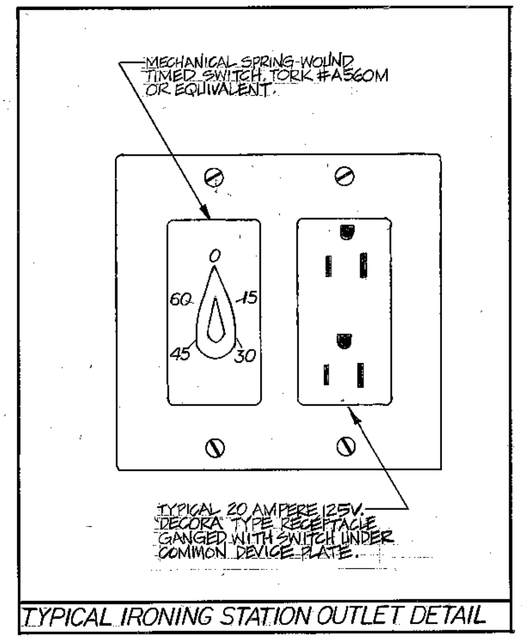
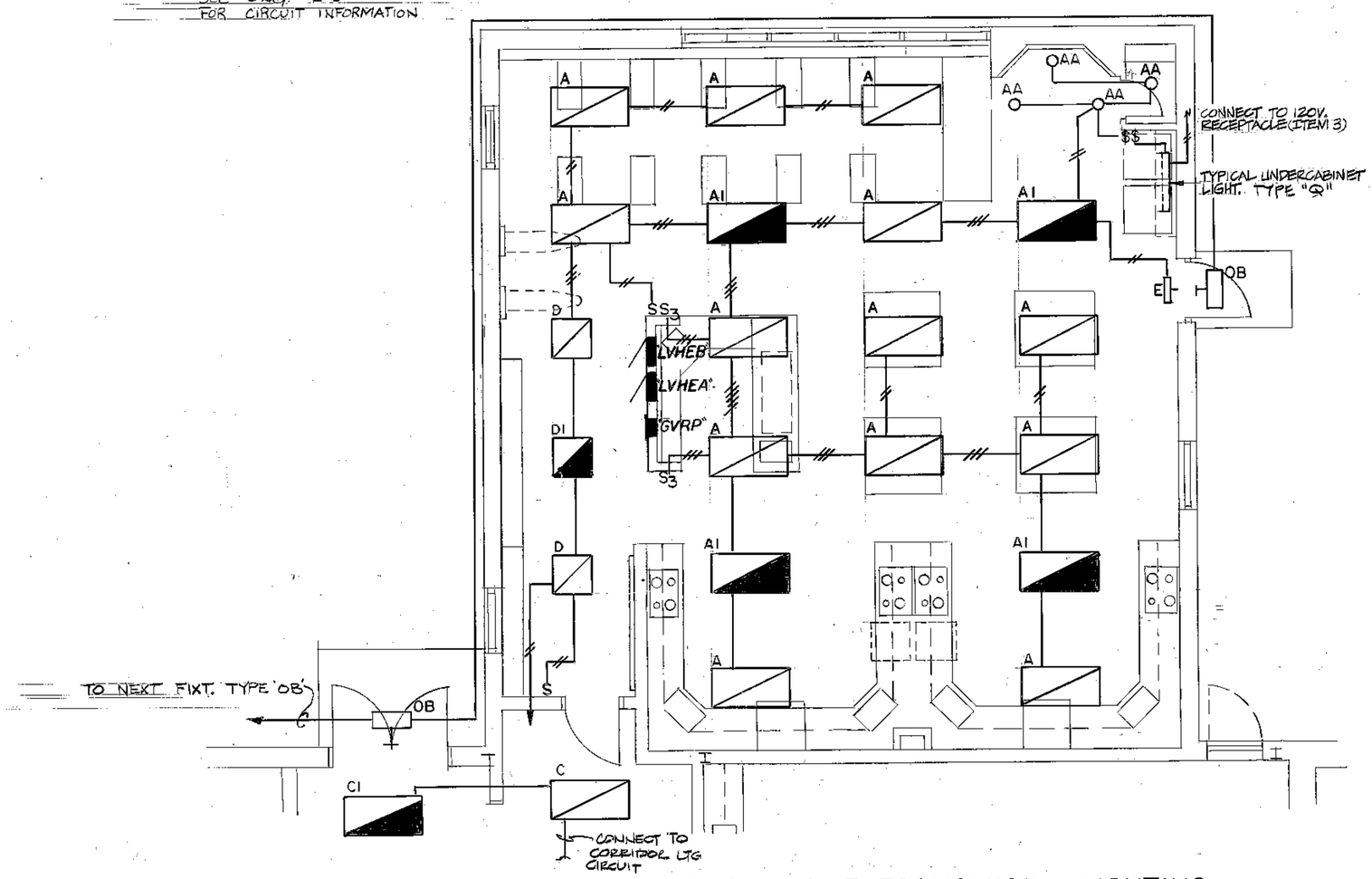


TYPICAL IRONING STATION OUTLET DETAIL

PART PLAN: HOME ECONOMICS - POWER

SCALE: 1/4"=1'-0"



PART PLAN: HOME ECONOMICS - LIGHTING

SCALE: 1/4"=1'-0"

HOME ECONOMICS ROOM EQUIPMENT CONNECTION SCHEDULE

ITEM	EQUIPMENT	SERVICE VOLTS	SERVICE PHASE	LOAD	CONNECTION NEMA RECEPT.	CONNECTION DISC. SWITCH	CONNECTION DIRECT	CIR. BRKR. LVHEA	CIR. BRKR. LVHEB	BRANCH CIRC. & CONDUIT	REMARKS
1	FLUSH FLOOR BOX AMERICAN ELECTRIC #S-6W-1-GROUNDED	120V.	1Ø	600W.	5-20R	—	—	—	20A.-1P.	2-#12 & 1-#12G.-3/4"C.	RUN IN FLOOR SLAB
2	FLUSH FLOOR BOX AMERICAN ELECTRIC #S-6W-1-GROUNDED	120V.	1Ø	300W.	5-20R	—	—	—	20A.-1P.	2-#12 & 1-#12G.-3/4"C.	RUN IN FLOOR SLAB
3	WASHER	120V.	1Ø	600W.	5-20R	—	—	20A.-1P.	—	2-#12 & 1-#12G.-3/4"C.	MOUNT 24" AFF
4	DRYER	208V.	1Ø	5000W.	6-30R	—	—	30A.-2P	—	2-#10 & 1-#12G.-3/4"C.	MOUNT 24" AFF
5	IRON STATION	120V.	1Ø	1200W.	5-20R	TIMED SWITCH	—	—	20A.-1P.	2-#12 & 1-#12G.-3/4"C.	MOUNT 48" AFF REFER TO DETAIL
6	IRON STATION	120V.	1Ø	1200W.	5-20R	TIMED SWITCH	—	—	20A.-1P.	2-#12 & 1-#12G.-3/4"C.	MOUNT 48" AFF REFER TO DETAIL
7	COMPUTER STATION	120V.	1Ø	400W.	5-20R	—	—	20A.-1P.	—	2-#12 & 1-#12G.-3/4"C.	MOUNT 38" AFF
8	GENERAL PURPOSE RECEPTACLE	120V.	1Ø	600W.	5-20R GFCI	—	—	—	20A.-1P.	2-#12 & 1-#12G.-3/4"C.	MOUNT FLUSH IN CASEWORK 38" AFF
9	GENERAL PURPOSE RECEPTACLE	120V.	1Ø	600W.	5-20R	—	—	20A.-1P.	—	2-#12 & 1-#12G.-3/4"C.	MOUNT 36" AFF
10	GENERAL PURPOSE RECEPTACLE	120V.	1Ø	—	5-20R GFCI	—	—	—	—	2-#12 & 1-#12G.-3/4"C.	FED FROM ITEM 9 MOUNT 38" AFF
11	GENERAL PURPOSE RECEPTACLE	120V.	1Ø	600W.	5-20R GFCI	—	—	—	20A.-1P.	2-#12 & 1-#12G.-3/4"C.	MOUNT 44" AFF
12	GENERAL PURPOSE RECEPTACLE	120V.	1Ø	—	5-20R GFCI	—	—	—	—	2-#12 & 1-#12G.-3/4"C.	FED FROM ITEMS 11, 18, 23 MOUNT FLUSH IN CASEWORK
13	RANGE EXHAUST HOOD	120V.	1Ø	—	—	—	X	—	—	2-#12 & 1-#12G.-3/4"C.	FED FROM ITEMS 11, 20, 26
14	ELECTRIC RANGE	120/208V.	1Ø	8000W.	10-50R	—	—	—	50A.-2P.	3-#6 & 1-#8G.-1"C.	MOUNT 24" AFF
15	GENERAL PURPOSE RECEPTACLE	120V.	1Ø	600W.	5-20R GFCI	—	—	—	20A.-1P.	2-#12 & 1-#12G.-3/4"C.	MOUNT 44" AFF
16	GENERAL PURPOSE RECEPTACLE	120V.	1Ø	—	5-20R GFCI	—	—	—	—	2-#12 & 1-#12G.-3/4"C.	FED FROM ITEM 15, MOUNT FLUSH IN CASEWORK
17	GARBAGE DISPOSAL	120V.	1Ø	—	—	SINGLE POLE MOTOR RATED	X	—	—	2-#12 & 1-#12G.-3/4"C.	FED FROM ITEM 16, 20, 24 MOUNT WITHIN CASEWORK
18	GENERAL PURPOSE RECEPTACLE	120V.	1Ø	600W.	5-20R GFCI	—	X	—	20A.-1P.	2-#12 & 1-#12G.-3/4"C.	MOUNT 44" AFF
19	REFRIGERATOR	120V.	1Ø	800W.	5-20R	—	—	20A.-1P.	—	2-#12 & 1-#12G.-3/4"C.	MOUNT 36" AFF
20	GENERAL PURPOSE RECEPTACLE	120V.	1Ø	600W.	5-20R GFCI	—	—	—	20A.-1P. (2)	2-#12 & 1-#12G.-3/4"C.	MOUNT 44" AFF
21	DISHWASHER	120V.	1Ø	1200W.	—	—	X	20A.-1P.	—	2-#12 & 1-#12G.-3/4"C.	RUN WITHIN CASEWORK
22	DISHWASHER	120V.	1Ø	1200W.	—	—	X	20A.-1P.	—	2-#12 & 1-#12G.-3/4"C.	RUN WITHIN CASEWORK
23	GAS RANGE CONTROL & PILOT POWER	120V.	1Ø	50W.	5-20R	—	—	20A.-1P.	—	2-#12 & 1-#12G.-3/4"C.	RUN WITHIN CASEWORK
24	GENERAL PURPOSE RECEPTACLE	120V.	1Ø	600W.	5-20R GFCI	—	—	—	20A.-1P.	2-#12 & 1-#12G.-3/4"C.	MOUNT 44" AFF
25	REFRIGERATOR	120V.	1Ø	800W.	5-20R	—	—	20A.-1P.	—	2-#12 & 1-#12G.-3/4"C.	MOUNT 36" AFF
26	GENERAL PURPOSE RECEPTACLE	120V.	1Ø	600W.	5-20R GFCI	—	—	—	20A.-1P.	2-#12 & 1-#12G.-3/4"C.	MOUNT 44" AFF
27	ELECTRIC RANGE	120/208V.	1Ø	8000W.	10-50R	—	—	—	50A.-2P.	3-#6 & 1-#8G.-1"C.	MOUNT 24" AFF
28	GARBAGE DISPOSAL	120V.	1Ø	—	—	SINGLE POLE MOTOR RATED	X	—	—	2-#12 & 1-#12G.-3/4"C.	MOUNT SWITCH FLUSH IN CASEWORK 38" AFF
29	GAS VALVE RELAY PNL.	120V.	1Ø	100W.	—	—	X	—	20A.-1P.	2-#12 & 1-#12G.-3/4"C.	SEE DWG. E-9

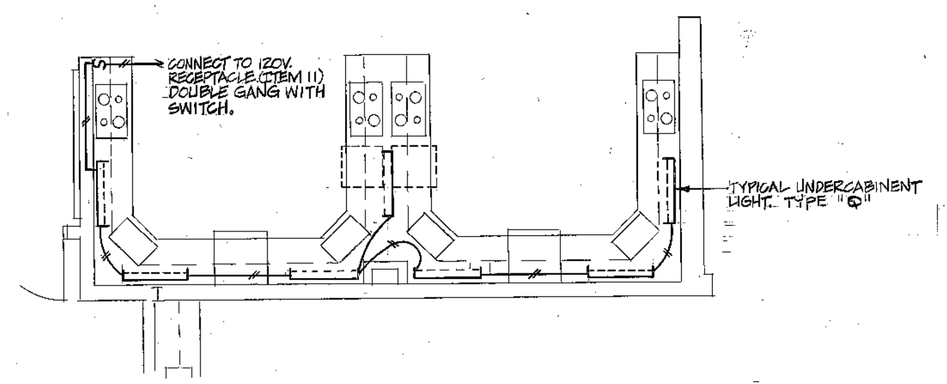
NOTES:

A. SLASH MARKS INDICATE QUANTITY OF #12 AWG CONDUCTORS IN 3/4" CONDUIT (MINIMUM).

B. ALL FEEDER AND BRANCH CIRCUIT WIRING SHALL CONTAIN A SEPARATE GREEN, INSULATED EQUIPMENT GROUNDING CONDUCTOR #12 AWG (MINIMUM).

C. ALL FEEDER AND BRANCH CIRCUIT WIRING SHALL BE CONCEALED WHEREVER PRACTICABLE. ALL ENCLOSURES AND BOXES SHALL BE FLUSH-MOUNTED WHEREVER POSSIBLE.

D. ALL RECEPTACLES, BOXES, SWITCHES, FLEXIBLE CONNECTIONS ETC. SHALL BE FURNISHED AND INSTALLED UNDER DIVISION 16. EXACT LOCATIONS, MOUNTING HEIGHTS, ELECTRICAL CHARACTERISTICS SHALL BE VERIFIED AND COORDINATED WITH THE EQUIPMENT PROVIDED.



PART PLAN: HOME ECONOMICS - LIGHTING

SCALE: 1/4"=1'-0"

NOTE:
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REVISIONS

NO	DATE	DESCRIPTION

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PROJECT NUMBER 2155

PROJECT TITLE
ALTERATIONS AND ADDITIONS TO:
BOLTON ELEMENTARY SCHOOL
NOTCH ROAD
BOLTON, CONNECTICUT

NORTH

DRAWING TITLE
HOME ECONOMICS ELECTRICAL ALTERNATE #1

SCALE: AS NOTED
DATE: 8/17/92

E-8

DRAWING 81 OF 89