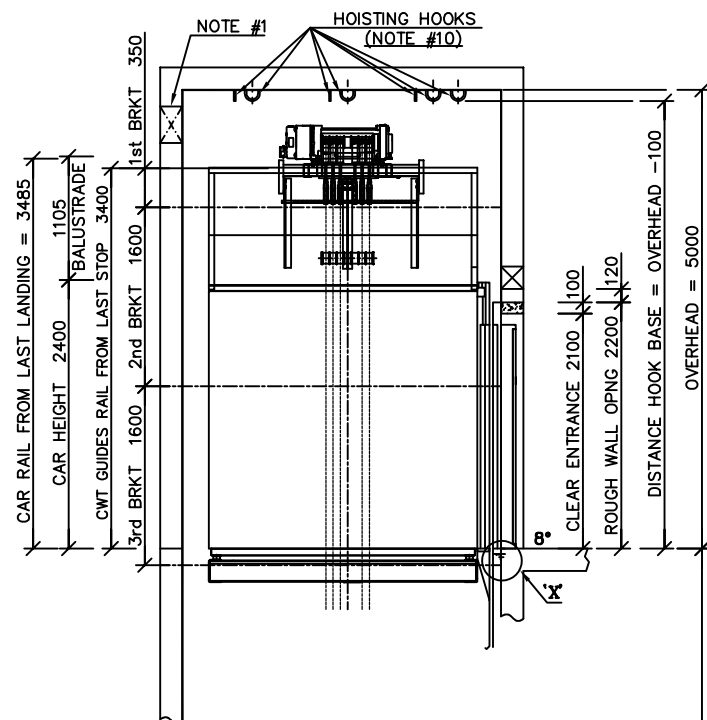
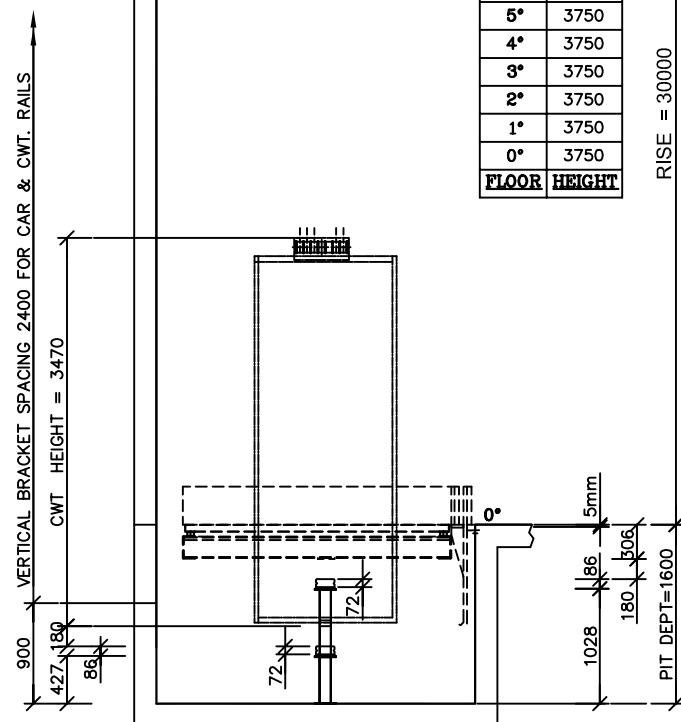


WARNING
FOR REASONS OF SAFETY,
IT IS NOT PERMITTED TO RUN CONCEALED WIRING
IN THE WALLS OF THE ELEVATOR HOISTWAY
AND MACHINE-ROOM.

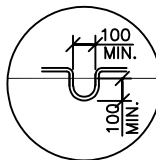
ALUMN. CHQD. PLATE FLOORING IN CAR -BY OWNER
THICKNESS OF FLOORING MUST NOT EXCEED 5mm.
WEIGHT OF FLOORING MUST NOT EXCEED 58Kg.



8°	OVERHEAD
7°	3750
6°	3750
5°	3750
4°	3750
3°	3750
2°	3750
1°	3750
0°	3750
FLOOR	HEIGHT

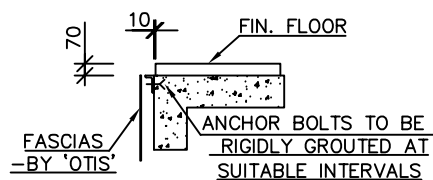


SECTION 'A'-'A'



(WITH LABEL OF MAXIMUM LOAD)
MAX. SIMULTANEITY LOADS ON SLAB 5000 KG.
DETAIL OF HOOK
ON THE TOP OF THE HOISTWAY

Graphic	Location
	LH installation
CC	Q 24
TC	Q3
HC	Q 3 & Q 4
RS	Q 4
LS	Q 2
CARGOV.	Q 1
CONTL LOC.	Q 3
PITLLOC	Q 3

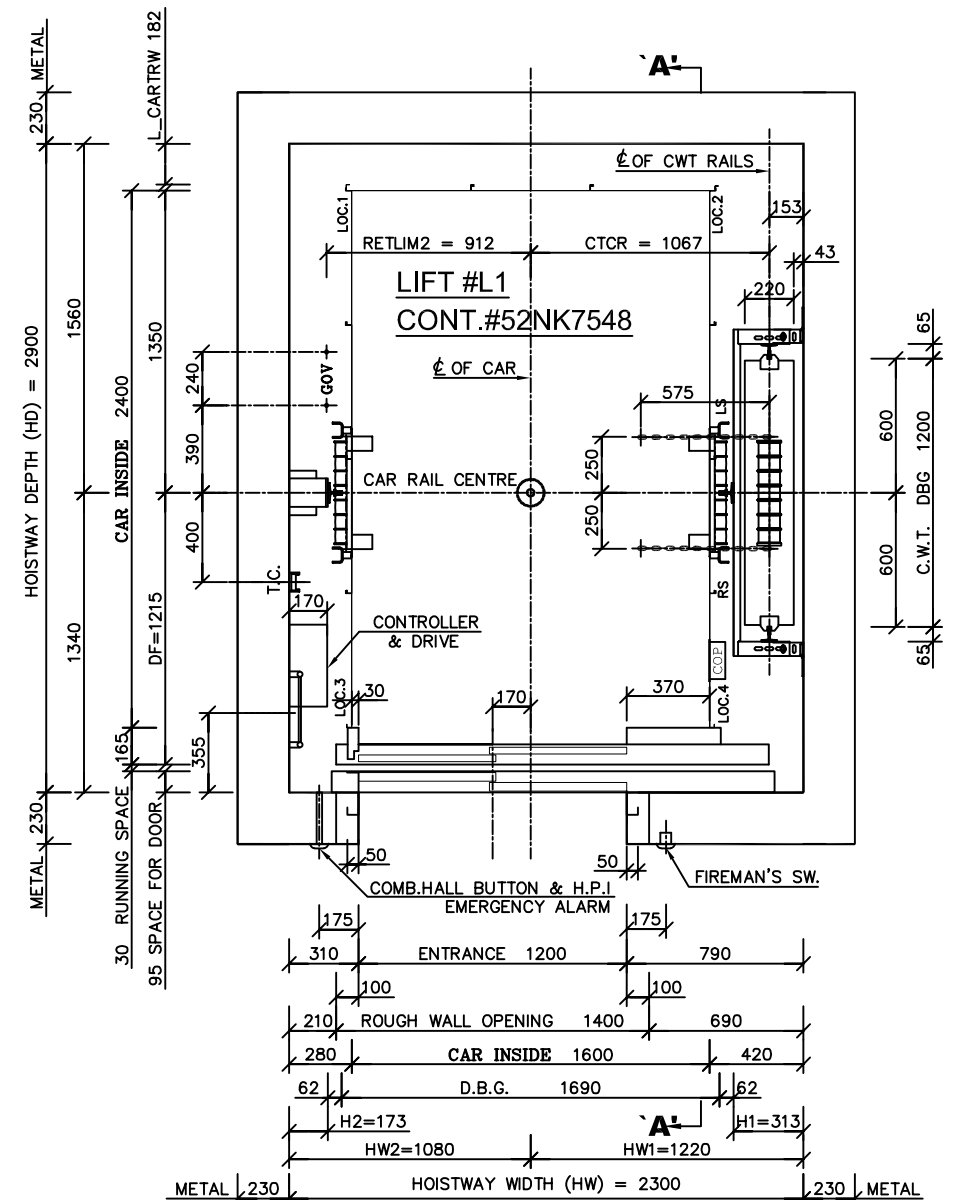


DETAIL 'X'
(AT ALL LANDINGS)

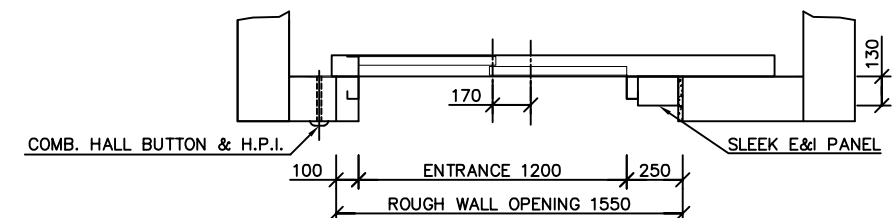


HAND OF INSTALLATION :- L.H

LIFT# : - L1



HOISTWAY PLAN
FRONT WALL AT 0° FLOOR
MUST NOT BE CONSTRUCTED UNTIL
'OTIS' EQUIPMENT IS SET IN POSITION.



HOISTWAY PLAN
(AT TOP LANDING)

ONE(1) PASSENGER ELEVATOR, 5.0T (G.P.) MACHINE.(GeN2 STREAM MRL)

TYPE OF ELEVATOR		
SIMPLEX FULL COLLECTIVE CONTROL WITH/W.O. ATTENDANT.	1768 Kg. @	1.00 M.P.S.
OPERATION	DUTY LOAD	SPEED

		REVISIONS		REVISIONS		APPROVALS		OTIS ELEVATOR CO. (INDIA) LIMITED	
						CURRENT CHARACTERISTICS	THIS ARRANGEMENT AND SUPPLEMENTARY NOTES APPROVED BY OWNER	BUILDING ASTA INFRA PROJECTS PRIVATE LIMITED	
FORCES ON RAILS (KN) 						POWER SUPPLY A.C. 400 VOLTS, 3 PHASE	HOSTWAY SIZES GUARANTEED PLUMB WITHIN +50/-0 mm*	LOCATION SECUNDERABAD (TELANGANA)	
CAR RAILS CWT RAILS						4 WIRES WITH NEUTRAL 50 HERTZ	OF FIGURES SHOWN	OWNER M/s. ASTA INFRA PROJECTS PRIVATE LIMITED	
RX = 3.44 RX = 1.53						LIGHT SUPPLY A.C. 230/240 VOLTS.	SIGNED YES	ARCHT.	
RY = 3.01 RY = 0.70						CONFIRMED YES	DATE 31/05/2023	DATE: PRELIM 02/06/2023 FINAL 02/06/2023	
R = 45 R = 53						RECORD OF CLT'S DRGS.		SCALE - DRAWN BY KAA	
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED		NOTE :- DO NOT SCALE THIS DRAWING				LAYOUT BASED ON MOF		THREE SHEETS	
						RECD.WITH E-MAIL DATED 31/05/23		SHEET #ONE	
								DRG. No. 52NK7548H REV. 00	

NOTES:
(N1): WALL TYPE:
1.RCC/RCC-HBLOCK/RCC-SBLOCK/STRUCTURAL
2.FOR SILL AND HEADER MOUNTING RCC WALL MUST BE USED
(N2): DRAWING OFFICE TO REFER HOISTWAY TABLE AND SPECIFY THE
PLUMB VALUES AT THE TIME OF PREPARING CONTRACT LAYOUTS

(*) NOTE:
FASTENING LEVEL NECESSARY FOR HIGHEST GUIDES
FITTING AT BOTH SIDES OF HOISTWAY—CUSTOMER

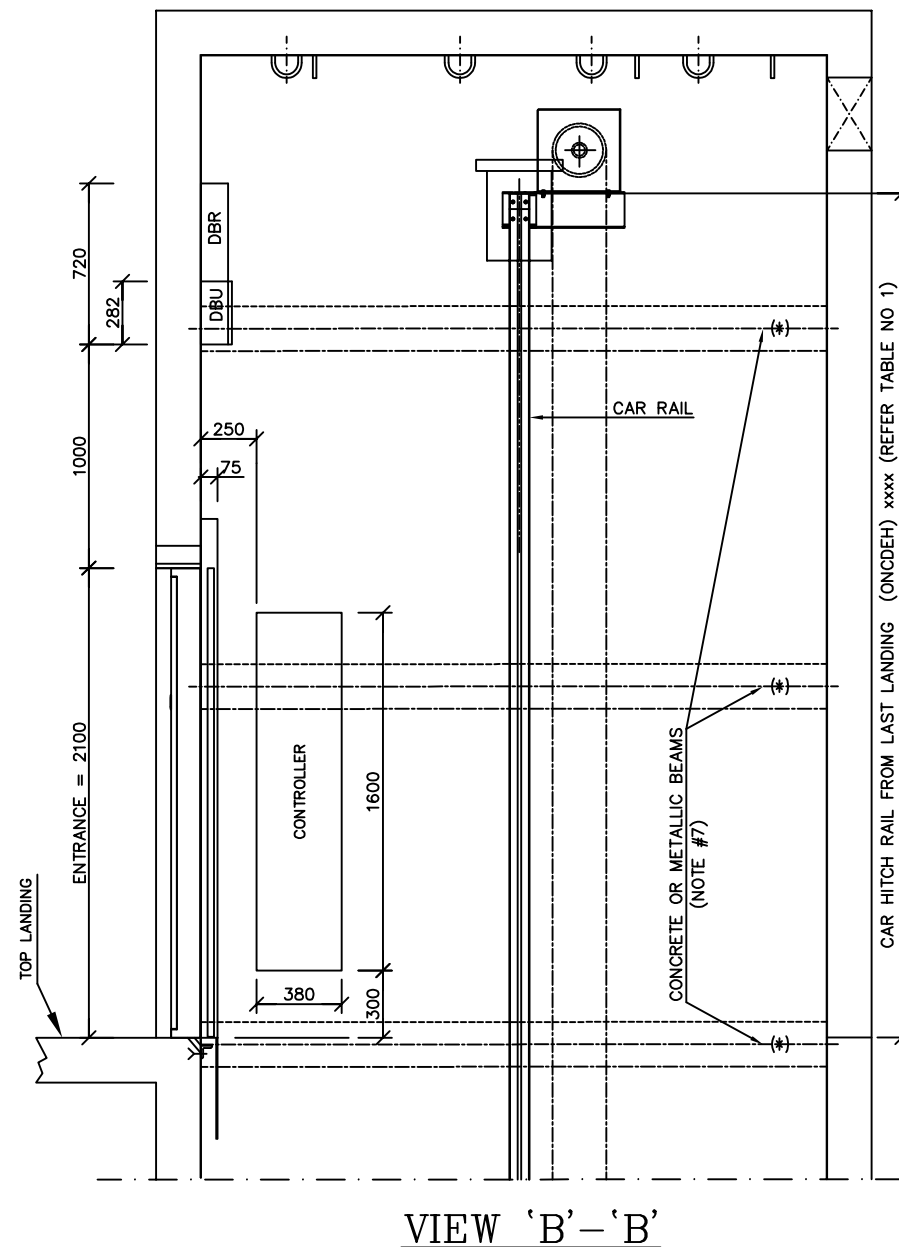
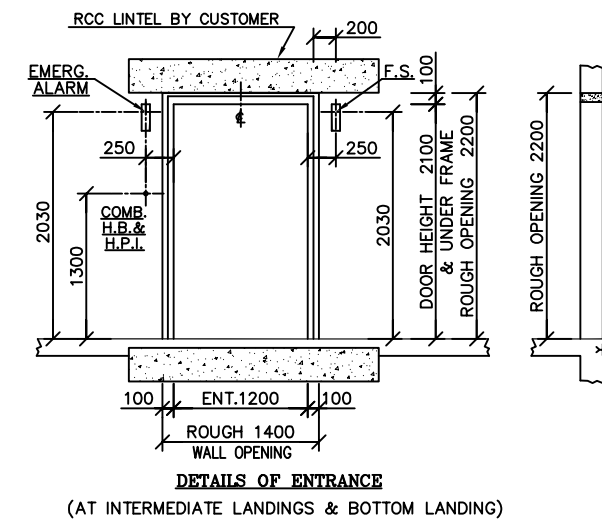
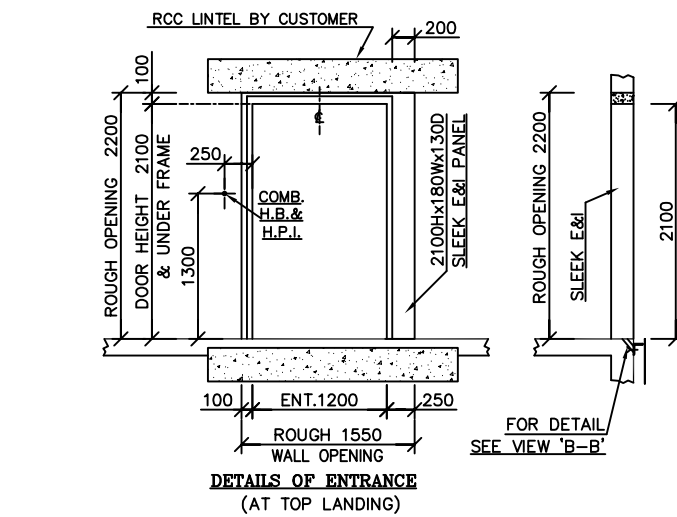
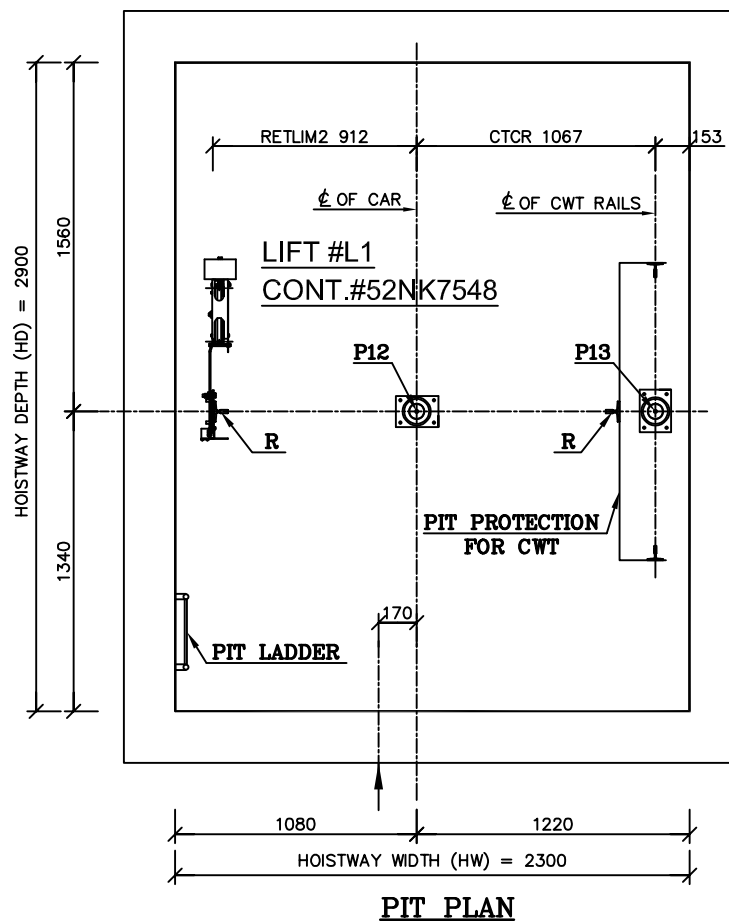
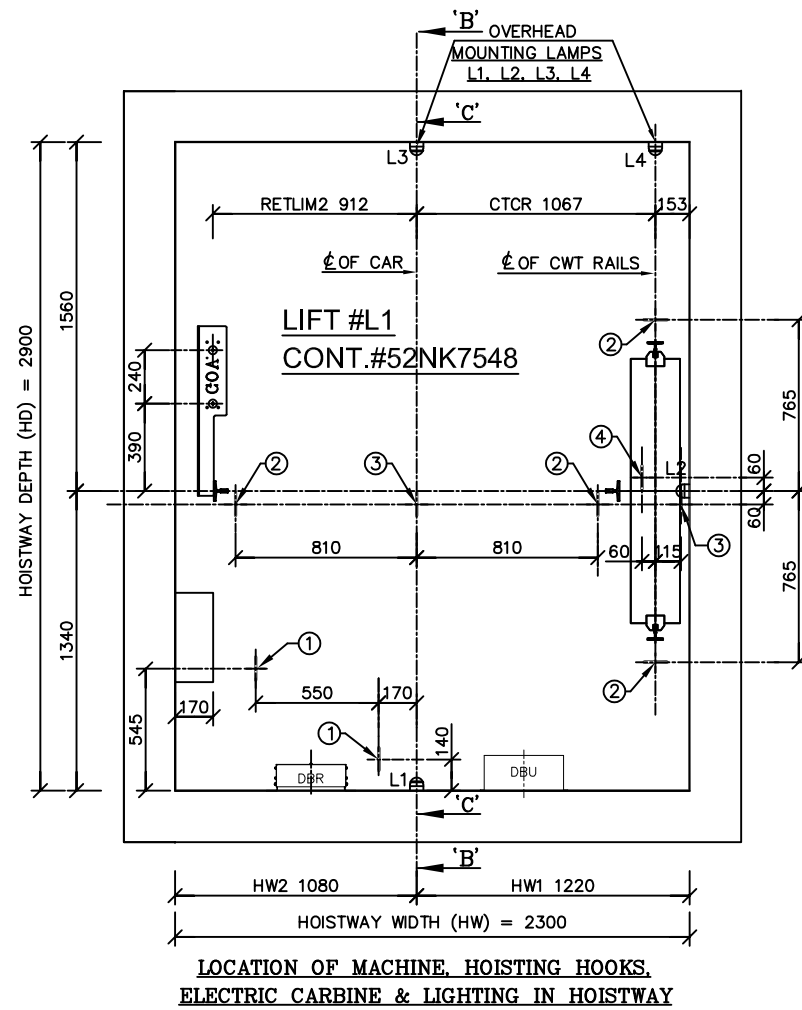

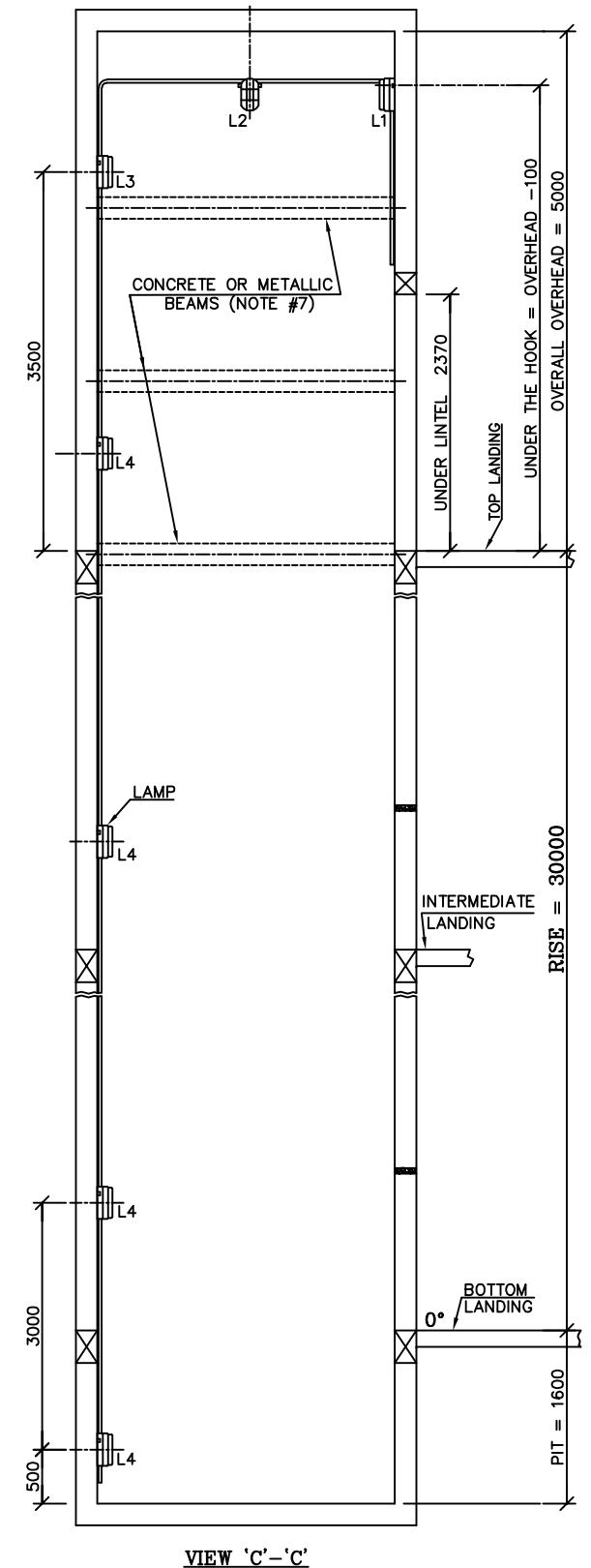


TABLE 1	V (m/s)	ONCDEH
DL > 1000 Kg & $1 \leq V \leq 1.75$ & CARG = Sliding	V = 1.0	CH+CWTRUNB +905
	V = 1.75	CH+CWTRUNB +1125
DL > 1000 Kg & $1 \leq V \leq 1.75$ & CARG = Roller	V = 1.0	CH+CWTRUNB +976
	V = 1.75	CH+CWTRUNB +1195

 LOAD ON HOOKS		
Nos	KGS	UTILITY
1	1500	CAR GUIDE ROPING
2	1000	LIFTING TOOL & WORKING PLATFORM ROPING
3	1000	CWT RAIL ROPING
4	500	MACHINE ROPING
5	500	MACHINE



PIT REACTIONS (KN)
P12 = 175
P13 = 142

REVISIONS		REVISIONS		REVISIONS	
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED		NOTE :- DO NOT SCALE THIS DRAWING			

APPROVALS		OTIS ELEVATOR CO. (INDIA) LIMITED	
CURRENT CHARACTERISTICS POWER SUPPLY A.C. 400 VOLTS, 3 PHASE 4 WIRES WITH NEUTRAL, 50 HERTZ. LIGHT SUPPLY A.C. 230/240 VOLTS. CONFIRMED YES	THIS ARRANGEMENT AND SUPPLEMENTARY NOTES APPROVED BY OWNER	BUILDING	ASTA INFRA PROJECTS PRIVATE LIMITED
	HOISTWAY SIZES GUARANTEED PLUMB WITHIN +50/-0 mm* OF FIGURES SHOWN	LOCATION	SECUNDERABAD (TELANGANA)
	SIGNED YES	OWNER	M/s. ASTA INFRA PROJECTS PRIVATE LIMITED
	DATE 31/05/2023	ARCHT.	
		DATE: PRELIM 02/06/2023	FINAL 02/06/2023
		SCALE	- DRAWN BY KAA
		CHECKED BY SDJ	SALES No. 52NK7548
RECORD OF CLT'S DRGS.		REV.	
LAYOUT BASED ON MOF	THREE SHEETS	DRG.	
RECD. WITH E-MAIL DATE 31/05/23	SHEET ITWO	No. 52NK7548M	
		00	

OWNER TO PROVIDE FOLLOWING ITEMS (PER ELEVATOR)	
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- | | |
|----|--|
| 1 | ADEQUATE VENTILATION, AIR CONDITIONING TO BE PROVIDED FOR MAINTAINING THE TEMPERATURE LEVEL IN HOISTWAY, NEAR CONTROLLER BETWEEN 5°C MIN. 40°C MAX. |
| 2 | POWER & LIGHTING CIRCUITS AND SWITCHES. |
| a) | PERMANENT LIGHTING TO BE PROVIDED IN THE HOISTWAY AT THE DISTANCE INDICATED IN FIG. 1 ALONGSIDE. FASTEN THE LAMP FITTINGS TO THE WALL. FASTEN THE HOISTWAY LIGHT SWITCH IN THE PIT AT A DISTANCE THAT CAN BE ACTUATED EITHER FROM THE LANDING OR THE PIT. |
| b) | TOP LANDING LIGHTING ABOVE THE CONTROLLER TO BE MIN. 200 LUX & TO BE CONTROLLED BY A SWITCH. |
| c) | 3 PHASE POWER COPPER WIRING WITH PVC INSULATED (FEEDER SIZE 6 SQ.MM) TO BE PROVIDED UPTO THE CONTROL PANEL. |
| d) | 1 PHASE LIGHTING WIRING FOR CAR LIGHTING TO BE PROVIDED UPTO THE CONTROL PANEL. |
| e) | CONVENIENT OUTLET (15A) FOR USE OF POWER TOOLS DURING THE INSTALLATION OF ELEVATOR. |
| f) | 6 sq mm G/Y PVC SHEATHED AND PVC INSULATED COPPER WIRE FROM BLDG EARTHING TO BUS BAR (FOR DOUBLE EARTHING) |
| 3 | PIT TO BE WATERTIGHT. PIT FLOOR TO WITHSTAND REACTIONS AS SHOWN. |
| 4 | THE NECESSARY BEAM ON HOISTWAY FOR CAR GUIDES AND COUNTERWEIGHT RAILS FASTENING.
IF THE DISTANCE BETWEEN BEAMS EXCEED THE ONE INDICATED ON THIS DRAWING, AN INTERMEDIATE METAL/RCC BEAM MUST BE INSTALLED FROM THE FRONT TO THE REAR OF THE HOISWAY, WITH THE FOLLOWING CHARACTERISTICS: MINIMUM WIDTH 140MM AND ABLE TO SUPPORT THE LOADS INDICATED IN THIS DRAWING. |
| 5 | ROUGH WALL OPENING AT TOP LANDING AND AT LOWER LANDINGS AS PER DETAILS SHOWN ALONGSIDE. OWNER TO FINISH AREA AS SHOWN, AFTER THE DOORS ARE INSTALLED. |
| 6 | NECESSARY CONCRETE BEAMS ON FRONT WALL FOR DOOR FASTENING TO BE PROVIDED BY CUSTOMER.
REFER SECTION 5 FOR DETAILS. |
| 7 | THERE MUST BE CONCRETE OR METTALLIC BEAM (MIN.200 HEIGHT) AT BOTH SIDE WALLS TO FIX GUIDE RAIL BRACKETS AS SHOWN IN (VIEW 'B'-'B'). |
| 8 | NECESSARY CONCRETE BEAMS ON FRONT WALL. FOR DOORS FASTENINGS. |
| 9 | WALL POCKETS PER ERECTOR'S REQUIREMENT WHICH SHOULD BE MADE GOOD TO FINAL FINISH FINISH FOR :-
(NOTE:BELOW VALUES ARE APPLICABLE FOR PAN TYPE. IN CASE OF FLAT FIXTURES, DRAWING OFFICE TO REFER TO NAA28104P) |
| a) | EMEGENCY ALARM :- 69 WIDE x 144 HIGH x 90 DEEP CUTOUT IN FRONT WALL AT GROUND FLOOR ONLY AT 2030 POCKET CENTRE FROM FINISHED FLOOR LEVEL. |
| b) | COMBINED HALL BUTTON AND H.P.I. :-20 DIA. THROUGH HOLES AT ALL LANDINGS AT 1300 FROM FINISHED FLOOR LEVEL. |
| c) | FIREMAN'S SWITCH :- 74 WIDE x 109 HIGH x 90 DEEP CUTOUT IN FRONT WALL AT GROUND FLOOR ONLY AT 2030 POCKET CENTRE FROM FINISHED FLOOR LEVEL.
REFER LAYOUT DATA NAA28104P FOR FLAT FIXTURES |
| 10 | THE NECESSARY HOOKS, ACCORDING TO THIS DRAWING, ON THE TOP OF THE HOISTWAY CEILING, MARKED AND CALCULATED TO SUPPORT THE LOADS SHOWN IN THIS DRAWING. ALL OF THEM MUST BE CERTIFIED BY THE TECHNICAL PROPERTY REPRESENTOR. |
| 11 | THE POWER SUPPLY FOR THE CONTROLLER WITH THEIR BREAKER SWITCHES, PROTECTIONS, EARTH CONNECTIONS AND THE WIRING TO THE OTIS CONTROLLER, ACCORDING TO DIAGRAM "B" AND CODE IN FORCE. MAXIMUM DROP VOLTAGE: 5%, ON THE ELECTRIC DATA HERE INDICATED. THE MAIN SWITCH MUST BE PROVIDED WITH LOCKING. BEHIND THE LIGHT SWITCH A PLUG (220 V+E) MUST BE INSTALLED. |
| 12 | THE POWER SUPPLY NECESSARY FROM THE BEGINNING OF THE ELEVATOR ERECTION. |
| 13 | TEMPORARY PROTECTIONS AT THE ELEVATOR ACCESS DURING THE ERECTION PERIOD. |
| 14 | A CLOSED AND LIGHTED ROOM (AROUND 50 M ² MIN.) FIT TO STORE THE ELEVATOR MATERIAL, OTIS MECHANIC TOOLS & PERSONAL EQUIPMENT WITHIN 50M FAR FROM THE HOISTWAY TO BE PROVIDED |

- | | |
|----|---|
| 15 | <p>THE HOISTWAY WALL SHOULD BE PLUMB AS FOLLOW.</p> <p>a) $R < 30 :- 0,+25MM$</p> <p>b) $30 < R \leq 60 :- 0,+35MM$</p> <p>c) $60 < R \leq 120 :- 0,+35MM$</p> |
| 16 | <p>LIGHTING IN THE ACCESS: 50 LUX MINIMUM WITH THE EXCEPTION OF THE FLOOR WHERE THE CONTROLLER IS LOCATED WHERE 200 LUX ARE REQUIRED A SWITCH INSIDE WILL BE PROVIDED TO CONTROL IT ACCORDING TO DIAGRAM "B".</p> |

CONTRACT DATA	
SALES Nos.	52NK7548
ELEVATOR	ONE (1)
DUTY LOAD – KGS	1768
SPEED M.P.S	1.00
MOTION CONTROL	VVVF – UD403
MACHINE TYPE	5.0 T
MACHINE SHV. DIA. in mm	150
BELT Nos. – SIZE in mm.	CSB:5 – 3.3THK x 30WIDE (47KN)
ARC OF CONTACT	179°
MAIN MOTOR R.P.M – KW	384 – 10.0
MAIN CONTROLLER	LVA
No. OF STOPS– OPENINGS	09 – 09
CAR GOVERNOR	SHENLING
CAR SAFETY	PS35
CAR SIZE	1600 x 2400
CAR INSIDE AREA IN SQ. M.	3.84
CAR RAIL	T89 (89x62x16)
CWT. RAIL	T70 (78x65x16)
CAR BUFFER TYPE	PU BUFFER
CAR BUFFER QUANTITY	ONE (1)
CWT. BUFFER TYPE	PU BUFFER
CWT. BUFFER QUANTITY	ONE (1)
COMPENSATION CHAIN QUANTITY	–
COMPENSATION CHAIN TYPE	NA

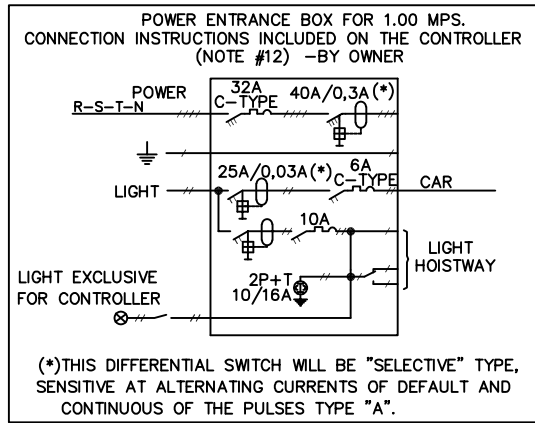
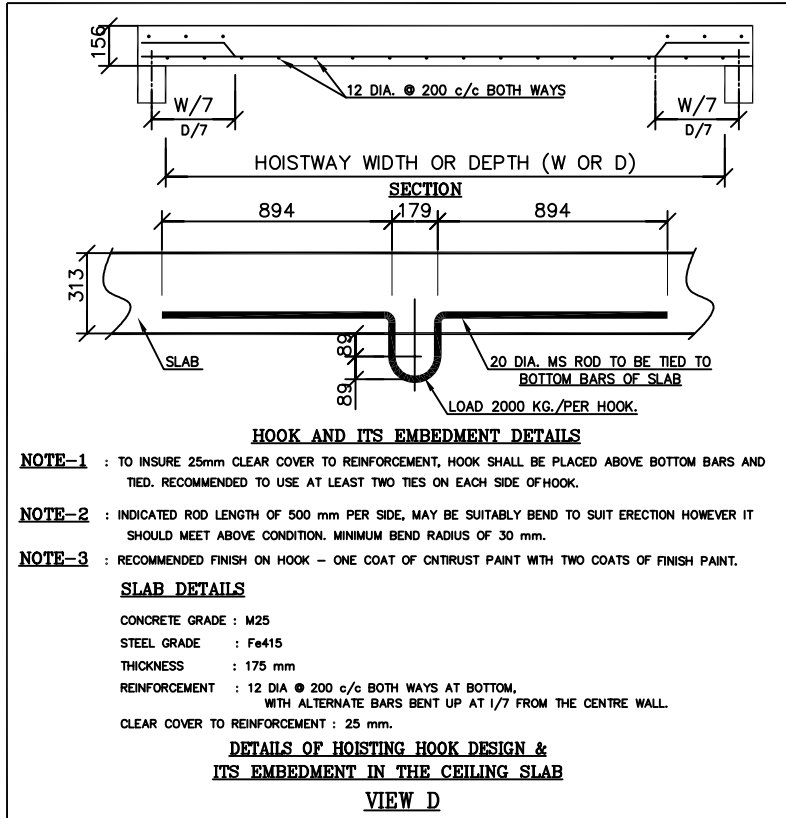
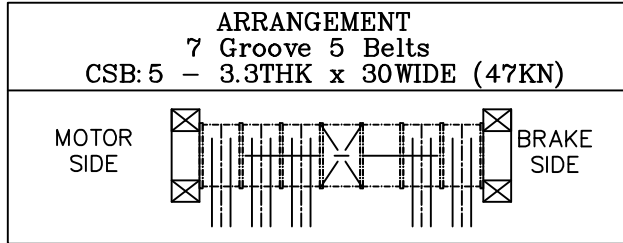


DIAGRAM "B"



ESTIMATED WEIGHTS	
FLOORING IN CAR	ALU. CHEQ. PLATE
FLOORING WIEGHT (REF. ONLY)	58
TOTAL CAR WEIGHT(Kg)(FRAMED) (W/O FLOORING)	1446
OVERBALANCE 50%	884
MASS OF T.C	6
TOTAL COUNTER WEIGHT	2394
ALL CONTRACTS EXCEPT WEST BENGAL	
CONCRETE FILLER WT. PART NO.	NAA345W2
NO. OF FILLER WTS	35
C.I. FILLER WT. PART NO.	NAA345X2
NO. OF FILLER WTS	10
SPECIAL FILLER WT. PART NO.	NAA345AA1
NO. OF FILLER WTS	2



REVISIONS		REVISIONS		APPROVALS		OTIS ELEVATOR CO. (INDIA) LIMITED	
				CURRENT CHARACTERISTICS POWER SUPPLY A.C. 400 VOLTS, 3 PHASE 4 WIRES WITH NEUTRAL 50 HERTZ LIGHT SUPPLY A.C. 230/240 VOLTS. CONFIRMED <u>YES</u> .		THIS ARRANGEMENT AND SUPPLEMENTARY NOTES APPROVED BY <u>OWNER</u> HOISTWAY SIZES GUARANTEED PLUMB WITHIN +50/-0 mm* OF FIGURES SHOWN SIGNED <u>YES</u> DATE <u>31/05/2023</u>	
				RECORD OF CLT'S DRGS. LAYOUT BASED ON MGP RECD. WITH E-MAIL DATED 31/05/23		BUILDING ASTA INFRA PROJECTS PRIVATE LIMITED LOCATION SECUNDERABAD (TELANGANA) OWNER M/s. ASTA INFRA PROJECTS PRIVATE LIMITED ARCHT. DATE PRELIM 02/06/2023 FINAL 02/06/2023 SCALE DRAWN BY KAA CHECKED BY SDJ SALES No. 52NK7548	
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED				NOTE :- DO NOT SCALE THIS DRAWING		DRG. No. 52NK7548N	
						REV. 00	