

UNT Design and Construction Standards

January 2023 Release Change Log



UDCS Section	UDCS Sub-section	Type of Change	New Content
Interior Design	Interior Wall Construction	Addition	When adding a wall and attaching to the drop down ceiling grid install a j-bead to top of drywall to provide a clean and finished look.
08 Openings	08 81 00 Bird Safety Glass	Addition	<p>Add: 08 81 00 Bird Safety Glass</p> <p>In order to prevent bird collisions on exterior glazing effectively, provide glass that birds can detect as an obstacle. Acceptable solutions include laminated glass containing a film with a pattern or a coating or other glass tested system that is approved by owner.</p> <ol style="list-style-type: none"> 1. Bird Safe Glass will be considered on a case-by-case basis for window renovations on existing buildings with large expanses of exterior window glass 2. Bird Safety Glass required on new buildings. 3. Glass system to be tested by the American Bird Conservatory 4. Patterned insert should disappear from human sight at 6 feet.
11 Equipment	Equipment hangers and anchors	Addition	Add: "Exterior piping, and cables, associated with roof top equipment installation, must be properly supported on rubber support blocks and
22 Plumbing	Piping General	Addition	Use of Uponor PEX A piping is approved for domestic cold and hot water piping up to 3" in size.
23 HVAC	Air Handling - General	Addition	Addition: Rooftop unit installs shall include frost proof hose bib on rooftop, within 50' of new install.
26 Electrical	Conduit Section #1	Revise	Where link seals are required, conduit shall be METAL rigid or IMC. Once installed rigid to be wrapped on exterior side of building.
26 Electrical	Conduit Section #4	Revise	Conduit to transition from PVC to METAL rigid where it turns up into concrete or where exposed to damaged. Rigid SCHEDULE 80 to be wrapped
26 Electrical	Lighting Fixture Locations - Emergency Lighting	Addition	Add: Emergency lighting: Emergency lighting relays installed in one location designated by UNT.



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26 Electrical	26 41 13 Lightning Protection	Addition	Add "Any equipment added to a structure higher than existing lighting protection and/or added to a building without existing lighting protection shall be installed with lightning protection that is properly grounded. Exceptions will be accepted for projects where a lightning protection professional has been consulted and determined that it is not needed."
26 Electrical	Wireless Atomic Wall Clocks	Revise	Removed Timer from this section. Added "Wall clock face design should conform to UNT branding standards."
26 Electrical	Electrical Service Time Switch for exterior lights	Addition	<p>Add section:Electrical Service Time Switch for exterior lighting</p> <p>Provide electrical exterior lighting control service timer at power source that will automatically adjust for changing sunrise and sunset times. Unit should include an ethernet port to allow remote programming via PC, and a built-in supercapacitor to maintain programming during power outages.</p> <p>Campus standard electrical service timer:</p> <ul style="list-style-type: none"> •Intermatic ET8015C <ul style="list-style-type: none"> oNEMA Rating 1 metal housing oSnap in mounting oBattery Backup oOperating Temperature range -40°to 155°F o30 Amps oSelector switch to determine input voltage between 120-277 VAC, 50/60 Hz oOr approved equal