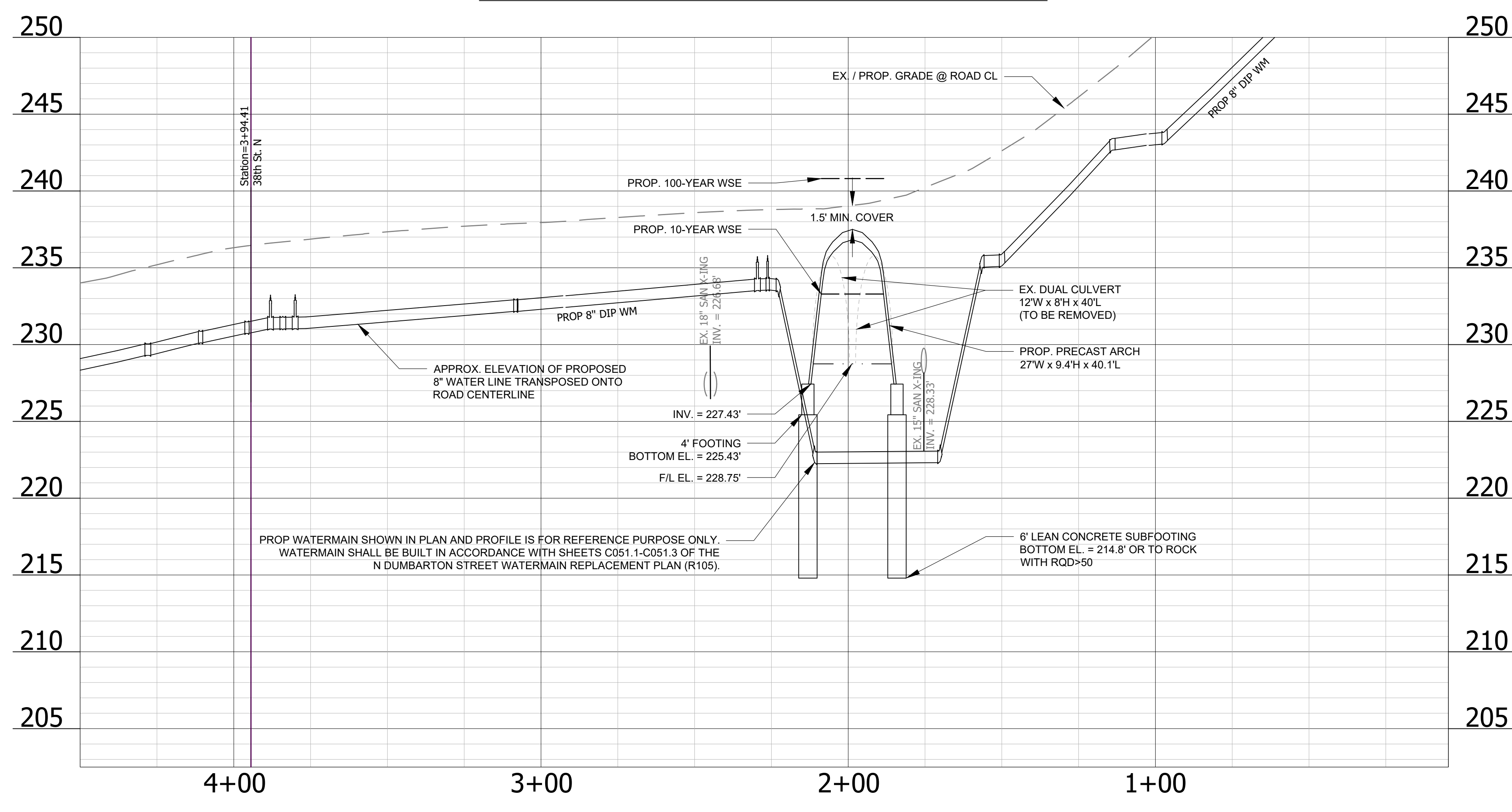


N. DUMBARTON ST. AT STR. 22720 - ROADWAY



NOTE: PROFILE IS CUT ALONG ROADWAY CENTERLINE. APPROXIMATE LOCATION OF PROPOSED 8" WATER LINE HAS BEEN TRANSPOSED ONTO ROAD CENTERLINE. SEE SHEET C041.4 FOR CULVERT PROFILE AND UTILITY CROSSINGS OF CULVERT.

CONSTRUCTION NOTES

- 1 PROP STANDARD DROP INLET DI-1, VDOT ROAD & BRIDGE STANDARDS (104.01)
- 2 CONNECT PROPOSED PIPE TO EXISTING STRUCTURE PER ARL CONSTR SPEC 02505 - 3.5
- 3 RESTORE DRIVEWAY WITH RESIDENTIAL CONCRETE DRIVEWAY ENTRANCE (STANDARD) ARL STD (R-2.4A)
- 4 REPLACE EXISTING ASPHALT WITH 5" BM-25.0A AND 2" SM-9.5A (SEE C006.1 FOR TYPICAL SECTION)
- 5 EXISTING APRON AND DRIVEWAY TO BE REPLACED UP TO LIMITS SHOWN.
- 6 INSTALL PAVED FLUME WITH ASPHALT CURB INTO STR. 1-1. SET FLUME WIDTH EQUAL TO INLET CONCRETE APRON WIDTH
- 7 REPLACE EXISTING GUARDRAIL
- 8 INSTALL ARCH CULVERT PER UPSTREAM CULVERT REPLACEMENT DETAILS. SEE SHEETS C042.12-C042.23
- 9 INSTALL CLASS II DRY RIP RAP. SEE SHEET C075.1 FOR HYDRAULIC CALCULATIONS. ENSURE RIP RAP TIES INTO BANKS.
- 10 RE-GRADE RESIDENTIAL LAWNS AS IN EXISTING CONDITIONS. LANDSCAPE TO BE RE-STABILIZED AS SHOWN IN LANDSCAPING PLANS. SEE SHEET C091.2
- 11 SURVEY BENCHMARK TO BE RE-LOCATED PRIOR TO CONSTRUCTION
- 12 ALLOW FOR 1' STRIP OF SOIL BETWEEN RIPRAP AND DRIVEWAY TO ALLOW FOR LANDSCAPING
- 13 TEMPORARILY RELOCATE EXISTING MAILBOX DURING CONSTRUCTION AND RESTORE TO EXISTING CONDITIONS POST-CONSTRUCTION
- 14 EXISTING CURB TO REMAIN IN PLACE
- 15 EXISTING LIGHT POLE TO REMAIN IN PLACE
- 16 THE MINIMUM BOTTOM ELEVATION OF THE LEAN CONCRETE SUBFOOTER IS TO BE EITHER 1 FOOT BELOW THE CALCULATED SCOUR DEPTH OR THE TOP OF ROCK ELEVATION WITH RQD>50, WHICHEVER IS HIGHER. CONTRACTOR TO CONFIRM ROCK ELEVATION IN THE FIELD.
- 17 CONSTRUCT ASPHALT CURB TO DIRECT FLOW OVER PROPOSED WINGWALL INTO RIPRAP

- PROP FULL DEPTH ASPHALT
- ▨ REPLACE EX DRIVEWAY W/ ASPHALT

ARLINGTON VIRGINIA

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SEAL

JAMES C. FILSON, II
 Lic. No. 030714
 2/15/2023
 PROFESSIONAL ENGINEER

| APPROVALS | DATE |
|------------------------------------|------|
| DESIGN TEAM ENGINEER SUPERVISOR | |
| CONSTRUCTION MANAGEMENT SUPERVISOR | |
| WATER, SEWER, STREETS BUREAU CHIEF | |
| TRANSPORTATION DIRECTOR | |
| PROJECT MANAGER | |

| REVISIONS | DATE |
|------------|----------|
| REVISION 1 | 09/30/22 |
| REVISION 2 | 02/06/23 |

N. DUMBARTON CULVERT REPLACEMENTS
 100% SUBMISSION
 PROJECT NUMBER: SD36
 N. DUMBARTON STREET
 PLAN AND PROFILE FOR ROADWAY
 UPSTREAM CULVERT STR 22720

DESIGNED: M. LEONARD / K. BRANDT
 DRAWN: M. LEONARD
 CHECKED: J. FILSON
 PLOTTED: FEBRUARY 14 2023

