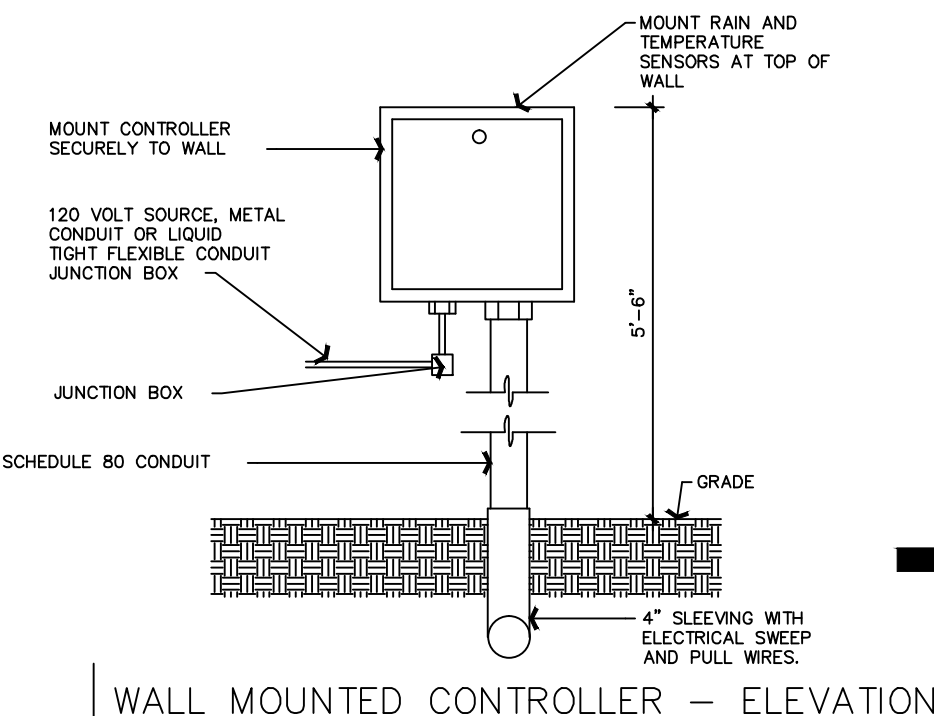
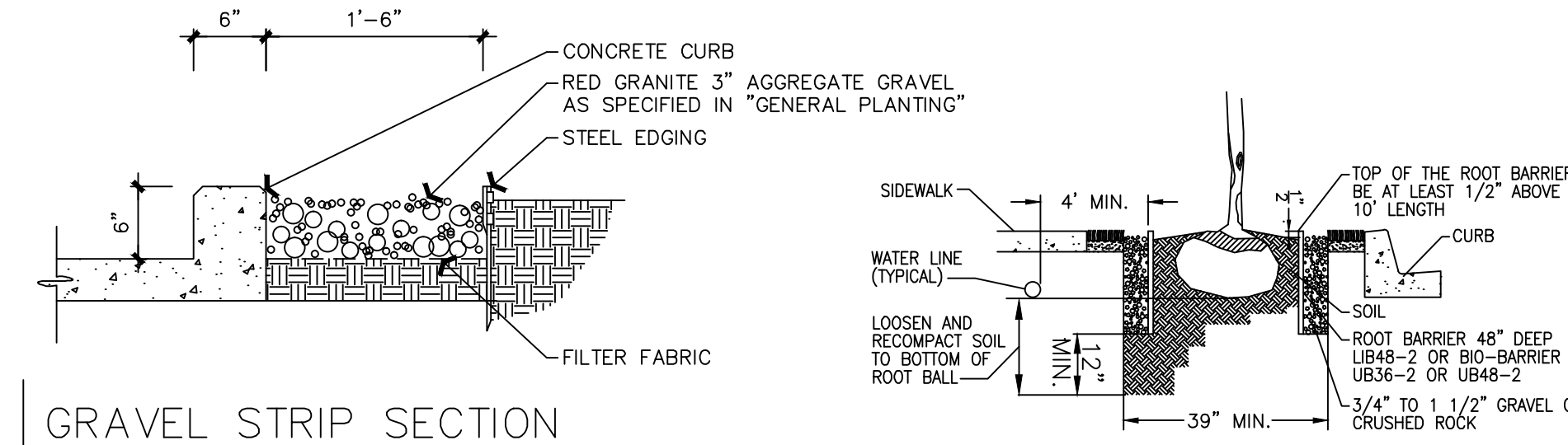


Main Line Thrust Blocks

NOT TO SCALE



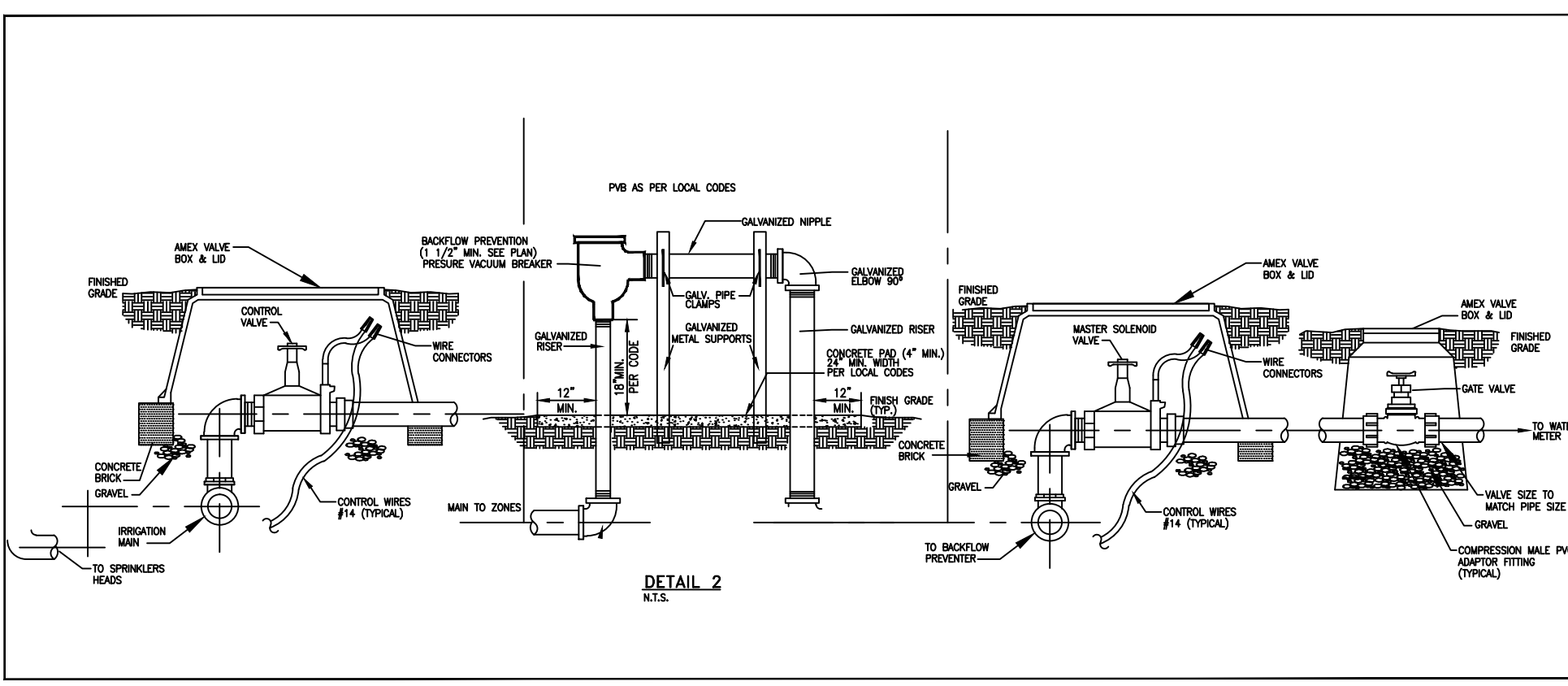
WALL MOUNTED CONTROLLER - ELEVATION



GRAVEL STRIP SECTION

\* ROOT BARRIER DETAIL (TYPICAL)

N.T.S. INJECTION MOLDED, RECYCLED POLYPROPYLENE ROOT BARRIER WITH DOUBLE TOP EDGE

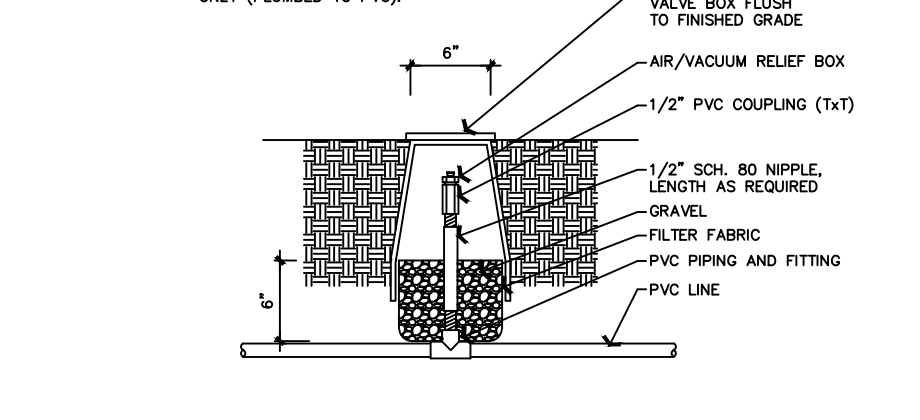


DETAIL 2

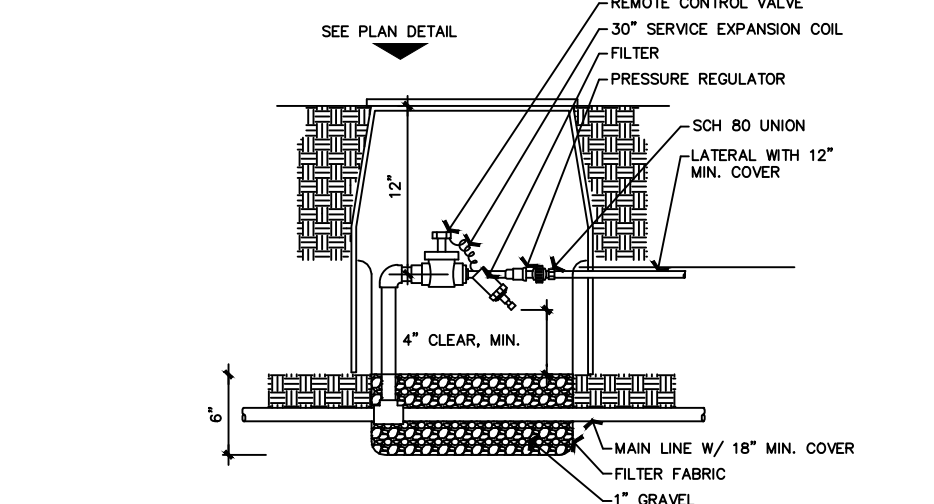
NOTES:

- 1. AIR/VACUUM RELIEF VALVE CANNOT BE CONNECTED LOWER THAN DRIPLINE LATERALS.

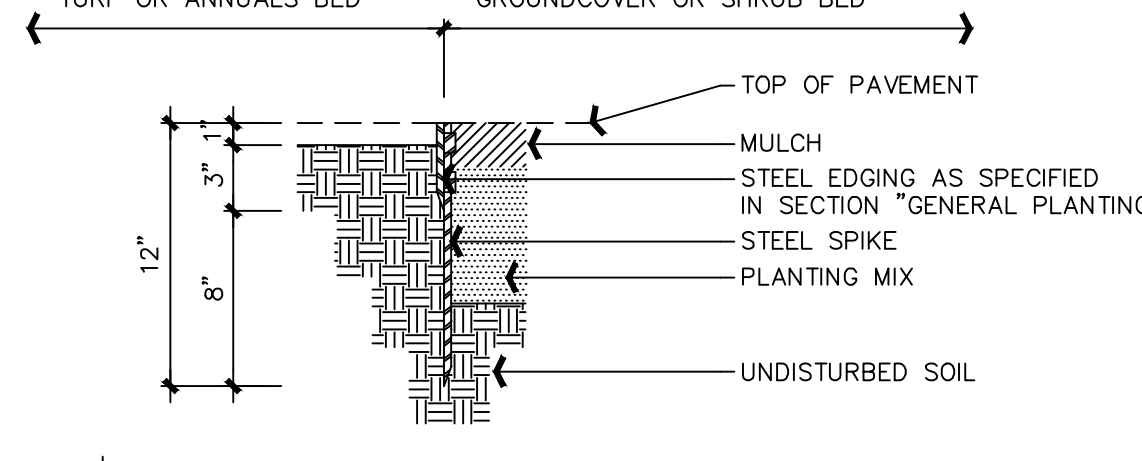
- 2. USE FOR ZONES OF 2' GRV OR LESS ONLY (PLUMBING TO PVS).



DRIP - RELIEF VALVE - SECTION

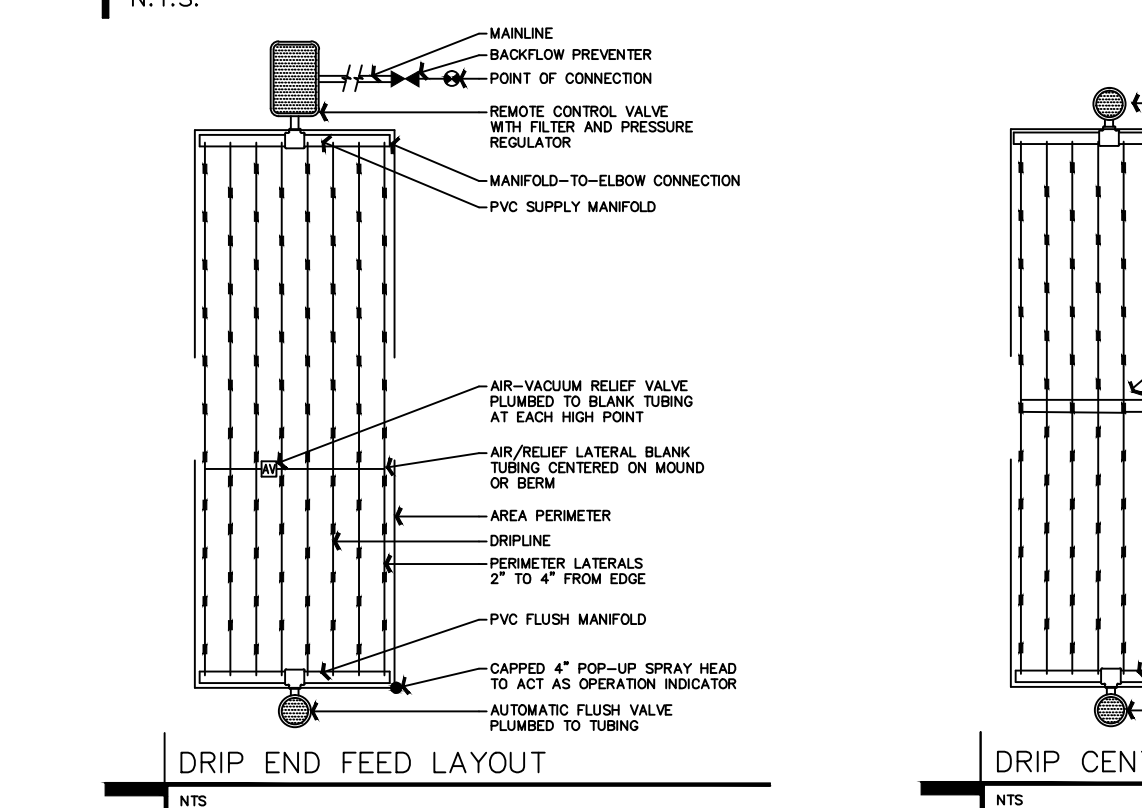


DRIP VALVE, REGULATOR & FILTER - SEC.



STEEL EDGING - SECTION

N.T.S.



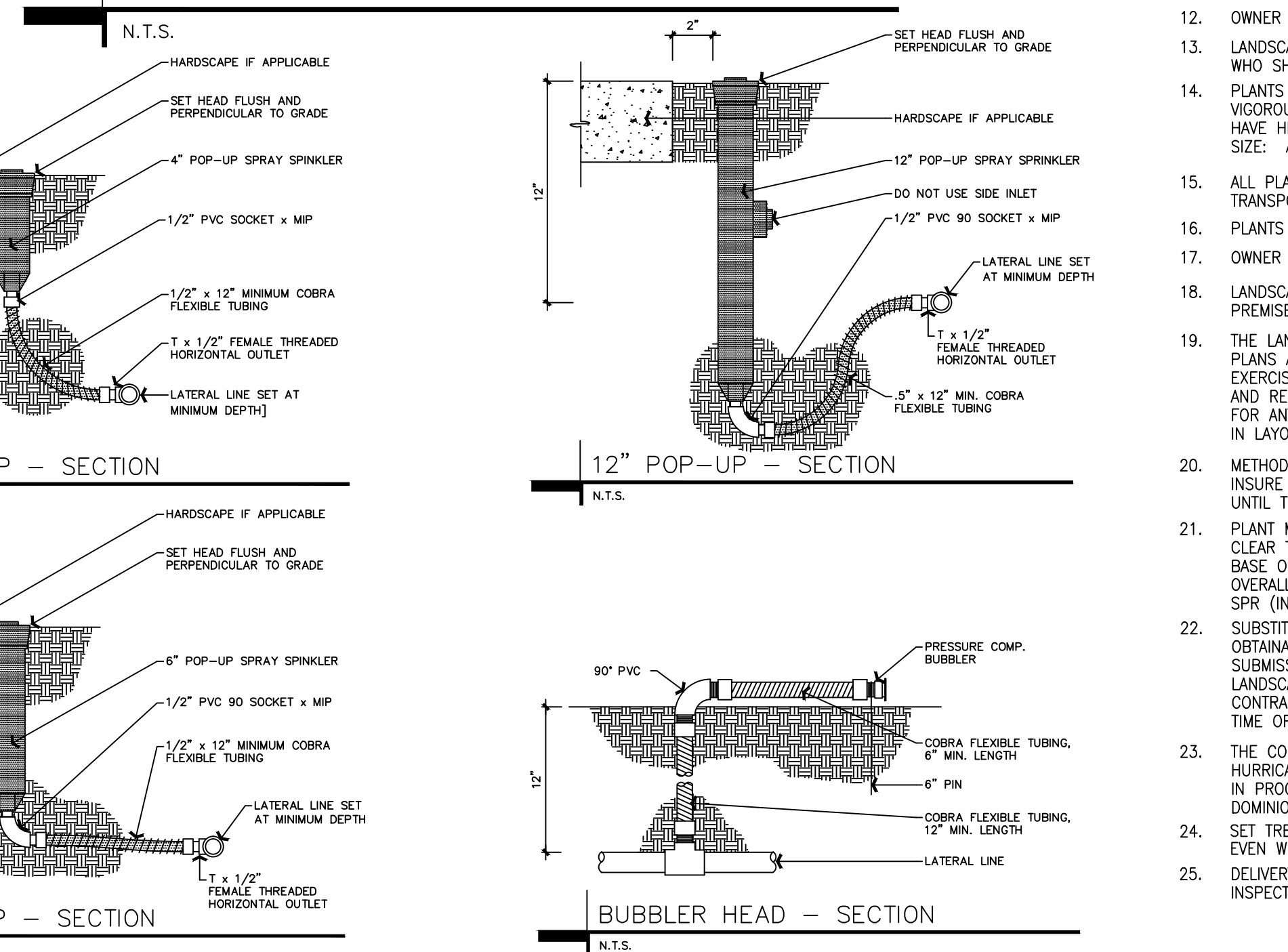
DRIP END FEED LAYOUT

DRIP CENTER FEED LAYOUT

IRRIGATION SPECIFICATIONS

- 1. HEADS TO BE INSTALLED IN PLANTERS AND BED AREAS SHALL BE 12" POP UP OR MUST BE APPROVED BY LANDSCAPE ARCHITECT TO BE LOCATED ON RISERS PRIOR TO INSTALLATION & SHALL BE PAINTED FLAT BLACK; IF APPROVED.
2. ALL MAINS AND SLEEVES MUST BE LOCATED ON RISERS PRIOR TO INSTALLATION & SHALL BE BURIED A MINIMUM OF 24" BELOW FINISH GRADE.
3. ALL LATERALS MUST BE PVC SCH 160 AND BURIED A MINIMUM OF 12" BELOW FINISH GRADE.
4. PROVIDE SLEEVES UNDER PAVEMENT PRIOR TO INSTALLATION OF SAME.
5. CONTRACTOR TO SIZE PIPING (UNLESS OTHERWISE SHOWN) AND ADJUST SPRAY HEADS LOCATION TO CONFORM WITH WATER REQUIREMENTS OF ACTUAL LANDSCAPING FOR ADEQUATE WATER COVERAGE.
6. IRRIGATION CONTRACTOR SHALL PROVIDE 100% COVERAGE TO ALL LANDSCAPED AREAS AND MAINTAIN A 50% MIN. OVERLAP USING RUST FREE WATER.
7. IRRIGATION CONTRACTOR TO PROVIDE 35 PSI AT ALL HEADS.
8. HEADS TO BE INSTALLED IN PLANTERS SHALL BE 12" POP UP OR MUST BE APPROVED BY LANDSCAPE ARCHITECT TO BE LOCATED ON RISERS PRIOR TO INSTALLATION.
9. IRRIGATION CONTROLLER SHALL BE LOCATED ON THE EXTERIOR BACK WALL OF BUILDING WITH LOCK BOX; IN HIGH CRIME AREAS, IRRIGATION CONTROLLER SHALL BE LOCATED IN MANAGER'S OFFICE.
10. BUILDING CONTRACTOR TO SUPPLY ELECTRICAL HOOK UP.
11. ALL WORK MUST BE DONE AS PER LOCAL CODES. CODES AND STANDARDS: ALL WORK SHALL BE INSTALLED AND COMPLY WITH "FLORIDA BUILDING CODE APPENDIX (F) PART V-A-1.", INCLUDING ORDINANCES AND REGULATIONS OF ALL GOVERNING AUTHORITIES. WORK ALSO SHALL COMPLY WITH THE AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) .
12. SYSTEM IS TO BE DESIGNED (IF NOT SHOWN ON PLAN) AND INSTALLED BY A QUALIFIED, LICENSED, AND INSURED LANDSCAPE IRRIGATOR.
13. SPRINKLER SYSTEM SHALL BE GUARANTEED FOR ONE YEAR AGAINST MECHANICAL DEFECTS.
14. IRRIGATION CONTRACTOR TO USE #14 DIRECT BURIAL LOW VOLTAGE WIRE AND INSTALLED UNDER SIDE OF MAIN LINES, TO INSURE PROTECTION AND LOCATING OF SAME, SLEEVED UNDER PAVEMENT AND WALKS, SPLICED ONLY AT VALVE LOCATIONS. ALL SPLICES SHALL BE MADE WATER PROOF, CONTROL WIRES SHALL BE COLOR CODED. ONE EXTRA WIRE SHALL BE RAN WITH EACH ZONE VALVE. IF K-RAINS NOT REQUIRED SEE PLAN FOR VALVE LOCATIONS.
15. ALL IRRIGATION LINE LOCATIONS SHOWN ON PLAN ARE APPROXIMATE. CONTRACTOR TO ADJUST TRENCHING IN FIELD FOR EXISTING CONDITIONS, PLANTINGS AND STRUCTURES AS REQUIRED.
16. IRRIGATION CONTRACTOR WILL BE RESPONSIBLE FOR HAVING UTILITIES LOCATED. CARE SHALL BE TAKEN NOT TO DISTURB ANY UNDERGROUND CONSTRUCTION OR UTILITIES. ANY DAMAGE TO THESE FACILITIES DURING THE PLANTING OPERATIONS WILL BE REPAIRED AT THE EXPENSE OF THE IRRIGATION CONTRACTOR IN A MANNER APPROVED BY THE OWNER.
17. ALL LANDSCAPED AREAS SHALL BE PROVIDED WITH AN UNDERGROUND FULLY AUTOMATIC IRRIGATION SYSTEM USING POP-UP SPRINKLERS. SYSTEM SHALL PROVIDE 100% COVERAGE WITH A 50% OVERLAP (MINIMUM) USING RUST FREE WATER, EXCEPT PRESERVED AREAS REMAINING IN NATURAL STATE. A RAIN SENSOR DEVICE OR SWITCH SHALL BE INSTALLED THAT WILL OVERRIDE THE IRRIGATION SYSTEM WHEN ADEQUATE RAINFALL HAS OCCURRED. WATER SHALL NOT BE DIRECTED AND/OR PROVIDED ONTO IMPERVIOUS SURFACES AND/OR BE DESIGNED OR INSTALLED TO THROW WATER OVER IMPERVIOUS SURFACE SUCH AS SIDEWALKS, ETC.. HOURS OF OPERATION FOR ALL IRRIGATION SYSTEMS SHALL BE LIMITED TO 500 PM TO 8:00 AM ONLY OR AS MAY BE FURTHER RESTRICTED BY SOUTH FLORIDA WATER MANAGEMENT DISTRICT OR OTHER JURISDICTIONAL AGENCY.

ROTARY HEAD



4" POP-UP - SECTION

12" POP-UP - SECTION

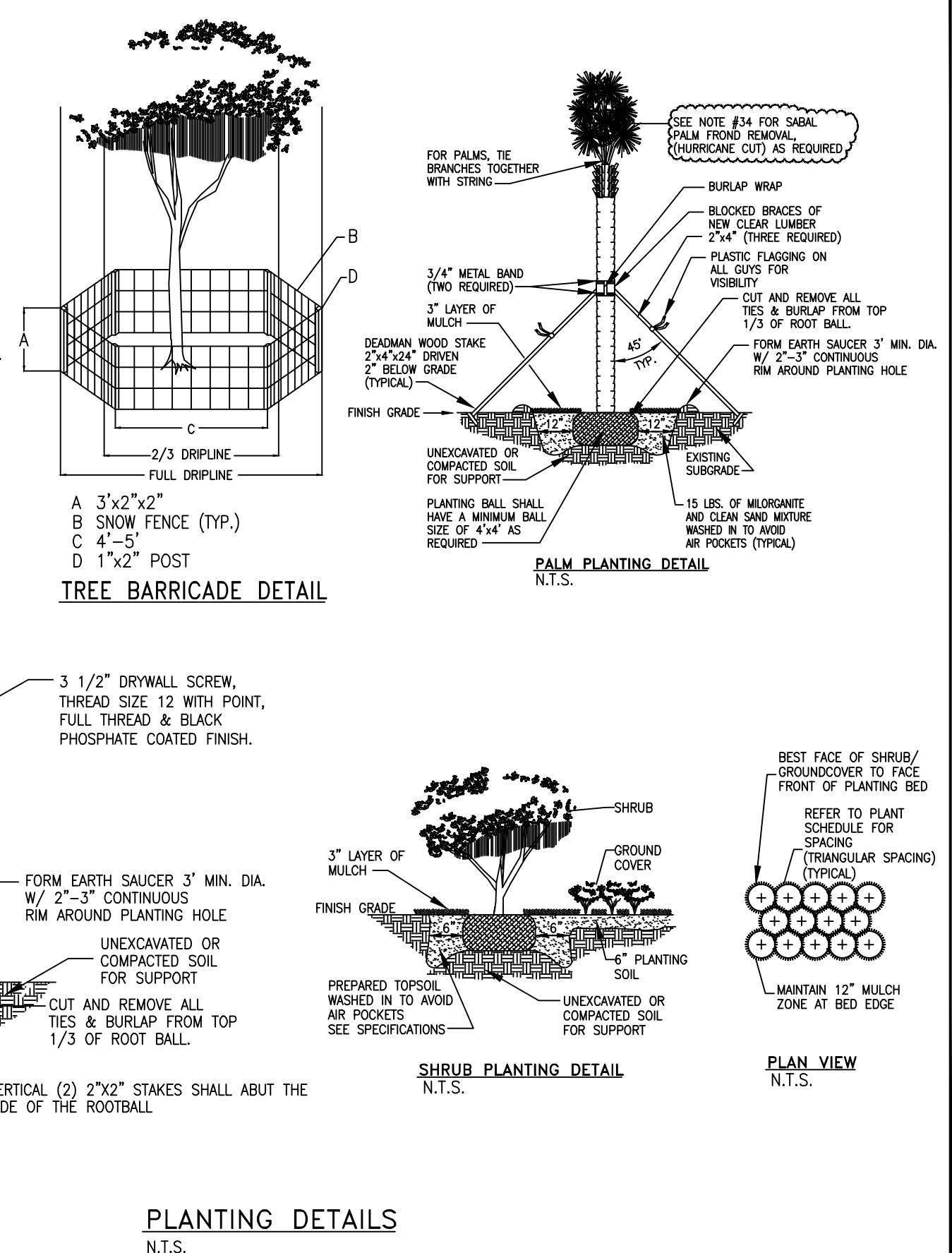
6" POP-UP - SECTION

BUBBLER HEAD - SECTION

LANDSCAPE SPECIFICATIONS

- 1. CONTRACTOR SHOULD MAKE HIS OWN TAKE OFF TO ELIMINATE DISCREPANCIES. IN CASE THEY OCCUR, THE PLAN WILL TAKE PRECEDENCE OVER THE PLANT LIST.
2. EXACT LOCATION OF PLANT MATERIAL MAY VARY SLIGHTLY, COORDINATE FIELD LOCATIONS WITH OTHER TRADES PRIOR TO COMMENCEMENT OF WORK. THE LANDSCAPE PLANS SHALL NOT BE UTILIZED FOR STAKING, LAYOUT OR LOCATIONS OF ANY SITE STRUCTURE OR FEATURE INCLUDING BUT NOT LIMITED TO BUILDINGS, SIGNS, SIDEWALKS, EASEMENTS, UTILITIES OR ROADWAYS.
3. ALL PLANT MATERIAL FURNISHED BY THE LANDSCAPE CONTRACTOR SHALL BE FLORIDA #1 OR BETTER AND SHALL BE INSTALLED AS SPECIFIED IN "FLORIDA DEPT. OF AGRICULTURAL GRADES AND STANDARDS", CURRENT EDITION RESPECTIVELY.
4. ALL PLANTING TO BE DONE ACCORDING TO GOOD NURSERY PRACTICE.
5. ALL PLANTING MATERIAL SHALL BE GUARANTEED 365 DAYS (1 YEAR) FROM TIME OF FINAL INSPECTION & APPROVAL.
6. ALL SOD TO BE ST. AUGUSTINE FLORATAM SOLID, UNLESS OTHERWISE NOTED.
7. ALL BED AREAS TO RECEIVE A 3" LAYER OF EUCALYPTUS MULCH / FLORIMULCH, & SHALL BE A MIN. OF 1'-0" WIDER THAN PLANTS (MEASURED FROM OUTSIDE OF FOLIAGE).
8. ALL TREES TO HAVE A 2 1/2" MINIMUM TRUNK CALIPER OR UNLESS OTHERWISE SHOWN ON LANDSCAPE LEGEND.
9. ALL TREES FIELD GROWN (LIRO CAN TREES NOT ACCEPTABLE), UNLESS OTHERWISE SHOWN.
10. LANDSCAPER TO FURNISH ALL MATERIALS AND LABOR INCLUDING PLANTS, MULCH, TOP DRESSING, SOIL PREPARATION, DECORATIVE ITEMS (IF SHOWN), INSPECTIONS, TRANSPORTATION, WARRANTY, PERMITS, ETC., NECESSARY FOR COMPLETION OF ALL LANDSCAPING REQUIRED HEREIN EXCEPT IF DESIGNATED TO BE BY OTHERS.
11. LANDSCAPE ARCHITECT SHALL BE NOTIFIED OF ANY CHANGES IN THE MATERIAL OR DESIGN PRIOR TO INSTALLATION OF THE SAME.
12. OWNER RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS.
13. LANDSCAPER SHALL HAVE A COMPETENT SUPERINTENDENT PRESENT ON THE JOB WHO SHALL BE AUTHORIZED TO REPRESENT THE LANDSCAPER IN HIS ABSENCE.
14. PLANTS SHOULD BE TYPICAL FOR THEIR VARIETY AND SPECIES, SOUND, HEALTHY VIGOROUS, FREE FROM PLANT DISEASE, INSECTS OR THEIR EGGS. THEY SHALL HAVE HEALTHY NORMAL ROOTS AND SHALL NOT BE ROOT BOUND. QUALITY AND SIZE: ALL PLANT MATERIALS SHALL BE NURSERY GROWN UNLESS OTHERWISE NOTED.
15. ALL PLANT MATERIAL SHALL BE HANDLED IN A CAREFUL MANNER DURING TRANSPORTATION AND INSTALLATION.
16. PLANTS SHALL NOT BE PRUNED OR TOPPED BEFORE DELIVERY.
17. OWNER RESERVES THE RIGHT TO APPROVE ALL PLANT MATERIALS.
18. LANDSCAPER SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE DAILY. THE PREMISES SHALL BE KEPT NEAT AND ORDERLY AT ALL TIMES WHILE WORK IS IN PROGRESS.
19. THE LANDSCAPE CONTRACTOR SHALL LAY OUT HIS WORK ACCORDING TO THE PLANS AND SPECIFICATIONS AND WILL BE RESPONSIBLE FOR ALL MEASUREMENTS EXERCISING SPECIAL CARE IN LAYING OUT WORK TO KEEP WITH PROPERTY LINES AND RECOGNIZING EASEMENTS. THE LANDSCAPE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY ERRORS. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IN LAYOUT.
20. METHODS OF PROTECTION SHALL BE MAINTAINED AT ALL TIMES, AS REQUIRED TO INSURE ALL PERSONS AND PROPERTY AGAINST INJURY, AND SHALL BE MAINTAINED UNTIL THE COMPLETION OF ALL WORK.
21. PLANT MATERIALS ABBREVIATIONS ON THE PLANT LIST: FG (FIELD GROWN); OT (INDICATES CLEAR TRUNK MEASUREMENT FROM THE TOP OF BALL TO FIRST BRANCHING OR BASE OF THE LOWEST FROND); GAL (GALLON CAN); 3 GAL (3 GALLON CAN); GA (INDICATES OVERALL HEIGHT FROM TOP OF BALL TO MID POINT OF CURRENT SEASON'S GROWTH); SPR (INDICATES SPREAD); HVY (INDICATES HEAVY); MIN (INDICATES MINIMUM).
22. SUBSTITUTION: PLANT SUBSTITUTION REQUESTS, FOR PLANT MATERIAL NOT OBTAINABLE IN THE TYPE AND SIZES SPECIFIED SHALL BE MADE PRIOR TO SUBMISSION OF BIDS. ALL SUBSTITUTION REQUESTS SHALL BE DIRECTED TO THE LANDSCAPE ARCHITECT FOR CONSIDERATION AND APPROVAL. IT IS THE LANDSCAPE CONTRACTOR'S OBLIGATION TO KNOW WHERE THEY CAN OBTAIN ALL MATERIAL AT THE TIME OF BIDDING AND AT THE TIME A CONTRACT IS EXECUTED.
23. THE CONTRACTOR'S GUARANTEE SHALL NOT APPLY IN THE EVENT OF FIRE, FLOOD, HURRICANE, WINDSTORM OR OTHER "ACTS OF GOD" OR DAMAGES TO LANDSCAPING IN PROGRESS CAUSED BY ANY PERSONS OTHER THAN THOSE PERSONS UNDER THE DOMINION AND CONTROL OF THE CONTRACTOR.
24. SET TREES NO DEEPER THAN IT WAS IN ITS ORIGINAL GROWING WITH THE ROOT BALLS EVEN WITH, OR SLIGHTLY HIGHER (+1") THAN THE FINISHED GRADE.
25. DELIVERY RECEIPTS FOR TOPSOIL, PLANTING SOIL & MULCH SHALL BE SUPPLIED TO THE INSPECTOR OR LANDSCAPE ARCHITECT UPON REQUEST.

NOTE: SET THE TREE/PALM NO DEEPER THAN IT WAS IN ITS ORIGINAL GROWING AT +1(10%) ABOVE FINAL GRADE LEVEL. NO MULCH SHALL TOUCH TRUNKS OF THE TREES OR PLANTS

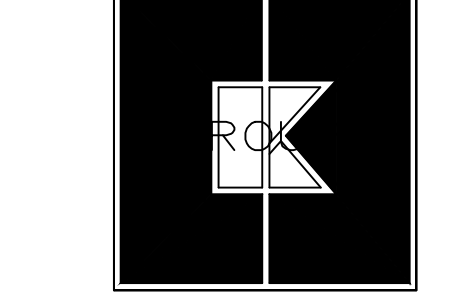


TREE BARRICADE DETAIL

PALM PLANTING DETAIL

SHRUB PLANTING DETAIL

PLANTING DETAILS



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SEAL EDUARDO J. CARCACE CIVIL ENGINEER-PE 31914 ANA A. GONZALEZ VALDEZ ARCHITECT-AR 97769

Table with 3 columns: NO., DATE, DESCRIPTION. Contains revision symbols and dates.

RBL#18-04-2101 DRAWN BY: RICK BARTLETT 04/06/2018 CHECKED BY: RGB/MER

Table with 3 columns: NO., DATE, DESCRIPTION. Contains contract details and building information.

TACO BELL 20711 SO. DIXIE HWY. COUTLER BAY, FL



Explorer Lite SPECIFICATIONS SHEET

L-4

PLOT DATE: 04-11-2018