

BIOMED NETWORK LAYER 1 & 2 DIAGRAMS AND DOCUMENTATION

PHYSICAL CONNECTIVITY AND LAYOUT

MGH DEPARTMENT OF BIOMEDICAL ENGINEERING

DRAWING	SHEET #
NETWORK CLOSET DIRECTORY AND ACCESS DETAIL: ELLISON, WHITE, BLAKE, BIGELOW	A1
NETWORK CLOSET DIRECTORY AND ACCESS DETAIL: LUNDER, YAWKEY	A2
GE NETWORK VLAN ASSIGNMENTS	V1
RISER DIAGRAM: FIBER/COPPER INTERCONNECTIONS	R1

REVISION	CHANGE DESCRIPTION	DATE	INITIALS
-	INITIAL RELEASE (NOTE; REVS A-H HAVE BEEN ARCHIVED. SEE REV I FOR PREVIOUS CHANGE NOTES)	6/23/2015	JSR
I	A1 - CHANGED BIG9 ACCESS FROM KEY TO BADGE, ADDED ED CDU TO CARE AREA FOR WHITE 1, ADDED ED CDU CIC CABINET CODE, REMOVED ELLISON 2 CLOSET, ADDED BLK/ELL13 ADULT CLOSET, ADDED WHITE 13 CLOSET, BIG 12 NOTED CONSTRUCTION A2 - ADDED YAWKEY 10, ADDED LUNDER CORE SWITCH HARDWARE FOR LUNDER LL AND LL3, ADDED TABLE FOR COX BUILDING TO INCORPORATE RAD ONC V1 - CHANGED YAWKEY 10 TO VLAN 20, CHANGED ELLISON 8 TO VLAN 21, CHANGED WHITE 13 TO VLAN 22, ADDED ANTEPARTUM/POSTPARTUM (ELL/BLK13), NOTED BIG 12 UNDER CONSTRUCTION, CHANGED RAD ONC TO VLAN 20, RENAMED ELLISON 20 AND 21 DUE TO RELOCATION, CHANGED WHITE 8 AND 10 TO VLAN 22	5/30/2019	JSR
J	A1 - ADDED RTLS TO BIG 11, 12, WHITE 6, 7, 12, 13, ELLISON 11, BLAKE 6. CORRECTED ACCESS CODES FOR ED PEDI AND CDU CABINETS TO 2 4, 3, ADDED NEW BIG 12 CLOSET DETAIL A2 - ADDED CLOSET DETAILS FOR NEW CLOSET ON YAWKEY 9 V1 - UPDATE BIG 12 TO VLAN 22 (ED OBS), CHANGED BIGELOW 14 TO GENERAL MEDICINE AND ELLISON 19 TO THORACIC/VASCULAR, ADDED YAWKEY 9 AS HEM/ONC (VLAN20)	8/27/2019	JSR

ELLISON

FLOOR	ROOM	HARDWARE/SYSTEMS	ACCESS	KEY	UNIT/CARE AREA SUPPORTED	COMMENTS
1	103	NETWORK EXT KIT	KEY	1	ED URGENT	CONTAINS NETWORK AND SPEAKER EXTENSION FOR URGENT TO WHITE 166
2					ELLISON 2 RICA	ELLISON 2 SUPPORTED BY BLAKE 2 CLOSET
4	400V1 VOICE	MC/IX, ADU, DSS, TELE	KEY	3	ELLISON 4	
6	643	MC/IX, ADU, DSS, TELE	BADGE		ELLISON 6	
7	700V1 VOICE	MC/IX, ADU, DSS	KEY	3	ELLISON 7	
	700M6	TELE	KEY	4	ELLISON 7	NEXT TO RM 747
8	843	MC/IX, ADU, DSS, TELE	BADGE		ELLISON 8	
9	919	MC/IX, ADU, DSS	FREE ACCESS		ELLISON 9	
10	1043	MC/IX, ADU, DSS, TELE	BADGE		ELLISON 10	
11	1143	MC/IX, ADU, DSS, TELE, RTLS	BADGE		ELLISON 11	
12	1235	MC/IX, ADU, DSS, TELE	BADGE		ELLISON 12	
13	1300D1 DATA	MC/IX, ADU, DSS, OBTV	KEY	1	GE SYSTEM - SCN	
	1300V1 VOICE	OBTV/OBIX	KEY	3	OBIX - ANTEPARTUM ROOMS	
14	1400M02	MC/IX, ADU, DSS	BADGE		ELLISON 14	
16	1600D1 DATA	MC/IX, ADU, DSS	KEY	1	ELLISON 16	
	1600M6	TELE	KEY		ELLISON 16	NEXT TO RM 1647
17	1734	MC/IX, ADU, DSS, TELE	BADGE		ELLISON 17, ELLISON 18 (ADU)	RM1734 IS THROUGH 1700C7
18	1800D1 DATA	MC/IX, DSS	KEY	1	ELLISON 18	ADU SIGNS SUPPORTED BY ELL17
	1840	TELE	FREE ACCESS		ELLISON 18	
19	1903	MC/IX, ADU, DSS, TELE	KEY	1	ELLISON 19	
20	2041	MC/IX, ADU, DSS, TELE	CODE	3,4,2	ELLISON 20	
21	LINEN CLOSET	MC/IX, ADU, DSS, TELE	KEY	5	ELLISON 21	NEXT TO RM 2140
22	2219	MC/IX, ADU, DSS, TELE	FREE ACCESS		ELLISON 22	

WHITE

FLOOR	ROOM	HARDWARE/SYSTEMS	ACCESS	KEY	UNIT/CARE AREA SUPPORTED	COMMENTS
1	166	MC/IX, ADU, DSS	BADGE		ED PEDI, ED URGENT, ED CDU	
1	130 (PEDI)	CIC CABINET	CODE	24,3	ED PEDI CIC	
1	160 (CDU)	CIC CABINET	CODE	24,3	ED CDU CIC	
6	600J1	MC/IX, ADU, DSS, TELE, RTLS	KEY	1	WHITE 6	NEAR ELEVATORS
7	700J9	MC/IX, ADU, DSS, TELE, RTLS	KEY	1	WHITE 7	LINEN CLOSET
8	851	MC/IX, ADU, DSS, TELE	BADGE		WHITE 8, WHITE 10 (ADU)	PT STORAGE
9	900D02 DATA	MC/IX, ADU, DSS, TELE	BADGE		WHITE 9	EQUIPMENT WALL-MOUNTED INSIDE TELE/DATA CLOSET
10	1000J04	MC/IX, DSS, TELE	KEY	9	WHITE 10	PT WING, LEFT SIDE 1025D, ADU SIGNS SUPPORTED BY WHITE 8.
11	1100D02 DATA	MC/IX, ADU, DSS	BADGE		WHITE 11	EQUIPMENT WALL-MOUNTED INSIDE TELE/DATA CLOSET
	1100M1	TELE	KEY	10	WHITE 11	B&G CLOSET OUTSIDE UNIT
12	1200D02 DATA	MC/IX, ADU, DSS, TELE, RTLS	BADGE		WHITE 12	
13	1300D01 DATA	MC/IX, DSS, TELE, RTLS	BADGE		WHITE 13	ADU SIGNS SUPPORTED BY WHITE 12

BLAKE

FLOOR	ROOM	HARDWARE/SYSTEMS	ACCESS	KEY	UNIT/CARE AREA SUPPORTED	COMMENTS
SB	0014	GE EA, CORE SWITCH	BADGE			
2	250	MC/IX, ADU, DSS, TELE	BADGE		BLAKE 260 ECHO, NUC CARD, RICA & ELLISON PROCEDURE ROOMS	NEAR WAITING ROOM
4	495	BDV, NANTHEALTH	KEY	2	BDV RACK - ENDO RM 1 & 1A, NANTHEALTH- ENDO	
5	500D DATA	MC/IX, MUSE GATEWAY	KEY	1	LEGACY NETWORK	
6	677	MC/IX, ADU, DSS, TELE, RTLS	CODE	24,3	BLAKE 6, BIGELOW 6 (ADU)	
7	791	MC/IX, ADU, DSS	BADGE		BLAKE 7 MICU	
8	867	TELE	BADGE		BLAKE 8 CARDIA C ICU	
	TBD - UNDER CONST.	MC/IX, ADU, DSS,	BADGE		BLAKE 8 CARDIA C ICU	LOCATED OUTSIDE UNIT NEXT TO WAITING ROOM
9	DATA (RM 959)	MC/IX, DSS	KEY	1	BLAKE 9 CATH LAB HOLDING	DATA CLOSET INSIDE OF ROOM 959
10	1000M05	MC/IX, ADU, DSS	KEY	1	BLAKE 10 NICU	INSIDE WAITING ROOM NEXT TO 1097
12	1285	MC/IX, ADU, DSS, TELE	BADGE		BLAKE 12 ICU	
13	1399	MC/IX, ADU, DSS	BADGE		BLAKE 13 AND ELLISON 13 ADULT MONIOTRING	ELL13 NURSERIES SUPPORTED BY ELLSION 13 CLOSET
14	1477	OBTV, OBIX, MC/IX, ADU, DSS	BADGE		OBTV, OBIX FMDM & MOXAS, BLK14 GE	

GRAY/BIGELOW

FLOOR	ROOM	HARDWARE/SYSTEMS	ACCESS	KEY	UNIT/CARE AREA SUPPORTED	COMMENTS
2	247	MC/IX	KEY	11	INTERVENTIONAL RAD	DEVICE INTEGRATION ONLY, RACK IN CLOSET WITHIN ROOM 247
6	DATA	MC/IX, DSS	KEY	7	BIGELOW 6	ADU SIGNS SUPPORTED BY BLAKE 6
7	727A	MC/IX, ADU, DSS	BADGE		BIGELOW 7 ED OBS	
9	900M2	MC/IX, ADU, DSS, TELE	BADGE		BIGELOW 9 MED, BIGELOW 9 PSPU	
10	1008A	MC/IX, NANTHEALTH	BADGE		BIGELOW 10 DIALYSIS	
11	1100M2	MC/IX, ADU, DSS, TELE, RTLS	KEY	2	BIGELOW 11, BIGELOW 14 (ADU)	
12	1200D03	MC/IX, DSS, TELE, RTLS	BADGE		BIGELOW 12 ED OBS	ADU SIGNS SUPPORTED BY BIG 13
13	1300D05	MC/IX, ADU, DSS, TELE, RTLS	BADGE		BIGELOW 13 RACU, BIGELOW 12 (ADU)	
14	B-1435B DATA	MC/IX	KEY	1		ADU SIGNS SUPPORTED BY BIG 11
	RM 1420	DSS, TELE	BADGE			

PROTON THERAPY CENTER

FLOOR	ROOM	HARDWARE/SYSTEMS	ACCESS	KEY	UNIT/CARE AREA SUPPORTED	COMMENTS
00/PT	TEL-DATA 002	MC/IX	BADGE		HOLDING AREA	DEVICE INTEGRATION ONLY

NOTE: NOTIFY JARED RUCKMAN AND MIKE CUSACK FOR UPDATES OR CORRECTIONS.

LUNDER

FLOOR	ROOM	HARDWARE/SYSTEMS	ACCESS	KEY	UNIT/CARE AREA SUPPORTED	COMMENTS
LL3	LL300M03	LUNDER CORE SWITCH BACKUP	BADGE			
LL2	LL200M01	FUTURE USE	BADGE			
LL	LL000M43	LUNDER EA, MGH MUSE GATEWAY3 (VLAN 20), LUNDER CORE SWITCH	BADGE			
1	100D01	MC/IX, ADU, DSS, TELE	BADGE		ED ACUTE	
	100M11	FUTURE USE	BADGE			
6	600M41	MC/IX, ADU, DSS, TELE	BADGE		LUN 6 NEURO ICU - GREEN/SOUTH SIDE	
	600M80	MC/IX, ADU, DSS, TELE	BADGE		LUN 6 NEURO ICU - YELLOW/NORTH SIDE	
7	700M41	MC/IX, ADU, DSS, TELE	BADGE		LUN 7 NEURO - GREEN/SOUTH SIDE	
	700M80	MC/IX, ADU, DSS, TELE	BADGE		LUN 7 NEURO - YELLOW/NORTH SIDE	
8	800M41	MC/IX, ADU, DSS, TELE	BADGE		LUN 8 NEURO - GREEN/SOUTH SIDE	
	800M80	MC/IX, ADU, DSS, TELE	BADGE		LUN 8 NEURO - YELLOW/NORTH SIDE	
9	900M41	MC/IX, ADU, DSS, TELE	BADGE		LUN 9 ONC - GREEN/SOUTH SIDE	
	900M80	MC/IX, ADU, DSS, TELE	BADGE		LUN 9 ONC - YELLOW/NORTH SIDE	
10	1000M41	MC/IX, ADU, DSS, TELE	BADGE		LUN 10 HEM/ONC - GREEN/SOUTH SIDE	
	1000M80	MC/IX, ADU, DSS, TELE	BADGE		LUN 10 HEM/ONC - YELLOW/NORTH SIDE	

COX

FLOOR	ROOM	HARDWARE/SYSTEMS	ACCESS	KEY	UNIT/CARE AREA SUPPORTED	COMMENTS
LL	LL027	MC/IX	BADGE		BIOMED SHOP, RAD ONC	RAD ONC HAS DEDICATED MC/IX SWITCHES

YAWKEY

FLOOR	ROOM	HARDWARE/SYSTEMS	ACCESS	KEY	UNIT/CARE AREA SUPPORTED	COMMENTS
P1	P100M06 (DATA SWITCH ROOM)	FIBER IDF - YCP1B	BADGE			FIBER PATCH PANELS CONNECTING YCP1B TO BLK14, BLK5 AND BLKSB
3	300D40 (TEL-DATA C)	FIBER IDF	KEY	3		FIBER PATCH PANELS CONNECTING TO YCP1B
4	400D40 (TEL-DATA C)	OBIX MOXA	KEY	3	YAWKEY 4F OB (NST CLINIC)	
8	800D80 (TEL-DATA B)	MC/IX, ADU, DSS	KEY	3	YAWKEY 8 PEDI HEM/ONC	
9	900D80 (TEL-DATA B)	MC/IX	KEY	3	YAWKEY 9E HEM/ONC	
10	1000D80 (TEL-DATA B)	MC/IX, ADU, DSS	KEY	3	YAWKEY 10A	

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23			ELLISON	MECHANICAL						
22				GENERAL SURGICAL						
21				GENERAL MEDICINE						
20				GYN/GENERAL SURG						
19				THORACIC/VASCULAR						
18				PEDIATRICALS						
17				PEDIATRICALS		GRAY/BIGELOW	WHITE			
16				GENERAL MEDICINE	BLAKE	MECHANICAL	MECHANICAL			
15				MECHANICAL	ADMIN	MECHANICAL	MECHANICAL			
14				BURN ICU/PLASTICS	LABOR & DELIVERY (OB)	GENERAL MEDICINE	COMMUNICATIONS/HR			
13				NURSERY ANTE-PARTUM	POSTPARTUM	RESP. ACUTE CARE (RACU)	ED OBS (TEMP)			
12				MEDICAL	MEDICAL/SURGICAL ICU	ED OBS	RESEARCH CENTER		CPZ EAST 165 Cambridge	
11		YAWKEY	LUNDER	CARDIAC ACCESS UNIT (CAU)	PSYCHIATRY	GENERAL MEDICINE	GENERAL MEDICINE	WANG		
10		IN-VITRO FERTILIZATION	MEDICAL ONCOLOGY	CARDIAC STEP DOWN UNIT	NEWBORN ICU (NICU)	DIALYSIS	GENERAL MEDICINE	MECHANICAL	OUTPATIENT ENDO	
9	COX	HEM/ONC	MEDICAL ONCOLOGY	CARDIAC CARE UNIT (CCU)	CARDIAC CATH LAB	GENERAL MEDICINE/PSPU	GENERAL MEDICINE	NEUROLOGY	NERUOPATHY, SENIOR HEALTH	
8	RADIATION ONCOLOGY	PEDI HEM/ONC	NEUROLOGY	CARDIAC SURGICAL STEP DOWN	CARDIAC SURGICAL ICU	CARDIOLOGY	GENERAL MEDICINE	ENDOCRINE		
7	RADIATION ONCOLOGY	ONCOLOGY	NEUROLOGY	SURGICAL/TRACU	MEDICAL ICU (MICU)	ED OBSERVATION	GENERAL SURGERY	INTERNAL MEDICINE		
6	CARDIAC SURG ASSOCIATES	PEDIATRICALS	NEURO ICU	ORTHOPEDICS/UROLOGY	TRANSPLANT ICU	PEDIATRIC ICU (PICU)	ORTHOPEDICS	BULFINCH MEDICAL GROUP/UROLOGY	BEACON HILL, EXEC HEALTH, CAPD	
5	INFECTIOUS DISEASE & GID	CARDIOLOGY	MECHANICAL	MECHANICAL	MECHANICAL	MECHANICAL/LABS	OR ADMIN	PLASTIC SURG/VASCULAR SURG	MGH DENTAL, OCC HEALTH, NUTRITION	
4	RADIATION ONCOLOGY	WOMEN'S HEALTH	PERI-OP/OR	SURGICAL ICU (SICU)	ENDOSCOPY	OR ADMIN	OR ADMIN	SAME DAY SURGERY	TRANSPLANT CLINIC	
3	RADIATION ONCOLOGY	ORTHOPEDICS	PERI-OP/OR	PACU	OPERATING ROOMS	OPERATING ROOMS	PACU	IMAGING (X-RAY, BREAST ONC)		
2	PULMONARY/ALLERGY	ORTHOPEDICS	PERI-OP/OR	IMAGING (CT, RICA)	IMAGING (CARD ECHO, NUC CARD)	IMAGING (NEURO, VASCULAR)	IMAGING (NUC MED, ULTRASOUND)	MEDICAL WALK-IN/PHYSICAL THERAPY	LOBBY	
1	ONCOLOGY INFUSION	PROTON CENTER	EMERGENCY DEPT (ACUTE)	EMERGENCY DEPT (URGENT)	PUBLIC CORRIDOR	EP LAB	ED (PEDI, CDU, FAST TRACK)	NEUROSURGERY CLINIC		
B1	RADIATION ONCOLOGY	PROTON CENTER	SHIPPING/RECEIVING	DIETARY ADMIN	DIETARY ADMIN	PHARMACY	EAT STREET CAFE			
B2			CSPS	MECHANICAL	MECHANICAL	MECHANICAL	MECHANICAL			
B3			RADIATION ONCOLOGY							
B4			RADIATION ONCOLOGY							

KEY

- VLAN 20, 30, 100
- VLAN 21, 30, 100
- VLAN 22, 30, 100
- LEGACY
- OUT OF SCOPE/OFF NETWORK

GE NETWORK VLAN ASSIGNMENTS CURRENT STATE