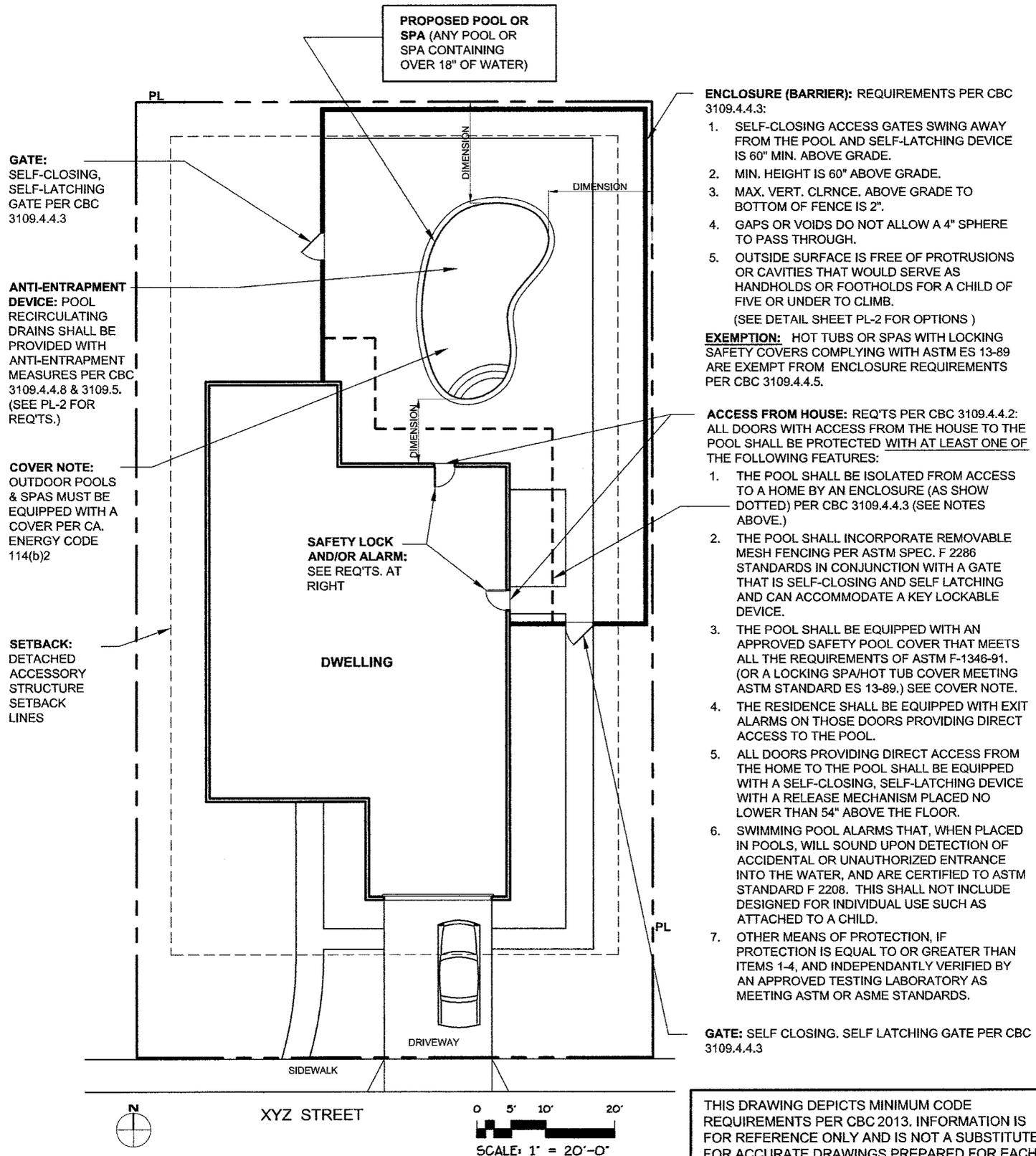


RESIDENTIAL SWIMMING POOL / SPA ENCLOSURE MINIMUM REQUIREMENTS - CBC 2013



NAME, ADDRESS AND PHONE NO. OF DESIGNER
XXX XXX XXX XXX
XXX XXX XXX XXX

WET SIGNATURE OF DESIGNER ON EACH SHEET
(AND PROFESSIONAL STAMP IF APPLICABLE)

**EXAMPLE
RESIDENTIAL POOL**

SITE PLAN

SAMPLE DRAWING

SCALE: 1" = 20'-0"

DATE:

SHEET NO.

PL-1

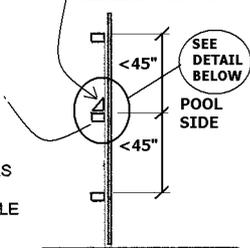
RESIDENTIAL SWIMMING POOL / SPA ENCLOSURE MINIMUM REQUIREMENTS - CBC 2013

THIS DRAWING DEPICTS MINIMUM CODE REQUIREMENTS PER CBC 2013. INFORMATION IS FOR REFERENCE ONLY AND IS NOT A SUBSTITUTE FOR ACCURATE DRAWINGS PREPARED FOR EACH PROPOSED CONSTRUCTION PROJECT.

OPTIONS FOR ENCLOSURE (BARRIER): REQUIREMENTS PER CBC 3109.4.4.3:

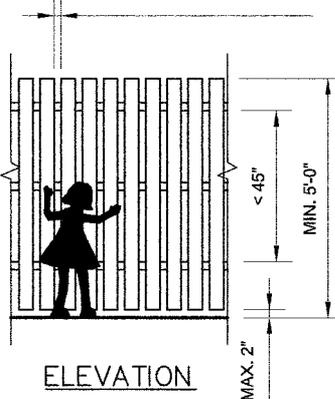
1. MIN. HEIGHT IS 60" ABOVE GRADE.
2. MAX. VERT. CLRNCE. ABOVE GRADE TO BOTTOM OF FENCE IS 2".
3. GAPS OR VOIDS DO NOT ALLOW A 4" SPHERE TO PASS THROUGH.
4. OUTSIDE SURFACE IS FREE OF PROTRUSIONS OR CAVITIES THAT WOULD SERVE AS HANDHOLDS OR FOOTHOLDS FOR A CHILD OF FIVE OR UNDER TO CLIMB.
5. A NON-REMOVABLE MESH FENCING MAY BE USED IF IT MEETS THE ASTM SPEC. F 2286 AND WITH A GATE THAT IS SELF-CLOSING AND SELF-LATCHING AND CAN ACCOMMODATE A KEY LOCABLE DEVICE.

NOTE: PROVIDE CANT STRIPE OR EQUAL IF HORIZONTAL MEMBERS ARE LESS THAN 45"



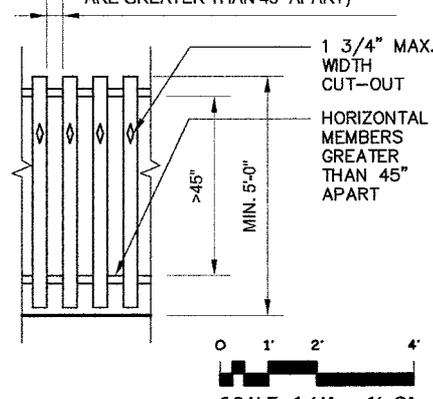
SECTION

1 3/4" MAX. (IF HORIZONTAL OR DIAGONAL MEMBERS



ELEVATION

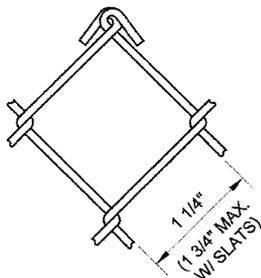
4" MAX. (IF HORIZ. MEMBERS ARE GREATER THAN 45° APART)



EXEMPTION: HOT TUBS OR SPAS WITH LOCKING SAFETY COVERS COMPLYING WITH ASTM ES 13-89 ARE EXEMPT FROM ENCLOSURE REQUIREMENTS PER CBC 3109.4.4.5.

GENERIC FENCE DETAIL FOR PRIVATE POOL OR SPA ENCLOSURE

CHAIN LINK REQUIREMENTS:
THE MAX. MESH SIZE FOR CHAIN LINK FENCES SHALL BE 1 1/4" SQUARE UNLESS THE FENCE IS PROVIDED WITH SLATS FASTENED AT THE TOP OR BOTTOM.

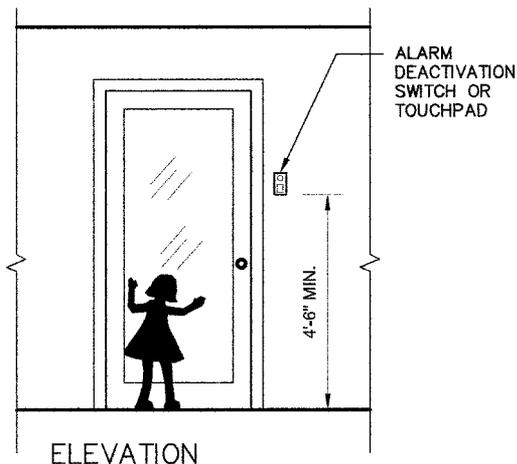


CHAIN LINK FENCE FOR PRIVATE POOL OR SPA ENCLOSURE

DOOR ALARM REQUIREMENTS:

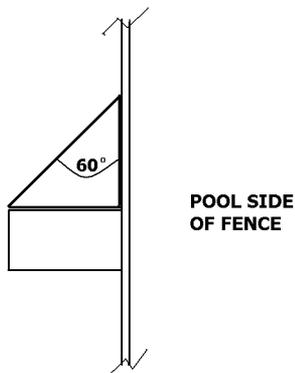
DOORS EQUIPPED WITH EXIT ALARMS SHALL CONFORM TO CBC 3109.4.1.8 AS FOLLOWS:

1. LISTED IN ACCORDANCE WITH UL 2017.
2. ALARM SHALL ACTIVATE WITHIN 7 SECONDS AND SOUND FOR A MIN OF 30 SECONDS AND BE AUDIBLE THROUGHOUT THE HOUSE.
3. THERE SHALL BE A MANUAL SWITCH TO DEACTIVATE THE ALARM FOR NOT MORE THAN 15 SECONDS MOUNTED A MIN. OF 54" ABOVE THE DOOR THRESHOLD.



ELEVATION

SAFETY ALARM AT DOOR



CANT STRIP DETAIL N.T.S.

ANTI-ENTRAPMENT REQUIREMENTS FOR ALL POOLS & SPAS:

PER CBC 3109.5, SUCTION OUTLETS SHALL BE DESIGNED TO PRODUCE CIRCULATION THROUGHOUT THE POOL OR SPA. SINGLE OUTLET SYSTEMS, SUCH AS AUTOMATIC VACUUMS SHALL BE PROTECTED AGAINST USER ENTRAPMENT

1. SUCTION OUTLETS SHALL BE PROVIDED WITH A COVER THAT CONFORMS TO ASME A112.19.8M, OR A 12" X 12" MIN. DRAIN GRATE, OR AN APPROVED CHANNEL DRAIN SYSTEM.
2. SINGLE OR MULTIPLE CIRCULATION SYSTEMS SHALL BE EQUIPPED WITH AN ATMOSPHERIC VACUUM RELIEF SHOULD GRATE COVERS BECOME MISSING OR BROKEN. THE RELIEF SHALL EITHER CONFORM TO ASME A112.19.17, OR BE AN APPROVED GRAVITY DRAINAGE SYSTEM.
3. SINGLE OR MULTIPLE-PUMP CIRCULATION SYSTEMS SHALL BE PROVIDED WITH A MINIMUM OF TWO APPROVED-TYPE SUCTION OUTLETS LOCATED AT LEAST 3' APART. WATER SHALL BE DRAWN THROUGH THEM SIMULTANEOUSLY THROUGH A VACUUM-PROTECTED LINE TO THE PUMP(S).
4. POOL CLEANER FITTINGS (WHERE PROVIDED) SHALL BE ACCESSIBLE AT LEAST 6" TO 12" MAX. BELOW THE MIN. OPERATIONAL WATER LEVEL OR ATTACHED TO SKIMMER.

ANTI-ENTRAPMENT DEVICE REQUIREMENTS

NAME, ADDRESS AND PHONE NO. OF DESIGNER
XXX XXX XXX XXX
XXX XXX XXX XXX

WET SIGNATURE OF DESIGNER ON EACH SHEET
(AND PROFESSIONAL STAMP IF APPLICABLE)

**EXAMPLE
RESIDENTIAL POOL**

DETAILS

SAMPLE DRAWING

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

SHEET NO.

PL-2