

ELECTRICAL CONTROL BOX  
REFER TO SHEET 2 OF 2 FOR  
ELECTRICAL REQUIREMENTS

ELECTRICAL PROVIDED BY OTHERS

ELECTRICAL PROVIDED BY NOISE BARRIERS

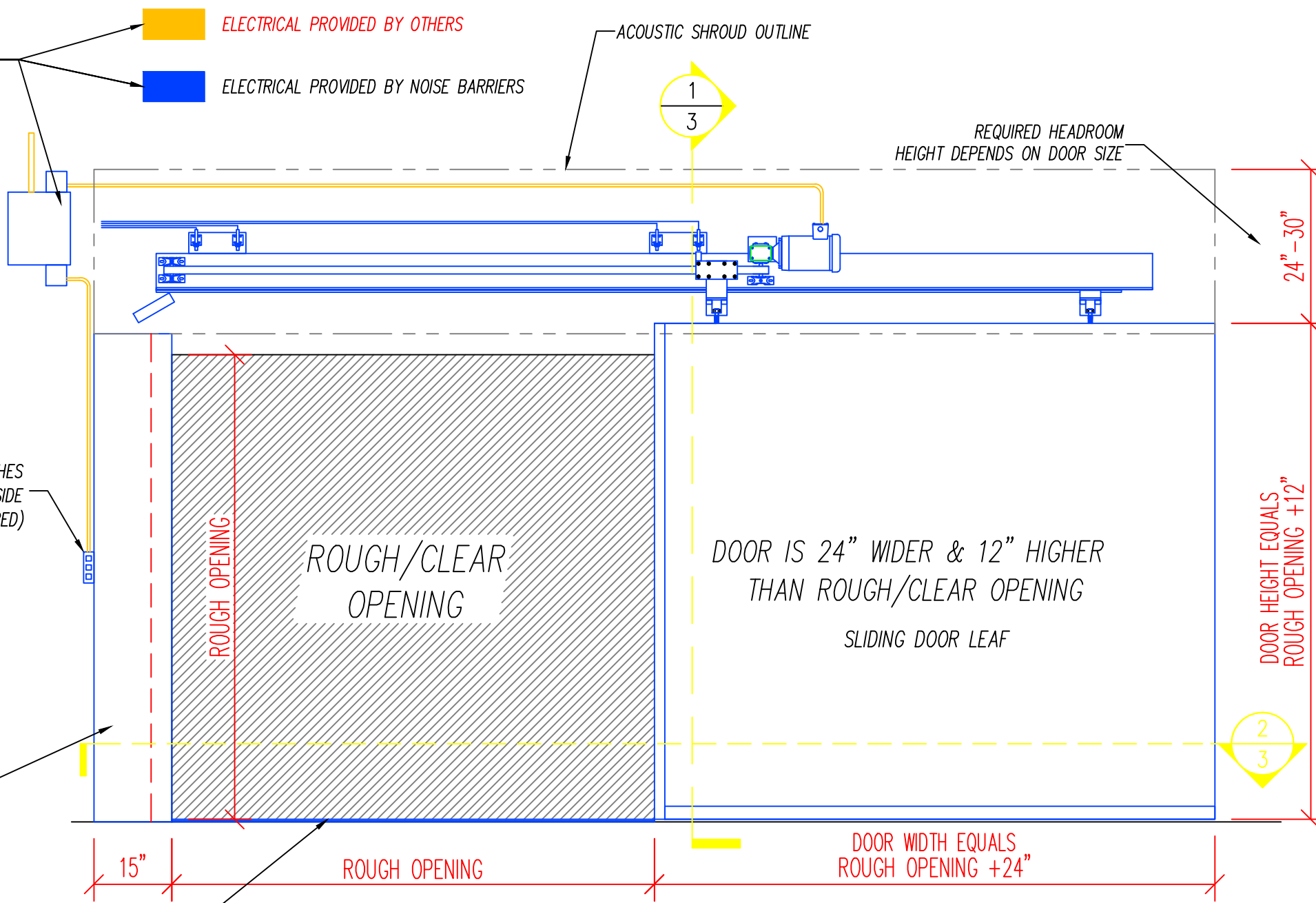
ACOUSTIC SHROUD OUTLINE

REQUIRED HEADROOM  
HEIGHT DEPENDS ON DOOR SIZE

OPEN/CLOSE/STOP SWITCHES  
ONE OR TWO (ONE ON EACH SIDE  
OF WALL IF REQUIRED)

ACOUSTIC LABYRINTH  
DOOR CAPTURE POCKET

ALUMUNUM THRESHOLD



ROUGH/CLEAR  
OPENING

DOOR IS 24" WIDER & 12" HIGHER  
THAN ROUGH/CLEAR OPENING  
SLIDING DOOR LEAF

ROUGH OPENING

DOOR HEIGHT EQUALS  
ROUGH OPENING +12"

DOOR WIDTH EQUALS  
ROUGH OPENING +24"

GENERAL NOTES:

DOOR INSTALLATION:

1. IF HOST BUILDING WALL IS SOLID CONCRETE, DOOR WILL BE INSTALLED WITH WEDGE ANCHORS.
2. IF HOST BUILDING WALL IS FILLED CMU, DOOR WILL BE INSTALLED USING THRU-BOLTS.
3. JAMB/HEADER CONDITIONS REQUIRED TO MOUNT DOOR ASSEMBLY IS BY OTHERS.
4. WALL PREPARATION FOR PROPER MOUNTING AND SMOOTH OPERATION IS BY OTHERS.
5. DOOR SUPPORT ANGLE, LINEAR RAIL, URETHANE POWER TRANSMISSION BELT AND GEAR MOTOR SHIP FACTORY ASSEMBLED.
6. DOOR LEAF SHIPS AS ONE (1) OR MORE SLABS THAT ARE FIELD HUNG AND BOLTED TOGETHER USING PROVIDED FASTENERS.
7. ROUGH/CLEAR OPENING FINISH BY OTHERS.

DOOR DESIGN:

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

# MECHANICAL LAYOUT

**PROPRIETARY**  
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DESCRIPTION	DATE	BY
ORIGINAL/INITIAL	10/6/15	MD

DESCRIPTION		
NOISE BARRIERS, LLC QUIET SLIDE SEIRES SLIDING DOOR		
CUSTOMER		
DRAWN BY	SCALE	PROJECT NO.
MDD	N.T.S.	XXXX
DATE	SHEET	
11/03/2015	1 OF 3	

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