

cityofnovi.org

# CITY of NOVI CITY COUNCIL

**Agenda Item H**  
**April 7, 2008**

**SUBJECT** Approval to award the spring 2008 Tree Planting bid of 500 trees to Panoramic Landscaping, Inc., in the amount of \$ 95,580.00.

**SUBMITTING DEPARTMENT:** Parks, Recreation, and Forestry Department

**CITY MANAGER APPROVAL:** 

<b>EXPENDITURE REQUIRED</b>	<b>\$ 95,580.00</b> (\$92,580.80 is funded from the tree fund and \$3,000 from various street tree escrow accounts)
<b>AMOUNT BUDGETED</b>	<b>\$153,600.00</b>
<b>APPROPRIATION REQUIRED</b>	<b>N/A</b>
<b>LINE ITEM NUMBER</b>	<b>209-000.00-939.260</b> (Tree Fund Account) and other escrow accounts

**BACKGROUND INFORMATION:**

The City of Novi has planted over 4,000 trees within the City to replace ash trees and enhance public property using Tree Fund monies. In 2007, staff developed a Five-Year Tree Fund Planting and Utilization Strategy in effort to manage this urban forestry resource.

This spring, a total of 500 trees will be planted, staked, and mulched through this contract, which includes a two-year warranty on all trees and any required replacement trees. These trees will be planted primarily within residential subdivisions and I-96/Beck Road interchange. Approximately, 300 trees are scheduled to be planted within the re-constructed I-96/Beck Rd. corridor (aerials attached). The primary goal of these trees will be to enhance the aesthetics of this community gateway and will be coordinated with the Neighborhood & Business Relations Department to enhance the new gateway signage. Some other intangible benefits of the trees include reducing stormwater runoff, controlling erosion, reducing noise pollution, and acting as natural snow fences.

One key aspect of the project will be species diversification. A total of 19 different species will be planted as part of this contract. Staff will base tree selection on pertinent site factors, such as soil type, proximity to adjacent trees and other vegetation, the location of overhead and underground utilities, the exposure of the site and the amount of growing space available to support healthy tree growth and development. Staff will hand-select trees prior to planting to ensure specimen quality. These trees will be maintained as outlined per our Five- Year Tree Fund Planting and Utilization strategy.

The City received thirteen bids for this planting on February 28, 2008. Staff reviewed the bids and investigated jobs performed by Panoramic Landscaping and are satisfied that they can meet our quality standards. Panoramic Landscaping has been installing quality trees for 23 years in several communities such as the City of Novi, City of Northville, City of Farmington, and Hartland Township.

The planting is expected to commence in April and be complete in June 2008. Adjacent property owners will be notified of the planting and receive tree care instructions. Please reference the attached documents for more detailed bid information.

**RECOMMENDED ACTION:** Approval to award the spring 2008 Tree Planting bid of 500 trees to Panoramic Landscaping, Inc., in the amount of \$ 95,580.00.

	1	2	Y	N
<b>Mayor Landry</b>				
<b>Mayor Pro Tem Capello</b>				
<b>Council Member Crawford</b>				
<b>Council Member Gatt</b>				

	1	2	Y	N
<b>Council Member Margolis</b>				
<b>Council Member Mutch</b>				
<b>Council Member Staudt</b>				

# MEMORANDUM



**TO:** CAROL KALINOVIK, PURCHASING OFFICIAL  
**FROM:** RANDY AULER, DIRECTOR OF PARKS, RECREATION, AND FORESTRY  
**SUBJECT:** SUMMARY AND RECOMMENDATION FOR SPRING 2008 TREE PLANTING TO PANORAMIC LANDSCAPING, INC.  
**DATE:** 3/18/08

Below, please find the tabulation of bids opened on February 28, 2008, for the tree planting program. The City received thirteen bids with one later being withdrawn (Lodi Farms). Staff have investigated projects performed by these organizations and recommend that the award be given to Panoramic Landscaping, Inc. of Novi, MI.

The low bid was Greg Davis Landscape Services but staff are not recommending them because they submitted an incomplete bid (no bid 2 alternate A unit cost as required per specifications) and staff were unsatisfied with their overall performance last spring. Examples include unfamiliarity with the scope and specifications of the contract resulting in disputes with staff, unresponsiveness to several staff concerns, and submitting several incorrect invoices resulting in staff dedicating several hours correcting them (even after contractor re-submittals).

Based on the information cited above, it is our recommendation that this contract be awarded to the next lowest bidder, Panoramic Landscaping, Inc., in the amount of \$ 95,580.00. Panoramic is a local company (Division of Glenda's Garden Center) that has been planting trees for the past 23 years, including the City of Novi and several Novi developers such Singh and Mirage Development. Therefore, they are familiar with our specifications, requirements, and expectations.

The tree planting program includes planting a variety of different species along major roads and subdivisions where trees were removed. Additionally, trees will be planted within I-96/Beck Road corridor to enhance the aesthetics as part of the Five-Year Tree Fund Planting and Utilization Strategy. The plantings are expected to commence in April and be completed in June. Residents will be notified of the plantings. Funds for the plantings will come from the tree fund account and various escrow accounts for approximately \$92,580.00 and \$3,000 respectively.

## BID TABULATION FOR TREE PLANTING

Greg Davis Landscape Services	\$ 91,185.60
> Panoramic Landscaping, Inc	\$ 95,580.00 <
B & B Lawn Service	\$ 109,055.00
Lodi Farms Ltd. ( <i>withdrew Bid</i> )	\$ 111,605.00
Reliable Landscaping, Inc.	\$ 112,889.80
United Landscape, Inc.	\$ 114,587.00
Marine City Nursery Co	\$ 118,405.00
Thoms Bros. Landscaping, Inc.	\$ 130,747.50
Ann Arbor Landscaping, Inc.	\$ 136,970.00
Great Lakes Environmental	\$ 145,831.00

Elite Lawn & Landscape, Inc.	\$ 160, 898.88
Chas F. Irish Co., Inc.	\$ 191,829.50
Royalty Services, Inc.	\$ 241,614.00



## CITY OF NOVI

### 2008 Spring Tree Planting Specifications

#### MEMORANDUM OF UNDERSTANDING

The undersigned hereby declares that he/she has carefully examined the general conditions and specifications and will provide tree planting services for the price set forth in this proposal. Any changes to the specifications and its impact on the final cost will be discussed and mutually agreed upon before the delivery of the product.

It is understood that all proposal prices shall remain in effect for at least one-hundred fifty (150) days from the date of the proposal opening to allow for the award of the proposal and that, if chosen the successful vendor (s), the prices will remain firm through the term of the contract.

This proposal is genuine and not collusive or sham and that the Contractor has not in any manner, directly or indirectly, agreed or colluded with any other firm or association to submit a sham proposal or to refrain from proposing or in any way fix this proposal or that if any other Contractor or to secure any advantage against the City of Novi.

The Contractor in submitting this proposal agrees that the Contractor shall include in their resume any and all information pertinent to aiding the City in determining the abilities of the Contractor. Contractor shall submit, along with their proposal a list of their equipment for city inspection. Contractor shall execute a contract awarded on the basis of this proposal within ten (10) days after being notified to proceed with work.

Representative's Name: Chris Cagle

Title: Owner

Signature: Chris Cagle Date: 2/28/08

Firm Name: Panoramic Landscaping

Address: 40575 Panoramic Grand River Ave

City: NOVI State: MI Zip: 48375

Telephone Number: 248.471.4794 Fax Number: 248.471.5393

Email Address: lizzyglesner@yahoo.com



**CITY OF NOVI**  
**OFFICIAL BID FORM FOR BID**  
**(BID #1 Major Roads, Subdivisions, and Parks)**

*All trees 2.5 inch caliper (all trees must be single stemmed tree-form unless requested otherwise by the City)*

Acceptable species of Plant Material	# of Trees	Source /Phone #	Unit Cost (1 Yr.)	TOTAL	ALT. A Unit Cost (2 Yr.)	TOTAL ALT. A
ACER freemanii 'Autumn Blaze' (Autumn Blaze Maple)	20		165.	3,300.	185.	3,700.
AESCULUS hippocastanum 'Ruby Red' (Ruby Red Horsechestnut)	15		250.	3,750.	265.	3,975.
MALUS spp. 'Indian Spring' 'Red Jewel' (Crabapple)	15		145.	2,175.	175.	2,625.
PYRUS calleryana 'Aristocrat' (Aristocrat Callery Pear)	15		155.	2,325.	175.	2,625.
QUERCUS bicolor (Swamp White Oak)	15		205.	3,075.	235.	3,525.
SYRINGA reticulata (Japanese Tree Lilac)	20		225.	4,500.	255.	5,100.
TILIA tomentosa (Silver Linden)	15		195.	2,925.	235.	3,525.
ULMUS parvifolia 'Pathfinder', 'Dynasty', 'Drake', and 'Prospector' (Chinese Lacebark Elm/DED Resistant)	25		195.	4,875.	235.	5,875.
ZELKOVA serrata 'Village Green' (Zelkova)	20		195.	3,900.	235.	4,700.
ACER freemanii 'Autumn Blaze' (Autumn Blaze Maple) 2 inch caliper	5		145.	725.	165.	825.
QUERCUS bicolor (Swamp White Oak) 2 inch caliper	5		185.	925.	215.	1,075.
ULMUS parvifolia (Chinese Lacebark Elm/DED Resistant) 2 inch caliper	5		165.	825.	205.	1,025.
Substitution 1 : (Contractor Propose)						
Substitution 2 : (Contractor Propose)						
<b>TOTALS</b>	<b>175</b>			<b>33,300</b>		<b>38,575</b>

This organization \_\_\_\_\_ shall plant approximately 175 trees using the Planting Detail provided.

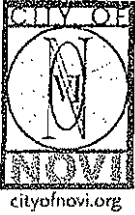
Total Price for planting approximately 175 trees # 33,300.00 / # 38,575.00

Company Name Panoramic Land. Representative Chris Cagle

We hereby accept all Terms and Conditions of the Spring 2008 Specifications.

Representative Signature Chris Cagle Telephone 248 471-4794

**NOTE:** The above plant list is for the Contractor's information only, and no guarantee is expressed or implied that quantities therein are correct or that the list is complete.



**CITY OF NOVI**  
**OFFICIAL BID FORM FOR BID**  
**(BID #2: I-96/Beck Road Interchange)**

*All trees 2 inch caliper (all trees must be single stemmed tree-form unless requested otherwise by the City)*

Acceptable species of Plant Material	# of Trees	Source /Phone #	Unit Cost (1 Yr.)	TOTAL	ALT. A Unit Cost (2 Yr.)	TOTAL ALT. A
ACER campestre 'Queen Elizabeth' (Hedge Maple)	22		165.	3,630	205.	4,510.
ACER freemanii 'Autumn Blaze' (Autumn Blaze Maple)	16		145.	2,320.	165.	2,640.
ACER ginnala (Amur Maple) -Single stem tree form	20		175.	3,500	215.	4,300.
AESCULUS hippocastanum 'Ruby Red' (Ruby Red Horsechestnut)	17		205.	3,485.	225.	3,825.
CRATAEGUS viridis 'Winter King' (Winter King Hawthorn)	23		165.	3,795.	185.	4,255.
GINGKO biloba 'Magyar' (Magyar Gingko/MALE only)	18		185.	3,300.	225.	4,050.
KOELREUTERIA paniculata (Goldenrain Tree)	21		165.	3,465.	185.	3,885.
MALUS spp. 'Prariefire' 'Red Jewel' (Crabapple)	24		145.	3,480.	165.	3,960.
METASEQUOIA glyptostroboides 'Feathers' (Dawn Redwood)	12		145.	1,740.	165.	1,980.
PICEA glauca (White Spruce)	48		95.	4,560.	125.	6,000.
PICEA pungens (Blue Spruce)	22		95.	2,090.	125.	2,750.
PINUS nigra (Austrain Pine)	31		95.	2,945.	125.	3,875.
SYRINGA reticulata (Japanese Tree Lilac)	25		175.	4,375.	205.	5,125.
ULMUS x 'Pioneer' (Pioneer Elm)	26		175.	4,550.	225.	5,850.
<b>TOTALS</b>	<b>325</b>			<b>47,265</b>		<b>57,005</b>

This organization \_\_\_\_\_ shall plant approximately 325 (2-inch caliper) trees using the MDOT Planting Detail provided, unless otherwise directed by the City.

Total Price for planting approximately 325 trees # 47,265.00 / #57,005.00

Company Name Panoramic Landscaping  
 Representative Chris Cagle

We hereby accept all Terms and Conditions of the Spring 2008 Specifications.

Representative Signature Chris Cagle Telephone 248-471-4794

**NOTE:** The above plant list is for the Contractor's information only, and no guarantee is expressed or implied that quantities therein are correct or that the list is complete.



CITY OF NOVI

Spring 2008 Tree Planting Specifications

TREE PLANTING QUESTIONNAIRE FORM

Date: 2/28/08

Firm Name: Panoramic Landscaping, Inc.

Address: 40575 Grand River Avenue

City: Novi State: MI Zip: 48375

Telephone Number: 248.471.4794

Fax Number: 248.471.5393

Email Address: lizzyglessner@yahoo.com

Firm Established: 1984 Years in Business: 23

Type of Organization: (Circle One)

- a. Individual b. Partnership c. Corporation d. Joint Venture e. Other

How many full time employees? 30

How many part time employees? 20

Provide information relative to the experience your company has had working with municipalities. Please provide the names of municipalities where service was provided.

City of Novi
Northville
Hartland
Farmington

Provide information relative to the experience your company has had working with MDOT. Please provide the names of sites where service was provided.

NOTE - per conversation - Panoramic had performed work for MDOT App. 7-8 ago.

Provide information relative to the experience and financial capability of your company to carry out the terms of this contract.

I supply landscaping, garden center & fresh produce. for 30 yrs.

Identify those in your firm who would be responsible, including on-site supervision for this project, and submit copies of their certifications. Include educational background of principals and those who will be working on the project.

Chris Cagle - owner/information is on file with the city.

How many clients does your company currently serve with the type of services described? Provide a list.

Century Truss Company  
Singh J Developers  
Phoenix Home Bldg  
City of Novi

Please provide a list of client references (minimum of 5). Include name, address, phone number and contact person. Please include any municipalities (or other governmental agencies) that you worked for.

City of Novi - Steve Printz  
Century Truss - Randy Bergeron  
Singh - Chris Sancier  
Phoenix - Lorne Sweetman  
The Windmill Group

Provide an Equipment List that will be on site and available for use by the crew performing tree planting (including skid loaders, trucks, tractors, trailers...).

(4) Track Loaders  
(3) Skid Steers  
(2) Tractors  
(6) Trailers  
(11) Trucks

Based on your current resources, are you available to plant the quantity of trees identified within the timeframe allocated? Please explain.

yes, we've done it before in several instances

Provide a description of your company's philosophy relative to tree planting.

1. Good quality trees  
2. Professional planting  
3. Warranty



BID #1 -Major Roads, Subdivisions, Parks

CITY OF NOVI - Spring 2008 Street Tree Bid Tab

BID #1 -		Thoms Bros	Thoms Total	Marine City	Marine City Total	Lodi Farms	Lodi Total	B & B	B&B Total	Great Lakes	Great Lakes Total	Greg Davis	Greg Davis Total	Ann Arbor Land	Ann Arbor Total	Reliable	Reliable Total	United Lawn	United Total	Royalty	Royalty Total	Elite Lawn	Elite Total	Chas F. Irish	Chas F. Irish Total	Panorami c	Panorami c Total		
<b>BID #1 - ALTERNATE A (2 yr. warranty)</b>																													
ACER freemanii 'Autumn Blaze'	Autumn Blaze Maple	20	240	4,800	290	5,800	215	4,300.00	220	4,400	225.00	4,500.00	180	3,600	275.00	5,500.00	201.36	4,027.20	233	4,660	543	10,860	280.00	5,600.00	414.60	8,292.00	185	3,700	
AESCULUS hippocastanum	Ruby Red Horsechestnut	15	365	5,775	290	4,350	330	4,950.00	285	4,275	306.00	4,590.00	270	4,050	375.00	5,625.00	315.00	4,725.00	370	5,550	543	8,145	484.80	6,972.00	414.60	6,219.00	265	3,975	
MALUS spp. 'Indian Spring'	Red Jewel	15	203.50	3,052.50	290	4,350	200	3,000.00	180	2,700	221.00	3,315.00	180	2,700	275.00	4,125.00	172.50	2,587.50	192	2,880	468	7,020	254.80	3,822.00	414.60	6,219.00	175	2,625	
PYRUS calleryana 'Aristocrat'	Aristocrat Callery Pear	15	225	3,375	290	4,350	200	3,000.00	200	3,000	236.00	3,540.00	180	2,700	275.00	4,125.00	201.00	3,015.00	240	3,600	562	8,430	296.80	4,452.00	414.60	6,219.00	175	2,625	
QUERCUS bicolor	Swamp White Oak	15	302.50	4,537.50	290	4,950	300	4,500.00	260	3,900	286.00	4,290.00	186	2,790	285.00	4,275.00	296.00	4,440.00	289	4,335	562	8,430	436.80	6,562.00	414.60	6,219.00	235	3,625	
SYRINGA reticulata	Japanses Tree Lilac	20	357.50	7,150.00	290	5,800	330	6,600.00	285	5,700	290.00	5,800.00	271.20	5,424.00	340.00	6,800.00	277.00	5,540.00	343	6,860	637	12,740	408.80	8,176.00	414.60	8,292.00	255	5,100	
LILIA tomentosa	Silver Linden	15	385	5,775	290	4,350	330	4,950.00	275	4,125	338.00	5,040.00	222	3,330	325.00	4,875.00	315.00	4,725.00	365	5,475	543	8,145	464.80	6,972.00	414.60	6,219.00	235	3,525	
JLMUS parvifolia 'Pathfinder', Dynasty	Chinese Lacebark	25	330	8,250	290	7,250	302	7,550.00		0	331.00	8,275.00	186	4,850	350.00	8,750.00	343.50	8,587.50	323	8,075	618	15,450	506.80	12,670.00	414.60	10,365.00	235	5,875	
ZELKOVA serrata 'Village Green'	Zelkova	20	330	6,600	290	5,800	270	5,400.00		0	276.00	5,520.00	186	4,720	300.00	6,000.00	239.00	4,760.00	326	6,520	637	12,740	352.80	7,056.00	414.60	8,292.00	235	4,700	
ACER freemanii 'Autumn Blaze' 2" caliper	Autumn Blaze Maple	5	190	950	240	1,200	175	875.00	175	875	235.00	1,175.00	168	840	275.00	1,375.00	159.20	796.00	161	805	367	1,835	235.20	1,176.00	414.60	2,073.00	165	825	
QUERCUS bicolor (2" caliper)	Swamp White Oak	5	247.50	1,237.50	240	1,200	230	1,150.00	220	1,100	275.00	1,375.00	186	930	285.00	1,425.00	229.50	1,147.50	216	1,080	562	2,810	338.80	1,694.00	498.05	2,490.25	215	1,075	
JLMUS parvifolia 'Pathfinder', Dynasty (2" caliper)	Chinese Lacebark	5	275	1,375	240	1,200	230	1,150.00	250	1,250	276.00	1,380.00	180	900	325.00	1,625.00	258.00	1,290.00	251	1,255	393	1,965	380.80	1,904.00	498.05	2,490.25	205	1,025	
Substitution 1 :				0		0		0.00	300	7,500			200																0
Substitution 2 :				0		0		0.00	230	4,600			186																0
<b>TOTAL</b>		<b>175</b>		<b>52,877.60</b>		<b>60,000</b>		<b>47,425.00</b>		<b>43,425</b>		<b>48,800.00</b>		<b>35,534.00</b>		<b>54,500.00</b>		<b>45,660.70</b>		<b>61,095</b>		<b>98,570</b>		<b>67,046.00</b>		<b>73,389.50</b>		<b>38,575</b>	

Corrections not initiated

Information error

Information error

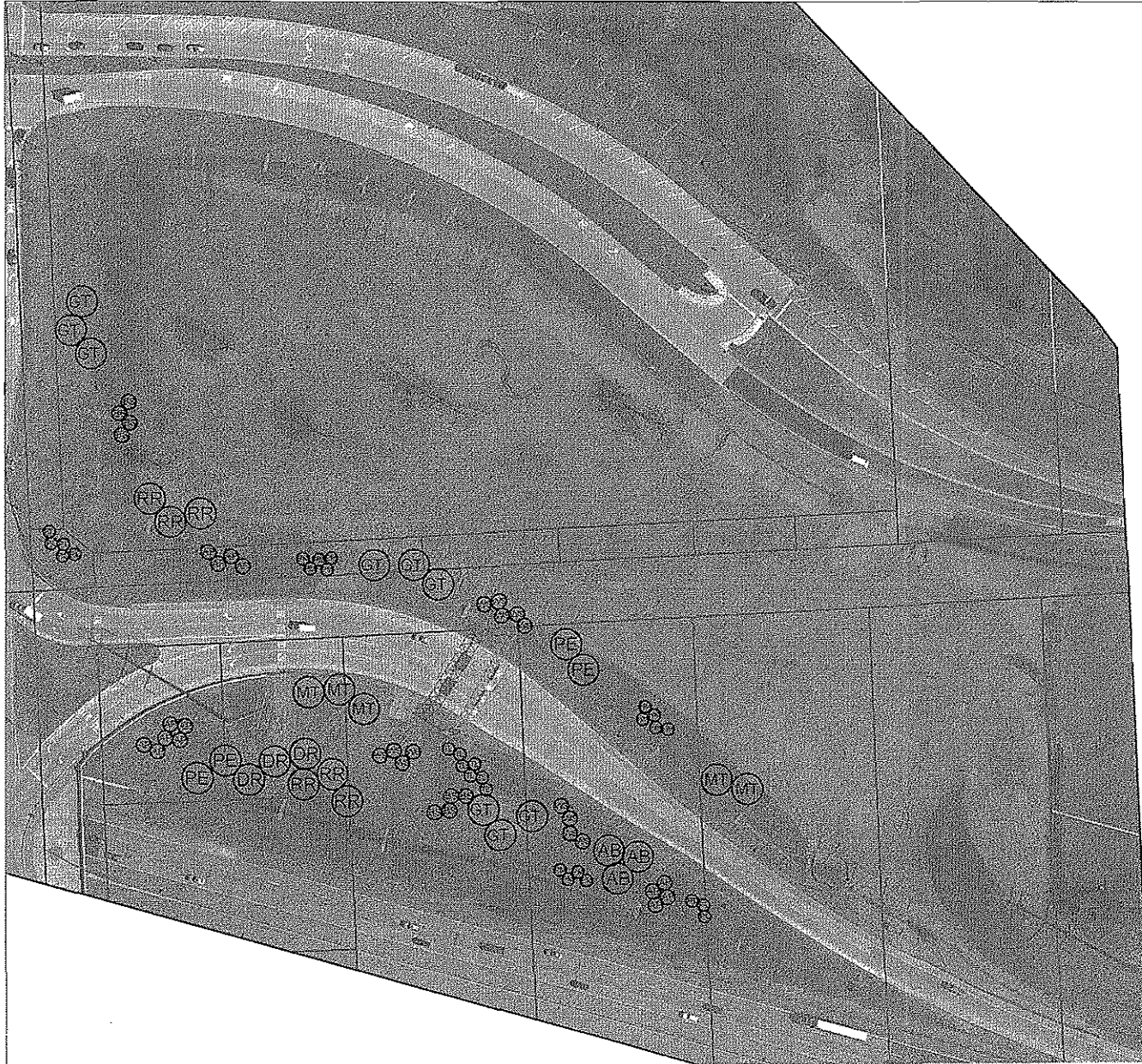
BID #2 -		# of Trees	Thoms Bros	Thoms Total	Marine City	Marine City Total	Lodi Farms	Lodi Total	B & B	B&B Total	Great Lakes	Great Lakes Total	Greg Davis	Greg Davis Total	Ann Arbor Land	Ann Arbor Total	Reliable	Reliable Total	United Lawn	United Total	Royalty	Royalty Total	Elite Lawn	Elite Total	Chas F. Irish	Chas F. Irish Total	Panorami c	Panorami c Total
<b>BID #2 - 1 Yr. warranty</b>																												
<b>BID #2 - ALTERNATE A (2 yr. warranty)</b>																												
ACER campestre 'Queen Elizabeth'	Hedge Maple	22	265	5,830	240	5,290	200	4,400	200	4,400	246	5,412	no unit	3,696	250	5,500	163.00	3,586.00	243	5,346	506	11,132	224.00	4,928.00	361.19	7,946.18	205	4,510
ACER freemanii 'Autumn Blaze'	Maple	16	300	4,800	240	3,840	175	2,800	175	2,800	246	3,936	no unit	2,400	250	4,000	159.20	2,547.20	161	2,576	506	8,096	218.38	3,494.98	361.19	5,779.04	185	2,640
ACER glaberrima - single stem tree form	Amur Maple	20	275	5,500	240	4,800	225	4,500	200	4,000	256	5,120	no unit	3,960	250	5,000	201.00	4,020.00	251	5,020	468	9,360	280.00	5,600.00	361.19	7,223.80	215	4,300
AESCULUS hippocastanum Ruby Red	Ruby Red Horsechestnut	17	300	5,100	240	4,080	300	5,100	240	4,080	306	5,202	no unit	4,182	300	5,100	277.00	4,709.00	280	4,760	468	7,966	392.00	6,664.00	361.19	6,140.23	225	3,525
FRAXINUS viridis 'Winter King'	Winter King Hawthorn	23	205	4,715	240	5,520	205	4,715	200	4,600	254	5,842	no unit	3,726	250	5,750	178.20	4,098.60	182	4,186	506	11,638	246.40	5,667.20	361.19	8,307.37	185	4,255
MAGNOLIA biloba 'Magyar'	Magyar Ginkgo/ Male only	18	305	5,490	240	4,320	275	4,950	250	4,500	395	7,110	no unit	3,672	310	5,580	408.10	7,345.80	280	5,040	506	9,106	585.20	10,533.80	361.19	6,501.42	225	4,050
QUERCUS bicolor	Goldenrain Tree	21	295	6,195	240	5,040	265	5,565	200	4,200	326	6,846	no unit	4,233.60	310	6,510	315.00	6,615.00	278	5,838	506	10,626	448.00	9,408.00	361.19	7,584.99	185	3,885
MALUS spp. 'Prairiefire' 'Red Jewel'	Crabapple	24	185	4,440	240	5,760	160	3,640	165	3,960	241	5,784	no unit	3,600	190	4,560	153.50	3,684.00	161	3,864	468	11,232	210.00	5,040.00	361.19	8,668.56	165	3,960
LYPTOCARPA glauca	Dawn Redwood	12	225	2,700	240	2,880	215	2,580	180	2,160	241	2,892	no unit	2,016	275	3,300	191.50	2,298.00	194	2,328	468	5,616	238.00	2,856.00	361.19	4,334.28	165	1,980
CELASTRUM scaberrimum 'Feathers'	White Spruce	48	185	8,880	145	6,960	120	5,760	180	8,640	235	11,260	no unit	7,488	215	10,320	142.10	6,820.80	114	5,472	318	15,264	193.20	9,273.60	361.19	17,337.12	125	6,000
CELASTRUM scaberrimum	Blue Spruce	22	185	4,070	145	3,190	120	2,640	180	3,960	235	5,170	no unit	3,432	215	4,730	142.10	3,126.20	114	2,508	318	6,996	193.20	4,250.40	361.19	7,946.18	125	2,750
QUERCUS nigra	Austrian Pine	31	190	5,890	145	4,465	140	4,340	180	5,580	241	7,471	no unit	4,278	220	6,820	153.50	4,756.50	114	3,534	318	9,858	210.00	6,510.00	361.19	11,196.89	125	5,875
SYRINGA reticulata	Japanese Tree Lilac	25	300	7,500	240	6,000	270	6,750	250	6,250	296	7,400	no unit	4,500	300	7,500	277.00	6,925.00	266	6,650	618	15,450	392.00	9,800.00	361.19	9,029.75	205	5,125
JLMUS x 'Pioneer'	Pioneer Elm	26	260	6,760	240	6,240	240	6,240	250	6,500	291	7,566	no unit	4,368	300	7,800	257.50	6,695.00	245	6,370	412	10,712	378.00	9,628.00	405.18	10,534.94	225	5,850
<b>TOTALS</b>		<b>325</b>		<b>77,870</b>		<b>68,405</b>		<b>64,150</b>		<b>65,630</b>		<b>87,031</b>		<b>55,551.60</b>		<b>82,470</b>		<b>67,225.10</b>		<b>63,492</b>		<b>143,044</b>		<b>93,852.56</b>		<b>118,530.76</b>		<b>57,005</b>

Corrections made without intialing

Information error

Information error

# EXHIBIT E – TREE PLANTING PLANS



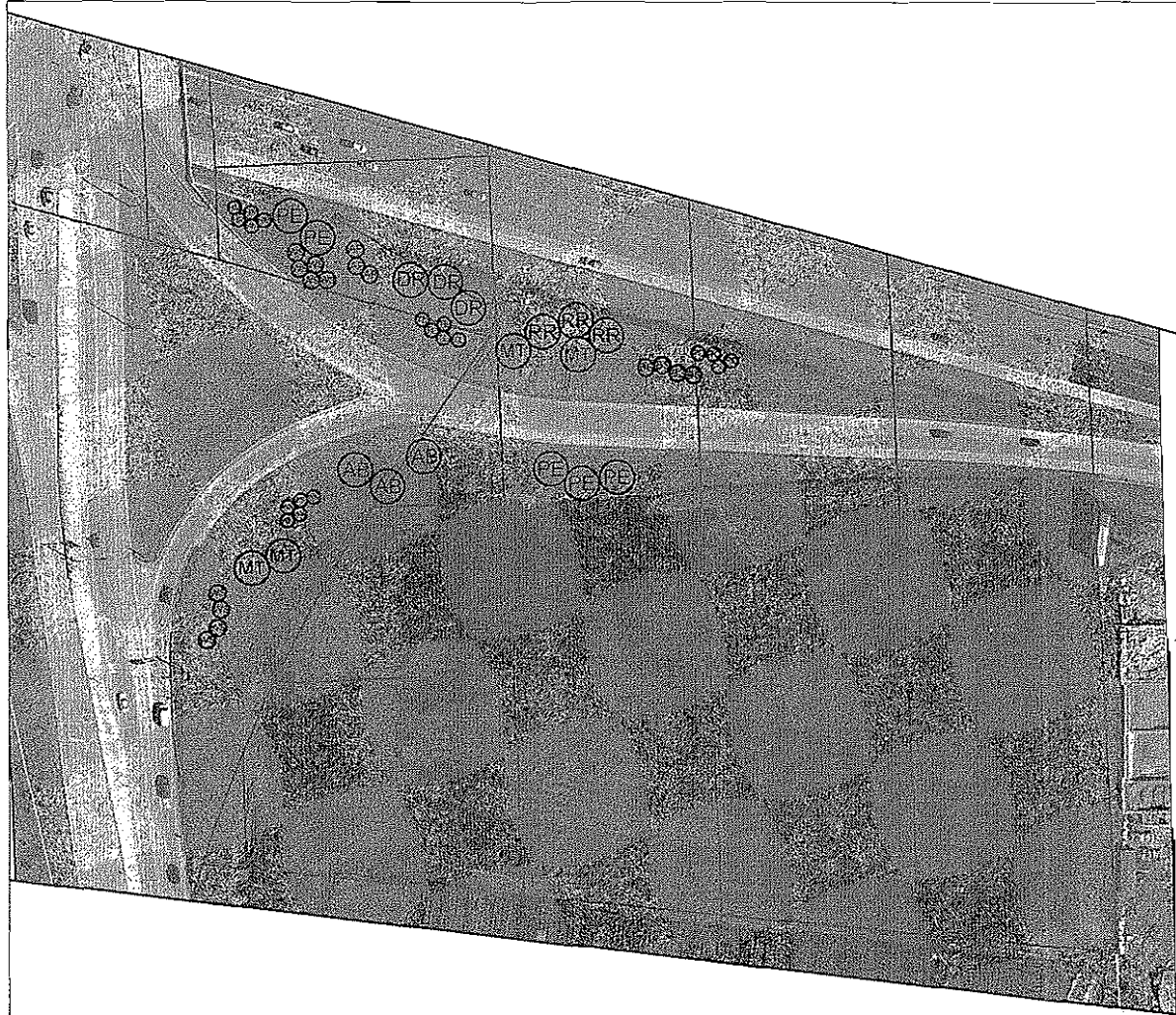
## PLANT LIST

QTY	SYM	PLANT NAME	SIZE	COMMENT
3	AB	Acer Freemanii 'Autumn Blaze' - Autumn Blaze Maple	2" CAL.	B & B
6	RR	Aesculus hippocastanum 'Ruby Red' - Ruby Red Horsechestnut	2" CAL.	B & B
3	DR	Metasequoia glyptostroboides - Dawn Redwood	2" CAL.	B & B
9	ST	Koelreuteria paniculata - Goldenrain Tree	2" CAL.	B & B
5	MT	Ginkgo biloba - Maidenhair Tree	2" CAL.	B & B
4	PE	Ulmus x 'Pioneer' - Pioneer Elm	2" CAL.	B & B
13	P	Picea glauca - White Spruce	6'-8" HT.	B & B
8	P	Picea pungens - Blue Spruce	6'-8" HT.	B & B
14	G	Pinus nigra - Austrian Pine	6'-8" HT.	B & B
5	P	Acer campestre 'Queen Elizabeth' - Hedge Maple	1.5" CAL.	B & B
9	P	Acer ginnala - Amur Maple	8" HT.	B & B
0	P	Crataegus viridis 'Winter King' - Winter King Hawthorn	1.5" CAL.	B & B
8	P	Malus 'Prariefire' - Prariefire Crabapple	1.5" CAL.	B & B
7	P	Sophora japonica - Japanese Tree Lilac	1.5" CAL.	B & B



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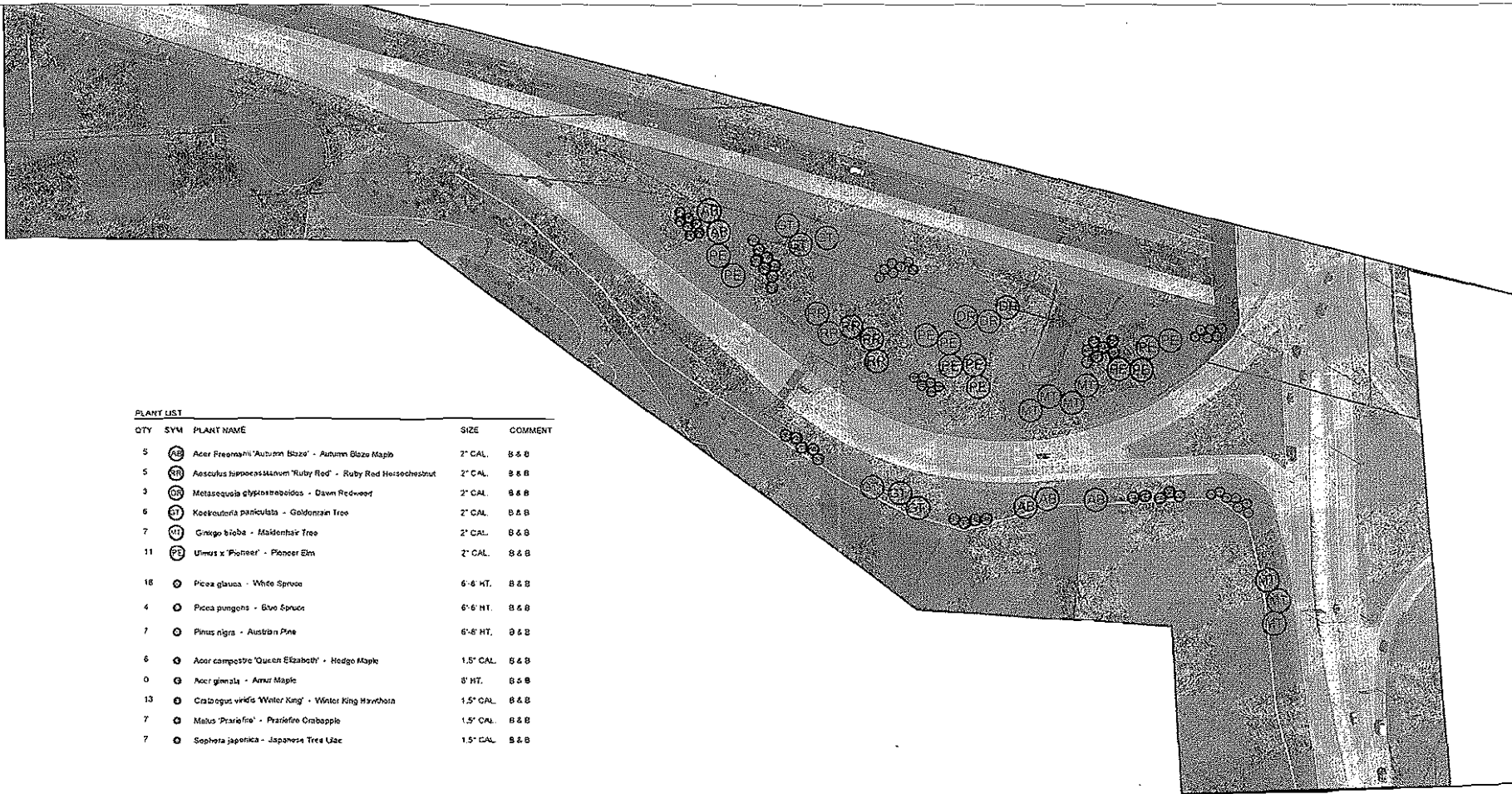
PLANT LIST

QTY	SYM	PLANT NAME	SIZE	COMMENT
3	AB	Acer Freemanii 'Autumn Blaze' - Autumn Blaze Maple	2" CAL.	B & B
3	RR	Aesculus hippocastanum 'Ruby Red' - Ruby Red Horsechestnut	2" CAL.	B & B
3	DR	Metasequoia glyptostroboides - Dawn Redwood	2" CAL.	B & B
0	ST	Koelreuteria paniculata - Goldenrain Tree	2" CAL.	B & B
4	MT	Ginkgo biloba - Maidenhair Tree	2" CAL.	B & B
5	PE	Ulmus x 'Pioneer' - Pioneer Elm	2" CAL.	B & B
9	⊙	Picea glauca - White Spruce	6'-8' HT.	B & B
4	⊙	Picea pungens - Blue Spruce	6'-8' HT.	B & B
3	⊙	Pinus nigra - Austrian Pine	6'-8' HT.	B & B
5	⊙	Acer campestre 'Queen Elizabeth' - Hedge Maple	1.5" CAL.	B & B
0	⊙	Acer ginnala - Amur Maple	8' HT.	B & B
5	⊙	Crataegus viridis 'Winter King' - Winter King Hawthorn	1.5" CAL.	B & B
4	⊙	Malus 'Prariefire' - Prairiefire Crabapple	1.5" CAL.	B & B
5	⊙	Sophora japonica - Japanese Tree Lilac	1.5" CAL.	B & B



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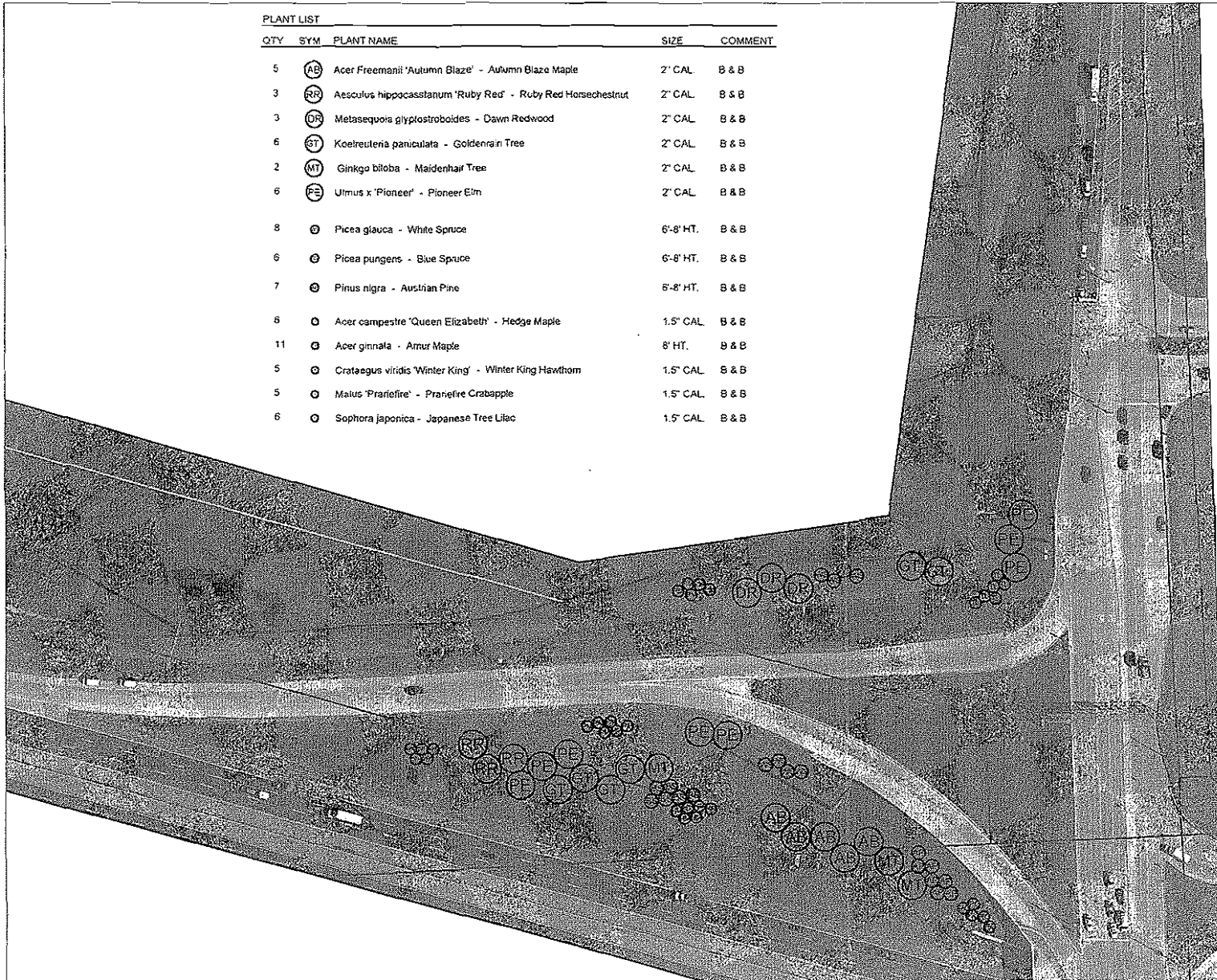


PLANT LIST

QTY	SYM	PLANT NAME	SIZE	COMMENT
5	AB	Acer Freemanii 'Autumn Blaze' - Autumn Blaze Maple	2" CAL.	B & B
5	AD	Aesculus hippocastanum 'Ruby Red' - Ruby Red Horsechestnut	2" CAL.	B & B
3	AG	Metasequoia glyptostroboides - Dawn Redwood	2" CAL.	B & B
6	AI	Koeleria paniculata - Goldenrain Tree	2" CAL.	B & B
7	AM	Ginkgo biloba - Maidenhair Tree	2" CAL.	B & B
11	AP	Ulmus x 'Pioneer' - Pioneer Elm	2" CAL.	B & B
16	AO	Picea glauca - White Spruce	6'-6" HT.	B & B
4	AR	Picea pungens - Blue Spruce	6'-6" HT.	B & B
7	AS	Pinus nigra - Austrian Pine	6'-6" HT.	B & B
6	AT	Acer campestre 'Queen Elizabeth' - Hedge Maple	1.5" CAL.	B & B
0	AV	Acer glabrum - Amur Maple	8" HT.	B & B
13	AW	Crataegus viridis 'Winter King' - Winter King Hawthorn	1.5" CAL.	B & B
7	AX	Malus 'Prarie Fire' - Prairie Fire Crabapple	1.5" CAL.	B & B
7	AY	Sophora japonica - Japanese Tree Lilac	1.5" CAL.	B & B

PLANT LIST

QTY	SYM	PLANT NAME	SIZE	COMMENT
5	AB	Acer Freemanii 'Autumn Blaze' - Autumn Blaze Maple	2' CAL.	B & B
3	RR	Aesculus hippocastanum 'Ruby Red' - Ruby Red Horsechestnut	2' CAL.	B & B
3	DR	Metasequoia glyptostroboides - Dawn Redwood	2' CAL.	B & B
6	ST	Koeleruteria paniculata - Goldenrain Tree	2' CAL.	B & B
2	MT	Ginkgo biloba - Maidenhair Tree	2' CAL.	B & B
6	PE	Ulmus x 'Pioneer' - Pioneer Elm	2' CAL.	B & B
8	⊙	Picea glauca - White Spruce	6'-8' HT.	B & B
6	⊙	Picea pungens - Blue Spruce	6'-8' HT.	B & B
7	⊙	Pinus nigra - Austrian Pine	6'-8' HT.	B & B
8	⊙	Acer campestre 'Queen Elizabeth' - Hedge Maple	1.5" CAL.	B & B
11	⊙	Acer ginnala - Amur Maple	8' HT.	B & B
5	⊙	Crataegus viridis 'Winter King' - Winter King Hawthorn	1.5" CAL.	B & B
5	⊙	Malus 'Prariefire' - Prairiefire Crabapple	1.5" CAL.	B & B
6	⊙	Sophora japonica - Japanese Tree Lilac	1.5" CAL.	B & B



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