



Beacon design relates to EHS card and features a center acknowledge button

Sign design would be reorganized to allow space for beacon



Border of beacon flashes white when a badge holder walks by in order to bring attention to the sign



Border of beacon flashes orange when a badge holder with an infraction walks by, prompting him to press the acknowledge button



If signs are acknowledged via the safety card, then the beacon would not feature a center button, but would instead show the company logo

ES

EHSS

INDUSTRIAL DESIGN DEVELOPMENT
Sign Alert System-Beacon
Concept Ideation
06.26m.17



Plastic mounts can be permanently adhered or screwed to different materials; Beacon can be quickly attached/detached from these mounts



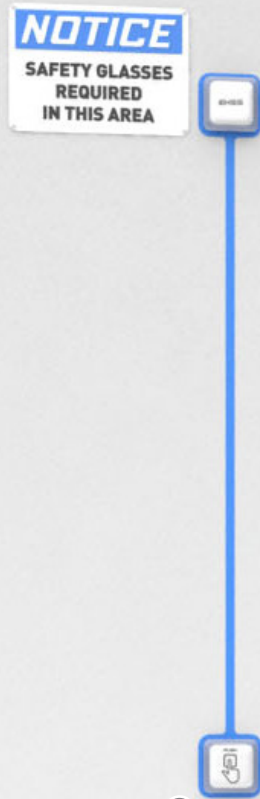
Numbered stickers keep beacons assigned to specific mounts

Beacon can fit larger batteries for longer life (battery spec is TBD, shown here with 5 AAA's)

ROBRADY
design



Beacon can be mounted next to the sign if there is no room for it within the design of the sign itself

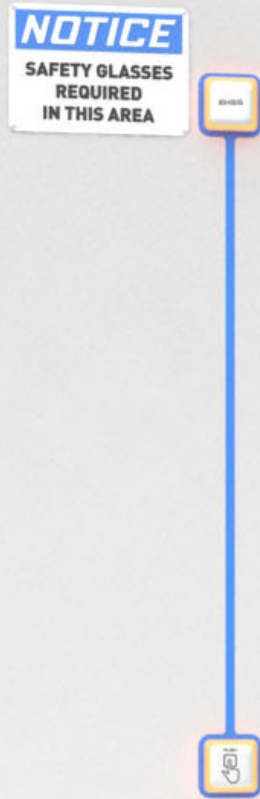


If the sign is mounted out of reach, a separate button can be placed lower, with a visual indication connecting it to the sign above (wall graphic, number, color, flashing pattern, etc)



When a card holder approaches the sign, only the upper beacon would flash, to draw attention to the sign





When a card holder with an infraction approaches the sign, both the upper and lower beacons would flash orange



If there is no lower button, the card holder can acknowledge the sign by tapping, pressing a button, or using a fingerprint scanner on his safety card



EHSS

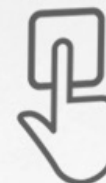
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NOTICE

SAFETY GLASSES REQUIRED IN THIS AREA

GLASSES

PUSH



An upgraded beacon design could feature scrolling text, allowing the system to identify by name those with infractions and give instructions



Different mount designs allow the beacon to attach to various objects and surfaces including wet floor signs, to help prevent slip and fall accidents