

<u>UTILITIES</u>

WATER & SANITARY SEWER City of Lee's Summit Water Utilities 1200 SE Hamblen Road Lee's Summit, MO Phone:816.969.1900

ELECTRICITY Kansas City Power and Light Phone: 816.471.5275

GAS Missouri Gas Energy PO Box 219255 Kansas City, Missouri 64141 Phone: 816.756.5252

TELEPHONE AT&T

Phone: 800.288.2020

Time Warner Cable Phone: 816.222.5952

CABLE TV Comcast Phone: 816.795.1100

Time Warner Cable Phone: 816.358.8833

FLOOD PLAIN NOTE

According to the FEMA Flood Insurance Rate Map Number 29095C0417G, revised January 20th 2017, this tract lie in: OTHER AREAS, ZONE X, defined as areas determined to be outside the 0.2% annual chance floodplain.

The information concerning locations of underground utilities shown hereon which are not visible from the surface, has been taken from the records and field locations of the various utility companies and has not been field verified by this company. These locations are not to be construed as accurate or exact.



EVREN APARTMENTS

Lee's Summit, Jackson County, Missouri Section 31, Township 48N, Range 31W

Public Water Extension Plans





LEGEND

	Existing Section Line
	Existing Right-of-Way Line
	Existing Lot Line
	Existing Easement Line
	Existing Curb & Gutter
	Existing Sidewalk
	Existing Storm Sewer
	Existing Storm Structure
	Existing Waterline
0x3 0x3 0x3 0x3	Existing Gas Main
	Existing Sanitary Sewer
S	Existing Sanitary Manhole
	Existing Contour Major
	Existing Contour Minor
U/E	Utility Easement
SS/E	Sanitary Sewer Easement

SS/E	Sanitary Sewer Easem
D/E	Drainage Easement

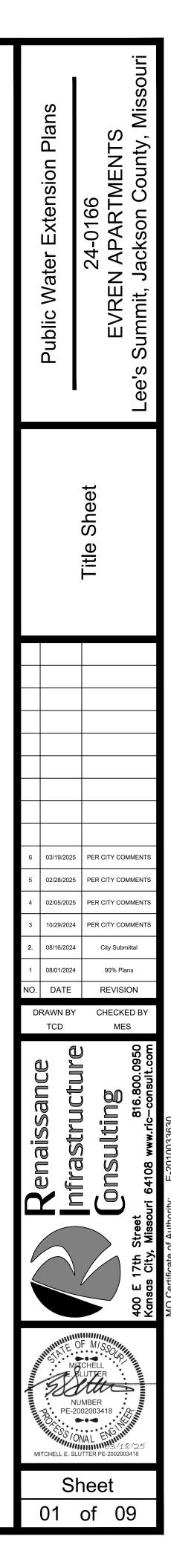
	Proposed Right-of-Way
	Proposed Property Line
	Proposed Lot Line
	Proposed Easement
	Proposed Curb & Gutter
And the second state of the second states	Proposed Sidewalk
	Proposed Storm Sewer
	Proposed Storm Structure
A	Proposed Fire Hydrant
water water water water	Proposed Waterline
	Proposed Sanitary Sewer
9	Proposed Sanitary Manhole
	Proposed Contour Major
	Proposed Contour Minor
	Future Curb and Gutter

A/E	Access Easement
T/E	Temporary Easement

Sheet List Table				
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02	General Notes			
03	Existing Conditions			
04	Water Plan and Profile			
05	Erosion Control Phase 1			
06	Erosion Control Phase 2			
07	Erosion Control Phase 3			
08	Standard Details 1			
09	Standard Details 2			
10	Standard Details 3			

Consultant/Applicant: Renaissance Infrastructure Consulting Contact: Mick Slutter, P.E. 400 E, 17th Street Kansas City, Mo. 64108 (816) 800-0950

Prepared For: Cityscape Residential Contact: Ryan Adams, VP 10000 College Blvd., Suite 120 Overland Park, KS 66227 radams@cityscaperesidential.com



GENERAL NOTES

- All work in public easements and right of way and all erosion control work must comply with the latest edition of the Technical Provisions & Standard Drawings for Roads and Sewers, of Lee's Summit, Jackson County, Missouri. If any general notes conflict with the Technical Provisions & Standard Drawings for Roads and Sewers, of Lee's Summit, Jackson County, Missouri, the Cities standards shall override.
- The contractor shall provide evidence that his insurance meets the requirements of Lee's Summit, Missouri.
- All traffic control shall be in conformance with the Manual of Uniform Traffic Control Devices (MUTCD). The contractor is responsible for the protection of all property corners and section corners. Any property corners and/or section corners disturbed or damaged by construction activities shall be reset by a Registered Land Surveyor licensed in 5. All items designated to be demolished and removed from the site shall be disposed of in an appropriate location in the State of Missouri, at the contractor's expense.
- The contractor shall be responsible for the restoration of the right-of-way and for damaged improvements such as curbs, driveways, sidewalks, street light and traffic signal junction boxes, traffic signal loop lead ins, signal poles, irrigation systems, etc. Damaged improvements shall be repaired in conformance with the latest City standards and to the City's satisfaction.
- The contractor is responsible for providing erosion and sediment control BMPs to prevent sediment from reaching paved areas, storm sewer systems, drainage courses and adjacent properties. In the event the prevention measures are not effective, the contractor shall remove any debris, silt, or mud and restore the right-of-way, or adjacent properties to original or better condition.
- The contractor shall remove existing trees and shrubbery within the right-of-way adjacent to future thoroughfare improvements.
- The contractor shall sod all disturbed areas within the public street right-of-way unless otherwise noted on the plans or if specific written approval is granted by the City.
- 9. All public street sidewalk ramps constructed will be required to comply with the Americans with Disabilities Act (ADA) and Lee's Summit, Missouri sidewalk details. 11. Excavation for utility work in public street right-of-way requires a Right-of-Way Work Permit from the Public Works
- Department, in addition to all other permits.
- 12. All work shall be confined within easements and/or construction limits as shown on the plans.
- 13. Curb stakes and hubs shall be provided at all high points, low points, ADA ramp openings, and on each side of all curb inlets when setting string line.
- 14. Any existing and/or temporary storm sewer pipes and box culverts to be abandoned in place shall be grouted using a slurry grout mixture meeting a 7-day compressive strength of 100-150 psi. The slurry grout mixture of fly ash, cement, fine aggregate, forming agents and water shall be approved by the City and shall possess adequate flow characteristics to fill all voids.
- 15. All existing utilities indicated on the drawings are according to the best information available to the engineer; however, all utilities actually existing may not be shown. The contractor shall be responsible for contacting all utility companies for an exact field location of each utility prior to any construction. All utilities, shown and un-shown, damaged through the negligence of the contractor shall be repaired or replaced by the contractor at his expense.
- 16. The contractor will be responsible for all damages to existing utilities, pavement, fences, structures, and other features not designated for removal. The contractor shall repair all damages at his expense.
- 17. By use of these construction documents the contractor hereby agrees that he shall be solely responsible for the safety of the construction workers and the public. The contractor agrees to hold the engineer and owner harmless for any and all injuries, claims, losses, or damages related to the project. 18. The contractor will be responsible for providing all signage, barricades, lighting, etc., as required for temporary traffic
- control during the construction of this project. Maintenance of the temporary traffic control devices will be the contractor's responsibility. All traffic control in conduction with construction in the right-of-way shall be in conformance with the City Traffic Control Requirements.
- 19. Geogrid, footings, or other elements of the retaining wall(s) cannot encroach into the right of way, public easements, or adjacent private property.
- 20. All building and life safety issues shall comply with the city of Lee's Summit, Missouri adopted edition of the International Fire Code and local amendments 21. Contractor shall be responsible for obtaining all permits including land disturbance, right-of-way, hauling, etc., with
- Public Works prior to construction.
- 22. Contractor shall restore all disturbed right-of-way upon project completion. 23. Prior to construction, contractor shall install pre-construction erosion control measures.
- EROSION CONTROL NOTES
- All work in public easements and right-of-way and all erosion control work must comply with the latest edition of the Technical Provisions & Standard Drawings for Roads and Sewers, of Lee's Summit, Missouri. If any of the general notes conflict with the Technical Provisions & Standard Drawings for Roads and Sewers of Lee's Summit, Missouri. The Cities standards shall override.
- The contractor shall provide all materials, tools, equipment, and labor as necessary to install and maintain adequate erosion control, keep the streets clean of mud and debris, and prevent soil from leaving the project site. The contractor's erosion control measures shall conform to Lee's Summit. Missouri Technical Provisions and Specifications.
- Erosion control plan modifications shall be required if the plan fails to substantially control erosion and offsite sedimentation.
- The contractor shall be responsible for maintaining erosion control devices and removing sediment until a minimum of 70% of permanent vegetation has become stabilized and established. Erosion control devices shall remain in place until the 70% established vegetation is met, or the duration of the project, whichever is the later date.
- The contractor shall temporarily seed and mulch all disturbed areas if there has been no construction activity on them for a period of fourteen (14) calendar days.
- Install "J' Hooks on silt fence every 100 LF
- Contractor to install all Phase I erosion control devices prior to construction. Contractor shall replace disturbed area with seed or sod, as indicated on the plans, and shall be installed within 14 days after paving completion and final topsoil grading.
- Topsoil replacement shall be 6" thick.
- 10. Silt fence to be installed in accordance with Lee's Summit, Missouri Standard Details.
- 11. Refer to APWA 2150 for good housekeeping and spill measures.
- 12. The Contractor shall inspect erosion control devices every 7 days and within 24 hours of a storm of 0.5 inches or more. The Contractor shall repair damage, clean out sediment, and add additional erosion control devices as needed, as soon as practicable, after inspection. The Contractor shall also inspect and assure that all sediment control devices are in working condition prior to any forecasted rainfall.

WRITTEN SEQUENCING

- Implement Pre-Construction Plan:
- All temporary structural BMP's shown on the BMP plan must be in place before any site disturbance. Clearing necessary to place temporary structural BMP's is the minimum required for installation. Coordinate clearing necessary to place temporary structural BMP's with local weather forecast so that clearing and placement may be completed within a forecast dry period. Stabilize all erosion control measures after installation. Temporary Barrier Fence shall be in Place. around areas not to be disturbed, prior to any construction activities. This area includes Stream Corridor. Clear and Stabilize Work Areas:
- Grade contractor areas and place all-weather surface on contractor areas.
- Clearing and Grubbing:
- After Phase I BMP's are installed, contractor may clear, grub, and demo required areas as necessary.

ADA ACCESSIBLE ROUTE NOTES

- All Accessible route construction shall conform to the latest version of the ADA Standards for Accessible Design published by the Department of Justice and the Proposed Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way published by the United States Access Board.
- Other than ramps and ramp runs, walking surfaces must have running slopes not steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 2%.
- The minimum width for a linear segment of accessible route shall be 36 inches.
- Where the accessible route makes a 180 degree turn around an element which is less than 48 inches wide, clear width shall be 42 inches minimum approaching the turn, 48 inches minimum at the turn and 42 inches leaving the turn.
- 6. An accessible route with a clear width less than 60 inches shall provide passing spaces at intervals of 200 feet maximum. Passing spaces shall be 60 inch by 60 inch minimum.
- Ramp runs shall have a running slope not steeper than 1:12.
- Ramp runs with a rise greater than 6 inches shall have handrails. 9. Ramp landings with a maximum slope of 1:48 shall be provided before and after ramp runs.
- 10. The maximum rise of a ramp run shall be 30 inches.
- 11. The maximum counter slope between the pavement and the curb at a curb ramp shall be 1:20.
- 12. Curb ramp landings with a maximum slope of 1:48 shall be provided at the top of curb ramps with a clear width of 60
- inches. 13. Detectable warning surfaces complying with the latest ADA Standards shall be provided at pedestrian street crossings and refuge islands.
- 14. Passenger loading zones shall be provided adjacent to any ADA Accessible stall and have a 2% maximum slope in all
- directions.
- 15. Contractor to field verify existing site conditions and contact the engineer if field conditions do not match plan prior to construction.

Demolition Notes

- existing improvements as noted. operations.
- underground utilities that are to remain in place.
- accordance with state or local guidelines.

- accordance with the site work specifications to subgrade elevation.
- makes no assurance that all of the existing utility lines on the site are shown.
- noted on the plans
- disturbance.

EARTHWORK NOTES

CONTOURS AND ELEVATIONS: Existing and proposed contours are shown on plans at one feet (1') contour intervals, unless otherwise noted. Proposed contours and elevations shown represent approximate finish grade. CLEARING AND GRUBBING: Prior to the start of grading and earthwork, the areas to be graded shall be stripped of all

- in building and pavement areas.
- below turf areas shall have a minimum 6" depth of soil free of rock larger than 3".

- EARTHWORK:
- the Engineer prior to placement.
- by the Geotechnical Engineer
- Geotechnical report

GRADING NOTES

- All construction shall conform to the City's minimum design standards.
- Spot Grades shown herein shall govern over finished grades.
- All traffic control shall be in conformance with the Manual of Uniform Traffic Control Devices (MUTCD)
- the State of Kansas, at the contractor's expense.
- satisfaction.
- or better condition
- specific written approval is granted by the City.
- Department, in addition to all other permits.
- 11. All work shall be confined within easements and/or construction limits as shown on the plans. inlets when setting string line.
- the plans.

LAYOUT & PAVING NOTES

- architect/engineer prior to beginning work. 4. The contractor shall verify the exact location of all existing utilities, take care to protect utilities that are to remain, and
- construction with the appropriate utility company.
- necessary. Adjust all utilities prior to installation of pavement.

concrete.

1. Contractor shall be responsible for raising and removal of the existing structures, related utilities, paving, and any other

2. Contractor is to remove and dispose of all debris, rubbish and other materials resulting from previous and current demolition operations. disposal will be in accordance with all local, state and/or federal regulations governing such

3. All demolition work shall be performed in accordance with the owner's site work specifications. 4. Contractor is responsible for repairs of damage and adjustments due to conflicts or grading to any existing structures or

Public streets and sidewalks shall be kept clean and clear of trash and debris from demolition operations at all times. The contractor shall be responsible for dust and erosion control during demolition operations. 8. The contractor shall coordinate with all applicable utility companies prior to removal or relocation of any utilities and to

safely stop services and dismantle service lines prior to beginning demolition operations. Contractor is to remove and re-use if applicable, but is not limited to sewer pipes, power poles and guy wires, water lines

and meters, vegetation, asphalt, and other unsuitable debris or material shown or not shown within construction limits and where necessary to allow for construction activity, all material to be removed as unclassified excavation. 10. All cavities created by removal of existing facilities in the area of proposed construction shall be filled and compacted in

11. The contractor shall exercise extreme caution when working in the vicinity of the existing overhead electrical power lines. 12. Existing utilities are shown as located and identified in the field by utility company representative. the owner and the engineer make no assurance of the actual location, depth, size or type of utility lines shown. the owner and the engineer

13. All existing structures, curb, pavement, and vegetation within the construction limits shall be removed, unless otherwise

14. Demolition shown on plans does not represent the full extent of what demolition may be required for completion of all proposed construction and are shown for informational purposes only. Contractor shall verify all required demo prior to site

vegetation, organic matter, and topsoil, to a minimum depth of four inches (4") or as otherwise directed by the Geotechnical Engineer. Stripping materials shall not be incorporated into structural fills. Topsoil materials shall not be used

TOPSOIL: Prior to the start of grading, the contractor shall strip all topsoil from areas to be graded and stockpile at a location on or adjacent to the site as directed by the owner. At completion of grading operations and related construction, the contractor will be responsible for redistribution of topsoil over all areas disturbed by the construction activities. Topsoil shall be placed to a minimum depth of six inches (6") and in accordance with specifications for landscaping. Subgrade

SUBGRADE PREPARATION: Prior to placement of new fill material, the existing subgrade shall be proof rolled and approved under the direction of the Geotechnical Engineer or his representative

proof rolling: Prior to the placement of new fill material, the existing subgrade shall be proof rolled and approved under the direction of the Geotechnical Engineer. Unsuitable areas identified by the proof rolling areas shall be undercut and replaced with controlled structural fill or treated with fly ash per the Geotechnical report.

A. GEOTECHNICAL: All earthwork shall conform to the recommendations of the Geotechnical report. B. SURFACE WATER: Surface water shall be intercepted and diverted during the placement of fill. C. FILLS: All fills shall be considered controlled or structural fill and shall be free of vegetation, organic matter,

topsoil, and debris. All fill required for project shall be provided by the Contractor. Material Shall be pre-approved by D. EXISTING SLOPES: Where fill material is to be placed on existing slopes greater than 5:1 (horizontal to vertical),

existing slope shall be benched providing a minimum vertical face of twelve inches (12"). Fill material shall be placed and compacted in horizontal lifts not exceeding nine inched (9") (loose fit measurement), unless otherwise approved

E. COMPACTION REQUIREMENTS: All compaction shall conform with the recommendation of the

TESTING AND INSPECTION: Testing and inspection services required to make tests required by the specifications and to observe the placement of fills and other work performed on this project shall be provided by a commercial testing laboratory (Geotechnical Engineer) selected by the owner. The cost of testing will be the owner's responsibility. 8. SEEDING: All areas disturbed by earthwork operations in the right-of-way shall be seeded.

The contractor shall provide evidence that his insurance meets the requirements of the Project.

The contractor is responsible for the protection of all property corners and section corners. Any property corners and/or section corners disturbed or damaged by construction activities shall be reset by a Registered Land Surveyor licensed in

6. The contractor shall be responsible for the restoration of the right-of-way and for damaged improvements such as curbs, driveways, sidewalks, streetlight and traffic signal junction boxes, traffic signal loop lead ins, signal poles, irrigation systems, etc. Damaged improvements shall be repaired in conformance with the latest City standards and to the City's

7. The contractor is responsible for providing erosion and sediment control BMPs to prevent sediment from reaching paved areas, storm sewer systems, drainage courses and adjacent properties. In the event the prevention measures are not effective, the contractor shall remove any debris, silt, or mud and restore the right-of-way, or adjacent properties to original

8. The contractor shall sod all disturbed areas within the public street right-of-way unless otherwise noted on the plans or if

9. All public street sidewalk ramps constructed will be required to comply with the Americans with Disabilities Act (ADA). 10. Excavation for utility work in public street right-of-way requires a Right-of-Way Work Permit from the Public Works

12. Curb stakes and hubs shall be provided at all high points, low points, ADA ramp openings, and on each side of all curb

13. All National Pollution Discharge Elimination System (NPDES) standards shall be met.

14. Public and Private utility facilities shall be moved or adjusted as necessary by the owners to fit the new construction unless otherwise noted on the plans. The Contractor is responsible for the cost of utility relocations unless otherwise indicated on

1. All construction shall conform to the City of Lee's Summit minimum design standards.

Contractor shall keep a full set of City of Lee's Summit Standard Details onsite at all times.

The contractor shall check existing grades, dimensions, and inverts in the field and report any discrepancies to the

repair contractor caused damage according to current local standards and at the contractor's expense. Coordinate all

The contractor shall comply with all local codes, obtain all permits, and pay all fees prior to beginning work.

6. Prior to installing, constructing, or performing any work in the public right of way or on the public storm sewer line (including concrete pavement or connecting private drainage systems to the storm sewer), contact City Public Works at ###.####.##### for inspection of the work. Contact must be made at least 24 hours prior to start of the work. 7. Provide a smooth transition between existing pavement and new pavement. Field adjustment of final grades may be

8. The contractor shall protect all trees to remain, in accordance with the specifications. Do not operate or store heavy

equipment, nor handle, nor store materials within the drip lines of trees or outside the limit of grading. 9. Concrete walks and pads shall have a broom finish. All concrete shall be 4,000 p.s.i. KCMMB or approved equal, unless

otherwise noted. Curb ramps, sidewalk slopes, and driveway ramps shall be constructed in accordance with all current local requirements. If applicable, the contractor shall request inspection of sidewalk and ramp forms prior to placement of

10. All damage to existing pavement to remain which results from new construction shall be replaced with like materials at contractor's expense. Concrete Pavement Shall be replaced to the nearest existing joint.

11. Dimensions are to the back of curb, or edge of concrete, unless otherwise noted.

12. Maintain one set of as-built drawings on the job site for distribution to the engineer upon completion.

13. For all asphalt pavement, the contractor shall have no more than 30% recycled material in the base course and no recycled material in the surface course.

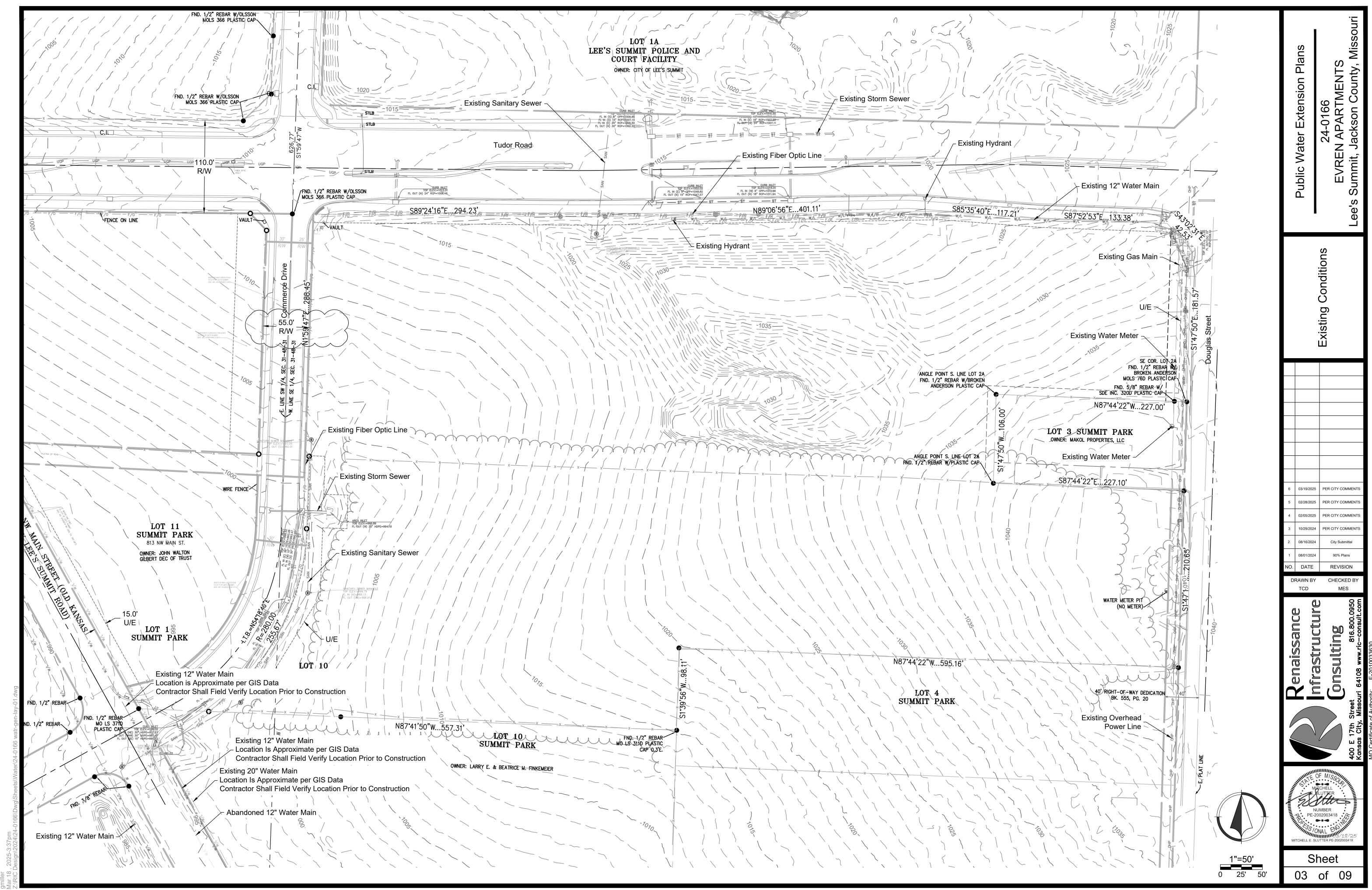
SITE UTILITY NOTES

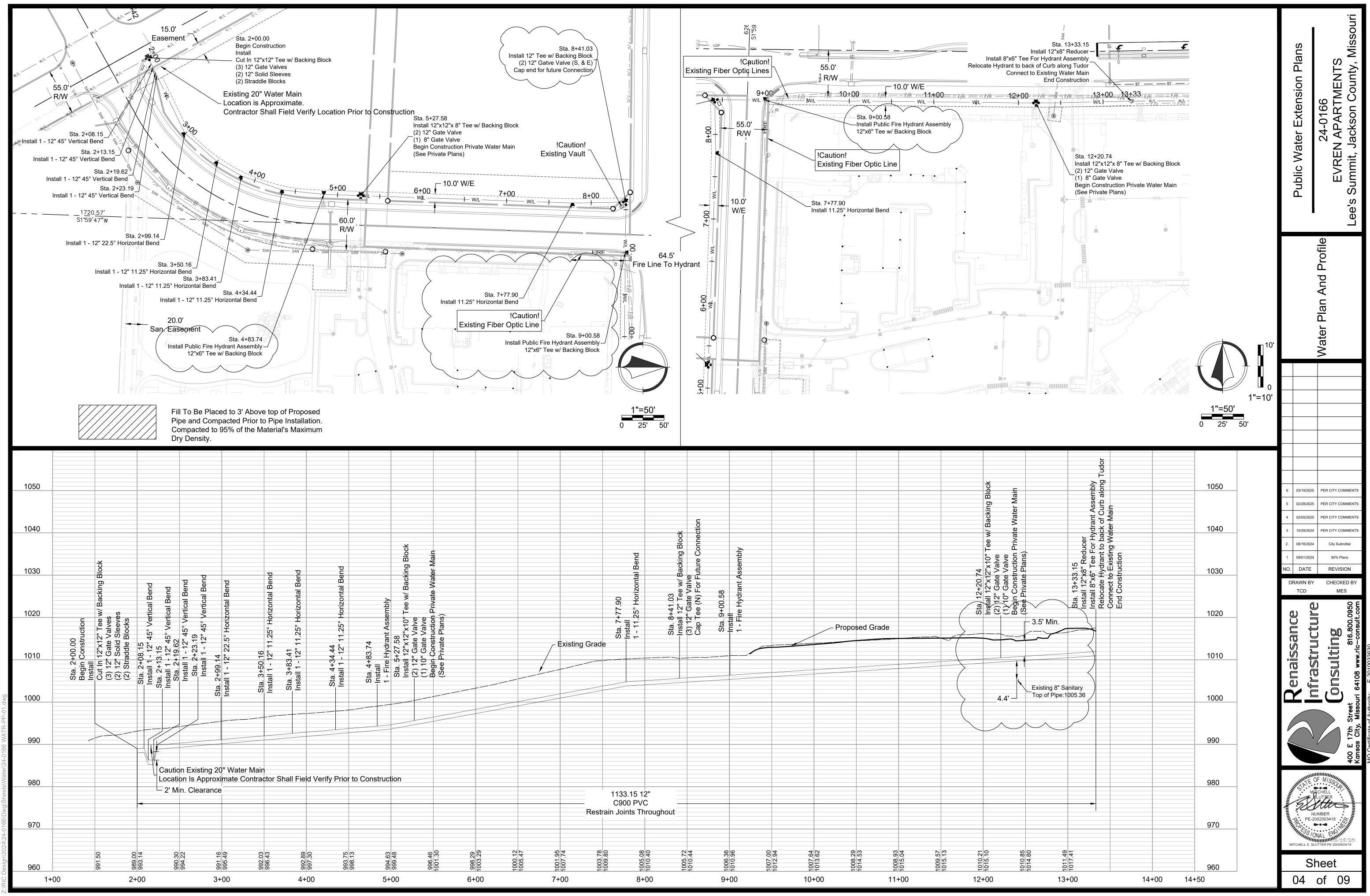
- The contractor is specifically cautioned that the location and/or elevation of existing ut plans is based on records of the various utility Companies, and where possible, meas The information is not to be relied on as being exact or complete. The contractor must companies at least 48 hours before any excavation to request exact field location of u responsibility of the contractor to coordinate with and relocate and/or remove all existing the proposed improvements shown on the plans.
- 2. The construction of storm sewers on this project shall conform to the requirements of Summit Technical Specifications and Design Criteria.
- 3. The contractor shall field verify the exact location and elevation of the existing storm existing elevations at locations where the proposed storm sewer collects or releases discrepancies are encountered from the information shown on the plans. The contract engineer. No pipes shall be laid until direction is received from the design engineer.
- 4. It will be the contractors responsibility to field adjust the top of all manholes and boxes grade of the adjacent area. Tops of existing manholes shall be raised as necessary to pavement elevations, and to be 6-inches above finished ground elevations in non-pav additional compensation will be made to the contractor for making final adjustments to
- 5. Inlet locations, horizontal pipe information and vertical pipe information is shown to the Deflection angles shown for storm sewer pipes are measured from the center of the c contractor shall adjust the horizontal location of the pipes to go to the face of the boxe connected to storm sewer structures. Provide cleanouts on roof drain lines at 100' ma points. Do not connect roof drains directly to storm sewer pipes.
- The contractor shall be responsible for furnishing and installing all fire and domestic v devices, pits, valves and all other incidentals required for a complete operable fire pro system, if not furnished or installed by the Board of Public Utilities. Coordinate with th All costs associated with the complete water system for the building shall be the response work shall conform to the requirements of Jackson County, Lee's Summit.
- 7. The contractor shall be responsible for furnishing and installing all sanitary sewer service the public line. The contractor shall refer to the architectural plans for specific location service lines of the building connection. All work shall conform to the requirements of
- 8. The contractor is responsible for securing all permits, bonds and insurance required b Lee's Summit, and all other governing agencies (including local, county, state and fed jurisdiction over the work proposed by the construction documents. The cost for all pe shall be the contractors responsibility and shall be included in the bid for the work.
- 9. By the use of these construction documents the contractor hereby agrees that he/she for the safety of the construction workers and the public. The contractor agrees to hold harmless for any and all injuries, claims, losses or damages related to the project.
- 10. The contractor shall be responsible for furnishing all materials, tools and equipment a power, telephone and gas service from a point of connection from the public utility line This will include all conduits, service lines, meters, concrete pads and all other incide and operational system as required by the owner and the public utilities. Refer to build locations of all utilities. Contractor shall verify connection points prior to installation of
- 11. All fill material is to be in place, compacted, and consolidated before installation of pro geotechnical engineer shall provide written confirmation that this requirement has bee proceed in the fill areas. All utilities are to be placed in trench conditions.
- 12. Contractor shall notify the utility authorities inspectors 49 hours before connecting to 13. Storm sewer roof drains(st) shall be as follows (unless otherwise shown on plans). -PVC SDR 35 per ASTM D3034, for pipes less than 12' deep.
- -PVC SDR 26 per ASTM D3034, for pipes 12' to 20' deep.
- 14. Waterlines shall be as follows (unless otherwise shown on plans): -for 8" and larger: ductile iron pipe per AWWA C150 -between 2" and 6": copper tube Type "K" per ANSI 816.22 or ductile iron pipe per A
- -For smaller than 2":copper tube Type "K" per ANSI 816.22 15. Fire line size is shown for reference only, fire protection engineer shall verify all sizes a
- construction
- 16. Minimum trench width shall be 2 feet. 17. Contractor shall maintain a minimum of 42" of cover on all waterlines. All water line joi joints with thrust blocking as called out in specifications and construction plans. Water shall be constructed in accordance to the Board of Public Utilities specifications for cor
- 18. All waterlines shall be kept ten feet (10') apart (parallel) from sanitary sewer lines or m an 18" vertical clearance (outside edge of pipe to outside edge of pipe) of the waterlin reauired
- 19. Trench Drain shall be ACO S200K or approved equal.
- 20. Trench Drain shall be installed in accordance with the manufacturer's installation instri recommendations
- 21. In the event of a vertical conflict between waterlines, sanitary lines, storm lines and ga proposed), the sanitary line shall be ductile iron pipe with mechanical joints at least 1 crossing (or encased in concrete the same distance), the waterline shall have mech thrust blocking as required to provide a minimum of 18" clearance. Meeting requireme 21.11 (AWWA C151)(Class 50).
- 22. All underground storm, sanitary, water and other utility lines shall be installed, inspect backfilling. Failure to have inspection approval prior to backfill will constitute rejection 23. All necessary inspections and/or certifications required by codes and/or utility service
- performed prior to announced building possession and the final connection of service. with all utility companies for installation requirements and specifications. 24. refer to building plans for site lighting electrical plan, irrigation, parking lot security sys
- requirements. Coordinate with Owner that all required conduits are in place and tested 25. When a building utility Connection from site utilities leading up to the building cannot temporarily mark all such utility terminations.

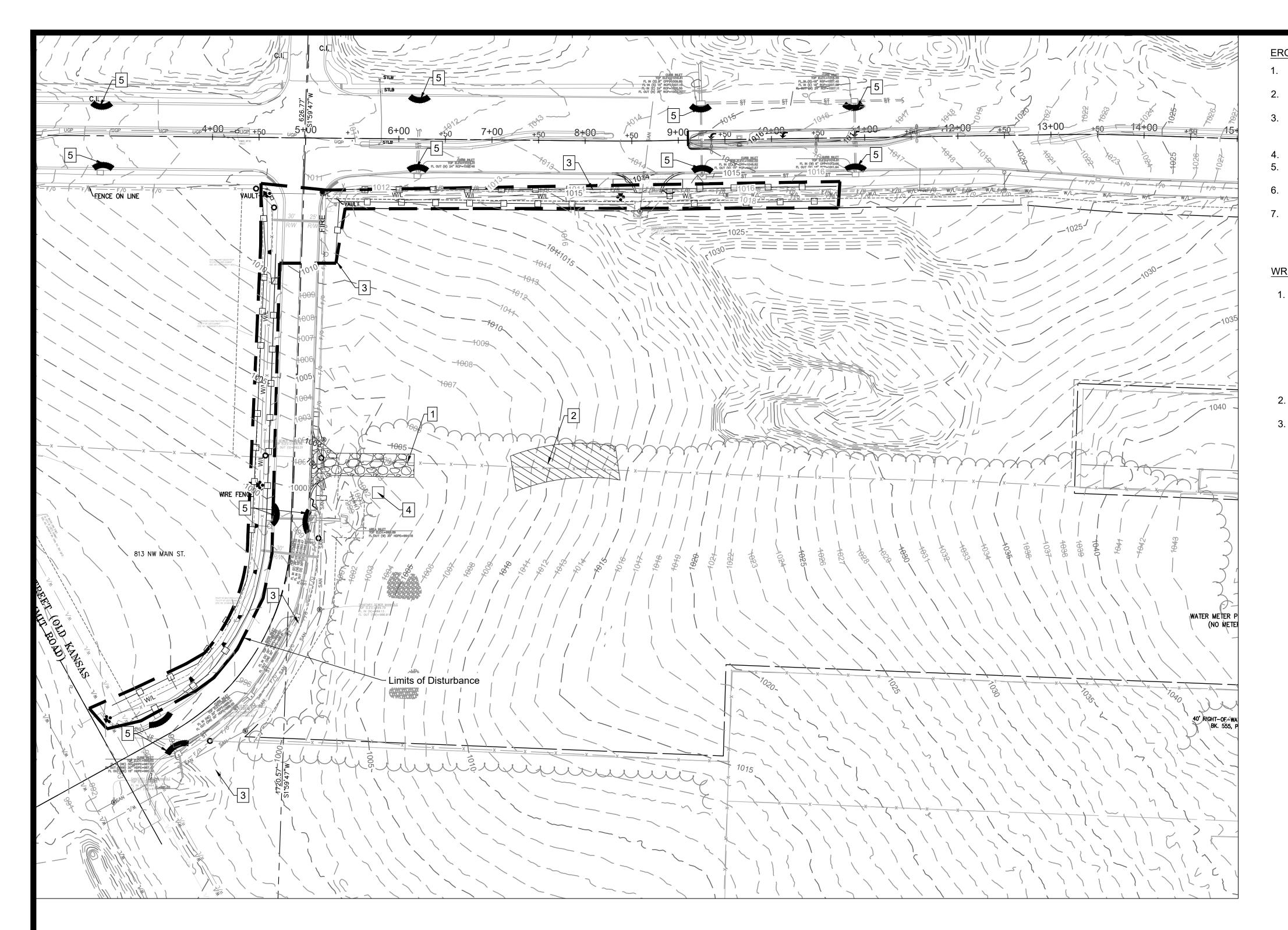
PAVEMENT MARKING AND SIGNAGE NOTES

- Parking stall marking stripes shall be four inch (4") wide white stripes. Handicap stall m locations shown on plans.
- Traffic control devices and pavement markings shall conform to the requirements of the Devices."
- Traffic control and pavement markings shall be painted with a white Sherwin Williams approved equal. The pavement marking shall be applied in accordance with manufactu clean, dry surface and at a surface temperature of not less than 70°f and the ambient than 60°f and rising. Two coats shall be applied.

utilities as Shown on these asurements taken in the field. Ist call the appropriate utility utilities. It shall be the sting utilities which conflict with of Jackson County, Lee's in sewer locations and the is to existing ground. If actor shall contact the design es as necessary to match the to be flush with proposed aved areas. No separate or to the manholes and boxes. the center of the structure. curb inlets and manholes. The xes. All roof drains shall be nax. spacing and at all bend :: water lines, meters, back flow rotection and domestic water the Board of Public Utilities. .ponsibility of the contractor. All envice lines from the building to ons and elevations of the		Public Water Extension Plans	24-0166 EVREN APARTMENTS Lee's Summit, Jackson County, Missouri
ons and elevations of the of Lee's Summit. I by the contract documents, ederal authorities) having permit bonds and insurance the shall be solely responsible old the engineer and owner and installation of electrical nes to the building structure. entals required for a complete ilding plans for exact tie-in of utility line. proposed utilities. On-site een met and that utilities may to any existing line.			General Notes
AWWA C150 s and fire flow demand prior to joints are to be mechanical ter mains and service lines commercial services. manholes. Or when crossing, line above the sewer line is			
structions and gas lines (existing and 10 feet on both sides of the anical joints with appropriate ments ANSI A21.10 or ANSI excted and approved before n of work. exe companies shall be exe. Contractor shall coordinate system and associated conduit ted prior to paving. t be made immediately,	6 5 4 3 2 1 NC	02/28/2025 02/05/2025 10/29/2024 08/16/2024 08/01/2024	PER CITY COMMENTS City Submittal 90% Plans REVISION CHECKED BY MES
marking shall be furnished at the "Manual of Uniform Traffic Control s TM2125 HOTLINE Fast Dry or currers recommendations. Apply on a t air temperature shall not be less		Achaissance	400 E 17th Street Ransas City, Missouri 64108 www.ric-consult.com
		NI PE-2 MITCHELL E. SL	DF MISSO CHELL LUTTER JMBER D02003418 WAL ENCHINA WAL ENCHINA UTTER PE-2002003418





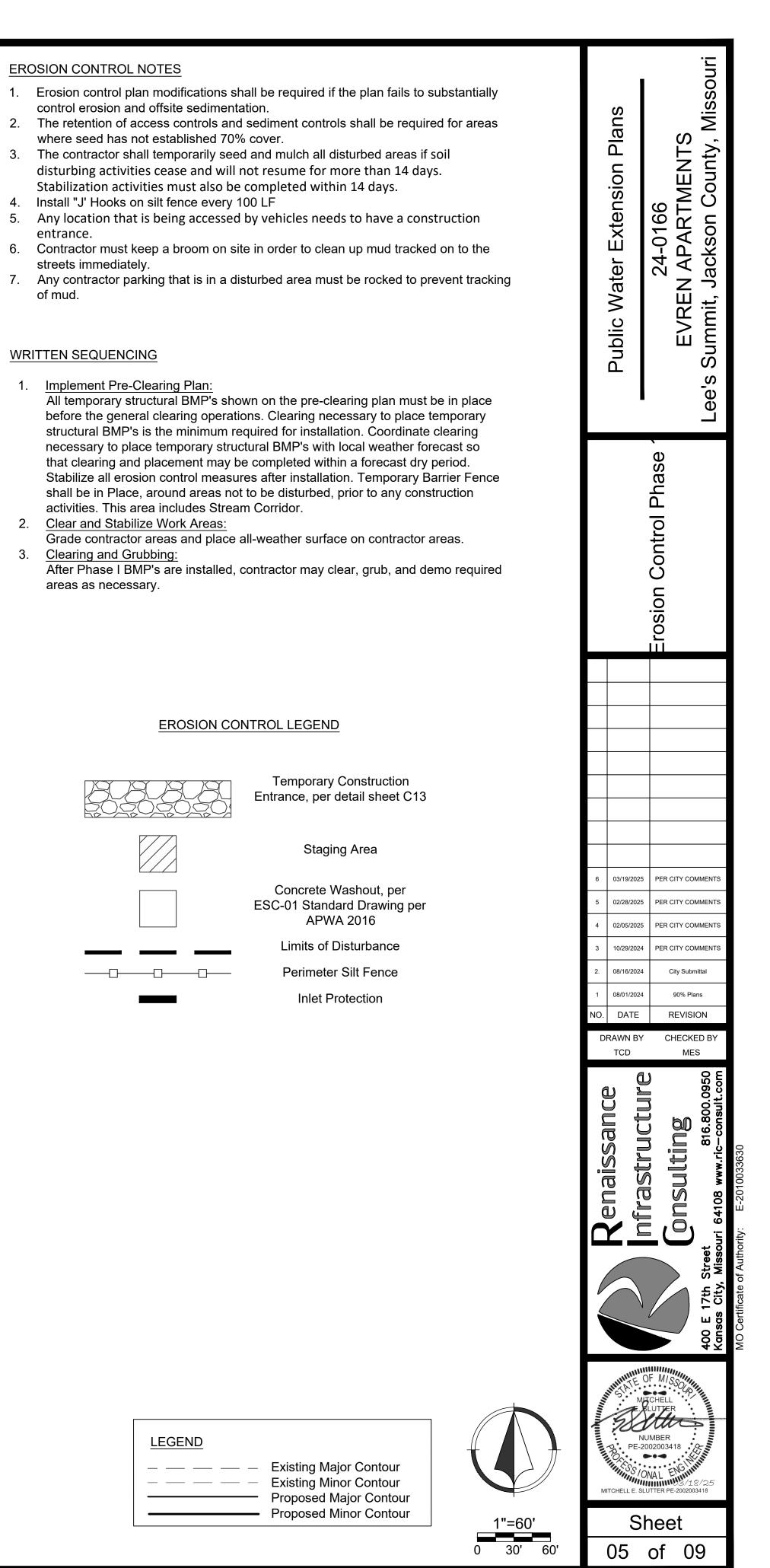


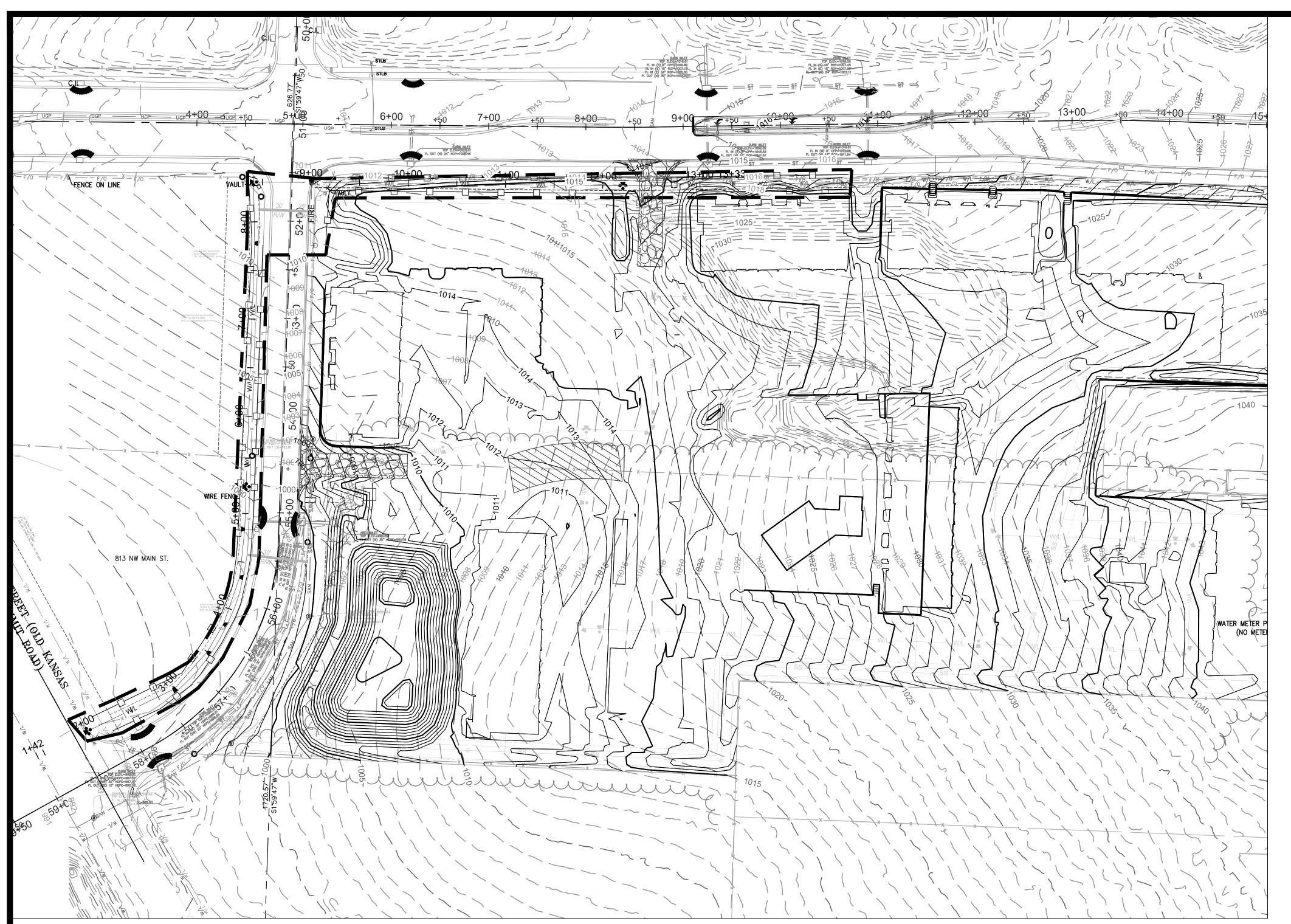
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	PROJECT STAGE	PLAN REFERENCE NUMBER	BMP DESCRIPTION	REMOVE AFTER PHASE	NOTES
		1	Construction Entrance		Install Construction Entra
		2	Staging Area	II	Install Staging Area
Phase I A-Prior t	A-Prior to Construction	3	Perimeter Silt Fence	III	Install Silt Fence
		4	Concrete Washout	II	Install Concrete Washout
Phase II	B - During Land Disturbance & Storm Infrastructure Installation	5	Inlet Protection		Install Filter Bags to trap s
Phase III	C-Final Stabilization	6	Establish Perennial Vegetation	N/A	Redistribute Topsoil and S 100% of Disturbed Area is

ance
ut as Shown on Plans Prior to Pouring Any Concrete
sediment and debris during construction
A Sood and Mulah all Disturbed Area. Stabilization Complete when

d Seed and Mulch all Disturbed Area. Stabilization Complete when a is Established with Perennial Vegetation with a Density of 70%





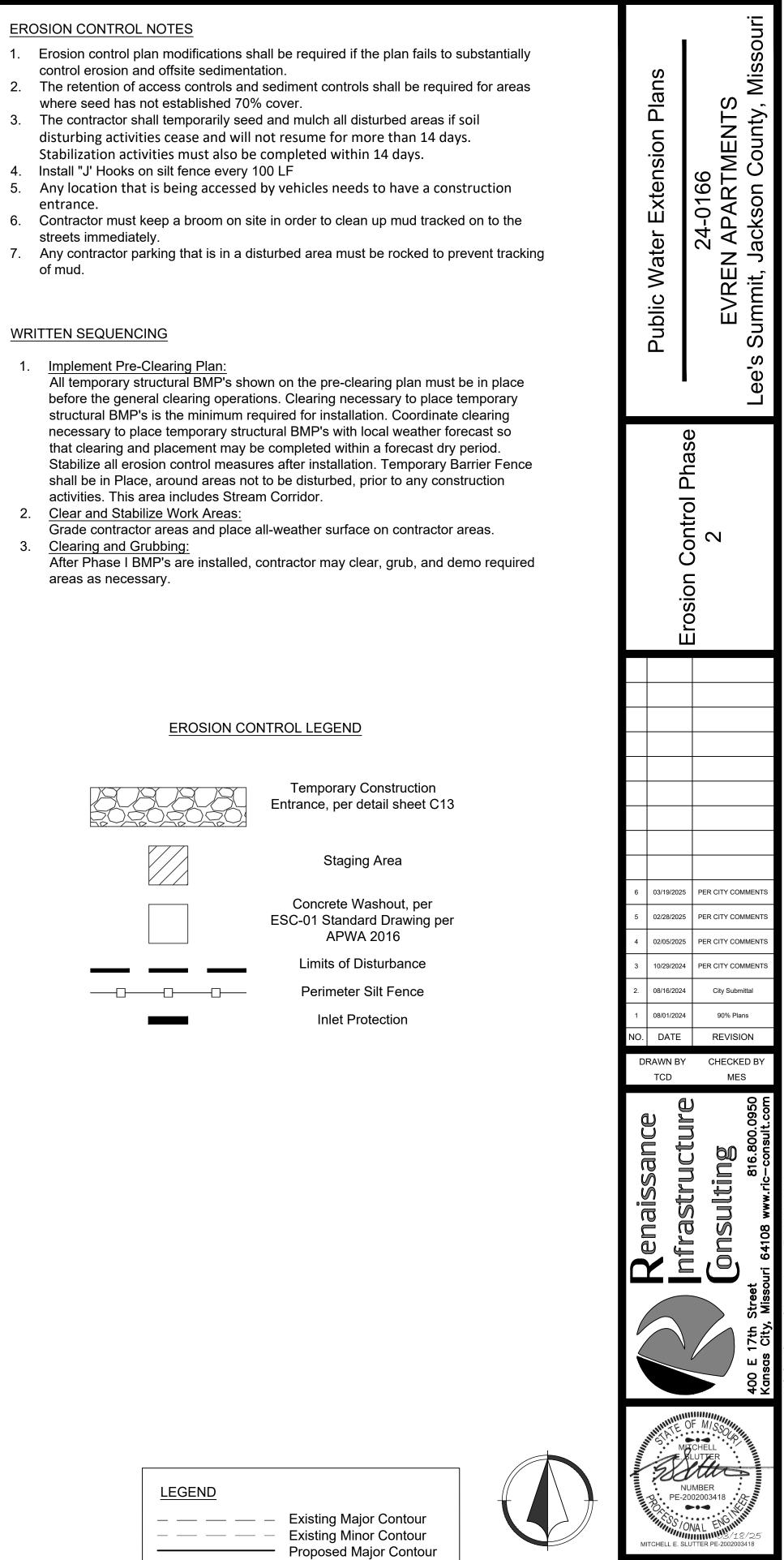
	-				
	PROJECT STAGE	PLAN REFERENCE NUMBER	BMP DESCRIPTION	REMOVE AFTER PHASE	NOTES
		1	Construction Entrance	II	Install Construction Entra
		2	Staging Area	II	Install Staging Area
Phase I A-Prior to C	A-Prior to Construction	3	Perimeter Silt Fence	III	Install Silt Fence
		4	Concrete Washout	II	Install Concrete Washout
Phase II	B - During Land Disturbance & Storm Infrastructure Installation	5	Inlet Protection	111	Install Filter Bags to trap s
Phase III	C-Final Stabilization	6	Establish Perennial Vegetation	N/A	Redistribute Topsoil and \$ 100% of Disturbed Area is
•			•		

EROSION CONTROL NOTES

- entrance.
- of mud.

WRITTEN SEQUENCING

- 3. <u>Clearing and Grubbing:</u>



Proposed Minor Contour

1"=20' 0 10' 20

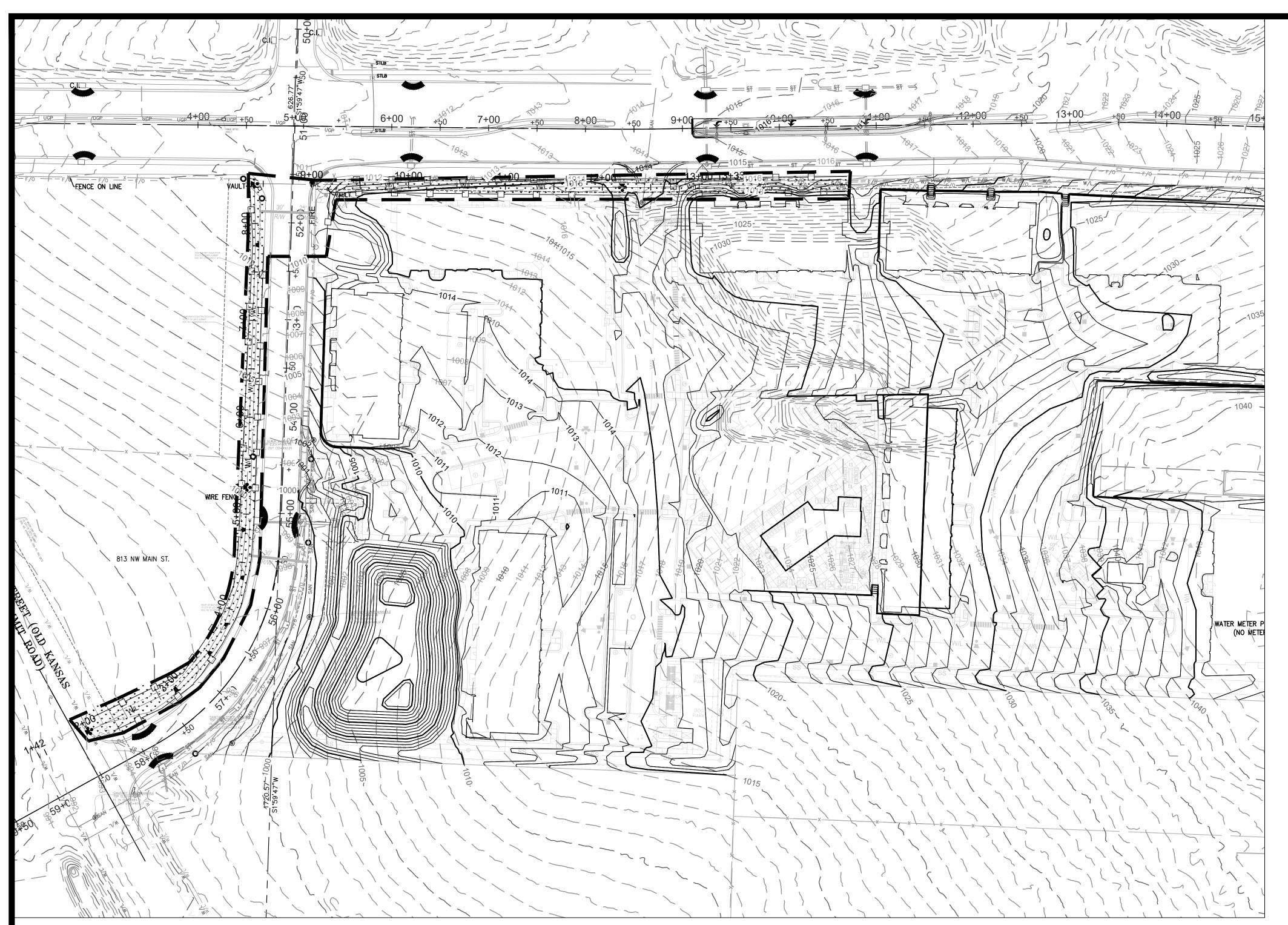
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06 of 09

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ut as Shown on Plans Prior to Pouring Any Concrete
o sediment and debris during construction

Seed and Mulch all Disturbed Area. Stabilization Complete when a is Established with Perennial Vegetation with a Density of 70%

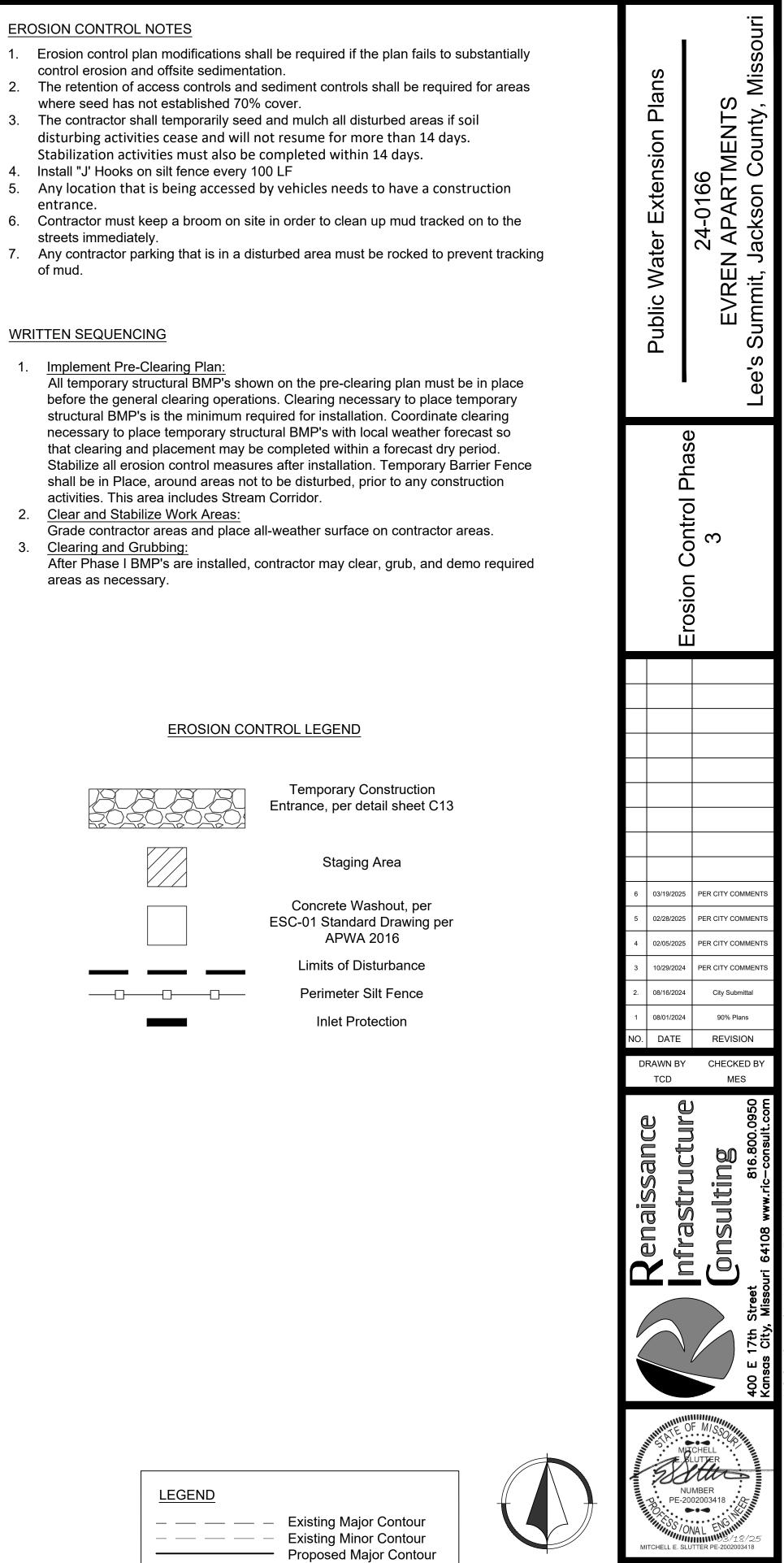


	PROJECT STAGE	PLAN REFERENCE NUMBER	BMP DESCRIPTION	REMOVE AFTER PHASE	NOTES
		1	Construction Entrance	II	Install Construction Entra
		2	Staging Area	II	Install Staging Area
Phase I A-F	A-Prior to Construction	3	Perimeter Silt Fence		Install Silt Fence
		4	Concrete Washout	Ш	Install Concrete Washout
Phase II	B - During Land Disturbance & Storm Infrastructure Installation	5	Inlet Protection	111	Install Filter Bags to trap
Phase III	C-Final Stabilization	6	Establish Perennial Vegetation	N/A	Redistribute Topsoil and 100% of Disturbed Area i

EROSION	CON	ΓF

- entrance. streets immediately.
- of mud.

WRITTEN SEQUENCING



Proposed Minor Contour

1"=20' 0 10' 20

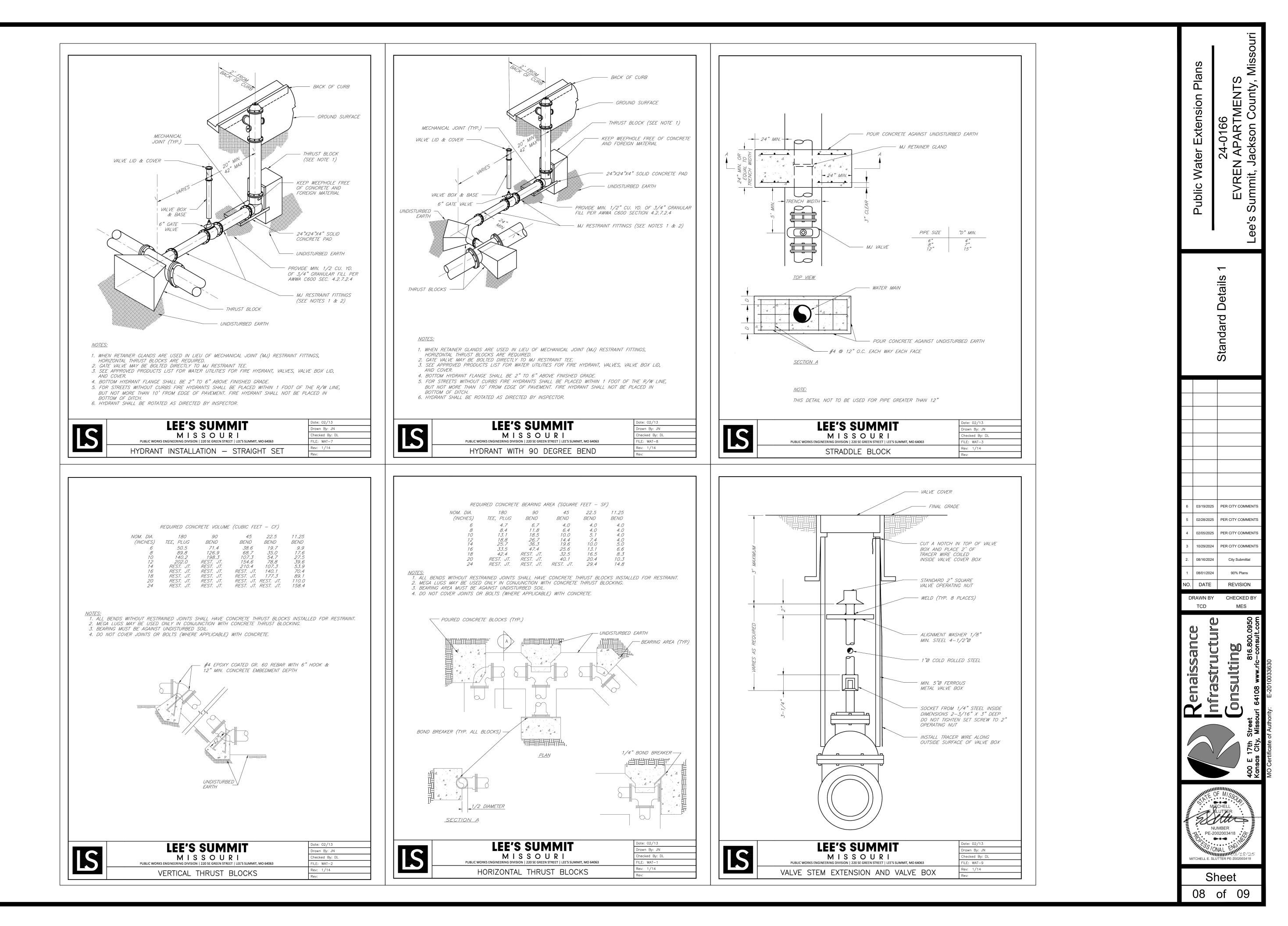
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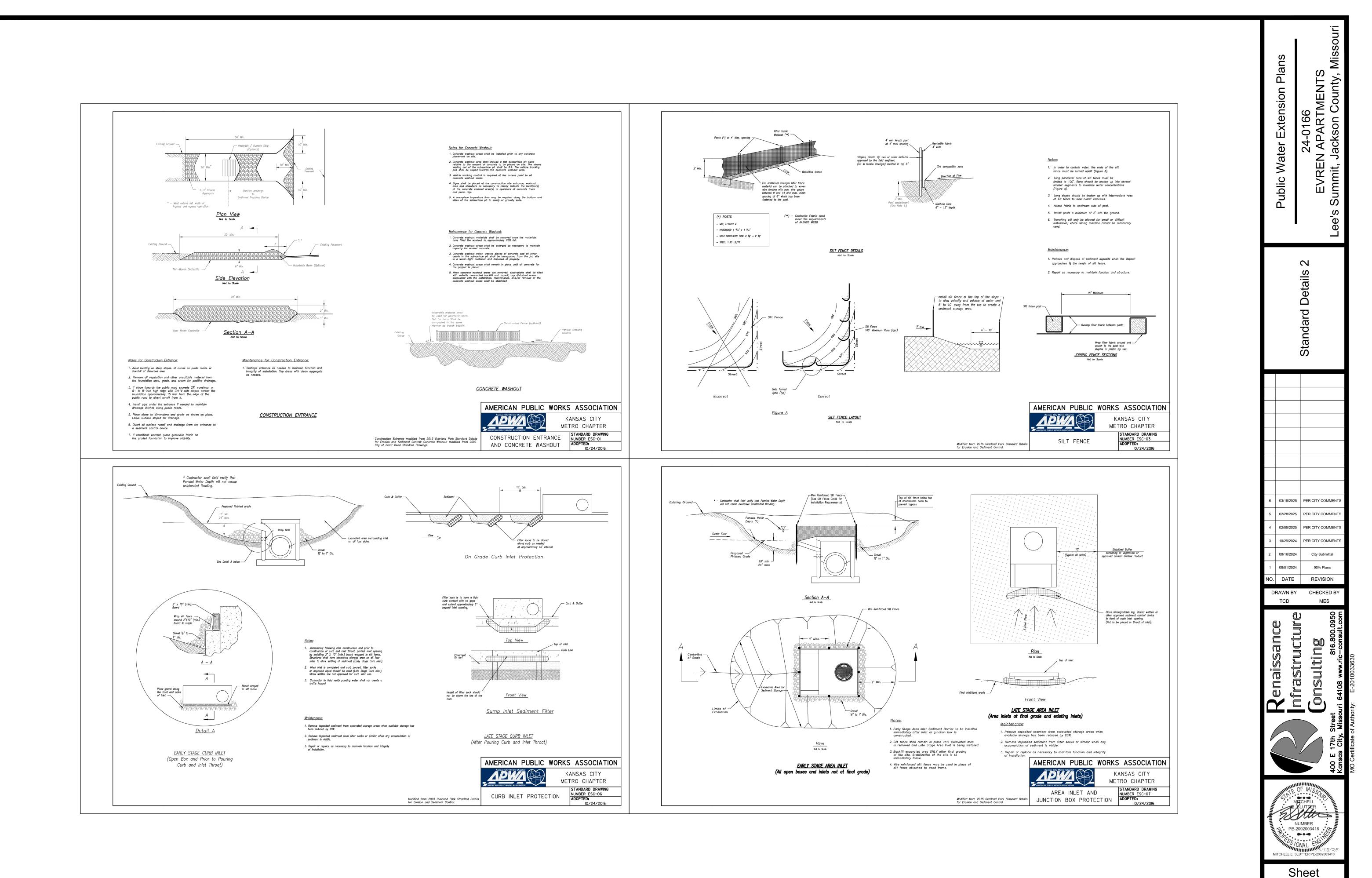
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07 of 09

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ut as Shown on Plans Prior to Pouring Any Concrete
sediment and debris during construction

Seed and Mulch all Disturbed Area. Stabilization Complete when a is Established with Perennial Vegetation with a Density of 70%





09 of 09