275	125	150	750	110	100	275	50	75	600	50	75	3780	1500
EXT. SP. IN. W.G.	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.5	0.125	0.125	1.0	0.75
DRIVE TYPE	BELT	BELT	BELT	BELT	BELT	BELT	BELT	BELT	BELT	BELT	BELT	DIRECT	DIRECT	BELT	BELT
MIN. WHEEL DIA. IN	12	13.5	12	13.5	12	12	12	13.5	12	12	13.5	-	-	30	10
FAN RPM	900	1050	980	930	930	940	920	820	790	830	1170	560	720	940	920
MIN MOTOR H.P.	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	21.2 WATTS	27.4 WATTS	1-1/2	1/2
VOLTS/PHASE	120/1	120/1	120/1	120/1	120/1	120/1	120/1	120/1	120/1	120/1	120/1	277/1	277/1	208/3	120/1
MFG./MODEL NO.	COOK 120 ACEB OR91	COOK 135 ACEB OR70	COOK 120 ACEB OR60	COOK 135 ACEB OR60	COOK 120 ACEB OR92	COOK 120 ACEB OR60	COOK 120 ACEB OR60	COOK 135 ACEB OR60	COOK 120 ACEB OR60	COOK 120 ACEB OR60	COOK 135 ACEB OR91	COOK GC-146	COOK GC-146	COOK 300 VCR-XP	COOK KSP-B 100KSP-B
CONTROLS	EMS	EXISTING WALL SWITCH	EXISTING WALL SWITCH	EXIST. WALL SWITCH (EF-CUST-88 & LOUNGE-68C) EMS (EF-RR-64A & 65A)	EXISTING WALL SWITCH	EXISTING WALL SWITCH	EXISTING WALL SWITCH	EMS	EXISTING WALL SWITCH	EXISTING WALL SWITCH	EMS	EXISTING WALL SWITCH	EXISTING WALL SWITCH	HOOD/EMS/ INFRARED SENSOR	HOOD/KEF-KITCHEN
COMMENTS														SELECT AT 300 DEG. F	

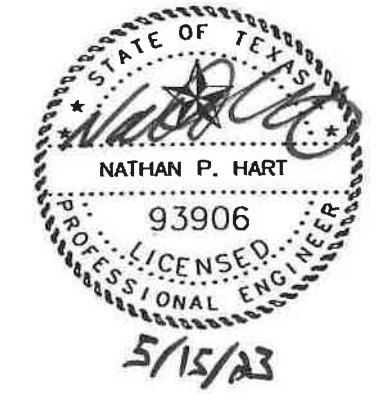
1. WALL SWITCHES/REFER TO MOTOR STARTER SWITCHES TO BE FURNISHED UNDER DIVISION 23 AND INSTALLED UNDER DIVISION 26 (RECESSED IN WALL).  
2. EMS: FAN TO BE CONTROLLED BY ENERGY MANAGEMENT SYSTEM.  
3. MOTOR STARTER CAN SUBSTITUTE AS FAN DISCONNECT WHERE NOT WALL MOUNTED AND LOCATED AT FAN MOTOR. A DISCONNECT CANNOT SUBSTITUTE FOR A MOTOR STARTER.  
4. DIRECT DRIVE FANS TO HAVE CDM CONTROLLER.  
5. ALL FANS SHALL BE INTERLOCKED WITH SIMILAR CONTROLS METHOD AS EXISTING (EMS/WALL SWITCH). IN CASE THE EXISTING CONTROLS CANNOT BE RE-USED, PROVIDE NEW CONTROLS AS NOTED.

DESIG.	TYPE	MOUNTING TYPE	MATERIAL	FINISH	MAX. N.C. LVL.	OPPOSED DAMPER BLADE	EQUALIZING GRID	MFG. / MODEL	DESCRIPTION/REMARKS
A	RETURN GRILLE	SURFACE OR LAY-IN	ALUMINUM	WHITE	30	NO	NO	TITUS 50F	1/2"x1/2"x1" EGG CRATE WITH FRAMED BORDER. DO NOT STACK 1/2" HIGH GRILLES
B	SUPPLY DIFFUSER - LOUVERED	SURFACE OR LAY-IN	STEEL	WHITE	30	NO	NO	TITUS TMS	24"x24" FACE

	CONDENSATE DRAIN
	AUXILIARY DRAIN LINE
	REFRIGERANT SUCTION
	REFRIGERANT LIQUID
	SLOPE DOWN IN DIRECTION OF ARROW
	RISE AND DROP IN PIPING
	FLOW IN DIRECTION OF ARROW
	CONNECT TO EXISTING
	EXISTING WORK TO REMAIN
	NEW WORK
	DEMOLITION WORK
	THERMOSTAT/TEMPERATURE SENSOR
	HUMIDITY SENSOR
	CARBON DIOXIDE SENSOR
	CARBON MONOXIDE SENSOR
	DUCT SMOKE DETECTOR
	WALL SWITCH
	WALL SWITCH WITH PUSHBUTTON
	SUPPLY AIR ARROW
	RETURN AIR ARROW
	RISE IN DUCT
	DROP IN DUCT
	SUPPLY DUCT
	RETURN OR EXHAUST DUCT
	MANUAL DAMPER
	MOTORIZED DAMPER
	FIRE DAMPER
	FIRE/SMOKE DAMPER

SYMBOL	DESCRIPTION
	DOMESTIC COLD WATER (CW)
	GAS PIPE
	DRAIN, INDIRECT
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED
	GAS METER
	ROOF PIPE SUPPORT
	PLUG VALVE
	CAP
	DIRECTION OF SLOPE
	DIRECTION OF FLOW
	RISE & DROP IN PIPING
	CLEANOUT
	BALL VALVE
	CHECK VALVE
	UNION
	SHOCK ARRESTOR
	GAUGE COCK
	PRESSURE GAUGE W/GAUGE COCK
	THERMOMETER
	NON-FREEZE ROOF HYDRANT
	NEW CONNECTION TO EXISTING
	CLEAN OUT
	WALL CLEAN OUT
	VENT THROUGH ROOF
	EXISTING UTILITIES

NOTE: NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED



ISSUES		
01	ISSUE FOR CONSTRUCTION	2022.04.20

01	ISSUE FU

[illegible]

## REVISIONS

[illegible]

**T.E. BAXTER ES**  
**HVAC REPLACEMENT**  
MIDLOTHIAN I.S.D.  
1050 Park Pl Blvd, Midlothian, TX 76065

## SCHEDULES & LEGEND - MECHANICAL & PLUMBING

JOB NO.: 22146-00  
DRAWN BY: ND  
CHECKED BY: HV/NH

SHEET NO.

## MP3.01

