

**CITY OF DELAWARE
SHADE TREE COMMISSION
MOSES BYXBE ROOM-MINGO PARK
500 EAST LINCOLN AVENUE
7:00 P.M.**

AGENDA

MAY 26, 2015

1. ROLL CALL
2. APPROVAL of the Motion Summary for the meeting held April 28, 2015 as recorded and transcribed.
3. PUBLIC COMMENTS
4. DISCUSSION of Tree Stewardship Program
5. DISCUSSION on Final Watershed Festival Plans
6. ARBORIST REPORT
7. STAFF COMMENTS
8. MEMBER COMMENTS
9. PLAN REVIEWS
 - A. Village Gate Apartments
 - B. Stop-N-Go-Storage Facility
 - C. Ohio Wesleyan University Student Housing (Informational)
10. ADJOURNMENT

ITEM 2

SHADE TREE COMMISSION
April 28, 2015
MOTION SUMMARY

ITEM 1. Roll Call

Chairman Carey called the meeting to order at 7:00 p.m.

Members Present: Jim Buck, Michaela Dean, Brenda Hendricks, Tom Glissman (arrived at 7:04 p.m.), Amanda Mowry, Paul Olen, Tom Wolber, Councilmember Joe DiGenova, Vice-Chairwoman Susan Wright, and Chairman Dave Carey

Staff Present: Doug Richmond, City Arborist, Linda Mathews, Customer Service Liaison, and Dave Efland, Planning and Community Development Director

Motion to Excuse: Councilmember DiGenova moved to excuse Mr. Glissman, seconded by Mr. Olen. Motion approved by an 8-0-1 (Wolber) vote.

ITEM 2. APPROVAL OF MOTION SUMMARY of Shade Tree Commission meeting of March 24, 2015 as recorded and transcribed.

Motion: Vice-Chairwoman Wright moved to approve the Motion Summary for the March 24, 2015 meeting, seconded by Ms. Dean. Motion passed by a 9-0 vote.

Mr. Glissman arrived at the Shade Tree meeting at 7:04 p.m.

ITEM 3. PUBLIC COMMENTS

Jeff Rike
120 Diverston Way
Delaware, Ohio 43015

Mr. Rike voiced concerns regarding the previous removal of the ash trees on his property by the City of Delaware. Mr. Rike stated that he was not notified of the date of the removal and had requested to be notified prior to the removal due to his underground sprinkler system. Mr. Rike stated that after the removal his sprinkler system was damaged from a blown line. Mr. Rike requested that he be notified for the planting of the replacement trees to avoid further damage. Mr. Richmond informed Mr. Rike that he will review the records and review his findings with Mr. Rike.

ITEM 4. DISCUSSION of Delaware City Schools Improvements-Dave Efland

Mr. Efland discussed with the Shade Tree Commission any concerns or questions regarding the Delaware City Schools Improvements.

Mr. Olen voiced concern that a precedent was set to not replace trees that will be cut down. Mr. Efland reviewed the tree plan for the schools and the placement of a permanent conservation area and informed the Commission that there was no prior protection before the approved project. Mr. Efland recommended that the Commission go before the school board to request a conservation easement on school properties and encourage the school district to be a good steward of the environment.

Ms. Hendricks discussed the need to have a written agreement to protect both current and future parties involved. Ms. Hendricks also discussed the idea to use students to plant trees and take care of them on designated school grounds as an education program and as a cost saving method.

Vice-Chairman Wright recommended that discussion of conservation with the school district be a future agenda item.

ITEM 5. DISCUSSION of First Friday and Watershed Festival Activities

A discussion was held on the details of the First Friday event. Vice-Chairman Wright plans to email the volunteer schedule out for the event. Ms. Mathews requested information on the table location but did not hear back from Main Street Delaware. Ms. Mathews plans to email this information when available.

Mr. Wolber provided the Commission with a copy of his pamphlet for feedback. Ms. Mathews explained to the Commission that the City Manager will need to provide approval prior to the distribution of the pamphlets. Chairman Carey recommended that the direct website be listed on the pamphlet and Councilman DiGenova recommended that the pamphlet be condensed and revised for the upcoming Watershed Festival. Ms. Mathews recommended that a digital copy be sent to Lee Yoakum to allow for revisions and modifications as needed.

Mr. Olen discussed the activities for kids during the Watershed Festival. Mr. Olen recommended a coloring table, a tree identification activity, and a scavenger hunt. Mr. Olen requested help from the Commission on finding appropriate coloring pages and how to set up the scavenger hunt. Ms. Dean recommended that the hunt be done with photo identification on smart phones and cameras to prevent damage to trees.

ITEM 6. DISCUSSION of Tree Stewardship Tree Program

Mr. Richmond presented the Commission with a copy of the volunteer agreement forms. Vice-Chairman Wright stated that she needed to follow-up with the Master Gardeners. Ms. Dean will email the revised list of responsibilities to the Commission and Vice-Chairwoman Wright to review the responsibilities with the Master Gardeners. Vice-Chairwoman Wright will invite a representative of the Master Gardeners to the Shade Tree Commission meeting in May to set up a working training session.

ITEM 7. ARBORIST REPORT.

Mr. Richmond provided the Arborist report for April 2015. Mr. Richmond informed the Commission that eight trees were removed due to mortality issues and one additional maple tree was removed by AEP. Mr. Richmond reviewed the tree maintenance for April and issues and concerns.

Mr. Richmond discussed his recent experience when attending the Tree City USA awards event on April 16th in Bellefontaine. Mr. Richmond stated that he spoke with other community shade tree members to discuss their involvement and found that many other shade tree community members complete their own pruning.

ITEM 8. STAFF COMMENTS

ITEM 9. MEMBER COMMENTS

Mr. Glissman asked if the city could have damaged a sprinkler system during the tree removal process. Mr. Richmond explained that the sprinkler would have to had been placed in the right-of-way and that if the city needed to dig they would contact O.U.P.S. prior to digging to locate underground utilities.

Ms. Hendricks asked on plans to preserve tree to keep dirt and trucks out. Chairman Carey stated that there was no formal definition of protection and feels that if they want to save a tree on an improvement site then the commission needs to recommend to council procedures to help protect the tree.

Ms. Dean stated that May will be her last meeting as a member of the Shade Tree Commission.

Chairman Carey discussed the opportunity to have a guest speaker if the City of Delaware is willing to host a Tree City USA event. Ms. Mathews explained that money to cover the cost of the event would need to be asked for during the budget process and would need firm ideas and location to know what the needs are.

Mr. Wolber provided a copy of an article from the Delaware Gazette on Delaware being awarded its 34th consecutive year of being a Tree City USA. Mr. Wolber also provided an article on the emerald ash borer.

ITEM 10. PLAN REVIEWS

- A. Curtis Farms-Phases 3 and 4- plan approved as modified by the city arborist.
- B. Stockdale Farms Tree Survey

ITEM 11. ADJOURNMENT

Motion: Ms. Dean moved to adjourn the meeting, seconded by Mr. Wolber. The Shade Tree Commission meeting adjourned at 8:55 p.m.

Chairman Carey

Elaine McCloskey, Clerk

ITEM 6

**Arborist Report
Monthly Summary
Reporting Month-May 2015**

Activity completed in May 2015

I. Tree and Stump Removals

- 16 Trees were removed due to mortality issues. 4 – 20+” Silver Maple, 4 - 12” Ash Trees, 1 – 24” Ash Tree, 3 Greenspire Linden, 3 – 6” Bradford Pear.

II. Tree Maintenance

28 street trees were pruned for street, sidewalk, and signage clearance,.

III. Inventories

IV. Issues/Concerns

- Ongoing project to shape street trees to allow for sidewalk and roadway clearance based on CSR request and areas needing the most attention. Project will continue through 2015. Weather has caused delay in this project.

- AEP will be pruning for line clearance along Pennsylvania Ave. and Troy Road this month and June.

- Have noticed issues with two tree species that were planted this last fall. The Zelkova trees that were obtained from a single nursery have all died. The cause is unclear. However supplier has issued a full refund for these 16 trees.
The other tree is the Black Tupelo that were planted by contractors in new developments. I am pretty sure it was a supplier issue as the ones we have planted have so far done fairly well with no losses. I sill have these on the replant lists for the developers for this fall.

We have experienced some losses as well from last fall. I will be performing the tree mortality count this month so final numbers should be available by next meeting in June.

V. Staff

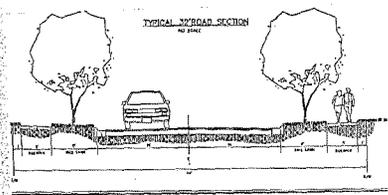
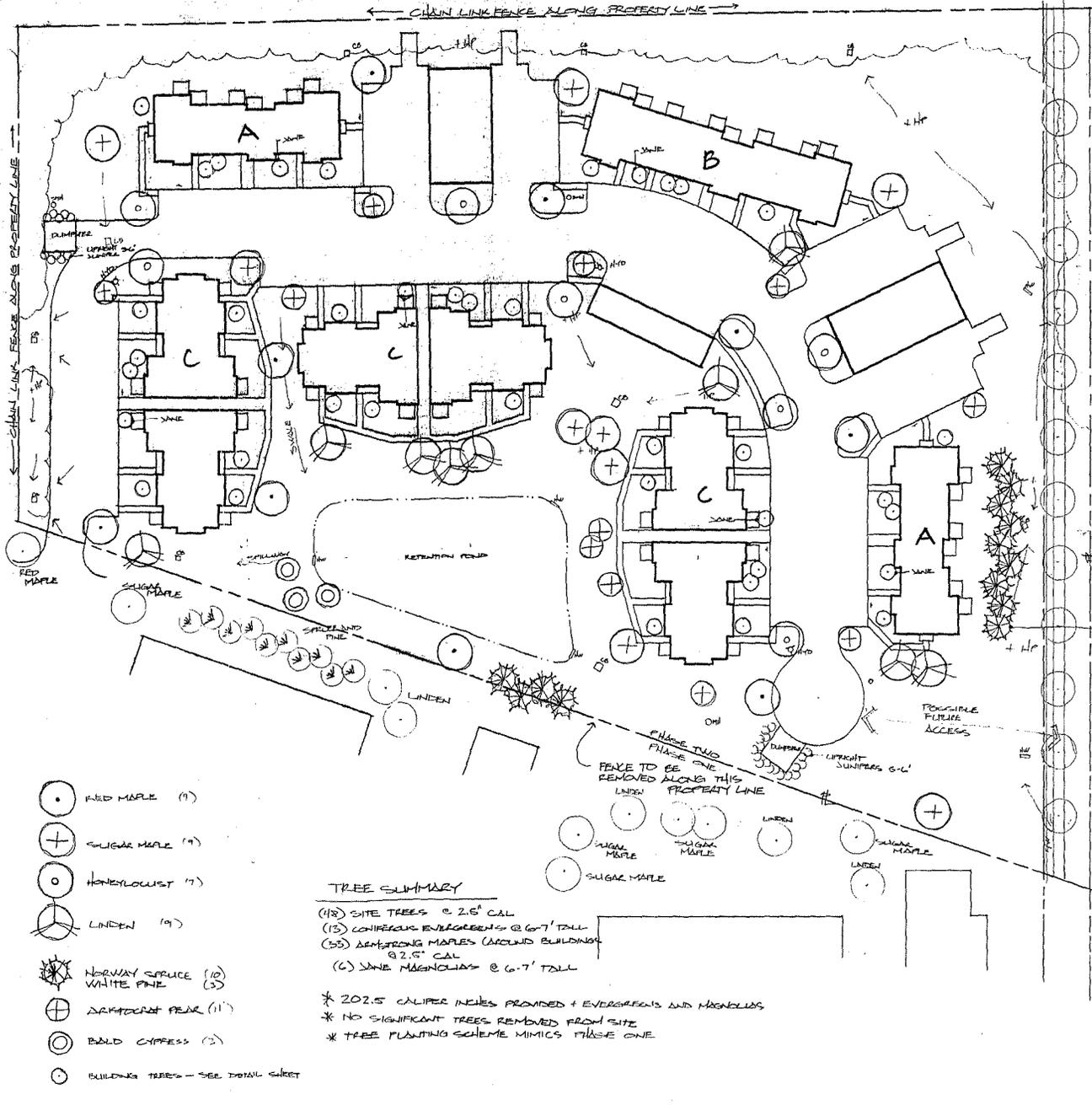
No new issues.

ITEM 7

Customer Service Requests
April 2015

Requests for Inspection for Viability	10
Tree Damage from Accidents	3
Request for Pruning	3
Miscellaneous Inspections	1
Cost Share Participation	1
Warranty Replacement	1
Total Service Requests	19

ITEM 9A



STREET TREES TYP. FERUGOSLIAN, CELEBRATION MAPLE, LOFT CC.

APPROVED

Robert P. Davis
 CHAIRMAN, SHADE TREE COMMISSION
 APPROVED 3/12/03



- RED MAPLE (9)
- SUGAR MAPLE (9)
- HONEYLOCUST (7)
- LINDEN (9)
- NORWAY SPRUCE (10)
- WHITE PINE (5)
- DARTMOUTH FIR (11)
- BALD CYPRESS (2)
- BUILDING TREES - SEE DETAIL SHEET

TREE SUMMARY
 (18) SITE TREES @ 2.6" CAL
 (15) CONIFEROUS EVERGREENS @ 6-7' TALL
 (35) DECIDUOUS MAPLES (AROUND BUILDINGS) @ 2.5" CAL
 (6) SANE MAGNOLIAS @ 6-7' TALL

* 202.5 CALIPER INCHES PROVIDED + EVERGREENS AND MAGNOLIAS
 * NO SIGNIFICANT TREES REMOVED FROM SITE
 * TREE PLANTING SCHEME MIMICS PHASE ONE

VILLAGE GATE AT DELAWARE

SHOW TOWN RD.
 PHASE TWO OVERALL LANDSCAPE PLAN

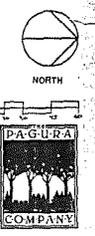
STG DEVELOPMENT LTD.
 838 S. WALL ST. STE. 300
 COLUMBUS, OH 43215

PREPARED BY:

THE PAGURA COMPANY INC.
 8101 CORPORATE BLVD, PLAIN CITY, OH 43084
 PH (614) 873-4007 F (614) 873-0104

SHEET ONE OF TWO

JANUARY 31, 2003



ITEM 9B

DELAWARE LANDSCAPE REQUIREMENTS

STREET TREE PLANTING

TREE PER 40 LF OR FRACTION THEREOF	REQUIRED	PROVIDED
WEST WILLIAM STREET-78 LF	2 @ 1.75" CAL.	2 @ 1.75" CAL.
EAST POINT CROSSING 1048 LF	27 @ 1.75" CAL.	27 @ 1.75" CAL.

FRONT YARD PLANTING

TREE PER 50 LF AND 1 SHRUB PER 10 LF OR FRACTION THEREOF	REQUIRED	PROVIDED
WEST WILLIAM STREET-78 LF	2 TREES @ 3" CAL. AND 8 SHRUBS	2 TREES @ 3" CAL. AND 9 SHRUBS
EAST POINT CROSSING 1008 LF	21 TREES @ 3" CAL. AND 101 SHRUBS	21 TREES @ 3" CAL. AND 101 SHRUBS

PARKING SCREENING AT PUBLIC STREET

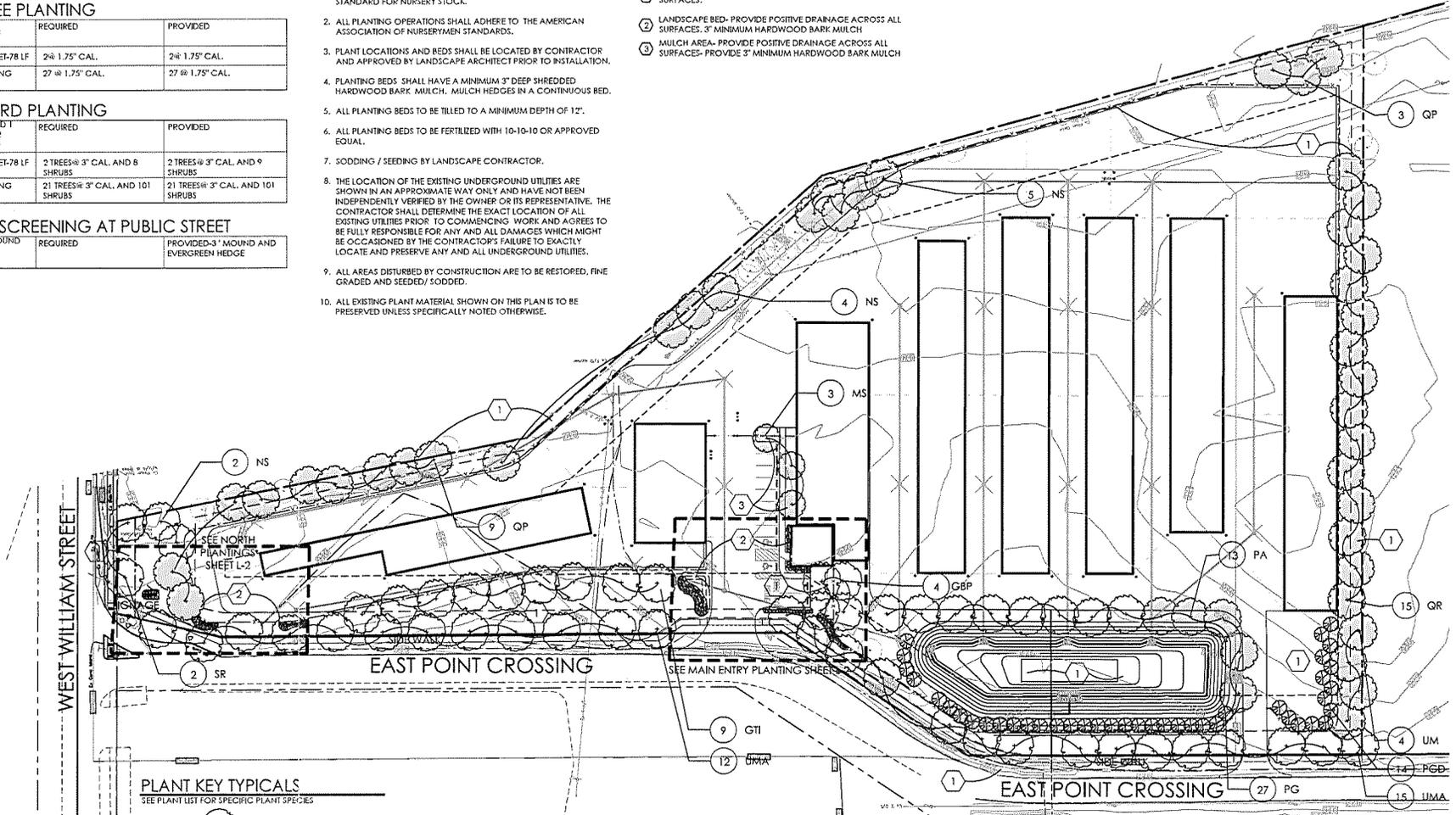
32" TALL HEDGE MOUND OR WALL	REQUIRED	PROVIDED-3' MOUND AND EVERGREEN HEDGE

GENERAL PLANTING NOTES:

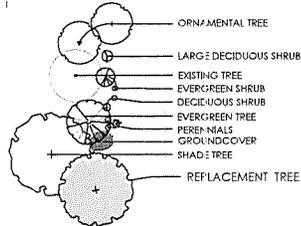
1. ALL PLANTS SHALL MEET OR EXCEED STANDARDS SET IN THE USA STANDARD FOR NURSERY STOCK.
2. ALL PLANTING OPERATIONS SHALL ADHERE TO THE AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS.
3. PLANT LOCATIONS AND BEDS SHALL BE LOCATED BY CONTRACTOR AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
4. PLANTING BEDS SHALL HAVE A MINIMUM 3" DEEP SHREDDED HARDWOOD BARK MULCH. MULCH HEDGES IN A CONTINUOUS BED.
5. ALL PLANTING BEDS TO BE TILLED TO A MINIMUM DEPTH OF 12".
6. ALL PLANTING BEDS TO BE FERTILIZED WITH 10-10-10 OR APPROVED EQUAL.
7. SODDING / SEEDING BY LANDSCAPE CONTRACTOR.
8. THE LOCATION OF THE EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING WORK AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
9. ALL AREAS DISTURBED BY CONSTRUCTION ARE TO BE RESTORED, FINE GRADED AND SEEDED / SODDED.
10. ALL EXISTING PLANT MATERIAL SHOWN ON THIS PLAN IS TO BE PRESERVED UNLESS SPECIFICALLY NOTED OTHERWISE.

CONSTRUCTION NOTES:

1. LAWN AREA. PROVIDE POSITIVE DRAINAGE ACROSS ALL SURFACES.
2. LANDSCAPE BED- PROVIDE POSITIVE DRAINAGE ACROSS ALL SURFACES. 3" MINIMUM HARDWOOD BARK MULCH
3. MULCH AREA- PROVIDE POSITIVE DRAINAGE ACROSS ALL SURFACES- PROVIDE 3" MINIMUM HARDWOOD BARK MULCH



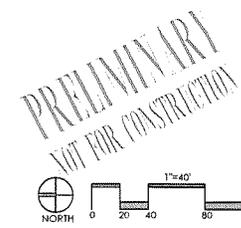
PLANT KEY TYPICALS
SEE PLANT LIST FOR SPECIFIC PLANT SPECIES



PLANT LIST

(CONTRACTOR RESPONSIBLE FOR ALL PLANTS SHOWN ON PLAN)

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	COND.	REMARKS
27	UMA	ULMUS X MORTON	MORTON ELM	1.75" CAL	B&B	MATCH FORM
4	UM	ULMUS X MORTON	MORTON ELM	3" CAL	B&B	MATCH FORM
9	G11	GLEDISIA TRIACANTHUS VAR INERMIS 'SKYLINE'	SKYLINE HONEYLOCUST	3" CAL	B&B	MATCH FORM
4	GBP	GINGGO BILOBA PRINCETON SENTRY	PRINCETON SENTRY GINGGO	3" CAL	B&B	MATCH FORM
12	QP	QUERCUS PALUSTRIS	PIN OAK	3" CAL	B&B	
15	QR	QUERCUS RUBRA	RED OAK	3" CAL	B&B	
11	NS	NYSSA SYLVATICA	BLACK GUM	3" CAL	B&B	
2	SR	STRYNGIA RETICULATA 'IVORY SILK'	IVORY SILK LILAC TREE	1.75" CAL	B&B	MATCH FORM
3	MS	MAULS X SARGEANT	SERGEANT CRAB	2" CAL	B&B	MATCH FORM
27	PG	PICEA GLAUKA	WHITE SPRUCE	8' HGT.	B&B	
14	PGD	PICEA GLAUKA 'DENSATA'	BLACK HILLS SPRUCE	6' HGT	B&B	



REVISIONS	

OVERALL LANDSCAPE PLAN

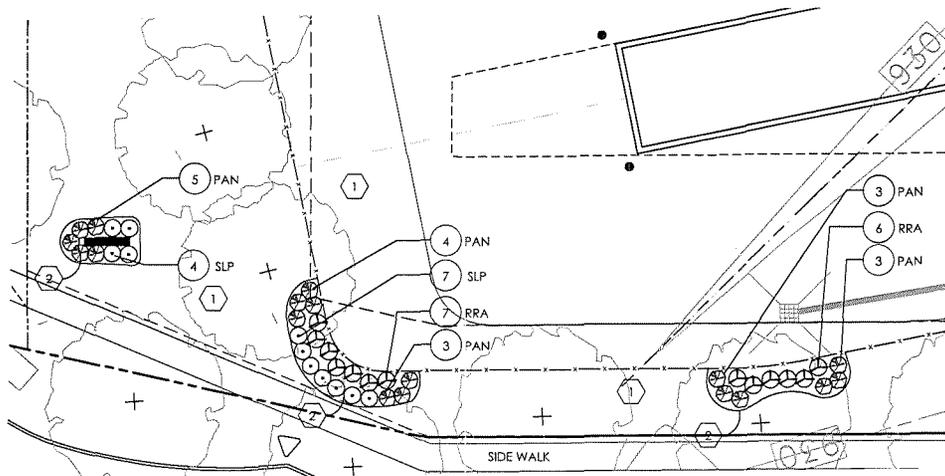
STOP-N-GO STORAGE

PREPARED BY
ZEUNE CONSTRUCTION AND DEVELOPMENT
5909 WESTERVILLE ROAD
WESTERVILLE, OH 43081

Paris Planning & Design
LANDSCAPE ARCHITECTURE
2304 N. 5th Street
Columbus, OH 43215
P (614) 461-1144
www.parisplanninganddesign.com

DATE	5/6/15
PROJECT	XXXXXX
SHEET	

L-1

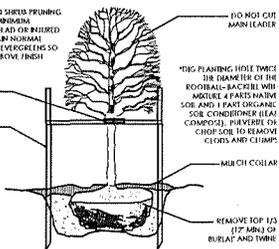


NORTH PLANTINGS

NOTE: THE AMOUNT OF TREE AND SHRUB PRUNING SHALL BE LIMITED TO THE MINIMUM NECESSARY TO REMOVE DEAD OR DAMAGED TWIGS & BRANCHES. RETAIN NORMAL SHAPE. PLANT IRIS AND EVERGREENS TO THE ROOT FLARE 1/2" - 2" ABOVE FINISH GRADE.

FLEXIBLE TREE WRAPPING MATERIAL 1/2" WIDE-GREEN COLOR

2" X 2" X 8' WOOD STAKE, 2 PER TREE



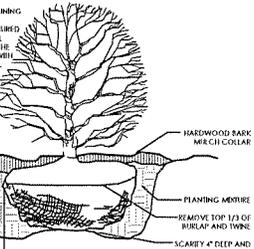
DO NOT CUT MAIN LEADER

DIG PLANTING HOLE TWICE THE DIAMETER OF THE ROOTBALL-BACKFILL WITH MIXTURE 4 PARTS NATURAL SOIL AND 1 PART ORGANIC SOIL. CONDENSED URIC COMPOST, FERTILIZER OR CHIP SOIL TO REMOVE CLOUDS AND CLUMPS.

MULCH COLLAR

REMOVE TOP 1/3 (1/2 MIN) OF BURLAP AND TWINE

NOTE: THE AMOUNT OF TREE AND SHRUB PRUNING SHALL BE LIMITED TO THE MINIMUM NECESSARY TO REMOVE DEAD OR DAMAGED TWIGS & BRANCHES. RETAIN NORMAL SHAPE. REMOVE EXCESS SOIL FROM THE TOP OF ROOT MASS. PLANT SHRUBS WITH TOP OF ROOT MASS AT FINISH GRADE.



DIG PLANTING HOLE TWICE THE DIAMETER OF THE ROOTBALL-BACKFILL WITH MIXTURE 4 PARTS NATURAL SOIL AND 1 PART ORGANIC SOIL. CONDENSED URIC COMPOST, FERTILIZER OR CHIP SOIL TO REMOVE CLOUDS AND CLUMPS.

HARDWOOD BARK MULCH COLLAR

PLANTING MIXTURE

REMOVE TOP 1/3 OF BURLAP AND TWINE

SCARIFY 4" DEEP AND RE-COMPACT

2 DECIDUOUS TREE N.T.S.

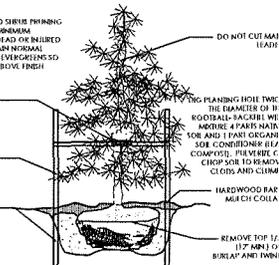
3 SHRUB PLANTING DETAIL N.T.S.

NOTE: THE AMOUNT OF TREE AND SHRUB PRUNING SHALL BE LIMITED TO THE MINIMUM NECESSARY TO REMOVE DEAD OR DAMAGED TWIGS & BRANCHES. RETAIN NORMAL SHAPE. PLANT IRIS AND EVERGREENS TO THE ROOT FLARE 1/2" - 2" ABOVE FINISH GRADE.

FLEXIBLE TREE WRAPPING MATERIAL 1/2" WIDE-GREEN COLOR-1/2" AT 1/2" HIGH

2" X 2" X 8' WOOD STAKE, 2 PER TREE UP TO 7' HIGH

DRIVE STAKES TO 18" BELOW FINISH



DO NOT CUT MAIN LEADER

DIG PLANTING HOLE TWICE THE DIAMETER OF THE ROOTBALL-BACKFILL WITH MIXTURE 4 PARTS NATURAL SOIL AND 1 PART ORGANIC SOIL. CONDENSED URIC COMPOST, FERTILIZER OR CHIP SOIL TO REMOVE CLOUDS AND CLUMPS.

HARDWOOD BARK MULCH COLLAR

REMOVE TOP 1/3 (1/2 MIN) OF BURLAP AND TWINE

1 EVERGREEN TREE UNDER 7' HGT. N.T.S.

GENERAL PLANTING NOTES:

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3. PLANT LOCATIONS AND BEDS SHALL BE LOCATED BY CONTRACTOR AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
4. PLANTING BEDS SHALL HAVE A MINIMUM 3" DEEP SHREDDED HARDWOOD BARK MULCH. MULCH HEDGES IN A CONTINUOUS BED.
5. ALL PLANTING BEDS TO BE TILLED TO A MINIMUM DEPTH OF 12".
6. ALL PLANTING BEDS TO BE FERTILIZED WITH 10-10-10 OR APPROVED EQUAL.
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PLANT LIST

(CONTRACTOR RESPONSIBLE FOR ALL PLANTS SHOWN ON PLAN)

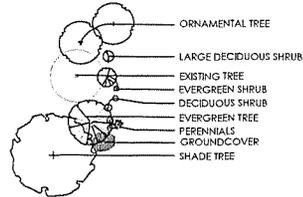
QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	COND.	REMARKS
37	PAN	FICEA ARIES NIDIFORMIS	BIRDS NEST SPRUCE	18" SPR	CONT.	
40	RRA	ROSA RADRAZZ -DOUBLE KNOCKOUT ROSE	DOUBLE KNOCKOUT ROSE	24" HGT	CONT.	
33	SLP	SPIREA NIPPONICA 'LITTLE PRINCESS'	LITTLE PRINCESS SPIREA	18" SPR.	CONT.	
14	JCS	JUNIPERUS CHINENSIS 'SEAGREEN'	SEAGREEN JUNIPER	24" HGT.	CONT.	

CONSTRUCTION NOTES:

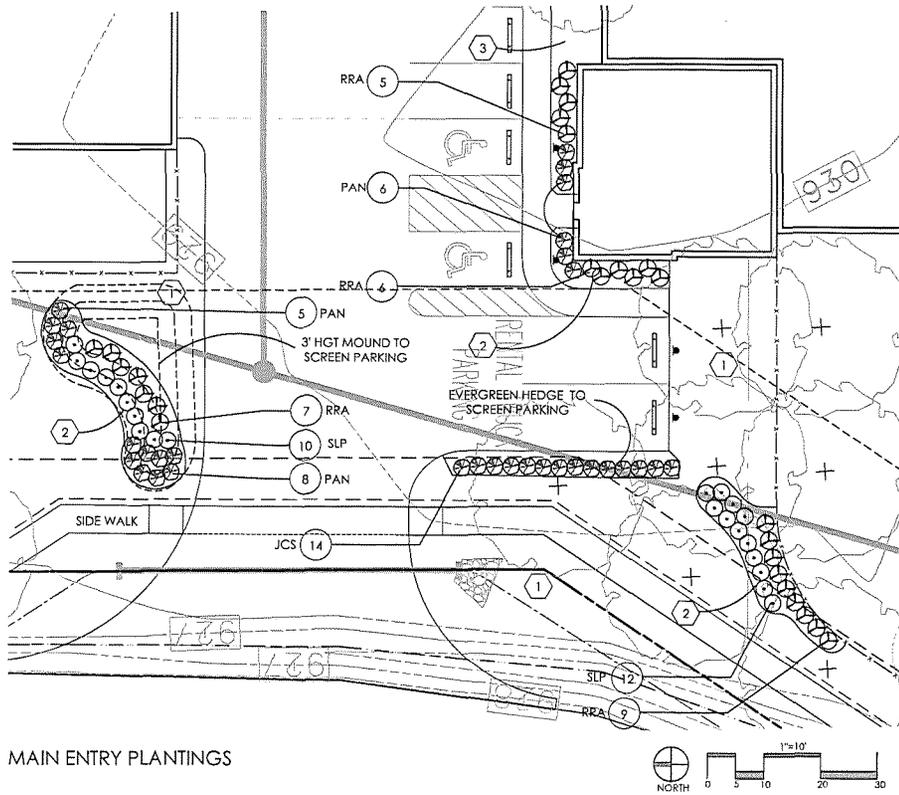
1. LAWN AREA. PROVIDE POSITIVE DRAINAGE ACROSS ALL SURFACES.
2. LANDSCAPE BED- PROVIDE POSITIVE DRAINAGE ACROSS ALL SURFACES. 3" MINIMUM HARDWOOD BARK MULCH
3. MULCH AREA- PROVIDE POSITIVE DRAINAGE ACROSS ALL SURFACES- PROVIDE 3" MINIMUM HARDWOOD BARK MULCH

PLANT KEY TYPICALS

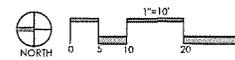
SEE PLANT LIST FOR SPECIFIC PLANT SPECIES



PRELIMINARY
NOT FOR CONSTRUCTION



MAIN ENTRY PLANTINGS



REVISIONS

OVERALL LANDSCAPE PLAN

STOP-N-GO STORAGE

ZEUNE CONSTRUCTION AND DEVELOPMENT
5500 WESTERVILLE ROAD
WESTERVILLE, OH 43081

Faris Planning & Design
LANDSCAPE ARCHITECTURE
COLUMBUS, OH 43215
3031.501.3144
WWW.FARISPLANNINGANDDESIGN.COM

DATE 3/1/15
PROJECT XXXXXX
SHEET L-2

EXISTING TREES

NO.	SIZE	SPECIES	CONDITION	STATUS	REPLACE WITH
1	36	COTTONWOOD	GOOD	A	
2	42	COTTONWOOD	GOOD	A	
3	8	ELM	FAIR	A	
4	10	MAPLE	POOR	B	0"
3	48x.24	COTTONWOOD	FAIR	A	
6	6	MAPLE	POOR	B	0"
7	8	MAPLE	FAIR	A	
8	18	MAPLE	POOR	B	0"
9	14	COTTONWOOD	FAIR	A	
10	20 TOTAL	COTTONWOOD	POOR	B	0"
11	12	ELM	POOR	B	0"
12	24	MAPLE	FAIR	B	24"
13	24 TOTAL	MAPLE	POOR	B	0"
14	30 TOTAL	MAPLE	FAIR	B	30"
15	10	MAPLE	FAIR	B	10"
16	8	ELM	FAIR	B	8"
17	15	PIN OAK	GOOD	B	15"
18	10	MAPLE	FAIR	B	10"
19	50 TOTAL	MAPLE	FAIR	B	50"
20	30 TOTAL	MAPLE	FAIR	B	30"
21	18 TOTAL	MAPLE	FAIR	B	18"
22	24 TOTAL	MAPLE	FAIR	B	24"
23	22	COTTONWOOD	FAIR	B	22"
24	22	COTTONWOOD	FAIR	B	22"
25	12	COTTONWOOD	FAIR	B	12"
26	12	COTTONWOOD	POOR	B	0"
27	24 TOTAL	COTTONWOOD	FAIR	A	
28	12	COTTONWOOD	FAIR	A	
29	18	ELM	FAIR	B	18"
30	20 TOTAL	ELM	FAIR	B	20"
31	28 TOTAL	MAPLE	FAIR	B	28"
32	12	MAPLE	POOR	B	0"
33	12	MAPLE	POOR	B	0"
34	8	COTTONWOOD	POOR	B	0"
35	12	ELM	FAIR	B	12"
36	18	MAPLE	POOR	B	0"
37	12	MAPLE	FAIR	B	12"
38	8	PIN OAK	FAIR	B	8"
39	14	MAPLE	FAIR	B	14"
39A	28	COTTONWOOD	FAIR	B	28"
40	16	COTTONWOOD	POOR	B	0"
41	8	COTTONWOOD	FAIR	B	8"
42	12	COTTONWOOD	FAIR	B	12"
43	8	PIN OAK	FAIR	B	8"
44	10	PIN OAK	FAIR	A	
45	8	PIN OAK	FAIR	A	
46	8	PIN OAK	FAIR	A	
47	24 TOTAL	COTTONWOOD	FAIR	A	
48	12	COTTONWOOD	FAIR	A	
49	8	MAPLE	FAIR	A	
50	14 TOTAL	MAPLE	FAIR	A	
51	10	COTTONWOOD	FAIR	A	
52	14	COTTONWOOD	FAIR	A	
53	12	COTTONWOOD	FAIR	A	
54	10	MAPLE	FAIR	A	

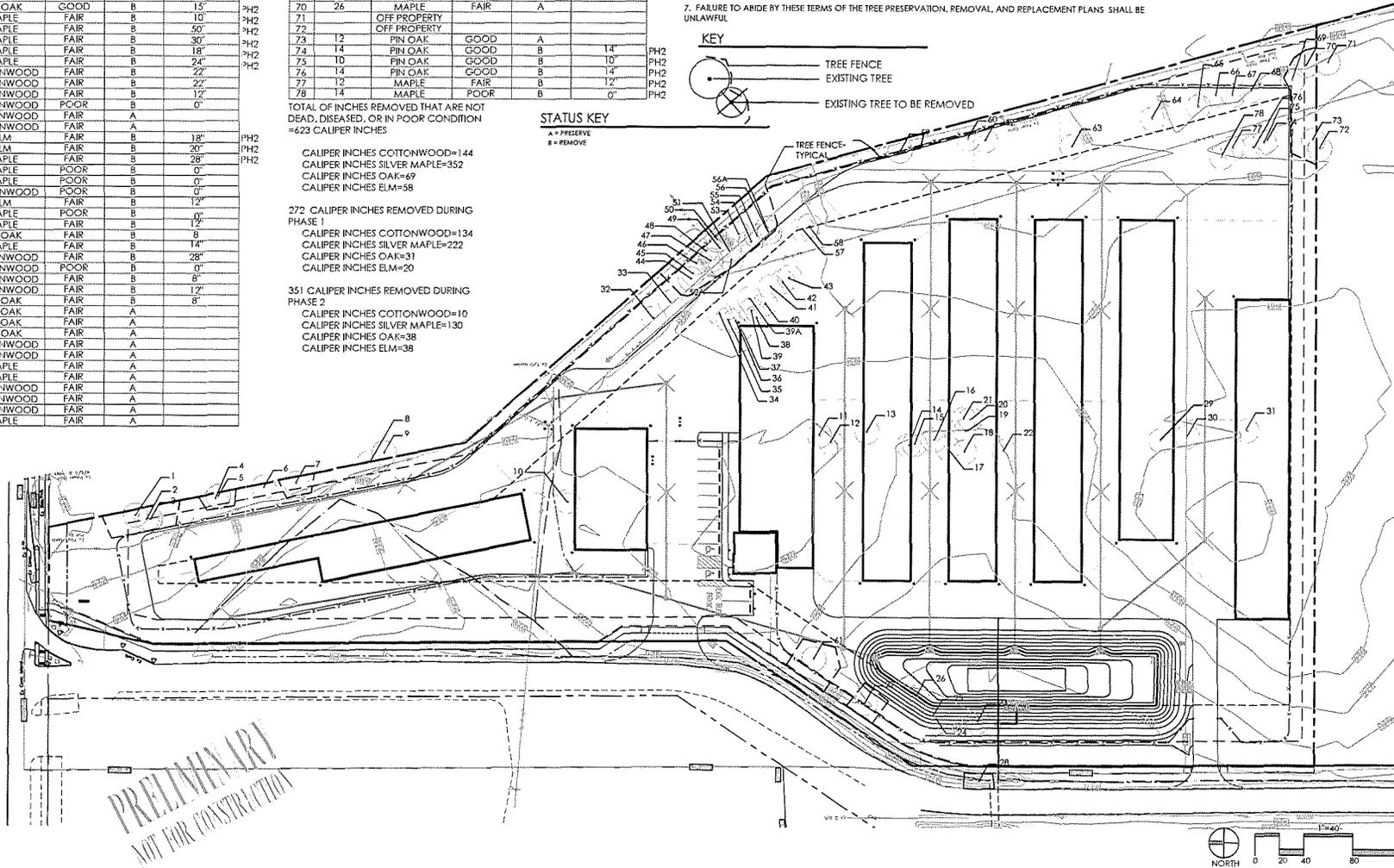
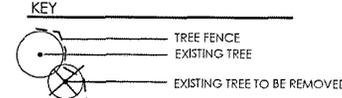
NO.	SIZE	SPECIES	CONDITION	STATUS	REPLACE WITH
55	10	COTTONWOOD	FAIR	A	
56	12	MAPLE	FAIR	A	
56A	20 TOTAL	MAPLE	FAIR	A	
57	18 TOTAL	COTTONWOOD	FAIR	B	18"
58	12	COTTONWOOD	FAIR	B	12"
59	12	COTTONWOOD	FAIR	A	
60	10	COTTONWOOD	GOOD	B	10"
61	12	COTTONWOOD	FAIR	A	
62	12	MAPLE	POOR	B	0"
63	36	MAPLE	GOOD	B	36"
64	24	MAPLE	POOR	B	0"
65	147	MAPLE	POOR	B	0"
66	30	MAPLE	FAIR	B	30"
67	12	MAPLE	FAIR	B	12"
68	12	MAPLE	FAIR	B	12"
69	24	COTTONWOOD	FAIR	A	
70	26	MAPLE	FAIR	A	
71		OFF PROPERTY			
72		OFF PROPERTY			
73	12	PIN OAK	GOOD	A	
74	14	PIN OAK	GOOD	B	14"
75	10	PIN OAK	GOOD	B	10"
76	14	PIN OAK	GOOD	B	14"
77	12	MAPLE	FAIR	B	12"
78	14	MAPLE	POOR	B	0"

TOTAL OF INCHES REMOVED THAT ARE NOT DEAD, DISEASED, OR IN POOR CONDITION = 623 CALIPER INCHES

- STATUS KEY**
 A = PRESERVE
 B = REMOVE
- CALIPER INCHES COTTONWOOD=144
 CALIPER INCHES SILVER MAPLE=352
 CALIPER INCHES OAK=69
 CALIPER INCHES ELM=58
- 272 CALIPER INCHES REMOVED DURING PHASE 1
 CALIPER INCHES COTTONWOOD=134
 CALIPER INCHES SILVER MAPLE=222
 CALIPER INCHES OAK=31
 CALIPER INCHES ELM=20
- 351 CALIPER INCHES REMOVED DURING PHASE 2
 CALIPER INCHES COTTONWOOD=10
 CALIPER INCHES SILVER MAPLE=130
 CALIPER INCHES OAK=38
 CALIPER INCHES ELM=38

TREE PRESERVATION, REMOVAL, REPLACEMENT NOTES

- ALL TREES IN THE CONSTRUCTION AREA NOT SPECIFICALLY DESIGNATED FOR REMOVAL SHALL BE PRESERVED. ALL TREE REMOVAL, RELOCATION, AND PRESERVATION WORK SHALL BE SUPERVISED WITH THE INPUT OF A CERTIFIED ARBORIST.
- FENCING SHALL BE INSTALLED AROUND ALL TREES TO BE PRESERVED PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE FENCING MUST REMAIN IN PLACE DURING ALL PHASES OF CONSTRUCTION. OWNER SHALL BE RESPONSIBLE FOR THE CONSTRUCTION, ERECTION, AND MAINTENANCE OF PROTECTION FENCING, REFER TO TREE PRESERVATION DETAIL.
- PRESERVED TREES REMAINING ARE TO BE FERTILIZED AND PRUNED (IF NEEDED) TWO YEARS AFTER CONSTRUCTION.
- OWNER SHALL MONITOR HEALTH AND VIGOR OF EXISTING TREES THROUGHOUT THE COURSE OF CONSTRUCTION OF THIS PROJECT. CONTRACTOR TO NOTIFY A CERTIFIED ARBORIST IF ANY DECLINE IN HEALTHY TREES IS APPARENT. THE ARBORIST SHALL DETERMINE THE REMEDIAL ACTION, IF ANY, TO BE TAKEN.
- ALL EXISTING TREES NOTED AS FAIR TO POOR HEALTH SHALL BE FERTILIZED YEARLY IN THE SPRING USING A HORTICULTURALLY APPROVED METHOD FOR A PERIOD OF THREE YEARS. AFTER THREE YEARS, THE HEALTH SHOULD BE EVALUATED BY A CERTIFIED ARBORIST AND CONTINUING MAINTENANCE RECOMMENDATIONS SHALL BE MADE.
- ANY TREES REMOVED OR DAMAGED IN TREE PRESERVATION AREAS WILL HAVE TO BE REPLACED PER CODE.
- FAILURE TO ABIDE BY THESE TERMS OF THE TREE PRESERVATION, REMOVAL, AND REPLACEMENT PLANS SHALL BE UNLAWFUL



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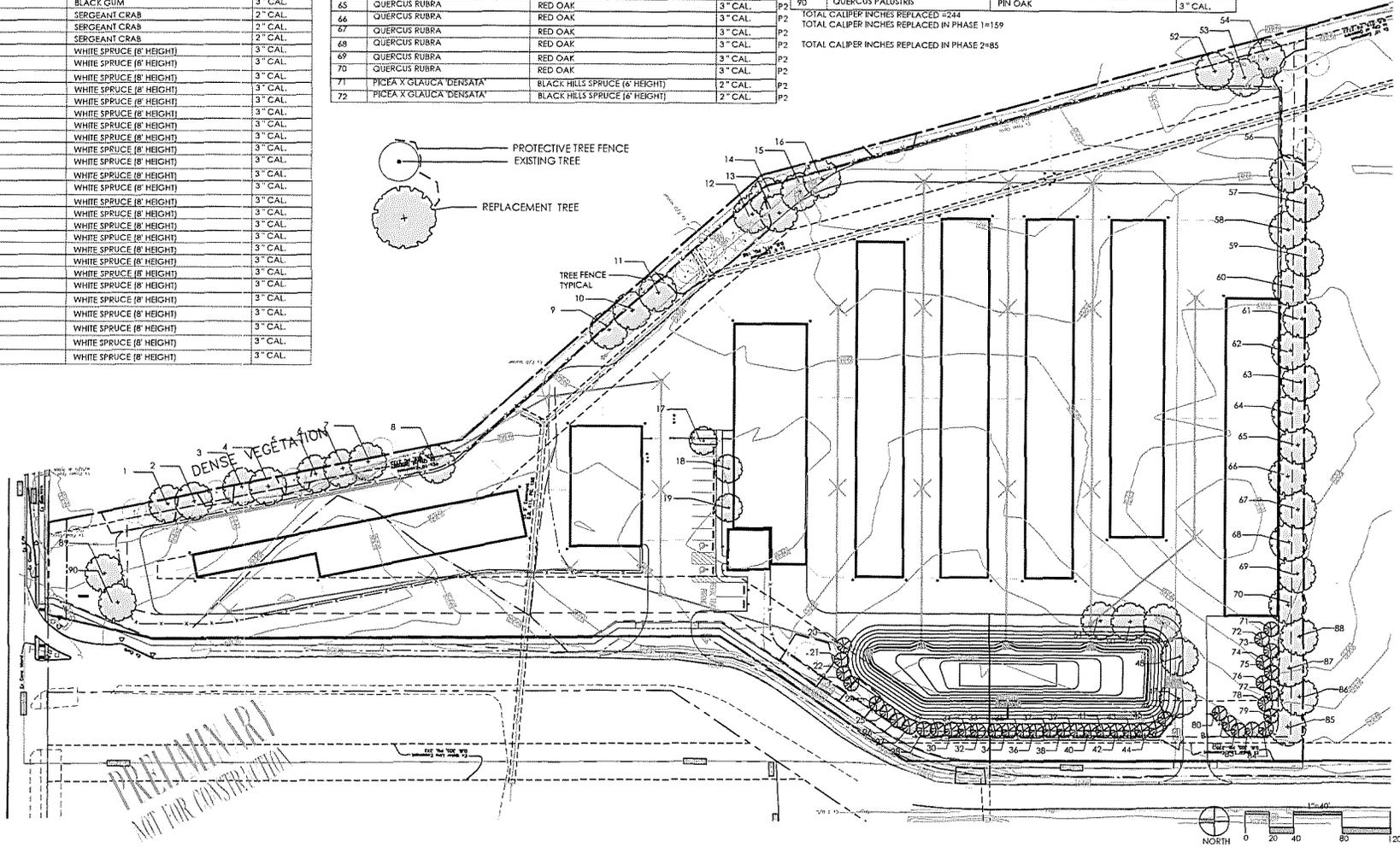
REVISONS	
TREE PRESERVATION AND PROTECTION PLAN	
STOP-N-GO STORAGE	
ZEUNE CONSTRUCTION AND DEVELOPMENT	
5509 WESTERVILLE ROAD WESTERVILLE, OH 43081	
Paris Planning & Design	
Landscape Architecture 23111 50th Street P.O. Box 1154 1006-01 www.parisplanningdesign.com	
DATE	5/6/15
PROJECT	XXXXXX
SHEET	L-3

REPLACEMENT PLANT LIST

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE
REPLACEMENT TREES				
1		QUERCUS PALUSTRIS	PIN OAK	3" CAL.
2		QUERCUS PALUSTRIS	PIN OAK	3" CAL.
3		QUERCUS PALUSTRIS	PIN OAK	3" CAL.
4		QUERCUS PALUSTRIS	PIN OAK	3" CAL.
5		QUERCUS PALUSTRIS	PIN OAK	3" CAL.
6		QUERCUS PALUSTRIS	PIN OAK	3" CAL.
7		QUERCUS PALUSTRIS	PIN OAK	3" CAL.
8		NYSSA SYLVATICA	BLACK GUM	3" CAL.
9		NYSSA SYLVATICA	BLACK GUM	3" CAL.
10		NYSSA SYLVATICA	BLACK GUM	3" CAL.
11		NYSSA SYLVATICA	BLACK GUM	3" CAL.
12		NYSSA SYLVATICA	BLACK GUM	3" CAL.
13		NYSSA SYLVATICA	BLACK GUM	3" CAL.
14		NYSSA SYLVATICA	BLACK GUM	3" CAL.
15		NYSSA SYLVATICA	BLACK GUM	3" CAL.
16		NYSSA SYLVATICA	BLACK GUM	3" CAL.
17		MALUS X SERGEANT	SERGEANT CRAB	2" CAL.
18		MALUS X SERGEANT	SERGEANT CRAB	2" CAL.
19		MALUS X SERGEANT	SERGEANT CRAB	2" CAL.
20		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
21		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
22		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
23		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
24		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
25		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
26		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
27		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
28		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
29		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
30		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
31		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
32		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
33		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
34		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
35		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
36		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
37		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
38		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
39		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
40		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
41		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
42		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
43		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
44		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
45		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.
46		PICEA X GLAUCA	WHITE SPRUCE (8' HEIGHT)	3" CAL.

47	PLATANUS X ACERIFOLIA	LONDON PLAN TREE	3" CAL.	
48	PLATANUS X ACERIFOLIA	LONDON PLAN TREE	3" CAL.	
49	PLATANUS X ACERIFOLIA	LONDON PLAN TREE	3" CAL.	
50	PLATANUS X ACERIFOLIA	LONDON PLAN TREE	3" CAL.	
51	PLATANUS X ACERIFOLIA	LONDON PLAN TREE	3" CAL.	
52	QUERCUS PALUSTRIS	PIN OAK	3" CAL.	
53	QUERCUS PALUSTRIS	PIN OAK	3" CAL.	
54	QUERCUS PALUSTRIS	PIN OAK	3" CAL.	
55	NOT USED			
56	QUERCUS RUBRA	RED OAK	3" CAL.	P2
57	QUERCUS RUBRA	RED OAK	3" CAL.	P2
58	QUERCUS RUBRA	RED OAK	3" CAL.	P2
59	QUERCUS RUBRA	RED OAK	3" CAL.	P2
60	QUERCUS RUBRA	RED OAK	3" CAL.	P2
61	QUERCUS RUBRA	RED OAK	3" CAL.	P2
62	QUERCUS RUBRA	RED OAK	3" CAL.	P2
63	QUERCUS RUBRA	RED OAK	3" CAL.	P2
64	QUERCUS RUBRA	RED OAK	3" CAL.	P2
65	QUERCUS RUBRA	RED OAK	3" CAL.	P2
66	QUERCUS RUBRA	RED OAK	3" CAL.	P2
67	QUERCUS RUBRA	RED OAK	3" CAL.	P2
68	QUERCUS RUBRA	RED OAK	3" CAL.	P2
69	QUERCUS RUBRA	RED OAK	3" CAL.	P2
70	QUERCUS RUBRA	RED OAK	3" CAL.	P2
71	PICEA X GLAUCA 'DENSATA'	BLACK HILLS SPRUCE (6' HEIGHT)	2" CAL.	P2
72	PICEA X GLAUCA 'DENSATA'	BLACK HILLS SPRUCE (6' HEIGHT)	2" CAL.	P2

73	PICEA X GLAUCA 'DENSATA'	BLACK HILLS SPRUCE (6' HEIGHT)	2" CAL.	P2
74	PICEA X GLAUCA 'DENSATA'	BLACK HILLS SPRUCE (6' HEIGHT)	2" CAL.	P2
75	PICEA X GLAUCA 'DENSATA'	BLACK HILLS SPRUCE (6' HEIGHT)	2" CAL.	P2
76	PICEA X GLAUCA 'DENSATA'	BLACK HILLS SPRUCE (6' HEIGHT)	2" CAL.	P2
77	PICEA X GLAUCA 'DENSATA'	BLACK HILLS SPRUCE (6' HEIGHT)	2" CAL.	P2
78	PICEA X GLAUCA 'DENSATA'	BLACK HILLS SPRUCE (6' HEIGHT)	2" CAL.	P2
79	PICEA X GLAUCA 'DENSATA'	BLACK HILLS SPRUCE (6' HEIGHT)	2" CAL.	P2
80	PICEA X GLAUCA 'DENSATA'	BLACK HILLS SPRUCE (6' HEIGHT)	2" CAL.	P2
81	PICEA X GLAUCA 'DENSATA'	BLACK HILLS SPRUCE (6' HEIGHT)	2" CAL.	P2
82	PICEA X GLAUCA 'DENSATA'	BLACK HILLS SPRUCE (6' HEIGHT)	2" CAL.	P2
83	PICEA X GLAUCA 'DENSATA'	BLACK HILLS SPRUCE (6' HEIGHT)	2" CAL.	P2
84	PICEA X GLAUCA 'DENSATA'	BLACK HILLS SPRUCE (6' HEIGHT)	2" CAL.	P2
85	ULMUS X MORTON	MORTON ELM	3" CAL.	P2
86	ULMUS X MORTON	MORTON ELM	3" CAL.	P2
87	ULMUS X MORTON	MORTON ELM	3" CAL.	P2
88	ULMUS X MORTON	MORTON ELM	3" CAL.	P2
89	QUERCUS PALUSTRIS	PIN OAK	3" CAL.	P2
90	QUERCUS PALUSTRIS	PIN OAK	3" CAL.	P2
TOTAL CALIPER INCHES REPLACED =244				
TOTAL CALIPER INCHES REPLACED IN PHASE 1=159				
TOTAL CALIPER INCHES REPLACED IN PHASE 2=85				



PRELIMINARY
NOT FOR CONSTRUCTION

REVISIONS	

TREE REPLACEMENT PLAN

STOP-N-GO STORAGE

PREPARED BY
ZEUNE CONSTRUCTION AND DEVELOPMENT
5500 WESTERVILLE ROAD
WESTERVILLE, OH 43081

Paris Planning & Design

LAW OFFICE
LAW OFFICE ARCHITECTURE
510 S. 63
COLUMBUS, OH 43215
www.parisplanninganddesign.com

DATE	5/6/15
PROJECT	XXXXXX
SHEET	L-4

ITEM 9C

