

WATER & SEWER GENERAL NOTES:

- 1) CONTRACTOR SHALL NOTIFY CITY AND GDOT ENGINEER 24 HOURS PRIOR TO EACH PHASE OF CONSTRUCTION.
- 2) CONTRACTOR SHALL NOTIFY ALL UTILITY CUSTOMERS AT LEAST 48 HOURS PRIOR TO SERVICE INTERRUPTION FOR THE CONSTRUCTION OF WATER AND SEWER IMPROVEMENTS. CONTRACTOR SHALL MAKE EVERY REASONABLE EFFORT TO MINIMIZE SERVICE INTERRUPTION.
- 3) PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS INCLUDING UTILITIES (INVERTS, LOCATION, CONNECTIONS, MATERIALS, ETC) AND DIMENSIONS WITHIN THE LIMITS OF WORK.
- 4) ALL WATER AND SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST CITY OF HINESVILLE AND GDOT STANDARDS AND SPECIFICATIONS AS WELL AS ALL SPECIAL PROVISIONS.
- 5) CITY OF HINESVILLE SPECIFICATIONS MAY BE OBTAINED AT: WWW.CITYOFHINESVILLE.ORG
- 6) CONTRACTOR MUST PROVIDED PROOF OF A CURRENT GEORGIA UTILITY CONTRACTOR'S LICENSE AND MUST BE A GDOT APPROVED QUALIFIED CONTRACTOR PRIOR TO BEGINNING ANY WORK ON CITY WATER OR SEWER LINES.
- 7) ALL MANHOLE TOPS OUTSIDE OF PAVEMENT SHALL BE SET 2" ABOVE FINAL GRADE WITH FILL SLOPING AWAY FROM MANHOLE CASTING.
- 8) THE NEW WATER, SEWER AND NPRL MAINS MUST BE COMPLETED, IN THEIR ENTIRETY, TESTED, DISINFECTED WHEN REQUIRED, AND ACCEPTED BY THE CITY OF HINESVILLE PRIOR TO PLACING IN SERVICE.
- 9) ALL SEWER MAINS MUST BE VIDEO INSPECTED PRIOR TO BEING PLACED IN SERVICE. THE VIDEO INSPECTION WILL BE CONDUCTED BY OMI UTILIZING THE CITY OF HINESVILLE VIDEO EQUIPMENT AT NO CHARGE TO THE CONTRACTOR. THE CONTRACTOR THROUGH THE PROJECT MANAGER MUST SCHEDULE AND COORDINATE THE VIDEO INSPECTION WITH OMI, THE CITY'S PUBLIC WORKS CONTRACTOR, PRIOR TO ACCEPTANCE BY THE CITY OF HINESVILLE OR GDOT.
- 10) ALL SEWER MAINS MUST BE CHECKED FOR PROPER GRADE PRIOR TO BEING PLACED IN SERVICE.
- 11) ALL MANHOLES SHALL BE INSPECTED AND MUST BE WATER TIGHT PRIOR TO ACCEPTANCE.
- 12) NO WATER PRESSURE RELIEVE MECHANISM SHALL BE CONNECTED TO ANY MANHOLE AT ANY TIME DURING THE CONSTRUCTION PERIOD.
- 13) ALL MANHOLES REQUIRING PVC LINING SHALL BE CAST WITH THE PVC LINER BEING AN INTEGRAL PART OF THE STRUCTURE AND ALL CONCRETE EXPOSED SHALL BE COVERED WITH PVC LINER TO MATCH THE INITIAL MATERIAL IN ACCORDANCE WITH THE SPECIFICATIONS. NO FIELD APPLIED PAINTED COATING WILL BE ALLOWED.
- 14) DESIGN SEWER SLOPES ON THE PLANS MAY DEVIATE FROM THE MINIMUM SLOPE REQUIRED IN THE SPECIFICATIONS DUE TO AVAILABLE ELEVATION CHANGE AT CONNECTION POINTS. THE MINIMUM GRADES SHOWN IN THE SPECIFICATIONS SHALL APPLY TO ALL PIPES OTHER THAN THOSE SPECIFICALLY CALLED FOR ON THE PLANS. SLOPES SHOWN ON THE PLAN THAT ARE AT A FLATTER SLOPE THAN ALLOWED IN THE SPECIFICATION SHALL BE CONSIDERED MINIMUM WITH NO TOLERANCE FOR A LESSER SLOPE.
- 15) ALL CASED CROSSINGS HAVE A JACK & BORED LENGTH AND A BURIED CASING LENGTH. THE JACK & BORED LENGTH WILL CROSS BENEATH THE EXISTING ROADWAY WIDTH WITH THE BURIED CASING EXTENDING THE CASING LENGTH TO THE FULL WIDTH OF THE FUTURE ROADWAY WITH A MINIMUM OF 4' BEHIND THE PROPOSED CURB.
- 16) ALL FITTINGS WILL BE INSTALLED WITH THRUST BLOCKING AS SHOWN IN THE DETAIL AND MEG-A-LUG JOINT RESTRAINTS. JOINT RESTRAINT SYSTEMS ARE NOT AN ALLOWABLE SUBSTITUTE FOR THRUST BLOCKING. THRUST BLOCKING TO BE INCLUDED IN THE OVERALL BID PRICE OF WATER AND SEWER ITEMS. NO SEPARATE PAYMENT WILL BE MADE FOR THRUST BLOCKING.
- 17) ALL VALVE INSTALLATIONS SHALL INCLUDE AN IRON VALVE BOX WITH THE APPROPRIATE RISER AND CONCRETE COLLAR AT THE SURFACE AND MUST BE IN GOOD CONDITION AT THE END OF THE PROJECT. NO BURIED VALVES OR CROOKED VALVE BOXES WILL BE ACCEPTED.
- 18) WATER AND SEWER BEDDING TO BE INCLUDED IN THE OVERALL BID PRICE FOR WATER AND SEWER ITEMS. NO SEPARATE PAYMENT WILL BE MADE FOR BEDDING.
- 19) #57 STONE REQUIRED FOR MANHOLE INSTALLATION TO BE INCLUDED IN THE OVERALL BID PRICE FOR MANHOLES. NO SEPARATE PAYMENT WILL BE MADE FOR #57 STONE NECESSARY FOR MANHOLE INSTALLATION.
- 20) RECLAIMED WATER MARKERS AND SIGNS TO BE INCLUDED IN THE OVERALL BID PRICE FOR SANITARY SEWER ITEMS. NO SEPARATE PAYMENT WILL BE MADE FOR RECLAIMED MARKERS AND SIGNS.
- 21) PAYMENT FOR FIRE HYDRANT ASSEMBLIES INCLUDE HYDRANT, VALVE, LEAD, RISER, BLOCKING, RESTRAINTS, TIE TO MAIN, COMPLETE AND IN PLACE.
- 22) ALL ABANDONED PIPES 6" AND GREATER IN DIAMETER SHALL BE FILLED WITH FLOWABLE FILL. ANY PIPES THAT CONFLICT WITH FUTURE ROADWAY CONSTRUCTION MUST BE REMOVED. ALL SEWER MANHOLES, FIRE HYDRANTS AND VALVES MUST BE REMOVED.
- 23) ALL FIRE HYDRANTS AND VALVES SHOWN TO BE REMOVED SHALL BE SALVAGED. DELIVER SALVAGED MATERIAL TO: THE CITY OF HINESVILLE PUBLIC WORKS
613 E.G. MILES PKWY
HINESVILLE, GA 31313
- 24) PIPE MATERIAL FOR THE UTILITY MAIN WILL BE DUCTILE IRON PIPE WHERE ANY WATER MAINS, NPRL MAINS, SEWER FORCE MAINS OR GRAVITY SEWER CROSSES THE PROPOSED STORM DRAIN LINES WITH 24" OR LESS SEPARATION. THE DUCTILE IRON SHALL EXTEND 10' EITHER SIDE OF THE PROPOSED LOCATION OF THE FUTURE STORM PIPE.
- 25) DRAINAGE OF WATER FROM PIPES AT CONNECTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE WATER SHOULD BE REMOVED FROM THE WORK PIT BY PUMPING INTO THE STORM SEWER SYSTEM OR OUTFALL DRAINAGE CHANNELS. NO WATER SHALL BE PUMPED INTO THE SANITARY SEWER SYSTEM.



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REVISION DATES

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DEPARTMENT OF TRANSPORTATION
OFFICE: PROGRAM DELIVERY
UTILITY RELOCATION PLAN
GENERAL NOTES
For the City of Hinesville
S.R. 119 Liberty Co.

DRAWING NO.
44-029