DIVISION V

ATTACHMENTS

DIVISION V
ATTACHMENTS

Latest Update 6-11-15, See underlined text

1. GENERAL REQUIREMENTS:

1.1. A/E Requirements: When required by the University the Architect/Engineer (A/E) assigned by contract to a given project shall utilize the attachments as identified in previous Divisions.

2. ATTACHMENTS:

2.1. Forms: The following forms are modeled after the attachments in the DGS Procedure Manual, July, 2003 Edition.

a. Summary – Areas, Volume & Efficiency Form

b. Tabulation of Gross Area Form

c. Summary – Net Assignable Areas Form

d. University Standard Construction Document Change Form

e. Engineer's and Developer's Certification Form

f. Building Code Study Data Forms

g. Project Description Forms

h. Directions for Completing the Project Description Forms

i. See pages V-3 through V-18 for the samples of the forms.

2.2. University Standard Cover Sheets and Drawing List:

a. Cover Sheet - Bound Documents: The University Standard Cover Sheet shall be used on all projects for all bound specifications, reports, studies etc. prepared by the A/E and submitted to UM.

b. Cover Sheet - Drawings: The University Standard Cover Sheet shall be used on all projects for all bound drawing sets prepared by the A/E and submitted to UM.

c. **Standard Drawing List:** The University Standard Drawing List shall be used on all projects for all bound drawing sets prepared by the A/E and submitted to UMB.

d. See pages V-19 through V-28 for a sample of the cover sheet for bound documents and the drawing list.

2.3. **Availability:** The forms, cover sheets and drawing list are available electronically on the UMB Web Site.

SUMMARY - AREAS, VOLUME & EFFICIENCY

PROJECT: _____ UNIVERSITY PROJECT NO: _____

FACILITY: _____ DATE: _____

ARCHITECT/ENGINEER: _____

ITEM	AREA SQ. FT.					
	PROGRAM	SD	DD	50%	95%	100%
GROSS AREA (Notes 1 & 2)						
NET ASSIGNABLE AREA (Notes 1 & 2) (Sh. 3 to incl.)						
GROSS FACTOR (Note 1)						
EFFICIENCY FACTOR (Note 3) % EFFICIENCY (Note 4)						
SUBMISSION DATE (Note 5)						

NOTES:

1. Gross Areas, Net Assignable Areas and Volumes shall be calculated in strict accordance with the University Procedure Manual.

2. Attach additional sheets as follows: Sheet 2 - Tabulation of Gross Areas; Sheet 3 and subsequent sheets - Tabulation of Net Assignable Areas (Room by Room).

3. To obtain Efficiency Factor: Divide Gross Area by Net Assignable Area (e.g. 49,209 SF Gross Area divided by 33,705 SF Net Assignable Area = 1.46).

4. To obtain % Efficiency: Divide Net Assignable Area by Gross Area and multiply by 100 (e.g. 33,705 SF Net Assignable Area divided by 49,209 SF Gross Area multiplied by 100 = 68.5% Efficiency)

5. Submit in triplicate to the University Project Manager with each phase submission of the review documents. Figures shall be shown for all previous phases as well as the current phase submitted.

TABULATION OF GROSS AREA

PROJECT: _____ UNIVERSITY PROJECT NO: _____

FACILITY: _____ DATE: _____

ARCHITECT/ENGINEER: _____

DESCRIPTION	GROSS AREA (SF)					
	PROGRAM	SCHEMATIC	DD	50%	95%	100%
Utility Tunnels (Within 10 feet)						
Crawl Space (6 feet or more high)						
Sub-Basement						
Basement						
Ground Floor						
Mezzanine						
Balcony						
Fixed Bleachers (w/rooms below)						
1st Floor						
2nd Floor						
3rd Floor						
4th Floor						
Other						
Other						
Mezzanine (Boiler or Equip. Room)						
Penthouses (Stairs, Elev., Mech.)						
Areaways (1/2)						
Canopies (1/2)						
Roof or Floor						
Overhangs (1/2)						
Open piazza under bldg. (1/2)						
Covered Balcony (1/2)						
Loading Dock (1/2)						
TOTALS						

TABULATION OF NET ASSIGNABLE AREAS

PROJECT: _____ PROJECT NO: _____

FACILITY: _____ DATE: _____

ARCHITECT/ENGINEER: _____

Room No.	DESCRIPTION	NET ASSIGNABLE AREAS (SF)					
		PROGRAM	SD	DD	50%	95%	100%
Total (This Sheet)							
GRAND TOTAL (Sheet 3 to)							

UNIVERSITY of MARYLAND, BALTIMORE
CONSTRUCTION DOCUMENT CHANGE (CDC)

Construction Document Change **CDC #:**

Project Title: **UMB Project #:**

Prepared By: **Date Prepared:**

PROPOSED CHANGES TO THE CONTRACT DOCUMENTS:
Provide all labor, materials, equipment, and services necessary to accomplish the following changes to the contract documents. If it is concluded that incorporation of the changes included herein will result in a change to the contract amount and/or schedule, please submit an itemized change order proposal indicating all changes to the contract amount and/or contract schedule. This is not a contract change order or contract amendment. This is not a direction to proceed with work described herein, unless it is agreed that there is no change to the contract amount and schedule. Include all changes authorized to be performed in the set of Record Documents.

UMB Project Manager: **Date:**

The modifications to the contract documents as a result of this Construction Document Change include the following:

ENGINEER'S AND DEVELOPER'S CERTIFICATION

ENGINEER'S CERTIFICATION

I (We), _____, do hereby certify that the sediment control provisions shown on this plan are designed in accordance with the guidelines, standards and specifications for soil erosion and sediment control issued by the Maryland Department of the Environment, latest edition.

_____	_____	_____
Signature	**Title**	**Date**
_____	_____	
Printed Name	**MD Registration No.** P.E., R.L.S. or R.L.A. (Circle)	

UNIVERSITY/DEVELOPER'S CERTIFICATION

I/We hereby certify that:

A. All development and construction will be done in accordance with this sediment and erosion control plan and further authorize the right of entry for periodic on-site evaluation by the State of Maryland Department of the Environment enforcement inspectors.

B. Any responsible personnel involved in the construction project will have a certificate of attendance at a Department of the Environment approved training program for the control of sediment and erosion before beginning the project.

_____	_____
Signature	**Date**
_____	_____
Printed Name and Title	**Card No.**

BUILDING CODE STUDY DATA

DESIGN PHASE: __ SD __ DD __ CD DATE: _____

1) PROJECT: _____ PROJECT NO. _____

FACILITY:

_____

_____

2) APPLICABLE CODES:

A) Building Code: IBC – 2006
B) Fire Code: NFPA – 2006
C) International Mechanical Code: IMC – 2006
D) National Standard Plumbing Code: NSPC – 2003
E) National Electric Code: NEC – 2005
F) ASHRAE: Latest
G) Elevator and Escalator Safety Code: ASME A17.1.2000 (with addenda)

3) BUILDING USE, CONSTRUCTION CLASSIFICATIONS AND HEIGHT

	IBC	NFPA
Use Group (Section 302) _____:	_____	_____
Special Use and Occupancy__ ___ (Chapter 4):	_____	_____
Incidental Use Areas _____ _ (Table 508.2):	_____	_____
Proposed Type of Construction __ (Table 503):	_____	_____
Building Height Allowance _____ (Table 503):	_____	_____
Additional Credit for Fully Sprinklered Building _____ (Section 504.2):	_____	_____
Actual Building Height _____:	_____	_____
Number of Stories _____ (Table 503):	_____	_____

4) BUILDING AREAS:

BUILDING ACTUAL CROSS AREAS:

First Floor : _____
Second Floor : _____
Third Floor : _____
Mechanical Penthouse: _____
Total (GSF) : _____

MAXIMUM ALLOWABLE AREAS:

Per IBC Table 503: _____ +
Automatic Sprinkler System Increase – 504.2_____

5) OCCUPANCY LOADS:

USE:	IBC (Table 1004.4.1):	Life Safety (Table 7.3.1.2):
_____	_____	_____

6) EGRESS WIDTH:

	IBC (Table 1004.4.1):	Life Safety (Table 7.3.1.2):
Egress Width at Stairs:	_____	_____
Egress Width at Doors:	_____	_____
Egress Width at Corridors:	_____	_____

7) OCCUPANCY LOADS AND EGRESS REQUIREMENTS:

Location (Spaces)		: _____
Area in Sq. Feet		: _____
Maximum Floor Area		: _____
Allowance per Occupant	(1004.1.1):	_____
Egress Width Required	(1005.1)	: _____
Egress Width Provided	(In Inches):	_____
Number Exits Required	(1019.1)	: _____
Number Exits Provided		: _____

8) FIRE PROTECTION SYSTEM REQUIREMENTS:

	IBC	System Reqd. (Yes/No)	IBC 2006 Reference	NFPA 101-2006
Automatic Sprinkler	(Sec 903):	_____	_____	_____
Fire Extinguishers	(Sec 903):	_____	_____	_____
Standpipe System	(Sec 903):	_____	_____	_____
Portable Fire Extinguishers	(Sec 903):	_____	_____	_____
Fire Alarm System	(Sec 903):	_____	_____	_____
Emergency Alarm System	(Sec 903):	_____	_____	_____
Smoke Control System	(Sec 903):	_____	_____	_____
Smoke and Heat Vents	(Sec 903):	_____	_____	_____
Fire Command Center	(Sec 903):	_____	_____	_____
Fire Dept. Connection	(Sec 903):	_____	_____	_____

9) MAXIMUM DEAD END/DISTANCE:

Use Group	: _____
IBC – 2006 (1016.3)	: _____
NFPA – 2006	: _____

10) INTERIOR FINISH REQUIREMENTS:

	Class	Flame Spread	Smoke Development

IBC – 2006 (Table – 803.5): _____ _____ _____
NFPA – 2006 (Chapter 10): _____ _____ _____

11) MAXIMUM TRAVEL DISTANCE TO EXIT:

Actual: Show on Life Safety Plan

	IBC 2006 (Table – 1015.1)	NFPA - 2006
Allowable:	_____	_____

12) MAXIMUM CORRIDOR WIDTH REQUIREMENTS:

Location	Width	IBC Reference (1017.2)	NFPA-Reference
_____	_____	_____	_____

13) PANIC HARDWARE:

Location	Required	IBC Reference (1008.1.9)	NFPA-Reference
_____	_____	_____	_____

14) STAIR DATA: (Section 1009)

Stair Width : _____
Capacity : _____
Rated Enclosure: _____

15) BUILDING FIRE RATINGS:

		IBC – 2006 (601-602)	NFPA - 2006 (Chapter 8)
STRUCTURAL FRAME Including Columns, Girders, Trusses	**:**	_____	_____
EXTERIOR BEARING WALL	**:**	_____	_____
EXTERIOR NON-BEARING WALL	**:**	_____	_____
INTERIOR BEARING WALL	**:**	_____	_____
FLOOR CONSTRUCTION Including Support Beams and Joist	**:**	_____	_____
ROOF CONSTRUCTION	**:**	_____	_____

Including Support Beams and Joist

: _____

FIRE WALLS – USE GROUP **:** _____ _____
Protective Opening Rating (Section 705 & 715)

VERTICAL EXIT ENCLOSURE **:** _____ _____
Protective Opening Rating (Section 704.4)

SHAFTS AND ELEVATOR HOIST WAYS: _____ _____
Protective Opening Rating (Section 707.4)

EXIT ACCESS CORRIDORS **:** _____ _____
Protective Opening Rating (Section 1017.1)

SMOKE BARRIER **:** _____ _____
Protective Opening Rating (Section 709)

PROJECT DESCRIPTION SHEET

DESIGN PHASE __ DD __ 95% CD __ 100% CD DATE: _____

PROJECT:_____ PROJECT NUMBER:_____

FACILITY:_____

ARCHITECT:_____

ENGINEERS:_____
_____

A. DESCRIPTION:_____
_____

B. OCCUPANCT:_____
_____

C.	Gross Area (SF)	Net Assignable Area (SF)	Perimeter Walls (SF)
Basement			
Floor 1			
Mezzanine			
Floor 2			
Floor 3			
Penthouse			
Covered Atrium			
Totals			

D. TOTAL VOLUME: _____ cubic feet

E. EFFICENCY:

Assignable Area = ____ x 100 = ____.____ % E Eff.
Gross Area

Gross Area = ____.____ Efficiency Factor.
Assignable Area

F. REMARKS:_____
_____

G. HANDICAPPED: _____
_____

H. ASBESTOS REMOVAL REQUIRED: _____

PROJECT DESCRIPTION SHEET

CONSTRUCTION

1. Foundation	
2. Structural	
3. Exterior Walls	
4. Partitions	
5. Floors	
6. Floors Finish	
7. Ceilings	
8. Roof	
9. Roof Finish	
10. Wall Finish	
11. Doors & Frames	
12. Windows	
13. Toilet Room Partitions	
14. Plumbing	____Total # of Fixtures ____WC ____ SH ____ DF ____ ___LAV ____SS ____ UR ____ OTHER _____
15. Sewers	Sanitary: Storm: Septic:
16. Water Supply	
17. Fire Protection	
18. Heating	
19. Heating Plant	
20. Ventilation	
21. Air Conditioning	Tons: %
22. Electric	
23. Special Electric	
24. Site Electric	
25. Elevators	
26. Parking Lots	
27. Roads	Curbs:
28. Walks & Steps	
29. Built-in Equipment	
30. Site Specialties	

SKETCH

DIRECTIONS FOR COMPLETING PROJECT DESCRIPTION SHEET

The project Architect/Engineer shall complete a separate Project Description Sheet (Attachment #6) for each building of a project and submit the original with 2 copies to the Department of General Services:

(1) to accompany the design development plans,
(2) to accompany the final plans (prior to bid, after all revisions.) And
(3) at such other times as requested.

Keep description brief, use abbreviations.

GENERAL

A. Give brief description of structure. When project has more than one building, give building title here.

B. State occupancy:

Garage or Parking . . . . . number of vehicles;
Nursing Home, Dormitory or Hospital . . . . . number of student or patient beds;
Auditorium or Gym . . . . . number of seats;
Housing . . . . . number of rental units;
Library . . . . . .number of volumes, number of carrels, number of seats, (including carrels);
Dining Hall . . . . . serving capacity per hour, number of seats;
Kitchen . . . . . meal capacity;
University Academic Buildings . . . . . number students each building, number of classrooms, number of faculty offices;
Public Schools . . . . . number of pupils, number of faculty offices, number of classrooms;
Office of Administration Building . . . . . .number of personnel; etc;
Court Houses . . . . . number of courtrooms, number of seats;

C. Give gross area in square feet, assignable area in square feet and length of perimeter walls in linear feet for each floor or level. Gross and Assignable Areas shall be figured on the basis of Assignable Area and Supporting (unassignable) Areas as defined in appendix D of this manual.

D. State gross volume of structure in cubic feet. Use height from underside of lowest floor construction system to average top of finished roof surface for each portion of areas above. For slabs on grade, use height from bottom of gravel.

E. Figure efficiency both ways as indicated: as a percent and as a factor (e.g. 60% and 1.67).

F. For additional information or continuation of other items.

G. State whether facilities for the handicapped are included.

H. State whether asbestos abatement is required.

I. Draw a one-line plan view to a small scale; give basic dimensions and indicate number of stories of each portion of facility.

CONSTRUCTION

1. State types - spread footings, caissons, piles (timber, pipe, h, precast concrete, cast-in place, pressure injected, etc.), grade beams, etc. If footings are on engineered fill, so state.

2. State types - structural steel, reinforced concrete, precast units, wall bearing or structural frame, timber, post-tensioned, etc.

3. State type and materials - curtain or bearing, solid or cavity, brick, brick and block, precast, metal, wood frame, with or without insulation, etc.

4. State type and materials - fixed or movable, bearing or non-bearing, brick, block, tile, metal, precast, gypsum, metal or wood stud and sheet-and-rock, concrete, etc.

5. State type and materials - precast or poured-in-place concrete, steel deck or form with concrete fill, steel or wood joist, flat slab, etc.

6. State finish materials - resilient flooring, concrete, carpeting, terrazzo, etc. (State total square yard area of carpeting and terrazzo). (Do not include toilet rooms in this item.)

7. State finish materials. (Do not include toilet rooms in this item.)

8. State construction - flat or pitched, wood, concrete or steel framing, metal deck, concrete slab, precast, gypsum plank, etc.

9. State materials - built-up, slate, asphalt shingles, galvanized, copper, etc.

10. State finish materials - paint, epoxy coatings, ceramic tile, glazed block, wainscots, plaster, etc. (Do not include toilet rooms in this item.)

11. State type and material - hollow metal or wood, solid core wood, glass aluminum and glass, overhead, roll-up, revolving, etc. (Include type of frames - hollow metal, steel, wood, etc.)

12. State type and material - fixed double hung, projected, casement, sliding, awning, pivoted, window wall, aluminum, wood, steel, stainless steel, bronze, etc.

13. State types and materials of construction and finishes for floor, walls, ceiling, including wainscots, type of toilet partitions, etc.

14. State number of each type plumbing fixture; give total number. Add types not listed in places provided. Give size and type of domestic water heater. Use the following abbreviations:

WC - toilet	SS - service sink	Lav - lavatory
UK - unit kitchen	U - urinal LS -	Lab sink
SH - shower head	KS - kitchen sink	SC - shower compartment
PS - pot sink	BT - bathtub	DS - dish sink
LT - laundry tub	FD - food waste disposal	SB - special bath
BP - bed pan sterilizer	HB - hose bibb	DF - drinking fountain
WH - water heater	WTC - water cooler	

15. State type of material, size and length (over 10 feet from building) for each type and size of sewer. State the type and capacity (gallons) of septic system.

16. State type of materials, size and length (over 10 feet from building) of water lines. If from wells, state number and capacity. Include hot and cold water lines from a central facility.

17. State types and locations - sprinklers, standpipes, smoke or heat detectors, fire alarm system, extinguishers, hydrants, Fire Department connections, etc.

18. State types of systems including types of temperature control systems.

19. State whether plant is individual (state fuel) or central. State size and length (over 10 feet from building) of each outside line (steam, hot water, cold water, etc.) from a central plant.

20. Brief description. State cubic feet per minute quantities of total outside air and total exhaust air.

21. State types of systems, air conditioning tonnage, percentage of building that is air conditioned.

22. State service, distribution and utilization voltages, phase, amperage, overhead or underground service (give length over 10 feet from building), wiring method of building such as type, concealed or exposed, etc.

23. State electrical specialties such as audio-visual, stage lighting, lightning protection, intrusion protection, communication systems, emergency systems (e.g. battery units or generator), time system, power for computers, etc.

24. State items of site electric, such as exterior lighting, sub-station, etc.

25. State type and number of elevators, dumbwaiters, moving stairs, etc.

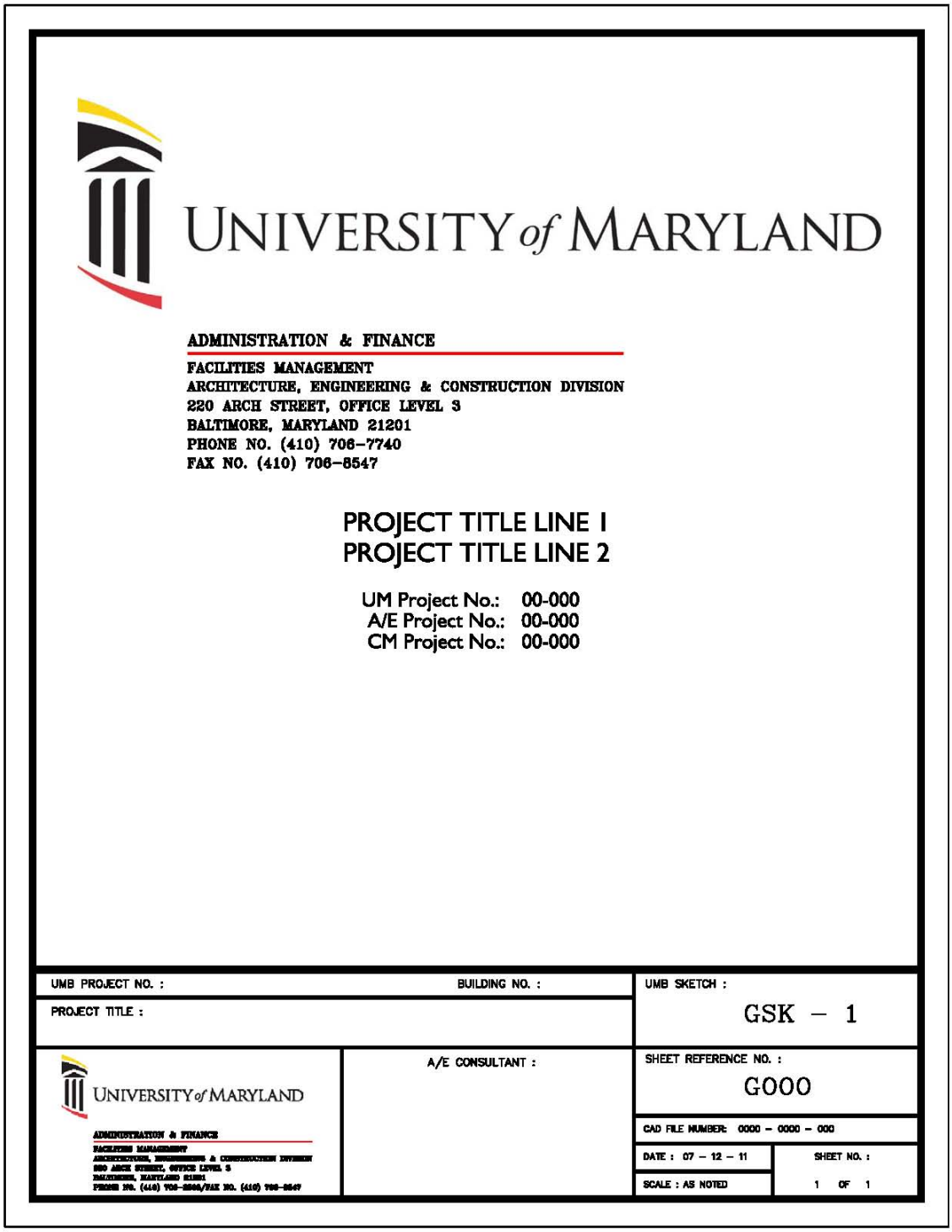
26. State type of construction, area in square yards and number of vehicles.

27. State type of construction and area in square yards. Give type of curbs and length in feet.

28. State type of construction and area in square yards.

29. State what built-in-equipment is included in project such as kitchen, snack bar, exhaust hood, special refrigeration, cabinet work, laboratory equipment, library stacks, wardrobes, special exhaust or waste systems, chalk and tack boards, draperies, pedestal floor (give area), etc.

UNIVERSITY of MARYLAND
ADMINISTRATION & FINANCE
FACILITIES MANAGEMENT
ARCHITECTURE, ENGINEERING & CONSTRUCTION DIVISION
220 ARCH STREET, OFFICE LEVEL 3
BALTIMORE, MARYLAND 21201
PHONE NO. (410) 706-7740
FAX NO. (410) 706-8547
PROJECT TITLE LINE 1
PROJECT TITLE LINE 2
UM Project No.: 00-000
A/E Project No.: 00-000
CM Project No.: 00-000
State of Maryland
Board of Public Works
Martin J. O'Malley Governor
Peter Franchot Comptroller
Nancy K. Kopp State Treasurer
Maryland General Assembly
Thomas V. Mike Miller, Jr. Senate President
Michael Erin Busch House Speaker
Consultants
ARCHITECT
Company Name
Company Address 1
Company Address 2
City, State, Zip Code
Company Phone Number
M/E/P & LIGHTING ENGINEERS
Company Name
Company Address 1
Company Address 2
City, State, Zip Code
Company Phone Number
LANDSCAPING CONSULTANT
Company Name
Company Address 1
Company Address 2
City, State, Zip Code
Company Phone Number
STRUCTURAL ENGINEER
Company Name
Company Address 1
Company Address 2
City, State, Zip Code
Company Phone Number
CIVIL ENGINEER
Company Name
Company Address 1
Company Address 2
City, State, Zip Code
Company Phone Number
SOUND CONSULTANT
Company Name
Company Address 1
Company Address 2
City, State, Zip Code
Company Phone Number
SECURITY
Company Name
Company Address 1
Company Address 2
City, State, Zip Code
Company Phone Number
TELECOM & MULTI-MEDIA
Company Name
Company Address 1
Company Address 2
City, State, Zip Code
Company Phone Number
SPECIALITY CONSULTANT
Company Name
Company Address 1
Company Address 2
City, State, Zip Code
Company Phone Number
A/E CONSULTANTS
REGISTRATION/STAMP
PROJECT TITLE :
UMB BUILDING NO. : 00000
UMB Project NO. : 00 - 000
A/E PROJECT NO. : 00000
CAD FILE NO. : 0000-0000-000
DATE : 00/00/00
SHEET TITLE :
REVISIONS
NO DATE ITEM
SHEET NO.
G000
100 OF 00


UNIVERSITY of MARYLAND
ADMINISTRATION & FINANCE
FACILITIES MANAGEMENT
ARCHITECTURE, ENGINEERING & CONSTRUCTION DIVISION
220 ARCH STREET, OFFICE LEVEL 3
BALTIMORE, MARYLAND 21201
PHONE NO. (410) 706-7740
FAX NO. (410) 706-8547
PROJECT TITLE LINE 1
PROJECT TITLE LINE 2
UM Project No.: 00-000
A/E Project No.: 00-000
CM Project No.: 00-000
UMB PROJECT NO. :
BUILDING NO. :
UMB SKETCH :
PROJECT TITLE :
GSK - 1
UNIVERSITY of MARYLAND
ADMINISTRATION & FINANCE
A/E CONSULTANT :
SHEET REFERENCE NO. :
G000
CAD FILE NUMBER: 0000 - 0000 - 000
DATE : 07 - 12 - 11
SHEET NO. :
SCALE : AS NOTED
1 OF 1

UNIVERSITY of MARYLAND

ADMINISTRATION & FINANCE

FACILITIES MANAGEMENT

SPECIFICATIONS FOR THE CONSTRUCTION OF *NEW ADMINISTRATION BUILDING* AT THE UNIVERSITY OF MARYLAND

UNIVERSITY PROJECT # *00-000*
BUILDING INVENTORY No. *8000*

BID PACKAGE 3a-Superstructure

VOLUME 1 OF 2: PROJECT SPECFICATIONS

March 16, 2007

Owner
University of Maryland, Baltimore
Office of Facilities Management
Design and Construction
220 Arch Street, Office Level 3, 14th Floor
Baltimore, Maryland 21201

Board of Public Works
Martin O'Malley, Governor
Peter Franchot, Comptroller
Nancy K. Kopp, Treasurer

Maryland General Assembly
Thomas V. Miller Jr, Senate President
Michael Erin Busch, House Speaker

Architect
Architecture, Inc.
100 Main Street,
Baltimore, MD 21202

Civil/Site Engineer
Dirt, Inc.
230 Invert Ave.
Anywhere, Maryland 21201

Structural Engineer
Steel & Concrete, Inc.
13 First Street, Suite 200
Downtown, MD 21201

Information Technology
Technologies Unlimited
1 Internet Highway
Hypersphere, N/A

MEP Engineer
MEP Associates
1300 Shady Lane
Springfield, MD 21201

Construction Manager
Acme Builders
100 1/2 Corporate Boulevard
Suburban, MD 21201

A/E – Edit Italic Text for project. Also this cover sheet shall be used for all bound specifications, studies, reports, etc. submitted to UMB.

A/E Note - Edit each discipline drawing number and sheet title for the project requirements. When additional drawing numbers and sheet titles are required modify each discipline accordingly conforming to the drawing numbering system below. Example: Adding a 7th & 8th Floor use A107 & A108 for the Floor Plans and the Roof Plan becomes A109, etc. For Renovation Projects the floor plan sheet numbers for each discipline start with 100. Example: AD100, A100, etc.

UMB STANDARD SHEET NUMBERS AND SHEET TITLES

GENERAL

G000 UMB STANDARD COVER SHEET

CIVIL

CD100 CIVIL DEMOLITION

C100 SITE PLAN

C200 STREETSCAPE PLAN
C201 STREETSCAPE DETAILS
C202 PUBLIC CURB/SIDEWALK REPLACEMENT PLAN
C203 PUBLIC CURB/SIDEWALK REPLACEMENT PLAN

C300 PUBLIC WATER PLAN AND PROFILES
C301 PUBLIC STORM DRAIN PLAN AND PROFILES
C302 SANITARY PLAN AND PROFILES
C303 ELECTRICAL DUCTBANK PROFILES

C400 STORMWATER MANAGEMENT DRAINAGE STUDY AREA
C401 STORMWATER MANAGEMENT DETAILS

LANDSCAPE

LD100 LANDSCAPE DEMOLITION

L001 LANDSCAPE AND IRRIGATION NOTES AND SYMBOLS

L100 LANDSCAPE AND IRRIGATION SITE PLAN

L200 LANDSCAPE AND IRRIGATION GRADING PLAN

L300 LANDSCAPE AND IRRIGATION PLANT PLAN

L400 LANDSCAPE AND IRRIGATION DETAILS

STRUCTURAL

S001 GENERAL NOTES, CODE & ENGINEERING DATA
S002 GENERAL NOTES

SD100 BASEMENT FLOOR DEMOLITION PLAN
SD101 FIRST FLOOR DEMOLITION PLAN
SD102 SECOND FLOOR DEMOLITION PLAN
SD103 THIRD FLOOR DEMOLITION PLAN
SD104 FOURTH FLOOR DEMOLITION PLAN
SD105 FIFTH FLOOR DEMOLITION PLAN
SD106 SIXTH FLOOR DEMOLITION PLAN
SD107 ROOF DEMOLITION PLAN

S100 FOUNDATION AND BASEMENT FLOOR FRAMING PLAN
S101 FIRST FLOOR FRAMING PLAN
S102 SECOND FLOOR FRAMING PLAN
S103 THIRD FLOOR FRAMING PLAN
S104 FOURTH FLOOR FRAMING PLAN
S105 FIFTH FLOOR AND LOW ROOF FRAMING PLAN
S106 SIXTH FLOOR FRAMING PLAN
S107 ROOF AND MACHINE ROOM FRAMING PLAN
S108 ROOF FRAMING PLAN

S200 FOUNDATION WALL ELEVATIONS AND SECTIONS

S300 TYPICAL DETAILS
S301 TYPICAL DETAILS
S302 TYPICAL DETAILS

S400 SECTIONS AND DETAILS
S401 SECTIONS AND DETAILS
S402 SECTIONS AND DETAILS
S403 SECTIONS AND DETAILS

S500 COLUMN SCHEDULE

ARCHITECTURAL

A001 GENERAL NOTES SYMBOLS AND ABBREVIATIONS
A002 CODE ANALYSIS, FEDERAL ACCESSIBILITY STANDARDS, AND BUILDING CONSTRUCTION STANDARDS
A003 LIFE SAFETY BASEMENT AND FIRST FLOOR PLANS
A004 LIFE SAFETY SECOND AND THIRD FLOOR PLANS
A005 LIFE SAFETY FOURTH AND FIFTH FLOOR PLANS
A006 LIFE SAFETY SIXTH FLOOR AND ROOF PLANS

AD100 BASEMENT FLOOR DEMOLITION PLAN
AD101 FIRST FLOOR DEMOLITION PLAN
AD102 SECOND FLOOR DEMOLITION PLAN
AD103 THIRD FLOOR DEMOLITION PLAN
AD104 FOURTH FLOOR DEMOLITION PLAN

AD105 FIFTH FLOOR DEMOLITION PLAN
AD106 SIXTH FLOOR DEMOLITION PLAN
AD107 ROOF DEMOLITION PLAN

A100 BASEMENT FLOOR PLAN
A101 FIRST FLOOR PLAN
A102 SECOND FLOOR PLAN
A103 THIRD FLOOR PLAN
A104 FOURTH FLOOR PLAN
A105 FIFTH FLOOR PLAN
A106 SIXTH FLOOR PLAN
A107 PENTHOUSE FLOOR PLAN
A108 ROOF PLAN

A120 BASEMENT FLOOR REFLECTED CEILING PLAN
A121 FIRST FLOOR REFLECTED CEILING PLAN
A122 SECOND FLOOR REFLECTED CEILING PLAN
A123 THIRD FLOOR REFLECTED CEILING PLAN
A124 FOURTH FLOOR REFLECTED CEILING PLAN
A125 FIFTH FLOOR REFLECTED CEILING PLAN
A126 SIXTH FLOOR REFLECTED CEILING PLANS
A127 PENTHOUSE REFLECTIVE CEILING PLAN

A130 BASEMENT FLOOR FINISH PLAN AND KEY PLAN
A131 FIRST FLOOR FINISH PLAN AND KEY PLAN
A132 SECOND FLOOR FINISH PLAN AND KEY PLAN
A133 THIRD FLOOR FINISH PLAN AND KEY PLAN
A134 FOURTH FLOOR FINISH PLAN AND KEY PLAN
A135 FIFTH FLOOR FINISH PLAN AND KEY PLAN

A140 BASEMENT FLOOR SIGNAGE PLAN
A141 FIRST FLOOR SIGNAGE PLAN
A142 SECOND FLOOR SIGNAGE PLAN
A143 THIRD FLOOR SIGNAGE PLAN
A144 FOURTH FLOOR SIGNAGE PLAN
A145 FIFTH FLOOR SIGNAGE PLAN
A146 SIXTH FLOOR AND ROOF SIGNAGE PLANS

A200 EXTERIOR ELEVATIONS
A201 ELEVATIONS
A202 ELEVATIONS

A210 EXTERIOR ENLARGED ELEVATIONS
A211 EXTERIOR ENLARGED ELEVATIONS

A220 INTERIOR ELEVATIONS

A221 INTERIOR ELEVATIONS

A300 BUILDING SECTIONS EAST - WEST
A301 BUILDING SECTIONS NORTH - SOUTH

A310 EXTERIOR WALL SECTIONS
A311 EXTERIOR WALL SECTIONS
A312 EXTERIOR WALL SECTIONS

A320 INTERIOR WALL SECTIONS

A400 STAIR #1 FLOOR PLANS AND SECTION
A401 STAIRS #2, 3 AND 4 FLOOR PLANS AND SECTIONS

A410 STAIR DETAILS
A420 ELEVATOR FLOOR PLANS AND SECTION
A430 ENLARGED LOBBY AND TOILET ROOM FINISH PLANS
A440 ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS

A500 PLAN DETAILS
A501 PLAN DETAILS

A510 REFLECTED CEILING PLAN DETAILS

A520 SECTION DETAILS
A521 SECTION DETAILS

A530 PARTITION TYPES AND DETAILS
A540 DOOR DETAILS
A550 WINDOW DETAILS
A560 STOREFRONT AND LOUVER DETAILS

A600 USER DEFINED

A700 DOOR SCHEDULES
A710 WINDOW SCHEDULES
A720 STOREFRONT AND LOUVER SCHEDULES

A800 ARCHITECTURAL SPECIFICATIONS

MECHANICAL

M001 MECHANICAL LEGEND ABBREVIATIONS, MECHANICAL ENGINEERING DATA AND GENERAL NOTES

MD100 BASEMENT FLOOR DEMOLITION PLAN – HVAC
MD101 FIRST FLOOR DEMOLITION PLAN – HVAC

MD102 SEOND FLOOR DEMOLITION PLAN – HVAC
MD103 THIRD FLOOR DEMOLITION PLAN – HVAC
MD104 FOURTH FLOOR DEMOLITION PLAN – HVAC
MD105 FIFTH FLOOR DEMOLITION PLAN – HVAC
MD106 SIXTH FLOOR DEMOLITION PLAN – HVAC
MD107 ROOF DEMOLITION PLAN – HVAC

M100 BASEMENT FLOOR PLAN – HVAC
M101 FIRST FLOOR PLAN – HVAC
M102 SECOND FLOOR PLAN - HVAC
M103 THIRD FLOOR PLAN - HVAC
M104 FOURTH FLOOR PLAN - HVAC
M105 FIFTH FLOOR PLAN - HVAC
M106 SIXTH FLOOR PLAN - HVAC
M107 PENTHOUSE FLOOR PLAN – HVAC
M108 ROOF PLAN – MECHANICAL

MD200 BASEMENT FLOOR DEMOLITION PLAN – HVAC PIPING
MD201 FIRST FLOOR DEMOLITION PLAN – HVAC PIPING
MD202 SEOND FLOOR DEMOLITION PLAN – HVAC PIPING
MD203 THIRD FLOOR DEMOLITION PLAN – HVAC PIPING
MD204 FOURTH FLOOR DEMOLITION PLAN – HVAC PIPING
MD205 FIFTH FLOOR DEMOLITION PLAN – HVAC PIPING
MD206 SIXTH FLOOR DEMOLITION PLAN – HVAC PIPING
MD207 ROOF DEMOLITION PLAN – HVAC PIPING

M200 BASEMENT FLOOR PLAN – HVAC PIPING
M201 FIRST FLOOR PLAN – HVAC PIPING
M202 SECOND FLOOR PLAN – HVAC PIPING
M203 THIRD FLOOR PLAN – HVAC PIPING
M204 FOURTH FLOOR PLAN – HVAC PIPING
M205 FIFTH FLOOR PLAN – HVAC PIPING
M206 SIXTH FLOOR PLAN – HVAC PIPING
M207 PENTHOUSE FLOOR PLAN – HVAC PIPING
M208 ROOF PLAN – HVAC PIPING

M300 MECHANICAL SECTIONS

M400 MECHANICAL ROOM PART PLANS
M410 AIR HANDLING UNIT PLANS & ELEVATIONS

M500 MECHANICAL DETAILS
M501 MECHANICAL DETAILS
M502 MECHANICAL DETAILS

M600 MECHANICAL CONTROLS

M610 COOLING SYSTEM SCHEMATIC DIAGRAM
M620 HEATING SYSTEM SCHEMATIC DIAGRAM
M630 ENERGY RECOVERY SCHEMATIC DIAGRAM
M640 AIR DISTRIBUTION SCHEMATIC DIAGRAM

M700 MECHANICAL SCHEDULES
M701 MECHANICAL SCHEDULES
M702 MECHANICAL SCHEDULES
M703 MECHANICAL SCHEDULES

M800 MECHANICAL SPECIFICATIONS

PLUMBING
P001 PLUMBING LEGEND & GENERAL NOTES

PD100 BASEMENT FLOOR DEMOLITION PLAN – PLUMBING
PD101 FIRST FLOOR DEMOLITION PLAN – PLUMBING
PD102 SEOND FLOOR DEMOLITION PLAN – PLUMBING
PD103 THIRD FLOOR DEMOLITION PLAN – PLUMBING
PD104 FOURTH FLOOR DEMOLITION PLAN – PLUMBING
PD105 FIFTH FLOOR DEMOLITION PLAN – PLUMBING
PD106 SIXTH FLOOR DEMOLITION PLAN – PLUMBING
PD107 ROOF DEMOLITION PLAN – PLUMBING

P100 BASEMENT FLOOR PLAN – PLUMBING
P101 FIRST FLOOR PLAN – PLUMBING
P102 SECOND FLOOR PLAN - PLUMBING
P103 THIRD FLOOR PLAN - PLUMBING
P104 FOURTH FLOOR PLAN - PLUMBING
P105 FIFTH FLOOR PLAN - PLUMBING
P106 SIXTH FLOOR PLAN – PLUMBING
P107 PENTHOUSE FLOOR PLAN – PLUMBING
P108 ROOF PLAN – PLUMBING

P400 PART PLANS – PLUMBING

P500 PLUMBING DETAILS

P600 DOMESTIC WATER RISER DIAGRAMS
P610 SANITARY RISER DIAGRAMS
P620 STORM WATER RISER DIAGRAM
P630 LABORATORY COMPRESSER AIR AND VACUUM SYSTEM DIAGRAMS
P640 RO / DI WATER SYSTEM DIAGRAMS

P700 PLUMBING SCHEDULES

FIRE PROTECTION

FP001 FIRE PROTECTION LEGEND, GENERAL NOTES

FPD100 BASEMENT FLOOR DEMOLITION PLAN – SPRINKLER
FPD101 FIRST FLOOR DEMOLITION PLAN – SPRINKLER
FPD102 SEOND FLOOR DEMOLITION PLAN – SPRINKLER
FPD103 THIRD FLOOR DEMOLITION PLAN – SPRINKLER
FPD104 FOURTH FLOOR DEMOLITION PLAN – SPRINKLER
FPD105 FIFTH FLOOR DEMOLITION PLAN – SPRINKLER
FPD106 SIXTH FLOOR DEMOLITION PLAN – SPRINKLER
FPD107 ROOF DEMOLITION PLAN – SPRINKLER
FP100 BASEMENT FLOOR PLAN – SPRINKLER
FP101 FIRST FLOOR PLAN – SPRINKLER
FP102 SECOND FLOOR PLAN - SPRINKLER
FP103 THIRD FLOOR PLAN - SPRINKLER
FP104 FOURTH FLOOR PLAN - SPRINKLER
FP105 FIFTH FLOOR PLAN - SPRINKLER
FP106 SIXTH FLOOR PLAN – SPRINKLER
FP107 PENTHOUSE FLOOR PLAN – SPRINKLER
FP108 ROOF PLAN – SPRINKLER

FP400 PART PLAN – SPRINKLER

FP500 SPRINKLER DETAILS

FP600 FIRE PROTECTION RISER DIAGRAM

ELECTRICAL

E001 LEGEND, ABBREVIATIONS & ELECTRICAL ENGINEERING DATA

ED100 BASEMENT FLOOR DEMOLITION PLAN – POWER
ED101 FIRST FLOOR DEMOLITION PLAN – POWER
ED102 SEOND FLOOR DEMOLITION PLAN – POWER
ED103 THIRD FLOOR DEMOLITION PLAN – POWER
ED104 FOURTH FLOOR DEMOLITION PLAN – POWER
ED105 FIFTH FLOOR DEMOLITION PLAN – POWER
ED106 SIXTH FLOOR DEMOLITION PLAN – POWER
ED107 ROOF DEMOLITION PLAN – POWER

E100 BASEMENT FLOOR PLAN – POWER
E101 FIRST FLOOR PLAN – POWER
E102 SECOND FLOOR PLAN – POWER
E103 THIRD FLOOR PLAN – POWER
E104 FOURTH FLOOR PLAN – POWER
E105 FIFTH FLOOR PLAN – POWER

E106 SIXTH FLOOR PLAN – POWER
E107 PENTHOUSE FLOOR PLAN – POWER
E108 ROOF PLAN – POWER

ED200 BASEMENT FLOOR DEMOLITION PLAN – LIGHTING
ED101 FIRST FLOOR DEMOLITION PLAN – LIGHTING
ED202 SEOND FLOOR DEMOLITION PLAN – LIGHTING
ED203 THIRD FLOOR DEMOLITION PLAN – LIGHTING
ED204 FOURTH FLOOR DEMOLITION PLAN – LIGHTING
ED205 FIFTH FLOOR DEMOLITION PLAN – LIGHTING
ED206 SIXTH FLOOR DEMOLITION PLAN – LIGHTING
ED207 ROOF DEMOLITION PLAN – LIGHTING

E200 BASEMENT FLOOR PLAN – LIGHTING
E201 FIRST FLOOR PLAN – LIGHTING
E202 SECOND FLOOR PLAN – LIGHTING
E203 THIRD FLOOR PLAN – LIGHTING
E204 FOURTH FLOOR PLAN – LIGHTING
E205 FIFTH FLOOR PLAN – LIGHTING
E206 SIXTH FLOOR PLAN – LIGHTING
E207 PENTHOUSE FLOOR PLAN – LIGHTING
E208 ROOF PLAN – LIGHTING

E600 ONE-LINE RISER DIAGRAM
E601 FIRE ALARM RISER DIAGRAM
E602 FIRE ALARM GRAPHIC ANNUNCIATOR

E700 ELECTRICAL PANEL SCHEDULE
E710 LIGHTING SCHEDULE

E800 ELECTRICAL SPECIFICATIONS

AUDIO VISUAL AND TELECOMMUNICATIONS
TA001 AUDIO VISUAL AND TELECOMMUNICATIONS TITLE SHEET
TA101 TELECOMMUNICATIONS SYSTEM OSP
TA102 TELECOMMUNICATIONS RISER DETAILS
TA103 TELECOMMUNICATIONS DETAILS
TA104 TELECOMMUNICATIONS RACK ELEVATIONS
TA105 TELECOMMUNICATIONS RACK ELEVATIONS

TA200 AUDIO VISUAL AND TELECOMMUNICATIONS BASEMENT FLOOR PLAN
TA201 AUDIO VISUAL AND TELECOMMUNICATIONS FIRST FLOOR PLAN
TA202 AUDIO VISUAL AND TELECOMMUNICATIONS SECOND FLOOR PLAN
TA203 AUDIO VISUAL AND TELECOMMUNICATIONS THIRD FLOOR PLAN
TA204 AUDIO VISUAL AND TELECOMMUNICATIONS FOURTH FLOOR PLAN

TA205 AUDIO VISUAL AND TELECOMMUNICATIONS FIFTH FLOOR PLAN
TA206 AUDIO VISUAL AND TELECOMMUNICATIONS SIXTH FLOOR PLAN

SECURITY
TY001 SYMBOLS, LEGENDS & ABBREVIATIONS – SECURITY

TY100 BASEMENT FLOOR PLAN - SECURITY
TY101 FIRST FLOOR PLAN – SECURITY
TY103 THIRD FLOOR PLAN – SECURITY
TY105 FIFTH FLOOR PLAN – SECURITY
TY107 ROOF PLAN – SECURITY

TY500 DETAILS, DOORS AND RACK ELEVATION
TY501 DETAILS – CCTV CAMERAS

TY600 RISERS – SECURITY
TY601 RISERS – SECURITY DOOR DEVICES
TY602 RISERS – SECURITY SYSTEM

End of Division V