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DESIGN:
Stockhausen Design

ENGINEERING:
Rhubu

San Jose City Hall
Semi-permanent Installation



COVER SHEET

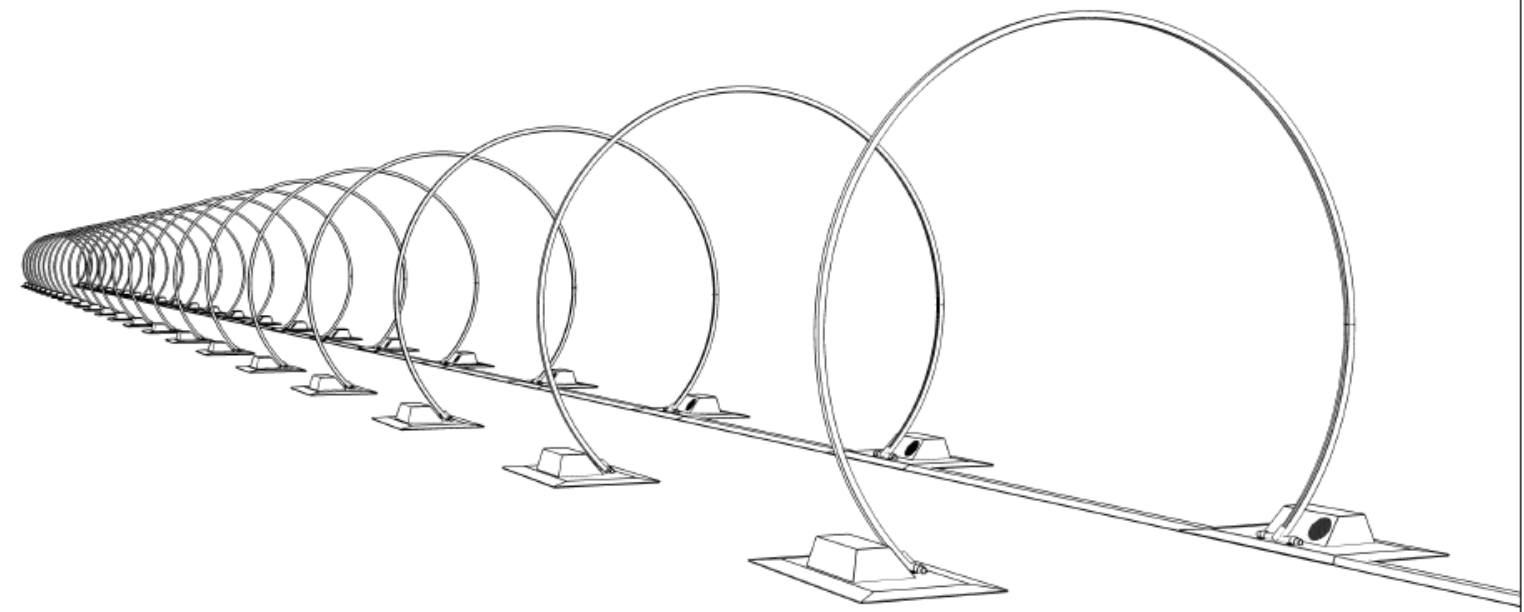
OVERVIEW

101

R-1
1 OF 11

26 JUNE 2019

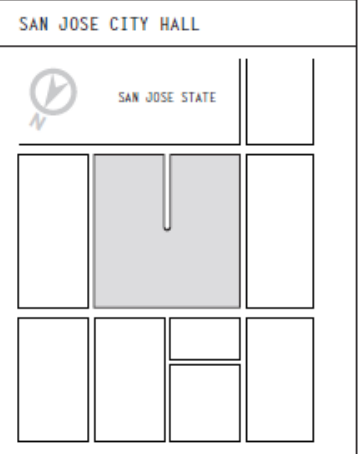
SONIC RUNWAY



INDEX OF DRAWINGS

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APPENDIX - ENGINEERING



| PROJECT DESCRIPTION | EXPECTATIONS FROM SAN JOSE | GENERAL NOTES | NOTES ON ELECTRICAL COMPLIANCE |
|---|---|---|--|
| <p>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.</p> <p>EACH GATE OF THE SONIC RUNWAY IS LINED WITH ADDRESSABLE LEDES AND A PAIR OF SPEAKERS, ENABLING A VARIETY OF VISUAL AND AUDIO PATTERNS.</p> <p>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.</p> <p>THE FIRST AND LAST GATES HAVE MICROPHONES AS WELL AS POWER AND AUDIO CONNECTIONS ALLOWING PERFORMERS TO CONNECT TO THE SYSTEM.</p> <p>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.</p> | <p>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.</p> <p>SIGNAL: PROVIDE ONE CAT-6 CABLE WITH OUT-BOUND INTERNET ACCESS RUNNING THROUGH THE JUNCTION BOX IN THE EXISTING ENCLOSURE IN THE CONCRETE SIGN.</p> <p>DEPLOY A NEW PLANTER MATCHING THE EXISTING ONES DESIGNATED TO BE MODIFIED TO HOUSE THE BASE STATION AS DESCRIBED IN THESE DRAWINGS.</p> | <p>ALL GATES ARE FREE STANDING.</p> <p>THERE ARE NO GROUND PENETRATIONS, ADHESIVE, OR OTHER DAMAGE TO THE CONCRETE SURFACE OF THE PLAZA (OTHER THAN THE EXPECTED SUN EXPOSURE DIFFERENCE).</p> <p>THE GATES ARE HELD IN PLACE BY VIRTUE OF HEAVY STEEL PLATES RESTING ON THIN NON-SLIP MATERIAL.</p> <p>NOTES ON ACCESSIBILITY COMPLIANCE</p> <p>BASE PLATES AND CONDUITS ARE ALL SURROUNDED BY 1:8 SLOPED 'RAMPS' THAT MEET ACCESSIBILITY REQUIREMENTS TO AVOID TRIPPING HAZARDS.</p> | <p>ALL ELECTRICAL CABLING IS ENCLOSED IN SEALED CONDUITS.</p> <p>LINE VOLTAGE AC LINES RUN IN SEPARATE CONDUIT FROM LOW VOLTAGE SIGNAL LINES.</p> <p>AC LINES ENTER THE GATE STATION THROUGH SEALED CONDUIT INTO A JUNCTION BOX, ISOLATING THEM FROM THE LOW VOLTAGE ELECTRONICS.</p> <p>AC LINES ARE PROTECTED BY CIRCUIT BREAKERS IN THE BASE STATION.</p> <p>LEDES ARE PROTECTED BY A BLADE FUSE IN EACH ELECTRONICS ENCLOSURE.</p> |







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

LIVE



https://www.youtube.com/watch?v=iWLWvgRV010&fbclid=IwAR1fFclj6dH91z-KCBX2a8k82ETsUc9yILuVnh2ma3aVrlG97_2TTxyF3JI