

Will Turnbough

From: Dan Hertenstein
Sent: Tuesday, October 31, 2023 8:55 AM
To: Will Turnbough
Subject: RE: Mission Hills Country Club

Ethan in the email below is telling us to bill him time and he is charging back to the client. I don't know how much to charge until we start the job. So for now the p.o. is approved t&m by Ethan Drake/Lankford. Once we complete the job and have a billable amount I will ask if we can bill on his email approval of if they need to assign a po to it.



Dan Hertenstein | Executive Vice President

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From: [Will Turnbough](#)
Sent: Tuesday, October 31, 2023 8:44 AM
To: [Dan Hertenstein](#)
Subject: RE: Mission Hills Country Club

Dan
I'll get this built on Hub. Do you have a PO



Will Turnbough | VP National Markets
NEBB Certified Professional

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From: Ethan Drake <Ethan@lankfordfendler.com>
Sent: Monday, October 30, 2023 5:20 PM
To: Dan Hertenstein <dan@nationaltab.com>; Will Turnbough <Will@nationaltab.com>
Cc: Cory Conklin <cconklin@missionhillsc.com>; Jeff Holmberg <jholmberg@missionhillsc.com>
Subject: RE: Mission Hills Country Club

Dan,

Great summary.

Unfortunately I have to be in Atchison tomorrow but I'm including Cory and Jeff who can gain you access and are aware of your visit.

See my notes below.

Cory's contact:

Cory Conklin, General Manager/COO

MISSION HILLS COUNTRY CLUB

p. 913.722.5400 EXT: 139

a. 5400 Mission Drive Mission Hills, KS 66208

e. cconklin@missionhillsc.com

w. www.missionhillsc.com

his cell is 913.444.2859

call me during the visit if there are any questions.

Thanks!

Ethan Drake

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From: Dan Hertenstein <dan@nationaltab.com>

Sent: Monday, October 30, 2023 5:06 PM

To: Ethan Drake <Ethan@lankfordfendler.com>; Will Turnbough <Will@nationaltab.com>

Subject: RE: Mission Hills Country Club

Ethan

Will and I plan to go to site tomorrow at noon. I prefer just to take a 8ft ladder, not sure if that is adequate to reach all duct/piping and units. Questions below:

- Suspended unit, can we reach it with a 8ft ladder adequately? **Unit is actually ground mounted. Not sure if you'll even need a ladder to be honest.**
- I assume there is no building management system, that we can set the wall stat to full heat/cool to test water GPM? **They just changed over to heating. Not sure if a cooling call with call the central system back on or not. Jeff or Cory should be able to help.**
- If OA is closed, we will need to reset it to 1000 CFM to get to design conditions. I assume this is a manual OA damper on the louver of the wall accessible from a 8ft ladder? **yes**

Final data summary of results will include:

Total airflow

OA airflow

Pressure profile

HW GPM – balance valve (full heat)

HW Coil DP if possible

CHW GPM – balance valve (full cool)

CHW Coil DP if possible

HW pipe size

CHW pipe size

Room sensor temp reading vs Field Space Reading

Any additional observations we find we will add.



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From: [Dan Hertenstein](#)
Sent: Thursday, October 26, 2023 9:27 AM
To: [Ethan Drake](#); [Will Turnbough](#)
Subject: RE: Mission Hills Country Club

Ethan,

Will said the meter should be done today or tomorrow, we can pick up and go early next week. We can set a time on Tuesday mid-morning to be on site.



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From: [Ethan Drake](#)
Sent: Thursday, October 26, 2023 8:47 AM
To: [Dan Hertenstein](#)
Subject: RE: Mission Hills Country Club

Morning, Dan!

Getting some pressure to get this on the schedule with Mission Hills.

Any update? Is there a day I can give them?

Ethan Drake
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From: Dan Hertenstein <dan@nationaltab.com>
Sent: Monday, October 23, 2023 8:39 AM
To: Ethan Drake <Ethan@lankfordfendler.com>
Subject: RE: Mission Hills Country Club

We have our water meter in for calibration so we are waiting on word if it's ready and back this week. Let me get with Will and find out it's status then we can set a time/day



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From: [Ethan Drake](#)
Sent: Monday, October 23, 2023 8:16 AM
To: [Dan Hertenstein](#)
Subject: RE: Mission Hills Country Club

Dan,

Any thoughts on a date?

Ethan Drake
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From: Ethan Drake
Sent: Sunday, October 15, 2023 11:12 AM
To: Dan Hertenstein - Air Solutions - HBT (dan@nationaltab.com) <dan@nationaltab.com>
Subject: Mission Hills Country Club

Dan,

Please find existing drawings attached. I've highlighted the unit in question.

LFA has been asked to investigate the system as a whole. It sounds like in discussing with the staff and director of operations that the unit under performs in both cooling and heating. They had two movin-cool units in the gym during the summer. They do not wish to continue paying for rental equipment obviously.

I have ran a load separate from the original we did and the capacity of the unit appears to be correct. If anything, it may fall slightly short on design days. However, the outside air to the unit has been closed. Leading me to believe there is something else going on.

I have a feeling it's one or a combination of a couple of things...

1. It looks as though the actual return that got installed isn't adequately sized. I marked up the plan to show what looks to be actually installed.
2. It looks as though the piping was designed a pipe size short.

I have placed data loggers in the return, supply, mechanical room and the gym but I don't think it'll get me enough information especially being in a shoulder month.

I'd like to have you take an airflow, pressure and hydronic profile of the unit. ASAP but if we could schedule something for the next week or the week after I'd appreciate it.

Let me know what you'd charge. I know you'll be fair but I am passing the cost along. I won't need a formal signed report. Just the numbers will work.

Send me some dates for us to get together next month!

Ethan Drake

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