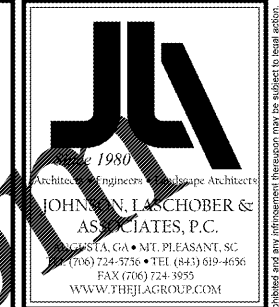
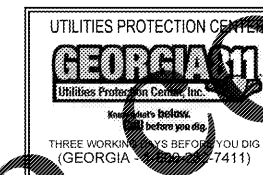


AUGUSTA, GEORGIA
535 TELFAIR STREET, AUGUSTA, GA 30901

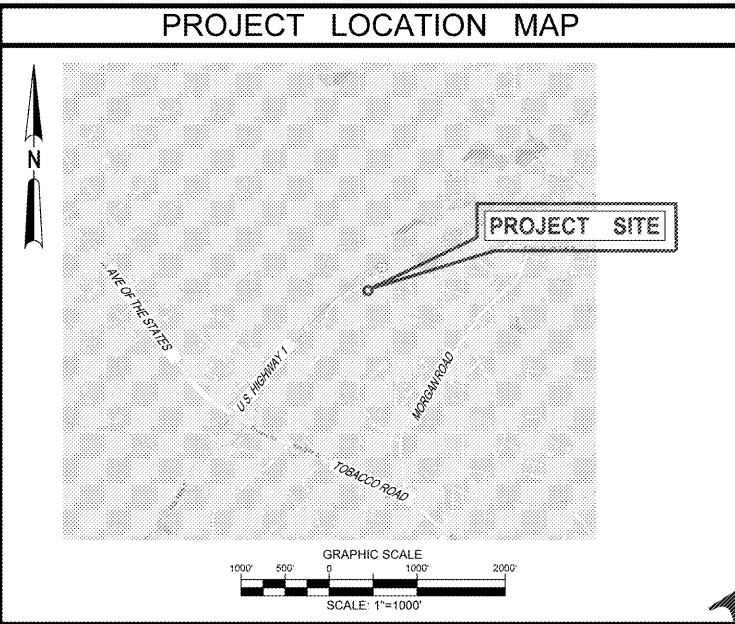
AUGUSTA FIRE STATION #20

AUGUSTA, GEORGIA



- ### GENERAL NOTES
- ALL ELEVATIONS ARE BASED ON MEAN SEA LEVEL.
 - THE CONTRACTOR WILL BE RESPONSIBLE FOR ACQUIRING ALL PERMITS AND LICENSES AS REQUIRED BY CITY OF AUGUSTA NECESSARY FOR CONSTRUCTION.
 - ALL DRAINAGE EASEMENTS AND DISTURBED AREAS MUST BE GRASSED AND/OR RIPRAPPED AS REQUIRED TO CONTROL EROSION.
 - ALL CONSTRUCTION WITHIN THE CITY OF AUGUSTA RIGHTS-OF-WAY SHALL CONFORM TO AUGUSTA, GEORGIA STANDARDS AND SPECIFICATIONS.
 - ALL SILT BARRIERS MUST BE PLACED IMMEDIATELY FOLLOWING CLEARING. NO GRADING SHALL BE DONE UNTIL SILT BARRIERS INSTALLATION IS COMPLETED.
 - CONTRACTOR SHALL CONTACT THE INSPECTION DIVISION OF THE PUBLIC WORKS DEPARTMENT AT LEAST 48 HOURS PRIOR TO STARTING WORK ON THE PROJECT. THE PHONE NUMBER FOR THIS OFFICE IS _____.
 - THERE ARE NO KNOWN GRAVE SITES OR CEMETERIES LOCATED ON THE PROPERTY. IF GRAVE SITES OR CEMETERIES ARE DISCOVERED DURING CONSTRUCTION, INFORMATION MUST BE SUBMITTED TO THE PLANNING COMMISSION IMMEDIATELY.
 - 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 ENGINEERING DEPARTMENT AT THE TIME THE NOTIFICATION OF WORK COMMENCEMENT IS GIVEN.
 - ALL BOXES HAVING A DEPTH OF 4'-0" OR GREATER SHALL HAVE STEPS. MANHOLE COVER SHALL BE LOCATED SUCH THAT STEPS CAN BE READILY ACCESSIBLE.
 - NO MARQUEE, ISLANDS, OR SPRINKLER SYSTEM TO BE LOCATED WITHIN THE RIGHT-OF-WAY. THE CONTRACTOR SHALL VERIFY I.E. OF ALL EXIST. PIPES AND ROAD GRADE ELEVATIONS OF EXISTING ROADS BEFORE BEGINNING CONSTRUCTION.
 - NOTIFY THE CITY ENGINEER'S OFFICE 48 HRS. PRIOR TO STARTING CONSTRUCTION, POURING TRAP TOPS, DUMPING BASE OR PAVING.
 - APPROVAL OF THESE PLANS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF ADHERING TO THE WEIGHT LIMITS PRESCRIBED ON STATE, COUNTY & CITY MAINTAINED ROADS FOR HAULING EQUIPMENT OR MATERIALS TO & FROM THIS SITE.
 - THE CONTRACTOR IS RESPONSIBLE TO REMOVE OR CLEAN OUT ANY SILT, DIRT, MUD OR ANY OTHER TYPE OF DEBRIS THAT COMES OFF THE SITE AND FINDS ITS WAY INTO PRIVATE PONDS OR A COUNTY OWNED POND. THEY ARE RESPONSIBLE TO REMOVE ANY OF THE ABOVE MENTIONED ITEMS THAT COME OFF THE SITE ONTO PRIVATE, COUNTY OR STATE OWNED PROPERTIES TO INCLUDE RIGHTS-OF-WAY.
 - A CAD FILE WILL BE PROVIDED FOR SITE GEOMETRY STAKING.
 - UTILITY CONTACT INFORMATION (CONTRACTOR TO VERIFY PRIOR TO CONSTRUCTION):

WATER & SEWER	AUGUSTA UTILITY DEPART.	(706) 842-3060
NATURAL GAS	GEORGIA NATURAL GAS	1 (877)427-4321
ELECTRICITY	GEORGIA POWER CO.	1-888-891-0938
COMMUNICATIONS		



SITE LEGEND

	EXISTING	PROPOSED
BLDG. STRUCTURE		
PROPERTY LINE OR RIGHT-OF-WAY	BEARING/LENGTH DIST./RADIUS	BEARING/LENGTH DIST./RADIUS
SPOT ELEVATION		
TREE LINE		
FLOOD ZONE AE		
WETLANDS BOUNDARY		
CONTOUR		
STORM DRAIN		
SANITARY SEWER		
CLEAN-OUT/SS SERVICE		
WATER		
OVERHEAD POWER		
UNDERGROUND POWER		
OVERHEAD TELEPHONE		
UNDERGROUND TELEPHONE		
DITCH/SWALE		
FENCE		
CONCRETE		
HEAVY-DUTY ASPHALT PAVEMENT		
LIGHT-DUTY ASPHALT DRIVEWAY		
CONCRETE CURB & GUTTER		
PITCHED (SPILL)		
NORMAL		
2-SCH 40 PVC 4" CONDUIT STUB (PAIR)		

- ### E.S.P.C. NOTES:
- THIS PROJECT DOES NOT WITHIN THE 100-YR FLOOD PLAIN PER FIRM NO. 13245C0130G DATED JULY 2011.
 - THERE ARE NO KNOWN WETLANDS PRESENT OR WITHIN 200 FEET OF THE PROJECT LIMITS WITH NO BUFFER REQUIREMENT (CHECKLIST ITEMS No. 40 & 41) (CHECKLIST ITEM No. 40).
 - ALL CRITICAL AREAS SUCH AS STREAM CROSSING, WETLANDS, CEMETERY, ETC. ARE NOTED IN THE PLANS WITHIN THE PROJECT LIMIT.
 - EROSION AND SEDIMENT PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED WITHIN THE DISTURBED AREA.
 - THE SHAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND-DISTURBING ACTIVITIES". (CHECKLIST ITEM No. 19)
 - "EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE". (CHECKLIST ITEM No. 20)
 - "ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING". (CHECKLIST ITEM No. 21)
 - THERE ARE NO ENDANGERED SPECIES AND ARCHEOLOGICAL SITES ON OR WITHIN 200 FEET OF THE PROJECT AREA.
 - THIS CONSTRUCTION ACTIVITY DOES NOT DISCHARGE DIRECTLY TO OR IS NOT WITHIN 1 LINEAR MILE OF A BIOTA IMPAIRED STREAM SEGMENT PER 2016 INTEGRATED 305(b)/303(d) LIST OF STREAMS. (CHECKLIST ITEMS No. 22 & 23)
 - DEVELOPERS AND/OR CONTRACTORS ARE RESPONSIBLE TO REMOVE OR CLEAN OUT ANY SILT, DIRT, MUD OR ANY OTHER TYPE OF DEBRIS THAT COMES OFF THEIR SITE AND FINDS ITS WAY INTO A PRIVATE POND OR A COUNTY OWNED POND. THEY ARE RESPONSIBLE TO REMOVE ANY OF THE ABOVE MENTIONED ITEMS THAT COME OFF THEIR SITE ONTO PRIVATE OR COUNTY OWNED PROPERTIES TO INCLUDE RIGHTS OF WAY.
 - NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS. (CHECKLIST ITEM No. 15)
 - AMENDMENTS/REVISIONS TO THE EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMP'S WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL. (CHECKLIST ITEM No. 17)
 - WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT. (CHECKLIST ITEM No. 18)
 - THE CONTRACTOR SHALL COMPLY WITH THE "GEORGIA MANUAL FOR ON-SITE SEWAGE MANAGEMENT SYSTEMS" FOR WASTE DISPOSAL, SANITARY SEWER AND/OR SEPTIC TANK INCLUDING ALL TEMPORARY MEASURES DURING CONSTRUCTION AND AFTER CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED.
 - FINAL GRADING WILL CONSIST OF SPREADING TOPSOIL (4" MIN. TO FINISHED GRADES INDICATED) ON ALL DISTURBED AREAS NOT PAVED.
 - ALL DISTURBED AREAS WILL BE GRASSED AND STABILIZED IMMEDIATELY AFTER GRADING ACCORDING TO THE GRASSING, FERTILIZATION AND MULCH SPECIFICATION. STABILIZATION MEASURES SHALL BE INITIATED ON DISTURBED AREAS WITHIN 14 DAYS OF CESSATION OF CONSTRUCTION ACTIVITY IN THAT AREA, OR WHEN CONSTRUCTION ACTIVITY WILL NOT RESUME WITHIN TWENTY-ONE (21) DAYS OR WITHIN FOURTEEN (14) DAYS OF COMPLETION OF CONSTRUCTION ACTIVITY.
 - APPENDIX B RATIONALE FOR NTU: STORM WATER SAMPLING WILL BE DONE UTILIZING THE OUTFALL SAMPLING METHOD; THEREFORE, THE ALLOWABLE NTU VALUES FOR THE STORM WATER OUTFALLS ARE BASED ON THE TABLE LOCATED IN APPENDIX B OF THE PERMIT. 9.4 ACRES OF THE SITE WILL BE DISTURBED BY CONSTRUCTION. THE TOTAL SURFACE WATER DRAINAGE AREA TO SAMPLE POINT 1 AND SAMPLE POINT 2 IS APPROXIMATELY 0.02 SQUARE MILES. BOTH SAMPLE POINTS ARE LOCATED IN A WARM WATER FISHERY. THEREFORE, THE NTU VALUE FOR BOTH OUTFALLS IS 15.75. SEE DRAWING C-502 FOR SAMPLE POINT LOCATIONS. (CHECKLIST ITEM No. 33)
 - THE CONTRACTOR IS RESPONSIBLE TO REMOVE OR CLEAN UP ANY AND ALL SEDIMENT THAT LEAVES THE PROJECT SITE.
 - PROJECT DISTURBED AREA DOES NOT EXCEED 50 ACRES. (CHECKLIST ITEM No. 3)
 - DURING CONSTRUCTION, PORT-A-LET FACILITIES WILL BE UTILIZED FOR WASTE DISPOSAL. AFTER CONSTRUCTION, COLUMBIA COUNTY SANITARY SEWER WILL BE UTILIZED FOR WASTE DISPOSAL.
 - THE DESIGN PROFESSIONAL WHO PREPARED THE E.S.P.C. PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMP'S WITHIN 7 DAYS AFTER INSTALLATION. (CHECKLIST ITEM No. 14)

INDEX OF DRAWINGS

SHT. NO.	SHEET TITLE
CG-001	COVER SHEET
CV-001	EXISTING CONDITIONS AND DEMOLITION PLAN
C-101	SITE LAYOUT PLAN
C-201	GRADING AND DRAINAGE PLAN
C-301	UTILITY PLAN
C-401	PROFILE SHEET
C-501	PHASE I E.S.P.C. PLAN (INITIAL STOP WORK & PERIMETER CONTROL)
C-502	PHASE II E.S.P.C. PLAN (INTERMEDIATE GRADING & DRAINAGE)
C-503	PHASE III E.S.P.C. PLAN (FINAL STABILIZATION)
C-504	E.S.P.C. NOTES & DETAILS - SHT 1 OF 5
C-505	E.S.P.C. NOTES & DETAILS - SHT 2 OF 5
C-506	E.S.P.C. NOTES & DETAILS - SHT 3 OF 5
C-507	E.S.P.C. NOTES & DETAILS - SHT 4 OF 5
C-508	E.S.P.C. NOTES & DETAILS - SHT 5 OF 5
C-601	CONSTRUCTION DETAILS - SHT 1 OF 5
C-602	CONSTRUCTION DETAILS - SHT 2 OF 5
C-603	CONSTRUCTION DETAILS - SHT 3 OF 5
C-604	CONSTRUCTION DETAILS - SHT 4 OF 5
C-605	CONSTRUCTION DETAILS - SHT 5 OF 5
L-101	LANDSCAPE PLAN
L-201	LANDSCAPE DETAILS

PROJECT DATA

OWNER (PRIMARY PERMITEE): AUGUSTA, GA 535 TELFAIR STREET AUGUSTA, GA 30901	G.M.D.: 1434TH
OWNER'S CONTACT: CHIEF CHRIS JAMES P: 706-821-4230 E: cjames@augustaga.gov	GSWCC REGION: REGION III SWCD: BRIER CREEK
OWNER'S ENGINEER: JOHNSON, LASCHOBER & ASSOCIATES, P.C. WILLIAM T. BUCHANAN, P.E. 1296 BROAD STREET AUGUSTA, GA 30901 P: 706-724-5756 E: wbuchanan@theJLAGroup.com	RECEIVING WATERS: _____
PARCEL NO.: 118-0-009-02-0	SITE INFORMATION: LAND USE: CIVIC/PUBLIC SAFETY CONSTRUCTION TYPE: LAND DISTURBANCE
PROPERTY ADDRESS: 2820 OLD HIGHWAY 1 HEPHZIBAH, GA 30815	PROPERTY COORDINATES: 33.4037° N, -82.1034° W
TOTAL SITE AREA: 1.31 ACRES	ZONING: B-2
DISTURBED AREA: _____ ACRES	BUILDING AREA: 10,914 SF
	BUILDING SETBACKS: 10 FT (REAR AND SIDE) 30 FT (FRONTS)
	EXISTING IMPERVIOUS GROUND COVER: BASIN #1: _____ ACRES BASIN #2: _____ ACRES TOTAL: _____ ACRES
	PROPOSED IMPERVIOUS GROUND COVER: BASIN #1: _____ ACRES BASIN #2: _____ ACRES TOTAL: _____ ACRES

STORMWATER QUALITY FEATURES

BASIN NO.	SVQ SHEET NO.	LOCATION	TYPE	MANUFACTURER & MODEL NO.	FLOW CAPACITY (CFS)
1	1	C-201 STR. B-1	FLEXSTORM PURE INLET FILTER	ADS FRAME 62XLHD BAG: PC	
1	2	C-201 SOUTHERN PROP LINE	VEGETATED FILTER STRIP	N/A N/A	N/A
2	1	C-201 STR. A-1	FLEXSTORM PURE INLET FILTER	ADS FRAME 62XLHD BAG: PC	7.2
2	2	C-201 STR. A-1.1	FLEXSTORM PURE INLET FILTER	ADS FRAME 62XLHD BAG: PC	7.2
2	3	C-201 STR. A-2	FLEXSTORM PURE INLET FILTER	ADS FRAME 62XLHD BAG: PC	7.2
2	4	C-201 STR. A-3	FLEXSTORM PURE INLET FILTER	ADS FRAME 62XLHD BAG: PC	7.2

UTILITY WARNING:
The underground utilities shown have been located from field survey information and existing drawings. The engineer makes no guarantee that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The engineer further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from information available. The engineer has not physically located the underground utilities.

CLIENT: AUGUSTA, GA
535 TELFAIR STREET, AUGUSTA, GA 30901

PROJECT NAME: FIRE STATION #20

PROJECT LOCATION: 2820 OLD HIGHWAY 1, HEPHIZIBAH, GEORGIA 30815

REV.	DATE	BY	DESCRIPTION
0	12/21/18	WTB	ISSUED FOR BID

PROJECT NO: 3042.1604
DRAWN BY: DRWN
CHECKED BY: CHK
DATE: 8/10/18

SHEET TITLE: COVER SHEET

SCALE: AS NOTED
DRAWING NO: CG-001
REV: 0

Johnson, LASCHOBER & ASSOCIATES, P.C.

1296 BROAD STREET
AUGUSTA, GEORGIA 30901

Architects • Engineers • Landscape Architects
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