

INCLINATOR
COMPANY OF AMERICA
HARRISBURG, PA

ORDER REFERENCE

PROJECT: BI-PARTING
DOORS & GATES

GENERAL
CONTRACTOR: —

EQUIPMENT INSTALLED
BY: —

SPECIFICATIONS

MODEL: DW-500

LANDINGS: 2

CODE(S): 1 (BI-PARTING GATES)

CAPACITY: 500#

SPEED: AT 33 F.P.M.±4

SUSPENSION 1 WIRE ROPE 5,700 T.S. IMP.PLOW
MEANS: STEEL 1/4" x 8 x 19 WSC

CAR CONSTRUCTION: STAINLESS STEEL

NOTE: ALL MANUFACTURER SUPPLIED CAR AND EQUIPMENT OPTIONS ARE
NOTED ON THE CONFIRMING ORDER SHEET.

DISCLAIMER: ONCE DRAWINGS HAVE BEEN APPROVED,
SIGNED AND WITHIN 5 DAYS OF PRODUCTION, THE
CUSTOMER WILL BEAR ALL RESPONSIBILITY AND LIABILITY
OF FINISHED UNIT.

PLEASE REFER ANY QUESTION TO YOUR
SALES REPRESENTATIVE

☐ APPROVED

☐ UNAPPROVED

SIGNATURE

DATE

DWG VIEW

COVER SHEET

PART NUMBER

80205321

REV.DATE

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DRAWING TITLE

BI-PARTING DOORS/GATES

DRAWING NO.

TYPICAL

PAGE:

1/4

DRAWN BY:

J.PETTYJOHN

DWG. DATE

04/07/2008

JOB OR APP.#

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DEALER P.O.#

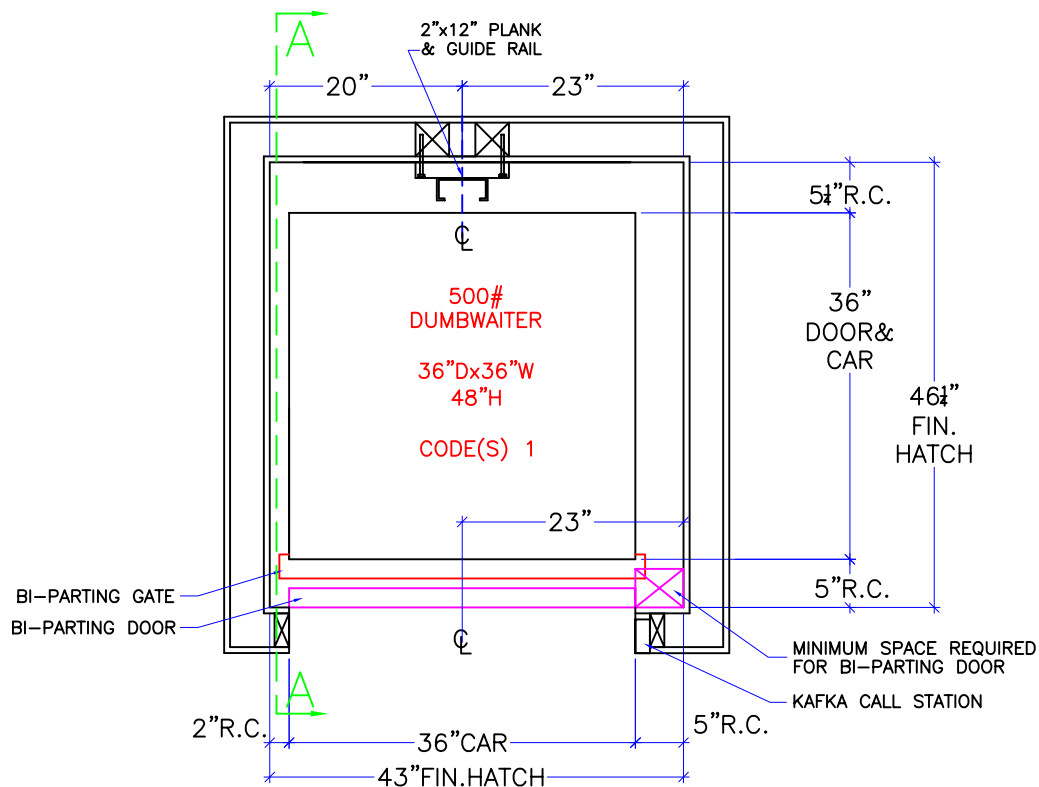
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DWG. SCALE

1:24

REV.LEVEL(1-3)

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NOTE:
2" RUNNING CLEARANCE
MUST BE REDUCED TO
1/2" MIN./1 1/2" MAX.
AT THE LANDING LEVELS.

NOTE:
ALL HOISTWAY CONSTRUCTION MUST COMPLY WITH NATIONAL, STATE,
AND LOCAL
CODES. HOISTWAY MUST BE PLUMB AND STRAIGHT FROM TOP TO
BOTTOM WITH NO PROJECTIONS INTO THE HOISTWAY.

NOTE:
G.C. TO BUILD OUT HOISTWAY
AS NEEDED TO MAINTAIN 3"
REQUIRED FOR STABILIZER.

NOTICE TO ELECTRICAL CONTRACTOR:

- ALL ELECTRICAL WIRING MUST BE DONE BY A JOURNEYMAN MECHANIC AND MUST MEET ALL NATIONAL, STATE, AND LOCAL CODES.
- BRING (3) #10 W/GND FROM RESIDENCE INCOMING POWER PANEL 30AMP BREAKER(240V, NEUTRAL, GROUND)TO THE MACHINE ROOM.
- BRING (2) #12 W/GND FROM RESIDENCE INCOMING POWER PANEL 20AMP GFI BREAKER(120V, NEUTRAL, GROUND)TO THE MACHINE ROOM.
- REQUIRED LOW VOTAGE WIRING IS SUPPLIED BY MANUFACTURER. ALL EXTENSIONS ADDITIONS, ETC. SHALL BE DONE WITH THE SAME SIZE AND TYPE OF WIRE AS ORIGINALLY SUPPLIED BY THE MANUFACTURER.
- ALL MEANS FOR ACCESS TO EQUIPMENT SHALL BE PROVIDED WITH A LOCK. ALL SHAFT DOORS MUST BE INTERLOCKED.

DWG VIEW

HOISTWAY LAYOUT

PART NUMBER

80205321

REV.DATE

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DRAWING TITLE

BI-PARTING DOORS/GATES

DRAWING NO.

TYPICAL

PAGE:

2/4

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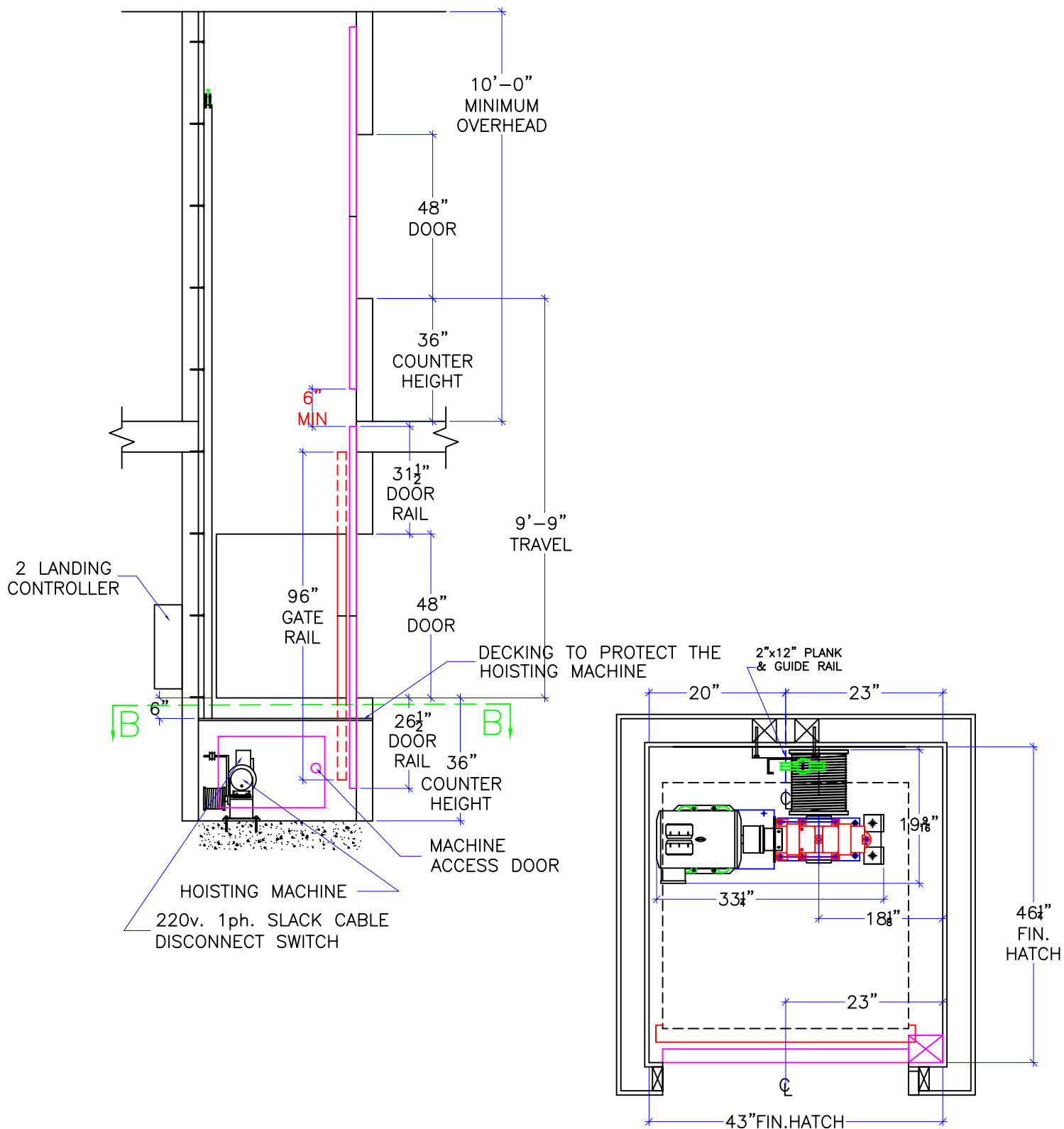
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DWG. SCALE

1:24

REV.LEVEL(1-3)

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DWG VIEW

SECTION A-A

PART NUMBER

80205321

REV.DATE

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DRAWING TITLE

BI-PARTING DOORS/GATES

DRAWING NO.

TYPICAL

PAGE:
3/4

DRAWN BY:
J.PETTYJOHN

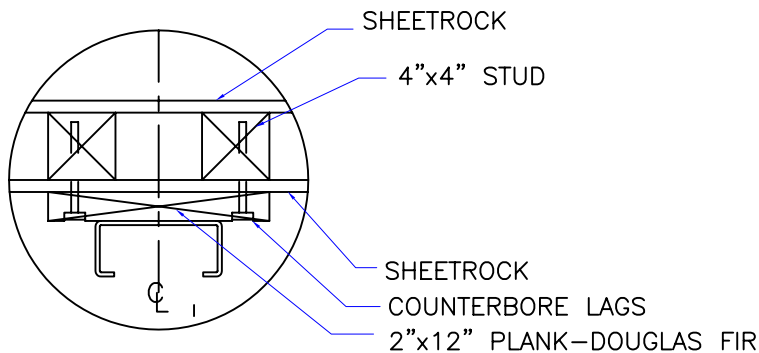
DWG. DATE
04/07/2008

JOB OR APP.#
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DEALER P.O.#
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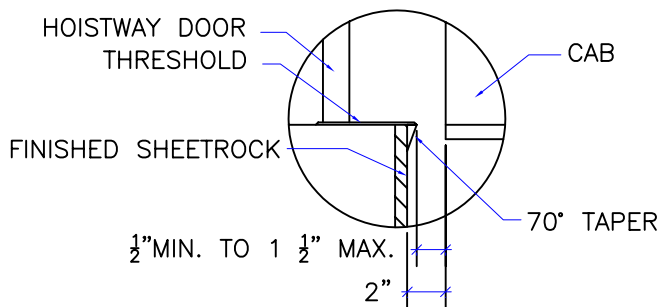
DWG. SCALE
1:24

REV.LEVEL(1-3)
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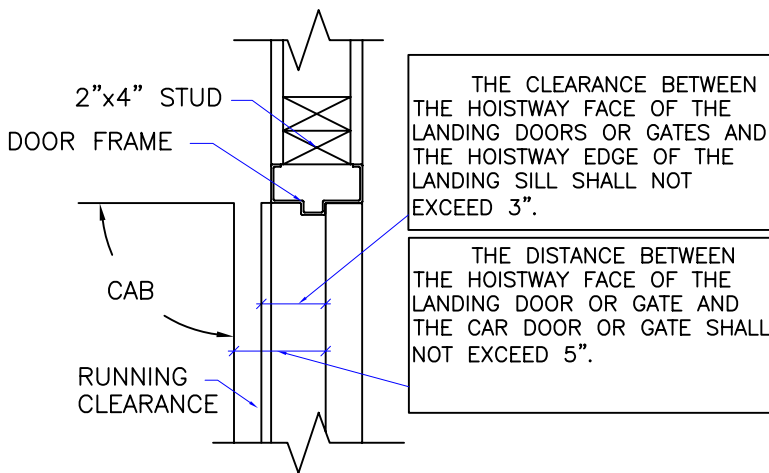
NOTE:
WHEN STUD AND SHEETROCK CONSTRUCTION
IS USED ON THE GUIDE RAIL SUPPORT WALL
4"x4" STUDDING IS NEEDED BEHIND THE
2"x12" PLANK.

RAIL DETAIL



DOOR SILLS TO BE INSTALLED BY G.C.
AFTER LIFT SUPPLIER HAS INSTALLED
A RUNNING PLATFORM. SILL TO BE
BROUGHT OUT TO NOT LESS THAN 1/2"
AND NOT MORE THAN 1 1/2" TO THE
RUNNING PLATFORM.

SILL DETAIL



DOOR FRAME DETAIL

1. REACTIONS ON ALL SHEAVES AND MOUNTINGS
STATIC = 1,100 LBS.
IMPACT = 2,200 LBS.
2. RAIL FASTENING TO 2" x 12" PLANK
#14 x 1 3/4" TYPE A S.M.S. RAIL IS PRE-
DRILLED AT FACTORY.
3. BOLT FASTENING OF CAR TO TROLLEY
1/2" - 13 x 4" SOCKET HD CAP SCREWS.

TECHNICAL DATA

DWG VIEW				PART NUMBER		REV.DATE	
DETAILS, DATA, CODES				80205321		-	
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BI-PARTING DOORS/GATES				TYPICAL		-	
PAGE:	DRAWN BY:	DWG. DATE	JOB OR APP.#	DEALER P.O.#	DWG. SCALE	REV.LEVEL(1-3)	
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