



UGA DESIGN & CONSTRUCTION
SUPPLEMENTAL GENERAL REQUIREMENTS & STANDARDS
TABLE OF CONTENTS

Table of Contents

Introduction

- * Changes from August 1, 2016 version to April 30, 2018

Supplemental General Requirements (asterisk "*" indicates revised)

00 00 02 – Terms	
00 00 03 – Modifications to General Requirements for BOR Contracts	
00 00 04 – Environmental	
00 00 05 – Variance Requirement & Form	
00 00 05.01 – State Fire Marshal Variances	
*00 00 06 – Access to Existing Documents	<i>Revised Apr 30, 2018</i>
*00 00 07 – Design Professional Design Process Requirements	<i>Revised Apr 30, 2018</i>
*00 00 08 – Design Professional Documentation Requirements & Deliverables	<i>Revised Apr 30, 2018</i>
00 00 09 – Room & Space Numbering	
*00 00 10 – BIM Requirements	<i>Revised Apr 30, 2018</i>
00 00 10.01 – BIM Execution Plan (BEP)	
00 00 11 – Aesthetic Authority	
00 00 12 – Client & End User Interface	
*00 00 13 – Designing Learning Environments	<i>Revised Apr 30, 2018</i>
00 31 31.14 – Seismic Investigations Information	
UGA Central Campus Probabilistic Seismic Hazard Analysis	
00 00 14 – Contractor Insurance Special Conditions	
00 73 01 – Sole Source / Sole Brand	
00 73 39 – Minority Business Enterprise	
01 14 00 – Work Restrictions	
01 14 13 – Access to Site – Right of Entry	
01 29 00 – Payment Procedures	
01 29 73 – Schedule of Values	
01 31 19.13 – Pre-Construction Meetings	
*01 31 19.23 – Progress Meetings	<i>Revised Apr 30, 2018</i>
01 31 23 – Project Website	
01 32 16 – Construction Progress Schedule	
01 33 00 – Submittal Procedures	
01 35 13.01 – Special Project Procedures – Utility & Systems Outages	
01 35 13.02 – Special Project Procedures – Roofing & Hot Work	
*01 35 23 – Owner Safety Requirements – Safety Barriers	<i>Revised Apr 30, 2018</i>
01 35 46 – Indoor Air Quality Procedures – During Construction	
01 41 00 – Regulatory Requirements	
01 41 26.01 – Right of Way Encroachment / Roadway Ownership	



**Office of University Architects
for Facilities Planning**
UNIVERSITY OF GEORGIA

*01 41 26.02 – Local Utility Information & Locate	<i>Revised Apr 30, 2018</i>
01 41 26.03 – Permit Requirements – Construction Permits	
01 41 26.04 – Fire Marshal Construction Inspection Requirements UGA-354 Plans Transmittal Form	
01 41 26.05 – Rock Removal – Rock Blasting	
*01 41 26.06 – Dining Services	<i>Revised Apr 30, 2018</i>
01 45 33 – Special Inspections	
01 52 19 – Sanitary Facilities – Toilet Facilities	
01 55 00.01 – Roadway, Sidewalks, and Parking Lot Closures	
01 55 19 – Temporary Parking Areas	
01 55 26 – Traffic Control	
01 55 29 – Staging Areas – Storage	
01 56 39 – Temporary Tree & Plant Protection	
*01 58 00 – Campus Signage Standards	<i>New Apr 30, 2018</i>
*01 58 13 – Temporary Project Signage	<i>Revised Apr 30, 2018</i>
01 60 00 – Product Requirements	
01 65 00 – Product Delivery Requirements	
01 74 19 – Construction Waste Management & Disposal	
01 75 00 – Starting & Adjusting	
*01 77 00 – Project Closeout	<i>Revised Apr 30, 2018</i>
01 78 46 – Extra Stock Materials	
*01 81 00 – Facility Performance Requirements	<i>Revised Apr 30, 2018</i>
*01 91 13 – General Commissioning Requirements	<i>Revised Apr 30, 2018</i>
02 01 00 – Maintenance of Existing Conditions	
02 22 00 – Existing Conditions Assessment	
02 40 00 – Demolition	

Standards

University of Georgia Campus Planning Principles

Architectural Campus Planning Principles

Introduction

Existing UGA Building Styles

The Application of American Campus Planning Principles to the University of Georgia

Campus Building Typology

Massing Diagrams

Campus Façade Typology

Conclusion

Site Campus Planning Principles

Introduction

Gateways & Edges

Site Furnishings

Paving

Site Safety & Security

Stormwater Management

Landscape



Division 03 – Concrete

03 00 00 – General Concrete Requirements

Division 04 – Masonry

*04 00 00 – General Masonry Requirements

| *Revised Apr 30, 2018*

Division 05 – Metals

*05 52 00 – Metal Railings

| *Revised Apr 30, 2018*

Division 06 – Wood, Plastics, & Composites

06 00 00 – General Wood, Plastics, & Composites Requirements

06 61 00 – Solid Surface Fabrications

Division 07 – Thermal & Moisture Protection

07 00 00 – General Thermal and Moisture Protection Requirements – Roof Drains & Roofs

07 24 00 – Exterior Insulation and Finish System (EIFS)

07 31 13 – Asphalt Shingles

07 41 10 – Cooper & Zinc Sheet Metal Roofing

07 41 20 – Steel Standing Seam Sheet Metal Roofing

07 52 13.11 – Cold Adhesive Applied Atactic – Polypropylene (APP) Modified Bituminous
Membrane Roofing

07 54 23 – Thermoplastic-Polyolefin (TPO) Roofing

07 62 00 – Sheet Metal Flashing and Gutters and Downspouts

07 71 23.13 – Gutter Debris Guards

07 84 00 – Fire Stopping

Division 08 – Openings

08 10 00 – Doors and Frames

08 51 13 – Aluminum Windows

*08 71 00 – Door Hardware

08 80 00 – Glazing

08 83 00 – Mirrors

| *Revised Apr 30, 2018*

Division 09 – Finishes

09 00 00 – General Finishes Requirements

09 00 00.01 – Custodial Storage

09 20 00 – Plaster & Gypsum Board

09 30 00 – Tiling

09 50 00 – Ceilings

09 60 00 – Flooring

09 68 00 – Carpeting

09 72 00 – Wall Coverings

09 80 00 – Acoustical Treatment

09 91 23 – Interior Painting



Division 10 – Specialties

10 14 00 – Signage

*10 21 13 – Toilet Compartments

| *Revised Apr 30, 2018*

10 26 13 – Corner Guards

*10 28 00 – Toilet, Bath, and Laundry Accessories

| *Revised Apr 30, 2018*

10 44 00 – Fire Protection Specialties

*10 73 43 – Transportation Shelters

| *Revised Apr 30, 2018*

Division 11 – Equipment

11 52 00 – Audio-Visual Equipment

*11 52 13 – Projection Screens

| *Revised Apr 30, 2018*

*11 53 13 – Laboratory Fume Hoods

| *Revised Apr 30, 2018*

11 82 26 – Facility Waste Compactors

Division 12 – Furnishings

*12 00 00 – General Furnishings Requirements

| *Revised Apr 30, 2018*

12 05 13 – Fabrics

12 20 00 – Window Treatments

12 36 00 – Countertops

12 46 33 – Interior Waste Receptacles

12 48 26 – Entrance Carpet Tile

12 56 52 – Audio-Visual Furniture

*12 93 13 – Bicycle Racks

| *Revised Apr 30, 2018*

12 93 23 – Trash, Litter, & Recycling Receptacles

12 93 43.13 – Site Seating

Division 13 – Special Construction

13 12 00 – Fountains

13 21 00 – Pre-Fabricated Environmental Rooms

13 34 19 – Metal Building Systems

Division 14 – Conveying Equipment

14 20 00 – Elevators

Division 15 -20 (Not used)

Division 21 – Fire Suppression

21 00 00 – General Fire Suppression Requirements

Division 22 – Plumbing

*22 00 00 – General Plumbing Requirements

| *Revised Apr 30, 2018*

22 07 00 – Plumbing Insulation

22 10 00 – Plumbing Piping

*22 15 13 – Compressed Air Piping

| *New Apr 30, 2018*

22 40 00 – Plumbing Fixtures

*22 45 00 – Emergency Plumbing Fixtures

| *Revised Apr 30, 2018*



*22 52 00 – Domestic Water Heaters		<i>New Apr 30, 2018</i>
*22 52 00.01 – Domestic Water Heaters – Steam-Fired		<i>New Apr 30, 2018</i>
 Division 23 – Heating, Ventilating, & Air Conditioning		
*23 00 00 – General Mechanical Requirements (HVAC)		<i>Revised Apr 30, 2018</i>
*23 05 14 – Variable Frequency Drive		<i>Revised Apr 30, 2018</i>
*23 05 19 – Meters & Gages		<i>Revised Apr 30, 2018</i>
23 05 23 – General-Duty Valves for HVAC Piping		
23 05 29 – Hangers & Supports for HVAC Piping & Equipment		
*23 05 53 – Identification for HVAC Piping & Equipment		<i>Revised Apr 30, 2018</i>
23 05 93 – Testing, Adjusting, & Balancing (TAB) for HVAC		
23 07 13 – Duct Insulation		
23 07 19 – HVAC Piping Insulation		
*23 09 23 – Building Automation & Temperature Control Systems (BAS)		<i>Revised Apr 30, 2018</i>
*23 20 00 – HVAC Piping Schematics		<i>Revised Apr 30, 2018</i>
*23 21 13 – Hydronic Piping		<i>Revised Apr 30, 2018</i>
23 21 23 – Hydronic Pumps		
*23 22 13 – Steam & Condensate Heating Piping		<i>Revised Apr 30, 2018</i>
23 22 16 – Steam & Condensate Heating Piping Specialties		
23 25 00 – HVAC Water Treatment		
*23 31 13 – Duct Work		<i>Revised Apr 30, 2018</i>
*23 33 13 – Dampers		<i>Revised Apr 30, 2018</i>
*23 36 01 – VAV Terminal Units		<i>Revised Apr 30, 2018</i>
23 41 33 – High Efficiency Particulate Air (HEPA) Filtration		
*23 52 00 – Heating Boilers		<i>Revised Apr 30, 2018</i>
*23 64 16.13 – Air-Cooled Water Chillers		<i>Revised Apr 30, 2018</i>
*23 64 16.16 – Water-Cooled Water Chillers		<i>Revised Apr 30, 2018</i>
*23 65 00 – Cooling Towers		<i>Revised Apr 30, 2018</i>
*23 73 00 – Indoor Central-Station Air-Handling Units		<i>Revised Apr 30, 2018</i>
*23 74 00 – Packaged Outdoor HVAC Equipment		<i>Revised Apr 30, 2018</i>
*23 81 29 – Variable Refrigerant Flow (VRF) HVAC Systems		<i>Revised Apr 30, 2018</i>
 Division 24 and 25 (Not Used)		
 Division 26 – Electrical		
*26 00 00 – General Electrical Requirements		<i>Revised Apr 30, 2018</i>
*26 05 13 – Medium Voltage Cable		<i>New Apr 30, 2018</i>
*26 05 14 – Medium Voltage Cable Installation – Outside Contractor		<i>New Apr 30, 2018</i>
*26 05 19 – Low-Voltage Electrical Power Conductors & Cables		<i>Revised Apr 30, 2018</i>
*26 05 26 – Grounding & Bonding for Electrical Systems		<i>Revised Apr 30, 2018</i>
*26 05 33.13 – Conduit for Electrical Systems		<i>Revised Apr 30, 2018</i>
*26 05 43 – Underground Ducts & Raceways for Electrical Systems		<i>Revised Apr 30, 2018</i>
*26 09 23 – Lighting Control Devices		<i>Revised Apr 30, 2018</i>
*26 09 36 – Modular Dimming Controls		<i>Revised Apr 30, 2018</i>
26 09 43.16 – Addressable Fixture Lighting Control		
*26 22 00 – Low-Voltage Dry Type Transformers		<i>Revised Apr 30, 2018</i>



*26 24 13 – Switchgears and Switchboards		<i>Revised Apr 30, 2018</i>
*26 24 16 – Panelboards		<i>Revised Apr 30, 2018</i>
*26 24 19 – Motor-Control Centers		<i>Revised Apr 30, 2018</i>
*26 32 00 – Packaged Generator Assemblies		<i>Revised Apr 30, 2018</i>
*26 41 00 – Facility Lightning Protection		<i>Revised Apr 30, 2018</i>
*26 51 00 – Interior Lighting		<i>Revised Apr 30, 2018</i>
*26 56 00 – Exterior Lighting		<i>Revised Apr 30, 2018</i>
*26 56 13 – Lighting Poles & Standards		<i>Revised Apr 30, 2018</i>
*26 56 16 – Parking Lighting		<i>Revised Apr 30, 2018</i>
*26 56 19 – Roadway Lighting		<i>Revised Apr 30, 2018</i>
*26 56 29 – Site & Building Entry Lighting		<i>Revised Apr 30, 2018</i>
*26 56 33 – Walkway Lighting		<i>Revised Apr 30, 2018</i>
26 56 36 – Flood Lighting		
Division 27 – Communications		
*27 00 00 – General Communications Requirements		<i>Revised Apr 30, 2018</i>
*27 05 26 – Grounding & Bonding for Communication Systems		<i>Revised Apr 30, 2018</i>
27 05 29 – Hangers & Supports for Communications Systems		
27 05 36 – Cable Trays for Communications Systems		
*27 05 43 – Underground Ducts & Raceways for Communication Systems		<i>Revised Apr 30, 2018</i>
27 05 46 – Utility Poles for Communication Systems		
27 05 53 – Identification for Communication Systems		
27 08 00 – Commissioning of Communications		
27 11 16 – Communications Cabinets, Racks, Frames, & Enclosures		
27 11 19 – Communications Termination Blocks & Patch Panels		
27 11 23 – Communications Cable Management & Ladder Rack		
27 13 13 – Communications Copper Backbone Cabling		
27 13 23 – Communications Optical Fiber Backbone Cabling		
27 13 23.13 – Communications Optical Fiber Splicing & Terminations		
27 13 33 – Communications Coaxial Backbone Cabling		
27 13 43.43 – Cable Services Cabling		
*27 15 00 – Communications Horizontal Cabling		<i>Revised Apr 30, 2018</i>
27 20 00.01 – Data Communications – Wireless		
*27 41 00 – General Audio-Visual System Requirements		<i>Revised Apr 30, 2018</i>
*27 41 00.01 – Audio-Visual Control System		<i>Revised Apr 30, 2018</i>
Division 28 – Electronic Safety & Security		
28 13 00 – Access Control		
28 13 00.01 – Security and Access Control – Legacy System		
28 31 00 – Fire Detection & Alarm		
Divisions 29 and 30 (Not Used)		
Division 31 - Earthwork		
31 23 16.26 – Rock Removal – Rock Blasting		



Division 32 – Exterior Improvements

- 32 01 90.23 – Pruning
- 32 14 16.13 – Brick Unit Paving – Ungrouted
- 32 16 23 – Sidewalks
- *32 17 23 – Pavement Markings
- 32 31 13 – Chain-Link Fences & Gates
- 32 32 29 – Timber Retaining Walls
- 32 32 53 – Stone Retaining Walls
- 32 39 13 – Manufactured Metal Bollards
- 32 84 00 – Planting Irrigation
- 32 90 00 – Planting
- 32 91 00 – Planting Preparation
- 32 91 13.16 – Mulching
- 32 92 00 – Turf & Grasses
- 32 93 00 – Plants
- 32 94 13 – Landscape Edging

| *Revised Apr 30, 2018*

Division 33 – Utilities

- *33 00 00 – General Utilities Requirements
- 33 10 00 – Water Utilities – Public Water Distribution System
- 33 12 13.13 – Water Supply Backflow Preventer Assemblies
- *33 30 00 – Sanitary Sewerage Utilities – Sanitary Sewer Collection System
- *33 60 00 – Hydronic and Steam Energy Utilities
- *33 71 19 – Electrical Underground Ducts & Manholes
- 33 80 00 – Communications Utilities

| *Revised Apr 30, 2018*

| *Revised Apr 30, 2018*

| *Revised Apr 30, 2018*

| *Revised Apr 30, 2018*