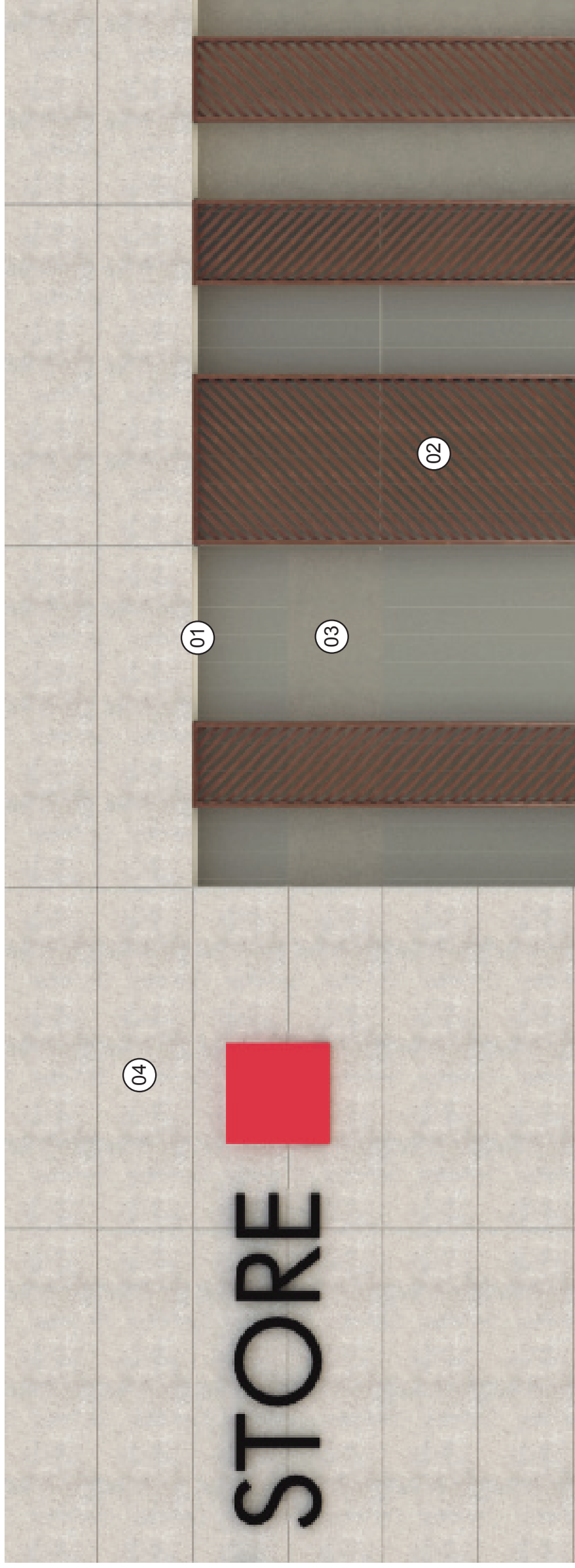
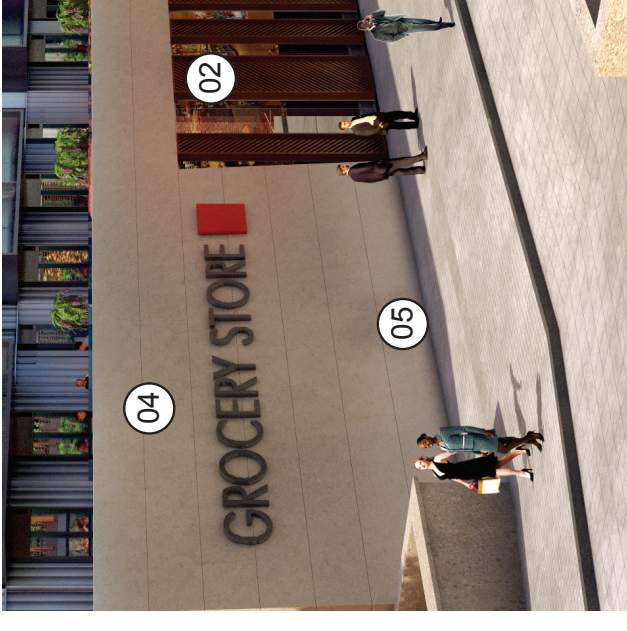


- 01 ALUMINUM STOREFRONT SYSTEM
- 02 WOOD-CLAD SLIDING SCREEN
- 03 GLASS
- 04 LIMESTONE
- 05 GRANITE BASE

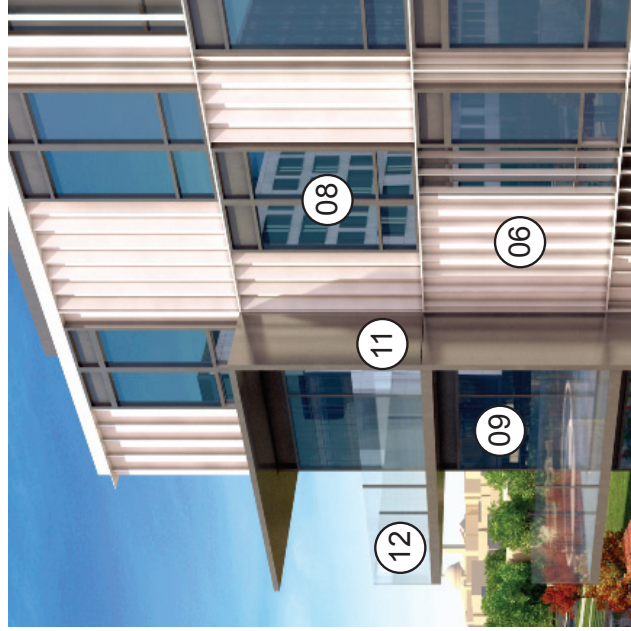


NOTES:

1. Flexibility is requested to vary the final selection of the exterior materials within the color ranges and general material types proposed, based on availability at the time of construction without reducing the quality of materials.
2. Flexibility is requested to make minor refinements to exterior details and dimensions, including belt courses, sills, bases, cornices, railings and trim, or any other changes to comply with the building codes or that are otherwise necessary to obtain a final building permit.



RESIDENTIAL COMPONENT MATERIALS



- WHITE METAL FACADE SYSTEM (06)
- WHITE METAL LOUVER (07)
- ALUMINUM FRAME WINDOW (08)
- GLASS WITH LOW-E COATING (09)
- SPANDREL GLASS (10)
- CHARCOAL-COLORED METAL PANEL (11)
- BALCONY RAILING SYSTEM (12)



NOTES:

1. Flexibility is requested to vary the final selection of the exterior materials within the color ranges and general material types proposed, based on availability at the time of construction without reducing the quality of materials.
2. Flexibility is requested to make minor refinements to exterior details and dimensions, including belt courses, sills, bases, cornices, railings and trim, or any other changes to comply with the building codes or that are otherwise necessary to obtain a final building permit.

GREEN COMMUNITIES PROJECT OVERVIEW WORKSHEET			
Project Name	McMillan	Organization Name	MV&A Architects
Project Address	North Capitol Street	Organization Contact	James Voelzke
Project Status	Schematic	Date	13-Nov-13
<b>PROJECT OVERVIEW WORKSHEET:</b> This document provides a brief overview of the building, including major systems. It is considered a quick way to assess the context in which the Green Communities criteria will be implemented. Please provide the basic building information as requested below.			
This worksheet must be filled out and submitted before the construction start date. For additional information on how to submit go to <a href="http://www.greencommunitiesonline.org/tools/certification/">www.greencommunitiesonline.org/tools/certification/</a>			
**Gray text within the spreadsheet indicates the type of information that could occupy that cell. It is not intended to be left in your final submission documents.			

Building Overview			
BUILDING ENVELOPE	Primary Envelope Material	Metal Panel	
	Foundation	N/A - Foundation is in commercial section - assume Green Communities does not apply	
	Wall(s)	Residential portion - R13 required for wood frame, min R19 provided for opaque walls	
	Roof	Thermoplastic membrane roofing on wood trusses - R38 min. required / provided	
	Windows	Residential windows, U = 0.34, air infiltration rate 0.1 cfm / sf, SHGC = 0.38	
	Doors	Residential Doors, U=0.39, air infiltration rate = 0.1 cfm / sf	
MECHANICAL SYSTEMS		System Type	Fuel Type
	Heating System	Air Source Heat Pump	Electricity
	Cooling System	Air Source Heat Pump	Electricity
	Hot Water	Stand Alone Individual Tank	Electricity
	Alternative Water Sources	If applicable, please identify any systems for alternative water sources and the expected volume to subsidize municipal supply	
Ventilation	Please identify systems and measures as required by your building code to ensure proper indoor air quality		

Building Data	
Tenancy	n/a
Current occupancy percentage	n/a
Year of Most Recent Substantial Rehabilitation or Adaptive Reuse	
Does the building contain the following?	
Hallways/lobbies/stairwells	Yes
Elevator	Yes
Community room(s)	Yes
Basement	Yes
Laundry room(s)	No
Office(s)	Yes
Commercial kitchen	No
Exercise room	Yes
Swimming pool	Yes
Parking garage (indoor)	Yes
Parking lot (outdoor)	No
Irrigated Lawn/Landscaping	Yes
Retail Space(s)	Yes
Who pays tenant electricity, cooling, heating and hot water?	Tenant
Electric Meter Type	Master w/ sub meters
Natural Gas Meter Type	Master w/ sub meters
Water Meter Type	Master w/ sub meters
Fuel for Clothes Dryers	Electric
Number of units w/ in-unit laundry	TBD
Total number of common laundry rooms	0
Total number of elevators	TBD

Building Code(s) and applicable Green Building/Public Incentive Programs	
Enter the Building Code(s), Energy Code, Green Building Standard(s), and/or Public Incentive program you are required to build in compliance with.	
Building Code	IBC 2212
Energy Code	IEC 2012 Energy Code
Green Building standard	Green Communities
Public Incentive program	



**INSTRUCTIONS:**

1) Select an answer provided in the drop-down menu under Column D ("How Criterion will be implemented") for each criterion.

2) Explain special circumstances or request a waiver using Column E ("If necessary, describe deviations from intended approach"). This may include information on an approach proposed by the project team that does not appear as an option in the drop-down menu.

3) Indicate where the Criterion references can be found within the project documents in Column F and G ("Criteria Documentation"). This is required for Criterion 1.1b.

4) Indicate the project team member who is responsible for documenting and ensuring the completion of the Criterion under Column H ("Champion").

5) Indicate the number of optional points being pursued by completing Column I ("Intended Points").

6) Complete by signing the Green Development Agreement at the bottom of this worksheet, which identifies the responsibilities of each project member by Green Communities Criteria category.

\*\*Gray text within the spreadsheet (under "Green Development Agreement" section at bottom) indicates the type of information that could occupy that cell. It is not intended to be left in your final submission documents.

Project Name	McMillan
Project Address	North Capitol Street
Project Status	Schematic
Organization Name	MV&A Architects
Organization Contact	James Voelzke
Date	11/13/2013

**INTENDED METHODS WORKSHEET:** This worksheet identifies how the project team intends to incorporate all the Mandatory and adequate number of Optional Criteria into the development.

This worksheet must be filled out and submitted before the construction start date. For additional information on how to submit go to [www.greencommunitiesonline.org/tools/certification/](http://www.greencommunitiesonline.org/tools/certification/)

**1: INTEGRATIVE DESIGN**

Criteria Item	How Criterion will be implemented	Criteria Documentation	Location of Measure in Project Documents	Spec page number / plan type for locating measure	Champion	Intended Points
1.1a	The project team has conducted one or more integrative design meetings and submitted a Green Development Plan or equivalent design documentation.	Integrated Team Meetings and a Community Charrette have been conducted.	Project Plans	Green Building Specialist	M	
1.1b	The project team will create design and construction documentation (i.e. plans, details, and specifications) to include information on implementation of appropriate Enterprise Green Communities Criteria.	Documentation is in development.	Project Plans and Specifications	Green Building Specialist	M	
1.2a	The project team designed a minimum of 15% of the dwelling units in accordance with ICC/ANSI A117.1, Type A, Fully Accessible guidelines, and the remaining ground floor units and elevator-reachable units with ICC/ANSI A117.1, Type B.	Project is not a rehab.	Project Plans and Specifications	Architect	2	
1.2b	Universal Design (Substantial & Moderate Rehab only)	Project is not a rehab.			0	

**2: LOCATION + NEIGHBORHOOD FABRIC**

Criteria Item	How Criterion will be implemented	Criteria Documentation	Location of Measure in Project Documents	Spec page number / plan type for locating measure	Champion	Intended Points
2.1	New development will not be within 100 feet of wetlands, on prime soils, on public parkland, on critical habitat, on the 100 year floodplain, or be on a slope greater than 15%.	Site does not have any prohibited characteristics.	Project Plans	Civil sheet 3 of 36	Project Manager	M
2.2	The project is located on a site with access to existing roads, water, sewers, and other infrastructure (having at least 25% of the perimeter bordering) to existing development, connected to the pedestrian grid, and meeting the septic tank requirements.	Site located with adequate connections to infrastructure.	Project Plans	Civil Drawings	Engineer (MEP)	M
2.3	Provide the net density and net density calculation for the project.	Density is approx. 130 units/acre, exceeding the criteria.	Project Plans	CS-10	Architect	M
2.4	Provide the net density and net density calculation for the project.	Density is approx. 130 units/acre, exceeding the criteria of 15/acre.	Project Plans	CS-10	Architect	5
2.5	Urban/Small City location: Project is 0.25-mile walk distance of at least two, or a 0.5-mile walk distance of at least 4 facilities.	TBD	Scope of Work	CS-10	Architect	M
2.6	The project has a set aside of a minimum 10% of the total project acreage as open space for residents.	Open space calculations show 10% of open space after taking off courtyards, pool deck and balcony terrace.	Project Plans	CS-10	Architect	M
2.7	Open Space	TBD	Project Plans	CS-10	Architect	1
2.8	Access to Public Transportation	Provide a brief narrative that summarizes the location, quantity and type of public transportation choices around project site.	Project Plans	CS-10	Architect	5
2.9	Walkable Neighborhoods: Connections to Surrounding Neighborhood	Provide summary of the project's sidewalk and pathway connections to public spaces, open spaces or adjacent development.	Project Plans	N/A		0
2.10	Smart Site Location: Passive Solar Heating / Cooling	Provide a brief narrative that describe passive solar heating/cooling tactics.	Project Plans	N/A		0
2.11	Brownfield or Adaptive Reuse Site	The project is located on an adaptive reuse site.	Project Plans	N/A		0
2.12	Access to Fresh, Local Foods	The project will meet the requirements of Option 2: Community-Supported Agriculture.	Project Plans	CS-10	Project Manager	6
2.13	LEED for Neighborhood Development certification	The project is located in a Stage 2 Pre-Certified LEED for Neighborhood Development plan.	Project Plans	N/A		0

**3: SITE IMPROVEMENTS**

Criteria Item	How Criterion will be implemented	Criteria Documentation	Location of Measure in Project Documents	Spec page number / plan type for locating measure	Champion	Intended Points
3.1	Environmental Remediation	Erosion and Sediment Control measures have been implemented.	Project Plans	N/A	Green Building Specialist	M
3.2	Erosion and Sedimentation Control (Except for Infill sites with buildable area smaller than one acre)	Site will implement EPA's BMP for erosion control at least including measures listed in the criteria.	Project Plans	Civil sheets	Engineer (MEP)	M
3.3	Low Impact Development (New Construction only)	The Architect or Landscape Architect will provide certified tree or plant list showing at least 50% of the site area available for landscaping is planted with native or adaptive species.	Project Plans	Landscape Drawings		M
3.4	Landscaping	The Architect or Landscape Architect will provide certified tree or plant list showing at least 50% of the site area available for landscaping is planted with native or adaptive species.	Project Plans	Landscape Drawings	Landscape Architect	M
3.5	Efficient Irrigation and Water Reuse	Provide a brief narrative describing type of irrigation systems to be implemented.	Project Plans	Project Plans		M
3.6	Surface Stormwater Management	Provide a brief narrative of the design strategies and systems that will be implemented, and indicate the calculated volume of water being retained, infiltrated, or harvested on site.	Project Plans	Project Plans	Engineer (MEP)	0

**4: WATER CONSERVATION**

Criteria Item	How Criterion will be implemented	Criteria Documentation	Location of Measure in Project Documents	Spec page number / plan type for locating measure	Champion	Intended Points
		If necessary, provide additional information or explanation of alternative approach to meeting this measure.				
		If necessary, provide additional information or explanation of alternative approach to meeting this measure.				

Criteria Item	How Criterion will be implemented	Information or explanation of alternative approach to meeting this measure	Location of Measure in Project Documents	Spec page number / plan type for locating measure	Champion	Intended Points
4.1	Water-Conserving Fixtures	Project will specify toilets at 1.28 gpf or less, urinals at .5 gpf or less, bathroom faucets at 1.5 gpm or less, and showerheads and kitchen faucets at 2.0 gpm or less	Project Documents	N/A	Engineer (MEP)	M
4.2	Advanced Water-Conserving Appliances and Fixtures		Project Plans		Engineer (MEP)	0
4.3	Water Reuse	The project will install a system to harvest, treat, and reuse rainwater or greywater to provide portion of the project's water needs The project will install a system to harvest, treat, and reuse rainwater or greywater to provide portion of the project's water needs Tank will be used as make-up water for Collected water from underground SWM	Project Documents		Engineer (MEP)	1

Criteria Item	How Criterion will be implemented	Information or explanation of alternative approach to meeting this measure	Location of Measure in Project Documents	Spec page number / plan type for locating measure	Champion	Intended Points
5.1a	Building Performance Standard: Single Family & Multifamily, 3 stories or fewer (New Construction Only)	The project will certify under ENERGY STAR New Homes version 2, 2.5, or 3	Project Plans and Specifications	Mech. Series		M
5.1b	Building Performance Standard: Multifamily, 4 stories or more (New Construction Only)	The project was permitted prior to January 1, 2012 and will meet the guidelines of the ENERGY STAR Multifamily High-Rise program		N/A	Energy System Specialist	M
5.1c	Building Performance Standard: Single Family & Multifamily, 3 stories or fewer (Substantial and Moderate Rehab)	The project is not a single-family or multifamily (three stories or fewer) rehabilitation		N/A		M
5.1d	Building Performance Standard: Multifamily, 4 stories or more (Substantial and Moderate Rehab)	The project is not a multifamily (four stories or more) rehabilitation		N/A		M
5.2	Energy Use	The project will achieve additional optional points by reducing energy consumption in addition to the mandatory appropriate building performance standard	Project Plans and Specifications	Mech. Series	Energy System Specialist	0
5.3	Sizing of Heating and Cooling Equipment and Ducts	Heating and cooling equipment will be sized in accordance with the ACCA manual, Parts J and S, or ASHRAE handbooks	Specifications	INTERIOR DSN series	Engineer (MEP)	M
5.4	ENERGY STAR Appliances	The project will install Energy Star-rated clothes washers, dishwashers, and refrigerators	Specifications	INTERIOR DSN series	Engineer (MEP)	M
5.5a	Efficient Lighting: Interior Units	Project will follow the following the ENERGY STAR Multifamily High-Rise guidelines	Specifications	INTERIOR DSN series	Engineer (MEP)	M
5.5b	Efficient Lighting: Common Areas and Emergency Lighting (all multifamily projects)	Project is following the ENERGY STAR Multifamily High-Rise prescriptive path and will install fixtures that meet the guidelines	Project Plans	Electrical drawing E002	Engineer (MEP)	M
5.5c	Efficient Lighting: Exterior	Project will follow the following the ENERGY STAR Multifamily High-Rise guidelines	Project Plans	Electrical drawing E500	Engineer (MEP)	M
5.6a	Electricity Meter (New Construction and Substantial Rehab Only)	Individual or sub-meters will be installed in all dwelling units		N/A	Engineer (MEP)	M
5.6b	Electricity Meter (Moderate Rehab Only)	N/A - not a rehab.		N/A		0
5.7a	Renewable Energy	Provide brief narrative describing the types of renewable energy system installed and the estimated percentage of energy it will provide for the overall energy demand of the project		N/A		0
5.7b	Photovoltaic / Solar Hot Water Ready	Project will site, design, engineer, and wire the project to accommodate the installation of smart meters and/or be able to interface with smart grid systems in the future	Project Plans and Specifications		Architect	0
5.8	Advanced Metering Infrastructure	Project will site, design, engineer, and wire the project to accommodate the installation of smart meters and/or be able to interface with smart grid systems in the future			Engineer (MEP)	5

Criteria Item	How Criterion will be implemented	Information or explanation of alternative approach to meeting this measure	Location of Measure in Project Documents	Spec page number / plan type for locating measure	Champion	Intended Points
6.1	Low / No VOC Paints and Primers	All interior paints and primers will meet the MFL and Green Seal standards for VOCs, based on the list provided in the Criteria	Project Plans and Specifications	Spec 01-8119 Indoor Air Quality Requirements; ID8-10 Finish Schedule	Green Building Specialist	M
6.2	Low / No VOC Adhesives and Sealants	All adhesives will comply with Rule 168 of the South Coast Air Quality Management District. All caulks and sealants will comply with Regulation 8, Rule 51 of the Bay Area Air Quality Management District (BAAQMD)	Project Plans and Specifications	Spec 01-8119 Indoor Air Quality Requirements; Drawings ID8-10 and 11	Green Building Specialist	M
6.3	Construction Waste Management	Provide a brief narrative that lists the materials in the Construction Waste Management Plan, the % recycled, salvaged, or diverted and the strategies to do so	Specifications	Spec 01-7419 Construction Waste Management - section 1.03, pg 2	General Contractor	M
6.4	Construction Waste Management: Optional	Provide a brief narrative that lists the materials in the Construction Waste Management Plan, the % recycled, salvaged, or diverted and the strategies to do so	Specifications	Spec 01-7419 Construction Waste Management - section 1.03, pg 2-3	General Contractor	3
6.5	Recycling Storage for Multifamily Project	The project will provide a dedicated, permanent, and accessible area for the collection and storage of materials for recycling	Project Plans	Arch. DWG	Architect	5
6.6	Recycled Content Material	Provide a brief narrative that summarizes the building materials made of recycled content material	Project Plans and Specifications	Spec 01-8113 Sustainable Design Requirements	General Contractor	1
6.7	Regional Material Selection	The project will use products that are extracted, processed, and manufactured within 500 miles of the project for a minimum of 50%, based on cost, of the building materials' value	Project Plans and Specifications	Spec 01-8113 Sustainable Design Requirements	General Contractor	4
6.8	Certified, Salvaged and Engineered Wood Products			N/A	General Contractor	0
6.9a	Reducing Heat-Island Effect: Roofing	The project will use ENERGY STAR compliant roofing	Specifications	spec 07-5400 Thermoplastic Membrane Roofing	Architect	3
6.9b	Reducing Heat-Island Effect: Paving	The project will use materials with a solar reflectance of 0.3, over at least 50% of the site's hardscape area		N/A	Landscape Architect	0

Criteria Item	How Criterion will be implemented	Information or explanation of alternative approach to meeting this measure	Location of Measure in Project Documents	Spec page number / plan type for locating measure	Champion	Intended Points
7: HEALTHY LIVING ENVIRONMENT						16

**GREEN COMMUNITIES COST DEVELOPMENT WORKSHEET**

Project Name: McMillan      Organization Name: MV&A Architects  
 Project Address: North Capitol Street      Organization Contact: James Voelzke  
 Project Status: Schematic      Date: 11/13/2013

**COST DEVELOPMENT WORKSHEET:** This worksheet is a tool for project teams to track cost data at the criterion level. Within the tool below, please specify the costs incurred in satisfying the Green Communities Criteria to the best of your ability. This information will assist Enterprise Green Communities evaluate the costs and

This worksheet must be filled out and submitted within 60 days after completing construction. For additional information on how to submit go to [www.greencommunitiesonline.org/tools/certification/](http://www.greencommunitiesonline.org/tools/certification/)

**INSTRUCTIONS:**

**COST DATA COLLECTION:**

- 1) For each cost provided, please identify in Column E ("Cost Category") the category these costs pertain to: Design, Construction or Verification/Certification Costs. If total cost includes 2) The applicant should complete Column E ("Estimated Cost") during the development phase.
- 3) The applicant should complete Column F ("Actual Cost") after construction has been completed, as a way to compare the estimated versus actual costs.
- 4) Column G ("Calculated Incremental Cost") contains a formula and will automatically calculate the difference between estimated and actual costs.

**1: INTEGRATIVE DESIGN**

Criteria Item	Cost Category	Estimated Cost	Actual Cost	Calculated Incremental Cost	Intended Points
1.1a Green Development Plan: Integrative Design Meeting(s)		\$0.00	\$0.00	\$0.00	M
1.1b Green Development Plan: Criteria Documentation		\$0.00	\$0.00	\$0.00	M
1.2a Universal Design (New Construction only)		\$0.00	\$0.00	\$0.00	2
1.2b Universal Design (Substantial & Moderate Rehab only)		\$0.00	\$0.00	\$0.00	0
					<b>2</b> Intended Points

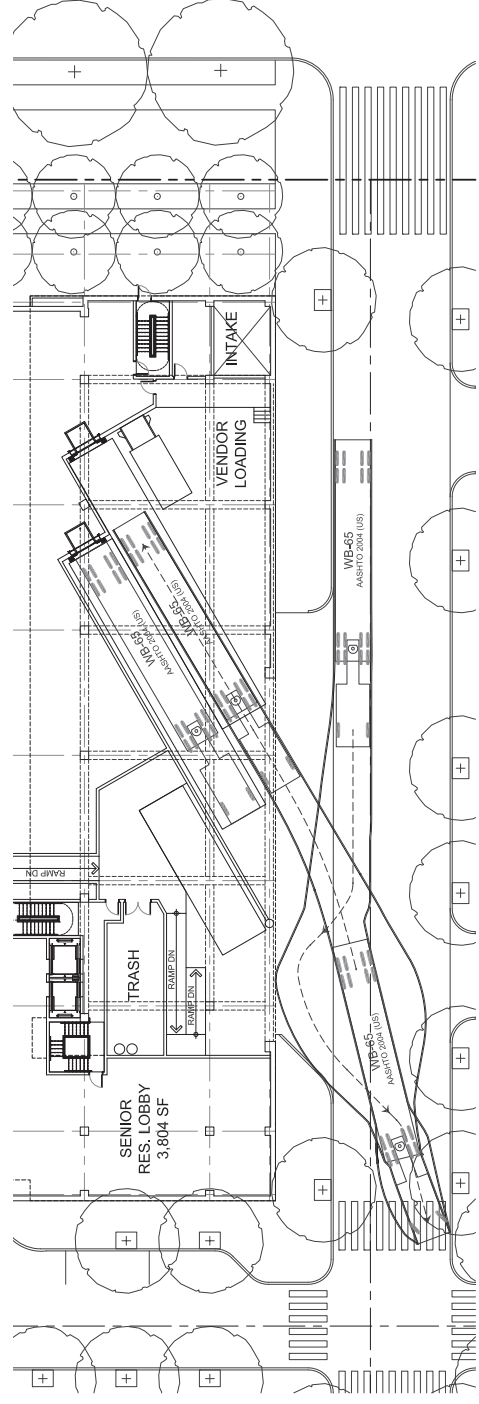
**2: LOCATION + NEIGHBORHOOD FABRIC**

Criteria Item	Cost Category	Estimated Cost	Actual Cost	Calculated Incremental Cost	Intended Points
2.1 Site Sensitive Selection (New Construction Only)		\$0.00	\$0.00	\$0.00	M
2.2 Connections to Existing Development and Infrastructure (New Construction only, except for projects located on rural tribal lands, in colonias communities, or in communities of population less than 10,000)		\$0.00	\$0.00	\$0.00	M
2.3 Compact Development (New Construction Only)		\$0.00	\$0.00	\$0.00	M
2.4 Compact Development		\$0.00	\$0.00	\$0.00	5
2.5 Proximity to Services (New Construction only)		\$0.00	\$0.00	\$0.00	M
2.6 Preservation of and Access to Open Space		\$0.00	\$0.00	\$0.00	M
2.7 Preservation of and Access to Open Space		\$0.00	\$0.00	\$0.00	1
2.8 Access to Public Transportation		\$0.00	\$0.00	\$0.00	5
2.9 Walkable Neighborhoods: Connections to Surrounding Neighborhood		\$0.00	\$0.00	\$0.00	0
2.10 Smart Site Location: Passive Solar Heating / Cooling		\$0.00	\$0.00	\$0.00	0
2.11 Brownfield or Adaptive Reuse Site		\$0.00	\$0.00	\$0.00	0
2.12 Access to Fresh, Local Foods		\$0.00	\$0.00	\$0.00	6
2.13 LEED for Neighborhood Development certification		\$0.00	\$0.00	\$0.00	0
					<b>17</b> Intended Points

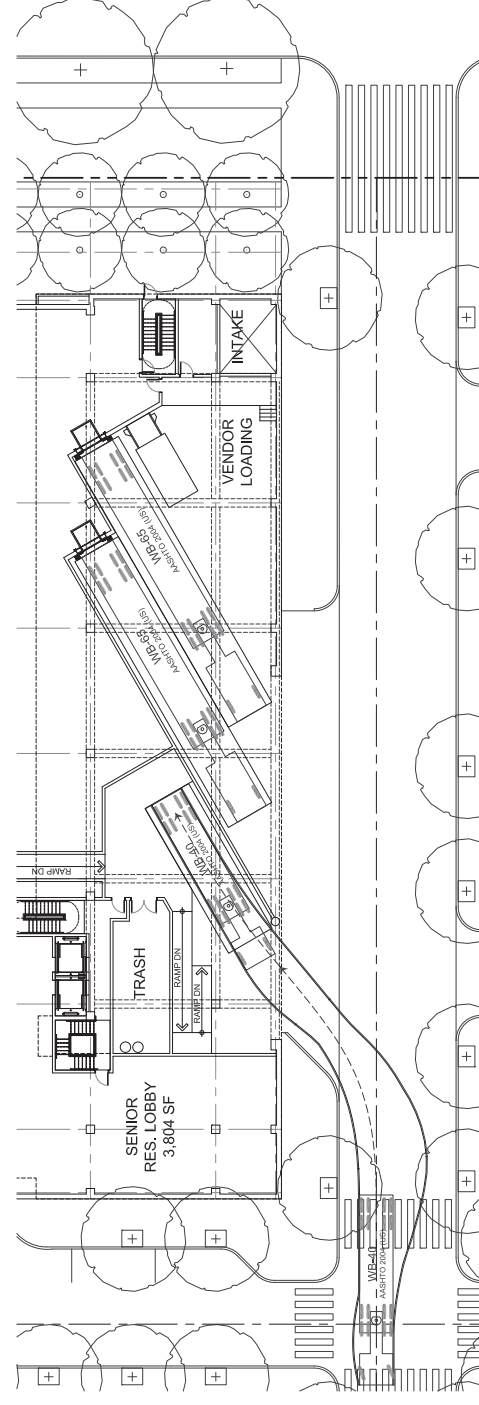
**3: SITE IMPROVEMENTS**

Criteria Item	Cost Category	Estimated Cost	Actual Cost	Calculated Incremental Cost	Intended Points
3.1 Environmental Remediation		\$0.00	\$0.00	\$0.00	M
3.2 Erosion and Sedimentation Control (Except for infill sites with buildable area smaller than one acre)		\$0.00	\$0.00	\$0.00	M
3.3 Low Impact Development (New Construction only)		\$0.00	\$0.00	\$0.00	M
3.4 Landscaping		\$0.00	\$0.00	\$0.00	M
3.5 Efficient Irrigation and Water Reuse		\$0.00	\$0.00	\$0.00	M
3.6 Surface Stormwater Management		\$0.00	\$0.00	\$0.00	0
					<b>0</b> Intended Points

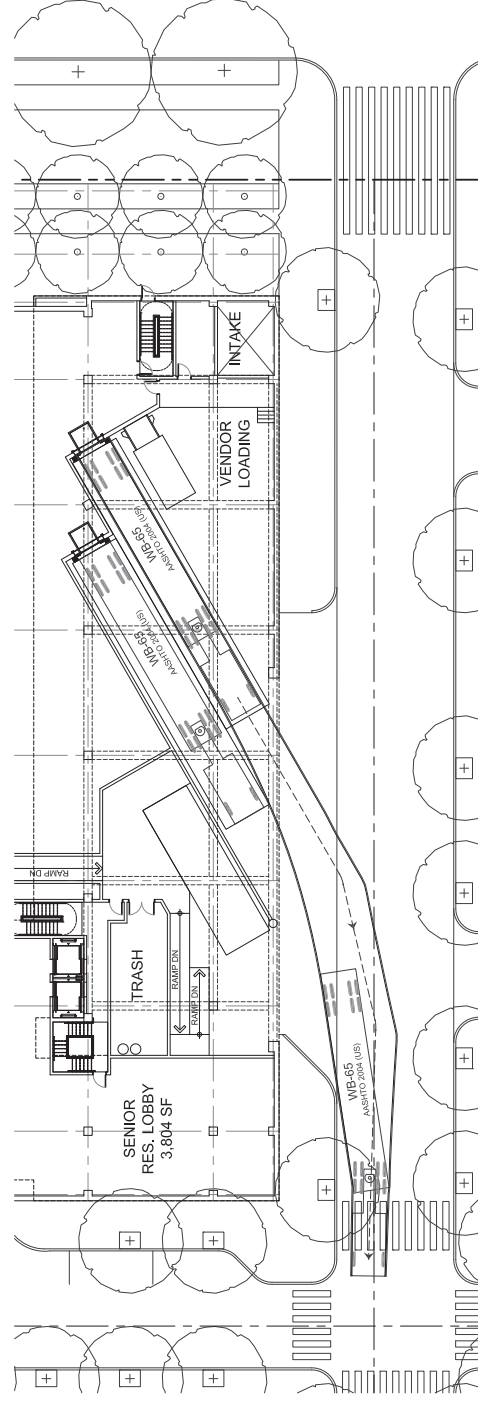




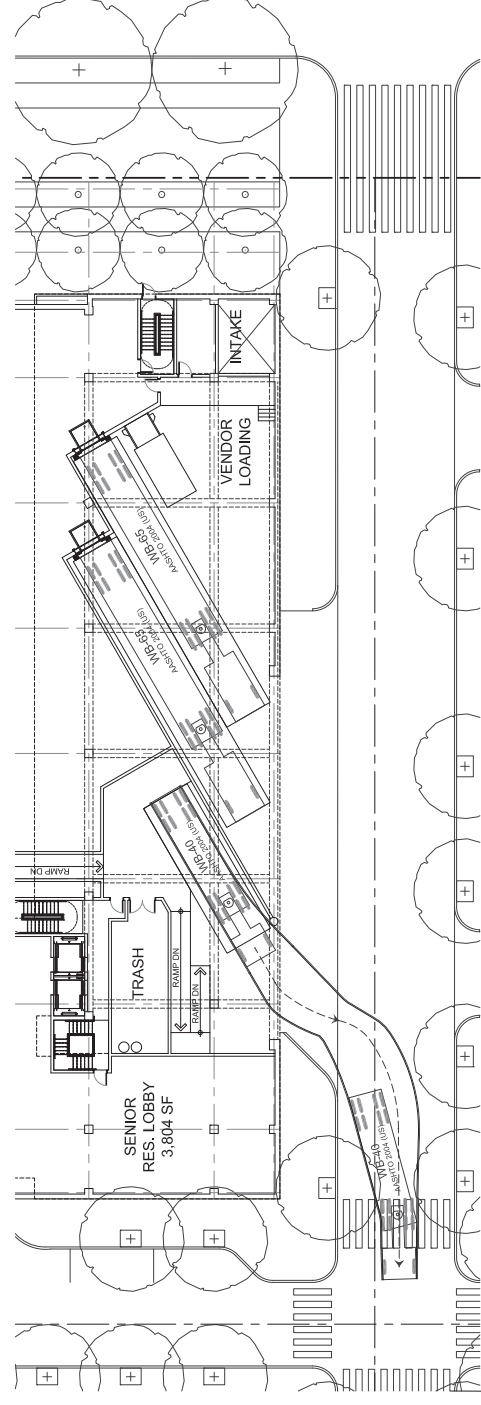
Grocery In



Residential In



Grocery Out



Residential Out