

Ascent Consulting and Engineering, LLC
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RECEIVED
2019 MAY 15 PM 3:30
WV PURCHASING
DIVISION



May 12, 2019
Bid Clerk
Department of Administration
Purchasing Division
2019 Washington Street, East
Charleston, WV 25305

Re: Expression of Interest, A/E Services North Bend Cokely Branch Campground Improvement

Dear Mr. Nisbet:

Ascent Consulting & Engineering (ACE) is pleased to submit this Expression of Interest for A/E Services on the North Bend Cokely Branch Campground Improvements. ACE has the technical expertise, staffing and local knowledge, to provide professional services for your planned sanitary sewer and boating upgrades.

Our company was founded from a desire to work with local people and to provide a level of service and accessibility to clients that is unmatched. We work with our clients to understand their broadened aspirations around each project so that we can be an effective consultant. Too often, engineering services are treated as tasks with little thought as to how the process affects the client or the public. At ACE, we strive to appreciate and plan for all facets of the project such as planning design, operations during construction and product evaluation.

The ACE team understands that these improvement projects will benefit the community and people throughout the State of West Virginia. We are a young, growing local firm that is eager to serve our communities. ACE is pleased to submit our credentials as an engineering and consulting firm for your consideration.

The Selection of ACE will be beneficial to North Bend for multiple reasons.

- Ability to mobilize quickly following acceptance
- Employees located throughout WV, both office and remote based
- Experience, quality of work, knowledge and personal touch

This is an exciting opportunity for ACE and we very much would like to be a part of the continued success in the state.

Sincerely,
Ascent Consulting & Engineering, LLC

Michael R. Nestor

Michael R. Nestor, PE
Managing Member



FIRM IDENTIFICATION AND BACKGROUND

FIRM PROFILE

Founded in January 2018, Ascent Consulting and Engineering is a young company with big experience. Ascent employs a diverse staff, bringing expertise in nearly every facet of Civil and Environmental Engineering. We are committed to providing quality services, building long lasting relationships, and supporting/encouraging our employees.

LAND DEVELOPMENT

Ascent knows development. Our knowledge in Site Development ranges from on Thousand acre mixed use developments and business parks to small commercial site plans and residential housing communities. We pride ourselves in understanding the goals of the development and our designs are practical, complete, well-coordinated, and on budget.

UTILITIES

Ascent has a wide range of experience in utility designs and upgrades. From service line extensions to major system expansions and replacement projects, ACE has the technical knowledge and personnel to meet your needs.

STORMWATER MANAGEMENT & DRAINAGE

Every project is different. Ascent evaluates drainage patterns and works with clientele to determine which best management practice are best suited for each project. From traditional basin design to underground systems and bio-retention facilities, Ascent has the knowledge to work with any site, providing a responsible design that compliments the landscape and fits the budget.

ENVIRONMENTAL SERVICES

With over 20 years of experience, our environmental capabilities cover a wide range of services including Phase I and Phase II Environmental Site Assessments, aquatic resource surveys/permitting, endangered species consultations, asbestos inspections, operating permit compliance, and general environmental consulting.

INSPECTION SERVICE

We have built a senior team of construction inspectors that have knowledge in utilities, earthwork, slip repairs, retaining walls, pipeline, etc. No matter what your project is we will always strive to give you the best service, with the highest quality at all times.

ASCENT CONSULTING AND ENGINEERING

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304.933.3463



Process

Ascent values its clients and their projects. We understand that long after we are finished, the client and citizens will be living with the results of our work. Consequently, we strive to communicate effectively during the planning, design, and construction process. Ascent staff will sit down with all stakeholders at the beginning of the project in order to fully understand the project, its past, and the intended future. Once the initial planning process has been completed, ACE moves forward with conceptual designs and cost estimates which will be delivered for client review. This assures us that we do not get too far into the design process without client approval. It also helps to make sure the design is in line with budgetary restrictions on the project. ACE will continue with final design documents only after the client has given approval of the initial concept. During the design process, ACE will provide weekly updates to the Owner. If changes to the project plans become apparent, the Owner will be notified immediately, and a meeting may be scheduled to discuss details of the change, cost implications, and any schedule changes that could occur as a result. Our goal is: No Surprises.

Capabilities

Ascent employs a broad range of professionals that include an engineering staff of six (6). Two (2) Environmental professionals, Nine (9) Construction Managers/project representatives, and an Office Manager. We are a young firm that has big experience.

Managing Member: Michael R. Nestor, PE

Member: Zach Assaro

Project Manager: Eric M. Short

Environmental Manager: Jeff Knepper
Construction Manager:
Andy Kincell

Experience

Ascent staff has a wide range of experience in utility designs and public facilities. Our company resume does not reflect the years of experience that our staff bringsto the table. We have managed and designed public park projects, industrial developments, large retail developments, residential subdivisions, and much more. The following is a small sample of projects that Ascent Staff has had the privilege of being part of.

The Vale Subdivision

22 lot residential subdivision in Harrison County, WV. This project required water, sanitary sewer, and natural gas utility extensions. In addition, the sanitary sewer had to be collected with a combination of gravity and force main systems due to the grade changes on the property. Ascent worked diligently with the Owner to develop a layout that maximized the number of lots without compromising the exclusiveness of the development. (PM – Mike Nestor, PE – Eric Short)

Byron Memorial Park

City park in Williamsport, MD. Projects included construction of roadway and sidewalk for access around an existing baseball field and through the park as well as other miscellaneous items. (PE – Mike Nestor)

Star City Boat Launch

Ascent is working with the Town of Star City to develop realistic plans and cost estimates for the improvement of its existing boat launch area. The project includes improvements to parking and circulation, widening and improvement of the existing boat launch, and additional of boat slips to accommodate future bass tournaments. Ascent has developed a preferred concept and is working with the Town to make adjustments that will fit within their budget and can be accomplished on the desired timetable.

(PM – Mike Nestor)

References

- 1) Beth Fox, PE (City Engineer – City of Bridgeport) 515
W. Main Street, Bridgeport, WV 26330
(304) 842-8231
- 2) Anthony Bellotte (City Manager- Clarksburg, WV)
222 W. Main Street Clarksburg, WV 26301
(304) 624-1624
- 3) Beau Henderson- City Construction Company 284
Factory Street Clarksburg, WV 26301
(304) 623-2573 x108

MICHAEL R. NESTOR, PE



SUMMARY

Mr. Nestor is a Civil Engineer registered professionally in WV and serves as the Managing Member of Ascent Consulting and Engineering, LLC. He has over 15 years of consulting experience focusing on land development projects and stormwater management in WV, MD, and PA. His expertise allows him to guide projects from concept to completion by understanding the goals/vision of the project, effectively communicating with the project team, and paying careful attention to the details. Mr. Nestor will be responsible for client communication as well as QA/QC on this project.

HIGHLIGHTED PROJECTS

ASCENT CONSULTING AND ENGINEERING (BRIDGEPORT, WV) – JANUARY 2018 - PRESENT

- **VALLEY HILLS PLAZA**
Site plan development for the addition of a 12,000 sf retail space in the parking lot of an existing retail development. The project consisted of layout to allow for circulation within the existing development, parking, and new drive though, utility connections, stormwater conveyance, and re-grading of the existing parking lot.
- **THE VALE**
Layout and engineering design for an upscale housing development in Bridgeport, WV. The community utilizes low impact development practices to provide 22 lots ranging in size from 1 to 7 acres. The project required substantial utility extensions and creativity in stormwater management controls.

THE THRASHER GROUP (BRIDGEPORT, WV) – MARCH 2005 – JANUARY 2018

Throughout Mr. Nestor's employment with The Thrasher Group, he served in a variety of roles ranging from Staff Engineer up to Site Group Division Manager. This allowed him to work on teams for a wide variety of projects and in a range of capacities.

- **BUSINESS AND INDUSTRIAL PARKS**
Designed and permitted the sites for multiple commercial properties including Sheetz, Huntington Bank, Subway, Ihop, Comfort Suites, etc.
Managed team of professionals through the design and construction of multiple park expansions involving major earthwork operations, road and utility extensions, permitting operations and large site developments such as the Dominion Energy Headquarters Facility.
- **ROADS/SIDEWALKS**
Designed and managed road extension projects such as the Phase II White Oaks Boulevard extension and the "Double Camp" and "Tunnel Hill" access road improvements for Antero Resources.
- **STORMWATER MANAGEMENT**
Developed stormwater management programs for compliance to the State of WV's MS4 requirements in the communities of Clarksburg, Westover, Oak Hill, Fayetteville, and Sophia.

REGISTRATIONS

- Professional Engineer – West Virginia [REDACTED]

ASSOCIATIONS

- American Society of Civil Engineers
- American Society of Highway Engineers (Past President of NCWV Region)

EDUCATION

- Fairmont State College, Fairmont, WV – Bachelor of Science in Engineering Technology – 2003

ERIC SHORT, PROJECT MANAGER



SUMMARY

Eric Short is a site/civil Project Engineer in the Bridgeport, West Virginia. In his 15 years, he has worked on a variety of projects which include commercial, residential, and industrial development, as well as downtown streetscapes and oil and gas sites. His tasks involve the design and development of Demolition, Erosion and Sediment Control, Site, Grading, and Utility Plans along with creating details for site specific elements. Mr. Short is also an experienced highway designer with a background in the preparation of roadway construction, right-of-way, sign, and pavement marking plans. Other responsibilities include traffic studies, storm water and sanitary sewer design, and cost estimation.”

Eric Short’s expertise lies in commercial, residential, oil and gas site development projects. Mr. Short is responsible for the design and permitting for Natural Gas Development facilities such as: Well pads, compression and M & R facilities located in the Marcellus Shale region.

Prepare construction and permitting documents; develop grading plans from preliminary to detailed final design, cost estimates and bid specifications; and provide construction oversight, helping to insure a safe, cost-effective and timely completion of all projects to meet or exceed client expectations.

Maintain excellent relationships and stay in constant contact with all clients.

REPRESENTATIVE PROJECT EXPERIENCE

- Fairmont State University: Assisted in design of Football Stadium sub-surface and drainage system for preparation new turf placement, practice field improvements, and all associated access roads, parking areas, and utility system upgrades.
- City of Pleasant Valley Sidewalks: Working with the local regional planning and development council, successfully designed and constructed approximately 3500 feet of sidewalk using transportation enhancement funds and safe routes to school funds in three phases. Designing a phase 4 portion of sidewalk for the city now. Typically these types of projects stay within the WVDOH right of way and therefore have to reviewed and approved by them.
- City of Ripley: Main Street Revitalization: This project was one of kind for us in that we took all of the existing overhead utility lines along Main Street and putting them underground in conduit. The project involved direct coordination with the utility companies to ensure they had the necessary number, size, and location of conduit. Beyond the utilities, the Main Street was designed with new sidewalks that incorporated brick pavers, hand railing, decorative street lights, and handicap ramps.
- City of Ripley Safe Routes to School Sidewalks: Designed 1000 feet of sidewalk along with drainage improvements. Worked with the city as they used their own work force to construct the project.
- Wirt County Commission Sidewalks: Worked for both the Wirt Co. Commission and the Town of Elizabeth for the design of approximately 1000 square yards of sidewalk. The project consists of replacing sidewalk around the courthouse square and along the main street in the town.

- **Town of Elizabeth Sidewalks:** Designed phase 2 of the sidewalk improvement plan funded by the transportation enhancement funds. Currently designing adjacent sidewalks for them with safe routes to school funds.
- **Town of Nutter Fort Sidewalks:** Designed approximately 800 feet of sidewalks and drainage. Both transportation enhancement funds and safe routes to school funds were utilized.
- **City of Grafton, Main Street Revitalization:** The project consisted of designing sidewalks that incorporated decorative street lights, benches, handicap ramps, and landscape islands.
- **Town of Farmington, Pedestrian Bridge and Step Replacement:** Worked with the town using transportation enhancement funds to design plans to replace an existing road bridge with a 100 foot span prefabricated pedestrian bridge. The project will also involve replacing several flights of steps that connect from one street to the next.
- **Harrison County Commission, Handicap Ramp and Sidewalk:** The goal of the design was to improve the handicap entrance to the county courthouse by making a wider ramp and gentler slope. The sidewalk that makes up Court Street, adjacent to the courthouse was designed to remove all existing uneven pavers, slate and concrete and replace with a concrete sidewalk with a brick paver border.
- **City of Salem Slip Repairs:** The goal of the project was to repair two slip areas that occurred below a city street and above some residential structures. The problem areas were investigated by a geotechnical engineer. Based on site conditions and funds, the most efficient method to correct the problems were to use gabion walls.
- **WVDOH Corridor "H":** Assisted in design of Roadways, Bridges, and erosion/sediment control.
- **Raleigh County Memorial Airport & Industrial Park:** Design of a 1,100 linear foot road extension, Drainage and Erosion and Sediment Control Plan.
- **Mike Mason Chiropractic Office Building:** Complete Site Design Package, including building and parking layout, utility extensions, and underground storm water management facility in accordance with the City of Bridgeport regulations.
- **Cambridge Place Business Park:** Complete Site Design Package, multiple tenant building and parking layout, utility extensions, and storm water system in accordance with the City of Bridgeport regulations.
- **Walgreens Retail Store (Grafton, WV):** Complete Site Design Package, including building and parking layout, utility extensions, and underground storm water management facility in accordance with the City of Grafton regulations.
- **Walgreens Retail Store (Bridgeport, WV):** Complete Site Design Package, including building and parking layout, utility extensions, 210' foot long poured concrete retaining wall and storm water management facility in accordance with the City of Bridgeport regulations.
- **Genesis Youth Crisis Center:** Complete Site Design Package, including approximately 35,000 cubic yards of earthwork, building and parking layout, utility extensions, and storm water management facilities.

EDUCATION

- B.S., Civil Engineering Technology, 2003 – Fairmont State University
- A.S., Architectural Engineering Technology, 2003 – Fairmont State University

CERTIFICATIONS

- American Society of Civil Engineers
- American Society of Highway Engineers

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and assisted them with research projects. Maintenance of testing equipment, which included running calibrations on the equipment, documenting any variances, reading schematics to diagnose and repair malfunctioning equipment, and correcting any problems found during the maintenance process. Ensured the adequate amount of testing equipment and supplies were available and ordered any additional materials required. Attended conferences to learn about new products and testing procedures.

Environmental Technician

Southern Ohio Coal (Martinka) Fairmont, WV

Duties included, but were not limited to, reading schematics for the installation of a variety of equipment, working with outside vendors on repairs and installation of equipment, along with consulting vendors on new types of available equipment. Responsible for monitoring streams and water quality on mine sites and ensured appropriate actions were taken to preserve the quality of water entering public rivers, streams, and ponds. Treated potable and waste water to ensure public safety. Independently conducted a number of building inspections and ensured that the proper maintenance actions were taken.

Construction Inspector

West Virginia Department of Transportation Clarksburg, WV

Testing and inspection of materials utilized at the construction site. Review of a variety of A/E drawings and blueprints to ensure the appropriate measures were taken in regards to the structural design. Assisted in the continual evaluation of the construction timeline to ensure that project goals were met accordingly and made appropriate adjustments to the schedule when necessary. Analyzed and compiled a variety of cost invoices to ensure the appropriate funds were dispersed to the contractor based on fixed price, lump sum, or time and materials.

EDUCATION AND CERTIFICATIONS

- A.S. Civil Technology, 1987 – Fairmont State University**
- Fairmont State University Level V Certification – Transportation Engineering**
- Technologist – Construction Specialization**
- ACI Concrete Field Testing Technician Grade 1 ID#01034926**
- West Virginia Journeyman Electrical Card**
- West Virginia Contractors License #WV035216**
- WVDOH Certified Asphalt Technician**
- WVDOH Certified Aggregate Technician**
- WVDOH Certified Concrete Technician**
- WVDOH Compaction Technician**
- WVDOH Certified Asphalt Inspector**
- WVDOH Certified Concrete Inspector**
- PTI Certified Level 1 Unbounded PT – Field Installatio**



Devon R. Shrewsbury, Project Engineer

SUMMARY

Devon is a Project Engineer, her experience is in engineering plan production, stormwater management design, environmental protection permitting, technical reports, and more. Her ability to prepare and design multiple aspects of a project as well as her great communication with our clients and team allows Devon to meet the needs of everyone involved. Mrs. Shrewsbury was hired as a Project Engineer at Ascent Consulting and Engineering after 4 years of employment at The Thrasher Group. While there she was given responsibilities that involved leading a design team on large scale and complex projects. Devon has continued to help develop small and large projects at Ascent as well as helping in client communications and growing business.

QUALIFICATIONS

- Daily utilization of knowledge of civil engineering design practices and the project development process.
- Accurate analysis and organization of project data and calculations.
- Understanding and utilizing AutoCad standard procedures in order to complete designs.
- Preparing and reviewing design computations and estimations for multiple aspects of project.
- Ability to take project from start to finish.
- Technical Report Preparation and Submission
- West Virginia Department of Environmental Protection Permitting
- Stormwater Management Design
- Advance Abilities in AutoCAD, Hydraflow, Express, and Storm Sewers.

EDUCATION

Bluefield State College B.S.E.T in Civil Engineering August 2009 – December 2010

West Virginia University Bachelor of Science in Civil Engineering January 2011 – May 2014

JEFFREY S KNEPPER, CPG, LRS



SUMMARY

Mr. Knepper has 20 years of experience working on complex environmental and regulatory projects specializing in environmental/regulatory compliance, remediation, permitting, and aboveground storage Tank (AST) services. Mr. Knepper is adept at developing practical and innovative solutions to challenging environmental issues often faced by oil and gas and other industrial clients. His track record in regulatory compliance, permitting, soil and groundwater remediation, and environmental impacts make him a key team member on projects. Mr. Knepper is a certified professional geologist and a WV licensed remediation specialist. Mr. Knepper is an experienced AST inspector with over 1,000 completed inspections in various states including: WV, PA, OH, KY, WI, MI, VA and NY.

HIGHLIGHTED PROJECTS

ENVIRONMENTAL INVESTIGATIONS

CPFilms, Industrial Facility, Fieldale, VA – Mr. Knepper performed nature and extent and site characterization studies for volatile organic compounds. He developed corrective action plans, installed groundwater monitoring wells and performed statistical analyses on results.

Federal Mogul, Industrial Facility, Winchester, VA – Mr. Knepper performed groundwater sampling and statistical analyses on results to determine the cause of upgradient groundwater contamination. Mr. Knepper received a commendation from the Virginia Department of Environmental Quality for exemplary sampling methods and techniques.

U.S. Silica, Berkeley Springs, WV – Mr. Knepper led the field operations team at an emergency spill cleanup for chemicals which included: sulfuric acid, caustic soda and petroleum sulfonate from aboveground storage tanks. Mr. Knepper's full knowledge of the WVDEP regulations for tanks and site cleanup proved invaluable in minimizing potential contamination and receiving high praise from the WVDEP.

ENVIRONMENTAL REGULATORY AND COMPLIANCE

Dominion Energy Transmission, Bridgeport, WV – Mr. Knepper developed a permitting guide to monitor permit conditions, permit expirations and regulatory deadlines. This guide encompassed all of Dominion's permits. It helped to mainstream and organize permits regardless of personnel responsibilities and turnover.

American Electric Power, Mountaineer Plant, New Haven, WV - Mr. Knepper developed the first Carbon Capture and Sequestration (CCS) permit in WV and the United States. The permit was issued prior to the Environmental Protection Agency releasing the regulations for the newly established class VI rules which now govern CCS.

Vesuvius, Globe Mine, Newell, WV – Mr. Knepper led a team to renew a NPDES permit at an old clay mine. The facility had been violation for many years because of the high concentration of iron. Mr. Knepper was instrumental in renewing the NPDES permit and providing an alternative to help bring the facility back into compliance with the WVDEP.

ABOVEGROUND STORAGE TANK SERVICES

Mr. Knepper was integral in developing an AST inspection service in response to the WVDEP new AST rule. Mr. Knepper has conducted well over 1,000 AST inspections in various states. He has also written numerous SPCC and state specific Spill Response Plans.

Addivant, Chemical Facility, Morgantown, WV – Mr. Knepper provided AST inspection services for new installations, closures and annual compliance. He also helped develop site specific inspection forms for the various ASTs located at the facility including, steel, fiberglass, polyethylene and insulated tanks.

Abarta Energy, Mount Clare, WV – Mr. provided annual inspections for 374 ASTs as well as provided registration and modification assistance with the WVDEP ESS system.

FCA Chrysler – Michigan & Toledo, OH Assembly Plants – Mr. Knepper performed installation inspections at both the Michigan and Toledo plants in compliance with the RCRA and State specific rules for aboveground storage tanks.

Ormet, Industrial Facility, Hannibal, OH – Mr. Knepper conducted both internal and external inspections on a 500,000 and a 1.5 million-gallon ASTs. The inspections were performed using API-653 protocols.

American Electric Power, Kammer Plant, Moundsville, WV – Mr. Knepper was contracted to help with the installation of leak detection devices on three double-walled ASTs. The leak detection was installed in the interstitial space between the two AST shell courses. Mr. Knepper also supervised the installation as required by the WVDEP AST rules.

Seneca Resources, Kane, PA – Mr. Knepper performed internal and external inspections on two 500,000-gallon wastewater treatment tanks. Mr. Knepper also conducted a secondary containment evaluation for the two ASTs.

HYDROGEOLOGY

Georgia Pacific, Industrial Facility – Martinsville, VA - Mr. Knepper performed groundwater sampling and statistical analyses on volatile organic compounds, metals and semi-volatile organic compounds from groundwater samples.

Virginia Polytechnic Institute, Blacksburg, VA – Mr. Knepper performed an evaluation of methane in groundwater at the VT campus. He also conducted groundwater statistics on volatile organics that were contaminating a site owned by VT.

Scott County, Gate City, VA – Mr. Knepper performed site characterization studies on volatile organic compounds contaminating multiple sites. Mr. Knepper prepared corrective action plans and nature and extent studies. He also performed groundwater statistics that were used by the VDEQ as a model for how to perform the various investigations and studies.

Patrick County, Stuart, VA – Mr. Knepper helped design and manage a gas extraction system for the County. He also was instrumental in the approval of a corrective action plan from the VDEQ for vinyl chloride contamination. Mr. Knepper developed alternatives the State of Virginia now uses to evaluate nature and extent studies and site characterization reports.

UNDERGROUND INJECTION CONTROL

Mr. Knepper has over 10 years of experience working with underground injection control projects. He was the state-wide Environmental Resources Program Manager for WV handling all permitting and compliance approvals for mining facilities working closely with various mining companies including: Wolf Run Mining, Greenbrier Minerals, Independence Coal, Brooks Run Mining, Mid-Vol Coal Sales, Pinnacle Mining, ICG-Beckley, LLC and many more. Mr. Knepper has also provided this knowledge to the consulting realm as an alternative to existing permits or lack of efficiency in current treatment options.

REGISTRATIONS

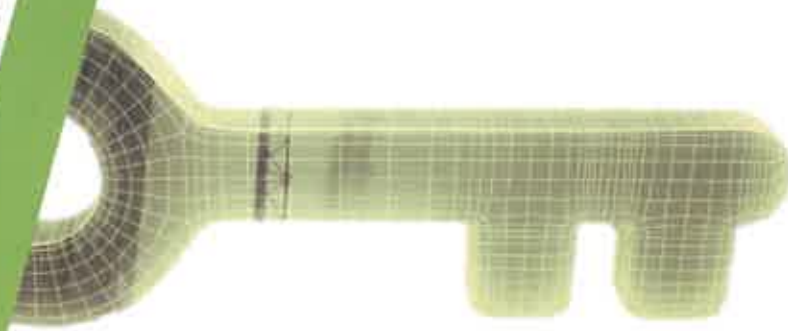
- Certified Professional Geologist – Virginia
- Licensed Remediation Specialist – West Virginia
- Certified Aboveground Storage Tank Inspector – STI-SP001
- Certified Aboveground Storage Tank Inspector - Pennsylvania

ASSOCIATIONS

- American Institute of Professional Geologist
- West Virginia Manufacturers Association
- IOGA of West Virginia
- PIOGA – PA

EDUCATION

- West Virginia University, Morgantown, WV – Bachelor of Science in Geology – 1998



UNLOCKING ENGINEERING SOLUTIONS WITH **ASCENT CONSULTING & ENGINEERING**

Ascent Consulting and Engineering is a company of excellence and dedication providing the most incomparable and efficient services possible.

Founded in January 2018, Ascent Consulting and Engineering is a young company with big experience. Ascent employs a diverse staff, bringing expertise in nearly every facet of Civil Engineering. We are committed to providing quality services, building long lasting relationships, and supporting/encouraging our employees.

Ascents professional staff includes Project Managers, Project Engineers, Civil Designers, Construction Engineers, Environmental Specialists, Construction Managers, Project Inspectors, along with long lasting relationships with local GEO-Technical Engineers and Professional Surveyors