

5/30/02 - checked setbrcks for pool 10⁺ on all sides.

6/13/02 - Checked electrical w/ Mike Collins - no
problems seen - good job (Finally!) Jon M

8/12/02 Final - all OK to Close permit
10

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

Please Read
Application And
Notes, If Any,
Attached

BUILDING DEPARTMENT

PERMIT

Permit Number: 020398

This is to certify that Halpin John P & Sarah J Jts/Chicago Lake Park

has permission to Install 18' x 38' In Ground Pool

AT 80 Abby Ln 388 H005001

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and work on permit in progress before this building or part thereof is closed or enclosed-in. **48 HOUR NOTICE IS REQUIRED.**

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

OTHER REQUIRED APPROVALS

Fire Dept. _____

Health Dept. _____

Appeal Board _____

Other _____

Department Name

Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

Application ID Number: 2-0398

Department: Building

Status: Approved with Conditions

Reviewer: Mike Nugent

Comments: [Redacted]

Issue Date: 04/29/2002

OK to Issue Permit

Name: Mike Nugent

Date: 05/22/2002

Conditions/Notes

Chain Lnk Fence must be no larger that 1 1/4 " opening (1 3/4" diagonal)

Gate latch must installed in compliance with 421.10.1.8

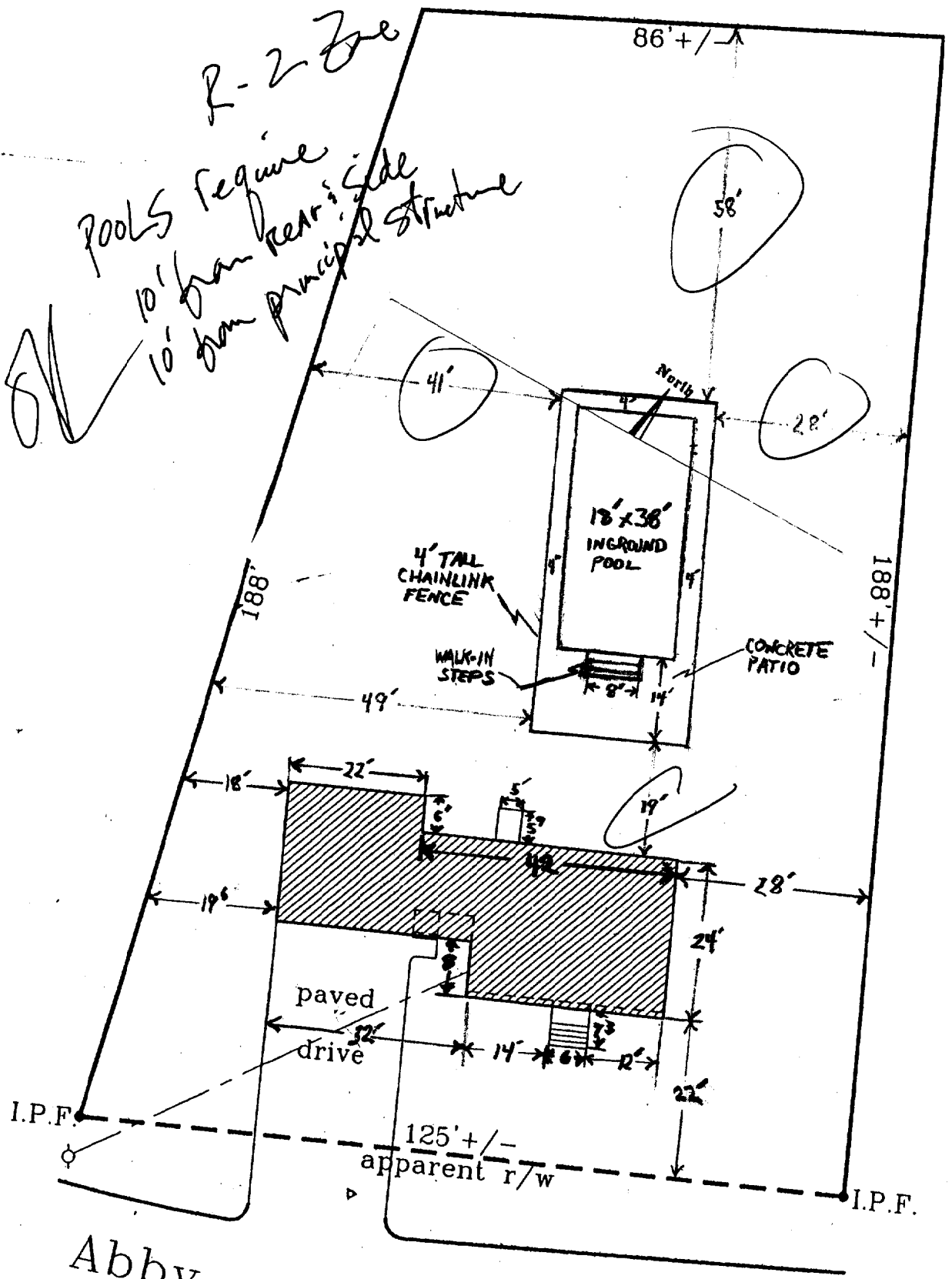
Separate electrical permit is required, installation must be done by a Licensed Master of the Trade

Create Date: 04/22/2002

By: jodinea

Issue Date: 05/22/2002

By: mjn



R-2 Zone
 Pools require
 10' from rear side
 10' from principal structure

All Purpose Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: <u>80 Abby Lane</u>		
Total Square Footage of Proposed Structure <u>1456'</u>	Square Footage of Lot <u>19,728</u>	
Tax Assessor's Chart, Block & Lot Chart# <u>388</u> Block# <u>H</u> Lot# <u>003</u>	Owner: <u>John & Sarah Halpin</u>	Telephone: <u>878-6710</u>
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: <u>John Halpin</u> <u>80 Abby Ln</u> <u>878-6710</u>	Cost Of Work: \$ <u>18,920-</u> Fee: \$ <u>156.00</u>
What size is the pool: <u>18 x 38</u> Above or below ground: <u>below</u>		
Dimensions of decking and/or platforms: <u>4' concrete around pool</u> <u>14' at shallow end</u>		
Contractor's name, address & telephone: <u>Sebago Lake Pools, 629 Main St. Gorham, Me 04038</u> <u>856-1000</u> <u>856-7000</u>		
Who should we contact when the permit is ready: <u>John Halpin</u> <i>xx</i>		
Mailing address: <u>80 Abby Ln</u> <u>Portland, Me 04103</u> <u>S/F</u>		
We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work, with a Plan Reviewer. A stop work order will be issued and a \$100.00 fee if any work starts before the permit is picked up. PHONE: <u>878-6710</u> <i>xx</i> <u>NO AM.</u>		

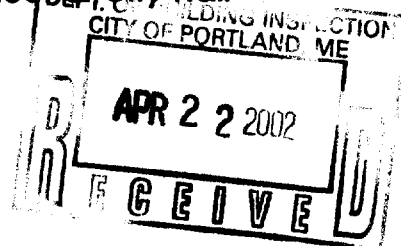
call

IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY DENIED AT THE DISCRETION OF THE BUILDING/PLANNING DEPARTMENT, WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APPROVE THIS PERMIT.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

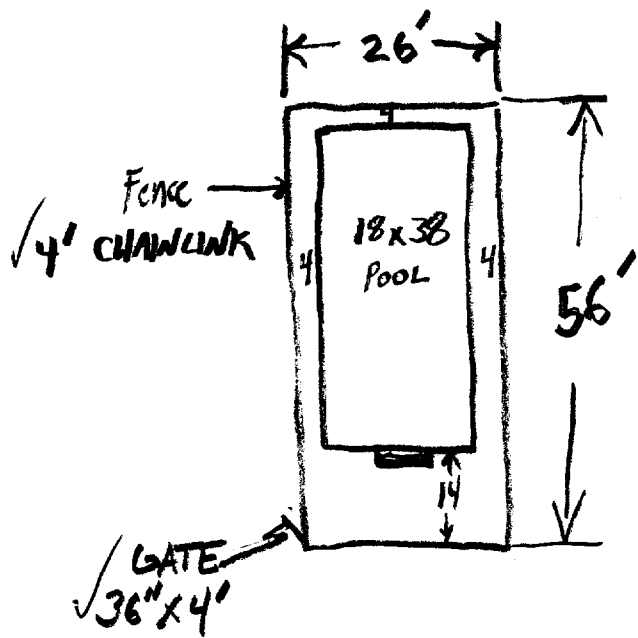
Signature of applicant: 	Date: <u>4-22-02</u>
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**This is NOT a permit; you may not commence ANY work until the permit is issued.
If you are in a Historic District you may be subject to additional permitting and fees with the
Planning Department on the 4th floor of City Hall**



FENCING

56' x 26'

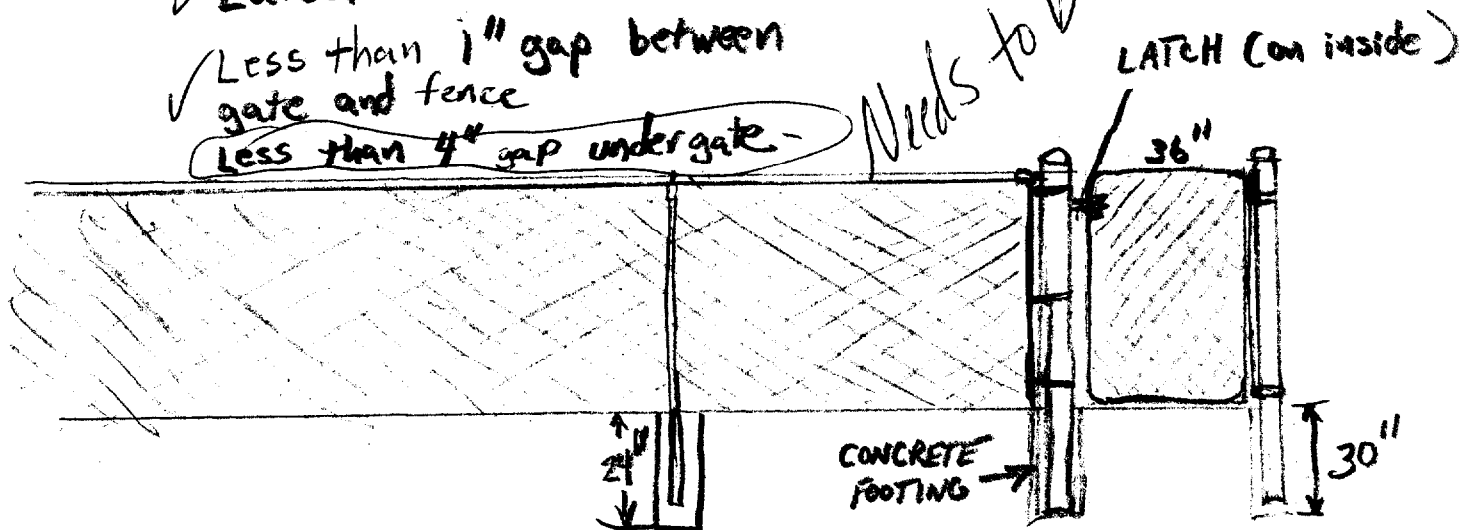


- ① 1/4" Max square mesh
- ② Latch at least 3" from top
- ③ Barrier can't have greater than 1/2" opening w/in 18" of latch

GATE - opening out

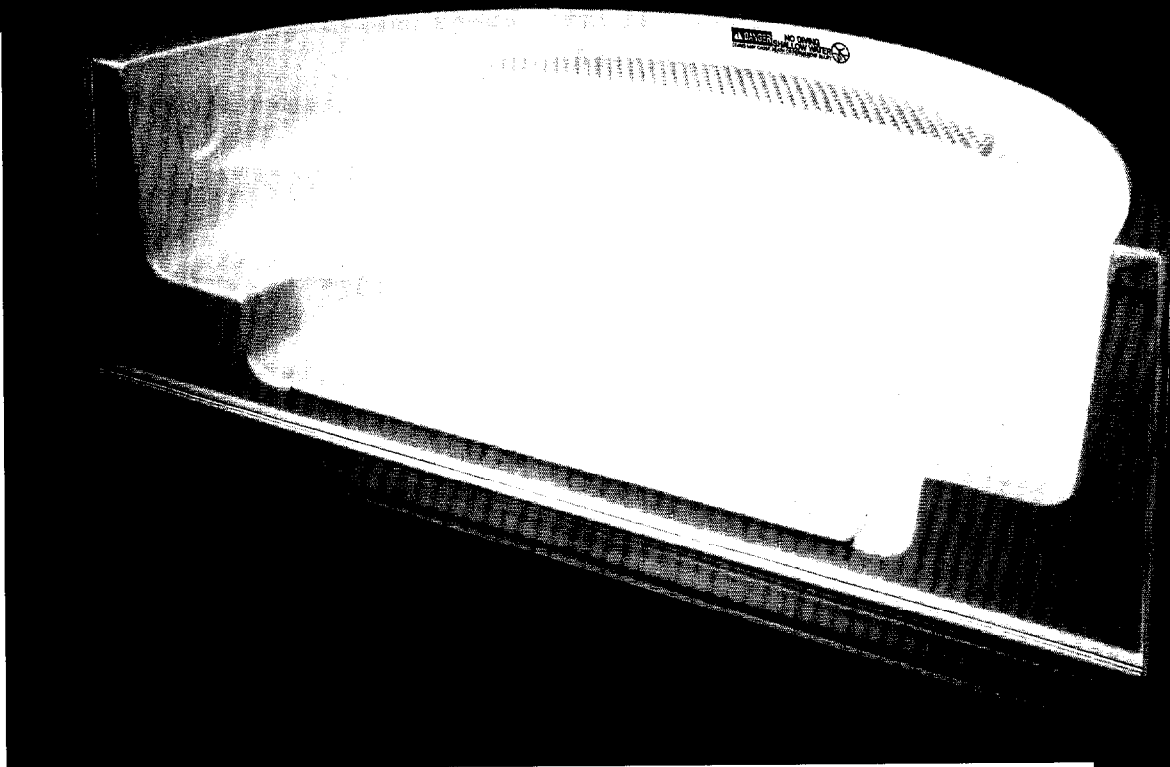
- ✓ self closing mechanism
- ✓ self latching
- ✓ Latch - on inside
- ✓ Less than 1" gap between gate and fence
- Less than 4" gap under gate -

Needs to be 2"



10' Roman End Performance Sit 'n Step™

New for '96



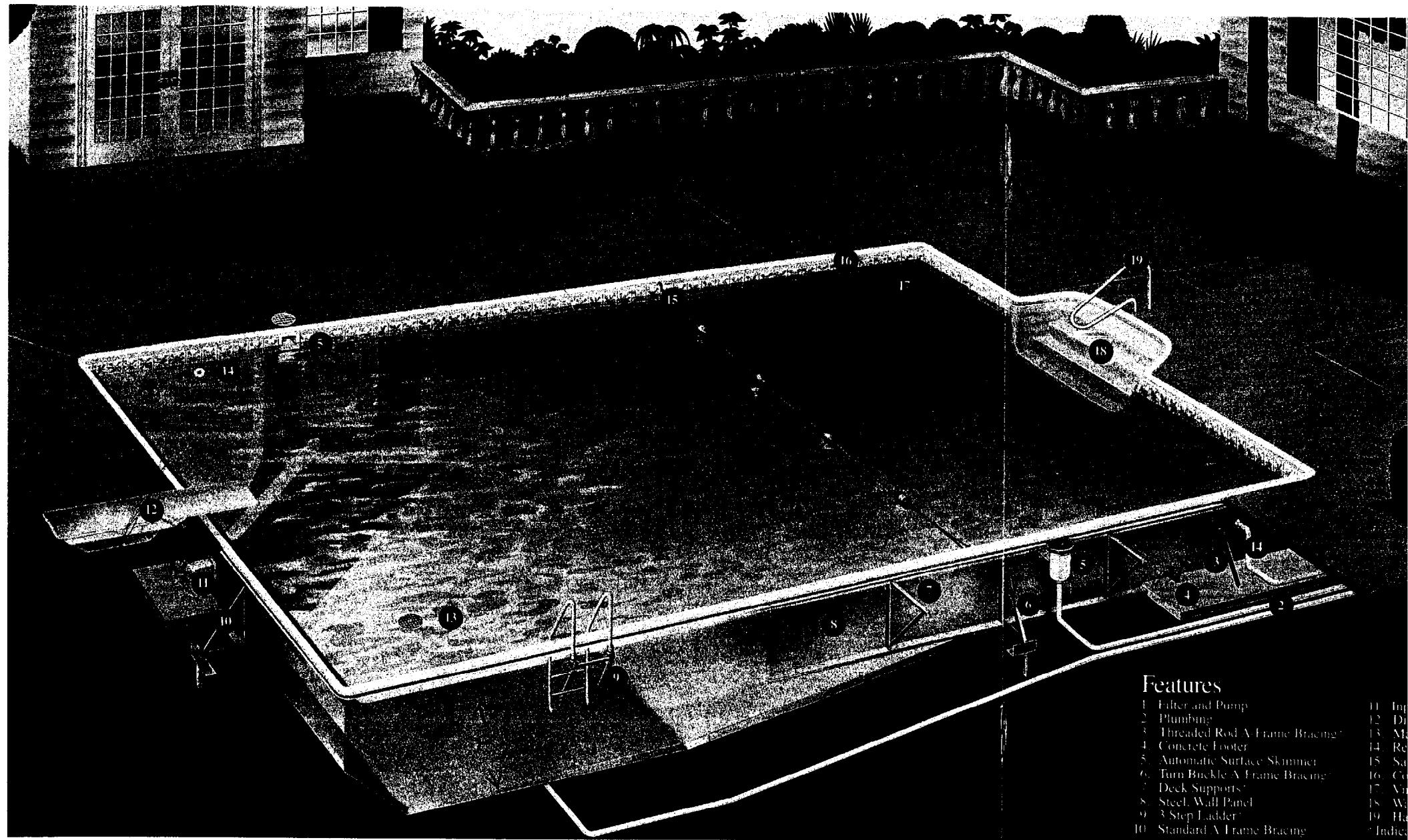
Distinctive styling for your pool

The graceful curve of our new 10' Roman End Performance Sit 'n Step marks a new standard for elegance in pool steps, creating the perfect setting for casual conversations, or for a few moments of quiet solitude.

Its four-tread design offers both easy access and comfortable seating, while the cantilever styling provides the design flexibility to fully integrate this elegant step into the pool of your dreams. And underneath all this beauty lies the strength of the patented TES – Totally Encapsulated Support – system. The Roman End Performance Sit 'n Step even has recessed jet locations, to allow for the addition of optional lumbar hydrotherapy fittings.

The semi-circular arc of our new Roman End Performance Sit 'n Step will add beauty to any pool, but especially to yours. The Roman End Performance Sit 'n Step – for the ultimate in pool elegance.

**PERFORMANCE
STEPS™**



Features

- 1. Filter and Pump
- 2. Plumbing
- 3. Threaded Rod & Frame Bracing
- 4. Concrete Footer
- 5. Automatic Surface Skimmer
- 6. Turn Buckle & Frame Bracing
- 7. Deck Supports
- 8. Steel Wall Panel
- 9. 3 Step Ladder
- 10. Standard X Frame Bracing

- 11. Imp
- 12. Di
- 13. M
- 14. Re
- 15. Sa
- 16. Co
- 17. Vi
- 18. W
- 19. H
- 7. Indica

26.8 These employees agree that uniforms and clothing furnished to them by the City shall be worn while on duty for the City, and only while on duty for the City, subject to reasonable change for extreme weather conditions at the discretion of the appropriate supervisor. The employees further agree that such clothing shall be reasonably maintained to present a clean and neat appearance.

26.9 If during the term of this agreement the City requires employees to wear uniforms, in divisions not listed above, the parties will reopen this article to discuss such requirements.

26.10 Safety Boots and Personal Protective Equipment

The City agrees to make payable to all engineering personnel and Code Enforcement personnel up to One Hundred twenty-five dollars (\$125.00) per fiscal year (or \$300 for the term of this contract) for the purchase of safety toe footwear and other personal protective equipment approved by the appropriate Division Head or designee.

27. JOB TRAINING

27.1 The City shall continue its policy of providing employee training through participation in the financing of credit and non-credit training courses related to the duties and responsibilities of the employees as City resources allow.

27.2 Training programs will be conducted periodically in promotional classifications on an individual and group basis, both on the job and off when, in the opinion of the City, training courses are warranted.

27.3 If the City requires specific training for existing employees in a given classification, the City will pay for the course and pay for the hours spent in training beyond the normal work day, straight time until total hours worked that week equal forty (40) and time and one-half hours for hours over forty (40) in a week.

27.4 Probationary employees, including those employees fulfilling a promotional probationary period, shall be expected to fulfill the licensing requirements of their classification during the probationary period without any financial contribution from the City. The employee is expected to meet the licensing requirements during the applicable probationary period unless unable to do so as a result of circumstances beyond the employee's control, such as the timing of examinations by a third party.

STEP 7

Stretching the Fabric

The fence fabric will need to be stretched from the terminal post already attached toward the opposite terminal post. Insert a tension bar about 3 feet inside the unattached end of the fabric. Then, securely fasten one end of the fence stretcher to the tension bar and the other end to the terminal post. (SEE FIGURE 9). Now, stretch the fabric. The correct fabric tension should allow a slight amount of give when squeezed by hand. Adjust fabric to exact length by adding or removing wire as described in figure 8. Then insert a tension bar at the end of the fabric and connect to tension bands on terminal post. After removing the fence stretcher fasten fabric securely with tie wires spaced approximately 24" apart along the top rail and 12" apart on each line post (SEE FIGURE 10). Finally, securely tighten nuts on all brace and tensions bands.

Fig. 9

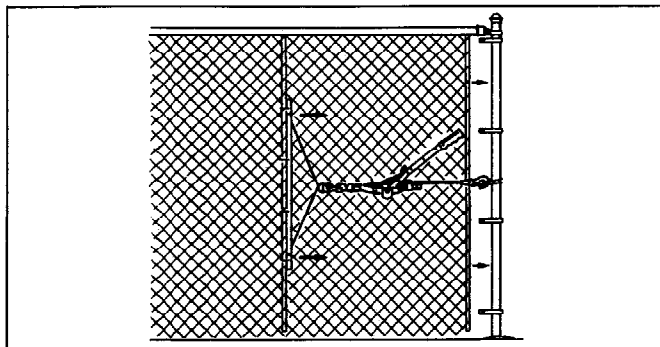
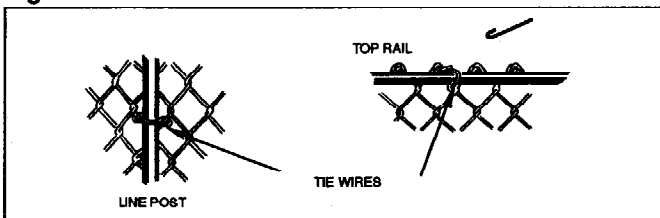


Fig. 10

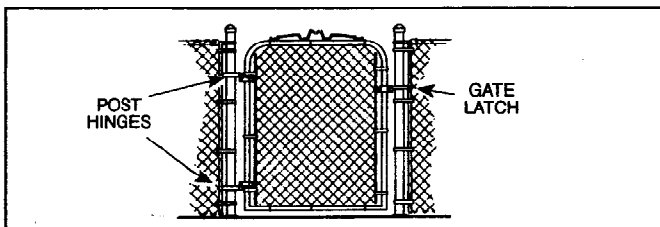


STEP 8



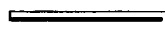
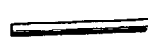
















Hanging Gates

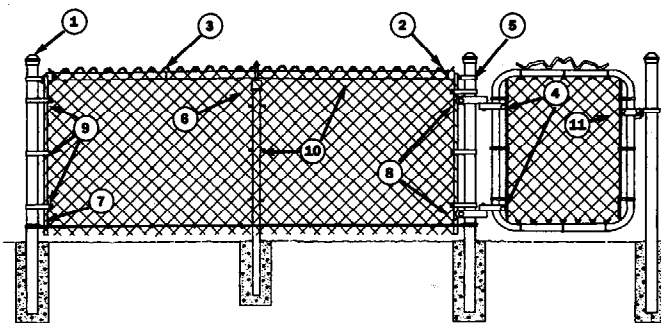
The same installation procedure is used on both single walk and double drive gates (SEE FIGURE 11). Apply post (male) hinges to gate post. To prevent gate from being lifted off, top post hinge should be installed with pin pointing down; bottom post hinge with pin pointing up. Set gate in place, aligning top of gate with top of fence. Adjust hinges to allow for full swing. Position gate latch at convenient height. Tighten all bolts securely.

Fig. 11



ITEMS CHECK LIST

DESCRIPTION	QUANTITY TO USE	QTY. TO BUY
FENCE FABRIC 	Same lineal footage of fence less gate openings. Sold in 50 ft. rolls.	
TERMINAL POST (end, corner, and gate posts) 	As required (2 for each gate)	
LINE POST (intermediate post) 	Divide the total footage of your fence (less gate openings) by 10 and subtract 1. Subtract 1 additional line post for each corner post used. Use of 1 line post is recommended for fences longer than 10 feet.	
TOP RAIL plain or swaged end 	Same lineal footage as fence fabric	
TOP RAIL SLEEVE 	1 for each length of plain end top rail Not needed for swaged end top rail	
TENSION BAR 	1 for each end post 1 for each gate post 2 for each corner post	
SINGLE WALK GATE 	Individual fittings as indicated below	
DOUBLE DRIVE GATE 	Individual fittings as indicated below	
POST CAP 	1 for each terminal post	
EYE-TOP 	1 for each line post	
RAIL END 	1 for each end post 1 for each gate post 2 for each corner post	
BRACE BAND 	1 for each rail end	
TENSION BAND 	For each end post, use 3 for 3', 3 1/2' or 4'; use 4 each for 5' and use 5 each for 6'. Same for gate posts. Double the quantity for corner posts.	
POST HINGE 	2 for single walk gate, 4 for double drive gate	
GATE HINGE 	2 for single walk gate, 4 for double drive gate.	
FORK LATCH 	1 for each walk gate	
FENCE TIE 	1 for every 24" of top rail and 1 for every 12" of line posts	
5/16" X 1 1/4" CARRIAGE BOLT 	1 for each brace band, 1 for each tension band	
3/8" X 2" CARRIAGE BOLT 	1 for each frame hinge	
3/8" X 3" CARRIAGE BOLT 	1 for each post hinge	



- ① POST CAP ⑤ BRACE BAND ⑨ TENSION BAND
- ② RAIL END ⑥ EYE-TOP ⑩ FENCE TIE
- ③ SWAGED END TOP RAIL ⑦ TENSION BAR ⑪ GATE LATCH
- ④ FRAME HINGE ⑧ POST HINGE

Master-Halco produces a wide range of fencing products specifically designed to meet the needs of today's market:

- Galvanized Chain-Link Fencing Systems
- Color Chain-Link Fencing Systems
- Legend® Premium PVC Fencing Systems
- Classic Premier™ Ornamental Fencing Systems
- Decorative Privacy Slats
- Hound Surround® Dog Kennels
- Shade-A-Pet® Protective Kennel Cover
- Gate Operators

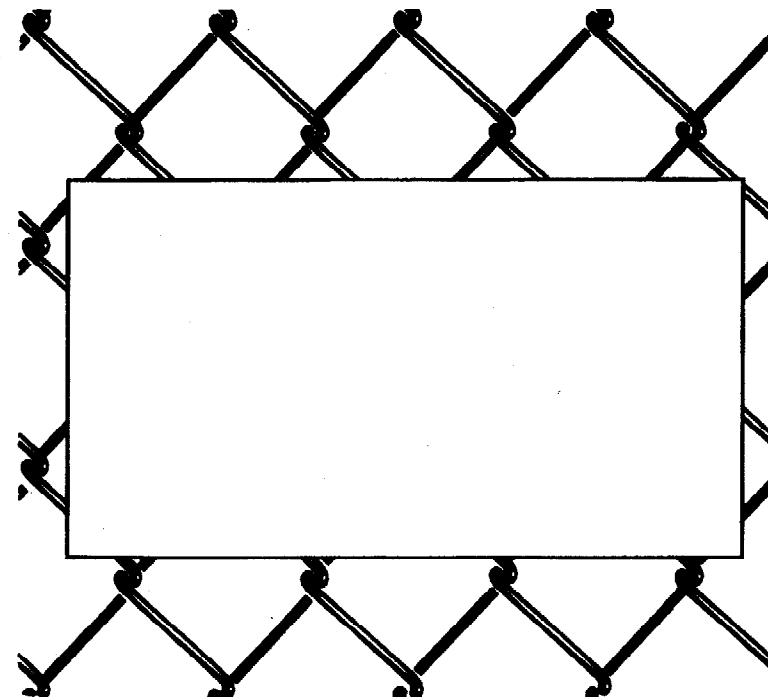
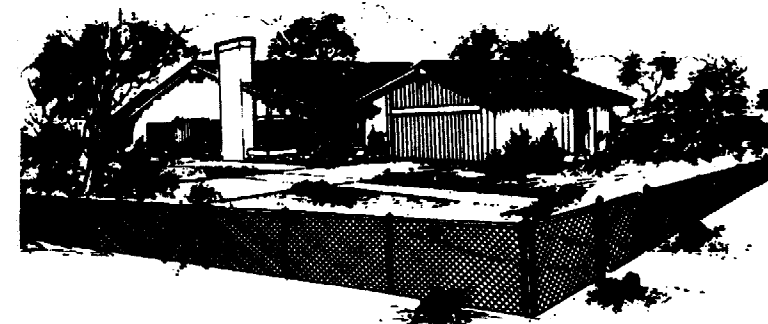
For more information, call 1-888-MH-FENCE (toll-free).



M-H 46103 5/97
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Chain Link Fence Installation Instructions

A Step-by-Step Method



8 EASY STEPS TO INSTALLING CHAIN LINK FENCING

STEP 1

Locating Terminal Posts

(Corner, end, and gate posts are called terminal posts)

Locate the boundary lines to your property. Drive some stakes into the ground along the extension of your property line and stretch a chalk line or string between each stake. Be sure to allow about 24" on the offset (SEE FIGURE 1). It is recommended that all posts be set approximately 4" inside the property line so that concrete footings do not encroach onto any adjoining property.

When determining the positions of gate posts remember that clearance for hinges, latches, etc., is included in the listed width of the gate. Therefore, if you ordered a gate for a 36" opening, the post spacing should be exactly 36", inside post face to inside post face.

Gates come in the following standard widths:

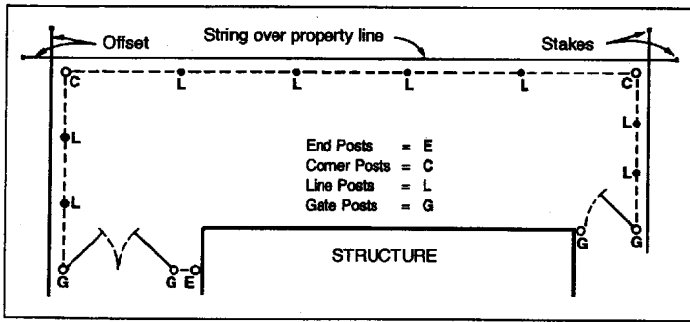
Single walk - 36", 39", 42" and 48"

Double drive - 10 ft. and 12 ft.

In-stock sizes may vary based on local requirements.

Mark the location of each gate post with a small stake.

Fig. 1

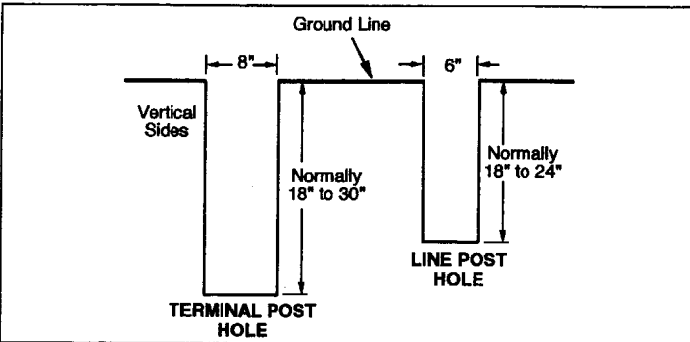


STEP 2

Setting Terminal Posts

Although post depth will be determined by local weather and soil conditions, holes for terminal posts are normally dug 8" wide and 18" to 30" deep with vertical sides (SEE FIGURE 2).

Fig. 2



Now, dig all terminal post holes.

Next, with crayon or chalk, mark the ground line on posts. Height, above level ground, of terminal posts will equal the height of the fence fabric plus 2". Height of line posts (intermediate posts) will equal the height of the fabric minus 2".

Set all terminal posts in concrete. Posts should be centered into the hole. Be sure that the crayon mark remains at ground level. Check the plumb with a carpenter's level. Finally, crown all post footings so that water drains down and away from posts (SEE FIGURE 3).

(For special conditions SEE FIGURE 4.)

Fig. 3

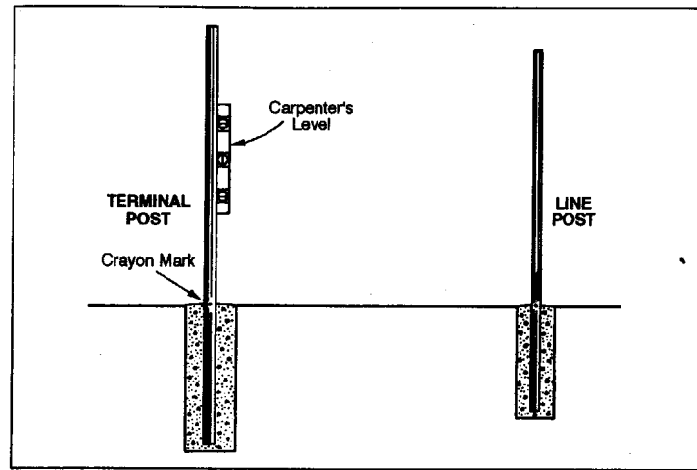
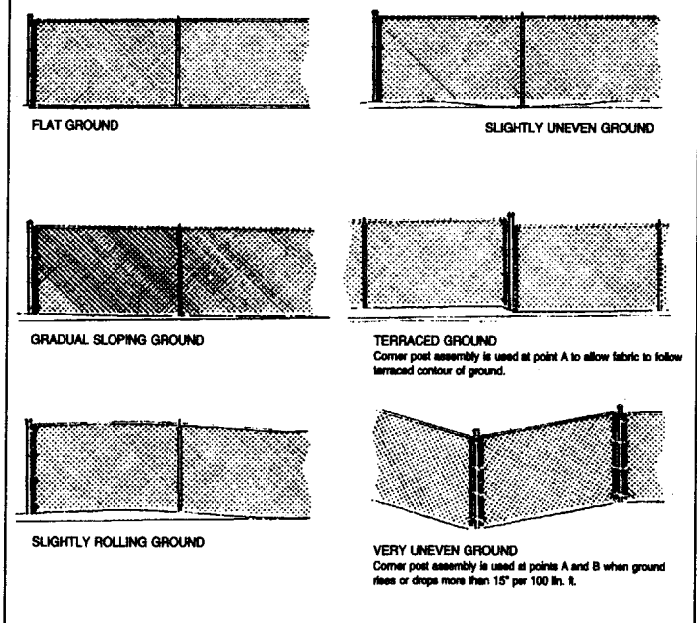


Fig. 4

In all examples shown, tops of terminal post should be 2" above fabric; tops of line posts 2" below top of fabric. Measure without fittings.



STEP 3

Locating and Setting Line Posts (Intermediate Posts)

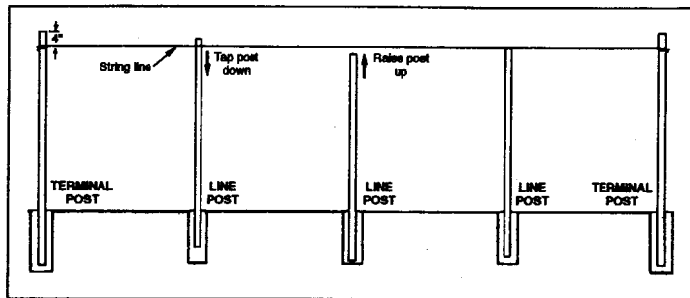
After concrete footings have hardened enough for posts to remain plumb, stretch a string taut between terminal posts. It should be positioned on the outside face of the posts 4" below the top (SEE FIGURE 5).

Measure the distance between terminal posts and refer to Line Post Spacing Chart for exact location of posts.

Mark the locations of all line posts with stakes. Align with the centers of terminal posts.

Now, dig the post holes (normally 6" wide and 18" to 24" deep) and set the line posts. Before concrete begins to set, adjust post height by carefully moving post up or down in footing. Top of line posts should be even with string; outside face approximately 1/4" inside. Check plumb with carpenter's level. Crown footings as in step 1.

Fig. 5



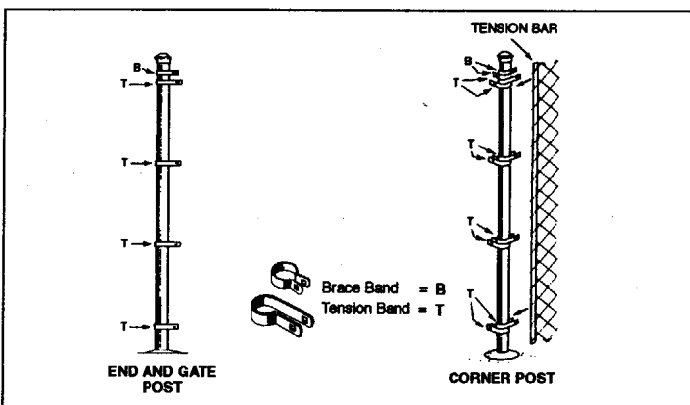
STEP 4

Adding Fittings to Terminal Posts

Please refer to materials check list for the description and quantity of fittings that are required for various post types and heights.

After concrete footings have been allowed to sufficiently harden, slip the tension bands onto the terminal posts. The long flat surface of the tension band should face toward the outside of the fence. Next, add brace bands (SEE FIGURE 6). Take care not to spread or distort the fittings. Now apply all post caps.

Fig. 6

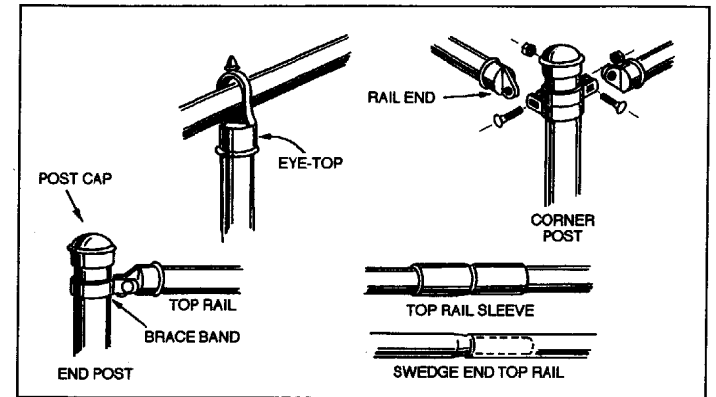


STEP 5

Apply Top Rail

Place eye-top fitting on the end of each line post. The flat side of the eye-top should be toward the outside of the fence (SEE FIGURE 7). Insert one length of top rail pipe through the eye-tops closest to a terminal post. Slip a rail end onto the end of the top rail and attach it to a terminal post by using the brace band. Secure by using a 3/8" x 1 1/4" carriage bolt (SEE FIGURE 7). Continue by forcing lengths of swedge end top rail together through the eye-tops. (If swedge end top rail is not used, join lengths together with top rail sleeve.) Upon reaching the next terminal post, measure carefully and cut the top rail to fit tightly between the last length of top rail and the rail end fastened to the brace band on the terminal post. Secure in place with a carriage bolt.

Fig. 7



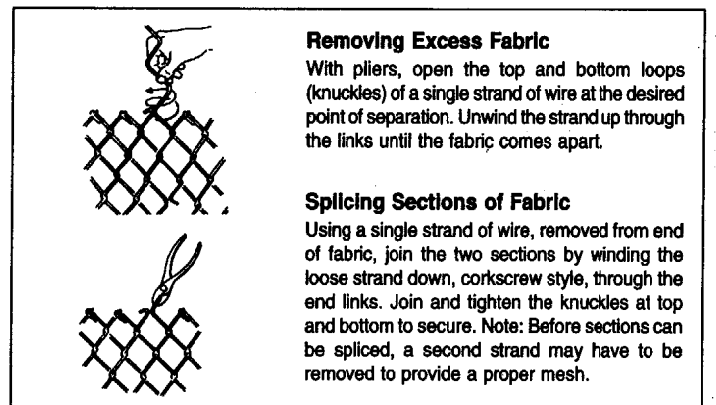
STEP 6

Hanging Fence Fabric

Starting at a terminal post, unroll chain link fabric on the ground along the outside of the fence line to next terminal post. Then, slide a tension bar through the first row of chain link. Fasten evenly spaced tension bands (already on the post) to the tension bar, fabric combination. Use 3/8" x 1 1/4" carriage bolts; heads to the outside of the fence.

Now, walk along the fabric and stand it up against the fence frame, taking out the slack as you go. Loosely attach fabric to top rail with a few tie wires to hold it in place. Next, separate enough fabric from the roll to span the opening between the terminal posts. It is not necessary to cut wire (SEE FIGURE 8).

Fig. 8



Removing Excess Fabric

With pliers, open the top and bottom loops (knuckles) of a single strand of wire at the desired point of separation. Unwind the strand up through the links until the fabric comes apart.

Splicing Sections of Fabric

Using a single strand of wire, removed from end of fabric, join the two sections by winding the loose strand down, corkscrew style, through the end links. Join and tighten the knuckles at top and bottom to secure. Note: Before sections can be spliced, a second strand may have to be removed to provide a proper mesh.