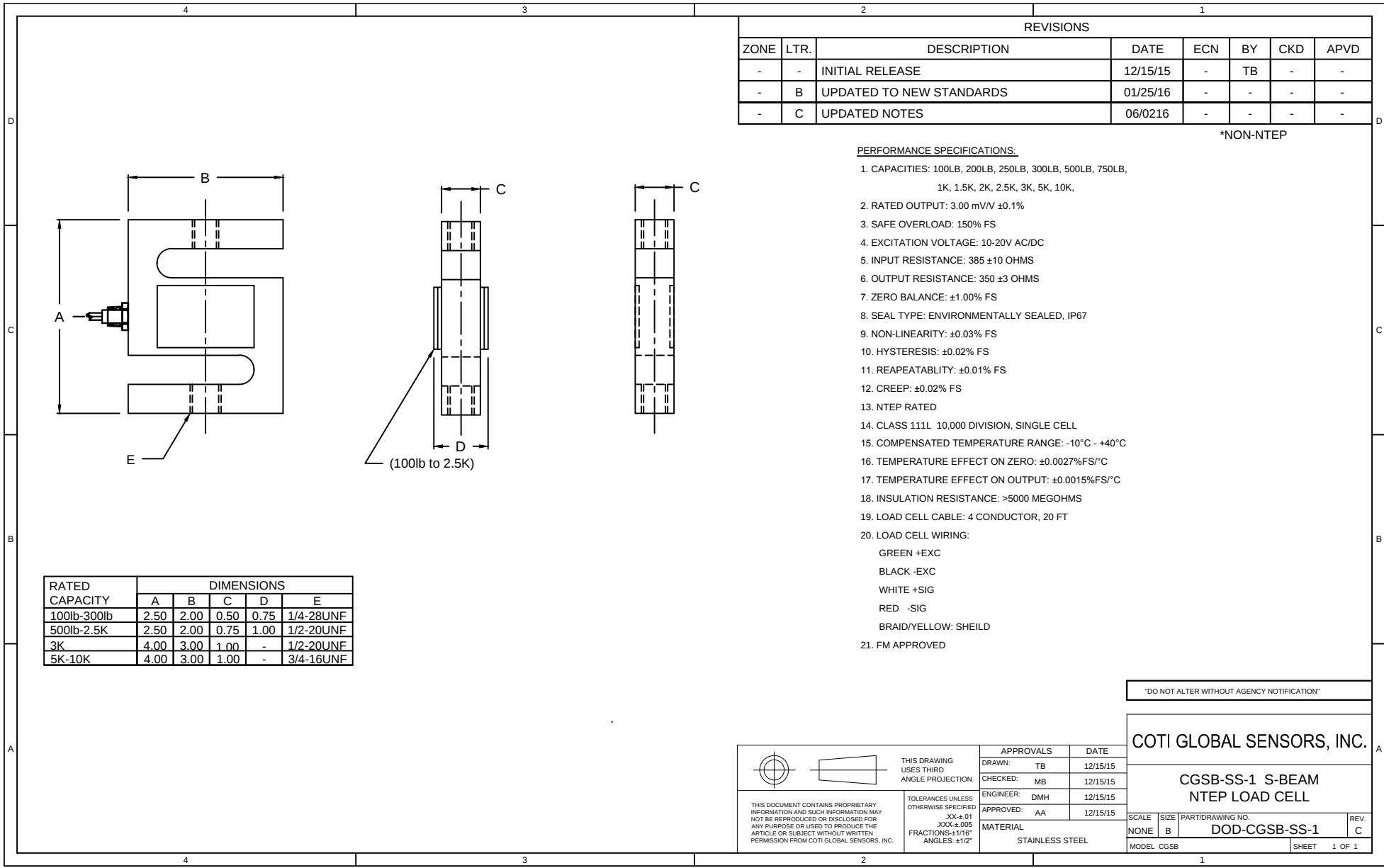




RATED CAPACITY	DIMENSIONS				
	A	B	C	D	E
100lb-300lb	2.50	2.00	0.50	0.75	1/4-28UNF
500lb-2.5K	2.50	2.00	0.75	1.00	1/2-20UNF
3K	4.00	3.00	1.00	-	1/2-20UNF
5K-10K	4.00	3.00	1.00	-	3/4-16UNF

REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
-	-	INITIAL RELEASE	12/15/15	-	TB	-	-
-	B	UPDATED TO NEW STANDARDS	01/25/16	-	-	-	-
-	C	UPDATED NOTES	06/0216	-	-	-	-

PERFORMANCE SPECIFICATIONS:

- CAPACITIES: 100LB, 200LB, 250LB, 300LB, 500LB, 750LB, 1K, 1.5K, 2K, 2.5K, 3K, 5K, 10K,
- RATED OUTPUT: 3.00 mV/V $\pm$ 0.1%
- SAFE OVERLOAD: 150% FS
- EXCITATION VOLTAGE: 10-20V AC/DC
- INPUT RESISTANCE: 385 $\pm$ 10 OHMS
- OUTPUT RESISTANCE: 350 $\pm$ 3 OHMS
- ZERO BALANCE: $\pm$ 1.00% FS
- SEAL TYPE: ENVIRONMENTALLY SEALED, IP67
- NON-LINEARITY: $\pm$ 0.03% FS
- HYSTERESIS: $\pm$ 0.02% FS
- REPEATABILITY: $\pm$ 0.01% FS
- CREEP: $\pm$ 0.02% FS
- NTEP RATED
- CLASS 111L 10,000 DIVISION, SINGLE CELL
- COMPENSATED TEMPERATURE RANGE: -10°C - +40°C
- TEMPERATURE EFFECT ON ZERO: $\pm$ 0.0027%FS/°C
- TEMPERATURE EFFECT ON OUTPUT: $\pm$ 0.0015%FS/°C
- INSULATION RESISTANCE: >5000 MEGOHMS
- LOAD CELL CABLE: 4 CONDUCTOR, 20 FT
- LOAD CELL WIRING:
GREEN +EXC
BLACK -EXC
WHITE +SIG
RED -SIG
BRAID/YELLOW: SHIELD
- FM APPROVED

*NON-NTEP

"DO NOT ALTER WITHOUT AGENCY NOTIFICATION"

COTI GLOBAL SENSORS, INC.

CGSB-SS-1 S-BEAM
NTEP LOAD CELL

		THIS DRAWING USES THIRD ANGLE PROJECTION		APPROVALS		DATE		COTI GLOBAL SENSORS, INC.	
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				CHECKED: MB		12/15/15			
				ENGINEER: DMH		12/15/15			
				APPROVED: AA		12/15/15			
				MATERIAL					
TOLERANCES UNLESS OTHERWISE SPECIFIED				STAINLESS STEEL					
XX ± 0.1									
XX ± 0.005									
FRACTIONS ±1/16"									
ANGLES: ±1/2°									



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TOLERANCES UNLESS
OTHERWISE SPECIFIED
XX- $\pm$ 0.01
XXX- $\pm$ 0.005
FRACTIONS- $\pm$ 1/16"
ANGLES: $\pm$ 1/2°

THIS DRAWING
USES THIRD
ANGLE PROJECTION