

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS (APPROX. 3.92 L.M.) MAY 2025



LOCATION MAP:
SCALE: 1"=1000'

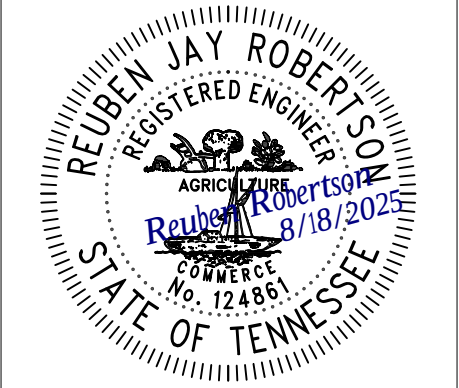
DRAWING INDEX

- 1. COVER SHEET
- 2. TYPICAL DETAILS
- 3. TYPICAL DETAILS
- 4. TYPICAL DETAILS
- 5. TYPICAL DETAILS
- 6. TYPICAL DETAILS
- 7. TYPICAL URBAN BIORETENTION DETAIL
- 8. LANDSCAPE DETAIL FOR BIORETENTION AREAS
- 9. BIORETENTION DATA TABLES
- 10. GRASS SWALE CROSSING DETAIL
- 11. PROPOSED LAYOUT-TREUTLAND AVENUE
- 12. PROPOSED LAYOUT-TREUTLAND AVENUE
- 13. PROPOSED LAYOUT-BERRY STREET
- 14. PROPOSED LAYOUT-BERRY STREET
- 15. STRIPING AND SIGNAGE LAYOUT-GRACE STREET
- 16. CONCRETE AND GREEN INFRASTRUCTURE LAYOUT-GRACE STREET
- 17. STRIPING AND SIGNAGE LAYOUT-GRACE STREET
- 18. CONCRETE AND GREEN INFRASTRUCTURE LAYOUT-GRACE STREET
- 19. STRIPING AND SIGNAGE LAYOUT-GRACE STREET
- 20. CONCRETE AND GREEN INFRASTRUCTURE LAYOUT-GRACE STREET
- 21. PROPOSED LAYOUT-HANCOCK STREET
- 22. PROPOSED LAYOUT-HANCOCK STREET
- 23. PROPOSED LAYOUT-ARRINGTON STREET
- 24. PROPOSED LAYOUT-WILBURN STREET
- 25. PROPOSED LAYOUT-JOSEPH AVENUE
- 26. PROPOSED LAYOUT-JOSEPH AVENUE
- 27. PROPOSED LAYOUT-N 2ND STREET
- 28. PROPOSED LAYOUT-N 2ND STREET
- 29. PROPOSED LAYOUT-N 2ND STREET
- 30. PROPOSED LAYOUT-STOCKELL STREET
- 31. PROPOSED LAYOUT-STOCKELL STREET
- 32. PROPOSED LAYOUT-STOCKELL STREET
- 33. STRIPING AND SIGNAGE LAYOUT-MERIDIAN STREET
- 34. CONCRETE AND GREEN INFRASTRUCTURE LAYOUT-MERIDIAN STREET
- 35. STRIPING AND SIGNAGE LAYOUT-MERIDIAN STREET
- 36. CONCRETE AND GREEN INFRASTRUCTURE LAYOUT-MERIDIAN STREET
- 37. STRIPING AND SIGNAGE LAYOUT-MERIDIAN STREET
- 38. CONCRETE AND GREEN INFRASTRUCTURE LAYOUT-MERIDIAN STREET
- 39. PROPOSED LAYOUT-N 3RD STREET

COUNCIL DISTRICT: 5
COUNCIL MEMBER: SEAN PARKER

REV	DATE	REVISION DESCRIPTION

METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS



PROJECT NUMBER:	NDT503
DATE:	08.18.2025
SCALE:	AS SHOWN
DRAWN BY:	JWC/JEP/DMC
DESIGNED BY:	ZDB

SHEET TITLE:

COVER SHEET

SHEET 1 OF 39

C:\MISC\TNASH\PHD1_BW_D05_2025-023\PHASE 1\COMBINED\SHEET FILES\WMS EAST NASH COVERING 5/17/2025 4:26 PM JWCY CLARK



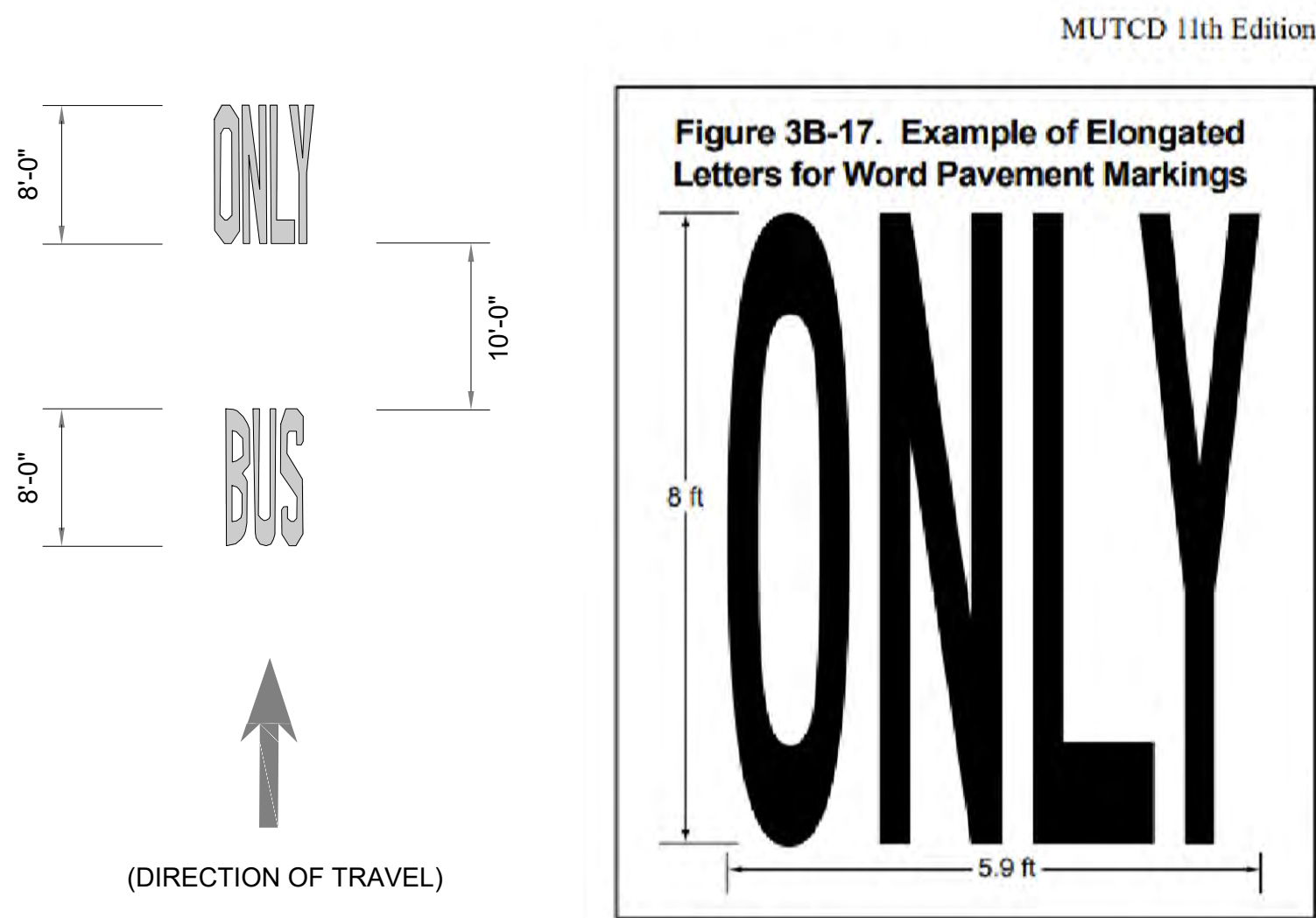
LDA ENGINEERING
402 BNA DRIVE SUITE 403
NASHVILLE, TENNESSEE 37217
TELEPHONE: 877-754-8254
FAX: 865-573-1352

FEMA MAP NUMBER: 47037C0242H
EFFECTIVE: 04/05/2017
ZONE: X

C:\MISC\NASH_PHD_005_2023-023\PHASE 1\COMBINED\SHEET FILES\WMS EAST\WMSL DETAILS_2025.DWG, 5/19/2025 3:11 PM, DMSY CLARK

NOTES:

- MUTCD 2023 SECTION 3E.03.02.D BUS ONLY OR BUS STOP -USE THE WORD MARKING "BUS ONLY" OR "BUS STOP"

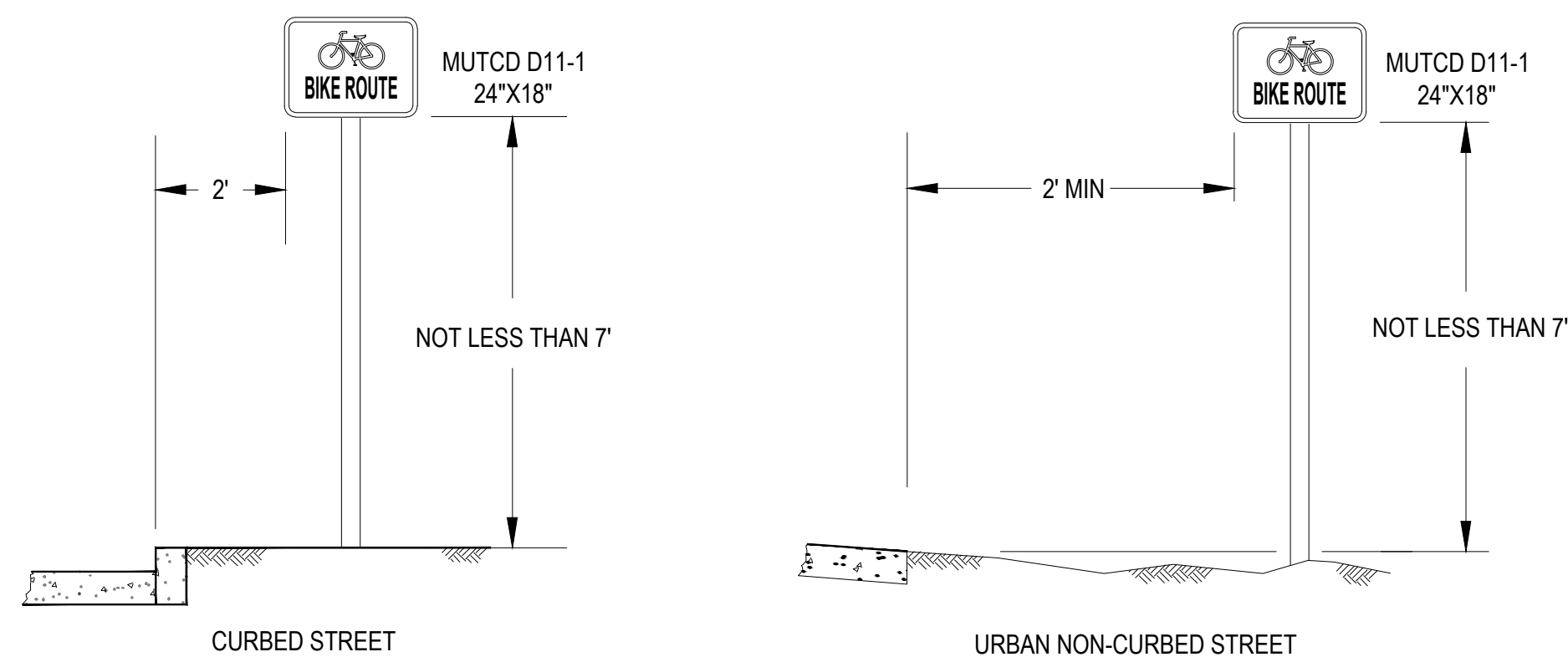


BUS ONLY PAVEMENT MARKING DETAIL

NOT TO SCALE

DETAIL NO. 4

DETAIL NO. 5



SIGN INSTALLATION NOTES:

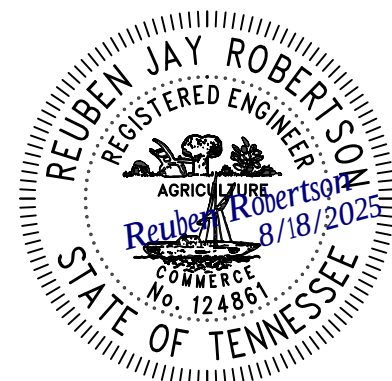
- ALL SIGNS SHALL BE INSTALLED IN THE APPROXIMATE LOCATIONS SHOWN ON PLAN SHEETS. ANY DEVIATION MUST BE APPROVED BY THE METROPOLITAN DEPARTMENT OF PUBLIC WORKS.
- SIGNS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2023 MUTCD), AND SHALL HAVE THE HEIGHT AND CLEARANCE SPECIFICATIONS SHOWN ON THIS SHEET.
- ALL SIGNING EQUIPMENT AND INSTALLATION PROCEDURES SHALL COMPLY WITH THE T.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 713 - HIGHWAY SIGNING, AND WITH THE SPECIFICATIONS OF METROPOLITAN NASHVILLE AND DAVIDSON COUNTY.
- IF A SECOND SIGN IS MOUNTED BELOW AN EXISTING SIGN, IT SHALL BE 7' ABOVE TOP OF CURB

HEIGHT AND LATERAL LOCATION OF SIGNS - TYPICAL INSTALLATIONS

NOT TO SCALE

****SPECIAL NOTES:**

- ALL PAVEMENT MARKINGS AND SIGNAGE SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (2023 MUTCD)
- CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ROADWAY MARKINGS AND SIGNS.
- BIKEWAY SIGNAGE SHALL BE PLACED PER DIRECTION OF THE FIELD ENGINEER.
- SHARROW AND BIKE LANE PAVEMENT MARKING SHALL BE PLACED PER DIRECTION OF METRO REPRESENTATIVE.
- SHARROW AND BIKE LANE PAVEMENT MARKING SHALL NOT BE PLACED IN FRONT OF DRIVEWAYS.
- BIKEWAY PROJECTS SHALL COORDINATE WITH METRO TRAFFIC DEPARTMENT.
- THE DESIGN IS BASED ON AERIAL IMAGERY FROM BING MAPS USING AUTODESK CIVIL 3D SOFTWARE; ALL SPACING AND DIMENSIONS MUST BE FIELD VERIFIED BY THE CONTRACTOR
- THE CONTRACTOR MUST NOTIFY THE ENGINEER AFTER PLACING TEMPORARY MARKINGS.
- THE ENGINEER WILL VERIFY DIMENSIONS BEFORE PERMANENT STRIPING IS APPLIED.



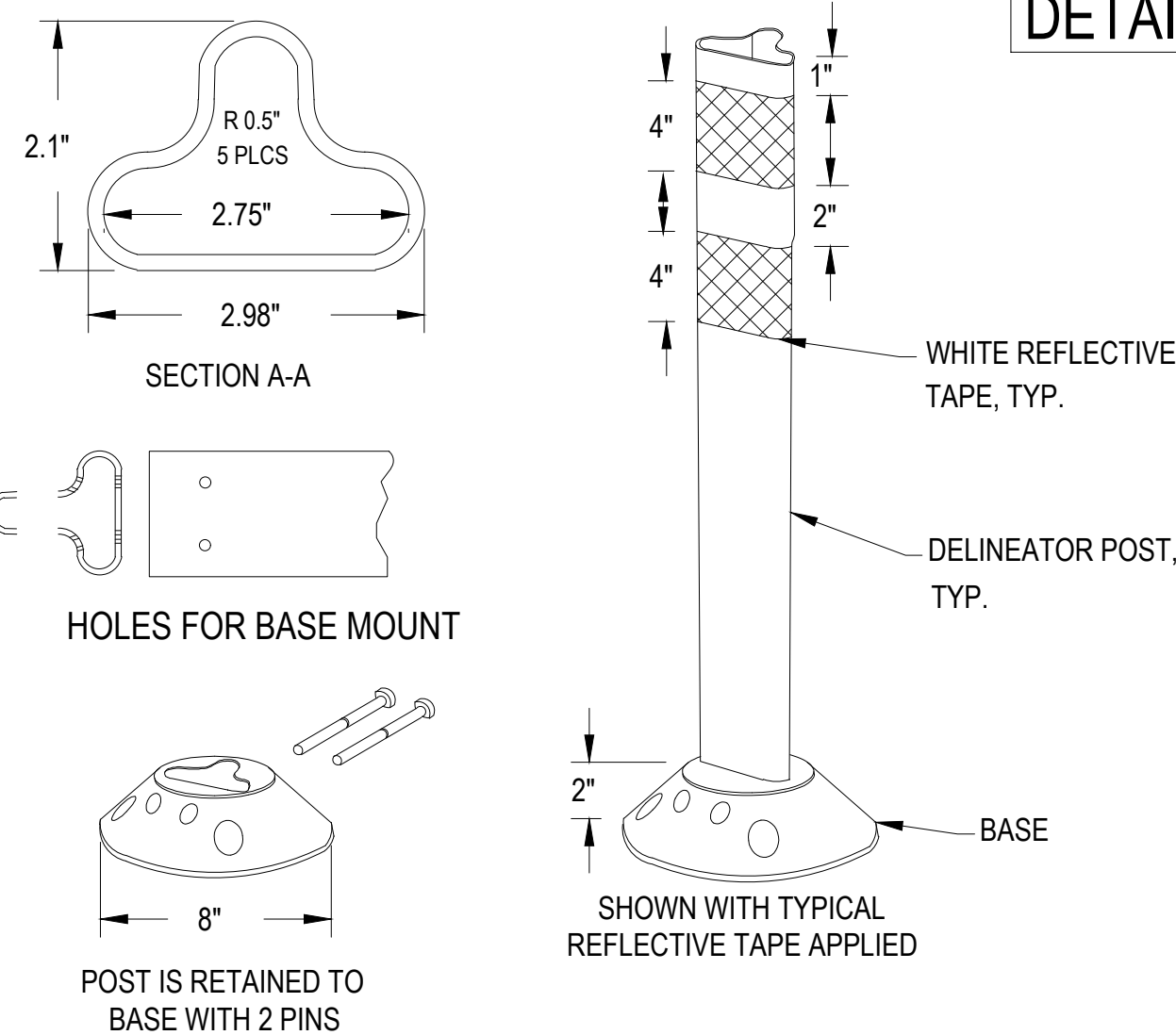
PROJECT NUMBER: NDT503

DATE: 08.18.2025 SCALE:

DRAWN BY: JWC/JEP/DMC DESIGNED BY: ZDB

SHEET TITLE:

TYPICAL
DETAILS

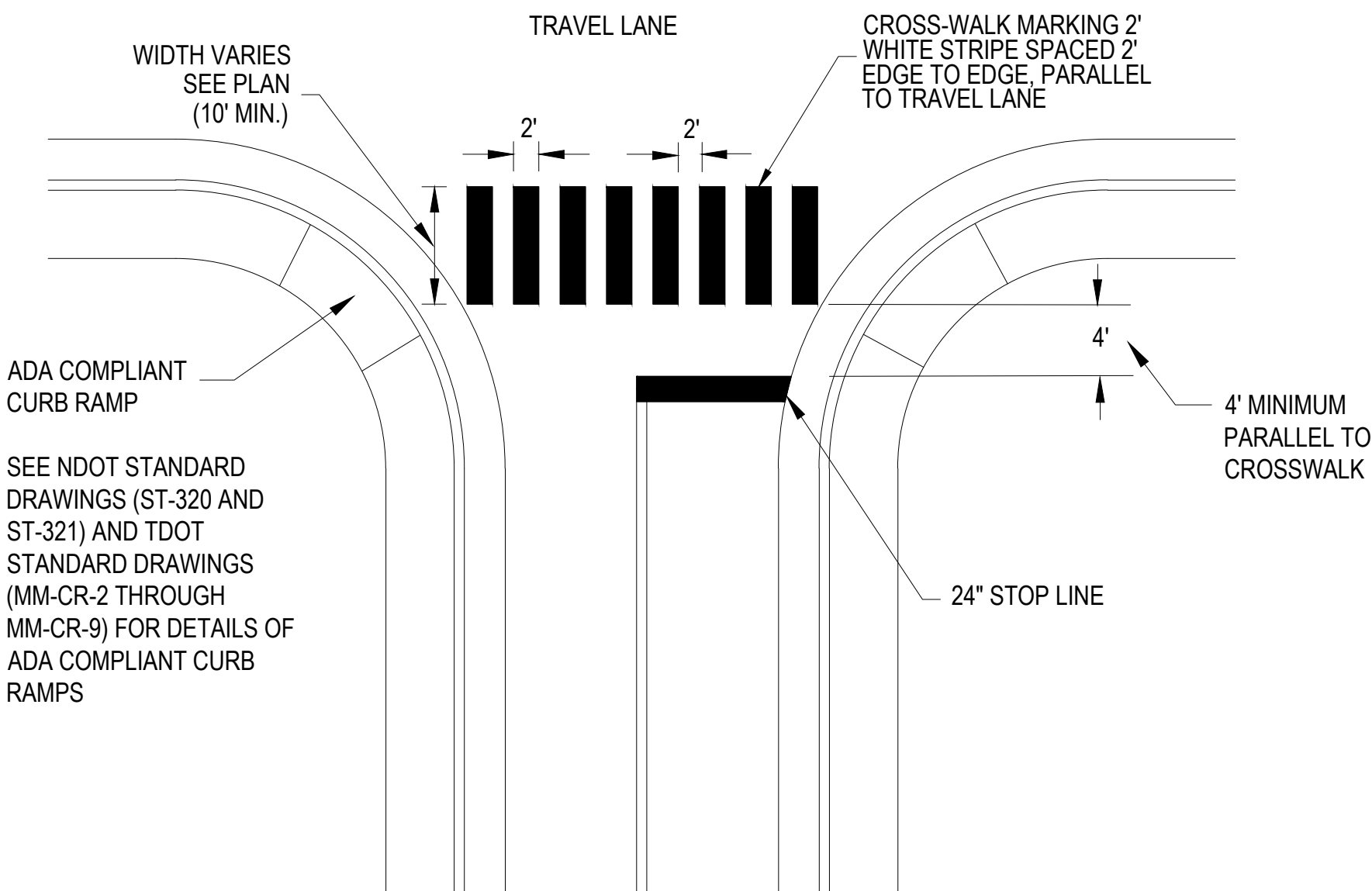


- NOTES:
- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 - DIMENSIONS, MATERIALS, AND ATTACHMENTS MAY VARY BETWEEN MANUFACTURERS.
 - COLOR OF POST SHALL MATCH COLOR OF APPLICABLE EDGE LINE AS NOTED IN PLANS.
 - SUGGESTED MANUFACTURERS INCLUDE: PEXCO DAVIDSON TRAFFIC CONTROL, SUPERIOR TRAFFIC CONTROL OR APPROVED BY METRO REPRESENTATIVE
 - DELINEATORS SHALL BE SPACED AS SHOWN IN THE PLANS
 - CONTRACTOR TO COORDINATE WITH MPW PRIOR TO INSTALLATION.

36" FLEXIBLE DELINEATOR POST DETAIL

NOT TO SCALE

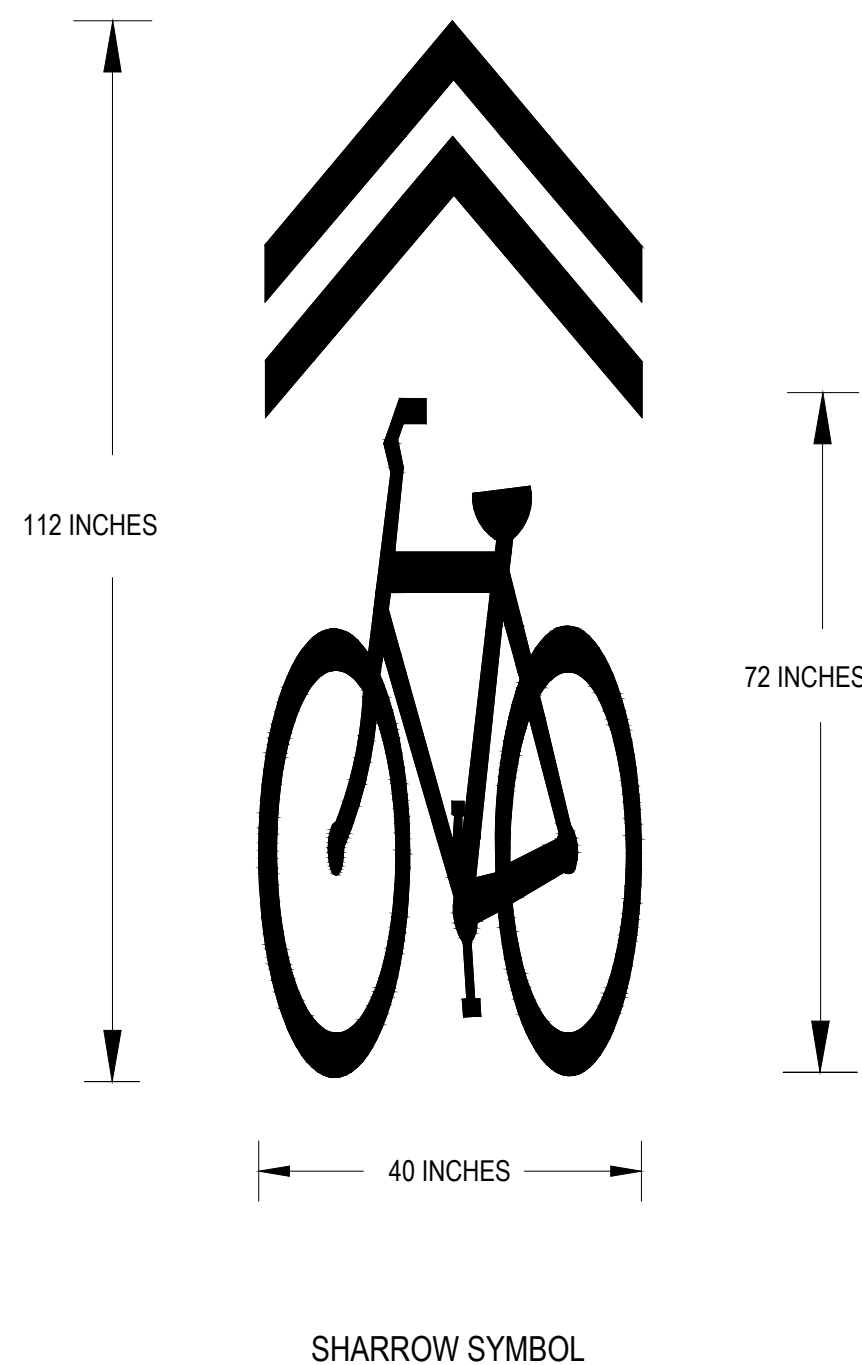
DETAIL NO. 1



TYPICAL STOP LINE PLACEMENT AND CROSSWALK MARKINGS

NOT TO SCALE

DETAIL NO. 2



SHARROW MARKING DETAIL

NOT TO SCALE

DETAIL NO. 3

NOTES:

- REFER TO MUTCD 2023 EDITION PART 9 FIGURE 9E-1 WORD, SYMBOL, AND ARROW PAVEMENT MARKINGS FOR BICYCLE LANES. REDUCED SIZE MARKINGS TO BE USED WHERE REQUIRED IN THE FIELD. REFER TO FIGURE 9E-9 FOR SHARED LANE MARKINGS.
- IF USED IN A SHARED LANE WITH ON-STREET PARALLEL PARKING, SHARED LANE MARKINGS SHOULD BE PLACED SO THAT THE CENTERS OF THE MARKINGS ARE AT LEAST 12 FEET FROM THE FACE OF THE CURB, OR FROM THE EDGE OF THE PAVEMENT WHERE THERE IS NO CURB. (2023 MUTCD, SECTION 9E.09)
- IF USED ON A STREET WITHOUT ON-STREET PARKING THAT HAS AN OUTSIDE TRAVEL LANE THAT IS LESS THAN 14 FEET WIDE, THE CENTERS OF THE SHARED LANE MARKINGS SHOULD BE AT LEAST 4 FEET FROM THE FACE OF THE CURB, OR FROM THE EDGE OF THE PAVEMENT WHERE THERE IS NO CURB. (2023 MUTCD, SECTION 9E.09)

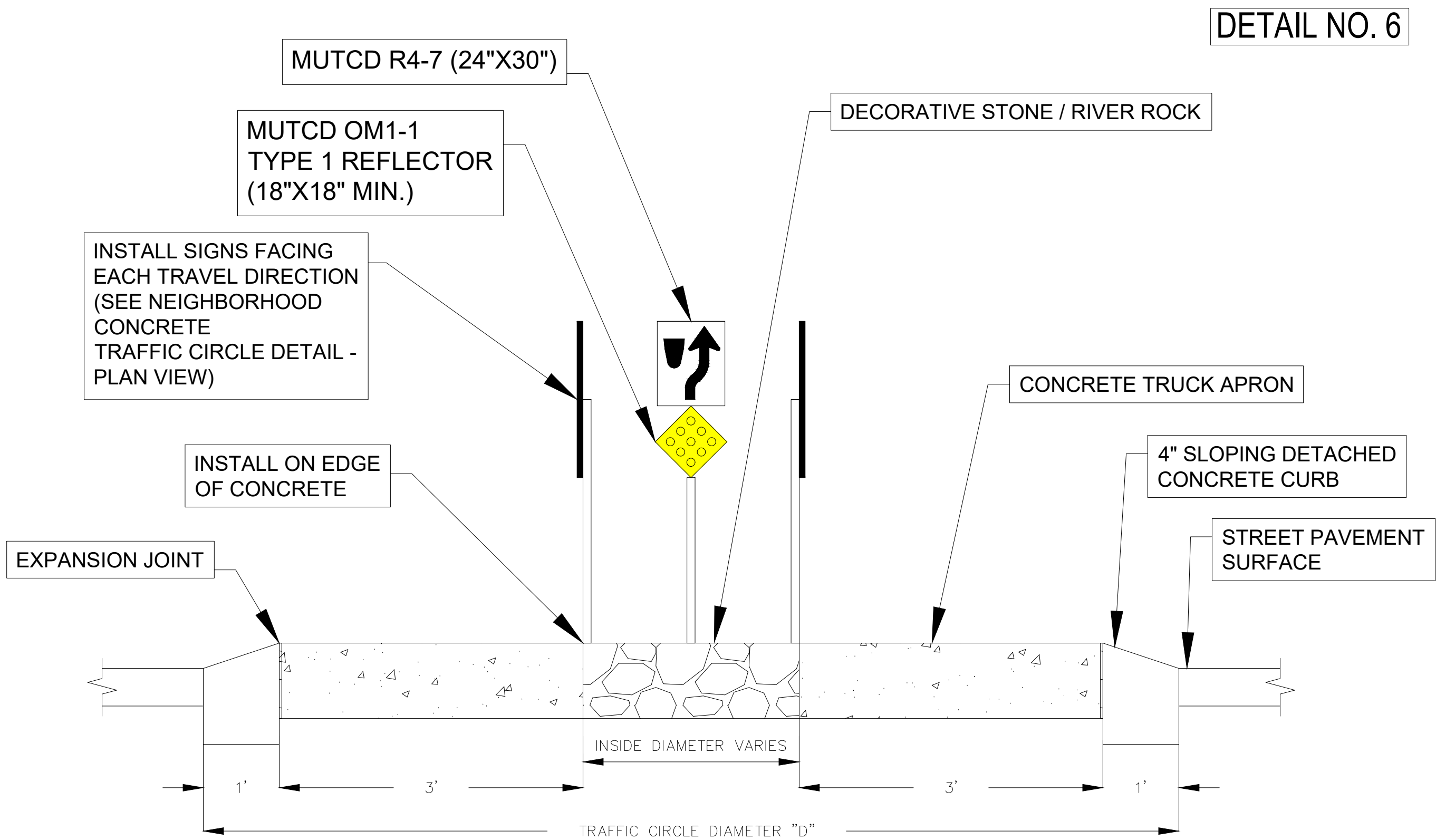


LDA ENGINEERING

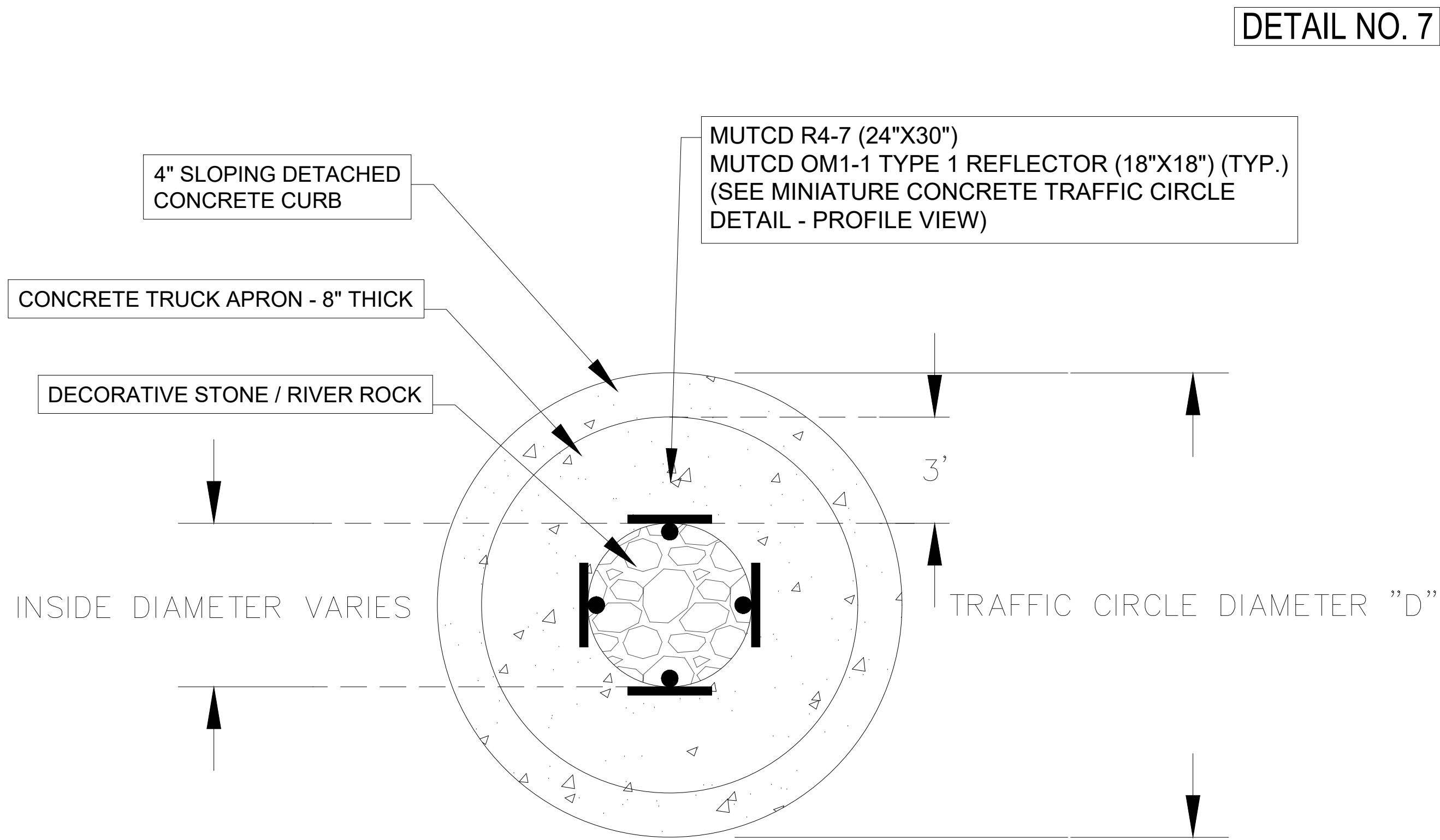
REV	DATE	REVISION DESCRIPTION

METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS

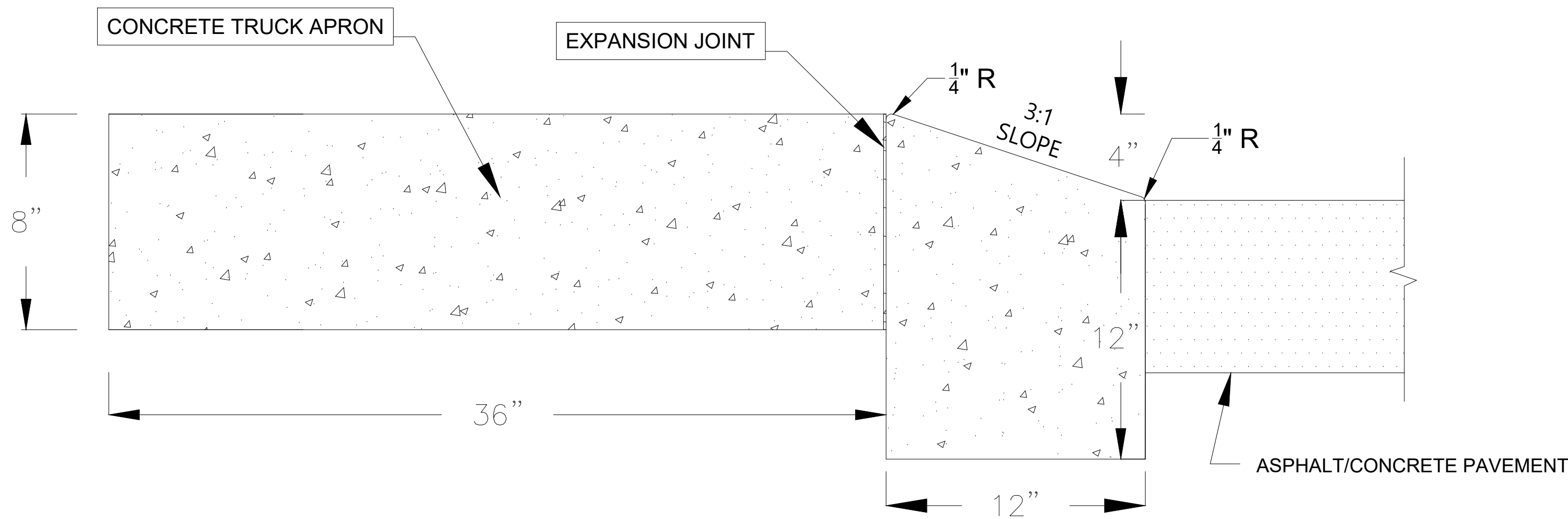
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NEIGHBORHOOD CONCRETE TRAFFIC CIRCLE DETAIL - PROFILE VIEW
N.T.S.



NEIGHBORHOOD CONCRETE TRAFFIC CIRCLE DETAIL - PLAN VIEW
N.T.S.



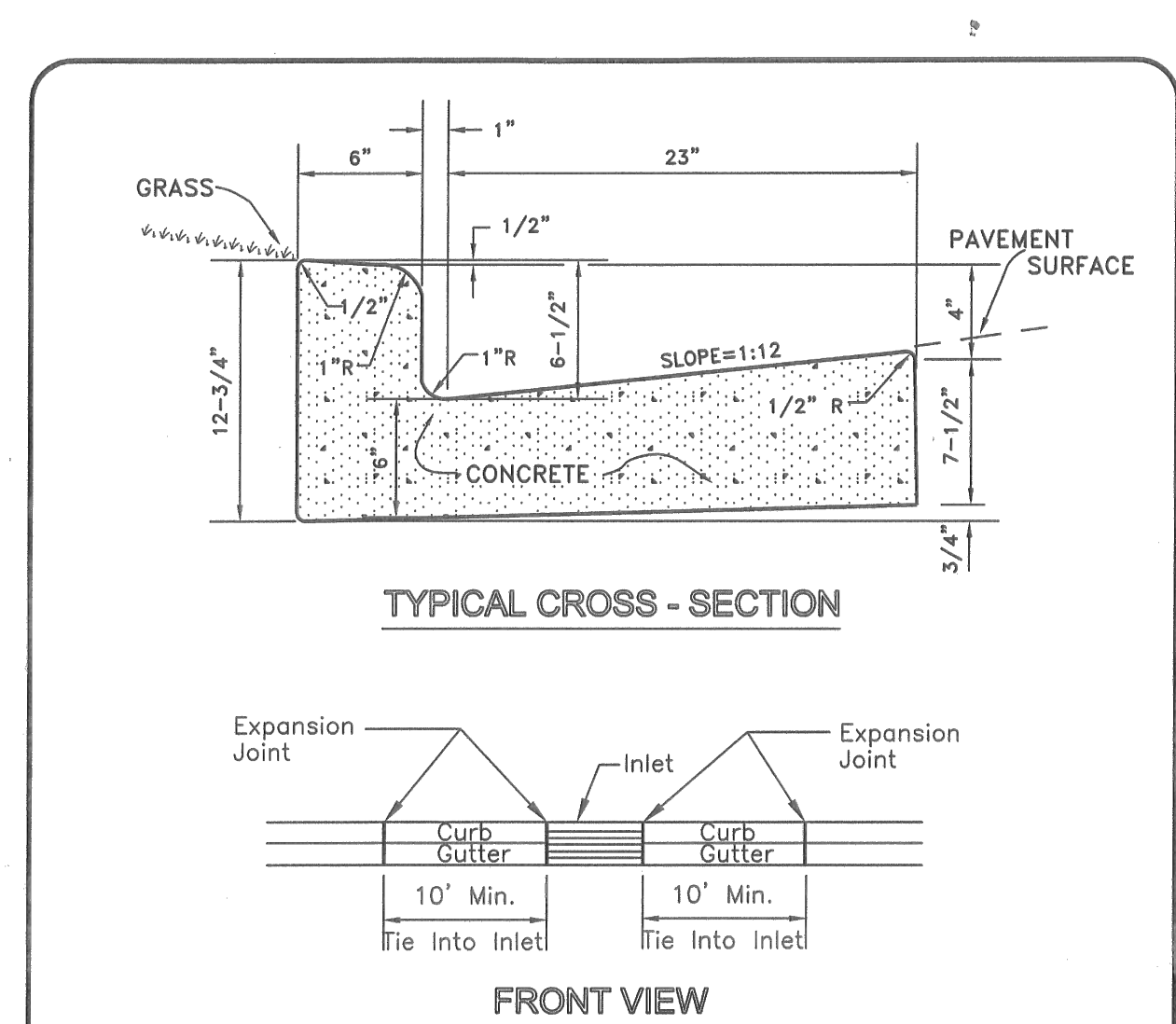
NOTE:
CONCRETE EXPANSION JOINT MATERIAL IS TO BE 1/2" IN THICKNESS AT ALL LOCATIONS. ALL MATERIAL IS TO BE PRE-MOLDED FIBER IN ACCORDANCE WITH THE TENNESSEE DEPARTMENT OF TRANSPORTATION'S SECTION 905 - JOINT MATERIALS OF THE STANDARD SPECIFICATIONS.

EXPANSION JOINTS ARE TO BE PLACED AS FOLLOWS:

1. AT TANGENT POINTS OF CIRCULAR CURBS
2. BETWEEN CURBS AND ABUTTING RIGID OBJECTS.
3. AT OTHER PLACES WHERE STRESSES MAY DEVELOP.
4. TO LINE UP WITH PAVEMENT JOINTS WHERE THE ADJACENT PAVEMENT IS CONCRETE.
5. THE MAXIMUM SPACING IS TO BE 100 FEET.
6. BETWEEN CONCRETE CURBS OR CURB AND GUTTERS AND CONCRETE PAVEMENT. IT IS NOT REQUIRED WHEN CURBS OR CURB AND GUTTERS ARE ADJACENT TO ASPHALT.

4" SLOPING DETACHED CONCRETE CURB DETAIL
(FROM TDOT STANDARD DRAWING RP-SC-1)

N.T.S.



GENERAL NOTES

1. Expansion joints to be spaced a maximum of 100 feet apart or as directed by the Engineer.
2. Expansion joints will also be required at tangent points, ramps, and inlets.
3. Contraction joints are to be cut into curb and gutter every 10 feet to a depth of D/4, where D equals the thickness of the section. The spacing of 10 feet may be reduced at closures but no section of curb and gutter shall be less than 10 feet.
4. There will be a minimum of 10 feet tie in at curb inlets on each side of the inlet. An expansion joint will be used on each side of the tie in.
5. Cost of contraction joints to be included in the unit bid price for concrete curb with gutter.

NOT TO SCALE

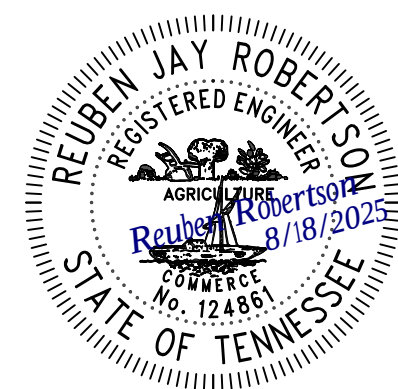
METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DEPARTMENT OF PUBLIC WORKS	STANDARD CURB WITH GUTTER	DWG. NO. ST-200
DIR. OF ENG.: <i>Mark May</i>	DATE: 5/12/03	REVISED: 07/21/00 REVISED: 05/02/03



LDA ENGINEERING

REV	DATE	REVISION DESCRIPTION

METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS

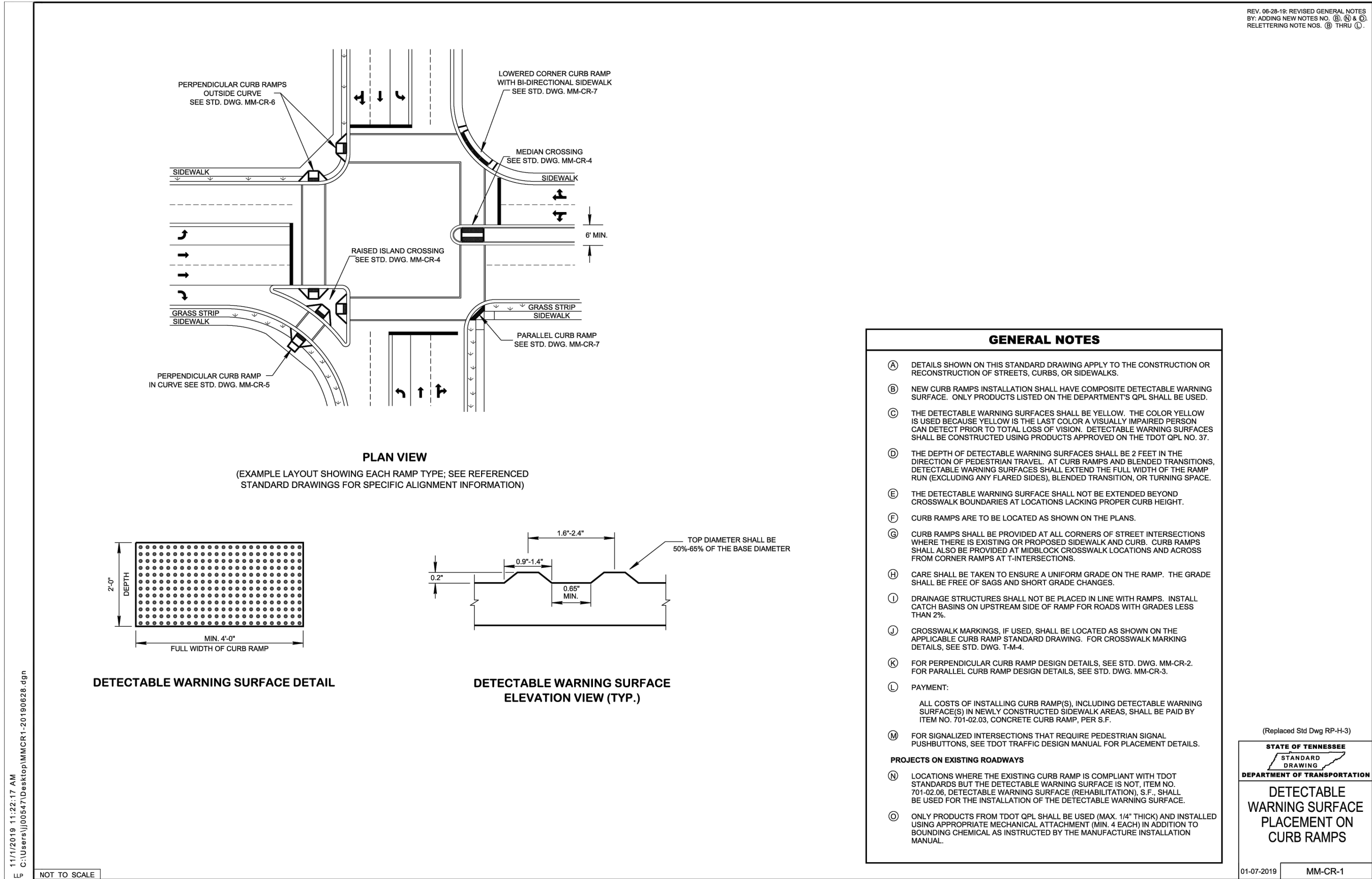


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DATE: 08.18.2025	DESIGNED BY: ZDB
DRAWN BY: JWC/JEP/DMC	

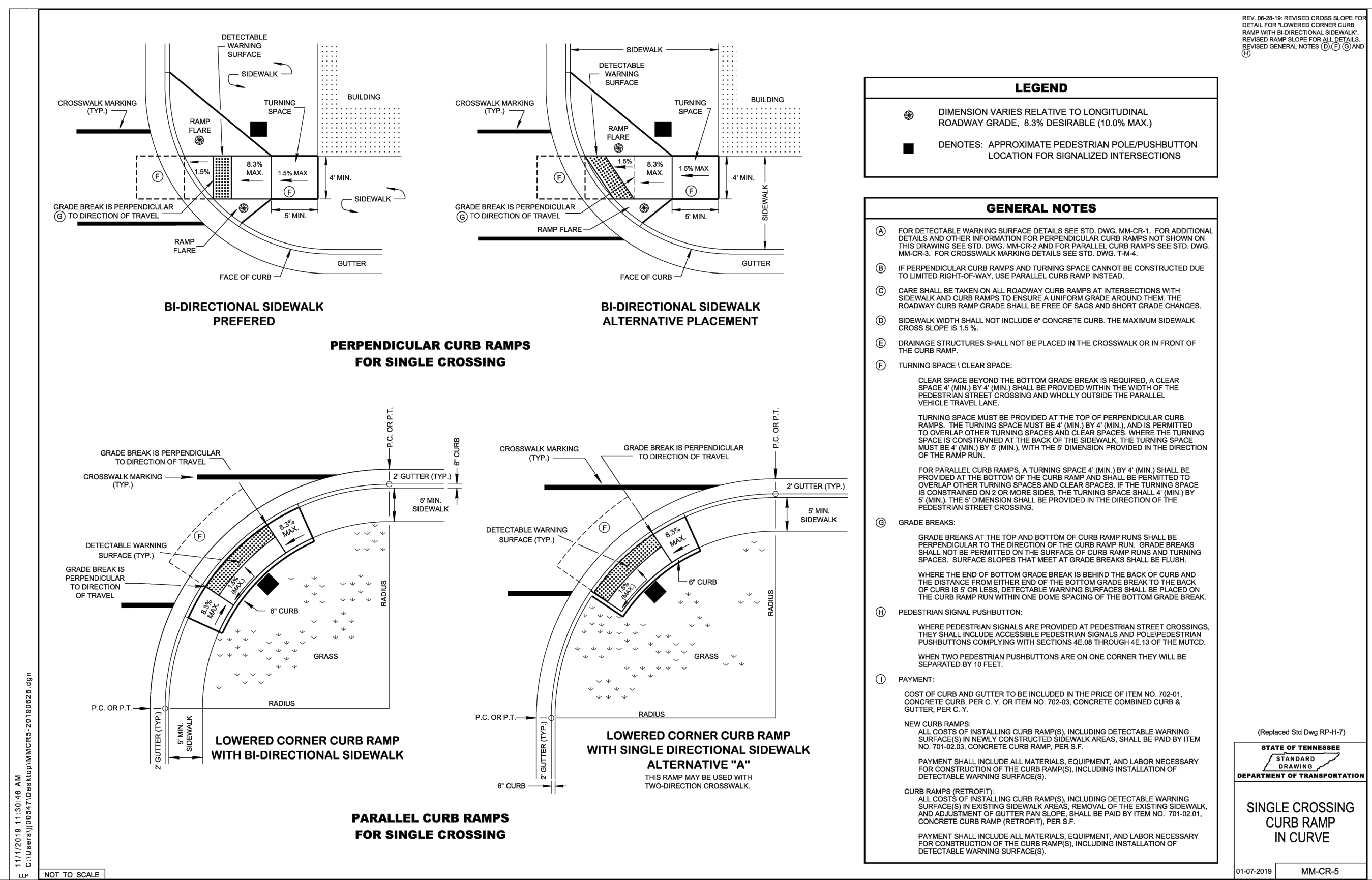
SHEET TITLE:

TYPICAL
DETAILS

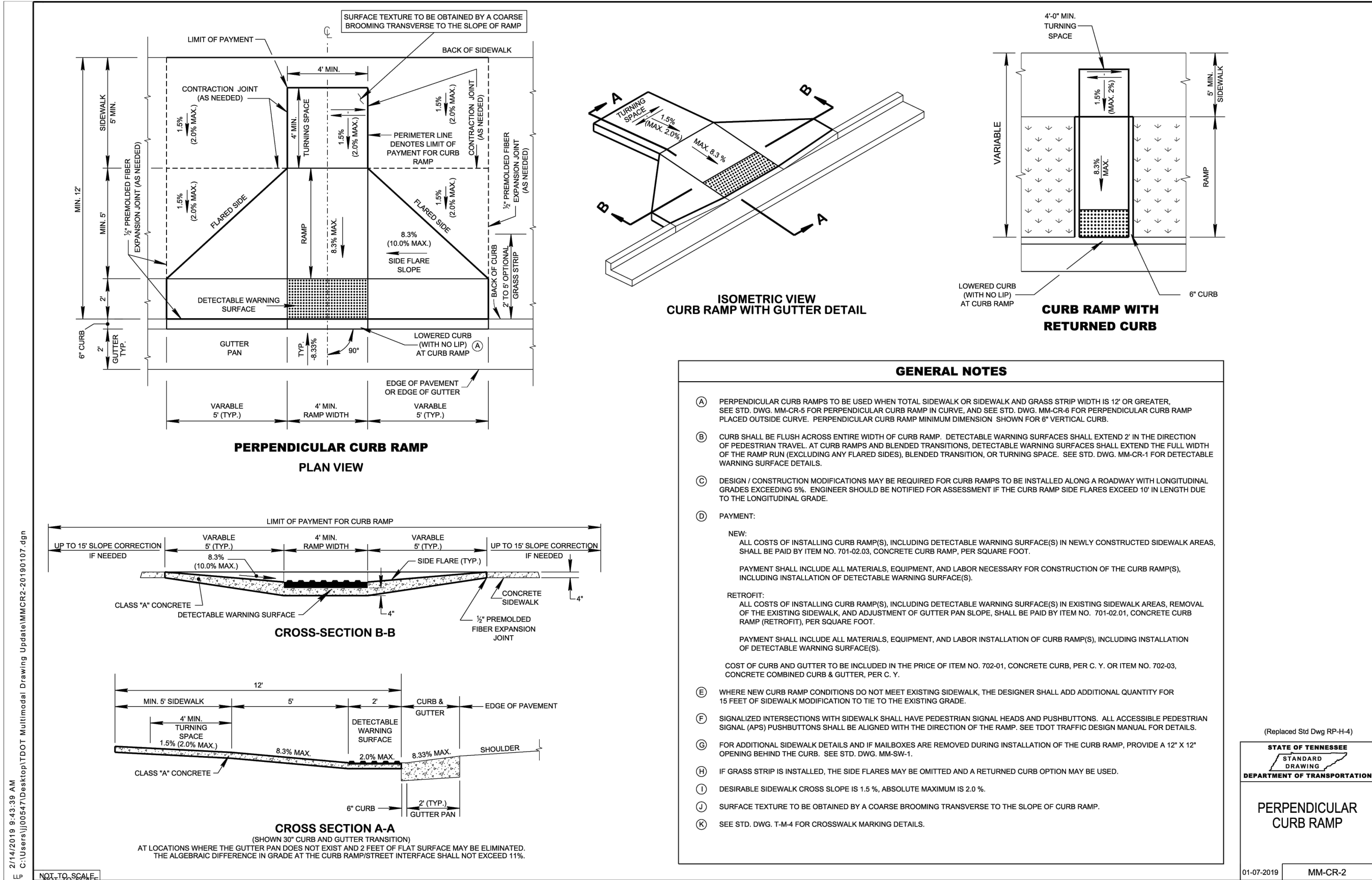
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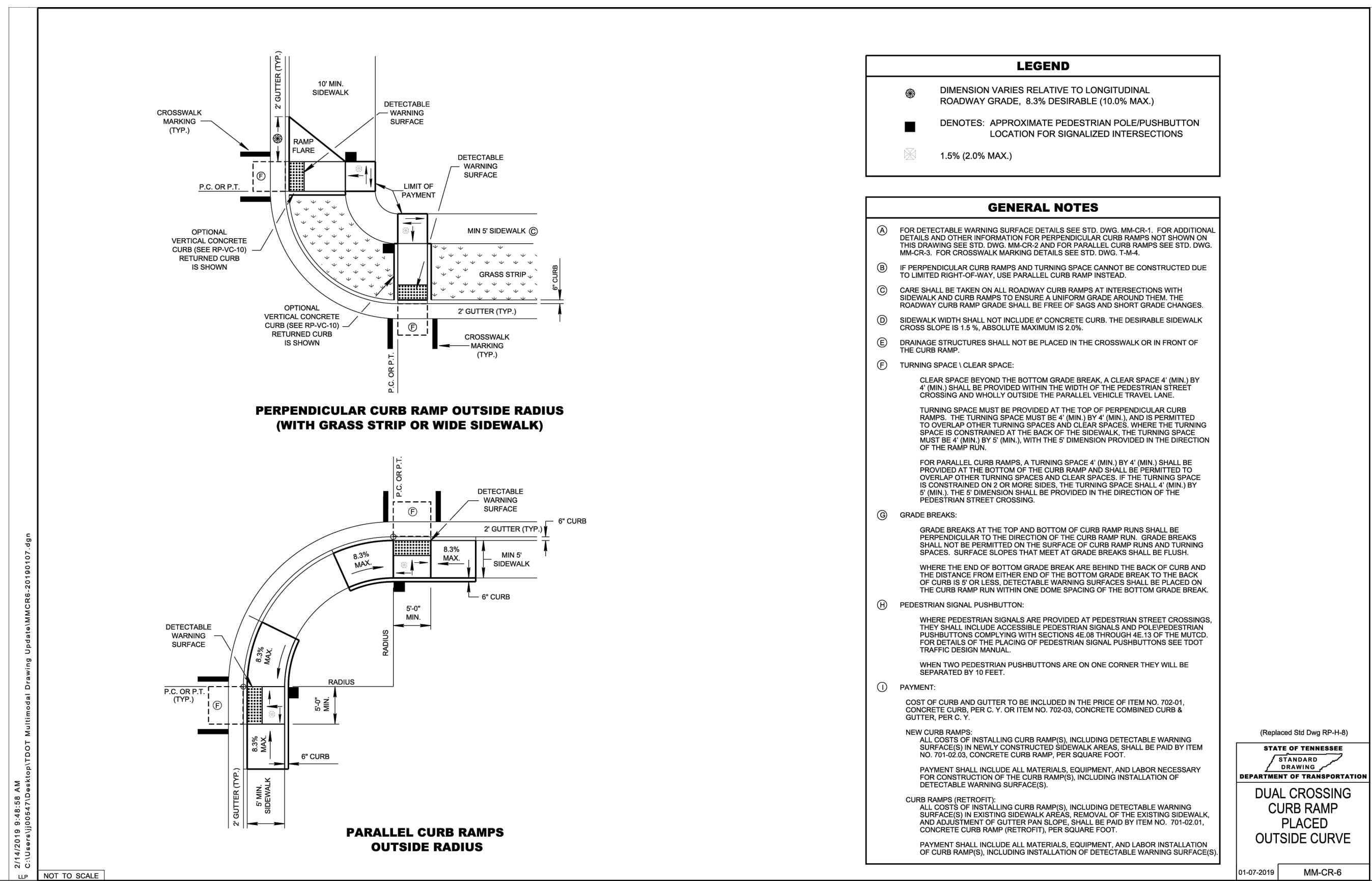
DETAIL NO. 12



DETAIL NO. 11



DETAIL NO. 13



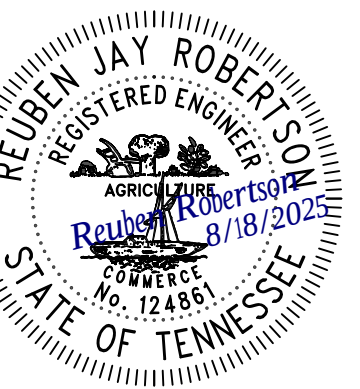
LDA ENGINEERING

REVISION DESCRIPTION

REV

DATE

METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS



PROJECT NUMBER: NDT503

DATE: 08.18.2025

SCALE:

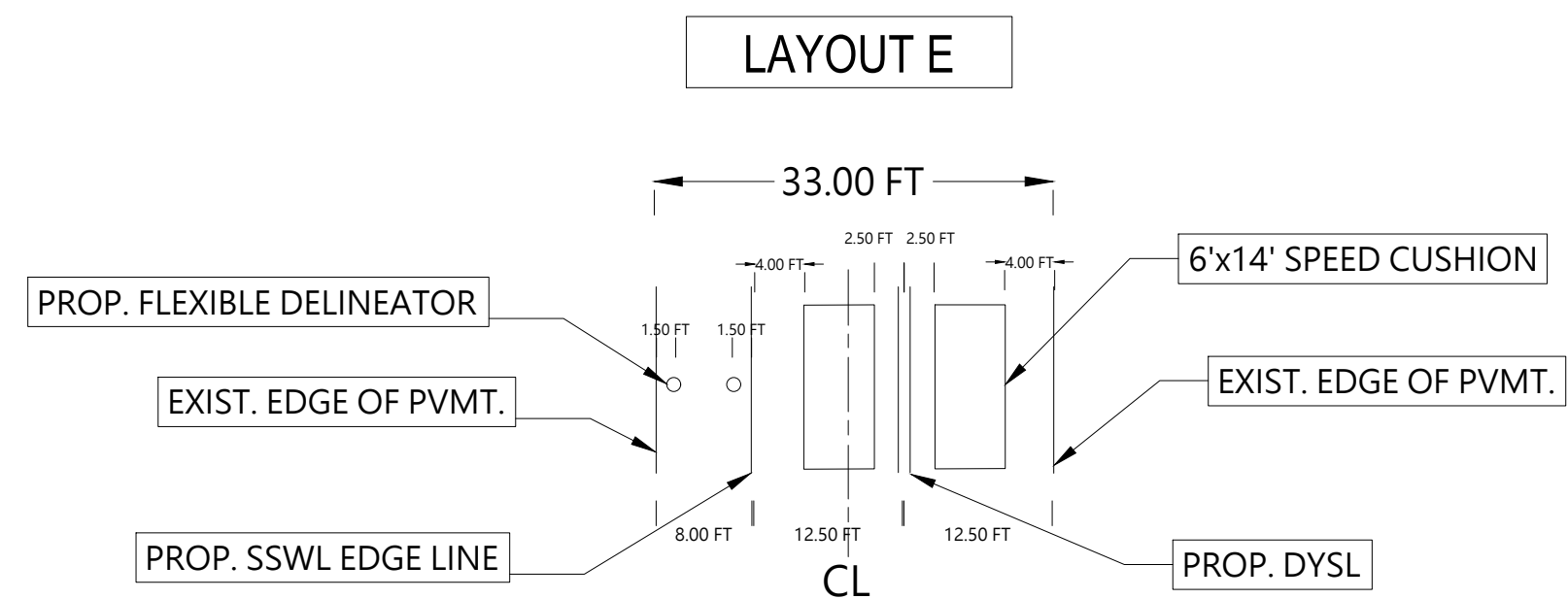
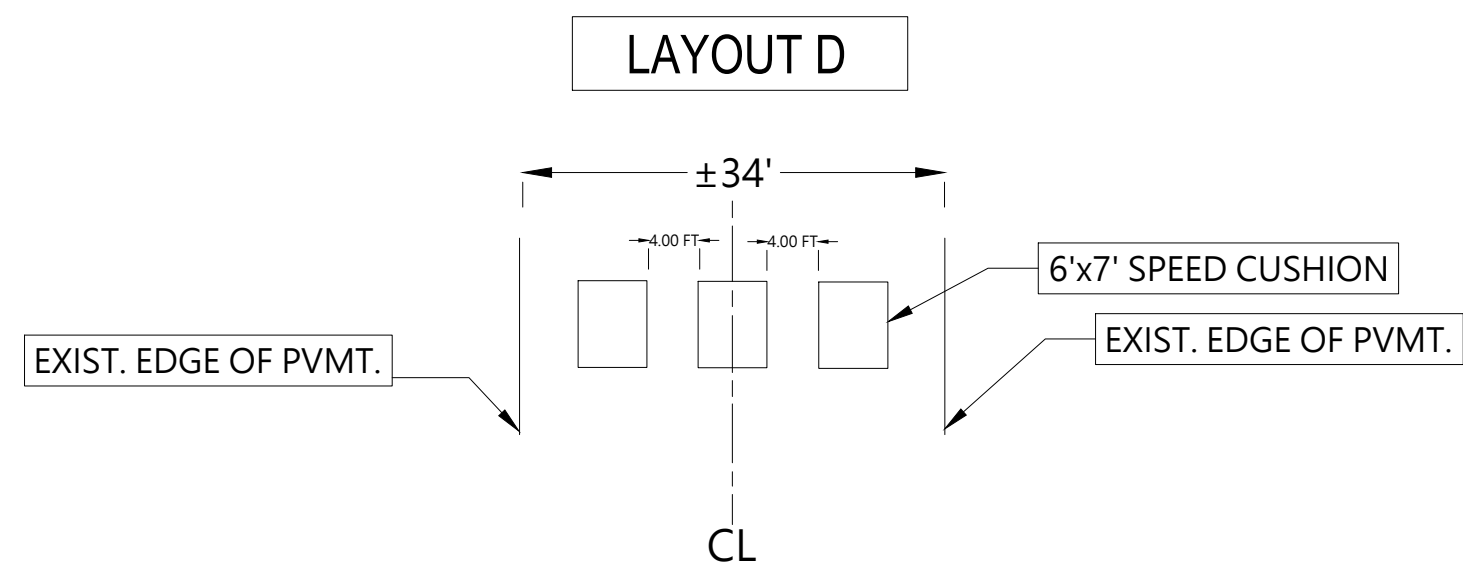
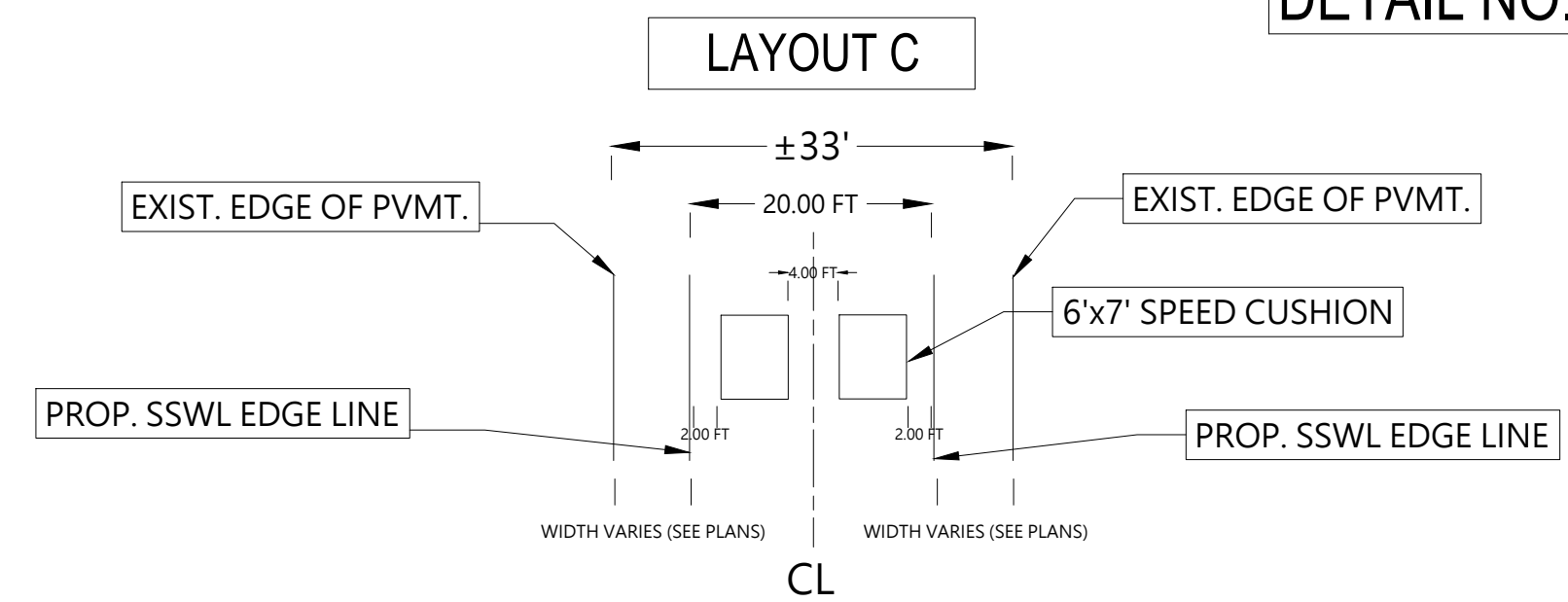
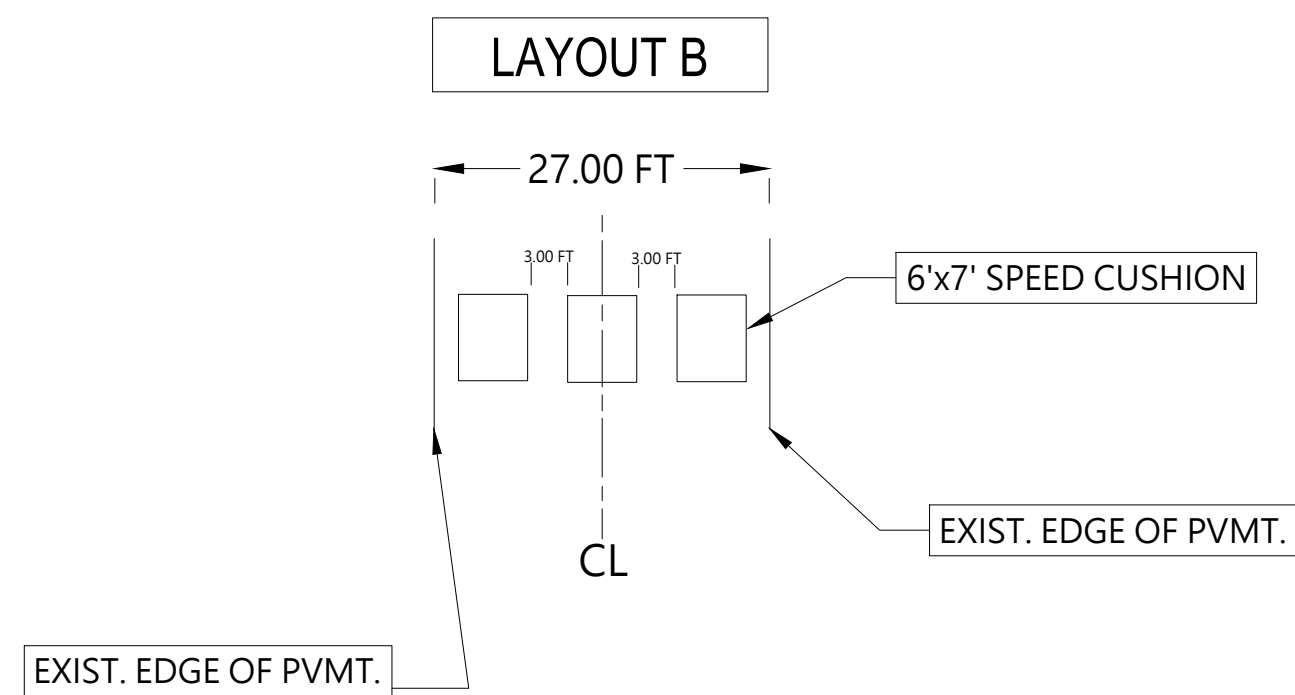
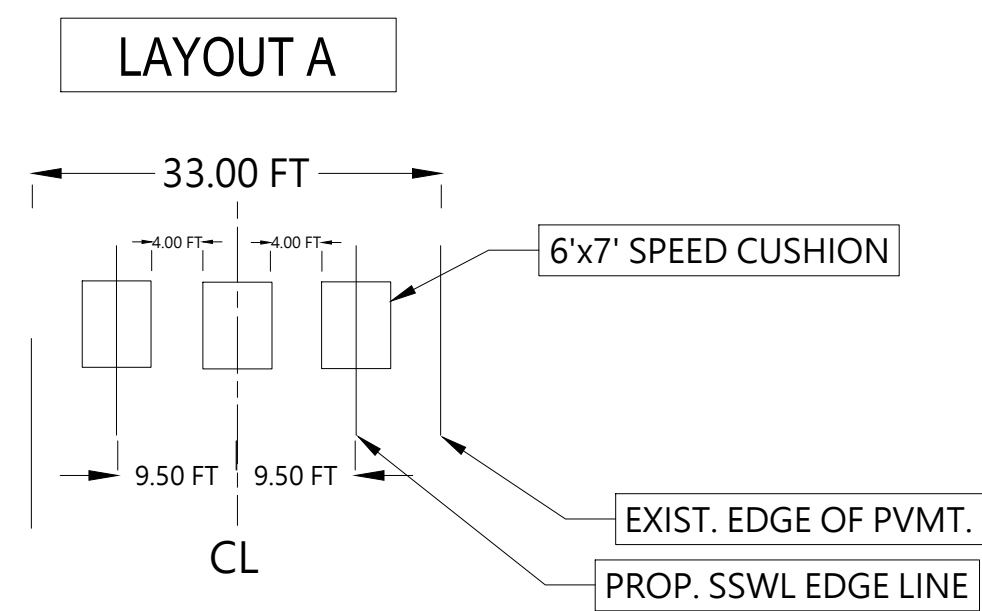
DRAWN BY: JWC/JEP/DMC

DESIGNED BY: ZDB

SHEET TITLE:

TYPICAL
DETAILS

SHEET 4 OF 39



SPEED CUSHION LAYOUT/DETAILS

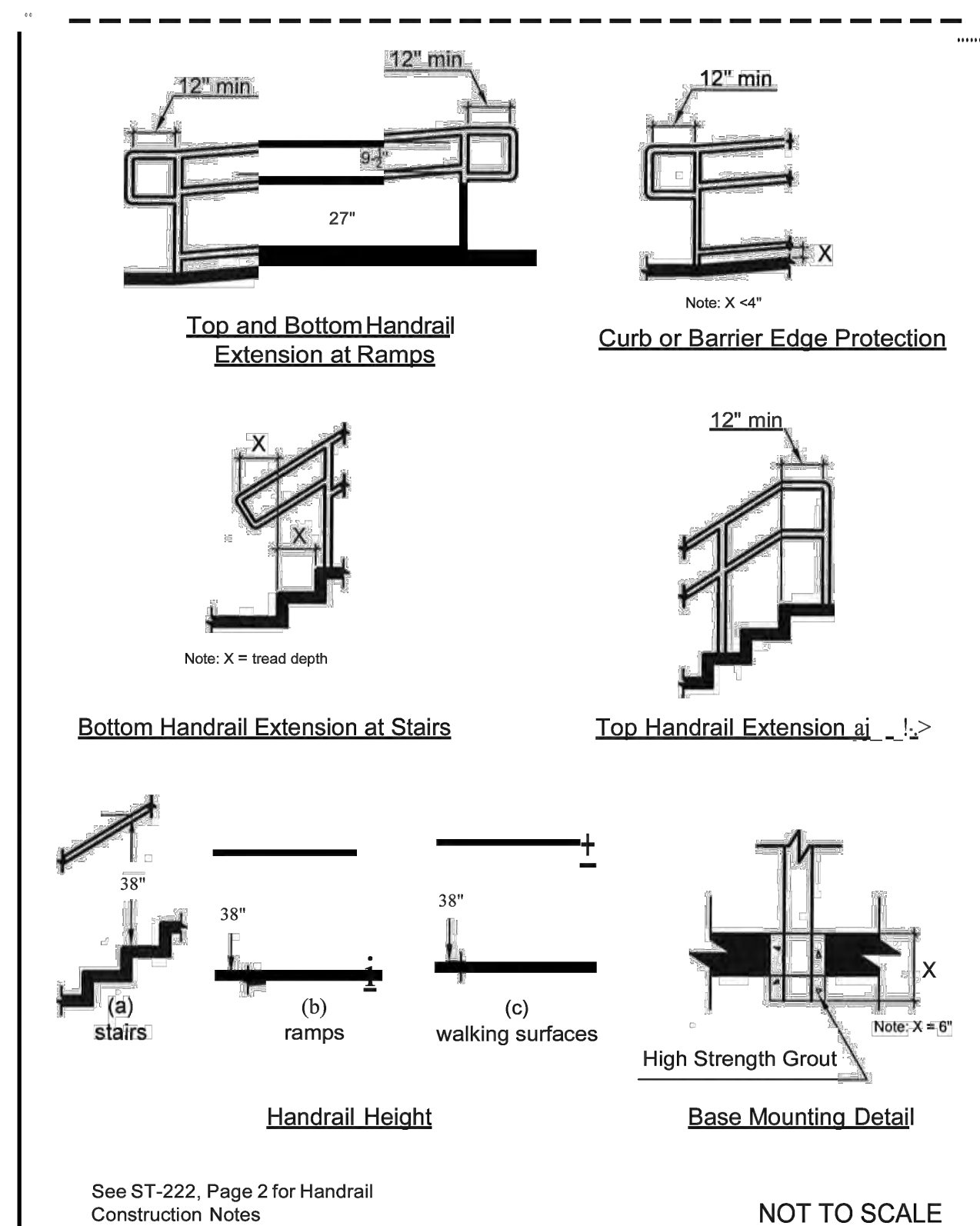
NOT TO SCALE

DETAIL NO. 20

- NOTES:
1. CURB RAMPS SHALL BE PROVIDED TO ALLOW ALL USERS TO MAKE THE TRANSITION IN GRADE FROM THE STREET TO THE SIDEWALK.
 2. CURB RAMPS SHALL BE CONSTRUCTED TO THE DIMENSIONS AND FINISHED ELEVATIONS AS SPECIFIED IN THE PLANS AND/OR CONTRACT DOCUMENTS AND SHALL ALSO CONFORM TO THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT. SURFACE TEXTURE OF THE CURB RAMP SHALL BE STABLE, FIRM, AND SLIP-RESISTANT. THE SURFACE SHALL BE COARSE BROOMED FINISH TRANSVERSE TO THE SLOPE OF THE RAMP. THE RAMP SHALL BE TAKEN TO ASSURE AN UNIFORM GRADE ON THE CURB RAMP. LONGITUDINAL AND TRANSVERSE JOINT MARKINGS SHALL NOT BE ALLOWED ON THE LANDINGS OR RAMPS.
 3. DRAINAGE AND UTILITY STRUCTURES SHALL NOT BE PLACED IN CURB RAMP OR LANDING.
 4. THE GUTTER LINE PROFILE OF THE STREET SHALL BE MAINTAINED THROUGH THE AREA OF THE CURB RAMP.
 5. THE FURNISHING ZONE BUFFERS PEDESTRIANS FROM THE ADJACENT ROADWAY, AND IS ALSO THE AREA WHERE ELEMENTS OF STREET TREES, SIGNAL POLES, UTILITY POLES, STREET LIGHTS, CONTROLLER BOXES, HYDRANTS, SIGNS, PARKING METERS, DRIVEWAY APRONS, GRATES, HATCH COVERS, AND STREET FURNITURE ARE PROPERLY LOCATED.

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY DEPARTMENT OF PUBLIC WORKS		STANDARD CURB RAMP NOTES	DWG. NO. ST-215
ASST. DIR. ENG.: <i>Mark May</i>		DATE: <i>11/21/00</i>	REVISED: 11/10/00
DIRECTOR: <i>Kenneth D. G.</i>		DATE: <i>11-20-00</i>	

DETAIL NO. 21



NOT TO SCALE

Handrail Notes:

1. Handrail system shall provide a smooth and continuous gripping surface. Handrail gripping surfaces and adjacent surfaces shall be free of sharp or abrasive elements and shall have rounded edges.
2. The handrail system shall conform to the Access-Board publication: [Americans with Disabilities Act and Architectural Barriers Act Accessibility Guidelines, Latest Edition](#)
3. Aluminum Pipe for Rails and Posts
The handrail system shall be constructed from extruded aluminum pipe ASTM B429, ASTM B241, or 6063-T6 aluminum alloy; finish to be selected prior to fabrication.
Coating Required: Rebar embedded in concrete, aluminum posts must be protected with bituminous or asphalt base paint or other inert or insulating coatings as approved by the Department of Public Works.
Nominal pipe diameter- 1" Schedule 40, outside diameter 1.90", wall thickness 0.145
4. Steel Pipe for Rails and Posts
The handrail system shall be constructed from Grade 304 stainless steel.
Nominal pipe diameter-1" Schedule 40S, outside diameter 1.90", wall thickness 0.145"
5. Weld all joints in conformance with AWS. All welds shall be ground smooth and brushed to match rail finish.

NOT TO SCALE

METROPOLITAN GOVERNMENT OF ASHVILLE AND DAVIDSON COUNTY DEPARTMENT OF PUBLIC WORKS	Standard Pipe Handrail Notes	DWG. NO. ST-222 PAGE 2 OF 2
DIR. OF ENG.:		REVISIONS: REVISIONS: REVISIONS:
DATE: 4/8/19		



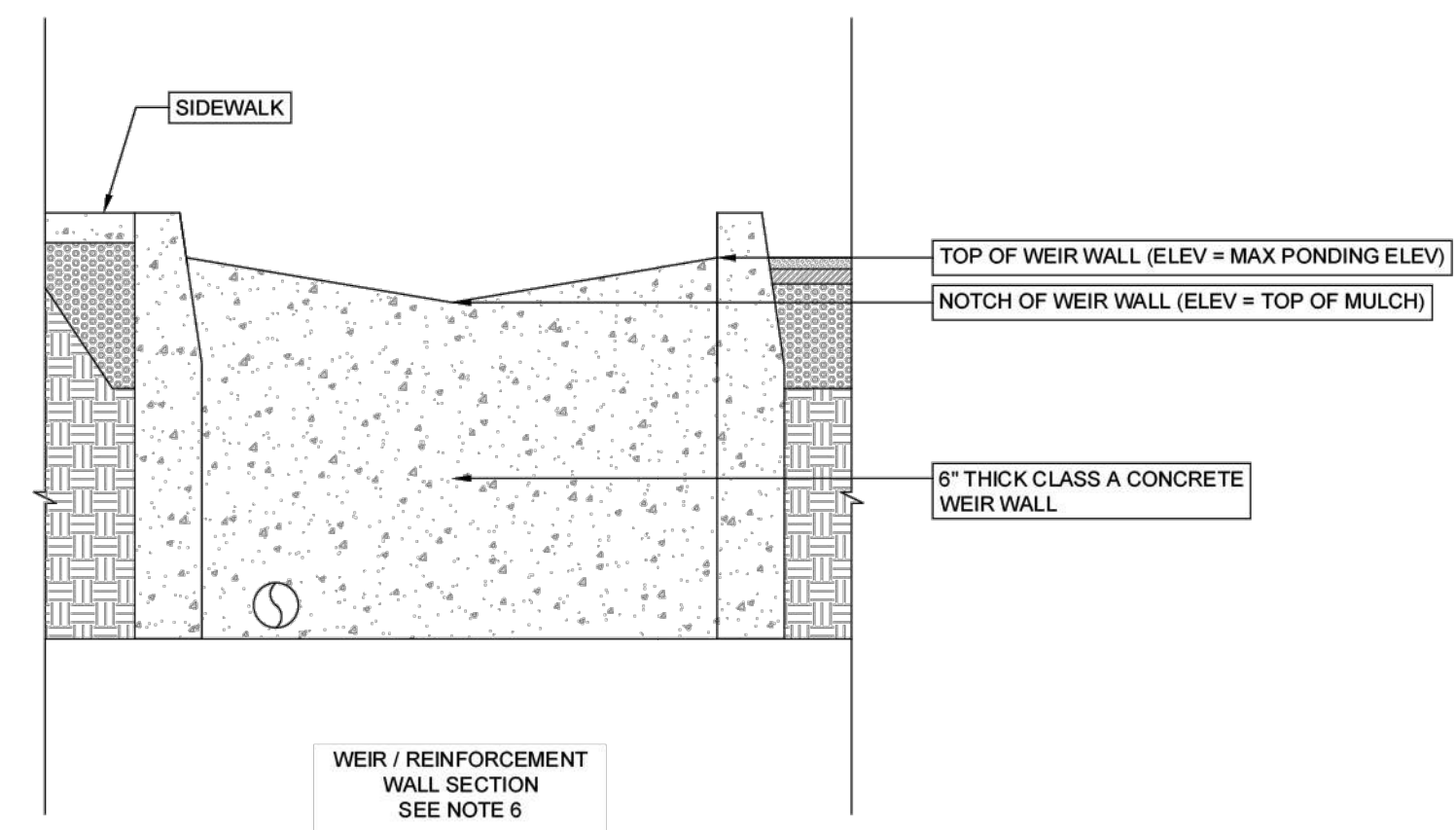
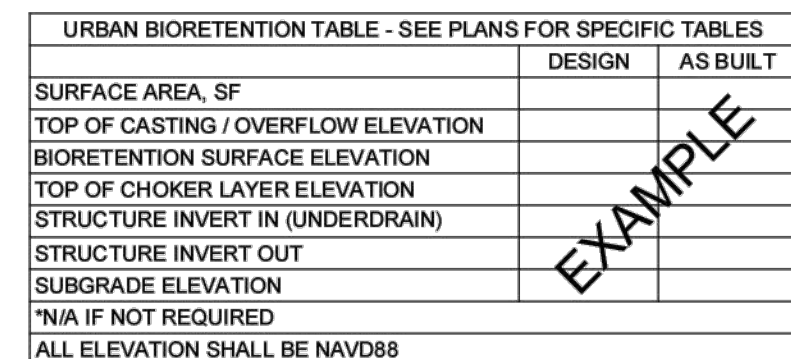
LDA ENGINEERING

**METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS**

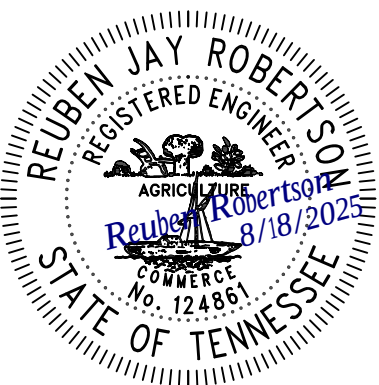
PROJECT NUMBER: NDT503	
DATE: 08.18.2025	SCALE:
DRAWN BY: JWC/JEP/DMC	DESIGNED BY: ZDB
SHEET TITLE:	

TYPICAL DETAILS

SHEET 6 OF 39



NOT TO SCALE



TYPICAL URBAN BIORETENTION DETAIL

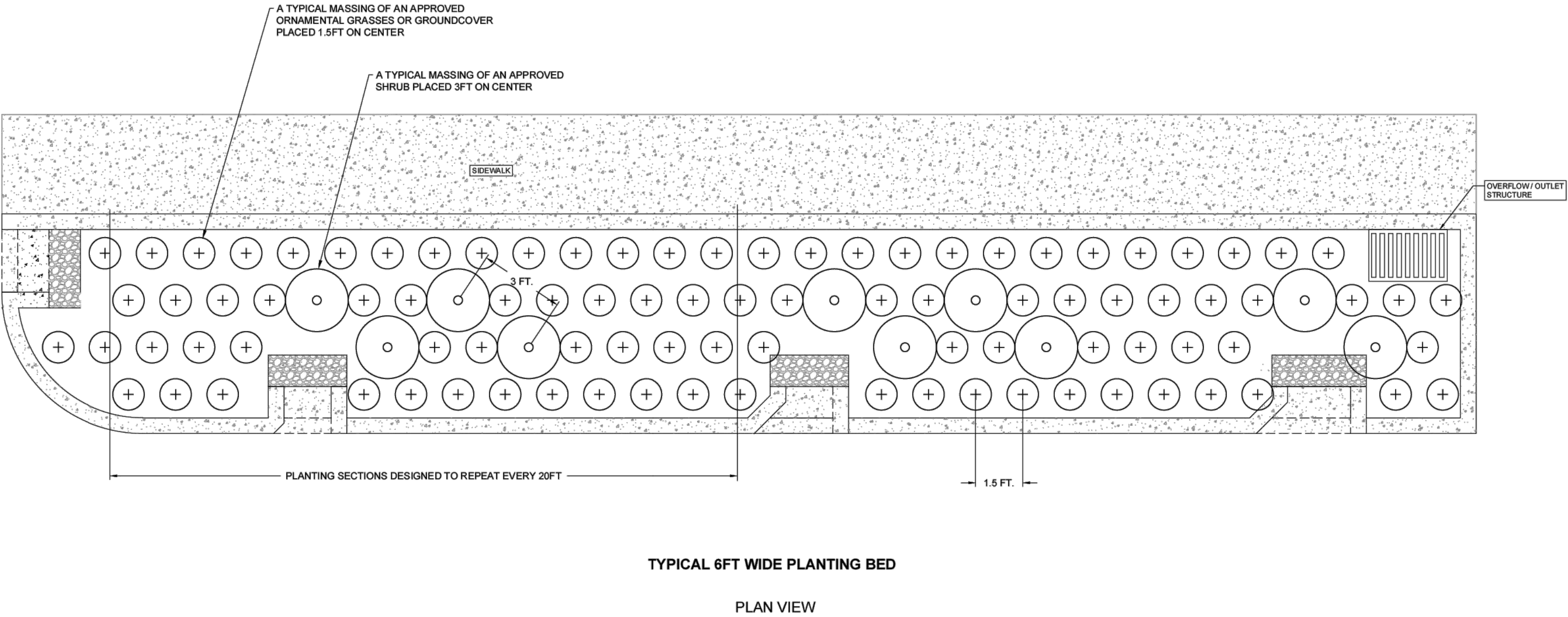
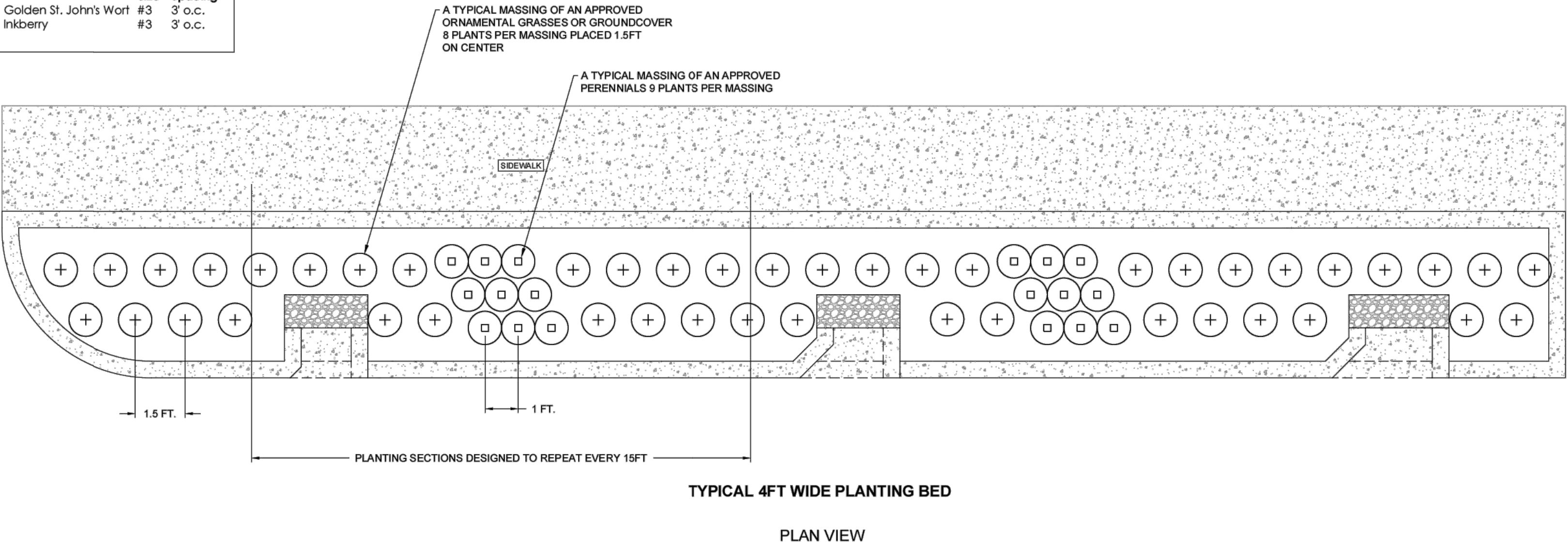
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APPROVED PLANT LIST

GRASS AND GROUNDCOVER			
Scientific Name	Common Name	Size	Spacing
Equisetum hyemale	Horsetail	#1	1.5' o.c.
Juncus effesus	Soft Rush	#1	1.5' o.c.
Juniperus horizontalis	Creeping Juniper	#1	1.5' o.c.
Panicum virgatum	Switchgrass	#1	1.5' o.c.
Rhus aromatica	Fragrant Sumac	#1	1.5' o.c.
Schizachyrium scoparium	Little Blue Stem	#1	1.5' o.c.
Sporobolus heterolepis	Prairie Dropseed	#1	1.5' o.c.

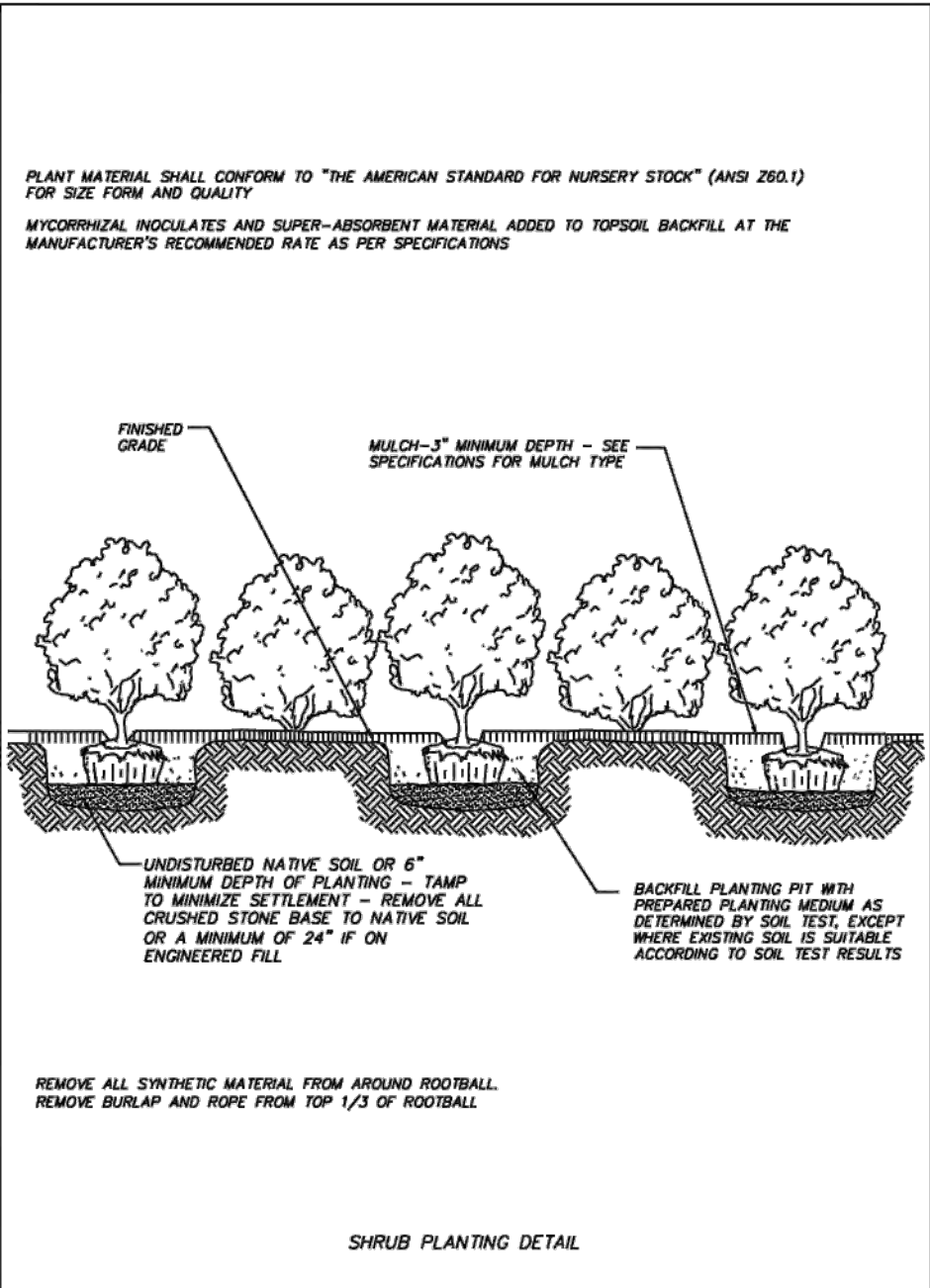
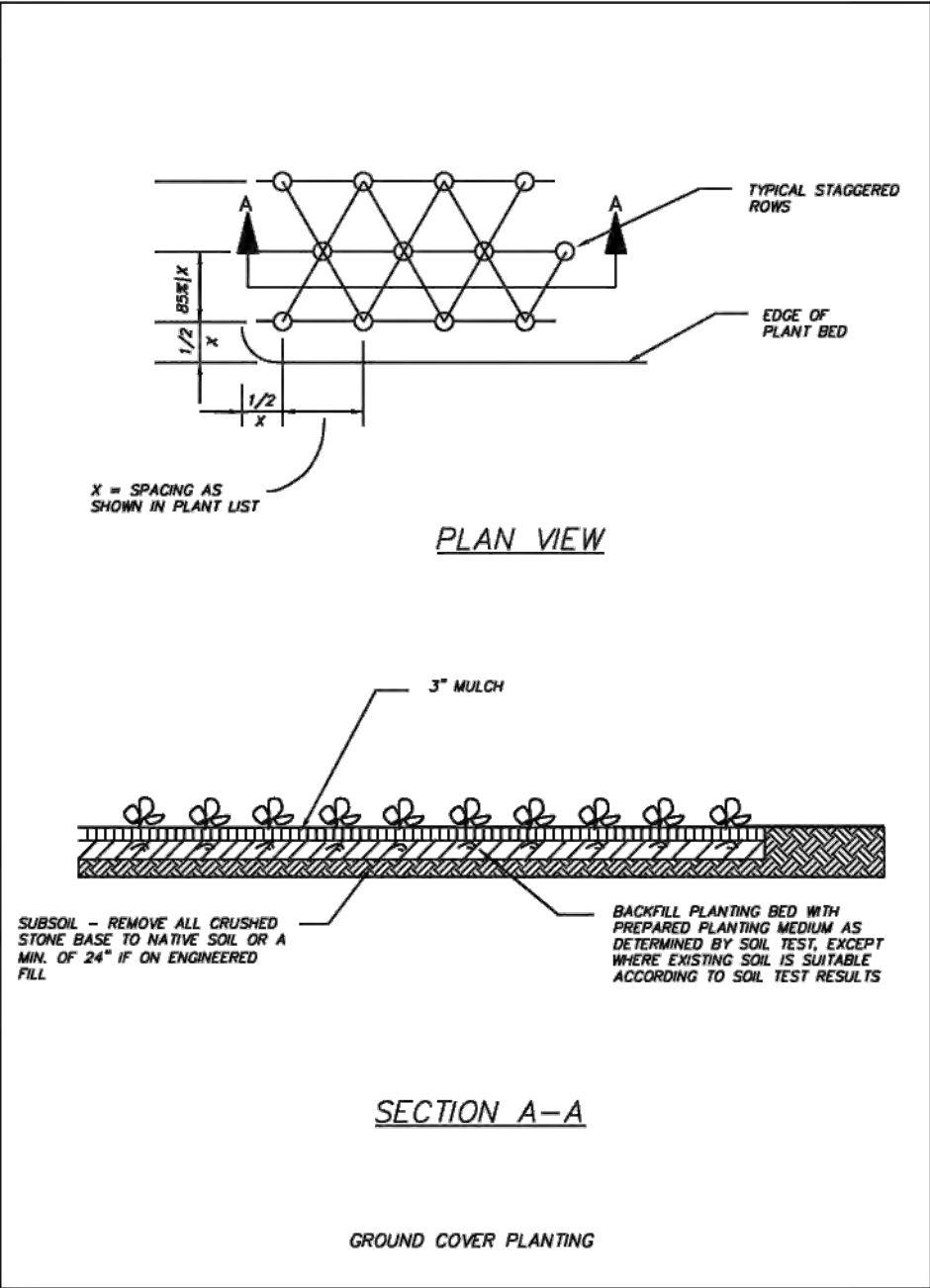
PERENNIALS			
Scientific Name	Common Name	Size	Spacing
Asclepias tuberosa	Butterfly Milkweed	#1	1' o.c.
Aster novae-angliae	New England Aster	#1	1' o.c.
Echinacea purpurea	Purple Coneflower	#1	1' o.c.
Liatris spicata	Dense Blazingstar	#1	1' o.c.
Monarda fistulosa	Wild Bergamont	#1	1' o.c.
Rudbeckia hirta	Black-eyed Susan	#1	1' o.c.
Athyrium filix-femina	Lady Fern	#1	1' o.c.
Asarum canadense	Wild Ginger	#1	1' o.c.
Coreopsis major	Tickseed Coreopsis	#1	1' o.c.
Geranium maculatum	Wild Geranium	#1	1' o.c.
Merensia virginica	Wild Bluebells	#1	1' o.c.
Phlox divaricata	Blue Phlox	#1	1' o.c.

SHRUBS			
Scientific Name	Common Name	Size	Spacing
Hypericum frondosum	Golden St. John's Wort	#3	3' o.c.
Ilex glabra	Inkberry	#3	3' o.c.



2025.05.01 - VERSION 1
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DETAIL NO. 23



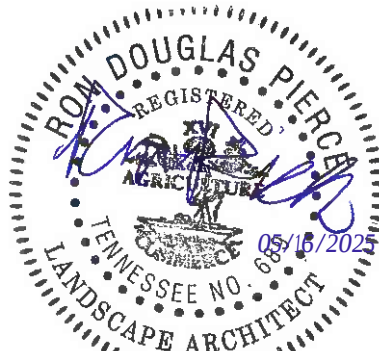
LDA ENGINEERING



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DRAWN BY:	JWC/JEP/DMC
DESIGNED BY:	RP

SHEET TITLE:
LANDSCAPE
DETAIL FOR
BIORETENTION
AREAS

SHEET 8 OF 39

URBAN BIORETENTION AREA DETAILS

NOT TO SCALE

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URBAN BIORETENTION AREA 1		
	DESIGN	AS BUILT
SURFACE AREA, SF	538.00	
TOP OF CASTING / OVERFLOW ELEVATION	427.61	
MAX PONDING DEPTH, FT	0.50	
BIORETENTION SURFACE ELEVATION	427.36	
TOP OF CHOKER LAYER ELEVATION	425.76	
STRUCTURE INVERT IN (UNDERDRAIN)	424.76	
STRUCTURE INVERT OUT	424.51	
SUBGRADE ELEVATION	424.76	
*N/A IF NOT REQUIRED		
ALL ELEVATION SHALL BE NAVD88		

URBAN BIORETENTION AREA 2		
	DESIGN	AS BUILT
SURFACE AREA, SF	158.00	
TOP OF CASTING / OVERFLOW ELEVATION	425.55	
MAX PONDING DEPTH, FT	0.50	
BIORETENTION SURFACE ELEVATION	425.30	
TOP OF CHOKER LAYER ELEVATION	422.85	
STRUCTURE INVERT IN (UNDERDRAIN)	421.85	
STRUCTURE INVERT OUT	421.60	
SUBGRADE ELEVATION	421.85	
*N/A IF NOT REQUIRED		
ALL ELEVATION SHALL BE NAVD88		

URBAN BIORETENTION AREA 3		
	DESIGN	AS BUILT
SURFACE AREA, SF	1271.00	
TOP OF CASTING / OVERFLOW ELEVATION	427.61	
MAX PONDING DEPTH, FT	0.50	
BIORETENTION SURFACE ELEVATION	427.36	
TOP OF CHOKER LAYER ELEVATION	425.44	
STRUCTURE INVERT IN (UNDERDRAIN)	424.44	
STRUCTURE INVERT OUT	424.19	
SUBGRADE ELEVATION	424.44	
*N/A IF NOT REQUIRED		
ALL ELEVATION SHALL BE NAVD88		

URBAN BIORETENTION AREA 4		
	DESIGN	AS BUILT
SURFACE AREA, SF	690.00	
TOP OF CASTING / OVERFLOW ELEVATION	434.61	
MAX PONDING DEPTH, FT	0.50	
BIORETENTION SURFACE ELEVATION	434.36	
TOP OF CHOKER LAYER ELEVATION	432.78	
STRUCTURE INVERT IN (UNDERDRAIN)	431.78	
STRUCTURE INVERT OUT	431.53	
SUBGRADE ELEVATION	431.78	
*N/A IF NOT REQUIRED		
ALL ELEVATION SHALL BE NAVD88		

URBAN BIORETENTION AREA 5		
	DESIGN	AS BUILT
SURFACE AREA, SF	612.00	
TOP OF CASTING / OVERFLOW ELEVATION	435.03	
MAX PONDING DEPTH, FT	0.50	
BIORETENTION SURFACE ELEVATION	434.78	
TOP OF CHOKER LAYER ELEVATION	432.58	
STRUCTURE INVERT IN (UNDERDRAIN)	431.58	
STRUCTURE INVERT OUT	431.33	
SUBGRADE ELEVATION	431.58	
*N/A IF NOT REQUIRED		
ALL ELEVATION SHALL BE NAVD88		

URBAN BIORETENTION AREA 6		
	DESIGN	AS BUILT
SURFACE AREA, SF	585.00	
TOP OF CASTING / OVERFLOW ELEVATION	456.05	
MAX PONDING DEPTH, FT	0.50	
BIORETENTION SURFACE ELEVATION	455.80	
TOP OF CHOKER LAYER ELEVATION	452.98	
STRUCTURE INVERT IN (UNDERDRAIN)	451.98	
STRUCTURE INVERT OUT	451.73	
SUBGRADE ELEVATION	451.98	
*N/A IF NOT REQUIRED		
ALL ELEVATION SHALL BE NAVD88		

STORMWATER

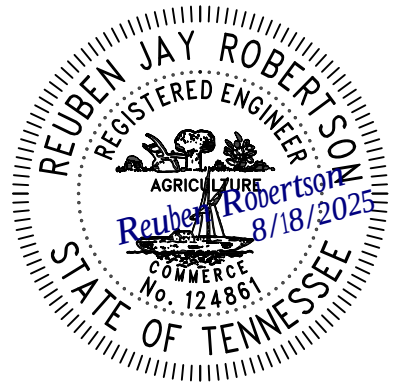
In accordance with the Metro Stormwater Management Manual, Volume 1, Section 3.9, As-Built Certifications, MWS Stormwater Division must approve the following as-builts prior to issuance of the Use & Occupancy

Permit:

- A certification letter from TN registered P.E. stating that the site has been inspected and that the stormwater management system and stormwater control measures (both structural and non-structural) are complete and functional in accordance with the plans approved by MWS.
- An as-built LID spreadsheet.
- Hydrologic and hydraulic calculations for as-built conditions, as required.
- As-built drawings showing final topographic features of all these facilities. This shall include invert elevations of outlet control structures.
- Any deviations from the approved plans shall be noted on as-built drawings submitted.
- Copy of as-built plan CAD file on a CD and should be registered to the TN State Plane Coordinate System, North American Datum 1983 (NAD83) . Data should be placed in separate layers and should be labeled / named for easy identification.
- Cut and fill balance certification for floodplain and sinkhole alterations.
- Water quality buffers shall be surveyed and included with the asbuilt submittal.
- Any public (to become the responsibility of Metro to maintain) stormwater infrastructure shall be video-inspected to verify proper installation with the video recording and any associated inspection report submitted as part of as-built record.
- Additional testing may be required as/if warranted by video inspection.

[illegible]

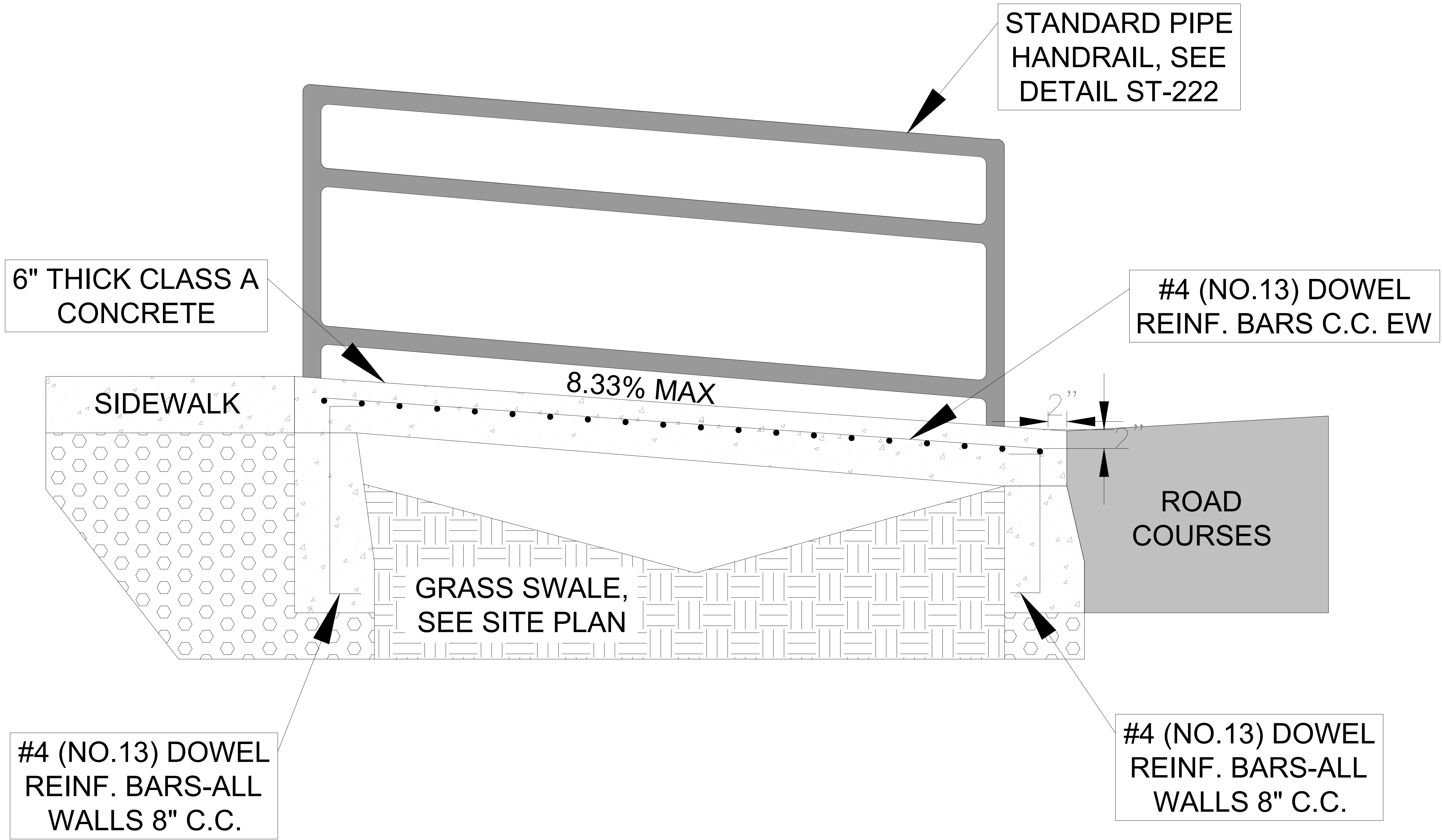
METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS



PROJECT NUMBER: NDT503	
DATE: 08.18.2025	SCALE:
DRAWN BY: JWC/JEP/DMC	DESIGNED BY: DMU
SHEET TITLE:	

BIORETENTION DATA TABLES

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GRASS SWALE CROSSING DETAIL

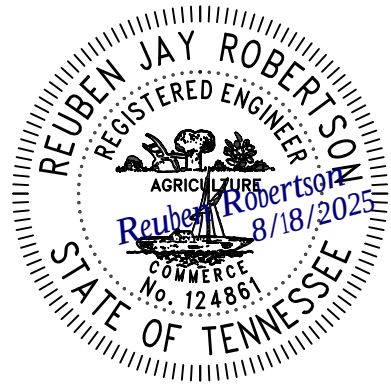
NOT TO SCALE



LDA ENGINEERING

REV	DATE	REVISION DESCRIPTION

METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS



PROJECT NUMBER:	NDT503
DATE: 08.18.2025	SCALE:
DRAWN BY: JWC/JEP/DMC	DESIGNED BY: DMU

SHEET TITLE:

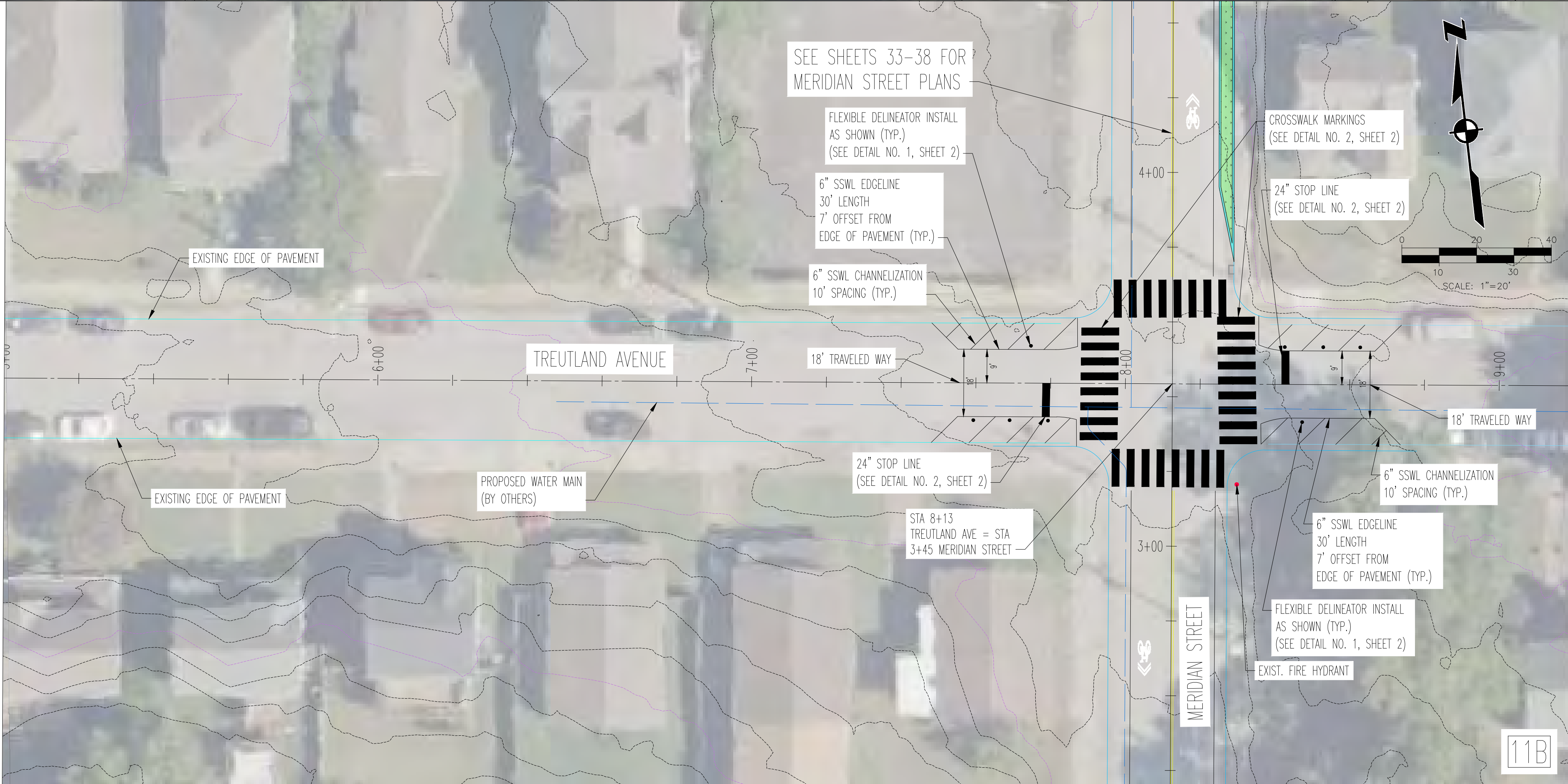
GRASS SWALE
CROSSING
DETAIL

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MATCH LINE STA 5+00 (SEE 11B BELOW)

MATCH LINE STA 5+00 (SEE 11A ABOVE)

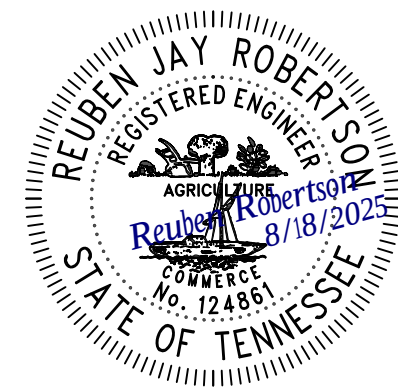


MATCH LINE STA 9+20 (SEE 12A ON SHEET 12)



LDA ENGINEERING

METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS



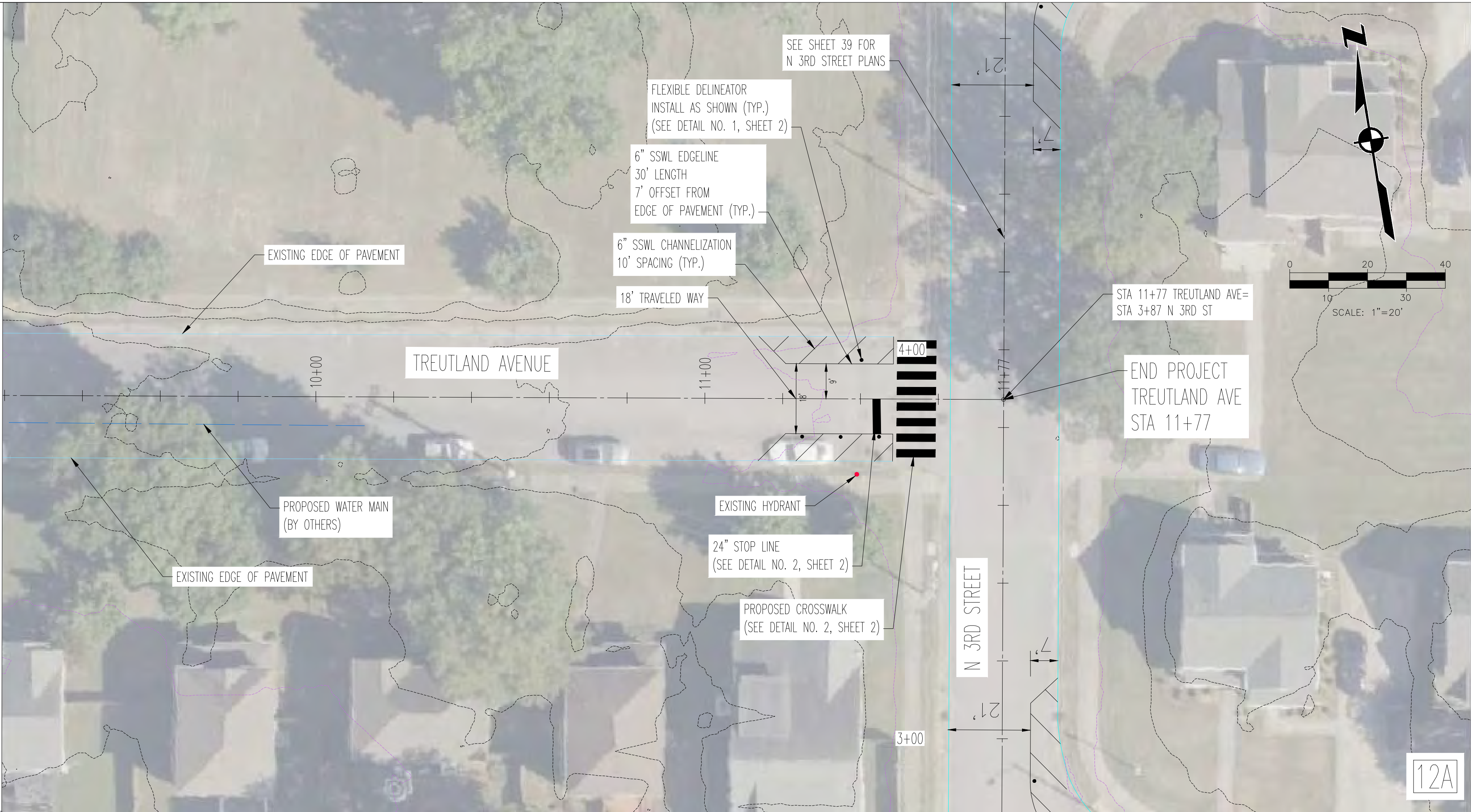
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DATE: 08.18.2025 SCALE: 1"=20'
DRAWN BY: JWC/JEP/DMC DESIGNED BY: ZDB

SHEET TITLE:
**PROPOSED
LAYOUT
TREUTLAND
AVENUE**

SHEET 11 OF 39

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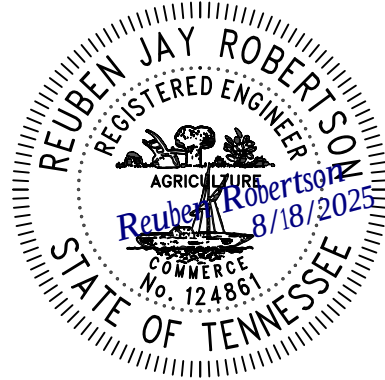
MATCH LINE STA 9+20 (SEE 11B ON SHEET 11)



LDA ENGINEERING

REV	DATE	REVISION DESCRIPTION

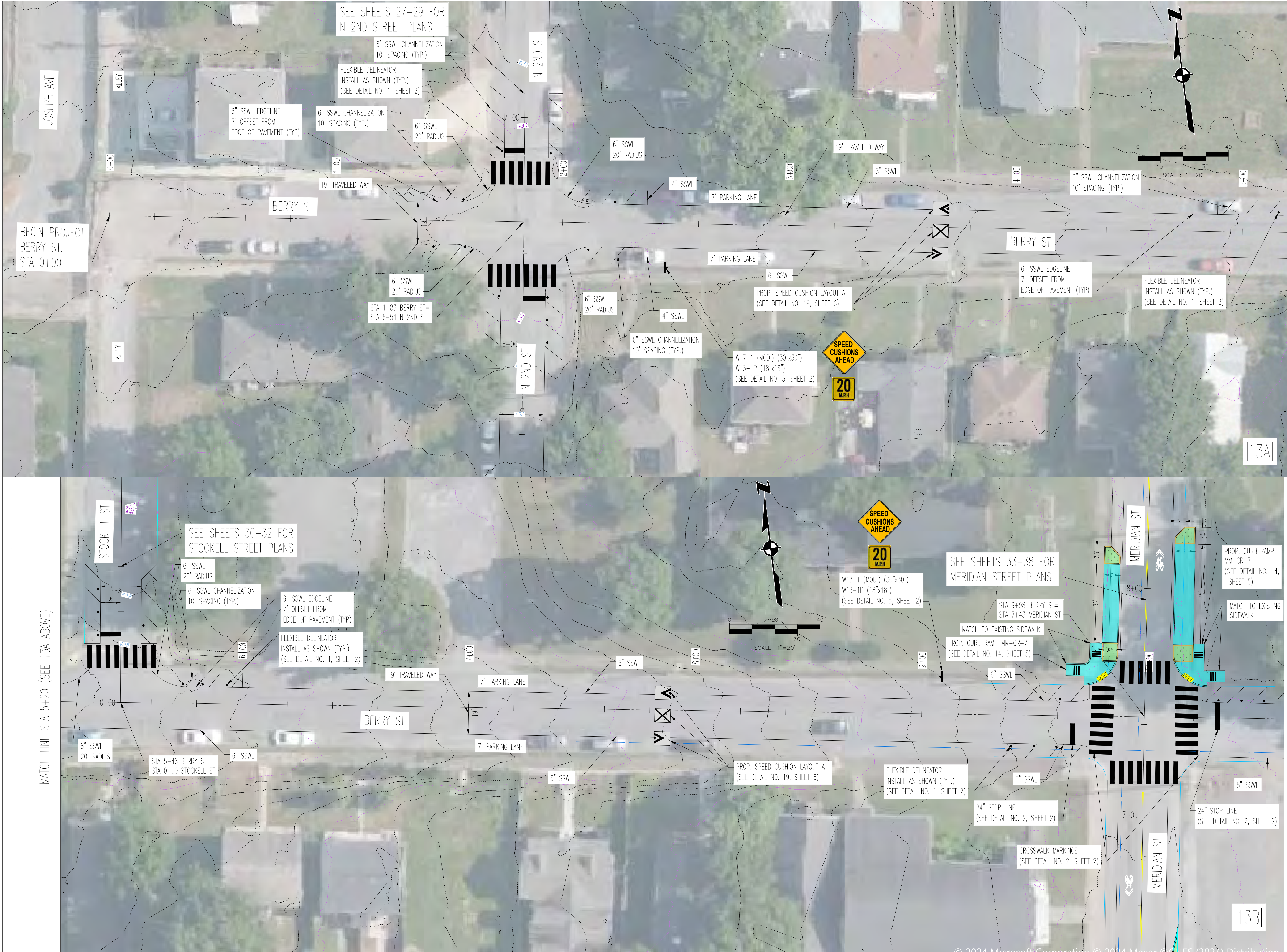
METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKWAY IMPROVEMENTS



PROJECT NUMBER:	NDT503
DATE:	08.18.2025
SCALE:	1"=20'
DRAWN BY:	JWC/JEP/DMC
DESIGNED BY:	ZDB

SHEET TITLE:
**PROPOSED
LAYOUT
TREUTLAND
AVENUE**

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MATCH LINE STA 5+20 (SEE 13B BELOW)

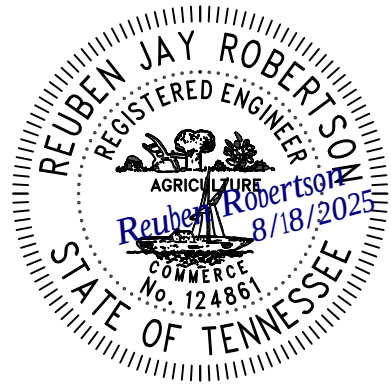
MATCH LINE STA 21+50 (SEE 14A ON SHEET 14)



LDA ENGINEERING

REV	DATE	REVISION DESCRIPTION

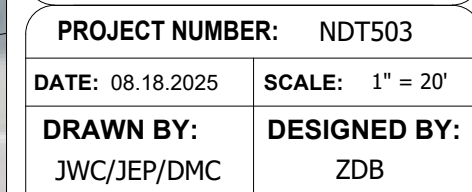
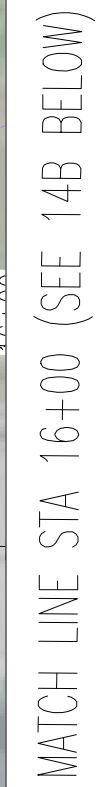
METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS



PROJECT NUMBER: NDT503
DATE: 08.18.2025
SCALE: 1" = 20'
DRAWN BY: JWC/JEP/DMC
DESIGNED BY: ZDB

SHEET TITLE:
**PROPOSED
LAYOUT
BERRY
STREET**

SHEET 13 OF 39



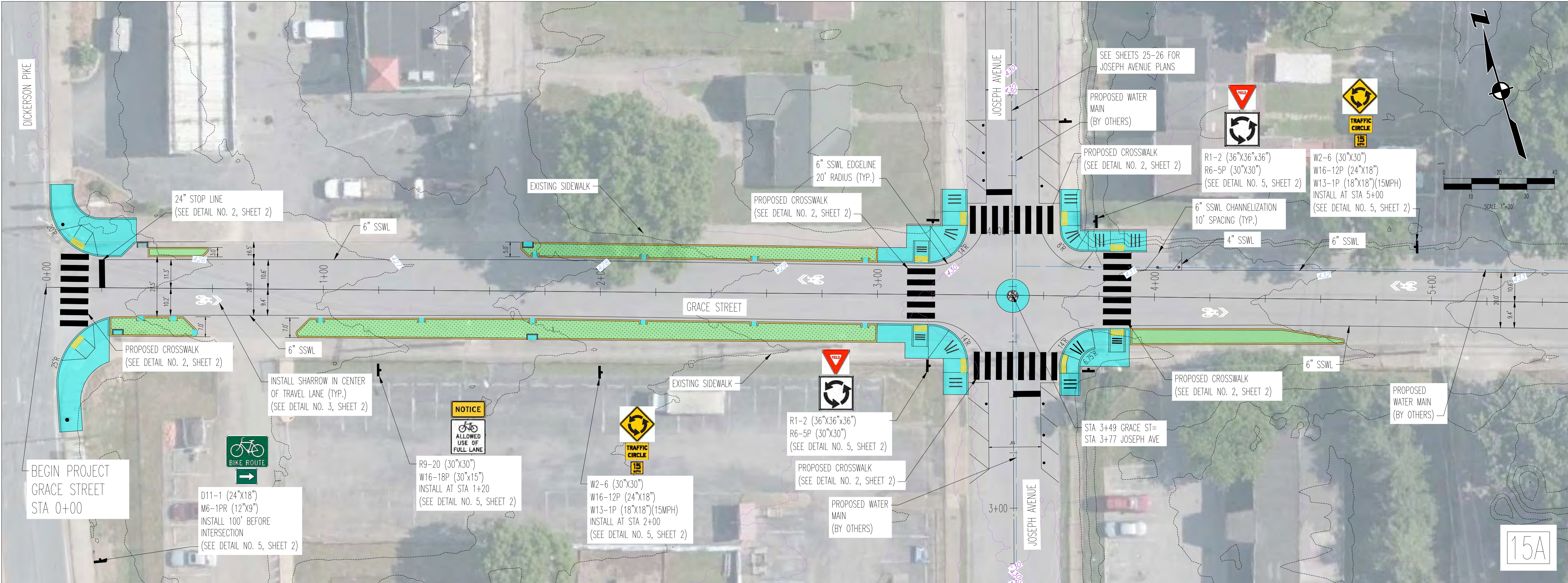
SHEET 14 OF 39



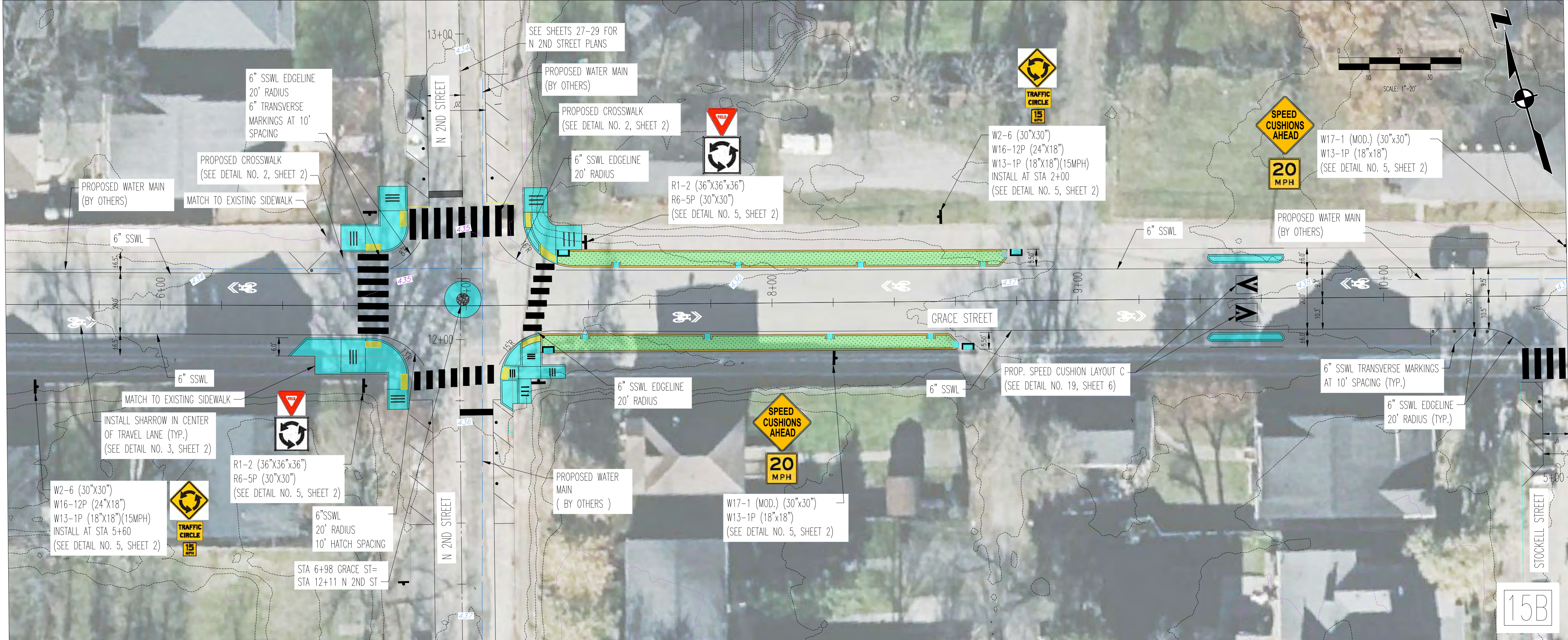
LDA ENGINEERING

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MATCH LINE STA 5+50 (SEE 15A ABOVE)

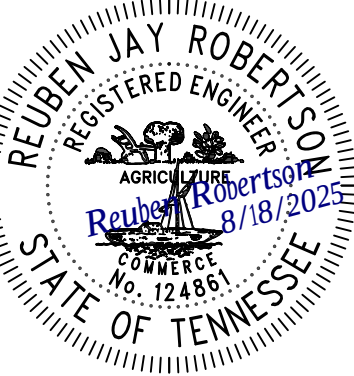


MATCH LINE STA 5+50 (SEE 15B BELOW)



MATCH LINE STA 10+60 (SEE 17A ON SHEET 17)

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PROJECT NUMBER: NDT503
DATE: 08.18.2025 SCALE: 1" = 20'
DRAWN BY: JWC/JEP/DMC DESIGNED BY: ZDB
SHEET TITLE:
STRIPING AND
SIGNAGE
LAYOUT
GRACE STREET

SHEET 15 OF 39

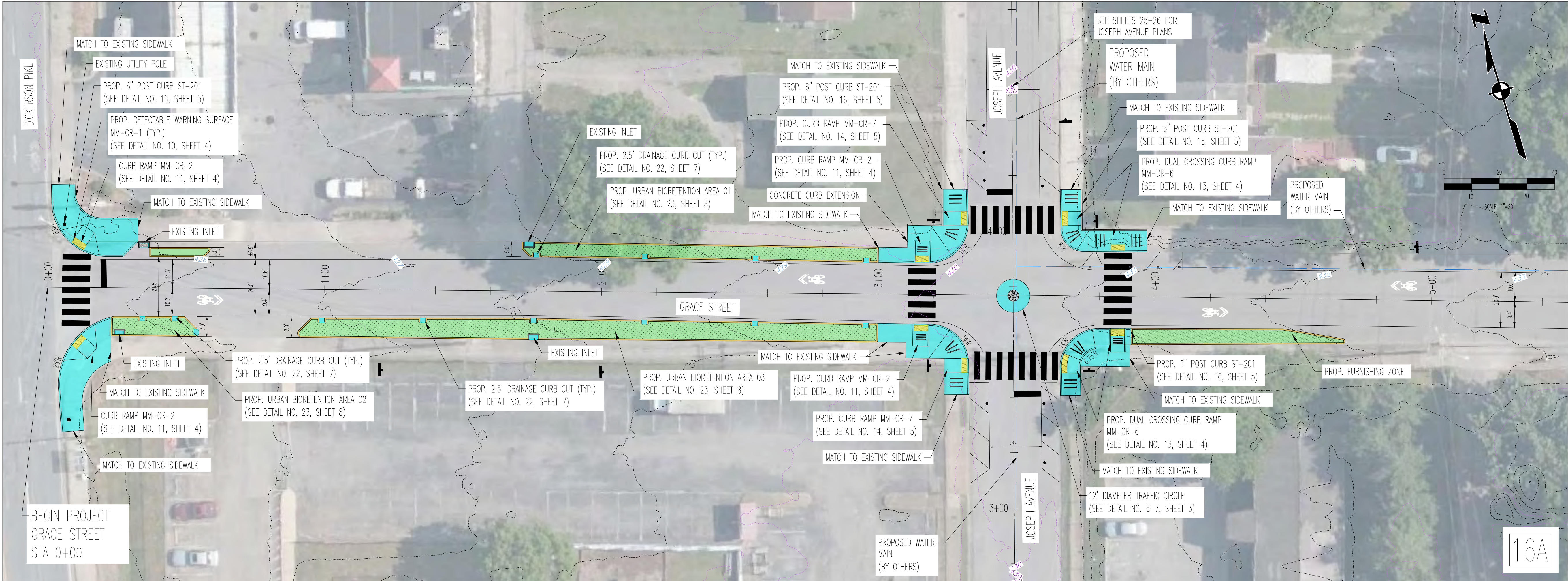
METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS

REV	DATE	REVISION DESCRIPTION

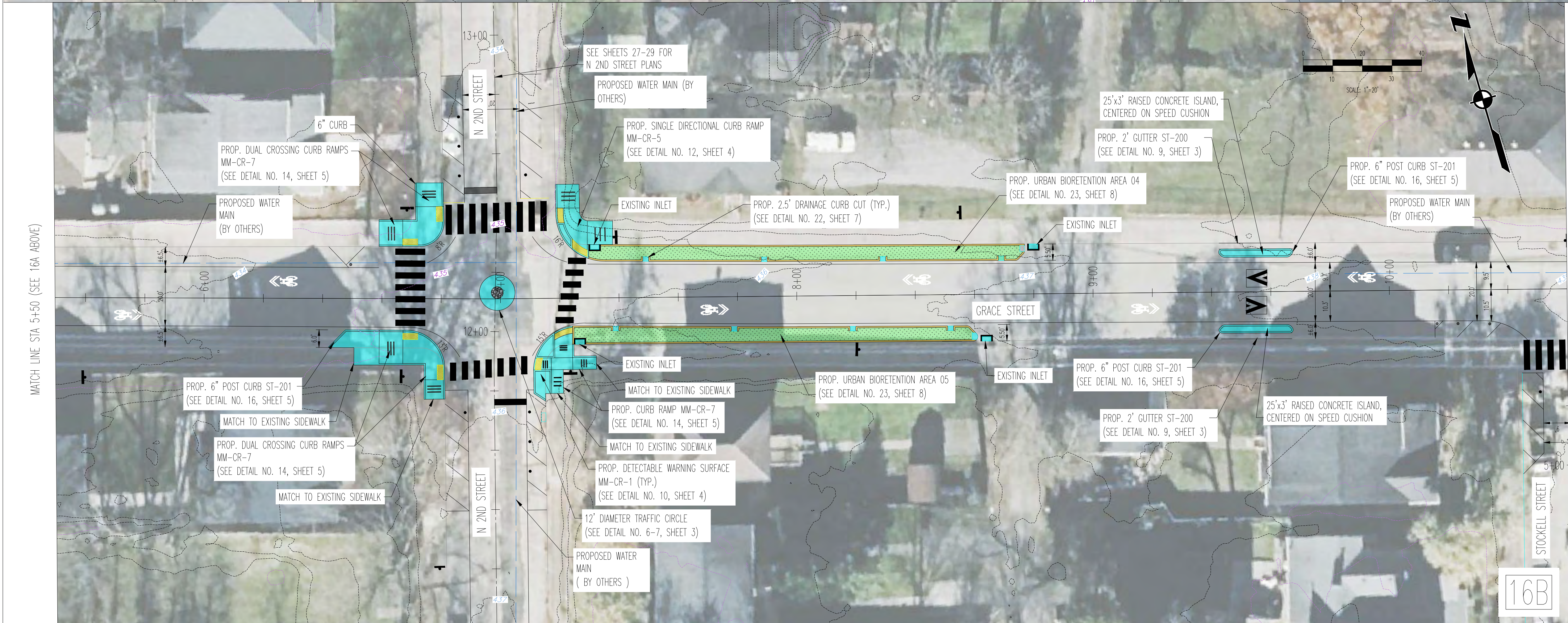


LDA ENGINEERING

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MATCH LINE STA 5+50 (SEE 16B BELOW)



MATCH LINE STA 10+60 (SEE 17A ON SHEET 17)

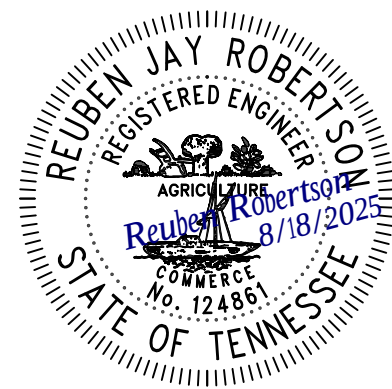
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METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS

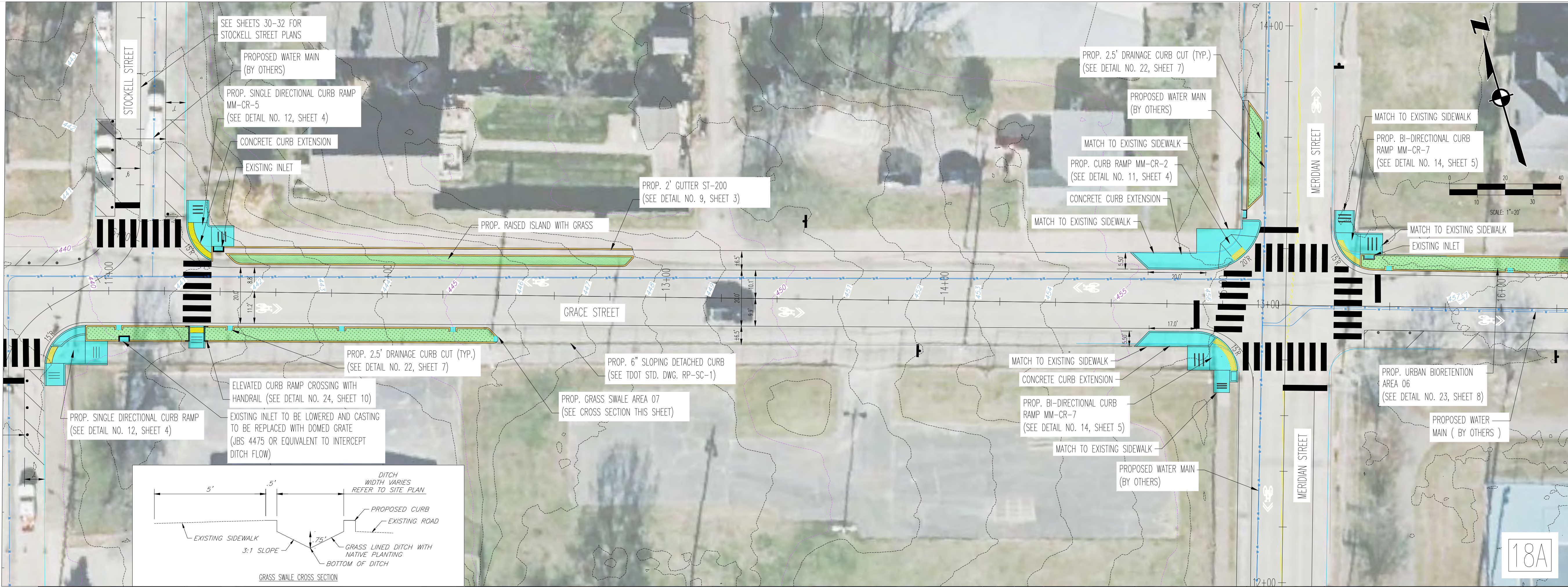


PROJECT NUMBER: NDT503
DATE: 08.18.2025 SCALE: 1" = 20'
DRAWN BY: JWC/JEP/DMC DESIGNED BY: ZDB
SHEET TITLE:
PROPOSED CONCRETE
AND GREEN
INFRASTRUCTURE
LAYOUT
GRACE STREET

SHEET 16 OF 39

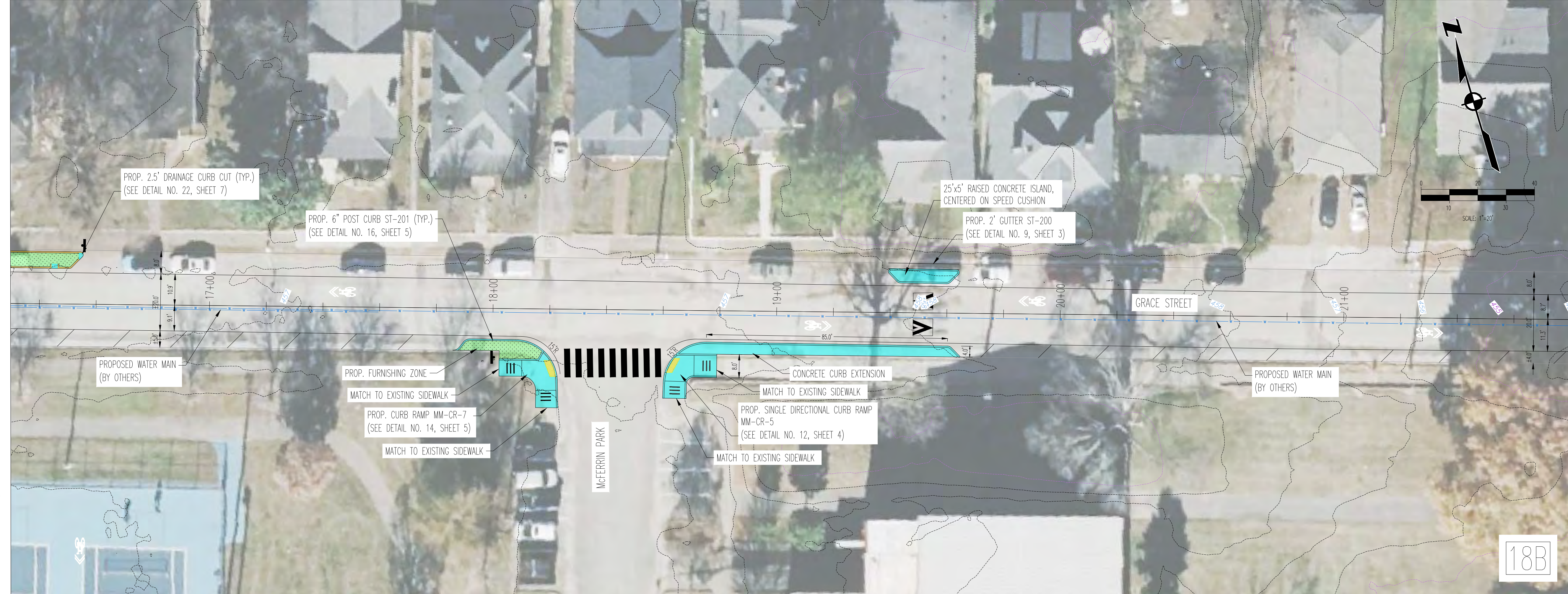
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MATCH LINE STA 10+60 (SEE 16B ON SHEET 16)



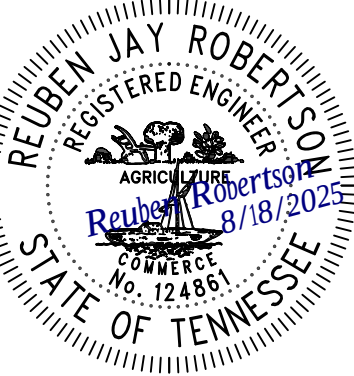
MATCH LINE STA 16+25 (SEE 18B BELOW)

MATCH LINE STA 16+25 (SEE 18A ABOVE)



MATCH LINE STA 21+80 (SEE 19A ON SHEET 19)

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PROJECT NUMBER: NDT503
DATE: 08.18.2025 SCALE: 1" = 20'
DRAWN BY: JWC/JEP/DMC DESIGNED BY: ZDB
SHEET TITLE:
PROPOSED CONCRETE
AND GREEN
INFRASTRUCTURE
LAYOUT
GRACE STREET

SHEET 18 OF 39

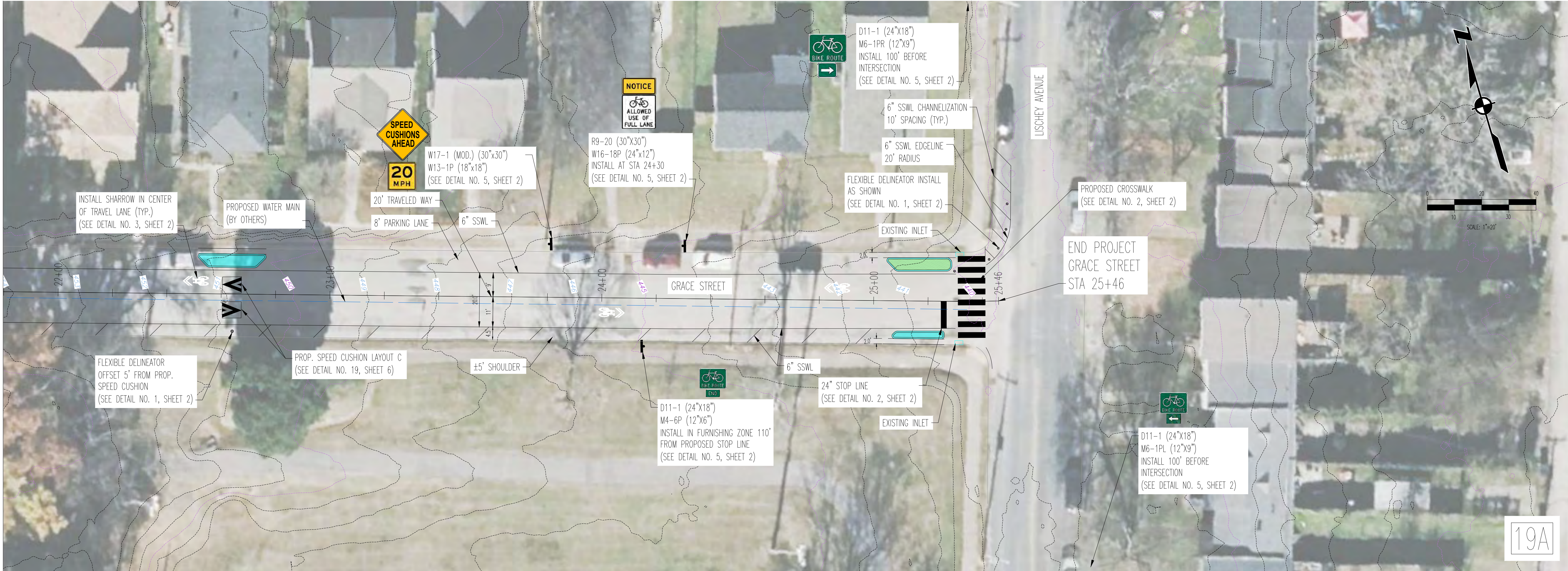
METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS



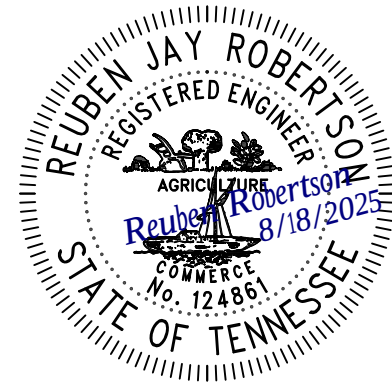
LDA ENGINEERING

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MATCH LINE STA 21+80 (SEE 18B ON SHEET 18)



METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS



PROJECT NUMBER: NDT503

DATE: 08.18.2025 SCALE: 1" = 20'

DRAWN BY: JWC/JEP/DMC DESIGNED BY: ZDB

SHEET TITLE:
STRIPING AND
SIGNAGE
LAYOUT
GRACE STREET

SHEET 19 OF 39



REV	DATE	REVISION DESCRIPTION

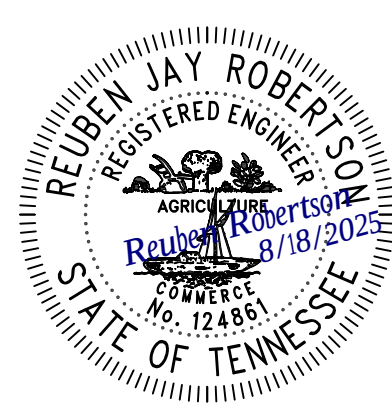
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MATCH LINE STA 21+80 (SEE 18B ON SHEET 18)



20A

METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS



PROJECT NUMBER: NDT503

DATE: 08.18.2025 SCALE: 1" = 20'

DRAWN BY: JWC/JEP/DMC DESIGNED BY: ZDB

SHEET TITLE:

PROPOSED CONCRETE
AND GREEN
INFRASTRUCTURE
LAYOUT
GRACE STREET

SHEET 20 OF 39



REV	DATE	REVISION DESCRIPTION

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MATCH LINE STA 10+60 (SEE 21B ON SHEET 21)



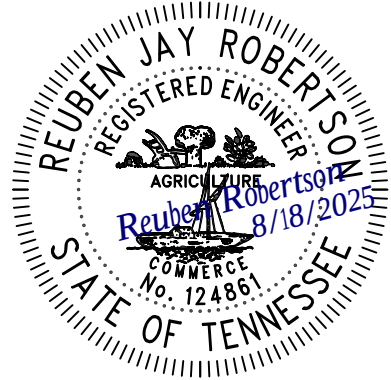
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LDA ENGINEERING

REV	DATE	REVISION DESCRIPTION

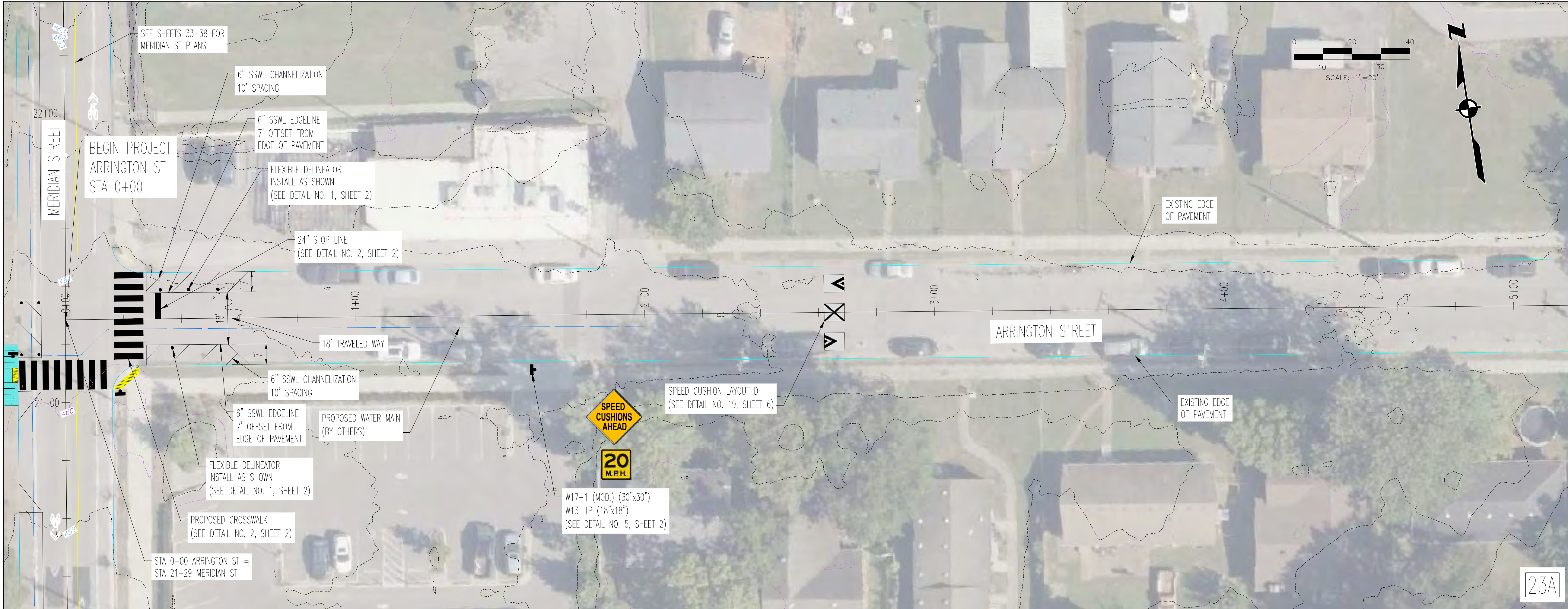
METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS



PROJECT NUMBER: NDT503	
DATE: 08.18.2025	SCALE: 1" = 20'
DRAWN BY: JWC/JEP/DMC	DESIGNED BY: ZDB

SHEET TITLE:
**PROPOSED
LAYOUT
HANCOCK
STREET**

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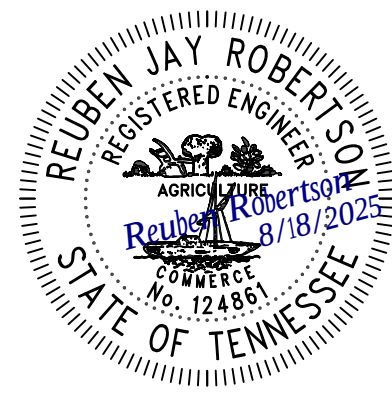


MATCH LINE STA 5+20 (SEE 23B BELOW)



LDA ENGINEERING

METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS



PROJECT NUMBER: NDT503
DATE: 08.18.2025 SCALE: 1"=20'
DRAWN BY: JWC/JEP/DMC DESIGNED BY: ZDB

SHEET TITLE:
**PROPOSED
LAYOUT
ARRINGTON
STREET**

SHEET 23 OF 39

C:\MISC\TN\SH-001_LIN_DWG_2023-02\3\PHASE 1\WILBURN ST\DESIGN\DWG\SHEET FILES\WILBURN ST_SITING.DWG, 5/19/2025 3:44 PM, DARY CLARK



MATCH LINE STA 5+20 (SEE 24B BELOW)



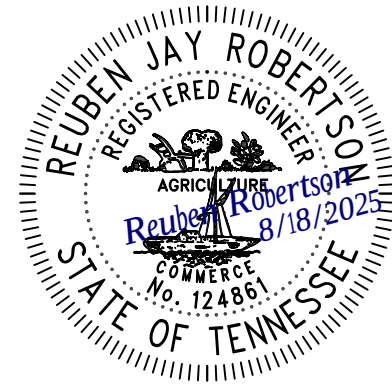
MATCH LINE STA 5+20 (SEE 24A ABOVE)



LDA ENGINEERING

REV	DATE	REVISION DESCRIPTION

METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS

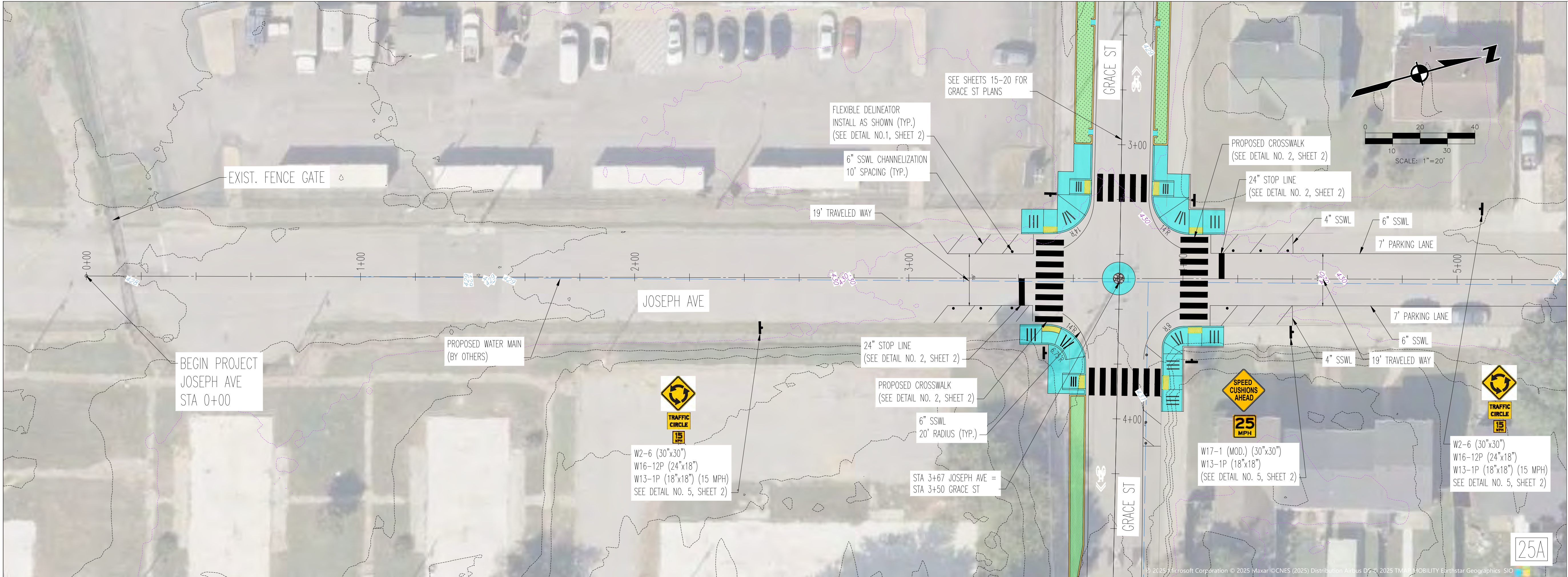


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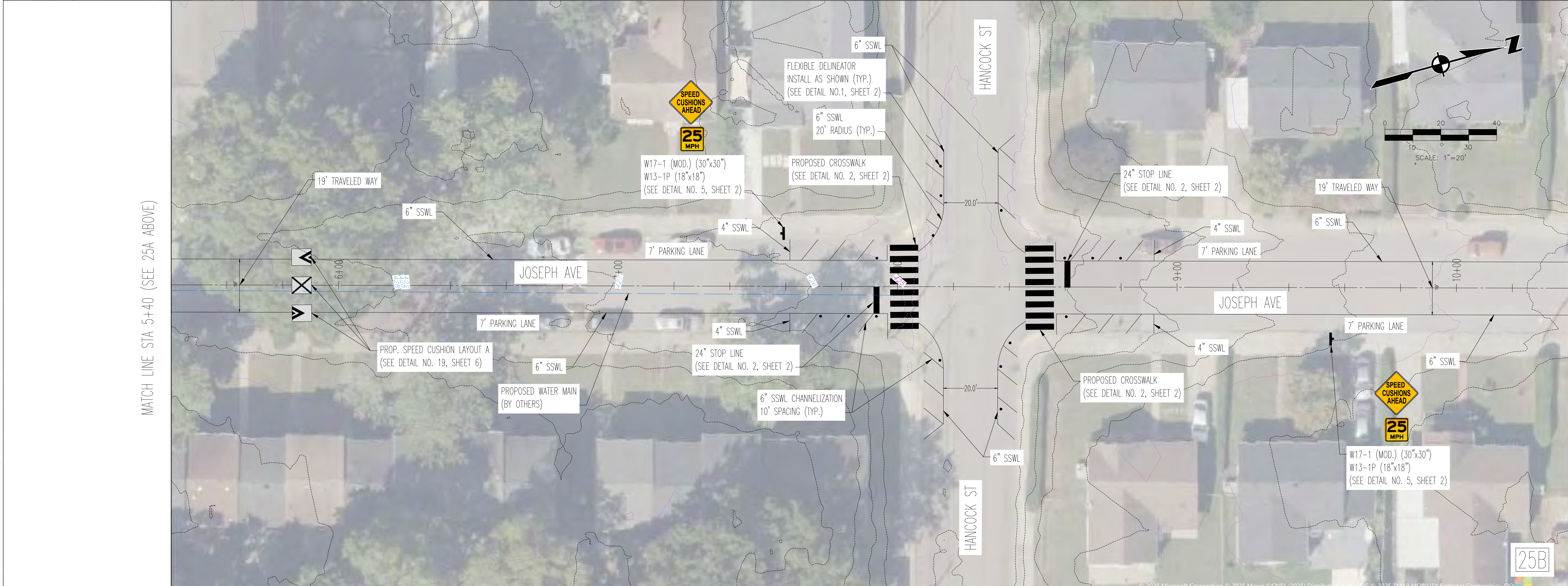
SHEET TITLE:
**PROPOSED
LAYOUT
WILBURN
STREET**

SHEET 24 OF 39

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MATCH LINE STA 5+40 (SEE 25B BELOW)



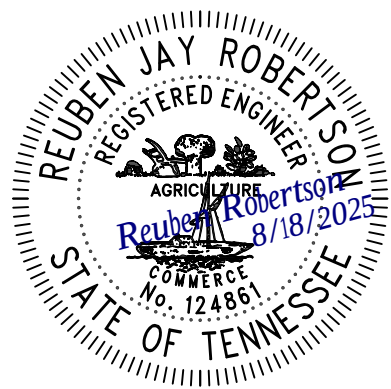
MATCH LINE STA 10+40 (SEE 26A ON SHEET 26)



LDA ENGINEERING

REV	DATE	REVISION DESCRIPTION

METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS



PROJECT NUMBER: NDT503
DATE: 08.18.2025 SCALE: 1" = 20'
DRAWN BY: JWC/JEP/DMC DESIGNED BY: ZDB

SHEET TITLE:
**PROPOSED
LAYOUT
JOSEPH
AVENUE**

SHEET 25 OF 39

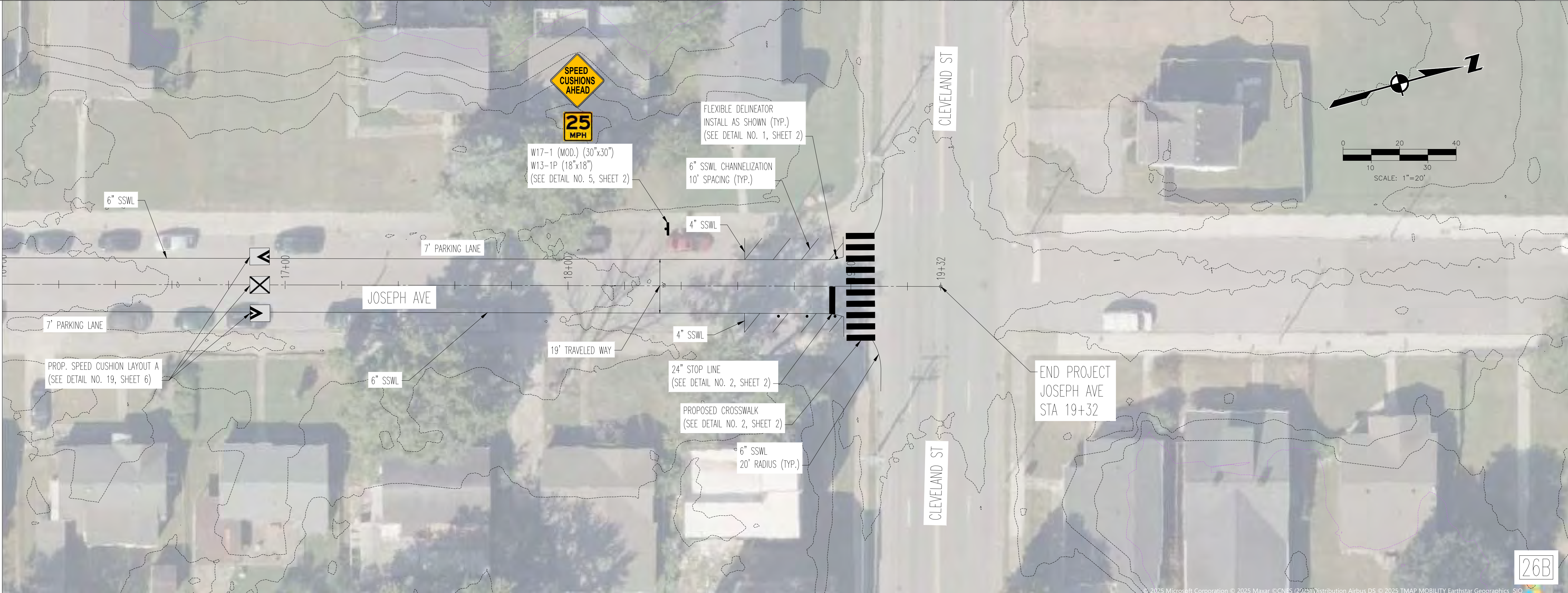
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MATCH LINE STA 10+40 (SEE 25B ON SHEET 25)



MATCH LINE STA 16+00 (SEE 26B BELOW)

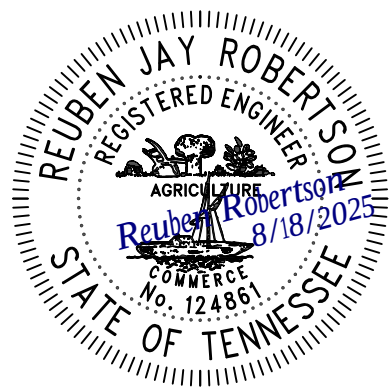
MATCH LINE STA 16+00 (SEE 26A ABOVE)



LDA ENGINEERING

REV	DATE	REVISION DESCRIPTION

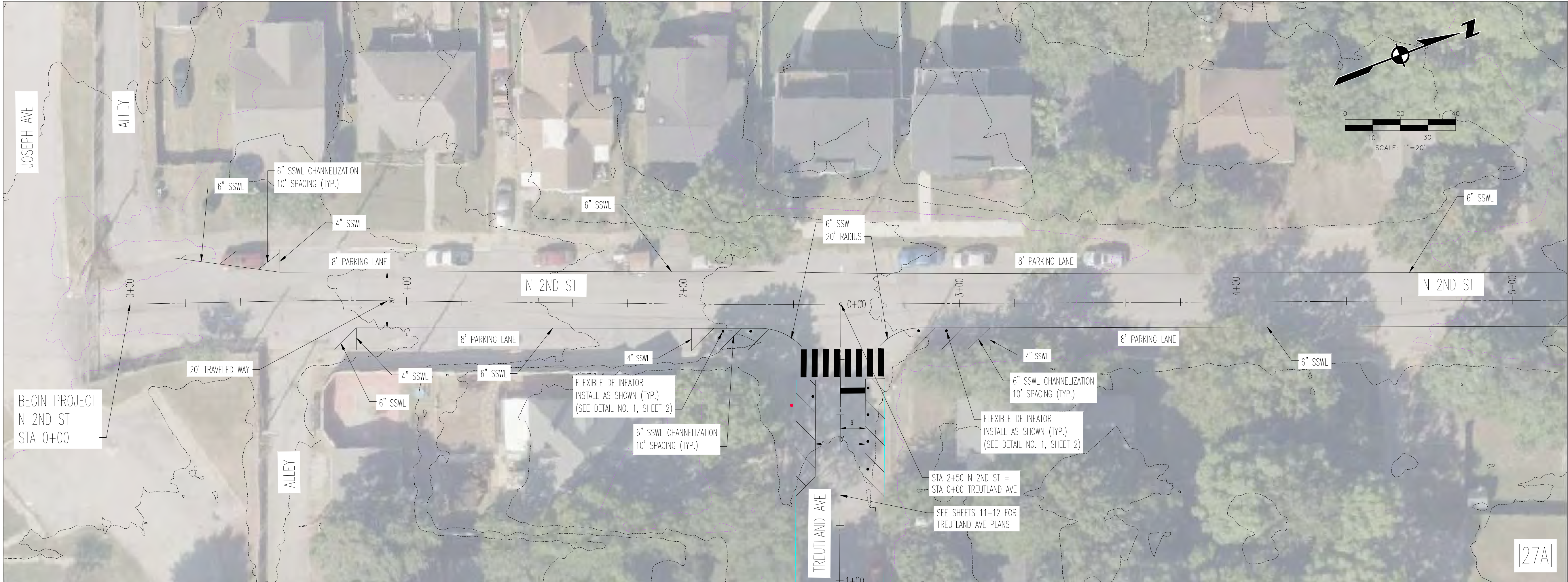
METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS



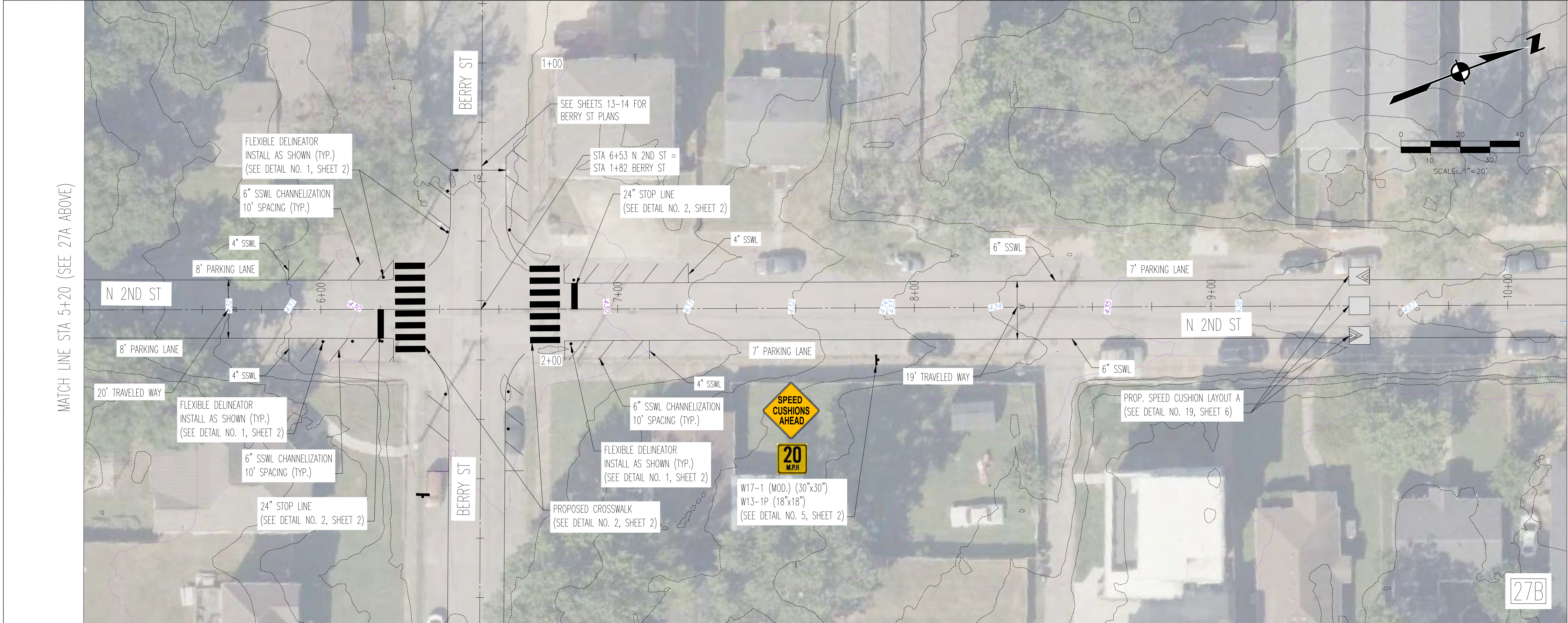
PROJECT NUMBER: NDT503
DATE: 08.18.2025 SCALE: 1" = 20'
DRAWN BY: JWC/JEP/DMC DESIGNED BY: ZDB

SHEET TITLE:
**PROPOSED
LAYOUT
JOSEPH
AVENUE**

C:\WORK\2025\PH01_2025-023\PHASE 1\N 2ND ST\DESIGN\CAO\SHEET FILES\N 2ND ST SIE.DWG, 5/19/2025 3:29 PM, DASY CLARK



MATCH LINE STA 5+20 (SEE 27B BELOW)



MATCH LINE STA 10+20 (SEE 28A ON SHEET 28)

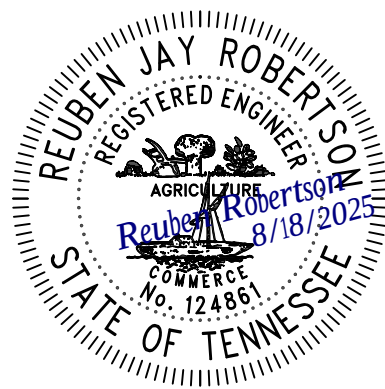
THIS DOCUMENT AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF LDA ENGINEERING AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF LDA ENGINEERING.



LDA ENGINEERING

REV	DATE	REVISION DESCRIPTION

METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS



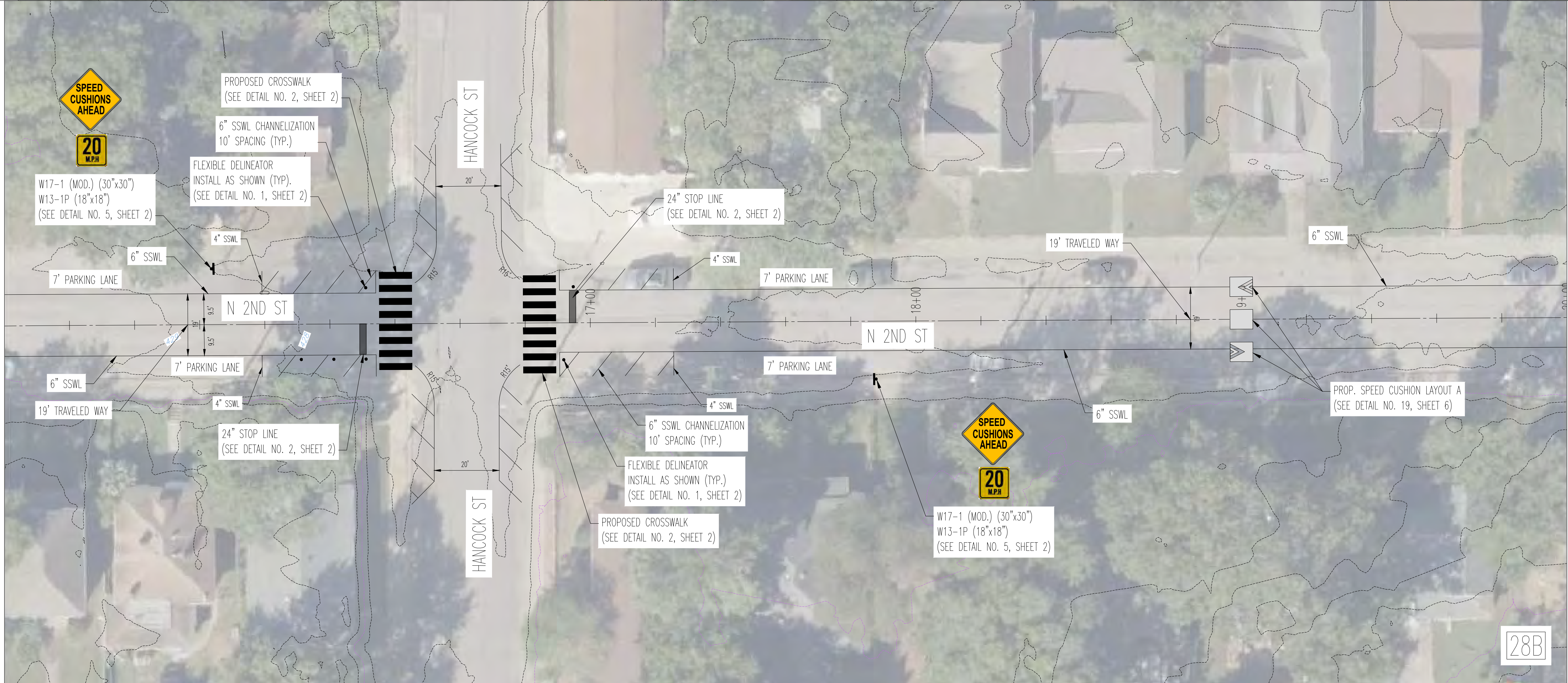
PROJECT NUMBER: NDT503
DATE: 08.18.2025 SCALE:
DRAWN BY: JWC/JEP/DMC DESIGNED BY: ZDB
SHEET TITLE:

PROPOSED
LAYOUT
N 2ND STREET

SHEET 27 OF 39

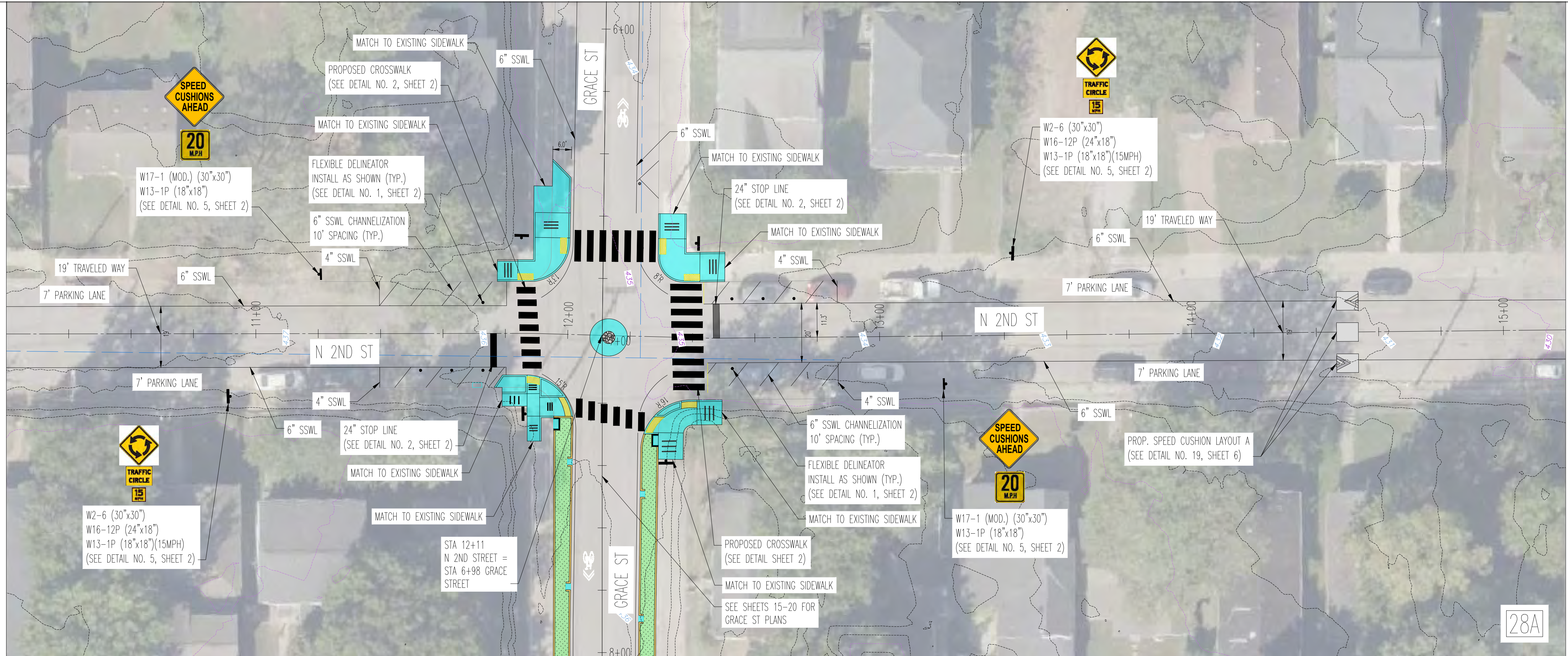
C:\MPS\G2\NASH_P\01_005_2023-023\PHASE 1\N 2ND ST\DESIGN\CAD\SHEET FILES\N 2ND ST SIDING, 5/19/2025 3:20 PM, DASY CLARK

MATCH LINE STA 15+20 (SEE 28A ABOVE)

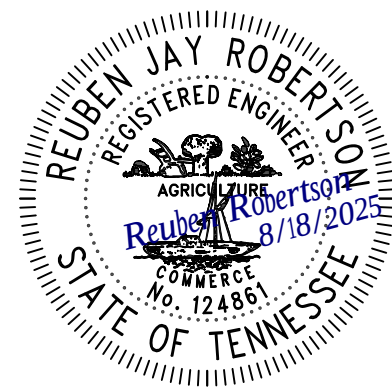


MATCH LINE STA 20+00 (SEE 29A ON SHEET 29)

MATCH LINE STA 10+20 (SEE 27B ON SHEET 27)



MATCH LINE STA 15+20 (SEE 28B BELOW)



PROJECT NUMBER: NDT503
DATE: 08.18.2025 SCALE:
DRAWN BY: JWC/JEP/DMC DESIGNED BY: ZDB
SHEET TITLE:

PROPOSED
LAYOUT
N 2ND STREET

SHEET 28 OF 39

METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS



LDA ENGINEERING

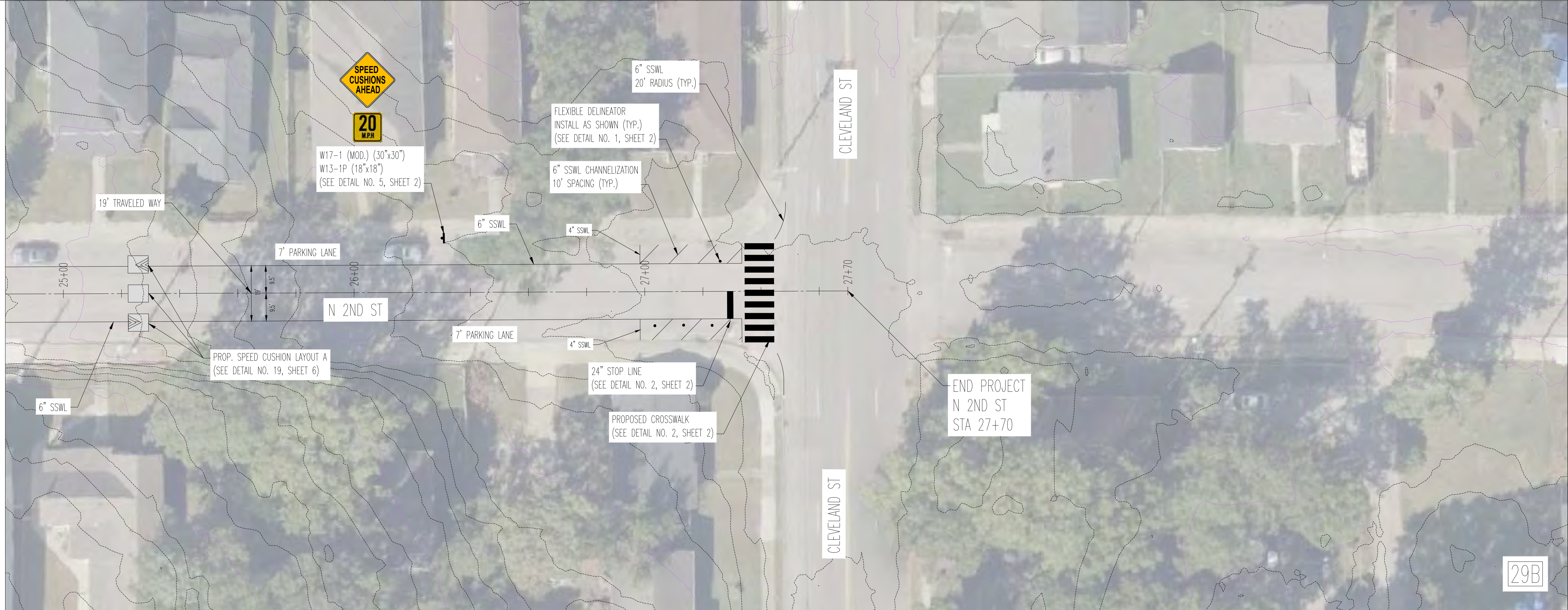
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MATCH LINE STA 20+00 (SEE 28B ON SHEET 28)



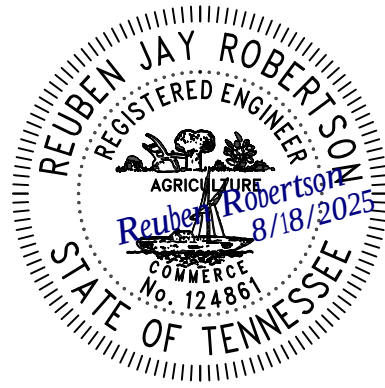
MATCH LINE STA 24+80 (SEE 29B BELOW)

MATCH LINE STA 24+80 (SEE 29A ABOVE)



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METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS



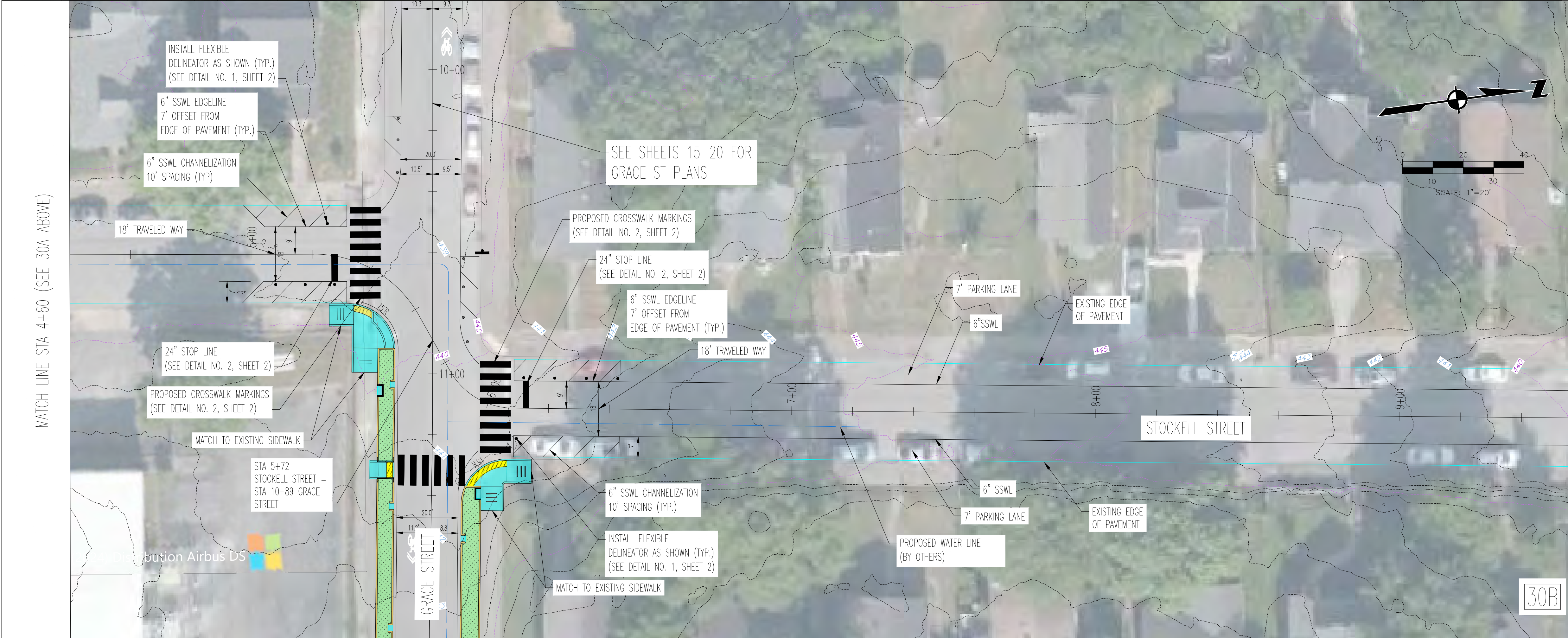
PROJECT NUMBER: NDT503
DATE: 08.18.2025 SCALE:
DRAWN BY: JWC/JEP/DMC DESIGNED BY: ZDB
SHEET TITLE:

PROPOSED
LAYOUT
N 2ND STREET

SHEET 29 OF 39



MATCH LINE STA 4+60 (SEE 30B BELOW)



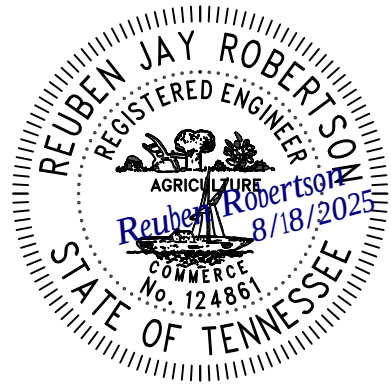
MATCH LINE STA 9+60 (SEE 31A ON SHEET 31)



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REV	DATE	REVISION DESCRIPTION

METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS

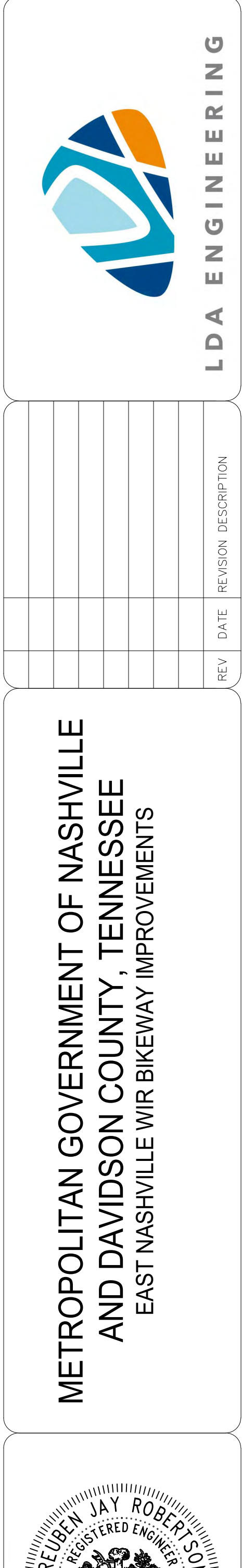


PROJECT NUMBER: NDT503
DATE: 08.18.2025 SCALE: 1"=20'
DRAWN BY: JWC/JEP/DMC DESIGNED BY: ZDB

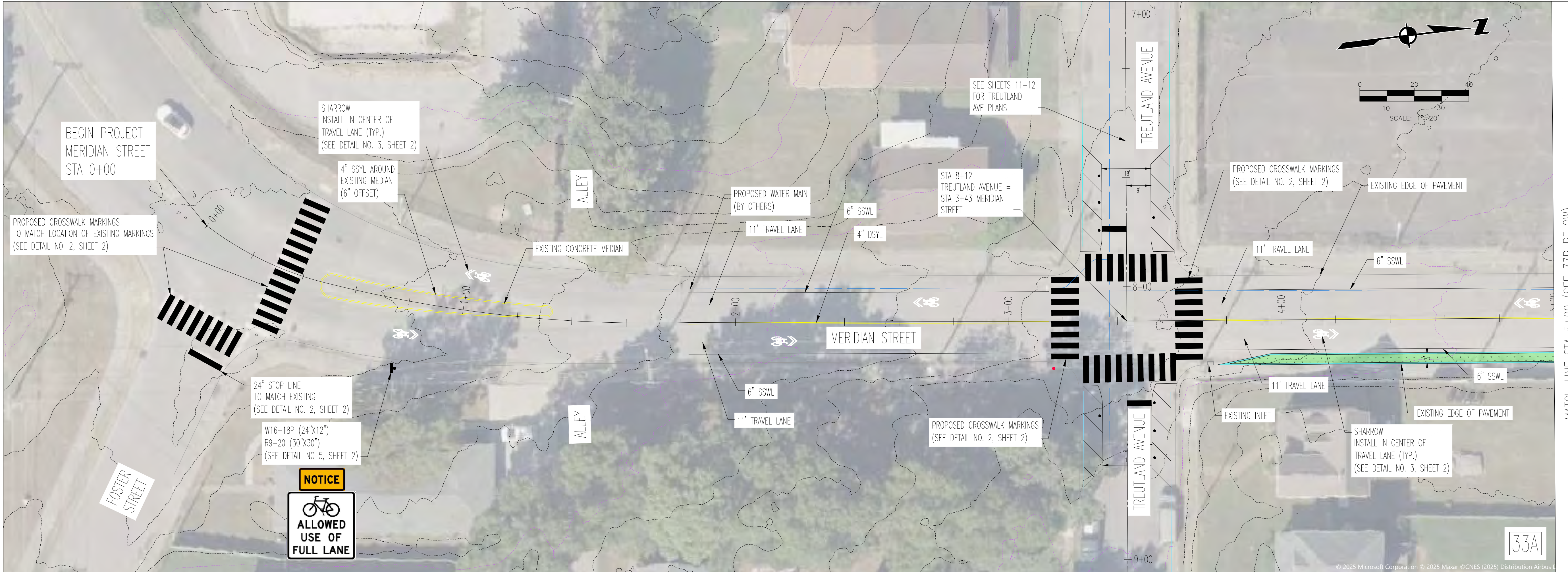
SHEET TITLE:
**PROPOSED
LAYOUT
STOCKELL
STREET**

C:\MISC\STNASH_PWD_LBW_DOS_2023-023\PHASE 1\STOCKELL ST\DESIGN\DWG\SHEETFILES\STOCKELL ST SITEMWG, 5/19/2025 3:14 PM, DARY CLARK

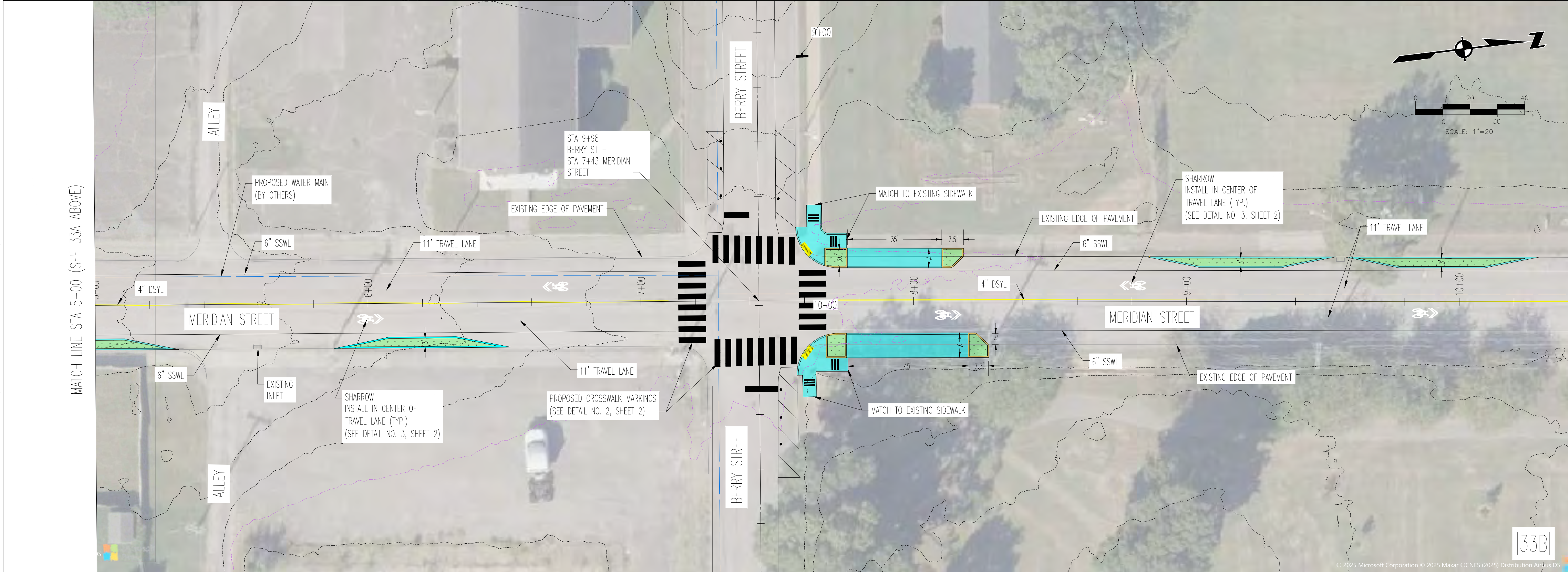




C:\MISC\STN\SH_P\01_BW_005_2023-023\PHASE 1\MERIDIAN ST\DESIGN\040\SHEET FILES\MERIDIAN ST SITE 3.DWG, 5/19/2025 3:38 PM, DARY CLARK



MATCH LINE STA 5+00 (SEE 33B BELOW)

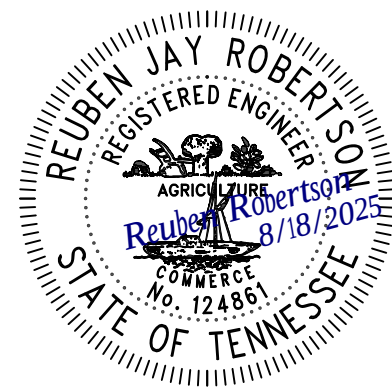


MATCH LINE STA 10+40 (SEE 35A ON SHEET 35)



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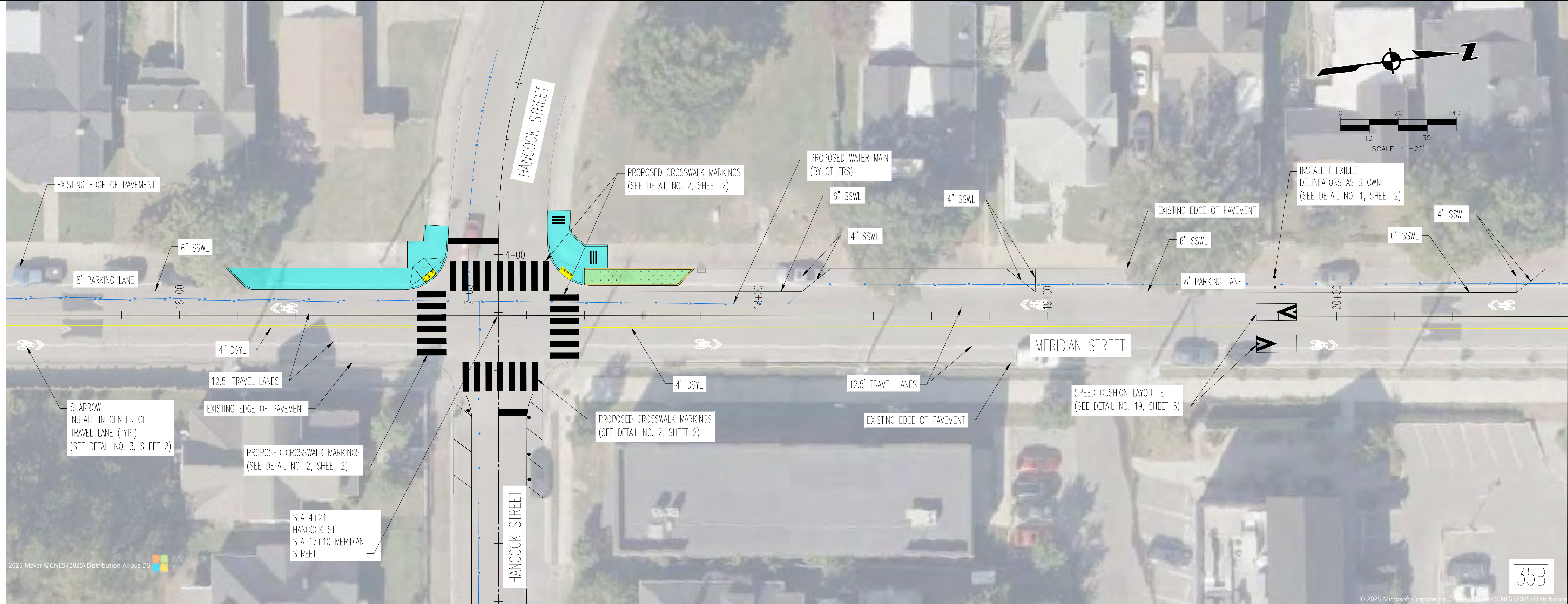
METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS



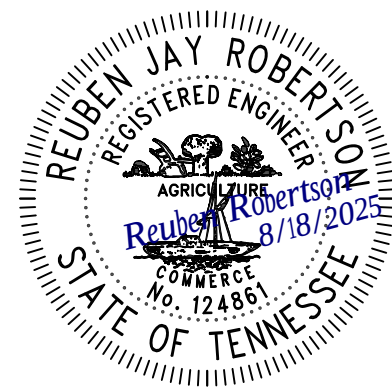
PROJECT NUMBER: NDT503
DATE: 08.18.2025 SCALE: 1"=20'
DRAWN BY: JWC/JEP/DMC DESIGNED BY: ZDB
SHEET TITLE:

STRIPING AND
SIGNAGE LAYOUT
MERIDIAN STREET

MATCH LINE STA 15+40 (SEE 35A ABOVE)



MATCH LINE STA 20+80 (SEE 38A ON SHEET 38)



SHEET 35 OF 39

MATCH LINE STA 15+40 (SEE 36A ABOVE)	MATCH LINE STA 10+40 (SEE 34B ON SHEET 34)
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PROPOSED WATER MAIN (BY OTHERS)

EXISTING EDGE OF PAVEMENT

PROPOSED BI-DIRECTIONAL CURB RAMP MM-CR-7 (SEE DETAIL NO. 14, SHEET 5)

PROPOSED 6" POST CURB ST-201 (TYP.) (SEE DETAIL NO. 16, SHEET 5)

MATCH TO EXISTING SIDEWALK

MATCH TO EXISTING SIDEWALK

PROPOSED PERPENDICULAR CURB RAMP MM-CR-2 (SEE DETAIL NO. 11, SHEET 4)

EXISTING INLET

PROPOSED RAISED ISLAND WITH GRASS

PROPOSED 2" GUTTER ST-200 (MATCH EXISTING) (SEE DETAIL 9 ON SHEET 3)

MATCH TO EXISTING SIDEWALK

PROPOSED BI-DIRECTIONAL CURB RAMP MM-CR-7 (SEE DETAIL NO. 14, SHEET 5)

PROPOSED DETECTABLE WARNING SURFACE MM-CR-1 (TYP.) (SEE DETAIL NO. 10, SHEET 4)

MATCH TO EXISTING SIDEWALK

GRACE STREET

MERIDIAN STREET

12+00

14+00

16+00

R 15'

R 15'

1" = 20'

36A

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MATCH LINE STA 20+80 (SEE 38A ON SHEET 38)

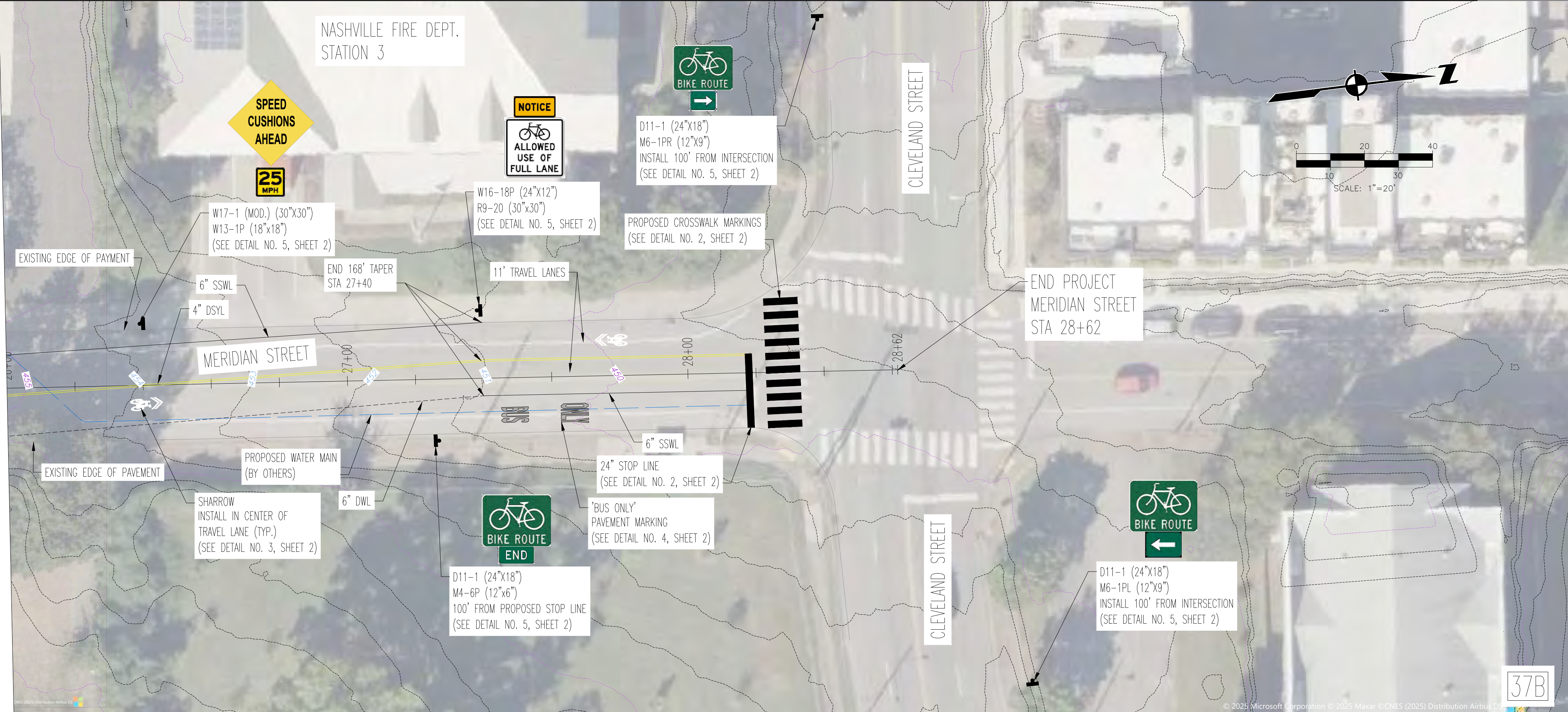
[illegible]

MATCH LINE STA 20+80 (SEE 36B ON SHEET 36)



MATCH LINE STA 26+00 (SEE 37B BELOW)

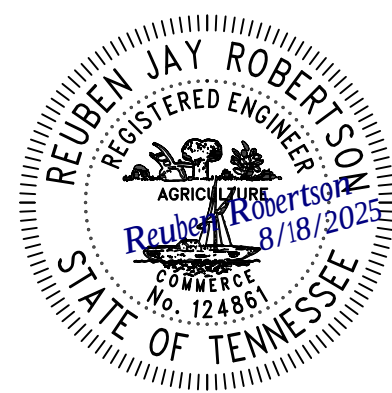
MATCH LINE STA 26+00 (SEE 37A ABOVE)



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[illegible]

**METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS**



PROJECT NUMBER: NDT503

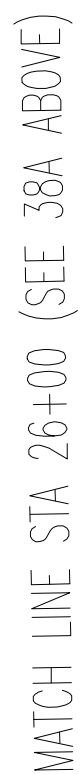
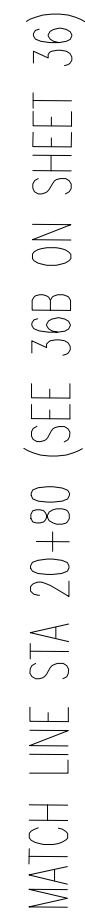
DATE: 08.18.2025	SCALE: 1"=20'
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DRAWN BY: JWC/JEP/DMC	DESIGNED BY: ZDB
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SHEET TITLE:

STRIPING AND SIGNAGE LAYOUT MERIDIAN STREET

SHEET 37 OF 39



METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EAST NASHVILLE WIR BIKEWAY IMPROVEMENTS

