

AFTER TRANSPLANTING, AND THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD.

5. ALL TRANSPLANTED TREES SHALL BE CUARANTEED FOR A PERIOD NO LESS THAN 2 YEARS. ANY TRANSPLANTED TREE NOT SURVIVING 2 YEARS AFTER TRANSPLANTING SHALL BE REPLACED ON AN INCH FOR INCH BASIS

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PLAN SCHEMATIC LANDSCAPE

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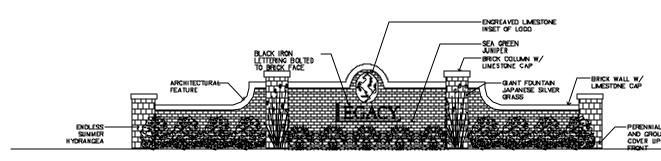
∞ SCOTT

THE LEGACY
CONDO DEVELOPMENT
JAMES C. SCO

12/2**/46** 2/3/10 3/7/m

1/25/16

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ENTRY WALL AND SIGNAGE DETAIL

NOT TO SCALE. FOR ILLUSTRATION PURPOSES ONLY

NOT TO SCALE

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ALL DESIGNE, CONCEPTE, DETALL, ETC. ARE THE PROPERTY OF JAMES C. BOOT BLASSOCIATES, NO., AND MAY NOT BE HER. CHARGE REQUICED WITHOUT THE WRITTEN DENIENT OF JAMES C. SCOTT. CHARGE

LANDSCAPE NOTES

1. PRIOR TO THE RELEASE OF ANY PERFORMANCE BOND, THE CITY OF ROCHESTER HILLS LANDSCAPE ARCHITECT MUST INSPECT ALL LANDSCAPE PLANTINGS INCLUDING, 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. PRIOR TO THE RELEASE OF THE PERFORMANCE BOND, 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 THE PUBLIC RIGHT-OF-WAY. FORESTRY MAY REQUIRE THE DEVLOPER TO REMOVE, AND POSSIBLY REPLACE. ANY SUCH TREES.

3. ALL TREES AND SHRUBS MUST BE PLANTED AT LEAST 10' FROM THE EDGE OF A PUBLIC ROADWAY, SHADE TREES AND SHRUBS MUST BE PLANTED AT LEAST 5' FROM THE EDGE OF A PUBLIC WALKWAY. EVERGREEN AND DRNAMENTAL TREES MUST BE PLANTED AT LEAST 10" FROM THE EDGE OF A PUBLIC WALKWAY. ALL TREES AND SHRUBS MUST BE PLANTED AT LEAST 10' FROM ANY FIRE HYDRANT. SHADE AND EVERGREEN TREES MUST BE PLANTED AT LEAST 15' FROM THE NEAREST OVERHEAD WIRE AND AT LEAST 10' FROM THE NEAREST UNDERGROUND UTILITY

4, NO TREE OR SHRUB 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 TREE OR SHRUB MAY BE PLANTED IN THE TRIANGULAR AREA FORMED AT THE INTERSECTION OF ANY DRIVEWAY WITH A PUBLIC SIDEWALK AT A DISTANCE ALONG FACH TIME OF 15' FROM THEIR POINT OF INTERSECTION.

5. PRIOR APPROVAL IS REQUIRED TO PLANT ANY TREE OR SHRUB IN THE PUBLIC RIGHT-OF-WAY.

6. NO SUBSTITUTIONS OR CHANGES OF LOCATION OR PLANT TYPES SHALL BE MADE WITHOUT THE APPROVAL OF THE DEVELPOER AND THE CITY OF ROCHESTER HILLS LANDSCAPE ARCHITECT.

THE DEVELPER AND/OR THE CITY OF ROCHESTER HILLS LANDSCAPE ARCHITECT 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.

8. REPLACEMENT TREES MAY NOT BE PLANTED WITHIN THE DRIP LINE OF EXISTING TREES.

9. ALL LANDSCAPE BEDS ARE TO IRRIGATED BY AN AUTOMATIC IRRIGATION SYSTEM.

10. ALL LANDSCAPE BEDS ARE TO BE DRESSED WITH 4" OF SHREDDED BARK MULCH. MULCH IS TO BE FREE OF ANY ADDED COLORS OR CHEMICALS.

TREE PROTECTION

THE THE 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 THE CITY OF ROCHESTER HILLS PRIOR TO THE START OF ANY EARTHWORK OR CONSTRUCTION OPERATIONS. IT IS THE DEVELOPERS RESPONSIBILITY TO CONTACT THE CITY PLANNING DEPARTMENT (248.656.4860) TO SCHEDULE A TPF INSPECTION. THE TPF 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 ISTALLATION OF THE INFRASTRUCTURE, A SECOND INSPECTION OF THE TPF AND THE TREES DESIGNATED FOR PRESERVATION IS REQUIRED BY THE CITY OF ROCHESTER HILLS' LANDSCAPE ARCHITECT PRIOR TO THE START OF ANY ADDITIONAL CONSTRUCTION. IT IS THE DEVELOPERS RESPONSIBILITY TO CONTACT THE CITY PLANNING DEPARTMENT (248.656.4660) TO SCHEDULE THIS THE INSPECTION

3. UPON COMPLETION OF ALL CONSTRUCTION AND PRIOR TO THE REMOVAL OF THE TPF, THE CITY OF ROCHESTER HILLS' LANDSCAPE ARCHITECT 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 DEVELOPERS RESPONSIBILITY TO CONTACT THE CITY PLANNING DEPARTMENT (248.656.4660) TO SCHEDULE THIS

4. ALL FINAL INSPECTION BY THE CITY OF ROCHESTER HILLS' LANDSCAPE ARCHITECT IS REQUIRED AT THE END OF THE WARRANTY 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 DEVELOPERS RESPONSIBILITY TO CONTACT THE CITY PLANNING DEPARTMENT (248.656.4660) TO SCHEDULE A THIS

5. THE TREE CONSERVATION ORDINANCE PROHIBITS ANY CONSTRUCTION OR DEVELOPMENT ACTIVITIES WITHIN THE DRIP LINE OF TREES DESIGNATED FOR PRESERVATION. THIS INCLUDES, BUT IS NOT LIMITED TO, LAND CLEARING, GRUBBING TRENCHING, GRADING AND/OR FILLING. NO PERSON SHALL PLACE ANY SOLVENTS, BUILDING MATERIAL, CONSTRUCTION EQUIPMENT, SOIL DEPOSITS, OR HARMFUL MATERIALS WITHIN THE DRIP LINE OF TREES DESIGNATED FOR PRESERVATION.

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 PRESERVATION.

7. DURING THE CONSTRUCTION PROCESS, NO PERSON SHALL ATTACH ANY DEVICE OR WIRE/CABLE/CORD/ROPE TO ANY EXISTING TREE DESIGNATED TO BE PRESERVED.

8. ALL UTILITY SERVICE REQUESTS MUST INCLUDE NOTIFICATION TO THE INSTALLER THAT PROTECTED
TREES MUST BE AVOIDED, ALL TRENCHING SHALL
OCCUR OUTSIDE THE TPF.

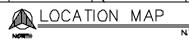
9. SWALES SHALL BE ROUTED TO AVOID THE AREA WITHIN THE DRIP LINE OF ANY TREE DESIGNATE FOR PRESERVATION. SWALES SHALL BE CONSTRUCTED SO AS NOT TO DIRECT ANY ADDITION FLOW INTO THE DRIP LINE OF A TREE DESIGNATED FOR PRESERVATION.

1D. IF TREE PROTECTION CANNOT BE MAINTAINED FOR A TREE THROUGHOUT THE ENTIRE PERIOD REQUIRED, THEN TREE REPLACEMENT OF THAT TREE WILL BE REQUIRED ON AN 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' HIGH ORANGE

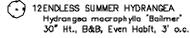
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PLANT SYMBOL LEGEND



8 SEA GREEN JUNIPER Juniperus chinensis 'Sea Green' 30" Ht., B&B, Even Habit, 3' o.c.





4 GIANT FOUNTAIN JAPANESE SILVER GRASS Miscanthus sinensis 'Grosse Fontane' 5 gal. container

TREE **PRESERVATION**

TOTAL I TOTAL I TOTAL I (37%):	TREE OFF DEAD TRE NUMBER OF REGULATED	REGULATI TREES TO TREES TREES RE	ED TREES ON REMAIN ON ANSPLANTED: MOVED: BE PRESERVED	38 -1 -1 36 7 7 22 14 14 (38	a.8%}	Y /ELOPMENT	
DAT DECIDUO CREDITS	E REP A SUS TREES SE BOTTS TREE	(3" CAL.	WORTH 2	= 4 (x 2 8 (x 2 22		THE LEGAC	

TREE REPLACEMENT

DECIDUOUS TREES (3" CAL., WORTH 2 CREDITS): FMFRGREENNTREFFERMOREHT. WORTH 2 CREDITS PROVIDED:

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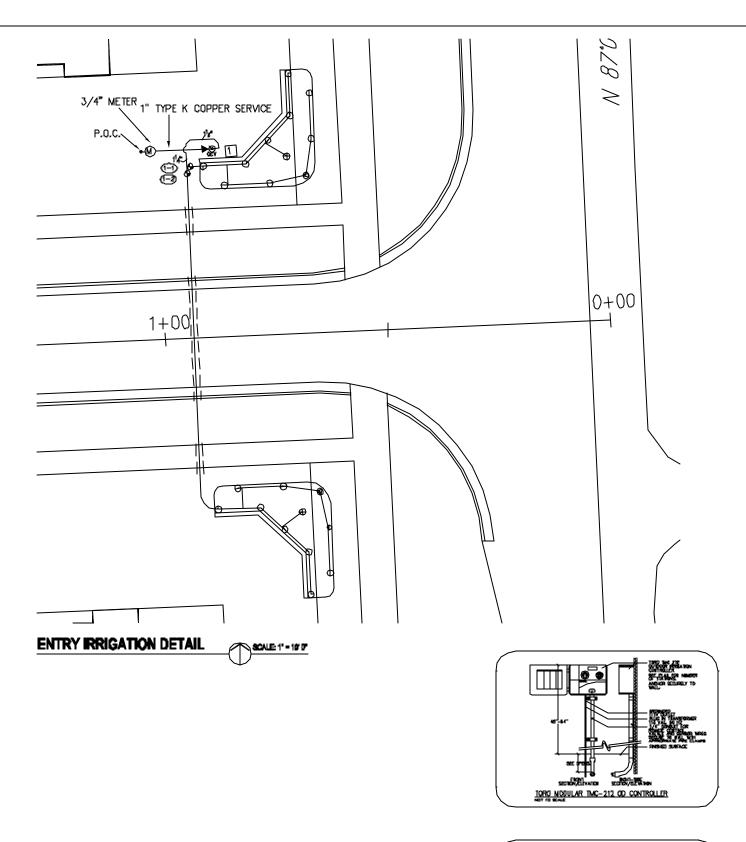
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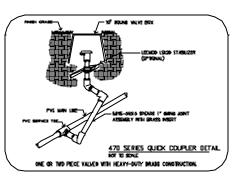
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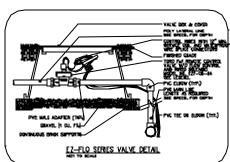
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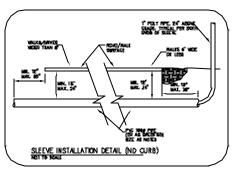
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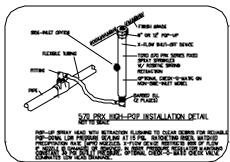
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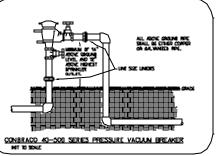


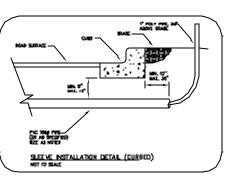


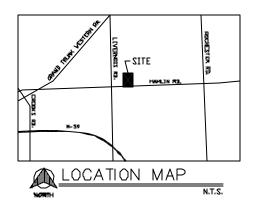












LEGEND

⊕ ⊖ ⊖ ⊕ 570Z_PRX_12P TORD FIXED SPRAY POP-UP (12") TORD FIXED SPRAY POP-UP (12") qav@ 474—00 € EZF-06-04 TORD I" ELECTRIC VALVE 1 TNC-212-00

— PVC 160# PIPE (ALL 1-1/4" MAINLINE)

OIL GREEK 1004 POLYETHYLENE PIPE (PE=3408 NSF APPROVED) (ALL PIPE DOWNSTREAM OF VALVE $1\!-\!1/4$ " AND SNALLER)

NDT SHOWN #18/6 UL APPROVED MULTI-STRAND WIRE

POINT OF CONNECTION

CONBRACO 1" PRESSURE VACUUM BREAKER ▶ 40-505-D2

- 1. COORDINATE THIS WORK WITH ALL OTHER TRADES.
- 2. ALL PLUMPING AND ELECTRICAL SHALL BE INSTALLED ACCORDING TO STATE AND LOCAL CODES.
- ALL SLEEVES SHALL BE 4" PVC 180# (UNLESS OTHERWISE SPECIFIED). SLEEVE INSTALLATION SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR.
- 4. ALL PIPE NOT SIZED DOWNSTREAM OF VALVE IS 1".
- 5. REGIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR 1" TAP, 3/4" METER, METER PIT AND 1" SERVICE LINE. INSTALL PER THE CITY OF ROCHESTER HILLS WATER DEPARTMENTS STANDARDS.
- 6. 115V POWER INTO CONTROLLER SHALL BE SUPPLIED BY ELECTRICAL CONTRACTOR.
- CONTROLLER AND RAINSMITCH SHALL BE MOUNTED AT LOCATION SHOWN ON PLAN (VERIFY EXACT LOCATION WITH OWNER'S REPRESENTATIVE).
- F SITE PRESSURE IS NOT ADEQUATE, A BOOSTER PUMP AND RELATED EQUIPMENT MAY BE REQUIRED AT ADDITIONAL COST TO OWNER.

ZONE NUMBER VALVE SIZE GPM HEAD TYPE NUMBER 1 6 SPRAY SYMBOL 1 6 SPRAY 1–2



487 W. Division St. Sporto, MI 49345 Ph.: 615.887.7301 Fox:815.887.8288

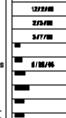
1050 Dpdyke Road Aubum Hills, M 48328 Ph: 248.373.8800 Fax: 248.373.8899

800.822.2216

Design By: Plan #: Date: Revisions:







IRRIGATION PLAN

790 W. HAMLIN ROAD, ROCHESTER HILLS, MICHIGAN

ASSOCIATES

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SCOTT

THE LEGACY
CONDO DEVELOPMENT
JAMES C. SCO

The Landscape Contractor will be duly licensed by the appropriate authorities to handl plant materials. He will be covered by Public Liability and Property Insurance and his employee's covered by Workmen's Compensation Insurance. He will, upon request, furnish a list of major projects your organization has completed in the last five (5) years A list of major construction projects your organization has underway.

1.2 SITE PREPARATION

- A. Trees, brush or shrubs will not be pruned or removed from the site except as directed by the Landscape Architect. Competent personnel shall do all pruning and removal. All tree wounds larger than one inch (11) shall be painted with approved tree paint. Debris resulting from pruning and removal shall prompilly be removed from the site.
- B. If the Contractor is responsible for furnishing fillsoil, the material will be clean and well draining, free of any organic matter, debris, trash and heavy clay. Fillsoil shall be spread and compacted in layers that are not to exceed twelve inches (12") in depth and will be properly compacted by the contractor.
- C. If the Contractor is responsible for rough grading he will grade the subgrade to within a rough grading tolerance to two inches (2*) and to be true to line and section. All rocks, stumps and building debris will be removed prior to the spreading of topsoil. Every effort will be made to eliminate depressions, tracks, and soft spots.
- D. The Contractor will be responsible for making himself familiar with all underground utilities, pipes and structures. Contractor shall take sole responsibility for cost incurred due to damage and replacement of said utilities.
- E. The Contractor will verify all rights of way, easements, property lines and limits of work,
- F. The Contractor will coordinate all site layouts with Landscape Architect. Report any dimensional discrepancies to Landscape Architect prior to construction.
- G. Any erosion and sedimentation from work on this site shall be contained on the site and not allowed to collect on any off-site areas or waterways. Waterways include both natural and man-made open ditches, streams, storm drains, etc.

1.3 FINISH GRADING

1/2"), rubble, concrete, sticks, and other objectionable materials that are exposed during fin raking, must be properly disposed of off-site. The Landscape Architect shall make the final determination as to what constitutes objectionable material. The Contractor is required to meet finish grades.

1.4 TREE PROTECTION

- A. Prior to the initiation of any construction activity, approved tree protection shall be erected and will remain in place until construction is complete.
- B. The following activities may not occur within the drip line of all protected trees on the site: 1. Storage of solvents, building materials, soil deposits, equipment, both idle and running
- Stripping of topsoil and any other sublayer material
 Grade changes of any kind
- C. During construction, no wires, lines, etc. may be fastened in any form to any protected
- D. Care should be taken to prevent damage to any regulated trees located on adjacent properties that could be affected during construction.
- E. When contracting utility services, notification must be given of the protected trees and all trenching is to be performed outside of the drip lines.

1 5 PLANT MATERIAL

- A. All plant material called for in the plant list as shown on the drawing will be of minimum size specified or larger. The height and spread will be measured according to the Anticultural standards of the American Association of Nurserymen. Trees will not be accepted if the balls of earth are loosened or broken. All plants shall be healthy vigorous tock, free from disease and with well-developed not systems. They shall be nursery grow inspected by the Department of Agriculture's Bureau of Plant Industry, and subject to approval by the Landscape Architect.
- C. The Landscape Architect will have the prerogative to request the source of supply for all plant material to be used, before delivery is started. When specimen material is indicated or when the best interest of the Owner may be served, the Landscape Architect or their designated representative will have the right to inspect the material prior to delivery.
- D. Only materials conforming to the requirements of these specifications or specimens approved by the Landscape Architect or authorized agents shall be used in the work. Any material that, after approval, has for any reason become unfit for use will not be incorporated into the work.
- E. The Bidder will not modify his bid because of his inability to find a source of supply of plant material specified. If the Landscape Contractor can show satisfactory evidence the contract is awarded that a particular species is not available, a substitution will be negotiated on the following basis:
- Determine from the current catalog of the Lake County Nursery Exchange, Inc. Perry, Ohio 44081 and/or Landscape Supply Co. Taylor, Michigan 48180 the price of one plant to
- The price to be paid the Landscape Contractor for furnishing, planting, and quarantining each substituted item will be the same proportion to the bid price as the catalog price determined above.
- F. Trees will be measured in trunk diameter six inches (6") above ground line if the trunk is four inches (4") or less in diameter. If over four inches (4") in diameter, it shall be measured twelve inches (12") above the normal ground line. All trees shall have a straight trunk, twelve incnes (12') above the normal ground line. All trees shall have a straight trunk, except those otherwise indicated, and be free of bruises and blemishes. The tree crown she well formed structurally having sufficient wig growth to insure proper growth of the tree. All limbs shall radiate in a normal manner from the trunk.
- G. Small ornamental trees will be measured on an average from the ground line to the tops of previous year's growth on the vertical branches. All plants, unless otherwise specified, shall be heavy types and may be inspected on the site before Contractor installs the material.
- H. Multi-stemmed trees and shrubs will be measured at the average distance across the body of the plant from tip to tip of branches in their natural position, and at the average
- Plants will be handled properly and protected during transportation to insure satisfactory condition at destination point. The Landscape Architect reserves the right to reject any plants that do not meet the above specifications.
- J. Bare root stock and balled & burlapped plants will be carefully protected with wet straw, mulch, or other materials so that the plants will be stored with their roots in a moist and healthy condition, and shall be governed by weather conditions and the length of time that the root ball must remain above ground.

- K. Trunks and branches of all trees will be carefully protected from injury of any kind during all operations of digging, loading and transporting. Any plants that are injured may be rejected by the Landscape Architect.
- .. All plants so specified, will be balled and burlapped previous to shipment. Such plants shall be lifted from the ground in such a manner as to retain a firm ball of earth. The size of the ball will conform to AAN guidelines. Plants will not be accepted if the balls of earth are loosened or broken.
- M. All plant material shall be planted plumb and at the correct depth, and shall be staked, guyed and wrapped, as soon or possible after planting. It will be at the discretion of the contractor to use the appropriate products and materials on the plants will remain straight, properly aligned, and at the proper elevation for the guarantee period. The owner has the option of having the contractor remove all staking and guying material at the end of the
- N. All pruning will be performed on the job site by a competent plantsman. All broken branches and roots will be removed in an approved manner providing a clean cut.

1.6 SOIL PREPARATION AND PLANTING

- A. The Contractor shall prepare such quantities of planting soil as may be required to install At the contractors start prepare sout quantities or partially got as they be required to inside plants in accordance with the accepted practice of the American Association of Nurserymer and to the satisfaction of the Landscape Architect. Deciduous, and evergreen trees and shrubs, perennials, groundcover and ericaccious plants will be pocket planted using a soil mixture of three (3) parts topsoil and one (1) part peat.
- Note: The contractor will acidify the ericaecious soil with perric sulfate to arrive at ph of 4.5
- B. A general guideline for excavation of the plant pits follows:

Since Stant Stan	SIZE		PLANT	PIT SIZE *		
More than 3" cal. Decidouos Tree 12" 12" 8" It. of less Evergreen Tree 8" 8" More than 8" ht. Evergreen Tree 12" 12" 12" Mult. Stem TreeLg. Shrub 8" 8" 8" Small to medium Decidouos Shrub 6" 6" 6" 6" Small to medium Evergreen Shrub 6" 6" 6" 6"		01 0	Desirence Torre			
More than 8' ht. Evergreen Tree 12' 12' Mult. Stern Tree/Lg. Shrub 8' 8' Small to medium Deciduous Shrub 6' 6' Small to medium Evergreen Shrub 6' 6'						
Mult. Stem Tree/Lg. Shrub 8° 8° Small to medium Deciduous Shrub 6° 6° Small to medium Evergreen Shrub 6° 6°		8' ht. or less	Evergreen Tree	8"	8"	
Small to medium Deciduous Shrub 6° 6° Small to medium Evergreen Shrub 6° 6°						
Small to medium Evergreen Shrub 6" 6"		Mult. Stem	Tree/Lg. Shrub	8"	8"	
		Small to medium	Deciduous Shrub	6"	6"	
1 gal. Plus Perennials 3" 3"				6"		
		1 gal. Plus	Perennials	3"	3"	

- ** After excavation, backfill with existing soil so that root ball sits at proper grade
- C. Metal and far paper containers shall be removed from all container grown plant materials Biodegradable paper mache' containers may be left in place, but additional holes shall be punched through the sides to provide a
- D. The Contractor is responsible for the proper placement, alignment and settling of all plants. Care shall be taken to place all plants at their proper depth. In wet situations b and burlapped plants may be planted slightly higher than their original grade.

- A Spread commercial fertilizer (15/30/15) evenly with a mechanical spreader at the rate of 150 lbs/acre and thoroughly incorporate into the topsoil to a depth of two inches (2"). mmediately before seeding, rework and moisten the surface.
- B. Seed will be planted at the uniform rate of six (6) pounds per one thousand square fee

Kentucky Blend 33 % Creeping Red Fescue 33 % Fine Leaf Rye Grass 33 %

(unless otherwise specified on the plan)

- All seed shall have a 97 % purity rating. Certification of the seed mix will be provided to the Landscape Architect prior to any seeding operation, if so requested.
- C. Incorporate all seeding by use of a brillion seeder with roller to a minimum depth of one-half inch (1/2") or approved equal.
- D. All seeded areas will be mulched with straw mulch or hydro mulch. This will be left to the discretion of the Contractor E. Any part of this area that fails to show a uniform germination shall be reseeded at no additional expense to the Owner and such reseeding shall continue until a dense lawn is established.
- F. It is the intent of these specifications to obtain a finished lawn surface free of humps and depressions, and satisfactory for mowing with hand or mechanical mowers, and to establish an even dense, weed free turf of permanent grasses. Any part of the seeded area that fails to show a uniform growth shall be reseated by the Contractor until a dense lawn is produced. Damage to the lawn areas resulting from erosion or Contractor's operation be repaired by the Contractor until the lawn is accepted.

- A. Seed mixture composition of the sod will be approved by the Landscape Architect prior to delivery on site. Sod will be laid over approved subgrade. Sod will have a uniform soiload belivery of site. "Sod will be laid over approved subgrade." Sod will nave a uniform sulpad thickness of 5/8", plus or minus 1/4". Sod shall be harvested, delivered and transplanted within 36 hours. Sod will be weed free and placed flush at the joints so that no gaps occur.
- B. Any area or amount of sod that dies shall be replaced at no additional expense to the
- C. It is that intent of these specifications to obtain a finished lawn surface free of humps and On the state items of these speciments to Unional mismated unity States are for mining and depressions, and established for mechanical mowers, and to establish an even dense, wend free full of permanent grasses. Any part of the area that fails to show a uniform growth shall be resoded by the Contractor unit all dense lawn is produced.

 Damage to the lawn areas resulting from excision or Contractor's operations shall be repaired by the Contractor until the lawn is accepted.

- A. Maintenance shall begin immediately after a portion of turf is installed and shall be the responsibility of the contractor for a period of 30 days. Also, one mowing of sodded lawn and two mowings of the seeded lawn will be required.
- B. Maintenance shall also include, but not be limited to the watering, weeding, resedding, resodding, rolling, trimming and other operations as necessary. The areas shall be kept watered with sprinklers or other approved methods during dry weather or when deemed necessary by the Landscape Contractor. The sod shall be thoroughly watered when initially laid. Note that a sprinkler irrigation system is typically planned, so the system should be operable at the time of sod installation.

1.10 FERTILIZING AND WATERING OF PLANT MATERIAL

- commercial fertilizers be placed in the root zone, unless they are the pelletized slow-re type, designed for this purpose.
- B. All plants will be thoroughly watered in by the Contractor immediately after planting. Watering will be the Contractors responsibility until the installation is accepted by the Owner The Contractor will advise the Owner on the proper care of the new plantings and will be responsible for checking the condition of the plants as necessary and advise the Owner of any delicitancy or excess of watering during the wateranty period.

1.11 EDGING

- A. Edging will be the type specified and installed where shown on the drawing.
- B. All edging shall be installed uniform to the grade and in straight alignment
- C. Edging will be cut or perforated when installed in low areas, swales or any situation where

1.12 STONE MULCH

- A. All stone mulch specified on the plan will be of the type and size aggregate indicated and will be applied at the thickness specified on the plan
- B. The stone mulch material shall be consistent in size, shape, and color, will be of premium grade and washed clean prior to installation.
- C. The stone mulch will be placed on top of Fabric Weed Barrier (Dupont Typar Style #3201 or equal) after the soil has been treated with an approved pre-emergent weed preventative. The pre-emergent weed preventative will be applied at a rate specified by the manufacturer.

1.13 SHREDDED BARK MULCH

- A. All planting beds indicated on the plan shall contain a layer of Shredded Bark Mulch. Mulch shall be applied at the thickness specified on the plans. The finish grade shall conform to the surrounding grade.
- B. The mulch material shall have a dark brown, fine shredded appearance with no large objectionable pieces. No wood chips will be allowed
- C. Approved pre-emergent weed preventative shall be applied to all mulched beds at a rate specified by the manufacturer.
- D. All evergreen and deciduous trees in lawn areas will receive approximately ten (10) sq.ft. of Shredded Bark Mulch per tree at a four inch (4") minimum depth.

- A. The Contractor will guarantee in writing all plant material to be true to name and in vigorous condition at time of planting. In addition, he will guarantee the life of all plant materials 100 % for a period of two (2) years from the date of approvably the city of Rochester Hills' Landscape Architect. Replacements shall be made during the next encorrolled and entires seasons.
- B. All construction will be guaranteed in writing against faulty workmanship and materials for a period of two (2) years from the date of approval by the city of Rochester Hills' Landscape

1.15 ACCEPTANCE & PAYMENT

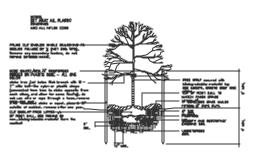
- A. The job will be accepted when completed to the satisfaction of the Landscape Architect and Owner. The Landscape Architect shall have the authority to reject any material that does not meet the specifications or is improperly planted or placed. All debris resulting from the Landscape job will be removed and the beds properly graded and raked prior to
- All mud, dirt, and debris tracked onto existing roads from the site due to his construction duties shall be removed by the contractor.
- Any damage caused by the Landscape Contractor to existing plants, structures, walks and lawns must be repaired prior to final payment.
- B. Partial payments shall be made as various stages of the job are completed and accepted

- Ten percent (10 $\,$ %) of said payments shall be retained until the total contract is completed and accepted.

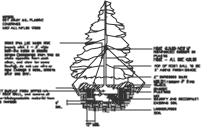
- A. Care should be taken by Contractor not to plant under or over utility lines, and easements, or in any location where existing utilities will interfere with the growth of plant
- B. Contractor shall be responsible for checking plant and material quantities to ensure quantities on drawings and plant list (if provided) are the same. In the event of a discrepancy, the quantities on the plans shall prevail.

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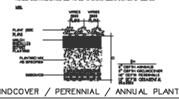
NOT TO BE USED AS CONSTRUCTION DRAWINGS



DECIDUOUS TREE PLANTING

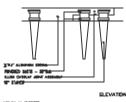


EVERGREEN TREE PLANTING



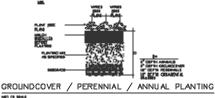
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SHRUB PLANTING DETAIL

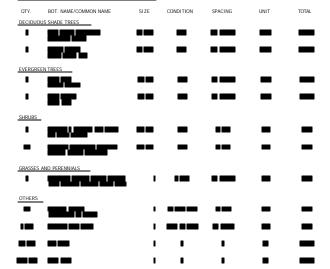


ALUMINUM EDGING DETAIL

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