

| TRP-06 PLANT SCHEDULE |     |  |           |             |          |                |
|-----------------------|-----|--|-----------|-------------|----------|----------------|
| KEY                   | QTY | BOTANICAL / COMMON NAME  | BALL      | SIZE        | SPACING  | REMARKS        |
| FGMA                  | 21  | FORTHERGILLA GARDENII 'MT. AIRY' / MT. AIRY DWARF FORTHERGILLA | CONT.     | 3 GALLON    | 3' O.C.  | 24" - 30" HT.  |
| IGS                   | 27  | ILEX GLABRA 'SHAMROCK' / SHAMROCK INKBERRY                     | CONT.     | 3 GALLON    | 3' O.C.  | 30" - 36" HT.  |
| ILOJP                 | 5   | ILEX OPACA 'JERSEY PRINCESS' / JERSEY PRINCESS AMERICAN HOLLY  | B&B       | 8-10' HT.   | 8' O.C.  | FULL TO BASE   |
| LISR                  | 4   | LIQUIDAMBAR STYRACIFLUA 'ROTUNDILOBA'/SEEDLESS SWEETGUM        | B&B       | 25'-30' HT. | AS SHOWN | CENTRAL LEADER |
| NRBW                  | 126 | NEPETA RACEMOSA 'BLUE WONDER' / BLUE WONDER CATMINT            | CONT.     | 1 GALLON    | 18" O.C. |                |
| PLS                   | 25  | PRUNUS LAUROCERASUS 'SCHIPKAENSIS'/ SKIP LAUREL                | B&B/CONT. | 8' HT.      | 4' O.C.  |                |
| QUA                   | 4   | QUERCUS ALBA / WHITE OAK                                       | B&B       | 25'-30' HT. | AS SHOWN | CENTRAL LEADER |
| TGG                   | 25  | THUJA 'GREEN GIANT' / GREEN GIANT ARBORVITAE                   | B&B       | 8-10' HT.   | 8' O.C.  | FULL TO BASE   |
| THOS                  | 10  | THUJA OCCIDENTALIS 'SMARAGD' / EMERALD GREEN ARBORVITAE        | B&B       | 8-10' HT.   | 4' O.C.  | FULL TO BASE   |
| TIC                   | 6   | TILIA CORDATA / LITTLE LEAF LINDEN                             | B&B       | 25'-30' HT. | AS SHOWN | CENTRAL LEADER |

## PLANT BED / PLANT PIT CONSTRUCTION:

1. PLANT MATERIALS AND PLANTING ACTIVITIES, TOPSOIL, AND LANDSCAPE MATERIAL WILL CONFORM TO SPECIFICATION 3TC 32 93 00 EXTERIOR PLANTS REV 1.
2. NOTE: RETAINING WALLS HAVE 3' WIDTH GRAVEL DRAINAGE AT WALL BASE TYPICAL (EXCLUDES SOUND-WALLS). REPLACE SURFACE GRAVEL WITH 1'-6" TOPSOIL AT PLANT BEDS DIRECTLY ADJACENT TO RETAINING WALLS.
3. DETERMINE CONFIGURATION OF PLANT BED PER PLAN. REMOVE UNDESIRABLE VEGETATION BY APPLYING NON-SELECTIVE HERBICIDE AT LEAST 14 DAYS PRIOR TO PLANT INSTALLATION OR BY MANUAL VEGETATION REMOVAL. CUT OR MOW DEAD VEGETATION TO A HEIGHT OF 1 INCH AND REMOVE THE DEBRIS.
4. ROTO-TILL THE SOIL OF THE BED TO A DEPTH OF 6 IN. TO THOROUGHLY MIX 4 INCHES OF TOPSOIL, COMPOST AND SPECIFIED FERTILIZER OR SOIL AMENDMENT INTO THE SOIL. REMOVE DEBRIS, STONES AND SOIL CLOD WITH A LENGTH OR WIDTH GREATER THAN 4 INCHES THAT ARE UNCOVERED DURING ROTO-TILLING.

### **PREPARED PLATING BITS**

1. REMOVE UNDESIRABLE VEGETATION BY APPLYING NON-SELECTIVE HERBICIDE AT LEAST 14 DAYS PRIOR TO PLANT INSTALLATION OR BY MANUAL VEGETATION REMOVAL. CUT AND REMOVE DEAD VEGETATION OR DEBRIS THAT INTERFERES WITH SOIL PREPARATION PLANT INSTALLATION OR FUTURE MAINTENANCE.
2. EXCAVATE PLANTING PITS TO THE DEPTH REQUIRED FOR PLACEMENT OF ROOT COLLARS PER SOIL CONDITION BELOW; RETAIN THE EXCAVATED SOIL FOR PREPARATION AS BACKFILL SOIL.
  - A. NORMAL, WELL DRAINED SOILS, PLACE COLLAR AT 1 INCH ABOVE AVERAGE SURFACE GRADE.
  - A. COMPACTED SOILS, PLACE COLLAR AT 1 TO 2 INCHES ABOVE AVERAGE SURFACE GRADE.
  - B. POORLY DRAINED OR WET SOILS, PLACE COLLAR AS NEEDED TO ENSURE 25% OF ROOT MASS IS ABOVE SURFACE GRADE.
  - C. PIT DIAMETER SHALL BE TWICE THE SIZE OF THE CONTAINER OR ROOT BALL.
3. MIX COMPOST INTO THE BACKFILL SOIL AS SPECIFIED IN CONTRACT DOCUMENTS.

## PLANT INSTALLATION

1. INSTALL PLANTS VERTICALLY IN PLANTING PITS AND BEDS AS SHOWN ON PLAN.
2. REMOVE CONTAINERS, SYNTHETIC FABRIC, PLASTIC, WIRE BASKETS, AND METAL CONTAINERS BEFORE PLANT INSTALLATION. REMOVE TWINE AND NATURAL BURLAP FORM THE TOPS OF ROOTBALLS TO A DEPTH OF 6 INCHES BELOW THE SURFACE OF THE BACKFILL PLANTING PIT.
3. CAREFULLY REMOVE THE CONTAINERS OF CONTAINER-GROWN PLANTS AND LOOSEN THE SOIL MASS TO ELIMINATE GIRDLING ROOTS. SCORE ROOT BALL WHEN ROOTS ARE MASSED.
4. PLACE BACKFILL SOIL AROUND ROOTS TO STABILIZE PLANTS IN UPRIGHT POSITION AND RESTORE THE GRADE. LIGHTLY COMPACT BACKFILL SOIL TO REDUCE AIR POCKETS. AVOID EXCESSIVE COMPACTION OF BIOPRFTENTION SOIL MIXTURE

SOIL BERMINGHAM

FORM BERM AROUND ENTIRE PLANT PIT ON AREAS FLATTER THAN 4:1. ON SLOPES 4:1 AND STEEPER, TAKE SOIL FROM THE UPSLOPE RIM OF THE PIT AND PLACE IT ON THE DOWNSLOPE RIM TO FORM THE BERM

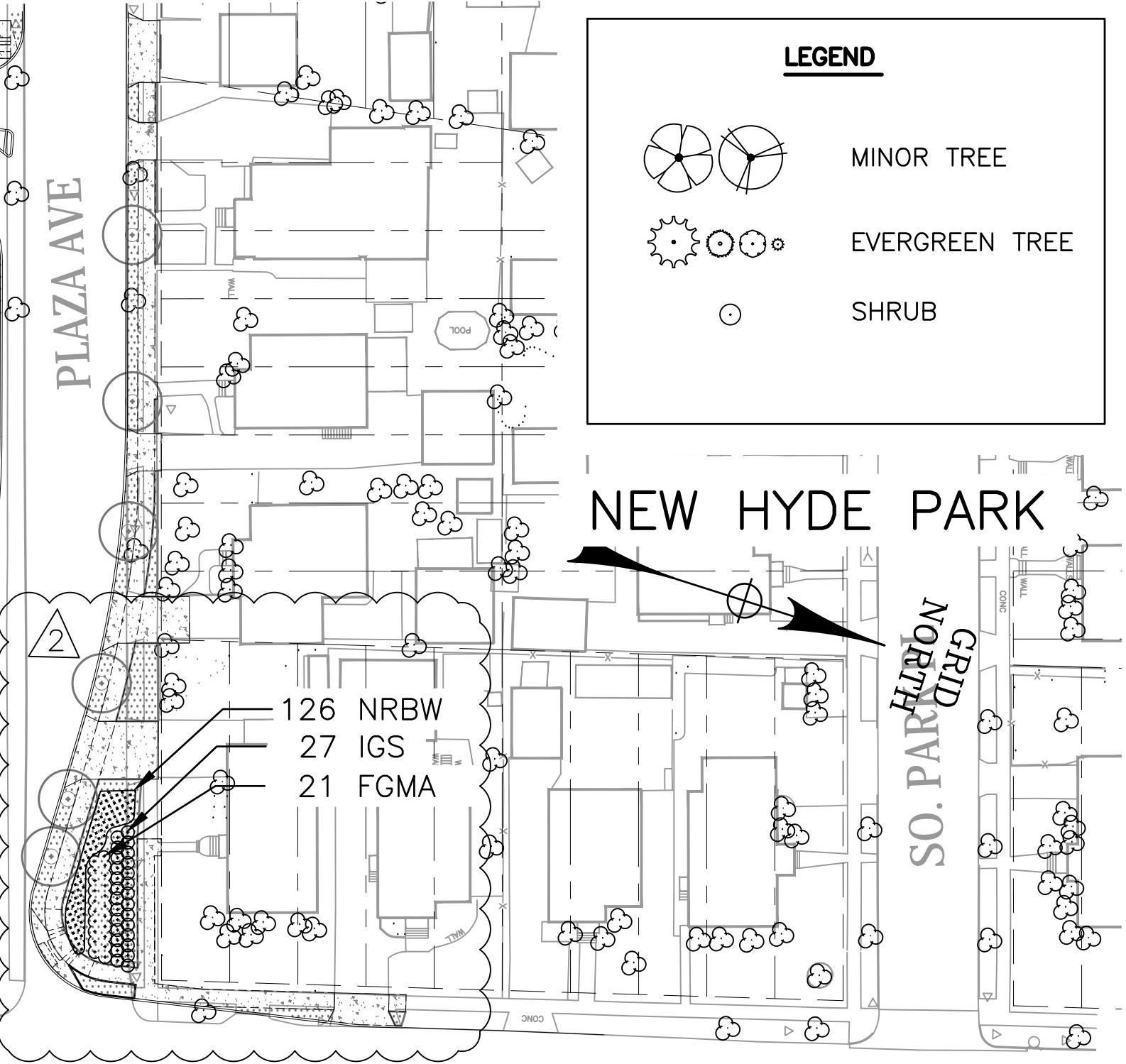
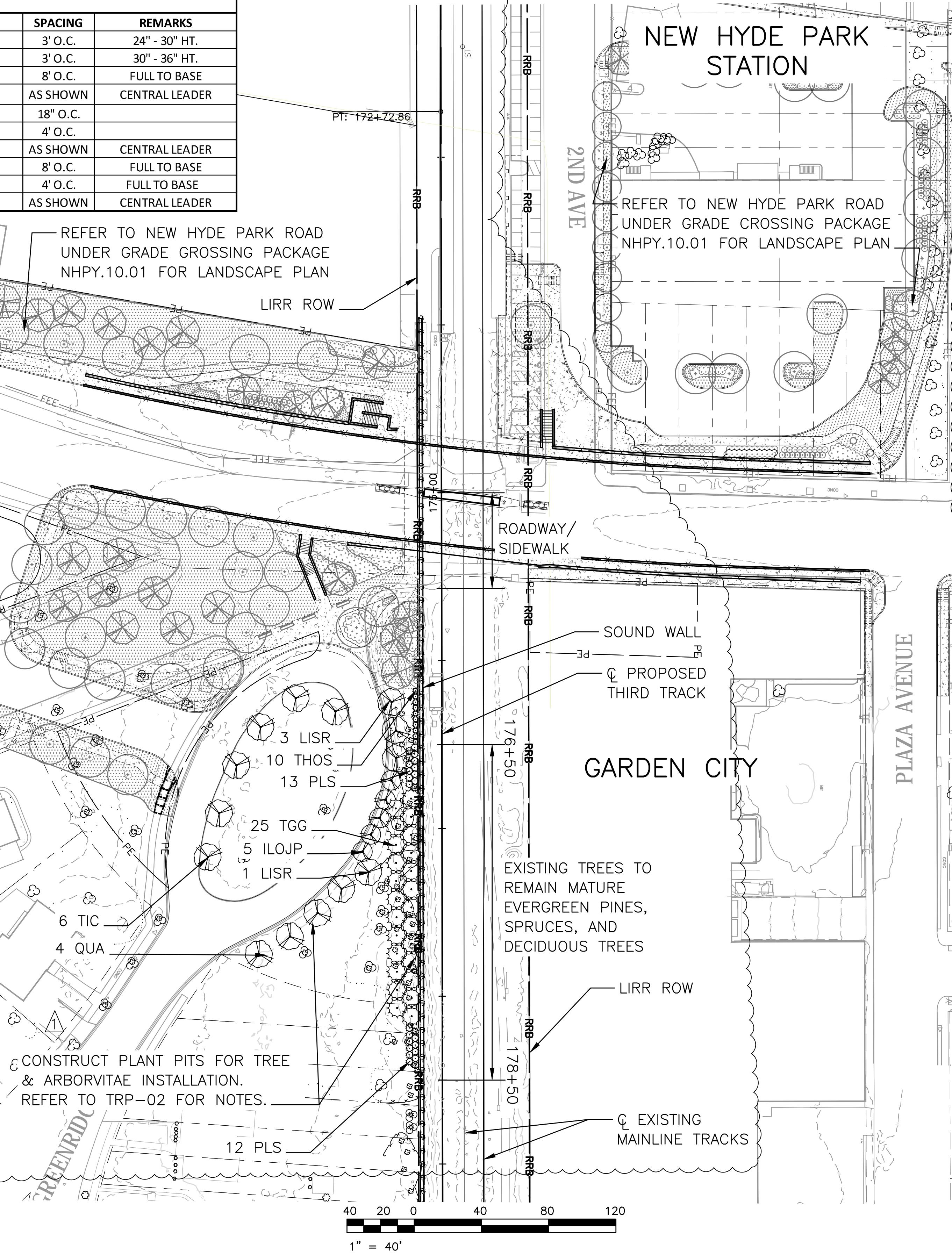
## MULCHING

1. SPREAD SHREDDED HARDWOOD BARK MULCH UNIFORMLY OVER THE SOIL SURFACE TO A 3 INCH DEPTH THE SAME DAY THAT PLANTS ARE INSTALLED.
2. COVER THE SOIL OF THE PLANTING PIT TO ITS OUTSIDE EDGE, INCLUDING SOIL BERM. DO NOT ALLOW MULCH TO TOUCH THE BARK OR MAIN STEM OF THE PLANT.
3. PLACE SHREDDED HARDWOOD BARK MULCH IN PLANT BEDS. MULCH MAY BE SPREAD BEFORE OR AFTER INSTALLING PLANTS. SPREAD MULCH OVER ENTIRE BED AND RAKE IT TO AN EVEN SURFACE INCLUDING BERMS AND SHOULDERS. ENSURE THAT MULCH DOES NOT COVER PLANTS

NOTE: ALL STATIONS TO BE MULCHED WITH DECORATIVE RIVER STONE MULCH, 2"-3" STONE, EARTH TONES (BROWNS, TANS, & GRAYS), 5" DEPTH ON A HEAVY DUTY PROTECTIVE WEED BARRIER FABRIC UNLESS OTHERWISE NOTED. REFER TO NYSDOT SPECIAL SPECIFICATIONS:

610.11940609 DECORATIVE STONE MULCH

## NURSERY SUPPLY: PLANT SPECIES AND SELECTION IS CONTINGENT ON NURSERY AVAILABILITY.



## NOTES

1. STA.175+00 TO STA.175+57 IS ROADWAY (NEW HYDE PARK ROAD UNDERPASS) AND SIDEWALK AREA PER NHPU.10.01.
2. STA.175+57 TO STA.176+20 REFER TO NEW HYDE PARK ROAD UNDER GRADE CROSSING PACKAGE LANDSCAPE ARCHITECTURE SITE PLAN NHPU.10.01 PLANTING DESIGN
3. STA.176+20 TO 176+50 PLANTED PER CWDD.21.02(THIS SHEET).
4. STA.176+50 TO 178+50 EXISTING TREES TO REMAIN
5. TREES WITHIN LIRR ROW ARE REMOVED.
6. ESTABLISH HYDRO-SEED NEW LAWN AREA AT THE TRAFFIC CIRCLE AT THE NORTH END OF CLINCH AND ADJACENT TO THE NEW ROADWAY. REFER TO TRP-06 FOR TURF ESTABLISHMENT NOTE

## 7. TURF SEEDING AND SODDING NOTES

1. TURF ESTABLISHMENT TO BE PERFORMED ON 6" FURNISHED TOPSOIL MINIMUM ON PREPARED SUBSOIL. SODDING IS THE PREFERRED METHOD OF TURF ESTABLISHMENT DURING APPROPRIATE SEASON. SEEDING TO BE PERFORMED USING HYDRO-SEED PLANTING TECHNIQUE

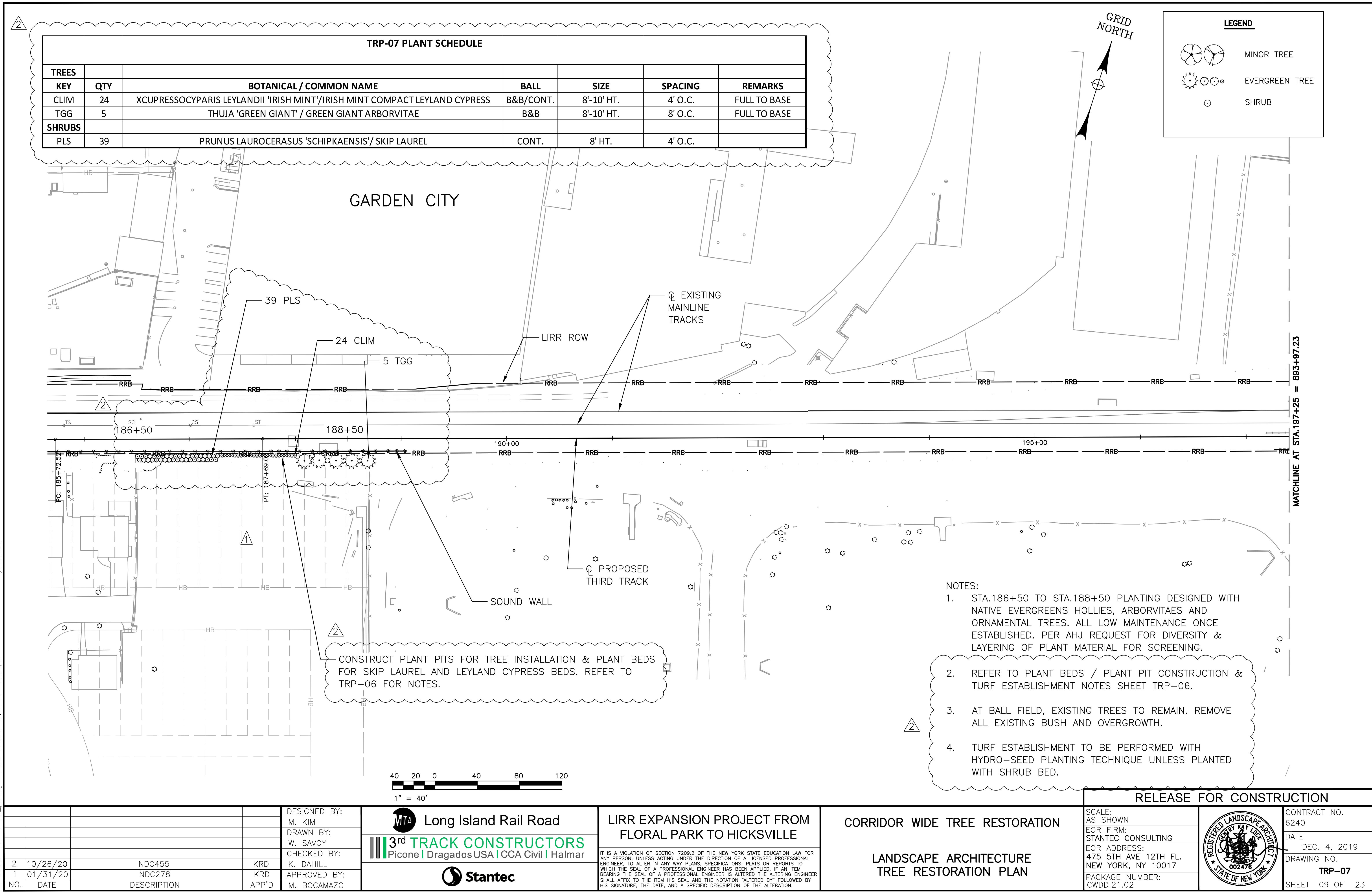
### 3. REFER TO NYSDOT STANDARD SPECIFICATIONS.

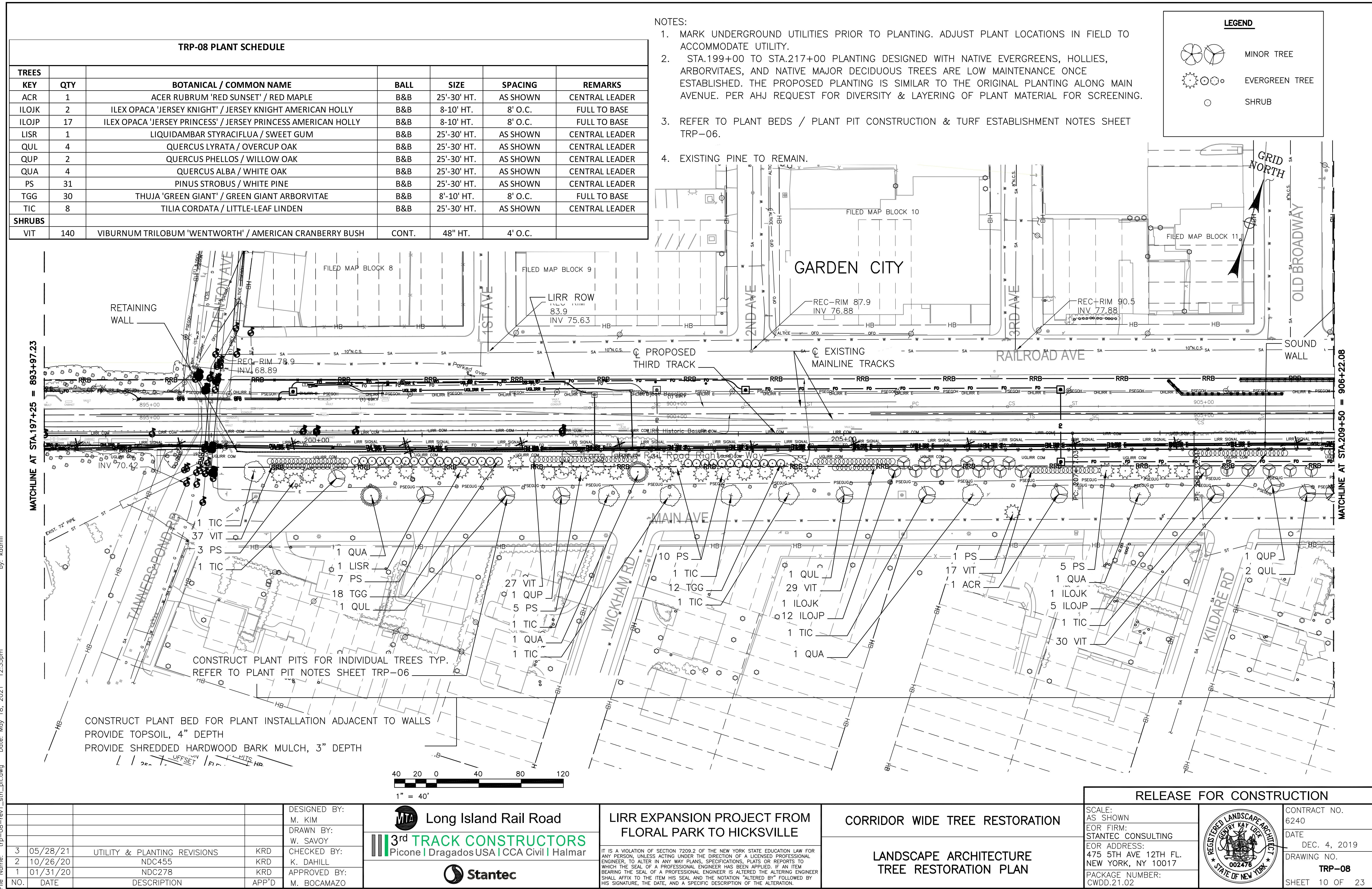
2. REFER TO NSCC STANDARD OPERATING PROCEDURES.

- 610.0501 FERTILIZER
- 610.1403 PREPARATION OF SUBSOIL FOR TURF ESTABLISHMENT
- 610.1601 TURF ESTABLISHMENT – ROADSIDE
- 610.1602 TURF ESTABLISHMENT – LAWNS
- 610.18 SODDING
- 610.19 WATERING VEGETATION

### 3. REFER TO CSI SPECIFICATIONS: 3TC 32 93 00 EXTERIOR PLANTS

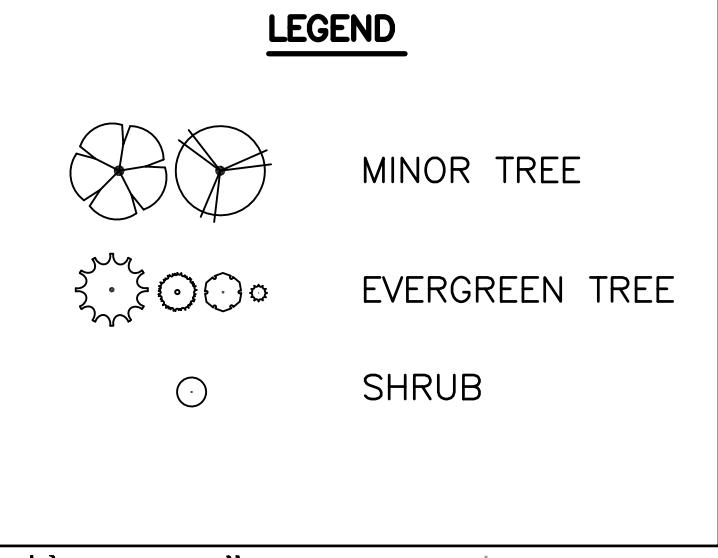
RELEASE FOR CONSTRUCTION





## TRP-09 PLANT SCHEDULE

| TREES  | KEY   | QTY | BOTANICAL / COMMON NAME                                       | BALL  | SIZE        | SPACING  | REMARKS        |
|--------|-------|-----|---|-------|-------------|----------|----------------|
|        | ACR   | 4   | ACER RUBRUM 'RED SUNSET' / RED MAPLE                          | B&B   | 25'-30' HT. | AS SHOWN | CENTRAL LEADER |
|        | ILOJP | 7   | ILEX OPACA 'JERSEY PRINCESS' / JERSEY PRINCESS AMERICAN HOLLY | B&B   | 8'-10' HT.  | 8' O.C.  | FULL TO BASE   |
|        | LISR  | 4   | LIQUIDAMBAR STYRACIFLUA / SWEET GUM                           | B&B   | 25'-30' HT. | AS SHOWN | CENTRAL LEADER |
|        | QL    | 3   | QUERCUS LYRATA / OVERCUP OAK                                  | B&B   | 25'-30' HT. | AS SHOWN | CENTRAL LEADER |
|        | QUP   | 2   | QUERCUS PHELLOS / WILLOW OAK                                  | B&B   | 25'-30' HT. | AS SHOWN | CENTRAL LEADER |
|        | QUA   | 2   | QUERCUS ALBA / WHITE OAK                                      | B&B   | 25'-30' HT. | AS SHOWN | CENTRAL LEADER |
|        | PS    | 16  | PINUS STROBOS / WHITE PINE                                    | B&B   | 25'-30' HT. | AS SHOWN | CENTRAL LEADER |
|        | TGG   | 24  | THUJA 'GREEN GIANT' / GREEN GIANT ARBORVITAE                  | B&B   | 8'-10' HT.  | 12' O.C. | FULL TO BASE   |
|        | TIC   | 3   | TILIA CORDATA / LITTLE-LEAF LINDEN                            | B&B   | 25'-30' HT. | AS SHOWN | CENTRAL LEADER |
| SHRUBS | VIT   | 38  | VIBURNUM TRILOBOUM 'WENTWORTH' / AMERICAN CRANBERRY BUSH      | CONT. | 48" HT.     | 4' O.C.  |                |



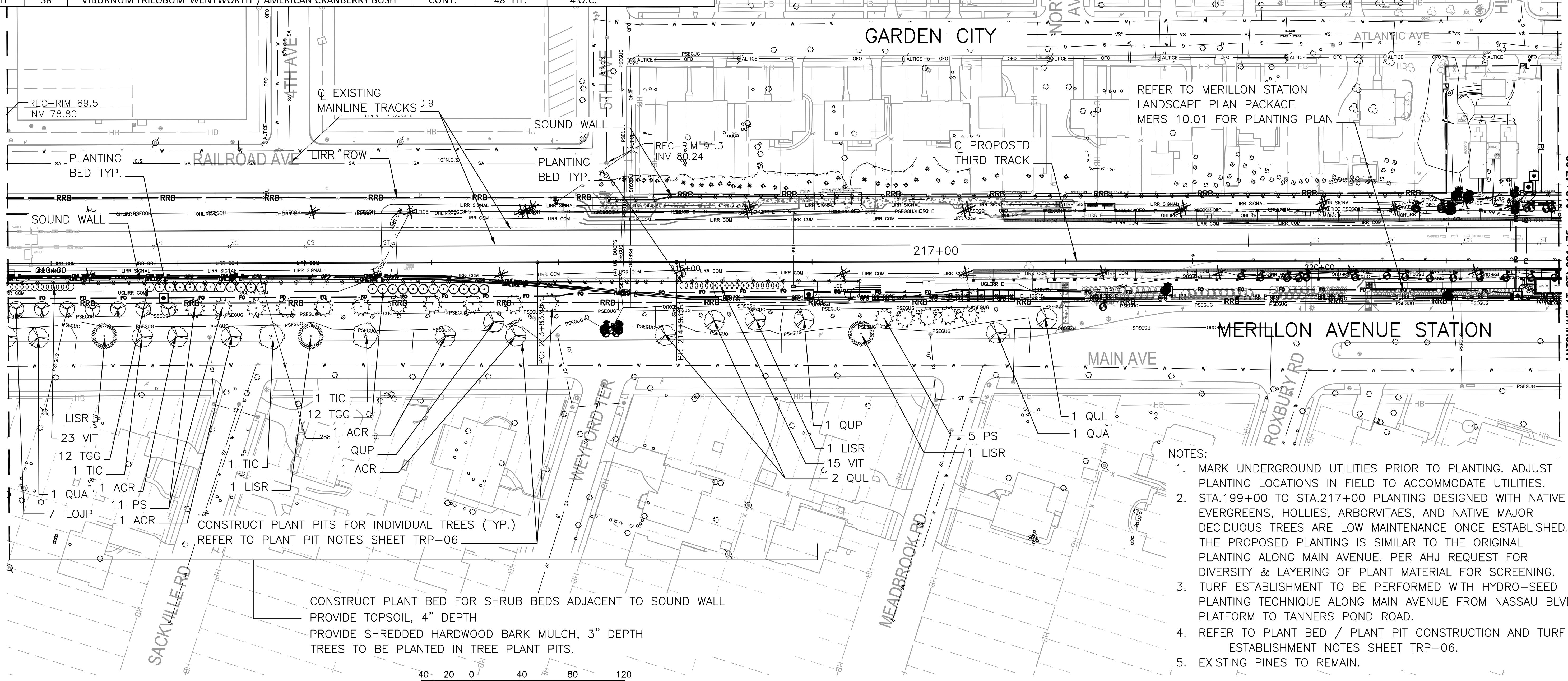
GRID NORTH

MATCHLINE AT STA.209+50 = 906+22.08

by: k dahill

Date: May 18, 2021 3:37pm

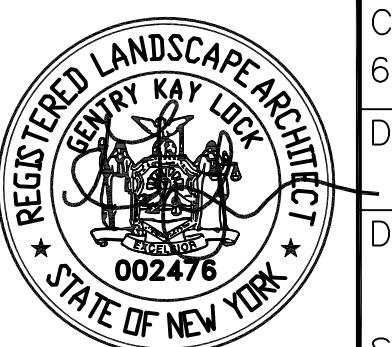
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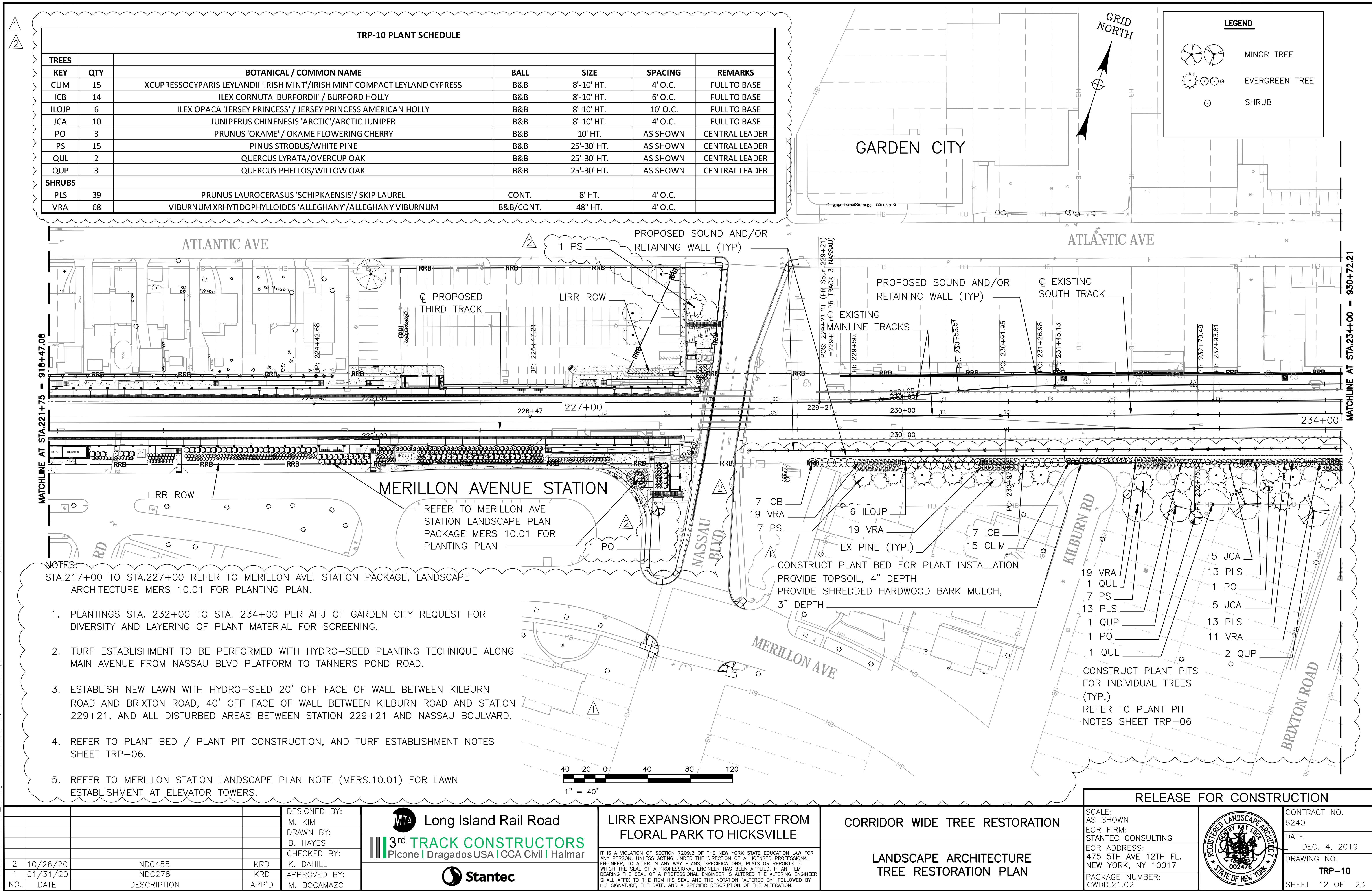
LIRR EXPANSION PROJECT FROM  
FLORAL PARK TO HICKSVILLE

IT IS A VIOLATION OF SECTION 7209.2 OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER IN ANY WAY PLANS, SPECIFICATIONS, PLATS OR REPORTS TO WHICH THE SEAL OF A PROFESSIONAL ENGINEER HAS BEEN APPLIED. IF AN ITEM BEARING THE SEAL OF A PROFESSIONAL ENGINEER IS ALTERED THE ALTERED ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE, THE DATE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

CORRIDOR WIDE TREE RESTORATION  
LANDSCAPE ARCHITECTURE  
TREE RESTORATION PLAN

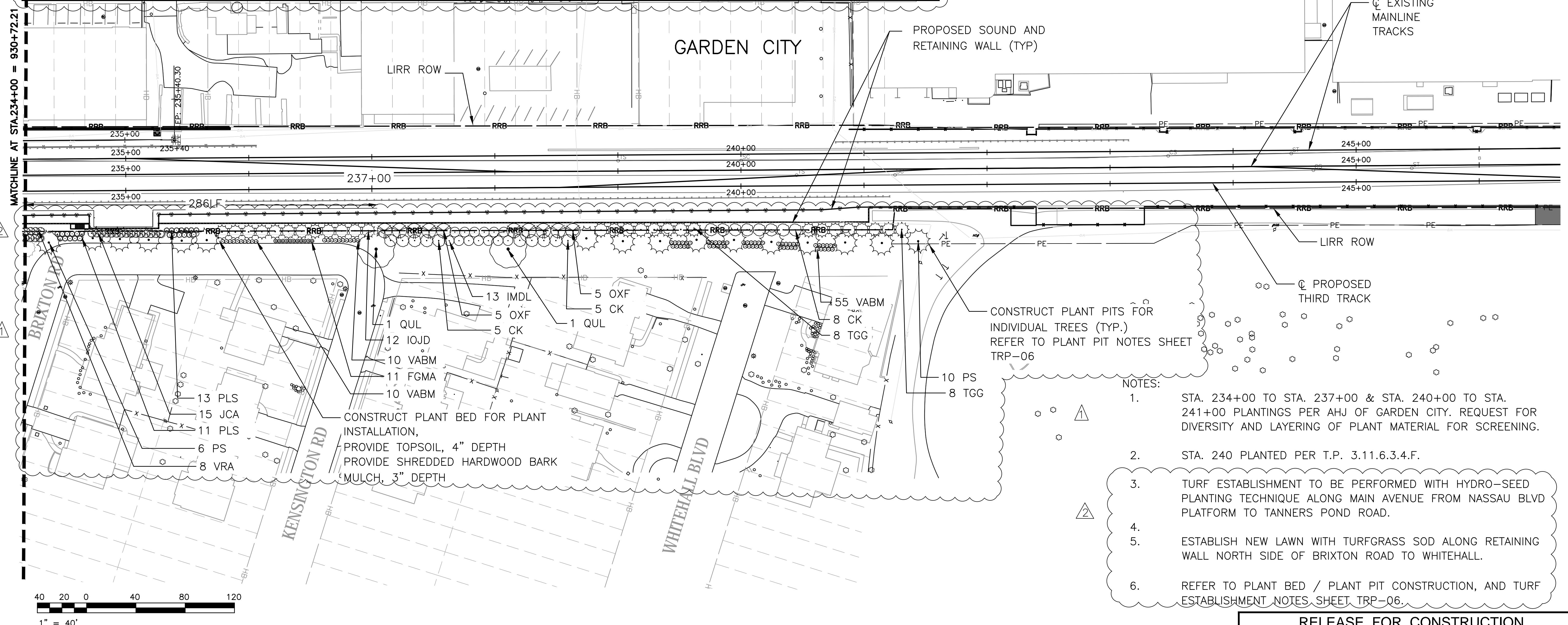
|  |                       |
|--|-----------------------|
| SCALE:<br>AS SHOWN   | CONTRACT NO.<br>6240  |
| EOR FIRM:<br>STANTEC CONSULTING                            | DATE<br>DEC. 4, 2019  |
| EOR ADDRESS:<br>475 5TH AVE 12TH FL.<br>NEW YORK, NY 10017 | DRAWING NO.<br>TRP-09 |
| PACKAGE NUMBER:<br>CWDD.21.02                              | SHEET 11 OF 23        |





TRP-11 PLANT SCHEDULE

| TREES  |     | BOTANICAL / COMMON NAME  |  | BALL      | SIZE        | SPACING  | REMARKS        |
|--------|-----|--|--|-----------|-------------|----------|----------------|
| KEY    | QTY |  |  |           |             |          |                |
| CK     | 18  | CORNUS KOUZA / KOUSA DOGWOOD                                   |  | B&B       | 25' HT.     | 8' O.C.  | MULI-STEM      |
| IMDL   | 13  | ILEX X MESERVEAE 'DRAGON LADY' / DRAGON LADY HOLLY             |  | B&B       | 8'-10' HT.  | 12' O.C. | FULL TO BASE   |
| IOJD   | 12  | ILEX OPACA 'JERSEY DELIGHT' / JERSEY DELIGHT HOLLY             |  | B&B       | 8'-10' HT.  | 12' O.C. | FULL TO BASE   |
| JCA    | 15  | JUNIPERUS CHINENESIS 'ARCTIC' / ARCTIC JUNIPER                 |  | B&B/CONT. | 8'-10' HT.  | 4' O.C.  | FULL TO BASE   |
| OXF    | 10  | OSMANTHUS X FROTUNEI / FORTUNE'S OSMANTHUS                     |  | B&B       | 48" HT.     | 12' O.C. | FULL TO BASE   |
| PS     | 16  | PINUS STROBOS / WHITE PINE                                     |  | B&B       | 25'-30' HT. | AS SHOWN | CENTRAL LEADER |
| QUL    | 2   | QUERCUS LYRATA/OVERCUP OAK                                     |  | B&B       | 25'-30' HT. | AS SHOWN | CENTRAL LEADER |
| TGG    | 16  | THUJA 'GREEN GIANT' / GREEN GIANT ARBORVITAE                   |  | B&B       | 8'-10' HT.  | 12' O.C. | FULL TO BASE   |
| SHRUBS |     |  |  |           |             |          |                |
| FGMA   | 11  | FORTHERGILLA GARDENII 'MT. AIRY' / MT. AIRY DWARF FORTHERGILLA |  | CONT.     | 30" HT.     | 3' O.C.  |                |
| PLS    | 24  | PRUNUS LAUROCERASUS 'SCHIPKAENSIS' / SKIP LAUREL               |  | B&B/CONT. | 8' HT.      | 4' O.C.  |                |
| VABM   | 75  | VIBURNUM ARROWWOOD 'BLUE MUFFIN' / BLUE MUFFIN VIBURNUM        |  | CONT.     | 36" HT.     | 3' O.C.  |                |
| VRA    | 8   | VIBURNUM XRHYTIDOPHYLOIDES 'ALLEGHANY' / ALLEGHANY VIBURNUM    |  | B&B/CONT. | 48" HT.     | 4' O.C.  |                |



|                             |                        |                       |                          |                             |                       |  |         |   |                                |                               |
|-----------------------------|------------------------|-----------------------|--------------------------|-----------------------------|-----------------------|--|---------|---|--------------------------------|-------------------------------|
| File Name: trp-11-sin.ptdwg | DESIGNED BY:<br>M. KIM | DRAWN BY:<br>B. HAYES | CHECKED BY:<br>K. DAHILL | APPROVED BY:<br>M. BOCAMAZO | Long Island Rail Road | 3rd TRACK CONSTRUCTORS<br>Picone   Dragados USA   CCA Civil   Halmar | Stantec | LIRR EXPANSION PROJECT FROM FLORAL PARK TO HICKSVILLE | CORRIDOR WIDE TREE RESTORATION | RELEASE FOR CONSTRUCTION      |
| 2 10/26/20                  | NDC455                 | KRD                   |                          |                             |                       |  |         |   |                                | SCALE:<br>AS SHOWN            |
| 1 01/31/20                  | NDC278                 | KRD                   |                          |                             |                       |  |         |   |                                | CONTRACT NO.<br>6240          |
| NO. DATE                    | DESCRIPTION            | APP'D                 |                          |                             |                       |  |         |   |                                | DATE<br>DEC. 4, 2019          |
|                             |                        |                       |                          |                             |                       |  |         |   |                                | DRAWING NO.<br>TRP-11         |
|                             |                        |                       |                          |                             |                       |  |         |   |                                | PACKAGE NUMBER:<br>CWDD.21.02 |
|                             |                        |                       |                          |                             |                       |  |         |   |                                | SHEET 13 OF 23                |

**REGISTERED LANDSCAPE ARCHITECT**  
STATE OF NEW YORK  
002476