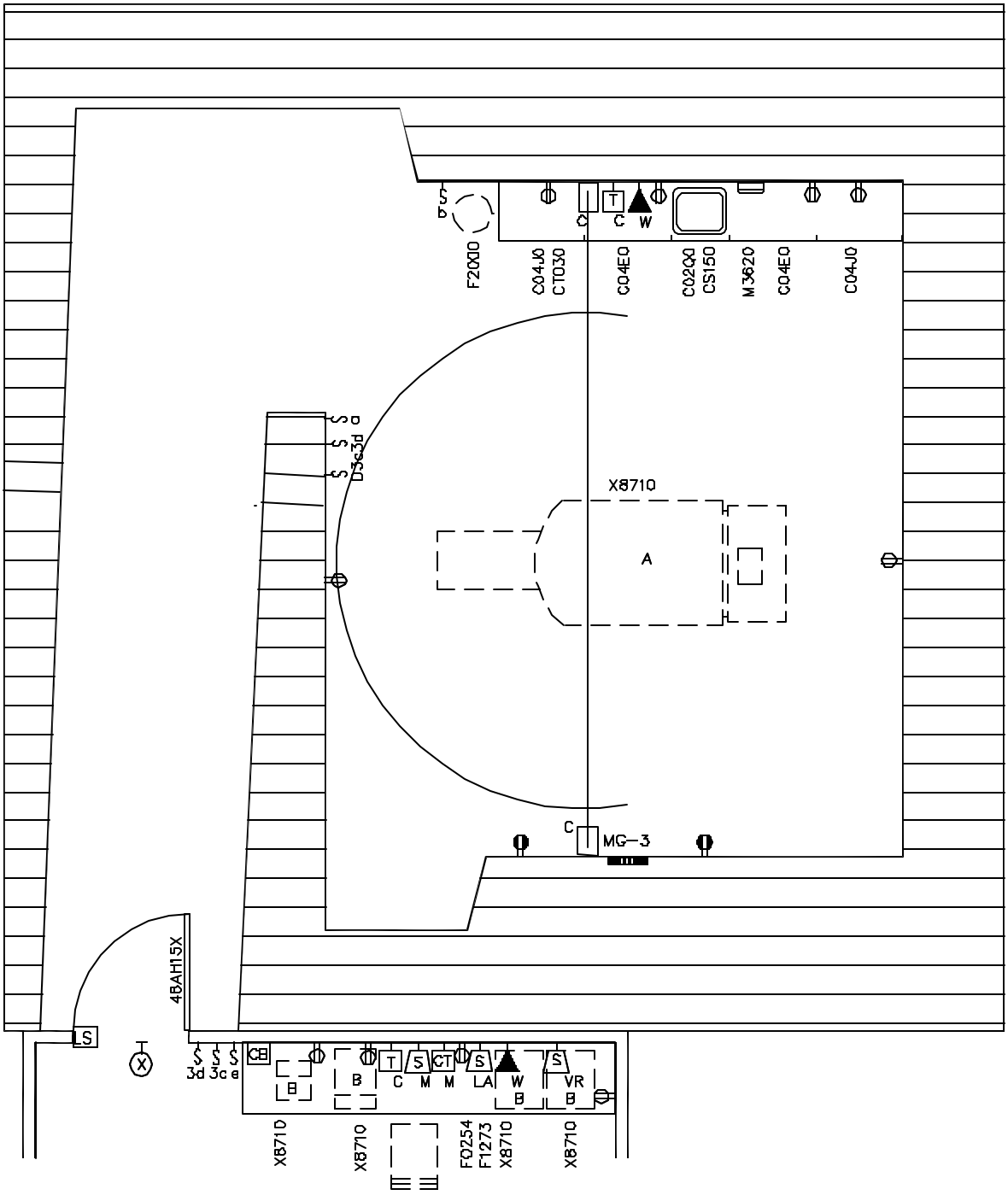
Floor Plan

2.03.01C
Linear Accelerator



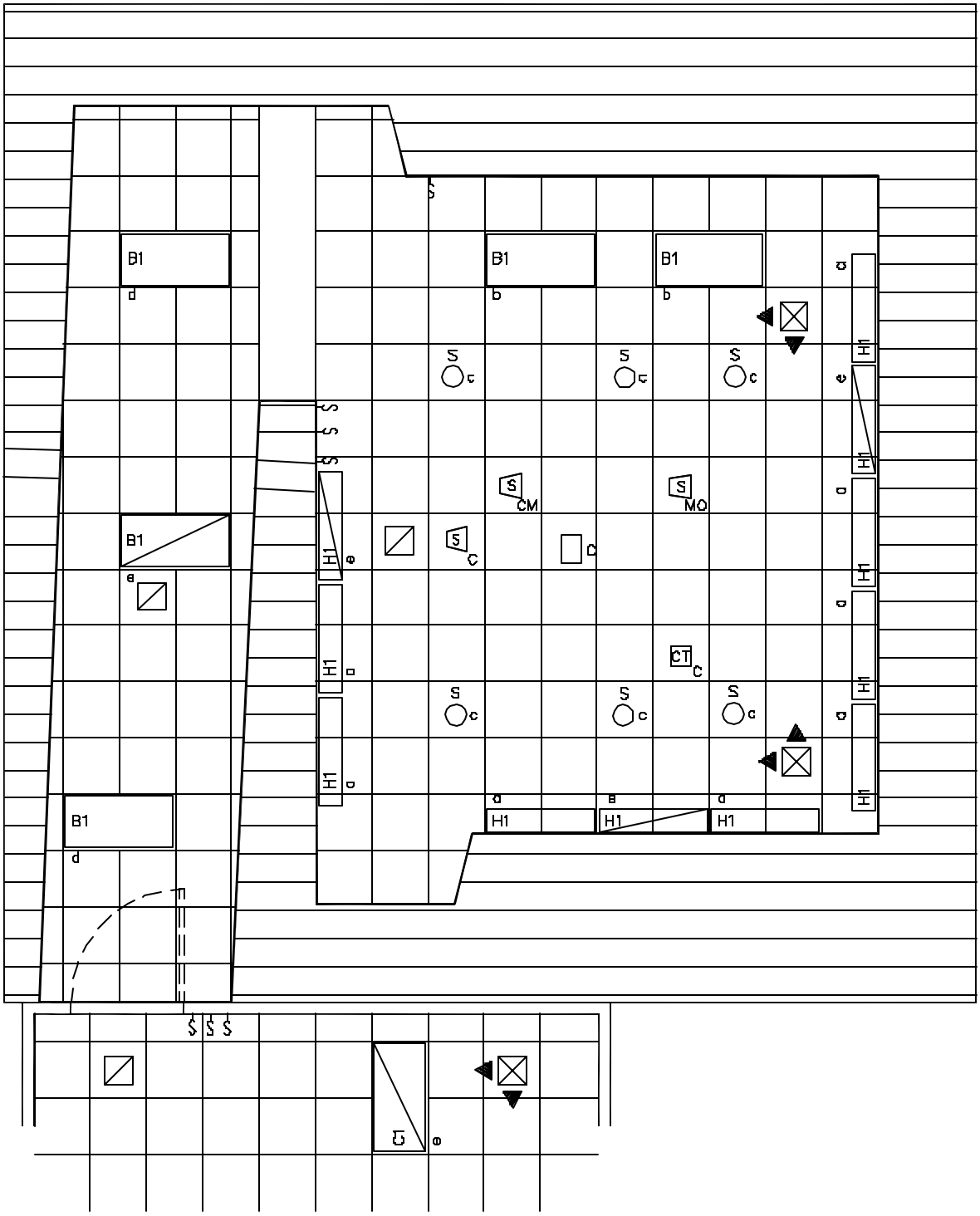
0' 1' 2' 4' 8' 12'

Graphic Scale 3/16"= 1'-0"

JULY 1988

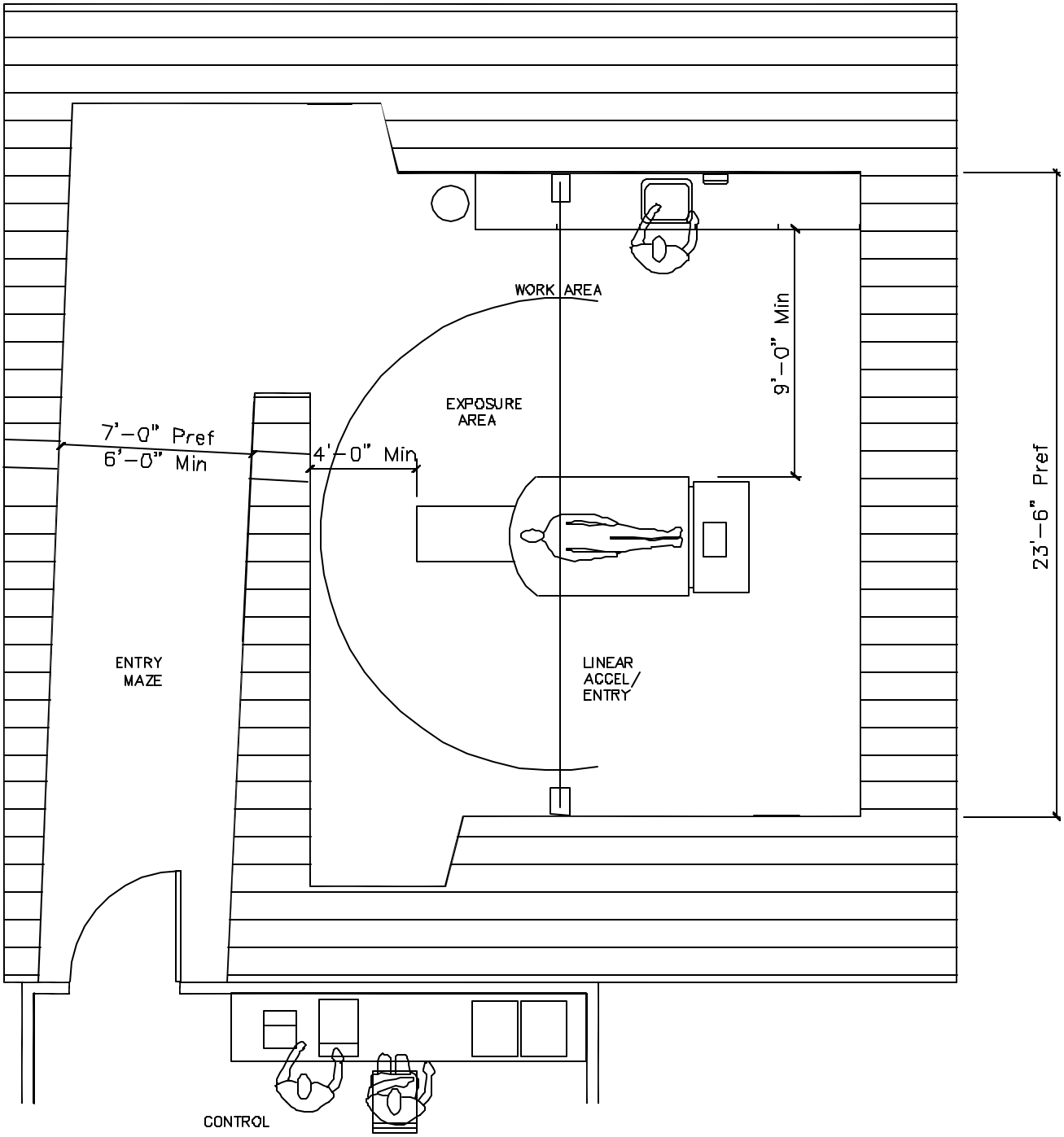
Reflected Ceiling Plan

2.03.01D
Linear Accelerator


B1
B1
B1
B1
B1
S
S
S
S
CM
S
MO
S
C
D
CT
C
S
S
S
H1
H1
H1

Functional Diagram

2.03.01B
Linear Accelerator



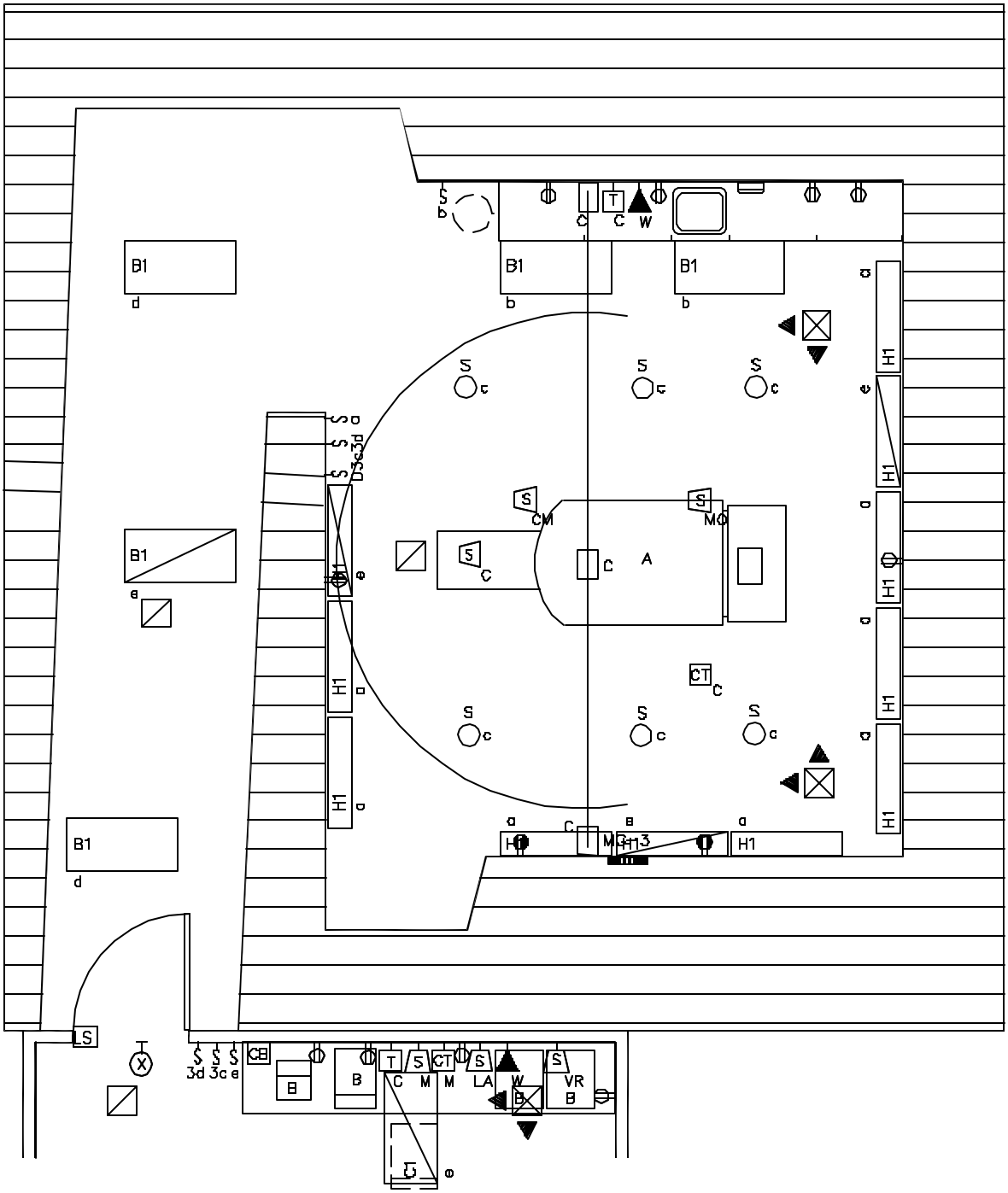
0' 1' 2' 4' 8' 12'

Graphic Scale 3/16"= 1'-0"

JULY 1988

Composite Plan

2.03.01E
Linear Accelerator



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0' 1' 2' 4' 8' 12'

Graphic Scale 3/16"= 1'-0"

Matrix Data

2.03.01A
Linear Accelerator

ARCHITECTURAL/ACOUSTICS

Square Foot Area Net	–	(1) Accelerator – 600 (2) Control – 130 (3) Entry Maze – 140
Finishes – Walls	–	(1) GW (2) GW (3) GW
– Base	–	(1) R (2) R (3) R
– Floor	–	(1) VCT (2) VCT (3) VCT
– Ceiling	–	(1) ACT (2) ACT (3) ACT
Ceiling Ht	–	(1) 10'–0" (2) 8'–0" (3) 10'–0"
Door Size & Type	–	(3) 48AX
Hardware Set	–	(3) H15
Ambient Noise Level	–	(1) NC 30–35 (2) – (3) NC 30–35
Speech Privacy Level	–	(1) Normal (2) – (3) Normal
Architectural Notes	–	(1) 30 ref pp 5–6

ELECTRICAL

Ambient Illum (FC)	–	(1) 0–10 (2) 30 (3) 30
Task Illum (FC)	–	(1) – (2) – (3) –
Luminare Type	–	(1) B1,H1,S (2) C1,X (3) B1
Switching	–	(1) Dim & Std–by Area (2) Std (3) Std
Electrical Notes	–	17,18,26 ref pp 20–23

MECHANICAL

Total Air Changes	–	(1) 6 (2) 4 (3) 6
Outside Air Changes	–	(1) 1.5 (2) 1.0 (3) 1.5
Room Pressure(%)	–	(1) 0 (2) 0 (3) 0
Temperature (F)	–	(1) Sum 78 Win 70 (2) Sum 78 Win 70 (3) Sum 78 Win 70
Relative Hum(%)	–	(1) 30–60 (2) 30–60 (3) 30–60
Exhaust Air	–	(1) No (2) No (3) No
Return Air	–	(1) Yes (2) Yes (3) Yes
Filtration(%)	–	(1) 25,0,0 (2) 25,0,0 (3) 25,0,0
Mechanical Notes	–	

MECHANICAL PIPING

				Qty
Cold Water	–	Yes		
Hot Water	–	Yes		
Treated Water	–	No	MG–3	– 1
Chilled Water	–	Yes		
Waste/Vent	–	Yes		
Floor Drain	–	No		
Steam	–	No		
Condensate	–	No		
Piping Notes	–			

EQUIPMENT PROGRAM

J.S.N. Code	Nomenclature	Qty	Log Cat
C02Q0	Cabinet, U/C, Sink	1	A
C04E0	Cabinet, U/C, Base	2	A
C04J0	Cabinet, U/C, Base	2	A
CS150	Sink, SS, Counter	1	A
CT030	Counter Top – P.L.	1	A
F0224	Reception Counter	1	A
M3620	Dispenser, Paper Towel	1	A
F0254	Chair, Secretarial	1	C
F1273	Counter, Central Monitor	1	C
F2000	Waste Receptacle, Off	1	C
X8710	Linear Accelerator–6mev	1	F
	A. Accelerator		
	B. Control Console		
	C. Laser Positioning Equipment		
	D. Radiation Detection System		

COMMUNICATION PROGRAM

Commo Code	Nomenclature	Qty	Log Cat
CT00C	Camera Ceiling Outlet	1	A
CT00M	Monitor Outlet	1	A
PA00C	Ceiling Speaker	1	A
PA00M	Desk Microphone	1	A
PA0CM	Microphone, Ceiling Mounted	1	A
PA0LA	Local Amplifier	1	A
PA0M0	Ceiling Speaker–Music Only	1	A
PA0VR	Volume Control w/ By–Pass Relay	1	A
TL00W	Wall Outlet–54" AFF	2	A
TS00C	Counter Outlet–6" Above	2	A
TS00D	Wall Outlet–18" AFF	1	A

2.03.01A2
Linear Accelerator

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