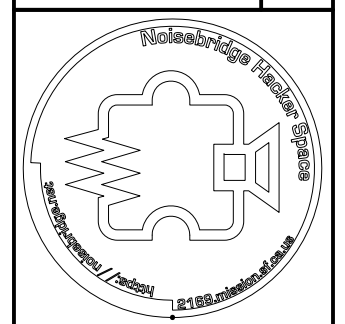


REVISIONS	



FLASCHENTASCHEN
 NOISEBRIDGE - SAN FRANCISCO CA.

AS BUILT 90%
Date 2016-05-18
Scale As Noted
Drawn HICKS
Sheet 1.0

OUTLINE SPEC/SHOPPING LIST:

- 63 CRATES**
 BLACK "DEAN FOODS" CRATES FROM MI-RANCHITA MARKET.
- LEDs:**
 1575 5V LED STRAND LIGHTS CUT INTO 50 LIGHT SEGMENTS.
 BASIS OF DESIGN: WS2801
 TAPE FOR INSTALLING LEDs IN BOTTLE NECKS
- POWER SUPPLIES**
 3 5V 40A DC
- BOTTLES**
 1260 12oz CLEAR GLASS BOTTLES.
 BASIS OF DESIGN 12oz CORONA BEER BOTTLES
 315 7oz CLEAR GLASS BOTTLES
 BASIS OF DESIGN CORONITA BEER BOTTLES
 ALUMINUM FOIL SHEETS FOR WRAPPING BOTTLES
 TAPE
- BACK PANEL**
 THIN PLYWOOD OR HARDBOARD SHEET.
 STEEL WIRE FOR SECURING INTO CRATE
- WIRE / CONNECTORS**
 JST CONNECTORS FOR DATA LINES: 1 PAIR PER CRATE,
 ADDITIONAL PAIRS FOR CONNECTION OF CRATE ROWS TO
 DRIVER HARDWARE.
 POWER POLE CONNECTORS FOR CRATES AND LINES TO POWER
 SUPPLIES, ALTERNATE: BARREL CONNECTORS
 WIRE TBD
- DRIVER HARDWARE / SOFTWARE**
<https://github.com/hzeller/flaschen-taschen>
- CABLE MANAGEMENT**
 SUPPLIES
 CORD CLIPS, WIRE TIES,
- POWER DATA PANEL**
 GROUNDED STEEL SHEET DRILLED TO HOLD POWER SUPPLIES,
 DRIVER HARDWARE, AND MISC. EQUIPMENT. MOUNT TO FLASCHEN
 TASCHEN SUPERSTRUCTURE.
- MISC. CONNECTIONS**
 SOLDER
 HEAT SHRINK TUBING
- FLASCHEN TASCHEN SUPERSTRUCTURE**
 LUMBER/PLYWOOD FRAME WITH CONNECTIONS FOR SECURING
 CRATES IN 7X9 ASPECT RATIO. MOUNTING LOCATION FOR
 POWER/HARDWARE BOARD. QUICK SETUP AND TAKEDOWN.

PROJECT NOTES:

- THIS DISPLAY IS BASED ON THE "MATELIGHT" BY JASEG
- ADDRESSABLE LED LIGHTS ON WIRE STRANDS ARE TO BE
 INSERTED INTO CLEAR FOIL WRAPPED BOTTLES. THESE
 BOTTLES ARE TO BE STACKED 5X5 IN CRATES. CRATES ARE TO
 BE STACKED NEXT TO AND ON TOP OF EACH OTHER, AND
 CLIPPED/TIED TOGETHER FOR SUPPORT.
- DATA AND POWER CONNECTERS WILL BE ADDED TO EACH
 CRATE'S LED STRAND SO THAT EACH xCRATE MAY OPERATE AS
 AN INDEPENDENT MODULE. THIS IS FOR FOR QUICK SETUP /
 TAKE DOWN AND RECONFIGURATION OF THE OVERALL DISPLAY
 INTO DIFFERENT ASPECT RATIOS
- CORD CLIPS WILL BE MOUNTED ON THE CRATES FOR CABLE
 MANAGEMENT
- POWER AND DATA CABLES WILL RUN TO A NEAR BY PANEL
 HOLDING THE POWER SUPPLIES AND PIXEL DRIVER/CONTROLLER
 HARDWARE.
- SUPER STRUCTURE FOR FLOOR STANDING FLASCHEN TASCHEN
 63 CRATE ASSEMBLY TBD. MUST BE STURDY, LIGHT, AND
 COLLAPSIBLE. DRAWINGS AND DETAILS TO FOLLOW.
- MAKER FAIRE 2016 LOGISTICS FOR CRATES TBD

FLASCHEN TASCHEN
 63 CRATES
 1575 BOTTLES/LEDs

