

LEVEL 3
SITE MANUFACTURING
OPERATIONS MANAGEMENT
(BY HEMOBRAS)

BUILDING
B07B

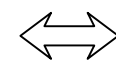
SITE MANUFACTURING NETWORK

BUILDING
03

LEVEL 2
SUPERVISORY CONTROL

B07A DRUG PRODUCT

SEE SERVER ROOM / RU-B3010-B CONNECTIONS ON
DWG 7B-1-0-1-01



FIBER OPTIC NETWORK

BUILDING
B07B

BUILDING
03

LEVEL 1
PROCESS CONTROL
NETWORK

ETHERNET I/O NETWORK

FILLING

SECONDARY PACKAGING

INSPECTION

ETHERNET I/O NETWORK

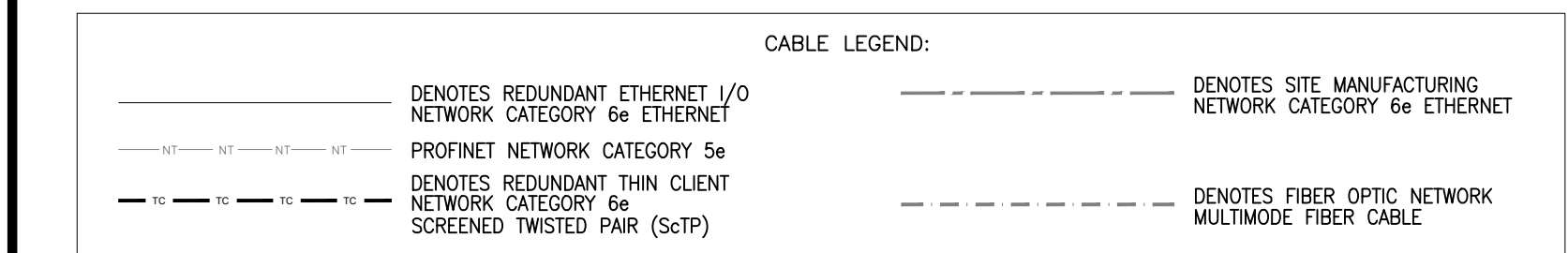
ETHERNET I/O NETWORK

FORMULATION

UTILITIES

CIP / WASH

ETHERNET I/O NETWORK



Integrated
Project
Services

721 ARBOR WAY, SUITE 100
BLUE BELL
PENNSYLVANIA 19422
PHONE: 610.828.4090
FAX: 610.828.3656
www.ipsdb.com

IPS Professional Engineers and Architects, PC.

REV	DATE	DESCRIPTION	BY	CHECK	APPR
A	27MAR2020	OWNER REVIEW ISSUE	JBO	JBO	P.A.
B	27MAR2020	90% CD ESTIMATE ISSUE	JBO	JBO	P.A.
C	06APR2020	90% CD ISSUE	JBO	JBO	P.A.
D	07MAY2020	FINAL CD ISSUE	JBO	JBO	P.A.
E	09JUL2020	90% BO ISSUE	JBO	JBO	P.A.
F	29AUG2020	90% BO ISSUE	JBO	JBO	P.A.
G	16OCT2020	FINAL BO ISSUE	JBO	JBO	P.A.
H	20MAR2021	90% DO ISSUE	AG	MAF	RSP
I	03JUL2021	90% DO ISSUE	AG	MAF	RSP
0	10NOV2021	ISSUED FOR CONSTRUCTION	AG	MAF	RSP
1	24NOV2021	ISSUED FOR CONSTRUCTION	AG	MAF	RSP
2	13DEC2021	ISSUED FOR CONSTRUCTION	AG	MAF	RSP
3	08FEB2022	ISSUED FOR CONSTRUCTION	AG	MAF	RSP
4	06APR2022	ISSUED FOR CONSTRUCTION	AG	MAF	RSP



R. Dr. Cesarino Mota Junior, 424 - Vila Buarque, São Paulo - SP, 01221-020

SHEET NOTES:

1. DEDICATED PCS CONTROL PANEL PROGRAMMABLE LOGIC CONTROLLER TO CONTROL ALL LISTED NON-VENDOR / STICKBUILT EQUIPMENT.
2. REFER TO HEMOBRAS - AUTOMATION ARCHITECTURE DOCUMENT HEM-AN-000-001.
3. REFER TO DRUG SUBSTANCE PCS SYSTEM NETWORK ARCHITECTURE DRAWING 7B-1-0-1-01.

REVISION 0 - NOTES

1. REVIEW ACCORDING TO I/O LIST.
2. REVIEW OF TERMINAL IDENTIFICATIONS.
3. SWITCH ADEQUACY.

REVISION 1 - NOTES

1. REVIEW ACCORDING TO I/O LIST.
2. FORMAT ADEQUACY.
3. ADDED REMOTE I/O.

REVISION 2 - NOTES

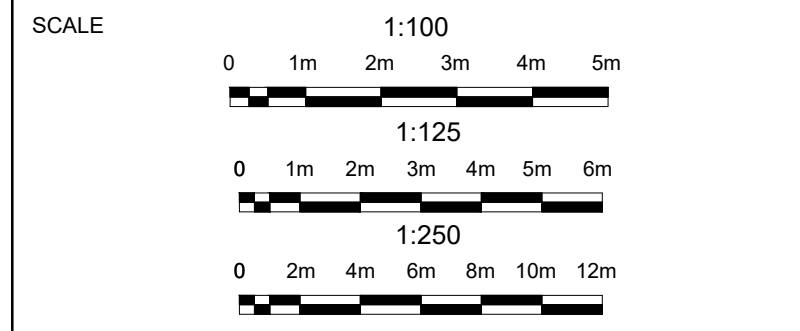
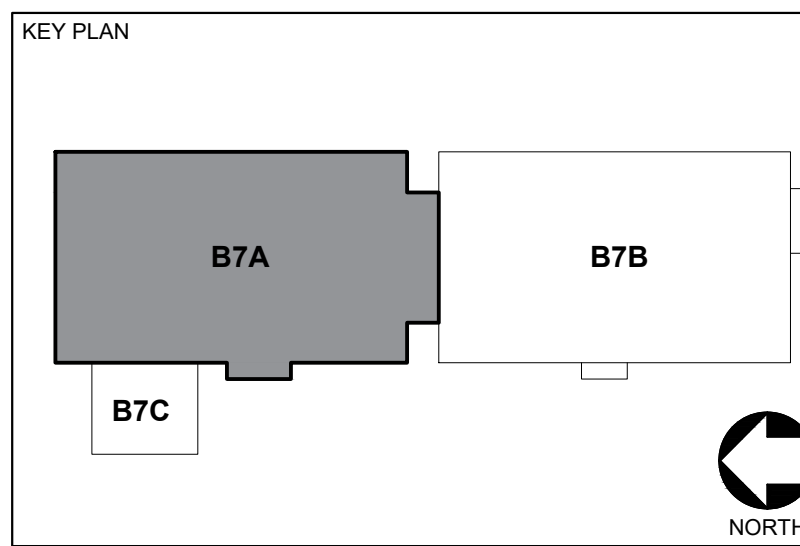
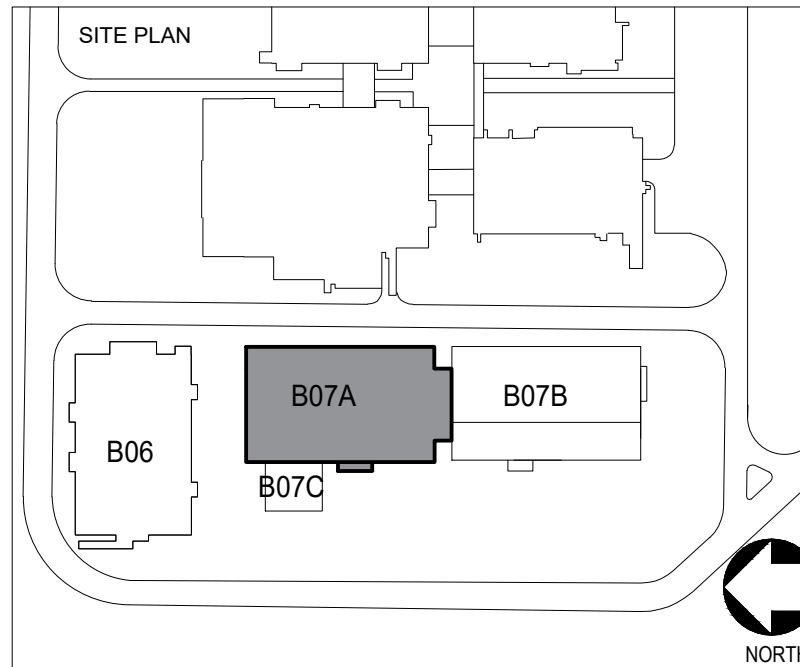
1. REVIEW ACCORDING TO I/O LIST.
2. FORMAT ADJUSTMENT.

REVISION 3 - NOTES

1. REVIEW ACCORDING PROCESS UPDATE.

REVISION 4 NOTES AS PER N+1 UPDATE

1. TAGS AND REMOTES SERVICES UPDATED.
2. NETWORK RING CONNECTIONS.



CONFIDENTIAL

THE INFORMATION CONTAINED HEREIN MAY NOT BE USED OR REPRODUCED IN ANY MANNER WITHOUT WRITTEN PERMISSION OF INTEGRATED PROJECT SERVICES.

CLIENT



BURITI EPCMV PROJECT

DRAWING TITLE

PROCESS CONTROL SYSTEM
(PCS) NETWORK
ARCHITECTURE

ENGINEER JBO	ARCHITECT BJE	DESIGNER JBO	IPS PROJECT # ITD19439.01
DRAWN BY JBO	REVIEWED BY PUL	SCALE AS NOTED	CADD FILE NAME

XREF FILE(S)

DRAWING NUMBER

7A-I-0-1-01