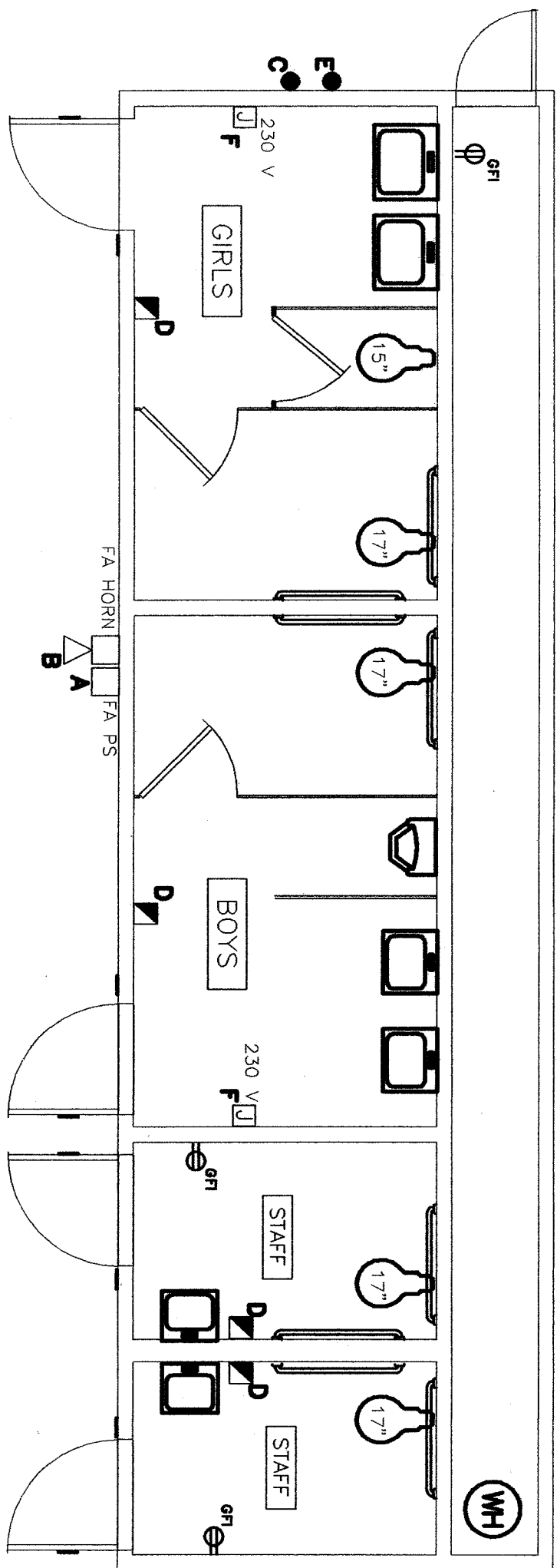


STANDARD ELECTRICAL SYMBOLS



- BUILDING ELECTRICAL & FIRE ALARM STANDARDS:**
1. All electrical wiring shall be in E.M.T. No romex wire shall be allowed.
 2. All junction boxes for the fire alarm system components shall be 4/s
 3. All conduits from 1/2" stub to junction boxes for fire alarm components shall be 3/4" E.M.T.
 4. Student restrooms shall have keypad switches.
 5. Adult restrooms shall have standard switches.
 6. No pull string activated switches shall be used in restrooms. No pull string activated fixtures allowed. Lights shall be wired to standard switch.
 - A- Fire Alarm pull station - Install at +48" from floor.
 - B- Exterior Fire Alarm Horn - Install at +90" from floor.
 - C- J-Box only. (Fire Alarm tie-in). Install 4/5 box, 2 going ring with 1" conduit above ceiling. Tie to 3/4" conduits as shown on plan.
 - D- E.A.S. J-Box for the Fire Alarm strobe light.
 - E- Electrical service tie-in location.
 - F- J-Box for fire alarm at +36" with 230 power for District supplied hand dryer.
 - G- Exterior energy saving light fixture. Standard switch located in plumbing chase. Identify switch as such.
 - H- 6 gallon 120 volt electric water heater. Mount on wall as high as possible with DSA approved platform and safety straps.

FIRE ALARM
Junction boxes - Galvanized sheet metal, square
with boom covers. Locate one box
of restrooms building. One box of
above finish floor for future connection.
Covers - Install gasketed, metal, waterproof,
finish covers at exterior locations. Install finish covers
at interior locations.
If testing results determine fire alarm suitability does not
meet 15db over ambient noise levels, additional fire alarm
signaling devices may be required by the enforcing agency.

NOTE:
THE PROJECT ARCHITECT SHALL BE
RESPONSIBLE FOR THE PROVISIONS OF
HEAT AND SMOKE DETECTORS WHEN
THE SITE SPECIFIC PROJECT IS
REQUIRED TO MEET THE PROVISIONS OF
SB 575

NOTE
STUB OUT LOCATIONS FOR ELECTRICAL
PANEL, FIRE ALARM, AND DATA BOXES.
LOCATIONS SHOWN ARE DIAGRAMMICAL ONLY.
EXACT LOCATIONS MAY VARY +/- SEVERAL
FEET. PLEASE CONTACT AMERICAN MODULAR
SYSTEMS FOR EXACT LOCATIONS.
OF CONNECTION WILL BE AT
FACE OF BUILDING.

- FLUORESCENT LIGHTING FIXTURE - SURFACE MOUNTED.
FLUORESCENT LIGHTING FIXTURE - RECESSED.
FLUORESCENT LIGHTING FIXTURE - WALL MOUNTED (EXTERIOR)
INCANDESCENT LIGHTING FIXTURE - WALL MOUNTED (INTERIOR).
DUPLEX WALL CONVENIENCE OUTLETS +18".
SINGLE POLE LIGHT SWITCHES +48", HUBBELL, PREMIUM, BRYANT HEAVY DUTY,
OR LEVITON SPECIFICATIONS GRADE.
ELECTRICAL CROSSOVER J-BOXES ABOVE T-BAR CEILING #1-4"x1", #22.4"x2"
WALL CLOCK OUTLET WITH POWER OUTLET +84".
SWITCH SUBSCRIPTS - o=DEVICE CONTROLLED.
15 AMP DUPLEX RECEPTACLE +18" HOSPITAL GRADE.
JUNCTION BOX - SIZE AND TYPE AS REQUIRED.
PANELBOARD - SEE SCHEDULE.
TERMINAL CABINET - SIZE AND TYPE AS NOTED.
CONDUIT CONCEALED IN CEILING OR WALL.
CONDUIT CONCEALED BELOW FLOOR OR GRADE.
HOMERUN TO RESPECTIVE PANEL TO TERMINAL.
INDICATES 1#14 (GREEN) GROUND WIRE. OTHER SIZES AS INDICATED.
BRANCH CIRCUIT WITHOUT FURTHER DESIGNATION IS A 2#14 WIRE
CIRCUIT, FOR MORE THAN 2#14 WIRES AS FOLLOWS: 3#14, 4#14, 5#14,
6#14, 7#14, 8#14, 9#14, 10#14, 11#14, 12#14, 13#14, 14#14, 15#14, 16#14, 17#14, 18#14, 19#14, 20#14, 21#14, 22#14, 23#14, 24#14, 25#14, 26#14, 27#14, 28#14, 29#14, 30#14, 31#14, 32#14, 33#14, 34#14, 35#14, 36#14, 37#14, 38#14, 39#14, 40#14, 41#14, 42#14, 43#14, 44#14, 45#14, 46#14, 47#14, 48#14, 49#14, 50#14, 51#14, 52#14, 53#14, 54#14, 55#14, 56#14, 57#14, 58#14, 59#14, 60#14, 61#14, 62#14, 63#14, 64#14, 65#14, 66#14, 67#14, 68#14, 69#14, 70#14, 71#14, 72#14, 73#14, 74#14, 75#14, 76#14, 77#14, 78#14, 79#14, 80#14, 81#14, 82#14, 83#14, 84#14, 85#14, 86#14, 87#14, 88#14, 89#14, 90#14, 91#14, 92#14, 93#14, 94#14, 95#14, 96#14, 97#14, 98#14, 99#14, 100#14, 101#14, 102#14, 103#14, 104#14, 105#14, 106#14, 107#14, 108#14, 109#14, 110#14, 111#14, 112#14, 113#14, 114#14, 115#14, 116#14, 117#14, 118#14, 119#14, 120#14, 121#14, 122#14, 123#14, 124#14, 125#14, 126#14, 127#14, 128#14, 129#14, 130#14, 131#14, 132#14, 133#14, 134#14, 135#14, 136#14, 137#14, 138#14, 139#14, 140#14, 141#14, 142#14, 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