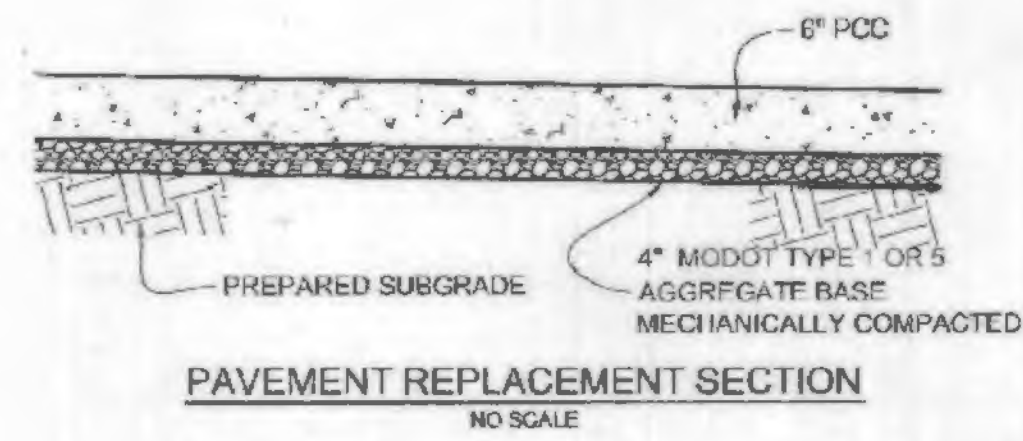
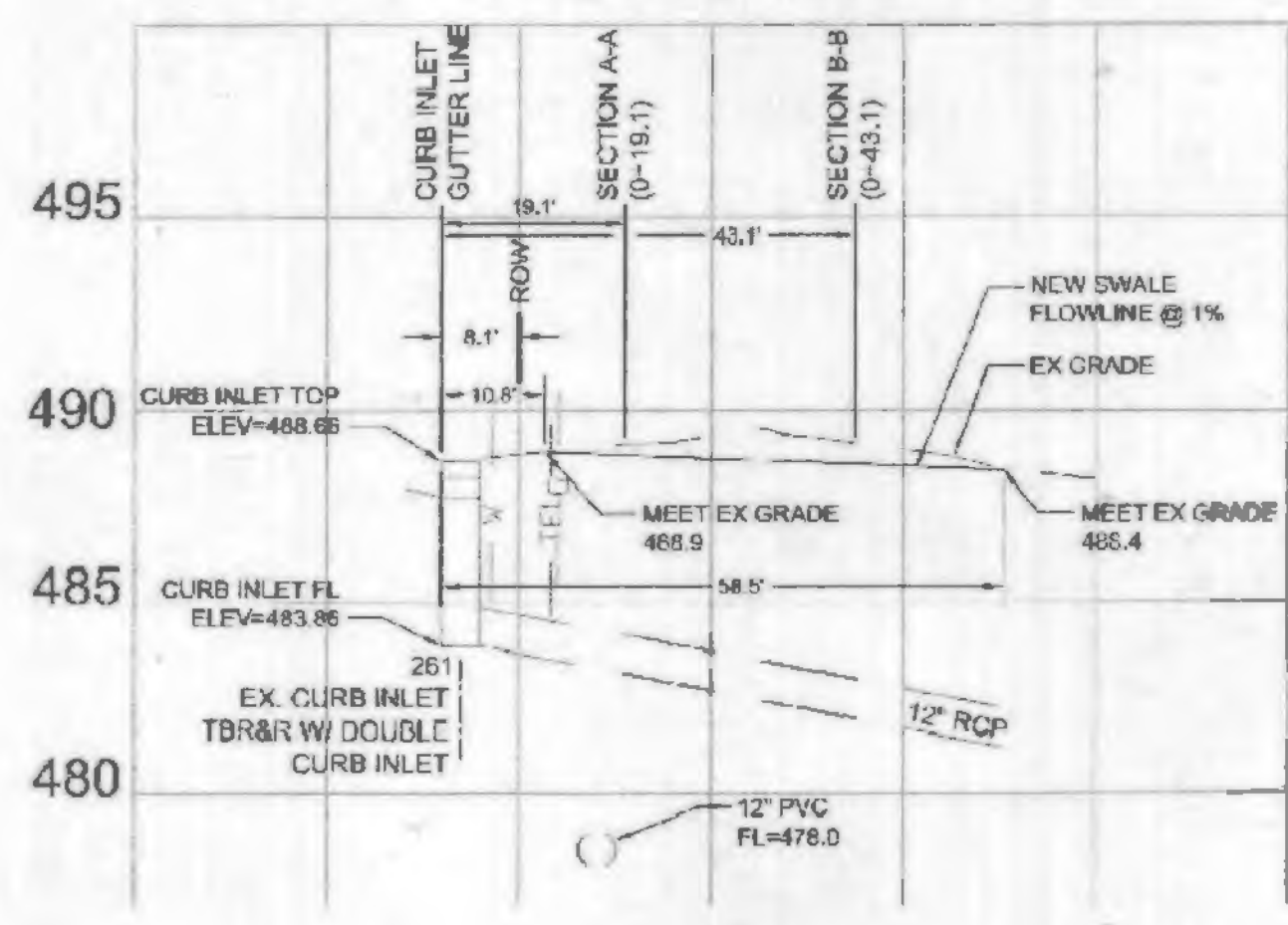


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SECTION A-A (0+19.1)

SECTION B-B (0+43.1)

SWALE PROFILE



STORM SEWER NOTES:

- Connections at all storm sewer structures to be made with A-lock joint or equal.
- All backfill in trenches shall be compacted to prevent settlement, as described in MSD Standard Construction Specifications Part 4, Section H, paragraph 1.d which requires relative density testing to confirm that compaction has been achieved. With approval by the Owner's Representative, inspection of backfill and compaction by a Geotechnical Engineer may be an acceptable substitute for compaction testing.
- Storm sewer manhole access covers shall be steel and include City of O'Fallon Logo. See City Job Special Provisions for detail.
- New inlets shall include 5/8 inch trash bars in inlet openings.

GRADING NOTES:

- All elevations are shown to finished elevation. Contractor shall account for sod thickness when grading.
- New swales shall be fine graded to provide positive drainage that assures all areas will freely drain with no depressions which would temporarily trap surface water.

VEGETATION NOTES:

- Protect all trees, shrubs, plants and landscaping from physical damage unless marked to be removed (TBR or TBR&R). The Contractor shall root prune along the pay line of excavation trees to be protected in order to minimize damage and promote long term health of tree roots. Roots shall be clean out. Under no circumstances, shall the Contractor rip or tear tree roots with excavation equipment.
- Once fine grading is completed, all disturbed areas shall be fertilized and sodded. Maximum payline width of sod shall be 12 feet. The bid quantity includes the length of swale to be installed, and the required access from Creek Pass Court.

PAVEMENT NOTES:

- Permanent and final repaving of all streets, driveways, and similar surfaces where pavement has been removed, disturbed, settled or damaged by or as a result of construction shall be performed by the Contractor, with a new and similar pavement in accordance with City of O'Fallon Pavement Details. All pavement removal shall be to the nearest pavement joint. The finished surface of all new pavement and curbs shall conform with the grades of existing adjacent pavement, and shall be sloped to drain.

SEDIMENT AND EROSION CONTROL NOTES:

- The Contractor shall assume complete responsibility for controlling all siltation and erosion of the project area. The Contractor 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 detailed 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. The Contractor's responsibilities include all design and implementation as Required by the City of O'Fallon and as required by MoDOT may at their option direct the Contractor in his methods as deemed fit to protect property and improvements. Any depositing of silt or mud on new or existing pavement shall be removed immediately. Any depositing of silt or mud in new or existing storm sewers and/or swales shall be removed after each rain and affected areas cleaned to the satisfaction of the City of O'Fallon and as required by MoDOT.
- All erosion control systems are to be inspected and corrected weekly, especially within 48 hours of any rain storm resulting in one-half 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 end of the storm.
- Erosion control devices (silt fence, sediment basin, etc.) shall be in accordance with St. Charles County Soil and Water Conservation District Erosion and Sediment Control guidelines.

SURVEYORS NOTES:

THE BACKGROUND DRAWING THAT THIS AS-BUILT SURVEY IS BASED, HAS BEEN PROVIDED BY OTHERS. WE HAVE ADDED AS-BUILT SEWER INFORMATION TO THIS DRAWING FROM FIELD OBSERVATIONS AND ONLY CLAIM RESPONSIBILITY OF ACCURACY AND INFORMATION FOR THE AS-BUILT DATA REPORTED HEREON.

ELEVATIONS AND STATE PLANE COORDINATE VALUES SHOWN ARE ON U.S.G.S. DATUM AND HAVE BEEN DERIVED FROM GPS OBSERVATION USING THE MISSOURI DEPARTMENT OF TRANSPORTATION'S GNSS VRS NETWORK, WGS 84, NAVD 88.

STORM AND SANITARY SEWER MEASUREMENTS

THE EXISTING SEWER LENGTHS, SIZES, FLOWLINES, DEPTHS OF STRUCTURES AND SEWERS, AND LOCATIONS WITH RESPECT TO EXISTING OR PROPOSED EASEMENTS HAVE BEEN MEASURED. THE RESULTS OF THOSE MEASUREMENTS ARE SHOWN ON THIS SET OF FINAL MEASUREMENT PLATS. SINCE THE WYE LOCATIONS HAVE BEEN PLOTTED FROM INFORMATION PROVIDED BY THE SEWER CONTRACTOR OR OTHER SOURCES, I DISCLAIM ANY RESPONSIBILITY FOR THAT SPECIFIC INFORMATION.

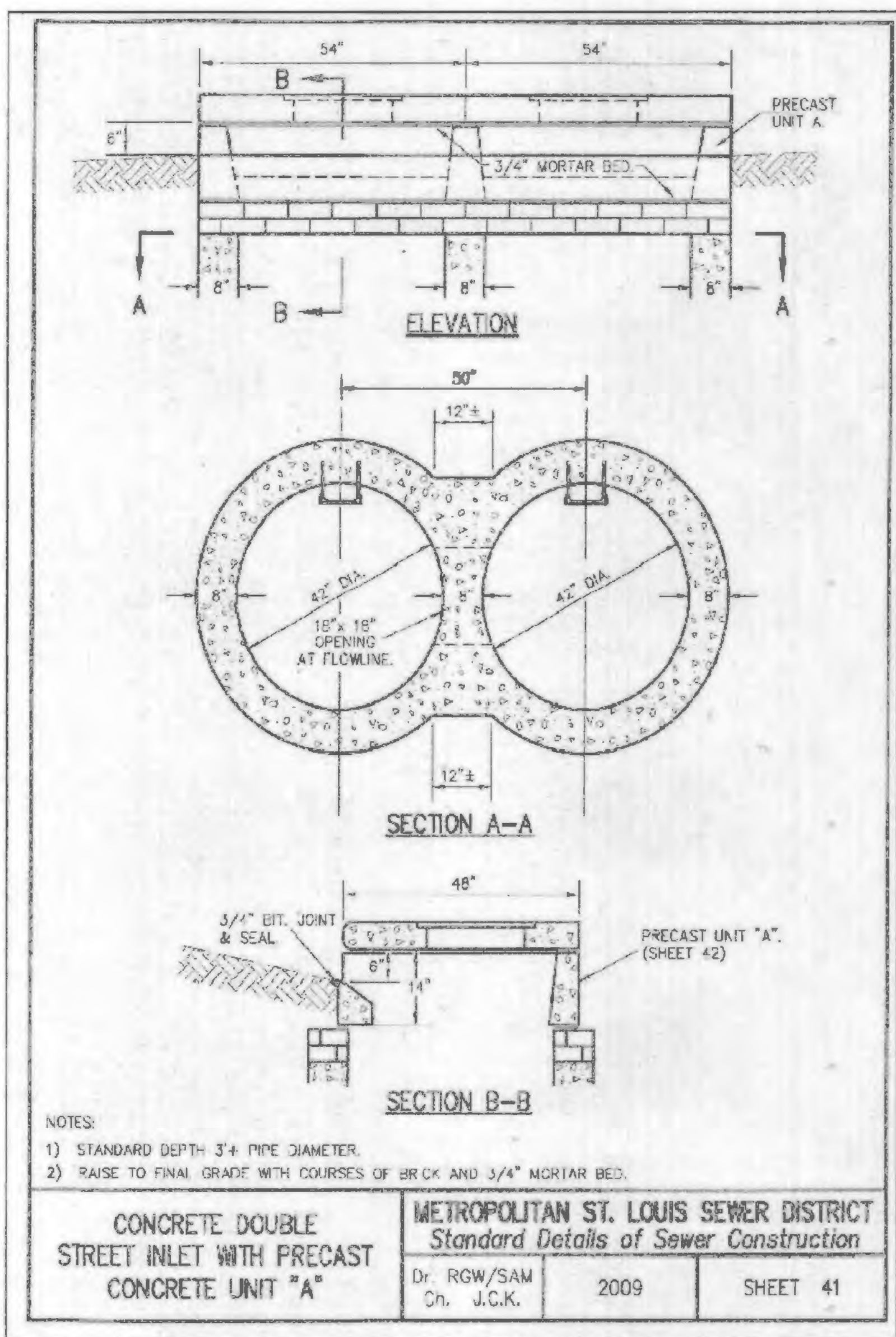
ALL STRUCTURES AS SHOWN ON THIS AS-BUILT PLAN THAT ARE ON PRIVATE PROPERTY ARE PRIVATE. ALL STRUCTURES IN THE STREET RIGHT OF WAY AND THE METROLINK PROPERTY ARE PUBLIC.

GATEWAY LAND SERVICES, INC. (AGENT) DATE: DECEMBER 14, 2016

SIGNED: *Lee C. Ferrenbach III*
(AGENT) LEE C. FERRENBACH III PLS - 2310 VICE PRESIDENT

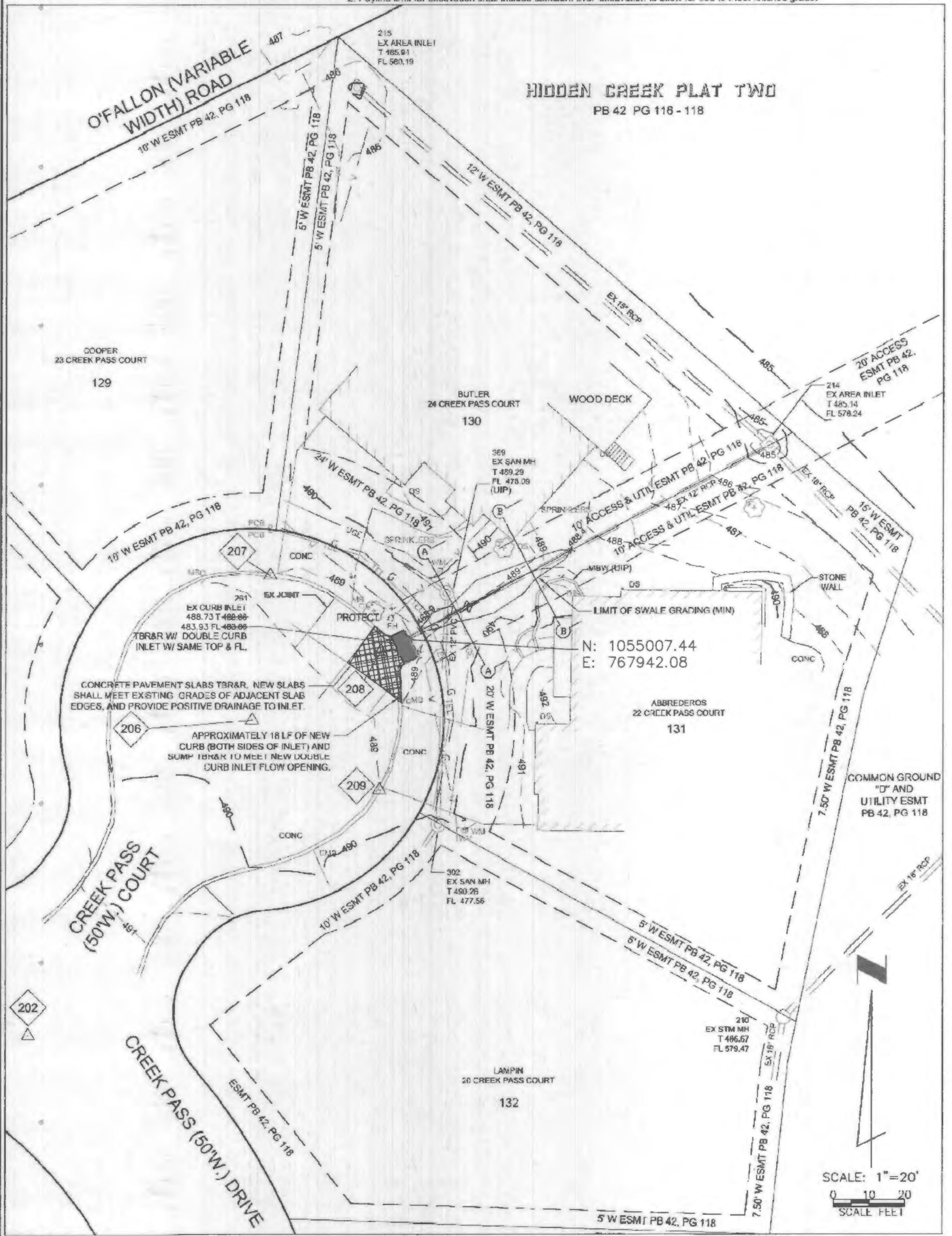
GENERAL NOTES:

- All work shall be performed in accordance with the Metropolitan St. Louis Sewer District Standard Construction Specifications for Sewers and Drainage Facilities (2009) and Missouri Standard Specifications for Highway Construction (July, 2010) except as modified by the City of O'Fallon and herein. The Missouri Standard Specifications for Highway Construction shall generally apply to surveying while the Metropolitan St. Louis Sewer District Standard Construction Specifications shall generally apply to all other portions of the project. In the Metropolitan St. Louis Sewer District Standard Construction Specifications, the word "District" shall be replaced by "Owner's Representative".
- The location and depth of existing underground facilities, structures and utilities, if shown on these plans, shall be considered approximate. There may be others, the existence of which are unknown. The contractor shall be solely responsible to notify all utility companies and field locate and verify all existing underground facilities, structures and utilities, either shown or not shown on these plans, prior to the beginning of excavation or construction. Any discrepancy between the size, quantity, depth or location of underground improvements shown on these plans and those located in the field shall be immediately brought to the attention of the Engineer and Owner. The general contractor must be on file with the Missouri One Call System 1-800-314-7483.
- All construction methods and operations shall be completed in such a manner as to protect all adjacent existing buildings and site improvements. The contractor will be held solely responsible and shall take all precautions necessary to avoid damage to adjacent properties during all phases of construction. Any damage to adjacent existing buildings and/or site improvements, including private utilities, shall be repaired at the contractor's sole expense.
- Private drains and downspouts shall not be disturbed and shall be left in-place unless directed otherwise.
- All elevations are based on Missouri State Plane and NGVD datums and are shown to finished elevation. The site benchmarks are shown on the plans. All finished grades in soil areas shall be within 0.1 feet of that shown. All finished grades in paved areas shall be within 0.02 feet of that shown. All areas will be sloped to drain, without ponding, to an adequate discharge point at the completion of construction.
- Conditions shown on the drawings represent conditions surveyed during November of 2015. The Site Benchmark is a cross at the center of the cu-de-sac for Creek Pass Court (elevation=489.49). Existing elevations and grades may have changed since the original survey was completed due to erosion and/or sediment accumulation. The number, size and location of trees shall be considered approximate.
- Field verify all dimensions before construction. Do not scale drawings, follow dimensions. All control points and construction stake-out shall be provided by the Contractor.
- All trenching and excavation shall be sloped or braced in strict compliance with all Federal, State and Local laws, rules and regulations. Compliance with these laws, rules and regulations is the sole responsibility of the Contractor.
- The Contractor shall be solely and completely responsible to conditions of the job site, including safety of all persons and property during performance of the work. This requirement will apply continuously and not be limited to normal working hours.
- The Contractor shall provide barricades, flashers and/or other safety devices as necessary or as directed by the City of O'Fallon. The Contractor shall provide adequate and proper traffic control when working within the public right-of-way. The Contractor shall provide informational, road closure and warning signs as necessary or as directed by the City of O'Fallon.
- The contractor is to remove and dispose of off site, all debris, rubbish and other materials resulting from demolition operation. Burning on site will not be allowed.
- Permanent and final repaving of all streets, driveways, and similar surfaces where pavement has been removed, disturbed, settled or damaged by or as a result of construction shall be performed by the Contractor with a new and similar pavement. Where new pavement and curb exist, sawcut existing pavement and curb to provide straight and uniform edges. The finished surface of all new pavement and curbs shall conform with the grade of existing adjacent pavement, and shall be sloped to drain.
- All public roads and sidewalks must be kept clear of mud and debris by the end of each work day.
- The contractor shall maintain one clean set of marked plans showing all changes and "as built" information. Said plans shall be certified by a registered engineer or land surveyor and submitted to the Owner's Representative upon completion of work.



- NOTES:
- STANDARD DEPTH 3\"/>
 - RAISE TO FINAL GRADE WITH COURSES OF BRCK AND 3/4\"/>

CONCRETE DOUBLE STREET INLET WITH PRECAST CONCRETE UNIT "A"		METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction	
Dr. RGW/SAM Cn. J.C.K.	2009	SHEET 41	



SITE PLAN

SCALE: 1"=20'
0 10 20
SCALE FEET



THE ENGINEER WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE AND DISCLAIMS PURSUANT TO SECTION 327.411 (RSMO) ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED ENGINEER RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.



City of O'Fallon MO
100 North Main St.
O'Fallon, MO 63366
636.240.2000

City of O'Fallon MO
Public Drainage Improvements at
22 and 24 Creek Pass Ct
Coordinate Table and Notes

REVISIONS

City of O'Fallon PROJECT # 15-002 D
RUJ PROJECT# 20140932015
SHEET 2 OF 2



Lee C. Ferrenbach III, P.L.S.
License No. PLS-2310

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