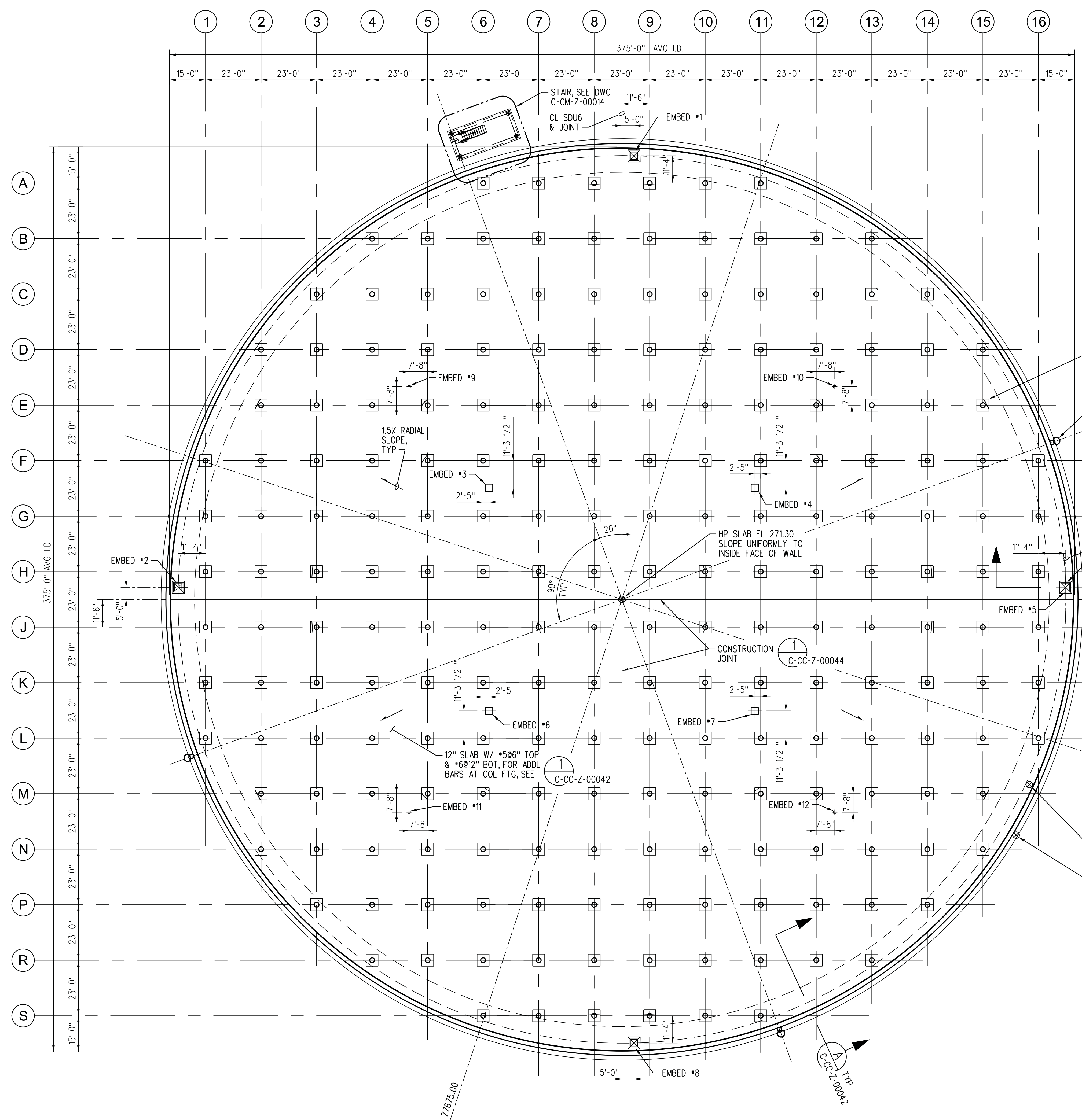
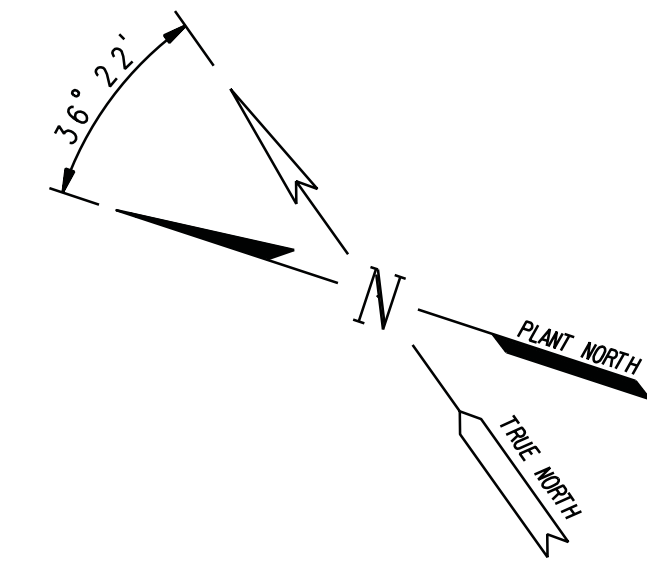
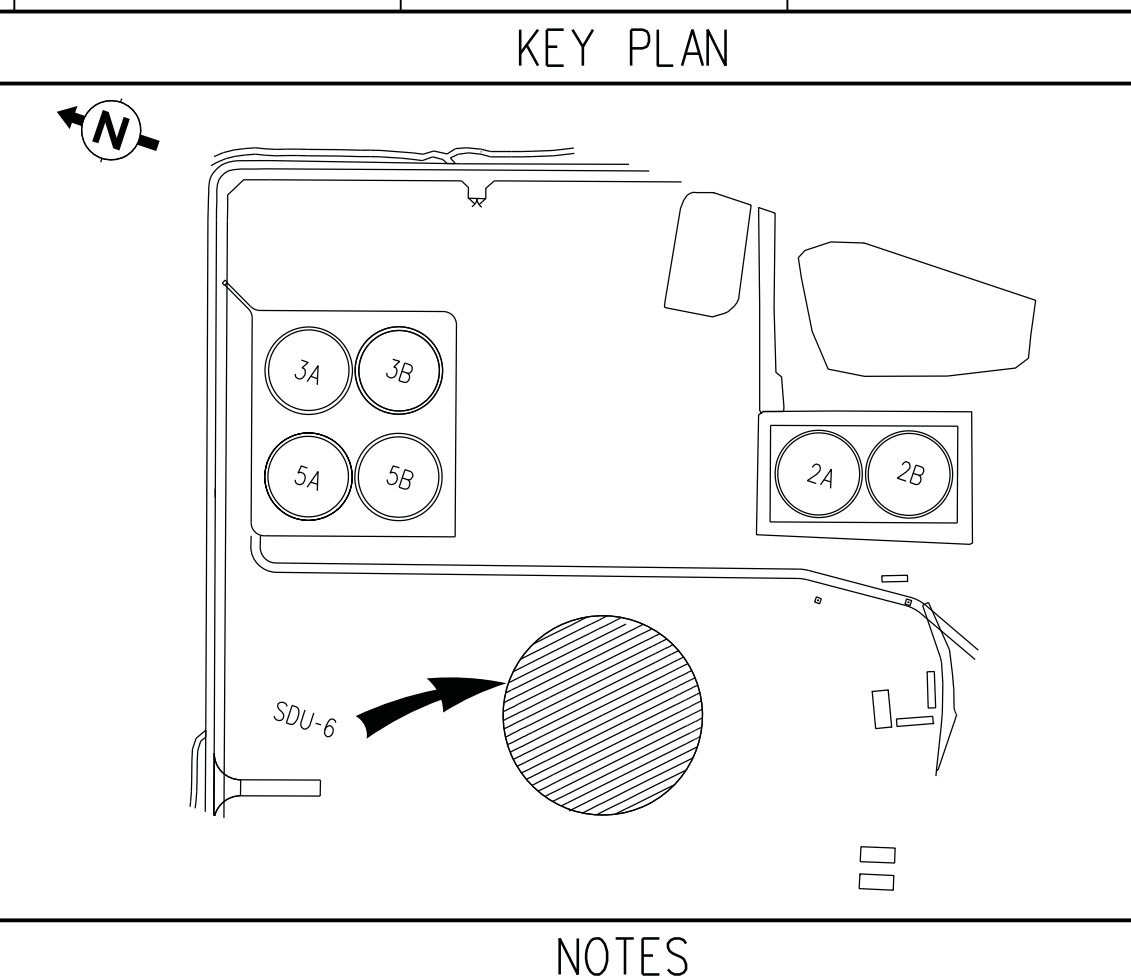


N/A  
ON 2/10/19 485



EMBED #	DESCRIPTION	DETAIL	REMARKS
1	PL 1" x 42" x 3'-6"	2/C-CC-Z-00046	RECESSED IN SUMP
2	PL 1" x 42" x 3'-6"	2/C-CC-Z-00046	RECESSED IN SUMP
3	PL 1" x 42" x 3'-6"	2/C-CC-Z-00046	
4	PL 1" x 42" x 3'-6"	2/C-CC-Z-00046	RECESSED IN SUMP
5	PL 1" x 42" x 3'-6"	2/C-CC-Z-00046	
6	PL 1" x 42" x 3'-6"	2/C-CC-Z-00046	
7	PL 1" x 42" x 3'-6"	2/C-CC-Z-00046	
8	PL 1" x 42" x 3'-6"	2/C-CC-Z-00046	RECESSED IN SUMP
9	PL 1/2" x 12" x 1'-0"	6/C-CC-Z-00046	THERMO-COUPLER
10	PL 1/2" x 12" x 1'-0"	6/C-CC-Z-00046	THERMO-COUPLER
11	PL 1/2" x 12" x 1'-0"	6/C-CC-Z-00046	THERMO-COUPLER
12	PL 1/2" x 12" x 1'-0"	6/C-CC-Z-00046	THERMO-COUPLER



NOTES

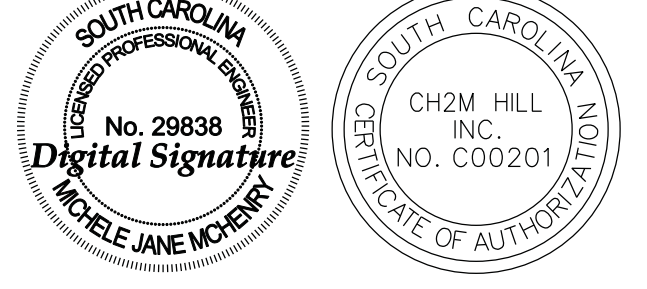
- GENERAL NOTES:
- FOR GENERAL STRUCTURAL NOTES SEE DRAWING C-C2-Z-00005.
- BOTTOM SLAB:
- PREPARE CONCRETE MUD MATS, GEOSYNTHETIC CLAY LINER, HDPE LINER, AND OTHER SUBGRADE MATERIALS AND CONSTRUCT LEAKAGE DETECTION SYSTEM AS REQUIRED BY SPECIFICATION, AND AS SHOWN ON DRAWINGS C-CY-Z-00005 THRU C-CY-Z-00007.
  - BOTTOM SLAB SHALL BEAR ON POLY SHEETING LAD OVER THE UPPER MUDMAT OF LEAKAGE DETECTION SYSTEM.
  - MINIMUM COMPACTION OF BACKFILL AROUND TANK BASE SHALL BE AS SPECIFIED. USE ONLY HAND HELD EQUIPMENT WITHIN 5'-0" OF THE WALL.
  - LOCATE CENTERLINE OF WATERSTOP AND LATERAL CABLES AT WALL BASE JOINT WITHIN +/- 1/4 INCH OF LOCATION SHOWN ON DRAWING C-C-Z-00042.
  - CAST BASE SLAB IN 4 SEPARATE POURS AND WITH 7 DAYS MINIMUM TIME BETWEEN POURS, UNLESS OTHERWISE APPROVED BY STR.
  - FOR CONCRETE PLACEMENT SEQUENCE AT WATERSTOP AND CONSTRUCTION JOINTS, SEE DETAIL (4) C-CC-Z-00044.
  - SLAB REINFORCING SHALL BE ORIENTED PARALLEL AND PERPENDICULAR TO GRID LINES UNLESS OTHERWISE NOTED. LAP TOP REINFORCING ON INTERSECTING GRID LINES AND BOTTOM REINFORCING CENTERED BETWEEN GRID LINES.

- CORE WALL:
- SUPPORT VERTICAL WALL REINFORCING ON HARD PLASTIC OR STAINLESS STEEL PLATE SUPPORTS. VERTICALS ARE NOT TO REST DIRECTLY ON THE BOTTOM RUBBER PADS.
  - PRIOR TO CASTING CONCRETE IN WALL, WATER TEST THE VERTICAL BAR DUCT UNITS OR CLOSELY INSPECT THE UNITS FOR CRACKS, SEAL OR REPAIR ALL CRACKS OR DAMAGE PRIOR TO CASTING CONCRETE IN WALL.
  - PROVIDE POSITIVE FORM SUPPORTS AT BASE OF WALL TO PREVENT SPREADING OF FORMS, SO THAT CONCRETE WILL NOT PENETRATE BELOW TOP OF NEOPRENE PADS. FORM SUPPORTS SHALL NOT RESTRICT WALL BASE JOINT MOVEMENT AND CLEARANCES FOR REINFORCING BARS SHALL BE MAINTAINED PER DRAWING C-C2-Z-00005.
  - THE CONTRACTOR SHALL COMPLETE THE VERTICAL POST-TENSIONING PRIOR TO THE HORIZONTAL PRESTRESSING OF THE WALL. THE ROOF SLAB SECTIONS SHALL NOT BE POURED UNTIL THE GROUT FOR THE POST-TENSIONING BLOCKOUTS HAS BEEN PLACED.
  - FORMWORK TOLERANCES SHALL CONFORM TO ACI 117, SPECIFICATIONS FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS. IN NO CASE SHALL THE FINISHED CONCRETE CORE WALL BE OUT OF ROUND OR OUT OF PLUMB BY MORE THAN 3/8" +/- FLAT FORM PANELS IF USED SHALL NOT EXCEED 3 FEET IN WIDTH.
  - CAST CORE WALLS IN 25 WALL SEGMENTS WITH 2 DAY MINIMUM BETWEEN ADJACENT POURS.

- MISCELLANEOUS:
- REFER TO SECTION 03300, CAST-IN-PLACE CONCRETE, FOR SPECIAL FORMING REQUIREMENTS FOR THE CONCRETE CORE WALL CONSTRUCTION.
  - PERMANENTLY MARK POST-TENSIONING BAR LOCATIONS ON TOP OF OUTSIDE BASE SLAB BY SCRIBING MARK INTO WET CONCRETE.
  - PERFORM LIQUID TIGHTNESS TEST PRIOR TO INSTALLING INSULATION SYSTEM, MAKING HDPE LINER CONNECTION TO THE WALL FOUNDATION, AND BRINGING BACKFILL TO FINISH GRADE.
  - HORIZONTAL TOLERANCE FOR ALL EMBEDS SHALL BE (+/-) 1/2" AND EMBEDS SHALL BE LEVEL.

LEGEND

C	CC	Z	00039	0
REVISION				



FOUNDATION PLAN

PROJ.	REV. NO.	REVISION
SDU6	0	ISSUED FOR CONSTRUCTION

INITIAL AND DATE				REVISION			
PRPD	LEAD ENG	CHKD/VERFD	APRVD	PRPD	LEAD ENG	CHKD/VERFD	APRVD

C-C2-Z-00005	GENERAL STRUCTURAL NOTES
C-CY-Z-00005	HOPE/GCL, LEAKAGE DETECTION AND SETTLEMENT MONITORING PLAN
C-CY-Z-00006	LEAKAGE DETECTION SYSTEM SECTIONS AND DETAILS
C-CY-Z-00007	LEAKAGE DETECTION AND SETTLEMENT MONITORING SECTIONS AND DETAILS
C-CM-Z-00014	STAIR TOWER PLAN SECTION & ELEVATIONS
C-CC-Z-00042	WALL AND COLUMN SECTION AND DETAILS
C-CC-Z-00044	CONCRETE SECTIONS AND DETAILS
C-CC-Z-00046	CONCRETE DETAILS


UNITED STATES DEPARTMENT OF ENERGY			
SAVANNAH RIVER SITE			
BUILDG. NO. 451-62	SITE CLEARANCE NO. SC-6789	DESIGN AREA NO. 2451	DESIGN GROUP DS SDU TANK 6
TITLE			
Z AREA SALTSTONE DISPOSAL SITE SDU6 TANK DESIGN CONCRETE FOUNDATION PLAN			
SCALE 3/64" = 1'-0"	SRP DRAWING NO. N/A	SHEET NO. 1 OF 1	LATEST REVISION 0