



Boys & Girls Clubs of Central Texas

ADDENDUM NO. 1

for

McLaurin-Boyd Campus Phase 2 Expansion –
Great Futures 2025 Project - **REBID**
ARPA 04

Date: March 21, 2023

BID DUE DATE: March 23, 2023, at 2:00 p.m.

The following has been submitted.

1. Mechanical Plan Page – Gym Area HVAC duct... What is the size of the duct at the perimeter of the building?...the horizontal ducts are marked but nothing is marked for the perimeter duct size.

See MEP addendum page m-1, m-2 and m-3.

2. Spiral duct work...Are there other options for exposed duct work?

Contractor may install fabric duct work (ductsox or approved equal) instead of metal duct

3. FYI from OWNER - Contractor and Subcontractors will be required to work with the Boys & Girls Clubs of Central Texas technology contractor -Centex Technologies, for installation of technology cabling, cameras, and other technology connections necessary for completion of the project.
4. FYI from OWNER - General location of the available waterline is on Gray Street; there are two (2) sanitary sewer lines within the property – one (1) line is being used by the existing building; the remaining line is to be used for the new structure.
5. FYI from OWNER - Allowances have been added for certain bid items. All “approved equal” items must be submitted for approval prior to bid closing date.

See Allowances attached ahead of Bid Form in bid packet.



6. Will you allow for bid opening by Zoom meeting platform?.. if so, what is the Zoom link and connection information?

The bid will be opened in person and via Zoom meeting platform. Click the link at 2:10 pm on March 23, 2023 to join the bid opening at 2:15 pm.

Boys & Girls Club is inviting you to a scheduled Zoom meeting.

Topic: Boys & Girls Club's Zoom Meeting

Time: Mar 23, 2023 02:10 PM Central Time (US and Canada)

Join Zoom Meeting

<https://us06web.zoom.us/j/84608678609?pwd=ckJaRHVSODBJNmY3MnFDejhBcSs2Zz09>

7. What type of exterior signage is shown?.. there is no information on this.

Add an Allowance of \$40,000 for exterior signage shown on drawings.

Bidder must acknowledge the addendum by completing the information below and attaching to the bid documents.

A handwritten signature in blue ink, appearing to read "BF", is written over a horizontal line.

Brandon Fogle,
Chief Finance Officer

BIDDER ACKNOWLEDGEMENT
Addendum #1 **REBID**

Acknowledgement:

Signature: _____

Print Name: _____

Title: _____

Company: _____

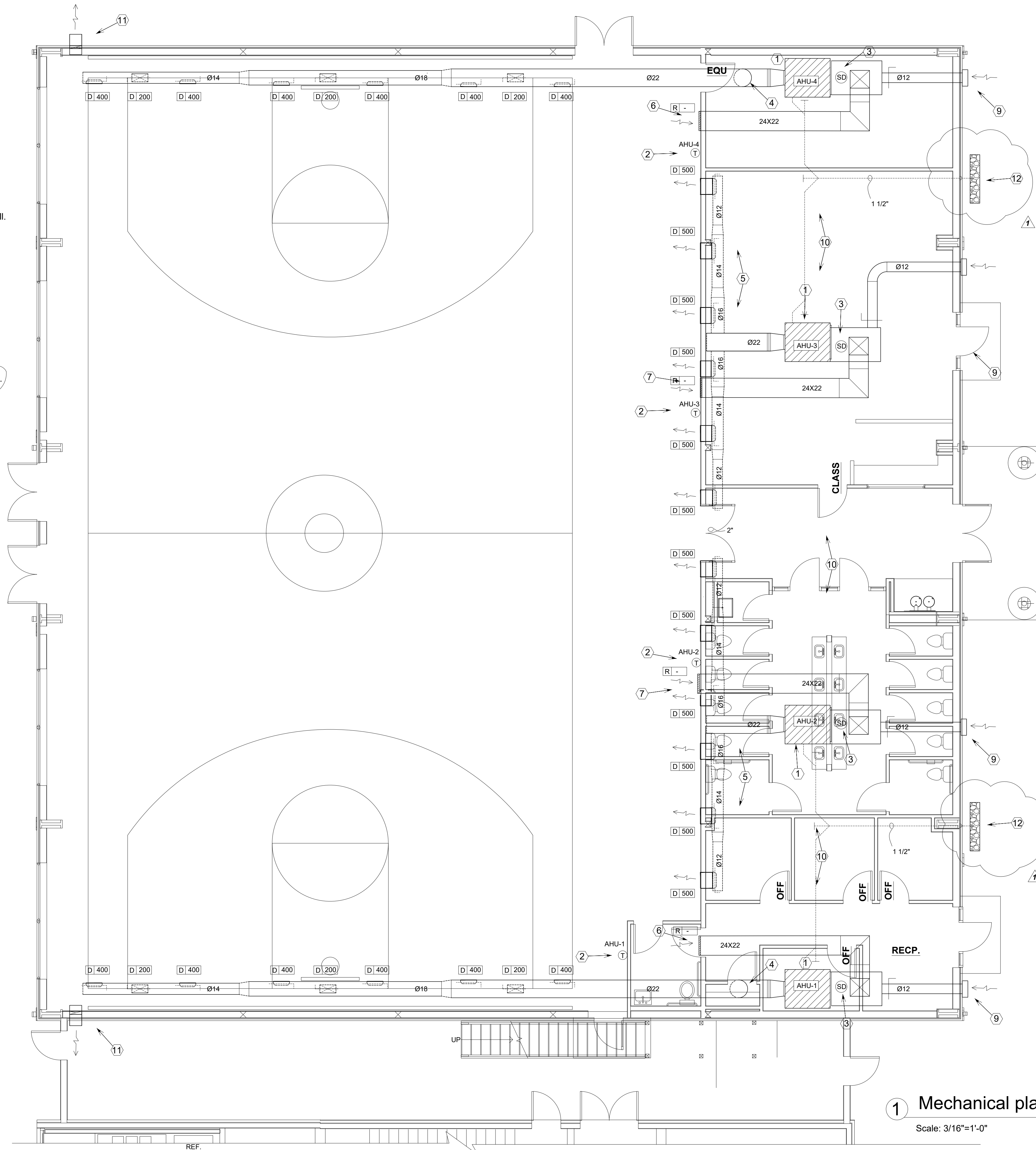
Date: _____

General Note:

- All mechanical installations shall be per 2021 IMC and city of Killeen mechanical amendments.

Key Notes:

- ① Install air-handling units over mechanical platform..
- ② Mount thermostats (T) at 48" above floor.
- ③ Install smoke detector (SD) on return side of each units.
- ④ Route supply air ducts from "AHU-1" and "AHU-4" up near roof deck then penetrate wall and run duct straight to other side of field.
- ⑤ Route supply air ducts from "AHU-2" and "AHU-3" parallel wall and penetrate diffusers through wall. Install wall registers at 11 feet above floor.
- ⑥ Install return air register for units "AHU-1" and "AHU-4" at 12 feet above floor.
- ⑦ Install return air register for units "AHU-2" and "AHU-3" at 16 feet above floor.
- ⑧ Balance all supply, exhaust and return to achieve specified airflow rate.
- ⑨ Route fresh air ducts through wall out. Install rain cap, bird screen and motorize damper on ducts. Locate intake air at least 10 feet away all exhaust air terminations.
- ⑩ Insulate all air ducts at mechanical platform area with R-8 air duct insulator.
- ⑪ Install wall mounted exhaust propeller fans (WEF-1 and WEF-2).
- ⑫ Route condensate water from air-handling units to outside into 60x12x12 dry-well fill with 1" gravel.

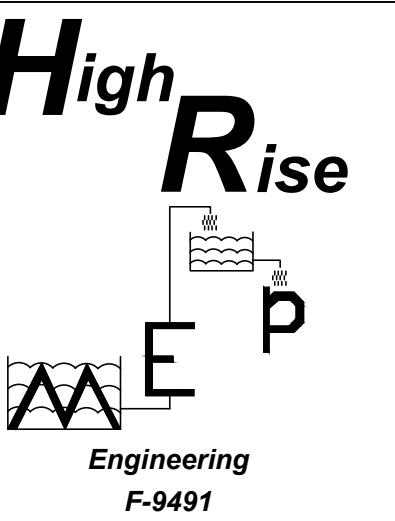


1 Mechanical plan - gym area
Scale: 3/16"=1'-0"

Engineer

High Rise MEP Engineering
213 Watergate Way
Hutto, Texas 78634
designmep@aol.com
(512) 431 6702
Mechanical - Electrical
Plumbing

Boys & Girls - Club Gym
704 North Gray
Killeen, Texas 76541



Engineering
F-9491

Issue Date: 2/24/22

Revisions

No.	Date	Description
1	11/07/22	Dry-well



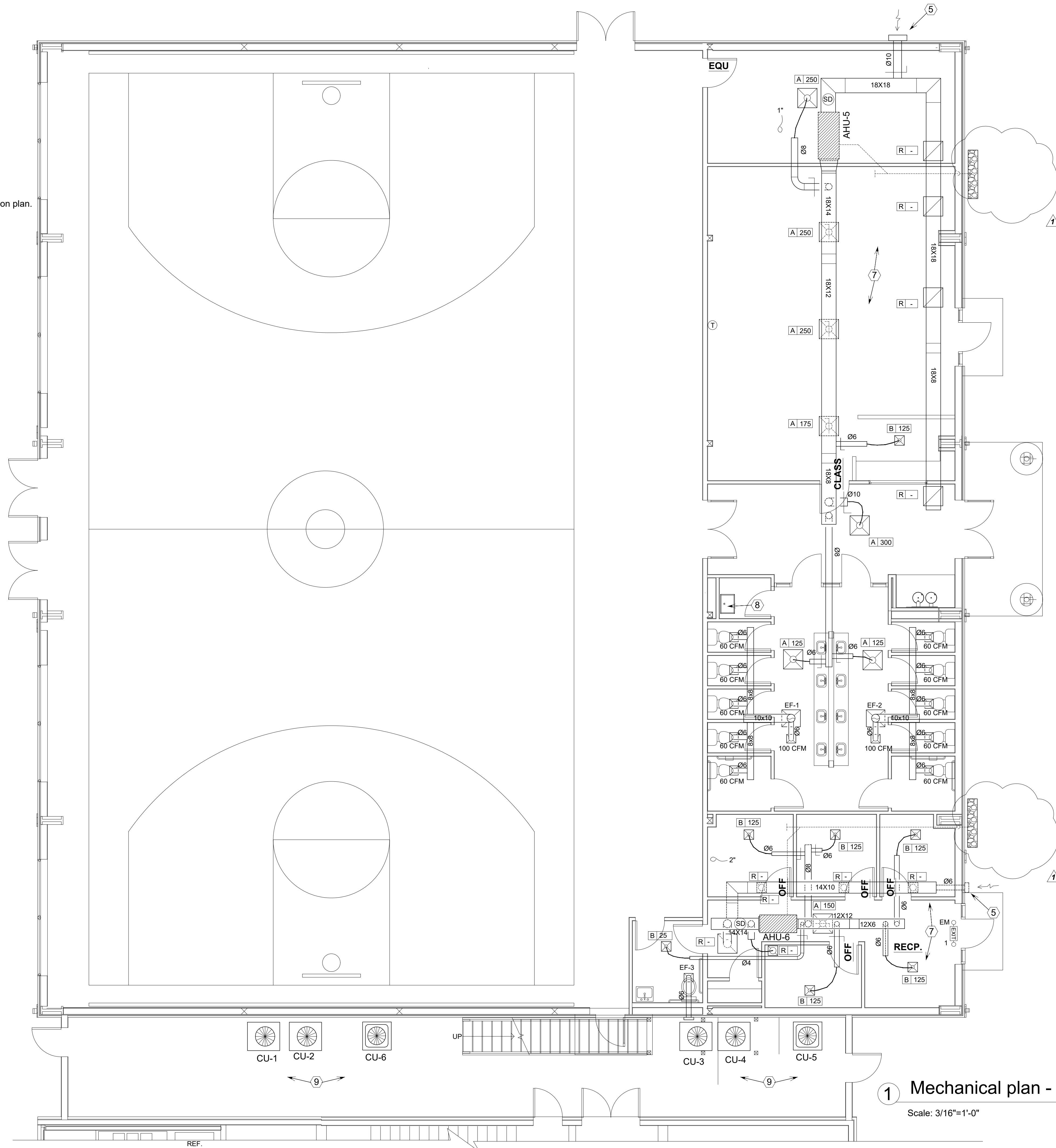
Project Number: 042105
Drawn By: NE
Designed By: NE
Checked By: Naeem Eghani, PE
Sheet Title: Mechanical Gym area
Sheet Number: M-1

General Note:

- All mechanical installations shall be per 2021 IMC and city of Killeen mechanical amendments.

Key Notes:

- 1 Install air-handling units over mechanical platform..
- 2 Mount thermostats (T) at 48" above floor.
- 3 Install smoke detector (SD) on return side of each units.
- 4 Balance all supply, exhaust and return to achieve specified airflow rate.
- 5 Route fresh air ducts through wall out. Install rain cap, bird screen and motorize damper on ducts. Locate intake air at least 10 feet away all exhaust air terminations.
- 6 Install roof exhaust fans (EF-1, & 2) on roof curb. Balance all exhaust air at each enclosed restroom as indicated on plan.
- 7 Insulate all air ducts at mechanical platform area with R-8 air duct insulator.
- 8 Route condensate water from air-handling units to outside into 60x12x12 dry-well fill with 1" gravel.
- 9 Install condenser units over concrete pads, ask owner for exact location of installation.



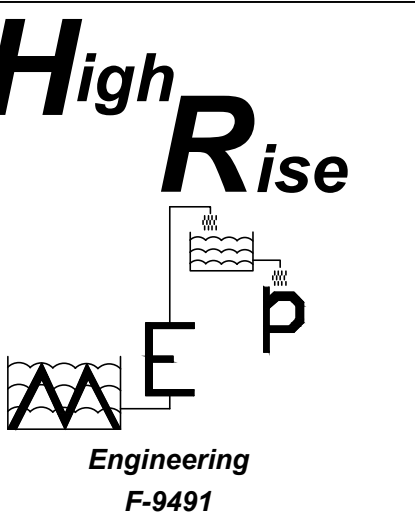
1 Mechanical plan - office area

Scale: 3/16"=1'-0"

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Issue Date: 2/24/22

Revisions

No.	Date	Description
1	11/07/22	Dry-well



Project Number: 042105

Drawn By: NE

Designed By: NE

Checked By: Naem Eghani, PE

Sheet Title: Mechanical office area

Sheet Number: M-2

SPLIT SYSTEM HEAT PUMP AIR CONDITION															
MARK	MANUFACTURER MODEL/TYPE	UNIT TONNAGE	EER	COOLING TOTAL	COOLING SENSIBLE	ELECTRICAL MCA MOCP	WEIGHT	MARK	AIR-HANDLER	EVAPORATOR AIR	FAN POWER	ELECTRICAL HEATING	ELEC R'QMT V/PH/Hz MOCP	WEIGHT	NOTE
CU-1	TRANE TWA090	7.5 TON	11.2	91 KBTU/H	73 KBTU/H	208 / 3Ø 32 A 40 A	430 LBS	AHU-1	TWE09043BAA	3000 CFM 450 CFM	3 HP	11.25 KW	208 / 3Ø 50 A	350 LBS	1, 2, 3
CU-2	TRANE TWA090	7.5 TON	11.2	91 KBTU/H	73 KBTU/H	208 / 3Ø 32 A 40 A	430 LBS	AHU-2	TWE09043BAA	3000 CFM 450 CFM	3 HP	11.25 KW	208 / 3Ø 50 A	350 LBS	1, 2, 3
CU-3	TRANE TWA090	7.5 TON	11.2	91 KBTU/H	73 KBTU/H	208 / 3Ø 32 A 40 A	430 LBS	AHU-3	TWE09043BAA	3000 CFM 450 CFM	3 HP	11.25 KW	208 / 3Ø 50 A	350 LBS	1, 2, 3
CU-4	TRANE TWA090	7.5 TON	11.2	91 KBTU/H	73 KBTU/H	208 / 3Ø 32 A 40 A	430 LBS	AHU-4	TWE09043BAA	3000 CFM 450 CFM	3 HP	11.25 KW	208 / 3Ø 50 A	350 LBS	1, 2, 3

NOTES:
 1- Install and secure condensing pan and auxiliary pan with overflow switch under units.
 2- Install smoke detector on return side of unit.

SPLIT SYSTEM AIR CONDITION												
MARK	MANUFACTURER MODEL/TYPE	SEER	COOLING TOTAL	COOLING SENSIBLE	ELECTRICAL MCA MOCP	WEIGHT LBS	MARK	AIR-HANDLER	EVAPORATOR AIR	ELECTRICAL HEATING	ELEC R'QMT V/PH/Hz MOCP	WEIGHT
CU-5	TRANE 4TTR4048	16	48 KBTU/H	35 KBTU/H	208 / 1Ø 24 A 40 A	190	AHU-5	TEM6A0C48	1600 CFM 150 CFM	9.60 KW	208 / 1 / 60 60 A	150 LBS
CU-6	TRANE 4TTR4024	16	24 KBTU/H	16 KBTU/H	208 / 1Ø 14 A 20 A	140	AHU-6	TEM6A0B24	800 CFM 80 CFM	7.68 KW	208 / 1 / 60 45 A	129 LBS

NOTES:
 1- Install and secure condensing pan and auxiliary pan with overflow switch under air-handling units.

Sidewall Propeller Exhaust Fan						
MARK	MAKE	MODEL NO.	RPM	CAPACITIES	HP	REMARK
WEF-1	GREENHECK	SE1-10-DGEX-QD	1050 TO 1550	626 - 805 - 924 CFM (SET TO 700 CFM)	1/12	1, 2, 3, 4
WEF-2	GREENHECK	SE1-10-DGEX-QD	1050 TO 1550	626 - 805 - 924 CFM (SET TO 700 CFM)	1/12	1, 2, 3, 4

NOTES:
 1- Install disconnect switch "NITS-1".
 2- Install speed control "385031".
 3- Install gravity backdraft damper "1WD100-16X16".
 4- Install weatherhood "WTHD".

ROOF EXHAUST FAN							
MARK	MAKE	MODEL NO.	RPM	SP	CAPACITIES	HP	REMARK
EF-1	GREENHECK	G-080-D	1550	0.125	400 CFM	1/20	1
EF-2	GREENHECK	G-080-D	1550	0.125	400 CFM	1/20	1

NOTES:
 1- INSTALL UNIT ON ROOF CURB.

CEILING EXHAUST FAN						
MARK	MAKE	MODEL NO.	SP	CAPACITIES	AMP / WATT	REMARK
EF-3	BROAN	L 100	0.125	110 CFM	1.8 / 127	1, 2

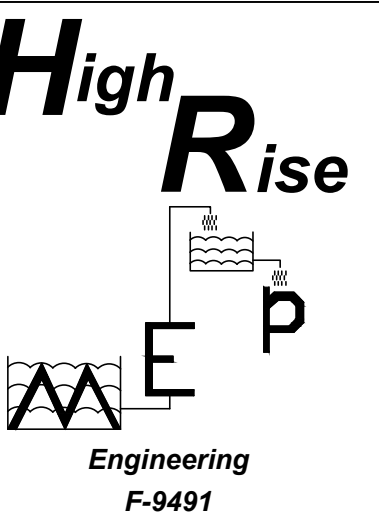
Notes:
 1- Provide and install Time Delay Switch on all Fans.
 2- Install rain cap and bird screen at the end of exhaust duct.

DIFFUSER						
MARK	MAKE	MODEL #	DESCRIPTION	NECK SIZE	FINISH	REMARKS
D	PRICE	600 AL	DUCT MOUNT	-	OWNER OPTION	6 X 20
A	PRICE	APFRF	CEILING DIFFUSER	6,8,10,12_Ø	OWNER OPTION	24X24
R	PRICE	530FF	BACK FILTER GRILL	-	OWNER OPTION	24X22
R	PRICE	PDDR	RETURN	6,8,10,12_Ø	OWNER OPTION	24X24 12X12

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Issue Date: 2/24/22

Revisions

No.	Date	Description
1	02/15/23	Diffuser & grill



Naeem Eghani

Project Number: 042105

Drawn By: NE

Designed By: NE

Checked By: Naeem Eghani, PE

Sheet Title: Mechanical spec

Sheet Number: M-3