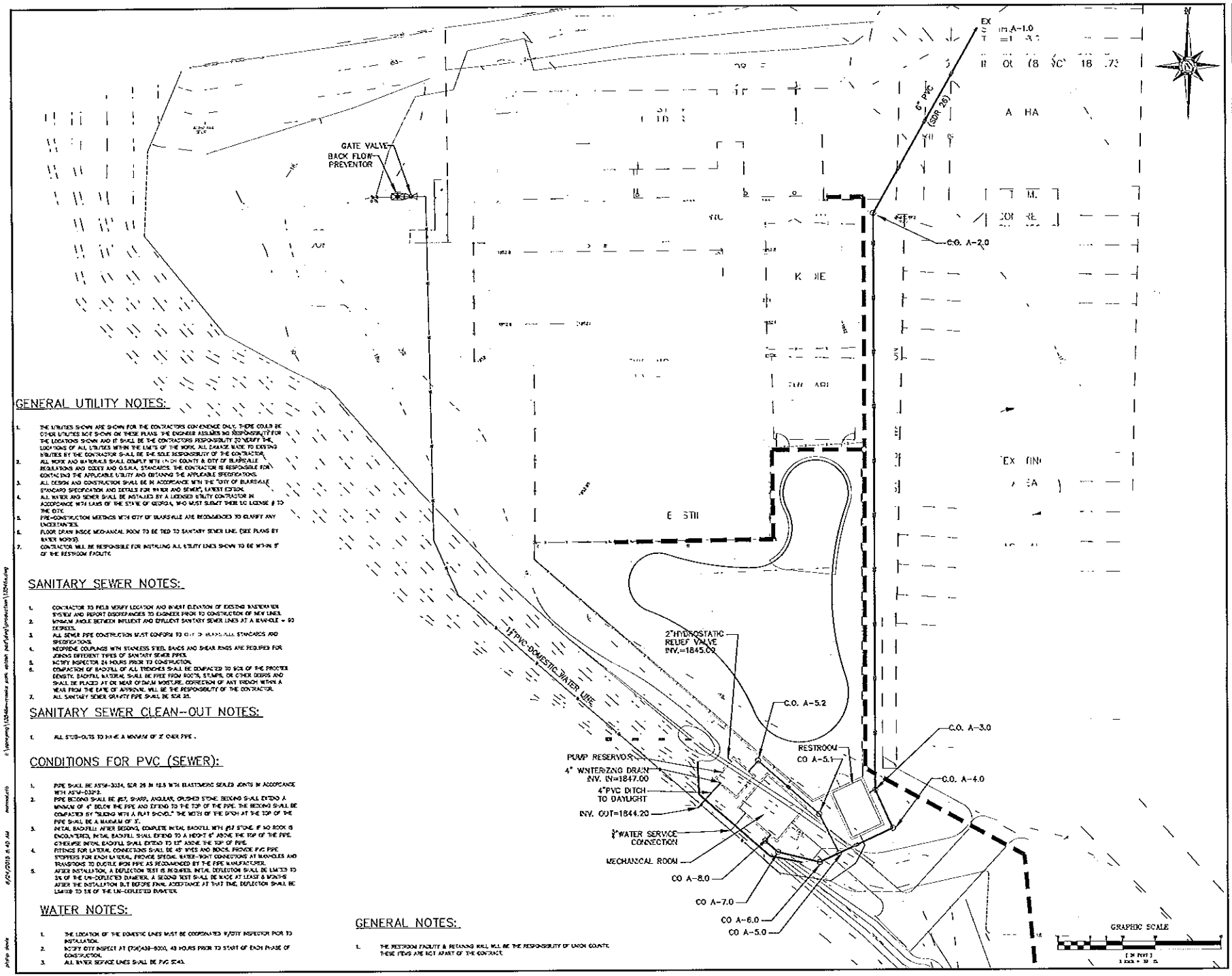

GENERAL UTILITY NOTES:

1. THE UTILITIES SHOWN ARE SHOWN FOR THE CONTRACTORS CONVENIENCE ONLY. THERE COULD BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY THE LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF THE WORK. ALL DAMAGE MADE TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
2. ALL WORK AND MATERIALS SHALL COMPLY WITH UNION COUNTY & CITY OF BLAIRSVILLE REGULATIONS AND CODES AND O.S.H.A. STANDARDS. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE APPLICABLE UTILITY AND OBTAINING THE APPLICABLE SPECIFICATIONS.
3. ALL DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "CITY OF BLAIRSVILLE STANDARD SPECIFICATION AND DETAILS FOR WATER AND SEWER", LATEST EDITION.
4. ALL WATER AND SEWER SHALL BE INSTALLED BY A LICENSED UTILITY CONTRACTOR IN ACCORDANCE WITH LAWS OF THE STATE OF GEORGIA, WHO MUST SUBMIT THEIR LIC LICENSE # TO THE CITY.
5. PRE-CONSTRUCTION MEETINGS WITH CITY OF BLAIRSVILLE ARE RECOMMENDED TO CLARIFY ANY UNCERTAINTIES.
6. FLOOR DRAIN INSIDE MECHANICAL ROOM TO BE TIED TO SANITARY SEWER LINE. (SEE PLANS BY OTHERS)
7. CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLING ALL UTILITY LINES SHOWN TO BE WITHIN 5' OF THE RESTROOM FACILITY.

SANITARY SEWER NOTES:

1. CONTRACTOR TO FIELD VERIFY LOCATION AND INVERT ELEVATION OF EXISTING WASTEWATER SYSTEM AND REPORT DISCREPANCIES TO ENGINEER PRIOR TO CONSTRUCTION OF NEW LINES.
2. MINIMUM ANGLE BETWEEN INFLUENT AND EFFLUENT SANITARY SEWER LINES AT A MANHOLE = 90 DEGREES.
3. ALL SEWER PIPE CONSTRUCTION MUST CONFORM TO CITY OF BLAIRSVILLE STANDARDS AND SPECIFICATIONS.
4. NEOPRENE COUPLINGS WITH STAINLESS STEEL BANDS AND SHEAR RINGS ARE REQUIRED FOR JOINING DIFFERENT TYPES OF SANITARY SEWER PIPES.
5. NOTIFY INSPECTOR 24 HOURS PRIOR TO CONSTRUCTION.
6. COMPACTION OF BACKFILL OF ALL TRENCHES SHALL BE COMPACTED TO 90% OF THE PROCTOR DENSITY. BACKFILL MATERIAL SHALL BE FREE FROM ROCKS, STUMPS, OR OTHER DEBRIS AND SHALL BE PLACED AT OR NEAR OPTIMUM MOISTURE. CORRECTION OF ANY TRENCH WITHIN A YEAR FROM THE DATE OF APPROVAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
7. ALL SANITARY SEWER GRAVITY PIPE SHALL BE SDR 35.

SANITARY SEWER CLEAN-OUT NOTES:

1. ALL STUB-OUTS TO HAVE A MINIMUM OF 2' OVER PIPE.

CONDITIONS FOR PVC (SEWER):

1. PIPE SHALL BE ASTM-3034, SCH 26 IN 12.5 WITH ELASTOMERIC SEALED JOINTS IN ACCORDANCE WITH ASTM-D3212.
2. PIPE BEDDING SHALL BE #57, SHARP, ANGULAR, CRUSHED STONE. BEDDING SHALL EXTEND A MINIMUM OF 4" BELOW THE PIPE AND EXTEND TO THE TOP OF THE PIPE. THE BEDDING SHALL BE COMPACTED BY "SLICING WITH A FLAT SHOVEL". THE WIDTH OF THE DITCH AT THE TOP OF THE PIPE SHALL BE A MAXIMUM OF 3'.
3. INITIAL BACKFILL: AFTER BEDDING, COMPLETE INITIAL BACKFILL WITH #57 STONE. IF NO ROCK IS ENCOUNTERED, INITIAL BACKFILL SHALL EXTEND TO A MIN-T 6" ABOVE THE TOP OF THE PIPE. OTHERWISE INITIAL BACKFILL SHALL EXTEND TO 12" ABOVE THE TOP OF PIPE.
4. FITTINGS FOR LATERAL CONNECTIONS SHALL BE 45° WYES AND BENDS. PROVIDE PVC PIPE STUBBED FOR EACH LATERAL. PROVIDE SPECIAL WATER-TIGHT CONNECTIONS AT MANHOLES AND TRANSITIONS TO DUCTILE IRON PIPE AS RECOMMENDED BY THE PIPE MANUFACTURER.
5. AFTER INSTALLATION, A DEFLECTION TEST IS REQUIRED. INITIAL DEFLECTION SHALL BE LIMITED TO 5% OF THE UN-DEFLECTED DIAMETER. A SECOND TEST SHALL BE MADE AT LEAST 6 MONTHS AFTER THE INSTALLATION BUT BEFORE FINAL ACCEPTANCE AT THAT TIME, DEFLECTION SHALL BE LIMITED TO 5% OF THE UN-DEFLECTED DIAMETER.

WATER NOTES:

1. THE LOCATION OF THE DOMESTIC LINES MUST BE COORDINATED W/CITY INSPECTOR PRIOR TO INSTALLATION.
2. NOTIFY CITY INSPECT AT (706)439-6000, 48 HOURS PRIOR TO START OF EACH PHASE OF CONSTRUCTION.
3. ALL WATER SERVICE LINES SHALL BE PVC SCH40.

GENERAL NOTES:

1. THE RESTROOM FACILITY & RETAINING WALL WILL BE THE RESPONSIBILITY OF UNION COUNTY. THESE ITEMS ARE NOT APART OF THE CONTRACT.

Hayes James
ENGINEERS PLANNERS & SURVEYORS
4145 SHACKLEFORD ROAD
SUITE 500
NORCROSS, GEORGIA 30093
TEL: (770) 923-1500
FAX: (770) 923-4202

UNION COUNTY GOVERNMENT
65 COURTHOUSE ST, SUITE 1
BLAIRSVILLE, GA 30512
Phone: (706) 439-6000

Contact: LARRY GARRETT
(706) 439-6000

No.	Description	Date	By	Appr.

ISSUE

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Project Title

UNION COUNTY SPLASH PAD

Project Location
Address: 111 POOL LANE
City, State Zip: BLAIRSVILLE, GA 30512
Land Lot: 211
District Section: 3RD DISTRICT-1ST SECTION
County: UNION

Project No.	13-046-c
Drawn By:	PD
Checked By:	MB
Initial Issue Date:	03-06-2015

Sheet Title

UTILITY PLAN

Sheet Number

C-05