SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: F 2023(485) CONTROL: 0047-14-087

COUNTY: COLLIN

LETTING: 02/01/2023

REFERENCE NO: 0126

PROPOSAL ADDENDUMS

X PROPOSAL COVER

X BID INSERTS (SH. NO.: ALL)

X GENERAL NOTES (SH. NO.: A,E)

_ SPEC LIST (SH. NO.:)

_ SPECIAL PROVISIONS:

ADDED:

DELETED:

_ SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

X OTHER: PLAN SHEETS AND OTHER CHANGES

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

NEW WAGE RATE(S) Y

***** BID INSERTS *****

REVISED QUANTITIES FOR THE FOLLOWING BID ITEMS:
100-6001, 161-6012, 192-6003, 192-6004, 192-6016, 502-6001
506-6038, 506-6039, 506-6041, 506-6043, 610-6101, 1002-6002
1002-6003, 1005-6001, 1005-6002, 1005-6003, 6185-6002

DELETED THE FOLLOWING BID ITEMS:
170-6002, 192-6015, 192-6097, 618-6038

*****PROPOSAL*****
WAGE RATES UPDATED

***** GENERAL NOTES *****
SHEET A: REVISED DISTURBED AREA FOR PROJECT CHANGES UNDER GENERAL
SHEET E: REVISED REQUIRED TMA/TA CHANGES UNDER ITEM 6185

***** PLAN SHEETS *****
SHEETS 004, 004B, 005, 006, 021, 024, 031, 032, 033, 034, 035, 036, 037
DESCRIPTION OF ABOVE CHANGES (CONTINUED)
(INCLUDING PLANS SHEET CHANGES)

038, 039, 041, 042 ARE MODIFY

SPECIFICATION DATA

GENERAL

The construction, operation and maintenance of the proposed project will be consistent with the state implementation plan as prepared by the Texas Commission on Environmental Quality.

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The disturbed area for this project, as shown on the plans is 2.0 acres. However, the Total Disturbed Area (TDA) will establish the required authorization for storm water discharges. The TDA of this project will be determined by the sum of the disturbed area in all project locations in the contract, and all disturbed area on all Project-Specific Locations (PSL) located in the project limits and/or within 1 mile of the project limits. The department will obtain an authorization to discharge storm water from the Texas Commission on Environmental Quality (TCEQ) for the construction site as shown on the plans, according to the TDA of the project. The contractor will obtain any required authorization from the TCEQ for the discharge of storm water from any PSL for construction support activities on or off of the project row according to the TDA of the project. When the TDA for the project exceeds 1 acre, provide a copy of the appropriate application of permit (NOI, or Construction Site Notice) to the engineer, for any PSL located in the project limits or within 1 mile of the project limits. Follow the directives and adhere to all requirements set forth in the TCEQ, Texas Pollution Discharge Elimination System, Construction General Permit (TPDES, CGP).

This project required _permitting_ with environmental resources agencies, as outlined in the plan set Environmental Permits, Issues and Commitments (EPIC) Sheet. There is a high probability that an environmentally sensitive area could be encountered on the contractor designated Project-Specific Locations (PSL) for this project (haul roads, equipment staging areas, borrow pits, disposal sites, field offices, storage areas, parking areas, etc.). Item 7.6 “Project-Specific Locations”, provides a listing of regulatory agencies that may need to be contacted regarding this project.

Leave all right of way areas undisturbed until actual construction is to be performed in said areas.

Contractor questions on this project are to be addressed to the following individual(s):

Name Jennifer Vorster - Jennifer.Vorster@txdot.gov – 972-547-2231
Name Gerald Waltman - Gerald.Waltman@txdot.gov – 972-542-2345

Contractor questions will be accepted through email, phone, and in person by the above individuals.

All contractor questions will be reviewed by the Engineer. Once a response is developed, it will be posted to TxDOT’s Public FTP at the following Address:
https://ftp.dot.state.tx.us/pub/txdot-info/Pre-Letting%20Responses/

1 REVISIONS MADE ON 1/25/2023

CSJ: 0047-14-087 Sheet 4

County: COLLIN

Highway: US 75

All questions submitted that generate a response will be posted through this site. The site is organized by District, Project Type (Construction or Maintenance), Letting Date, CCSJ/Project Name.

Item 5:
Underground utilities owned by the Texas Department of Transportation may be present within the Right-Of-Way on this project. For signal, illumination, surveillance, and communications & control maintained by TxDOT, call the TxDOT Traffic Signal Office (214-320-6682) for locates a minimum of 48 hours in advance of excavation. For irrigation systems, call TxDOT Landscape Office (214-320-6205) for locates a minimum of 48 hours in advance of excavation. If city or town owned irrigation facilities are present, call the appropriate department of the local city or town a minimum of 48 hours in advance of excavation. The Contractor is liable for all damages when utilities are damaged due to Contractor’s negligence including, but not limited to, repair or replacement at the Contractor’s expense.

For the project to be deemed complete, permanently stabilize all unpaved disturbed areas of the project with a vegetative cover at a minimum of 70% density for the control of erosion.

Submit all shop drawings, working drawings, or other documents which require review sufficiently in advance of scheduled construction to allow no less than thirty (30) calendar days for review and response.

Item 6:
To comply with the latest provisions of Build America, Buy America Act (BABA Act) of the Bipartisan Infrastructure Law, the contractor must submit a notarized original of the TxDOT Construction Material Buy America Certification Form for all items classified as construction materials. This form is not required for materials classified as a manufactured product.

Refer to the Buy America Material Classification Sheet for clarification on material categorization.

The Buy America Material Classification Sheet is located at the below link.
https://www.txdot.gov/business/resources/materials/buy-america-material-classification-sheet.html for clarification on material categorization.

Item 7:
Repair or replace any structures and utilities that might have been damaged by negligence or a failure to have utility locates performed.

Perform all electrical work in accordance with the National Electrical Code and Texas Department of Transportation Specifications.

Consult with appropriate electric company representatives according to their respective area to coordinate electrical services installations.

Holiday restrictions – The Engineer may decide that no lane closures or construction operations shall be allowed during the restricted periods listed in the following holiday schedule. TxDOT has the right to lengthen, shorten, or otherwise modify these restricted periods as actual, or

and maintain them during the demolition. Remove any debris or construction material that escapes containment devices and are discharged into the restricted areas, before the next rain event or within 24 hours of the discharge.

Provide SW3P Signs. Obtain from the Engineer a copy of the project's completed TPDES Storm Water Program Construction Site Notice and Contractor Site Notice. Laminate the sheets and bond with adhesive to 36" X 36" plywood sign blanks. Ensure the sheets remain dry. Apply Type C Blue reflective sheeting as the background and add the text "SW3P" in 5" white lettering, centered at the top. Attach the signs to approved temporary mounts and locate at each of the project limits just inside the right of way line at a readable height or as directed by the Engineer. If the sign cannot be placed outside the clear zone, it must adhere to the TMUTCD. SW3P signs, maintenance, and reposting (for replacement or as needed to ensure readability) will be subsidiary to Item 502.

Concrete Washouts are required per the CGP. The Concrete Washout Area(s) structural controls must consist of temporary berms, temporary shallow pits, and/or temporary storage tanks to prevent contaminated runoff and must be lined as to prevent contamination of underlying soil. Ensure pits properly maintained including removal of concrete as not to allow over flow. The location(s) of washout area will be approved by the Engineer. When washout pits are no longer needed, they will be removed and area will be restored to original condition. This work, materials and labor will not be measured or paid for directly but will be subsidiary to Item 506, "Temporary Erosion, Sedimentation, and Environmental Controls."

Item 618:
Secure permission and approval from the proper authority prior to cutting into or removing any sidewalks or curbs for installation of this Item.

Place conduit under existing pavement by an approved boring method. Do not place boring pits closer than 2 feet from the edge of the pavement unless otherwise directed. Do not use water jetting. When conduits are bored, do not exceed 18 inches in the vertical and horizontal tolerances as measured from the intended target point.

Do not use a pneumatically driven device for punching holes beneath the pavement (commonly known as a "missile").

Use a colored cleaner-primer on all PVC to PVC joints before application of PVC cement.

Seal all conduit ends with a permanently soft, non-toxic duct seal. Use a duct seal that does not adversely affect other plastic materials or corrode metals.

Item 6185:
The total number of truck mounted attenuators (TMAs) or trailer attenuators (TAs) required when utilizing the traffic control standards are shown in the tables below.

TCP 1 Series	Scenario	Required TMA/TA
(1-5)-18		2

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CSJ: 0047-14-087 **Sheet 4B**

County: COLLIN

Highway: US 75

The contractor will be responsible for determining if one or more of these operations will be ongoing at the same time to determine the total number of TMAs/TAs needed for the project. Additional TMAs/TAs used that are not specified in the plans in which the contractor expects compensation will require prior approval from the Engineer.

1 REVISIONS MADE ON 1/25/2023

Estimate & Quantity Sheet

CONTROLLING PROJECT ID 0047-14-087 **DISTRICT** Dallas **COUNTY** Collin
HIGHWAY US 75

							TOTAL EST.	TOTAL FINAL
			CONTROL SECTION JOB		**0047-14-087**			
			PROJECT ID		**A00187301**			
			COUNTY		**Collin**			
			HIGHWAY		**US 75**			
ALT	**BID CODE**	**DESCRIPTION**	**UNIT**	EST.	FINAL			
	100-6001	PREPARING ROW	AC	2.000			2.000	
	161-6012	GENERAL USE COMPOST	CY	272.000			272.000	
	170-6001	IRRIGATION SYSTEM	LS	1.000			1.000	
	192-6003	PLANT MATERIAL (3-GAL)	EA	346.000			346.000	
	192-6004	PLANT MATERIAL (5-GAL)	EA	358.000			358.000	
	192-6005	PLANT MATERIAL (15-GAL)	EA	18.000			18.000	
	192-6016	PLANT BED PREPARATION	SY	9,798.000			9,798.000	
	192-6024	PLANT MATERIAL (30 GAL) (TREE)	EA	24.000			24.000	
	500-6001	MOBILIZATION	LS	1.000			1.000	
	502-6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	4.000			4.000	
	506-6038	TEMP SEDMT CONT FENCE (INSTALL)	LF	2,678.000			2,678.000	
	506-6039	TEMP SEDMT CONT FENCE (REMOVE)	LF	2,678.000			2,678.000	
	506-6041	BIODEG EROSN CONT LOGS (INSTL) (12")	LF	655.000			655.000	
	506-6043	BIODEG EROSN CONT LOGS (REMOVE)	LF	655.000			655.000	
	610-6101	REPLACE LUMINAIRE W/LED (150W EQ)	EA	12.000			12.000	
	751-6013	VEGETATIVE WATERING	MO	3.000			3.000	
	1002-6002	LANDSCAPE AMENITY (TY 1)	EA	18.000			18.000	
	1002-6003	LANDSCAPE AMENITY (TY 2)	EA	30.000			30.000	
	1005-6001	LOOSE AGGR FOR GROUNDCOVER (TYPE I)	CY	320.000			320.000	
	1005-6002	LOOSE AGGR FOR GROUNDCOVER (TYPE II)	CY	373.000			373.000	
	1005-6003	LOOSE AGGR FOR GROUNDCOVER (TYPE III)	CY	144.500			144.500	
	6185-6002	TMA (STATIONARY)	DAY	130.000			130.000	
	18	SAFETY CONTINGENCY: CONTRACTOR FORCE ACCOUNT WORK (PARTICIPATING)	LS	1.000			1.000	
		EROSION CONTROL MAINTENANCE: CONTRACTOR FORCE ACCOUNT WORK (PART)	LS	1.000			1.000	

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1 REVISIONS MADE ON 1/25/2023

SUMMARY OF WORKZONE TRAFFIC CONTROL ITEMS											
CATEGORY OF WORK	Landscape									Mobilization	Barricades
BID CODE	100-6001	161-6012	170-6001	192-6003	192-6004	192-6016	192-6024	192-6005	751-6013	500-6001	502-6001
DESCRIPTION	PREPARING ROW	GENERAL USE COMPOST	IRRIGATION SYSTEM	PLANT MATERIAL (3-GAL)	PLANT MATERIAL (5-GAL)	PLANT BED PREPARATION	PLANT MATERIAL (30 GAL) (TREE)	PLANT MATERIAL (15-GAL)	VEGETATIVE WATERING	MOBILIZATION	BARRICADES, SIGNS AND TRAFFIC HANDLING
ALTERNATE BID GROUP											
PLANT SET LOCATION UNIT	AC Acre	CY Cubic Yard	LS Lump Sum	EA Each	EA Each	SY Square Yards	EA Each	EA Each	MO Monthly	LS Lump Sum	MO Monthly
PLANTERBEDA1		127.000	1.000	165.000		4,521.000					
PLANTERBEDA2		145.000		181.000		5,277.000					
	2.500				475.000		24.000		3.000	1.000	4.000
PROJECT TOTALS	2.500	272.000	1.000	515.000	475.000	9,798.000	24.000	18.000	3.000	1.000	4.000
CATEGORY OF WORK	Erosion				Illumination	Landscape					Work zone
BID CODE	506-6043	506-6039	506-6038	506-6041	610-6101	1002-6002	1002-6003	1005-6003	1005-6001	1005-6002	6185-6002
DESCRIPTION	BIODEG EROSN CONT LOGS (REMOVE)	TEMP SEDMT CONT FENCE (REMOVE)	TEMP SEDMT CONT FENCE (INSTALL)	BIODEG EROSN CONT LOGS (INSTL) (12")	REPLACE LUMINAIRE W/LED (150W EQ)	LANDSCAPE AMENITY (TY 1)	LANDSCAPE AMENITY (TY 2)	LOOSE AGGR FOR GROUNDCOVER (TYPE III)	LOOSE AGGR FOR GROUNDCOVER (TYPE I)	LOOSE AGGR FOR GROUNDCOVER (TYPE II)	TMA (STATIONARY)
ALTERNATE BID GROUP											
PLANT SET LOCATION UNIT	LF Linear Feet	LF Linear Feet	LF Linear Feet	LF Linear Feet	EA Each	EA Each	EA Each	CY Cubic Yard	CY Cubic Yard	CY Cubic Yard	DAY Day
PLANTERBEDA1	250	1246	1246	250		8.000	16.000	62.000	157.000	169.000	
PLANTERBEDA2	405	1432	1432	405		10.000	14.000	82.500	163.000	204.000	
					12.000						130.000
PROJECT TOTALS	655.000	2,678.000	2,678.000	655.000	12.000	18.000	30.000	144.500	320.000	373.000	130.000

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1 REVISIONS MADE ON 1/25/2023

QUANTITY SUMMARY

DESIGN	FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
AV	6	(SEE TITLE SHEET)		US 75
GRAPHICS AV	STATE	DISTRICT	COUNTY	SHEET NO.
CHECK AD	TEXAS	DALLAS	COLLIN	6
CHECK	CONTROL	SECTION	JOB	
	0047	14	087	

A. GENERAL SITE DATA

1. PROJECT LIMITS: *US 75. FROM: SOUTH OF VIRGINIA PARKWAY TO: WEST UNIVERSITY DRIVE*

Project Coordinates :

BEGIN AT: LATITUDE: 33.197717 LONGITUDE: -96.638906
END AT: LATITUDE: 33.219788 LONGITUDE: -96.635495

2. PROJECT SITE MAPS:

- *Project Location Map: The Title Sheet & Project Location Map Sheet 3*
- *Drainage Patterns: Drainage Area Maps SW3P Site Map Sheets 25-27*
- *Slopes Anticipated After Major Gradings or Areas of Soil Disturbance: SW3P Site Map Sheets 25-27*
- *Location of Erosion and Sediment Controls: SW3P Site Maps: SW3P Site Map Sheets 25-27*
- *Surface Waters and Discharge Locations: Drainage and Culvert Layouts: SW3P Site Map Sheets 25-27*
- *Project Specific Location(s) (PSL): To be determined by the project Construction Personnel. Location(s) shown on SW3P Site Map (if PSL location(s) is within one mile of project) and information located in project SW3P Binder (Reference Item #10 below).*

3. PROJECT DESCRIPTION:

Construction of landscape & scenic enhancements consisting of trees, shrubs, groundcovers, & irrigation.

4. MAJOR SOIL DISTURBING ACTIVITIES:

Compost and vegetation removal, plant bed preparation, compost topsoil, landscape concrete edge installation, irrigation system, loose aggregate groundcover, plant bed preparation, groundcover, shrub and tree planting, cleanup

5. EXISTING CONDITION OF SOIL & VEGETATIVE COVER AND % OF EXISTING VEGETATIVE COVER:

Existing conditions consist of Silt Clay soil. Established Bermuda Grass with vegetative coverage at approximately 90% - 95% density

6. TOTAL PROJECT AREA: *9 Acres*

7. TOTAL AREA TO BE DISTURBED: 2.0 Acres (34 %)

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8. WEIGHTED RUNOFF COEFFICIENT

BEFORE CONSTRUCTION: *0.34*
AFTER CONSTRUCTION: *0.34*

9. NAME OF RECEIVING WATERS:

Drainage to Jeans Creek, which flows to Wilson Creek
[Segment 0821C; Impaired by Bacteria in water (Recreation Use)]

10. PROJECT SW3P Binder:

A. For projects disturbing one to five acres, TxDOT will maintain a SW3P Binder at the project field office (if there is not a project field office, should be kept at the Area Office) which contains the following: Index Sheet, TCEQ Signature Authority, TxDOT's and Contractor's Small Construction Site Notice, SW3P Inspector Qualification Statements, EPIC Sheet, SW3P Sheet, Site Location Maps, Inspection and Maintenance Reports (Form 2118), Construction Stage Gate Checklist(s) (CSGC), Stored Material Lists specifying associated control measures and the Appendix which contains the TPDES Construction General Permit, TxDOT and Contractor MS4 Operator Notification(s) and the Construction PSL Permits per all applicable requirements.

B. For projects disturbing 5 acres or more, TxDOT will follow the actions listed in (10.A.) above with the addition of the following: TxDOT and Contractor Notice Of Intent (N.O.I.) and Fee Payment Form, TxDOT and Contractor Large Construction Site Notice (to be used instead of Small Site Notice), and TPDES Permit Coverage Notice.

C. For projects disturbing less than one acre, actions described in (10.A.) and (10.B.) above are not required. Acreage is calculated by adding Total Area To Be Disturbed Acres on project (See #7 above) and the PSL(s) acreage located within one mile of project.

FILE NAME
DATE
DESIGNER

B. EROSION AND SEDIMENT CONTROLS

1. SOIL STABILIZATION PRACTICES: (Select T = Temporary or P = Permanent, as applicable)

___	TEMPORARY SEEDING	P	PRESERVATION OF NATURAL RESOURCES
___	MULCHING (Hay or Straw)	___	FLEXIBLE CHANNEL LINER
___	BUFFER ZONES	___	RIGID CHANNEL LINER
P	PLANTING	___	SOIL RETENTION BLANKET
___	SEEDING	P	COMPOST MANUFACTURED TOPSOIL
___	SODDING	___	VERTICAL TRACKING
		T	OTHER: COMPOST

2. STRUCTURAL PRACTICES: (Select T = Temporary or P = Permanent, as applicable)

- T SILT FENCES
- T EROSION CONTROL LOGS
- ___ EROSION CONTROL COMPOST BERMS (Low Velocity)
- ___ ROCK FILTER DAMS
- ___ DIVERSION, INTERCEPTOR, OR PERIMETER DIKES
- ___ DIVERSION, INTERCEPTOR, OR PERIMETER SWALES
- ___ DIVERSION DIKE AND SWALE COMBINATIONS
- ___ PIPE SLOPE DRAINS
- ___ PAVED FLUMES
- ___ ROCK BEDDING AT CONSTRUCTION EXIT
- ___ TIMBER MATTING AT CONSTRUCTION EXIT
- ___ CHANNEL LINERS
- ___ SEDIMENT TRAPS
- ___ SEDIMENT BASINS
- ___ STORM INLET SEDIMENT TRAP
- ___ STONE OUTLET STRUCTURES
- ___ CURBS AND GUTTERS
- ___ STORM SEWERS
- ___ VELOCITY CONTROL DEVICES
- ___ OTHER: *(Specify Practice)*

NOTE: TOP OF BMP'S SHOULD NOT BE HIGHER THAN ROADWAY ELEVATION AS NOT TO FLOOD ROADWAY UNLESS PRIOR APPROVAL FROM ENGINEER IS OBTAINED.

3. STORM WATER MANAGEMENT: *(Example Below - May be used as applicable, or revised)*

A. Storm water drainage will be provided by ditches, inlets, and storm water systems which carry drainage within the R.O.W. to the lows within the roadway and project site which drains to natural facilities.

B. Other permanent erosion controls include hydraulic design to limit structure outlet velocities and grading design generally consisting of 4 :1 or flatter slopes with permanent vegetative cover.

4. STORM WATER MANAGEMENT ACTIVITIES: (Sequence of Construction)

- See construction progress schedule for schedule and durations of relevant soil disturbance and stabilization activites.
- To the extent practicable, phase construction activities to minimize exposure to disturbed soils.
- Compost manufactured topsoil to be placed as a temporary erosion control measure during construction prior to planting. Once soil disturbance activities are complete, contractor is responsible for tilling in the compost manufactured topsoil to the depth specified on the planting plan or general notes.
- Avoid storing portable sanitary untis, concrete washouts or chemicals within 50 feet upgradient of a recieving water or drainage conveyance without adequate pollution controls.
- Install SW3P control devices (BMPs) to protect drainage features, downslope perimeters, and active roadways prior to potential pollutant generating construction activities in their vicinity, or as needed and as directed or authorized by Engineer.
- Do not install BMPs more than two weeks prior to the activites in their control.
- Where work has temporarirly ceased in a disturbed area (i.e., will exceed 14 days before next soil disturbance activity or initiation of final stabilization measures), temporarirly stabilize soils per TXR150000, with vertical tracking, temporary seeding and/or other soil cover, and velocity and downslope permiter controls, as appropriate and/or as directed by Engineer.
- Re-vegetate disturbed soils in completed project areas as soon as practicable or as directed by Engineer.
- When construction activity is complete, project area is stabilized, and as directed or authorized by Engineer, remove all temporary SW3P controls.

5. NON-STORM WATER DISCHARGES:

Filter non-storm water discharges, or hold in retention basins, before being allowed to mix with storm water. These discharges consist of, but not limited to, non-polluted ground water, spring water, foundation or footing drain water, water used for dust control or pavement washing and vehicle washwater containing no detergents.

C. OTHER REQUIREMENTS & PRACTICES

1. MAINTENANCE:

Maintain all erosion and sediment controls in good working order. Perform any necessary cleaning/repairs/replacements at the earliest possible date prior to next rain event, but no later than 7 calendar days. Ensure the surrounding ground has dried sufficiently to prevent damage from equipment. "Too Wet" is the only reason for not adhering to timeframes described. When construction activities permanently or temporarily cease and are not expected to resume for 14 or more days on a disturbed portion of the site, stabilization measures must be initiated immediately.

2. INSPECTION:

A TxDOT Inspector will perform a regularly scheduled SW3P inspection every 7 calendar days. An Inspection and Maintenance Report, signed by the TxDOT Inspector and the Contractor, will be filed for each inspection. Revise/clean/repair/replace each BMP control device in accordance with the current Field Inspection and Maintenance Report (Form 2118) and Item 1 (Maintenance) above.

3. WASTE MATERIALS:

On a daily basis, or as may be directed, collect all waste materials, trash and debris from the construction site and deposit into a metal dumpster having a secure cover and which meets all state and local city solid waste management requirements. Empty the dumpster as required by regulation, or as may be directed, at a local approved landfill site. Do not bury construction waste on the construction project site.

4. HAZARDOUS WASTE & SPILL REPORTING:

As a minimum, any products in the following categories are considered to be hazardous: Paints, Acids, Solvents, Fuels, Asphalt Products, Chemical Additives for Soil Stabilization, and Concrete Curing Compounds or Additives. When storing hazardous material on the project site, or at a Project Specific Location, take all practicable precaution to prevent and/or contain any spillage of these materials. In the event of a spill, contact the spill coordinator immediately.

5. SANITARY WASTE:

Use a licensed sanitary waste management contractor to collect all sanitary waste from portable units as may be required by local regulation, or as directed.

6. CONSTRUCTION VEHICLE TRACKING:

On a regular basis, or as may be directed, dampen haul roads for dust control and construct construction entrances/exits. Provide for a motorized broom or vacuum type sweeper to be available on a daily basis, or as may be directed, to remove sediment from paved roadways on project, abutting and traversing the project site.

7. MANAGEMENT PRACTICES:

A. Construct disposal areas, stockpiles, haul roads and PSL's in a manner that will minimize and control the amount of sediment that may enter receiving waters. Do not locate disposal areas in any wetland, waterbody or streambed.
B. Locate construction staging areas, vehicle maintenance and PSL's areas in a manner to minimize the runoff of pollutants.
C. When working in or near a wetland, install and maintain operating soil erosion and sediment controls at all times during construction and isolate the work from the wetland.
D. Clear all waterways as soon as practicable of temporary embankment, temporary bridges, matting, falsework, piling, debris or other obstructions placed during construction operations that are not a part of the finished work.
E. Procedures and/or practices should be taken to control dust.
F. Sediment to be removed from roadways daily or when work begins after weather events if construction activities have ceased due to weather event.

1 REVISIONS MADE ON 1/25/2023

REGISTERED LANDSCAPE ARCHITECT
ANTHONY DIEP
3695
STATE OF TEXAS

, PLA 11/16/2022
Signature of Registrant & Date

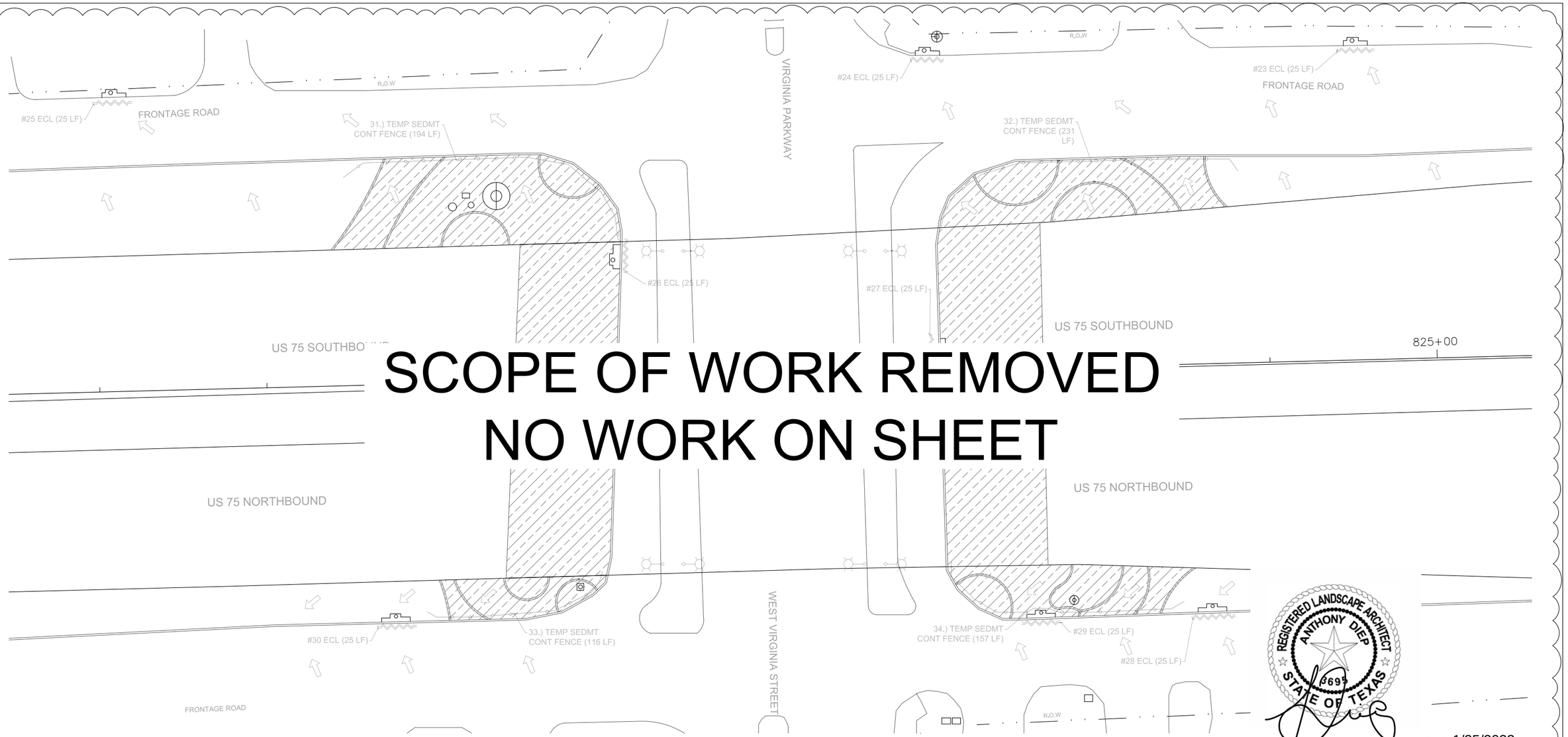
Texas Department of Transportation

DALLAS DISTRICT ENVIRONMENTAL

STORM WATER POLLUTION PREVENTION PLAN (SW3P)

TEMPLATE REVISION DATE: 02/07/18

DESIGN	FED. RD. DIV. NO.	PROJECT NO.		HIGHWAY NO.
AV	6	(SEE TITLE SHEET)		US 75
GRAPHICS AV	STATE	DISTRICT	COUNTY	SHEET NO.
CHECK	TEXAS	DALLAS	COLLIN	21
CHECK	CONTROL	SECTION	JOB	
	0047	14	087	



SCOPE OF WORK REMOVED
NO WORK ON SHEET

STANDARD SW3P NOTES:

DO NOT INSTALL BMP'S ANY SOONER THAN TWO WEEKS PRIOR TO CONSTRUCTION ACTIVITIES IN THEIR CONTROL AREA

SEE DAILY WORK REPORTS FOR INITIAL STABILIZATION TIME FRAMES

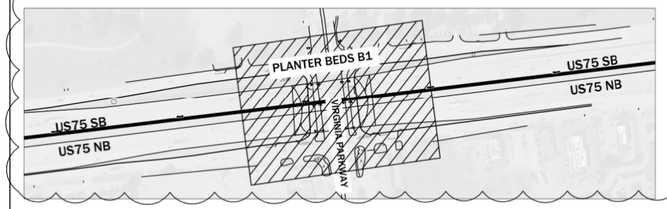
ALL CONSTRUCTION , STAGING, SOIL DISTURBANCE TO BE LIMITED TO THE BOUNDS OF THE PROJECT AREA WITHIN THE MEDIANS AND ADJACENT LANES. NO STAGING, OR DISTURBANCE EXISTING LANDSCAPE IN PARKWAY AREAS WILL BE PERMITTED. CONTRACTOR IS FULLY RESPONSIBLE FOR AVOIDING SUCH DISTURBANCE AND FOR STABILIZING SUCH DISTURBANCE IN ACCORDANCE WITH TXR150000.

MAINTAIN ACTIVE ROADWAY CLEAR OF SEDIMENTATION

SEE LANDSCAPE LAYOUT FOR FINAL STABILIZATION PLANS

KEY MAP

SCALE: 1" = 600'



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LEGEND

KEY	DESCRIPTION
	DISTURBED AREA
	GRATE INLET
	EXISTING SIGNAGE
	EXISTING LIGHT POLE
	DRAIN INLET
	MANHOLE
	WATER FLOW DIRECTION
	EROSION CONTROL LOGS
	SEDIMENT CONTROL FENCE

DATE DISTURBED: _____

DATE STABILIZED: _____

SW3P ITEMS

BMP	BMP TYPE	DATE INSTALLED	INITIAL	DATE REMOVED	INITIAL
23	EROSION CONTROL LOG				
24	EROSION CONTROL LOG				
25	EROSION CONTROL LOG				
26	EROSION CONTROL LOG				
27	EROSION CONTROL LOG				
28	EROSION CONTROL LOG				
29	EROSION CONTROL LOG				
30	EROSION CONTROL LOG				
31	TEMP SEDMT CONT FENCE				
32	TEMP SEDMT CONT FENCE				
33	TEMP SEDMT CONT FENCE				
34	TEMP SEDMT CONT FENCE				

1 REVISIONS MADE ON 1/25/2023

REGISTERED LANDSCAPE ARCHITECT ANTHONY DIEP 3695 STATE OF TEXAS

Signature of Registrant , P.L.A & Date 1/25/2023

1" = 60'

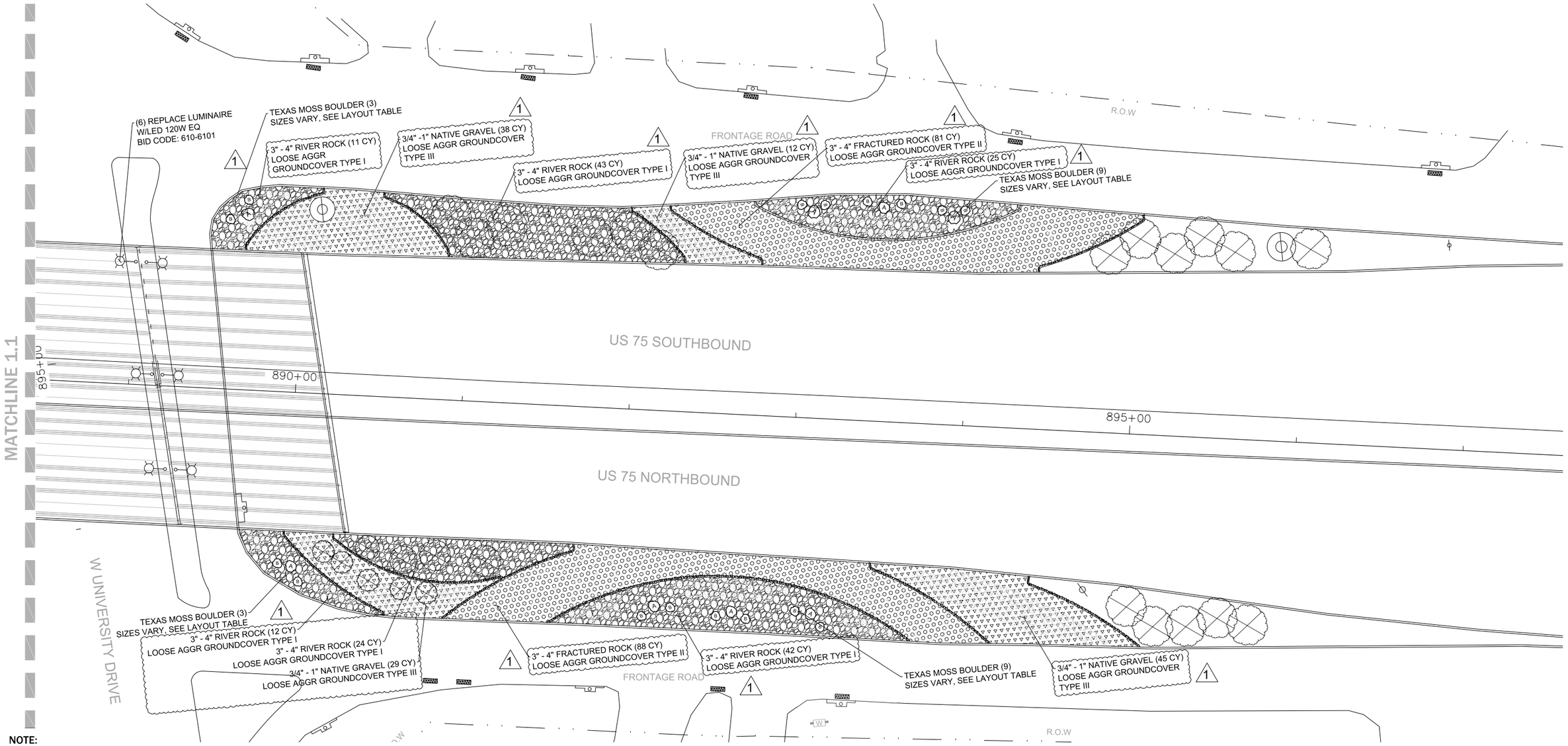
15 30 60 120

SW3P SITE MAP
PLANTER BED B1

SCALE: 1" = 60'

3 OF 3

DESIGN	FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
AV	6	(SEE TITLE SHEET)		US 75
GRAPHICS AV	STATE	DISTRICT	COUNTY	SHEET NO.
CHECK	TEXAS	DALLAS	COLLIN	24
CHECK	CONTROL	SECTION	JOB	
	0047	14	087	



NOTE:

EXISTING CONCRETE LANDSCAPE EDGE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON PLANS

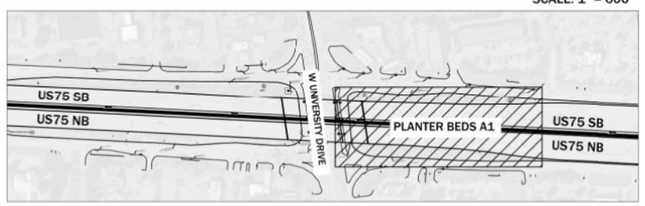
CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND UTILITY BOXES ON SITE

IF LANDSCAPE MATERIAL LAYOUT IS IN CONFLICT WITH EXISTING UTILITIES THEN THE CONTRACTOR IS RESPONSIBLE FOR MOVING LANDSCAPE MATERIAL LAYOUT TO GO AROUND UTILITIES

REPLACE 6 EXISTING HPS UNDERPASS LUMINAIRES AT VIRGINIA PARKWAY AND US 75 WITH 150W EQ LED LUMINAIRES ON THE MPL

KEY MAP

SCALE: 1" = 600'



LANDSCAPE LAYOUT LEGEND (1)

BID ITEM	KEY	QTY	NAME	NOTES/DESCRIPTION
1005-6001		157 CY	RIVER ROCK	3" - 4" SIZES, SEE DETAIL L.2 3" DEPTH
1005-6002		169 CY	FRACTURED ROCK	3" - 4" SIZES, SEE DETAIL L.2 4" DEPTH
1005-6003		62 CY	NATIVE GRAVEL	3/4" - 1" SIZES, NATIVE TEXAS EARTH TONE RIVER ROCK GRAVEL, SEE DETAIL L.2, 2" DEPTH
1002-6002	A	8 EA	TEXAS MOSS BOULDER	36" DARK BROWN, LIGHT BROWN SHADES
1002-6003	B	16 EA	TEXAS MOSS BOULDER	24" DARK BROWN, LIGHT BROWN SHADES

LEGEND

KEY	DESCRIPTION
	EXISTING CONCRETE LANDSCAPE EDGE
	EXISTING TREES TO BE PROTECTED IN PLACE
	EXISTING SIGNAGE
	EXISTING LIGHT POLE
	DRAIN INLET
	MANHOLE
	LUMINAIRE TO BE REPLACED

1" = 60'

15 30 60 120

1 REVISIONS MADE ON 1/25/2023

Signature of Registrant , P.L.A & Date 1/25/2023

REGISTERED LANDSCAPE ARCHITECT ANTHONY DIEP 3695 STATE OF TEXAS

Texas Department of Transportation
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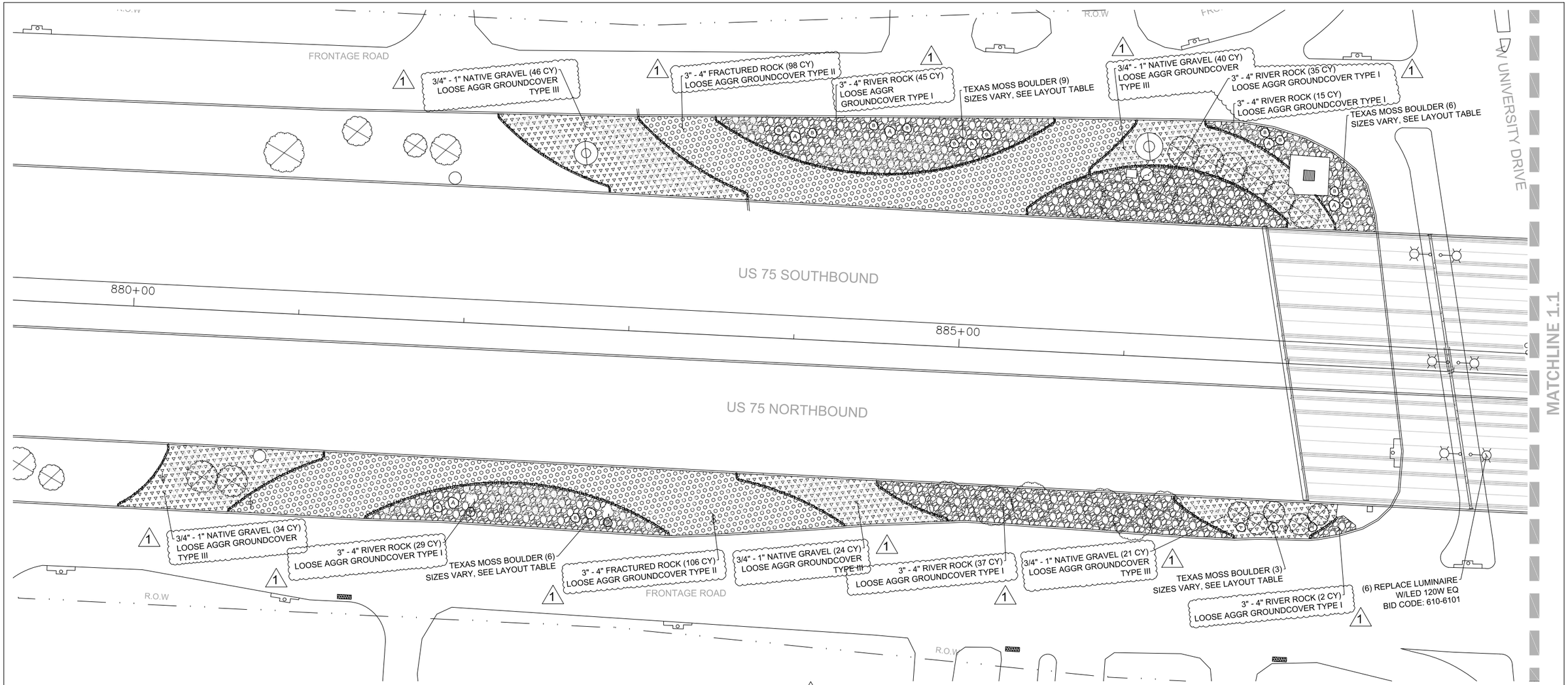
LANDSCAPE LAYOUT
PLANTER BED A1

SCALE: 1" = 60'

1 OF 3

DESIGN	FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
AV	6	(SEE TITLE SHEET)		US 75
GRAPHICS AV	STATE	DISTRICT	COUNTY	SHEET NO.
CHECK	TEXAS	DALLAS	COLLIN	31
CHECK	CONTROL	SECTION	JOB	
	0047	14	087	



NOTE:

EXISTING CONCRETE LANDSCAPE EDGE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON PLANS

CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND UTILITY BOXES ON SITE

IF LANDSCAPE MATERIAL LAYOUT IS IN CONFLICT WITH EXISTING UTILITIES THEN THE CONTRACTOR IS RESPONSIBLE FOR MOVING LANDSCAPE MATERIAL LAYOUT TO GO AROUND UTILITIES

REPLACE 6 EXISTING HPS UNDERPASS LUMINAIRES AT VIRGINIA PARKWAY AND US 75 WITH 150W EQ LED LUMINAIRES ON THE MPL

LANDSCAPE LAYOUT LEGEND

	BID ITEM	KEY	QTY	NAME	NOTES/DESCRIPTION
1	1005-6001		163 CY	RIVER ROCK	3" - 4" SIZES, SEE DETAIL L.2 3" DEPTH
	1005-6002		204 CY	FRACTURED ROCK	3" - 4" SIZES, SEE DETAIL L.2 4" DEPTH
1	1005-6003		82.5 CY	NATIVE GRAVEL	3/4" - 1" SIZES, NATIVE TEXAS EARTH TONE RIVER ROCK GRAVEL, SEE DETAIL L.2, 2" DEPTH
	1002-6002	A	10 EA	TEXAS MOSS BOULDER	36" DARK BROWN, LIGHT BROWN SHADES
	1002-6003	B	14 EA	TEXAS MOSS BOULDER	24" DARK BROWN, LIGHT BROWN SHADES

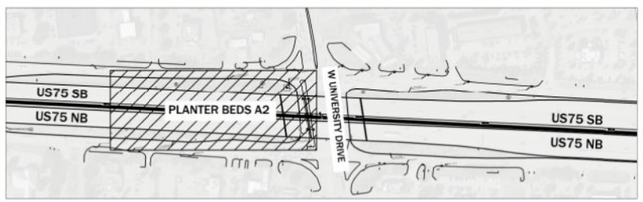
LEGEND

KEY	DESCRIPTION
	EXISTING CONCRETE LANDSCAPE EDGE
	EXISTING TREES TO BE PROTECTED IN PLACE
	EXISTING SIGNAGE
	EXISTING LIGHT POLE
	DRAIN INLET
	MANHOLE
	LUMINAIRE TO BE REPLACED

1" = 60'

15 30 60 120

KEY MAP SCALE: 1" = 600'



1 REVISIONS MADE ON 1/25/2023

REGISTERED LANDSCAPE ARCHITECT
ANTHONY DIEP
3695
STATE OF TEXAS

Signature of Registrant , P.L.A & Date 1/25/2023

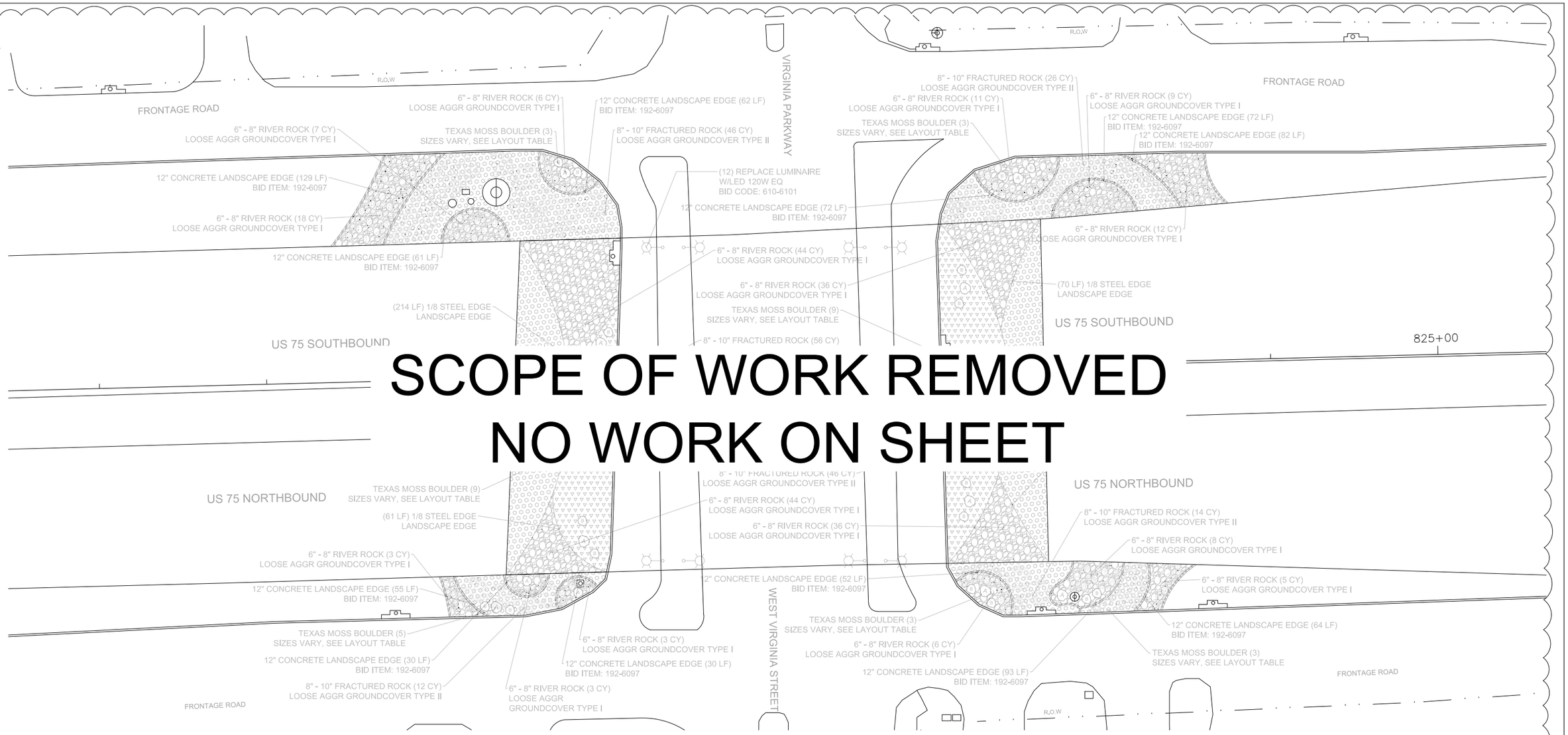
Texas Department of Transportation

LANDSCAPE LAYOUT
PLANTER BED A2

SCALE: 1" = 60'

2 OF 3

DESIGN	FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
AV	6	(SEE TITLE SHEET)		US 75
GRAPHICS AV	STATE	DISTRICT	COUNTY	SHEET NO.
CHECK	TEXAS	DALLAS	COLLIN	32
CHECK	CONTROL	SECTION	JOB	
	0047	14	087	



NOTE:

EXISTING CONCRETE LANDSCAPE EDGE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON PLANS

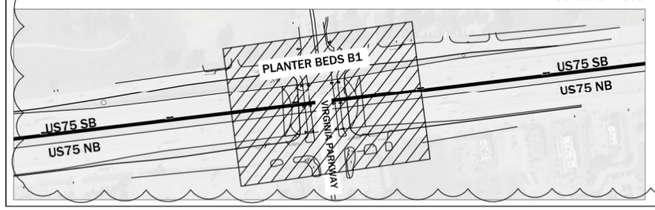
CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND UTILITY BOXES ON SITE

IF LANDSCAPE MATERIAL LAYOUT IS IN CONFLICT WITH EXISTING UTILITIES THEN THE CONTRACTOR IS RESPONSIBLE FOR MOVING LANDSCAPE MATERIAL LAYOUT TO GO AROUND UTILITIES

REPLACE 12 EXISTING HPS UNDERPASS LUMINAIRES AT VIRGINIA PARKWAY AND US 75 WITH 150W EQ LED LUMINAIRES ON THE MPL

KEY MAP

SCALE: 1" = 600'



LANDSCAPE LAYOUT LEGEND

BID ITEM	KEY	QTY	NAME	NOTES/DESCRIPTION
1005-6001		251 CY	RIVER ROCK	6" - 8", FOR FILTER FABRIC SEE DETAIL L.2
1005-6002		200 CY	FRACTURED ROCK	8" - 10", FOR FILTER FABRIC SEE DETAIL L.2
1005-6003		117 CY	NATIVE GRAVEL	3/4" NATIVE TEXAS EARTH TONE RIVER ROCK GRAVEL, FOR FILTER FABRIC SEE DETAIL L.2
192-6097		802 LF	12" CONCRETE LANDSCAPE EDGE	12" WIDTH , #3 REBAR, SEE DETAIL L.1
192-6015		702 LF	1/8" STEEL EDGING	LANDSCAPE EDGE, SEE DETAIL L.2
1002-6002	A	13 EA	TEXAS MOSS BOULDER	36" DARK BROWN, LIGHT BROWN SHADES
1002-6003	B	22 EA	TEXAS MOSS BOULDER	24" DARK BROWN, LIGHT BROWN SHADES

LEGEND

KEY	DESCRIPTION
	EXISTING CONCRETE LANDSCAPE EDGE
	EXISTING TREES TO BE PROTECTED IN PLACE
	EXISTING SIGNAGE
	EXISTING LIGHT POLE
	DRAIN INLET
	MANHOLE
	LUMINAIRE TO BE REPLACED

1" = 60'

15 30 60 120

1

1

REVISIONS MADE ON 1/25/2023

Signature of Registrant & Date , P.L.A 1/25/2023

REGISTERED LANDSCAPE ARCHITECT
ANTHONY DIEP
3695
STATE OF TEXAS

Texas Department of Transportation
© 2022

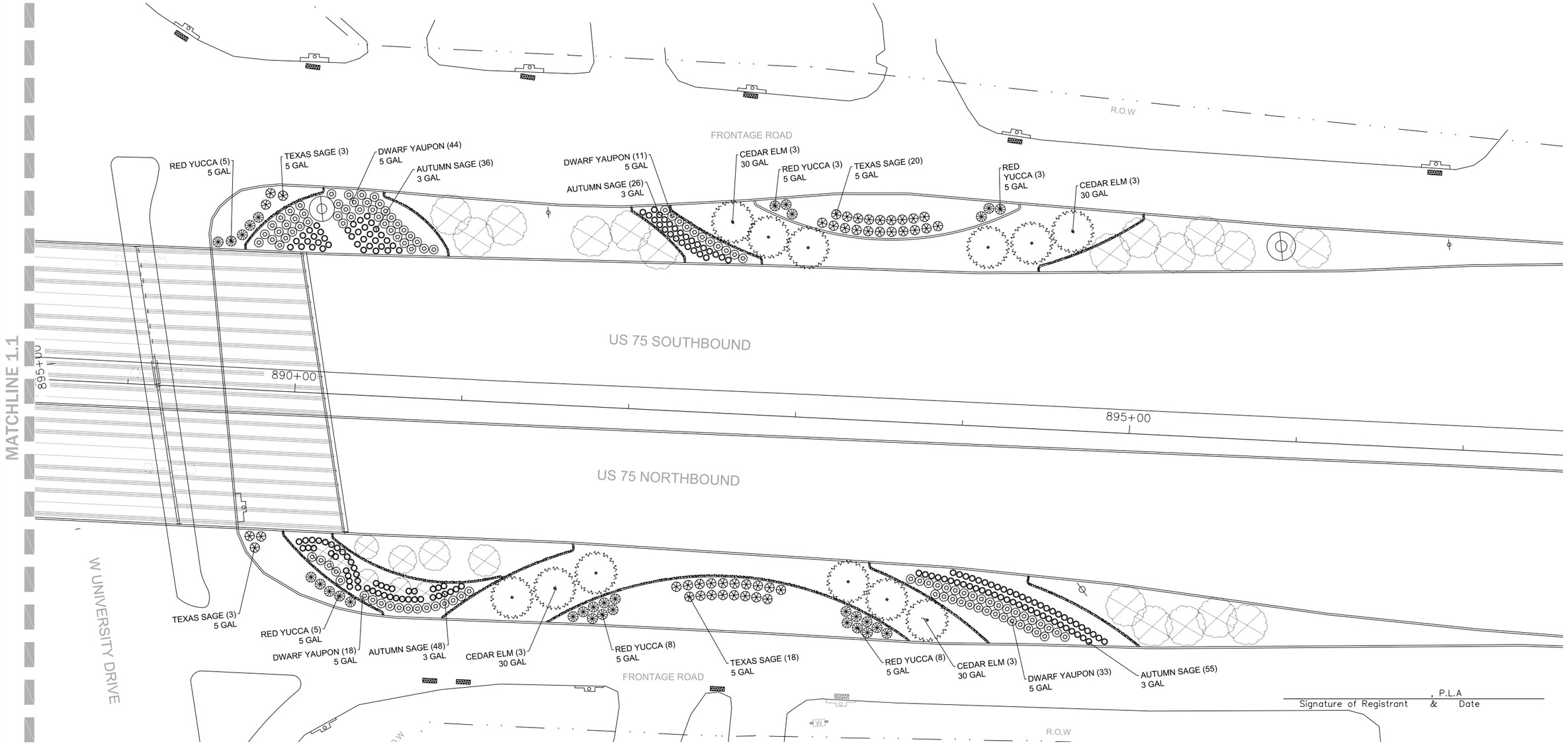
LANDSCAPE LAYOUT

PLANTER BED B1

SCALE: 1" = 60'

3 OF 3

DESIGN	FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
AV	6	(SEE TITLE SHEET)		US 75
GRAPHICS AV	STATE	DISTRICT	COUNTY	SHEET NO.
CHECK	TEXAS	DALLAS	COLLIN	33
CHECK	CONTROL	SECTION	JOB	
	0047	14	087	



NOTE:

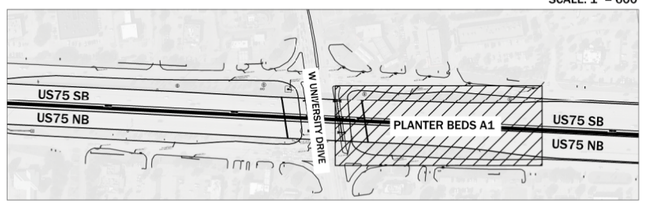
EXISTING CONCRETE LANDSCAPE EDGE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON PLANS

CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND UTILITY BOXES ON SITE

IF LANDSCAPE MATERIAL LAYOUT IS IN CONFLICT WITH EXISTING UTILITIES THEN THE CONTRACTOR IS RESPONSIBLE FOR MOVING LANDSCAPE MATERIAL LAYOUT TO GO AROUND UTILITIES

KEY MAP

SCALE: 1" = 600'



PLANTING LEGEND

BID ITEM	KEY	QTY	COMMON NAME	SCIENTIFIC NAME	CALIPER	GALLON	NOTES/DESCRIPTION
192-6024		12	CEDAR ELM	*Ulmus crassifolia*	3" - 4" CAL	30 GAL	
192-6004		32	RED YUCCA	*Hesperaloe parviflora*		5 GAL	
192-6004		44	TEXAS SAGE	*Leucophyllum frutescens*		5 GAL	
192-6004		103	DWARF YAUPON	*Ilex vomitoria 'Nana'*		5 GAL	
192-6003		165	AUTUMN SAGE	*Salvia greggii*		3 GAL	

LEGEND

KEY	DESCRIPTION
	EXISTING CONCRETE LANDSCAPE EDGE
	EXISTING TREES TO BE PROTECTED IN PLACE
	EXISTING SIGNAGE
	EXISTING LIGHT POLE
	DRAIN INLET
	MANHOLE

1" = 60'

15 30 60 120

1 REVISIONS MADE ON 1/25/2023

REGISTERED LANDSCAPE ARCHITECT ANTHONY DIEP 3695 STATE OF TEXAS

, P.L.A 1/25/2023
Signature of Registrant & Date

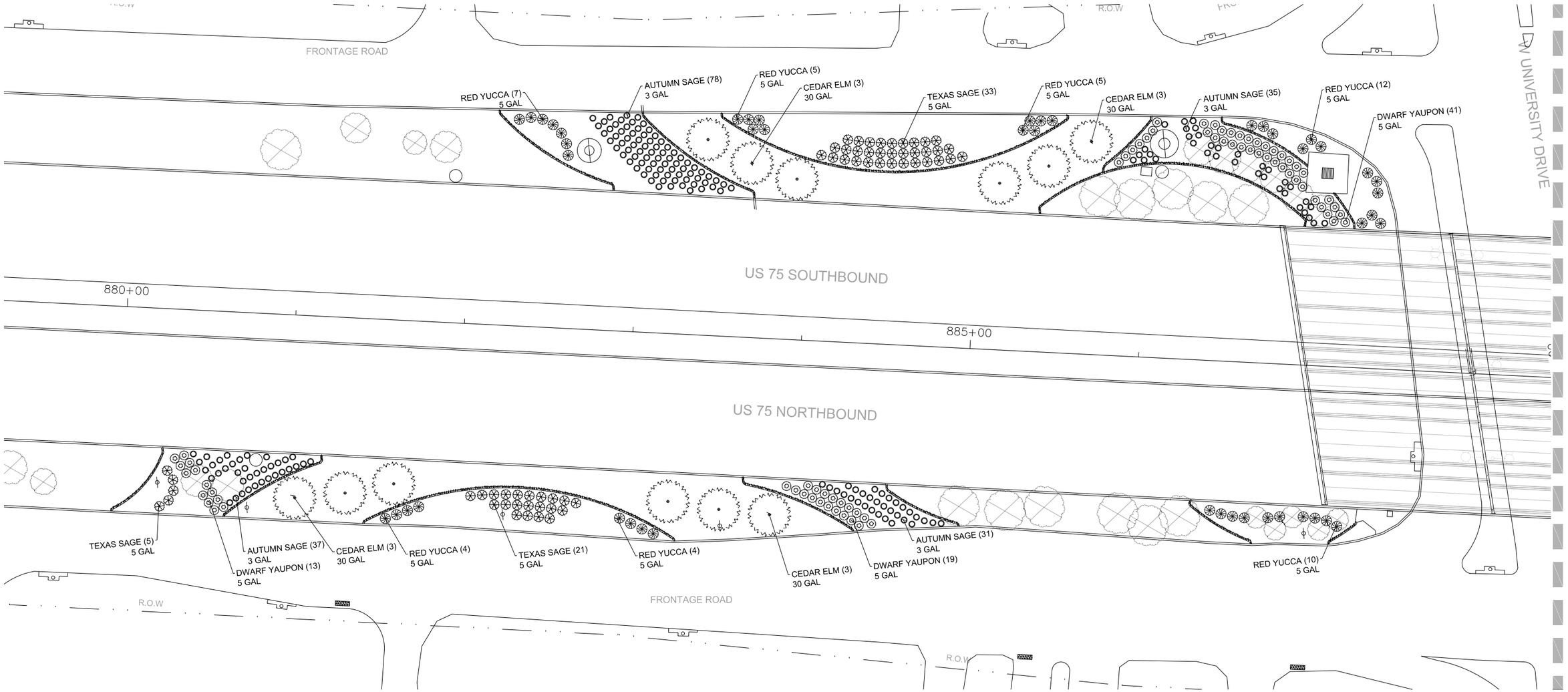
Texas Department of Transportation
© 2022

PLANTING PLAN
PLANTER BED A1

SCALE: 1" = 60'

1 OF 3

DESIGN	FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
AV	6	(SEE TITLE SHEET)		US 75
GRAPHICS AV	STATE	DISTRICT	COUNTY	SHEET NO.
CHECK	TEXAS	DALLAS	COLLIN	34
CHECK	CONTROL	SECTION	JOB	
	0047	14	087	



NOTE:

EXISTING CONCRETE LANDSCAPE EDGE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON PLANS

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IF LANDSCAPE MATERIAL LAYOUT IS IN CONFLICT WITH EXISTING UTILITIES THEN THE CONTRACTOR IS RESPONSIBLE FOR MOVING LANDSCAPE MATERIAL LAYOUT TO GO AROUND UTILITIES

1

PLANTING LEGEND

BID ITEM	KEY	QTY	COMMON NAME	SCIENTIFIC NAME	CALIPER	GAL	NOTES/DESCRIPTION
192-6024		12	CEDAR ELM	*Ulmus crassifolia*	3" - 4" CAL	30 GAL	
192-6004		47	RED YUCCA	*Hesperaloe parviflora*		5 GAL	
192-6004		59	TEXAS SAGE	*Leucophyllum frutescens*		5 GAL	
192-6004		73	DWARF YAUPON	*Ilex vomitoria 'Nana'*		5 GAL	
192-6003		181	AUTUMN SAGE	*Salvia greggii*		3 GAL	

LEGEND

KEY	DESCRIPTION
	EXISTING CONCRETE LANDSCAPE EDGE
	EXISTING TREES TO BE PROTECTED IN PLACE
	EXISTING SIGNAGE
	EXISTING LIGHT POLE
	DRAIN INLET
	MANHOLE

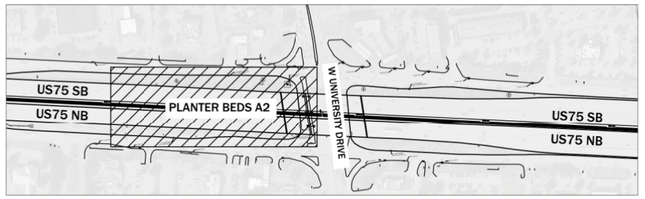
1" = 60'

15 30 60 120

N

KEY MAP

SCALE: 1" = 600'



1 REVISIONS MADE ON 1/25/2023

REGISTERED LANDSCAPE ARCHITECT ANTHONY DIEP 3695 STATE OF TEXAS

Signature of Registrant , P.L.A & Date 1/25/2023

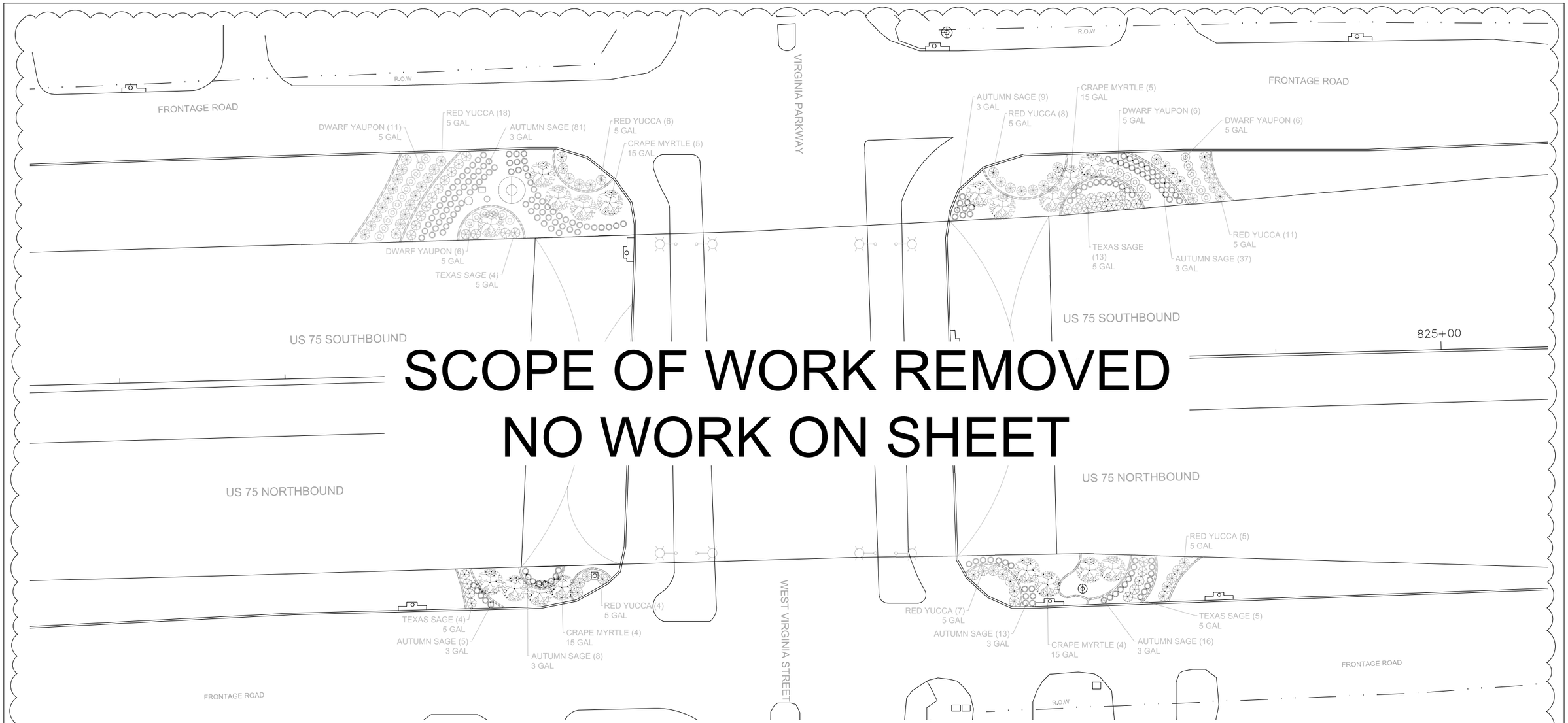
PLANTING PLAN

PLANTER BED A2

SCALE: 1" = 60'

2 OF 3

DESIGN	FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
AV	6	(SEE TITLE SHEET)		US 75
GRAPHICS	STATE	DISTRICT	COUNTY	SHEET NO.
AV	TEXAS	DALLAS	COLLIN	
CHECK	CONTROL	SECTION	JOB	35
CHECK	0047	14	087	



SCOPE OF WORK REMOVED
NO WORK ON SHEET

NOTE:

EXISTING CONCRETE LANDSCAPE EDGE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON PLANS

CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND UTILITY BOXES ON SITE

IF LANDSCAPE MATERIAL LAYOUT IS IN CONFLICT WITH EXISTING UTILITIES THEN THE CONTRACTOR IS RESPONSIBLE FOR MOVING LANDSCAPE MATERIAL LAYOUT TO GO AROUND UTILITIES

PLANTING LEGEND

BID ITEM	KEY	QTY	COMMON NAME	SCIENTIFIC NAME	CAL	GAL	NOTES/DESCRIPTION
192-6005		18	CRAPE MYRTLE	*Lagerstroemia indica*	4"	15 GAL	MULTI TRUNK - MINIMUM OF 4 MAIN BRANCHES
192-6004		59	RED YUCCA	*Hesperaloe parviflora*		5 GAL	
192-6004		36	TEXAS SAGE	*Leucophyllum frutescens*		5 GAL	
192-6004		29	DWARF YAUPON	*Ilex vomitoria 'Nana'*		5 GAL	
192-6003		169	AUTUMN SAGE	*Salvia greggii*		3 GAL	

LEGEND

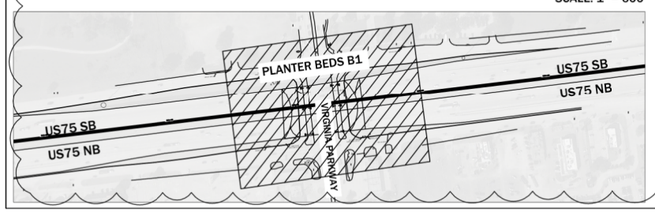
KEY	DESCRIPTION
	EXISTING TREES TO BE PROTECTED IN PLACE
	EXISTING SIGNAGE
	EXISTING LIGHT POLE
	DRAIN INLET
	MANHOLE

1" = 60'

15 30 60 120

KEY MAP

SCALE: 1" = 600'



1

1 REVISIONS MADE ON 1/25/2023

REGISTERED LANDSCAPE ARCHITECT
ANTHONY DIEP
3695
STATE OF TEXAS

Signature of Registrant , P.L.A & Date 1/25/2023

Texas Department of Transportation
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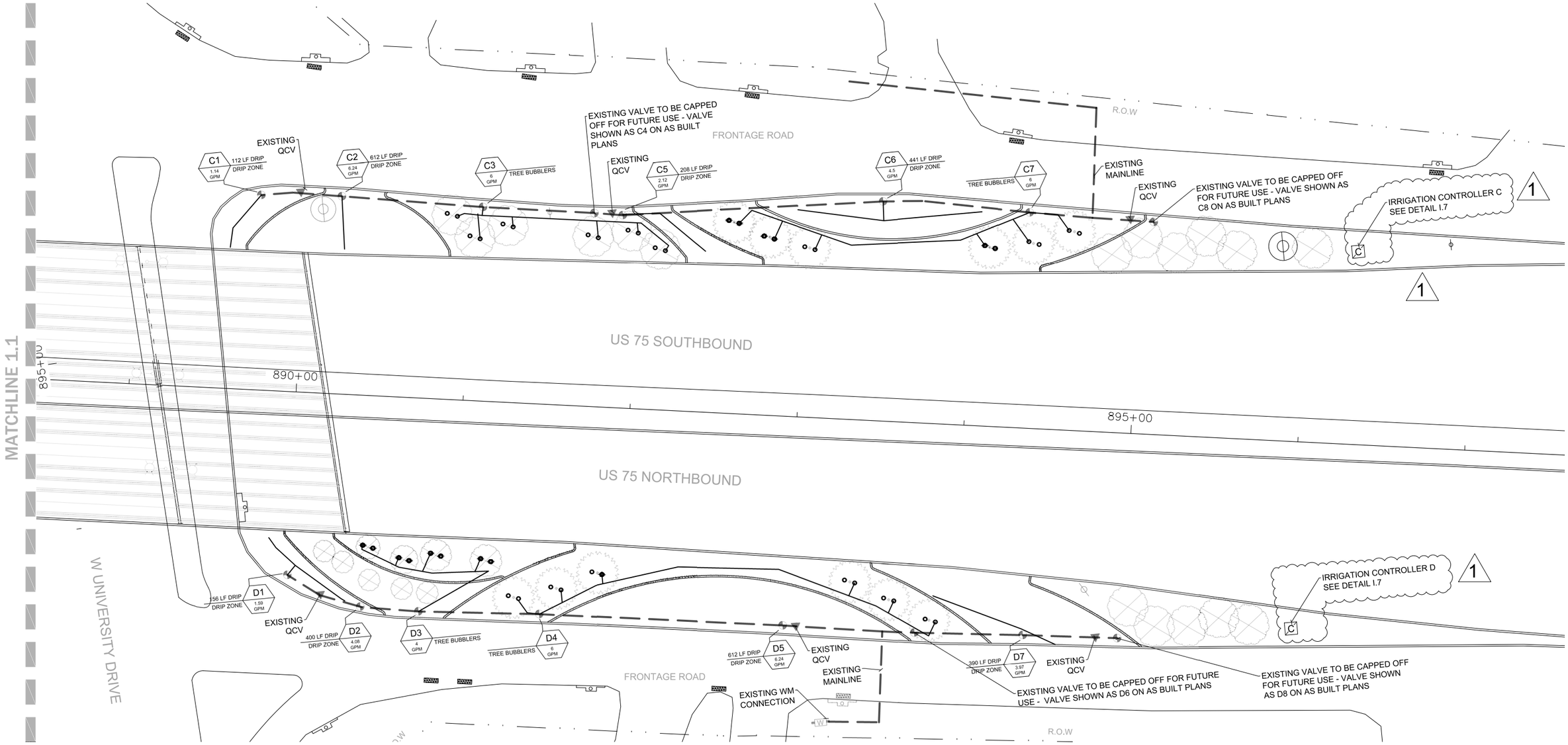
PLANTING PLAN
PLANTER BED B1

SCALE: 1" = 40'

3 OF 3

DESIGN	FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
AV	6	(SEE TITLE SHEET)		US 75
GRAPHICS	STATE	DISTRICT	COUNTY	SHEET NO.
AV	TEXAS	DALLAS	DALLAS	36
CHECK	CONTROL	SECTION	JOB	
CHECK	0047	14	087	



NOTE:

EXISTING VALVE LOCATIONS SHOWN ON PLANS ARE APPROXIMATE, CONTRACTOR IS RESPONSIBLE FOR LOCATING AND TYING INTO EXISTING VALVES AS SHOWN ON PLANS

MAINLINE OR VALVES SHOWN ON ROADWAY ARE FOR CLARITY PURPOSES ONLY. LOCATE VALVES MINIMUM OF 5 FEET BEHIND CURB, AND WITHIN 2 FEET OF CONCRETE LANDSCAPE EDGE IN BEDS

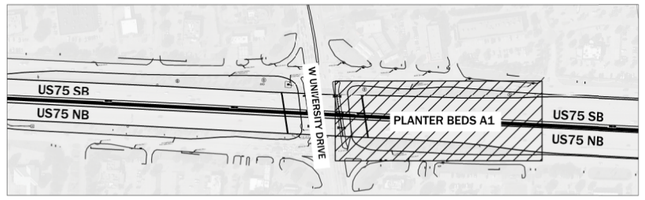
EXISTING CONCRETE LANDSCAPE EDGE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON PLANS

CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND UTILITY BOXES ON SITE

IF IRRIGATION MATERIAL LAYOUT IS IN CONFLICT WITH EXISTING UTILITIES THEN THE CONTRACTOR IS RESPONSIBLE FOR MOVING LANDSCAPE MATERIAL LAYOUT TO GO AROUND UTILITIES

KEY MAP

SCALE: 1" = 600'



LEGEND

KEY	DESCRIPTION
	EXISTING TREES TO BE PROTECTED IN PLACE
	EXISTING SIGNAGE
	EXISTING LIGHT POLE
	DRAIN INLET
	MANHOLE

IRRIGATION SCHEDULE

KEY	DESCRIPTION
X X" XX GPM	ZONE NUMBER | VALVE SIZE / ZONE TYPE | GALLONS PER MINUTE/HOUR
	XFCV-06-12-500 DRIPLINE
	ISOLATION VALVE
	Y STRAINER
DCA	BACKFLOW ASSEMBLY DEVICE
	VALVE ASSEMBLY
	QUICK COUPLING VALVE
C	CONTROLLER
W	CITY WATER METER TIE IN
	1402 SERIES FULL CIRCLE BUBBLER
	SCH 40 LATERAL PIPING
	SCH 40 MAINLINE PIPING

1 REVISIONS MADE ON 1/25/2023

REGISTERED LANDSCAPE ARCHITECT ANTHONY DIEP 3695 STATE OF TEXAS

Signature of Registrant , P.L.A & Date 1/25/2023

1" = 60'

15 30 60 120

N

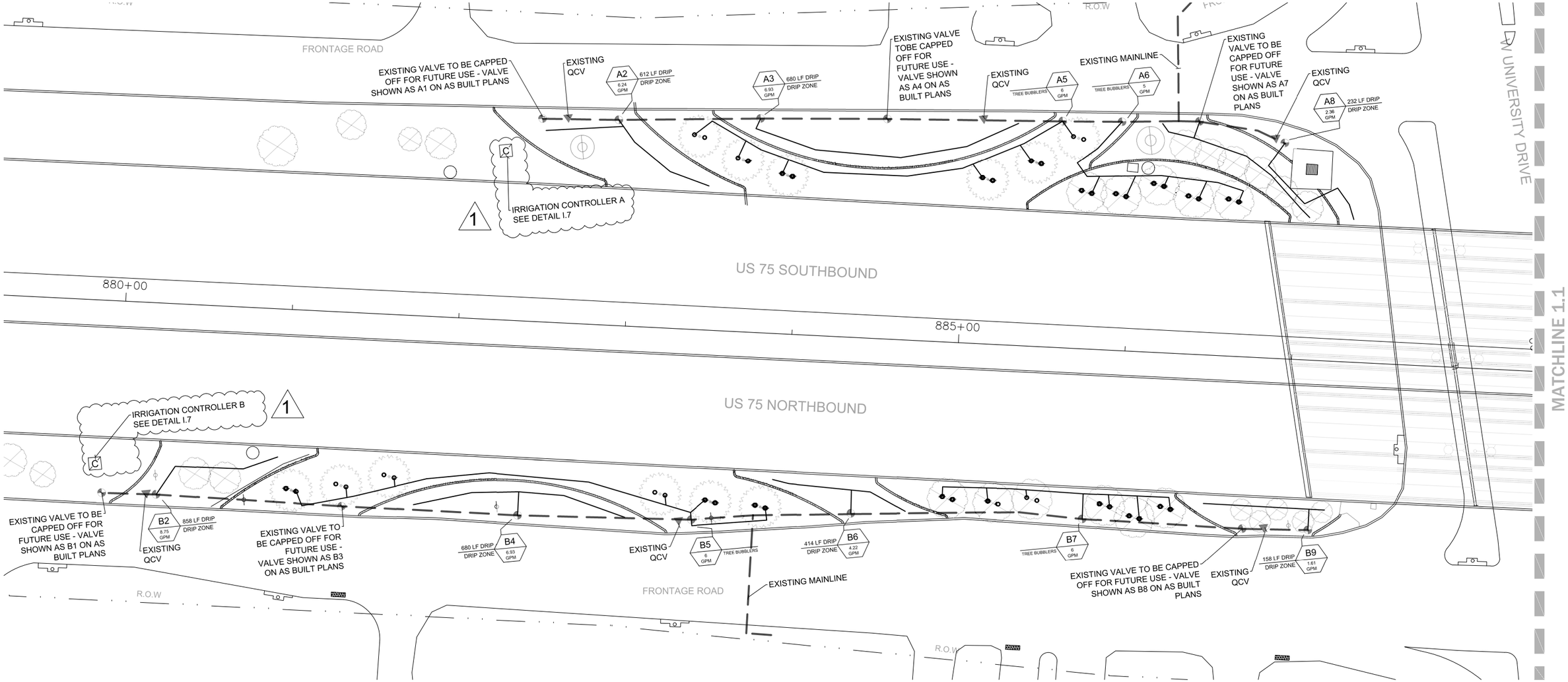
IRRIGATION PLAN

PLANTER BED A1

SCALE: 1" = 60'

1 OF 3

DESIGN	FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
AV	6	(SEE TITLE SHEET)		US 75
GRAPHICS AV	STATE	DISTRICT	COUNTY	SHEET NO.
CHECK	TEXAS	DALLAS	COLLIN	37
CHECK	CONTROL	SECTION	JOB	
	0047	14	087	



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EXISTING CONCRETE LANDSCAPE EDGE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON PLANS

CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND UTILITY BOXES ON SITE

IF IRRIGATION MATERIAL LAYOUT IS IN CONFLICT WITH EXISTING UTILITIES THEN THE CONTRACTOR IS RESPONSIBLE FOR MOVING LANDSCAPE MATERIAL LAYOUT TO GO AROUND UTILITIES

LEGEND

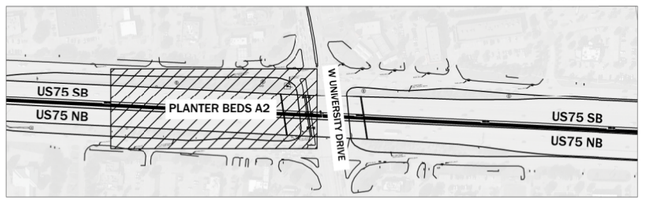
KEY	DESCRIPTION
	EXISTING TREES TO BE PROTECTED IN PLACE
	EXISTING SIGNAGE
	EXISTING LIGHT POLE
	DRAIN INLET
	MANHOLE

IRRIGATION SCHEDULE

KEY	DESCRIPTION
X X° XX GPM	ZONE NUMBER | VALVE SIZE ZONE TYPE | GALLONS PER MINUTE/HOUR
	XFCV-06-12-500 DRIPLINE
	ISOLATION VALVE
	Y STRAINER
DCA	BACKFLOW ASSEMBLY DEVICE
	VALVE ASSEMBLY
	QUICK COUPLING VALVE
C	CONTROLLER
W	CITY WATER METER TIE IN
	1402 SERIES FULL CIRCLE BUBBLER
	SCH 40 LATERAL PIPING
	SCH 40 MAINLINE PIPING

KEY MAP

SCALE: 1" = 600'



1" = 60'

15 30 60 120

N

1 REVISIONS MADE ON 1/25/2023

REGISTERED LANDSCAPE ARCHITECT ANTHONY DIEP 3695 STATE OF TEXAS

Signature of Registrant , P.L.A & Date 1/25/2023

Texas Department of Transportation
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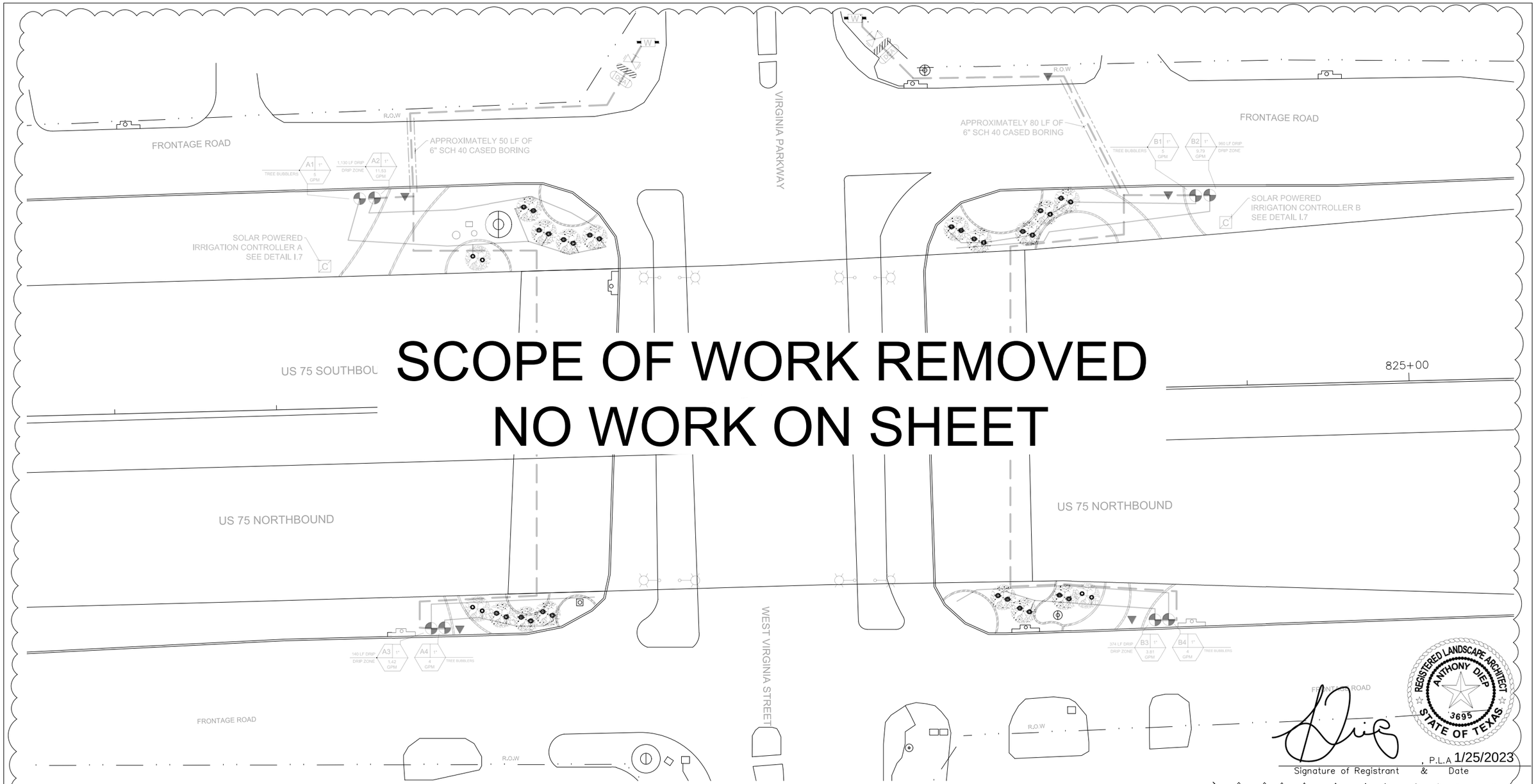
IRRIGATION PLAN
PLANTER BED A2

SCALE: 1" = 60'

2 OF 3

DESIGN	FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
AV	6	(SEE TITLE SHEET)		US 75
GRAPHICS AV	STATE	DISTRICT	COUNTY	SHEET NO.
CHECK	TEXAS	DALLAS	COLLIN	38
CHECK	CONTROL	SECTION	JOB	
	0047	14	087	



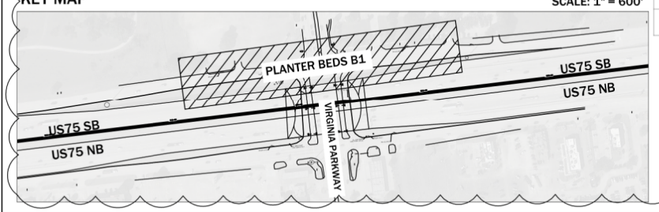
SCOPE OF WORK REMOVED
NO WORK ON SHEET

1" = 60'

15 30 60 120

KEY MAP

SCALE: 1" = 600'



LEGEND

KEY	DESCRIPTION
	EXISTING TREES TO BE PROTECTED IN PLACE
	EXISTING SIGNAGE
	EXISTING LIGHT POLE
	DRAIN INLET
	MANHOLE

IRRIGATION SCHEDULE

KEY	DESCRIPTION
X | X / XX GPM	ZONE NUMBER | VALVE SIZE / ZONE TYPE | GALLONS PER MINUTE/HOUR
	XFCV-06-12-500 DRIPLINE
	ISOLATION VALVE
	Y STRAINER
DCA	BACKFLOW ASSEMBLY DEVICE
	VALVE ASSEMBLY
	QUICK COUPLING VALVE
C	CONTROLLER
W	CITY WATER METER TIE IN
	1402 SERIES FULL CIRCLE BUBBLER
	SCH 40 LATERAL PIPING
	SCH 40 MAINLINE PIPING

NOTE:

EXISTING VALVE LOCATIONS SHOWN ON PLANS ARE APPROXIMATE, CONTRACTOR IS RESPONSIBLE FOR LOCATING AND TYING INTO EXISTING VALVES AS SHOWN ON PLANS

MAINLINE OR VALVES SHOWN ON ROADWAY ARE FOR CLARITY PURPOSES ONLY. LOCATE VALVES MINIMUM OF 5 FEET BEHIND CURB, AND WITHIN 2 FEET OF CONCRETE LANDSCAPE EDGE IN BEDS

EXISTING CONCRETE LANDSCAPE EDGE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON PLANS

CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND UTILITY BOXES ON SITE

IF IRRIGATION MATERIAL LAYOUT IS IN CONFLICT WITH EXISTING UTILITIES THEN THE CONTRACTOR IS RESPONSIBLE FOR MOVING LANDSCAPE MATERIAL LAYOUT TO GO AROUND UTILITIES

1 REVISIONS MADE ON 1/25/2023

REGISTERED LANDSCAPE ARCHITECT ANTHONY DIEP 3695 STATE OF TEXAS

Signature of Registrant , P.L.A & Date 1/25/2023

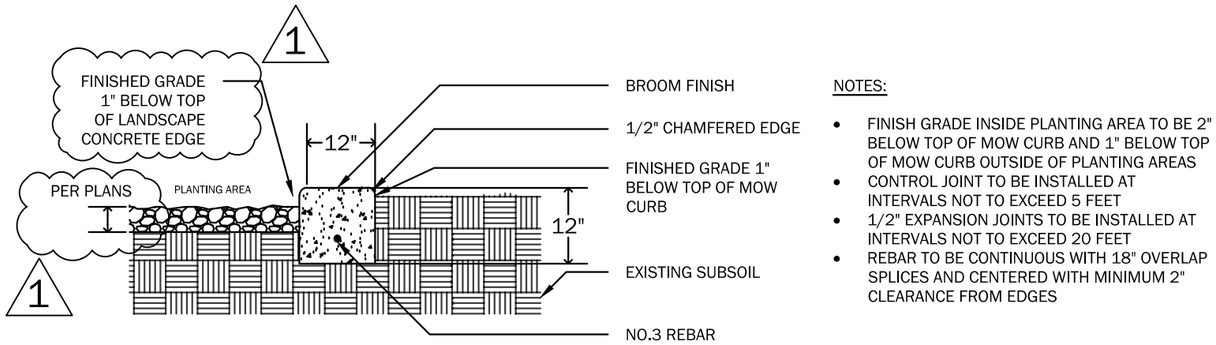
Texas Department of Transportation

IRRIGATION PLAN
PLANTER BED B1

SCALE: 1" = 60'

3 OF 3

DESIGN	FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
AV	6	(SEE TITLE SHEET)		US 75
GRAPHICS AV	STATE	DISTRICT	COUNTY	SHEET NO.
CHECK	TEXAS	DALLAS	COLLIN	39
CHECK	CONTROL	SECTION	JOB	
	0047	14	087	

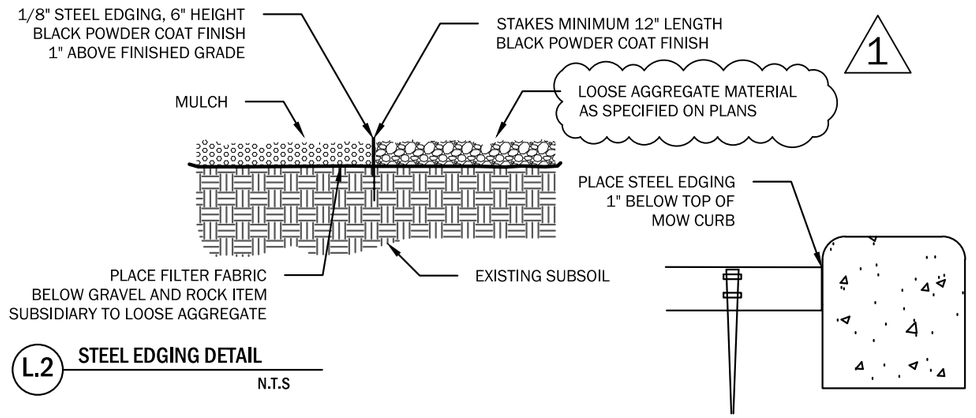


NOTES:

- FINISH GRADE INSIDE PLANTING AREA TO BE 2" BELOW TOP OF MOW CURB AND 1" BELOW TOP OF MOW CURB OUTSIDE OF PLANTING AREAS
- CONTROL JOINT TO BE INSTALLED AT INTERVALS NOT TO EXCEED 5 FEET
- 1/2" EXPANSION JOINTS TO BE INSTALLED AT INTERVALS NOT TO EXCEED 20 FEET
- REBAR TO BE CONTINUOUS WITH 18" OVERLAP SPLICES AND CENTERED WITH MINIMUM 2" CLEARANCE FROM EDGES

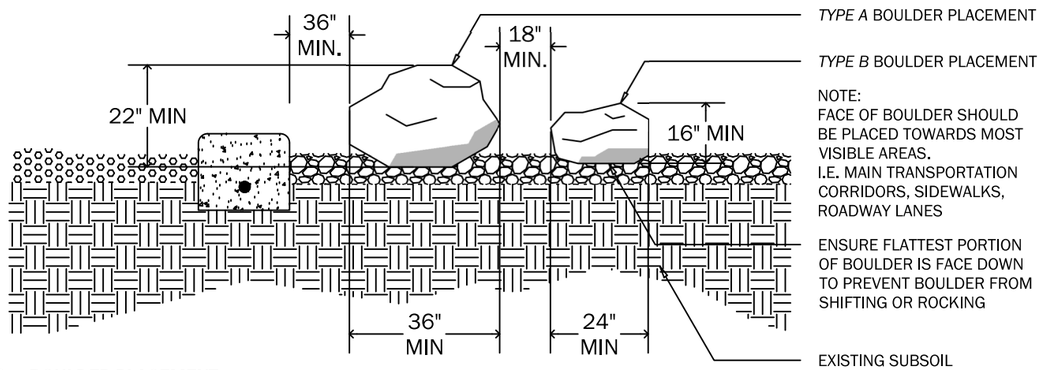
L.1 CONCRETE MOW CURB DETAIL

N.T.S



L.2 STEEL EDGING DETAIL

N.T.S



L.3 BOULDER PLACEMENT

N.T.S

1 REVISIONS MADE ON 1/25/2023

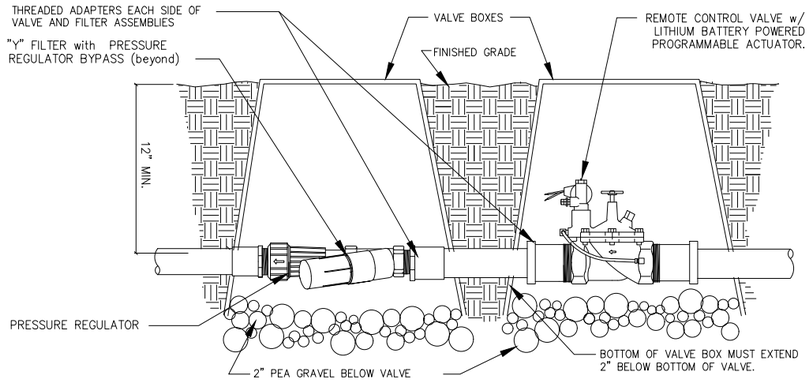
REGISTERED LANDSCAPE ARCHITECT
ANTHONY DIEP
3695
STATE OF TEXAS

Signature of Registrant & Date, P.E. 1/25/2023

LANDSCAPE LAYOUT DETAILS

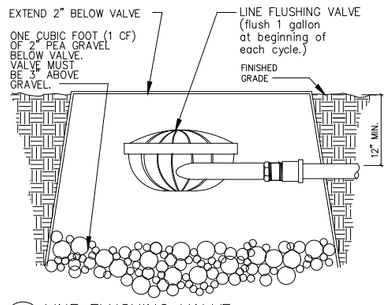
1 OF 1

DESIGN	FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
AV	6	(SEE TITLE SHEET)		US 75
GRAPHICS	STATE	DISTRICT	COUNTY	SHEET NO.
AV	TEXAS	DALLAS	COLLIN	41
CHECK	CONTROL	SECTION	JOB	
CHECK	0047	14	087	



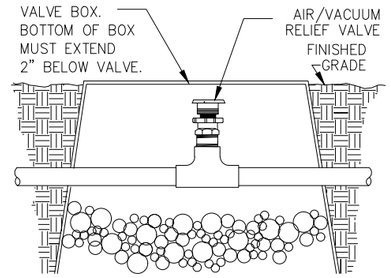
1.1 VALVE ASSEMBLY FOR DRIP IRRIGATION SECTIONS

N.T.S.



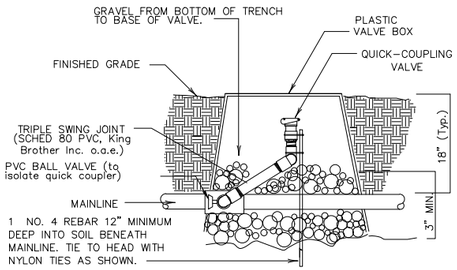
1.2 LINE FLUSHING VALVE

N.T.S.



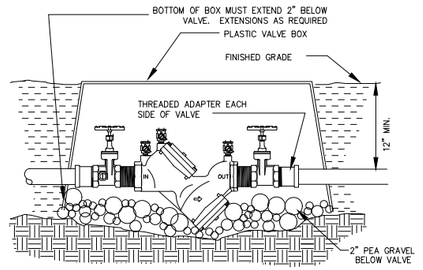
1.3 AIR/VACUUM RELIEF VALVE

N.T.S.



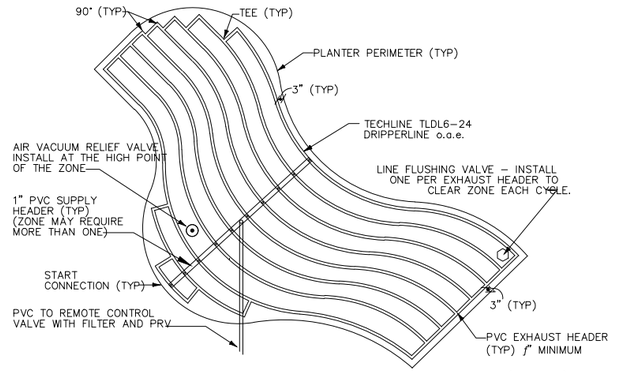
1.4 QUICK-COUPLING VALVE

N.T.S.



1.5 DOUBLE-CHECK VALVE

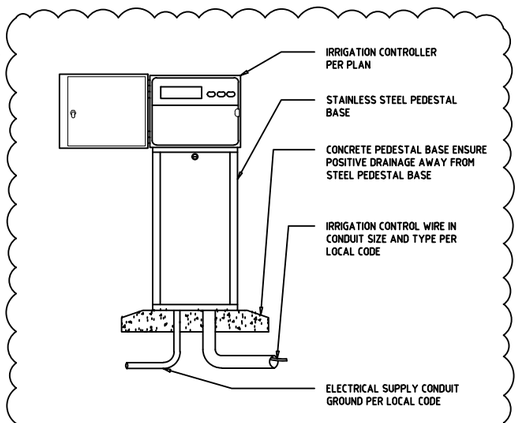
N.T.S.



1.6 DRIP TUBING PLANTER LAYOUT (TYP)
IRREGULAR

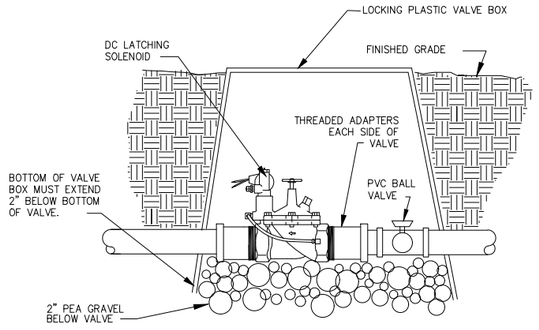
N.T.S.

1



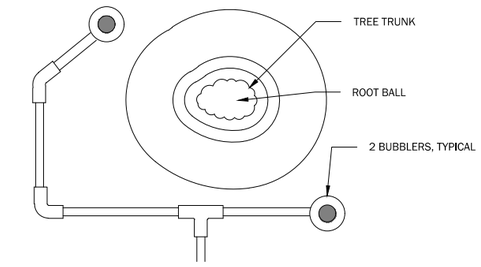
1.7 PEDESTAL MOUNT STAINLESS STEEL

N.T.S.



1.8 CONTROL VALVE IN BOX

N.T.S.



1.9 BUBBLER ASSEMBLY FOR TREES

N.T.S.

1 REVISIONS MADE ON 1/25/2023

REGISTERED LANDSCAPE ARCHITECT ANTHONY DIEP 3695 STATE OF TEXAS

Signature of Registrant & , P.E. Date 1/25/2023

Texas Department of Transportation

IRRIGATION DETAILS

1 OF 1

DESIGN	FED.RD. DIV.NO.	PROJECT NO.		HIGHWAY NO.
AV	6	(SEE TITLE SHEET)		US 75
GRAPHICS	STATE	DISTRICT	COUNTY	SHEET NO.
AV	TEXAS	DALLAS	COLLIN	42
CHECK	CONTROL	SECTION	JOB	
CHECK	0047	14	087	