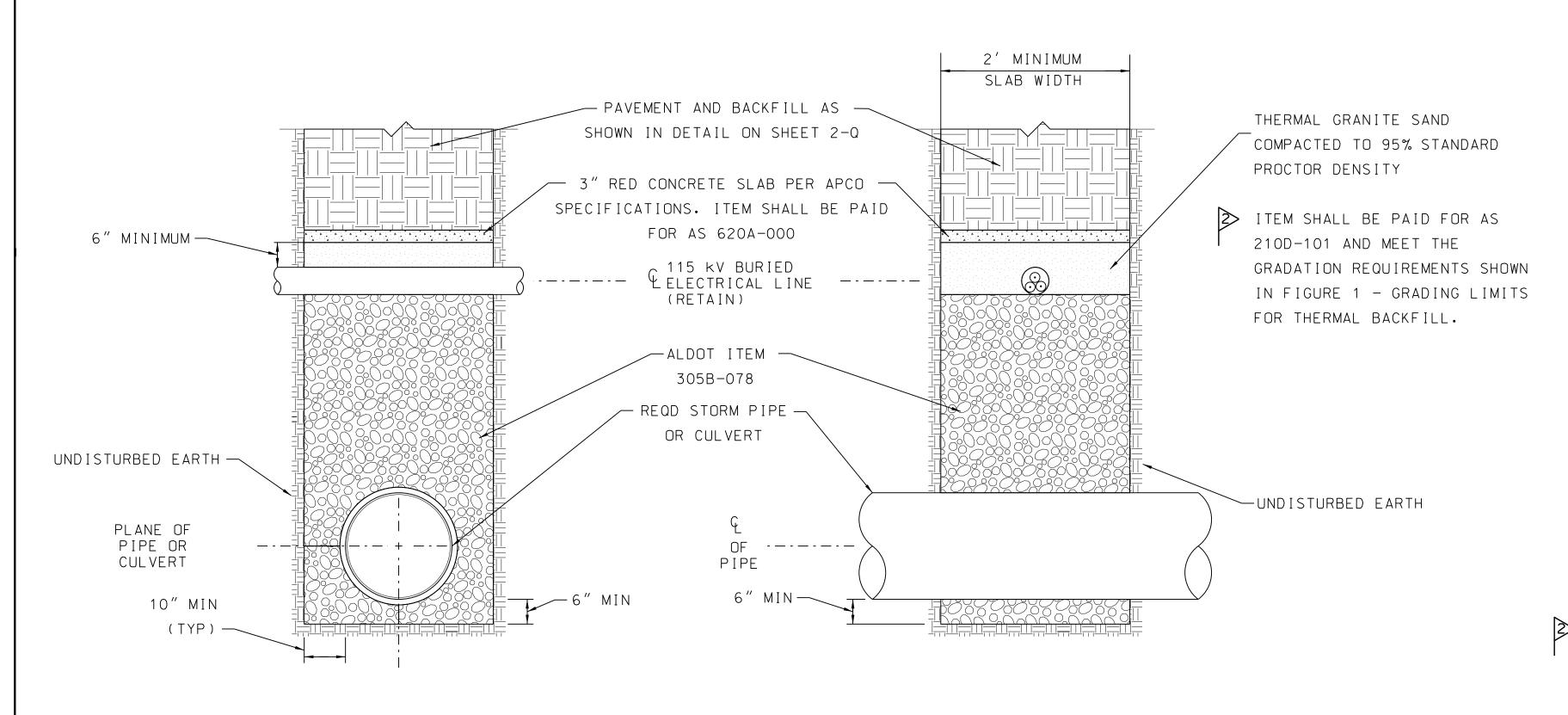
REFERENCE	FISCAL	SHEET
PROJECT NO	YEAR	NO
ACIMF-1059(394)	2017	458C



## > NOTES:

TRENCH BOXES SHALL BE USED AT ALL TIMES DURING THE INSTALLATION OF ANY PIPE OR CULVERT WITHIN 15 FEET OF THE 115 KV HIGH PRESSURE FLUID FILLED (HPFF) BURIED ELECTRICAL LINE BENCH CUTTING THAT EXPOSES THE HPFF BURIED ELECTRICAL LINE WILL NOT BE ALLOWED.

SPECIAL REQUIREMENTS FOR SUPPORTING 115 KVA POWER LINE:

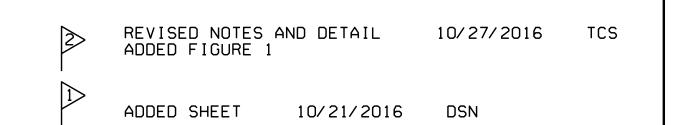
- A. THE APC TRANSMISSION HPFF CIRCUIT SHOULD BE REMOVED FROM ELECTRICAL SERVICE DURING THE CONSTRUCTION PROCESS.
- B. THE HPFF PIPE SHALL NOT BE UNSUPPORTED FOR MORE THAN TEN (10) FEET FROM DITCH EDGE TO DITCH EDGE.
- C. IF APC'S HPFF PIPE SPAN IS LONGER THAN TEN (10) FEET FROM DITCH EDGE TO DITCH EDGE, THE HPFF PIPE SHOULD BE SUPPORTED EVERY FIVE (5) FEET WITH A CLEAN NYLON TYPE FLAT SLING WITH SLING WIDTH NOT LESS THAN EIGHT (8) INCHES, TWO (2), FOUR (4) OR FIVE (5) INCH SLINGS MAY BE USED IF AN EIGHT (8) INCH OR WIDER FLAT SLING IS NOT AVAILABLE. THE SLING SHOULD CRADLE THE PIPE AND NOT CHOCK THE HPFF PIPE. A BEAM SUPPORT OF THE HPFF PIPE WITH SLINGS SHOULD NOT PERMIT THE PIPE TO SAG NOTICEABLY.
- D. ANY DAMAGE TO THE PIPE INSULATION SHOULD BE BROUGHT TO ALABAMA POWER COMPANY'S ON-SITE INSPECTOR'S ATTENTION IMMEDIATELY. THE HOLE SHOULD BE MADE SAFE FOR INSPECTION PRIOR TO COVERING.
- E. BACKFILL MATERIAL WITHIN 2 FEET OF THE PIPE SHALL BE APPROVED UNWASHED GRADED SAND, MECHANICAL COMPACTION OF THE SAND SHALL NOT BE PERMITTED UNTIL THE BACKFILL IS TWO (2) FEET ABOVE THE HPFF PIPE, UNWASHED GRADED SAND SHALL BE INSTALLED AT OPTIMUM MOISTURE TO ASSURE THE 95 PERCENT MODIFIED COMPACTION LEVEL.
- F. THE SEWER PIPE LOCATED BENEATH THE HPFF LINE SHOULD BE CONSTRUCTED TO ELIMINATE ANY SEEPAGE OF THE COMPACTED BACKFILL MATERIAL FROM AROUND THE HPFF TRANSMISSION PIPE.

VIBRATION MONITORING IS REQUIRED FOR CONSTRUCTION OPERATIONS THAT ARE IN PROXIMITY OF THE BURIED 115KV ALABAMA POWER COMPANY (APC) UTILITY. FOR VIBRATIONS OF PPV GREATER THAN 0.15 IN/SEC BUT LESS THAN 0.2 IN/SEC WILL REQUIRE CONTRACTOR COORDINATION AND DISCUSSION WITH APC REPRESENTATIVE. VIBRATIONS OF PPV GREATER THAN 0.2 IN/SEC WILL REQUIRE CONTRACTOR COORDINATION AND DISCUSSION WITH APC FOR REDUCING VIBRATIONS TO ACCEPTABLE LEVEL.

ALABAMA POWER COMPANY (T) PO BOX 2641 BIRMINGHAM, AL 35291 CONTACT: KEVIN S. BRADFORD 205-257-4119

## CROSSING OF 115kV HIGH PRESSURE FLUID FILLED BURIED ELECTRICAL LINE

NTS



ROUTE

1-59/20

RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL ALABAMA DEPARTMEN'	$\mathbb{T}$	SHEET TITLE
			OF TRANSPORTATION	NOT TO SCALE	SPECIAL PROJECT DETAIL
DATE:	DATE:	DATE:			DETAIL

## GEOTHERM INC.

## **GRAIN SIZE DISTRIBUTION**

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