

Seal

DATE: 1-19-11, EXP: 12-31-12 MARK DAVIS, CML, LIC. # 024050
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Engineering Architecture Surveying	8304 Davis Blvd, Suite 650 Irving, Texas 75063 (972) 857-3400
DAVID MASON & ASSOCIATES	800 South Vandeventer St. Louis, Missouri 63110 (314) 534-1030

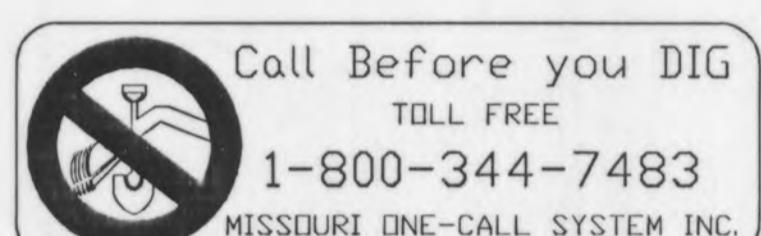
COVER AND NOTES	SAK CONSTRUCTION SITE IMPROVEMENTS
date 4-18-2011	864 HOFF ROAD O'FALLON, MISSOURI
job no. 2010003-00	
ds. dr. ck.	
sheet no.	

SEWER AS BUILTS
P & D FILE NUMBER: 0408.02
APPROVAL DATE: JUNE 3, 2010

C-1

PREPARED FOR:

S.A.K. CONSTRUCTION, L.L.C.
MR. JERRY SHAW, PRESIDENT
103 NORTH COOL SPRINGS ROAD
O'FALLON, MISSOURI 63366
TELEPHONE: (636) 379-2350
FAX: (636) 379-2461



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Underground facilities, structures and utilities have been plotted from available surveys, records and information, and therefore, do not necessarily reflect the actual existence, non-existence, size, type, number of, or location of these facilities, structures, and utilities. The Contractor shall be responsible for verifying the actual location of all underground facilities, structures, and utilities, either shown or not shown on these plans. The underground facilities, structures, and utilities shall be located in the field prior to any grading, excavation or construction of improvements. These provisions shall in no way absolve any party from complying with the Underground Facility Safety and Damage Prevention Act, Chapter 319, RSMO.

NOTE: Developer must post a financial guarantee of performance (per an approved cost estimate) as required by Article 405 of Subdivision Ordinance.

NOTE: Riprap shown at flared ends will be evaluated in the field by the Engineer, Contractor and City Inspector after installation for effectiveness and field modified, if necessary, to reduce erosion on and off site.

NOTE: Developer must supply City construction inspectors with an Engineer's soil reports prior to and during site soil testing. The soil report will be required to contain the following information on soil test curves (Proctor reports) for projects within the City:

1. Maximum dry density
2. Optimum moisture content
3. Maximum and minimum allowable moisture content
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-1157) or from a minimum of 95% as determined by the "Standard Proctor Test AASHTO T-99, Method C" (A.S.T.M.-D-698). Proctor type must be designated on document.
5. Curve must have at least 5 density points with moisture content and sample locations listed on document
6. Specific gravity
7. Natural moisture content
8. Liquid limit
9. Plastic limit

Be advised that if this information is not provided to the City's Construction Inspector the City will not allow grading or construction activities to proceed on any project site.

NOTE: All low places whether on-site or off-site are graded to allow drainage. This can be accomplished with temporary ditches. Any off-site drainage easements will be acquired before grading begins.

NOTE: 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 detailed in the plan). Control shall commence with grading and be maintained throughout the project until acceptance of the work by the City of O'Fallon. The Permittee's responsibilities include all design and implementation as required to prevent erosion and the depositing of silt. The City of O'Fallon may at their option direct the Permittee in his methods as deemed fit to protect property and improvements. Any depositing of silts or mud in new or existing storm sewers or swales shall be removed immediately. Any deposition of silts or mud in new or existing storm sewers or swales shall be removed after each rain and affected areas cleaned to the satisfaction of the City of O'Fallon.

NOTE: If materials such as trees, organic debris, rubble, foundations and other deleterious material are not to be reused, they shall be removed from the site and disposed of in compliance with all applicable laws and regulations. If the materials listed previously are reused, a letter from a soils engineer must clarify amount, location, depth, etc and be approved with the construction plans. Landfill tickets for such disposal shall be maintained on file by the developer. Burning on site shall be allowed only by permit from the local fire district. If a burn pit is proposed the location and mitigation shall be shown on the grading plan and documented by the soils engineer.

NOTE: All fill placed under proposed storm and sanitary sewer, proposed roads, and /or paved areas shall be compacted to 90% of maximum density as determined by the Modified AASHTO T-180 Compaction Test or 95% of maximum density as determined by the Standard Proctor Test AASHTO T-99. All fill placed in proposed roads shall be compacted to the bottom of the fill up. All tests shall be verified by a soils engineer concurrent with grading and backfilling operations. Moisture content of the soil in fill areas is to correspond to the compactive fill effort as defined by the standard or Modified Proctor Test. Optimum moisture content shall be determined using the same test that was used for compaction. Soil compaction curves shall be submitted to the City of O'Fallon prior to placement of fill. Proof rolling may be required to verify soil stability at the discretion of the City of O'Fallon.

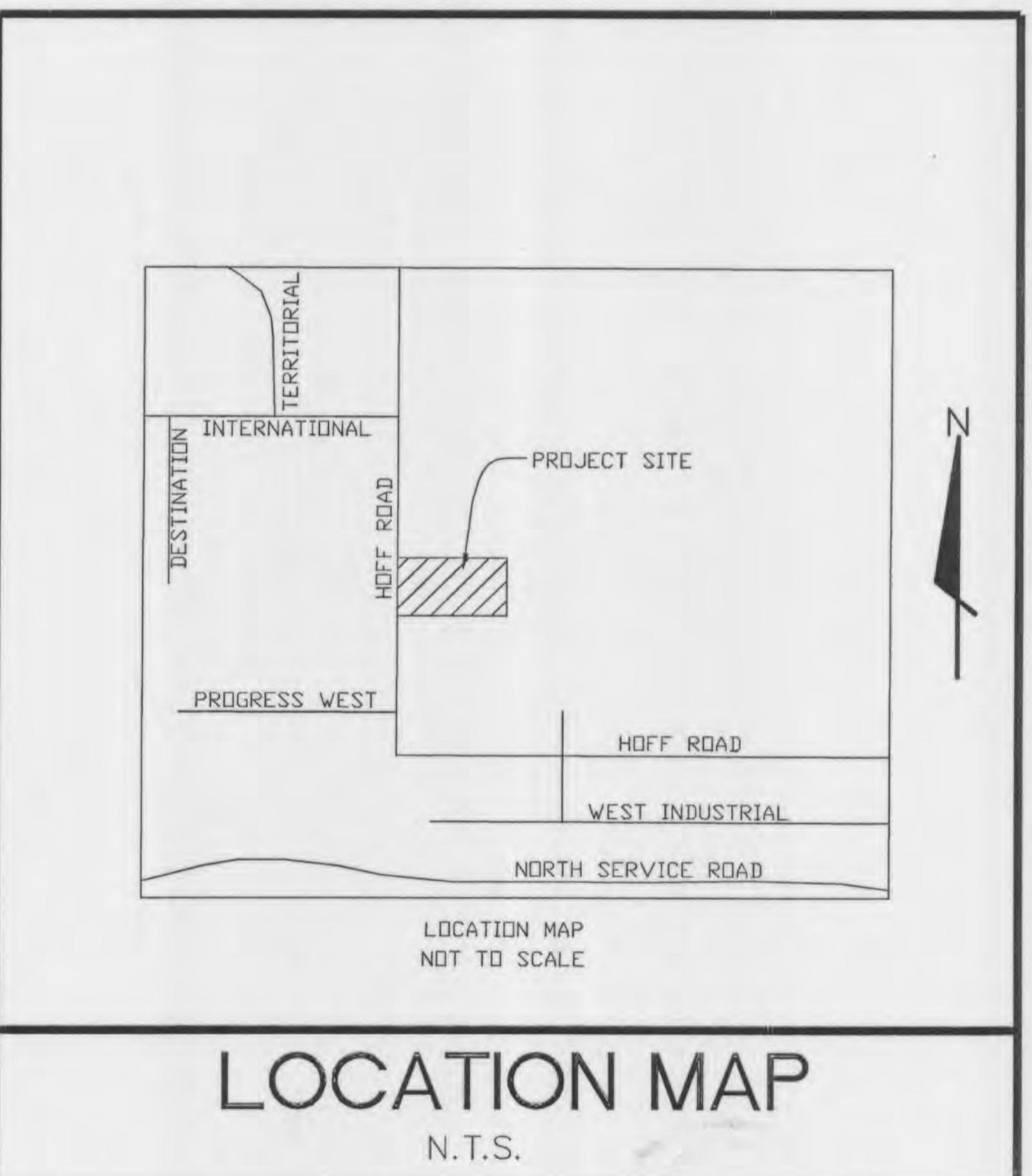
NOTE: All paving to be in accordance with St. Charles County standards and specifications except as modified by the City of O'Fallon ordinances.

NOTE: Conditions of approval per June 7, 2010 Planning and Zoning letter, (file # 0408.02) are as follows:

1. Staff will not support slats being used in the chain link fence. Staff recommends that sight proof mesh be installed. A detail of the fence with the mesh shall be included in the Construction plans.

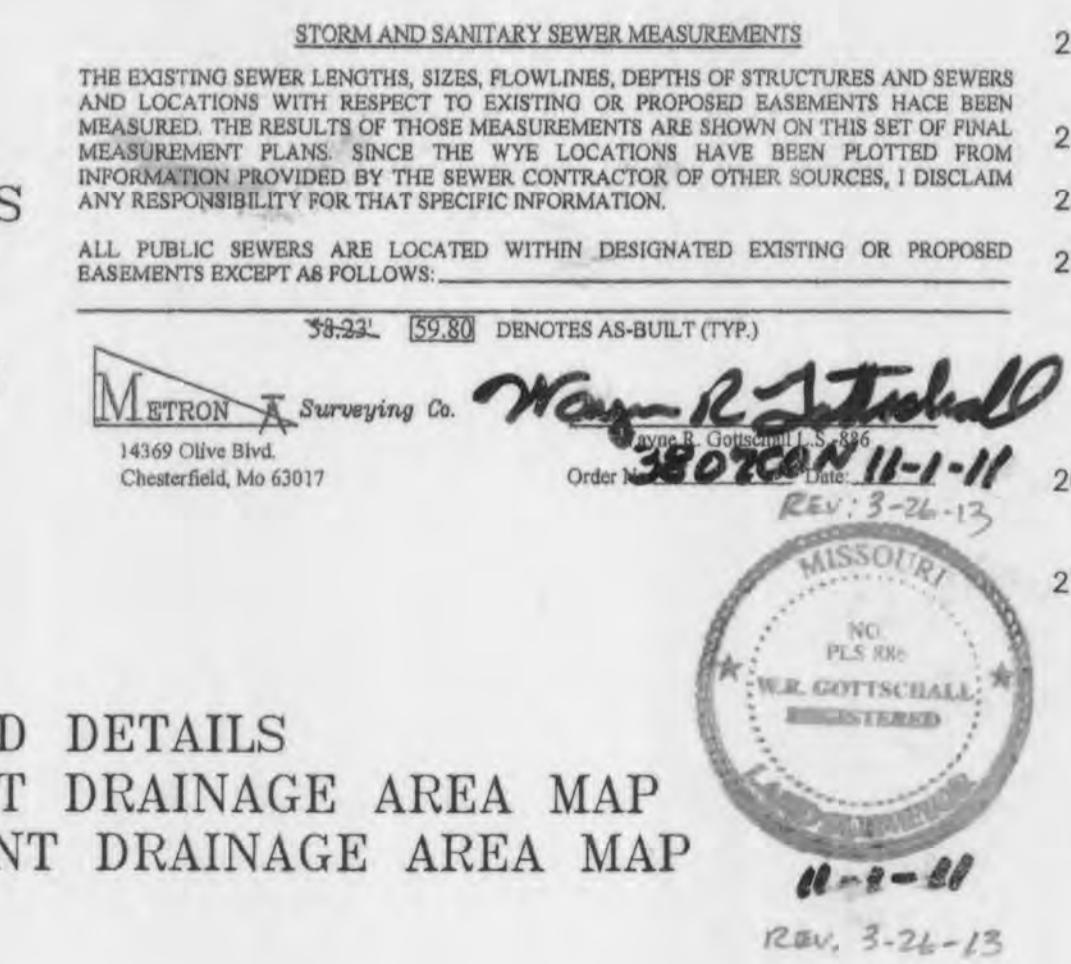
2. The applicant shall coordinate with staff to have Hoff Road evaluated for serviceability and durability of use under the weight of vehicles and equipment.

**A SITE PLAN FOR
S. A. K. CONSTRUCTION
SITE IMPROVEMENTS
A TRACT OF LAND IN
THE N. W. QUARTER OF
FR. SEC. 25 T47N-R2E
CITY OF O'FALLON
ST. CHARLES CO., MO.**



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General Notes

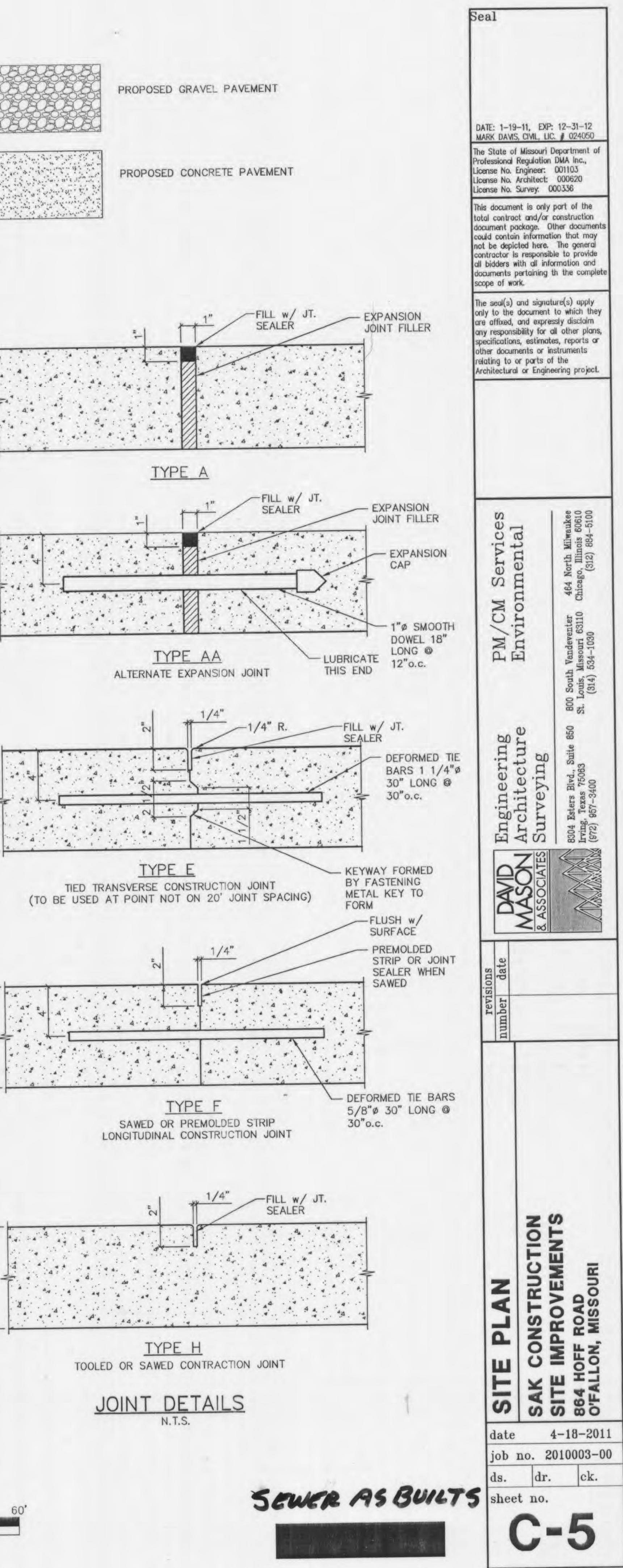
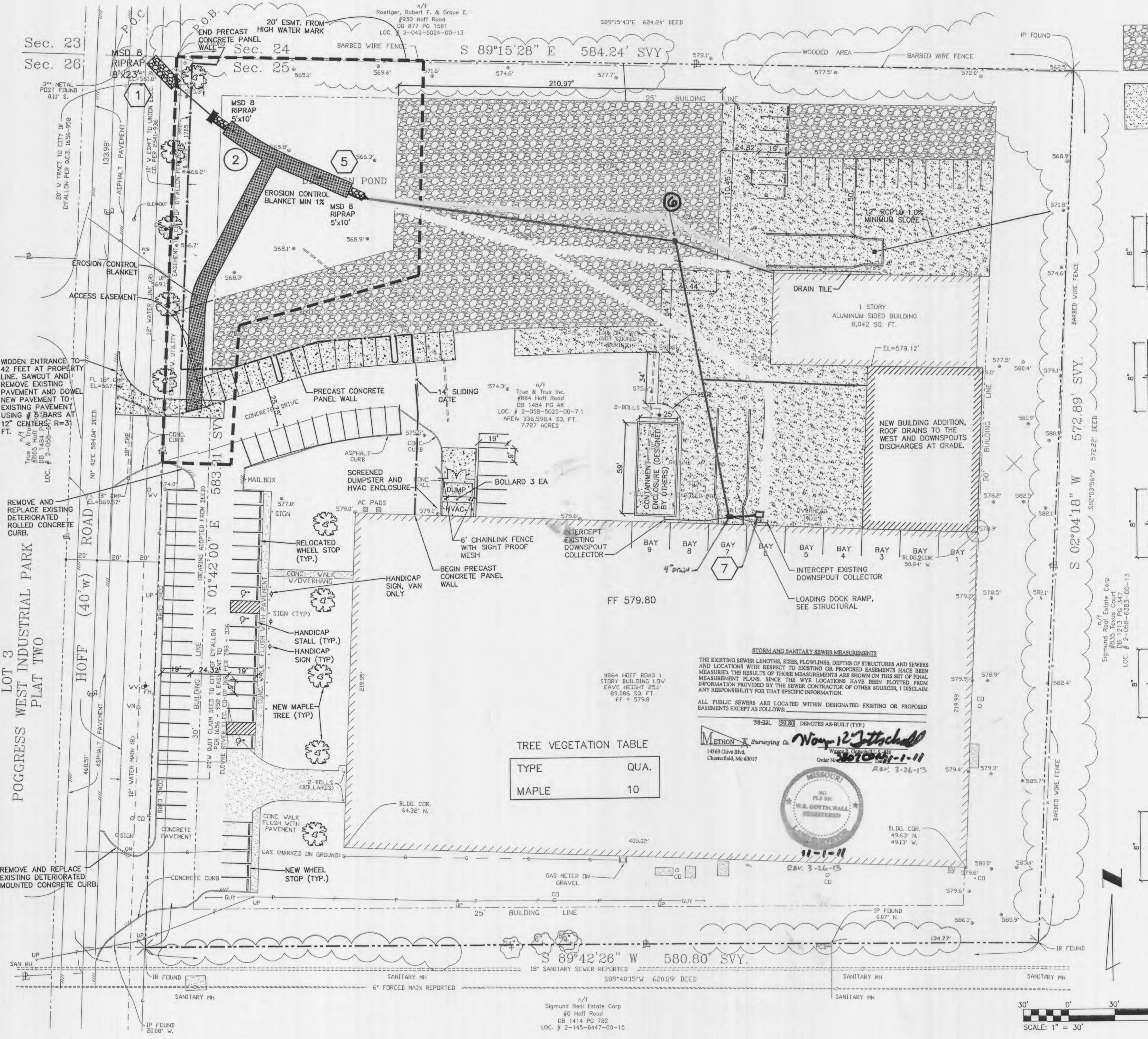
1. Area of Site: 7.72 AC +/-.
2. Zoning: I-2 Heavy Industrial
3. Proposed Use: Manufacturing and Tunnel Equipment Maintenance
4. The following setbacks pertain to this site:

Minimum Front Yard:	30 feet
Minimum Side Yard:	25 feet
Minimum Rear Yard:	50 feet
5. This Site is served by the following utilities:

Water: City of O'Fallon	(636) 281-2858
Sanitary & Storm Sewer: City of O'Fallon	(636) 281-2858
Electric: AmerenUE	(636) 925-3235
Gas: Laclede Company	(636) 946-6170
Telephone: CenturyTel	(636) 332-7392
6. This Site is located in the following service areas:

Fire Protection: O'Fallon Fire Protection District
School District: R-3 Fort Zumwalt School District (West)
7. Project Benchmark: Iron Pipe, south west property corner.
Elevation = 578.17 ft. (USGS)
8. Underground utilities have been plotted from available information and therefore their locations 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 the improvements.
9. All proposed utilities to this site must be underground services.
10. In accordance with the flood insurance rate map # 29183C0220 F, revised March 17, 2003, the closest cross section (CC) to the property on Perque creek is at elevation 485'. Therefore the finish floor elevation of 579.8 in the existing building is well out of the flood plain.
11. Tree Preservation:
Trees will not be removed during the construction of these improvements. Existing brush will be removed from the detention basin during the grading process.
12. Site Coverage:
Existing Buildings (2): 97,128 sq. ft. 28.9%
Existing/Proposed Pavement: 135,907 sq. ft. 40.4%
Green Space: 103,440 sq. ft. 30.7%
100.0%
13. Site Parking Information:
Existing Main Building: 89,086 sq. ft.
Total parking spaces required: 150
Total Proposed Parking Spaces: 75 (3 ADA)
(Variance BA-V-10-07 approved May 12, 2010.)
14. Storage Yard will not be striped.
15. All items stored on site, which are not housed in side a physical storage structure, shall be maintained inside the designated storage area.
16. Hours of Operation:
Normal Weekday Hours - Monday through Friday: 7:00 AM to 5:00 PM
Occasional Saturday Maintenance Hours: 8:00 AM to 4:30 PM
In cases of emergency, S.A.K. Construction may be required to mobilize at any time.
17. The storage yard will be graded to surface drain to the stormwater detention basin. Open graded aggregate within the base of the detention basin will provide the necessary storm water cleansing per NPDES Phase II requirements.
18. The storage yard surface will be the maintenance responsibility of S.A.K. Construction. Additional aggregate material may be added over time to properly maintain the yard surface; as determined by S.A.K.'s Engineers.
19. All identification and directional signs must have the locations and sizes approved and permitted separately through the Planning and Development Division.
20. Developer to post a financial guarantee of performance (per an approved cost estimate) as required by Article 405 of Subdivision Ordinance.
21. Detention to be provided with initial phase of development.
22. All Planning and Zoning Commission requirements are addressed.
23. The hauling of heavy equipment to and from S.A.K. Construction will be performed under appropriate permits for overweight and/or oversize loads issued by the State of Missouri Department of Transportation. In review of such an application, MODOT considers weight, number of axle and tire combination and axle spacing. In issuing such a permit, MODOT designates the route based upon bridges and height/weight restrictions, if any. To date, no specific restriction or concern has been identified for Hoff Road.
24. Property Owner: S.A.K. Construction L.L.C., Mr. Jerry Shaw President
103 North Cool Springs Road, O'Fallon, MO 63366
25. The City of O'Fallon Construction Inspection Division shall be notified at (636) 379-5596 at least 48 hours prior to construction for coordination and 24 hours in advance of any required inspections.

LOT 3
POGRESS WEST INDUSTRIAL PARK
PLAT TWO



PM/CM Services
Environmental

Engineering
Architecture
Surveying



SITE PLAN
SAK CONSTRUCTION
SITE IMPROVEMENTS
864 HOFF ROAD
OFALLON, MISSOURI

date 4-18-2011
job no. 2010003-00

ds. dr. ck.

sheet no.

C-5

Seal

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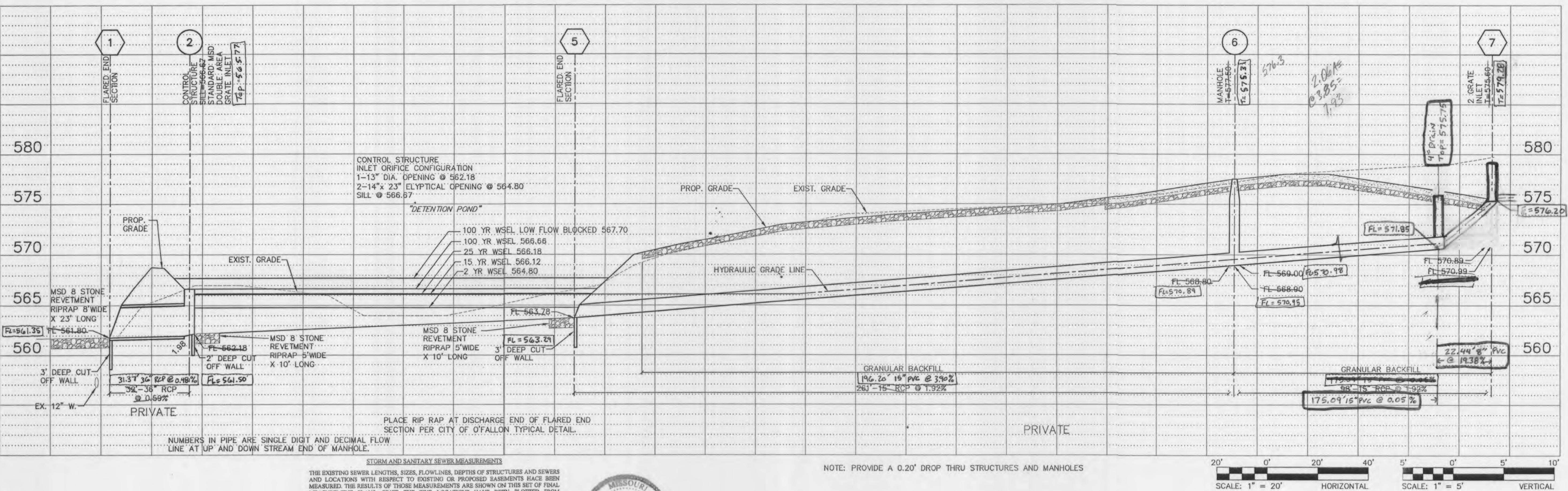
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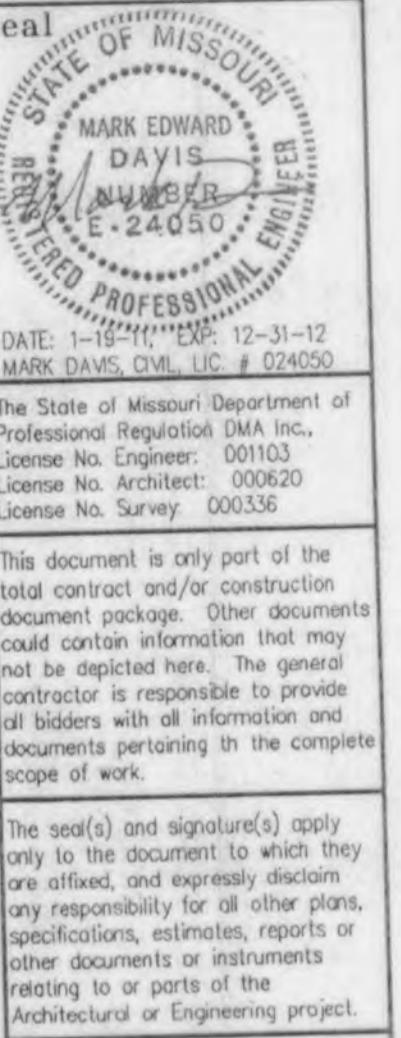
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