!! CAUTION !!

UTILITIES IN THE AREA, BEFORE CONSTRUCTION
UTILIZE 1 CALL 1-800-252-1166

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL " C ". THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

PLAN SYMBOLS

| RIGHT-OF-WAY LINE DRADIAGE DITCH. | |
|--|----------------------------|
| RIGHT-OF-WAY LINE DRAINAGE DITCH SECTION LINE | |
| QUARTER LINE····· | |
| PROPERTY LINE · · · · · · · · · · · · · · · · · · · | |
| BAH BOAD | |
| RAILROAD· · · · · · · · · · · · · · · · · · · | |
| SANITARY SEWER - EXISTING · · · · · · · · · · | |
| SANITARY SEWER - PROPOSED · · · · · · · · · · · · · · · · · · · | ss |
| SANITARY SEWER SERVICE - EXISTING | ss-sv |
| SANITARY SEWER SERVICE - PROPOSED· · · · · SANITARY SEWER FORCE MAIN · · · · · · · · · · · · · · · · · · · | |
| STORM SEWER - EXISTING · · · · · · · · · · · · · · · · · · · | |
| STORM SEWER - PROPOSED· · · · · · · · · · · · · · · · · · · | st |
| WATER PROPOSED | |
| WATER - PROPOSED· · · · · · · · · · WATER SERVICE - EXISTING · · · · · · · · · · · · · · · · · · · | |
| WATER SERVICE - PROPOSED · · · · · · · · · · · · | |
| TELEPHONE····· | TEL |
| TELEVISION | ——CATV—— |
| FIBER OPTIC· · · · · · · · · · · · · · · · · · · | |
| UNDERGROUND POWER· · · · · · · · · · · · · · · · · · · | |
| PETROLEUM PIPELINE · · · · · · · · · · · · · · · · · · · | PETRO |
| GAS | |
| CURB & GUTTER - EXISTING CURB & GUTTER - PROPOSED | |
| | |
| SANITARY MANHOLE | ······ (SS) |
| STORM MANHOLE | ······ (sī) |
| EXISTING MANHOLE· · · · · · · · · · · · · · · · · · · | 💮 |
| HYDRANT····· | ······ ¾ |
| EXISTING HYDRANT · · · · · · · · · · · · · · · · · · · | ······ 🍟 |
| GATE VALVE· · · · · · · · · · · · · · · · · · · | ······ |
| EXISTING GATE VALVE· · · · · · · · · · · · · · · · · · · | •••• |
| CLEAN OUT· · · · · · · · · · · · · · · · · · · | |
| CURB STOP· · · · · · · · · · · · · · · · · · · | ······· 👸 |
| PROPOSED INLET · · · · · · · · · · · · · · · · · · · | |
| EXISTING INLET | |
| SIGN - STREET NAME: | |
| SIGN - REGULATORY / WARNING· · · · · · · · · · · | ····· |
| POWER POLE· · · · · · · · · · · · · · · · · · · | or |
| STREET LIGHT · · · · · · · · · · · · · · · · · · · | ······- \ or -\ |
| ELECTRICAL TRANSFORMER · · · · · · · · · · · · · · · · · · · | EL or EL |
| UTILITY PEDESTAL····· | TEL or TEL |
| UTILITY HANDHOLD / VAULT · · · · · · · · · · · · · · · · · · · | or U |
| DECIDUOUS TREE····· | ····· 😝 or 😝 |
| CONIFEROUS TREE· · · · · · · · · · · · · · · · · · · | ····· 🕌 or 🕌 |
| BUSH / HEDGE · · · · · · · · · · · · · · · · · · · | ⊖ or ⊖ |

City of Moorhead

Right-of-Way Details and Standards



| | INDEX |
|-----------|--|
| SHEET NO. | TITLE |
| 1 | Title Sheet |
| 2 | Street Patch Repair Details |
| 3 | Sidewalk & Private Drive Details |
| 4 | Sidewalk & ADA Ramp Details |
| 5 | Storm Sewer Details |
| 6 | Storm Sewer Curb Details |
| 7 | Water and Sewer Service Details |
| 8 | Utility Location Construction Standard |
| | |

| S.P. No. | ENG. No. | LEGAL. No. |
|-----------------|------------|-------------|
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| <i>DRAWN</i> BY | CHECKED BY | APPROVED BY |



WITH CITY OF MOORHEAD SPECIFICATIONS AND STANDARDS.
AL RIGHT-OF-WAY WORK MUST BE APPROVED AND PERMIT ANY WORK MAY COMMENCE.

EFFECTIVE DATE: 01-01-25

etails and Standards

Right-of-Way
Details and Standar

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SPECIFICATION REFERENCE

THE 2014 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN, AS MODIFIED BY THE CITY OF MOORHEAD SPECIFICATIONS AND SPECIAL PROVISIONS.

ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE 2014 MMUTCD, AND TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS (FIELD MANUAL) DATED JANUARY 2014.

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Any are of work that requires the removal, physical disturbance, penetration, or crossing of any part of the City maintained public right-of-way is subject to the requirements of the following details in accordance with the City Code Title 8 Chapter 4. Any area affected by any excavation activity, including the staging area for the storage of equipment and materials, located in either the roadway or boulevard; will require a permit before commencement of work.

RIGHT-OF-WAY EXCAVATION PERMIT

Excavation permits are required whenever an excavation or underground work is planned within the public right-of-way. No person may execute any type of work in the public right-of-way without first having obtained the appropriate right-of-way permit from the City Engineering Department.

Applicants must submit a completed permit application along with the following information (Online application can be found at: https://moorheadmn.gov/departments/engineering/permits):

- Scaled drawings, designs, or plans showing the scope of work and location of the proposed project
- \$25,000 minimum Contractor Bond on file with the City prior to submittal of any permits
- Certificate of Liability Insurance with the City of Moorhead listed as additional insured

FEES

Boring, Trenching & Excavations (Length of boring and trenching activities and the total perimeter of excavation area; includes stormwater fees):

0' - 500' = \$285 501' - 1500' = \$620 1501' - 5000' = \$1,420

Any projects with disturbance areas greater than 5,000 LF will require multiple permit applications.

DRIVEWAY, SIDEWALK, CULVERT & CURB/GUTTER PERMITS

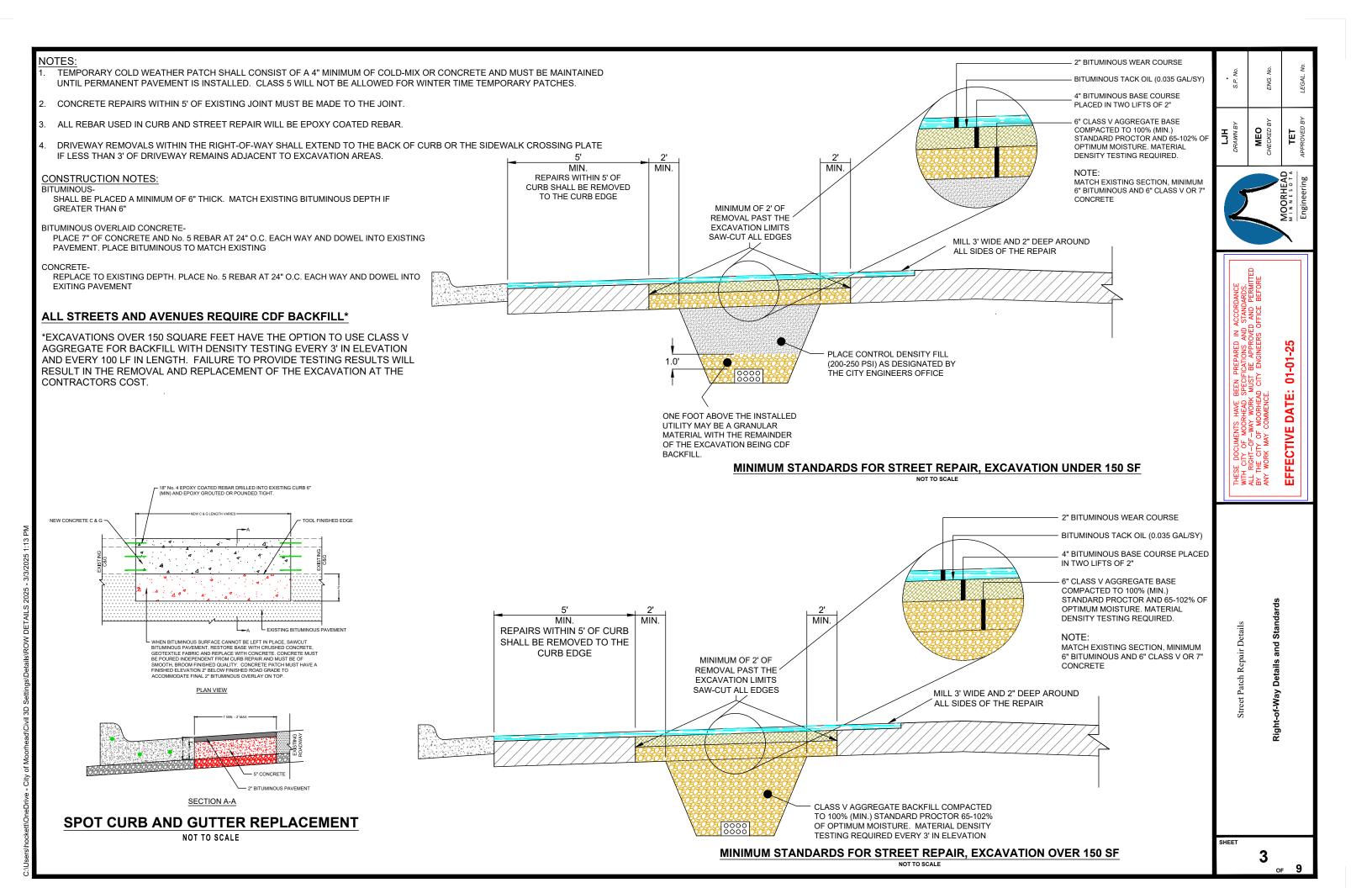
Right-of-way permits are required for installing driveway approaches, sidewalks, culverts, and curb/gutter in the public right-of-way. The permit will only be issued to a bonded contractor or homeowner who obtains a Certificate of Insurance bond in the amount of \$5,000 payable to the City of Moorhead.

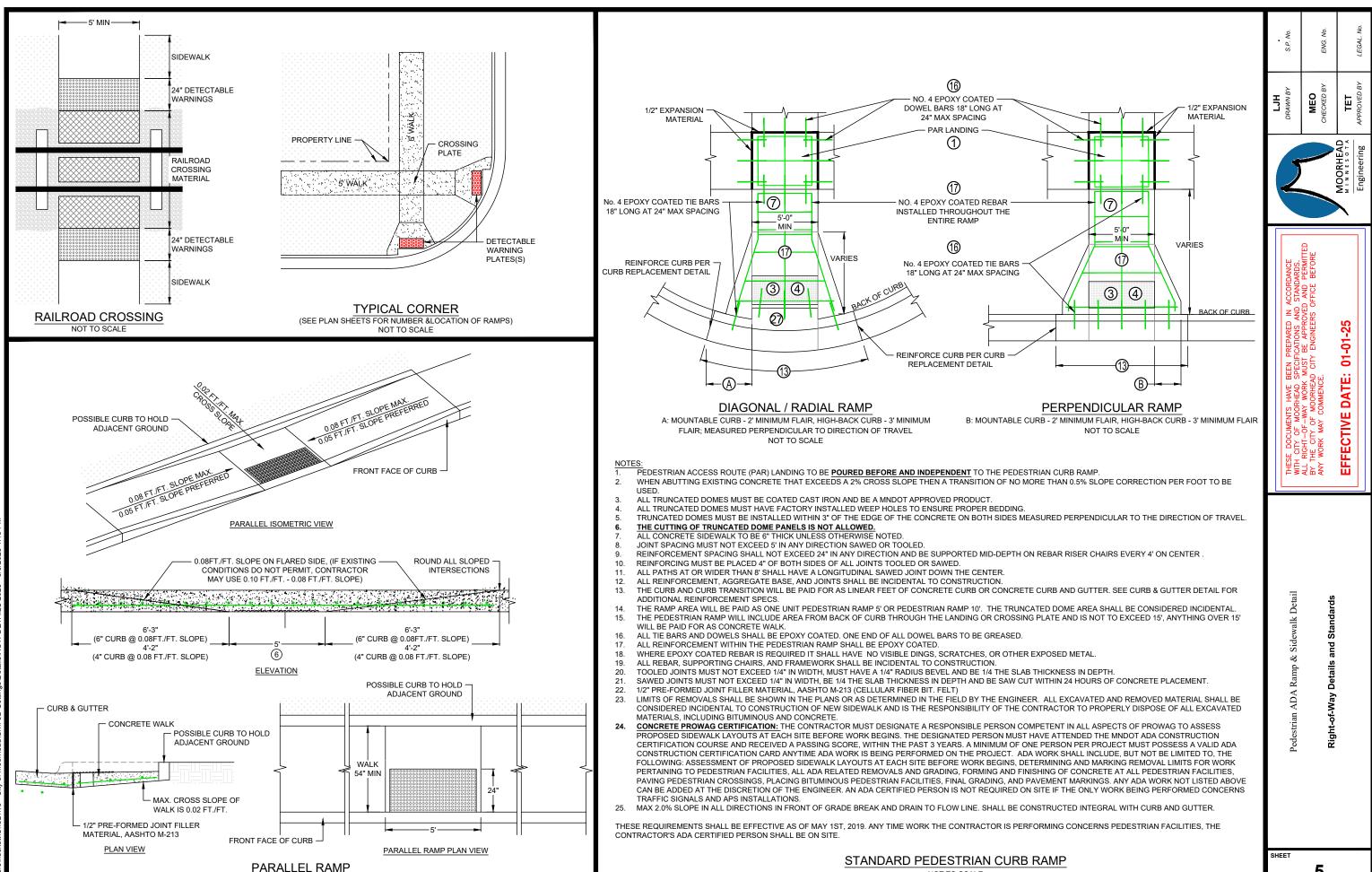
FEES

Driveway Approach Permit = \$50 Culvert Permit = \$50 Sidewalk Permit = \$50 per 50' Increment Curb & Gutter Permit = \$50 per 50' Increment

| S.P. No. | ENG. No. | LEGAL. No. |
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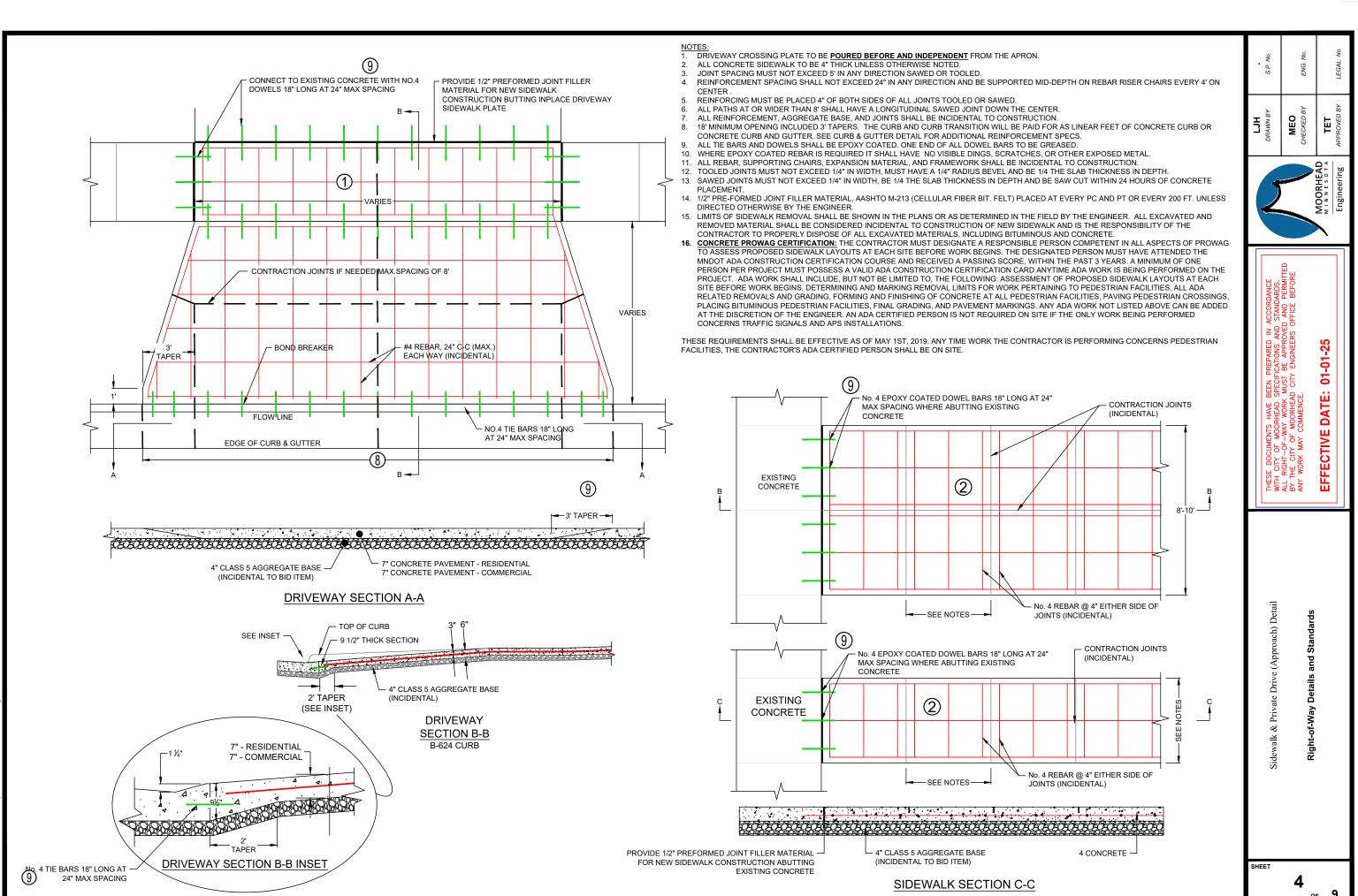




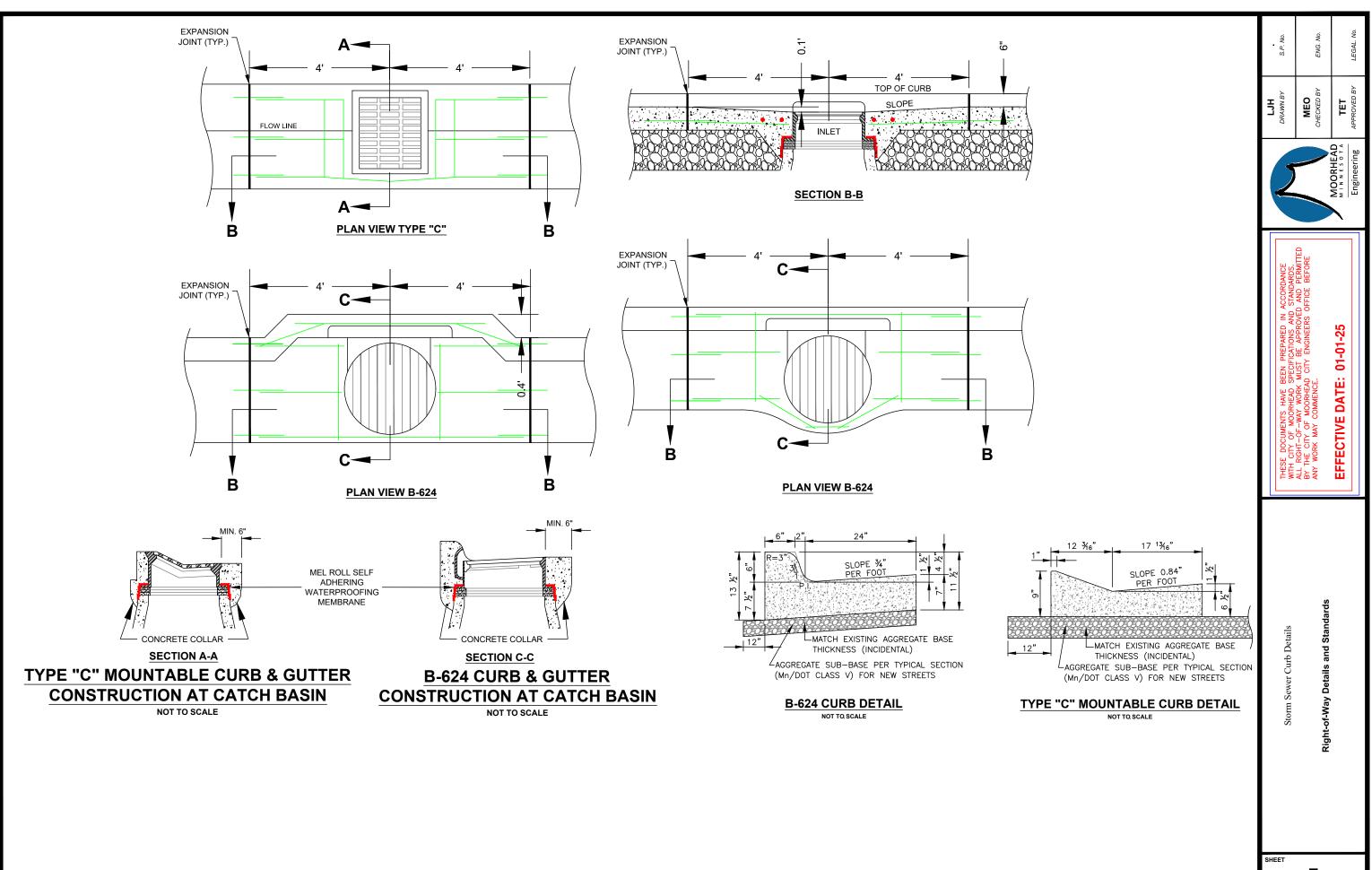


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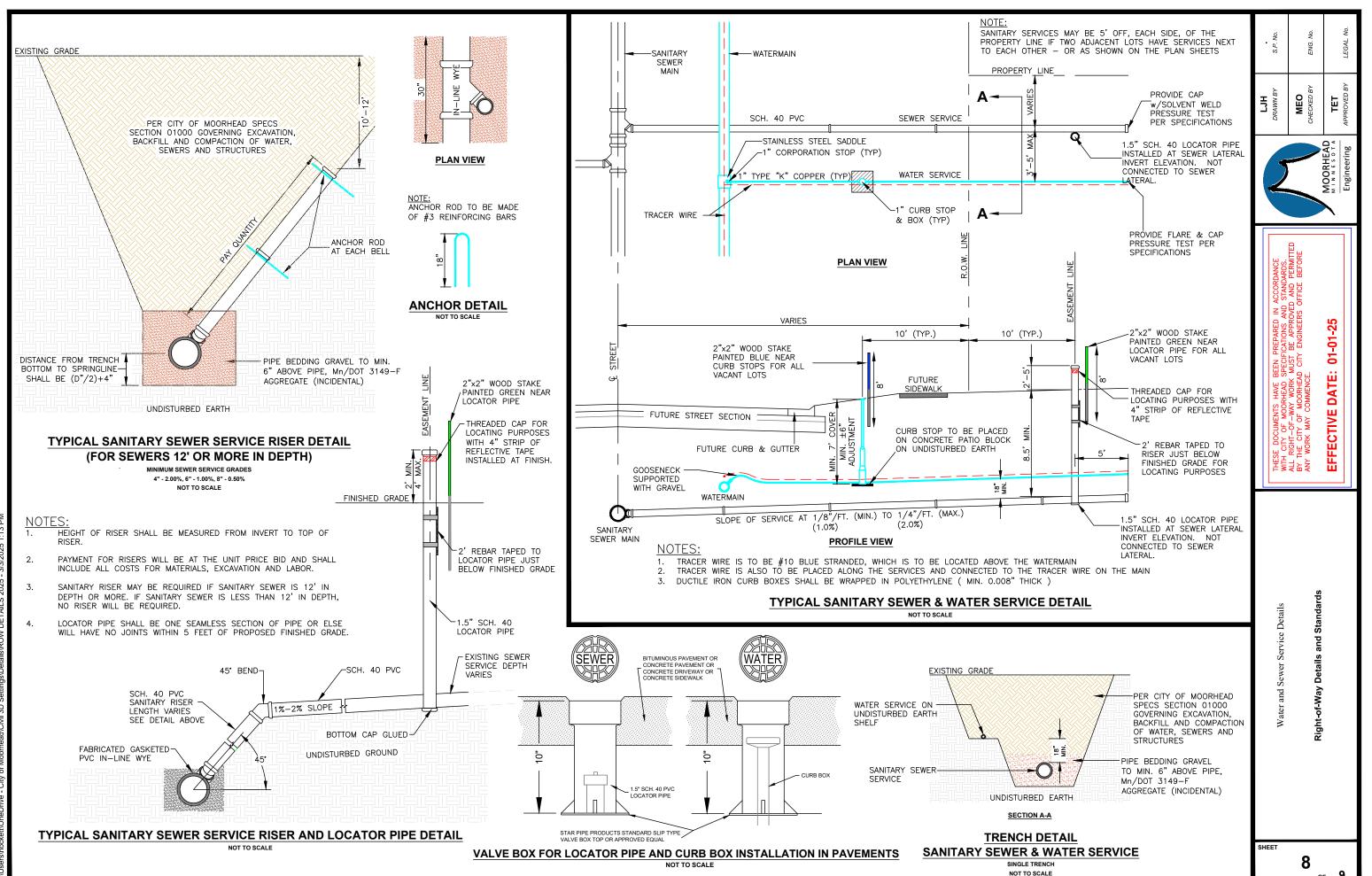


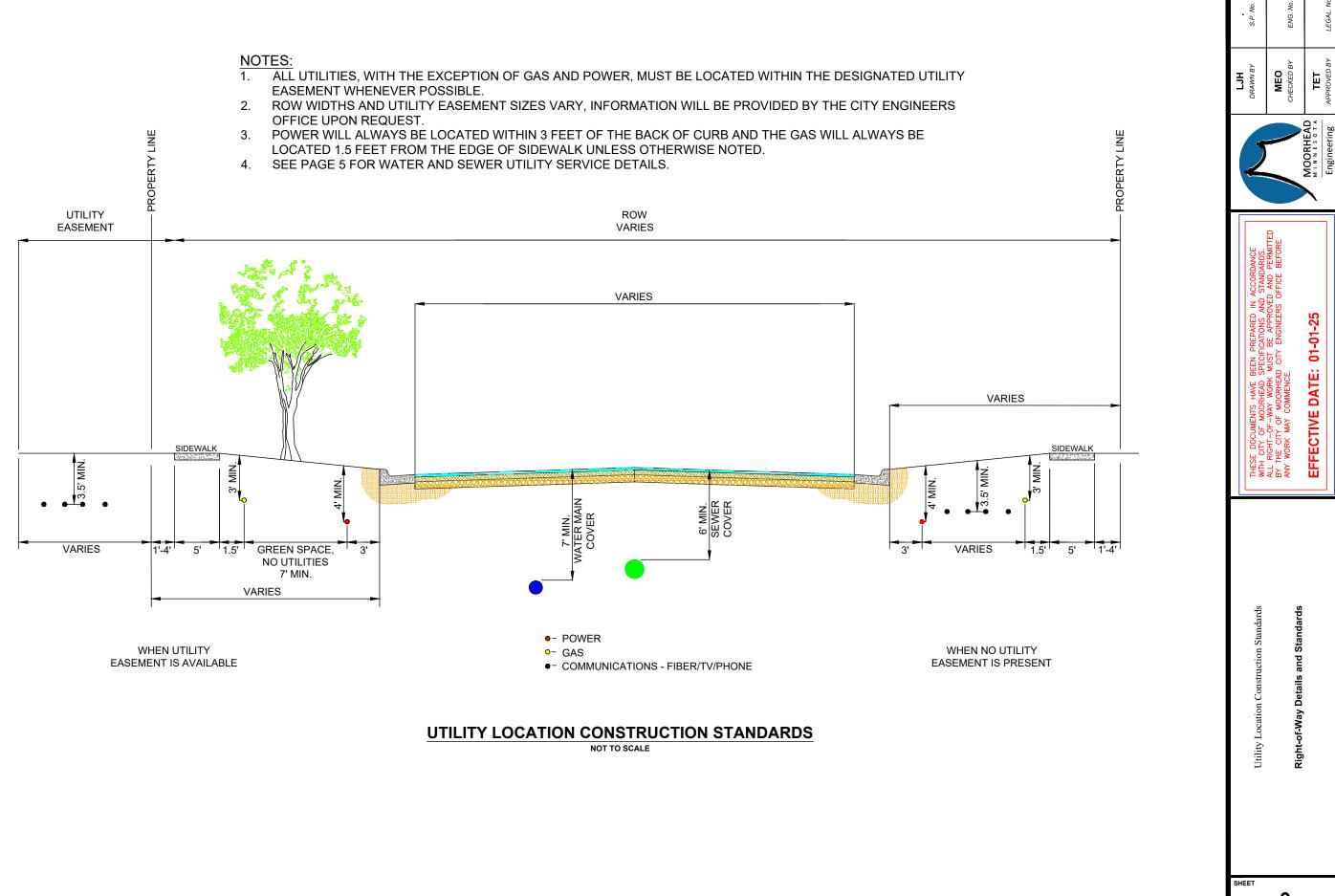
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