

Division 2 - Sitework

02000 - Sitework

Surveys

1. Has the Architect/Engineer consulted with the FAU Facilities Planning Project Manager to determine if a survey of the project site is available and if it is not available has the A/E furnished the sc8(FAU96038oTjET110.76 630.48(lable)-36 -2582.7211.03200W nBT/F15 1 Tf9.9609 0 0 9.96

Grubbing

3. Do the specifications require removal of trees and shrubs and the removal of stumps and roots to the extent that no root greater than three inches in diameter remains within five feet of an underground structure or utility line or under footings or paved areas? Grubbing in open areas shall include removal of stumps and three-inch roots to two feet below finish grade elevations.
(Specific drawing sheet #/specification page # _____)

Tree Relocation

4. Are instructions included in the Construction Documents for relocation of existing trees or other major landscaping and ground coverings?
(Specific drawing sheet #/specification page # _____)

Tree Location

5. Has a survey of existing trees been done to save trees greater than 3 inches in diameter and 10 feet or more from the new construction? Have these trees been identified in the landscape plans and have provisions been made to keep damage and stress from occurring to the trees due to construction activity?
(Specific drawing sheet #/specification page # _____.)

02120 - Structure Removal

1. Where new structures will replace existing structures, has the extent of foundation removal been shown on the drawings?
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Yes No N/A

02218 - Landscape Grading

1. Has the A/E coordinated the specification for fill materials to conform with the Geotechnical Testing and Report?
(Specific drawing sheet #/specification page # _____)

Topsoil

- 2.

02223 - Backfilling

Backfilling is required at building perimeter and site structures up to subgrade elevation. Has the A/E specified that fill under interior and exterior slabs-on-grade or pavement, and fill under landscaped areas shall meet applicable ANSI/ASTM standards?
(Specific drawing sheet#/specification page # _____)

02225 - Trenching

When excavating and backfilling for the mechanical and electrical trades is covered in this portion of the specifications, has the A/E specified that the compaction of back-fill meets applicable ANSI/ASTM standards and the requirements of Section 553.60, F.S., the Trench Safety Act?
(Specific drawing sheet #/specification page # _____)

02251 - Termite Control

1. Has the A/E specified the following? Termite treatment is required for every building. The Subcontractor for soil poisoning must furnish a service agreement stating the work performed will be guaranteed for a period of 5 years from the date of Substantial Completion. In addition, the guarantee must state that the structure will be inspected yearly for infestation and treatment provided as necessary during the 5-year guarantee period. The Subcontractor shall offer an optional renewal of the service on the same terms. The type of chemical treatment must be specified, including the amount of application per unit area. The service agreement shall state that in the event of damage during the guarantee period, the Contractor shall make repairs to structurally damaged surfaces to a dollar value based on the size of the building. An independent testing laboratory shall certify that the treatment meets the requirements of the Specifications.
(Specific drawing sheet #/specification page # _____)
2. Termite treatment is typically provided prior to substantial completion. Has the A/E specified that the University is not to be billed more than 90% prior to acceptance of the building and receipt of the guarantee?
(Specific drawing sheet #/specification page # _____)
3. Has the A/E specified that chemicals and application shall conform to EPA's Federal Insecticide, Fungicide and Rodenticide Acts?
(Specific drawing sheet #/specification page # _____)

02490 - Trees, Plants, and Ground Cover

Has the A/E specified that trees, plants, and ground cover work includes planting, backfilling, guying, watering, pruning, as well as replacements of unacceptable materials and guarantees?
(Specific drawing sheet #/specification page # _____)

02500 - Paving and Surfacing

02513 - Asphaltic Concrete Paving

Do the specifications comply with requirements of the Florida Department of Transportation and as determined by the civil engineer? Minimum installation shall consist of 1" plant-mixed type S-1 asphaltic concrete surface course over 6" compact base over 10" stabilized base, unless the civil engineer determines otherwise.
(Specific drawing sheet #/specification page # _____)

02514 - Concrete Paving

1. Is it specified that concrete shall be Class A with a minimum compressive strength of 3000 psi in 28 days and all products, materials, and execution shall comply with applicable ANSI and ASTM Standards?
(Specific drawing sheet #/specification page # _____)

Expansion Joints

2. Are expansion joints specified using pre-molded type ½" thick, full depth of concrete, spaced maximum 30'-0" o.c. and at all junctions with vertical surfaces?
(Specific drawing sheet #/specification page # _____)
3. Are the expansion joints specified and shown on the drawings?
(Specific drawing sheet #/specification page # _____)

Control Joints

4. Are control joints specified to be saw-cut to squared relief, e.g., 6'0" wide sidewalk, 6'0" space between? Do they line up so that new stress points do not occur and cause more cracking of the concrete surface?
(Specific drawing sheet #/specification page # _____)

Finish

5. Are the finishes floated, troweled, and medium broom finished?
(Specific drawing sheet #/specification page # _____)

Utility Cuts

6. Are utilities cuts required to cross existing paved areas? Discuss with the FAU Project Manager whether to saw-cut through or directional bore at existing road/sidewalk surfaces. If concrete walks must be cut, has it been specified to replace from joint to joint, doweled to the remaining slab?
(Specific drawing sheet #/specification page # _____)

Walks

7. Are concrete sidewalks specified to be a minimum of 6 inches thick with 6 x 6 #10/10 wire mesh reinforcement, and edge thickness increased a minimum of 2

02730 - Sanitary Sewer System

Is sanitary sewer piping PVC with joints as recommended by the pipe manufacturer? Other piping allowed by the Florida Building Code for Plumbing may be permitted if pre-approved by the A/E and FAU's Engineering & Utilities Dept. Are sanitary manholes precast concrete or cast-in-place concrete? Are covers and frames cast iron or galvanized steel? Are cleanouts commercially-manufactured wye branches?
(Specific drawing sheet #/specification page # _____)

02780 - Unit Pavers

1. Has the following FAU Paver Policy been followed: If pavers are specified on paths, walkways, and road crossings where deemed appropriate, they shall be used only as accent or trim; a clear surface free of pavers shall exist in the direct path of travel. This clear surface shall be at least 3 feet wide. The pavers shall not cross the clear path of travel. (It has been determined in consultation with FAU's ADA Accessibility Committee that while the installed pavers can meet code requirements for accessibility that meeting the minimum criteria may still allow a condition which is difficult or uncomfortable for some persons to use.)

(Specific drawing sheet #/specification page #_____)

- 3. For irrigation work on other FAU campuses and partner campuses, has the Architect/Engineer verified in writing the sprinkler specification to ensure compatibility?

(Specific drawing sheet #/specification page #_____)

Are all landscaped areas adequately irrigated based on the following criteria:

- 4. Has an automatic landscape irrigation system for all landscaped areas been provided? Have air relief valves at the end of the system been specified?

(Specific drawing sheet #/specification page #_____)

- 5. Is a rain-sensing device to automatically and temporarily override the controller during wet conditions included?

(Specific drawing sheet #/specification page #_____)

- 6. Has the irrigation system been designed and specified to prevent or minimize runoff of irrigation water onto roadways, driveways, walks, etc.?

(Specific drawing sheet #/specification page #_____)

- 7. Has reclaimed water been utilized for landscape irrigation?

(Specific drawing sheet #/specification page #_____)

02825 – Fencing

Has permanent (not construction) chain link fence been specified to be black vinyl coated, including posts, etc? Where visual blocking is required, have black slats been specified? If additional visual blocking is required, has black fabric been specified? (Has)-88(the)-90(irrigation)-92(system)-25()-83(being)-76(designed

Concrete – Wausau Tile, Inc.,

- e. Bench 72" x 20" 18" Weatherstone Finish B4 Buff TF1223.
- f. Picnic Table 66" dia x 30" standard terrazzo finish TF 3125 (4 seats) or TF3128 (3 seats - HC accessible).
- g. Trash receptacle 42-gallon 29" dia x 39" Weatherstone finish B4 Buff.
(Specific drawing sheet #/specification page # _____)

02875 – Bus Stop Shelter

Is a bus stop shelter specified equal to Mardan Fabricators, Inc., Vista Shelter Style A (open front), nominal 6 foot x 12 foot with 3 inch overhang, paint finish to be silver aluminum color, polycarbonate tinted wall glazing, and two acrylic domes? Has shelter been specified to comply with Florida Building Code requirements? Has a 6-foot bench (see 02870 bench spec) been specified to be installed inside?
(Specific drawing sheet #/specification page # _____)

02938 – Sodding

1. Are all areas not otherwise landscaped sodded with sod appropriate to the local area? (Refer to ASPA (American Sod Producers Association) - Guideline Specifications to Sodding.)
(Specific drawing sheet #/specification page # _____)
2. Has Floratam St. Augustine sod been specified for sodded irrigated areas?
(Specific drawing sheet #/specification page # _____)
3. Has Argentine Bahia sod been specified for sodded non-irrigated areas?
(Specific drawing sheet #/specification page # _____)
4. Has sod been specified to be top dressed and rolled?
(Specific drawing sheet #/specification page # _____)
5. Has sod been specified to be installed with the solid earth base level with adjacent sidewalks?
(Specific drawing sheet #/specification page # _____)
6. Has it been specified that grassed areas shall be cut at least weekly by the contractor and a minimum of twice prior to turn over to the University's Physical Plant Department?
(Specific drawing sheet #/specification page # _____)

02950 - Landscaping Plant Materials

Trees, Plants, and Ground Cover

1. Are trees, plants and ground covers in a schedule contained in the drawings? The schedule should include plant name and botanical identification, nominal size of trunk or spread of branches, height or other identifiable criteria. Have these plants been

(Specific drawing sheet #/specification page #_____)

2. Is it specified, where appropriate, to scarify subsoil to a depth of six inches where topsoil is to be placed? Repeat cultivation in areas where equipment, used for hauling and spreading topsoil, has compacted subsoil.
(Specific drawing sheet #/specification page #_____)

Placing Topsoil

3. Is topsoil specified at a minimum of two inches over area to be sodded?
(Specific drawing sheet #/specification page #_____)
4. Has the Architect/Engineer reviewed these requirements with the University Facilities Planning Project Manager and FAU Physical Plant Dept. to ensure appropriate coordination and incorporation in the contract and future grounds maintenance?
(Specific drawing sheet #/specification page #_____)
5. Has the selection of plant material been based on water-conservation principles?
(Specific drawing sheet #/specification page #_____)
6. Has recycled mulch been specified? Has it been specified that cypress mulch is prohibited?
(Specific drawing sheet #/specification page #_____)