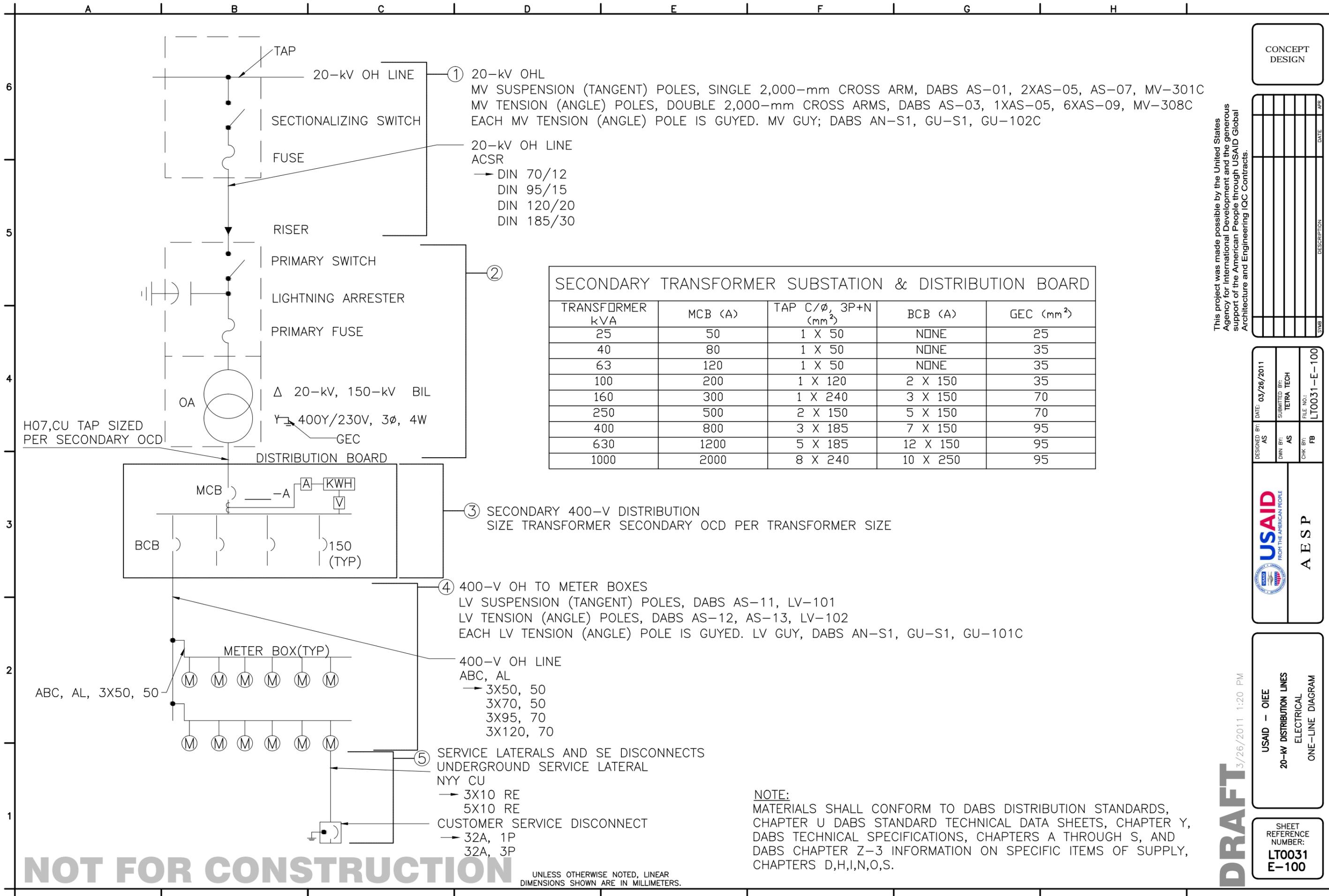


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NOT FOR CONSTRUCTION

UNLESS OTHERWISE NOTED, LINEAR DIMENSIONS SHOWN ARE IN MILLIMETERS.

SECONDARY TRANSFORMER SUBSTATION & DISTRIBUTION BOARD

TRANSFORMER kVA	MCB (A)	TAP C/∅, 3P+N (mm ²)	BCB (A)	GEC (mm ²)
25	50	1 X 50	NONE	25
40	80	1 X 50	NONE	35
63	120	1 X 50	NONE	35
100	200	1 X 120	2 X 150	35
160	300	1 X 240	3 X 150	70
250	500	2 X 150	5 X 150	70
400	800	3 X 185	7 X 150	95
630	1200	5 X 185	12 X 150	95
1000	2000	8 X 240	10 X 250	95

NOTE:
 MATERIALS SHALL CONFORM TO DABS DISTRIBUTION STANDARDS, CHAPTER U DABS STANDARD TECHNICAL DATA SHEETS, CHAPTER Y, DABS TECHNICAL SPECIFICATIONS, CHAPTERS A THROUGH S, AND DABS CHAPTER Z-3 INFORMATION ON SPECIFIC ITEMS OF SUPPLY, CHAPTERS D,H,I,N,O,S.

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CONCEPT DESIGN

NO.	DESCRIPTION	DATE	PREP.

DESIGNED BY: AS
 DATE: 03/26/2011
 SUBMITTED BY: AS
 TETRA TECH
 FILE NO: LT0031-E-100
 CHK BY: FB


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20-kV DISTRIBUTION LINES
ELECTRICAL
ONE-LINE DIAGRAM

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