

## **Facilities Services New Building Specs**

**Last Update: 4/30/25**

### **Electrical:**

#### **General Electrical Installation**

- All branch circuit homeruns shall be installed with hard pipe conduit suited for location according to NEC electrical codes (ex. EMT, IMC, Rigid.) No MC cable for branch circuit homeruns.
- All electrical in new walls shall be hard piped conduit from device box to above the ceiling junction box. Connections between the above ceiling junction boxes shall be in hard pipe conduit Hard pipe conduit suited for locations per NEC electrical codes. (ex. EMT, IMC, Rigid.)
- Flexible conduit shall not be allowed between device boxes within new walls for electrical unless approved by Washburn University Facilities Services.
- Flexible conduit shall be allowed to be fished into existing walls for remodels or the addition of electrical to existing walls. (Conduit Ex. MC cable, flex, liquid tight.)
- Flexible conduit shall be allowed to be installed for fixture whips in compliance with NEC electrical codes. (Conduit Ex. MC cable, flex, liquid tight.)
- Flexible conduit shall be allowed in areas for connections to equipment & furniture that needs flexibility for movement or vibrations. (Ex. Office furniture, motor connections, movable walls.) (Conduit Ex. MC cable, flex, liquid tight.)
- All electrical switching shall be installed with hard piped to device boxes in walls. (switches & controls). No flexible conduit shall be allowed unless fit exception for flexible conduit.
- All lighting homeruns & switching shall be installed with hard pipe suitable for location per NEC. (ex. EMT, IMC, Rigid.)
- All individual Electrical circuits shall have their own individual neutral per circuit. (1 circuit, 1 neutral)
- Install surge protectors on individual control cabinets. Ex. Trane control cabinets, Lighting controls, etc.
- No Double pole breakers for single pole 120v or 277v circuits.
- All low voltage cabling shall be installed in cable tray, hard pipe, & or data rings. No cable shall be allowed to be laid on ceiling systems or lights fixtures. Secured & fastened in a neat & workman like manner.
- No can lighting shall be smaller than 6" can lights.
- Campus standard for interior lighting color 4000K unless discussed & approved by Facilities Services for banquet or specified areas.
- No battery backup emergency lights shall be installed in individual normal light fixtures. All emergency lighting shall be wall mounted "bug Eye" type. Other than lighting powered by generator or inverter systems. Inverter & generator systems shall operate normal light fixtures.
- All track lighting shall be normal sockets for fixtures with LED lamps. No LED track light fixtures.
- All in ground exterior junction boxes shall have 12-16" of rock for drainage under box
- All exterior in ground junction boxes with conduits that leave j-box & penetrate building envelope shall have conduits sealed at J-box & building around wires to prevent water from entering building. Spare conduits shall have caps or plugs installed.
- All spare conduit in ground shall have a pull string installed in conduit for future use.
- **Exterior Lighting:**
  - BAS shall not control exterior lighting controls. Simple Astro timer/dusk to dawn time clock with lighting contactors if needed.
  - Campus standard for exterior lighting color 5000K
  - All exterior light poles shall be black, tapered, tenon top poles. Match existing poles & lights to surrounding area.

- No exterior ground lights shall be installed on campus. Flagpole & sign lighting shall be installed with an above ground light fixture. (ex. Concrete base with flood light on top or light from nearby building to illuminate area or signs. Light can be built into the sign itself.)
- All exterior light poles & shall have a minimum of 1" PVC installed to each light pole base with one spare stubbed out of concrete base for future. All light pole bases should be considered for possible data during design phases.
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- **Labeling:**
  - All junction boxes shall be labeled on exterior covers with voltages, circuit numbers, & panel numbers. (Magic Marker or label maker is adequate) (i.e., 120v, P#2, #16).
  - Label all receptacle circuits on receptacle faceplates. Panel#/Name & Circuit#. (Clear label w/ blk text) (i.e., P#2, #16).
  - Electrical Panels & disconnects shall be per NEC code.
    - Electrical Panels- Panel #, Voltage, Wire color per phase, where panel is fed from. (i.e., Panel P2, 120/208v, A Phase-Blk, B Phase-Red, C Phase-Blue, Fed from Panel Name)
    - Disconnects- Panel # fed from, Circuit Number, Voltage.
- **Medium Voltage:**
  - Installation Underground: Shall be PVC encased in concrete & red caution tape 16" above concrete during backfill full length of installation.
- **Fire Alarm System:**
  - Johnson Controls Fire Alarm System (No equivalents, Manufacturer & type specific.)
  - Fire Alarm: Single mode fiber. Verify with WU IT & Johnson Controls.
  - Fire Alarm system consistent with existing on campus
  - Fire Alarm programming for spaces & device naming shall match campus building & space codes. Example Building code-room #. (UN-102, MO-100)

### Electrical Fixtures

- **Light Fixtures:** Interior 4000K in all spaces unless designated a specific area by WU owners. 3500K in specific areas. Exterior 5000K.
  - **Interior:**
    - **Preferred Manufactures:** Common manufactures that can be easily purchased by local vendors. HE Williams, RAB, Lithonia, Sylvania, Cree
    - **2x2 LED HE Williams, Backlit Flat Panel, WIL BP-22-LS/8CS-DIM-UNV 4000K/selectable output (Lumens/Output can change per ceiling height as needed.)**
    - **2x4 LED HE Williams, Backlit Flat Panel, WIL BP-24-LS/8CS-DIM-UNV 4000K/selectable output (Common Spaces, i.e., Restrooms, mechanical rooms, etc.) (Lumens/Output can change per ceiling height as needed.)**
    - **2x2 LED-HE Williams 2x2 PT-22-L43/840-RA-DIM-UNV (Nicer spaces, i.e., Offices, nicer spaces.) (No equivalents, Manufacturer & type specific.) (Lumens/Output can change per ceiling height as needed.) (Lumens can change per ceiling height as needed.)**
    - **2x4 LED-HE Williams 2x4 PT-24-L49/840-RA-DIM-UNV (Nicer spaces, i.e., Offices, Hallways, conference rms) (No equivalents, Manufacturer & type specific.) (Lumens/Output can change per ceiling height as needed.)**
  - Owner Discretion on which fixture is selected for each job.
  - **Can Lights:** Interior 4000K in all spaces unless designated a specific area by WU owners. 3500K in specific areas.
  - **LED Retro Fits**

- LED 8" Can light Retrofit Sylvania: LEDRT8S3300UNVD9SC85A 3300 Lumens 120-277V 4000K 33w-0-10v Dimmable (No equivalents, Manufacturer & type specific.) (Lumens can change per ceiling height as needed.)
  - LED 6" Can light Retrofit Sylvania: #62807 - RT6S900UNVD9SC85A 900 lumens 120-277V 4000K 12w 0-10v Dimmable (No equivalents, Manufacturer & type specific.) (Lumens can change per ceiling height as needed.)
  - No can light fixtures shall be smaller than 6"
  - LED 4" Can Light Retrofit Sylvania: #65735-LEDRT41AS700ST9SC3SM 700 Lumens 120-277v 4000K 0-10v Dimmable. (No equivalents, Manufacturer & type specific.) (Lumens can change per ceiling height as needed.)
- **Lamps:** : Interior 4000K in all spaces unless designated a specific area by WU owners. 3500K in specific areas.
  - 4' LED T8 Ballasted Replacement Lamp 4000K: 41828 - LED15T8L48FGDIM841SUBG9
  - 4' LED T5 Ballasted Replacement Lamp 4000K: 41594 - LED24T5HOL48FG841SUBG9
- **Electrical Panels, Switch Gear, Disconnects VFD's & Equipment:**
  - Square D or Eaton (No equivalents, Manufacturer & type specific. Unless approved by WU for specific circumstances.)
  - All Electrical Panels shall be type: door in door with hinged trim.
  - All electrical panels shall be bolt -in type breakers.
- **Parking Lots, Roadways, & Sidewalk Lighting: All Exterior Lighting 5000K**
  - Cooper Lighting Navion NVN-AF-03-E-U-SL2-10K-4-AP Black (Roadway & Parking Lots) (No equivalents, Manufacturer & type specific.) (20' or taller light poles/ Lumens can be adjust as needed for areas)
    - RAB ALED5T78 Post Top Light 5000K (No equivalents, Manufacturer & type specific.) (15' & shorter, lumens can be adjusted as needed.)
  - All exterior light poles shall be black, tapered, tenon top poles. Match existing poles & lights to surrounding area
  - KW RSTP30-7.5-11-BLK-DM10-BC Height can be determined on locations as needed. (Parking Lots & Roadways)
  - Sidewalk light poles minimum 12' round tapered Black poles
  - KW FD2180-72-2-BRZ-2 Light pole DBL arm. (Tenon)
  - KW FD2180-72-1-BRZ-2 Light pole single arm. (Tenon)
  - All light poles per requirement for light pole. Minimum top of concrete above finished grade 16". Minimum 24" diameter for concrete bases.
  - Bollard Lights???

#### IT & AV:

- Verify with Washburn IT department

#### Clocks:

- Primex Synchronized Clocks-Need Spec

#### Plumbing:

**TOILET ACCESSORIES: WU standard:**

- **Toilet Paper Holder:** Georgia Pacific - Compact 56784A, Black (No equivalents, Manufacturer & type specific.)
- **Hand Towels:** Georgia Pacific - enMotion 59488A, Black (No equivalents, Manufacturer & type specific.)
- **Hand soap Dispenser:** Georgia Pacific - Pacific Blue 53057, Black (No equivalents, Manufacturer & type specific.)
- **Sanitary napkin disposal:** Bobrick, B-270, Stainless/satin finish (No equivalents, Manufacturer & type specific.)
- **Toilet Partitions**
  - ASI Accurate Color-Thru Phenolic Toilet Partitions Navy Blue 7450C (No equivalents, Manufacturer & type specific.)
  - **Toilet Compartments:** Factory fabricated doors, pilasters, and divider panels made of solid phenolic core panels with integral melamine finish, Overhead, braced

#### **TOILET FIXTURES:**

- **Drinking fountain:** Elkay "EZH2O" EZSTL8WSLK – Barrier free, Bi-level light gray electric water cooler with electronic bottle filling station on lower level and 8 GPH of non-filtered refrigerated water provide with 115V/1PH/60HZ cord and plug and Safety bubbler. (No equivalents, Manufacturer & type specific.)
- **Water Closet:** Toto Model CT708U – Wall Mounted, 1.6 GPF, ADA, Vitreous China, Elongated, Siphon Jet, Cotton color water closet. (No equivalents, Manufacturer & type specific.)
- **Lavatory:** Toto Model LT307- Wall Hung ADA, vitreous China, Cotton color lavatory with back splash (No equivalents, Manufacturer & type specific.)
- **Faucet:** Toto Model T28S51EM#\$\$ Series Standard R touchless -Self Powered Hydroelectric faucet, 0.08 GPM, Polished Chrome (No equivalents, Manufacturer & type specific.) This consists of TLE28002U1#\$\$ (Standard-R Spout), TLE03502U1 (Controller), and TLM10 (mixing valve)
- **Urinal:** Zurn 2575-U - wall mounted, .125-1.0 GPF, ADA, vitreous china, cotton color urinal (No equivalents, Manufacturer & type specific.)
- **Floor Mount Toilet:**
- **Commercial ADA:** Zurn Z5665-BWL1 HET Elongated, ADA Height, Floor Mounted Ecovatage Flush valve toilet. (No equivalents, Manufacturer & type specific.)
- **Commercial Toilet Flush Valve:**
- TOT TET1GB Ecopower Toilet Flush Valve. 1.6 GPF (No equivalents, Manufacturer & type specific.)
- Sloan SOLIS 8118-3.5-OR Toilet Flush Valve, 3.5 Sensor Flushometer (No equivalents, Manufacturer & type specific.)
- **Residential:** GERB 28382 WHT Ultra Flush 1.6 GPF 12RI Toilet Tank (No equivalents, Manufacturer & type specific.)
- **Residential ADA:** GERB UF21377 WHT Ultra Flush ADA ELON 1.6 Toilet Tank (No equivalents, Manufacturer & type specific.)
- **Residential Non-ADA:** GERB UF21372 WHT Ultra Flush ELONG Toilet Bowl (No equivalents, Manufacturer & type specific.)
- **Toilet Seat:** Beamis Commercial Heavy-Duty Seat-Plastic toilet seat 1955CT Slow Close (No equivalents, Manufacturer & type specific.)
- **Angle Stop Shut Off's:** All angle stop shut off valves shall be ¼ turn valves

#### **General Plumbing Labeling:**

- Label all major water shutoffs located above the ceiling. Label located on ceiling grid under valve location. (Clear label w/ blk text)
- Label any & all shut off valves in mechanical rooms. (Label Maker)
- Label all water piping with direction of flow & system ID in mechanical rooms. Above ceilings?
- Label all equipment with equipment #, voltage, panel & circuit number that feeds power to equipment.

#### **Boilers: Water**

- Lochinvar (No equivalents, Manufacturer & type specific.)
- Aerco (No equivalents, Manufacturer & type specific.)
- Domestic water shall have recirculating systems
  - **Water Softener:** Lindyspring (No equivalents, Manufacturer & type specific.)
- All new buildings require HOT & COLD-water softeners for whole buildings.

#### **Mechanical:**

- **Trane BAS Controls Required (No equivalents, Manufacturer & type specific.)**
  - WU Standards & Set up:
  - According to the ASHRE standards of comfort, space temperatures will be targeted for 68/70° during the heating season and 72/74° during the cooling season *during occupied hours*. With 68/74 being common spaces and 70/72 being offices.  
The target temperatures are within the range that is acceptable to 80% of the building occupants per ANSI/ASHRAE Standard 55-2004, *Thermal Environmental Conditions for Human Occupancy*.
  - Office area set points may have the ability to be adjusted +/-3°F at the room sensor. 66-70 heat, 72-76 cool. (Local control of thermostats will be limited to set points as defined in the Standards of Comfort).
  - Common spaces are set up to 71 +/- 3F. (Common spaces do not have local control).
  - Pre-scheduled occupied hours are 7:00 a.m. to 5:00 p.m. for office spaces and academic spaces vary by building. Default = 8:00 a.m. – 8 p.m.
  - Residential rooms have local control within cooling range 70-76 and heating range 66-70.
  - Unoccupied setpoints are 60 and 80.
  - The system will be programmed to allow for scheduling of occupied and unoccupied set points with optimum start/stop capability.
  - A new power monitor will be installed, and points will be mapped to the Trane Control system via owner provided Ethernet drop.
  - Provide graphics that include Floors in the building summary, tabs for CHW System, SW System, Equipment Menu, and any other standard Summary Information (OA temperature, OA Humidity).
  - Graphics include room level supply and return ductwork, room numbers, tstat location, space setpoint active, space temperature and equipment name.
  - Building graphics in the SC controller match the graphics in the Tracer ES Dashboard.
  - Alarms are set up so that Critical alarms notify on alarm and reset too normal. (Service and Informational alarms do not show reset too normal)
  - Building points include OA temperature and humidity mapped from the campus station with a backup temperature and humidity at the building level.
  - Provide a commissioning plan, develop, and assist with the execution of pre-

functional, functional test scripts and procedures associated with the following:

- General building service AHUs, laboratory service AHUs, general building exhaust systems, laboratory supply air valves, laboratory exhaust valves, boilers, chillers. (others??)
- All zone space temperature and temperature controls.
- Verify operational control sequences both for general building spaces and laboratory spaces.
- With owner consultation, set up location “areas” for the building according to space usage and efficiencies.
- Point to point checkout will be conducted to commission the system and ensure a fully functional system that is operating at peak efficiency.
- Provide a preliminary commissioning report, which includes corrective actions list.
- Provide a final commissioning report, which includes corrective actions list, and opposite season commissioning report.
- (General Contractor) Provide final test and balance of systems after modifications.
- Provide a spreadsheet for inclusion in the Master Opportunities list (annual contract) which includes: Building name, Room name, Room #, VAV#, Space Type, Location Area, or VAS assignment, Occ sensor, Occupied/Unoccupied HVAC Schedule, Temperature Setpoints for Heating and Cooling Occ. / Unocc. (see also [Washburn Master Issues List - Google Sheets](#))
- Washburn Staff are provided with a login to the building/equipment as soon as possible and users are set up for new equipment in Trane Connect customer portal.
- Any unusual setup situations are explained to the user.
- **Equipment**
  - Trane AHU’s (Only if approved by Facilities Services)
  - Trane Chillers (Only if approved by Facilities Services)
  - Surge protection on all control cabinets
  - No VRF Systems (Only if approved by Facilities Services)
- Required documentation provided from mechanical contractors.

Project Required Equipment Information		
Installation required data from contractor at time of equipment commissioning		
1	Tag #	Install Washburn Provided Tag # next to nameplate
2	Description	Equipment Name & Description
3	Nameplate Information	All Nameplate Information: Serial #, Manufacturer, Model #, Voltage, Amperage, BTU, HP, etc.
4	Location ID	Location of Equipment: Bldg. Code, Rm #, East, West, North, South. Special instructions if needed for location.
5	Part Reference	Filter Quantity, Sizes, belts numbers (if applicable)

6	Comments	Any special Instructions as needed for location or Maintenance. (If Applicable)
7	Pictures	Picture of Nameplate with WU Tag Number. (Same Picture, Tag # goes next to Nameplate)
8	Commissioning Dates	Installation Dates
9	Contractor's Name & #	Company Name & Phone # of Contractor that installed equipment.
10	Warranty Dates	Dates that equipment warranty start & terminate. Typically, 1yr

#### **Concrete:**

- All saw cut control joints on exterior concrete shall be filled with concrete caulking. Troweled joints are not required to be caulked.
- Sidewalks shall be no less than 6" thick
- All parking lots shall be no less than 8" thick
- All cutting & replacement of concrete shall have spoils removed and replaced with a minimum of 6 inches of ¾" clean rock for fill below concrete.
- All replaced concrete shall be pinned to existing concrete on 2' alternating centers unless specific situation deems it not required per owner's approvals.

#### **Paint:**

- Parking lot painted Handicap stencils shall match Washburn's existing Stencils for campus
  - All interior & exterior handrails shall be painted with DTR Primer & PITTHANE paint or Benjamin Moore-High Performance-Super Spec HP-Maintenance Coating-Urethane ALKYD Gloss Enamel **(No equivalents, Manufacturer & type specific.)**
  - All paint to be Benjamin Moore **(No equivalents, Manufacturer & type specific.)**
  - Door Frames to be oil-based epoxy.
  - Color Options:
    - Blue Benjamin Moore Admiralty PPG1042-7
    - Light Blue 1 Benjamin Moore Paint match SW6801 Regale Blue
    - Light Blue 2 Benjamin Moore PPG785 Morning Glory (Athletics Only)
    - Light Blue 2 Benjamin Moore Paint Match Washburn Light Blue2 (Office Spaces)
- Mix is on file at Allied Paint 25-086 (WU Light Blue2) also listed below
- T538-1x (gallon)  
 S1 0x 6.0000  
 W1 3x 0.0000  
 M1 0x 2.0000

#### **B1 0x 10.7500Logos:**

- All Approved by Public Relations
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#### **Corner & Wall Guards:**

- Wallguard Corner Guards- 2" Wings high impact vinyl corner guard 2305.1 with Vinyl retainer. 4' or 8' as needed. Colors to match existing wall colors. (Wallguard.com)
- Wallguard Rub Rail- 8" rub rail, color to match existing wall colors or determined by owner. (Wallguard.com)

#### **Flooring & Wall Tile:**

- Carpet
  - Mohawk, Learn & Live, Side Stripe/ GT419/QL419, 965 Westpoint, 24"x24" Carpet Tile
  - Mohawk, Learn & Live, Swipe Right GT418, 565 Blue Ridge, 24"x24" Carpet Tile
  - Shaw Contract, Bright Work, Shine tile 59328, Moonlit 27505, 24"x24" Carpet Tile
- Floor & Wall Tile
  - American Olean 3"x6" Sapphire Sky-Accent Tile. Mapei Grout 5093 Warm Gray (Used in Restrooms)
  - Crossville Clean Slate, 12"x12" Floor tile, ½" Schluter cover trim, Mapei Grout 5107 Iron (Used in Restrooms)
  - American Olean-Wall Tile, 4"x12" Balance (Gloss or Matte), ½"x12" Jolly Strip, Mapei Grout 5093 Warm Gray (Used in Restrooms)
  - Mohawk Terrazzo CO 180 725 Randazzo 12"x24" LVT Floor Tile
- Wall Base
  - Roppe Rubber Base 4" or 6" Black
- Wall tile
  - in toilets to be full height or Approx. 5'-4" AFF.

#### **Handrails:**

- All exterior handrails secured to concrete or in concrete shall have bases Painted with DTR Primer & Pitthane paint before installation. This is to prevent premature rusting of the handrail bases. Aluminum, stainless or galvanized is preferred material. **(Paint, No equivalents, Manufacturer & type specific.)**

#### **Exterior General:**

- Concrete bollards installed around gas meters, generators, transformers, or any impact sensitive equipment on outside of building.
- Provide & installation of parking lot numbered signs on light poles consistent with existing campus.

#### **Ceilings:**

- **Labeling:**
  - Label all access panels in ceiling for equipment above. (Clear label w/ blk text)
- **Ceiling Tile**
  - 2'X2' Lay-in Tile: USG 2120 White Radar Basic White Tegular/ Cheapest Option **(No equivalents, Manufacturer & type specific.)**



- 2'X2 Lay-in Tile: USG 4221 White Olympia Micro (No equivalents, Manufacturer & type specific.)
- 2'x2' Lay-in Tile: AT Fine Fissured School Zone Air Assure ¾" White Tegular (No equivalents, Manufacturer & type specific.)
- **Ceiling Grid System**
  - USG DONN DX 24 for the main beam, Flat White (No equivalents, Manufacturer & type specific.)
  - DX 422 and DX 216 for the cross tees, Flat White (No equivalents, Manufacturer & type specific.)
  - M7 wall mold. Flat White (No equivalents, Manufacturer & type specific.)

#### **Windowsills:**

- Corian Rain Cloud ¾" Solid Surface Windowsill

#### **Pipe Color Coding:**

- Electrical-Metallic
- Fire Alarm-**Red**: Labels red w/ white lettering
- Natural Gas- **Yellow**: Labels yellow w/ black lettering
- Sewage/Wastewater- **Green**: Labels green w/ White lettering
- Water- **Blue**: Labels Blue w/ white lettering
- Fire Sprinkler-Black Pipe: Labels **Red** w/white lettering
- Compressed Air- Black Pipe: Labels **Blue** w/ white lettering
- Telecom-**Orange**: Labels orange w/ black lettering
- Grey Water/Condensate/Sump Pump- **Grey**: Labels grey w/ white lettering

#### **Keys & Door Hardware:**

- Organize with Facilities Services

#### **Room Numbering Organization:**

- Organize with Facilities Services

#### **Furniture:**

General Vendor: John A Marshall – State Contract Furniture, Herman Miller, Sit On It

General Vendor Contact: Lana Miller, [ana.miller@jamarshall.com](mailto:ana.miller@jamarshall.com); 785.383.3521

- Office Task Chairs
  - Knoll, Regeneration – Dole Hall Offices
    - Mesh: <https://www.knoll.com/product/regeneration-by-knoll?section=design>
    - Upholstered: <https://www.knoll.com/product/regeneration-by-knoll-fully-upholstered?section=design>
      - Fabric: Generation, Bluemarine
  - Sit On It, Focus – Mabee Offices, Second Floor
    - [https://www.sitonit.net/productcatalog/focus\\_taskchair.html](https://www.sitonit.net/productcatalog/focus_taskchair.html)
  - Herman Miller, Mirra2 - Morgan Renovated Offices - Admissions
    - <https://www.hermanmiller.com/products/seating/office-chairs/mirra-2-chairs/>
- Office Desk

- Herman Miller, Motia, Sit to Stand tables, Up/Down button
- Office Guest Chairs
  - Sit On It, Aviera Guest Chair, Beech, 21W Espresso Protective Wood Guard, No Arm Cap, Single Upholstered Fabric/Vinyl Grade 2, Coronado Navy
  - HON, Accommodate Guest Chair, With arms, Upholstered seat and back
  - KI, Doni Guest Chair, Upholstered Seat and Back
- Classroom Desks
  - KI, Rukus Single Post Cantilever Desk, Laminate Top Adjustable Pneumatic Height, Wheelbarrow Base
    - Surface Finish: Markerboard White 459-90
    - Edge Color: Blue Grey edge
    - Frame Color: Starlight Sliver Metallic
    - KI Contact: Elise Gorecki
- Classroom Chairs
  - Active Learning Chair
    - Computer Comfort, OM5 Active Guest Chair with polyflex shell (BL02 Navy Blue), unupholstered back and seat, Palladium Grey 4 leg frame finish, Wheelbarrow style caster ( 2 casters on front and glides on back).
      - Item #: OM5AGNXXXXPFPFGRC
      - TIPS Contract #230301
      - CCI Contact: Samantha Halili, 281-535-2288, samantha@computercomforts.com
  - Computer Chair
    - KI, Diem, Weight Activated Task Chair, 1D Arms, Aluminum Base, P0 Fabric, Model: KIDE82B
- Laboratory Furniture
  - Wynn Jones, State Contract
    - Contact: Trent Pearson, 816-729-8360, tpearson@wynnjones.com

#### **Irrigation Lawn Sprinklers:**

- Hunter Controllers & Sprinkler heads for irrigation