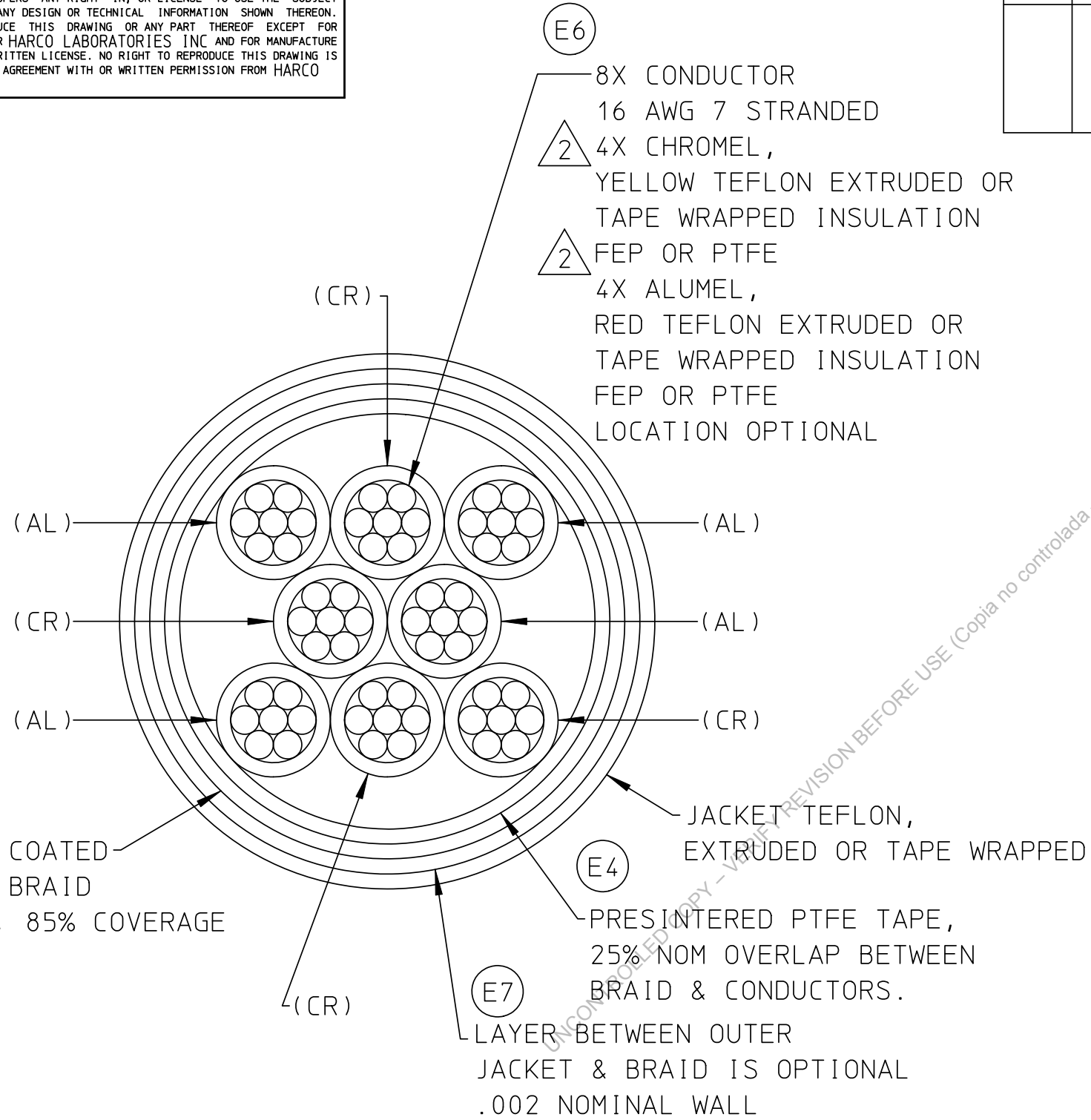


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ECP	ECR	REL DATE	REV. LET.	REVISION	REV. BY	CHK BY	APPROVED BY		
							ENG	M.E.	QA
		05-05-14	E	DCRA 23597-001E.- 1.) NOTE 1, ADDED 'WIRES MUST BE.... LAY LENGTH.' 2.) ANSI MC96.1 WAS MC96.8. 3.) ADDED NOTE 6. 4.) ADDED PRESINTERED TAPE. 5.) ADDED 36 AWG, 85% COVERAGE. 6.) ADDED 'OR TAPE WRAPPED' & 'FEP OR PTFE' (2) PLCS 7.) ADDED OPTIONAL LAYER.	JAV	JAV	AJH	GW	LWA



NOTES:

- (E1) 1. ALL CABLES TO BE LAID UP AND SHIELDED IN ACCORDANCE WITH MIL-C-27500. WIRES MUST BE TWISTED WITH A LEFT HAND LAY, 2 1/2" LAY LENGTH.
- (E2) 2. ALUMEL & CHROMEL CONDUCTORS TO BE TYPE K THERMOCOUPLE GRADE MATERIAL PER ANSI MC96.1.
- 3. CABLES MUST BE CAPABLE OF MEETING ALL PHYSICAL AND ELECTRICAL REQUIREMENTS OF MIL-C-27500.
- 4. CABLES SHALL BE SPOOLED WITH INCREMENTAL LENGTHS NOT SHORTER THAN 250 FEET.
- 5. REMOVED
- (E3) 6. ACCEPTABLE TRADE NAMES FOR OUTER JACKET TEFLON THAT MAY BE USED:

PTFE (POLYTETRAFLUOROETHYLENE)
 FEP (FLUORINATED ETHYLENE PROPYLENE)

23597-001
 PART NUMBER

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ARE: DECIMALS ±.010 FRACTIONS ±1/32 ANGLES ±2° BREAK EDGES .005-.020 FILLET TO BE .005-.020 ALL DIAMETERS \varnothing .010 DO NOT SCALE DRAWING		APPROVALS		DATE	Laboratories, Inc. BRANFORD, CT 06405-0010
MATERIAL SPEC		DRAWN WHH	97-11-10	TITLE	
FINISH SPEC		CHECKED WAC	97-11-13	CABLE, THERMOCOUPLE, 8 CONDUCTOR (M27500)	
APPLICATION		ENGR -		SIZE CAGE CODE	
NEXT ASSEMBLY	USED ON	DE BD	97-11-13	B 00060	
		M.E. MW	97-11-20	DRAWING NO.	
		QA JWD	97-11-24	23597-001	
		PREPARED UNDER CONTRACT		REV.	
		FURNISHED UNDER CONTRACT		E	
		SCALE NONE		SHEET 1 OF 1	