ANNEX F

DESIGN GUIDE ILLUSTRATIONS
Bench shall be Maglin MLB300W
Color shall be RAL 6012
Approved equal by owner

Bench to be securely fastened to walkway as instructed by project manager.

<table>
<thead>
<tr>
<th>Design Guide Illustration</th>
<th>Metal Bench</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approved</td>
<td>NTS</td>
</tr>
<tr>
<td>Scale</td>
<td>07/05/07</td>
</tr>
<tr>
<td>Issue Date</td>
<td>Drawing B-2</td>
</tr>
</tbody>
</table>
CAST ALUMINUM FINIAL
CAST ALUMINUM HINGED ROOF
UV STABILIZED CLEAR PLASTIC POLYCARBONATE REFRACTIVE PANELS PANELS TO BE REMOVEABLE
3" I.D. SLIP FITTER STAINLESS STEEL FASTENERS
10'-0" ALUMINUM POLE 4" TO 3" TAPER .188 WALL THICKNESS

FITTURE DIMENSIONS
HEIGHT: 42 3/8"
WIDTH: 14 3/16"

BASE WIDTH 10" SQUARE = 11 1/2" SQUARE

NOTES
1. ALL EXPOSED METAL SHALL BE MALACH GREEN, DEVICE 1UM49A (PMS 5605) OR EQUAL
2. REPLACEMENT FIXTURES; VERIFY EXISTING BASE ANCHOR PLATE BOLT CONFIGURATION. PROVIDE ADAPTER PLATE IN NECESSARY.
3. LIGHTS SHALL BE HACCD OR APPROVED EQUAL
   #50804 - C FIXTURE
   #SP5804 - C POST & BASE
4. MULTI-TAP BALLAST 277/208/120VAC
   150 WATT HPS BALLAST SHALL BE IN POST BASE.

<table>
<thead>
<tr>
<th>UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE</th>
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</thead>
<tbody>
<tr>
<td>MAIN CAMPUS</td>
</tr>
<tr>
<td>CITADEL LIGHT</td>
</tr>
<tr>
<td>APPROVED SHOPS ALL</td>
</tr>
<tr>
<td>SCALE N.T.S. ISSUE DATE Jan. 04</td>
</tr>
<tr>
<td>DETAIL NO OX.1</td>
</tr>
</tbody>
</table>
NARROW WALKWAY

MODIFIED HERRINGBONE PATTERN, FLASHED RED PAVERS

8" SOLIDER COURSE, TYP. AT EDGES, SOLID RED PAVERS

BRICK BANDING MAY BE USED WHEN RELATING TO BUILDINGODULES AND APPROVED BY THE DESIGN SECTION OR FACILITIES DEPARTMENT

8'-0" to 12'-0"

12' TO 20'

WIDE WALKWAY

5' Radius

5' Radius

Brick Walk Intersections
NOTES:
1. WAVE TYPE BIKE RACK (7 TO 9 BIKES PER RACK) MANUFACTURED BY GRABER USA MADISON, WISCONSIN.
2. BIKE RACK TO BE MOUNTED BELOW GRADE.
3. COLOR TO BE MALAGA GREEN FROM DEVOE (1UM40A), PMS 5605 OR EQUAL SUCH AS TIGER DRYLAC "RAL 6012" (AVAILABLE THROUGH GRABER USA).

BICYCLE RACK DESIGN GUIDE ILLUSTRATION
APPROVED 3/4"=1'-0" 11/4/88 DGI=LA001
CONCRETE FOOTING
1" Min
1 5/8" O.D.
BRICK BASE
STONE BASE
34"
BRICK FIELD
SOLDIER COURSE
LENGTH VARIES DEPENDING ON NUMBER OF BIKE RACKS
VARIES
2'-8"
2'-0"
5'-8"
ADJOINING SIDEWALK
- Posts Shall Be 3” O.D. Metal Pipe
- Post and Chain Shall Be Painted Malaga Green
- Align Posts With Brick Paving Bands

Final Layout shall be prepared by the Facilities Planning Department prior to installation.
SECTION

PAINTING NOTE
ALL METAL SHALL BE PAINTED TO MATCH
DEVOE PAINT CO. MALAGA GREEN 1U404A,
PMS 5605 COLOR CODE.

PAINT SCHEDULE
FERROUS METAL:
ONE (1) COAT RUST PENETRATING METAL PRIMER
TWO (2) COATS ALKYD ENAMEL
1" X 1-1/2" BAR STOCK

1-1/2" OUTSIDE DIAMETER

1-1/2" OUTSIDE DIAMETER

1" X 1-1/2" BAR STOCK

CONC. FTG. 3600 PSI

CONC. FTG. 3600 PSI

HAND RAIL

PAINTING NOTE:
HAND RAILS SHALL HAVE 1 COAT PRIMER AND
TWO COATS DEVOE ALKYD ENAMEL MALAGA GREEN
DEVOE NUMBER 1UM40A OR PMS 58605

GUARDRAILS
AS REQUIRED
BY CODE

SAFETY RAIL

ELEC. HVAC/PLUMB.
HAND RAIL

PAINTING NOTE
ALL METAL SHALL BE PAINTED TO MATCH
DEVOC PAINT CO. MALAGA GREEN 1UM40A,
PMS 5605 COLOR CODE.

PAINT SCHEDULE
FERROUS METAL:
ONE (1) COAT RUST PENETRATING METAL PRIMER
TWO (2) COATS ALKYD ENAMEL
Charlotte Research Institute

Design Standards
Introduction

The Charlotte Research Institute is envisioned as a partnership between corporate Charlotte and UNC Charlotte. It will provide a clear opportunity to address a compelling need of the region and the state. Leveraging Charlotte’s existing strengths and better positioning UNC Charlotte as a major research university are crucial if Charlotte is to develop and attract the high-technology and research interests it desperately needs. (Advantage Carolina)

This Design Guideline serves as an outline of site features for the Charlotte Research Institute Campus. The Master Plan is establishing a campus that will have an urban atmosphere. The architectural style, brick walks, lighting signage and other amenities will be traditional in design. The intent is to create a visual identity that will leave a lasting impression on those who visit and work at the campus.

The following pages provide the product names and sources. Consultants who wish to make substitutions must submit photographs, specifications and justifications to the Facilities Planning Department for review early in the design process.
Brick Walk
Pine Hall Brick
English Edged Paver with Flashed Fields and Red Border
Refer to Campus Sidewalk Master Plan
Herringbone Pattern
See UNC Charlotte Sidewalk Master Plan 1997
3. Maglin Metal Bench: Color: Malaga Green

3. Metal Bench: Color: Malaga Green
Pedestrian Light Fixture

Antique Street Lamps
LT30K 150S MOG ACT GR3 TV Multi-Tap Color Fixture
Color to be Malaga Green

Pedestrian Light Post

Antique Street Lamps
PX W19 12 S4 Color Aluminum Post
Color to be Malaga Green
Stop Sign / Street Name Sign Options
Other sign types can also be mounted on posts

All Signs shall use Antique Street Lamps
Washington Series:
Post PX W17 6 F4
Stop Sign: Frame STO30P
Yield Sign: Frame STT30P
Traffic Circle: Frame STD30P
One Way: STR3612P

Post Mounted Building Sign

Signs
Similar to Decorative Ash Urn
Creates Continuity

Maglin 32 G. Receptacle

Decorative Ash Urn ($550 each)

Receptacles/Ash Urns