

**MULTIMODAL ACCESS CLOSURE EXCEPTION APPLICATION FORM AND  
CHECKLIST**

Submittal Date: 3-13-24  New Submittal  Re-Submittal No: \_\_\_\_\_

Related Building Permit No: 2023-001100

Project Name: CHASE BANK

Street Name Location: 2825 WEST END AVE.

Between: 29<sup>TH</sup> Ave S And: 29<sup>TH</sup> Ave N

Applicant Name: I/S ENGINEERING'S UTILITIES

Address: 119 PARK SOUTH CT. NASHVILLE TN 37210

Phone: 615-515-4680 Fax: 615-515-4681 Contact: ILKEHANLOSER

Email: ILKEH@ISENGINEERING.ORG

Project Description: INSTALL PUBLIC SANITARY SEWER

MAIN EXTENSION

Start Date: 3/25/24 End Date: 4/26/24 Project Length: 31 DAYS

Describe Type of Closure: SIDEWALK CLOSURE - PEDESTRIANS

TO BE DETOURED INTO LANE CLOSURE(S)

Provide Reasons why Project cannot be completed without closures and what other options were considered (attach documents as needed): SEWER MAIN

IS DESIGNED TO BE INSTALLED IN THE SIDEWALK

NO OTHER OPTION FOR SEWER LOCATION!

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## PROJECT INFORMATION CHECKLIST:

Included Not Applicable

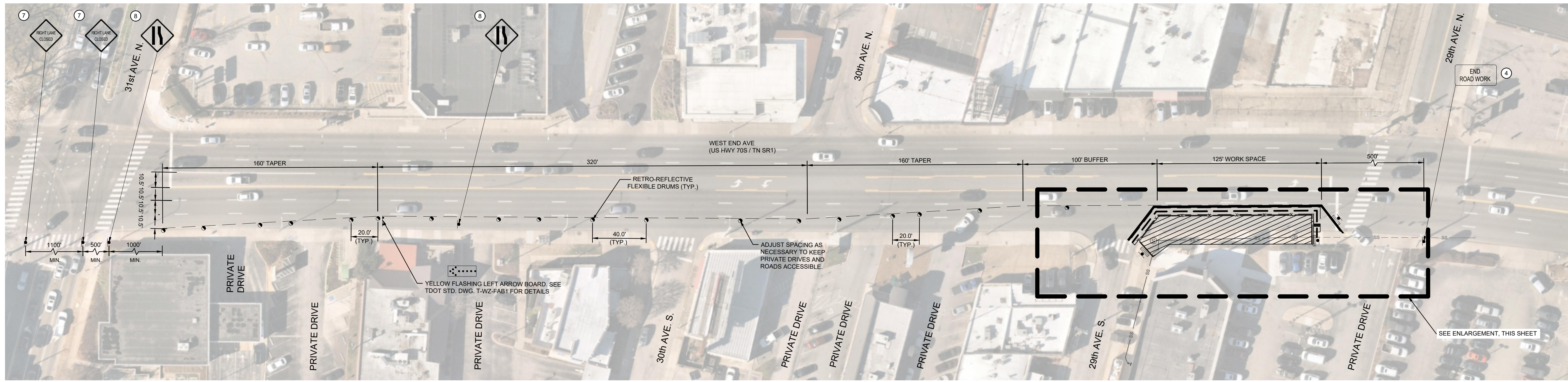
- Project Vicinity Map with Project Area shown, street names, property information, existing pavement and striping, gutter and building locations, north arrow, and scale.
- Planned work hours included. NIGHT - 7PP - 6AM SUN-THURS.
- Exact location and dimensions of the construction work zone shown.
- If multiple phases are necessary, include perimeter impact of each phase, phase number, anticipated work hours and phase duration.
- Details on construction activity and equipment being used as part of construction included for each phase.
- Specify if any on-street parking, and/or metered parking, is to be restricted and if bus zone will need to be relocated. METERED SPACES (4)
- Specify if trash pickup will be impacted.
- Provide information on all utility work and utility connections. PLANS INCLUDE
- List all affected residents, businesses, agencies, and schools and any conversations/agreements taken place.
- Show ongoing construction projects within vicinity of proposed project impact.
- Provide plan to address conflicts with other nearby projects.
- Provide traffic control plan for each phase of construction (see traffic control checklist for more information).
- Provide information on work vehicle parking locations.
- Show construction trucks ingress/egress to project location.
- Provide information on any traffic signals, traffic signal loops, and traffic signal cabinets in close proximity to project.

## TRAFFIC CONTROL PLAN CHECKLIST:

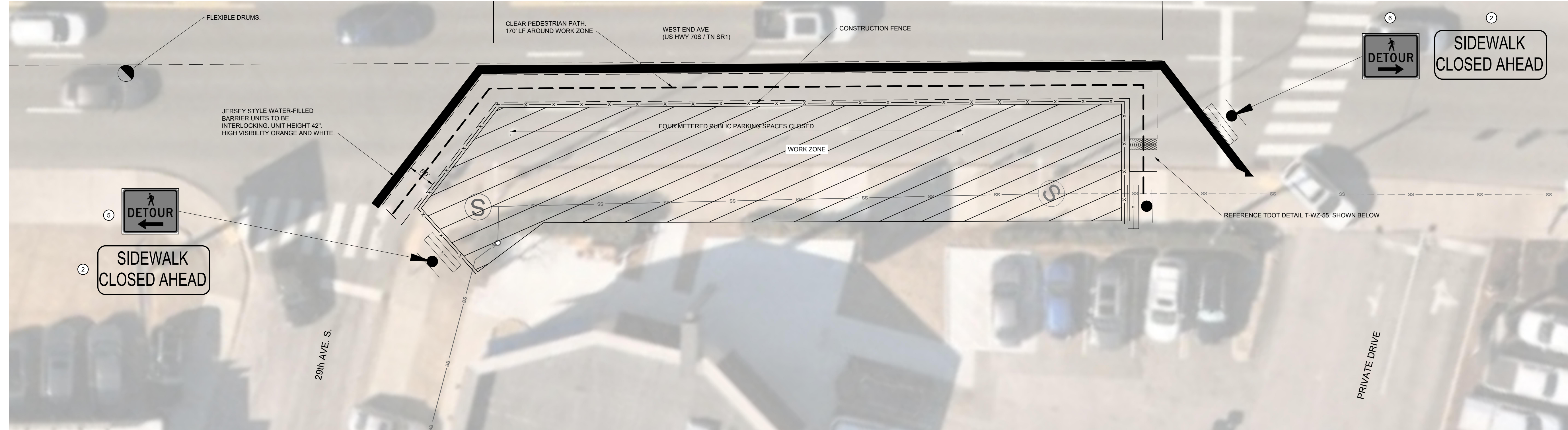
Included Not Applicable

- All temporary traffic control plans shall be designed in accordance with the most recent ADA regulations and requirements of the Manual of Uniform Traffic Control Devices.
- Clearly show the locations of all existing signs (including speed limit) as well as the proposed signs for each construction phase.
- Show the location of all existing pedestrian paths and pedestrian detour route of each stage of construction.
- Show dimensions of travel lane width, shoulder width, sidewalk of each phase, and overall roadway width along the length of affected area.
- Show all existing striping and markings to remain, to be removed, and all proposed striping and markings for each construction stage.
- Provide detour plan clearly showing detour route for any roadway or pedestrian/bike path closures.
- Specify placement of all temporary traffic control devices.
- Specify spacing of all temporary traffic control devices.
- Show all existing traffic signals and streetlights in the work zone location.
- Lighting provided for all pedestrian detour routes.
- Provide minimum eleven (11) foot travel lanes at all times.
- Show size, height, and location of all channelizing devices, warning lights, flag trees, barriers, etc.
- Label all taper lengths and widths.
- Provide locations of police officers for each phase as needed.
- Temporary Traffic Control Plan has been stamped and signed by a TN licensed Civil Engineer.

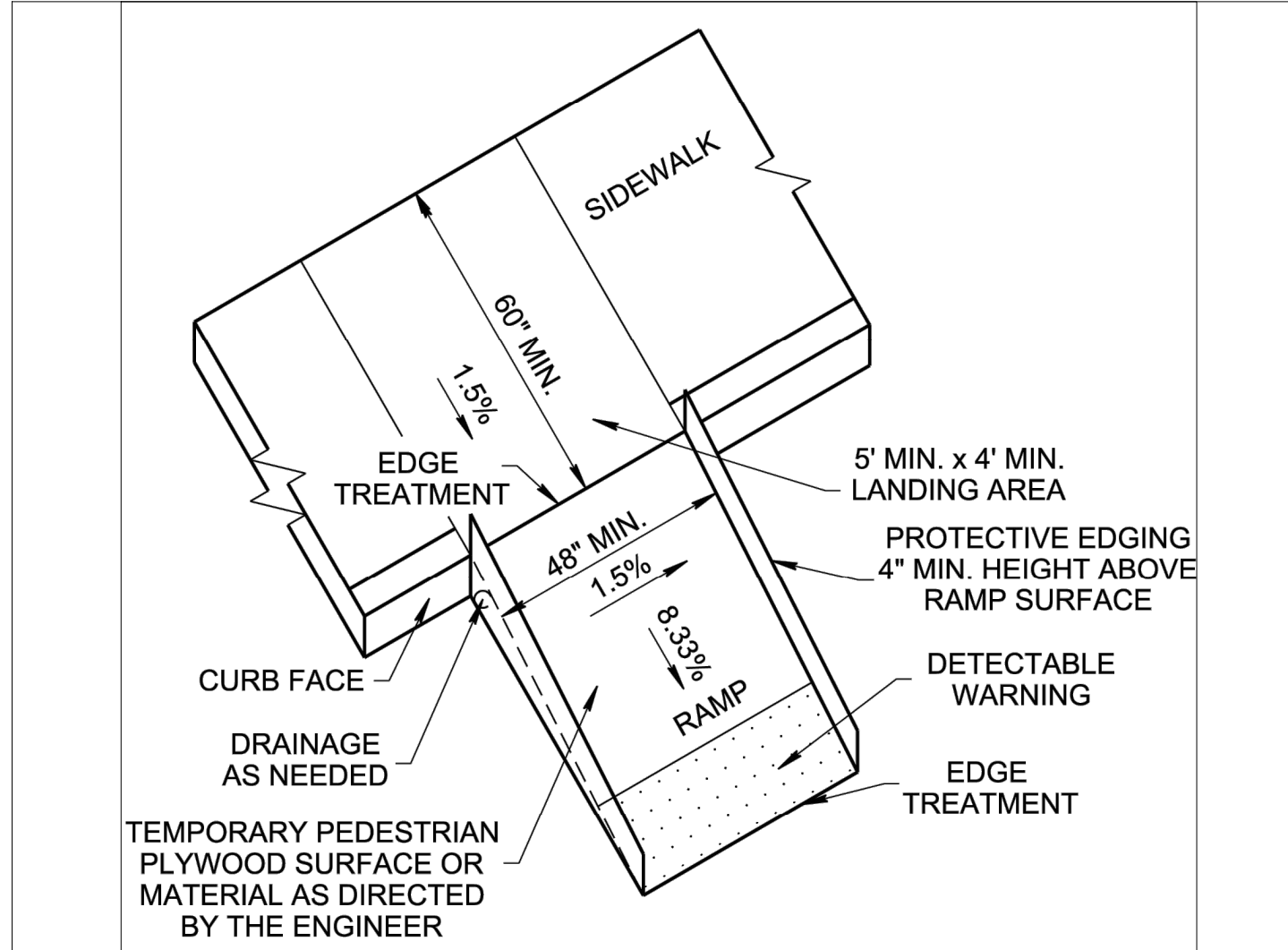
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WEST END AVE. FROM 31ST AVE TO 28TH AVE N



PEDESTRIAN DIVERSION AT WORK ZONE



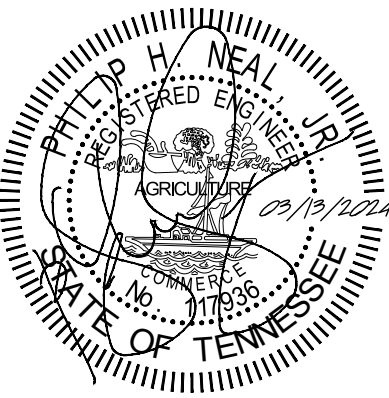
TEMPORARY PEDESTRIAN ACCESS ROUTES PERPENDICULAR CURB RAMP OPTION FROM TDOT STANDARD DETAIL T-WZ-55

**SIGNAGE LEGEND**


- NDOT NOTES**
- FOUR METERED PARKING SPACES AT 2829 WEST END AVE. WILL BE CLOSED FOR THE DURATION OF THIS WORK.
  - THE PHASE NOTED AS "DAY" IS REQUIRED FROM 7:00 A.M. TO 6:00 P.M.
  - THE TRANSITION TO THE "DAY" CONFIGURATION MUST BE COMPLETED BY 7:00 A.M.
  - THE PHASES AS "NIGHT" IS ALLOWED FROM 7:00 P.M. TO 6:00 A.M.
  - THE TRANSITION TO THE "NIGHT" CONFIGURATION MAY NOT BEGIN UNTIL 7:00 P.M.
  - NIGHT CONFIGURATION WILL HAVE TWO UNIFORMED POLICE OFFICERS POSTED TO DIRECT TRAFFIC.

- SIDEWALK DIVERSION NOTES**
- THE PEDESTRIAN WALKWAY SHALL BE AT LEAST 5' WIDE.
  - TEMPORARY FACILITIES SHALL BE COMPLIANT WITH THE CURRENT VERSION OF THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG).
  - DIVERSIONS MUST BE CLEARLY IDENTIFIED, PROTECTED FROM TRAFFIC AND FREE FROM HAZARDS.
  - PEDESTRIANS CONSTRUCTION BARRIER FENCE SHALL BE CONTINUOUS THROUGHOUT THE LENGTH OF THE DIVERSION WITH A DETECTABLE EDGING WITH A BOTTOM NO HIGHER THAN 2" ABOVE THE SURFACE AND A TOP NO LOWER THAN 32" ABOVE THE SURFACE. THE PEDESTRIAN CHANNELIZATION DEVICE SHALL BE ORANGE. HIGH VISIBILITY FENCE, PEDESTRIAN RAIL AND CHAIN LINK FENCE ARE ACCEPTABLE.
  - CROSSING THE DIVERSION PATH BY CONSTRUCTION VEHICLES SHOULD BE AVOIDED. WHEN NECESSARY IT SHALL BE CONTROLLED BY FLAGGER.
  - A SMOOTH, HARD, CONTINUOUS AND RIDEABLE SURFACE SHALL BE PROVIDED THROUGHOUT THE LENGTH OF THE DIVERSION.

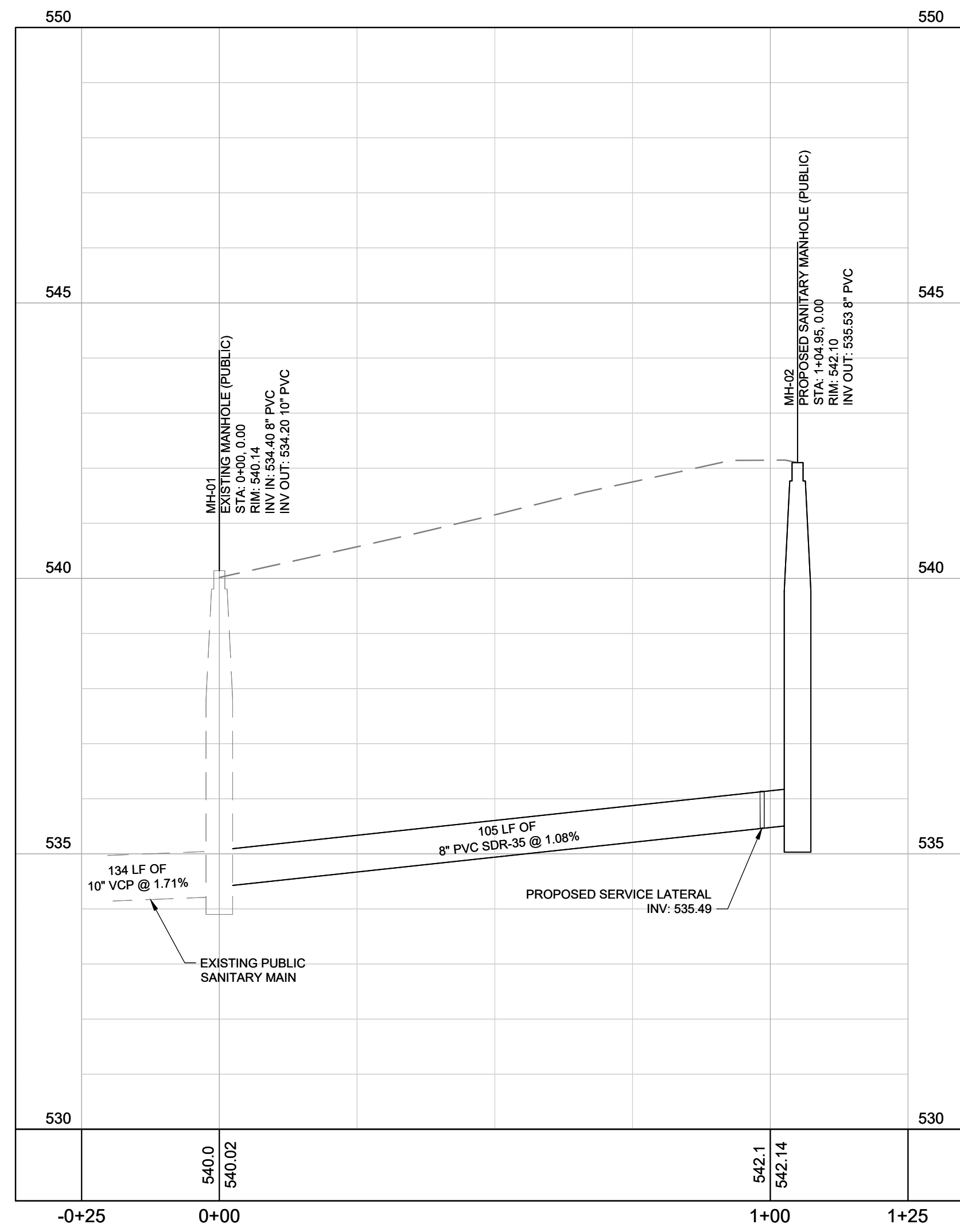
- MAINTENANCE OF TRAFFIC GENERAL NOTES**
- TRAFFIC CONTROL SHALL COMPLY WITH THE LATEST VERSION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THIS MAINTENANCE OF TRAFFIC PLAN, AND/OR AS DIRECTED BY NDOT.
  - CONSTRUCTION WORK HOURS SHALL BE IN ACCORDANCE WITH THE METRO NASHVILLE CODE OF ORDINANCES. NIGHT WORK MAY BE PERFORMED WITH A PERMIT FROM THE METRO NASHVILLE CODES DEPARTMENT.
  - THE CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLANS TO NDOT PRIOR TO INSTALLATION OF TRAFFIC CONTROL DEVICES FOR EACH PHASE.
  - DURING CONSTRUCTION, THE CONTRACTOR SHALL EITHER MAINTAIN APPROPRIATE SIGHT DISTANCE TO ALL TRAFFIC SIGNS OR PROVIDE FOR TEMPORARY SIGNAGE OR FLAGGERS TO GUIDE TRAFFIC THROUGH WORK ZONES. THE MINIMUM LANE WIDTH SHOULD BE 10 FEET.
  - THE CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE ENTRANCES AND DRIVEWAYS AT ALL TIMES.
  - ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE RETROREFLECTIVE OR ILLUMINATED DURING NIGHT TIME HOURS.
  - PEDESTRIAN TRAFFIC SHALL BE MAINTAINED AT ALL TIMES WHERE EXISTING SIDEWALKS ARE PRESENT. WHEN NECESSARY, PEDESTRIANS SHALL BE APPROPRIATELY DIRECTED WITH ADVANCED WARNING SIGNS, PLACED AT INTERSECTIONS, TO CROSS TO THE OPPOSITE SIDE OF THE ROADWAY IN ORDER TO PREVENT CONFLICT WITH MIDLBLOCK WORK SITES.
  - BICYCLE TRAFFIC SHALL BE MAINTAINED AT ALL TIMES WHERE EXISTING BICYCLE FACILITIES ARE PRESENT.
  - PEDESTRIAN AND BICYCLE TRAFFIC SHALL BE SEPARATED FROM WORK ZONES WITH APPROPRIATE MEASURES IN ACCORDANCE WITH THE MUTCD.
  - ADEQUATE PROVISIONS FOR PERSONS WITH DISABILITIES SHALL BE PROVIDED AT ALL TIMES PER ADA REQUIREMENTS WHERE EXISTING ACCESSIBLE FACILITIES ARE PRESENT.
  - ALL EXISTING FIRE HYDRANTS AND FIRE DEPARTMENT CONNECTIONS SHALL BE MAINTAINED UNOBSTRUCTED AND ACCESSIBLE AT ALL TIMES.
  - ACCESS TO BUILDINGS FOR FIREFIGHTING SHALL BE MAINTAINED AT ALL TIMES. EXISTING FIRE APPARATUS ACCESS ROADS (FIRE LANES) SHALL BE KEPT CLEAR OF OBSTRUCTIONS.



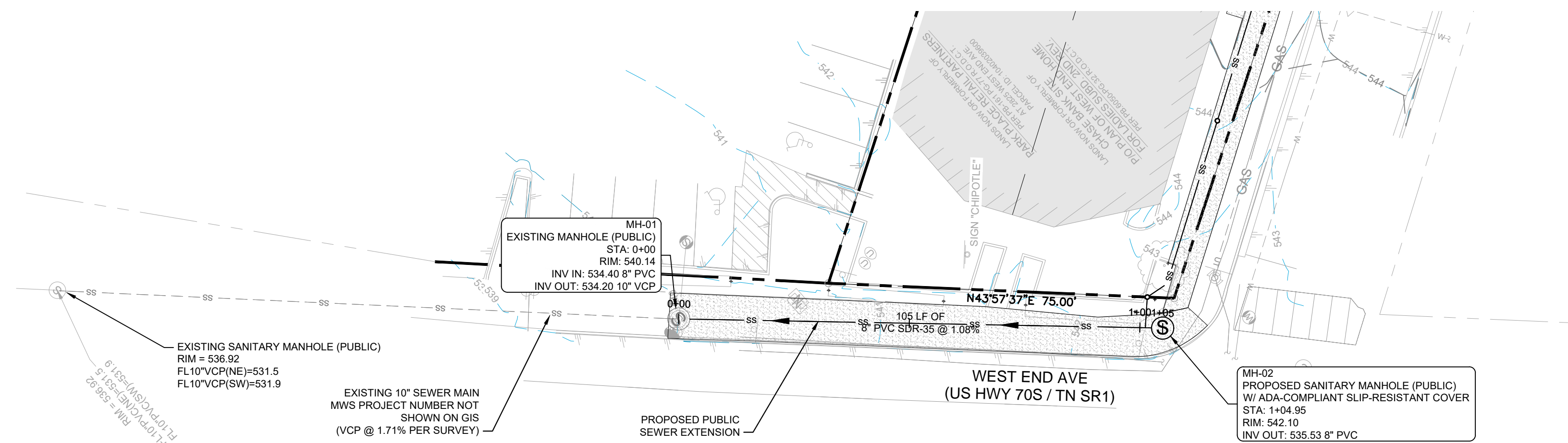
DESIGNED BY:	NMM
DRAWN BY:	NMM
CHECKED BY:	PHN
DATE:	03-13-2024
KIMLEY-HORN PROJECT NO.:	015071080
TRAFFIC CONTROL PLAN (NIGHT)	
SHEET NUMBER	<b>TC1-01</b>



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**SANITARY SEWER PROFILE**  
**1" = 20' H**  
**1" = 2' V**



- UTILITY NOTES**
- CONTRACTOR RESPONSIBLE FOR VERIFYING EXISTING ELEVATIONS COMPARED TO THOSE SHOWN ON PLAN PRIOR TO GRADING. NOTIFY OWNER'S REPRESENTATIVE IF DISCREPANCIES ARE FOUND.
  - AREAS FOR CONSTRUCTION THAT REQUIRE DE-WATERING FOR EXCAVATION WILL BE DONE AT NO ADDITIONAL COST TO THE OWNER.
  - ALL WATER MATERIALS AND CONSTRUCTION SHALL BE IN COMPLIANCE WITH METRO WATER SERVICES' STANDARD SPECIFICATIONS, LATEST EDITION.
  - ALL SEWER MATERIALS AND CONSTRUCTION SHALL BE IN COMPLIANCE WITH METRO WATER SERVICES' STANDARD SPECIFICATIONS, LATEST EDITION.
  - MAINTAIN MINIMUM 10 FEET HORIZONTAL SEPARATION BETWEEN WATER & SANITARY SEWER OR 18" VERTICAL SEPARATION AT CROSSING LOCATIONS.
  - REFER TO METRO WATER SERVICES' STANDARD SPECIFICATIONS FOR PIPE BEDDING REQUIREMENTS.
  - ALL WATER VALVES TO BE LOCATED OUTSIDE OF PAVED AREAS WHERE POSSIBLE.
  - THE CONTRACTOR SHALL PROVIDE A COMPLETE SET OF AS-BUILT DRAWINGS OF WATER & SANITARY SEWER CONSTRUCTION PRIOR TO THE ACCEPTANCE OF THE PUBLIC UTILITIES.

**EXISTING UTILITIES NOTE**

CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES AND NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES AND/OR CONFLICTS WITH EXISTING OR PROPOSED UTILITIES PRIOR TO PROCEEDING.

- MWS PUBLIC UTILITY PLAN NOTES**
- ALL WATER AND SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH SPECIFICATIONS AND STANDARD DETAILS OF THE METRO WATER SERVICES.
  - THE CONTRACTOR IS RESPONSIBLE FOR REIMBURSING THE METRO WATER SERVICES THE COST OF INSPECTION.
  - THE CONTRACTOR IS TO PROVIDE AND MAINTAIN THE CONSTRUCTION IDENTIFICATION SIGN FOR PRIVATE DEVELOPMENT APPROVED.
  - AFTER COMPLETION OF THE SANITARY SEWER, THE DEVELOPER IS RESPONSIBLE FOR THE TELEVISIONING OF THE LINES PRIOR TO FINAL ACCEPTANCE. THE VIDEOTAPING MUST BE COORDINATED WITH THE METRO WATER SERVICES INSPECTION SECTION. ALL COSTS WILL BE BORNE BY THE DEVELOPER.
  - ALL CONNECTIONS TO EXISTING MANHOLES SHALL BE BY CORING AND RESILIENT CONNECTOR METHOD.
  - REDUCED PRESSURE BACKFLOW PREVENTION DEVICES (RPBP) OR DUAL CHECK VALVE WILL BE REQUIRED ON ALL TEST AND FILL LINES (JUMPER) NEEDED FOR WATER MAIN CONSTRUCTION AND MUST BE APPROVED BY THE METRO WATER SERVICES.
  - ALL WATER METERS SHALL BE A MINIMUM OF 24" NOT TO EXCEED A MAXIMUM OF 28" BELOW FINISHED GRADE.
  - UPON COMPLETION OF CONSTRUCTION OF WATER AND/OR SEWER, THE ENGINEER SHALL PROVIDE THE DEPARTMENT WITH A COMPLETE SET OF AS-BUILT PLANS IN DIGITAL (DWG AND PDF) FORMAT. ALL DRAWINGS MUST BE COMPLETED AND SUBMITTED PRIOR TO ACCEPTANCE OF THE SEWERS OR WATER MAINS INTO THE PUBLIC SYSTEM AND ANY CONNECTIONS BEING MADE.
  - SEWER PLANS SHALL BE SEALED BY A LICENSED PROFESSIONAL ENGINEER AND/OR A REGISTERED LAND SURVEYOR AND SHALL INCLUDE ACTUAL FIELD ANGLES BETWEEN LINES, ALL ACTUAL SERVICE LINES AND TEE LOCATIONS, THE DISTANCE OF THE END OF THE SERVICE LINE TO PROPERTY CORNERS AND LINES AND/OR STATION AND OFFSET FROM SEWER CENTERLINE TO END OF SERVICE LINE, THE DEPTH TO THE TOP OF THE END OF THE SERVICE LINE, AND SHALL REFLECT ALL ALIGNMENT AND GRADE CHANGES.
  - WATER LINE PLANS SHALL BE SEALED BY A LICENSED PROFESSIONAL ENGINEER AND/OR A REGISTERED LAND SURVEYOR AND SHALL INCLUDE OFFSET DISTANCE FROM THE ROADWAY CENTERLINE, OR PROPERTY LINE, RIGHT OF WAY, LINE DEPTH, LOCATIONS OF HYDRANTS, VALVES, REDUCERS, TEES AND PRESSURE REDUCING DEVICES WHERE APPLICABLE.
  - PRESSURE REGULATING DEVICES WILL BE REQUIRED ON THE CUSTOMER SIDE OF THE METER WHEN PRESSURES EXCEED 100 PSI.
  - PRESSURE REGULATING DEVICES WILL BE REQUIRED ON THE STREET SIDE OF THE METER WHEN PRESSURES EXCEED 150 PSI.
  - ALL WATER MAINS MUST BE LOCATED WITHIN THE PAVED AREA INCLUDING ALL BLOW-OFF ASSEMBLIES.
  - ALL LEAD OR GALVANIZED WATER SERVICE LINES ENCOUNTERED WITH THIS PROJECT SHALL BE REINSTATED WITH COPPER OF LIKE SIZE FROM THE WATER MAIN TO THE METER BOX.
  - DOMESTIC AND IRRIGATION WATER METERS AND ASSOCIATED APPURTENANCES SHALL NOT BE PLACED IN OR UNDER A PAVED OR IMPROVED SURFACE OTHER THAN THE PORTION OF THE SERVICE LOCATED WITHIN THE RIGHT OF WAY.
  - SANITARY SEWER TAPS SHALL BE PLACED AT THE LOWEST ADJACENT SEWER MAIN ELEVATION FOR EACH PREMISES AND SHALL NOT BE LOCATED IN OR UNDER A PAVED OR IMPROVED SURFACE OTHER THAN THE PORTION WITHIN THE RIGHT OF WAY.

METRO WATER SERVICES - NASHVILLE, TN  
 "APPROVED FOR CONSTRUCTION"

UNDER AUTHORITY DELEGATED BY THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION DIVISION OF WATER RESOURCES, THIS DOCUMENT HAS BEEN REVIEWED BY THE DEPARTMENT OF WATER AND SEWERAGE SERVICES OR CONTRACTED PROFESSIONAL AND IS HEREBY APPROVED FOR CONSTRUCTION. THIS APPROVAL SHALL NOT BE CONSTRUED AS AN ASSURANCE THAT THE APPROVEMENTS SPECIFIED IN THIS DOCUMENT BEARING THIS STAMP WILL FUNCTION AS INTENDED.

Public Sewer: 252610210  
 Public Water: 752

MWS Engineer: [Signature]  
 Date: 12/18/2023

"APPROVAL EXPRESS ONE YEAR FROM THE DATE ABOVE"



HORIZONTAL DATUM: NAD1983 (CONUS) USFT  
 VERTICAL DATUM: NAVD88 USFT

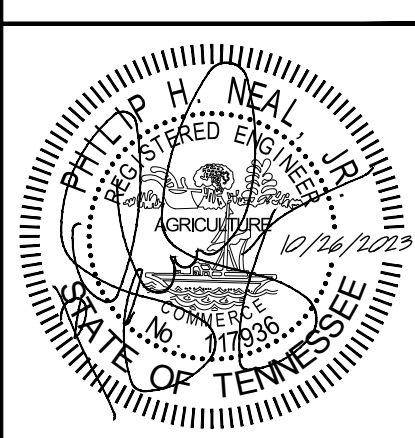
GRAPHIC SCALE IN FEET  
 0 10 20 40

**Kimley»Horn**

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 Main: 615.564.2701 | www.kimley-horn.com  
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**CHASE**

WEST END  
 2829 WEST END AVE. NASHVILLE, TN



NO.	DATE	BY	REVISIONS
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

DESIGNED BY: SAS  
 DRAWN BY: SAS  
 CHECKED BY: PHN  
 DATE: 10-26-2023  
 KIMLEY-HORN PROJECT NO. 015071080

PUBLIC SEWER PLAN AND PROFILE

SHEET NUMBER  
**C6-10**



Work Hours will be 7 pm to 9 am

Sidewalk Closure Requested for 31 days

2829 West End Ave.