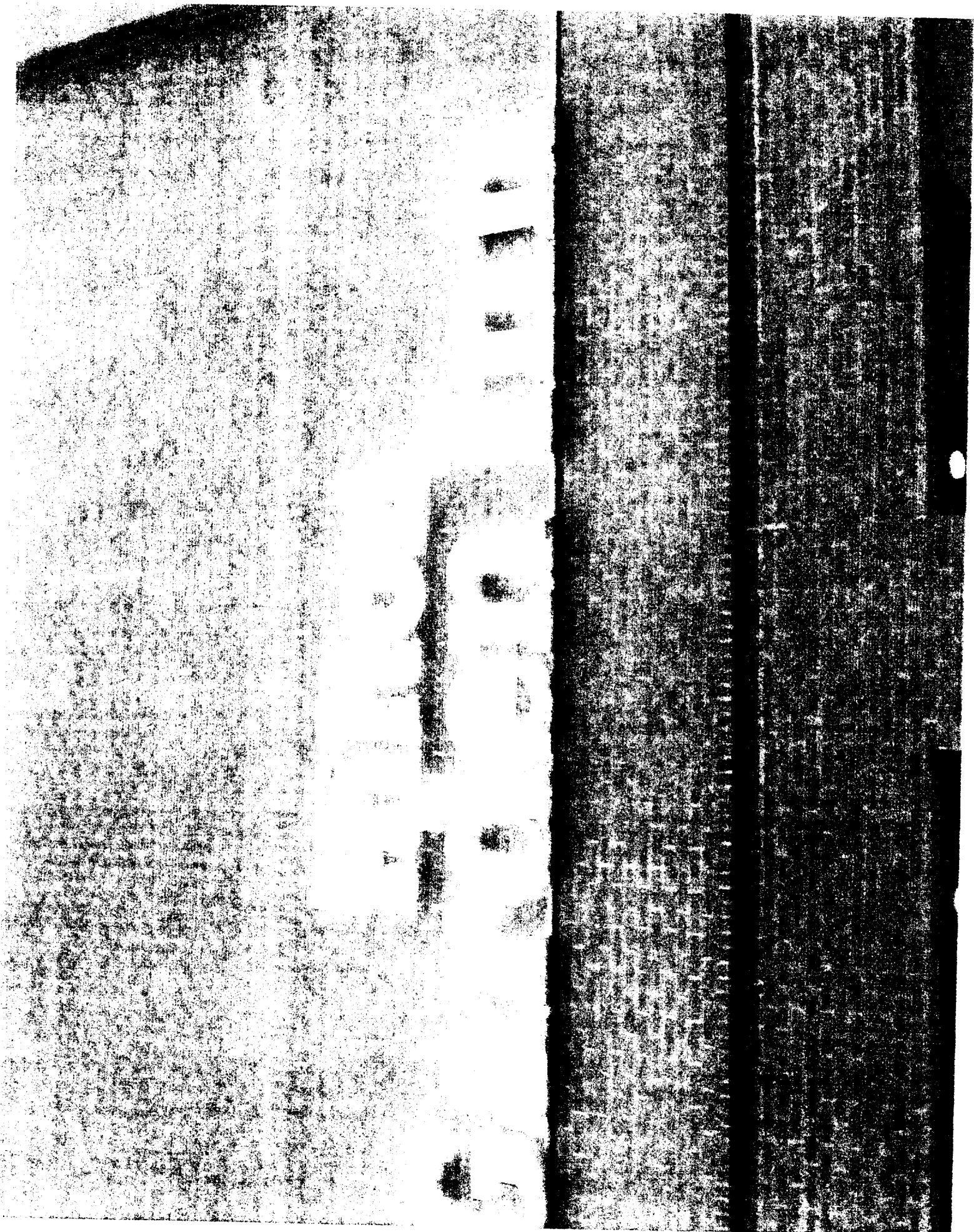




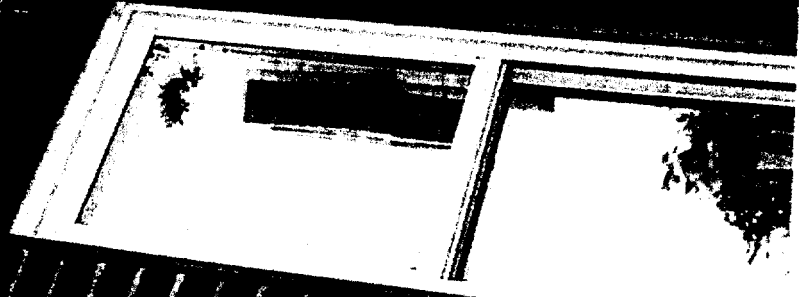
**AAA BUILDING**



# Hilton Garboden Inn

49 DARTMOUTH

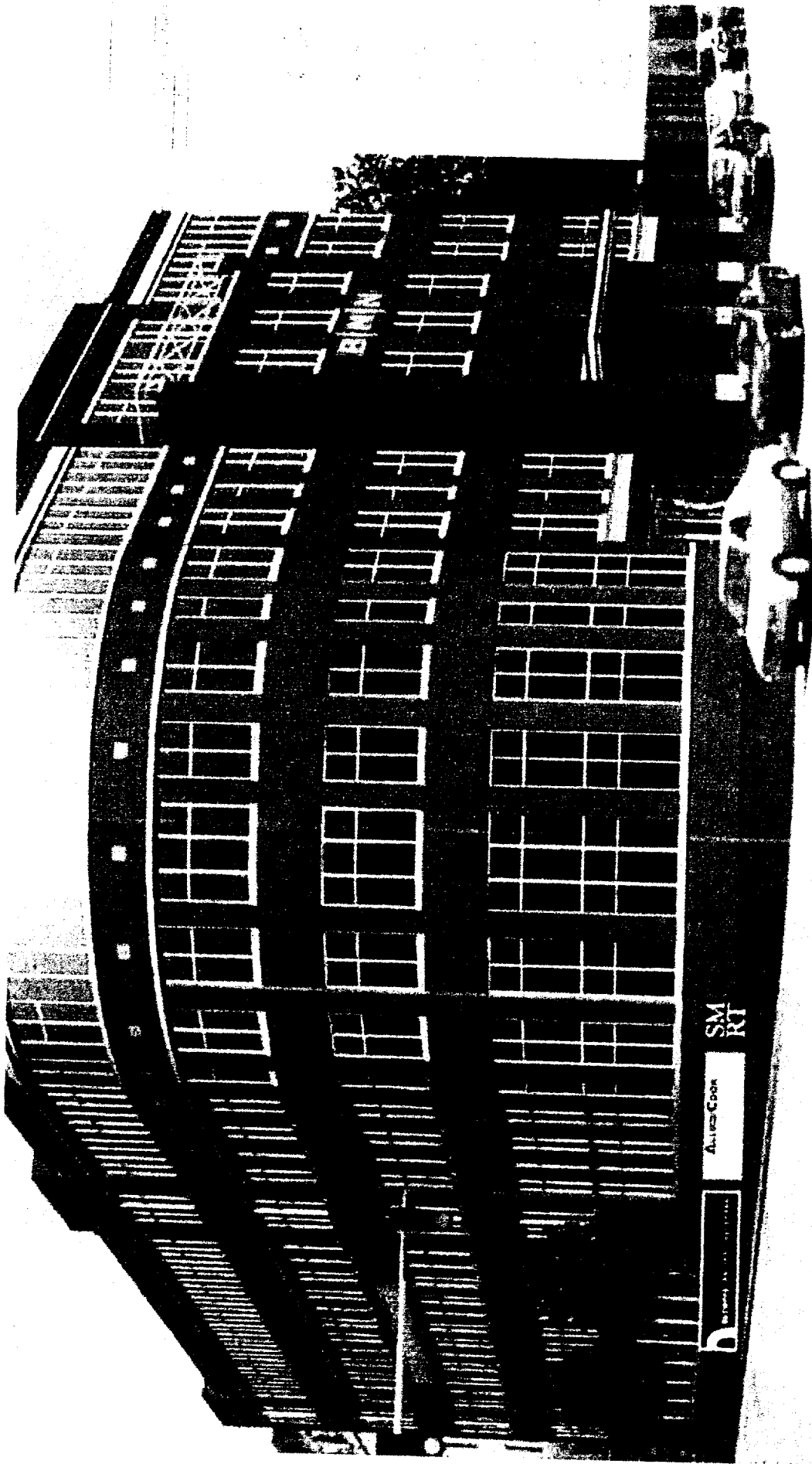
SPRINKLER  
FIRE-ALARM  
WHEN BELL RINGS  
POLICE OR FIRE DEPT





SPRINKLER  
FIRE-ALARM  
WHEN BELL RINGS  
CALL  
POLICE & FIRE DEPT





PAR/ BY: \_\_\_\_\_  
DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_  
CONTRACT/CONTRACT # \_\_\_\_\_

Approbation / Approval BY/PAR: \_\_\_\_\_ DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_



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## TAPCON® CONCRETE SCREWS

The TapCon brand concrete screw cuts threads in a predrilled hole in concrete, brick or block. The screw has alternating raised and lowered threads with diamond cut notches which provide exceptional holding power and stability. The TapCon brand concrete screw is available in both 3/16" or 1/4" diameters with either a flat phillips #3 countersunk or a 5/16" hex washer head. All screws are plated using the Stalgard coating which provides extended life and additional lubricity for ease of installation. TapCon screws are also available in 410 stainless steel finished with a silver Stalgard. The stainless steel screws have shown no red rust in salt spray test performed at a certified A2LA laboratory per ASTM B117 specifications.

### TECHNICAL INFO

**Applications:** Light to medium duty in concrete, brick and block.

**Installation:** (1) Drill hole into base material using the drill bit provided with the screws. The depth of the hole must be at least 1/4" deeper than the TapCon embedment (2) Place object to be fastened over hole. (3) Insert point of Tapcon into hole and drive screw in using a nut drive or #3 bit tip. Do not over torque the screw.

**Screw Length:** The length of the TapCon fastener to be used is determined by combining the thickness of the material to be attached with the desired depth of embedment in the base material. It is recommended that a minimum of 1" and a maximum of 1-3/4" embedment be used in determining fastener length. The diameter of the fastener and the depth of embedment affect pullout strengths. A carbide-tipped drill bit is supplied with each box of TapCon fasteners. The correct hole must be drilled for the screw to obtain holding values. In all cases the hole must be at least 1/4" deeper than the depth of the fastener embedment.

### TECHNICAL DATA PULLOUT VALUES

SIZE	EMBEDMENT	CONCRETE 3725 PSI	HOLLOW BLOCK
3/16"	1"	380 lb.	229 lb.
3/16"	1-3/4"	1090 lb.	521 lb.
1/4"	1"	585 lb.	499 lb.
1/4"	1-3/4"	2100 lb.	801 lb.

### SHEAR VALUES

SIZE	EMBEDMENT	CONCRETE 3725 PSI	HOLLOW BLOCK
3/16"	1-3/8"	875 lb.	690 lb.
1/4"	1-3/4"	1824 lb.	1059 lb.

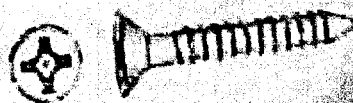
All pullout values are based on close-tolerance holes drilled with Elco carbide tipped drill bits. Designated holding power depends on the quality of the masonry material, depth of embedment, and proper hole size. These figures are offered only as a guide and are not guaranteed by Elco Textron. The figures indicate average pullout and shear failure values. A safety factor of 4:1, or 25% of ultimate pullout value, is generally accepted as a safe working load, however, reference should always be made to applicable codes for the specific safe working ration.

Fastening Products

SCRU-IT ANCHORS

HEAD  
TETE

PF



1/4 X 6"

SCP 146

QTY: 100



BATCH: 1472

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