

nomad locomotive

carrying a **green** theme throughout the entire train
 inspired by the **eco-friendly** locomotive . creating an **efficient**
 traveling experience through service, boarding, and logistics . keeping
open spaces within high-density areas of seating in order to encourage motion
 throughout all cars . inspiring **motion** within the train itself
 with the help of its spatial layout and interactive spaces

no.mad:

n. from the Greek nomas - graze; flock to pasture
 [1. a member of a people or tribe that has no permanent
 abode or moves about from place to place on a fixed
 circuit or route according to or in search of pasturage or
 food supply
 2. a roaming person; wanderer]

entry.

- ADA compliance
- platform accomodations
- identifiable entryways
- flexible connections
- restrooms
- kiosks
- bike accessibility

locomotive.

- heads-up display
- “smart” LCD windows
- forward-facing seating
- cab car resemblance
- identify key functions
- component consolidation
- easy maintenance

passenger.

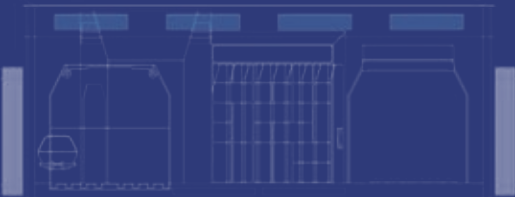
- high density
- flexible seating arrangements
- open spaces
- encouraging walking & moving
- double level capacity
- handicap access
- tables and surfaces

lounge.

- leveled / tiered lounge areas
- light food / beverage service
- visual balance of locomotive
- “food storage cartridges”
- outdoor patio
- nightclub/social atmosphere

design.





ADA compatible with easy handicap entry and exit

reduce bulk in passenger car by providing restrooms - more space allows for handicap accessibility

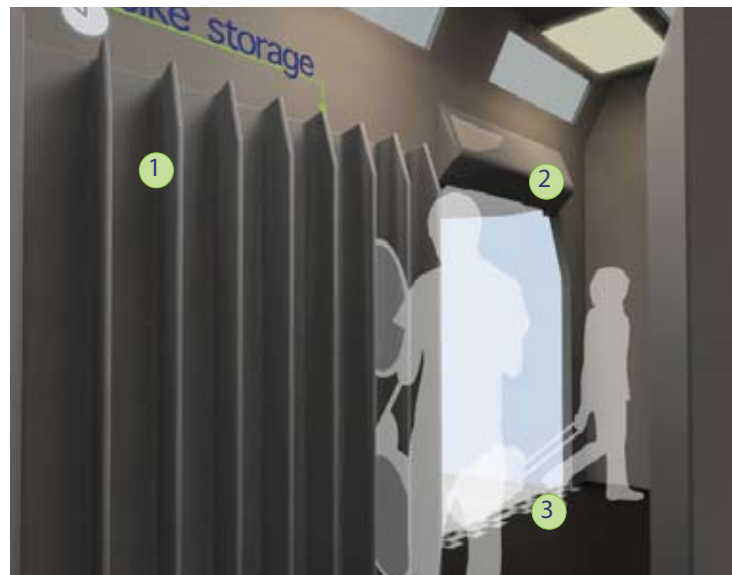
provides a strong visual identity to simplify and organize the loading process

provide extra room for large luggage and bike storage

accommodates small change in platform heights

allow larger amounts of passengers on and off at once while eliminating bottlenecking

entry car



- 1 bike storage - utilizes unreachable vertical space, in turn, freeing space within the walkway for loading traffic
- 2 8' doorway - extra-wide entryway allows for greater flow in and out of cars for less congestion at stations
- 3 handicap accessible ramp entrance allows for self-propelled wheelchair access and easy luggage transport



- 1 scrolling marquee above storage provides passengers with a quick view of station and destination information, news, and alerts
- 2 modular storage provides storage opportunities for passengers traveling with excess baggage by simply swiping their ticket for secure access
- 3 ADA accessible restrooms accommodate handicapped passengers as well as provide surplus restroom availability



forward-drive view



reverse-drive LCD view

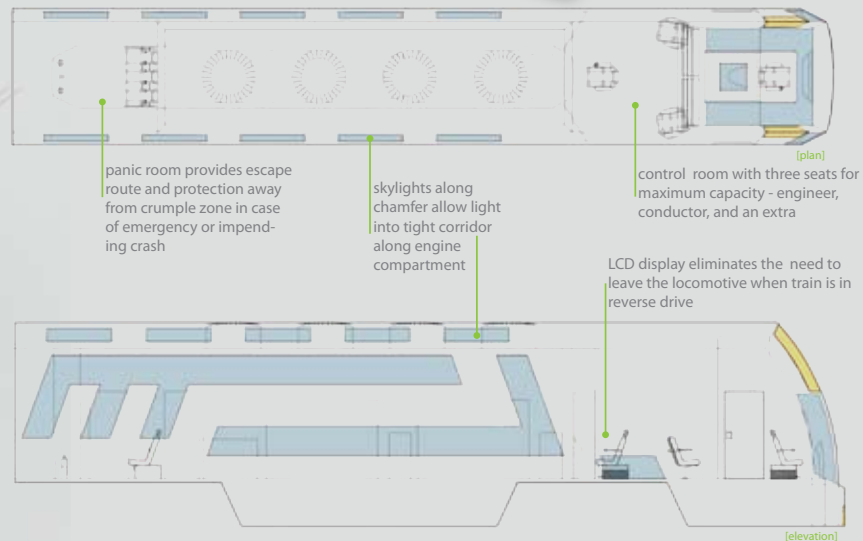
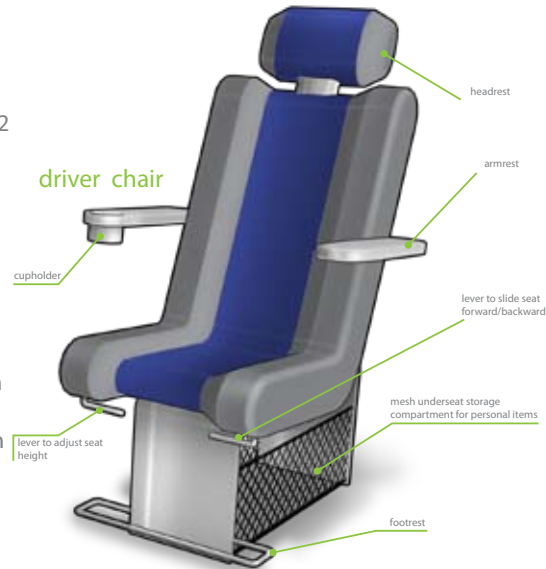


panic room



located within the 'panic room' is a first aid kit and 2 fire extinguishers custom designed to fit in the space and environment -- this room, and these seats specifically, were designed to protect the engineer and anyone accompanying him from the crumple zone, which exists in the front end of the locomotive, during an impending crash

driver chair



control consolidation within driving cab and ergonomic adjustments to seating and field of vision

elimination of the push/pull control cab to free more space for other interior options

identify key routines and functions which can be adjusted through spatial changes

create visual design which can be reflected onto 'driving cab car'

enlarge working area of engineer for greater comfort

high-density seating while providing more comfort

varied seating modules provide more options

wandering walkways encourage motion and exploration of different cars

double level height allows for creative use of space

handicap access into part, if not all, of car

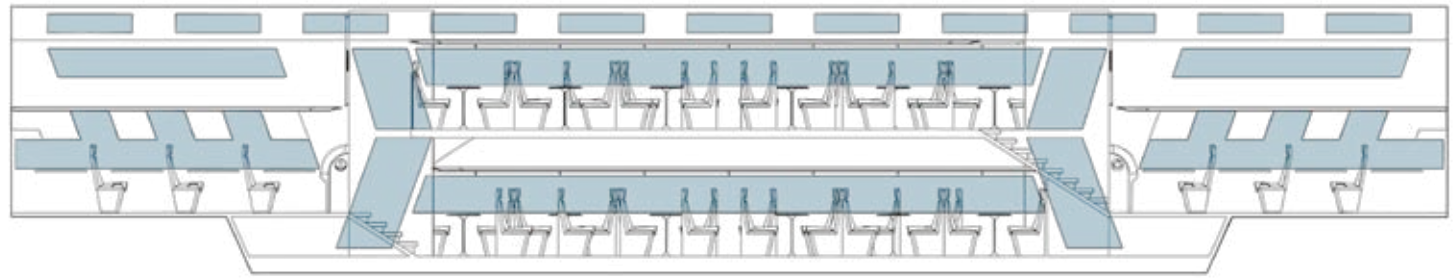
encouraged social interaction through shared tables and surfaces

kiosk ordering and information services provide digital view into what is provided in cafe car

passenger
car



[plan]



[elevation]

business-class section

first & second levels





cafe



diner



lounge



loft

multi-level, tiered for modular spaces

light food and beverage service which can be accessed through digital menus throughout passenger car

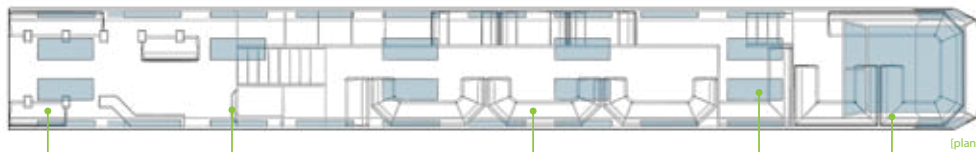
feeling of being outdoors through open spaces and use of glass

comfortable, social atmosphere created through nightclub/coffehouse feel

handicap access

exterior visual balance of locomotive

lounge



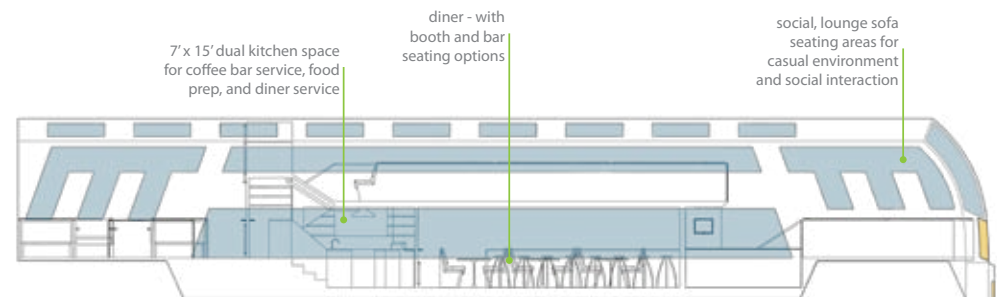
[plan]

coffehouse style sofa seating with individual table surfaces and space for wheelchair docking

coffee and juice bar

loft seating area with booth-style sofa seating and mounted television

social, lounge sofa seating areas for casual environment and social interaction

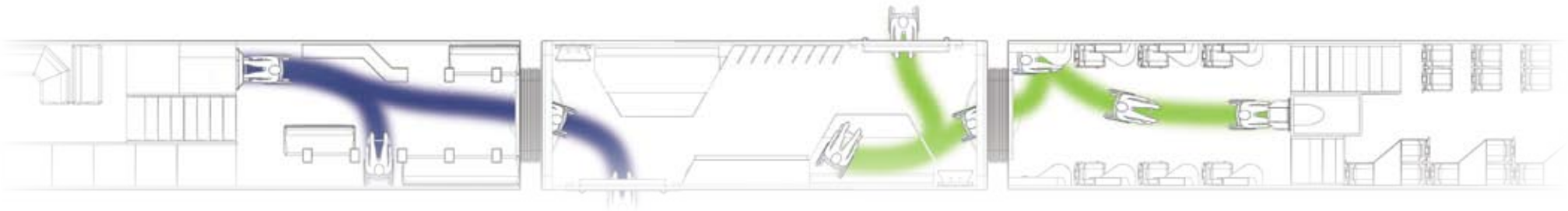


[elevation]

7' x 15' dual kitchen space for coffee bar service, food prep, and diner service

diner - with booth and bar seating options

social, lounge sofa seating areas for casual environment and social interaction



measure up?

existing **vs** nomad

- | | |
|------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <input type="checkbox"/> 3' or larger doorways | <input checked="" type="checkbox"/> 3' or larger doorways |
| <input type="checkbox"/> 3' wide walkways/aisles | <input checked="" type="checkbox"/> 3' wide walkways/aisles |
| <input type="checkbox"/> handicap seating in passenger car | <input checked="" type="checkbox"/> handicap seating in passenger car |
| <input type="checkbox"/> ADA acceptable restrooms | <input checked="" type="checkbox"/> ADA acceptable restrooms |
| <input type="checkbox"/> easy entry from platform - ramp access | <input checked="" type="checkbox"/> easy entry from platform - ramp access |
| <input type="checkbox"/> handicap accessibility in multiple cars | <input checked="" type="checkbox"/> handicap accessibility in multiple cars |

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