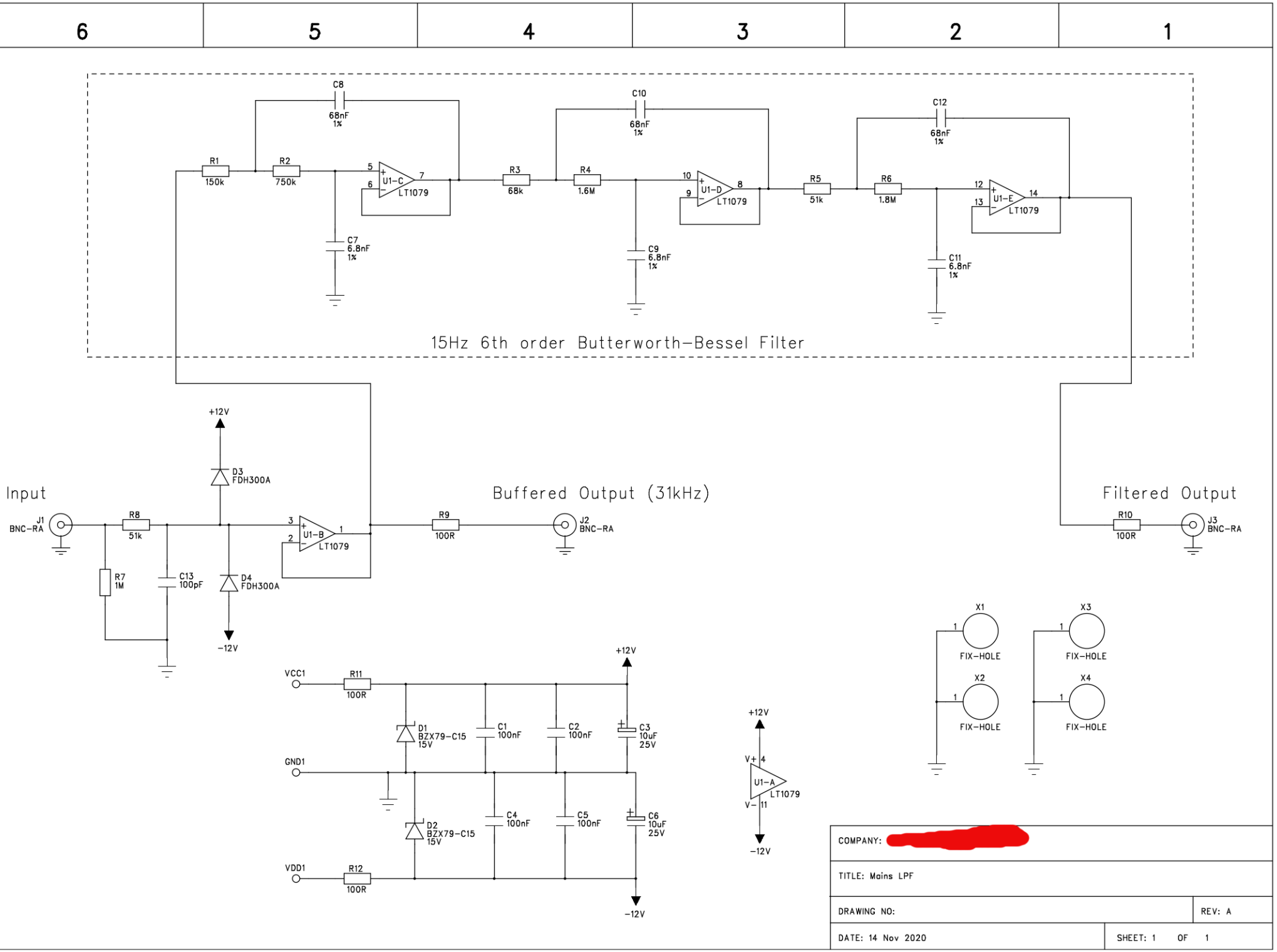
6
5
4
3
2
1
D
C
B
A
C8
68nF
1%
C10
68nF
1%
C12
68nF
1%
R1
150k
R2
750k
U1-C
LT1079
R3
68k
R4
1.6M
U1-D
LT1079
R5
51k
R6
1.8M
U1-E
LT1079
C7
6.8nF
1%
C9
6.8nF
1%
C11
6.8nF
1%
15Hz 6th order Butterworth-Bessel Filter
Input
J1
BNC-RA
R8
51k
+12V
D3
FDH300A
R7
1M
C13
100pF
D4
FDH300A
-12V
U1-B
LT1079
Buffered Output (31kHz)
R9
100R
J2
BNC-RA
Filtered Output
R10
100R
J3
BNC-RA
VCC1
R11
100R
GND1
VDD1
R12
100R
D1
BZX79-C15
15V
D2
BZX79-C15
15V
C1
100nF
C2
100nF
C3
10uF
25V
C4
100nF
C5
100nF
C6
10uF
25V
+12V
-12V
U1-A
LT1079
X1
FIX-HOLE
X2
FIX-HOLE
X3
FIX-HOLE
X4
FIX-HOLE
COMPANY:
TITLE: Mains LPF
DRAWING NO:
REV: A
DATE: 14 Nov 2020
SHEET: 1 OF 1