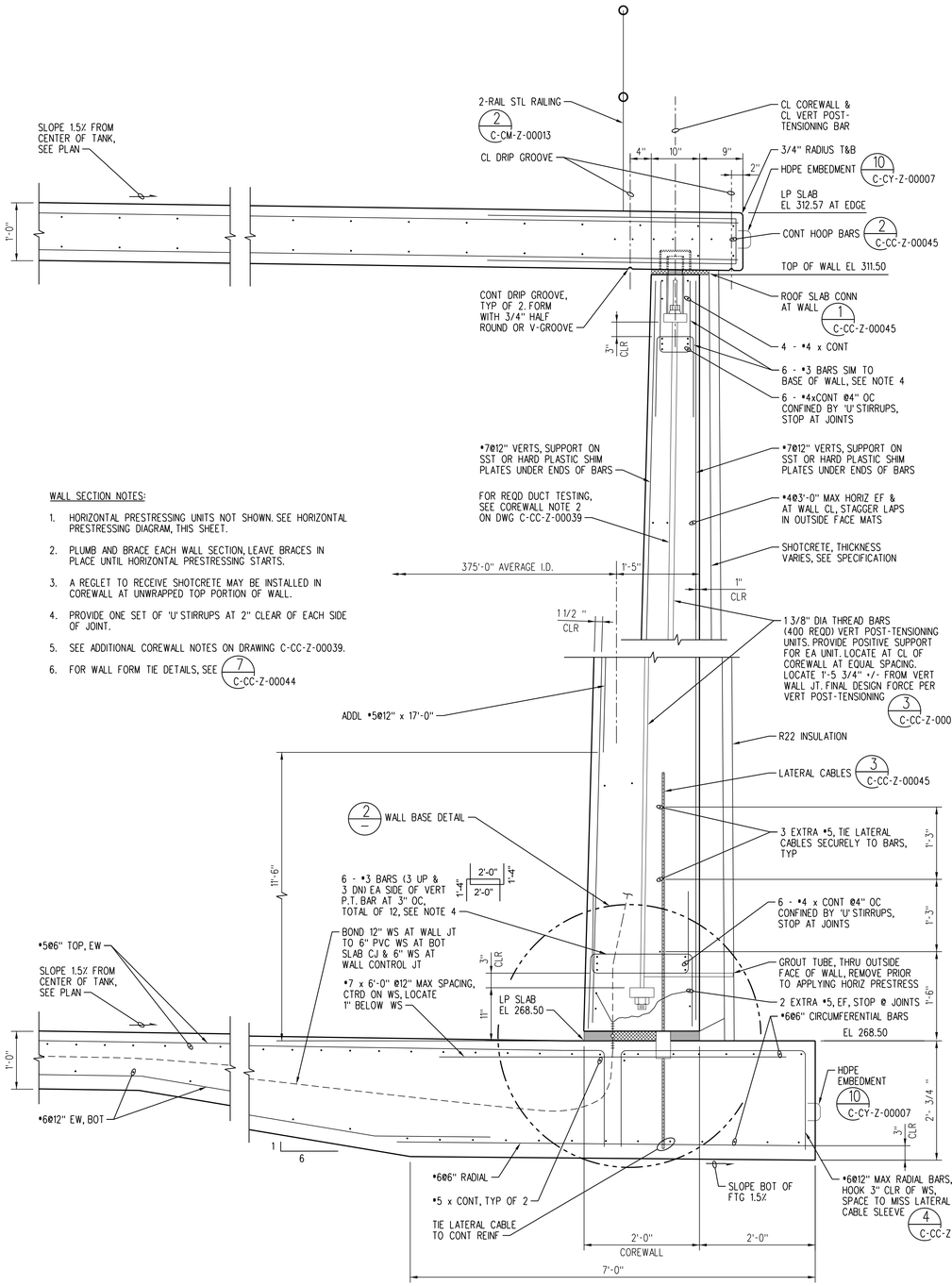
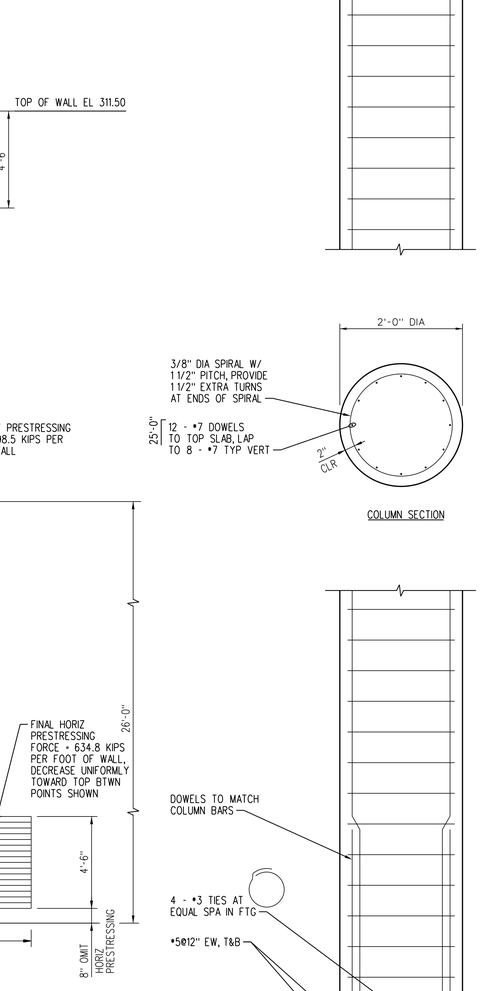
SSP DRAWING NO. N/A



WALL SECTION NOTES:

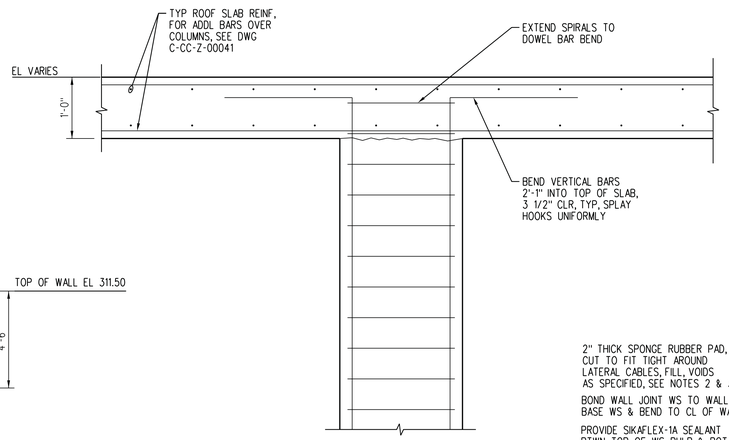
1. HORIZONTAL PRESTRESSING UNITS NOT SHOWN. SEE HORIZONTAL PRESTRESSING DIAGRAM, THIS SHEET.
2. PLUMB AND BRACE EACH WALL SECTION, LEAVE BRACES IN PLACE UNTIL HORIZONTAL PRESTRESSING STARTS.
3. A REGLET TO RECEIVE SHOTCRETE MAY BE INSTALLED IN COREWALL AT UNWRAPPED TOP PORTION OF WALL.
4. PROVIDE ONE SET OF 'U' STIRRUPS AT 2" CLEAR OF EACH SIDE OF JOINT.
5. SEE ADDITIONAL COREWALL NOTES ON DRAWING C-CC-Z-00039.
6. FOR WALL FORM TIE DETAILS, SEE 7 C-CC-Z-00044

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

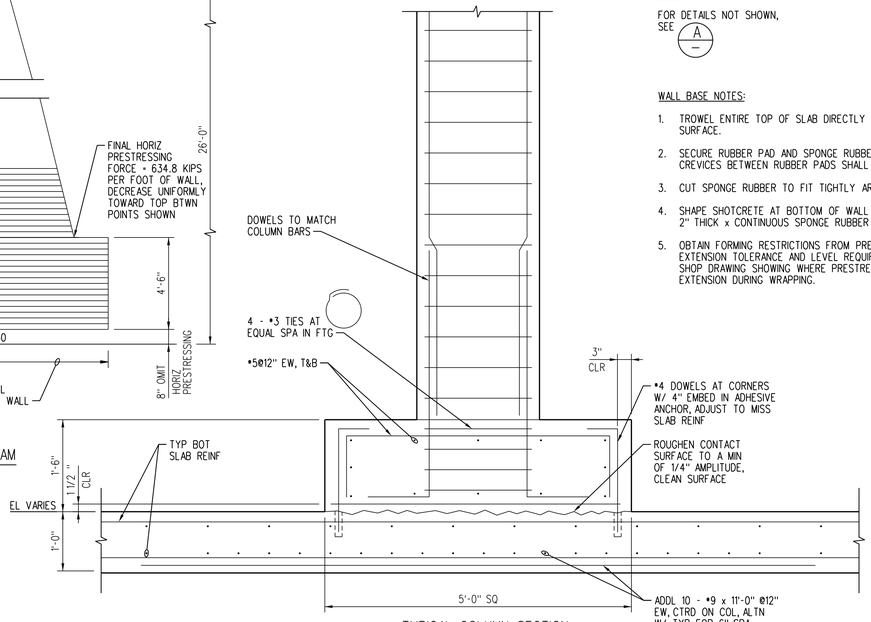


CIRCUMFERENTIAL PRESTRESSING DIAGRAM
NTS

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

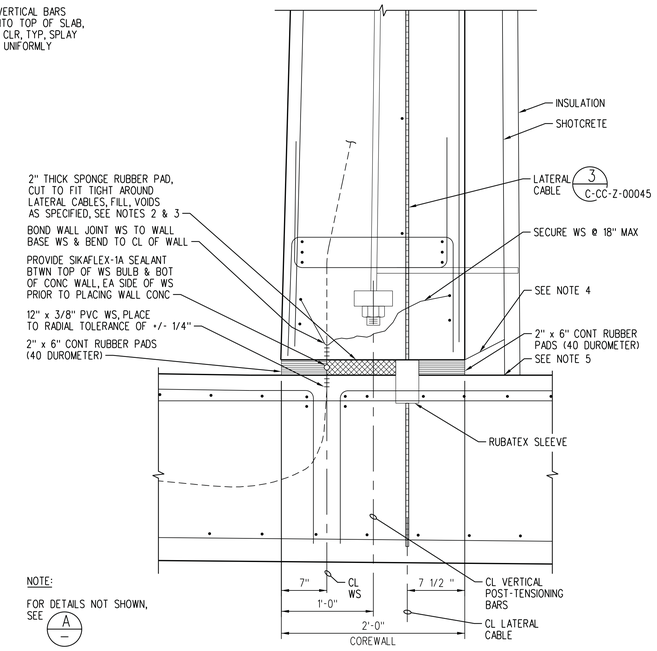


COLUMN SECTION



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 PRESTRESSOR 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.

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

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

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

C CC Z 00042 LATEST REVISION 0

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		

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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-00046	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	SSP DRAWING NO.	SHEET NO.	LATEST REVISION
AS SHOWN	N/A	1 OF 1	0

W.S.# ( ) - REF FILES YES NO
LEVELS 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3
PSC- 1 PLOT DATE 11-07-12 TIME
DRAWN BY (ORIG): IRINA L-T LAST CADD REV. BY: DATE:
Scale shown on this drawing is only applicable when plotted at 30"x42" (actual drawing size)

Type S rev. 09/15/07