

GENERAL NOTES:

- 1. THE SURVEY OF EXISTING FEATURES OF THE SUBJECT PROPERTY USED AS THE BASIS FOR DESIGN WAS PREPARED BY BARGE DESIGN SOLUTIONS DATED 06-04-19.
2. THE SITE ACREAGE IS 189.7 ACRES, THE DISTURBED AREA IS 2.7 ACRES, AND THE TOTAL PROPOSED IMPERVIOUS AREA IS 6,037 SF (0.14 ACRES). THE TOTAL NEW IMPERVIOUS AREA IS 2,110 SF.
3. EXISTING ELEVATIONS, CONTOURS AND BENCHMARKS (TBM) SHOWN ARE RELATIVE TO NAVD 88 DATUM.
4. THE CONTRACTOR WILL PROVIDE ALL CONSTRUCTION STAKING AND PROVIDE COPIES OF THE SAME, INCLUDING CUT SHEETS, IF REQUESTED. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL PROJECT CONTROL AND BENCHMARKS ESTABLISHED IN THE FIELD.
5. LOCATION OF EXISTING UTILITIES, PUBLIC OR PRIVATE, ARE APPROXIMATE ONLY. THEIR EXISTENCE AND UTILITIES THAT ARE VISIBLE (ABOVE GRADE AND OVERHEAD) AND RELATED EQUIPMENT AND APPURTENANCES (POLES, WIRES, VALVES, MANHOLES, ETC.) ARE SHOWN BY FIELD LOCATION. UNDERGROUND UTILITIES ARE NOT VISIBLE THEREFORE THEY ARE SHOWN BASED ON AVAILABLE AS-BUILT AND INVENTORY MAPS (IF ANY) FROM THE UTILITY OWNER AND FIELD LOCATION OF UTILITY TRACER MARKINGS AND PAINT (IF ANY) BY OTHERS. HOWEVER THESE PLANS MAKE NO WARRANTY OR GUARANTEE THAT ADDITIONAL UTILITIES, ACTIVE OR ABANDONED DO NOT EXIST AND WITHOUT VERIFICATION VIA EXCAVATION, THIS MAP'S REPRESENTATION OF THE UTILITIES MAY DIFFER FROM THE ACTUAL LOCATION.
6. EXTERIOR EROSION AND SEDIMENT CONTROL FACILITIES, AND TREE PRESERVATION MEASURES SHALL BE PLACED PRIOR TO THE START OF ON-SITE GRADING ACTIVITIES. SEE THE EROSION CONTROL PLAN NOTES, AND TREE PRESERVATION PLAN FOR REQUIREMENTS REGARDING EROSION AND SEDIMENT CONTROL AND TREE PRESERVATION MEASURES.
7. CONSIDERATION SHALL BE GIVEN AT ALL TIMES FOR SAFE TRAVEL OF ALL PEDESTRIAN AND VEHICULAR TRAFFIC THAT MAY OCCUR DURING CONSTRUCTION PERIOD.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING POSITIVE AND APPROPRIATE SLOPE TO DRAIN ALL WALKS AND SWALES, REGARDLESS OF WHETHER THE PLANS GRAPHICALLY PORTRAY OR INDICATE SLOPE. FINAL CONSTRUCTION SHALL NOT PERMIT PONDING OF WATER IN ANY

GRADING NOTES:

- 1. ALL PROPOSED CONTOURS REPRESENT PROPOSED FINISHED SURFACE GRADE AND ANY PROPOSED PROFILES AND/OR CROSS-SECTIONS REPRESENT THE SAME FINISHED SURFACE. CROSS SLOPES SHOWN IN ALL CROSS-SECTIONS ARE LABELED IN PERCENT (%), AND SIDESLOPES IN ALL CROSS-SECTIONS ARE SHOWN H:V (i.e., 4:1).
2. ALL PROPOSED GRADING SHALL BE CONSIDERED UNCLASSIFIED. IT IS UNDERSTOOD THAT ANY REFERENCE TO ROCK, EARTH, OR OTHER MATERIALS ON THE DRAWINGS IS NOT AN INDICATION OF CLASSIFIED EXCAVATION.
3. WHERE ROCK IS ENCOUNTERED REMOVE IT TO A DEPTH OF ONE FOOT BELOW FINAL SUB-GRADE WITH NO POINTS EXTENDING ABOVE THIS ELEVATION. LEAVE ROCK SURFACE SO NO WATER WILL BE POCKETED. NO ON-SITE BLASTING WILL BE PERMITTED, UNLESS APPROVED BY THE A/E.
4. COMPLETE ALL CLEARING AND GRUBBING OPERATIONS FOR EXCAVATION AREAS BEFORE STARTING EXCAVATION AND/OR EMBANKMENT OPERATIONS. DISTURB ONLY THOSE AREAS NECESSARY FOR THE CURRENT PHASE OF WORK. THE CONTRACTOR IS RESPONSIBLE FOR AND SHALL PROTECT ANY AND ALL EXISTING STRUCTURES, PIPES, CULVERTS, CONDUITS, WIRES OR OTHER ITEMS TO REMAIN. HE SHALL, AT HIS OWN EXPENSE, REPAIR OR REPLACE ANY DAMAGE THAT MAY RESULT FROM HIS OPERATIONS.
5. WHEN SPECIFIED GRADING REQUIREMENTS ARE NOT SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL GRADE TO DRAIN ALL AREAS WITHIN THE LIMITS OF CONSTRUCTION, OR OTHER AREAS DISTURBED BY CONSTRUCTION, AND ALSO TO MATCH THE EXISTING, ADJACENT GROUND. THE CONTRACTOR SHALL AT ALL TIMES MAINTAIN THE AREA SO IT WILL BE WELL DRAINED IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL REQUIREMENTS.
6. IN SO FAR AS PRACTICAL USE ALL SUITABLE MATERIAL ON-SITE, ROCKS AND BOULDERS MAY BE PLACED IN EMBANKMENTS PROVIDED THE EMBANKMENTS ARE DEEP ENOUGH TO PROVIDE 12" OR MORE SOIL COVER. DO NOT PLACE BOULDERS LARGER THAN 1#2 CUBIC YARD BENEATH STRUCTURE AREAS. MATERIAL MAY BE WASTED OFF-SITE AT NO COST TO THE OWNER WITH APPROVAL OF THE A/E. FURNISH COPIES OF THE PROPERTY OWNER AGREEMENT FOR WASTE SITES ALONG WITH APPROVAL OF UTILITY OWNERS AT THE WASTE SITE AND APPROVAL OF REGULATORY AGENCIES.
7. AFTER REMOVAL OF TOPSOIL CONSTRUCT EMBANKMENTS BY DISTRIBUTING THE MATERIAL IN SUCCESSIVE, UNIFORM HORIZONTAL LAYERS NO MORE THAN 8" THICK. COMPACT EACH LAYER AND PROVIDE FOR DRAINAGE OF SURFACE WATER AT ALL TIMES. MAINTAIN OPTIMUM MOISTURE CONTENT OF THE BACKFILL MATERIAL.
8. COMPACT THE EMBANKMENT AREAS TO A DENSITY OF AT LEAST 95% OF MAXIMUM DENSITY OR, IN STRUCTURE OR PAVEMENT AREAS TO AT LEAST 100% OF MAXIMUM DENSITY. FOR TOP TWO FEET AS DETERMINED BY ASTM D698 (STANDARD PROCTOR). SOIL TESTING TO BE PROVIDED BY THE OWNER. REGARDLESS OF THE TEST RESULTS, IT IS THE CONTRACTORS RESPONSIBILITY TO MEET ON-SITE COMPACTION REQUIREMENTS.
9. EXCAVATE AREAS OF YIELDING OR UNSTABLE MATERIAL AND BACKFILL WITH APPROVED MATERIAL AS DIRECTED BY A/E.

GRADING NOTES (CONT.):

- 10. THE CONTRACTOR IS TO DISPOSE OF, AT HIS OWN EXPENSE, ALL UNSUITABLE AND/OR SURPLUS, EXCAVATED MATERIAL AS DIRECTED BY THE A/E. ALL SUITABLE, EXCAVATED MATERIAL SHALL BE USED AS DIRECTED BY THE A/E. ANY ASPHALT, CONCRETE, AND MINERAL AGGREGATE BASE STONE, NO LARGER THAN 6" MAXIMUM DIMENSION, MAY BE DISPOSED ON-SITE AT THE PROJECT WASTE SITE UPON APPROVAL OF A/E.
11. FINISH GRADE AND SPREAD TOPSOIL FROM STOCKPILES ON ALL DISTURBED AREAS, EXCEPT BUILDING LOCATIONS AND AREAS TO BE PAVED, TO THE FINISHED CONTOUR ELEVATIONS SHOWN ON THE PLANS. SCARIFY SUBGRADE TO A DEPTH OF 3" BEFORE PLACING TOPSOIL. PROVIDE A MINIMUM OF 3" TOPSOIL THICKNESS ON SUBGRADE AND 12" ON ROCK. SLOPE UNIFORMLY WITH NO WATER POCKETS. REMOVE ALL CLODS, ROOTS, STICKS, STONES OVER 2" IN DIAMETER AND OTHER FOREIGN MATERIALS FROM THE SURFACE.
12. ON THE PROJECT, NEWLY GRADED, EARTH AREAS NOT TO BE PAVED, RIP-RAPPED, OR OTHERWISE STABILIZED, SHALL BE SEEDING IN ACCORDANCE WITH THE SPECIFICATIONS. PRIOR TO SEEDING, A THREE-INCH (3") LAYER OF TOPSOIL SHALL BE PLACED ON THESE AREAS IN ACCORDANCE WITH SAID SPECIFICATIONS. ALL EXISTING ROADS OR RAMPS TO BE ABANDONED WITHIN THE CONSTRUCTION AREA SHALL BE SCARIFIED AND OBLITERATED, PAVEMENT AND BASE REMOVED, THEN HAVE TOPSOIL AND SEED ADDED.
13. EXCAVATION ADJACENT TO EXISTING PAVEMENT SHALL BE MADE TO A NEAT, STRAIGHT LINE CUT THROUGH BOTH PAVEMENT AND BASE.
14. CERTIFICATION FOR ALL BORROW PITS MUST BE OBTAINED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
15. THE CONTRACTOR SHALL NOT DISPOSE OF ANY MATERIAL EITHER ON OR OFF STATE-OWNED R.O.W. IN A REGULATORY FLOOD WAY AS DEFINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY WITHOUT APPROVAL BY SAME. ALL MATERIALS SHALL BE DISPOSED OF IN UPLAND (NON-WETLAND) AREAS AND ABOVE ORDINARY HIGH WATER OF ANY ADJACENT WATERCOURSE. THIS DOES NOT ELIMINATE THE NEED TO OBTAIN ANY OTHER LICENSES OR PERMITS THAT MAY BE REQUIRED BY ANY OTHER FEDERAL, STATE, OR LOCAL AGENCY.
16. PERFORM TEMPORARY AND PERMANENT SEEDING TO MEET THE REQUIREMENTS OF EROSION AND SEDIMENT CONTROL. UPON COMPLETION OF THE FINISH GRADING AND APPROVAL OF THE A/E, SCARIFY, DISK HARROW, RAKE OR OTHERWISE WORK THE AREA TO BE SEEDDED UNTIL THE SOIL IS LOOSENEED AND PULVERIZED TO A DEPTH OF NOT LESS THAN 4". APPLY FERTILIZER AND AGRICULTURAL LIMESTONE UNIFORMLY AND INCORPORATE THEM INTO THE SOIL FOR A DEPTH OF APPROXIMATELY 4" AT THE FOLLOWING RATES: FERTILIZER, 15 POUNDS/1,000 SQUARE FEET AND AGRICULTURAL LIMESTONE, 40 POUNDS/1,000 SQUARE FEET. UNIFORMLY SOW SEED AT THE RATE OF 5 POUNDS/1,000 SQUARE FEET FOR SAHARA BERMUDAGRASS. FROM APRIL 1 TO JULY 1 AND OCTOBER 1 TO NOVEMBER 20 ADD 3 POUNDS/1,000 SQUARE OF ANNUAL RYE GRASS. COVER ALL SEEDED AREAS WITH MULCH IN A UNIFORM LAYER SO APPROXIMATELY 25 % OF THE GROUND IS VISIBLE. DISPOSE OF ALL SURPLUS MATERIALS AND WASTE AS DIRECTED BY THE A/E. ACCEPTABILITY OF THE SEEDING WILL BE DETERMINED BY THE A/E, AS SPECIFIED, AND SWMD OF THE CITY OF JOHNS CREEK. A SATISFACTORY OR UNIFORM STAND OF GROWTH IS DEFINED AS A RATE OF 100 ACTIVELY GROWING, VIABLE SEEDLINGS PER SQUARE FOOT. MOW GRASS, CUTTING NO MORE THAN 1/3 OF THE GRASS BLADE, AT REGULAR INTERVALS UNTIL ACCEPTED BY THE OWNER. ACCEPTABLE SEEDING SHALL BE DEFINED AS 100 SPECIFIED SEEDLINGS PER SQ. FT.

SANITARY SEWER NOTES:

- 1. THE CONTRACTOR SHALL NOTIFY THE FULTON COUNTY INSPECTOR AT LEAST 7 DAYS PRIOR TO THE START OF CONSTRUCTION ON ALL PUBLIC SEWER SYSTEMS.

UTILITY NOTES:

- 1. LOCATIONS OF UTILITIES, PUBLIC AND/OR PRIVATE, ARE APPROXIMATE ONLY, AND THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD. IT IS POSSIBLE THAT SOME EXISTING FACILITIES ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING ALL UNDERGROUND UTILITY FACILITIES LOCATED AND MARKED PRIOR TO THE BEGINNING OF CONSTRUCTION. CALL GEORGIA ONE-CALL (1-800-282-7411).
2. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONTACTING ALL AFFECTED UTILITY OWNERS PRIOR TO SUBMITTING HIS BID, SO THAT HE MAY DETERMINE THE EXTENT OF DELAYS THAT UTILITY RELOCATIONS AND/OR ADJUSTMENTS MAY HAVE UPON THE SCHEDULING OF WORK FOR THE PROJECT. SOME UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS, WHILE SOME WORK MAY BE REQUIRED AROUND UTILITY FACILITIES THAT SHALL REMAIN IN PLACE. IT IS SPECIFIED AND AGREED THAT THE CONTRACTOR SHALL RECEIVE NO ADDITIONAL COMPENSATION FOR ANY DELAYS OR INCONVENIENCE CAUSED BY UTILITY ADJUSTMENTS.
3. THE CONTRACTOR SHALL NOTIFY ALL AFFECTED UTILITY OWNERS PRIOR TO INTERRUPTING ANY GAS, WATER, OR SEWER SERVICES. THE CONTRACTOR SHALL ALSO NOTIFY AFFECTED UTILITY CUSTOMERS AT LEAST 24 HOURS BEFORE INTERRUPTING THE CUSTOMERS' SERVICE. WHERE INDIVIDUAL SERVICES ARE TO BE DISCONTINUED FOR MORE THAN 4 HOURS, THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR PROVIDING TEMPORARY SERVICE SATISFACTORY TO THE AFFECTED CUSTOMER. THE REPAIR OR REPLACEMENT OF UTILITY COMPONENTS SHALL CONFORM TO ALL APPLICABLE REQUIREMENTS OF THE UTILITY OWNER. NO SEPARATE PAYMENT SHALL BE MADE FOR THESE ACTIVITIES AND COMPENSATION SHALL BE INCLUDED IN THE CONTRACT PRICES FOR OTHER ITEMS.
4. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. SHOULD SPECIAL EQUIPMENT BE REQUIRED TO WORK OVER AND AROUND THE UTILITIES. THE CONTRACTOR SHALL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FROM FURNISHING SPECIAL EQUIPMENT SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
5. ANY EXISTING STORM SEWER DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED AS RAPIDLY AS POSSIBLE AND THEN BE INSPECTED BY ITS RESPECTIVE OWNER. THE ENGINEER SHALL DETERMINE IF DAMAGE IS THE RESULT OF THE CONTRACTOR'S NEGLIGENCE OR OF AN UNAVOIDABLE CAUSE. IF IT IS DEEMED THAT THE DAMAGE WAS DUE TO CONTRACTOR'S NEGLIGENCE, THE CONTRACTOR SHALL REPAIR THE STRUCTURE AT HIS OWN EXPENSE.
6. IF ANY SANITARY SEWER IS DAMAGED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY FULTON COUNTY TO REPAIR OF THE SEWER SHALL THEN BE ACCORDING TO THE OWNER'S INSTRUCTIONS. THE ENGINEER SHALL DETERMINE IF DAMAGE IS THE RESULT OF THE CONTRACTOR'S NEGLIGENCE OR OF AN UNAVOIDABLE CAUSE. IF IT IS DEEMED THAT THE DAMAGE WAS DUE TO THE CONTRACTOR'S NEGLIGENCE, THE CONTRACTOR SHALL MAKE REPAIRS AT HIS OWN EXPENSE.

SITE NOTES:

- 1. ALL PAVING, PAVING PRODUCTS, METHODS, ETC. ARE TO BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE STANDARD SPECIFICATIONS OF THE CITY OF JOHNS CREEK AND GDOT.
2. ALL CONCRETE PERTAINING TO THE SITE PLAN AND RELATED EXTERIOR CONCRETE ITEMS SHALL BE FC' = 4,000 PSI, AS DEFINED BY ALL STANDARDS, AIR ENTRAINED, THE APPLICABLE PROVISIONS OF ACI 308. SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS, SHALL ALSO APPLY.
3. ALL WORK SHALL BE IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF ALL AGENCIES AND DEPARTMENTS OF THE LOCAL, STATE AND FEDERAL GOVERNING AGENCIES.
4. ALL DIMENSIONS SHOWN ARE TO THE CENTER OF WALL AND EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
5. IF SO INDICATED ON THE SITE PLAN TO REMAIN, THE CONTRACTOR SHALL PROTECT ANY PLANT MATERIAL FROM DAMAGE OR ANY SCARRING. A MINIMUM AREA SHALL BE THE DRIP LINE OF THE TREE UNLESS OTHERWISE NOTED.

DEMOLITION NOTES:

- 1. ALL INITIAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE PRIOR TO START OF DEMOLITION, TREE PRESERVATION OR LAND DISTURBANCE ACTIVITIES.
2. DEMOLITION WORK SHALL BE COORDINATED WITH ALL ADJACENT USES. ALL DEMOLITION AREAS SHALL BE SECURED TO ALLOW SAFE ACCESS ONLY TO CONSTRUCTION PERSONNEL.
3. CONTRACTOR SHALL FULLY REMOVE AND DISPOSE OF ALL DEMOLISHED MATERIALS IN A LAWFUL AND TIMELY MANNER UNLESS NOTED OTHERWISE.
4. SURFACE CONCRETE AND ASPHALT SHALL BE SAW CUT TO A NEAT LINE, DEMOLISHED AND REMOVED, INCLUDING ANY BASE MATERIAL.
5. FOOTINGS AND FOUNDATIONS OF EXISTING FEATURES TO BE REMOVED AND AREAS TO BE BACKFILLED TO SUB-GRADE ELEVATION.

STORM DRAINAGE NOTES:

- 1. ALL POLYVINYL CHLORIDE PIPE (PVC) AND JOINT MATERIALS SHALL BE SDR 35 PVC PIPE AND SHALL CONFORM TO ASTM D-3034 SPECIFICATIONS WITH ELASTOMETRIC O-RING GASKETS FOR BELL AND SPIGOT JOINTS. ALL HIGH DENSITY POLYETHYLENE (HDPE) PIPE AND FITTINGS SHALL CONFORM TO ASTM-D-3350 AND BE CORRUGATED, DUAL WALL, SMOOTH INTERIOR PIPE.
2. ALL PIPE JOINTS AND JOINT MATERIAL ARE TO PROVIDE A WATERTIGHT CONNECTION.
3. ALL PIPE TO BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS TO THE LINES AND GRADES AS SHOWN ON THE PLANS. BACKFILL TRENCHES IN 6" LIFTS AND COMPACT EACH LIFT IN ACCORDANCE WITH THE EMBANKMENT COMPACTION REQUIREMENTS. ALL BACKFILL IS TO BE IN ACCORDANCE WITH CITY STANDARDS.
4. AFTER COMPLETION OF EACH SECTION OF PIPE, PROTECT FROM SEDIMENT AND DEBRIS ACCUMULATION INSIDE OF THE PIPE. CLEAN AND FLUSH ALL SEDIMENT FROM THE PIPE AND DISCHARGE IN ACCORDANCE WITH THE REQUIREMENTS FOR EROSION AND SEDIMENT CONTROL. AFTER INSTALLATION AND DURING THE REMAINDER OF THE CONSTRUCTION PERIOD PROVIDE INLET PROTECTION FOR STORM WATER PIPES AND INLET STRUCTURES PER THE EROSION CONTROL PLAN TO PREVENT SILT ACCUMULATION IN THE STORMWATER SYSTEM.
5. THE CONTRACTOR IS REQUIRED TO CONNECT ALL EXISTING STORM DRAINAGE PIPING TO PROPOSED DRAINAGE STRUCTURES AS MAY BE REQUIRED BY FIELD ENGINEER.
6. THE CONTRACTOR SHALL BE REQUIRED TO BACKFILL STORM SEWER AND UTILITY TRENCHES WITH BACKFILL MATERIAL ACCORDING TO THE CITY OF JOHNS CREEK / G.D.O.T. STANDARD DRAWINGS AS DIRECTED BY THE ENGINEER.
7. ALL CONCRETE PIPE (RCP) SHALL BE REINFORCED CONCRETE PIPE CONFORMING TO ASTM C76 HAVING TONGUES AND GROOVE JOINTS. ALL CORRUGATED STEEL PIPE (CSP) SHALL CONFORM TO THE LATEST REVISION OF AASHTO M36 OR 4, M36 OR M167, OR M219 AND SHALL BE BITUMINOUS COATED IN CONFORMANCE WITH AASHTO M190. PIPE (CMP) SHALL BE A MINIMUM OF 16 GAUGE, UNLESS OTHERWISE SPECIFIED. CORRUGATED STEEL PIPE SHALL BE FURNISHED WITH CORRUGATED BANDS AND WITH JOINTS EQUIVALENT TO ARMOCO "HUGGER" TYPE AND SHALL BE FULLY BITUMINOUS COATED. ALL CORRUGATED POLYETHYLENE TUBING (CPP) SHALL CONFORM TO ASTM F405-89 AND ASTM F 667-85. ALL MATERIALS ARE TO BE NEW.
8. SUBMITTALS FOR APPROVAL BY THE A/E ARE REQUIRED FOR ALL PIPE AND APPURTENANT PRODUCTS.
9. ALL PIPE TO BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS TO THE LINES AND GRADES AS SHOWN ON THE PLANS. BACKFILL TRENCHES IN 6" LIFTS AND COMPACT EACH LIFT IN ACCORDANCE WITH THE EMBANKMENT COMPACTION REQUIREMENTS. ALL BACKFILL IS TO BE IN ACCORDANCE WITH CITY STANDARDS.
10. AFTER COMPLETION OF EACH SECTION OF PIPE, PROTECT FROM SEDIMENT AND DEBRIS ACCUMULATION INSIDE OF THE PIPE. CLEAN AND FLUSH ALL SEDIMENT FROM THE PIPE AND DISCHARGE IN ACCORDANCE WITH THE REQUIREMENTS FOR EROSION AND SEDIMENT CONTROL. AFTER INSTALLATION AND DURING THE REMAINDER OF THE CONSTRUCTION PERIOD PROVIDE INLET PROTECTION FOR STORM WATER PIPES AND INLET STRUCTURES WITH SILT FENCE, STAKED STRAW BALES OR OTHER ACCEPTED MEANS TO PREVENT SILT ACCUMULATION IN THE STORMWATER SYSTEM.
11. CONTRACTOR SHALL NOTIFY SURVEYOR AND CITY STORMWATER INSPECTOR AT LEAST 48 HOURS PRIOR TO ANY COVER PLACED ON UNDERGROUND SYSTEMS. FAILURE TO DO SO MAY RESULT IN RE-EXCAVATION AND/OR RE-CONSTRUCTION AT THE OWNER/CONTRACTOR'S EXPENSE.

TREE REMOVAL, PRUNING AND VEGETATIVE REMOVAL NOTES:

- 1. ALL DESIGNATED TREES SHALL BE CUT AND STUMPS GROUND DOWN TO A DEPTH OF NO LESS THAN 12" BELOW GRADE. NO BURNING WILL BE ALLOWED.

TRAFFIC NOTES:

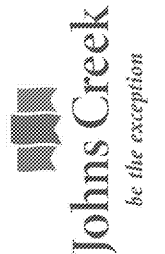
- 1. DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN TRAFFIC AND PROVIDE TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THE CONTRACTOR SHALL ALSO FURNISH AND INSTALL TRAFFIC SIGNS AND MARKINGS AS REQUIRED BY THE MUTCD AND THE CITY OF JOHNS CREEK TRAFFIC ENGINEERING, WHICHEVER IS APPROPRIATE.
2. PERMANENT SIGNS AND PAVEMENT MARKINGS SHALL BE IN CONFORMANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND COORDINATED WITH THE CITY OF JOHNS CREEK TRAFFIC ENGINEER AND GEORGIA DEPARTMENT OF TRANSPORTATION.
3. PRIOR TO CLOSING ANY PUBLIC ROAD TO THROUGH TRAFFIC, THE CONTRACTOR SHALL NOTIFY ALL AFFECTED LOCAL AGENCIES ABOUT THE PROPOSED ROAD CLOSURE. THOSE TO BE CONTACTED SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING: FIRE DEPARTMENT, POLICE DEPARTMENT, SHERIFF'S DEPARTMENT, POST OFFICE, THE A/E, CITY TRAFFIC ENGINEER, AND OTHERS AS MAY BE DESIGNATED BY A/E.

MISCELLANEOUS NOTES:

- 1. THE ENGINEER SHALL HAVE THE AUTHORITY TO DESIGNATE AND/OR LIMIT AREAS OF CONSTRUCTION.
2. THE OWNER MAKES NO REPRESENTATIONS THAT MAY BE ENCOUNTERED WITHIN THE LIMITS OF THE PROJECT. THEREFORE, THE CONTRACTOR SHOULD SATISFY HIMSELF BY ON-SITE INSPECTIONS, OR OTHER METHODS, OF THE SUBSURFACE CONDITIONS THAT MAY BE ENCOUNTERED. THE RISK OF ENCOUNTERING AND CORRECTING UNFAVORABLE, SUBSURFACE CONDITIONS SHALL BE BORNE SOLELY BY THE CONTRACTOR.
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL FIELD LAYOUTS FOR APPROVAL BY THE ENGINEER.
4. ALL SALVAGEABLE MATERIAL FROM EXISTING PIPING AND STRUCTURES SHALL REMAIN PROPERTY OF THE CITY OF JOHNS CREEK. SAID MATERIAL SHALL BE CLEANED AND THEN DELIVERED TO THE OWNER AT A LOCATION DESIGNATED BY THE ENGINEER.
5. ALL UNSUITABLE MATERIAL, AS DETERMINED BY THE ENGINEER OR THROUGH TESTING, IS TO BE REMOVED AND REPLACED WITH SUITABLE MATERIAL. TESTING SERVICES ARE TO BE PROVIDED BY THE OWNER, HOWEVER THE CONTRACTOR IS SOLELY RESPONSIBLE TO ASSURE ALL WORK IS COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS.
6. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING, AT HIS OWN EXPENSE, ANY AND ALL DAMAGES THAT MAY OCCUR OUTSIDE THE LIMITS OF THIS PROJECT AS A RESULT OF CONSTRUCTION.
7. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EXISTING COMBINED CURB AND GUTTERS WHERE APPLICABLE.
8. ALL ABANDONED STRUCTURES (E.G., CATCH BASINS, MANHOLES, FOUNDATIONS, ETC.), UTILITY FACILITIES, AND SIMILAR ITEMS WITHIN THE LIMITS OF PAVING SHALL BE REMOVED TO A MINIMUM DEPTH OF TWO FEET BELOW THE TOP OF SUBGRADE, AND REMAINING VOIDS SHALL BE FILLED WITH COMPACTED, CRUSHED STONE TO THE TOP OF SUBGRADE.
9. THE CONTRACTOR SHALL MAINTAIN A RECORD SET OF DRAWINGS IN THE OFFICE TRAILER AND AVAILABLE FOR INSPECTION IN WHICH SITE NOTATIONS, WORK PROGRESS, FIELD FINDINGS AND OTHER PERTINENT JOB SITE DATA WILL BE RECORDED. A COPY OF RECORD DRAWINGS WILL BE PROVIDED TO THE ENGINEER UPON COMPLETION AND ACCEPTANCE OF THE WORK.
10. SHOULD THERE BE A CONFLICT BETWEEN THESE GENERAL NOTES, CONTRACT DRAWINGS, AND/OR SPECIFICATIONS, THE MOST RESTRICTIVE INTERPRETATION SHALL PREVAIL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING FROM THE ENGINEER ANY CLARIFICATION OR INTERPRETATION OF GENERAL NOTES, CONTRACT DRAWINGS AND/OR SPECIFICATIONS IN WRITING AND IN ADVANCE OF THE BEGINNING OF CONSTRUCTION.
11. ALL CONCRETE SHALL BE CLASS "A" (3,500 P.S.I.) UNLESS OTHERWISE NOTED ON A DRAWING. (CLASS "B" CONCRETE SHALL BE 3,000 P.S.I.)
12. ANY ADDITIONAL WATER QUALITY PERMITS REQUIRED BY THE CONTRACTOR'S METHOD OF OPERATION, INCLUDING BUT NOT LIMITED TO STREAM CROSSINGS AND ACCESS ROADS THROUGH WETLANDS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

SIGNAGE NOTES:

- 1. TRAIL SIGNS SHALL MEET MUTCD STANDARDS FOR BICYCLE FACILITIES APPLICATION AND FOR PLACEMENT OF SIGNS.



GENERAL NOTES

MULTIUSE TRAIL PHASE 1 SEGMENT CAULEY CREEK PARK JOHNS CREEK, GA

Table with columns: REV, DR, CHK, DATE, DESCRIPTION. Rows A, B, C.

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