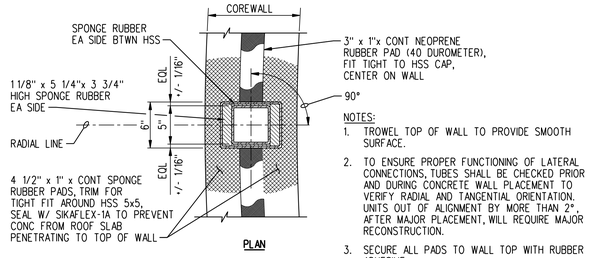
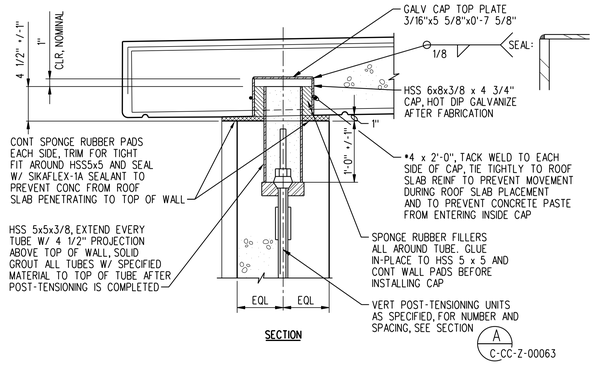
SRP DRAWING NO.
N/A



PLAN

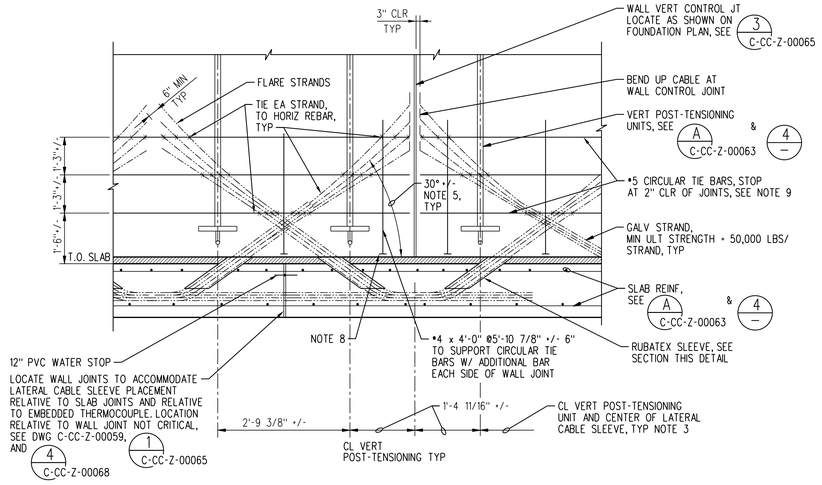
NOTES:
1. TROWEL TOP OF WALL TO PROVIDE SMOOTH SURFACE.
2. TO ENSURE PROPER FUNCTIONING OF LATERAL CONNECTIONS, TUBES SHALL BE CHECKED PRIOR AND DURING CONCRETE WALL PLACEMENT TO VERIFY RADIAL AND TANGENTIAL ORIENTATION. UNITS OUT OF ALIGNMENT BY MORE THAN 2°, AFTER MAJOR PLACEMENT, WILL REQUIRE MAJOR RECONSTRUCTION.
3. SECURE ALL PADS TO WALL TOP WITH RUBBER ADHESIVE.
4. VERTICALLY POST-TENSION WALLS PRIOR TO POURING ROOF SLABS.

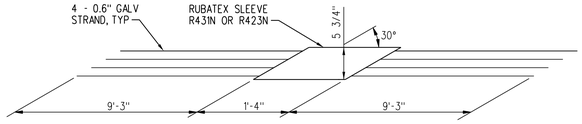


SECTION

ROOF SLAB SEISMIC CONNECTION

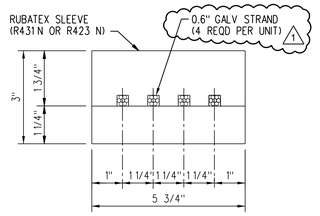
DETAIL 1 — NTS — C-CC-Z-00062, C-CC-Z-00063, C-CC-Z-00067





PLAN

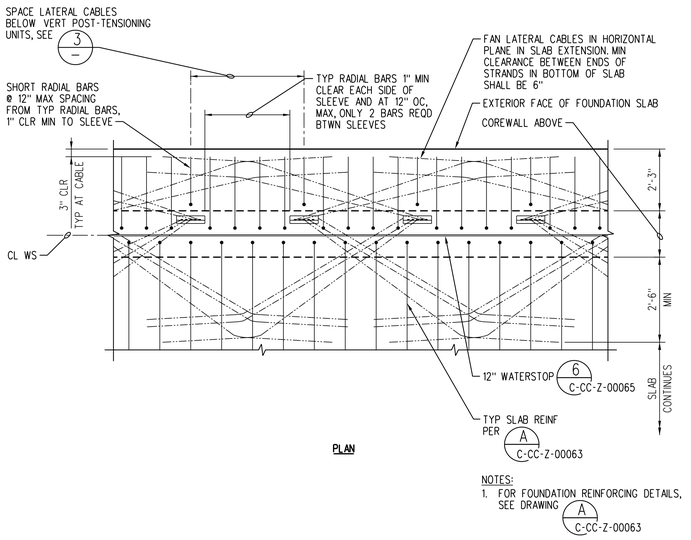
NOTES:
1. FORM RUBATEX SLEEVE OF TWO PIECES OF RUBATEX. FORM GROOVES IN RUBATEX BY ROUTING OUT SOCKETS SMALL ENOUGH FOR TIGHT FIT. INSERT CABLES AND GLUE PIECES TOGETHER. SLEEVE SHALL FORM A TIGHT FIT AROUND CABLES TO PREVENT MORTAR INTRUSION.
2. BOND 12" PVC WATERSTOP IN SLAB CJ TO 12"x3/8" PVC WATERSTOP AT WALLS AS SPECIFIED, SEE DRAWINGS A C-CC-Z-00063 AND 6 C-CC-Z-00065
3. DIMENSIONS FOR EQUALLY SPACING UNITS SHOWN AT CENTERLINE OF WALL AT WALL BASE. CIRCUMFERENTIAL TOLERANCE ON LATERAL CABLE LOCATION IS +/- 1" AND ON VERTICAL POST-TENSIONING UNITS IS +/- 1 1/2". RADIAL TOLERANCE ON VERTICAL POST-TENSIONING UNITS IS +/-1/4".
4. AT CONTRACTORS OPTION, FURNISH AND INSTALL LATERAL CABLE SLEEVES LONGER AND HIGHER THAN TOP OF BASE PAD AND THEN FIELD TRIM BACK LEVEL WITH TOP OF PAD.
5. MAINTAIN AVERAGE 30° ANGLE FOR LENGTH OF STRANDS.
6. FOUR STRANDS SHOWN IN ELEVATION AS AN EXAMPLE. SEE SECTION BELOW FOR ACTUAL NUMBER. PROVIDE THREE HORIZONTAL TIE BARS FOR STRANDS EXTENDING MORE THAN 7'-0" BEYOND SLEEVE.
7. MARK SIDE OF FOOTING OUTSIDE WALL AT POST-TENSIONING UNITS FOR FUTURE LOCATION, SEE DRAWING C-CC-Z-00059.
8. SUPPORT ON STAINLESS STEEL OR HARD PLASTIC SHIM PLATES UNDER END OF BARS.
9. ADDITIONAL TIE BARS MAY BE ADDED AT SUBCONTRACTOR'S OPTION TO SUPPORT LATERAL CABLES BENT UP CONTROL JOINTS.



SECTION

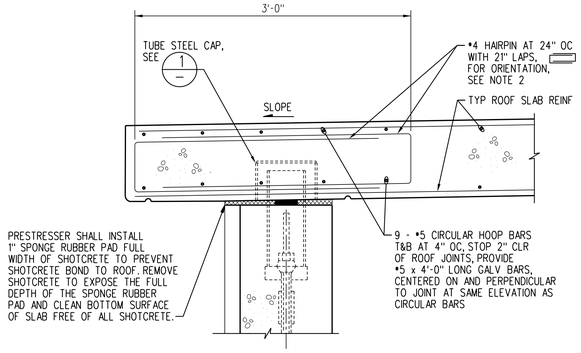
LATERAL CABLE SLEEVE (425 REQUIRED)

DETAIL 3 — NTS — C-CC-Z-00063



PLAN

NOTES:
1. FOR FOUNDATION REINFORCING DETAILS, SEE DRAWING A C-CC-Z-00063



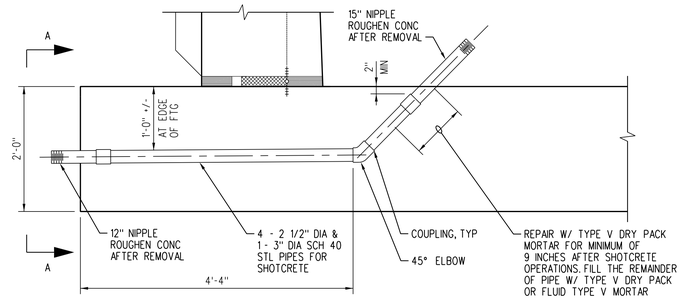
NOTES:
1. FOR TYPICAL SLAB REINF, SEE DRAWING C-CC-Z-00064.
2. * ORIENT PARALLEL TO TYP REINF AT JOINTS AND CHANGE ORIENTATION AT SLAB 1/4 POINTS.

SLAB EDGE DETAIL

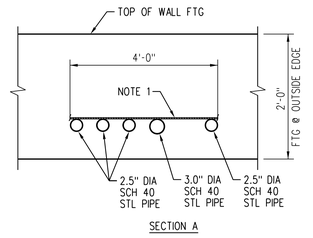
DETAIL 2 — SCALE 1 1/2"=1'-0" — C-CC-Z-00062, C-CC-Z-00063, C-CC-Z-00064

LATERAL CABLES IN WALL FOOTING

DETAIL 4 — NTS — C-CC-Z-00063



RADIAL SECTION



SECTION A

NOTES:
1. TIE ENTRY PIPES TO FOOTING REINFORCING STEEL TO PREVENT MOVEMENT DURING CONCRETE POUR.
2. UPON COMPLETION OF THE SHOTCRETE OPERATION, REMOVE THE PIPE NIPPLES BACK TO THE CLOSEST COUPLER.
3. PLACE AND CURE REPAIR MORTAR IN ACCORDANCE WITH SPECIFICATIONS.
4. AFTER TYPE V DRYPACK MORTAR HAS BEEN CURED, COAT OVER THE PATCH WITH SIKADUR 31 HI-MOD GEL (OR EQUAL) FOR 2" BEYOND THE PATCH.

DETAIL 5 — NTS — C-CC-Z-00059

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

CH2M HILL INC. NO. C00201 CERTIFICATE OF AUTHORIZATION

C CC Z 00066 — LATEST REVISION 1

PROJ.	REV. NO.	REVISION	INITIAL AND DATE PRP'D	LEAD ENG	CHK'D/VERIF'D	APRV'D	APRV'D	APRV'D
SDU7	0	ISSUED FOR CONSTRUCTION		APPROVALS MAINTAINED IN DCR / EDWS				
SDU7	1	ISSUED FOR CONSTRUCTION INCORPORATING STRAND NUMBER		APPROVALS MAINTAINED IN DCR / EDWS				

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UNITED STATES DEPARTMENT OF ENERGY
SAVANNAH RIVER SITE

REFERENCE DRAWINGS

C-CC-Z-00059	FOUNDATION PLAN
C-CC-Z-00062	PARTIAL ROOF PLAN
C-CC-Z-00063	WALL AND COLUMN SECTION AND DETAILS
C-CC-Z-00064	TYPICAL ROOF SECTIONS
C-CC-Z-00065	CONCRETE SECTIONS AND DETAILS
C-CC-Z-00067	CONCRETE DETAILS
C-CC-Z-00068	CONCRETE DETAILS

REFERENCE STANDARDS

BLDG NO.	SITE CLEARANCE NO.	DESIGN AREA NO.	DESIGN GROUP
451-7Z	TBD	Z451	DS SDU TANK 7

TITLE
Z AREA
SALTSTONE DISPOSAL SITE
SDU7
TANK DESIGN
CONCRETE
DETAILS

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

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

W.S.* ( ) . REF FILES YES NO
LEVELS 1111111111222222222333333333444444444555555555566666 1234567890123456789012345678901234567890123456789012345678901 23
PSC- 1 PLOT DATE 12-11-17 TIME
DRAWN BY (ORIG): IRINA L-T LAST CADD REV. BY: DATE:

Type 5 rev. 09/15/07