

Lot 45B7. LAKEWOOD BUSINESS CENTER ON I-470. LOTS 45B5. 45B6 AND 45B7. a subdivision in Lee's Summit, Jackson County, Missouri.

<u>Local Benchmarks:</u> ____ BM-#

<u>BM-1:</u> Chiseled Square in Northwest Corner of Curb Inlet on North side of NE Pavestone Drive Northing = 999983.011Easting = 1000072.494Elevation = 1000.101

<u>Floodplain</u> Note:

The subject property is located in zone X of FEMA FIRM MAP number 29095C0430G, revised January 20, 2017, Zone X is defined as areas determined to be outside the 0.2% annual chance floodplain.

<u>Civil Engineer:</u>

Davidson Architecture & Engineering, LLC Mr. Paul A. Miller, P.E. 4301 Indian Creek Pkwy. Overland Park, KS 66207 Phone: (913) 451–9390 Email: Paul@davidsonae.com

Owner Information

International Builders & Consultants (IBC) 1213 West 8th Street Kansas City, MO 64101 Phone: (816) 220-0812

<u>Property Legend</u>

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easements setbacks

right of way

property lines

<u>Utility Legend</u>

existing proposed

sanitary main

<u>Linetypes</u>
sanm
sans
stm stm
wtrm
wtrf
wtrd
wtri
gasm
gass gass
elpu
elsu
datu
datsu

sanitary service storm sewer (existing) storm sewer (solid wall, proposed) storm sewer (solid wall, proposed) storm sewer (perforated, proposed) water main water service (fire) water service (domestic) water service (irrigation)

natural gas main natural gas service schematic

underground primary electric underground secondary electric

underground cable/phone/data underground cable/phone/data service STORE MASTER FUNDING IX LLC 600 NE PAVESTONE DR Zone: Pl LOT 45B3-3



service cleanout force main release valve rectangular structure circular structure fire hydrant water valve water meter backflow preventer natural gas meter

sanitary manhole

<u>Symbols</u>

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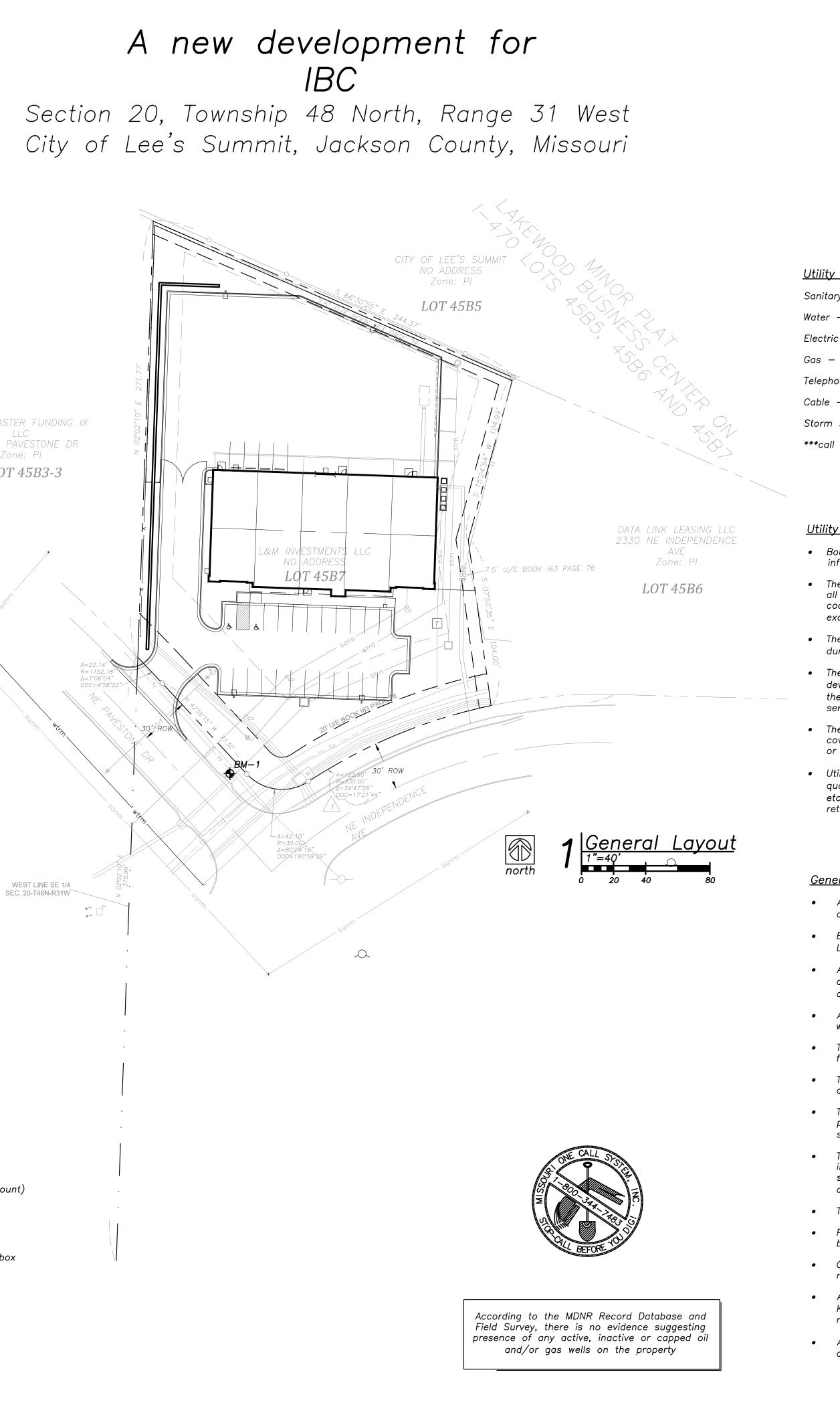
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BFP

service transformer (pad mount) primary switch gear light pole cable/phone/data junction box o_____⊕ street light pedestrian street light $\Theta - \Theta$ electric pole guy wire \rightarrow end section





Sheet Index

- C1.0 General Layout
- C1.1 Notes C1.2 – Site & Utility Plan
- C2.1 Grading Plan
- C2.2 Erosion Control Phase C2.3 – Erosion Control Phase II
- C2.4 Erosion Control Phase III C2.5 – Spot Elevation Plan
- C3.1 Drainage Area Map
- C3.2 Storm Plan & Profile C4.1 — Details
- C4.2 Details
- C4.3 Details L1.1 — Landscape Plan
- A1.1 Site Plan
- A2.1 Floor Plan A2.2 – Mezzanine Plan
- A3.1 Building Elevations
- Photometric Plan

<u>Utility Contacts</u>

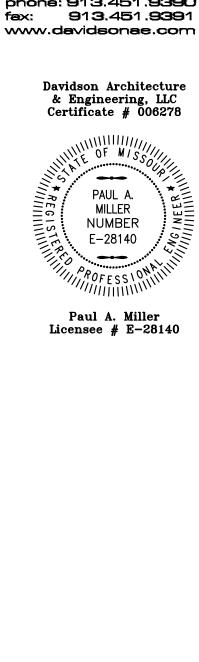
- Sanitary sewers City of Lee's Summit, phone (816) 969–1900
- Water City of Lee's Summit, phone (816) 969-1900
- Electric KCP&L, phone (888) 471-5275
- Gas Spire, phone (816) 969–2266
- Telephone AT&T, phone (800) 464-7928
- Cable AT&T, phone (800) 464–7928
- Storm sewer City of Lee's Summit, phone (816) 969-1800
- ***call before you dig one call system (800) 344–7483

<u>Utility Notes</u>

- Boundary information, existing utilities and topographic features shown are based on information supplied by owner, surveyor, and others.
- The existing utility locations shown on these plans are approximate and may not include all utility lines present. The contractor shall be responsible to make One Call and coordinate field location of all existing underground utilities prior to beginning excavation/construction activities.
- The contractor shall be responsible for any damage to any utilities or their structures during excavation/construction activities.
- The contractor shall coordinate and be responsible for connection fees, system development fees, taxes, etc. for all main connections and/or extensions with and from the city and/or respective utility unless otherwise coordinated with the Owner. All utility services for this project shall be coordinated with respective utility company by contractor
- The contractor shall be responsible for adjusting all at-grade utilities such as manhole covers, valve box covers, etc. to finish grade, whether specifically indicated in these plans or not.
- Utilities shown on the plan with specific elevations and/or structure locations are SUE quality level "B", ie: storm sewer, sanitary sewer, water hydrants & valves, utility poles, etc. All other existing utility information shown is SUE quality level "D", primarily retracement of one-call and city records.

<u>General Notes</u>

- All work within the road right-of-way shall conform to the technical specifications and design criteria for public improvement projects of the city of Lee's Summit, Missouri.
- Erosion Control shall be per the Erosion and Sediment Control Program Manual of the City of Lee's Summit, Missouri.
- All work and materials shall be subject to inspection and approval by the owner or the owner's representative. Any change or deviation from these plans must be authorized by the owner or the owner's representative.
- All traffic control in connection with construction in the right-of-way shall be in conformance with the Manual of Uniform Traffic Control Devices.
- The contractor shall be required to provide a stabilized construction entrance to prevent mud from being deposited onto adjacent roads.
- The contractor shall be responsible for obtaining all required permits, paying all fees, and otherwise complying with all applicable regulations governing the project.
- The contractor shall protect from damage or injury all property including survey monuments, property markers, benchmarks, etc. Items damaged shall be reset by a professional land surveyor licensed 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, sidewalks, street light and traffic signal junction boxes, traffic signal loop lead-ins, signal poles, etc. Damaged improvements shall be repaired in conformance with the latest city standards and to the city's satisfaction.
- The contractor shall sod all disturbed areas within the public street right-of-way.
- Paving shall conform to the soils report, and these drawings, any identified discrepancies shall be brought to the attention of the engineer.
- Contractor shall provide 48-hour notification to the city engineering division to schedule all required inspections.
- All concrete for public improvements shall comply with the Standards and Specifications of the Kansas City Metropolitan Materials Board (KCMMB). Structural concrete shall be 5,000 psi and nonstructural concrete shall be 4,000 psi.
- A right-of-way work permit and/or street excavations permit shall be obtained by the contractor to complete all utility work within the public street right-of-way.



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General Notes:

- The Contractor shall be responsible for obtaining all required permits, paying all fees, and otherwise complying with all applicable regulations governing the project.
- All materials, workmanship, and construction shall meet or exceed the city standards. Where there is conflict between these plans and standards, the higher auglity standard as determined by the engineer shall apply. All work shall be inspected and approved by contractor.
- All work and materials shall be subject to inspection and approval by the owner or the owner's representative. Any change or deviation from these plans must be authorized in writing by the owner or the owner's representative prior to work being completed.
- The work associated with and based on these plans, shall be subject to the requirements of, and conform to, the Municipal Code of Lee's Summit, Missouri, and the standards and specifications in current use. The standards, specifications, details, and procedures sub-referenced therein are hereby incorporated by reference.
- Lineal foot measurements shown on the plans are horizontal measurements, not slope measurements. All payments shall be made on horizontal measurements.
- No geological information is shown in these plans.
- Prior to commencement of work, the contractor shall notify all utility companies which have facilities in the near vicinity of the construction to be performed.
- All waste material resulting from the project shall be disposed of off-site in an approved landfill. All excavation shall be unclassified. No separate payment will be made for rock excavation. Contractor is responsible for all haul off material.
- The Contractor shall be reauired to provide a stabilized construction entrance to prevent mud from being deposited onto adjacent roads.
- All mud, dirt, and debris tracked onto the parking lot or any roadway shall be removed immediately by the contractor.
- The Contractor shall be responsible for keeping the public streets in the vicinity of the job site clean and free of rocks, soil and debris. Streets and/or parking areas will be scraped and swept on a daily basis by the general contractor.
- The Contractor shall protect from damage all survey monuments, property markers, benchmarks, etc. Items damaged shall be reset by a professional land surveyor licensed in the state of Missouri, at the contractor's expense.
- Paving shall conform to the geotechnical report and these drawings, any identified discrepancies shall be brought to the attention of the engineer immediately. If no geotech. report is provided for the project, the contractor shall use the minimum design standards as required by the city.
- The Contractor shall provide 48-hour notification to the city engineering division or proper city staff to schedule all required inspections.
- All concrete for public improvements shall comply with the city standards and specifications. If no city standards and specifications are provided, then the contractor shall comply with the standards and specifications of the Kansas City Metropolitan Materials Board (KCMMB) unless otherwise noted. Structural concrete shall be 5,000 psi and nonstructural concrete shall be 4,000 psi.
- The contractor shall be responsible for the restoration of the right-of-way and for damaged improvements such as curbs, sidewalks, street light and traffic signal junction boxes, traffic signal loop lead—ins, signal poles, etc (offsite and onsite). Damaged improvements shall be repaired in conformance with the latest city standards and to the city's satisfaction.
- All work within the road right-of-way shall conform to the technical specifications and design criteria for public improvement projects of the city of Lee's Summit, Missouri or the transportation department of Missouri. A right-of-way work permit and/or street excavations permit shall be obtained by the contractor if required to complete all work within the public right-of-way.
- All traffic control in connection with construction in the right-of-way shall be in conformance with the Manual of Uniform Traffic Control Devices and/or the jurisdictional authority. It is the contractor's responsibility to obtain a traffic control permit if reauired.
- All waste materials, trash and construction debris shall be collected and stored in dumpsters. No construction waste shall be buried on site. All hazardous waste materials will be disposed of in the manner specified by local, state and federal regulations. Site personnel shall be instructed in these practices, and the construction manager shall be responsible for seeing that these practices are followed.
- Recommendations made by the geotechnical engineer, to be retained by the owner, and contained in the geotechnical report shall govern project conditions unless noted otherwise. Paving shall conform to the geotechnical report. Any discrepancies shall be brought to the attention of the engineer.
- The Contractor shall grade areas to provide positive drainage.
- The contractor shall be responsible for the coordination of work between suppliers and subcontractors involved in the project, including staging of construction details.
- All disturbed areas shall be maintained for dust control. Sprinkling tank trucks shall be available at all times & used on on-site disturbed areas, and other areas where dust becomes a problem as a result of construction activity.

• Nothing indicated on these drawings shall relieve the contractor from complying with appropriate safety regulations. <u>Utility Notes</u>:

- Boundary information, existing utilities and topographic features shown are based on information supplied by owner, surveyor, and others.
- The existing utility locations shown on these plans are approximate and may not include all utility lines present. The contractor shall be responsible to contract "One Call" and coordinate field location of all existing underground utilities prior to beginning excavation/construction activities.
- The contractor shall be responsible for any damage to any utilities or their structures during excavation/construction activities. Utilities include but are not limited to a service such as electricity, communication, water, public transportation (including traffic signals), storm systems, and items provided by a public utility.
- The contractor shall coordinate and be responsible for connection fees, system development fees, taxes, etc. for all main connections and/or extensions with and from the city and/or respective utility unless otherwise coordinated with the Owner. All utility services for this project shall be coordinated with respective utility company by contractor.
- The contractor shall be responsible for adjusting all at-grade utilities such as manhole covers, valve box covers, etc. to finish grade, whether specifically indicated in these plans or not.
- Utilities shown on the plan with specific elevations and/or structure locations are SUE quality level "B", ie: storm sewer, sanitary sewer, water hydrants & valves, utility poles, etc. All other existing utility information shown is SUE quality level "D", primarily retracement of one-call and city records.
- Refer to mechanical, electrical, and plumbing (MEP) plans for utility service sizes and exact locations. Refer to site electric plans for electric construction details.
- Provide temporary support for existing utility lines that are encountered during construction until backfilling is complete.
- Backfill all utility trenches according to the most recent edition of the jurisdictional standards.
- All utilities shall be brought within 5' of the building to connect to plumbing contractors work unless otherwise specified.
- The Contractor shall adjust all utility fixtures, manholes and inlets to finished grade as required.
- The Contractor shall maintain 18" minimum vertical clearance between storm sewer and sanitary sewer pipes and 18" minimum vertical clearance between sanitary sewer and water main unless otherwise specified.
- Contractor shall prevent entry of mud, dirt, debris, and other material into new and existing storm sewer systems. Should any contamination occur during construction, the contractor shall clean at contractor's expense. Upon completition of all storm sewer improvements, all new and existing pipe and structures shall be cleaned out.
- Electrical, lighting, and data conduit layout shown is for graphical purposes only. See MEP plans for more detail.

• The Contractor shall provide all temporary power, process, and utility service bypasses and connections as required.

Erosion Control Notes:

• The installation of the silt fencing, the maintenance of the drainage swales, and the construction of the stabilized entrance shall be completed prior to any clearing and grading of any portions of the site. Disturbed portions of the site where construction activities have permanently ceased shall be stabilized with permanent seeding no later than 14 days after the last construction activity, refer to SWPPP. Roadway swales shall be stabilized with Erosion Control Devices. Once construction activity ceases permanently in an area, that area shall be stabilized with permanent seed and mulch. Only after the entire site has been stabilized, the silt fencing shall be removed.

• The general contractor, or designated erosion control contractor, shall be responsible for construction and maintenance of erosion control devices and practices. The contractor shall be responsible for implementation of, and ensuring compliance of, the project Storm Water Pollution Prevention Plan (SWPPP), a copy of which shall be obtained from the Design Engineer. The SWPPP shall be maintained on site per NPDES requirements and shall be available for review at any time, by any authorized Federal, State, or local review official, as well as the Design Enaineer. The general contractor, or designated erosion control contractor, shall also be responsible for ensuring compliance with, and paying any fees associated with, the State of Missouri General Permit for Stormwater Runoff associated with construction activities, a copy of which shall be maintained in the aforementioned SWPPP.

• This project shall be constructed in compliance with the soil erosion and sedimentation control permit, and conform to the standards and specifications of the city of Lee's Summit, Missouri, prior to any land disturbance changes.

• Erosion and any sedimentation from work on this site shall be contained on the site and not allowed to collect on any offsite areas or in waterways. Waterways include both natural and man-made open ditches, streams, storm drains, lakes and ponds. Refer to erosion control plans for more information.

• The contractor shall be responsible to control downstream erosion and siltation during all phases of construction. Erosion control work and procedures shall be in place prior to beginning excavation/construction activities. To ensure progressive stabilization of disturbed earth, Erosion control devices shall be staged, installed and maintained throughout land disturbance activities as directed in the drawings, project manual and in accordance with all federal, state and local standards until the site is stabilized.

• The contractor shall implement and maintain Erosion Control Devices as shown in the drawings and project manual before, and at all times during the construction of this project. Any modifications to the devices due to construction or changed conditions shall be complied with as required or as directed by the city of Lee's Summit, Missouri.

• The contractor shall be responsible for installation and maintenance of all Erosion Control devices. This includes providing berms, silt fence, or other means to prevent erosion from reaching the right of way and offsite boundaries. In the event the prevention measures are not effective, the contractor shall remove any debris and erosion, restoring the right of way to original or better condition.

Contractor is to provide erosion protection for all storm sewer inlets.

• If any of the Erosion control devices on the site are deemed inadequate or ineffective, the city of Lee's Summit, Missouri has the right to require additional Erosion control measures at the expense of the general contractor.

• If any pump-driven dewatering is needed, it shall be discharged though a filter bag over a well-vegetated area. The pump must discharge at a non-erosive velocity. If necessary, an approved energy dissipater may be used.

• Permanent BMP's for any disturbed land area shall be completed by the general contractor within 5 calendar days after final grading or the final earth change has been completed. When it is not possible to permanently stabilize a disturbed area after land disturbance activity ceases, temporary Erosion control devices shall be implemented immediately. All temporary Erosion control devices shall be maintained until permanent BMP devices are implemented. All permanent BMP's will be implemented and established before a certificate of compliance is issued.

• Strip topsoil only from those areas that will be disturbed by excavation, filling, road building, or compaction by equipment. Refer to the geotechnical report for depths of stripping. Put sediment basins, diversions, and other controls into place before stripping.

• When topsoiling, maintain needed erosion control practices such as diversions, grade stabilization structures, berm, dikes, level spreaders, waterways and sediment basins.

• Grades on the areas to be topsoiled which have been previously established shall be maintained.

• Bonding – Immediately prior to dumping and spreading of topsoil, loosen the subgrade by discing or scarifying to a depth of at least 4", to permit bonding of the topsoil and subsoil.

• The general contractor shall inspect the Erosion Control devices once every 14 days under any circumstances, within 24 hours of rainfall, and daily during a prolonged rain event unless otherwise noted in the SWPPP or by the jurisdictional authority. A log of inspection report shall be maintained and accessible in accordance with National Pollution Discharge Elimination System (NPDES) requirements. Any required maintenance shall be provided within 72 hours.

• Install silt fence, inlet filters, and other Erosion Control devices as indicated in the drawings, per APWA and authority regulations, and at additional affected areas as necessary. Build-up of sediment shall be removed promptly per authorities regulations. If silt fence decomposes or becomes ineffective prior to the end of expected usable life and the barrier is still required, the silt fence shall be replaced promptly. Sediment shall be removed from sediment traps or basins when design capacity has been reduced to 50%. Contractor shall flare the ends of the silt fence uphill in order to temporarily impound runoff.

• Earthen berms shall be regularly inspected, and inspected after each rainfall event. Repairs to earthen berms shall be made immediately. If the earthen berm shows signs of erosion, and it is determined that material must be added to fix the berm, the material shall be properly placed, compacted and reseeded. The berm shall be reseeded and stabilized, as needed, to maintain its soundness whether or not there has been any rainfall.

• Drainage swales shall be inspected regularly and after every rainfall event. Repairs to drainage swales shall be made immediately. If the flow channel and/or outlets show signs of deficiency, the damaged area(s) shall be restabilized and reseeded, as needed, to prevent further damage. If additional measures are needed to eliminate issues, contractor shall notify the engineer for possible modifications.

• Refer to the jurisdictional authority for temporary gravel construction entrance details. If not specified, refer to APWA standards. The entrance and exit areas of the project shall be cleared of all vegetation, roots, and other objectionable material. The gravel shall be placed to the proper dimensions and graded to a smooth and even slope. Construction entrance drainage shall be provided to carry water to a sediment trap or other suitable outlet.

<u>Stockpiling Notes:</u>

• Select stockpile location to avoid slopes and natural drainageways, avoiding traffic routes. On large sites, re-spreading is easier and more economical where topsoil is stockpiled in small piles located near areas where they will be used.

• Sediment Barriers – Use sediment fences or other barriers where necessary to retain sediment.

• Temporary Seeding - Protect topsoil stockpiles by temporarily seeding as soon as possible, not to exceed 14 days, weather permitting, after the formation of the stockpile.

• Permanent Vegetation – If stockpiles will not be used within 12 months, they must be stabilized with permanent vegetation to control erosion and weed growth.

• All stockpiled soils shall be maintained in such a way as to prevent erosion from leaving the site. Silt fence must be installed around the perimeter of the stockpile.

<u>Seeding Notes:</u>

- wheat or oats at 100lbs. per acre.

- plantings and operations.

- standards for proper installation.

Demolition <u>Notes</u>:

- Verification Forms, SWPPP Etc.
- respective utility.
- shown on the plans.
- hours prior to placement of structural fill.
- existina fill.
- demolition, should hazardous materials be encountered.
- shall be undercut and replaced with structural fill.

<u>Retaining Wall Notes:</u>

- any interactions with the proposed improvements.
- spot elevations.
- are provided on the site grading plan.

• Seeding shall be as follows unless otherwise stated in the landscape plans.

• Annual rye grass, wheat, or oats should be used for temporary seeding. Apply rye grass at 120lbs. per acre,

• A mixture of 65% kentucky bluegrass and 35% chewing fescue or creeping red fescue should be used for permanent seeding. Apply the mixture at 2lbs. per 1000ft

• Seedbed preparation-Install necessary mechanical erosion and sedimentation control practices before seeding, and complete grading according to the approved plan. Lime and fertilizer needs should be determined by soil test. Apply the lime and fertilizer evenly and incorporate into the top 4"-6" of soil by discing or other suitable means.

• All seeding shall be performed during favorable weather conditions and only during normal and accepted planting seasons when satisfactory growing conditions exist. The planting operations shall not be performed during times of extreme drought, when ground is frozen or during times of other unfavorable climatic conditions unless otherwise approved by owner's representative. The contractor assumes full and complete responsibility for all such

• Seed should be labeled in accordance with U.S. Department of Agriculture rules and regulations under the federal seed act and comply with the requirements of the Missouri seed law. Labels contain important information on seed purity, germination, and presence of weeds. Weed seed should not exceed 1.0% by weight of the mixture.

• Apply seed uniformly with a cyclone seeder, drill, cultipacker seeder, or hydroseeder. Small grains should be planted no more than 1" deep, and grasses and legumes no more than $\frac{1}{2}$ ".

• Generally, a permanent stand of vegetation cannot be determined to be fully established until soil cover has been maintained for one full year from planting. Inspect seeded areas for failure and make necessary repairs and re-seedings within the same season, if possible.

• The Contractor shall seed all disturbed areas unless otherwise noted by landscape plans. Immediately after seeding, mulch all seeded areas with unweathered small grain straw, spread uniformly at the rate of 1-2 tons per acre or 100lbs (2–3 bales) per 1000ft². The mulch should be anchored with disc type mulch anchoring tool or other means as approved by the jurisdictional authority. Mulch matting may be used in lieu of loose mulch.

• The Contractor shall sod all disturbed areas within the public street right-of-way. Refer to city and state

• At the site, the Contractor shall maintain the required documents for immediate review, included but not limited to: Site Safety Plan, Demolition Permits, Street Closure Permits, Contract Documents, Demolition Plans, Salvage

• The Contractor shall notify all utility companies for field verification and disconnection of utilities prior to any work. Coordination is required for both temporary and permanent utility services that serve the site including, but not limited to: water lines, power, telephone, cable, storm sewer, sanitary sewer with the city and/or

• The Contractor is specifically cautioned that the locations and/or elevation of existing utilities as shown on these plans are based on records of the various utility companies, and where possible, measurements taken in the field. The information is not to be relied on as being exact or complete. Contractor shall contact One Call utility information service for utility locates. The Contractor must call the appropriate utility companies at least 72 hours before any excavation to request exact field location of utilities. The Contractor shall also coordinate and allow access for utility companies to perform any disconnection or relocation activities. It shall be the responsibility of the Contractor to relocate all existing utilities which conflict with the proposed improvements

• Remaining building structures and remaining utility services shall be protected from damage. Damage to any existing features to remain will be replaced at the Contractor's expense.

• Areas disturbed during demolition shall be thoroughly evaluated by the geotechnical engineer responsible for site preparation prior to placement of structural fill. All disturbed soils shall be undercut prior to placement of structural fill, per the geotechnical recommendations. Contractor shall notify the geotechnical engineer at least 72

• Excavations created by the removal of any existing utility lines that extend below design grades shall be cut wide enough to allow use of heavy construction equipment to compact the fill. Base of the excavations shall be thoroughly evaluated by the geotechnical engineer prior to placement of fill. If existing utilities are to be left in-place, existing trench backfill shall be evaluated in accordance with the recommendations of evaluation of

• The Contractor shall be responsible for obtaining all Federal, State, and local permits, obtaining all inspections, and shall conform to all governing codes and regulations required to perform necessary abatement during

• Contractor is responsible for legally disposing of all materials and associated cost of interim storage facilities.

• For tree & stump removal, the Contractor shall remove all root systems from the site not designated to be saved. Materials disturbed during removal of stumps shall be undercut and replaced with structural fill. A zone of desiccated soils may exist in the vicinity of the trees. The desiccated soils have a higher swell potential and

• No construction waste shall be buried on site. All hazardous waste materials will be disposed of in the manner specified by local, state and federal regulations unless approved by owner's representative.

• Site retaining wall improvements shall be designed by a licensed professional engineer retained by the contractor. The wall engineer and contractor shall satisfy themselves of the conditions of the surrounding site features and

• Retaining wall design drawings and specifications shall be provided to the owner and owners representative for review and approval. All retaining wall designs shall be signed and sealed by a registered Professional Engineer licensed in the state of Missouri. Design services shall be included in retaining wall pricing.

• Refer to Retaining Wall drawings for wall information. Civil plan set shall only be used for general location and

• The Contractor is responsible for coordinating all inspections, certifications, permits, fees and close out of the wall unless otherwise determined. Contractor shall notify wall design engineer for final inspection. Contractor shall include in construction cost for all of the above items related to the installation of the retaining wall.

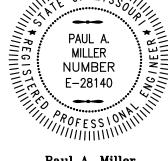
• Any wall shown is a schematic representation of the proposed walls. The spot elevations denoting retaining walls

• If the wall is greater than 30" and is in an accessible area, guard rails are required per code.



davidson

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Paul A. Miller Licensee # E-28140

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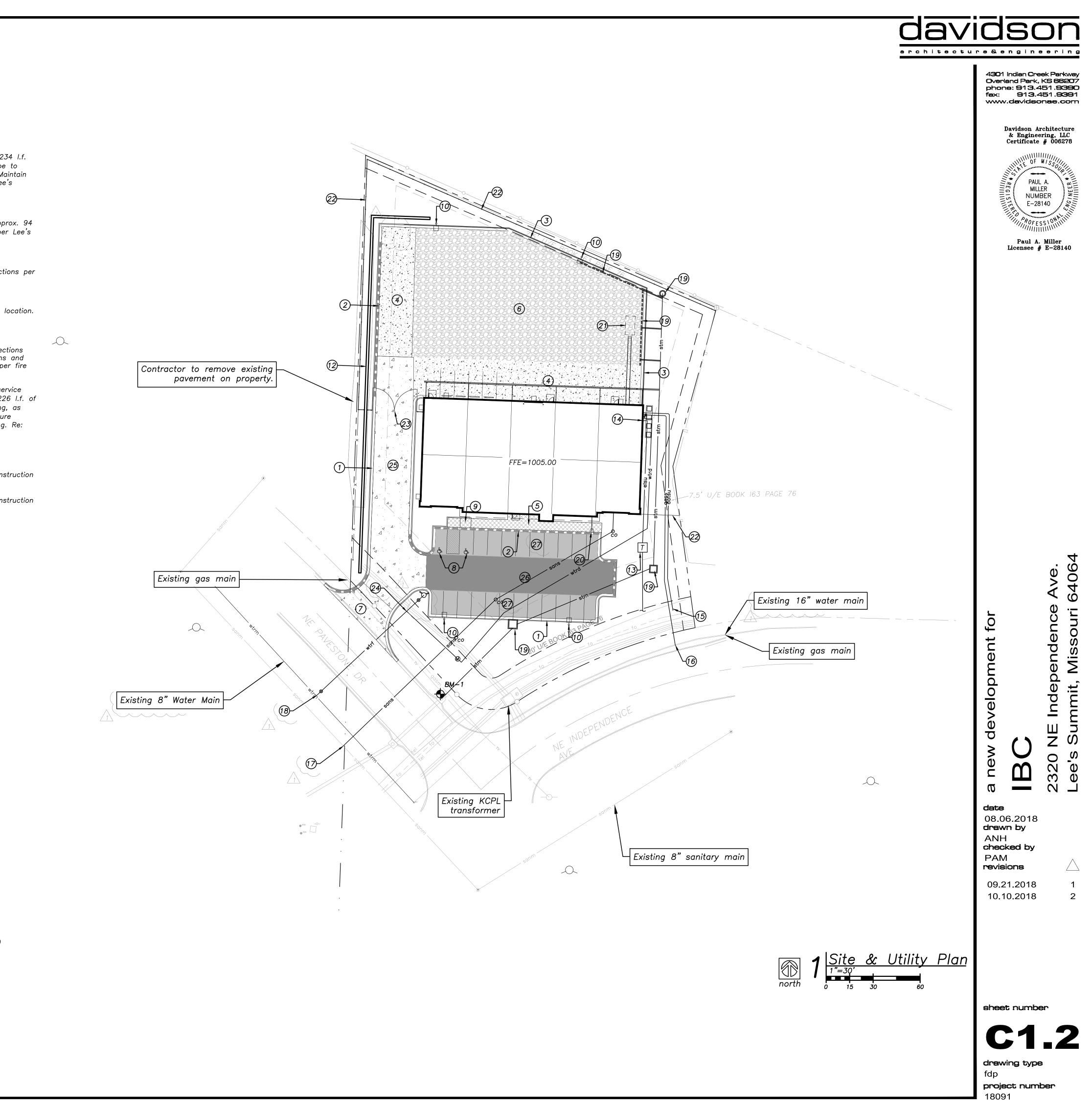
sheet number



Curb Inlet on North side of NE Pa Northing = 999983.011 Easting = 1000072.494 Elevation = 1000.101	t Corner of vestone Drive	A Contraction of the contraction	5	
Construction Notes#1. Construct Standard Type CG- (see construction legend)2. Construct Standard Type CG- indicated. (see construction legend)		<pre>{17.</pre>	of 4" PVC SDR-2 building. Re: MEP	.20
3. Construct Standard Type CG-, where indicated. (see construc	2 Dry Roll Back Curb & Gutter 🛛 🖌 ction legend)	18.	l.f. of 6" C900 F	on existing 8" water main. Install ap VC. Line to be bored under street p
4. Construct Standard concrete legend) Re: C4.1 for sections	pavement, typ. (see construction	19.	Summit requirem Storm sewer. Re:	
<u> </u>	sidewalk, typ. (see construction	20.	manufacturer spe	ng station and required utility connec cifications. for power to station.
	, typ. (see construction legend) e per Lee's Summit standards.	21.	Install double wal	l fuel tank and required utilities per cifications. Coordinate with owner on
8. 4" parking striping, white, inc	I. universal ADA symbol, re: Arch	22.		Architectural Plans.
plans. 9. Construct Accessible ramp per spot elevations	r ADA Standards. Re: C2.4 for	23.	per manufacturer Site Electric. Prov	swing gate and required utility conn specifications. See Architectural Pla vide Knox padlock installed on gate
 Light poles. (See lighting plan Not Used. Concrete retaining wall. Design Install primary electric and constant standards. Coordinate installat 	n by others. oncrete transformer pad per KCPL	24.	line to 1" meter 1.5" type "K" wat shown. Maintain i backflow prevente	rements. Install 43 l.f. of 1" type "K" water s and pit, per city standards. Install 2 er service line from meter to buildin min. 48" cover. Install reduced press r on water service line inside buildir ntinuation at building.
14. Coordinate with KCPL to insta	<u> </u>	25.	-	Duty concrete pavement, typ. (see nd) Re: C4.1 for sections.
15. Telephone/Cable/Data service utility.	lines. Coordinate installation with	26.	J	Duty asphalt pavement, typ. (see co
		27.	Construct Heavy legend) Re: C4.1	Duty asphalt pavement, typ. (see co for sections.
notify the engineer immediately of	ion & depth of existing utilities and any conflicts.	1	<u>Constructio</u>	<u>n Legend</u> heavy duty asphalt pavement
				standard asphalt pavement
<u>Utility Contacts</u> Sanitary sewers — City of Lee's : Water — City of Lee's Summit, p	hone (816) 969–1900			standard asphalt pavement standard concrete pavement heavy duty concrete pavement gravel pavement
Sanitary sewers — City of Lee's : Water — City of Lee's Summit, p Electric — KCP&L, phone (888) 4	hone (816) 969—1900 471—5275			standard concrete pavement heavy duty concrete pavement gravel pavement concrete sidewalk
Sanitary sewers — City of Lee's : Water — City of Lee's Summit, p	hone (816) 969—1900 471—5275 2266			standard concrete pavement heavy duty concrete pavement gravel pavement
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Sanitary sewers – City of Lee's S Water – City of Lee's Summit, pr Electric – KCP&L, phone (888) 4 Gas – Spire, phone (816) 969–2 Telephone – At&T, phone (800) 4 Cable – Time Warner, phone (816) Storm sewer – City of Lee's Sum ***call before you dig – one call <u>Utility Legend</u> <u>Linetypes</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u> <u>sans</u>	hone (816) 969–1900 471–5275 2266 464–7928 6) 358–8833 nmit, phone (816) 969–1800 I system (800) 344–7483 existing proposed sanitary main sanitary service storm sewer (existing) storm sewer (solid wall, propose storm sewer (solid wall, propose storm sewer (perforated, propose storm sever (fire) water service (fire) water service (irrigation) natural gas main natural gas main natural gas service schematic underground primary electric	ed) ed)		standard concrete pavement heavy duty concrete pavement gravel pavement concrete sidewalk standard curb & gutter standard dry curb & gutter dry roll back curb & gutter dry roll back curb & gutter water valve force main release valve rectangular structure fire hydrant water valve water meter backflow preventer natural gas meter
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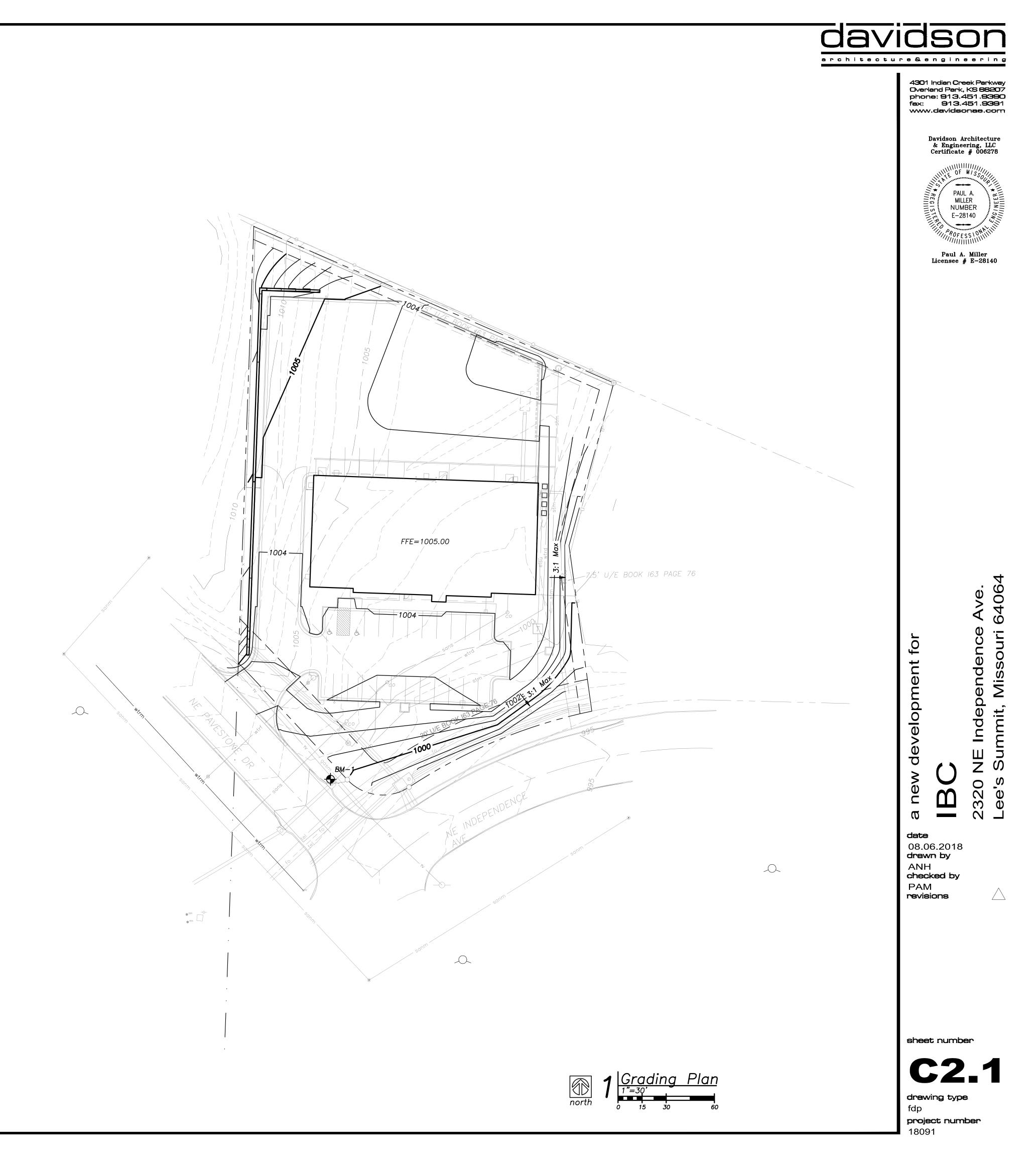
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end section



<u>Syml</u>	bols		<u>Local Benchmarks:</u>	⊕ ^{BM} −#	
S	sanitary manhole		<u>BM-1:</u> Chiseled Square		
000	service cleanout	Curb Inlet on North side of NE Pavestone Northing = 999983.011 Easting = 1000072.494 Elevation = 1000.101		of NE Pavestone Drive	
⊗ ^{fmv}	force main release val				
	rectangular structure				
\bigcirc	circular structure				
с V	fire hydrant				
⊗ ^w ∨	water valve				
M	water meter				
BFP	backflow preventer				
\boxtimes^g	natural gas meter				
T	service transformer (p	ad mount)			
S	primary switch gear				
 ☆	light pole				
С	cable/phone/data junc	tion box			
⊕	street light				
0-⊕	pedestrian street light				
ø	electric pole				
\rightarrow	guy wire				
	end section				
Dreenert	. Logond				
	<u>v Legend</u>	right of way			
		right of way property lines			
		easements			
		setbacks			
<u>Grading</u>	Legend				
		existing minor c	ontour		
		existing major c			
		proposed minor	contour		
		proposed major	contour		
<u>Utility Le</u>	<u>gend</u>				
		existing proposed			
Linetypes	3	proposed			
	sanm	sanitary main			
	sans —	sanitary servic storm sewer (
		storm sewer (solid wall, proposed)		
	=========	storm sewer (solid wall, proposed) perforated, proposed)		
		water main water service			
	wtrd	water service water service			
	—— gasm ———— — — — gass — — ——	natural gas m natural aas se	ain ervice schematic		
	elpu	underground p	rimary electric		
	elsu	underground s	econdary electric		
	datu datsu		able/phone/data able/phone/data service		





<u>Floodpl</u>	<u>ain Note:</u>		Local Benchmarks: 🔶 BM-#	
29095CC	0430G, revised January	in zone X of FEMA FIRM MAP number 20, 2017, Zone X is defined as areas 0.2% annual chance floodplain.	<u>BM—1:</u> Chiseled Square in Northwest Curb Inlet on North side of NE Pave Northing = 999983.011 Easting = 1000072.494	Corner of stone Drive
<u>Erosion</u>	<u>Control Legend</u>		Elevation = 1000.101	
	■■■■■■■ Phas	e I Silt fence		
	Phas	e I Inlet protection		
	- Iimits	s of disturbance		
	cons	truction entrance		
	topso	il stockpile area		
	conc	rete washout area		
				Q
<u>Property</u>	<u>Legend</u>			
		right of way		
		property lines		
		easements		
		setbacks		
Grading	Legend			
		existing minor contour		
		existing major contour		
		proposed minor contour		
		proposed major contour		
<u>Utility Le</u>	egend			
		existing		
Linetype	<u> </u>	proposed		
	<u></u> sanm	sanitary main		
	sans	sanitary service		
		storm sewer (existing) storm sewer (solid wall, proposed)		Prio ma
====	stm 	storm sewer (solid wall, proposed) storm sewer (perforated, proposed)		(
	wtrm	water main water service (fire)		acci
	wtrd wtri	water service (domestic) water service (irrigation)		
	gasm	natural gas main		
—— — gass	— — — gass — — —	natural gas service schematic		
	elpu	underground primary electric underground secondary electric		
	datu	underground cable/phone/data		
	datsu	underground cable/phone/data service		
<u>Sym</u>	<u>bols</u> sanitary manhole			
(S)	service cleanout			
o ^{co} ⊗ ^{fmv}	force main release va	lve		
	rectangular structure			
	circular structure			
0 ×	fire hydrant			
С	water valve			
⊗ ^{wv}	water meter			
(M)	backflow preventer			
BFP				
⊠ ^g	natural gas meter		AL ONE CALL SUST	
T	service transformer (p	paa mountj		
S ☆	primary switch gear		M Star	
	light pole			
С	cable/phone/data jun	ction box	BEFORE YOU	
0⊕	street light			
	pedestrian street light			

electric pole

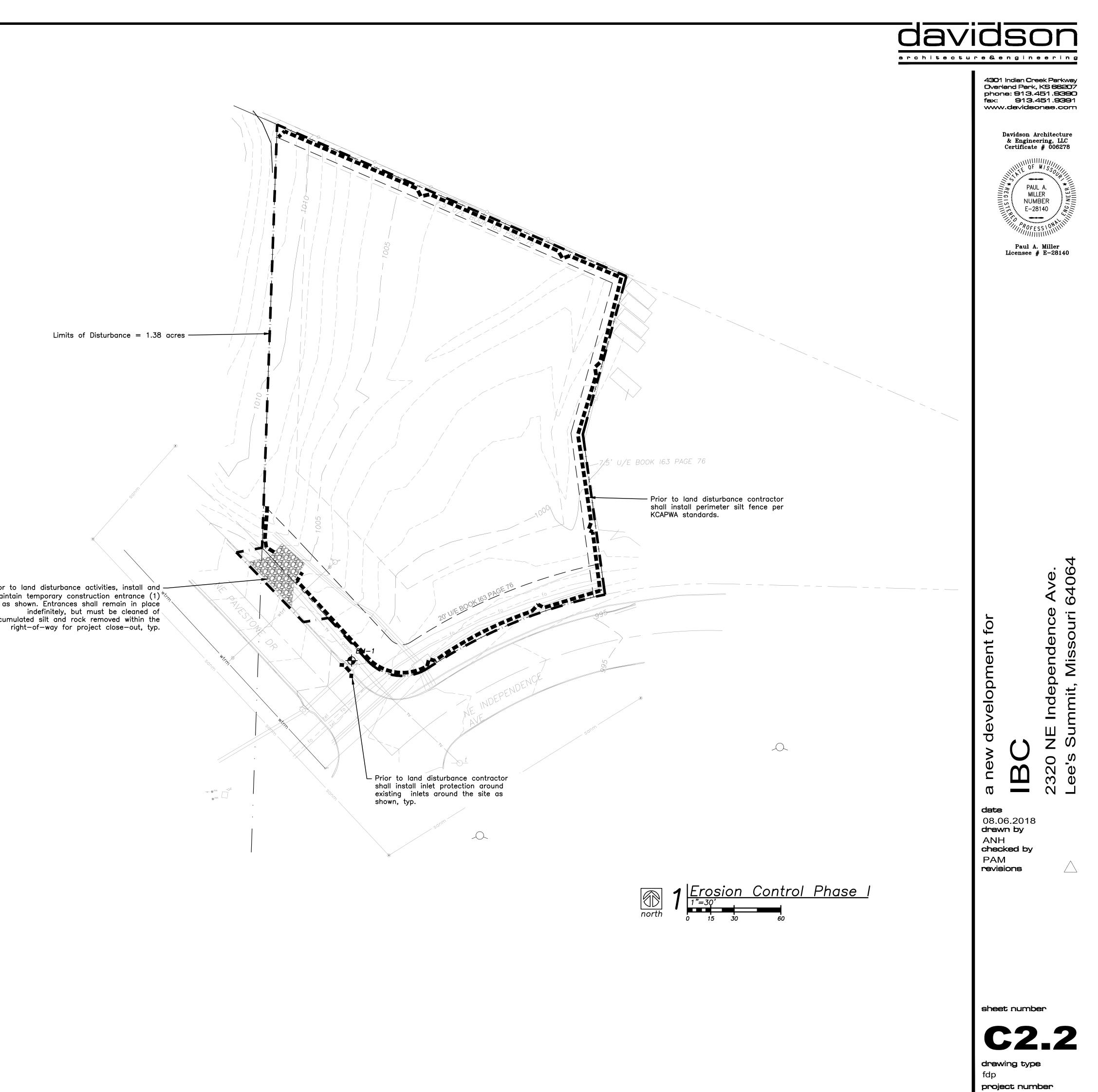
guy wire

end section

Ø

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 \square



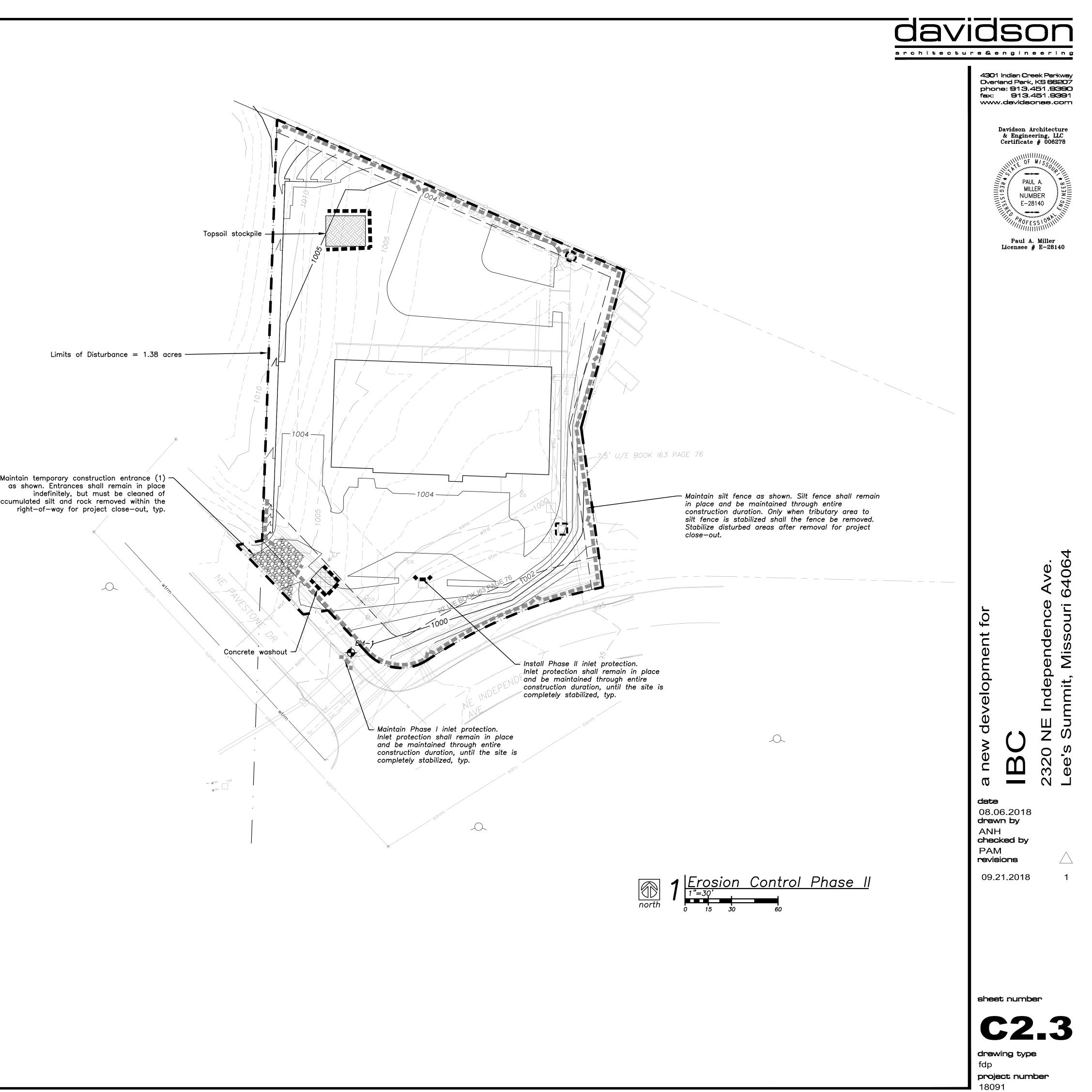
18091

<u>Floodplain Note:</u>		Local Benchmarks: 🔶 BM-#	<i>¥</i>
29095C0430G, revised Ja	ocated in zone X of FEMA FIRM MAP number nuary 20, 2017, Zone X is defined as areas the 0.2% annual chance floodplain.	<u>BM—1:</u> Chiseled Square in Northwes Curb Inlet on North side of NE Pa Northing = 999983.011 Easting = 1000072.494	st Corner of ivestone Drive
<u>Erosion Control Leger</u>	<u>nd</u>	Elevation = 1000.101	
	Phase I Silt fence		
	Phase I Inlet protection		
	Phase II Silt fence		
C +=+	Phase II Inlet protection		
······································	limits of disturbance		
	construction entrance		
	topsoil stockpile area		
	concrete washout area		
Property Legend			
	right of way		
	—— property lines		
	- — — easements		
	setbacks		
Cradina Logond			
<u>Grading Legend</u>	——— existing minor contour		
	– — existing major contour		
	proposed minor contour		.,
	proposed major contour		Мс
<u>Utility Legend</u>			acc
	existing proposed		
<u>Linetypes</u>			
sanm	—— sanitary main —— sanitary service		
	<pre>storm sewer (existing) storm sewer (solid wall, proposed)</pre>		
wtrm			
wtrd wtri	water service (domestic) water service (irrigation)		
gasm	—— natural gas main		
gass gass elpu	- — natural gas service schematic —— underground primary electric —— underground secondary electric		
elsu	underground secondary electric underground cable/phone/data		
datsu	underground cable/phone/data service		
<u>Symbols</u>			
sanitary manhol	e		
oco service cleanout			
⊗ ^{fmv} force main relea	ase valve		
rectangular stru			
C circular structur	e		
♂ fire hydrant ∞wv water valve			
⊗ ^{wv} water valve ∭ water meter			
(M) BFP backflow preven	ter		
<u>Brr</u> ⊠ ^g natural gas met		ONE CALL ST	
	mer (pad mount)		
S primary switch	gear		
☆ light pole			
C cable/phone/da	ta junction box	ALL BEFORE YOU'S	
o⊕ street light			
$\circ \oplus$ pedestrian stree	t light		
arnothing electric pole			

\square	end	section

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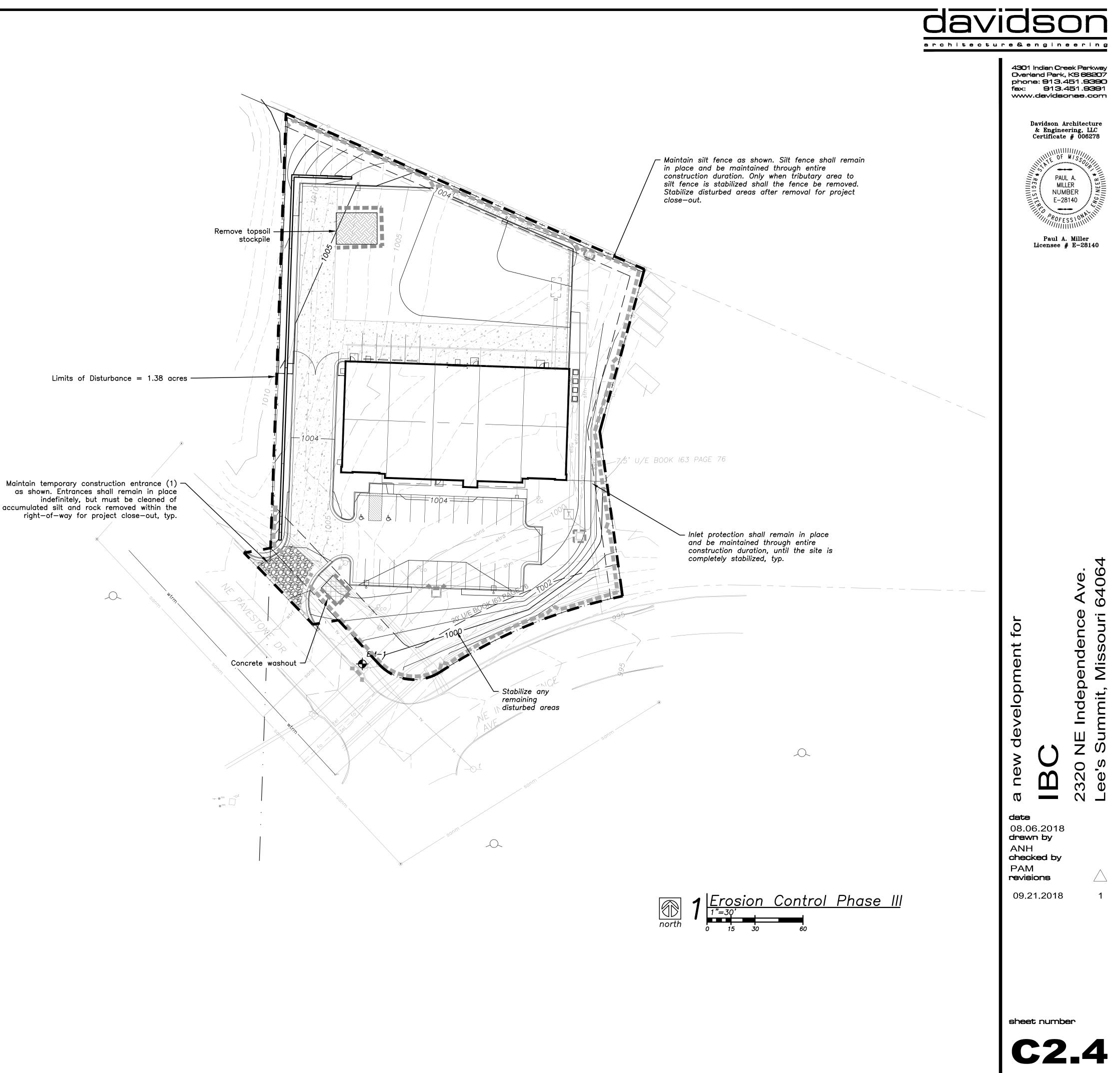
guy wire



<u>Floodplain Note:</u>	Local Benchmarks: 🕂 BM-#
The subject property is located in zone X of FEMA FIRM MAP number 29095C0430G, revised January 20, 2017, Zone X is defined as areas determined to be outside the 0.2% annual chance floodplain.	<u>BM–1:</u> Chiseled Square in Northwest Corner of Curb Inlet on North side of NE Pavestone Drive Northing = 999983.011 Easting = 1000072.494
<u>Erosion Control Legend</u>	Elevation = 1000.101
Phase I Silt fence	
Phase I Inlet protection	
Phase II Silt fence	
Phase II Inlet protection	
Imits of disturbance	
construction entrance	
topsoil stockpile area	
Concrete washout area	
<u>Property Legend</u> right of way	
right of way property lines	
easements	
<u>Grading Legend</u>	
existing major contour	
proposed minor contour	
proposed major contour	
<u>Utility Legend</u>	C
existing proposed	
<u>Linetypes</u>	
sans sanitary service storm sewer (existing)	
stmstorm sewer (solid wall, proposed) stmstorm sewer (solid wall, proposed)	
======================================	
wtrf water service (fire) wtrd water service (domestic)	
water service (domestic) water service (irrigation)	
———— gasm ————————————————————————————————————	
elsu elsu underground secondary electric	
Symbols	
S sanitary manhole	
_o co service cleanout	
⊗ ^{fmv} force main release valve	
rectangular structure	
O circular structure	
o fire hydrant	
⊗wv water valve	
M water meter	
BFP backflow preventer	
⊠ ^g natural gas meter	ONE CALL STS
T service transformer (pad mount)	AND
S primary switch gear	E BERNER BERNER
☆ light pole	
C cable/phone/data junction box	CALL BEFORE 10
o⊕ street light	
o-⊕ pedestrian street light	

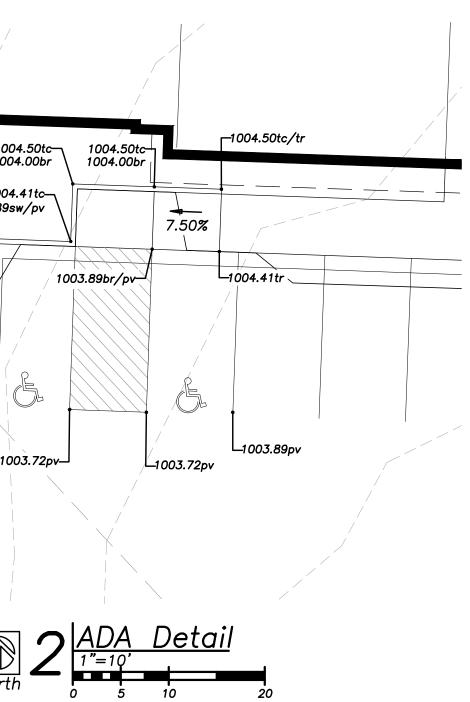
Ø	electric	pole

- ____ guy wire
- D end section



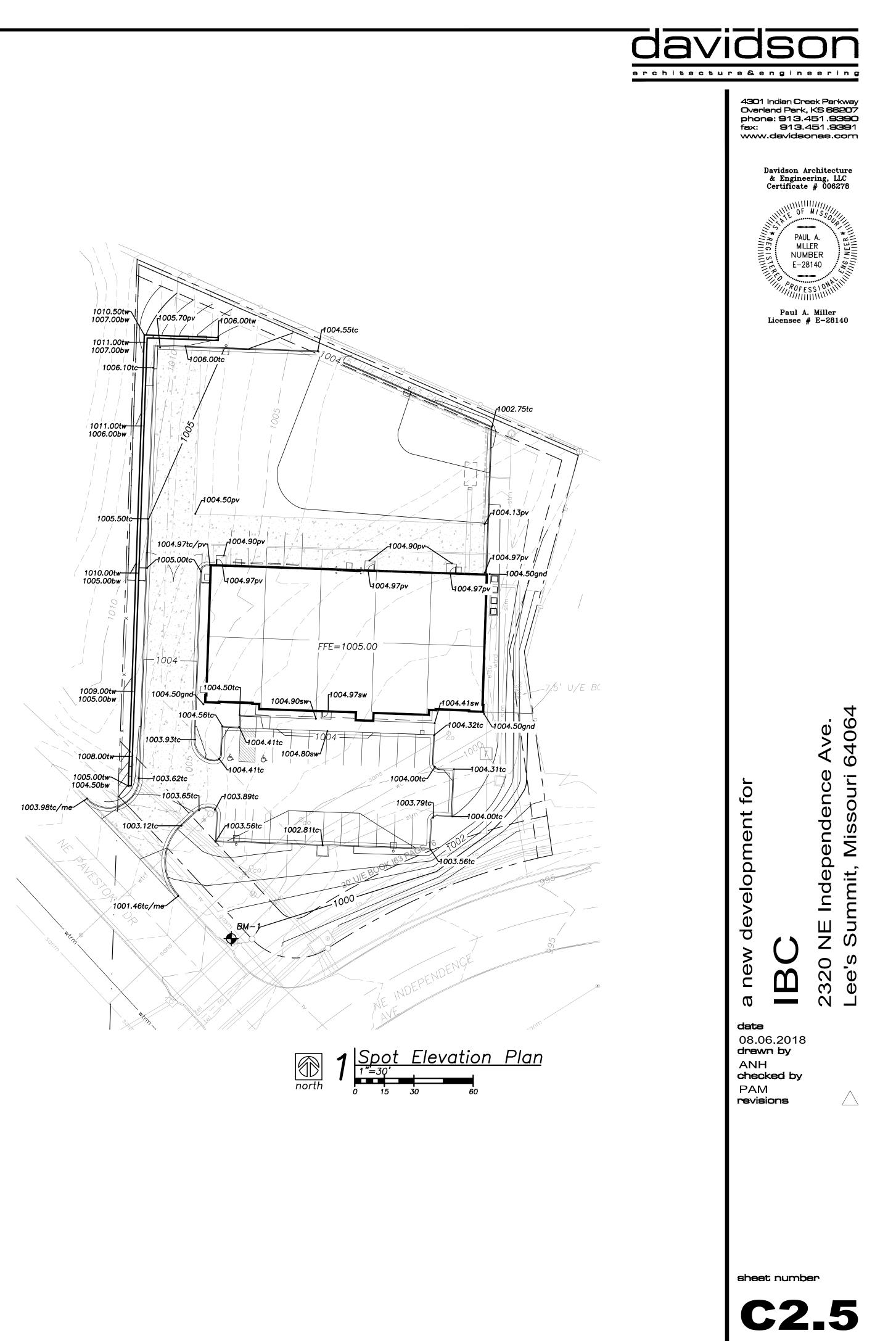
<u>Sym</u>	<u>ıbols</u>		Local Benchmarks: 🔶 BM-#	
S	sanitary manhole		<u>BM—1:</u> Chiseled Square in Northwest Corner of	
000	service cleanout		Curb Inlet on North side of NE Pavestone Drive Northing = 999983.011	
⊗ ^{fmv}	force main release valve		Easting = 1000072.494	
	rectangular structure		Elevation = 1000.101	
0	circular structure			
у Т	fire hydrant			
⊗ ^w ∨	water valve			
۵ س	water meter			
BFP	backflow preventer			
<u>⊳r</u> ⊠9	natural gas meter			
T	service transformer (p	oad mount)		
	primary switch gear	,		1004.
ऽ \$	light pole			1004.
С	cable/phone/data jund	ction box		1004.4 1003.89sw
				1004.56tc
₀ ●	pedestrian street light			
	electric pole			
Ø	guy wire			
ΓA	end section			
<u>Propert</u>	<u>ty Legend</u>			1004.41tc
		right of way		³ 4 1 1003
		property lines		
		easements		
		setbacks		
<u>Grading</u>	<u>Legend</u>			
		existing minor o	contour	
		existing major o		<) north
		proposed minor		north
		proposed major	contour	
<u>Utility Le</u>	<u>egena</u>	•		
		existing proposed		
<u>Linetype</u>	<u>s</u>			
	sanm	sanitary main sanitary servio		
===	sans	storm sewer	(existing)	
	stm	storm sewer	(solid wall, proposed) (solid wall, proposed)	
	wtrm	storm sewer water main	(perforated, proposed)	
	wtrf	water service water service		
	wtri	water service		
gass	gasm gass	natural gas n natural gas s	nain ervice schematic	
	elpu	underground µ	orimary electric	
	elsu	underground	secondary electric	
	datu datsu		cable/phone/data cable/phone/data_service	
			· · · ·	





Spot	Elevation	Legend

br tr me pv bw	= = =	bottom of ramp top of ramp match existing pavement bottom of wall
tw	=	top of wall
tc	=	top of curb
SW	=	sidewalk
ti	=	top of inlet
bldg	=	building
FFĔ	=	finished floor elevation



	•	
Offsite 0.26 ac C=0.30		
		AGE 76
	Area A1 1.36 ac C=0.32	
		16
A Senar		20' UIE BOOK 163 PAGE 76 to
S CRAME AND A CONTRACT OF A CO		
		2 NE INDEPENDENCE
44 19 19 19	h contraction of the contraction	2 NE NE
<u>Pre-Construction Impervious Area</u> Square Fee		$\boxed{1} \frac{1}{1^{"=30'}} \frac{1}{1^$
Area of Site 59,242 Impervious Area 1,307 Pervious Area 57,935	<u>t Acres</u> 1.36 0.03 1.33	north 0 15 30 60
Q: 2 year 2.77 cfs 10 year 3.77 cfs 100 year 6.61 cfs		
BY CALL SUSTE	<u>Utility Legend</u>	existing
	<u>Linetypes</u>	— proposed
BEFORE YOU	sanm sans 	(5)
<u>Floodplain Note:</u> The subject property is located in zone X of FEMA		storm sewer (solid wall, proposed) storm sewer (solid wall, proposed) storm sewer (perforated, proposed) water main
FIRM MAP number 29095C0430G, revised January 20, 2017, Zone X is defined as areas determined to be outside the 0.2% annual chance floodplain.		water service (fire) water service (domestic) water service (irrigation)
<u>Local Benchmarks:</u>	gass gass gass	natural gas main natural gas service schematic
Curb Inlet on North side of NE Pavestone Drive Northing = 999983.011 Easting = 1000072.494	elpu elsu	underground secondary electric
Elevation = 1000.101	datu datsu	

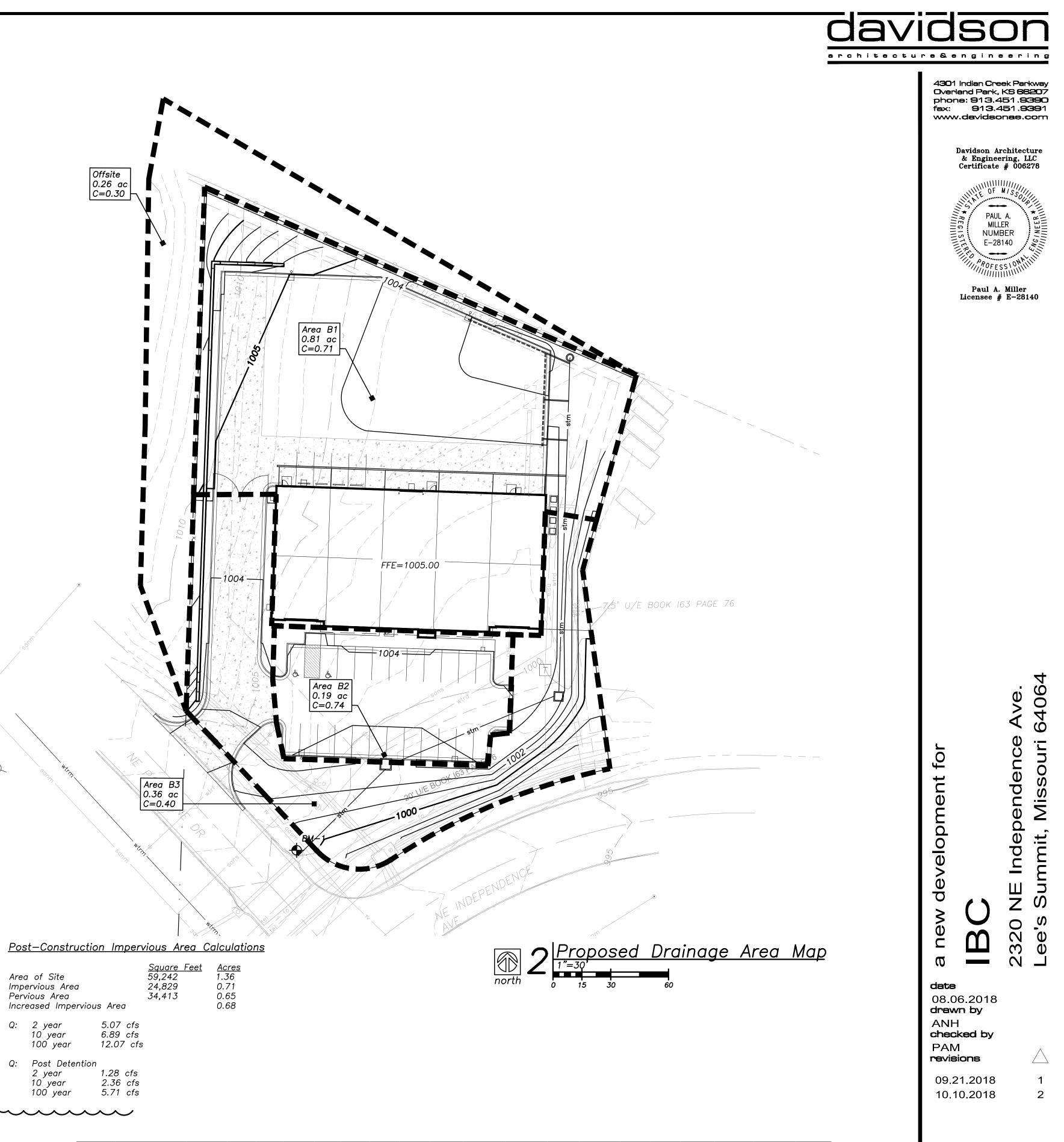


existing minor contour

existing major contour

proposed minor contour

proposed major contour



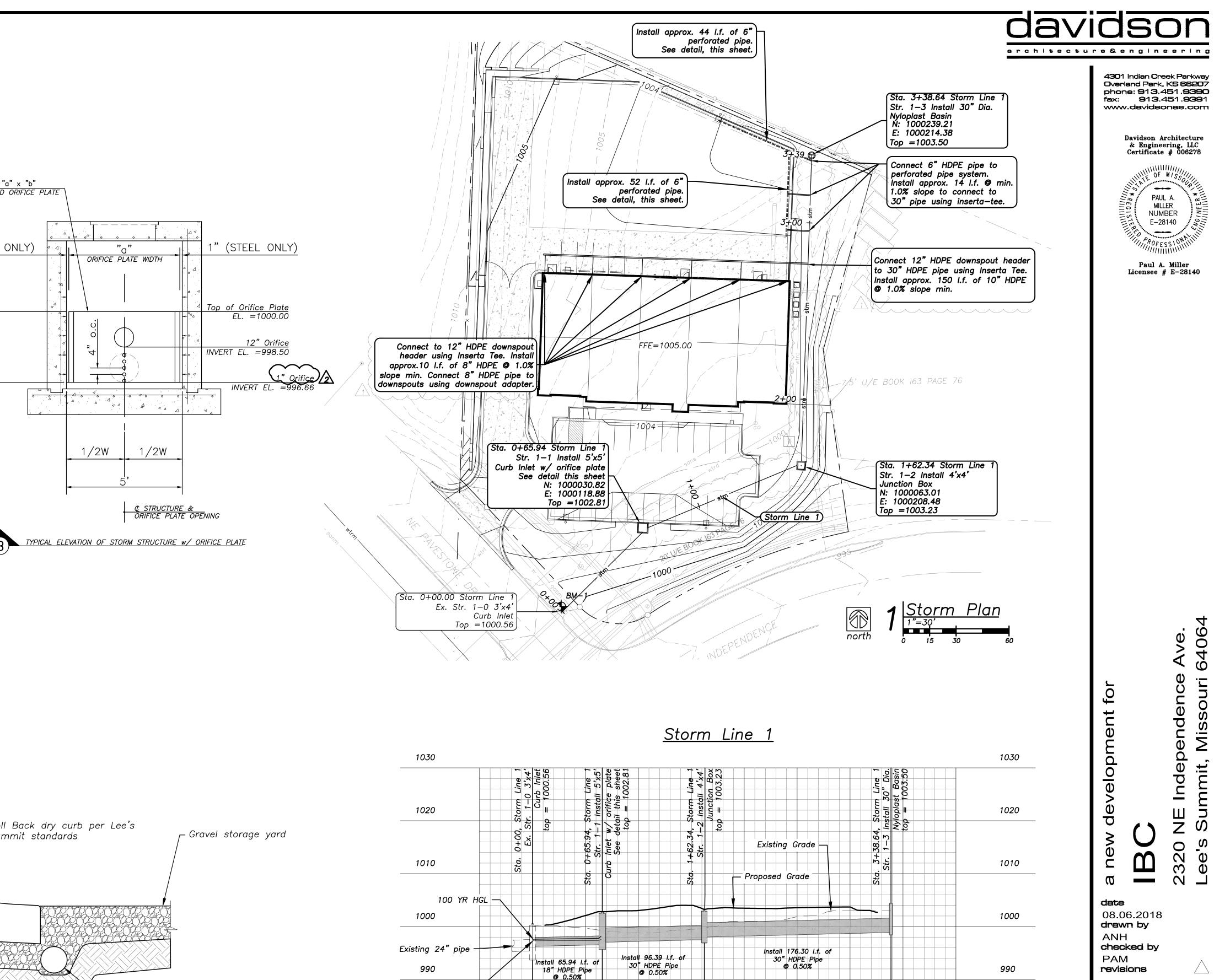
	s Area	24,829 34,413	
10´year	5.07 cfs 6.89 cfs 12.07 cfs		
2 year	1.28 cfs 2.36 cfs 5.71 cfs		
	rvious Area creased Imperviou 2 year 10 year 100 year Post Detention 2 year 10 year	rvious Area creased Impervious Area 2 year 5.07 cfs 10 year 6.89 cfs 100 year 12.07 cfs Post Detention 2 year 1.28 cfs 10 year 2.36 cfs	reased Impervious Area 2 year 5.07 cfs 10 year 6.89 cfs 100 year 12.07 cfs Post Detention 2 year 1.28 cfs 10 year 2.36 cfs

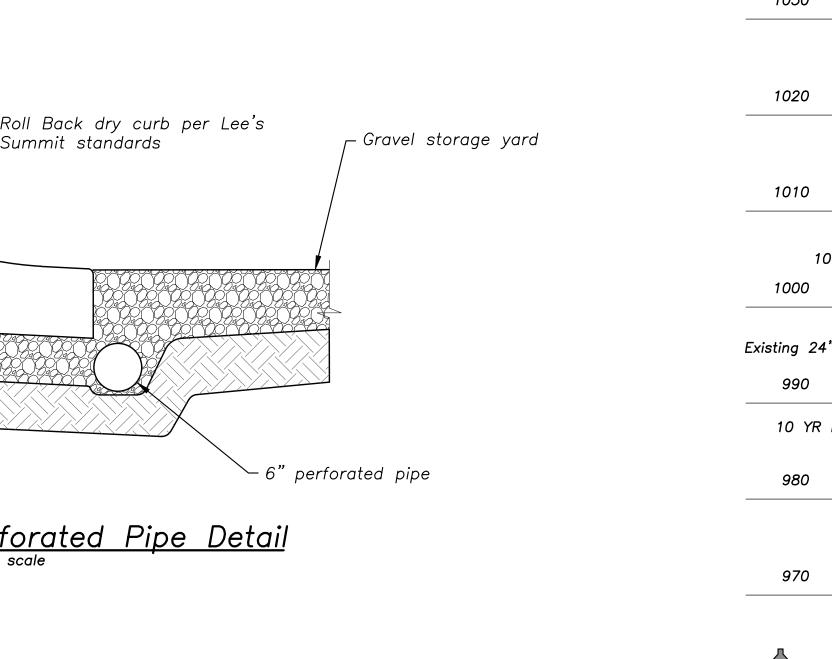
									1	.0-yea	ar Stor	m Even	t								
						Total			Flow	Line	Line			Pipe	Capacity				Line		
D	rainage	Structure Type	InletTime	iInlet	Q	СхА	Тс	iSys	Rate	Size	Slope	Inv Up	Inv Dn	Travel	Full	VelUp	VelDn	VelAve	Length	HGLUp	HGLD
	Areas		(min)	(in/hr)	(cfs)		(min)	(in/hr)	(cfs)	(in)	(%)	(ft)	(ft)	(min)	(cfs)	(ft/s)	(ft/s)	(ft/s)	(ft)		
I	B1 & B2	Orifice Plate	5.00	0.00	2.36	0.00	5.00	0.00	2.36	18.00	0.50	996.66	996.34	0.82	7.31	2.05	1.52	1.79	65.94	997.59	99
									1	00-ye	ar Sto	rm Ever	nt								
						Total			Flow	Line	Line			Pipe	Capacity				Line		
D	rainage	Structure Type	InletTime	iInlet	Q	СхА	Тс	iSys	Rate	Size	Slope	Inv Up	Inv Dn	Travel	Full	VelUp	VelDn	VelAve	Length	HGLUp	HGLD
	Areas		(min)	(in/hr)	(cfs)		(min)	(in/hr)	(cfs)	(in)	(%)	(ft)	(ft)	(min)	(cfs)	(ft/s)	(ft/s)	(ft/s)	(ft)		
	B1 & B2	Orifice Plate	5.00	0.00	5.71	0.00	5.00	0.00	5.68	18.00	0.50	996.66	996.34	0.34	7.31	4.21	3.66	3.94	65.97	997.73	99
1																				more inforr	

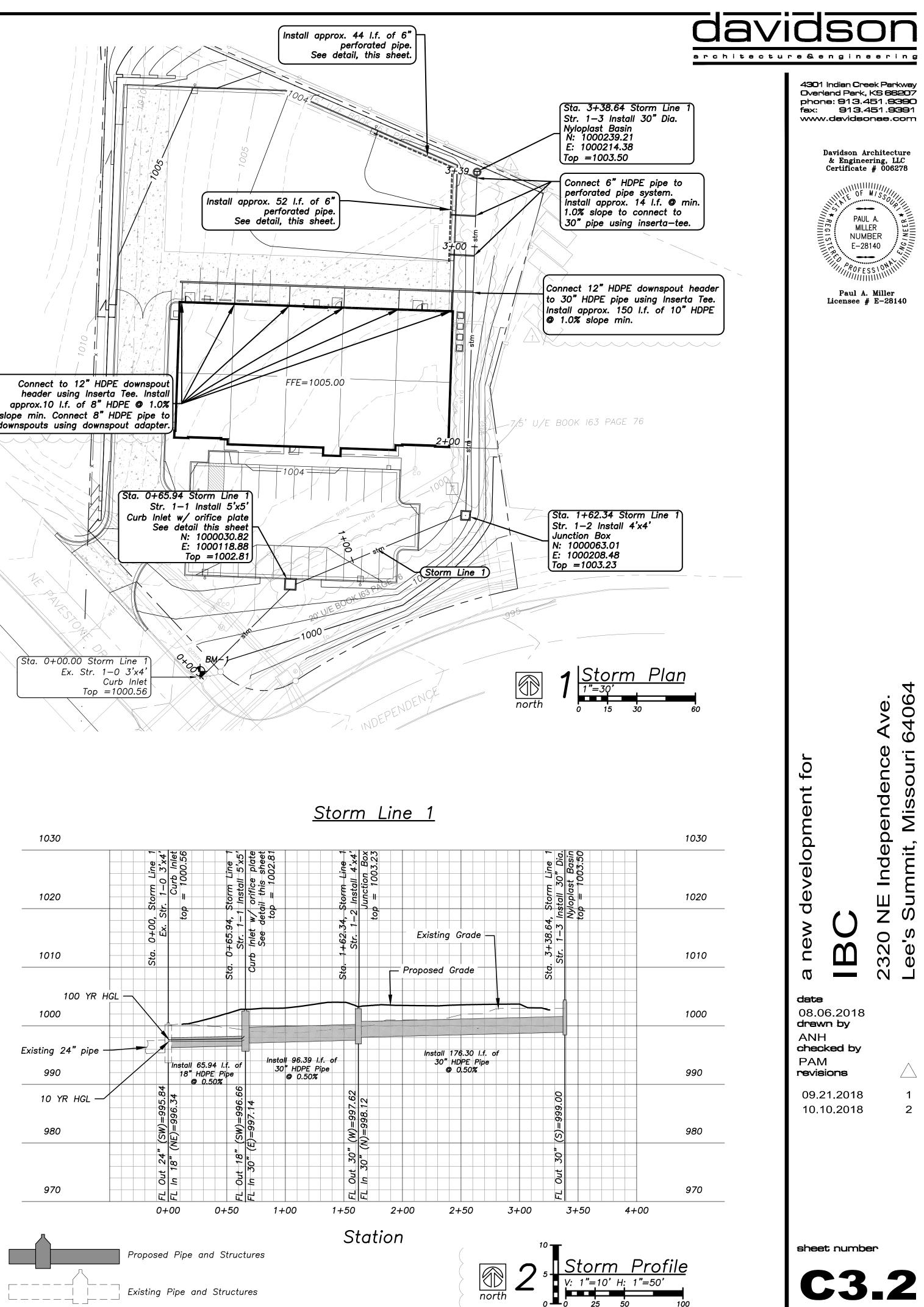
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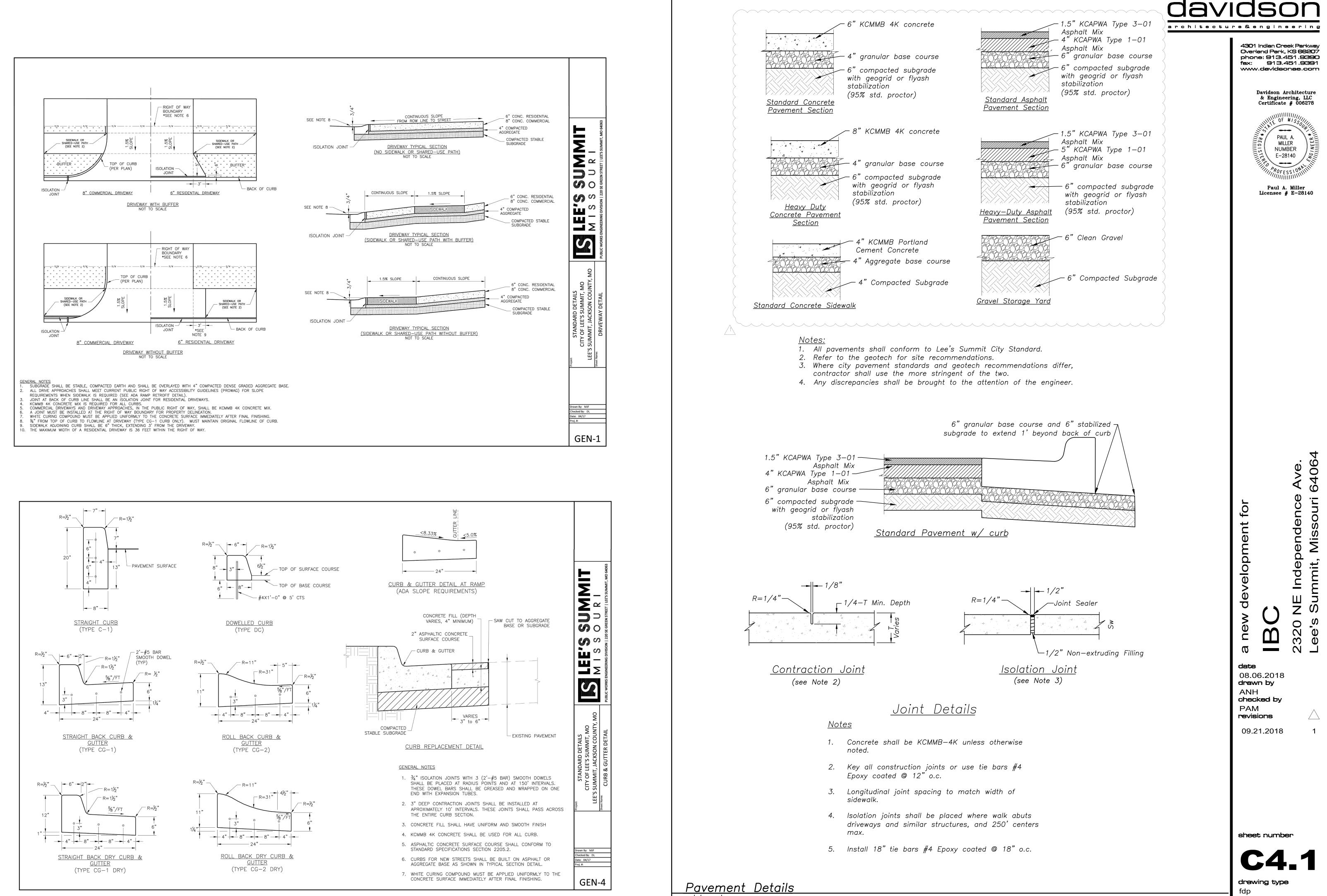
CENTERED (G AND COVER (2)L 1/4"x2 1/2"x2 1/2"x OVER OUTLET ATTACH TO STORM STRUCTU	 IRF
PIPE ELEVATIONS SHOWN ON	WALLS w/1/2" STAINLESS WEDGE ANCHORS @ 12" 0. AS SHOWN	STEEL C.
CONSTRUCTION PLANS ARE TO TOP OF INLET SIDE OF STRUCTURE.		H C
SEE PLAN FOR LOCATION		(
OF INLET OPENINGS		
A A A		1" (
<u>TOP OF ORIFICE/WEIR PLATE</u>		
	SEE SEE	
· · · · · · · · · · · · · · · · · · ·		
CONCRETE FOOTING		T PIPE
	1/2W 1/2W	
	<u>© STRUCTURE &</u> ORIFICE PLATE	
	I	
	ICAL SECTION OF STORM STRUCTURE w/ ORIFICE PLATE	
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		Dista Dataila
	3 Orifice	<u> Plate Details</u>
	3 Orifice not to scale	<u>Plate Details</u>
Local Benchmarks: 🗥		<u>Plate Details</u>
<u>Local Benchmarks:</u> ↔ <u>BM−1:</u> Chiseled Square in N	BM-# Iorthwest Corner of	<u>Plate Details</u>
<u>BM—1:</u> Chiseled Square in N Curb Inlet on North side of Northing = 999983.011	BM-# Iorthwest Corner of	<u>Plate Details</u>
<u>BM—1:</u> Chiseled Square in N Curb Inlet on North side of	BM-# Iorthwest Corner of	<u>Plate Details</u>
<u>BM–1:</u> Chiseled Square in N Curb Inlet on North side of Northing = 999983.011 Easting = 1000072.494	BM-# Northwest Corner of NE Pavestone Drive	<u>Plate Details</u>
<u>BM—1:</u> Chiseled Square in N Curb Inlet on North side of Northing = 999983.011 Easting = 1000072.494 Elevation = 1000.101	BM—# Iorthwest Corner of NE Pavestone Drive	<u>Plate Details</u>
<u>BM—1:</u> Chiseled Square in N Curb Inlet on North side of Northing = 999983.011 Easting = 1000072.494 Elevation = 1000.101	BM-# Iorthwest Corner of NE Pavestone Drive — right of way — property lines	<u>Plate Details</u>
<u>BM—1:</u> Chiseled Square in N Curb Inlet on North side of Northing = 999983.011 Easting = 1000072.494 Elevation = 1000.101	BM-# Iorthwest Corner of NE Pavestone Drive — right of way	<u>Plate Details</u>
<u>BM—1:</u> Chiseled Square in N Curb Inlet on North side of Northing = 999983.011 Easting = 1000072.494 Elevation = 1000.101	BM-# Iorthwest Corner of NE Pavestone Drive right of way property lines easements setbacks	<u>Plate Details</u>
<u>BM-1:</u> Chiseled Square in N Curb Inlet on North side of Northing = 999983.011 Easting = 1000072.494 Elevation = 1000.101 <u>Property Legend</u>	BM-# Iorthwest Corner of NE Pavestone Drive right of way property lines easements	<u>Plate Details</u>
<u>BM-1:</u> Chiseled Square in N Curb Inlet on North side of Northing = 999983.011 Easting = 1000072.494 Elevation = 1000.101 <u>Property Legend</u>	BM-# Northwest Corner of NE Pavestone Drive - right of way - property lines - easements setbacks - existing minor contour	<u>Plate Details</u>
BM-1: Chiseled Square in N Curb Inlet on North side of Northing = 999983.011 Easting = 1000072.494 Elevation = 1000.101 Property Legend	BM-# Northwest Corner of NE Pavestone Drive 	Plate Details
<u>BM-1:</u> Chiseled Square in N Curb Inlet on North side of Northing = 999983.011 Easting = 1000072.494 Elevation = 1000.101 <u>Property Legend</u>	BM-# Northwest Corner of NE Pavestone Drive - right of way - property lines - easements - setbacks - existing minor contour - proposed minor contour - proposed minor contour - proposed minor contour - existing major contour - proposed major contour - existing	Plate Details
BM-1: Chiseled Square in N Curb Inlet on North side of Northing = 999983.011 Easting = 1000072.494 Elevation = 1000.101 Property Legend	BM-# Northwest Corner of NE Pavestone Drive - right of way - property lines - easements - setbacks - existing minor contour - existing major contour - proposed minor contour - proposed minor contour	Plate Details
BM-1: Chiseled Square in N Curb Inlet on North side of Northing = 999983.011 Easting = 1000072.494 Elevation = 1000.101 Property Legend	BM-# Northwest Corner of NE Pavestone Drive right of way property lines easements setbacks existing minor contour existing major contour proposed minor contour proposed major contour minor contour sanitary main	Plate Details
BM-1: Chiseled Square in N Curb Inlet on North side of Northing = 999983.011 Easting = 1000072.494 Elevation = 1000.101 Property Legend	BM-# Northwest Corner of NE Pavestone Drive right of way property lines easements setbacks existing minor contour proposed minor contour proposed minor contour proposed major contour proposed major contour sanitary main sanitary main storm sewer (existing) storm sewer (solid wall, proposed)	Plate Details
BM-1: Chiseled Square in N Curb Inlet on North side of Northing = 999983.011 Easting = 1000072.494 Elevation = 1000.101 Property Legend	BM-# Parent Corner of NE Pavestone Drive right of way property lines easements setbacks existing minor contour proposed minor contour proposed minor contour proposed minor contour proposed major contour proposed major contour sanitary service sanitary service storm sewer (existing) storm sewer (solid wall, proposed) storm sewer (perforated, proposed)	Plate Details
BM-1: Chiseled Square in N Curb Inlet on North side of Northing = 999983.011 Easting = 1000072.494 Elevation = 1000.101 Property Legend	<pre>BM-# Northwest Corner of NE Pavestone Drive right of way property lines easements setbacks existing minor contour existing major contour proposed minor contour proposed major contour proposed major contour existing proposed major contour sanitary service storm sewer (existing) storm sewer (solid wall, proposed) storm sewer (solid wall, proposed) storm sewer (perforated, proposed) water main water service (fire)</pre>	Plate Details
BM-1: Chiseled Square in N Curb Inlet on North side of Northing = 999983.011 Easting = 1000072.494 Elevation = 1000.101 Property Legend	BM-# Iorthwest Corner of NE Pavestone Drive right of way property lines easements setbacks existing minor contour existing major contour proposed minor contour proposed major contour existing proposed storm sewer (existing) storm sewer (solid wall, proposed) storm sewer (solid wall, proposed) storm sewer (solid wall, proposed) storm sewer (perforated, proposed) storm sewer (perforated, proposed) water main water service (fire) water service (irrigation)	Plate Details
BM-1: Chiseled Square in N Curb Inlet on North side of Northing = 999983.011 Easting = 1000072.494 Elevation = 1000.101 Property Legend	BM-# Iorthwest Corner of NE Pavestone Drive Iorthwest Corner of NE Pavestone Drive Image: right of way property lines easements setbacks existing minor contour proposed minor contour proposed minor contour proposed minor contour proposed mojor contour existing proposed mojor contour sanitary main sanitary service storm sewer (solid wall, proposed) storm sewer (solid wall, proposed) storm sewer (controted, proposed) water service (fire) water service (fire) water service (irrigation) natural gas main natural gas service schematic	Plate Details
BM-1: Chiseled Square in N Curb Inlet on North side of Northing = 999983.011 Easting = 1000072.494 Elevation = 1000.101 Property Legend	Lat	Plate Details

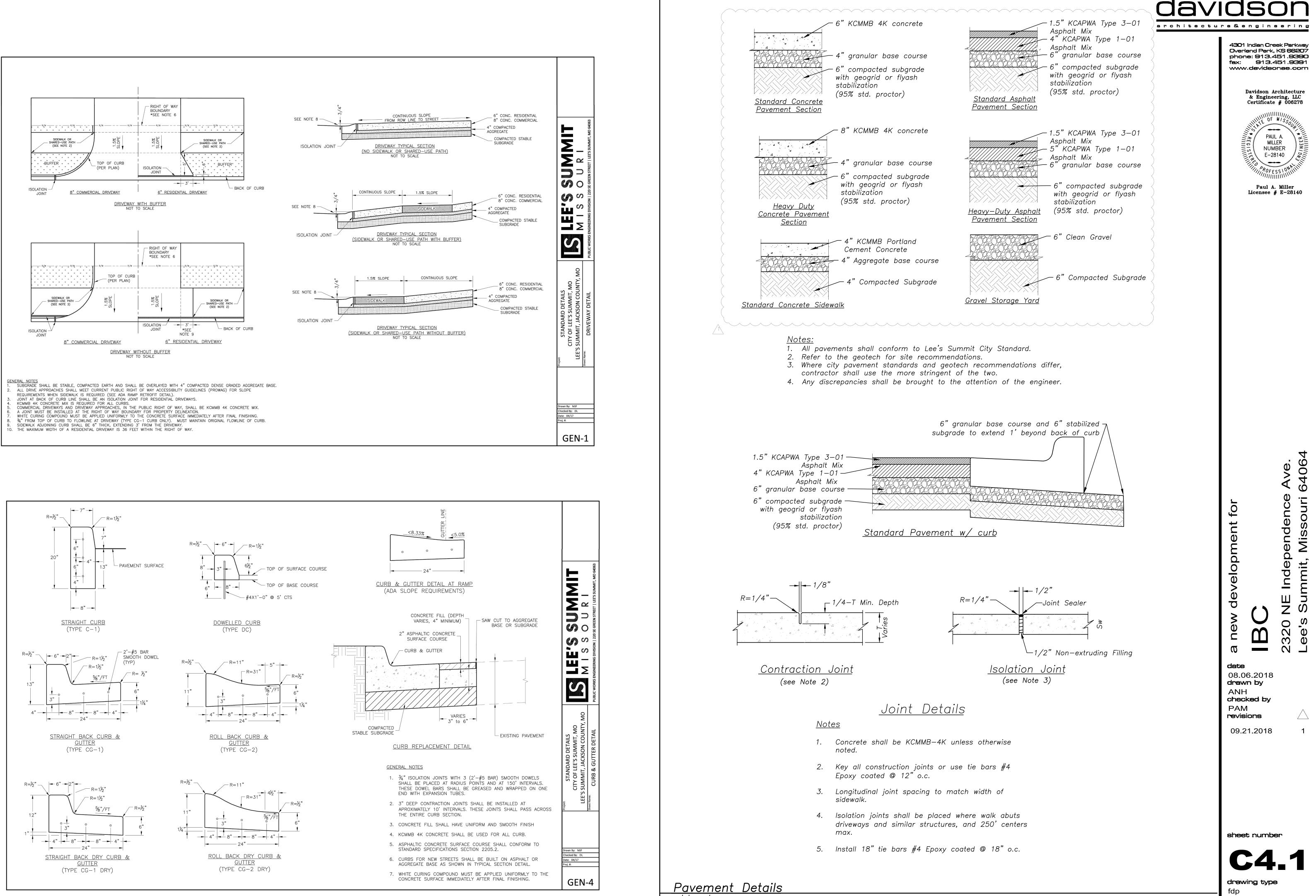






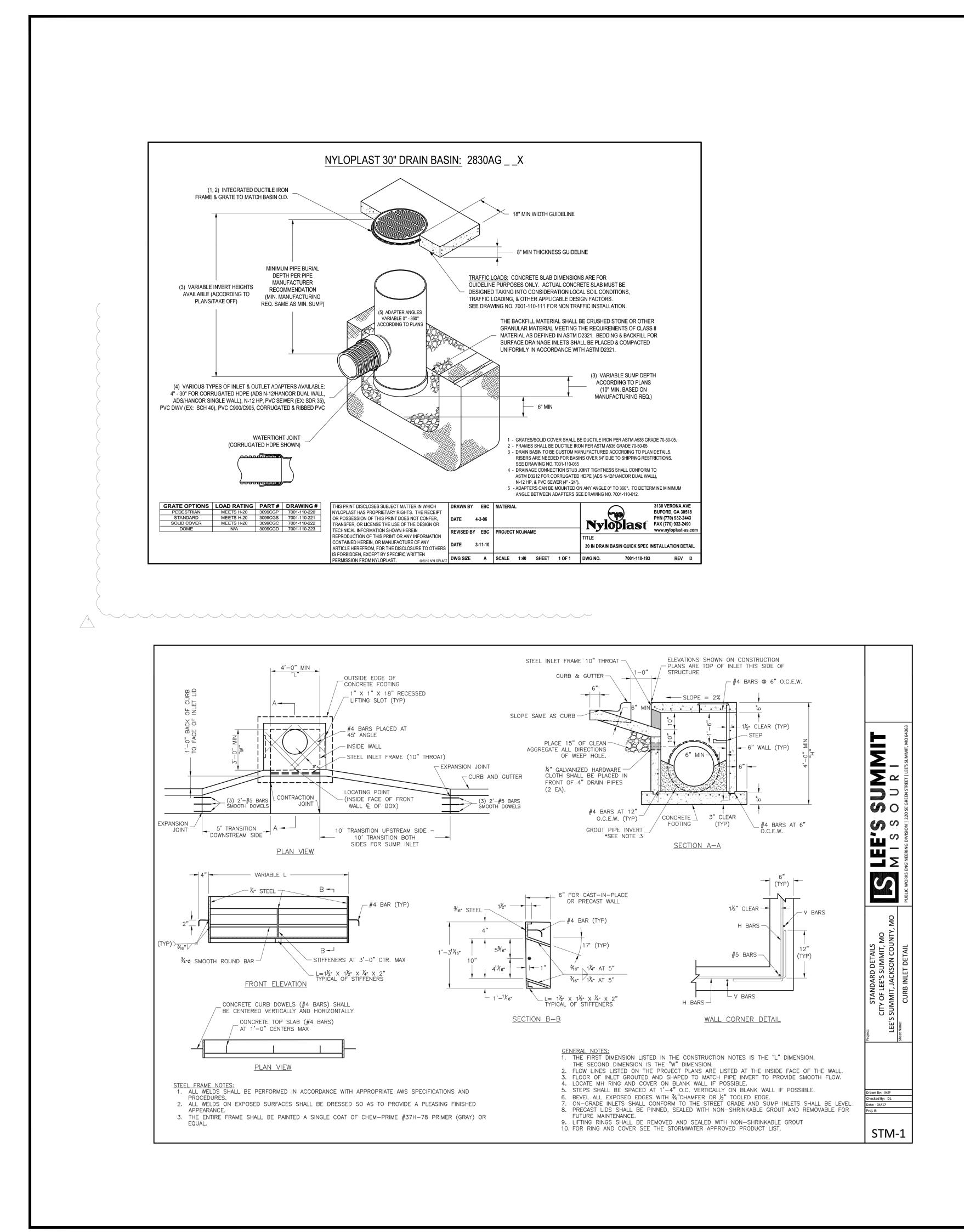
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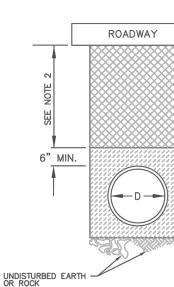




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project number 18091





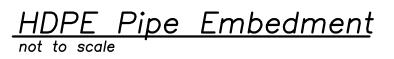


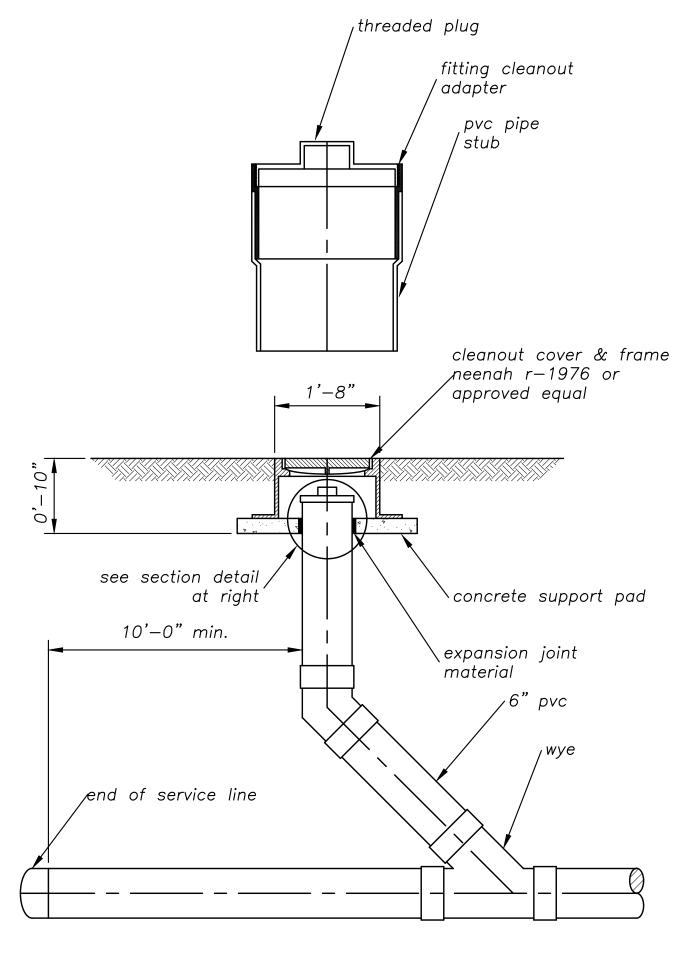
STORM PIPE EMBEDMENT BENEATH ROADWAY

	LEGEND	D	
D	NOMINAL PIPE DIAMETER		4
	TRENCH BACKFILL	0"-27"	
	TAMPED GRANULAR BACKFILL (AB-3)	30"-60"	
× × × × × · · · · · ·	GRANULAR BEDDING	66"-UP	
///////////////////////////////////////			

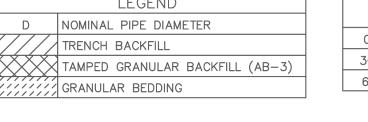
NOTES: 1. <u>GRANULAR BEDDING</u> SHALL BE 1/2" CLEAN ROCK WITH A MAXIMUM PARTICLE SIZE 3/4 INCH ROCK, PASSING #200 SIEVE \leq 35% (PI \leq 10 AND LL \leq 40). MATERIAL TO BE PLACED IN NOT MORE THAN 6" LAYERS AND COMPACTED BY SLICING WITH A SHOVEL OR VIBRATING.

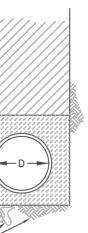
- 2. TAMPED GRANULAR BACKFILL (AB-3) SHALL BE GRANULAR MATERIAL WITH A MAXIMUM PARTICLE SIZE 1 1/2 INCH ROCK, PASSING #40 SIEVE (PI \leq 8) 15 TO 50% AND #200 SIEVE \leq 35%. THIS MATERIAL SHALL BE USED FOR ALL EXISTING AND PROPOSED STREET CROSSINGS.
- 3. TRENCH BACKFILL SHALL BE FINELY DIVIDED MATERIAL FREE FROM DEBRIS AND STONES, COMPACTED TO 95% MAXIMUM DENSITY.





Sanitary Cleanout Details





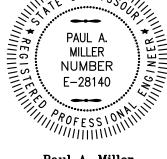
RCP, HDPE, & ALUMINIZED CMP PIPE EMBEDMENT

MINIMUM	PIPE CLEARA	ANCES (IN)
D	CLEARANCE ²	PIPE BOTTOM CLEARANCE (SOIL/ROCK)
0"-27"	6/6	4/6
30"-60"	8/9	6/9
66"-UP	12/12	8/12

Ja architecture&engineering

4301 Indian Creek Parkway Overland Park, KS 66207 phone: 913.451.9390 fax: 913.451.9391 www.davidsonae.com





Paul A. Miller Licensee # E-28140

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date 08.06.2018 drawn by ANH checked by PAM revisions

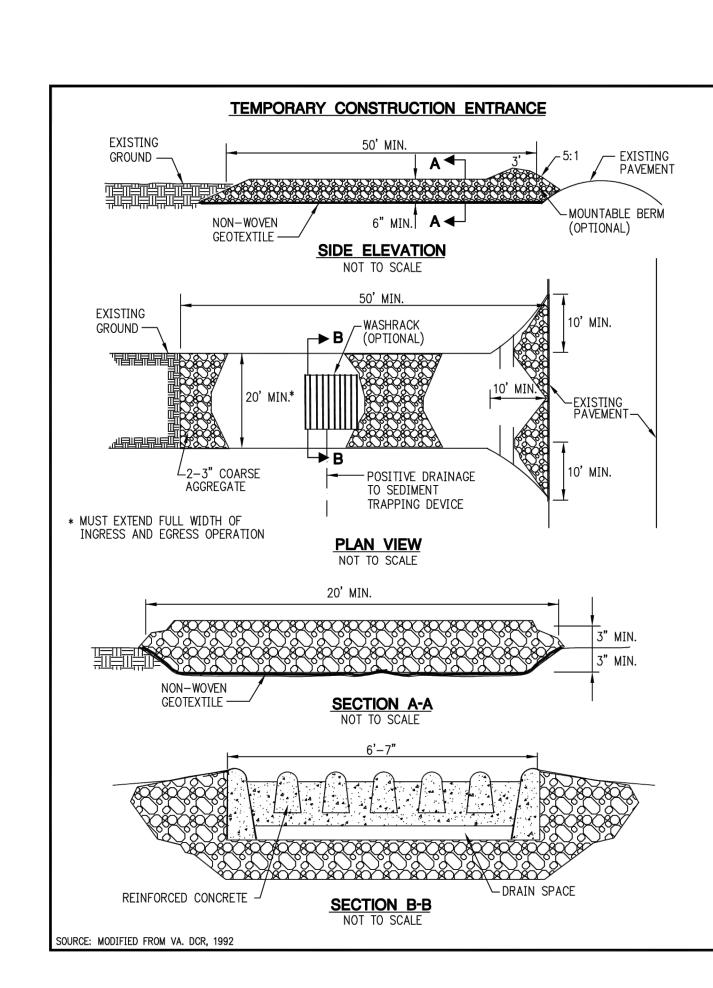
09.21.2018

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TEMPORARY CONSTRUCTION ENTRANCE PAD NOTES: A) INSTALLATION:

- ROADS WILL EVENTUALLY BE CONSTRUCTED. POSITIVE DRAINAGE.
- 3. IF SLOPE TOWARDS THE PUBLIC ROAD EXCEEDS 2%. CONSTRUCT A 6-TO 8-INCH HIGH RIDGE WITH 3H:1V SIDE RUNOFF AWAY FROM IT.
- DRAINAGE.
- 6. DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE.
- STABILITY.

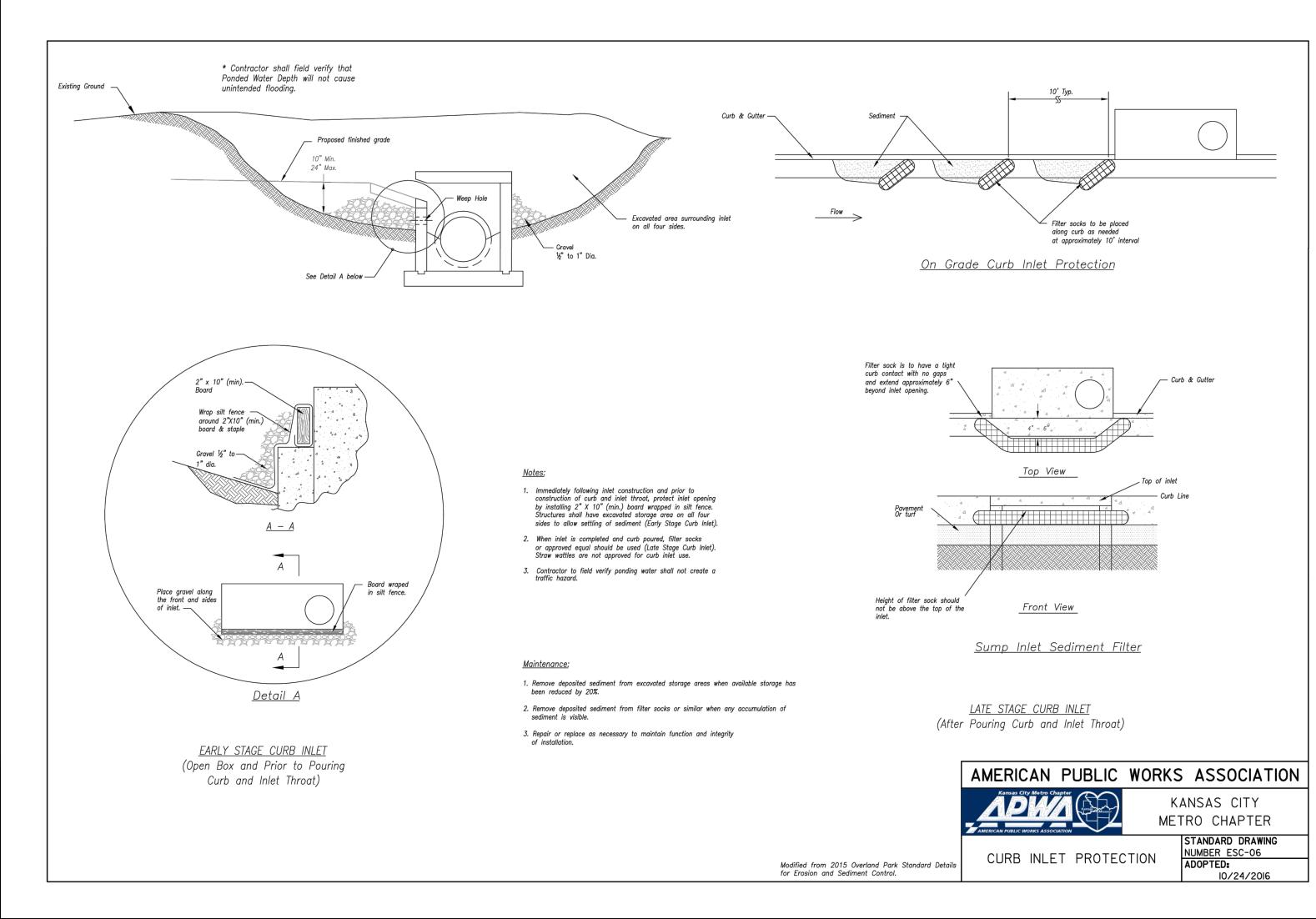
B) TROUBLESHOOTING:

- 1. CONSULT WITH A QUALIFIED DESIGN PROFESSIONAL IF ANY OF THE FOLLOWING OCCUR: a. INADEQUATE RUNOFF CONTROL TO THE EXTENT THAT SEDIMENT WASHES ONTO PUBLIC ROAD -INSTALL DIVERSIONS OR OTHER RUNOFF CONTROL MEASURES.
- b. SMALL STONE, THIN PAD, OR ABSENCE OF GEOTEXTILE FABRIC RESULTS IN RUTS AND MUDDY
- GEOTEXTILE FABRIC.

C) INSPECTION AND MAINTENANCE:

LENGTH AS NECESSARY.

- 2. RESHAPE PAD AS NEEDED FOR PROPER DRAINAGE AND RUNOFF CONTROL.
- 3. TOPDRESS WITH CLEAN 2-AND 3-INCH STONE AS NEEDED.
- PAVEMENT IMMEDIATELY.





1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS. IF POSSIBLE, LOCATE WHERE PERMANENT

2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR

SLOPES ACROSS THE FOUNDATION APPROXIMATELY 15 FEET FROM THE EDGE OF THE PUBLIC ROAD TO DIVERT

4. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES ALONG PUBLIC ROADS. 5. PLACE STONE TO DIMENSIONS AND GRADE AS SHOWN ON PLANS. LEAVE SURFACE SMOOTH AND SLOPED FOR

7. IF WET CONDITIONS ARE ANTICIPATED, PLACE GEOTEXTILE FABRIC ON THE GRADED FOUNDATION TO IMPROVE

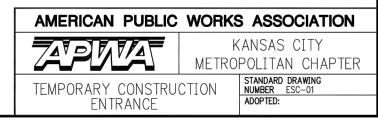
CONDITIONS AS STONE IS PRESSED INTO SOIL - INCREASE STONE SIZE OR PAD THICKNESS OR ADD

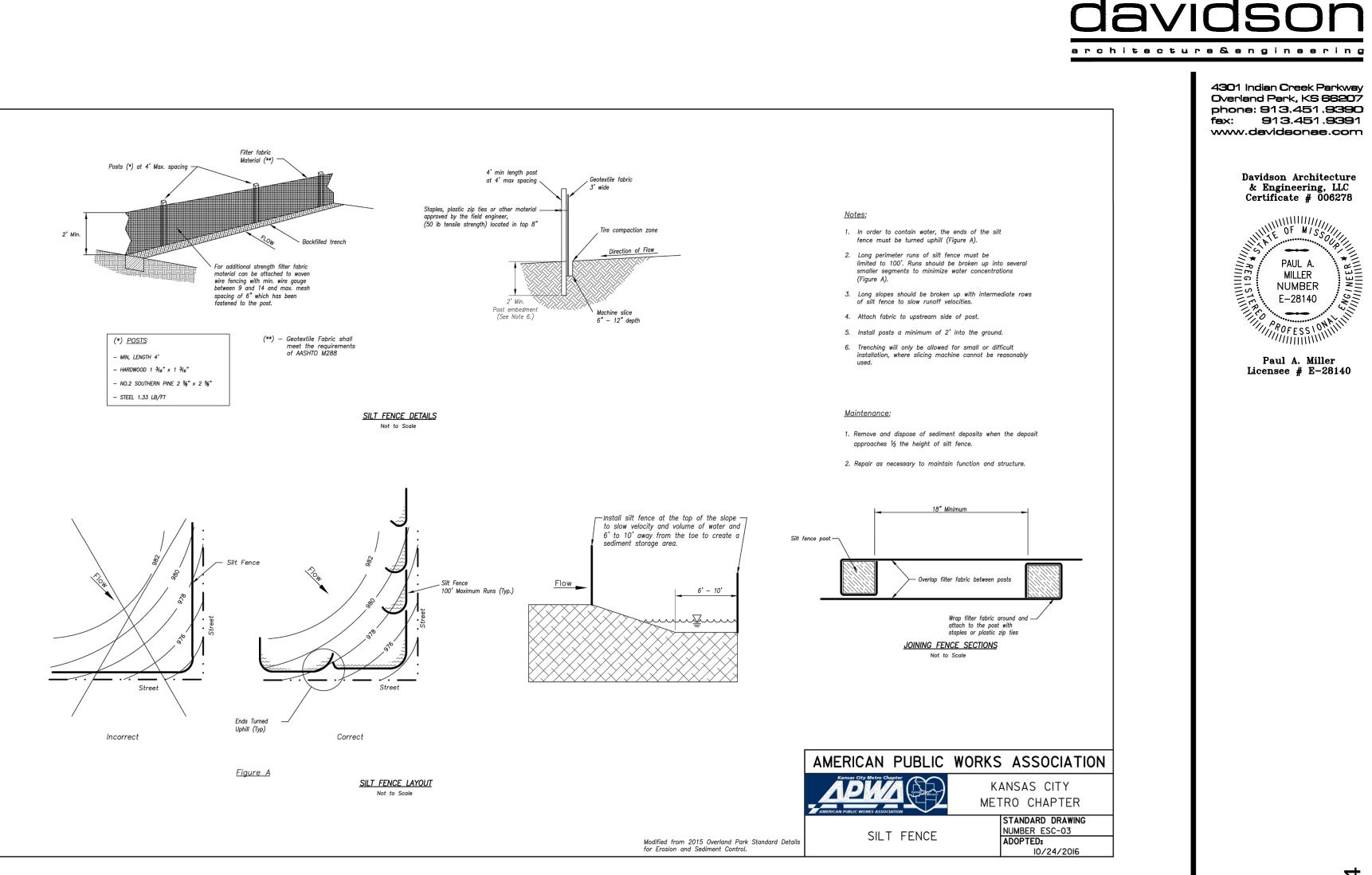
c. PAD TOO SHORT FOR HEAVY CONSTRUCTION TRAFFIC - EXTEND PAD BEYOND THE MINIMUM 50-FOOT

1. INSPECT STONE PAD AND SEDIMENT DISPOSAL AREA WEEKLY AND AFTER 1/2-INCH OR GREATER STORM EVENTS.

4. IMMEDIATELY REMOVE MUD OR SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROAD. REPAIR ANY BROKEN ROAD

5. REMOVE ALL TEMPORARY ROAD MATERIALS FROM AREAS WHERE PERMANENT VEGETATION WILL BE ESTABLISHED.







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date 08.06.2018 drawn by ANH checked by PAM revisions

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sheet number



		item	qty.	common name	botanical name	size and condition
trees		psm	8	pacific sunset maple	acer truncatum x a. platanoides 'warrenred'	3" cal.
shade trees	\bigotimes	cnm	4	columnar norway maple	acer platanoides 'columnare'	3" cal.
ornamtl.	\bigcirc	SSC	3	spring snow crabapple	malus 'spring snow' (fruitless)	3" cal.
orná	影	rb	4	redbud	cercis canadensis	3" cal.
dec.shrub	+	bb	12	dwarf burning bush	euonymus alata 'compacta'	3 gallon, 18-24 inches
evrgrn shrub	٢	wb	40	wintergreen boxwood	buxus microphylla	3 gallon, 18-24 inches
evrgrn	\ast	ega	13	emerald green arborvitae	thuja occidentalis 'emerald green'	4' -5' high
				washed river rock mulch area		

total: 19 trees, 65 shrubs

Evergreen arborvitae shrubs listed above will be used to screen all pad mounted hvac equipment.

landscape notes:

- obtain information from utility companies.
- construction.
- - all planted and seeded areas on site.

 - times of the year. 10. Stake and guy all trees per planting details. 11. Install all shrubs and groundcover per planting details.

 - to the Landscape Architect.
 - proceeding with installation.

 - Nurserv Stock" ANSI Z60.1. 18. No plant material shall be substituted without written approval.
 - where otherwise specified.

 - residential developments.

no. 12 wire tie w/ 1/2" dia. rubber hose tree guards top of rootball minimum 2

above finish grade

soil mix around root ball excavated soil finely chopped should existing soil seem questionable, back fill w/ pulverized topsoil



Landscaping shall be coordinated with the location of utilities, driveways and traffic clearance zones. The contractor doing excavation on public right-of-way shall give 48 hours advance notice to and

Prior to commencement of work, the contractor shall notify all those companies which have facilities in the near vicinity of the construction to be performed.

Existing underground, overhead, utilities and drainage structures have been plotted from available information and therefore, their locations must be considered approximate only. It is the responsibility of the individual contractors to notify the utility companies to locate their utilities before actual

Contractor shall verify location of and protect all utilities and structures. Damage to utilities and structures shall be repaired by the contractor to the satisfaction of the owner at no additional expense.

Entire landscaped site to be irrigated by underground system, including right of way as req'd. (limits of sod including all other disturbed area's and all planting beds) Irrigation system shall include an automatic rain sensor. Contractor shall provide irrigation system for

All landscape materials shall be installed in accordance with the current planting procedures established by the most recent addition of the American Standard for Nursery Stock.

Trees planted per this plan shall be installed during the spring (march 15 through june 15) or fall (september 15 through december 1). Written city approval will be required for planting during other

12. Elevation of top of mulch shall be 1/2" below any adjacent pavement/turf areas.

13. Root stimulator shall be applied to the soil backfill of each plant during installation. 14. Contractor shall verify all landscape material quantities and shall report any discrepancies immediately

15. Contractor shall stake plant locations in the field and have approval by the Landscape Architect before

6. Contractor shall guarantee all plant material for a period of one (1) year from date of initial acceptance. Contractor is responsible for maintaining plant material until acceptance is received. Maintenance shall

include watering, maintaining plants in vertical position and shrub bed weed control. 7. All plant material shall meet or exceed minimum requirements defined by the "American Standard for

19. Trees and seasonal color areas shall be mulched with three (3) inches minimum shredded hardwood

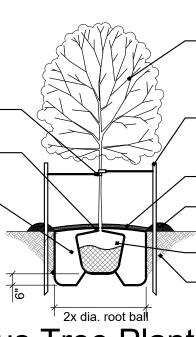
mulch. Planting beds as delineated shall be separated from pavement/turf areas with metal edging and mulched with three (3) inches minimum shredded hardwood mulch over weed barrier fabric, except

20. All existing plant material to be retained shall be wrapped with orange, or bright, colored plastic snow fence around base of trees and around all shrubs. Stake to hold in place during construction. 21. All shrubs used as parking buffer to be min. 18" tall at planting and maintained to at least 2'-6" height. Install plants not to encroach upon cars parked, when at full growth.

22. All trees with above a 3" caliper shall be double staked, while smaller trees shall be single staked. 23. Ground mechanical and electrical equipment shall be wholly screened from street right-of-way and

24. Maximum slope shall be not greater than 3 : 1.

25. All portions of site not covered by building, paving, gravel, mulch, plantings, etc. are to be sodded.



remove all covering and tying twine. prune limbs damaged by handling only, and remove no more 1/3 of overall canopy

3" cal. trees and over use 3 post equally spaced

- 3" shredded hardwood mulch

 – 6" saucer in non-irrigated areas. remove surplus soil.

rootball — undisturbed soil soil mix around root ball excavated soil finely chopped. should existing soil seem questionable, back fill w/ pulverized topsoil

1/2" dia. rubber hose tree guards -

top of rootball minimum 2"

above finish grade

2"x4"x3' cedar stake

1" x 1'-0" pvc —

remove all covering and tying twine. prune limbs damaged by handling only, and remove no more 1/3 of overall canopy

2x dia. root ball

- provide tree wrap wind bottom to top

3" shredded hardwood mulch - 6" ht. berm

- cut burlap from upper 1/2 of rootball

- undisturbed soil

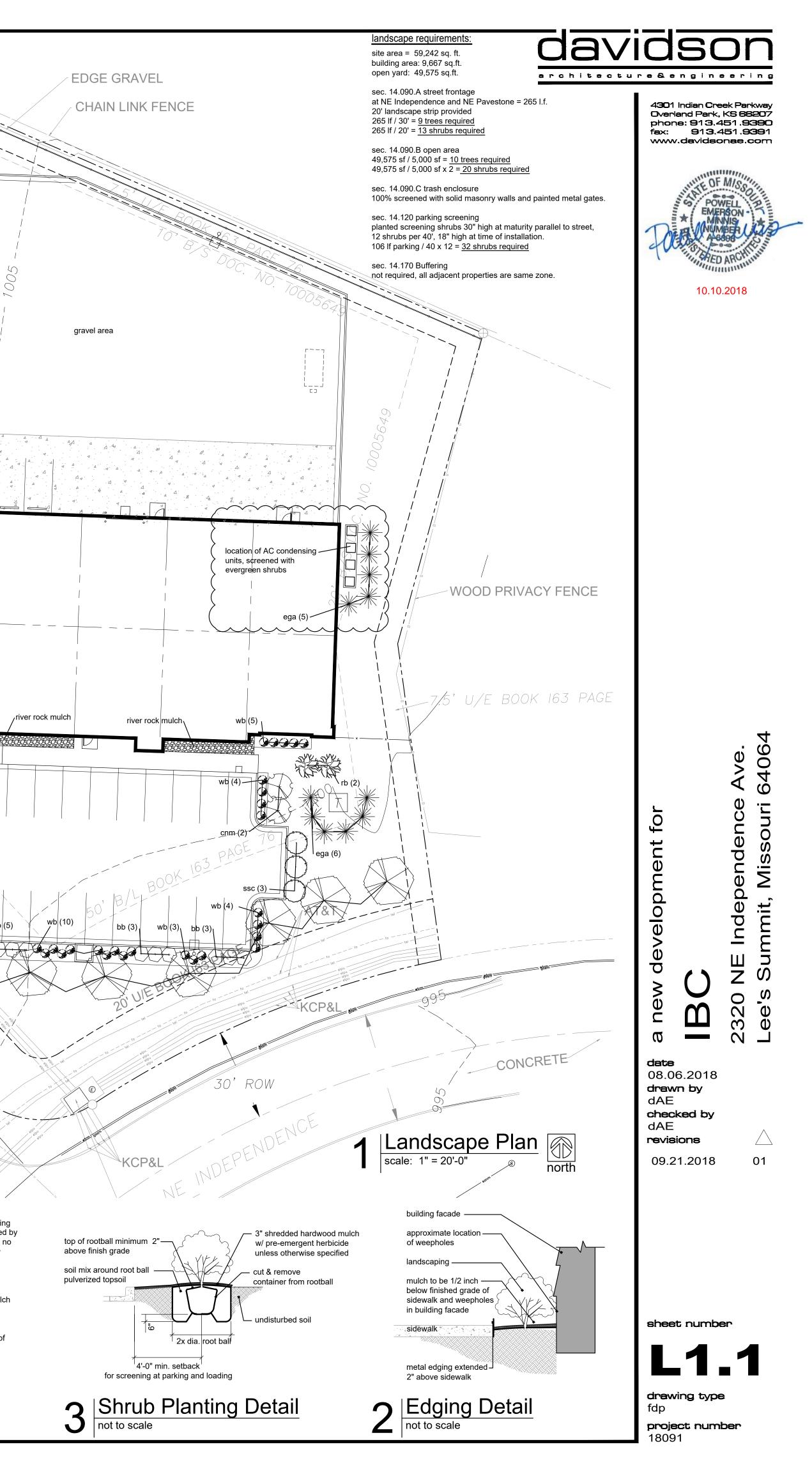


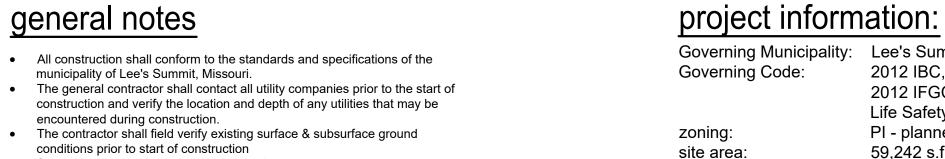


river rock mulch

trees over 10' 3/8" 5-strand steel guying cables with 6" galvanized turnbuckles - 3 per tree trees under 10' same - (2) 6' green steel t-posts. as deciduous tree planting

cut burlap from upper 1/2 of





Governing Municipality: Lee's Summit, Missouri 2012 IBC, 2012 IMC, 2012 IPC, 2012 IFGC, 2012 IFC, 2011 NEC, Life Safety Code, ADA/ANSI 117.1 PI - planned industrial 59,242 s.f., 1.36 acres +/n/a 32' 1 story 50' - front 10'- sidevard 20' - rear yard

building occupancy type: S-1

(B occupancy and S-1 occupancy no separation requirement) building construction type: V-B

building height:

setbacks:

actual building height:

tabular allow area: 9,000s.f.

increase area (open on 3 sides): [350'/420'-.25] 30/30 = .583 x 9,000 = 5,247 increase. 9,000 + 5,247 =

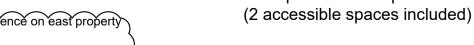
14,247 s.f. total allowed

building footprint area: 9,967 s.f. mezzanine area: 1,996 s.f. total building area: 11,963 s.f.

Warehouse will be used for storage of metal tools, non-combustible traffic control equipment and metal signage. Building will be non-sprinklered and comply with IBC section 903:

- fire area does not exceed 12,000 s.f.
- buidling is one story - combined areas do not exceed 24,000 s.f.
- no storage of commercial trucks/buses
- no storage of upholstered furniture/mattresses

parking required: office 4 per 1000 s.f. warehouse 1 per 1000 s.f. office area: 5,800s.f., warehouse 4,000s.f. office 4x5.8 = 23 spaces warehouse 1x4 = 4 spaces Total required: 27spaces Total provided: 27 spaces



Parking lot striping to be painted white with 4" stroke. 6. Sawcut existing curb & gutter as required to install new drive. Match new drive elevation with existing surface. Re: civil. Furnish and install concrete pavement per civil. . Concrete curb and gutter, typ. see civil. 9. All site lighting is design/build. Comply with Lee's Summit, MO regulations. Site pole lighting shall be LED type fixtures with cutoff and non-adjustable flat lens on poles. Fixture height shall not exceed 28' high from grade (incl. base) and shall be mounted to reinforced 2'-0" dia. concrete bases. Base depth below grade shall be designed per pole manufacturer, or min. 6'-0". See detail 3/A1.1. 10. Building mounted LED light fixture, see electrical. 11. 4" thick concrete walk at front entrance, with 6x6 10/10 wwf steel mesh. Broom finish for non-slip surface. 12. Gravel area, see civil. 13. Install (2) bollards at exterior side of overhead door. Bollards are pea gravel filled 6" dia. galv. steel bollards, 4' high per detail. Provide and install reinforced concrete retaining wall per civil and structural.
 Install concrete stoop at exit door location. See floor plan for exact location and structural drawings for detail. /16. Install 6' high pvc solid fence system. Terminate at existing solid wood fence on east property side. See fence detail 4/A1.1. 17. Provide and install motorized swing gate with solid pickets, 6'-0" high. 18. Provide and install 6' wide conc. wheel stops. 19. Install 4' high galv. chainlink fence system. 20. Provide electrical and data connections to fuel storage tank location, see civil. Provide electrical to charging station, see civil
 Provide Knox padlock installed on gate, per fire department requirements. (25. Location of HVAC ground mounted condensing units on concrete pad. Screen per Landscape Plan L1.1. hand hole - terminate 1 #6 bare copper on ground lug inside pole 3/4" chamfer —— light pole, conceal bolts bolt length and diatmeter as req'd by pole manuf. bolt spacing as ··· required to fit base bolt circle. - #3 tie bars @12" o.c. vert. entire depth of pier 6 #6 vert bars eq. spaced to miss conduits 4000lb concrete 1 #6 bare copper · in conduit – pvc conduit through base, typ. ground clamp -╶╅╾_═╾<u>╴</u>╪╶╡╌╌╴╝╴╺╘╶╌╌╞╴ 5/8"x8'-0" copperclad ground rod ——— -+----- #3 tie bars @12" o.c. entire vert. depth of pier 6 #6 vert bars eq. spaced to miss conduits 3" clear cover, typ.—— 2'-0" light pole base detail **つ** 1/2"=1'-0" -handicap signage per municipality requirements. "van accessible" shall be displayed as required. (signage shall meet R7-8 standards as required). -2" dia. schedule 40 galv. steel pipe, paint as req'd. prolon han mhrommhmmment mid -8" dia. concrete footing elevation *note: h.c. sign mounting height and installation per municipality requirement — 6" concrete curb all along back of ramp maximum slope

any point 1:12

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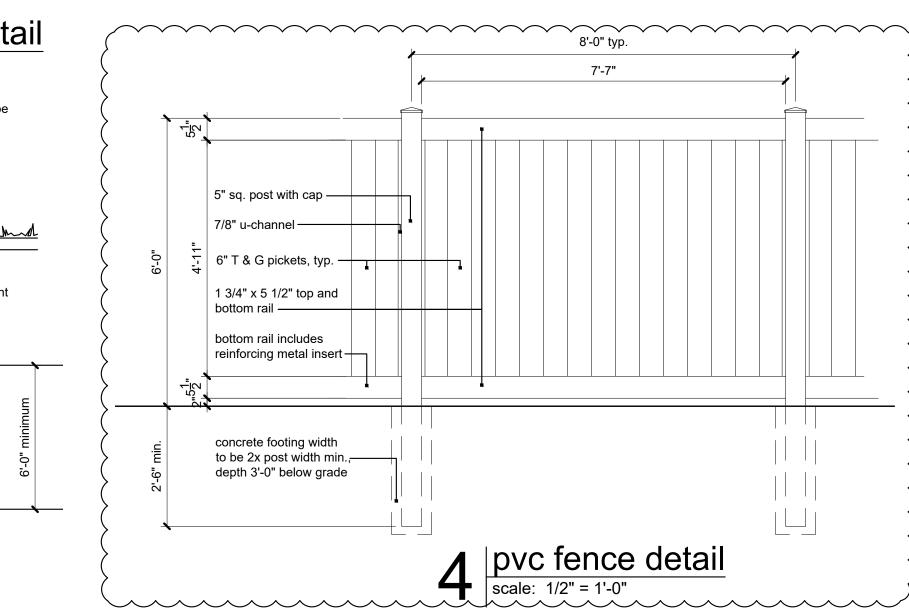
6'-0"

match paving grade

per plan

 $\mathbf{\gamma}$ |ada details

no scale

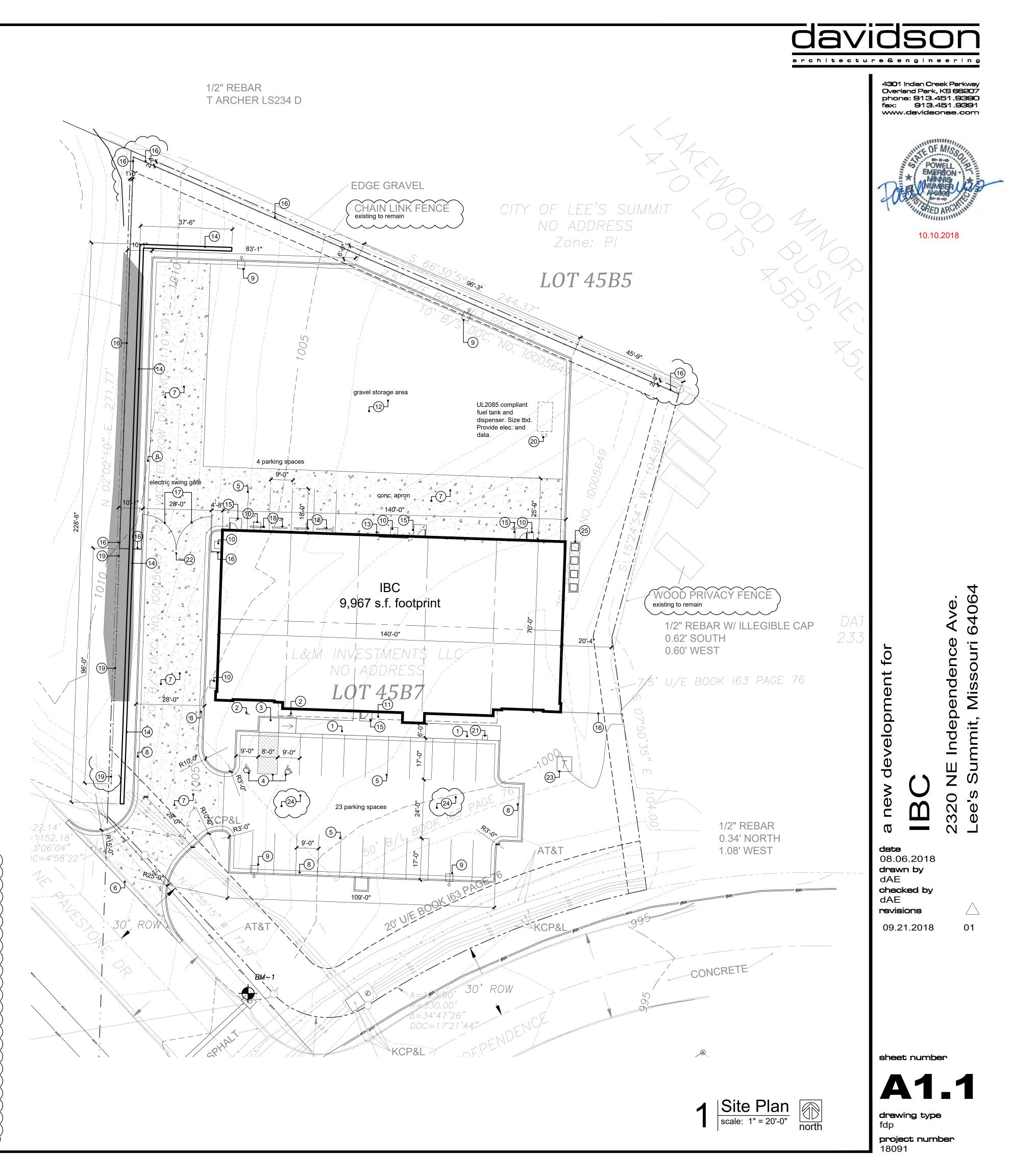


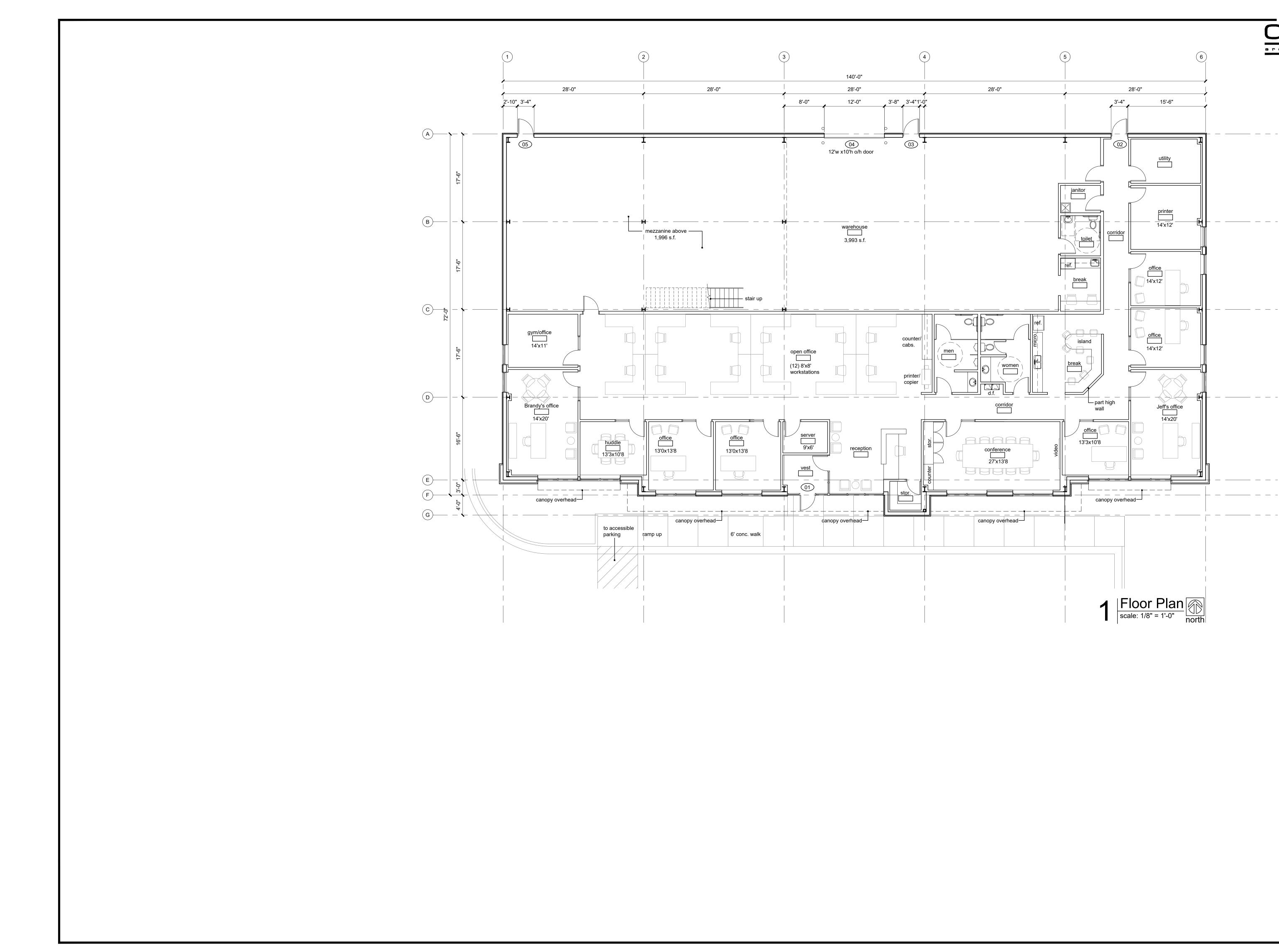
- Slopes shall maintain a maximum 3:1 ratio.
- The contractor shall be responsible for obtaining all required permits, paying all fees, and otherwise complying with all applicable regulations governing the project.
- Place silt fence per civil for erosion control. • Provide a temporary gravel access drive to prevent mud from being
- deposited onto the adjacent road.
- Prior to installing any structure on a public storm sewer, the contractor shall submit shop drawings for the structure(s). Installation shall not occur until drawings have been approved by public works. Prior to installing, constructing, or performing any work on the public storm
- sewer line (including connecting private drainage to the storm system) contact the city for inspection of the work. Contact must be made at least
- 48 hours prior to the start of work. Connections to the public storm sewer between structures will not be
- permitted. Plan shows existing grades for reference purposes only. Refer to civil
- drawings for proposed grade locations. Dimensions shown are from back of curb, unless noted otherwise.

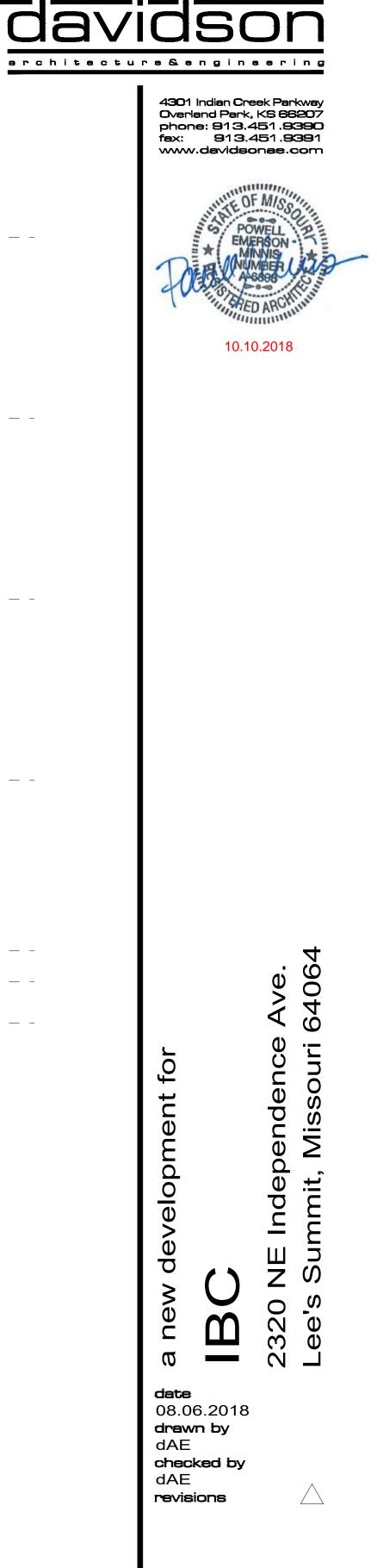
construction notes (#)

- 6'-0" wide concrete sidewalk. 4" thick with 6x6 10/10 wwf steel mesh. Control joints at 6'-0" o.c. Broom finish for non-slip surface.
- Handicap parking signage. Mount sign at not more than 60" a.f.g. to bottom. Sign to contain the universal handicap symbol and "van accessible" as required per ADA. See detail 2/A1.1.
- Furnish and install ADA accessible ramp and sidewalk per detail 2/A1.1 and per civil.
- Handicap striping and universal symbol painted white with 4" stroke.

- 23. Provide and install conc. pad for electrical transformer.
- > 24. Furnish and install asphalt pavement per civil.

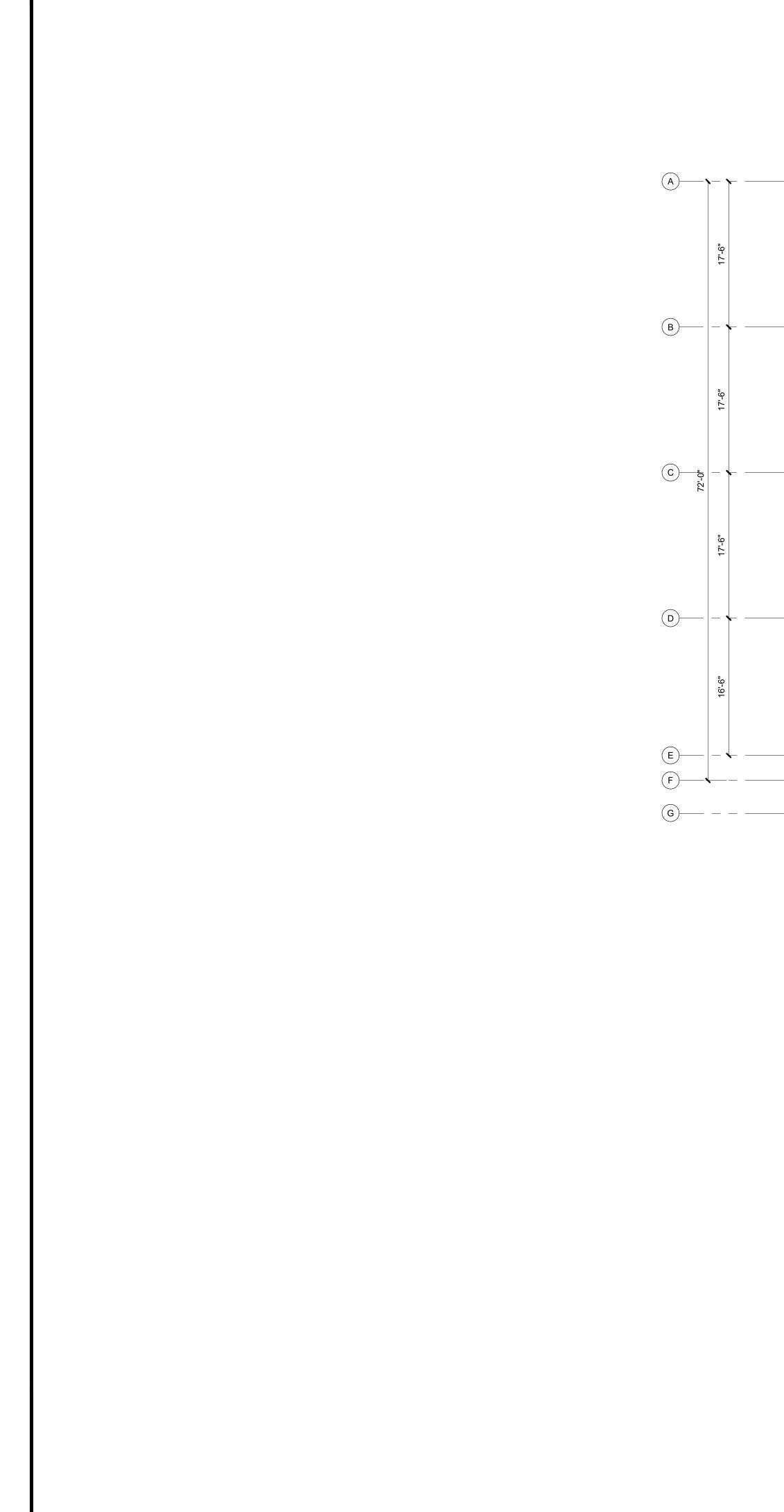


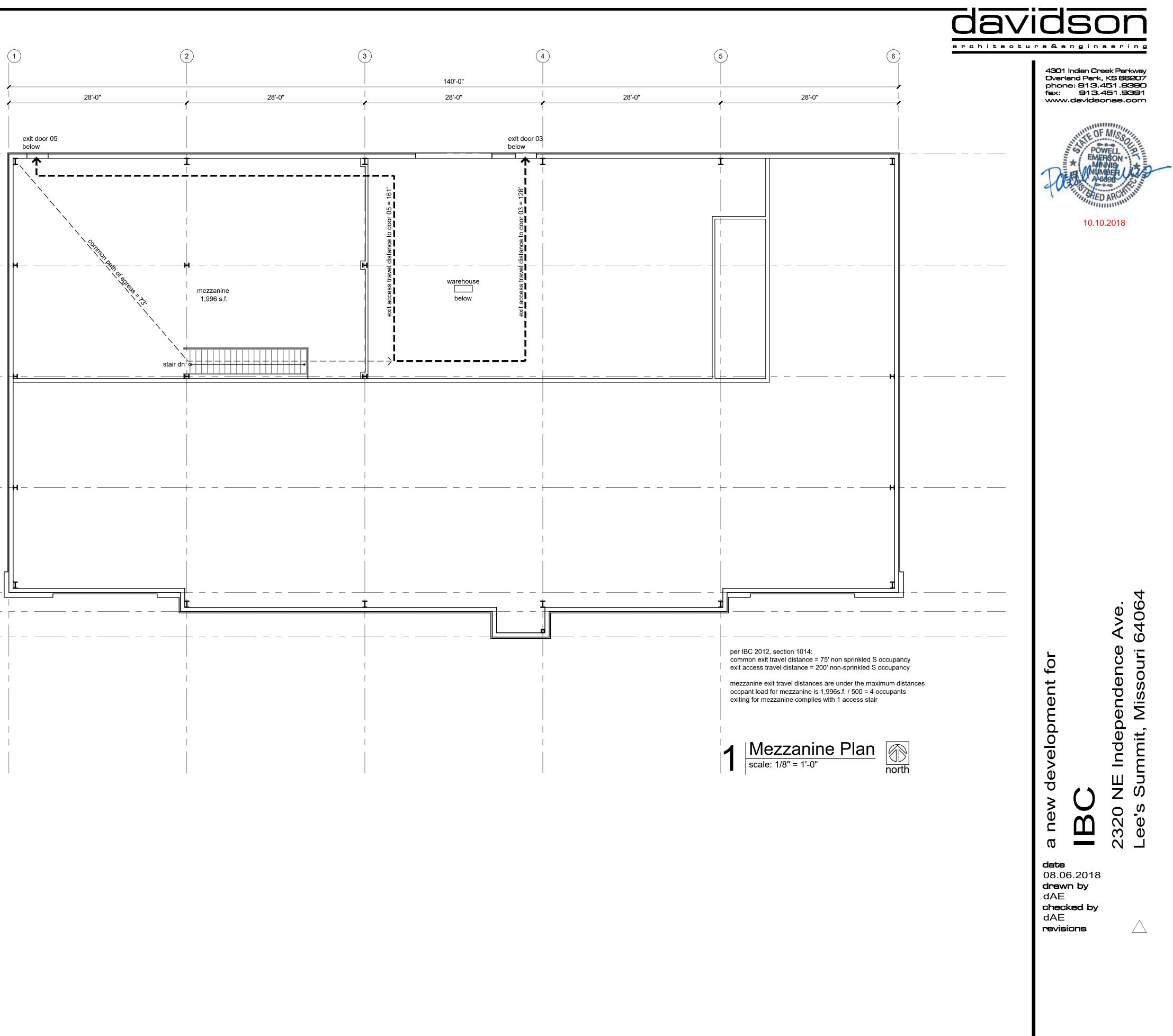




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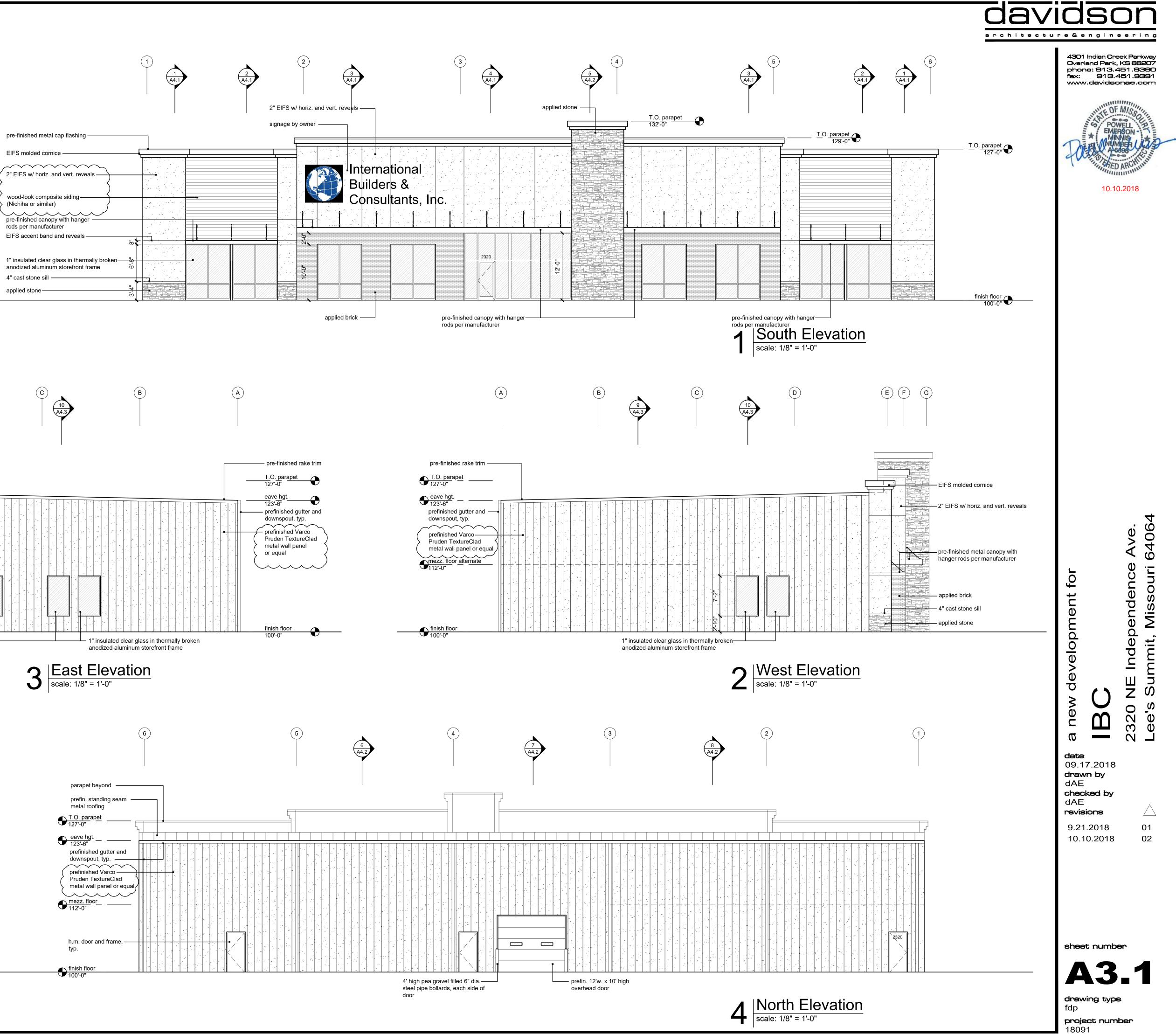


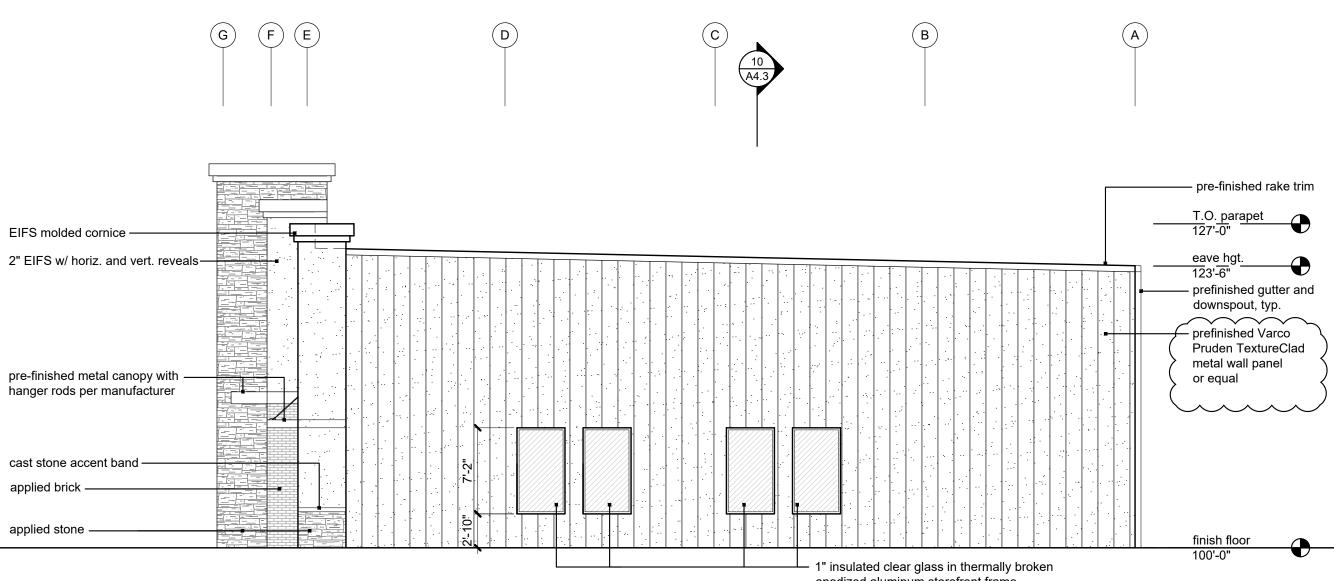




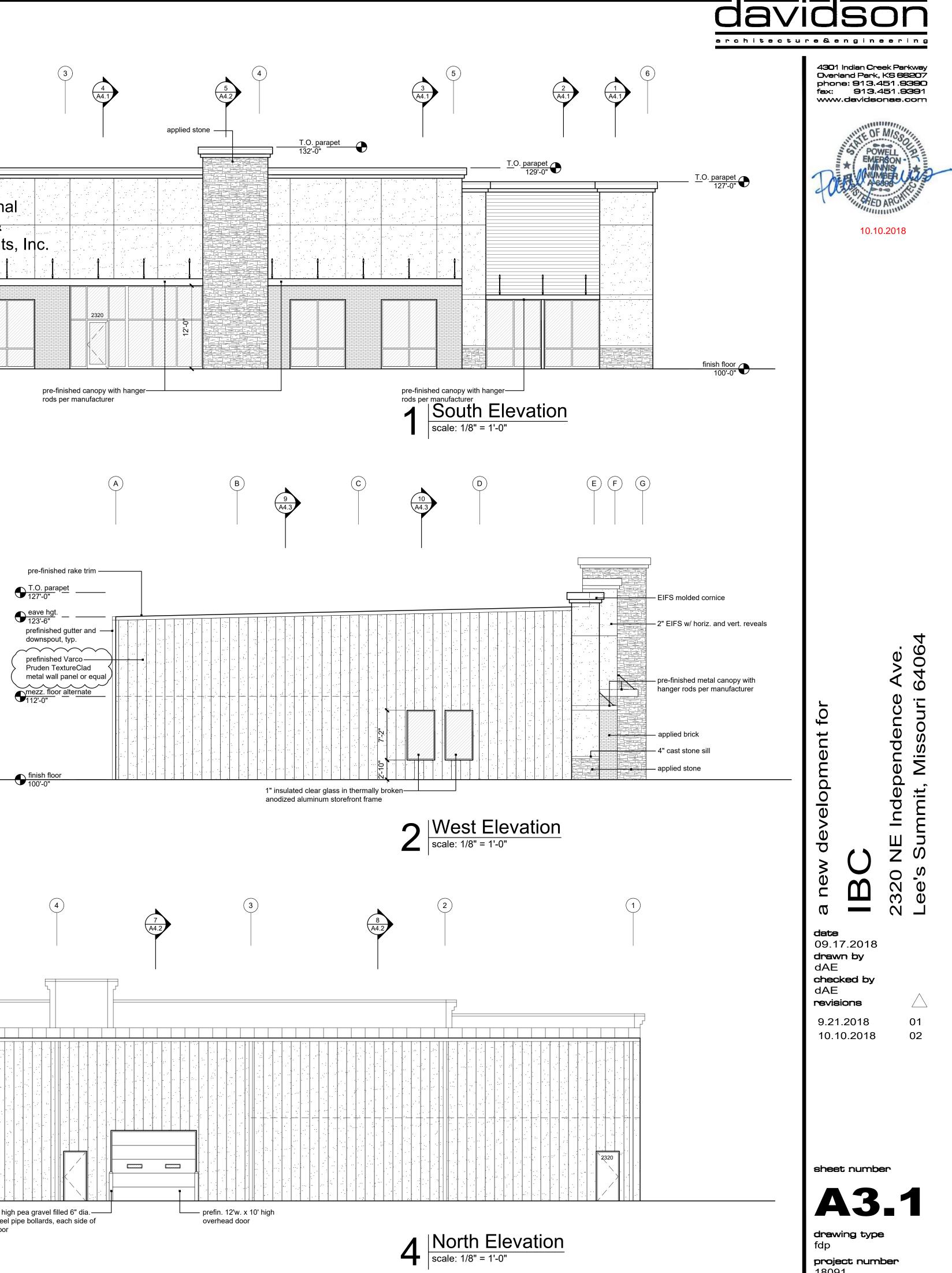
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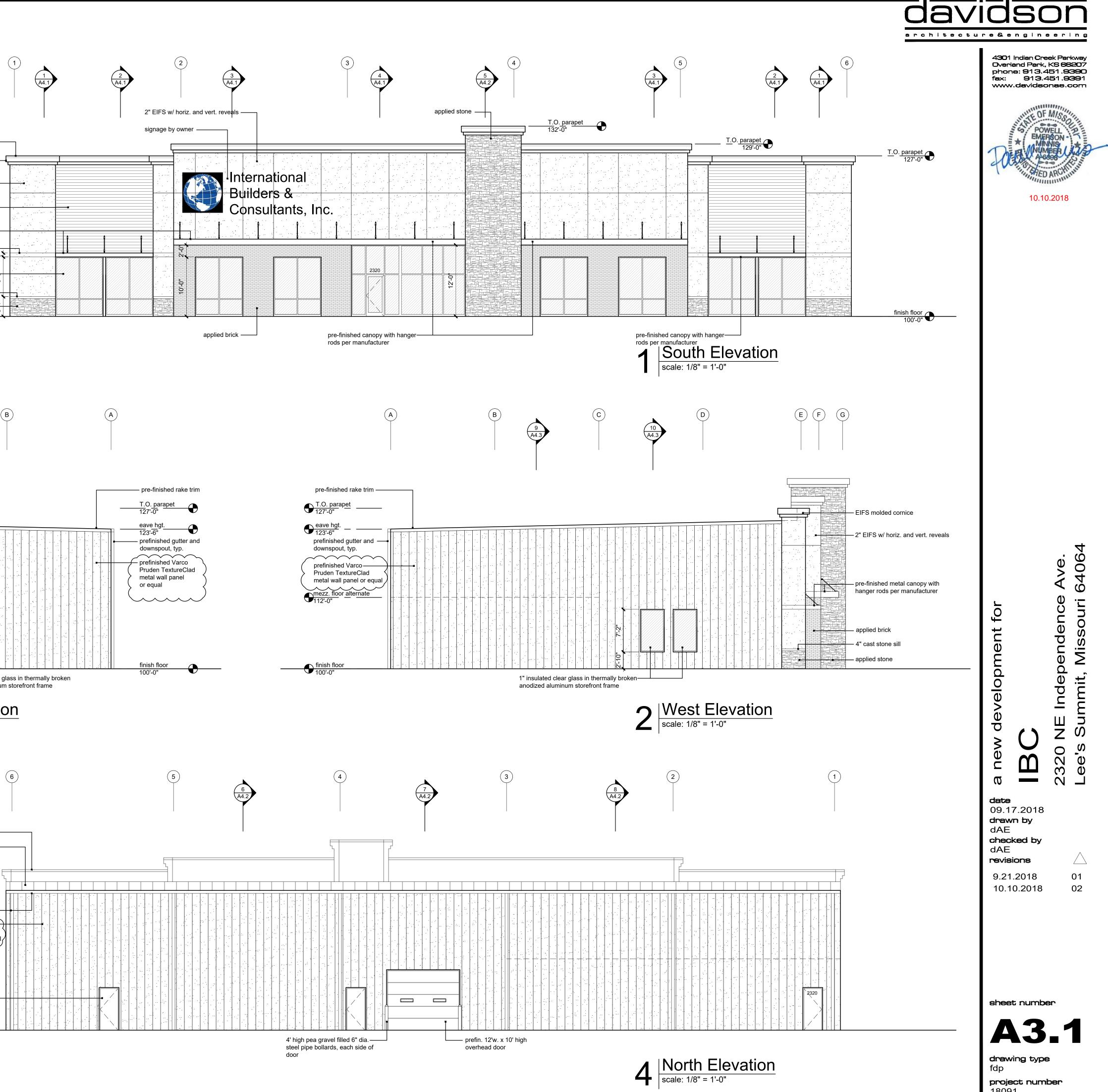


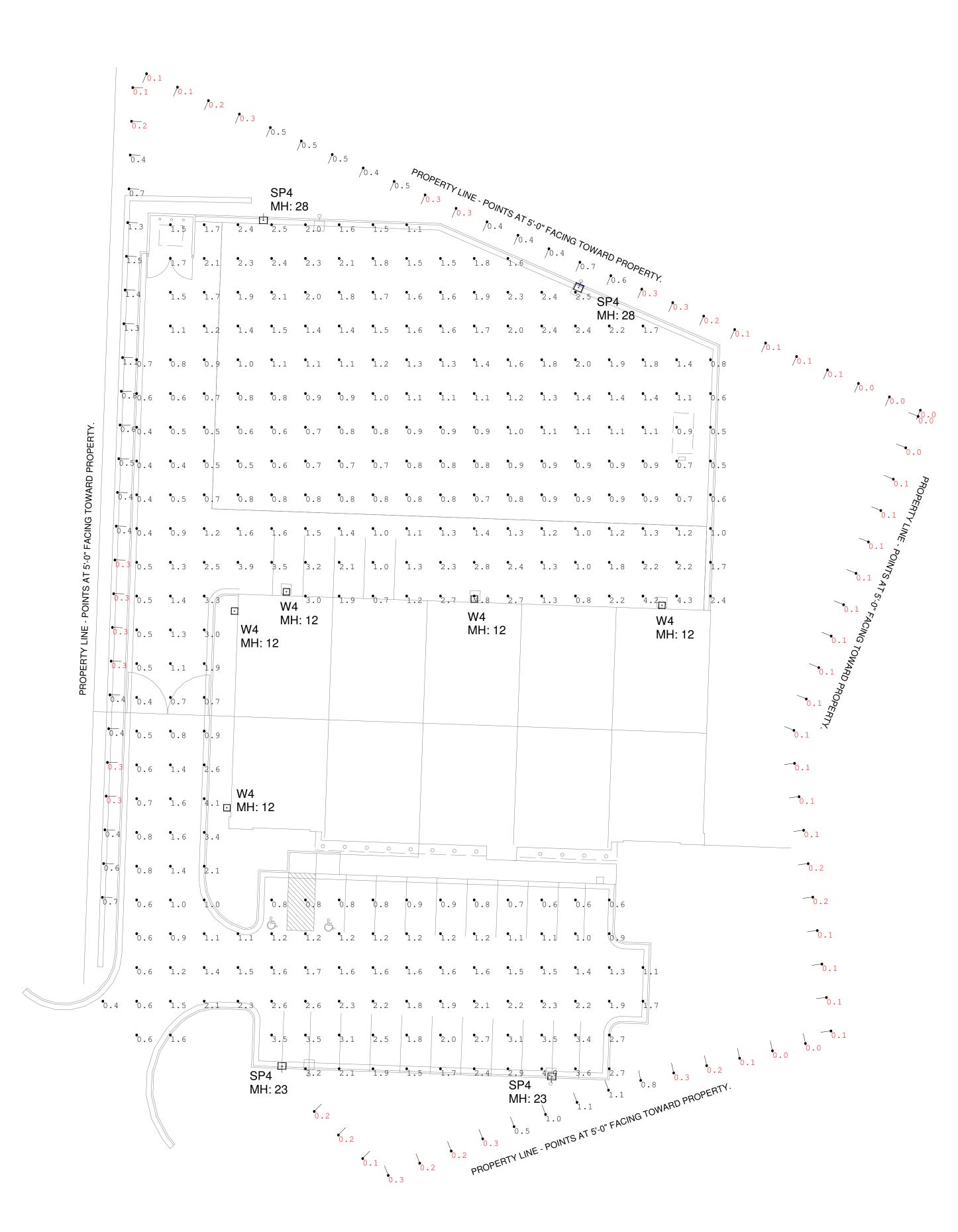












SITE LIGHTING PHOTOMETRIC PLAN

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Property Line	Illuminance	Fc	0.35	1.5	0.0	N.A.	N.A.
Site Lighting	Illuminance	Fc	1.47	4.8	0.4	3.68	12.00
					••••		
	Lum. Lumens				LF	Lum. Watts	
	Lum. Lumens			D L			

Luminaire Sch	nedule
Tag	Description
W4	D444-LED-40-40-UNV-T4
SP4	D824-LED-120-40-UNV-LP-T4

GLADETINO **D824-LED** Low Profile Gladetino Luminaire Performance Data CRI 70+, 95 Optional CCT 3000K, 3500K, 4000K, 5000K, Amber Projected Lifetime 286,000 Hours (L70) 181,000 Hours (L80) Dimming 0-10V Dimming Standard, 10% to 100%

Operating Temperature -40°C to +55°C Ambient IP Rating

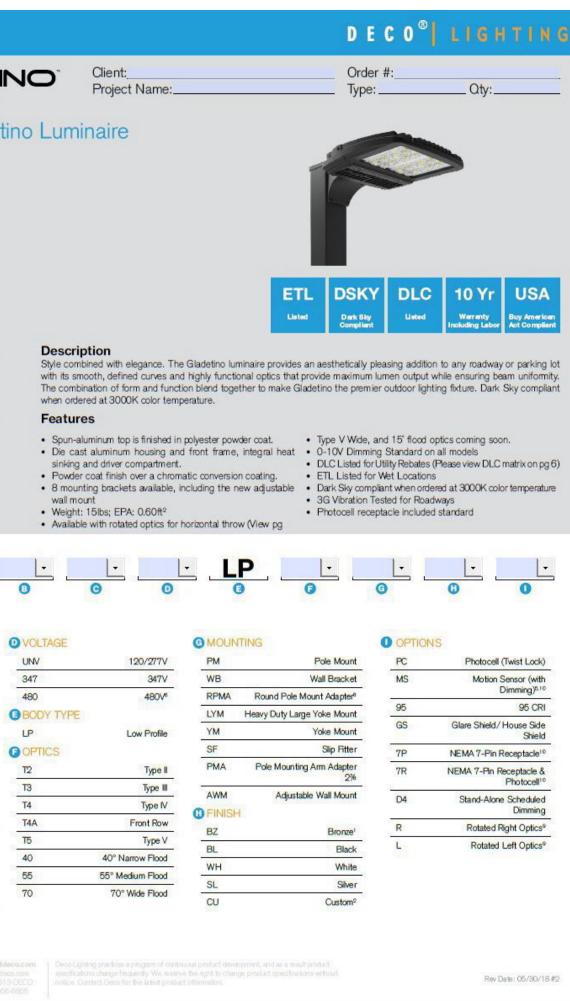
IP67

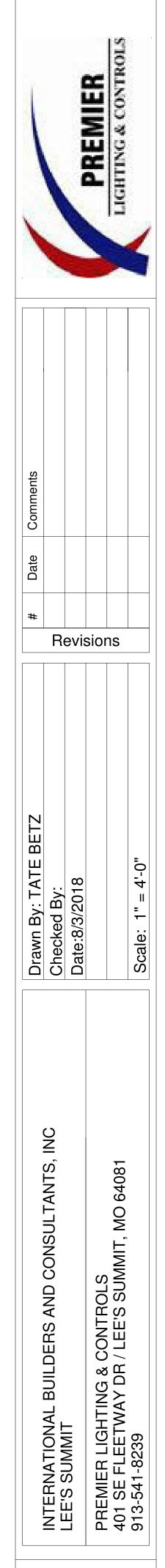
D824-LED

FIXTURE SER	IE O
D824-LED	Gladetino Area Luminaire
WATTAGE/LU	IMENS
20	20W/31204
30	30W/3990*
40	40W/52003
60	60W/76203
80	80W/100403
100	100W/14130
120	120W/15380a
150	150W/17930a
CCT	
30	3000
35	3500H
40	4000
50	5000K
A	Ambe
	ing, inc. 2018) ww

TYPE SP4 SPECIFICATION SHEET

	4-LED m Trapezoida		ject Name:			Order Type:	1994	Oty:	
Performar			M						
CRI 70+ (5000K	n.								
80+ (4000k					5	10 M			
сст									
3000K, 350	OK, 4000K, 5000K								
Projected L	ifetime				DSKY	DLC	UL	10 Yr	USA
L70 - 196,00	00 Hours;					Listed	Listed		
L80 - 122,00	00 Hours				Derk Sky Compliant	Liston	Listod	Warranty Including Labor	Buy American Act Complian
Dimming		Description							
	ing standard,		nedium trapezoidal cutof ng needed for the exterio						
100% down	to 10%		s per watt of high efficacy						
Operating T	emperature	Features							
-40°C to +55	and the second		o piece, die-cast aluminiu					ered at 3000K	- Page 2 fr
40 0 10 100		 Mounts direct 	ting provides protection a y to 3.5* octagon, or 4* s	quare outlet t	xxx. m	ore info)		lity rebates (se	
UL Listed			d holes provided in three or optional photocell cont					wall washing ap below the ceiling	
OF FISICO			owder coated finish for in				ning or non-di		or mail bring
Suitable for c	irv damp	1.0.4							
Suitable for a wet locations		UV resistance. • Integral cast-in	aluminum hinges.	Ŀ	• P		ed polycarbor	nate optical lens	es control an
wet locations				9	• P	recision-design	ed polycarbor	nate optical lens	es control an
Met locations	4-LED			3 3 0 OPTIO	• P da	recision-design	ed polycarbor	nate optical lens	es control an
D,4,4,	A-LED, onformation RIES Medium Trapezoidal	• Integral cast-ir		G G OPTIO PC	• P da	recision-design	ed polycarbor	nate optical lens	es control an
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