



CHAPTER VI: STANDARD FORMS & DETAILS



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K. UNIVERSITY SITE DEVELOPMENT FACT SHEET

A. Identification

Contact: Mary Jane Felgenhauer
Address: Facilities Planning
UNC-Chapel Hill
103 Airport Road
Chapel Hill, NC 27599-1090
Phone Number: 843-7254
E-mail: UNC will provide
Project Name: Student Academic
Services Building SASB
Application UNC will provide
Number:
Submittal Date: UNC will provide
Project Number: From Development Plan;
UNC will provide
Project Location: UNC will provide
Project Sub-Basin: UNC will provide
Tax/Map/Block/Lot
(TMBL)#: UNC will provide
Parcel
Identification
Number (PIN): UNC will provide
Is the Project in the Perimeter Transition Area? Yes___ No ___ UNC will
provide

B. Floor Area Associated with the October 2001 Development Plan

Pre-application Floor Area on the Main Campus (do not count parking deck area except for enclosed office spaces):	UNC will provide
Additional Floor Area proposed with this project:	Designer will provide
Parking Deck Area Proposed with this project:	Designer will provide
Floor Area to be demolished with this project:	Designer will provide
NEW TOTAL FLOOR AREA - OI-4 (exclude parking deck):	UNC will provide

C. Parking Spaces

Pre-application Parking Space on Main Campus:	UNC will provide
Number of Parking Spaces to be Added with this project:	Designer will provide



Number of Parking Spaces to be lost with this Project:	Designer will provide
NEW TOTAL PARKING SPACES – OI-4:	UNC will provide

D. Bicycle Parking

Number and location of Bicycle Storage Spaces within the Project Limits:	Designer will provide
Number of Bicycle Parking Spaces added by project:	Designer will provide
Number of Bicycle Parking Spaces lost by project:	Designer will provide
Location 1 - Location of new spaces:	Designer will provide
Number of Bicycle Parking Spaces Proposed:	Designer will provide
Number of Bicycle Lockers Proposed:	Designer will provide
Location 2 - Location of new spaces:	Designer will provide
Number of Bicycle Parking Spaces Proposed:	Designer will provide
Number of Bicycle Lockers Proposed:	Designer will provide
Location 3 - Location of new spaces:	Designer will provide
Number of Bicycle Parking Spaces Proposed:	Designer will provide
Number of Bicycle Lockers Proposed:	Designer will provide
Location 4 - Location of new spaces:	Designer will provide
Number of Bicycle Parking Spaces Proposed:	Designer will provide
Number of Bicycle Lockers Proposed:	Designer will provide

E. Stormwater Management

Pre-application Impervious Surface on Main Campus:	UNC will provide
Impervious Surface adjustments proposed with this application - Identify Sub-basin: UNC will provide	
Additional:	Designer will provide
Removed:	Designer will provide
New Impervious Surface - Main Campus:	UNC will provide

1. Water Quality Information

Pre-Development Volume of first inch (acre-feet)	acre-feet Designer will provide
Post-Development Volume of first inch (acre-feet)	acre-feet Designer will provide
Treatment Type (either (1) Runoff Hydrograph - 2 to 5 days, detention, or (2) Post-Development not greater than Pre-Development for 1-yr storm, infiltration)	

2. Stormwater Rate Information

Pre-Development Discharge Rate (Q2 CFS)	cfs Designer will provide
Post-Development Discharge Rate (Q2 CFS)	cfs Designer will provide
Pre-Development Discharge Rate (Q10 CFS)	cfs Designer will provide
Post-Development Discharge Rate (Q10 CFS)	cfs Designer will provide
Pre-Development Discharge Rate (Q25 CFS)	cfs Designer will provide



Post-Development Discharge Rate (Q25 CFS)	cfs Designer will provide
Pre-Development Discharge Rate (Q50 CFS)	cfs Designer will provide
Post-Development Discharge Rate (Q50 CFS)	cfs Designer will provide

3. Stormwater Volume Information

SCS Pre-Development Runoff Depth (P=3.5 in)	inch Designer will provide
SCS Post-Development Runoff without BMPs (P=3.5 in)	inch Designer will provide
BMP Volume/Storage Capacity required by project	acre-feet Designer will provide
BMP Volume/Storage Capacity provided by project	acre-feet Designer will provide
BMP TYPE/METHOD (eg. infiltration, retention, capture and re-use, evapotranspiration)	Designer will provide

F. Cumulative Change to Impervious Surfaces by Sub-Basin UNC Will Provide

Sub-Basin: ME

Acres in Sub-Basin: 441.0

Impervious Surface Acres in Sub-Basin as of January 1, 2002: 218.3

Project Name	Change to Impervious Surface (+/- acres)	New Total - Impervious Surface for Sub-Basin
Alexander/Connor/Winston	+0.4	218.7
Rams Head Center	-0.1	218.6
Carrington	+0.2	218.8
Science Complex Phase I	+0.5	219.3
Memorial Hall	+0.1	219.4
Old Dental	+0.0	219.4
MSRB	+0.1	219.5
Manning Drive	+0.99	220.49
Student Family Housing	+6.1	226.59
Global Education Center	-0.1	226.49
ITS	+0.37	226.86
Manning Substation	0	226.86
Jackson Circle Parking Deck	+0.37	227.23
UNC will update		

Sub-Basin: MO

Acres in Sub-Basin: 51.1

Impervious Surface Acres in Sub-Basin as of January 1, 2002: 18.6

Project Name	Change to Impervious Surface (+/- acres)	New Total - Impervious Surface for Sub-Basin
Thermal Storage	-0.2	18.4
UNC will update		



Sub-Basin: BA

Acres in Sub-Basin: 133.7

Impervious Surface Acres in Sub-Basin as of January 1, 2002: 25.4

Project Name	Change to Impervious Surface (+/- acres)	New Total - Impervious Surface for Sub-Basin
Cobb Hall	+0.05	133.75
UNC will update		

Sub-Basin: BO

Acres in Sub-Basin: 20.2

Impervious Surface Acres in Sub-Basin as of January 1, 2002: 7.9

Project Name	Change to Impervious Surface (+/- acres)	New Total - Impervious Surface for Sub-Basin
UNC will update		

Sub-Basin: CH

Acres in Sub-Basin: 20.2

Impervious Surface Acres in Sub-Basin as of January 1, 2002: 3.9

Project Name	Change to Impervious Surface (+/- acres)	New Total - Impervious Surface for Sub-Basin
UNC will update		

G. Stormwater Structure by Sub-Basin (UNC will provide)

Location #1: Carmichael Field #3

BMP Volume/Storage Capacity: 1.65 acre-feet

Sub-Basin: ME

Acres in Sub-Basin: 441.0

BMP Type/Method: Infiltration

Project Name	Change to BMP Volume/Storage Capacity (acre-feet)	BMP Volume/Storage Capacity Remaining (acre-feet)
Alexander Connor Winston Residence Halls	- 0.06 acre-feet	1.59 acre-feet



Addition to Carrington Hall	- 0.02 acre-feet	1.57 acre-feet

Location #2: Rams Head Center / Ehringhaus Field

BMP Volume/Storage Capacity: 0.89 acre-feet

Sub-Basin: ME

Acres in Sub-Basin: 441.0

BMP Type/Method: Infiltration, Capture and Re-Use, Evapotranspiration, Detention

Project Name	Change to BMP Volume/Storage Capacity (acre-feet)	BMP Volume/Storage Capacity Remaining (acre-feet)
Rams Head Center	- 0.13	0.76

Location #3: Site between Wilson Library and Dey Hall

BMP Volume/Storage Capacity: .24 acre-feet

Sub-Basin: ME

Acres in Sub-Basin: 441.0

BMP Type/Method: Infiltration

Project Name	Change to BMP Volume/Storage Capacity (acre-feet)	BMP Volume/Storage Capacity Remaining (acre-feet)
Science Complex Phase I	- 0.08 acre-feet	0.16 acre-feet



THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL

DEPARTMENT OF FACILITIES PLANNING & CONSTRUCTION