

## WORK BY OTHERS

INSTALLATION WORK SHALL BE PERFORMED DURING REGULAR WORKING HOURS OF REGULAR WORKING DAYS AFTER HOISTWAY(S) AND MACHINE/CONTROL ROOM(S) HAVE BEEN PROPERLY PREPARED AS DESCRIBED IN THE FOLLOWING ITEMS. ALL ITEMS MUST BE PERFORMED OR FURNISHED AT NO COST TO SCHINDLER ELEVATOR CORPORATION ("SCHINDLER") BY THE OWNER OR GENERAL CONTRACTOR OR THEIR AGENTS IN ACCORDANCE WITH ALL GOVERNING CODES. THE PRICE AND INSTALLATION SCHEDULE OF SCHINDLER IS BASED ON THESE JOB-SITE CONDITIONS EXISTING AT THE BEGINNING AND DURING THE INSTALLATION OF THE ELEVATOR EQUIPMENT.

ALL WORK MUST BE PERFORMED PER THE LATEST APPLICABLE REVISION OF THE NATIONAL (ASME A17.1 OR CSA B44) AND/OR LOCAL CODES.

1. CLEAR, PLUMB, HOISTWAY HOISTWAY WITH VARIATIONS NOT TO EXCEED +25MM (+1") -0MM (-0") WITHIN THE FIRST 30.5M (100FT). TOLERANCE MAY INCREASE +0.8MM (1/32") FOR EACH ADDITIONAL 3.05M (10FT) UP TO A MAXIMUM OF +50MM (+2"). PIT FLOOR TO BE DRY, LEVEL, FREE OF BUMPS AND DEBRIS. HOISTWAY ENCLOSURE TO BE FIRE RATED PER NATIONAL CODE REQUIREMENTS AND APPLICABLE BUILDING CODES (RULE 2.1.1). HOISTWAY, PIT, AND OVERHEAD DIMENSIONS TO BE AS SPECIFIED ON SCHINDLER FINAL LAYOUT DRAWING.
  2. ACCEPTABLE MATERIAL UNLOADING AREA WITHIN 30.5M (100FT) OF HOISTWAY WITH "ROLLABLE" ACCESS (PLANKED OR PAVED) OR UNINTERRUPTED USE OF A CRANE OR FORKLIFT AND OPERATOR AT NO COST TO SCHINDLER. DRY AND ENCLOSED STORAGE AREA OF ADEQUATE SIZE FOR ELEVATOR MATERIALS NEAR HOISTWAY. ANY WARRANTIES PROVIDED BY SCHINDLER FOR ELEVATOR EQUIPMENT ARE NULL AND VOID IF EQUIPMENT IS STORED IN A MANNER THAT DOES NOT COMPLY WITH THE REQUIREMENTS AS DEFINED ABOVE.
  3. POWER FOR CONSTRUCTION ADJACENT TO HOISTWAYS AND MACHINE/CONTROL ROOMS (110/220 VOLT, SINGLE PHASE, FOR WELDERS AND HOISTS) AND SUFFICIENT 3-PHASE POWER TO RUN ELEVATOR(S) AT THE SAME TIME. REFER TO SCHINDLER POWER SUPPLY DATA SHEET. TO MEET THE DATE UPON WHICH THE ELEVATORS ARE TO BE TURNED OVER, THE POWER FOR CONSTRUCTION AND PERMANENT 3-PHASE POWER MUST BE INSTALLED AND AVAILABLE PRIOR TO THE START OF ELEVATOR INSTALLATION.
  4. ALL WORK AREAS, INCLUDING HOISTWAY AND PIT, CLEAR OF DEBRIS. MAINTAIN MINIMUM TEMPERATURE OF 13°C (55°F). ADEQUATE WORK AREA IN FRONT OF GROUND FLOOR ENTRANCE REQUIRED. PROPER LIGHTING OF WORK AREAS.
  5. 75° BEVEL GUARDS ON ALL PROJECTIONS, RECESSES OR SETBACKS OVER 100MM (4"), EXCEPT ON SIDE USED FOR LOADING/UNLOADING.
  6. PROVIDE VENTING OF THE HOISTWAY PER NATIONAL CODE REQUIREMENTS AND APPLICABLE BUILDING CODES (RULE 2.1.4). WHEN IBC COMPLIANCE IS REQUIRED, AN INDEPENDENT AC OR VENTING SYSTEM FOR THE ELEVATOR SYSTEM IS REQUIRED.
  7. DRIED-IN HOISTWAY(S) AND MACHINE/CONTROL ROOM(S).
  8. CLEAR, FLAT, VERTICAL OR HORIZONTAL SURFACES FOR MOUNTING RAIL BRACKETS AT EACH FLOOR, IN OVERHEAD, AND INTERMEDIATE LEVELS (IF REQUIRED) IN THE SAME VERTICAL PLANE AS THE CLEAR HOISTWAY LINE. THIS INCLUDES DIVIDER BEAMS BETWEEN CARS FOR MULTIPLE ELEVATORS IN A COMMON HOISTWAY. RAIL BRACKET SUPPORTS SHALL NOT INTRUDE INTO THE CLEAR HOISTWAY LINE. RAIL BRACKET SUPPORTS AND DIVIDER BEAMS IN THE OVERHEAD TO BE LOCATED APPROXIMATELY 610MM (24") BELOW THE ROOF OR MACHINE ROOM SLAB. SUPPLY VERTICAL FLAT PLATES ON WHICH TO MOUNT CAR RAIL BRACKETS IF GUSSET PLATES OBSCURE BEAM WEBS, SUCH AS IN WIND BRACING FRAMES. IF APPLICABLE, INTERMEDIATE BRACKET SUPPORTS BETWEEN FLOOR(S) AND IN THE OVERHEAD AREA MAY BE REQUIRED. REFER TO SCHINDLER FINAL LAYOUT DRAWINGS FOR MAXIMUM BRACKET SPACING AND ACTUAL SUPPORT LOCATIONS.
  9. FOR MASONRY BLOCK HOISTWAY CONSTRUCTION, SCHINDLER WILL PROVIDE RAIL BRACKET INSERTS FOR INSTALLATION BY OTHERS, LOCATED IN ACCORDANCE WITH THE SCHINDLER FINAL LAYOUT DRAWINGS. WHERE INSERTS ARE NOT USED, HOLLOW MASONRY BLOCKS ARE NOT ACCEPTABLE FOR BRACKET FASTENING. PROVIDE 125MM (5") CONCRETE BELT AROUND HOISTWAY OR OTHER ACCEPTABLE SUPPORT AT EACH FLOOR, IN OVERHEAD, AND INTERMEDIATE LEVELS (IF REQUIRED).
  10. BLOCKOUT/CUTOUT THROUGH WALL AS REQUIRED, TO ACCOMMODATE HALL BUTTON BOXES, SIGNAL FIXTURES, AND HATCH DUCT. PROVIDE FOR ANY REPAIRS SUCH AS GROUTING, PATCHING, PAINTING, OR FIRE PROOFING.
  11. FOR NON-MASONRY HOISTWAY CONSTRUCTION WITH FLOOR HEIGHTS EXCEEDING 4.5M (15FT), STRUCTURAL SUPPORT AT 2.4M (8FT) TO 4.5M (15FT) ABOVE FINISHED FLOOR LEVEL FOR ENTRANCE STRUT ANGLE ATTACHMENT.
  12. FOR MASONRY HOISTWAY WALLS AT ENTRANCES, PROVIDE ROUGH OPENING OF 203MM (8") ON EACH SIDE AND 203MM (8") ON TOP OF CLEAR OPENING FOR INSTALLATION OF DOORFRAMES AND SILLS. FOR DRYWALL HOISTWAY WALLS AT ENTRANCES, WALLS ARE TO BE BUILT AFTER DOORFRAMES AND SILLS ARE SET IN PLACE.
  13. GROUTING AROUND ENTRANCE FRAMES AND FINISHED FLOOR AND GROUT TO SILL LINE AFTER INSTALLATION OF ENTRANCE.
  14. CONSTRUCTION BARRICADES (PER OSHA REQUIREMENTS) EITHER OUTSIDE OF ELEVATOR HOISTWAY(S) OR BETWEEN ELEVATORS INSIDE OF HOISTWAY(S) AS REQUIRED. BARRICADES TO BE FREESTANDING AND REMOVABLE, LOCATED AT EACH HOISTWAY OPENING AT EACH FLOOR. BARRICADES SHALL BE ERECTED, MAINTAINED, AND REMOVED BY OTHERS.
- PROTECTION FROM FALLS

A. AS REQUIRED BY THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) 1926.502 B) 1(3) A FREESTANDING REMOVABLE BARRICADE AT EACH HOISTWAY OPENING AT EACH FLOOR. BARRICADES SHALL BE 42" HIGH, WITH MID-RAIL AND KICK BOARD, AND WITHSTAND 200 LBS. OF VERTICAL AND HORIZONTAL PRESSURE.

B. AS REQUIRED BY THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) OSHA 1926.502(J) HOISTWAY PROTECTION FROM FALLING DEBRIS AND OTHER TRADES MATERIALS BY EITHER:

1. 8 FOOT SCREENING/MESH IN FRONT OF ALL ELEVATOR ENTRANCES
2. SECURED/CONTROLLED ACCESS TO ALL ELEVATOR LOBBIES (LOCK AND KEY) WITH POSTED NOTICE " ONLY ELEVATOR PERSONNEL BEYOND THIS PROTECTION"

14. DRY PIT REINFORCED TO SUSTAIN VERTICAL FORCES FROM RAILS AND IMPACT LOADS ON BUFFERS (RULE 2.2.2). CAR BUFFER IMPACT LOADS AS CALCULATED (RULE 8.2.3).
15. ADEQUATE SEALING AND WATERPROOFING OF PIT. EFFECTIVE PREVENTION OF PIT EXPOSURE TO STORM WATER OR GROUND WATER.
16. WHERE THERE IS A DIFFERENCE IN LEVEL BETWEEN THE FLOORS OF ADJACENT PITS, A METAL GUARD SHALL BE INSTALLED NOT LESS THAN 2000 MM (79") ABOVE THE LEVEL OF THE HIGHER PIT FLOOR (RULE 2.2.3.1). WHERE THE DIFFERENCE IN LEVEL IS 600 MM (24") OR LESS, A STANDARD RAILING CONFORMING TO RULE 2.10.2 SHALL BE PERMITTED (RULE 2.2.3.2).
17. DRAINS & SUMPS IN ELEVATOR PITS, WHERE PROVIDED, SHALL COMPLY WITH THE APPLICABLE PLUMBING CODE, AND THEY SHALL BE PROVIDED WITH A POSITIVE MEANS TO PREVENT WATER, GASES AND ODORS FROM ENTERING THE HOISTWAY. SUMPS AND SUMP PUMPS IN PITS, WHERE PROVIDED, SHALL BE COVERED. THE COVER SHALL BE SECURED AND LEVEL WITH THE PIT FLOOR (RULES 2.2.2.4 AND 2.2.2.6) AND SHOULD BE LOCATED TO CLEAR ELEVATOR EQUIPMENT (CANNOT BE CONNECTED DIRECTLY TO STORM DRAIN OR SEWER).
18. GFCI CONVENIENCE OUTLET AND LIGHT FIXTURE WITH GUARD IN PIT (NATIONAL ELECTRICAL CODE (NFPA 70 RULE 620-85) OR (CSA C22.1-02 SECTION 38-085)). MINIMUM LIGHTING TO BE 100 LUX (10FC) (RULE 2.2.5).
19. PIT LADDER FOR EACH ELEVATOR IN COMPLIANCE WITH RULE 2.2.4.2. NEAREST POINT OF THE LADDER SHALL BE WITHIN 975MM (39"), MEASURED HORIZONTALLY FROM THE MEANS TO UNLOCK THE EGRESS DOOR FROM THE PIT. THE LADDER SHALL EXTEND NOT LESS THAN 1200MM (48") ABOVE THE SILL OF THE ACCESS DOOR. RUNGS OR CLEATS TO BE NON-SLIP AND SHALL BE SPACED 300MM (12") ON CENTER AND 400MM (16") WIDE (SEE RULE 2.2.4.2 FOR EXCEPTION WHEN UNAVOIDABLE OBSTRUCTIONS ARE ENCOUNTERED). LOCATE PER SCHINDLER FINAL LAYOUT DRAWINGS AND DRAWING DS823. ALL WALK-IN PITS MUST FOLLOW THE REQUIREMENTS OF RULE 2.2.4.5.
20. GFCI CONVENIENCE OUTLET AND TELEPHONE OUTLET LOCATED IN MACHINE/CONTROL ROOM FOR EACH ELEVATOR (NATIONAL ELECTRICAL CODE (NFPA 70 RULE 620-85) OR (CSA C22.1-02 SECTION 38-085)). DEDICATED ANALOG TELEPHONE LINE CAPABLE OF OUTGOING AND INCOMING CALLS FOR EMERGENCY PHONE SYSTEM (RULES 2.27.1.1 & 2.27.1.2) AND SCHINDLER REMOTE MONITORING (SRM).
21. MAIN POWER CIRCUIT
  - A. JH: A DEDICATED LOCKABLE WALL-MOUNTED OR RECESSED SELF LOCKING PANEL WITH A FUSED DISCONNECT SWITCH OR CIRCUIT BREAKER (WHERE PERMITTED) SUITABLE FOR 3-PHASE POWER FOR THE ELEVATOR CONTROL, LOCATED IN A) THE BUILDING COMMON ELECTRICAL UTILITY ROOM, OR B) A BUILDING SERVICE CORRIDOR, OR C) ON / IN A WALL WITHIN SIGHT OF THE ELEVATOR INSPECTION AND TEST PANEL. DISCONNECT SWITCH OR BREAKER MUST ALSO HAVE AN AUXILIARY (DRY) CONTACT THAT IS POSITIVELY DRIVEN AND OPENS WHEN THE BREAKER OR SWITCH IS OPENED.
  - B. JH1: ONLY WHEN MOTOR CONTROLLER IS LOCATED IN HOISTWAY: AN ADDITIONAL LOCKABLE WALL-MOUNTED NON-FUSED DISCONNECT SWITCH IN THE HOISTWAY, TO BE LOCATED ADJACENT TO THE MOTOR CONTROLLER. THIS DISCONNECT MUST ALSO A) BE LOCKABLE IN THE CLOSED POSITION WITH A LOCKING MECHANISM THAT CANNOT BE REMOVED FROM THE DEVICE AND B) HAVE AN AUXILIARY (DRY) CONTACT THAT IS POSITIVELY DRIVEN AND OPENS WHEN THE SWITCH IS OPENED. (SEE ALSO NFPA70 REQ. 620.51(C)(1) OR CSA C22.1 REQ. 38-051(6)).
  - C. POWER WIRING FROM JHL TO THE CORRESPONDING INSPECTION AND TEST PANEL.
  - D. OTHER SINGLE-PHASE FUSED DISCONNECT SWITCHES OR CIRCUIT BREAKERS FOR FUNCTIONS RELATED TO THE ELEVATOR, INCLUDING BUT NOT LIMITED TO POWER FOR RECEPTACLES, LIGHTING, REMOTE MONITORING EQUIPMENT, SEISMIC EQUIPMENT, AND PIT PUMPS, LOCATED ADJACENT TO THE 3-PHASE PANEL OR WITHIN THE 3-PHASE PANEL.
  - E. WIRING FROM "OTHER" DISCONNECTS TO RECEPTACLES/LIGHTING DEVICES AT THE DESTINATIONS (PIT, TOP HOISTWAY, MACHINERY/CONTROL SPACES, CONTROL ROOMS, MONITORING STATIONS, ETC.)

- GENERAL**  
THE DEDICATED PANELS OUTSIDE THE HOISTWAY IDENTIFIED ABOVE AND THEIR LOCATION MUST BE IN AN AREA READILY ACCESSIBLE TO QUALIFIED/AUTHORIZED PERSONS (NFPA 70 REQ. 620.51(C)) OR / (CSA 22.1 REQ. 38-051(5)). ACCESS TO EACH DISCONNECT PANEL MUST REQUIRE A GROUP 2 KEY (ASME A17.1/CSA B44 REQ. 8.1.3). THE DISCONNECTS MAY ALSO BE LOCATED WITHOUT PANELS IN A GROUP 2 KEY SECURED ROOM IDENTIFIED AND DEDICATED FOR THE ELEVATOR APPARATUS ONLY. LOCATE AND MARK THE PANELS AND DISCONNECTS WITH APPROPRIATE SIGNAGE, (NFPA 70 REQ. 620-51 THROUGH 620-55) OR (CSA C22.1 REQ. 38-051 THROUGH 38-055). EACH DISCONNECT OR BREAKER ABOVE MUST BE CAPABLE OF BEING LOCKED IN THE OPEN POSITION WITH A LOCKING APPARATUS (EXCLUDING LOCK ITSELF) THAT CANNOT BE REMOVED FROM THE DEVICES OR PANEL(S).
24. OTHER EQUIPMENT/REQUIREMENTS:  
A. FOR THE MAIN POWER CIRCUIT ONLY:  
1. A 3-PHASE TRANSFORMER MAY BE SUPPLIED TO PROVIDE THE REQUIRED MOTOR CONTROLLER VOLTAGE IF NOT DIRECTLY AVAILABLE WITHIN THE BUILDING. WHEN SUPPLIED, IT IS PREFERABLE TO BE LOCATED IN A COMMON ELECTRICAL ROOM WITH OTHER BUILDING ELECTRICAL APPARATUS. SEE SCHINDLER POWER SUPPLY DATA SHEET.  
2. A LOCAL DISCONNECTING MEANS MUST BE PROVIDED IN THE FEEDER TO THIS TRANSFORMER (NFPA70-11 REQ. 450.14) OR (CSA C22.1-12 REQ. 26-250). WHEN THE JH DISCONNECT IS NOT LOCATED WITHIN SIGHT OF THE TRANSFORMER, AN ADDITIONAL (TRANSFORMER) DISCONNECT LOCATED WITHIN SIGHT OF THE TRANSFORMER SHALL BE PROVIDED BY THE BUILDING. THE INSTALLATION OF A TRANSFORMER DISCONNECT DOES NOT ELIMINATE THE NEED FOR THE JH DISCONNECT.  
B. FOR ALL POWER CIRCUITS  
1. SPRINKLERS SHALL BE LOCATED AT THE TOP AND BOTTOM OF THE HOISTWAY WHEN REQUIRED BY THE LOCALLY ADOPTED EDITION OF NFPA 13.  
2. IN US JURISDICTIONS ONLY, WHEN A SPRINKLER HEAD IS LOCATED IN THE HOISTWAY, THE BUILDING SHALL PROVIDE SHUNT TRIP ACTIVATION OF A) JH, THE MAIN DISCONNECT OR B) THE FEED TO THE MAIN DISCONNECT, TRIGGERED BY CONTACTS OF THE FIRE RECALL INITIATING DEVICES (AS DEFINED BY NFPA). THESE DEVICES, LOCATED IN THE HOISTWAY OR OTHER DISCONNECT LOCATION, SHALL PROVIDE INDEPENDENT DISCONNECTION OF ELECTRICAL POWER TO BOTH MAIN AND AUXILIARY POWER CIRCUITS PRIOR TO SPRINKLER ACTIVATION (ASME A17.1-2007/CSA B44-07 RULE 2.8.3.3. AND/OR LOCAL CODE).  
3. SHUNT TRIP, IF PROVIDED, MUST ALSO HAVE AN AUXILIARY CONTACT THAT FUNCTIONS THE SAME AS THOSE IN THE JH AND JH1 DISCONNECTS.  
C. FOR COMMUNICATIONS CIRCUITS  
1. AN ANALOG TELEPHONE LINE, ONE PER ELEVATOR, SHALL BE PROVIDED. LINE SHALL BE CAPABLE OF RECEIVING INCOMING AND MAKING OUTGOING CALLS. TELEPHONE LINE SHALL ORIGINATE AT THE INSPECTION AND TEST PANEL DESIGNATED BY SCHINDLER AND TERMINATE AT THE BUILDING PHONE SYSTEM.  
2. WHERE THE ELEVATOR RISE IS 18 M (60 FT) OR MORE, AN ADDITIONAL TELEPHONE / PHONE LINE SHALL BE PROVIDED WITHIN THE BUILDING AT A LOCATION ACCESSIBLE BY EMERGENCY PERSONNEL. THIS PHONE LINE SHALL SUPPORT EQUIPMENT THAT IS CAPABLE OF TWO-WAY ANALOG COMMUNICATIONS WITH EACH ELEVATOR CAR (VIA EACH CAR'S INSPECTION AND TEST PANEL) INDIVIDUALLY AND OVERRIDING COMMUNICATIONS BETWEEN THE ELEVATOR CAR AND LOCATIONS OUTSIDE OF THE BUILDING.
25. A LOCKABLE, 13 1/2" X 15 1/2" X 3 1/2" (MINIMUM), METAL CABINET WITH GROUP-1 KEY TO HOUSE REQUIRED ELECTRICAL SCHEMATICS AND MAINTENANCE HISTORY DOCUMENTS, SHALL BE WALL MOUNTED, ADJACENT TO THE DISCONNECT SWITCH, BY OTHERS, AT THE TOP LANDING. THE SUPPLIER, LOCATION AND MOUNTING OF THE CABINET SHALL BE COORDINATED WITH SCHINDLER.
26. PROVIDE SUITABLE FEEDER AND BRANCH WIRING CIRCUITS FROM THE BUILDING SERVICE TO THE CONTROLLER, INCLUDING MAIN LINE SWITCH, FOR SIGNAL SYSTEMS, POWER OPERATED DOORS, CAR LIGHTING AND CONVENIENCE OUTLETS. SEE SCHINDLER POWER SUPPLY DATA SHEET.
27. PROVIDE EMERGENCY POWER TRANSFER SWITCH AND POWER CHANGE PENDING SIGNALS AS REQUIRED TO MASTER CONTROL.
28. LIGHTING, VENTILATION, AND HEATING OF MACHINE/CONTROL ROOM, CONTROL SPACE AND MACHINERY SPACE (RULE 2.7.9)(A17.1 RULE 2.7.5; IBC 2006 SECTION 3006.2). MINIMUM LIGHTING TO BE 200 LUX (19FC). A SWITCH PLACED ADJACENT TO THE ENCLOSURE SHALL CONTROL LIGHTING FOR THE JAMB MOUNTED INSPECTION & TEST PANEL. MACHINE/CONTROL ROOM OR CONTROL SPACE TEMPERATURE TO BE MAINTAINED BETWEEN 5°C (41°F) AND 40°C (104°F) WITH LESS THAN 95% NON-CONDENSING HUMIDITY. INSPECTION AND TEST PANEL FLOOR LANDING MIN. 0°C (32°F) AND MAX 40°C (104°F) WITH LESS THAN 95% NON-CONDENSING HUMIDITY. SEE SCHINDLER POWER SUPPLY DATA SHEET FOR HEAT EMISSIONS.
29. HOIST BEAMS, TRAP DOORS AND OTHER MEANS OF ACCESS TO MACHINERY SPACE OF ADEQUATE SIZE FOR MAINTENANCE AND EQUIPMENT REMOVAL (RULES 2.7.3.4 AND 2.9.3.3). HOIST BEAMS IN EACH SHAFT LOCATED AND LOAD RATED PER SCHINDLER FINAL LAYOUT DRAWINGS. LIFTING POINTS OR BEAMS SHALL BE VISIBLY MARKED WITH THE SAFE WORKING LOAD.
30. WHEN INSTALLATION OF TWO RATED HOIST BEAMS PER SCHINDLER REQUIREMENTS PER HOISTWAY IS NOT FEASIBLE, GC SHALL PROVIDE ALTERNATIVE ANCHORAGE METHODS. ALTERNATIVE ANCHORAGES MUST BE CAPABLE OF SUPPORTING AT LEAST 5,000 POUNDS (22.2 KN) PER EMPLOYEE ATTACHED; OR DESIGNED, INSTALLED AND USED UNDER THE SUPERVISION OF QUALIFIED PERSON AS PART OF A COMPLETE PERSONAL FALL PROTECTION SYSTEM, THAT MAINTAINS A SAFETY FACTOR OF AT LEAST TWO, IN ACCORDANCE WITH OSHA STANDARD 1910.140 (C) (13). SCHINDLER WILL VERIFY THE ALTERNATIVE ANCHORAGE POINTS DOCUMENTATION PRIOR TO MOBILIZING TO JOBSITE/PROJECT.
31. CLASS "ABC" FIRE EXTINGUISHERS IN ELECTRICAL MACHINERY AND CONTROL SPACE. EXTINGUISHERS SHALL BE LOCATED CONVENIENT TO ACCESS DOOR (RULE 8.6.1.6.5).
32. FURNISH ADEQUATE ON-SITE REFUSE CONTAINERS FOR THE PROPER DISPOSAL OF ELEVATOR PACKAGING MATERIAL. IF ADEQUATE CONTAINERS ARE NOT FURNISHED, DISPOSAL OF PACKAGING MATERIAL SHALL BECOME THE RESPONSIBILITY OF THE OWNER.
33. TEMPORARY SERVICE: SCHINDLER SHALL BE REIMBURSED FOR ANY LABOR AND MATERIAL THAT IS NOT PART OF THE PERMANENT ELEVATOR INSTALLATION AND THAT IS REQUIRED TO PROVIDE TEMPORARY ELEVATOR SERVICE. SCHINDLER'S TEMPORARY ACCEPTANCE FORM SHALL BE EXECUTED AND THE ELEVATOR INSPECTED BEFORE BEING PLACED INTO TEMPORARY SERVICE. THE COSTS ASSOCIATED WITH THE POWER, OPERATION, MAINTENANCE, AND REHABILITATION OF THE EQUIPMENT AND ANY CONSTRUCTION PERMITS OR FEES REQUIRED BY GOVERNING AUTHORITIES SHALL BE PAID FOR BY OTHERS.
34. WHERE THERE IS A BLIND HOISTWAY, AN EMERGENCY DOOR SHALL BE INSTALLED AT EVERY THIRD FLOOR, BUT NOT MORE THAN 11M (36FT) FROM SILL TO SILL. THE CLEAR OPENING MUST BE AT LEAST 700MM (28") WIDE AND 2030MM (80") HIGH (RULE 2.11.1.2).
35. A TEMPORARY WORK PLATFORM IS REQUIRED FOR INSTALLATION OF THE ELEVATOR - UNLESS OTHERWISE DIRECTED BY SCHINDLER. IT IS TO BE CONSTRUCTED AT THE TOP FLOOR OF EACH TRACTION ELEVATOR. IT MUST COMPLY WITH APPLICABLE GOVERNING CODES & REGULATIONS. THE PLATFORM SHALL BE SECURELY FASTENED TO THE BUILDING STRUCTURE. ERECTION, MAINTENANCE, AND REMOVAL ARE BY OTHERS. (REFERENCE SCHINDLER DRAWING TD440)
36. IN ADDITION TO THE ABOVE, THE FOLLOWING WORK MUST BE COMPLETED BEFORE ELEVATOR(S) ARE PLACED INTO AUTOMATIC OPERATION. (PRIOR TO CODE REQUIRED MUNICIPAL AUTHORITY INSPECTION. REFER TO SCHINDLER ACCEPTANCE INSPECTION STANDARD FORM).  
A. FINISHED CAB FLOORING AND IF APPLICABLE, FITTING OF INTERIOR CAB WALLS AND/OR CEILING.  
B. IF APPLICABLE, SMOKE AND/OR HEAT DETECTORS WITH SIGNALS TO ELEVATOR CONTROLLER(S).  
C. IF APPLICABLE, EMERGENCY POWER GENERATOR AND AUTOMATIC TRANSFER SWITCH WITH CAPACITY TO RUN AT LEAST ONE ELEVATOR AT A TIME.  
D. SEAL ALL PENETRATIONS THROUGH 2-HOUR (OR GREATER) RATED WALLS WITH CODE APPROVED MATERIAL. DRYWALL LINER BEHIND ALL WALL MOUNTED HALL FIXTURES.  
E. ALL RECEPTACLES INSTALLED IN MACHINE/CONTROL ROOMS, MACHINERY SPACES AND PITS MUST HAVE GROUND FAULT CIRCUIT INTERRUPTER PROTECTION (GFCI) (NEC 620 OR CSA 38).  
F. IF APPLICABLE, CONDUIT AND WIRING FOR FIRE ALARM SYSTEM TO EACH ELEVATOR CONTROL IN MACHINE/CONTROL ROOM.  
G. IF APPLICABLE, CONDUIT AND WIRE RUNS FOR EMERGENCY/RESCUE COMMUNICATIONS IN CENTRAL ALARM & CONTROL FACILITY, FIRE CONTROL ROOM, SECURITY DESK, ETC.  
H. IF APPLICABLE, CONDUIT AND WIRE RUNS FOR REMOTE ALARM BELL FROM MACHINE/CONTROL ROOM TO REMOTE LOCATION.  
I. ADEQUATE LIGHTING OF BUILDING CORRIDORS SO THAT ILLUMINATION AT THE LANDING SILL IS MINIMUM 100 LUX (10FC) (RULE 2.11.10.2).  
J. NFPA 72 (FIRE APPARATUS CODE) REQ. 6.15.2.2 REQUIRES THE FIRE CONTROL PANEL RELAYS THAT PROVIDE THE DRY CONTACTS TO OUR CONTROLLER NOT BE LOCATED MORE THAN 3 FEET FROM THE INSPECTION & TEST PANEL JAMB.

YOU AGREE TO INDEMNIFY AND SAVE SCHINDLER HARMLESS AGAINST ANY AND ALL LIABILITY AND COSTS ARISING OUT OF YOUR FAILURE TO CARRY OUT ANY OF THE FOREGOING REQUIREMENTS.

Approved for  
production

Brad A Clemens  
7-30-25

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------------------------|---------|------------------------------|
| <p><b>CHANGE NOTICES MUST BE RECEIVED AND FULLY EXECUTED PRIOR TO SCHINDLER ELEVATOR COMPANY PERFORMING ANY ADDITIONAL WORK OUTSIDE OF THE SCOPE OF THE BASE CONTRACT. WRITTEN OR VERBAL NOTICES WILL NOT BE ACCEPTED AS A SUBSTITUTE FOR A FULLY EXECUTED CHANGE NOTICE.</b></p> |                      |                                             |         |                              |
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| SUB                                                                                                                                                                                                                                                                               | REVISION DESCRIPTION |                                             | DATE    | APP'VD.                      |
|  <p>Schindler Elevator Corp.<br/>20 Whippany Road<br/>Morristown, NJ 07960</p> <p>Tel. +1 973.397.6500<br/>www.us.schindler.com</p>                                                          |                      |                                             |         | GC PACKAGE<br>WORK BY OTHERS |
|                                                                                                                                                                                                                                                                                   |                      |                                             |         |                              |
| BUILDING:                                                                                                                                                                                                                                                                         |                      | 4TH LANE FLATS                              |         |                              |
| LOCATION:                                                                                                                                                                                                                                                                         |                      | 1309 4TH AVENUE LANE NE KASSON, MN<br>55944 |         |                              |
| OWNER:                                                                                                                                                                                                                                                                            |                      | KEY BUILDERS INC.                           |         |                              |
| ARCHITECT:                                                                                                                                                                                                                                                                        |                      | TRIMENSION DESIGN                           |         |                              |
| GEN. CONTRACTOR:                                                                                                                                                                                                                                                                  |                      | KEY BUILDERS INC.                           |         |                              |
| ENGINEER:                                                                                                                                                                                                                                                                         |                      | ADAM NIHEI                                  |         |                              |
| DATE:                                                                                                                                                                                                                                                                             |                      | 07/18/2025                                  |         |                              |
| GO #                                                                                                                                                                                                                                                                              | SUB.                 | CAR                                         | SHEET   |                              |
| GRR7617                                                                                                                                                                                                                                                                           | 000                  | 01                                          | 1 OF 11 |                              |
|                                                                                                                                                                                                                                                                                   |                      |                                             |         | 3300                         |

| GENERAL                  |                                    |
|--------------------------|------------------------------------|
| CAR NUMBER               | 01                                 |
| ELEVATOR TYPE            | GENERAL PURPOSE                    |
| CAPACITY / LOADING CLASS | 3500 lbs [1590 KG] / CLASS A       |
| SPEED (VKN)              | 150 fpm [0.75 m/s]                 |
| CONTROL SYSTEM           | NX100                              |
| CONTROL TYPE             | SELECTIVE COLLECTIVE AUTOMATIC     |
| DRIVE SYSTEM             | VARIODOYN                          |
| MACHINE VOLTAGE          | 208                                |
| DRIVE TYPE               | VAF023_230                         |
| SEISMIC CATEGORY         | A                                  |
| LOCAL REGULATION CODE    | MN1, A17.1 - 2016                  |
| LOCAL BUILDING CODE      | IBC 2018                           |
| NFPA13 CODE              | 2016                               |
| FIREFIGHTER CAR          | NO                                 |
| STRETCHER CAR            | YES**                              |
| CP NUMBER                | N/A                                |
| HOISTWAY                 |                                    |
| MACHINE/CWT LOCATION     | ON RAIL IN OVERHEAD                |
| OVERHEAD (HSK)           | 12'-7" [3835 mm]                   |
| TRAVEL (HQ)              | 32'-4 1/2" [9868 mm]               |
| PIT DEPTH (HSG)          | 5' [1524 mm]                       |
| HOISTWAY WIDTH (BS)      | 8'-6" [2591 mm]                    |
| HOISTWAY DEPTH (TS)      | 6'-11" [2108 mm]                   |
| ENTRANCES (OPENINGS)     | 4 (4 FRONT / 0 REAR)               |
| QUANTITY OF LANDINGS     | 4                                  |
| PIT SET DRILLING         | YES                                |
| TRACTION                 |                                    |
| MACHINE TYPE             | FMB130-NN-4D176                    |
| MACHINE HORSEPOWER       | 10.65 (NOT FOR SIZING)             |
| BRAKE ASSEMBLY TYPE      | FMB130-NN-4D176                    |
| BRAKE MODEL              | LEROY SOMER MAGNETIC DISK BRAKE    |
| BRAKE QUANTITY/TYPE      | 2 MAGNETIC DISK BRAKES             |
| DRIVE/CAR SHEAVE DIA     | 3.4" (87 MM)                       |
| STM BELT TYPE            | STM-PV30 (FIRE RATED)              |
| STM QTY                  | 4                                  |
| STM LENGTH (EACH)        | 113' [34.4 M]                      |
| STM TRIP COUNT LIMIT     | 1000000                            |
| ROPING                   | 2:1                                |
| ENTRANCES                |                                    |
| LANDING DOOR TYPE-FRONT  | 2-SPD SIDE OPENING LEFT HAND (T2R) |
| LANDING DOOR TYPE-REAR   | N/A                                |
| DOOR WIDTH (BT)          | 3'-6" [1067 mm]                    |
| DOOR HEIGHT (HT)         | 7' [2134 mm]                       |
| CAB HEIGHT (HK)          | 7'-9 1/8" [2366 mm]                |
| LANDING DOOR LOCK TYPE   | FERMATOR                           |
| LANDING DOOR FIRE RATING | UL 10B1.5 HOURS                    |
| DOOR OPERATOR TYPE       | FERMATOR COMPACT                   |
| DOOR CLUTCH TYPE         | FERMATOR COMPACT                   |

CAR ENCLOSURE MEETS THE EQUIVALENT DEFLECTION AND ALLOWABLE STRESS REQUIREMENTS OF 2.15.10 AND 2.15.11

FIELD NOTES:

- MEETS ASME A17.1, ADA AND LOCAL CODES.
- STM TWIST 180 DEGREES BETWEEN CAR AND MACHINE.
- PER ASME A17.1-2016/CSA B44-07 WITH ADDENDAS A-2008 AND B-2009 AND EDITION 2010 INCLUDES COMMUNICATIONS FAILURE INDICATOR TO BE LOCATED IN VICINITY OF PHASE 1 FIRE RECALL SWITCH.
- THIS CONTRACT COMPLIES WITH ASME A17.1-2007/CSA B44-07 WITH ADDENDAS A-2008 AND B-2009 AND EDITION 2010 AND WHERE APPLICABLE INCLUDES EXCEPTION TO THOSE POINTS COVERED UNDER THE ACCOMPANYING VARIANCE DOCUMENTS RELATED TO THE SUSPENSION SYSTEM AND GOVERNOR ROPES THAT CONFORM TO THE LATTER 2010 EDITION AND TO ASME A17.6-2010.

\*\*ACCOMMODATES A MAXIMUM STRETCHER SIZE OF 84" x 24" [2134 x 610]

| SAFETY ELEMENTS & GUIDE RAILS         |                            |
|---------------------------------------|----------------------------|
| CAR NUMBER                            | 01                         |
| CAR SAFETY TYPE                       | SCHINDLER-RF1              |
| CAR GOVERNOR TYPE                     | SA GBP 202                 |
| CAR GOV. ROPE LENGTH                  | 100.00' [30 m]             |
| CAR GOV. ROPE TYPE                    | 6MM DIA.                   |
| CAR GUIDERAILS                        | 12 lbs/ft (T127-1/B)       |
| CWT GUIDERAILS                        | 6 lbs/ft (T75)             |
| CAR GUIDESHOE TYPE                    | SLIDING                    |
| CWT GUIDESHOE TYPE                    | SLIDING                    |
| CAR BUFFER TYPE                       | SPRING (H06)               |
| CAR BUFFER QTY                        | 2                          |
| CAR BUFFER STROKE                     | 2 1/2" [64 mm]             |
| CAR BUFFER SPRING OUTER DIA. / LENGTH | 4.9 [124] / 6.8 [172]      |
| CAR RUNBY                             | 6" [152 mm]                |
| CWT BUFFER TYPE                       | SPRING ( D3-01)            |
| CWT BUFFER QTY                        | 1                          |
| CWT BUFFER STROKE                     | 2 1/2" [64 mm]             |
| CWT BUFFER SPRING OUTER DIA. / LENGTH | 5.5 [139.7] / 9.06 [230.1] |
| CWT RUNBY                             | 6" [152 mm]                |

| ELECTRICAL DATA            |                      |
|----------------------------|----------------------|
| MAIN POWER SUPPLY          | 208V; 3 PHASE; 60 Hz |
| EMERGENCY POWER OPERATION  | NO                   |
| BATTERY BACKUP (AUTO EVAC) | YES                  |
| AUTOTRANSFORMER            | NO                   |

| SYSTEM WEIGHTS                |                     |
|-------------------------------|---------------------|
| CAR NET AREA                  | 37.78 ft2 [3.51 m2] |
| CAR FLOOR THICKNESS (HKZ)     | 3/8" [10 mm]        |
| CAR ADDITIONAL WEIGHT         | 0 LBS [0 KG]        |
| CAR WEIGHT                    | 2232 LBS [1012 KG]  |
| MASS ACTING ON SAFETIES (GKU) | 5748 LBS [2607 KG]  |
| CWT WEIGHT                    | 3992 LBS [1811 KG]  |
| CWT PERCENTAGE                | 50%                 |
| FLOOR WEIGHT BY OTHERS        | 60 LBS [27 KG]      |

| CONTROL OPTIONS               |      |
|-------------------------------|------|
| EMERGENCY SERVICE / CODE BLUE | NO   |
| HALL SECURITY                 | NONE |
| CAB SECURITY                  | NONE |
| VIP SERVICE                   | NO   |
| WATER DETECTION IN PIT        | NO   |
| TEXT/VIDEO COMMUNICATION      | NO   |
| LOBBY VISION INTERFACE        | NO   |
| STATUS (FIREFIGHTER) PANEL    | NO   |
| ECP WIRING DISTANCE           | N/A  |

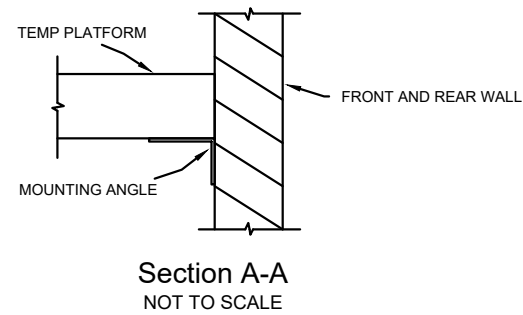
| ACRONYM | DEFINITION                                                                  |
|---------|-----------------------------------------------------------------------------|
| BGS     | DISTANCE BETWEEN COUNTERWEIGHT GUIDE RAILS                                  |
| BIA     | BUFFER IMPACT ASSEMBLY                                                      |
| BK      | CAR WIDTH (INSIDE)                                                          |
| BKE     | CAR ENTRANCE CLEAR WIDTH                                                    |
| BKF1    | CAB INSIDE WALL WIDTH (FRONT LEFT)                                          |
| BKF2    | CAB INSIDE WALL WIDTH (FRONT RIGHT)                                         |
| BKF3    | CAB INSIDE WALL WIDTH (REAR RIGHT)                                          |
| BKF4    | CAB INSIDE WALL WIDTH (REAR LEFT)                                           |
| BKS     | DISTANCE BETWEEN CAR GUIDE RAILS                                            |
| CCL1    | CAR C/L TO MACHINE/CWT SIDE WALL                                            |
| CCL2    | CAR C/L TO LONE RAIL WALL SIDE                                              |
| CCU     | CAR CONTROL UNIT                                                            |
| CIN     | CAR LANTERN                                                                 |
| COP     | CAR OPERATING PANEL                                                         |
| DCL     | DOOR C/L                                                                    |
| F       | FORCE ON GUIDE SHOE IN DIRECTION OF GUIDE RAIL AXIS ON CAR SIDE OR CWT SIDE |
| FF1     | REFER TO F FOR ACTING FORCES ON CAR SIDE                                    |
| FF1g    | REFER TO F FOR ACTING FORCES ON CWT SIDE                                    |
| FF2     | REFER TO P FOR ACTING FORCES ON CAR SIDE                                    |
| FF2g    | REFER TO P FOR ACTING FORCES ON CWT SIDE                                    |
| F11     | FORCE OF LONE CAR RAIL ON HOISTWAY PIT                                      |
| F9      | FORCE OF CAR BUFFER ON HOISTWAY PIT                                         |
| F10     | FORCE OF CWT BUFFER ON HOISTWAY PIT                                         |
| F12     | FORCE OF CWT-SIDE CAR RAIL ON HOISTWAY PIT                                  |
| F14     | FORCE OF CWT RAIL ON FRONT OF HOISTWAY PIT                                  |
| F13     | FORCE OF CWT RAIL ON REAR OF HOISTWAY PIT                                   |
| HE      | FLOOR TO FLOOR DISTANCE                                                     |
| HF      | DISTANCE BETWEEN GUIDE RAIL BRACKETS                                        |
| HGU     | CAR FRAME BOTTOM HEIGHT                                                     |
| HK      | CAR HEIGHT                                                                  |

| ACRONYM | DEFINITION                                                              |
|---------|-------------------------------------------------------------------------|
| HKA     | CAR TOE GUARD HEIGHT                                                    |
| HKB     | PLATFORM & FLOORING THICKNESS                                           |
| HP CAR  | FULL CAR BUFFER HEIGHT                                                  |
| HP CWT  | FULL CWT BUFFER HEIGHT                                                  |
| HPE CAR | HEIGHT OF COMPRESSED CAR BUFFER                                         |
| HPE CWT | HEIGHT OF COMPRESSED CWT BUFFER                                         |
| HSS1    | HEIGHT OF CAR PLINTH                                                    |
| HSS2    | HEIGHT OF CWT PLINTH                                                    |
| JH1     | AUXILIARY DISCONNECT                                                    |
| JH      | MACHINE DISCONNECT                                                      |
| JHL     | CAR SUPPLY DISCONNECT                                                   |
| LIN     | HALL LANTERN                                                            |
| LOP     | HALL PUSH BUTTON                                                        |
| LDU     | LANDING DOOR UNIT, PROVIDES INSPECTION AND TEST PANEL ACCESS            |
| LF CAR  | CAR RAIL LENGTH                                                         |
| LF CWT  | CWT RAIL LENGTH                                                         |
| P       | FORCE ON GUIDE SHOE PERPENDICULAR TO GUIDE RAIL AXIS ON CAR OR CWT SIDE |
| RO      | ROUGH OPENING                                                           |
| SF1     | LEFT HW WALL TO BASE OF CAR RAIL DISTANCE                               |
| SF2     | RIGHT HW WALL TO BASE OF CAR RAIL DISTANCE                              |
| SG      | HW WALL TO CWT C/L                                                      |
| SKO     | OVER-TRAVEL OF CAR ABOVE                                                |
| SKS     | HALF-GRAVITY STOPPING DISTANCE                                          |
| SKU     | OVER-TRAVEL OF CAR CAR BELOW                                            |
| STM     | SUSPENSION TRACTION MEDIA                                               |
| TA      | AUTOTRANSFORMER 20KVA                                                   |
| TAS     | CONTROL TRANSFORMER 1KVA                                                |
| TCRR    | TOP OF CAR RAIL                                                         |
| TCWR    | TOP OF COUNTERWEIGHT RAIL                                               |
| TG      | COUNTERWEIGHT DEPTH                                                     |
| TK      | CAR DEPTH (INSIDE)                                                      |
| TKA     | CAR SILL TO INSIDE CAR WALL                                             |
| TKS     | RUNNING CLEARANCE                                                       |
| TKSW1   | CAR C/L TO FRONT HW WALL DISTANCE                                       |
| TKSW2   | CAR C/L TO REAR HW WALL DISTANCE                                        |
| TSU     | TRANSFER SWITCH UNIT                                                    |
| TSW     | ENTRANCE SILL DEPTH                                                     |
| XCW     | CWT C/L TO CAR GUIDE RAIL BASE DISTANCE                                 |

|                                                                                                                                                                                                                                                     |                                          |      |         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------|---------|
|                                                                                                                                                                                                                                                     |                                          |      |         |
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|                                                                                                                                                                                                                                                     |                                          |      |         |
| SUB                                                                                                                                                                                                                                                 | REVISION DESCRIPTION                     | DATE | APPVD.  |
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| BUILDING:                                                                                                                                                                                                                                           | 4TH LANE FLATS                           |      |         |
| LOCATION:                                                                                                                                                                                                                                           | 1309 4TH AVENUE LANE NE KASSON, MN 55944 |      |         |
| OWNER:                                                                                                                                                                                                                                              | KEY BUILDERS INC.                        |      |         |
| ARCHITECT:                                                                                                                                                                                                                                          | TRIMENSION DESIGN                        |      |         |
| GEN. CONTRACTOR:                                                                                                                                                                                                                                    | KEY BUILDERS INC.                        |      |         |
| ENGINEER:                                                                                                                                                                                                                                           | ADAM NIHEI                               |      |         |
| DATE:                                                                                                                                                                                                                                               | 07/18/2025                               |      |         |
| GO #                                                                                                                                                                                                                                                | SUB.                                     | CAR  | SHEET   |
| GRR7617                                                                                                                                                                                                                                             | 000                                      | 01   | 2 OF 11 |

GC PACKAGE SPECIFICATIONS & DATA

3300



1'-4 1/2" [420]

TKSW=3'-6 3/4" [1086]

HOIST BEAMS (BY OTHERS)

SEE NOTE 9 (TYP.) [A]

CWT

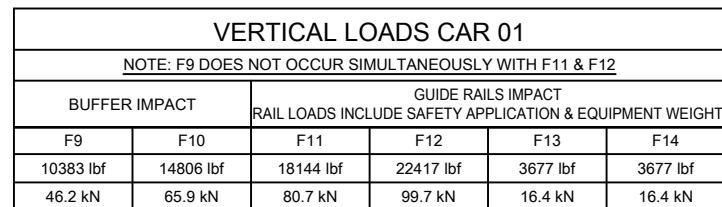
MOTOR WALL

FRONT WALL

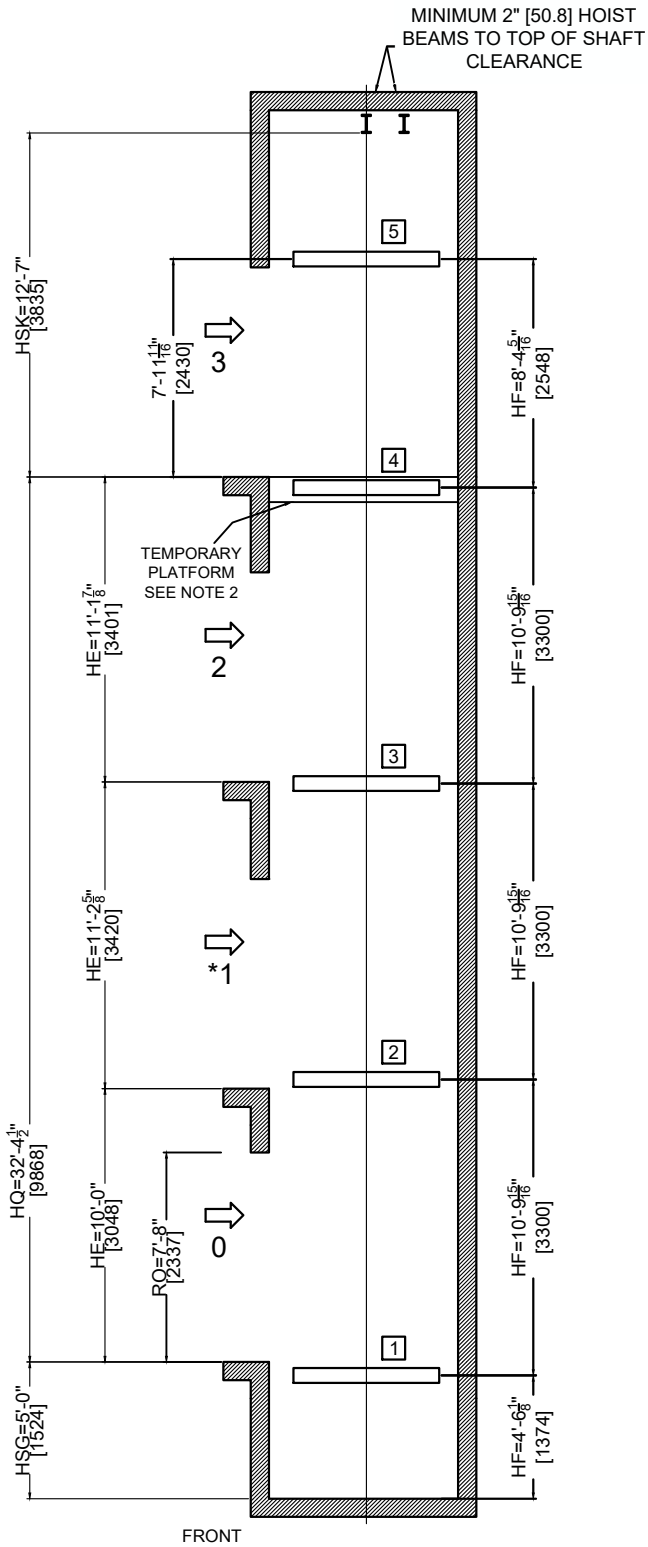
CAR C/L

**OVERHEAD HOIST BEAMS**

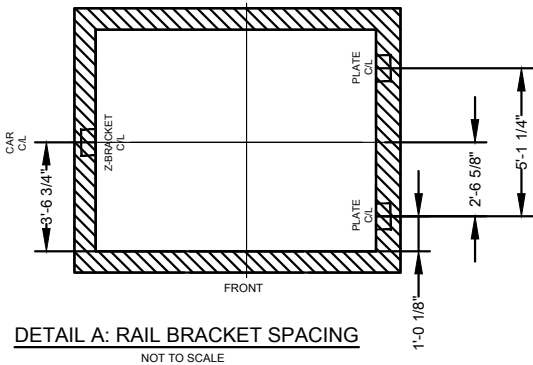
Scale: 1/2"=1'0"



- |                                                                                                                                                                                                                                                                                                                                                         |                                             |     |         |        |                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----|---------|--------|--------------------------|
|                                                                                                                                                                                                                                                                                                                                                         |                                             |     |         |        |                          |
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|                                                                                                                                                                                                                                                                                                                                                         |                                             |     |         |        |                          |
| SUB                                                                                                                                                                                                                                                                                                                                                     | REVISION DESCRIPTION                        |     | DATE    | APPVD. |                          |
|  <div style="margin-left: 20px;"> <p>Schindler Elevator Corp.<br/>20 Whippany Road<br/>Morristown, NJ 07960</p> <p>Tel. +1 973.397.6500<br/><a href="http://www.us.schindler.com">www.us.schindler.com</a></p> </div> <h2 style="margin-top: 20px;">Schindler</h2> |                                             |     |         |        | GC PACKAGE<br>PLAN VIEWS |
| BUILDING:                                                                                                                                                                                                                                                                                                                                               | 4TH LANE FLATS                              |     |         |        |                          |
| LOCATION:                                                                                                                                                                                                                                                                                                                                               | 1309 4TH AVENUE LANE NE KASSON, MN<br>55944 |     |         |        |                          |
| OWNER:                                                                                                                                                                                                                                                                                                                                                  | KEY BUILDERS INC.                           |     |         |        |                          |
| ARCHITECT:                                                                                                                                                                                                                                                                                                                                              | TRIMENSION DESIGN                           |     |         |        |                          |
| GEN. CONTRACTOR:                                                                                                                                                                                                                                                                                                                                        | KEY BUILDERS INC.                           |     |         |        |                          |
| ENGINEER:                                                                                                                                                                                                                                                                                                                                               | ADAM NIHEI                                  |     |         |        |                          |
| DATE:                                                                                                                                                                                                                                                                                                                                                   | 07/18/2025                                  |     |         |        |                          |
| GO #                                                                                                                                                                                                                                                                                                                                                    | SUB.                                        | CAR | SHEET   |        | 3300                     |
| GRR7617                                                                                                                                                                                                                                                                                                                                                 | 000                                         | 01  | 3 OF 11 |        |                          |

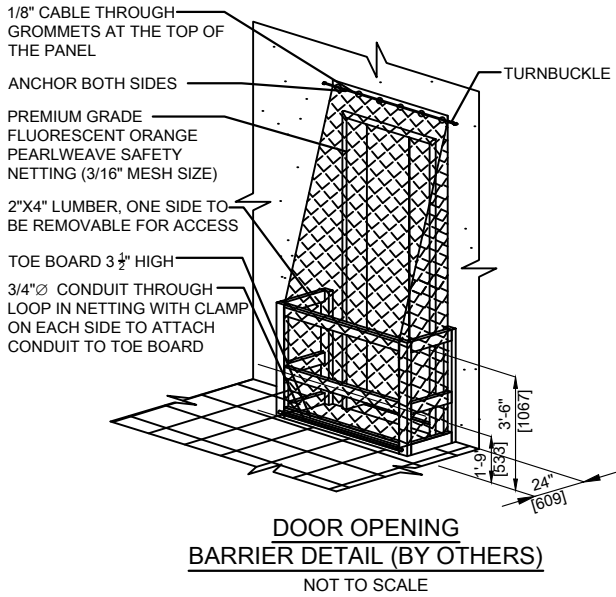


ELEVATION DETAIL CAR 01

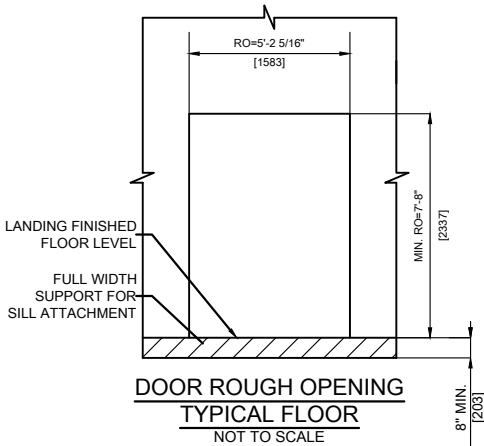


| BRACKET INTERFACE WALL CONSTRUCTION TYPE CAR 01 |           |
|-------------------------------------------------|-----------|
| FROM OUTSIDE SHAFT LOOKING IN                   | TYPE      |
| LEFT WALL                                       | CONCRETE* |
| RIGHT WALL                                      | CONCRETE* |

\*INSERTS PROVIDED. COORDINATION WITH SUPERINTENDENT REQUIRED



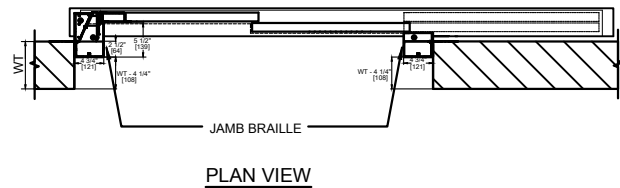
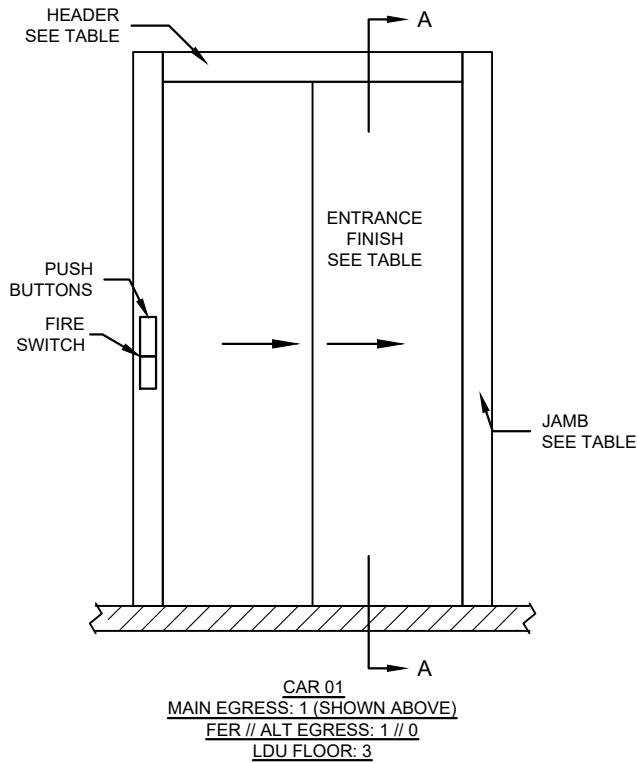
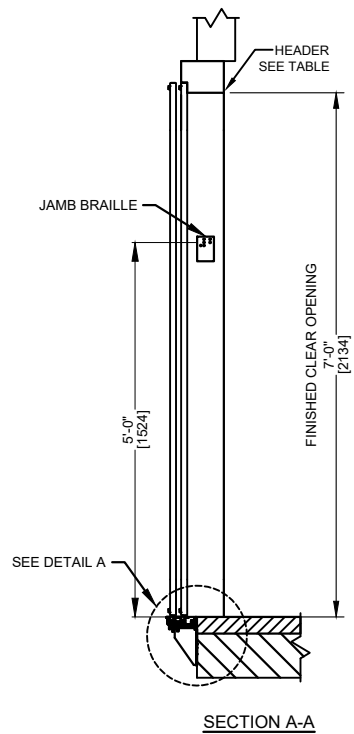
- NOTES:
1. MAXIMUM RAIL BRACKET SPAN ALLOWED IS 10'-9 15/16" [3300] MAXIMUM SPACING BETWEEN BRACKETS FROM L BRACKET TO LAST OMEGA BRACKET OR FROM OVERHEAD Z BRACKET TO Z BRACKET BELOW IS 10'-9 15/16" [3300].
  2. TEMPORARY PLATFORM WITH CORRESPONDING BEARING SUPPORTS TO BE PROVIDED BY OTHERS.
  3. SMOKE VENT LOCATED IN OVERHEAD PER APPLICABLE A17.1 EDITION.
  4. OUT OF LEVEL OF PIT FLOOR NOT TO EXCEED +0.5" [+12].
  5. A BUILDING SUPPORT (PROVIDED BY THE GC) IS REQUIRED AT THE SPECIFIED ELEVATION FOR ATTACHMENT OF THE ELEVATOR RAIL BRACKETS TO THE BUILDING. THE MAXIMUM DEFLECTION OF THE BRACKET SUPPORT SHOULD NOT EXCEED .0625" [1.5] FOR NON-SEISMIC LOCATIONS OR 0.125" [3] FOR SEISMIC LOCATIONS.
  6. ALL DIMENSIONS ARE FROM FINAL FINISHED FLOOR.
  7. HATCH WIDTH, HATCH DEPTH, PIT DEPTH AND OVERHEAD TO BE +1"-0"
  8. HATCH TO BE PLUMB WITHIN 1" TOP TO BOTTOM



| RAIL STACK LEGEND                                                                     |                    |                    |                                                                                       |
|---------------------------------------------------------------------------------------|--------------------|--------------------|---------------------------------------------------------------------------------------|
| SYMBOL                                                                                | DESCRIPTION        |                    |  |
|  | GUIDE RAIL BRACKET |                    |                                                                                       |
|  | OPENING            |                    |                                                                                       |
|                                                                                       |                    |                    |                                                                                       |
| F&P CAR RAIL LOADS                                                                    |                    | F&P CWT RAIL LOADS |                                                                                       |
| F (FF1)                                                                               | P (FF2)            | F (FF1)            | P (FF2)                                                                               |
| 364 lbf                                                                               | 173 lbf            | 72 lbf             | 7 lbf                                                                                 |
| 1619 N                                                                                | 770 N              | 320 N              | 31 N                                                                                  |

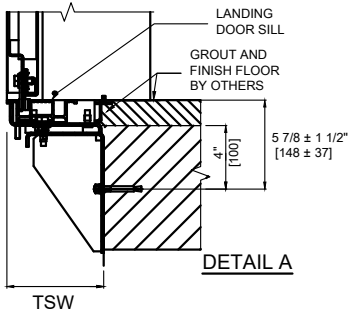
|                                                                                                                                                           |  |                                          |      |         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------|------|---------|
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| BUILDING:                                                                                                                                                 |  | 4TH LANE FLATS                           |      |         |
| LOCATION:                                                                                                                                                 |  | 1309 4TH AVENUE LANE NE KASSON, MN 55944 |      |         |
| OWNER:                                                                                                                                                    |  | KEY BUILDERS INC.                        |      |         |
| ARCHITECT:                                                                                                                                                |  | TRIMENSION DESIGN                        |      |         |
| GEN. CONTRACTOR:                                                                                                                                          |  | KEY BUILDERS INC.                        |      |         |
| ENGINEER:                                                                                                                                                 |  | ADAM NIHEI                               |      |         |
| DATE:                                                                                                                                                     |  | 07/18/2025                               |      |         |
| GO #                                                                                                                                                      |  | SUB.                                     | CAR  | SHEET   |
| GRR7617                                                                                                                                                   |  | 000                                      | 01   | 4 OF 11 |

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NOTES:

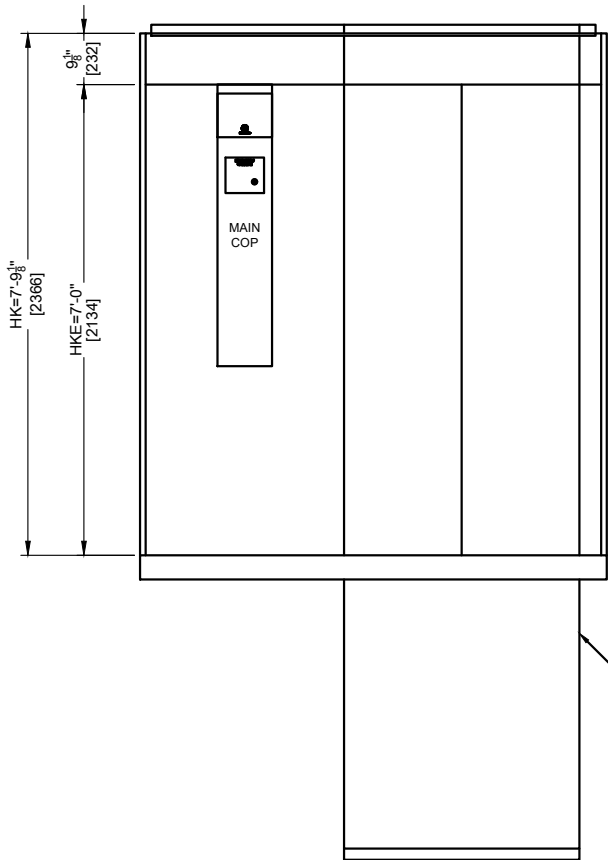
1. HOISTWAY WALLS TO HAVE A FIRE ENDURANCE RATING NOT LESS THAN REQUIRED BY APPLICABLE A17.1 EDITION.
2. FURNISHING, INSTALLING, AND MAINTAINING THE REQUIRED FIRE RATING OF ELEVATOR HOISTWAY WALLS, INCLUDING THE PENETRATION OF FIRE WALL BY ELEVATOR FIXTURE BOXES, IS NOT THE RESPONSIBILITY OF ELEVATOR CONTRACTOR.
3. THE INTERFACE OF HOISTWAY WALL WITH THE HOISTWAY ENTRANCE ASSEMBLY SHALL BE IN STRICT COMPLIANCE WITH THE CONTRACTOR'S REQUIREMENTS IN ORDER TO RETAIN FIRE RATINGS & LABEL VALIDITY OF ELEVATOR HOISTWAY DOORS AND FRAMES.
4. FILLING AND GROUTING AS REQUIRED (BY OTHERS).
5. WHEN WALL MOUNTED FIXTURES, SUPPORT FOR FIXTURE BOXES AS REQUIRED (BY OTHERS).
6. WALL THICKNESS MUST BE MAINTAINED FOR PROPER INSTALLATION OF ENTRANCES.
7. DOOR FIRE RATING 1.5 HR.
8. TOTAL HORIZONTAL FORCE OF 1125 LBF IS IMPOSED ON THE BUILDING STRUCTURE THROUGH ALL THE FIXATION POINTS PER ENTRANCE. REFER TO APPLICABLE A17.1 EDITION.
9. REFER TO FIXTURES SHEET FOR LOCATION OF ALL FIXTURES.
10. FOR CONCRETE WALL CONSTRUCTION, ADDITIONAL 3/4" TOLERANCE IS ADDED TO THE JAMB.



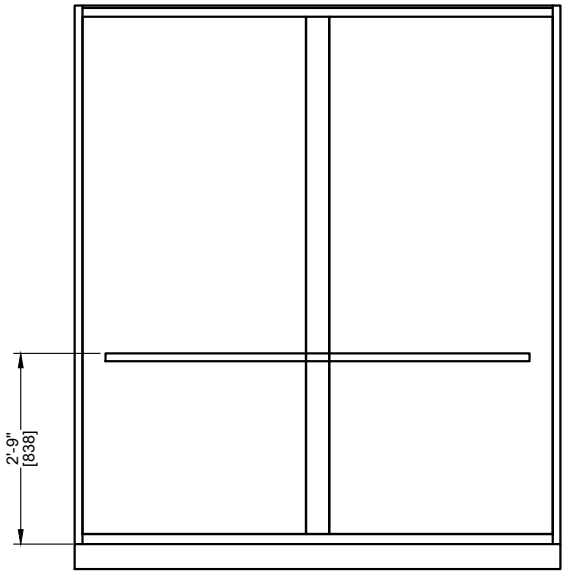
| TABLE OF ENTRANCE DETAILS CAR 01 |       |                     |                |                |                        |                                                     |                     |               |              |              |
|----------------------------------|-------|---------------------|----------------|----------------|------------------------|-----------------------------------------------------|---------------------|---------------|--------------|--------------|
| OPENING                          |       | WALL THICKNESS (WT) | CONSTRUCTION   |                | ENTRANCE SILL MATERIAL | JAMB FINISH (14 GA. STL./ DOOR FINISH (18 GA. STL.) | DOOR PANEL WEIGHT   | JAMB          |              |              |
| FLOOR                            | TYPE  |                     | SILL INTERFACE | WALL INTERFACE |                        |                                                     |                     | HEADER REVEAL | LEFT REVEAL  | RIGHT REVEAL |
| 0                                | FRONT | 3 1/8" MIN          | CONCRETE       | CONCRETE       | ALUMINUM               | #4 STAINLESS STEEL                                  | 144.4 LBS [65.5 KG] | 4 3/4" [121]  | 4 3/4" [121] | 4 3/4" [121] |
| *1                               | FRONT | 3 1/8" MIN          | CONCRETE       | CONCRETE       | ALUMINUM               | #4 STAINLESS STEEL                                  | 144.4 LBS [65.5 KG] | 4 3/4" [121]  | 4 3/4" [121] | 4 3/4" [121] |
| 2                                | FRONT | 3 1/8" MIN          | CONCRETE       | CONCRETE       | ALUMINUM               | #4 STAINLESS STEEL                                  | 144.4 LBS [65.5 KG] | 4 3/4" [121]  | 4 3/4" [121] | 4 3/4" [121] |
| 3                                | FRONT | 3 1/8" MIN          | CONCRETE       | CONCRETE       | ALUMINUM               | #4 STAINLESS STEEL                                  | 144.4 LBS [65.5 KG] | 4 3/4" [121]  | 4 3/4" [121] | 4 3/4" [121] |

|                                                                                                                                                                                                                                                                                 |                                          |      |         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------|---------|
|                                                                                                                                                                                                                                                                                 |                                          |      |         |
|                                                                                                                                                                                                                                                                                 |                                          |      |         |
|                                                                                                                                                                                                                                                                                 |                                          |      |         |
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|                                                                                                                                                                                                                                                                                 |                                          |      |         |
| SUB                                                                                                                                                                                                                                                                             | REVISION DESCRIPTION                     | DATE | APPVD.  |
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| BUILDING:                                                                                                                                                                                                                                                                       | 4TH LANE FLATS                           |      |         |
| LOCATION:                                                                                                                                                                                                                                                                       | 1309 4TH AVENUE LANE NE KASSON, MN 55944 |      |         |
| OWNER:                                                                                                                                                                                                                                                                          | KEY BUILDERS INC.                        |      |         |
| ARCHITECT:                                                                                                                                                                                                                                                                      | TRIMENSION DESIGN                        |      |         |
| GEN. CONTRACTOR:                                                                                                                                                                                                                                                                | KEY BUILDERS INC.                        |      |         |
| ENGINEER:                                                                                                                                                                                                                                                                       | ADAM NIHEI                               |      |         |
| DATE:                                                                                                                                                                                                                                                                           | 07/18/2025                               |      |         |
| GO #                                                                                                                                                                                                                                                                            | SUB.                                     | CAR  | SHEET   |
| GRR7617                                                                                                                                                                                                                                                                         | 000                                      | 01   | 5 OF 11 |

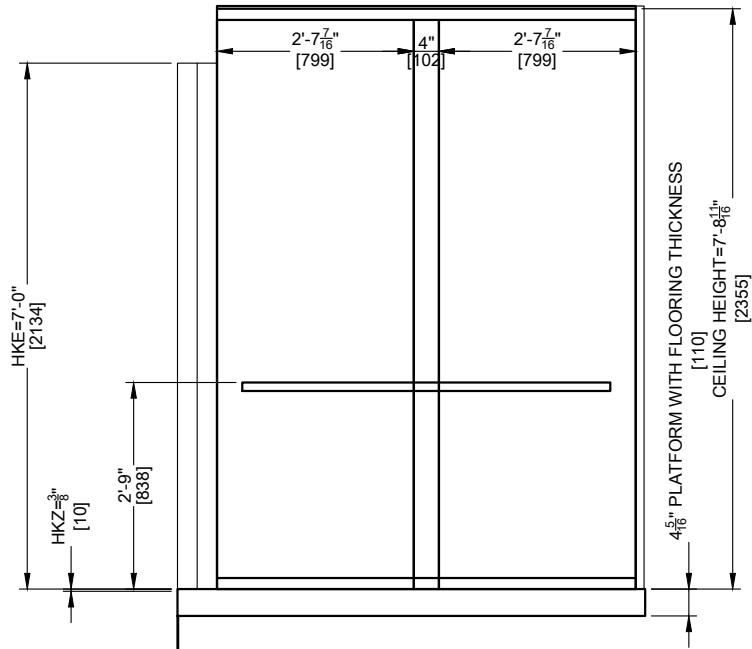
GC PACKAGE  
ENTRANCES  
3300  
LAYOUTS BASED ON OPPORTUNITY: 20450311



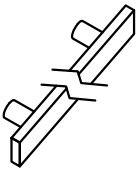
FRONT ELEVATION



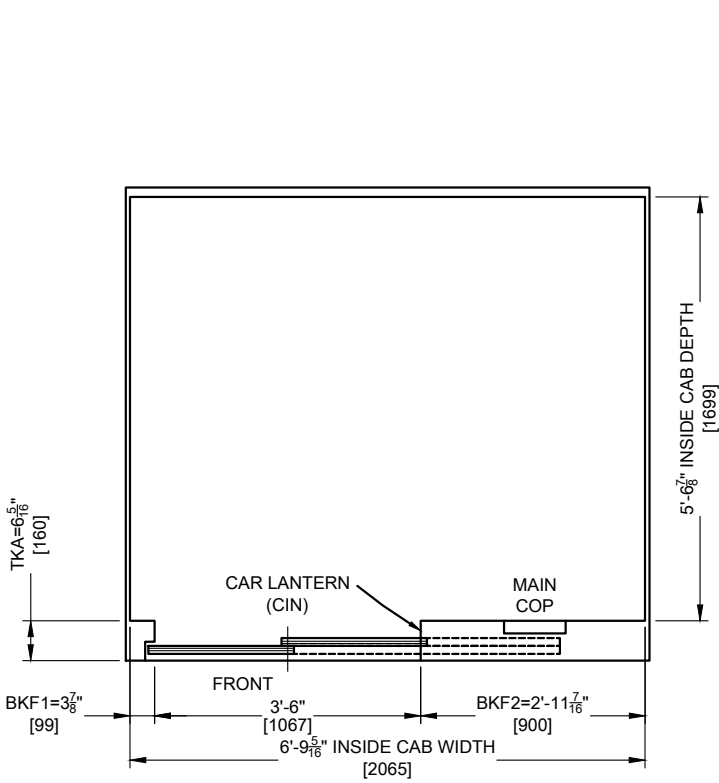
REAR ELEVATION



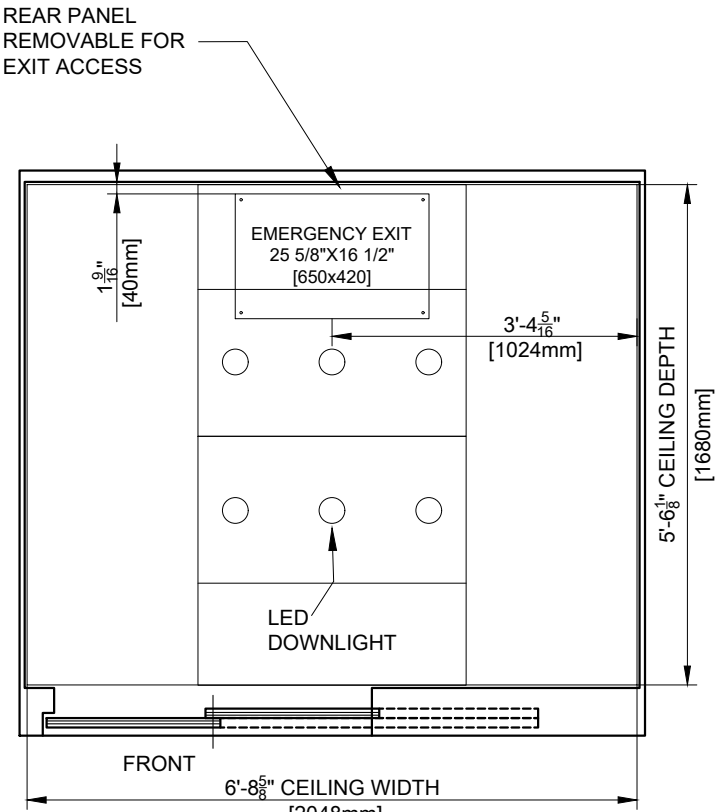
SIDE ELEVATION



HANDRAIL  
NOT TO SCALE



CAR PLAN

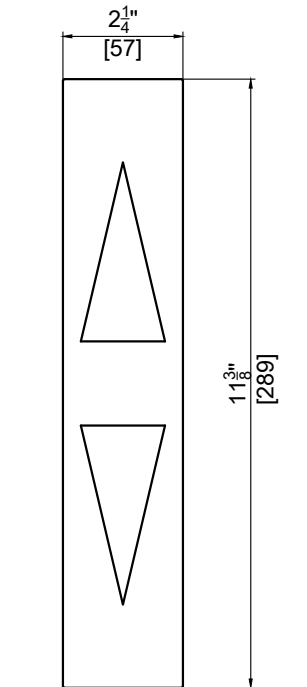
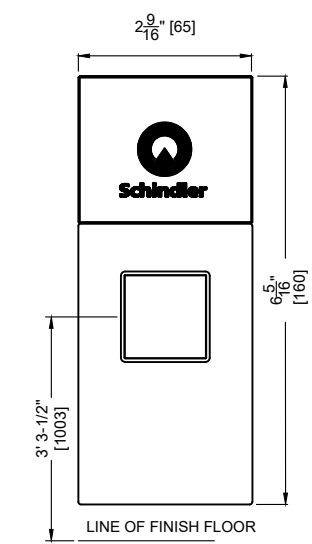
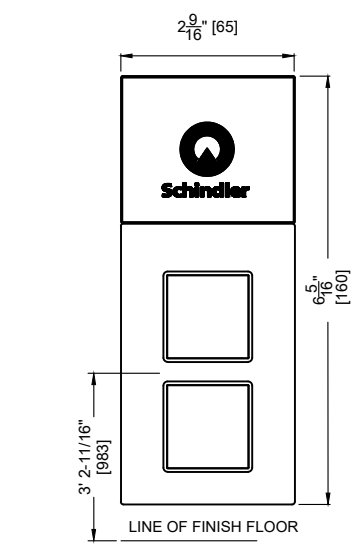
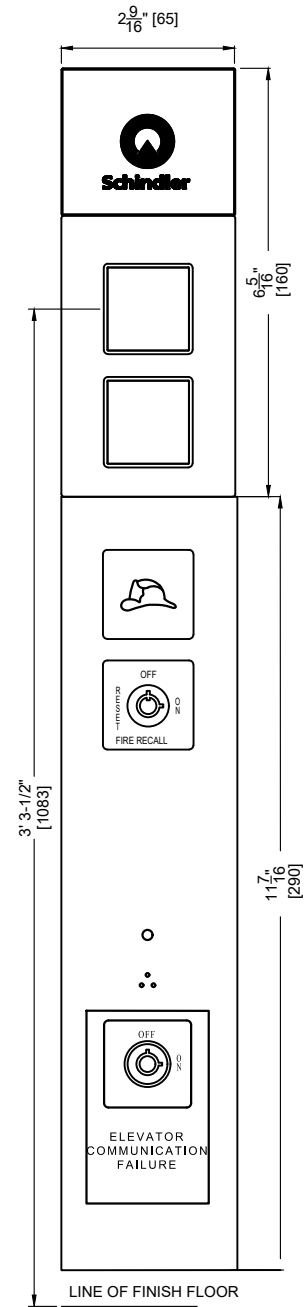
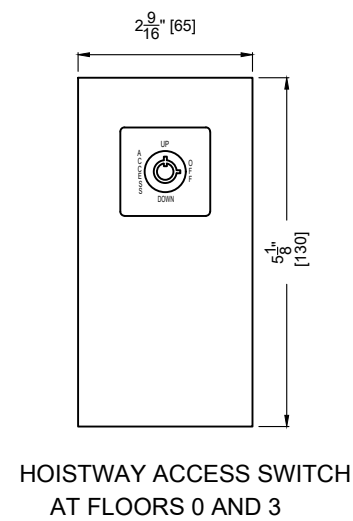


CEILING PLAN

| CAR FRONT              |                      | OPTIONS               |                              |
|------------------------|----------------------|-----------------------|------------------------------|
| CAR FRONT DECORATION   | #4 STAINLESS STEEL   | CAR FAN TYPE          | 1 SPEED                      |
| CAR DOOR DECORATION    | #4 STAINLESS STEEL   | CAR LANTERN           | PROVIDED                     |
| CAR DOOR PANEL WEIGHT  | 150.1 LBS [68.1 KG]  | HANDRAIL LOCATION     | RIGHT,LEFT,REAR              |
| COP FACEPLATE MATERIAL | STEEL                | HANDRAIL TYPE         | RECTANGULAR(STRAIGHT)        |
| CAR POSITION INDICATOR | IN MAIN COP          | HANDRAIL FINISH       | BRUSHED ALUMINUM             |
| SILL TYPE              | ALUMINUM             | TELEPHONE             | HANDS-FREE ADA               |
| LIGHT CURTAIN TYPE     | STATIC LIGHT CURTAIN | FLOOR                 |                              |
| CAR WALLS              |                      | FLOOR RECESS          | 3/8" [10]                    |
| SIDE WALL TYPE         | #4 STAINLESS STEEL   | FLOOR TYPE            | BY OTHERS                    |
| SIDE WALL FINISH       | SB441                | CEILING               |                              |
| REAR WALL              | #4 STAINLESS STEEL   |                       |                              |
| REAR WALL FINISH       | SB441                |                       |                              |
| CEILING                |                      | CEILING TYPE          | LED DOWN LIGHT - ROUND SPOTS |
| CEILING FINISH         | #4 STAINLESS STEEL   | CEILING LIGHTING TYPE | AUTOMATIC ON/OFF             |

|                                                                                                                      |                                          |     |         |
|----------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----|---------|
| Schindler Elevator Corp.<br>20 Whippany Road<br>Morristown, NJ 07960<br>Tel. +1 973.397.6500<br>www.us.schindler.com |                                          |     |         |
| BUILDING:                                                                                                            | 4TH LANE FLATS                           |     |         |
| LOCATION:                                                                                                            | 1309 4TH AVENUE LANE NE KASSON, MN 55944 |     |         |
| OWNER:                                                                                                               | KEY BUILDERS INC.                        |     |         |
| ARCHITECT:                                                                                                           | TRIMENSION DESIGN                        |     |         |
| GEN. CONTRACTOR:                                                                                                     | KEY BUILDERS INC.                        |     |         |
| ENGINEER:                                                                                                            | ADAM NIHEI                               |     |         |
| DATE:                                                                                                                | 07/18/2025                               |     |         |
| GO #                                                                                                                 | SUB.                                     | CAR | SHEET   |
| GRR7617                                                                                                              | 000                                      | 01  | 6 OF 11 |





| FIXTURE DETAILS        |                |                  |               |             |
|------------------------|----------------|------------------|---------------|-------------|
| FIXTURE                | MOUNTING       | FACEPLATE FINISH | BUTTON FINISH | GLASS COVER |
| POSITION INDICATOR     | N/A            | N/A              | N/A           | N/A         |
| PUSHBUTTONS            | FLUSH IN FRAME | N/A              | N/A           | N/A         |
| ACCESS SWITCH          | FLUSH IN FRAME | BRUSHED          | N/A           | N/A         |
| EMERGENCY COMM MONITOR | FLUSH IN FRAME | BRUSHED          | N/A           | N/A         |

|                                                                                                                                                                                                                                                                                                                              |                                           |      |                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------|-----------------------------------|
|                                                                                                                                                                                                                                                                                                                              |                                           |      |                                   |
|                                                                                                                                                                                                                                                                                                                              |                                           |      |                                   |
|                                                                                                                                                                                                                                                                                                                              |                                           |      |                                   |
|                                                                                                                                                                                                                                                                                                                              |                                           |      |                                   |
|                                                                                                                                                                                                                                                                                                                              |                                           |      |                                   |
| SUB                                                                                                                                                                                                                                                                                                                          | REVISION DESCRIPTION                      | DATE | APP'VD.                           |
| <div><div><div><div>Schindler</div><div>Schindler Elevator Corp.<br/>20 Whippany Road<br/>Morristown, NJ 07960<br/><br/>Tel. +1 973.397.6500<br/><a href="http://www.us.schindler.com">www.us.schindler.com</a></div></div></div></div> |                                           |      | GC PACKAGE<br>CAR STATION DETAILS |
| BUILDING:                                                                                                                                                                                                                                                                                                                    | 4TH LANE FLATS                            |      |                                   |
| LOCATION:                                                                                                                                                                                                                                                                                                                    | 1309 44TH AVENUE LANE NE KASSON, MN 55944 |      |                                   |
| OWNER:                                                                                                                                                                                                                                                                                                                       | KEY BUILDERS INC.                         |      |                                   |
| ARCHITECT:                                                                                                                                                                                                                                                                                                                   | TRIMENSION DESIGN                         |      |                                   |
| GEN. CONTRACTOR:                                                                                                                                                                                                                                                                                                             | KEY BUILDERS INC.                         |      |                                   |
| ENGINEER:                                                                                                                                                                                                                                                                                                                    | ADAM NIHEI                                |      |                                   |
| DATE:                                                                                                                                                                                                                                                                                                                        | 07/18/2025                                |      |                                   |
| GO #                                                                                                                                                                                                                                                                                                                         | SUB.                                      | CAR  |                                   |
| GRR7617                                                                                                                                                                                                                                                                                                                      | 000                                       | 01   | 8 OF 11                           |

LAYOUTS BASED ON OPPORTUNITY: 204503311

3300

Schindler Elevator Corp.  
20 Whippany Road  
Morristown, NJ 07960

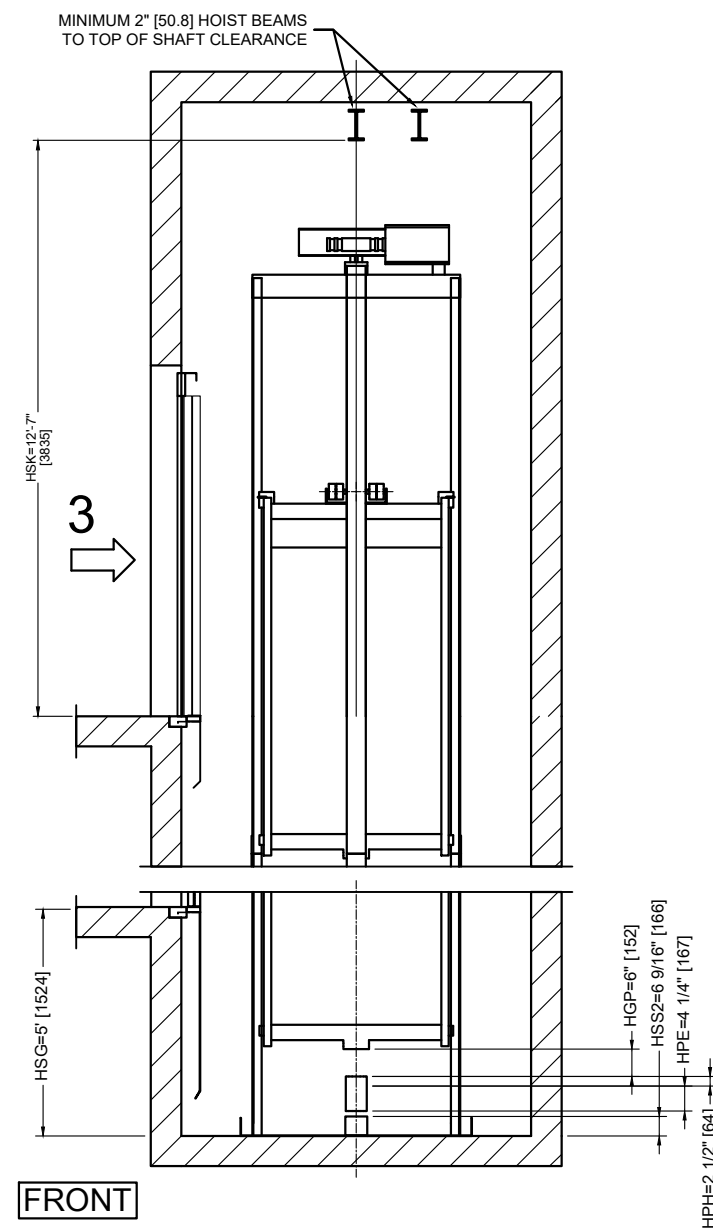
|                  |                                             |     |        |
|------------------|---------------------------------------------|-----|--------|
| BUILDING:        | 4TH LANE FLATS                              |     |        |
| LOCATION:        | 1309 4TH AVENUE LANE NE KASSON, MN<br>55944 |     |        |
| OWNER:           | KEY BUILDERS INC.                           |     |        |
| ARCHITECT:       | TRIMENSION DESIGN                           |     |        |
| GEN. CONTRACTOR: | KEY BUILDERS INC.                           |     |        |
| ENGINEER:        | ADAM NIHEI                                  |     |        |
| DATE:            | 07/18/2025                                  |     |        |
| GO #             | SUB.                                        | CAR | SHEET  |
| GRR7617          | 000                                         | 01  | 8 OF 1 |

3300

GC PACKAGE

CAR STATION DETAILS

LAYOUTS BASED ON OPPORTUNITY: 204503311

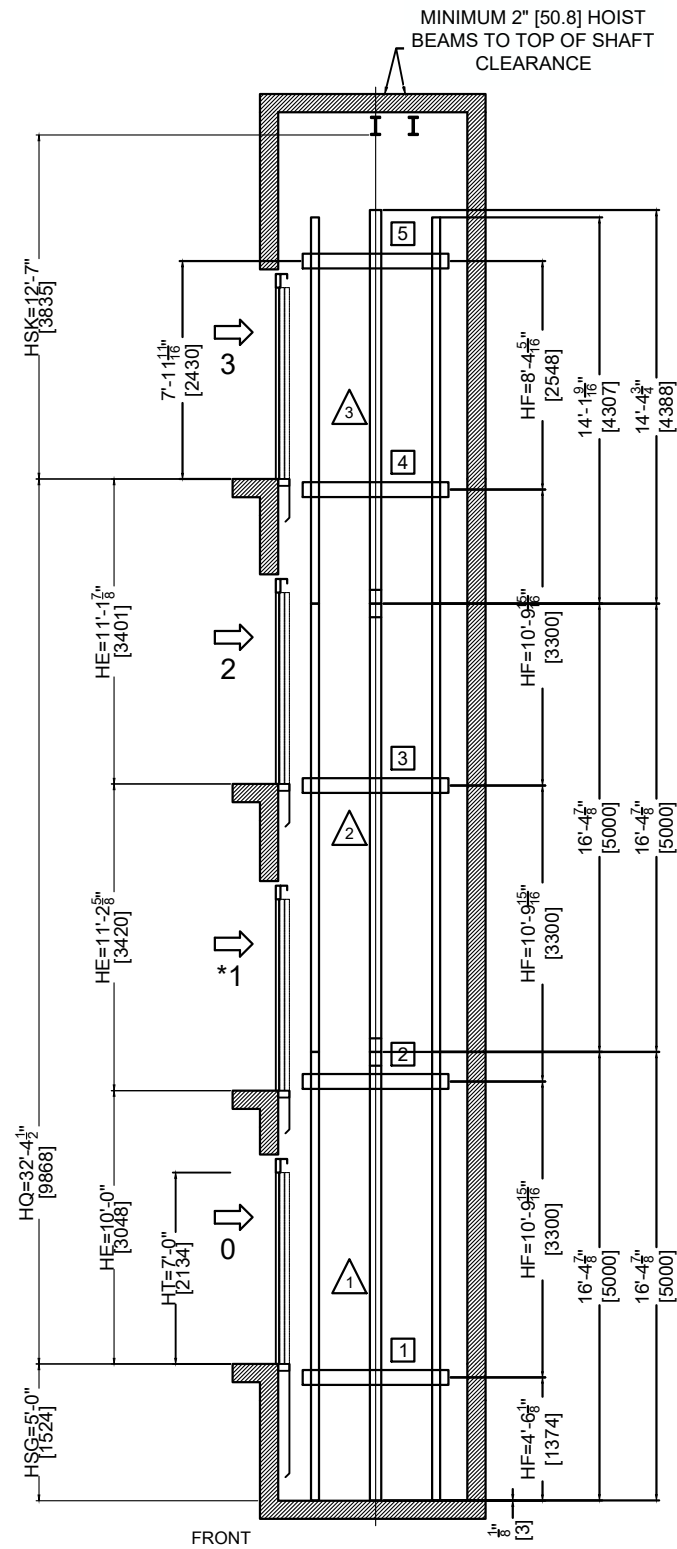


|              |              |               |
|--------------|--------------|---------------|
|              | CAR BUFFER   | CWT BUFFER    |
| MODEL        | SPRING       | SPRING        |
| HP           | 6 3/4" [172] | 9 1/16" [230] |
| # OF BUFFERS | 2            | 1             |

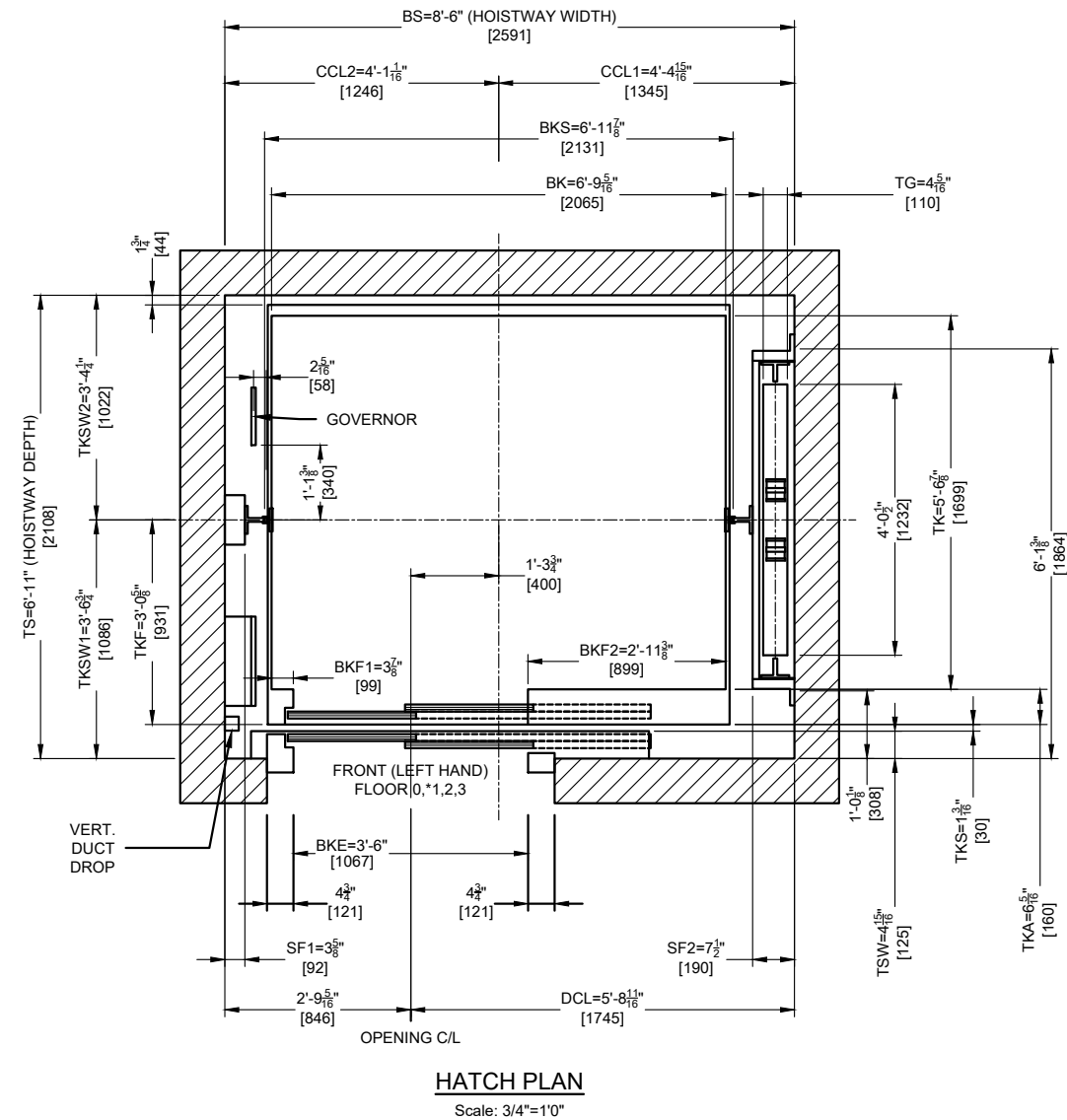
| MISCELLANEOUS DIMENSIONS |                    |
|--------------------------|--------------------|
| HGR                      | 8'-8 15/16" [2665] |
| HGU                      | 1" [25]            |
| HKB                      | 3 15/16" [100]     |
| SKS (CAR JUMP)           | 1 1/8" [28]        |
| SGS (CWT JUMP)           | 1 1/8" [28]        |

|                                                                                                                       |                                          |                                                                                                                                          |         |                 |                                                             |
|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------|-------------------------------------------------------------|
|                                                                                                                       |                                          |                                                                                                                                          |         |                 |                                                             |
|                                                                                                                       |                                          |                                                                                                                                          |         |                 |                                                             |
|                                                                                                                       |                                          |                                                                                                                                          |         |                 |                                                             |
|                                                                                                                       |                                          |                                                                                                                                          |         |                 |                                                             |
|                                                                                                                       |                                          |                                                                                                                                          |         |                 |                                                             |
| SUB                                                                                                                   | REVISION DESCRIPTION                     |                                                                                                                                          | DATE    | APP'VD          |                                                             |
| <div><br/><b>Schindler</b></div> |                                          | <div>Schindler Elevator Corp.<br/>20 Whippany Road<br/>Morristown, NJ 07960<br/><br/>Tel. +1 973.397.6500<br/>www.us.schindler.com</div> |         |                 | <div>INSTALLER PACKAGE -<br/>CAR &amp; CWT CLEARANCES</div> |
| BUILDING:                                                                                                             | 4TH LANE FLATS                           |                                                                                                                                          |         |                 |                                                             |
| LOCATION:                                                                                                             | 1309 4TH AVENUE LANE NE KASSON, MN 55944 |                                                                                                                                          |         |                 |                                                             |
| OWNER:                                                                                                                | KEY BUILDERS INC.                        |                                                                                                                                          |         |                 |                                                             |
| ARCHITECT:                                                                                                            | TRIMENSION DESIGN                        |                                                                                                                                          |         |                 |                                                             |
| GEN. CONTRACTOR:                                                                                                      | KEY BUILDERS INC.                        |                                                                                                                                          |         |                 |                                                             |
| ENGINEER:                                                                                                             | ADAM NIHEI                               |                                                                                                                                          |         |                 |                                                             |
| DATE:                                                                                                                 | 07/18/2025                               |                                                                                                                                          |         |                 |                                                             |
| GO #                                                                                                                  | SUB.                                     | CAR                                                                                                                                      | SHEET   |                 |                                                             |
| GRR7617                                                                                                               | 000                                      | 01                                                                                                                                       | 9 OF 11 |                 |                                                             |
|                                                                                                                       |                                          |                                                                                                                                          |         | <div>3300</div> |                                                             |

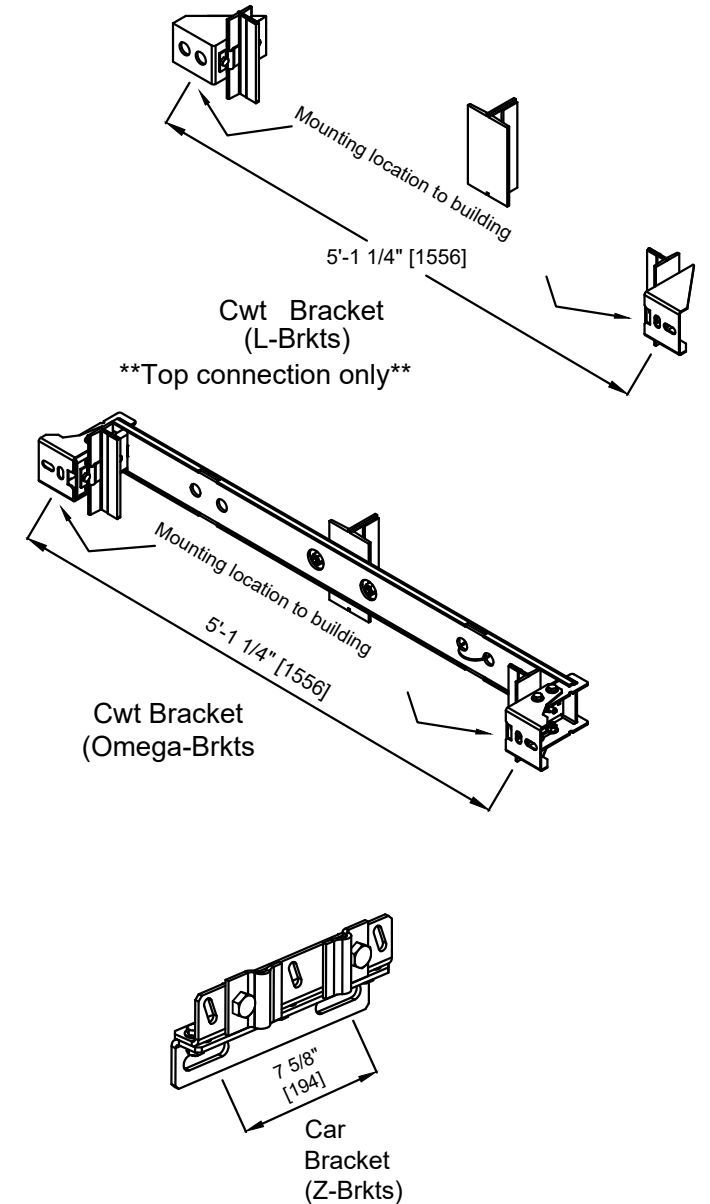
Max Bracket Span = 10'-9 15/16" [3300]



ELEVATION DETAIL CAR 01



For Bracket Welding Details reference:  
Vertical Tube Steel (VTS) Z\_44140065  
Horizontal Steel Z\_44140069  
Steel Divider Beam Z\_44106239 and  
Z\_44130861



| RAIL STACK LEGEND - CAR 01                                                            |                    |
|---------------------------------------------------------------------------------------|--------------------|
| SYMBOL                                                                                | DESCRIPTION        |
|  | FISH PLATE         |
|  | GUIDE RAIL         |
|  | GUIDE RAIL BRACKET |
|  | OPENING            |

| RAIL INFORMATION  |        |            |            |
|-------------------|--------|------------|------------|
| 5m (QTY)          |        | 2.5m (QTY) |            |
| 6                 |        | 0          |            |
| BRACKET SELECTION |        |            | ATTACHMENT |
|                   | TYPE   | QTY        | TYPE       |
| CAR SIDE          |        |            |            |
| Z BRACKET         | Z-B-NS | 5          | INSERTS    |
| CWT SIDE          |        |            |            |
| TOP L BRACKET     | L-NS   | 1          | INSERTS    |
| OMEGA BRACKET     | O-NS   | 4          | INSERTS    |
| INT. TIE BRACKET  |        |            |            |
| DIVIDER BEAM BRKT | N/A    | 0          | N/A        |

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Diagram illustrating the components of a counterweight door system:

- 2-4' FLORESCENT LIGHT FOR 19FC
- COUNTERWEIGHT SIDE STAY CLEAR!!
- LONE RAIL SAME AS DOOR LEFT HAND/STRIKE SIDE
- LEFT HAND STRIKE SIDE

SMOKE & HEAT  
ON CEILING (HEAT  
ONLY IF SPRINKLED)  
SPRINKLER IF REQ'D  
ON CEILING

LIGHT SWITCH (3-WAY)  
AND GFCI OUTLET

PIT DUPLEX OUTLET

4"

LIGHT FOR 10FC

12"

JUNCTION BOX

FLOOR DRAIN

COUNTERWEIGHT SIDE STAY CLEAR!!!

CONDUIT LIGHT RUN (SEE BELOW)

LONE RAIL SAME AS DOOR LEFT HAND/STRIKE SIDE

12"

DETAIL A

LEFT HAND STRIKE SIDE

FRONT

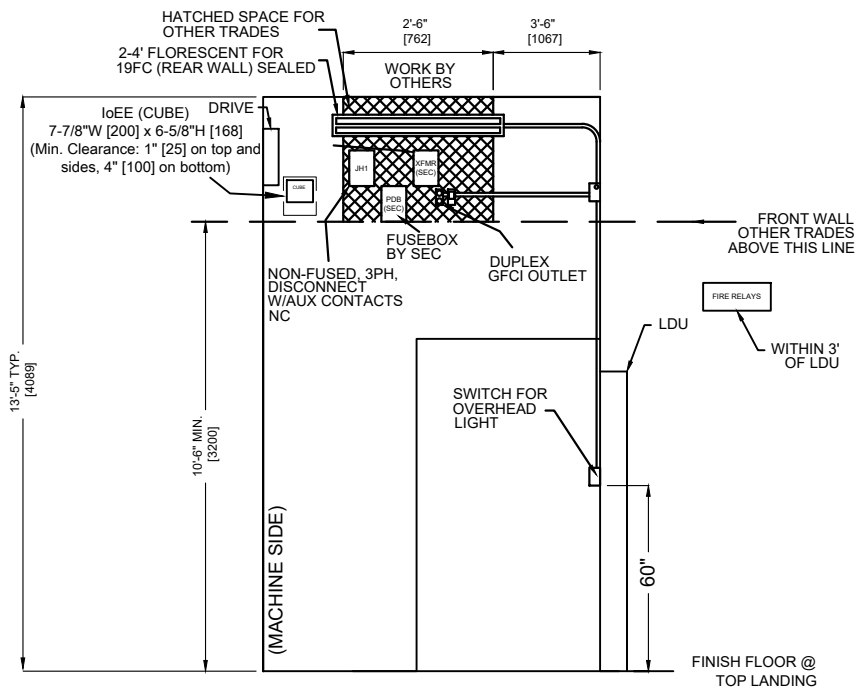
CONDUIT LIGHT  
RUN (SEE BELOW)

LIGHT SWITCH (3-WAY) AND  
GFCI OUTLET

Diagram illustrating the installation of a pit light and associated components. The diagram shows a cross-section of a pit structure with the following details:

- PIT LIGHT**: 12" FROM FRONT WALL OF SHAFT
- FRONT OF SHAFT**
- FINISH FLOOR AT LOWEST LEVEL**
- WORK BY OTHERS BELOW THIS LINE ON REAR WALL**
- PIT FLOOR**
- FLOOR DRAIN**
- 2-4" FLORESCENT LIGHTS 10FC (SEALED)**
- PIT DUPLEX OUTLET**
- CONDUIT**
- JUNCTION BOX**
- CONDUIT FOR LIGHT**
- PIT LADDER BY R/L**
- PIT SWITCH**
- 48" ABOVE FINISH FLOOR**
- 52" ABOVE FINISH FLOOR**
- 4" FOR WORK BY OTHERS (SEE ABOVE)**
- 12"**
- 17-1/2" ABOVE FINISH FLOOR**
- 7-7/8" [200]**
- 1'-4" [406]**
- 1'-0" [305]**
- 20"**

WORK BY OTHERS BELOW  
THIS LINE ON REAR WALL -



(MACHINE SIDE)

**LIGHTING**  
**1- PIT AREA**  
A PERMANENT LIGHTING FIXTURE SHALL BE PROVIDED FOR THE PIT AREA, AND SHALL CONFORM TO A17.1/2.2.5:  
THE LIGHTING SHALL PROVIDE AN ILLUMINATION OF NOT LESS THAN 100 LX (10 FC) AT THE PIT FLOOR AND AT A PIT PLATFORM, WHEN PROVIDED, THE LIGHT BULB(S) SHALL BE EXTERNALLY GUARDED TO PREVENT CONTACT AND ACCIDENTAL BREAKAGE. THE LIGHT SWITCH SHALL BE SO LOCATED AS TO BE ACCESSIBLE FROM THE PIT ACCESS DOOR.

| NAME             | HEIGHT          | WIDTH            | DEPTH          | WEIGHT |
|------------------|-----------------|------------------|----------------|--------|
| DRIVE VAF023_230 | 1'6 1/2"<br>470 | 1'1 7/16"<br>342 | 8 3/4"<br>223  | -      |
| IoEE (CUBE)      | 5 1/2"<br>140   | 7 11/16"<br>195  | 1 11/16"<br>42 | -      |



Schindler Elevator Corp.  
20 Whippany Road  
Morristown, NJ 07960

Tel. +1 973.397.6500  
www.us.schindler.com

|                  |                                             |     |         |
|------------------|---------------------------------------------|-----|---------|
| BUILDING:        | 4TH LANE FLATS                              |     |         |
| LOCATION:        | 1309 4TH AVENUE LANE NE KASSON, MN<br>55944 |     |         |
| OWNER:           | KEY BUILDERS INC.                           |     |         |
| ARCHITECT:       | TRIMENSION DESIGN                           |     |         |
| GEN. CONTRACTOR: | KEY BUILDERS INC.                           |     |         |
| ENGINEER:        | ADAM NIHEI                                  |     |         |
| DATE:            | 07/18/2025                                  |     |         |
| GO #             | SUB.                                        | CAR | SHEET   |
| GRR7617          | 000                                         | 01  | 11 OF 1 |

3300 ELECTRICIAN WORK LAYOUTS BASED ON OPPORTUNITY: 204503311