HOME, AGAIN

A SUBMITTAL FOR :
BEARDEN PLACE: A HOUSING COMPETITION IN THE "ARTISTS' CORE"

"HOME, AGAIN" is a modern variation of a symbolic form. The beginning of the proposed design started when we first learned how to draw a house. The standard pitched roof, with a door and two windows that kids learn to draw at an early age has been stripped of the interior and front façade, and then split down the middle making two homes. Modern materials and techniques along with sustainable ideas are then used throughout the project's design and open floor plan.

Project Type:	Multi-Family
Zoning:	R4
Finished (1st, 2nd, Flex) SF:	1500
Unfinished (basement) SF:	500

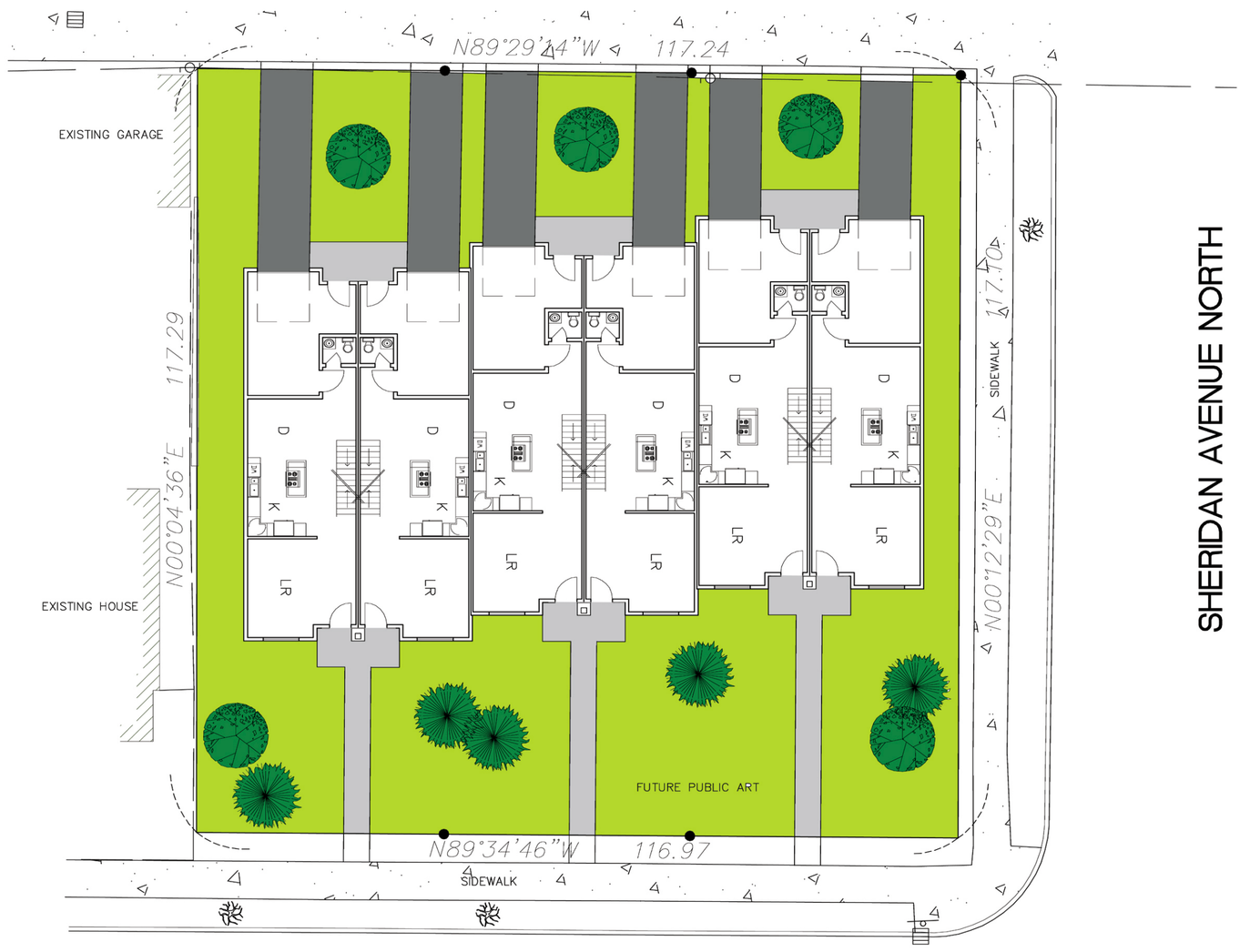
Site Work & General Requirements	
Building Permit and Other Fees	$8,494
Execavation, Foundation and Backfill	$12,061
Landscaping and Sodding	$5,436
Driveway/Paving	$3,567

Building Shell	
Framing and Trusses	$28,029
Concrete	$6,285
Sheathing	$2,888
Stairs	$1,359
Roof Shingles	$6,455
Siding	$9,853
Gutters and Downspouts	$680

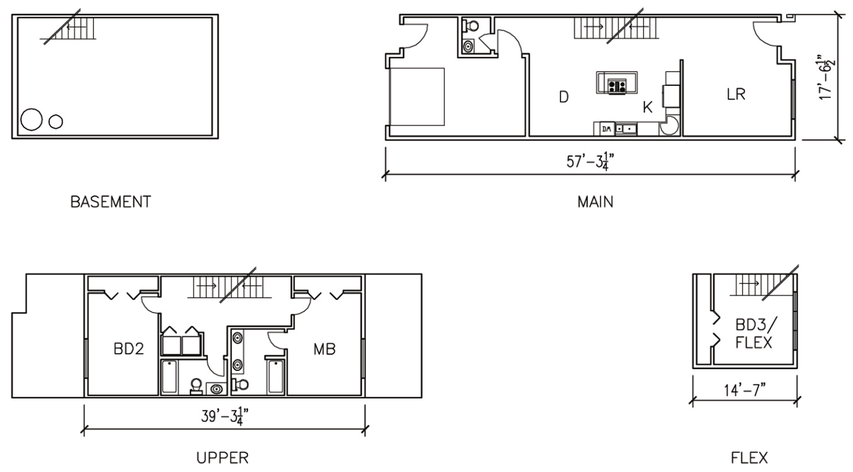
Building Finishes	
Doors and Windows	$8,834
Cabinets and Countertops	$9,513
Appliances	$2,718
Insulation	$2,548
Drywall	$8,664
Painting	$5,776
Tiles and Carpet	$8,664
Trim Material	$5,606

Plumbing	$10,702
Elecrical	$11,552
HVAC	$10,193

TOTAL	**$169,875**



PLYMOUTH AVENUE NORTH SITE PLANS SCALE 1/16" =1-'0"



FLOOR PLANS SCALE 1/16" =1-'0"

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MN GreenStar New Homes Checklist
VERSION 1.0 05/05/08

SF: 1500

ID NUMBER	DESCRIPTION	POINTS CATEGORIES EE	RE	IEQ	WC	SC	TOTAL
0	OVERALL REQUIREMENTS						
0PR --	Prerequisites						
1	PRECONSTRUCTION DESIGN STRATEGIES	12	2	2	2	3	21
1PR --	Prerequisites						
1A --	Integrated Project Team	2	2	2	2	2	10
1B--	Design	10	0	0	0	1	11
2	Location	0	0	0	0	21	21
2A--	Development Certification	0	0	0	0	0	0
2B--	Site Selection	0	0	0	0	7	7
2C--	Infrastructure	0	0	0	0	3	3
2D--	Community, Transportation & Open Space	0	0	0	0	11	11
3	Site and Landscape	4	6	1	13	18	42
3PR --	Prerequisites						
3A--	Soil and Permeability	0	0	0	0	2	2
3B --	Planting/Trees	4	0	0	2	2	8
3C --	Irrigation	0	0	1	4	0	5
3D --	Decks, Patios and Porches	0	3	0	0	2	5
3E --	Erosion Control	0	0	0	0	4	4
3F --	Rainwater Harvest	0	0	0	7	7	14
3G --	Grading/Drainage	0	3	0	0	1	4
4	High Performance Floor, Wall, Ceiling & Roof	30	23	3	0	2	58
4PR --	Prerequisites						
4A --	PERFORMANCE TESTING	3	0	0	0	0	3
4B --	New Foundations, Crawlspaces & Slab Floor Assemblies	6	6	2	0	1	15
4C --	New Exterior Walls Above Grade, All New Non-Slab (framed) Floors, All New Interior Partition Walls & All New Ceilnqs	10	5	1	0	2	18
4D --	New Windows, Skylights & Doors	6	5	0	0	0	11
4E --	New Attics & Roofs	5	7	0	0	-1	11
5	MECHANICALS	15	7	14	0	5	41
5PR --	Prerequisites						
5A --	Ventilation and Fresh Air for Occupants	4	4	9	0	0	17
5B --	Moisture and Relative Humidity	-1	1	2	0	0	2
5C --	HVAC DISTRIBUTION STRATEGIES	7	2	3	0	0	12
5D --	Heating and Cooling Equipment	5	0	0	0	5	10
5E --	Miscellaneous Mechanical	0	0	0	0	0	0
6	ELECTRICAL	25	6	6	0	8	45
6PR --	Prerequisites						
6A --	Appliances	0	0	0	0	0	0
6B --	Fans, Fixtures and Lights	25	5	0	0	8	38
6C --	Wiring	0	1	5	0	0	6
6D--	Electrical Systems	0	0	1	0	0	1
7	WATER - PLUMBING, SYSTEMS AND FIXTURES	0	1	1	13	1	16
7PR --	Prerequisites						
7A --	Equipment	0	0	0	0	0	0
7B--	Fixtures	0	0	0	13	0	13
7C--	Piping	0	1	1	0	1	3
7D--	Water Systems	0	0	0	0	0	0
8	FINISH MATERIALS AND COATINGS	2	0	16	0	3	21
8PR --	Prerequisites						
8A --	Wall Coverings and Ceiling Materials	0	0	8	0	0	8
8B--	Flooring	0	0	4	0	0	4
8C --	Millwork and Doors	2	0	0	0	2	4
8D --	Countertops	0	0	0	0	0	0
8E--	Cabinetry	0	0	0	0	0	0
8F--	Coatings and Adhesives	0	0	4	0	1	5
9	WASTE MANAGEMENT	0	1	1	0	1	3
9PR --	Prerequisites						
9A --	Construction Waste	0	1	1	0	1	3
9B --	Homeowner Waste Reduction	0	0	0	0	0	0
10	EDUCATION	1	1	2	1	1	6
10PR --	Prerequisites						
10A --	Homeowner and Subcontractor Education	1	1	2	1	1	6
11	INNOVATION	0	0	0	0	0	0
11A --	Performance Design and Alternative Methods	0	0	0	0	0	0
11B --	Design for Reduced Electrical and Magnetic Fields	0	0	0	0	0	0
11C--	INNOVATIVE DESIGN	0	0	0	0	0	0

MN GreenStar New Homes PROGRAM TOTALS		EE	RE	IEQ	WC	SC	TOTAL
1	PRE-CONSTRUCTION DESIGN AND PLANNING	12	2	2	2	3	21
2	LOCATION	0	0	0	0	21	21
3	SITE AND LANDSCAPE	4	6	1	13	18	42
4	HIGH PERFORMANCE FLOOR, WALL CEILING & ROOF ASSEMBLIES	30	23	3	0	2	58
5	MECHANICALS	15	7	14	0	5	41
6	ELECTRICAL	25	6	6	0	8	45
7	WATER - PLUMBING, SYSTEMS AND FIXTURES	0	1	1	13	1	16
8	FINISH MATERIALS AND COATINGS	2	0	16	0	3	21
9	WASTE MANAGEMENT	0	1	1	0	1	3
10	EDUCATION	1	1	2	1	1	6
11	INNOVATION	0	0	0	0	0	0
	GRAND TOTAL	89	47	46	29	63	274

Bronze level within the Minnesota GreenStar program is very obtainable with a well-built, well thought out home. The location, being near the park sysem givens quite a few points. Correctly installing materials such at sheathing, correct R- and U-values of systems, and specifying exhaust fans with a well thought out HVAC system are things that are sometimes overlooked, but add many points to the total. New materials that are greenwashed to appear the best option are not needed. For example, rapidly renewable resources of bamboo, being stripped from hills and shipped from overseas to the MidWest is not something that will be considered in this project.

NW Perspective Sketch

STRUCTURE:

CAST IN PLACE FOUNDATION WALLS
WOOD FRAME COMMON WALL
AND WOOD FRAME CONSTRUCTION

FINISH MATERIALS:

BEIGE STUCCO
TEMPERED GLASS ~ALL WINDOWS~
2'-0" SQUARE STONE PANELS
RED CEMET BOARD SIDING

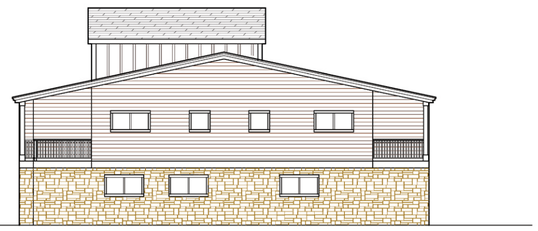
ROOF:

EXPOSED STEEL AND WOOD WITH
STANDING SEAM METAL ROOF

RAIL:

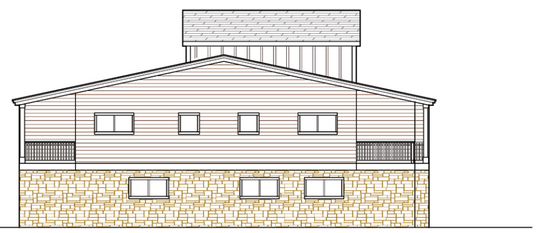
STEEL ANGEL IRON,
STAINLESS STEEL ROD,
WOOD HANDRAIL

SOUTH ELEVATION



EAST ELEVATION

NORTH ELEVATION



WEST ELEVATION