

DESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]

DO NOT
SCALE FROM
THIS PRINT

TABLE 1			
LENGTH	"B"	"C"	CABLE PART NUMBER
1M [39.37]	1.00M	1.04M [40.94]	UCA-03-01
2M [78.74]	2.00M	2.04M [80.31]	UCA-03-01
3M [118.11]	3.00M	3.04M [119.69]	UCA-03-01

USBC-AM-BM-B-B-S-X-X

A MALE
USB A PLUG

B MALE
USB B PLUG

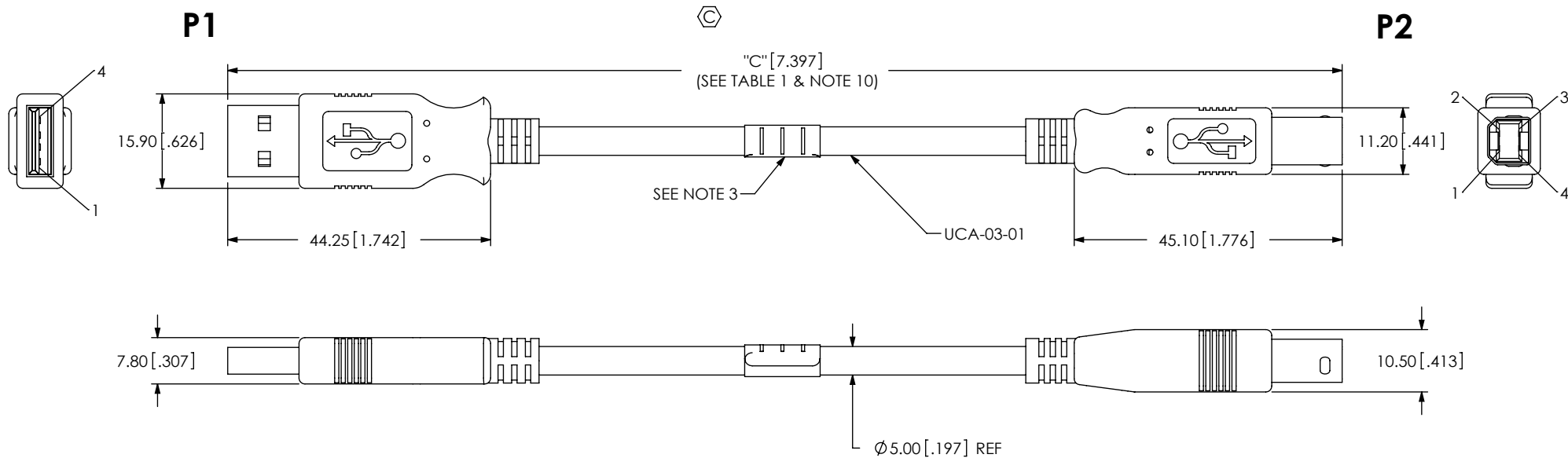
CONNECTOR COLOR
-B: BLACK

E I OPTION
-R: RoHS COMPLIANT

LENGTH
-1: 1M [39.37]
-2: 2M [78.74]
-3: 3M [118.11]

PLATING
-S: SELECTIVE
0.76um [30u"] GOLD ON
CONTACT AREA

OVERMOLD COLOR
-B: BLACK

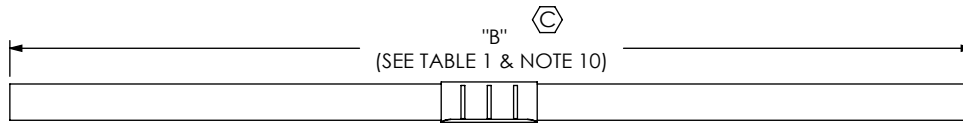


NOTES:

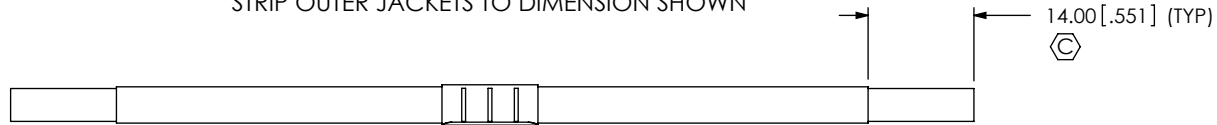
1. $\text{\textcircled{C}}$ REPRESENTS A CRITICAL DIMENSION.
2. THE CABLE SHALL NOT HAVE ANY OPENS, SHORTS, MISWIRING, OR INTERMITTENT FAILURES.
3. THE CABLE SHALL BE 100% ELECTRICAL TESTED FOR OPENS AND SHORTS, HIGH POT TESTED AT 200V. AFTER FINAL ELECTRICAL TEST, LABEL ASSEMBLY WITH 1 LABEL-ET.
4. NOTE DELETED.
5. USB LOGO TO BE RAISED 0.25[.010].
6. NOTE DELETED.
7. ALL IDENTIFICATION MARKS MUST NOT STAND GREATER THAN 0.051 [.002] OFF THE SURFACE OF THE PART.
8. ALL EJECTOR PIN AND GATE LOCATIONS MUST BE APPROVED BY SAMTEC PRODUCT ENGINEERING.
9. ANY ADDITIONAL VOIDING AND/OR MODIFICATIONS TO VOIDING MUST BE APPROVED BY SAMTEC PRODUCT ENGINEERING.
10. LENGTH TOLERANCE SHALL BE \pm 2% OF LENGTH.
11. THIS IS A COMPONENT OF USBP-A-01-G-B-01 (CALLED OUT ON THE BOM), BUT LABELLED INDIVIDUALLY FOR ASSEMBLY PURPOSES.
12. THIS IS A COMPONENT OF USBP-B-01-G-B-01 (CALLED OUT ON THE BOM), BUT LABELLED INDIVIDUALLY FOR ASSEMBLY PURPOSES.
13. ASSEMBLY TO BE PACKAGED IN BULK.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE: DECIMALS ANGLES .X: \pm 0.35 [.014] 2° .XX: \pm 0.25 [.010] .XXX: \pm 0.15 [.006]	PROPRIETARY NOTE THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.	samtec 520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code: 55322
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:1 INSULATOR: GLASS FILLED THERMOPLASTIC MAX FLASH ALLOWED: 0.05[.002] CONTACTS: COPPER ALLOY MAX GATE ALLOWED: 0.25[.01] SHIELDS: CRS NONSEALED OVERMOLD: PVC; MAX REGRIND: 30% $\text{\textcircled{C}}$	DESCRIPTION: USB A PLUG TO USB B PLUG JUMPER CABLE DWG. NO. USBC-AM-BM-B-B-S-X-X	BY: CHAD F 11/1/2004 SHEET 1 OF 4

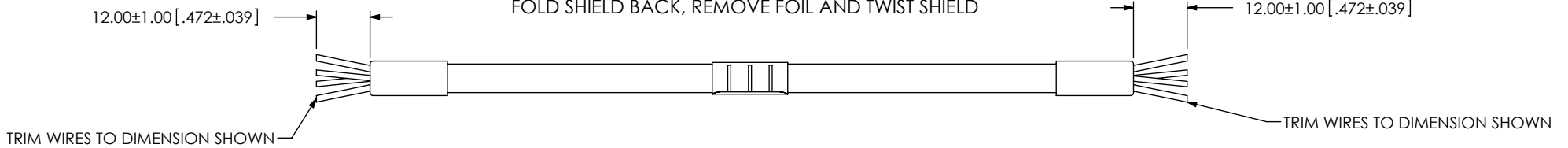
IN-PROCESS 1
CUT CABLES TO LENGTH



IN-PROCESS 2
STRIP OUTER JACKETS TO DIMENSION SHOWN



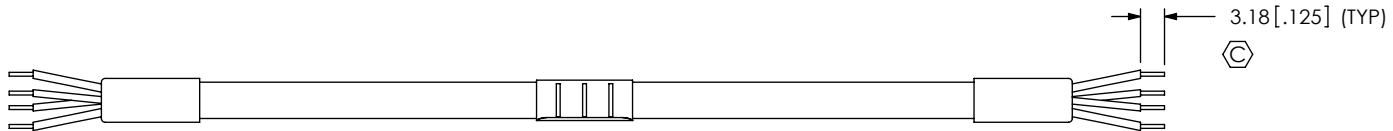
IN-PROCESS 3
FOLD SHIELD BACK, REMOVE FOIL AND TWIST SHIELD



P1

IN-PROCESS 4
STRIP INDIVIDUAL WIRES TO DIMENSION SHOWN AND DIP IN TIN

P2



P1

IN-PROCESS 5
TERMINATE TO SUB-USB-A-G-B-01 AND SUB-USB-B-G-B-01

P2

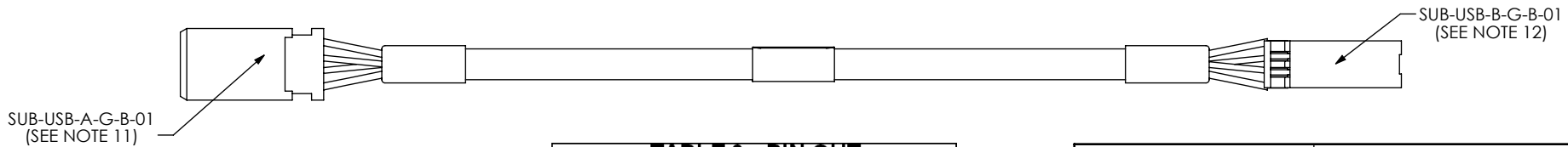


TABLE 3 - PIN-OUT

P1	COLOR	P2
1	RED (22#)	1
2	WHITE (28#)	2
3	GREEN (28#)	3
4	BLACK (22#)	4
SHELL	BRAID+DRAIN	SHELL

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SHEET SCALE: 1:2



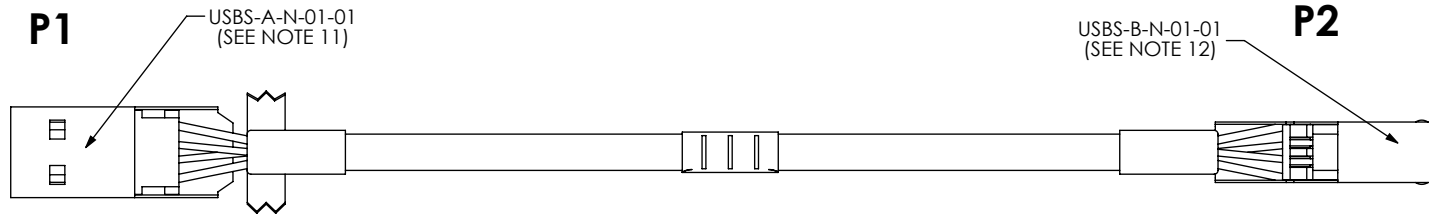
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
USB A PLUG TO USB B PLUG JUMPER CABLE

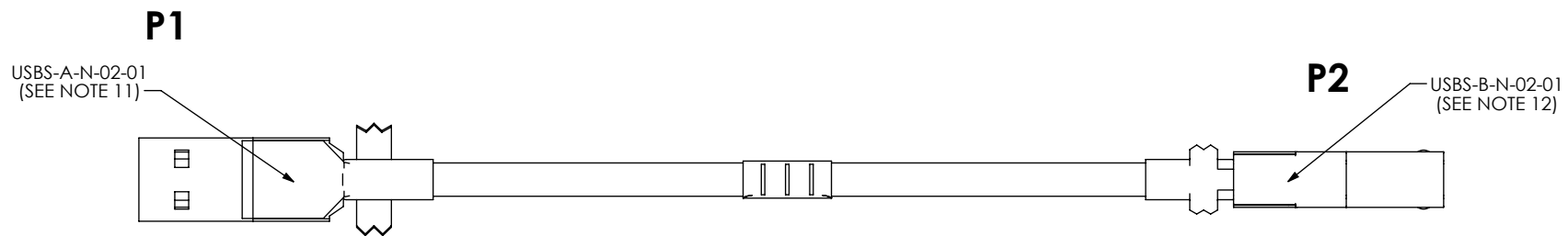
DWG. NO. **USBC-AM-BM-B-B-S-X-X**

BY: CHAD F 11/1/2004 SHEET 2 OF 4

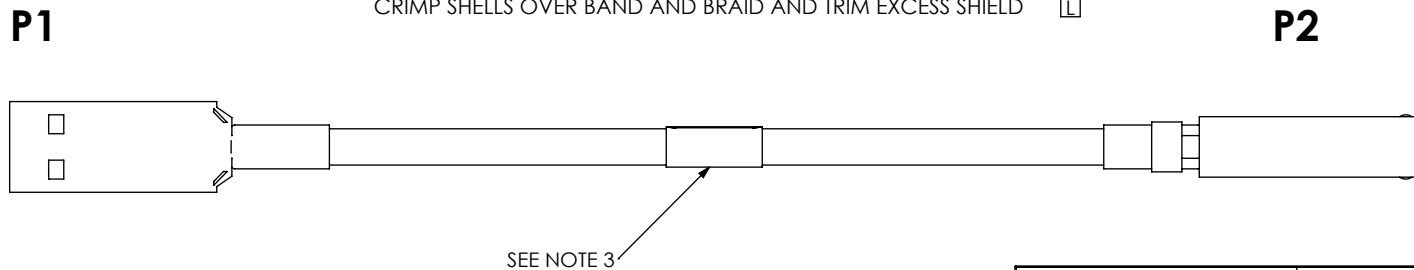
IN-PROCESS 6
ADD USBS-A-N-01-01 AND USBS-B-N-01-01



IN-PROCESS 7
ADD USBS-A-N-02-01 AND USBS-B-N-02-01



IN-PROCESS 8
CRIMP SHELLS OVER BAND AND BRAID AND TRIM EXCESS SHIELD □



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SHEET SCALE: 1:2



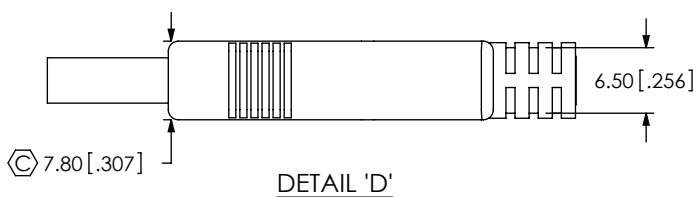
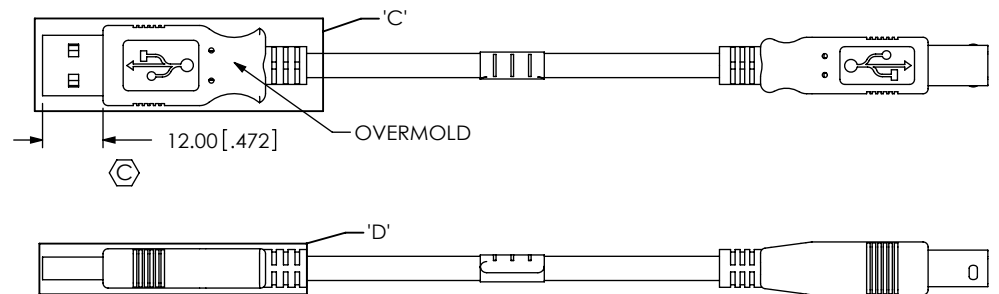
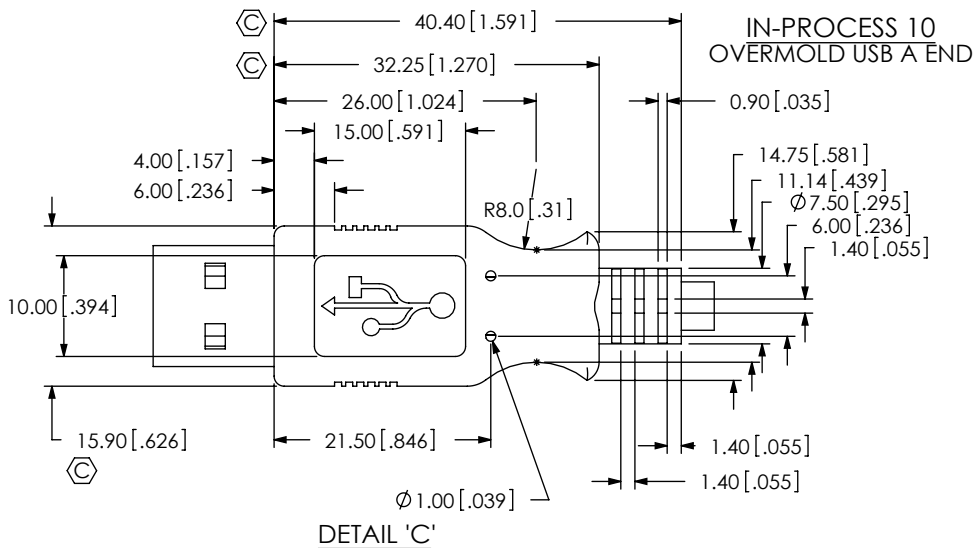
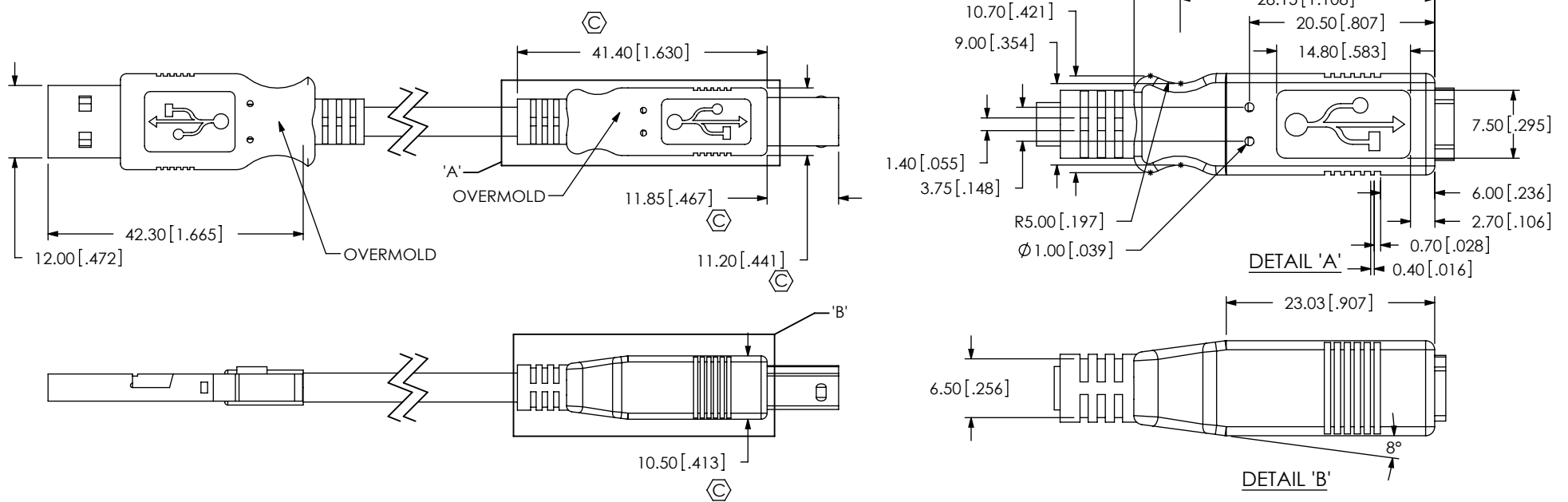
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DWG. NO. USBC-AM-BM-B-B-S-X-X

BY: CHAD F 11/1/2004 SHEET 3 OF 4

IN-PROCESS 9
OVERMOLD USB A END AND OVERMOLD USB B END



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<p>BY: CHAD F 11/1/2004</p>		<p>SHEET 4 OF 4</p>