

City General Notes

- 1. Driveway locations shall not interfere with the sidewalk handrail ramps, or curb inlet sumps.
2. Sidewalk, curb and gutter, and accessible parking spaces shall be constructed in accordance with the current approved 'American with Disabilities Act Accessibility Guidelines' (ADAAG) along with the required grades, construction materials, specifications and signage.
3. Any conflict occurs between the above information and the plans, the ADAAG guidelines shall take precedence and the contractor prior to any construction shall notify the Project Engineer.

City Grading Notes

- 1. Developer must supply City Construction Inspectors with an Engineer's soil reports prior to and during site grading. The soil report will be required to contain the following information on soil test curves (Proctor reports) for projects within the City:
1.1. Maximum dry density
1.2. Optimum moisture content
1.3. Maximum and minimum allowable moisture content
1.4. Curve must be plotted to show density from a minimum of 90% Compaction and above as determined by the 'Modified AASHTO T-180 Compaction Test' (A.S.T.M.-D-157) to a minimum of 95% as determined by the 'Standard Proctor Test ASHTO T-99, Method C' (A.S.T.M.-D-698).

City Storm Sewer Notes

- 1. All Storm Sewer installation is to be in accordance with M.S.D. standards and specifications except as modified by the City of O'Fallon ordinances.
2. Brick shall not be used in the construction of storm sewer structures. Precast concrete structures are to be used unless otherwise approved by the City of O'Fallon.
3. A 3/8" trash bar shall be installed horizontally across the center of the opening(s) in all curb inlets and area inlets.

Water Notes (St. Charles PWSD #2)

- 1. Fire hydrants shall be a maximum of 600' apart. Local fire district approval is required.
2. Coordinate with the water district on the location of water meters.
3. All water mains must have a minimum of 42" of cover and a maximum of 72" of cover over its water mains.
4. Provide water valves to isolate the system.

City Roadway Notes

- 1. All paving (public and private) to be in accordance with St. Louis County Standards and Specifications except as modified by the City of O'Fallon.
2. If the intersecting road does not have a curb, then the curb on the new entrance shall begin 10' from the edge of the existing road.
3. Provide 6" of concrete over 5" of aggregate base rock or asphalt equivalent for minor residential streets per City Code 405.370.
4. Rock to meet the all the requirements of MoDOT Type 5 rock with a lighter restriction on the fines being that no more than ten percent (10%) fines shall pass a no. 200 sieve.

Duckett Creek Sanitary District Construction Notes

- 1. Underground utilities have been plotted from available information and therefore location shall be considered approximate only. The verification of the location of all underground utilities, either shown or not shown on these plans, shall be the responsibility of the contractor and shall be located prior to any grading or construction of improvements.
2. Gas, water and other underground utilities shall not conflict with the depth or horizontal location of existing or proposed sanitary and storm sewers, including house laterals.
3. All existing site improvements disturbed, damaged or destroyed shall be repaired or replaced to closely match preconstruction conditions.

EXISTING CONDITIONS NOTES

- 1. BEARING SYSTEM ADOPTED ALONG THE SOUTHWEST RIGHT OF WAY LINE OF I-64 (ROUTE 40) PER MDDOT PLANS, JOB J6P0672H DATED 6-2--02. (S36111'38"E)
2. THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH BY THE LAND SURVEYOR.
3. NO INVESTIGATION HAS BEEN PERFORMED BY COCHRAN REGARDING HAZARDOUS WASTE, UNDERGROUND CONDITIONS OR UTILITIES AFFECTING THE TRACT SHOWN HEREON.

GENERAL NOTES

- 1. THE SITEWORK ON THIS PROJECT SHALL MEET OR EXCEED THE CITY OF O'FALLON, MO STANDARDS AND SPECIFICATIONS.
2. PROJECT BENCHMARK: MISSOURI GEOGRAPHIC REFERENCE SYSTEM STATION SC-37. PUBLISHED ELEVATION = 631.23 (NAVD 88)
3. SITE BENCHMARK: CROSS IN SIDEWALK ALONG CALEDONIA PARKWAY ADJACENT TO TOWNHOUSE LOTS 420-423 OF THE STREETS OF CALEDONIA-PLAT 8, E.LEV. = 596.65 (NAVD 88)

Rack Preparation and Compaction:

Prior to fill placement, vegetation should be stripped and sloped areas should be benched. The fill materials placed at the site will consist primarily of a rock/silt mixture and blasted rock generated from the site. The silt rock fill materials should be placed with particle sizes ranging from 1/2" sand and silt to boulders less than 18 inches in diameter.

Soil Preparation and Compaction:

Remove all stumps, bushes, trees, weeds, roots and other surface obstructions from the site. Contractor to strip all topsoil from the entire area to be graded. After the removal of all foreign organic matter, and after stripping of topsoil, the entire surface to be filled, or areas that are out to subgrade shall be scarified to a minimum depth of 12 inches and the compacted by proof rolling with suitable compaction equipment weighing not less than 400 psi based on the contact area of one row of feet, or pneumatic-tired roller of equivalent compaction characteristics.

City Erosion Control Notes

- 1. The Permittee shall assume complete responsibility for controlling all siltation and erosion of the project area. The Permittee shall use whatever means necessary to control erosion and siltation including, but not limited to, staked straw bales and/or siltation fabric fences (possible methods of control are defined in the plan). Control shall commence with the clearing operations and be maintained throughout the project until acceptance of the work by City of O'Fallon and as needed by MoDOT.
2. All erosion control systems are to be inspected and corrected weekly, especially within 48 hours of any rain storm resulting in one-quarter inch of rain or more. Any silt or debris leaving the site and affecting public right of way or storm water drainage facilities shall be cleaned up within 24 hours after the rain event.
3. Erosion control devices (silt fence, sediment basin, etc.) shall be in accordance with Missouri Department of Natural Resources Protecting Water Quality - a field guide to erosion, sediment and stormwater best management practices for development sites in Missouri and Kansas.

Storm Water Pollution Prevention Plan Site Notes:

- 1. A Pre-Construction conference will be scheduled with the City prior to the start of construction activities, including installation of the temporary construction entrance. The permittee will be responsible for notifying all contractors and other entities including utility crews that will perform work at the site to be in attendance.
2. The contractor shall install perimeter siltation control (silt fencing) and install the construction entrance.
3. Site then shall be cleared and stripped.
4. Contractor shall install additional silt fencing and any other sediment control measures as needed in order to control siltation on site.

SWPPP Notes:

- APURPOSE: The purpose of the Storm Water Pollution Prevention Plan (SWPPP) shall meeting the following conditions:
- Prevent erosion where construction activities shall occur.
- Prevent pollutants from mixing with storm water.
- Prevent pollutants from being discharged by trapping them on-site, before they can affect the receiving waters.
B.PROJECT DESCRIPTION: The project is located on Caledonia Parkway near Highway DD in O'Fallon Missouri. This project area is approximately 7.5 Acres.

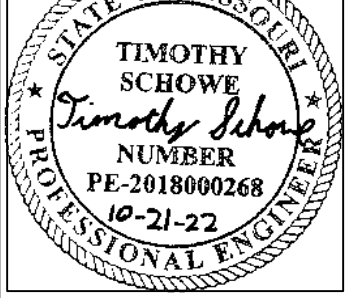
PIPE MATERIAL NOTES

- 1. (A) Storm sewer pipe shall be reinforced concrete pipe, Class III per ASTM C-76, with flexible plastic bitumen gaskets at joints. Pipe shall be installed in accordance with pipe manufacturer's installation guidelines.
2. Sanitary sewer pipe shall be SDR 35 PVC.
3. Storm sewer downspout collector pipe shall be SDR 35 PVC pipe. Storm sewer downspout lateral shall be Schedule 40 PVC pipe.

GEOTECHNICAL NOTES

- 1. Contractor shall reference Geotechnical Report prepared by Cochran Engineering on June 23, 2022.

COCHRAN Civil Engineering Land Surveying Architecture Site Development General Consulting Master Planning
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Missouri State Certificate of Authority Numbers: Survey - 000380 Engineering - 007658 Architecture - 2002014240



Vertical text: SITE IMPROVEMENTS SSM HEALTH O'FALLON, MISSOURI

Table with columns: GENERAL NOTES, DATE, TIME, DATE, TIME, DATE, TIME, DATE, TIME. Includes date OCT. 21, 2022 and scale NO SCALE.