



- GENERAL NOTES:
- DOOR INSTALLATION  
HOST BUILDING WALL CONSTRUCTION:  
A. PRE-CAST CONCRETE; DOOR WILL BE INSTALLED WITH EPOXY ANCHORS.  
B. STUD AND DRYWALL CONSTRUCTION; ADDITIONAL SUPPORT BY OTHERS MAY BE NECESSARY.  
C. CMU BLOCK; DOOR WILL BE INSTALLED USING THRU-BOLTS.
  - JAMB/HEADER CONDITIONS REQUIRED TO MOUNT DOOR ASSEMBLY IS BY OTHERS.
  - WALL PREPARATION FOR PROPER MOUNTING AND SMOOTH OPERATION IS BY OTHERS.
  - DOOR SUPPORT ANGLE, LINEAR RAIL, URETHANE POWER TRANSMISSION BELT AND GEAR MOTOR SHIP FACTORY ASSEMBLED.
  - DOOR LEAF SHIPS AS ONE (1) OR MORE SLABS THAT ARE FIELD HUNG AND BOLTED TOGETHER USING PROVIDED FASTENERS.
  - ROUGH/CLEAR OPENING FINISH BY OTHERS.
  - WALL FACE REQUIREMENT; SMOOTH AND PLUMB WITHIN  $\frac{1}{8}$ " OVER ENTIRE DOOR ATTACHMENT AREA (NON-CUMULATIVE)

- DOOR DESIGN:
- DOOR OPEN/CLOSE SPEED = 6-8 INCHES/SECOND
  - DOOR ASSEMBLY INCLUDES MOTION/OBSTRUCTION DETECTOR - ONE (1) TWO (2) ON EACH SIDE OF HOST WALL.
  - DOOR MINIMUM THICKNESS IS 4" UP TO 7" DEPENDING ON SIZE AND ACOUSTIC RATING.
  - DIMENSION OF DOOR/TRACK/MOTOR OFF FACE OF HOST BUILDING WALL IS 8" TO 15" DEPENDING ON SIZE AND ACOUSTIC PERFORMANCE.
  - DOOR WIDTH IS 12" GREATER THAN CLEAR OPENING WIDTH.
  - DOOR HEIGHT IS 6" GREATER THAN CLEAR OPENING HEIGHT.
  - ESTIMATED WEIGHT
    - TRACK SYSTEM AND MOTOR = 30LBS/FT.
    - DOOR = 20LBS - 24LBS/SQ. FT.
  - FACTORY FINISH: GRAY PRIMER COAT

# MECHANICAL LAYOUT

**PROPRIETARY**

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REVISIONS	DESCRIPTION	DATE	BY
ORIGINAL/INITIAL		10/6/15	MD
REVISION 1		7/18/16	MD

DESCRIPTION		DESCRIPTION	
NOISE BARRIERS, LLC QUIET SLIDE SEIRES SLIDING DOOR		CUSTOMER	
DRAWN BY	MDD	SCALE	N.T.S.
DATE	9/27/2018	SHEET	1 OF 4
PROJECT NO.		XXXX	

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