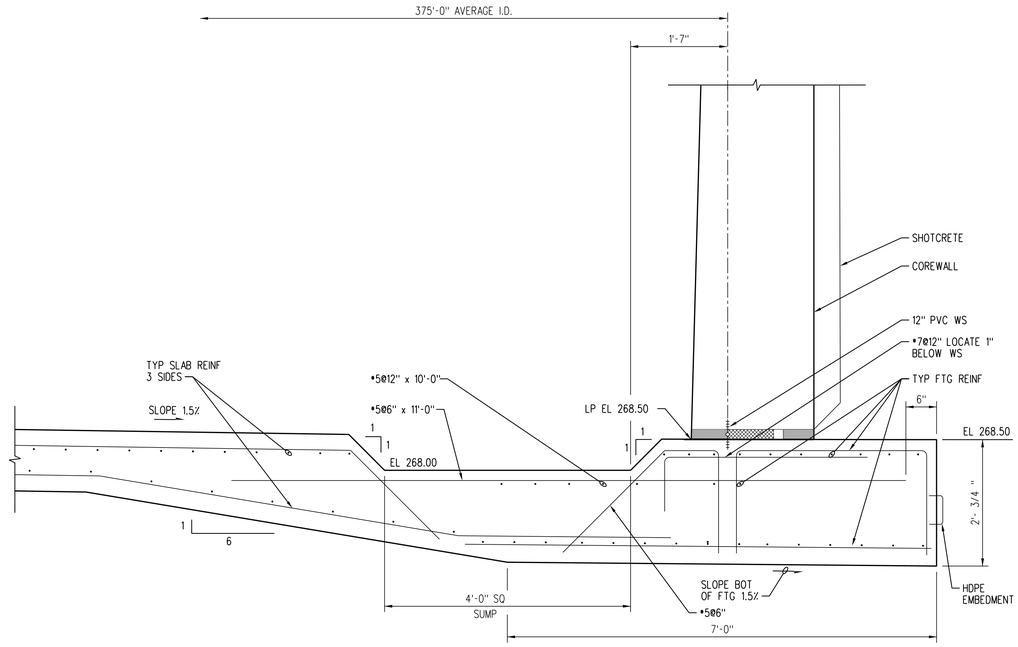
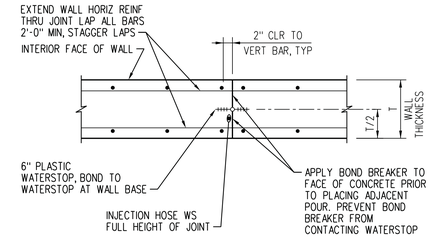
SHP DRAWING NO.

N/A



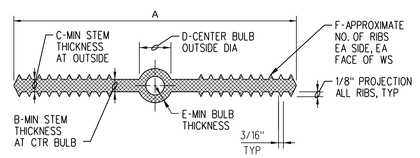
SECTION A
SCALE 1"•1'-0"
C-CC-Z-00039



PLAN

VERTICAL WALL CONTROL JOINT

DETAIL 3
SCALE NTS
C-CC-Z-00045

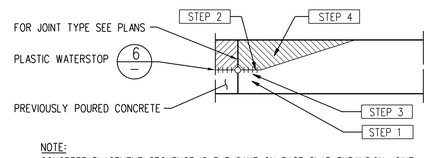


SIZE	A	B	C	D	E	F
6"x3/8"	6"	3/8"	3/8"	7/8"	1/4"	6
12"x3/8"	12"	3/8"	3/8"	2"	3/8"	8

NOTES:
1. MATERIAL QUALITY PER SPECIFICATIONS.
2. DIM REQUIREMENTS INDICATED SHOULD BE GIVEN TO SUPPLIERS PRIOR TO PLACING ORDERS.
3. NON-ROUND CENTER BULBS SHALL HAVE A MIN OUTSIDE DIM OF 'D'.

PLASTIC WATERSTOP

DETAIL 6
SCALE NTS
C-CC-Z-00045



NOTE:
CONCRETE PLACEMENT SEQUENCE IS THE SAME ON BASE SLAB EXPANSION JOINT.

STEP 1
PLACE CONCRETE BELOW WATERSTOP FIRST, REMOVE ALL AIR VOIDS BY VIBRATING THOROUGHLY.

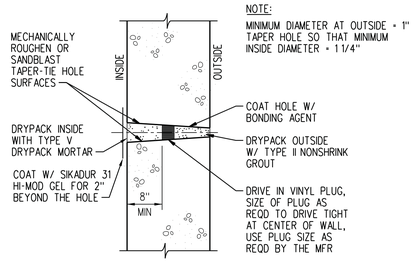
STEP 2
TO CONFIRM THERE ARE NO AIR VOIDS, LIFT WATERSTOP. A CONTINUOUS IMPRESSION OF THE WATERSTOP, INCLUDING EDGE OF BULB, SHOULD BE VISIBLE IN THE FRESH CONCRETE. CONTINUE THIS PROCEDURE ALONG THE ENTIRE POURED JOINT, END TO END. IF A CONTINUOUS IMPRESSION IS CONFIRMED, PROCEED WITH STEP 4. IF A VOID LARGER THAN 1/4 INCH IN DIAMETER IS PRESENT ANYWHERE IN THE WATERSTOP IMPRESSION, PROCEED WITH STEP 3.

STEP 3
IF A VOID LARGER THAN 1/4 INCH IN DIAMETER IS PRESENT IN THE WATERSTOP IMPRESSION, ADDITIONAL CONCRETE SHALL BE PLACED UNDER THE WATERSTOP, VIBRATED, AND STEP 2 REPEATED.

STEP 4
FINISH PLACING CONCRETE ABOVE THE WATERSTOP TO TOP OF SLAB.

CONCRETE PLACEMENT SEQUENCE AT JOINTS

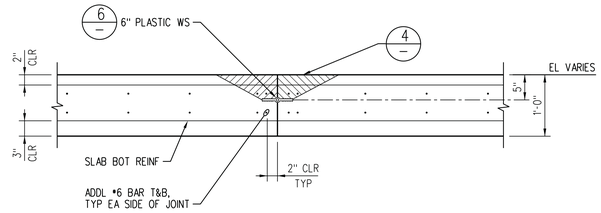
DETAIL 4
SCALE NTS
C-CC-Z-00039



CONSTRUCTION STEPS:
1. SANDBLAST OR MECHANICALLY ROUGHEN WITH ELECTRIC EQUIPMENT.
2. DRIVE IN VINYL PLUG.
3. COAT INSIDE AND WHILE BONDING AGENT IS TACKY, DRYPACK INSIDE WITH TYPE V DRYPACK MORTAR PER SPECIFICATION 03300, CAST-IN-PLACE CONRETE.
4. COAT OUTSIDE AND WHILE BONDING AGENT IS TACKY, DRYPACK OUTSIDE WITH NONSHRINK GROUT PER SPECIFICATION 03600, NONSHRINK GROUTING.

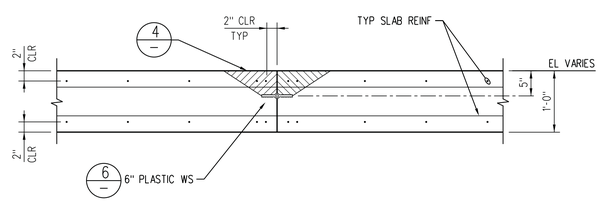
FORM TIE-THROUGH BOLT

DETAIL 7
SCALE NTS
C-CC-Z-00042



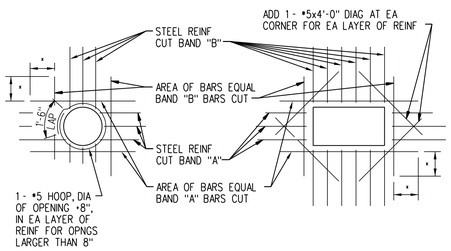
BASE SLAB CONSTRUCTION JOINT

DETAIL 1
SCALE 1"•1'-0"
C-CC-Z-00039
C-CC-Z-00045



ROOF SLAB CONSTRUCTION JOINT

DETAIL 2
SCALE 1"•1'-0"
C-CC-Z-00040
C-CC-Z-00041
C-CC-Z-00043



NOTES:
1. TYPICAL FOR ALL OPENINGS IN CONCRETE WALLS AND SLABS UNLESS INDICATED OTHERWISE ON PLANS.
2. DO NOT WELD REINFORCEMENT TO PIPE SLEEVES, INSERTS, OR EMBEDMENTS.
3. (•) PROVIDE MINIMUM LAP AS NOTED OR SHOWN ON PLANS.

OPENING REINFORCING

DETAIL 5
SCALE NTS
C-CC-Z-00041
C-CC-Z-00046

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

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

C CC Z 00044 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	[signature] 11/7/12	TH 11-7-12

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REFERENCE DRAWINGS

C-CC-Z-00039	FOUNDATION PLAN
C-CC-Z-00040	OVERALL ROOF PLAN
C-CC-Z-00041	PARTIAL ROOF PLAN
C-CC-Z-00042	WALL AND COLUMN SECTION AND DETAILS
C-CC-Z-00043	TYPICAL ROOF SECTIONS
C-CC-Z-00045	CONCRETE DETAILS
C-CC-Z-00046	CONCRETE 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 SECTIONS AND DETAILS

SCALE	SRP DRAWING NO.	SHEET NO.	LATEST REVISION
AS SHOWN	N/A	1 OF 1	0

W.S.• ( ) . REF FILES YES NO

LEVELS 1234567890123456789012345678901234567890123456789012345678901234567890123

PSC• 1 DRAWN BY (ORIG): IRINA L-T LAST CADD REV. BY:

PLOT DATE 11-07-12 TIME DATE:

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

Type S rev. 09/15/07