



SUMP PUMP DISCHARGE NOTES:

- DISCHARGE LINE SHALL BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL
- DISCHARGE LINE SHALL BE PROPERLY SUPPORTED AND LOCATED TO PREVENT IMPEDIMENT OF ELEVATOR OPERATION (COORDINATE WITH RESOLUTE ELEVATOR PRIOR TO INSTALLATION)
- DISCHARGE LOCATION TO BE AN APPROVED LOCATION OUTSIDE OF HOISTWAY ACCORDING TO THE APPLICABLE PLUMBING CODE AND MUST HAVE AN INDIRECT WASTE CONNECTION IF CONNECTED TO SANITARY LINE.

- 1 - ELEVATOR SUMP PUMP DETAIL
NOT TO SCALE

- SUMP PUMP GENERAL NOTES**
- PIT SUMP PUMP SHALL BE RATED FOR 3,000 GALLONS PER HOUR.
 - SUMP PUMP SHALL INCLUDE AN OIL-SENSING DEVICE OR DISCHARGE THROUGH AN OIL INTERCEPTOR AS REQUIRED BY THE PLUMBING CODE TO PREVENT OIL-CONTAMINATED WATER FROM ENTERING THE SANITARY SYSTEM. OIL SENSING DEVICE NOT REQUIRED FOR TRACTION ELEVATOR MODEL IF PERMITTED BY THE AUTHORITY HAVING JURISDICTION (AHJ). (ASME A17.1 §2.2.2.5, §2.2.2.6; IPC §1003.4.1; UPC § 1016.1)
 - SUMP PUMP CONTROL BOX OR ALARM SHALL NOT BE LOCATED IN THE ELEVATOR PIT, MACHINE SPACE. (ASME A17.1 §2.2.2.6)
 - PROVIDE A DEDICATED CIRCUIT CONNECTED TO A GFCI-PROTECTED BREAKER FOR THE SUMP PUMP. RECEPTACLE AND CONDUIT PROVIDED BY OTHERS. COORDINATE LOCATION OF RECEPTACLE AND BREAKER AMPERAGE WITH SUMP PUMP SPECIFICATIONS. (ASME A17.1 §2.2.2.5, §2.2.2.6; NEC 620.85; NEC 210.8B)
 - SUMP PUMP ELECTRICAL WIRING SHALL NOT EXCEED 6 FEET OF FLEXIBLE CORD AND MUST BE RUN IN APPROVED CONDUIT WHERE REQUIRED. (NEC 620.21; NEC 400.10)
 - PROVIDE A NON-COMBUSTIBLE GRATE, FLUSH WITH THE PIT FLOOR, OVER THE SUMP PUMP TO PROTECT AGAINST DEBRIS ENTRY AND TRIPPING HAZARDS. (ASME A17.1 §2.2.2.5; IBC 3002.2)
 - DISCHARGE PIPING SHALL BE PROVIDED WITH A CHECK VALVE AND SHUTOFF VALVE ON THE DISCHARGE LINE, SIZED APPROPRIATELY FOR THE PUMP CAPACITY (MINIMUM 1-1/4"). (IPC §712.3.2; UPC §710.0)
 - SUMP PUMP DISCHARGE SHALL CONNECT TO THE DRAINAGE SYSTEM VIA AN INDIRECT WASTE CONNECTION (AIR GAP OR INDIRECT LINE) TO PREVENT BACKFLOW. (IPC §802.1.5; UPC §814.0)
 - APPROVED MATERIALS: DISCHARGE PIPING SHALL BE CONSTRUCTED OF MATERIALS PERMITTED BY THE PLUMBING CODE. WHERE REQUIRED BY AHJ, PIPING MUST BE NON-COMBUSTIBLE (CAST IRON OR STEEL) TO MAINTAIN FIRE RATING AND RESIST OIL EXPOSURE. (IPC TABLE 702.2; IBC 3006.4 (FIRE-RESISTIVE CONSTRUCTION))
 - SUPPORT AND ROUTING: DISCHARGE PIPING SHALL BE PROPERLY STRAPPED AND SUPPORTED PER PLUMBING CODE REQUIREMENTS AND ROUTED SO AS NOT TO INTERFERE WITH ELEVATOR EQUIPMENT, HOISTWAY, OR PIT ACCESS. (IPC §308.5 (SUPPORT OF PIPING); ASME A17.1 §2.8.2.3 (NO INTERFERENCE WITH ELEVATOR EQUIPMENT))
 - PRIOR TO SELECTION OF THE SUMP PUMP AND CONSTRUCTION OF THE SUMP PIT, THE CONTRACTOR SHALL CONSULT WITH THE AHJ ON THESE REQUIREMENTS AND OTHER COMPONENTS NOT LISTED HERE.

REVISIONS

NOT FOR CONSTRUCTION

PROJECT NO.	NH
DATE:	4/15/2026
SCALE:	As indicated
DES. BY:	NH
DRAWN BY:	SFF/NH
CHKD BY:	NH
PROJECT ID #:	

SEAL

RESOLUTE ELEVATOR

SUMP PUMP EXAMPLE DETAILS

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