PINE CREEK DETENTION FACILITY "C"

CITY OF COLORADO SPRINGS, COUNTY OF EL PASO, STATE OF COLORADO

GRADING AND EROSION CONTROL PLANS

JULY 1998

GENERAL NOTES:

- If shall be the responsibility of the contractor to verify the existence and location of all underground utilities on and adjacent to the site. The objector from or the inclusion of utility locations on the Plans Shall not to be constitud as the non-existence of or a definite location of existing underground utilities.
- 2. THE CONTRACTOR WILL TAKE THE NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES. BILLDINGS, FENCES, AND ROADWAYS FROM DAMACE DUE TO THIS OPERATION. ANY DAMACE TO THE AUDIE MILE SEPARED AT THE CONTRACTOR'S EXPENSE, AND ANY SERVICE DISCUSSION MILL BE SEPARED AT THE CONTRACTOR'S EXPENSE, AND ANY SERVICE DISCUSSION MILL BE SETTLED BY THE CONTRACTOR.
- 3. OVERLOT GRADING SHALL BE COMPLETED TO A SUBGRADE TOLERANCE OF PLUS OR
- 4. CONTRACTOR SHALL OBTAIN COPIES OF THE SOILS REPORT FROM THE GEOTECHNICAL ENGINEER AND KEPT ONSITE DURING ALL EARTHWORK OPERATIONS.
- 5. THE SITE SHALL BE STRIPPED A MINIMUM OF 0.5' BELOW EXISTING CRADE AND THE TOPSOIL STOCKPILED ON OR OFFSITE FOR REUSE.
- 6. MAXIMUM CUT/FILL SLOPES SHALL NOT EXCEED 3:1. UNLESS OTHERWISE NOTED.
- 7. THE PRIMARY FUNCTION OF THIS FACILITY IS STORMWATER DETENTION. AS SUCH IT WILL BE EXPECTED TO ACT AS A DAM FOR PERIOD DURING AND FOLLOWING ANY MAJOR STORM. ANY USE OR ACTIVITY THAT WOULD COMPROMISE THIS FUNCTION SHOULD BE CAREFULLY CONTROLLED, I.E. USES THAT ENTAIL OBJECTS THAT COULD CLOG THE SPILLWAY OR COMPROMISE THE BERM OR OUTLET SPILLWAY AREA.

- THE SOUTH 1/4 CORNER OF SECTION 22 BEING A 3-1/4" ALUMINUM CAP STAMPED L.S. 10956 APPROXIMATELY 2540" EAST OF THE EXISTING END OF CURB ON BRIARGATE PARKMAY AND APPROXIMATELY 680" NORTH OF THE SAME. EL. = 6821-58

EROSION CONTROL CRITERIA;

EROSION AND SEDIMENT CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. EROSION CONTROL MEASURES SHALL BE IMPLEMENTED IN A MANNER THAT WILL PROTECT PROPERTIES AND PUBLIC FACILITIES FROM ADVERSE EFFECTS OF EROSION AND SEDIMENTATION AS A RESULT OF CONSTRUCTION AND EARTH ACTIVITIES WITHIN THE PROJECT SITE.

- 1. INSTALL ALL EROSION CONTROL MEASURES INDICATED ON THE EROSION CONTROL EROSION PLAN PRIOR TO ANY FARTHWORK DISTURBANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADDITIONAL EROSION CONTROL MEASURES INCIDENTAL TO THE WORK.
- 2. THE CONTRACTOR SHALL CHECK ALL EROSION CONTROL MEASURES AFTER EVERY RAINFALL. ALL NECESSARY REPAIRS OR REPLACEMENT SHALL BE DONE IMMEDIATELY.
- 3. SEDIMENT TRAPPED BY CHECKDAMS, SEDIMENT BASINS AND SILT FENCES SHALL BE PERIODICALLY REMOVED AS NECESSARY TO ENSURE PROPER FUNCTION PROPER FUNCTION OF THESE MEASURES.
- 4. ALL NECESSARY FROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE AND MAINTAINED UNTIL SUCH TIME AS THE EROSION AND SEDIMENTATION POTENTIAL IS MITIGATED AND THE SHE DEEMED STABLE BY REVIEW AUTHORITIES. AT SUCH TIME THE CONTRACTOR SHALL REMOVE ALL EROSION CONTROL DEVICES, COLLECTED DEBRIS AND SEDIMENT FROM THE SHE AND AND DISPOSE OF ALL SUCH MATERIALS IN AN ACCEPTABLE MANNER.

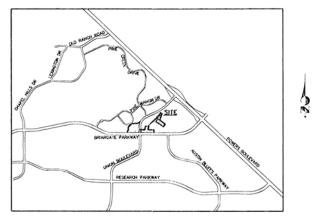
EROSION CONTROL COST OPINION;

1. 9 EACH - STRAW BALE FOR CHECK DAMS 0 \$4,00/BALE \$ 108 3. 1440 LF SILT FENCE 0 \$1.00/LF \$ 1440 \$ 387 4. 25% MAINTENANCE AND REPLACEMENT 5. 22.0 AC. OF RESEEDING . \$500.00/AC \$ 11000

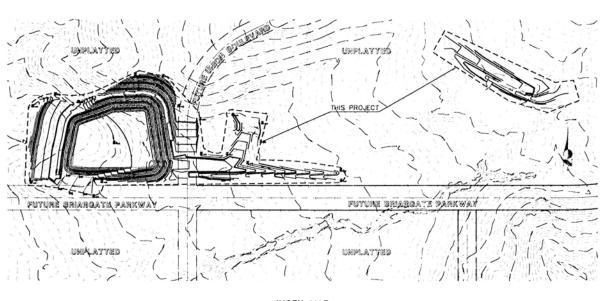
\$ 12935

JR ENCINEERING, LID. CANNOT AND DOES NOT GUARANTEE THAT THE CONSTRUCTION COSTS WILL NOT VARY FROM THESE OPINIONS OR PRODABLE CONSTRUCTION COSTS. THESE OPINIONS
REPRESENT OUR BEST JUDGEMENT AS A DESIGN PROFESSIONAL FAMILIAR WITH THE CONSTRUCTION

Preliminary Drainage Report Regional Detention Facility "C" Water Quality Retrofit



VICINITY MAP



INDEX MAP

AGENCIES:

DEVELOPER:

L.P.47, LLC dba

LA PLATA INVESTMENTS
7150 CAMPUS DRIVE, SUITE 365
COLORADO SPRINGS, COLORADO 80920 MR. BOB INCELS (719) 260-7477

CIVIL ENGINEER:

JR ENGINEERING, LTD.
4935 NORTH 30TH STREET
COLORADO SPRINGS, COLORADO 80918
MR. FRANK TRIPI (719) 593-2593

CITY OF COLORADO SPRINGS 101 W. COSTILLA STREET COLORADO SPRINGS, COLORADO 80903

MR. TIM MITROS (719) 385-506

WATER RESOURCES:

ENGINEERING DIVISION

CITY OF COLORADO SPRINGS 111 S. CASCADE AVENUE, SUITE 201 COLORADO SPRINGS, COLORADO 80903 MR. JERRY VALLE (719) 448-8252

WATER: CITY OF COLORADO SPRINGS 111 S. CASCADE AVENUE, SUITE 201 COLORADO SPRINGS, COLORADO 80903 MRS. JANET KOSCIELSKI (719) 448-8253

GAS DEPT:

ELECTRIC DEPT

101 S. CONEJOS STREET COLORADO SPRINGS, COLORADO 80903 MR. DAVE DEUTSCH (719) 668-3520

CITY OF COLORADO SPRINGS

7710 DURANT DRIVE COLGRADO SPRINGS, COLORADO 80920 MR. DAN GIECK (719) 668-4962

A.T.& T. (LOCATORS) (719) 635-3674

APPROVALS:

IF SUCH WORK IS PERFORMED IN ACCORDANCE WITH THE GRADING AND EROSION CONTROL PLAN, THE WORK WILL NOT BECOME A HAZARD TO LIFE AND LIMB, ENDANGER PROPERTY, OR ADVERSELY AFFECT THE SAFETY, USE, OR STABILITY OF A PUBLIC WAY, DRAINAGE CHANNEL, OR OTHER PROPERTY

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF JR ENGINEERING, LTD.

KYLE R. CAMPBELL, COLORADO P.E. 29794

11.10-98 DATE

THE OWNER WILL COMPLY WITH THE REQUIREMENTS OF THIS GRADING AND

11/12/98 DATE

THIS GRADING PLAN IS FILED IN ACCORDANCE WITH SECTION 15-3-1503 (ENACIED AS OND. 82-56) OF THE CODE OF THE CITY OF COGRADO SPRINGS, 1980, AS AMENDED. EROSION CONTROL IS REVEWED IN ACCORDANCE WITH SECTION 4.8 OF THE DRAINAGE CRITERIA MANUAL, OCTOBER 1991, LATEST REMSION.

CITY ENGINEER, CITY OF COLORADO SPRINGS

12/4/98

SHEET INDEX

GRADING PLAN & EROSION CONTROL PLAN DROP STRUCTURE

SHEET 1 OF 4 SHEET 2 & 3 OF

Powers Bridge Project

9812-8

UNTIL SUICH TIME AS THES DRAWINGS ARE APPROVED THE APPROVED AGENCERNING AGENCIES, AS PROVES THERE USE ONLY THE PURPOSES DESCALATER WISTED AUTHORATORY. ·ω

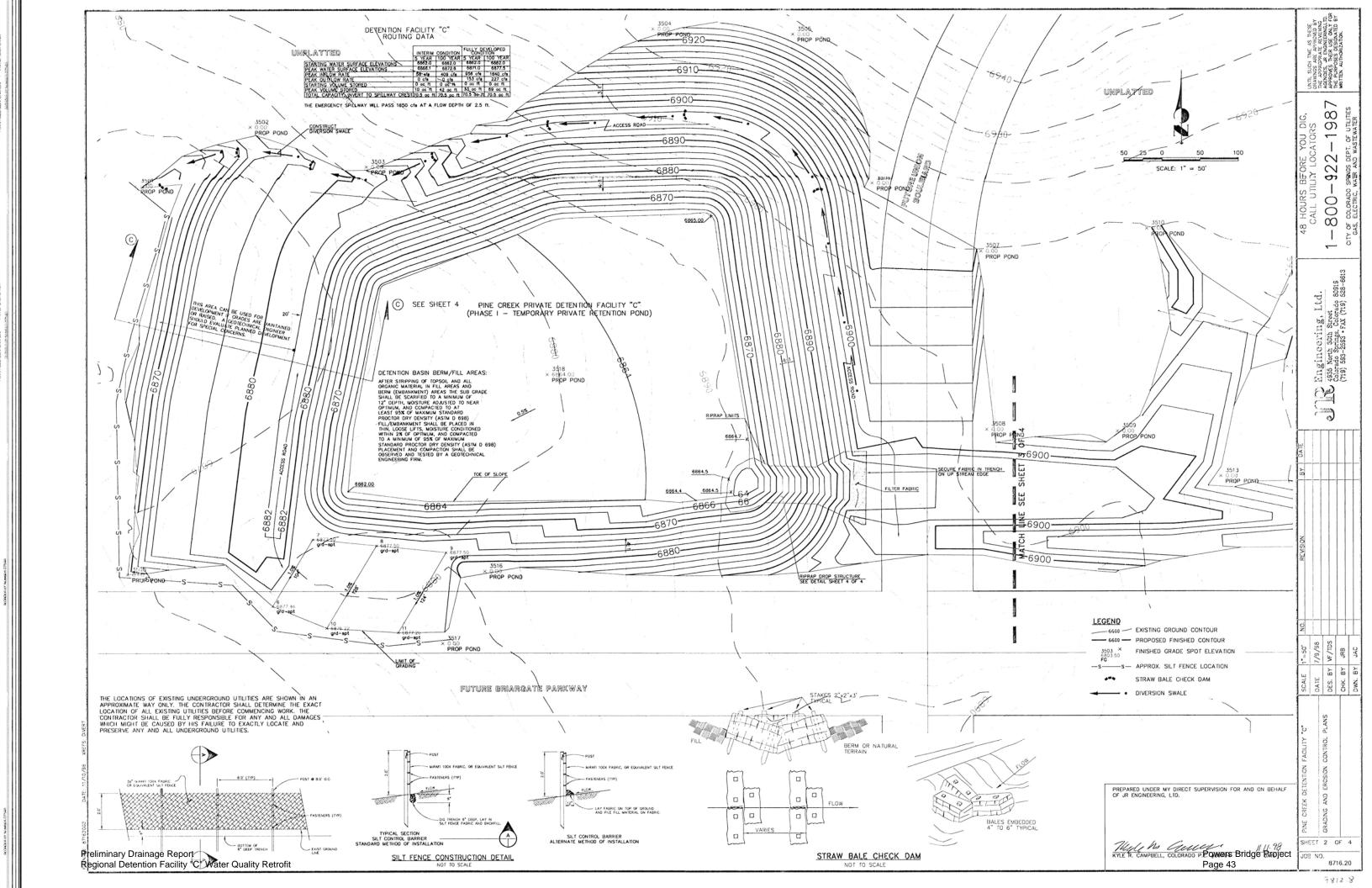
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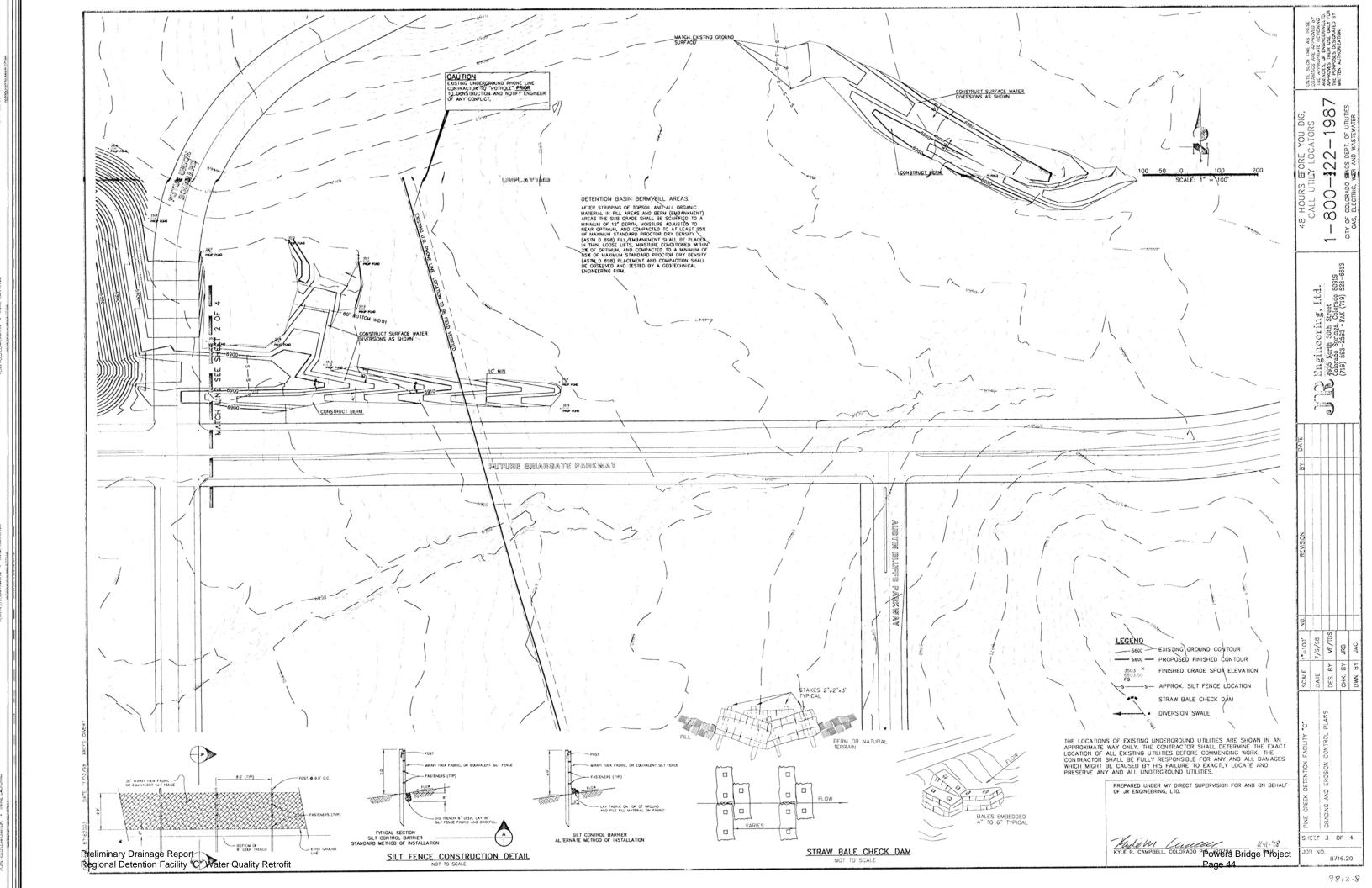
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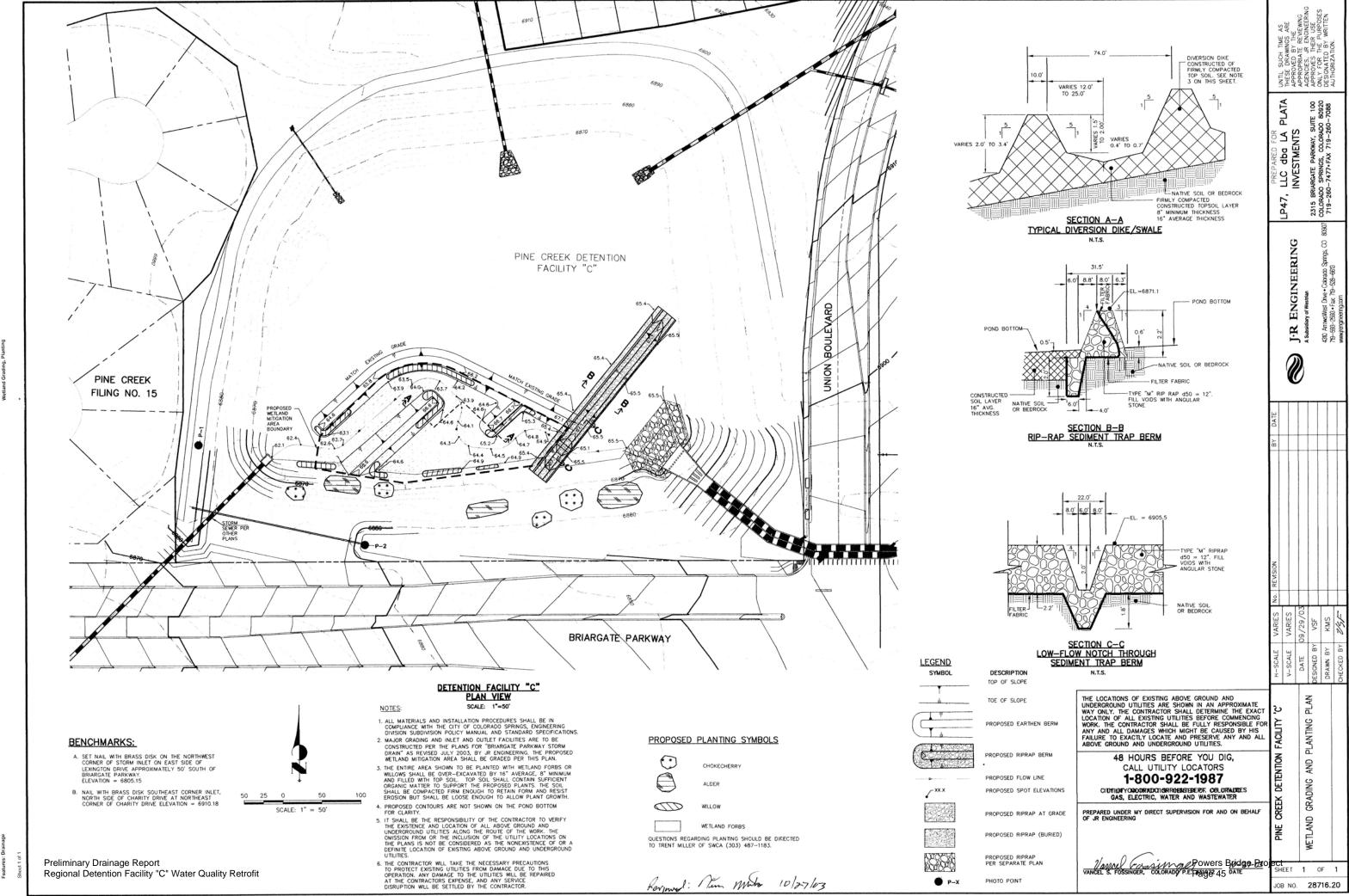
8091 528-Engineering, Ltd 4935 North 30th Street Colorado Springs, Colorado 8 (719) 593-2593 • FAX (719) 5 2

CONTROL EROSION AND ADING

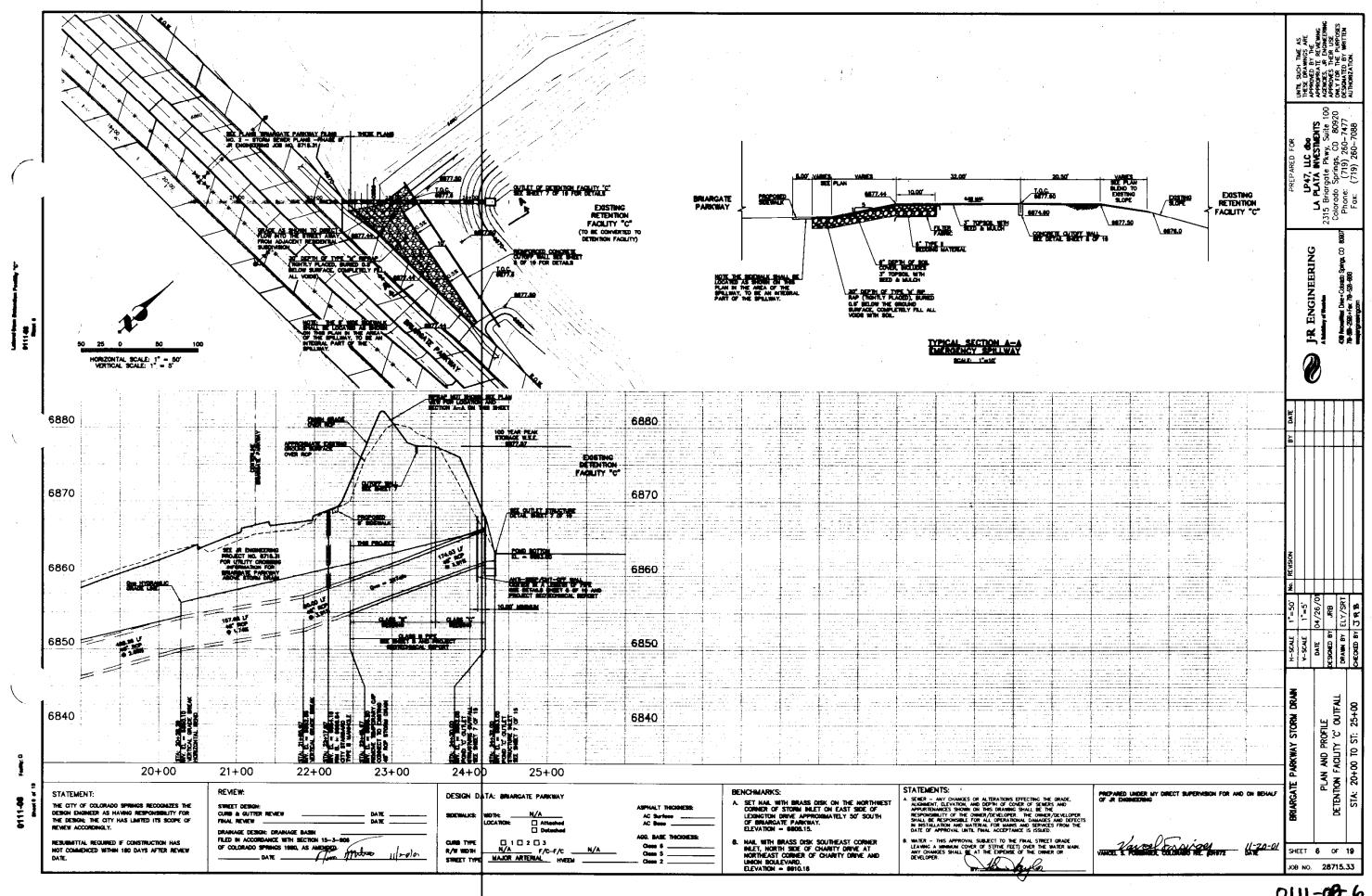
SHEET 1 OF 4

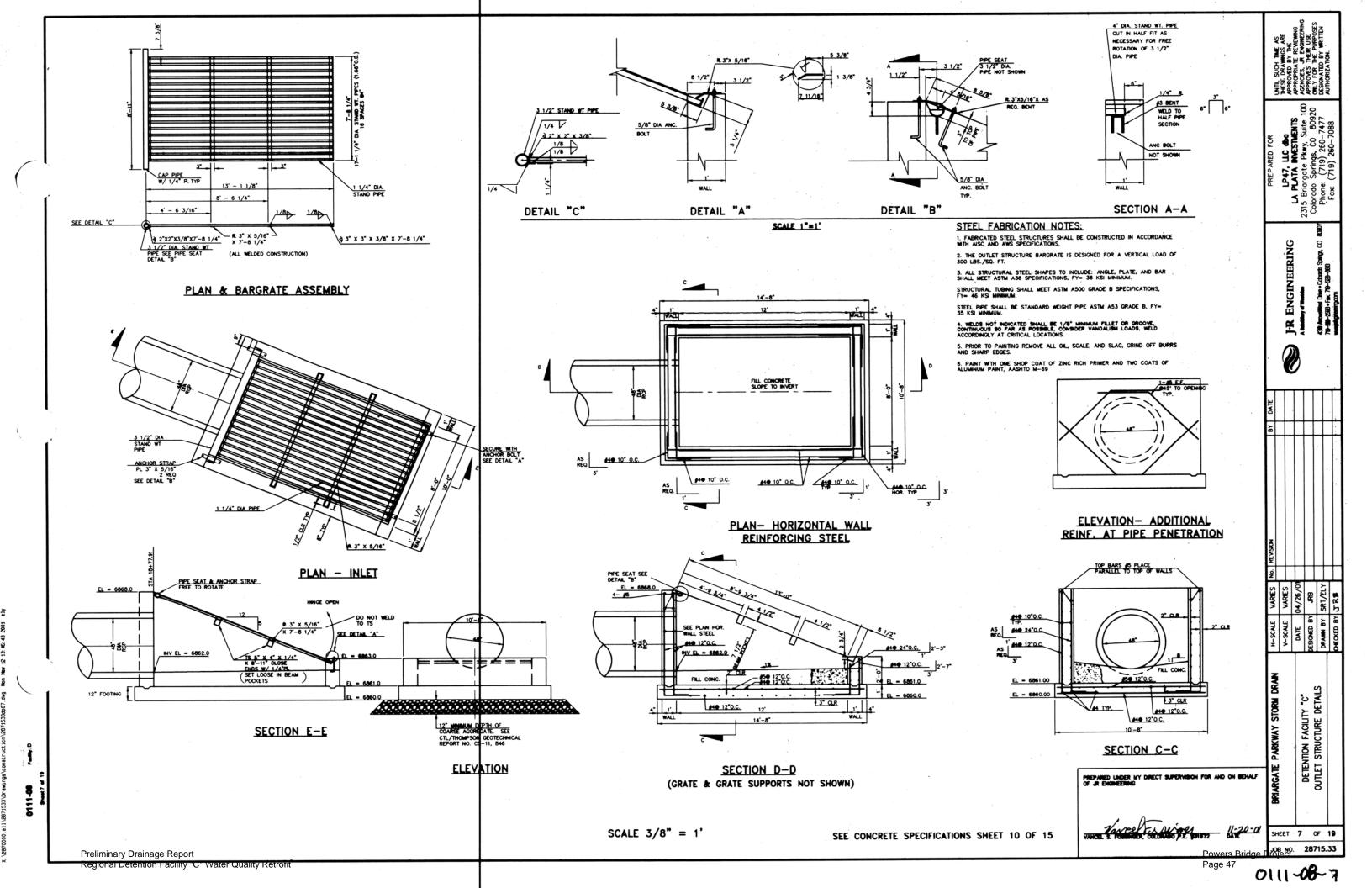


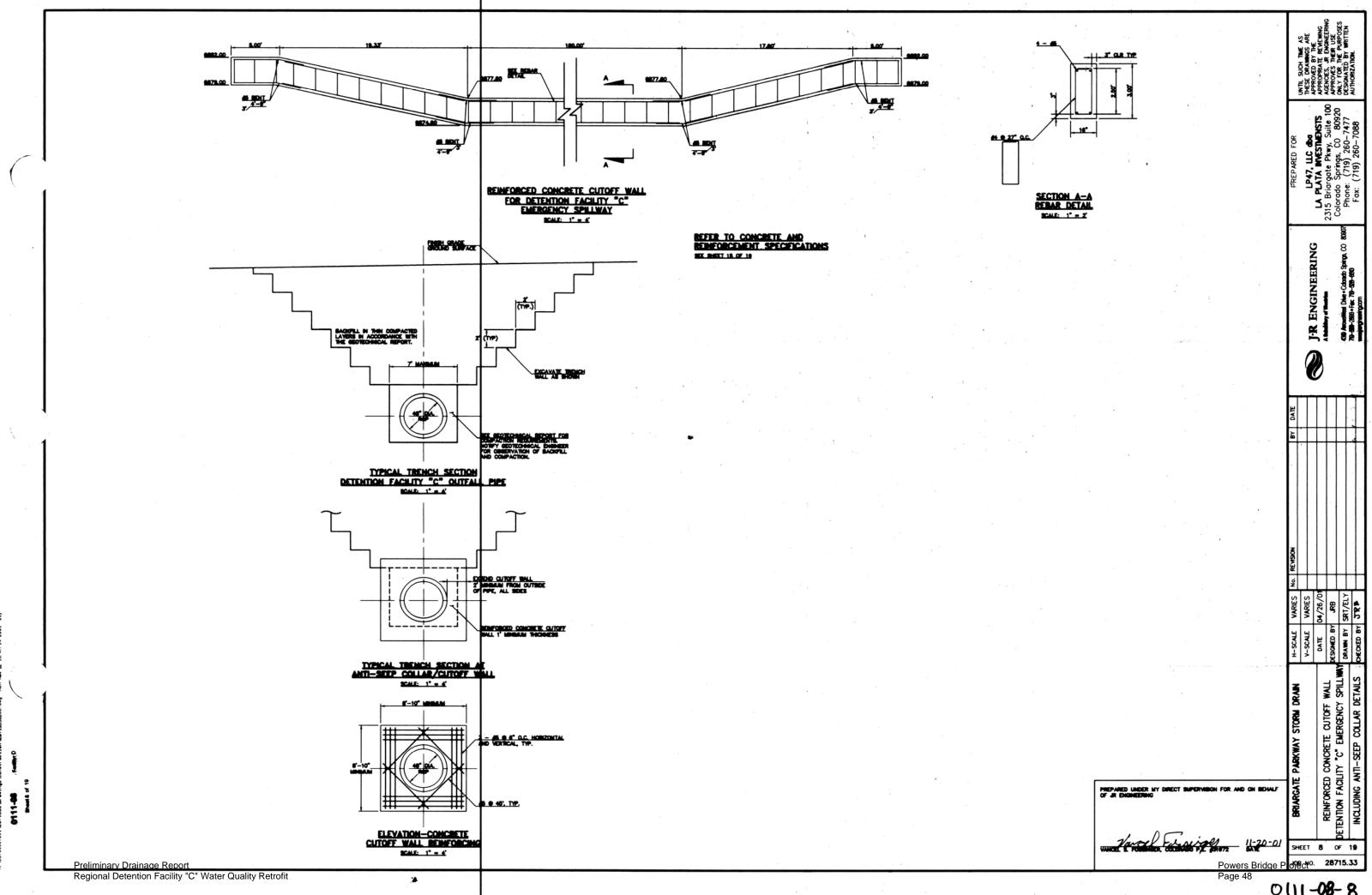




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