

904



157K



560K



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DESIGN:
Stockhausen Design

ENGINEERING:
Rhbu

San Jose City Hall Semi-permanent Installation



COVER SHEET

OVERVIEW

101

R-1

1 OF 11

26 JUNE 2019

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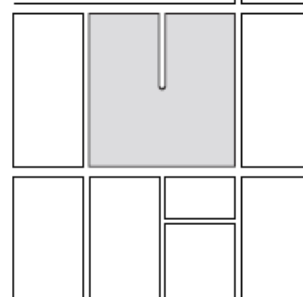
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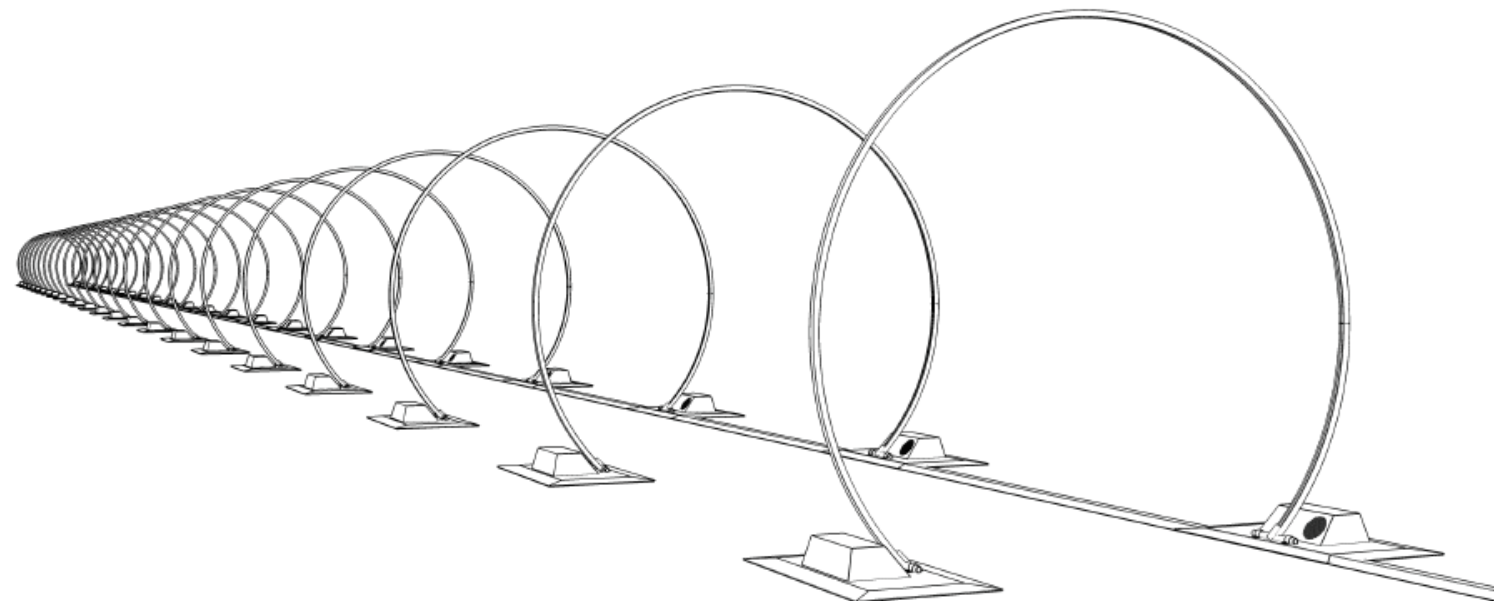
SAN JOSE CITY HALL



SAN JOSE STATE



SONIC RUNWAY



PROJECT DESCRIPTION

THE SONIC RUNWAY IS A LIGHT AND SOUND ART INSTALLATION TO BE INSTALLED ALONG THE SIDEWALK OF E. SANTA CLARA ST. NEXT TO THE SAN JOSE CITY HALL PLAZA.

EACH GATE OF THE SONIC RUNWAY IS LINED WITH ADDRESSABLE LEDS AND A PAIR OF SPEAKERS, ENABLING A VARIETY OF VISUAL AND AUDIO PATTERNS.

THE SONIC RUNWAY IS CONTROLLED VIA A 'BASE STATION' HOUSED IN A PLANTER, CONTAINING A COMPUTER WHICH CONTROLS THE INSTALLATION. THE GATES ARE CONNECTED WITH CAT-6 CABLES CONTAINING SIGNAL DATA FOR BOTH THE LIGHTS AND AUDIO.

THE FIRST AND LAST GATES HAVE MICROPHONES AS WELL AS POWER AND AUDIO CONNECTIONS ALLOWING PERFORMERS TO CONNECT TO THE SYSTEM.

DURING NORMAL OPERATION, THE SONIC RUNWAY WILL BE AUTOMATICALLY ACTIVATED AND SHUT DOWN VIA A TIMER IN THE BASE STATION AT TIMES DETERMINED BY SAN JOSE.

EXPECTATIONS FROM SAN JOSE

ELECTRICAL: PROVIDE ONE 120V 30 AMP AND ONE 120V 20 AMP CIRCUIT TO A JUNCTION BOX IN THE EXISTING JUNCTION BOX IN THE CONCRETE SIGN.

SIGNAL: PROVIDE ONE CAT-6 CABLE WITH OUT-BOUND INTERNET ACCESS RUNNING THROUGH THE JUNCTION BOX IN THE EXISTING ENCLOSURE IN THE CONCRETE SIGN.

DEPLOY A NEW PLANTER MATCHING THE EXISTING ONES DESIGNATED TO BE MODIFIED TO HOUSE THE BASE STATION AS DESCRIBED IN THESE DRAWINGS.

GENERAL NOTES

ALL GATES ARE FREE STANDING.

THERE ARE NO GROUND PENETRATIONS, ADHESIVE, OR OTHER DAMAGE TO THE CONCRETE SURFACE OF THE PLAZA (OTHER THAN THE EXPECTED SUN EXPOSURE DIFFERENCE).

THE GATES ARE HELD IN PLACE BY VIRTUE OF HEAVY STEEL PLATES RESTING ON THIN NON-SLIP MATERIAL.

NOTES ON ACCESSIBILITY COMPLIANCE

BASE PLATES AND CONDUITS ARE ALL SURROUNDED BY 1:8 SLOPED 'RAMPS' THAT MEET ACCESSIBILITY REQUIREMENTS TO AVOID TRIPPING HAZARDS.

NOTES ON ELECTRICAL COMPLIANCE

ALL ELECTRICAL CABLING IS ENCLOSED IN SEALED CONDUITS.

LINE VOLTAGE AC LINES RUN IN SEPARATE CONDUIT FROM LOW VOLTAGE SIGNAL LINES.

AC LINES ENTER THE GATE STATION THROUGH SEALED CONDUIT INTO A JUNCTION BOX, ISOLATING THEM FROM THE LOW VOLTAGE ELECTRONICS.

AC LINES ARE PROTECTED BY CIRCUIT BREAKERS IN THE BASE STATION.

LEDS ARE PROTECTED BY A BLADE FUSE IN EACH ELECTRONICS ENCLOSURE.







San Jose's 'Sonic Runway' Street Art Installation Ends 4-Month Run

LIVE

BAY AREA NIGHTBEAT

Maria Medina
@mariaCBS5

KBCW
44 CABLE 12

0:13 / 2:09

https://www.youtube.com/watch?v=iWLWvgRV010&fbclid=IwAR1fFcjl6dH91z-KCBX2a8k82ETsUc9yILuVnh2ma3aVrlG97_2TTxyF3JI