



**Hillsborough
County Florida**

CIP NO.	FISCAL YEAR	SHEET NO
	24	1

WESTSHORE ALLIANCE

**CONTRACT PLANS
WEST SHORE BOULEVARD
MEDIAN LANDSCAPE AND PUBLIC ART**

CIP #

CONTRACT PLANS COMPONENTS:
LANDSCAPE PLANS

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END PROJECT
CONST. LANDSCAPE
STA. 453+16.00

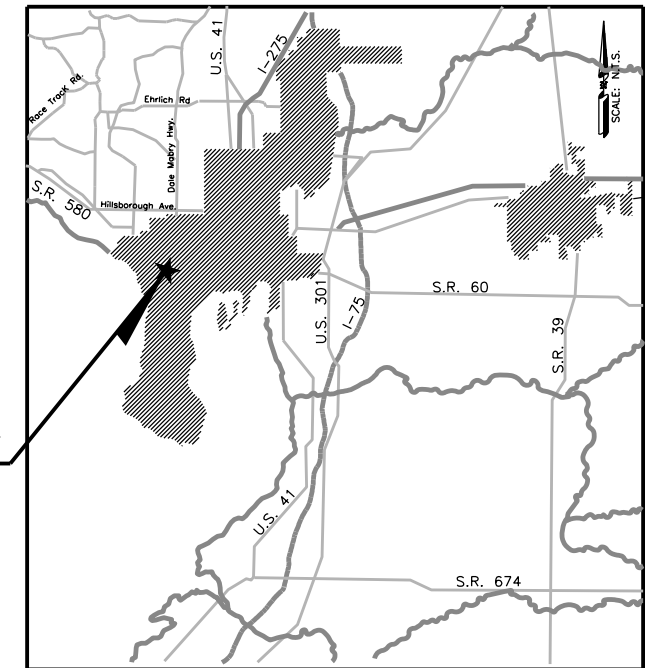
END PROJECT
CONST. LANDSCAPE
STA. 415+39.00

BEGIN PROJECT
CONST. LANDSCAPE
STA. 427+48.00

BEGIN PROJECT
CONST. LANDSCAPE
STA. 400+83.00



LOCATION MAP



LOCATION OF PROJECT



**90% PLANS
FOR REVIEW ONLY
NOT FOR CONSTRUCTION**

GOVERNING DESIGN STANDARDS:

Florida Department of Transportation, FY 2024 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

Hillsborough County Standard Details and General Notes are available at the following website: <https://www.hillsboroughcounty.org/en/government/county-projects/consultant-cip-project-resources/standard-details-and-project-plan-sheet-templates>

GOVERNING STANDARD SPECIFICATIONS:

Hillsborough County Public Works Standard Specifications for Construction OCTOBER 2024 and FDOT Standard Specifications for Roadway and Bridge Construction, Divisions II & III as directed under the Hillsborough County Standard Specifications for Construction.

REVISIONS		
DATE	BY	DESCRIPTION

CLIENT:



WESTSHORE ALLIANCE
MICHAEL MAURINO, EXECUTIVE DIRECTOR
3109 W. DR. MLK JR. BOULEVARD, SUITE 140
TAMPA, FL 33607
(813)-289-5488

COUNTY C.I.P. PROJECT MANAGER

PLANS PREPARED BY:



JONATHAN H. TONER, PLA NO. 0001123
TERRA TECTONICS design group, Inc.
1188 KAPP DRIVE
CLEARWATER, FL 33765
(727) 441-4504

LANDSCAPE ARCHITECT OF RECORD: JONATHAN H. TONER, PLA
LA NO.: 0001123

KEY SHEET REVISIONS	
DATE	DESCRIPTION

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

GENERAL NOTES

1. Roadway Design Speed is 45 **MPH**.
2. Maintenance of Traffic for landscaping work will be coordinated with Hillsborough County. The current standards apply.
3. Criteria based on the FDOT Design Manual.
4. All applicable departmental Maintenance of Traffic standards shall be utilized at all times while construction and maintenance activities are being performed as a result of this project.
5. The minimum horizontal clearance between the back of curb and trees is 4'. The maximum height for shrubs is 3' 6" measured from the road pavement and shall not be exceeded at any time.

CLEARING AND GRUBBING

Where plant beds, trees and palms are installed in sodded areas or areas with other plant growth, existing plants shall be removed, and the plant bed prepared to meet the requirements below before planting. Existing sod shall be treated with herbicide and contractor shall follow manufacturer's directions for the appropriate waiting period to confirm the sod is dead, before continuing construction of the landscape. The plant beds shall be marked and the sod removed within the plant beds areas other than the Perennial Peanut beds. The soil tests shall determine what additives or nutrients shall be placed in the beds Remove all construction debris, trash, concrete, and limestone from the plant beds.

EXISTING LANDSCAPE

All existing landscape and sod to be removed in areas of proposed plantings. Contractor to patch existing sod in areas disturbed by construction with utilizing the existing sod type, after construction is completed.

EXCAVATION OF EXISTING MEDIAN SOILS

The existing soils in the planted medians shall have 8" of existing soils removed. Care shall be taken not to disturb existing utilities, sleeves, conduits and other equipment in the medians. If any of the existing items are damaged, they will need to be replaced by like/kind in same depth and locations. Be aware of the existing City of Tampa Water Main running below the medians. Call 811 before any digging. This removed soil shall be replaced with New Prepared Planting Soils to a depth of 2-1/2' below top of curb. In some cases, there may be more than 8" of replaced soils.

PREPARED SOILS

The prepared topsoil shall consist of the following:

Minimum of 2.5% organic matter, not to exceed 4%, and the pH range shall be 5.0 to 7.5 and shall contain no substance which will impede plant growth. If pH is not between 5.0 and 7.5, add approved soil conditioner/additive to bring pH within that range. Maximum Soluble Salts: 200 ppm. Contractor to submit sample and soil analysis, for approval by Landscape Architect, before delivery to site.

PRE-EMERGENT ON PREPARED SOIL LAYER

Prior to mulching, the proposed plant beds indicated on plans, shall be treated with granular Pre-Emergent Herbicide containing 1% Benefin and 1% Oryzalin. Apply granular herbicide per manufacturer's directions. Use a properly calibrated granular applicator and do not apply chemical directly onto leaves of plants. Applicator shall be licensed by State of Florida and trained for proper application.

TREE PLACEMENT

Adjust trees and palms to be placed as far from utilities as possible with the 811 locators. If utilities are located at the planned tree planting location – the contractor shall contact the Landscape Architect (727.441.4504) for directions before planting.

LANDSCAPE COMPLETE - STAKING AND GUYING

Staking and Guying shall be included in the cost of the plant material. See plan details for staking and guying.

LANDSCAPE COMPLETE - MULCH – PINE STRAW

All new shrub beds shall be mulched with Pine Straw. Cypress mulch will not be allowed on the job site. Planting quantities do not include mulch in shrub beds or tree/palm beds and individual trees/palms. The mulch shall be free of other vegetative yard waste, plastic, glass, metal, palm trees, sand and other foreign materials. The mulch shall have the consistency of appearance. The mulch shall be certified to be sterile and free from viable weed and grass seed.

CLEARING AND GRUBBING

Project site shall be free of shrub/tree/palm paper, boards, chips, sticks, trash, or any other undesirable material. There shall be no exotic or noxious weeds or weed seeds (i.e. Nut grass, Bermuda grass, Sedges and the like). In no case shall there be more than 5% by volume of stones, limestone, asphalt waste to pay items ratio. Where plant beds, trees and palms are installed in sodded areas or areas with other plant growth, existing plants shall be removed and the plant bed prepared to meet the requirements below before planting. with the peanut. Plant beds shall have Bahia sod removed in its entirety to a depth of 3" before planting any of the shrub and ground cover materials.

LANDSCAPE COMPLETE - 12 MONTH MAINTENANCE & WARRANTY PERIOD

There shall be a Landscape establishment and maintenance period of one year after final acceptance included in the contract pricing from Contractors during bidding, for the items shown in the project specifications. All plant materials shall be maintained in a Florida #1 Condition. Any plant materials not found to be in this condition shall be replaced by the Contractor at his expense, including materials and labor, at the end of every calendar quarter, from date of Final Acceptance until 12 months from the date of Final Acceptance.

IRRIGATION

The Contractor shall provide a Unit Price for drip and or low volume irrigation and tree bubbler irrigation for the items shown on the unit price bid sheet. The cost shall be inclusive of all fixtures pipes and appurtenances for the installation, connection to existing water supplies and coordination with City of Tampa irrigation system. Included will be the activation of an irrigation system for each and various properties shown as an approved easement, on these plans. The Contractor will also supply a Lump Sum price for the entire project as shown on plans, for the plantable areas indicated.

Irrigation and maintenance of irrigation system will be managed by the City of Tampa Parks Department. Contact Ken Stead (813.690.7111) ken.stead@tampagov.net

Watering timing will be to keep the plant materials in no less than a Florida #1 condition. Any plant materials that suffer or perish due to over or under watering, will be the Contractors responsibility to replace at their expense.

90% PLANS, FOR REVIEW ONLY, NOT FOR CONSTRUCTION

REVISIONS				 JONATHAN H. TONER, PLA, ISA LICENSE NO. 0001123 TERRA TECTONICS design group, Inc. 1188 KAPP DRIVE CLEARWATER, FL 33765	 WESTSHORE ALLIANCE 3109 W. DR. MLK JR. BOULEVARD SUITE 140 TAMPA, FL 33607	MEDIAN LANDSCAPE AND PUBLIC ART		CIP NO.	SHT. NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			GENERAL NOTES (1)			LD-02

LANDSCAPE COMPLETE - B+B Plant Materials

The B+B (Balled +Burlapped) plant materials shall be field grown, hardened-off a minimum of 3-4 weeks before delivery to job site and shall be balled and burlapped and of sizes according to the 2022 Florida Grades and Standards for Nursery Plants. All other material under this pay item number is to be container grown.

LANDSCAPE QUALITY STANDARD

All Plant materials shall be delivered to the site in a 'Florida No.1' condition, according to the 2022 Florida Grades and Standards for Nursery Plants. Root ball, canopy spread, overall height as well as caliper inches, shall comply with 'Florida No.1' requirements.

PLAN REVIEW CONTACT INFORMATION

Hillsborough County:
Allen Howell, howellal@HCFL.Gov, P: 813.307.1828, M: 813.373.1945

City of Tampa:
Irrigation: Ken Akin, ken.akin@tampagov.net, 813.274.3339
Plantings: Ken Stead, ken.stead@tampagov.net, 813.690.7111

ESTABLISHMENT PERIOD

1. MOWING

90 DAY ESTABLISHMENT -WEEKLY CYCLE: CONTRACTOR TO MOW GRASS AT 4" HEIGHT, TWICE A MONTH WITHIN PROJECT LIMITS DURING ESTABLISHMENT PERIOD.

2. WEEDING

90 DAY ESTABLISHMENT PERIOD: CONTRACTOR SHALL WEED ALL PLANTING BEDS AND INDIVIDUAL TREE WELLS ONCE EVERY THREE MONTHS DURING THE 90 DAY WARRANTY PERIOD.

3. PRUNING

90 DAY ESTABLISHMENT PERIOD: AS NEEDED TO MECHANICALLY REMOVE DAMAGED BRANCHES AS A RESULT OF HANDLING. CONTRACTOR SHALL MAINTAIN STATE OF FLORIDA NO. 1 FORM TO ATTAIN FINAL ACCEPTANCE.

4. FERTILIZATION

90 DAY ESTABLISHMENT PERIOD: PALMS, TREES AND SHRUBS SHALL BE FERTILIZED, PER MANUFACTURER'S RECOMMENDATION, AS PLANTED USING A COMPLETE SLOW RELEASE FERTILIZER APPROXIMATELY 2 WEEKS BEFORE THE END OF THE ESTABLISHMENT PERIOD. THE FERTILIZER SHALL BE UNIFORMLY PLACED AROUND THE ROOT BALL AT THE TOP OF PREPARED BACKFILL.

5. EDGING

90 DAY ESTABLISHMENT PERIOD: CONTRACTOR SHALL EDGE ALL PLANTING BEDS AND INDIVIDUAL TREE WELLS TWICE A MONTH WITHIN PROJECT LIMITS DURING THE 90 DAY WARRANTY PERIOD.

6. MULCHING

90 DAY ESTABLISHMENT PERIOD: MULCH SHALL BE MAINTAINED AS SPECIFIED IN A 3 INCH LAYER OF PINE STRAW AND REINSTALLED 2 WEEKS BEFORE THE END OF THE ESTABLISHMENT PERIOD.

7. STAKING

SEE DETAILS - ROOT BALL BRACES SHALL REMAIN IN PLACE

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GENERAL LANDSCAPE NOTES

1. Implementation of this plan shall conform to the highest standards of the trade.
2. Prior to submission of bid, the Contractor shall visit the site and fully inform himself of the conditions under which the work is to be accomplished.
3. The work includes soil preparation, finish grading, supplying and planting of trees, shrubs, groundcovers, and sod of the species, sizes and quality as shown on the drawings and/or as specified herein.
4. Provided Plant material shall be graded Florida Fancy or better as outlined under the 2022 - "Grades and Standards for Nursery Plants", Parts I and II, State of Florida, Department of Agriculture, and shall conform to American Standard for Nursery Stock (ANSI Z60.1-2014).
5. The Contractor shall provide irrigation maintenance from the date of installation to the date of Final Acceptance. Contractor shall monitor the watering to maintain the plant materials in a 2022 Florida Nursery Grades and Standards Florida Fancy condition.
6. The Contractor shall provide a Unit Price for drip irrigation and spray irrigation and tree bubbler irrigation for the items shown on the unit price bid sheet. The cost shall be inclusive of all fixtures pipes and appurtenances for the installation and activation of an irrigation system for each and various properties shown as an approved easement, on these plans. The pricing shall be a lump sum price.
7. The Contractor shall secure any and all necessary specialty permits for the work, prior to commencement of their operations on-site. Copies of permits shall be sent to the Hillsborough County Construction representative.
8. The Contractor shall verify all utility locations (existing and proposed), related paving, elevations, water and electrical supply, etc. prior to start of work. Notify the General Contractor and the Landscape Architect of Record in writing of unsatisfactory conditions prior to start of work. Start of work will indicate acceptance of conditions and full responsibility for completed work.
9. Verify all underground and above-ground utility locations prior to any excavation. If underground construction, utilities or obstructions are encountered during the excavation of planting areas or pits, immediately inform the Landscape Architect of Record. Alternate locations for the plant material(s) will be selected by the Landscape Architect of Record. Such changes in location shall be made by the Contractor without additional compensation.
10. The Contractor shall bear sole responsibility for any and all damages that result from his activities due to improper verification of utilities and/or operator error during excavations. Coordinate on-site with the Hillsborough County Construction representative before digging or commencement of any work.
11. Project Site shall be clear of debris and weed growth before any plantings shall commence. If weed growth is still present and viable, contractor shall re-spray with herbicide and wait the required time period, according to manufacturer's instructions.
12. Required erosion control measures must remain intact throughout construction. All storm water runoff must be directed to the retention areas by way of the roadway inlets and any surface grading within the medians.
13. Notify the Landscape Architect of Record of site conditions which may require planting design adjustments. Submit proposed changes for written approval to FDOT prior to the installation of plant materials.
14. Planting Limits refer to the FDOT Design Manual and are based on project design speed and median applications for this project, which is based on <45mph.
Outside roadways: Locate trees no less than 4 feet from face of curb in accordance with the FDOT Design Manual, 215-Roadside Safety.
15. Inside medians: Locate trees no less than 6 feet from the edge of traffic lane and in accordance with FDOT Design Manual, 212-Intersections.
16. Prior to planting Contractor to remove top 12" of soil in the medians and replace with prepared top soil. Provide lump sum cost of soil replacement.
Contractor shall be responsible for removing construction debris, limestone, concrete, trash and other items deemed detrimental to proper plant growth, as found within the areas of the plantings in the medians. Contractor shall adjust the soil parameters as needed, by use of additives or modifiers to bring the soils within the needed range. This will be determined and indicated in the soil tests for each median. Copies of the soil tests and the contractors remedial action plan will be sent to Landscape Architect of Record, for review and approval, prior to delivery and installation of plant material to the site. If planting begins before soils tests are performed, Landscape Architect reserves the right to reject all plant materials and have them removed from the site.
17. Fertilize shrubs and plant beds with 2-0-10 or 2-10-10 (if Phosphorus deficiency detected) with minors, granular timed-release fertilizer.
18. Fertilize by depositing the proper quantity of fertilizer as required by soils tests, around the perimeter of the planting pit per manufacturers recommended application rate. Thoroughly water plant material after fertilizing. Approved planting soil mixture and amendments included in shrub, tree and palm pay items. Tablet fertilizers will not be approved for this project.
19. All trees shall either be multi-trunked or single trunked and cleared to a height of 6' above finished grade within the medians.
20. Container size is to be as specified. A minimum of 80% of the container root ball must contain active and viable root system. Girdling or "ring" roots are prohibited and will be cause for rejection of plant material. See notes and details for root observations and corrective actions. Contractor will be responsible to demonstrate the root ball conditions of the plan materials while the plantings are either on the truck at time of delivery or in-field, to Landscape Architect to illustrate root conditions of the plant materials. Any root ball or container planted materials that cannot be corrected in field shall be rejected and will need to be replaced at contractors expense.

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21. No substitutions shall be made without the explicit written permission of the Landscape Architect of Record or the FDOT. Plans shall be bid by all Bidders as shown. Submit written verification of any plant material(s) that may be unavailable as specified during the bid process, to the Landscape Architect of Record.
22. Coordinate the installation of trees and plants so as to not screen the clear sight limits at intersections as defined by FDOT Design Manual, 212-Intersections or the Hillsborough County site visibility triangle at intersections. Coordinate so as not to obstruct the visibility of directional, informational or traffic control signs as well as traffic signals. Field adjust tree and palm locations as required to avoid conflict with light poles, sign supports, utility poles, walls and fences, etc.
23. It is required that the Landscape Architect of Record shall review, before any delivery to the construction site, all proposed trees, shrubs and ground cover materials, by means of accurate and representative photographs taken from nursery of the grower of the materials, that will be delivered to job site. Submittal shall be in an electronic e-mail format sent to Landscape Architect of Record and copied to the Hillsborough County Construction representative. The project name and location shall be labeled on the front of each e-mail, with the Contractor's name, address and phone number listed on the inside first page with the index of photographs.
24. The Landscape Architect of Record reserves the right to make minor adjustments, in the field, to the locations of trees, palms, shrubs and groundcovers. The contractor shall not remove vegetation by grubbing or place soil deposits, debris, solvents, concrete, paint, chemicals or other foreign substance in or on the soil. Required tree barricades and erosion control measures shall remain intact during construction. No construction debris, construction materials, machinery or equipment of any kind placed within the dripline of a tree to remain on the site. All areas within the dripline of a protected tree shall be maintained at their original grade with no trenching or cutting of any kind.
25. In the event of a variation between the plant list and the actual number of plants shown or noted on the plans, the plans shall control. Landscape Architect of Record shall be notified of any discrepancy during bid process in writing, with the plans taking precedent over tabulation list.
26. Plants and trees shall be set plumb, at the same grade at which they have been grown, best side facing prime visibility and thoroughly watered-in at time of planting to eliminate air pockets. If site conditions are unfavorable to vigorous plant growth, the Landscape Architect of Record shall be notified prior to submitting bid and commencing construction. The conditions are considered accepted by Contractor if written notification is not received by Landscape Architect of Record before commencement of installation of the materials.
27. The Contractor shall be responsible for providing proper drainage for all trees and plant materials. Trees set too high or low may be rejected. Verify proposed finish grades and set trees accordingly. See details for planting, staking and guying.
28. The Contractor shall be responsible for properly securing all trees, palms and large shrubs immediately after planting. All guy wires shall be flagged and all stakes shall be driven flush with surrounding grade for public safety.
29. Shrubs shall be planted in circular plant pits with a diameter of 16" greater than the root ball or container or two times the rootball diameter, whichever is greater. Trees shall be planted in circular pits with a min. diameter of twice the diameter of the root ball or container and backfilled with

- native excavated soils. Remove container and all synthetic bindings, vertically slice the rootball perimeter to a depth of 12" for optimum growth. Each slice shall be the width of a shovel or 12" in width. Remove top 12" of burlap and any container from trees. See notes and details on plans for acceptable corrective actions.
30. All trees within FDOT Design Manual, 212-Intersections Standard for clear sight windows shall have 8.5' clear trunk above the nearest pavement elevation, to the lowest point on the tree canopy.
31. Contractor shall provide a 12-month Warranty, from date of Final Acceptance, for all plantings as part of this contract. Replacement of plantings shall be the responsibility of the Contractor.
32. Landscape Contractor shall be responsible for maintaining the watering required for the establishment of plant materials from the date of installation to the date of the Final Acceptance. The cost of watering and its application shall be borne by the City of Tampa Parks Department. The Contractor shall be responsible for providing any additional hand watering as necessary for all plant materials on the project.
33. Responsibility of watering the Hillsborough County properties and FDOT properties after Final Acceptance shall be borne by the City of Tampa Parks Department. All other landscaped areas shall be the responsibility of the property owners of the signed and approved easements.
34. Responsibility of maintaining the Hillsborough County landscaped areas and FDOT properties after Final Acceptance shall be borne by the City of Tampa Parks Department.
35. Contractor to be responsible for replacement of all Plant Materials that are in a deteriorated and/or perished Condition or that have perished within the 12-month warranty period.
36. Rake back mulch a minimum of 12" from all tree trunks.
37. Bed lines shall have well defined trench edges to contain mulch. Hedge lines shall be laid out with string line in the field per plan layout. Trees or shrubs shown in a line on the plan shall have the trunks/canopies in proper alignment upon visual inspection after installation. Groundcover and shrub beds shall be planted on triangular spacing with plants installed and faced for optimum growth into the bed.
38. Any areas subject to erosion (e.g. grass swales, retention area embankments) must be stabilized by solid sod.
39. The contractor shall provide as-built drawings of landscape and irrigation to the Hillsborough County Construction Department, at end of project, of all trees, shrubs, groundcovers and turf areas prior to final acceptance. These shall be delivered to Hillsborough County Public Works Department.
40. The maintenance period for plantings begins at time of installation and continues until final acceptance. Contractor to supply a separate Lump sum price to the Hillsborough County, for an additional 9 months of maintenance after date of Final Acceptance.
41. The job site shall be kept orderly and reasonably clean on a daily basis during construction operations. Upon daily completion of work, the Contractor shall remove all debris and waste generated by his operations on-site, including the cleaning of walks and paving.
42. An "As-Built" of the landscape plans shall be provided by the contractor and signed and sealed by a Landscape Architect Registered in the State of Florida. They shall be submitted to the Landscape Architect of Record prior to the final walk-through and Final Acceptance. The "As-Built" shall be updated daily and shall be kept on-site at all times during the construction period.

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43. Any and all deviations from the original construction documents shall be duly and accurately recorded. An overlay shall be given to the contractor to incorporate into the As Builts.
44. At the time of Final Acceptance, the Contractor shall provide the Landscape Architect of Record and Hillsborough County, with a maintenance manual containing instructions for the proper care of all materials specific to the job, and any pertinent manufacturer's literature to Landscape Architect of Record.
45. All landscape material shall be installed and maintained at all times in a manner whereby traffic control signage and devices are visible to motorists and pedestrians.
46. The Contractor shall contact the Florida Department of Transportation (FDOT) Hillsborough Operations Center and One Call 811, two full working days prior to the start of work. The City shall also contact the FDOT Hillsborough Operations Center two weeks prior to the beginning of installation in order to locate highway lighting conduit.
47. Unless otherwise determined by the FDOT, any lane closures shall be restricted as follows:
48. During daylight hours from 9:00 am to 3:00 pm on weekdays only (Monday through Friday)
49. During nighttime hours (if applicable) from 9:00 P.M. to 5:30 AM on week nights only
50. No work shall be performed on State Holidays
51. The FDOT District 7 Operation Center shall be contacted at (813)-612-3200 as well as Hillsborough County Construction Department and City of Tampa Parks Department a minimum of two (2) working days prior to anticipated lane closure to obtain permission.
52. The City of Tampa shall provide the Hillsborough County Construction Department and FDOT District 7 with the name, contact telephone number, e-mail address and Advanced Training Certificate of the Individual who will be in the work zone Maintenance of Traffic (MOT) Worksite Safety Supervisor.
53. All Landscape material shall be installed at all times maintained in accordance with FDOT Design Manual Index 580-001 and all other applicable Department standards and regulations.
<https://www.fdot.gov/roadway/fdm/default.shtm>
54. Application of herbicides shall be performed by a person possessing a current Florida Restricted Use Pesticide License in the Core Curriculum, Right-of-way and Aquatic Categories.
55. Pursuant to section 2.10 of the departments "Roadway and Roadside Maintenance" Procedure (topic No. 850-000-015-I of 91/01/2014), all contractors who contract the application of fertilizer shall ensure that they are licensed commercial applicators who have been trained through the Green Industry BMP Program, and have obtained a limited certification for Urban commercial fertilizer application under Section 482.1562, F.S. The contractor shall furnish the FDOT current copies of licenses/certifications belonging to the personnel that will be involved in the application of fertilizer on the FDOT right of way prior to start of work.

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1/9/2025

Project No. 24-1020

PROJECT MATERIALS

ALL PLANT MATERIALS SHALL BE GRADED AS 'FLORIDA No.1' UNDER THE FLORIDA NURSERY GRADES AND STANDARDS 2022 EDITION.

Quantity	Symbol	Common Name	Botanical Name	CONTAINER SIZE	MINIMUM ROOTBALL SIZE	MINIMUM CALIPER	MINIMUM SPECIFIC SIZE REQUIREMENTS
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Trees
13 LS Slender Sillhouette Sweet Gum LIQUIDAMBER styraciflua 'Slender Sillhouette' B+B 40" 4" 23' HT X 30" CROWN SPREAD, LIMBED UP 6' ABOVE FINISHED GRADE. TREES TYP. AVAILABLE AT HUNTER TREES, LLC, 700 Indian Valley Rd, Alpine, AL 35014, PHONE: 866.348.6837, Tim Braswell, tim@huntertrees.com 205-641-4411

13 Total trees planted on-site

	Common Name	Botanical Name	container:	on center spacing	size specifications:
416	IVS Dwarf Shellings Holly	Ilex vomitoria 'Shellings'	3 GALLON	30"	10" ht x 10" spr. full
164	IXO DW Yellow Ixora	IXORA taiwanensis 'Yellow'	3 GALLON	30"	12" ht x 12" spr. full
40	YG Gloriosa Yucca	YUCCA gloriosa	3 GALLON	36"	12" ht x 14" spr. full
106	ZP Coontie	ZAMIA pumila	7-GALLON	32"	24" ht x 30" spr. full
4368	AG Perennial peanut POTS	ARACHIS glabrata	1 GALLON	14"	3" ht x 12" spr. 1 gal. 24" o/c USEPINE STRAW MULCH 1" DEEP
2256	AG1 Perennial peanut SOD	ARACHIS glabrata	SOD	SF	densely rooted, weed free

SOD
500 SOD St. Augustine STENOTAPHRUM secundatum patch and repair as needed (CONTRACTOR IS RESPONSIBLE FOR PROVIDING SUFFICIENT QUANTITIES FOR COMPLETE INSTALLATION. ACTUAL AMOUNTS MAY VARY FROM AMOUNTS INDICATED.)

Total Site Irrigation:

11500 SF +/- Shrub Irrigation-MEDIANS & ROW PLANTINGS Use Microspray - coordinate with COT-Parks for preferred materials
500 LF +/- Loop Main 2" pvc sch 40 with sleeves under pavement as shown (CONTRACTOR IS RESPONSIBLE FOR PROVIDING SUFFICIENT QUANTITIES FOR COMPLETE INSTALLATION. ACTUAL AMOUNTS MAY VARY FROM AMOUNTS INDICATED.)
2 EA connection to existing 1" RECLAIMED WATER METER - use for irrigation -contractor to include shut off valve
2 EA Connection to City of Tampa Irrigation Controllers and programming

Miscellaneous Plant Materials And Site Work:

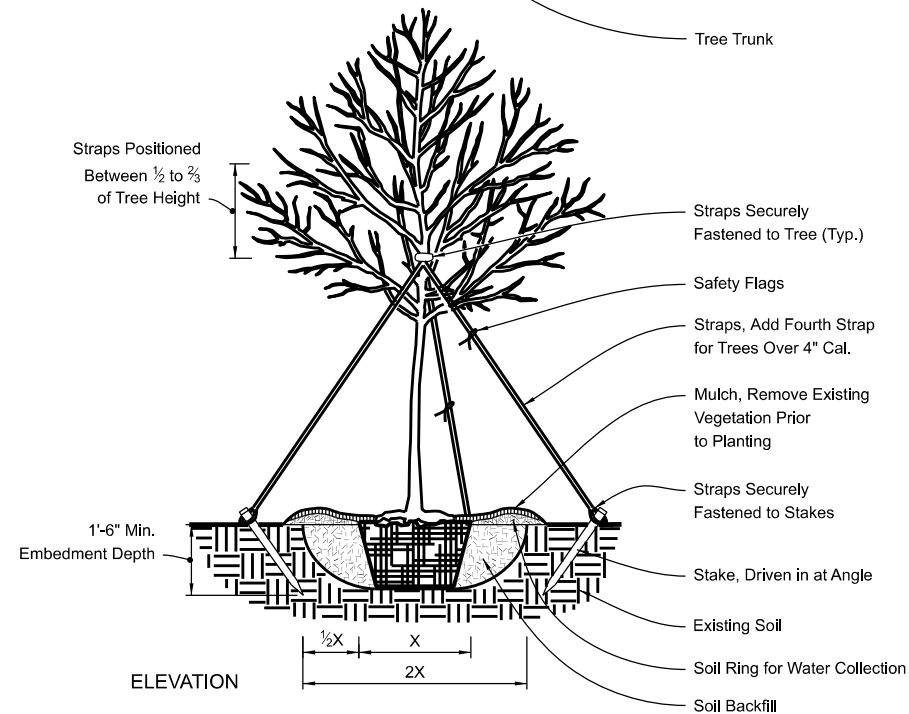
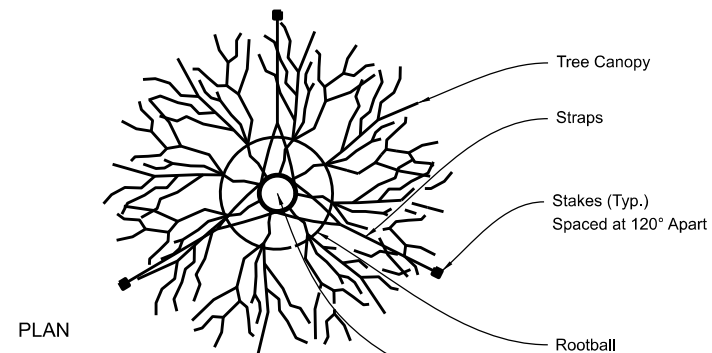
41000 SF DEMO OF EXISTING GRASS FOR ROW PLANTINGS Use Herbicide and plant thru dead grass
288 CY DEMO OF EXISTING SOILS IN MEDIANS TO A DEPTH OF 8" CONTRACTOR IS RESPONSIBLE FOR PROVIDING SUFFICIENT QUANTITIES FOR COMPLETE INSTALLATION. ACTUAL AMOUNTS MAY VARY FROM AMOUNTS INDICATED.
288 CY INSTALLATION OF NEW PREPARED TOPSOILS INTO MEDIANS, 8" DEPTH CONTRACTOR IS RESPONSIBLE FOR PROVIDING SUFFICIENT QUANTITIES FOR COMPLETE INSTALLATION. ACTUAL AMOUNTS MAY VARY FROM AMOUNTS INDICATED.
51 CY PINE STRAW MULCH, 2.5" DEPTH CONTRACTOR IS RESPONSIBLE FOR PROVIDING SUFFICIENT QUANTITIES FOR COMPLETE INSTALLATION. ACTUAL AMOUNTS MAY VARY FROM AMOUNTS INDICATED.
2500 SF RED LAVA ROCK MULCH, 3/8" SIEVE, 2.5" DEPTH CONTRACTOR IS RESPONSIBLE FOR PROVIDING SUFFICIENT QUANTITIES FOR COMPLETE INSTALLATION. ACTUAL AMOUNTS MAY VARY FROM AMOUNTS INDICATED.
2500 SF MIRIFI 140 FILTER CLOTH UNDER LAVA ROCK MULCH CONTRACTOR IS RESPONSIBLE FOR PROVIDING SUFFICIENT QUANTITIES FOR COMPLETE INSTALLATION. ACTUAL AMOUNTS MAY VARY FROM AMOUNTS INDICATED.
4 Bags Pre-Emergent 20 lbs for plant beds EA
7 Bags Fertilizer: 6-6-6 for sod - do not fertilize in the first 30 days after installation 50 lb. bag
1 Bags Fertilizer: 16-4-8 50 lb. bag

HARDSCAPE AREAS

94500 SF PRESSURE WASH MEDIANS BEFORE CONCRETE STAIN
94500 SF CONCRETE STAIN ART AREAS SEE PLANS FOR LOCATIONS AND COLOR PALETTE AND PATTERNS
1 LS M.O.T - CONTRACTOR TO PROVIDE FDOT-CERTIFIED MOT EMPLOYEE FOR MEDIAN WORK

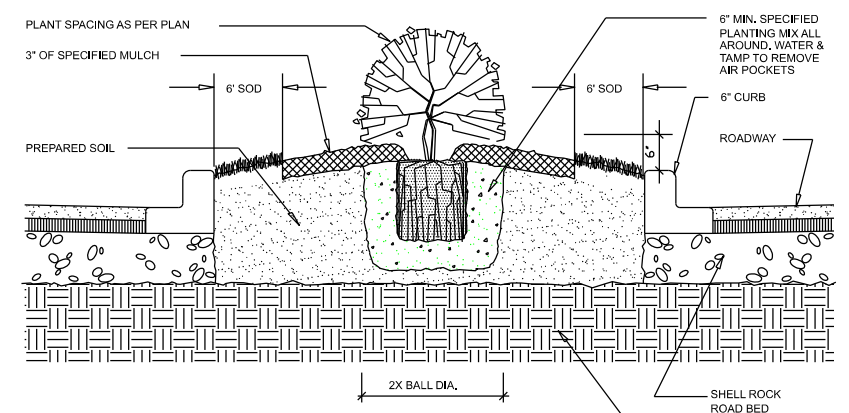
90% PLANS, FOR REVIEW ONLY, NOT FOR CONSTRUCTION

REVISIONS				 JONATHAN H. TONER, PLA, ISA LICENSE NO. 0001123 TERRA TECTONICS design group, Inc. 1188 KAPP DRIVE CLEARWATER, FL 33765	 WESTSHORE ALLIANCE 3109 W. DR. MLK JR. BOULEVARD SUITE 140 TAMPA, FL 33607	MEDIAN LANDSCAPE AND PUBLIC ART		CIP NO.	SHT. NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			PROJECT MATERIALS			LD-07



2 1/2" TO 6" CALIPER TREE PLANTING

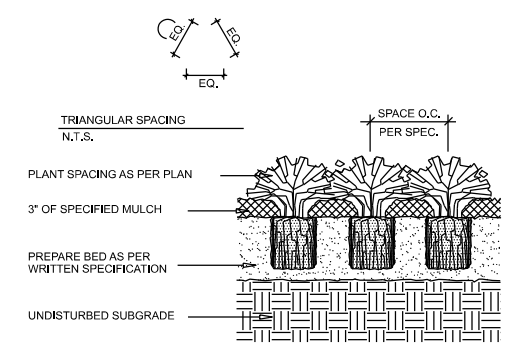
TREE PLANTING DETAIL - GUY WIRES
N.T.S.



SHRUB DETAIL AT LANDSCAPE ISLAND
N.T.S.

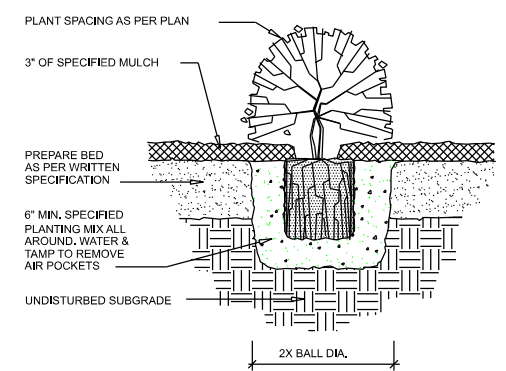
GENERAL NOTES:

1. Staking guidelines are based on standard horticultural requirements and are provided for plant establishment purposes only. Details not intended to apply when bracing is intended to address safety considerations. When bracing for safety, refer to Designer generated signed and sealed details. These guidelines are not intended to apply when the tree or palm is within falling distance of a roadway, pedestrian or bicycle route, under extreme wind loads, non-standard soil properties, non-standard plant dimensions, or when rootball is anticipated to be greater than 4 feet diameter and planted on 1:3 slope or steeper.
2. All dimensions 6" and less are exaggerated for illustrative purposes only. Dimensions shown for wood materials are nominal. Slopes shown are Vertical:Horizontal.
3. Remove plant containers prior to planting. Remove a minimum of the top 1/3 of burlap, fabric, or wire mesh for plants not grown in containers.
4. Allow no more than 1" of soil to cover the uppermost root on all trees. Set the top of rootball 1"-2" above finish grade after settling and set plumb to the horizon.
5. Backfill with loosened existing soil or as shown in the plans. Remove rocks, sticks, or other deleterious material greater than 1" in any direction prior to backfilling. Water and tamp to remove air pockets. Contact the Engineer prior to planting if existing soils contain excessive sand, clay, or other material not conducive to proper plant growth.
6. Construct soil rings at the outer edge of the planting pit with a height of 3" and gently sloping sides unless a permanent, subsurface or drip irrigation system is provided. Do not pile soil on top of rootball.
7. Construct a 3" deep layer of mulch placed 2" off the edge of the trunk flare, around the base of shrub, or solidly around ground cover. Never pile mulch against the tree trunk.
8. Install guying with minimum 1" wide nylon or polypropylene straps with a minimum 600 lb. break strength. Check straps monthly and adjust as required to eliminate girdling of tree. Locate all wood stakes beyond the edge of soil ring in existing soil and embed a minimum of 18" below finished grade unless otherwise specified. Alternate tree bracing and guying systems specified or approved by the Engineer may be used in lieu of the tree bracing and guying methods detailed on the Index.
9. Relocated Trees and Palms: Brace relocated trees and palms in accordance with the Contract Documents. Remove bracing at the conclusion of the contract or as directed by the Engineer. Bracing or straps must not damage or become embedded in the tree bark.
10. Use 2" x 2" minimum wood stakes unless otherwise shown in the Plans or directed by the Engineer. Use wood meeting #2 Common or better in accordance with the Standard Grading Rules for Southern Pine.
11. Drive stakes into existing, undisturbed soil. Localized compaction may be provided to prevent displacement of the stakes for previously disturbed existing soils that do not provide sufficient stability.



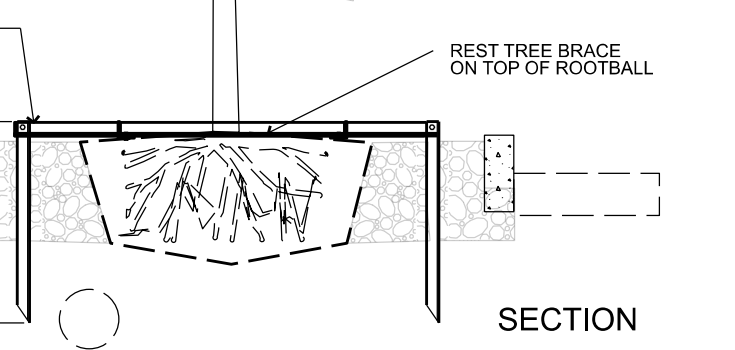
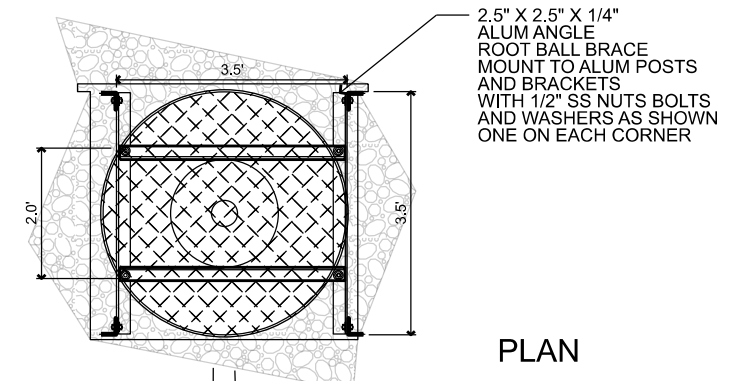
- NOTES:**
1. GROUND COVER PLANTS ARE TO BE SPACED AS INDICATED ON PLANTING PLAN.
 2. 3" MIN. SPECIFIED PLANTING MIX UNDER AND AROUND - WATER AND TAMP TO REMOVE AIR POCKETS.

GROUND COVER PLANTING DETAIL
N.T.S.



- NOTES:**
1. PLANT SO THAT TOP OF ROOT BALL IS EVEN WITH THE FINISHED GRADE.

SHRUB PLANTING DETAIL
N.T.S.



TREE STAKING DETAIL
FOR TREES IN MEDIAN - NO VISIBLE STAKING N.T.S.

GENERAL NOTES:
LANDSCAPE CONTRACTOR SHALL VERIFY PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.

90% PLANS, FOR REVIEW ONLY, NOT FOR CONSTRUCTION

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design group, inc.

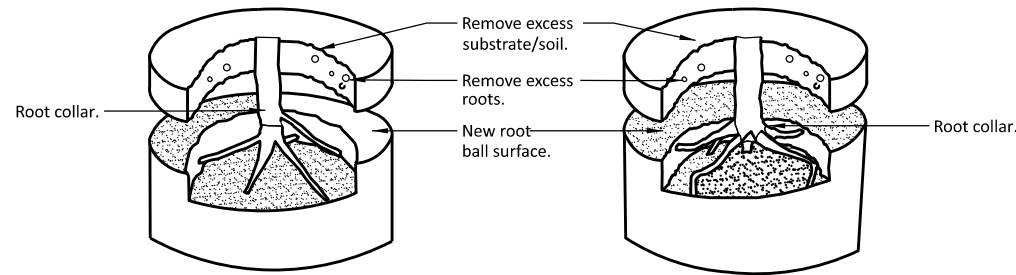
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SUITE 140
TAMPA, FL 33607

MEDIAN LANDSCAPE AND PUBLIC ART	CIP NO.	SHT. NO.
PLANTING DETAILS (1)		LD-08

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

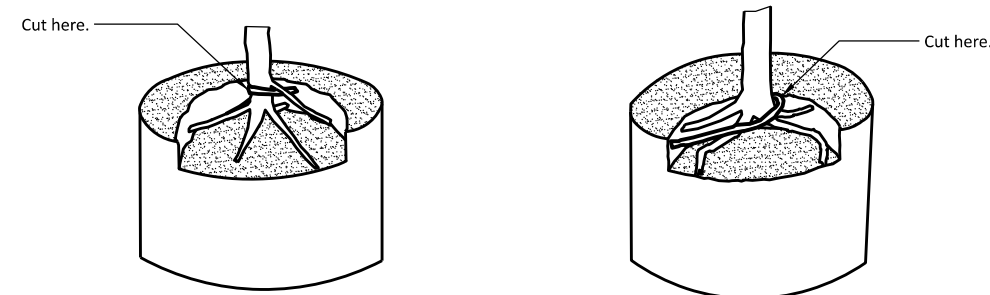
Step 1 - Remove substrate over root collar.



Tree planted too deeply in root ball. Remove excess substrate and roots to meet root inspection detail.

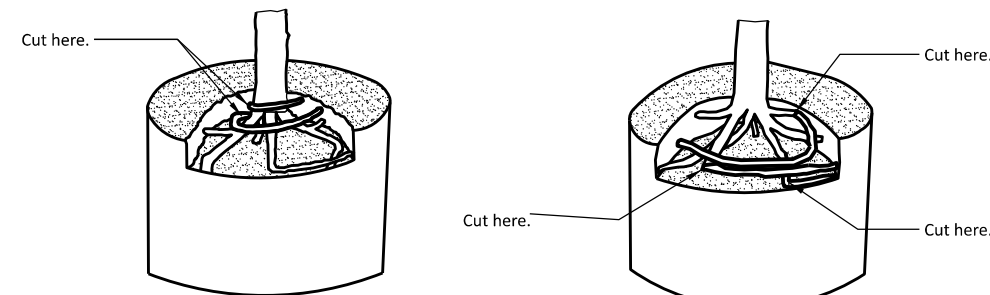
Tree planted too deeply in root ball. Remove excess substrate and roots to meet root inspection detail.

Step 2 - Remove defects.



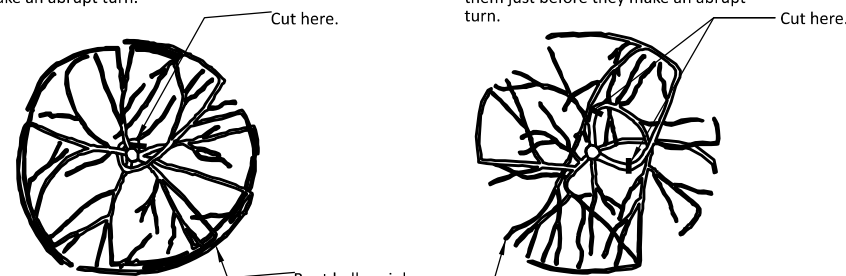
Five structural (large) roots shown in black. Remove structural root (white) wrapping root collar.

Four structural roots shown in black. Remove root (white) growing over structural roots.



Six structural roots shown in black. Remove roots (white) growing over root collar by cutting them just before they make an abrupt turn.

Seven structural roots shown in black. Remove structural roots (white) growing around or over root collar by cutting them just before they make an abrupt turn.



Cut structural root just before it makes abrupt turn. Pruning cut should be made tangent (parallel) to the trunk.

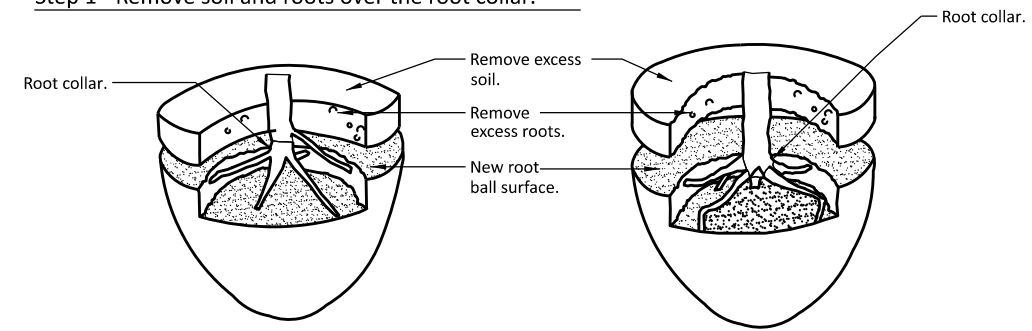
Cut structural roots just before they make abrupt turn by cutting tangent (parallel) to the trunk (two cuts shown).

Notes:
 1- All trees shown are rejectable unless they undergo recommended correction.
 2- First Step 1, then Step 2. Roots and soil may be removed during the correction process; substrate/soil shall be replaced after correction has been completed.
 3- Trees shall meet root observations detail following correction.
 4- Small roots (1/4" or less) on the periphery of the root ball are common with container plant production. These small roots are not defined as "defects" and can be addressed at the time of installation (See root ball shaving container detail).

A ROOT CORRECTION DETAIL - CONTAINER

NO SCALE

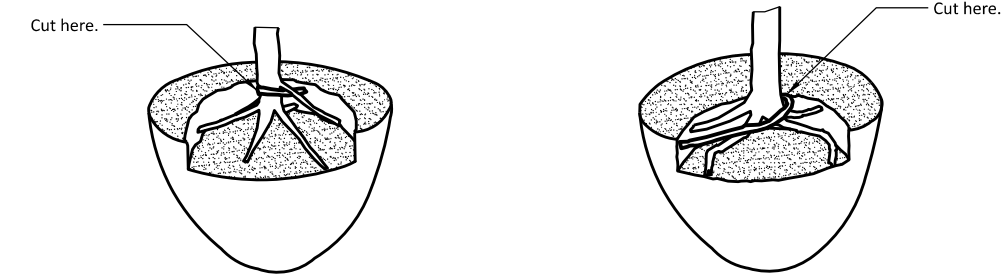
Step 1 - Remove soil and roots over the root collar.



Tree planted too deeply in root ball. Remove excess soil and roots to meet root inspection detail.

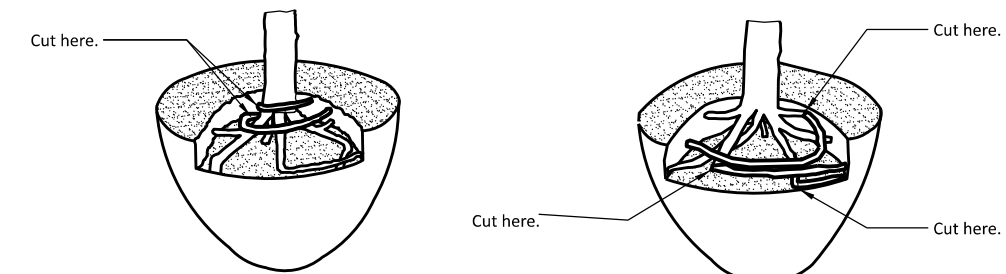
Tree planted too deeply in root ball. Remove excess soil and roots to meet root inspection detail.

Step 2 - Remove defects.



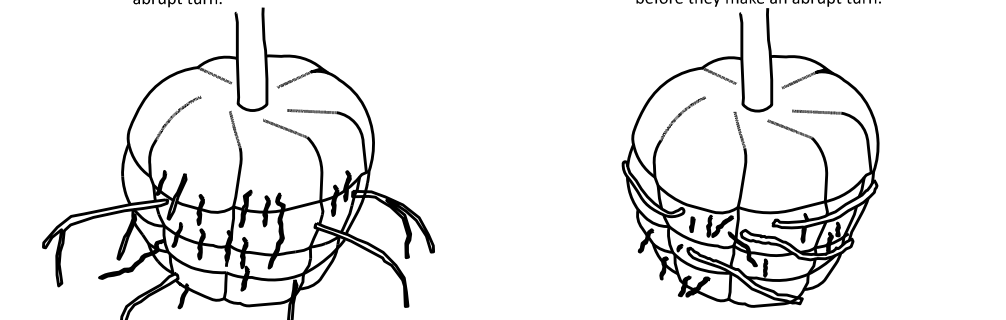
Five structural (large) roots shown in black. Remove structural (white) root wrapping root collar.

Four structural roots shown in black. Remove root (white) growing over structural roots.



Six structural roots shown in black. Remove structural roots (white) growing over root collar by cutting them just before they make an abrupt turn.

Seven structural roots shown in black. Remove structural roots (white) growing around or over root collar by cutting them just before they make an abrupt turn.



Remove structural roots (4 shown in black) extending from root ball.

Remove structural roots (4 shown in black) deflected on root ball periphery. Small roots (1/4" or less) at the periphery of the root ball are not defined as defects and do not need to be removed.

Notes:
 1- All trees shown are rejectable unless they undergo recommended correction.
 2- First step 1, then step 2. Adjust hole depth to allow for the removal of excess soil and roots over the root collar.
 3- Roots and soil may be removed during the correction process; substrate/soil shall be replaced after the correction has been completed.
 4- Trees shall pass root observations detail following correction.

B ROOT CORRECTION DETAIL - BALLED AND BURLAPPED

NO SCALE

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 CLEARWATER, FL 33765

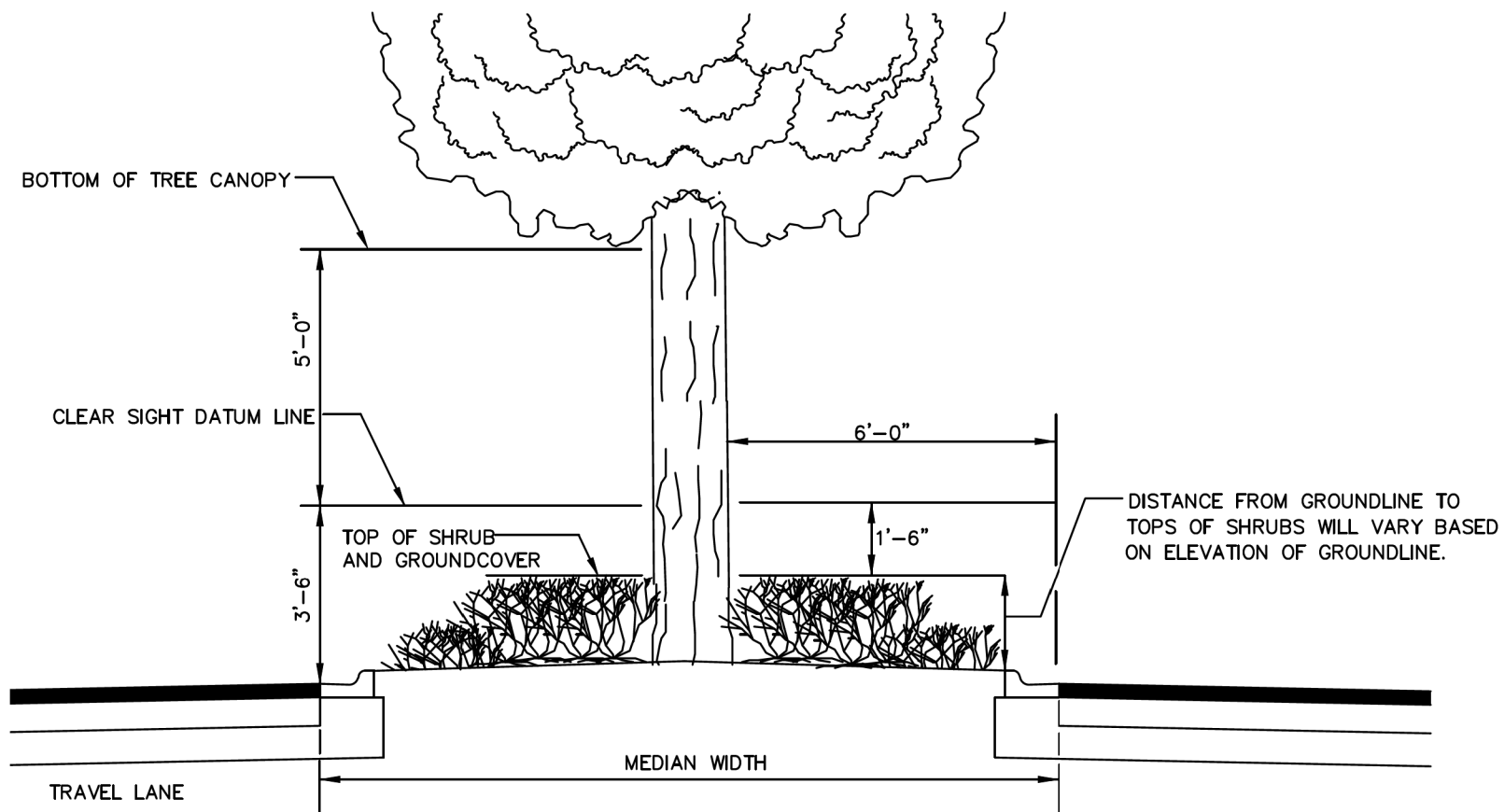
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MEDIAN LANDSCAPE AND PUBLIC ART

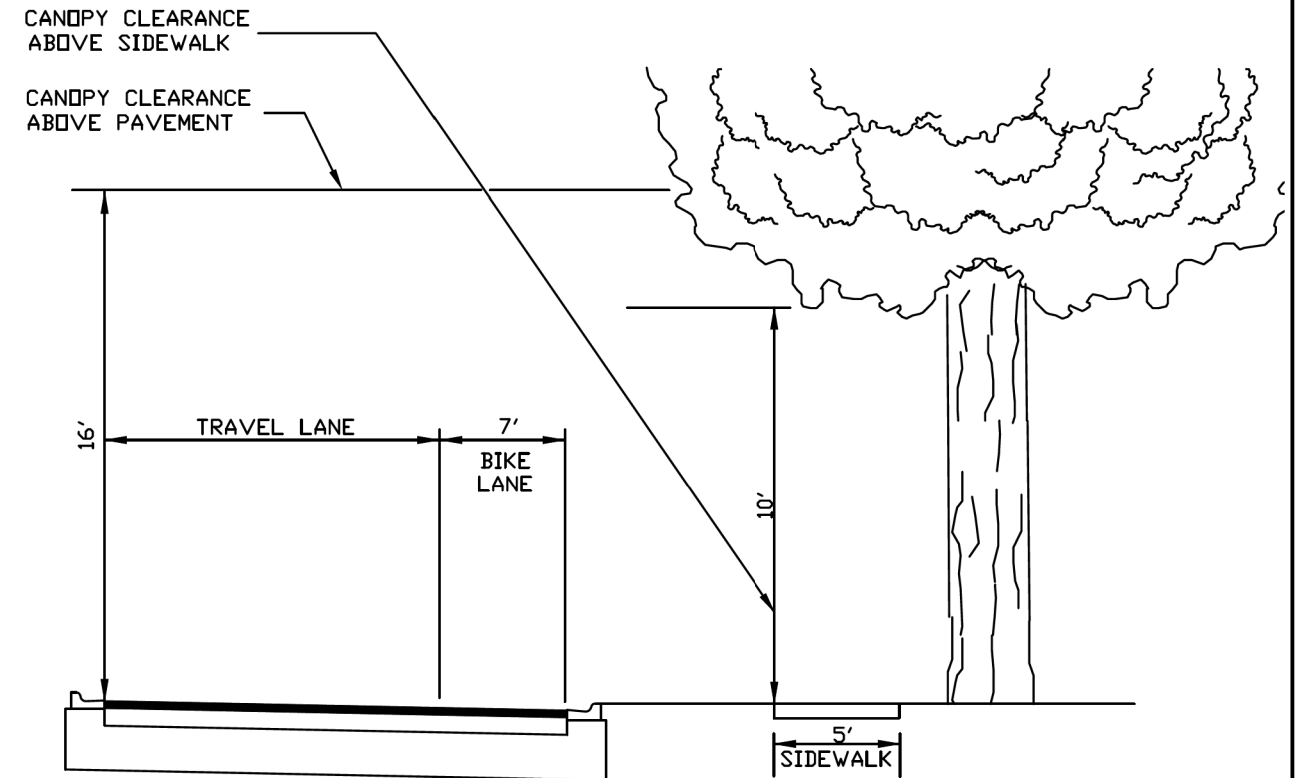
CIP NO. SHT. NO.

PLANTING DETAILS (2)

LD-9



CLEAR SITE WINDOW
N.T.S.



LANDSCAPING VERTICAL CLEARANCES
HILLSBOROUGH COUNTY TYPICAL DETAILS, TRANSPORTATION TECHNICAL MANUAL, TD-15 N.T.S.


A


LANDSCAPING CLEAR SITE WINDOW FOR MEDIANS
HILLSBOROUGH COUNTY TYPICAL DETAILS, TRANSPORTATION TECHNICAL MANUAL, TD-15 N.T.S.

B

90% PLANS, FOR REVIEW ONLY, NOT FOR CONSTRUCTION

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION


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<i>MEDIAN LANDSCAPE AND PUBLIC ART</i>	CIP NO.	SHT. NO.
<i>SIGHT WINDOWS AND CLEARANCE</i>		LD-10

IRRIGATION NOTES

1. IRRIGATION CONTRACTOR SHALL VISIT THE SITE TO VERIFY ALL CONDITIONS AND DIMENSIONS AS SHOWN ON THE PLANS PRIOR TO SUBMISSION OF BID. THE PLANS ARE SCHEMATIC, AND THE CONTRACTOR SHALL DETERMINE ANY AND ALL NECESSARY MATERIALS AND LABOR NEEDED TO MEET THE INTENT OF THE PROJECT DOCUMENTS & DRAWINGS.
2. IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND/OR COORDINATING PRIOR TO BEGINNING OF INSTALLATION OF IRRIGATION SYSTEM, WITH GENERAL CONTRACTOR, IN-REGARDS TO TYPE AND LOCATION OF WATER SOURCE.
3. IRRIGATION CONTRACTOR SHALL PROVIDE A FULLY OPERATIONAL IRRIGATION SYSTEM FOR 100% OVERLAP COVERAGE OF ALL LANDSCAPE AND TURF AREAS AS INDICATED ON THE LANDSCAPE AND IRRIGATION PLANS (SEE WRITTEN SPECIFICATIONS).
4. THE CONTRACTOR SHALL VERIFY EXISTING GPM/PSI FROM THE PROPOSED WATER SOURCE AND IF NEEDED, THE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT AND GENERAL CONTRACTOR IF WATER SUPPLY IS NOT ACCORDING TO PLANS.
5. COORDINATE OPERATION OF THE TIME-CLOCK FOR PROPER ZONE SEQUENCING AND OPTIMUM WATERING TIME. VERIFY TIME-CLOCK LOCATION AND START/STOP TIMES OF OPERATION WITH OWNER. TIME-CLOCK SHALL BE LOCATED ON AN EXTERIOR WALL IN A LOCKING WALL-MOUNTED UNIT PER LEGEND. THE CONTROLLER SHALL BE IN A WEATHER TIGHT LOCKABLE ENCLOSURE AND THE KEY TURNED OVER TO THE GENERAL CONTRACTOR AT PROJECT COMPLETION. THE GENERAL CONTRACTOR'S ELECTRICIAN SHALL PROVIDE 120V, 20AMP POWER SUPPLY TO THE TIME-CLOCK. COORDINATE ELECTRICAL SUPPLY REQUIREMENTS WITH THE GENERAL CONTRACTOR.
6. PIPING ON PLANS IS DIAGRAMMATICALLY ROUTED FOR GRAPHIC CLARITY, ACTUAL PLACEMENT SHALL BE LOCATED WITHIN PROPERTY BOUNDARY AND IN "GREENSPACE" AREAS ADJACENT TO PAVING OR STRUCTURES AS PER INDUSTRY STANDARDS.
7. COORDINATE INSTALLATION WITH PLANTING PLAN SO CONFLICTS WITH PROPOSED
8. LOCATIONS OF TREES, PALMS AND SHRUBS WILL BE AVOIDED. PLACE PIPING IN TRENCH ADJACENT TO CURBING OR EDGE OF PAVEMENT WHERE POSSIBLE.
9. CONTRACTOR SHALL REFERENCE THE LANDSCAPE PLANS AND SPECIFICATIONS TO DETERMINE WHERE IRRIGATION HEADS SHALL BE INSTALLED ON RISERS. HEIGHTS OF ALL RISERS SHALL BE ADJUSTED AFTER LANDSCAPE INSTALLATION IS COMPLETE.
10. RISERS SHALL BE PAINTED BLACK WITH PROFESSIONAL QUALITY KRYLON FUSION SPRAY PAINT. ADJUST SPRINKLER ARC, RADII, AND TRAJECTORY AFTER LANDSCAPE INSTALLATION IS COMPLETED TO ASSURE 100% OVERLAP COVERAGE. ALL RISERS SHALL BE STAKED WITH A GALV. STAINLESS STEEL EMT STAKE AND SECURED BY TWO STAINLESS STEEL CLAMPS. NO RISER SHALL BE INSTALLED ADJACENT TO ANY PEDESTRIAN WALKWAY. 12" POP-UP HEADS SHALL BE USED IN GROUNDCOVER BEDS ADJACENT TO WALKWAYS AND IN PARKING ISLANDS (TYP.)
11. CONTRACTOR SHALL DETERMINE LOCATIONS OF ALL UNDERGROUND UTILITIES AND IMPROVEMENTS PRIOR TO START OF WORK ON-SITE. COORDINATE WITH THE GENERAL CONTRACTOR AND SITE LIGHTING CONTRACTOR FOR INSTALLATION OF PROPOSED LIGHTING AND ELECTRICAL CONDUITS. THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REPAIR OF ANY DAMAGE CAUSED BY HIS WORK. THE IRRIGATION CONTRACTOR SHALL BEAR SOLE RESPONSIBILITY FOR ANY AND ALL DAMAGE THAT RESULTS FROM HIS ACTIVITIES DUE TO IMPROPER VERIFICATION OF UTILITIES AND/OR OPERATOR ERROR DURING EXCAVATIONS. SEE RELATED CIVIL PLANS FOR ADDITIONAL INFORMATION.
12. IRRIGATION CONTRACTOR SHALL OBTAIN ANY AND ALL PERMITS REQUIRED BY GOVERNING AGENCIES. SUBMIT COPIES OF PERMITS TO OWNER'S CONSTRUCTION REPRESENTATIVE.
13. IRRIGATION CONTRACTOR SHALL BE PROPERLY LICENSED AND INSURED AS REQUIRED BY STATE AND LOCAL ORDINANCE REQUIREMENTS. CONTRACTOR SHALL BE ABLE TO PROVIDE PROOF OF SUCH INFORMATION UPON REQUEST.
14. ADJUST SPRINKLER ARC, RADII, AND TRAJECTORY AFTER LANDSCAPE INSTALLATION IS COMPLETED TO INSURE 100% OVERLAP COVERAGE. INSTALL PROPER NOZZLE AS FIELD CONDITIONS REQUIRE FOR OVERLAP COVERAGE. RAISE OR LOWER SPRINKLER HEADS AS REQUIRED.
15. WHERE MAINLINE OR LATERAL LINES ARE COVERED BY PAVING, A SCHEDULE 40 PVC SLEEVE SHALL BE INSTALLED WITH THE SPECIFIED LATERAL LINE AND STUBBED UP WITH END CAPS AS SHOWN IN DETAIL. SLEEVE SIZE SHALL BE TWO TIMES LARGER (I.D.) THAN THE SIZE OF THE LATERAL LINE "WET-PIPE" SIZE INDICATED ON THE PLANS.







16. ALL MAINLINES SHALL BE BURIED A MINIMUM OF 18" BELOW FINISH GRADE. MAINLINE SHALL BE BURIED A MINIMUM OF 24" AT ROAD CROSSINGS. ALL LATERAL LINES SHALL BE BURIED A MINIMUM DEPTH OF 12" BELOW FINISH GRADE. INSTALL MAINLINE IN SAME TRENCH AS LATERAL LINES WHERE POSSIBLE.
17. ALL POP-UP SPRINKLER HEADS SHALL BE INSTALLED ON 1/2" OR 3/4" X 18" SPEARS FLEX PIPE CONNECTION. FLEX PIPE CEMENT SHALL BE USED ON ALL CONNECTIONS BETWEEN FLEXIBLE PVC AND RIGID PVC.
18. ALL WIRE SPLICES SHALL BE MADE IN VALVE BOXES USING GREASE FILLED "SNAP-LOCK",OR "KING INNOVATION" (OR EQUAL) WATERPROOF WIRE SPLICE KITS AND SEALANT.
19. 14 GAUGE WIRE SHALL BE UF-600 VOLT DIRECT BURIAL 14 GAUGE WIRE INSTALLED DIRECTLY IN THE PIPE TRENCH, BUNDLED AND TAPED EVERY TEN FEET ALONG THE MAINLINE WITH EXPANSION LOOPS PROVIDED AT EACH VALVE. "WHITE" COLOR FOR COMMON AND "RED" COLOR FOR CONTROL WIRES. AT TIME OF INSPECTION, WIRE THAT DOES NOT CONFORM TO SPECIFICATIONS SHALL BE REMOVED AND REPLACED AT CONTRACTOR'S EXPENSE.
20. BEFORE SPRINKLER HEADS ARE SET, THE CONTRACTOR SHALL OPEN CONTROL VALVES AND FLUSH THE LINES THOROUGHLY WITH A FULL HEAD OF WATER TO BE SURE THERE IS NO FOREIGN MATTER IN THE LINES. THE CONTRACTOR SHALL TEST THE LINES FOR LEAKAGE BY MAINTAINING A FULL HEAD OF PRESSURE (100 PSI) FOR ONE HOUR WITH CAPPED ENDS AFTER LINES ARE COMPLETE.
21. AT ANY TIME DURING THE INSTALLATION OF THE IRRIGATION SYSTEM BY THE CONTRACTOR, THE OWNER, ARCHITECT AND OR LANDSCAPE ARCHITECT MAY VISIT THE SITE TO MAKE OFFICIAL INSPECTIONS. UPON REQUEST, THE CONTRACTOR WILL BE REQUIRED TO UNCOVER SPECIFIED WORK AS DIRECTED BY THE INSPECTOR WITHOUT COMPENSATION. SHOULD THE MATERIAL, WORKMANSHIP OR METHOD OF INSTALLATION NOT MEET THE STANDARDS SPECIFIED HEREIN, THE CONTRACTOR SHALL IMMEDIATELY REPLACE THE WORK AT HIS OWN EXPENSE.
22. THE OWNER OR HIS DESIGNATED REPRESENTATIVE WILL RESPOND WITHIN TEN (10) DAYS AFTER NOTIFICATION BY THE CONTRACTOR OF COMPLETION FOR THE PURPOSE OF MAKING A FINAL INSPECTION OF THE SYSTEM. IF FINAL ACCEPTANCE IS NOT GIVEN AT THIS INSPECTION, A "PUNCH-LIST" OF UNSATISFACTORY ITEMS WILL BE PREPARED FOR COMPLETION BY THE IRRIGATION CONTRACTOR. AT SUCH TIME AS ALL "PUNCH-LIST" ITEMS HAVE BEEN COMPLETED AND APPROVED BY THE OWNER OR HIS DESIGNATED REPRESENTATIVE, THE CONTRACTOR SHALL BE NOTIFIED IN WRITING OF FINAL ACCEPTANCE. FINAL ACCEPTANCE BY THE OWNER WILL NOT BE GIVEN UNTIL ALL REQUIRED SUBMITTALS AND "AS-BUILT" DRAWINGS HAVE BEEN TURNED OVER TO THE OWNER AND LANDSCAPE ARCHITECT.
23. THE IRRIGATION CONTRACTOR SHALL KEEP ONE RECORD SET OF CONSTRUCTION DOCUMENTS OF THE IRRIGATION SYSTEM AND MATIN THIS COPY IN GOOD CONDITION AT THE SITE AND MARK ON THEM THE EXACT "RECORD". THE CONTRACTOR SHALL MAKE A DAILY RECORD OF ALL WORK INSTALLED DURING EACH DAY. PLANS SHALL INDICATE THE EXACT LOCATION OF CHECK VALVES, GATE VALVES, WIRE LOCATIONS, HEAD LAYOUT, AUTOMATIC VALVES/BOXES, FOR VALVE BOXES SHALL BE SHOWN BY THE TRIANGULAR SYSTEM OF MEASUREMENTS FROM EASILY IDENTIFIED PERMANENT FEATURES, SUCH AS BUILDINGS, CURBS, WALKS, ETC.
24. DRAWINGS SHALL SHOW APPROVED SUBSTITUTIONS, IF ANY, OF MATERIALS INCLUDING MANUFACTURER'S NAME AND CATALOGUE NUMBER. UPON COMPLETION, ALL INFORMATION NOTED ON THE PRINTS SHALL BE TRANSFERRED TO A FINAL CLEAN PROJECT PDF BY THE CONTRACTOR.
25. RECORD DRAWING SHALL BE TO SCALE, AND ALL INFORMATION SHALL BE RECORDED IN AN ORDERLY AND LEGIBLE MANNER. ON OR BEFORE FINAL INSPECTION, THE IRRIGATION CONTRACTOR SHALL DELIVER ONE (1) DVD OF THE SCANNED AS-BUILT RECORD PLANS IN A PDF FORMAT. CONTRACTOR SHALL ALSO SUPPLY OWNER & LANDSCAPE ARCHITECT OF RECORD TWO (2) SETS OF PDF AS-BUILTS OF THE "RECORD" DRAWINGS TO THE LANDSCAPE ARCHITECT AND OWNER'S AGENT. THE DELIVERY OF THE RECORD PLANS SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF FURNISHING REQUIRED INFORMATION THAT MAY HAVE BEEN OMITTED. RETAINAGE SHALL BE RELEASED TO THE CONTRACTOR AFTER THE "RECORD" DOCUMENTS HAVE BEEN SATISFACTORILY RECEIVED BY THE OWNER AND ALL OTHER ASPECTS OF HIS CONTRACT HAVE BEEN MET.
26. END OF SPECIFICATIONS

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





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DATE	DESCRIPTION	DATE	DESCRIPTION			IRRIGATION NOTES			LD-11

IRRIGATION LEGEND

-  CONTROLLER: TO BE COORDINATED WITH CITY OF TAMPA PARKS DEPARTMENT
-  REMOTE CONTROL VALVES:
ALL VALVES SHALL BE INSTALLED IN AMETEK VP-10 VALVE BOXES WITH MATCHING COVERS. PLACE VALVE BOX ON BRICKS AND INSTALL ONE CUBIC FOOT OF PEA GRAVEL AT BASE OF VALVE FOR DRAINAGE. LOCATE VALVES MIN 2' FROM ALL SIDEWALK EDGES OR BUILDING EDGES. VALVE BOXES SHALL BE MOUNTED FLUSH WITH FINAL GRADE. USE PURPLE VALVES DUE TO RECLAIMED WATER
-  SPRAY SPRINKLERS: HUNTER PRO-SPRAY SERIES SPRINKLERS. REFER TO NOZZLE SELECTION CHART AS A GUIDE FOR PROPER NOZZLE PATTERN PER FIELD REQUIREMENTS. NOZZLE SELECTIONS SHOWN ON PLANS ARE TO BE USED AS A GUIDE ONLY. INSTALL BODY TYPES AS FOLLOWS:
-  6" POP-UP FOR TURF AREAS. (6P)
-  12" POP-UP FOR SHRUB & GROUND COVER BEDS ADJACENT TO WALKS. AND ADJACENT TO CURBS AND SIDEWALKS (12P)
-  RISERS WITH NOZZLES FOR SHRUB & GROUND COVER BEDS ADJACENT TO BUILDINGS.

HUNTER HDL 09 - 0.9 GPH FLOW RATE
DRIPLINE IRRIGATION TUBING, 12" ON CENTER.
SPACING OF TUBING WITH EMITTERS 12" ON CENTER.
INSTALL AS PER DIAGRAMS PROVIDED ON PLANS.
USE FILTERS AND AIR RELIEF VALVES AS INDICATED.
USE PURPLE PIPE.

-  LARGE AREA TURF ROTORS -HUNTER I25 AND HUNTER 1-40
INSTALL WITH FLEX PIPE -SEE DETAILS
-  TREE BUBBLERS: HUNTER PRO-SPRAY WITH MSBN NOZZLE; 1 GPM
INSTALL AT PERIMETER OF ROOTBALL. PIPING NOT SHOWN ON PLAN FOR CLARITY
-  INDICATES PVC SCH 40 SLEEVE SIZED TWO PIPE SIZES LARGER (INSIDE DIAMETER) THAN LATERAL LINE "WET PIPE" INDICATED ON PLAN.
-  SCH 40 PVC MAINLINE-2" (LOCATE IN PLANTING AREAS NOT UNDER PAVEMENT EXCEPT IN SLEEVES, AS SHOWN ON PLAN)
-  INDICATES PVC LATERAL LINE:
ALL PIPING SHALL BE PVC SCH 40 - INSTALLED WITH PURPLE PRIMER
-  P.O.C.: IRRIGATION CONTRACTOR TO VERIFY THAT PSI AND GPM OF METER ARE ADEQUATE FOR SYSTEM. CONTACT LANDSCAPE ARCHITECT IF THERE IS A DISCREPANCY BETWEEN THE PLAN AND SYSTEM AS INSTALLED.
IRRIGATION CONTRACTOR TO PROVIDE ENTIRE SYSTEM DOWNSTREAM OF METER, INCLUDING A BALL VALVE SHUT-OFF.








NOTE: ALL MAINLINE AND LATERAL LINES SHALL BE INSTALLED IN PLANTING AREAS AND SLEEVED UNDER PAVING AREAS AND ARE ONLY DIAGRAMATICALLY LOCATED ON THIS PLAN.


NOTE:
WHEN DIGGING NEAR EXISTING TREES, FIELD ADJUST HEADS, LINES AND TRENCHES TO AVOID CUTTING ROOTS 2" AND GREATER IN DIAMETER.

NOTE: IRRIGATION CONTRACTOR SHALL SIZE PIPE SIZES NOT TO EXCEED 5 FPS FEET-PER-SECOND OF FLOW RATE. PSI AND GPM AT ALL HEADS SHALL MATCH MANUFACTURERS DESIGN SPECIFICATIONS AS CALLED FOR ON PLANS DETERMINED BY HEAD TYPE ON CHART.

NOZZLE SELECTION CHART FOR SPRINKLERS

SHRUB SPRAYS & BUBBLER HEADS					
SYMBOL	SPEC#/NOZZLE	PSI	GPM	RADIUS	PATTERN
	15F	30	4	15'	FULL
	15A	30	3	15'	THREE QUARTER
	15A	30	2.6	15'	TWO THIRD
	15H	30	2	15'	HALF
	15A	30	1.4	15'	ONE THIRD
	15Q	30	1	15'	QUARTER
	15EST	30	0.6	4' x 15'	END STRIP
	15CST	30	1.2	4' x 30'	CENTER STRIP
	9SST	30	1.2	9' x 18'	SIDE STRIP
	15SST	30	1.45	4' x 30'	SIDE STRIP
	12F	30	2.1	12'	FULL
	12A	30	1.5	12'	THREE QUARTER
	12A	30	1.3	12'	TWO THIRD
	12H	30	1.1	12'	HALF
	12A	30	0.9	12'	ONE THIRD
	12Q	30	0.8	12'	QUARTER
	MSBN10F	30	1	1'	FULL STREAM BUBBLER
	MSBN50H	30	0.5	1'	HALF STREAM BUBBLER
	MSBN25Q	30	0.25	1'	QTR. STREAM BUBBLER

TURF ROTORS

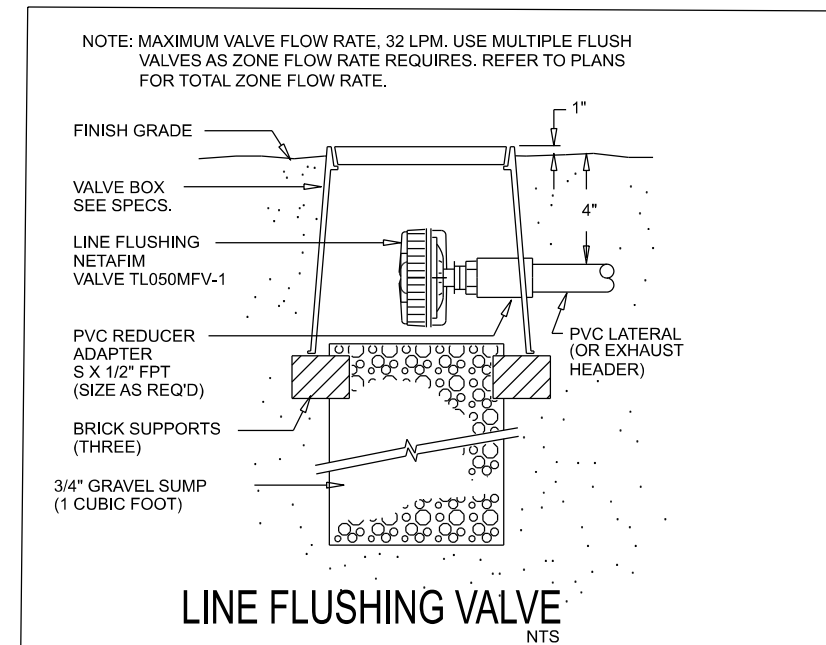
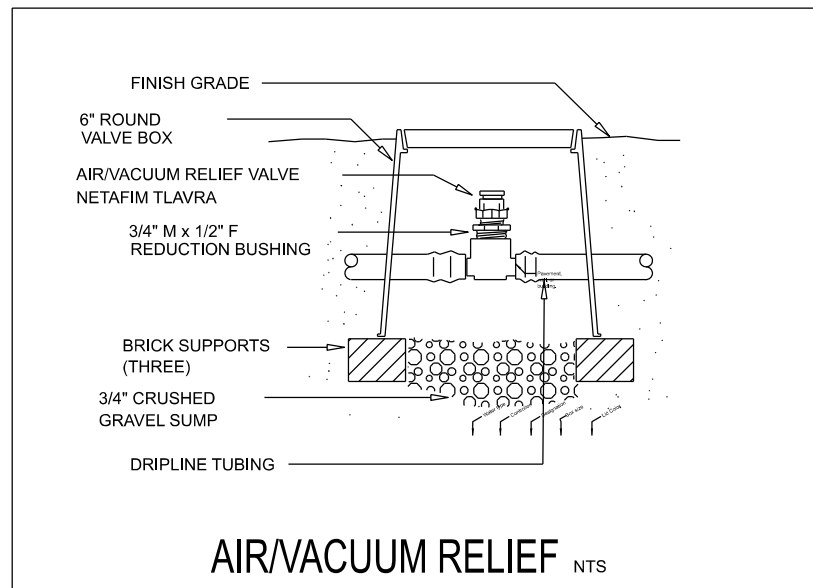
	AA	PGP-ADJ-LA-7	40	3.1	32'	ADJ. FULL
	BB	PGP-ADJ-LA-8	40	3.9	34'	ADJ. FULL
	CC	PGP-ADJ-LA-9	40	5	37'	ADJ. FULL
	DD	I-25-ADS-4	40	3.8	40'	ADJ. FULL
	EE	1-25-ADS-7	40	6.6	45'	ADJ. FULL
	FF	1-25-ADS-8	40	7.7	47'	ADJ. FULL
	GG	I-40-ADS-40	50	8	46'	ADJ. FULL
	HH	I-40-ADS-41	50	10.2	52'	ADJ. FULL
	II	1-40-ADS-43	50	14.2	58'	ADJ. FULL
	JJ	I-60-ADS-7	40	6.5	50'	ADJ. FULL
	KK	I-60-ADS-13	40	10	56'	ADJ. FULL
	LL	I-60-ADS-18	40	15	59'	ADJ. FULL

TREE BUBBLER NOTES:

- LARGER TREES REQUIRE MULTIPLE BUBBLERS USE THE FOLLOWING CHART TO DETERMINE THE NUMBER OF BUBBLERS. BUBBLER SIZES INDICATED ON PLANS


CONTAINER SIZE	BUBBLERS
15 GAL	1
30 GAL	2
45 GAL	3
60 GAL	4
B&B	4
PALM	2


- TREE BUBBLERS WILL BE INSTALLED ON SEPARATE ZONES. DO NOT INCLUDE BUBBLERS ON ROTOR OR SPRAY ZONES. SYSTEM IS DESIGNED FOR BUBBLERS ON SEPARATE ZONES.
- BUBBLER PIPING NOT INDICATED IN ALL INSTANCES FOR GRAPHIC CLARITY



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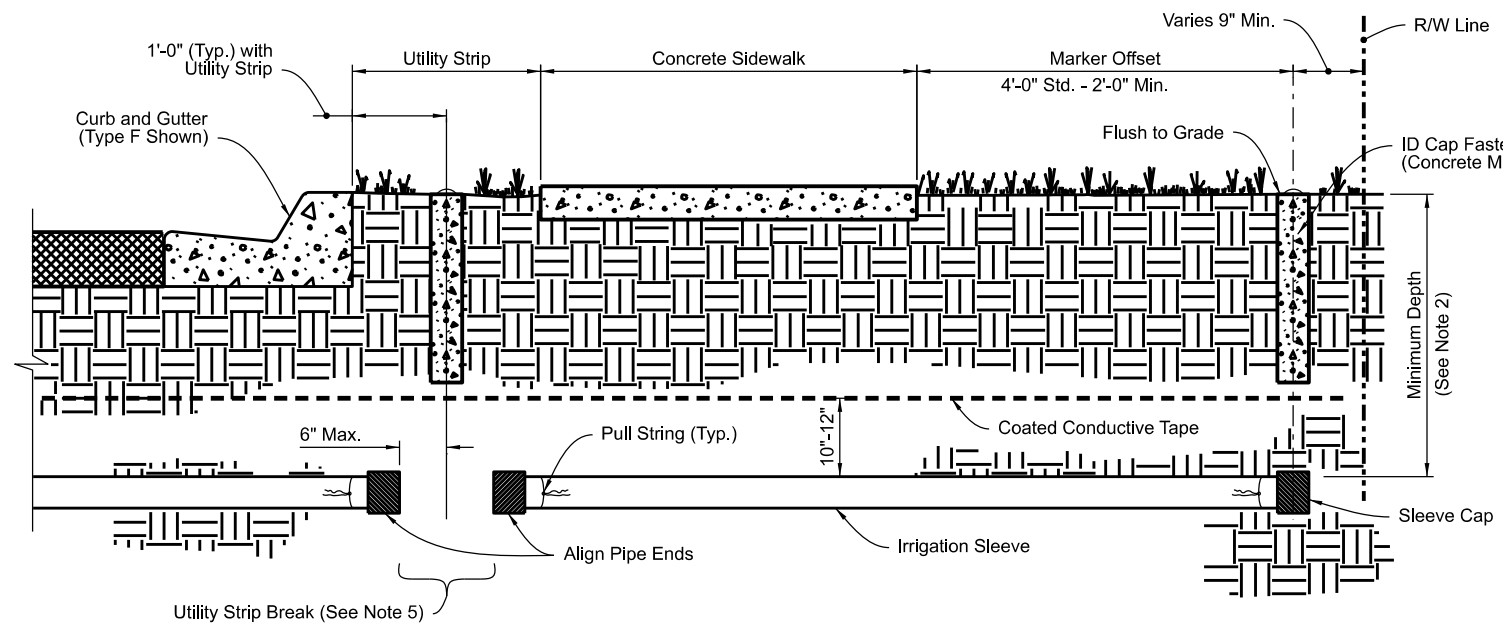
MEDIAN LANDSCAPE AND PUBLIC ART

CIP NO.

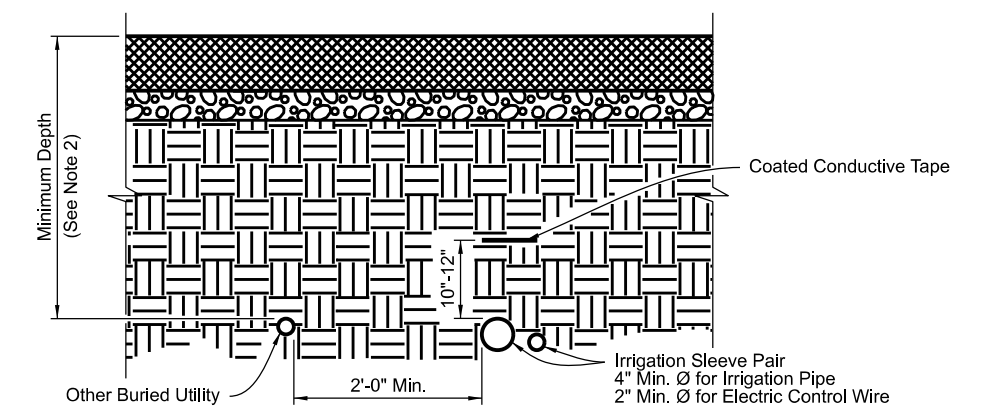
SHT. NO.

IRRIGATION DETAILS (1)

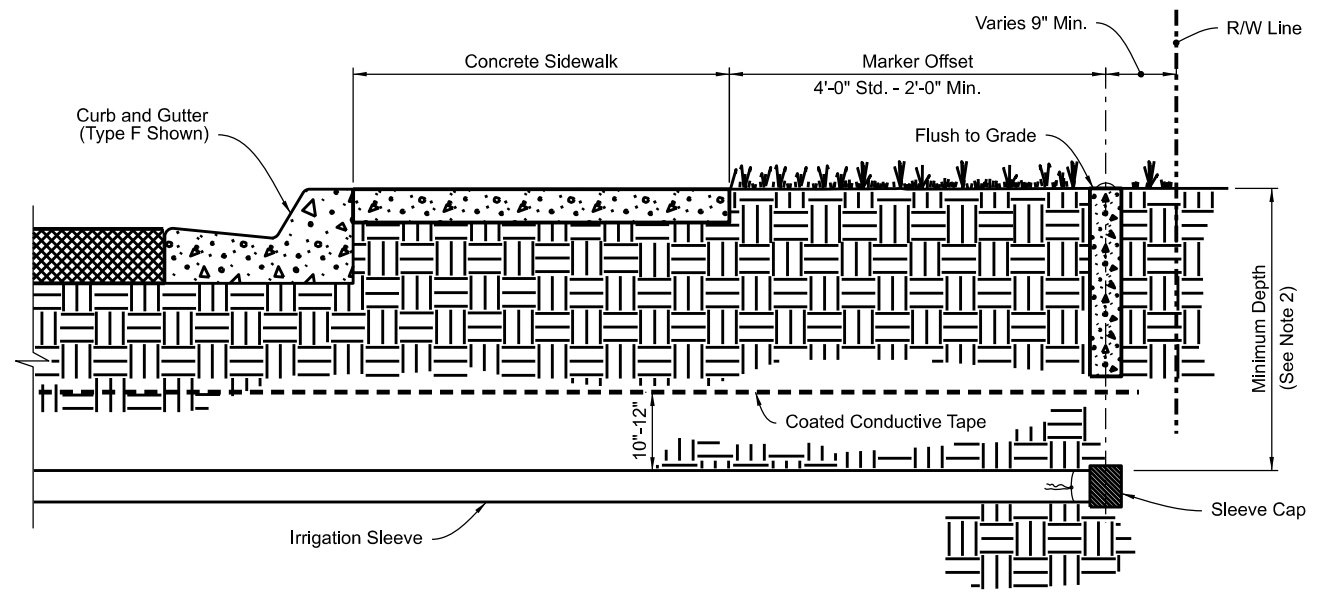
LD-12



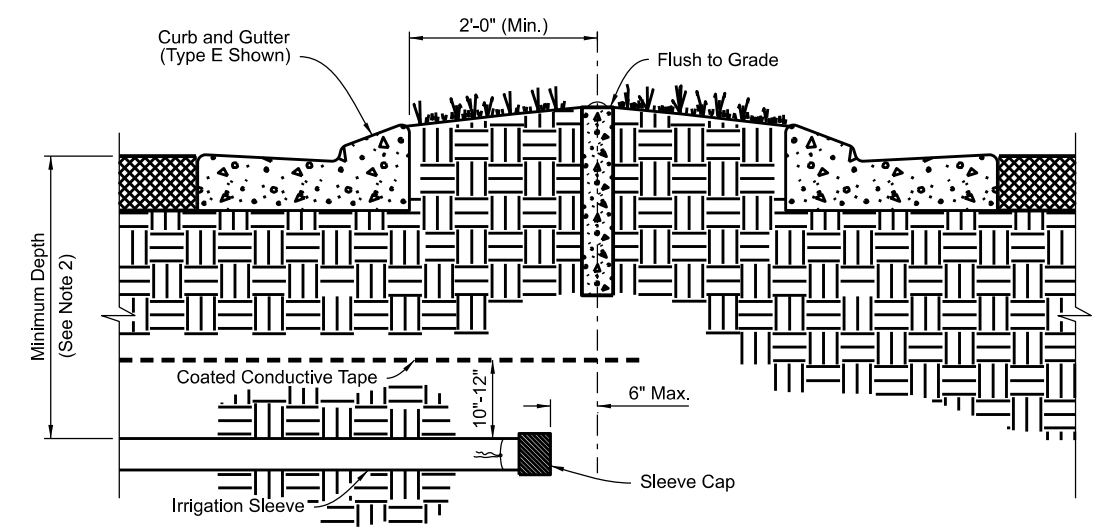
ROADWAY WITH UTILITY STRIP



ROADWAY CROSS SECTION



ROADWAY WITHOUT UTILITY STRIP



ROADWAY MEDIAN OR ROUNDABOUT


NOTES:


1. Work this Index with Specification 591.
2. Install Sleeve with the minimum depth measured from the top of the Irrigation Sleeve as shown in the Plans or specified in Index 630-001.
3. When installing Irrigation Sleeves in a median crossover, place sleeves along the centerline.
4. Irrigation Sleeves for Electrical Control Wire and Irrigation Pipe must be no further than 12" apart.
5. Install Utility Strip Breaks only when shown in the Plans.

Verify existing sleeve locations to medians. If no sleeve exists or can be found add lump sum cost for directional bore for new sleeve. Verify with City of Tampa Parks Department as-built plans.

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MEDIAN LANDSCAPE AND PUBLIC ART		CIP NO.	SHT. NO.
IRRIGATION DETAILS (2)			LD-13

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CONCRETE MEDIAN STAIN FOR ART PROJECT

PART 1 - GENERAL

DESCRIPTION

Staining concrete surfaces using an opaque Silicone Acrylic Stain shall include, but not be limited to, the following:

Staining systems to be: Concrete Sealer, Solid Color Solvent Based, Ultra Silicone Acrylic Concrete Stain - Opaque-Satin. Stain shall be semi-gloss when applied to concrete surfaces.

- 2. Surface preparation
- 3. Application of two (2) coats of Silicone Acrylic Stain/Sealer to exterior concrete surfaces.

Surfaces concealed by surface mounted articles readily detachable by removal of fasteners such as screws and bolts are included in the Work. Remove articles obstructing access to those surfaces and restore them to their original position and condition on completion.

Field Demonstration Area "Sample":

Provide a full 2-coat "sample" at the Field Demonstration Area using type of stains proposed for use on this Project. Duplicate the finish of the approved samples. Sample panel shall be 20' x 20', for all MSE wall color samples and 5'x 20' for beam color samples and 10'x10' for all other sample colors.

The Landscape Architect will select a minimum 1500 square foot area to be used as the Field Demonstration Area. The Field Demonstration Area will be in a sunny part of the site and will be representative of typical surfaces and conditions to be found on the project. Duplicate the finish of the approved samples on this Field Demonstration Area, as selected by the Landscape Architect.

Final approval of stain system and colors will be based on the field application samples provided at the Field demonstration Area.

The colors applied and approved in the Field Demonstration Area will become basis of comparison for all stain work on the project.

3.02 SURFACE PREPARATION

All surfaces shall be thoroughly cleaned, dry and free of grease, oil, paint, rust stains, coatings, etc. and cured for a minimum of 45 days or the manufacturers recommended cure time.

Existing concrete surfaces shall be prepared using stain manufacturer's recommendations at a minimum.

If concrete surface feels like 120-grit sandpaper, the pores are open enough for the stain/sealer to properly bond. If concrete does not have this texture, acid etch the concrete with a solution of 2 parts water to 1 part muriatic acid and apply evenly over the surface. Do not brush or broom the acid, allow remaining undisturbed for 15 to 20 minutes. Pressure wash or rinse thoroughly with plenty of water and pressure. repeat the above until the desired sandpaper texture is achieved. Allow the surface to dry a minimum of 24 hours under favorable conditions.

3.03 APPLICATION

Application of stain shall take place within three (3) calendar days of the completion of the cleaning procedure for the area to be stained.

Provide finished surfaces free from runs, drips, ridges, waves, laps, brush marks, and variations in color. Allow sufficient time between coats to permit thorough drying and ensure each coat is in proper condition to receive the next. Each coat shall cover the surface of the preceding coat or surface completely. There shall be an easily perceptible difference in shades of successive coats.

Thoroughly work staining materials into all joints, crevices, and open spaces. Finished surfaces shall be smooth, even, and free of defects. Retouch damaged stain before applying succeeding coats.

Apply stain under dry conditions only. Do not apply if rain is expected within 12-hours following application. Air and surface temperature shall be between 50-degrees and 95-degrees Fahrenheit during and for 24-hours following application. Apply liberally for maximum bonding. Stir thoroughly before and during application. Do not reduce.

Application Methods:

Stain shall be applied as per the manufacturer's recommendations.

First Coat:

Apply at package consistency. Apply first coat evenly, working in one direction. Allow to dry at least 12-hours before applying the second coat. Do not overwork (brushing or rolling back over partially dried material may cause lifting of the coating from the surface). Allow the material to dry properly for a minimum of 12 hours and apply second coat.

G. Second Coat:

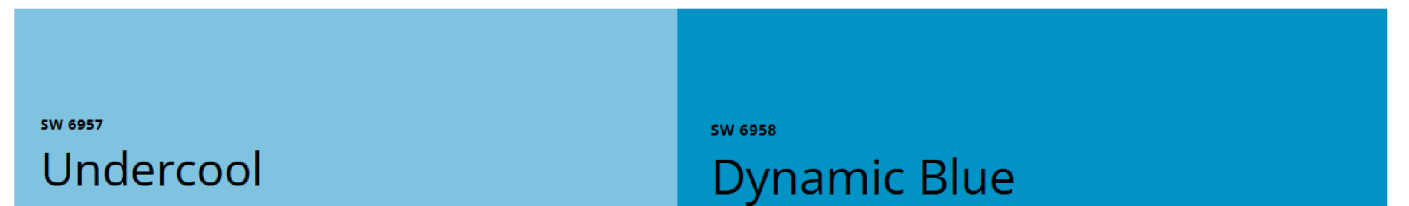
Apply at package consistency. Apply the second coat crosswise to the first coat. (perpendicular)

H. The rate of application shall not exceed the average rate of coverage recommended by the stain manufacturer for the type of surface involved, less adequate percent allowance for losses, unless the manufacturer's printed recommended specifications state that the recommended rate includes normal expected losses.

Colors to be as follows:

Darker Blue: Sherwin Williams - SW 6957 Undercool

Lighter Blue: Sherwin Williams - SW 6958 Dynamic Blue



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DATE	DESCRIPTION	DATE	DESCRIPTION			CONCRETE STAIN SPECIFICATIONS			LD-14

WEST SHORE BOULEVARD

Streetscape Maintenance Plan Narrative:

The project falls within the USADA Zone 9-9A, with minimum temps between 26-32 degrees F, but only every few years. This project is in an urban environment. It can be expected that this landscape will be subjected to incoming fronts from the NW and lightning most summers except for tropical storms and hurricanes. Summers are typically very hot humid and frequent rainfall in the afternoons. Temperatures in the medians will be excessive as it is surrounded by concrete and the evening temps will have the tendency to dry out and heat up the soils. The planned irrigation system will be the source of the irrigation for the medians, the plantings along the side of the road are covered by the existing irrigation system.

Litter Pickup:

Litter shall be removed bi-weekly before each mowing. If needed it shall be removed semi-weekly as required.

Mowing:

In some areas we are proposing the use of Perennial Peanut (ARACHIS glabrata). This will require monthly mowing in the summer months June – September and then semi-monthly from October thru May. The mowing shall be to a height of 3”. This is to remove the seed heads from weeds and help controlled the invasive weeds. It can also be controlled by applications of “Impose” herbicide, according to manufacturer’s directions and frequency.

Edging:

Perennial Peanut shall be edged off the back of curbs and around the edges of the internal plant beds, once a month from June through October and then every other month from October to May. This shall coincide with the mowing schedule

Weeding:

Use of herbicides is encouraged to minimize had pulling of weeds in the medians of the busy roadway. Care should be taken not to overspray onto the leaves of the desired landscape plantings. Weeding shall be bi-weekly, for the first 6 months then monthly in Summer (June-September) and then bi Monthly from October through May. Proper applications of ‘Impose’ herbicide, (*Makhteshim Agan of North America, Inc., (MANA), based in Raleigh, N.C.*) which seems to work well to reduce weeds, but not harm the peanut. It is used as an agricultural herbicide on edible peanut crops. Follow manufacturer’s directions with this product.

Mulch:

Frequent observation and replacement of Pine Straw mulch as required to maintain a 3” cover will help reduce invasive weeds. This should be considered at least once a year for a full mulching and spot mulch, semi-annually as needed. Perennial peanut will not need to be mulched.

Pruning:

The plant selections are chosen for their habit of maintaining a small size and pruning should not be required other than an annual trimming of overgrown limbs or branches. Dead tree limbs need to be removed as soon as they are seen. The ‘Silhouette’ Sweetgum trees have a narrow, upright shape and

should not be sheared or otherwise shaped. Pruning shall take place in early Spring (March) and then again in Early winter, after the growing season (November)

Aloe’s shall not be pruned or trimmed, except to removed dead leaves semi-annually

Fertilization:

The trees, shrubs and ground covers shall be fertilized annually in March. Use a Time-release Osmocote or equal, and according to manufacturer’s recommendations for the particular plant material.

Watering:

The watering will be by the existing irrigation system along the right of way and the planned irrigation system in the medians. Landscape Contractor to ensure that irrigation system is functioning for the first 12 months after Final Acceptance. After the 12 month warranty period, the City of Tampa Park Department will assume irrigation monitoring and maintenance. Watering shall be planned to be daily if needed, for the first couple of weeks after Substantial Completion, and then weekly as needed to maintain the plantings in a Florida #1 condition during the warranty period. After one year the watering shall be more frequent in the dry spring months from March through middle of June. Monitor watering in summer for periods of low rainfall and high temps and water as needed upon any signs of wilt in the more tender plantings. October will probably require supplemental watering as it is still warm and with little natural rainfall. Little watering will be needed from November through February.

Maintenance Period:

Maintenance shall be by landscape contractor for 12 months after Final Acceptance and then be assumed by the City of Tampa Parks Department by written maintenance agreement.

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DATE	DESCRIPTION	DATE	DESCRIPTION			MAINTENANCE NARRATIVE			LD-15

**WEST SHORE BOULEVARD
PLANT LIST - MAINTENANCE**

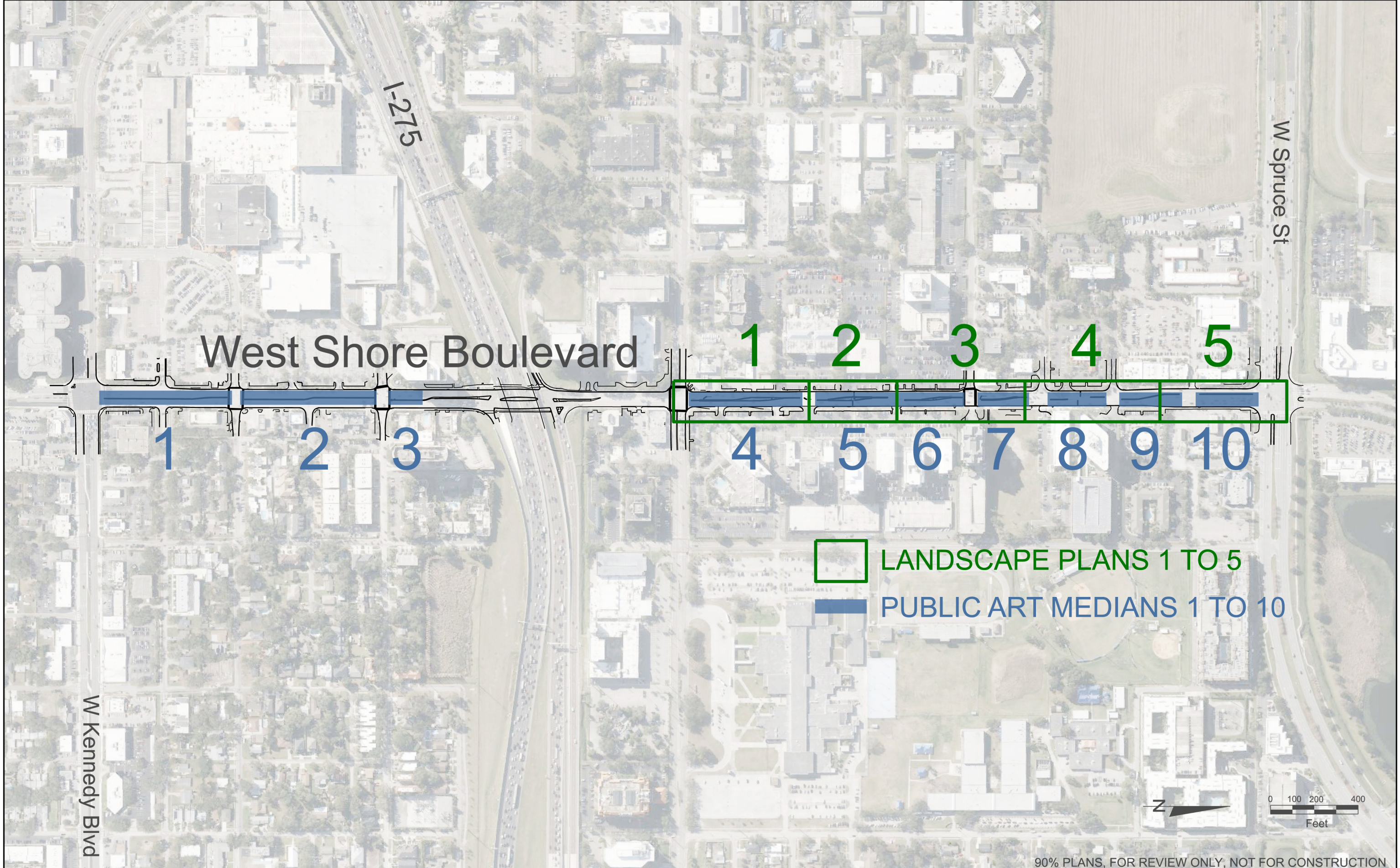
For Westshore Alliance

Symbol	Common Name	Scientific Name	Maximum maintained HEIGHT or typical mature height (m)	Maximum maintained SPREAD or typical mature spread (m)	Habit	Freeze & Frost Information	Special Maintenance Notes or instructions	Weeds and Litter	Edges	Irrigation
GROUND COVER (18" OR LESS HEIGHT)										
AG	Perennial peanut POTS in ROW plantings	ARACHIS glabrata	4"	full coverage	1 gallon for ROW plantings	Will yellow in freeze but will return	Blooms most months out of the year, primarily in summer - growth rate slows in cooler months s. Grows as singular plants		use trimmer to edge along backs of curbs when mowing month	overhead spray - or natural rainfall once established
AG1	Perennial peanut SOD - for median plantings	ARACHIS glabrata	4"	full coverage	sod for full coverage in medians	"	"		"	"
SHRUBS (36" OR LESS HEIGHT)										
IVS	Dwarf Shelling's Holly	Ilex vomitoria 'Shelling's'	18"	36"	Dense dark green leaves - stays compact-slow growing Florida native	In heavy freeze may see some frost damage - allow to grow back. Damage minimal if any	Low maintenance. Needs moist soils to prosper - water frequently - but is drought tolerant		do not prune into meatballs	Water needs are moderate in medians - relies on natural rainfall but could use water in dry winter and hot spring months
IXO	DW Yellow Ixora	IXORA taiwanensis 'Yellow'	24"	24"	medium growth rate - dense yellow flowers all summer	Will freeze and some frost damage - but not likely in a median	maintain at 24" ht, takes well to shearing sem0annually		will maintain full to ground	Has a high need for water in spring dry season - relies on natural rainfall in summer but could use water in dry winter and hot spring months
YG	Gloriosa Yucca	YUCCA gloriosa	24"	24"	yellow streaked ball shape of spears	No issues with cold in this area	Needs no pruning or shaping	trim off dead leave annually from base	allow to self maintain its shape	Little water needs after establishment
ZP	Coontie	ZAMIA pumila	30"	30"	Dark green ball - needs no maintenance	No issues with cold in this area	Needs no pruning or shaping	trim off dead leave annually from base	allow to self maintain its shape	Little water needs after establishment
LARGE TREES GREATER THAN 11" CALIPER (40' ON CENTER MAX SPACING)										
LS	Slender Silhouette Sweet Gum	LIQUIDAMBER styraciflua 'Slender Silhouette'	45'-55'	30-40'	Tall narrow slender deciduous tree	No issues with cold in this area	Florida Native - it is a cultivar. Allow to grow into natural shape - do not prune -will not exceed 36-40" in diameter	hand pull weeds, or use light herbicide outside rootball	Allow to shape naturally, do not shear	Bubblers around each tree
Pine Straw Mulch Less issues with washing out in heavy rains										
Red Lava Rock mulch on plant bed perimeters										


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DATE	DESCRIPTION	DATE	DESCRIPTION			MAINTENANCE SPECIFICATIONS		LD-16


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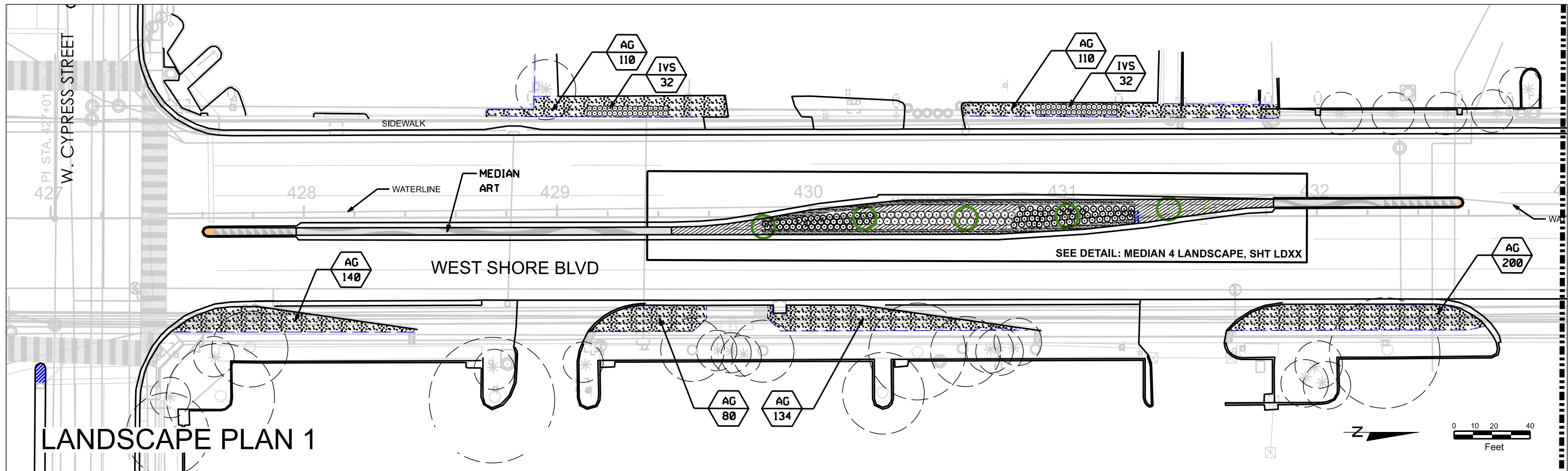
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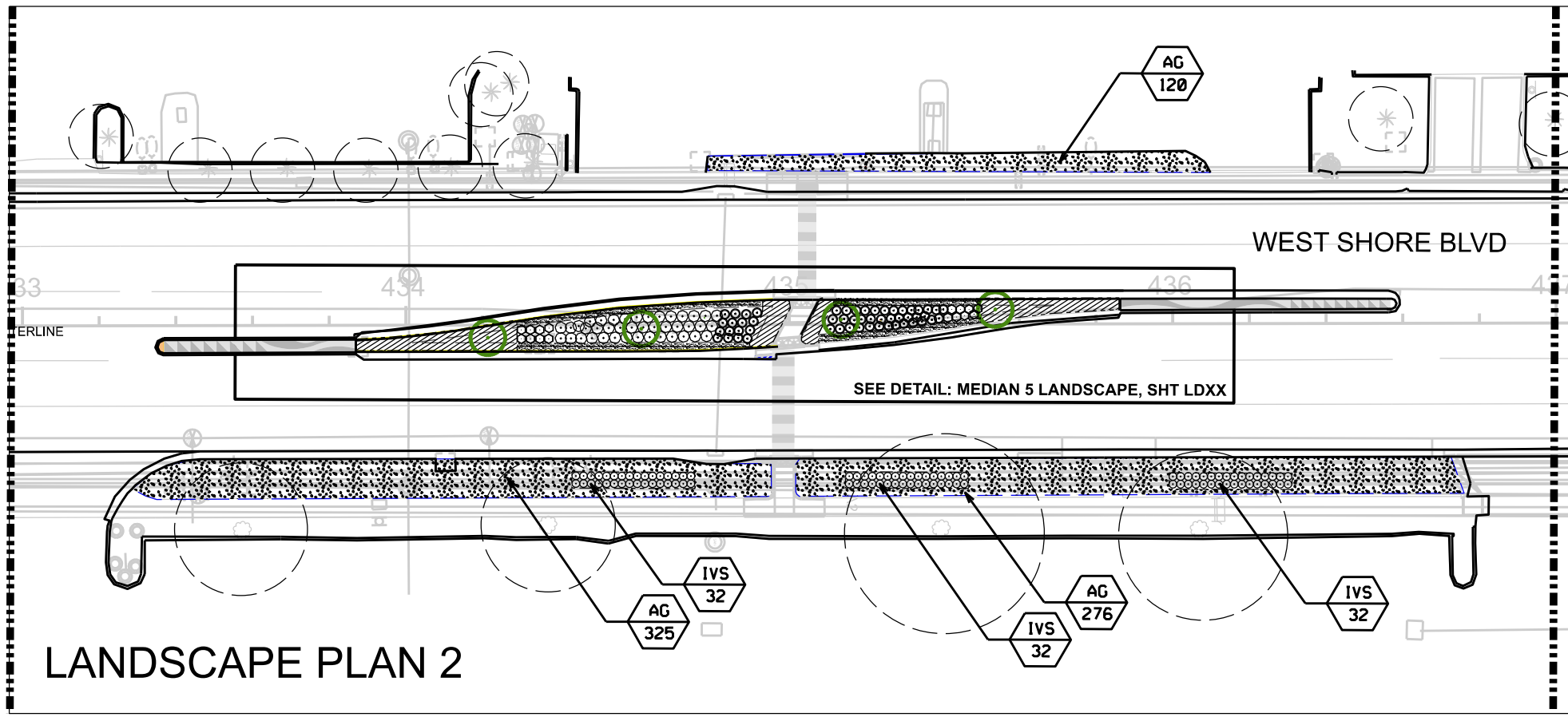
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PROJECT LAYOUT		LD-17

CIP NO.	SHT. NO.
	LD-17

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LANDSCAPE PLAN 1



LANDSCAPE PLAN 2

PLANTING LEGEND

LSS		LIQUIDAMBAR TRYRACIFLUA 'Silhouette' 4" cal. 22" tall x 3" width B+B
IXO		IXORA taiwanensis 7 Gal 24" X 16"
ZP		ZAMIA PUMILA 15 Gallon 3' X 3'
YF		YUCCA filamentosa 'Color Guard' 7 Gallon 24" dia
IVS		ILEX vomitoria 'Shellings Dwarf' 3 Gal 12" x 12"
AGI		Perennial Peanut Sod (ARACHIS glabrata)
AG		Perennial Peanut 1 Gal, 14" o.c.
		Red Lava Rock 3/8" Mulch

PLANTABLE AREAS TO RECEIVE PINE STRAW



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MEDIAN LANDSCAPE AND PUBLIC ART	CIP NO.	SHT. NO.
LANDSCAPE PLANS 1 AND 2		LD-18

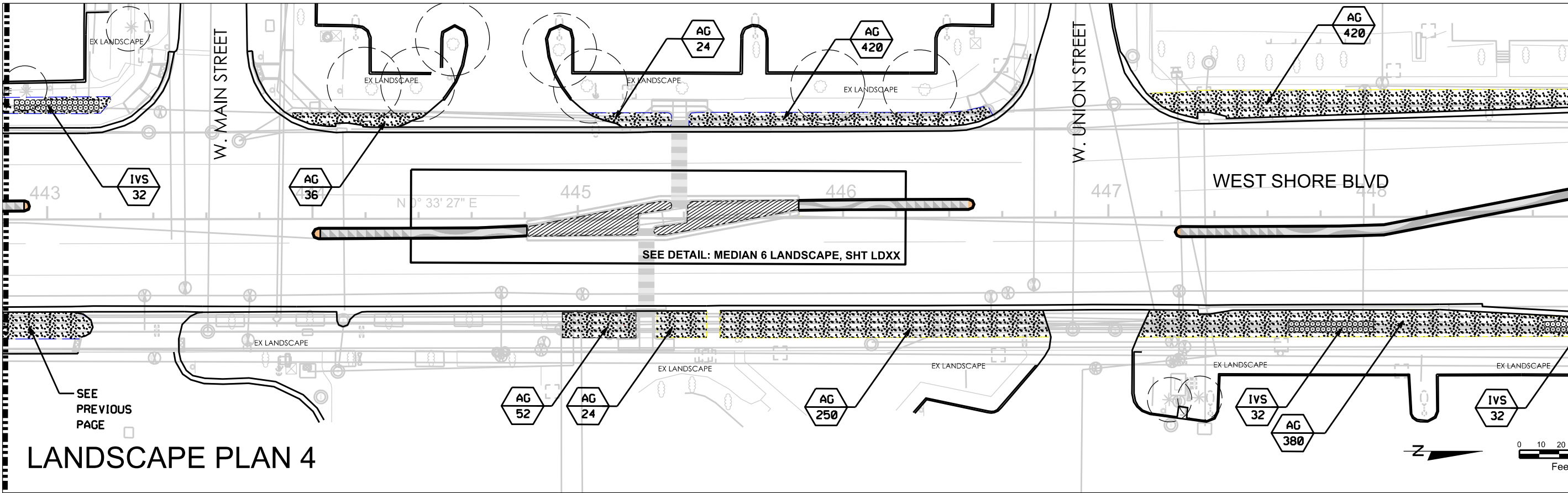
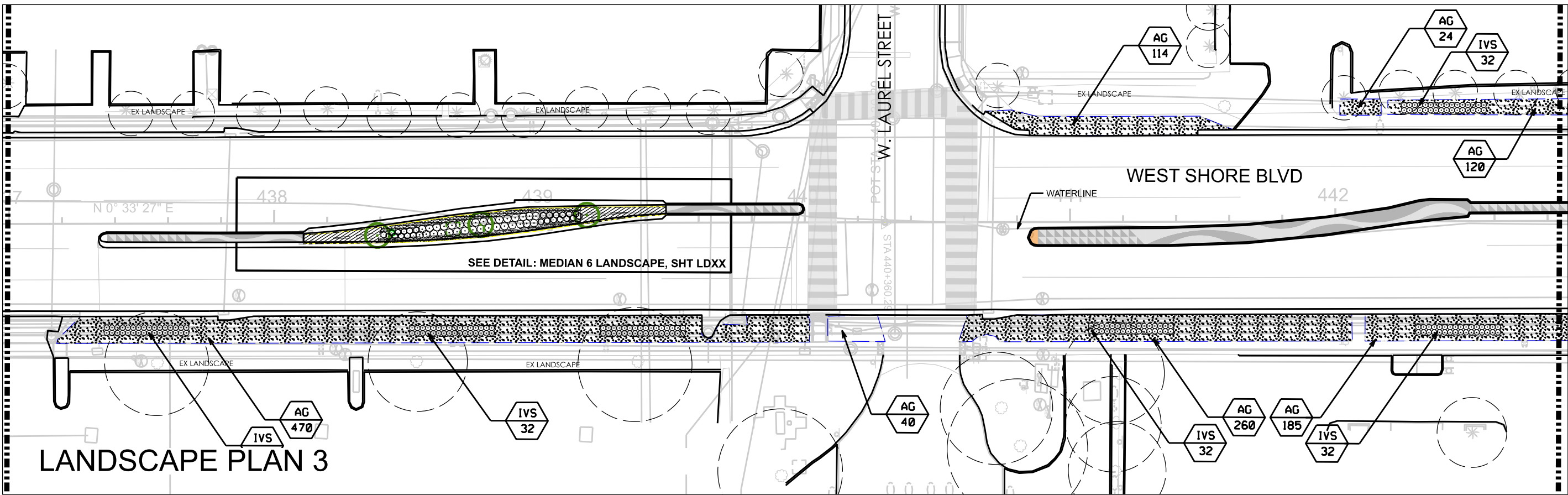
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MATCHLINE LANDSCAPE PLAN 2 - SHEET LDXX

MATCHLINE LANDSCAPE PLAN 4

MATCHLINE LANDSCAPE PLAN 3

MATCHLINE LANDSCAPE PLAN 4 - SHEET LDXX



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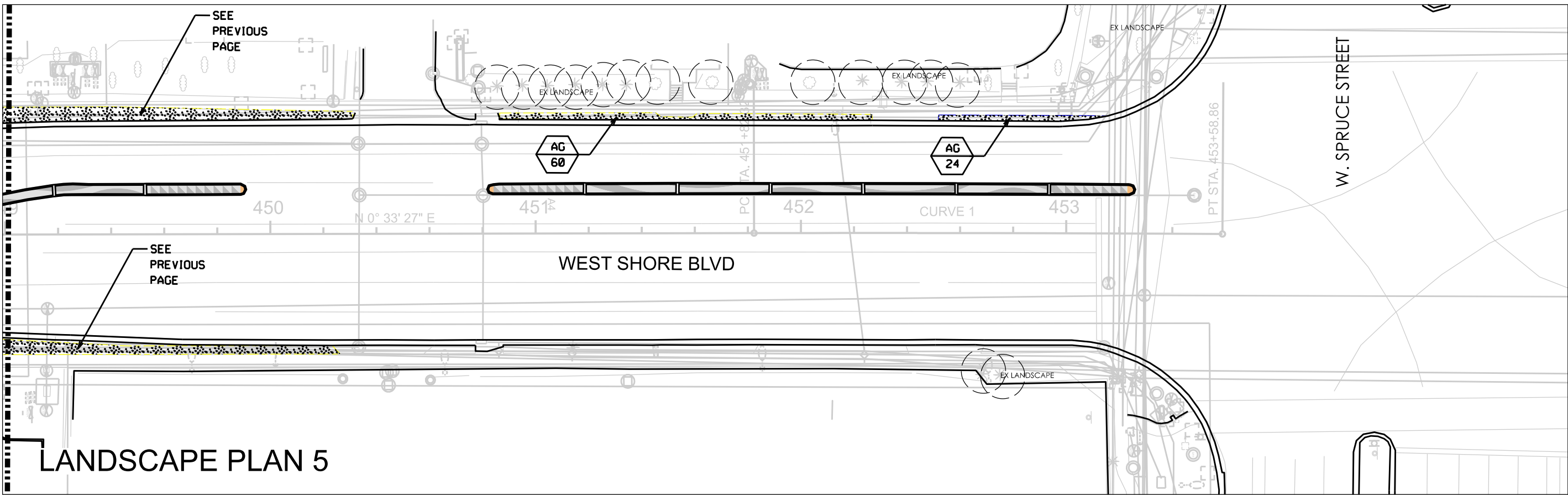
MEDIAN LANDSCAPE AND PUBLIC ART

LANDSCAPE PLANS 3 AND 4

CIP NO.	SHT. NO.
	LD-19

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MATCHLINE LANDSCAPE PLAN 4 - SHEET LDXX

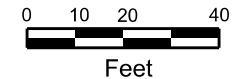


LANDSCAPE PLAN 5

PLANTING LEGEND

LSS		LIQUIDAMBAR TRYRACIFLUA 'Silhouette' 4" cal. 22' tall x 3' width B+B
IXO		IXORA taiwanensis 7 Gal 24" X 16"
ZP		ZAMIA PUMILA 15 Gallon 3' X 3'
YF		YUCCA filamentosa 'Color Guard' 7 Gallon 24" dia
IVS		ILEX vomitoria 'Shellings Dwarf' 3 Gal 12" x 12"
AGI		Perennial Peanut Sod (ARACHIS glabrata)
AG		Perennial Peanut 1 Gal, 14" o.c.
		Red Lava Rock 3/8" Mulch

PLANTABLE AREAS TO RECEIVE PINE STRAW



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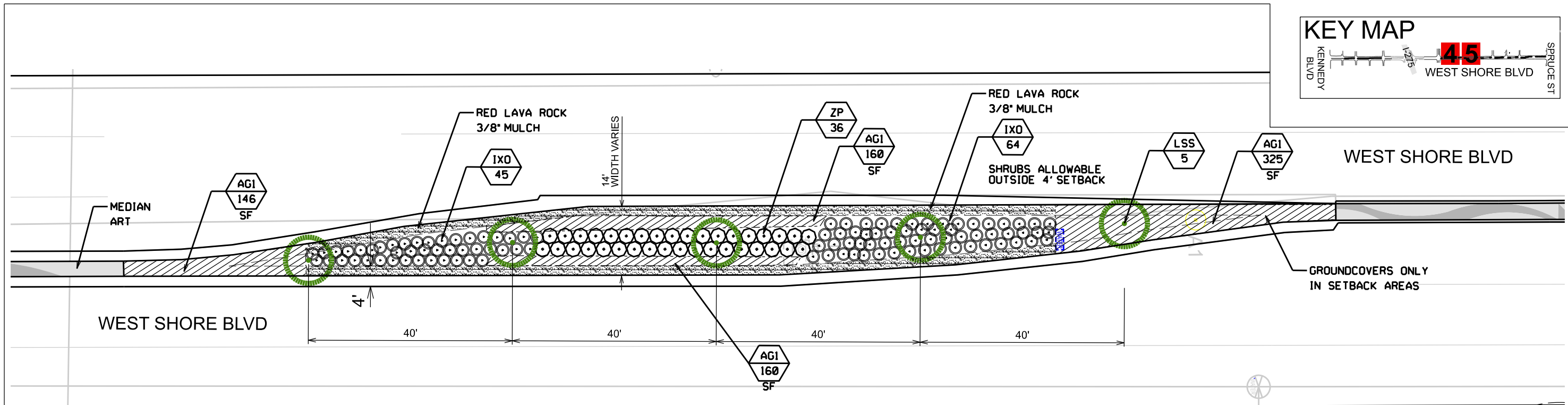
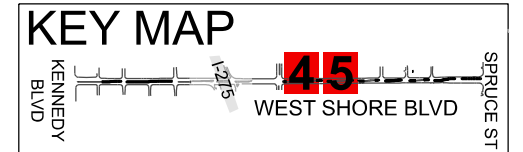
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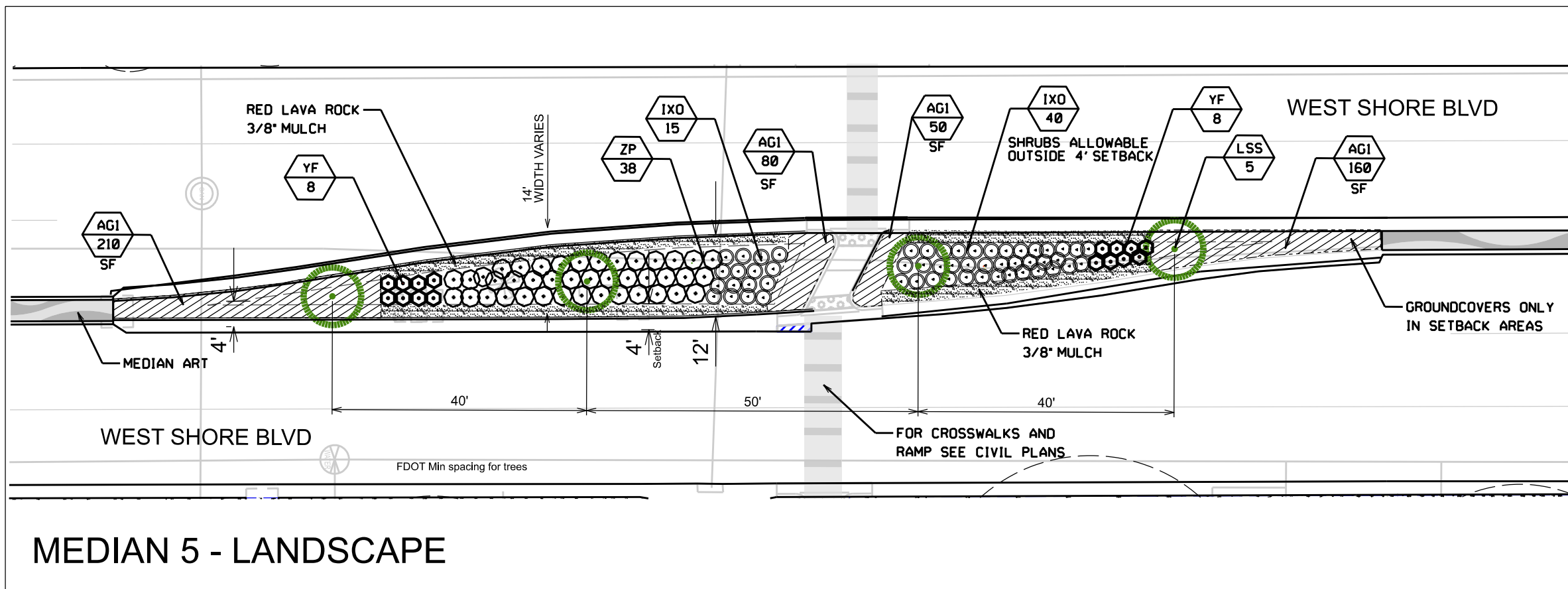
WESTSHORE ALLIANCE
 3109 W. DR. MLK JR. BOULEVARD
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 TAMPA, FL 33607

MEDIAN LANDSCAPE AND PUBLIC ART		CIP NO.	SHT. NO.
LANDSCAPE PLAN 5			LD-20

MATCHLINE LANDSCAPE PLAN 4 - SHEET LDXX
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MEDIAN 4 - LANDSCAPE

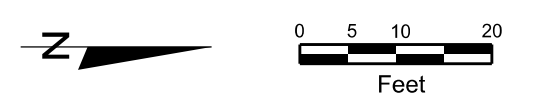


MEDIAN 5 - LANDSCAPE

PLANTING LEGEND


- LSS LIQUIDAMBAR TRYRACIFLUA 'Silhouette' 4" cal. 22" tall x 3' width B+B
- IXO IXORA taiwanensis 7 Gal 24" X 16"
- ZP ZAMIA PUMILA 15 Gallon 3' X 3'
- YF YUCCA filamentosa 'Color Guard' 7 Gallon 24" dia
- IVS ILEX vomitoria 'Shellings Dwarf' 3 Gal 12" x 12"
- AGI Perennial Peanut Sod (ARACHIS glabrata)
- AG Perennial Peanut 1 Gal, 14" o.c.
- Red Lava Rock 3/8" Mulch


PLANTABLE AREAS TO RECEIVE PINE STRAW



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION


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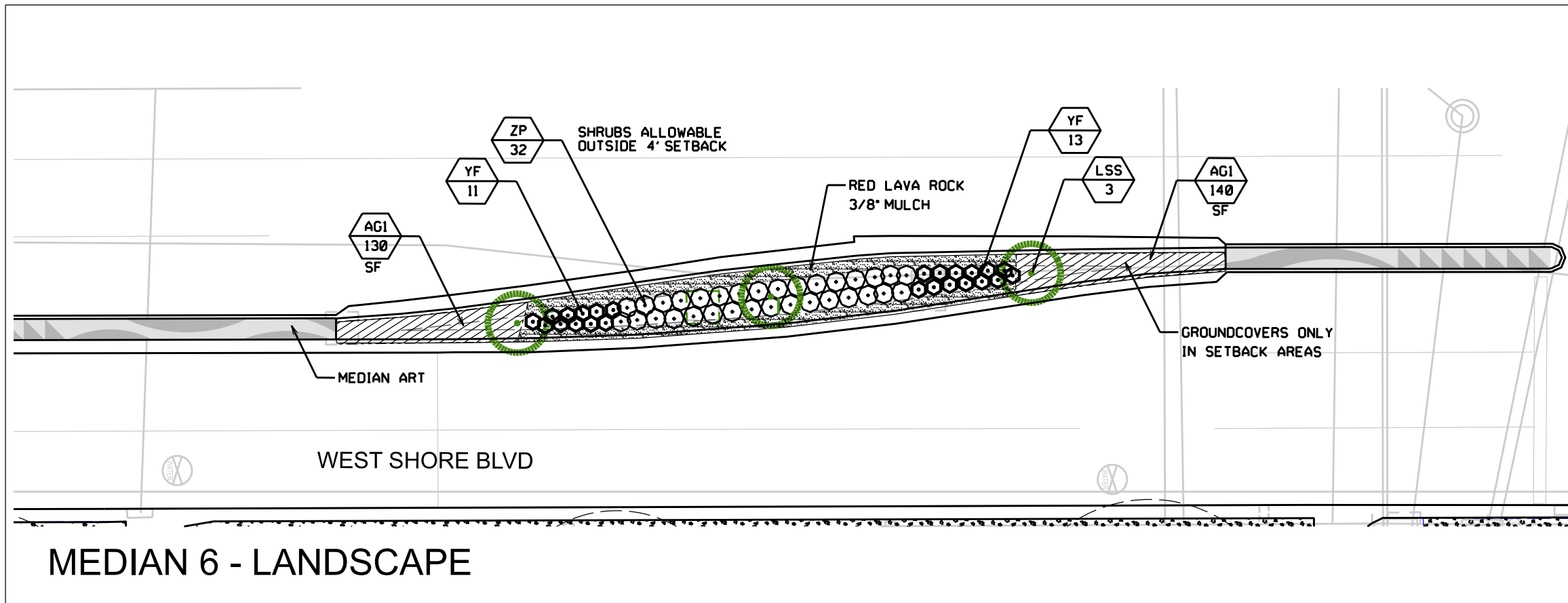
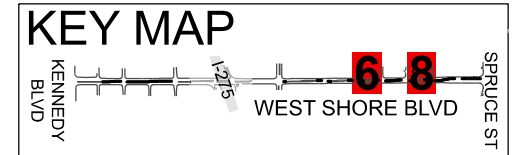

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MEDIAN LANDSCAPE AND PUBLIC ART

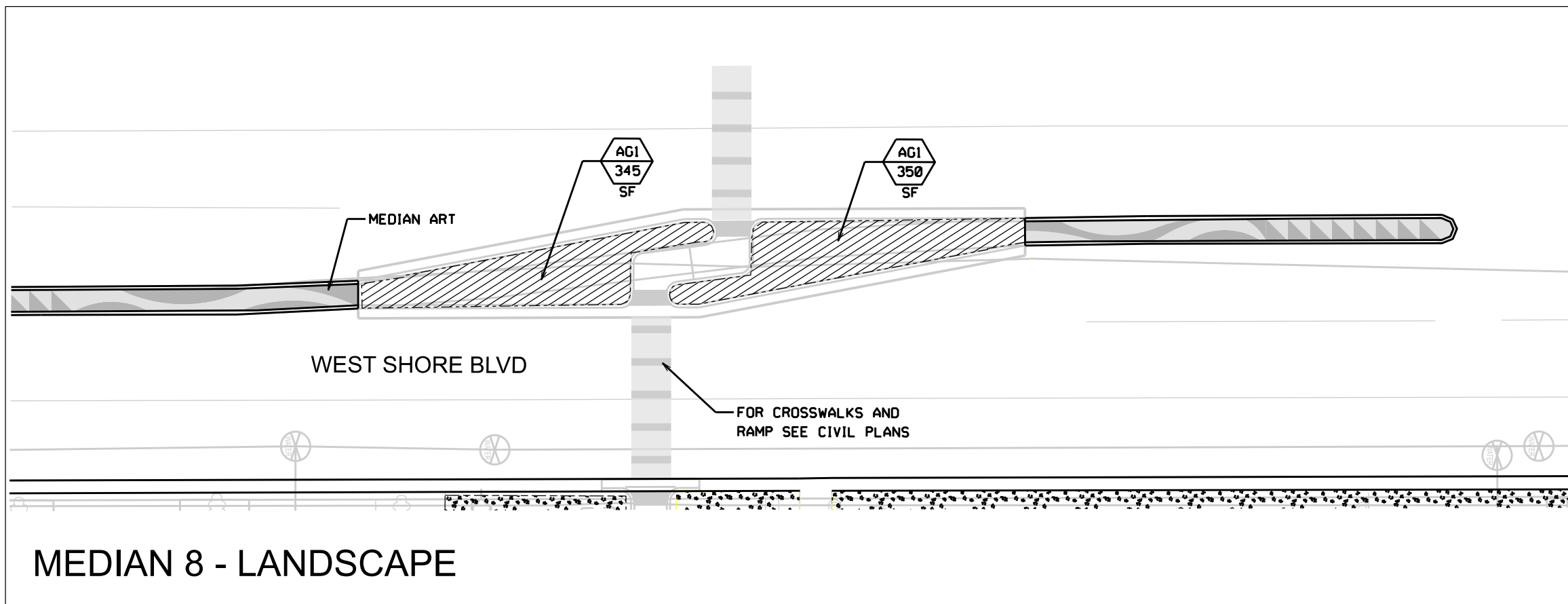
LANDSCAPE PLAN
MEDIANS 4 AND 5

CIP NO.	SHT. NO.
	LD-21

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MEDIAN 6 - LANDSCAPE



MEDIAN 8 - LANDSCAPE

PLANTING LEGEND


LSS		LIQUIDAMBAR TRYRACIFLUA 'Silhouette' 4" cal. 22" tall x 3' width B+B
IXO		IXORA taiwanensis 7 Gal 24" X 16"
ZP		ZAMIA PUMILA 15 Gallon 3' X 3'
YF		YUCCA filamentosa 'Color Guard' 7 Gallon 24" dia
IVS		ILEX vomitoria 'Shellings Dwarf' 3 Gal 12" x 12"
AGI		Perennial Peanut Sod (ARACHIS glabrata)
AG		Perennial Peanut 1 Gal, 14" o.c.
		Red Lava Rock 3/8" Mulch


PLANTABLE AREAS TO RECEIVE PINE STRAW



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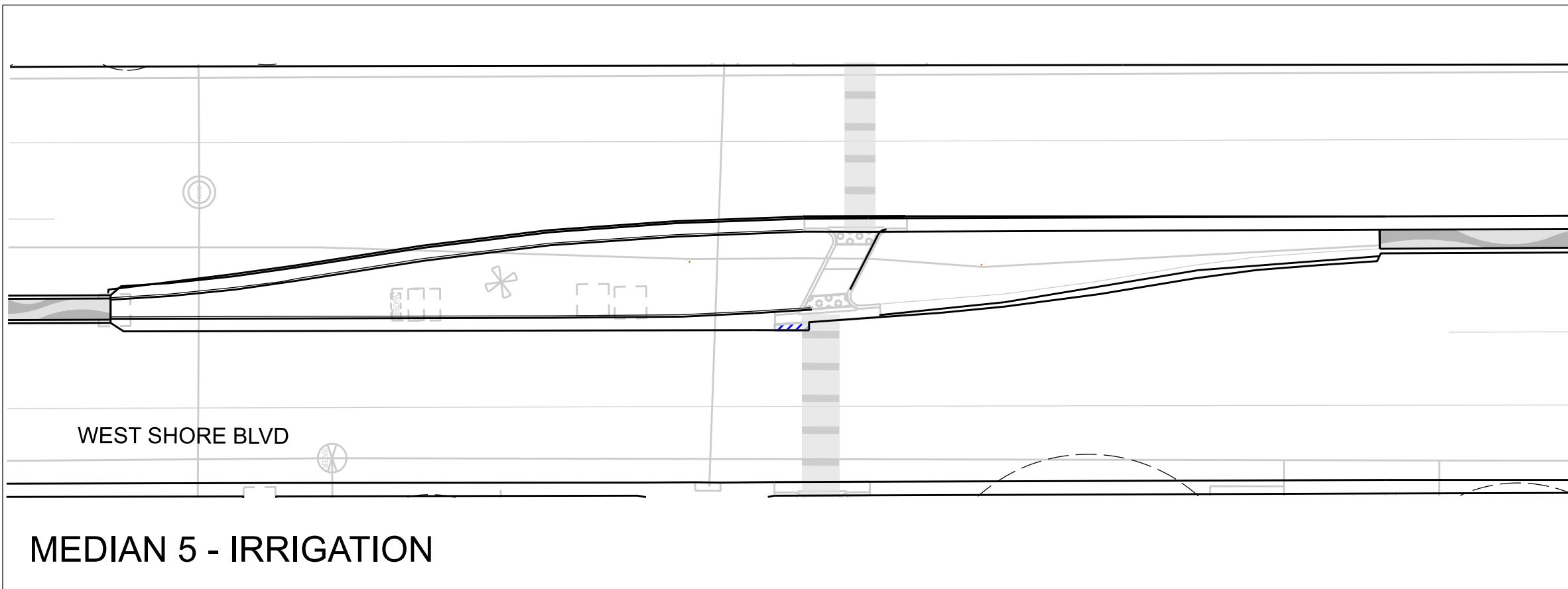
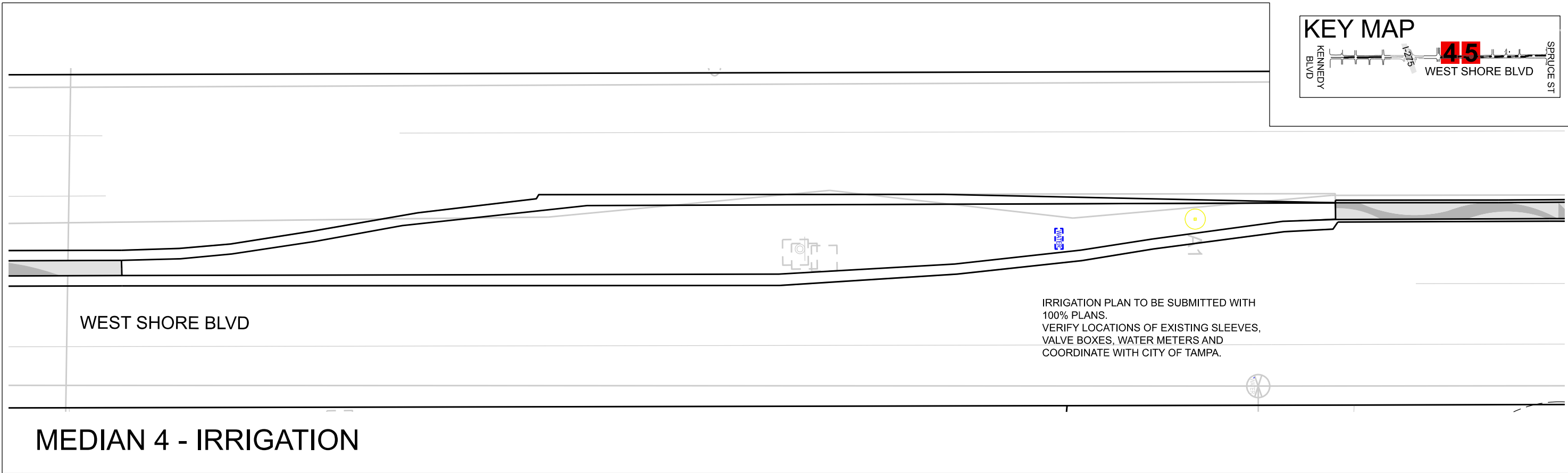
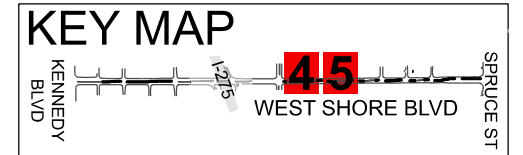

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MEDIAN LANDSCAPE AND PUBLIC ART

LANDSCAPE PLAN
MEDIANS 6 AND 8

CIP NO.	SHT. NO.
	LD-22

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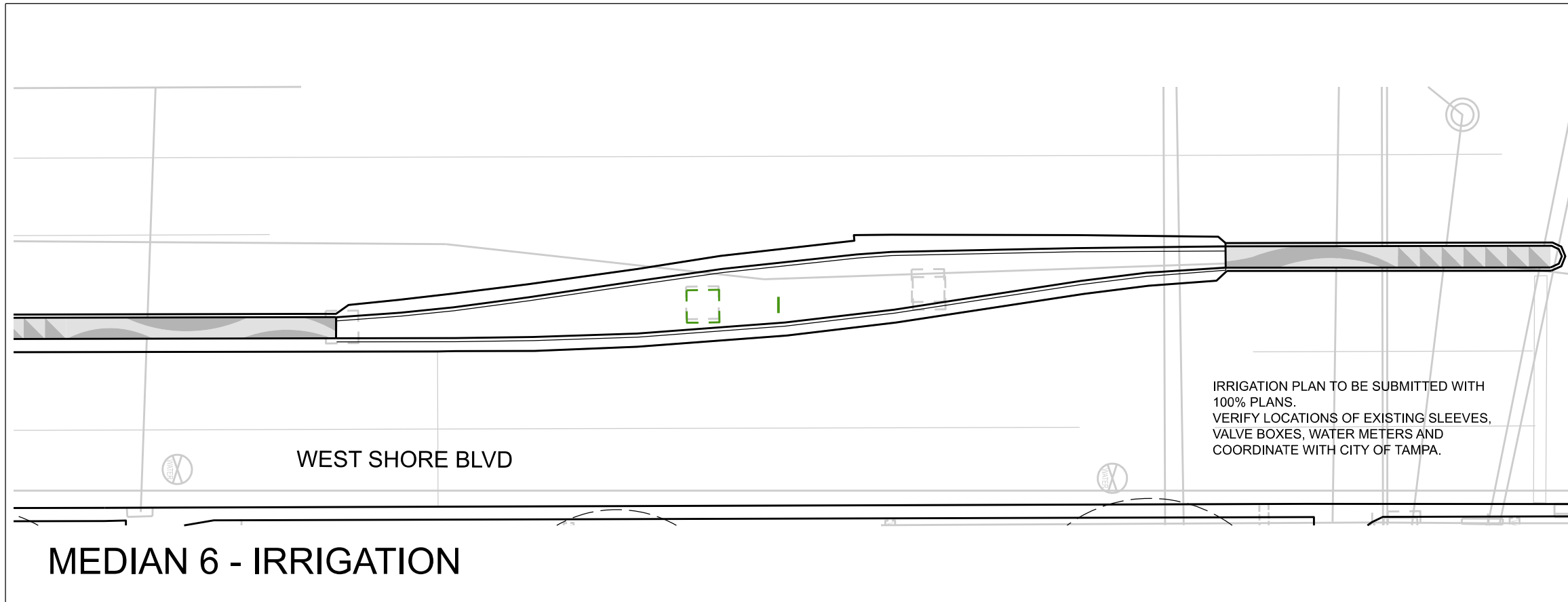
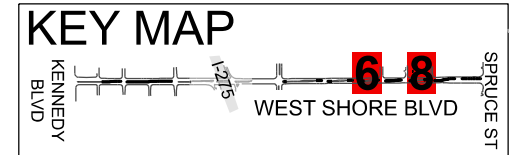
LIGHTING
 LOCATE A JUNCTION BOX AT THE BASE OF EACH TREE FOR FUTURE TREE LIGHTING

IRRIGATION LOCATIONS MATERIALS & CONNECTIONS TO BE COORDINATED WITH CITY OF TAMPA:
 KEN STEAD 813-690-7111
 KEN.STEAD@TAMPAGOV.NET



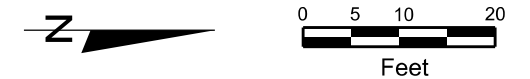
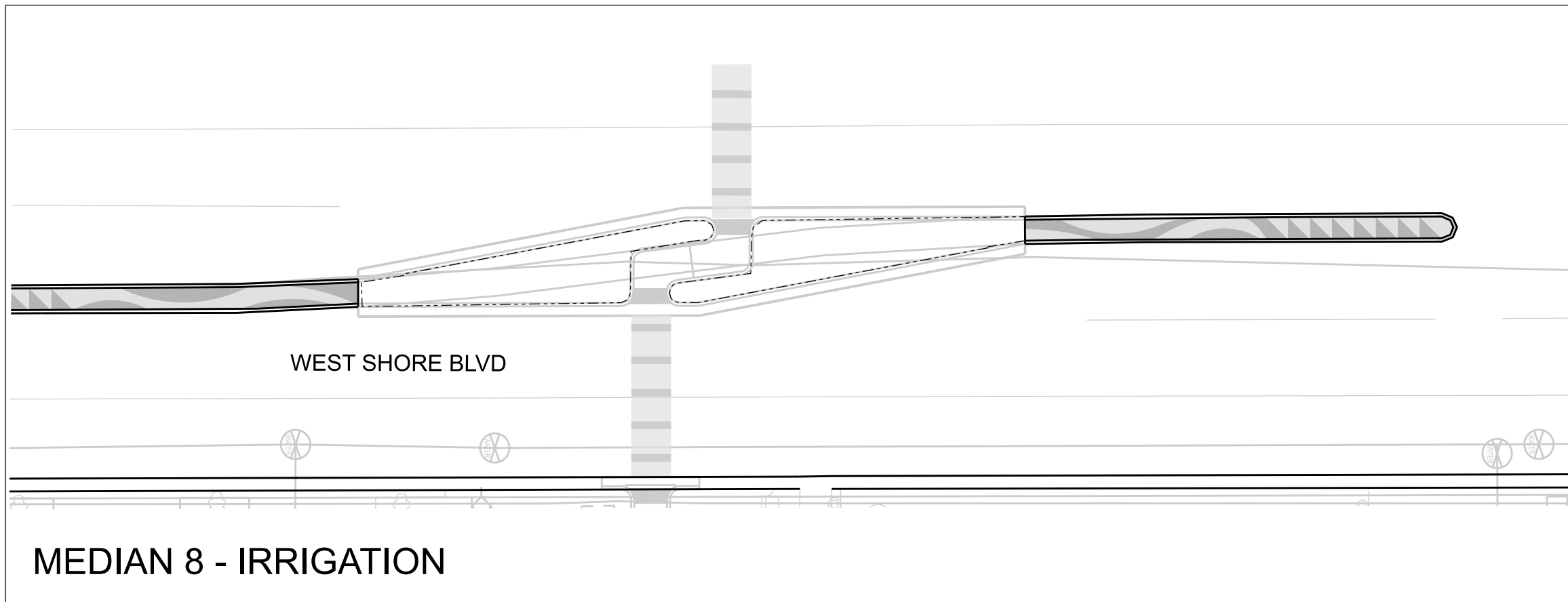
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DATE	DESCRIPTION	DATE	DESCRIPTION			IRRIGATION PLAN MEDIANS 4 AND 5			LD-23




IRRIGATION LOCATIONS MATERIALS & CONNECTIONS TO BE COORDINATED WITH CITY OF TAMPA:
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LIGHTING
 LOCATE A JUNCTION BOX AT THE BASE OF EACH TREE FOR FUTURE TREE LIGHTING



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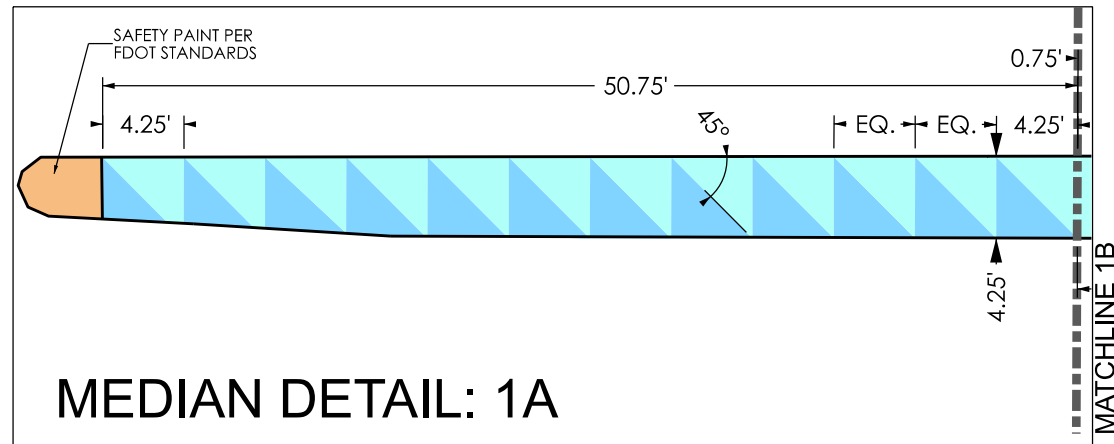
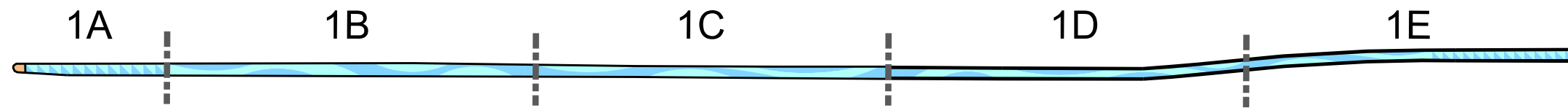
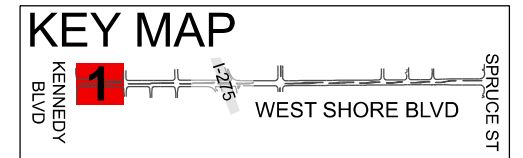
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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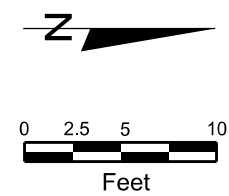
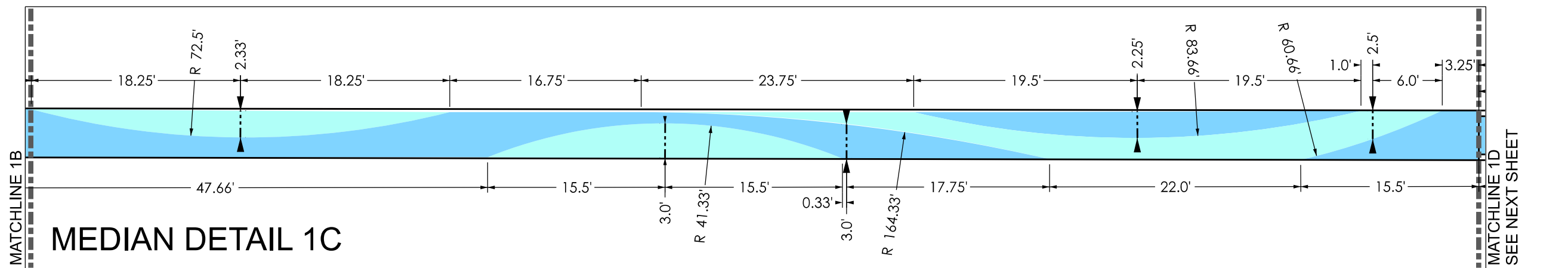
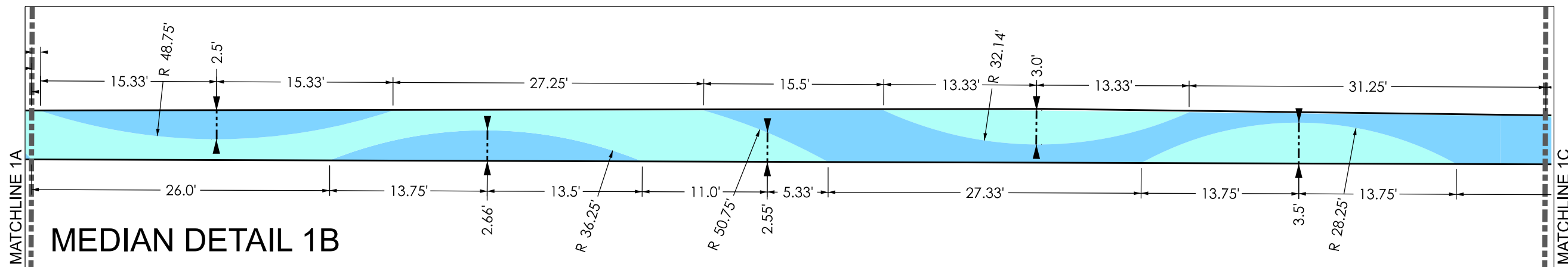
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MEDIAN LANDSCAPE AND PUBLIC ART		CIP NO.	SHT. NO.
IRRIGATION PLAN MEDIAN 6 AND 8			LD-24

MEDIAN 1 - PART ONE OVERVIEW PLAN



ACTUAL WIDTH OF MEDIAN MAY VARY FROM SHOWN DIMENSIONS.
 ALL TRIANGLES SHALL BE SAME WIDTH (EQ.) AND 45 DEGREE ANGLE ON WEST SIDE OF MEDIAN.
 USE WIDEST PART OF MEDIAN TO DETERMINE THE TRIANGLE WIDTH.



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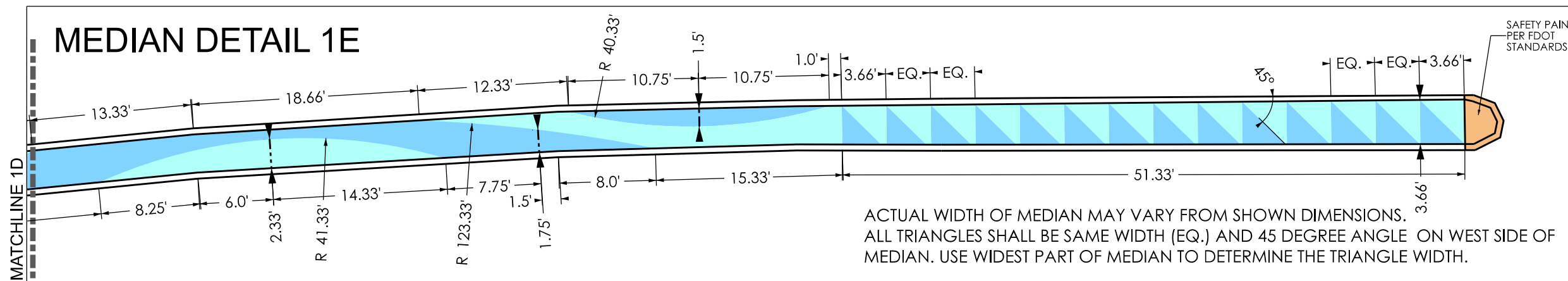
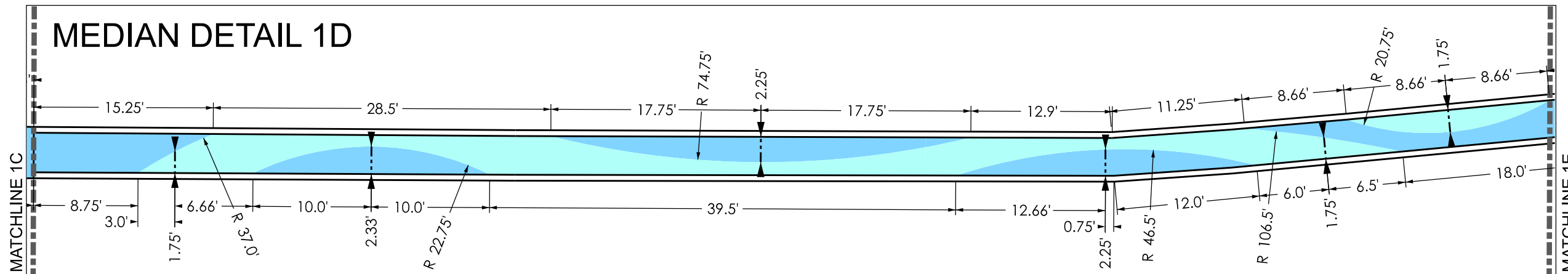
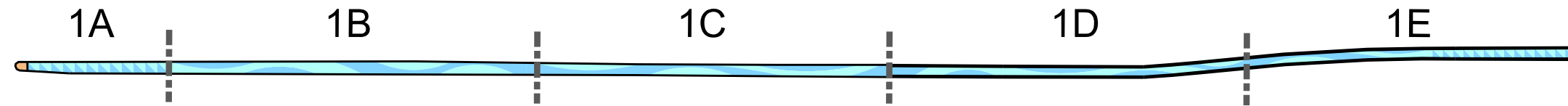
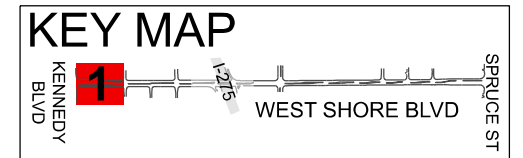
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MEDIAN LANDSCAPE AND PUBLIC ART
PUBLIC ART MEDIAN 1 - PART ONE

CIP NO.	SHT. NO.
	LD-25

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MEDIAN 1 - PART TWO OVERVIEW PLAN



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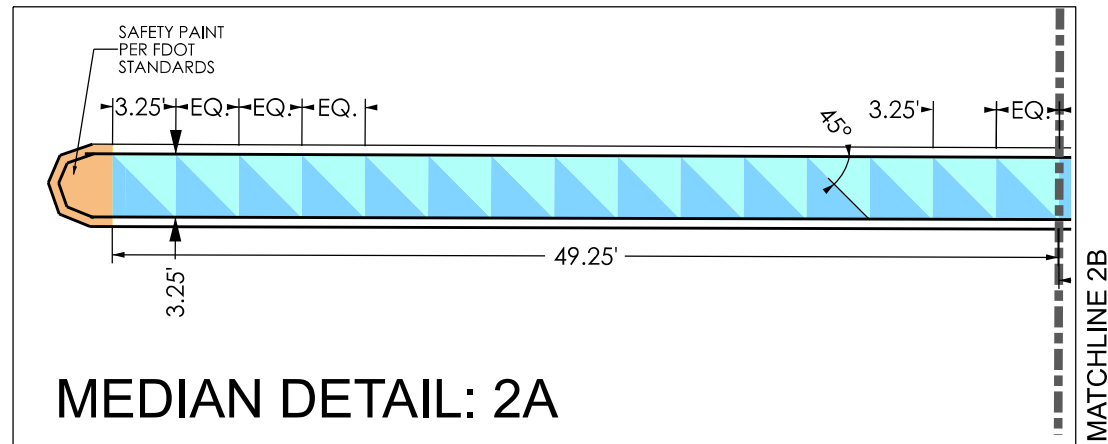
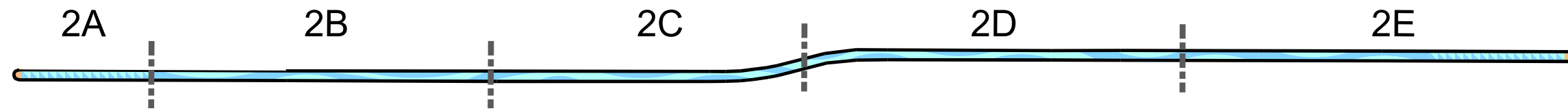
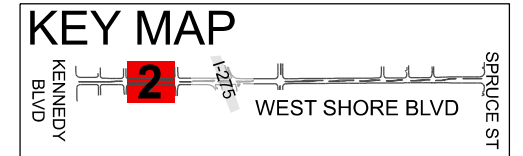
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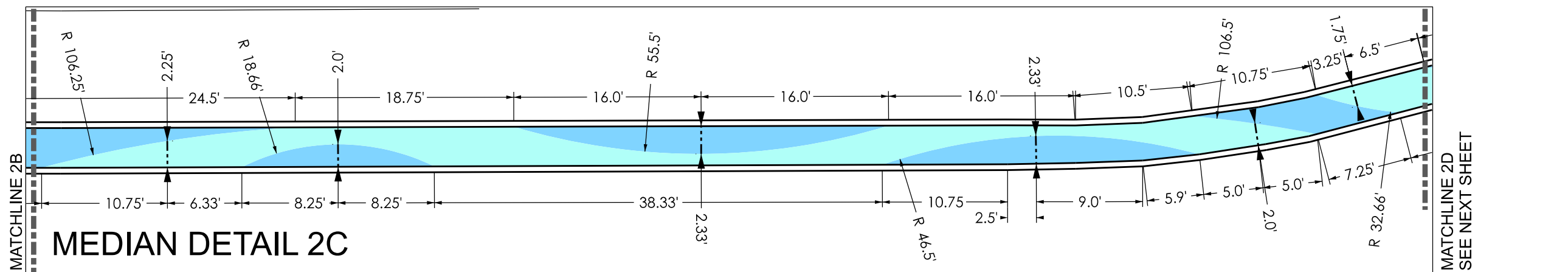
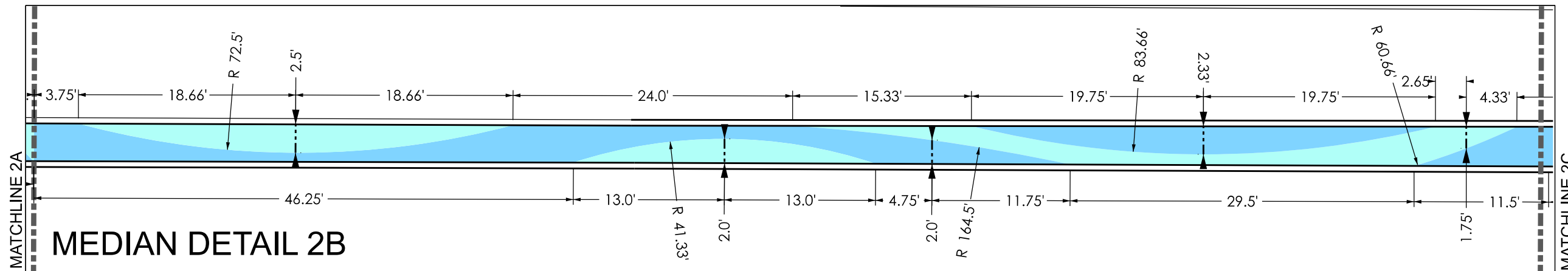
MEDIAN LANDSCAPE AND PUBLIC ART	CIP NO.	SHT. NO.
PUBLIC ART MEDIAN 1 - PART TWO		LD-26

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MEDIAN 2 - PART ONE OVERVIEW PLAN



ACTUAL WIDTH OF MEDIAN MAY VARY FROM SHOWN DIMENSIONS.
ALL TRIANGLES SHALL BE SAME WIDTH (EQ.) AND 45 DEGREE ANGLE ON WEST SIDE OF MEDIAN.
USE WIDEST PART OF MEDIAN TO DETERMINE THE TRIANGLE WIDTH.



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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MEDIAN LANDSCAPE AND PUBLIC ART

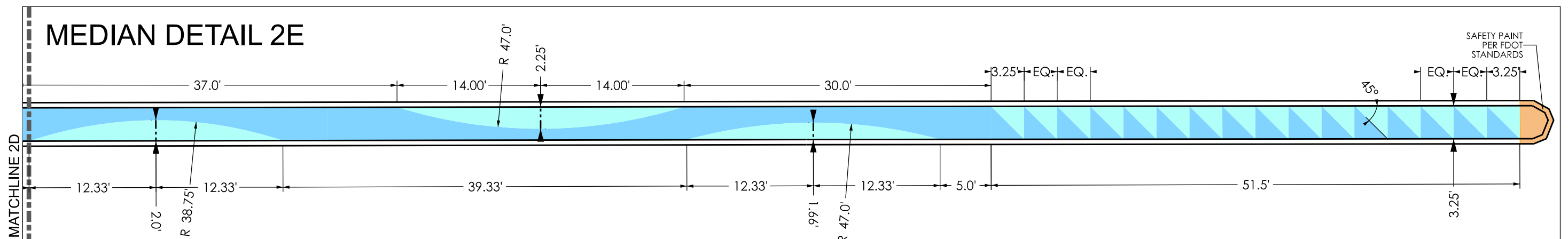
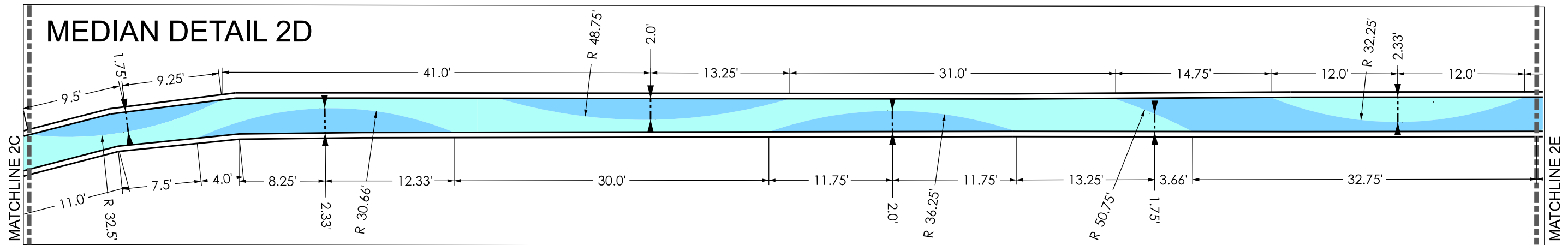
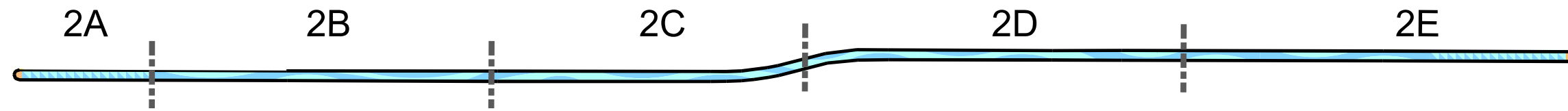
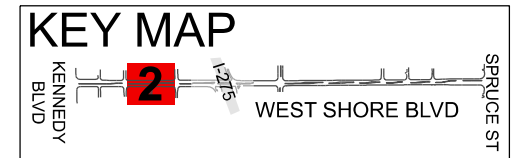
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CIP NO. SHT. NO.

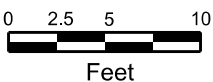
LD-27

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MEDIAN 2 - PART TWO OVERVIEW PLAN





ACTUAL WIDTH OF MEDIAN MAY VARY FROM SHOWN DIMENSIONS.
 ALL TRIANGLES SHALL BE SAME WIDTH (EQ.) AND 45 DEGREE ANGLE ON WEST SIDE OF MEDIAN. USE WIDEST PART OF MEDIAN TO DETERMINE THE TRIANGLE WIDTH.



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

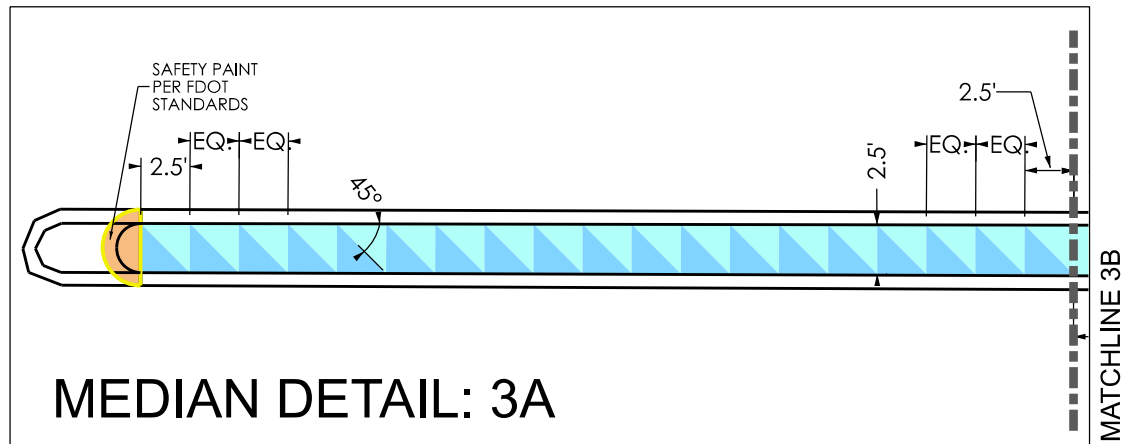
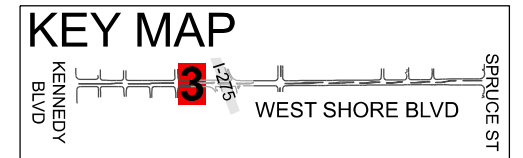

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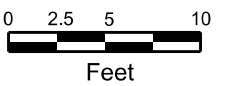
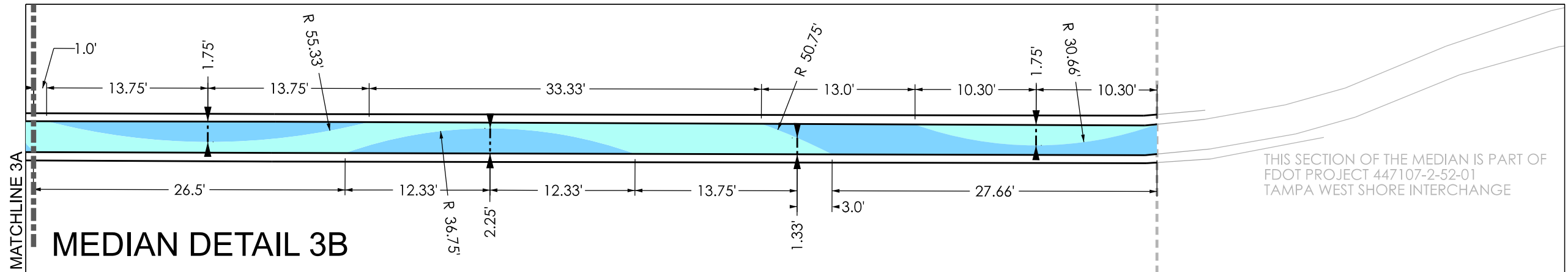
<i>MEDIAN LANDSCAPE AND PUBLIC ART</i>		CIP NO.	SHT. NO.
PUBLIC ART MEDIAN 2 - PART TWO			LD-28

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MEDIAN 3 OVERVIEW PLAN



ACTUAL WIDTH OF MEDIAN MAY VARY FROM SHOWN DIMENSIONS.
 ALL TRIANGLES SHALL BE SAME WIDTH (EQ.) AND 45 DEGREE ANGLE ON WEST SIDE OF MEDIAN.
 USE WIDEST PART OF MEDIAN TO DETERMINE THE TRIANGLE WIDTH.



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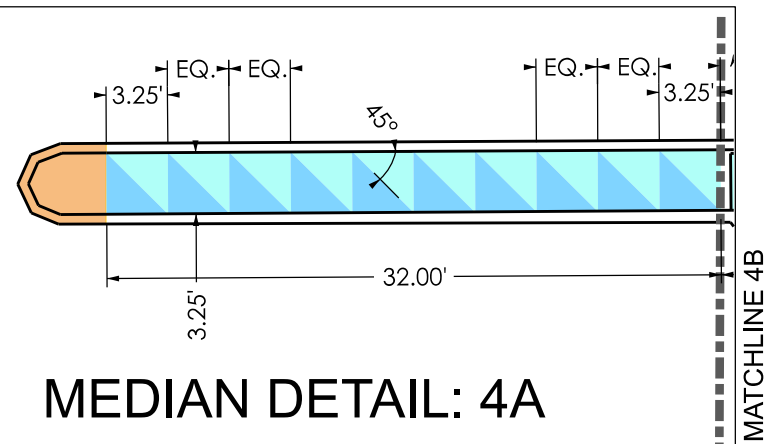
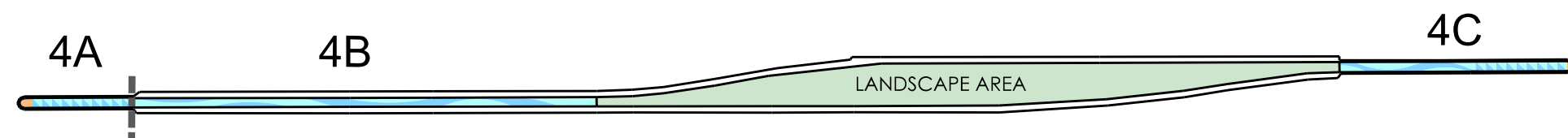
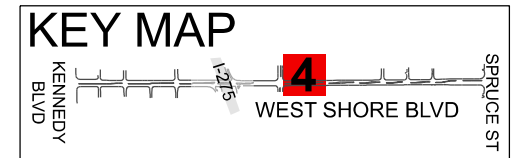
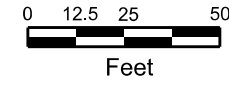
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MEDIAN LANDSCAPE AND PUBLIC ART
PUBLIC ART MEDIAN 3

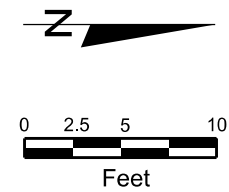
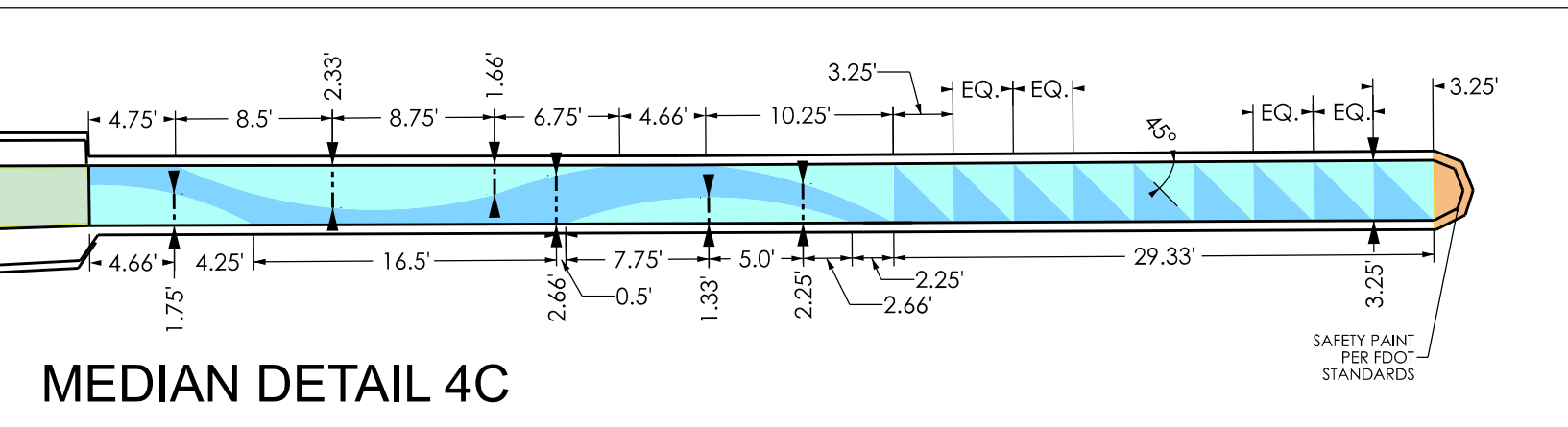
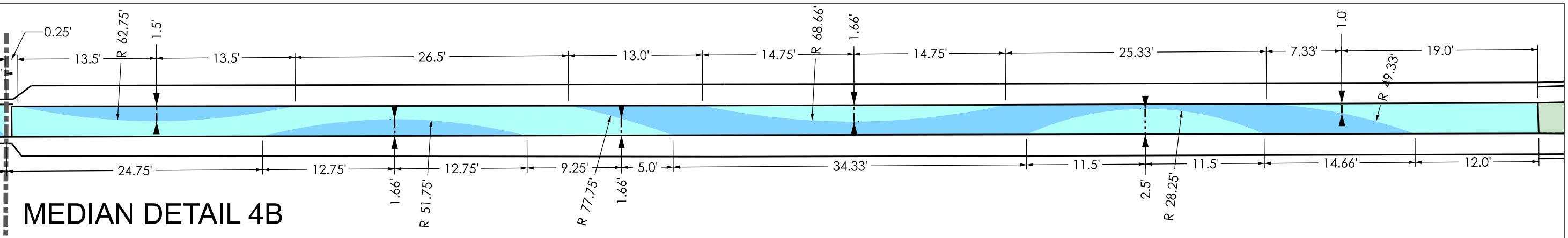
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	LD-29

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MEDIAN 4 OVERVIEW PLAN



ACTUAL WIDTH OF MEDIAN MAY VARY FROM SHOWN DIMENSIONS.
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 USE WIDEST PART OF MEDIAN TO DETERMINE THE TRIANGLE WIDTH.



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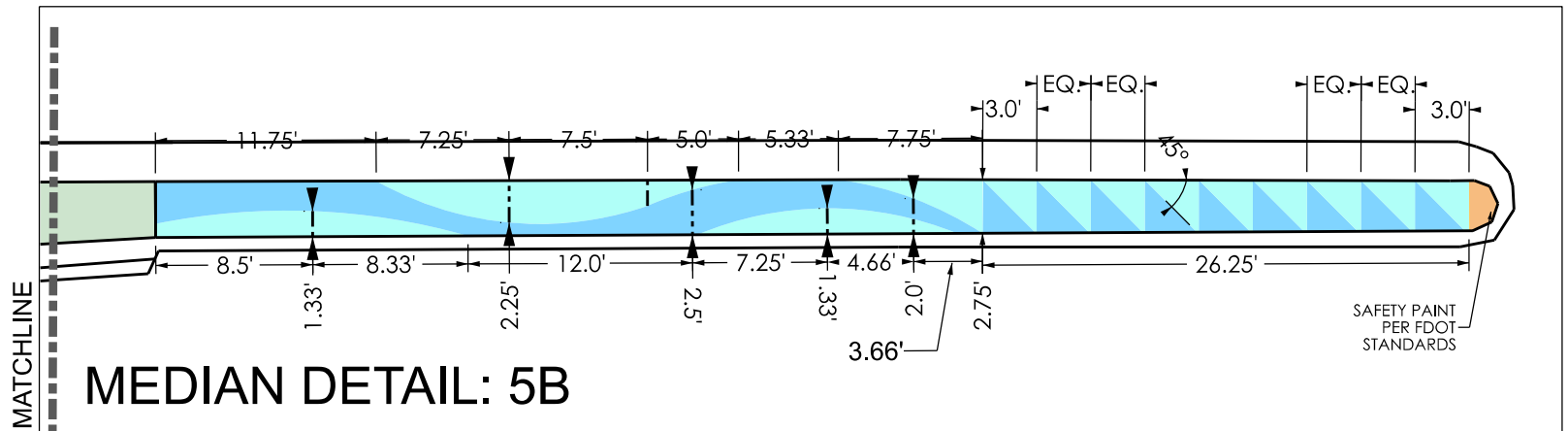
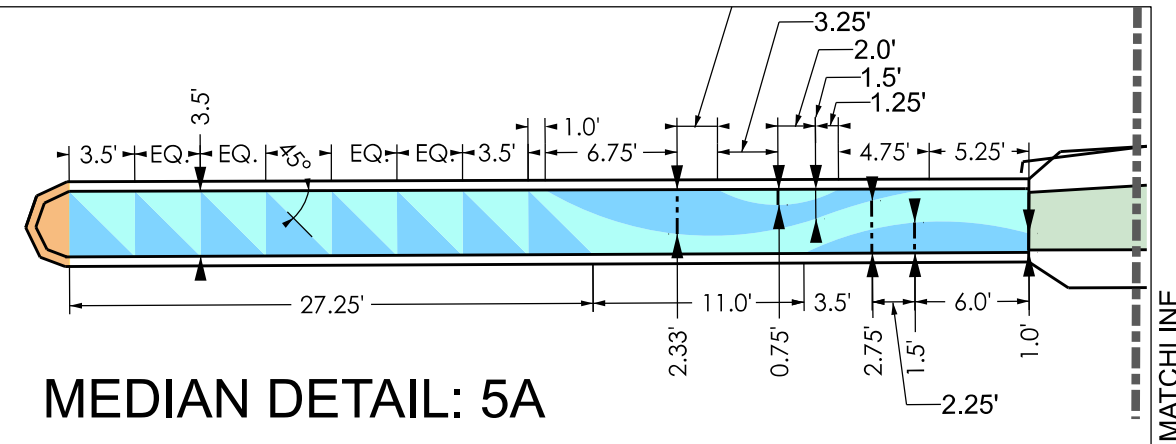
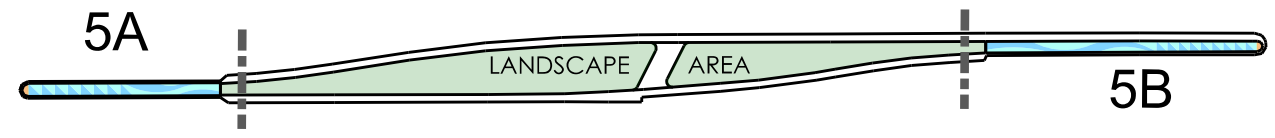
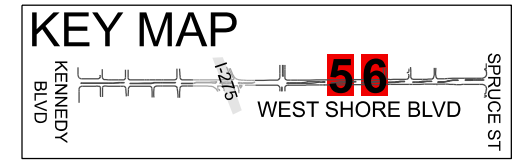
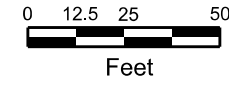
MEDIAN LANDSCAPE AND PUBLIC ART

PUBLIC ART MEDIAN 4

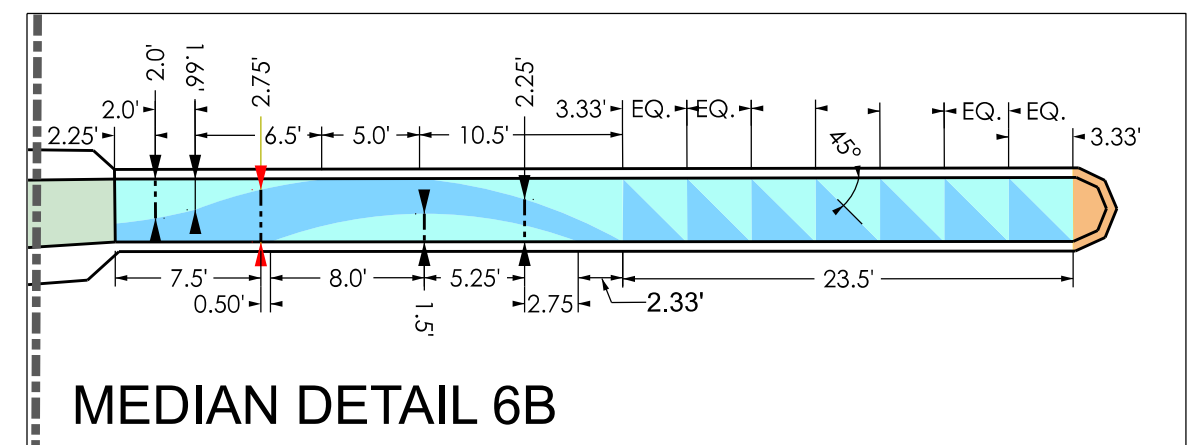
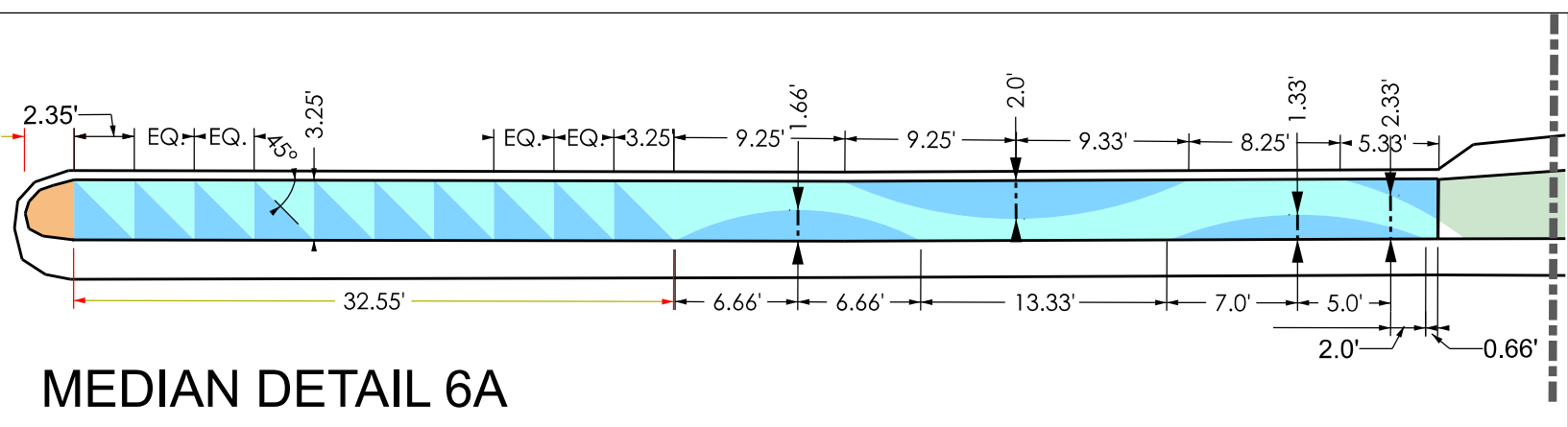
CIP NO.	SHT. NO.
	LD-30

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MEDIANS 5 AND 6 OVERVIEW PLAN



ACTUAL WIDTH OF MEDIAN MAY VARY FROM SHOWN DIMENSIONS.
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1188 KAPP DRIVE
CLEARWATER, FL 33765

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3109 W. DR. MLK JR. BOULEVARD
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TAMPA, FL 33607

MEDIAN LANDSCAPE AND PUBLIC ART

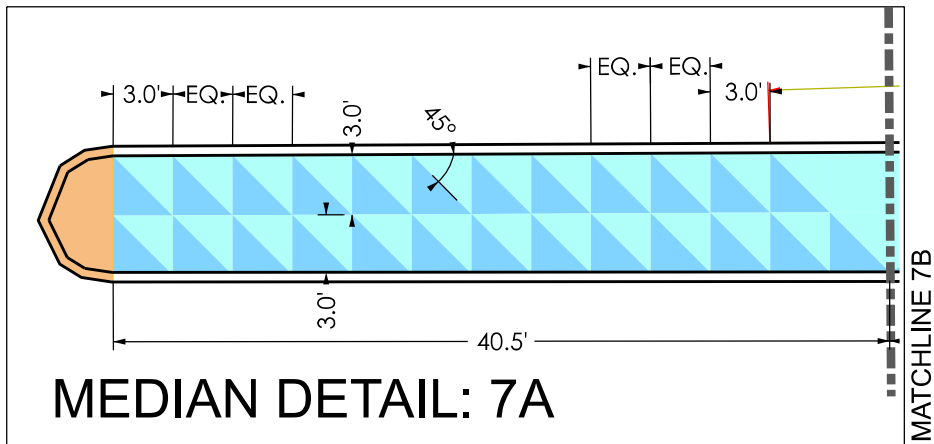
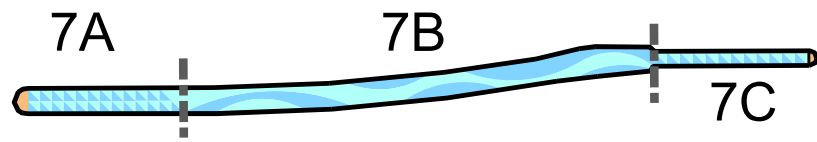
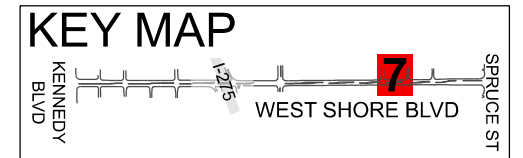
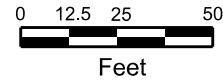
PUBLIC ART MEDIANS 5 AND 6

CIP NO.

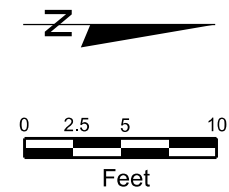
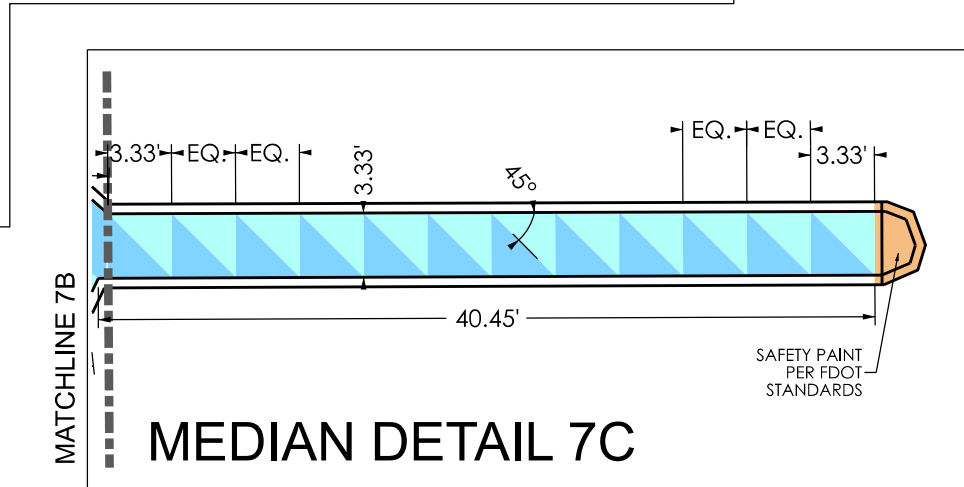
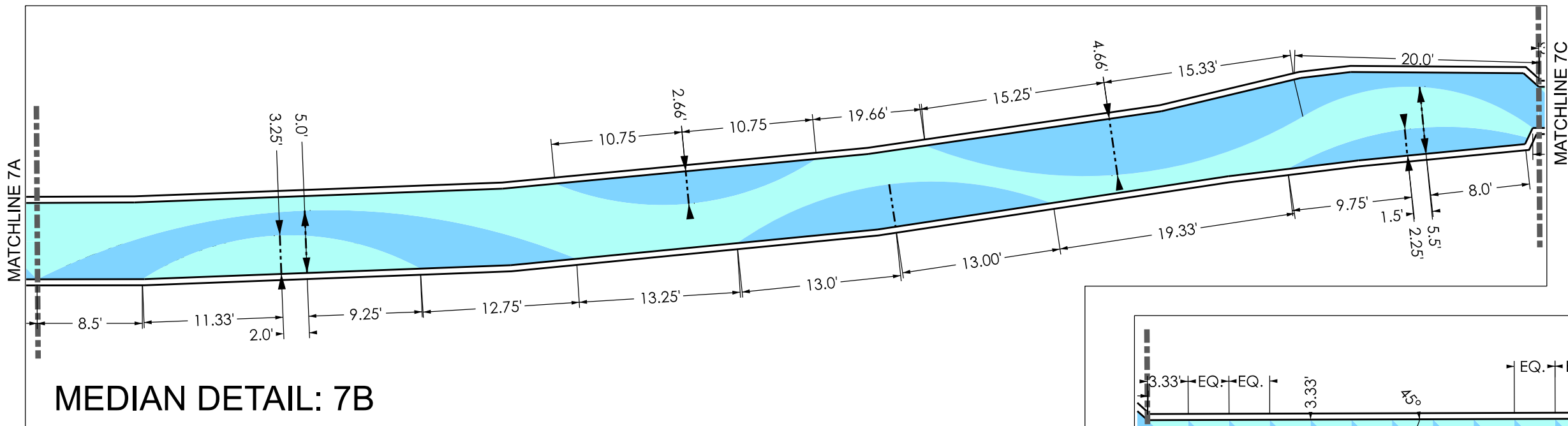
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LD-31

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MEDIAN 7 OVERVIEW PLAN





ACTUAL WIDTH OF MEDIAN MAY VARY FROM SHOWN DIMENSIONS.
 ALL TRIANGLES SHALL BE SAME WIDTH (EQ.) AND 45 DEGREE ANGLE ON WEST SIDE OF MEDIAN.
 USE WIDEST PART OF MEDIAN TO DETERMINE THE TRIANGLE WIDTH.



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION


JONATHAN H. TONER, PLA, ISA
 LICENSE NO. 0001123
 TERRA TECTONICS design group, Inc.
 1188 KAPP DRIVE
 CLEARWATER, FL 33765


WESTSHORE ALLIANCE
 3109 W. DR. MLK JR. BOULEVARD
 SUITE 140
 TAMPA, FL 33607

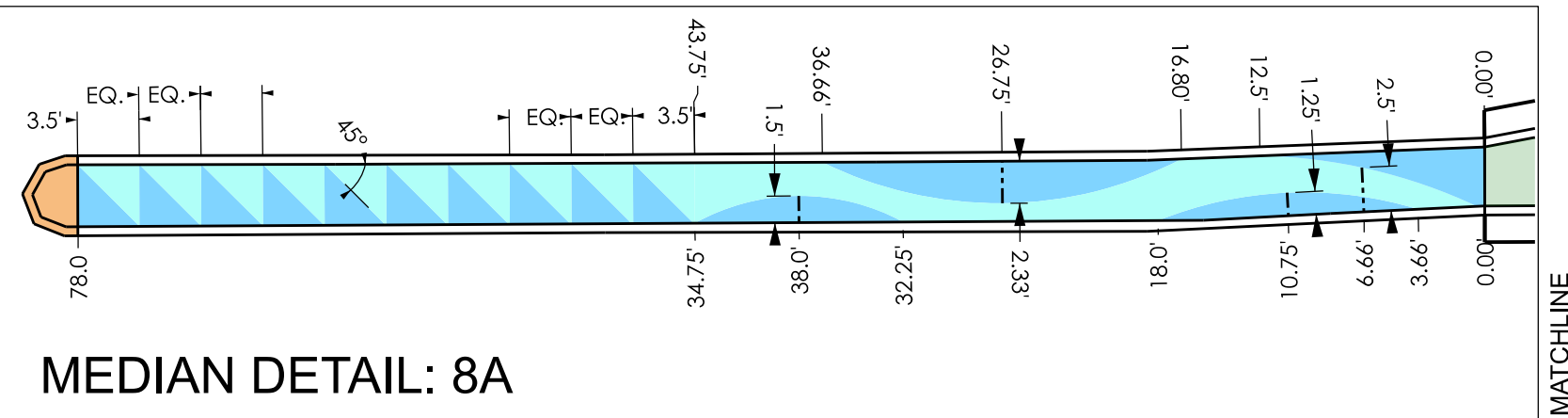
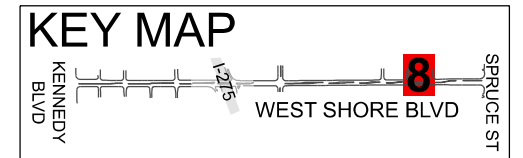
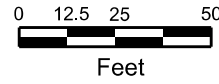
MEDIAN LANDSCAPE AND PUBLIC ART

PUBLIC ART MEDIAN 7

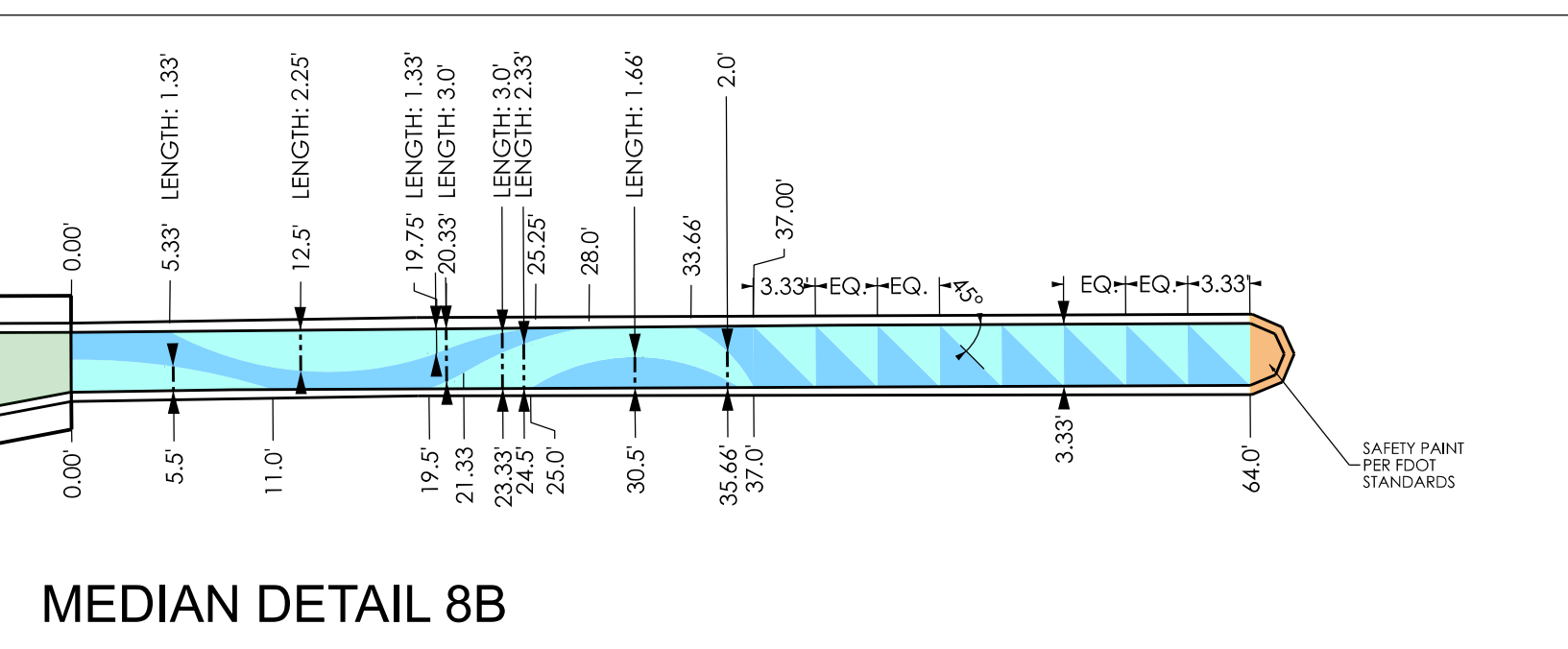
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MEDIAN 8 OVERVIEW PLAN



ACTUAL WIDTH OF MEDIAN MAY VARY FROM SHOWN DIMENSIONS.
 ALL TRIANGLES SHALL BE SAME WIDTH (EQ.) AND 45 DEGREE ANGLE ON WEST SIDE OF MEDIAN.
 USE WIDEST PART OF MEDIAN TO DETERMINE THE TRIANGLE WIDTH.



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 1188 KAPP DRIVE
 CLEARWATER, FL 33765

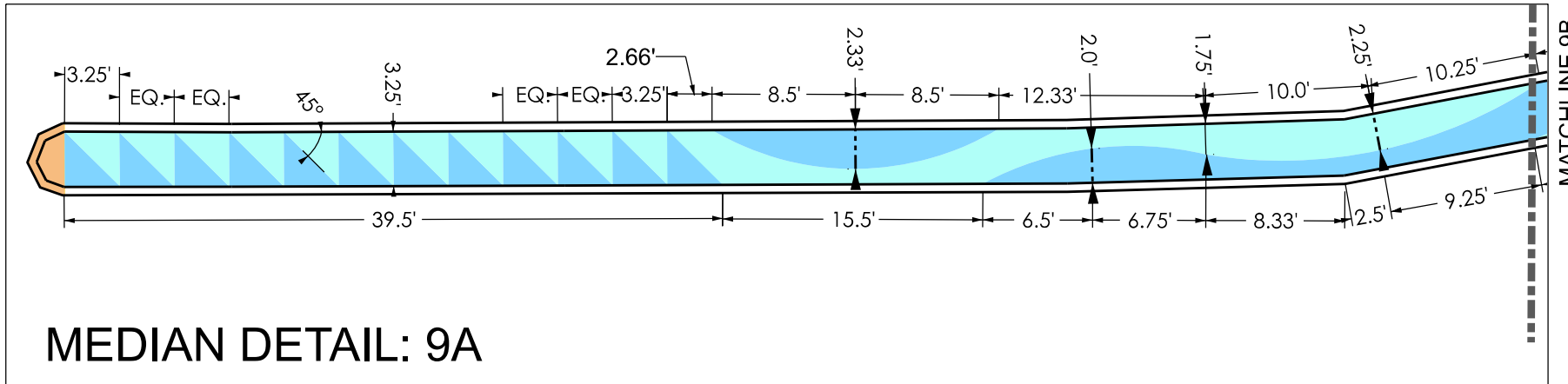
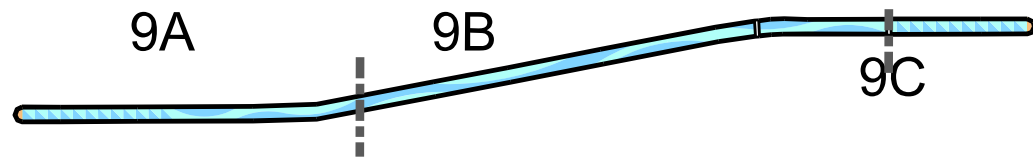
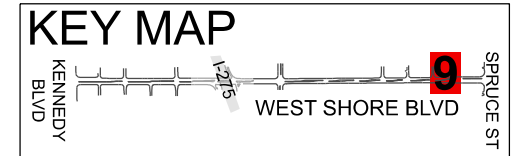
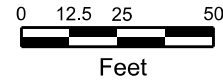
WESTSHORE ALLIANCE
 3109 W. DR. MLK JR. BOULEVARD
 SUITE 140
 TAMPA, FL 33607

MEDIAN LANDSCAPE AND PUBLIC ART
PUBLIC ART MEDIAN 8

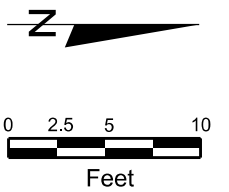
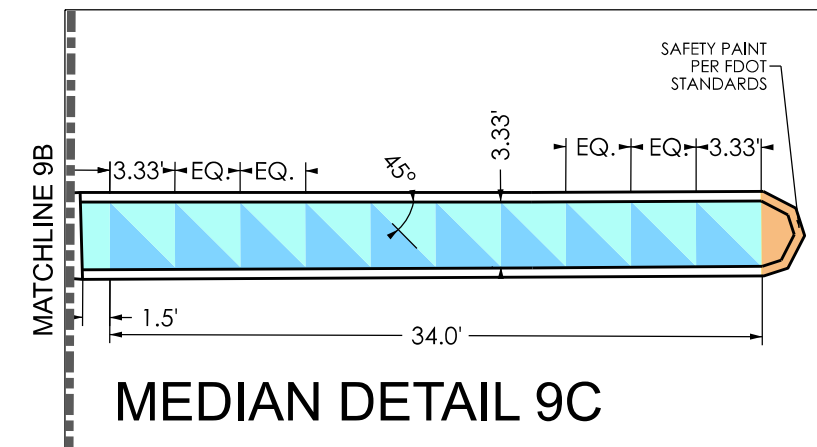
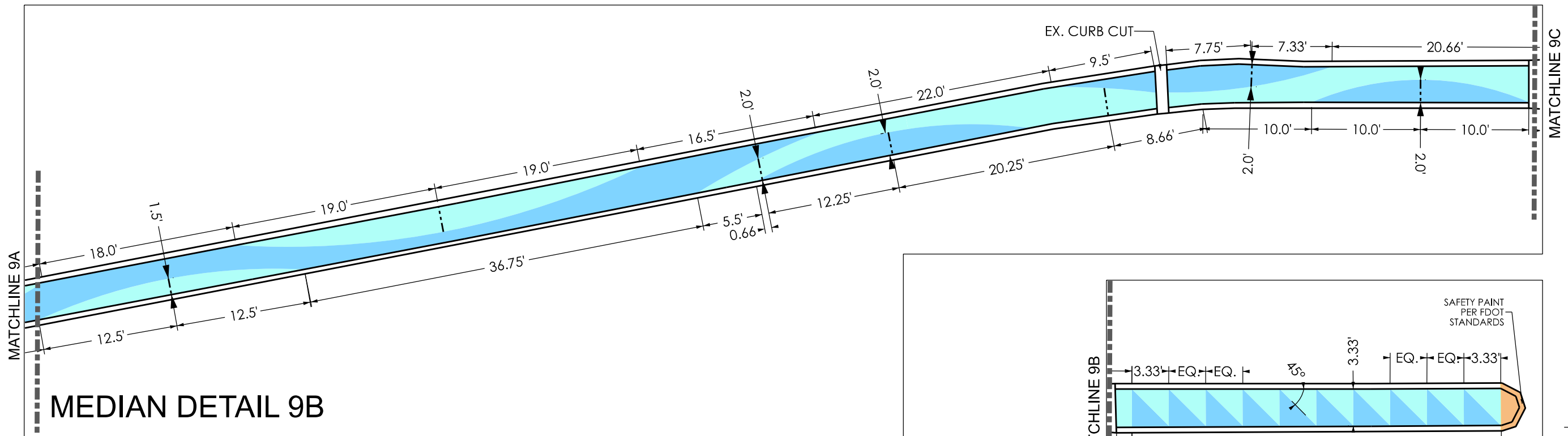
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	LD-33

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MEDIAN 9 OVERVIEW PLAN



ACTUAL WIDTH OF MEDIAN MAY VARY FROM SHOWN DIMENSIONS.
 ALL TRIANGLES SHALL BE SAME WIDTH (EQ.) AND 45 DEGREE ANGLE ON WEST SIDE OF MEDIAN.
 USE WIDEST PART OF MEDIAN TO DETERMINE THE TRIANGLE WIDTH.



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WESTSHORE ALLIANCE
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MEDIAN LANDSCAPE AND PUBLIC ART

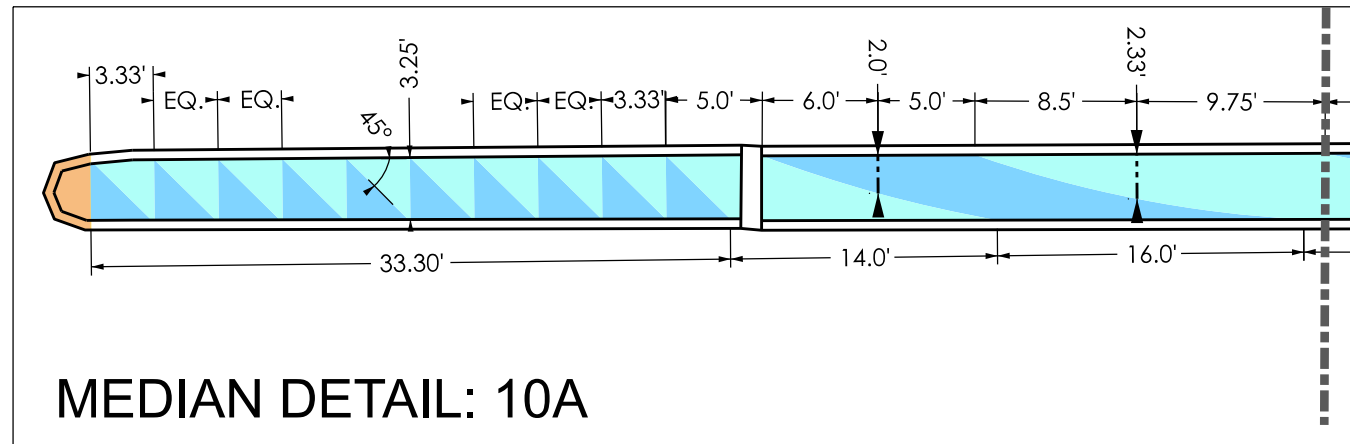
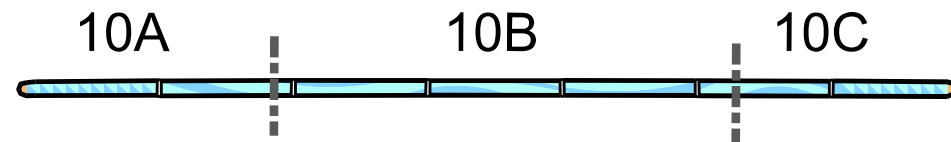
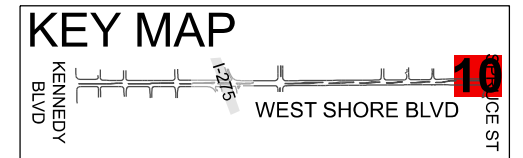
PUBLIC ART MEDIAN 9

CIP NO. SHT. NO.

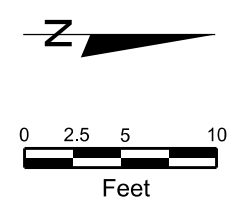
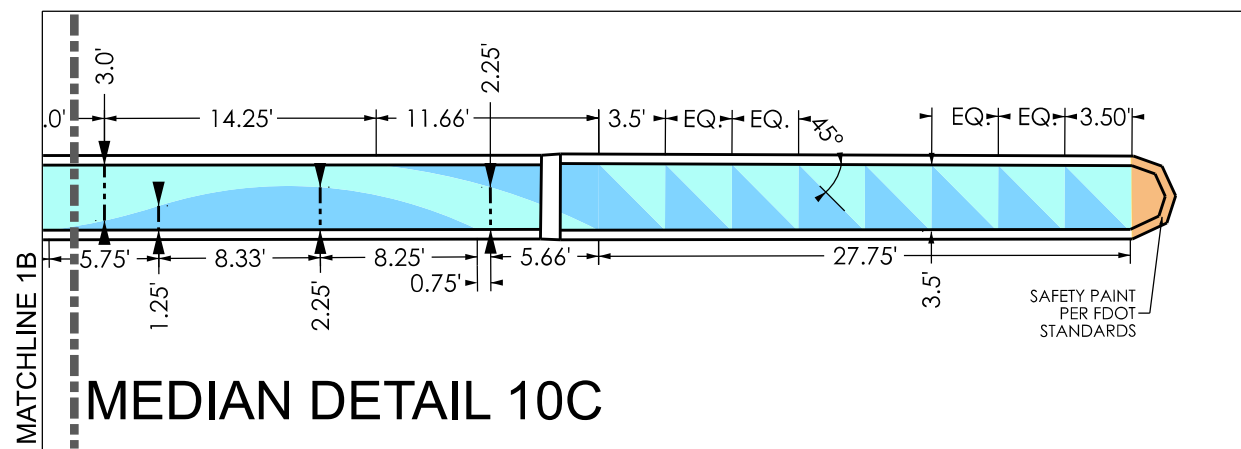
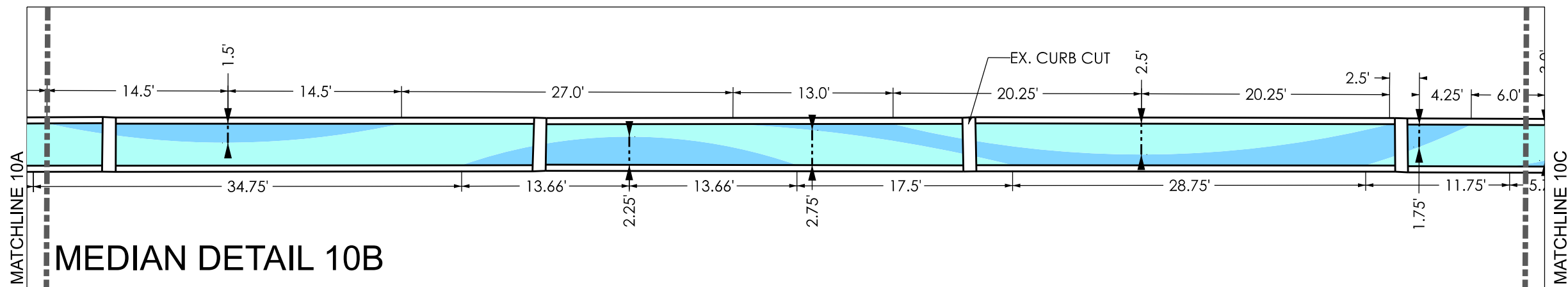
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MEDIAN 10 OVERVIEW PLAN



ACTUAL WIDTH OF MEDIAN MAY VARY FROM SHOWN DIMENSIONS.
 ALL TRIANGLES SHALL BE SAME WIDTH (EQ.) AND 45 DEGREE ANGLE ON WEST SIDE OF MEDIAN.
 USE WIDEST PART OF MEDIAN TO DETERMINE THE TRIANGLE WIDTH.



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REVISIONS			
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 1188 KAPP DRIVE
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MEDIAN LANDSCAPE AND PUBLIC ART
PUBLIC ART MEDIAN 10

CIP NO. _____
 SHT. NO. LD-35

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