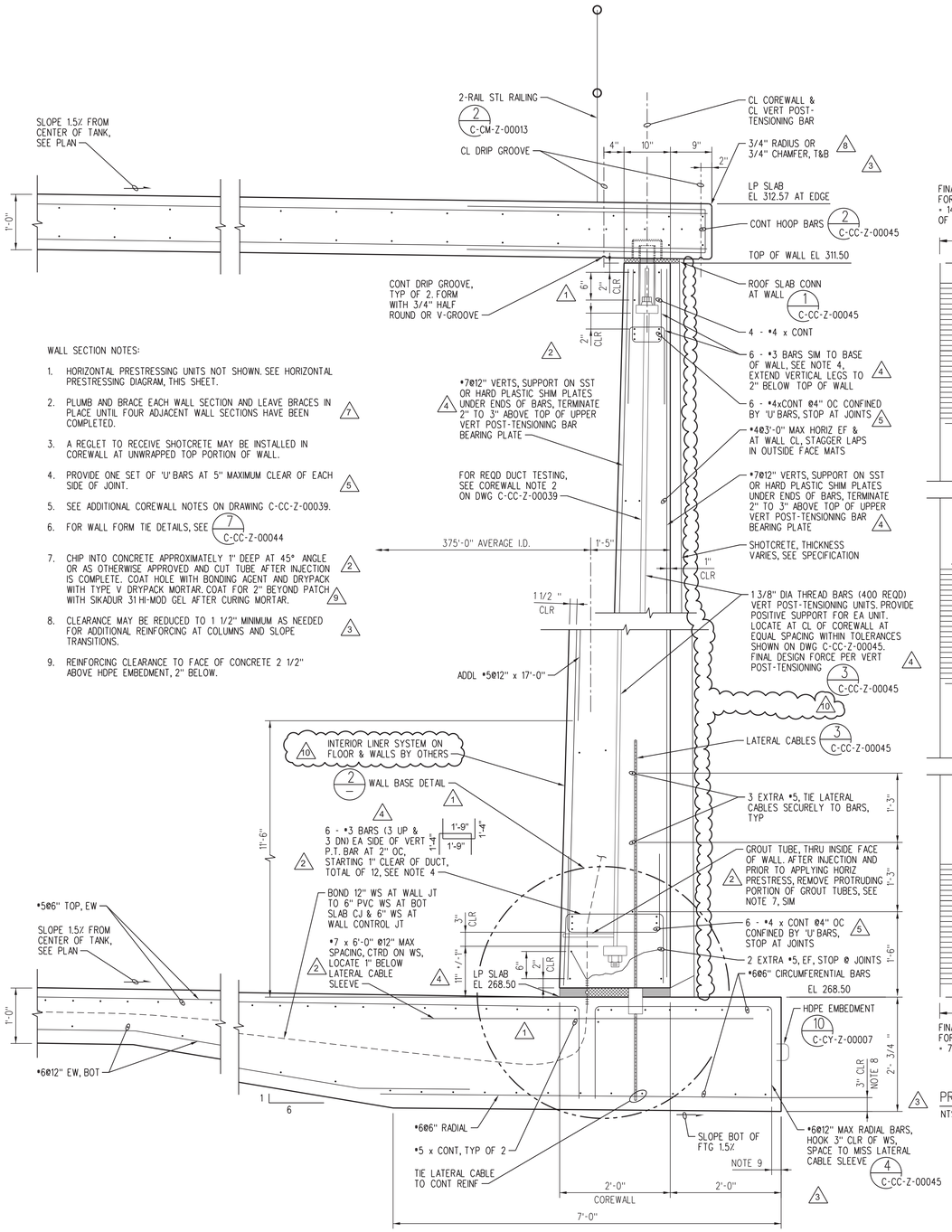
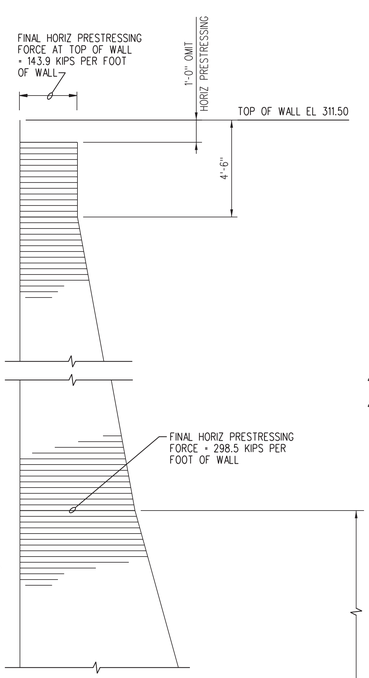
SSP DRAWING NO. N/A



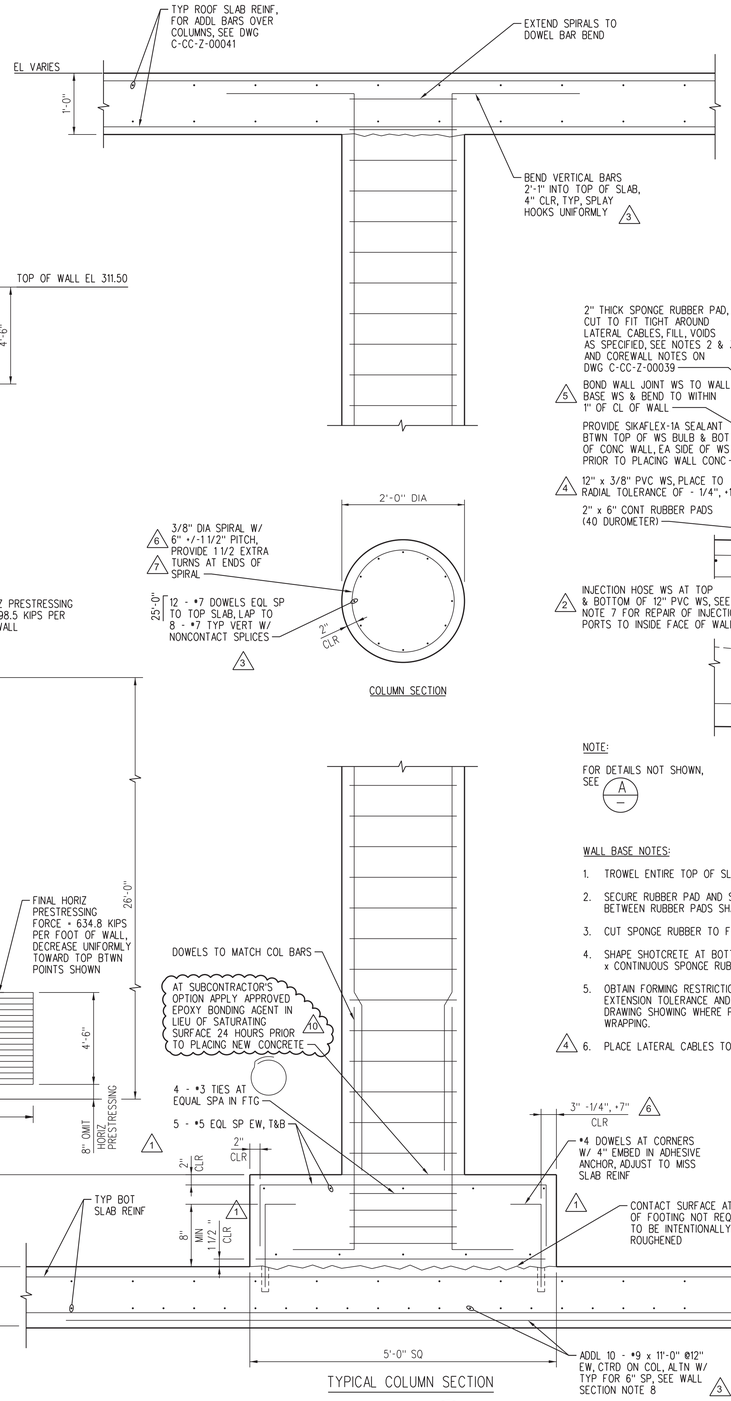
TYPICAL WALL SECTION
SCALE 1"=1'-0"

WALL SECTION NOTES:

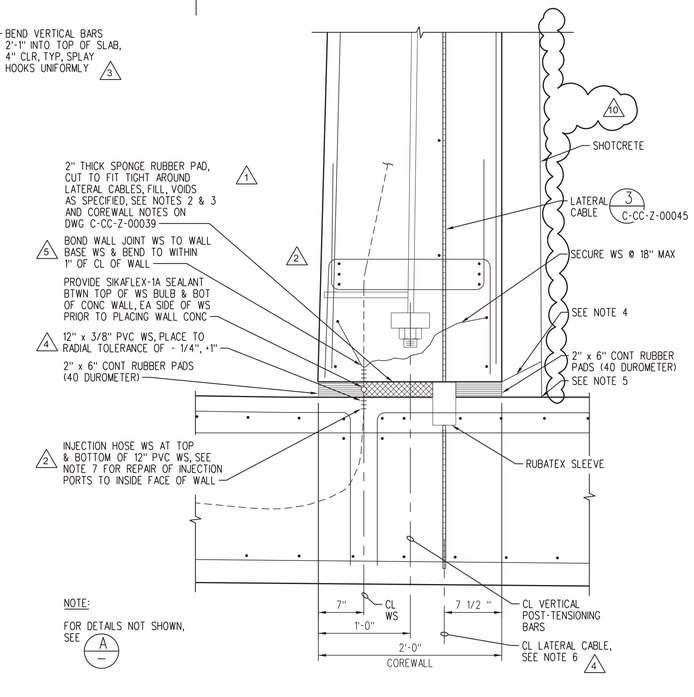
1. HORIZONTAL PRESTRESSING UNITS NOT SHOWN. SEE HORIZONTAL PRESTRESSING DIAGRAM, THIS SHEET.
2. PLUMB AND BRACE EACH WALL SECTION AND LEAVE BRACES IN PLACE UNTIL FOUR ADJACENT WALL SECTIONS HAVE BEEN COMPLETED. 7
3. A REGLET TO RECEIVE SHOTCRETE MAY BE INSTALLED IN COREWALL AT UNWRAPPED TOP PORTION OF WALL.
4. PROVIDE ONE SET OF 'U' BARS AT 5" MAXIMUM CLEAR OF EACH SIDE OF JOINT. 5
5. SEE ADDITIONAL COREWALL NOTES ON DRAWING C-CC-Z-00039.
6. FOR WALL FORM TIE DETAILS, SEE 7 C-CC-Z-00044
7. CHIP INTO CONCRETE APPROXIMATELY 1" DEEP AT 45° ANGLE OR AS OTHERWISE APPRDVED AND CUT TUBE AFTER INJECTION IS COMPLETE. COAT HOLE WITH BONDING AGENT AND DRYPACK WITH TYPE V DRYPACK MORTAR. COAT FOR 2" BEYOND PATCH WITH SIKADUR 31 HI-MOD GEL AFTER CURING MORTAR. 2 9
8. CLEARANCE MAY BE REDUCED TO 1 1/2" MINIMUM AS NEEDED FOR ADDITIONAL REINFORCING AT COLUMNS AND SLOPE TRANSITIONS. 3
9. REINFORCING CLEARANCE TO FACE OF CONCRETE 2 1/2" ABOVE HDPE EMBEDMENT, 2" BELOW.



CIRCUMFERENTIAL PRESTRESSING DIAGRAM
NTS



TYPICAL COLUMN SECTION
DETAIL 1 — SCALE 1"=1'-0"
C-CC-Z-00039 C-CC-Z-00040 C-CC-Z-00043



NOTE:
FOR DETAILS NOT SHOWN, SEE A —

WALL BASE NOTES:

1. TROWEL ENTIRE TOP OF SLAB DIRECTLY UNDER WALL BASE TO PROVIDE SMOOTH, FLAT SURFACE.
2. SECURE RUBBER PAD AND SPONGE RUBBER PADS TO SLAB WITH RUBBER ADHESIVE. ALL CREVICES BETWEEN RUBBER PADS SHALL BE CAULKED WITH SEALANT AS SPECIFIED.
3. CUT SPONGE RUBBER TO FIT TIGHTLY AROUND LATERAL CABLE SLEEVE.
4. SHAPE SHOTCRETE AT BOTTOM OF WALL TO PROVIDE FREE JOINT OR PROVIDE A MINIMUM 2" THICK x CONTINUOUS SPONGE RUBBER PAD BETWEEN THE SHOTCRETE AND THE SLAB.
5. OBTAIN FORMING RESTRICTIONS FROM PRESTRESS OR FOR TOP OF EXTERIOR WALL SLAB EXTENSION TOLERANCE AND LEVEL REQUIREMENTS AND FOR ROUNDNESS TOLERANCE. SUBMIT SHOP DRAWING SHOWING WHERE PRESTRESS EQUIPMENT WILL BE SUPPORTED ON SLAB EXTENSION DURING WRAPPING.
4 6. PLACE LATERAL CABLES TO RADIAL TOLERANCE OF +1/4", -1/2".

WALL BASE DETAIL
DETAIL 2 — SCALE 1 1/2"=1'-0"

SECTION A — SCALE AS SHOWN
C-CC-Z-00039 C-CC-Z-00040 C-CC-Z-00041 C-CC-Z-00045

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER No. 29838 Digital Signature MICHELE JANE MCHUGH

CH2M HILL INC. NO. C00201 SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION

C CC Z 00042 — LATEST REVISION 10

PROJ.	REV. NO.	REVISION	INITIAL AND DATE PRP'D	LEAD ENG	CHK'D/VERIF'D	APRV'D	APRV'D	APRV'D
SDU6	10	ISSUED FOR CONSTRUCTION INCORPORATING DCF NO. M-DCF-Z-00493 AND SDDR NO. 13065	ILT 01-10-17	MM 01-10-17	SR 01-10-17	KW 01-10-17	for 1/18/17	for 1/18/17

PROJ.	REV. NO.	REVISION	INITIAL AND DATE PRP'D	LEAD ENG	CHK'D/VERIF'D	APRV'D	APRV'D	APRV'D
SDU6	0	ISSUED FOR CONSTRUCTION	ILT 11-06-12	MM 11-07-12	SR 11-07-12	SF 11-07-12	SM 11-09-12	TH 11-09-12
SDU6	1	ISSUED FOR CONSTRUCTION	ILT 08-21-13	MM 08-21-13	SR 08-22-13	KW 08-23-13	SM 11-07-13	AT 11-07-13
SDU6	2	ISSUED FOR CONSTRUCTION INCORPORATING SDDRS NO. 12699, 12717, AND 12755	ILT 05-22-14	MM 05-22-14	SR 05-22-14	KW 05-22-14	SM 05-27-14	CFF 05-27-14
SDU6	3	ISSUED FOR CONSTRUCTION INCORPORATING SDDRS NO. 12763 AND 12773 AND REMOVAL OF ROOF EMBED	ILT 06-05-14	MM 06-05-14	SR 06-05-14	KW 06-05-14	SM 06-06-14	MEM 06-06-14
SDU6	4	ISSUED FOR CONSTRUCTION INCORPORATING SDDRS NO. 12806, 12823, AND 12824, AND TERMINATION OF WALL VERTS	ILT 07-09-14	MM 07-09-14	SR 07-09-14	KW 07-09-14	SM 07-10-14	CF 07-10-14
SDU6	5	ISSUED FOR CONSTRUCTION INCORPORATING SDDRS NO. 12856 AND 12860	ILT 07-28-14	MM 07-28-14	SR 07-28-14	KG 07-28-14	SM 07-29-14	CF 07-29-14
SDU6	6	ISSUED FOR CONSTRUCTION INCORPORATING FOOTING DOWEL MODIFICATIONS	ILT 08-14-14	MM 08-14-14	SR 08-14-14	KW 08-14-14	SM 08-14-14	CF 08-14-14
SDU6	7	ISSUED FOR CONSTRUCTION INCORPORATING SDDRS NO. 12834 AND 12888	ILT 08-18-14	MM 08-18-14	SR 08-18-14	KW 08-18-14	SM 08-20-14	CF 08-20-14
SDU6	8	ISSUED FOR CONSTRUCTION INCORPORATING SDDR NO. 13130	ILT 03-09-15	MM 03-09-15	SR 03-09-15	KW 03-09-15	SM 03-09-15	AT 03-09-15
SDU6	9	ISSUED FOR CONSTRUCTION INCORPORATING SDDR NO. 13207	ILT 05-19-15	MM 05-19-15	SR 05-19-15	KW 05-19-15	SM 05-20-15	CFF 05-20-15

THIS DRAWING HAS BEEN FURNISHED BY THE SAVANNAH RIVER SITE. THE INFORMATION AND KNOW HOW THEREON MAY NOT BE USED NOR THE DRAWING REPRODUCED WITHOUT WRITTEN PERMISSION OF THE PRIME CONTRACTOR. ALL REPRODUCTIONS IN WHOLE OR IN PART, INCLUDING VENDOR'S SHOP DRAWINGS, SHALL BEAR OR REFER TO THIS STAMP.

REFERENCE DRAWINGS

C-CY-Z-00007	LEAKAGE DETECTION AND SETTLEMENT MONITORING SECTIONS AND DETAILS
C-CM-Z-00013	LADDER, STAIR AND HANDRAIL DETAILS
C-CC-Z-00039	FOUNDATION PLAN
C-CC-Z-00040	OVERALL ROOF PLAN
C-CC-Z-00041	PARTIAL ROOF PLAN
C-CC-Z-00043	TYPICAL ROOF SECTIONS
C-CC-Z-00045	CONCRETE DETAILS
C-CC-Z-00044	CONCRETE SECTIONS AND DETAILS

REFERENCE STANDARDS

UNITED STATES DEPARTMENT OF ENERGY
SAVANNAH RIVER SITE

BLDG NO.	SITE CLEARANCE NO.	DESIGN AREA NO.	DESIGN GROUP
451-6Z	SC-6789	Z451	DS SDU TANK 6

TITLE
Z AREA
SALTSTONE DISPOSAL SITE
SDU6
TANK DESIGN
CONCRETE
WALL AND COLUMN SECTION AND DETAILS

SCALE	SRP DRAWING NO.	SHEET NO.	LATEST REVISION
AS SHOWN	N/A	1 OF 1	10

Scale shown on this drawing is only applicable when plotted at 30"x42" (actual drawing size)

W.S.: • ( ) . — REF FILES: YES NO
LEVELS: 1111111111222222222233333333344444444455555555556666 / 1234567890123456789012345678901234567890123456789012345678901234567890123
PSC= 1 — PLOT DATE: 11-07-12 — DRAWN BY (ORIG): IRINA L-T — TIME — DATE: — LAST CADD REV. BY:

[ps 3 rev. 08/15/07]