

# The day the Earth stood still

A 40th anniversary remembrance

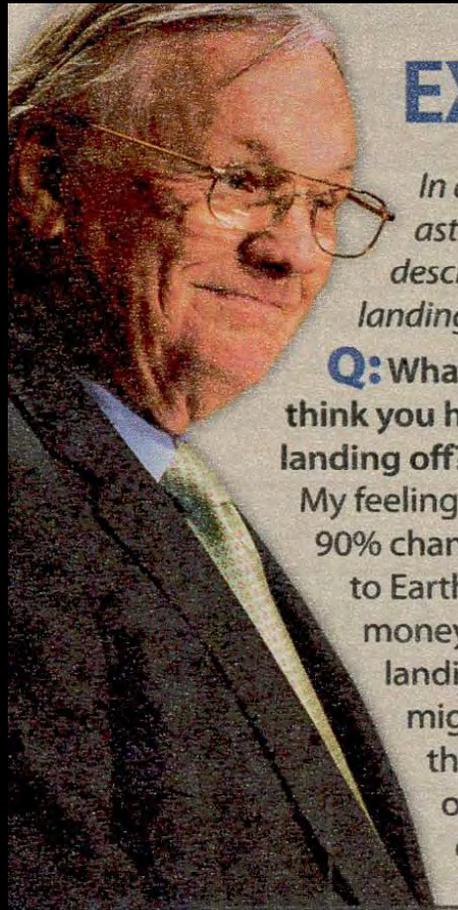
By Dennis McCafferty

**July 20, 1969**

**40 years ago.**

**One of our finest  
achievements!**

**Wausau City Square**  
*Wausau, Wisconsin*



## EXCLUSIVE: NEIL ARMSTRONG Q&A

*In a rare interview, astronaut Neil Armstrong describes his historic moon landing on July 20, 1969.*

**Q:** What chances did you think you had of pulling this landing off?

My feeling was that we had a 90% chance of returning safely to Earth, but only an even-money chance of successfully landing on the moon. We might not separate from the command module or might have to abort during the descent.

**Q:** Describe your emotions once you made the landing.

There were a few system details that we had to take care of immediately. Once we got through those, there was time to shake hands. We had made it. So far, so good. But there wasn't a lot of time for enjoying the moment. There were other things to do.

**Q:** You meant to say, "One small step for a man, one giant leap for mankind." But the first part came out without the "a." Why?

On flight tapes, I leave a lot of syllables out. I'm not particularly

articulate. I think reasonable people will realize the "a" was intended. I hope history would grant me the leeway. They can put it in parentheses.

**Q:** Rather self-effacingly, you always have thought of what you said as a very simple statement. I didn't think it was particularly important. But I knew other people might.

---

*By James R. Hansen, Armstrong's official biographer. These previously unpublished comments were gathered for Hansen's book *First Man: The Life of Neil A. Armstrong* (SIMON AND SCHUSTER).*

Wausau City Square  
Wausau, Wisconsin

“My feeling was that we had a 90% chance of returning safely to Earth, but only an even money chance of successfully landing on the moon”

Neil Armstrong on landing on the moon

Wausau City Square  
*Wausau, Wisconsin*

## Sally Ride: I found a hero that day.

As the moon landing approached, I knew I was going to do either one of two things with my life: become a scientist or a professional tennis player.

I was playing in a national junior tennis tournament that day. I convinced other players to watch the landing. When Armstrong stepped on the moon, he became my hero. I think he became everyone's hero at that moment. So I knew that I would become a scientist, and that led to my training as an astronaut.



Ride: the first U.S. woman in space

Today, my company, Sally Ride Science, educates students about space exploration. They sometimes take it for granted. They never experienced all of the doubting that took place decades ago, before the moon landing finally happened. So now I tell the students to imagine a planet somewhere out there that may be very different from Earth, then imagine how thrilling it would be to land there in a rocket ship. That's when I see a sense of wonder in their eyes, the same magic that inspired me as a kid. **W**

“They (my students) never experienced all the doubting that took place decades ago, before the moon landing finally happened”

Sally Ride - First US woman in space

Wausau City Square  
*Wausau, Wisconsin*

“I believe that this nation should commit itself to achieving the goal, before this decade is out, of landing a man on the moon and returning him safely to the Earth”

President Kennedy, May 25, 1961

July 20, 1969- 8 Years & 2 months later!

Wausau City Square  
*Wausau, Wisconsin*

Becher Hoppe Associates and Damon Farber Associates

Present

# City Square

July 27, 2009

Originally Presented  
April 28, 2009  
Wausau City Council



Wausau City Square  
*Wausau, Wisconsin*

Where we started in 2007

Wausau City Square  
*Wausau, Wisconsin*



Looking south



Looking west



Looking northwest



Looking north

**Context**

**Wausau City Square**  
*Wausau, Wisconsin*



Looking northeast



Looking northeast



Looking east

# Wausau City Square

*Wausau, Wisconsin*



Historic Bollard -G



Trash Receptacle -NSG



Tree Grate / Tree Guard-G



Brick paving-G



Bench-G



Wood Planter-NSG



Decorative Light -G



Marker-G

## Existing Site Elements

# Wausau City Square

Wausau, Wisconsin

Our direction

Wausau City Square *Wausau, Wisconsin*

# Dec 7, 2005 Recommendation to City Council- from the 400 Block Advisory Committee

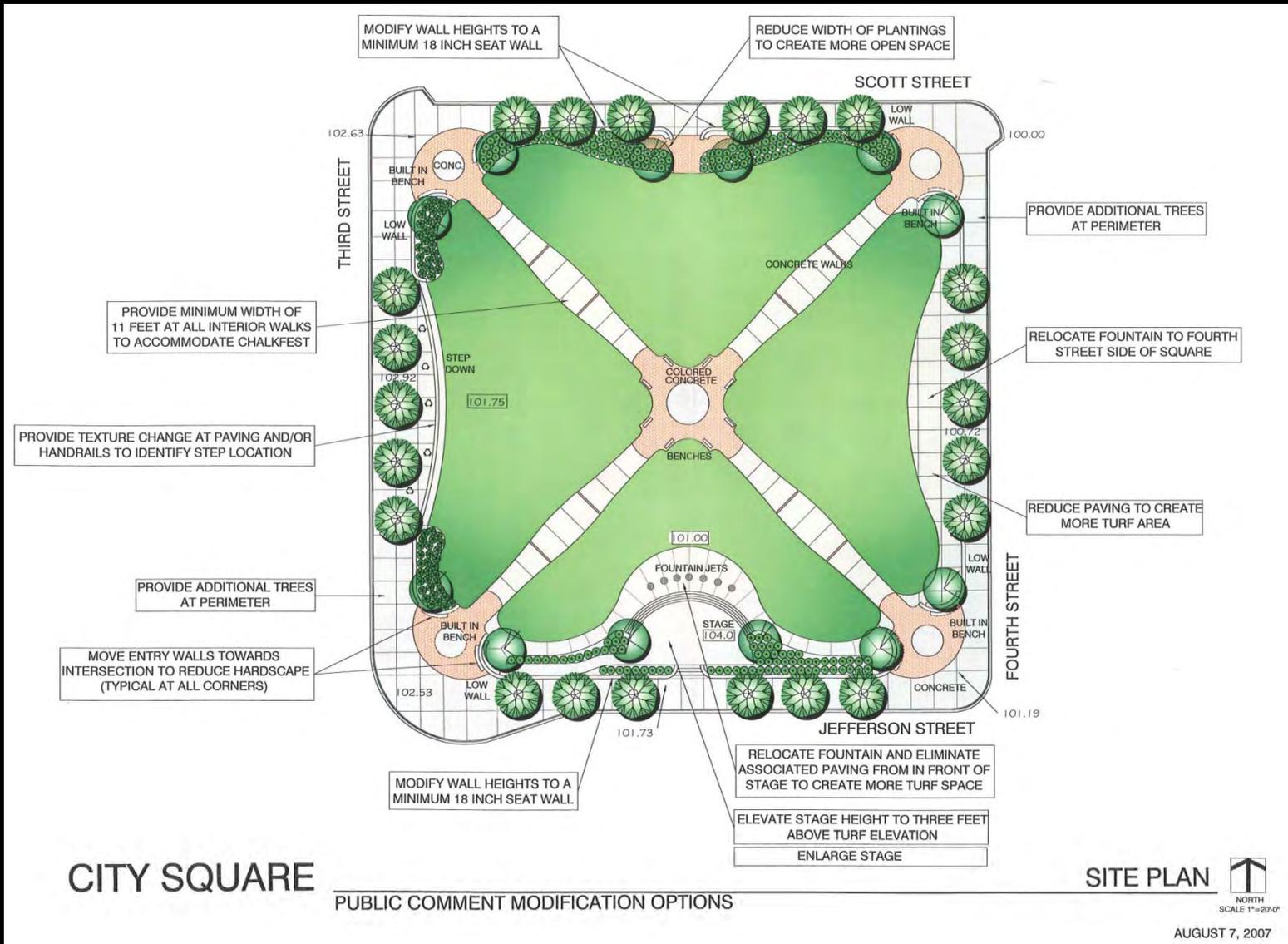
- Maintain open center space
- No parking within the block
- Limit trees to periphery and corners
- Enhance corners with seating, decorative vegetation, public display opportunities

- Basic performance stage with no permanent cover
- Provide food sale and eating space opportunities with moveable furniture
- Visually striking feature- interactive fountain
- Scott Street separation

Wausau City Square *Wausau, Wisconsin*

- Seasonal ice skating with temporary warming facility
- Utility infrastructure for variety of special events
- Permanent restroom in building facing 400 Block

# August 2007 Plan with comments



# Our Plan

## Who was involved?

- Citizens of Wausau and Marathon County
- 400 Block Committee
- Mayor Tipple
- Bill Forrest
- Brad Marquardt
- Bill Duncanson
- Peter Knotek
- Damon Farber- Landscape Architects
- Becher-Hoppe- Civil Engineers

Wausau City Square  
*Wausau, Wisconsin*



**Tables and Chairs**



**Curbed Planters**



**Planter Seat Wall**



**Drinking Fountain**



**Tensile Band Shell**



**Waste Receptacle**



**New Sign Base**



**Fountain**

## **Proposed Site Elements**

# **Wausau City Square** *Wausau, Wisconsin*



**Perennials**



**Ornamental Grasses**



**Flowering Trees**



**Shade Trees**



**Baskets**



**Banner**



**Signage**



**Planter**

# Wausau City Square

*Wausau, Wisconsin*



Fencing



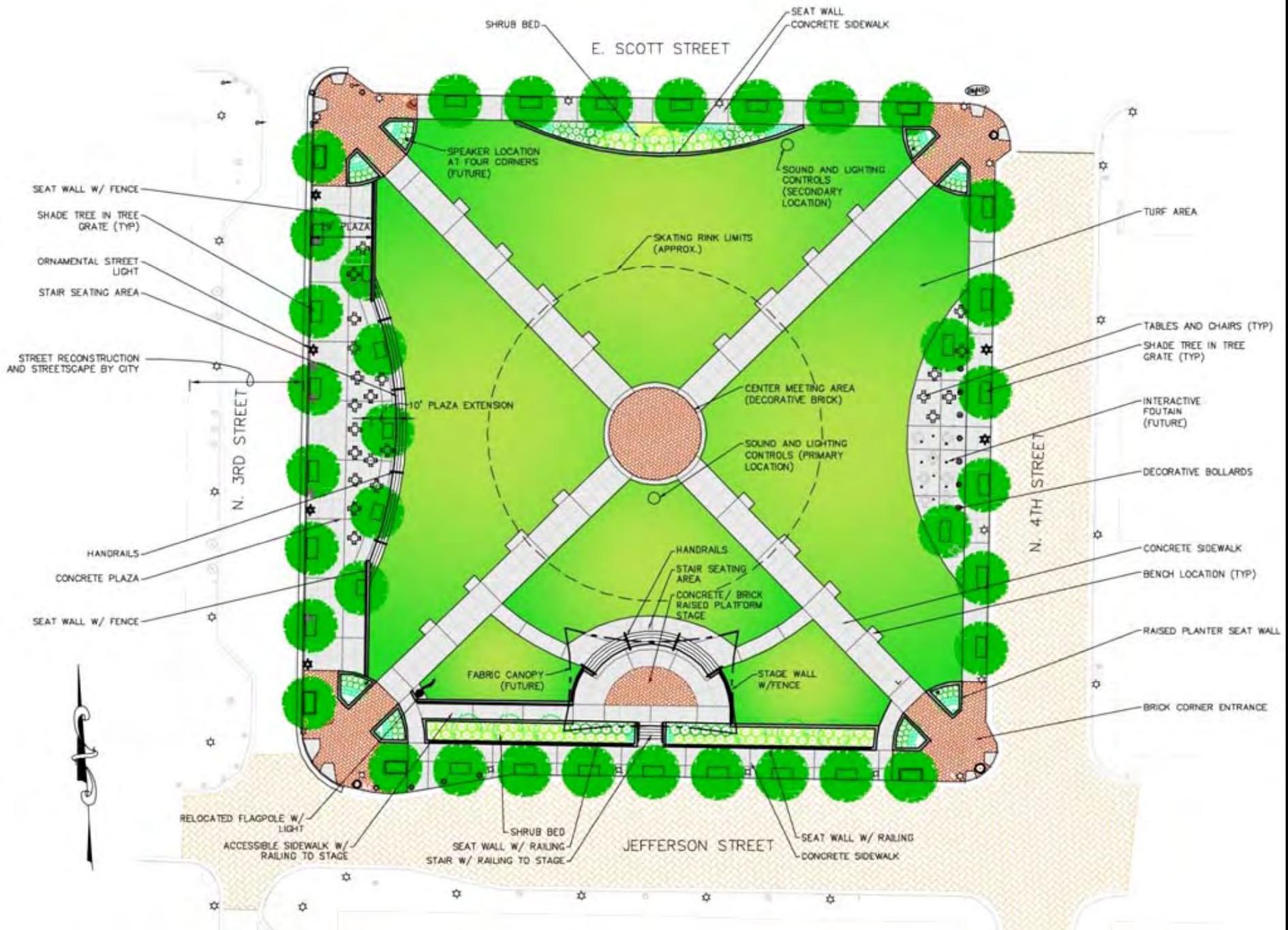
Fencing and Planters

Fencing and Planters



# Wausau City Square

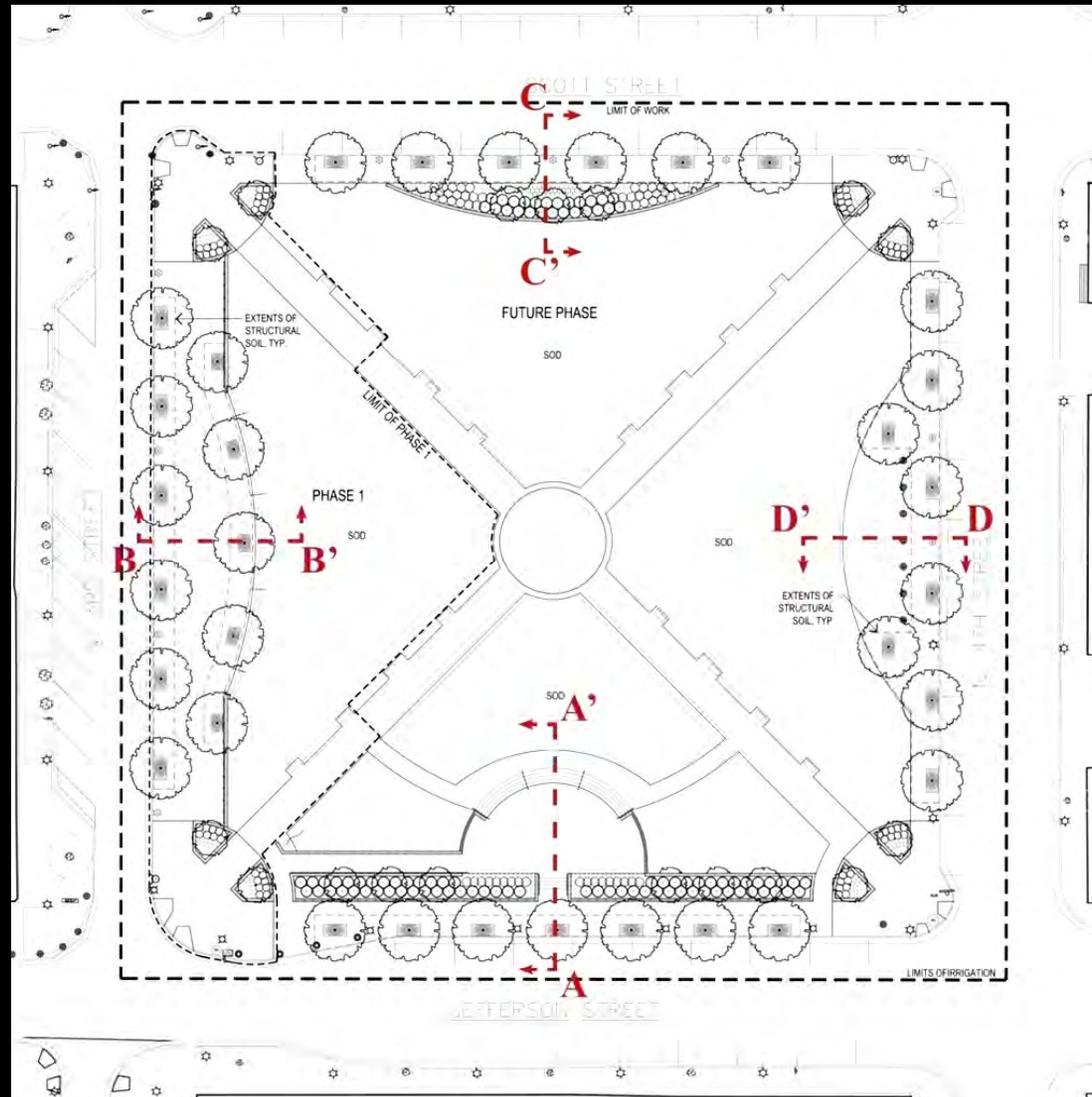
*Wausau, Wisconsin*



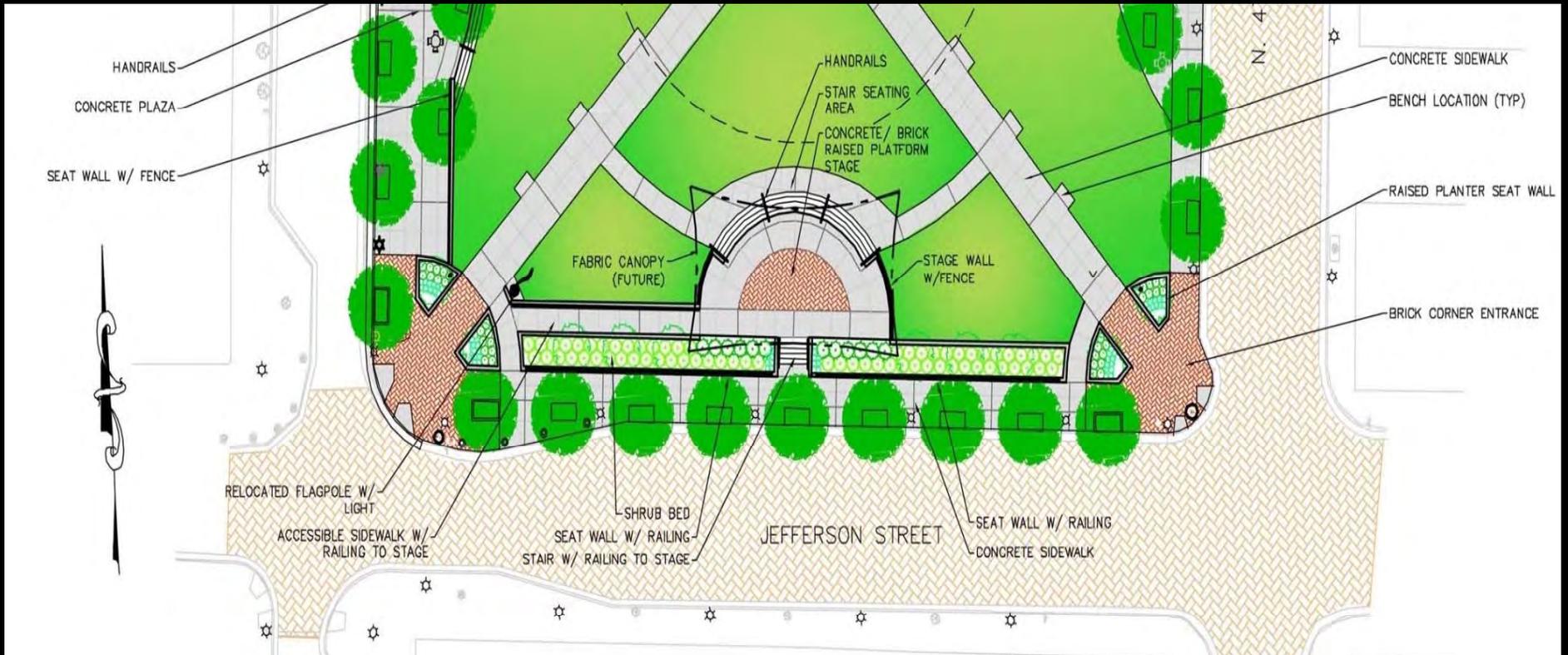
# Wausau City Square

*Wausau, Wisconsin*

# Cross Section Locations



Wausau City Square  
Wausau, Wisconsin



# Jefferson Street

# Wausau City Square

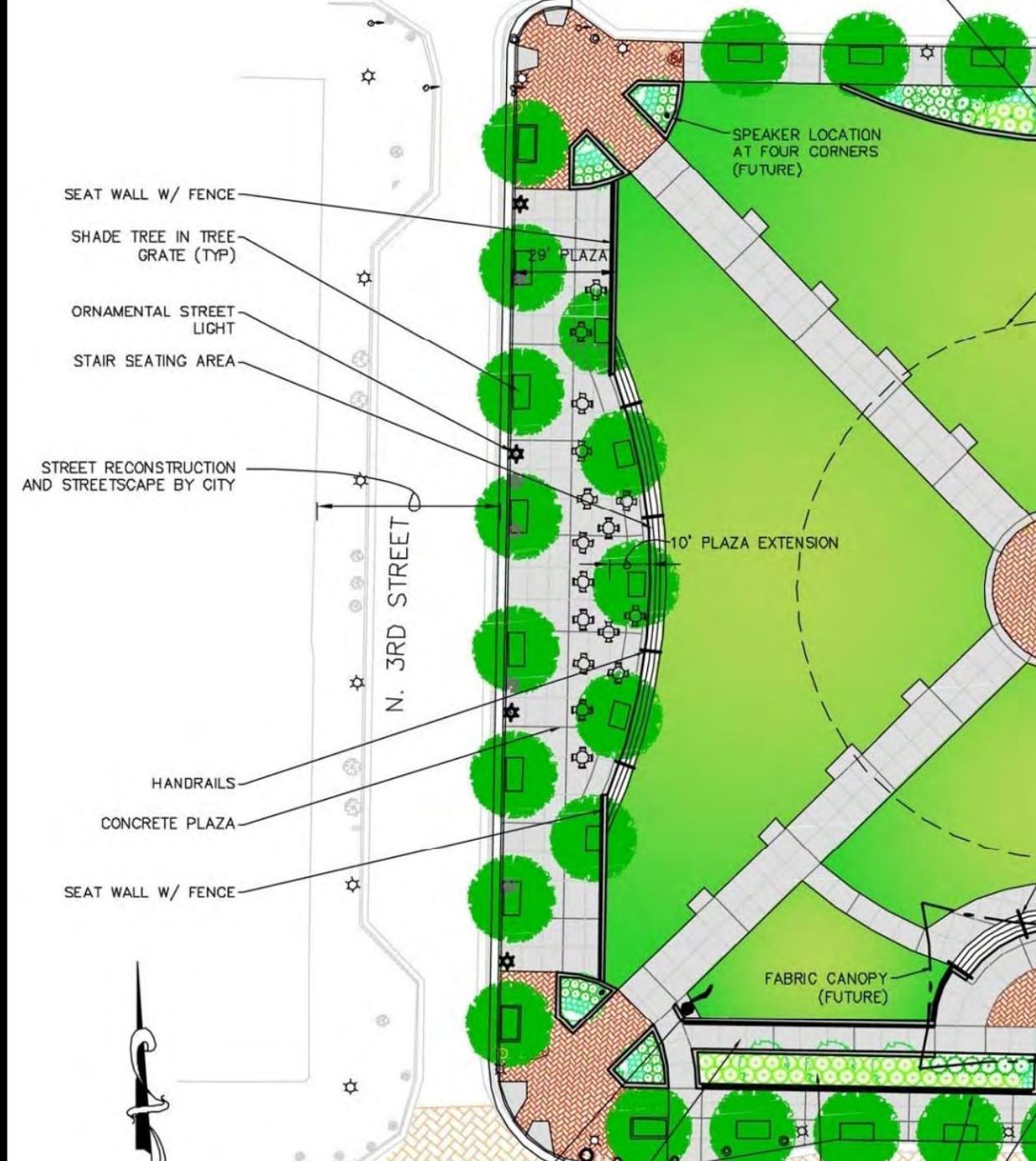
*Wausau, Wisconsin*

A



# Wausau City Square

*Wausau, Wisconsin*



**Third Street**

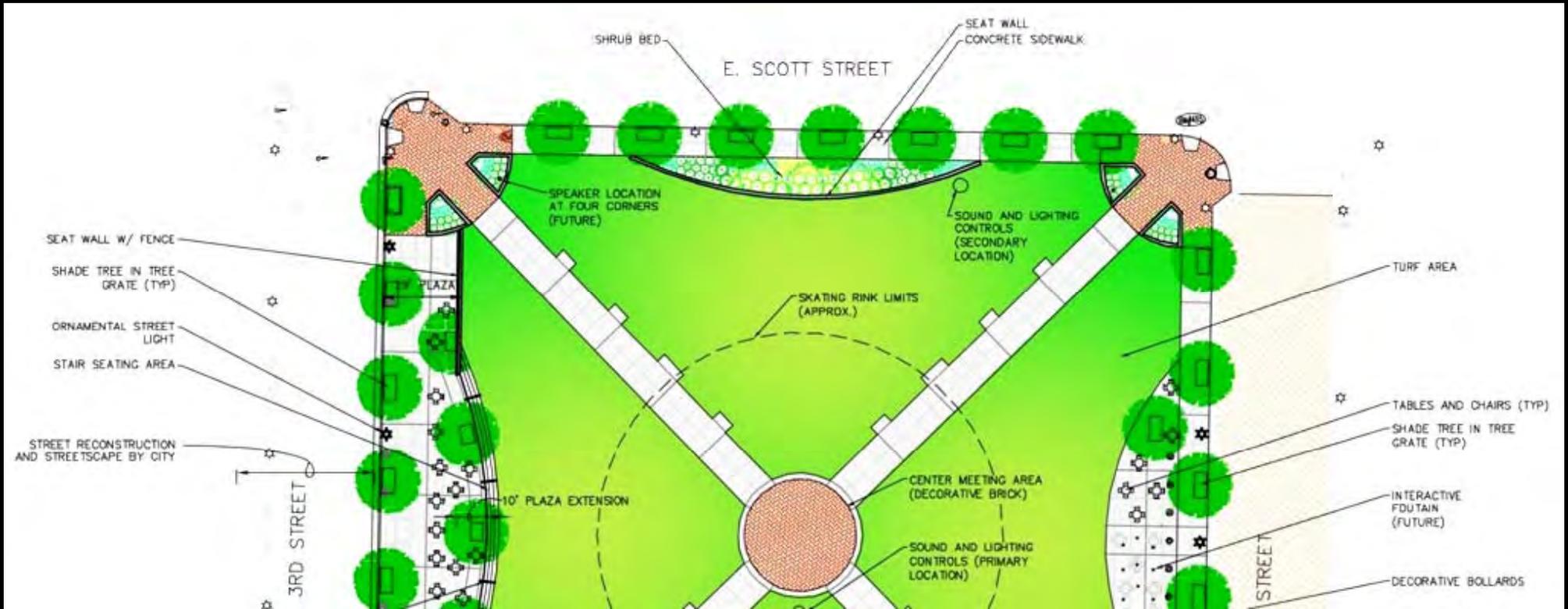
**Wausau City Square**  
*Wausau, Wisconsin*

B



# Wausau City Square

*Wausau, Wisconsin*



# Scott Street

# Wausau City Square

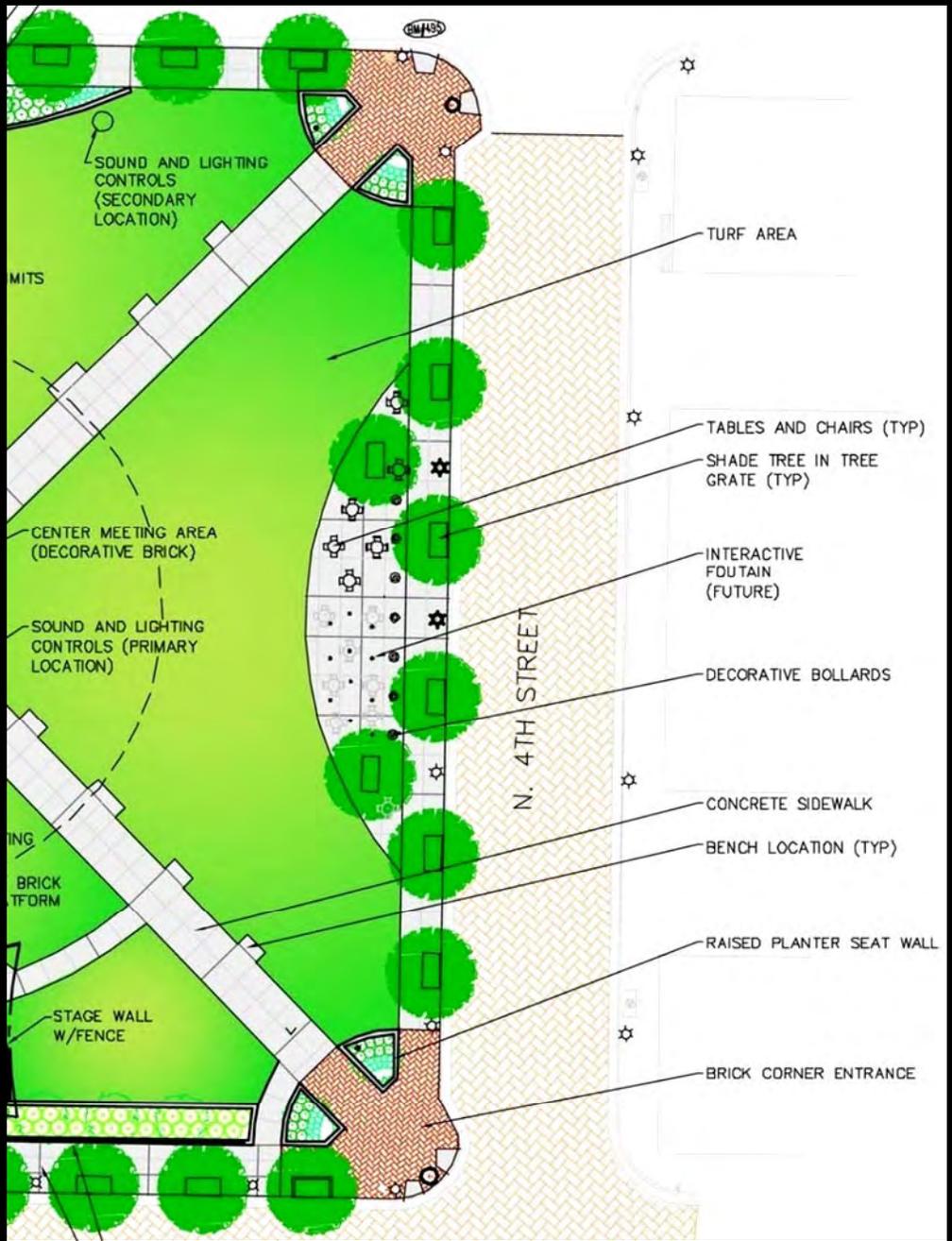
*Wausau, Wisconsin*

C



# Wausau City Square

*Wausau, Wisconsin*



Fourth Street

Wausau City Square  
Wausau, Wisconsin

D



D1

Wausau City Square *Wausau, Wisconsin*

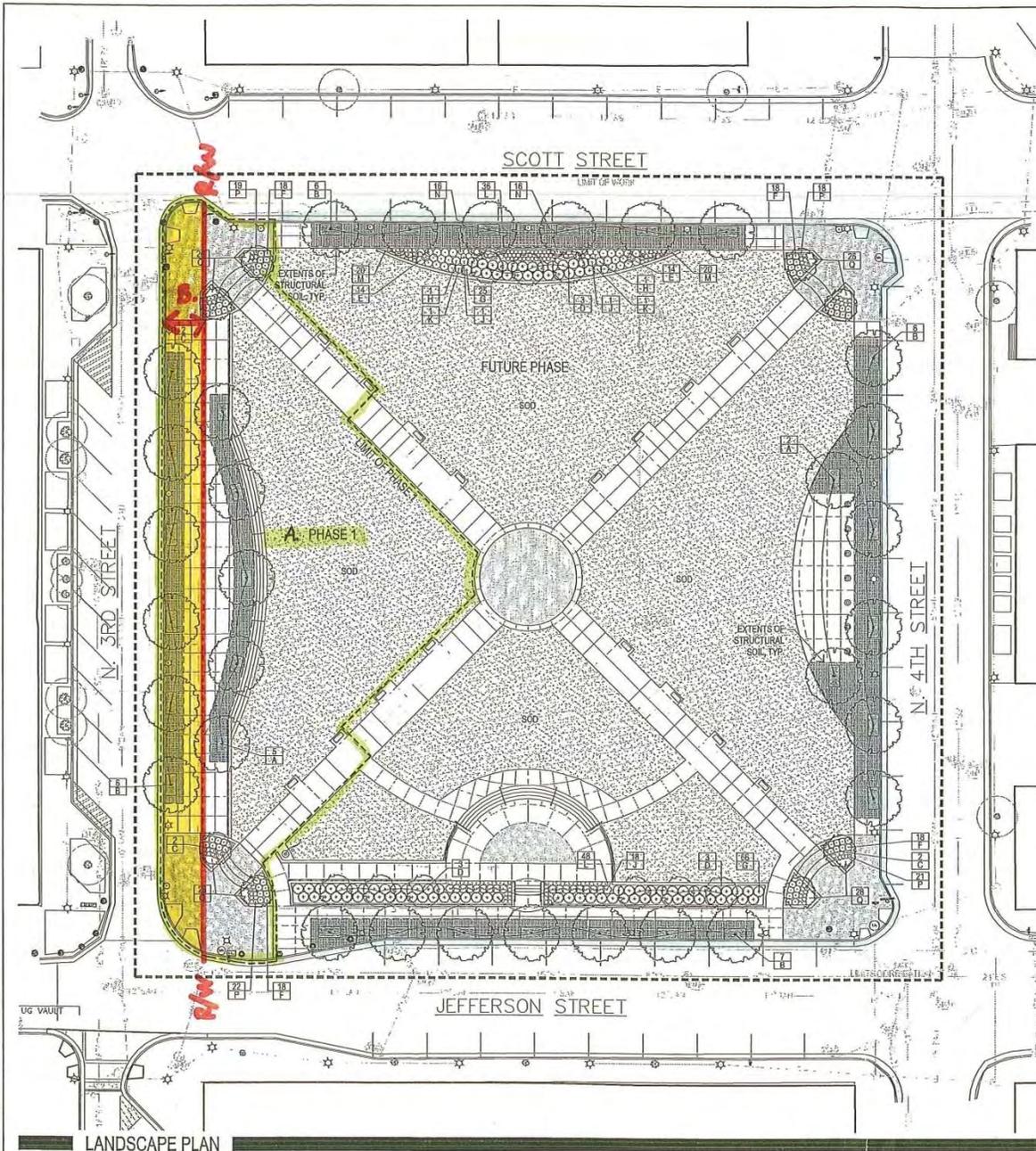
D



D2

Wausau City Square  
*Wausau, Wisconsin*

KITTSON 1/21/09 PRESENTATION HANDOUT MTC



SYM	QTY	VERIFY	COMMON NAME	SCIENTIFIC NAME	SIZE	CONT.	COMMENTS	
<b>DECIDUOUS TREES</b>								
A	7		NORTHERN ACCLAIM HONEYLOCUST	<i>Gleditsia triacanthos var. inermis 'Harve'</i>	2" CAL	B&B	STRAIGHT LEADER	
B	25		ACORN OLE ELM	<i>Ulmus americana x wintoniana 'Morton'</i>	2" CAL	B&B	STRAIGHT LEADER	
C	8		PRINCE OF WALES PEAR	<i>Pyrus ussuriensis 'Morong'</i>	2" CAL	B&B	STRAIGHT LEADER	
D	8		ROYAL RAINBOWS CRABAPPLE	<i>Malus Royal Rainbows</i>	2" CAL	B&B	STRAIGHT LEADER	
<b>DECIDUOUS SHRUBS</b>								
E	28		ARCTIC FIRE DOGWOOD	<i>Cornus stolonifera 'Farnow'</i>	18" HGT.	#3 CONT.	PLANT 3" O.C.	
F	72		FOX PAVEMENT SHRUB ROSE	<i>Rosa Fox Pavement</i>	12" HGT.	#3 CONT.	PLANT 2'8" O.C.	
<b>CONIFEROUS SHRUBS</b>								
G	31		TAUNTON YEW	<i>Taxus x media 'Taunton'</i>	24" SPRD.	#3 CONT.	PLANT 4" O.C.	
H	7		NOVA YEW	<i>Taxus canadensis 'Novy'</i>	4" HT.	B&B	PLANT AS SHOWN	
J	20		TAYLOR JUNIPER	<i>Juniperus virginiana 'Taylor'</i>	4" HT.	B&B	PLANT AS SHOWN	
K	2		HOLMSTRUP ARBORVITAE	<i>Thuja occidentalis 'Holmstrup'</i>	8" HT.	#30 CONT.	PLANT AS SHOWN	
<b>PERENNIALS</b>								
L	84		ROCK & ROLL ASTILBE	<i>Astilbe arendsii 'Rock &amp; Roll'</i>	12" HT.	#1 CONT.	PLANT 18" O.C.	
M	40		MARY TODD DAYLILY	<i>Helianthus Mary Todd</i>	12" HT.	#1 CONT.	PLANT 18" O.C.	
N	32		RAIRIE SPLENDOR CONEFLOWER	<i>Echinacea purpurea 'Prairie Splendor'</i>	18" HT.	#1 CONT.	PLANT 24" O.C.	
P	80		STORMY SEAS HEUCHERA	<i>Heuchera 'Stormy Seas'</i>	12" HT.	#1 CONT.	PLANT 18" O.C.	
<b>ANNUALS</b>								
Q	105		SEASONAL ANNUALS TO BE SELECTED BY LANDSCAPE ARCHITECT			PLUS	FLAT	PLANT 10" O.C.

**PLANT MATERIALS LIST**

- DECIDUOUS SHADE TREE
- DECIDUOUS ORNAMENTAL TREE
- UPRIGHT CONIFEROUS SHRUB
- SPREADING CONIFEROUS SHRUB
- DECIDUOUS SHRUB
- PERENNIAL
- PLANT KEY QUANTITY
- PLANT KEY SYMBOL
- SOD
- CLAY BRICK PAVERS
- STRUCTURAL SOIL

**NOTES**

- STRUCTURAL SOIL REPLACES AGGREGATE BASE FOR SIDEWALKS AND ALLOWS FOR ROOT MOVEMENT BY TREES IN TREE GRATES. STRUCTURAL SOIL SHALL BE PLACED IN LOCATIONS SHOWN ON PLAN AND AS INDICATED IN THE SPECIFICATIONS.

**PLANT LEGEND**

- ENTIRE SITE
- A. PHASE 1
- B. EAST CURB TO R/W

1

# Other Ideas and Considerations

- **Geothermal**
- **Red Granite for Stairways**
- **Central Fountain**

What will City Square look like?

Wausau City Square  
*Wausau, Wisconsin*



**Planter/ Seat Wall**



**Planter/ Seat Wall**



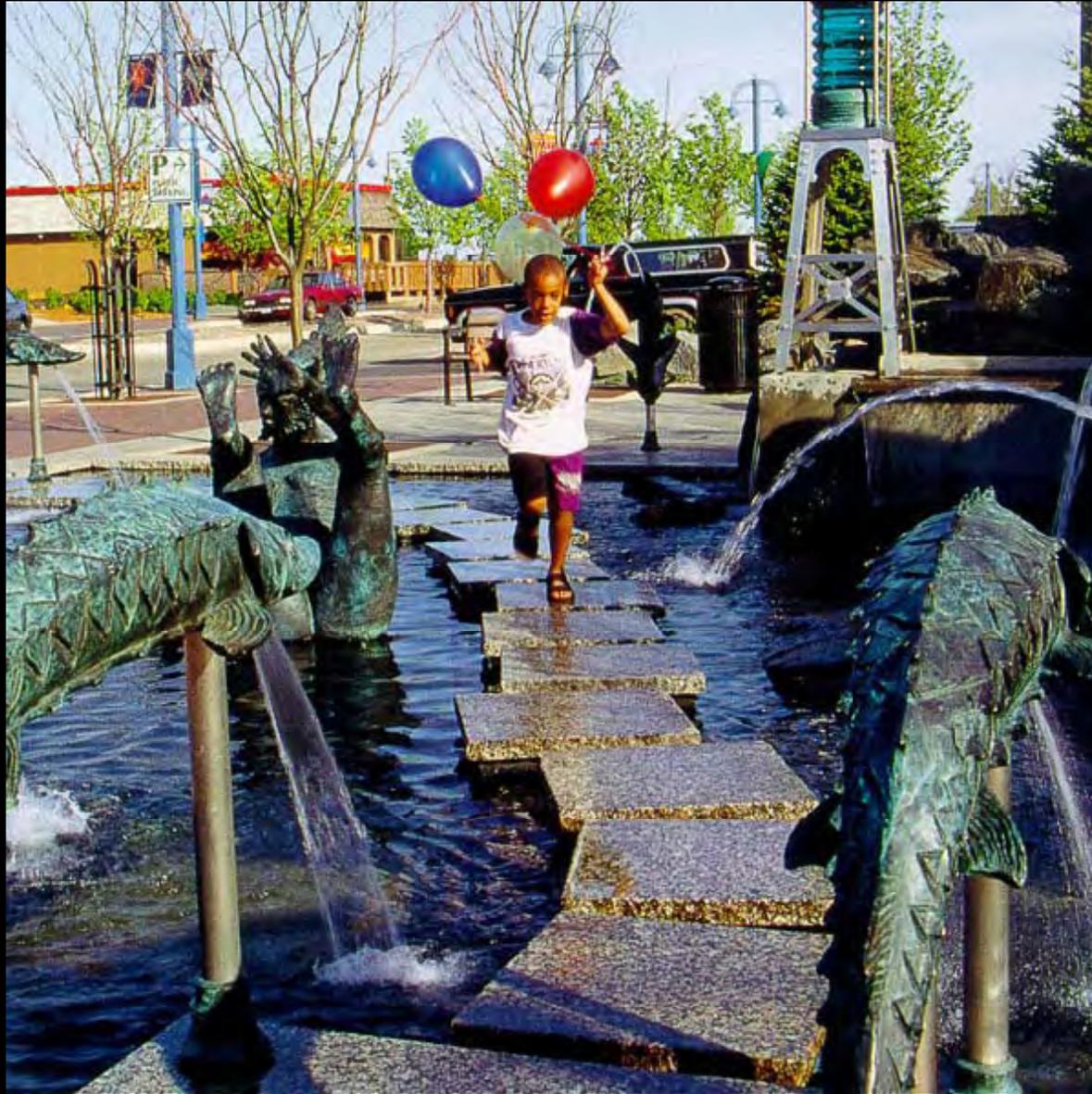
**Planter/ Seat Wall**



**“Wavy” Planter Wall without Seat**

**Planter/Seat Walls Examples**

**Wausau City Square**  
*Wausau, Wisconsin*



Wausau City Square *Wausau, Wisconsin*



# Wausau City Square

*Wausau, Wisconsin*



**Wausau City Square** *Wausau, Wisconsin*



Wausau City Square *Wausau, Wisconsin*



# Wausau City Square

*Wausau, Wisconsin*



# Wausau City Square

*Wausau, Wisconsin*



# Wausau City Square

*Wausau, Wisconsin*



# Wausau City Square

*Wausau, Wisconsin*



**Wausau City Square** *Wausau, Wisconsin*



**Wausau City Square** *Wausau, Wisconsin*



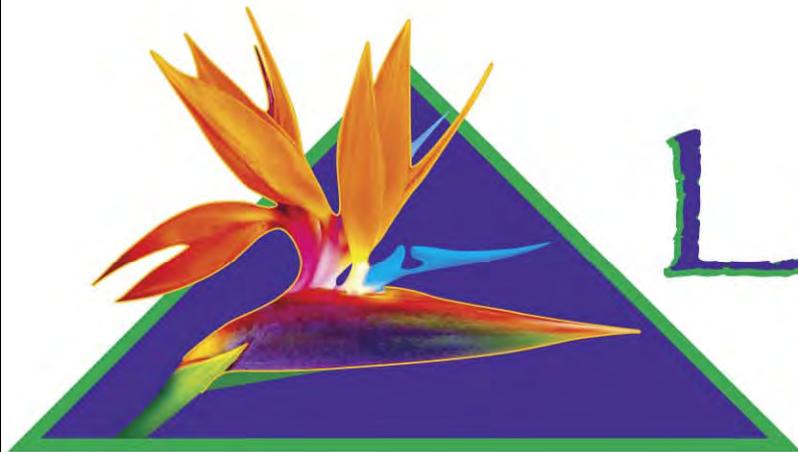
# Wausau City Square

*Wausau, Wisconsin*



# Wausau City Square

*Wausau, Wisconsin*



# Living Color Landscapes

Dave Sether  
In Collaboration with Eric Gebhardt

Wausau City Square  
*Wausau, Wisconsin*



# Wausau City Square

*Wausau, Wisconsin*



# Wausau City Square

*Wausau, Wisconsin*



# Wausau City Square

*Wausau, Wisconsin*



# Wausau City Square

*Wausau, Wisconsin*



# Wausau City Square

*Wausau, Wisconsin*



# Wausau City Square

*Wausau, Wisconsin*



# Wausau City Square

*Wausau, Wisconsin*



# Wausau City Square

*Wausau, Wisconsin*



# Wausau City Square

*Wausau, Wisconsin*

# Opinion of Probable Costs

• Basic Project	\$825,000
Contingency	\$82,500
Total w/o Amen.	\$907,500

Amenities \$0-\$450,000

Cost based on 2009 Dollars

Construction Administration and Inspection Costs not included

Bidding Costs not included

Wausau City Square  
*Wausau, Wisconsin*

Opinion of Probable Costs

CITY SQUARE - ENTIRE SITE

Item No.	Item Description	Estimated Quantity	Unit	Unit Cost	Total Cost
<b>DEMOLITION</b>					
1	Sawing Concrete Pavement, Full Depth	120	L.F.	\$ 3.00	\$360
2	Sawing Asphalt Pavement, Full Depth	125	L.F.	\$ 2.00	\$250
3	Removing Concrete Sidewalk / Asphalt Sidewalk	1,900	S.Y.	\$ 3.00	\$5,700
4	Salvage Existing Street Light/Rem Base	19	EA.	\$ 500.00	\$9,500
5	Clear and Grub/Rem Topsoil	11	L.S.	\$ 1,500.00	\$16,500
6	Remove Exist Storm Sewer	1	L.S.	\$ 2,500.00	\$2,500
7	Abandon Exist Irrigation	1	L.S.	\$ 3,000.00	\$3,000
8	Abandon Exist Electrical	1	L.S.	\$ 2,500.00	\$2,500
<b>SITWORK</b>					
9	Common Excavation	7,000	C.Y.	\$ 7.00	\$49,000
10	Crushed Aggregate Base Course	500	C.Y.	\$ 18.00	\$9,000
11	Granular Backfill	250	C.Y.	\$ 10.00	\$2,500
12	Asphaltic Concrete Patching, 2 inch	100	S.Y.	\$ 50.00	\$5,000
13	Brick Paver Sidewalk w/ Concrete Base	4700	S.F.	\$ 20.00	\$94,000
14	Concrete Sidewalk & Plaza, 4 inch	22,000	S.F.	\$ 5.50	\$121,000
15	ADA Ramp	8	EA.	\$ 500.00	\$4,000
16	Concrete Steps	925	S.F.	\$ 25.00	\$23,125
17	Concrete Seat Wall & Cap	580	L.F.	\$ 200.00	\$116,000
18	Plaza Wall Fence	80	L.F.	\$ 85.00	\$6,800
19	Plaza Handrail	20	L.F.	\$ 120.00	\$2,400
20	Stage Handrail	42	L.F.	\$ 120.00	\$5,040
21	Stage Fence	200	L.F.	\$ 85.00	\$17,000
22	Stage Wall	430	L.F.	\$ 200.00	\$86,000
23	4" Screened Topsoil	4180	S.Y.	\$ 1.00	\$4,180
24	Seed, Fertilizer and Mulch	4180	S.Y.	\$ 0.90	\$3,762
25	Lime, Soil Ammendment	4	Ton	\$75.00	\$300
26	Structural Planting Soil, Trees	800	C.Y.	\$ 35.00	\$28,000
27	Planting Soil, Beds	160	C.Y.	\$ 50.00	\$8,000
28	Tree Grate	25	EA.	\$ 1,400.00	\$35,000
29	Traffic Bollard & Base	8	EA.	\$ 1,100.00	\$8,800
30	Inlet Protection Type A	8	EA.	\$ 250.00	\$2,000
31	12" HDPE Storm Sewer	200	L.F.	\$ 20.00	\$4,000
32	8" HDPE Storm Sewer	450	EA.	\$ 15.00	\$6,750
33	Inlet Type ADS	12	EA.	\$ 250.00	\$3,000
34	Safety Fencing, Work Zone, Traffic Control	1	L.S	\$ 6,000.00	\$6,000
35	Remove temp storm	1	L.S	\$ 1,000.00	\$1,000
<b>PLANTINGS</b>					
36	Tree Deciduous Shade 2.5 inch cal.	32	EA.	\$ 500.00	\$16,000
37	Tree Ornamental Deciduous	17	EA.	\$ 450.00	\$7,650
38	Shrubs, Deciduous	100	EA.	\$ 35.00	\$3,500
39	Shrub, Coniferous	115	EA.	\$ 100.00	\$11,500
40	Perennials	236	EA.	\$ 20.00	\$4,720
41	Annuals	106	EA.	\$ 10.00	\$1,060
<b>IRRIGATION SYSTEM</b>					
42	New Sprinkler Controller	1	L.S.	\$ 5,000.00	\$5,000
43	Sprinkler System	1	L.S.	\$ 20,000.00	\$20,000
44	Extend water service, relocate controller	1	L.S.	\$ 1,500.00	\$1,500
45	2" Pipe	1,200	L.F.	\$ 10.00	\$12,000
46	1&1/2" Pipe	0	L.F.		\$0
47	1" Pipe	400	L.F.	\$ 8.00	\$3,200
48	Hose Bib	8	EA.	\$ 45.00	\$360
49	2" Valve	4	EA.	\$ 100.00	\$400
<b>ELECTRICAL SYSTEM</b>					
50	2" Conduit	1,200	L.F.	\$ 9.00	\$10,800
51	1" Conduit	300	L.F.	\$ 7.00	\$2,100
52	Reinstall Street Light, New Base	19	EA.	\$ 500.00	\$9,500
53	Handhole Junction Box	8	EA.	\$ 200.00	\$1,600
54	Relocated Electrical Cable	600	L.F.	\$ 5.00	\$3,000
55	Reocate power junction boxes/panels	1	L.S.	\$ 3,500.00	\$3,500
56	Stage elect., lighting, sound conduits&boxes	1	L.S.	\$ 15,000.00	\$15,000

Project SubTotal	\$824,357
Contingency @10%	\$82,436
<b>Project Total</b>	<b>\$906,793</b>

Wausau City Square  
Wausau, Wisconsin

## AMENITIES

No.	Item	Quantity	Unit	Unit Price	Total Price
57	Benches	21	EA	\$ 1,500	\$31,500
58	Bike Rack	4	EA	\$ 950	\$3,800
59	Café Tables / Chairs	38	EA	\$ 1,500	\$57,000
60	Decorative Bowl Planters	8	EA	\$ 375	\$3,000
61	Directory Sign	1	EA	\$ 9,925	\$9,925
62	Drinking Fountain	1	EA	\$ 2,250	\$2,250
63	Flag Pole & Uplights	1	EA	\$ 3,000	\$3,000
64	Hanging Baskets/ pair	25	EA	\$ 425	\$10,625
65	Interactive Fountain	1	Allow	\$ 80,000	\$80,000
66	Lighting - Accent	10	EA	\$ 650	\$6,500
67	Sculpture	1	Allow	\$ 45,000	\$45,000
68	Signage	1	Allow	\$ 25,000	\$25,000
69	Sound System	1	LS	\$ 35,000	\$35,000
70	Stage Canopy	1	Allow	\$ 135,000	\$135,000
71	Trash and Recycling Receptacle	4	EA	\$ 600	\$2,400
				<b>Total</b>	<b>\$450,000</b>

Wausau City Square  
Wausau, Wisconsin



**Wausau- We deserve  
it- City Square !**

**Wausau City Square**  
*Wausau, Wisconsin*

# Questions?



---

*Damon Farber Associates*



---

*Landscape Architects*

---

Thank You.

Terry D. Kittson, P.E., Vice President, Becher-Hoppe Associates

Wausau City Square  
*Wausau, Wisconsin*



# Wausau City Square

*Wausau, Wisconsin*