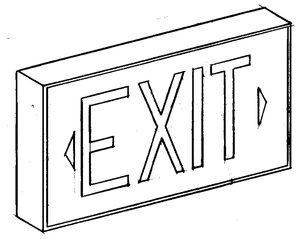
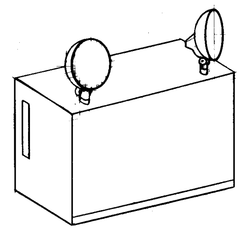


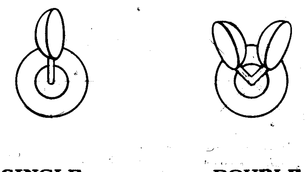
DETAIL TYPICAL EXIT LIGHT

HOUSING AND CANOPY:	DIE CAST ALUMINUM; 1/8" MINIMUM THICKNESS
DOOR FRAME:	HINGED WITH LATCH; MINIMUM 1/8" THICK DIE CAST ALUMINUM
FINISH:	SATIN OR BRUSHED ALUMINUM
INSCRIPTION PANEL (S):	DIE CAST ALUMINUM STENSIL FACE; MINIMUM 1/8" THICK BACKED WITH RED ACRYLIC PANEL.
DOWN LIGHT:	APERTURE IN HOUSING BOTTOM BACKED WITH OPAL DIFFUSING PANEL.
LAMPS:	2 - 20 WATT, T-6 1/2 INCANDESCENT WITH MINIMUM OF 40000 HOURS LIFE (120 VOLT OPERATION). 2 - BAYONET BASE DC LAMPS (12 VOLT EMERGENCY LIGHTING)
NOTE:	FIXTURES TO BE WIRED FOR 120 VOLT NORMAL SERVICE AND 12 VOLT EMERGENCY SERVICE. PROVIDE ALL NECESSARY WIRES, CONDUIT AND WIRING DEVICES AS REQUIRED FOR A COMPLETE INSTALLATION.



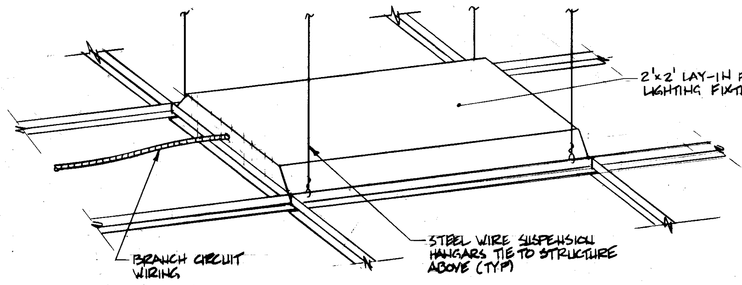
DETAIL TYPICAL BATTERY PACK

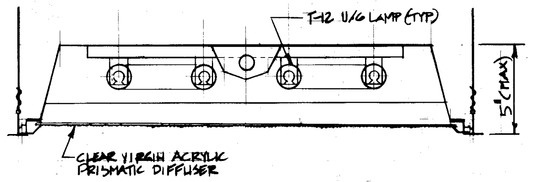
HOUSING:	20 GAUGE STEEL.
FINISH:	BEIGE BAKED ENAMEL WITH REMOVABLE WOODGRAIN FINISH FRONT PANEL.
BATTERY:	SEALED NICKEL CADMIUM 12 VOLT SUFFICIENT TO MAINTAIN ILLUMINATION OF 2 CABINET HEADS AND ALL REMOTE HEADS AS SHOWN FOR 1 1/2 HOURS.
CHARGER:	CURRENT LIMITED, TEMPERATURE COMPENSATED SHORT CIRCUIT PROOF AND REVERSE POLARITY PROTECTED, CAPABLE OF FULL RECHARGE.
TRANSFER	PROVIDE DUST-TIGHT AUTOMATIC RELAY TO INSTANTANEOUSLY ENERGIZE LAMP LOAD UPON FAILURE OF AC POWER.
LIGHTING:	LIGHTING HEADS TO BE CONSTRUCTED OF IMPACT RESISTANT, FLAME RETARDANT POLYCARBONATE MATERIAL. PROVIDE 2 - 9 WATT HIGH INTENSITY TUNGSTEN LAMPS. PROVIDE FUSED OUTPUT TERMINALS FOR REMOTE LAMP INSTALLATION.



DETAIL TYPICAL REMOTE HEADS

HOUSING:	LIGHTING HEADS TO BE CONSTRUCTED OF IMPACT RESISTANT FLAME RETARDANT POLYCARBONATE MATERIAL.
LAMPS:	9 WATT HIGH INTENSITY TUNGSTEN FLOOD LAMPS
MOUNTING:	WALL SURFACE. PROVIDE ALUMINUM escutcheons
NOTES:	PROVIDE WIRING DEVICES, WIRING, AND CONDUIT AS REQUIRED FOR A COMPLETE INSTALLATION.



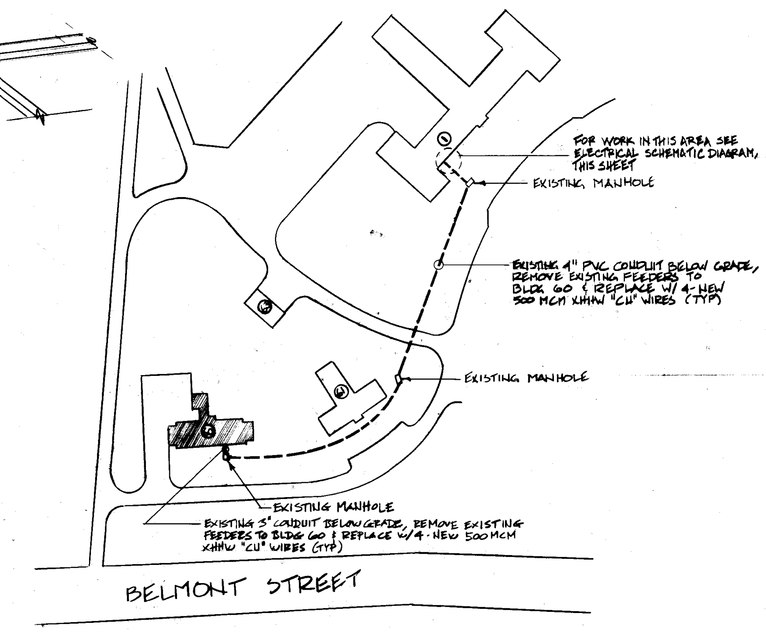


NOTE: SEE REFLECTED C/S DWG FOR LOCATIONS

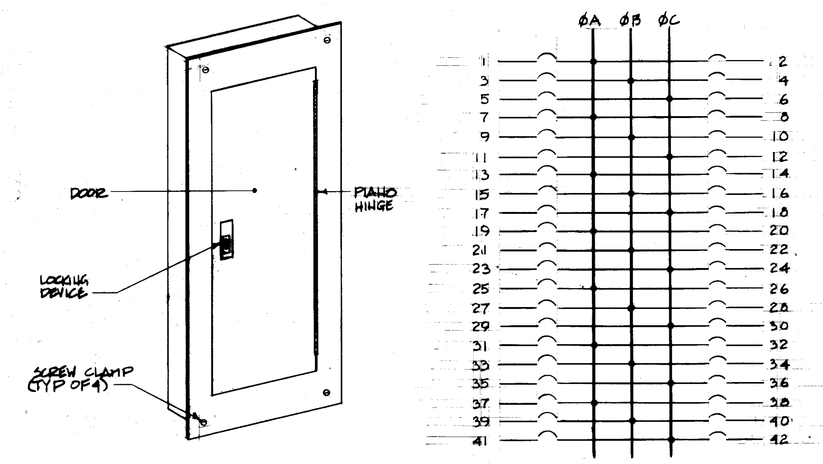
DETAIL TYPICAL 2' X 2' LIGHTING FIXTURE IN SUSPENDED CEILING

HOUSING:	18 GAGUE COLD ROLLED STEEL, DIE EMBOSSED FOR STRENGTH AND RIGIDITY. PROVIDE ACCESS OPENING FOR QUICK WIRING WITH COVER PLATE SECURED BY A SINGLE SCREW FOR POSITIVE GROUNDING
HINGES:	TYPE "T" 18 GAUGE COLD ROLLED STEEL CONCEALED WHEN FRAME IS CLOSED
LATCHES:	PIVOT TYPE AND PROVIDE POSITIVE LATCHING WHEN FRAME IS CLOSED.
END PLATES:	DIE FORMED 18 GAUGE COLD ROLLED STEEL. PROVIDE LANCED LOOPS FOR SUPLEMENTARY SUSPENSION OF LIGHT FIXTURE.
DIFFUSER FRAME:	EXTRUDED ANODIZED ALUMINUM IN RECESSED CONFIGURATION WITH MITERED CORNERS. TO BE SO CONSTRUCTED SUCH THAT HINGES AND LATCHES ARE INTEGRAL WITH DIFFUSER FRAME.
FINISH:	BAKED WHITE ENAMEL WITH MINIMUM REFLECTANCE RATING OF 88%.
DIFFUSER:	ACRYLIC PRISMATIC PLASTIC
BALLAST	CLASS "P", HIGH POWER FACTOR, RAPID START, CBM-ETL CERTIFIED
LAMPS:	2-40 WATT, T-12 1/6 FLOURESCENT SOFT WHITE WITH A MINIMUM 10000 HOUR LIFE

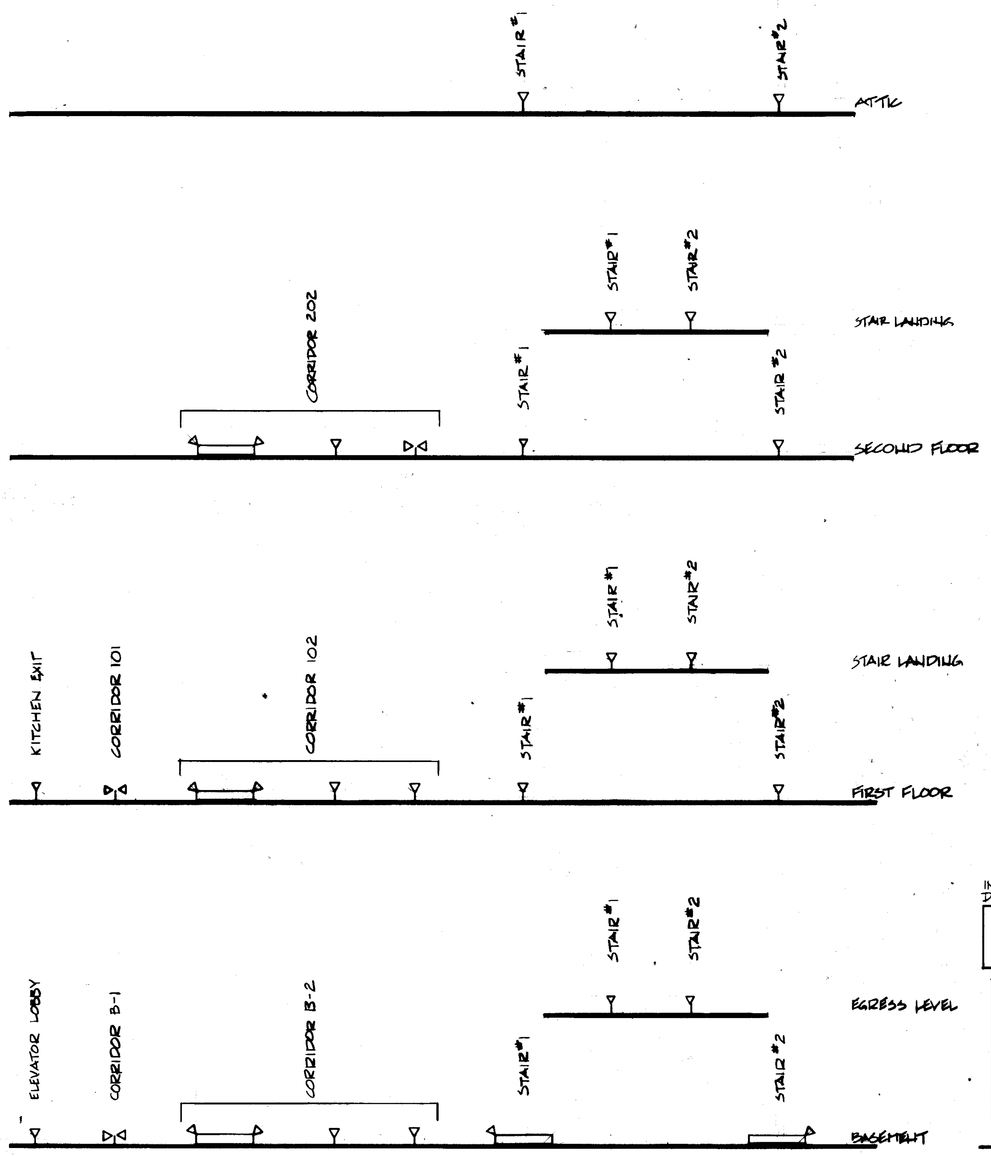
NOTE: FOR DETAILS OF SECOND FLR. SURFACE MOUNTED LIGHTING FIXTURES SEE SHEET E-2



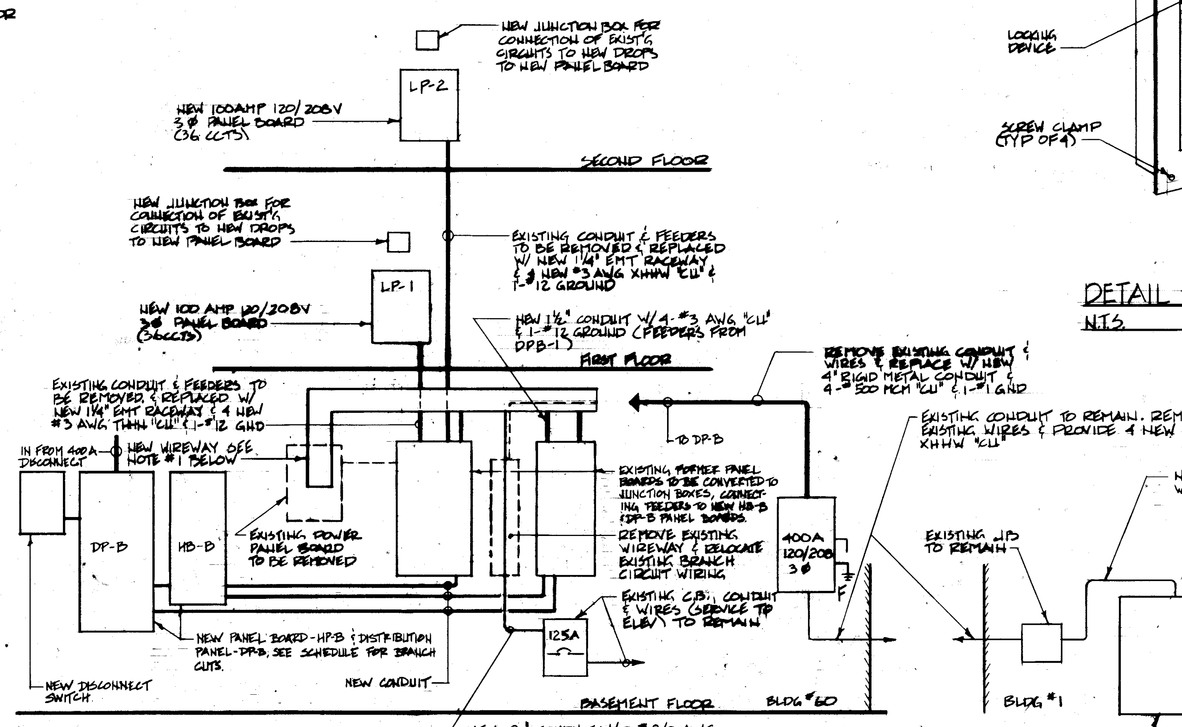
ELECTRICAL SITE PLAN
N.T.S.



DETAIL - TYPICAL 42 CIRCUIT PANELBOARD
N.T.S.



EMERGENCY LIGHTING SCHEMATIC
N.T.S.



ELECTRICAL SCHEMATIC DIAGRAM
N.T.S.

NOTES: 1) NEW WIREWAY TO BE SIZED BY ELECTRICAL CONTRACTOR TO FIT FIELD CONDITIONS. WIREWAY TO ENCLOSE NEW FEEDERS FROM 400A D.S., NEW FEEDERS TO LP-1 & LP-2, & ALL BRANCH CIRCUIT WIRING FROM DP-B & HP-B. CONTRACTOR TO PROVIDE ALL NECESSARY WIRING EXTENSIONS FOR EXISTING BRANCH CIRCUITS REQUIRED TO RECONNECT SAME TO NEW PANELBOARDS. WIRE SIZES TO MATCH EXISTING, INSULATION TO BE THHN

NO	DATE	DESCRIPTION
		REVISIONS

REVIEW AND APPROVAL

DIRECTOR

ASSISTANT DIRECTOR

SERVICE CHIEF

CHIEF ENGINEERING SERV.

PROJECT ENGINEER

DRAWING TITLE: ELECTRICAL SCHEMATICS		
BLDG. NO: 60	PROJECT TITLE: RENOVATIONS TO BLDG #60	
DESIGNED	DRAWN	SCALE: 1/4"=1'-0"
CHECKED	DATE	DRAWING NO: E-01
940 BELMONT ST. BROCKTON, MA. 02401		PROJECT NO

VETERANS ADMINISTRATION MEDICAL CENTER