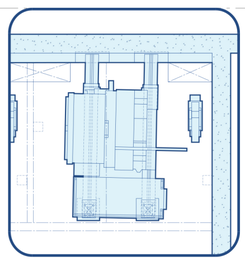
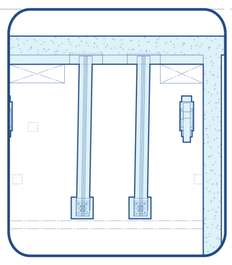
Vertical Transportation & Service

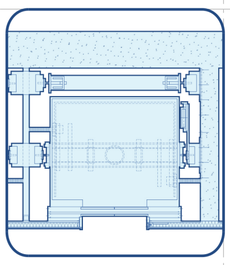
- Wei Xiao



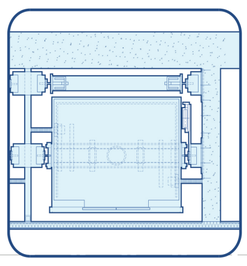
A Elevator Machine Room #01



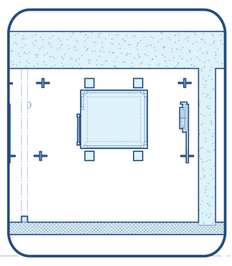
B Elevator Machine Room #02



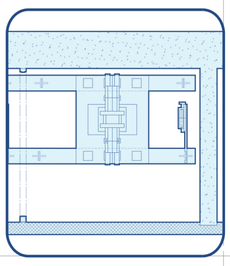
C Typ. Plan at Active Cab



D Typ. Plan at Express Zone



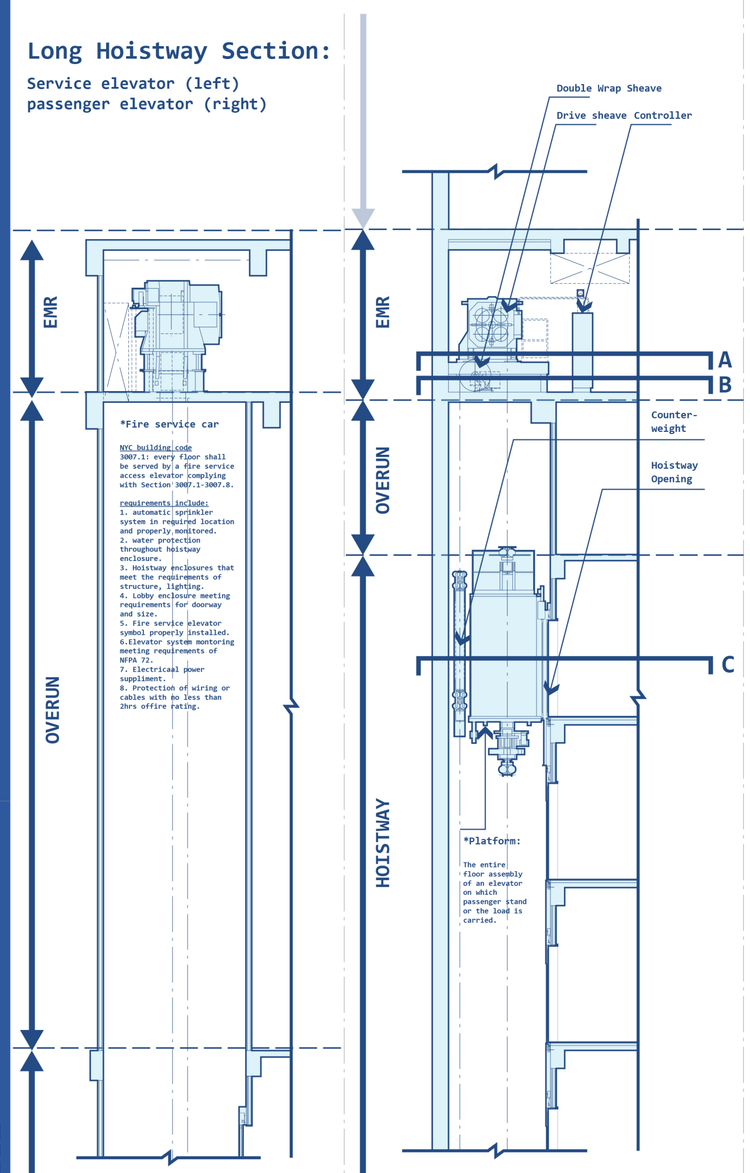
E Pit Plan - Maintain Platform & Buffer

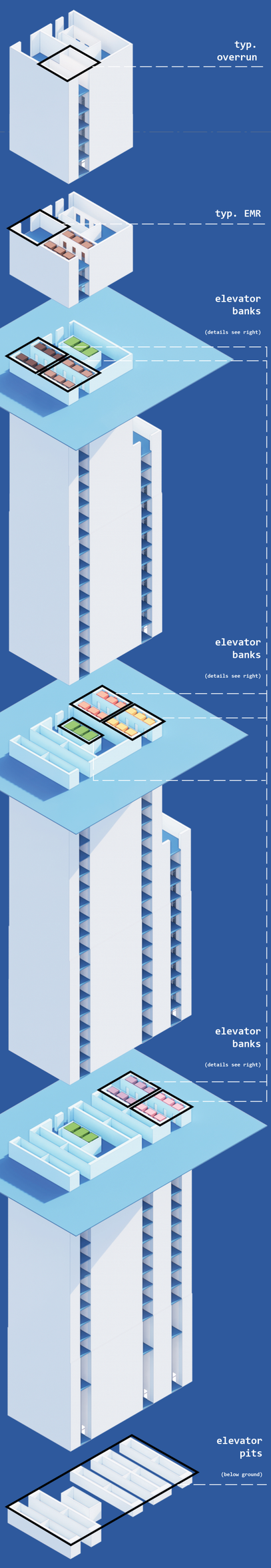


F Lower Pit Plan - Overall

Long Hoistway Section:

Service elevator (left)
passenger elevator (right)



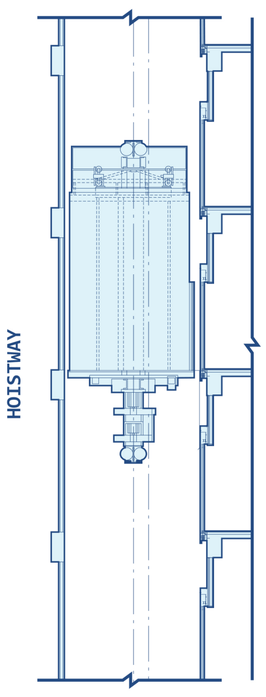


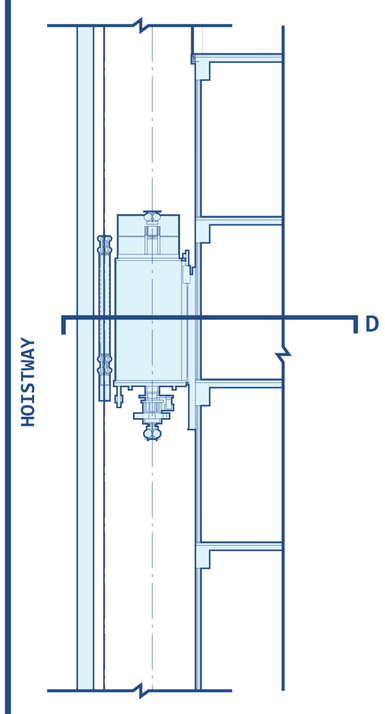
ele. hoistway section #1

(SE Bank Service Elevator)

typ. ele. hoistway section #1

(eg. B Bank Passenger Elevators)



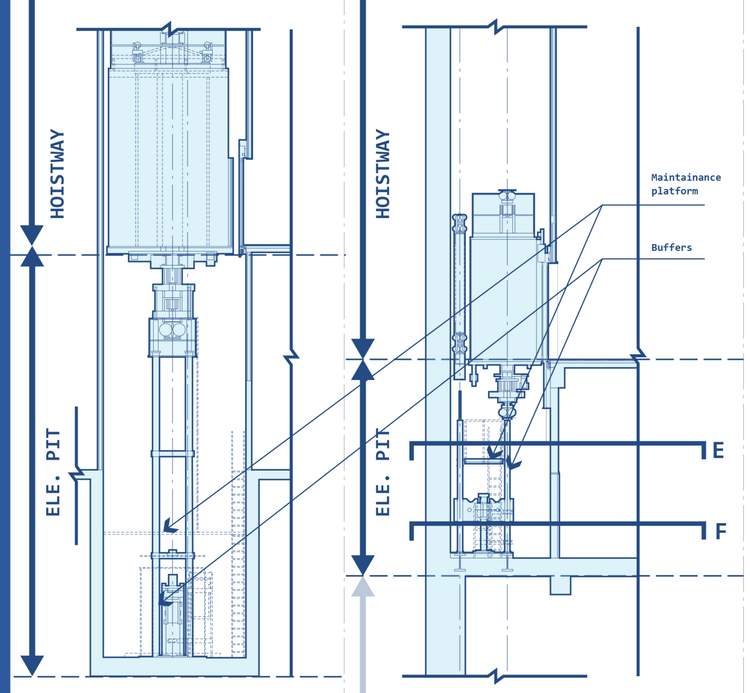


ele. hoistway section #2

(SE Bank Service Elevator)

typ. ele. hoistway section #2

(eg. B Bank Passenger Elevators)

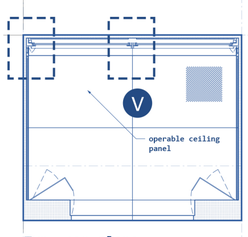


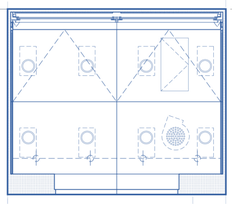
ele. hoistway section #3

(SE Bank Service Elevator)

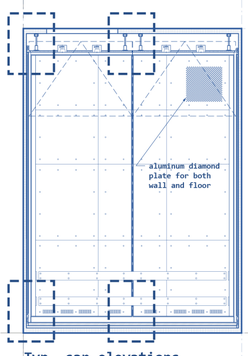
typ. ele. hoistway section #3

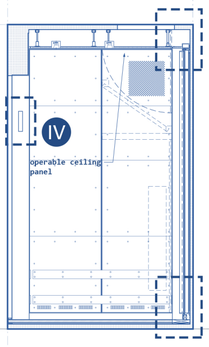
(eg. B Bank Passenger Elevators)



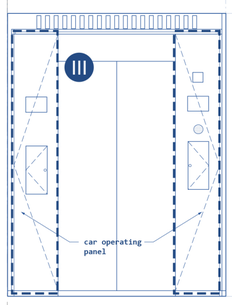


Typ. car plans

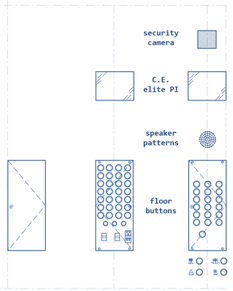




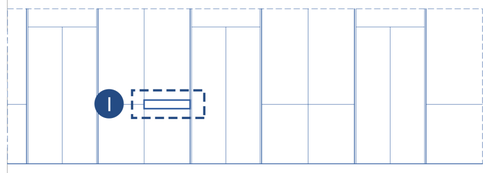
Typ. car elevations



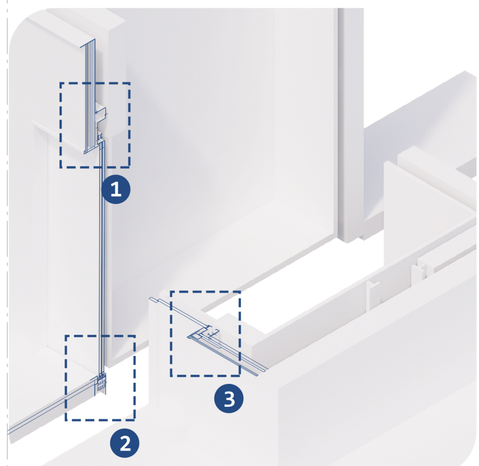
Typ. car entrance

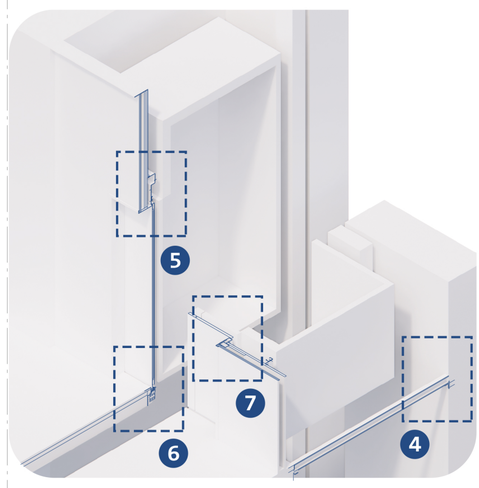


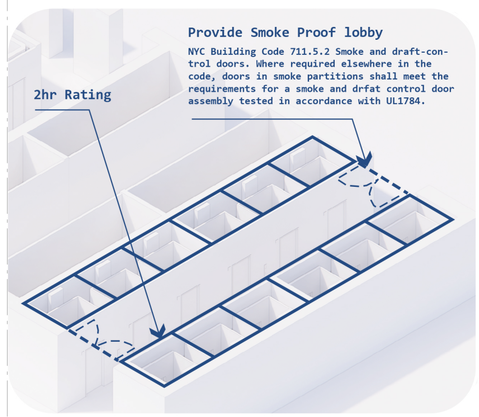
III Operating panel details

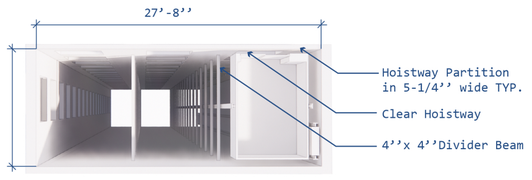


Typ. elevator call at lobby

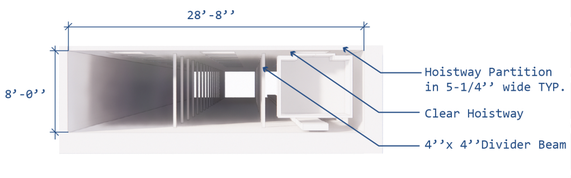








TYP. Service Elevator



TYP. Passenger Elevator

C Bank Passenger Elevators (C1-C6)

Capacity:	3,500 Pounds
Speed:	1,200 ft/min
Floors Served:	L,44-53
Stops/Openings:	13
Operation:	Group Destination Dispatch

D Bank Passenger Elevators (D1-D6)

Capacity:	3,500 Pounds
Speed:	1,000 ft/min
Floors Served:	L,53-61
Stops/Openings:	13
Operation:	Group Destination Dispatch

E Bank Passenger Elevators (E1-E6)
F Bank Passenger Elevators (F1-F6)

Capacity:	3,500 Pounds
Speed:	1,500 ft/min
Floors Served:	L,24-34 (E); L,34-44 (F)
Stops/Openings:	12
Operation:	Group Destination Dispatch

Service Elevators (SE1-SE3)

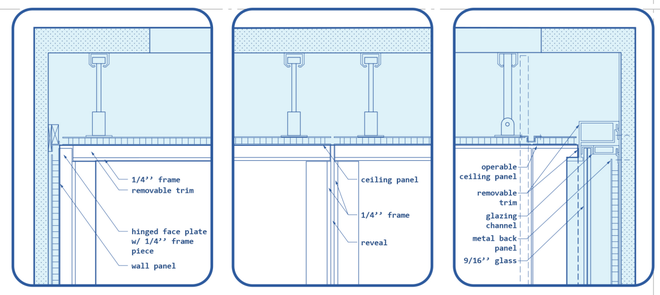
Capacity:	6,000 Pounds
Speed:	1,000 ft/min
Floors Served:	All
Stops/Openings:	72
Operation:	Group Automatic / Keypad

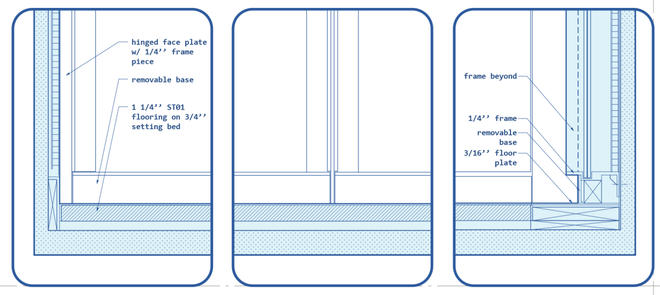
A Bank Passenger Elevators (A1-A6)

Capacity:	3,500 Pounds
Speed:	500 ft/min
Floors Served:	L,3-14
Stops/Openings:	13
Operation:	Group Destination Dispatch

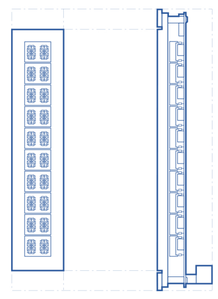
B Bank Passenger Elevators (B1-B6)

Capacity:	3,500 Pounds
Speed:	1000 ft/min
Floors Served:	L,14-24
Stops/Openings:	13
Operation:	Group Destination Dispatch

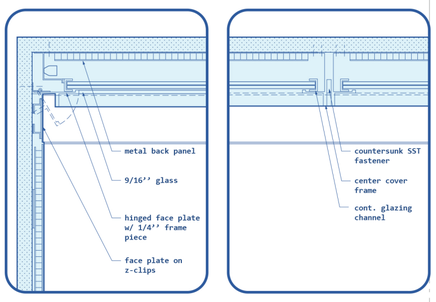




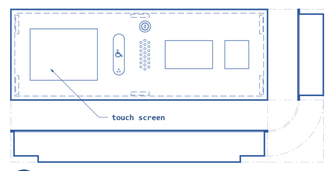
VI Section details collection



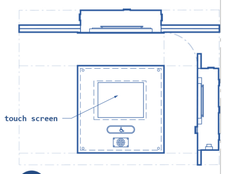
IV Jamb indicator



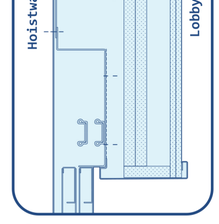
V Plan details collection



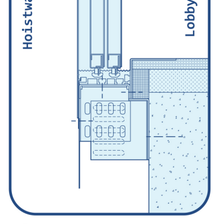
I Lobby elevator call station detail



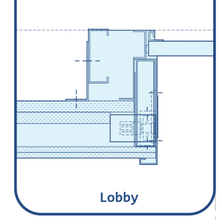
II Typ. elevator call station detail



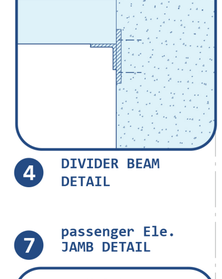
1 Service Ele. HEAD DETAIL



2 Service Ele. SILL DETAIL

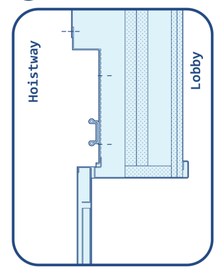


3 Service Ele. JAMB DETAIL

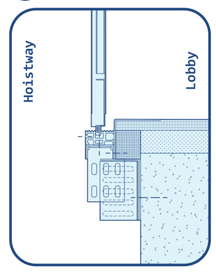


4 DIVIDER BEAM DETAIL

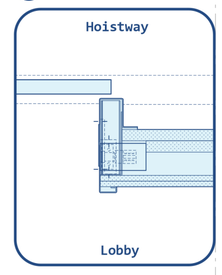
5 Passenger Ele. HEAD DETAIL

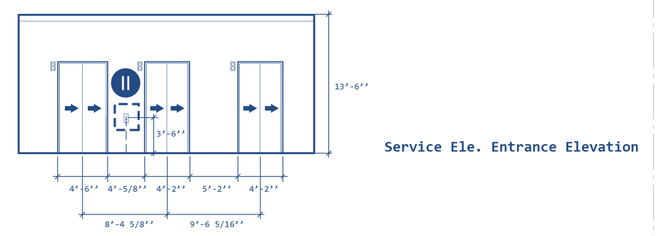


6 Passenger Ele. SILL DETAIL

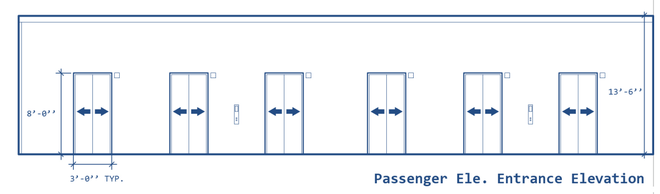
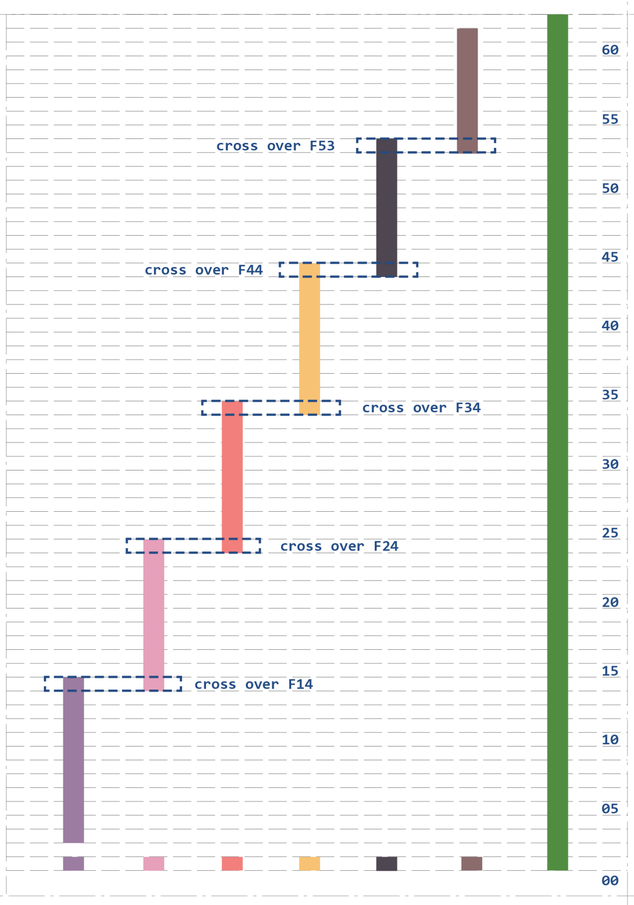


7 passenger Ele. JAMB DETAIL





Service Ele. Entrance Elevation



Passenger Ele. Entrance Elevation