

GENERAL NOTES:

1. DISTURBANCE TO ANY SURVEY MARKERS OR MONUMENTS REQUIRES RE-ESTABLISHMENT BY A LICENSED SURVEYOR AT THE CONTRACTOR'S EXPENSE.
2. A RIGHT-OF-WAY ENCROACHMENT PERMIT SHALL BE OBTAINED FROM PUBLIC WORKS DEPARTMENT PRIOR TO COMMENCING WORK WITHIN AUGUSTA RIGHT-OF-WAY.
3. CONTRACTOR SHALL CONTACT THE UTILITIES PROTECTION INC. "CALL BEFORE YOU DIG" SERVICE IN ORDER TO LOCATE UTILITIES 48 HOURS PRIOR TO STARTING ANY EXCAVATION OR CONSTRUCTION.
4. THE FIELD SURVEY WAS PERFORMED ON 4/23/16.
5. NO CERTIFICATE OF OCCUPANCY WILL BE RELEASED UNTIL ALL SITE IMPROVEMENTS, AS APPROVED BY THE COUNTY ENGINEER, ARE COMPLETED.
6. THIS PROPERTY IS NOT WITHIN A DESIGNATED 100 YEAR FLOOD PLAIN ACCORDING TO F.E.M.A. FLOOD INSURANCE RATE MAP PANEL No. 134500002D DATED 9/9/09.
7. ALL ELEVATIONS REFERENCED TO MEAN SEA LEVEL, 1929 NATIONAL GEODETIC VERTICAL DATUM (N.G.V.D.).
8. SILT BARRIERS MUST BE IN PLACE IMMEDIATELY FOLLOWING CLEARING, REGARDLESS OF PLAN REQUIREMENTS. NO GRADING MAY BE DONE UNTIL SILT BARRIER INSTALLATION IS COMPLETE. CONTRACTOR MUST CALL FOR AN INSPECTION OF SOIL EROSION CONTROL MEASURES PRIOR TO BEGINNING ANY GRADING ACTIVITY.
9. NO CEMENTERIES OR GRANITES WERE DISCOVERED BY ME OR MY REPRESENTATIVES DURING THE PERFORMANCE OF THE FIELD SURVEY. TO THE BEST OF MY KNOWLEDGE AND BELIEF NONE EXIST ON THIS PROPERTY.
10. THE OWNER OR DEVELOPER SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL TRAFFIC SIGNS AND OTHER SUCH SIGNAGE ASSOCIATED WITH TRAFFIC CONTROL AND VEHICULAR MOVEMENT.
11. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
12. THE UTILITY LOCATION SHOWN ON THIS PLAN ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR.
13. THERE ARE NO STATE WELLS LOCATED WITHIN 200' OF THIS PROPERTY.
14. THERE ARE NO WELLS LOCATED ON THIS PROPERTY.
15. ALL DRAINAGE EASEMENTS AND DISTURBED AREAS MUST BE GRASSED AND/OR RP-RAPPED AS REQUIRED TO CONTROL EROSION.
16. ALL CONSTRUCTION WITHIN AUGUSTA RIGHT-OF-WAY SHALL CONFORM TO AUGUSTA, GEORGIA STANDARDS AND SPECIFICATIONS.
17. ALL SILT BARRIERS MUST BE PLACED IMMEDIATELY FOLLOWING CLEARING.
18. NO GRADING SHALL BE DONE UNTIL SILT BARRIERS INSTALLATION IS COMPLETED.
19. CONTRACTOR SHALL CONTACT THE INSPECTION DIVISION OF THE PUBLIC WORKS DEPARTMENT AT LEAST 48 HOURS PRIOR TO STARTING WORK ON THE PROJECT.
20. APPROVAL BY AUGUSTA, GEORGIA IS FOR THE IMPROVEMENTS SHOWN IN THE SITE PLAN. ANY VARIATION FROM THE APPROVED SITE PLAN MUST BE APPROVED BY THE CITY ENGINEER.
21. A PRE CONSTRUCTION CONFERENCE SHALL BE HELD WITH THE COUNTY ENGINEER OR HIS DESIGNATED REPRESENTATIVE PRIOR TO BEGINNING CONSTRUCTION. THIS MEETING SHALL BE SCHEDULED WITH THE DEPARTMENT OF PUBLIC WORKS AT THE TIME THE NOTIFICATION OF WORK COMMENCEMENT IS GIVEN.

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATION DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT UNDER MY SUPERVISION.

G.F. Slaughter 4/14/16

GARNETT F. "BO" SLAUGHTER
 GA. SOL AND WATER CONSERVATION COMMISSION
 LEVEL 1 CERTIFIED DESIGN PROFESSIONAL
 CERTIFICATION NUMBER: 0000017038
 ISSUED: 09/15/2006 EXPIRES: 09/15/2018

THE OWNER SHALL CERTIFY THE FOLLOWING:
 "I AM THE OWNER OF THE PROPERTY AFFECTED BY THIS SITE PLAN. PRIOR TO REQUESTING A CERTIFICATE OF OCCUPANCY, I WILL SUBMIT A NOTARIZED STATEMENT AS FOLLOWS:
 "I CERTIFY THAT THE SITE IMPROVEMENTS ARE COMPLETE AND IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. THIS CERTIFICATION WILL BE BASED ON OBSERVATIONS OF AND SUPERVISION OF CONSTRUCTION BY MY REPRESENTATIVE OR ME. I UNDERSTAND THAT THE CERTIFICATE OF OCCUPANCY WILL NOT BE APPROVED UNTIL THIS CERTIFICATION HAS BEEN MADE."

NATIONAL POLLUTION DISCHARGE ELIMINATING SYSTEM (N.P.D.E.S.)

OUTFALL INFORMATION:
 EXISTING STORM SYSTEM
 SOUTHWEST SIDE OF PROPERTY.

ZONED R2

DRAINAGE AREAS:
 ONSITE: 0.37 ACRES
 OFFSITE: 0.05 ACRES
 IMPERVIOUS: 0.36 ACRES

NAME OF RECEIVING DRAINAGE BASIN:
 RAE'S CREEK

EXISTING STORMWATER ANALYSIS
DEVELOPED WEIGHTED RUNOFF COMPUTATION

SURFACE	TOTAL AREA	NET AREA
EXISTING BUILDING	2,481 SQ FT @ 1.00 =	2,481 SQ FT
EXISTING ASPHALT	12,961 SQ FT @ 1.00 =	12,961 SQ FT
UNDEVELOPED	1,108 SQ FT @ 0.30 =	332 SQ FT
(TOTAL AREA)	16,250 SQ FT	(NET AREA) 13,774 SQ FT
WEIGHTED COEFFICIENT =	NET AREA = 15,472 SQ FT	= 0.95% OR 95%
$T=10$ MINUTES	$100 \text{ YEAR}=9.5 \text{ IN./HR.}$	
$CIA=(0.95)(9.5 \text{ in./hr})(0.459)=4.14 \text{ cfs}$		

PROPOSED STORMWATER ANALYSIS
DEVELOPED WEIGHTED RUNOFF COMPUTATION

SURFACE	TOTAL AREA	NET AREA
EXISTING BUILDING	2,481 SQ FT @ 1.00 =	2,481 SQ FT
PROPOSED BUILDING	592 SQ FT @ 1.00 =	592 SQ FT
PROPOSED CONCRETE	893 SQ FT @ 1.00 =	893 SQ FT
PROPOSED ASPHALT	SQ FT @ 1.00 =	11,241 SQ FT
UNDEVELOPED	1,053 SQ FT @ 0.30 =	315 SQ FT
(TOTAL AREA)	16,250 SQ FT	(NET AREA) 15,512 SQ FT
WEIGHTED COEFFICIENT =	NET AREA = 15,512 SQ FT	= 0.95% OR 95%
$T=10$ MINUTES	$100 \text{ YEAR}=9.5 \text{ IN./HR.}$	
$CIA=(0.95)(9.5 \text{ in./hr})(0.459)=4.14 \text{ cfs}$		

TOTAL IMPERVIOUS AREA = 16,197 SQUARE FEET
 THERE ARE NO TREES GREATER THAN 16" LOCATED ON THIS SITE.

GENERAL AID NOTES

1. All construction of water distribution systems and wastewater collection system lines shall be in accordance with AID's Water & Sanitary Sewer Systems-Design Standards, Construction Specifications and Details (latest publication).
2. The Contractor is responsible for verifying the exact location, size and material of any existing water or sanitary sewer facility proposed for connection or use by this project.
3. Contractor shall contact the Utilities Protection Inc. "Call Before You Dig" service (811) in order to locate utilities prior to starting any excavation or construction. The locations of underground utilities are approximate as determined from existing records.
4. The Contractor shall coordinate the work of the utility companies.
5. The City of Augusta Engineering Division shall be notified at least 48 hours (two working days) in advance during regular working hours (8:30am to 5:00pm, Monday-Friday, excluding Augusta, Georgia holidays) prior to the commencement of any construction activity within Augusta Georgia right-of-way. Contact the City of Augusta Engineering Division at (706)-312-1706.
6. The AID Engineering Division shall be notified at least 48 hours (two working days) in advance during regular working hours (8:30 am to 5:00 pm, Monday-Friday, excluding Augusta, Georgia holidays) prior to any construction, tie-ins, or testing of water or wastewater lines. No work shall commence until contact is made with an AID representative. Contact the Augusta Utilities Construction Manager at (706)-312-4141.
7. Disturbance of any Survey Markers or Monuments requires re-establishment by a registered land surveyor at the Contractor's expense.
8. Any discrepancies, errors, or omissions discovered on plans or in the specifications should be noted on the contract proposal and does not relieve the Contractor of responsibility to correct the same.
9. All concrete shall have minimum 28-day strength of 3,000 psi.
10. If a conflict arises between the new work and the existing water and sewer facilities during the course of construction, it will be the responsibility of the Owner/Developer/Contractor, at his expense, and not AID's, to correct the discrepancy as directed by a representative of AID.
11. All existing Augusta-Richmond County road structures such as storm manholes, inlet boxes, etc., shall be maintained and/or adjusted as is appropriate to ensure proper utilization.
12. All materials deemed acceptable by AID are the property of Augusta, Georgia and will be removed and stored on site in a secured area determined during construction by the contractor, and Augusta Utilities Department.
13. For private developments, AID shall not be responsible for pavement patching and/or replacement and the site restoration whenever AID performs repair, replacement or installation work.
14. If AID must repair or replace utilities on the property, then the developer shall arrange for access by AID as required to repair or replace the utility.
15. A minimum 15" Utility Easement centered over all water lines and a minimum 20" Utility Easement centered over all wastewater lines shall be deeded to Augusta, Georgia at completion and occupation of said lines. Easements containing both water and sewer shall total 30' in width, while maintaining minimum separation requirements as listed in AID's Water & Sanitary Sewer Systems-Design Standards, Construction Specifications and Details.
16. A right-of-way encroachment permit shall be obtained from the Public Works Department prior to commencing any work within an Augusta, Georgia right-of-way. A Georgia DOT right-of-way encroachment permit may be required for work on a temporary or permanent state route. Contact Augusta Utilities/CONSTRUCTION Division to determine if a permit is required. The utilities encroachment permit must be applied for through Augusta Utilities Department. Conditions of the permit must be complied with fully. The permit must be in hand a minimum 24 hours notice given to CDDOT prior to beginning any work in the CDDOT right-of-way.
17. The Contractor and Utility Department representative shall have a copy of the Augusta-Richmond County, Georgia-Rights of Way Encroachment Guidelines Development Document #15, adopted June 1999, amended August 2000. The encroachment permit set forth in this document shall be adhered to at all times.
18. Traffic control devices shall meet and be installed in accordance with the manual on uniform traffic control devices. Also, a traffic control/detour plan shall be submitted to the City Engineer for approval as noted in the Augusta-Richmond County, Georgia-Rights of Way Encroachment Guidelines.
19. All road cuts shall be overlaid. Asphalt overlay shall be a minimum of 1 1/2" thick compacted type "F" asphalt as specified in the Augusta-Richmond County, Georgia-Rights of Way Encroachment Guidelines.
20. Clearing and grubbing shall be at the Contractor's discretion, subject to AID approval, to facilitate construction.
21. The implementation of best management practices (BMP's) for erosion and sediment control in accordance with the Manual for Erosion and Sediment Control in Georgia shall be installed and maintained at all times.

AID WATER NOTES

1. An AID Inspector shall be present when a tap or tie-in occurs.
2. All PVC water lines shall be DR-16 PVC meeting AWWA C-900 and/or C-905, unless otherwise shown or specified.
3. All DP water lines shall be class 350 for lines 16" diameter and smaller, and class 500 for lines 18" diameter through 24" diameter, unless otherwise specified or shown.
4. All water lines shall be tested, chlorinated, and checked for bacteria per AID's Water & Sanitary Sewer Systems-Design Standards, Construction Specifications and Details.
5. Copper Wire (12-gauge, insulated, Single Strand) shall be attached along top of all buried PVC water lines, wrapped around service corporations and brought up on the outside of all valve boxes, stubbing out at the top for locating purposes. This wire shall be properly applied with a water proof connector for electrical connectivity, and then insulated to protect against corrosion. (Reference AID Detail 1.1 when applicable).
6. Detector Tape shall be 4 inches and placed 2 feet above pipe and similar device to conduit per AID detail 4.3.
7. All water valves on the main lines, including hydrant laterals, shall be open-left if installed south of Gordon Highway (S.R. 10), or open-right if installed north of Gordon Highway.
8. The Contractor shall furnish, install, and maintain a meter box at the termination point of all water services. Meter boxes will in no way be placed under driveways. Meter boxes will preferably be located in the center of the lot and within the R/W, and maintained by the Contractor until such time the meter is installed.
9. Water services shall have minimum diameter of 1 inch.
10. Any existing water service lines which are extensions off an existing water main to be abandoned discovered during construction shall be replaced with new service lines are to tie into the new water main and be reconnected to the existing water meter.
11. All existing water services shall be extended and meter boxes relocated as required beyond the limits of construction. The services shall be connected to the new water main after said main has been extended, pressure tested and put into service. In the event that the service line is not active, a new water service will be required to be constructed.
12. All water meters shall be purchased from AID.
13. The Developer/Contractor shall locate water services and valves by etching a "W" for the water service and a "V" for a valve in the pavement in the driveway or in the pavement if no curb is available, and highlight the etching with blue paint per the APWA uniform color code. In the event that the valve is located behind the curb or pavement, invert the "W" marking so that it points to the valve outside the roadway.
14. All fire hydrants shall require a security check valve to be located at the shoe of the hydrant at the point of installation, private or non-private.
15. Fire hydrants are to be located a minimum of one foot inside existing right-of-way with a 3 foot radius clearance.
16. Existing fire hydrants and meters that are removed shall be turned over to AID.
17. Per AID's Water & Sanitary Sewer Systems-Design Standards, Construction Specifications and Details: For backflow installations for non-residential development, a minimum "double check" backflow prevention device shall be installed on the customer's side of all services.
18. Per AID's Water & Sanitary Sewer Systems-Design Standards, Construction Specifications and Details: Fire lines require a "double detector" backflow device.
19. Per AID's Water & Sanitary Sewer Systems-Design Standards, Construction Specifications and Details: For backflow installations for residential development, a "dual check" backflow device shall be installed on the customer's side of the service line at the point of tie-in to the water meter.
20. Per AID's Water & Sanitary Sewer Systems-Design Standards, Construction Specifications and Details: For high hazard locations, a reduced pressure (RPZ) backflow device will be required.
21. A written request shall be submitted to AID for the required backflow prevention device for a specific site. Contact the Augusta Utilities Systems Protection Manager at 706-312-4145.
22. Backflow devices shall be tested by a certified plumber within five (5) working days of installation and the results furnished to the System Manager. The 30 working days of installation prior to any water use. AID shall be notified prior to testing Contact the Augusta Utilities Systems Protection Manager at 706-312-4145.

AID SEWER NOTES

1. The Contractor is to verify the invert elevations (I.E.) of existing lines prior to beginning construction.
2. Sewer force main shall be PVC DR-16 C-900 or C-905, unless otherwise shown or specified.
3. If the main is PVC or HDPE, then 12-gauge insulated single strand wire shall be attached along the top of the main to run up the sewer manhole for tracing purposes.
4. Detector Tape shall be 4 inches and placed 2 feet above pipe and similar device to conduit per AID detail 4.3.
5. All tie-ins to existing lines shall be correct.
6. All manholes require equal, rubber footed, manhole risers.
7. No proposed sewer line shall be approved by AID's Engineering Division until the AID Construction and Maintenance Division completes the required CCTV inspection report. Per AID's Water & Sanitary Sewer Systems-Design Standards, Construction Specifications and Details.
8. No construction shall be made on existing sewer lines until the proposed line is inspected and approved by AID's Engineering Division.
9. All sewer manholes shall have an elevation drop of 0.2 foot across the inlet and outlet.
10. Wastewater clean-outs shall be installed at all individual services as shown in AID-Detail 2.6, and shall not be installed under driveways or any paved areas without prior approval from AID.
11. Service lines under water main shall be bedded per these AID Specifications and AID Detail 2.1.
12. Maximum allowable infiltration shall not exceed 100 GPD/inch of pipe diameter per mile.
13. The Contractor shall locate sanitary sewer services by etching an "S" in the curb, or in the pavement if no curb is available, and highlight the etching with green paint per the APWA uniform color code (APWA, 2000).
14. Finished floor elevations of all proposed buildings shall be a minimum of five (5) feet above the invert elevation of the wastewater main or manhole at the point of tie-in. In instances where this is not possible, a backwater valve shall be installed in the sewer service.



LOCATION MAP:
 SCALE: 1"=100'

PROJECT DESCRIPTION:

THIS PROPERTY IS LOCATED IN RICHMOND COUNTY, GEORGIA IN THE 119th G.M.D. THE PROPERTY IS CURRENTLY DEVELOPED. THE EXISTING USE WILL IS AUTO REPAIR. IMPROVEMENTS WILL INCLUDE BUILDING, PARKING, & WATER. ALL DRAINAGE WILL FLOW INTO EXISTING DRAINAGE SYSTEM.

SPECIAL NOTE:

THE COST OF INSPECTION BY THE CITY OF AUGUSTA-RICHMOND COUNTY'S DEPARTMENT OF PUBLIC WORKS AND ENGINEERING, BEFORE OR AFTER REGULAR WORKING HOURS, ON SATURDAYS, SUNDAYS, OR LEGAL HOLIDAYS, SHALL BE PAID FOR BY THE INDIVIDUAL REQUESTING THE INSPECTION AT A RATE OF 1.5 TIMES THE REGULAR SALARY PER HOUR OF THE INSPECTOR PLUS TRAVEL FROM THE EMPLOYER'S REGULAR/USUAL MATCH APPROVAL FOR THE INSPECTION OUTSIDE OF REGULAR WORKING HOURS SHALL BE OBTAINED FROM THE COUNTY ENGINEER 48 HOURS IN ADVANCE. PRIOR TO THE COMMENCEMENT OF WORK REQUIRING INSPECTION OUTSIDE OF REGULAR WORKING HOURS, THE INDIVIDUAL REQUESTING THE INSPECTION SHALL SIGN A FORM WHICH IS FURNISHED BY THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING AND WHICH TO PAY THE OVERTIME THE INDIVIDUAL REQUESTING THE INSPECTION WILL BE BILLED BY THE DEPARTMENT OF PUBLIC WORKS AND ENGINEERING FOR PAYMENT.

Soil erosion control measures must be in place prior to any land disturbing activity

G.F. "BO" SLAUGHTER
 LEVEL 1 CERTIFICATION NUMBER: 0000017038
 ISSUED: 9/15/06 EXPIRES: 9/15/16



PROJECT DATA

DEVELOPER:	CORPORATE STUDIO C/O MICHELLE HOPPER P.O. BOX 3768 AUGUSTA, GA 30914 PHONE: (706) 724-4800
AGENT:	24-HR. CONTACT MICHELLE HOPPER PHONE: (706) 724-4800
PROJECT AREA:	0.37 AC.
DISTURBED AREA:	2,638 sq.ft.
CURRENT ZONING:	B2
TAX MAP:	011-0-134-02-0

COVER SHEET FOR
DIABLO'S
 PROPERTY LOCATED AT 3102 WASHINGTON RD
 AUGUSTA - RICHMOND COUNTY GEORGIA
 SCALE: 1" = 10'
 APRIL 13, 2016

PREPARED BY:
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