

Civil Engineer Stormwater Best Management Practice (permanent) Certification Letter

December 18, 2020

El Paso County Planning and Community Development 2880 International Circle, Suite 110 Colorado Springs, CO 80910

Attn.: Brad Walters, Inspections Supervisor

RE: Redtail Ranch Filing No. 1

The permanent stormwater Best Management Practices (BMPs) for **Redtail Ranch Filing No. 1** consists of a two individual Private Full Spectrum Extended Detention Basins. These facilities are described by the following:

Pond 1 within a Stormwater Quality Easement on Lot 5 Pond 2 within a Stormwater Quality Easement on Lot 7

Based upon this information and information gathered during periodic site visits to the project during significant/key phases of the stormwater BMP installation, along with the attached as-built plans, Classic Consulting Engineers & Surveyors, LLC is of the opinion that the stormwater BMPs have been constructed in general compliance with the approved Construction Plans, and Specifications as filed with El Paso County.

Statement Of Engineer In Responsible Charge:

I, Marc A. Whorton, a registered Professional Engineer in the State of Colorado, in accordance with Sections 5.2 and 5.3 of the Bylaws and Rules of the State Board of Registration for Professional Engineers and Professional Land Surveyors, do hereby certify that I or a person under my responsible charge periodically observed the construction of the above mentioned project. Based on the on-site

field observations and review of pertinent as-built documentation, it is my professional opinion that the required permanent BMPs have been installed and are in general compliance with the approved Construction Plans, and Specifications as filed with El Paso County. For BMPs with a Water Quality Capture Volume (WQCV), I have attached the post-construction As-Built drawings. The As-Built drawings accurately depict the final installation of the stormwater BMPs.

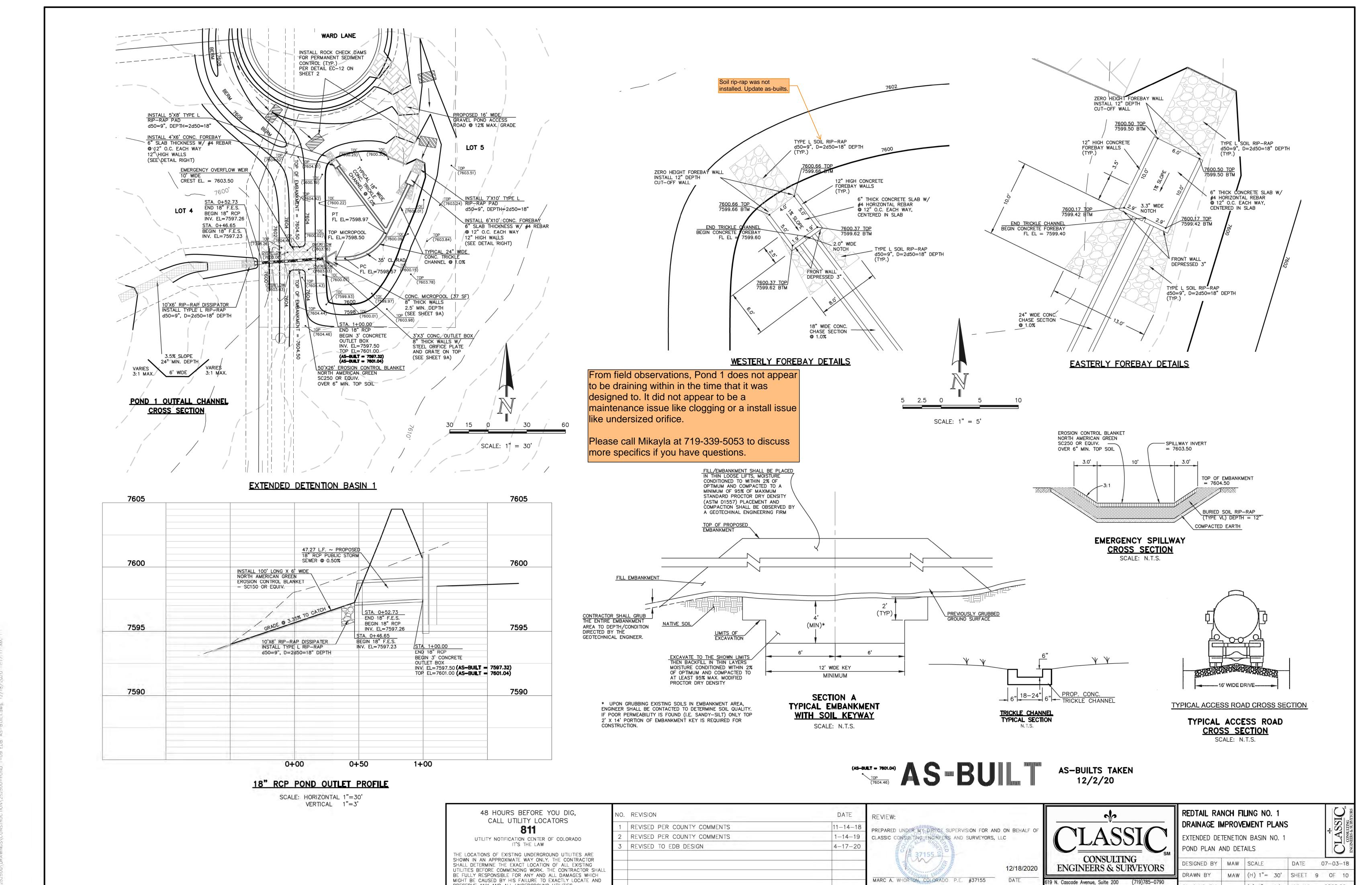




Revise Cert Letters per ECM Chapter 5.10.6.B:

Engineering Record Drawings shall be accompanied by a certification letter from the Engineer of Record which shall state that the site and adjacent properties (as affected by work performed under the County permit) are stable with respect to settlement and subsidence, sloughing of cut and fill slopes. revegetation or other ground cover, and that the improvements (public improvements, common development improvements, site grading and paving) meet or exceed the minimum design requirements.

For sites including detention and/or water quality facilities, the certification letter shall include a statement that the facilities provide the required storage volume and will meet the required release rates, as documented by an attached UDFCD design form submitted with the original application, the stage areas, elevations and outlet dimensions. If the detention/WQCV facility cannot be modeled with UDFCD spreadsheets due to a large contributing area, other verified stage/storage/discharge tables for the applicable design storms shall be provided with the certification letter.

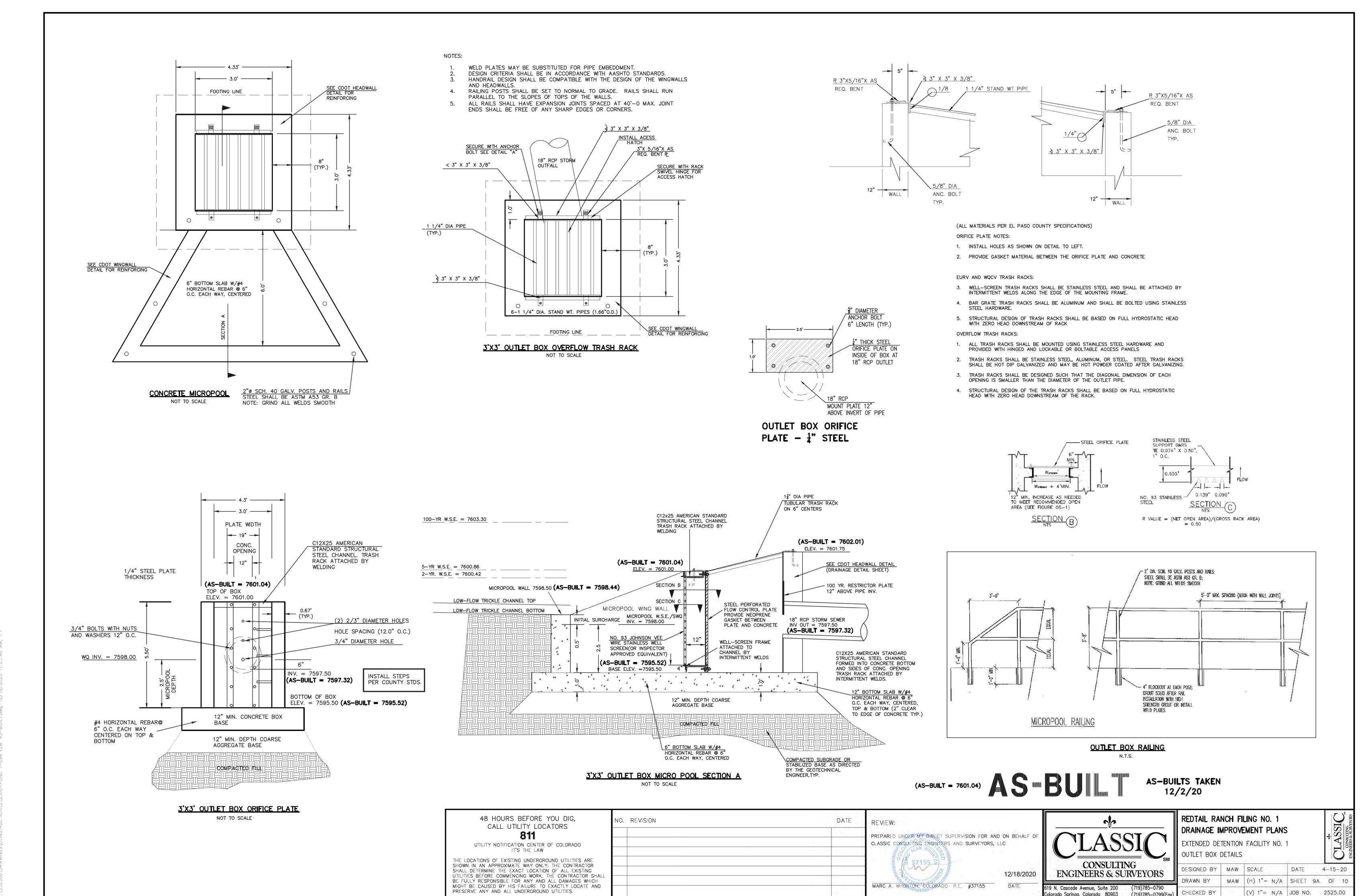


(V) 1"= N/A JOB NO. 2525.00

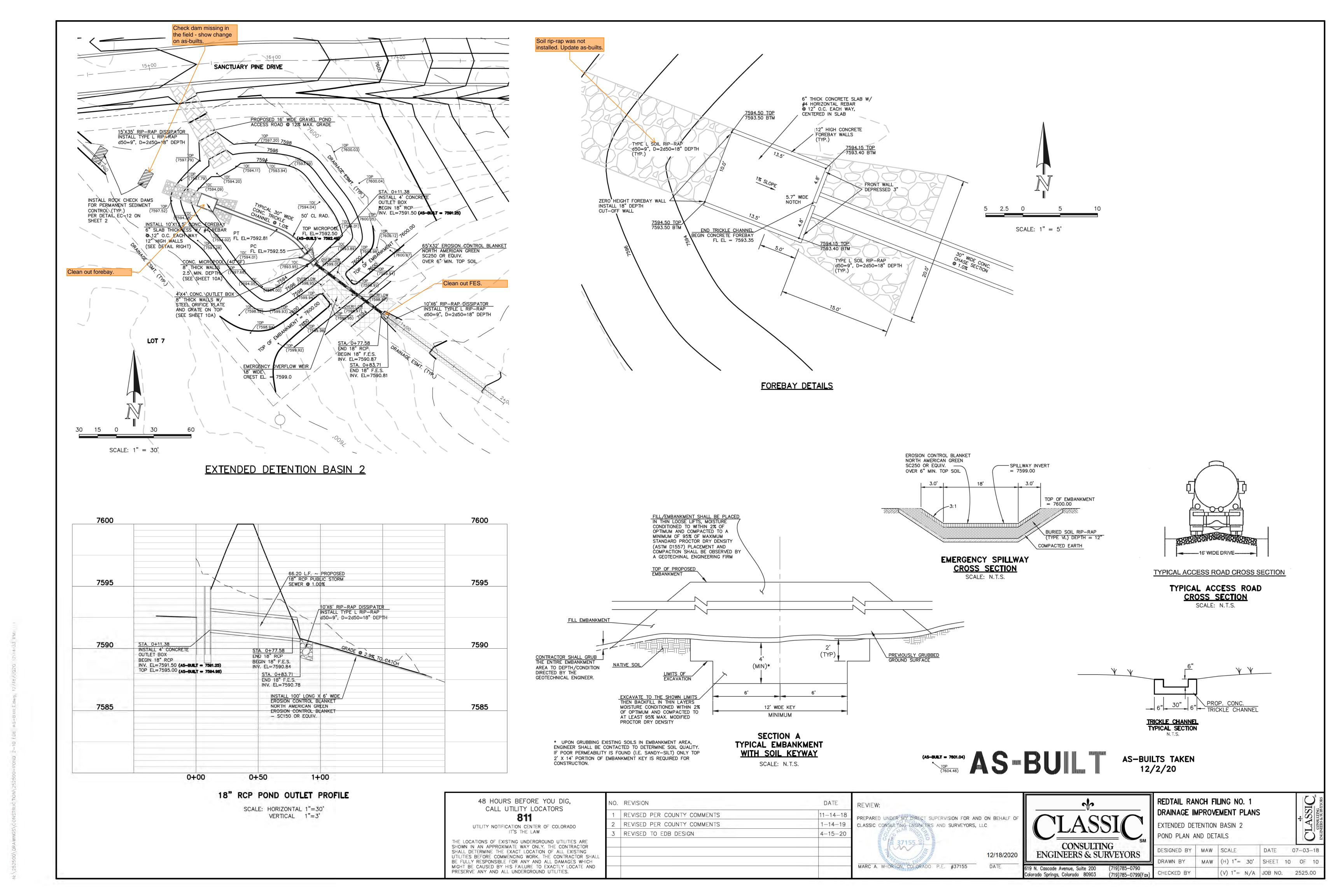
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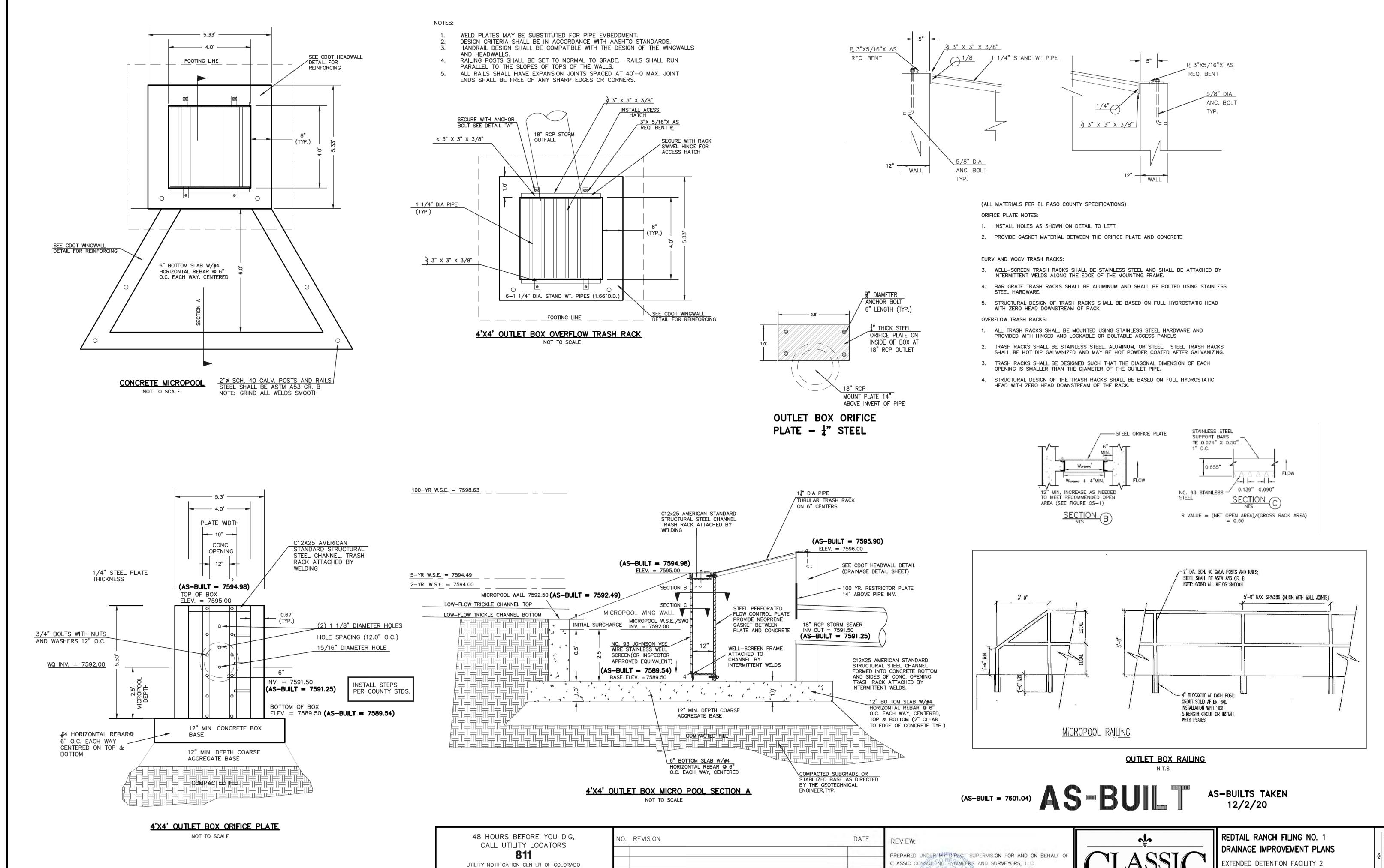
colorado Springs, Colorado 80903 (719)785-0799(Fax)

PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



colorado Springs, Colorado 80903 (719)785-0799(Fax)





IT'S THE LAW

UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL

BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH

MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE

SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING

PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR

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CLASSIC CONSULING ENGINEERS & SURVEYORS

OUTLET BOX DETAILS

CONSULTING

ENGINEERS & SURVEYORS

colorado Springs, Colorado 80903 (719)785-0799(Fax)

9 N. Cascade Avenue, Suite 200

12/18/2020

MARC A. WHORTON, COLORADO P.E. #37155

DESIGNED BY MAW SCALE DATE 4-15-20

DRAWN BY MAW (H) 1"= N/A SHEET 10A OF 10

CHECKED BY (V) 1"= N/A JOB NO. 2525.00