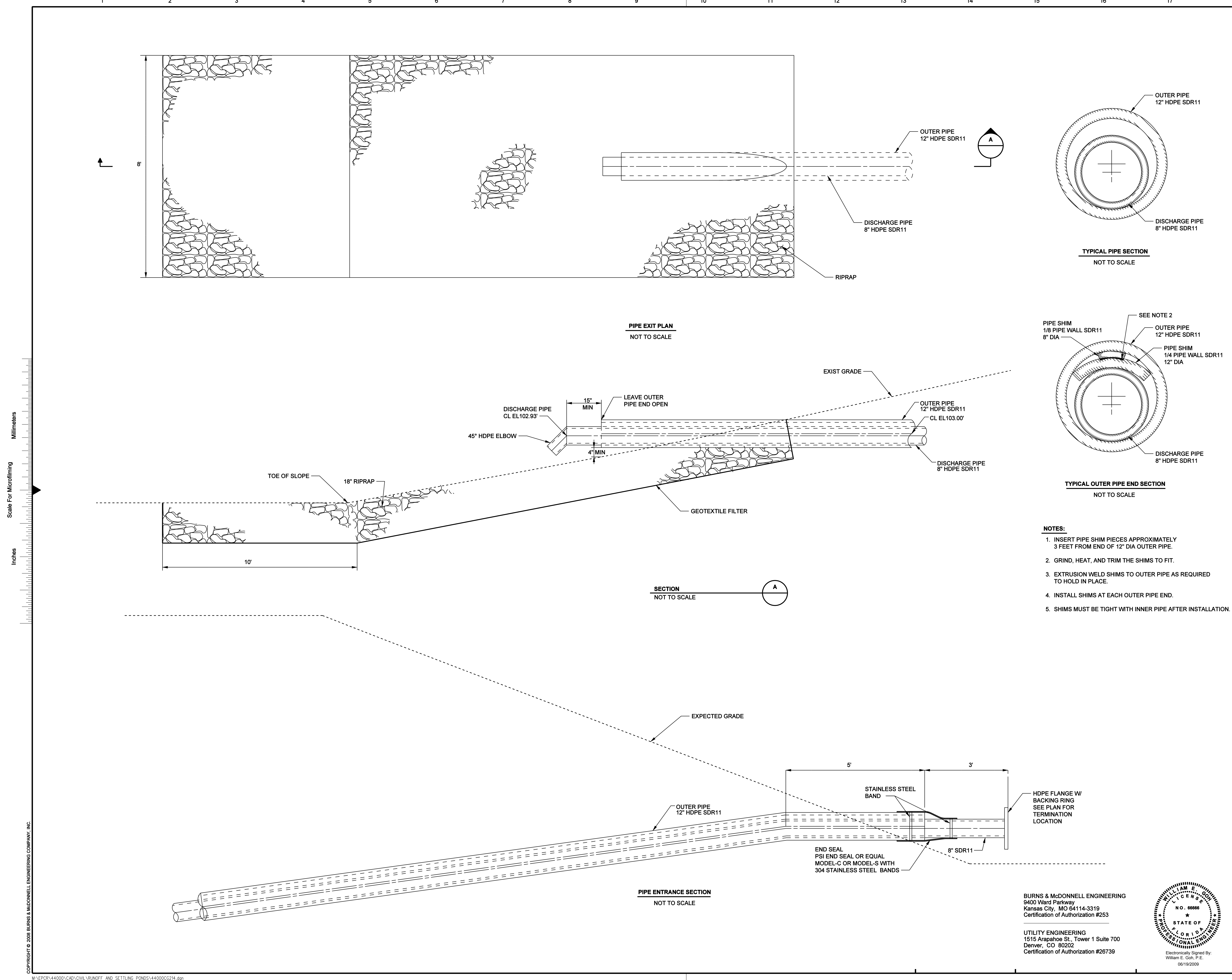




no.	date	by	ckd	description
0	6/19/09	BL	JRD	ISSUED FOR CONSTRUCTION

PIPE EXIT PLAN
NOT TO SCALE

TYPICAL PIPE SECTION
NOT TO SCALE

TYPICAL OUTER PIPE END SECTION
NOT TO SCALE

SECTION
NOT TO SCALE

PIPE ENTRANCE SECTION
NOT TO SCALE

NOTES:

1. INSERT PIPE SHIM PIECES APPROXIMATELY 3 FEET FROM END OF 12" DIA OUTER PIPE.
2. GRIND, HEAT, AND TRIM THE SHIMS TO FIT.
3. EXTRUSION WELD SHIMS TO OUTER PIPE AS REQUIRED TO HOLD IN PLACE.
4. INSTALL SHIMS AT EACH OUTER PIPE END.
5. SHIMS MUST BE TIGHT WITH INNER PIPE AFTER INSTALLATION.

EPCR
ENVIRONMENTAL PARTNERS
CRYSTAL RIVER
A Joint Venture of Zachry, Burns & McDonnell and Utility Engineering

date	APRIL 22, 2009	detailed	J. DOLL
designed	B. LIU	checked	J. DOWELL

Progress Energy
PROGRESS ENERGY FLORIDA, INC.
POWER OPERATIONS GROUP
CRYSTAL RIVER PLANT
UNITS 4 & 5 SCR/FGD

RUNOFF AND SETTLING PONDS FGD SETTLING POND DISCHARGE PIPE DETAILS			
project	44000	contract	5.8120
drawing	CG214		rev. 0
sheet	of	sheets	
file 44000CG214.dgn			

BURNS & McDONNELL ENGINEERING
9400 Ward Parkway
Kansas City, MO 64114-3319
Certification of Authorization #253

UTILITY ENGINEERING
1515 Arapahoe St., Tower 1 Suite 700
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Certification of Authorization #26739

Electronically Signed By:
William E. Goh, P.E.
06/19/2009