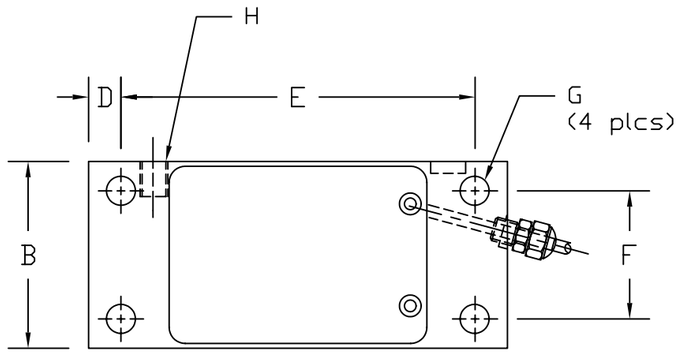
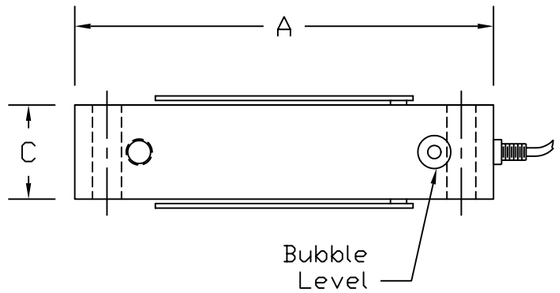
REVISIONS							
ZONE	LTR.	DESCRIPTION	DATE	ECN	BY	CKD	APVD
–	–	INITIAL RELEASE	11/03/06	–	–	–	–
–	A	EDITED VIEWS AND TABLE	03/30/07	041	MP	AA	WH





*NON-NTEP

PERFORMANCE SPECIFICATIONS:

1. CAPACITIES: 50LB, 125LB, 250LB, & *625LB
2. RATED OUTPUT: 1.00 mV/V ±1%
3. SAFE OVERLOAD: 150% FS
4. EXCITATION VOLTAGE: 10-15V AC/DC
5. BRIDGE RESISTANCE: 350 OHMS
6. ZERO BALANCE: ±1.00% FS
7. SEAL TYPE: ENVIRONMENTALLY SEALED
8. NTEP RATED
9. CLASS III, 5,000 DIVISION, SINGLE CELL
10. COMPENSATED TEMPERATURE RANGE: -10°C - +40°C
11. TEMPERATURE EFFECT ON ZERO: ±0.02%FS/10°C
12. TEMPERATURE EFFECT ON OUTPUT: ±0.02%FS/10°C
13. INSULATION RESISTANCE: >5000 MEGOHMS
14. LOAD CELL CABLE: 4 CONDUCTOR, 10 FT
15. LOAD CELL WIRING:
    - GREEN +EXC
    - BLACK -EXC
    - WHITE +SIG
    - RED -SIG
    - BRAID/YELLOW: SHIELD

RATED CAPACITY	DIMENSIONS										
			A	B	C	D	E	F	G	H		
50lb			6.50	2.90	0.74	0.50	5.50	2.00	0.45	5/16-18UNC		
125-250lb			6.50	2.90	1.46	0.50	5.50	2.00	0.45	5/16-18UNC		
625lb			8.00	3.75	1.91	0.50	7.00	2.75	0.52	5/16-18UNC		

"DO NOT ALTER WITHOUT AGENCY NOTIFICATION"

THIS DRAWING USES THIRD ANGLE PROJECTION

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE REPRODUCED OR DISCLOSED FOR ANY PURPOSE OR USED TO PRODUCE THE ARTICLE OR SUBJECT WITHOUT WRITTEN PERMISSION FROM COTI, INC.

TOLERANCES UNLESS OTHERWISE SPECIFIED
.XX-±.01
.XXX-±.005
FRACTIONS-±1/16"
ANGLES: ±1/2"

APPROVALS		DATE
DRAWN:	MP	11/03/06
CHECKED:	AA	03/30/07
ENGINEER:	WH	03/30/07
APPROVED:	WH	03/30/07

MATERIAL
STAINLESS STEEL

COTI INC

CI-FLS SINGLE POINT CELL NTEP LOAD CELL

SCALE	SIZE	PART/DRAWING NO.	REV.
NONE	B	DOD-CI-FLS	A

MODEL CI-FLS | SHEET 1 OF 1