

# Facilities Services Weekly

March 13, 2023

ADMINISTRATION • BUILDING SERVICES • OPERATIONS • ENERGY MANAGEMENT • DESIGN • UTILITIES  
ZONE MAINTENANCE • ADMIN. & SUPPORT • COMMUNICATION & INFORMATION • CONSTRUCTION



Click [here](#) to listen to announcements.

## March is National Ladder Safety Month

Did you know that March is National Ladder Safety Month? Every year, more than 300 people die from a ladder-related accident and thousands suffer from disabling and/or debilitating injuries. These deaths and injuries could be prevented with correct ladder use. Without proper training, we will continue to see far too many fatalities. That's why, UT Facilities Services is excited to participate and support this important initiative by offering new ladder safety training through American Ladder Institute. At the end of each March newsletter, we'll include a few resources to help keep you safe.

## Career Development Fair on March 21 at the Student Union

Human Resources is excited to host the first-ever Career Development Fair on Tuesday, March 21 from 4:30p to 7p in the Student Union Ballroom C! This event will allow current employees the opportunity to connect with campus partners who can assist with different aspects of Career Planning & Development including Recruitment, Learning & Organizational Development, Employee Relations, and more, as well as attend micro-sessions on topics that we find common from those looking to advance. We are excited to welcome all current staff and hope to provide resources and information to help you design your career at UTK! Flyer is included at the end of this week's newsletter.

## Upcoming Retirement Parties

Sheena Rhea in Preventive Maintenance will be retiring March 31, 2023. She will be having a breakfast reception on Thursday, March 30 at 8am in Brehm Animal Science, Room 260.

Leo Pedigo will be retiring April 28, 2023. His breakfast reception will be Thursday, April 27, 2023 at 8am in Facilities Services conference rooms 101/102.

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## BUILDING SERVICES

- Clarence Brown Theatre - Swept and mopped stairs and detailed/orbited the floors in all restrooms
  - Humanities - Spot cleaning classroom rugs and auto-scrubbed all floors in HSS and McClung Tower
  - Art + Architecture - Swept and mopped stairwells and cleaned carpet in office areas
  - Zone 1 has been working in Dabney/Buehler. Scrubbing and burnishing floors. Cleaning out classrooms and stairwells.
  - SU Continued: The ballroom carpet was spot cleaned. Overlook glass and handrails on the second and third floor was cleaned. The torch Chandler was cleaned. First-floor all gender restroom was detailed cleaned. Grease tracks were clean out of the hallway carpet on the third and second floor. Working on entrance walk-off mats Removed black marks in elevator floor. Auto scrubber was run on G1, G2, G3 and first floor.
  - The new SC2000 Auto Scrubber was delivered for Haslam Music
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## BUILDING SERVICES CONTINUED:

- The next CCP Class is starting March 15th
- Student Union: Event room 262 all the carpet was cleaned. Ballroom carpet was spot cleaned. G2, G3, G1, L1, and first floor was auto scrubbed. Dusting of the second and third floor, hallways and event rooms. Dining floor was auto scrubbed in phase 2. The stage in the auditorium was dust mopped. The dressing rooms and their restrooms were cleaned. Hallways on second and third floors were vacuumed.
- Blanket Landscape Installation Contract: Work with UT Procurement on bid package (cont)
- TREC: Provide excavation support to the Plumbing team for repair of steam condensate leak (cont)
- Morgan Hall: Participate in monthly progress meetings for window replacement/brick tuck-pointing in order to discuss protection of the landscape (cont)
- Ayres Hill ADA staircases: Coordinate with FS Design on landscape plan for new staircases (cont.)
- Recruiting to fill vacant positions

## **OPERATIONS & LANDSCAPE**

### Landscape Services:

- Urban Forest Master Plan (City of Knoxville): On-going collaboration with the city during plan development
- College of Law: Present landscape enhancement plans to administration
- Carrick Hall: Excavation support for steam and condensate repairs
- Sorority Village: Excavation support for two geothermal repairs
- McCord Hall: Excavation support for new sanitary sewer connection
- Campus wide: Asphalt patch repairs through campus
- Storm Cleanup from March 3rd.
- Neyland Drive Campus Entrances: Demolition and installation of landscape renovations. (cont)
- Sidewalk project between G-16 and Haslam Practice Field: Excavation and re-routing irrigation lines. (cont)
- Providing annual team member performance evaluations (cont)
- Vet Med Addition: Participate in the final irrigation and landscape punch list walk with the designer and contractor (cont)
- Landscape bed cleanup and pruning back ornamental grasses in preparation for mulch install (cont)
- Landscape Academy: New series of refreshed training for all team members (cont)
- Sorority Village: Restore event lawn following repair of leaking geothermal system (cont)
- Irrigation Systems: GPS locate all underground valves, meters, and components. (cont)

### Rapid Response Team:

- Miscellaneous: Uncrated, assembled, and installed bio safety cabinet at Mossman. Transferred fragile crates to Strong Hall loading dock for freight shipment, delivery of packing supplies to several building around campus.
- Delivery, Set up/Break Down of Events at: Haslam Business Building Atrium, Art & Architecture Bldg, Strong Hall, Buehler, Pedestrian Walkway, Mossman, Student Union, Zeanah Engineering.
- Lab Equipment and Office Moves at: Strong Hall, Natalie Haslam Music, Dunford Hall, Student Services, Student Health, Black Cultural Center, Ferris Hall, Student Union Phase II, Alumni Memorial Bldg, White Ave. Early Learning Center.
- Banners: Removal of Student Success Week banners in Circle Park and Pedestrian Walkway, Removal of A-Frame signs in various locations around campus, repaired banners on Middle Drive.

### Sanitation Safety:

- Completed pest control requests

## **ZONE MAINTENANCE**

### Zone 1:

- Zone 1 had roof leaks that have been addressed
- Working in Fraternity Park to repair damages
- Made preparations for high winds

### Zone 2:

- cleaning all cooling towers

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ZONE MAINTENANCE CONTINUED ON PAGE 3

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## ZONE MAINTENANCE CONTINUED:

- doing spring cleaning
- O.S.H.A training
- performance reviews
- interviewing people
- answering calls
- unlocking doors
- switching from heat to air back to heat at Student services and Communications.
- Getting ladders for Wayne Cowden so he can do his work in all buildings daily.
- Looking for a place to have our Maintenance shop at McClung Tower since ours was taken for storage.
- Throwing our stock out at McClung Tower
- answering calls.

### Zone 3:

- Zone 3 is starting to repair buildings outside lighting

### Zone 4:

- Repaired a steam kettle in the Student Union Phase II
- Repaired cooler leaks at the Student Union Phase I
- Repaired a pizza oven at Rocky Top Dining
- Repaired a hot well at Stokely
- Repaired a sink drain at Vol Hall
- Repaired a meat slicer at Thompson Boling Arena

### Zone 5:

- Neyland Stadium: checked and made repairs as needed and started checks for leaks on the 2nd east and west floor after winterizing
- Allan Jones Aquatic: checked and adjusted chemicals in pools and assisted Interstate with renovations
- Football Complex: checked and adjusted chemicals in pools and checked/repared LED lighting as needed
- Sherri Parker Lee Stadium: worked on stadium check and repairs after the Tenn Classic/ahead of Ole Miss
- Lindsey Nelson Stadium: Checked and made repairs after Gonzaga and ahead of Morehead State
- All throughout zone General building maintenance.

### Zone 6:

- No new report

### Zone 7:

- Daily building checks
- Cleaning Cooling Towers

- Serviced AHU in Perkins and Farris

### Zone 8:

- We have been doing electrical work in preparation for the annual Wildlife and Fisheries Wild Game Dinner.
- Our team has been working to repair the electrical and controls system for Greenhouse 14.
- We will be preparing to start our cooling tower cleaning soon with the warmer temperatures.
- Our One-Call team continues to answer calls for the UTK campus 24/7-365 days a year.

### Zone 9:

- We have been doing repairs to a small block building at the Middlebrook building for EHS to house some radiological equipment.
- We have recently been changing many of our buildings air filters.
- Our monthly Archibus work request will be our area of focus this week on our PM requests.

### ZM Specialties:

- Replacing door operator at Student Union
- Repaired door operator at Geier Hall and roton hinges at Rocky Top Dining
- Supplying batteries for generator at Carrick Hall
- Moved lifts to various campus locations
- Replaced lights at Administration Garage
- Corrected equipment data for Zone 2 and 3
- Revised annual coil cleaning procedures
- Drafting garage lights PM for One call work teams
- Verifying pressure vessels in Zone 2
- Re-caulking windows at Fred Brown and Massey Halls
- Repairing door glass at Hess Hall
- Balancing a newly installed fume hood and snorkel at Zeanah
- Assisted in decommissioning fume hood at Zeanah
- Assisted EHS with lab evaluation
- Took pre-construction air measurements at Hoskins

### Lock & Key Services:

- Hodges Library – assist with installs
- Phi Kappa Psi – replace keypad lock
- Zeanah Engr. – rekey locks

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ZONE MAINTENANCE CONTINUED ON PAGE 4

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## ZONE MAINTENANCE CONTINUED:

- Vet Med. – install locks & cores
- Burchfiel – install locks
- Baker Center – exit hardware repairs
- On Campus – Assisting as needed
- University Housing – many recores and repairs

## UT Office of Sustainability/Recycling:

### Weekly Recycling Totals:

- Bottles/Cans: 5,220 lbs.
- Paper: 17,760 lbs.
- Cardboard: 0 lbs.
- Total: 22,980 lbs.

### Fiscal Year Recycling Totals:

- Bottles/Cans: 150,377 lbs./ 75.19 tons
  - Paper: 265,340 lbs. /132.67 tons
  - Cardboard: 184,620 lbs./92.31 tons
  - Pallets: 159,972 lbs./79.99 tons
  - Electronics: 5,893 lbs./2.95 tons
  - Batteries: 1,978 lbs./0.99 tons
  - Plastic Film: 2,242 lbs./1.12 tons
  - Scrap Metal: 102, 685 lbs./51.34 tons
  - Yearly Total: 873,106 lbs./ 437 tons
- Hosted 6 volunteers at the Free Store and 6 at the Grow Lab
  - Participated in softball's first Zero Waste Gameday (diversion totals still being estimated)
  - Submitted the triennial STARS report

## **COMMUNICATIONS & INFO SERVICES**

### Communications & Public Relations:

- Send any photos of your work team that you'd like to see featured on FS social media directly to Sam at sjones80@utk.edu or 865-771-1531
- The electronic employee comment box can be found at [tiny.utk.edu/fscommentbox](http://tiny.utk.edu/fscommentbox).

### Employee Training & Development:

#### Upcoming Training

- APPA has already started a great list of webinars available to all of us for free! Take a look at the list of available learning

opportunities at the link [here](#). Register now for those that are in a topic area that interests you. If you have your CEFP, AIA, or any other professional certification, register for these webinars to work on your continuing education credits. Bookmark the link above to check in throughout the year for additional learning opportunities.

- Aerial Lift Training – FSC 101, Concord - Thursday, March 23, 8:00 – 12:00. To attend this training, email Troy Soumeillan at troy@utk.edu. Please ensure you bring your harness to the training session as it is required for the hands-on portion.
- Design Your Life! – FSC 102 on Thursday, March 23, 3:00 – 5:00. This program offers you an opportunity to connect the dots between who you are, what you believe, and what you do to construct a story of meaning and purpose that encompasses your life and career. This process will help you understand why you do what you do, and more importantly, why it matters. To express interest in registering for this course, please contact Rebecca Alcorn at ralcorn@utk.edu.
- Office of Ombuds Services: Getting Unstuck – Virtual Event on Wednesday, March 29, 2:00 – 3:00. Participants will be introduced to a range of free services from Ombuds Services, perspectives on conflict as a tool for innovation, and key approaches to navigating challenging situations. Register for this training [here](#).
- Stride for Staff on Thursday, March 23, 9:00 – 10:30 Register for this event on K@TE.

#### Training News:

- **Training Calendar is available online!** Visit <https://fs.utk.edu/comminfo/training/> to view upcoming training dates, times and information throughout the year. The calendar is located below the "Login for online training" link. Check back often as new events and opportunities are added often!

#### Information Technology:

- Looking for an update or information on the DASH implementation process? Visit <https://liveutk.sharepoint.com/sites/DASHProgram> to learn more!
- Student Training
- Job Fair Assistance
- 2023 Inventory
- Computer Setups for New Staff

UTILITIES CONTINUED ON PAGE 5

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## UTILITIES CONTINUED:

- Computer Setup for Student Worker

## UTILITIES SERVICES

### A/C Services:

- Lowered the temperature of pool HPER
- Assisted AC shop with restarting Penthouse AHUs at Hoskins.
- Repaired Faulty VFD fan for AHU 4 at Hodges Library.
- Found a bad hot water valve in room 309 of Min Kao.
- Found bad Low Limit switch and outside air sensor on AHU 3 at Hoskins.
- Enabled Chiller 1 at Zeanah bldg.
- Replaced faulty hot water valve in Room 309 of Min Kao
- Assisted maintenance with cooling issues at Claxton.
- Adjusted HPER pool temp.
- Began planning Greenhouse 14 controls renovation.
- Worked with the contractor on programming Hoskins Library humidity control.
- Began troubleshooting walk-in cooler alarm issues for room 129 at Mossman.
- Adjusted controllers for the cooling tower at the Music chiller bldg.
- Verified operations of the discharge air valve in room 211 of Zeanah.
- Conference Center – Repaired 4th floor walk-in freezer.
- Art/Architecture – Replace chilled water coils in AHU no. 8
- Plant Biotech -Repaired walk-in cooler #342.
- SERF – Replace VFD on no. 2 chiller
- Greve Hall – Repaired Mini split for elevator room.
- Claxton- Clear chilled water lines in the penthouse
- Environmental / Landscaping- Repaired units# 1&3.
- Middlebrook – replace cooling tower pump for WSHP system
- Humanities - Replace water sensing detector for Liebert unit
- Plant Biotech–rebuild heating water pump
- Dabney Buehler- rebuild heating water pump
- International House – Repaired ice machine.
- Hesler Biology & Greenhouse- Repaired 2 of the growth chamber units.
- Biosystems Engineering – Repaired Air compressor.
- Humanities Telephone – Repaired unit.
- alarm inspections.
- Neyland Stadium assists MASCO with repairs.
- TBA disable/enable beam detectors for contractors.
- Clarence Brown Theater install fire alarm batteries.
- TBA assist EHS with a fire drill.
- Early Learning Centers (3) assist Simplex with yearly fire alarm inspections.
- Pratt Pavilion assists Simplex in yearly fire alarm inspections.
- TREC disable/enable smokes for contractors.
- TBA assist Masco with sprinkler leak repairs in the machine room.
- Clement Hall assists MASCO with sprinkler repairs.
- Pi Beta Phi smoke detector in alarm due to cooking reset and cleared.
- Goodfriend Tennis assists Simplex with yearly fire alarm inspection.
- Fred Brown disabled/enable fire alarm devices for the AC shop.
- Jessie Harris responds to the fire alarm reset and clear.
- TBA troubleshoot beam detector troubles.
- Zeanah replace three duct detector boards on the 2nd. Floor.
- UT Conference Center disable /enable fire alarm for MASCO.
- Clement Hall assists Masco with repairs.
- Pediatric Language assist with the power outage.
- UT Conference Center disable /enable fire alarm for MASCO.
- Zeanah assist Simplex with duct detector issues on the 2nd. Floor.
- Rocky Top Dining troubleshoots fire alarm troubles on the panel.
- Student Union 1 troubleshoots ground faults on the panel.
- Pediatric Language replace batteries in fire panel.
- Termination of electrical wiring for SERF Chiller 2
- Replacement of defective ballast at Andy Holt Tower Room P273
- Demo of pipe insulation for installation of Heat Trace Wiring
- Mossman Duct Heater Project

### Electrical Services:

- Clarence Brown Theater assists Simplex with yearly fire

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## UTILITIES CONTINUED:

- Pediatric Language Clinic Electrical Panel Melted
- Installation of electrical heat trace wiring at Temple Hall
- Troubleshooting and repair of Greenhouse Controls at South Greenhouse Bay 7
- Troubleshooting and repair of lighting at Stokely Management Center outside Room 410
- Removal of damaged electrical panel at Pediatric Language Clinic
- Replacement of defective electric vehicle charging station outside Haslam Music Center
- Troubleshooting and repair of greenhouse controls at South Greenhouse Bay 7
- Troubleshooting and repair of lighting at the Student Union Loading Dock/Garage
- Installation of a new Electrical Panel at the Pediatric Language Clinic
- Meeting regarding defective lighting at Kappa Kappa Gamma Sorority
- Mossman Duct Heater Project Logistics
- Relocation of Lutron Computers and Network at Zeanah Engineering Building
- T.O.C. / CAMPUS / D\W – marking and logging in the Tennessee ONE CALLS (the 1-811's)
- O.D.L. / PARKING LOT 9 – on-site checking the issue with some fixtures on the parking lot poles not coming on and some staying on. The one staying on is a problem with photocells. Parts and new fixtures have been ordered, waiting on arrival.
- H.V. MAINTENANCE / METAL BUILDING / MONTHLY – cont., cleaning and straightening up inside the H.V. building.
- O.D.L. / SORORITY VILLAGE PARKING LOT POLE LIGHTS – (2nd try) in installing/changing out to LED fixtures. (1st try the short arm where wrong.) Now the issue, the hole in the pole where wires come from the fixture, is not big enough. Have to enlarge.
- O.D.L. / FACILITIES-VET MED. (C.P.) – reported; possible lights damaged from shipping. Checked out the 7 boxes. The Outside was damaged, but the fixtures were good, but 2 of the Acorn (fettles) were off the top of the globe. Check out the fixtures with Candis. Then she sent an email to UTFS Design and the project for Massey they could pick them up at our warehouse.
- O.D.L. / FACILITIES\SORORITY VILLAGE – checked in replacement LED driver for the C.S. sidewalk Poole fixtures. Making plans to change out the 2 or 3 that are out.
- O.D.L. / FACILITIES\LOT 9 PARKING LOT – checked in replacement fixtures for the bad pole lights in the parking lot. Making plans to replace and make repairs to fixtures and the photocells.
- H.V. / FACILITIES\NEYLAND STADIUM NEW (MAINTENANCE, WOOD, and GROUNDS DEPT. SHOPS) – (these are the new shop for the operation of the whole stadium and they all are the in new location of the stadium from the C.P. job (demo) in the South.) Wrote several P.D.s for T.A. Electrical labor for the new electrical for each of their new shops.
- O.D.L. / FACILITIES\ SHERRI LEE SOFTBALL, LINDSEY NELSON BASEBALL, and TREC INTRAMURAL FIELD, FIELD LIGHTS – wrote several P.D.'s for T.A. Electrical labor, from the work of changing out bulbs and ballast on the bad fixtures at each location.
- O.D.L. / G11 PARKING GARAGE (LAKE AND TERRACE AVE) – return to cont., running of pipe on the wall's backside and start reinstalling the short C.S. short pole lights back onto the caps on the columns, after the contractors re-install them.
- H.V. / LINDSEY NELSON BASEBALL (C.P. future) – meet Electrical Engineer to talk about the upcoming job to expand the stadium. What was needed in special areas and how the existing high voltage is running? Showed the existing electrical rooms. Later, had a meeting with Cesar to talk and hand sketch plans to refeed H.V. circuits, that is in Pat Head Summit road. Talking through how to move, for the upcoming job of baseball.
- O.D.L. / LINDSEY NELSON BASEBALL – check in on T.A. Electrical on the job changing out 2 more bad bulbs and ballast on the field lights.
- H.V. / 2023 LAKE AVE. PEDIATRIC LANGUAGE CENTER – was contacted by Fire Tech., that had no power on their panel. Secondary Electrical was on site and tried to check the panel outside. The main breaker had issues along with the buss bar. Contacted KUB and ask if they had any power out in the area. (NO) then called them back to remove the meter. ON site to check out and waiting on KUB to remove the meter. After they removed the meter, ask them to unhook from the overhead lines. (secondary electrical changing out the

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- panel.)
- O.D.L. / G11 PARKING GARAGE (LAKE & TERRACE AVE.) cont., working on resetting the short C.S. poles and fixtures back on the column caps (after they were re-installed) Also had to take down one pole for the contractors to redo a column cap.
  - O.D.L. / FACILITIES – pick up 4 C.S. sidewalk fixtures from the warehouse that finally came in. (start to install them on WED. per W.R. sent in that are out)
  - T.O.C. / FACILITIES – called about the locator that had been calibrator last year (late in the year), which we know is not working. Was able to get part of the wand working, but there is still an issue not working correctly. Looking up the PO # in Archibus, to show how long ago to the company it was in for calibration.
  - H.V. / NEYLAND STADIUM SOUTH (C.P.) – meeting with the G.C., Athletics, Massey Elect., UTFS Utilities Electrical, and Candis about the future of the Frankenstein Room. We all came up with a plan to move forward. // Meet Massey Elect., after the meeting in the G.C. office; to open the transformer for the West side of the G10 parking garage. Checking and plans for the new East Side of the garage to be added to the same transformer, for the demo going on the South side of the Stadium. // Later meet Cesar at the platform in the steel of the South/East side of the Stadium, to check and safe to do testing from the Frankenstein room to the switch on the platform.
  - H.V. / SERF (C.P.) – met with Massey Elect., about them installing a new box on the outside of 1 of 4 transformers in the pit. Before the upcoming outage is planned. So, they can finish running the new pipes to it and pull the wire. For the outage. (meeting them next week for the request)
  - O.D.L. / LINDSEY NELSON BASEBALL – work on pole light at the entrance and the ticket booth. Tried changing photocell 1st (come one then out). Pick up a new LED fixture, and installed it.
  - O.D.L. / CIRCLE PARK – changed out 2 not working C.S. sidewalk pole fixtures that are along the parking in the front near the flag pole, with new ones that just came in.
  - O.D.L. / TREC INTRAMURAL FIELD LIGHTS – wrote P.D. for T.A. Electrical labor; working on changing bulbs and ballast.
  - H.V. / 2023 LAKE AVE. PEDIATRIC LANGUAGE CENTER / FACILITIES - after Secondary Electrical had fished changing out bad panel and breaker. Contacted KUB; to have the overhead service lines re-hooked up to the transformer and the meter installed.
  - O.D.L. / FACILITIES / REESE HALL – filled out the online accident report and attached several emails to Risk Management; from delivering a truck backing into C.S. sidewalk Pole light in the back parking lot.
  - H.V. / CAMPUS – pick up the High Voltage Line Truck from Stowers. They had worked on the truck and serviced it also.
  - O.D.L. / GREVE HALL – changed bad fixture with a new LED fixture.
  - F.P.T. / SMC BUILDING – trouble on the fire panel for NODE 4, going in and out of trouble
  - F.P.T. / 1820 FRAT PARK – an issue on the Area of Rescue Panel
  - SECONDARY ELECTRICAL / 2021 SORORITY VILLAGE – reported no power to the elevator. On-site to check out, and David B. showed up to assist.
  - F.P.A. / HESS HALL - true alarm on the 4th floor from someone cooking. Checked out and after the smoke cleared was able to reset.
  - O.D.L. / CAMPUS – check-in cage for 1500 M.H. bulbs for the T.A. job at TREC.
  - BLUE PHONE / NURSING\BAILEY (C.P.) – ask to unhook the blue phone for C.P.... Started looking for the breaker in the machine room, (and other panels) but was not able to locate it.
  - BLUE PHONE / NURSING\BAILEY (C.P.) – returned after checking with Foreman about the location of the breaker, and still no luck with the breaker. Installed breaker tracer, to try and locate the breaker feeding the blue phone.

### Plumbing Shop:

- Pump steam vaults on campus
- Repair steam leak at Hoskins Library
- Repair condensate leak at Anderson Training
- Repair steam leak at Physics
- Repair steam leak at South College
- Cut sidewalk and asphalt for the condensate leak at Carrick Hall

### Steam Plant:

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- Installed a 6" Spool in the blowdown line.
- Got all the materials needed for a platform that will be built for the oil cooler.
- Cleaned up around the plant.
- Pulled wire for the VFD.
- Installed the VFD. (ongoing)
- Turbine was taken down to install a new thermostat housing.

## CONSTRUCTION SERVICES

- Allan Jones Aquatic: Add vent for Paddock evacuator
- Alpha Delta Pi: Renovate 1st floor restroom
- Andy Holt Tower: Renovate 7th and 8th floors
- Art and Architecture: Renovate 455; Paint and ceiling work 231
- Ayers Hall: New work station 313
- Bailey Education: Electric A232; Paint and carpet A227; Paint and carpet several rooms on 3rd floor; Paint and carpet 413, 419, 420, A218
- Baker Center: New offices on 3rd floor
- Bass Building/Body Farm: Replace storage shed
- Biosystems Office Building: Wiring for cubicles
- Burchfiel Geography: Divide 402 and 403 into smaller rooms
- Campus: Refurbish outdoor basketball courts behind Fraternities; VFI winners 2022; Trash and recycling pads on Lake Ave.; Aramark assistance at several locations; Water meters for cooling water make-up; Sculpture Maintenance; New sidewalk between Vol Parking Garage and Anderson Practice
- Claxton Building: Paint 342; Remove Cabinets and door-patch and paint 425
- Communications: Paint 292
- Conference Center Building: Move State Comptroller 307; Paint and carpet 4th floor; Utility connections for leased dish machine 402A; Renovate Suite 313; Redesign suite 309; Paint 308B
- Cumberland Food Court: Digital signage for food area
- Dabney Buehler: Replace fume hoods in 408, 507, 508, 607, 608; Install dishwasher 302
- Dougherty Engineering: Paint and carpet 423
- Early Learning Center: Work on White Ave. playground
- Equity and Diversity: Install a ramp
- Facilities Services: Modifications to compressor; Reinstall wind turbine; Add grill in supply duct equipment 101; Stabilize marble on Office Building
- Glazer Building: Renovation for classroom
- HPER: Paint 331, 336, 330, 351, and 360A2; Fire Alarm paging; Paint and repairs B025A; Paint and carpet 119
- Haslam Business Building: Switch access controls to UTPD server; Add glass to doors 443, 444, 445; Remove cabinets, paint and flooring in 445; Install receptacle 443; Repaint wall in 406
- Hesler Biology: Electric work 114; Additional room exhaust 544; Rework HVAC and add mini split 234; renovate 104 and 105 for labs
- HPER: Install concrete pit 135E; Paint and floor repair B025A; Paint 335, 347, 338
- Hodges Library: Voice transmittal over Fire Alarm; Replace elevator lobby lights 3-6; Replace 6 light fixtures in Special Collections; Repair loading dock; Ceiling and light work in Comm. Closet; Cubicles near One Stop; Renovate suites on 1st and 6th floors
- Humanities and Social Sciences: New office and other renovations in Reading Center
- Kingston Pike Building: Paint and carpet majority of building
- Lindsey Nelson Stadium: Electric and fire suppression 208
- McClung Museum: Paint and floor work in Egypt gallery
- Middlebrook Building: Renovate offices on 1st floor, front of building
- Morgan Hall: Paint 104 and 308F; Paint, carpet, lighting and blinds Suite 225; Paint and electric 121
- Nielsen Physics: Make 404 an office
- Panhellenic Building: POCA Renovations
- Pendergrass Library: New entry doors
- Phi Delta Theta: Install new flood lights
- Pi Kappa Alpha: Renovate bathrooms
- Plant Biotech: Reroute sewer line; Replace grow lights 321
- Plant Science Unit (Alcoa Highway): Guardrail and ditch work on new road; Install poles for hops yard; Set wood poles for hops yard
- Presidential Court: Renovation for University Printing and Mail
- SERF: Utility work and drains for polisher in 309; Renovations for 106 and 108
- Sigma Chi Fraternity: Replace window and add bottle



# Facilities Services

March 13, 2023

ADMINISTRATION • BUILDING SERVICES • OPERATIONS • ENERGY MANAGEMENT • DESIGN • UTILITIES  
ZONE MAINTENANCE • ADMIN. & SUPPORT • COMMUNICATION & INFORMATION • CONSTRUCTION

## CONSTRUCTION CONTINUED:

- filler; Replace HVAC system
- Sigma Kappa Sorority: Replace carpet in library
- Sorority Village: Add card reader to gate
- South College: Paint and flooring 101 and 101A
- Steam Plant: Gates and bollards
- Stokely Hall: Digital signage for cafe
- Strong Hall: Lab renovation in 720F; Add ventilation to equipment 324
- Student Aquatic Center: Convert 102B into an office
- Student Health: Renovate 288A and 288B for offices; ADA operator and access controls 1st floor door; Fire Alarm paging
- Student Rec: Remove wall between studio 8 and 10
- Student Services: Paint 201L, 401F, 401G, 401H; Renovate Suite 413
- Student Union: Painting in Suite 383; Hold open closers on 2 connector doors; Move Big Orange Pantry to Smokey's Closet; Remove panic buttons 383; Digital signage for deli; Raceway for Vol Shop data outside lower entrance
- Temple Hall: Add lights on 1st floor
- Thompson-Boling Arena: digital signage Arena Cafe
- UT Drive Services Building B: Renovation 101 for sculpture studio
- UT Warehouse: Make 2 offices into 1 large office 123/106
- Volunteer Hall: Paint stairways
- Volunteer Parking Garage: Repair block at water line repair
- Walters Academic: New work station A303; Renovate D205
- Zeanah Engineering: Additional electric work in wood and metal shops; Door controls 313; Electric and lab exhaust 402; Move lab from SERF 108 to 517; Add a door to 210B; Electric work in G112; Door holders for 4th floor Dean's suite; Utility connections for polisher in 111; Exhaust work in 237; Modify DI water in 212
- Zeta Tau Alpha: Paint bathroom; Replace some indoor lights; Interior painting
- 1610 University Ave.: Hold open on corridor door
- 1817 Melrose Av.: Install a door between 101 and 102
- 2023 Classroom Upgrades: Renovate several classrooms on campus
- 22nd Street Duplex: Make restroom accessible

## FACILITIES SERVICES

### **Employee Comment Box Locations:**

- Facilities Services Complex Break Room & Shop Area
- Steam Plant (near time clock)
- Steam Plant Hill (Landscape Supply Room)
- Hodges Library 1st Floor Service Hallway
- SERF Outside of Room 426
- The electronic employee comment box can be found at [tiny.utk.edu/fscommentbox](https://tiny.utk.edu/fscommentbox).

# DESIGN YOUR CAREER @ UT

Join Human Resources at the first Career Development event dedicated to providing guidance for your next steps at UTK and assisting you in designing your career path!

**TUESDAY - MARCH 21, 2023**  
**4:30 TO 7:00 PM**  
**STUDENT UNION - BALLROOM C**

## ■ Meet Team Members from:

- Recruitment
- Compensation
- Employee Relations
- Career Development
- L&OD
- Records Management

## What to Expect:

- Schedule a Personal Career Development Session
- Discover Training Opportunities
- Attend Sessions to Learn About:
  - Conflict Management
  - Interview Tips
  - LinkedIn & Networking



# HOW TO CARRY A LADDER SAFELY: JOHNSON CONTROLS TEAMS WITH PPE DISTRIBUTOR, ERGODYNE TO FIND THE ANSWER

Fed up with injuries and accidents from lifting and transporting ladders, a global facilities technology and solutions company turned to Fastenal and safety work gear manufacturer Ergodyne looking for a solution. Their ideas, testing and feedback were critical in developing a solution so simple, it's hard not to ask, "how wasn't this a thing already?"

## // THE RISK[S]

Carrying a ladder is an awkward proposition at best. Dangerous and costly at worst. And it's a daily reality for the thousands of technicians at Johnson Controls Incorporated (JCI).

As a global leader in smart and sustainable buildings, JCI focuses on efficiency, controls, and automation in the spaces where people work, learn and play. This means everything from heating, ventilation and air conditioning to fire suppression, security and much more in buildings big and small—including icons like the Burj Khalifa and the Empire State Building.

It was JCI's Fire Protection division in Plymouth, MN that first raised concern over injuries and accidents their technicians were incurring from constantly taking ladders in and out of their vans and transporting them to and from the job site.

**"There really wasn't a whole lot [...] that addressed the problems we had."**

**- Adam Witter, JCI**

The sprinkler installation and inspection crews were seeing "plenty of muscle strains, cuts and pinched fingers, that's for sure," says Adam Wittwer, Fire Services Manager for Johnson Controls Fire Protection.

But it didn't stop there. Unwieldy ladders created a struck-by hazard for co-workers and bystanders, while dings and scratches to vehicles and facility structures weren't uncommon and came with financial cost.



## // THE PROBLEM: LACK OF SAFE LADDER TRANSPORT SOLUTIONS

So much of ladder safety—basically all—is focused on safe climbing. Three points of contact. 4:1 rule. Staying inside the rails. And considering falls from ladders are one of the leading causes of occupational injury and fatalities, the focus makes sense.

But what about the injuries that result from transporting them? Or damage to the ladders (from dragging them on the ground, for example) eventually leading to dangerous falls from a now faulty piece of equipment?

Guidance on the issue was scarce. Solutions even more so.

"There really wasn't a whole lot—if anything—out there that addressed the problems we had," said Wittwer.

Wittwer went to their PPE distributor, Fastenal, for help. And they had just the right partner in mind.



MARCH  
2023

# Safety While Climbing (up and down)

## Factors that contribute to falls from ladders include:

- Haste or sudden movement
- Overreaching
- Lack of attention
- Improper climbing posture, such as standing too high or straddling the ladder
- Carrying objects and not maintaining three points of contact



## Practice safe climbing by:

- Being attentive to what you are doing and your surroundings.
- Using towlines, a tool belt or an assistant to convey materials so that your hands are free when climbing.
- Climbing slowly and deliberately while avoiding sudden movements.
- Never attempting to move a ladder while standing on it.
- Keeping the center of your stomach between the ladder side rails when climbing (and while working). Do not overreach or lean while working so that you don't fall off the ladder sideways or pull the ladder over sideways while standing on it.

## The Three Points of Contact Rule

The Three Points of Contact Rule minimizes the chance of slipping and falling from the ladder. The climber should face the ladder and have two hands and one foot, or two feet and one hand in contact with the ladder at all times.



Find everything you need at [laddersafetymonth.com](https://laddersafetymonth.com)

