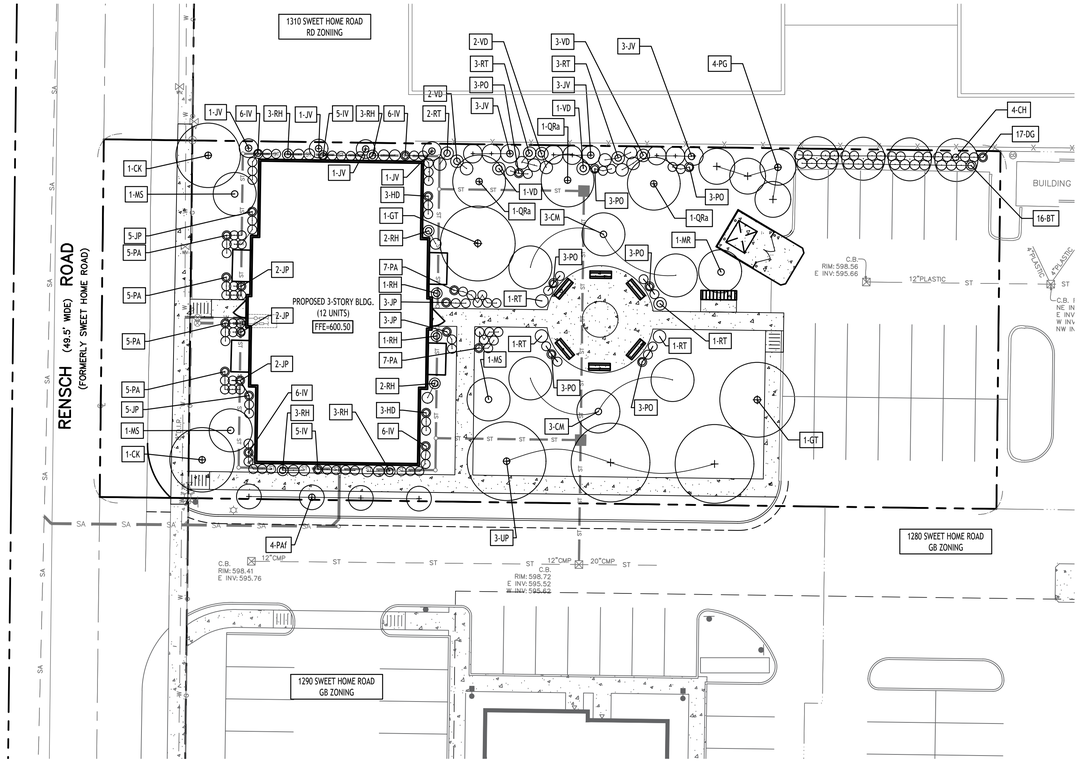
All Rights Reserved. Reuse of these documents without the expressed written permission of CARMINAWOOD DESIGN is prohibited. WARNING it is a violation of article 145 section 7209 subd. 2 of the New York State education law for persons not licensed by the profession to alter this drawing. If altered such R.A., P.E. or L.S. shall affix his or her seal, signature, the date,the notation 'Altered by' and a specific description of the alteration.

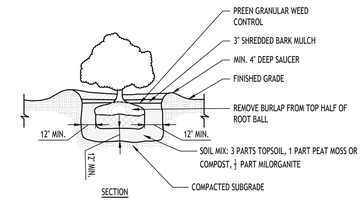
© CARMINA WOOD DESIGN



N

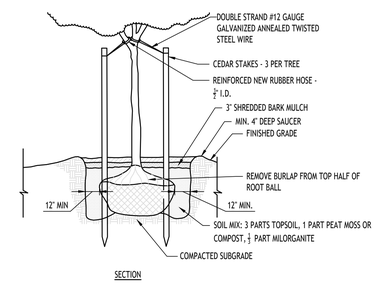
LANDSCAPE PLAN

SCALE: 1"=20'



SHRUB PLANTING DETAIL

NOT TO SCALE



TREE PLANTING DETAIL

NOT TO SCALE

PLANTING SCHEDULE - PROP. MULTI-FAMILY DEVELOPMENT, 3945 RENSCH ROAD, TOWN OF AMHERST, NEW YORK

KEY	QTY.	BOTANICAL NAME	COMMON NAME	MIN. SIZE	REMARKS
		DECIDUOUS TREES			
QRa	3	QUERCUS RUBRA X ALBA – JFS–KW1QX	SWEETSPIRE OAK	2–1/2" – 3" CAL.	B&B; HEIGHT TO 45', WIDTH TO 35'
CK	2	CORNUS KOUSA	WHITE KOUSA DOGWOOD	2–1/2" – 3" CAL.	B&B; HEIGHT TO 35', WIDTH TO 20'
UP	3	ULMUS PROPINQUA	EMERALD SUNSHINE ELM	2"–1/2 – 3" CAL.	B&B; HEIGHT TO 35', WIDTH TO 20'
GT	2	GLEDITSIA TRIACANTHOS INERMIS "DRAVES"	STREETKEEPER HONEYLOCUST	2"–1/2 – 3" CAL.	B&B; HEIGHT TO 35', WIDTH TO 20'
		EVERGREEN TREES			
PG	4	PICEA GLAUCA	WHITE SPRUCE	5'–6' HIGH	B&B: FULL TO GROUND
PAf	4	PICEA ABIES "Cupressina"	COLUMNAR NORWAY SPRUCE	5' – 6' MIN. HT.	B&B, FULL TO GROUND
JV	13	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	5' – 6' MIN. HT.	B&B, FULL TO GROUND
		SMALL DECIDUOUS/ORNAMENTAL TREES			
CH	4	CRATAEGUS CRUS–GALI "CRUZAM"	CRUSADER HAWTHORN	1–3/4" – 2" CAL.	B&B; HEIGHT TO 12', WIDTH TO 12'
CM	6	CERCIS CANADENSIS "MERLOT"	MERLOT EASTERN REDBUD	1–3/4" – 2" CAL.	B&B; HEIGHT TO 12', WIDTH TO 12'
MS	3	MAGNOLIA STELLATA "ROYAL RAINDROPS"	ROYAL STAR MAGNOLIA	1–3/4" – 2" CAL.	B&B; HEIGHT TO 15', WIDTH TO 10'
MR	1	MALUS "ROYAL RAINDROPS"	ROYAL RAINDROPS FLOWERING CRABAPPLE	1–3/4" – 2" CAL.	B&B; HEIGHT TO 20', WIDTH TO 15'
		SHRUBS			
BT	16	BERBERIS THUNBERGII "UCONNBTB048"	WORRYFREE LEMON GLOW BARBERRY	24" HT MIN., NO. 2 CONT.	HT. TO 2–1/2', WIDTH TO 3' (NON INVASIVE)
DG	17	DIERVILLA "G2X88544"	KODIAK ORANGE DIERVILLA	24" HT MIN., NO. 3 CONT.	B&B; HEIGHT TO 4', WIDTH TO 4'
IV	34	ITEA VIRGINICA "SMNIVDFC"	SCENTLANDIA SWEETSPIRE	24" HT MIN., NO. 3 CONT.	B&B; HEIGHT TO 3', WIDTH TO 3'
JP	20	JUNIPERUS X PFITZERIANA " SAYBROOK GOLD"	SAYBROOK GOLD JUNIPER	24" HT MIN., NO. 3 CONT.	B&B; HEIGHT TO 5', WIDTH TO 5'
PO	21	PHYSOCARPUS OPULIFOLIUS "SMNPOTWG"	TINY WINE GOLD NINEBARK	24" HT MIN., NO. 3 CONT.	B&B; HEIGHT TO 4', WIDTH TO 4'
RH	18	RHODODENDRON "PJM"	PJM RHODODENDRON	24" HT MIN., NO. 5 CONT.	B&B; HEIGHT TO 6', WIDTH TO 6'
RT	12	RHUS TYPHINA " BAILTIGER"	PJM RHODODENDRON	24" HT MIN.	B&B; HEIGHT TO 6', WIDTH TO 6'
VD	9	VIBURNUM DENTATUM	ARROWWOOD VIBURNNUM	24" HT MIN.	B&B; HEIGHT TO 10', WIDTH TO 10'
		PERENNIALS/ORNAMENTAL GRASSES/VINES			
HD	6	HOSTA "DANCING QUEEN"	DANCING QUEEN HOSTA	NO. 2 CONT.	YELLOW FOLIAGE, SHADE TOLERANT
PA	34	PENNISETUM ALOPICUROIDES "HAMELN"	DWARF FOUNTAIN GRASS	NO. 2 CONT.	B&B; HEIGHT TO 3'

NOTES:

1. ALL PLANTING BEDS & TREE PITS SHALL RECEIVE A MIN. 3-INCH DEPTH OF DARK SHREDDED HARDWOOD BARK MULCH, UNLESS OTHERWISE CALLED OUT ON PLANS.
2. ALL PLANT MATERIALS SHALL BE INSPECTED TWICE ANNUALLY, ONCE IN THE SPRING AND AGAIN IN THE FALL. TREES & SHRUBS THAT ARE DEAD OR ARE IN POOR CONDITION/DISEASED (LESS THAN 50% LEAF COVER) SHALL BE REPLACED BEFORE THE NEXT GROWING SEASON. TREES AND SHRUBS THAT DO NOT EXHIBIT THE CONDITIONS FOR REPLACEMENT SHALL BE PRUNED AT THE TIME OF INSPECTION TO REMOVE DEAD TWIGS & BRANCHES.
3. ALL NURSERY TAGS TO REMAIN ON PLANTS UNTIL AFTER FINAL INSPECTION AND APPROVAL OF THE LANDSCAPING.
4. A DRIP IRRIGATION SYSTEM IS RECOMMENDED FOR ALL PLANTINGS. SOAKER HOSES ARE RECOMMENDED AT THE TIME OF INSTALLATION OF ALL PLANT MATERIALS AND SHOULD BE UTILIZED THROUGHOUT THE ENTIRE LENGTH OF THE FIRST FULL GROWING SEASON.

* ORNAMENTAL GRASSES SHOULD BE PRUNED BACK IN LATE FALL OR EARLY SPRING TO ALLOW NEW FOLIAGE TO GROW IN SPRING.

PLANTING NOTES:

1. ALL INTERIOR LANDSCAPED AREAS SHALL HAVE A MINIMUM PLANTING SOIL DEPTH OF THREE (3) FEET AND BE FREE FROM ALL FORMS OF CONSTRUCTION DEBRIS AND FOREIGN MATERIAL.
2. ALL TREE PIT SAUCERS, SHRUB BEDS, ORNAMENTAL GRASS BEDS, AND PERENNIAL FLOWER BEDS SHALL RECEIVE THREE (3) INCHES DEPTH OF DARK SHREDDED HARDWOOD BARK MULCH.
3. ALL SEASONAL FLOWER BEDS SHALL BE A MINIMUM OF TWELVE (12) INCHES DEEP WITH A WELL-BLENDED MIXTURE OF 50% PEAT MOSS & 50% SCREENED TOPSOIL. NO MULCH SHALL BE INSTALLED IN THE SEASONAL FLOWER BEDS.
4. ALL DECIDUOUS AND EVERGREEN TREES SHALL BE STAKED WITH THREE (3) TREE STAKES AS PER TREE PLANTING DETAIL.

LANDSCAPE NOTES:

1. ALL PLANTINGS INSTALLED SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS AS NOTED ON THE PLANS AND IN THE LATEST EDITION ON THE AMERICAN STANDARD FOR NURSERY STOCK, BY THE AMERICAN ASSOCIATION OF NURSERYMEN, ANSI 260.1.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN QUANTITY TAKEOFF, THE QUANTITIES SHOWN ARE A MINIMUM AND ARE FOR REFERENCE ONLY.
3. CONTRACTOR SHALL PERFORM A ROUGH FIELD STAKEOUT OF ALL PLANTING LOCATIONS AND CONTACT THE OWNERS FIELD REPRESENTATIVE PRIOR TO INSTALLATION. THE PLANTING LOCATIONS SHOWN ON THE PLANS ARE TO CONVEY THE DESIGN INTENT ONLY, ACTUAL LOCATIONS WILL BE FINALIZED BY THE OWNERS FIELD REPRESENTATIVE AT THE TIME OF INSTALLATION.
4. STREET TREE PLANTINGS ARE SHOWN TO BE INSTALLED 2 FEET OUTSIDE THE RIGHT-OF-WAY PER THE TOWN'S LANDSCAPE COMMITTEE. IF ANY RESIDENT REMOVES A PREVIOUSLY INSTALLED STREET TREE FROM THEIR PROPERTY THEREAFTER, THE TOWN OF AMHERST SHALL ENFORCE THE RESIDENT TO REPLACE THE TREE ON THEIR PROPERTY AT A RATIO OF 2:1 PER TOWN OF AMHERST REGULATIONS. THE LOCATIONS AND SPECIES SHALL BE COORDINATED WITH THE TOWN OF AMHERST AND THE RESIDENT.
5. CONTRACTOR IS HEREBY NOTIFIED THAT IF UNDERGROUND UTILITIES EXIST IN THE VICINITY OF THE PLANTINGS, ALL PROPOSED PLANTINGS SHALL BE INSTALLED A MINIMUM OF 5' FROM ANY UNDERGROUND UTILITY, CONTACT THE OWNERS FIELD REPRESENTATIVE IF PLANTINGS SHOWN ON THE PLANS VIOLATE THIS SITUATION.
6. ALL TREES SHALL BE INSTALLED A MINIMUM OF 20' FROM ANY OVERHEAD ELECTRIC LINES.
7. PLANTING BACKFILL MIXTURE SHALL CONSIST OF 3 PARTS TOPSOIL, 1 PART PEAT MOSS, ½ PART MILORGANITE.
8. STAKE TREES IMMEDIATELY FOLLOWING INSTALLATION.
9. ALL DISTURBED AREAS NOT RECEIVING PLANTINGS (INCLUDING RIGHT-OF-WAYS) SHALL BE SEEDED.
10. THE AREAS ON THE PLAN TO BE SEEDED SHALL HAVE 4" MINIMUM OF TOPSOIL, DISK PLOWED, LEVELED AND HAND RAKED SMOOTH. SURFACE SHALL BE ROLLED TO REMOVE LUMPS.
11. ALL SEEDED AREAS SHALL BE HYDROSEEDED IN ACCORDANCE WITH THE SPECIFICATION INDICATED. WHERE REQUIRED BY CLIMATIC CONDITIONS, SLOPE OR SEASON OF PLANTING, SOD MAY BE SUBSTITUTED FOR SEEDING IN ORDER TO ACHIEVE THE REQUIRED COVERAGE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING, MOWING AND OTHER MAINTENANCE TO SEEDED AREAS UNTIL THE PROJECT IS ACCEPTED BY THE OWNER, THIS SHALL INCLUDE WATERING DAILY FOR 15 DAYS OR AS REQUIRED BY WEATHER CONDITIONS AND RE-SEEDING OF THIN SPOTS FOLLOWING THE GERMINATION OF THE SEEDS.
13. AQUATIC AREAS OF THE STORMWATER MANAGEMENT AREA SHALL BE STABILIZED BY THE FOLLOWING; COONTAIL, DUCKWEED, OR WILD CELERY AS PER TABLE H.5 OF THE NYSDEC STORMWATER DESIGN MANUAL.

HYDROSEEDING NOTES:

PERMANENT HYDROSEED STABILIZATION (SLOPES <= 3H:1V)

PROVIDE THE FOLLOWING VARIETIES MIXED IN PROPORTIONS BY WEIGHT SHOWN:

	% OF WEIGHT	% OF PURITY	% GERM.
REBEL JR. "TURF TYPE" TALL FESCUE	60	95	85
SALTY ALKALIGRASS	30	95	85
RELIANT HARD FESCUE	10	95	80

FERTILIZER: PROVIDE FERTILIZER WHICH IS COMPLETE AND AT LEAST 50% OF THE TOTAL NITROGEN IS DERIVED FROM UREAFORM. THE BALANCE OF NITROGEN SHALL BE PRESENT AS METHYLENE UREA, WATER SOLUBLE UREA, NITRATE AND AMMONAICAL COMPOUNDS. THE FERTILIZER SHALL HAVE THE FOLLOWING ANALYSIS:

10% NITROGEN
6% PHOSPHORUS
4% POTASH

MULCH: HYDRO-MULCH SHALL BE CONWED HYDROMULCH OR CONWED HYDROMULCH 2000 FIBER (WITH TACK), OR APPROVED EQUAL. ALL SLURRY APPLICATIONS FOR SEEDING WITH CELLULOSE TACKIFIER MUST BE ACCOMPANIED BY A STRAW MULCH BINDER AT THE RATE OF 3 TONS PER ACRE.

PERMANENT HYDROSEED RATES ARE AS FOLLOWS:

SEED, FERTILIZER, HYDROMULCH, WATER AND INOCULATE SHALL BE THOROUGHLY MIXED IN THE HYDROSEEDING MIXING TANK PRIOR TO APPLICATION.

PERMANENT LAWN AREA (<= 3H:1V SLOPE): APPLICATION RATES ARE AS FOLLOWS:

SEED	200 POUNDS PER ACRE
FERTILIZER	1000 POUNDS PER ACRE
LIMING RATE	1 TON PER ACRE
HYDROMULCH	1200 POUNDS PER ACRE
WATER	500 GALLONS PER ACRE MIN.
INOCULATE	4 TIMES MANUFACTURERS RECOMMENDED RATE

IF MULCHING IS NOT APPLIED WITH HYDROSEED MIXTURE, APPROVED MULCHING CONSISTING OF HYDROMULCH FIBER OR STRAW SHALL BE SPREAD EVENLY AT THE RATE OF 3 TONS PER ACRE. MULCH IS TO BE TACKED INTO PLACE.

SEEDING SEASON DATES: APRIL 1 - JUNE 15 OR AUGUST 16 - OCTOBER 15

TOWN OF AMHERST APPROVAL BOX:

NOTE: BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY OTHERS, CARMINA WOOD DESIGN ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

20' 20 0 20 40Ft.

CARMINAWOOD DESIGN
487 Main Street, Suite 500
Buffalo, New York 14203
Phone: (716) 842-3165
111 Bain Street, Suite 332
Greensboro, North Carolina 27406
Phone: (336) 937-9009

Multi-family Development

3945 Rensch Road
Amherst, New York

REVISIONS:

No.	Description	Date
1	Rev. per Town comments	10/17/23
2	Rev. per Town comments	11/20/23
3	Alternate Site Design	12/11/23
4	Rev. per Town Comments	1/30/24

ROBERT C. WALTER
Registered Landscape Architect
MEMBER AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS
2765 DODGE ROAD, EAST AMHERST N.Y. 14051
PHONE: (716) 364-5564

DRAWING NAME:
Landscape Plan

Date: 04.04.23
Drawn By: C. Wood
Scale: As Noted

DRAWING NO.
L-100

Project No: 22.238