

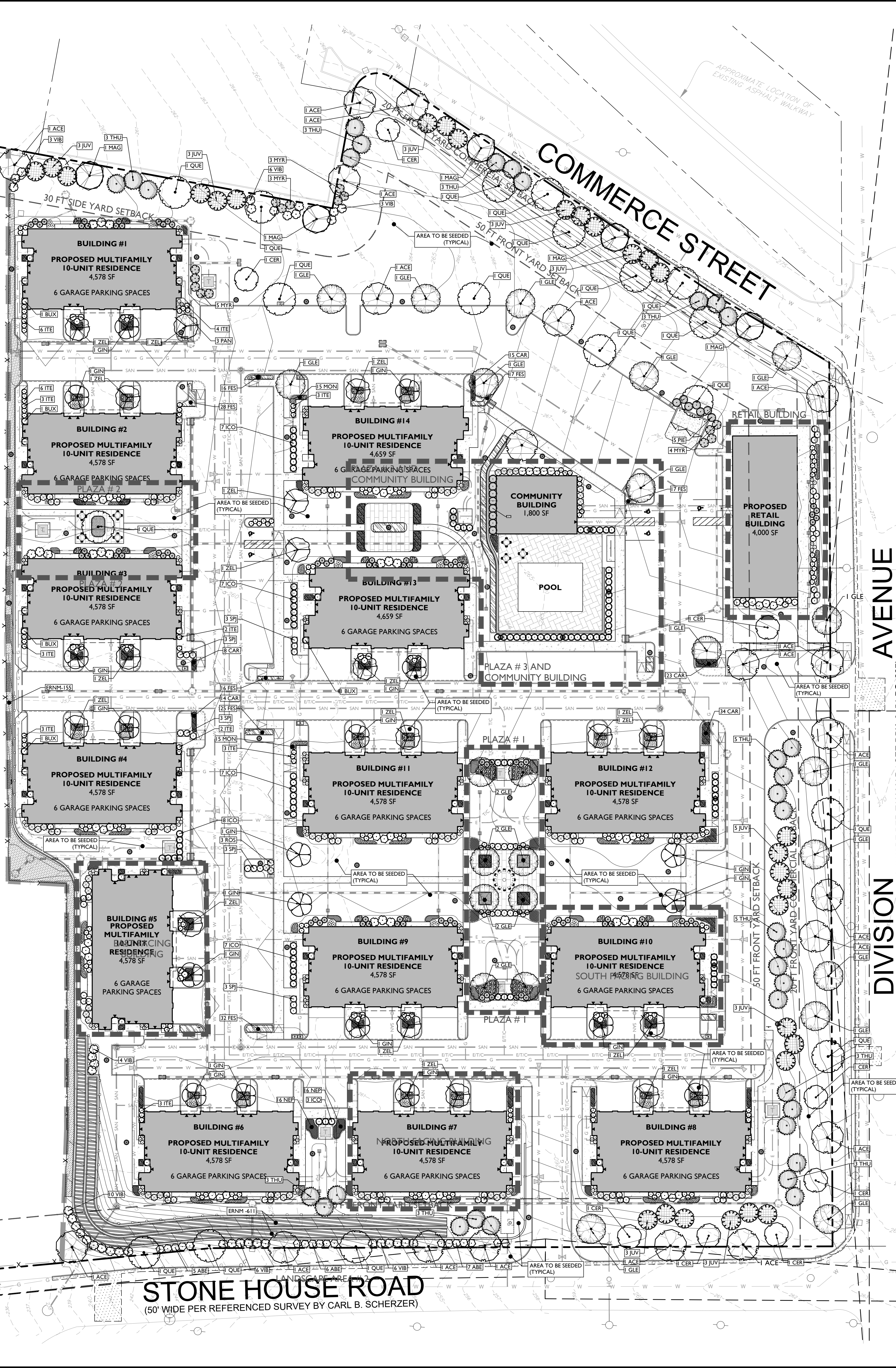
**SITE IDENTIFICATION MAP**  
SCALE: 1" = 100'

PLANT SCHEDULE						
CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	
ACE	30	ACIR RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MARLE	3" - 3" CAL	B&B	
CER	8	CERIS CANADENSIS	EASTERN REDBUD MULTI-TRUNK	3" - 3" CAL	B&B	
GIN	18	GINCKGO BELBA 'PRINCETON SENTY'	PRINCETON SENTY GINKGO	3" - 3" CAL	B&B	
GLE	34	GLEDTSA TRICANTONIS NERMS 'SHADEMASTER'	SHADEMASTER LOCUST	3" - 3" CAL	B&B	
QUE	18	QUERCUS PHELLOS	WILLOW OAK	3" - 3" CAL	B&B	
ZEL	17	ZELKOVA SERATA 'HUSASHINO'	SAWLEAF ZELKOVA	2.5" - 3" CAL	B&B	
JCS	8	JUNIPERUS CHINENSIS 'SPARTAN'	SPARTAN JUNIPER	5' - 6' HT	B&B	
JUV	39	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	8' - 10' HT	B&B	
MAG	5	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	3" - 3" CAL	B&B	
THJ	34	THAJA OCCIDENTALIS 'GREEN GIANT'	GREEN GIANT ARBORVITAE	8' - 10' HT	B&B	
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
ARE	55	ABELIA X GRANDIFLORA 'EDWARD GOUCHER'	GLOSSY ABELIA	18" - 24"	POT	
ICO	100	ILEX GLABRA 'COMPACTA'	COMPACT HENBERRY	18" - 24"	POT	
ILV	80	ILEX VERTICILLATA 'RED SPIRIT'	RED SPIRIT WINTERBERRY	18" - 24"	POT	
ITE	180	ITEA VIRGINICA 'LITTLE HENRY'	VIRGINIA SWEETSPRE	18" - 24"	POT	
ROS	44	ROSA X 'DOUBLE KNOCKOUT'	ROSE	3 GAL.	POT	
SP	105	SPIRAEA JAPONICA 'GOLDMOUND'	GOLDMOUND SPIREA	18" - 24"	POT	
VIB	56	VIBURNUM DENTATUM	VIBURNUM	18" - 24"	POT	
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
BLX	48	BUXUS SEPIUMVIBENS X SINICA 'GREEN MOUNTAIN'	GREEN MOUNTAIN BOXWOOD	18" - 24"	POT	
MYR	15	MYRTICA PENSYLVANICA	NORTHERN BAYBERRY	18" - 24"	POT	
PE	7	PERIS JAPONICA 'MOUNTAIN FIRE'	MOUNTAIN FIRE PERIS	18" - 24"	POT	
PP	55	PERIS JAPONICA 'PRELUDE'	PRELUDE LILY OF THE VALLEY SHRUB	15" - 18"	POT	
GRASSES	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
PAN	156	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS	2 GAL.	POT	
SPRING	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
CP	14	CERPHALOTAXUS HARRINGTONIA 'PROSTRATA'	PROSTRATE PLUM YEW	15" - 18"	POT	
REPTILES AND GRASSES	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
AJU	444	AJUGA REPTANS 'CHOCOLATE CHIP'	CHOCOLATE CHIP BUGLEWEED	FLAT	PLUG	
AST	136	ASTER NOVIBELGII 'WOOD'S PURPLE'	WOOD'S PURPLE NEW YORK ASTER	1 GAL.	POT	
CAR	495	CAREX X 'ICE DANCE'	ICE DANCE SEDGE	1 GAL.	POT	
FES	437	FESTUCA GLAUCA 'BEYOND BLUE'	BEYOND BLUE RESCUE	1 GAL.	POT	
MON	361	MONARDA DIDYMA 'PETITE DELIGHT'	PETITE DELIGHT BEE BALM	1 GAL.	POT	
NEP	198	NEPETA X FRAASSENI 'WALKERS LOW'	WALKERS LOW CATPAW	1 GAL.	POT	
SAL	90	SALVIA X SYLVESTRIS 'MAY NIGHT'	MAY NIGHT SAGE	1 GAL.	POT	
ERNM-152	SEE SEEDING SPECIFICATIONS	ERNST DEER RESISTANT HEADWAX MIX	ERNM-152	SEED	BAG	
ERNM-411	SEE SEEDING SPECIFICATIONS	ERNST DEER RESISTANT HEADWAX MIX	ERNM-411	SEED	BAG	

**ERNST SEED CO. DEER RESISTANT MIX SEEDING SPECIFICATIONS (ERNST MIX-155):**

SCHIZACHYRIUM SCOPARIUM, 'CAMPER'	LITTLE BLUESTEM, 'CAMPER'	54.3%
ELYMUS VIRGINICUS	VIRGINIA WILDRYE	20%
ECHINACEA PURPUREA	PURPLE CONEFLOWER	5.5%
CHAMAECRISTA FASCICULATA	PART RIDGE PEA	3%
COREOPSIS LANCEOLATA	LANCELEAF COREOPSIS	3%
RUDBECKIA HIRTA	BLACKEYED SUSAN	3%
HELIOPSIS HELIANTHOIDES	OXEYE SUNFLOWER	2%
LIATRIS SPICATA	MARSH BLAZING STAR	1.3%
SENA HEBECARRIA	WILD SENNA	1%
TRADESCANTIA OHIENSIS	OHIO SPIDERWORT	1%
ZIZIA AUREA	GOLDEN ALEXANDERS	1%
ASTER OBLONGIFOLIUS	AROMATIC ASTER	0.8%
ASTER PRENANTHOIDES	ZIGZAG ASTER	0.8%
PHYCANTHEMUM TENUIFOLIUM	NARROWLEAF MOUNTAINMINT	0.7%
ASCLEPIAS TUBEROSA	BUTTERFLY MILKWEED	0.5%
BAPTISIA AUSTRALIS	BLUE FALSE INDIGO	0.5%
PENSTEMON DIGITALIS	TALL WHITE BEARDTONGUE	0.5%
MONARDA FISTULOSA	WILD BERGAMOT	0.4%
EUPATORIUM COELESTINUM	MISTFLOWER	0.4%
SOLIDAGO NEMORALIS	GRAY GOLDENROD	0.2%
GELUM CANADENSE	WHITE AVENS	0.2%
OENOTHERA FRUITICOSA	SUNDRIPS	0.2%
SOLIDAGO ODORA	LICORICE SCENTED GOLDENROD	0.1%

1. SOW ABOVE MIX AT A RATE OF 20 LBS./ACRE  
2. SUPPLEMENT ABOVE MIX WITH ANNUAL RYE AT A RATE OF 10 LBS./ACRE.  
3. MOW SEEDING AREA ONCE PER YEAR.  
MOWING SHALL TAKE PLACE IN EARLY SPRING ONLY.



**ERNST SEED CO. NORTHEAST SOLAR POLLINATOR SEEDING SPECIFICATIONS (ERNST MIX-611):**

BOITELOUA CURTIPENDULA	35%
SCHIZACHYRIUM SCOPARIUM	35%
PANICUM SPHAEROCARPON	10%
ASCLEPIAS TUBEROSA	4%
CHAMAECRISTA FASCICULATA	4%
COREOPSIS LANCEOLATA	4%
RUDBECKIA HIRTA	4%
PHYCANTHEMUM TENUIFOLIUM	4%
ASTER OBLONGIFOLIUS	4%
ASTER PRENANTHOIDES	4%
ZIZIA AUREA	1%
ASTER OBLONGIFOLIUS	1%
ASTER PRENANTHOIDES	1%
PENSTEMON HIRSUTUS	1%
TRADESCANTIA OHIENSIS	1%
ZIZIA AUREA	1%
PENSTEMON DIGITALIS	1%
EUPATORIUM COELESTINUM	1%
OENOTHERA FRUITICOSA	1%
RUDBECKIA FULVIDA	1%
SOLIDAGO NEMORALIS	1%
SIDEOTS GAMA	1%
LITTLE BLUESTEM	1%
ROUNDSEED PANICGRASS	1%
BUTTERFLY MILKWEED	1%
PARTRIDGE PEA	1%
LANCELEAF COREOPSIS	1%
BLACKEYED SUSAN	1%
NARROWLEAF MOUNTAINMINT	1%
AROMATIC ASTER	1%
ZIGZAG ASTER	1%
GOLDEN ALEXANDERS	1%
AROMATIC ASTER	1%
ZIGZAG ASTER	1%
HAIRY BEARDTONGUE	1%
OHIO SPIDERWORT	1%
GOLDEN ALEXANDERS	1%
TALL WHITE BEARDTONGUE	1%
MISTFLOWER	1%
SUNDRIPS	1%
ORANGE CONEFLOWER	1%
GRAY GOLDENROD	1%

1. SOW ABOVE MIX AT A RATE OF 20 LBS./ACRE  
2. SUPPLEMENT ABOVE MIX WITH GRAIN OATS AT A RATE OF 30 LBS./ACRE.  
3. MOW SEEDING AREA ONCE PER YEAR.  
MOWING SHALL TAKE PLACE IN EARLY SPRING ONLY.

**LANDSCAPING AND BUFFER REQUIREMENTS**

CODE SECTION	REQUIRED	PROPOSED
§ 153.1.B LANDSCAPING	SHADE TREES SHALL BE PLANTED ON ALL SITES AT A RATE OF NOT LESS THAN TEN (10) TREES PER ACRE. (11.9 ACRES AT 10 TREES/ACRE = 119 REQUIRED TREES)	110 PROPOSED TREES (W)
§ 153.1.G.2 LANDSCAPING	PARKING LOTS SHALL PROVIDE ONE (1) SHADE TREE FOR EACH TEN (10) PARKING STALLS. (281 PARKING SPACES/10 = 29 REQUIRED TREES)	COMPLIES
§ 153.1.B.4 LANDSCAPING	TREE PLANTING REQUIREMENTS (BUFFER AREA PLANTINGS DO NOT COUNT) (148 TREES REQUIRED BY ORDINANCE) (20 PERCENT OF THE TREES TO BE FROM GROUP A. (30 PERCENT TO BE SELECTED FROM EACH OF GROUP B AND GROUP C. (GROUP A TREES: 20% * 148 TREES = 30 REQUIRED TREES) (GROUP B TREES: 30% * 148 TREES = 44 REQUIRED TREES) (GROUP C TREES: 30% * 148 TREES = 44 REQUIRED TREES) (OTHER TREES: 20% * 148 TREES = 30 REQUIRED TREES)	110 PROPOSED TREES (W) GROUP A TREES: 8 PROPOSED GROUP B TREES: 59 PROPOSED GROUP C TREES: 38 PROPOSED OTHER TREES: 5 PROPOSED
§ 153.1.C.1 LANDSCAPING	ALL TREES SHALL PROVIDE A THREE (3) TO THREE AND ONE-HALF (3-1/2) INCH CALIPER. FIVE (5) PERCENT OF THE INTERIOR PORTION OF SAID PARKING AREAS, EXCLUDING ALL PERIMETER LANDSCAPING AND REQUIRED BUFFER AREAS, SHALL BE LANDSCAPED AND NO MORE THAN FIFTEEN (15) PARKING STALLS SHALL EXIST IN A CONTIGUOUS ROW WITHOUT A LANDSCAPING BREAK. (70,418 SF OF INTERIOR PARKING AREA * 5% = 4,521 SF REQUIRED LANDSCAPE AREA)	COMPLIES 3,562 SF INTERIOR LANDSCAPE AREA
§ 153.1.G.5 LANDSCAPING	EVERGREEN PLANTINGS SHALL BE REQUIRED TO SCREEN PARKING AREAS FROM ADJACENT PROPERTIES RIGHTS-OF-WAY AND ALL RESIDENTIAL PROPERTY. (12 CONTIGUOUS PROPOSED PARKING STALLS)	COMPLIES
§ 153.1.F LANDSCAPING	NO FENCE, WALL OR HEDGE SHALL BE ERRECTED OR ALTERED SO THAT SAID FENCE, WALL OR HEDGE SHALL BE OVER FOUR (4) FEET IN HEIGHT IN FRONT YARD AREAS AND EIGHT (8) FEET IN HEIGHT IN SIDE AND REAR YARD AREAS. LIVING HEDGES MAY GROW TO AN UNLIMITED HEIGHT IN SIDE AND REAR YARD AREAS PROVIDED NO PORTION OF THE HEDGE SHALL BE PERMITTED TO ENDOACH ON ADJACENT PROPERTY LINES.	COMPLIES
§ 156.1.B BUFFERING	BUFFERING SHALL PROVIDE A YEAR-ROUND VISUAL SCREEN.	COMPLIES
§ 156.1.C.1 BUFFERING	WHERE A NONRESIDENTIAL USE ADJUTS A RESIDENTIAL ZONE OR USE OR IS LOCATED ACROSS A STREET FROM SUCH A ZONE OR USE A BUFFER STRIP OF A WIDTH SPECIFIED IN THE SCHEDULE OF BULK REQUIREMENTS SHALL BE PROVIDED.	COMPLIES
§ 156.1.C.2 BUFFERING	PARKING LOTS, TRASH STORAGE AND UTILITY AREAS, AND LOADING AND UNLOADING AREAS SHOULD BE SCREENED AROUND THEIR PERIMETERS BY A BUFFER STRIP A MINIMUM OF FIVE (5) FEET IN WIDTH.	COMPLIES
§ 156.1.C.2 BUFFERING	EVERGREEN PLANT MATERIALS IN BERMS SHALL BE AT LEAST EIGHT (8) FEET IN HEIGHT AT PLANTING.	COMPLIES

**IRRIGATION NOTE:**

IRRIGATION CONTRACTOR TO PROVIDE A DESIGN FOR AN IRRIGATION SYSTEM SEPARATING PLANTING BEDS FROM LAWN AREA. PRIOR TO CONSTRUCTION, DESIGN IS TO BE SUBMITTED TO THE PROJECT LANDSCAPE DESIGNER FOR REVIEW AND APPROVAL. WHERE POSSIBLE, DRIP IRRIGATION AND OTHER WATER CONSERVATION TECHNIQUES SUCH AS RAIN SENSORS SHALL BE IMPLEMENTED. CONTRACTOR TO VERIFY MAXIMUM ON SITE DYNAMIC WATER PRESSURE AVAILABLE MEASURED IN PSI. PRESSURE REDUCING DEVICES OR BOOSTER PUMPS SHALL BE PROVIDED TO MEET SYSTEM PRESSURE REQUIREMENTS. DESIGNER TO SHOW ALL VALVES, PIPING, HEADS, BACKFLOW PREVENTION, METERS, CONTROLLERS, AND SLEEVES WITHIN HARDSCAPE AREAS.

**LANDSCAPING NOTES**

- THE CONTRACTOR SHALL RESTORE ALL DISTURBED GRASS AND LANDSCAPED AREAS TO MATCH EXISTING CONDITIONS UNLESS INDICATED OTHERWISE WITHIN THE PLAN SET.
- THE CONTRACTOR SHALL RESTORE ALL DISTURBED LAWN AREAS WITH A MINIMUM 4 INCH LAYER OF TOPSOIL AND SEED.
- THE CONTRACTOR SHALL RESTORE MULCH AREAS WITH A MINIMUM 3 INCH LAYER OF MULCH.
- THE MAXIMUM SLOPE ALLOWABLE IN LANDSCAPE RESTORATION AREAS SHALL BE 3 FEET HORIZONTAL TO 1 FOOT VERTICAL (3:1 SLOPE) UNLESS INDICATED OTHERWISE WITHIN THE PLAN SET.
- THE CONTRACTOR IS REQUIRED TO LOCATE ALL SPRINKLER HEADS IN AREA OF LANDSCAPING DISTURBANCE PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL RELOCATE SPRINKLER HEADS AND LINES IN ACCORDANCE WITH OWNER'S DIRECTION WITHIN AREAS OF DISTURBANCE.
- THE CONTRACTOR SHALL ENSURE THAT ALL DISTURBED LANDSCAPED AREAS ARE GRADED TO MEET FLUSH AT THE ELEVATION OF WALKWAYS AND TOP OF CURB ELEVATIONS EXCEPT UNLESS INDICATED OTHERWISE WITHIN THE PLAN SET. NO ABRUPT CHANGES IN GRADE ARE PERMITTED IN DISTURBED LANDSCAPING AREAS.
- THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF TWO (2) YEARS (2 YRS.) FROM APPROVAL OF LANDSCAPE INSTALLATION BY THE PROJECT LANDSCAPE DESIGNER, MUNICIPAL OFFICIAL, OR OWNER/OWNER'S REPRESENTATIVE.

**SITE LANDSCAPING IS A CONDITION OF APPROVAL THAT REQUIRES PERPETUAL MAINTENANCE AND CARE**

**ONE CALL**  
NEW JERSEY  
BEFORE YOU BREAK GROUND FOR A PROJECT AROUND YOUR YARD, SUCH AS A FENCE, SWIMMING POOL, OR HOME ADDITION, YOU MUST CALL NEW JERSEY ONE CALL AT (800) 372-1000 TO REQUEST A MARK OUT OF THE UTILITY SERVICES THAT YOU CALL "BEFORE" YOU DIG. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL UTILITIES ARE LOCATED (ON OR UNDERGROUND) PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL RELOCATE SPRINKLER HEADS AND LINES IN ACCORDANCE WITH OWNER'S DIRECTION WITHIN AREAS OF DISTURBANCE. THE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF TWO (2) YEARS (2 YRS.) FROM APPROVAL OF LANDSCAPE INSTALLATION BY THE PROJECT LANDSCAPE DESIGNER, MUNICIPAL OFFICIAL, OR OWNER/OWNER'S REPRESENTATIVE.

PAUL DEVITTO, L.L.A.  
NEW JERSEY LICENSE NO. 21A50013000  
LICENSED LANDSCAPE ARCHITECT

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**PRELIMINARY & FINAL MAJOR SITE PLAN**  
**ENCLAVE AT MILLINGTON**  
**PROPOSED MIXED-USE MULTI-FAMILY AND COMMERCIAL DEVELOPMENT**

800 SQ. FT. LOT & BLOCK 10100, LOT 101  
50 DIVISION AVENUE  
TOWNSHIP OF LONG HILL  
MORRIS COUNTY, NEW JERSEY

CHARLES D. OLIVO, P.E.  
NEW JERSEY LICENSE NO. 46719  
LICENSED PROFESSIONAL ENGINEER

**SCALE: 1" = 30'** PROJECT ID: T-12788  
TITLE: LANDSCAPING PLAN  
DRAWING: C-11

LANDSCAPING PLAN UPDATED PER SHADE TREE COMMISSION COMMENTS (SHEETS C-11 AND C-11 ONLY)  
DATE: 07/17/2023  
BY: [Signature]  
DATE: 08/02/2023  
BY: [Signature]  
DATE: 08/02/2023  
BY: [Signature]

NOT APPROVED FOR CONSTRUCTION

