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EYP Architecture & Engineering, P.C. 2108 South Boulevard, Suite 205 Charlotte, NC 28203 T 704 602 0071



ADDENDUM NO. 1

- RE: University North Carolina Charlotte Student Counseling Center SCO No. 14-11381-02A EYP No. 1015008.01
- Date: May 18, 2016
- From: EYP
- To: Prospective Bidder

## NOTICE TO BIDDERS:

This Addendum issued prior to receipt of bids shall and does hereby become a part of the Contract Documents for the above Project. This Addendum must be acknowledged on the Form of Proposal.

All Prime Contractors shall be responsible for ensuring that their Subcontractors are properly apprised of the contents of this Addendum.

All information contained in this Addendum shall supersede and shall take precedence over any conflicting information in the original Drawings and Specifications.

CLARIFICATION None

CHANGES TO PROJECT MANUAL – VOLUME 1 None

CHANGES TO PROJECT MANUAL – VOLUME 2 None CHANGES TO DRAWINGS

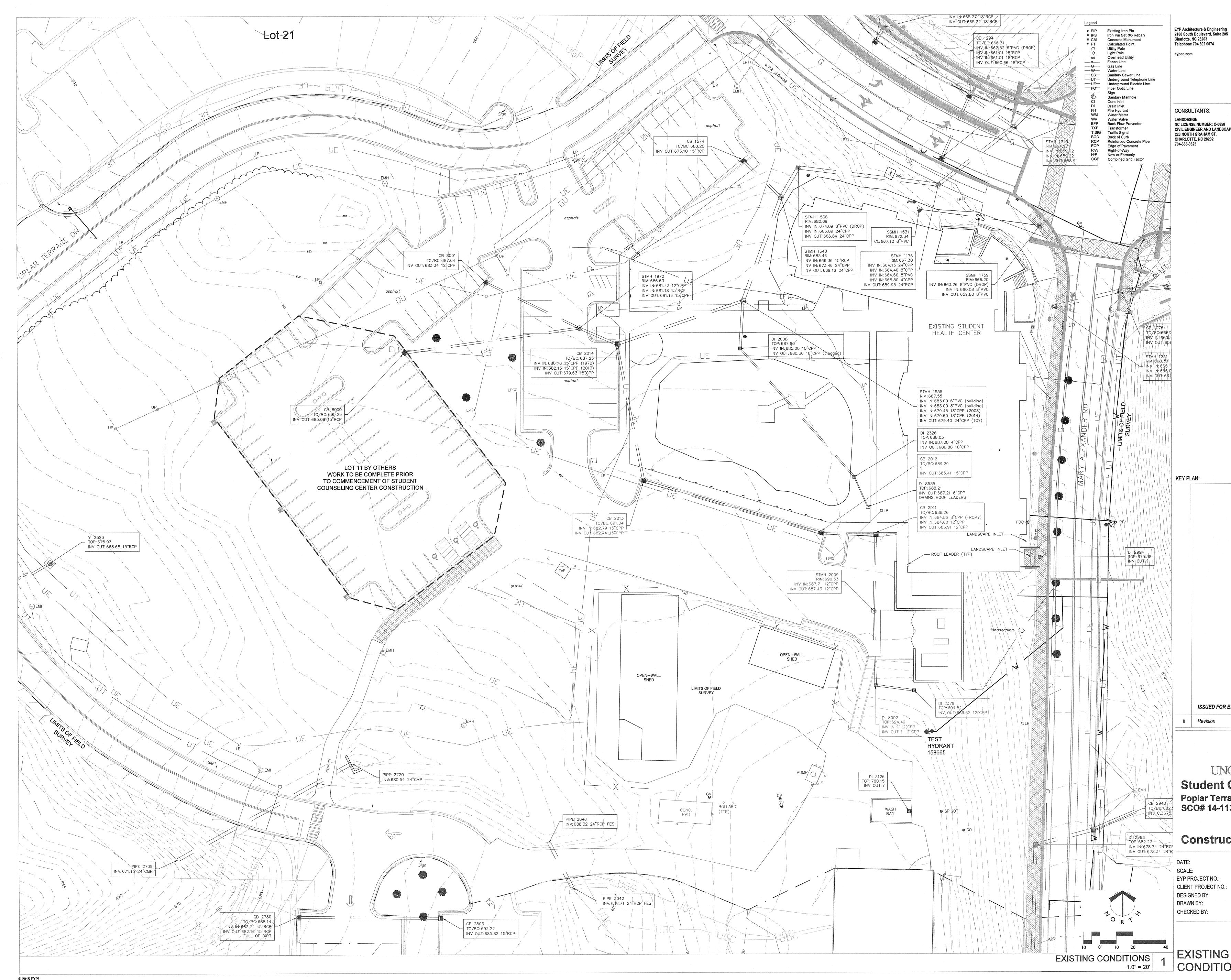
<u>Item I-1</u> Add Civil Drawings – C100, C200, C300, C-301, C-400, C-410, C-500, C-600, C-601, C-602, C-610, C-611, C-612, C-700, and C-710, included with this addendum.

ATTACHMENTS – DRAWINGS: C100, C200, C300, C-301, C-400, C-410, C-500, C-600, C-601, C-602, C-610, C-611, C-612, C-700, and C-710

**END OF ADDENDUM 1** 

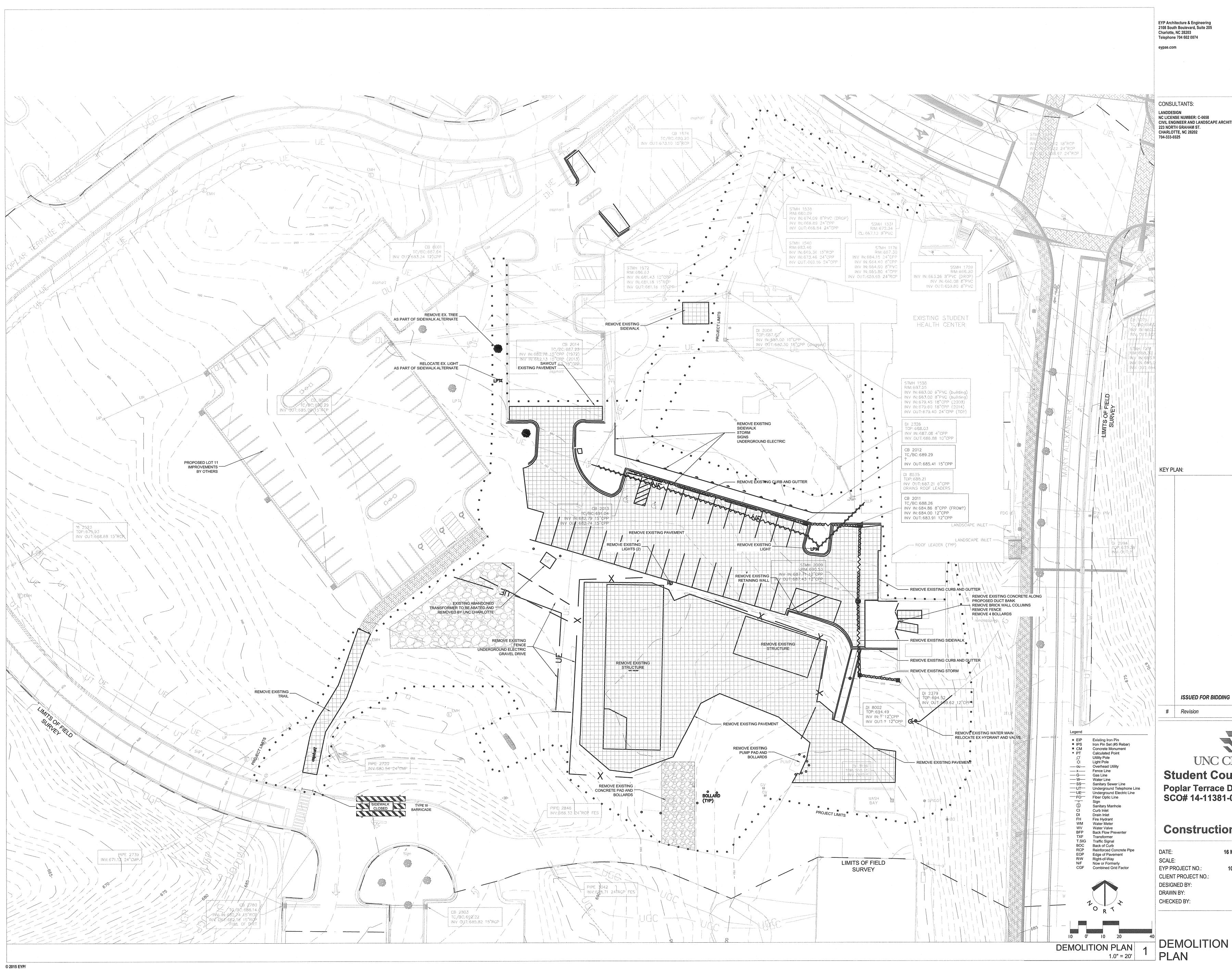


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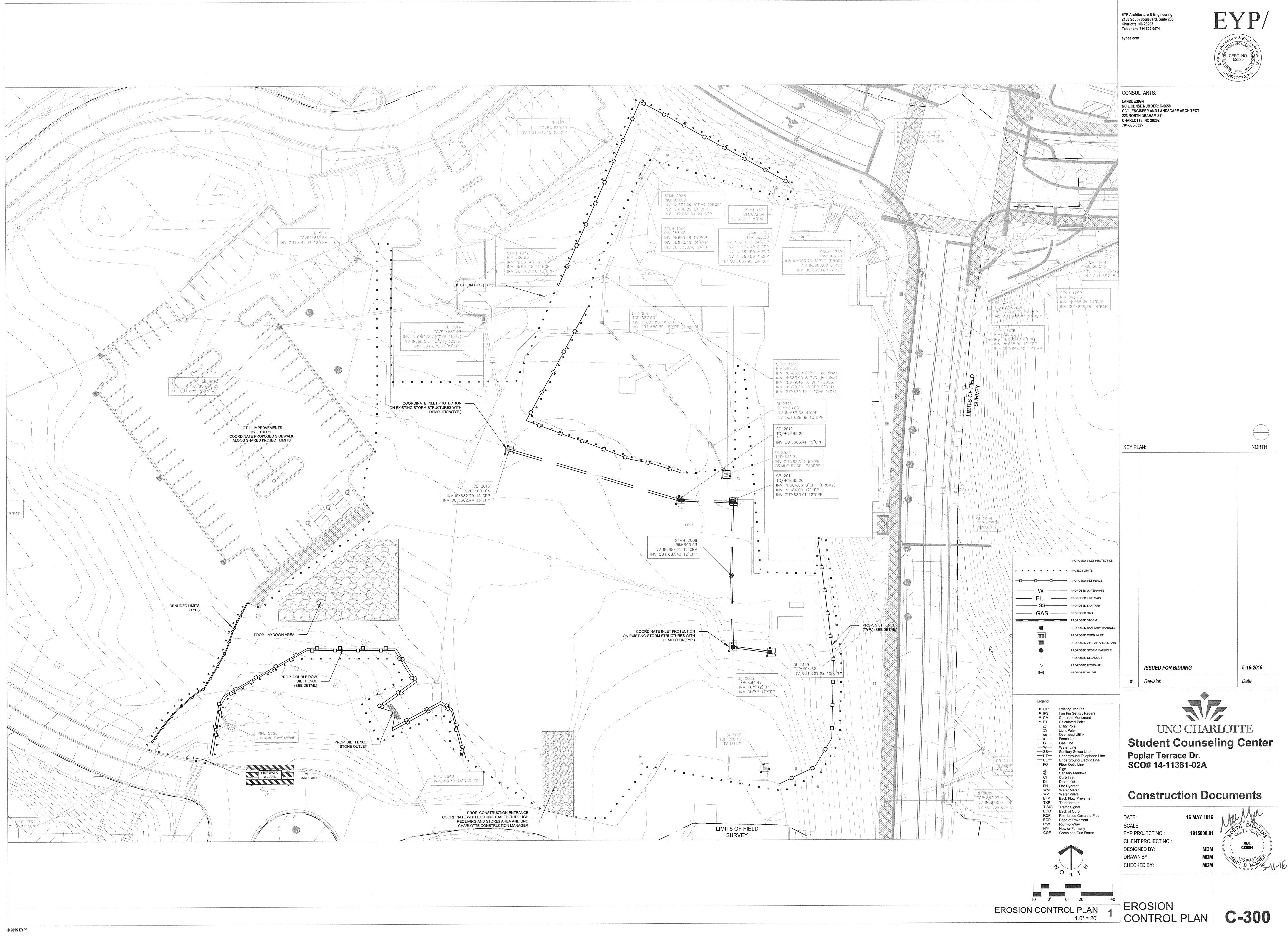


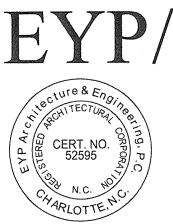
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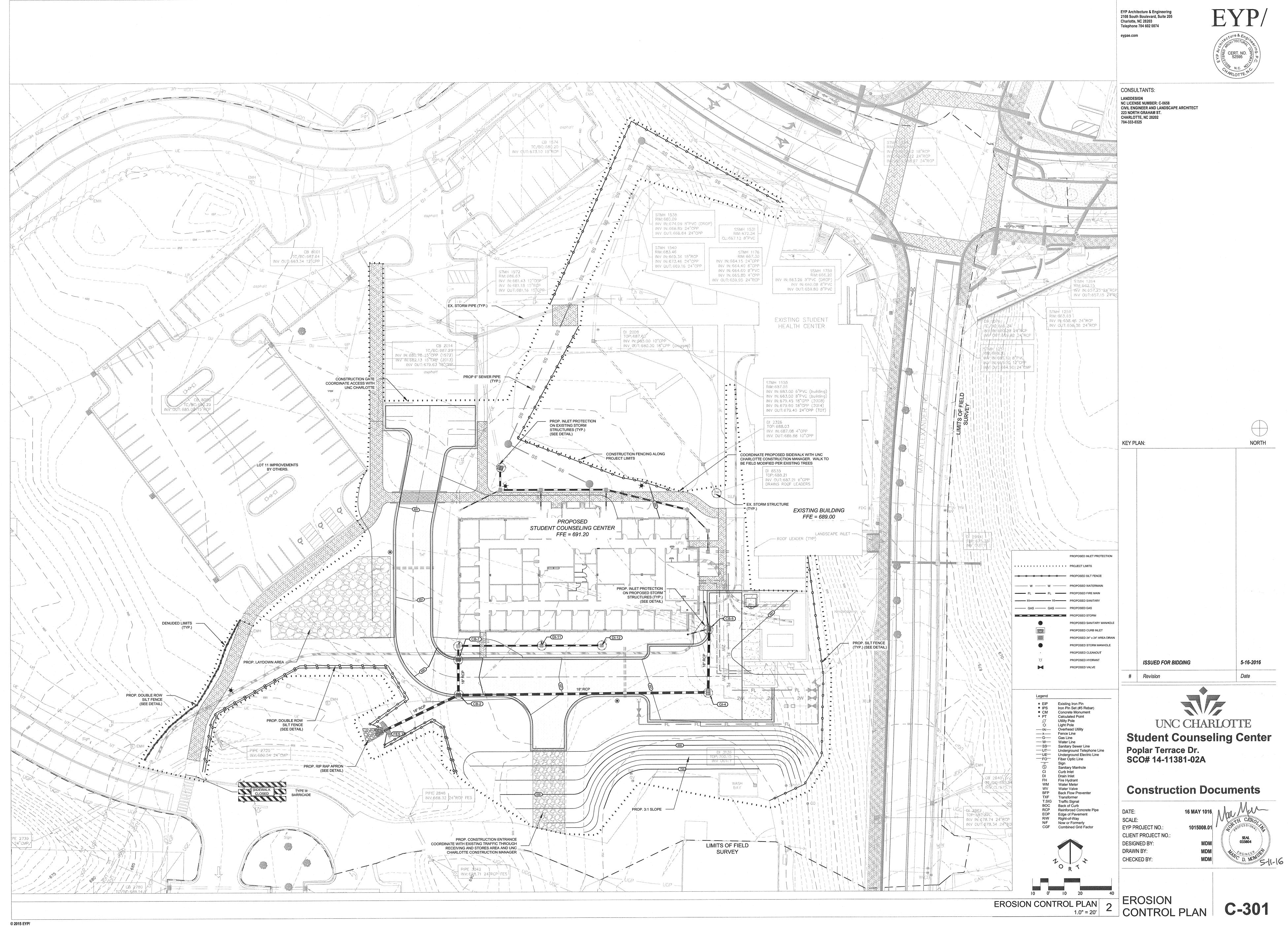
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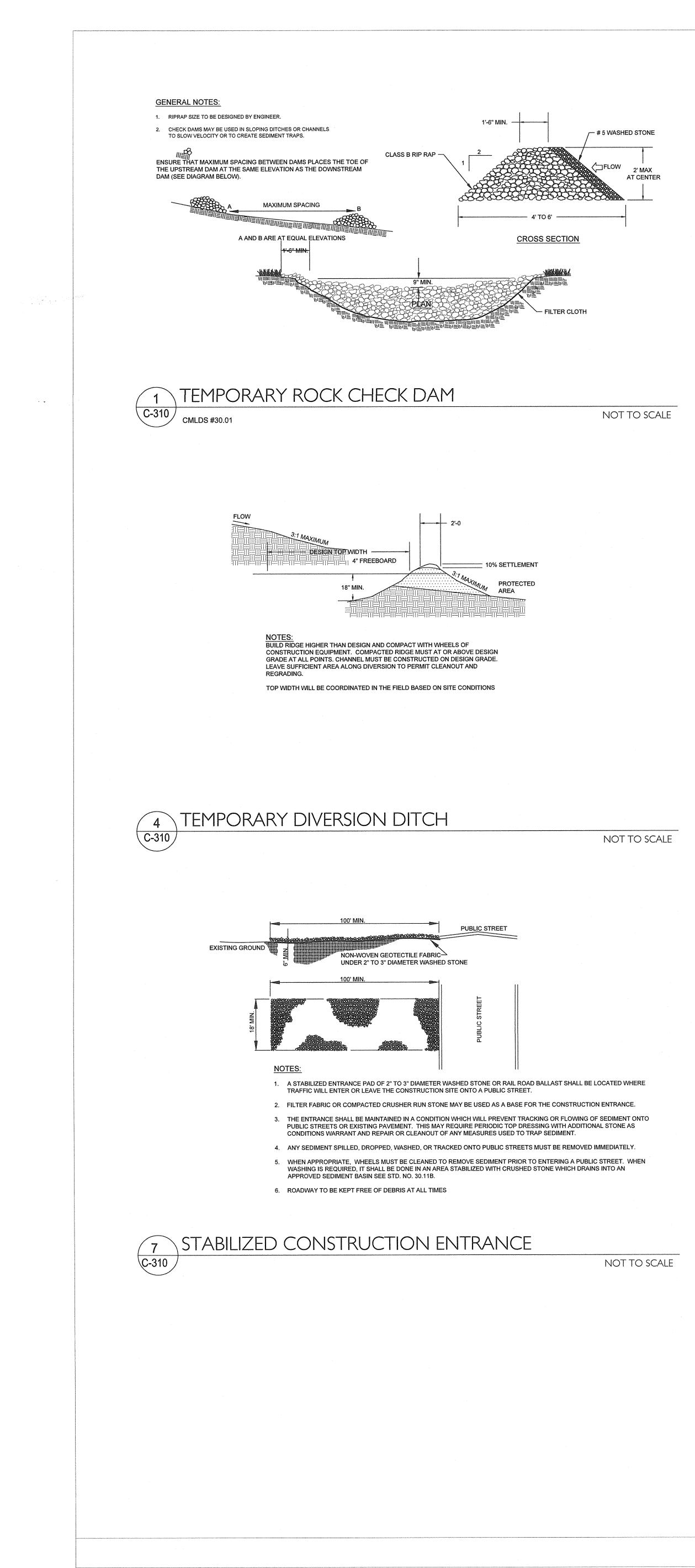
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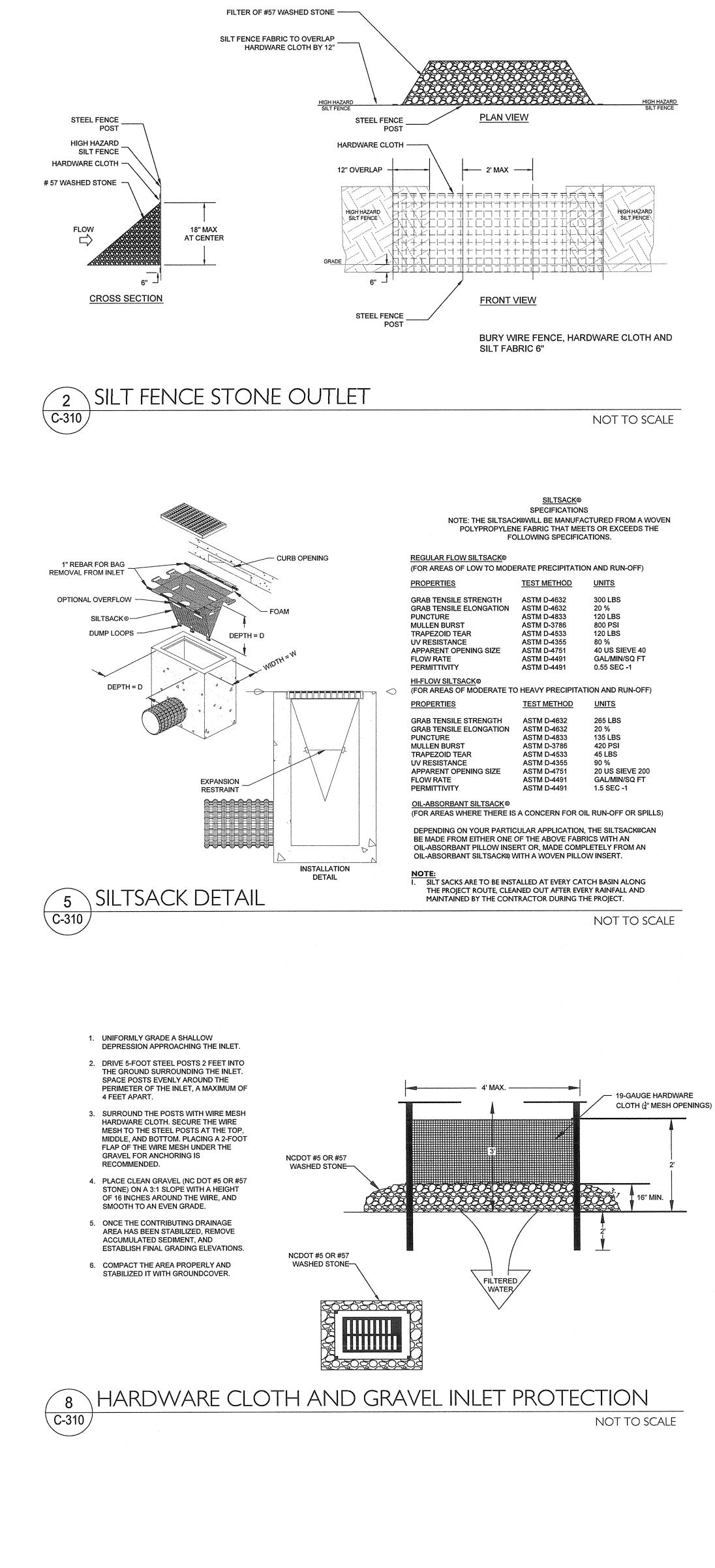


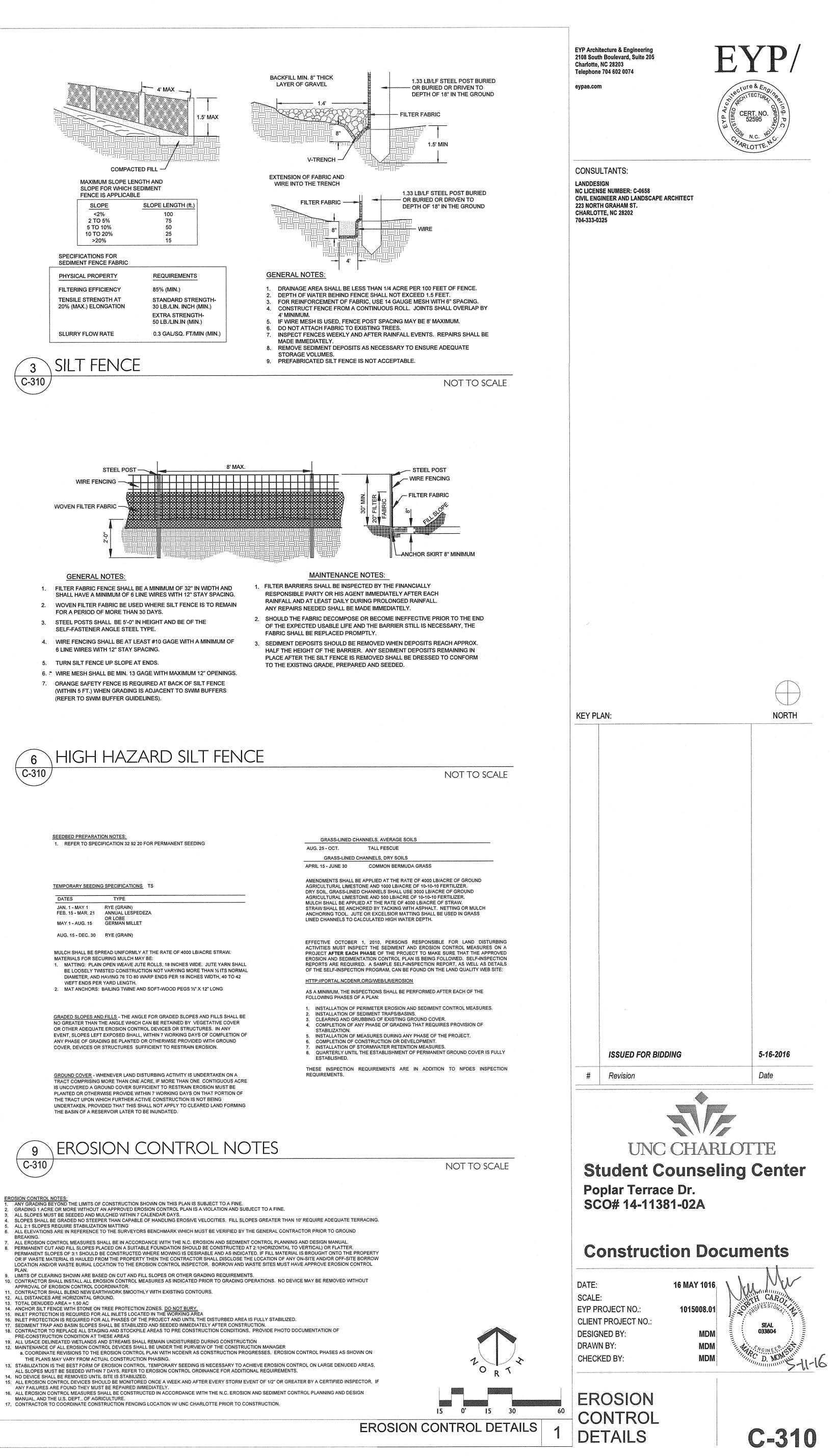


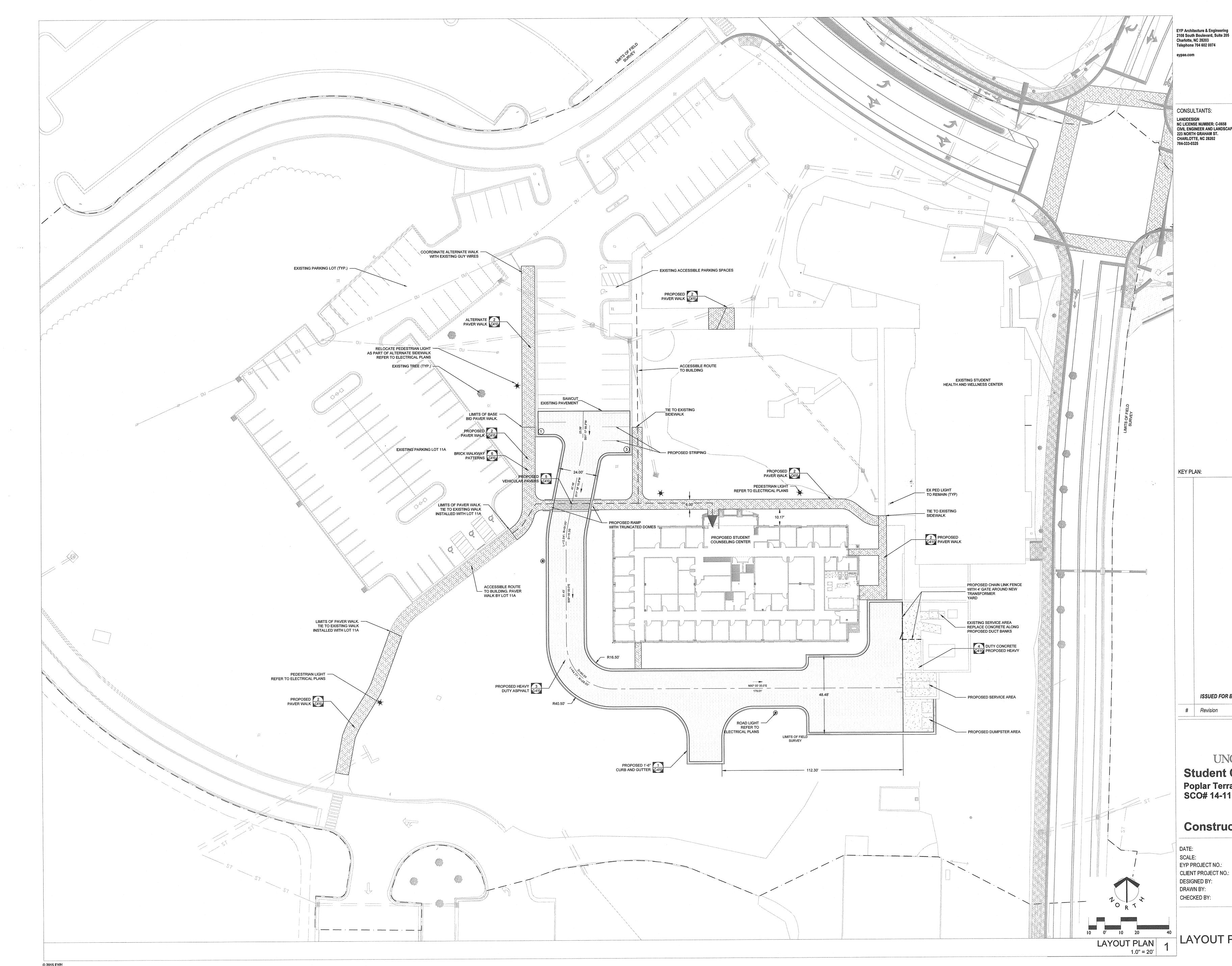


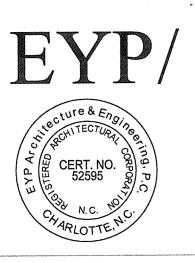










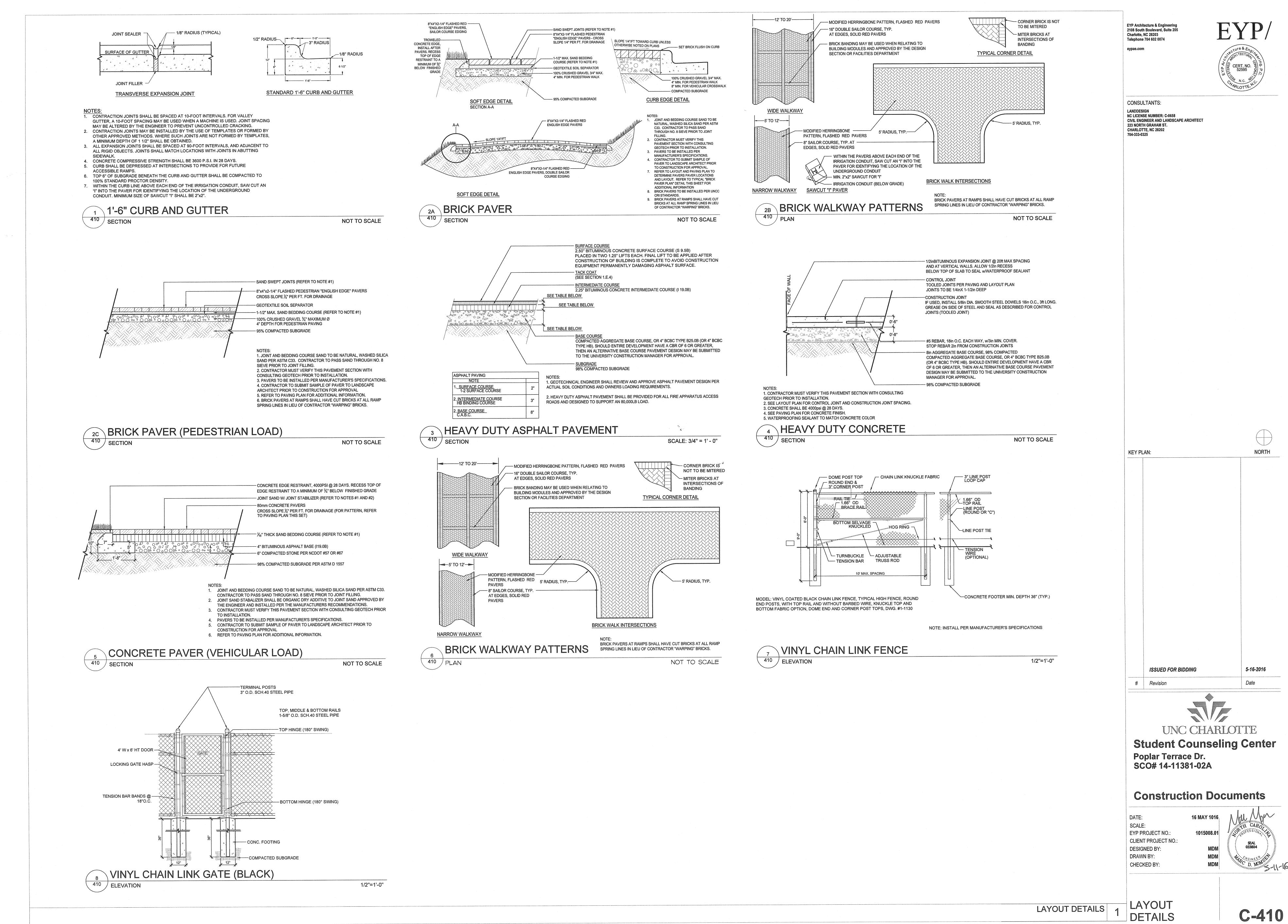


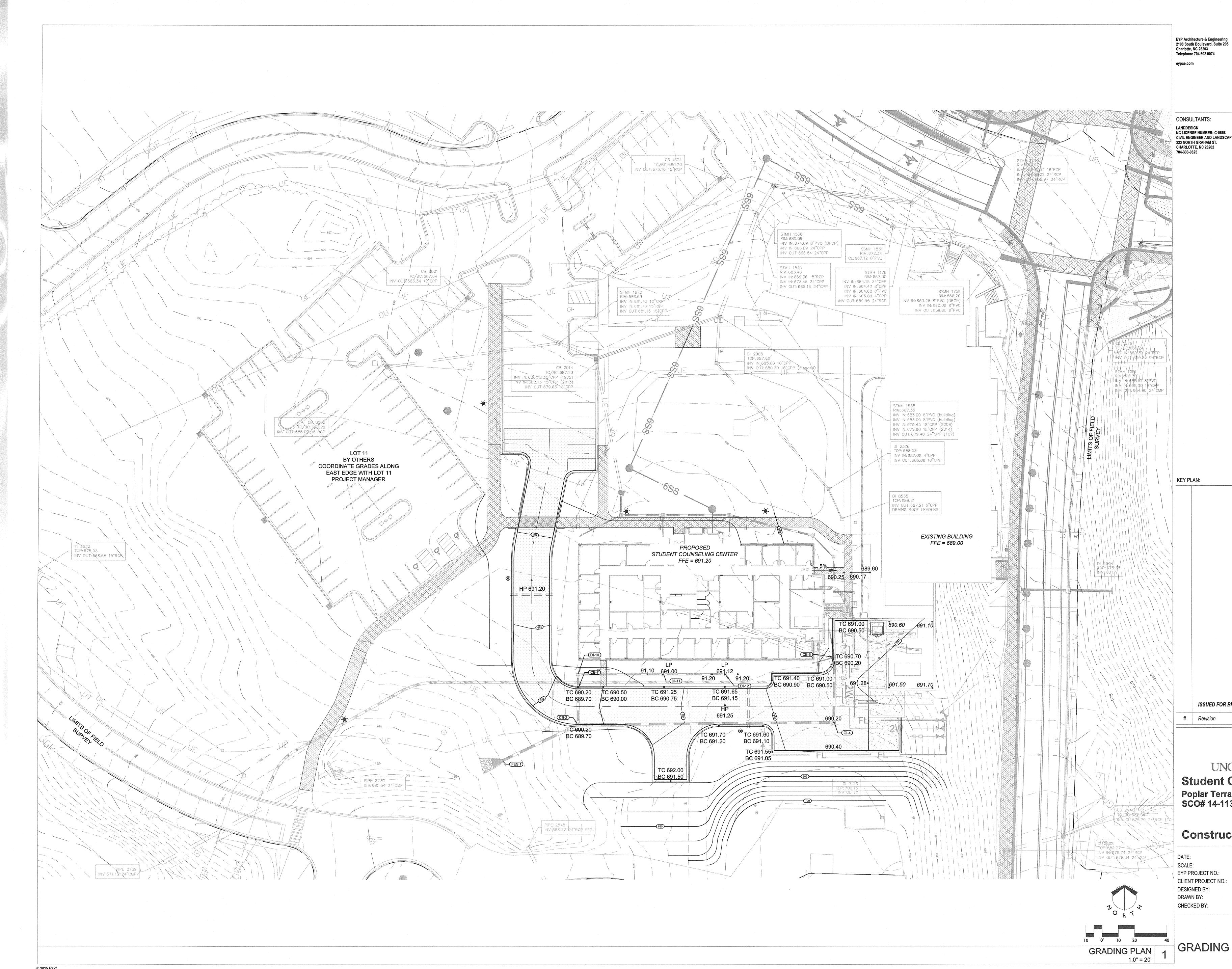
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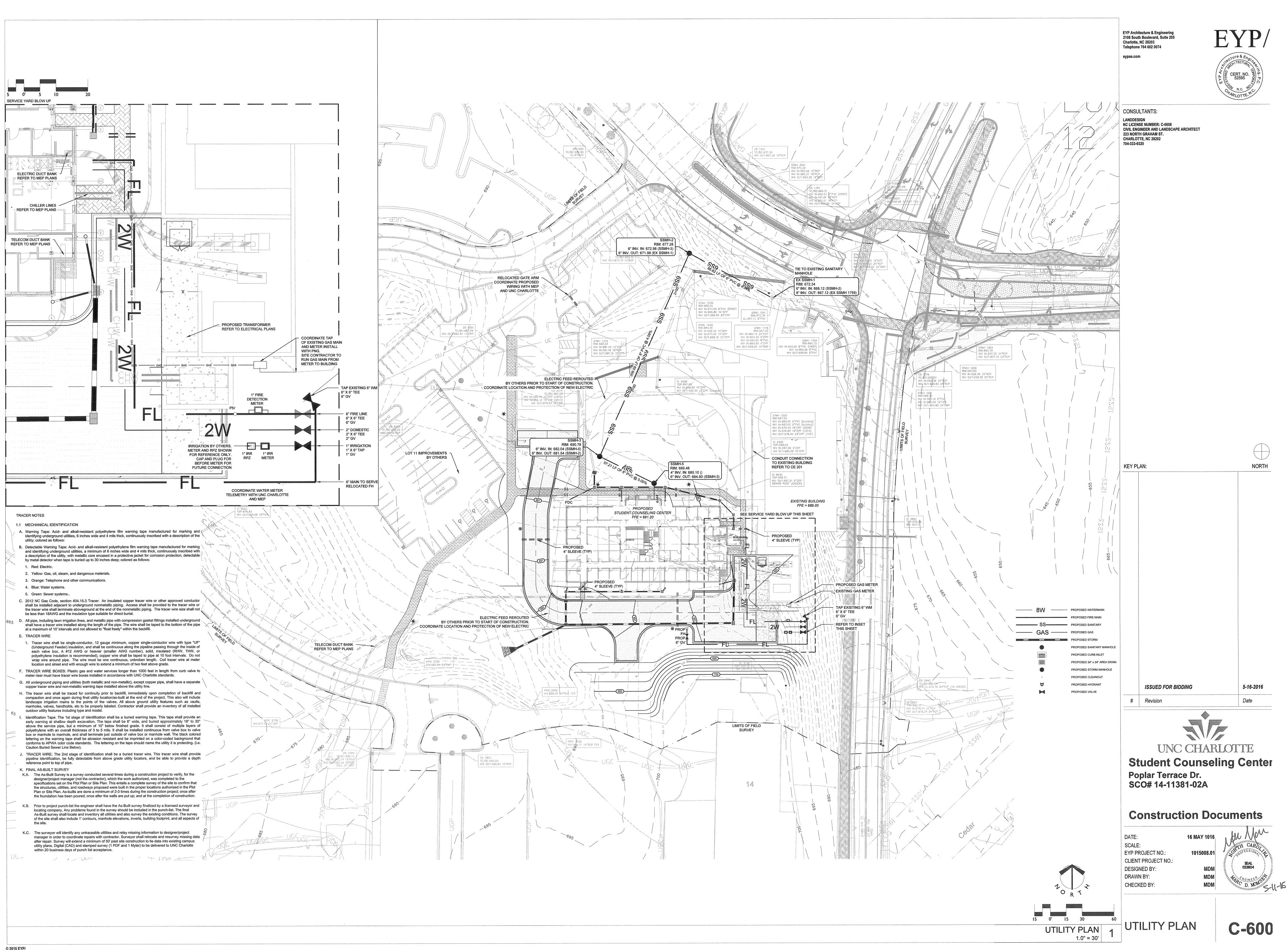




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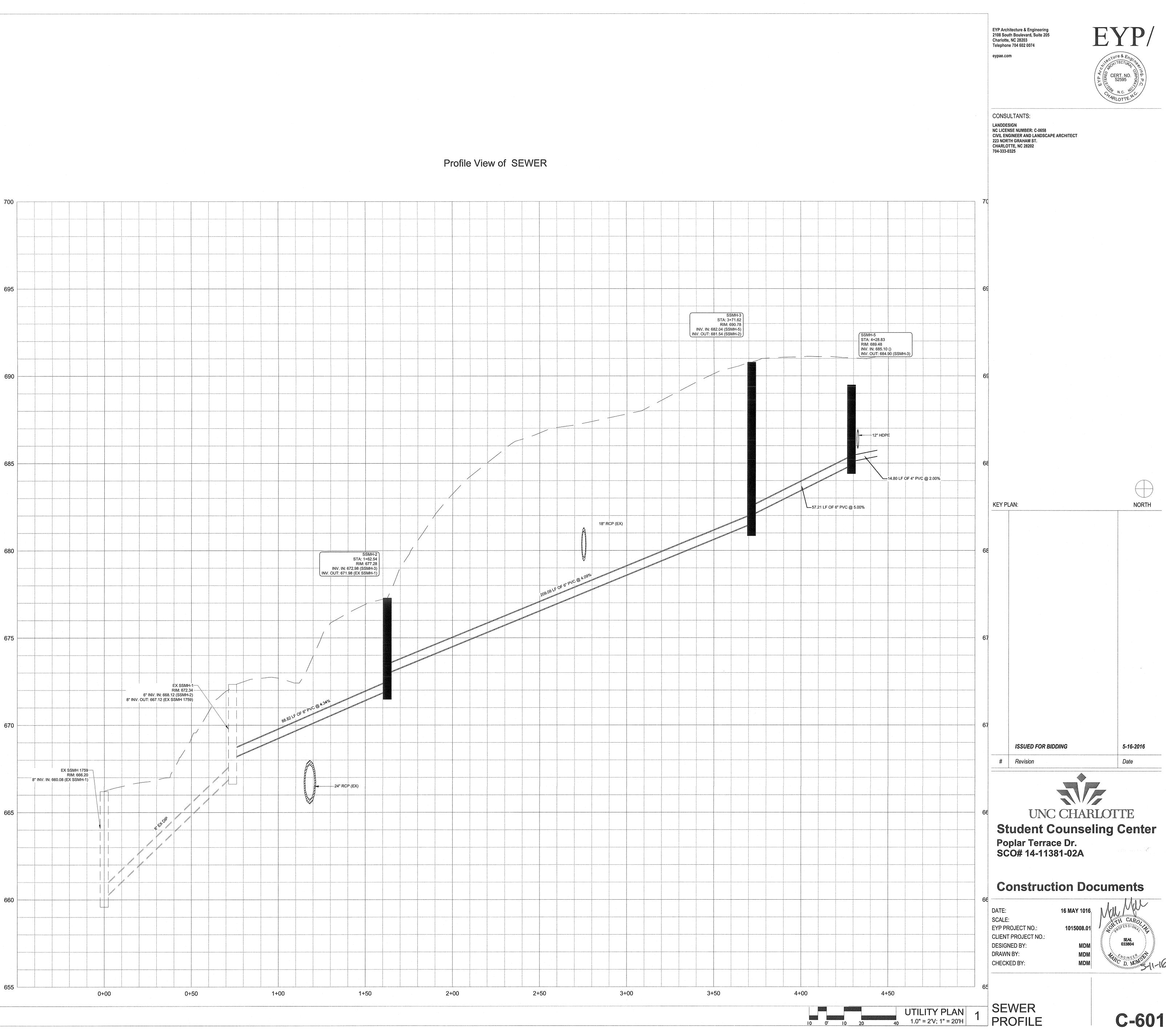
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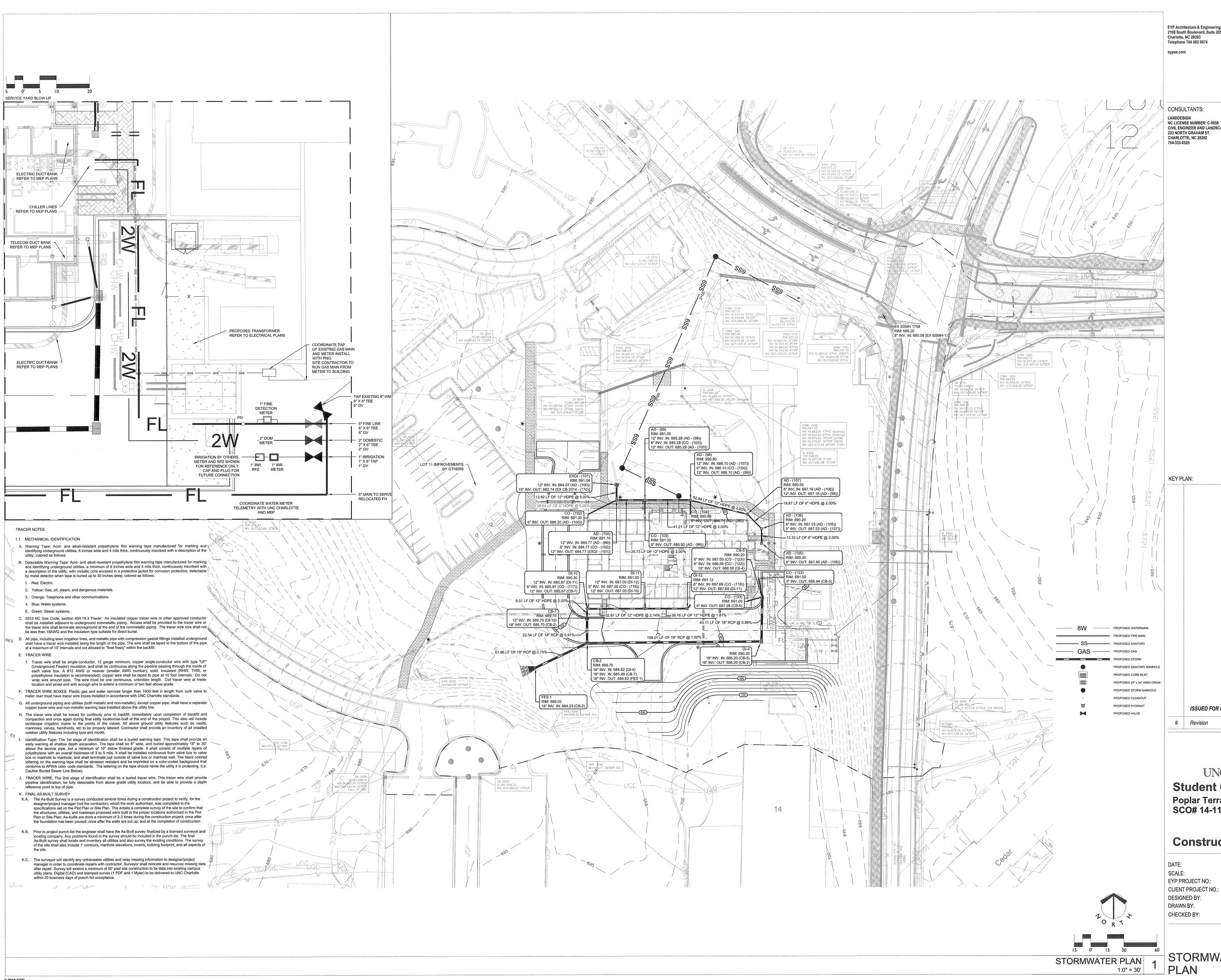


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## TRACER NOTES

- 1.1 MECHANICAL IDENTIFICATION
- A. Warning Tape: Acid- and alkali-resistant polyethylene film warning tape manufactured for marking and identifying underground utilities, 6 inches wide and 4 mils thick, continuously inscribed with a description of the utility; colored as follows:
- B. Detectable Warning Tape: Acid- and alkali-resistant polyethylene film warning tape manufactured for marking and identifying underground utilities, a minimum of 6 inches wide and 4 mils thick, continuously inscribed with a description of the utility, with metallic core encased in a protective jacket for corrosion protection, detectable by metal detector when tape is buried up to 30 inches deep; colored as follows: 1. Red: Electric.
- 2. Yellow: Gas, oil, steam, and dangerous materials.
- 3. Orange: Telephone and other communications.
- 4. Blue: Water systems.
- 5. Green: Sewer systems..
- C. 2012 NC Gas Code, section 404.15.3 Tracer: An insulated copper tracer wire or other approved conductor shall be installed adjacent to underground nonmetallic piping. Access shall be provided to the tracer wire or the tracer wire shall terminate aboveground at the end of the nonmetallic piping. The tracer wire size shall not be less than 18AWG and the insulation type suitable for direct burial.
- D. All pipe, including lawn irrigation lines, and metallic pipe with compression gasket fittings installed underground shall have a tracer wire installed along the length of the pipe. The wire shall be taped to the bottom of the pipe at a maximum of 10' intervals and not allowed to "float freely" within the backfill. E. TRACER WIRE
- 1. Tracer wire shall be single-conductor, 12 gauge minimum, copper single-conductor wire with type "UF" (Underground Feeder) insulation, and shall be continuous along the pipeline passing through the inside of each valve box. A #12 AWG or heavier (smaller AWG number), solid, insulated (RHW, THW, or polyethylene insulation is recommended), copper wire shall be taped to pipe at 10 foot intervals. Do not wrap wire around pipe. The wire must be one continuous, unbroken length. Coil tracer wire at meter
- location and street end with enough wire to extend a minimum of two feet above grade. F. TRACER WIRE BOXES: Plastic gas and water services longer than 1000 feet in length from curb valve to
- meter riser must have tracer wire boxes installed in accordance with UNC Charlotte standards. G. All underground piping and utilities (both metallic and non-metallic), except copper pipe, shall have a separate
- copper tracer wire and non-metallic warning tape installed above the utility line. H. The tracer wire shall be traced for continuity prior to backfill, immediately upon completion of backfill and compaction and once again during final utility location/as-built at the end of the project. This also will include landscape irrigation mains to the points of the valves. All above ground utility features such as vaults, manholes, valves, handholds, etc to be properly labeled. Contractor shall provide an inventory of all installed
- outdoor utility features including type and model. I. Identification Tape: The 1st stage of identification shall be a buried warning tape. This tape shall provide an early warning at shallow depth excavation. The tape shall be 6" wide, and buried approximately 18" to 30" above the service pipe, but a minimum of 10" below finished grade. It shall consist of multiple layers of polyethylene with an overall thickness of 3 to 5 mils. It shall be installed continuous from valve box to valve box or manhole to manhole, and shall terminate just outside of valve box or manhole wall. The black colored lettering on the warning tape shall be abrasion resistant and be imprinted on a color-coded background that conforms to APWA color code standards. The lettering on the tape should name the utility it is protecting. (i.e.
- Caution Buried Sewer Line Below). J. TRACER WIRE: The 2nd stage of identification shall be a buried tracer wire. This tracer wire shall provide pipeline identification, be fully detectable from above grade utility locators, and be able to provide a depth reference point to top of pipe.
- K. FINAL AS-BUILT SURVEY K.A. The As-Built Survey is a survey conducted several times during a construction project to verify, for the designer/project manager (not the contractor), which the work authorized, was completed to the specifications set on the Plot Plan or Site Plan. This entails a complete survey of the site to confirm that the structures, utilities, and roadways proposed were built in the proper locations authorized in the Plot Plan or Site Plan. As-builts are done a minimum of 2-3 times during the construction project; once after the foundation has been poured; once after the walls are put up; and at the completion of construction.
- K.B. Prior to project punch-list the engineer shall have the As-Built survey finalized by a licensed surveyor and locating company. Any problems found in the survey should be included in the punch-list. The final As-Built survey shall locate and inventory all utilities and also survey the existing conditions. The survey of the site shall also include 1' contours, manhole elevations, inverts, building footprint, and all aspects of the site.
- K.C. The surveyor will identify any untraceable utilities and relay missing information to designer/project manager in order to coordinate repairs with contractor. Surveyor shall relocate and resurvey missing data after repair. Survey will extend a minimum of 50' past site construction to tie data into existing campus utility plans. Digital (CAD) and stamped survey (1 PDF and 1 Mylar) to be delivered to UNC Charlotte within 20 business days of punch list acceptance.



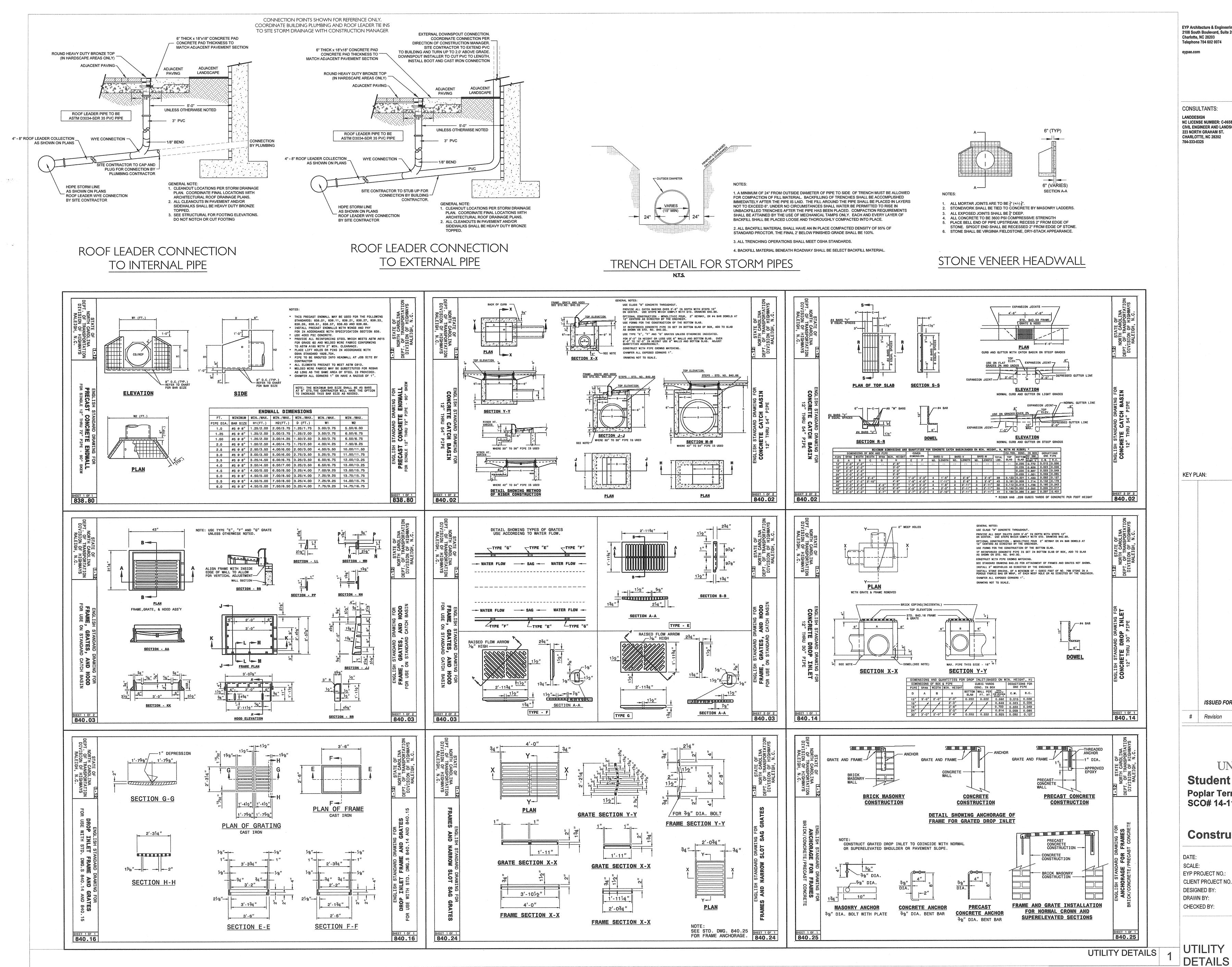


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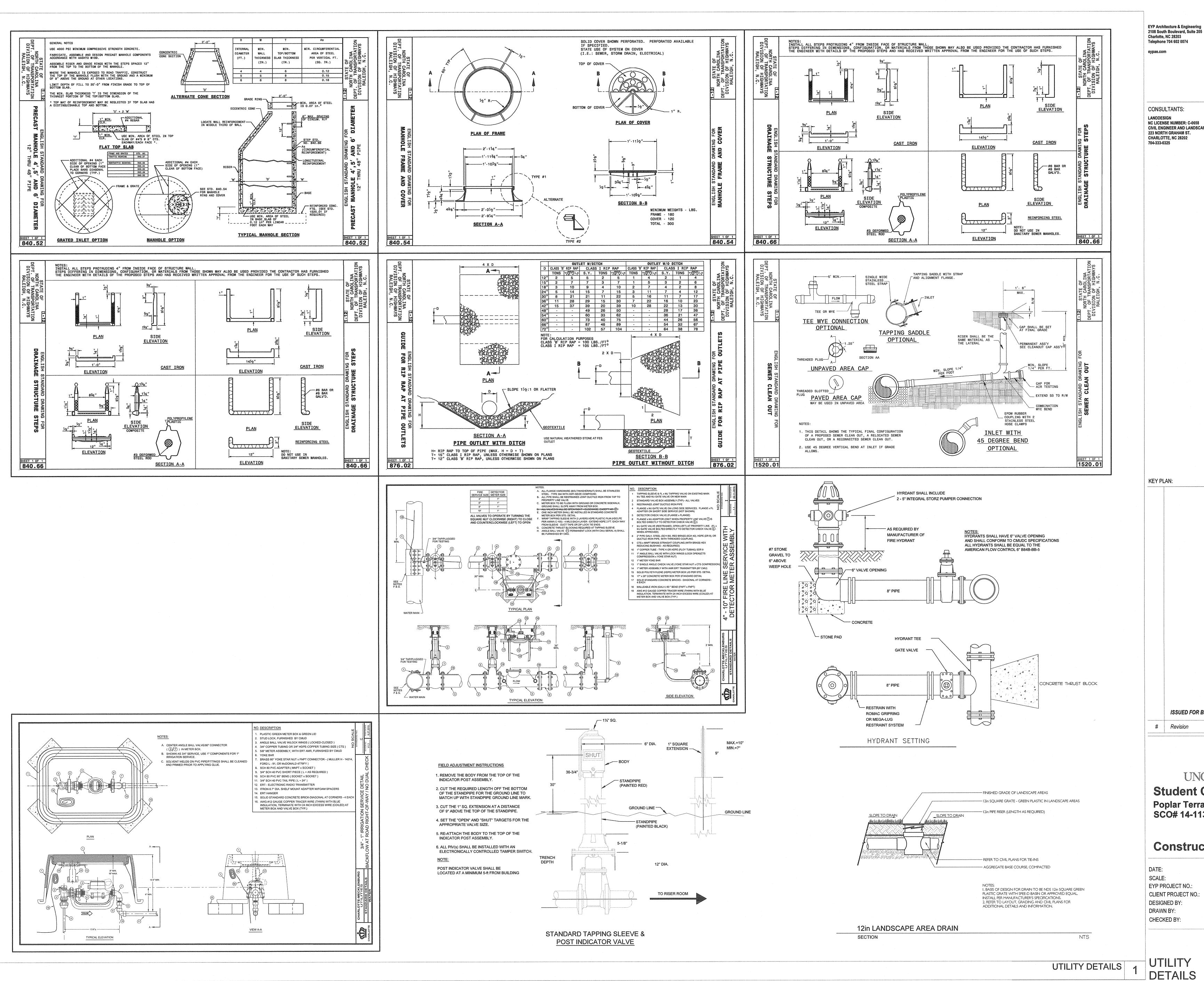
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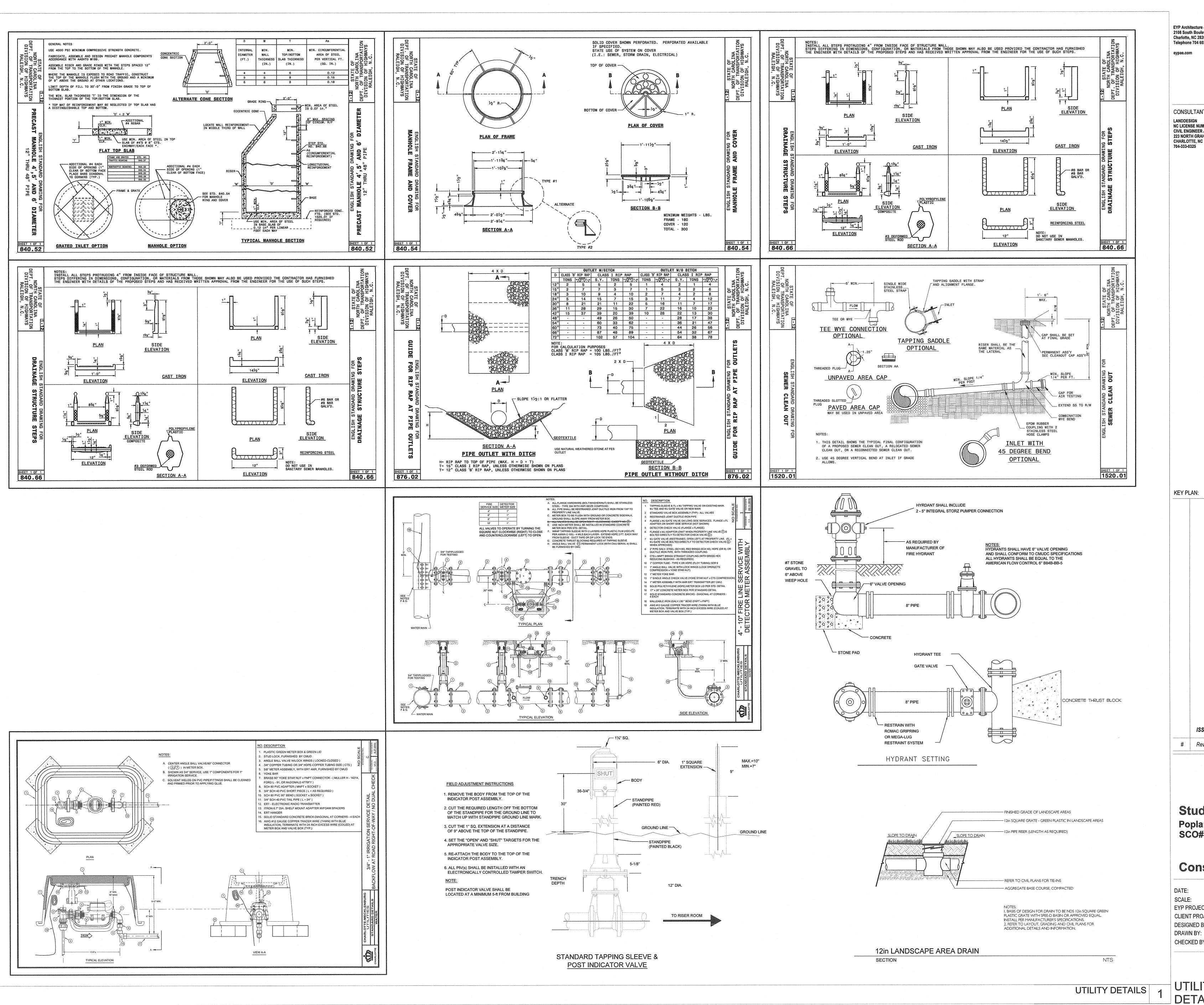


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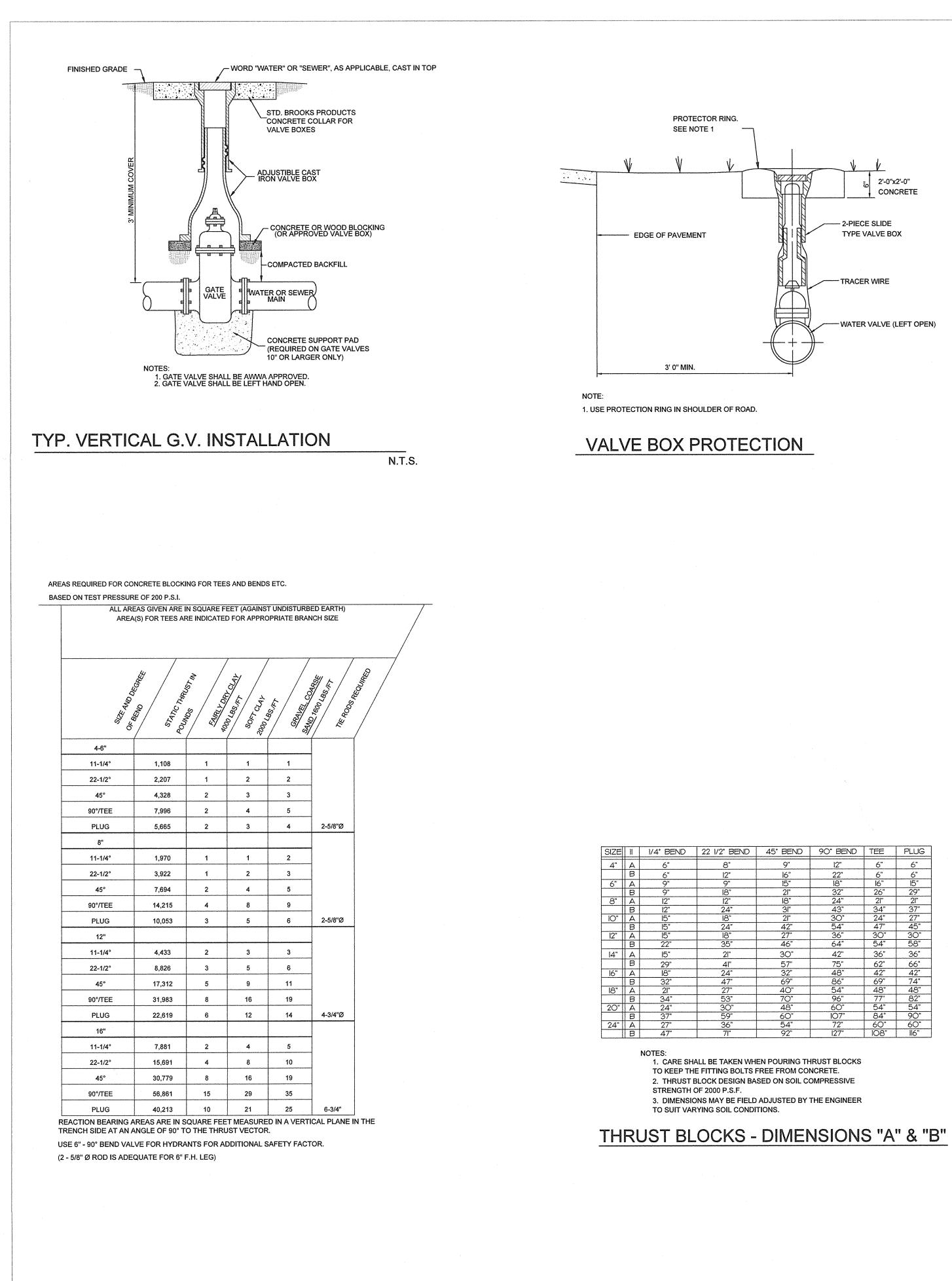
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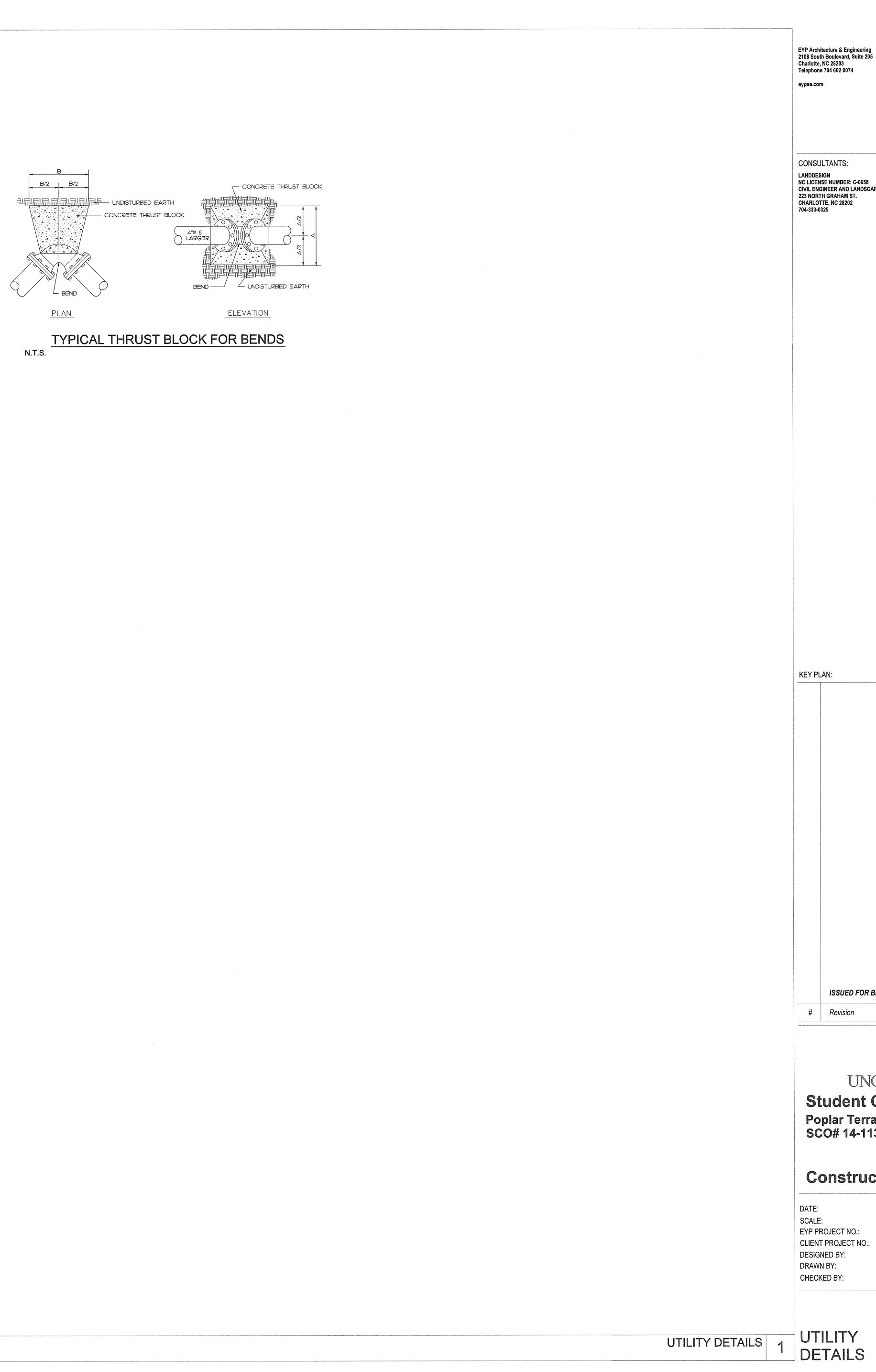


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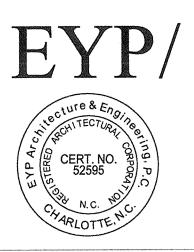
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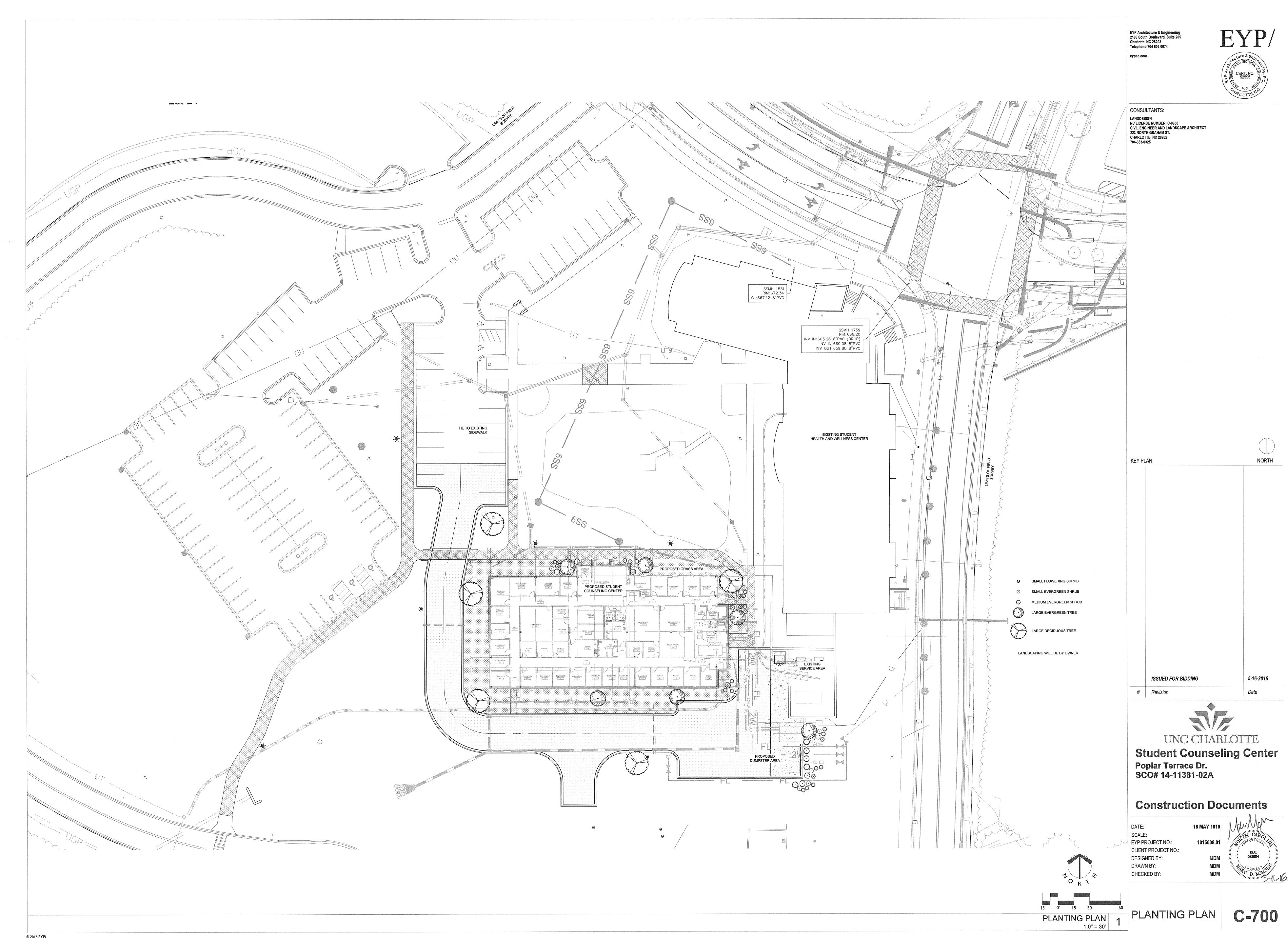


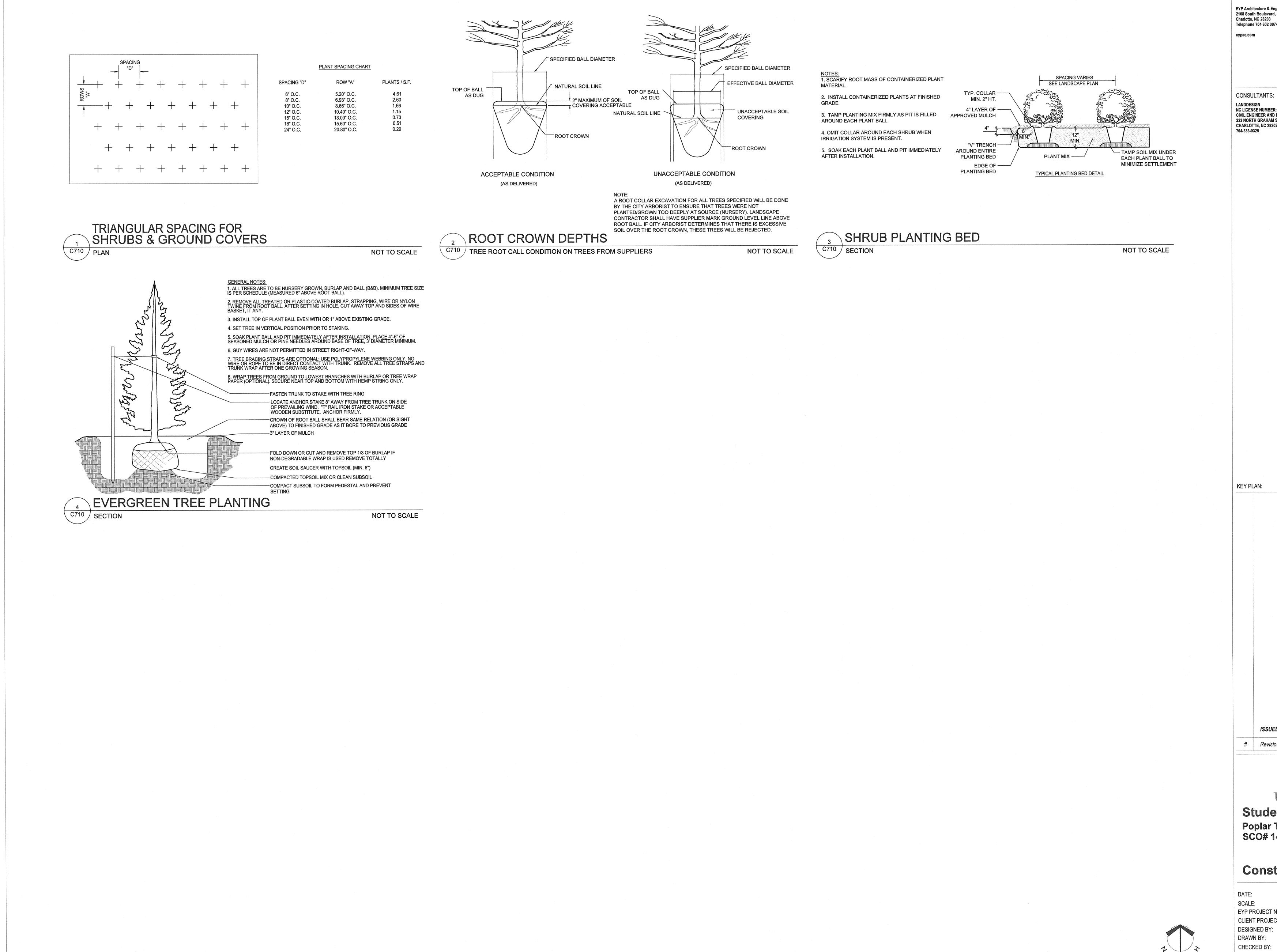
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