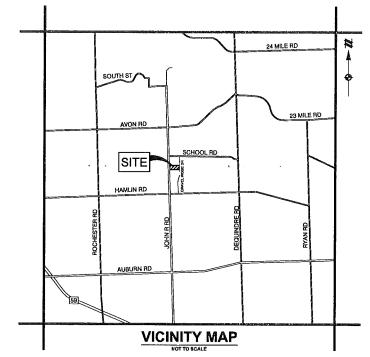
CRESTWYK ESTATES

4.44 ACRE DEVELOPMENT CITY OF ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN

PUD CONCEPT PLAN





DEVELOPMENT TEAM

DEVELOPER

M2J1, LLC 14955 TECHNOLOGY DRIVE SHELBY TOWNSHIP, MI 48315 PHONE: (586) 421-5729 CONTACT: JIM POLYZOIS

CIVIL ENGINEER/SURVEYOR/ WETLAND CONSULTANT

ATWELL, LLC TWO TOWNE SQUARE, SUITE 700 SOUTHFIELD, MI 48076 CONTACT: ERIC LORD, P.E.

LANDSCAPE ARCHITECT

NÚÑEZ DESIGN, INC. 249 PARK STREET PHONE: (248) 224-5933 CONTACT: RALPH NÚNEZ

LEGAL DESCRIPTION

LOT 7 OF FERRYVIEW HOMELANDS SUBDIVISION AS RECORDED IN LIBER 27, PAGE 22. OAKLAND COUNTY RECORDS, A SUBDIVISION IN THE SOUTHWEST 1/4 OF SECTION 24, T3N, R11E, CITY OF ROCHESTER HILLS, OAKLAND COUNTY, MICHIGAN

THE CURRENT ZONING CLASSIFICATION IS R-4 (ONE FAMILY RESIDENTIAL DISTRICT) GROSS AREA: 4.64 AC. NET AREA: 4.44 AC.

UNITS=16 SINGLE FAMILY DETACHED CONDOMINIUMS COVERAGE=16/4.44= 3.60 UNITS PER ACRE

SETRACKS

24' FROM BACK OF SIDEWALK FRONT: 20' MINIMUM BETWEEN BUILDINGS

5' SIDEWALK PROVIDED ON BOTH SIDES OF ROAD 8' WIDE PEDESTRIAN PATHWAY ALONG JOHN R RIGHT OF WAY ROADS ARE TO BE PRIVATE.

SHEET INDEX

COVER SHEET

C-02 EXISTING CONDITIONS PLAN

C-03 TREE INVENTORY

SITE LAYOUT PLAN

C-05 GRADING PLAN

UTILITY PLAN

LANDSCAPE PLANS PREPARED BY NÚÑEZ DESIGN, INC.

LA - 1.0 LANDSCAPE CONCEPT PLAN

LA - 1.1 LANDSCAPE PLANTING PLAN

TYPICAL SINGLE FAMILY UNIT PLANTING PLAN

TYPICAL TWO FAMILY ATTACHED UNITS PLANTING PLAN LA - 1.4 ELEVATION & CROSS SECTIONS

LA - 2.0 LANDSCAPE PLANTING DETAILS & NOTES

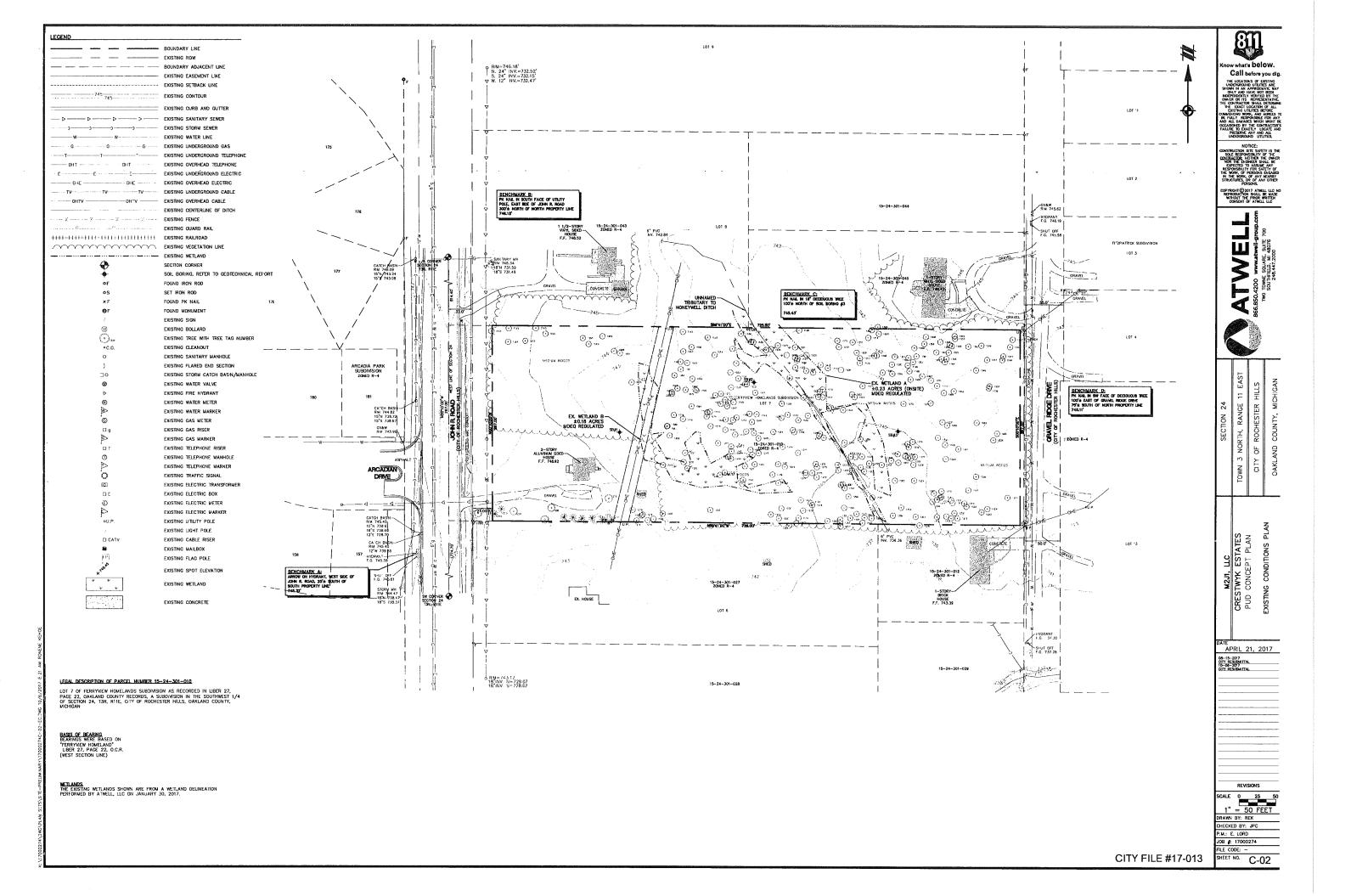
EXISTING TREE SURVEY TREE ANALYSIS



CITY FILE #17-013

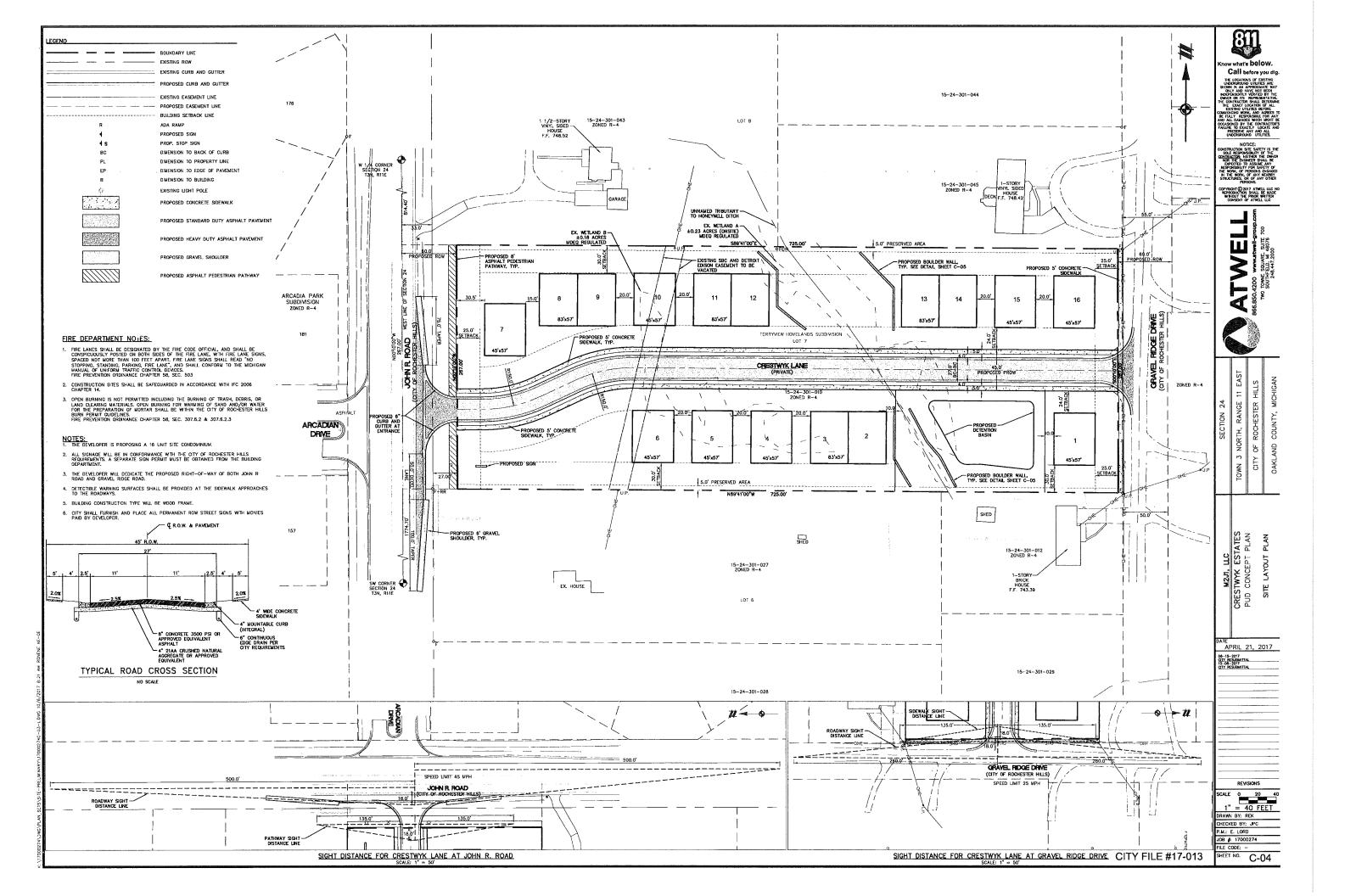
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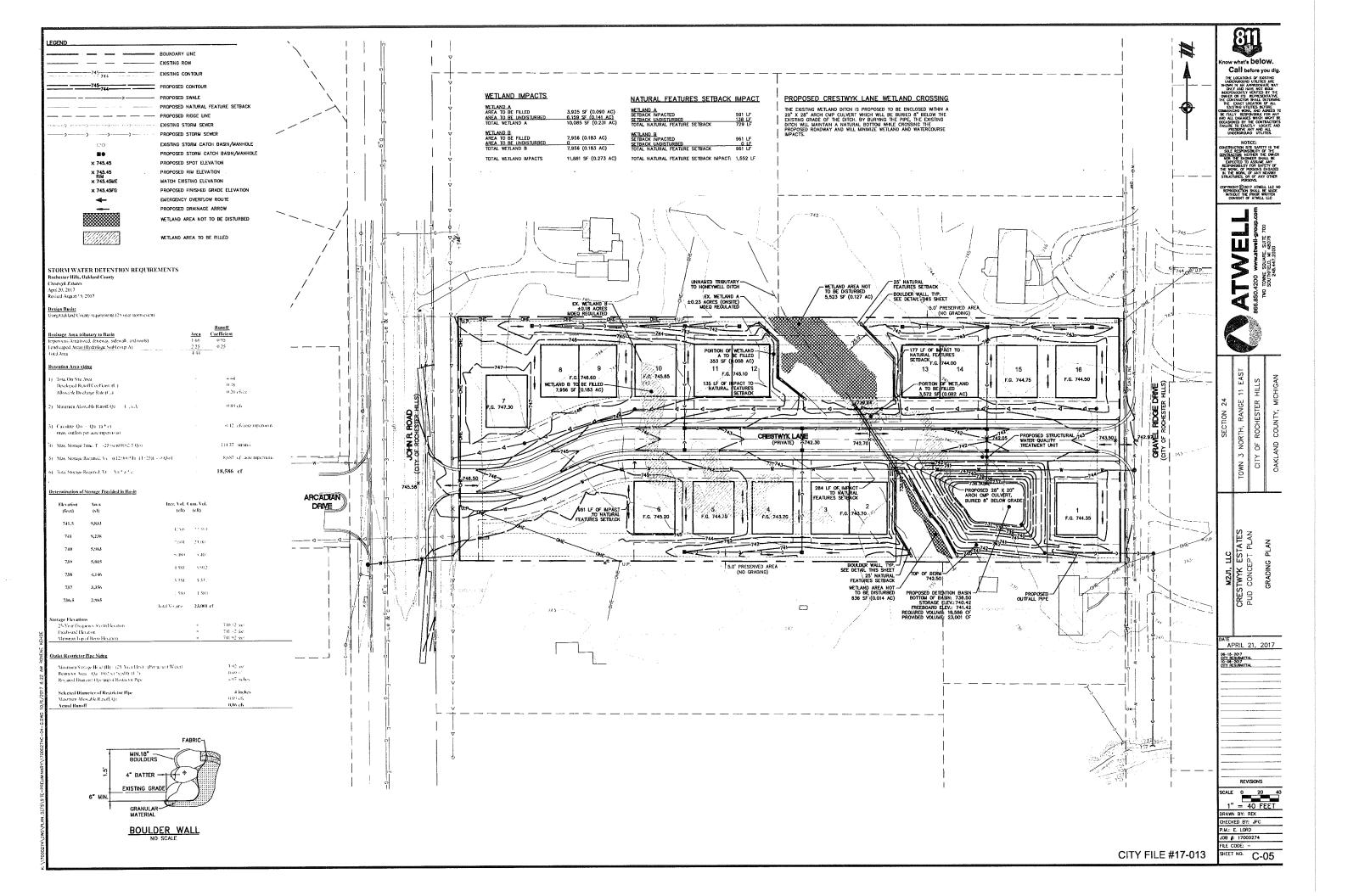
REVISIONS

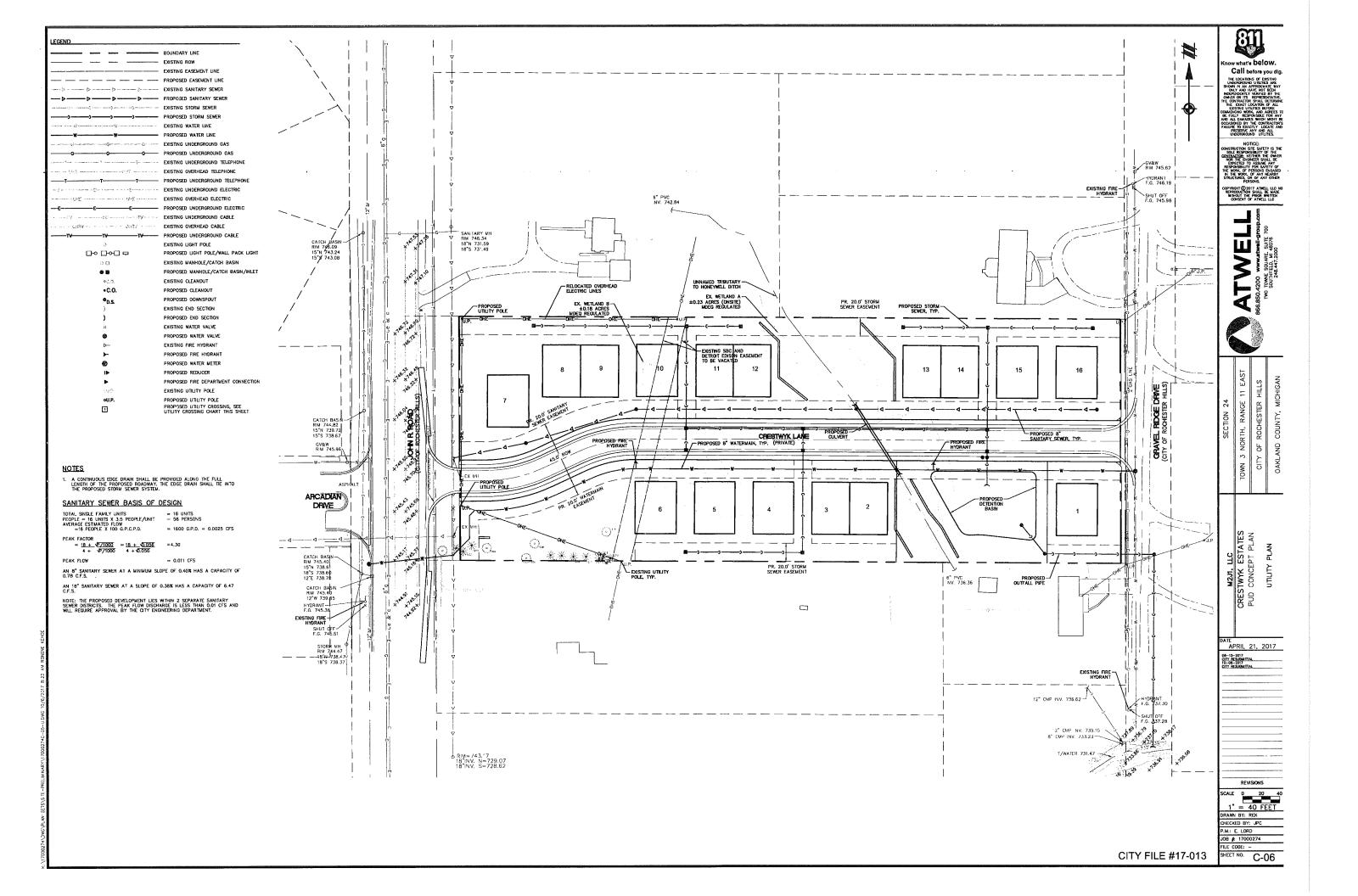


Tree Survey Results for the City of Rochester Hills, Oakland County Michigan- Atwell Project #17000274 John R. Road	Tree Survey Results for the City of Rochester Hills, Oakland County Michigan - Atwell Project		Tree Survey Results for the City of Rochester Hills, Oakland County Michigan- Atwell Project #17000274 John R. Road	<u> </u>
Tree Tag ID Species Botanical Name Common Name DBH (IN) Landmark Tree Condition Notes/Comments 1202 PIPU Picea pungens Blue Spruce 8.0 No Good Approximately 30 ft Tall	Tree Tag ID Species Botanical Name Common Name DBH (IN) Landmark Tree Condition	Notes/Comments	Tree Tag ID Species Botanical Name Common Name DBH (IN) Landmark Tree Condition Notes/Comments	
1203 PIPU Picca pungens Blue Spruce 7.0 No Fair Approximately 30 ft Tall 1204 QUAL Quercus alba White Oak 24.0 No Good	1322 PRSE Prunus serotina Black Cherry 13.0 No Good 1323 QUAL Quercus alba White Oak 12.5 No Good		1532 ACSAN Acer saccharinum Silver Maple 8.0 No Good 1533 QUBI Quercus bicolor Swamp White Oak 9.0 No Good	Know what's below.
	1324 QURU <i>Quercus rubro</i> Red Oak 13.0 No Fair 1325 PIST <i>Plinus strobus</i> White Pine 19.0 No Good		1534 ACRU <i>Acer rubrum</i> Red Maple 7.5 No Good	Call before you dig.
1205 QUAL. <i>Quercus aiba</i> White Oak 19.5 No Good 1706 QURU <i>Quercus rubro</i> Red Oak 21.5 No Fair 2T	1325 PIST <i>Pinus strobus</i> White Pine 19.0 No Good 1326 PIST <i>Pinus strobus</i> White Pine 28.0 No Poor	2T; Inner Bark Decay	1535 ACSAN Acersaccharinum Silver Maple 27,5 No Good 1536 ACRU Acerrubrum Red Maple 7.0 No Good	THE LOCATIONS OF EXISTING UNDERGROUND UTLIFIES AND SHOWN IN AN APPROXIMATE MAY CHAY AND HAVE NOT BEEN PURPERSONALIVE. VERY AND THE OWNER OR ITS REPRESENTATIVE. TO THE CONTROL SHALL DESIGNATIVE.
1207 PIAB <i>Piceu ubie</i> s Norway Spruce 11.0 No Fair 1208 PIAB <i>Piceu abie</i> s Norway Spruce 10.0 No Poor	1327 QURU Quercus rubra Red Oak 23.5 No Poor 1328 PRSE Prunus serotina Black Cherry 12.0 No Good	Inner Bark Decay	1537 QUBI Quercus bicolor Swamp White Oak 9.0 No Good 1538 ACRU Acer rubrum Red Maple 12.5 No Good	INDEPENDENTLY VERFILD BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE
1209 PIAB <i>Picea abies</i> Norway Spruce 15.5 No Fair	1379 QURU Quercus rubra Red Oak 10.0 No Good		1539 QURU <i>Quercus rubra</i> Red Oak 19.0 No Good	THE CONTRACTOR SHALL DETERMINE THE DUACT LOCATION OF ALL EXISTING UTBILES BEDURE COMMENCED WORK, AND ARREST TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WICH MORTH BE CONTRACTOR OF THE CONT
1210 PIAB <i>Picea abies</i> Norway Spruce 14.0 No Fair 1211 PIAB <i>Picea abies</i> Norway Spruce 7.0 No Fair	1330 QURU <i>Quercus rubru</i> Red Oak 7.0 No Good 1331 ACRU <i>Acer rubrum</i> Red Maple 10.0 No Good	3T	1540 ACRU Acerrubrum Rcd Maple 10.5 No Good 2T 1541 CAOV <i>Carya ovata</i> Shagbark Hickory 14.5 No Good 2T	FAILURE TO EXACTLY LOCATE AND
1212 PIAB Picea abies Norway Spruce 8.0 No Fair	1332 QURU <i>Quercus rubra</i> Red Oak 13.0 No Good 1333 QURU <i>Quercus rubra</i> Red Oak 11.0 No Good	21	1542 QURU <i>Quercus nubra</i> Red Oak 23.0 No Good 2T	PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
1213 PIAB <i>Picea abies</i> Norway Spruce 7.5 No Fair 1214 QURU <i>Quercus rubra</i> Red Oak 41.5 No Good	1333 QURU <i>Quercus rubra</i> Red Oak 11.0 No Good 1334 QURU <i>Quercus rubra</i> Red Oak 9.0 No Good		1543 QURU <i>Quercus rubra</i> Red Oak 19.0 No Good 1544 ACRU <i>Acer rubrum</i> Red Maple 11.0 No Goud ZT	NOTICE: CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE
1215 QUAL Quercus alba White Oak 26.5 No Good 1216 QUVE Quercus velutina Black Oak 21.5 No Fair	1335 QURU Quercus rubra Red Oak 15.5 No Fair 1336 QURU Quercus rubra Red Oak 12.0 No Good		1545 ACRU Acer rubrum Red Maple 14.0 No Good 1546 ACRU Acer rubrum Red Maple 12.0 No Good	SOLE RESPONSEMENT OF THE CONTRACTORS WEREITH THE OWNER HER STATE OF THE STATE OF THE PERSONSEMENT FOR SAFETY OF THE WORK, OF PERSONS DIALOGD IN THE WORK, OF PERSONS DIALOGD IN THE WORK, OF ANY MEARBY STRUCTURES, OR OF ANY OTHER PERSONS.
1217 QUVE Quercus velutina Black Oak 29.0 No Fair	· 1337 QURU <i>Quercus rubra</i> Red Oak 11.0 No Good	2 Trunks (2T)	1547 QURU <i>Quercus rubra</i> Red Oak 14.0 No Good	RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY MEASEY
1218 ACPL Acer platanoides Norway Maple 7.0 No Good 1219 ACRU Acer rubrum Red Maple 7.0 No Good	1338 PRSE <i>Prunus serotina</i> Black Cherry 7.0 No Good 1340 ULAM <i>Ulmus americano</i> American Elm 7.0 No Good		1548 ACRU Acer rubrum Red Maple 6.0 No Good 2T 1549 PRSE <i>Prunus serotina</i> Black Cherry 21.0 No Good	PERSONS. COPYRIGHT (D) 2017 ATWELL LLC NO
1220 ACRU Acerrubrum Red Maple 8.5 No Good 1225 TIAM <i>Tilia omericona</i> Basswood 17.0 No Fair	1344 PISY <i>Pinus sylvestris</i> Scotch Pine 14.5 No Fair 1345 QURU <i>Quercus rubra</i> Red Oak 9.5 No Good	Inner Bark Decay	1550 SAAL S <i>assofras albidum</i> Sassafras 15.5 No Good 1551 ACRU <i>Acer rubrum</i> Red Maple 17.0 No Good	COPYRIGHT (1) 2017 ATMELL LLC NO REPRODUCTION SHALL BE MADE MITHOUT THE PRODUCTION CONSENT OF ATMELL LLC
1226 QUAL <i>Quercus aiba</i> White Oak 11.5 No Good	1346 QURU Quercus rubru Red Oak 11.0 No Good		1552 ACRU <i>Acer rubrum</i> Red Maple 8.5 No Good	■ €
1227 TIAM Tilia americana Basswood 11.5 No Good 2T 1228 QUBI <i>Quercus bicolor</i> Swamp White Oak 9.5 No Excellent	1347 ACRU Acer rubrum Red Maple 11.0 No Good 1348 QURU <i>Quercus rubro</i> Red Oak 15.0 No Fair	3 Trunks (3T)	1553 ACRU Acer rubrum Red Maple 23.0 No Good 4 Irunks (41); Fused Trunk Measument 1554 ACRU Acer rubrum Red Maple 8.5 No Good	8
1233 ACNE <i>Acer negundo</i> Boxelder 9.0 No Good 1237 CAGL <i>Carya glabra</i> Pignut Hickory 15.5 No Good	1349 QURU <i>Quercus rubra</i> Red Oak 11.0 No Fair 1350 PRSE <i>Prunus serotina</i> Black Cherry 9.0 No Good		1555 ULAM <i>Ulmus american</i> American Elm 12.5 No Good	5 20 20 20 20 20 20 20 20 20 20 20 20 20
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1241 ACRU Acer rubrum Red Maple 10.5 No Good	1355 PRSE Prunus serotina Black Cherry 7.5 No Dead	Inner Bark Decay	1562 SAAL Sassafras albidum Sassafras 6.5 No Good	WWWA WWWAR E SOUAR HIFELD, M
1242 ACRU Acer rubrum Red Maple 9.0 No Good 1243 CAOV Caryo ovota Shagbark Hickory 9.0 No Good	1356 PRSE Prunus serotina Black Cherry 10.5 No Dead 1358 PRSE Prunus serotina Black Cherry 8.5 No Good	Evidence of decay	1563 ACRU Acertubrum Red Maple 7.5 No Good 1564 PRSE <i>Prunus seratina</i> Black Cherry 10.0 No Good	1200 10WN 5001
1244 PRSE <i>Prunus serotina</i> Black Cherry 10.5 No Good 1245 CAOV <i>Curyo ovata</i> Shagbark Hickory 15.5 No Good	1359 ACRU Acer rubrum Red Maple 9.5 No Good 1360 QURU <i>Quercus rubra</i> Red Oak 16.5 No Fair		1565 PRSE Prunus serotina Black Cherry 7.5 No Fair Tree Leaning 1566 PRSE Prunus serotina Black Cherry 13.0 No Fair	350.4
1246 PRSE Prunus serotina Black Cherry 16.0 No Good	1361 QURU <i>Quercus rubro</i> Red Oak 10.5 No Dead	Evidence of decay	1567 ACRU <i>Acer rubrum</i> Red Maple 8.5 No Good	# 4 866.85
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1251 TIAM Tilia americano Basswood 17.0 No Good	1366 ACRU Acer rubrum Red Maple 8.0 No Good	miner back betay, free Leaning	1573 ACRU <i>Acer rubrum</i> Red Maple 9.0 No Good	
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1262 ULAM Ulmus americana American Elm 7.5 No Good 1263 PRSE Prunus seratina Black Cherry 11.0 No Poor Tree Leaning	1378 ACRU Acer rubrum Red Maple 10.0 No Good 1379 ACRU Acer rubrum Red Maple 13.5 No Good		1584 ACRU Acerrubrum Red Maple 7.5 No Good 1585 ACSAN Acersaccharinum Silver Maple 28.0 No Good	SECTION 24 3TH, RANGE ROCHESTER COUNTY, MI
1264 CAOV <i>Curya ovuta</i> Shagbark Hickory 14.0 No Good 2T 1265 SAAL Sassafras albidum Sassafras 14.0 No Good	1380 PODE <i>Populus delivides</i> Cottonwood 19.0 No Fair 1381 PODE <i>Populus delivides</i> Cottonwood 13.5 No fair		1587 ACRU <i>Acer rubrum</i> Red Maple 30.0 No Good	S NOR OF R
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1269 ACRU Acertubrum Red Maple 9.5 No Good 21	1385 ULAM <i>Ulmus americana</i> American Elm 10.5 No Fair		1592 ACRU Acerrubrum Red Maple 15.5 No Fair Inner Bark Decay	
1270 PODE Populus deltrides Cottonwood 40.0 No Good 12/1 PODE Populus deltrides Cottonwood 40.0 No Poor	1386 ACRU Acertubrum Red Maple 12.0 No Good 1387 PRSE Prunus serotino Black Cherry 18.5 No Good		1593 ACRU Acerrubrum Red Maple 14.5 No Good 2T 1594 QUAL <i>Queccus ofba</i> White Oak 10.0 No Good	
1277 CAOV <i>Carya ovata</i> Shagbark Hickory 10.0 No Good 1273 CAOV <i>Carya ovata</i> Shagbark Hickory 10.5 No Good	1388 PRSE Prunus serotina Black Cherry 14.0 No Good 1389 QURU Quercus rubra Red Oak 22.0 No Fair		7126 QUAL <i>Quercus ofbu</i> White Oak 6.0 No Good 7127 PRSE <i>Prunus serotina</i> Black Cherry 20.0 No 1 air Inner Bark Decay	
1274 CAOV <i>Carya ovata</i> Shagbark Hickory 6.5 No Good 1275 CAOV <i>Carya ovata</i> Shagbark Hickory 11.0 No Fair	1390 CAGL <i>Carya glabra</i> Pignut Hickory 7.0 No Good 1391 QURU <i>Quercus rubra</i> Red Oak 19.0 No Fair		7128 PRSF <i>Prunus serotina</i> Black Cherry 6.0 No Fair 7129 ACRU <i>Acer rubrum</i> Red Maple 7.0 No Good	
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1281 ULAM <i>Ulmus americana</i> American Elm 6.5 No Poor Tree Leaning	1397 QUVE Quercus velutino Black Oak 26.0 No Fair 1398 PRSF <i>Prunus seratina</i> Black Cherry 15.5 No Good	Inner Bark Decay	7134 ACRU Acerrubrum Red Maple 6.5 No Good 7135 QUBI <i>Quercus bicolor</i> Swamp White Oak 6.5 No Fair	M2J1, TWYK CONCE
1787 CAGL Carya globra Pignut Hickory 8.0 No Good 1283 CAOV Carya ovata Shagbark Hickory 7.0 No Good	1399 ACRU Acer rubrum Red Maple 19.5 No Good 1400 CAGL Carya glabra Pignut Hickory 7.5 No Good	5 Trunks (5T)	7136 CAOV <i>Carya ovato</i> Shagbark Hickory 11.0 No Fair 7137 ULAM <i>Ulmus americana</i> American Elm 6.0 No Good	
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1286 ULAM <i>Ulmus americana</i> American Elm 17.0 No Dead	1501 QURU <i>Quercus rubra</i> Red Oak 9.0 No Good 1502 CAOV <i>Carya ovala</i> Shagbark Hickory 10.0 No Good		7139 ULAM <i>Ulmus unericanu</i> American Elm 60 No Good 7141 CAOV <i>Carya ovato</i> Shagbark Hickory 6.5 No Lair	
1288 ACNE Acer negundo Boxeldor 7.0 No Fair 1289 CAGL <i>Carya glabra</i> Pignut Hickory 7.5 No Good	1503 QUBI <i>Quercus bicolor</i> Swamp White Oak 16.0 No Fair 1504 ACRU <i>Acer rubnim</i> Red Maple 32.5 No Good	2T Fused Trunk Measurement	7142 ACRU Acerrubrum Red Maple 21.0 No Good 2T 7143 ACRU Acerrubrum Red Maple 10.0 No Good	
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1293 CAGL <i>Carya glabra</i> Pignut Hickory 8.0 No Good 1294 CAOV <i>Carya ovato</i> Shugbark Hickory 8.0 No Good	1508 HAM <i>lilia americana</i> Basswood 8.5 No Good 1509 CAOV <i>Carya ovata</i> Shagbaik hickory 8.0 No Good	21	7147 ACRU <i>Accr rubrum</i> Red Maple 19.0 No Poor Inner Bark Decay 7148 ACRU <i>Acer rubrum</i> Red Maple 10.0 No Good	08-15-2017 CITY RESUMITAL 10-09-2017 CITY KESUMITIAL
1295 CAOV <i>Carya uvata</i> Shagbark Hickory 9.0 No Good	1510 ACRU Acerrubrum Red Maple 6.5 No Good			
1297 CAOV <i>Carya avata</i> Shagbark Hickory 6.5 No Good	1511 ACRU Acer rubrum Red Maple 12.5 No Good 1512 PRSE Prunus serotina Black Cherry 7.5 No Good			
1298 CAOV <i>Curya ovata</i> Shagbark Hickory 12.5 No Good 1299 CAOV <i>Carya ovata</i> Shagbark Hickory 7.5 No Fair	1513 QURU <i>Quercus rubra</i> Red Oak 39.0 No Good 1514 ACSAN <i>Acer saccharinum</i> Silver Maple 29.5 No Good			
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1306 PIST Pinus strobus White Pine 28.0 No Pour	1520 ACRU Acerrubrum Red Maple 19.0 No Good	Fused Trunk Measurement		
1307 ULAM <i>Ulmus americana</i> American Elm 10.0 No Poor 1308 PRSE <i>Prunus serotina</i> Black Cherry 15.0 No Fair Tree Leaning	1521 CAOV Corya ovota Shagbark Hickory 11.5 No Good 1522 ACRU Acertubrum Red Maple 15.0 No Poor			
1309 PRSE <i>Prunus serotinu</i> Black Cherry 7.5 No Fair Inner Bark Decay 1310 PRSE <i>Prunus serotino</i> Black Cherry 6.0 No Poor	1523 ACRU Acerrubrum Red Maple 11.0 No Good 1524 SAAL Sassafras albidum Sassafras 19.5 No Good			
1311 QURU <i>Quereus rubra</i> Red Oak 9.0 No Good	1525 QUAL Quercus alba white oak 16.5 No Good			REVISIONS
1312 CAOV Carya ovatu Shagbark Hickory 9.5 No Good 1313 PRSE <i>Prunus serotina</i> Black Cherry 17.5 No Fair	1526 QUBI Quercus bicolor Swamp White Oak 11.0 No Good 1527 ACSAN Acer saccharinum Silver Maple 16.0 No Good	2T		SCALE 0 25 50
1314 PRSE Prunus seratino Black Cherry 14.5 No Fair 1315 PRSE Prunus seratino Black Cherry 6.5 No Poor Inner Bark Decay	1528 ACRU Acerrubrum Red Maple 21.0 No Poor 1529 ACSAN Acer saccharinum Silver Maple 9.5 No Good	Inner Bark Decay 2T		1" = 50 FEET DRAWN BY: REK
1316 QURU Quercus rubro Red Oak 14.5 No Fair 1317 QUVF Quercus velutino Black Oak 23.0 No Good	1530 ACSAN Acer sockarinum Silver Maple 18.0 No Good			CHECKED BY: JPC P.M.: E. LORD
1318 PRSE <i>Prunus serotina</i> Black Cherry 6.0 No Good				JOB #: 17000274
1319 CAOV Caryo ovata Shagbark Hickory 13.5 No Good 1320 PRSF Prunus serotina Black Cherry 15.0 No Fair			CITY FILE #17-013	FILE CODE: - SHEET NO. C-03
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THIS PARCEL IS EXEMPT FROM THE CITY TREE PROTECTION ORDINANCE.

AN AUTOMATIC IRRIGATION SYSTEM WILL BE PROVIDE FOR THE LANDSCAPE AREAS AS REQUIRED BY CITY OF ROCHESTER HILLS REQUIREMENTS AT FINAL.

A PROBABLE COST OF THE LANDSCAPE MATERIAL WILL BE PROVIDE AT FINAL.

CITY OF ROCHESTER HILLS MAINTENANCE NOTES 138-12.109

FOM DEBRIS AND REFUSE PRINNING SHALL BE MINIMAL AT TIME OF INSTALLATION, ONLY TO REMOVE DEAD OR DISEASED.

PROMING SHALL BE MIMMAL AT TIME OF INSTALLATION, ONLY OT DEBLAYE LOOK DISEASELY PRAINCHES, SUBSEQUENT PRINING SHALL ASSURE PROPER NATURATION OF PLANTS TO ACHIEVE FLEIR APPROVED PURPOSE.

3. ALL DEAD, DAMAGED OR DISEASED PLANT MATERIAL SHALL BE REMOVED IMMEDIATELY AND

REPLACED WITHIN (6) SIX MONTHS AFTER IT DIES OR IN THE NEXT PLANTING SEASON, WHICH EVER

WITH MONIES PAID BY DEVELOPER.

LANDSCAPE BUFFER STANDARDS

JOHN R - FRONTAGE EAST PROPERTY BOUNDARY: TYPE 'C' BUFFER - 267 LF

			REQUIRED	EXISTING	PROPOSE	
eciduous Shade Trees	2.67 x 2	= 5.34	6	2	4	
vergreen Trees	2.67 x 4	= 10.6	11	-	11	
rnamental Trees	2.67 x 1.5	= 4	4	-	4	
hrubs	2.67 x 6	= 16	16	-	17	

North Property be	OUNDARY:	: TYPE 'B' BUFFER - 725 LF				
			REQUIRED	EXISTING	F	
Deciduous Shade Trees	7.25 x 2	= 14.5	15	6	9	

		REQUIRED	EXISTING	PROPOSED
Deciduous Shade Trees	$7.25 \times 2 = 14.5$	15	6	9
Evergreen Trees	$7.25 \times 2 = 14.5$	15	-	16
Ornamental Trees	7 25 x 1.5 = 11.8	12	-	12
Shrubs	$7.25 \times 4 = 29$	29		29

GRAVEL RIDGE DRIVE - FRONTAGE WEST PROPERTY BOUNDARY: TYPE 'C' BUFFER - 267 LF

			REQUIRED	EXISTING	PROVIDED
Deciduous Shade Trees	2.67 x 2	= 5.34	6		8
Evergreen Trees	2.67 x 4	= 10.6	11	-	10
Ornamental Trees	2.67 x 1.5	= 4	4	•	2
Shrubs	2.67 x 6	= 16	16	-	24

SOUTH	PROPERTY	BOUNDARY:	TYPE 'B'	BUFFER -	725 LF	
				DECHIDED	EVICTINO	,

		REQUIRED	EXISTING	PROPOSED
Deciduous Shade Trees	7.25 x 2 = 14.5	15	10	8
Evergreen Trees	7 25 x 2 = 14.5	15	-	15
Ornamental Trees	7 25 x 1.5 = 11.8	12	-	12
Shrubs	7.25 x 4 = 29	29	-	41

STORMWATER DETENTION BUFFER: 400 LF

0.00	1015		REQUIRED	EXISTING	PROPOSE
Deciduous Shade Trees	40 x 1.5	=	ь	2	8
Evergreen Trees	4.0 x 1	=	4	-	-
Ornamental Trees	NA			-	
Shrubs	40 x 4	Ξ	16	-	16

STREET	DOW	TOFE
SIKEEL	K.U.W.	IKEE

	REQUIRED	PROPOSED
ROAD LENGHT (732.65LF. / 35' = 21 X 2) =	42	42 TREES
3 CALIPER INCHES STREET TREES		

PLANT MATERIAL REQUIREMENTS:

	REQUIRED
Deciduous Shade Trees	3 CALIPER INCHES*
Evergreen Trees	10 FEET HEIGHT AND 5 FEET SPREAD
Ornamental Trees	2 CALIPER INCHES! OR 6 FEET OVERALL HEIG

30 INCHES IN HEIGHT, 24 INCHES IN SPREAD WHEN USED FOR SCREENING OR BUFFERING PURPOSES. 3 GALLON CONTAINED SIZE WHEN USED FOR OTHER PURPOSES

1338 R O W. Black Cherry

7144 R.O.W. White Oak

Black Oak

TREE PRES	SERVATION LIST:			TREE PRES	ERVATION LIST:		
Saved Trees	Species	D8H (m.)	Condition	Wetland Trees	Species	DBH (in.)	Condition
1203	Blue Spruce	7	Fair	7132	Bitternut Hickory	6	Good
1204*	White Oak	24	Good	1285	Shagbark Hickory	7.5	Good
1205*	White Oak	19.5	Good	1286	American Elm	17	Dead
1206	Red Oak	21.5	Fair	1289	Pignut Hickory	7.5	Good
1207*	Norway Spruce	11	Fair	1290	White Oak	9.5	Fair
1208*	Norway Spruce	10	Poor	1299	Shagbark Hickory	7.5	Fair
1214	Red Oak	41.5	Good Landmark	7130	Boxelder	6	Fair
1215	White Oak	26.5	Good	1538	Red Maple	12.5	Good
1216	Black Oak	21.5	Fair	1537	Swamp White Oak	9	Good
1217	Black Oak	29	Fair	1536	Red Maple	7	Good
1218	Norway Maple	7	Good	1535	Silver Maple	27.5	Good
7146	White Mulberry	7	Fair	1534	Red Maple	7.5	Good
1280	Basswood	8.5	Good	1533	Swamp White Oak	9	Good
1283	Shagbark Hickory	7	Good	1532	Silver Maple	8	Good
				1531	Silver Maple	18	Good
Offsite Trees	Species	DBH (In)	Condition	1530	Silver Maple	18	Good
1202	Blue Spruce	8	Good	1529	Silver Maple	9.5	Good
1209	Norway Spruce	15.5	Fair	1528	Red Maple	21	Poor
1210*	Norway Spruce	14	Fair	1527	Silver Maple	16	Good
1211*	Norway Spruce	7	Fair	1526	Swamp White Oak	11	Good
1212	Norway Spruce	8	Fair	7137	American Elm	6	Good
1213	Norway Spruce	7.5	Fair	1516	Red Maple	17.5	Good
1254	Pignut Hickory	11.5	Good	1515	Silver Maple	14	Fair
1405 (Not an	survey)			1514	Red Maple	28.5	Good
1282	Pignut Hickory	8	Good	1514	Silver Maple	29.5	Good
1308	Black Cherry	15	Fair	1520	Red Maple	19	Good

Fair

Red Maple

Good Good

Good

Red Manle

Red Maple

1518 1517







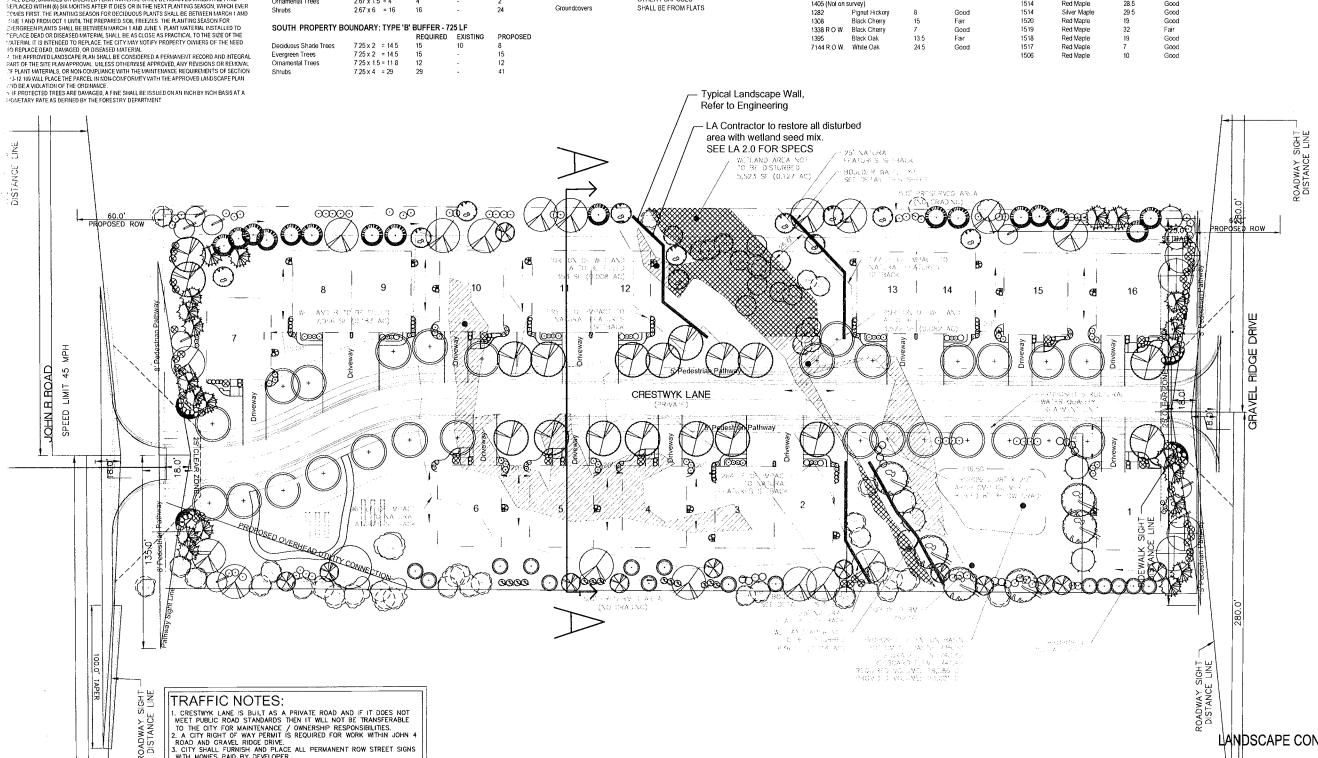


ORNAMENTAL TREES

8000 COVERS

SHRUBS & GROUND





PROJECT:
CRESTWYK ESTATES F
SECTION 24 TOWN 3 NORTH, RA
CITY OF ROCHESTER HILLS
CITY FILE # 17-013 CLIENT: M2J1, LLC JIM POLYZOIS

14955 TECHNOLOGY DRIVE SHELBY TOWNSHIP. MI 48315 Phone: 585.421.5729

PRELIM DESIGN 04/25/2013

NÚÑEZ DESIGN 249 Park Street Troy, Michigan 48083 P: 248, 224,5933

nunezdesigninc@gmail.com Designed / Drawn RN

Checked / Approved JN/RN



LANDSCAPE CONCEPT PLAN

ATERIAL LIST:

SHAI	DE TF	REES				
QTY	KEY	BOTANICAL / COMMON NAME	SIZE	ROOT	Unit Cost	Total / Item
9	AS	Acer Saccharum 'Commemoration' / Commemoration Sugar Maple	3" cal	B&B		
6	BN	Betula Nigra / River Birch	3" cal	B&B		
3	CĖ	Cellis occidentalis / Common hackberry	3" cal	B&B		
7	GB	Ginkgo biloba 'Lakeview' / Lakeview Maidenhair Tree	3" cal	B&B		
2	GT	Gleditsia triacanthos inermis / Thornless Honeylocust	3" cal	B&B		
18	LD	Liriodendron / Tulip Tree	3" cal	B&B		
6	MG	Metasequoia Glyptostrobodies / Dawn Redwood	3" cal	B&B		
27	TG	Tilia cordata 'Greenspire' / Greenspire Linden	3" cal	B&B		
EVE	RGRE	EEN TREES				
8	AB	Abies Concolor / Concolor White Fir	10' Ht.x 5'Sp	B&B		

8	AB	Abies Concolor / C	Ì

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•	18	PG	Picea Glauca / White Spruce	10' Ht.x 5'Sp	P&B
-	11	PS	Pinus Strobus / White Pine	10' Ht.x 5'Sp	B&B
•	15	TC	Tsuga Canadensis / Canadian Hemlock	10' Ht.x 5'Sp	B&B

ORNAMENTAL TREES

AC AcR BnK	Amelanchier canadensis / Shadblow Serviceberry Amelanchier canadensis 'Refzam' / Reflection Shadblow Serviceberry Betula Nigra 'Little King Fox Valley	2" cal or 6' Ht. 2" cal or 6' Ht. 2" cal or 6' Ht.	B&B
MP SR	Malus 'Prairifire' / Prairifire Crab Syringa reticulata 'Ivory Silk' / Ivory Silk Lilac	2" cal or 6' Ht. 2" cal or 6' Ht.	B&B

SHRUBS for Buffers & Detention Areas

QTY	KEY	BOTANICAL / COMMON NAME	SIZE / Spacing	ROOT Unit Cost
21	AA	Aronia arbutifolia 'Brillantissima' / Brilliant Red Chokeberry	30"ht, 24"sp No. 3	Cont.
23	AM	Aronia melandocarpa 'Elata' / Glossy Black Chokeberry	30"ht, 24"sp No. 3	Cont.
20	CA	Cornus alba 'Regnzam' / Red Grome Dogwood	30"ht, 24"sp No. 3	Cont.
14	CR	Cornus racemosa / Gray Dogwood	30"ht, 24"sp No. 3	Cont.
6	RR	Rosa 'Radtko' The Double Knock Out / The Double Knock Out Rose	30"ht, 24"sp No. 3	Cont.
11	TM	Taxus x media 'Densiformis' / Densiformis Yew	30"ht, 24"sp No. 3	Cont.
29	SJ	Spiraea japonica 'Little Princess' / Little Princess Spiraea	18"ht, 18"sp No. 3	Cont.
31	VC	Virburmum carlesii / Koreanspice Virburnum	30"ht, 24"sp No. 3	Cont.
3	VO	Viburnum opulus 'Nanum' / Nanum Dwarf Cranberry Bush	24"ht 24"sp. No. 3	Cont.

PERENNIALS

116	NR	Nepeta x Faassenii 'Walker's Low' / 'Walker's Low Nepeta	1' o.c.	No. 1
88	RS	Rudbeckia speciosa 'Little Suzy' / 'Little Suzy' Dwarf Orange G	Coneflower 1' o.c.	No. 1

LANI	ING MATERIALS		UNIT	
- -/-	Topsoil Installed	T.B.D.	CY Unit Cost	Tota
+/-	Shredded Hardwood Mulch Installed	T.B.D.	CY	
+/-	Terra Sorb or Approved Equal	T.B.D.	LBS	
_AWN				
+/-	Seed	T.B.D.	SF	
+/-	Sad (owner's ontion)	TRD	QV	

IRRIGATION

Total / Item



ALL EVERGREEN AND DECIDUOUS TREES MUST BE FIELD VERIFIED AND PLANTED AT LEAST 15' FEET FROM OVERHEAD UTILITIY WIRES.

THE MATURE MAXIMUM HEIGHT FOR ALL GROUNDCOVERS AND PLANTINGS WITHIN THE 25' CLEARZONE IS 30" IN HEIGHT UNMAINTAINED.

AN AUTOMATIC IRRIGATION SYSTEM WILL BE PROVIDE FOR THE LANDSCAPE AREAS AS REQUIRED BY CITY OF ROCHESTER HILLS REQUIREMENTS AT FINAL.



PROJECT:
CRESTWYK ESTATES F
SECTION 24 TOWN 3 NORTH, RA
CITY OF ROCHESTER HILLS
CITY FILE # 17-013

CLIENT: M2J1, LLC

JIM POLYZOIS 14955 TECHNOLOGY DRIVE SHELBY TOWNSHIP, MI 48315 Phone: 585.421.5729

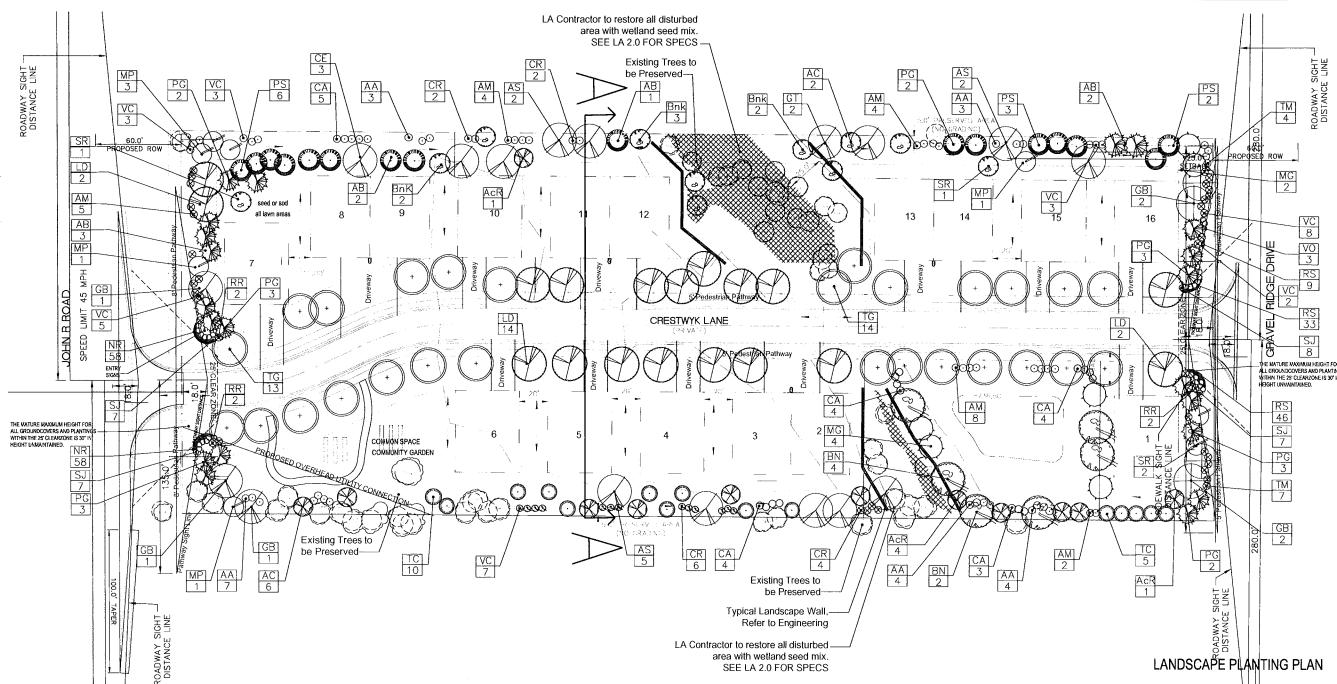
CITY SUBMITTAL 10/9/2017

249 Park Street Troy. Michigan 48083 P: 248, 224,5933 nunezdesigninc@gmail.com Designed / Drawn RN

Checked / Approved JN/RI



CITY FILE: #17-013 LA -1.1



MATERIAL LIST:

	JBS	

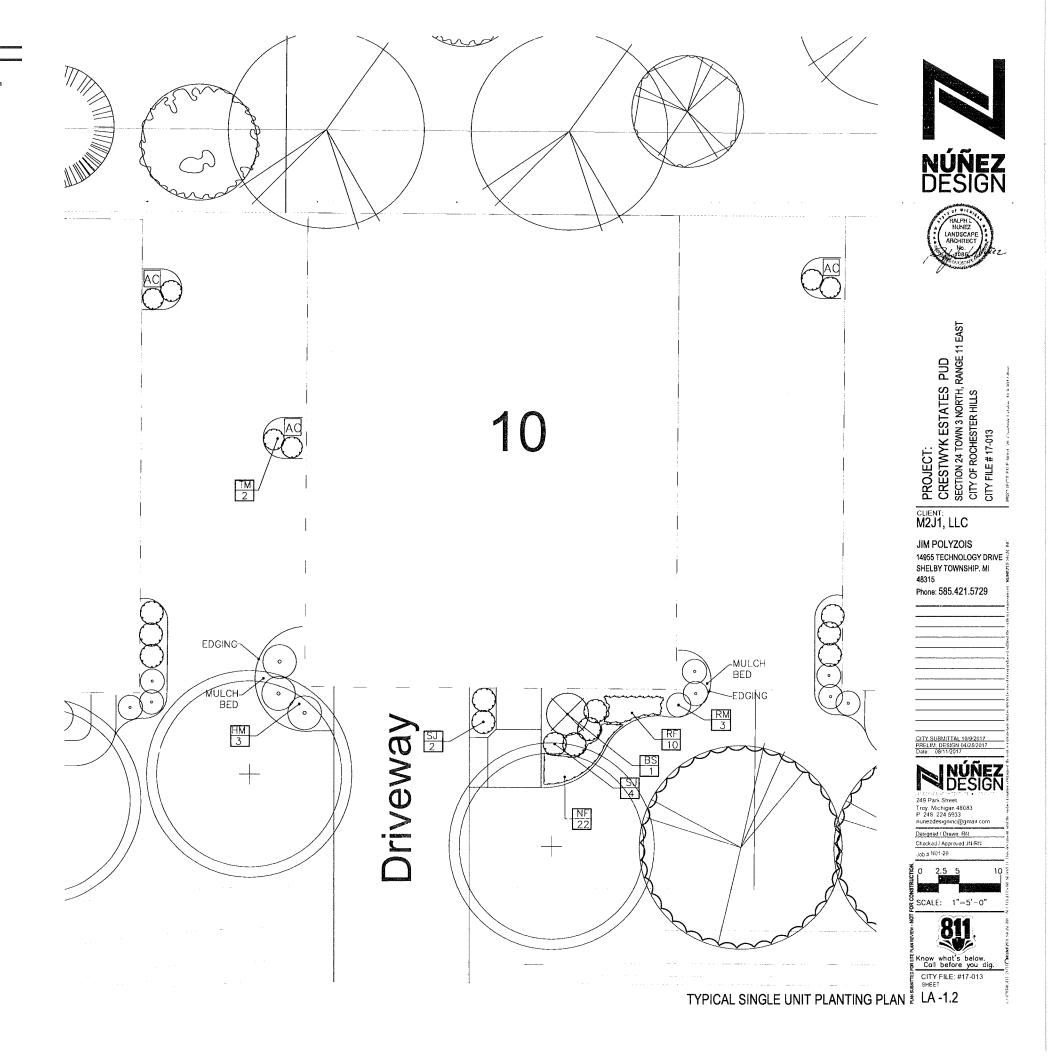
	SHR	UBS					
	QTY	KEY	BOTANICAL / COMMON NAME	SIZE	ROOT	Unit Cost	Total / Item
,	1	BS	Buxus sempervirens ' Highlander' / Highlander Common Boxwood	36"ht, 24"sp	No. 3		
	3	HM	Hydrangea m. 'Glowing Embers' / Glowing Embers Hydrangea	24"ht, 24"sp	No. 3		
	3	RM	Rosa 'Meivahyn' / Knockout Rose	18"ht, 18"sp	No. 3		
	6	SJ	Spiraea japonica 'Little Princess' / Little Princess Spiraea	18"ht, 18"sp	No. 3		
	2	TM	Taxus x media 'Densiformis' / Densiformis Yew	30"ht, 24"sp	No. 5		
	PER	ENNI.	ALS			ŀ	
	22	NF	Nepeta x faassenii 'Walker's Low' / 'Walker's Low Nepeta'	18"ht, 12 " sp	No. 3		
	10	RF	Rudbeckia Fulgida 'Goldsturm' / Black Eyed Susan	18"ht, 18"sp	No. 3		
	PLA	NTIN	G MATERIALS				
	+/-	To	opsoil Installed				
	+/-	SI	hredded Hardwood Mulch Installed				
	+/-	Τe	erra Sorb or Approved Equal				
	+/-	E,	taina T. D. D.				

Edging T.B.D. LAWN

Sod (owner's option)

THE MATURE MAXIMUM HEIGHT FOR ALL GROUNDCOVERS AND PLANTINGS WITHIN THE 25' CLEARZONE IS 30" IN HEIGHT UNMAINTAINED.

AN AUTOMATIC IRRIGATION SYSTEM WILL BE PROVIDE FOR THE LANDSCAPE AREAS AS REQUIRED BY CITY OF ROCHESTER HILLS REQUIREMENTS AT FINAL.



MATERIAL LIST:

SHRUBS

QTY. KEY SCIENTIFIC / COMMON NAME

4 HM Hydrangea m. 'Glowing Embers' / Glowing Embers Hydrangea 10 SJ Spiraea japonica 'Little Princess' / Little Princess Spiraea

SPECIFICATION 24"ht, 24"sp No. 3

18"ht, 18"sp No. 3

30"ht, 24"sp No. 5

18"ht, 18"sp No. 3

10 TM Taxus x media 'Densiformis' / Densiformis Yew

PERENNIALS

8 RF Rudbeckia Fulgida 'Goldsturm' / Black Eyed Susan

PLANTING MATERIALS

Topsoil Installed

Shredded Hardwood Mulch Installed

Terra Sorb or Approved Equal

+/-LAWN

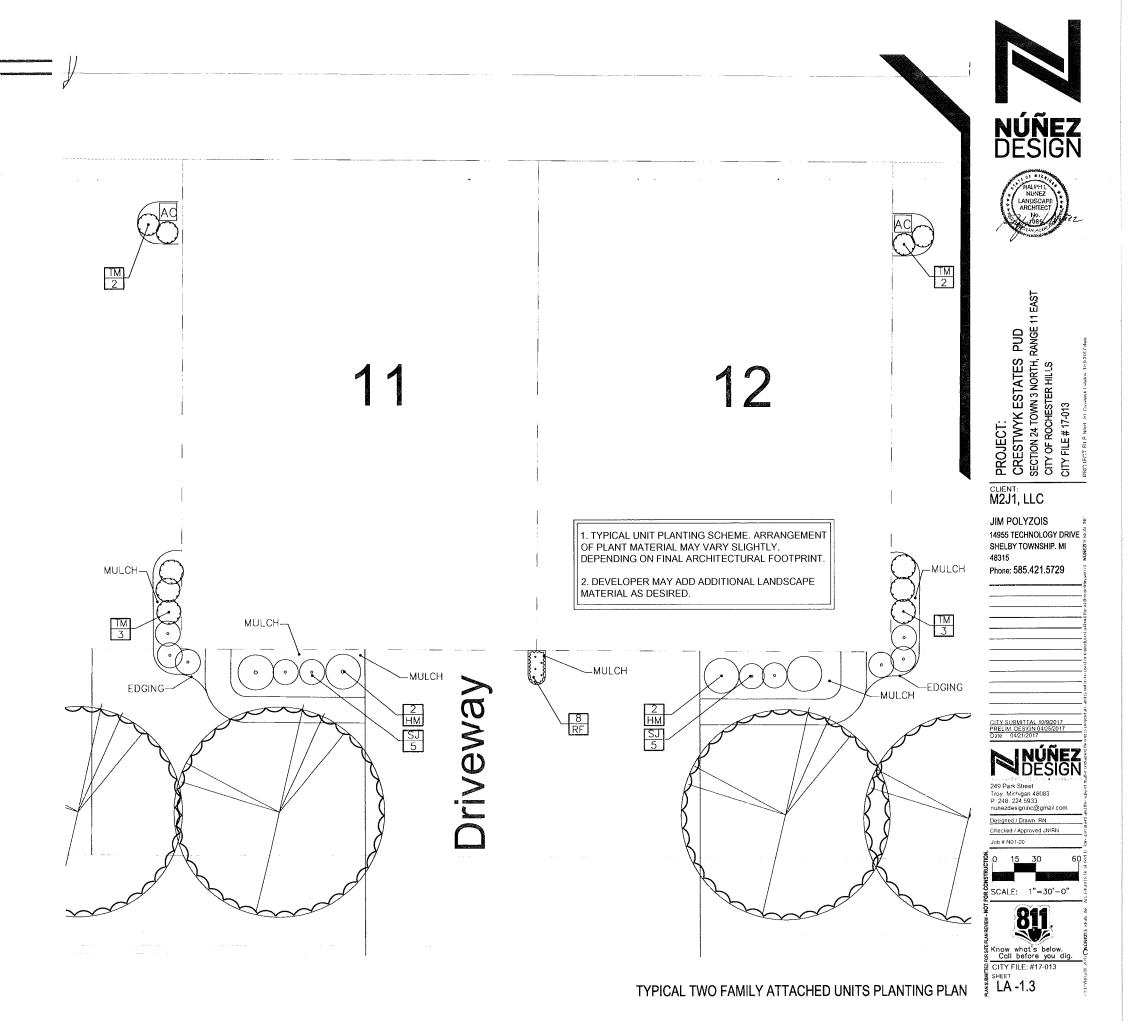
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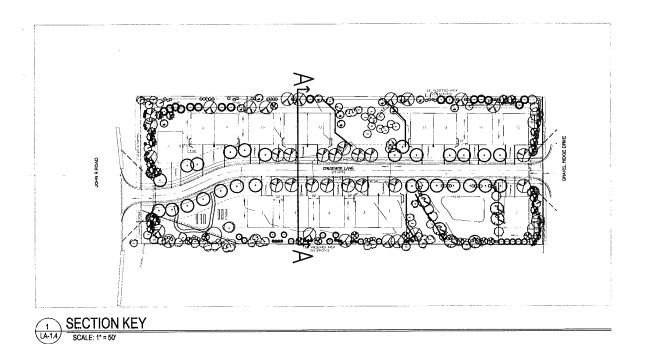
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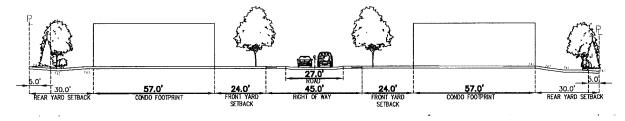
Sod (owner's option)

THE MATURE MAXIMUM HEIGHT FOR ALL GROUNDCOVERS AND PLANTINGS WITHIN THE 25' CLEARZONE IS 30" IN HEIGHT UNMAINTAINED.

AN AUTOMATIC IRRIGATION SYSTEM WILL BE PROVIDE FOR THE LANDSCAPE AREAS AS REQUIRED BY CITY OF ROCHESTER HILLS REQUIREMENTS AT FINAL







SECTION A-A: GRAVEL RIDGE DRIVE

SCALE: 1" = 20"





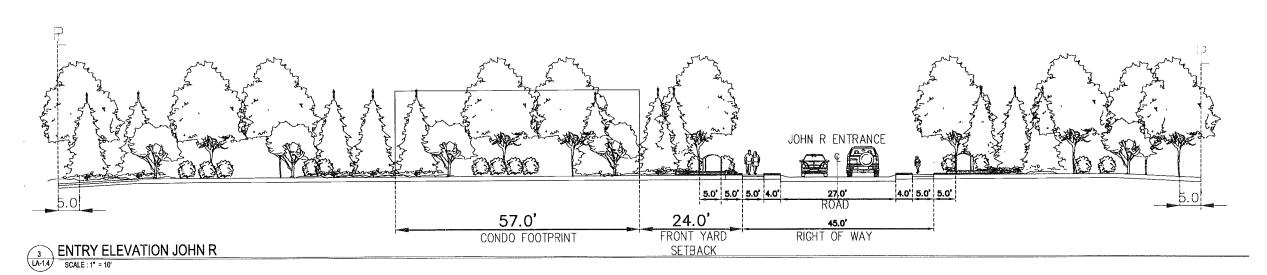
CLIENT: M2J1, LLC

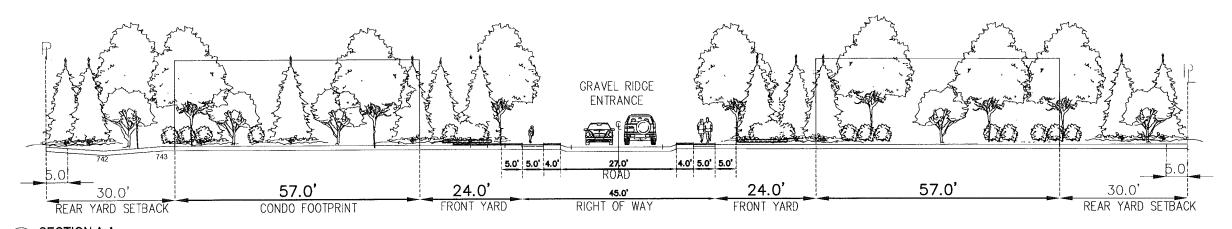
JIM POLYZOIS 14955 TECHNOLOGY DRIVE SHELBY TOWNSHIP. MI 48315

Phone: 585.421.5729

Designed / Drawn RN

CITY FILE: #17-013 SHEET LA -1.4





4 SECTION A-A SCALE: 1" = 10'

CITY NOTES

- 1 ALL PLANT MATERIAL SHALL MEET CURRENT STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN AND APPROVED BY THE AMERICAN NATIONAL STANDARDS INSTITUTE, INC
- 2. ALL PLANT MATERIAL SHALL BE TRUE TO NAME IN CONFORMANCE TO THE CURRENT EDITION O 2 ALL POWN MATERIAL STATE BE INVESTIGATED TO THE AMERICAN JOINT COMMITTEE ON HORTICULTURAL NOMENCLATURE, OR OTHER SOURCE ACCEPTED BY THE CITY.
- 3. ALL PLANT MATERIAL SHALL BE NURSERY GROWN IN A NORTHERN CLIMATE: HARDY TO THE CLIMATE OF MICHIGAN; APPROPRIATE FOR THE SOIL; CLIMATIC AND ENVIRONMENTAL CONDITIONS; AND RESISTANT TO DISEASE AND INSECT ATTACK.
- 4. A MINIMUM FOUR (4) INCHES OF TOPSOIL SHALL BE PROVIDED FOR ALL LAWN AREAS, GROUND COVERS, AND PLANTING BEDS
- 5. ARTIFICIAL PLANT MATERIAL IS PROHIBITED AND SHALL NOT BE USED TO MEET THE REQUIREMENTS OF THIS ARTICLE.
- 6 LAWN AREAS SHALL BE PLANTED IN SPECIES OF GRASS NORMALLY GROWN IN MICHIGAN, GRASS MAY BE SODDED OR HYDRO-SEEDED, PROVIDED THAT ADEQUATE MEASURES ARE TAKEN TO MINIMIZE SOI EROSION, SOD OR SEED SHALL BE CLEAN AND FREE OF WEEDS AND NOXIOUS PESTS OR DISEASE.
- 7. A MINIMUM 4-INCH LAYER OF SHREDDED HARDWOOD BARK SHALL BE PLACED IN ALL PLANTER BEDS CONTAINING TREES OR SHRUBS AND AROUND THE BASE OF ALL TREES PLANTED WITHIN LAWN AREAS. ALL SHRUBS PLANTED WITHIN LAWN AREAS ARE TO BE PLANTED IN GROUPS AND MULCHED AS A GROUP, AND HEDGEROWS ARE TO BE MULCHED AS ONE CONTINUOUS STRIP.
- 8 LIVE GROUNDCOVERS SUCH AS MYRTLE. BLUE RUG JUNIPERS, BALTIC IVY AND OTHER SIMILAR VINES AND PLANT MATERIAL SHALL BE MULCHED WITH A 2-NICH LAYER OF SHREDDED HARDWOOD BARK. ANY DEVIATIONS MUST BE APPROVED BY THE CITY'S LANDSCAPE ARCHITECT.
- 9 PLANT MATERIALS SHALL NOT BE PLACED CLOSER THAN FOUR FEET FROM THE FENCE LINE OR PROPERTY LINE.
- 10. DECIDUOUS AND ALL SHRUBS MAY NOT BE PLANTED WITHIN 5 FEET. AND EVERGREEN TREES MAY NOT BE PLANTED WITHIN TEN (10) FEET OF ANY CURB OR PUBLIC WALKWAY.
- 11. TREES AND SHRUBS MAY NOT BE PLANTED WITHIN 10 FEET OF A FIRE HYDRANT
- 12 WHERE PLANT MATERIALS ARE PLANTED IN TWO OR MORE ROWS, PLANTING SHALL BE STAGGERED IN
- 13. WHERE SHRUB PLANTINGS ARE REQUIRED TO FORM A CONTINUOUS HEDGE, THE PLANTS SHALL NOT BE SPACED OUT MORE THAN 36 INCHES ON CENTER AT PLANTING AND SHALL HAVE A MINIMUM HEIGHT AND SPREAD OF 30 INCHES AT PLANTING, SHRUBS THAT WILL NOT ATTAIN SUFFICIENT WIDTH TO FORM A COMPLETE HEDGE SPACED 36 INCHES ON CENTER SHALL BE PLANTED AT A SPACING THAT WILL ALLOW THEM TO FORM A COMPLETE HEDGE WITHIN TWO YEARS OF PLANTING

RESPONSIBILITY NOTES

- 1 LANDSCAPE CONTRACTOR SHALL VISIT SITE, INSPECT EXISTING CONDITIONS AND REVIEW PF PLANTING AND RELATED WORK. IN CASE OF DISCREPANCY BETWEEN PLAN AND PLANT LIST, THE PLAN SHALL GOVERN QUANTITIES. CONTACT LANDSCAPE ARCHITECT WITH ANY CONCERNS
- 2 CONTRACTOR SHALL VERIFY LOCATIONS OF ALL ON-SITE UTILITIES PRIOR TO BEGINNING CONSTRUCTION ON HIS/HER PHASE OF WORK. ELECTRIC, GAS, TELEPHONE, CABLE TELEVISION MAY BE LOCATED BY CALING MISS DIG 1-800-482-7171. ANY DAMAGE OR INTERRUPTION OF SERVICES SHALL BE THE RESPONSIBILITY OF CONTRACTOR. CONTRACTOR SHALL CORDINATE ALL RELATED ACTIVITIES WITH OTHER TRADES ON THE JOB AND SHALL REPORT ANY UNACCEPTABLE JOB CONDITIONS TO OWNERS REPRESENTATIVE PRIOR TO COMMENCING.
- 3. CONTRACTOR WILL SUPPLY FINISHED GRADE AND EXCAVATE AS NECESSARY TO SUPPLY 4" TOPSOIL DEPTH IN ALL PLANTING BEDS AND 4" TOPSOIL DEPTH IN ALL LAWN AREAS USING MATERIAL FROM SPOIL PILE
- 4. ACCEPTANCE OF GRADING AND SOD SHALL BE BY THE LANDSCAPE ARCHITECT AND/OR PROJECT REPRESENTATIVE AND AS DETERMINED BY THE CITY. THE CONTRACTOR SHALL ASSUME MAINTENANCE RESPONSIBILITY FOR A MINIMUM OF TWO (2) YEARS MAINTENANCE SHALL INCLUDE WATERING, WEEDING, REPLACEMENTS OF WASHOUTS AND OTHER OPERATIONS NECESSARY TO KEEP SOD IN A THRIVING CONDITION: UPON FINAL ACCEPTANCE BY LANDSCAPE ARCHITECT AND/OR PROJECT REPRESENTATIVE AND AS DETERMINED BY THE CITY. THE OWNER SHALL ASSUME ALL MAINTENANCE RESPONSIBILITIES.
- 5 THE CONTRACTOR SHALL GUARANTEE ALL LANDSCAPING FOR A PERIOD OF TWO (2) YEARS BEGINNING AFTER APPROVAL BY THE CITY OF ROCHESTER HILL'S LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL REPLACE DUNING AND AT THE END OF THE GUARANTEE PERIOD, AND THE ADD OF THE GUARANTEE PERIOD, AND TEAD OR UNACCEPTABLE PLANTS. AS DETERMINED BY THE CITY OF ROCHESTER HILL'S LANDSCAPE ARCHITECT. WITHOUT COST TO THE
- 6. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON LANDSCAPE PLAN PRIOR TO PRICING THE WORK

LANDSCAPING NOTES

- 1 PRIOR TO THE RELEASE OF THE PERFORMANCE BOND THE CITY OF ROCHESTER HILLS MUST INSPECT ALL LANDSCAPE PLANTING INCLUMES BUT NOT LIMITED TO EXISTING TREES, REPLACEMENT TREES. BUFFER PLANTINGS, AND PARKING LOT ISLANDS. THE RIGHT-OF-WAY WILL BE INSPECTED BY THE FORESTRY DIVISION TO IDENTIFY ANY PLANTINGS NEW OR EXISTING THAT POSE A HAZARD TO THE SAFE USE OF THE RIGHT-OF-WAY. FORESTRY MAY REQUIRE THE DEVELOPER TO REMOVE AND POSSIBLY REPLACE ANY SUCH TREES
- 2. ALL TREES AND SHRUBS MUST BE PLANTED AT LEAST 10' FROM THE EDGE OF THE PUBLIC RIO. SHADE TREES AND SHRUBS MUST BE PLANTED AT LEAST 5 FROM THE EDGE OF THE PUBLIC WALKWAY EVERGREEN AND ORNAMENTAL TREES MUST BE PLANTED AT LEAST 10 FROM THE EDGE OF THE PUBLIC WALKWAY ALL TREES AND SHRUBS MUST BE PLANTED AT LEAST 10 FROM THE PUBLIC THE PUBLIC WALKWAY ALL TREES AND SHRUBS MUST BE PLANTED AT LEAST 10 FROM AND FIRE HYDRANT SHADE AND EVERGREEN TREES MUST BE PLANTED AT LEAST 15 FROM THE NEAREST OVERHEAD WIRE AND AT
- 3 NO TREES OR SHRUBS MAY BE PLANTED WITHIN THE TRIANGULAR AREA FORMED AT THE INTERSECTION OF ANY STREET RIGHT-OF-WAY AT A DISTANCE OF 25' FROM THEIR POINT OF INTERSECTION. NO TREES OR SHRUBS MAY BE PLANTED IN THE TRIANGULAR RARE FORMED AT THE INTERSECTION OF ANY DRIVEWAY WITH A PUBLIC WALKWAY AT A DISTANCE ALONG EACH LINE OF 15' FROM THEIR POINT OF
- 4 PRIOR APPROVAL IS REQUIRED TO PLANT ANY TREE OR SHRUB IN THE PUBLIC RIGHT-OF-WAY
- $5\,$ NO SUBSTITUTIONS OR CHANGES OF LOCATION OR PLANT TYPES SHALL BE MADE WITHOUT THE APPROVAL OF THE DEVELOPER AND THE CITY OF ROCHESTER HILLS
- $6\,$ THE DEVELOPER AND/OR THE CITY OF ROCHESTER HILL SHALL HAVE THE RIGHT. AT ANY STAGE OF THE INSTALLATION, TO REJECT ANY WORK OR MATERIAL THAT DOES NOT MEET THE REQUIREMENTS OF THE PLANS OR SPECIFICATIONS
- 7 REPLACEMENT TREES MAY NOT BE PLANTED WITHIN THE DRIP LINE OF EXISTING TREES
- δ NO SUBSTITUTIONS OR CHANGES OF LOCATION OR PLANT TYPE SHALL BE MADE WITHOUT THE APPROVAL OF THE DEVELOPER AND THE CITY ROCHESTER HILLS
- 9 TREES MUST BE AT LEAST 10' FROM UNDERGROUND UTILITIES AND 15' FROM OVERHEAD UTILITIES
- 10. THESE REQUIREMENTS ARE INCORPORATED INTO THE PLAN

CITY OF ROCHESTER HILLS NOTES

1. ALL LANDSCAPE AREAS MUST BE IRRIGATED. WATERING WILL ONLY OCCUR BETWEEN THE HOURS OF 12 AM AND 5 AM.

2 SIGNS SHALL MEET THE REQUIREMENTS OF CHAPTER 134 OF THE CITY'S CODE OF ORDINANCES

- 1. THE TREE PROTECTION FENCING (TPF) SHALL BE ERECTED PER THE PLANS APPROVED BY THE CITY OF ROCHESTER HILLS PLANNING DEPARTMENT. THE TPF MUST BE IN PLACE AND BE INSPECTED BY THE CITY OF ROCHESTER HILLS PRION TO THE START OF ANY EASTHWORK OR CONSTRUCTION OPERATIONS. IT IS THE DEVELOPER'S RESPONSIBILITY TO CONTACT THE CITY PLANNING DEPARTMENT AT 1-248-556-4660 TO SCHEDULE A TRE INSPECTION. THE TRE SHALL REMAIN IN PLACE THROUGHOUT THE ENTIRE CONSTRUCTION PROCESS OR UNTIL THE CITY AUTHORIZES THE REMOVAL OR ISSUES A FINAL CERTIFICATE OF OCCUPANCY, WHICHEVER OCCURS FIRST.
- 2. UPON COMPLETION OF GRADING AND THE INSTALLATION OF THE INFRASTRUCTURE A SECOND INSPECTION OF THE TPF AND THE TREES DESIGNATED FOR PRESERVATION IS REQUIRED BY THE CITY OF ROCHESTER HILLS PRIOR TO THE START OF ANY ADDITIONAL CONSTRUCTION. IT IS THE DEVELOPER'S RESPONSIBILITY TO CONTACT THE CITY PLANNING DEPARTMENT AT 1-248-656-4660 TO
- 3. UPON COMPLETION OF ALL CONSTRUCTION AND PRIOR TO THE REMOVAL OF THE CITY OF ROCHESTER HILLS MUST INSPECT ALL TREES DESIGNATED TO BE PRESERVED. THE LANDSCAPE PERFORMANCE BOND WILL NOT BE RELEASED UNTIL. THIS INSPECTION IS COMPLETE AND ALL RELATED ISSUES ARE RESOLVED. IT IS THE DEVELOPER'S RESPONSIBILITY TO CONTACT THE CITY PLANNING DEPARTMENT AT 1-248-656-4660 TO SCHEDULE THIS INSPECTION.
- 4. A FINAL INSPECTION BY THE CITY OF ROCHESTER HILLS IS REQUIRED AT THE END OF THE WÂRRANTY AND MAINTENANCE PERIOD. THE LANDSCAPE MAINTENANCE BOND WILL NOT BE RELEASED UNTIL THIS INSPECTION IS COMPLETE AND ALL RELATED ISSUES ARE RESOLVED. IT IS THE DEVELOPER'S RESPONSIBILITY TO CONTACT THE CITY PLANNING DEPARTMENT AT 1-248-656-4660 TO SCHEDULE THIS
- 5. THE TREE CONSERVATION ORDINANCE PROHIBITS ANY CONSTRUCTION OR DEVELOPMENT 5. THE TREE CUSSENVALION OXDINANCE PROBIBITS ANY CONSTRUCTION ON DEVELOPMENT ACTIVITIES WITHIN THE BIRL LINE OF AND REGULATED TREES NOT APPROVED FOR REMOVAL, INCLUDING BUT NOT LIMITED TO LAND CLEARING, GRUBBING, TRENCHING, GRADING OR FILLING, NO PERSON SHALL PLACE ANY SOLVENTS, BUILDING MATERIALS, CONSTRUCTION EQUIPMENT, SOIL DEPOSITS, OR HARMFUL MATERIALS WITHIN THE DRIP LINE LIMIT OF TREES DESIGNATED FOR
- 6. PROPOSED GRADES ARE TO MATCH THE EXISTING ELEVATIONS OUTSIDE THE LIMITS OF THE TPF. NO GRADING EITHER CUT OR FILL IS PERMITTED WITHIN THE DRIP LINE OF ANY TREE DESIGNATED FOR
- 7. DURING THE CONSTRUCTION PROCESS NO PERSON SHALL ATTACH ANY DEVICE OR WIRE/CABLE/CORD/ROPE TO AN EXISTING TREE DESIGNATED TO BE PRESERVED.
- 8. ALL UTILITY SERVICE REQUEST MUST INCLUDED NOTIFICATION TO THE INSTALLER THAT PROTECTED TREES MUST BE AVOIDED. ALL TRENCHING SHALL OCCUR OUTSIDE THE TPF.
- 9. SWALES SHALL BE ROUTED TO AVOID THE AREA WITHIN THE DRIP LINE OF THE ANY TRE DESIGNATED FOR PRESERVATION. SWALES SHALL BE CONSTRUCTED SO AS NOT TO DIRECT ANY ADDITIONAL FLOW INTO THE DRIP LINE A TREE DESIGNATED FOR PRESERVATION.
- 10. IF TREE PROTECTION CANNOT BE MAINTAINED FOR A TREE THROUGHOUT ENTIRE PERIOD REQUIRED THE EPICACEMENT OF THAT TREE WILL BE REQUIRED ON AND INCH FOR INCH BASIS PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.
- 11. REGULATED TREES LOCATED OFF-SITE ON ADJACENT PROPERTIES THAT MAY BE AFFECTED BY CONSTRUCTION OPERATIONS MUST BE PROTECTED AS DEFINED HERE IN:
- 12. THE TPF SHALL CONSIST OF 4 FOOT HIGH ORANGE SNOW FENCING TO BE INSTALLED AROUND THE DRIP LINE OF ALL TREE DESIGNATED TO BE SAVED. THIS FENCING SHALL BE SUPPORTED BY 6 FOOT METAL T-BAR POSTS 5 FEET ON CENTER AND DRIVEN A MINIMUM OF 24" INTO GROUND. THE TP FENCING SHALL REMAIN UPRIGHT AND SECURELY IN PLACE FOR THE REQUIRED TIME AS SPECIFIED

CITY OF ROCHESTER HILLS FORESTRY NOTES

1 PRIOR APPROVAL IS REQUIRED TO PLANT ANY TREE OR SHRUB ON THE PUBLIC RIGHT-OF-WAY ALL TREES AND SHRUBS MUST
BE FLANTED AT LEAST OF FROM THE EDGE OF THE PUBLIC ROAD SHADE TREES AND SHRUBS MUST BE PLANTED AT LEAST 5'
FROM THE EDGE OF THE PUBLIC WALKWAY EVERGREEN AND ORNAMENTAL TREES MUST BE PLANTED AT LEAST 10' FROM THE EDGE OF THE PUBLIC WALKAVAY

2 NO TREES OR SHRUBS MAY BE PLANTED WITHIN THE TRIANGULAR AREA FORMED AT THE INTERSECTION OF ANY STREET RIGHT-OF-WAY LINES AT A DISTANCE ALONG EACH LINE OF 25' FROM THEIR POINT OF INTERSECTION ALL TREES AND SHRUBS MUST BE AT LEAST 10' FROM ANY HYDRANT. SHADE AND EVERGREEN TREES MUST BE AT LEAST 15' AWAY FROM THE NEARES' OVERHEAD WIRE, TREES MUST BE PLANTED A MINIMUM OF 5' FROM AN UNDERGROUND UTILITY, UNLESS THE CITY'S LANDSCAPE ARCHITECT REQUIRES A GREATER DISTANCE

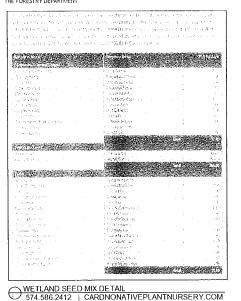
3 PRIOR TO THE RELEASE OF THE PERFORMANCE POND, THE CITY OF ROCHESTER HILLS FORESTRY DIVISION NEEDS TO INSPECT ALL TREES, EXISTING OR PLANTED, TO IDENTIFY ANY THAT POSE A HAZARD TO THE SAFE USE OF PUBLIC RIGHT-OF-WAY FORESTRY MAY REQUIRE THE DEVELOPER TO REMOVE, AND POSSIBLY REPLACE, ANY SUCH TREES

- CITY OF ROCHESTER HILLS IMAINTENANCE NOTES 138-12.109

 1 LANDSCAPING SHALL BE KEPT HIA NEAT, ORDERLY AND HEALTHY GROWING CONDITION, FREE FROM DEBRIS AND REFUSE
 2 PRUNING SHALL BE MINIMAL AT TIME OF INSTALLATION, CRULY TO REMOVE DEAD OR DISEASED BRANCHES SUBSEQUENT
 PRUNING SHALL ASSURE PROPER MATURATION OF PLANTS TO ACHIEVE THEIR APPROVED PURPOSE 3 ALL DEAD, DAMAGED, OR DISEASED PLANT MATERIAL SHALL BE REMOVED IMMEDIATELY AND REPLACED WITHIN (6) SIX MONTHS
- AFTER IT DIES OR IN THE NEXT PLANTING SEASON, WHICH EVER COMES FIRST. THE PLANTING SEASON FOR THE DECIDIOUS PLANTS SHALL BE BETWEEN MARCH I AND JUNE 1. PLANT MATERIAL INSTALLED TO REPLACE DEAD OR DISEASED MATERIAL SHALL BE AS CLOSE AS PRACTICAL TO THE SIZE OF THE MATERIAL IT IS INTENDED TO REPLACE. THE CITY MAY NOTIFY PROPERTY SWINERS OF THE NEED TO REPLACE DEAD. DAMAGED, OR DISEASED MATERIAL
- OWNERS OF THE MEED TO REPLACE DEAD, DAMAGED, OR DISEASED MATERIAL.

 4 THE APPROVID LANDSCAPE TAM SHALL BE CONSIDERED A PERIAMENT RECORD AND INTEGRAL PART OF THE SITE PLAN APPROVID. UNLESS OTHERWISE APPROVED, ANY REVISIONS OR REMOVAL OF PLANT MATERIALS, OR NON-COMPLIANCE WITH THE MAINTENANCE REQUIREMENTS OF SECTION 1384 2169 WILL PLACE THE PARCE, IN NON-CONFORMITY WITH THE APPROVED LANDSCAPE PLAN AND BE A VIOLATION OF THE ORDINANCE.

 5 I PROTECTED TREES ARE DAMAGED, A PINE SHALL BE ISSUED ON AN INCH BY INCH BASIS AT A MONETARY RATE AS DEFINED BY THE FORESTRY DEPARTMENT.



PLANTING NOTES:

- INSTALL AND MAINTAIN ALL LANDSCAPING ACCORDING TO ROCHESTER HILLS STANDARDS IN CASE OF DISCREPANCY BETWEEN PLAN AND PLANT LIST. THE PLAN SHALL GOVERN CUANTITIES. CONTACT LANDSCAPE ARCHITECT WITH ANY CONCERNS

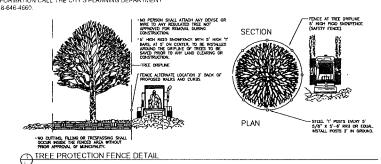
 ALL PLANT MATERIAL, TO BE PREMIUM GRADE NURSERY STOCK. PLANT MATERIAL SHALL CONFORM TO THE GUIDELINES ESTABLISHED IN THE MOST RECENT EDITION OF THE MERICAN STANDARD FOR NURSER STOCK. CONTRACTOR TO SUPPLY NURSERY SOURCES FOR ALL PURCHASED MATERIAL. NO BARE ROOT OR PARK GRADE MATERIAL. NO BARE ROOT OR PARK GRADE MATERIAL. OR PARK GRADE MATERIAL WILL BE ACCEPTED
- 3. SOD: IF OWNER SELECTS THIS OPTION, CONTRACTOR WILL INSTALL SOD IN ALL AREAS INDICATED AS LAWN ON PLAN. SOD TO BE WELL ESTABLISHED. MINERAL GROWTH. SOD BLEND SHALL CONSIST OF A MINIMUM OF THREE (3) IMPROVED VARIETIES OF BLUEGRASS. ACCEPTANCE AND GUARANTEE NOTES
- 4. EDGING SHALL BE A SHOVEL EDGE
- 5 ALL TREE PITS MUST BE TESTED FOR PROPER DRAINAGE PRIOR TO PLANTING TREES. A DRAINAGE SYSTEM MUST BE INSTALLED IF PLANTING PIT DOES NOT DRAIN SUFFICIENTLY (REQUIRED IN HEAVY CLAY
- 6. ALL LANDSCAPE AREAS SHALL HAVE PROPER DRAINAGE THAT PREVENTS EXCESS WATER FROM STANDING ON LAWN AREAS OR AROUND TREES AND SHRUBS.
- 7. STAKES USED FOR TREE SUPPORTS SHALL FOINT AWAY FROM ANY CIRCULATION ROUTES
- 8. MULCHING AND WATERING OF ALL PLANTS AND TREES SHALL BE IMMEDIATELY OR WITHIN 16 HOURS AFTER INSTALLATION.
- 9. THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REJECT ANY PLANT MATERIAL NOT MEETING SPECIFICATIONS.
- 10. REMOVE ALL TREE STAKES AND GUY WIRES AFTER ONE WINTER.
- 11, USE GRADE "A" DOUBLE SHREDDED HARDWOOD BARK
- 12. DIG SHRUB PITS 1' LARGER THAN SHRUB ROOT BALLS AND TREE PITS 2' LARGER THAN ROOT BALLS. BACK FILL WITH ONE PART TOPSOIL AND ONE PART SOIL FROM THE EXCAVATED PLANTING HOLE. PLANT TREES AND SHRUBS AT THE SAME GRADE LEVEL AT WHICH THEY WERE PLANTED AT THE NURSERY. IF WET, CLAY SOILS ARE EVIDENT, PLANT TREES AND SHRUBS HIGHER.
- 13. REMOVE ALL TWINE, WIRE, AND BURLAP FROM THE TOP 1/3 OF TREE AND SHRUB EARTH BALLS AND
- 14 LAWN TREES ARE TO BE MULCHED WITH A MINIMUM OF 4' WIDE BY 4" DEEP SHREDDED BARK FOR TRUNK PROTECTION ONLY NATURAL-COLORED SHREDDED HARDWOOD BARK MULCH WILL BE ACCEPTED
- 15, SHRUB BEDS ARE TO BE MULCHED WITH SHREDDED BARK MULCH TO A MINIMUM DEPTH OF 4°. ONLY NATURAL-COLORED SHREDDED HARDWOOD BARK MULCH WILL BE ACCEPTED.
- 16 BACKFILL DIRECTLY BEHIND ALL CURBS AND ALONG SIDEWALKS AND COMPACT TO THE TOP OF CURB OR WALK TO SUPPORT VEHICLE AND PEDESTRIAN WEIGHT WITHOUT SETTLING
- 17. ALL LANDSCAPE AREAS, SPECIAL PARKING LOT ISLANDS AND LANDSCAPE BEDS NEXT TO BUILDINGS SHALL BE EXCAVATED OF ALL BUILDING MATERIALS AND POOR SOILS TO A DEPTH OF 12*-18* AND BACK-FILLED WITH GOOD, WEDIUM TEXTURED PLANTING SOIL (LOAM) OR LIGHT YELLOW CLAY). ADD 4*-8* OF TOPSOIL OVERFILL MATERIAL AND CROWN A MINIMUM OF 6" ABOVE TOP OF CURBS AND/OR WALKS AFTER EARTH SETTLING UNLESS OTHERWISE NOTED ON THE LANDSCAPE PLAN
- 18. CONVERSION OF ALL ASPHALT AND GRAVEL AREAS TO LANDSCAPE SHALL BE DONE IN THE FOLLOWING A REMOVE ALL ASPHALT, GRAVEL AND COMPACTED EARTH TO A DEPTH OF 6"-18" DEPENDING ON THE
- DEPTH OF THE SUB-BASE AND DISPOSE OF OFF SITE

 B. REPLACE EXCAVATED MATERIAL WITH GOOD, MEDIUM TEXTURES PLANTING SOIL (LOAM OR LIGHT YELLOW CLAY) TO A MINIMUM OF 2" ABOVE TOP F CURB AND SIDEWALK, ADD 4"-6" OF TOPSOIL AND CROWN
- YELLOW CLAY) TO A MINIMUM OF 2" ABOVE TOP F CURB AND SIDEWALK. ADD 4"-6" OF TOPSOIL AND CROW TO A MINIMUM OF 6" ABOVE ADJACENT CURB AND WALK AFTER EARTH SETTLING UNLESS OTHERWISE NOTED ON THE LANDSCAPE PLAN IF CONVERSION TO LANDSCAPE CACURS IN AN EXISTING (OR BETWEEN) LANDSCAPE AREA(S). REPLACE EXCAVATED MATERIAL TO 4"-6" BELOW ADJACENT EXISTING GRADES WITH GOOD MEDIUM TEXTURED PLANTINGS ODIL (LOAM OR LIGHT YELLOW CLAY) AND ADD 4"-6" OF TOPSOIL TO MEET EXISTING GRADES AFTER EARTH SETTLING
- 19 ALL PLANT MATERIAL TO RECEIVE TERRA-SORB SUPER ABSORBENT POLYMER OR APPROVED EQUAL BY LANDSCAPE ARCHITECT. FOLLOW MANUFACTURER'S SPECIFICATIONS

MAINTENANCE NOTES

- THE CLEAR ZONE SHALL BE MAINTAINED AT ALL INTERSECTIONS THAT INGRESS AND EGRESS TO THE THE CLEAR CONSTRUCES AND SEALURY AND ALL INTERSECTIONS THAT MATERIAL AT A HEIGHT OF NOT OVER THIRTY (30) INCHES ABOVE PAVENT AND PROVIDE UNDBSTRUCTED SIGHT DISTANCE FOR DRIVERS IN VEHICLES APPROACHING THE INTERSECTION.
- 2 VERTICAL CLEARANCE OF AT LEAST EIGHTY (80) INCHES MUST BE PROVIDED ABOVE WALKS AT ALL TIMES. IT IS THE OWNERS RESPONSIBILITY TO MAINTAIN TREES AND OTHER OVERHANGING OBJECTS TO PROVIDE ADEQUATE HEADROOM TO COMPLY WITH ADA GUIDELINES

ALL TREES ON ADJACENT PROPERTIES MUST BE PROTECTED. THE TREE PROTECTIVE FENCING MAY BE PLACED ALONG THE ACTUAL PROPERTY LINE IF THE BRANCHES OF THE TREES ON THE ADJACENT PROPERTIES DO NOT OVERHANG ONTO THE SITE BEING DEVELOPED. IF THE BRANCHES OVERHANG PROPERTIES DO NOT OVERHANG ONTO THE SITE BEING DEVELOPED. IF THE BRANCHES OVERHANG ONTO THE AREA OF THE SITE BEING DEVELOPED THE TIKEE PROTECTIVE FENCING MUST BE PLACED AT THE ACTUAL DRIP LINE OF THESE TREES. IT SHOULD ALSO BE NOTED THAT THE SILT FENCING MUST BE PLACED ON THE DEVELOPMENT SIDE OF THE TREE PROTECTIVE FENCING, THE SILT FENCING MAY NOT BE PLACED DETWEEN THE TREE BEING PRESERVED AND THE TREE PROTECTIVE FENCING, IF ANY REGULATED TREES ARE DAMAGED ON THE ADJACED THE PROPERTIES THE DAMAGED ON THE DAMAGED ON THE ADJACED THE THE DAMAGED ON THE SUM SETTING THE DAMAGED ON THE OWNERS PROPERTY ON AN INCH FOR INCH BASIS OR A FINE IN THE SUM STANDARD ON JUSTIM AND WILL BE ISSUED AGAINST THE DEVELOPMENT THIS ISSUE WILL BE BEING PROPERTY ON AN INCH FOR INCH BASIS OR A FINE IN THE SUM STANDARD ON JUSTIM AND WILL BE ISSUED AGAINST THE DEVELOPMENT THIS ISSUE WILL BE THE BRIDG. \$122,00 PER CALIPER INCH WILL BE ISSUED AGAINST THE DEVELOPMENT. THIS FINE WILL BE DUE PRIOR THE BUILDING PERMITS BEING ISSUED. IF YOU HAVE ANY QUESTIONS OR NEED ADDITIONAL INFORMATION CALL THE CITY'S PLANNING DEPARTMENT



EACH TREE TO RECEIVE TERRA-SORE SUPERABSORBANT POLYMER, WX IN BACKPILL PER MANUFACTURER'S SPECIFICATIONS.

- CONTRACTOR TO VERIFY PERCOLATION
 OF PLANT PIT PRIOR TO INSTALLATION
- STAKE TREES UNDER + CALIFER
 TREE BALL SHALL BEAR SAME
 RELATIONSHIP TO THISH GRADE AS IT
 BORE ORIGINALLY PRUNE TO THIN AND SHAPE CANOPY
 USE ONLY ONE STAKE FOR TREES UNDER
 4' HT.
- SET STAKES VERTICALLY AND EVENLY ... STAKE TREES JUST BELOW FREST BRUNCH WITH 2"-3" WIDE BELT LIKE MYLON OR PLASTIC STRAPS (COMMECT FROM TREE TO STAKE OPPOSITE FROM EACH OTHER,
- TREE WRAP FROM TOP DOWN. REMOVE AFTER FIRST WINTER. - REMOVE BURIAP AND TWINE FROM TOP 1/3 OF RAIL

DECIDUOUS TREE PLANTING DETAIL

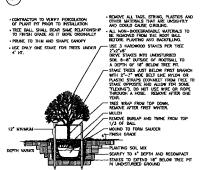
WHI I

 EACH TREE TO RECEIVE TERRA—SORE SUPERABSORBANT POLYMER, MOX IN BACKFILL PER MANUFACTURER'S SPECIFICATIONS. CONTRACTOR TO VERIFY PERCOLATION OF PLANT PIT PRIOR TO INSTALLATION

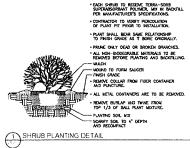
* TREE SHALL BEAR SAME RELATIONSHIP TO FINISH GRADE AS IT BORE ORIGINALLY PRUME ONLY TO REMOVE DAMAGED OR BROKEN BRANCHES

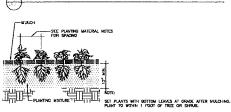
OR BROWN BRANCHES WITHOUS TO BE REMOTED FROM ROTS BALL BUTNER. PLANTING AND BECOTILING TO BE REMOTED FROM ROTS BALLON WITH 2" ST MORE BELL USE WITHOUT BY PLASTIC STAWS (COMMENT FROM THEE TO STAKE OPPOSITE FROM LICH OTHER AND ALLON FIRS NOW TELEPISM OF THE PLANTING STAWS (COMMENT FROM THEE TO STAKE OPPOSITE FROM LICH OTHER AND ALLON FIRS NOW TELEPISM). DO NOT UNKNOWN OF THE PLANTING WITHOUT BY MATTER HEST WANTER.

EVERGREEN TREE PLANTING DETAIL



ORNAMENTAL TREE PLANTING DETAIL





ANNUAL, PERENNIAL, GROUND COVER PLANTING DETAIL

LANDSCAPE PLANTING DETAILS & NOTES



EAST PUD RANGE PROJECT:
CRESTWYK ESTATES F
SECTION 24 TOWN 3 NORTH, R
CITY OF ROCHESTER HILLS
CITY FILE # 17-013

M2J1, LLC

JIM POLYZOIS 14955 TECHNOLOGY DRIVE SHELBY TOWNSHIP. MI Phone: 585.421.5729

PRELIM DESIGN 04/25/20 Date: 04/21/2017

249 Park Street Froy, Michigan 48083 P: 248, 224,5933 nunezdesigninc@gmail.cor Designed / Drawn RN

Checked / Approved JN/RN

Job # N01-20

SCALE: 1"=40'-0"

CITY FILE: #17-013

TREE SURVEY BY ATWELL, LLC.
TREE CONDITIONS VERIFIED BY MIKE'S TREE SURGEONS ON JUNE 9, 2017.

THIS PARCEL IS EXEMPT FROM THE CITY TREE PROTECTION ORDINANCE.

SEE T-1.1 FOR TREE ANALYSIS. PRESERVED TREES INDICATED ON LA 1.0

NÚÑEZ DESIGN



PROJECT:
CRESTWYK ESTATES PUD
SECTION 24 TOWN 3 NORTH, RANGE 11 EAST
CITY OF ROCHESTER HILLS
CITY FILE # 17-013

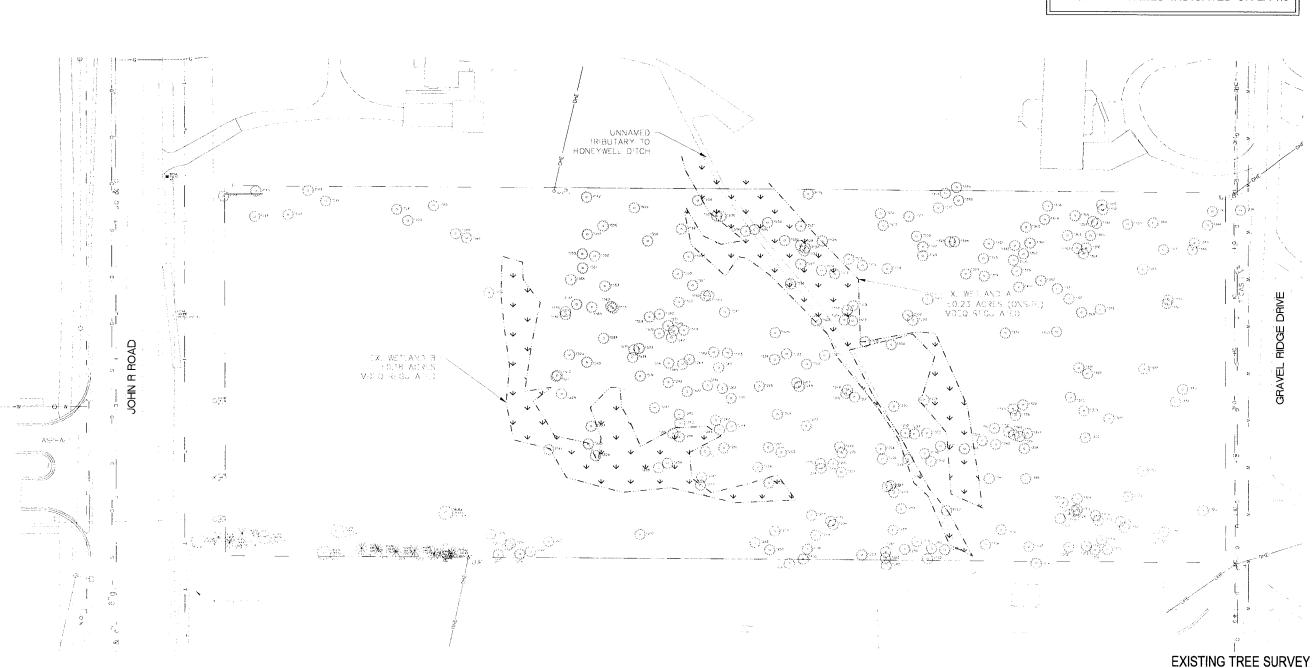
CLIENT: M2J1, LLC

JIM POLYZOIS 14955 TECHNOLOGY DRIVE SHELBY TOWNSHIP. MI

Phone: 585,421,5729

SCALE: 1"=30'-0"

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THIS PARCEL IS EXEMPT FROM THE CITY TREE PROTECTION ORDINANCE.

建筑器建筑	Chief William	True Survey	Baselia for the Usy of Roc	hedo Mile O	representative presenta	Debagon, Atmes	Project 823080274 John V. Road	Sound/Remove
	Species	Botsolal Name	Communa Marine	Calm (m)	Landoner's To		Approximately 30 ft Tail	
1353	PPU .	Acts jurgens	Bue Sprace	- 10	No.	Gond .	Approximately 30 ft Tall Approximately 30 ft Tall	Saved
1203	OUAL	Actal purgers German selta	Blue Sprace White Cor	110	No	Soud	Approximately SURTING	Saved
1254 1265	. COME	Quercus alba	, White Car Where Cas.	19.5	. No	Good	•	. Saves
1205	auu.	Chercus rebra	Minter Cust.	21.5	No No	Good	• · · · · · · · · · · · · · · · · ·	Sawes
1206	NA.	Acres mas	Noneau Spruce	116	No.			Served
1206	748	Post ales	Norway Spruce	100	- No	Poor	· · · · · · · · · · · · · · · · · · ·	Street
1206	- PAS	Pices abies Pices abies	Norway Sprace	15.5	NO NO	. Far	•	Sires
1210	PAS .	Pers toes	Roman Sprace	- 14.0	. No	· far		Saved
1211	. PAS	Pices sties	Normaly Sprace	. 10	. %	Far	• • • • • • • • • • • • • • • • • • • •	Sived
1211	PUS	Pices sties Pices sties	Horway Spruce		No.	far		Since
1712	. PAR .	Pictor stores Pictor stores	Norway Service	7.5	, No.	far.	• • • • • • • • • • • • • • • • • • • •	Saves
	PAN			• (13		Good	•	Stred
1214		Operate natire	Bed Out. White Out		No.	Good	y	Some
1713	OLIN.	Overcus sibir		21.5	. No	Face	 	Saved
1216	ON	Quertus retucho	Back Cut	21.5	No.	fan		Saved
1217	OWE	Oursid with Circle	Back Oak	7.0	No No	Good		hwee -
1218	, ACR.	Acer platamoides	Corway Maple	. 70		Good		Removed
1219	AON)	Aut nents	Red Marks		No.	Good		Removed
מנו	ACRU TAAA	Acer rubrum 1%g emericana	Red Vispie Basswood	# 5 ;7.0	kin Ka	Far	•	Removed
1225				- 113	, Ac	Good	•	Removes
1776	TAM	Quercus sibs Tito severcusus	White Ope Barrenood	115	No No	Good .	27	Removed
1222	CUE	Overrus brostor		93	. No	(melers	* *!.	Fernoved
			Southern White Clair Brancister	10	No No	Good		Removed
1213	CAG	Acer negatido		. 15.5	. No	Good	-	Removed
		Caryo piatro	Pignat Hotory Shaptart Hotory	- 153	No.	Good		Removed
1236	CLOV	Caryo awate	Stapton Hotory		No.	Good	• • • • • • • • • • • • • • • • • • • •	Removed
1239	. CAOY	Carye pecso	Shaptari Hictory	- 70	No.	Geed	•	Removed
1240	LACK!	Carya overto	Shaptark Hickory Red Mante	10.5	No.	Good		Aemoved
1241	ACRU	Acer rubnus	Red Maple Red Maple	10.5	No No	Good		Removed
1242			Shapters Hoton	. 40	No .	Good	•	Removed
1243	PRSE	Caryo ouste	Stage of Hickory	105	No	Good		Removed
1245	. MS	Propose servicino	Shaghart Hotory	15.5	No No	Good	• • • • • • • • • • • • • • • • • • • •	Renoved
1245	PESE	Caryo awats	Shagbart Hotory Black Overry	160	No.	Good	•	Senored
1246	ACRU .	Primus serptina Acter rubrum	Red Maple	8.5	- No	Good		Removed
1247	CAOY		Shagbark Hickory	120		Good	•	Removed
1245	CADY	Carya evata Carya evata	Shapters Hickory Shapters Hickory	4.5	No No	Good		Removed
1250	. CADY	Caryo overs Ulmus emericano	Appending	123	. No	Good	•	Removed
1250	· num	(Amus omericans (No emericans	American con Bassecod	- 170	No No	- Good	•	Removed
	CAOV .		Shagbert Hickory	110	. No	Good	•	Removed
1252	OLOV	Corpo ovata	Ped Maple	115	- No	Good	**	Removed
1253	CAG.	Acer rubruts Carnet statem		11.5		Good		Saved
1255	ACRU .	Caryo globro Acor nubrum	Pignut Hickory Red Macke	AD		Good		Removed
1256	ACRU	Acer rubnum	Red Maple		No.	Good	•	Removed
1257	ACRU ACRU	Acer rubrum	Red Made	343	No.	Good		Removed
1256	· ·	Ulmus processed	Americas Dim	12.5	No	far.		Removed
1259	CAOY	Carpa overs	Sugart Helery	110	No.	Good	• · · · · · · · · · · · · · · · · · · ·	Removed
1260	- wov	Carye ovota	Sheghert Hickory	10.5	163	Good		Removed
1241	CADY	Corys overs	Shapturk Hotory	100	No.	Goc4		Removed
1262	· ·	Umus pmersons	American Dar	- 75	No.	Good		Restroyed
1263	PHSE	Prunus serotma	Back Cherry	11.0	No	Pocr	free Learning	Memoved
1764	CHON	Carye ovote	Shagbark Hickory	140	No	Good	21	Removed
1265	· suc	Samples attacker	Sassafras	140	No	Good		Removed
1266	. ACRU	Acer retries	Act Maple	10.0	No	Good		Removed
1267	CACY	Caryo overso	Shapburk Hickory	10.5	No	Good	21	Removed
1268	PISE	Princip sercond	Stack Cherry	10.0	No	G004		Removed
1269	ACRU	Aper rederiors	Red Maple	9.5	No	Good	n	Removed
1270	POCE	Populus detaudes	Cottonwood	40.0	No	Gcod		Nemoved.
1271	POX	Populus deltaides	Cottonwood	40.0	No	Poor		Rémoved
1272	CADY	Caryer owners	Stuppert Hickory	100	No	Good		Removed
1273	CAON	Carya overs	Shapbara Hickory	10.5	No	Good		Removed
1274	CAON	Carryes overtal	Shagbark Hickory	6.5	No	Good		Removed
1275	CADY	Caryo awata	Shagbart Hickory	11.0	No	Far		Pernoved
1276	CAOY	Caryo avente	Shapbark Hickory	7.0	No	Good		Removed
บท	CADY	Carya ovata	Shapert Hickory	9.5	Ma	Good		Removed
1278	CLOY	Caryo overs	Shapert Hotory	13.0	No	Good	• ·	Removed
1779	ACSAN	Acer secularmen	Silver Mapre	12.5	No	Good		Removed
1280	TIANA	Під влегота	Basswood	£.5	No.	Good		Smed
1281	" ULAM	(Amus processo	American Dat	. 63	No	Poor	Tree Learning	Removed
1262	CAGA	Caryo plooro	Papet Hotory	10	No	Good		Saves
1263	CAON	Caryo oveca	Shapbark Hickory	1.0	No	Good		Sarred
1264	MON	Monus albe	White Mulberry	8.0	No	far		Removed
1285	CAOV	Carya ovoto	Shagbart Hickory	75	, No	Good	·	Saved
1796	WAW	Charge constructions	American Evo	17.0	No	Dead		Saved
1284	ACM	Acer requests	Banetaer	70	No	Sar		Removed
1289	cva	Carya globro	Please Hickory	7.5	No	Good		Saved
1290	CE.MI	Cueron site	White Oak	9.5	Ma	Far		Saves
1291	CADY	Caryo overin	Shagbart Hotory	6.5	No	Far		Removed
1292	ACM	Acer saccharmen	Silver Maprie	35.5	Mo	far		Removed
129)	CAGE	Carya glabra	Pyrus Hotory	8.0	No	Good		Fernoved
1294	CVOV	Coryo avaza	Shapbart Hickory	8.0	No	Good		Removed
1295	CACY	Carya avata	Shagbark Hickory	9.0	No	Good		Removed
1296	CAON	Carper awares	Shaphart Hickory	13 5	Rico	Excellent		Removed
1297	CAON	Carya ovata	Shagbart Hickory	4.5	No	Good		Aemoved
1.254	CACY	Carpet meeter	Shagbara Hickory	12.5	₩2	Good		Removed
1299	CAON	Carys overes	Sagart Hotory	7.5	No.	Far	•	Street
1300	CAO	Caryo puote	Purpur Hickory	6.5	No	Good	• • • • • • • • • • • • • • • • • • • •	Removed
1301	· cior	Caryo ovetta	Shegtert Hotors	11.0	. No	fac	•	Aemoved
1302	. 000	Corpo condiformis	Baland Holon	6.5	Ku Nu	East		Removed
1303	NOW)	Arrodres	feet blacks	70	No.	Fer	Inner Bark Decay	Removed
1304	ACRU	Acer natives	Red Maple	160		Good		Removed
1306	ALSO BIST	Province Street	White Pro	78.0	No.	Poor	• • • • • • • • • • • • • • • • • • • •	Removed
1307	UAN.	Ulma omercura	American Der	10.0	Ko -	Poor		Personal
1309	PESE	Annual sections	Back Cherry	15.0	. No	Far	Tree Leaning	Smed
1309	PRSE	Promis seroted	Bias Cent	75	No	far	Armer Bar's Decay	Removed
				was marked to be			· the contract and the first contract of the c	

1311	QURU	Quertus rubro	Red Oak	90	, ho	Good		Removed
1312	CADY .	Carya ovata Prunus serptina	Shagbark Hickory Maci Cheny	93	No	Good		Removed
1314	PRSE	Prunul serotina	Mack Cherry	145	No .	422		Removed
1315	FRSE	Promo servicino	Black Cherry	6.5	No	2001	tryer Bark Decay	Removed
1316	Onush	Quercus rubro	Red Claik	14.5	. <u>N</u> o.	Fath		Removed
1317	OUVE	Querton velutina	Stade Cale	23.0	No	Good		Removed
1318	CACN	Printes servicina Carnes ovato	Sharbark Inchory	13.5	No.	Good		Removed Removed
1379	PRSE	Profesional	Stupes income	15.0	, no	Farr		Removed
1321	DUVE	Querous relutina	Stack Oak	31.0	. 160	Good		Removed
1372	PRSE	Prints serous	Black Cherry	130	No	Good		Removed
1323	CUL	Ouertus aba	White Oak	12.5	No.	Good		Removed
1374	OL:U	Questus nièra	Red Oak	13.0	No	190		Removed
1325	PST PST	Provi stratus Provi stratus	White Pine White Fine	19.0 28.0	No No	Good	27 boor box Door	Removed
1377	QUAU	Querrie risons	Red Oak	23.5	. No	Poor	Inner Bark Decay	Removed
1328	PASE	Prunus serotino	Start Cherry	12 0	No	Good		Removed
1329	QU≈U	Overas now	Red Onl	100	No	Good		Removed
1330	QUPU	Quertus rubra	Red Oal	20	No .	Good		Removed
1331	ACRU	Acer rubrum	Red Napie	100	, Ma	Good	<u>31</u>	Ferroved
1332	QURU	Querrus rubro	Red Oak Red Oak	13.C 11.C	۰. ۸۰	Good	27	Removed Removed
1334	OURU	Ouertes rubra	Red Oak	9.0	No No	Good		Asmoved
1335	OUR	Querous nubra	Red Clak	15.5	. No	Fee		Removed
1336	ดาษก	Querna rubra	Ped Dak	170	No	Good	and the second section of the section of the second section of the second section of the section of the second section of the sectio	Removed
1337	QUAU	Quertus nubra	Fed Oak	11.0	No	Good	2 Trunks (ZT)	Removed
1333	PRSE	Prunus seratina	Black Cherry	70	ho	Good		Saved
1340	751	Prices americano Prices sylvestre	American Etm Scotch Pune	14.5	No.	. Good _	Inner Bark Decay	Removed
1345	QUNU	Querrus rubra	Red Cul	9.5	ho	Good		Removed
1346	QUAL	Quercus rudro	Red Oak	110	*0	Good		Removed
1347	ACRU	Acer rubrum	Red Maple	110	No	God	3 Trunks (31)	Removed
1348	QUALI	Querros netro	Red Oak	15.0	No	fac		Removed
1349	QURU PSSF	Overous nubra	Red Oak Stack Overny	9.0	No	Satr Good		Removed Removed
1350	PRSE	Prunus serotino Prunus serotino	Black Cherry Black Cherry	9.0		Good		Removed
1353	PRSE	Pronus sections	Black Cherry	80	- No	Good		Removed
1354	QUVE	Quercus refutina	Nack Oak	11.0	No	Fair	Tree learing	Removed
1355	PRSE	Phynus serotina	Black Cherry	7.5	No	Dead	hyner Bark Decay	Removed
1356	PRSE	Prynkis serozino	Black Cherry	10.5	No	Dexid	Evidence of decay	Removed
1358	FRSE	Provid serotina	Black Cherry	8.5	No	Good		Removed
1359	ACRU	Quertia nore	Red Maple Red Oak	9 S 16 S	No No	Good		Removed
1361	QUAV	Querrus rubro	Red Oak	10.5		Dead	Evidence of decay	Removed
1362	QU'AT	Quercus velutino	Black Oak	13.0	No.	Faur		Removed
1363	PRSE	Prunus seratina	Mack Cherry	100	No	Good		Removed
1364	OC#U	Queron rubra	Red Oak	34.0	No	Good		Removed
1365	PRSE	Prunus scrotino	Black Che-Ty	9.5	No	Exie	Inner Back Decay, Tree Learning	Removed
1366	ACRU PRSE	Acer rubrum Prunus seroteno	Red Mapre Black Cherry	60	No No	Good		Removed Removed
1368	OUGU	Queros noro	Sed Oak	39.5	No.	Good		Removed
1369	QUVI	Quercus relatino	Black Oak	25.0	No	Excelent		Removed
1370	CAOY	(arya exata	Shapbart Hictory	100	No	Good	~	Removed
1371	QUAU	Quercus rubra	Red Oak	21.5	No	Good		Removed
1372	POTR	Populus tremulanties	Ousking Aspen	10.5	No.	Good		Removed
1374	ACRU	Acernonen Acernonen	Red Maple Red Maple	10.5	tvo No	Good		Removed Removed
1376	ACRU	Acer rubrura	Red Wapie	130	No	Excelera		Removed
1377	PODE	Populus descondes	Castonwood	140	No	Good	and the second s	Removed
1378	ACRIU	Acer rubrum	Red Maple	10.0	No	Good		Removed
1379	ACRU	Acer rubrum	Ped Maple	13.5	No	Good		Removed
1380	POCE	Populus deltaides	Conservated	19.0	No	f per Fact		Removed
1381	3004 URDA	Populus deltoides Acer rubrum	Contonwood Red Maple	13.5	No No	Good		Removed
1383	ACRU	Acertabrum	Red Maple	90	No.	. fair		Removed
1354	ACRIJ	Acertation	Red Maple	10.5	No	Good	2T	Removed
1385	· ww	Userus americana	American (Im	10.5	No	Far		Removed
1386	ACRU	Ace rubrum	Red Maple	120	No	Good		Removed
1387	PRSE	Prunus serotino	Slack Cherry	18.5	No	Good		Removed
1383	PRSE	Prunted serrotana Objectors nubra	Black Cherry Red Dak	14.0	No.	Good Fair		Removed
1390	CAC	Corne grades	Present Hickory	70	•	Gcod		Removed
1391	C)USQU	Querous rubro	Red Oak	190	No	far		Removed
1392	PRSE	frama serotina	Black Cherry	18.5	No	Fate		Removed
1393	PRSE	Privited servicions	Nach Overry	8.0	No	Good		Removed
1394	PRSE	Prunus serotoro	Stack Cherry Stack Calc	13.5	No	Fac		Removed
1395		Quertis velutina	Sixt Oak Sixt Oak	13.5	No		Inner Bark Decay	Removed
1398						fair		
	PRSE		Black Cherry	15.3		Good		Removed
1359	PRSE	Prunus seratina Azerrubnum	Black Cherry Red Maple	15.5 19.5	No No	Good Good	S Trunks (ST)	Removed
1359	PRSE ACRU CAGL	Prunus seratina Azer tubrum Canya glabra	Black Cherry Red Maple Pignut Hickory	15.5 19.5 7.5	No No	Good Good Good		Removed Removed
1359 1400 1501	ACRU CAGL QURU	Prunus seretina Azer rubrum Canya glabra Questus rubna	Black Cherry Red Mapic Parket History Red Oak	15.5 19.5 7.5 9.0	No No No	Good Good Good Good		Removed Removed Removed
1359 1400 1501 1502	PRSE ACRU CAGL QURU CAOV	Princip seratina Azer rubnum Canja glabra Questun rubna Canja awata	Black Cherry Red Maple Pignut Hickory Red Oak Shagbark Hickory	15.5 19.5 7.5 9.0 10.0	No No No No	Good Good Good Good Good		Removed Removed Removed Removed
1359 1400 1501 1502 1503	PRSE ACRU CAGL QURU CAOV QURI	Prurus seratina Azer rubrum Carpo gladeo Questus rubra Carpo avata Questus bicolor	Black Cherry Red Maple Pignut Hickory Red Oak Shagbark Hickory Swerry White Oak	15.5 19.5 7.5 9.0 10.0 16.0	No No No No No	Good Good Good Good Good Fair	5 Trunks (5T)	Removed Removed Removed Removed Removed
1359 1400 1501 1502	PRSE ACRU CAGL QURU CAOV	Princip seratina Azer rubnum Canja glabra Questun rubna Canja awata	Black Cherry Red Maple Pyrut Hickory Red Oak Shapbark Hickory Swemp White Oak Red Mape	15.5 19.5 7.5 9.0 10.0 16.0	No No No No No No	Good Good Good Good Good	5 Trunks (5T) 27 Fused from Westurgment	Removed Removed Removed Removed Removed Removed
1359 1400 1501 1502 1503 1504 1505 1506	PRSE ACRU CAGL QURU CAOV QUR ACRU ACRU ACRU	Princis seratria Azer rutarum Carpo glatino Guertari rutarum Carpo avasta Guertas bicalori Acer rutarum Acer rutarum Acer rutarum Acer rutarum	Black Cherry Red Maple Paper Hickory Red Old Shaphark Hickory Swerro White Old Red Mapre Red Mapre Red Mapre Red Mapre	153 19.5 75 9.0 10.0 16.0 32.5 43.0 10.0	No N	Good Good Good Good Good Fate Good Good Good	5 Trusks (ST) 21 Fued from Measurement Fued Trush Measurement 21	Removed Removed Removed Removed Removed Removed Removed Saved
1359 1400 1501 1502 1503 1504 1505 1506 1507	PRSE ACRU CAGL QURU CAOV QURI ACRU ACRU ACRU PRSE	Phone serotra Axer notives Carpo state Question notice Carpo seeps Question bealor Acer notives	Black Cherry Sed Mapic Pegnut Hickory Red Oak Shapbark Hickory Swirth White Oak Red Mapie Red Mapie Red Mapie Black Cherry Black Cherry	15.5 19.5 7.5 9.0 10.0 16.0 32.5 43.0 10.0 9.5	No N	Good Good Good Good Good Fair Good Good Good Fair	5 Trusis (ST) II Fused Front Measurement Fused Trust Measurement If Fore that Decay	Removed Removed Removed Removed Removed Removed Removed Removed Removed Saved Removed
1399 1400 1501 1502 1503 1504 1505 1506 1507 1508	PRSC ACRU CAGE GURU CAOV GURI ACRU ACRU ACRU PRSE TUAN	Princis serotria Azer rubrum Carjo glotre Questus rubra Carjo overa Ouertus biodor Azer rubrum Azer rubrum Azer rubrum Princis serotra Tilia amenicara	Black Cherry Red Mayir Peru History Red Oak Shagbark Kickory Swerro White Oak Red Mayre Red Mayre Red Marie Red Marie Black Cherry Basserood	15.5 19.5 7.5 9.0 10.0 16.0 32.5 43.0 10.0 9.5 8.5	No N	Good Good Good Good Good Fair Good Good Good Good Fair Good	5 Trusks (ST) 21 Fued from Measurement Fued Trush Measurement 21	Removed Removed Removed Removed Removed Removed Removed Saved Removed Saved Removed
1399 1400 1501 1502 1503 1504 1505 1506 1507 1508 1509	PRSC ACRU CAGL OURU CAOV OURI ACRU ACRU ACRU PRSE TUALI CAOV	Princis sercoria Alter honori Carjo gistore Questus notice Carjo avota Coestus holicio Acti noticio Tici a menicaria Carjo avota Carjo avota	Black Cherry Red Mayir Peru Hetory Red Oak Shapbart McCorry Sharpa White Oak Red Mayir	15.5 19.5 7.5 9.0 10.0 16.0 32.5 43.0 10.0 9.5 8.5	No N	Good Good Good Good Good Good Fair Good Good Good Good Good Good Good Goo	5 Trusis (ST) II Fused Front Measurement Fused Trust Measurement If Fore that Decay	Removed Removed Removed Removed Removed Removed Removed Saved Removed Removed Removed Removed Removed Removed Removed Removed Removed
1399 1400 1501 1502 1503 1504 1505 1506 1507 1508 1509	PRSC ACRU CAGL QURRU QURRU QUPR ACRU ACRU ACRU ACRU FISSE TUAN CAGY ACRU	Provisi serotina Ase rubinom Carjo glatina Questin rubina Carjo overa Questin shoolor Ace rubina	Black Cherry Red Majer Pignut Niction Red Guld Swappat Niction Red Guld Swappat Niction Swappat Niction Red Major Red Major Red Major Black Cherry Bassinord Swappat Niction Red Major	15.5 19.5 7.5 9.0 10.0 16.0 32.5 43.0 10.0 9.5 8.5	No N	Good Good Good Good Good Fair Good Good Good Good Fair Good	5 Trusis (ST) II Fused Front Measurement Fused Trust Measurement If Fore that Decay	Removed Removed Removed Removed Removed Removed Removed Saved Removed Saved Removed
1399 1400 1501 1501 1503 1504 1505 1506 1507 1508 1509 1510	PRSC ACRU CAGL OURU CAOV OURI ACRU ACRU ACRU PRSE TUALI CAOV	Privilla seriorna Aler richnum Carjo glabbro Questus richnum Carjo avota Questus secion Aler richnum Aler richnum Aler richnum Aler richnum Aler richnum Carjo avota Carjo avota Aler richnum	Black Cherry Red Mayir Peru Hetory Red Oak Shapbart McCorry Sharpa White Oak Red Mayir	15.5 19.5 7.5 9.0 10.0 16.0 32.5 43.0 10.0 9.5 8.5 6.0	No N	Good Good Good Good Good Good Falt Good Good Good Good Good Good Good Goo	5 Trusis (ST) II Fused Front Measurement Fused Trust Measurement If Fore that Decay	Removed Removed Removed Removed Removed Removed Removed Sixed Removed
1399 1400 1501 1501 1503 1504 1505 1505 1506 1508 1509 1510 1511	PRSE ACRU CAGN CAGN CAGN GUS ACRU ACRU ACRU ACRU ACRU ACRU ACRU ACRU	Princip sercoria Carjo glabro Questian nueva Caryo glabro Questian nueva Caryo avesta Questian sercoria Acter nubrum Acter nubrum Acter nubrum Princip sercoria Caryo avesta Acter nubrum A	Black Oberry Red Mayie Peprot Hetery Red Oak Doughast Ection Seemy White Oak Red Maye Black Oberry Basswood Shaghail Hetery Red Maye Red Oak Red Oak	15.5 19.5 7.5 9.0 10.0 16.0 12.5 43.0 10.0 9.5 8.5 6.0 5.5 12.5 12.5 13.5 14.0 15.0 16.0	No N	Good Good Good Good Good Good Good Good	5 Trusis (ST) II Fused Front Measurement Fused Trust Measurement If Fore that Decay	Removed Removed Removed Removed Removed Removed Removed Removed Saved Removed
1399 1400 1501 1501 1503 1504 1505 1506 1507 1508 1509 1509 1510 1511	PRSE ACRU CAGU CAGU CAGU CAGU CAGU ACRU ACRU ACRU PRSE TUAN CAGU ACRU ACRU ACRU FISSE	Promy serotro Are ruburn Carp glatter Questin ruber Cary guesta Guestin ruber Cary guesta Guestin shoole Are ruburn Tela amentoria Cary guesta Are ruburn	Black Oberry Red Magne Peprovidetory Red Oal Shughast Nation Severa White Oal Red Wage Red Wage Red Wage Red Wage Black Cherry Basswood Shughast Nation Red Magne	15.5 19.5 7.5 9.0 10.0 16.0 92.5 43.0 10.0 9.5 8.5 6.0 5.5	No N	Good Good Good Good Good Falt Good Good Good Good Good Good Good Goo	5 Trusis (ST) II Fused Front Measurement Fused Trust Measurement If Fore that Decay	Removed

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TREE SURVEY BY ATWELL, LLC.
TREE CONDITIONS VERIFIED BY MIKE'S
TREE SURGEONS ON JUNE 9, 2017.

SEE T-1.0 FOR TREE SURVEY.
PRESERVED TREES INDICATED ON LA 1.0

1516 1517 1518	ACRU		Red Macle			Good		545
1518	ACRU	Acer rubrum Acer rubrum	Red Maple	17.5 7.0	No No	Good		Sin
	ACRU	Acernorum	Red Maple	190	Ho	Good		Sav
1519	ACHU	Acernonim	Red Maple	32 C	No	Fas	Inner Bark Decay	524
1520	ACRU	Actr rubrum	Red Maple	190	No	Good	Fused Trunk Measurement	Sh
1521	CYON	Corps avete Acer substant	Shagbark Hickory Red Maple	11.5	No.	Good Poor		Rem
1523	ACRU	Acter rubrum	Red Maple	11.0	No.	Good		Remi
1524	SAM	Sassofres education	Sacrafrae	19.5	No	Good		Rem
1525	OUSI	Overrus orba	white out	16.5	Ho	Good		Semi
1526	0.084	Quertia bicolor	Swamp White Oak	11.0	No	Good	Fused Trunk Measurement	Sac
1527	ACSAN	Acer socchannon	Sever Maple	15.0	No	Good	27	Sav
1578	ACRU	Acer rubrum	Red Maple	21.0	Ha	Poor	Ireser Bark Decay	Sav
1529	ACSAN	Acer southernum	Silver Maple	9.5	H ₂	Good	21	Sav
1530	ACSAN	Are sauthorinum	Silver Maple	13.0	. No	Good		Sa.
1531		Actr socthoroun	Silver Maple	18.0	No	Good		Szv
1532	ACSAN	Acer soccharinum Quercus bicolor	Silver Ataple Swamp White Oak	9.0	No No	Good Good		Sav Sav
151	ACRII	Acer rubrum	Red Marie	75	Ho	500		Sary
1535	ACSAN	Acer southerman	Silver Maple	27.5	No	Good		Sav
1536	ACRU	Acer rubrum	Red Maple	7.6	Ho .	Good		5an
1537	QUE:	Quentus becolor	Swamp White Oak	9.0	₩o.	Good		Sze
1538	ACRII	Acer rubrum	Red Maple	12.5	c/i	Good		Sav
1539	QUAU	Quertus rubro	Red Oak	19.0	Ho	Good		Rem
1540	ACKU	Acer rubrum	Red Maple	10.5	No.	Good	n	Rem
1541	CADA	Caryo oveta	Shagbark Hickory	14.5	No	Good	21	Rem
1542	CONTU	Queras rubro	Red Oak Red Oak	19.0	Ho Ho	Good	27	Rem
1544	ACRU	Quertus nitro Acer nitrum	Red Manle	110	No No	Good	21	Rem
1545	ACRU	Acer rubrum	Red Maple	140	No	Good		Rem
1546	ADRU .	Acer nubrura	Red Masie	12.0	Ho	Good		Reme
1547	ONAN	Quertus rubra	Red Oak	14.0	Ho	Good		Kem
1548	ACRU	Acer rubrum	Red Maple	60	Na	Good	21	Rest-
1549	FRSE	Prunus serotina	Black Cherry	31.0	No	Good		Rem
1550	SALL	Sassafras arbidum	Sassafras	15.5	No	Good		Rem
1551	ACRU	Acer rubrum	Red Maple	170	Na	Good .		Rem
1552	ACRU	Acer rubrum	Red Maple	8.5	Ho	Good		Rem
1553	ACXU	Acer nabrum	Red Maple	23.0	No.	Good	4 Trunks (4T), Fused Trunk Measument	Rem
1554 1555	ACPU	Acer rubrum Limus americana	Red Maple American Em	8.5 12.5	No	. Good .		Rem
1556	PRSE	Provid servicino	Black Cherry	23.0	No.	Good		Rem
1557	ACRU	Acer nubrum	Red Maple	19.0	No	. Good .	21	Sem
1560	QUVE	Quercus velutina	Black Dalk	31 0	No.	Good		Rem
1561	QLME	Querrus velutina	Black Oak	20.0	No	Good	Tree leaning	Pem
1562	SUL	Sassafras a/actum	Sassafras	6.5	Ho	Good		Rem
1563	ACRU	Acer rubrum	Red Maple	7.5	No	Good		Rem
1564	PRSE	Prunus serceina	Black Cherry	10.0	No	Good		Rem
1565	PRSE	Prunus serotana	Black Cherry	15	Ho	Fair	Tree Leaning	Rem
1566	PRSF	Prunus serocino	Black Cherry	13.0	Ho	Fair		Rem
1567	ACRU	Acernonem	Red Maple Red Maple	10.0		Good		Perm
1570	ACRU	Acer rubrum Acer rubrum	Red Maple	13.0	No No	Good	2T; inner Bark Decay 21	Rem
1571	ACPU	Acer rubrum	Red Maple	90	No No	Good		Rem
1572	ACRU	Acer nanum	Red Maple	9.5	No	Good	21	Rem
1573	ACRU	Acernibrum	Red Maple	9.0	No	Good		Rem
1574	ACRU	Acer nubrum	Red Maple	12.0	No	Good		Rem
1575	ACRU	Acer rubrum	Red Maple	25.5	No	Good		Rem
1576	ACRU	Acer rubrum	Red Maple	9.0	Mo	Good		Rem
1577	ACRU	Acer rubrum	Red Maple	9.0	No	Fair	Inner Bark Decay	Rem
1578	ACPU	Acer niònim	Red Maple	11.5	No	Good	27	Rem
1579	CAOV	Corya avata	Shagbark Hickory	12.5	No	Good		Rem
1580 1581	ACRU	Acer rubrum	Red Maple	110	No	Excellent		Bern
1582	TIAM	Ulmus americana	American 8m	12.0	No No	Good		Rem
1583	PRSE	Tilia americana Prunus serotina	Black Cherry	16.0	Ho Ho	Good	31	Rem
1584	ACRU	Acer rubrum	Red Maple	7.5	. No	Good		Rem
1585	ACSUY	Arer southornum	Silver Magle	28.0	No.	Good		Fem
1587	ACRU	Acer rubrum	Red Maple	300	No	Good	•	Rem
1588	ACPU	Acer rubrum	Red Maple	24.0	No	Fac	Inner Bark Decay	Rem
1509	TLEAT	Tilio omere ano	Basswood	10.5	No	Good		Rem
1590	URDA	Acer rubrum	Red Maske	19.5	No	Far		Rem
1591	ACPU	Acer rubrum	Red Maple	120	Na	Poor	Fused Trunk Measurement, Innex Bark Decay	Rem
1592	ACRU	Ace none	Red Maple	15.5	Ha	Fair	Irzner Bark Decay	Rem
1543 1594	QUAL	Acer rubrum	Red Maple	14.5	No	Good	77	Rem
7126	CONT	Quercus alba Quercus alba	White Oak White Oak	6.0	No No	Good		Rem
7126	PRSE	Prunus sercono	Black Cherry	20.0	No No	Fair	Inner Bark Decay	Rem
7128	PRSE	Princis serotine	Black Cherry	6.0	Ma	FZT	NAME OF TAKEN	Rem
7129	ACFU	Acer rubrum	Red Maple	7.0	No	Good		Rem
7130	ACYE	Acer negundo	Boseider	6.0	No.	Falt	•	Sa
7131	MOM	Mona alba	White Mulberry	6.5	No	Far		Sa
7132	CACO	Caryo constantes	Bitterrut Hickory	6.0	Ho	Good		Sar
7133	ACRU	Kernbun	Red Maple	6.5	Жо	Good		Rem
7134	ACRU	Acer nubrum	Red Maple	6.5	No	Good		Pem
7135	Ories	Quercus bico/or	Swarro White Oak	6.5	No.	Fair	CONTRACTOR AND ADMINISTRATION OF THE CONTRACTOR	Rem
7136	CADV	Caryo overto	Shaghark Hickory	11.0	No	fax		Rem
7137 7138	CADY	Ulmus amerikana	American Em	6.0	No .	Good		San
7138	CAOV	Carya ovata	Shagbark Hickory American Elm	6.0	No.	Good		Rem
7139 7141	CADY	Corya ovata	American Elm Shagbark Hickory	6.5	. No	Fair		Rem
7141 7142	ACRU	Acer nubrum	Red Maple	21.0	No No	Good	21	Rem
7143	ACRU	Acer rubrum	Red Maple	100	No No	Geod	41	Rem
กน	QUAL	Querrus octo	White Cal	245		Good		San
7145	ACRU	Acernacium	Ped Maple	120	No	Good		Rem
	MOAL .	Monus altro	White Mulberry	7.0	No	Fair		Sa
		Arernbrum	Red Maple	19.0	No	Poor	Inner Bark Decay	Fem
7146 7147	ACRU							
7146	ACRU	Arer rubrum	Red Maple	10.0	No	Good		Remy

TOTAL NUMBER TREES SAVED = 57 + 1 UNTAGGED TREE





CRESTWYK ESTATES PUD
SECTION 24 TOWN 3 NORTH, RANGE 11 EA:
CITY OF ROCHESTER HILLS

CLIENT:
M2J1, LLC
JIM POLYZOIS
14955 TECHNOLOGY DR
SHELBY TOWNSHIP, MI

Phone: 585.421.5729

CITY SUBMITTAL 10/9/201
PRELIM. DESIGN 04/25/20
0.44. 04040047

DESIG LNDSCIPE ARCHITECTURE • URBANDE 249 Park Street Troy, Michigan 48083 P. 248 397. 8540 nunezdesigninc@gmail.com

nunezdesigninc@gmail

Designed / Drawn, RN

Checked / Approved JN/RN Job # N01-20



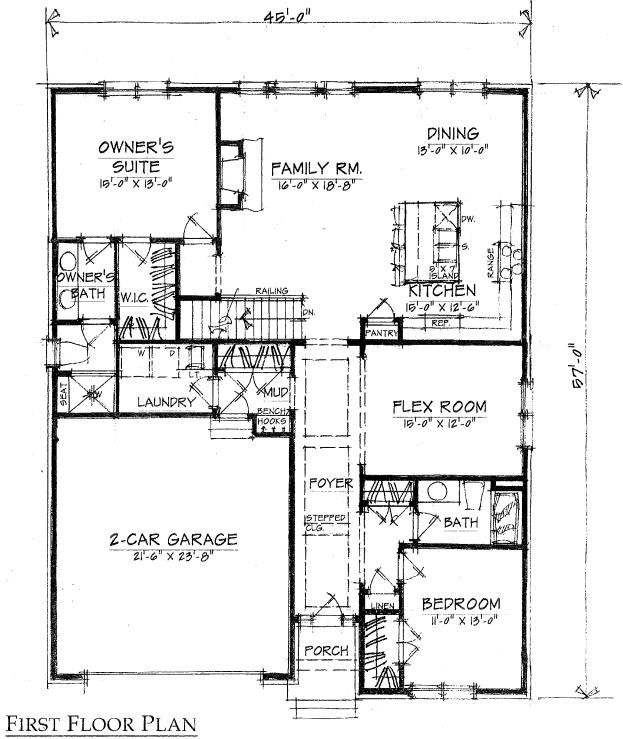
E Know what's below.

TREE ANALYSIS T-1.1

ECITY FILE NO.: 17-013

Crestwyk Estates Individual Unit

MJ LLC



SCALE: 1/4"= 1'-0"

FIRST FLOOR: 1,953 SQ. FT.



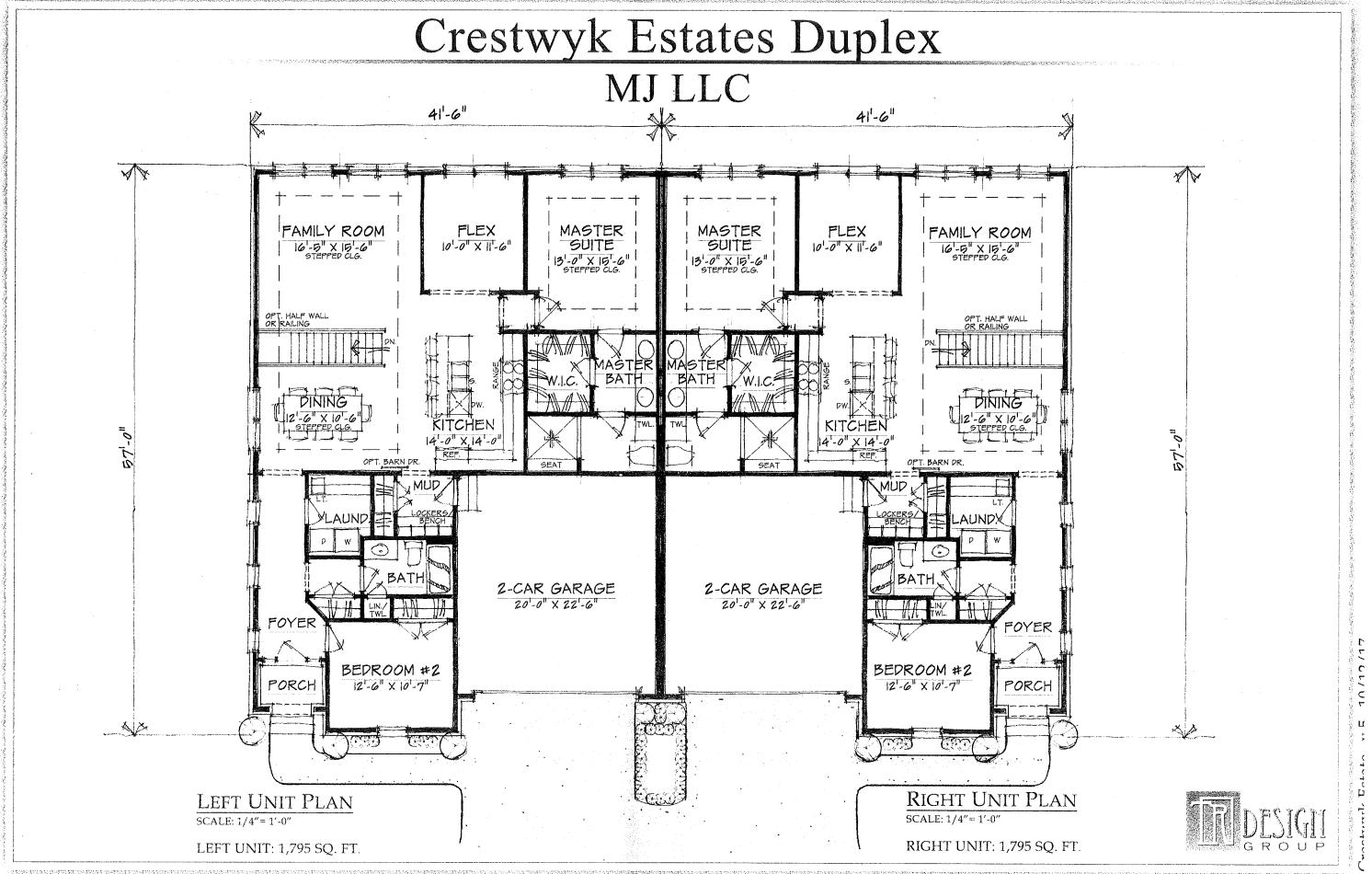
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Crestwyk Estates Individual Unit MJ LLC



ELEVATION CONCEPT SCALE: 1/4"= 1'-0"





Crestwyk Estates Duplex MJ LLC

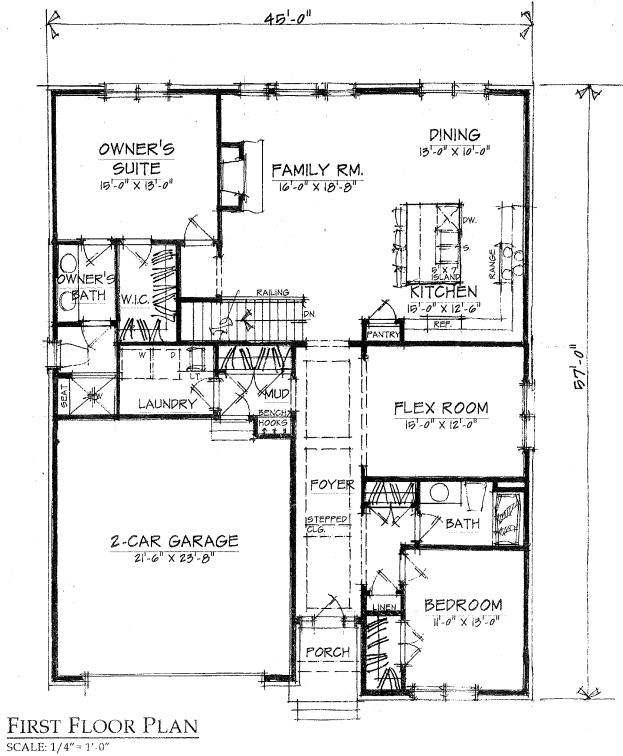


ELEVATION CONCEPT SCALE: 1/4"= 1'-0"



Crestwyk Estates Individual Unit

MJ LLC



FIRST FLOOR: 1,953 SQ. FT.

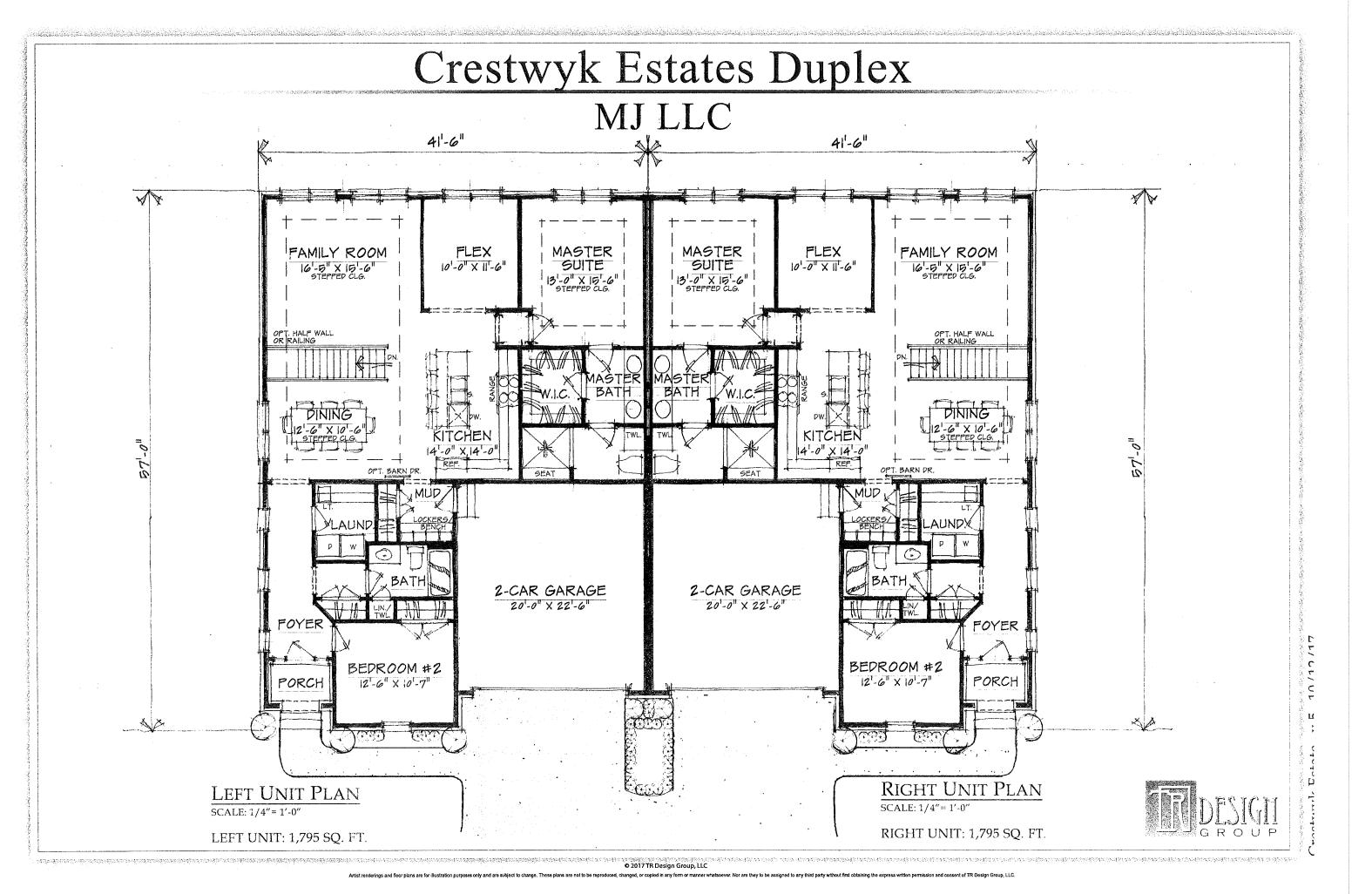


Crestwyk Estates Individual Unit MJ LLC



ELEVATION CONCEPT SCALE: 1/4"= 1'-0"





Crestwyk Estates Duplex MJ LLC



ELEVATION CONCEPT

SCALE: 1/4"= 1'-0"

