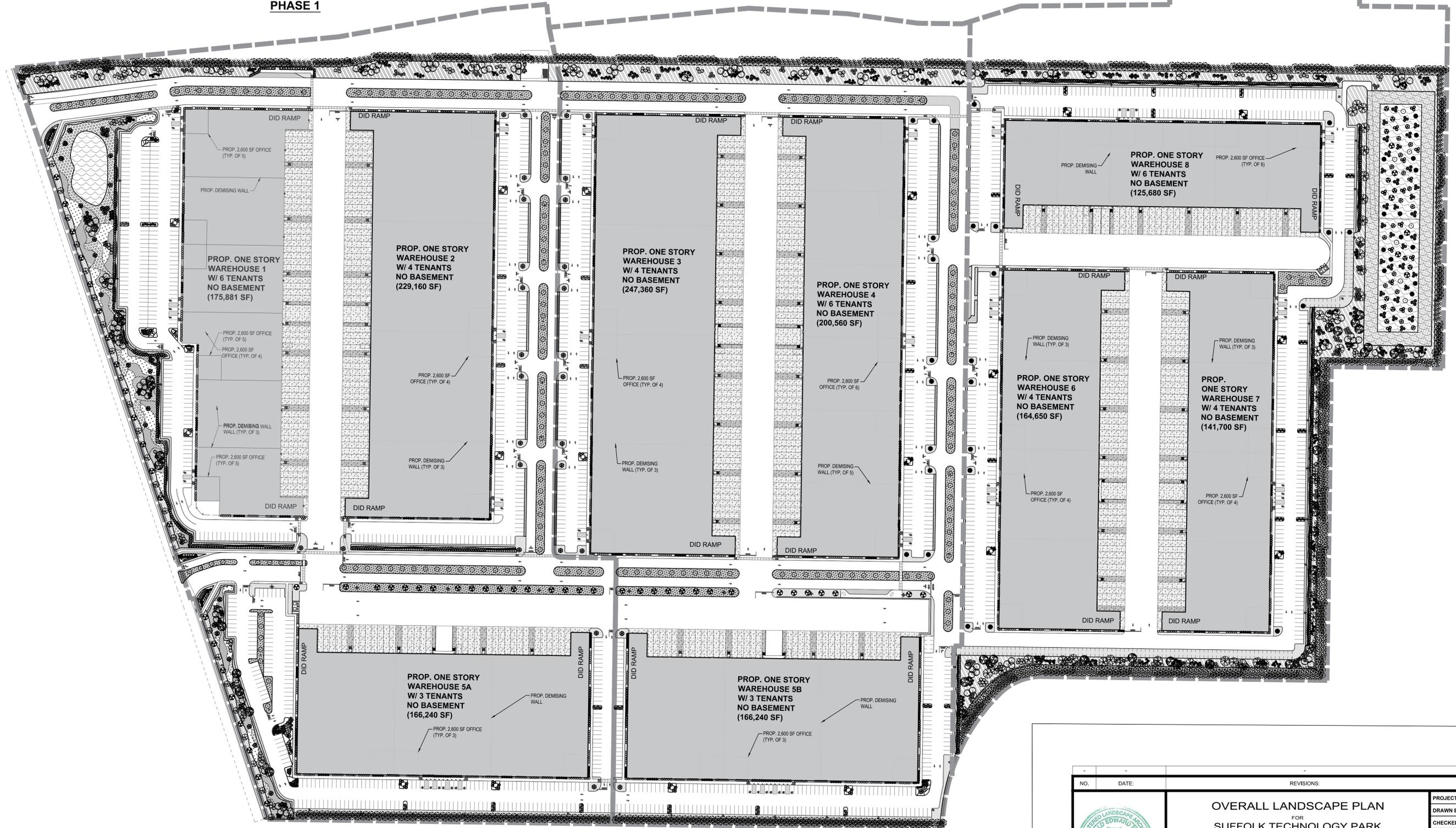




PHASE 1

PHASE 2

PHASE 3



LANDSCAPE PLAN (PHASE 1 & 2)

1" = 100'

SCALE: 1" = 100'



NO.	DATE:	REVISIONS:	BY:		
		<p><b>OVERALL LANDSCAPE PLAN</b> FOR <b>SUFFOLK TECHNOLOGY PARK</b> SITUATED AT <b>WHEATLEY HEIGHTS</b> TOWN OF BABYLON, SUFFOLK COUNTY, NEW YORK</p> <p><b>NELSON+POPE</b> engineers • architects • surveyors 70 Maxess Road, Melville, NY 11747 • 631.427.5665 • nelsonpoppe.com</p>		<p>PROJECT NO.: <b>21022</b></p> <p>DRAWN BY: CC</p> <p>CHECKED BY: RS/RP</p> <p>DATE: JANUARY 2024</p> <p>SCALE: 1" = 100'</p> <p>FILE NO.: -</p> <p>CADD: 21022_LP_FULLSITE</p> <p>DRAWING NO.: <b>O-101</b></p> <p>SHEET NO.: 1 OF 11</p>	
L.A. SEAL AND SIGNATURE					

**GENERAL LANDSCAPE PLANTING NOTES:**

- ALL PRECAUTIONS SHALL BE TAKEN IN CARTING, STORING, AND PLANTING OF MATERIALS TO PROTECT ADJACENT PAVEMENT AND LANDSCAPE AREAS.
- PLANTS SHALL BE TRUE TO SPECIES AND VARIETY SPECIFIED AND NURSERY-GROWN IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES, UNLESS SPECIFICALLY NOTED. ALL PLANTS SHALL BE OF SPECIMEN QUALITY. EXCEPTIONAL HEAVY, SYMMETRICAL, FREE OF DISEASE AND INSECTS, EGGS, OR LARVAE, AND SHALL HAVE HEALTHY WELL DEVELOPED ROOT SYSTEMS. THE LANDSCAPE ARCHITECT AND/OR THE OWNER OR THEIR REPRESENTATIVE RESERVES THE RIGHT TO TAG, INSPECT AND APPROVE ALL PLANT MATERIALS AND REJECT ANY PLANTS FOUND TO BE UNACCEPTABLE AT THE NURSERY, AT THE SITE UPON DELIVERY, OR UPON INSTALLATION. THE CONTRACTOR SHALL REMOVE REJECTED PLANT MATERIAL FROM THE SITE AND REPLACE WITH APPROVED EQUIVALENT BY LANDSCAPE ARCHITECT.
- ALL PLANTS SHALL BE LABELED BY PLANT NAME, LABELS SHALL BE ATTACHED SECURELY TO ALL PLANTS, BUNDLES AND CONTAINERS WHEN DELIVERED.
- NO SUBSTITUTIONS OF PLANT MATERIAL WILL BE PERMITTED. IF THE SPECIFIED LANDSCAPE MATERIAL CANNOT BE OBTAINED, THE CONTRACTOR SHALL SUBMIT A WRITTEN PROPOSAL FOR USE OF AN EQUIVALENT MATERIAL. SUBSTITUTIONS OF PLANT MATERIALS MUST BE AUTHORIZED IN WRITING BY THE LANDSCAPE ARCHITECT OR PROJECT ENGINEER.
- THE LANDSCAPE CONTRACTOR SHALL STAKE OUT THE LIMIT OF PLANTING LOCATIONS, PRIOR TO INSTALLATION WITH REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT AND/OR OWNER. THE LANDSCAPE ARCHITECT AND/OR OWNER SHALL DIRECT THE CONTRACTOR IN THE PLACEMENT OF ALL PLANT MATERIAL AND LOCATION OF PLANTING BEDS TO ENSURE COMPLIANCE WITH DESIGN INTENT UNLESS OTHERWISE INSTRUCTED.
- IF THERE IS A DISCREPANCY BETWEEN THE PLANT LIST AND THE PLANTING PLAN, THE PLAN GOVERNS.
- IT IS THE CONTRACTORS RESPONSIBILITY TO CALL 811 AND HAVE ALL EXISTING UNDERGROUND UTILITY AND SEWER LINES MARKED PRIOR TO THE START OF EXCAVATION ACTIVITIES. THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE PROJECT ENGINEER AND OWNER IF THERE ARE CONFLICTS WITH PROPOSED PLANTING LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE.
- THE BACKFILL MIXTURE AND SOIL MIXES ARE TO BE INSTALLED PER THE SPECIFICATIONS.
- THE LANDSCAPE ARCHITECT MAY REVIEW PLANT MATERIALS AT THE SITE, BEFORE INSTALLATION FOR COMPLIANCE WITH REQUIREMENTS FOR GENUS, SPECIES, VARIETY, SIZE AND QUALITY.
- REMOVE ALL TWINE, ROPE, WIRE, CONTAINERS, LABELS AND FLAGGING ON PLANTS BEFORE COMPLETION. DISPOSE OF ALL DEBRIS APPROPRIATELY AND SWEEP ALL SURROUNDING PAVEMENTS.
- ALL TREES AND HEDGES ARE NOT TO BE TRIMMED IN GEOMETRIC FORMS AND ARE TO BE LEFT IN A NATURAL HABIT.
- MULCHING:**
  - AT THE TIME OF PLANTING, MULCH WITH NO MORE THAN 3" OF DOUBLE-SHREDDED HARDWOOD MULCH OF A NATURAL COLOR. TAKE CARE TO NOT PILE MULCH AROUND THE TRUNK OF ANY PLANT MATERIAL. NO MULCH OR TOPSOIL SHOULD BE TOUCHING THE BASE OF THE TRUNK ABOVE THE ROOT COLLAR. A GAP OF APPROXIMATELY 2 INCHES SHOULD BE LEFT BETWEEN THE MULCH AND THE TRUNK OF THE TREE TO AVOID MOUNDING ABOVE THE TRUNK FLARE.
  - ALL EXPOSED GROUND SURFACES THAT ARE NOT PAVED WITHIN THE LIMITS OF CONSTRUCTION, AND THAT ARE NOT COVERED BY LANDSCAPE PLANTING OR SEEDING AS SPECIFIED, SHALL BE COVERED BY A NATURAL DOUBLE-SHREDDED MULCH THAT WILL PREVENT SOIL EROSION AND CONTROL DUST.
  - AFTER INITIAL MULCH INSTALLATION, REPLENISH GARDEN BEDS WITH ADDITIONAL MULCH IN MID TO LATE SPRING. ONLY IN AREAS THAT ARE SHOWING BARE SOILS AND/OR COVERED IN WEEDS. REMOVE ALL UNWANTED PLANTS/WEEDS BEFORE DRESSING BED WITH MULCH.
- DELIVERY, HANDLING AND STORAGE:**
  - TREES AND SHRUBS: SHALL NOT BE PRUNED PRIOR TO DELIVERY UNLESS OTHERWISE DIRECTED BY LANDSCAPE ARCHITECT. DO NOT BEND, BIND-TIE TREES IN A MANNER AS TO DAMAGE BARK, BREAK BRANCHES, OR DESTROY NATURAL SHAPE. DO NOT DROP BALL AND BURLAPPED STOCK DURING DELIVERY OR HANDLING. PLASTIC, METAL WIRE BASKET AND/OR OTHER ROOT COVERINGS, WRAPPING AND BIND MATERIAL, SHALL BE REMOVED ENTIRELY FROM THE PLANT MATERIAL AT TIME OF INSTALLATION. STORE PLANT MATERIAL. IF INSTALLATION IS DELAYED MORE THAN 6 HOURS AFTER ARRIVAL TO SITE, THE CONTRACTOR SHALL SET ALL PLANT MATERIAL IN SHADE, PROTECTED FROM WEATHER, MECHANICAL DAMAGE, THEFT, AND DETERIORATION. PLANT SOIL MUST BE KEPT MOIST USING A WATERING TANK, HOSE OR OTHER SYSTEM UNTIL READY FOR PLANTING. ANY PACKAGED MATERIALS, SUCH AS BOXED PERENNIALS MUST BE OPENED, UNWRAPPED AND FREED AS TO NOT RESTRAIN AIR CIRCULATION AND WATERING WHILE WAITING TO BE INSTALLED.
  - NO PLANT SHALL BE PUT INTO THE GROUND BEFORE ROUGH GRADING HAS BEEN COMPLETED AND APPROVED BY PROJECT ENGINEER OR LANDSCAPE ARCHITECT.
  - IF COMPACTION OCCURS DURING EARTHWORK PRIOR TO PLANT INSTALLATION, THE CONTRACTOR MUST HAVE THE SOIL SCARIFIED AND LOOSENE TO THE DEPTH OF COMPACTION OR 12-18", WHICHEVER IS DEEPEST, WITH A BACKHOE OR EQUIVALENT WITHOUT TAMPING SOILS.
  - ALL FINE GRADED AREAS SHALL BE HAND RAKED SMOOTH TO ELIMINATE ANY CLUMPS, ROCKS, STUMPS, TRASH AND/OR OTHER UNSIGHTLY DEBRIS PRIOR TO PLANTING OR MULCHING.
  - MAINTAIN SITE DRAINAGE DURING LANDSCAPE INSTALLATION.
- PLANT INSTALLATIONS:**
  - BALL AND BURLAP TREES: SHALL HAVE A PLANTING HOLE A MINIMUM OF TWICE TO THREE TIMES THE WIDTH AND JUST AS DEEP AS THE ROOT BALL, WITH SLOPED SIDES. TREES SHALL BE PLANTED WITH THE ROOT FLARE AT EXISTING GRADE. WIRE BASKETS, TWINE, BURLAP, NAILS AND TAGS SHALL BE REMOVED COMPLETELY WITHOUT COMPROMISING THE SOIL OF THE PLANT. IF SOILS ARE EXTREMELY LOOSE, LEAVE BOTTOM HALF OF BURLAP INTACT AND CUT AND REMOVE TOP HALF OF WIRE BASKET. BACKFILL SOIL JUST BELOW ROOT COLLAR. SOAK TREE PIT IMMEDIATELY WITH 5 GALLONS FOR EVERY INCH OF TRUNK DIAMETER.
  - CONTAINER PLANTS: SHALL HAVE THE CONTAINER AND TAGS REMOVED BEFORE INSTALLATION. ROOTS SHALL BE CUT THROUGH THE SURFACE IN AN 'X' FORMATION AT BASE OF BALL AND CUT ALONG THE SIDES OF THE BALL AT LEAST SIX TIMES TO FREE ROOTS AND ENCOURAGE NEW GROWTH. ESPECIALLY IF IT IS ROOT BOUND. FINE ROOTS OF SMALLER CONTAINER PLANTS SHOULD BE TEASED DELICATELY WITH BY HAND OR WITH A HAND CULTIVATOR.
  - PLUGS: SHALL HAVE TAGS REMOVED BEFORE INSTALLATION. IF HEAVILY ROOT BOUND, DELICATELY LOOSEN ROOTS BY HAND OR HAND CULTIVATOR, TAKING CARE TO NOT BREAK SOIL-TO-ROOT CONTACT. SPACE PLANTS EQUALLY ON TRIANGULAR OR GRID SPACING.
  - VINES: EQUALLY SPACE VINES PLANTED IN ROWS AGAINST WALLS OR FENCES. SEE DRAWINGS FOR QUANTITY AND SPACING. REMOVE ALL VINES FROM NURSERY STAKES AND SPREAD OUT ONTO WALL PRIOR TO ATTACHING TO SURFACE WITH VINE TAPE. SIMILARLY ATTACH VINES AT PILASTERS OR POSTS.
  - STAKING OF ANY INSTALLED TREE IS NOT NEEDED.
- SEEDING:**
  - SPREAD SEED BY HYDROSEEDING FROM A HOSE AT GROUND LEVEL, NOT THROUGH THE USE OF A TURRET. HYDROSEEDING WILL REQUIRE A TACKIFIER AND A COLORED MULCH.
  - THERE SHALL BE NO SEED SUBSTITUTIONS UNLESS AUTHORIZED BY THE LANDSCAPE ARCHITECT.
  - GENERALLY DRILL SEED APPLICATION RECOMMENDED PER SPECIFIED APPLICATION RATE TO NO MORE THAN 1/4 INCH DEPTH (OR APPROPRIATE DEPTH FOR SELECTED SPECIES). REFER TO LANDSCAPE PLAN FOR SPECIES, PERCENTAGES AND APPLICATION RATES.
  - SEE "IRRIGATION NOTES" FOR SPECIFICATIONS ON WATERING.
- INSTALLED PLANTINGS SHALL BE IN PROPER HEALTH AND HAVE A 90% SURVIVAL RATE OVER THE FIRST TWO YEARS FOLLOWING ACCEPTANCE BY THE OWNER. PLANT MATERIAL FOUND TO BE DEAD, DYING OR IN POOR HEALTH SHALL BE REMOVED AND REPLACED IN KIND BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.

**LANDSCAPE MAINTENANCE NOTES:**

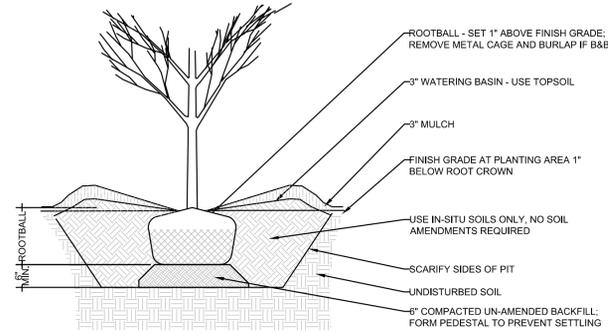
- MAINTENANCE CONTRACTOR TO MAINTAIN ALL PLANT MATERIALS AND IRRIGATION SYSTEM.
- LANDSCAPE CONTRACTOR OR MAINTENANCE SUBCONTRACTOR SHALL HAVE A FULL TIME EMPLOYEE ASSIGNED TO THE JOB AS FOREMAN FOR THE DURATION OF THE CONTRACT. FOREMAN SHALL HAVE A MINIMUM OF FOUR (4) YEARS EXPERIENCE IN LANDSCAPE MAINTENANCE SUPERVISION, WITH EXPERIENCE OR TRAINING IN TURF MANAGEMENT, ENTOMOLOGY, PEST CONTROL, SOILS, FERTILIZERS AND PLANT IDENTIFICATION.
- LANDSCAPE MAINTENANCE CONTRACTOR SHALL SUBMIT MAINTENANCE SCHEDULE TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO START OF LANDSCAPE MAINTENANCE PERIOD.
- AT BEGINNING OF MAINTENANCE PERIOD, VISIT AND WALK SITE WITH LANDSCAPE ARCHITECT TO VERIFY SCOPE OF WORK AND UNDERSTAND EXISTING /SITE CONDITIONS. NOTIFY LANDSCAPE ARCHITECT FIVE (5) DAYS PRIOR TO VISIT.
- STERILIZE ALL TOOLS USED PRIOR TO ANY MAINTENANCE WORK.
- NO USE OF ANTI-DESSICCANT IS PERMITTED ON ANY PLANT.
- WOUND DRESSINGS SUCH AS TAR, ASPHALT, PAINT OR OTHER PETROLEUM SOLVENTS ARE NOT PERMITTED TO BE USED ON TREES IN ANY CIRCUMSTANCE.
- PRUNING:**
  - NO PRUNING IS NECESSARY FOR FORBS AND GRAMINOIDS. IF CUTTING BACK IS DESIRED FOR AESTHETIC REASONS, PERENNIALS MAY BE CUT IN APRIL TO MAY LEAVING BETWEEN 8-24" OF STALKS INTACT FOR STEM-NESTING INSECTS.
  - LATE-BLOOMING PERENNIALS MAY BE TRIMMED 25-75% IN LATE SPRING FOR HEIGHT CONTROL.
  - HEDGES ARE NOT TO BE TRIMMED IN GEOMETRIC FORMS, BUT LEFT IN ITS NATURAL FORM.
  - NO PRUNING SHALL BE DONE AT THE TIME OF INSTALLATION, EXCEPT TO REMOVE DEAD OR BROKEN BRANCHES/STEMS.
  - ALL ADDITIONAL PRUNING SHOULD BE CONDUCTED BY A CERTIFIED ARBORIST TO DETERMINE PRUNING GOALS, BEST PRACTICES AND LONG TERM PRUNING MAINTENANCE NEEDS OF THE SELECTED SPECIES.
    - ACCEPTABLE PRUNING OBJECTIVES INCLUDE BUT ARE NOT LIMITED TO PROVIDING CLEARANCE, MAINTAINING HEALTH, RESTORATION FROM WEATHER DAMAGE, RISK MANAGEMENT, AND MANAGING WILDLIFE HABITAT PRIOR TO PRUNING OF MATURE TREES. A WRITTEN PRUNING SPECIFICATION SHALL BE PRESENTED TO THE OWNER CLEARLY DEMONSTRATING PRUNING SYSTEMS (TYPE OF PRUNING), OBJECTIVES, LOCATION OF CUT, AMOUNT TO REMOVE, PLAN FOR DISPOSAL OF DEBRIS, TIME FRAME FOR COMPLETION OF WORK AND RE-INSPECTION OR PRUNING INTERVAL.
    - REMOVE LEAVES FROM LAWN AND SHRED TO USE AS MULCH IN GARDEN BEDS. EXCESS LEAVES SHOULD BE COMPOSTED. DO NOT REMOVE LEAVES FROM GARDEN BEDS.
  - DO NOT MOW UP TO THE TRUNK OF NEW OR PREVIOUSLY EXISTING TREES. MAINTAIN A BUFFER OF 3 TO 5 FEET FROM THE BASE OF THE TRUNK TO EITHER BE MANAGED BY HAND OR PROTECTED WITH MULCH OR VEGETATION.
- LANDSCAPE CONTRACTOR SHALL SUBMIT A MANUAL WITH ALL MATERIALS AND PRODUCTS USED IN CONSTRUCTION AND MAINTENANCE PERIOD. MAKE CORRECTIONS AND ADDITIONS PER DIRECTION OF LANDSCAPE ARCHITECT PRIOR TO FINAL SUBMITTAL TO THE OWNER. SUBMIT LOG OF ALL FERTILIZERS AND HERBICIDES WITH DATES AND RATES APPLIED DURING MAINTENANCE PERIOD. LANDSCAPE ARCHITECT SHALL WALK SITE WITH CONTRACTOR AND NOTE ALL UNSATISFACTORY WORK. UNSATISFACTORY WORK SHALL BE CORRECTED WITHIN 10 CALENDAR DAYS.

**LAYOUT NOTES**

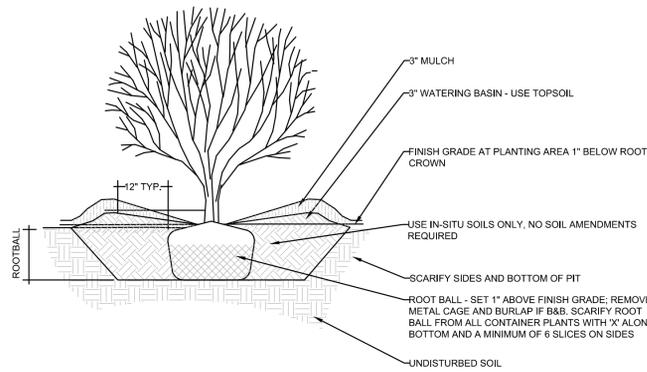
- VERIFY LOCATION OF ALL BUILDINGS, WALLS, ROADS AND CURBS AFFECTING LANDSCAPE SCOPE OF WORK WITH RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS PRIOR TO COMMENCING SITE WORK.
- VERIFY LOCATION OF ALL VAULTS, ELECTRICAL DUCT BANKS, MANHOLES, CONDUIT, PIPING, DRAINAGE STRUCTURES, LIGHTING, AND OTHER UTILITIES WITH THE APPROPRIATE ENGINEER'S DRAWINGS.
- WHERE NOT SHOWN ON LANDSCAPE DRAWINGS, SEE CIVIL ENGINEER'S DRAWINGS FOR ROADWAY CENTERLINE, STATION POINTS, BENCHMARKS AND BUILDING SETBACKS.
- TAKE ALL DIMENSIONS FROM CENTER OF CURB, WALL OR BUILDING, OR TO CENTERLINE OF BUILDING COLUMNS OR TREES UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS CALLED OUT AS "EQUAL" OR "EQ" ARE EQUIDISTANT MEASUREMENTS BETWEEN THE REFERENCE POINTS SHOWN.
- ALL ITEMS DESIGNATED AS "SIM" OR "TYP" ARE TO BE CONSTRUCTED IN THE MANNER OF THE DETAIL REFERENCED, WITH MINOR ADJUSTMENT FOR SPECIFIC CONDITION.
- ALL ANGLES ARE 90 DEGREES AND ALL LINES ARE TO BE HELD PARALLEL UNLESS OTHERWISE NOTED ON THE DRAWINGS. MAINTAIN HORIZONTAL ALIGNMENT FOR ALL ADJACENT ELEMENTS SO REFERENCED ON THE DRAWINGS.
- WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE APPARENT ON DRAWINGS. DO NOT SCALE FROM DRAWINGS. SEE ENLARGED PLANS AND SPECIFIC DETAILS FOR ADDITIONAL INFORMATION.
- INDIVIDUAL NOTES AND SPECIFIC DETAILS TAKE PRECEDENCE OVER GENERAL NOTES AND GENERIC DETAILS.

**LANDSCAPE IRRIGATION NOTES:**

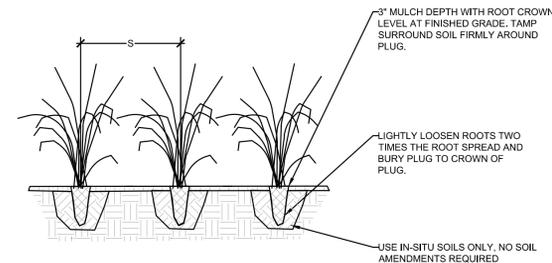
- TEMPORARY IRRIGATION IS RECOMMENDED FOR ONE GROWING SEASONS OR UNTIL ESTABLISHED. NO PERMANENT IRRIGATION IS REQUIRED FOR NATIVE TREE, SHRUB, OR PERENNIAL PLANTS. IRRIGATION FOR AREAS TOO FAR FROM WATER SOURCE WILL INCLUDE MONITORING PLANTINGS AND USING A WATER TRUCK AS NEEDED IF DROUGHT CONDITIONS PERSIST.



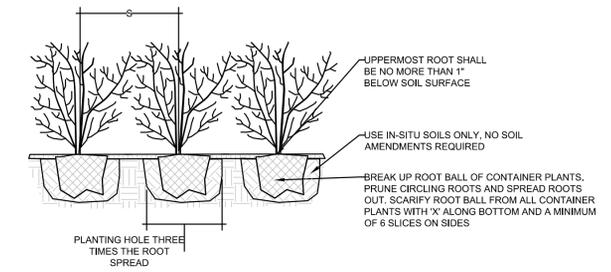
**1 TREE INSTALLATION**  
Scale: NTS



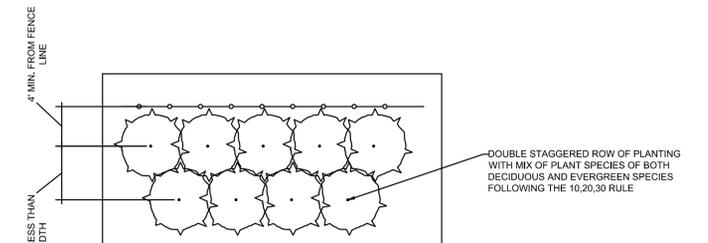
**2 SHRUB INSTALLATION**  
Scale: NTS



**3 PLUG INSTALLATION**  
Scale: NTS



**4 PERENNIAL INSTALLATION**  
Scale: NTS



**5 PLANT SCREENING SPACING**  
Scale: NTS

NO.	DATE:	REVISIONS:	BY:	
		<p align="center"><b>PLANTING DETAILS</b> FOR <b>SUFFOLK TECHNOLOGY PARK</b> SITUATED AT <b>WHEATLEY HEIGHTS</b> TOWN OF BABYLON, SUFFOLK COUNTY, NEW YORK</p> <p align="center"><b>NELSON+POPE</b> engineers • architects • surveyors 70 Maxess Road, Melville, NY 11747 • 631.427.5665 • nelsonpoppe.com</p>		PROJECT NO.: <b>21022</b> DRAWN BY: <b>CC</b> CHECKED BY: <b>RS/RP</b> DATE: <b>JANUARY 2024</b> SCALE: <b>NTS</b> FILE NO.: <b>-</b> CADD: <b>21022_LP_FULLSITE</b> DRAWING NO.: <b>D-101</b> SHEET NO.: <b>2 OF 11</b>
L.A. SEAL AND SIGNATURE				