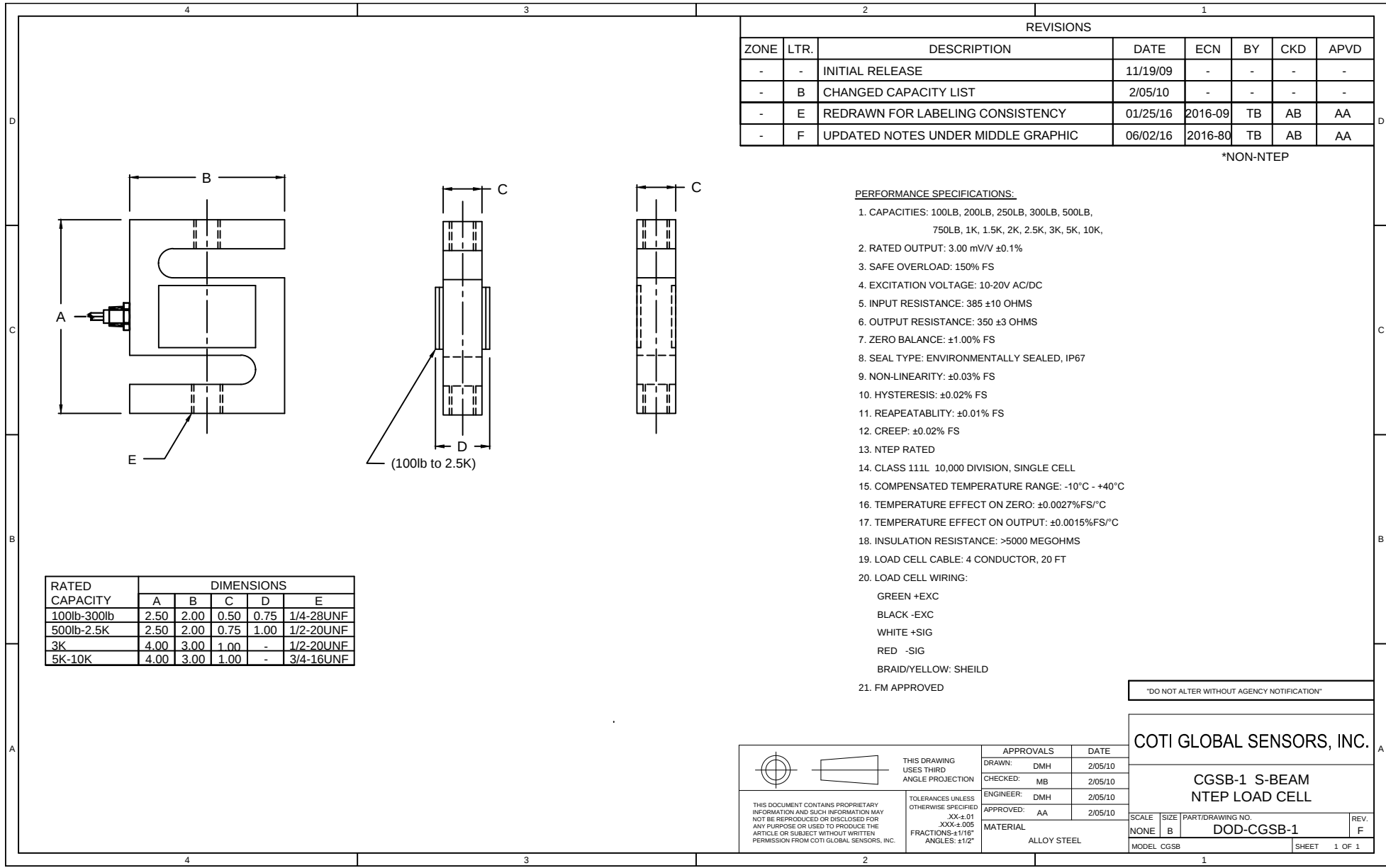




REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	-	INITIAL RELEASE	11/19/09	-	-	-	-
-	B	CHANGED CAPACITY LIST	2/05/10	-	-	-	-
-	E	REDRAWN FOR LABELING CONSISTENCY	01/25/16	2016-09	TB	AB	AA
-	F	UPDATED NOTES UNDER MIDDLE GRAPHIC	06/02/16	2016-80	TB	AB	AA

*NON-NTEP

PERFORMANCE SPECIFICATIONS:

1. CAPACITIES: 100LB, 200LB, 250LB, 300LB, 500LB, 750LB, 1K, 1.5K, 2K, 2.5K, 3K, 5K, 10K,
2. RATED OUTPUT: 3.00 mV/V $\pm 0.1\%$
3. SAFE OVERLOAD: 150% FS
4. EXCITATION VOLTAGE: 10-20V AC/DC
5. INPUT RESISTANCE: 385 ± 10 OHMS
6. OUTPUT RESISTANCE: 350 ± 3 OHMS
7. ZERO BALANCE: $\pm 1.00\%$ FS
8. SEAL TYPE: ENVIRONMENTALLY SEALED, IP67
9. NON-LINEARITY: $\pm 0.03\%$ FS
10. HYSTERESIS: $\pm 0.02\%$ FS
11. REAPEATABLITY: $\pm 0.01\%$ FS
12. CREEP: $\pm 0.02\%$ FS
13. NTEP RATED
14. CLASS 111L 10,000 DIVISION, SINGLE CELL
15. COMPENSATED TEMPERATURE RANGE: $-10^{\circ}\text{C} - +40^{\circ}\text{C}$
16. TEMPERATURE EFFECT ON ZERO: $\pm 0.0027\%$ FS/ $^{\circ}\text{C}$
17. TEMPERATURE EFFECT ON OUTPUT: $\pm 0.0015\%$ FS/ $^{\circ}\text{C}$
18. INSULATION RESISTANCE: >5000 MEGOHMS
19. LOAD CELL CABLE: 4 CONDUCTOR, 20 FT
20. LOAD CELL WIRING:
GREEN +EXC
BLACK -EXC
WHITE +SIG
RED -SIG
BRAID/YELLOW: SHEILD
21. FM APPROVED

"DO NOT ALTER WITHOUT AGENCY NOTIFICATION"

COTI GLOBAL SENSORS, INC.

CGSB-1 S-BEAM
NTEP LOAD CELL

SCALE	SIZE	PART/DRAWING NO.	REV.
NONE	B	DOD-CGSB-1	F
MODEL CGSB		SHEET 1 OF 1	

APPROVALS		DATE
DRAWN:	DMH	2/05/10
CHECKED:	MB	2/05/10
ENGINEER:	DMH	2/05/10
APPROVED:	AA	2/05/10
MATERIAL		
ALLOY STEEL		

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TOLERANCES UNLESS OTHERWISE SPECIFIED
XX- ± 0.01
XXX- ± 0.005
FRACTIONS- $\pm 1/16"$
ANGLES: $\pm 1/2^{\circ}$