

MID BROADWELL PETITION SEWER DISTRICT 2, SECTION 2 LAND LOTS 1134, 1171 & 1172 LINEAR CONSTRUCTION PROJECT

MARCH 7, 2007



FULTON COUNTY

PREPARED FOR:
FULTON COUNTY DEPARTMENT OF PUBLIC WORKS
TECHNICAL SERVICES UNIT
TELEPHONE (404) 730-7400

PREPARED BY:
**PRIME
ENGINEERING**
INCORPORATED®

PRIME PROJECT NUMBER 06-2015-009

BOARD OF COMMISSIONERS

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24 HR. EMERGENCY CONTACT
MR. RAY WOOTEN JR., P.E.
404-730-7547

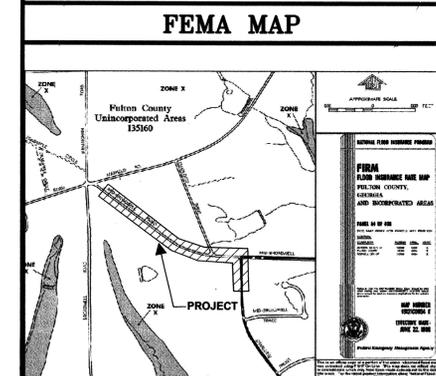
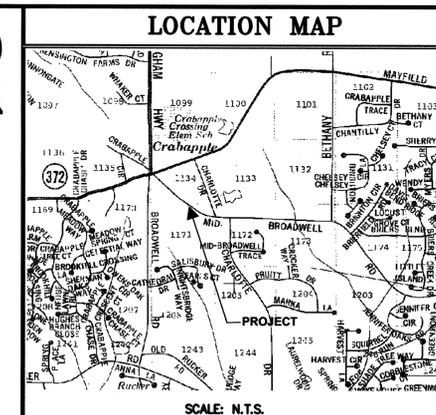
NO.	DATE	BY	REVISION

ALL EROSION AND SEDIMENTATION CONTROLS, AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO GRADING. NOTIFY INSPECTOR PRIOR TO START OF ANY CONSTRUCTION.

THE APPROVAL OF THESE PLANS AND THE ISSUANCE OF THIS LAND DISTURBANCE PERMIT DOES NOT IN ANY WAY SUGGEST THAT ALL OTHER REQUIREMENTS FOR THE LEGAL OR APPROPRIATE OPERATIONS FOR THIS ACTIVITY, WHICH MAY REQUIRE ADDITIONAL PERMITTING, HAVE BEEN MET. THE ONUS IS ON THE OWNER/DEVELOPER/BUILDER TO DISCOVER WHAT ADDITIONAL PERMITTING OR APPROVALS MAY BE NECESSARY TO OPERATE FROM THIS POINT IN AN APPROPRIATE AND LEGAL MANNER. PLAN APPROVAL OR PERMIT ISSUANCE DOES NOT RESOLVE THE APPLICANT FROM COMPLYING WITH ALL APPLICABLE LAWS, POLICIES, STANDARDS OR OTHER PERMITS WHICH MAY BE REQUIRED FOR THIS PROJECT.

SECTION	SIGNATURE	APPROVAL DATE
PLANNING		
DRAINAGE		
HYDROLOGY		
FLOOD PLAIN		
EROSION CONTROL		
WASTE WATER		
WATER		
LANDSCAPE / TREE PROTECTION		
TRAFFIC		
HEALTH		
RIVER CORRIDOR		

THE INITIALS (OR SIGNATURE) LISTED ON THE LINES ABOVE ATTEST TO THE FOLLOWING: THE REVIEW OF EACH SPECIALTY HAS BEEN COMPLETED AND THAT THE PROJECT DESIGN DEEMED TO BE ACCEPTABLE BY AN ENVIRONMENT AND COMMUNITY DEVELOPMENT PLAN REVIEW STAFF MANAGER. THIS MEANS THAT THIS PROJECT IS FOUND TO BE IN COMPLIANCE TO THE STANDARDS, RULES, REGULATIONS, AND ORDINANCES OF FULTON COUNTY AND ALL OTHER LEGALLY BINDING STATUTES.



PROJECT SITE IS NOT IN 100 YEAR FEMA FLOODPLAIN IN ACCORDANCE WITH F.I.R.M. PANEL NUMBER 13121C0054 E DATED 6/22/98

P.E. SEAL

D.E.C.D.



PROJECT: MID BROADWELL PETITION SEWER

PROJECT OWNER

FULTON COUNTY
DEPARTMENT OF PUBLIC WORKS.
141 PRYOR STREET, S.W., SUITE 6001
ATLANTA, GEORGIA 30303
PHONE: 404-730-7400
FAX: 404-730-8325

PROJECT ENGINEERING REVIEW DATE

LAND DEVELOPMENT REVIEW DATE

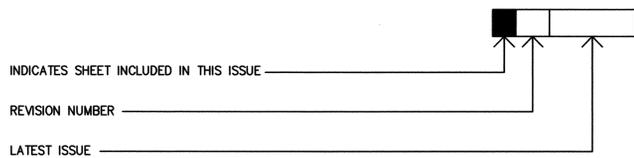
APPROVED DATE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT SITE & FIELD LOCATE UTILITIES PRIOR TO ANY CONSTRUCTION ACTIVITY.

DRAWING INDEX

DRAWING NUMBER	DRAWING TITLE
0 03/07/07 T-001	COVER SHEET
0 03/07/07 C-001	LEGEND, ABBREVIATIONS, & GENERAL NOTES
0 03/07/07 C-002	NOTES
0 03/07/07 C-201	SANITARY PLAN & PROFILE STA. 10+00 TO 22+00
0 03/07/07 C-202	SANITARY PLAN & PROFILE STA. 22+00 TO 29+50
0 03/07/07 C-401	ES&PC DETAILS
0 03/07/07 C-402	CONSTRUCTION DETAILS
0 03/07/07 C-403	CONSTRUCTION DETAILS
0 03/07/07 C-501	TRAFFIC CONTROL PLAN

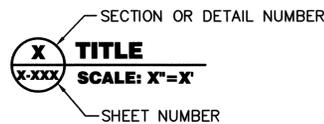
LEGEND



LEGEND

	EXISTING	PROPOSED
ASPHALT PAVEMENT		
BENCHMARK		N/A
BUILDING		N/A
CONCRETE		
CONTOUR, INTERMEDIATE		
CONTOUR, MAIN		
EASEMENT		
IRON ROD FOUND		N/A
PROPERTY LINE		
SIGN, ONE POLE		N/A
WATER LINE		N/A
FIRE HYDRANT		N/A
WATER METER		N/A
WATER VALVE		N/A
GAS		N/A
UNDERGROUND TELEPHONE		N/A
OVERHEAD ELECTRIC		N/A
SANITARY SEWER		

DETAIL IDENTIFICATION



ABBREVIATIONS

AC ACRE	MH MANHOLE
AGGR AGGREGATE	MON MONUMENT
ASPH ASPHALT	N/A NOT APPLICABLE
BLDG BUILDING	NTS NOT TO SCALE
CL CENTERLINE	R PROPERTY LINE
CB CATCH BASIN	PP POWER POLE
CC CORRUGATED METAL PIPE	PPVC PERFORATED PVC PIPE
CO CLEAN OUT	PVC POLYVINYL CHLORIDE (PIPE)
CONC CONCRETE	PVMT PAVEMENT
DI DROP INLET	R RADIUS
DIA, # DIAMETER	R/W RIGHT OF WAY
DIP DUCTILE IRON PIPE	RCP REINFORCED CONCRETE PIPE
DWG DRAWING	RED REDUCER
ELEV ELEVATION	REINF REINFORCEMENT
ELEC ELECTRICAL	REQ'D REQUIRED
ES&PC EROSION, SEDIMENTATION, AND POLLUTION CONTROL	S/W SIDEWALK
EXIST EXISTING	SAN SANITARY SEWER (GRAVITY)
FH FIRE HYDRANT	SHT SHEET
G NATURAL GAS	SS SANITARY SEWER
GM GATE METER	SSMH SANITARY SEWER MANHOLE
GV GATE VALVE	STA STATION
HORZ HORIZONTAL	TD TRENCH DRAIN
HW HEADWALL	TYP TYPICAL
INV INVERT ELEVATION	VC VERTICAL CURVE
IPF IRON PIN FOUND	VCP VITRIFIED CLAY PIPE
IPS IRON PIN SET	VERT VERTICAL
JB JUNCTION BOX	W DOMESTIC WATER
LF LINEAR FEET	W/ WITH
LP LIGHT POLE	WM WATER METER

NOTE TO CONTRACTOR AND PUBLIC WORKS INSPECTOR:

SOME NOTES INCLUDED HEREIN ARE PROVIDED FOR PERMITTING PURPOSES AS REQUIRED BY THE DEPARTMENT OF ENVIRONMENT AND COMMUNITY DEVELOPMENT. ITEMS THAT DO NOT APPLY TO THIS PROJECT ARE PROVIDED FOR INFORMATIONAL USE ONLY. ANY DISCREPANCIES BETWEEN THE NOTES IN THIS PLAN SET AND THE CONTRACT DOCUMENTS SHALL BE REFERRED TO THE ENGINEER FOR CLARIFICATION.

GENERAL NOTES

- PROJECT: MID BROADWELL SANITARY SEWER PETITION LAND LOTS 1134, 1171, & 1172 2nd DISTRICT, 2nd SECTION ALPHARETTA, GEORGIA CURRENT ZONING - R15: SINGLE FAMILY DETACHED RESIDENTIAL
- OWNER: FULTON COUNTY DEPARTMENT OF PUBLIC WORKS CONTACT: MR. RAY WOOTEN JR., P.E. 141 PRYOR STREET, SW, SUITE 6001 ATLANTA, GEORGIA 30303 PHONE: 404-730-7400
- CIVIL ENGINEER: PRIME ENGINEERING, INCORPORATED CONTACT: MR. ANDY SEDDON, P.E. 1888 EMERY STREET, NW, SUITE 300 ATLANTA, GEORGIA 30318 PHONE: 404-425-7100
- SURVEY: THE BOUNDARY, TOPOGRAPHIC & TREE SURVEY FOR THIS PROJECT WAS FURNISHED AND PREPARED BY PRIME ENGINEERING, INCORPORATED, DATED DECEMBER 18, 2006. PROJECT BENCHMARK IS TOP OF FIRE HYDRANT LOCATED AT INTERSECTION OF MID BROADWELL ROAD AND CHARLOTTE DRIVE, ELEV. = 1112.67.
- TOTAL ACREAGE OF THE SITE IS 0.95 ACRES. DISTURBED AREA ASSOCIATED WITH CONSTRUCTION IS 0.18 ACRES.
- ALL CONSTRUCTION MUST CONFORM TO ANY FEDERAL, STATE, OR LOCAL CODES.
- ALL MATERIALS AND CONSTRUCTION METHODS TO BE IN ACCORDANCE WITH CITY OF ALPHARETTA STANDARDS, FULTON COUNTY UTILITIES AND THE GEORGIA DEPARTMENT OF TRANSPORTATION, AS APPLICABLE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND LICENSES AND SHALL BE RESPONSIBLE FOR ALL FEES INVOLVED WITH OBTAINING PERMITS.
- DIMENSIONS AND ELEVATIONS SHOULD BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- SILT BARRIERS SHALL BE PLACED PRIOR TO GRADING. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR. ADDITIONAL EROSION CONTROL MEASURES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A MARKED-UP SET OF DESIGN DRAWINGS SHOWING ALL "AS-BUILT" CONDITIONS. THESE "RECORD DRAWINGS" SHALL BE MADE AVAILABLE TO THE OWNER AND/OR THE COUNTY INSPECTOR UPON REQUEST. THE MARKUPS SHALL BE AT THE SITE AT ALL TIMES AND SHALL BE UTILIZED BY THE CONTRACTOR TO DEVELOP FINAL RECORD DRAWINGS.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING RECORD DRAWINGS AND AS-BUILT CERTIFICATIONS TO THE ENGINEER FOR PROCESSING WHEN THE PROJECT IS COMPLETED.
- THIS SITE CAN BE USED SAFELY AND FOR BUILDING PURPOSES WITHOUT UNDUE DANGER FROM FLOOD OR ADVERSE SOIL OR FOUNDATION CONDITIONS.
- NO IMPACTS ON FLOOD PLAINS OR RIVERINE AREAS ARE ANTICIPATED.
- NO IMPACTS TO GROUNDWATER AND SURFACE WATER ARE ANTICIPATED.
- CONTRACTOR WILL FILE A NOTICE OF INTENT AT LEAST 14 DAYS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL TELEPHONE TOLL FREE 1-800-282-7411 A MINIMUM OF 48 HOURS PRIOR TO THE START OF ANY EXCAVATION AS SHOWN AND NOTED ON THE PLANS FOR A UTILITY LOCATION SERVICE.
- THE OWNER SHALL ENTER ALL NECESSARY CONTRACTS WITH THE DEPARTMENT OF PUBLIC UTILITIES FOR CONNECTIONS TO PUBLIC WATER AND SEWER.
- THE DIRECTOR OF THE DEPARTMENT OF PUBLIC UTILITIES SHALL APPROVE THE PLAN OF DEVELOPMENT FOR CONSTRUCTION OF PUBLIC WATER AND SEWER, PRIOR TO BEGINNING ANY CONSTRUCTION OF THESE UTILITIES.
- NOTIFY FULTON COUNTY INSPECTOR 24 HOURS PRIOR TO CONSTRUCTION.
- STUMPS AND CONSTRUCTION DEBRIS SHALL BE DEPOSITED IN A PROPERLY PERMITTED LANDFILL. NO BURY PITS ARE ALLOWED ON THIS SITE.
- NO ASBESTOS, HAZARDOUS WASTE OR OTHER HAZARDOUS MATERIALS ARE KNOWN TO EXIST ON THIS SITE. SHOULD ASBESTOS, HAZARDOUS WASTE OR OTHER HAZARDOUS MATERIAL BE ENCOUNTERED DURING THE COURSE OF THIS WORK, IMMEDIATELY NOTIFY THE OWNER WHERE APPROPRIATE ACTIONS AND SAFEGUARDS MAY BE IMPLEMENTED.
- NECESSARY BARRICADES, SUFFICIENT LIGHTS, SIGNS AND OTHER TRAFFIC CONTROL METHODS AS MAY BE NECESSARY FOR THE PROTECTION AND SAFETY OF THE PUBLIC SHALL BE PROVIDED AND MAINTAINED THROUGHOUT THE WIDENING OF AND CONSTRUCTION FULTON COUNTY ROADS.
- LIMIT CONSTRUCTION HOURS TO MONDAY THROUGH FRIDAY FROM 9:00 A.M. TO 4:00 P.M. AND ON SATURDAYS FROM 9:00 A.M. TO 2:00 P.M. THERE WILL BE NO CONSTRUCTION ON SUNDAYS. ROADWAYS SHALL BE CLEARED AND OPENED TO TRAFFIC AT 4:00 PM MONDAY THROUGH FRIDAY.
- THE PURPOSE OF THIS SITE PLAN IS TO PROVIDE CONSTRUCTION DOCUMENTS FOR A SANITARY SEWER SYSTEM EXTENSION.OFF-STREET PARKING SHALL BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION.
- OFF-STREET PARKING SHALL BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION.

Certification:

- "I certify that the permittee's erosion, sedimentation and pollution control plan provides for an appropriate and comprehensive system of best management practices required by the Georgia Water Quality Control Act and the document 'manual for Erosion and Sediment control in Georgia', published by the State Soil and Water Conservation Commission as Of January 1 of the year in which the land disturbing activity was permitted, provides for the sampling of the receiving water(s) or the sampling of the storm water outfalls and the designed system of Best Management Practices and sampling methods is expected to meet the requirements contained in the General NPDES Permit NO. Gar 100001."
- "I certify under penalty of law that this plan was prepared after a site visit to the locations described herein by myself or my authorized agent, under my direct supervision."

Name Andy Seddon License No. PE030852

PRIME ENGINEERING
INCORPORATED

1888 EMERY STREET, N.W., SUITE 300
ATLANTA, GEORGIA 30318
404-425-7100

PROJECT:
MID BROADWELL PETITION SEWER

PREPARED FOR:
FULTON COUNTY DEPARTMENT OF PUBLIC WORKS

REVISIONS	NO.	DATE	DESCRIPTION
	0	03/07/07	CONSTRUCTION DOCUMENTS



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DRAWING TITLE
LEGEND, ABBREVIATIONS, & GENERAL NOTES

DRAWING DATE	DRAWN BY	DESIGNED BY	CHECKED BY
03/07/2007	JLS	AJS	RRM
DRAWING SCALE	PROJECT NUMBER	DRAWING NUMBER	
NOT TO SCALE	06-2015-009	C-001	

NOT ISSUED FOR CONSTRUCTION

RI_V2015-009 Mid Broadwell Petition_Smear_Vmg_0002-2015-009.dwg Wed, 03/07/07 4:16 PM

FULTON COUNTY NOTES **WASTEWATER NOTES** **CONSTRUCTION NOTES**

- 1. ALL CONSTRUCTION MUST CONFORM TO FULTON COUNTY AND CITY OF ALPHARETTA STANDARDS AND SPECIFICATIONS, AS APPLICABLE, WHETHER OR NOT REVIEW COMMENTS ARE MADE.
- 2. AS-BUILT DRAWINGS OF ROADWAYS, STORM DRAINS, SEWERS, AND WATER MAINS ARE TO BE APPROVED BY THE COUNTY INSPECTOR, AND ALL APPLICABLE BONDS REQUIRED PRIOR TO ACCEPTANCE AND APPROVAL.
- 3. PRIOR TO ACCEPTANCE AND APPROVAL OF ANY ASPHALT CONCRETE BINDER AND/OR TOPPING WHICH IS INSTALLED FOR THE PURPOSE OF FULTON COUNTY MAINTENANCE, A REPRESENTATIVE FROM THE DEPARTMENT OF PUBLIC WORKS MAY REQUIRE ONE OR ALL OF THE FOLLOWING TESTS: 1. CORING 2. EXTRACTION 3. COMPACTION 4. DENSITY. THE FREQUENCY AND LOCATION OF THESE SITES WILL BE LEFT TO THE DISCRETION OF THE FULTON COUNTY INSPECTOR.
- 4. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN OFF-STREET PARKING FOR ITS CREW AND FOR COUNTY REPRESENTATIVES THROUGHOUT THE CONSTRUCTION.
- 5. ALL FILL AREAS MUST BE COMPACTED TO MINIMUM OF 95% STANDARD PROCTOR. A REPORT FROM A GEOTECHNICAL ENGINEER MAY BE REQUIRED BY THE INSPECTOR FOR ALL FILL AREAS WITHIN THE RIGHT OF WAY.
- 6. ALL SILT BARRIERS MUST BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL BE DONE UNTIL SILT BARRIER INSTALLATION IS COMPLETED.
- 7. SILT BARRIERS TO BE PLACED AS SHOWN AND/OR AS DIRECTED BY THE PROJECT ENGINEER AND/OR FULTON COUNTY INSPECTOR. NOTIFY INSPECTOR 24 HOURS PRIOR TO CONSTRUCTION.
- 8. THIS PROJECT TO BE SERVED BY PUBLIC GRAVITY SEWER. ALL SEWERS MUST BE GRAVITY FED, UNLESS SPECIFICALLY APPROVED BY THE FULTON COUNTY DEPARTMENT OF PUBLIC WORKS.
- 9. THE PROPERTY SHALL BE REFERENCED TO AN EXISTING FULTON COUNTY GIS MONUMENT FROM A POINT ON THE PROPERTY, AND SHALL BE SHOWN ON THE FINAL PLAT.
- 10. THE SITE IS NOT IN THE 100 YEAR F.E.M.A. FLOODPLAIN, AS PER FULTON COUNTY COMMUNITY F.I.R.M.
- 11. ALL EROSION AND SEDIMENTATION CONTROLS AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO GRADING.
- 12. SIGNING AND STRIPING TO BE PROVIDED BY THE DEVELOPER ACCORDING TO FULTON COUNTY SPECIFICATIONS.
- 13. DEVELOPMENT SERVICES PERMITTING DISCLAIMER: THE APPROVAL OF THESE PLANS AND THE ISSUANCE OF THIS LAND DISTURBANCE PERMIT DOES NOT IN ANY WAY SUGGEST THAT ALL OTHER REQUIREMENTS FOR THE LEGAL OR APPROPRIATE OPERATION FOR THIS ACTIVITY, WHICH MAY REQUIRE ADDITIONAL PERMITTING, HAVE BEEN MET. THE ONUS IS ON THE OWNER/DEVELOPER/BUILDER TO DISCOVER WHAT ADDITIONAL PERMITTING OR APPROVALS MAY BE NECESSARY TO OPERATE FROM THIS POINT IN AN APPROPRIATE AND LEGAL MANNER. PLAN APPROVAL OR PERMIT ISSUANCE DOES NOT RESOLVE THE APPLICANT FROM COMPLYING WITH ALL APPLICABLE LAWS, POLICIES, STANDARDS, OR OTHER PERMITS WHICH MAY BE REQUIRED FOR THIS PROJECT.
- 14. A STATE OF GEORGIA P.E. HAS VISITED THE PROPOSED SITE.
- 15. CONTRACTOR MUST ATTEND CITY OF ALPHARETTA/ROSWELL PRE-CONSTRUCTION CLASS PRIOR TO SITE INITIATION.

- 1. ALL WASTEWATER PIPE CONSTRUCTION SHOWN ON THESE PLANS MUST CONFORM TO FULTON COUNTY STANDARDS AND SPECIFICATIONS INCLUDING THE SANITARY SEWER REGULATIONS.
- 2. ALL WASTEWATER EASEMENTS MUST BE DRESSED AND GRASSED TO CONTROL EROSION PRIOR TO ACCEPTANCE. TREES SHALL NOT BE PLANTED IN THE PERMANENT EASEMENT AREA.
- 3. AS-BUILT DRAWINGS AND MAINTENANCE BOND(S) MUST BE SUBMITTED PRIOR TO INSPECTION ACCEPTANCE.
- 4. NEOPRENE COUPLINGS WITH STAINLESS STEEL BONDS AND SHEAR RINGS ARE REQUIRED FOR JOINING DIFFERENT TYPES OF SANITARY SEWER PIPES.
- 5. LOW PRESSURE AIR TESTING IS REQUIRED FOR ALL WASTEWATER PIPE SYSTEMS. THIS TEST MUST MEET ALL REQUIREMENTS AS OUTLINED IN ASTM C-828-80 OR CURRENT REVISION. A FULTON COUNTY INSPECTOR MUST BE PRESENT DURING TESTING.
- 6. COMPACTION OF BACKFILL MATERIAL OF ALL TRENCHES SHALL BE COMPACTED TO 90% OF THE STANDARD PROCTOR DENSITY. BACKFILL MATERIAL SHALL BE FREE FROM ROOTS, STUMPS, OR OTHER FOREIGN DEBRIS AND SHALL BE PLACED AT OR NEAR OPTIMUM MOISTURE. CORRECTION OF ANY TRENCH SETTLEMENT WITHIN A YEAR FROM THE DATE OF APPROVAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 7. CONTRACTOR SHALL FIELD VERIFY LOCATION AND INVERT OF WASTEWATER PIPES FOR CONNECTION TO EXISTING WASTEWATER SYSTEMS.
- 8. WASTEWATER PIPES CROSSING CREEKS OR CHANNELS SHALL PROVIDE A 4 FEET MINIMUM COVER BELOW INVERT OF WATERWAY.
- 9. EIGHT INCH (8 IN) OR LARGER PIPE LINES SHALL BE TV INSPECTED. A VHS TAPE AND WRITTEN INSPECTION LOG CERTIFIED BY A GEORGIA REGISTERED ENGINEER SHALL BE PROVIDED WHEN AS-BUILT DRAWINGS ARE SUBMITTED.
- 10. ALL WASTEWATER PIPE IN THIS PROJECT SHALL BE DUCTILE IRON PIPE (DIP).
- 11. POOLS SHALL NOT BE DRAINED INTO WASTEWATER PIPE SYSTEMS.
- 12. ISSUANCE OF THIS PERMIT DOES NOT IN ANY WAY IMPLY THAT WASTEWATER TAPS FOR BUILDING PERMITS WILL BE ISSUED. CONTACT THE DEPARTMENT OF PUBLIC WORKS AT (404) 730-7400 FOR FURTHER INFORMATION.
- 13. FOR ALL PROJECTS UTILIZING INDIVIDUAL ONSITE WASTEWATER SYSTEMS, DESIGN AND PROVISION SHALL BE IN CONFORMANCE WITH FULTON COUNTY HEALTH DEPARTMENT REGULATIONS.
- 14. MAXIMUM DISTANCE BETWEEN MANHOLES IS 400 FEET.
- 15. USF 7635 BOX REQUIRED FOR CLEANOUT AND PAVED AREAS.
- 16. SANITARY SEWER LATERALS SHOULD BE MARKED WITH 4"x4" POST WITH MINIMUM 4' ABOVE GROUND. THE TOP 1' SHOULD BE PAINTED GREEN. EACH LATERAL IS TO BE BROUGHT TO THE GROUND SURFACE IN ACCORDANCE WITH FULTON COUNTY STANDARD 909.
- 17. NOTIFY FULTON COUNTY INSPECTOR 24 HOURS PRIOR TO CONSTRUCTION.

- 1. AT LEAST ONE LANE OF MID BROADWELL ROAD AND CHARLOTTE DRIVE SHALL REMAIN OPEN TO TRAFFIC AT ALL TIMES DURING CONSTRUCTION. BY THE END OF EACH WORK DAY AT 4:00 PM ROADWAY SHALL BE REOPENED TO TWO LANES.
- 2. RESTORATION OF DISTURBED PAVEMENT ALONG MID BROADWELL ROAD AND CHARLOTTE DRIVE SHALL BE DONE IN ACCORDANCE WITH THE CITY OF ALPHARETTA STANDARDS.
- 3. CONTRACTOR SHALL MAINTAIN TRAFFIC ACCESS TO ALL AFFECTED RESIDENTS AT ALL TIMES DURING CONSTRUCTION.
- 4. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE LOCATION OF EXISTING UTILITIES SHOWN ON THE DRAWINGS ARE ONLY APPROXIMATE. CONTRACTOR SHALL VERIFY THE EXACT LOCATION.
- 5. INSTALLATION OF SERVICE LATERALS SHALL BE IN ACCORDANCE WITH FULTON COUNTY STANDARD DETAIL NUMBERS 652-A, 654, AND 909. CONTRACTOR SHALL INSTALL SERVICE LATERALS FOR RESIDENCES AS SHOWN ON THE DRAWINGS UP TO THE RIGHT OF WAY OR PROPERTY LINES. THE PROPERTY OWNER SHALL BE RESPONSIBLE IN CONNECTING AND EXTENDING THE LINE TO THE HOUSE. ALL PROPERTY OWNERS WITH EXISTING SEPTIC TANKS WHO WISH TO CONNECT TO THE NEW SANITARY SEWER SHALL ABANDON THEIR SEPTIC TANKS IN ACCORDANCE WITH FULTON COUNTY HEALTH DEPARTMENT REGULATIONS. PROPERTY OWNERS MAY CALL (404) 730-1301 FOR MORE INFORMATION. THIS NOTE IS PROVIDED FOR GENERAL INFORMATION ONLY.
- 6. CONTRACTOR SHALL PROTECT STREET INLETS FROM SILTATION BY PROVIDING "PIGS IN A BLANKET" AROUND OPENINGS, OR BY ANY OTHER APPROPRIATE MEANS.
- 7. CONTRACTOR SHALL RESTORE ALL AFFECTED AREAS TO PRE-CONSTRUCTION CONDITION; THIS INCLUDES BUT NOT LIMITED TO REMOVING ALL CONSTRUCTION DEBRIS, RESTORING THE ORIGINAL GRADE, GRASSING, REPLACING OR REPAIRING DRIVEWAYS, MAIL BOXES, POLES, FENCES, ETC. THAT MAY BE DISLOCATED OR DAMAGED. ANY AFFECTED LANDSCAPE SHALL BE RESTORED WITH ORIGINAL MATERIAL.
- 8. CONTRACTOR SHALL NOTIFY COUNTY ENGINEER OR INSPECTOR IN ADVANCE OF ANY UTILITY DISCONNECTIONS. CONTRACTOR IS RESPONSIBLE FOR RECONNECTING ALL UTILITIES. THERE WILL BE NO OVERNIGHT CONNECTIONS.
- 9. CONTRACTOR SHALL SAW CUT EXISTING ASPHALT PAVEMENT PRIOR TO BREAKING AND EXCAVATION. LARGE PIECES OF BROKEN ASPHALT OR CONCRETE SHALL NOT BE USED FOR BACKFILLING.
- 10. ALL STAGING AREAS SHALL BE WITHIN THE RIGHT-OF-WAY ALONG MID BROADWELL ROAD OR CHARLOTTE DRIVE. NO CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE PLACED OUTSIDE THE RIGHT-OF-WAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND PROTECTION OF EQUIPMENT AND MATERIALS, AND PRODUCTS PLACED IN STORAGE. THE CONTRACTOR SHALL PROVIDE SAFETY FENCING AROUND THE STAGING AREA TO PROTECT PASSING MOTORISTS AND PEDESTRIANS. THE CONTRACTOR SHALL ALSO PRESERVE AND PROTECT EXISTING TREES AND PLANTS THAT MIGHT BE AFFECTED. THE CONTRACTOR SHALL BE REQUIRED TO TAKE NECESSARY STEPS TO MINIMIZE SILTATION AND SOIL EROSION IN THE AREA. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING RIGHT-OF-WAY.
- 11. AT THE END OF EACH DAY'S OPERATION, THE CONTRACTOR SHALL THOROUGHLY CLEAN THE WORK SITE OF ALL DIRT OR DEBRIS AND GENERALLY RESTORE THE SITE TO AN ACCEPTABLE CONDITION. UPON COMPLETION OF THE WORK, ALL EXCESS MATERIALS AND RUBBISH SHALL BE REMOVED FROM THE JOB SITE AND BE DISPOSED OF. THE SURROUNDING CONSTRUCTION AREA SHALL BE LEFT IN A CONDITION AS GOOD AS THE EXISTING CONDITIONS PRIOR TO CONSTRUCTION.

ALPHARETTA NOTES

- 1. APPROVED PLANS AND NPDES DAILY LOG MUST BE ON SITE AT ALL TIMES.
- 2. ALL AREAS TO RECEIVE STRUCTURAL FILL TO BE CLEARED, STRIPPED AND FREE OF TOPSOIL, ROOTS, STUMPS, AND ALL DELETERIOUS MATERIAL. STRUCTURAL FILL TO BE CLEAN FROM ORGANICS AND ALL OTHER DELETERIOUS MATERIAL. FILL TO BE PLACED IN MAXIMUM 8-IN LIFTS AND COMPACTED TO AT LEAST 95% STANDARD PROCTOR MAXIMUM DENSITY AND TO WITHIN 3% +/- OF THE OPTIMUM MOISTURE CONTENT, UNLESS OTHERWISE SPECIFIED IN THE PROJECT GEOTECHNICAL REPORT OR BY THE PROJECT GEOTECHNICAL ENGINEER. ALL FILL SOIL TO BE PLACED UNDER THE OBSERVATION OF THE PROJECT GEOTECHNICAL ENGINEER. DOCUMENTATION OF COMPACTION TESTING SHALL BE PROVIDED TO THE LAND DISTURBANCE ACTIVITY INSPECTOR FOR ALL ROADWAY CONSTRUCTION IN THE RIGHT-OF-WAY (INCLUDING DECELERATION LANE). CONTACT THE LAND DISTURBANCE ACTIVITY INSPECTOR PRIOR TO CONSTRUCTION FOR FURTHER TESTING REQUIREMENTS.
- 3. ALL DISTURBED AREAS MUST BE VEGETATED WITHIN 14 DAYS OF FINAL GRADE.
- 4. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITIES.
- 5. 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.
- 6. THE CONTRACTOR SHALL REMOVE SEDIMENT ONCE IT HAS ACCUMULATED TO ONE-HALF THE ORIGINAL HEIGHT OF THE SILT FENCE USED FOR EROSION CONTROL.
- 7. ANY DISTURBED AREA LEFT EXPOSED FOR 14 DAYS SHALL BE TEMPORARILY STABILIZED WITH SEED AND MULCH.
- 8. ALL SILT FENCE SHALL BE TYPE "C".
- 9. THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO THE PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH STONE AS CONDITIONS DEMAND. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES OR SITE ONTO ROADWAY OR INTO STORM DRAIN SYSTEM MUST BE REMOVED IMMEDIATELY BY SWEEPING.
- 10. CONTRACTOR SHALL MILL AND OVERLAY ALL AFFECTED ROADWAY IN ACCORDANCE WITH GDOT STANDARDS AND SPECIFICATIONS.
- 11. LIMIT CONSTRUCTION HOURS TO MONDAY THROUGH FRIDAY FROM 9:00 A.M. TO 4:00 P.M. AND ON SATURDAYS FROM 9:00 A.M. TO 2:00 P.M. THERE WILL BE NO CONSTRUCTION ON SUNDAYS. ROADWAYS SHALL BE CLEARED AND OPENED TO TRAFFIC AT 4:00 PM MONDAY THROUGH FRIDAY.
- 12. MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 13. THIS SITE DOES CONTAIN STATE WATERS BUT DOES NOT CONTAIN WETLANDS.
- 14. TWO COPIES OF THE NPDES NOTICE OF INTENT MUST BE PROVIDED TO THE LAND DISTURBANCE INSPECTOR PRIOR TO INITIATING CONSTRUCTION.
- 15. FAILURE OF THE CONTRACTOR TO PERFORM THE PRESCRIBED EROSION CONTROL PRACTICES SHALL RESULT IN THE IMMEDIATE ISSUANCE OF A STOP WORK ORDER FOR THE PROJECT SITE, PURSUANT TO SECTION 5-103(B) OF THE CITY CODE.

LANDSCAPING NOTES

- 1. PROVISIONS FOR TREE PROTECTION ON THE SITE SHALL BE AS A MINIMUM IN CONFORMANCE WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE FULTON COUNTY TREE PRESERVATION ORDINANCE AND ADMINISTRATIVE GUIDELINES PERTAINING TO TREE PROTECTION.
- 2. CONTACT THE DEPARTMENT OF ENVIRONMENT AND COMMUNITY DEVELOPMENT AT (404) 730-7531 OR 7532 TO ARRANGE A PRECONSTRUCTION MEETING WITH THE COUNTY ARBORIST PRIOR TO ANY LAND DISTURBANCE.
- 3. ALL TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO GRADING.
- 4. DISTURBED AREA STABILIZATION (WITH MULCHING ONLY) (DS1), TEMPORARY SEEDING (DS2), & PERMANENT VEGETATION (DS3) SHALL BE IMPLEMENTED IN ALL DISTURBED AREAS.
- 5. UNDISTURBED BUFFERS SHALL BE REPLANTED TO BUFFER STANDARDS WHERE SPARSELY VEGETATED OR WHERE DISTURBED AT APPROVED UTILITY CROSSINGS. REPLANTING IS SUBJECT TO COUNTY ARBORIST APPROVAL.
- 6. ALL LANDSCAPING FOR EACH PHASE SHALL BE COMPLETED PRIOR TO THE RECORDING OF THE FINAL PLAT FOR THAT PHASE, PRIOR TO THE ISSUANCE OF CERTIFICATE OF OCCUPANCY FOR THAT PHASE, OR PRIOR TO CONNECTION OF PERMANENT POWER FOR THAT PHASE.
- 7. CONTACT THE DEPARTMENT OF ENVIRONMENT & COMMUNITY DEVELOPMENT AT (404) 730-7532 OR (404) 730-7532 FOR SITE INSPECTION UPON COMPLETION OF LANDSCAPE INSTALLATION.
- 8. IF THE LANDSCAPE DESIGN OR PLANT MATERIAL ARE CHANGED IN ANY WAY FROM THE FULTON COUNTY PERMITTED PLAN, CONTRACTOR SHALL SUBMIT 2 SETS OF REVISED PLANS TO THE FULTON COUNTY ARBORIST'S OFFICE FOR APPROVAL PRIOR TO ANY LANDSCAPE INSTALLATION.

TRAFFIC CONTROL NOTES

- 1. SIGNING, STRIPPING, MARKING, AND HIGH LEVEL WARNING DEVICES ARE TO BE PLACED AS SHOWN AND/OR DIRECTED BY THE CITY OF ALPHARETTA TRAFFIC ENGINEER OR CITY INSPECTOR. THIS TRAFFIC CONTROL PLAN IS SUBJECT TO CHANGE BY THE TRAFFIC ENGINEER.
- 2. ALL SIGNS AND WARNING DEVICES SHALL BE EITHER TYPE I BARRICADES OR DRUMS WITH WARNING LIGHTS ON EVERY OTHER DEVICE, AND SHALL CONFORM WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND CITY STANDARDS FOR COLOR, SIZE, REFLECTIVITY, HEIGHT, AND PLACEMENT. ALL SIGNS MUST BE INSTALLED CONCURRENTLY WITH THE PERFORMANCE OF THE STRIPING WORK.
- 3. SPACING OF WARNING DEVICES IN FEET SHALL BE EQUAL TO THE POSTED SPEED OF THE ROAD IN MPH (I.E. 25 FEET SPACING FOR 25 MPH SPEED LIMITS).
- 4. STRIPING (WHITE AND YELLOW) AND ARROW MARKINGS SHALL BE APPLIED USING GEORGIA DOT STANDARD THERMOPLASTIC PER MUTCD.
- 5. WHEN NECESSARY, EXISTING STRIPING SHALL BE REMOVED BY GRINDINGS, UNLESS SPECIFIED BY THE FULTON COUNTY TRAFFIC ENGINEER.
- 6. ALL TRAFFIC CONTROL SHALL MEET MUTCD STANDARDS.
- 7. CONTRACT THE CITY OF ALPHARETTA TRAFFIC ENGINEER AT (678) 297-6200 ONE WEEK PRIOR TO COMMENCEMENT OF ANY STRIPING WORK.
- 8. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING TRAFFIC CONTROL FOR THE DURATION OF THE PROJECT. CONTRACTOR'S PLAN FOR TRAFFIC CONTROL MUST BE APPROVED BY THE COUNTY BEFORE COMMENCEMENT OF ANY CONSTRUCTION.
- 9. WARNING DEVICES SHALL BE PLACED PRIOR TO COMMENCEMENT OF ANY WORK ON COUNTY ROADS AND SHALL REMAIN IN PLACE UNTIL THE COMPLETION OF SIGNING AND STRIPING WORK.

PRIME ENGINEERING INCORPORATED
1888 EMERY STREET, N.W., SUITE 300
ATLANTA, GEORGIA 30318
404-425-7100

PROJECT: **MID BROADWELL PETITION SEWER**
PREPARED FOR: **FULTON COUNTY DEPARTMENT OF PUBLIC WORKS**

NO.	DATE	DESCRIPTION
0	03/07/07	CONSTRUCTION DOCUMENTS

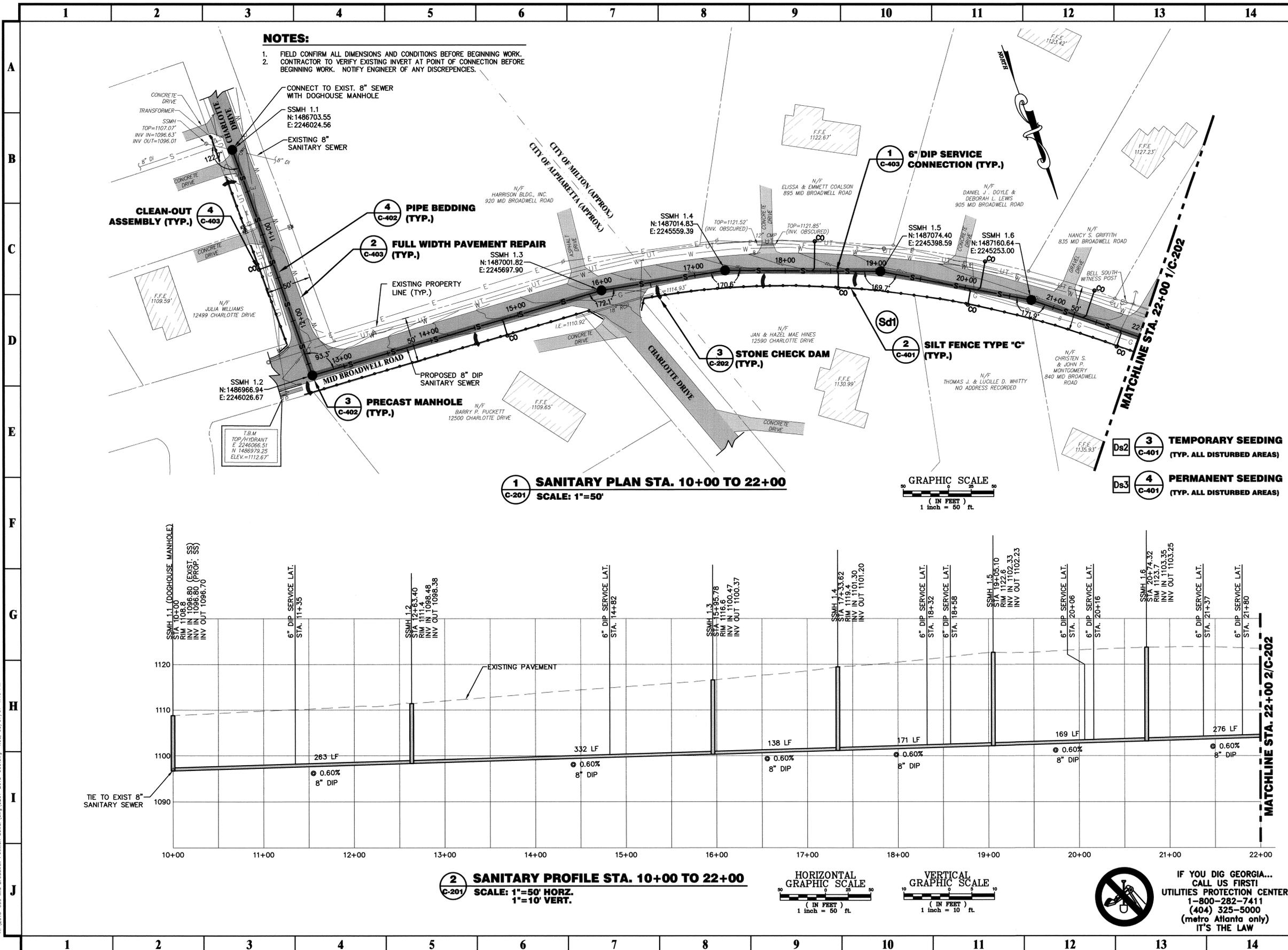
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NOTES

DRAWING DATE: 03/07/2007
DRAWING SCALE: NOT TO SCALE
PROJECT NUMBER: 06-2015-009
DRAWING NUMBER: C-002
DRAWN BY: JLS
DESIGNED BY: AJS
CHECKED BY: RRM
NOT ISSUED FOR CONSTRUCTION

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PRIME ENGINEERING

INCORPORATED

1885 EMERY STREET, N.W., SUITE 300
ATLANTA, GEORGIA 30318
404-425-7100

PROJECT: MID BROADWELL PETITION SEWER

PREPARED FOR: FULTON COUNTY DEPARTMENT OF PUBLIC WORKS

REVISIONS	NO.	DATE	DESCRIPTION
	0	03/07/07	CONSTRUCTION DOCUMENTS

DATE: 03/07/2007

DRAWING TITLE: SANITARY PLAN & PROFILE STA. 10+00 TO 22+00

DRAWING DATE: 03/07/2007	DRAWN BY: JLS
DRAWING SCALE AS SHOWN:	DESIGNED BY: AJS
PROJECT NUMBER: 06-2015-009	CHECKED BY: RRM
DRAWING NUMBER: C-201	

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