



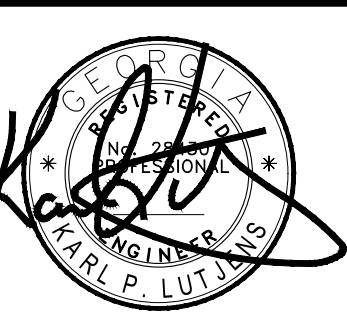


\*CONTRACTOR TO VERIFY ALL UTILITIES, STORM, ETC AND REMOVE/RELOCATED ANY THAT WILL BE IN CONFLICT WITH THE PROPOSED DEVELOPMENT.

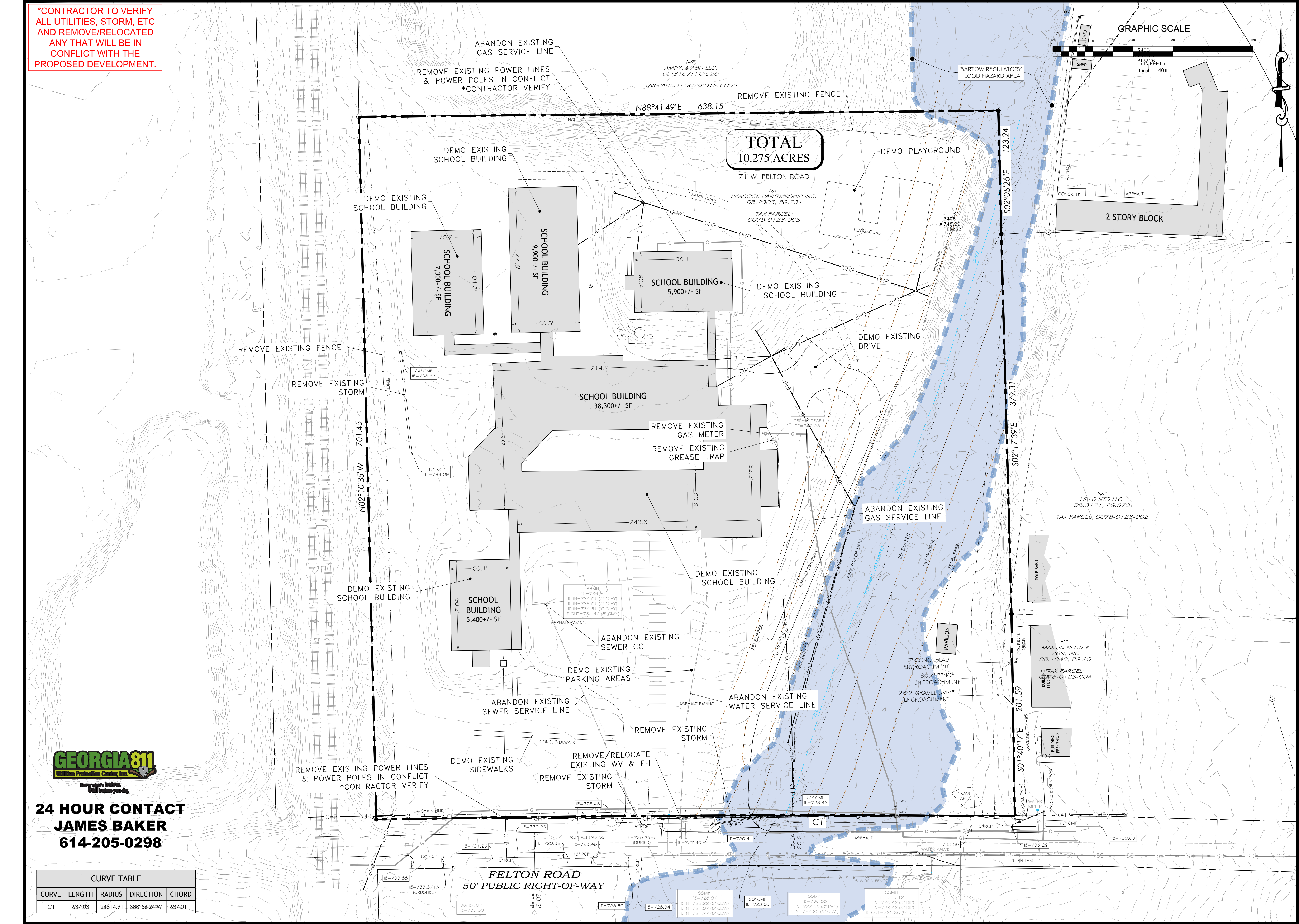
PROJECT NO.: 22036  
DATE: 08/05/2022  
REVISIONS: 1 2 3 4 5 6

**SOUTHLAND ENGINEERING**  
CIVIL ENGINEERS - LAND SURVEYORS - LAND PLANNERS  
114 OLD MILL ROAD, CARTERSVILLE, GA 30120 PH: 770.387.0440 FAX: 770.607.5151

**THE CLOVERLEAF CONDO-STYLE TOWNHOMES**  
LAND LOT 123, 4TH DISTRICT, 3RD SECTION, BARTOW COUNTY, GEORGIA



SHEET TITLE: EXISTING CONDITIONS & DEMO PLAN  
SHEET NO.: C101



24 HOUR CONTACT  
JAMES BAKER  
614-205-0298

CURVE TABLE

CURVE	LENGTH	RADIUS	DIRECTION	CHORD
C1	637.03	24814.91	S88°56'24\"	637.01



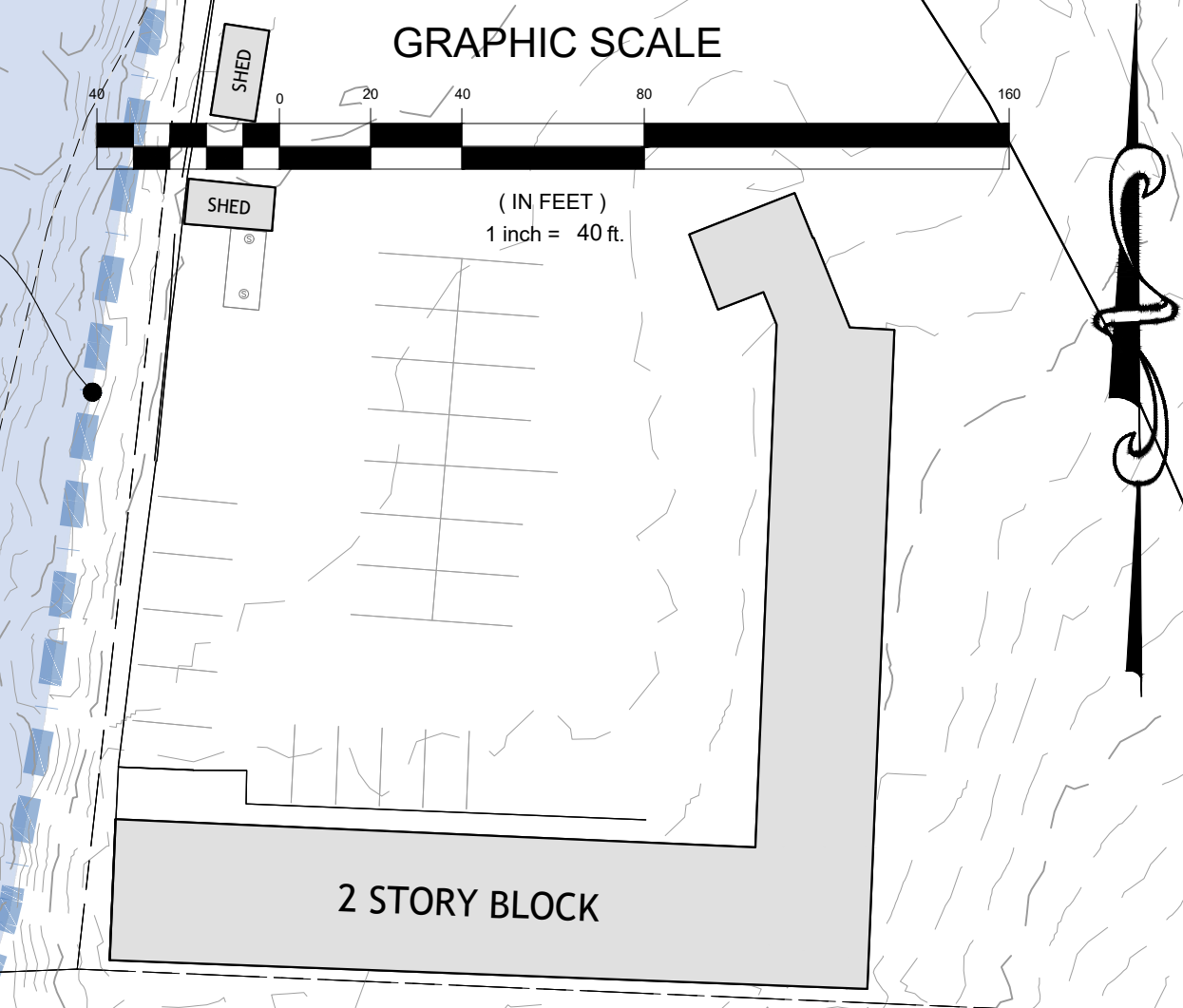
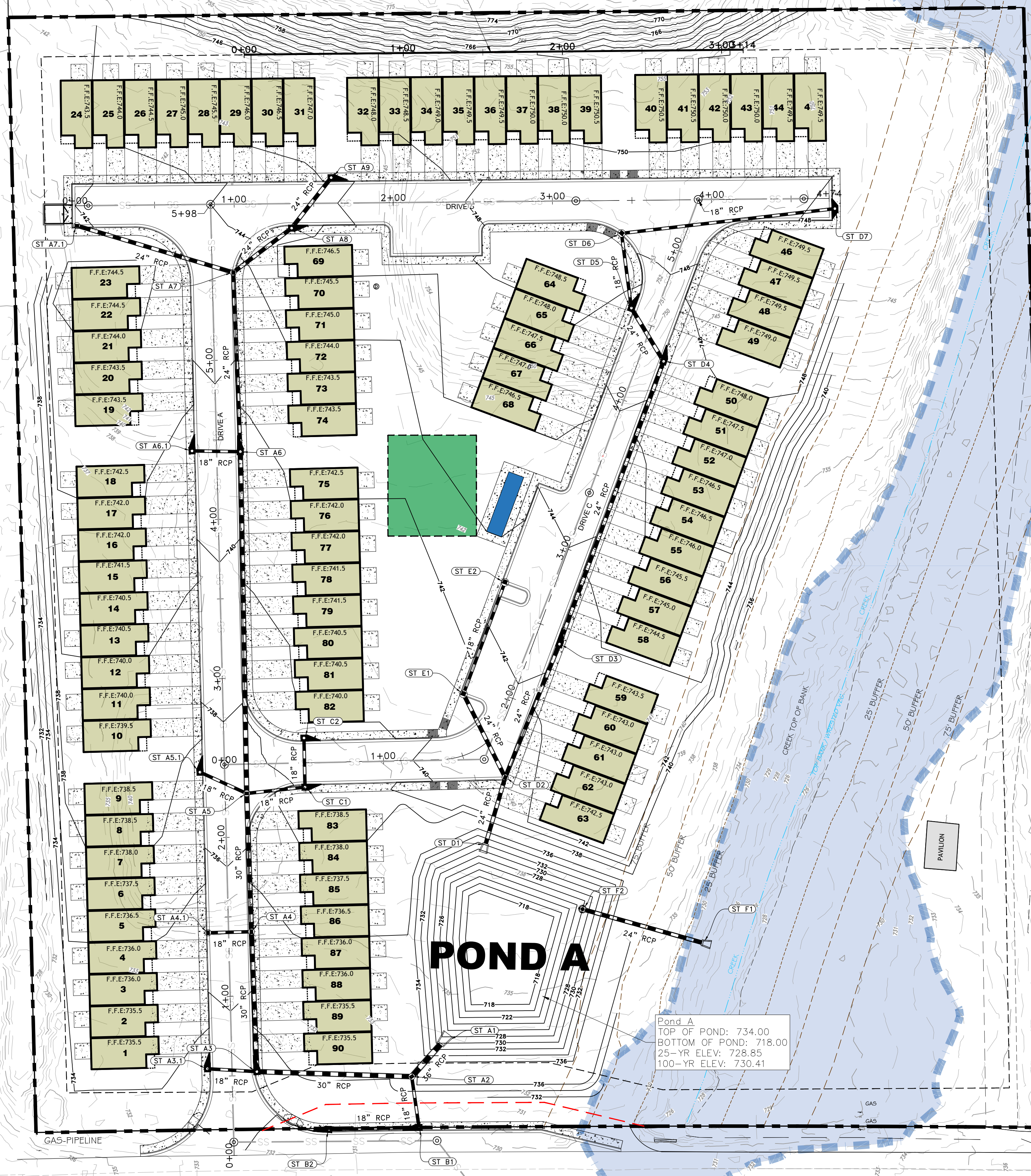






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**JAMES BAKER**  
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*L&N RAILROAD*  
*100' PRIVATE RIGHT-OF-WAY*



BARTOW REGULATORY  
FLOOD HAZARD AREA

WALL A

**POND A**

Pond A  
TOP OF POND: 734.00  
BOTTOM OF POND: 718.00  
25-YR ELEV: 728.85  
100-YR ELEV: 730.41

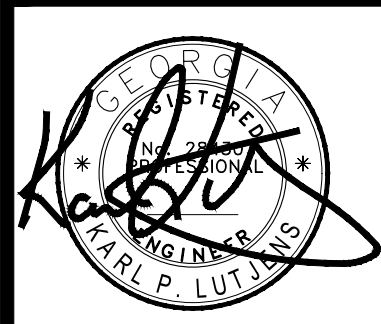
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**THE CLOVERLEAF**  
**CONDO-STYLE TOWNHOMES**  
LAND LOT 123, 4TH DISTRICT,  
3RD SECTION, BARTOW COUNTY, GEORGIA



SHEET TITLE:  
**GRADING PLAN**

SHEET NO.:  
C401















1

**EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST  
STAND ALONE CONSTRUCTION PROJECTS**

SWCD:           MOUNTAIN DISTRICT          

Project Name:           THE CLOVERLEAF           Address:           W FELTON ROAD            
City/County:           BARTOW COUNTY           Date on Plans:           8/5/22          

Name & email of person filling out checklist:           MISSAEL GONZALEZ; mgonzalez@southlandengineers.com          

Plan Included TO BE SHOWN ON ES&PC PLAN  
Page # Y/N

- C507  1 The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted.  
*(The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed)*
- C509  2 Level II certification number issued by the Commission, signature and seal of the certified design professional.  
*(Signature, seal and level II number must be on each sheet pertaining to ES&PC plan or the Plan will not be reviewed)*
- C509  3 Limits of disturbance shall be no greater than 50 acres at any one time without prior written authorization from the GAEPD District Office. If GAEPD approves the request to disturb 50 acres or more at any one time, the Plan must include at least 4 of the BMPs listed in Appendix 1 of this checklist and the GAEPD approval letter. \*  
*(A copy of the written approval by GAEPD must be attached to the plan for the Plan to be reviewed.)*
- C001  4 The name and phone number of the 24-hour contact responsible for erosion, sedimentation and pollution controls.
- C509  5 Provide the name, address, email address, and phone number of primary permittee.
- C509  6 Note total and disturbed acreages of the project or phase under construction.
- C509  7 Provide the GPS location of the construction exit for the site. Give the Latitude and Longitude in decimal degrees.
- ALL  8 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
- C509  9 Description of the nature of construction activity and existing site conditions.
- C001  10 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.
- C509  11 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.
- C509  12 Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on **Part IV page 19** of the permit.
- C509  13 Design professional's certification statement and signature that the permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on **Part IV page 19** of the permit. \*
- C509  14 Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the installation of the initial sediment storage requirements and perimeter control BMPs within 7 days after installation." in accordance with **Part IV.A.5 page 25** of the permit. \*
- C509  15 Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."
- C509  16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.
- C509  17 Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional." \*

- C509  18 Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit." \*
- C504  19 Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."
- C504  20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."
- C504  21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."
- C509  22 Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as, any portion of a Biota Impaired Stream Segment must comply with Part III. C. of the permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment. \*
- C509  23 If a TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identified in Item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan. \*
- C504  24 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Washout of the drum at the construction site is prohibited. \*
- C509  25 Provide BMPs for the remediation of all petroleum spills and leaks.
- C509  26 Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed. \*
- C509  27 Description of practices to provide cover for building materials and building products on site. \*
- C509  28 Description of the practices that will be used to reduce the pollutants in storm water discharges. \*
- C504  29 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization).
- C509  30 Provide complete requirements of Inspections and record keeping by the primary permittee. \*
- C509  31 Provide complete requirements of Sampling Frequency and Reporting of sampling results. \*
- C509  32 Provide complete details for Retention of Records as per Part IV.F. of the permit. \*
- C509  33 Description of analytical methods to be used to collect and analyze the samples from each location. \*
- C509  34 Appendix B rationale for NTU values at all outfall sampling points where applicable. \*
- C501-C503  35 Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged. \*
- C501-C503  36 A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all of the BMPs into a single phase. \*

- ALL  37 Graphic scale and North arrow.
- ALL  38 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following:
- | Map Scale                      | Ground Slope                                | Contour Intervals, ft.          |
|--------------------------------|---|---------------------------------|
| 1 inch = 100ft or larger scale | Flat 0 - 2%<br>Rolling 2 - 8%<br>Steep 8% + | 0.5 or 1<br>1 or 2<br>2.5 or 10 |
- C509  39 Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by GAEPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at [www.gaswcc.georgia.gov](http://www.gaswcc.georgia.gov).
- C509  40 Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition. \*
- C101-C503  41 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to state waters and any additional buffers required by the Local Issuing Authority. Clearly note and delineate all areas of impact.
- C101-C503  42 Delineation of on-site wetlands and all state waters located on and within 200 feet of the project site.
- HYDR  43 Delineation and acreage of contributing drainage basins on the project site.
- HYDR  44 Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions. \*
- C509  45 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.
- C505  46 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.
- C501  47 Soil series for the project site and their delineation.
- C501-C503  48 The limits of disturbance for each phase of construction.
- C510  49 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the Plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual included for structural BMPs and all calculations used by the storage design professional to obtain the required sediment when using equivalent controls. When discharging from sediment basins and impoundments, permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.
- C501-C503  50 Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.
- C504-C506  51 Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.
- C504-C508  52 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of the year that seeding will take place and for the appropriate geographic region of Georgia.
- \* If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream, the \* checklist items would be N/A.

Effective January 1, 2022

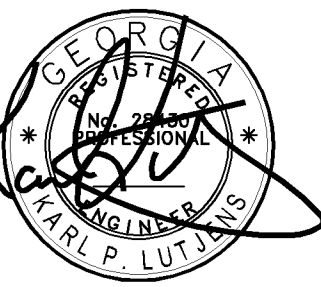
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LAND LOT 123, 4TH DISTRICT,  
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SHEET TITLE:

**EROSION CONTROL DETAILS**

SHEET NO.:

**C507**



**24 HOUR CONTACT  
JAMES BAKER  
614-205-0298**

GSWCC LEVEL II CERTIFICATION NUMBER  
GEORGIA REGISTRATION NO.           GA #3422           ②

















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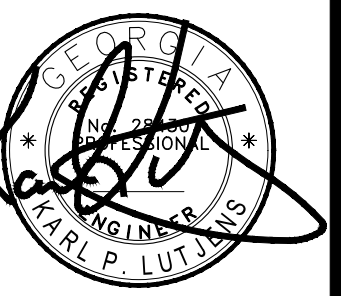
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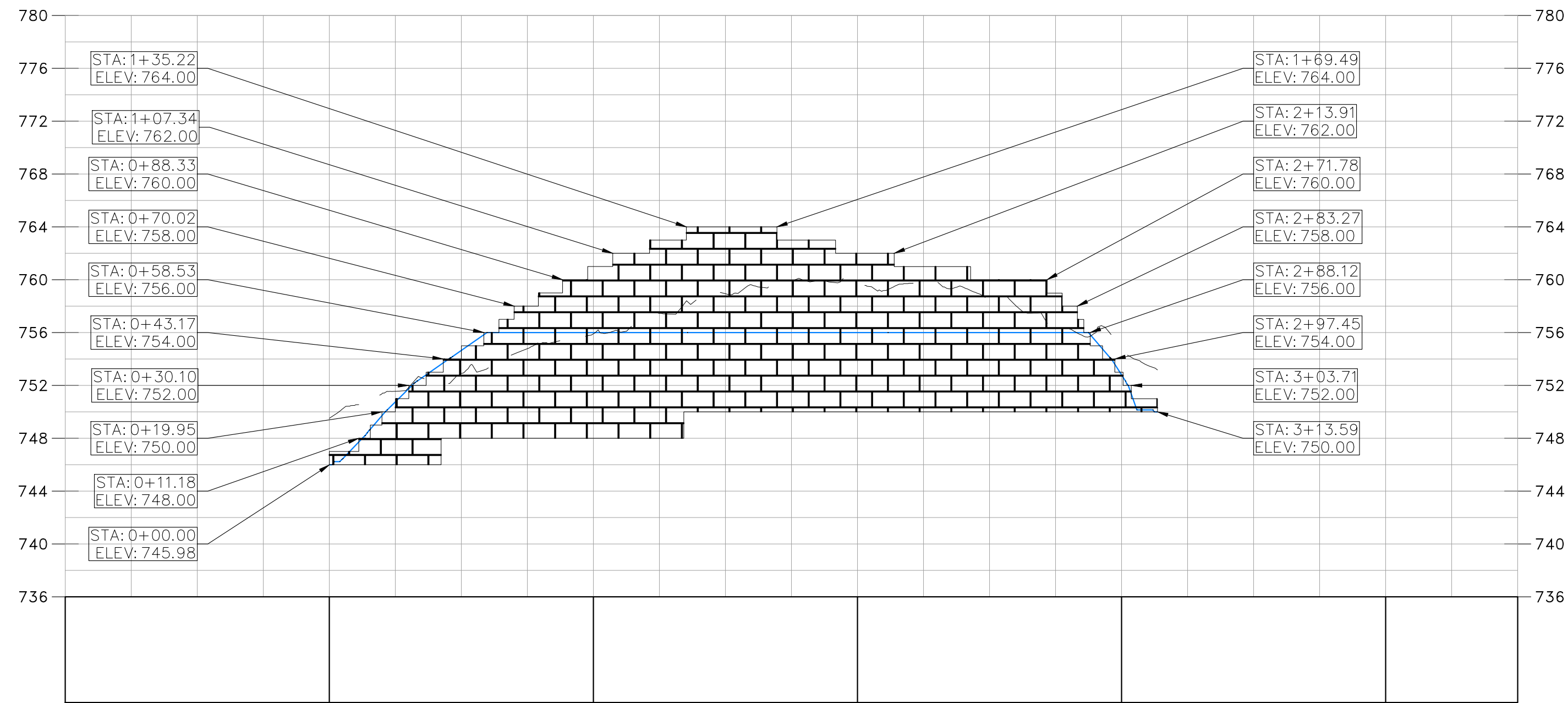


SHEET TITLE:

WALL  
PROFILE

SHEET NO.:

C606



WALL A  
 VERTICAL SCALE: 8.00  
 HORIZONTAL SCALE: 40.00









