

LANDSCAPE PLAN



PLANT LIST

KEY	BOTANICAL NAME	COMMON NAME
●	ACER SACCHARUM	'LEGACY' SUGAR MAPLE
●	BETULA NIGRA	'CULLY' HERITAGE RIVER BIRCH
●	QUERCUS PHELLOS	WILLOW OAK
+	ULMUS AMERICANA	'PRINCETON' AMERICAN ELM
●	AMELANCHIER X GRAND	'AUTUMN BRILLIANCE' AUTUMN BRILLIANCE SERVICEBERRY
ARC	ABELIA X 'ROSE CREEK'	ROSE CREEK ABELIA
B	BUXUS X 'SLENCOE'	CHICAGO LAND GREEN BOXWOOD
EF	EUONYMUS FORTUNEI	'EMERALD GAETTY' EMERALD GAETTY EUONYMUS
EK	EUONYMUS KIATCHOUICUS	'MANHATTAN' MANHATTAN EUONYMUS
IA	ILEX AQUIPERNYI	'MESCHICK' DRAGON LADY HOLLY
IC	ILEX CRENATA	'STEEDS' JAPANESE HOLLY
HQ	HYDRANGEA QUERICIFOLIA	'RUBY SLIPPERS' RUBY SLIPPERS OAKLEAF HYDRANGEA
PL	PRUNUS LAUROCERACUS	'OTTO LUYKEN' DWARF CHERRY LAUREL
RK	ROSA 'RADRAZZ'	PP11836 'KNOCK OUT' ROSE
R	ROSA OSO EASY®	'PAPRIKA' GROUND COVER ROSE
CA	CALAMAGROSTIS ACUTIFLORA	'KARL FOERSTERII' 'KARL FOERSTER FEATHER REED GRASS
PO	PENNISETUM ORIENTALE	'KARLEY ROSE' 'KARLEY ROSE' FOUNTAIN GRASS
LM	LIRIOPE MUSCARI	'VARIEGATA' VARIEGATED LILY TURF
PT	PACHYSANDRA TERMINALIS	PACHYSANDRA
F	DRYOPTERIS ERYTHROSORA	'RADIANCE' AUTUMN FERN
H	HEMEROCALLIS 'HAPPY RETURNS'	'HAPPY RETURNS' DAY LILY
HP	HOSTA 'PATRIOT'	'PATRIOT' HOSTA

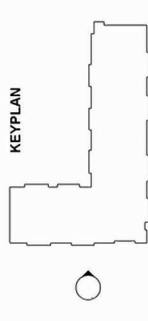
(16) 2" - 2 1/2" CAL. TREES REQUIRED TO SATISFY FOREST CONSERVATION REQUIREMENTS.
 (16) 2" - 2 1/2" CALIPER SHADE TREES PROVIDED.



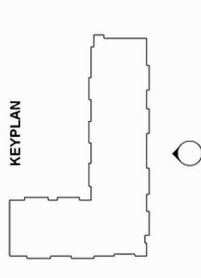
ELEVATIONS



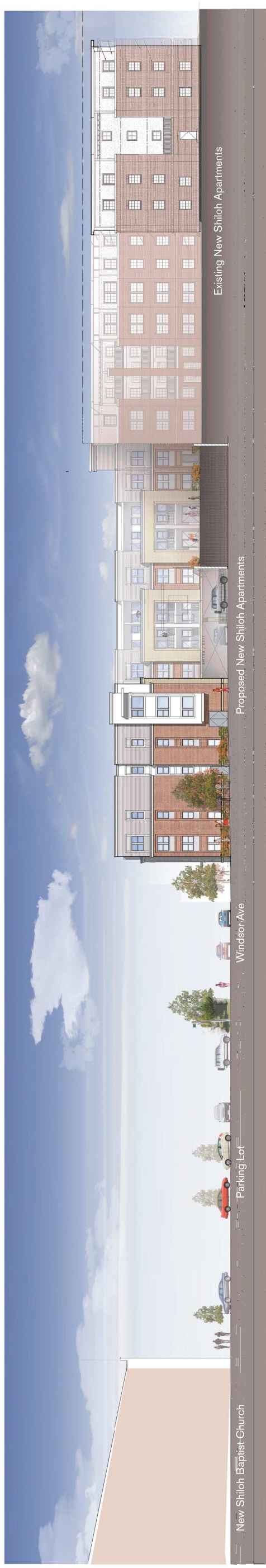
WEST ELEVATION



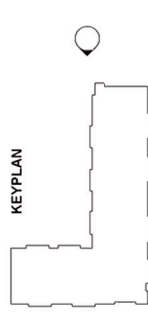
SOUTH ELEVATION



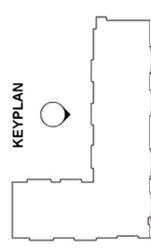
ELEVATIONS



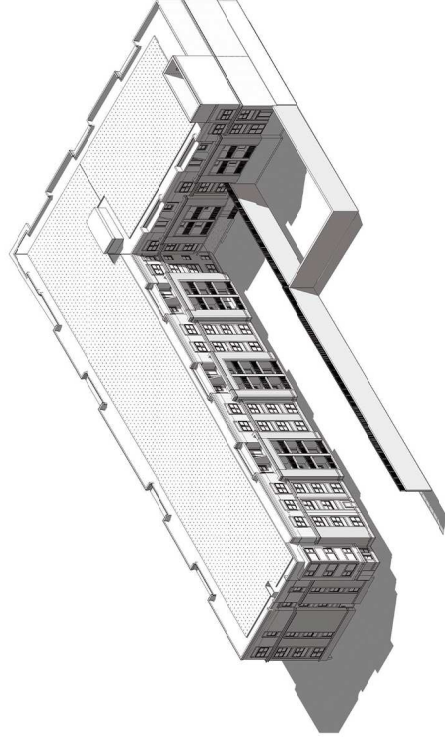
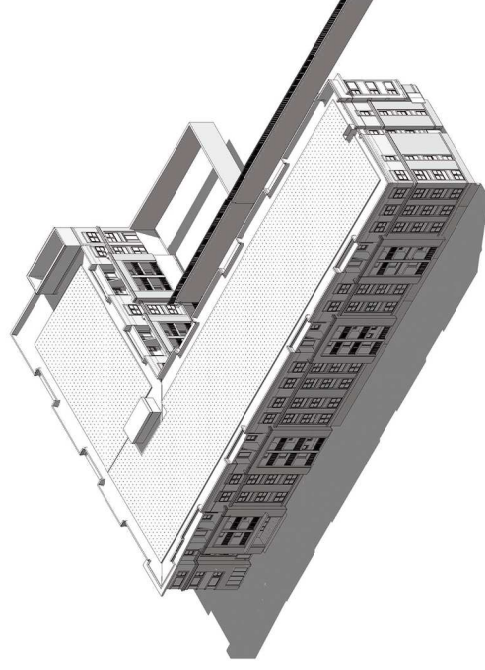
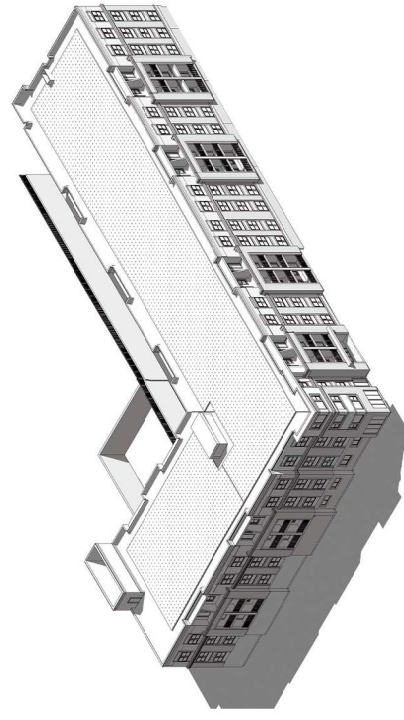
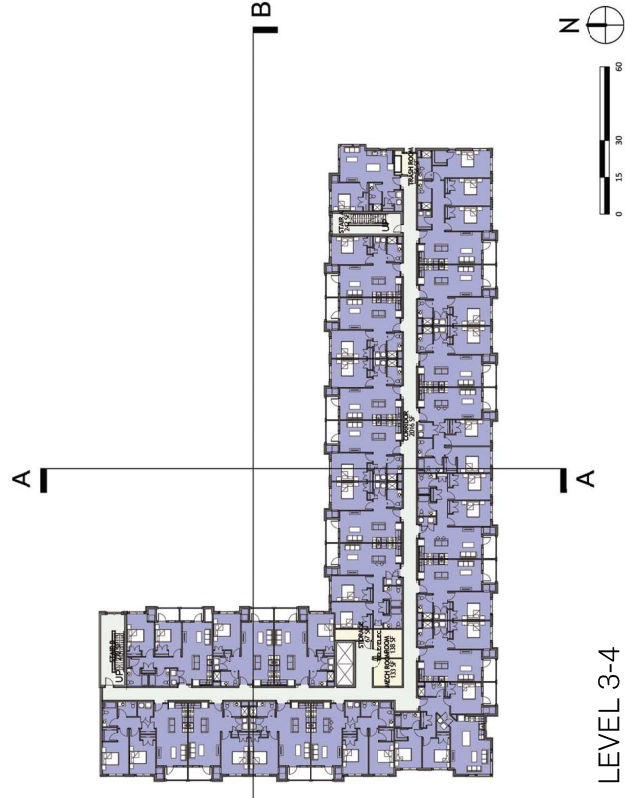
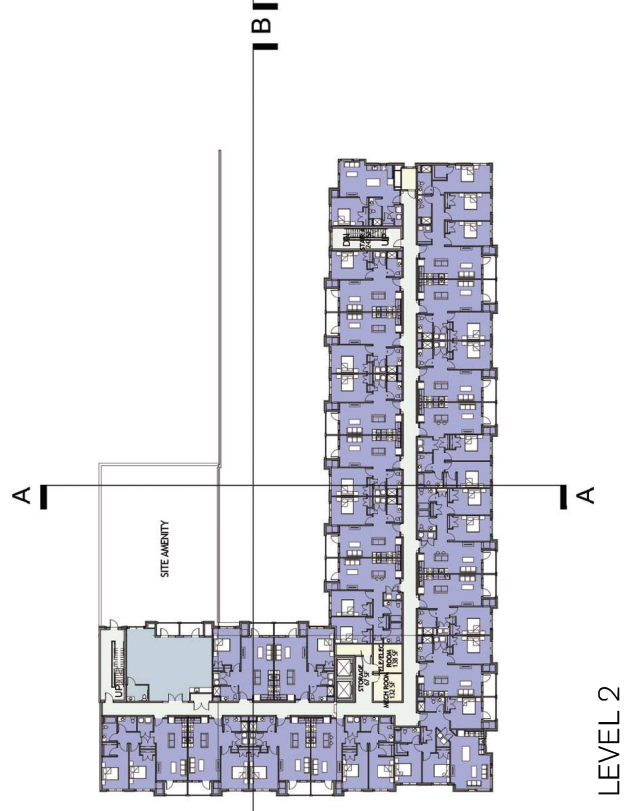
EAST ELEVATION



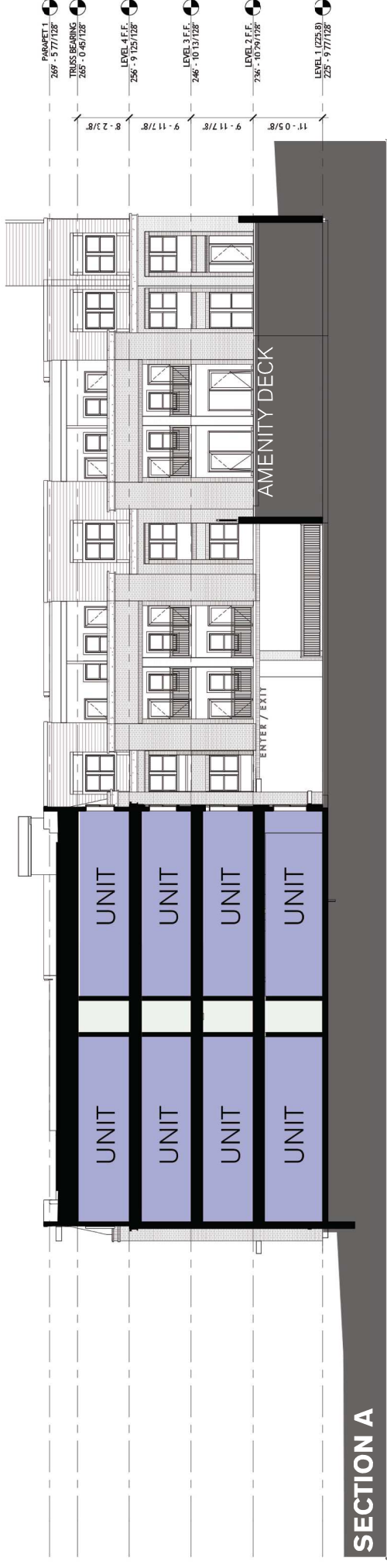
NORTH ELEVATION



FLOOR PLANS



BUILDING SECTIONS

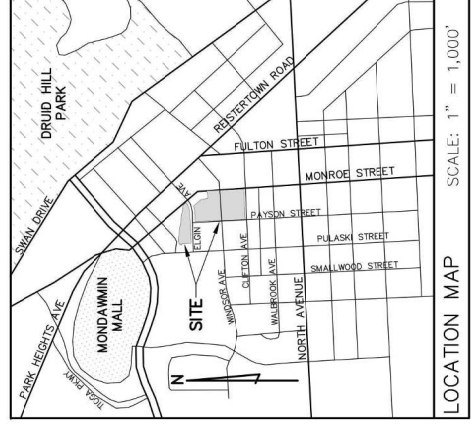
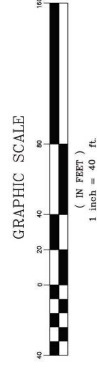


SECTION A

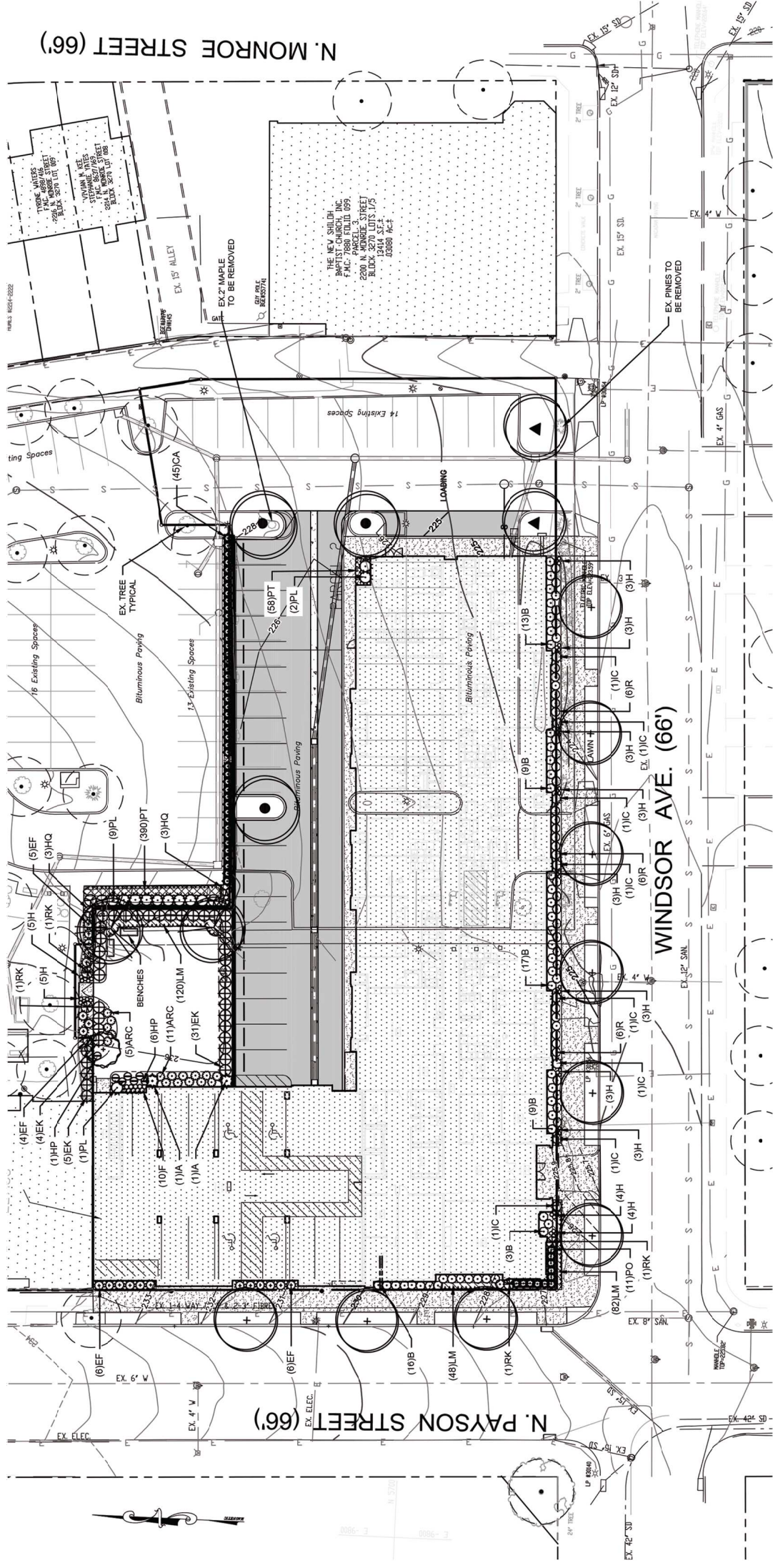


SECTION B

PLOT PLAN



LANDSCAPE PLAN



SPECIFICATIONS FOR PLANTING

EXCAVATION:
Holes for all plants shall be identified in accordance with the latest edition of "Handbook of the Soil of the Nation".

LIST OF PLANT MATERIALS:
The contractor shall verify plant quantities prior to bidding and any substitutions shall be approved in writing by the Landscape Architect. The Contractor shall furnish and plant all plants required to complete the work as shown on the drawings. Substitutions shall not be made without the written approval of the Landscape Architect. The Contractor shall be responsible for the availability of the required plant materials as specified on the Plant List.

PLANT QUANTITY:
All shrubs shall be dense, heavy to the ground, and well grown, showing evidence of having been sheared regularly, and sound, free of plant disease or insect eggs, and shall have a healthy, well-developed root system. The shape of the plant shall be general conform to its natural growth proportions unless otherwise specified. All plants requiring staking shall be grown in a container and shall have a well-shaped, heavy branch structure for the species. Evergreen trees are to have an internode no greater than 24" and all well uniformly developed. All plants shall be spaced at least the inside of the range given in the plant list.

PLANT SPACING:
Plant spacing is to scale on the plan or as shown on the plant list.
SOIL MIX:
Soil mix will be 75% existing soil and 25% LEAF-GRO or equal organic material, thoroughly mixed and homogenized.

BALL SIZE:
The ball size shall conform to the American Association of Nurserymen's publication entitled American Standard For Nursery Stock, A103 200-1, latest edition.

MAINTENANCE:
The Contractor shall be responsible during the planting and up to the time of acceptance for keeping the planting and work incidental thereto in good condition, by replanting, plant replacement, watering, weeding, cultivating, pruning and spraying, and shall be responsible for the maintenance of the planting operations of care for promotion of good plant growth so that all work is in satisfactory condition at time of acceptance, at no additional cost to the Owner.

FERTILIZER:
The Contractor shall apply granular fertilizer to the soil mix with 10-4-4 analysis, 50% organic matter @ 3.5 lbs. per 100 sq.ft. and Groundcover Beds @ 2.3 lbs. per 100 sq.ft.

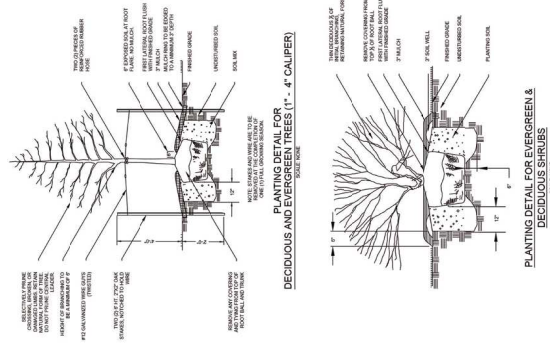
GROUND COVER:
Groundcover shall be established to a depth of 6". Apply 2" of organic material and rototill until thoroughly mixed. Apply fertilizer as stated above.

GUARANTEE AND REPLACEMENT:
All material shall be unconditionally guaranteed for two (2) years. The Contractor is responsible for watering but not for losses or damage caused by mechanical injury or vandalism.

PLANTING:
Bedding shall be done with soil mix, reasonably free of stones, toxic substances, or any other material which may be harmful to plant growth. Under grass, parking, or maintenance conditions arise, such as faulty soil drainage or chemical residue, they should be called to the attention of the Landscape Architect and Owner for adjustments before planting. The plant shall be set in a hole which is 2" larger than the root ball. The hole shall be watered. Plants will be planted higher than surrounding grade. Shrubs will be higher and trees will be 2" higher. Remove BBS material. Nylon or vinyl rope and/or burlap will be completely removed from all plant material prior to planting.

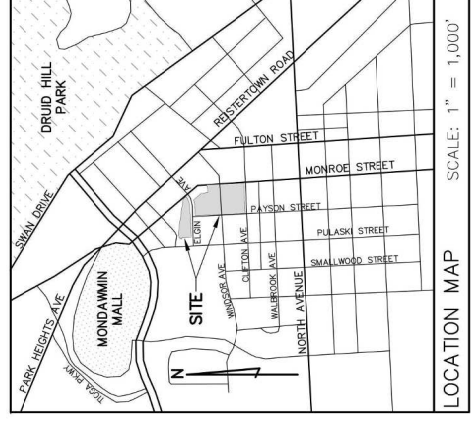
TRANSPORTING TREES BY TREE MACHINES:
Trees shall be moved by machines that provide a minimum of 6" per 1" of tree caliper. Holes are to be dug by the same size machine as the one transporting the plant. The plant material shall be presently growing, in terms of soil type and moisture content. Fertilize and guy as described in these plans and specifications.

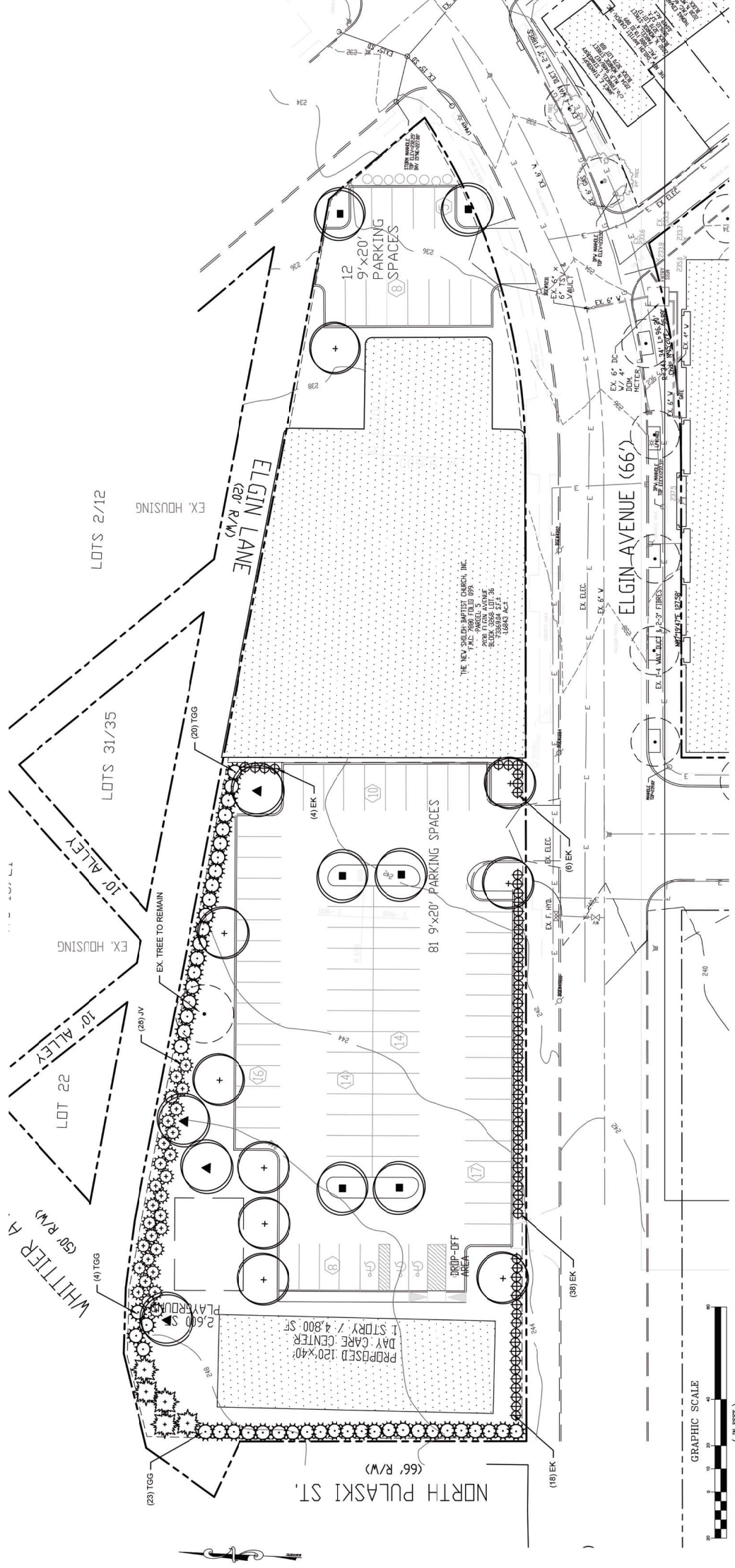
CULTIVATION:
All trenches and shrub beds shall be cultivated, edged and mulched to a depth of 3" with shredded hardwood. The area around isolated plants shall be mulched to at least 6" greater than the plant bed. Plant beds adjacent to buildings shall be mulched to the building wall.



PLANT LIST

KEY QTY	BOTANICAL NAME COMMON NAME	SIZE	CONDITION	REMARKS
3	ACER SACHARINUM LEGACY LEGACY SUGAR MAPLE	2'-2 1/2" CAL	B&B	FULL SPECIMEN
2	BETULA NIGRA COLLY HERITAGE RIVER BIRCH	6'-12" HT	B&B	FULL HEAVY SPECIMEN 3 TRUNKS
2	QUERCUS PHELLOS YELLOW OAK	2'-2 1/2" CAL	B&B	FULL SPECIMEN
9	LINUM AMERICANA PRINCETON PRINCETON AMERICAN LINUM	2'-2 1/2" CAL	B&B	FULL SPECIMEN
1	AMELIA N. ROSE CREEK ROSE CREEK AMELIA	6'-7" HT	B&B	FULL HEAVY SPECIMEN 4 STEMS
19	AMELIA N. ROSE CREEK ROSE CREEK AMELIA	15'-18" HT	#5	FULL SPACED 3' O.C. STAGGERED
87	BUXUS X. BLEND CHICKADEE GREEN BOWWOOD	98'-24" HT	#5	FULL SPACED 3' O.C. STAGGERED
21	EUCONYMUS FORTUNEI EMERALD OAKLEY EMERALD OAKLEY EUCONYMUS	15'-18" SPHD	#5	FULL SPACED 3' O.C.
40	EUCONYMUS MANITOVIDORIS MANHATTAN MANHATTAN EUCONYMUS	2'-5" HT	#5	FULL SPACED 4' O.C.
2	LEX AQUIFOLIUM MESQUICK MESQUICK LAUREL	5'-4" HT	#15	FULL SPECIMEN, MATCHED
7	LEX QUERCIFOLIA NEWBY SUPERBA RUBY SUPERBA OAKLEAF HYDRANGEA	4'-5" HT	#15	FULL SPECIMEN, MATCHED
6	HYDRANGEA QUERCIFOLIA NEWBY SUPERBA RUBY SUPERBA OAKLEAF HYDRANGEA	2'-3" HT	#5	FULL SPACED 4' O.C.
10	PRUNUS LAURICERACULUS OTTO LUYKEN DWARF CHERRY LAUREL	2'-5" HT	#5	FULL SPACED 4' O.C.
4	ROSA RADRAZ P11838 "MADONNA" ROSE	2'-5" HT	#5	FULL
18	ROSA ODO RAY P11838 "MADONNA" ROSE	18" SPHD	#5	FULL SPACED 3' O.C.
45	CALAMAGROSTE ACUTIFLORA WARE FORSTER "WARE" FOUNTAIN GRASS	---	#3	SPACED 37' O.C.
11	PERNISCUS VAREGATY "VAREGATY" FOUNTAIN GRASS	---	#3	SPACED 37' O.C.
250	LIRIOPE ARIZONICA VAREGATY "VAREGATY" LILY TURF	---	4" POTS	SPACED 12" O.C. STAGGERED
448	PACHYSANDRA TERMINALIS PACHYSANDRA	---	4" POTS	SPACED 12" O.C. STAGGERED
10	PHYTOPHYLLIS ENTHYDRODORA INDOUCEF "INDUCEF" AUTUMN FERN	---	#1	SPACED 18" O.C. STAGGERED
42	HEMEROCALLIS HARRY RETURNS "HARRY RETURNS" DAYLILY	---	#1	SPACED 15" O.C. STAGGERED
7	HOSTA PATRIOT "PATRIOT" HOSTA	---	#1	SPACED 37' O.C. STAGGERED





SPECIFICATIONS FOR PLANTING

PLANT IDENTIFICATION:
All plants shall be identified in accordance with the latest edition of *Handbook for the Identification of Trees*, by "The Staff of the Forestry".

LIST OF PLANT MATERIALS:
The contractor shall verify plant quantities prior to bidding and any substitutions shall be approved in writing by the Landscape Architect. The Contractor shall furnish and plant all plants required to complete the work as shown on the drawings. Substitutions shall not be made without the written approval of the Landscape Architect. The contractor shall verify the availability of the required plant materials as specified on the Plant List.

PLANT QUANTITY:
All shrubs shall be dense, heavy to the ground, and well grown, showing evidence of having been sheared regularly, and sound, free of plant disease or insect eggs, and shall have a healthy, well-developed root system. The shape of the plant shall in general conform to its natural growth proportions unless otherwise specified. All plants requiring staking shall be grown in accordance with the specifications. Evergreen trees shall have a well-shaped, heavy branch structure for the species. Evergreen trees are to have an intermediate no greater than 2" and all be uniformly well-developed. Palms shall average at least the inside of the range given in the plant list.

PLANT SPACING:
Plant spacing is to scale on the plan or as shown on the plant list.

SOIL MIX:
Soil mix will be 7% existing soil and 3/4 LEAFGRO or equal organic material, thoroughly mixed and homogenized.

BALL SIZE:
The ball size shall conform to the American Association of Nurserymen's publication entitled American Standard For Nursery Stock, A109 200-1, latest edition.

EXCAVATION:
Holes for all plants shall be 10" larger in diameter than size of ball in a trench 12" wider than ball diameter. Backs for mass planting shall be entirely mobilized to a depth of 8" and shall be 10" beyond the average size of plant balls. A 2" layer of organic material (LEAFGRO) will be incorporated into plant beds by tilling again.

PLANTING:
Bedding shall be done with soil mix, reasonably free of stones, subsoil, clay, lumps, stumps, roots, weeds, Bermuda grass, litter, toxic substances, or any other material which may be harmful to plant growth. Soil shall be moist, and maintenance conditions arise, such as faulty soil drainage or chemical residue, they should be called to the attention of the Landscape Architect and Owner for adjustments before planting. The plant shall be set in the hole and the soil shall be worked about the roots and settled. Bedfill shall be well worked about the roots and settled by watering. Plants will be planted higher than surrounding grade. Shrubs will be higher and trees will be 2" higher. Remove BBS material. Nylon or vinyl rope and/or burlap will be completely removed from all plant material prior to planting.

TRANSPLANTING TREES BY TREE MACHINES:
Trees shall be moved by machines that provide a minimum of 9" per 1" of tree caliper. Holes are to be dug by the same size machine as the one transporting the plant. The plant material shall be presently growing, in terms of soil type and moisture content. Fertilize and guy as described in these plans and specifications.

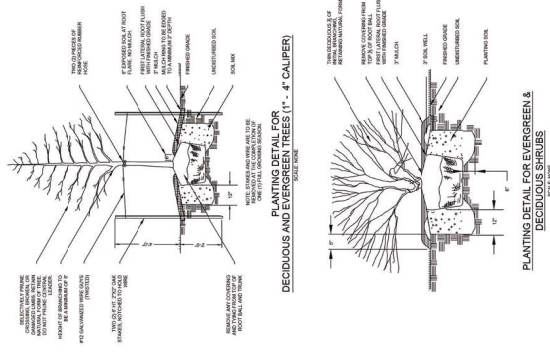
CULTIVATION:
All trenches and shrub beds shall be cultivated, edged and mulched to a depth of 3" with shredded hardwood. The area around isolated plants shall be mulched to at least 6" greater than adjacent beds adjacent to buildings. Fertilize and guy as described in these plans and specifications. All plants shall be cultivated, edged and mulched to a depth of 3" with shredded hardwood. The area around isolated plants shall be mulched to at least 6" greater than adjacent beds adjacent to buildings. Fertilize and guy as described in these plans and specifications.

MANTENANCE:
The Contractor shall be responsible during the contract and up to the time of acceptance for keeping the planting and work incidental thereto in good condition, by replanting, plant replacement, watering, weeding, cultivating, pruning and spraying, operations of care for promotion of good plant growth so that all work is in satisfactory condition at time of acceptance, at no additional cost to the Owner.

FERTILIZER:
The Contractor shall apply granular fertilizer to the soil mix with 10-4-4 analysis, 50% organic based @ 3.5 lbs per 100 sq.ft.; and Groundcover Beds @ 2.3 lbs per 100 sq.ft.

GROUND COVER:
Groundcover shall be established to a depth of 6". Apply 2" of organic material and rebait until thoroughly moist. Apply fertilizer as stated above.

GUARANTEE AND REPLACEMENT:
All material shall be unconditionally guaranteed for two (2) years. The Contractor is responsible for watering but not for losses or damage caused by mechanical injury or vandalism.



PLANT LIST

KEY	QTY	BOTANICAL NAME COMMON NAME	SIZE	CONDITION	REMARKS
6	PLANTING	BLOODGOOD LONGING PLANE TREE	2-1/2 CAL	B&B	FULL SPECIMEN
4	GROUND COVER	WILLOW OAK	2-1/2 CAL	B&B	FULL SPECIMEN
9	PLANTING	PRINCETON AMERICAN ELM	2-1/2 CAL	B&B	FULL SPECIMEN
68	PLANTING	MANHATTAN EONITIES	2-3 FT	#6	FULL SPACED 6 O.C.
28	PLANTING	GRANT OAK JUMPER	18-24" SPD	#5	FALL SPACED 9 O.C. STAGGERED
5	PLANTING	INDIAN SPRUCE	5-8 FT	B&B	FALL SPACED 10-12 O.C.
100	PLANTING	THUNDER QUANT ANCONITAE	4-5 FT	B&B	FALL SPACED 6 O.C. STAGGERED

