

GENERAL NOTES:

- THESE DRAWINGS DO NOT SUPPORT TO LOCATE ALL UTILITIES.
- ALL UTILITY LOCATIONS TO BE FIELD VERIFIED BY PROPER AGENTS BEFORE BEGINNING CONSTRUCTION. UNDERGROUND UTILITIES ARE NOT FIELD LOCATED NOR ARE ALL REPORTED TO BE SHOWN. INFORMATION SHOWN SHOULD BE CONSIDERED APPROXIMATE. CONTRACTOR TO CONTACT ALL UTILITY COMPANIES TO HAVE UTILITIES FIELD LOCATED BEFORE EXCAVATION OR DEMOLITION WORK BEGINS.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES WITHIN THE WORKING AREA BEFORE COMMENCING WORK & AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR FAILURE TO EXACTLY LOCATE & PRESERVE ANY & ALL UNDERGROUND UTILITIES.
- THE CONTRACTOR SHALL COORDINATE LOCATION & INSTALLATION OF ALL UNDERGROUND UTILITIES & APPURTENANCES TO MINIMIZE DISTURBING CURBS & GUTTERS, PAVEMENT, EXISTING UTILITIES & COMPACTED SUBGRADE.
- CONTRACTOR SHALL VERIFY EXISTING UTILITY LINE OR EXISTING INFRASTRUCTURE PRIOR TO BEGINNING WORK. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES ON THE DRAWING OR IN THE FIELD BEFORE BEGINNING WORK OR DURING CONSTRUCTION.
- CONTRACTOR TO COORDINATE ALL WORK WITH OTHER UTILITY INSTALLATIONS NOT COVERED IN THESE PLANS (ELECTRIC, TELEPHONE, GAS, CABLE, ETC.) & ALLOW FOR THEIR OPERATIONS & CONSTRUCTION TO BE PRESERVED.
- THE CONTRACTOR SHALL IMMEDIATELY ADVISE THE OWNER'S REPRESENTATIVE OR ENGINEER OF ANY DISCREPANCIES OR ERRORS HE DISCOVERS IN THE PLAN.
- DEVIATION FROM THESE PLANS AND NOTES WITHOUT THE PRIOR CONSENT OF THE OWNER'S REPRESENTATIVE MAY BE CAUSE FOR THE WORK TO BE UNACCEPTABLE.
- ALL WORK SHALL COMPLY WITH APPLICABLE STATE, FEDERAL, AND LOCAL CODES & ALL NECESSARY LICENSES & PERMITS SHALL BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE UNLESS PREVIOUSLY OBTAINED BY THE OWNER/DEVELOPER FOR THE WORK ON THE SITE OR CITY FRONT OF ANY. THE CONTRACTOR SHALL:
 - A. NOT STORE MATERIAL, EXCESS DIRT OR EQUIPMENT ON THE SHOULDERS OF PAVEMENT IN CASE OF MULTILANE HIGHWAYS, IN THE MEDIUM STRIPS. THE PAVEMENT SHALL BE KEPT FREE FROM ANY MUD OR EXCAVATION WASTE FROM TRUCKS OR OTHER EQUIPMENT. ON COMPLETION OF THE WORK, ALL EXCESS MATERIAL SHALL BE REMOVED FROM THE PAVEMENT.
 - B. PROVIDE ALL NECESSARY & ADEQUATE SAFETY PRECAUTIONS SUCH AS STOP SIGNS, FLARE LIGHTS, BARRIERS, CONES & FLAG MEN AS REQUIRED BY THE LOCAL AUTHORITIES & IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR & HOLD HARMLESS THE STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION, THE CITY OF EAST ELLIJAY & THE OWNER FROM ANY CLAIMS FOR DAMAGE, INJURY TO PROPERTY, PRIVATE PROPERTY, PUBLIC UTILITIES, OR TO THE TRAVELING PUBLIC.
 - C. COMPLETE THE WORK TO THE SATISFACTION OF THE CITY OF EAST ELLIJAY OR DOT AND OBTAIN A LETTER FROM THE DEPARTMENT STATING THAT THE WORK IS ACCEPTABLE.
 - D. POST NECESSARY SIGNS AS REQUIRED BY THE CITY AND/OR STATE.
- ALL WORK & MATERIALS SHALL COMPLY WITH CITY OF EAST ELLIJAY REGULATIONS & CODES OF C.S.H.A. STANDARDS.
 - A. A MINIMUM CLEARANCE OF TWO FEET SHALL BE MAINTAINED BETWEEN THE FACE OF CURBS & ANY PART OF A TRAFFIC SIGNAL OR LIGHT POLE.
 - B. SIGNAGE & SUFFICIENT BARRIERS, LIGHTS, SIGNS & OTHER TRAFFIC CONTROL MEASURES AS MAY BE NECESSARY FOR THE PROTECTION AND SAFETY OF THE PUBLIC SHALL BE PROVIDED & MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
- CONTRACTORS SHOULD NOT BE DONE ANY OPEN BURNING OF CONSTRUCTION OR MATERIALS OR DEBRIS WITHOUT A PERMIT FROM THE DEPARTMENT OF AIR POLLUTION CONTROL OR LOCAL AUTHORITY. IF A CONTRACTOR DESIRES TO PERFORM OPEN BURNING, HE MUST BE RESPONSIBLE FOR OBTAINING ANY PERMITS AND IS RESPONSIBLE FOR ANY VIOLATION OF THE AIR POLLUTION LAWS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CONSTRUCTION FOR THE CONTINUOUS MAINTENANCE OF SEDIMENT & EROSION CONTROL MEASURES AS CALLED FOR ON THE DRAWINGS.
- EROSION CONTROL MEASURES ARE TO BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION (SEE GRADING & DRAINAGE PLAN AND/OR SEDIMENT & EROSION CONTROL PLAN).
- EXISTING DRAINAGE STRUCTURES TO BE INSPECTED, REPAIRED AS NEEDED & CLEANED OUT TO REMOVE ALL SILT & DEBRIS. IF THE CONTRACTOR SHALL REPAIR OR REPLACE IN-KIND ANY DAMAGE THAT OCCURS TO PROPERTY AS RESULT OF HIS WORK.
19. ALL SIDE DITCHES TO BE CLEANED AND/OR REPAIRED TO PROVIDE PROPER DRAINAGE.
20. ALL AREAS NOT OTHERWISE SURFACED ARE TO BE SEED, LANDSCAPED, MULCHED, WATERED, & MAINTAINED UNTIL ADEQUATE STAND OF GRASS IS OBTAINED.
21. UNLESS OTHERWISE SPECIFIED, ALL SLOPES TO BE COVERED WITH MINIMUM 4" OF TOPSOIL.
22. ALL PIPE LENGTHS & DISTANCES BETWEEN STRUCTURES ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE ALONG A HORIZONTAL PLANE.
23. THE CONTRACTOR SHALL PROVIDE ALL THE MATERIALS & APPURTENANCES NECESSARY FOR THE COMPLETE INSTALLATION OF THE STORM DRAINAGE, SEWER, WATER UTILITY SYSTEMS. ALL PIPE & METHODS SHALL BE INSPECTED BY THE UTILITY DEPARTMENT BEFORE PRIOR TO BEING COVERED. THE INSPECTOR MUST ALSO BE PRESENT DURING PRESSURE TESTING & DISPOSITION OF LATERALS & HIS SIGNATURE OF APPROVAL IS REQUIRED.
24. THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE LOCAL UTILITY AUTHORITIES FOR CONNECTION TO THE EXISTING MAINS & PAY ALL APPLICABLE FEES.
25. UTILITY COORDINATION & COSTS SHALL BE INCLUDED IN THE PROJECT SCHEDULE & IT IS THE EXPLICIT RESPONSIBILITY OF THE CONTRACTOR TO ASSURE THAT THE PROJECT SCHEDULE INCLUDING THE NECESSARY REDUCTION, THE CONTRACTOR WILL NOT BE ADDED ADDITIONALLY FOR THIS CONSTRUCTION. THE CONTRACTOR SHOULD SEEK ASSISTANCE FROM ALL UTILITY COMPANIES TO LOCATE & PROTECT THEIR FACILITIES.
26. CONTRACTOR SHALL OBTAIN ALL PERMITS BEFORE CONSTRUCTION BEGINS.
27. DIMENSIONS ON BUILDINGS ARE FOR GRADING PURPOSES ONLY & ARE NOT TO BE USED TO LAYOUT FOOTINGS. REFER TO THE STRUCTURAL DRAWINGS FOR FOUNDATION INFORMATION.
28. ALL DIMENSIONS SHOWN ARE TO FACE OF CURB OR EDGE OF SWH UNLESS NOTED OTHERWISE.
29. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO BEGINNING CONSTRUCTION.
30. CURBS OR SCORE MARKS ARE TO BE SHOWN & CLEAN WITHOUT SHOWING EDGES OF JOINTING MATERIALS.
31. THE CONTRACTOR SHALL PROVIDE FOR ANY NECESSARY BONDS AS REQUIRED BY GOVERNING AGENCIES.
32. AN AUTO CAD BASE PLAN MAY BE PROVIDED TO THE CONTRACTOR FOR CONSTRUCTION PURPOSES.
33. TEMPORARY BENCHMARK IS LOCATED XXXXX & HAS SET BY XXXXXXX.
34. TOPOGRAPHIC & BOUNDARY SURVEY BY XXXXXXXXXXXXXXXXXXXXXXX & PROVIDED BY THE OWNER.
35. SEE FINAL PLAN BY SURVEYOR FOR LOCATIONS OF ALL NEW SANITARY SEWER & STORM DRAINAGE BASEMENTS. ALL DISTANCE AREAS WILL BE A STORM DRAINAGE EASEMENT.

SITE NOTES:

- CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE BEGINNING CONSTRUCTION.
- FOR EXACT BUILDING DIMENSIONS SEE ARCHITECTURAL PLANS.
- DIMENSIONS ON BUILDINGS ARE FOR GRADING PURPOSES ONLY & ARE NOT TO BE USED TO LAYOUT FOOTINGS. REFER TO THE STRUCTURAL DRAWINGS FOR FOUNDATION INFORMATION.
- ALL DIMENSIONS SHOWN ARE TO FACE OF CURB, FACE OF SIDEWALK, OR FACE OF BUILDING UNLESS NOTED OTHERWISE.
- A 1" CURB TAPER SHALL BE FORMED AT ALL PLACES WHERE CURB & GUTTER MEETS AN ADJACENT CONCRETE SIDEWALK OR PARKING AREA WHICH IS 0.5' LOWER THAN THE TOP OF CURB ELEVATION.
- REFER ALSO TO GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.

DEMOLITION NOTES:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING DEMOLITION PERMITS AS WELL AS OTHER ASSOCIATED PERMITS PRIOR TO CONSTRUCTION.
- DIMENSIONS ON BUILDINGS ARE FOR GRADING PURPOSES ONLY & ARE NOT TO BE USED TO LAYOUT FOOTINGS. REFER TO THE STRUCTURAL DRAWINGS FOR FOUNDATION INFORMATION.
- ALL DEMOLITION DIMENSIONS SHOWN ARE APPROXIMATE & SHALL BE FIELD VERIFIED PRIOR TO DEMOLITION.
- THE CONTRACTOR SHALL SAW CUT F.E.S. AT EXISTING PAVEMENT OR CONC. AREAS AS NECESSARY TO ENSURE SMOOTH TRANSITIONS. THE CONTRACTOR SHALL SAW CUT AND TRANSDITION TO MEET EXISTING PAVEMENT AS NECESSARY & AS DIRECTED BY THE INSPECTOR TO ENSURE POSITIVE DRAINAGE (TYPICAL AT ALL INTERSECTIONS). INSTALL EXISTING JOINTS AT ALL CONC. SAW CUT JOINTS.
- ALL EXISTING TREES, VEGETATION & GRASSES TOPS SHALL BE STRIPPED & REMOVED FROM THIS CONSTRUCTION AREA, AS REQUIRED.
- GRADING STRUCTURES WITHIN CONSTRUCTION LIMITS ARE TO BE ABANDONED, REMOVED, OR RELOCATED AS REQUIRED. COORDINATE WITH PROPER AUTHORITIES AND/OR UTILITY COMPANIES.
- REFER ALSO TO GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.

DRAINAGE & GRADING NOTES:

- CONTRACTOR SHALL OBTAIN ALL PERMITS BEFORE CONSTRUCTION BEGINS.
- NEW FINISHED CONTOURS SHOWN ARE TOP OF NEW PAVING IN AREAS TO RECEIVE PAVEMENT & TOP OF TOPSOIL IN AREAS TO BE SEED.
- PROPOSED CONTOUR INTERVALS ARE AS LABELED. ALL PROPOSED CONTOUR ARE FINISHED GRADE.
- CONTRACTOR SHALL NOTIFY & COOPERATE WITH ALL UTILITY COMPANIES OR FIRMS HAVING FACILITIES ON OR ADJACENT TO THE SITE BEFORE DISTURBING, ALTERING, REMOVING, RELOCATING, OR CHANGING FACILITIES. CONTRACTOR SHALL PAY ALL COSTS IN CONNECTION WITH THE ALTERATION OF OR RELOCATION OF THE FACILITIES. CONTRACTOR SHALL RAISE OR LOWER TOPS OF EXISTING MANHOLES AS REQUIRED TO MATCH FINISHED GRADES.
- UNLESS OTHERWISE NOTED OTHERWISE, THE STABILITY OF THE EXISTING SUB GRADE & EXISTING ON SITE MATERIAL PRIOR TO BEGINNING ANY FILLING OPERATION, UNLESS EXISTING MATERIALS (SOIL) SHALL BE INSPECTED ON SITE AT LOCATIONS APPROVED BY THE ARCHITECT. ALL WASTE RESULTING FROM DEMOLITION, CLEARING & GRADING SHALL BE DISPOSED OF OFF SITE BY THE CONTRACTOR AT AN APPROVED LOCATION.
- BEFORE ANY MACHINE WORK IS DONE, CONTRACTOR SHALL STAKE OUT & MARK THE ITEMS ESTABLISHED BY THE SITE PLAN. CONTROL POINTS SHALL BE PRESERVED AT ALL TIMES DURING THE COURSE OF THE PROJECT. LACK OF PROPER WORKING POINTS AND GRADE STAKES MAY REQUIRE CESSATION OF OPERATIONS UNTIL SUCH POINTS & GRADES HAVE BEEN PLACED TO THE OWNER'S SATISFACTION.
- COMPACTION OF THE BACK FILL OF ALL TRENCHES SHALL BE COMPACTED TO THE DENSITY OF 90% OF THEORETICAL MAXIMUM DRY DENSITY (ASTM D698). BACK FILL MATERIAL SHALL BE FREE FROM ROOTS, STUMPS, OR OTHER FOREIGN DEBRIS & SHALL BE PLACED AT OR NEAR OF INCH MAXIMUM SIZE. CORRECT OR OF ANY TRENCH SET ELEVATION WITHIN A YEAR FROM THE DATE OF APPROVAL. WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- IF THE SPOILER BELIEVES FROM THIS SHEET THAT ALL FILL MATERIAL TO BE UTILIZED ON THE PROJECT SHALL BE FREE OF ORGANIC OR OTHER HAZARDOUS MATERIALS & COMPACTED TO MINIMUM DRY DENSITIES CORRESPONDING TO 90% OF MAXIMUM DRY DENSITY AS OBTAINED BY STANDARD PROCTOR, ASTM D698 & AT LEAST 98% OF STANDARD PROCTOR WITH A FOOT BELOW PAVEMENT SURFACE. FILL SHALL BE PLACED IN LIFTS NO TO EXCEED 8 INCHES IN COMPACTED FILL THICKNESS & A REPORT FROM A GEOTECHNICAL ENGINEER MAY BE REQUIRED BY THE OWNER.
- THE CONTRACTOR WILL ASSURE THAT POSITIVE & ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT NOT BE LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED OR RECONSTRUCTED AS REQUIRED BY THE ENGINEER, EXCEPT FOR THOSE DAMAGE ITEMS SHOWN AT SPECIFIC LOCATIONS BY A HAVING SPECIFIC PAY ITEMS IN THE DETAILED ESTIMATE. NO SEPARATE PAYMENT WILL BE MADE AT ANY COSTS INCURRED TO COMPLY WITH THIS REQUIREMENT.
- THE CONTRACTOR SHALL PROVIDE ANY EXCAVATION & MATERIAL SAMPLES NECESSARY TO CONDUCT REQUIRED SOIL TESTS. ALL ARRANGEMENTS & SCHEDULING FOR THE TESTING SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY EXISTING DRAINAGE ESPECIALLY WITHIN & ALONG DRAINAGEWAYS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.
- UNLESS OTHERWISE SPECIFIED, ALL SLOPES TO BE COVERED WITH MINIMUM OF 4" TOPSOIL.
- MAXIMUM EMBANKMENT SLOPES TO BE AS FOLLOWS: CUT AREA - 3:1; FILL AREAS - 3:1 (UNLESS NOTED OTHERWISE).
- STORM DRAINAGE SYSTEMS SHALL BE DESIGNED TO ACCOMMODATE A DESIGN FLOOD (PROVIDE A WORKING SPREAD). IT IS THE INTENT OF THIS PROJECT FOR THE CONTRACTOR TO VERIFY & MATCH EXISTING CONDITIONS UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER/ARCHITECT OF ANY ITEMS THAT DO NOT EXIST AS SHOWN.
- STORM DRAIN PIPE: THE REINFORCED CONCRETE CONFORMING TO ASTM D 2838, OR COMP. FULLY COATED (16 GAUGE PERL PER ASTM A44, OR ADE IN 12 WITH WATER TIGHT GASKET AS SHOWN ON DRAWINGS).
- PIPE CAST STRUCTURES MAY BE USED AT THE CONTRACTOR'S OPTION. ALL CONCRETE TO HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 P.S.I.
- CONTRACTOR SHALL LAY OUT SLOPES WITH THE SURROUNDING ENVIRONMENT.
- THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT ENGINEER FOR ANY FIELD GRADE ADJUSTMENTS NEEDED DUE TO ACTUAL TOPOGRAPHY VARYING FROM THE TOPOGRAPHIC SURVEY.
- REFER ALSO TO GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.

WATER DISTRIBUTION SYSTEM NOTES:

- EXISTING UTILITIES SHALL BE FIELD VERIFIED PRIOR TO INSTALLATION OF ANY NEW PIPELINES.
- ALL SERVICE LATERALS SHALL BE MARKED WITH MAGNETIC TAPE.
- CONTRACTOR TO COORDINATE WITH THE UTILITY FOR CONNECTION TO EXISTING WATER MAIN.
- WHERE WATER PIPING CROSSES THE SANITARY SEWER LINE, THE WATER SERVICE WITHIN 10 FEET OF THE POINT OF CROSSING SHALL BE AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER LINE. THE SEWER LINE SHALL BE OF DUCTILE IRON WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF THE CROSSING.
- UNDERGROUND SHALL BE INSTALLED, TESTED & APPROVED BEFORE BACKFILLING.
- MANHOLES MUST BE CONSTRUCTED BY A LICENSED MUNICIPAL UTILITY CONTRACTOR (CLASSIFICATION M.U.) UPON COMPLETION OF THIS PROJECT. THIS SAID DRAWINGS MUST BE SUBMITTED TO THE ENGINEER, OWNER, & UTILITY.
- PIPE CAST STRUCTURES MAY BE USED AT THE CONTRACTOR'S OPTION.
- ALL CONCRETE TO HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 P.S.I.
- THE SITE UTILITY CONTRACTOR SHALL COOPERATE & WORK WITH OTHER CONTRACTORS PERFORMING WORK ON THIS PROJECT TO INSURE PROPER & TIMELY COMPLETION OF THIS PROJECT.
- ALL MATERIALS SHALL BE LISTED & FACTORY MUTUAL APPROVED UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- THRUST BLOCKS SHALL BE PROVIDED AT ALL TEES, ELBOWS & BENDS OF SUFFICIENT SIZE TO COMPLY WITH MINIMUM STANDARDS OF A.P.P.A. - EXISTING SOIL CONDITIONS.
- A CONCRETE ANCHOR BLOCK AS SHOWN ON THE UTILITY DETAIL SHEET SHALL BE POURED AROUND THE FIRST BELL & SPIGOT PIPE JOINT RESTRAINT BE FROM THE END OF THE WATERLINE. THE MECHANICAL RESTRAINT SECURING THE JOINT SHALL BE WRAPPED WITH PLASTIC PRIOR TO THE POURING OF THE CONCRETE. THE INTENT OF THE CONCRETE ANCHOR BLOCK WILL HELP PREVENT THE JOINT FROM SEPARATING NEAR THE END OF THE WATERLINE. ALL DUCTILE IRON PIPES TO BE ANMA C-19-81, CLASS 80.
- ALL UNDERGROUND FITTINGS TO BE MECH JOINT ANMA C1120-81, 10, CLASS 200.
- ALL UNDERGROUND VALVES TO BE MECH JOINT ANMA C200, CLASS 200.
- ALL UNDERGROUND JOINTS TO BE TESTED & FLANGED AS PER NFPA 804.
- APPROPRIATE THRUST BLOCKS TO BE PROVIDED AS PER NFPA 804.
- WHERE PROPOSED WATER LINE INTERSECTS UNDER ANY PAVED SURFACE, THE TRENCH MUST BE BACKFILLED WITH APPROVED STONE.
- ALL VALVES (G.V.) SHALL BE GATE VALVES WITH CAST IRON BOXES.
- WATER INSTALLATION SHALL BE IN ACCORDANCE WITH TEN STATES STANDARD & REGULATIONS & THE CITY OF EAST ELLIJAY STANDARDS.
- CONNECTION TO THE WATER MAIN SHALL BE MADE UNDER THE SUPERVISION OF THE UTILITY WATER MAIN ENGINEER.
- BACKS (EXCEPT) WATER LINES IN USE OF FITTINGS IN ANY MANNER SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL WATER LINES SHALL HAVE A MINIMUM COVER OF 48" UNLESS OTHERWISE NOTED OTHERWISE.
- THE CONTRACTOR SHALL NOTIFY THE WATER UTILITY & THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION.
- NO FIRE HYDRANTS OR WATER VALVE BOXES ARE TO BE LOCATED WITHIN THE CURB & GUTTER.
- ALL PIPING FROM THE "POINT OF SERVICE" INCLUDING UNDERGROUND SPRINKLER & IRRIGATION SYSTEM MUST BE INSTALLED BY A GEORGIA REGISTERED SPRINKLER CONTRACTOR (RULE 0780-27-08).
- REFER ALSO TO GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.

LANDSCAPE NOTES:

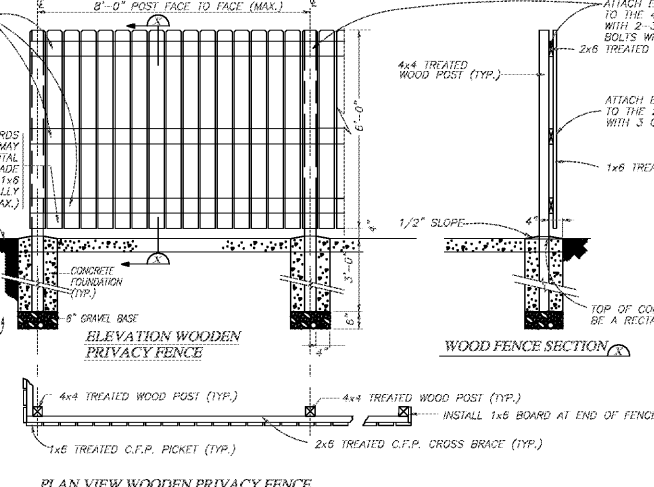
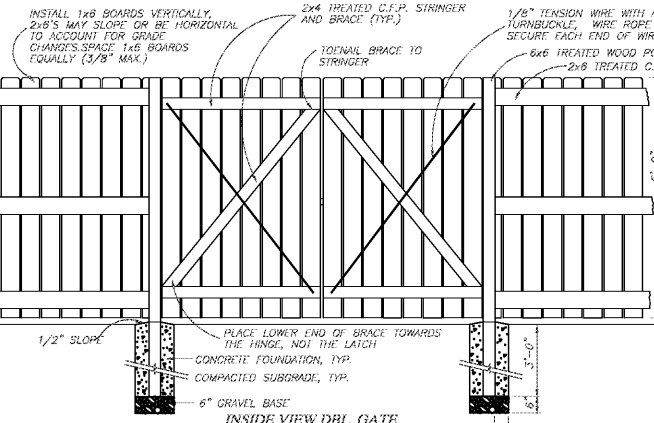
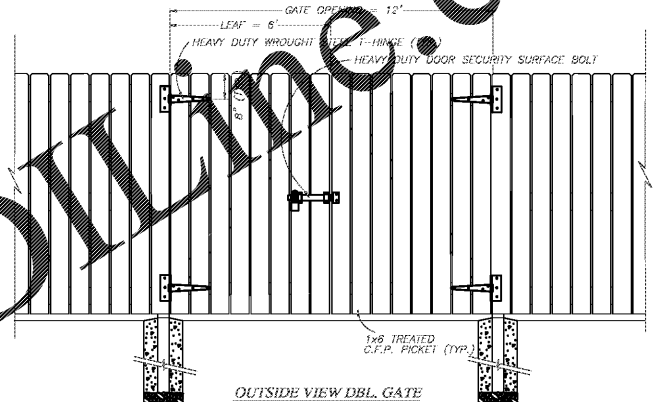
- ALL PLANTS MUST BE HEALTHY & FREE FROM DISEASE.
- ALL PLANTS MUST BE OBTAINED FROM ORGANIC & SUIP LAPPED AS INDICATED IN THE PLANT LIST.
- ALL TREES & SHRUBS TO BE PLANTED & MAINTAINED AS SPECIFIED.
- ALL TREES & SHRUBS TO BE PLANTED OR STAKED AS SHOWN IN THE DETAILS.
- ALL PLANTING OPERATIONS MUST BE COMPLETELY MAILED AS SHOWN IN DETAILS.
- PIPING TO CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES & SHALL AVOID DAMAGE TO UTILITIES IN THE WORK. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY & ALL DAMAGE TO UTILITIES, STRUCTURES, SITE, TREES, FENCES, ETC. WHICH OCCURS AS A RESULT OF THE LANDSCAPE CONSTRUCTION.
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL CLIMATE IS SHOWN ON THESE PLANS, BEFORE PLACING THE WORK.
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ALL PLANTING INCLUDING, BUT NOT LIMITED TO, TREE, SHRUB, BURNING, MULCHING, FERTILIZING, & PLANTING AREAS & LAWN SIZES. THE WORK IS ACCEPTED IN TOTAL BY THE LANDSCAPE ARCHITECT'S FINAL OWNER.
- THE LANDSCAPE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE (1) YEAR BEGINNING AT THE DATE OF TOTAL ACCEPTANCE. THE LANDSCAPE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS BEFORE OR AT THE END OF THE GUARANTEE PERIOD AS PER REQUESTION OF THE OWNER.
- THE OWNER AGREES TO PERFORM ALL LANDSCAPE MAINTENANCE (INCLUDING WATERING) THROUGHOUT THE ONE YEAR GUARANTEE PERIOD UNLESS OTHERWISE DETERMINED.
- ANY PLANT MATERIAL WHICH DIES, TURNS BROWN OR DECEASES PRIOR TO TOTAL ACCEPTANCE OF THE WORK SHALL BE PROMPTLY REMOVED FROM THE SITE & REPLACED WITH MATERIAL OF THE SAME SPECIES, QUALITY, SIZE, & BEING IN ALL PLANT LIST SPECIFICATIONS.
- STANDARDS SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK" ARE ONLY QUALITY SPECIFICATIONS & SHALL BE CONSIDERED MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.

UTILITY NOTES:

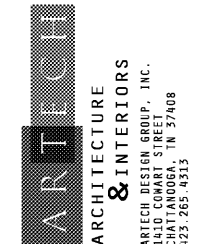
- EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW PIPELINES.
- ALL SERVICE LATERALS SHALL BE MARKED WITH MAGNETIC TAPE.
- UNDERGROUND SHALL BE INSTALLED, TESTED & APPROVED BEFORE BACKFILLING. PRESSURE & LEAKAGE TESTS SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT AWWA STANDARD GOOD UOQU MANUFACTURER'S PROCEDURE.
- PIPE CAST STRUCTURES MAY BE USED AT THE CONTRACTOR'S OPTION.
- ALL CONCRETE TO HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 P.S.I.
- THE SITE UTILITY CONTRACTOR SHALL COOPERATE & WORK WITH OTHER CONTRACTORS PERFORMING WORK ON THIS PROJECT TO INSURE PROPER & TIMELY COMPLETION OF THIS PROJECT.
- UNDERGRANTS SHALL BE NON TOXIC & SHALL NOT PROMOTE BIOLOGICAL GROWTH OR SOLVENT CEMENTED JOINTS NOT PERMITTED.
- WHERE PROPOSED WATER LINE INTERSECTS UNDER ANY PAVED SURFACE, THE TRENCH MUST BE BACK FILLED WITH APPROVED STONE.
- ALL VALVES (G.V.) SHALL BE GATE VALVES WITH CAST IRON BOXES.
- WATER INSTALLATION SHALL BE IN ACCORDANCE WITH TEN STATES STANDARDS & LOCAL UTILITY DISTRICT STANDARDS & REGULATIONS.
- CONNECTION TO THE WATER MAIN SHALL BE MADE UNDER THE SUPERVISION OF THE LOCAL WATER UTILITY.
- BACKS (EXCEPT) WATER LINES IN USE OF FITTINGS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
- ALL WATER LINES SHALL HAVE A MINIMUM COVER OF 36".
- WHERE WATER PIPING CROSSES THE SANITARY SEWER LINE, THE WATER SERVICE WITHIN 10 FEET OF THE POINT OF CROSSING SHALL BE AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER LINE. THE SEWER LINE SHALL BE OF DUCTILE IRON WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF THE CROSSING.
- WATER MUST BE CONSTRUCTED BY A LICENSED MUNICIPAL UTILITY CONTRACTOR (CLASSIFICATION M.U.).
- ALL MATERIALS SHALL BE LISTED & FACTORY MUTUAL APPROVED UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- THRUST BLOCKS SHALL BE PROVIDED AT ALL TEES, ELBOWS & BENDS OF SUFFICIENT SIZE TO COMPLY WITH MINIMUM STANDARDS OF A.P.P.A. - EXISTING SOIL CONDITIONS.
- THE CONTRACTOR SHALL NOTIFY THE WATER SEWER UTILITY & THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION.
- ALL UNDERGROUND JOINTS TO BE D.I.P.'S & SHALL BE LAID ON A MINIMUM SLOPE OF 1:100.
- SANITARY SEWER SERVICE LINES SHOWN AS 4" P.V.C. UNLESS NOTED TO BE D.I.P.'S & SHALL BE LAID ON A MINIMUM SLOPE OF 1:100.
- A CONCRETE ANCHOR BLOCK AS SHOWN ON THE UTILITY DETAIL SHEET SHALL BE POURED AROUND THE FIRST BELL & SPIGOT PIPE JOINT RESTRAINT FROM THE END OF THE WATERLINE.
- THE MECHANICAL RESTRAINT SECURING THE JOINT SHALL BE WRAPPED WITH PLASTIC PRIOR TO THE POURING OF THE CONCRETE. THE INTENT OF THE CONCRETE ANCHOR BLOCK WILL HELP KEEP THE JOINTS FROM SEPARATING NEAR THE END OF THE WATERLINE.
- ALL DUCTILE IRON PIPES TO BE ANMA C-19-81, CLASS 80.
- ALL UNDERGROUND FITTINGS TO BE MECH JOINT ANMA C1120-81, 10, CLASS 200.
- ALL UNDERGROUND VALVES TO BE MECH JOINT ANMA C200, CLASS 200.
- ALL UNDERGROUND JOINTS TO BE TESTED & FLANGED AS PER NFPA 804.
- THE CONTRACTOR SHALL ADJUST LOCATION OF PROPOSED WATER LINES AS REQUIRED TO AVOID CONFLICTS WITH STORM & OTHER UTILITIES.
- FIRE HYDRANTS ARE TO BE INSTALLED SO THAT THE FIRE DEPARTMENT CONNECTION FACES THE STREET.
- THE FIRE HYDRANT CONNECTION IS TO BE NO LESS THAN 18" OR MORE THAN 36" ABOVE FINISHED GRADE.
- PIPE HYDRANTS SHALL BE CLEAR OF ANY OBSTRUCTIONS WITHIN 5 FT. IN ANY DIRECTION PARALLEL WITH THE APPROACH OR THE VISIBILITY OF ANY FIRE HYDRANT, OR F.O.D. (BARRIERS). FIRE HYDRANTS LOCATED IN PARKING AREAS SHALL BE PROTECTED BY BARRIERS THAT WILL PREVENT PHYSICAL DAMAGE BY VEHICLES (NFPA 1141.6.6.8, 8.6.8). PROCEDURE FOR DISINFECTING POTABLE WATER LINES SHALL CONFORM TO THE REQUIREMENTS OF AWWA C901. ALL PIPING FROM THE "POINT OF SERVICE" INCLUDING UNDERGROUND UNDERGROUND FOR SPRINKLER OR IRRIGATION SYSTEM MUST BE INSTALLED BY A GEORGIA REGISTERED SPRINKLER CONTRACTOR (RULE 0780-27-08).
- REFER ALSO TO GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.

ADDITIONAL SANITARY SEWER SYSTEM NOTES:

- EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW PIPELINES.
- ALL SERVICE LATERALS SHALL BE MARKED WITH MAGNETIC TAPE.
- UNDERGROUND SHALL BE INSTALLED, TESTED & APPROVED BEFORE BACKFILLING.
- ALL MANHOLES REQUIRED "NON-REAR" OR DUAL FLANGES SHALL HAVE GRAVEL BEDDING IN ACCORDANCE WITH CITY SANITARY SEWER TRENCH DETAILS.
- PIPE CAST STRUCTURES MAY BE USED AT THE CONTRACTOR'S OPTION.
- CONCRETE IS HELPED TO SURE ANY SEWER CONNECTION TO HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 P.S.I.
- THE SITE UTILITY CONTRACTOR SHALL COOPERATE & WORK WITH OTHER CONTRACTORS PERFORMING WORK ON THIS PROJECT TO INSURE PROPER & TIMELY COMPLETION OF THIS PROJECT.
- CONCRETE MANHOLES ONLY ARE TO BE USED ON THIS PROJECT. NO EXISTING MANHOLES ARE TO BE INSTALLED.
- UNDERGRANTS SHALL BE NON TOXIC & SHALL NOT PROMOTE BIOLOGICAL GROWTH OR SOLVENT CEMENTED JOINTS NOT PERMITTED.
- ALL SERVICE LATERALS SHALL BE MARKED WITH MAGNETIC TAPE.
- THE SANITARY SEWER SYSTEM INSTALLATION SHALL BE IN ACCORDANCE WITH TEN STATES STANDARDS, TDEC STANDARDS & REGULATIONS & THE CITY OF EAST ELLIJAY GULMER COUNTY STANDARDS & SPECIFICATIONS.
- SANITARY SEWER SERVICE LINES SHOWN AS 4" P.V.C. UNLESS NOTED TO BE D.I.P.'S & SHALL BE LAID ON A MINIMUM SLOPE OF 1:100.
- SANITARY SEWER SERVICE LINES SHOWN AS 4" P.V.C. UNLESS NOTED TO BE D.I.P.'S & SHALL BE LAID ON A MINIMUM SLOPE OF 1:100.
- REFER ALSO TO GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.



DETAIL: COMPOSITE FENCE PANEL PRIVACY FENCE & DOUBLE GATE



GEORGIA MOUNTAINS HEALTH SERVICES, INC.
 HIGHLAND CROSSING SOUTH TRACT G
 EAST ELLIJAY, GEORGIA



ISSUE DATES

INITIAL	DATE
1.	09-04-2020
2.	
3.	
4.	
5.	
6.	

JOB NO 19-068 D'WN JP CKD NH

C6.0

GENERAL NOTES & DETAILS

March Adams & Associates
 Consulting Engineers
 310 Dodds Ave.
 P.O. Box 3689
 Chattanooga, Tennessee 37404
 PH: (423)698-6675
 MAA #: 20109