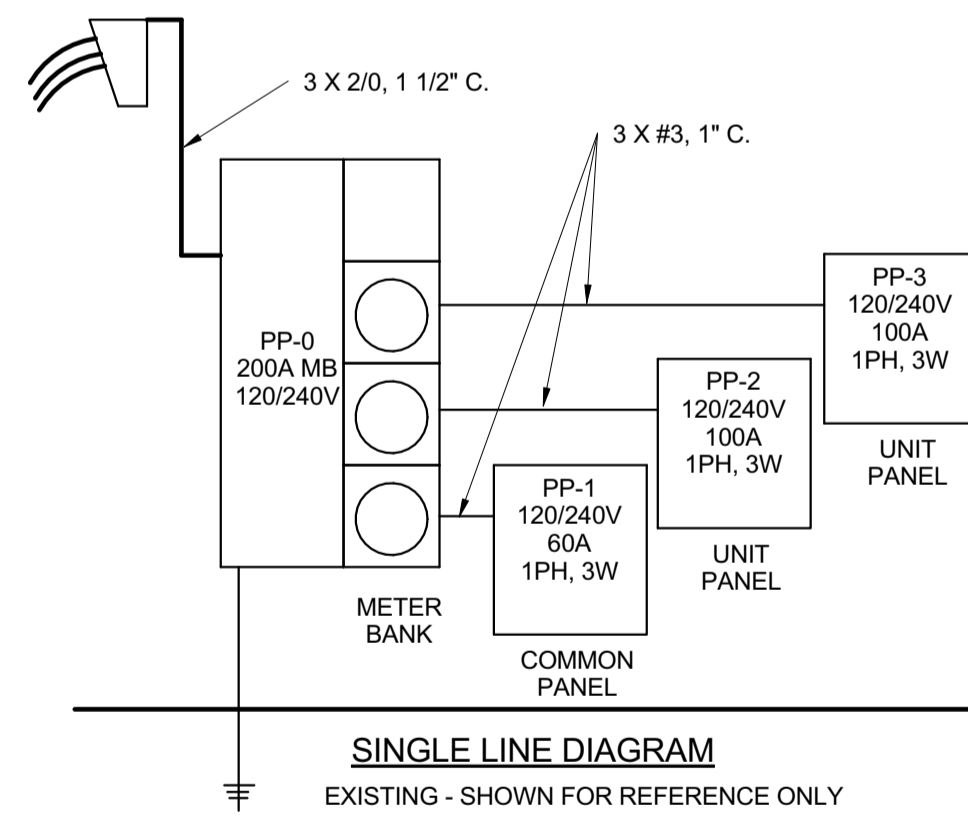


ELECTRICAL NOTES

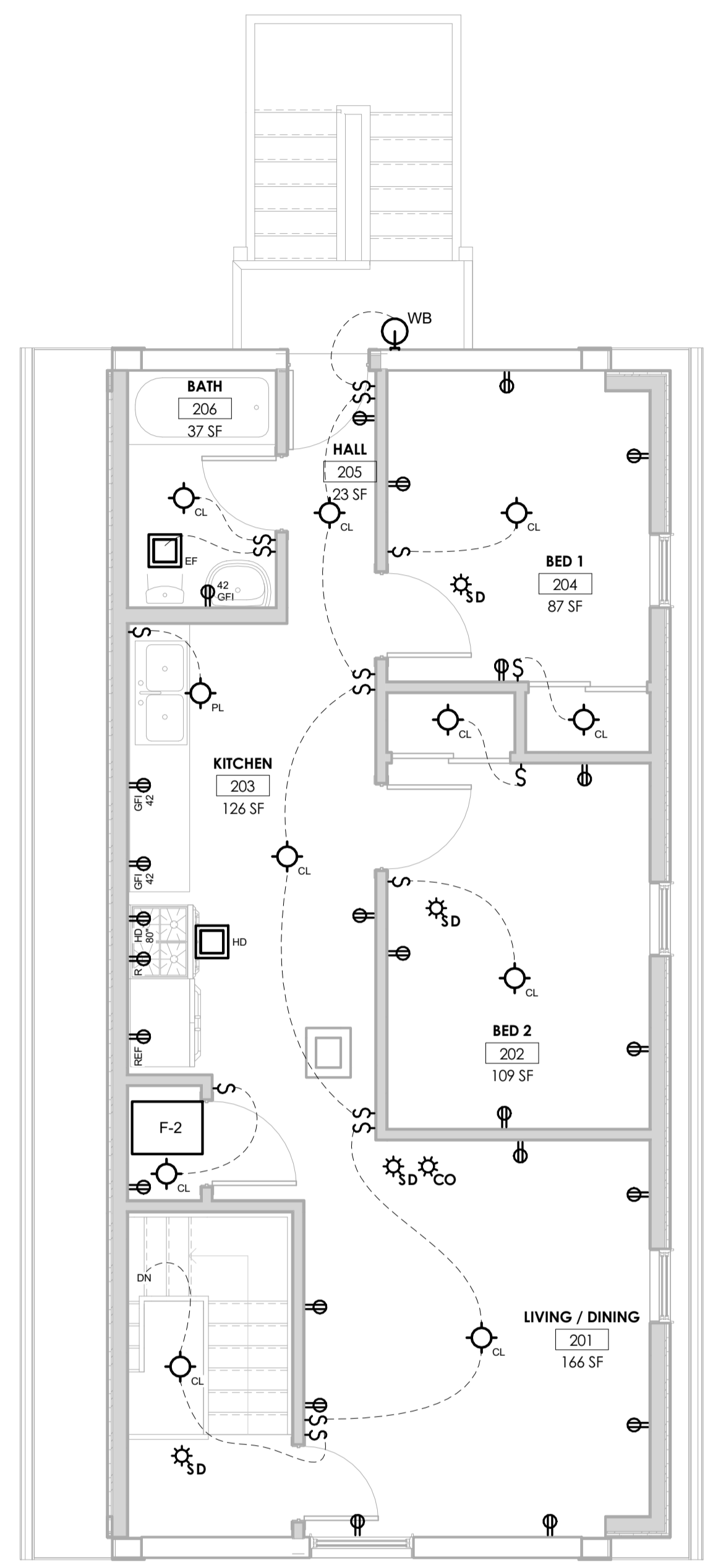
- ALL WORK SHALL BE DONE TO MEET OR EXCEED THE MINIMUM REQUIREMENTS OF THE LOCAL MUNICIPAL CODE. NO WORK SHALL BE DONE WITHOUT PERMIT. IF THE CONTRACTOR PERFORMS ANY WORK KNOWING OF HAVING REASONS TO KNOW THAT THE WORK IS CONTRARY TO PREVAILING BUILDING CODE AND FAILS TO NOTIFY ARCHITECT/ENGINEER, CONTRACTOR SHALL PAY ALL COSTS ARISING THEREFROM.
- CONDUITS BETWEEN THERMOSTATS, HVAC UNITS & CONDUITS BY ELECTRICAL CONTRACTOR. CONTROL WIRING BY MECHANICAL CONTRACTOR. LOCATIONS OF MECHANICAL EQUIPMENT ARE SHOWN ON MECHANICAL DRAWINGS.
- ELECTRICAL CONTRACTOR SHALL PROVIDE POWER WIRING & SHALL COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATION OF HVAC EQUIPMENT TO BE WIRED.
- MINIMUM WIRE SIZE TO BE #12 THHN COPPER; OVER 75 FEET, RUNS TO BE MINIMUM #10 UNLESS NOTED OTHERWISE ON THE PLANS. MINIMUM CONDUIT SIZE TO BE 1/2" E.M.T. COUPLINGS AND CONNECTORS TO BE COMPRESSION OR SET-SCREW TYPE.
- ELECTRICAL ITEM MOUNTING HEIGHTS, FROM FINISHED FLOOR TO CENTER OF DEVICE, UNLESS NOTED OTHERWISE.
RECEPTACLES 12 INCHES
TELEPHONE 12 INCHES
SWITCHES 42 INCHES
THERMOSTAT 42 INCHES
TV 12 INCHES
RECEPTACLES ABOVE COUNTER 6 INCHES
- ALL ELECTRICAL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER AND IN FULL ACCORD WITH LOCAL ELECTRICAL CODES AND REQUIREMENTS.
- PROVIDE PROPER AND SUFFICIENT GROUND CONNECTION FOR ALL ELECTRICAL DEVICES AND EQUIPMENT. ALL CONDUIT CONNECTIONS SHALL BE DRAWN UP TIGHT AND SECURE.
- ALL CONDUITS MUST BE INDEPENDENTLY SUPPORTED. NO CONDUIT SHALL BE SUPPORTED FROM DUCTS, PIPING, HANGERS, OR CEILING SUSPENSION WIRES.
- PROVIDE TYPEWRITTEN DIRECTORY OF PANELBOARD.
- ALL WORK SHALL BE INSTALLED IN A METAL CONDUIT SYSTEM.
- ALL LIGHT FIXTURES TO BE OWNER SUPPLIED CONTRACTOR INSTALLED.

ELECTRICAL NOTES

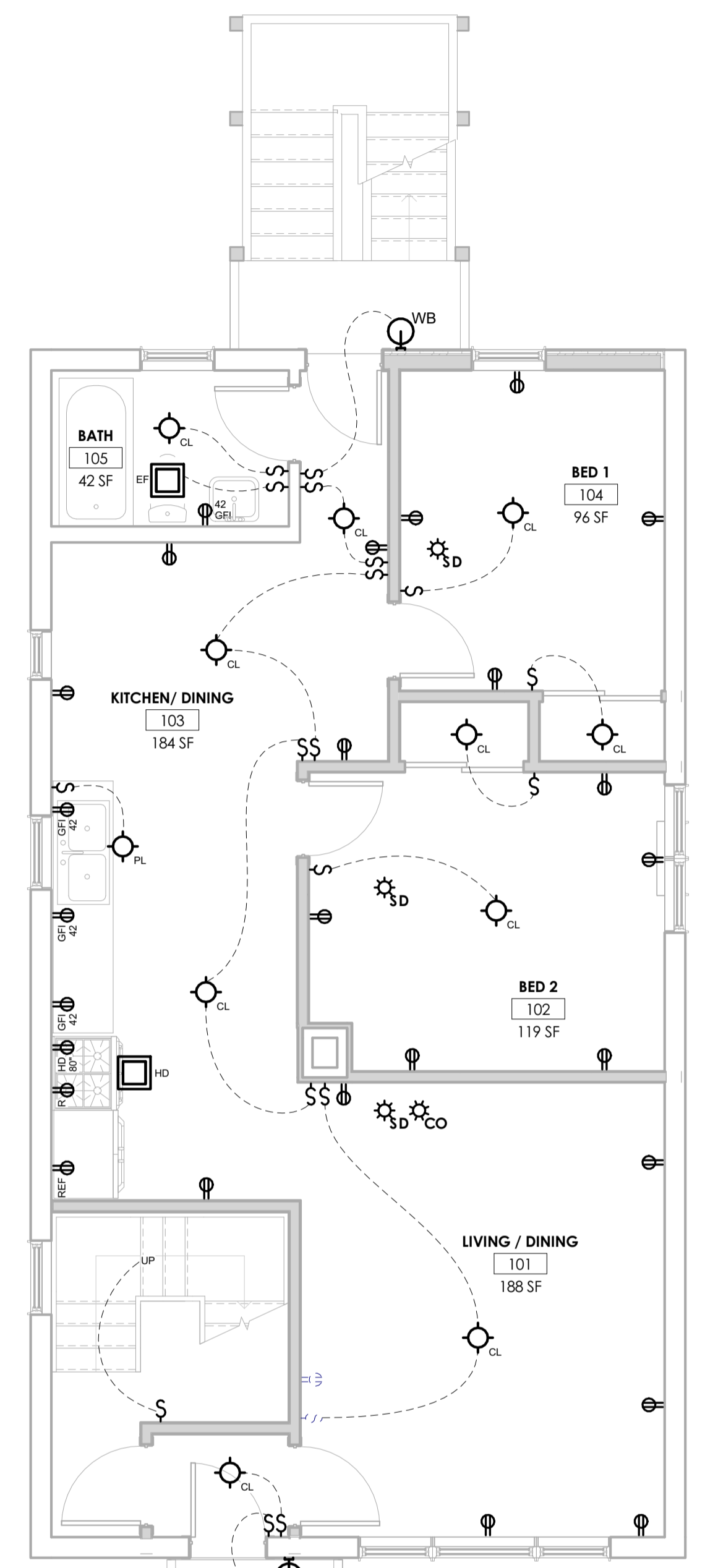
- ALL ELECTRICAL DEVICES & ITEMS SUCH AS, BUT NOT LIMITED TO, RECEPTACLES, LIGHT SWITCHES, TELEPHONE OUTLETS, TV OUTLETS, DISCONNECT SWITCHES, SMOKE DETECTORS, JUNCTION BOXES, DOOR BELL, CONDUITS, WIRE, TV CABLING, TELEPHONE CABLING, DATA CABLING, TO BE SUPPLIED AND INSTALLED BY ELECTRICAL CONTRACTOR.
- EXISTING 200 AMP UNDERGROUND ELEC. SERVICE AND PANEL BOARDS. RELOCATE AS INDICATED.
- MAINTAIN MINIMUM 36" CLEARANCE IN FRONT OF ALL ELECTRICAL PANELS.
- SMOKE DETECTORS SHALL BE WIRED ON A SEPARATE CIRCUIT, AND IN SERIES, ONE SOUNDS, ALL SOUND, SMOKE DETECTORS SHALL HAVE BATTERY BACK-UP. SMOKE DETECTORS SHALL BE LOCATED IN EACH BEDROOM AND IN THE UNIT GENERALLY.
- CARBON MONOXIDE DETECTORS SHALL BE HARDWIRED. CARBON MONOXIDE DETECTORS SHALL BE LOCATED NO MORE THAN 10 FEET FROM EACH BEDROOM DOOR.
- ALL ELECTRICAL DEVICES AND CONTROLS SHALL BE LOCATED NO LESS THAN 5'-0" FROM ANY TUB OR SHOWER.
- ELECTRICAL INSTALLATION TO INCLUDE WIRING FOR TELEPHONE, DATA, AND CABLE. INSTALL DATA WIRING FOR HOME COMPUTER NETWORK AND COORDINATE LOCATION WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION. HOMERUN ALL DATA WIRING TO BASEMENT. PROVIDE WIRELESS ROUTER.
- ALL OUTLETS OTHER THAN THOSE OTHERWISE PROTECTED BY GFCI TO BE ON BRANCH CIRCUITS PROTECTED BY ARC-FAULT CIRCUIT INTERRUPTER.
- ALL CLOSET LIGHTS SHALL BE CEILING MOUNTED FLOURESCENT FIXTURES WITH A MINIMUM OF 6 INCH CLEARANCE FROM ALL STORAGE SPACE.
- ALL ELECTRICAL RECEPTACLES IN BATHS, KITCHENS, LAUNDRY AREAS OR WITHIN 5 FEET OF A SOURCE OF WATER SHALL HAVE 'GFCI' PROTECTION.
- OUTLETS - COORDINATE EXACT LOCATION WITH GENERAL CONTRACTOR.
- ALL EXTERIOR OUTLETS TO BE GFCI PROTECTED IN WEATHERPROOF ENCLOSURE. ENCLOSURE SHALL BE WEATHERPROOF WITH THE PLUG INSERTED OR REMOVED.



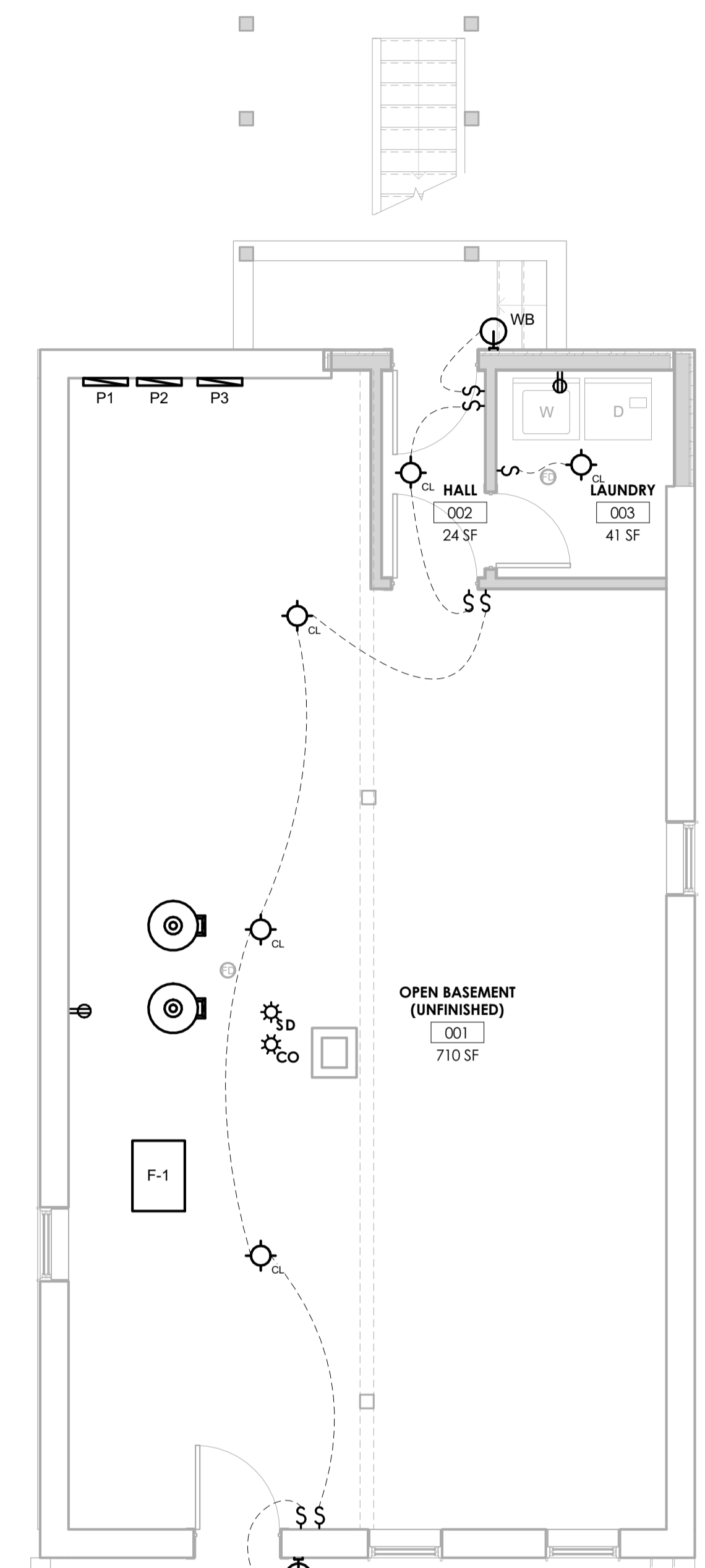
4 ELECTRICAL RISER DIAGRAM
3/4" = 1'-0"



3 2nd FLOOR - ELECTRICAL
1/4" = 1'-0"



2 1st FLOOR - ELECTRICAL
1/4" = 1'-0"



1 BASEMENT - ELECTRICAL
1/4" = 1'-0"



Construction subject to full compliance with the Municipal Code of Chicago and field inspection by Building Commission

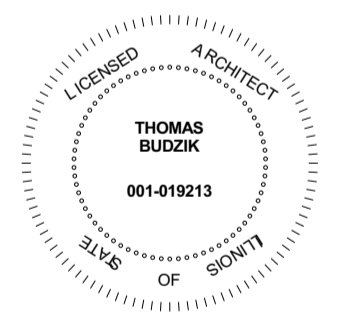
By *[Signature]*
CERTIFIED CORRECTIONS



211 S MAPLE LN
PROSPECT HTS, IL
O: 877.205.3799
F: 877.260.7209
THOMAS@THOMASARCH.COM

ELECTRICAL SYMBOL

MARK	DESCRIPTION
☼ SD	SMOKE DETECTOR
☼ CO	CARBON MONOXIDE DETECTOR
Ⓜ	DUPLEX RECEPTACLE
Ⓜ GFI	GROUND FAULT RECEPTACLE
Ⓜ WP	WEATHERPROOF EXTERIOR RECEPTACLE
Ⓜ xx	RECEPTACLE (DED. CIRCUIT) REF - REFRIGERATOR FURN - FURNACE WH - WATER HEATER EJEC - EJECTOR PUMP SUMP - SUMP PUMP OV - OVEN (220V) HD - KITCHEN HOOD CK - COOKTOP
Ⓜ xx	RECEPTACLE xx INCHES A.F.F.
Ⓜ	DUPLEX RECEPTACLE - FLOOR
Ⓜ	RECEPTACLE - CEILING
Ⓜ	THERMOSTAT
Ⓜ	SWITCH 3 - THREE-WAY D - DIMMER
Ⓜ	RECESSED DOWNLIGHT R - 5" DIA RW - CLOSED LENS, WET LOC.
Ⓜ	FLOURESCENT CEILING FIXTURE
Ⓜ	DECOR. PENDANT FIXTURE
Ⓜ	DECOR. LIGHT FIXTURE CL - CEILING CH - CHANDELIER / FAN
Ⓜ	DECOR. WALL SCNCE
Ⓜ	LOW VOLTAGE TV - CO-AXIAL TD - CAT6



No.	Description	Date
1	ISSUED FOR PERMIT	10/22/14

Project Name and Address

**BNS PROPERTIES, LLC
INTERIOR ALTS AND ADD.
TO EXST. MULTI-UNIT RES**

4112 W POTOMAC
CHICAGO, IL 60651

Project No. 14084

Description ELECTRICAL PLANS



Sheet **E-1**