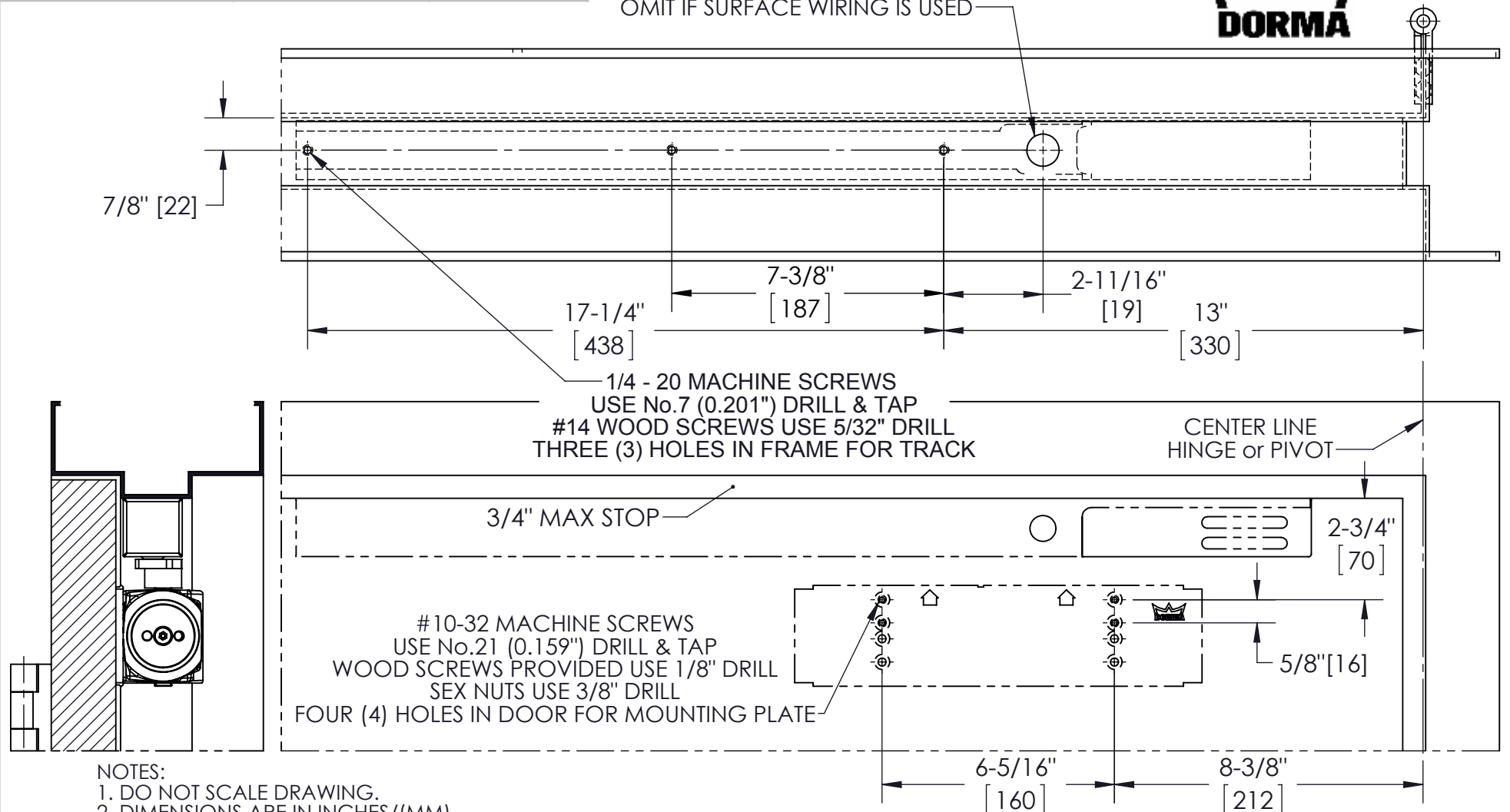


7/8" DIA HOLE FOR WIRE ACCESS.  
OMIT IF SURFACE WIRING IS USED



NOTES:

1. DO NOT SCALE DRAWING.
2. DIMENSIONS ARE IN INCHES/(MM).
3. CAUTION: SEX NUTS ARE REQUIRED FOR ATTACHMENT OF COMPONENTS TO UNREINFORCED DOORS AND TO WOOD OR PLASTIC FACED COMPOSITE TYPE FIRE DOORS, UNLESS AN ALTERNATIVE METHOD IS IDENTIFIED IN THE INDIVIDUAL DOOR MANUFACTURER'S LISTINGS.
4. CAUTION-DORMA RECOMMENDS FRAME REINFORCEMENT (BY OTHERS) TO BE SUPPLIED AND IN PLACE BEFORE FRAME IS INSTALLED.
5. TEMPLATE FOR 4-1/2" X 4-1/2" BUTT HINGES AND 3/4" OFFSET PIVOTS.
6. MINIMUM DOOR WIDTH 30".
7. HOLD OPEN RANGE 80°-95°.
8. MAXIMUM OPENING 110°.
9. RIGHT HAND DOOR SHOWN

DOOR CLOSER MODELS: TS93 EMR/PT  
TRACK INSTALLATION (PUSH SIDE MOUNT)  
WITH SMOKE DETECTOR

DORMA USA, Inc.  
Reamstown, PA 17567

Toll-Free: (800) 523-8483  
Facsimile: (800) 274-9724

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