

5

GLOSSARY, APPENDICES & INDICES



GLOSSARY

ACRONYM	MEANING
ACHP	Advisory Council on Historic Preservation
ADA	Americans with Disabilities Act
AFIP	Armed Forces Institute of Pathology
AMI	Average Median Income
ASHRAE	American Society of Heating, Refrigeration, and Air-Conditioning Engineers
Ave	Avenue
BRAC	Base Realignment and Closure
BRT	Bus Rapid Transit
CAP	Corrective Action Plan
CCHP	Combined Cooling, Heating and Power Plant
CFR	Code of Federal Regulations
DCCAHA	District of Columbia Commission on the Arts & Humanities
DC	District of Columbia
DC SHPO	District of Columbia State Historic Preservation Office
DC Water	District of Columbia Water and Sewer Authority
DC-FEMS	District of Columbia Fire and Emergency Medical Services
DCMR	District of Columbia Municipal Regulations
DDOE	District Department of Environment
DDOH	District of Columbia Department of Health
DDOT	District Department of Transportation
DMPED	Deputy Mayor for Planning and Economic Development

ACRONYM	MEANING
DO	Development Opportunity
DOD	Department of Defense
DOIM	Directorate of Information Management
DOS	Department of State
DPW	Department of Public Works
ECP	Environmental Condition of Property
EMCS	Energy Management Control System
FHA	Federal Highway Administration
FMC	Foreign Mission Center
GSA	General Services Administration
GSF	Gross Square Feet
HAP	Homeless Assistance Providers
HOV	High-Occupancy Vehicle
HPO	Health Physics Office
hr	Hour
HUD	United States Department of Housing and Urban Development
ICC	International Chancery Center
kV	Kilovolts
LAMB	Latin American Montessori Bilingual
LBA	Legally Binding Agreement
LBC	Living Building Challenge
LBP	Lead-Based Paint
lbs	Pounds
LEED	Leadership in Energy and Environmental Design
LID	Low Impact Development

ACRONYM	MEANING
LRA	Local Redevelopment Authority
MARSSIM	Multi-Agency Radiation Survey and Site Investigation Manual
mBtu	Million British Thermal Units
mCi	milliCurie
MLS	Multiple Listing Service
ND	Neighborhood Development
NE	Northeast
NEPA	National Environmental Policy Act
NNMC	National Naval Medical Center
NOI	Notice of Interest
NW	Northwest
O&M	Operation and Maintenance
OEA	Office of Economic Adjustment
OP	Office of Planning
OZ	Office of Zoning
PBC	Public Benefit Conveyance
PCB	Poly-Chlorinated Biphenyl
PEPCO	Potomac Electric Power Company
PHC	Public Health Command
PSF	Pounds per Square Foot
PSIG	Pounds per Square Inch Gauge
PUD	Planned Unit Development
PVC	Polyvinyl Chloride
RAM	Radioactive Materials
RCC	Radiation Control Committee
RCP	Reinforced Concrete Pipe
Rd	Road

continued....



ACRONYM	MEANING
ROW	Right-of-way
RPP	Residential Parking Permits
SEP	Supplemental Environmental Project
SF	Square Feet
SOME	So Others Might Eat
St	Street
TDM	Transportation Demand Management
THC	Transitional Housing Corporation
TMP	Transportation Management Plan
US Army	United States Army
US EPA	United States Environmental Protection Agency
USAIDR	United States Army Institute of Dental Research
USAIDR	United States Army Institute of Dental Research
USCOE	United States Corps of Engineers
USGBC	United States Green Building Council
V	Volts
WMATA	Washington Metropolitan Area Transit Authority
WRAMC	Walter Reed Army Medical Center
WRNMMC	Walter Reed National Military Medical Center
ZEB	Zero Energy Building



APPENDICES

- A.** Walter Reed Army Medical Center (WRAMC) Reuse Plan 2012 (July 13, 2012)
- B.** Walter Reed Army Medical Center Re-Use - Market Study (December 2011)
- C.** Transportation Impact Study (August 15, 2012)



FIGURE LABEL INDEX

- Figure A-01: Vision and Goals 3
- Figure A-10: Integrate Sustainable Strategies. Source: Perkins+Will. 7
- Figure A-11: Urban Agriculture (example). Common Good Farm, DC. Source: <http://www.flickr.com/photos/christinboggs/sets/72157626780055856/detail/>. 7
- Figure A-12: Potential Stormwater/Water Feature (example). Tanners Springs Park, Portland, OR. Source: <http://fabulousportland.com/2010/02/19/sunshine-makes-me-happy/>. 7
- Figure A-14: Looking Northwest on Main Street. Source: Gorove Slade 10
- Figure A-15: Looking south on Georgia avenue near Fern Place Source: Gorove Slade..... 10
- Figure A-16: Looking southwest on Dahlia Street near 14th Street Source: Gorove Slade..... 10
- Figure A-17: Walter Reed Location 11
- Figure 2-18: Walter Reed Location 14
- Figure 2-19: Site Boundaries and Areas 14
- Figure 2-20: Community Workshops. Source: Perkins+Will. 16
- Figure 2-21: Goals 17
- Figure 2-22: Linear Park, Treasure Island, San Francisco 18
- Figure 2-23: Residential Mews, Treasure Island, San Francisco 18
- Figure 3-29: Aerial Photo Looking Southwest..... 26
- Figure 3-35: Historic Site Plan; undated, but prior to 1915. The heavy black line identifies The present day perimeter of the Walter Reed campus Source: Library of Congress, Evans & Bartle map of the District produced between 1892 and 1894..... 32
- Figure 3-36: 1927 Site Plan 32
- Figure 3-37: Post 1977 Historic Photo 33
- Figure 3-38: 1915 Historic Photo from Southeast..... 33
- Figure 3-39: 1915-22 Historic Aerial Photo from South 33
- Figure 3-40: Timeline diagram showing the history of the Walter Reed campus and identifying the Period of historic Significance. Source: Oehrlein & Associates Architects. 34
- Figure 3-46: All above – Building 1. Source: Perkins+Will..... 41
- Figure 3-48: View of service station following construction, dated 1942. Source: National Museum of Health and Medicine, AFIP, WRAMC History Collection..... 41
- Figure 3-49: Building 82. Source: National Museum of Health and Medicine, AFIP, WRAMC History Collection. 41
- Figure 3-47: View of front elevation of Building 82, dated May 2010. Source: Oehrlein & Associates Architects. 41
- Figure 3-53: View of Building 7, dated circa World War I. Source: Walter Reed Directorate of Public Works Archives, Box #1, Folder #12, 09-4673..... 42
- Figure 3-50: Building 7. Source: Oehrlein & Associates Architects. 42
- Figure 3-54: Building 7. Source: Oehrlein & Associates Architects. 42
- Figure 3-51: All above – Building 8 & 9. Source: Oehrlein & Associates Architects..... 42
- Figure 3-55: Historic photograph showing east elevation of the Central Heating Plant, dated October 11, 1922. Source: Walter Reed Directorate of Public Works Archives, Box#1, Folder#16. 42
- Figure 3-52: All above – Building 15. Source: Oehrlein & Associates Architects. 42

Figure 3-59: View of west elevation of Building 17, dated May 2010. Source: Oehrlein & Associates Architects.	43
Figure 3-56: View of main entrance at Building 17, dated May 2010. Source: Oehrlein & Associates Architects.	43
Figure 3-60: View of Building 11 under construction, dated April 8, 1931. Source: National Archives and Record Administration, SC 590550.	43
Figure 3-61: View of Building 11 under construction, dated May 2010. Source: Oehrlein & Associates Architects.	43
Figure 3-57: Building 11. Source: Oehrlein & Associates Architects.	43
Figure 3-58: All above – Building 45. Source: Oehrlein & Associates Architects.	43
Figure 3-62: All above – Building 6. Source: Oehrlein & Associates Architects.	44
Figure 3-63: Building 2 and the west end building 4 which is the green roof of the parking garage. Source: Perkins+Will. .	44
Figure 3-64: Parking access ramp on Georgia Avenue side of the garage. Source: Perkins+Will.	44
Figure 3-65: Parking garage interior. Source: Perkins+Will.	44
Figure 3-66: Building 2A with building 2 in the background.	45
Figure 3-69: Rear of Building 2A with building 2 on the right.	45
Figure 3-67: View of the entrance to the Child Development on the east end of building 88.	45
Figure 3-68: View of the former gymnasium and natatorium in building 88.	45
Figure 3-71: Hoff Memorial Fountain. Source Perkins+Will.	47
Figure 3-72: The Great Lawn. Source Perkins+Will.	47
Figure 3-73: The Great Lawn. Source Perkins+Will.	47
Figure 3-74: The Rose Garden in the Great Lawn. Source Perkins+Will.	47
Figure 3-78: Demand-supported program.	54
Figure 3-79: Contingent Program Summary.	55
Figure 4-88: Urban Agriculture (example). Common Good Farm, DC. Source: http://www.flickr.com/photos/christinboggs/sets/72157626780055856/detail/	71
Figure 4-89: Rain Garden in Lansing, MI. Provided by Wiles Mensch Corporation - DC.	71
Figure 4-90: Potential Stormwater/Water Feature (example). Tanners Springs Park, Portland, OR. Source: http://fabulousportland.com/2010/02/19/sunshine-makes-me-happy/	71
Figure 4-95: View looking north along Fern St. at a three-story residence just east of 13th St. Source: Perkins+Will.	77
Figure 4-98: View looking north along Fern St. at duplex homes just west of Georgia Ave. Source: Perkins+Will.	77
Figure 4-96: View looking north along Fern St. at three-story residences in between 13th St. and 12th. St. Source: Perkins+Will.	77
Figure 4-99: View looking north along Fern St. at duplex homes just west of Georgia Ave. Source: Perkins+Will.	77
Figure 4-97: View looking north along Fern St. at a two-story residence in between 13th St. and 12th. St. Source: Perkins+Will.	77
Figure 4-109: Town Center. Source: Perkins+Will and Lee & Associates, Inc.	83
Figure 4-110: View of the Town Center from across Georgia Avenue. Source: Perkins+Will and Lee & Associates, Inc.	83
Figure 4-113: 13th Street "Promenade". Source: Perkins+Will and Lee & Associates, Inc.	84
Figure 4-114: 1950's view looking north of Building 1 and 13th Street. Source: AFIP.	84
Figure 4-128: View of the axial relationships in the Institutional Core.	93
Figure 4-129: View of Building 1 from the Great Lawn.	93



Figure 4-140: View of the rose garden from the southwest. Source Lee & Associates, Inc..... 99

Figure 4-138: Existing Great Lawn / Cameron Glen. Source: Lee & Associates, Inc. 99

Figure 4-139: Pedestrian Bridge (example). Path in the forest, Kadriorg Park, Tallinn, Estonia) Source: <http://www.landezine.com/index.php/2011/12/a-path-in-the-forest-by-tetsuo-kondo-architects/> 99

Figure 4-137: Scott outdoor amphitheater at Swathmore College, PA. Source: <http://www.scottarboretum.org/gardentour/amphitheater/> 99

Figure 4-149: Urban Agriculture (example). Common Good Farm, DC. Source: <http://www.flickr.com/photos/christinboggs/sets/72157626780055856/detail/> 105

Figure 4-148: View of Creative & Arts Space. Source: Perkins+Will and Lee & Associates, Inc. 105

Figure 4-150: Potential Stormwater/Water Feature (example). Tanners Springs Park, Portland, OR. Source: <http://fabulousportland.com/2010/02/19/sunshine-makes-me-happy/> 105

Figure 4-166: Georgia Avenue Frontage Vision. Source: Perkins+Will 113

Figure 4-168: Green Breather.
Photo of healthy tree cover in the open space facing Georgia Avenue. Source: Lee & Associates, Inc. 114

Figure 4-169: Green Breather 114

Figure 4-171: Georgia Avenue Proposed Frontage. Source: Perkins+Will and Lee & Associates, Inc..... 115

Figure 4-175: Looking west on Aspen Street just east of Luzon Avenue. Provided by Gorove/Slade Associates, Inc..... 118

Figure 4-176: Looking north on Luzon Avenue at Aspen Street. Provided by Gorove/Slade Associates, Inc. 118



EXHIBIT LABEL INDEX

Exhibit A-02: Building Use Source: Perkins+Will	4
Exhibit A-03: Proposed Land Use Designations Source: Office of Planning.....	5
Exhibit A-04: Maintain the existing site character. Source: Perkins+Will.	6
Exhibit A-06: Enhance the Open Space. Source: Perkins+Will.	6
Exhibit A-08: Extend the Street Network. Source: Perkins+Will.	6
Exhibit A-05: Retain Building 1 as “The Core”. Source: Perkins+Will.	6
Exhibit A-07: Preserve Historic Elements. Source: Perkins+Will.	6
Exhibit A-09: Create vibrant, multi-modal corridors. Source: Perkins+Will.	6
Exhibit A-13: Sub-Areas. Source: Perkins+Will.	9
Exhibit 3-25: Walter Reed Location.....	22
Exhibit 3-26: Site Context Map	23
Exhibit 3-27: Neighborhood Context. Source: Perkins+Will.....	24
Exhibit 3-28: Walking Distances. Source: Perkins+Will.....	25
Exhibit 3-30: Existing Land Use Diagram Background GIS information. Source: data.dc.gov.....	27
Exhibit 3-31: Neighborhood Context Key Plan. Source: Perkins+Will.....	28
Exhibit 3-32: Fern Street - Neighborhood Context. Source: Perkins+Will.	29
Exhibit 3-33: Aspen Street - Neighborhood Context. Source: Perkins+Will.	30
Exhibit 3-34: Georgia Avenue - Neighborhood Context. Source: Perkins+Will.	31
Exhibit 3-41: Preserve Historic Elements.....	35
Exhibit 3-42: Existing Buildings on LRA Site. Source: Perkins+Will	37
Exhibit 3-43: Building Alignment.....	38
Exhibit 3-44: Intended Original Building Uses. Source Oehrlein & Associates and Perkins+Will	39
Exhibit 3-45: WRAMC Former Building Uses. Source Oehrlein & Associates and Perkins+Will	40
Exhibit 3-70: Street Pattern	46
Exhibit 4-80: Proposed Development from the Walter Reed Reuse Plan July 13, 2012 Source: Perkins+Will.....	58
Exhibit 4-81: Comprehensive Plan Land Use Designation Recommendations. Source: Office of Planning.....	61
Exhibit 4-82: Main The Existing Site Character Source: Perkins+Will.....	63
Exhibit 4-83: Retain Building 1 as “The Core”. Source: Perkins+Will.	64
Exhibit 4-84: Enhance the Open Space. Source: Perkins+Will.	65
Exhibit 4-85: Preserve Historic Elements. Source: Perkins+Will.	66
Exhibit 4-86: Extend the Street Network. Source: Perkins+Will.	67
Exhibit 4-87: Create Vibrant and Multi-modal Circulation Corridors. Source: Perkins+Will.	69
Exhibit 4-91: Sustainable Framework. Source: Perkins+Will.....	72
Exhibit 4-92: Existing site character bands as seen on the “Maintain The Existing Site Character” Planning Principle. Source: Perkins+Will	74
Exhibit 4-93: Sub-Areas. Source: Perkins+Will.	75
Exhibit 4-94: Sub-Area Key Plan - Fern Street. Source: Perkins+Will.	76
Exhibit 4-100: Sub-Area Key Plan 1. Source: Perkins+Will.	78
Exhibit 4-101: Sub-Area Plan - Fern Street. Source: Perkins+Will.	79



Exhibit 4-102: Fern Street Sub-Area Site Section. Source: Perkins+Will.	79
Exhibit 4-103: Site Section Key Plan - Fern Street. Source: Perkins+Will.	79
Exhibit 4-104: Fern Street Site Section. Source: Perkins+Will.	80
Exhibit 4-105: Street Section Key Plan - Fern Street. Source: Perkins+Will.	80
Exhibit 4-107: Vehicular Mobility - Fern Street. Source: Perkins+Will.	81
Exhibit 4-106: Pedestrian and Bicycle Mobility - Fern Street. Source: Perkins+Will.	81
Exhibit 4-108: Sub-Area Key Plan - Town Center. Source: Perkins+Will.	82
Exhibit 4-111: Sub-Area Key Plan 2. Source: Perkins+Will.	83
Exhibit 4-112: Sub-Area Key Plan 2. Source: Perkins+Will.	83
Exhibit 4-115: Sub-Area Plan 2. Source: Perkins+Will.	85
Exhibit 4-116: View of the "13th Street Promenade" and Key Plan for "Sub-Area Plan 2". Source: Perkins+Will.	85
Exhibit 4-119: Site Sections Key Plan - Town Center. Source: Perkins+Will.	86
Exhibit 4-117: Town Center Site Section. Source: Perkins+Will.	86
Exhibit 4-118: Town Center Site Section. Source: Perkins+Will.	86
Exhibit 4-120: Town Center Site Section. Source: Perkins+Will.	87
Exhibit 4-121: Town Center Site Section. Source: Perkins+Will.	87
Exhibit 4-122: A. 12th Street Section. Source: Lee & Associates, Inc.	89
Exhibit 4-123: B. 13th Street Section. Source: Lee & Associates, Inc.	89
Exhibit 4-124: Street Sections Key Plan - Town Center. Source: Perkins+Will.	89
Exhibit 4-126: Vehicular Mobility - Town Center. Source: Perkins+Will.	91
Exhibit 4-125: Pedestrian and Bicycle Mobility - Town Center. Source: Perkins+Will.	91
Exhibit 4-127: Sub-Area Key Plan - Institutional Core. Source: Perkins+Will.	92
Exhibit 4-130: Sub-Area Plan 3. Source: Perkins+Will.	94
Exhibit 4-131: Street Sections Key Plan - Institutional Core. Source: Perkins+Will.	95
Exhibit 4-133: Street Section A. Source: Perkins+Will.	95
Exhibit 4-132: Sub-Area Key Plan 3. Source: Perkins+Will.	95
Exhibit 4-135: Vehicular Mobility - Institutional Core. Source: Perkins+Will.	97
Exhibit 4-134: Pedestrian and Bicycle Mobility - Institutional Core. Source: Perkins+Will.	97
Exhibit 4-136: Sub-Area Key Plan - Cameron Glen ~ Great Lawn. Source: Perkins+Will.	98
Exhibit 4-141: Sub-Area Plan 4. Source: Perkins+Will.	101
Exhibit 4-143: Sub-Area Plan 4. Source: Perkins+Will.	101
Exhibit 4-142: Sub-Area Key Plan 4. Source: Perkins+Will.	101
Exhibit 4-144: Street Sections Key Plan - Cameron Glen. Source: Perkins+Will.	101
Exhibit 4-146: Vehicular Mobility - Cameron Glen. Source: Perkins+Will.	103
Exhibit 4-145: Pedestrian and Bicycle Mobility - Cameron Glen. Source: Perkins+Will.	103
Exhibit 4-147: Sub-Area Key Plan - Aspen Street. Source: Perkins+Will.	104
Exhibit 4-151: Sub-Area Key Plan 2. Source: Perkins+Will.	105
Exhibit 4-152: Sub-Area Plan 5. Source: Perkins+Will.	106
Exhibit 4-153: Sub-Area Key Plan 5. Source: Perkins+Will.	106
Exhibit 4-154: Looking south along Aspen Street: (From left to right / east to west) Four-story multi-family housing adjacent	



to Open Space in the middle, and three-story single-family homes on the far right. Source: Perkins+Will.	107
Exhibit 4-155: Looking south along Aspen Street: View of the back of single-family homes in between Luzon Avenue and 13th St.	107
Exhibit 4-156: Looking south along Aspen Street: View of the front of single-family homes just east of 14th Place.....	107
Exhibit 4-157: Looking south along Aspen Street: View of the front of four-story multi-family housing just west of 14th St.	107
Exhibit 4-158: Aspen Street Section. Source: Perkins+Will.	109
Exhibit 4-159: Aspen Street Section. Source: Perkins+Will.	109
Exhibit 4-160: Street Sections Key Plan - Aspen Street. Source: Perkins+Will.....	109
Exhibit 4-162: Vehicular Mobility - Aspen Street. Source: Perkins+Will.	111
Exhibit 4-161: Pedestrian and Bicycle Mobility - Aspen Street. Source: Perkins+Will.	111
Exhibit 4-165: Georgia Ave. Townhomes. Source: Perkins+Will.	112
Exhibit 4-164: Multifamily Apartment Building on Georgia Ave. Source: Perkins+Will.	112
Exhibit 4-163: The Normandie Apartments on Georgia Ave. Source: Perkins+Will.	112
Exhibit 4-167: Sub-Area Key Plan - Georgia Avenue Frontage. Source: Perkins+Will.	113
Exhibit 4-170: Sub-Area Key Plan - Georgia Avenue Frontage. Source: Perkins+Will.	114
Exhibit 4-172: Sub-Area Key Plan 2. Source: Perkins+Will.	115
Exhibit 4-173: Georgia Avenue Section. Source: Lee & Associates, Inc.	117
Exhibit 4-174: Street Sections Key Plan - Georgia Avenue. Source: Perkins+Will.	117
Exhibit 4-177: Existing Transit Service.....	120
Exhibit 4-178: Bicycle Recommendations with proposed plan. Source: DDOT, Gorove/Slade.....	123
Exhibit 4-179: Parking Plan Source: Perkins+Will.	127



TABLE LABEL INDEX

Table 2-24: Sustainability Goals for WRAMC	19
Table 3-75: Nearby Transit Services. Source: Gorove/Slade	50
Table 3-76: Median Household Income Trends (2010 Dollars)	53
Table 3-77: Population Growth Trends.....	53
Table 5-180: Implementation Table. Source: Office of Planning.....	131



