

DATE: January 8, 2021

TO: All Offerors'

FROM: City of Brookhaven Purchasing Department

RE: ITB No. 21-101, Murphey Candler Park- South Trail

Please see Addendum No. 1 for the above-referenced solicitation.



1. The following change has been made to the above-referenced solicitation.

Delete: Page 1 Add: REVISED (Extended Due Date) Page 1 1/19/2021

Questions and Answers

Revised Bid Schedule

Additional/Revised Attachments

2. All other terms and conditions remain the same.

December 9, 2020

Mandatory Pre-Bid Conference Wednesday, December 16, 2020, at 2:00 p.m. EST. Onsite at Murphey Candler Park, Football Field 1551 W Nancy Creek Drive, Brookhaven, GA. 30319

BID DUE DATE and OPENING DATE: Tuesday, January 19 Thursday, January 14, 2021, at 2:30 p.m. EST. Via Zoom- Meeting ID#938 9036 7103 https://zoom.us/j/93890367103

Bids shall only be accepted online through the Bonfire Portal at: https://brookhavenga.bonfirehub.com/projects/view/35869

Any bid submitted in any other format (email, paper, fax, mail, etc.) will not be accepted.

Instructions to Bidders:

- 1. All communications regarding this solicitation must be with the Purchasing Manager, Shakera Hall, <u>shakera.hall@brookhavenga.gov</u>.
- All questions or requests for clarification must be sent via Bonfire under Message -Opportunity Q&A: <u>https://brookhavenga.bonfirehub.com/projects/view/35869</u>. Questions are due no later than **Tuesday, December 22, 2020, at 4:00 p.m. EST**. Questions received after this date and time may not be answered.
- 3. Questions and clarifications will be answered in the form of an addendum. Any addenda, schedule changes, and other important information regarding the solicitation related to this solicitation will be posted on Bonfire website at and it is the Offeror's responsibility to <u>https://brookhavenga.bonfirehub.com/projects/view/35869</u> check the Bonfire portal for any addendum or other communications related to this solicitation.
- 4. The City of Brookhaven reserves the right to reject all bids and to waive technicalities and informalities, and to make award in the best interest of the City of Brookhaven.
- 5. The City of Brookhaven is not responsible for any technical difficulties. It is highly recommended that all potential contractors submit their quotes prior to the due date of this solicitation.

- A. The following are questions received and City of Brookhaven responses for the above- referenced solicitation:
 - 1. How large of a staging area will be provided in the parking lot? Items See attached drawing C4.5C, South Trail Staging Area. The area must be fenced and secured by the contractor. Any damage to the parking lot, pavements, curb, grass, etc. must be restored at the end of the project at no cost to the City. Workers can use the lot during the day, but vehicles must be gone by 4:30 on weekdays for use by park users. The parking lot must be cleaned daily.
 - 2. Being that the only access to the trail is on the east end of the project at the parking lot, will we still be able to access the entire trail with heavy equipment being that within approx. 300' of the parking lot is the first critical root zone area that contains the root zone concrete section of the trail? Due to possible root damage and compaction occurring with tandems trucks bringing in stone and concrete trucks, the 3" of GAB above the root zone will most likely not allow enough cover and stability to support this kind of loading without causing significant root damage especially in the wetter months. With that beings said, do we need to assume we will have to utilize tracked loaders and excavators along the length of the trail to remove unsuitable and bring in stone as needed from the parking lot area. And do we need to assume pumping the entire length of the concrete trail as well due to this issue?

Attached is a route for additional access. (See Access Route #1.) Damaged concrete within the park must be removed and replaced and damaged turf must be repaired/replaced at the completion of the project. Access through the park must be cleaned daily. See allowance items added to the CIBS in question #3. Yes, if the conditions are wet, tracked loaders and excavators will be required to limit tandem truck traffic to avoid root damage to the trees. Pumping concrete will also be required if wet conditions limit concrete truck access.

3. As discussed in the pre-bid meeting regarding the Bid Alternate Bridge, how will damages resulting from the contractor's utilization of the concrete sidewalk access from the road to the bridge site be handled?

Pavement on the west side of the channel is a road and will handle the traffic, especially if reinforced with plywood. See attached Access Route #2.

The following Allowance Quantity Items have been added to the CIBS to be used as needed:

- 12.j. Removal and replacement of damaged 4" concrete sidewalk, 2,000 sf
- 17.k. Removal and replacement of damaged 6" concrete sidewalk, 2,000 sf
- 4. It was discussed in the pre-bid construction meeting that the concrete installer of the pervious concrete section of the trail has to be a "certified installer" and provide the documentation accordingly. According to the National Ready Mixed Concrete Association (NRMCA), there is no current "Approved Local Sponsoring Group" in the State of Georgia. With that being said, as long as your concrete installer has performed previous pervious concrete installations on similar projects and can provide documentation accordingly, is this acceptable? As this has been acceptable on previous projects due to the non-existents of an "Approved Local Sponsor Group" in the State of Georgia.

Yes, this is acceptable. Provide 3 references for pervious concrete installers. The references will be checked to confirm their abilities and quality of work. A separate pre-con meeting will be required for the pervious concrete installer before their work begins.

- If the access to the trail is limited to track loaders and excavators only, will a large staging area be provided in the parking lot?
 Please see question #1.
- 6. Could you also clarify the specs and plans the plans say aluminum mill finish and the specs calls for Painted, if you are going to paint it the cheapest and best option would be a steel bridge painted, it would save you about \$10,000 on the cost, if you do aluminum mill finish only would be your second best option.

The specs are correct; Powder coated brown by the manufacturer. They have a selection of 4 choices, and we chose brown. The plans are sample sheets provided by Gator. The final drawing will be Shop Drawings issued by Gator Bridge. Follow the Spec.

8.0 FINISHES

- A. Bridge shall be powder coated by the bridge manufacturer. The manufacturer shall have an AISC certified shop with Sophisticated Paint Endorsement. Color
- **B.** Color: Bridges shall be powder coated brown. Manufacturer to provide color samples through the General Contractor for client approval.

	MCP - South Trail - Construction Items Bid S	chedule					Rev. 1/4/21
#	Construction Items	DESIGN Estimate	Unit	Contractor TAKE- OFF	Unit Cost	Total \$	Details
1	Mobilization	1	job		\$ -	\$	See General Conditions
	a. Construction Staking and Layout	1	job		\$ -	\$	See C.4 series
	b. Trail Construction access / protection	1	job		\$ -	\$	See Access addendum
	c. Staging area fencing, cleanup and repair	1	job		\$ -	\$ -	See addendum #1
2	Demolition						See C3 series
	a. General site debris removal	1	job		\$ -	\$ -	See Specifications
3	Site Clearing & Tree Protection						See Sheet C3.5
	a. Tree Protection fence & maintenance	1,810	lf		\$ -	\$	See Detail 9 / C8.5A
	b. Tree Removal	4	ea.		\$ -	\$ -	See Tree Chart A
	c. Site Clearing limits 15' x 900'	13,500	sf		\$ -	\$ -	See Specifications
	d. Specimen Tree Care - arborist work	11	trs		\$ -	\$ -	See Specifications
4	Grading & Drainage						See Sheet C5.5

	a. Trail Area 1310 LF x 10' =		sf		\$	\$	See sheet C5.5
		13,100			-	-	
	b. 18" RCP		Lf		\$	\$	DOT standard
		62			-	-	
	c. Catch Basin		ea.		\$	\$	DOT standard
		1			-	-	
	d. headwall		ea.		\$	\$	DOT standard
		3			-	-	
	e. Rip Rap @ outlets - 2 locations @ 3 cy ea.		cy		\$	\$	See Sheet C7.5E
		6	- 0		_	·	
	f. Fill for storm drain work @ profile B		cy		\$	\$	See Specifications
		33	- 0		_	·	T T T T T T T T
5	Erosion control;		Job		\$	\$	See Sheet C7.5
5		1	300		φ	φ	See Sheet C7.5
	a. Construction entrance	-	ea.		\$	\$	See Sheet C7.5D
	a. Construction entrance	1	ea.		φ	φ	See Sheet C7.5D
	b. Construction entrance - maintenance	1	00		\$	- \$	See Sheet C7.5D
	D. Construction entrance - maintenance	1	ea.		Φ	φ	See Sheet C7.5D
	c. Silt Fence	1	lf		\$	- \$	See Sheet C7.5D
	c. Sht Fence	1,460	11		Φ	Φ	See Sheet C7.5D
	d. Silt Fence - maintenance	1,400	lf		- •	- ¢	See Sheet C7.5D
	d. Siit Fence - maintenance	1 460	п		\$	\$	See Sheet C7.5D
		1,460			-	-	
-			10				
6	Trail Bridge #1 -Gator Bridge & delivery		lf		\$	\$	Gator - Shop Drawings
		15			-	-	
	a. Placement and Erection of bridge		Job		\$	\$	See Specifications
		1			-	-	
	b. Concrete Abutment		ea.		\$	\$	See Sheet C8.5C1
		2			-	-	
	c. Wing wall 2 ea. at 20'		lf		\$	\$	See Detail 4 C8.5C1
		40			-	-	
	d. Helical piers - 4 vertical @ 40 lf each	See 12g	lf	Х	X	X	See Detail 4 C8.5C1
	e. Helical piers - 2 diagonal @ 40 lf ea.	See 12h	lf	X			See Detail 4 C8.5C1

	f. Bridge Deck, Wood 15' x 10' wide		sf	\$	\$	See Specifications
		150		-	-	
	g. Foundation Design		Job	\$	\$	See soils report
		1		-	-	
	h. Shop Drawings		Job	\$	\$	See Specifications
		1		-	-	
	i. Brookhaven Building Permit Pickup		Job	\$	\$	See Specifications
		1		-	-	
7	Concrete Trail;					
	a. Regular concrete Trail 1190 LF x 10' (6'')		sf	\$	\$	See Detail 1/C8.5A
		11,900		-	↓	
	b. Pervious concrete Trail 120 LF x 10' (6'')		sf	\$	\$	See Detail 4/C8.5A
		1,400		-	-	
	c. Trail & Gravel over root zone		sf	\$	\$	See Detail 3/C8.5A
		3,355		-	-	
	d. 4" concrete sidewalk		sf	\$	\$	See Detail 8/C8.5A
		720		-	-	
8	Site Furniture;					None included
	a. None					
9	Site Signage;					
/	a. Signs on each end of bridge			¢	\$	See Detail 5/C8.5A
	a. Signs on each end of bridge	2	ea.	\$	Φ	See Detail 5/Co.5A
	b. 3 Bollards on each end of bridge	4		- \$	\$	Client to provide detail
	b. 5 Bonarus on each end of bridge	6	ea.	Φ	Φ	Cheft to provide detail
		0				
10	Final Clean Up and Grading		sf	\$	\$	See Specifications
10	That Oran Op and Oraung	10,000	SI .	Ψ	Ψ	bee opermeations
	a. Delivery route grass repair & replace	10,000	job	\$	\$	See addendum #1
	a Denvery route grass repair & replace	1	J00	Ψ -	Ψ	

11	Additional Items by Contractor						See Bidding
							Instructions
	а.				\$	\$	
	b.				\$	\$	
	c.				- \$	- \$	
					-	-	
12	Allowance Unit Price items						
	a. Rock excavation	40	cy	40	\$	\$	See Specifications
	b. Rock trench excavation	20	cy	20	\$	\$	See Sheet C8.5C1
	c. Unsatisfactory soil removal and:	X	X	X	X	X	X
	d. replace with satisfactory soil	200	cy	200	\$	\$	See Detail 4 C8.5C1
	e. replace w GAB or #57 Stone	250	су	250	\$ -	\$	See Detail 4 C8.5C1
	f. replace w surge stone	250	cy	250	\$	\$	See Specifications
	g. Vertical helical pier	200	lf	200	\$	\$	Includes item 6d
	h. Diagonal helical pier	100	lf	100	\$	\$	includes item 6e
	i. Additional Silt fence	200	lf	200	\$ -	\$	See Specifications
	j. Remove & Replace damaged 4'' concrete	2,000	sf	2000	\$	\$	See addendum #1
	k. Remove & Replace damaged 6" concrete	2,000	sf	2000	\$ -	\$ -	See addendum #1
	Sub - Total					\$	

	General Conditions, fee, overhead,		%		\$	\$	
	TOTAL					\$	- LUMP SUM BID
	BID ALTERNATE ITEMS;	Design	Unit	Contractor	Unit \$	Total \$	Sheet C8.5B2
13	Bridge # 2 -Gator Bridge & delivery	30	lf		\$	\$	Gator- Shop Drawings
	a. Site Work and preparation	1	Job		\$ -	\$	See Specifications
	b. Placement and Erection of bridge	1	Job		\$	\$	See Sheet C8.5B1 & C1
	c. Concrete Abutment	2	ea.		\$	\$	See Sheet C8.5C1
	d. Wing wall 2 ea. at 20'	40	LF		\$	\$	See Details 1 & 5/ C8.5C1
	e. Regular 4'' concrete sidewalk	680	sf		\$	\$	See Detail 8/C8.5A
	f. Sign on each end of bridge	2	ea.		\$	\$	See Detail 5/C8.5A
	g. 3 Bollards on each end of bridge	6	ea.		\$	\$	Client TO provide detail
	h. Helical piers - 4 vertical @ 40 lf	See n	lf	X	X	X	See Detail 4 C8.5C1
	i. Helical piers - 2 diagonal @ 40 lf	See o	lf	X	Х	X	See Detail 4 C8.5C1
	j. Wood Deck 10' x 30	300	sf		\$ -	\$	See Specifications
	k. Foundation Design	1	Job		\$ -	\$	See soil report
	l. Shop Drawings	1	Job		\$ -	\$	See Specifications
	m. Brookhaven Building Permit	-	X	X			Included in Item 6i
	n. Access route protection for bridge	1	Job	1	\$	\$	see addendum #1

o. Allowance unit price item: vertical helical		lf	200	\$	\$	Item h included		
pier	200			-	-			
p. Allowance unit price item: diagonal helical		lf	100	\$	\$	Item I included		
pier	100			-	-			
Subtotal					\$	-		
General Conditions, Fee, Overhead		%			\$			
Alternate Costs Addition					\$	- Total Alternate		
NOTE: Quantities and formulas are given only	as a conve	nience to	o the contra	ctor to help e	xplain the project.			
The Owner/Landscape Architect assumes no lia verification.	bility for t	he quan	tities and in	structs the co	ntractor to take th	eir own quantities as		
The contractor must bid the project to complete what is shown on the Construction Drawings.								
Drawings take precedent over the Bid List quar	ntities.							
Denotes item added as part of the first Addendu			1	1				

Additional/Revised Attachments

- Spec for required Bollard (see attached Bollard Detail)
- Revised Storm B (see attached Profile B)
- Revised Construction Items, Drawing C2.5 (see attached Construction Items Sheet Revise)
- Revised drawings Cover Sheet, Drawing C0.5 (see attached Cover Sheet)
- Pre-Bid Meeting Notes







SKU: 123456-1-1-1 CATEGORY: COLLAPSIBLE BOLLARDS TAG: BOLLARDS

https://www.bollardshop.com/product/collapsible-bollard/



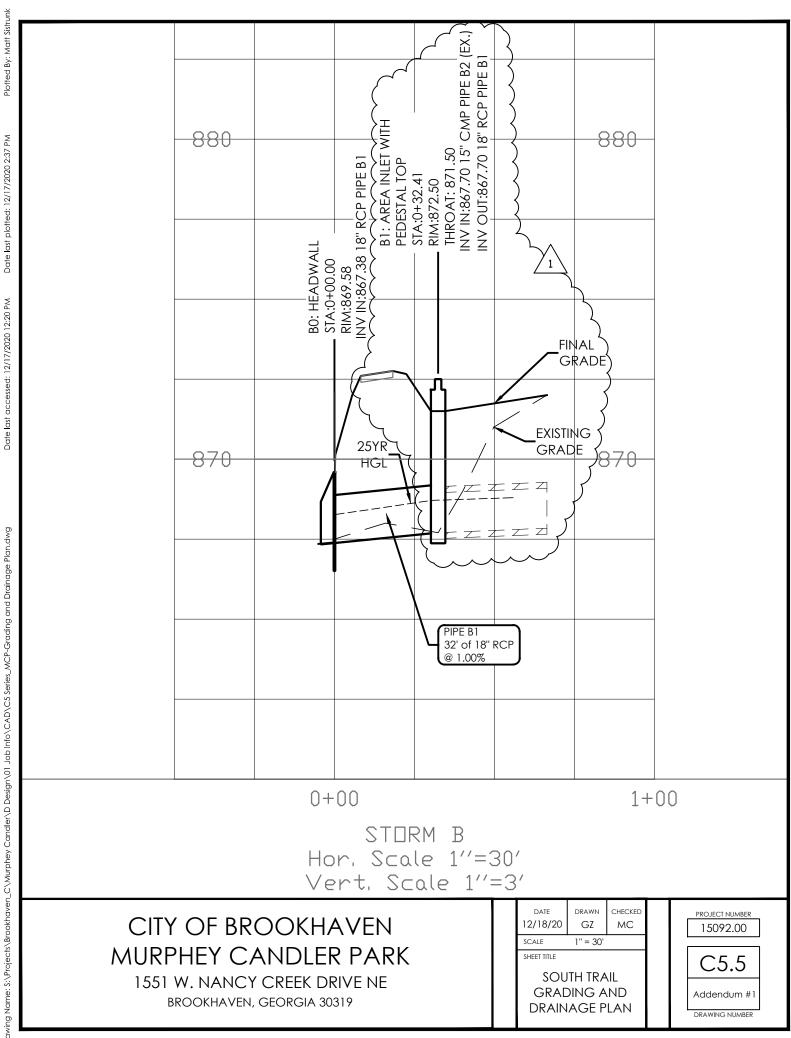
CITY OF BROOKHAVEN MURPHEY CANDLER PARK 1551 W. NANCY CREEK DRIVE NE BROOKHAVEN, GEORGIA 30319

date 12/18/20	drawn GZ	CHECKED MC	
SCALE			
SHEET TITLE			
SOU			
SITE			

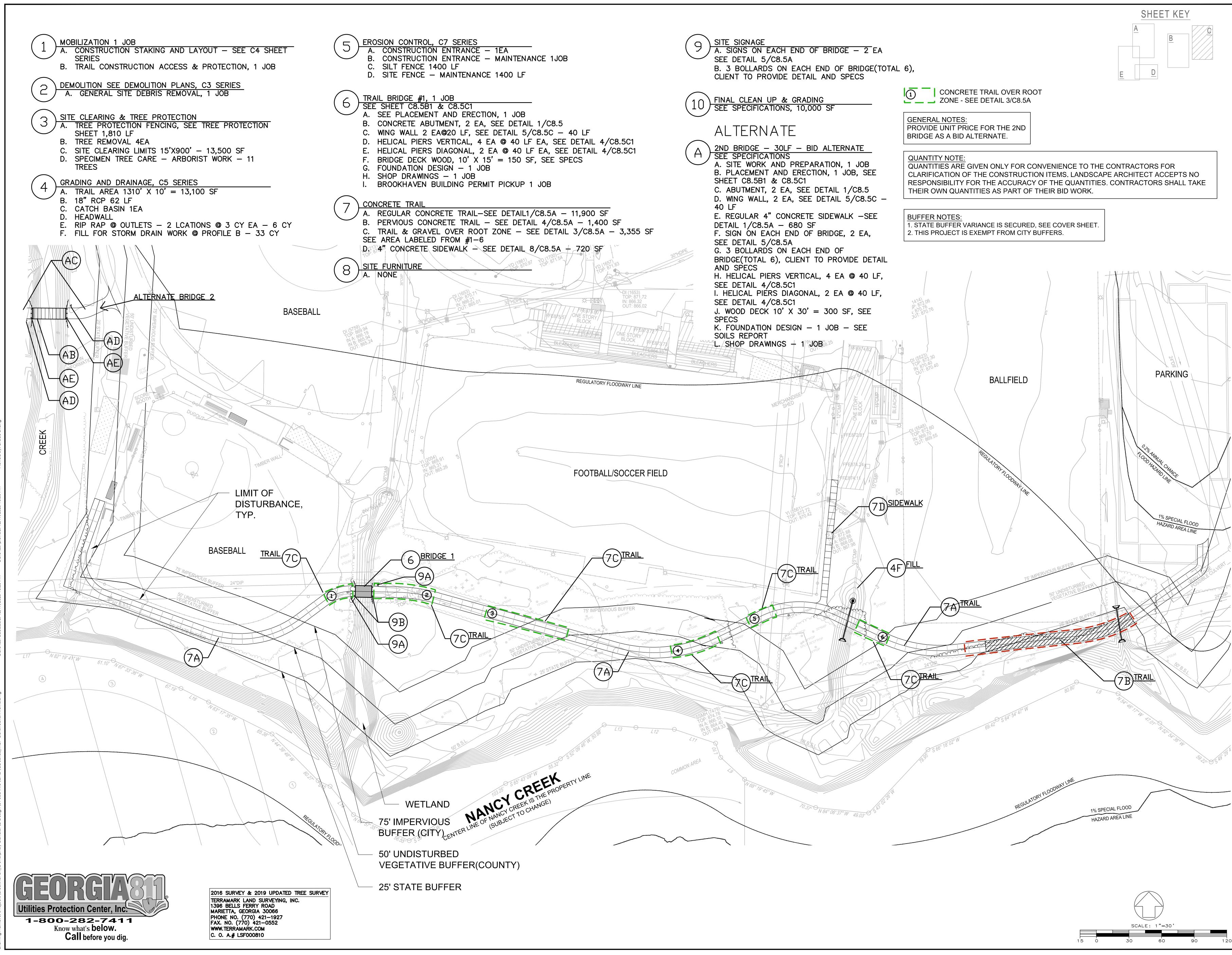
PROJECT NUMBER	
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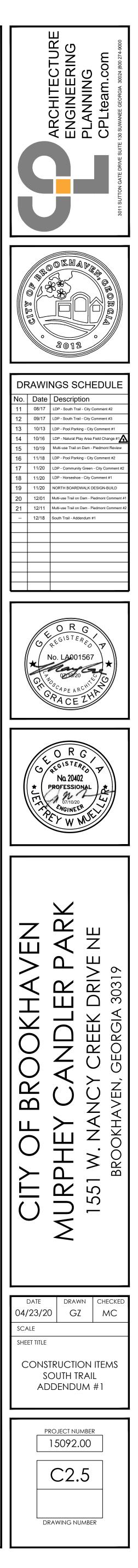
C8.5D2

DRAWING NUMBER



Drawing Name: S:/Projects/Brookhaven_C/Murphey Candler/D Design/01 Job Info/CAD/C5 Series_MCP-Grading and Drainage Plan.dwg





GENERAL NOTES: THE EXISTING CONDITIONS SURVEY WAS PREPARED BY TRAVIS PRUITT & ASSOCIATES. ALL CONSTRUCTION SHALL CONFORM TO THE CURRENT STANDARDS AND SPECIFICATIONS FOR ALL APPROPRIATE JURISDICTIONS. ALL CONSTRUCTION OF UTILITIES TO BE SCHEDULED AND APPROVED BY THE OWNER PRIOR TO ANY DISRUPTION OF SERVICES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EROSION AND SEDIMENT CONTROL AND ALL REASONABLE MEASURES SHALL BE TAKEN TO PROTECT DOWNSTREAM AND OFF-SITE LAND FROM EROSION AND SEDIMENT DAMAGE DUE TO GRADING OPERATIONS APPROVED EROSION AND SEDIMENT CONTROL MEASURES SHALI BE INSTALLED PRIOR TO ANY CLEARING, GRADING OR OTHER LAND DISTURBANCE ACTIVITY AND SHALL BE MAINTAINED IN ACCORDANCE TO CURRENT EDITION OF THE MANUAL OF EROSION AND SEDIMENT CONTROL IN GEORGIA. WHERE NECESSARY, THE CONTRACTOR SHALL PROVIDE SHORING OR OTHER APPROVED METHOD IN ORDER TO MAKE THE WORK AREA STABLE AND SAFE. ALL WORK PERFORMED BY THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL SAFETY REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN ACCESS FOR ALL EMERGENCY VEHICLES AT ALL TIMES. TOPS OF ALL EXISTING STRUCTURES THAT ARE TO REMAIN WITHIN THE AREA REQUIRING RE-GRADING SHALL BE RAISED OR LOWERED AS REQUIRED TO MEET NEW GRADES. PRIOR TO ANY ADJUSTMENT THE CONTRACTOR IS TO COORDINATE SUCH WORK WITH THE OWNER. 10. ALL SURFACE AREAS TO HAVE POSITIVE DRAINAGE AT THE CONCLUSION OF THE CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION WORK. MATERIALS SHALL BE REMOVED FROM THE SITE AS SOON AS POSSIBLE AND SHALL NOT BE ALLOWED TO ACCUMULATE. CONTRACTOR SHALL BE RESPONSIBLE FOR HAULING OFF AND DISPOSING OF ANY DEBRIS TO AN APPROVED STATE LICENSED FACILITY. 12. GRADE TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND INTO STORM STRUCTURES. 13. CONTRACTOR TO MAINTAIN ALL STORM DRAINAGE STRUCTURES DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR IS TO VERIFY ALL LOCATIONS AND/OR TYPES OF UTILITIES NEAR THE PROJECT LIMITS BEFORE CONSTRUCTION BEGINS. ANY DAMAGE CAUSED BY THE CONTRACTOR'S PERSONNEL OR EQUIPMENT TO EXISTING UTILITIES SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR TO OWNERS SPECIFICATIONS. SUCH DAMAGE SHALL BE THE CONTRACTORS EXPENSE TO PAY FOR ALL MATERIALS, LABOR AND NECESSARY PERMITS. 15. CONTRACTOR SHALL ACQUIRE ALL PERMITS NECESSARY FOR THE CONSTRUCTION OF THIS PROJECT. 16. A SEPARATE BUILDING PERMIT SHALL BE OBTAINED FOR ALL RETAINING WALLS GREATER THAN 4 FEET IN HEIGHT AND ALL RETAINING WALLS USED AS A DAM PRIOR TO CONSTRUCTION OF THE WALLS. 17. LAND DISTURBANCE TO BE LIMITED TO THOSE AREAS NEEDED FOR PROPOSED WORK. 18. ALL BUFFERS AND TREE SAVE AREAS SHALL BE CLEARLY IDENTIFIED WITH FLAGGING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE. 19. NOTIFY THE CITY OF BROOKHAVEN INSPECTOR 24 HOURS BEFORE BEGINNING OF EVERY PHASE OF CONSTRUCTION. APPROVAL OF THESE PLANS DOES NOT CONSTITUTE APPROVAL BY 20. CITY OF BROOKHAVEN FOR ANY LAND DISTURBING ACTIVITIES WITHIN WETLAND AREAS. IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO CONTACT THE APPROPRIATE REGULATORY AGENCY FOR APPROVAL OF ANY WETLAND AREA DISTURBANCE. WETLAND CERTIFICATION: THE DESIGN PROFESSIONAL, WHOSE SEAL APPEARS HEREON, CERTIFIES THE FOLLOWING:

a. THE NATIONAL WETLAND INVENTORY DO NOT INDICATE SENSITIVE AREAS WITHIN THE PROJECT AREA. A LETTER OF "NO PERMIT NEEDED" HAS BEEN ISSUED BY THE ARMY CORPS OF ENGINEERS FOR THIS PROJECT.

AREA TABLE

3,630,024 SQ.FT. OR 83.3339 AC. T**RAC**T 1 T**RAC**T 2 1,602,679 SQ.FT. OR 36.7924 AC

TOTAL AREA 5,232,703 SQ.FT. OR 120.1263 AC.

OWNER/PRIMARY PERMITEE:

CONTACT: CHRISTIAN SIGMAN, CITY MANAGER CITY OF BROOKHAVEN 4362 PEACHTREE ROAD NE **BROOKHAVEN, GEORGIA 30319**

PHONE: (404) 637-0513 CHRISTIAN.SIGMAN@BROOKHAVENGA.GOV

24-HOUR CONTACT:

CONTACT: LEE CROY, PARKS PROGRAM MANAGER CITY OF BROOKHAVEN PHONE: 678 576 9846

EMAIL:LEE.CROY@BROOKHAVENGA.GOV

LEAD DESIGN PROFESSIONAL:

CONTACT: GE GRACE ZHANG, RLA CLARK PATTERSON LEE 3011 SUTTON GATE DRIVE, SUITE 130 SUWANEE, GEORGIA 30024

OFFICE: (770) 831-9000 EMAIL: GZHANG@CPLTEAM.COM



Mr. Mark Cain Clark Patterson Lee (CPL) Page 2 2) The amount of land cleared during construction must be kept to a minimum; 3) All disturbed areas must be seeded, fertilized and mulched as soon as the final grade is achieved. Also, these disturbed areas must be protected until permanent vegetation is established: 4) A double row of Georgia DOT type "C" silt fence or an approved high performance silt fence must be installed between the land disturbing activities and State waters where appropriate; 5) Buffer variance conditions must be incorporated into any Land Disturbing Activity Permit issued by the City of Brookhaven for this project; 6) This project must be conducted in strict adherence to the approved erosion and sedimentation control plan and any Land Disturbing Activity Permit issued by the City of Brookhaven; and 7) In accordance with the EPD Buffer Mitigation Guidance document, the City of Brookhaven will purchase 268 stream mitigation credits from an approved mitigation bank located within the primary service area of the proposed project. Stream mitigation credits must be purchased at least 14 days prior to any land disturbance on site and the sale receipts verifying the transactions must be forwarded to the EPD by return receipt certified mail or similar service. The granting of this approval does not relieve you of any obligation or responsibility for complying with the provisions of any other law or regulations of any federal, local or additional State authority, nor does it obligate any of the aforementioned to bermit this project if they do not concur with its concept of development/control. As a delegated "Issuing Authority," the City of Brookhaven is expected to ensure that the stream buffer variance requirements are met for this project and is empowered to be more restrictive in this regard. If you have questions concerning this letter, please contact Frank M. Carubba, Erosion and Sedimentation Control Unit, NonPoint Source Program, at (404) 651-8550. RED:fm cc: John Arthur Ernst, Jr., Mayor, City of Brookhaven Jim Hakala, Wildlife Resources Division, Region 1 Fisheries Management Törren Hoyord, CE, WPIT, Corblu Ecology Group, LLC Ben Ruzowicz, Georgia Soil and Water Conservation Commission Christian Sigman, City Manager, City of Brookhaven Mick Smith, EPD Mountain District - Atlanta Richard W. Whiteside, PhD, CWB, CSE, Corblu Ecology File: BV-044-20-06 GEORGIA DEPARTMENT OF NATURAL RESOURCES ENVIRONMENTAL PROTECTION DIVISION 404-656-4713 JUN 1 6 2020 Mr. Mark Cain Clark Patterson Lee (CPL) 3011 Sutton Gate Drive, Suite 130 Suwannee, GA 30024 RE: Request for Variance under Provisions O.C.G.A. 12-7-6(b)(15) City of Brookhaven – Murphey Candler Park – South Trail (1551 West Nancy Creek Drive NE, Brookhaven, GA 30319) Brookhaven, DeKalb County File: BV-044-20-06

Dear Mr. Cain:

The Georgia Environmental Protection Division's Watershed Protection Branch has reviewed your stream buffer variance application for the subject project. The review was conducted to consider the potential impacts of the proposed project's encroachment on State waters within the context of the Georgia Erosion and Sedimentation Act. This review, and the variance granted herein, is limited to only the request(s) in the stream buffer variance application for permission to conduct land-disturbing activities within 25-foot areas located immediately adjacent to the banks of State waters where vegetation has been wrested by normal stream flow or wave action. To the extent there is a request in the buffer variance application to conduct land-disturbing activities within 25-foot areas located immediately adjacent to State waters where there is no vegetation that has been wrested by normal stream flow or wave action, such request has not been considered, and is not included as a part of the variance granted herein.

Pursuant to DNR Rule 391-3-7-.05(2)(f), authorization is hereby granted to encroach within the 25-foot buffer adjacent to State waters as delineated in your application dated April 1, 2020 and the revised Erosion, Sedimentation and Pollution Control Plans dated May 8, 2020. Buffer impacts authorized by this variance must be completed within five years of the date of this approval letter. If the approved buffer impacts cannot be completed prior to the expiration date, a time extension must be requested in writing at least 90 calendar days prior to the expiration date with justifiable cause demonstrated.

- Authorization for the above referenced project is subject to the following conditions: 1) All graded slopes 3:1 or greater must be hydroseeded and covered with Georgia DOT approved
- wood fiber matting or coconut fiber matting. If not hydroseeded, Georgia DOT approved matting that has been incorporated with seed and fertilizer must be used. All slopes must be properly protected until a permanent vegetative stand is established;

25' STATE BUFFER VARIANCE APPROVAL LETTER

SITE DATA:

PARCEL: 1833101005 OWNER: CITY OF BROOKHAVEN ADDRESS: 1551 WEST NANCY CREEK DRIVE ACREAGE: 120.1263 ACRES ZONING: R-100

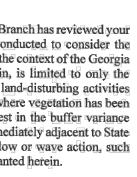
TRACT 2 TOTAL AREA: 36.79 AC TOTAL DISTURBED AREA: .0.57 AC

2016 SURVEY & 2019 UPDATED TREE SURVEY TERRAMARK LAND SURVEYING. INC. 1396 BELLS FERRY ROAD MARIETTA, GEORGIA 30066 PHONE NO. (770) 421-1927 FAX. NO. (770) 421–0552 WWW.TERRAMARK.COM C. O. A.# LSF000810

CITY OF BROOKHAVEN MURPHY CANDLER PARK SOUTH TRAIL DEKALB COUNTY, GEORGIA

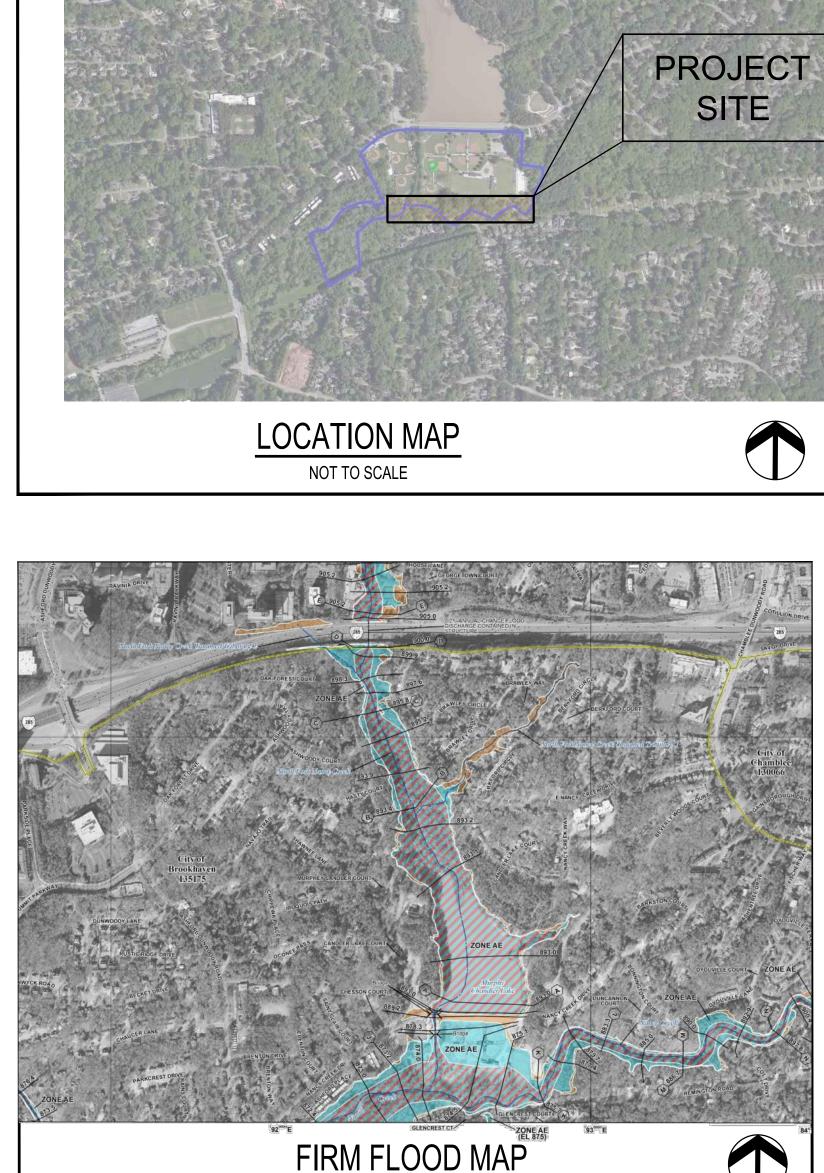












NOT TO SCALE

ACCORDING TO THE "FIRM" (FLOOD INSURANCE RATE MAP) OF DEKALB COUNTY. GEORGIA (PANEL NUMBER 13089C0012K), DATED AUGUST 15, 2019; A PORTION OF THIS PROPERTY LIES WITHIN A SPECIAL FLOOD HAZARD AREA.

25' BUFFER VARIANCE NOTES:

FLOOD NOTE

A GEORGIA EPD APPLICATION FOR A

25-FOOT VEGETATIVE BUFFER ENCROACHMENT HAS BEEN SUBMITTED FOR THIS PROJECT AND ANY CONDITIONS ARE PENDING UNTIL APPROVAL HAS BEEN GRANTED.

GSWCC GEORGIA SOIL AND WATER CONSERVATION COMMISSION

Jeffrey W Mueller Level II Certified Design Professional CERTIFICATION NUMBER 0000015136

ISSUED: 08/18/2018 EXPIRES: 08/18/2021

CONTOURS ARE SHOWN AT ONE FOOT INTERVALS. ELEVATIONS ARE BASED ON RTK GLOBAL POSITIONING SYSTEMS OBSERVATION AND ARE RELATIVE TO NAVD 88 DATUM

DISCLAIMERS: INFORMATION REGARDING SIZE, LOCATION, AND SPECIES OF EXISTING TREES IS SHOWN HEREON. THERE IS NO CERTAINTY OF THE SIZE AND SPECIES OF THE SAID TREES WITHOUT VERIFICATION FROM THE DESIGNATED ARBORIST BY THE LOCAL REGULATORY AUTHORITY. THE OWNER, HIS EMPLOYEES, HIS CONSULTANTS, HIS CONTRACTORS, AND/OR HIS AGENTS SHALL HEREBY DISTINCTLY UNDERSTAND THAT THE SURVEYOR IS NOT RESPONSIBLE FOR THE CORRECTNESS OR SUFFICIENCY OF THIS INFORMATION SHOWN HEREON EXCEPT BY APPROVAL OF SAID AUTHORITY.

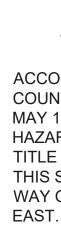
THIS SURVEY MAY NOT REPRESENT OFFSITE PAINT STRIPING TO THE ACCURACY REQUIRED FOR LANE DESIGN. TERRAMARK LOCATES THE EDGE OF PAVING AND CRITICAL POINTS TO REFLECT ACCURATE TOPOGRAPHIC DATA ONLY. ACCURACY OF PAINT LOCATIONS SHOULD BE VERIFIED WITH SURVEYOR PRIOR TO USING THIS SURVEY FOR DESIGN.

INFORMATION REGARDING THE REPUTED PRESENCE, SIZE, CHARACTER, AND LOCATION OF EXISTING UNDERGROUND UTILITIES AND STRUCTURES IS SHOWN HEREON. THERE IS NO CERTAINTY TO THE ACCURACY OF THIS INFORMATION AND IT SHALL BE CONSIDERED IN THAT LIGHT BY THOSE USING THIS DRAWING. THE LOCATION AND ARRANGEMENT OF UNDERGROUND UTILITIES AND STRUCTURES SHOWN HEREON MAY BE INACCURATE AND UTILITIES AND STRUCTURES NOT SHOWN MAY BE ENCOUNTERED. THE OWNER, HIS EMPLOYEES, HIS CONSULTANTS, HIS CONTRACTORS, AND/OR HIS AGENTS SHALL HEREBY DISTINCTLY UNDERSTAND THAT THE SURVEYOR IS NOT RESPONSIBLE FOR THE CORRECTNESS OR SUFFICIENCY OF THIS INFORMATION SHOWN HEREON AS TO SUCH UNDERGROUND INFORMATION.

INFORMATION REGARDING STORM SEWER AND SANITARY SEWER AS SHOWN HEREON, IS BASED ON OBSERVATIONS TAKEN BY TERRAMARK EMPLOYEES AT THE GROUND ELEVATION OF THE EXISTING STRUCTURE. TERRAMARK EMPLOYEES ARE NOT AUTHORIZED TO ENTER A CONFINED SPACE SUCH AS A STRUCTURE. THEREFORE, THERE IS NO CERTAINTY OF THE PIPE SIZES AND PIPE MATERIAL THAT ARE SHOWN ON THIS SURVEY. EXCAVATION BY A CERTIFIED CONTRACTOR IS THE ONLY WAY TO VERIFY PIPE SIZE AND MATERIAL. THE OWNER, HIS EMPLOYEES, HIS CONSULTANTS, HIS CONTRACTORS, AND/OR HIS AGENTS SHALL HEREBY DISTINCTLY UNDERSTAND THAT THE SURVEYOR IS NOT RESPONSIBLE FOR THE CORRECTNESS OR SUFFICIENCY OF THE PIPE INFORMATION SHOWN HEREON.

STATE WATERS AND BUFFERS AS SHOWN OR NOT SHOWN HEREON ARE SUBJECT TO REVIEW BY LOCAL JURISDICTION OFFICIALS. IT IS THE RESPONSIBILITY OF THE LOCAL AUTHORITY TO DETERMINE SPECIFIC WATER CLASSIFICATION. THEREFORE TERRAMARK LAND SURVEYING ACCEPTS NO RESPONSIBILITY IN THE IDENTIFICATION OF SAID WATERS OR BUFFERS IDENTIFIED OR NOT IDENTIFIED HEREON.

AREA.



SURVEY NOTES

EQUIPMENT USED: A TRIMBLE "S" SERIES TOTAL STATION WAS USED TO OBTAIN ANGULAR MEASUREMENTS AND DISTANCE MEASUREMENTS.

A TRIMBLE R-10 DUAL FREQUENCY GPS UNIT WAS USED FOR ESTABLISHING CONTROL. A NETWORK ADJUSTED RTK SURVEY WAS PERFORMED AND ADJUSTED BY RELATIVE POSITIONAL ACCURACY.

CLOSURE STATEMENT: TRACT 1 HAS BEEN CALCULATED FOR CLOSURE AND IS ACCURATE WITHIN ONE FOOT IN 697,879 FEET.

TRACT 2 HAS BEEN CALCULATED FOR CLOSURE AND IS ACCURATE WITHIN ONE FOOT IN 239,751 FEET.

THE FIELD DATA UPON WHICH THIS SURVEY IS BASED HAD A CLOSURE OF ONE FOOT IN 31,741 FEET AND AN ANGULAR ERROR OF 1" PER ANGLE POINT AND WAS ADJUSTED USING THE COMPASS RULE.

THE BEARINGS SHOWN ON THIS SURVEY ARE COMPUTED ANGLES BASED ON A GRID BEARING BASE (GA WEST ZONE) NAD83.

ALL HORIZONTAL DISTANCES SHOWN ARE GROUND DISTANCES. MEASURING UNITS OF THIS SURVEY ARE IN U.S. SURVEY FEET.

FIELD WORK FOR THIS PROPERTY WAS COMPLETED ON AUGUST 17, 2016

PROPERTY IS SUBJECT TO RIGHTS OF UPPER AND LOWER RIPARIAN OWNERS IN AND TO THE WATER OF CREEKS AND BRANCHES CROSSING OR ADJOINING SUBJECT PROPERTY AND THE NATURAL FLOW THEREOF, FREE FROM DIMINUTION OR POLLUTION.

THIS SURVEY WAS PREPARED FOR THE EXCLUSIVE USE OF THE PERSON, PERSONS OF ENTITY NAMED HEREON. THIS SURVEY DOES NOT EXTEND TO ANY UNNAMED PERSON. PERSONS OR ENTITY WITHOUT THE EXPRESS CERTIFICATION BY THE SURVEYOR NAMING SAID PERSON, PERSONS OR ENTITY.

TERRAMARK LAND SURVEYING, INC. DOES NOT WARRANT THE EXISTENCE OR NON -EXISTENCE OF ANY WETLANDS OR HAZARDOUS WASTE IN THE SURVEY

TITLE NOTES

ACCORDING TO THE "FIRM" (FLOOD INSURANCE RATE MAP) OF DEKALB COUNTY, GEORGIA (PANEL NUMBERS 13089C0012J & 13089C0014J), DATED MAY 16, 2013; A PORTION OF THIS PROPERTY LIES WITHIN A SPECIAL FLOOD HAZARD AREA. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT, WHICH COULD REVEAL ENCUMBRANCES NOT SHOWN ON THIS SURVEY. SUBJECT PROPERTY HAS ACCESS TO THE PUBLIC RIGHT OF WAY OF WEST NANCY CREEK DRIVE, CANDLER LAKE WEST & CANDLER LAKE

	SHEET INDEX
SHEET	SHEET TITLE
C0.5	COVER SHEET
C0.5A	KEY SHEET
C1.5	EXISTING CONDITIONS
C2.5	CONSTRUCTION ITEMS
C3.5	DEMO AND TREE PROTECTION PLAN
C4.5A	LAYOUT PLAN
C4.5B	STAKING PLAN
C5.5	GRADING PLAN
C7.5A	ESCP NOTES I SOUTH TRAIL
C7.5B	ESCP NOTES II SOUTH TRAIL
C7.5C	EROSION AND SEDIMENT CONTROL PLAN SOUTH TRAIL
C7.5D	EROSION CONTROL DETAILS I
C7.5E	EROSION CONTROL DETAILS II
C7.5F	EROSION CONTROL DETAILS III
C8.5A	SITE DETAILS
C8.5B1	SITE DETAILS - BRIDGE
C8.5B2	SITE DETAILS - BRIDGE
C8.5C1	SITE DETAILS - BRIDGE
C8.5C2	SITE DETAILS - BRIDGE
C8.5D	SITE DETAILS - BRIDGE STRUCTURAL GENERAL NOTE

REFERENCE MATERIAL

- PLAT FOR CANDLER LAKE ESTATES, UNIT ONE RECORDED IN PB. 45 PG. 14 AMONG THE LAND RECORDS OF DEKALB COUNTY
- 2. PLAT FOR ASHWOODY SUBDIVISION RECORDED IN PB. 45 PG. 35 AFORESAID RECORDS
- 3. PLAT FOR CANDLER LAKE VIEW SUBDIVISION RECORDED IN PB. 58 PG. 161 AFORESAID RECORDS
- 4. FINAL PLAT FOR ASHFORD GLEN, UNIT 4 RECORDED IN PB. 84 PG. 29 AFORESAID RECORDS
- . PLAT FOR FOX GLEN SUBDIVISION RECORDED IN PB. 46 PG. 87 AFORESAID RECORDS
- 5. CONDOMINIUM PLAT FOR ASHFORD LAKE CONDOMINIUM ASSOCIATION RECORDED IN PB. 6 PG. 9 AFORESAID RECORDS
- . DEED FOR ASHFORD PLACE CONDOMINIUM ASSOCIATION RECORDED IN DB. 3529 PG. 379 AFORESAID RECORDS

UTILITY PROVIDERS

ATLANTA GAS LIGHT COMPANY AGL 10 PEACHTREE STREET NE ATLANTA, GA 30309 MARTIN MAREK (404) 584-4126 POWER

GEORGIA POWER COMPANY 823 JEFFERSON STREET ATLANTA, GA 30318 (404) 506-4569 ÌKE ĆOLLINS

WATER DEKALB COUNTY WATER AND SEWER DEPARTMENT 1580 ROADHAVEN DR. STONE MOUNTAIN, GA. 30083 770) 612-7222

ĴEFÉ WOODS (770) 724-1490 JDWOODS@DEKALBCOUNTYGA.GOV

COMMUNICATION AT&T 208 S. AKARD ST.

DALLAS, TX 75202 (210) 821-4105 **ÀNGELO HINES** (770) 784-3972

COMCAST (770) 559-6879 SANDRA ANDREWS LEVEL 3 COMMUNICATIONS, INC

1025 ELDORADO BOULEVARD BROOMFIELD, CO 80021 (877) 366-8344 EXT. 3 VERIZON / MCI

2400 N GLENVILLE RICHARDSON, TX 75082 (478) 471-1042 DENNIS RAINEY

CENTURYLINK 100 CENTURYLINK DRIVE MONROE, LA 71203 (888) 723-8010

ZAYO FIBER SOLUTIONS 400 CENTENNIAL PKWY, SUITE 200 LOUSVILL, CO 80027 (678) 666-2493 NIC FLORES

UTILITY NOTES

THE UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON LOCATION OF MARKINGS PROVIDED BY:

UTILISURVEY, LLC 154 GRANT ROAD

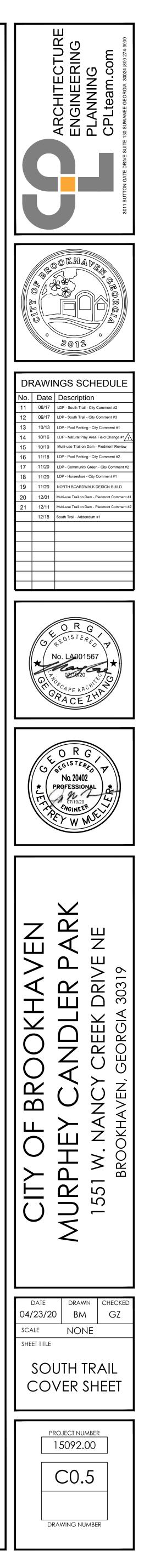
FAYETTEVILLE, GA. 30215 PHONE: 404-312-6912 ATTENTION: HANS WONNEBERGER

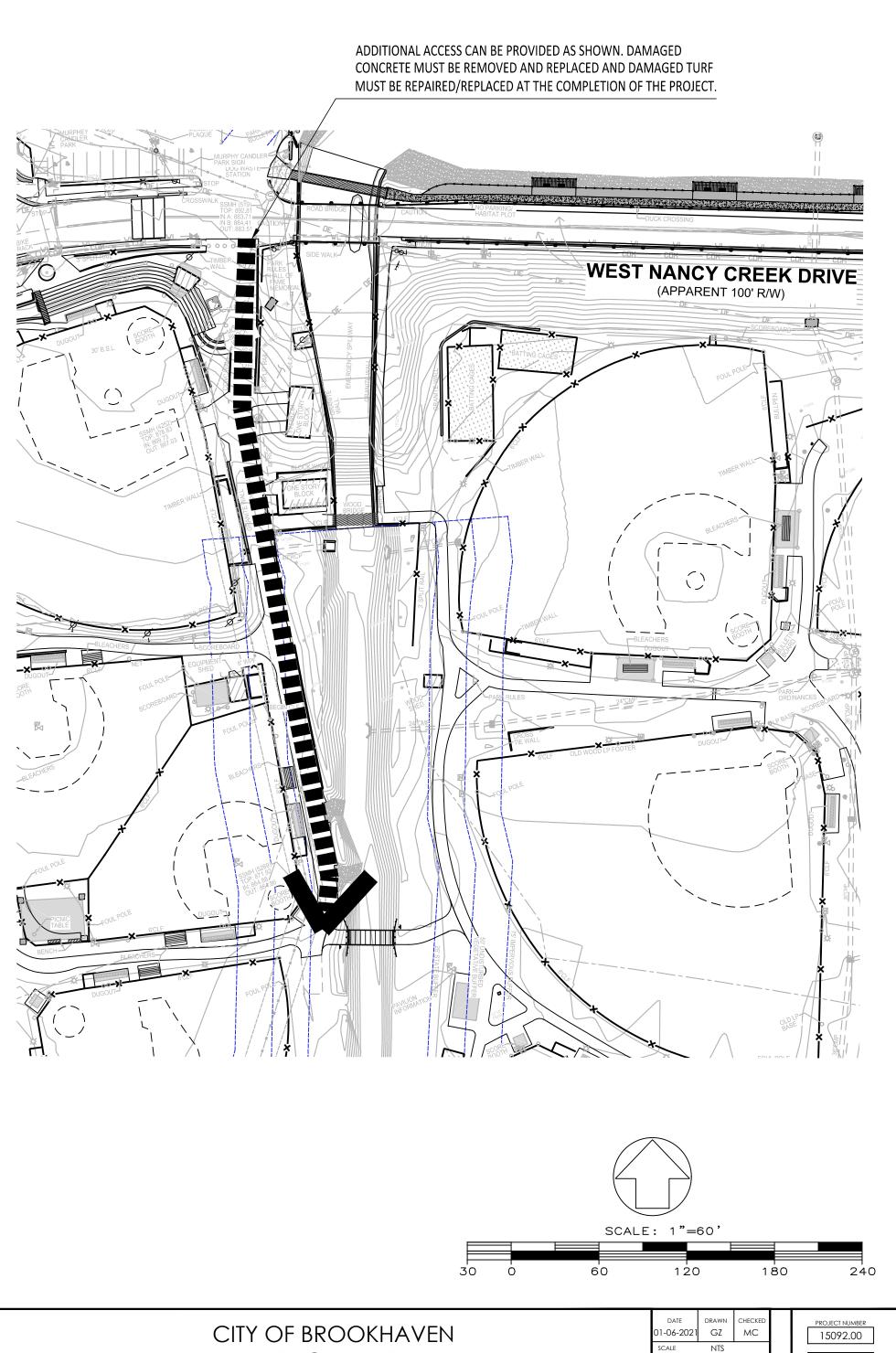
THE UNDERGROUND UTILITIES (EXCEPT THE LOCATION OF EXISTING DRAINAGE, SEWER, AND IRRIGATION UTILITIES AS WELL AS UNDERGROUND STORAGE TANKS) WERE LOCATED BY UTILISURVEY, LLC, UTILIZING RADIO FREQUENCY TECHNIQUE AND IN ACCORDANCE TO LEVEL "B" UTILITY LOCATION CRITERIA. THIS TECHNIQUE IS CAPABLE OF LOCATING METALLIC UTILITIES AND TRACER WIRES. ANY NON- METALLIC UTILITIES (WITHOUT TRACER WIRE) ARE NOT LOCATED.

THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN- SERVICE OR ABANDONED. UNDERGROUND UTILITIES NOT OBSERVED OR LOCATED UTILIZING THIS TECHNIQUE MAY EXIST ON THIS SITE BUT ARE NOT SHOWN, AND MAY BE FOUND UPON EXCAVATION. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.

INFORMATION REGARDING MATERIAL AND SIZE OF UTILITIES IS BASED ON RECORDS ACQUIRED FROM THE UTILITY OWNERS.







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Date last accessed: 1/5/2021 5:50 PM

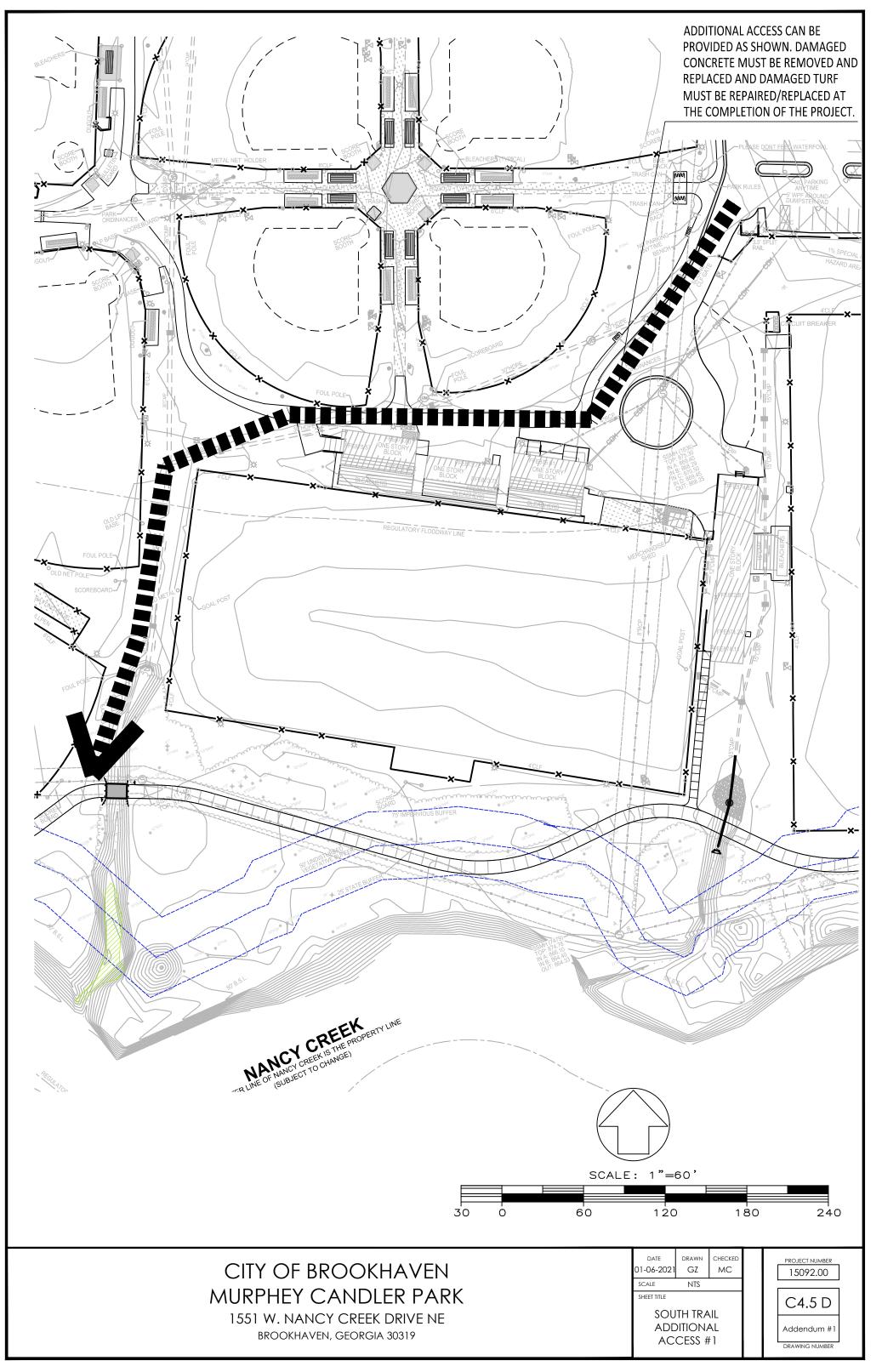
Drawing Name: S:\Projects\Brookhaven_C\Murphey Candler\D Design\01 Job Info\CAD\C4 Series_MCP-Layout Plan.dwg

MURPHEY CANDLER PARK 1551 W. NANCY CREEK DRIVE NE

BROOKHAVEN, GEORGIA 30319

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South trail Additional Access #2			Addendum #1	
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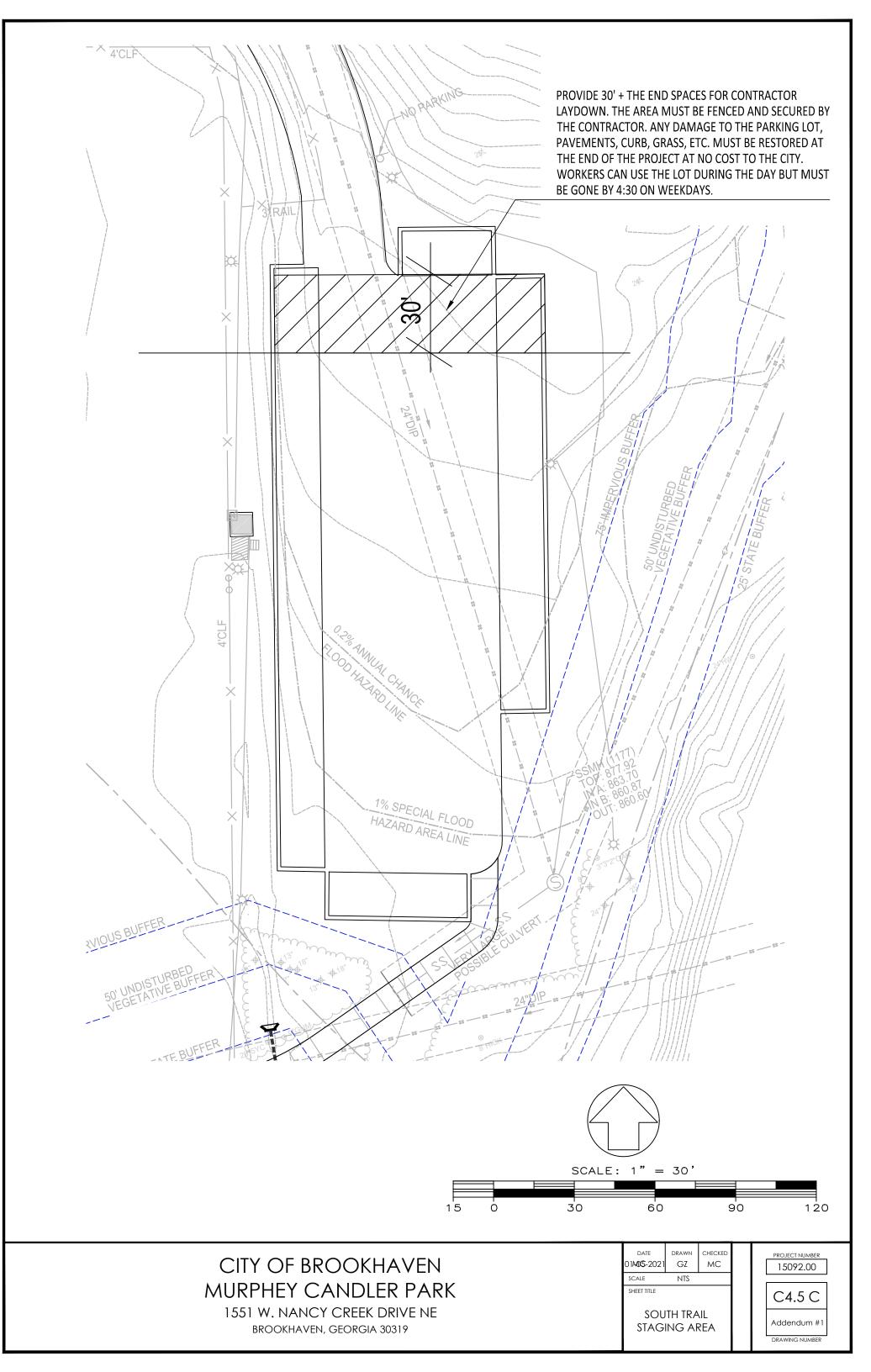
SHEET TITLE



Date last plotted: 1/6/2021 2:51 PM Plotted By: Grace Zhang

Date last accessed: 1/5/2021 5:50 PM

Drawing Name: S:\Projects\Brookhaven_C\Murphey Candler\D Design\01 Job Info\CAD\C4 Series_MCP-Layout Plan.dwg



Below are bullet points of what I share with the contractors on South Trail.

- 1. Read carefully Exhibit B of the ITB which is a summary of the project scope
- 2. Read carefully Exhibit J of the ITB which is the instructions on how to use the Construction Items Bid Schedule.
- 3. We will issue and addendum of this meeting and will include the following:
 - a. New Unit Items sheet that corresponds with the CIBS
 - b. Detail on the bollard to be provided by the city
 - c. Detail on revising the grades in the rip rap swale
 - d. Sign-in list of contractors who attended the pre-bid
 - e. Excel copy of the CIBS for each contractor to use as determined.
- 4. Advised the contractors that then needed to be aware of the setbacks and careful of not destroying tree roots.
- 5. Advised them about Gator Bridge and how to work with them to get shop drawings.
- 6. Contact for Gator Bridge is in the specs.
- 7. Contact Gator bridge soon, there is a lead time on the bridge delivery.
- 8. Mobilization can be invoiced on day one of the project.
- 9. Deposit to Gator can be invoiced as materials stored with a receipt of the payment.
- 10. Explained that the soil borings were in the appendix
- 11. Informed them that we submitted for the City Building Permit but have not received it
- 12. Informed them that we do have an LDP for the project.
- 13. Explained that the quantities are only for convenience, they have to take their own quantities and insert them in the schedule in the contractors column.
- 14. Contractor must take his own quantities based on the drawings. He is to build what is on the plans.
- 15. All questions go to Shakera, not to Lee or Mack.
- 16. Unique issues are defined in the first paragraphs of each Technical Specification Section.
- 17. Hours of construction are in the general conditions.
- 18. Walking the site is a mandatory requirement.
- 19. Staging and storage will be in the parking lot. Contractor must submit a plan for storage and staging.
- 20. City inspector Eric will be on site to check the progress.
- 21. Pervious pavement will require a competent sub-contractor.
- 22. Be sure your references can be contacted
- 23. Contractor must stake the trail before beginning construction and have it adjusted by the client team.
- 24. Contactor responsible for means and methods for bridge delivery and access to the site.