# LEGEND

PROPOSED / DESCRIPTION / EXISTING

- DOUBLE WING CATCH BASIN
- SINGLE WING CATCH BASIN
- HOODED CATCH BASIN
- GRATE INLET / DROP INLET
- FLARED END SECTION
- HEADWALL
- OUTLET CONTROL STRUCTURE
- SANITARY SEWER MANHOLE
- STORM SEWER MANHOLE
- WEIR INLET
- YARD INLET
- DIRECTIONAL ARROWS (FOR INFORMATION ONLY TO INDICATE TRAFFIC FLOW)
- DIRECTIONAL ARROWS ON PAVEMENT
- CLEANOUT
- ELECTRIC MANHOLE
- ELECTRIC BOX
- CABLE TV BOX
- TELEPHONE MANHOLE
- LIGHT POLE
- POWER POLE
- POWER POLE WITH LIGHT
- POWER POLE WITH GUY WIRE
- POWER LINE
- TELEPHONE LINE
- CABLE TELEVISION LINE
- NATURAL GAS LINE
- VALVE
- WATER LINE (POTABLE)
- WATER LINE (NON-POTABLE)
- REUSE WATER LINE
- METER
- WATER PIPE REDUCER
- FIRE HYDRANT
- PLUGGED STUB
- WELL
- MONITORING WELL
- AIR VENT
- SANITARY SEWER PIPE
- SANITARY SEWER FORCEMAIN
- STORM DRAINAGE PIPE
- PROPERTY LINE
- PARCEL LINE
- RIGHT OF WAY LINE
- SETBACK LINE
- CREEK
- ACCESS EASEMENT
- FENCE
- CONTOUR LINE WITH ELEVATION
- SPOT ELEVATION
- FLOW ARROW
- TREE LINE
- SIGNIFICANT TREES
- GUARD RAIL
- LOT NUMBER
- PARCEL NUMBER
- NUMBER OF PARKING SPACE NUMBER
- SIGN w/POST
- DOUBLE SIGN w/POST
- BOLLARD
- WHEEL STOP
- HANDICAP PARKING
- SATELLITE DISH
- ROCK BORE LOCATION
- PROPERTY CORNER
- GIS BENCHMARK
- TRAVERSE POINT
- RIGHT OF WAY MONUMENT
- IRON PIN FOUND
- IRON PIN SET
- WETLAND AREA
- LAND LOT LINE
- LAND LOT NUMBER

## GENERAL CONSTRUCTION NOTES

1. ALL CONSTRUCTION SHALL CONFORM TO PLANS FOR THIS PROJECT. ALL ITEMS NECESSARY FOR A COMPLETE AND WORKABLE JOB SHALL BE FURNISHED AND INSTALLED.
2. ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, CENTER OF COLUMN, EDGE OF PAVEMENT, CENTERLINE OF PIPE, OR CENTER OF STRUCTURE UNLESS OTHERWISE NOTED.
3. EQUIPMENT AND MATERIALS SHALL BE STORED IN AREAS DESIGNATED BY THE OWNER. CONSTRUCTION AND STORAGE AREAS SHALL BE KEPT NEAT AND CLEAN. TREE SAVE AREAS SHALL NOT BE USED FOR STORAGE OR PARKING.
4. THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF ALL TIE-IN POINTS FOR THE INSTALLATION OF UTILITIES, CURB & GUTTER, AND PAVEMENT PRIOR TO CONSTRUCTION. NOTIFY ENGINEER IMMEDIATELY IF DIFFERENT THAN AS SHOWN ON PLANS.
5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS IMMEDIATELY UPON DISCOVERY.
6. ALL WORK WILL COMPLY WITH APPLICABLE STATE AND LOCAL CODES, SPECIFICATIONS AND REQUIREMENTS. ALL NECESSARY LICENSES AND PERMITS SHALL BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE. CONTRACTOR SHALL VERIFY THAT ALL NECESSARY PERMITS AND APPROVALS ARE OBTAINED PRIOR TO CONSTRUCTION.
7. DEVIATIONS FROM THESE PLANS, NOTES AND SPECIFICATIONS WITHOUT PRIOR WRITTEN CONSENT OF THE OWNER, HIS REPRESENTATIVE OR THE ENGINEER MAY RESULT IN THE WORK BEING UNACCEPTABLE BY THE OWNER, AND REDONE TO MEET THE PLANS, NOTES AND SPECIFICATIONS.
8. THE CONTRACTOR IS RESPONSIBLE FOR ALL SITE SAFETY AS WELL AS THE MEANS, METHODS AND METHODS OF CONSTRUCTION.
9. CONTRACTOR SHALL COORDINATE CONSTRUCTION TRAFFIC AND GENERAL PUBLIC TRAFFIC ROUTING WITH OWNER AND APPROPRIATE REGULATING AGENCY PRIOR TO CONSTRUCTION.
10. CONTRACTOR SHALL NOT WILLINGLY PROCEED WITH CONSTRUCTION IN A PARTICULAR AREA WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTION AND/OR DIFFERENCES FROM EXISTING CONDITIONS THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
11. CITY/COUNTY/STATE INSPECTORS MAY REQUIRE CHANGES TO THE DRAWINGS AND/OR SPECIFICATIONS BASED ON THEIR INSPECTION. CONTRACTOR SHALL BRING ANY REQUIRED CHANGES TO THE ENGINEERS ATTENTION IMMEDIATELY.
12. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES AROUND THE WORK AND SHALL PROVIDE PROTECTION AGAINST WATER DAMAGE AND SOIL EROSION.
13. ALL WORK SHALL BE PERFORMED AND FINISHED IN A WORKMANLIKE MANNER TO THE ENTIRE SATISFACTION OF THE OWNER, AND IN ACCORDANCE WITH THE BEST RECOGNIZED TRADE PRACTICES.
14. ALL MATERIAL SHALL BE NEW – NO USED OR SALVAGED MATERIALS.
15. ALL BUFFERS AND TREE SAVE AREAS SHALL BE CLEARLY IDENTIFIED WITH FLAGGING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE ACTIVITIES.
16. CONTRACTOR SHALL IMMEDIATELY INFORM THE ENGINEER OF ANY DISCREPANCIES OR ERRORS HE DISCOVERS IN THE PLANS.
17. CONTRACTOR SHALL PROVIDE RECORD DRAWINGS AS REQUIRED IN THE GENERAL CONDITIONS.
18. THIS PLAT IS NOT FOR RECORDING.
19. UTILITY LOCATIONS ARE SHOWN TO THE BEST KNOWLEDGE OF THE ENGINEER. CONTRACTOR IS SOLELY RESPONSIBLE FOR FIELD VERIFICATION OF ALL UTILITIES AND WILL NOT BE ENTITLED TO ANY EXTRA COMPENSATION ON ACCOUNT OF INACCURACY OR INCOMPLETENESS OF SUCH INFORMATION.
20. MAXIMUM CUT OR FILL SLOPES ARE 2 HORIZONTAL TO 1 VERTICAL.
21. UTILITY COORDINATION SHALL BE INCLUDED IN THE PROJECT SCHEDULE AND IS THE EXCLUSIVE RESPONSIBILITY OF THE CONTRACTOR TO ASSURE THAT THE PROJECT SCHEDULE INCLUDES THE NECESSARY RELOCATIONS. THE CONTRACTOR WILL NOT BE PAID ADDITIONALLY FOR THIS COORDINATION. THE CONTRACTOR SHOULD SEEK ASSISTANCE FROM ALL UTILITY COMPANIES TO LOCATE AND PROTECT THEIR FACILITIES.
22. CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES AND PRECAUTIONS TO ASSURE THAT EXISTING SEWER LINES, FORCE MAIN LINES, AND WATER LINES REMAIN FUNCTIONAL AND UNDISTURBED.
23. ALL WORK SHALL BE PERFORMED AND FINISHED IN A WORKMANLIKE MANNER TO THE ENTIRE SATISFACTION OF THE OWNER AND IN ACCORDANCE WITH THE BEST RECOGNIZED TRADE PRACTICES.
24. CONTRACTOR IS RESPONSIBLE FOR ADDITIONAL STAGING AND/OR STORAGE REQUIRED OUTSIDE OF THE EASEMENTS PROVIDED BY OWNER. CONTRACTOR TO ALSO LOCATE STAGING AREAS AND EQUIPMENT MAINTENANCE AREAS (PARTICULARLY FOR OIL CHANGES) AT LEAST 200 FEET FROM STREAM BANKS TO MINIMIZE THE POTENTIAL FOR WASH WATER, PETROLEUM PRODUCTS, OR OTHER CONTAMINANTS FROM CONSTRUCTION EQUIPMENT ENTERING THE STREAMS.

## SITE CLEARING & SITE DEMOLITION NOTES

1. CONTRACTOR SHALL CLEARLY MARK AND MAINTAIN PROPERTY CORNER MONUMENTS AND BENCHMARKS AND WILL BE RESPONSIBLE FOR THE COST OF REPLACING THEM IF DISTURBED OR DESTROYED.
2. THE CONTRACTOR SHALL MARK THE LIMITS OF CLEARING AND DEMOLITION AND ALL BUFFERS STAKED WITH FLAGGING STRUNG BETWEEN ANGLE POINTS TO ENSURE THE PROPER LOCATION OF THE TREE SAVE FENCE AND PROPOSED IMPROVEMENTS PRIOR TO CLEARING AND DEMOLITION.
3. CONTRACTOR SHALL PROTECT ALL ADJACENT LANDS FROM DAMAGE DURING CLEARING & DEMOLITION WORK. ANY OFF-SITE AREAS DISTURBED SHALL BE RETURNED TO A CONDITION EQUAL TO OR BETTER THAN THE EXISTING CONDITION AT NO ADDITIONAL COST TO THE OWNER.
4. NO CLEARING OR DEMOLITION MATERIALS SHALL BE DISPOSED OF ON-SITE. ALL DEBRIS SHALL BE HAULED OFF-SITE TO DISPOSAL AREAS APPROVED BY THE STATE OF GEORGIA FOR THE HANDLING OF CLEARING & DEMOLITION MATERIALS.
5. ALL VEGETATION (UNLESS OTHERWISE NOTED), ROOT SYSTEMS, TOPSOIL, REFUSE, OTHER DELETERIOUS MATERIAL, EXISTING PAVEMENTS, CURBS, ORGANICS AND UNSUITABLE BEARING SOILS SHALL BE STRIPPED FROM THE SURFACE WITHIN THE CONSTRUCTION LIMITS AND DISPOSED OF OFFSITE TO A DISPOSAL AREA APPROVED BY THE STATE OF GEORGIA FOR THE HANDLING OF CLEARING & DEMOLITION MATERIALS.
6. CLEAN TOP SOIL MAY BE STOCKPILED IN AN AREA APPROVED BY THE ENGINEER AND REUSED LATER IN THE TOP 4" OF LANDSCAPED AREAS ONLY. EXCESS TOPSOIL SHALL BE DISPOSED OF OFFSITE.
7. ALL STRUCTURES NOT IDENTIFIED FOR DEMOLITION SHALL BE PROTECTED FROM DAMAGE DURING ALL PHASES OF CONSTRUCTION. ANY STRUCTURES THAT ARE TO REMAIN THAT ARE DAMAGED SHALL BE REPAIRED BY THE CONTRACTOR TO A CONDITION EQUAL TO OR BETTER THAN THE EXISTING CONDITION AT NO ADDITIONAL COST TO THE OWNER.
8. CONSTRUCTION ENTRANCE, SILT FENCE AND ANY OTHER REQUIRED EROSION CONTROL DEVICE SHALL BE IN PLACE PRIOR TO CLEARING & DEMOLITION OPERATIONS.
9. DISCONNECT AND SEAL OFF ABANDONED UTILITIES AND UTILITIES TO BE REMOVED PRIOR TO START OF DEMOLITION. UTILITIES SHALL BE DISCONNECTED BELOW EXISTING GRADE OR OUTSIDE OF CONTRACT LIMITS BY THE APPLICABLE UTILITY OWNER. ALL COSTS FOR THIS WORK SHALL BE BORNE BY THE CONTRACTOR.
10. ALL STRUCTURES TO BE DEMOLISHED SHALL BE COMPLETELY REMOVED ABOVE AND BELOW GRADE. ABANDONED SERVICE LINES TO THE STRUCTURES SHALL ALSO BE REMOVED.
11. CONTRACTOR TO PROVIDE ALL NECESSARY BARRICADES, SUFFICIENT LIGHTS, SIGNS AND OTHER TRAFFIC CONTROL MEASURES AS MAY BE NECESSARY FOR THE PROTECTION AND SAFETY OF THE PUBLIC THROUGHOUT CLEARING, DEMOLITION AND CONSTRUCTION IN COMPLIANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" CURRENT EDITION, THE GEORGIA D.O.T. SPECIFICATIONS SECTION 150 AND ANY RULES AND REGULATIONS OF THE LOCAL AUTHORITY HAVING JURISDICTION OVER THIS PROJECT.
12. THE EXISTING TREES SHOWN ON THESE PLANS ARE ONLY BE THE MINIMAL AMOUNT SURVEYED AS REQUIRED FOR PERMITTING. THE SITE MAY HAVE ADDITIONAL TREES BEYOND THAT WHICH IS SHOWN. THE CONTRACTOR SHALL VISIT THE SITE BEFORE BIDDING HIS BID TO INVESTIGATE THE AMOUNT OF EXISTING TREES THAT WILL NEED TO BE REMOVED WITHIN THE LIMITS OF CLEARING.

## REFERENCES

1. TOPOGRAPHIC INFORMATION BASED ON A TOPOGRAPHIC SURVEY FOR UNION COUNTY GOVERNMENT, DATED 03-23-15 AND PREPARED BY HAYES, JAMES & ASSOCIATES, INC, 3030 E. FIRST STREET, SUITE 1, BLUE RIDGE, GEORGIA 30513 (706) 632-4081.
2. THE SURVEY INDICATES THAT THIS PROPERTY DOES LIE WITHIN A FLOOD HAZARD ZONE AE AS IDENTIFIED ON A F.I.R.M. COMMUNITY PANEL NO. 13291C0038 D DATED 09-25-2007 AS PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY - FEDERAL HAZARD INSURANCE ADMINISTRATION.
3. THIS SITE DOES NOT CONTAIN WETLANDS.
4. LAKE DOES NOT EXIST WITHIN 200' OF THE SITE.
5. BOUNDARY INFORMATION BASED ON UNION COUNTY TAX RECORDS.
6. SITE DOES NOT CONTAIN STATE WATERS WHICH ARE SUBJECT TO A 25-FOOT STATE WATERS BUFFER AND A 50-FOOT UNDISTURBED COUNTY BUFFER FROM TOP OF BANK OR EDGE OF WATER.

## UTILITY NOTES

1. ALL IMPROVEMENTS TO CONFORM WITH UNION COUNTY CONSTRUCTION STANDARDS AND SPECIFICATIONS (LATEST EDITION). THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE APPLICABLE UTILITY AND OBTAINING THE APPLICABLE SPECIFICATIONS.
2. CONTRACTOR TO NOTIFY UNION COUNTY INSPECTOR DEPARTMENT 24 HOURS PRIOR TO BEGINNING EVERY PHASE OF CONSTRUCTION. PHONE: 706-439-6000.
3. ALL WORK SHALL COMPLY WITH APPLICABLE STATE, FEDERAL, AND LOCAL CODES AND ALL NECESSARY LICENSES AND PERMITS SHALL BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE UNLESS PREVIOUSLY OBTAINED BY THE OWNER.
4. ALL WORK PERFORMED ON COUNTY RIGHT-OF-WAYS SHALL BE IN STRICT CONFORMANCE WITH APPLICABLE UNION COUNTY STANDARDS & SPECIFICATIONS.
5. ANY WORK AFFECTING TRAFFIC FLOW OR SAFETY SHALL BE DONE IN ACCORDANCE WITH AND APPROVED BY UNION COUNTY ENGINEERING DEPARTMENT AND GEORGIA D.O.T.
6. ALL MATERIAL SHALL BE NEW UNLESS USED OR SALVAGED MATERIALS ARE APPROVED BY THE OWNER IN WRITING.
7. RIP-RAP SHALL BE PLACED AT ALL STORM DRAIN HEADWALLS AND CONSIST OF 50 POUND STONES.
8. ALL DISTURBED AREAS TO BE RETURNED TO EXISTING GRADE AS SOON AS CONSTRUCTION PHASES PERMIT.
9. THERE WILL BE NO DISPOSAL OF DEBRIS ONSITE. ALL CONSTRUCTION DEBRIS SHALL BE REMOVED AND DISPOSED OF PROPERLY BY THE CONTRACTOR.
10. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF ALL INFRASTRUCTURE FOR A ONE YEAR PERIOD FOLLOWING FINAL ACCEPTANCE OF THE PROJECT BY UNION COUNTY.
11. CONTRACTOR TO NOTIFY UTILITY PROTECTION AGENCY 72 HOURS PRIOR TO START OF WORK. PHONE: 811.
12. ALL PERMANENT SANITARY SEWER EASEMENTS SHOULD BE DRIVABLE WITH NO CROSS SLOPES OVER 14%.
13. CONSTRUCTION DEBRIS, LIQUID CONCRETE, OLD RIP-RAP, OLD SUPPORT MATERIALS, AND OTHER LITTER IN STREAMS OR IN AREAS OF POTENTIAL MIGRATION INTO THE STREAM IS PROHIBITED.
14. NO BURY PITS ALLOWED.
15. NO FENCES, STRUCTURES, OR OTHER OBSTRUCTIONS ALLOWED WITHIN SANITARY SEWER EASEMENTS UNLESS OTHERWISE SHOWN IN DRAWINGS.
16. LIMITS OF CLEARING SHALL BE WITHIN THE TEMPORARY CONSTRUCTION EASEMENTS DELINEATED ON THESE PLANS.
17. ALL MANHOLES SHALL USE CAST IN BOLT DOWN RING, COVER AND GASKET.
18. ALL PIPE BEDDING SHALL BE TYPE III UNLESS OTHERWISE NOTED IN THE DRAWINGS.
19. UNION COUNTY MAY HAVE AN APPROVED CONTRACTOR LIST FOR INSTALLATION AND/OR MANUFACTURER OF UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE COUNTY TO OBTAIN THE APPLICABLE LIST.

## ABBREVIATIONS

| | | |
|---|---|---|
| AE – ACCESS EASEMENT | GI – GRATE INLET | P.O.C. – POINT OF COMMENCEMENT |
| A.K.A. – ALSO KNOWN AS | GM – GAS METER | PROP – PROPOSED |
| APPROX – APPROXIMATE | GMD – GEORGIA MILITIA DISTRICT | PT – POINT OF TANGENCY |
| ARV – AIR RELEASE VALVE | G.P.S. – GLOBAL POSITIONING SYSTEM | PVMT – PAVEMENT |
| B&D – BEARING AND DISTANCE | GV – GAS VALVE | PVC – POLYVINYL CHLORIDE PIPE |
| BC – BACK OF CURB | HDPE – HIGH DENSITY POLYETHYLENE | R – RADIUS |
| BCCMP – BITUMINOUS COATED CMP | HGL – HYDRAULIC GRADE LINE | RCP – REINFORCED CONCRETE PIPE |
| BLDG – BUILDING | H.E.P. – HOUSE ELEVATION PLAN | R.D.P. – RESIDENTIAL DRAINAGE PLAN |
| B.L. – BUILDING LINE | HP – HIGH POINT | REV – REVISED OR REVISION |
| BM – BENCHMARK | HW – HEADWALL | R/W – RIGHT OF WAY |
| CB – CATCH BASIN | ID – INSIDE DIAMETER | SD – STORM DRAIN |
| C & G – CURB & GUTTER | IE – INVERT ELEVATION | SS – SANITARY SEWER |
| CL – CENTERLINE | IN – INCH | SSE – SANITARY SEWER EASEMENT |
| CMF – CONCRETE MONUMENT FOUND | IPF – IRON PIN FOUND | ST – STORM SEWER LINE |
| CMP – CORRUGATED METAL PIPE | IPS – IRON PIN SET | STA – STATION NUMBER |
| CMS – CONCRETE MONUMENT SET | JB – JUNCTION BOX | SW – SIDEWALK |
| CO – CLEANOUT | JT – JOINT | SWCB – SINGLE WINGED CATCH BASIN |
| CONC – CONCRETE | LF – LINEAR FEET | TC – TOP OF CURB ELEVATION |
| DE – DRAINAGE EASEMENT | LL – LAND LOT LINE | TOB – TOP OF BANK |
| DI – DROP INLET | LOD – LIMITS OF DISTURBANCE | TPF – TREE PROTECTION FENCING |
| DIA – DIAMETER | LP – LIGHT POLE | T.P.O.B. – TRUE POINT OF BEGINNING |
| DIP – DUCTILE IRON PIPE | MH – MANHOLE | UG – UNDERGROUND |
| DWCB – DOUBLE WING CATCH BASIN | MISC – MISCELLANEOUS | VCP – VITRIFIED CLAY PIPE |
| EG – EXISTING GRADE | MSL – MEAN SEA LEVEL | W – WATER |
| EP – EDGE OF PAVEMENT | N/F – NOW OR FORMERLY | WM – WATER METER |
| ESMT – EASEMENT | NTS – NOT TO SCALE | WV – WATER VALVE |
| FH – FIRE HYDRANT | NO – NUMBER | YI – YARD INLET |
| F.I.R.M. – FEDERAL INSURANCE RATE MAP | NPW – NON-POTABLE WATER | |
| FM – SEWER FORCE MAIN | OCS – OUTLET CONTROL STRUCTURE | |
| FP – FLOOD PLAIN | PC – POINT OF CURVATURE | |
| FT – FOOT/FEET | PL – PROPERTY LINE | |
| G – GAS | P.O.B. – POINT OF BEGINNING | |

UTILITIES PROTECTION CENTER

CALL FREE 811

THREE WORKING DAYS BEFORE YOU DIG

NOTE:
1. NOTIFY UNION COUNTY INSPECTOR 24 HOURS BEFORE THE BEGINNING PHASE OF CONSTRUCTION. (706) 439-6000


Hayes James

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Phone: (706) 439-6000

Contact: LARRY GARRETT
(706) 439-6000



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ISSUE

| No. | Description | By | App. | Date |
|---|---|---|---|---|


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Project Title

UNION COUNTY SPLASH PAD

Project Location
Address: 11 POOL LANE
City, State Zip: BLAIRSVILLE, GA 30512
Land Lot: 311
District-Section: 9TH DISTRICT-1ST SECTION
County: UNION

Project No.: 13-546c
Drawn By: PD
Checked By: MS
Initial Issue Date: 03-18-2015

Sheet Title

General Notes & Legend

Sheet Number

C-01