

# CONSIDERATION OF OPTIONS FOR THE ESCALATORS AT METLOX PARKING STRUCTURE

DECEMBER 16, 2025



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EXISTING CONDITIONS

FINAL DESIGN OPTIONS TO REPLACE  
ESCALATORS

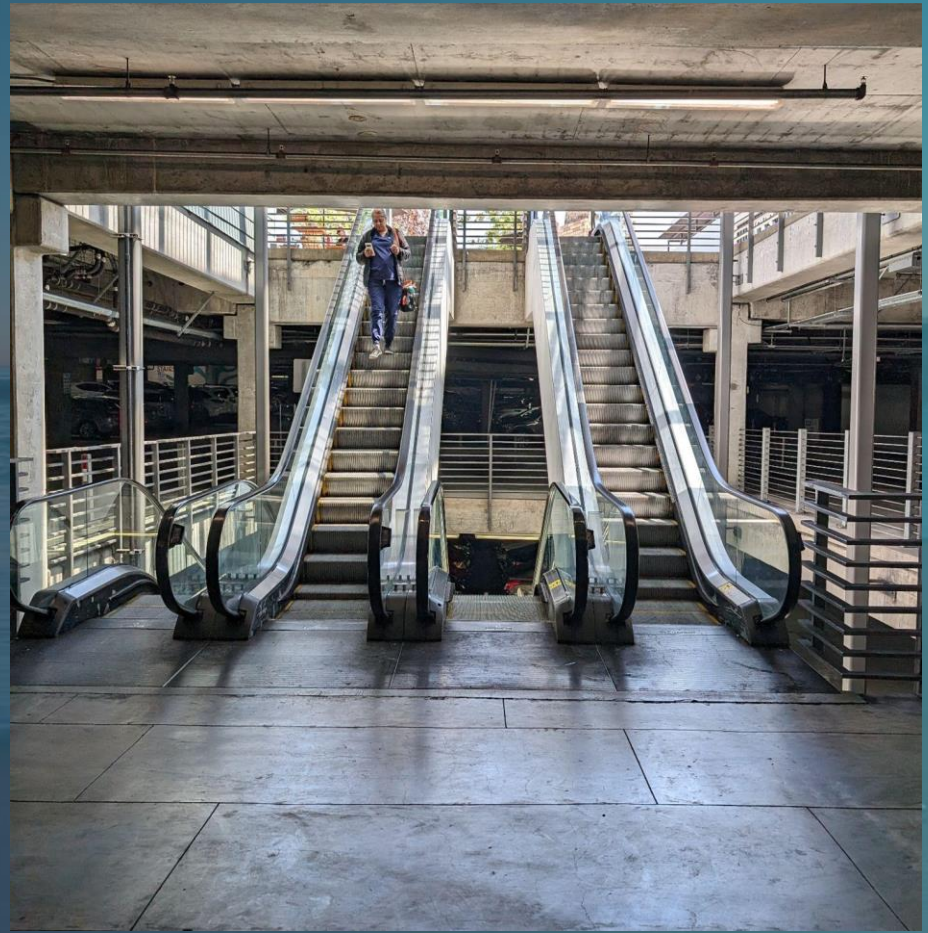
- OPTION I: REPLACE WITH MARINE  
HARDENED ESCALATORS
- OPTION II: REPLACE WITH TWO  
ELEVATORS (AND REFURBISH  
EXISTING EMERGENCY EGRESS  
STAIRWAY)

SUMMARY OF DESIGN OPTIONS

FUTURE SECOND ELEVATOR OPTIONS

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# AERIAL VIEW OF LOCATION

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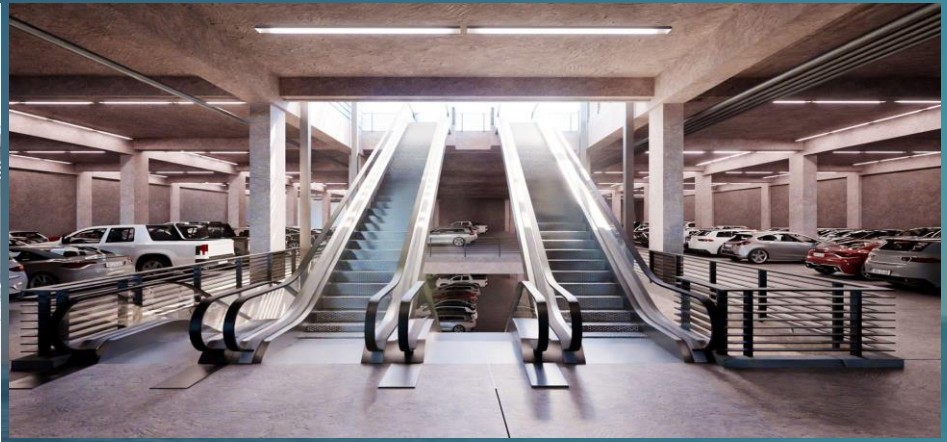
# EXISTING - PLAZA RENDERING

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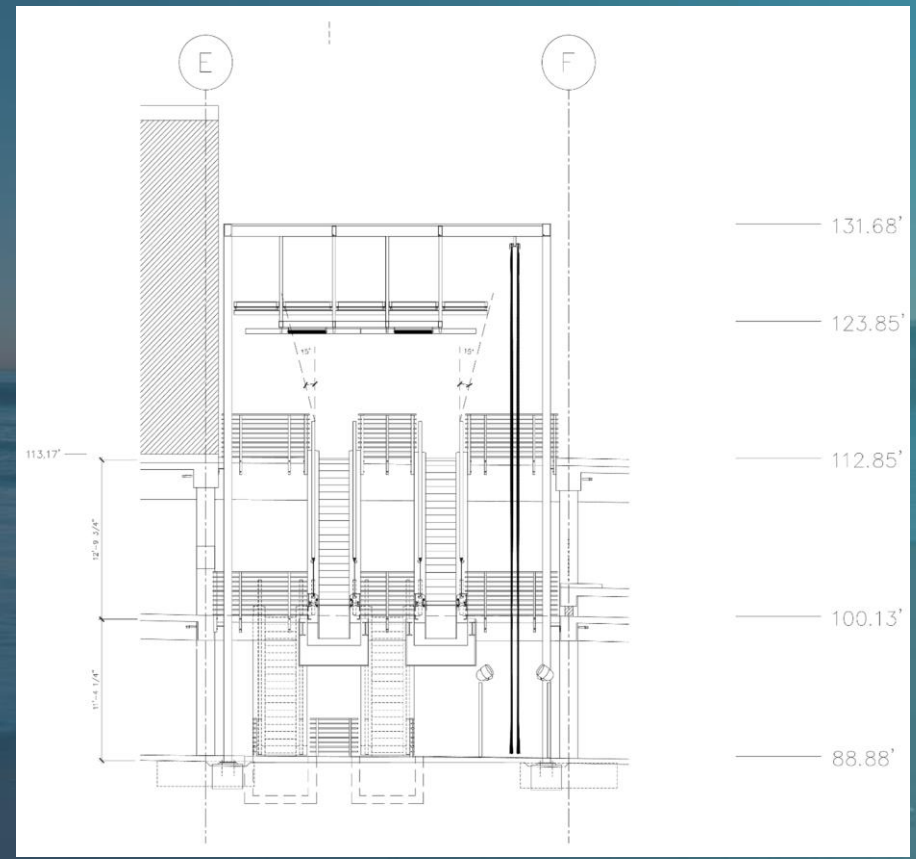
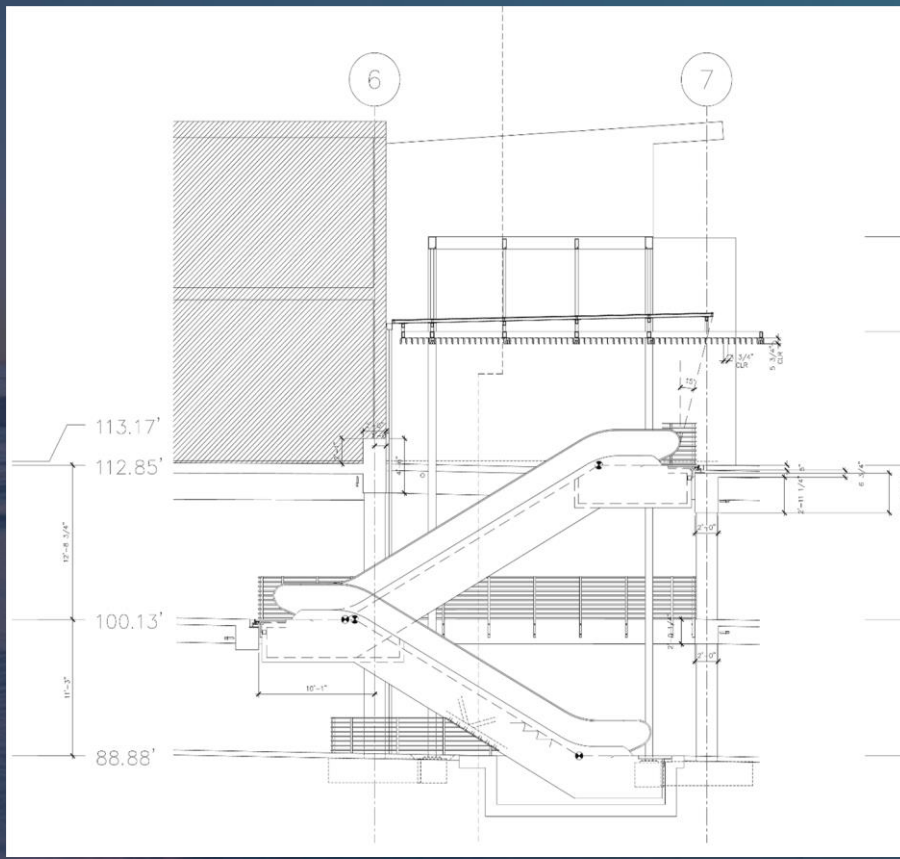




# EXISTING - ADDITIONAL VIEWS

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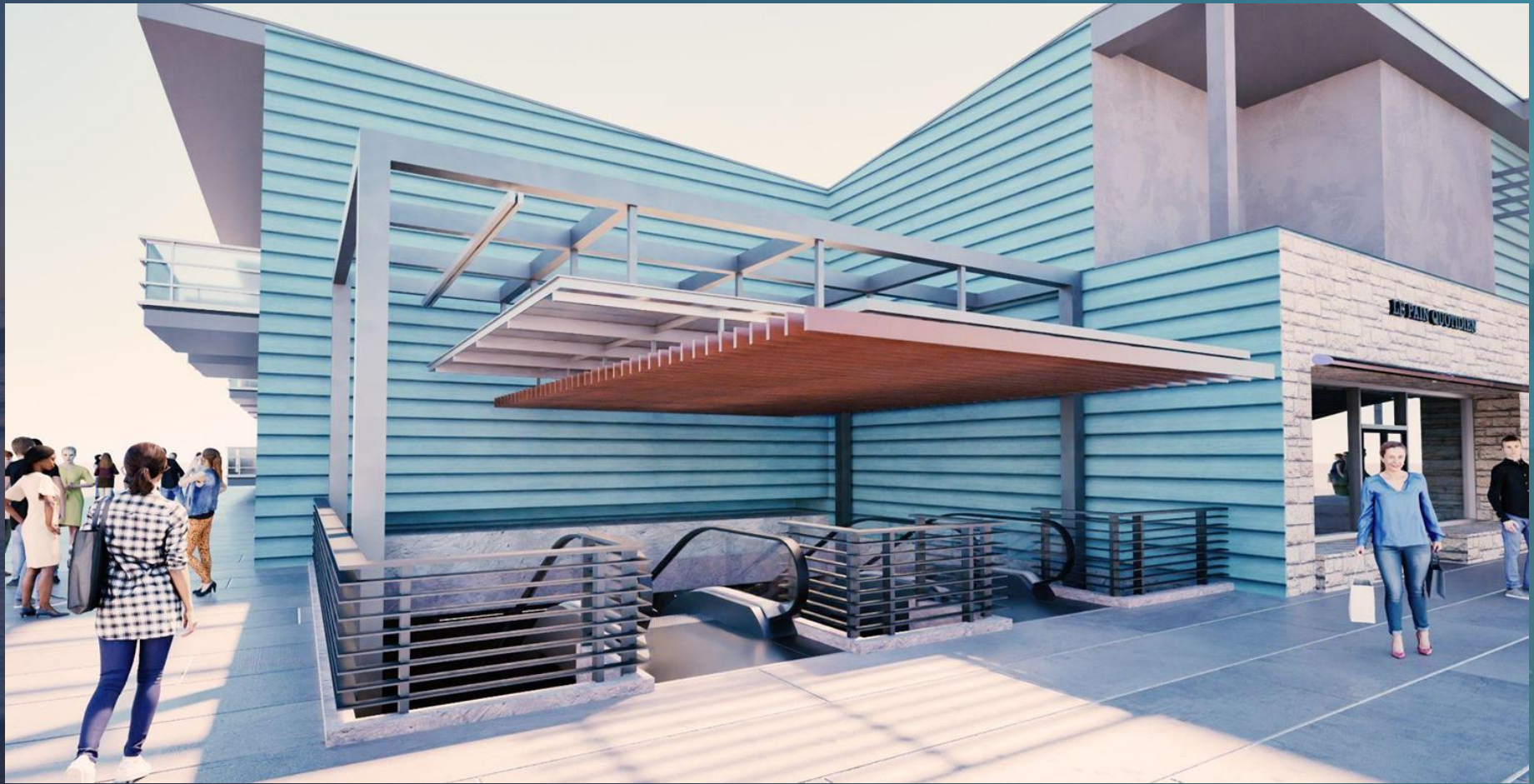
ALL RENDERINGS ASSUME A STANDARD 6:12 ESCALATOR RUN

# EXISTING - SECTIONS

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# OPTION I - REPLACE WITH MARINE HARDENED ESCALATORS

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THROUGHPUT:

6,000 PEOPLE PER HOUR FOR ESCALATORS

ESTIMATED COST:

\$850,000

SCHEDULE:

2-4 MONTH DESIGN/PERMIT

4-6 MONTHS FABRICATION

3-4 MONTHS INSTALL

9-14 MONTHS TOTAL

Option I Replace w/ Marine Hardened	
Component	Estimate
Demolition	\$50,000
(4) New Marine Grade Escalators	\$350,000
Modification of Existing Structure	\$15,000
Electrical and Controls	\$48,000
Plumbing and HVAC	\$14,000
Est. Direct Cost Subtotal	\$477,000
GC Mark Up	\$130,000
<b>Estimated Construction Total</b>	<b>\$610,000</b>
25% Contingency	\$150,000
Estimated Design and Engineering	\$61,000
<b>TOTAL</b>	<b>\$830,000</b>
ROUND TO \$850,000	

# OPTION I - POTENTIAL COSTING

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# OPTION II - INSTALL TWO NEW ELEVATORS & REFURBISH EGRESS STAIR

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# OPTION II - GARAGE VIEW

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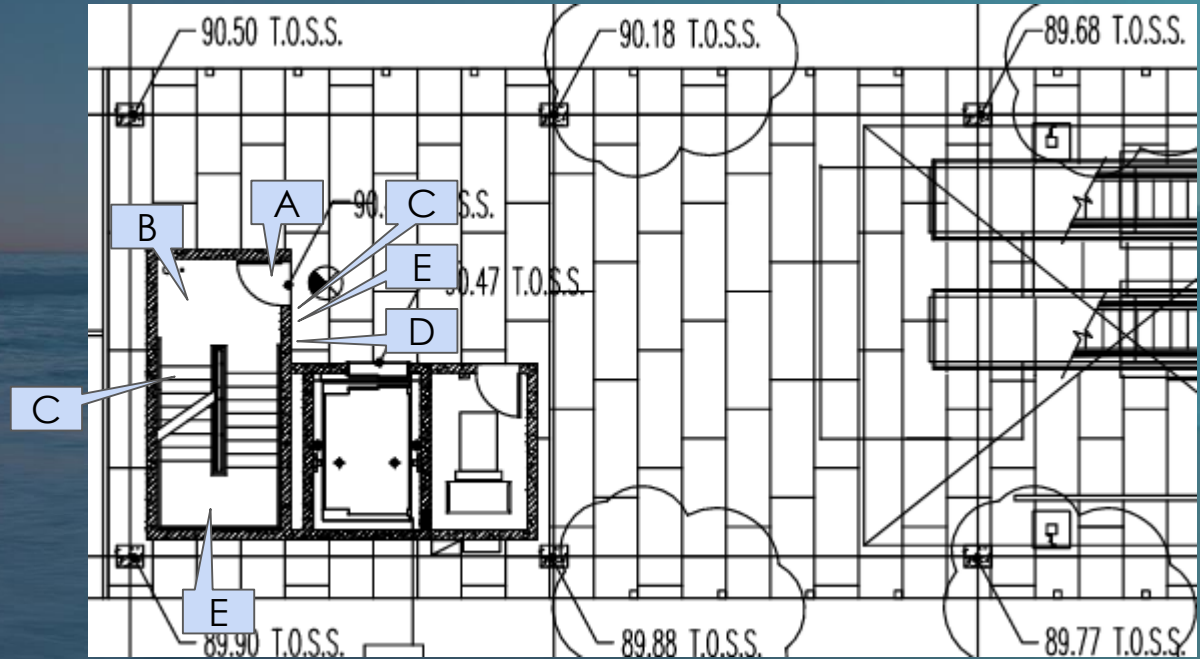
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## RECOMMENDED FINISH

### NOTES

- A. UPGRADED DOORS ON  
MAGNETIC HOLD OPENS  
TIED TO FIRE ALARM
- B. FLOORS TO REMAIN
- C. NEW PAINT/GRAPHICS
- D. WAYFINDING SIGNAGE
- E. NEW LIGHTING



# OPTION II - REFURBISHED ADJACENT EMERGENCY EGRESS STAIRWAY

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## THROUGHPUT:

350 PEOPLE/HOUR FOR ELEVATORS

800 PEOPLE/HOUR FOR STAIR

## ESTIMATED COST:

\$1.5M

## SCHEDULE:

4-6 MONTH DESIGN/PERMIT

4-6 MONTHS FABRICATION

2-4 MONTHS INSTALL

10-16 MONTHS TOTAL

### Option II 2X Elev + Refinish Stair

Component	Estimate
Demolition	\$70,000
New 2-Stop Elevator	\$484,000
Shaft Enclosure	\$90,000
Electrical and Controls	\$36,000
Plumbing and HVAC	\$14,000
Foundations and Structure	\$30,000
Refinishing of current exit stair	\$63,000
Est. Direct Cost Subtotal	\$787,000
GC Mark Up	\$236,000
<b>Estimated Construction Total</b>	<b>\$1,023,000</b>
25% Contingency	\$260,000
Estimated Design and Engineering	\$225,000
<b>ESTIMATED GRAND TOTAL</b>	<b>\$1,508,000</b>

# OPTION I - POTENTIAL COSTING

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## OPTION I: REPLACEMENT W/ MARINE HARDENED ESCALATORS

THROUGHPUT  
6000 PEOPLE PER HOUR

COST:  
\$0.85M

SCHEDULE:  
9-14 MONTHS TOTAL

# SUMMARY

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## OPTION II: ELEVATOR/ELEVATOR + REFURBISHED ADJACENT STAIRWAY

THROUGHPUT:  
350 PEOPLE PER HOUR\*

COST:  
\$1.5M

SCHEDULE:  
10-16 MONTHS TOTAL

\*ELEVATORS ONLY







# FUTURE SECOND ELEVATOR OPTIONS

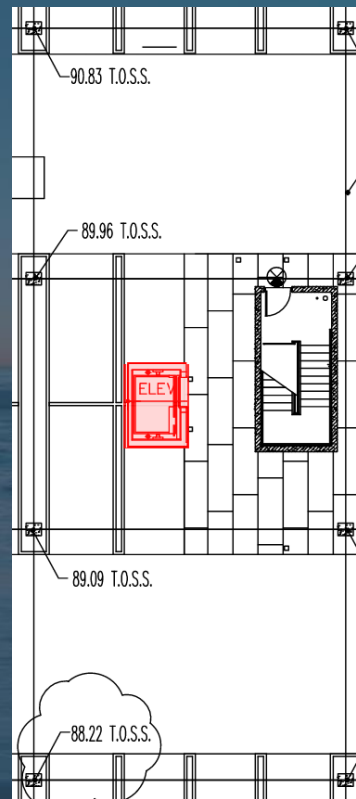
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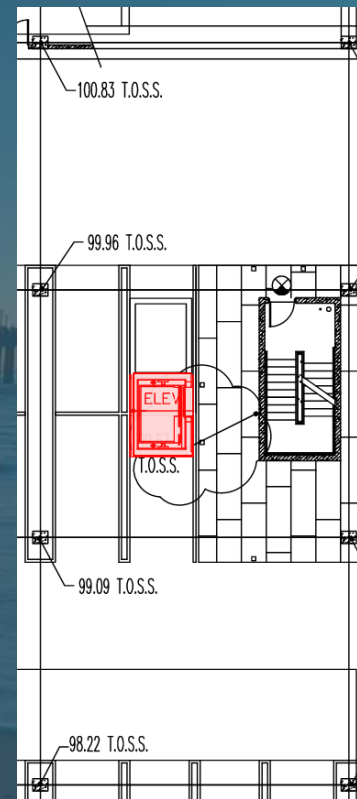
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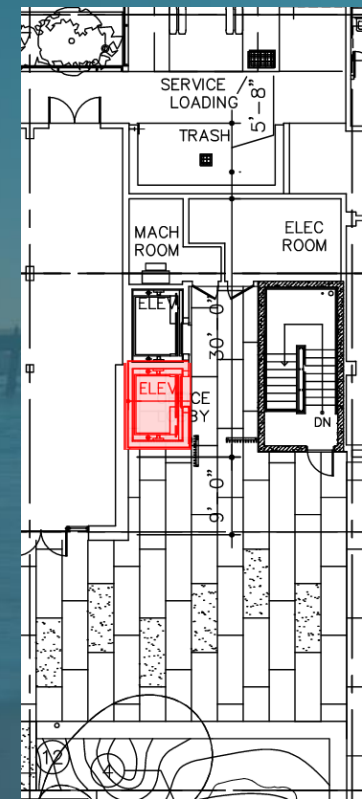
- A. ELEVATOR CONNECTS THREE STORIES AND WOULD REQUIRE A 1-HOUR RATED ENCLOSURE AND LOBBIES/DEPLOYABLE SHUTTERS
- B. LOCATION OPENS ON FLAT SLAB AT ALL AREAS BUT WOULD REDUCE OVERALL PARKING BY 2 STALLS
- C. AN ALTERNATE IS POSSIBLE ON THE SOUTH SIDE OF THE STAIR FOR NO PARKING LOSS BUT WOULD ENCROACH ON THE PLAZA
- D. THIS WOULD LOOK MOST INTENTIONAL



P2 LEVEL



P1 LEVEL



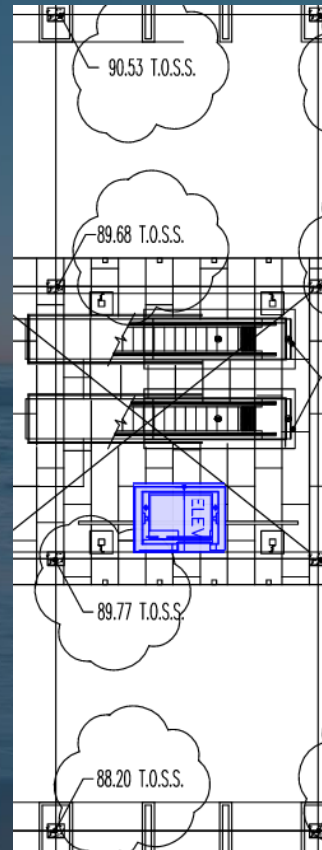
GROUND LEVEL

# FUTURE SECOND ELEVATOR OPTION A

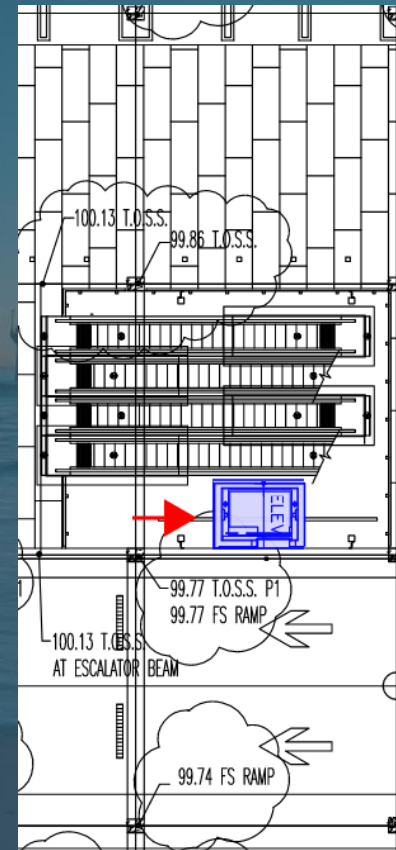
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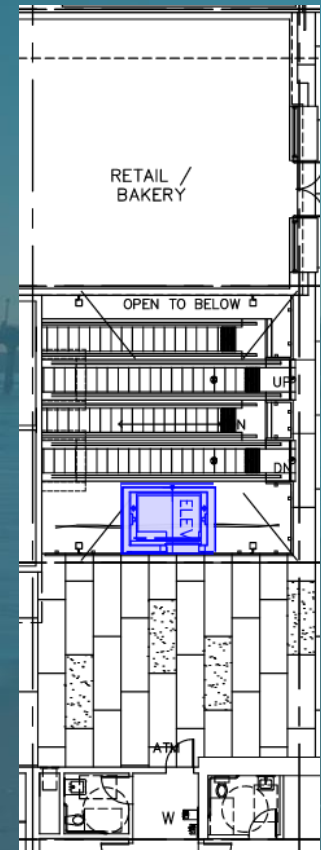
- A. ELEVATOR CONNECTS THREE STORIES BUT DUE TO LOCATION MAY FORGO LOBBIES/HOISTWAY PROTECTION
- B. LOCATION REQUIRES CUSTOM CAB WITH SIDE/FRONT OPENING TO AVOID QUEUING IN TRAFFIC
- C. WOULD REQUIRE MINIMAL DEMO AND CAN BE BRACED FROM EXISTING STRUCTURE.
- D. WOULD LIKELY BE MOST COST EFFECTIVE



P2 LEVEL



P1 LEVEL



GROUND LEVEL

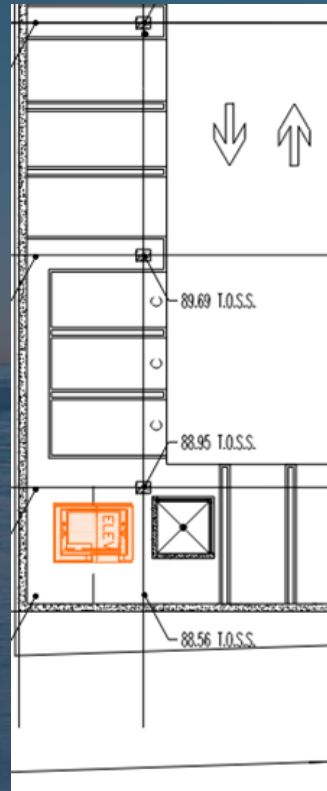
# FUTURE SECOND ELEVATOR OPTION B

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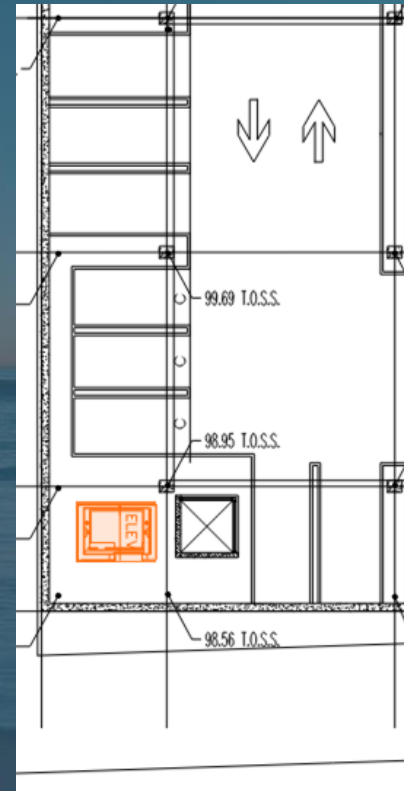




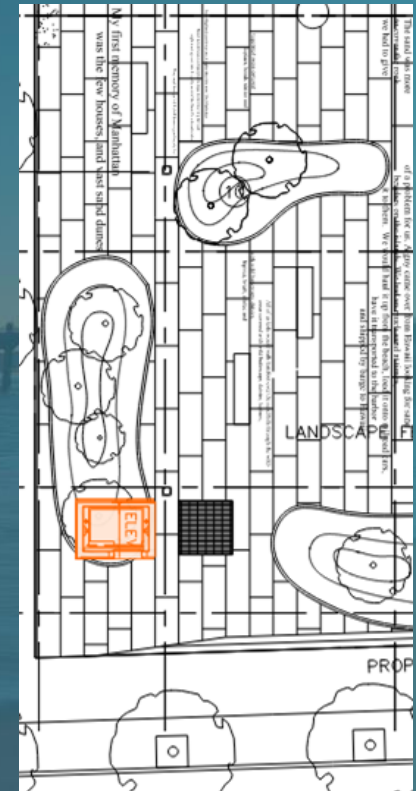
- A. ELEVATOR CONNECTS THREE STORIES AND WOULD REQUIRE A 1-HOUR RATED ENCLOSURE AND LOBBIES/DEPLOYABLE SHUTTERS
- B. LOCATION OPENS ON FLAT SLAB AT ALL AREAS BUT WOULD NOT REDUCE PARKING
- C. THIS WOULD LIKELY BE LEAST DISRUPTIVE LOCATION



P2 LEVEL



P1 LEVEL



GROUND LEVEL

# FUTURE SECOND ELEVATOR OPTION C

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# QUESTIONS

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