Construction Manager
at Risk Services for
the New Fulton
County Animal
Shelter Facility

#21RFP22421K-DB
11/18/2021

GUARANTEED MAXIMUM PRICE PROPOSAL

WINTER JOHNSON GROUP

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Owner: Fulton County Government
Architect: PGAL

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Landscape	L4.0	Landscape Notes And Schedule	10/8/2021
Landscape	L5.0	Landscape Details	10/8/2021

WINTER JOHNSON GROUP

Specifications Log: 21-123 - Fulton County Animal Services

Project Owner: Fulton County Government
Architect: PGAL
Project Number: 21-123

Spec #	Spec Title	Issue Date	Latest Revision	Revision Number
000000	Covers	10/08/2021		
000103	Design Team	10/08/2021		
000105	Table Of Contents	10/08/2021		
000107.01	Certification And Seal Sheet - Architectural	10/08/2021		
000107.02	Certification And Seal Sheet - Structural	10/08/2021		
000107.04	Certification And Seal Sheet - Plumbing	10/08/2021		
000107.05	Certification And Seal Sheet - Mechanical	10/08/2021		
000107.06	Certification And Seal Sheet - Electrical	10/08/2021		
000107.07	Certification And Seal Sheet - Civil	10/08/2021		
000107.08	Certification And Seal Sheet - Landscape Architect	10/08/2021		
011000	Summary (pgal)	10/08/2021		
012500	Substitution Procedures (pgal)	10/08/2021		
012600	Contract Modification Procedures (pgal)	10/08/2021		
012900	Payment Procedures (pgal)	10/08/2021		
013100	Project Management And Coordination (pgal)	10/08/2021		
013200	Construction Progress Documentation (pgal)	10/08/2021		
013233	Photographic Documentation (pgal)	10/08/2021		
013300	Submittal Procedures (pgal)	10/08/2021		
014000	Quality Requirements (pgal)	10/08/2021		
014200	References (pgal)	10/08/2021		
014533	Structural Testing And Special Inspections Services (sci)	10/08/2021		
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018113	Sustainability Requirements (ice)	10/08/2021		
018114	LEED Scorecard And Responsibility Matrix (ice)	10/08/2021		
018115	Sustainability Materials Coversheet (SMC) (ice)	10/08/2021		
018118	Indoor Air Quality Requirements (ice)	10/08/2021		
018119	Construction And Demolition Waste Management Plan (ice)	10/08/2021		
018120	LEED Material Performance Requirements (ice)	10/08/2021		
019113	General Commissioning Requirements (eg)	10/08/2021		
027920	Loose-Fill Rubber Mulch Surfacing (aa)	10/08/2021		
031000	Concrete Forming And Accessories (sci)	10/08/2021		

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032000	Concrete Reinforcing (sci)	10/08/2021		
033000	Cast-In-Place Concrete (sci)	10/08/2021		
033543	Polished Concrete Finishing (pgal)	10/08/2021		
033660	Sealed Concrete (aa)	10/08/2021		
042000	Unit Masonry (pgal)	10/08/2021		
042200	Concrete Unit Masonry (sci)	10/08/2021		
051200	Structural Steel Framing (sci)	10/08/2021		
051213	Architecturally Exposed Structural Steel Framing (sci)	10/08/2021		
052100	Steel Joist Framing (sci)	10/08/2021		
053100	Steel Decking (sci)	10/08/2021		
054000	Cold-Formed Metal Framing (sci)	10/08/2021		
055000	Metal Fabrications (pgal)	10/08/2021		
061000	Rough Carpentry (aa)	10/08/2021		
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066400	Plastic Paneling (pgal)	10/08/2021		
068300	Composite Siding (pgal)	10/08/2021		
068313	Thermoplastic Resin Panels (pgal)	10/08/2021		
071113	Bituminous Dampprofing	10/08/2021		
072100	Thermal Insulation	10/08/2021		
072726	Fluid-Applied Membrane Air Barriers	10/08/2021		
074213.13	Formed Metal Wall Panels	10/08/2021		
074213.23	Metal Composite Material Wall And Soffit Panels	10/08/2021		
075423	Thermoplastic-Polyolefin (TPO) Roofing	10/08/2021		
076200	Sheet Metal Flashing And Trim	10/08/2021		
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078446	Joint Resistant Joint Systems (aa)	10/08/2021		
079200	Joint Sealants (aa)	10/08/2021		
079219	Acoustical Joint Sealants (aa)	10/08/2021		
079513.13	Interior Expansion Joint Cover Assemblies	10/08/2021		
079513.16	Exterior Expansion Joint Cover Assemblies	10/08/2021		
081113	Hollow Metal Doors And Frames (aa)	10/08/2021		
081613	Fiberglass Reinforced Doors And Frames (pgal)	10/08/2021		
083113	Access Doors And Frames (pgal)	10/08/2021		
083323	Overhead Coiling Doors (pgal)	10/08/2021		
083330	Overhead Coiling Grilles (aa)	10/08/2021		
083613	Sectional Doors (aa)	10/08/2021		
084113	Aluminum-Framed Entrances And Storefronts (pgal)	10/08/2021		
084243	Traffic Doors (aa)	10/08/2021		

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084413	Glazed Aluminum Curtain Walls (pgal)	10/08/2021		
085313	Sliding Windows (aa)	10/08/2021		
086250	Tubular Daylighting Devices (aa)	10/08/2021		
087100	Door Hardware (pgal)	10/08/2021		
088000	Glazing (aa)	10/08/2021		
092216	Interior Non-Structural Metal Framing (aa)	10/08/2021		
092900	Gypsum Board (aa)	10/08/2021		
093000	Tiling (aa)	10/08/2021		
095113	Acoustical Panel Ceilings (aa)	10/08/2021		
096513	Resilient Base And Accessories (aa)	10/08/2021		
096516	Resilient Sheet Flooring (pgal)	10/08/2021		
096517	Resilient Sheet Safety Flooring (aa)	10/08/2021		
096723	Resinous Flooring (aa)	10/08/2021		
097200	Wall Coverings (pgal)	10/08/2021		
098433	Sound-Absorbing Wall Units (aa)	10/08/2021		
099113	Exterior Painting (pgal)	10/08/2021		
099123	Interior Painting (pgal)	10/08/2021		
099600	High-Performance Coatings (aa)	10/08/2021		
101000	Slatwall Display Wall (aa)	10/08/2021		
101100	Visual Display Units (pgal)	10/08/2021		
101419	Dimensional Letter Signage (pgal)	10/08/2021		
101423	Panel Signage (pgal)	10/08/2021		
102113.17	Phenolic-Core Toilet Partitions (pgal)	10/08/2021		
102219	Demountable Partitions (pgal)	10/08/2021		
102226	Operational Partitions (aa)	10/08/2021		
102600	Wall And Door Protection (aa)	10/08/2021		
102800	Toilet And Bath Accessories (pgal)	10/08/2021		
104413	Fire Extinguisher Cabinets (aa)	10/08/2021		
104416	Fire Extinguishers (aa)	10/08/2021		
105113	Metal Lockers (aa)	10/08/2021		
107316.06	Metal Entrance Canopies (pgal)	10/08/2021		
111200	Parking Control Equipment (pgal)	10/08/2021		
111323	Portable Dock Equipment (pgal)	10/08/2021		
112000	Animal Care Equipment (aa)	10/08/2021		
113100	Appliances (pgal)	10/08/2021		
114000	Foodservice Equipment (aa)	10/08/2021		
115213	Projection Screens (pgal)	10/08/2021		
122413	Roller Window Shades (aa)	10/08/2021		
123616	Metal Countertops (aa)	10/08/2021		
123623.13	Plastic-Laminate-Clad Countertops (aa)	10/08/2021		
123661	Solid-Surface-Material Countertops And Sills (aa)	10/08/2021		
123662	Quartz Agglomerate Countertops And Sills (aa)	10/08/2021		

Spec #	Spec Title	Issue Date	Latest Revision	Revision Number
133423	Prefabrication Barns (aa)	10/08/2021		
211000	Fire Suppression (tec)	10/08/2021		
220010	General Requirements (2020)	10/08/2021		
220513	Common Motor Requirements For Plumbing Equipment (2020)	10/08/2021		
220516	Expansion Fittings And Loops For Plumbing Piping (2020)	10/08/2021		
220517	Sleeves And Sleeve Seals For Plumbing Piping (2020)	10/08/2021		
220518	Escutcheons For Plumbing Piping (2020)	10/08/2021		
220519	Meters And Gages For Plumbing Piping (2020)	10/08/2021		
220523.12	Ball Valves For Plumbing Piping (2020)	10/08/2021		
220523.13	Butterfly Valves For Plumbing Piping (2020)	10/08/2021		
220523.14	Check Valves For Plumbing Piping (2020)	10/08/2021		
220529	Hangers And Supports For Plumbing Piping And Equipment (2020)	10/08/2021		
220553	Identification For Plumbing Piping And Equipment (2020)	10/08/2021		
220593	Testing, Adjusting, And Balancing For Plumbing (2020)	10/08/2021		
220719	Plumbing Piping Insulation (2020)	10/08/2021		
220800	Plumbing Systems Commissioning (eg)	10/08/2021		
220963	Medical Gas Alarms (2020)	10/08/2021		
221116	Domestic Water Piping (2020)	10/08/2021		
221119	Domestic Water Piping Specialties (2020)	10/08/2021		
221123.21	Inline, Domestic-Water Pumps (2020)	10/08/2021		
221316	Sanitary Waste And Vent Piping (2020)	10/08/2021		
221330	Sand-Oil Interceptors (2020)	10/08/2021		
221413	Facility Storm Drainage Piping (2020)	10/08/2021		
221623	Facility Natural-Gas Piping (2020)	10/08/2021		
223400	Fuel-Fired, Domestic-Water Heaters (2020)	10/08/2021		
224213	Commercial Plumbing Fixtures (2020)	10/08/2021		
226313	Gas And Vacuum Piping For Animal Healthcare Facilities (2020)	10/08/2021		
230010	General Requirements (2020)	10/08/2021		
230513	Common Motor Requirements For HVAC Equipment (2020)	10/08/2021		
230517	Sleeves And Sleeve Seals For HVAC Piping (2020)	10/08/2021		
230529	Hangers And Supports For HVAC Piping And Equipment (2020)	10/08/2021		
230713	Duct Insulation (2020)	10/08/2021		
230719	HVAC Piping Insulation (2020)	10/08/2021		
230800	Mechanical Systems Commissioning (eg)	10/08/2021		
230923	Direct Digital Control (DDC) System For HVAC (2020)	10/08/2021		
232113	Hydronic Piping (2020)	10/08/2021		
232116	Hydronic Piping Specialties (2020)	10/08/2021		
232123	Hydronic Pumps (2020)	10/08/2021		
232300	Video Surveillance (aed)	10/08/2021		
233113	Metal Ducts (2020)	10/08/2021		
233413	Grilles, Registers, And Diffusers (2020)	10/08/2021		
233423	Fans (2020)	10/08/2021		

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233600	Air Terminal Units (2020)	10/08/2021		
235216	Condensing Boilers (2020)	10/08/2021		
236423.05	Air-Cooled, Heat Recovery Chillers (2020)	10/08/2021		
237223	Outdoor, Air-Handling Units (2020)	10/08/2021		
237223.29	Packaged, Outdoor, Fixed Plate Energy Recovery Units (2020)	10/08/2021		
237343.01	Packages, Outdoor, HW-CW Coil, Dedicated Outdoor Air Units (2020)	10/08/2021		
238126	Ductless Split-System Air-Conditioners (2020)	10/08/2021		
238239.17	Propeller Unit Heaters (2020)	10/08/2021		
260500	Common Work Results For Electrical (aed)	10/08/2021		
260519	Low-Voltage Electrical Power Conductors And Cables (aed)	10/08/2021		
260526	Grounding And Bonding For Electrical Systems (aed)	10/08/2021		
260529	Hangers And Supports For Electrical Systems (aed)	10/08/2021		
260533	Raceways And Boxes For Electrical Systems (aed)	10/08/2021		
260553	Identification For Electrical Systems (aed)	10/08/2021		
260800	Electrical Systems Commissioning (eg)	10/08/2021		
262213	Low-Voltage Distribution Transformers (aed)	10/08/2021		
262413	Switchboards (aed)	10/08/2021		
262416	Panelboards (aed)	10/08/2021		
262726	Wiring Devices (aed)	10/08/2021		
262813	Fuses (aed)	10/08/2021		
262816	Enclosed Switches And Circuit Breakers (aed)	10/08/2021		
263213.14	Diesel Engine Generators (aed)	10/08/2021		
263600	Transfer Switches (aed)	10/08/2021		
264113	Lightning Protection For Structures (aed)	10/08/2021		
265119	LED Interior Lighting (aed)	10/08/2021		
265219	Emergency And Exit Lighting (aed)	10/08/2021		
265619	LED Exterior Lighting (aed)	10/08/2021		
270526	Grounding And Bonding For Communications Systems (aed)	10/08/2021		
270536	Cable Trays For Communications Systems (aed)	10/08/2021		
271100	Communications Equipment Room Fittings (aed)	10/08/2021		
271313	Communications Copper Backbone Cabling (aed)	10/08/2021		
271333	Communications Coaxial Backbone Cabling (aed)	10/08/2021		
271513	Communications Copper Horizontal Cabling (aed)	10/08/2021		
271533	Communications Coaxial Horizontal Cabling (aed)	10/08/2021		
274100	Audio-Visual Systems (aed)	10/08/2021		
274122	Cabling For Audio-Visual Systems (aed)	10/08/2021		
274181	Audio-Visual Control System (aed)	10/08/2021		
281300	Access Control (aed)	10/08/2021		
281305	Video Intercom System (aed)	10/08/2021		
284621.11	Addressable Fire-Alarm Systems (tec)	10/08/2021		
311000	Site Clearing (lowe)	10/08/2021		
311200	Aggregate Piers (sci)	10/08/2021		

Spec #	Spec Title	Issue Date	Latest Revision	Revision Number
312000	Earth Moving (lowe)	10/08/2021		
312210	Building Earthwork (sci)	10/08/2021		
313116	Termite Control (pgal)	10/08/2021		
321216	Asphalt Paving (lowe)	10/08/2021		
321313	Concrete Paving (lowe)	10/08/2021		
321400	Unit Paving (pgal)	10/08/2021		
321813	Synthetic Grass Surfacing (aa)	10/08/2021		
323110	Ornamental Fencing (aa)	10/08/2021		
323113	Chain Link Fences And Gates (aa)	10/08/2021		
323119	Decorative Fences And Gates (pgal)	10/08/2021		
323120	Paddock Fending (aa)	10/08/2021		
329223	Sodding (gf)	10/08/2021		
329310	Landscape Plantings (gf)	10/08/2021		
334200	Stormwater Conveyance (lowe)	10/08/2021		

GEOTECHNICAL EXPLORATION REPORT

Fulton County Animal Services Building

Fulton Industrial Boulevard

Atlanta, Georgia

Lot Number: 17 0268 LL0317

Prepared for:

Department of Real Estate and Asset Management

Fulton County Government Center

141 Pryor Street, SW
Suite 6001
Atlanta, Georgia 30303

Prepared by:

Wood Environment & Infrastructure Solutions, Inc.

2677 Buford Hwy. NE
Atlanta, GA 30324

July 2, 2020

Project No. 6162-20-1408

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July 2, 2020

Mr. Bill Mason
Facilities Program Manager
Department of Real Estate and Asset Management
Fulton County Government Center
141 Pryor Street, SW
Suite 6001
Atlanta, Georgia 30303

Subject: **Report of Geotechnical Exploration**
Fulton County Animal Services Building
Fulton Industrial Boulevard
Atlanta, Georgia
Wood Project: 6162201408

Dear Mr. Mason:

Wood Environment and Infrastructure Solutions, Inc. (Wood) is pleased to submit this report of Geotechnical Exploration for above-referenced property in Atlanta, Fulton County, Georgia. This exploration was conducted in general accordance with Wood's Proposal dated March 13, 2020.

This report briefly discusses our understanding of the project, describes our exploratory procedures and results, and presents our conclusions and recommendations related to the project design and construction. We appreciate your selection of Wood for this project and look forward to assisting you further on this and other projects. If you have any questions, please contact us.

Sincerely,

Wood Environment & Infrastructure Solutions, Inc.

Kayla Andrews, E.I.T.
Geotechnical Specialist

Pieter DePree, PE
Sr. Assoc. Geotechnical Engineer

'Wood' is a trading name for John Wood Group PLC and its subsidiaries

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GEOTECHNICAL EXPLORATION REPORT

Proposed Project: Fulton County Animal Services Building
Fulton Industrial Boulevard
Atlanta, GA

1.0 INTRODUCTION

Wood has completed a geotechnical exploration for the proposed construction of the new Fulton County Animal Services Building (FCASB), located on Fulton Industrial Boulevard in Atlanta, Georgia. The objective of the exploration was to assess the subsurface conditions in the area of the proposed new development and to analyze these conditions as they relate to foundation design and construction. This report briefly discusses our understanding of the project, describes our exploratory procedures and presents our conclusions and recommendations.

1.1 SITE DESCRIPTION

We understand the following based on documents provided by Don Green of CBRE-Heery. The site is a triangular shaped, approximately 44.2-acre parcel located just east of Charlie Brown Airport along Fulton Industrial Boulevard, west of Bolton Road (see Figure 1). It is bounded to the northwest by Fulton Industrial Boulevard, to the east by a power line easement, and to the south by undeveloped tracts that are part of a runway protection zone for the airport and which contain a drainage feature.

The site is undeveloped and partially wooded with a thick growth of young trees. Aerial photos show no evidence of significant previous development or grading but indicate the site was cleared in 2014-15 and large amounts of mulch were left around the site surface. Much of this mulch remains on the site. Site grades vary from high points around elevation 826 feet in the northern corner sloping down to the south and southwest to a low point of about 782 feet in a drainage at the extreme south corner.

1.2 PROJECT DESCRIPTION

The building will be a large (roughly 500 by 200 feet out-to-out), single-story, metal frame structure facing Fulton Industrial Boulevard with parking areas to the northeast and southwest (see Figure 2). A barn will be located near the southwestern corner of the site. Landscape areas, including outdoor exercise yards, will be located in front of and behind the building. Detailed grading information is not yet available, but the finished floor elevation is anticipated to be about 806 feet elevation (NGVD) and surrounding drives, parking, and yard areas will likely be near this, such that excavation up to about 20 feet and fill up to about 15 feet is anticipated to level the site. Excavation for utility trenches is also likely. We are not aware of plans for basements, but site retaining walls to allow grade changes around the building to better match existing site topography are likely and may be up to 15 feet high. Building load details were not provided but we anticipate column loads of 200 kips or less and wall loads of 5 kips per linear foot based on experience with similar construction.

1.3 FIELD EXPLORATION

Fifteen soil test borings were drilled to depths between 22 and 30 feet. Standard penetration tests were performed using a CME-55 drill rig utilizing and automatic hammer. The boring locations

were located in the field by a geotechnical engineer using coordinates obtained from Google Earth and a handheld GPS unit with a positional error of about 15 feet. Boring elevations were interpolated based on the provided site topographic plan. Since these methods are imprecise, the boring elevations and the boring locations (shown on the Boring Location Plan, Figure 2) should be considered approximate.

The Soil Test Boring Records in the Appendix graphically show the penetration resistances and present the soil descriptions for selected SPT borings. The stratification lines and depth designations on the boring records represent the approximate boundaries between soil types. Transitions between soils may be gradual. Brief descriptions of the exploratory drilling and sampling techniques used are presented in the Field and Laboratory Procedures section of the Appendix.

2.0 SUBSURFACE CONDITIONS

The subsurface conditions discussed in the following paragraphs and those shown on the Soil Test Boring Records represent an interpretation of the boring and other data using normally accepted geotechnical engineering judgments considering local geology and experience.

2.1 AREA AND SITE GEOLOGY

The project site is in the Piedmont Physiographic Province, an area underlain by metamorphic rocks with localized igneous intrusions. The residual soils encountered in the Piedmont are the product of in-place chemical and physical weathering of the parent rock. Typically, weathering is most advanced at the surface and decreases with depth. This results in a residual soil profile consisting of slightly clayey soils near the surface underlain by sandy silts and silty sands that generally become harder or denser and coarser with depth to the top of the unweathered bedrock. In deeper residual soil strata, known as saprolites, the banded structural appearance of the parent rock is typically evident.

The boundary between soil and rock in the Piedmont is typically not sharply defined. A transitional zone termed ”partially weathered rock” is normally found overlying bedrock. Partially weather rock (PWR) is arbitrarily defined for engineering purposes as residual material with a standard penetration resistance exceeding 100 blows per foot (bpf). Weathering is facilitated by fractures, joints, and by the presence of less resistant rock types. Consequently, the surface elevation of PWR and unweathered rock can vary significantly over short horizontal distances. Lenses and boulders of hard rock and zones of PWR may be present within the soil mantle, above the general bedrock level.

2.2 SITE STRATIGRAPHY

Table 1, below and the following paragraphs describe subsurface conditions encountered in our exploration. The boring logs in the Appendix represent our interpretation of the subsurface conditions encountered based on the driller’s field logs and the engineer’s examination of the samples. The groundwater condition indicated on the boring logs represent observations at the time of drilling. The lines designating the interfaces between various strata represent approximate boundaries only, as transition between materials may be gradual. Soil conditions may vary between and away from boring locations. Soil samples will be discarded after 30 days from the date of this report.

Table 1: Summary of Boring Results

Boring ID	Surface Elevation (ft)	Soils <6 bpf Elev. (ft)	Groundwater Elevation (ft)	PWR Elevation (ft)	Termination Elevation (ft)
B-1	805	793-799	NE	NE	775
B-2	812	799-804	NE	NE	782
B-3	812	NE	798	NE	782
B-4	809	798-803	NE	NE	779
B-5	806	795-803	790	789	776
B-6	808	796-808	792	786	778
B-7	803	NE	NE	786	773
B-8	799	794-797	NE	791	769
B-9	810	NE	795	783	780
B-10	801	793-798	789	NE	771
B-11	797	789-794	NE	770	767
B-12	792	NE	779	775	770(AR)
B-13	801	790-798	789	NE	778(AR)
B-14	820	NE	804	NE	790
B-15	826	810-814	NE	NE	796

AR-Auger Refusal
NE-Not encountered (for GW, none encountered shortly after completion)

2.2.1 Topsoil

Approximately 3-8 inches of organic topsoil was encountered in most borings. Site clearing in 2014-15 likely removed topsoil in some areas. None of the borings was located in areas of apparent mulch disposal. The now 5-year-old mulch is likely degraded significantly but will add to the topsoil quantity on site. For planning, we suggest an assumption of 1 foot of topsoil, mulch, and root/stump removal across the site.

2.2.2 Residual Soils

Residual soils were typical of the area, composed of sandy silt near the surface transitioning to silty sand with depth and were encountered in all the borings below the surface/topsoil. SPT N-values in these soils ranged from 3 to 46 blows per foot (bpf). Significant layers of soil with SPT N-values of 5 or below were encountered in two thirds of the borings and appear to range from about 3 to 12 feet thick. Some low consistency surficial soils were not included in this total.

2.2.3 Partially Weathered Rock and Refusal Materials

Borings 5-9 (within the building footprint) as well as 11 and 12 encountered PWR at elevations as high as 789 feet. Borings 12 and 13, located southeast of the building in a lower part of the site, encountered auger refusal at depths of 22 and 23 feet. Refusal in the residual profile is typically interpreted as the upper surface of sound, massive rock, though it may represent a seam or boulder of hard rock. The elevation of the surface of PWR and rock in the Piedmont can vary significantly over short horizontal distances, so PWR and rock may occur at shallower depths between or away from the borings. Boulders, seams, and masses of rock may occur in the soil mantle above the general rock elevation, though it is rare for weak, soft, or highly compressible soils to occur beneath such seams in the Piedmont geology.

2.2.4 Groundwater

All the borings were completed in a single day (using 2 drilling rigs) so that stabilized groundwater levels were not obtained. Drilling occurred following several days of wet weather. Groundwater was encountered most of the borings. The expectation for natural conditions is that groundwater will mimic the surface gradients but be slightly deeper beneath ridges and hills and shallower in valleys. This trend is apparent, though elevated levels in B-5 and B-6 may be due to increased infiltration due to poor drainage/increased infiltration resulting from the piles of mulch. Groundwater levels can fluctuate with changes in weather and local drainage.

3.0 CONCLUSIONS AND RECOMMENDATIONS

The following conclusions and recommendations are based on the previously discussed project information, our observations at the site, interpretation of the field data obtained during the exploration, and our experience with similar subsurface conditions.

3.1 SITE PREPARATION

All vegetation, including root systems, topsoil, and deleterious materials, notably the mulch present in most of the site, should cleared and stripped from areas to be excavated or that will receive fill, foundations, or pavements. These materials should be disposed of as allowed by the local jurisdiction. Topsoil and mulch as well as mulched vegetation may be re-used in landscape areas, if consistent with establishment of erosion control grassing. We recommend against burial of any organic matter at the site.

After stripping, proofrolling should be performed with a fully-loaded, tandem-axle, dump truck or pneumatic tired vehicle of similar size and weight. The geotechnical engineer or his representative should observe proofrolling to observe site conditions. Proofrolling should be performed after a period of dry weather. Unstable materials detected should be stabilized as directed by the engineer based on conditions and planned development of the area. Such treatment may include stabilization in place, excavation and replacement, or densification. Where the low consistency soils are encountered at or near the surface, thorough densification using compaction equipment will likely be required, possibly with some scarification and moisture conditioning.

3.2 EXCAVATION

Substantial site grading is anticipated. Soils can generally be excavated using conventional equipment (excavators, pan scrapers, loaders). PWR and rock may be encountered at any depth but are increasingly likely in deeper excavations. PWR typically requires ripping with a single tooth ripper on a large trackhoe (CAT 325) or crawler tractor (CAT D-8) for mass excavation. The ripping may take advantage of existing seams and weaknesses in the mass. In confined excavation, such as the edges or trenches, ripping may be more difficult and pneumatic tools or blasting may be required. Hard rock typically requires loosening by blasting for removal. Due to the substantially higher costs associated with blast rock removal, we recommend ripping or other measures be used until demonstrated to be ineffective before blasting begins. Use of loose soil or blast mats over the rock should be considered to control fly rock. Drilling and blasting through overburden increasing the confinement and is likely to result in higher overall costs and vibrations.

3.3 GROUND AND SURFACE WATER CONTROLS

Groundwater may be encountered in deeper excavations but can typically be controlled with sumps. Groundwater may not be immediately apparent during excavation but will accumulate in

the excavation bottom over time or overnight. Seepage may soften/weaken subgrades. Therefore, we recommend groundwater be controlled by means of sumps or trenches to maintain groundwater levels at least 3 feet below the bottom of the excavation at intermediate points between sumps or trenches. Groundwater flows are likely to be limited to a few gallons per minute by the relatively low permeability and transmissivity of the soils.

Positive site drainage should be maintained at all times and excavations should be protected from surface water accumulation. Any ponded water should be pumped or drained expeditiously to avoid degradation of subgrade.

3.4 FILL PLACEMENT

Fill to raise grades, backfill trenches, or replace over-excavated areas should be low to moderate plasticity soil (PI less than 30), free of deleterious materials and rock fragments larger than 6 inches in any dimension. Rock fragments should be rare and sufficient soil should be present to completely separate and fill voids between them. Site soils should meet these requirements. Excavated PWR can generally be pulverized into acceptable fill by trafficking with heavy equipment. Hard rock (blast rock fragments) are typically too large for re-use in fill and would require special crushing operations that are typically not justified on projects of this size. Therefore, blast rock should be used on the surface in landscape areas, for outlet protection in stormwater ponds, etc. or wasted off site. We recommend against burial of blast rock boulders.

Fill should be placed in thin (8-inch-thick loose measure) lifts and compacted to at least 95 percent of the soil's maximum dry density as determined by the standard Proctor compaction test (ASTM D 698) at moisture contents as required to achieve compaction, but in no case more than 3 percent above or below optimum moisture as determined by the standard Proctor test. The upper 2 feet of fill beneath foundations, slabs, or pavements should be compacted to 98 percent. Where access or other limitations require use of light compaction equipment, such as in utility trench excavations, the lift thickness should be reduced to achieve the required degree of compaction throughout the layer. All fill should be placed in horizontal lifts which are adequately keyed into the prepared and scarified subgrade soils.

The grading contractor have equipment on site during earthwork for both drying and wetting fill. Wood does not anticipate difficulty in controlling moisture within the fill during dry weather, but moisture control may be difficult during winter or extended periods of rain.

3.5 LOW CONSISTENCY SOILS

Significant zones of low consistency soils were encountered in many of the borings and may occur randomly across the site. These soils are likely to compress under load. Grading may remove some of these soils and others may be buried deeply under planned fill. Placement of fill over such soils may result in significant settlement due to compression of these zones. Therefore, we recommend using settlement plates (see detail in Appendix) to monitor settlement of significant fill areas (area fills greater than 5 feet thick). The settlement may be several inches, enough to impact site grading quantities. Construction of settlement sensitive elements, such as buildings, gravity utilities, etc. should be delayed until the fill settlement is largely complete, which may be typically about 6-10 weeks after completion of the fill.

3.6 FOUNDATION RECOMMENDATIONS

We anticipate the proposed building can be founded on shallow, spread footings, though much of the building will require treatment of the low consistency soils. If the soils are removed by grading

and/or buried more than about 1.5 to 2 times the footing width under fill beneath the footing, the impact on footings will be minimal. But where footings bear within that distance above the low consistency soils, treatment will be required. Treatment may include general undercut and replacement (reuse of the low consistency soils with moisture conditioning and compaction should generally be feasible), undercut of footings and replacement with compacted #57 stone placed in 12 inch lifts and compacted by tamping with the backhoe bucket, or use of aggregate piers.

Aggregate piers are installed by specialty contractors using various methods and described as rammed aggregate piers, stone columns, Vibropiers, Geopiers or others. The concept is to replace some of the soil with compacted aggregate which improves the surrounding soil and allows support of shallow footings designed for bearing pressures of 5,000 to 6,000 psf. The specialty contractor normally does the design and provides a warranty on the settlement. The aggregate piers typically replace about 20-30 percent of the bearing area to a depth below the low-consistency zone or at least about twice the footing width, so likely 10-20 feet for this project.

Numerous other ground improvement methods are available (dynamic compaction, preloading, grouting, etc.) but aggregate piers are likely the most practical for this project.

Alternately, the footings could be designed based on a presumptive bearing pressure of 3,000 psf and the geotechnical engineer can evaluate each footing independently. If low consistency soils are detected that would produce unacceptable settlements, the engineer will recommend undercut and replacement. Undercut would extend 1 foot around the footing. Replacement would be with compacted ASTM 57 stone, placed in 12-inch loose lifts and compacted remotely by tamping with the backhoe bucket. This approach may be cumbersome for large numbers of footings but may be cost-effective compared to the more general aggregate pier treatment if only a few footings are expected to be treated.

3.7 RETAINING WALLS

No specific information was provided for on site or below grade walls planned for this site, but it is anticipated that the site will likely step down to the southwest and south, so may require site walls up to about 15 feet high as well as possible dock walls in the loading dock area. Lateral earth pressure parameters for a typical fill material (sandy silt/silty sand) compacted as outlined in the fill section of this report are summarized in Table 2, below. These assume the ground is level above and below the walls and that buildings, pavements, or other surcharge loads are at least 10 feet from the top of walls and that the walls have drainage systems to prevent back up of groundwater or surface water behind the walls:

Table 2. Lateral Earth Pressure Parameters

Earth Pressure Condition	Earth Pressure Coefficient	Recommended Equivalent Fluid Unit Weight (pcf)
Active	K_a = 0.39	50
At-Rest	K_0 = 0.56	73
Passive	K_p = 1.3	150

A coefficient of friction of 0.4 may be considered between the wall foundation and the soils. Wall settlement may be impacted by the low consistency soils and treatment as per building foundations should be considered. Mechanically Stabilized Earth walls, typically constructed by placing a fill reinforced with geogrids and faced with concrete blocks, are cost-effective and commonly used in fill areas. If site soils are used, we recommend an angle of internal friction of 26 degrees and a unit

weight of 130 pcf for the backfill (compacted per the above) and foundation. MSE walls are flexible and may withstand settlements due to the low-consistency soils better than concrete cantilever walls. In excavations, soil nail walls may be considered. The design concept is similar to MSE, but the construction uses using top-down methods during excavation. Tensile reinforcing bars are installed into the excavation face to a distance of about 0.7 or 0.8 times the wall height, typically on a 4 to 5-foot centers. A facing of shotcrete is then applied over a drainage system. Design may consider the same parameters as for MSE walls. MSE and soil nail walls are typically design build options installed by specialty contractors.

3.8 SLABS

Floor slabs on grade should be typical of the area. A modulus of subgrade reaction of about 100 pounds per cubic inch (pci) should be available for slab support of generally light (pedestrian/office) loads on a properly prepared soil subgrade as discussed in the site preparation section above. The floor slab design should include a capillary break, comprised of free draining, compacted, granular material, at least 4 inches thick. In our experience, the granular material helps provide more even support and improved slab performance. A vapor retarder is recommended under floor slabs to limit moisture entry into the building. Slabs should be jointed along walls and around columns to reduce the risk of cracking due to differential settlement. Jointing and reinforcement should follow ACI.

Floor slabs should be structurally independent of any building footings or walls to reduce the possibility of floor slab cracking caused by differential movements between the slab and foundation. Narrower, turned down slab-on-grade foundations may be utilized at the approval of the structural engineer. The slabs should be appropriately reinforced to support the proposed loads.

3.9 PAVEMENT RECOMMENDATIONS

A California Bearing Ratio (CBR) value of 3 may be considered for well-prepared subgrade consisting of site soils. Pavements for parking and driveways restricted to automobile traffic typically consist of 2 inches of asphaltic concrete over a 6-inch graded aggregate base. Pavements for truck traffic, such as garbage trucks, should be designed based on anticipated traffic but are typically thicker. Rigid Portland Cement Concrete (PCC) pavements are recommended for dumpster pads, loading docks, and other areas where heavy trucks maneuver or point loads are applied. We recommend a minimum PCC section of 8 inches of PCC with a flexural strength of at least 600 psi (typically about 4,000 psi concrete) over 4 inches of graded aggregate base.

A well-drained, uniform subgrade is critical to pavement performance. Sealing of pavement and joints is recommended, but experience shows that stormwater can typically reach the subgrade. The subgrade should be sloped to drain and GAB should be provided with outlets at the low edges or into drop inlets to prevent accumulation of water in the subgrade which can lead to saturation and softening.

3.10 SEISMIC DESIGN PARAMETERS

The International Building Code (IBC) 2012 provides six Site Class Definitions that range from hard rock (A) to potentially unstable soil (F). Each site class is described by the average shear wave velocity, standard penetration resistance, or soil undrained shear strength in the top 100 feet of the site profile. The shear wave velocity is related to the site column shear modulus, whereas the standard penetration resistance and undrained shear strength can be empirically related to the shear wave velocity. Each site class is associated with amplification factors that represent the

effects that site stiffness (shear modulus) has on the presumed earthquake bedrock motion. Based on SPT results, we recommend design based on Site Class D. This can be reviewed once grading plans are more complete, and/or geophysical methods can be used to directly assess site shear wave velocities in the building, which may allow use of a higher site class.

4.0 QUALIFICATIONS OF RECOMMENDATIONS

This evaluation of foundation design and construction conditions has been based on our understanding of the site, the available project information, our assumptions and the data obtained during our field exploration as described herein. The recommendations in this report have been developed on the basis of the previously described project characteristics and subsurface conditions. As the design develops, we should be consulted to review and potentially revise these recommendations.

Regardless of the thoroughness of a subsurface exploration, there is the possibility that conditions will differ from those at the boring location, that conditions are not as anticipated by the designers, or that the construction process has altered the soil conditions. Therefore, experienced geotechnical engineers must observe earthwork and foundation construction to assess if the conditions anticipated in design actually exist.

Our professional services have been performed, our findings derived, and our recommendations prepared in accordance with generally accepted geotechnical engineering principles and practices. This warranty is in lieu of all other warranties either express or implied. This company is not responsible for the conclusions, opinions or recommendations of others based on these data.

APPENDIX

Figure 1 – Site Location Plan

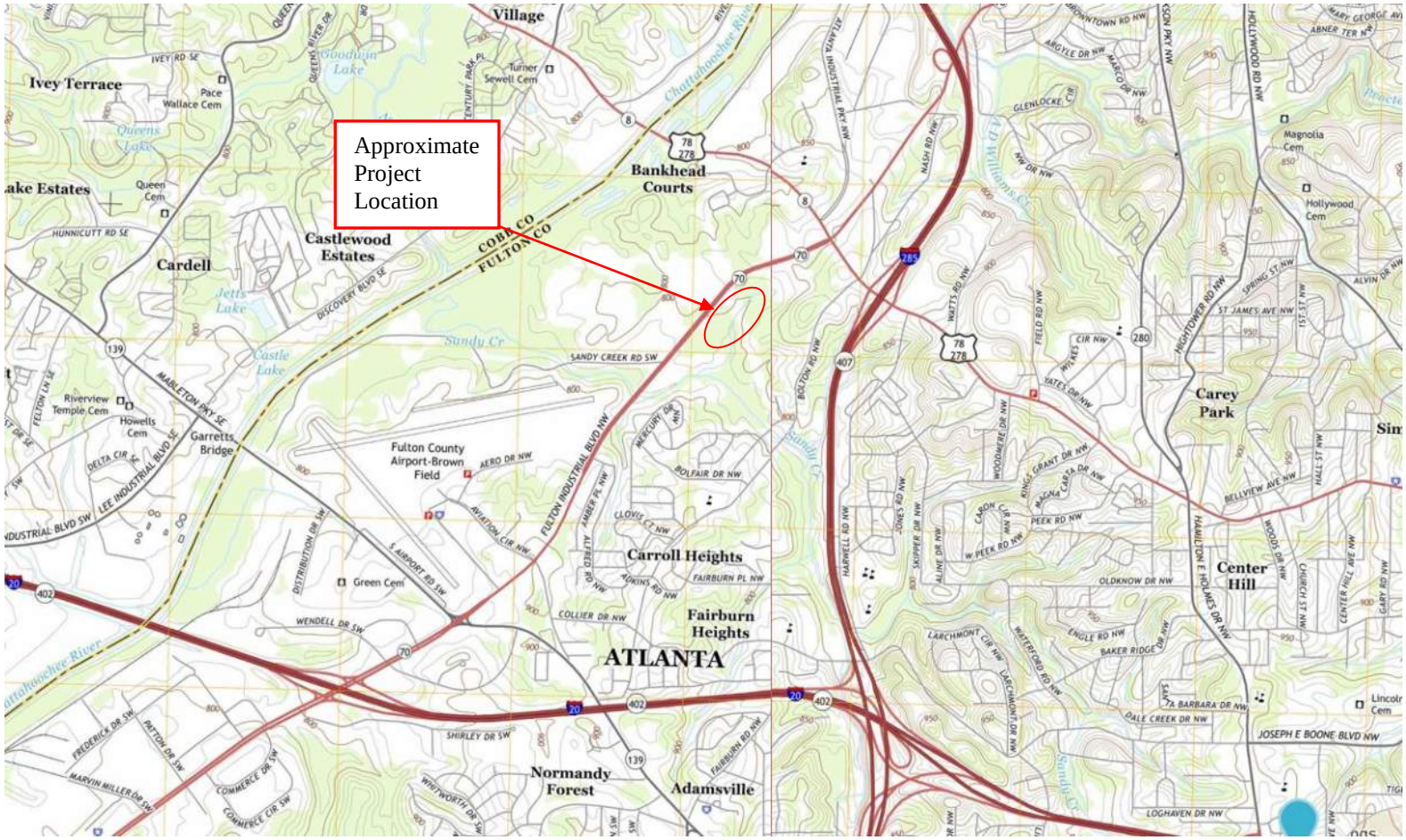
Figure 2 – Boring Location Plan

Field and Laboratory Procedures

Key to Symbols and Descriptions

Soil Test Boring Records

GBA Information about Geotechnical Reports



Source: USGS, 2014 Northwest Atlanta, GA

NOT TO SCALE

Fulton County Animal Services Building Industrial Boulevard Atlanta, Georgia	wood. Wood Environment & Infrastructure Solutions, Inc. 2677 Buford Highway Atlanta, Georgia 30324 (404) 873 4761	**SITE LOCATION MAP**		
		PROJECT: 6162201408	DATE: April 14, 2020	FIGURE 1

Prepared by: KA 04/14/2020
Checked by: PDP 04/14/2020

Fulton County Animal Shelter

Source: PGAL Fulton County Animal Services Building: Approximate Geotechnical Boring Locations (3/19/2020)

● Approximate Boring Location

Fulton County Animal Services Building **Industrial Boulevard** **Atlanta, Georgia**	Wood Environment & Infrastructure Solutions, Inc. 2677 Buford Highway Atlanta, Georgia 30324 (404) 873 4761	**BORING LOCATION PLAN**		
		PROJECT: 6162201408	DATE: April 14, 2020	FIGURE 2

Prepared by: KA 04/14/2020
Checked by: PDP 04/14/2020

FIELD EXPLORATORY PROCEDURES

Field Operations: The general field procedures employed by Wood are summarized in ASTM D 420, which is entitled “Investigating and Sampling Soils and Rocks for Engineering Purposes.” This recommended practice lists recognized methods for determining soil and rock distribution and groundwater conditions. These methods include geophysical and in situ methods as well as borings.

Borings are drilled to obtain subsurface samples using one of several alternate techniques depending upon the subsurface conditions. These techniques are:

a. Continuous 2-1/2 or 3-1/4 inch I.D. hollow stem augers;

b. Wash borings using roller cone or drag bits (mud or water);

c. Continuous flight augers (ASTM D 1425).

These drilling methods are not capable of penetrating through material designated as “refusal materials.” Refusal, thus indicated, may result from hard cemented soil, soft weathered rock, coarse gravel or boulders, thin rock seams, or the upper surface of sound continuous rock. Core drilling procedures are required to determine the character and continuity of refusal materials.

The subsurface conditions encountered during drilling are reported on a field test boring record by the chief driller. The record contains information concerning the boring method, samples attempted and recovered, indications of the presence of various materials such as coarse gravel, cobbles, etc., and observations between samples. Therefore, these boring records contain both factual and interpretive information. The field boring records are on file in our office.

The soil and rock samples and the field boring records are reviewed by a geotechnical engineer. The engineer classifies the soils in general accordance with the procedures outlined in ASTM D 2488 and prepares the final boring records that are the basis for all evaluations and recommendations.

The final boring records represent our interpretation of the contents of the field records based on the results of the engineering examinations and tests of the field samples. These records depict subsurface conditions at the specific locations and at the particular time when drilled. Soil conditions at other locations may differ from conditions occurring at these boring locations. Also, the passage of time may result in a change in the subsurface soil and groundwater conditions at these boring locations. The lines designating the interface between soil or refusal materials on the records and on profiles

represent approximate boundaries. The transition between materials may be gradual. The final boring records are included with this report.

The detailed data collection methods used during this study are discussed on the following pages.

Soil Test Borings: Soil test borings were made at the site at approximate locations shown on the attached Boring Location Plan. Soil sampling and penetration testing were performed in general accordance with ASTM D 1586.

Each boring was made by mechanically twisting a hollow-stem steel auger into the soil. At regular intervals, the drilling tools were removed and soil samples obtained with a standard 1.4-inch I.D., 2-inch O.D., split tube sampler. The sampler was first seated 6 inches to penetrate loose cuttings, then driven an additional foot with blows of a 140-pound hammer falling 30 inches. The number of hammer blows required to drive the sampler the final foot was recorded and is designated the “penetration resistance.” The penetration resistance, when properly evaluated, is an index to the soil strength and foundation supporting capability.

Representative portions of the soil samples, thus obtained, were placed in glass jars and transported to the laboratory. In the laboratory, the samples were examined to evaluate the driller's field classifications. Test boring records are attached which graphically show the soil descriptions and penetration resistances.

Water Level Readings: Water table readings are normally taken in conjunction with borings and are recorded on the “Test Boring Records.” These readings indicate the approximate location of the hydrostatic water table at the time of our field investigation. Where impervious soils are encountered (clayey soils) the amount of water seepage into the boring is small, and it is generally not possible to establish the location of the hydrostatic water table through water level readings. The groundwater table may also depend on the amount of precipitation at the site during a particular period. Fluctuations in the water table should be expected with variations in precipitation, surface run-off, evaporation and other factors.

The time of boring water level reported on the boring records is determined by field crews as the drilling tools are advanced. The time of boring water level is detected by changes in the drilling rate, soil samples obtained, etc. The readings are taken by dropping a weighted line down the boring or using an electrical probe to detect the water level surface.

Rock Coring: Core drilling procedures were utilized to determine the character and continuity of materials below the soil drilling refusal level. The core drilling procedure is performed in general accordance with ASTM designation D-2113-70. Initially, casing is set though the overburden soils to keep the hole from collapsing. Refusal materials are then cored with a diamond-studded bit fastened to the end of a hollow double-tube core barrel. This device is rotated at high speeds and is capable of cutting the hardest rock. The cuttings are brought to the surface by circulating water. Rock core samples of the materials penetrated are protected and retained in a swivel-mounted inner tube. Upon completion of the drill run, the core barrel is brought to the surface and the samples are removed and placed in core boxes. The samples are then returned to our laboratory where the rock is identified and the "recovery" and "rock quality designation" (RQD) are determined.

Rock Hardness descriptions are listed below:

Rock Hardness Descriptions

Very Hard	Rock core rings and can be made to spark when struck with a hammer
Hard	Rock core rings when struck with a hammer
Moderately Hard	Thin edges of rock core cannot be broken with fingers
Soft	Thin edges of rock core can be broken with fingers
Very Soft	Rock core crumbles when handled

The "recovery" is the ratio of the sample length to the length drilled, expressed as a percent. The "rock quality designation" (RQD) is the percent of recovered rock sample in segments four or more inches long compared to the total length of the run. This designation is generally applied only to samples of NX size or larger and to samples described as moderately hard or harder. The percent recovery and RQD are related to rock soundness and continuity. The NX size designates a bit which obtains core samples 2-1/8 inches in diameter.

MAJOR DIVISIONS			GROUP SYMBOLS	TYPICAL NAMES
COARSE GRAINED SOILS (More than 50% of material is LARGER than No. 200 sieve size)	GRAVELS (More than 50% of coarse fraction is LARGER than the No. 4 sieve size)	CLEAN GRAVELS (Little or no fines)	GW	Well graded gravels, gravel - sand mixtures, little or no fines.
			GP	Poorly graded gravels or grave - sand mixtures, little or no fines.
		GRAVELS WITH FINES (Appreciable amount of fines)	GM	Silty gravels, gravel - sand - silt mixtures.
			GC	Clayey gravels, gravel - sand - clay mixtures.
	SANDS (More than 50% of coarse fraction is SMALLER than the No. 4 Sieve Size)	CLEAN SANDS (Little or no fines)	SW	Well graded sands, gravelly sands, little or no fines.
			SP	Poorly graded sands or gravelly sands, little or no fines.
		SANDS WITH FINES (Appreciable amount of fines)	SM	Silty sands, sand - silt mixtures
			SC	Clayey sands, sand - clay mixtures.
FINE GRAINED SOILS (More than 50% of material is SMALLER than No. 200 sieve size)	SILTS AND CLAYS (Liquid limit LESS than 50)		ML	Inorganic silts and very fine sands, rock flour, silty of clayey fine sands or clayey silts and with slight plasticity.
			CL	Inorganic lays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.
			OL	Organic silts and organic silty clays of low plasticity.
	SILTS AND CLAYS (Liquid limit GREATER than 50)		MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts.
			CH	Inorganic clays of high plasticity, fat clays
			OH	Organic clays of medium to high plasticity, organic silts.
HIGHLY ORGANIC SOILS			PT	Peat and other highly organic soils.
FILL				Fill

	Undisturbed Sample		Auger Cuttings
	Standard Penetration Test or Dynamic Cone Penetration Test		Bulk Sample
	Rock Core		Crandall Sampler
	Dilatometer		Pressure Meter
	Packer		No Recovery
	Water Table at time of boring		Water Table after 24 hours

Correlation of Standard Penetration Resistance with Relative Density and Consistency

SAND & GRAVEL		SILT & CLAY	
No. of Blows	Relative Density	No. of Blows	Consistency
0 - 4	Very Loose	0 - 2	Very Soft
5 - 10	Loose	3 - 4	Soft
11 - 30	Medium Dense	5 - 8	Firm
31 - 50	Dense	9 - 15	Stiff
Over 50	Very Dense	16 - 30	Very Stiff
		31 - 50	Hard
		Over 50	Very Hard

Correlation of Dynamic Cone Penetration Resistance with Relative Density and Consistency (Piedmont Residual Soils)

SAND & GRAVEL		SILT & CLAY	
No. of Blows	Relative Density	No. of Blows	Consistency
0 - 4	Very Loose	0 - 2	Very Soft
5 - 15	Loose	3 - 4	Soft
16 - 30	Medium Dense	5 - 10	Firm
		11 - 30	Stiff

BOUNDARY CLASSIFICATIONS: Soils possessing characteristics of two groups are designated by combinations of group symbols.

SILT OR CLAY	SAND			GRAVEL		Cobbles	Boulders
	Fine	Medium	Coarse	Fine	Coarse		

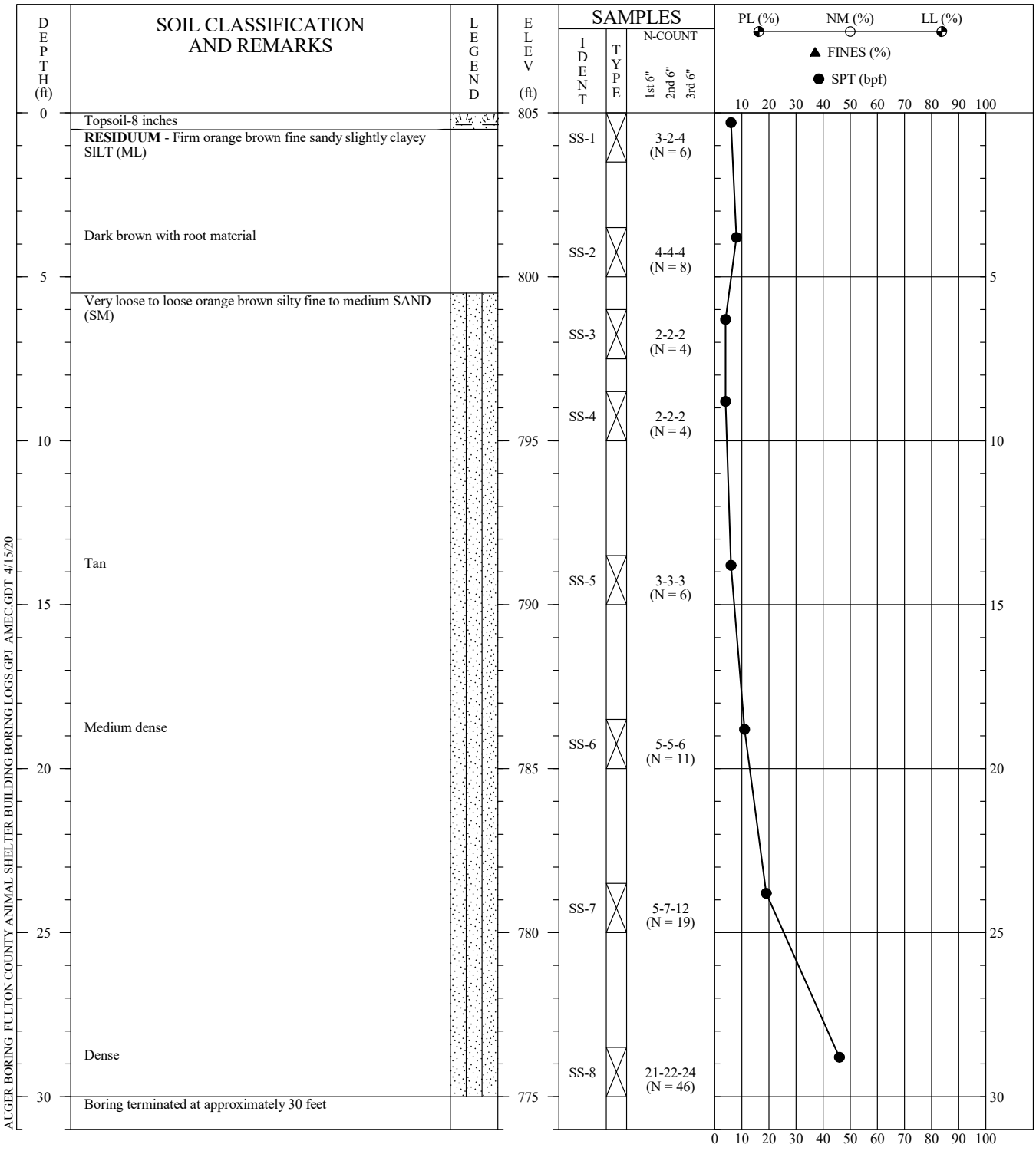
No.200 No.40 No.10 No.4 3/4" 3" 12"

U.S. STANDARD SIEVE SIZE

Reference: The Unified Soil Classification System, Corps of Engineers, U.S. Army Technical Memorandum No. 3-357, Vol. 1, March, 1953 (Revised April, 1960)

KEY TO SYMBOLS AND DESCRIPTIONS

wood.



DRILLER:	Premier Drilling
EQUIPMENT:	CME-75 (Auto-Hammer)
METHOD:	2 1/4" HSA
HOLE DIA.:	6 inches
REMARKS:	No GW encountered during drilling

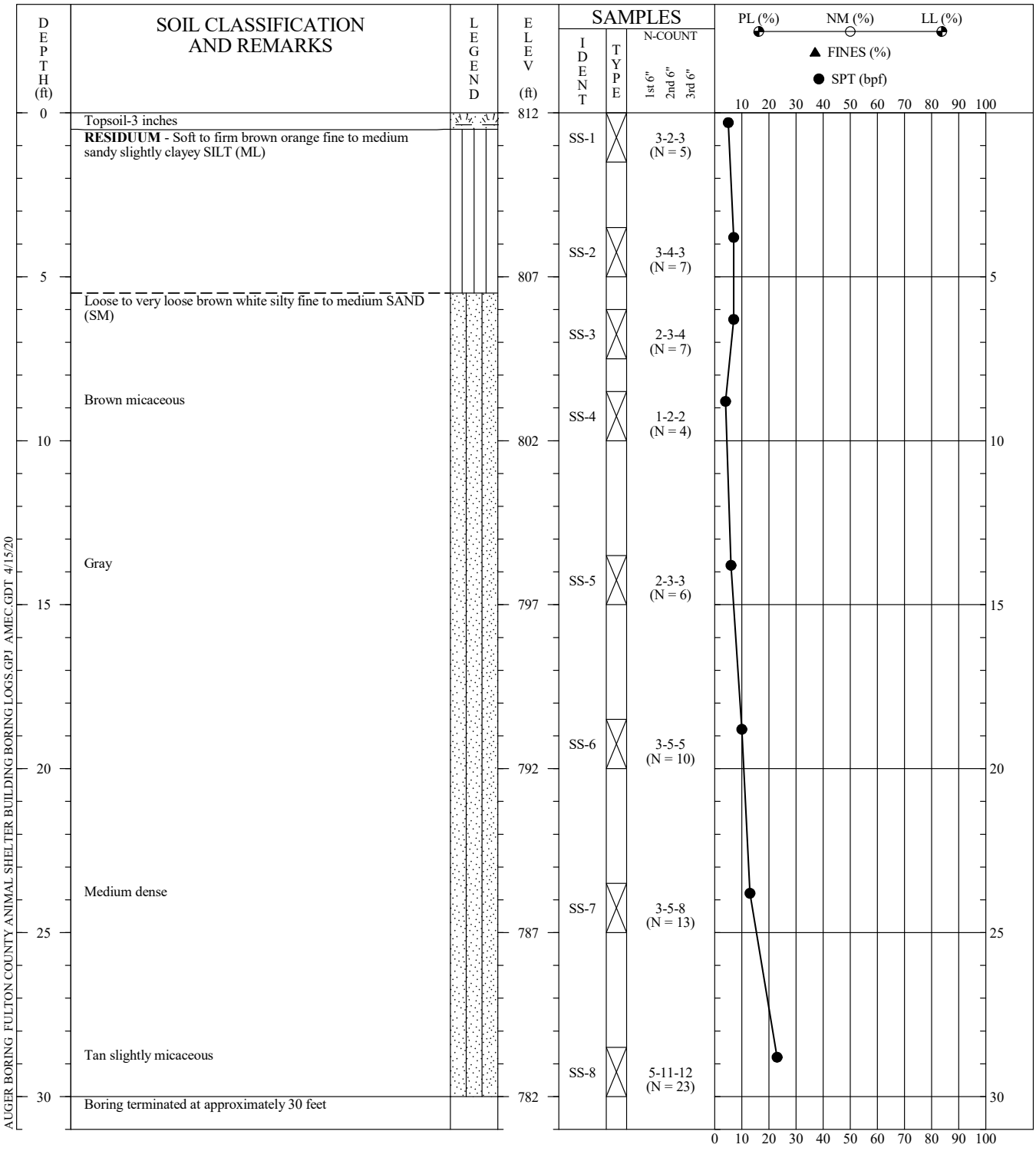
THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER.

AUGER BORING RECORD

BORING NO.:	B-1
PROJECT:	Fulton County Animal Services Building
LOCATION:	Atlanta, Georgia
DRILLED:	March 30, 2020
PROJECT NO.:	6162201408

PAGE 1 **OF** 1

wood.



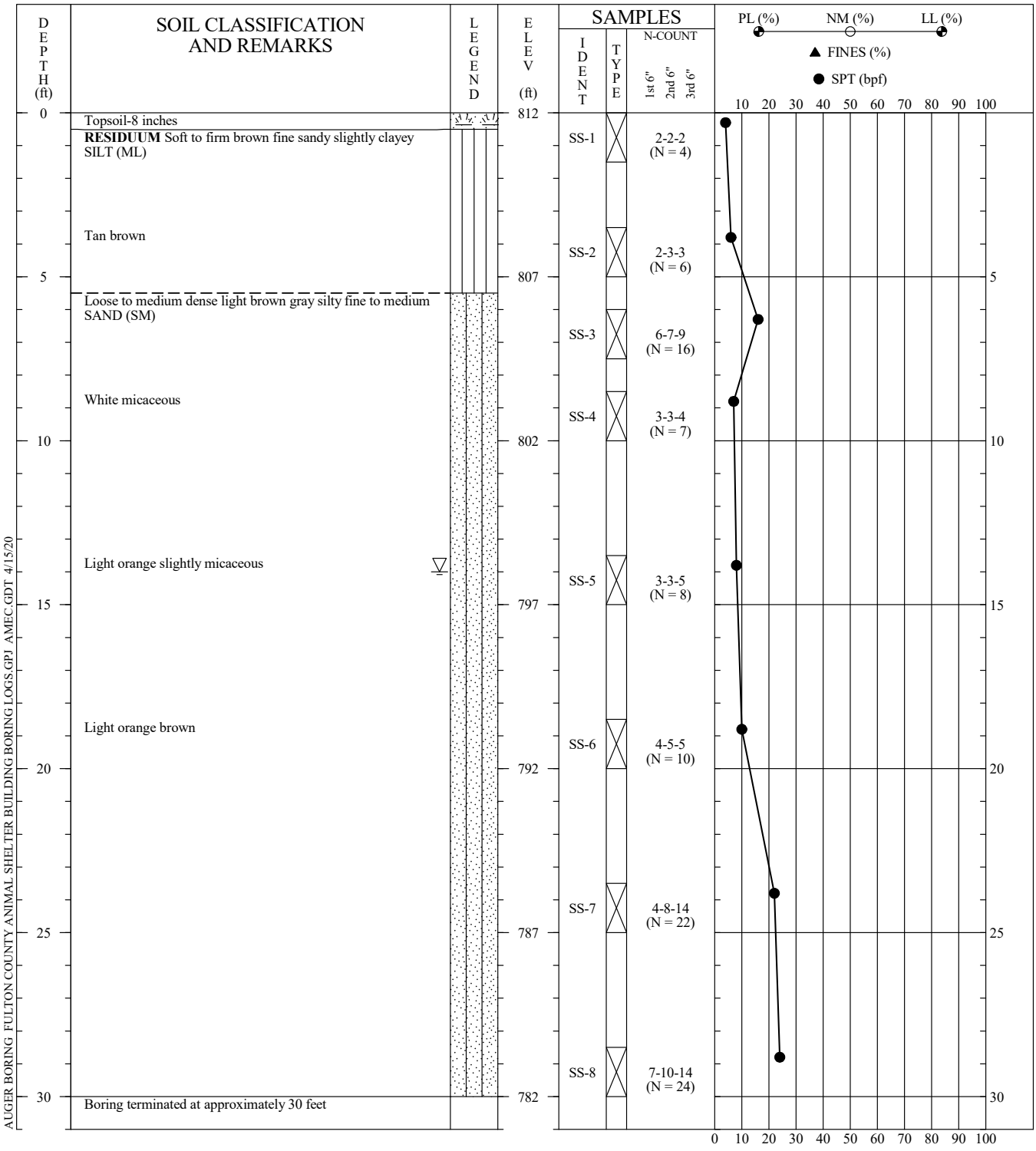
DRILLER:	Premier Drilling
EQUIPMENT:	CME-75 (Auto-Hammer)
METHOD:	2 1/4" HSA
HOLE DIA.:	6 inches
REMARKS:	No GW encountered during drilling

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER.

AUGER BORING RECORD

BORING NO.: B-2
PROJECT: Fulton County Animal Services Building
LOCATION: Atlanta, Georgia
DRILLED: March 30, 2020
PROJECT NO.: 6162201408 **PAGE** 1 **OF** 1

wood.



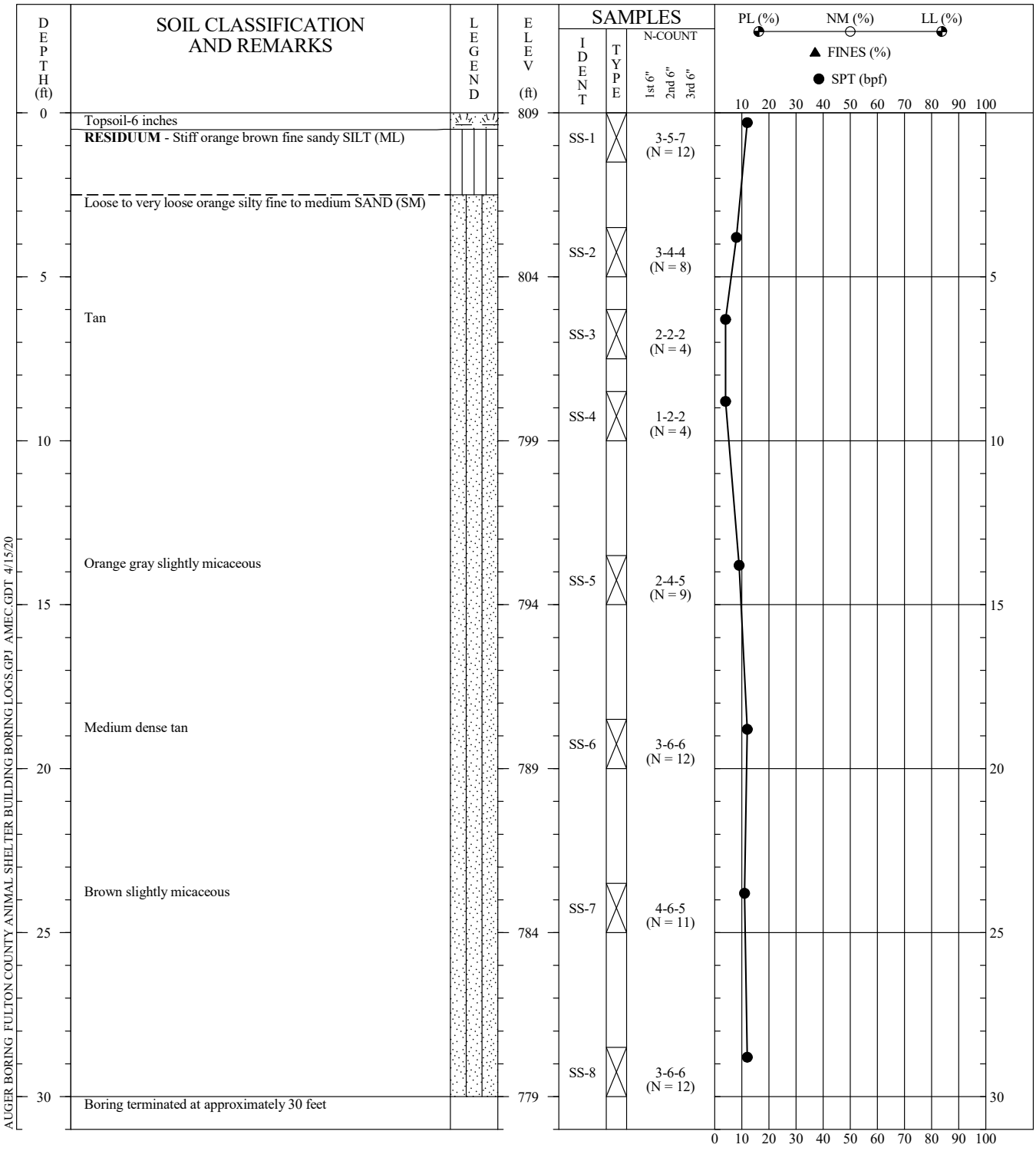
DRILLER:	Premier Drilling
EQUIPMENT:	CME-75 (Auto-Hammer)
METHOD:	2 1/4" HSA
HOLE DIA.:	6 inches
REMARKS:	GW encountered at 14 feet at time of drilling

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER.

AUGER BORING RECORD

BORING NO.: B-3
PROJECT: Fulton County Animal Services Building
LOCATION: Atlanta, Georgia
DRILLED: March 30, 2020
PROJECT NO.: 6162201408 **PAGE** 1 **OF** 1

wood.



DRILLER:	Premier Drilling
EQUIPMENT:	CME-75 (Auto-Hammer)
METHOD:	2 1/4" HSA
HOLE DIA.:	6 inches
REMARKS:	No GW encountered during drilling

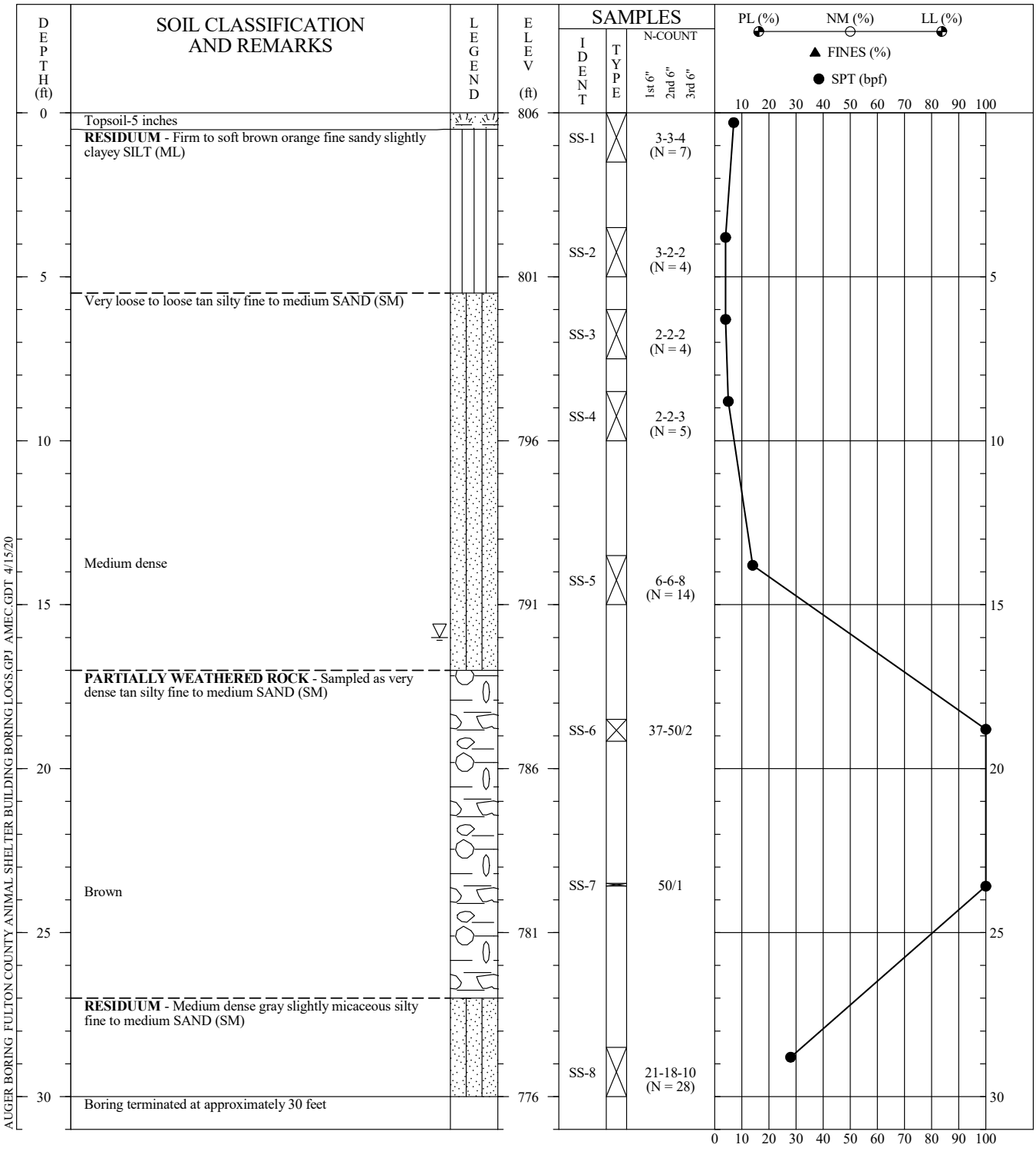
THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER.

AUGER BORING RECORD

BORING NO.:	B-4
PROJECT:	Fulton County Animal Services Building
LOCATION:	Atlanta, Georgia
DRILLED:	March 30, 2020
PROJECT NO.:	6162201408

PAGE 1 **OF** 1

wood.



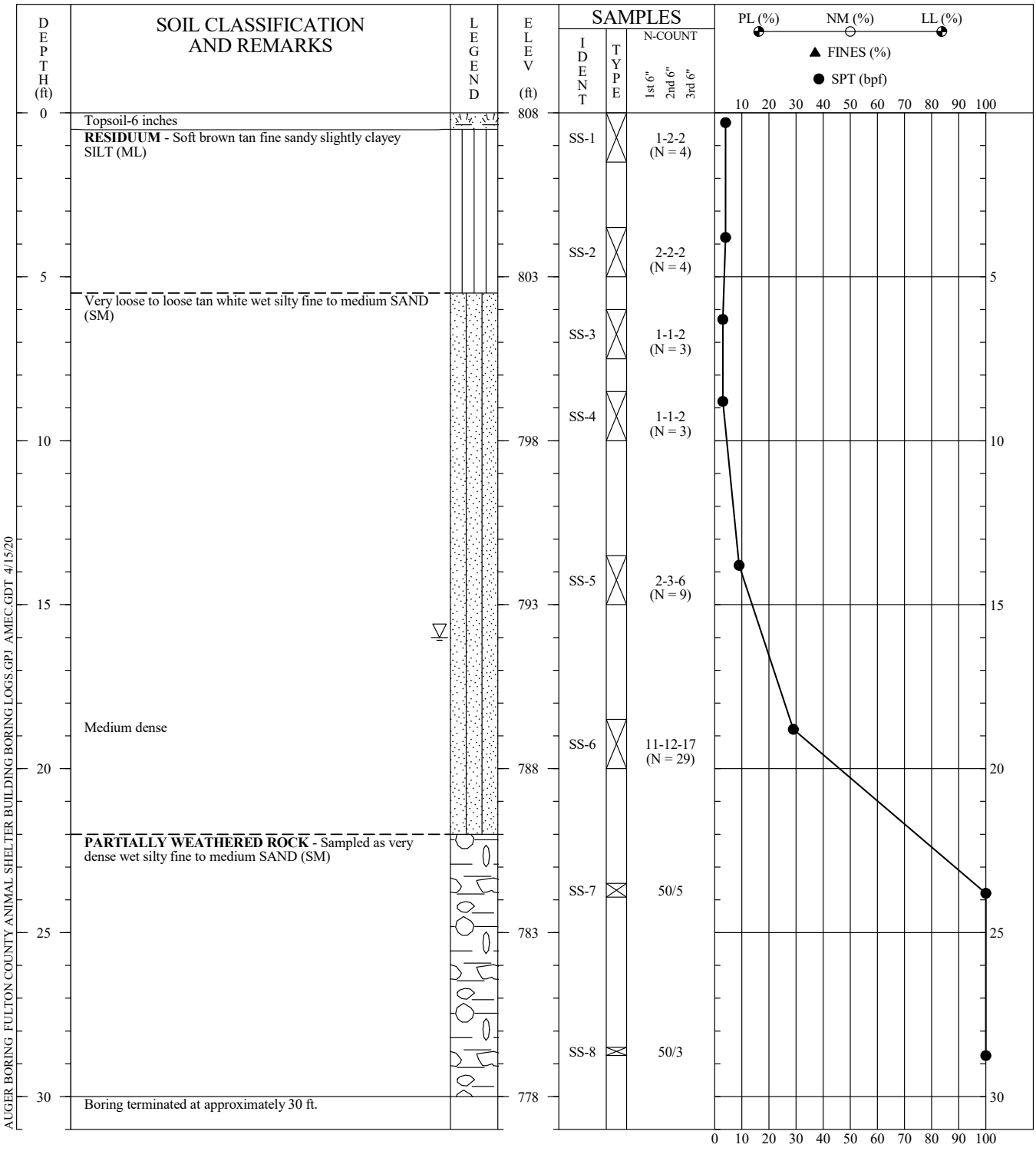
DRILLER:	Premier Drilling
EQUIPMENT:	CME-75 (Auto-Hammer)
METHOD:	2 1/4" HSA
HOLE DIA.:	6 inches
REMARKS:	GW encountered at 16 feet at time of drilling

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER.

AUGER BORING RECORD

BORING NO.: B-5
PROJECT: Fulton County Animal Services Building
LOCATION: Atlanta, Georgia
DRILLED: March 30, 2020
PROJECT NO.: 6162201408 **PAGE** 1 **OF** 1

wood.



DRILLER:	Premier Drilling
EQUIPMENT:	CME-75 (Auto-Hammer)
METHOD:	2 1/4" HSA
HOLE DIA.:	6 inches
REMARKS:	GW encountered at 16 feet at time of drilling

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER.

AUGER BORING RECORD

BORING NO.:	B-6
PROJECT:	Fulton County Animal Services Building
LOCATION:	Atlanta, Georgia
DRILLED:	March 30, 2020
PROJECT NO.:	6162201408

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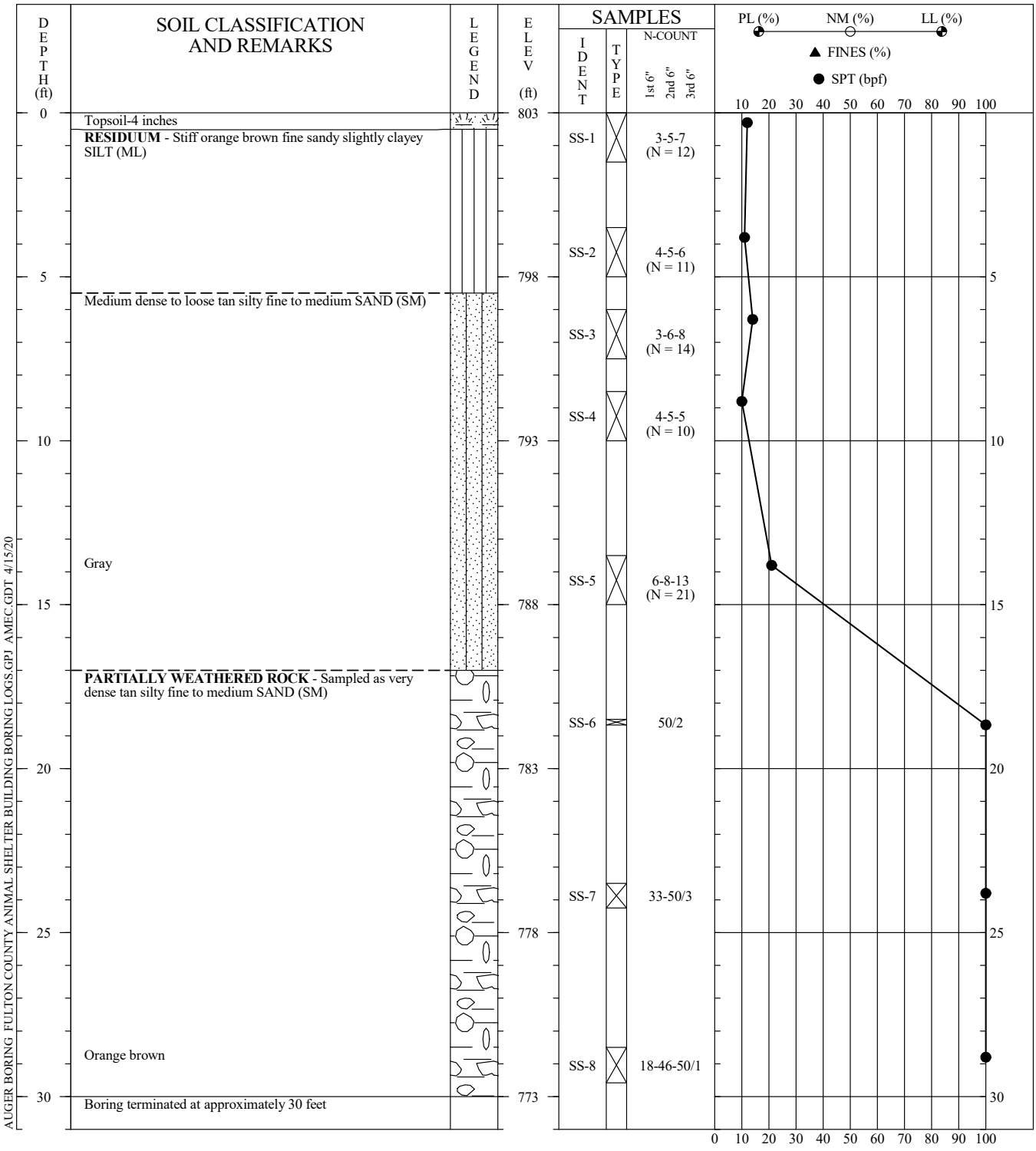
wood.



DRILLER:	Premier Drilling
EQUIPMENT:	CME-75 (Auto-Hammer)
METHOD:	2 1/4" HSA
HOLE DIA.:	6 inches
REMARKS:	No GW encountered during drilling

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER.

AUGER BORING RECORD

BORING NO.:	B-7
PROJECT:	Fulton County Animal Services Building
LOCATION:	Atlanta, Georgia
DRILLED:	March 30, 2020
PROJECT NO.:	6162201408

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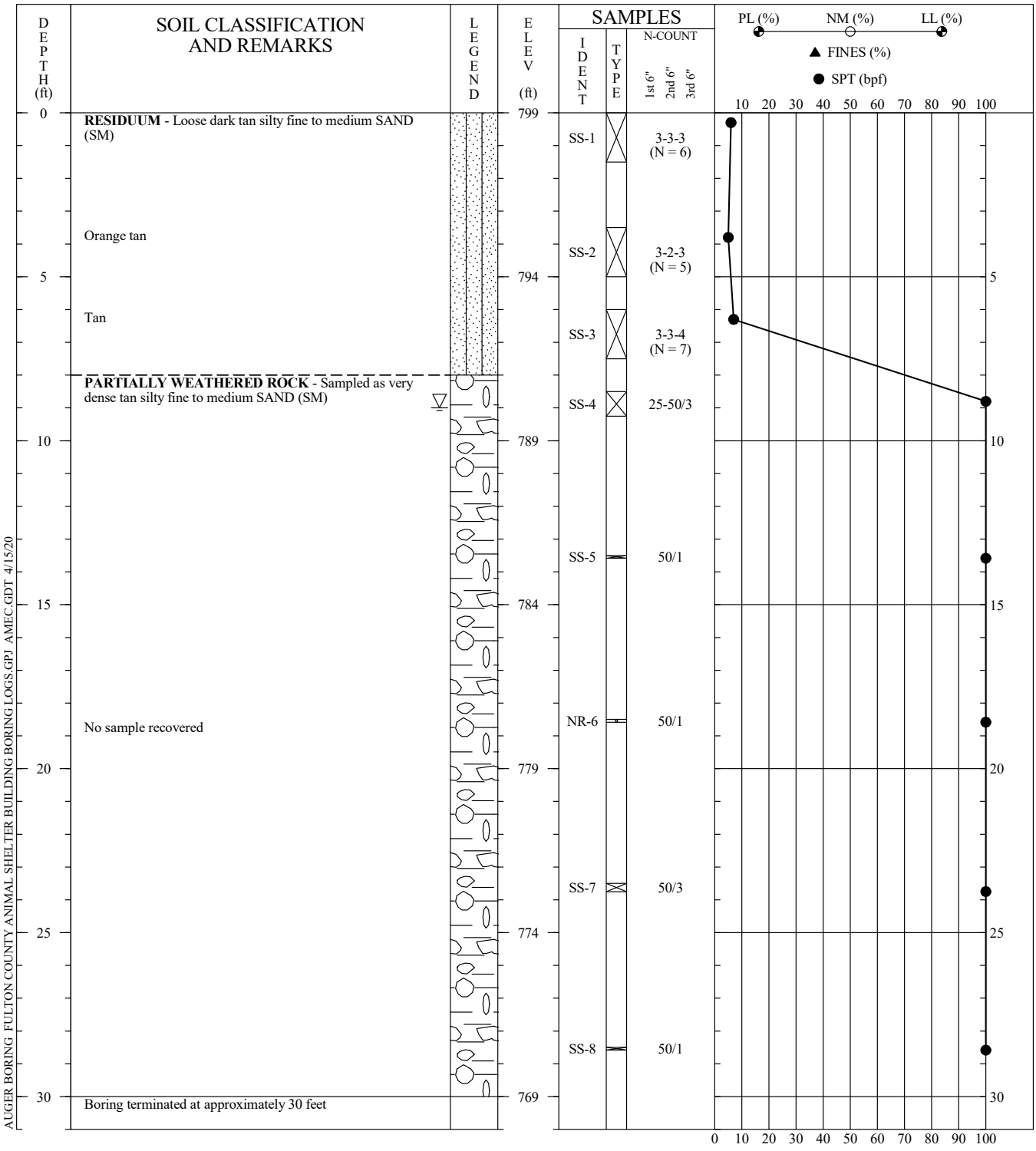
wood.



DRILLER:	Premier Drilling
EQUIPMENT:	CME-75 (Auto-Hammer)
METHOD:	2 1/4" HSA
HOLE DIA.:	6 inches
REMARKS:	GW encountered at 9 feet at time of drilling

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER.

AUGER BORING RECORD

BORING NO.:	B-8
PROJECT:	Fulton County Animal Services Building
LOCATION:	Atlanta, Georgia
DRILLED:	March 30, 2020
PROJECT NO.:	6162201408

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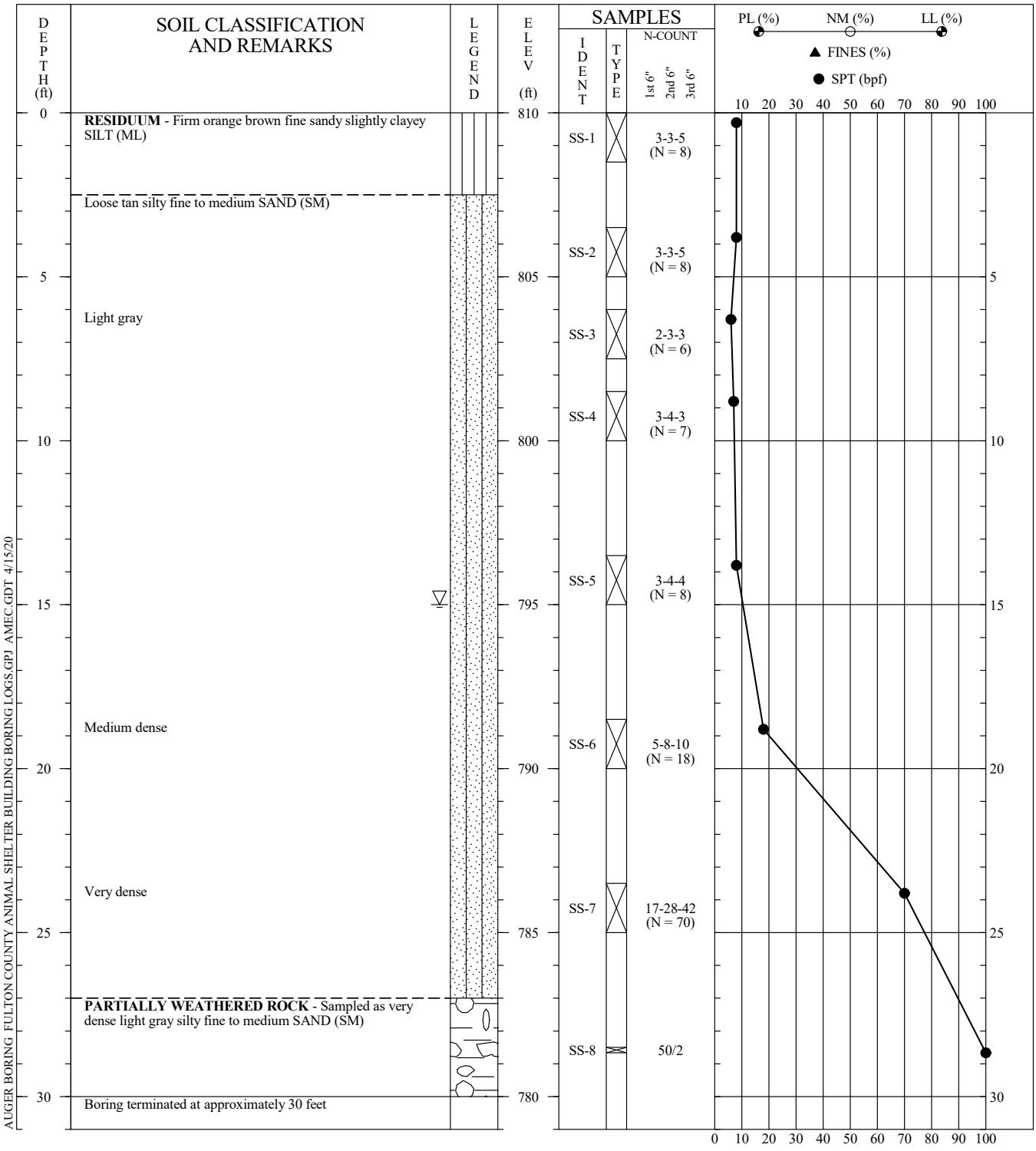
wood.



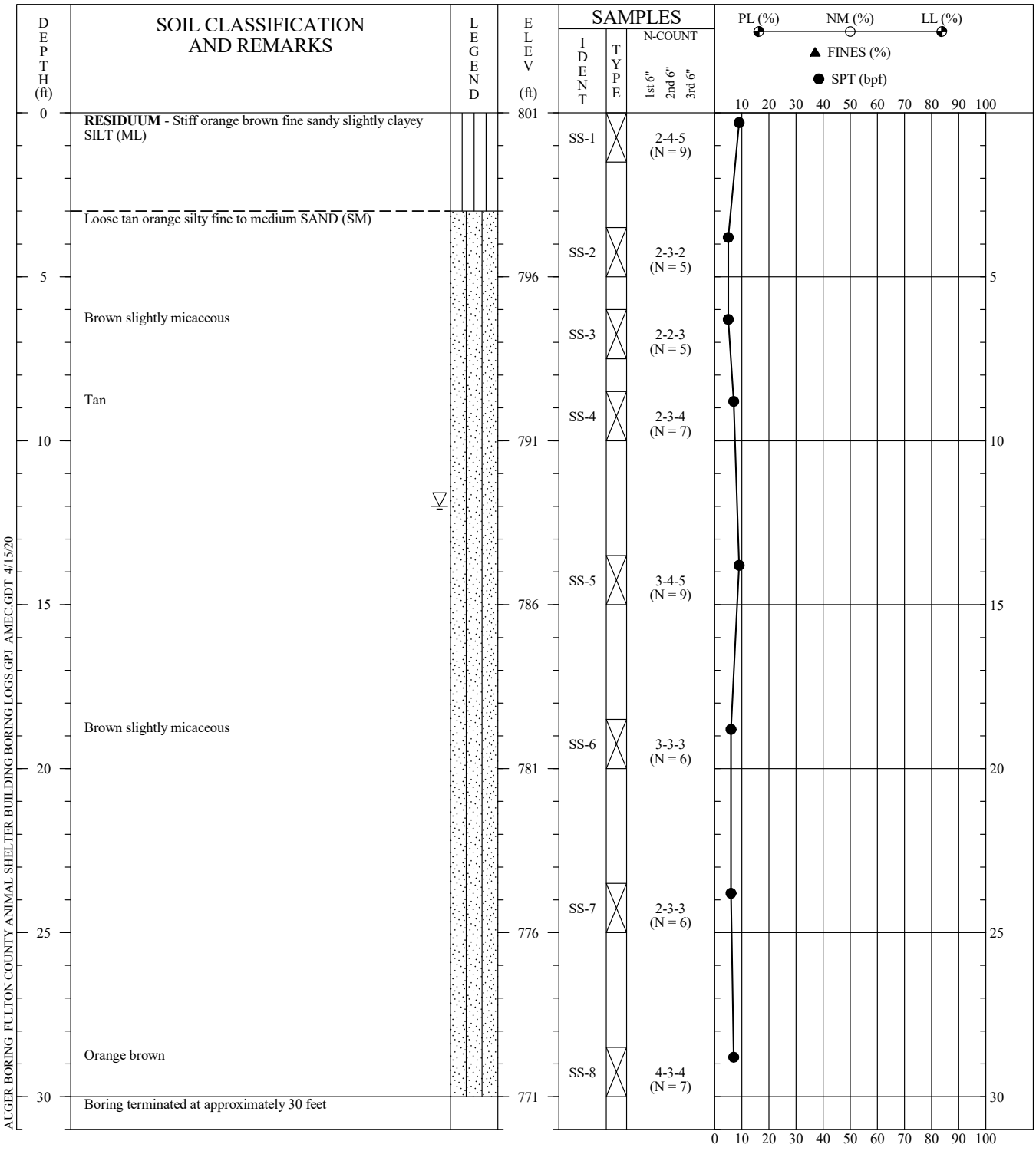
DRILLER:	Premier Drilling
EQUIPMENT:	CME-75 (Auto-Hammer)
METHOD:	2 1/4" HSA
HOLE DIA.:	6 inches
REMARKS:	GW encountered at 15 feet at time of drilling

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER.

AUGER BORING RECORD

BORING NO.: B-9
PROJECT: Fulton County Animal Services Building
LOCATION: Atlanta, Georgia
DRILLED: March 30, 2020
PROJECT NO.: 6162201408 **PAGE** 1 **OF** 1

wood.



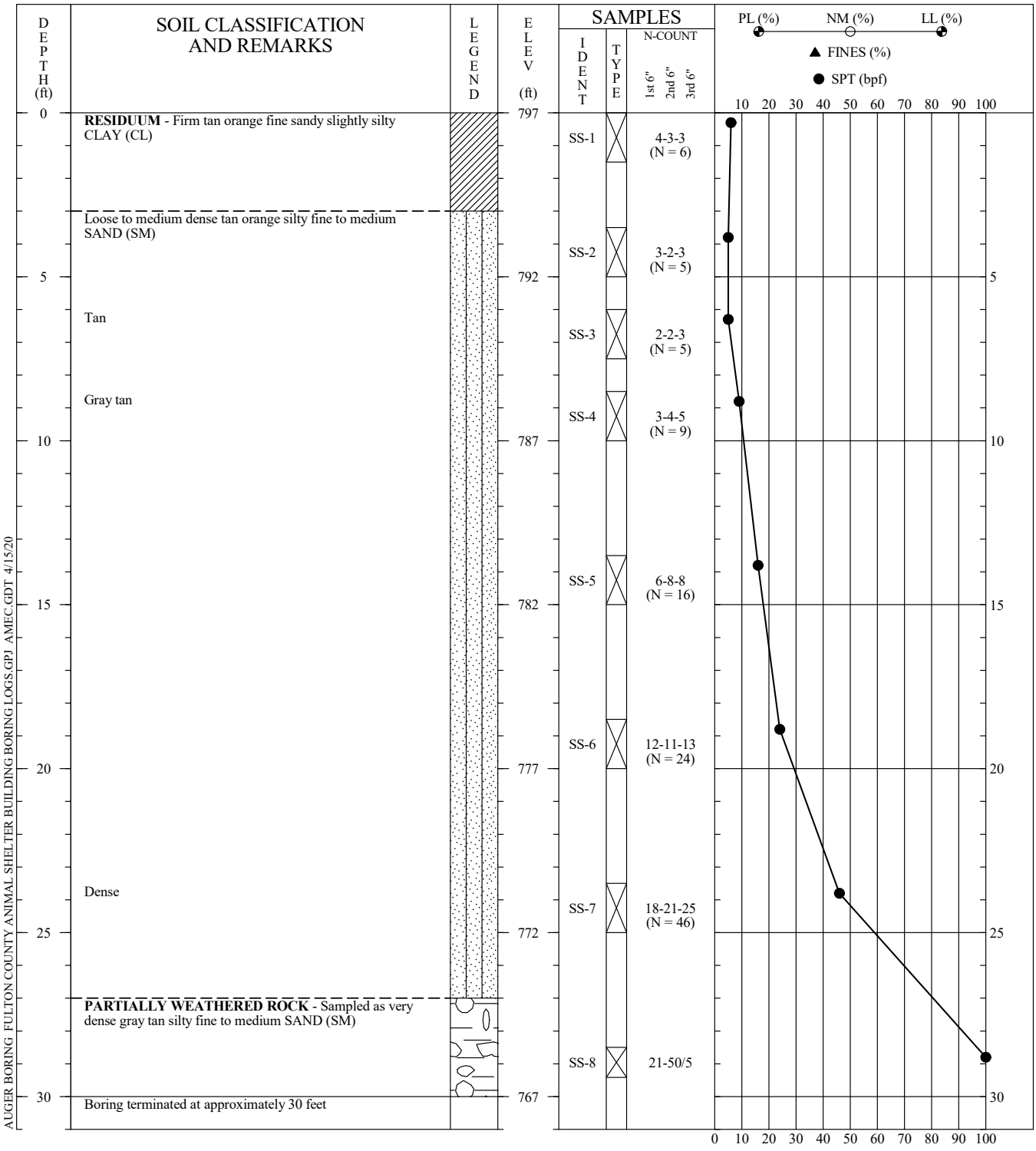
DRILLER:	Premier Drilling
EQUIPMENT:	CME-75 (Auto-Hammer)
METHOD:	2 1/4" HSA
HOLE DIA.:	6 inches
REMARKS:	GW encountered at 12 feet during drilling

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER.

AUGER BORING RECORD

BORING NO.: B-10
PROJECT: Fulton County Animal Services Building
LOCATION: Atlanta, Georgia
DRILLED: March 30, 2020
PROJECT NO.: 6162201408 **PAGE** 1 **OF** 1

wood.



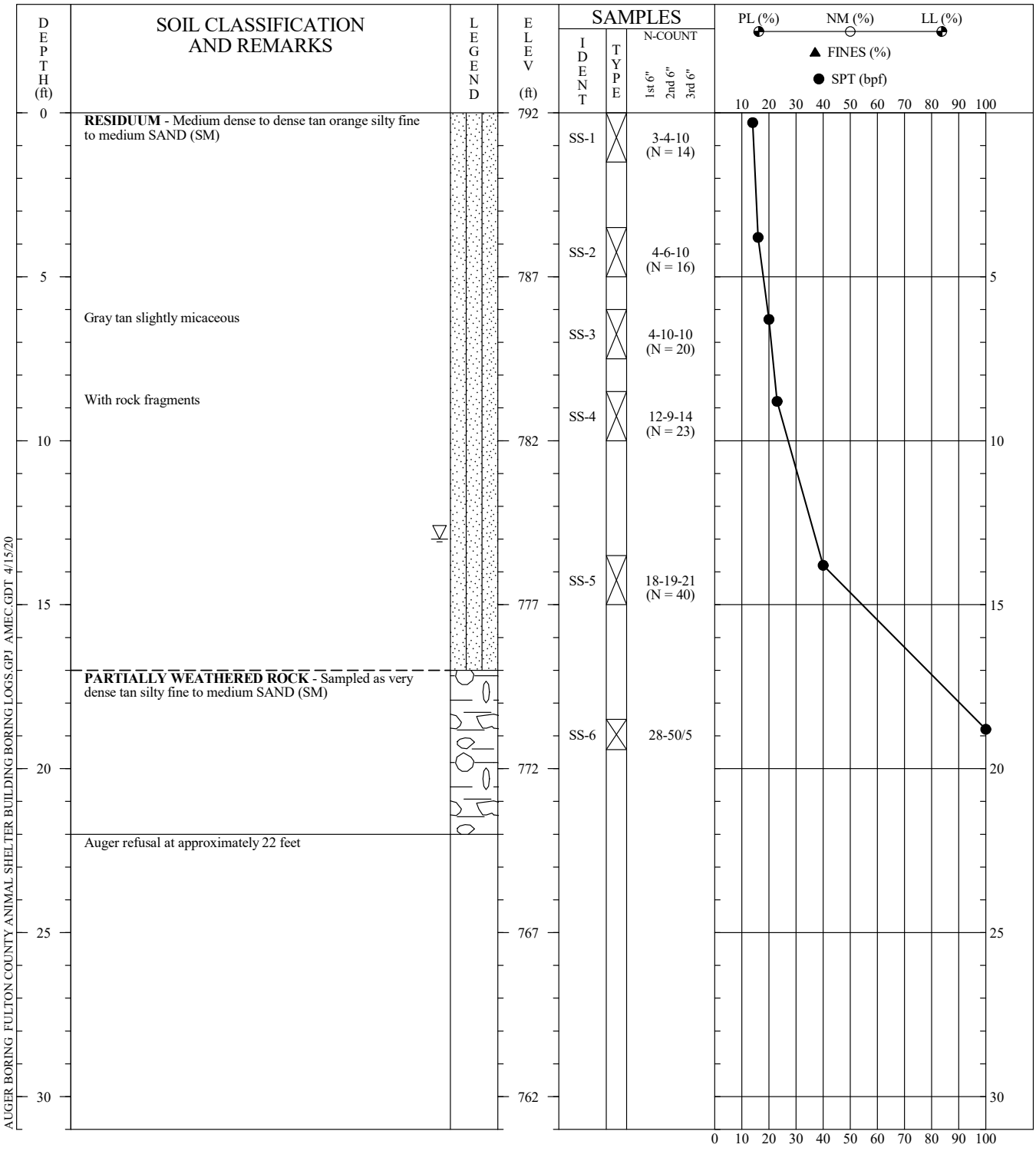
DRILLER:	Premier Drilling
EQUIPMENT:	CME-75 (Auto-Hammer)
METHOD:	2 1/4" HSA
HOLE DIA.:	6 inches
REMARKS:	No GW encountered during drilling

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER.

AUGER BORING RECORD

BORING NO.: B-11
PROJECT: Fulton County Animal Services Building
LOCATION: Atlanta, Georgia
DRILLED: March 30, 2020
PROJECT NO.: 6162201408 **PAGE** 1 **OF** 1

wood.



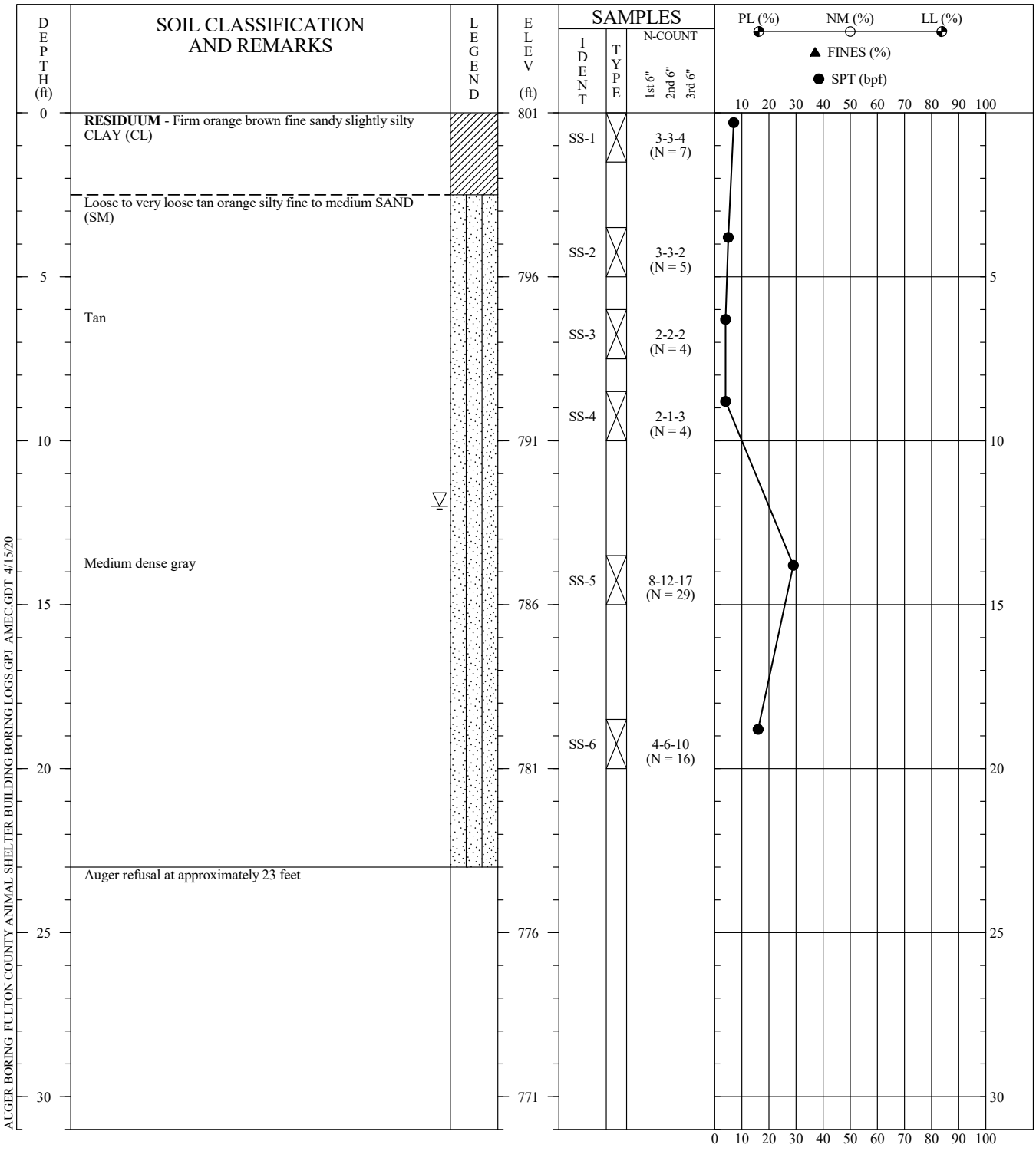
DRILLER:	Premier Drilling
EQUIPMENT:	CME-75 (Auto-Hammer)
METHOD:	2 1/4" HSA
HOLE DIA.:	6 inches
REMARKS:	GW encountered at 13 feet during drilling

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER.

AUGER BORING RECORD

BORING NO.: B-12
PROJECT: Fulton County Animal Services Building
LOCATION: Atlanta, Georgia
DRILLED: March 30, 2020
PROJECT NO.: 6162201408 **PAGE** 1 **OF** 1

wood.



DRILLER:	Premier Drilling
EQUIPMENT:	CME-75 (Auto-Hammer)
METHOD:	2 1/4" HSA
HOLE DIA.:	6 inches
REMARKS:	GW encountered at 12 feet during drilling

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER.

AUGER BORING RECORD

BORING NO.:	B-13
PROJECT:	Fulton County Animal Services Building
LOCATION:	Atlanta, Georgia
DRILLED:	March 30, 2020
PROJECT NO.:	6162201408

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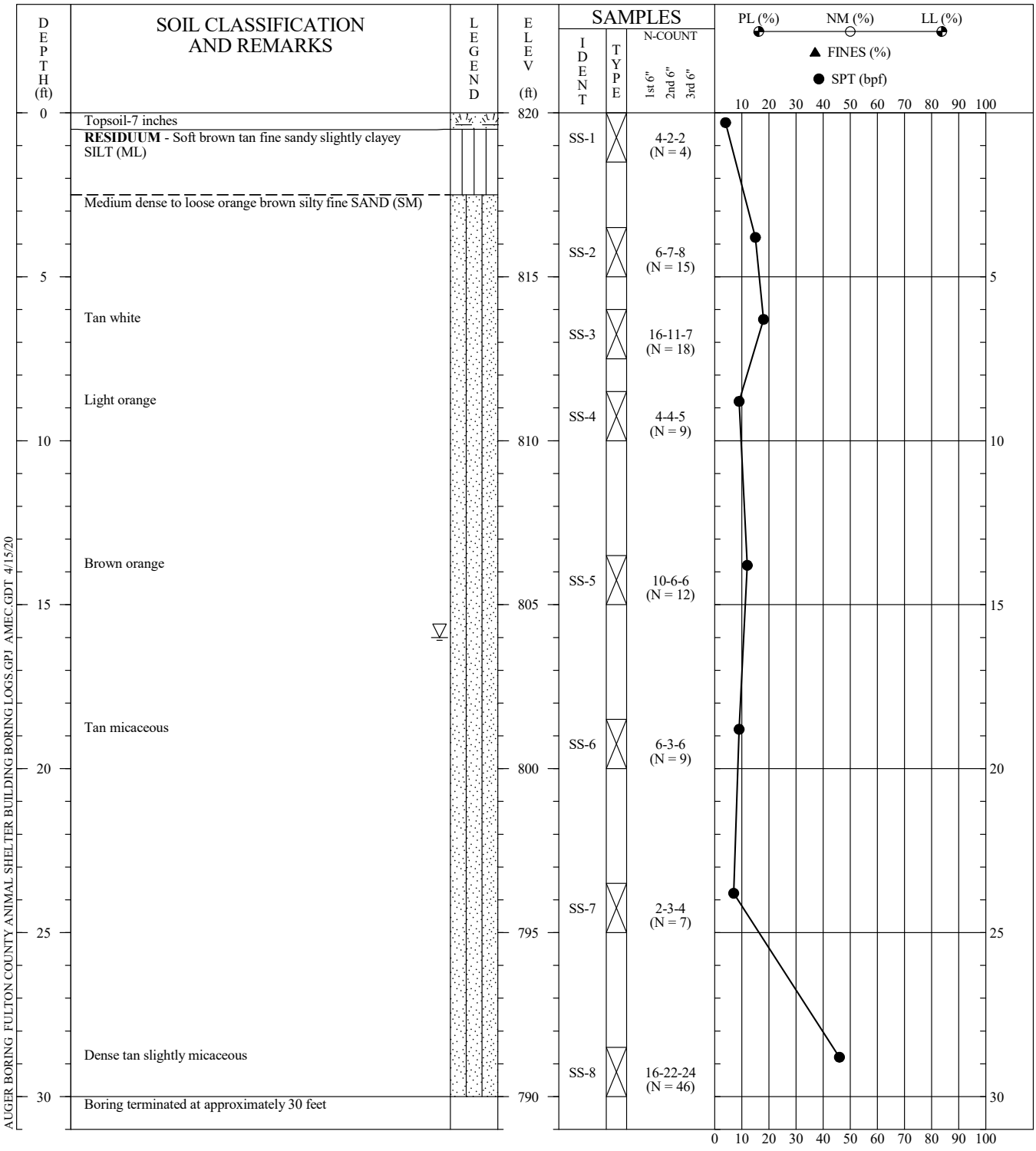
wood.



DRILLER:	Premier Drilling
EQUIPMENT:	CME-75 (Auto-Hammer)
METHOD:	2 1/4" HSA
HOLE DIA.:	6 inches
REMARKS:	GW encountered at 16 feet during drilling

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER.

AUGER BORING RECORD

BORING NO.:	B-14
PROJECT:	Fulton County Animal Services Building
LOCATION:	Atlanta, Georgia
DRILLED:	March 30, 2020
PROJECT NO.:	6162201408

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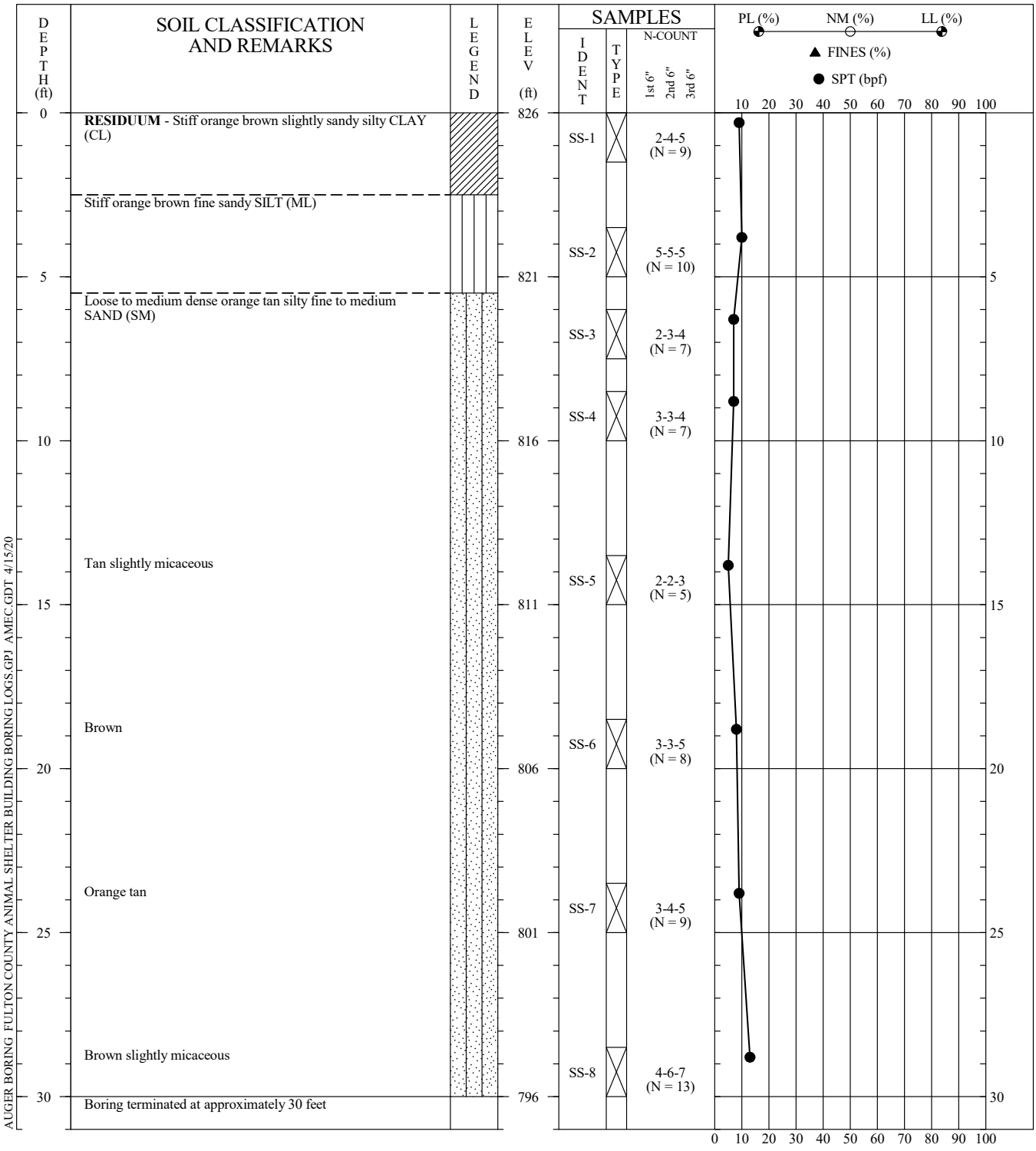
wood.



DRILLER:	Premier Drilling
EQUIPMENT:	CME-75 (Auto-Hammer)
METHOD:	2 1/4" HSA
HOLE DIA.:	6 inches
REMARKS:	No GW encountered during drilling

THIS RECORD IS A REASONABLE INTERPRETATION OF SUBSURFACE CONDITIONS AT THE EXPLORATION LOCATION. SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND AT OTHER TIMES MAY DIFFER.

AUGER BORING RECORD

BORING NO.:	B-15
PROJECT:	Fulton County Animal Services Building
LOCATION:	Atlanta, Georgia
DRILLED:	March 30, 2020
PROJECT NO.:	6162201408

PAGE 1 **OF** 1

wood.

Important Information about This

Geotechnical-Engineering Report

Subsurface problems are a principal cause of construction delays, cost overruns, claims, and disputes.

While you cannot eliminate all such risks, you can manage them. The following information is provided to help.

The Geoprofessional Business Association (GBA) has prepared this advisory to help you – assumedly a client representative – interpret and apply this geotechnical-engineering report as effectively as possible. In that way, clients can benefit from a lowered exposure to the subsurface problems that, for decades, have been a principal cause of construction delays, cost overruns, claims, and disputes. If you have questions or want more information about any of the issues discussed below, contact your GBA-member geotechnical engineer. Active involvement in the Geoprofessional Business Association exposes geotechnical engineers to a wide array of risk-confrontation techniques that can be of genuine benefit for everyone involved with a construction project.

Geotechnical-Engineering Services Are Performed for Specific Purposes, Persons, and Projects

Geotechnical engineers structure their services to meet the specific needs of their clients. A geotechnical-engineering study conducted for a given civil engineer will not likely meet the needs of a civil-works constructor or even a different civil engineer. Because each geotechnical-engineering study is unique, each geotechnical-engineering report is unique, prepared *solely* for the client. *Those who rely on a geotechnical-engineering report prepared for a different client can be seriously misled*. No one except authorized client representatives should rely on this geotechnical-engineering report without first conferring with the geotechnical engineer who prepared it. *And no one – not even you – should apply this report for any purpose or project except the one originally contemplated.*

Read this Report in Full

Costly problems have occurred because those relying on a geotechnical-engineering report did not read it *in its entirety*. Do not rely on an executive summary. Do not read selected elements only. *Read this report in full.*

You Need to Inform Your Geotechnical Engineer about Change

Your geotechnical engineer considered unique, project-specific factors when designing the study behind this report and developing the confirmation-dependent recommendations the report conveys. A few typical factors include:

- the client's goals, objectives, budget, schedule, and risk-management preferences;
- the general nature of the structure involved, its size, configuration, and performance criteria;
- the structure's location and orientation on the site; and
- other planned or existing site improvements, such as retaining walls, access roads, parking lots, and underground utilities.

Typical changes that could erode the reliability of this report include those that affect:

- the site's size or shape;
- the function of the proposed structure, as when it's changed from a parking garage to an office building, or from a light-industrial plant to a refrigerated warehouse;
- the elevation, configuration, location, orientation, or weight of the proposed structure;
- the composition of the design team; or
- project ownership.

As a general rule, *always* inform your geotechnical engineer of project changes – even minor ones – and request an assessment of their impact. *The geotechnical engineer who prepared this report cannot accept responsibility or liability for problems that arise because the geotechnical engineer was not informed about developments the engineer otherwise would have considered.*

This Report May Not Be Reliable

Do not rely on this report if your geotechnical engineer prepared it:

- for a different client;
- for a different project;
- for a different site (that may or may not include all or a portion of the original site); or
- before important events occurred at the site or adjacent to it; e.g., man-made events like construction or environmental remediation, or natural events like floods, droughts, earthquakes, or groundwater fluctuations.

Note, too, that it could be unwise to rely on a geotechnical-engineering report whose reliability may have been affected by the passage of time, because of factors like changed subsurface conditions; new or modified codes, standards, or regulations; or new techniques or tools. *If your geotechnical engineer has not indicated an "apply-by" date on the report, ask what it should be*, and, in general, *if you are the least bit uncertain* about the continued reliability of this report, contact your geotechnical engineer before applying it. A minor amount of additional testing or analysis – if any is required at all – could prevent major problems.

Most of the "Findings" Related in This Report Are Professional Opinions

Before construction begins, geotechnical engineers explore a site's subsurface through various sampling and testing procedures. *Geotechnical engineers can observe actual subsurface conditions only at those specific locations where sampling and testing were performed*. The data derived from that sampling and testing were reviewed by your geotechnical engineer, who then applied professional judgment to form opinions about subsurface conditions throughout the site. Actual sitewide-subsurface conditions may differ – maybe significantly – from those indicated in this report. Confront that risk by retaining your geotechnical engineer to serve on the design team from project start to project finish, so the individual can provide informed guidance quickly, whenever needed.

This Report's Recommendations Are Confirmation-Dependent

The recommendations included in this report – including any options or alternatives – are confirmation-dependent. In other words, *they are not final*, because the geotechnical engineer who developed them relied heavily on judgment and opinion to do so. Your geotechnical engineer can finalize the recommendations *only after observing actual subsurface conditions* revealed during construction. If through observation your geotechnical engineer confirms that the conditions assumed to exist actually do exist, the recommendations can be relied upon, assuming no other changes have occurred. *The geotechnical engineer who prepared this report cannot assume responsibility or liability for confirmation-dependent recommendations if you fail to retain that engineer to perform construction observation.*

This Report Could Be Misinterpreted

Other design professionals' misinterpretation of geotechnical-engineering reports has resulted in costly problems. Confront that risk by having your geotechnical engineer serve as a full-time member of the design team, to:

- confer with other design-team members,
- help develop specifications,
- review pertinent elements of other design professionals' plans and specifications, and
- be on hand quickly whenever geotechnical-engineering guidance is needed.

You should also confront the risk of constructors misinterpreting this report. Do so by retaining your geotechnical engineer to participate in prebid and preconstruction conferences and to perform construction observation.

Give Constructors a Complete Report and Guidance

Some owners and design professionals mistakenly believe they can shift unanticipated-subsurface-conditions liability to constructors by limiting the information they provide for bid preparation. To help prevent the costly, contentious problems this practice has caused, include the complete geotechnical-engineering report, along with any attachments or appendices, with your contract documents, *but be certain to note conspicuously that you've included the material for informational purposes only*. To avoid misunderstanding, you may also want to note that "informational purposes" means constructors have no right to rely on the interpretations, opinions, conclusions, or recommendations in the report, but they may rely on the factual data relative to the specific times, locations, and depths/elevations referenced. Be certain that constructors know they may learn about specific project requirements, including options selected from the report, *only* from the design drawings and specifications. Remind constructors that they may perform their own studies if they want to, and *be sure to allow enough time* to permit them to do so. Only then might you be in a position to give constructors the information available to you, while requiring them to at least share some of the financial responsibilities stemming from unanticipated conditions. Conducting prebid and preconstruction conferences can also be valuable in this respect.

Read Responsibility Provisions Closely

Some client representatives, design professionals, and constructors do not realize that geotechnical engineering is far less exact than other engineering disciplines. That lack of understanding has nurtured unrealistic expectations that have resulted in disappointments, delays, cost overruns, claims, and disputes. To confront that risk, geotechnical engineers commonly include explanatory provisions in their reports. Sometimes labeled "limitations," many of these provisions indicate where geotechnical engineers' responsibilities begin and end, to help others recognize their own responsibilities and risks. *Read these provisions closely*. Ask questions. Your geotechnical engineer should respond fully and frankly.

Geoenvironmental Concerns Are Not Covered

The personnel, equipment, and techniques used to perform an environmental study – e.g., a "phase-one" or "phase-two" environmental site assessment – differ significantly from those used to perform a geotechnical-engineering study. For that reason, a geotechnical-engineering report does not usually relate any environmental findings, conclusions, or recommendations; e.g., about the likelihood of encountering underground storage tanks or regulated contaminants. *Unanticipated subsurface environmental problems have led to project failures*. If you have not yet obtained your own environmental information, ask your geotechnical consultant for risk-management guidance. As a general rule, *do not rely on an environmental report prepared for a different client, site, or project, or that is more than six months old.*

Obtain Professional Assistance to Deal with Moisture Infiltration and Mold

While your geotechnical engineer may have addressed groundwater, water infiltration, or similar issues in this report, none of the engineer's services were designed, conducted, or intended to prevent uncontrolled migration of moisture – including water vapor – from the soil through building slabs and walls and into the building interior, where it can cause mold growth and material-performance deficiencies. Accordingly, ***proper implementation of the geotechnical engineer's recommendations will not of itself be sufficient to prevent moisture infiltration.*** Confront the risk of moisture infiltration by including building-envelope or mold specialists on the design team. ***Geotechnical engineers are not building-envelope or mold specialists.***

GEOPROFESSIONAL BUSINESS ASSOCIATION

Telephone: 301/565-2733
e-mail: info@geoprofessional.org www.geoprofessional.org

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Exhibit A - Attachment D
FFE Update - 11/04/2021

Fulton County Animal Services Facility

WINTER JOHNSON GROUP

FCAS Equipment Schedule
10/25/2021

OWNER = FCAS
CONTRACTOR = GC

O/C C/C O/O

EQUIPMENT NUMBER	EQUIPMENT DESCRIPTION	FURNISHED BY	INSTALLED BY	VENDOR	BLOCKING REQ'D	POWER REQ'D	DATA REQ'D	GAS REQ'D	MED GAS REQ'D	PLUMBING REQ'D	MANUFACTURER	MODEL	COUNT	EQUIPMENT NOTES	Unit Cost	Total Cost	C/C	O/O	O/C
01 GENERAL OFFICE EQUIPMENT																			
01-109B	DOG LEASH CLEAT/EYE HOOK	CONTRACTOR	CONTRACTOR		YES	-	-	-	-	-	DOGHOOK.COM	SPECIFY MASONRY OR STUD WALL	39	CONTRACTOR TO COORDINATE FINAL HEIGHT AND LOCATION WITH OWNER; MOUNT EYE VERTICALLY	$ 50				
01-114	FOOD PREP CART	OWNER	OWNER		-	-	-	-	-	-	SHOR-LINE		10		$ 315				
01-115B	TRASH CAN - ON WHEELS	OWNER	OWNER		-	-	-	-	-	-			1		$ 250				
01-117C	LAUNDRY CART	OWNER	OWNER		-	-	-	-	-	-			6		$ 250				
01-118	SMALL RECYCLE BIN - 13 GAL	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-			17						
01-121	WIRE RACK SHELVING	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	METRO	XXXXBR (MODEL NO. VARIES BASED ON SIZE)	19		$ 350				
01-121A	WIRE RACK SHELVING	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	METRO	XXXXBR (MODEL NO. VARIES BASED ON SIZE)	6		$ 350				
01-121B	WIRE RACK SHELVING	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	METRO	XXXXBR (MODEL NO. VARIES BASED ON SIZE)	7		$ 350				
01-121C	WIRE RACK SHELVING	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	METRO	XXXXBR (MODEL NO. VARIES BASED ON SIZE)	4		$ 350				
01-122E	SST WALL-MOUNTED SHELF	CONTRACTOR	CONTRACTOR		YES	-	-	-	-	-	METRO	1448NS	5		$ 350				
01-122F	SST WALL-MOUNTED SHELF	CONTRACTOR	CONTRACTOR		YES	-	-	-	-	-	METRO	1460NS	14		$ 350				
01-130A	DRY ERASE BOARD	CONTRACTOR	CONTRACTOR		YES	-	-	-	-	-			9		$ 260				
01-130B	GLASS DRY ERASE BOARD	CONTRACTOR	CONTRACTOR		YES	-	-	-	-	-	3-FORM		2	3.5'X5' LOW IRON, TEMPERED, GLOSS MARKERBOARD, COLOR: CHALK, FRAMED WITH ACCESSORY SHELF	$ 300				
01-130C	GLASS DRY ERASE BOARD	CONTRACTOR	CONTRACTOR		YES	-	-	-	-	-	3-FORM		1	4XX6' LOW IRON, TEMPERED, GLOSS MARKERBOARD, COLOR: CHALK, FRAMED WITH ACCESSORY SHELF	$ 300				
01-132	BULLETIN BOARD	CONTRACTOR	CONTRACTOR		YES	-	-	-	-	-	NORTH SCULPTURE		1	FORBO FRAMED BULLETIN BOARD 48X96; COLOR: TBD					
01-134	SIGN HOLDER	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-			11	C58 PAPER INSERT WINDOW; CONFIRM WITH COUNTY					
01-135	ACOUSTIC WALL PANEL	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-		SU	112						
01-136	ACOUSTIC WALL PANEL - IMAGE	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	AUDIMUTE	SU	24	RE: INTERIOR ELEVATIONS FOR SIZE. RE: A 9.01 FOR MOUNTING DTL					
01-140A	METAL LOCKERS - 2 TIER	CONTRACTOR	CONTRACTOR		YES	-	-	-	-	-	RE: SPECIFICATIONS		16						
01-140B	METAL LOCKERS - 3 TIER	CONTRACTOR	CONTRACTOR		YES	-	-	-	-	-	RE: SPECIFICATIONS		7						
01-142	SAFE - BOLT TO FLOOR	OWNER	CONTRACTOR		-	-	-	-	-	-	ULINE	DIGITAL SAFE H-5784	1	CONTRACTOR TO UNLOAD, UNPACK & STORE	$ 470				
01-301	STORAGE PALLET	OWNER	OWNER		-	-	-	-	-	-			6		$ 150				
01-302	PALLET RACK - 42X120	OWNER	OWNER		-	-	-	-	-	-	GLOBAL INDUSTRIAL		2		$ 500				
01-305	ELECTRIC PALLET JACK - 3300 LB	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	GLOBAL INDUSTRIAL	WG988993	1	ELECTRIC PALLET JACK - 3300 LB	$ 2,900				
01-401	SST WORKTABLE - ROLLED EDGE	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	ULINE	DELUXE H-7566	1	72" X 36" W/ BOTTOM SHELF	$ 568				
02 FURNITURE & SIGNAGE																			
02-201	ROLLER SHADE	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	MECHOSHADE	MECH/5	14	TO HAVE FRONT AND BACK FASCIA; SHADE COLOR TBD; SEE SPECIFICATIONS FOR MORE INFORMATION					
03 COMMUNICATION & SECURITY																			
03-101	COMPUTER	OWNER	OWNER		-	YES	YES	-	-	-			93		$ 800				
03-105	COMPUTER - LAPTOP	OWNER	OWNER		-	YES	YES	-	-	-			4		$ 800				
03-106	WALL MOUNTED COMP STATION	OWNER	CONTRACTOR		YES	YES	YES	-	-	-	ERGOTRON	2140229	1	COORDINATE LOCATION & HEIGHT WITH OWNER	$ 2,000				
03-301	CREDIT CARD MACHINE	OWNER	OWNER		-	YES	YES	-	-	-			6		$ 200				
03-401	TELEVISION - WALL MOUNTED 42"	CONTRACTOR	CONTRACTOR		YES	YES	YES	-	-	-			1	CONFIRM HEIGHT & LOCATION W/ OWNER	$ -				
03-401D	SECURITY MONITOR - WALL MOUNTED	CONTRACTOR	CONTRACTOR		YES	YES	YES	-	-	-			2	CONFIRM WITH COUNTY IT	$ -				

03-401E	TELEVISION - WALL MOUNTED 75"	CONTRACTOR	CONTRACTOR		YES	YES	YES	-	-	-			3	PROVIDE ELECTRAL OUTLET AND COAX CABLE CONNECTION AT HEIGHT SUCH THAT THEY WILL BE CONCEALED BEHIND THE TELEVISION. * CONFIRM HEIGHT AND LOCATION WITH OWNER PRIOR TO INSTALLATION; PROVIDE WALL MOUNT BRACKET; COORDINATE TELEVISION MODEL WITH OWNER'S A/V RE	$ -				
03-401F	TELEVISION - WALL MOUNTED 85"	CONTRACTOR	CONTRACTOR		YES	YES	YES	-	-	-			3	PROVIDE ELECTRAL OUTLET AND COAX CABLE CONNECTION AT HEIGHT SUCH THAT THEY WILL BE CONCEALED BEHIND THE TELEVISION. * CONFIRM HEIGHT AND LOCATION WITH OWNER PRIOR TO INSTALLATION; PROVIDE WALL MOUNT BRACKET; COORDINATE TELEVISION MODEL WITH OWNER'S A/V REQUIREMENTS	$ 800				
03-502	LABEL PRINTER	OWNER	OWNER		-	YES	YES	-	-	-			1		$ 200				
03-503	PRINTER / COPIER - ON FLOOR	OWNER	OWNER		-	YES	YES	-	-	-			3						
03-504	PRINTER / COPIER - ON COUNTER	OWNER	OWNER		-	YES	YES	-	-	-			2		$ 200				
03-506	MULTIFUNCTION PRINTER	OWNER	OWNER		-	YES	YES	-	-	-			3						
03-902	PROJECTION SCREEN - MOTORIZED	CONTRACTOR	CONTRACTOR		YES	YES	-	-	-	-			1	COORDINATE WITH COUNTY					
03-903	PROJECTOR - CEILING MOUNTED	CONTRACTOR	CONTRACTOR		YES	YES	-	-	-	-			1	COORDINATE WITH COUNTY					
04 APPLIANCES																			
04-101	REFRIGERATOR / FREEZER	CONTRACTOR	CONTRACTOR		-	YES	-	-	-	-	KENMORE	60119	5		$ 1,200				
04-102B	REFRIGERATOR / FREEZER - WITH WATER	CONTRACTOR	CONTRACTOR		-	YES	-	-	-	YES	KENMORE	71323	1		$ 1,100				
04-103	REFRIGERATOR - UNDER COUNTER	CONTRACTOR	CONTRACTOR		-	YES	-	-	-	-	KENMORE	99059	6		$ 380				
04-103B	REFRIGERATOR - UNDER COUNTER ADA HEIGHT	CONTRACTOR	CONTRACTOR		-	YES	-	-	-	-	KENMORE	99029	8		$ 380				
04-105	REFRIGERATOR - COMMERCIAL UPRIGHT	CONTRACTOR	CONTRACTOR		-	YES	-	-	-	-	CARRIER	EF34	2		$ 2,000				
04-107	FREEZER - RESIDENTIAL CHEST	CONTRACTOR	CONTRACTOR		-	YES	-	-	-	-	KENMORE	46-16082	1		$ 800				
04-204	WASHER/EXTRACTOR - COMMERCIAL 60 LB	CONTRACTOR	CONTRACTOR		-	YES - CONFIRM	-	-	-	YES	SPEED QUEEN	SC60	3		$ 12,000				
04-205	DRYER - COMMERCIAL - ST075	CONTRACTOR	CONTRACTOR		-	YES	-	YES	-	YES	SPEED QUEEN	STO75	3	PLUMBING CONNECTION REQUIRED IF NOT ELECTRIC	$ 16,000				
04-206	STACKED WASHER / DRYER - COMMERCIAL	CONTRACTOR	CONTRACTOR		-	YES	-	-	-	YES	UNIMAC	LTUA7	6		$ 1,200				
04-301	MICROWAVE - ON COUNTER	CONTRACTOR	CONTRACTOR		-	YES	-	-	-	-	KENMORE	73772	3	IF MOUNTED ON CABINET SHELF COORDINATE REQUIRED DEPTH OF SHELF	$ 300				
04-401B	DISHWASHER - UNDER COUNTER ADA	CONTRACTOR	CONTRACTOR		-	YES	-	-	-	YES	KENMORE	12333	1		$ 800				
04-404	DISHWASHER - COMMERCIAL	CONTRACTOR	CONTRACTOR		-	YES - CONFIRM REQ	-	-	-	YES	HOBART	AM16VLT-BAS	1		$ 15,000				
04-504	HOOD VENT - SMALL	CONTRACTOR	CONTRACTOR		-	YES	-	-	-	-	RE: MECHANICAL		1						
04-601	WATER COOLER	OWNER	OWNER		-	-	-	-	-	-			1						
04-603	ELECTRIC WATER COOLER W/ BOTTLE FILLER	CONTRACTOR	CONTRACTOR		YES	YES	-	-	-	YES	RE: PLUMBING		3	SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION					
04-701	GARBAGE DISPOSAL	CONTRACTOR	CONTRACTOR		-	YES	-	-	-	YES	INSINKERATOR	EVOLUTION COMPACT	1	SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION					
04-702B	COFFEE MACHINE	OWNER	OWNER		-	YES	-	-	-	YES		K3000SE	2	*CONTRACTOR TO COORDINATE WITH OWNER TO DETERMINE WHETEHER WATER LINE REQUIRED	$ 100				
04-801	VENDING MACHINE	OWNER	OWNER		-	YES	YES	-	-	-			2	*CONTRACTOR TO COORDINATE WITH OWNER TO DETERMINE WHETHER CONNECTION TO DATA REQUIRED	$ 3,500				
05 MEDICAL EQUIPMENT																			
05-101B	WALK-ON SCALE	OWNER	CONTRACTOR		-	YES	-	-	-	-	SHOR-LINE	905.5010.47	4	CONTRACTOR TO PROVIDE CONDUIT; RE: 11&14/A9.01	$ 1,075				
05-103	COUNTER SCALE	OWNER	OWNER		-	-	-	-	-	-	SHOR-LINE		7		$ 290				
05-117A	IV TRACK - 48"	CONTRACTOR	CONTRACTOR		YES	-	-	-	-	-	AR NELSON	1100IV - IV TRACK	10	CONTRACTOR TO COORDINATE FINAL HEIGHT AND LOCATION WITH OWNER	$ 220				
05-130	DENTAL DELIVERY SYSTEM - ON CART	OWNER	OWNER		-	YES	-	-	-	-	DENTALAIRE	PRESTIGE	1			$ 15,000			
05-141	MAYO STAND	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHOR-LINE	803.0010.00	4	CONTRACTOR TO UNLOAD, UNPACK & STORE		$ 2,000			
05-153	PATIENT MONITORING EQUIPMENT - SINGLE PARAMETER	OWNER	OWNER		-	YES	-	-	-	-			9						
05-193	POWER REEL	CONTRACTOR	CONTRACTOR		YES	YES	-	-	-	-	HUBBELL INCORPORATED	PRO REEL 500A-30GF	8						
05-194	CLIPPERS	OWNER	OWNER		-	YES	-	-	-	-	ANDIS		4		$ 150				
05-201A	SST FOLD UP WALL MOUNT EXAM TABLE; RE: 5/A9.01	CONTRACTOR	CONTRACTOR		YES	-	-	-	-	-	TRISTAR	400-23	6		$ 1,100				
05-201B	SST FOLD UP (TO USE) WALL-MOUNTED EXAM TABLE; ANCHOR PER MANUF.	CONTRACTOR	CONTRACTOR		YES	-	-	-	-	-	TRISTAR	400-25	2		$ 1,100				

05-202	SST LATERAL EXAM TABLE - FOLD UP, WALL-MOUNTED; RE: 5/A9.01	CONTRACTOR	CONTRACTOR		YES	-	-	-	-	-	SHOR-LINE	903.1130.05	2		$ 1,100				
05-206	SURGERY TABLE- FLAT TOP, HEATED	CONTRACTOR	CONTRACTOR		-	YES	-	-	-	-	SHOR-LINE	903.4200.01	3		$ 2,500				
05-207	SURGERY TABLE - V-TOP	CONTRACTOR	CONTRACTOR		-	YES	-	-	-	-	SHOR-LINE	903.4400.01	1	CONTRACTOR TO UNLOAD, UNPACK, & STORE	$ 2,500				
05-217	MOBILE LIFT TABLE	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHOR-LINE	903.3120.00	4	NEEDS RECHARGED	$ 3,450				
05-301	DOUBLE SURGERY LIGHT	CONTRACTOR	CONTRACTOR		YES - STRUCTURAL SUPPORT	YES	-	-	-	-	MEDICAL ILLUMINATION	SYSTEM TWO	4	STRUCTURAL SUPPORT REQ'D.	$ 6,950				
05-302	SINGLE SURGERY LIGHT	CONTRACTOR	CONTRACTOR		YES - STRUCTURAL SUPPORT	YES	-	-	-	-	MEDICAL ILLUMINATION	MI 1000	5	STRUCTURAL SUPPORT REQ'D.	$ 4,250				
05-310	LIGHT MOUNT	CONTRACTOR	CONTRACTOR		YES	-	-	-	-	-	ACCU-MOUNT	200 SERIES	4		$ 2,500				
05-311	LIGHT MOUNT	CONTRACTOR	CONTRACTOR		YES	-	-	-	-	-	ACCU-MOUNT	100 SERIES	5		$ 3,500				
05-410	MICROSCOPE - SINGLE	OWNER	OWNER		-	YES	-	-	-	-			1		$ 1,250				
05-421	BLOOD CHEMISTRY MACHINE	OWNER	OWNER		-	YES	-	-	-	-	IDEXX	CATALYST DX CHEMISTRY ANALYZER	1	PROVIDE CONNECTION TO UNINTERRUPTIBLE POWER SUPPLY (UPS)		$ 20,000				
05-503B	OXYGEN OUTLET - CEILING	CONTRACTOR	CONTRACTOR		-	-	-	-	YES	-	RE: MED GAS DRAWINGS		17	CONFIRM HEIGHT & LOCATION WITH OWNER						
05-506	OXYGEN MANIFOLD	CONTRACTOR	CONTRACTOR		YES	YES	-	-	YES	-	RE: MED GAS DRAWINGS		1							
05-507B	OXYGEN TANK - H	OWNER	OWNER		-	-	-	-	-				6	CAN STORE UP TO 3000 CU.FT.OF OXYGEN IN AN UNSPRINKLERED 1 HR. FIRE RATE ROOM (UP TO 6000CU.FT. IF SPRINKLERED)						
05-515	ANESTHESIA MACHINE - ON CART	OWNER	OWNER		-	-	-	-	-	-	SUPERA	OC6200	6		$ 3,670				
05-517	ANESTHESIA MACHINE - WALL	OWNER	CONTRACTOR		YES	-	-	-	-	-	MATRX	VME2	3			$ 30,000				
05-520B	ANESTHESIA SCAVENGER OUTLET - CEILING	CONTRACTOR	CONTRACTOR		-	-	-	-	YES	-	RE: MED GAS DRAWINGS		14	CONTRACTOR TO COORDINATE FINAL HEIGHT AND LOCATION WITH OWNER						
05-521	ANESTHESIA SCAVENGER FAN	CONTRACTOR	CONTRACTOR		YES	YES	-	-	YES	-	RE: MED GAS DRAWINGS		1	PROVIDE EXHAUST DIRECT TO OUTSIDE. THE EXHAUST FROM THE BUILDING MUST BE A MIN. OF 10' ABOVE GRADE AND A MIN. OF 10' AWAY FROM AND FRESH AIR INTAKE.						
05-610	AUTOCLAVE - COUNTER	OWNER	OWNER		-	YES	-	-	-	-			2		$ 4,500				
05-615	ULTRASONIC CLEANER	CONTRACTOR	CONTRACTOR		-	YES	-	-	-	-	MIDMARK	M250 SONICLEAN	1	LOCATE NEAR SINK, NEEDS TO DRAIN PERIODICALLY	$ 980				
05-703	SST GROOMING TUB - 55" w/ Ramp	CONTRACTOR	CONTRACTOR		-	-	-	-	-	YES	SHOR-LINE	904.0702.40	3	OWNER TO CONFIRM CONFIGURATION	$ 3,500				
05-706	SST 46" TUB TABLE - RIGHT HAND KNEE SPACE	CONTRACTOR	CONTRACTOR		-	-	-	-	-	YES	SHOR-LINE	904.5000.09	1	OWNER TO CONFIRM CONFIGURATION	$ 2,400				
05-708	SST 60" TUB TABLE - RIGHT HAND KNEE SPACE	CONTRACTOR	CONTRACTOR		-	-	-	-	-	YES	SHOR-LINE	904.5000.00	1	OWNER TO CONFIRM CONFIGURATION	$ 2,850				
05-708A	SST 60" TUB TABLE - LEFT HAND KNEE SPACE	CONTRACTOR	CONTRACTOR		-	-	-	-	-	YES	SHOR-LINE	904.5000.01	2	OWNER TO CONFIRM CONFIGURATION	$ 2,850				
05-720	SCRUB SINK - SINGLE	CONTRACTOR	CONTRACTOR		YES	YES	-	-	-	YES	RE: PLUMBING		2		$ 3,200				
07-010	INCUBATOR	OWNER	OWNER		-	YES	-	-	-	-			2			$ 20,000				
06 IMAGING																				
06-109	DIGITAL DENTAL X-RAY - WALL MOUNTED	OWNER	CONTRACTOR		YES	YES	-	-	-	-	MIDMARK	VETPRO DC	1		$ 20,000				
06-111	DIGITAL X-RAY	OWNER	OWNER		-	YES - CONFIRM	-	-	-	-			1	CONFIRM SHEILDING REQ.	$ 75,000				
06-117	LEAD APRON RACK	CONTRACTOR	CONTRACTOR		YES	-	-	-	-	-	JORGENSEN	J0676R	1		$ 175				
07 ANIMAL HOUSING																				
07-030	SMALL MAMMAL CAGE	OWNER	OWNER		-	-	-	-	-	-	CRITTER NATION	2 LEVEL	1		$ 300				
07-102	CAGE WHEELS	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	BY MFR. OF CAGING ABOVE	CUSTOM	3		$ 110				
07-104	CAGE STORAGE - DRAWERS	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	BY MFR. OF CAGING ABOVE	CUSTOM	40							
07-105	CAGE STORAGE - CLOSED, DOOR	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	BY MFR. OF CAGING ABOVE	CUSTOM	20							
07-110A	SST CAGE, 30"W X 30" T, GRILLE	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHOR-LINE	CUSTOM	14	INCLUDE CAGE CARD HOLDER ACCESSORY	$ 600				
07-110B	SST CAGE,36"W X 30"T, GRILLE	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHOR-LINE	CUSTOM	22	INCLUDE CAGE CARD HOLDER ACCESSORY	$ 650				
07-110C	SST CAGE, 42"W X 30"T, GRILLE	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHOR-LINE	CUSTOM	12	INCLUDE CAGE CARD HOLDER ACCESSORY	$ 750				
07-110D	SST CAGE, 48"W X 30"T, GRILLE	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHOR-LINE	CUSTOM	12	INCLUDE CAGE CARD HOLDER ACCESSORY	$ 980				
07-110E	SST DOUBLE CAGE, 60" W x 30"T, GRILLE	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHOR-LINE	CUSTOM	17	INCLUDE CAGE CARD HOLDER ACCESSORY	$ 1,230				
07-110F	SST CAGE - 60"W X 36"T - GRILLE, WITH DIVIDER	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHOR-LINE	CUSTOM	3	INCLUDE CAGE CARD HOLDER ACCESSORY	$ 1,435				
07-110G	SST CAGE - 72"W X 30"T - GRILLE, WITH DIVIDER	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHOR-LINE	CUSTOM	2	INCLUDE CAGE CARD HOLDER ACCESSORY	$ 1,725				
07-115A	SST CONDO - DOUBLE WIDE, 48"W X 30"T, GLASS/GRILLE	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHOR-LINE	CUSTOM	6	INCLUDE CAGE CARD HOLDER ACCESSORY	$ 980				
07-115B	SST CONDO - DOUBLE WIDE, 54"W X 30"T, GLASS/GRILLE	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHOR-LINE	CUSTOM	14	INCLUDE CAGE CARD HOLDER ACCESSORY	$ 1,435				

07-135A	LAMINATE CONDO - 58"W X 31"T, FROSTED, GLASS BACK	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SNYDER	CUSTOM	20	VENTED, PORTAL, FROSTED GLASS/ BAR FRONT, GLASS BACK, BENCH AND INCLUDE CAGE CARD HOLDER ACCESSORY	$ 1,750					
07-135B	LAMINATE CONDO - 58"W X 31"T, FROSTED	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SNYDER	CUSTOM	8	VENTED, PORTAL, FROSTED GLASS/ BAR FRONT, BENCH AND INCLUDE CAGE CARD HOLDER ACCESSORY	$ 1,750					
07-140A	LAMINATE CONDO - SPLIT DOUBLE - VENTED, 58"W X 32"T, GLASS/GRILLE	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SNYDER	CUSTOM	12	INCLUDE CAGE CARD HOLDER ACCESSORY	$ 2,000					
07-190B	MEDIUM CAT TOWER	OWNER	OWNER		-	-	-	-	-	-	CRIJO PET PRODUCTS, LLC	MT	2			$ 500				
07-202	DOG RUN - GATE	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHOR-LINE	CUSTOM	148	CONFIRM BLOCKING REQUIREMENTS WITH MANUF. BASED ON WALL ASSEMBLY, NO BOTTOM BAR AT RUN GATE AND INCLUDE CAGE CARD HOLDER ACCESSORY	$ 740					
07-203A	DOG RUN - GATE - 2 PANEL	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHOR-LINE	CUSTOM	202	CONFIRM BLOCKING REQUIREMENTS WITH MANUF. BASED ON WALL ASSEMBLY, NO BOTTOM BAR AT RUN GATE AND INCLUDE CAGE CARD HOLDER ACCESSORY	$ 1,050					
07-203B	DOG RUN - GATE, 2 PANEL, 30"W x 78"T, GLASS/BARS	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHOR-LINE	CUSTOM	92	CONFIRM BLOCKING REQUIREMENTS WITH MANUF. BASED ON WALL ASSEMBLY, NO BOTTOM BAR AT RUN GATE AND INCLUDE CAGE CARD HOLDER ACCESSORY	$ 1,050					
07-203C	CAT RUN - GATE, 2 PANEL, 30"W x 78"T, GLASS/BARS	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHOR-LINE	CUSTOM	5	CONFIRM BLOCKING REQUIREMENTS WITH MANUF. BASED ON WALL ASSEMBLY, NO BOTTOM BAR AT RUN GATE AND INCLUDE CAGE CARD HOLDER ACCESSORY	$ 1,050					
07-204A	DOG RUN - FLAG PANEL 2'-6"	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHOR-LINE	CUSTOM	168	CONFIRM BLOCKING REQUIREMENTS WITH MANUF. BASED ON WALL ASSEMBLY						
07-204B	DOG RUN - CLERESTORY PANEL	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHOR-LINE	CUSTOM	8	CONFIRM BLOCKING REQUIREMENTS WITH MANUF. BASED ON WALL ASSEMBLY	$ 675					
07-204C	CAT RUN - CLERESTORY PANEL, GLASS/SST	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHOR-LINE	CUSTOM	5	CONFIRM BLOCKING REQUIREMENTS WITH MANUF. BASED ON WALL ASSEMBLY	$ 675					
07-204D	CAT RUN - SIDE, 2 PANEL, GLASS/PLAM	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHOR-LINE	CUSTOM	4	CONFIRM BLOCKING REQUIREMENTS WITH MANUF. BASED ON WALL ASSEMBLY	$ 1,100					
07-205A	DOG RUN - SIDE PANEL	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHOR-LINE	CUSTOM	142	CONFIRM BLOCKING REQUIREMENTS WITH MANUF. BASED ON WALL ASSEMBLY						
07-205B	DOG RUN - SIDE PANEL, 78" T , GLASS/SST	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHORLINE	CUSTOM	28	CONFIRM BLOCKING REQUIREMENTS WITH MANUF. BASED ON WALL ASSEMBLY	$ 950					
07-207	DOG RUN - BACK PANEL	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHOR-LINE	CUSTOM	117	CONFIRM BLOCKING REQUIREMENTS WITH MANUF. BASED ON WALL ASSEMBLY	$ 900					
07-208	DOG RUN - TOP PANEL	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHOR-LINE	CUSTOM	167	CONFIRM BLOCKING REQUIREMENTS WITH MANUF. BASED ON WALL ASSEMBLY	$ 800					
07-210	GUILLOTINE DOOR - IN RUN PANEL	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	SHOR-LINE	CUSTOM	117		$ 250					
07-211	GUILLOTINE DOOR - IN WALL	CONTRACTOR	CONTRACTOR		YES	-	-	-	-	-	SHOR-LINE	CUSTOM	96	CONFIRM BLOCKING REQUIREMENTS WITH MANUF. BASED ON WALL ASSEMBLY	$ 250					
07-212	SALOON DOOR	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	BITEGUARD	BG 1624	90		$ 1,000					
07-214	CAT DOOR - IN GLASS	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	HALE	DOOR - SMALL MEDIUM	7							
07-232	CAT PERCH	OWNER	OWNER		YES	-	-	-	-	-			6							
07-235	CAT SHELF	CONTRACTOR	CONTRACTOR		YES	-	-	-	-	-	SHOR-LINE	CUSTOM	5	8" X 24" SOLID SURFACE, RE: EQIUP DTLS	$ 180					
07-241	KARUNDA BED	OWNER	OWNER		-	-	-	-	-	-	KARUNDA		12		$ 150					
07-651	BARN TROUGH	OWNER	OWNER		-	-	-	-	-	-	HUMANE		6			$ 400				
07-652	STALL MAT	OWNER	OWNER		-	-	-	-	-	-	HUMANE		6	1 1/2" MIN THICKNESS		$ 200				
07-653	HORSE FEEDER	OWNER	OWNER		-	-	-	-	-	-			6			$ 400				
07-654	HOG - GOAT FEEDER	OWNER	OWNER		-	-	-	-	-	-			6			$ 400				
07-655	CHICKEN COOP	CONTRACTOR	CONTRACTOR		-	-	-	-	-	-	CAROLINA COOPS	AMERICAN COOP	1	PRE-MANUFACTURED CHICKEN COOP, COORDINATE WITH OWNER ON ACCESSORIES	$ 7,000					

FULCO IT/PHONE/SECURITY	Type	Responsibility	
ITEM		FULCO	WJG
Networking		X	
Server Racks	Equip		X
Servers - Switches	Equip	X	
Phones	Equip	X	
Desktop Computers	Equip	X	
Laptop Computers	Equip	X	
Laptop Docking Stations	Equip	X	
Computer Monitors	Equip	X	
Printers	Equip	X	
Credit Card Reader	Equip	X	
Camera Switches			X
Cameras	Turnkey		X
Card Readers - Access Control	Turnkey		X
Cabling	Turnkey		X
Security Monitors	Equip	X	
VoIP - Phones	Equip	X	
Wireless Access Points - backbone	Cabling		X
Wierless Access Points -	Equip	X	
Analog Lines - (AT&T, backbone)			X
UPS			X
Electrical Circuits - Add to Const. Docs			X
AT&T Circuit (Abdias)		X	
Comcast Circuit (Abdias)		X	

Exhibit A - Attachment F
RFI Log #1 - 10/25/2021

Fulton County Animal Services

WINTER JOHNSON GROUP

RFI #	Date Issued	Drawing/Spec Reference	Description - RFI (by WJG u.n.o.)	Response Date	Description - RESPONSE (by PGAL u.n.o.)
1.01	10/20/21	Elevation 1/A6.13	Drawing calls out the same item as a "composite wood tellis system" and a "painted metal trellis." Please clarify which one is correct.		Composite Wood Trellis system is correct.
1.02	"	"	Please confirm that there will be no multi-color storefront framing finishes (Section 084113, 2.3A.1.a) , i.e. dark bronze on one side and clear anodized on the other.		All storefront systems will be anodized bronze throughout. We will revise the specifications accordingly.
1.03	"	A2.13, A2.14, A2.23, A2.24	Please furnish specifications and detail for the canopy/trellis systems at the yards typical of room #207.		Trellis system is to be a pre-manufacturered and prefinished aluminum trellis. Basis of Design: Awnex, Tuscany system, sun shade panel option. This is applicable to room #080, #146/7, #205 & 206, #207 & 208, #307 & 308, #407 & 408, #507 & 508, #607 & 608.
1.04	"	2/A7.55	Would products by Mitchell Metals or Peachtree Protective Covers be acceptable for the exterior rod-hung doorway canopies?		Yes, these should be acceptable pending architectural review of submitted product.
1.05	"		Please specify location of the CW3-designated curtainwall system.		CW3 curtain wall system drawing is incorrect in the documents. Please see the attached revised curtain wall elevation. It is located along column line A to the east of 11.5.
1.06	"		Please clarify the type of countertops in rooms numbered 110 Dental, 112 Pharmacy, and typical Exam rooms - solid surface or plastic laminate countertops?		Plastic laminate with the specified edge banding is correct.
1.07	"	Section 084113, 2.3A.1.a	Please confirm that there will be no multi-color storefront framing finishes as discussed at the 8-18-2021 meeting.		See RFI response 1.02
1.08	"	Section 084113, 2.3E	Please advise on locations of Vent Windows on the project.		See revised drawings
1.09	"		Please furnish specification for the freezer system for the room #159. Freezer.		See Spec 114000, 2.3C
1.10	"	Specification Section 122413	Please advise on the selection of rooms and locations to receive the roller shades		Room #009 @ window and storefront, #025 both, #026, #099, #098 both, #104, #105, #106 all, #119, #126
1.11	"	C4.40	Please advise on the diameter of the OCS		Response from Lowe Engineers: The Diameter of the OCS (Structure 1.1) is 6ft
1.12	"	A0.10	Partition types for all masonry walls show them as fully grouted. This does not match the requirements of S4.01. Please clarify.		Architectural drawings will revise wall section to indicate "For grouting and reinforcing requirements, see structural drawings."
1.13	"	A1.10	This sheets shows a gravel path for Ga Power access. Keynote 30 on C3.02 calls this out as a dirt path. Please clarify.		Civil is correct, Architectural will revise note.
1.14	"	A1.10	Please confirm that the EV ready spaces for the employee parking lot are correctly identified per sheet E1.03.		Confirmed. 7 standard EV-ready spaces in parking lot. 20 oversized EV-ready spaces along drive.
1.15	"	A1.10	The note for the public parking area calls for 7 EV ready spaces. Sheet E1.02 has circuiting for 5 spaces identified. Please clarify.		E1.02 is correct, architectural will revise.
1.16	"	4/A1.10	Dock lift pit width dimension is shown as 6'6", but the notes call for the width to be 6'2". Please clarify.		Please see revised detail and mfr. documentation regarding pit dimensions
1.17	"	A2.02	No depression is shown for the feezer on this sheet but S2.12 does show a depression. Please clarify		Arch to update on the EOS plan.
1.18	"	A2.02, P2-12	A floor drain is shown in the freezer. Is the intent for this drain to be under the freezer floor or actually cut into the freezer?		The drain is in the slab, freezer will not have a floor system (slab serves as the freezer floor).

1.19	"	A7.50, A7.52	Various details on these sheets show a perimter drainage system. No further information was found. Please clarify.		No perimeter drainage system, arch to revise details. However, downspouts that are NOT within dog kennel yards will be tied into the storm system below grade. Civil is revising their documents.
1.20	"	A1.20, 4/A7.58, S2.22	No support is shown for the upper run of the roof stair at the garage. Please advise.		There will be posts from the top landing down to grade, as well as posts up from the CMU parapet to support the walk-over and stairs down to the roof side. Structural: Detail 5/S5.09 has been added showing the stair supported on the CMU wall and floating above te roof.
1.21	"	G1.10	Please advise which fire extinguisher cabinets are surface mounted and which are recessed. All the symbols are the same.		All cabinets are to be fully recessed. If a cabinet can not be fully-recessed due to unforseen construction circumstances, then semi-recessed is acceptable. No cabinets should be surfaced mounted.
1.22	"	A2.12, room 162	The north and west walls in the mechanical room are scheduled as M580. Should these walls go to the deck?		Yes. Arch to revise to M880 partition type.
1.23	"	3/A9.03	Please advise on how the veneer be supported above the saloon doors. No structural section was found for this condition.		Steel angle lintel, see structural for sizing requirements. Structural: Veneer above the saloon door shall be supported by loose lintle. Loose lintel schedule has been added. Arch will revise the detail.
1.24	"	A7.12, 2/A7.30	Sections 3 and 4 on A7.12 call out detail 2/A7.30 in multiple locations. This does not appear to be correct. Please clarify.		Wall section is typical to the wall section shown on 2/A7.30, however exterior slab condition is different. Arch. to provide additional detail for clarity, see RFI 1.35 for more information.
1.25	"	E1.03	Utility Pad Mount – Keynote 12, EC to provide and install all Primary conduit between nearest utility switch and the Pad Mount for the Building. Please advise on location of the nearest utility switch.		Per coordination call with Georgia Power, it's understood there is a current project in progress along Fulton Industrial Blvd that is coverting existing primary overhead lines to underground. It was noted that GP would be able to "splice and connect for service to our building anywhere along the frontage of our building as a result of everything being underground." Now that 100% CDs are complete, next steps can be taken with GP to finalize the location of the primary connection point, which is intended to be due north of the service transformer on the south side of Fulton Industrial Blvd as indicated on the electrical site plan. It's understood a new switch or tap enclosure will be provided by GP.
1.26	"	E3.11	Light Fixture types not called out for Day Foster Office 076A.		L1-4'
1.27	"	E3.11	Light Fixture types not called out for Rescue Coord Office 076B.		L1-4'
1.28	"	E3.11, E3.12, E3.13	Please confirm that the ceiling fan and its controls and to be Owner-Furnished, Owner-Installed. Contractor ionly provide power to the fan location.		Ceiling fans to be contractor provided / contractor installed. Ceiling fan basis of design: Big Ass Fans, Essence, 8', Oil Rubbed Bronze finish, LED light kit.
1.29	"	e.g. 4/A7.52	The drawing details show an “air/moisture barrier” on top of the substrate board. This is not called for in the specifications. Please clarify.		Air barrier not required above substrate board at roof. Arch to revise.
1.30	"	Section 075423, e.g. 4/A7.53	The drawing details call for the substrate board to be 5/8” but the specification section 075423, Paragraph 2.5, A is calling for a ½”		1/2" substrate board is acceptable. Arch to revise.
1.31	"	E1.03	Utility Pad Mount – Keynote 12, EC to provide and install all Primary conduit between nearest utility switch and the Pad Mount for the Building. Please advise on location of the nearest utility switch.		Duplicate to RFI 1.25
1.32	"	E1.03	Utility Pad Mount – Keynote 12, electrical contractor to provide and install all Primary conduit between nearest utility switch and the Pad Mount for the Building. Please advise on location of the nearest utility switch.		Duplicate to RFI 1.25

1.33	"	E6.01	The breaker on feeder from the main switchboard to the mechanical chiller is designated as 110A/3ph, which seems inconsistent with the chiller schedule information on sheet M1-03. If incorrect, please advise on correct breaker size.		The breaker for Chiller Circuit 2 connected to the MSB is understood to be 250A/3P. Chiller Circuit 1 is 350A/3P and connected to standby panel HSA. Electrical one-line diagram and schedules will be revised to clarify correct chiller circuit labeling and corresponding breaker sizes.
1.34	"	A2.12	What is the partition type that separates courtyards 146 and 147?		8" Masonry wall with 4" Trenwyth block (both sides) to match surrounding courtyard walls, provide cast stone coping at the top, similar wall section to monumental sign. Height to be 8'-8" to bottom of cast stone coping. Arch to provide detail revision in updated drawings.
1.35	"	A2.11, A2.12, 13/A1.19	If the K9 grass called out on 13/A1.19 is to be installed in courtyards 80, 146 and 147, won't these slabs need to be depressed? If so, please provide details.		Yes, slabs will be depressed. Arch to provide detail.
1.36	"	S2.21, S2.22, 4/S5.05	Please provide connection details for the L8x4x1/2 shown at the north and south ends of courtyards 80, 146 and 147. The section cut through these areas, 4/S5.05 does not include them.		Structural: Connection is similar to connection shown in detail 5/S5.07. Clarification has been made.

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RFI #	Date Issued	Drawing/Spec Reference	Description - RFI (by WJG u.n.o.)	Response Date	Description - RESPONSE (by PGAL u.n.o.)
2.01	10/26/21	A1.15B	Please advise on the paver color selections.		Light Pavers: Techo Paver HD smooth, Shale Grey, 051353; Dark Pavers (dark hatch on drawings): Techo Paver HD Smooth, Greyed Nickel 051310
2.02	"	A1.15B	The paver system specs call for #57 stone, #8 stone, geofabric and sand. Please provide section cut detailing the thicknesses of the layers.		See attached detail from manufacturer
2.03	"		We assume that heat required in room 114? Please confirm.	10/26/21	Heat is not required in this room.
2.04	"		Is heat required in room 115?	10/26/21	Yes, heat is required. We will add a 3kW electric cabinet unit heater in future revised drawings.
2.05	"	M2-12	Does code allow ductwork in the electrical room as is currently?	10/26/21	Ductwork is allowed in the electrical room, but will need to be re-routed to avoid running above electrical panels. Updated duct routing will be provided in future revised drawings.
2.06	"	Section 230923	There are no manufacturers listed for the Direct Digital Control (DDC) system for the HVAC. Please provide acceptable manufacturers so we can solicit multiple providers for competitive pricing.	10/26/21	20/20 Engineering's only requirement is that the manufacturer be approved for use by Fulton County.
2.07	"	Section 084113, A0.31	Paragraph 2.4A.1 aluminum entrance door specifications call for narrow stile YKK 20D series doors, which are 1¾" thick. Same specification calls for 2" thermal (even at interior) doors which is medium stile. Furthermore, hardware schedule specify door types FG1 and FG2 as medium and wide stile doors. Please advise on what aluminum entrance door specifications to price.		No narrow stile doors; Specs to be updated to include medium and wide stile doors. Aluminum entrance doors to be medium stile doors.
2.08	"	drawing detail 2/P4-00	Detail references slack cables and spring hangers. Is this something that needs to be on all of our hangers? Or just certain sizes?	10/26/21	Slack cables and spring hangers are not required on every hanger. Specific locations to be determined at a later date based on the total weight being supported.
2.09	"	sections 083323, 08330, 083613	It appears that "Section 083323 Overhead Coiling Doors" and "Section 083330 Overhead Coiling Grilles" are the only overhead door systems applicable to the project, and are at the intake garage and the reception area respectively. Please confim. Is provide door number on the door schedule for the overhead grille.		Yes - only (4) Overhead Coiling Doors in the project and are located at the Intake Garage. Only (1) Overhead Coiling Grille and is located at the Adoption Lobby. Door Number can be given for the grille.
2.10	"		Can the AISC certification requirement for the fabricator be waived if they can furnish an annual independent review of their shop policies and procedures, and can offer a 'job specific' inspection during fabrication for this project?		This will require further review and response sent in the few days.
2.11	"	section 042000	Paragraphs 3.5 and 3.6 call for cavity rigid insulation to be adhered to the masonry block. Please confirm this is not required?		Not required to be adhered to the block, but must be secured in place.
2.12	"	section 042001	Paragraph 2.10 is calling for Loose-Fill Insulation "Perlite." Please confirm that this is not needed as the cavity has rigid insulation.		This is not for cavity insulation, but for masonry cell fill insulation. Given that there is no longer any single wythe exterior wall construction on the project, this application would not be necessary.
2.13	"	A1.18	Please clarify the dimensions and model of the chicken coop.		Dimensions have been added - see sketch
2.14	"	C3.02	Regarding Key Note 29 can you clarify the crosswalk work that is shown? Does it need to be done or do we need to exclude it based on the note saying that a revision is "to be designed an permitted in a separate document sent to GDOT"?	10/26/21	Lowe Engineers: The crosswalk that is being referenced in Key Note 29 is referring the existing GDOT crosswalk at our signalized driveway entrance. This is detailed more in the plans that we submitted to GDOT. Plans can be provided to PGAL and WJG if needed.

2.15	"	"	Can details be provided for the building perimeter downspout tie-ins to the storm drain system along with the secondary storm drainage layout?	10/26/21	Lowe Engineers: We spoke with PGAL and Lowe Engineers will show downspout connections to the proposed stormwater system rather than having a full permiter system. PGAL: All Downspouts are to be connected to offset powder coated gray iron downspout boots. These will be connected to the storm system. At dog runs, downspouts are pvc pipes to drain to yard.
2.16	"	C5.01, C5.02	What class DIP sewer pipe is needed?	10/26/21	Lowe Engineers: Class 250 with a minimum of a Class "C" bedding
2.17	"	C5.01	A sized jack and bore is indicated for the water tap on Fulton Industrial Boulevard. None is shown for the sanitary seewr tap. Please advise on whether the sewer line A1 to A0 (tie-in to existing) needs to be jack and bore, and if so what size is required?	10/26/21	Lowe Engineers: ±42 LF of Jack & Bore with 16" steel encasement. For the water line we used a 5ft wide pit. If this needs to be modified to allow easier access please let us know and we will denote it on our plans.
2.18	"	C3.01, Key note 29	Regarding the curb and gutter re-configuration in the middle of Fulton Industrial Blvd. at the southern entrance, we assume this work is to be performed by the owner outside of Winter Johnson's scope of work? Please confirm.	10/26/21	Lowe Engineers: We can speak with GDOT District 7 to determine who will need to perform the work. We are proposing the medians to force a right-in/right-out only at the unsignalized intersection.
2.19	"	"	Please clarify what the GDOT asphalt paving profile is for the decel lanes shown on Fulton Industrial Boulevard.	10/26/21	Lowe Engineers: We can add a paving profile to our plans for the next submittal unless needed sooner for internal coordination
2.20	"	HVAC	Please advise whether equivalent Chilled Water & Hot Water AHUs, Air Cooled Heat Recovery Chiller, Chilled Water & Gas Heating DOAS, Ductless Split System Heat Pump, VAV Box, Energy Recovery Unit, DDC Controls systems from Trane are acceptable.	10/26/21	Trane will be considered as an approved alternate if all equivalent components match the performance listed as well as the accessories, dimensions, weights, and electrical specifications. Any additional engineering or design support will be financially responsible by the vendor/contractor prior to approval.
2.21	"	Sections 084113, 102219	Are Doors #002A, 002B, 004, 005 & 007 supposed to be a part of the demountable partitions system, or interior storefront (with Sliding Doors)? .		Doors 002A, 002B, 004, 005, 007, and 008A are to be part of demountable partition systems.
2.22	"	A2.11, S2.11	Please provide details/direction for operable partition support steel.		Detail provided on 4/A3.20
2.23	"	Sections 084113, 084413	Please confirm if equivalents of the specified YKK storefront, curtainwall, and aluminum entrance systems from Kawneer, EFCO or Tubelite would be acceptable.		Yes, they are acceptable as long as the products being priced meet the performance / function / quality level as specified in the YKK systems
2.24	"	section 096723	Please confirm if Key Resin Company's equivalent to the Dur-A-Flex system specified for Resinous Flooring is acceptable?		Currently being studied
2.25	"	section 075423	Paragraphs 3.5, C, 1 &2 state to loose lay the substrate board, mechanically attach the first layer of polyisocyanurate, loose lay or adhere the second layer of Polyisocyanurate then adhere the cover board. The roof system is mechanically attached as stated in paragraph 1.2 A1. Please confirm that it is acceptable to gang fasten all layers simultaneously, and then mechanically attach the TPO. This will not have any effect on the manufacturer's warranty.		Technically, this is acceptable. PGAL has reached out to the County for confirmation that the installation method and warranty would be acceptable to the County.
2.26	"	HVAC	Chilled Water & Hot Water AHUs, Air Cooled Heat Recovery Chiller, Chilled Water & Gas Heating DOAS, Ductless Split System Heat Pump, VAV Box, Energy Recovery Unit, DDC Controls	10/26/21	Question is unclear.
2.27	"	S2.21	Per the marked up drawing sheet S2.21 attachment, please furnish clarifications regarding the HSS 4x4 column.		Clarification has been provided in "GMP Structural Revisions" package
2.28	"	S2.22	Per the marked up drawing sheet S2.22 attachment, please furnish clarifications regarding the HSS beam.		Clarification has been provided in "GMP Structural Revisions" package
2.29	"	S7.01	Per the marked up drawing sheet S7.01 attachment, please furnish clarifications regarding the location of some steel members.		Clarification has been provided in "GMP Structural Revisions" package
2.30	"	sections 074213	Would equivalent metal wall panel systems by Alfrex be acceptable for the project?		Yes, this is acceptable. PGAL has asked if any of the sub-contractors have experience with the product and where it has been installed previously.

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RFI #	Date Issued	Drawing/Spec Reference	Description - RFI (by WJG u.n.o.)	Response Date	Description - RESPONSE (by PGAL u.n.o.)
3.01	10/27/21	A2.01 & A 2.02	There appear to be raised areas shown on the slab plans on A2.01 and A2.02 noted 0'-4", 0'-6" or 0'-8". Are these areas intended to be raised concrete housekeeping pads per detail 9/S3.03?	10/28/21	The raised areas are concrete or wood curbs noted with a material tag for built in animal housing. Detail 9/S3.03 is for the concrete pad under the washing machines in laundry. Reference sheets A9.04 and A9.05 for details of curb conditions.
3.02	"	2 & 3/S6.01	What is the edge of slab condition at the Yards/Outdoor Runs? 2 & 3/S6.01 appear to show a turn-down but no section or detail is provided. Please provide a section or detail that shows required dimensions and reinforcing if a turn-down is required.		The edge condition at the yards is a 1'-0" wide x 2'-8" deep turn-down, similar to, and reinforced, like one shown in detal 2/S3.04.
3.03	"	A1.18	Please provide foundation/slab plan and details for the barn structure	10/28/21	The barn manufacturer does all the engineering for the barn including foundation and slab. All details will be provided by the manufacturer. That will be coordinated as a submittal later.
3.04	"	1/S3.01	Footing types F5.0, F6.0SP, F6.0x10.0 and F6.0x12.0 are listed on the footing schedule on 1/S3.01 but are not shown on the foundation plans. Please verify these footings types are not applicable to the project.		Confirmed. Footings not shown on plan are not applicable to the project.
3.05	"	Section 051213	The specifications mention AESS. Please confirm that AESS is not required on the project.	10/28/21	There is architecturally exposed structural steel on the project. Please adhere to specifications.
3.06	"	S0.01	SS-1.4 states that all steel permanently exposed to weather is to be galvanized. Is the exposed galvanized steel to be finish painted. If so, please identify specific members and paint finish type.	10/28/21	Painted Steel does not need to be galvanized. To have Primer Coat of Carbozinc 859 VOC, Mid Coat of Carboguard 890 VOC, and Top Coat of Carbothane 134 MC. All from Carboline. See attached specs.
3.07	"	Section 087100	Are doors 017, 104, 107A, 108A, 135 and 300B hollow metal, wood, or aluminum? If aluminum, what hardware set should be priced?	10/28/21	All doors listed are Aluminum doors
3.08	"	L1.0 & A1.17	A1.17 details RT-1 as the dog yard floor material. L1.0 notes pea gravel. Please clarify which material is correct. If rubber turf is the correct material, please confirm that Spec Section 027920 applies to this location. Please also confirm that no drainage is required for these dog yards.	10/28/21	RT-1 is correct for the dog yards. That is the correct spec section. No drains are shown for these yards. Reference detail 10/A1.19 fence detail for keeping the rubber in the fence.
3.09	"	C3.02	Please provide additional detail or narrative for Note 30 "Dirt Path" Are there compaction requirements? Are there transition details between asphalt and dirt?	10/28/21	Per the geotech provided by Wood PLC dated 4/14/2020 We should anticipate a compaction of at least 95% in thin 8" lifts (ASTM D 698). We do not have a transition detail between the asphalt and gravel at this time. We are showing a curb cut at each of the entrances to the dirt path with fencing as well. If needed we can provide one in the next submittal
3.10	"		Detail 2 on A1.17 shows fence type FC-1, FC-2 and FS-2 but there are no details associated with those types. Please provide additional fence details or advise on the correct fence type tag.	10/28/21	Fencing Types legend on A1.17 states the special conditions of "C and S" for fences and the types. For example, FS-2 is F-2 fence type with privacy slats.
3.11	"	A1.15 through A1.18	Except for the 8' aluminum picket fencing on the site retaining wall at Fulton Industrial boulevard, the heights of the remainder of the fencing is not stated. Please clarify heights of each fence type.	10/28/21	See attached sketch for additional site fence heights. Fence heights around the dog yards are called out on Fencing Type Legend on Sheet A1.17
3.12	"	G1.10 through G1.1	Symbol legend refers to FER-C as both surface mounted and fully recessed. Please clarify.	10/28/21	Fully Recessed FECs are to remain as FEC-R. Surface Mounted FECs are renamed to FEC-S. Please see attached updated LS drawings.

3.13	"	C3.01. C3.02 and C9.00	Is any thermoplastic striping required? Please advise.	10/28/21	Yes. We are planning on using thermoplastic striping for the parking and turn lane stripes. Let us know if you need further information or if there is a preferred alternative

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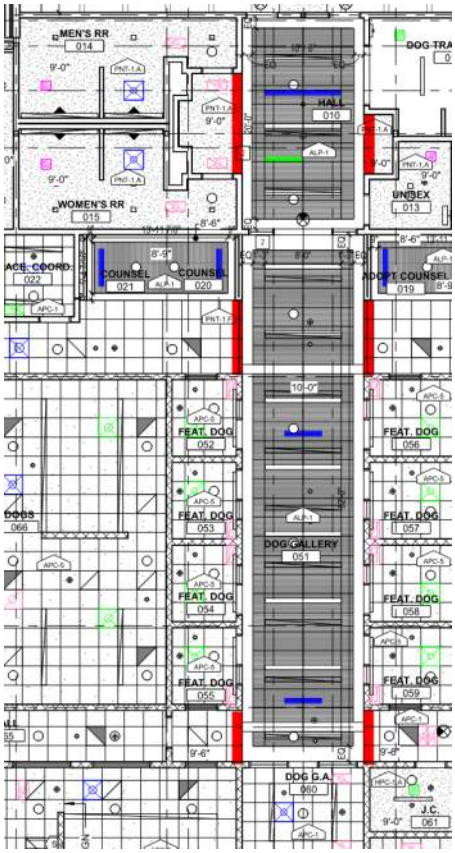
RFI #	Date Issued	Drawing/Spec Reference	Description - RFI (by WJG u.n.o.)	Response Date	Description - RESPONSE (by PGAL u.n.o.)
4.01	10/28/21	Section 088000	GL-S glass type is requiring sound insulation. What is the STC requirement?	10/29/21	There is no STC requirement. Insulated glazing is required at sound walls to provide a higher level of acoustic performance in that particular wall assembly, however no STC rating is required for the glazing itself. Typical 1" insulated glass has been tested to achieve a value of STC 35. Glazing to match specifications for glazing thickness and total assembly thickness.
4.02	"	Section 088000	Frames M and Z on A0.40 do not have detail call outs or glass type call outs. Please advise.	10/29/21	Glass Type for "M" and "Z" frames is to be GL-I. Note that both M and Z frames are found at the Surgery Rm #106. The window labeled "R4" is mislabled and should be the "M" type window. This will be corrected on the drawings.
4.03	"	A5.12	Detail indicates a thin layer on CMU wall projection in detail 2. The typical elevations of this wall on 3/A6.10 show CMU continuing to the end of the projection. Please specify what coating or paint goes on this wall projection.	10/29/21	Detail2/A5.12 shows the transition between the CMU exterior wall of the building envelope and the signle-wythe CMU wall that externds out from the building. There is no coating or paint to be applied to the CMU in the signle-wythe wall extention. I believe that there may be some confusion graphically associated with a line that is appearing around that wall. The line will be removed or noted separately. The wall is intended to be decorative Trenwythe CMU only with no additional coating or painting.
4.04	"	C2.01, C2.02	Key note #4 states "STORMWATER STRUCTURE TO BE RELOCATED. SEE GDOT PLANS BY LOWE ENGINEERS DATED XX/XX/2021." The note is referencing the existing Catch Basins along Fulton Industrial Blvd. Please confirm that this work is part of the GDOT package to be performed outside Winter Johnson's scope of work.	11/1/21	The permit approval and process is through GDOT but the actual work to be completed with the turn lanes will need to be done by the Contractor whether its WJG or someone else.
4.05	"	P1-03	Plesae provide direction on location of trap primers and or trap guards. Trap guards are only shown on the floor sinks FS-1 but our plumbers do not recomend that they be used in any area that has a high likleyhood of large amounts of hair and or large debrise due to the risk of repeat clogging.		**Trap guards to be provided on all floor drains/sinks that do not see frequent wash downs. Locations to be further detailed on a future ASI. (20/20 Engineering, Inc.)**
4.06	"	P4-00	Please provide direction on spring hanger requirments for plumbing piping. They are shown for all hangers on detail 2/P4-00 but they are not listed in the specs. Spring hangers for all piping will be a significant cost.		**Spring isolation is not requrired on any plumbing system piping (20/20 Engineering).**
4.07	"	P1-03,A10.11	SV-1 mixing valve is listed on the plumbing equipment schedule but not shown on any of the plans. Please provide direction as to where this mixing valve should be used. 09-620 is a Accel Mixing Station and locations are shown for this on A10.01-04. Please provide direction if these are for the same use.		**SV-1 is not included in the project's scope of work.** **Accel Mixing Stations are for chemical mixing for sanitatary wash down procedures. These should not be included in the plumbing scope of work. (20/20 Engineering).**
4.08	"	P2-23, P2-24,P2-34 1/A7-28	Roof drain piping shown going to the roof in areas C&D but no roof drains shown. If these areas will be served by gutters and downspouts please provide direction on how the downspouts will be tied into the storm piping.		**Roof gutter and downspout outlets will connect to the 4" storm risers referenced on the plumbing plans. Detail to be incorporated on furture ASI (20/20 Engineering).**
4.09	"	P4-00, P1-03	Please clarify if the hair traps HT-1 will be supplied with the associeated equipment and should just be installed by the plumbing contractor or if they should be supplied by the plumber and they indluded equipment drains modified.		**Plumbing contractor to provide and install HT-1 as specified. HT-1 is a replacement basket strainer and tailpiece for the fixture (20/20 Engineering).**

4.10	"	E3.11	Please provide labels for lights in rooms 076A and 076B at the matchline in sector B.		
4.11	"	RFI 2.19 response	The GDOT asphalt paving profile for the decel lanes shown on Fulton Industrial Boulevard is needed now for pricing solicitation from bidding subcontractors.		1.5" of 9.5mm Superpave Aphaltic Conc. Surface Course, 2" of 19 mm Superpave Asphaltic Concrete Binder Course, and an 8" Graded Aggregate Base
4.12	"	A6.20	Please clarify what the three CMU colors 1, 2, and 3 are.	10/29/21	Echelon Trendstone: CMU-1 Ground Face Color #4107, CMU-2 Ground Face Color #4205, CMU-3 Ground Face Color #4301
4.13	"	section 042200, par. 2.5A; RFI 1.34 response	Please confirm that glazed block is eliminated from the project per VE #A14.	10/29/21	Correct Glazed Block is no longer to be installed in the project. Section will be removed from the specifications
4.14	"	section 042200, par. 2.5A; 6/A6.20	Please confirm that Trendstone is not included on the project.	10/29/21	**Trendstone is included and is scheduled to be the exterior masonry product for this project.** Astraglaze product is no longer included on the project. Color selections as noted in detail 6/A6.20 to be priced, however final color/size decisions in the walls shown in details 6, 7, 8/A6.20 are TBD.
4.15	"		Would it be acceptable to change structural steel canopies with roofing to pre-manufactured aluminum canopies?	10/29/21	Yes, that would be acceptable provided that the skyward side of the canopy system would be finished in white or light grey to prevent a heat island effect.
4.16	"		Is every window location that gets rollershades indicated on the A8.? Please confirm.	10/29/21	See response to RFI 1.10
4.17	"		Is the DIRTT an acceptable substitution for the demountable systems?	10/29/21	Yes, provided that the dark bronze finish is available in the DIRTT system and that they can provide glazing over sliding glass doors at reception area.

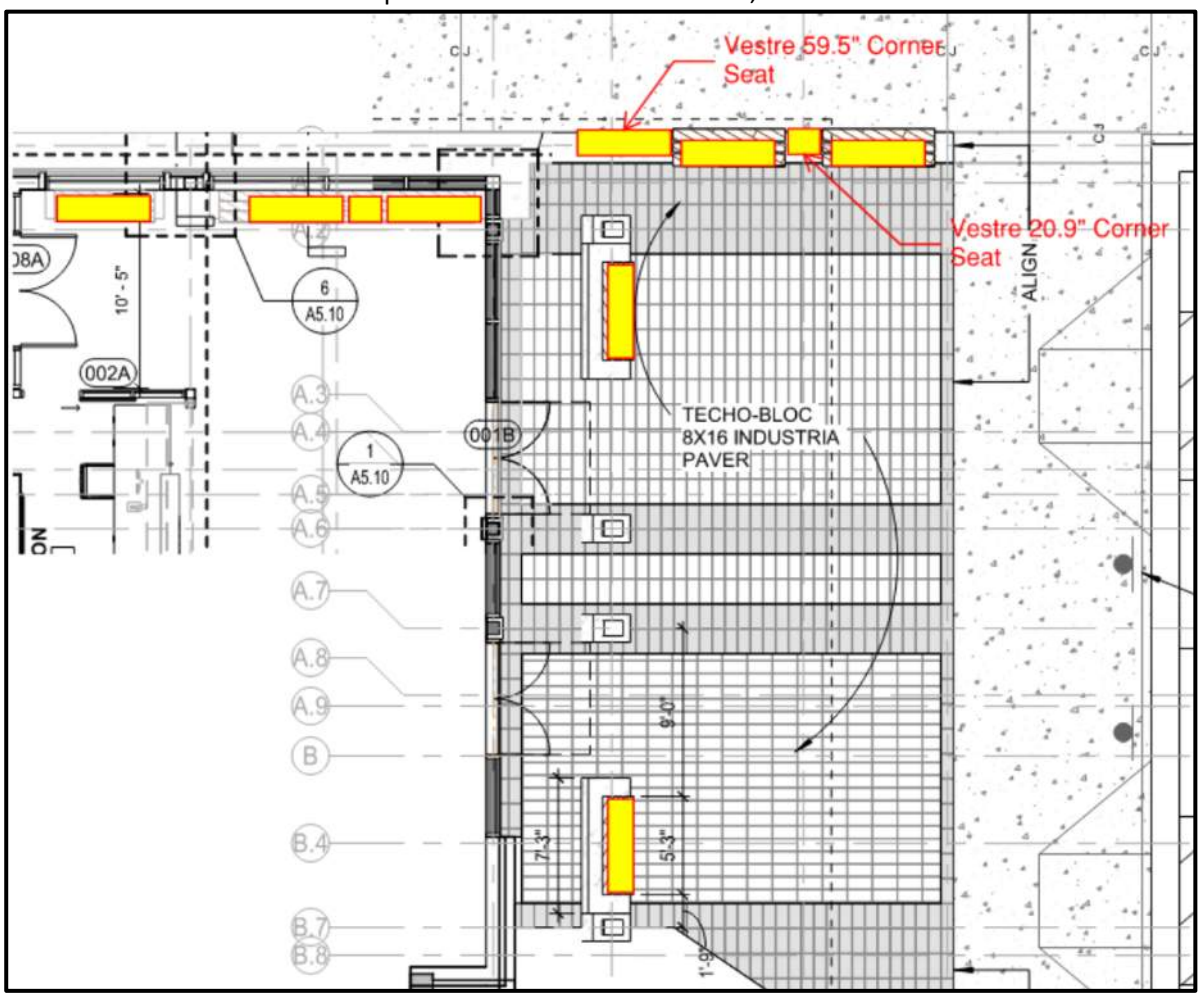
10/21/2021 GMP Impact Items - Narrative

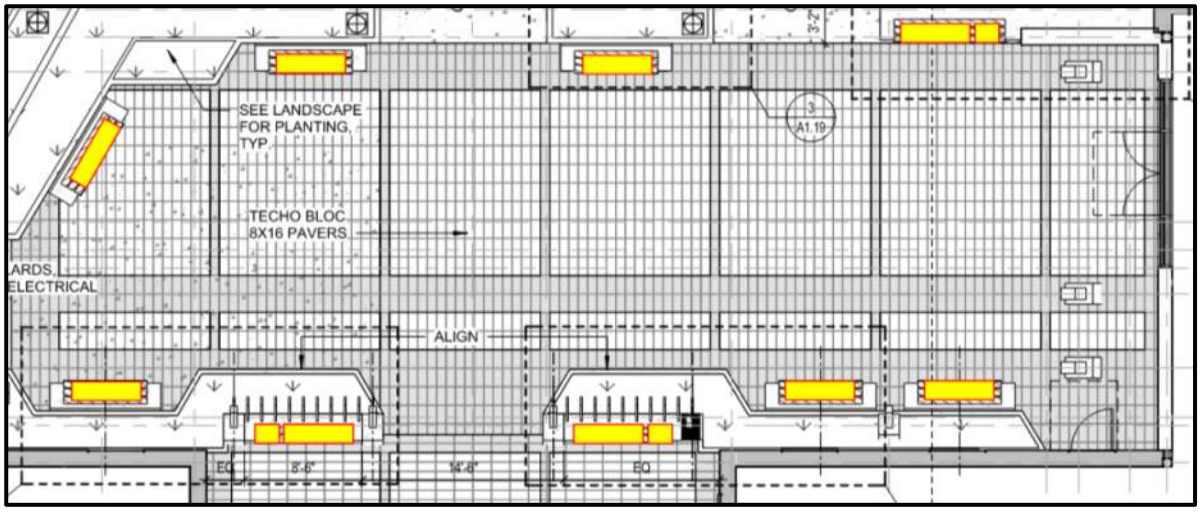
1. Color for PL-1 changed from Vapor Strandz 4939K-18 to Dove Geo Y0677-60 (2-4 week lead time)
2. Color for PL-2 changed from Washi Gold 5019-38 to White Cascade 5003-38
3. Color for SS-1 changed from Oatmeal 9101GS to Frosty White Mirage 1573MG
4. Dog Gallery and Hall 010 are open to structure. Areas highlighted in red to have drywall bulkhead to go up to deck to close off plenum space in this area.



5. Sheet A4.11 shows Herringbone pattern tile in Single-Use Restrooms. This tile will be CWT-1 and will have 33% offset subway tile pattern (similar to elevations of restroom 049 and 050 on 3/A4.10).
6. Revisions to Equipment Schedule (per 10/18/21 meeting) – Revisions to be sent out on 10/22/21

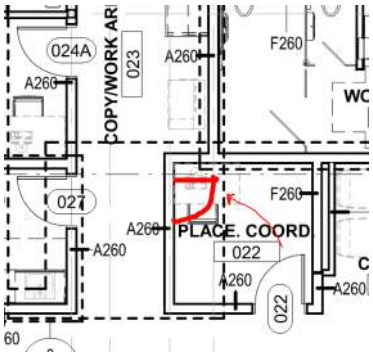
7. Concrete Bench Seat - Possible product: Manufacturer: Vestre, Product: Corner



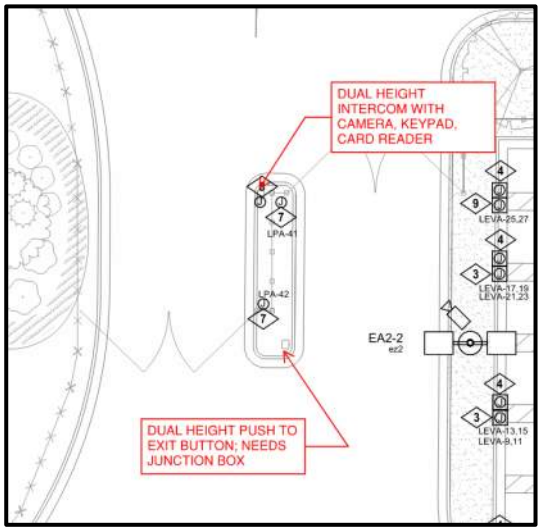


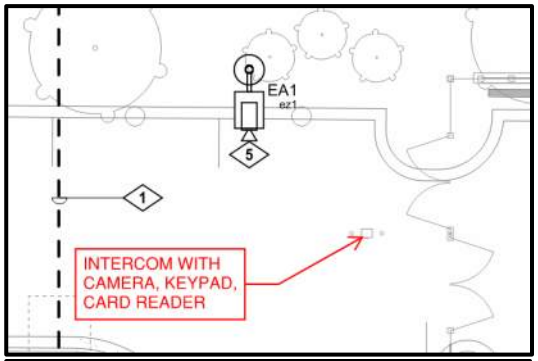
8. Study if Solid Wood doors should be stained or laminated

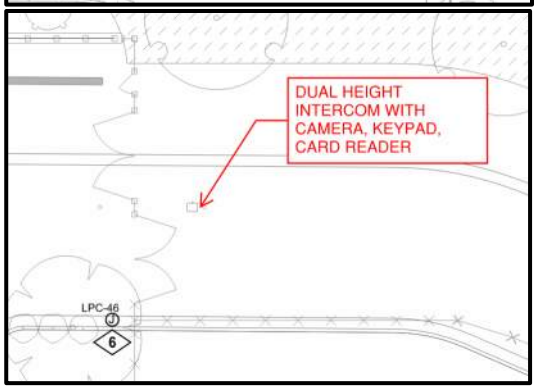
9. 022 Placement Coordinator Door to be Wood Door with HM Frame and moved for better privacy



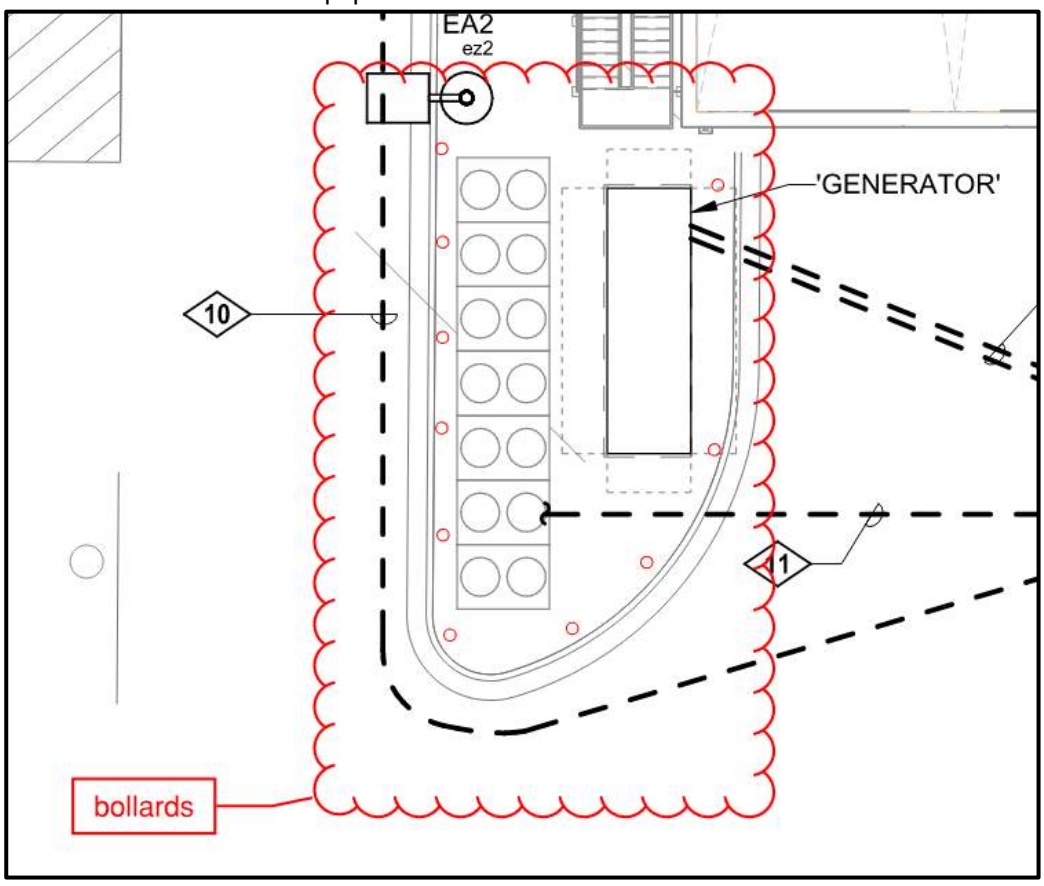
10. Call boxes, keypads, card readers at gated entries to be added

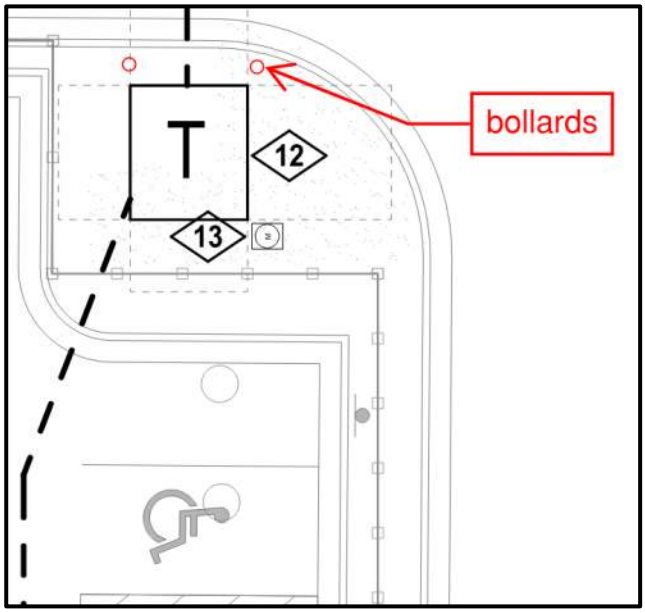




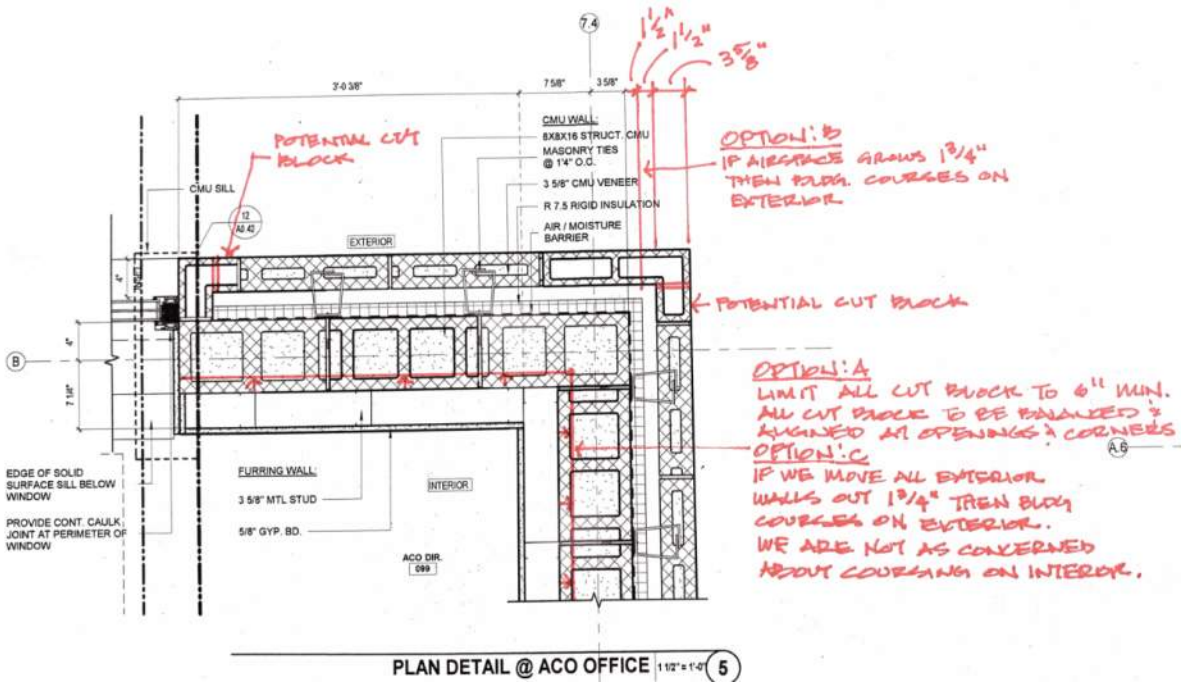


11. Bollards around exterior equipment to be added

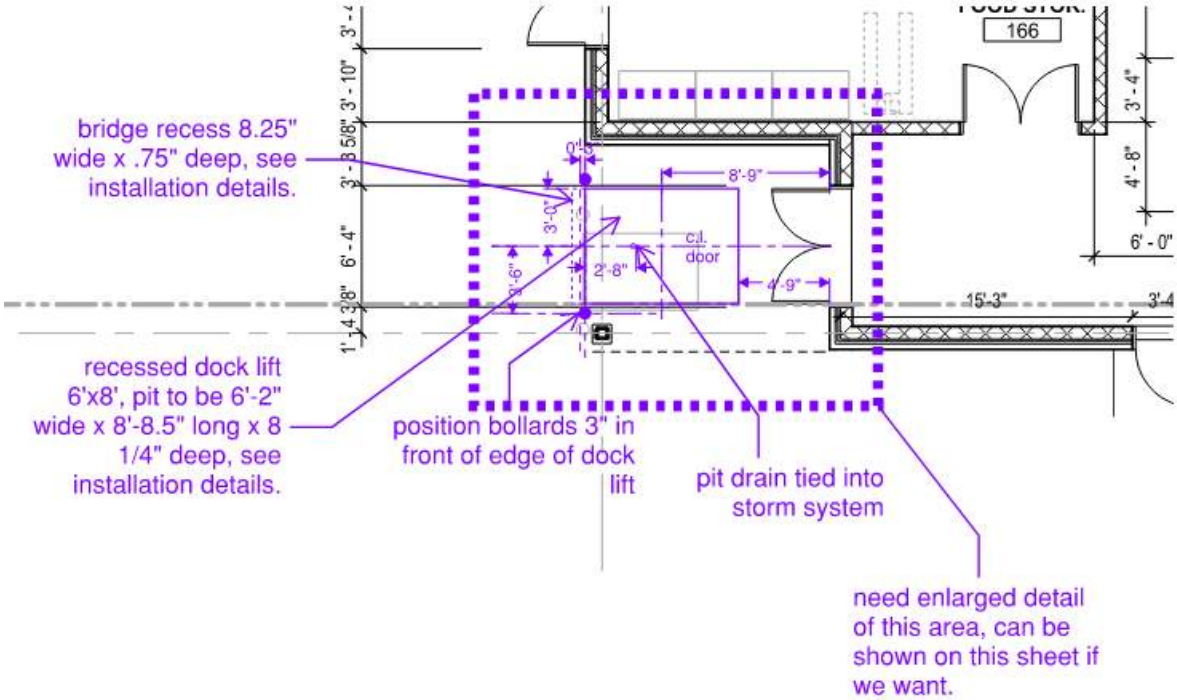




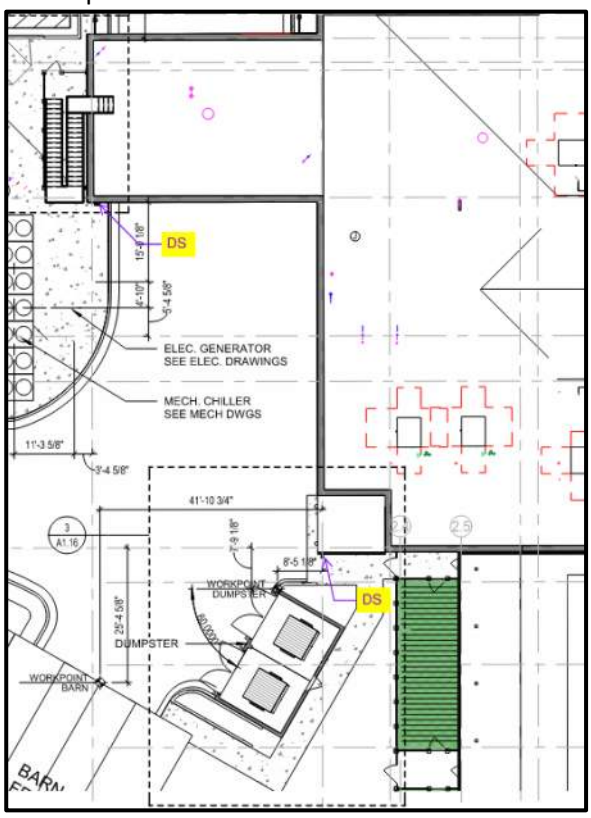
12. CMU veneer coursing to be studied (larger air gap vs expanding building to work with exterior coursing) – GC to contact mason.

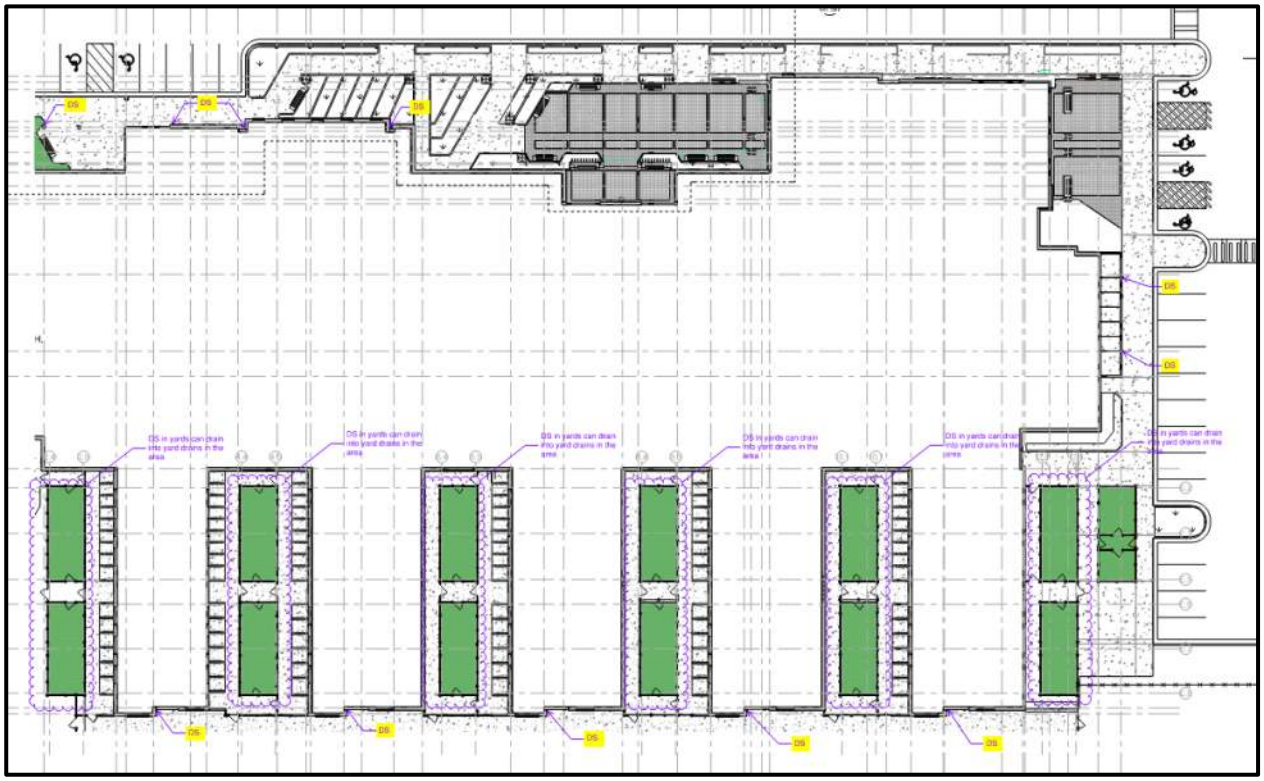


13. Power to be added for Building Mounted Fulton County Sign
14. Revised Door Schedule Sent to GC on 10/20. 022, 119B, 120B, 121B, 122B, 126A, 127A to be wood doors; 503B to be Half Glass panel.
15. Dock lift to have drain (see email from Greg Mullin 10/21/21



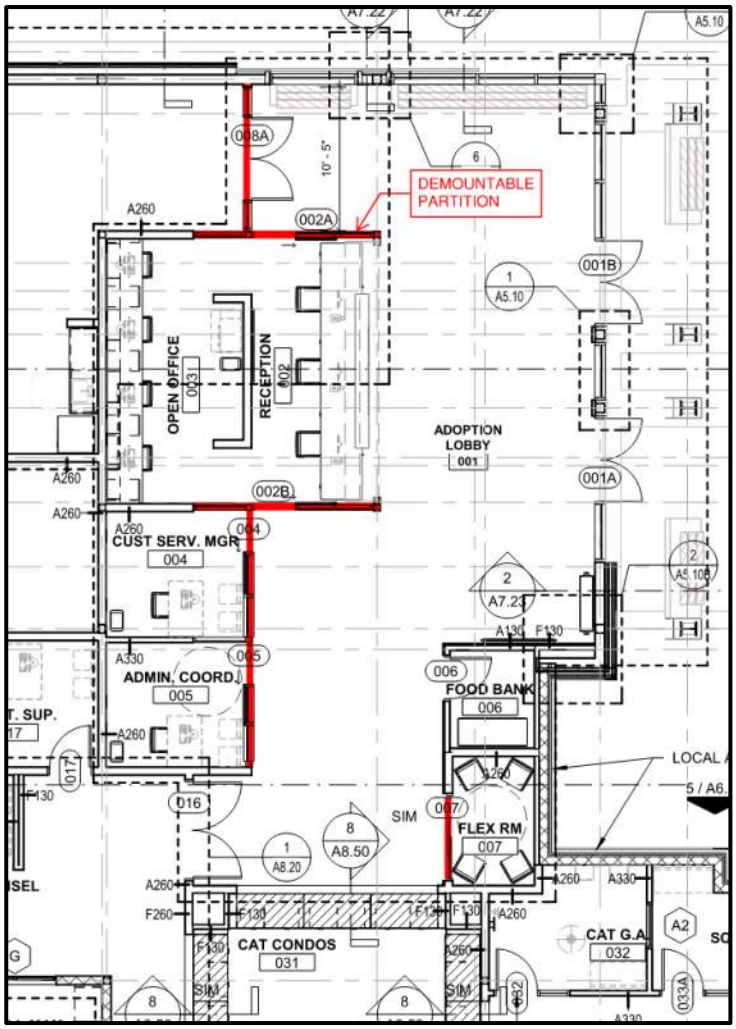
16. Downspouts to be tied into storm





10/25/2021 GMP Impact Items - Narrative

17. Walk Off Mats to be added to meet LEED Requirements (see attached diagram for locations)
18. Exterior Signage to be added at Intake Lobby/Clinic area. Will not need power
19. No Smoking Sign at all entries per attached diagram
20. Demountable Partitions at lobby to be priced out. Will be sent to GC week of 10/25.



11/2/2021 GMP Impact Items – Narrative

21. Door 200A to be changed to Aluminum – Full Glass
22. Add shades at interior door and glazing at conference room for privacy

WINTER JOHNSON GROUP

Mitchell METALS

Aluminum Canopies • Walkway Covers • Metal Awnings

Fulton County Animal Facility

Type of Canopy:	Extruded Aluminum Walkway Covers, Overhead Supported Rod Canopies and Trellis Structures:
Post Supported Walkway Sizes:	(A) 1 @ 18'-0" x 31'-0" x 12'-6" / (F) 1 @ 11'-0' x 13'-0" x 12'-6" / (G) 1 @ 10-6" x 84'-0" x 12'-8" (H) 5 @ 12'-0" x 84'-0" x 12'-6" / (I) 3 @ 6'-6" x 84'-0" (J) 1 @ 6'-6" x 95'-6" x 12'-6" (K) 1 @ 8'-0" x 12'-0" x 12'-6" (L) 3 @ 9'-6" x 12'-0" x 12'-6" (M) 8 @ 8'-0" x 12'-0" x 12'-6"
Rod supported Canopies Sizes:	(B) 1 @ 3'-0" x 41'-0" (N) 5 @ 4'-0" x 19'-0"
Trellis Sizes:	(C) 1 @ 17'-6 x 69'-6" 12'-6 (D) 2 @ 12'-3" x 33'-0" x 12'-6" (E) 12 @ 12'-0" x 30'-0"

Materials:

Columns:	4" x 4" / 4" x 6" / 6" x 6" Extruded Aluminum
Beams:	4" x 6"/ 6" x 8" Extruded Aluminum
Trellis Tubes:	2" x 6" Extruded Aluminum
Gutter / Fascia:	6" Extruded Aluminum
Decking:	3" x 6" Extruded Aluminum Cap & Pan
Overhead Rods:	2" x 2" Extruded Aluminum Tube
Color / Finish:	Kynar 2-coat – one color only, from Mitchell Metals Standard Kynar Colors. Custom Kynar colors available with a 3 to 4-week additional lead time.

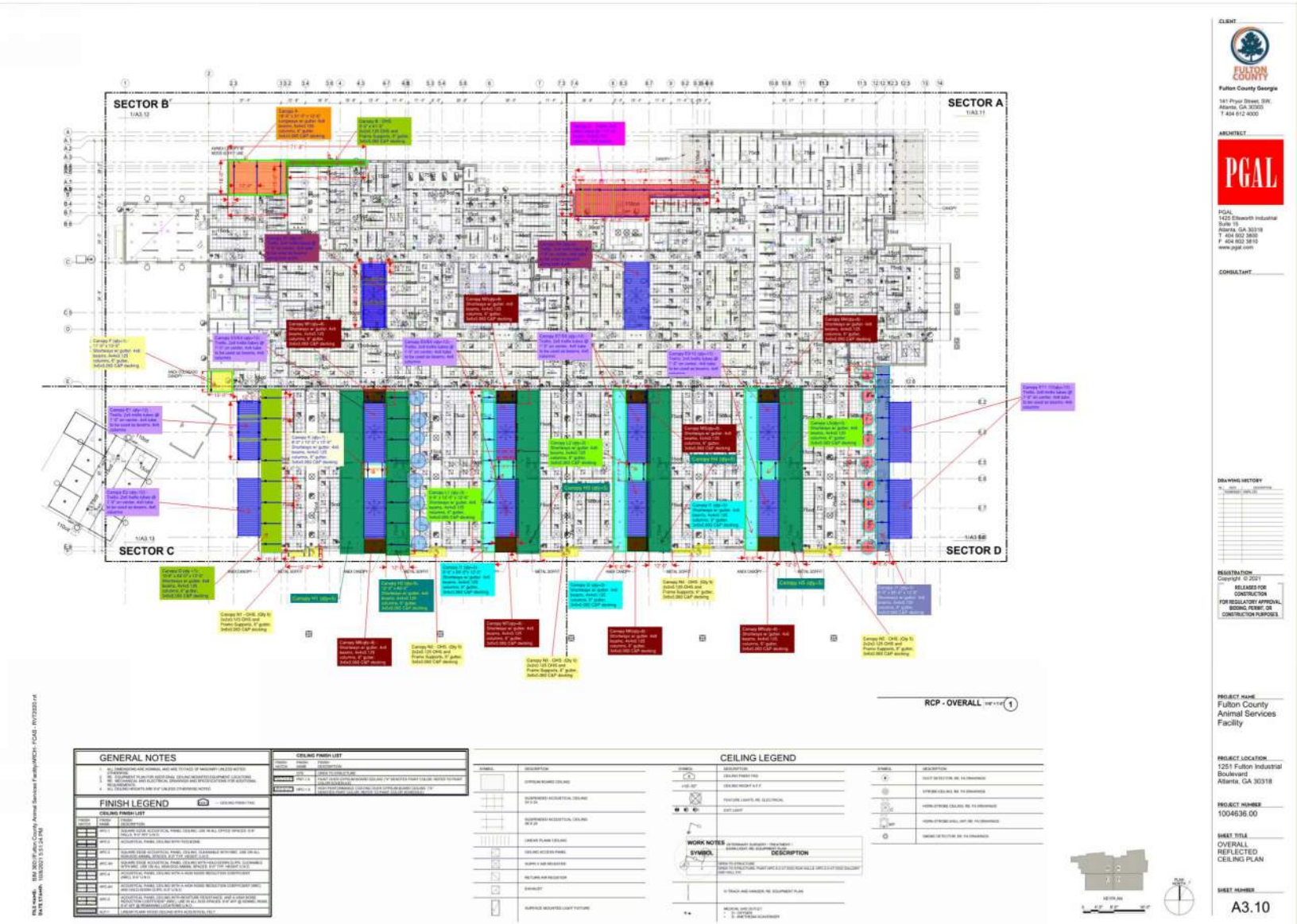
Notes & Exclusions:

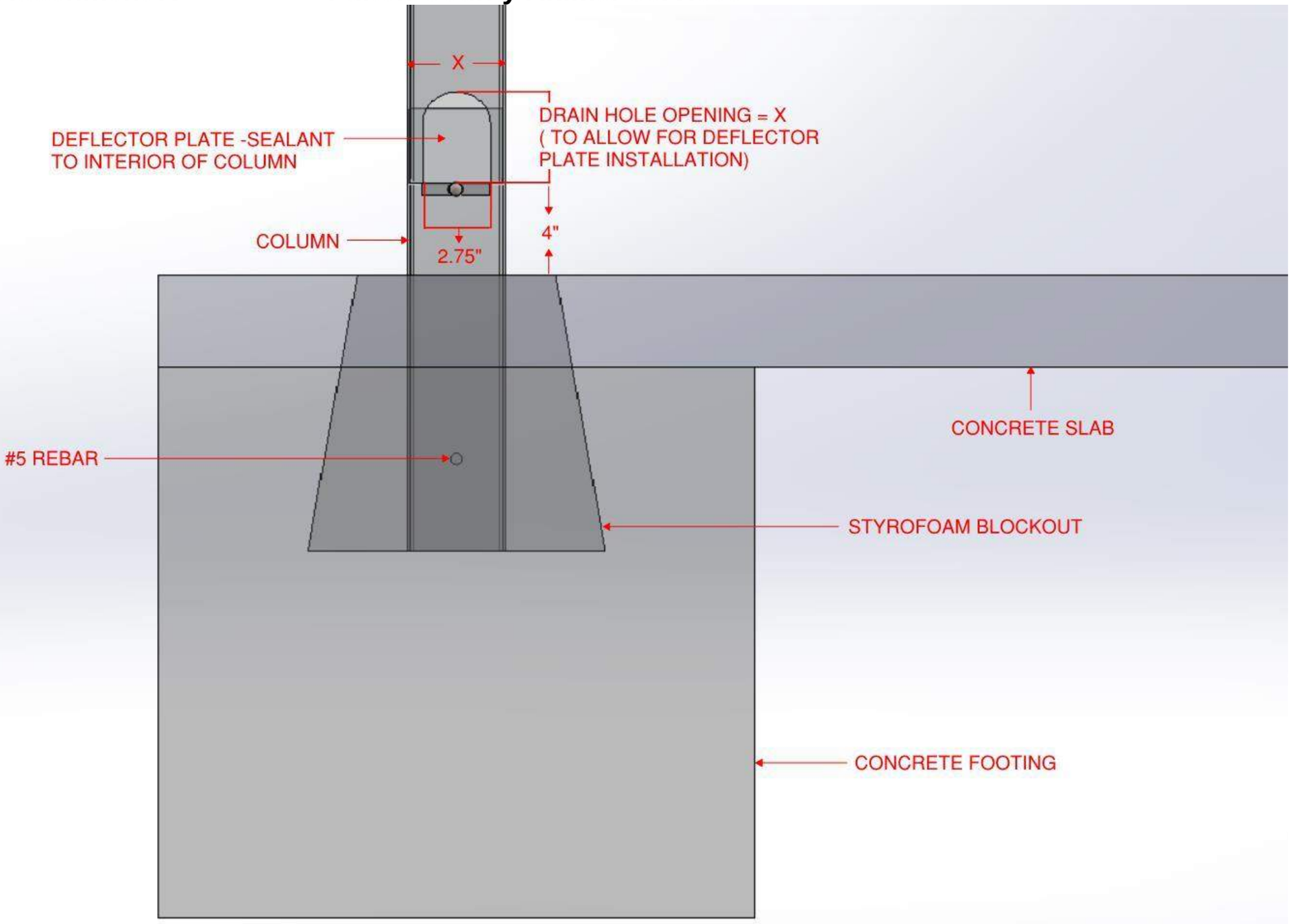
- Mitchell Metals is providing custom designed systems utilizing the standard Prefabricated / Pre-engineered Parts and pieces listed above (See attached sketch).
- No specifications were provided for this scope of work.
- Price is based on Mitchell Metals interpretation of the Scope provided by Winter Construction
- Footing design and installation excluded. Mitchell Metals to provide Styrofoam block outs with installation by others.
- Blocking (if required) to support canopy gutter and overhead rods EXCLUDED. Blocking to be furnished and installed by others per Mitchell Metals' APPROVED Shop Drawings. *Blocking must be accessible during time of canopy installation to allow for proper canopy attachment.* Wall conditions: Brick/CMU
- Any demolition, lighting, conduit covers, thru-wall flashing, bonds and Davis Bacon Wage Rates excluded.
- Canopies are not designed to handle building roof drainage and will result in overflow of canopy system.

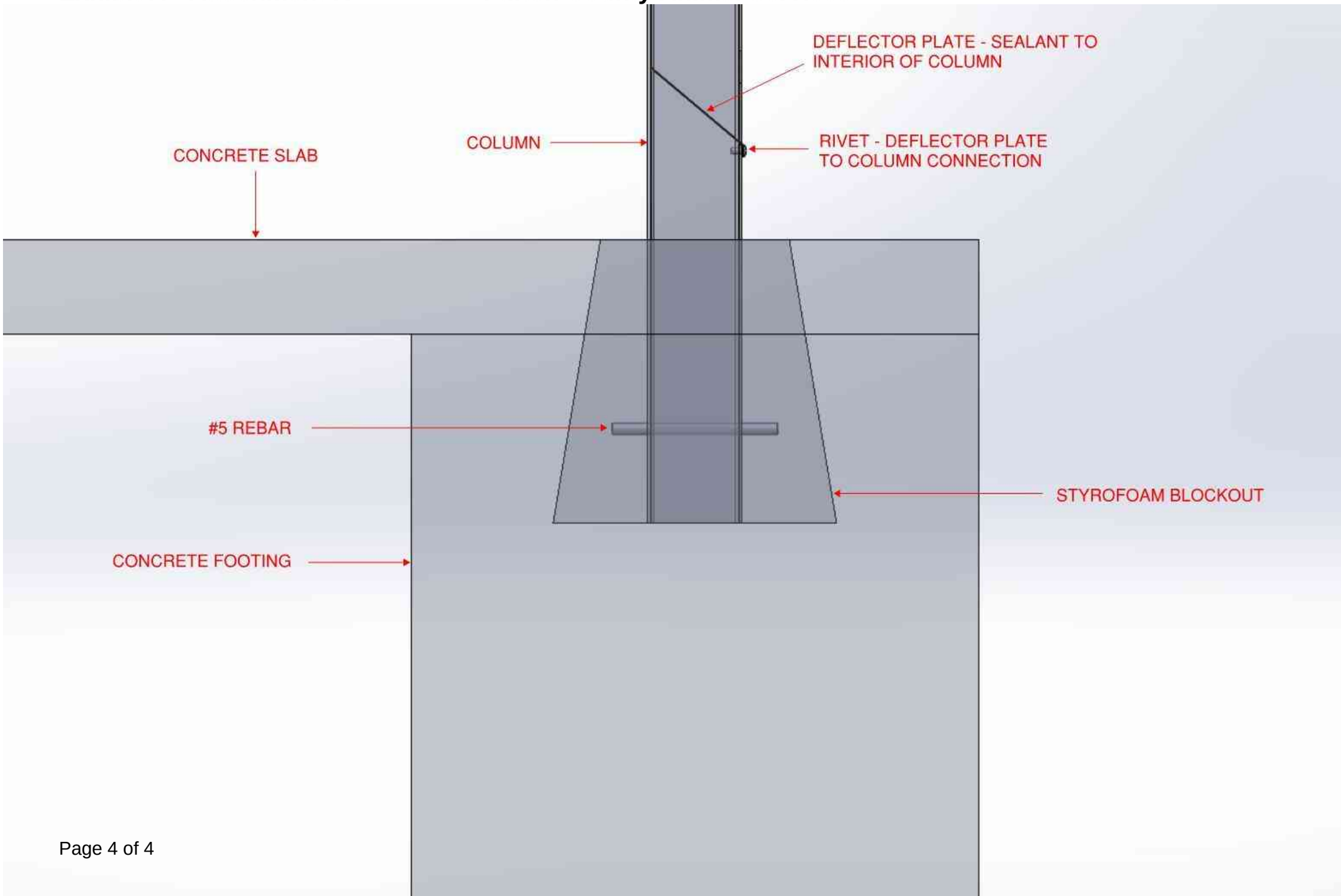
General Notes:

- **Georgia** PE sealed drawings and design calculations are included in this price. Canopy is designed to meet IBC with Wind Load requirements of 120mph, 20 psf Live Load and 5 psf Snow Load, Exposure Category – C, Risk Category – II.

Project Lead Time: May 17th, 2022 – Mitchell Metals minimum lead time based on bid date above.


SECTOR B
SECTOR A
SECTOR C
SECTOR D
RCP - OVERALL
GENERAL NOTES
FINISH LEGEND
CEILING FINISH LIST
CEILING LEGEND
WORK NOTES
SYMBOL
DESCRIPTION
CLIENT
Fulton County Georgia
ARCHITECT
PGAL
CONSULTANT
DRAWING HISTORY
REGISTRATION
Copyright © 2021
RELEASED FOR CONSTRUCTION
FOR REGULATORY APPROVAL, BIDDING, PERMIT, OR CONSTRUCTION PURPOSES
PROJECT NAME
Fulton County Animal Services Facility
PROJECT LOCATION
1251 Fulton Industrial Boulevard
Atlanta, GA 30318
PROJECT NUMBER
1004636.00
SHEET TITLE
OVERALL REFLECTED CEILING PLAN
SHEET NUMBER
A3.10


X
DRAIN HOLE OPENING = X
(TO ALLOW FOR DEFLECTOR
PLATE INSTALLATION)
DEFLECTOR PLATE -SEALANT
TO INTERIOR OF COLUMN
COLUMN
2.75"
4"
CONCRETE SLAB
#5 REBAR
STYROFOAM BLOCKOUT
CONCRETE FOOTING


DEFLECTOR PLATE - SEALANT TO INTERIOR OF COLUMN
COLUMN
RIVET - DEFLECTOR PLATE TO COLUMN CONNECTION
CONCRETE SLAB
#5 REBAR
STYROFOAM BLOCKOUT
CONCRETE FOOTING

Sierra Dennis, LEED AP BD+C, WELL AP, Fitwel Ambassador | Sustainability Consultant
Integral Consulting Engineering | **Trust** | **Nurture** | **Inspire**
P: 404.481.5686x1611
integralgroup.com | Sierra.Dennis@integralgroup.com
1000 Marietta St, NW, Suite 238, Atlanta, GA 30318 | Just released! Read the WorldGBC's ***Beyond Buildings*** rep

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-----Original Appointment-----
From: Sierra Dennis
Sent: October 20, 2021 11:58 AM
To: Sierra Dennis; Greg Mullin; Kelley Park; Briana Keith; Jerry Oglesbee; 'Clemente Quinones'; 'amaddox@greenbergfarrow.com'; Mar Goldstone; heather@animalarts.com; sarah@animalarts.com; bbarnes@epstengroup.com; Jeremy@2020engineer.com; mwothe@aedesign-inc.com; kkeller@aedesign-inc.com; jmullikin@aedesign-inc.com; gpfile@aedesign-inc.com; dave@2020engineer.com; carrie@2020engineer.com; kelli@2020engineer.com; enielsen@aedesign-inc.com; skaltz@aedesign-inc.com; Steph Powell; Taylor Marshall; Andi Walter; Jean Shi; Kathleen Truong; Akemi Flores; Blake Bredbenner; Caty Townsend; erin@2020engineer.com; Jonathan Pilgrim; 'Sarah McCracken'; 'Patrick Nesbitt'; 'William Mensah'
Cc: Anais Engel; Marilyn Specht; John Nelson; Ruicong Liu
Subject: LEED Online Help Session
When: October 25, 2021 1:00 PM-1:30 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Microsoft Teams Meeting

Hi FCASF team,

I will be hosting a 30-minute session, for all team members, demonstrating how to navigate the LEED Online profile, including setting-up accounts, reviewing credits, uploading documents, etc. The meeting will be recorded and shared. Please forward this invite to team members, as needed.

*PLEASE NOTE: The LEED Online interface is most efficient when using an **Internet Explorer** browser!*

Best,

Sierra Dennis
Sustainability Consultant
Integral Group

Additional Resources:

- LEED Online
- USGBC
- LEED v4 credits
- LEED v4.1 credits

Microsoft Teams meeting

Join on your computer or mobile app
Click here to join the meeting

From: Sarah McCracken
Sent: Tuesday, October 26, 2021 3:38 PM
To: Drew Clayton; William Mensah; Patrick Nesbitt
Cc: Carrie Campbell; 21123
Subject: FW: FCASF: Recording - LEED Online Help Session
Attachments: RE: FCASF: Recording - LEED Online Help Session

All,

I was able to speak to Sierra this afternoon. See response below in blue.

We discussed scheduling a WJG huddle to get into more specifics of the LEED construction credits in the next 2-3 weeks, after the design submission is complete. Pat, can you take the lead on reaching out to Sierra the week of November 15th?

Thanks,

Sarah McCracken | LEED AP
Project Executive
404-965-3350 (d)
404-861-7099 (c)

From: Sarah McCracken
Sent: Monday, October 25, 2021 4:10 PM
To: Drew Clayton <dclayton@winter-construction.com>
Cc: Patrick Nesbitt <pnesbitt@winter-construction.com>; William Mensah <WMensah@winter-construction.com>
Subject: FW: FCASF: Recording - LEED Online Help Session

Drew (and team),

FYI…..

I left a voicemail with Sierra to chat about who the WJG contact will be (maybe need a couple options) along with some general questions as noted: Sierra confirmed we can have multiple people assigned to credits (and encourages this) as the new LEED online system operates where you can only see the credits that you are assigned to, so it is good to have multiple people assigned to each credit. I suggest that Drew, Pat, and I all create USGBC accounts and are both assigned to the project.

- She mentioned LEED V4 and V4.1. Was curious as to why some credits seemed to fall under different versions as this hasn't been the case in the past. Although the project is registered under V4.0, we can select to use the newer v4.1 requirements for certain credits at will. Sierra explained that some of the v4.1 requirements are less stringent than v4.0. See attached e-mail for the credits she is assuming we will use v4.1 versus v4.0.

- Does WJG actually upload everything or do we send it to them to review and then they upload (the latter is how it worked on Central Library)? The Integral Group will review our submittals (i.e. IAQ plans, certification letters, etc.) before we upload to LEED Online. For the tracking spreadsheets, we will simply enter the information into LEED online and then The Integral Group will review. In summary, WJG enters/uploads all required credit back-up, but The Integral Group reviews/confirms everything and actually submits to USGBC.

- During the kick-off meeting, she mentioned that she would send us templates for required documentation plans, etc. I will request those…..Sierra confirmed she will send in the next week or so.

- If Certified wood is a pre-requisite for MRc3: Building Product Disclosure & Optimization Sourcing of Raw Materials Product Certified Wood is not a required pre-requisite. The requirement is simply a minimum of 5 product manufacturers meet one or more of the requirements (recycled content, regional content, renewable materials, and/or certified wood). It is all based on percentages of cost of construction so in theory we could meet the credit through recycled content (as an example) if we had 5 different product manufacturers that met the percentage requirement.

Let me know if anyone has any additional questions. I will let you know once I hear back from her.

Thanks,

Sarah McCracken | LEED AP
Project Executive
404-965-3350 (d)
404-861-7099 (c)

From: Sierra Dennis <Sierra.Dennis@integralgroup.com>
Sent: Monday, October 25, 2021 3:09 PM
To: Greg Mullin <GMullin@pgal.com>; Kelley Park <KPark@pgal.com>; Briana Keith <BKeith@pgal.com>; 'Jerry Oglesbee' <jerry@2020engineer.com>; 'Clemente Quinones' <clemente.quinones@loweengineers.com>; 'amaddox@greenbergfarrow.com' <amaddox@greenbergfarrow.com>; Mar Goldstone <mgoldstone@epstengroup.com>; heather@animalarts.com; sarah@animalarts.com; bbarnes@epstengroup.com; Jeremy@2020engineer.com; mwothe@aedesign-inc.com; kkeller@aedesign-inc.com; jmullikin@aedesign-inc.com; gpfile@aedesign-inc.com; dave@2020engineer.com; carrie@2020engineer.com; kelli@2020engineer.com; enielsen@aedesign-inc.com; skaltz@aedesign-inc.com; Steph Powell <spowell@aedesign-inc.com>; Taylor Marshall <TMarshall@pgal.com>; Andi Walter <awalter@aedesign-inc.com>; Jean Shi <jshi@greenbergfarrow.com>; Kathleen Truong <KTruong@pgal.com>; Akemi Flores <akemi.flores@loweengineers.com>; Blake Bredbenner <blake.bredbenner@loweengineers.com>; Caty Townsend <caty@animalarts.com>; erin@2020engineer.com; Jonathan Pilgrim <jonathan@animalarts.com>; Sarah McCracken <SMcCracken@winter-construction.com>; Patrick Nesbitt <pnesbitt@winter-construction.com>; William Mensah <WMensah@winter-construction.com>
Cc: Anais Engel <aengel@integralgroup.com>; Marilyn Specht <mspecht@integralgroup.com>; John Nelson <john.nelson@integralgroup.com>; Ruicong Liu <rliu@integralgroup.com>
Subject: FCASF: Recording - LEED Online Help Session

Hi All,

Please see below for the *LEED Online Help Session* recording - the Sharepoint link password is **FCASF2021**

https://integralgroup2-my.sharepoint.com/:v:/g/personal/sierra_dennis_integralgroup_com/EQ0cl2JjbitNm6CuqlrEi_wBX2zvbETnx-ve_aXptLBymA?e=1UBZLz

Best,
Sierra Dennis

From: Borders, Armond <Armond.Borders@fultoncountyga.gov>
Sent: Monday, November 1, 2021 9:40 AM
To: Greg Mullin
Cc: Sarah McCracken; William Mensah; Kelley Park
Subject: RE: TLMM TMANI60 Fulton County Animal Services Facility 102121
Attachments: RE: Fulton County Animal Services Facility - Roofing Specifications TLMM TMANI60

Yes, I got a response back on Friday and I am sorry for the late response. Sam Bakare (County Building Construction Administrator) *stated "The most important thing for us is the warranty period, which in this case is 20 years with Manufacturer guarantee. We will leave the installation and inspection assurance to the A/E of record."*

See the attached email for record as well.

Armond Borders | Project Manager
HEERY/**McAfee3**, A Joint Venture
FCURA – Project Management Team
Department of Real Estate & Asset Management
Fulton County Government Center
141 Pryor Street, SW - Suite 6001
Atlanta, GA 30303
404-612-5916 (office) | 470-201-8508 (CELL)
Email: Armond.Borders@fultoncountyga.gov

From: Greg Mullin [mailto:GMullin@pgal.com]
Sent: Monday, November 1, 2021 9:38 AM
To: Borders, Armond <Armond.Borders@fultoncountyga.gov>
Cc: Sarah McCracken <SMcCracken@winter-construction.com>; William Mensah <WMensah@winter-construction.com>; Kelley Park <KPark@pgal.com>
Subject: RE: TLMM TMANI60 Fulton County Animal Services Facility 102121

Armond –
Have you heard anything back from the County's Roofing Manager?
Thanks.
Greg

GREG MULLIN AIA LEED AP
Principal

ALEXANDRIA	**BOCA RATON**	**DENVER**	**LAS VEGAS**	**SAN DIEGO**
T 703 836 0588	**T** 561 988 4002	**T** 720 216 9600	**T** 702 435 4448	**T** 619 269 5288
ATLANTA	**CHICAGO**	**HOBOKEN**	**LOS ANGELES**	
T 404 602 3800	**T** 312 856 5006	**T** 201 984 6210	**T** 310 645 3276	
AUSTIN	**DALLAS/FT WORTH**	**HOUSTON**	**SALT LAKE CITY**	

WINTER JOHNSON GROUP

T 512 236 1005 T 972 871 2225 T 713 622 1444 T 801 999 9850

PGAL.COM

From: Greg Mullin
Sent: Wednesday, October 27, 2021 10:21 AM
To: 'William Mensah' <WMensah@winter-construction.com>; Sarah McCracken <SMcCracken@winter-construction.com>
Subject: FW: TLMM TMANI60 Fulton County Animal Services Facility 102121

FYI, they, and I, would like the County to sign off on this as an acceptable solution. Technically, it is fine with PGAL and we can get our specs revised to reflect the actual installation. However, I think that we all want to make sure that it meets the County's requirements from a warranty and insurability standpoint.
Thanks.
Greg

From: Borders, Armond <Armond.Borders@fultoncountyga.gov>
Sent: Wednesday, October 27, 2021 7:58 AM
To: Greg Mullin <GMullin@pgal.com>; Dunlap, Duane @ ATLANTA <Duane.Dunlap@cbre.com>
Subject: RE: TLMM TMANI60 Fulton County Animal Services Facility 102121

It looks good to me and still achieves a 20 year warranty. I may need to check with the County's Roofing Manager Michelle Cox just to make sure.

Armond Borders | Project Manager
HEERY/**McAfee3**, A Joint Venture
FCURA – Project Management Team
Department of Real Estate & Asset Management
Fulton County Government Center
141 Pryor Street, SW - Suite 6001
Atlanta, GA 30303
404-612-5916 (office) | 470-201-8508 (CELL)
Email: Armond.Borders@fultoncountyga.gov

From: Greg Mullin [mailto:GMullin@pgal.com]
Sent: Tuesday, October 26, 2021 3:00 PM
To: Borders, Armond <Armond.Borders@fultoncountyga.gov>; Dunlap, Duane @ ATLANTA <Duane.Dunlap@cbre.com>
Subject: FW: TLMM TMANI60 Fulton County Animal Services Facility 102121

Not sure who at the County would want or need to review…but this does achieve a 20-yr warranty, if that is acceptable to the County.

GREG MULLIN AIA LEED AP
Principal

WINTER JOHNSON GROUP

ALEXANDRIA	BOCA RATON	DENVER	LAS VEGAS	SAN DIEGO
T 703 836 0588	T 561 988 4002	T 720 216 9600	T 702 435 4448	T 619 269 5288
ATLANTA	CHICAGO	HOBOKEN	LOS ANGELES	
T 404 602 3800	T 312 856 5006	T 201 984 6210	T 310 645 3276	
AUSTIN	DALLAS/FT WORTH	HOUSTON	SALT LAKE CITY	
T 512 236 1005	T 972 871 2225	T 713 622 1444	T 801 999 9850	

PGAL.COM

From: William Mensah <WMensah@winter-construction.com>
Sent: Monday, October 25, 2021 7:25 PM
To: Greg Mullin <GMullin@pgal.com>
Cc: Kelley Park <KPark@pgal.com>; Sarah McCracken <SMcCracken@winter-construction.com>; Drew Clayton <dclayton@winter-construction.com>; Patrick Nesbitt <pnesbitt@winter-construction.com>
Subject: FW: TLMM TMANI60 Fulton County Animal Services Facility 102121

Greg,
Pleased see attached assembly letter from GAF showing that fastening all layers of substrate, insulation and cover boards simultaneously and mechanically attaching a 60 mil TPO is eligible for a 20 year NDL warranty as called for in the specifications.
Thanks,
William Mensah LEED AP
Senior Estimator
Winter Construction
404-965-3347 (d)
404-822-6273 (c)
404-588-3300 (o)

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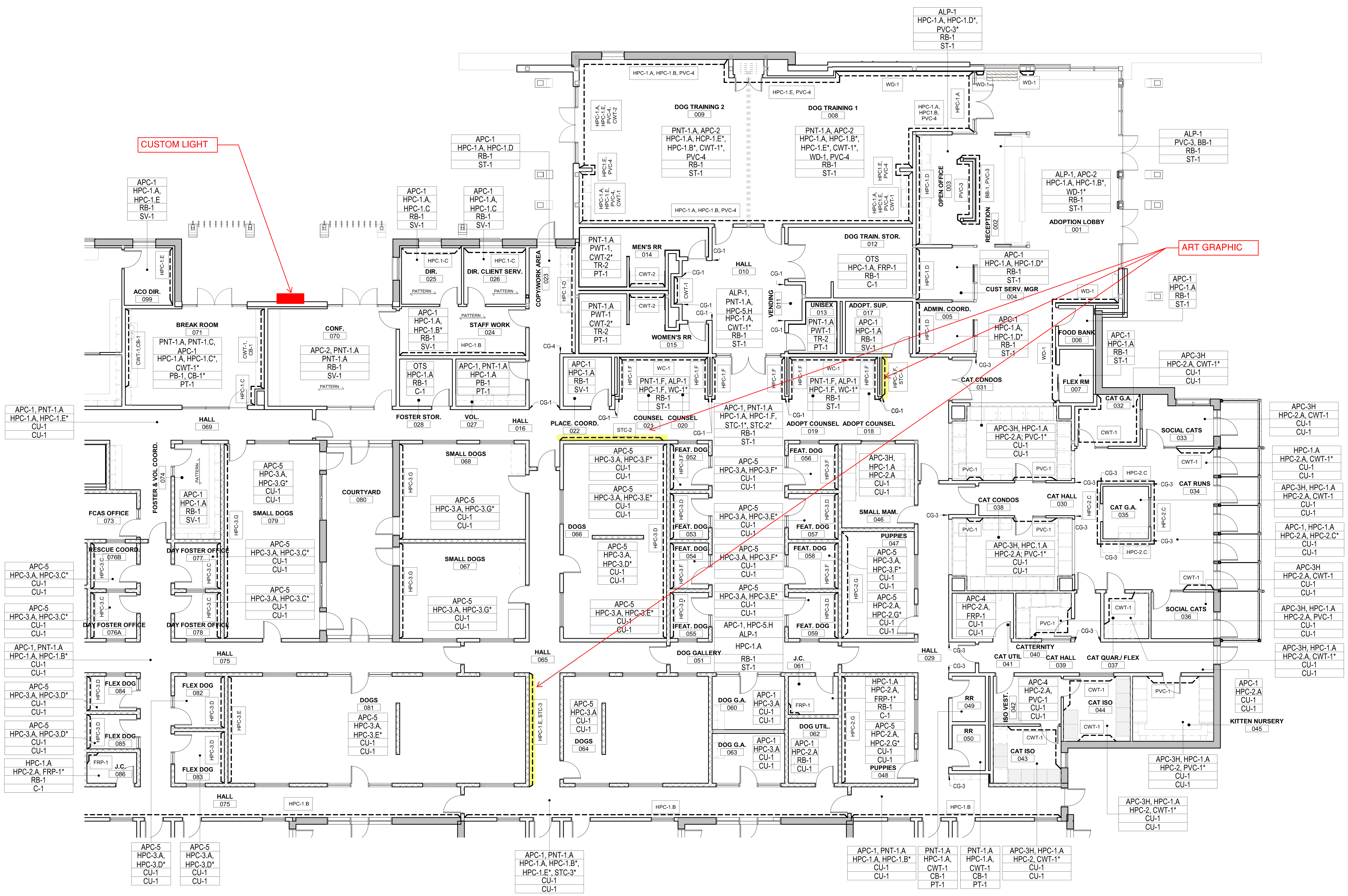
Fulton County Animal Shelter



MATERIALS & FINISHES

MATERIAL DESCRIPTION MARK	SUBCATEGORY
ALP-1	ACOUSTICAL LINEAR PLANK
APC-1	ACOUSTICAL PANEL CEILING
APC-2	ACOUSTICAL PANEL CEILING
APC-3	ACOUSTICAL PANEL CEILING
APC-3H	ACOUSTICAL PANEL CEILING
APC-4	ACOUSTICAL PANEL CEILING
APC-4H	ACOUSTICAL PANEL CEILING
APC-5	ACOUSTICAL PANEL CEILING
BB-1	BULLETIN BOARD
C-1	SEALED CONCRETE
CG-1	CORNER GUARD
CG-2	CORNER GUARD
CG-3	CORNER GUARD
CG-4	CORNER GUARD
CU-1	CEMENTITIOUS RESINOUS
CWT-1	CERAMIC WALL TILE
CWT-2	CERAMIC WALL TILE
FRP-1	FIBERGLASS REINFORCED PLASTIC
HPC-1	HIGH PERFORMANCE COATING
HPC-2	HIGH PERFORMANCE COATING
HPC-3	HIGH PERFORMANCE COATING
HPC-5	HIGH PERFORMANCE COATING
OP-1	OPERABLE PARTITION
PL-1	HIGH PRESSURE LAMINATE
PL-2	HIGH PRESSURE LAMINATE
PL-3	HIGH PRESSURE LAMINATE
PNT-1	INTERIOR PAINT
PT-1	PORCELAIN TILE
PVC-1	PVC SHEET WALL COVERING
PVC-2	PVC RUB RAIL
PVC-3	PVC SHEET WALL COVERING
PVC-4	PVC SHEET WALL COVERING
PWT-1	PORCELAIN WALL TILE
PWT-2	GAUGED PORCELAIN TILE
QZ-1	QUARTZ
RB-1	RUBBER BASE
RB-2	RUBBER BASE
RP-1	RESINOUS PANEL
SS-1	SOLID SURFACE
SS-2	SOLID SURFACE
ST-1	STAINED CONCRETE
SV-1	SHEET VINYL
SV-2	SHEET VINYL
TP-1	TOILET PARTITION
TR-1	WALL TRIM
TR-2	WALL TRIM
WC-1	WALL COVERING
WD-1	COMPOSITE WOOD
WF-1	WINDOW FILM

ROOM FINISH TAG:

CEILING
WALL
BASE
FLOOR

* DENOTES ACCENT WALL FINISH
A - FIELD COLOR
B - ACCENT, RE: FINISH SCHEDULE
C - ACCENT, RE: FINISH SCHEDULE
D - ACCENT, RE: FINISH SCHEDULE
E - ACCENT, RE: FINISH SCHEDULE
F - ACCENT, RE: FINISH SCHEDULE
G - ACCENT, RE: FINISH SCHEDULE

DENOTES FLOOR PATTERN DIRECTION:

PATTERN

GENERAL NOTES

1. REFER TO A9.10 FOR FINISH INFORMATION.
2. ALL FLOOR FINISHES TO BE CENTERED WITH ROOM UNLESS OTHERWISE NOTED.
3. ALL DIMENSIONS ARE TAKEN FROM FACE OF DRYWALL UNLESS NOTED OTHERWISE.
4. ALIGN FLOOR AND WALL TILES UNLESS NOTED OTHERWISE.
5. FLOOR DRAIN LOCATIONS IN RESTROOMS TO BE CENTERED ON TILE INTERSECTION. LOCATIONS ARE APPROXIMATE AND ARE SUBJECT TO BE ADJUSTED. CHROME FINISHED SQUARE FLOOR DRAIN AT PUBLIC AREAS. ADVISE ARCHTECT OF ANY DISCREPANCIES.
6. REFER TO INTERIOR ELEVATIONS FOR WALL FINISH DIMENSIONS AND LOCATIONS.
7. OUTSIDE CMU CORNERS TO BE BULLMOSE

CLIENT

FULTON COUNTY
Fulton County Georgia

141 Pryor Street, SW,
Atlanta, GA 30303
T 404 612 4000

ARCHITECT

PGAL

PGAL
1425 Ellsworth Industrial
Suite 15
Atlanta, GA 30318
T 404 602 3800
F 404 602 3810
www.pgal.com

CONSULTANT

DRAWING HISTORY

№.	DATE	DESCRIPTION
	10/08/2021	100% CD

REGISTRATION

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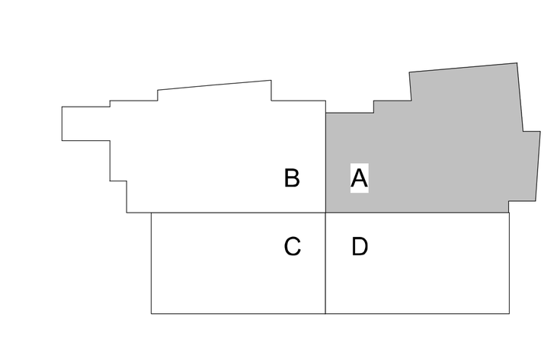
PROJECT NAME
Fulton County Animal Services Facility

PROJECT LOCATION
1251 Fulton Industrial Boulevard
Atlanta, GA 30318

PROJECT NUMBER
1004636.00

SHEET TITLE
FINISH PLAN - SECTOR A

FINISH PLAN - SECTOR A 1/8" = 1'-0" (1)



PLAN NORTH

SHEET NUMBER
A9.11

FILE NAME: BIM 360://Fulton County Animal Services Facility/ARCH - FCAS - RVT2020.rvt
DATE STAMP: 10/8/2021 4:51:58 PM

Fulton County Animal Shelter

SECTOR B

SECTOR A

SECTOR C

SECTOR D

60"d x 72"w WALK-OFF MAT UNDER EXTERIOR CANOPY AT ENTRY

60"d x 72"w WALK-OFF MAT INTERIOR SIDE OF ENTRY

60"d x 72"w WALK-OFF MAT UNDER EXTERIOR CANOPY AT ENTRY

60"d x 72"w WALK-OFF MAT INTERIOR SIDE OF ENTRY

60"d x 72"w WALK-OFF MAT UNDER EXTERIOR CANOPY AT ENTRY

60"d x 72"w WALK-OFF MAT INTERIOR SIDE OF ENTRY

120"d x 48"w WALK-OFF MAT INTERIOR SIDE OF ENTRY

120"d x 48"w WALK-OFF MAT INTERIOR SIDE OF ENTRY

120"d x 48"w WALK-OFF MAT INTERIOR SIDE OF ENTRY

IEQc1 WALK-OFF MAT PLACEMENT DIAGRAM

FLOOR PLAN - OVERALL 1/16" = 1'-0" (1)

From: Greg Mullin <GMullin@pgal.com>
Sent: Wednesday, November 3, 2021 4:57 PM
To: William Mensah; Kelley Park
Cc: Sarah McCracken
Subject: RE: Demountable Walls / Fulton County Animal Services Facility

I've used KI's demountable product before and this is acceptable.

GREG MULLIN AIA LEED AP
Principal

ALEXANDRIA	**BOCA RATON**	**DENVER**	**LAS VEGAS**	**SAN DIEGO**
T 703 836 0588	**T** 561 988 4002	**T** 720 216 9600	**T** 702 435 4448	**T** 619 269 5288
ATLANTA	**CHICAGO**	**HOBOKEN**	**LOS ANGELES**	
T 404 602 3800	**T** 312 856 5006	**T** 201 984 6210	**T** 310 645 3276	
AUSTIN	**DALLAS/FT WORTH**	**HOUSTON**	**SALT LAKE CITY**	
T 512 236 1005	**T** 972 871 2225	**T** 713 622 1444	**T** 801 999 9850	

PGAL.COM

From: William Mensah <WMensah@winter-construction.com>
Sent: Wednesday, November 3, 2021 4:24 PM
To: Greg Mullin <GMullin@pgal.com>; Kelley Park <KPark@pgal.com>
Cc: Sarah McCracken <SMcCracken@winter-construction.com>
Subject: FW: Demountable Walls / Fulton County Animal Services Facility

Greg/Kelley,
Attached is a demountable partition manufacturer's product information for your review. Please let us know if this would be acceptable.
Thanks,

William Mensah LEED AP
Senior Estimator
Winter Construction
404-965-3347 (d)
404-822-6273 (c)
404-588-3300 (o)

www.wintercompanies.com

From: Grant Huebner <Grant.Huebner@ki.com>
Sent: Wednesday, November 3, 2021 3:59 PM
To: William Mensah <WMensah@winter-construction.com>
Cc: Hassan Hagood <hassan@contractbusinessinteriors.com>; Cheryl Madison <cheryl@contractbusinessinteriors.com>; Carl Hagood <carl@contractbusinessinteriors.com>; Stephen Gamble <stephen@contractbusinessinteriors.com>
Subject: RE: Demountable Walls / Fulton County Animal Services Facility

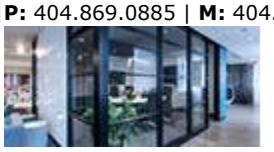
William,

Please see attached Genius Brochure, STC Report, and Environment Data Sheet.

This information should be more than sufficient for the architect. Let me know if there is any additional information that you may need.

Thank you.

GRANT HUEBNER | Wall Specialist-Strategic Accounts
P: 404.869.0885 | **M:** 404.323.5838 | **E:** grant.huebner@ki.com | ki.com



Due to the rising cost of raw materials, transportation and logistical shortages, effective July 12th all orders* received on or after this date will incur a 5% material & transportation surcharge.
*Some exclusions apply

From: Stephen Gamble <stephen@contractbusinessinteriors.com>
Sent: Wednesday, November 3, 2021 3:09 PM
To: wmensah@winter-construction.com
Cc: Hassan Hagood <hassan@contractbusinessinteriors.com>; Cheryl Madison <cheryl@contractbusinessinteriors.com>; Carl Hagood <carl@contractbusinessinteriors.com>; Grant Huebner <Grant.Huebner@ki.com>
Subject: RE: Demountable Walls / Fulton County Animal Services Facility

CAUTION: This message originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Grant,

I just spoke with William (Winter-Construction / copied). He is requesting the technical data of our product offering so as to forward to the Architect for approval. Please send as an attachment ASAP. Thank you.

Regards,

Stephen

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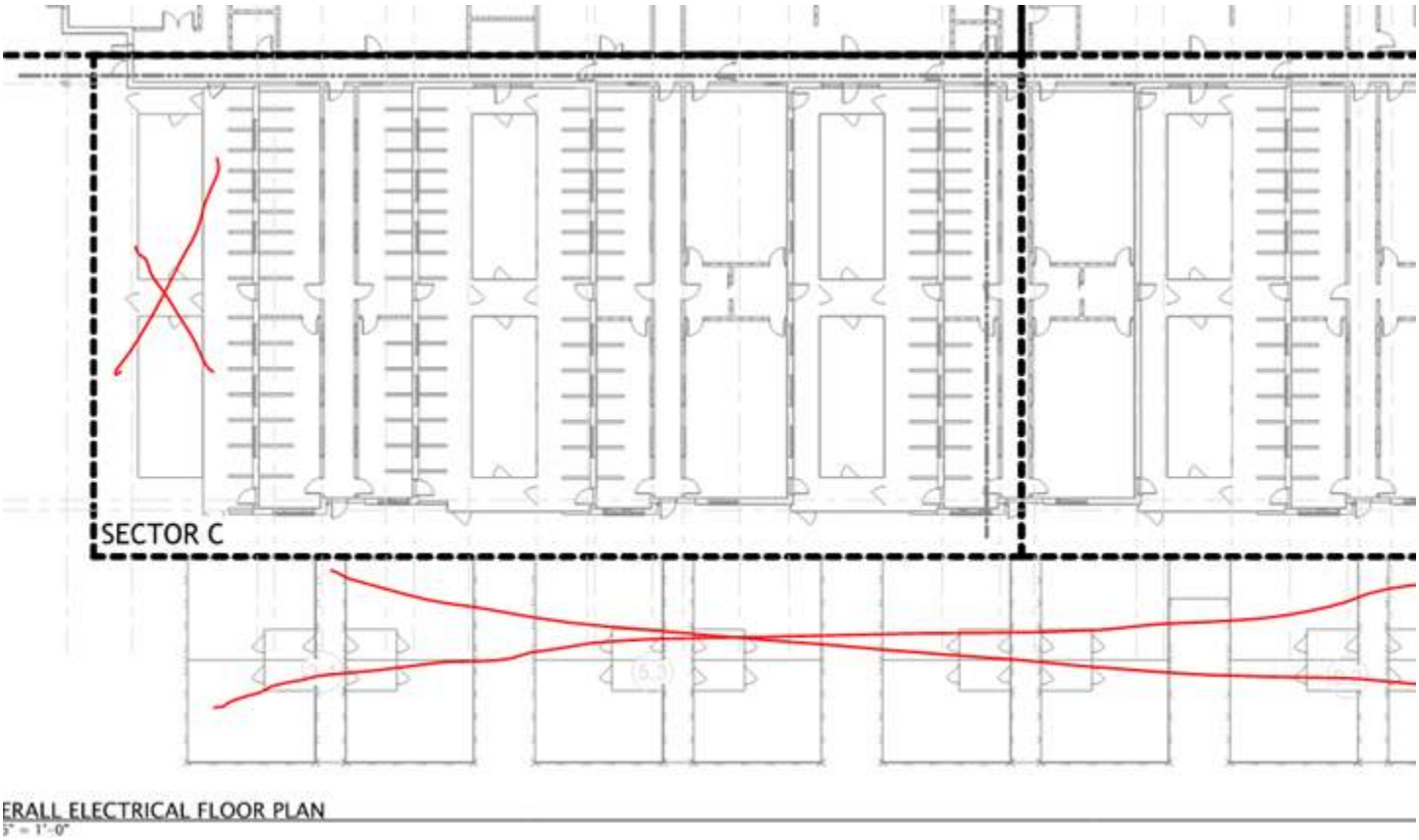
From: Kelley Park <KPark@pgal.com>
Sent: Monday, November 1, 2021 4:28 PM
To: Borders, Armond; Crayton, Gregory; Sarah McCracken
Cc: Dunlap, Duane @ ATLANTA; Drew Clayton; William Mensah; Patrick Nesbitt; Carrie Campbell; Greg Mullin; All.IT.Operations; Regis, Abdias; Kallmyer, Matthew; Dimond, Timothy; Mason, Bill; Eric Nielsen; Greg Pfile; Taylor Marshall; Briana Keith; Sarah Boman; Caty Townsend
Subject: RE: Animal Services Facility - IT/Security Scope Review - 11/01/21
Attachments: 2021-11-01_Animal Services Facility - FIB Updates.xls

Good Afternoon,
Please see updated Equipment spreadsheet from today's meeting.

I also followed up with Animal Arts and they mentioned if it is in the budget, then it would be ideal if the barn and the dog kennel run yards could have WAPs. The only areas where wifi is not needed is the west-most dog yard (this is only for the quarantine dogs) and the south-most yards.



I will send out Arch/Elec/IT floor plans for the County to use to coordinate laptop/computer/printer locations with Lifeline. This will be sent via Newforma as the file is to large to send by email.

Thank you,
Kelley

WINTER JOHNSON GROUP

KELLEY PARK RA RID LEED AP BD+C
Associate

ALEXANDRIA	**BOCA RATON**	**DENVER**	**LAS VEGAS**	**SAN DIEGO**
T 703 836 0588	T 561 988 4002	T 720 216 9600	T 702 435 4448	T 619 269 5288
ATLANTA	**CHICAGO**	**HOBOKEN**	**LOS ANGELES**	
T 404 602 3800	T 312 856 5006	T 201 984 6210	T 310 645 3276	
AUSTIN	**DALLAS/FT WORTH**	**HOUSTON**	**SALT LAKE CITY**	
T 512 236 1005	T 972 871 2225	T 713 622 1444	T 801 999 9850	

PGAL.COM

From: Borders, Armond <Armond.Borders@fultoncountyga.gov>
Sent: Wednesday, October 27, 2021 3:39 PM
To: Crayton, Gregory <Gregory.Crayton@fultoncountyga.gov>; Sarah McCracken <SMcCracken@winter-construction.com>
Cc: Dunlap, Duane @ ATLANTA <Duane.Dunlap@cbre.com>; Drew Clayton <dclayton@winter-construction.com>; William Mensah <WMensah@winter-construction.com>; Patrick Nesbitt <pnesbitt@winter-construction.com>; Carrie Campbell <CCampbell@winter-construction.com>; Greg Mullin <GMullin@pgal.com>; Kelley Park <KPark@pgal.com>; All.IT.Operations <All.IT.Operations@fultoncountyga.gov>; Regis, Abdias <Abdias.Regis@fultoncountyga.gov>; Kallmyer, Matthew <Matthew.Kallmyer@fultoncountyga.gov>; Dimond, Timothy <Timothy.Dimond@fultoncountyga.gov>; Mason, Bill <Bill.Mason2@fultoncountyga.gov>
Subject: RE: Animal Services Facility - IT/Security Scope Review - 10/27/21

Please see the attached document we reviewed today. Kelly Park is setting up a meeting Monday at 1:00pm with the team to go through the drawings and determine how many phones, computers, printers, etc. will be needed. It was determined that Lifeline will not be providing the phones, computers etc. Sorry if I missed anything, please provide any notes to this email string that are needed.

- **IT will be providing the 8 network switches.**
- **WJG will be providing Camera, WAP, Data lines, card readers. WJG needs a narrative or it to be listed in the documents. Kelly to verify with G. Mullin.**
- **<u>IDENTIV Hirsch Panels (Access Control)</u> – Need power supply, dual contacts, locks, electric strikes. WJG needs specifications from FULCO and then integrated into the Contract Documents. Kelly will check with their Electrical group. Programming to be provided by Fulton County.**
- **<u>OptiPlex 7090 Tower</u> – M. Kallmyer needs to get with his team and review the documents to determine the amount that is needed. We will need the PGAL team and DREAM to coordinate in Monday's meeting.**
- **<u>Phones</u> – will be provided by the County.**

- **Computers – M. Kallmyer states the computers will be included in the County's setup. Need to coordinate with drawings & drops to determine the number. Will review on Monday 10/1/21.**
- **Camera Switches – Need to make sure we have space on the racks in the MDF closet.**
- **AT&T-Comcast Circuit – Need clear demarcation from the AT&T source at the street to the IT closet inside the building.**
- **We are setting up a meeting for Monday@1:00p to go room by room to determine the number of phones, PC's printers, etc. We need to make sure the IT closet has enough room as well.**

Armond Borders |Project Manager
HEERY/**McAfee3**, A Joint Venture
FCURA – Project Management Team
Department of Real Estate & Asset Management
Fulton County Government Center
141 Pryor Street, SW - Suite 6001
Atlanta, GA 30303
404-612-5916 (office) | 470-201-8508 (CELL)
Email: Armond.Borders@fultoncountyga.gov

From: Crayton, Gregory
Sent: Tuesday, October 26, 2021 1:09 PM
To: Borders, Armond <Armond.Borders@fultoncountyga.gov>; Sarah McCracken <SMcCracken@winter-construction.com>
Cc: Dunlap, Duane @ ATLANTA <Duane.Dunlap@cbre.com>; Drew Clayton <dclayton@winter-construction.com>; William Mensah <WMensah@winter-construction.com>; Patrick Nesbitt <pnesbitt@winter-construction.com>; Carrie Campbell <CCampbell@winter-construction.com>; Greg Mullin <GMullin@pgal.com>; Kelley Park <KPark@pgal.com>; All.IT.Operations <All.IT.Operations@fultoncountyga.gov>; Regis, Abdias <Abdias.Regis@fultoncountyga.gov>
Subject: RE: Animal Services Facility - IT/Security Scope Review

Armond see attached, please let me know if you have any questions.

For discussion during our meeting the meeting tomorrow...

Gregory Crayton
Technical Operations Manager
Data Center Operations|Physical Security|Infrastructure
Fulton County Information Technology
Main: 404.612.0058 | Direct: 404.612.0034 | Mobile: 404.861.7850
gregory.crayton@fultoncountyga.gov

From: Borders, Armond
Sent: Tuesday, October 26, 2021 11:40 AM
To: Sarah McCracken
Cc: Crayton, Gregory; Dunlap, Duane @ ATLANTA; Drew Clayton; William Mensah; Patrick Nesbitt; Carrie Campbell; Greg Mullin; Kelley Park
Subject: Re: Animal Services Facility - IT/Security Scope Review

I spoke with Greg this morning and he should be sending it over today.

Armond Borders │Project Manager
HEERY/McAfee3, A Joint Venture
FCURA – Project Management Team
Department of Real Estate & Asset Management
Fulton County Government Center
141 Pryor Street, SW - Suite 6001
Atlanta, GA 30303
404-612-5916 470-201-8508
Email: Armond.Borders@fultoncountyga.gov

On Oct 26, 2021, at 11:35 AM, Sarah McCracken <SMcCracken@winter-construction.com> wrote:

Greg C.,

Can we expect to receive the below referenced low voltage scope spreadsheet today? It would be great if we could have time to review prior to tomorrow's meeting.

Thank you,

Sarah McCracken | LEED AP
Project Executive
404-965-3350 (d)
404-861-7099 (c)

From: Borders, Armond <Armond.Borders@fultoncountyga.gov>
Sent: Thursday, October 21, 2021 11:30 AM
To: Greg Mullin <GMullin@pgal.com>; Sarah McCracken <SMcCracken@winter-construction.com>; Crayton, Gregory <Gregory.Crayton@fultoncountyga.gov>; Kelley Park <KPark@pgal.com>; Carrie Campbell <CCampbell@winter-construction.com>; Kallmyer, Matthew <Matthew.Kallmyer@fultoncountyga.gov>; Crayton, Gregory <Gregory.Crayton@fultoncountyga.gov>; Regis, Abdias <Abdias.Regis@fultoncountyga.gov>; Mason, Bill <Bill.Mason2@fultoncountyga.gov>; Dimond, Timothy <Timothy.Dimond@fultoncountyga.gov>
Cc: Dunlap, Duane @ ATLANTA <Duane.Dunlap@cbre.com>; Drew Clayton <dclayton@winter-construction.com>; William Mensah <WMensah@winter-construction.com>; Patrick Nesbitt <pnesbitt@winter-construction.com>
Subject: RE: Animal Services Facility - IT/Security Scope Review

Sarah please send out the invite for Wednesday 2:30p-4:00p.

G. Crayton please send over the spreadsheet for us to review as well.

Armond Borders │Project Manager
HEERY/McAfee3, A Joint Venture
FCURA – Project Management Team
Department of Real Estate & Asset Management
Fulton County Government Center
141 Pryor Street, SW - Suite 6001
Atlanta, GA 30303
404-612-5916 (office) │ 470-201-8508 (CELL)
Email: Armond.Borders@fultoncountyga.gov

From: Greg Mullin [mailto:GMullin@pgal.com]
Sent: Thursday, October 21, 2021 10:47 AM
To: Sarah McCracken <SMcCracken@winter-construction.com>; Borders, Armond <Armond.Borders@fultoncountyga.gov>; Crayton, Gregory <Gregory.Crayton@fultoncountyga.gov>; Kelley Park <KPark@pgal.com>; Carrie Campbell <CCampbell@winter-construction.com>; Kallmyer, Matthew <Matthew.Kallmyer@fultoncountyga.gov>; Crayton, Gregory <Gregory.Crayton@fultoncountyga.gov>; Regis, Abdias <Abdias.Regis@fultoncountyga.gov>; Mason, Bill <Bill.Mason2@fultoncountyga.gov>; Dimond, Timothy <Timothy.Dimond@fultoncountyga.gov>
Cc: Dunlap, Duane @ ATLANTA <Duane.Dunlap@cbre.com>; Drew Clayton <dclayton@winter-construction.com>; William Mensah <WMensah@winter-construction.com>; Patrick Nesbitt <pnesbitt@winter-construction.com>
Subject: RE: Animal Services Facility - IT/Security Scope Review

That works for me as well.

GREG MULLIN AIA LEED AP
Principal

ALEXANDRIA	**BOCA RATON**	**DENVER**	**LAS VEGAS**	**SAN DIEGO**
T 703 836 0588	**T** 561 988 4002	**T** 720 216 9600	**T** 702 435 4448	**T** 619 269 5288
ATLANTA	**CHICAGO**	**HOBOKEN**	**LOS ANGELES**	
T 404 602 3800	**T** 312 856 5006	**T** 201 984 6210	**T** 310 645 3276	
AUSTIN	**DALLAS/FT WORTH**	**HOUSTON**	**SALT LAKE CITY**	
T 512 236 1005	**T** 972 871 2225	**T** 713 622 1444	**T** 801 999 9850	

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From: Sarah McCracken <SMcCracken@winter-construction.com>
Sent: Thursday, October 21, 2021 10:12 AM
To: Borders, Armond <Armond.Borders@fultoncountyga.gov>; Crayton, Gregory <Gregory.Crayton@fultoncountyga.gov>; Kelley Park <KPark@pgal.com>; Carrie Campbell <CCampbell@winter-construction.com>; Kallmyer, Matthew <Matthew.Kallmyer@fultoncountyga.gov>; Crayton, Gregory <Gregory.Crayton@fultoncountyga.gov>; Regis, Abdias <Abdias.Regis@fultoncountyga.gov>; Mason, Bill <Bill.Mason2@fultoncountyga.gov>; Dimond, Timothy <Timothy.Dimond@fultoncountyga.gov>; Greg Mullin <GMullin@pgal.com>
Cc: Dunlap, Duane @ ATLANTA <Duane.Dunlap@cbre.com>; Drew Clayton <dclayton@winter-construction.com>; William Mensah <WMensah@winter-construction.com>; Patrick Nesbitt <pnesbitt@winter-construction.com>
Subject: RE: Animal Services Facility - IT/Security Scope Review

The Winter Johnson Group team can meet on Wednesday from 2:30 – 4 pm. Let us know if we should issue a meeting invitation.

Thank you,

Sarah McCracken | LEED AP
Project Executive

From: Borders, Armond <Armond.Borders@fultoncountyga.gov>
Sent: Wednesday, October 20, 2021 2:46 PM
To: Crayton, Gregory <Gregory.Crayton@fultoncountyga.gov>; Kelley Park <KPark@pgal.com>; Sarah McCracken <SMcCracken@winter-construction.com>; Carrie Campbell <CCampbell@winter-construction.com>; Kallmyer, Matthew <Matthew.Kallmyer@fultoncountyga.gov>; Crayton, Gregory <Gregory.Crayton@fultoncountyga.gov>; Regis, Abdias <Abdias.Regis@fultoncountyga.gov>; Mason, Bill <Bill.Mason2@fultoncountyga.gov>; Dimond, Timothy <Timothy.Dimond@fultoncountyga.gov>; Greg Mullin <GMullin@pgal.com>
Cc: Dunlap, Duane @ ATLANTA <Duane.Dunlap@cbre.com>
Subject: Animal Services Facility - IT/Security Scope Review
Importance: High

These are the time slots that Fulco IT gave me as their availability. Let me know which date works for everyone. Also participation by all is required as we need to get scope nailed down determine who will be responsible for what and prevent scope gap. I will send out the spreadsheet from Greg Crayton and his team once I receive and we can review before the meeting next week.

Monday October 25, 2021 – 11:30a – 3:00pm est
Wednesday October 27, 2021 – 2:30pm – 4:00pm est

- Phones
- Computers
- Printers
- Servers
- Server Racks
- Laptops
- Laptop Docking Stations
- Card Readers
- Credit Card Readers
- Cabling
- Cameras
- Security Monitors (2)
- Computer Monitors for Desktops

Armond Borders │Project Manager
HEERY/**McAfee3**, A Joint Venture
FCURA – Project Management Team
Department of Real Estate & Asset Management
Fulton County Government Center
141 Pryor Street, SW - Suite 6001
Atlanta, GA 30303
404-612-5916 (office) │ 470-201-8508 (CELL)
Email: Armond.Borders@fultoncountyga.gov

From: Crayton, Gregory
Sent: Wednesday, October 20, 2021 1:13 PM
To: Borders, Armond <Armond.Borders@fultoncountyga.gov>

Cc: Regis, Abdias <Abdias.Regis@fultoncountyga.gov>
Subject: RE: Time Slots for Enrique & I

Thanks Abdias,

Armond, see the below time slots we are available to meet and discuss Animal Services Technology details and responsibilities.

Monday October 25, 2021 – 1130 – 3pm est
Wednesday October 27, 2021 – 230 – 4pm est

Please let me know if either of the slots works for everyone involved...

Thanks,

Gregory Crayton
Technical Operations Manager
Data Center Operations|Physical Security|Infrastructure
Fulton County Information Technology
Main: 404.612.0058 | Direct: 404.612.0034 | Mobile: 404.861.7850
gregory.crayton@fultoncountyga.gov

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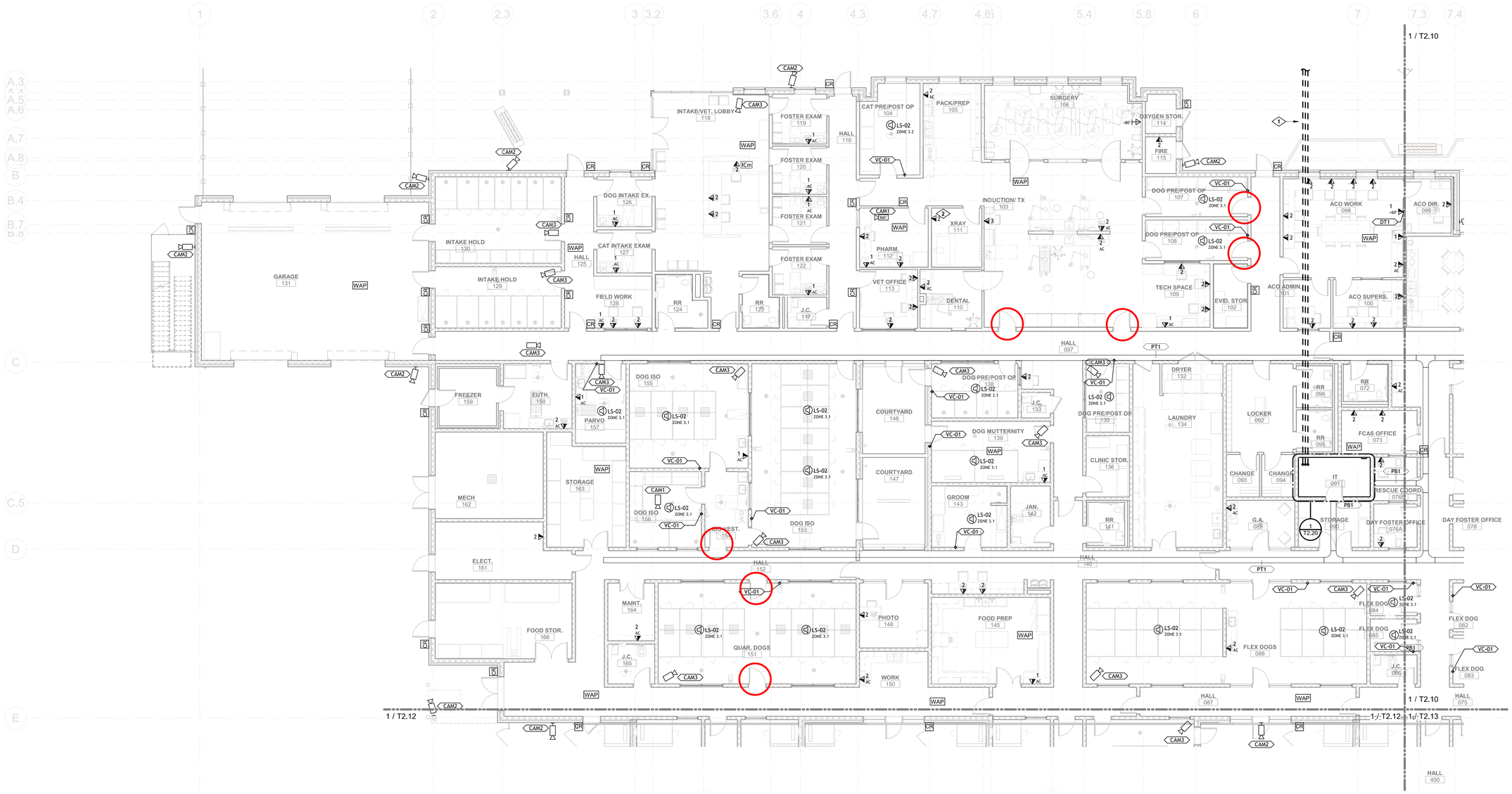
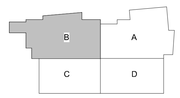
Fulton County Animal Shelter

KEYNOTE LEGEND	
KEY VALUE	KEYNOTE TEXT
1	APPROXIMATE LOCATION OF INCOMING SERVICE CONDUITS. PROVIDE (2) 4" CONDUITS AND (1) 2" CONDUIT TO IT ROOM 126. CONTRACTOR SHALL COORDINATE FINAL LOCATION AND CONNECTION REQUIREMENTS WITH APPROVED SHOP DRAWINGS PRIOR TO ROUGH-IN.
2	EC SHALL COORDINATE EXACT MOUNTING HEIGHT AND LOCATION OF RECEPTACLE WITH ARCHITECTURAL ELEVATIONS & SECTIONS PRIOR TO ROUGH-IN.



1 | PARTIAL ELECTRICAL TECHNOLOGY PLAN – SECTOR B
T2.11 | 1/8" = 1'-0"



KEYPLAN

CLIENT

Fulton County Georgia

141 Pryor Street, SW,
Atlanta, GA 30303
T 404 612 4000

ARCHITECT

PGAL
1425 Ellsworth Industrial
Suite 15
Atlanta, GA 30318
T 404 602 3800
F 404 602 3810
www.pgal.com

CONSULTANT

AE DESIGN
Integrated Lighting and Electrical Solutions
1900 Wazee Street #205 | Denver, CO 80202 | 303.294.3034
aedesign-inc.com Project #: 4505.00

DRAWING HISTORY

No.	DATE	DESCRIPTION
	10/08/2021	100% CD

REGISTRATION

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GEORGIA REGISTERED No. PE029782
10/06/2021

PROJECT NAME

Fulton County Animal Services Facility

PROJECT LOCATION

1251 Fulton Industrial Boulevard
Atlanta, GA 30318

PROJECT NUMBER

1004636.00

SHEET TITLE

SECTOR B - TECHNOLOGY PLAN

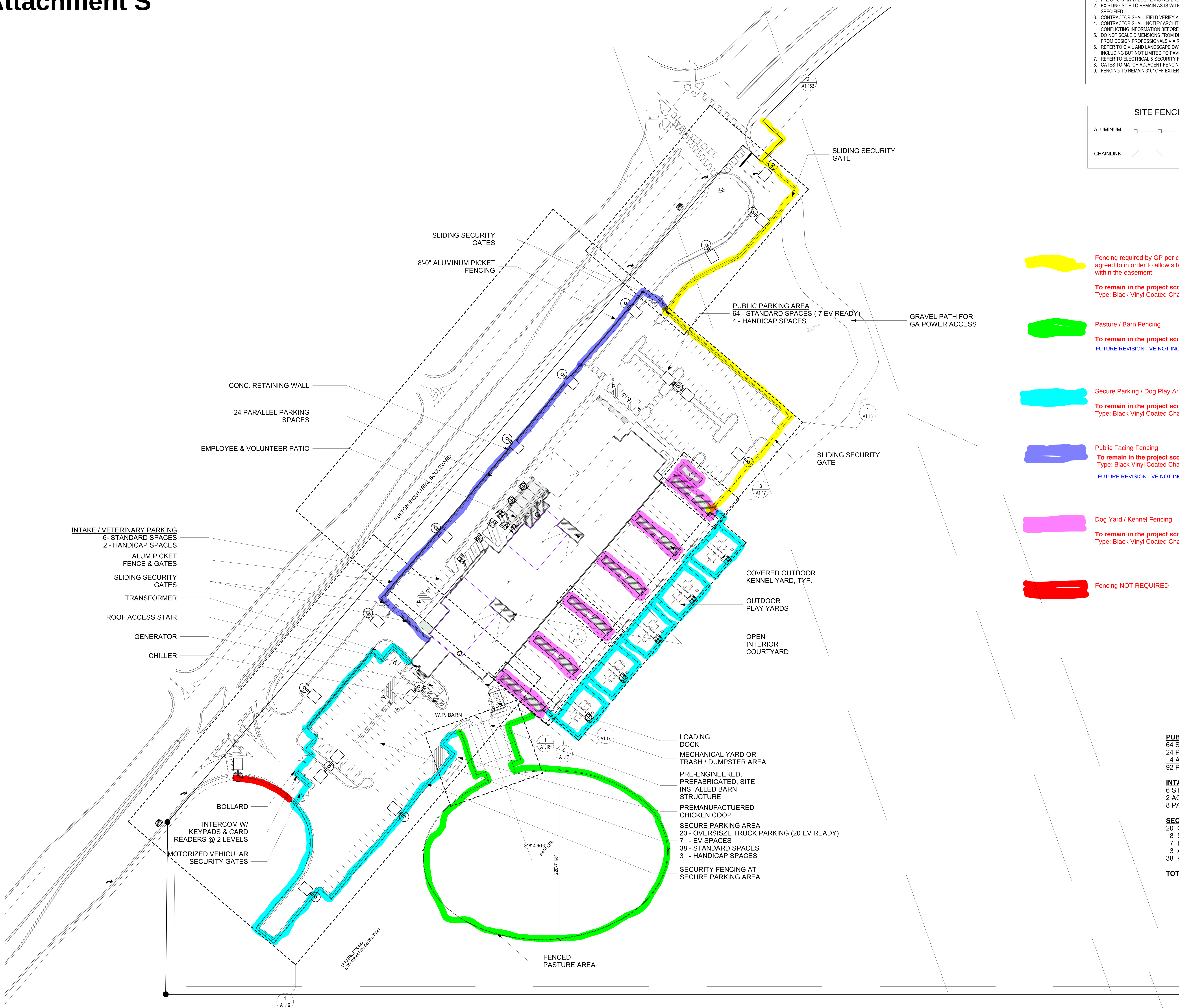
SHEET NUMBER

T2.11

FILE NAME: BIM 360://Fulton County Animal Services Facility/4505.00 - Fulton County Animal Shelter_ELEC.rvt
DATE STAMP: 10/6/2021 3:12:48 PM

Exhibit A - Attachment S

11/18/2021



ENLARGED SITE PLAN 1" = 50'-0" (1)

GENERAL SITE PLAN NOTES

1. FFE OF 0'-0" IN THESE PLANS REFERS TO CIVIL ELEVATION XX.XX' NAVD OR XX.XX' NGVD.
2. EXISTING SITE TO REMAIN AS-IS WITHIN 'LIMITS OF DISTURBANCE' UNLESS OTHERWISE SPECIFIED.
3. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
4. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCY, INACCURACY OR CONFLICTING INFORMATION BEFORE EXECUTION OF WORK.
5. DO NOT SCALE DIMENSIONS FROM DRAWINGS, ANY UNKNOWN DIMENSION SHALL BE OBTAINED FROM DESIGN PROFESSIONALS VIA REQUEST FOR INFORMATION (RFI).
6. REFER TO CIVIL AND LANDSCAPE DWGS FOR ALL INFORMATION REGARDING SITE ELEMENTS INCLUDING BUT NOT LIMITED TO PAVING, GRADING, SITE DRAINAGE, PLANTINGS ECT.
7. REFER TO ELECTRICAL & SECURITY FOR SITE LIGHTING POLE FIXTURE & VIDEO SURVEILLANCE.
8. GATES TO MATCH ADJACENT FENCING; RE FENCE TYPES.
9. FENCING TO REMAIN 3'-0" OFF EXTERIOR FACE OF CURB.

SITE FENCING TYPES

ALUMINUM

CHAINLINK

Fencing required by GP per conditions agreed to in order to allow site access within the easement.
To remain in the project scope
Type: Black Vinyl Coated Chain Link

Pasture / Barn Fencing
To remain in the project scope
FUTURE REVISION - VE NOT INCLUDED IN BASE SCOPE OF WORK

Secure Parking / Dog Play Area Fencing
To remain in the project scope
Type: Black Vinyl Coated Chain Link

Public Facing Fencing
To remain in the project scope
Type: Black Vinyl Coated Chain Link
FUTURE REVISION - VE NOT INCLUDED IN BASE SCOPE OF WORK

Dog Yard / Kennel Fencing
To remain in the project scope
Type: Black Vinyl Coated Chain Link

Fencing NOT REQUIRED

PUBLIC PARKING COUNT
64 STANDARD SPACES (7 EV READY)
24 PARALLEL SPACES
4 ACCESSIBLE SPACES
92 PARKING SPACES

INTAKE/VETERINARY PARKING COUNT
6 STANDARD SPACES
2 ACCESSIBLE SPACES
8 PARKING SPACES

SECURE PARKING AREA
20 OVERSIZE TRUCK SPACES (20 EV READY)
8 STANDARD SPACES
7 EV READY SPACES
3 ACCESSIBLE SPACES
38 PARKING SPACES

TOTAL PARKING COUNT = 138 SPACES

CLIENT

FULTON COUNTY
Fulton County Georgia
141 Pryor Street, SW,
Atlanta, GA 30303
T 404 612 4000

ARCHITECT
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PGAL
1425 Ellsworth Industrial
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Atlanta, GA 30318
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CONSULTANT

DRAWING HISTORY

No.	DATE	DESCRIPTION
	10/08/2021	100% CD

REGISTRATION
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RELEASED FOR CONSTRUCTION
FOR REGULATORY APPROVAL, BIDDING, PERMIT, OR CONSTRUCTION PURPOSES.

STATE OF GEORGIA REGISTERED ARCHITECT

PROJECT NAME
Fulton County Animal Services Facility

PROJECT LOCATION
1251 Fulton Industrial Boulevard
Atlanta, GA 30318

PROJECT NUMBER
1004636.00

SHEET TITLE
ARCHITECTURAL SITE PLAN (ENLARGED)

SHEET NUMBER
A1.10

FILE NAME: BIM 360://Fulton County Animal Services Facility/ARCH - FCAS - RVT2020.rvt
DATE STAMP: 10/8/2021 4:23:55 PM

EXHIBIT B

GMP COST

WINTER JOHNSON GROUP

Exhibit B

11/18/2021

WINTER JOHNSON GROUP good experience builders

Project Name: *Fulton Co. Animal Shelter GMP*

Estimate Number: *21-21027*

Date: *11/18/2021*

BID PACKAGE	TOTAL COST 50% CD Budget w/ Approved VE 9/14/2021	TOTAL COST GMP 11/18/2021	VARIANCE	NOTES
01A GENERAL CONDITIONS	$ 1,976,369	$ 1,976,369	$ -	
01 GENERAL REQUIREMENTS		$ -	$ -	
01D.1400 FINAL CLEAN-UP	$ 34,614	$ -	$ (34,614)	Included in General Conditions
02B.2100 SITEWORK	$ 1,984,413	$ 1,988,855	$ 4,442	
02D.2400 PILE SUBCONTRACTOR	$ 153,000	$ 128,724	$ (24,276)	
02E.2500 PAVING & SURFACING	$ 367,556	$ 491,140	$ 123,584	Fuel price escalation
02E.2510 SITE CONCRETE	$ 343,516	$ 589,369	$ 245,853	Shoring required plus material escalation
02E.2520 CURBS AND GUTTERS	w/Paving & SURFACING	$ 96,640	$ 96,640	
02E.2530 STRIPING AND SIGNS	w/Paving & SURFACING	$ 11,093	$ 11,093	
02F.2620 UNIT PAVERS		$ 87,956	$ 87,956	New scope
02F.2640 FENCES AND GATES	$ 583,748	$ 849,189	$ 265,441	Added welded picket fence and paddock fencing at barn and pasture. Added call tower.
Approved changes to vinyl coated chain link				Incorporated VE at GA Power Easement and Dog Courtyards
02G.2700 LANDSCAPING	$ 251,361	$ 317,135	$ 65,774	Market price
03A.3000 CONCRETE TURNKEY	$ 1,085,022	$ 1,480,641	$ 395,619	Foundations lowered to accommodate drains; new piers; material escalation
04A.4000 MASONRY	$ 3,090,444	$ 2,394,823	$ (695,621)	VE Incorporated
05A.5000 STRUCTURAL STEEL - TURNKEY	$ 2,336,310	$ 2,368,102	$ 31,792	
06A.6010 ROUGH CARPENTRY	$ 150,762	$ 150,762	$ -	
06B.6100 ARCHITECTURAL MILLWORK	$ 510,066	$ 566,366	$ 56,300	Market price. Steel cabinetry material escalation
07A.7000 WATERPROOFING	$ 139,451	$ 190,630	$ 51,179	Air-moisture barrier at exterior wall cavity (previous in masonry system)
07C.7220 ROOFING	$ 834,234	$ 1,269,594	$ 435,360	Escalation in insulation prices & procurement times (requiring temp roof).
07C.7230 METAL ROOF AND WALL PANELS	$ 343,740	$ 316,131	$ (27,609)	
07C.7320 EXTERIOR SIDING	$ 201,960	$ 192,260	$ (9,700)	
08A.8000 DOORS, FRAMES, AND HARDWARE	$ 860,747	$ 1,067,411	$ 206,664	Changes to Doors, Frames and Hardware and Glass and Glazing scopes
08A.8040 OVERHEAD DOORS/COILING GRILLS	$ 89,472	$ 66,728	$ (22,744)	
08A.8090 DOOR & HARDWARE INSTALLATION	$ 61,200	$ 50,949	$ (10,251)	
08B.8210 GLASS AND GLAZING	$ 792,383	$ 552,126	$ (240,257)	Changes to Doors, Frames and Hardware and Glass and Glazing scopes
09B.9100 DRYWALL	$ 1,559,376	$ 1,095,113	$ (464,263)	Market price
09B.9200 TILE & STONE	w/Resilient Flooring	w/Resilient Flooring	$ -	
09D.9350 RESILIENT FLOORING	$ 150,704	$ 170,436	$ 19,732	
09E.9410 SPECIAL FLOORING	$ 560,728	$ 527,299	$ (33,429)	
09E.9500 PAINTING	$ 626,865	$ 368,891	$ (257,974)	
09E.9520 ACOUS. TREATMENTS		$ 87,832	$ 87,832	Previously with drywall. Increased scope of work
10A.1002 MARKERBOARDS/TKBOARDS		$ 5,702	$ 5,702	New scope
10A.1004 TOILET COMPARTMENTS & ACCESS.	$ 18,315	$ 50,579	$ 32,264	
10A.1008 WALL/CORNER GUARDS	$ 22,129	$ 31,932	$ 9,803	
10A.1012 CANOPIES	$ 133,155	$ 649,034	$ 515,879	Canopy designed in accordance with structural design
Target Additional Canopy VE		in above		VE incorporated to change to standard finish and revised details
10A.1014 SIGNAGE	$ 197,160	$ 197,160	$ -	Design-Build Allowance
10A.1022 LOCKERS	$ 2,861	$ 9,996	$ 7,135	
10A.1024 FIRE EXT.& CABINETS	$ 5,826	$ 8,421	$ 2,595	
10A.1030 OPERABLE PARTITIONS	$ 36,268	$ 43,248	$ 6,980	
10A.1037 DEMOUNTABLE PARTITIONS		$ 47,736	$ 47,736	New Scope
11A.1120 LAUNDRY EQUIP.	w/Miscellaneous Equipment	$ 100,343	$ 100,343	
11A.1126 PROJECTORS & SCREENS	w/Miscellaneous Equipment	$ 28,050	$ 28,050	
11A.1130 LOADING DOCK EQUIP.	w/Miscellaneous Equipment	$ 19,355	$ 19,355	
11A.1136 FOOD SERVICE EQUIP.	w/Miscellaneous Equipment	$ 62,911	$ 62,911	
11A.1138 RESIDENTIAL EQUIP.	w/Miscellaneous Equipment	$ 25,000	$ 25,000	
11A.1144 MEDICAL & MISC. EQUIPMENT	$ 1,740,878	$ 2,409,023	$ 668,145	Changes to Miscellaneous Equipment scope. Added medical equipment
12A.1230 WINDOW TREATMENTS	$ 92,658	$ 10,926	$ (81,732)	Scope clarified
13A.1330 PRE-ENGINEERED BUILDINGS	$ 128,387	$ 141,735	$ 13,348	
15A.1500 PLUMBING	$ 3,175,346	$ 2,844,002	$ (331,344)	Market price
15B.1525 HVAC SYSTEMS	$ 3,102,840	$ 3,191,325	$ 88,485	Market price
15C.1560 FIRE PROTECTION	$ 212,160	$ 215,089	$ 2,929	Market price
16A.1600 ELECTRICAL SYSTEMS	$ 3,420,025	$ 2,995,781	$ (424,244)	
Light fixt Pkg	in above	in above	$ -	Target VE $$ incorporated
Large fans at dog run courtyard deleted		in above	$ -	Incorporated VE
Tier 3 Generator		in above	$ -	Incorporated VE
SUBTOTAL CONSTRUCTION COST	**31,376,052**	**32,539,912**	**1,163,860**	
PERMITS	w/original RFP	$ 14,124	$ 14,124	Add'l Permit amount needed for constr. cost beyond original $32.5 mil
BONDS & INSURANCE	w/original RFP	$ 47,138	$ 47,138	Add'l Bond & Ins. amount needed for constr. cost beyond original $32.5 mil
G.C. FEE	$ 850,718	$ 840,497	$ (10,221)	Variance due to reconciled VE
TOTAL BEFORE CONTINGENCY	**$ 32,226,770**	**$ 33,441,671**	$ 1,214,901	
OWNER-CONTROLLED CONTINGENCY	$ 875,019	$ 941,519	$ 66,500	
DESIGN CONTINGENCY	$ 875,019	$ -	$ (875,019)	Used to cover difference between 50% & 100% docs and market conditions
TOTAL CONSTRUCTION COST + CONTINGENCY	**33,976,807**	**34,383,190**	**406,383**	
	*50% CD - ROW 64 ON PROJECT BUDGET ESTIMATE => $33,646,807 + $330,000 equipment reallocation			
ADDITIONAL UNINCORPORATED VALUE ENGINEERING				
Fencing change at the pasture & barn		$ (80,000)		
Previously rejected fence VE at Entrance		$ (55,000)		Deferred decision toward end of the project
Target Pile Reduction		$ (15,000)		
Landscaping		$ (50,000)		Deferred decision toward end of the project
Change unit pavers to scored concrete		$ (35,000)		Deferred decision toward end of the project
ADJUSTED TOTAL CONSTRUCTION COST + CONTINGENCY	**33,976,807**	**34,148,190**	**171,383**	***ADJUSTED - 100% CD - ROW 64 ON PROJECT BUDGET ESTIMATE**

EXHIBIT C

CLARIFICATIONS AND ASSUMPTIONS

WINTER JOHNSON GROUP

WINTER JOHNSON GROUP

Clarifications and Assumptions

The following clarifications, in conjunction with the attached detailed Guaranteed Maximum Price (GMP) estimate, represent the complete scope of work, as understood, for the Fulton County Animal Services Facility. The following documents were used in preparation of this GMP estimate:

Exhibit	Attachment	Date
Exhibit A		
	Attachment A – Drawing Log	11/18/21
	Attachment B – Specification Log	11/18/21
	Attachment C – Geotechnical Exploration Report*	07/02/21
	Attachment D – Equipment (FF&E) Schedule	11/04/21
	Attachment E – FIB Update	11/01/21
	Attachment F – RFI Response Log #1	10/25/21
	Attachment G – RFI Response Log #2	10/28/21
	Attachment H – RFI Response Log #3	10/29/21
	Attachment I – RFI Response Log #4	11/04/21
	Attachment J – GMP Impact Items	10/21/21
	Attachment K – Mitchell Metals Canopy/Trellis Information	11/18/21
	Attachment L – LEED Online Session Email	10/26/21
	Attachment M – Roof Warranty Acceptance Email	11/01/21
	Attachment N – Custom Art Light	11/04/21
	Attachment O – Walk Off Mat Diagram	11/09/21
	Attachment P – Demountable Walls Email	11/03/21
	Attachment Q – Extended Wireless Access Points Email	11/01/21
	Attachment R – Additional Card Readers	11/03/21
	Attachment S – GMP Fencing Scope	11/18/21

*** -** Geotechnical Exploration Report (see Exhibit A Attachment C) is included for informational purposes only. WJG expects any recommendations coming out of the report to be incorporated into the plans and specifications.

01. GENERAL REQUIREMENTS

01.01. Escalation and Procurement Delays: Due to the volatile market conditions, owner-controlled construction contingency can be used for costs associated with material escalation and procurement delays. This is especially true for steel, plastic, insulation, and roofing materials. The GMP is based upon the premise that WJG and Subcontractors can bill for and receive payment for materials procured and stored off site.

02. SITEWORK

02.01. Grading and Site Utilities

a. Fees for water meter and vault to be installed by City of Atlanta are included at $33,900
b. Sewer tap fees are included at $3,995.
   1. Sanitary sewer tie-in to be done by open trench, not jack and bore.
c. Relocation of overhead power and associated costs are not included.
d. Relocation of “all utilities, storm drainage, signs, traffic signals and poles, etc.” required for GDOT work per General Site Note #17 on drawing C3.02 is not included.

e. Key Note #4 on drawing C2.02 calls for "Storm Water Structure to be [Relocated]. See GDOT plans by Lowe Engineers dated XX/XX/2021." The work associated with Key Note #4 is not included.

02.02. Asphalt Paving

a. DOT Right of Way striping included as thermoplastic. All other striping is two coats of traditional marking paint.

b. Work associated with Key Note #29 (GDOT work) on drawing C3.02 is not included.

02.03. Site Concrete

a. The site retaining wall is per detail 11/S3.03. No facing material is included.

02.04. Fencing

a. Priefert Estate Fencing included as fence type F3. Specified product not available.

b. Animal housing has been included per the Equipment Schedule (see Exhibit A Attachment D).

c. Fencing has been included per the GMP Fencing Scope (see Exhibit A Attachment S).

02.05. Hardscape

a. Unit pavers subgrade is included as 4" GAB and 1" of setting sand.

02.06. Landscaping

a. An irrigation system is not included.

03. CONCRETE

03.01. Cast-in-Place Concrete

a. Wall at the reception to receive a rubbed concrete finish.

04. MASONRY

04.01. Grout is only included at cells with rebar per RFI 1.12.

05. METALS

05.01. Metal Fabrications

a. Prices of raw steel continue to be volatile; manufacturers are unable to guarantee pricing until shop drawings are approved and sent to the fabricator. As noted above, any escalation from GMP pricing is expected to be an allowable owner-controlled contingency expense.

b. All canopies and trellises on the project are included as pre-manufactured aluminum systems (see Exhibit A Attachment K) in lieu of the structural steel fabrications indicated on the 10/8/2021 100% CD drawings.

06. WOOD

06.01. Millwork

a. Per email dated 10/26/2021, certified wood not included for LEED (see Exhibit A Attachment L).

07. THERMAL & MOISTURE PROTECTION

07.01. Waterproofing

a. Intumescent coating is not included.

b. Spray-applied fireproofing is not included.

07.02. Roofing

a. Prices and lead times of roofing insulation continue to be volatile; manufacturers are unable to guarantee pricing until submittals are approved and the material is fabricated and loaded onto the delivery struck. As noted above, any escalation from GMP pricing is

expected to be an allowable owner-controlled contingency expense. Additionally, due to extraordinary long lead times, GMP includes installation of a temporary roof system to not impede interior finish schedules.

b. Per the 11/1/2021 email response (Exhibit A Attachment M) from the Owner and the Architect, the roofing system is included with all layers of substrate, insulation and cover boards fasten simultaneously and mechanically attaching a 60 mil TPO.

08. DOORS & WINDOWS

08.01. Doors, Frames, and Hardware

a. Slabs are included as being poured monolithically (with no masonry) at the door thresholds in lieu of detail 8/A7.55.

08.02. Special Glass Systems

a. A skylight system is not included. A Specification Section 086250 – Tubular Daylighting Devices, is listed in the Project Manual Table of Contents, but no specification section is actually included, and no skylights are indicated on the drawings.

09. FINISHES

09.01. Paint & Wallcoverings

a. Exposed ceilings / structure in housekeeping, mechanical room, and electrical rooms to be unfinished.

b. The High-Performance Coating at CMU walls is included two block fill coats due to specifications calling for “pin-hole free” plus a finish coat.

c. STC stenciling is not included.

d. Film graphics, artwork, and custom light fixture per 11/4/2021 email (see Exhibit A Attachment N) and detail A9.111 are not included.

10. SPECIALTIES

10.01. Signage is included as a design-build allowance.

10.02. Canopies

a. Kynar coated exterior canopies as provided by Mitchell Metals is included as approved by PGAL (see Exhibit A Attachment K).

10.03. Visual Display

a. Glass markerboards are included.

10.04. Mats

a. Entrance mats are included as Construction Specialties *Design Step* entrance mat, 20-50 square feet, 3/8” thick with rubber backing, 1 ½” perimeter frame, Duration texture in one of 8 manufacturer’s standard colors. Locations are in accordance with architects 11/9/2021 emailed sketch (see Exhibit A Attachment O).

11. EQUIPMENT

11.01. Furniture, Fixtures, Equipment, and FF&E

a. Medical equipment designated Contractor-Furnished-Contractor-Installed is included (see Exhibit A Attachment D).

b. Acoustical panels are included per the counts indicated on Equipment Schedule previously noted in the documents list.

11.02. Shelving

a. The following counts and types of metal shelving are included as a shelving type is not specified on the FF&E schedule:

1. Nineteen (19) each of Metro Super Erecta Shelving Preconfigured model 3048-46NC.
2. Six (6) each of Metro Super Erecta Shelving Preconfigured model 2436-46BR.
3. Seven (7) each of Metro Super Erecta Shelving Preconfigured model 2448-46BR.
4. Four (4) each of Metro Super Erecta Shelving Preconfigured model 2460-46BR.
5. Five (5) each of Metro Super Erecta shelves model 1448NS.
6. Fourteen (14) each of Metro Super Erecta shelves model 1460NS.

13. SPECIAL CONSTRUCTION

13.01. An 8'x 30' x 6'(high) chicken coop as manufactured by American Coop is included.

13.02. Demountable partitions are included as manufactured by KI (see Exhibit A Attachment P) for architect's 11/3/2021 emailed approval.

15. MECHANICAL

15.01. Plumbing

a. No trap primers are included. 45 Trap guards are included for the areas assumed to have irregular wash downs per RFI response 4.05.

b. No plumbing under the barn slab is included. Civil drawings show piping to it and refer to plumbing plans, but no plumbing scope is shown.

15.02. Fire Protection

a. A fire pump is not included.

16. ELECTRICAL

16.01. Electrical

a. WAPs are not included in the plan west-most dog yard in Sector C and the plan south dog yards below Sector C and Sector D, as shown on drawing A2.10 (see Exhibit A Attachment Q).

b. Tier 4 generator exhaust per specification section 263212.14 -2.3 E is not included. Tier 4 exhaust is only available on tier 4 generators and a tier 4 generator will not work with the electrical system as designed. A tier 3 generator meeting the specification is included.

c. Additional card readers are included per architect's 11/3/2021 email (see Exhibit A Attachment R)

d. Wi-Fi and security systems at the barn are not included as scope and extent are yet to be determined.

e. Large fans and associated infrastructure at dog run courtyard not included.

f. Includes alternate lighting package to achieve target value engineering of $400,000.00 (value inclusive of overhead and profit).

ALLOWANCES included in GMP

1.	Barn concrete foundation (yet to be designed).	$34,000
2.	Design build signage package.	$197,160
3.	Emergency Radio Responder System (ERRC) if required by City of Atlanta.	$60,000

EXHIBIT I

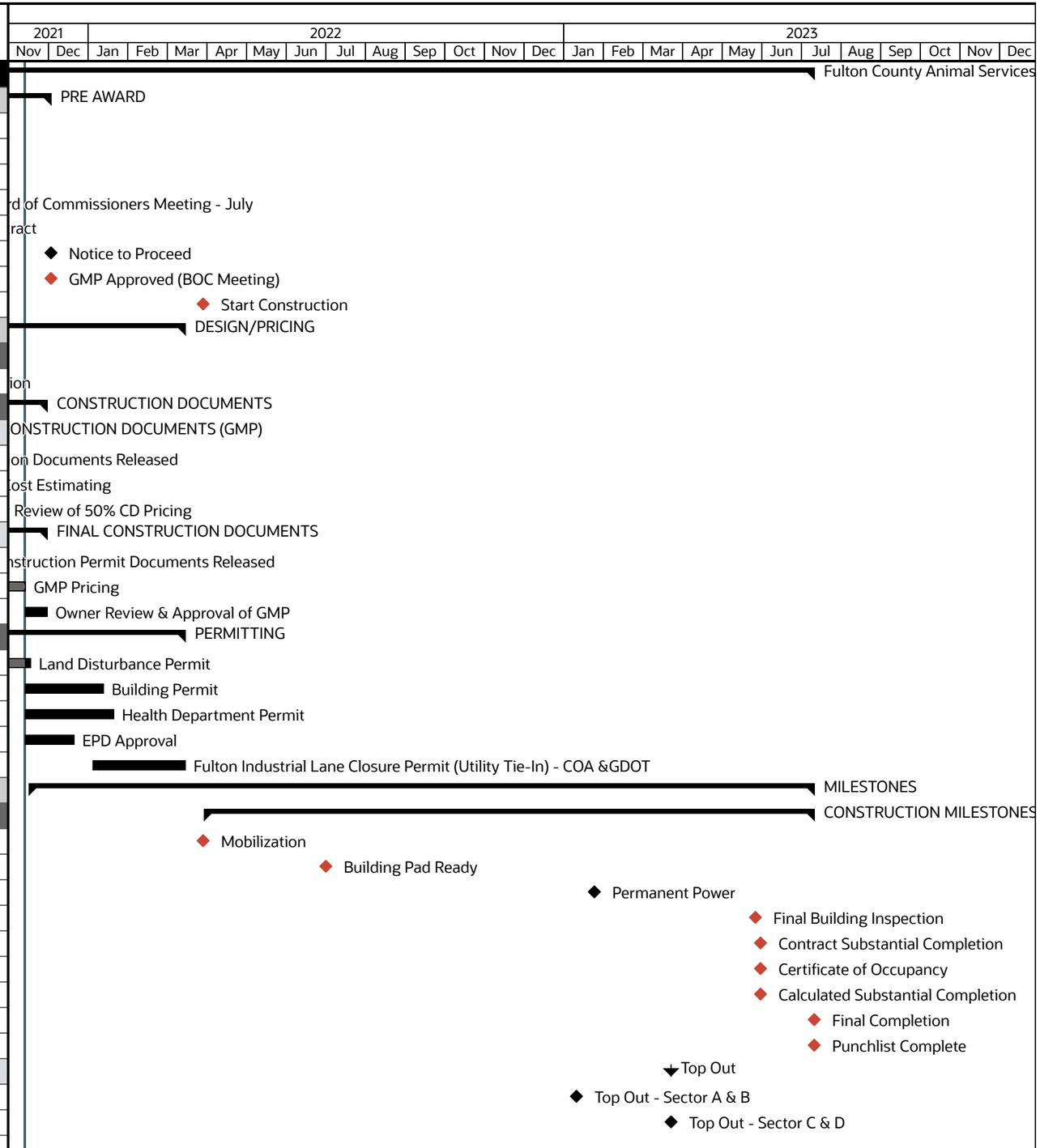
CONTRACT SCHEDULE

WINTER JOHNSON GROUP

Exhibit I

11/12/2021

ID	Name	Planned Durat...	Start	Finish	Total Float
Fulton County Animal Services Facility		584d	01-Feb-21 A	10-Jul-23	0d
PRE AWARD		152d	28-Apr-21 A	02-Dec-21	19d
PA1000	Submit RFP Proposal	0d	28-Apr-21 A		
PA1040	Owner RFP Review	10d	29-Apr-21 A	14-Jul-21 A	
PA1030	Interview	5d	09-Jun-21 A	09-Jun-21 A	
PA1020	Fulton County Board of Commissioners Meeti...	0d	14-Jul-21 A	14-Jul-21 A	
PA1110	Executed Contract	0d		03-Aug-21 A	
PA1010	Notice to Proceed	0d		02-Dec-21	8d
PA1060	GMP Approved (BOC Meeting)	0d		02-Dec-21	0d
PA1120	Start Construction	0d	28-Mar-22		-1d
DESIGN/PRICING		203d	01-Feb-21 A	14-Mar-22	161d
DESIGN DEVELOPMENT		40d	01-Feb-21 A	21-May-21 A	2d
DD-6490	Design Development Production	38d	01-Feb-21 A	21-May-21 A	
CONSTRUCTION DOCUMENTS		86d	01-Jun-21 A	29-Nov-21	2d
50% CONSTRUCTION DOCUMENTS (GMP)		38d	01-Jun-21 A	20-Sep-21 A	2d
CD-6520	50% Construction Documents Released	9d	01-Jun-21 A	06-Aug-21 A	
CD-6600	50% CD Cost Estimating	20d	09-Aug-21 A	03-Sep-21 A	
CD-6870	Owner Review of 50% CD Pricing	10d	07-Sep-21 A	20-Sep-21 A	
FINAL CONSTRUCTION DOCUMENTS		86d	09-Aug-21 A	29-Nov-21	2d
CD-6510	Construction Permit Documents Released	42d	09-Aug-21 A	08-Oct-21 A	
CD-6610	GMP Pricing	25d	11-Oct-21 A	12-Nov-21 A	
CD-6660	Owner Review & Approval of GMP	10d	12-Nov-21	29-Nov-21	2d
PERMITTING		124d	17-Sep-21 A	14-Mar-22	161d
CD-6650	Land Disturbance Permit	60d	17-Sep-21 A	16-Nov-21	87d
CD-6640	Building Permit	40d	12-Nov-21	12-Jan-22	117d
A2000	Health Department Permit	45d	12-Nov-21	20-Jan-22	116d
CD-6680	EPD Approval	25d	12-Nov-21	20-Dec-21	65d
A2160	Fulton Industrial Lane Closure Permit (Utility ...	50d	03-Jan-22	14-Mar-22	160d
MILESTONES		584d	15-Nov-21 A	10-Jul-23	0d
CONSTRUCTION MILESTONES		332d	28-Mar-22	10-Jul-23	0d
MI1150	Mobilization	0d	28-Mar-22		-3d
MI1130	Building Pad Ready	0d		30-Jun-22	0d
MI1080	Permanent Power	0d		24-Jan-23	41d
MI1040	Final Building Inspection	0d		26-May-23	0d
MI1030	Contract Substantial Completion	0d		30-May-23	0d
MI1050	Certificate of Occupancy	0d		30-May-23	0d
MI1200	Calculated Substantial Completion	0d		30-May-23	0d
MI1140	Final Completion	0d		10-Jul-23	0d
MI1070	Punchlist Complete	0d		10-Jul-23	0d
Top Out		0d		22-Mar-23	13d
MI1170	Top Out - Sector A & B	0d		10-Jan-23	51d
MI1120	Top Out - Sector C & D	0d		22-Mar-23	13d



Current
Progress
Critical

Milestones
Summary

DATA DATE: 12-Nov-21
CURRENT DATE: 12-Nov-21

INITIAL PREP VIEW
Fulton County Animal Services Facility
THE WINTER CONSTRUCTION COMPANY

WINTER CONSTRUCTION
good experience builders

Exhibit I

11/12/2021

ID	Name	Planned Durat...	Start	Finish	Total Float
Roof Dry-In		0d		07-Apr-23	1d
MI1180	Roof Dry-In - Sector A &B	0d		09-Feb-23	30d
MI1110	Roof Dry In - Sector C & D	0d		07-Apr-23	1d
Building Dry-In		0d		07-Apr-23	1d
MI1190	Building Dry In - Sector A & B	0d		17-Feb-23	24d
MI1100	Building Dry In - Sector C & D	0d		07-Apr-23	1d
Conditioned Air		0d		11-Apr-23	9d
MI1090	Conditioned Air - Sector A & B	0d		07-Feb-23	37d
MI1160	Conditioned Air - Sector C & D	0d		11-Apr-23	9d
OWNER MILESTONES		555d	15-Nov-21 A	30-May-23	29d
CD-6670	FAA Approval	90d	15-Nov-21 A	24-Mar-22	140d
OM1180	Water Meter Install	5d	01-Aug-22	05-Aug-22	96d
OM1160	Transformer Set	0d		22-Aug-22	127d
OM1170	Gas Meter Installed	0d		30-Dec-22	57d
OM1140	Phone Line	0d		09-Jan-23	89d
OM1150	FFE Delivery	0d		30-May-23	27d
PROCUREMENT		298d	02-Dec-21	27-Jan-23	115d
DIVISION 02 - SITE CONSTRUCTION		92d	02-Dec-21	11-Apr-22	264d
SITE EARTHWORK		92d	02-Dec-21	11-Apr-22	36d
PROC1900	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	18d
PROC1840	Subcontractor Submittal Prep	10d	09-Dec-21	22-Dec-21	18d
PROC2360	Subcontractor Submittal Prep - Retaining Wall...	10d	09-Dec-21	22-Dec-21	86d
PROC1850	TWCC Submittal Review	5d	23-Dec-21	30-Dec-21	18d
PROC2370	TWCC Submittal Review - Retaining Wall Shops	5d	23-Dec-21	30-Dec-21	86d
PROC1860	Architect Submittal Review	10d	03-Jan-22	14-Jan-22	18d
PROC2380	Architect Submittal Review - Retaining Wall S...	10d	03-Jan-22	14-Jan-22	86d
PROC1870	Fabrication - Underground Detention Pond	60d	18-Jan-22	11-Apr-22	18d
PROC2350	Fabrication - Precast Manholes	30d	18-Jan-22	28-Feb-22	48d
PROC2390	Fabrication - Retaining Wall Rebar	10d	18-Jan-22	31-Jan-22	86d
AGGREGATE PILES		62d	02-Dec-21	28-Feb-22	71d
PROC2700	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	18d
PROC2710	Subcontractor Submittal Prep	10d	09-Dec-21	22-Dec-21	18d
PROC2730	TWCC Submittal Review	5d	23-Dec-21	30-Dec-21	18d
PROC2750	Architect / Engineer Submittal Review	10d	03-Jan-22	14-Jan-22	18d
PROC2770	Procurment - Aggregate piers	30d	18-Jan-22	28-Feb-22	71d
PAVING AND STRIPING		52d	02-Dec-21	14-Feb-22	290d
PROC2780	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	18d
PROC2790	Subcontractor Submittal Prep	10d	09-Dec-21	22-Dec-21	18d
PROC2800	TWCC Submittal Review	5d	23-Dec-21	30-Dec-21	18d
PROC2810	Architect / Engineer Submittal Review	10d	03-Jan-22	14-Jan-22	18d
PROC2820	Procurement - Paving	20d	18-Jan-22	14-Feb-22	284d
SITE CONCRETE		52d	02-Dec-21	14-Feb-22	81d

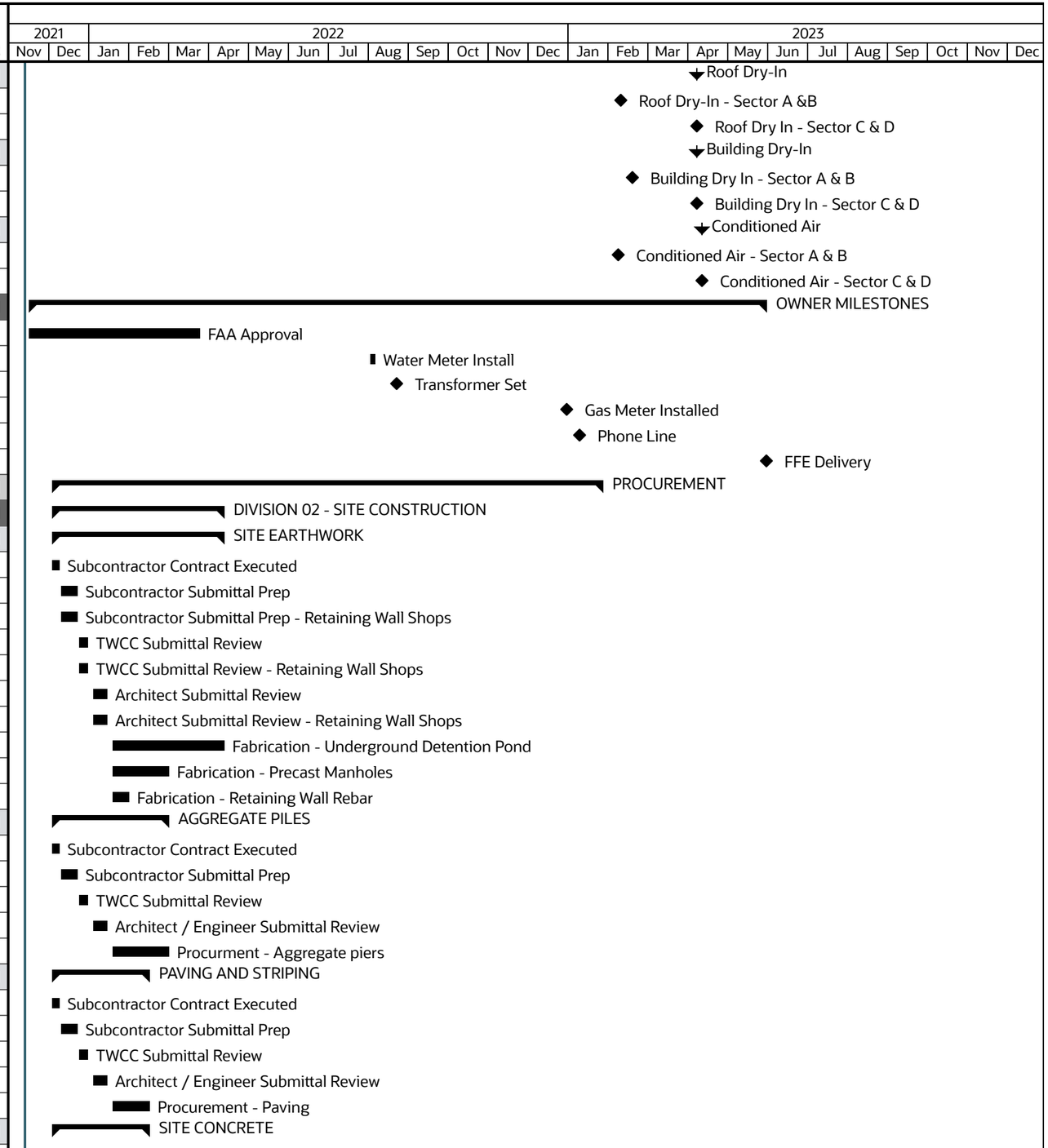


Exhibit I

11/12/2021

ID	Name	Planned Durat...	Start	Finish	Total Float
PROC2830	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	18d
PROC2840	Subcontractor Submittal Prep	10d	09-Dec-21	22-Dec-21	18d
PROC2850	TWCC Submittal Review	5d	23-Dec-21	30-Dec-21	18d
PROC2860	Architect / Engineer Submittal Review	10d	03-Jan-22	14-Jan-22	18d
PROC2870	Procurement - Site Concrete	20d	18-Jan-22	14-Feb-22	81d
CURB AND GUTTER		52d	02-Dec-21	14-Feb-22	242d
PROC2880	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	18d
PROC2890	Subcontractor Submittal Prep	10d	09-Dec-21	22-Dec-21	18d
PROC2900	TWCC Submittal Review	5d	23-Dec-21	30-Dec-21	18d
PROC2910	Architect / Engineer Submittal Review	10d	03-Jan-22	14-Jan-22	18d
PROC2920	Procurement - Curb and Gutter	20d	18-Jan-22	14-Feb-22	236d
UNIT PAVERS		52d	02-Dec-21	14-Feb-22	242d
PROC2930	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	18d
PROC2940	Subcontractor Submittal Prep	10d	09-Dec-21	22-Dec-21	18d
PROC2950	TWCC Submittal Review	5d	23-Dec-21	30-Dec-21	18d
PROC2960	Architect / Engineer Submittal Review	10d	03-Jan-22	14-Jan-22	18d
PROC2970	Procurement - Unit Pavers	20d	18-Jan-22	14-Feb-22	236d
FENCES AND GATES		72d	02-Dec-21	14-Mar-22	284d
PROC2980	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	18d
PROC2990	Subcontractor Submittal Prep	10d	09-Dec-21	22-Dec-21	18d
PROC3000	TWCC Submittal Review	5d	23-Dec-21	30-Dec-21	18d
PROC3010	Architect / Engineer Submittal Review	10d	03-Jan-22	14-Jan-22	18d
PROC3020	Fabrication - Fencing and Gates	40d	18-Jan-22	14-Mar-22	278d
LANDSCAPING		52d	02-Dec-21	14-Feb-22	296d
PROC3030	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	18d
PROC3040	Subcontractor Submittal Prep	10d	09-Dec-21	22-Dec-21	18d
PROC3050	TWCC Submittal Review	5d	23-Dec-21	30-Dec-21	18d
PROC3060	Architect / Engineer Submittal Review	10d	03-Jan-22	14-Jan-22	18d
PROC3070	Procurement - Landscaping	20d	18-Jan-22	14-Feb-22	290d
DIVISION 03 - CONCRETE		72d	02-Dec-21	14-Mar-22	76d
PROC1910	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	75d
PROC1120	Subcontractor Submittal Prep	20d	09-Dec-21	07-Jan-22	75d
PROC1130	TWCC Submittal Review	5d	10-Jan-22	14-Jan-22	75d
PROC1140	Architect Submittal Review	10d	18-Jan-22	31-Jan-22	75d
PROC1150	Rebar Fabrication	30d	01-Feb-22	14-Mar-22	75d
DIVISION 04 - MASONRY		112d	02-Dec-21	09-May-22	40d
PROC1920	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	39d
PROC1160	Subcontractor Submittal Prep	10d	09-Dec-21	22-Dec-21	39d
PROC1170	TWCC Submittal Review	5d	23-Dec-21	30-Dec-21	39d
PROC1180	Architect Submittal Review	10d	03-Jan-22	14-Jan-22	39d
PROC1190	Fabrication - 16 Weeks for Ground Face 8 for ...	80d	18-Jan-22	09-May-22	39d
DIVISION 05 - STEEL		228d	02-Dec-21	21-Oct-22	8d

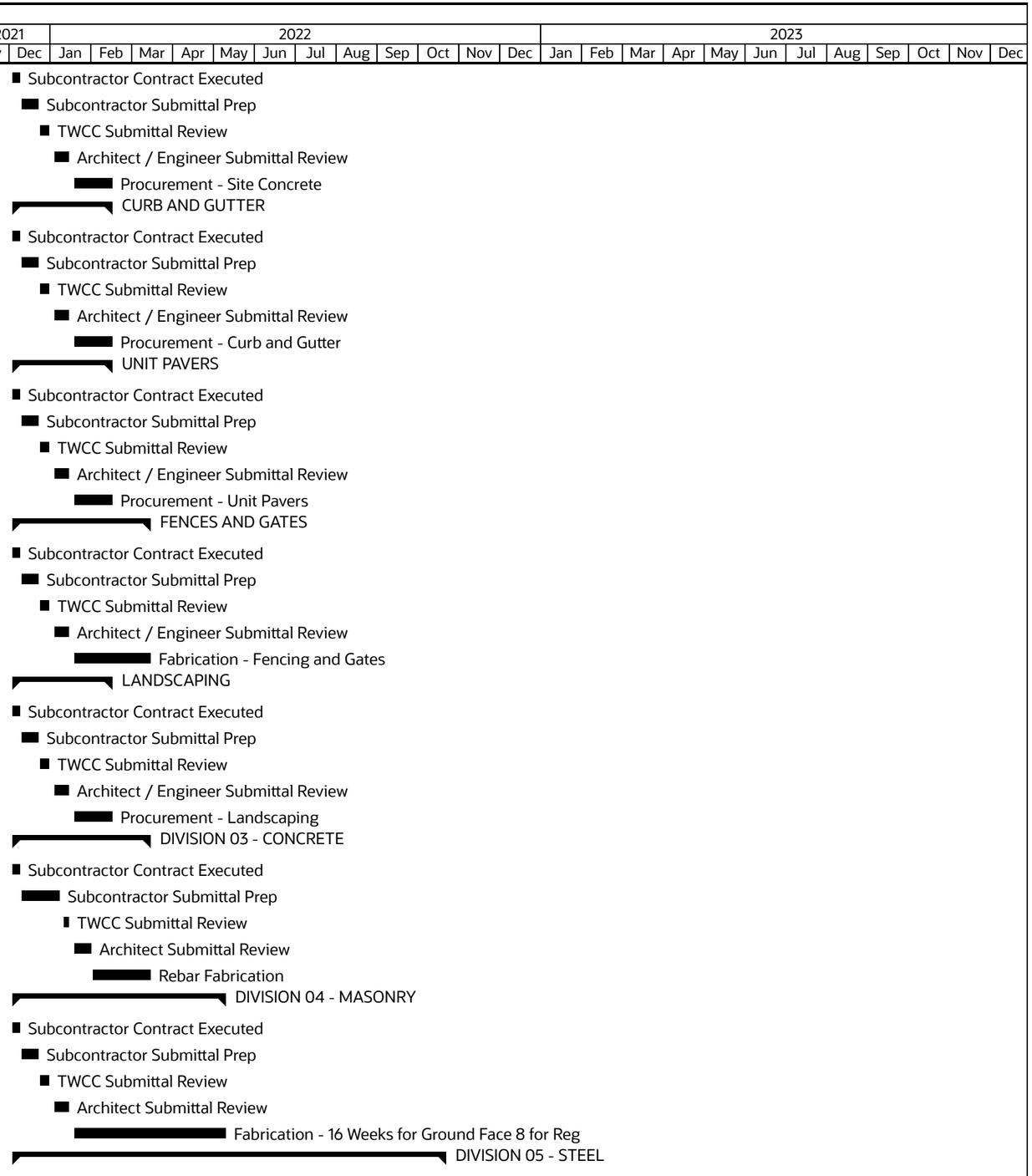


Exhibit I

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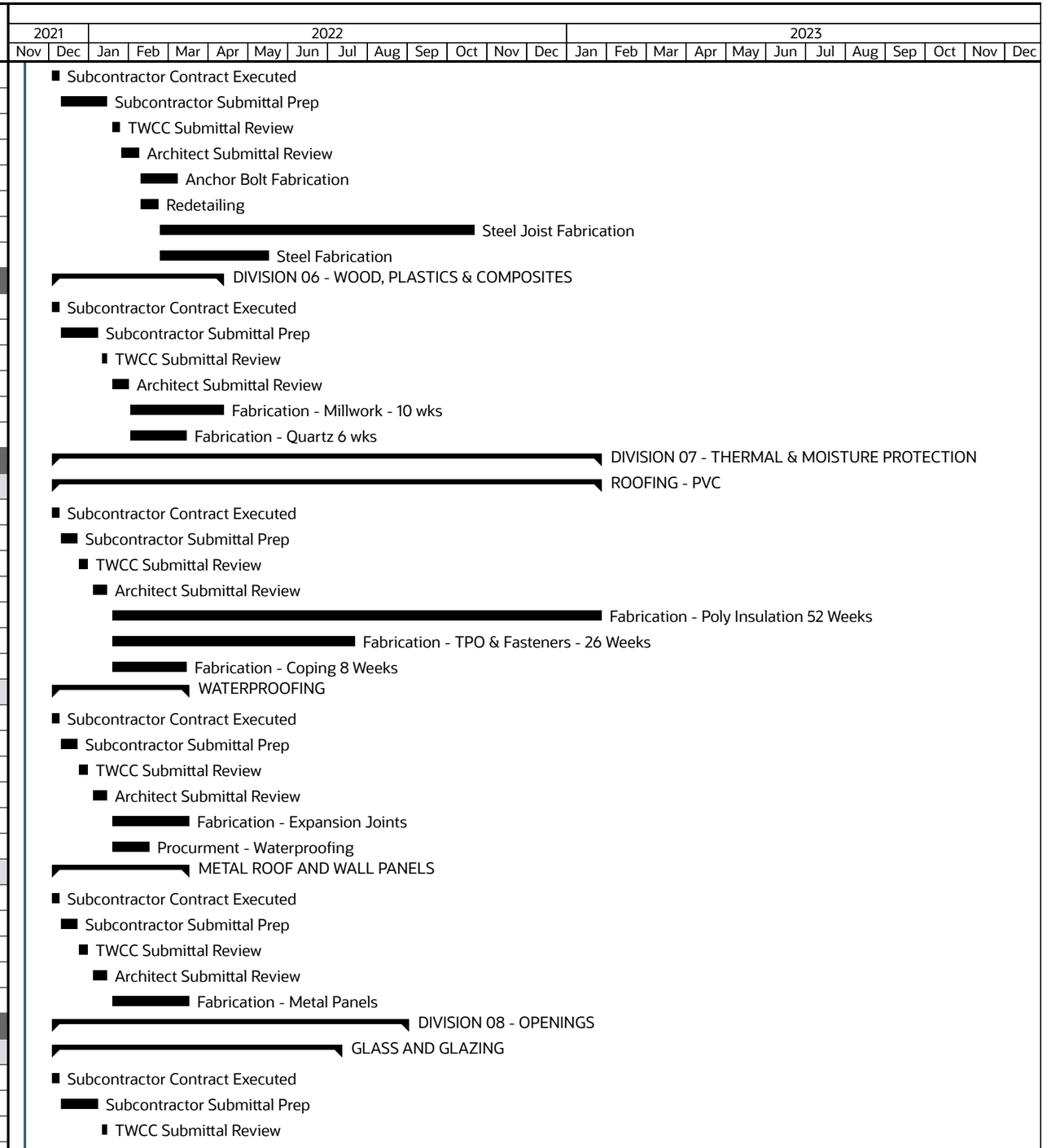
ID	Name	Planned Durat...	Start	Finish	Total Float
PROC1930	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	8d
PROC1200	Subcontractor Submittal Prep	25d	09-Dec-21	14-Jan-22	8d
PROC1210	TWCC Submittal Review	5d	18-Jan-22	24-Jan-22	8d
PROC1220	Architect Submittal Review	10d	25-Jan-22	07-Feb-22	8d
PROC1570	Anchor Bolt Fabrication	20d	08-Feb-22	07-Mar-22	80d
PROC1880	Redetailing	10d	08-Feb-22	21-Feb-22	8d
PROC1230	Steel Joist Fabrication	170d	22-Feb-22	21-Oct-22	8d
PROC1560	Steel Fabrication	60d	22-Feb-22	16-May-22	103d
DIVISION 06 - WOOD, PLASTICS & COMPOSITES		92d	02-Dec-21	11-Apr-22	266d
PROC1940	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	260d
PROC1240	Subcontractor Submittal Prep	20d	09-Dec-21	07-Jan-22	260d
PROC1250	TWCC Submittal Review	5d	10-Jan-22	14-Jan-22	260d
PROC1260	Architect Submittal Review	10d	18-Jan-22	31-Jan-22	260d
PROC1270	Fabrication - Millwork - 10 wks	50d	01-Feb-22	11-Apr-22	260d
PROC2270	Fabrication - Quartz 6 wks	30d	01-Feb-22	14-Mar-22	280d
DIVISION 07 - THERMAL & MOISTURE PROTECTION		298d	02-Dec-21	27-Jan-23	45d
ROOFING - PVC		298d	02-Dec-21	27-Jan-23	45d
PROC1950	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	45d
PROC1280	Subcontractor Submittal Prep	10d	09-Dec-21	22-Dec-21	45d
PROC1290	TWCC Submittal Review	5d	23-Dec-21	30-Dec-21	45d
PROC1300	Architect Submittal Review	10d	03-Jan-22	14-Jan-22	45d
PROC1310	Fabrication - Poly Insulation 52 Weeks	260d	18-Jan-22	27-Jan-23	45d
PROC2240	Fabrication - TPO & Fasteners - 26 Weeks	130d	18-Jan-22	21-Jul-22	103d
PROC2250	Fabrication - Coping 8 Weeks	40d	18-Jan-22	14-Mar-22	193d
WATERPROOFING		74d	02-Dec-21	16-Mar-22	137d
PROC2400	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	103d
PROC2410	Subcontractor Submittal Prep	10d	09-Dec-21	22-Dec-21	103d
PROC2420	TWCC Submittal Review	5d	23-Dec-21	30-Dec-21	103d
PROC2430	Architect Submittal Review	10d	03-Jan-22	14-Jan-22	103d
PROC2280	Fabrication - Expansion Joints	42d	18-Jan-22	16-Mar-22	136d
PROC2440	Procurment - Waterproofing	20d	18-Jan-22	14-Feb-22	158d
METAL ROOF AND WALL PANELS		74d	02-Dec-21	16-Mar-22	224d
PROC2530	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	103d
PROC2540	Subcontractor Submittal Prep	10d	09-Dec-21	22-Dec-21	103d
PROC2550	TWCC Submittal Review	5d	23-Dec-21	30-Dec-21	103d
PROC2560	Architect Submittal Review	10d	03-Jan-22	14-Jan-22	103d
PROC2570	Fabrication - Metal Panels	42d	18-Jan-22	16-Mar-22	218d
DIVISION 08 - OPENINGS		193d	02-Dec-21	01-Sep-22	220d
GLASS AND GLAZING		155d	02-Dec-21	11-Jul-22	143d
PROC2450	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	138d
PROC2460	Subcontractor Submittal Prep	20d	09-Dec-21	07-Jan-22	138d
PROC2470	TWCC Submittal Review	5d	10-Jan-22	14-Jan-22	138d



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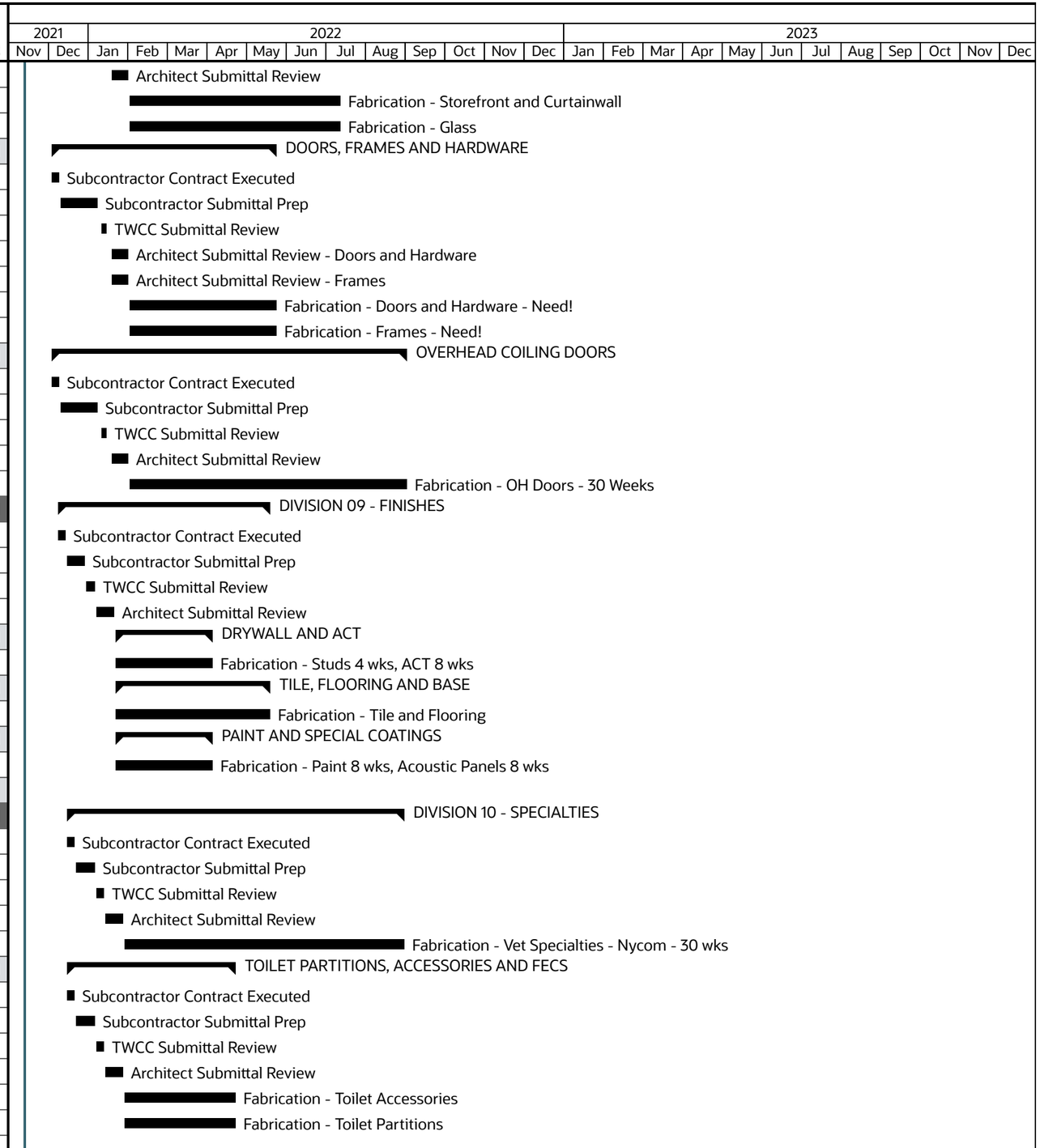
ID	Name	Planned Durat...	Start	Finish	Total Float
PROC2480	Architect Submittal Review	10d	18-Jan-22	31-Jan-22	138d
PROC1350	Fabrication - Storefront and Curtainwall	112d	01-Feb-22	11-Jul-22	138d
PROC3080	Fabrication - Glass	112d	01-Feb-22	11-Jul-22	138d
DOORS, FRAMES AND HARDWARE		122d	02-Dec-21	23-May-22	60d
PROC1960	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	59d
PROC1320	Subcontractor Submittal Prep	20d	09-Dec-21	07-Jan-22	59d
PROC1330	TWCC Submittal Review	5d	10-Jan-22	14-Jan-22	59d
PROC1340	Architect Submittal Review - Doors and Hard...	10d	18-Jan-22	31-Jan-22	59d
PROC2330	Architect Submittal Review - Frames	10d	18-Jan-22	31-Jan-22	59d
PROC2300	Fabrication - Doors and Hardware - Need!	80d	01-Feb-22	23-May-22	59d
PROC2340	Fabrication - Frames - Need!	80d	01-Feb-22	23-May-22	59d
OVERHEAD COILING DOORS		193d	02-Dec-21	01-Sep-22	220d
PROC2490	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	362d
PROC2500	Subcontractor Submittal Prep	20d	09-Dec-21	07-Jan-22	362d
PROC2510	TWCC Submittal Review	5d	10-Jan-22	14-Jan-22	362d
PROC2520	Architect Submittal Review	10d	18-Jan-22	31-Jan-22	362d
PROC2260	Fabrication - OH Doors - 30 Weeks	150d	01-Feb-22	01-Sep-22	212d
DIVISION 09 - FINISHES		116d	07-Dec-21	18-May-22	232d
PROC1970	Subcontractor Contract Executed	5d	07-Dec-21	13-Dec-21	212d
PROC1360	Subcontractor Submittal Prep	10d	14-Dec-21	28-Dec-21	212d
PROC1370	TWCC Submittal Review	5d	29-Dec-21	05-Jan-22	212d
PROC1380	Architect Submittal Review	10d	06-Jan-22	20-Jan-22	212d
DRYWALL AND ACT		52d	21-Jan-22	04-Apr-22	218d
PROC2310	Fabrication - Studs 4 wks, ACT 8 wks	52d	21-Jan-22	04-Apr-22	212d
TILE, FLOORING AND BASE		84d	21-Jan-22	18-May-22	232d
PROC2320	Fabrication - Tile and Flooring	84d	21-Jan-22	18-May-22	226d
PAINT AND SPECIAL COATINGS		52d	21-Jan-22	04-Apr-22	241d
PROC1390	Fabrication - Paint 8 wks, Acoustic Panels 8 wks	52d	21-Jan-22	04-Apr-22	235d
ACOUSTICAL TREATMENTS					
DIVISION 10 - SPECIALTIES		183d	14-Dec-21	30-Aug-22	177d
PROC1980	Subcontractor Contract Executed	5d	14-Dec-21	20-Dec-21	147d
PROC1400	Subcontractor Submittal Prep	10d	21-Dec-21	05-Jan-22	147d
PROC1410	TWCC Submittal Review	5d	06-Jan-22	12-Jan-22	147d
PROC1420	Architect Submittal Review	10d	13-Jan-22	27-Jan-22	147d
PROC1430	Fabrication - Vet Specialties - Nycom - 30 wks	150d	28-Jan-22	30-Aug-22	147d
TOILET PARTITIONS, ACCESSORIES AND FECS		92d	14-Dec-21	21-Apr-22	268d
PROC2580	Subcontractor Contract Executed	5d	14-Dec-21	20-Dec-21	262d
PROC2590	Subcontractor Submittal Prep	10d	21-Dec-21	05-Jan-22	262d
PROC2600	TWCC Submittal Review	5d	06-Jan-22	12-Jan-22	262d
PROC2610	Architect Submittal Review	10d	13-Jan-22	27-Jan-22	262d
PROC2630	Fabrication - Toilet Accessories	60d	28-Jan-22	21-Apr-22	262d
PROC2620	Fabrication - Toilet Partitions	60d	28-Jan-22	21-Apr-22	262d



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THE WINTER CONSTRUCTION COMPANY

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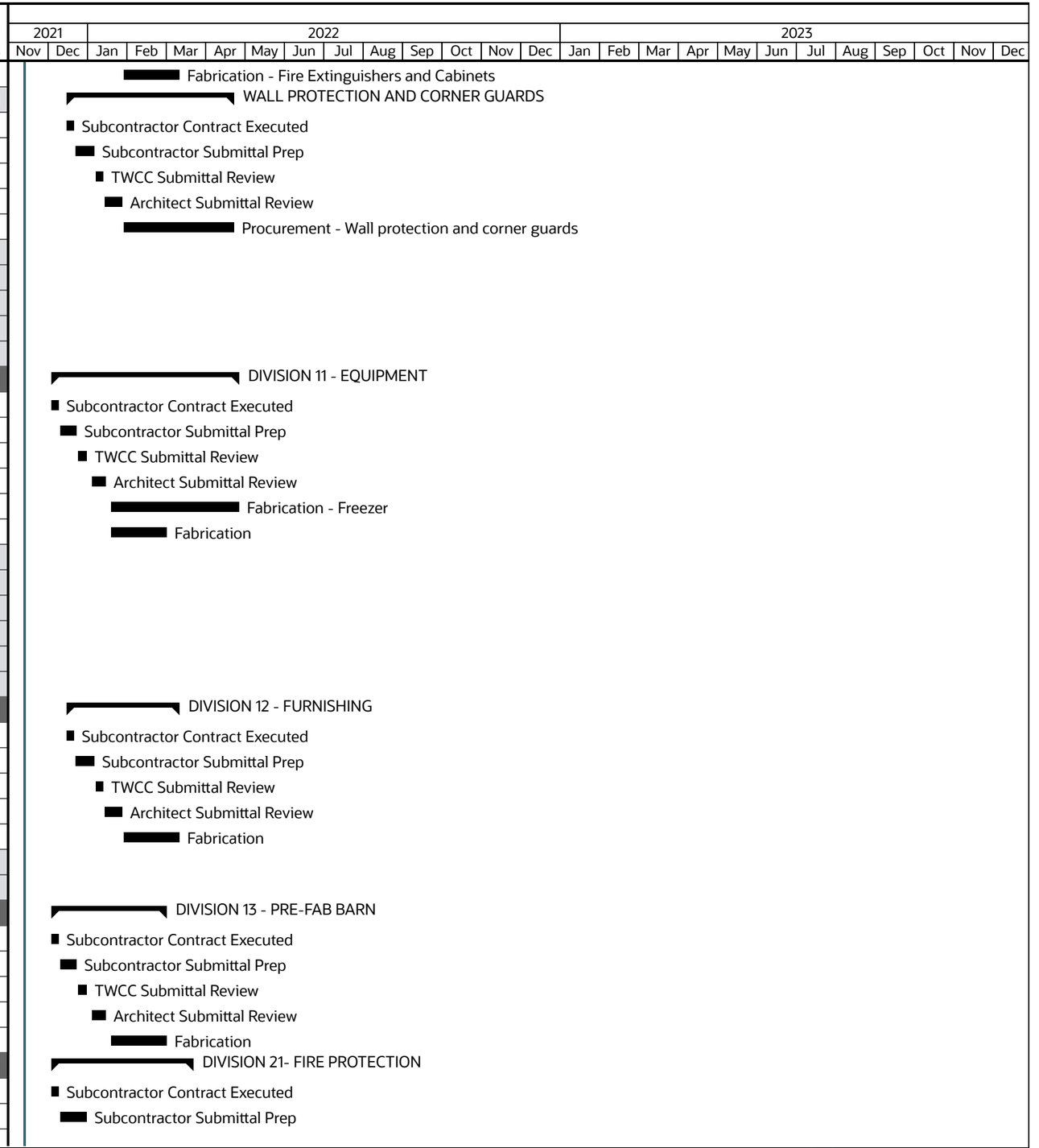
ID	Name	Planned Durat...	Start	Finish	Total Float
PROC2640	Fabrication - Fire Extinguishers and Cabinets	30d	28-Jan-22	10-Mar-22	292d
WALL PROTECTION AND CORNER GUARDS		92d	14-Dec-21	21-Apr-22	268d
PROC2650	Subcontractor Contract Executed	5d	14-Dec-21	20-Dec-21	262d
PROC2660	Subcontractor Submittal Prep	10d	21-Dec-21	05-Jan-22	262d
PROC2670	TWCC Submittal Review	5d	06-Jan-22	12-Jan-22	262d
PROC2680	Architect Submittal Review	10d	13-Jan-22	27-Jan-22	262d
PROC2690	Procurement - Wall protection and corner gua...	60d	28-Jan-22	21-Apr-22	262d
CANOPIES					
SIGNAGE					
LOCKERS					
OPERABLE PARTITIONS					
DEMOUNTABLE PARTITIONS					
DIVISION 11 - EQUIPMENT		102d	02-Dec-21	25-Apr-22	241d
PROC1990	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	225d
PROC1440	Subcontractor Submittal Prep	10d	09-Dec-21	22-Dec-21	225d
PROC1450	TWCC Submittal Review	5d	23-Dec-21	30-Dec-21	225d
PROC1460	Architect Submittal Review	10d	03-Jan-22	14-Jan-22	225d
PROC1520	Fabrication - Freezer	70d	18-Jan-22	25-Apr-22	225d
PROC1470	Fabrication	30d	18-Jan-22	28-Feb-22	275d
LAUNDRY EQUIPMENT					
PARKING CONTROL					
LOADING DOCK EQUIPMENT					
FOOD SERVICE EQUIPMENT					
RESIDENTIAL EQUIPMENT					
MEDICAL EQUIPMENT AND SPECIALTY CASEWORK					
DIVISION 12 - FURNISHING		62d	14-Dec-21	10-Mar-22	273d
PROC2000	Subcontractor Contract Executed	5d	14-Dec-21	20-Dec-21	267d
PROC1480	Subcontractor Submittal Prep	10d	21-Dec-21	05-Jan-22	267d
PROC1490	TWCC Submittal Review	5d	06-Jan-22	12-Jan-22	267d
PROC1500	Architect Submittal Review	10d	13-Jan-22	27-Jan-22	267d
PROC1510	Fabrication	30d	28-Jan-22	10-Mar-22	267d
CHICKEN COOP					
WINDOW TREATMENTS					
DIVISION 13 - PRE-FAB BARN		62d	02-Dec-21	28-Feb-22	280d
PROC2150	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	274d
PROC2160	Subcontractor Submittal Prep	10d	09-Dec-21	22-Dec-21	274d
PROC2170	TWCC Submittal Review	5d	23-Dec-21	30-Dec-21	274d
PROC2180	Architect Submittal Review	10d	03-Jan-22	14-Jan-22	274d
PROC2190	Fabrication	30d	18-Jan-22	28-Feb-22	274d
DIVISION 21- FIRE PROTECTION		77d	02-Dec-21	21-Mar-22	195d
PROC2030	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	192d
PROC1600	Subcontractor Submittal Prep	15d	09-Dec-21	30-Dec-21	192d



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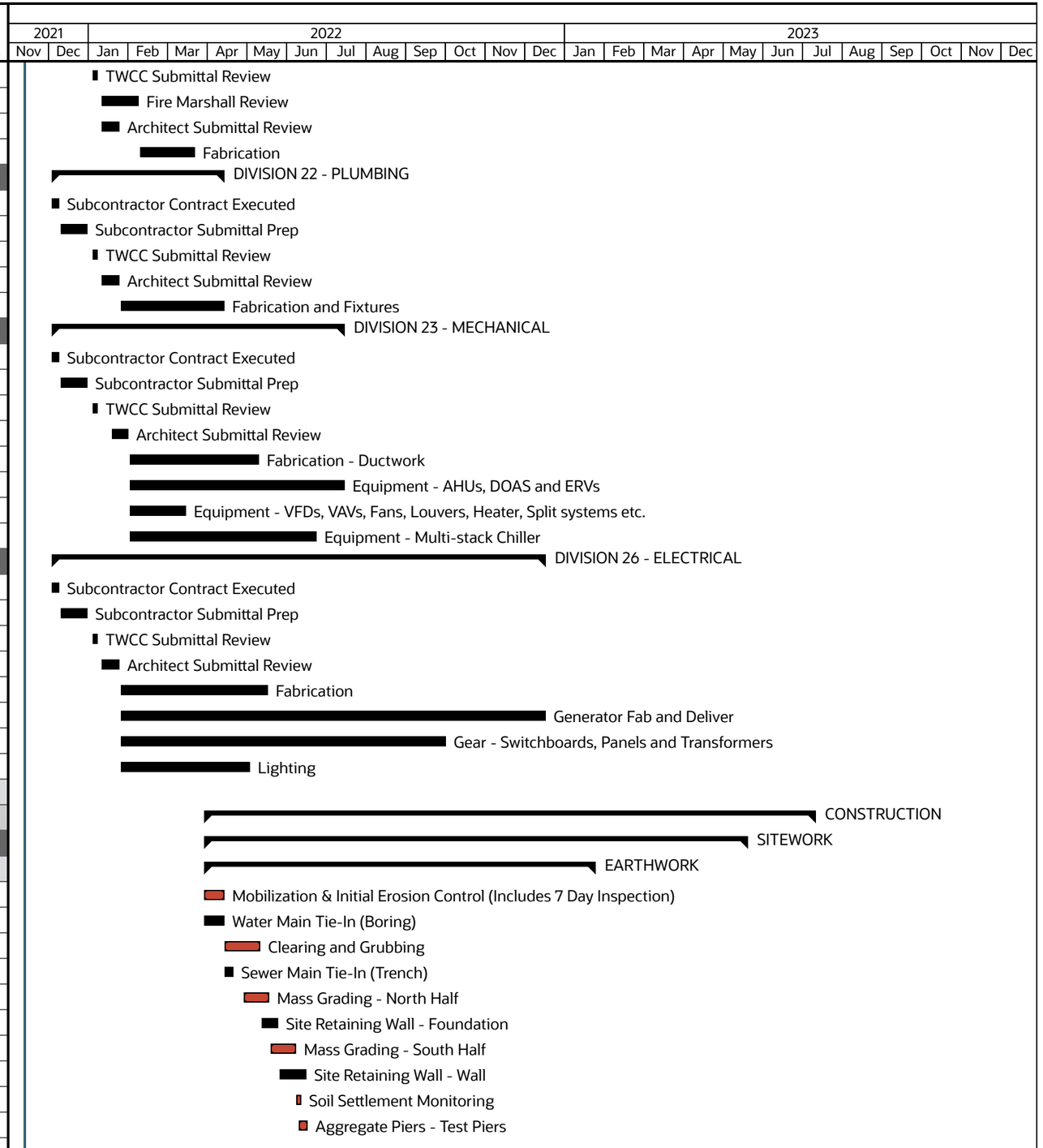
ID	Name	Planned Durat...	Start	Finish	Total Float
PROC1610	TWCC Submittal Review	5d	03-Jan-22	07-Jan-22	192d
PROC2090	Fire Marshall Review	20d	10-Jan-22	07-Feb-22	192d
PROC1620	Architect Submittal Review	10d	10-Jan-22	24-Jan-22	202d
PROC1630	Fabrication	30d	08-Feb-22	21-Mar-22	192d
DIVISION 22 - PLUMBING		93d	02-Dec-21	12-Apr-22	59d
PROC2040	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	58d
PROC1640	Subcontractor Submittal Prep	15d	09-Dec-21	30-Dec-21	58d
PROC1650	TWCC Submittal Review	5d	03-Jan-22	07-Jan-22	58d
PROC1660	Architect Submittal Review	10d	10-Jan-22	24-Jan-22	58d
PROC1670	Fabrication and Fixtures	56d	25-Jan-22	12-Apr-22	58d
DIVISION 23 - MECHANICAL		158d	02-Dec-21	14-Jul-22	168d
PROC2050	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	157d
PROC1680	Subcontractor Submittal Prep	15d	09-Dec-21	30-Dec-21	157d
PROC1690	TWCC Submittal Review	5d	03-Jan-22	07-Jan-22	157d
PROC1700	Architect Submittal Review	10d	18-Jan-22	31-Jan-22	157d
PROC1710	Fabrication - Ductwork	70d	01-Feb-22	09-May-22	157d
PROC2230	Equipment - AHUs, DOAS and ERVs	115d	01-Feb-22	14-Jul-22	158d
PROC3100	Equipment - VFDs, VAVs, Fans, Louvers, Heat...	30d	01-Feb-22	14-Mar-22	197d
PROC3090	Equipment - Multi-stack Chiller	100d	01-Feb-22	22-Jun-22	178d
DIVISION 26 - ELECTRICAL		268d	02-Dec-21	16-Dec-22	93d
PROC2060	Subcontractor Contract Executed	5d	02-Dec-21	08-Dec-21	41d
PROC1720	Subcontractor Submittal Prep	15d	09-Dec-21	30-Dec-21	41d
PROC1730	TWCC Submittal Review	5d	03-Jan-22	07-Jan-22	41d
PROC1740	Architect Submittal Review	10d	10-Jan-22	24-Jan-22	41d
PROC1750	Fabrication	80d	25-Jan-22	16-May-22	155d
PROC2200	Generator Fab and Deliver	228d	25-Jan-22	16-Dec-22	41d
PROC2210	Gear - Switchboards, Panels and Transformers	175d	25-Jan-22	30-Sep-22	98d
PROC2220	Lighting	70d	25-Jan-22	02-May-22	248d
IT, ACCESS CONTROL AND TELECOM					
CONSTRUCTION		332d	28-Mar-22	10-Jul-23	0d
SITEWORK		296d	28-Mar-22	19-May-23	6d
EARTHWORK		214d	28-Mar-22	24-Jan-23	45d
A1100	Mobilization & Initial Erosion Control (Include...	10d	28-Mar-22	12-Apr-22	-1d
A2140	Water Main Tie-In (Boring)	10d	28-Mar-22	12-Apr-22	153d
A1110	Clearing and Grubbing	20d	13-Apr-22	10-May-22	-1d
A2150	Sewer Main Tie-In (Trench)	5d	13-Apr-22	19-Apr-22	153d
A2850	Mass Grading - North Half	15d	27-Apr-22	17-May-22	-1d
A2630	Site Retaining Wall - Foundation	10d	11-May-22	24-May-22	16d
A1120	Mass Grading - South Half	15d	18-May-22	07-Jun-22	-1d
A2620	Site Retaining Wall - Wall	15d	25-May-22	14-Jun-22	16d
A1320	Soil Settlement Monitoring	3d	07-Jun-22	11-Jun-22	-1d
A2120	Aggregate Piers - Test Piers	5d	09-Jun-22	16-Jun-22	0d



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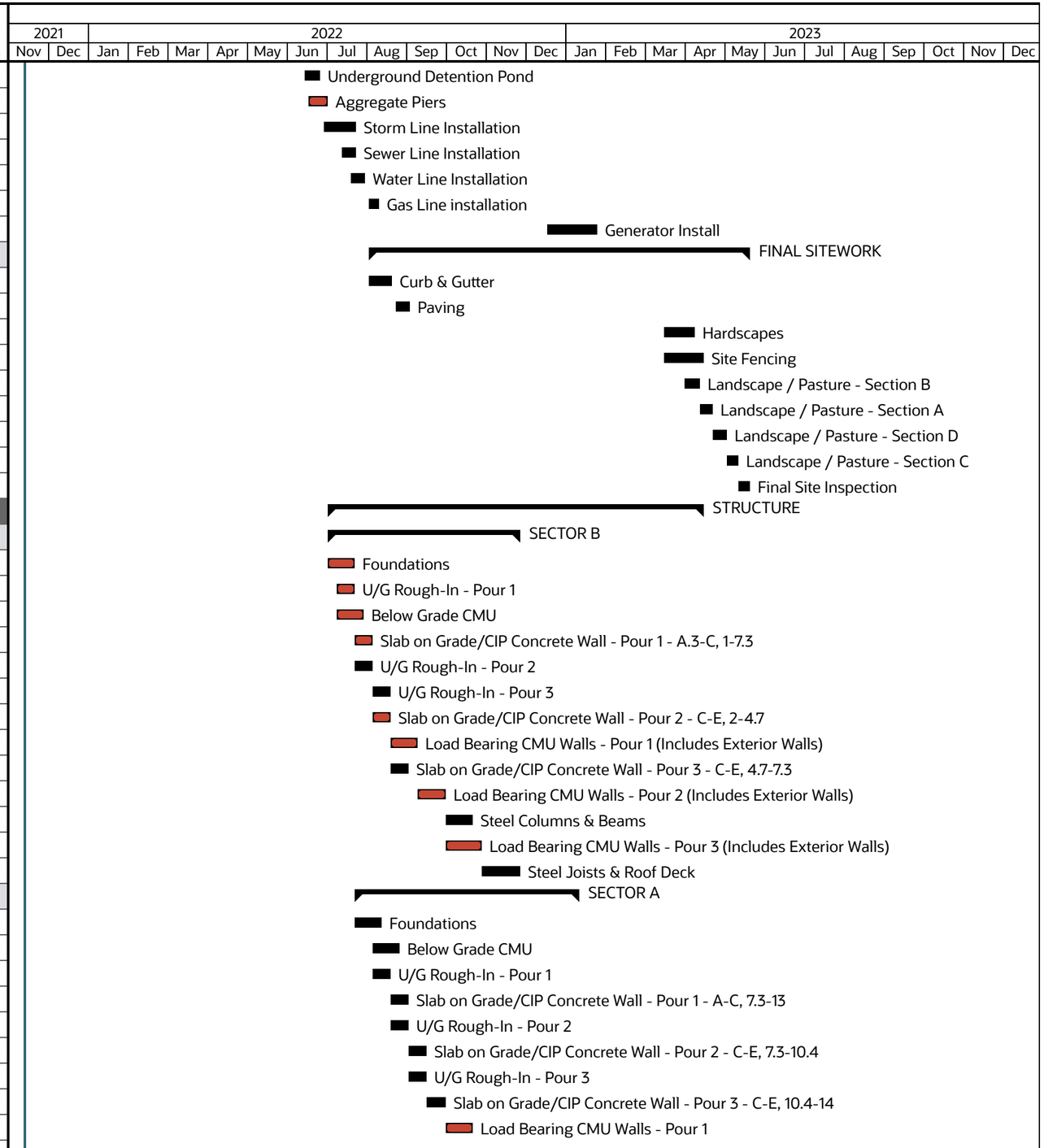
ID	Name	Planned Durat...	Start	Finish	Total Float
A2190	Underground Detention Pond	10d	13-Jun-22	24-Jun-22	95d
A2130	Aggregate Piers	10d	16-Jun-22	30-Jun-22	0d
A2180	Storm Line Installation	20d	27-Jun-22	22-Jul-22	95d
A2220	Sewer Line Installation	10d	11-Jul-22	22-Jul-22	95d
A2170	Water Line Installation	10d	18-Jul-22	29-Jul-22	95d
A1130	Gas Line installation	7d	01-Aug-22	09-Aug-22	145d
A3560	Generator Install	20d	16-Dec-22	24-Jan-23	32d
FINAL SITEWORK		208d	01-Aug-22	19-May-23	6d
A1140	Curb & Gutter	15d	01-Aug-22	19-Aug-22	115d
A1150	Paving	10d	22-Aug-22	02-Sep-22	138d
A1160	Hardscapes	15d	14-Mar-23	07-Apr-23	6d
A2010	Site Fencing	20d	14-Mar-23	14-Apr-23	24d
A1170	Landscape / Pasture - Section B	7d	30-Mar-23	11-Apr-23	6d
A2580	Landscape / Pasture - Section A	7d	11-Apr-23	20-Apr-23	6d
A2590	Landscape / Pasture - Section D	7d	20-Apr-23	01-May-23	6d
A2570	Landscape / Pasture - Section C	7d	01-May-23	10-May-23	6d
A1340	Final Site Inspection	7d	10-May-23	19-May-23	6d
STRUCTURE		184d	30-Jun-22	14-Apr-23	16d
SECTOR B		105d	30-Jun-22	25-Nov-22	5d
B-100	Foundations	15d	30-Jun-22	21-Jul-22	0d
B-110	U/G Rough-In - Pour 1	10d	07-Jul-22	21-Jul-22	0d
B-120	Below Grade CMU	15d	07-Jul-22	28-Jul-22	0d
B-130	Slab on Grade/CIP Concrete Wall - Pour 1 - A....	10d	21-Jul-22	04-Aug-22	0d
B-140	U/G Rough-In - Pour 2	10d	21-Jul-22	04-Aug-22	4d
B-150	U/G Rough-In - Pour 3	10d	04-Aug-22	18-Aug-22	4d
B-160	Slab on Grade/CIP Concrete Wall - Pour 2 - C-...	10d	04-Aug-22	18-Aug-22	0d
B-170	Load Bearing CMU Walls - Pour 1 (Includes Ex...	15d	18-Aug-22	08-Sep-22	0d
B-180	Slab on Grade/CIP Concrete Wall - Pour 3 - C-...	10d	18-Aug-22	01-Sep-22	30d
B-190	Load Bearing CMU Walls - Pour 2 (Includes Ex...	15d	08-Sep-22	29-Sep-22	0d
B-200	Steel Columns & Beams	15d	29-Sep-22	20-Oct-22	10d
B-210	Load Bearing CMU Walls - Pour 3 (Includes Ex...	20d	29-Sep-22	27-Oct-22	0d
B-220	Steel Joists & Roof Deck	20d	27-Oct-22	25-Nov-22	5d
SECTOR A		115d	21-Jul-22	10-Jan-23	0d
A-100	Foundations	15d	21-Jul-22	11-Aug-22	4d
A-110	Below Grade CMU	15d	04-Aug-22	25-Aug-22	9d
A-120	U/G Rough-In - Pour 1	10d	04-Aug-22	18-Aug-22	4d
A-130	Slab on Grade/CIP Concrete Wall - Pour 1 - A-...	10d	18-Aug-22	01-Sep-22	9d
A-140	U/G Rough-In - Pour 2	10d	18-Aug-22	01-Sep-22	4d
A-150	Slab on Grade/CIP Concrete Wall - Pour 2 - C-...	10d	01-Sep-22	15-Sep-22	25d
A-160	U/G Rough-In - Pour 3	10d	01-Sep-22	15-Sep-22	4d
A-170	Slab on Grade/CIP Concrete Wall - Pour 3 - C-...	10d	15-Sep-22	29-Sep-22	25d
A-180	Load Bearing CMU Walls - Pour 1	15d	29-Sep-22	20-Oct-22	0d



Current
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DATA DATE: 12-Nov-21
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INITIAL PREP VIEW
Fulton County Animal Services Facility
THE WINTER CONSTRUCTION COMPANY

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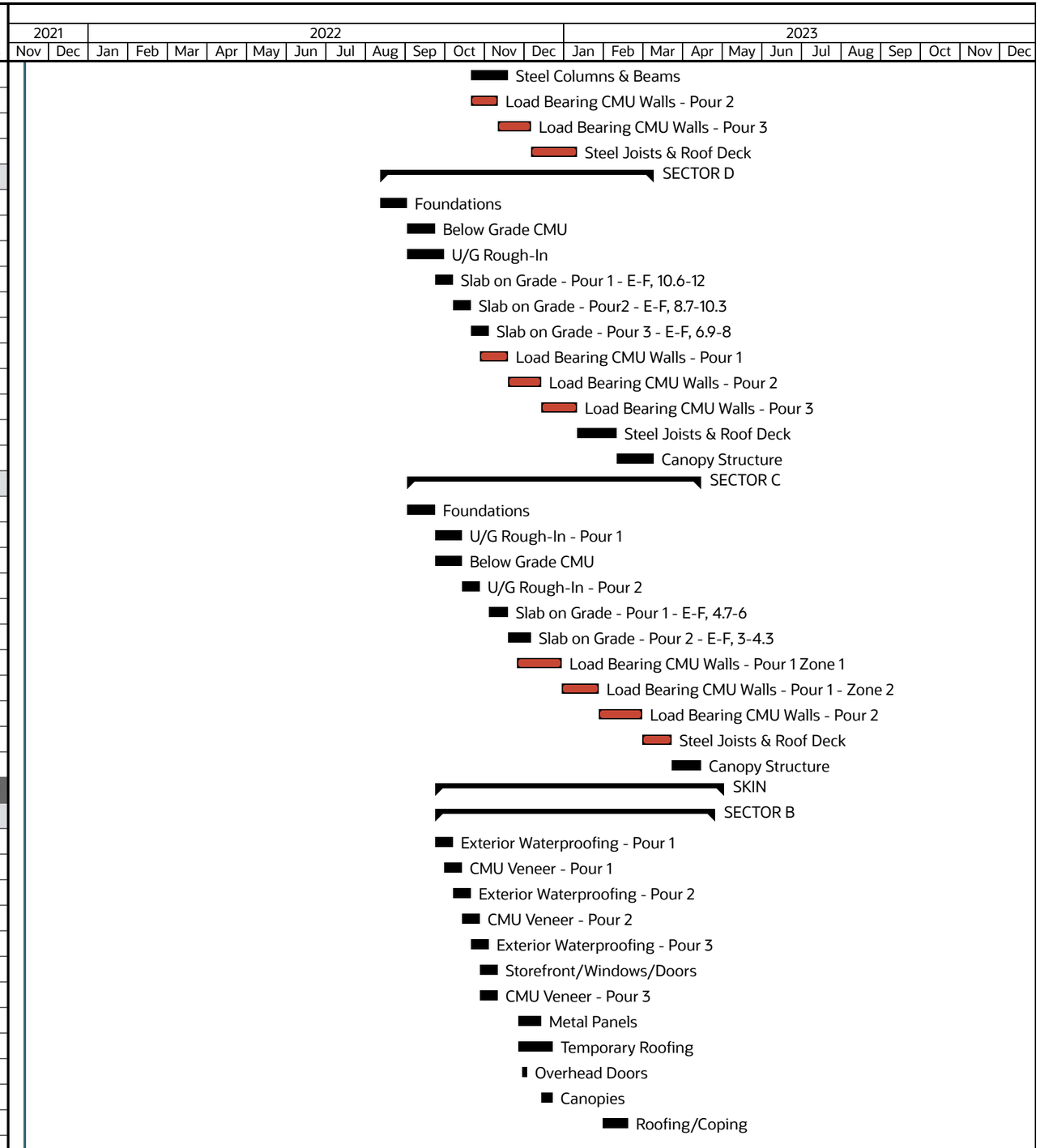
Exhibit I

11/12/2021

ID	Name	Planned Durat...	Start	Finish	Total Float
A-190	Steel Columns & Beams	20d	20-Oct-22	18-Nov-22	10d
A-200	Load Bearing CMU Walls - Pour 2	15d	20-Oct-22	10-Nov-22	0d
A-210	Load Bearing CMU Walls - Pour 3	15d	10-Nov-22	05-Dec-22	0d
A-220	Steel Joists & Roof Deck	20d	05-Dec-22	10-Jan-23	0d
SECTOR D		130d	11-Aug-22	08-Mar-23	33d
D-100	Foundations	15d	11-Aug-22	01-Sep-22	9d
D-110	Below Grade CMU	15d	01-Sep-22	22-Sep-22	4d
D-120	U/G Rough-In	20d	01-Sep-22	29-Sep-22	4d
D-130	Slab on Grade - Pour 1 - E-F, 10.6-12	10d	22-Sep-22	06-Oct-22	4d
D-140	Slab on Grade - Pour2 - E-F, 8.7-10.3	10d	06-Oct-22	20-Oct-22	4d
D-150	Slab on Grade - Pour 3 - E-F, 6.9-8	10d	20-Oct-22	03-Nov-22	4d
D-160	Load Bearing CMU Walls - Pour 1	15d	27-Oct-22	18-Nov-22	0d
D-170	Load Bearing CMU Walls - Pour 2	15d	18-Nov-22	13-Dec-22	0d
D-180	Load Bearing CMU Walls - Pour 3	15d	13-Dec-22	10-Jan-23	0d
D-190	Steel Joists & Roof Deck	15d	10-Jan-23	09-Feb-23	3d
D-200	Canopy Structure	15d	09-Feb-23	08-Mar-23	30d
SECTOR C		139d	01-Sep-22	14-Apr-23	16d
C-100	Foundations	15d	01-Sep-22	22-Sep-22	29d
C-110	U/G Rough-In - Pour 1	15d	22-Sep-22	13-Oct-22	19d
C-120	Below Grade CMU	15d	22-Sep-22	13-Oct-22	19d
C-130	U/G Rough-In - Pour 2	10d	13-Oct-22	27-Oct-22	75d
C-140	Slab on Grade - Pour 1 - E-F, 4.7-6	10d	03-Nov-22	18-Nov-22	4d
C-150	Slab on Grade - Pour 2 - E-F, 3-4.3	10d	18-Nov-22	05-Dec-22	60d
C-160	Load Bearing CMU Walls - Pour 1 Zone 1	20d	24-Nov-22	29-Dec-22	0d
C-170	Load Bearing CMU Walls - Pour 1 - Zone 2	15d	29-Dec-22	27-Jan-23	0d
C-180	Load Bearing CMU Walls - Pour 2	15d	27-Jan-23	27-Feb-23	0d
C-190	Steel Joists & Roof Deck	15d	27-Feb-23	22-Mar-23	0d
C-200	Canopy Structure	15d	22-Mar-23	14-Apr-23	16d
SKIN		157d	22-Sep-22	01-May-23	10d
SECTOR B		152d	22-Sep-22	24-Apr-23	15d
B-SKN-100	Exterior Waterproofing - Pour 1	10d	22-Sep-22	06-Oct-22	5d
B-SKN-110	CMU Veneer - Pour 1	10d	29-Sep-22	13-Oct-22	25d
B-SKN-120	Exterior Waterproofing - Pour 2	10d	06-Oct-22	20-Oct-22	5d
B-SKN-130	CMU Veneer - Pour 2	10d	13-Oct-22	27-Oct-22	25d
B-SKN-140	Exterior Waterproofing - Pour 3	10d	20-Oct-22	03-Nov-22	5d
B-SKN-150	Storefront/Windows/Doors	10d	27-Oct-22	10-Nov-22	55d
B-SKN-160	CMU Veneer - Pour 3	10d	27-Oct-22	10-Nov-22	25d
B-SKN-170	Metal Panels	10d	25-Nov-22	13-Dec-22	35d
B-SKN-200	Temporary Roofing	15d	25-Nov-22	22-Dec-22	13d
B-SKN-180	Overhead Doors	5d	28-Nov-22	02-Dec-22	87d
B-SKN-190	Canopies	5d	13-Dec-22	22-Dec-22	45d
B-SKN-220	Roofing/Coping	15d	30-Jan-23	17-Feb-23	45d



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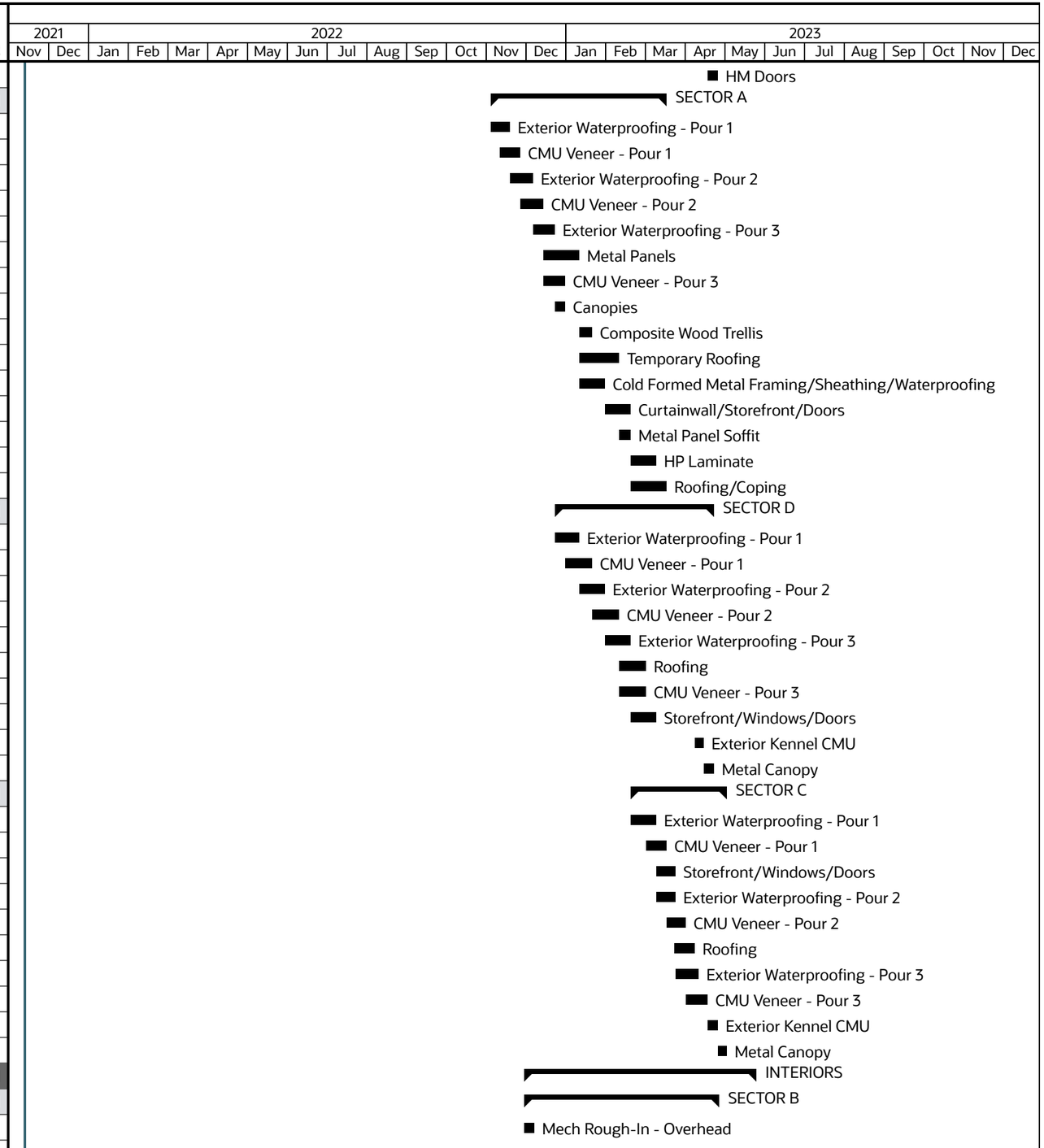
ID	Name	Planned Durat...	Start	Finish	Total Float
B-SKN-210	HM Doors	5d	17-Apr-23	24-Apr-23	15d
SECTOR A		76d	03-Nov-22	16-Mar-23	41d
A-SKN-100	Exterior Waterproofing - Pour 1	10d	03-Nov-22	18-Nov-22	5d
A-SKN-110	CMU Veneer - Pour 1	10d	10-Nov-22	25-Nov-22	25d
A-SKN-120	Exterior Waterproofing - Pour 2	10d	18-Nov-22	05-Dec-22	5d
A-SKN-130	CMU Veneer - Pour 2	10d	25-Nov-22	13-Dec-22	25d
A-SKN-140	Exterior Waterproofing - Pour 3	10d	05-Dec-22	22-Dec-22	5d
A-SKN-160	Metal Panels	15d	13-Dec-22	10-Jan-23	35d
A-SKN-150	CMU Veneer - Pour 3	10d	13-Dec-22	30-Dec-22	25d
A-SKN-170	Canopies	5d	22-Dec-22	30-Dec-22	45d
A-SKN-190	Composite Wood Trellis	5d	10-Jan-23	20-Jan-23	35d
A-SKN-220	Temporary Roofing	15d	10-Jan-23	09-Feb-23	3d
A-SKN-180	Cold Formed Metal Framing/Sheathing/Wate...	10d	10-Jan-23	30-Jan-23	10d
A-SKN-200	Curtainwall/Storefront/Doors	10d	30-Jan-23	17-Feb-23	10d
A-SKN-230	Metal Panel Soffit	5d	09-Feb-23	17-Feb-23	20d
A-SKN-210	HP Laminate	10d	17-Feb-23	08-Mar-23	10d
A-SKN-240	Roofing/Coping	15d	17-Feb-23	16-Mar-23	39d
SECTOR D		69d	22-Dec-22	21-Apr-23	1d
D-SKN-100	Exterior Waterproofing - Pour 1	10d	22-Dec-22	10-Jan-23	5d
D-SKN-110	CMU Veneer - Pour 1	10d	30-Dec-22	20-Jan-23	25d
D-SKN-120	Exterior Waterproofing - Pour 2	10d	10-Jan-23	30-Jan-23	5d
D-SKN-130	CMU Veneer - Pour 2	10d	20-Jan-23	09-Feb-23	25d
D-SKN-140	Exterior Waterproofing - Pour 3	10d	30-Jan-23	17-Feb-23	5d
D-SKN-150	Roofing	10d	09-Feb-23	28-Feb-23	3d
D-SKN-160	CMU Veneer - Pour 3	10d	09-Feb-23	28-Feb-23	25d
D-SKN-170	Storefront/Windows/Doors	10d	17-Feb-23	08-Mar-23	10d
D-SKN-180	Exterior Kennel CMU	5d	07-Apr-23	14-Apr-23	1d
D-SKN-190	Metal Canopy	5d	14-Apr-23	21-Apr-23	1d
SECTOR C		45d	17-Feb-23	01-May-23	5d
C-SKN-100	Exterior Waterproofing - Pour 1	10d	17-Feb-23	08-Mar-23	5d
C-SKN-110	CMU Veneer - Pour 1	10d	28-Feb-23	16-Mar-23	5d
C-SKN-120	Storefront/Windows/Doors	10d	08-Mar-23	23-Mar-23	10d
C-SKN-130	Exterior Waterproofing - Pour 2	10d	08-Mar-23	23-Mar-23	5d
C-SKN-140	CMU Veneer - Pour 2	10d	16-Mar-23	31-Mar-23	5d
C-SKN-150	Roofing	10d	22-Mar-23	07-Apr-23	1d
C-SKN-160	Exterior Waterproofing - Pour 3	10d	23-Mar-23	10-Apr-23	5d
C-SKN-170	CMU Veneer - Pour 3	10d	31-Mar-23	17-Apr-23	5d
C-SKN-180	Exterior Kennel CMU	5d	17-Apr-23	24-Apr-23	5d
C-SKN-190	Metal Canopy	5d	24-Apr-23	01-May-23	5d
INTERIORS		127d	28-Nov-22	24-May-23	0d
SECTOR B		106d	28-Nov-22	25-Apr-23	21d
B-INT-100	Mech Rough-In - Overhead	7d	28-Nov-22	06-Dec-22	19d



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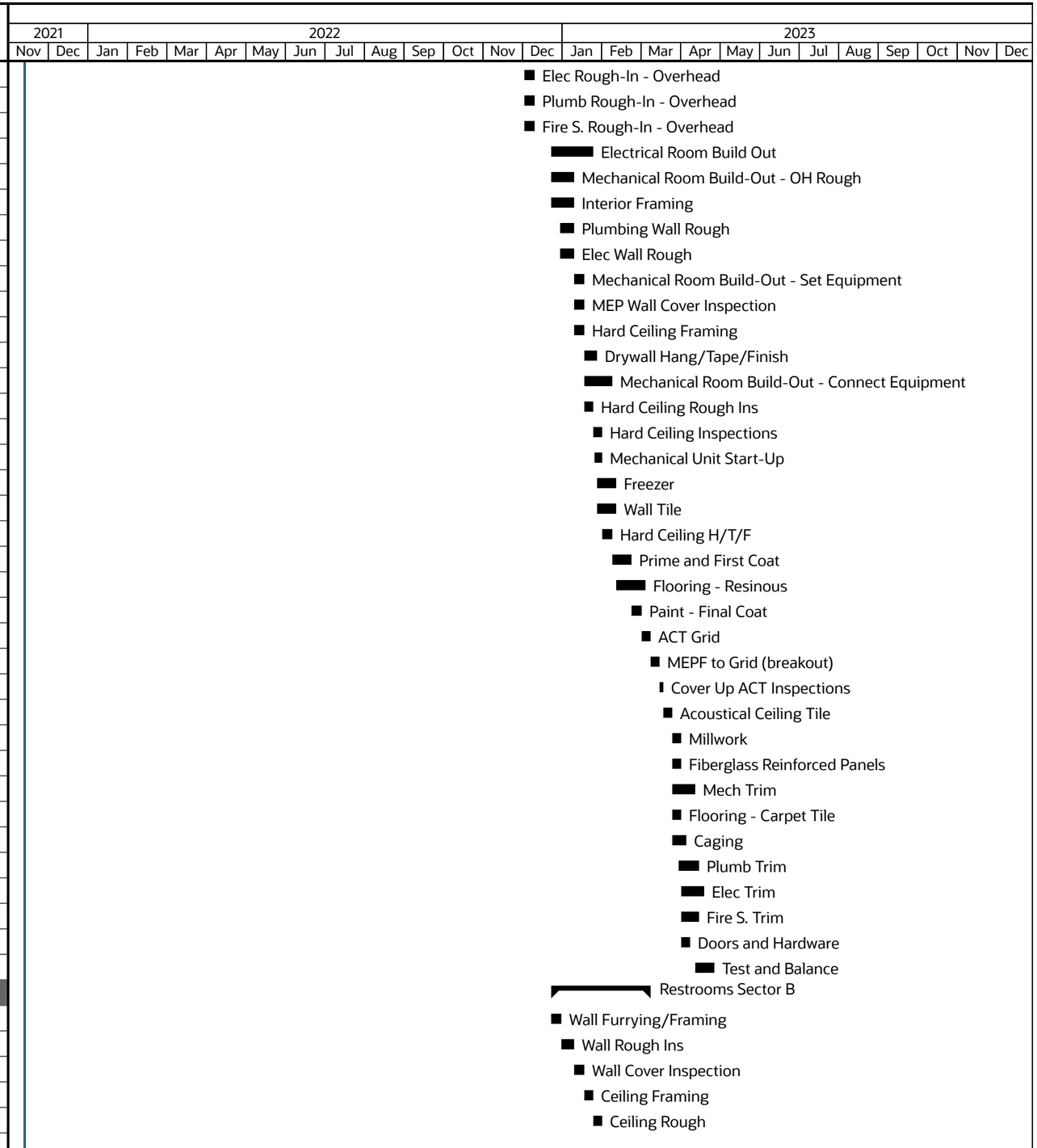
ID	Name	Planned Durat...	Start	Finish	Total Float
B-INT-110	Elec Rough-In - Overhead	7d	01-Dec-22	09-Dec-22	19d
B-INT-120	Plumb Rough-In - Overhead	7d	01-Dec-22	09-Dec-22	19d
B-INT-130	Fire S. Rough-In - Overhead	7d	01-Dec-22	09-Dec-22	19d
B-INT-210	Electrical Room Build Out	20d	22-Dec-22	24-Jan-23	42d
B-INT-220	Mechanical Room Build-Out - OH Rough	10d	22-Dec-22	09-Jan-23	37d
B-INT-140	Interior Framing	10d	22-Dec-22	09-Jan-23	11d
B-INT-150	Plumbing Wall Rough	6d	29-Dec-22	09-Jan-23	16d
B-INT-160	Elec Wall Rough	6d	29-Dec-22	09-Jan-23	16d
B-INT-270	Mechanical Room Build-Out - Set Equipment	5d	09-Jan-23	17-Jan-23	37d
B-INT-170	MEP Wall Cover Inspection	5d	09-Jan-23	17-Jan-23	16d
B-INT-180	Hard Ceiling Framing	5d	09-Jan-23	17-Jan-23	14d
B-INT-230	Drywall Hang/Tape/Finish	8d	17-Jan-23	27-Jan-23	16d
B-INT-290	Mechanical Room Build-Out - Connect Equip...	15d	17-Jan-23	07-Feb-23	37d
B-INT-190	Hard Ceiling Rough Ins	5d	17-Jan-23	24-Jan-23	14d
B-INT-200	Hard Ceiling Inspections	5d	24-Jan-23	31-Jan-23	14d
B-INT-310	Mechanical Unit Start-Up	5d	25-Jan-23	31-Jan-23	41d
B-INT-240	Freezer	10d	27-Jan-23	10-Feb-23	36d
B-INT-250	Wall Tile	10d	27-Jan-23	10-Feb-23	51d
B-INT-260	Hard Ceiling H/T/F	5d	31-Jan-23	07-Feb-23	14d
B-INT-280	Prime and First Coat	10d	07-Feb-23	21-Feb-23	14d
B-INT-300	Flooring - Resinous	15d	10-Feb-23	03-Mar-23	36d
B-INT-320	Paint - Final Coat	5d	21-Feb-23	28-Feb-23	14d
B-INT-330	ACT Grid	5d	28-Feb-23	07-Mar-23	14d
B-INT-340	MEPF to Grid (breakout)	5d	07-Mar-23	14-Mar-23	14d
B-INT-350	Cover Up ACT Inspections	3d	14-Mar-23	17-Mar-23	14d
B-INT-360	Acoustical Ceiling Tile	5d	17-Mar-23	24-Mar-23	14d
B-INT-370	Millwork	5d	24-Mar-23	31-Mar-23	21d
B-INT-380	Fiberglass Reinforced Panels	5d	24-Mar-23	31-Mar-23	21d
B-INT-390	Mech Trim	12d	24-Mar-23	11-Apr-23	21d
B-INT-400	Flooring - Carpet Tile	5d	24-Mar-23	31-Mar-23	14d
B-INT-410	Caging	7d	24-Mar-23	04-Apr-23	29d
B-INT-420	Plumb Trim	12d	29-Mar-23	14-Apr-23	21d
B-INT-430	Elec Trim	12d	31-Mar-23	18-Apr-23	19d
B-INT-440	Fire S. Trim	10d	31-Mar-23	14-Apr-23	21d
B-INT-450	Doors and Hardware	5d	31-Mar-23	07-Apr-23	26d
B-INT-460	Test and Balance	10d	11-Apr-23	25-Apr-23	21d
Restrooms Sector B		53d	22-Dec-22	07-Mar-23	49d
B-RR-100	Wall Furrying/Framing	5d	22-Dec-22	30-Dec-22	49d
B-RR-110	Wall Rough Ins	5d	30-Dec-22	09-Jan-23	49d
B-RR-120	Wall Cover Inspection	5d	09-Jan-23	17-Jan-23	49d
B-RR-130	Ceiling Framing	5d	17-Jan-23	24-Jan-23	49d
B-RR-140	Ceiling Rough	5d	24-Jan-23	31-Jan-23	49d



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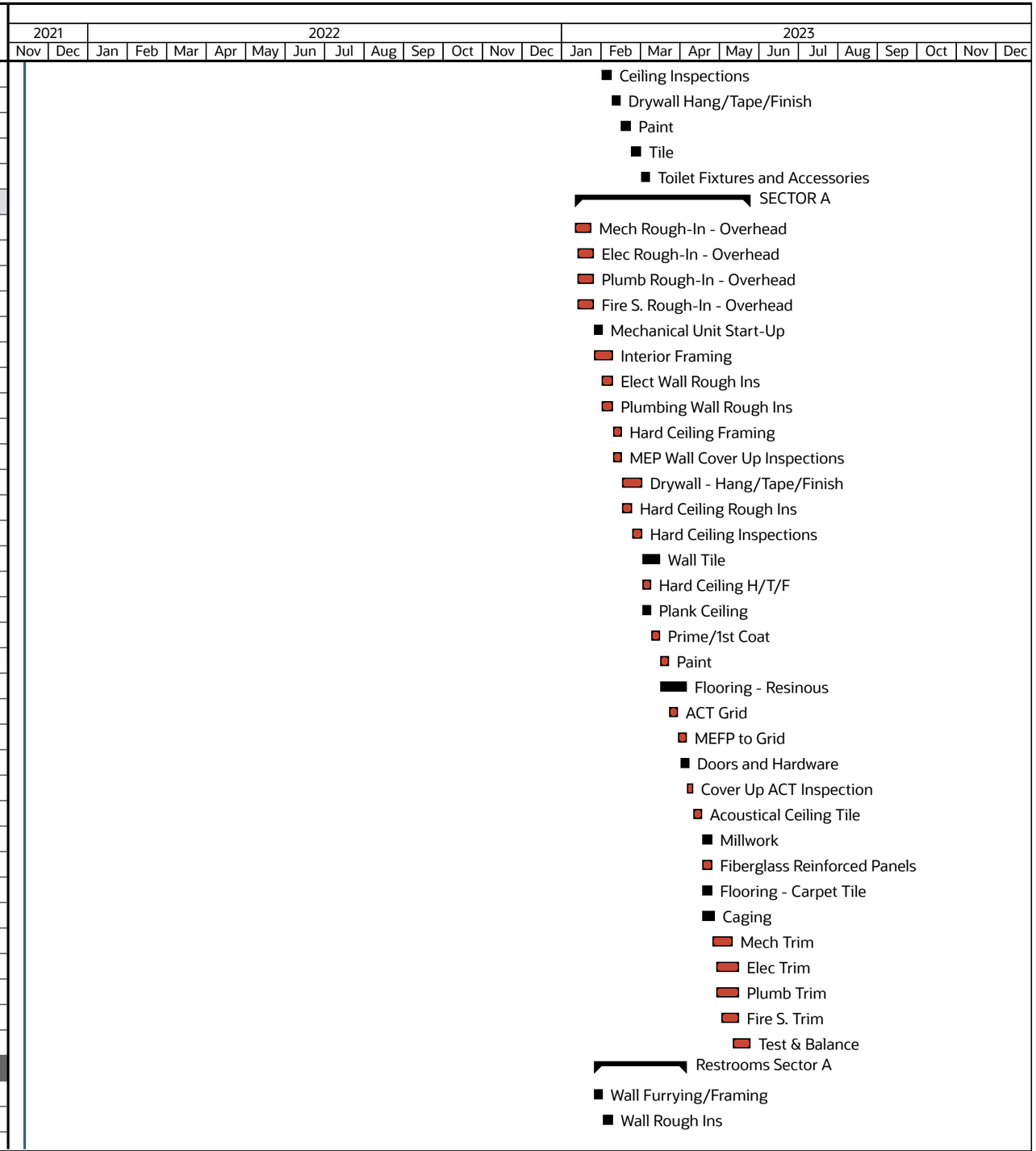
ID	Name	Planned Durat...	Start	Finish	Total Float
B-RR-150	Ceiling Inspections	5d	31-Jan-23	07-Feb-23	49d
B-RR-160	Drywall Hang/Tape/Finish	5d	07-Feb-23	14-Feb-23	49d
B-RR-170	Paint	5d	14-Feb-23	21-Feb-23	49d
B-RR-180	Tile	5d	21-Feb-23	28-Feb-23	49d
B-RR-190	Toilet Fixtures and Accessories	5d	28-Feb-23	07-Mar-23	49d
SECTOR A		96d	10-Jan-23	24-May-23	0d
A-INT-100	Mech Rough-In - Overhead	8d	10-Jan-23	23-Jan-23	0d
A-INT-110	Elec Rough-In - Overhead	8d	12-Jan-23	25-Jan-23	0d
A-INT-120	Plumb Rough-In - Overhead	8d	12-Jan-23	25-Jan-23	0d
A-INT-130	Fire S. Rough-In - Overhead	8d	12-Jan-23	25-Jan-23	0d
A-INT-200	Mechanical Unit Start-Up	5d	25-Jan-23	01-Feb-23	41d
A-INT-140	Interior Framing	10d	25-Jan-23	08-Feb-23	0d
A-INT-370	Elect Wall Rough Ins	6d	31-Jan-23	08-Feb-23	0d
A-INT-380	Plumbing Wall Rough Ins	6d	31-Jan-23	08-Feb-23	0d
A-INT-150	Hard Ceiling Framing	5d	08-Feb-23	15-Feb-23	0d
A-INT-390	MEP Wall Cover Up Inspections	5d	08-Feb-23	15-Feb-23	0d
A-INT-190	Drywall - Hang/Tape/Finish	10d	15-Feb-23	01-Mar-23	0d
A-INT-160	Hard Ceiling Rough Ins	5d	15-Feb-23	22-Feb-23	0d
A-INT-170	Hard Ceiling Inspections	5d	22-Feb-23	01-Mar-23	0d
A-INT-220	Wall Tile	10d	01-Mar-23	15-Mar-23	28d
A-INT-230	Hard Ceiling H/T/F	5d	01-Mar-23	08-Mar-23	0d
A-INT-180	Plank Ceiling	5d	01-Mar-23	08-Mar-23	13d
A-INT-210	Prime/1st Coat	5d	08-Mar-23	15-Mar-23	0d
A-INT-240	Paint	5d	15-Mar-23	22-Mar-23	0d
A-INT-250	Flooring - Resinous	15d	15-Mar-23	05-Apr-23	8d
A-INT-260	ACT Grid	5d	22-Mar-23	29-Mar-23	0d
A-INT-400	MEFP to Grid	5d	29-Mar-23	05-Apr-23	0d
A-INT-310	Doors and Hardware	5d	31-Mar-23	07-Apr-23	26d
A-INT-410	Cover Up ACT Inspection	3d	05-Apr-23	10-Apr-23	0d
A-INT-270	Acoustical Ceiling Tile	5d	10-Apr-23	17-Apr-23	0d
A-INT-280	Millwork	5d	17-Apr-23	24-Apr-23	5d
A-INT-290	Fiberglass Reinforced Panels	5d	17-Apr-23	24-Apr-23	0d
A-INT-300	Flooring - Carpet Tile	5d	17-Apr-23	24-Apr-23	3d
A-INT-420	Caging	7d	17-Apr-23	26-Apr-23	13d
A-INT-320	Mech Trim	12d	24-Apr-23	10-May-23	0d
A-INT-340	Elec Trim	12d	27-Apr-23	15-May-23	0d
A-INT-330	Plumb Trim	12d	27-Apr-23	15-May-23	0d
A-INT-350	Fire S. Trim	10d	01-May-23	15-May-23	0d
A-INT-360	Test & Balance	10d	10-May-23	24-May-23	0d
Restrooms Sector A		50d	25-Jan-23	05-Apr-23	28d
A-RR-100	Wall Furrying/Framing	5d	25-Jan-23	01-Feb-23	28d
A-RR-110	Wall Rough Ins	5d	01-Feb-23	08-Feb-23	28d



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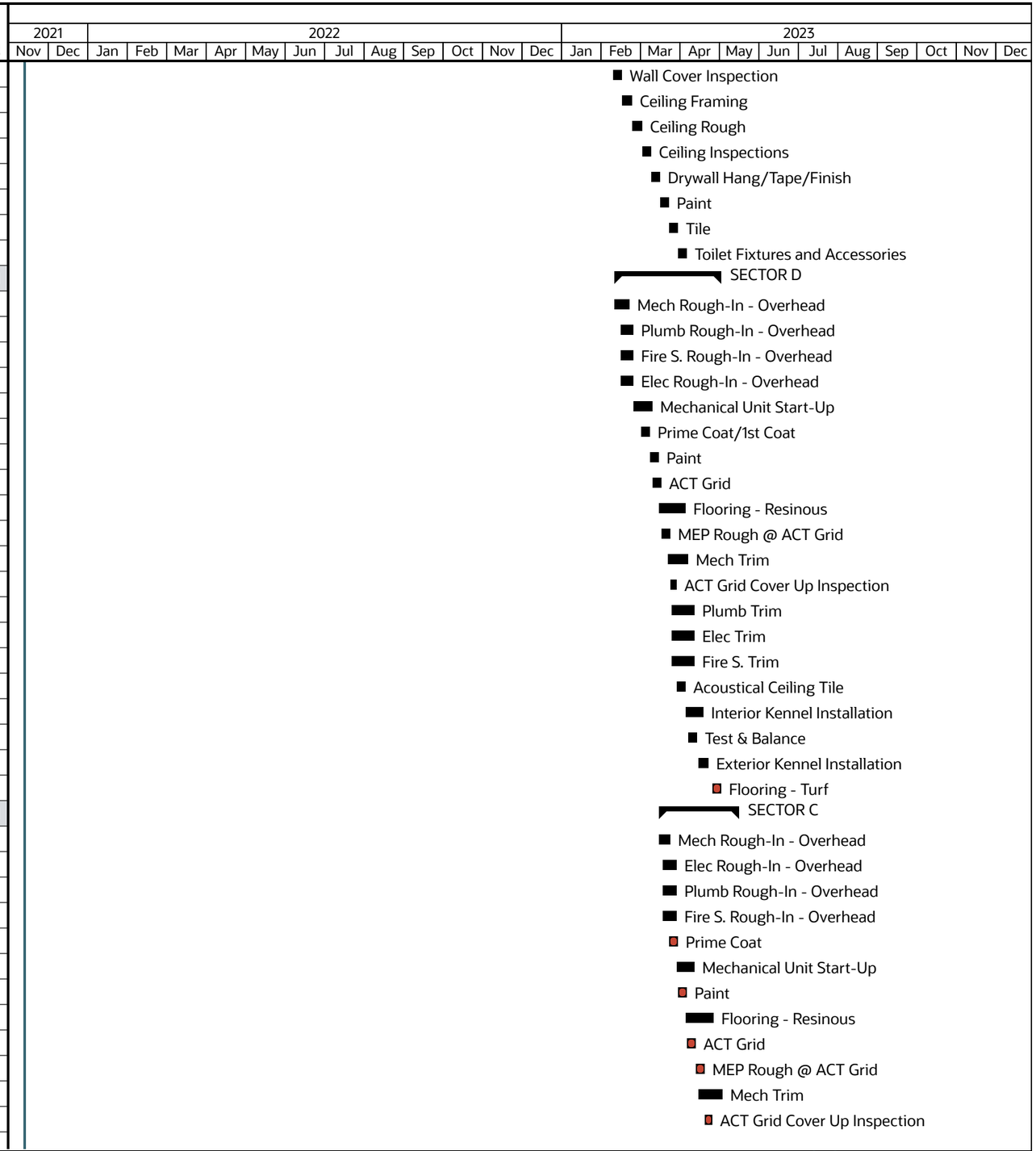
ID	Name	Planned Durat...	Start	Finish	Total Float
A-RR-120	Wall Cover Inspection	5d	08-Feb-23	15-Feb-23	28d
A-RR-130	Ceiling Framing	5d	15-Feb-23	22-Feb-23	28d
A-RR-140	Ceiling Rough	5d	22-Feb-23	01-Mar-23	28d
A-RR-150	Ceiling Inspections	5d	01-Mar-23	08-Mar-23	28d
A-RR-160	Drywall Hang/Tape/Finish	5d	08-Mar-23	15-Mar-23	28d
A-RR-170	Paint	5d	15-Mar-23	22-Mar-23	28d
A-RR-180	Tile	5d	22-Mar-23	29-Mar-23	28d
A-RR-190	Toilet Fixtures and Accessories	5d	29-Mar-23	05-Apr-23	28d
SECTOR D		57d	09-Feb-23	01-May-23	17d
D-INT-100	Mech Rough-In - Overhead	7d	09-Feb-23	20-Feb-23	14d
D-INT-120	Plumb Rough-In - Overhead	7d	14-Feb-23	23-Feb-23	14d
D-INT-130	Fire S. Rough-In - Overhead	7d	14-Feb-23	23-Feb-23	14d
D-INT-110	Elec Rough-In - Overhead	7d	14-Feb-23	23-Feb-23	32d
D-INT-140	Mechanical Unit Start-Up	10d	23-Feb-23	09-Mar-23	32d
D-INT-150	Prime Coat/1st Coat	5d	28-Feb-23	07-Mar-23	4d
D-INT-160	Paint	5d	07-Mar-23	14-Mar-23	4d
D-INT-170	ACT Grid	5d	09-Mar-23	16-Mar-23	4d
D-INT-210	Flooring - Resinous	15d	14-Mar-23	04-Apr-23	4d
D-INT-180	MEP Rough @ ACT Grid	5d	16-Mar-23	23-Mar-23	4d
D-INT-230	Mech Trim	12d	21-Mar-23	06-Apr-23	22d
D-INT-190	ACT Grid Cover Up Inspection	3d	23-Mar-23	28-Mar-23	4d
D-INT-270	Plumb Trim	12d	24-Mar-23	11-Apr-23	24d
D-INT-260	Elec Trim	12d	24-Mar-23	11-Apr-23	22d
D-INT-250	Fire S. Trim	12d	24-Mar-23	11-Apr-23	24d
D-INT-200	Acoustical Ceiling Tile	5d	28-Mar-23	04-Apr-23	4d
D-INT-280	Interior Kennel Installation	10d	04-Apr-23	18-Apr-23	9d
D-INT-290	Test & Balance	5d	06-Apr-23	13-Apr-23	29d
D-INT-220	Exterior Kennel Installation	5d	14-Apr-23	21-Apr-23	1d
D-INT-240	Flooring - Turf	5d	24-Apr-23	01-May-23	0d
SECTOR C		44d	14-Mar-23	15-May-23	7d
C-INT-100	Mech Rough-In - Overhead	7d	14-Mar-23	23-Mar-23	9d
C-INT-110	Elec Rough-In - Overhead	7d	17-Mar-23	28-Mar-23	9d
C-INT-120	Plumb Rough-In - Overhead	7d	17-Mar-23	28-Mar-23	34d
C-INT-130	Fire S. Rough-In - Overhead	7d	17-Mar-23	28-Mar-23	34d
C-INT-140	Prime Coat	5d	22-Mar-23	29-Mar-23	0d
C-INT-160	Mechanical Unit Start-Up	10d	28-Mar-23	11-Apr-23	9d
C-INT-150	Paint	5d	29-Mar-23	05-Apr-23	0d
C-INT-230	Flooring - Resinous	15d	04-Apr-23	25-Apr-23	4d
C-INT-170	ACT Grid	5d	05-Apr-23	12-Apr-23	0d
C-INT-180	MEP Rough @ ACT Grid	5d	12-Apr-23	19-Apr-23	0d
C-INT-240	Mech Trim	12d	14-Apr-23	02-May-23	4d
C-INT-190	ACT Grid Cover Up Inspection	3d	19-Apr-23	24-Apr-23	0d



Current
Progress
Critical

Milestones
Summary

DATA DATE: 12-Nov-21
CURRENT DATE: 12-Nov-21

INITIAL PREP VIEW
Fulton County Animal Services Facility
THE WINTER CONSTRUCTION COMPANY

WINTER CONSTRUCTION
good experience builders

Exhibit I

11/12/2021

ID	Name	Planned Durat...	Start	Finish	Total Float
C-INT-250	Elec Trim	12d	21-Apr-23	09-May-23	4d
C-INT-260	Plumb Trim	12d	21-Apr-23	09-May-23	4d
C-INT-270	Fire S. Trim	12d	21-Apr-23	09-May-23	4d
C-INT-210	Acoustical Ceiling Tile	5d	24-Apr-23	01-May-23	0d
C-INT-200	Exterior Kennel Installation	5d	24-Apr-23	01-May-23	5d
C-INT-220	Flooring - Turf	5d	01-May-23	08-May-23	5d
C-INT-280	Interior Kennel Installation	10d	01-May-23	15-May-23	0d
C-INT-290	Test & Balance	5d	02-May-23	09-May-23	11d
BARN CONSTRUCTION		133d	01-Aug-22	03-Feb-23	71d
SITEWORK/UTILITIES		5d	01-Aug-22	05-Aug-22	162d
BARN-100	Underground Utilities	5d	01-Aug-22	05-Aug-22	143d
STRUCTURE		44d	05-Dec-22	03-Feb-23	71d
BARN-110	Barn SOG	5d	05-Dec-22	13-Dec-22	60d
BARN-120	Pre-Fabricated Structure	20d	13-Dec-22	20-Jan-23	60d
BARN-130	MEP Install	5d	20-Jan-23	27-Jan-23	71d
BARN-140	MEP Inspections	5d	27-Jan-23	03-Feb-23	71d
CLOSEOUT		40d	15-May-23	10-Jul-23	0d
A1080	Final Inspections	7d	15-May-23	24-May-23	0d
A1090	Owner/Arch Punchlist Walk	10d	24-May-23	08-Jun-23	0d
A1940	Punchlist Work	20d	08-Jun-23	10-Jul-23	0d