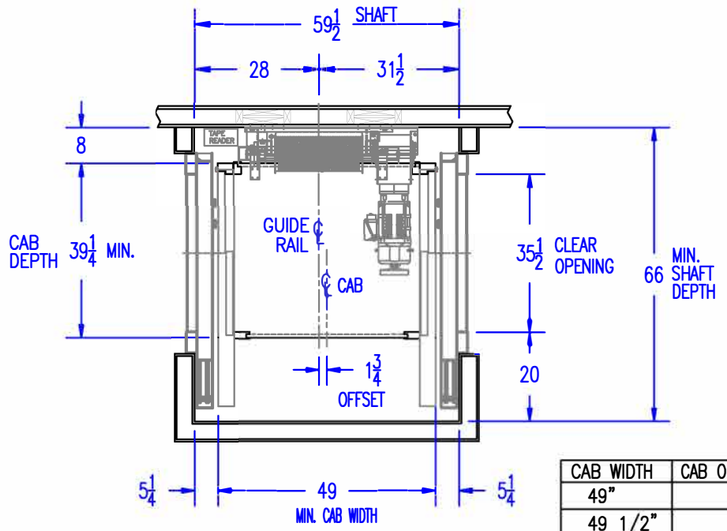
2-SPEED DOORS - 6'8" OR 8' DOOR OPTION

TABLE 5

MINIMUM OVERHEAD REQUIRED								
		GATE CODE						
	DOOR DESCRIPTION	1	2	3	4	5	6	3 & 6
1	36 x 96 2SP	10'-1"	10'-1"	10'-1"			10'-1"	10'-5"
2	36 x 84 2SP	9'-1"	9'-1"	9'-1"			9'-1"	9'-5"
3	36 x 80 2SP	8'-9"	8'-9"	8'-9"			8'-9"	9'-1"

④



2 SPEED / CODE 3 & 6

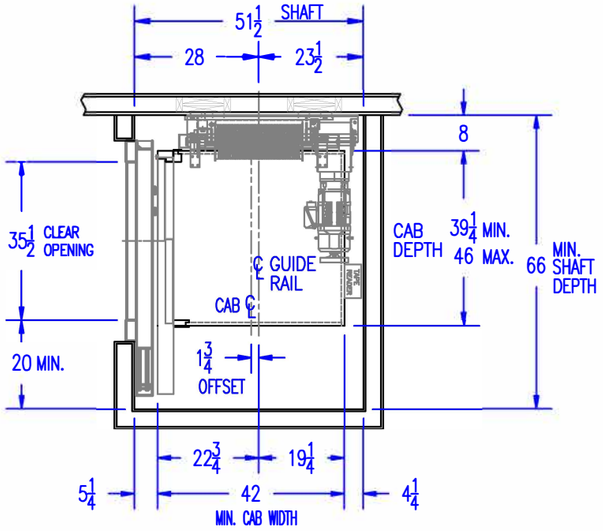
CAB WIDTH	CAB OFFSET REQUIRED
49"	1 3/4"
49 1/2"	1 1/2"
50"	1 1/4"
50 1/2"	1"
51"	3/4"
51 1/2"	1/2"
52"	1/4"
52 1/2"	0

REVISIONS				
REV	DATE	ECN	DESCRIPTION OF CHANGE	BY
C	3/16/21	1003	New Drawing showing details per Spreadsheet (P/N 25211791). Revised Minimum Car/Shaft Sizes W/ Offset Car dimension as needed.	BWW
D	9/8/21	1008	Added Dwg's -4 & -5 for Landing Entrance Minimum Height requirements	BWW

NOTE:

1. FOR THE OHCD ELEVATOR W/SUMITOMO GEARMOTOR ALONG WITH 2-SPEED VICTORY DOOR ENTRANCES AND OPERATOR.
2. DRAWINGS SHOW THE MINIMUM CAR/SHAFT DEPTH AND WIDTH ALLOWED BASED ON GATE CODE.
3. WITH SMALLER SHAFTS, THE CAB MAY NEED TO BE OFFSET ON THE PLATFORM FRAME. THE AMOUNT OF OFFSET, AT THE SHAFT MIN. WIDTH, IS SHOWN ON THE DRAWING. THE TABLES SHOW THE CAB OFFSET VERSUS CAB WIDTH IN 1/2" INCREMENTS.
4. SEE TABLE 5 FOR MINIMUM OVERHEAD BASED ON DOOR HEIGHT & GATE CODE.
5. GATE CODES 4 & 5 ARE NOT AVAILABLE WITH 2 SPEED SLIDING DOORS DUE TO THE 20" SPACE NEEDED FOR DOORS IN OPENED POSITION AND CAB DEPTH NECESSARY TO MEET THE 35-1/2" CLEAR OPENING.
6. A MAXIMUM OF TWO (2) SETS OF DOORS MAY BE INSTALLED ON A OHCD AS LONG AS THEY ARE ACROSS FROM ONE ANOTHER.

①

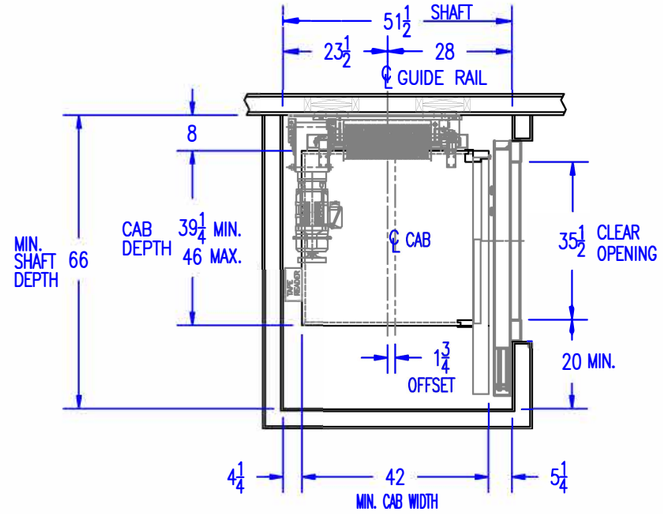


2 SPEED / CODE 6

SEE NOTE 5

CAB WIDTH	CAB OFFSET REQUIRED
42"	1 3/4"
42 1/2"	1 1/2"
43"	1 1/4"
43 1/2"	1"
44"	3/4"
44 1/2"	1/2"
45"	1/4"
45 1/2"	0

②

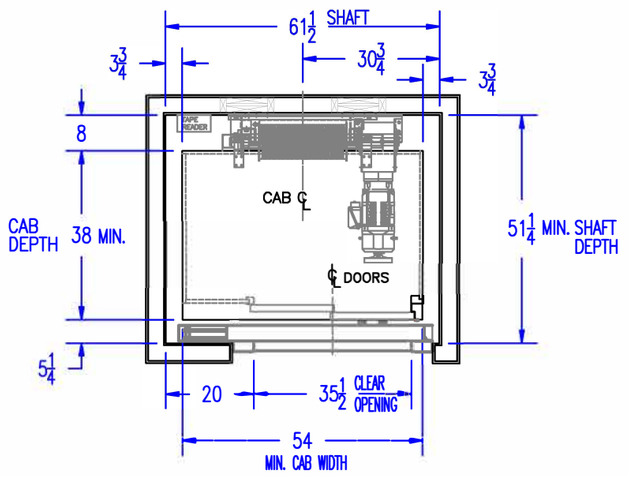


2 SPEED / CODE 3

SEE NOTE 5

CAB WIDTH	CAB OFFSET REQUIRED
42"	1 3/4"
42 1/2"	1 1/2"
43"	1 1/4"
43 1/2"	1"
44"	3/4"
44 1/2"	1/2"
45"	1/4"
45 1/2"	0

③

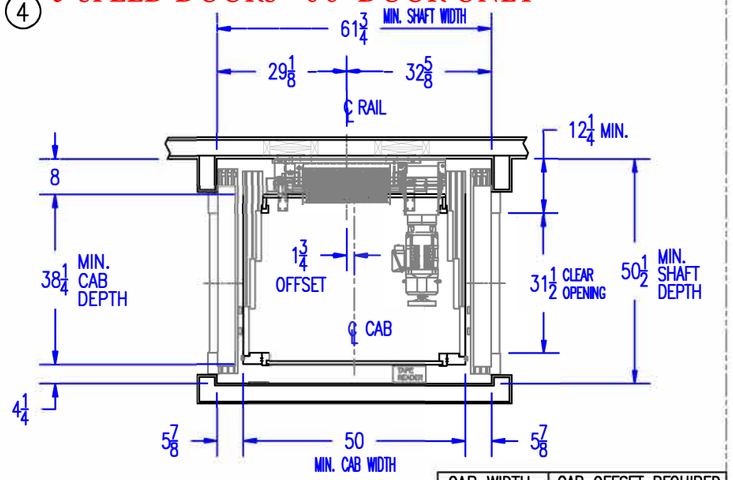


CODE 2 SHOWN
CODE 1 SYM. OPP.

2 SPEED / CODE 1 or 2

MATERIAL SPEC.	PART NUMBER					DWG. DATE 3/16/2021
INCLINATOR COMPANY OF AMERICA HARRISBURG, PA	DRAWING TITLE: 2 SPEED DOORS MINIMUM SHAFT & CAB DIMENSIONS CAB & HOISTWAY W/ VICTORY DOORS OHCD ELEVATOR W/SUMITOMO DRIVE					DRAWING NO. 25211791-1
DRAWN BWW	CHECKED	DESIGNED	APPROVED	INITIAL ECN	DWG. SCALE NONE	REV. LEVEL D

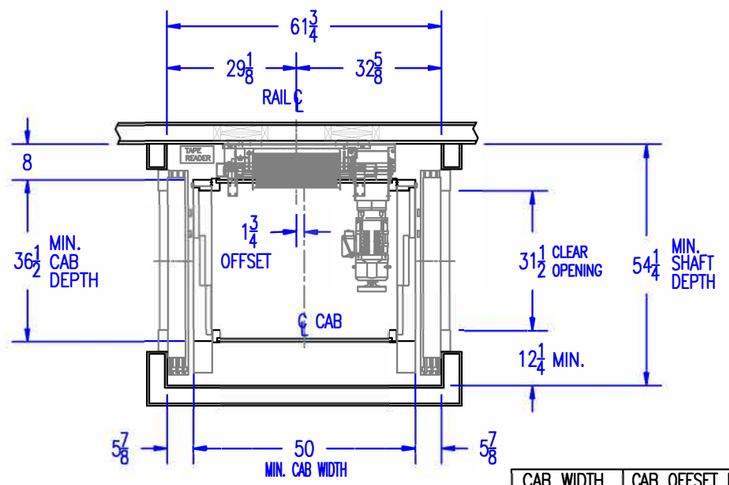
④ 3-SPEED DOORS - 6'8" DOOR ONLY



32 x 80 3SP / CODE 4 & 5

CAB WIDTH	CAB OFFSET REQUIRED
50"	1 3/4"
50 1/2"	1 1/2"
51"	1 1/4"
51 1/2"	1"
52"	3/4"
52 1/2"	1/2"
53"	1/4"
53 1/2"	0

⑤



32 x 80 3SP / CODE 3 & 6

CAB WIDTH	CAB OFFSET REQUIRED
50"	1 3/4"
50 1/2"	1 1/2"
51"	1 1/4"
51 1/2"	1"
52"	3/4"
52 1/2"	1/2"
53"	1/4"
53 1/2"	0

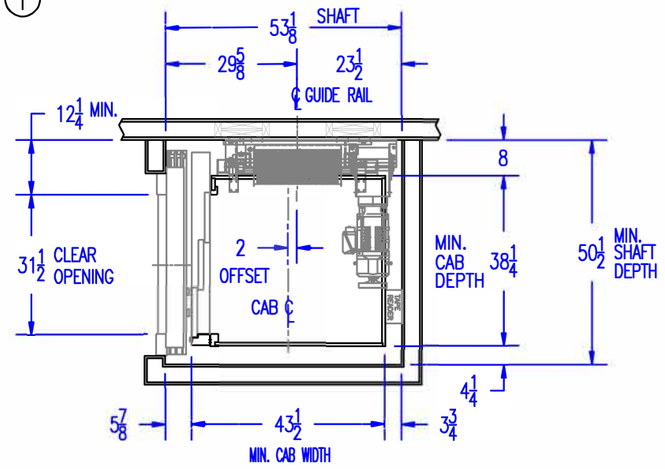
REVISIONS				
REV	DATE	ECN	DESCRIPTION OF CHANGE	BY
C	3/16/21	1003	New Drawing showing details per Spreadsheet (P/N 25211791). Revised Minimum Car/Shaft Sizes W/ Offset Car dimension as needed.	BWW
D	9/8/21	1008	Added Dwg's -4 & -5 for Landing Entrance Minimum Height requirements	BWW

NOTE:

1. FOR THE OHCD ELEVATOR W/SUMITOMO GEARMOTOR ALONG WITH 32 x 80 3-SPEED VICTORY DOOR ENTRANCES AND OPERATOR.
2. DRAWINGS SHOW THE MINIMUM CAR/SHAFT DEPTH AND WIDTH ALLOWED BASED ON GATE CODE.
3. WITH SMALLER SHAFTS, THE CAB MAY NEED TO BE OFFSET ON THE PLATFORM FRAME. THE AMOUNT OF OFFSET, AT THE SHAFT MIN. WIDTH, IS SHOWN ON THE DRAWING. THE TABLES SHOW THE CAB OFFSET VERSUS CAB WIDTH IN 1/2" INCREMENTS.
4. SEE TABLE BELOW FOR MINIMUM OVERHEAD BASED ON GATE CODE.
5. A MAXIMUM OF TWO (2) SETS OF DOORS MAY BE INSTALLED ON A OHCD AS LONG AS THEY ARE ACROSS FROM ONE ANOTHER.

MINIMUM OVERHEAD REQUIRED									
		GATE CODE							
	DOOR DESCRIPTION	1	2	3	4	5	6	3 & 6	4 & 5
1	32 x 80 3SP	9'-0"	9'-0"	9'-0"	9'-0"	9'-0"	9'-0"	9'-1"	9'-1"

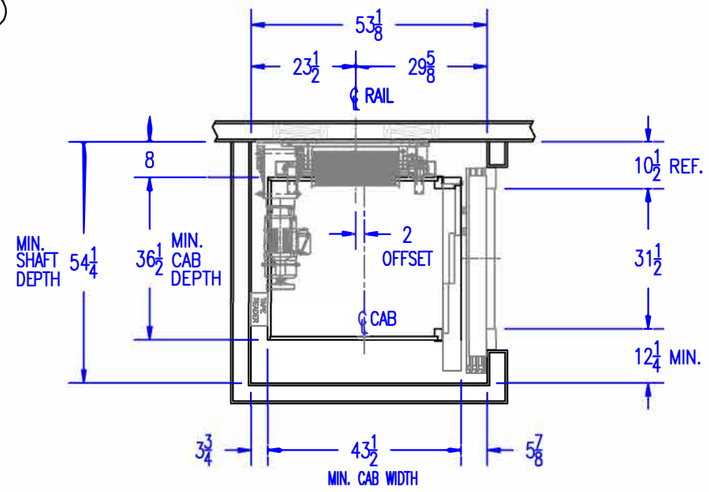
①



32 x 80 3SP / CODE 5 SHOWN
32 x 80 3SP / CODE 4 SYM. OPP.

CAB WIDTH	CAB OFFSET REQUIRED
43 1/2"	2"
44"	1 3/4"
44 1/2"	1 1/2"
45"	1 1/4"
45 1/2"	1"
46"	3/4"
46 1/2"	1/2"
47"	1/4"
47 1/2"	0

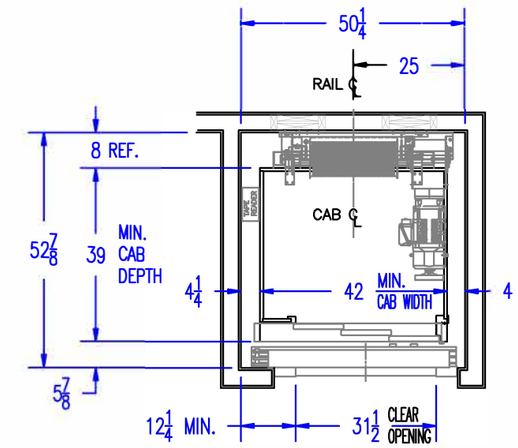
②



32 x 80 3SP / CODE 3 SHOWN
32 x 80 3SP / CODE 6 SYM. OPP.

CAB WIDTH	CAB OFFSET REQUIRED
43 1/2"	2"
44"	1 3/4"
44 1/2"	1 1/2"
45"	1 1/4"
45 1/2"	1"
46"	3/4"
46 1/2"	1/2"
47"	1/4"
47 1/2"	0

③



32 x 80 3SP / CODE 1 or 2

CODE 2 SHOWN
CODE 1 SYM. OPP.

MATERIAL SPEC.				PART NUMBER			DWG. DATE 3/15/2021
INCLINATOR COMPANY OF AMERICA HARRISBURG, PA			DRAWING TITLE: 32 X 80 3 SPEED DOORS MINIMUM SHAFT & CAB DIMENSIONS CAB & HOISTWAY W/VICTORY DOORS OHCD ELEVATOR W/SUMITOMO DRIVE				DRAWING NO. 25211791-2
DRAWN BWW	CHECKED	DESIGNED	APPROVED	INITIAL ECN	DWG. SCALE NONE	REV. LEVEL D	

3-SPEED DOORS – 6'8" DOOR ONLY

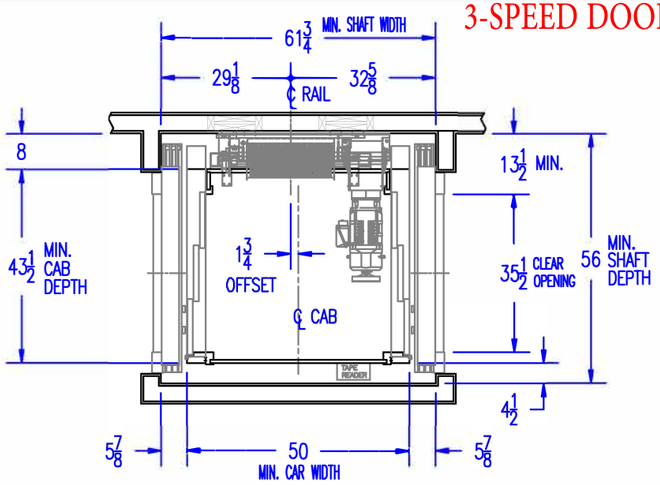
REVISIONS				
REV	DATE	ECN	DESCRIPTION OF CHANGE	BY
C	3/16/21	1003	New Drawing showing details per Spreadsheet (P/N 25211791). Revised Minimum Car/Shaft Sizes W/ Offset Car dimension as needed.	BWW
D	9/8/21	1008	Added Dwg's –4 & –5 for Landing Entrance Minimum Height requirements	BWW

NOTE:

1. FOR THE OHCD ELEVATOR W/SUMITOMO GEARMOTOR ALONG WITH 36 x 80 3–SPEED VICTORY DOOR ENTRANCES AND OPERATOR.
2. DRAWINGS SHOW THE MINIMUM CAR/SHAFT DEPTH AND WIDTH ALLOWED BASED ON GATE CODE.
3. WITH SMALLER SHAFTS, THE CAB MAY NEED TO BE OFFSET ON THE PLATFORM FRAME. THE AMOUNT OF OFFSET, AT THE SHAFT MIN. WIDTH, IS SHOWN ON THE DRAWING. THE TABLES SHOW THE CAB OFFSET VERSUS CAB WIDTH IN 1/2" INCREMENTS.
4. SEE TABLE BELOW FOR MINIMUM OVERHEAD BASED ON GATE CODE.
5. A MAXIMUM OF TWO (2) SETS OF DOORS MAY BE INSTALLED ON A OHCD AS LONG AS THEY ARE ACROSS FROM ONE ANOTHER.

MINIMUM OVERHEAD REQUIRED									
		GATE CODE							
	DOOR DESCRIPTION	1	2	3	4	5	6	3 & 6	4 & 5
1	36 x 80 3SP	9'–0"	9'–0"	9'–0"	9'–0"	9'–0"	9'–0"	9'–1"	9'–1"

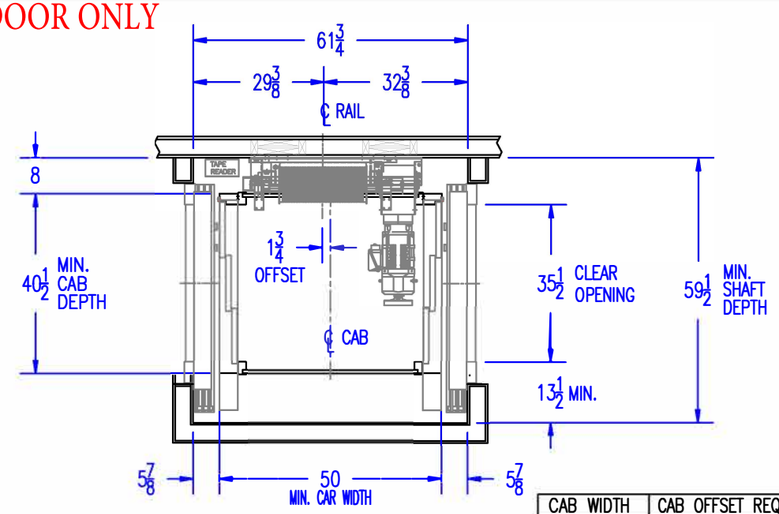
④



36 x 80 3SP / CODE 4 & 5

CAB WIDTH	CAB OFFSET REQUIRED
50"	1 3/4"
50 1/2"	1 1/2"
51"	1 1/4"
51 1/2"	1"
52"	3/4"
52 1/2"	1/2"
53"	1/4"
53 1/2"	0

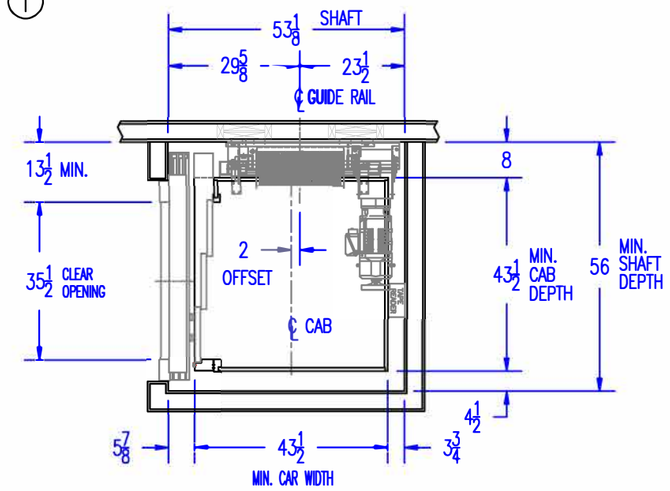
⑤



36 x 80 3SP / CODE 3 & 6

CAB WIDTH	CAB OFFSET REQUIRED
50"	1 3/4"
50 1/2"	1 1/2"
51"	1 1/4"
51 1/2"	1"
52"	3/4"
52 1/2"	1/2"
53"	1/4"
53 1/2"	0

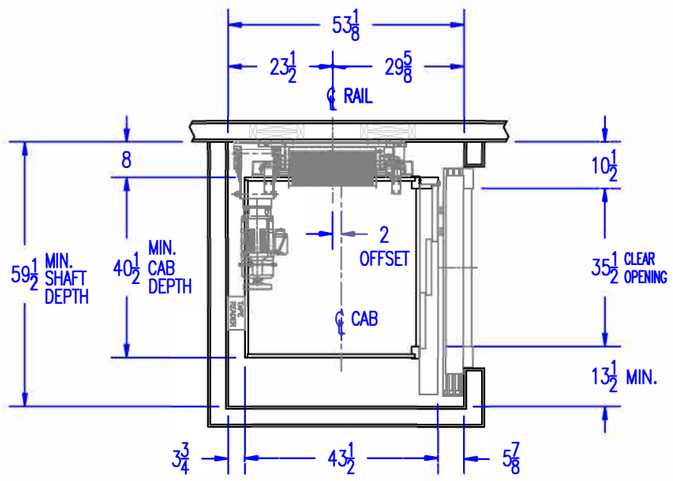
①



36 x 80 3SP / CODE 5 SHOWN
36 x 80 3SP / CODE 4 SYM. OPP.

CAB WIDTH	CAB OFFSET REQUIRED
43 1/2"	2"
44"	1 3/4"
44 1/2"	1 1/2"
45"	1 1/4"
45 1/2"	1"
46"	3/4"
46 1/2"	1/2"
47"	1/4"
47 1/2"	0

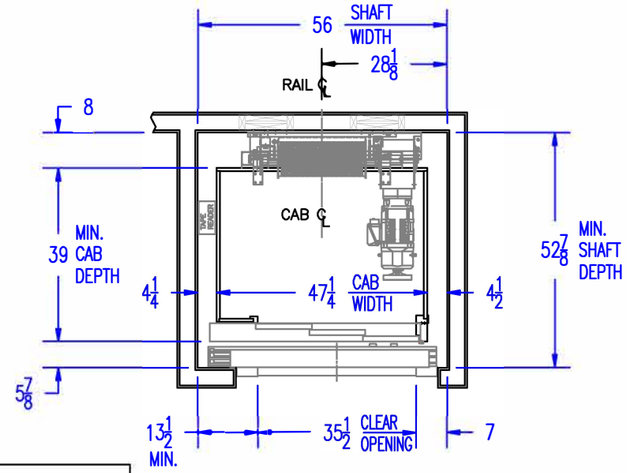
②



36 x 80 3SP / CODE 3 SHOWN
36 x 80 3SP / CODE 6 SYM. OPP.

CAB WIDTH	CAB OFFSET REQUIRED
43 1/2"	2"
44"	1 3/4"
44 1/2"	1 1/2"
45"	1 1/4"
45 1/2"	1"
46"	3/4"
46 1/2"	1/2"
47"	1/4"
47 1/2"	0

③



36 x 80 3SP / CODE 1 or 2

CODE 2 SHOWN
CODE 1 SYM. OPP.

MATERIAL SPEC.				PART NUMBER		
						DWG. DATE 3/15/2021
INCLINATOR COMPANY OF AMERICA HARRISBURG, PA			DRAWING TITLE: 36 X 80 3 SPEED DOORS MINIMUM SHAFT & CAB DIMENSIONS CAB & HOISTWAY W/VICTORY DOORS OHCD ELEVATOR W/SUMITOMO DRIVE			DRAWING NO. 25211791–3
DRAWN BWW	CHECKED	DESIGNED	APPROVED	INITIAL ECN	DWG. SCALE NONE	REV. LEVEL D

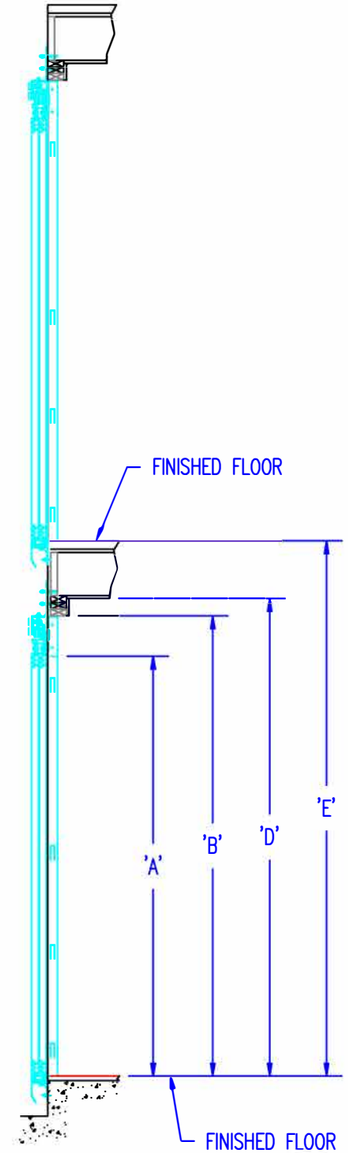
REVISIONS				
REV	DATE	ECN	DESCRIPTION OF CHANGE	BY
C	3/16/21	1003	New Drawing showing details per Spreadsheet (P/N 25211791). Revised Minimum Car/Shaft Sizes W/ Offset Car dimension as needed.	BWW
D	9/8/21	1008	Added Dwg's –4 & –5 for Landing Entrance Minimum Height requirements	BWW

NOTE:

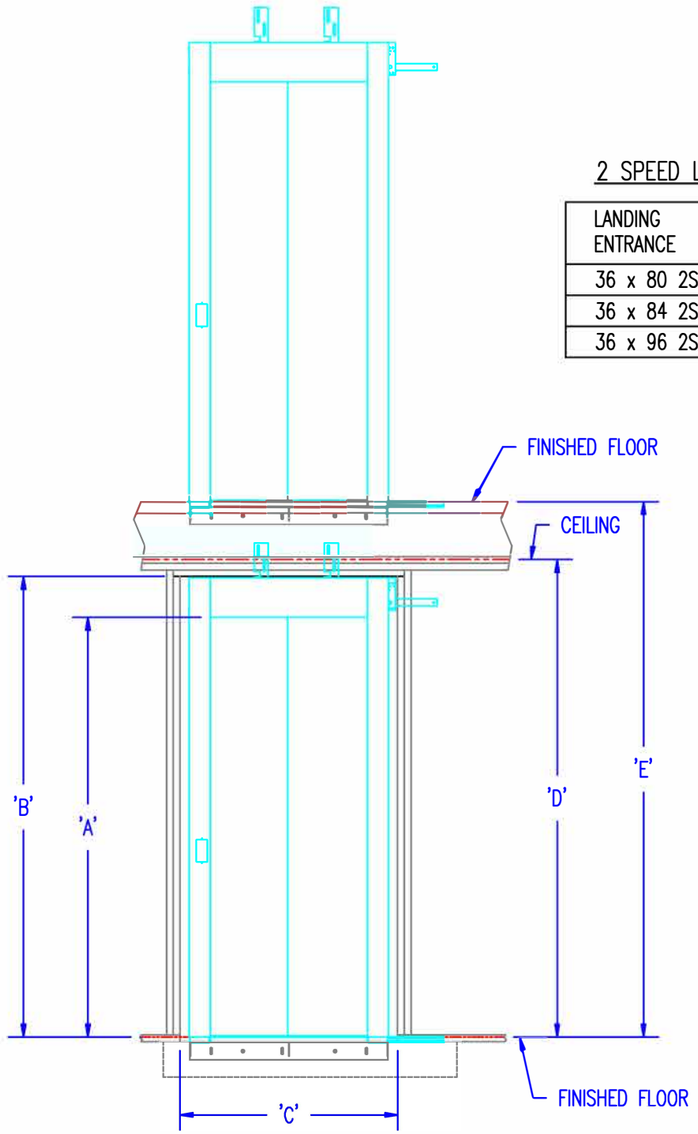
1. THIS DRAWING SHOWS THE MINIMUM CEILING HEIGHT AND FLOOR TO FLOOR DISTANCE REQUIRED FOR THE VICTORY 2–SPEED LANDING ENTRANCES.

2 SPEED LANDING ENTRANCES

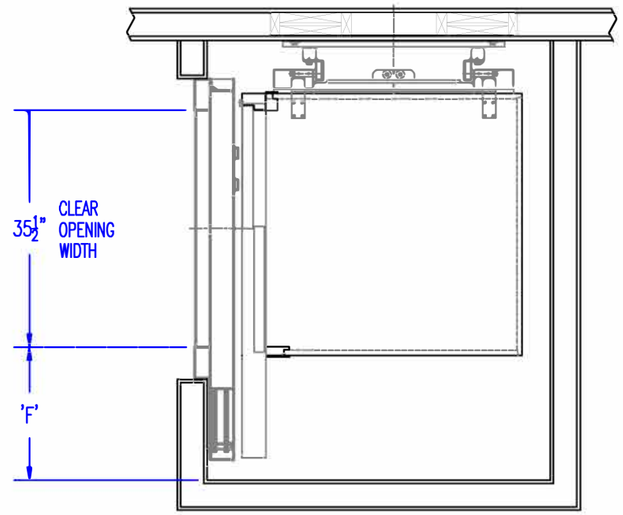
LANDING ENTRANCE	'A' CLEAR OPENING HT.	'B' MIN. R.O. HEIGHT	'C' R.O. WIDTH	'D' MIN. CEILING HT.	'E' MIN. FLR.–FLR. DIST.	'F' MIN. RETURN DIST.
36 x 80 2SP	$78\frac{3}{4}$"	$88\frac{1}{8}$"	$48\frac{3}{4}$"	7'–8"	8'–9"	20"
36 x 84 2SP	$82\frac{5}{8}$"	92"	$48\frac{3}{4}$"	8'–0"	9'–1"	20"
36 x 96 2SP	$94\frac{1}{2}$"	104"	$48\frac{3}{4}$"	9'–0"	10'–1"	20"



LANDING ENTRANCE
SIDE ELEVATION VIEW



LANDING ENTRANCE
FRONT ELEVATION VIEW



PLAN VIEW (NTS)

MATERIAL SPEC.	PART NUMBER					
						DWG. DATE 9/8/2021
INCLINATOR COMPANY OF AMERICA HARRISBURG, PA	DRAWING TITLE: 2 SPEED ENTRANCES MINIMUM CEILING HT. & FLR–FLR DIST. OHCD ELEVATOR W/SUMITOMO DRIVE					DRAWING NO. 25211791–4
DRAWN BWW	CHECKED	DESIGNED	APPROVED	INITIAL ECN	DWG. SCALE NONE	REV. LEVEL D

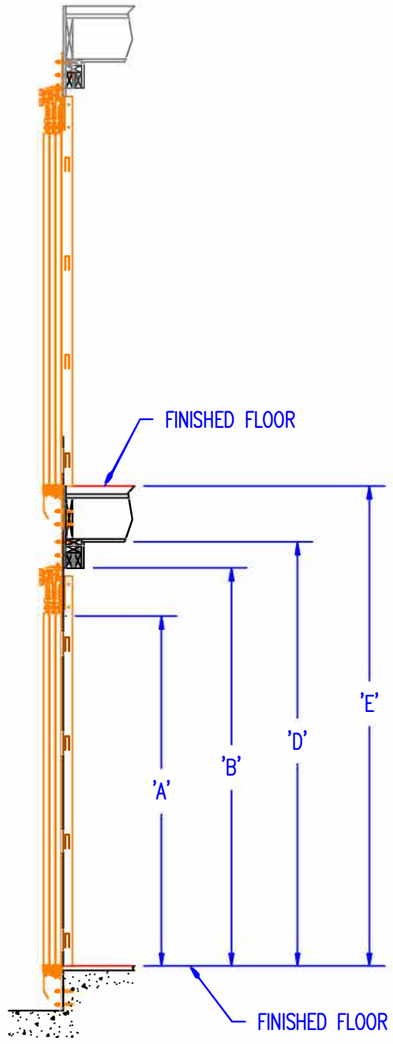
3 SPEED LANDING ENTRANCES

LANDING ENTRANCE	'A' CLEAR OPENING HT.	'B' MIN. R.O. HEIGHT	'C' R.O. WIDTH	'D' MIN. CEILING HT.	'E' MIN. FLR.–FLR. DIST.	'F' CLR. OPENING WIDTH	'G' MIN. RETURN DIST.
36 x 80 3SP	78 3/4"	89 5/8"	48 3/4"	8'–0"	9'–0"	35 1/2"	13 1/2"
32 x 80 3SP	78 3/4"	89 5/8"	44 3/4"	8'–0"	9'–0"	31 1/2"	12 1/4"

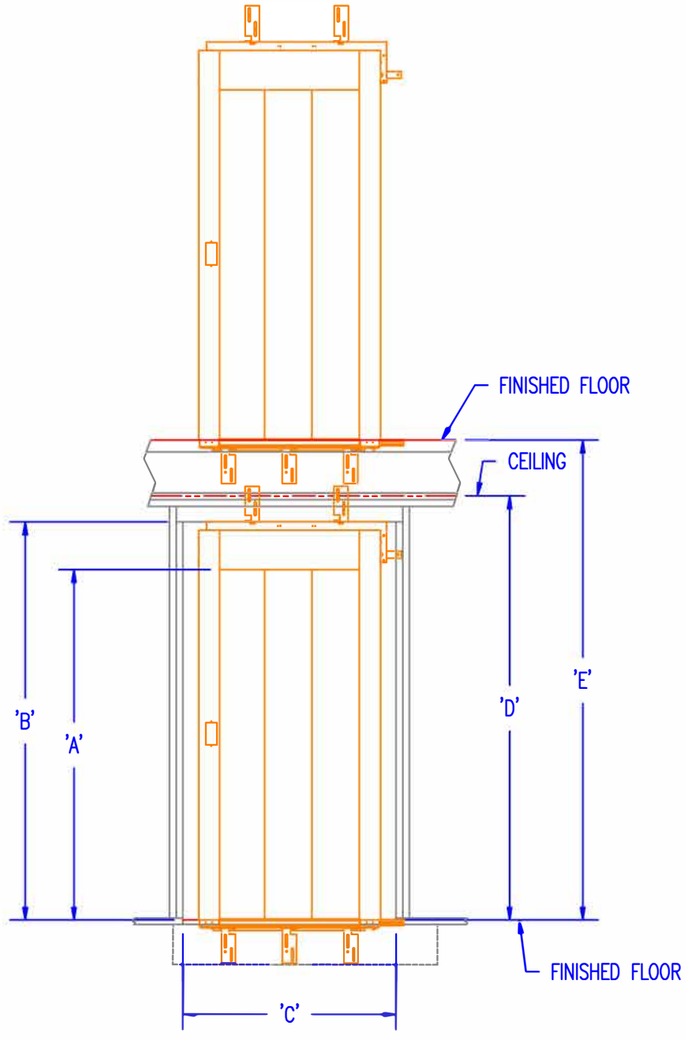
REVISIONS				
REV	DATE	ECN	DESCRIPTION OF CHANGE	BY
C	3/16/21	1003	New Drawing showing details per Spreadsheet (P/N 25211791). Revised Minimum Car/Shaft Sizes W/ Offset Car dimension as needed.	BWW
D	9/8/21	1008	Added Dwg's –4 & –5 for Landing Entrance Minimum Height requirements	BWW

NOTE:

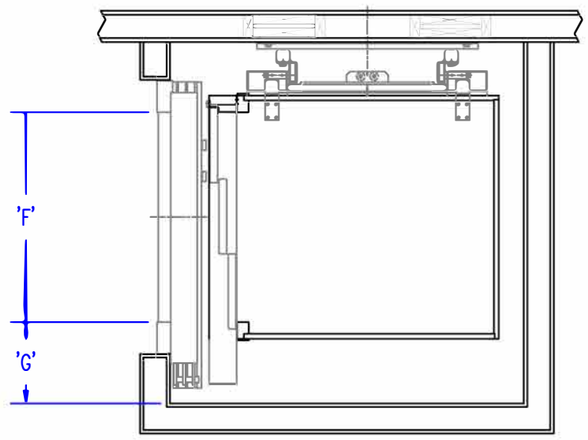
1. THIS DRAWING SHOWS THE MINIMUM CEILING HEIGHT AND FLOOR TO FLOOR DISTANCE REQUIRED FOR THE VICTORY 3–SPEED LANDING ENTRANCES.



LANDING ENTRANCE
SIDE ELEVATION VIEW



LANDING ENTRANCE
FRONT ELEVATION VIEW



PLAN VIEW (NTS)

MATERIAL SPEC.	PART NUMBER					
						DWG. DATE 9/8/2021
INCLINATOR COMPANY OF AMERICA HARRISBURG, PA	DRAWING TITLE: 3 SPEED ENTRANCES MINIMUM CEILING HT. & FLR–FLR DIST. OHCD ELEVATOR W/SUMITOMO DRIVE					DRAWING NO. 25211791–5
DRAWN BWW	CHECKED	DESIGNED	APPROVED	INITIAL ECN	DWG. SCALE NONE	REV. LEVEL D