

CITY OF FOUNTAIN VALLEY

BLOCK WALLS

(714) 593-4429

This handout pertains to non-bearing, non-retaining block walls only. Permits are required for all walls higher than 4'0" from the bottom of the footing to the top of the wall. The Building & Safety Department is open from 8 AM- 5PM, Monday through Friday.

Specifications:

Concrete: 2500 psi @ 28 days (if in contact with soil)

Block: Type "A" ASTM C 90-70

Reinforcing steel: ASTM A 615, Grade 40 or equivalent

Mortar: 1 part cement- $\frac{1}{2}$ part lime- 4 $\frac{1}{2}$ parts sand

Grout: 1 part cement- $\frac{1}{10}$ part lime- 3:4 part mix sand and pea gravel

General Notes:

1. All cells containing rebar shall be solidly grouted.
2. Splices are to be 40X diameter for horizontal and 30X diameter for vertical.
3. Expansion joints are required at a minimum of 50' on center.
4. Properties with a pool or spa shall maintain all gates and doors with self-closing and self-latching devices. All pool barrier requirements must be maintained throughout the construction phase of walls which provide mandatory pool barriers. Temporary fencing must be erected until a minimum height of 60" is reached.

Interlocking Block:

Interlocking block requires a copy of the manufacturer's specifications, listing, or an engineer's stamped approval for the application in question.

Inspections

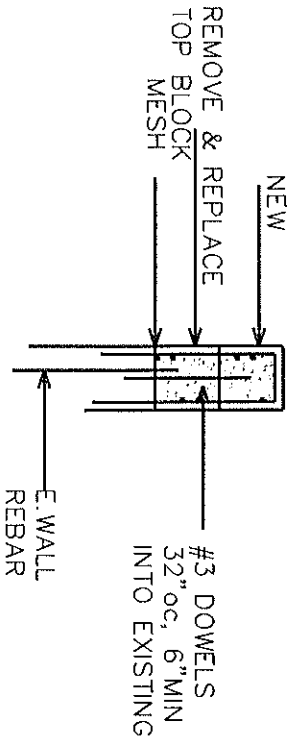
All walls must have the following inspections. Do not proceed to the next step without approval from your building inspector. Any deviation from the City standard will require an engineer's approval.

1. Footing- Excavation and rebar is complete. No concrete can be placed until the footing is approved.
2. Pre-grout- Block is placed and rebar placement is complete. No grout until approved.
3. Final- Wall is grouted and all construction debris is cleaned from the site. Gates must be installed for final if the wall is a pool barrier.

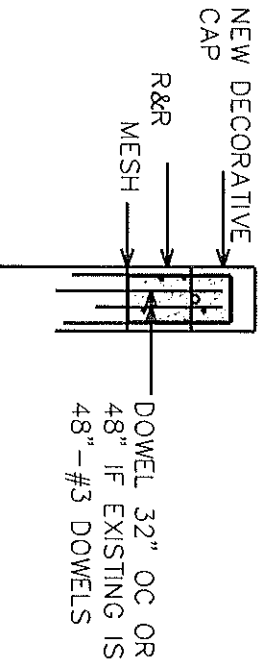
ADDING 1 COURSE TO 6" BLOCK WALL

NEW 6" BLOCK WALL

OPTION A

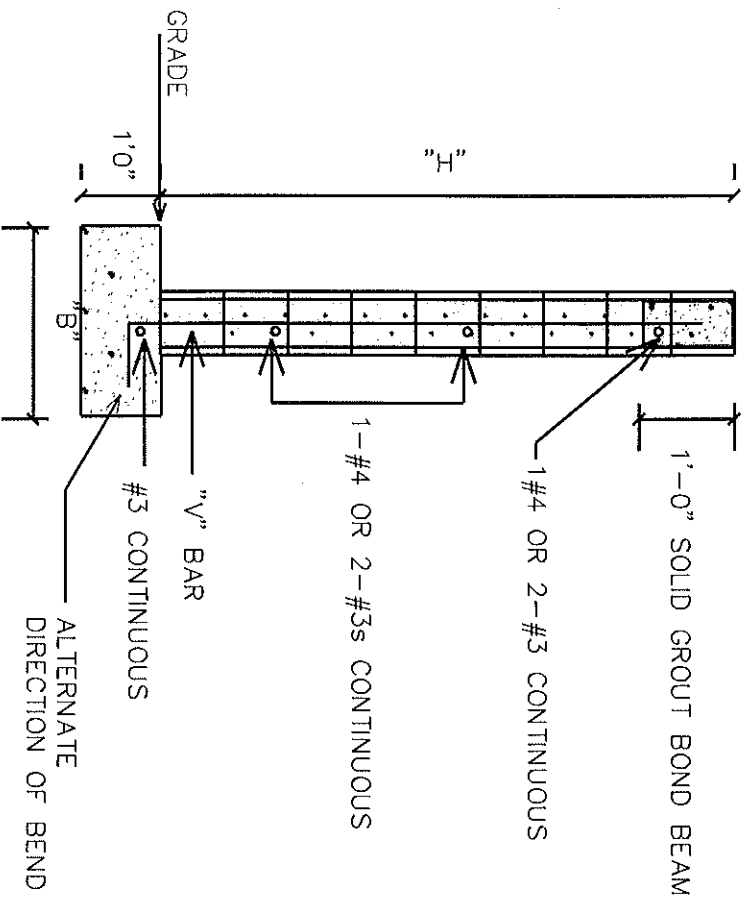


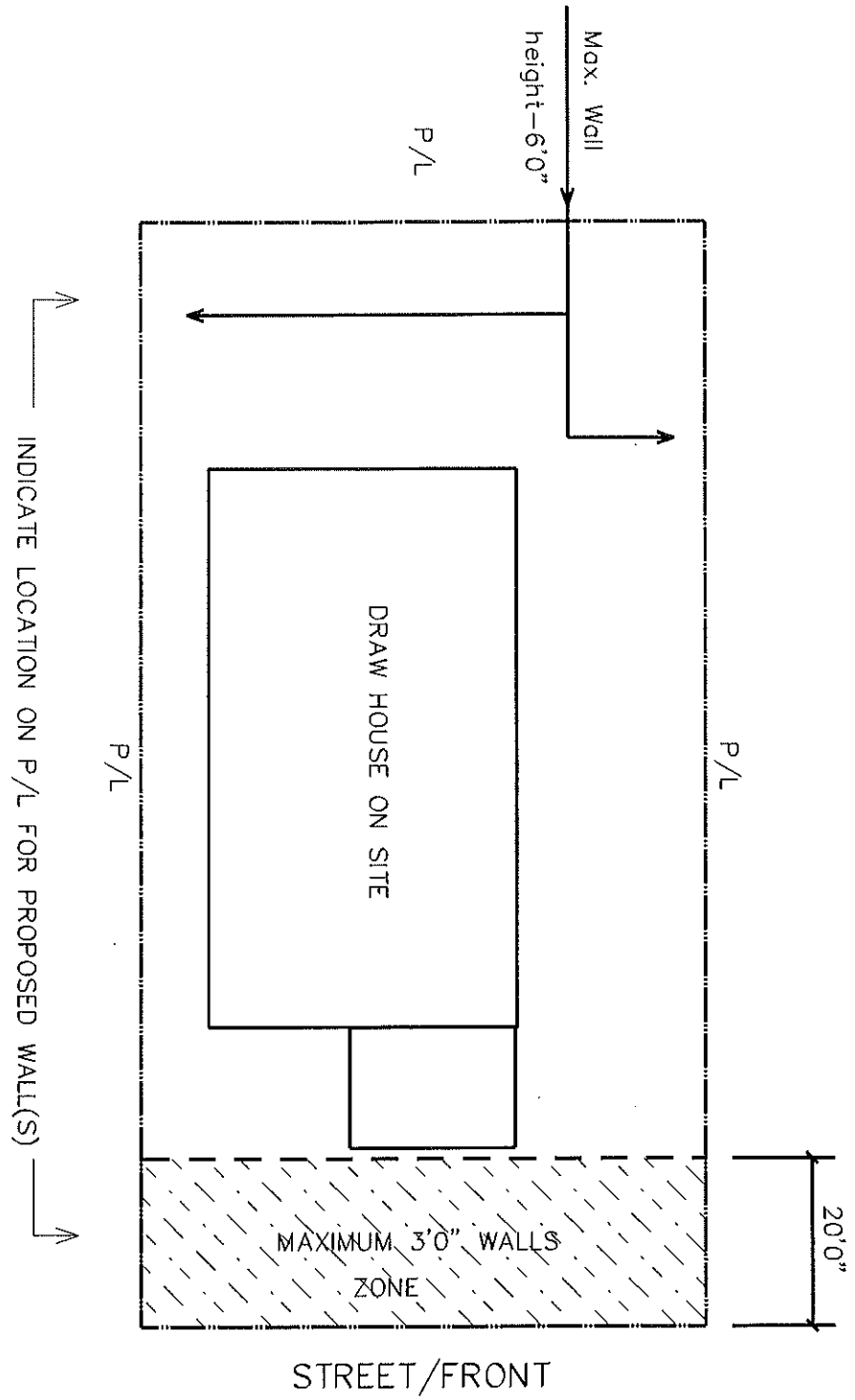
OPTION B



NOTE: PLACE DOWELS ONLY IN CELLS WITH EXISTING REBAR

"H"	"b"	"V"
6'-0"	18"	#3 @ 32" OC
5'-0"	16"	#3 @ 48" OC
4'-0"	14"	#3 @ 48" OC
3'-0"	12"	NONE





NOTES:

- *NO WALLS OVER 3'0" WITHIN FRONT SETBACK AREA.
- *MAXIMUM FENCE/WALL HEIGHT IS 6'0"
- *PROPERTY OWNER'S SIGNATURES ON ADJACENT LOTS TO PROPOSED WALL ARE REQUIRED.

PROPERTY OWNER'S SIGNATURE _____
 ADJACENT OWNER'S SIGNATURE _____
 ADJACENT OWNER'S SIGNATURE _____

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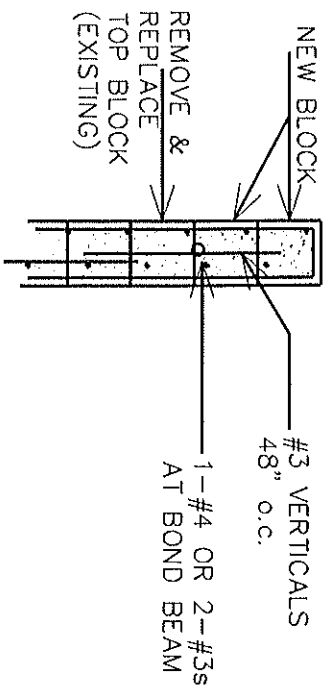
BLOCK WALL PERMIT APPLICATION

Lot Profile/Wall and Fence Height

CITY OF FOUNTAIN VALLEY

ADDING 2 COURSES TO EXISTING BLOCK WALLS

6" BLOCK



NOTE: MINIMUM DOWEL EMBED IS 6" INTO EXISTING GROUDED CELL WITH REBAR GROUT TO BE A MINIMUM OF 2000 psi

