

Achievements of Installation

Anti-seismic Underground Bicycle Parking

Underground Anti-Seismic Car Parking ECO Park

ECO Cycle

ECO Park

-Culture Aboveground & Function Underground-

Tours to see demonstrations of ECO Cycle and ECO Park are available.

GIKEN ECO Plaza

1-6-35 Minato Minami, Minatoku Tokyo
Daido Shinagawa Building, 1st Floor

Access: 7 minutes walk from JR Shinagawa Station,
Konan Exit (East Exit)

* Please contact the International Business Department following in
advance for the demonstration tour.



GIKEN

Construction Solutions Company

www.giken.com

CONTACT US



GIKEN

Culture Aboveground & Function Underground

ECO Cycle
ECO Park

Achievements

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ECO Cycle

Hachijoguchi West and Hachijoguchi East Bicycle Parking Areas of The Kyoto Station

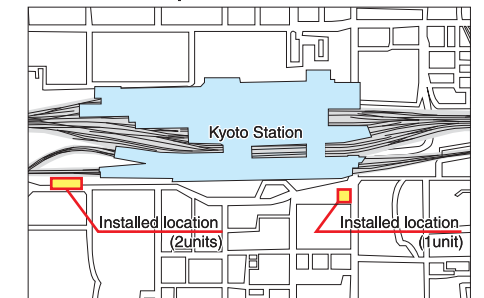
Location : Kyoto city, Kyoto
Completion : January 2015
Client : Kyoto city

Installation of mechanical-type underground bicycle parking in the community of Kyoto which is the doorway of an international, cultural and tourism city.



As part of the development project for the front square at the south exit of the Kyoto station, three ECO Cycles were installed. They were installed facing a busy street, close to the track of the Shinkansen (bullet train) line. Construction with minimum influence on the surroundings was realized under a lot of constraint conditions. Previously part of the sidewalk had been exclusively used for bicycles. Effectively using the underground space at maximum with the ECO Cycles, landscape was not only improved, but a comfortable walking space was created. With the design harmonized with the landscape of the Kyoto Station front square, the bicycle receiving/retrieving booths are melted into the street view.

Location Map



ECO Cycle Specifications

- Units : 3
- Total Capacity : 612 bicycles (204 × 3 units)
- Usage : Monthly use
- Card Type : IC card

Before construction (west side)



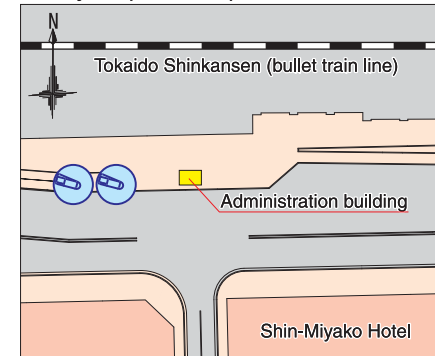
After construction (west side)



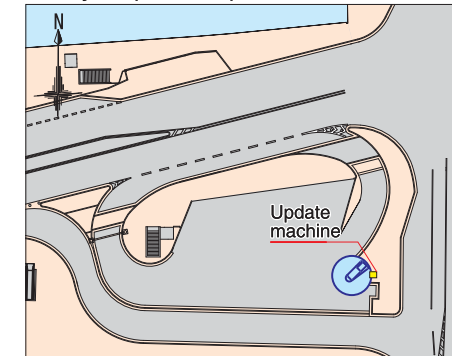
During construction



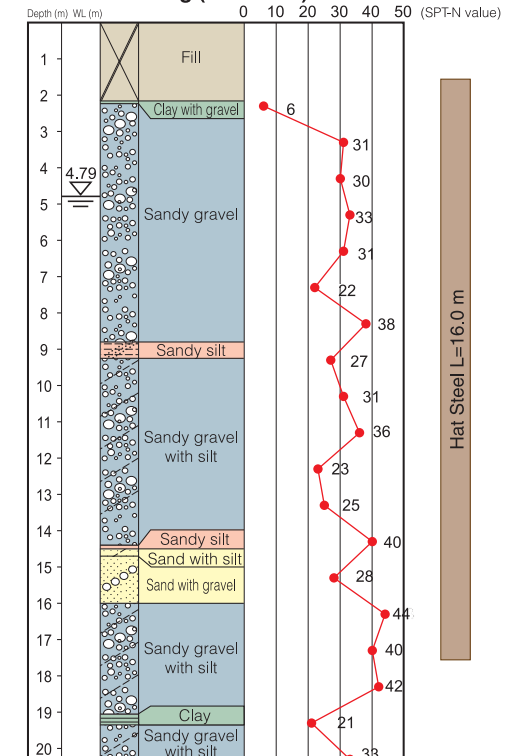
Layout (west side)



Layout (east side)



Borehole Log (west side)



Mikawajima Station Front Square Bicycle Parking Area

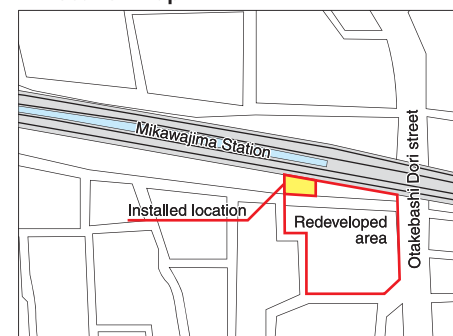
Location : Arakawa-ku, Tokyo
Completion : September 2014
Client : Arakawa-ku

In a private redevelopment project, a public bicycle parking area was installed at the Mikawajima Station of the JR Joban line.



In a redevelopment project at the south area of the Mikawajima Station front square, a mechanical-type underground bicycle parking facility was installed as a public bicycle area of the Arakawa ward. Construction case where a bicycle parking area was installed close to the JR line in an alluvial low land formed by rivers such as Arakawa and Edogawa Rivers. Space-saving and short-period construction without affecting the surroundings was realized, coordinating with the constructions of redeveloped buildings. As a result, a highly convenient bicycle parking area was completed close to the station wickets.

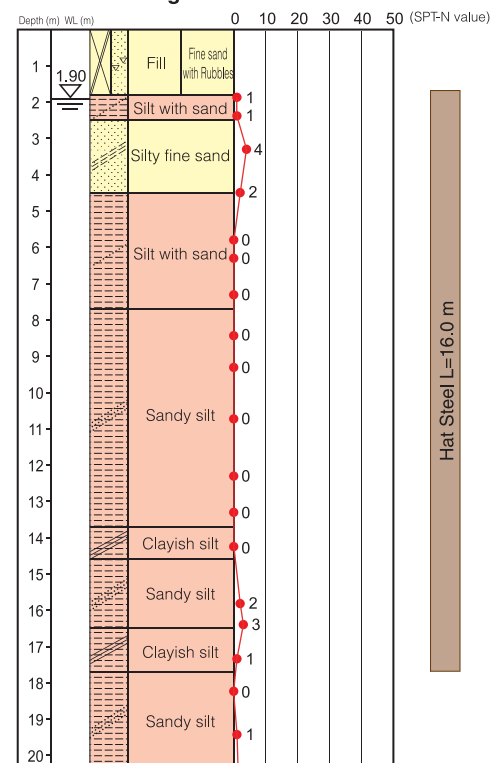
Location Map



ECO Cycle Specifications

- Units : 2
- Total Capacity : 408 bicycles (204 × 2 unit)
- Usage : Monthly or Hourly use
- Card Type : IC card

Borehole Log



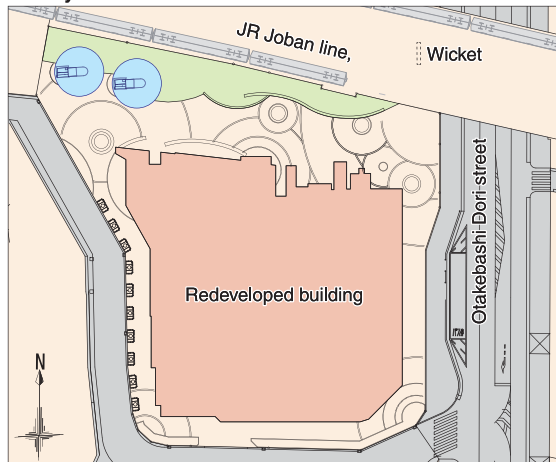
Before construction



After construction



Layout



Redeveloped building

Mikawadai Park Mechanical Underground Bicycle Parking Development Project

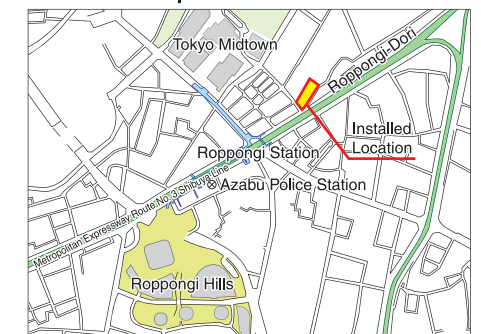
Location : Minato-ku, Tokyo
Completion : March 2013
Client : Minato-ku

Installation of mechanical-type underground bicycle parking in the community of Roppongi which is an internationally diverse area



One ECO Cycle unit was Installed in "Mikawadai Park", which is a city park in Roppongi, Minato-ku, Tokyo. High expectations are placed on this to be a mechanical underground bicycle parking space that suits the internationally recognised district of Roppongi. This is the second case for ECO Cycle being operated as a public bicycle parking space in Minato-ku, the first being the bicycle parking space in Konan Star Park in front of Shinagawa Station.

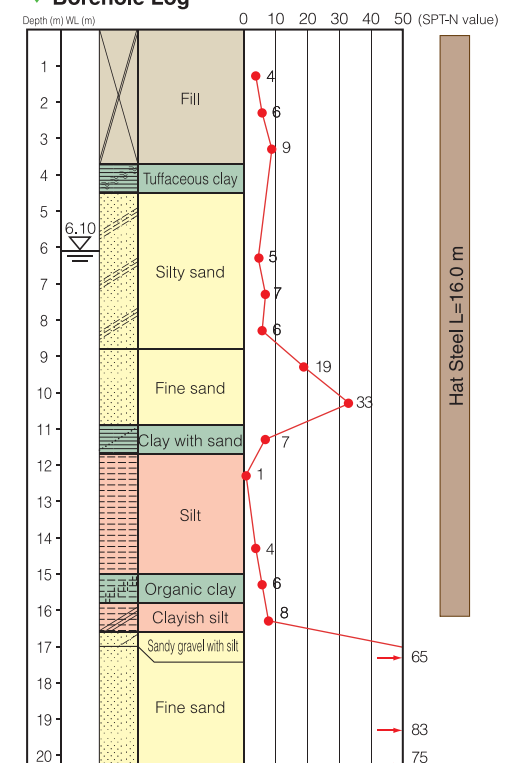
Location Map



ECO Cycle Specifications

- Units : 1
- Total Capacity : 204 bicycles (204 × 1 unit)
- Usage : Monthly or Hourly use
- Card Type : IC card

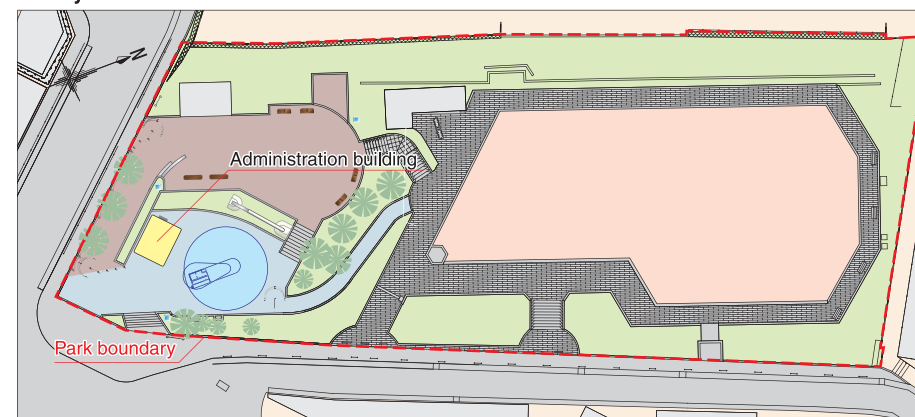
Borehole Log



* Extrapolated SPT-N value when over 50.



Layout



Minamisenri Station Public Community Facility Development

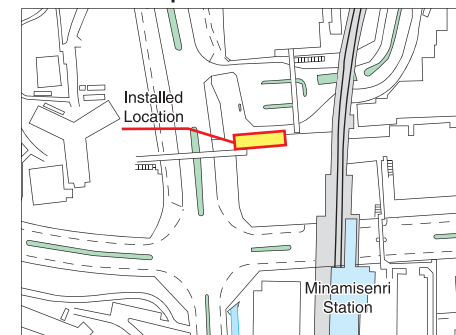
Location : Suita City, Osaka
Completion : June 2012
Client : Suita City

Next to the existing 2 units at Minami Senri Station, 3 new units were installed



Installed 3 units of ECO Cycle in PFI business of public community facilities. Developed next to Bicycle Parking No. 1 in front of Hankyu Railway Minamisenri Station 2 units of ECO Cycle are in operation. Once completed, there are 5 units of ECO Cycle operating as public bicycle park around Minamisenri Station traffic circle.

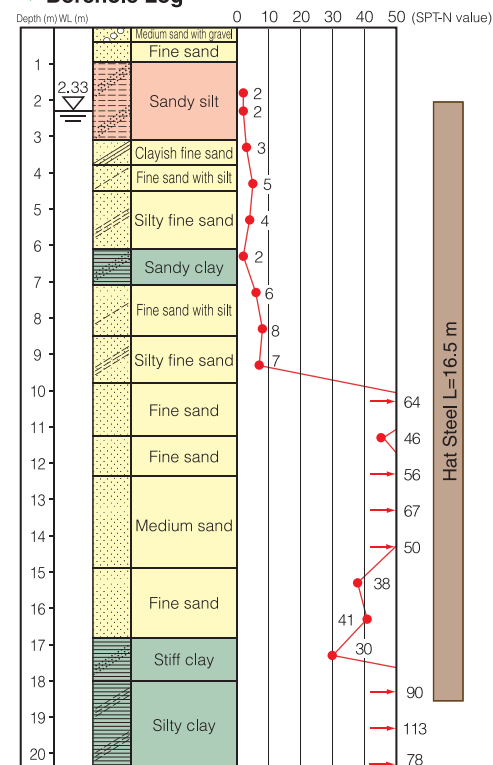
Location Map



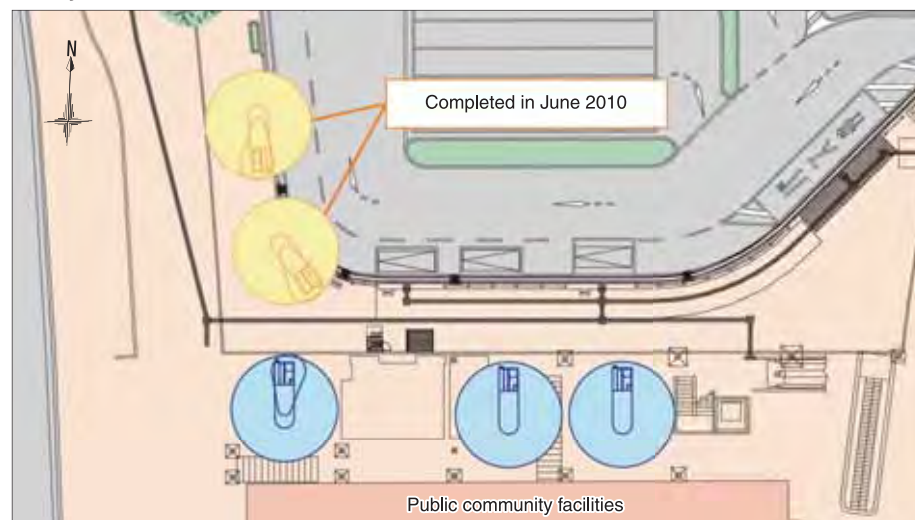
ECO Cycle Specifications

- Units : 3
- Total Capacity : 612 bicycles (204 × 3 unit)
- Usage : Monthly or Hourly use
- Card Type : IC card

Borehole Log



Layout



Underground Bicycle Parking for Dormitories at Kochi University of Technology

Location : Kami City, Kochi
Completion : March 2011
Client : Kochi University of Technology

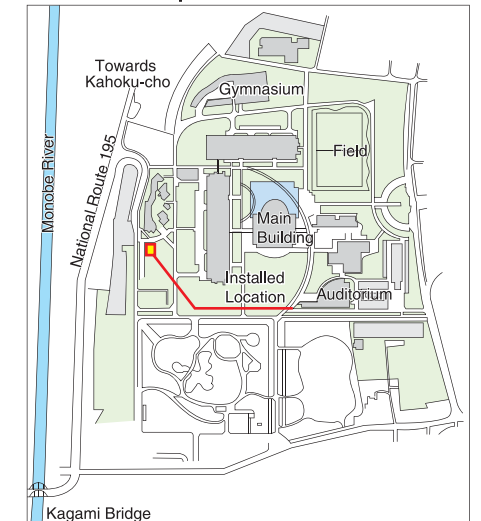
Mechanical system renewal using the previous ECO Cycle underground frame structure



The ECO Cycle that had been used for 13 years at the Kochi University of Technology was upgraded to the latest system. Using the existing underground frame structure, the capacity increased from 126 to 180 bicycles. In addition to its function as bicycle parking, a rental cycle system was launched also including dedicated rental bicycles. This contributes to better convenience for the students.

The entrance booth on the ground level was also renewed with a design that suits the campus.

Location Map



Under ground part



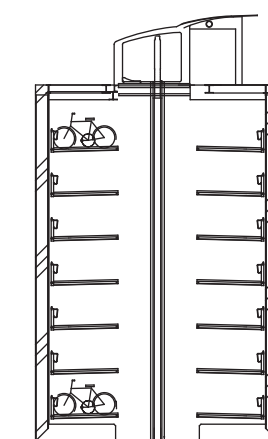
Rental bicycle



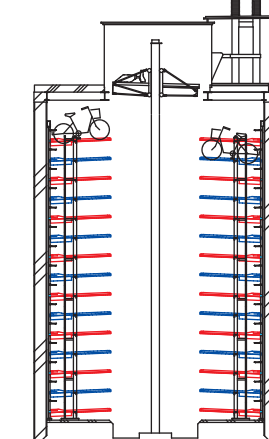
Kochi University of Technology Campus

ECO Cycle Specifications

- Units : 1
- Total Capacity : 180 bicycles (180 × 1 unit)
- Usage : Membership
(In conjunction with rental cycle system)
- Card Type : IC card



Before renewal
Capacity: 126 bicycles (parking)



After renewal
Capacity: 180 bicycles (parking/rental cycle)



Before renewal

Bicycle Parking in Complex Building at Ningyo-cho, Chuo-ku

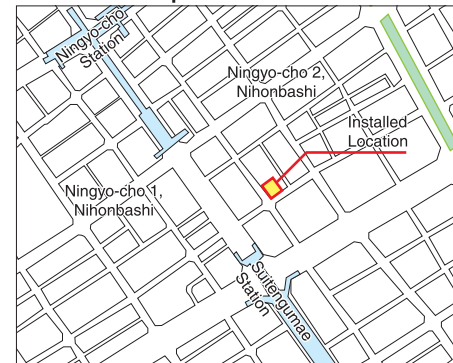
Location : Chuo-ku, Tokyo
Completion : October 2010
Client : Chuo-ku

Installed ECO Cycle in complex building for the first time as PFI business



The first business example in Japan where ECO Cycle was installed as a PFI business. Built within a public facility complex, serving as a public bicycle parking lot for people using Ningyo-cho and Suitengumae Stations nearby. An example of constructing the unit within the limited space of 16m x 18m under the ground consisting of soft Yurakucho strata.

Location Map



ECO Cycle Specifications

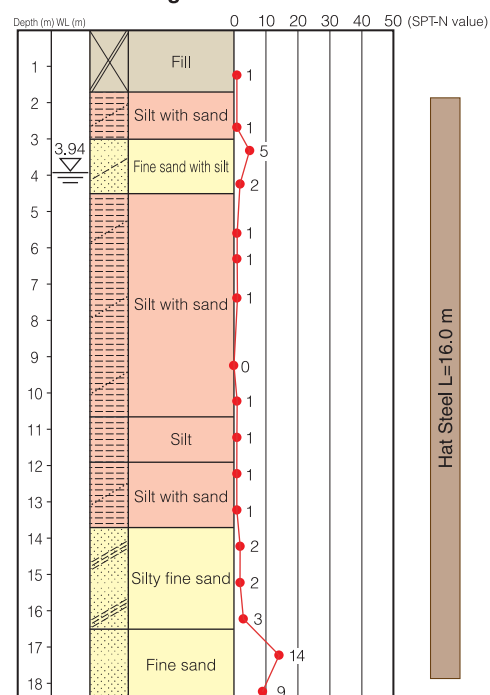
- Units : 1
- Total Capacity : 204 bicycles (204 x 1 unit)
- Usage : Monthly use
- Card Type : IC card



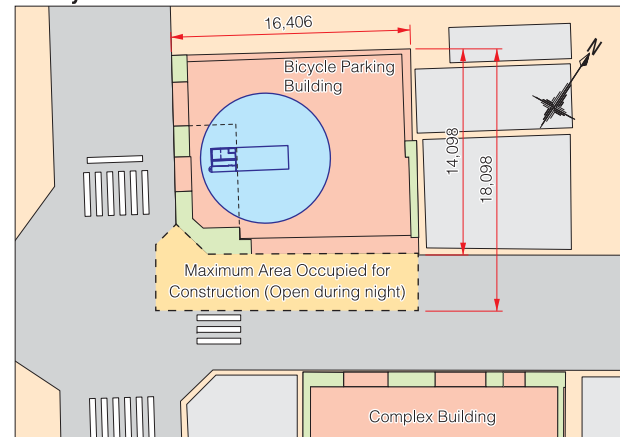
Complete View of Bicycle Parking Building



Borehole Log



Layout



Complete View of Complex Building

Bicycle Parking No.1 in front of Hankyu Railway Minamisenri Station West

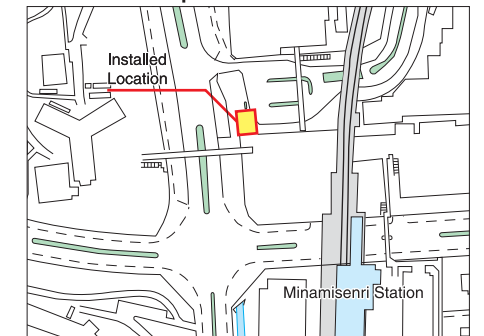
Location : Suita City, Osaka
Completion : June 2010
Client : Suita City

Installed as the first public underground mechanical parking lot in Kansai Region



As public bicycle parking lot in Kansai Region, an underground mechanical parking lot was installed for the first time. Along with the station-front redevelopment project of the Hankyu Railway Minamisenri Station, 2 ECO Cycle units were built at the traffic circle. By concentrating several aboveground bicycle parking lots to the underground of the train station plaza, the space in front of the station is utilised effectively and highly convenient parking has become available.

Location Map

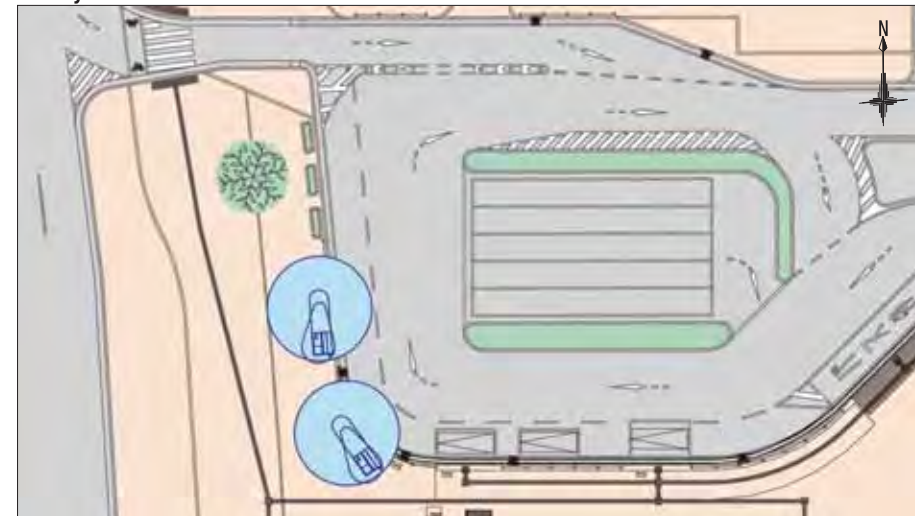


ECO Cycle Specifications

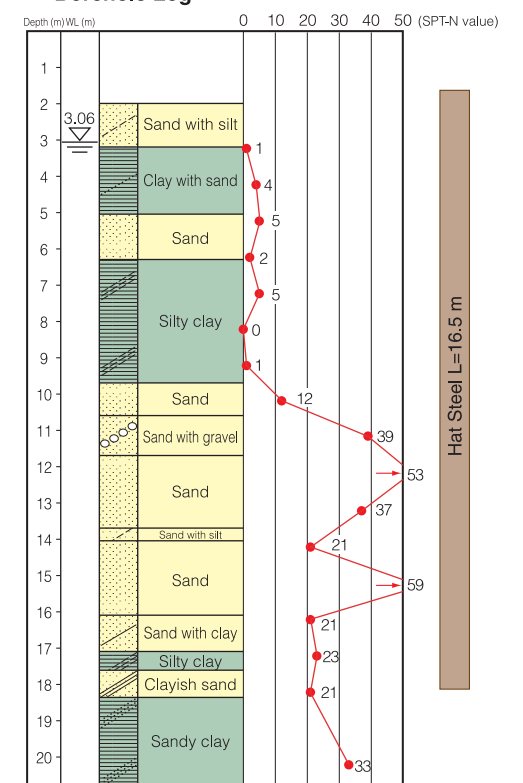
- Units : 2
- Total Capacity : 408 bicycles (204 x 2 units)
- Usage : Monthly use
- Card Type : IC card



Layout



Borehole Log



* Extrapolated SPT-N value when over 50

Underground Bicycle Parking, Konan Star Park at Minato-ku

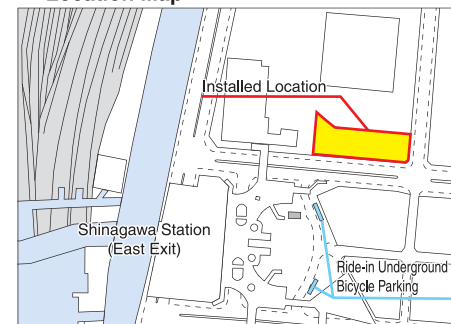
Location : Minato-ku, Tokyo
Completion : March 2010
Client : Minatu-ku

Utilise underground of an urban park very close to Shinagawa Station to accommodate 1020 bicycles



Installed 5 ECO Cycle units under the urban park, situated in proximity to Shinagawa Station East Exit, which is currently being redeveloped. With its smart looking exterior that is above ground, ECO Cycle fits perfectly in the surrounding landscape and does not disturb the original functioning of parks, serving as urban facility that retains a balance between recreation and convenience.

Location Map

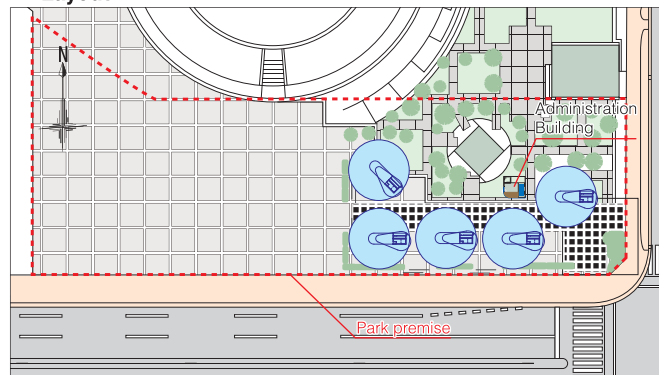


ECO Cycle Specifications

- Units : 5
- Total Capacity : 1020 bicycles (204 × 5 units)
- Usage : Monthly use
- Card Type : IC card

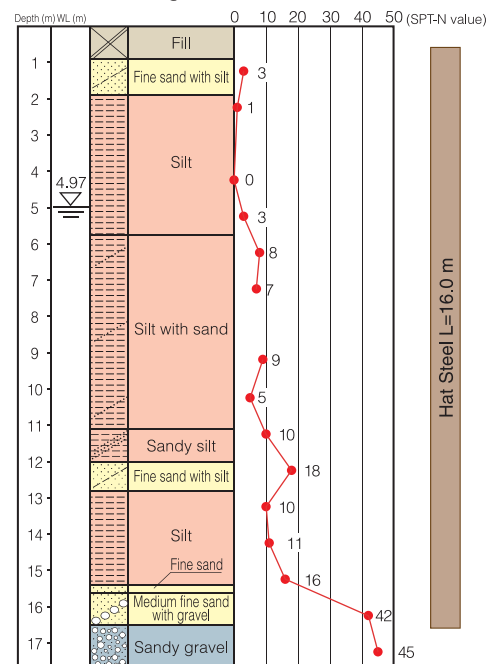


Layout



Administration building

Borehole Log



Underground Bicycle Parking, South Exit of Hachioji Station

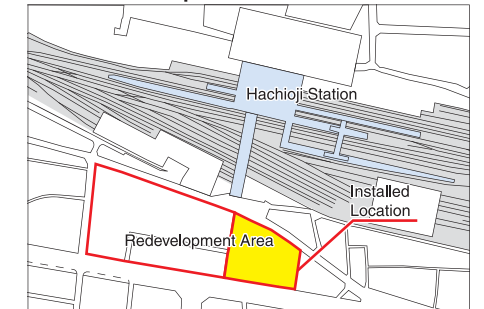
Location : Hachioji-city, Tokyo
Completion : March 2010
Client : The Hachioji City Housing and Urban Development Corporation

Installed ECO Cycle under the traffic circle in conjunction with the Hachioji Station South Exit Redevelopment Project



In conjunction with the Hachioji Station South-Exit Redevelopment Project, 6 ECO Cycle units were installed under the traffic circle of the South Exit. By building ECO Cycle under the convenient location of the Train Station's plaza area, it has allowed effective access from various directions, realising an ideal bicycle park for users.

Location Map

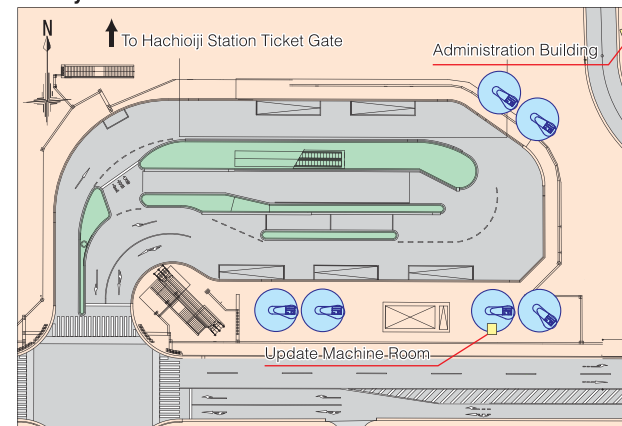


ECO Cycle Specifications

- Units : 6
- Total Capacity : 1224 bicycles (204 × 6 units)
- Usage : Monthly use
- Card Type : IC card

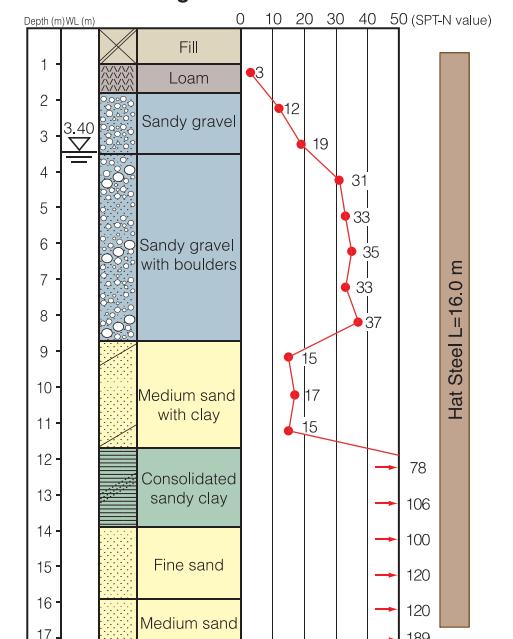


Layout



Redeveloped Building

Borehole Log



* Extrapolated SPT N value when over 50

Mechanical Underground Bicycle Parking, East Exit of Japan Railways Chiba Station

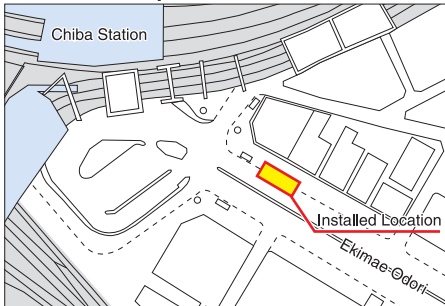
Location : Chiba City, Chiba
Completion : May 2009
Client : Chiba City

Japan's first case using underground space of a pedestrian walkway in front of a train station



For the first time in Japan, mechanical underground bicycle parking lot was installed on the street. The underground frame structure was built under the vehicle roadway and the pedestrian walkway to allow vehicles to pass over the ECO Cycle structure. Administration of the bicycle parking is controlled centrally at a nearby bicycle parking administration building.

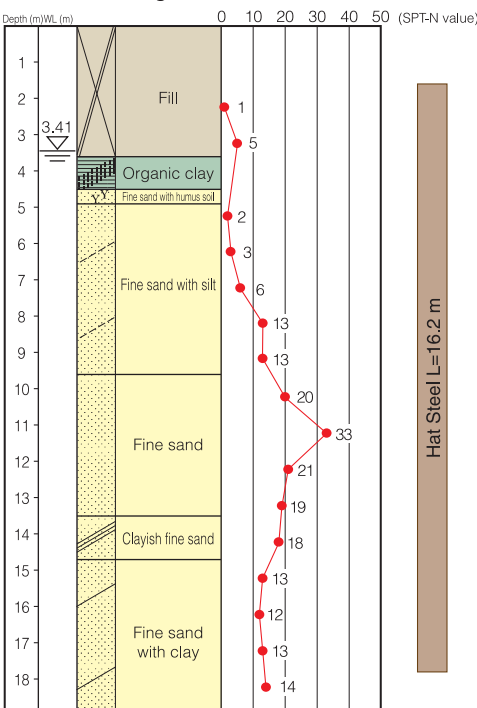
Location Map



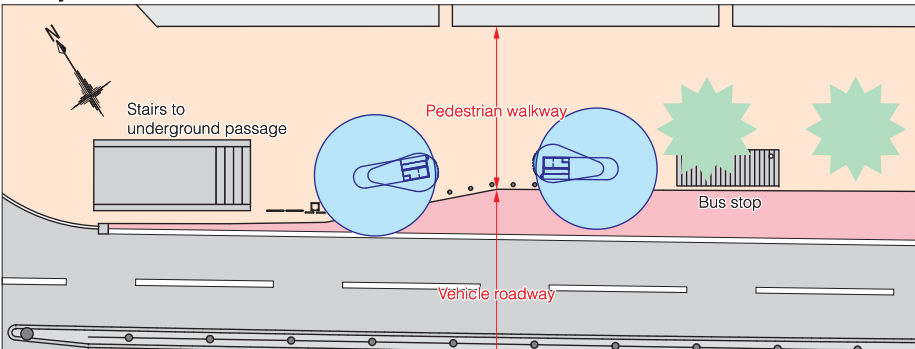
ECO Cycle Specifications

- Units : 2
- Total Capacity : 408 bicycles (204 × 2 units)
- Usage : Monthly use
- Card Type : IC card

Borehole Log



Layout



Bicycle Parking in Complex Building at Wakayama

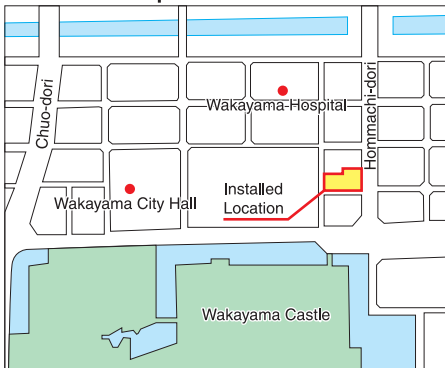
Location : Wakayama City, Wakayama
Completion : May 2008
Client : Private sector

Kansai region's first ECO Cycle in central Wakayama City



Installed in an office and condominium complex built in the centre of Wakayama City. It is used by tenant employees and apartment residents. The entrance booth has a new design style suited for the unique design of the building.

Location Map



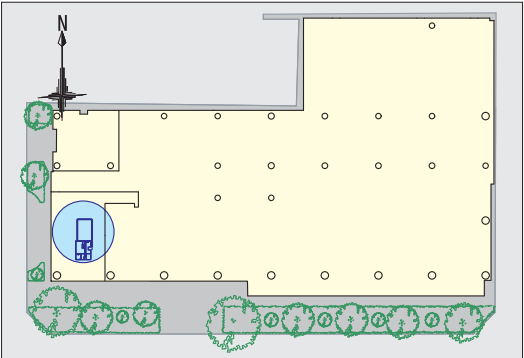
ECO Cycle Specifications

- Units : 1
- Total Capacity : 101 bicycles (101 × 1 unit)
- Usage : Monthly use
- Card Type : PET magnetic card (re-writable*)

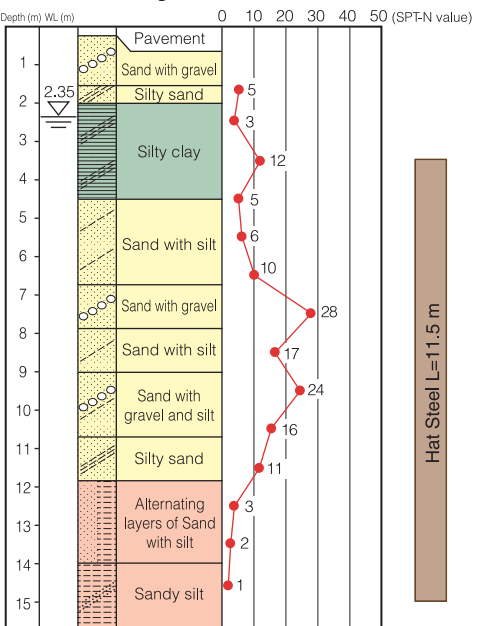
*The gate number is printed on the card each time of use



Layout



Borehole Log



Marugame Machi Ichibangai Bicycle Parking

Location : Takamatsu City, Kagawa
Completion : December 2006
Client : Private sector

Installed ECO Cycle inside a building complex in accordance with the redevelopment of shopping street



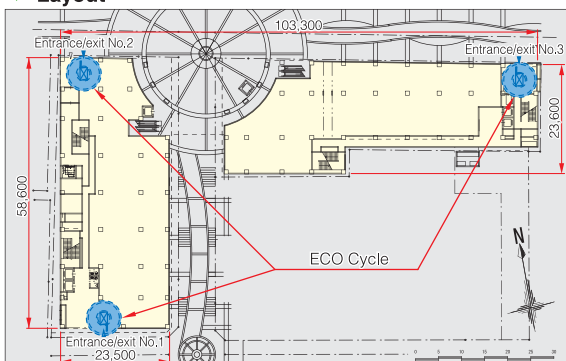
General view of redevelopment building



Surrounding landscape

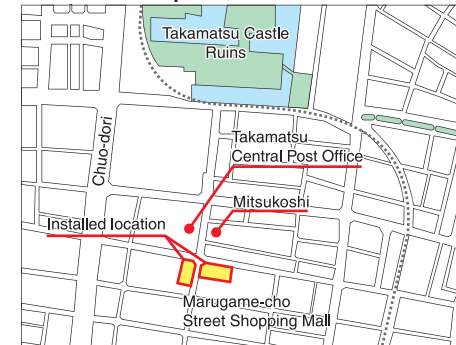


Layout



As part of redevelopment of Marugame Machi, Takamatsu City, Kagawa Prefecture, three ECO Cycle units were installed at a shopping street in a commercial facility and an apartment building complex. With the entrance booth designed to be integrated with the building, they are used monthly and hourly by the apartment residents and shoppers.

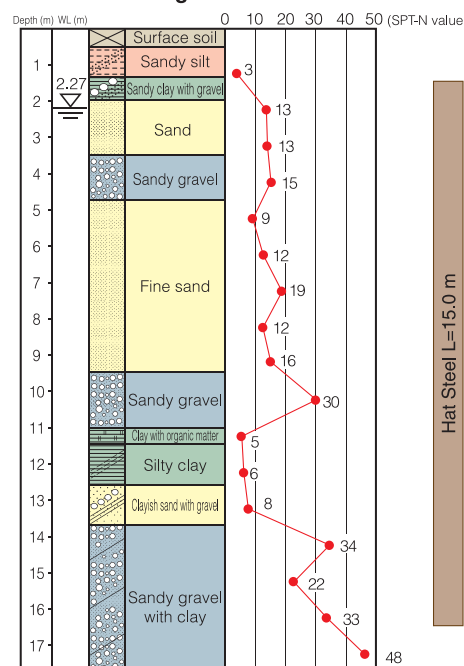
Location Map



ECO Cycle Specifications

- Units : 3
 - Total Capacity : 432 bicycles (144 x 3 units)
 - Usage : Monthly use and hourly use
 - Card Type : PET magnetic card (re-writable*)
- *The gate number is printed on the card each time of use

Borehole Log



Underground Bicycle Parking, South Exit of Jiyugaoka Station

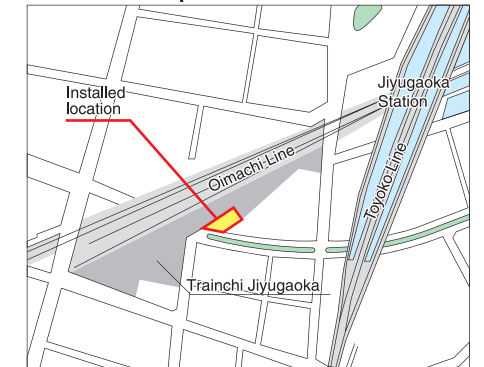
Location : Meguro-ku, Tokyo
Completion : October 2006
Client : Meguro-ku

Completed in a short construction period of 5 months in a narrow space next to the railroad



Installation work was done under the conditions of a narrow space with a width of 11 m and in close proximity to the railroad in Jiyugaoka, where the Tokyu Toyoko Line and Tokyu Oimachi Line intersect. Despite numerous limitations, a press-in method using a systematic specialised machine made short-period and compact construction possible without affecting the adjacent railroad traffic and buildings.

Location Map



ECO Cycle Specifications

- Units : 2
 - Total Capacity : 288 bicycles (144 x 2 units)
 - Usage : Monthly use
 - Card Type : PET magnetic card (re-writable*)
- *The gate number is printed on the card each time of use



Under construction

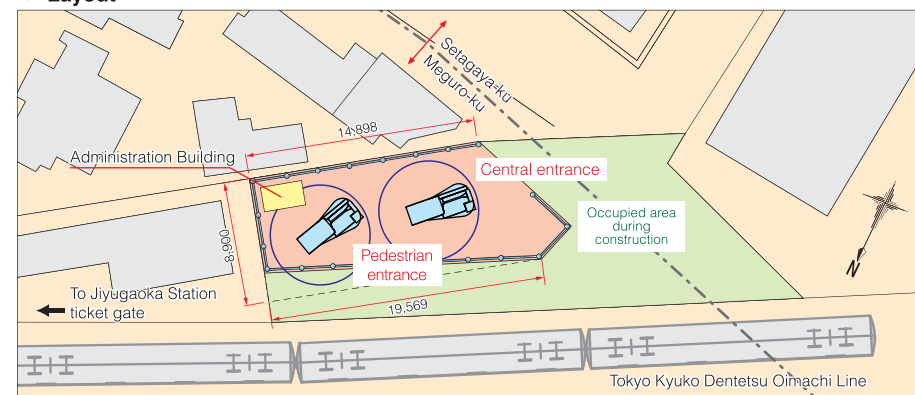


Pile press-in

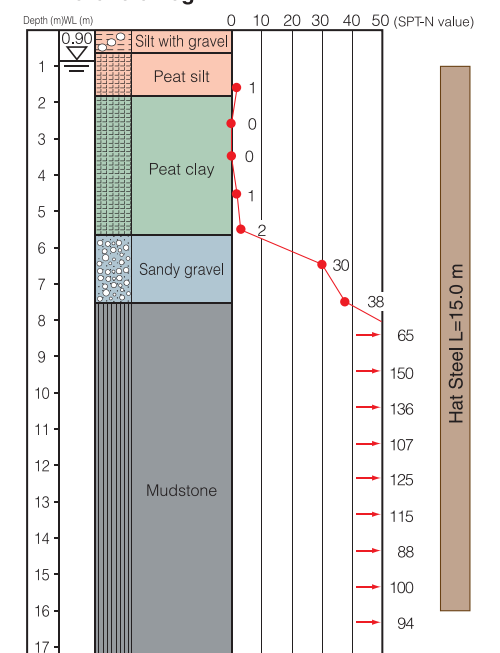


Internal architecture

Layout



Borehole Log



* Extrapolated SPT-N value when over 50

Suzukake Underground Bicycle Parking

Location : Mitaka City, Tokyo
 Completion : June 2006
 Client : Mitaka City

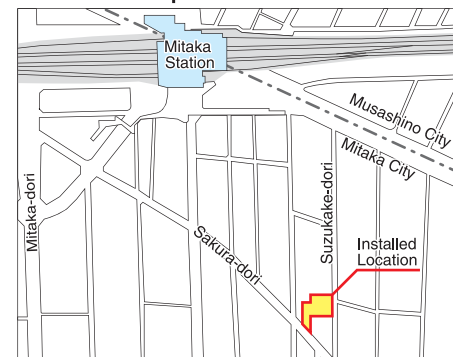
Highly functional arrangement of 8 ECO Cycle units in restricted residential space



Suzukake-dori entrance

5 mins' walk from Mitaka Station South Exit. This highly-functional arrangement of eight ECO Cycle units in a 664 m² plot enables underground parking lot of 1440 bicycles in a quiet residential area. The system can accommodate three times as many bicycles as conventional single-level parking without affecting the surrounding neighbourhood.

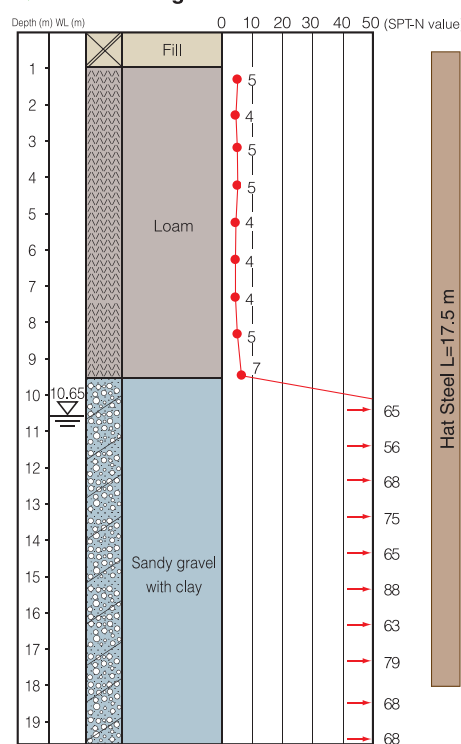
Location Map



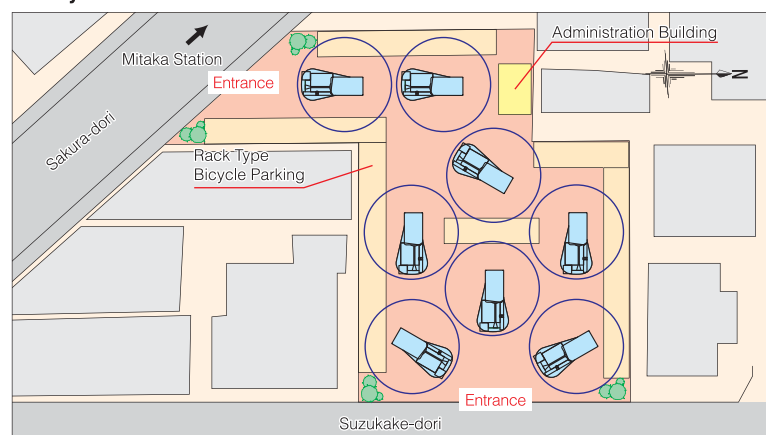
ECO Cycle Specifications

- Units : 8
 - Total Capacity : 1440 bicycles (180 × 8 units)
 - Usage : Monthly use
 - Card Type : PET magnetic card (re-writable*)
- *The gate number is printed on the card each time of use

Borehole Log



Layout



Toll Mechanical Bicycle Parking, East Exit of Ebina Station

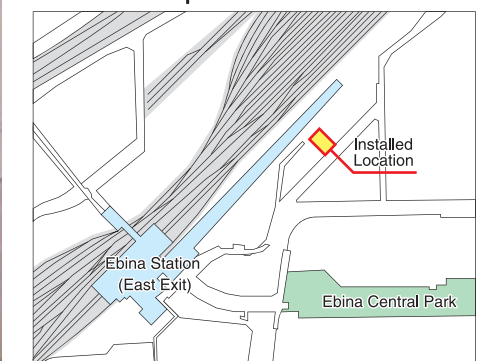
Location : Ebina City, Kanagawa
 Completion : March 2004
 Client : Ebina City

Above-ground ECO Cycle for 720 bicycles, next to railway



In a limited space of about 430 m² along the Sotetsu railway line in front of the Ebina Station, a high storage capacity of up to 720 bicycles was realized above ground. Smooth flow lines of users are secured, efficiently deploying 4 ECO Cycle units and a management room.

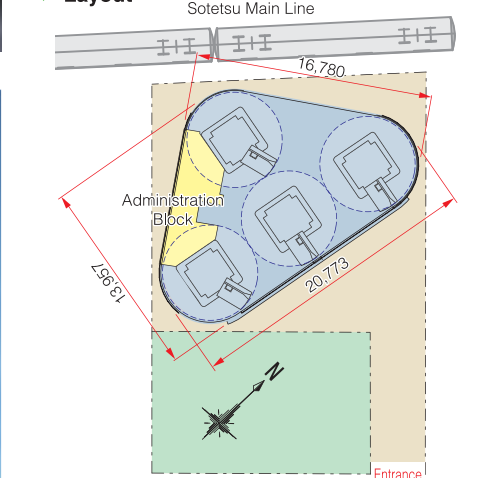
Location Map



ECO Cycle Specifications

- Units : 4
 - Total Capacity : 720 bicycles (180 × 4 units)
 - Usage : Monthly or Hourly Use
 - Card Type : PET magnetic card (re-writable*)
- *The gate number is printed on the card each time of use

Layout



Front Elevation



Entrance booths



During construction



Interior view



Daido Shinagawa Building

Revenue-earning Seismic Resistant Structural Foundations

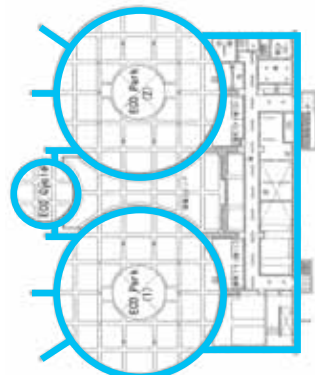
Daido Shinagawa Building (Minato-ku, Tokyo)

Location : Minato-ku, Tokyo
Completion : December 2003
Client : Private sector

In December 2003, the world's first office block with "revenue-earning seismic resistant foundations" was completed in the vicinity of Tokyo's Shinagawa station. The earthquake-resistant foundations which support the 9-floor superstructure are made up of two Eco Park units and one Eco Cycle unit, together with an underground chamber. The anti-seismic walls reach down to the Tokyo Gravel layer, which is the supporting stratum.

- No. of stories : 1 floor underground, 9 floors above ground, 1 floor penthouse
- Foundation : Steel frame column structure installed with the press-in method (Supporting layer: Tokyo Gravel)
- Land Area : 1,653m²
- Building Area : 1,219m²
- Parking Area : 2,468m²
- Parking Capacity : 100 vehicles (2 ECO Park units)
- Parking Capacity : 144 bicycles (1 ECO Cycle unit)

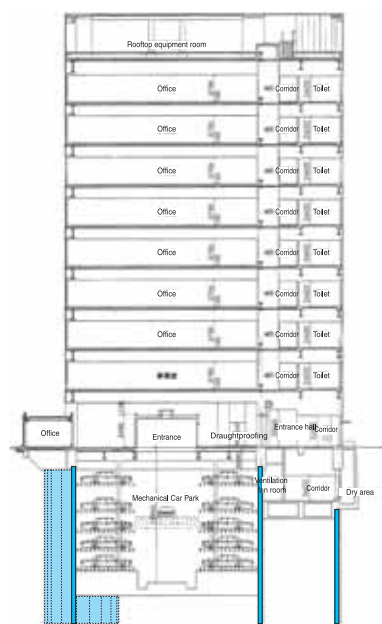
Ground Plan



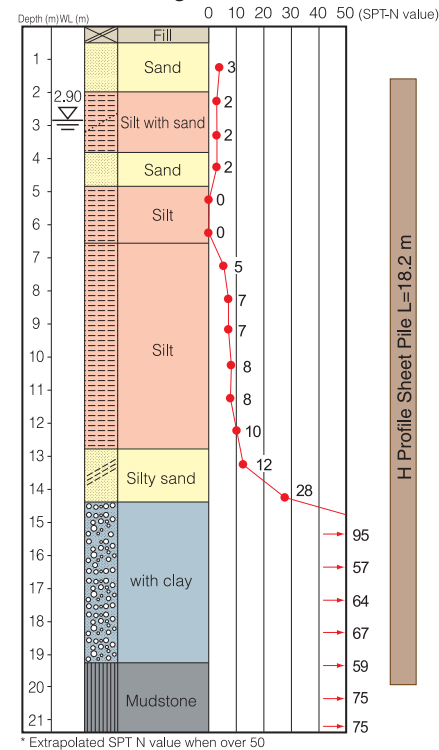
Structure



Front Elevation



Borehole Log



"Revenue-earning Seismic Resistant Structural Foundations"

The pile foundations of a building exist to support the weight of the superstructure and to withstand earthquakes and strong winds. However, a structure which only supports the building does not make full use of the underground space. So GIKEN created a continuous pressed-in pile wall in a dynamically stable cylindrical shape, to achieve a large-diameter underground structure which has even stronger earthquake resistance than conventional pile foundations. Using the internal space for car and bicycle parking gave rise to the "Revenue-earning Seismic Resistant Structural Foundations" which provide other functions apart from their basic structural role.



Revenue-earning Seismic Resistant Structural Foundations

ECO Park

Underground Car Parking System at Office Building

3rd Japan Best Parking Prizes Special Prize : Winner
Japan Parking Facilities Promotion Organization



Pilotis (Entrance booths : Car Park 1 (foreground) and Car Park 2 (background))



Car Park 1 exit (drive-through system)



Car Park 2 entry & exit (free system)

Two different entry/exit systems to aid the flow of vehicles

Two ECO Park (L-Type) units have been installed to provide underground parking for 100 cars. The upper two floors of the five-story structure are compatible with high-roof vehicles (20 vehicles per unit). To achieve efficient use of floor space and



Underground part

smooth entry and exit, a "drive-through system" with the entry and exit doors positioned on the same straight line was adopted for the Eco Park 1 on the front side, while a "free system" with side-by-side entry and exit doors was used for the Eco Park 2 on the rear side.

ECO Park Specifications

- Units : 2 (L type)
- Total Capacity : 100 vehicles (50 x 2 units)
* including spaces for 40 high-roof
- Usage : Monthly or Pay-by-hour
- Card Type : PET magnetic card (Monthly)
Paper magnetic card (Pay-by-hour)

Revenue-earning Seismic Resistant Structural Foundations

ECO Cycle

Underground Bicycle Parking System at Office Building



Entrance Booth

Automatic charging function for Electric assist bicycles

Underground parking lot for 144 bicycles. Charging devices are installed in the upper two floors of the eight-storey structure, providing a facility for automatically recharging electric assist bicycles while they are parked. The glass-panelled entrance booth allows users to watch their cycle being lowered, rotated and raised by the system.



Electric assist bicycle compatible with automatic charging system



Side of booth with glass panelling



Underground architecture

ECO Cycle Specifications

- Units : 1
- Total Capacity : 144 bicycles (144 x 1 unit)
- Usage : Monthly use (combined with rental cycle)
- Card Type : Plastic JIS-spec magnetic card

Seijo North No. 2 Rental Cycle Port

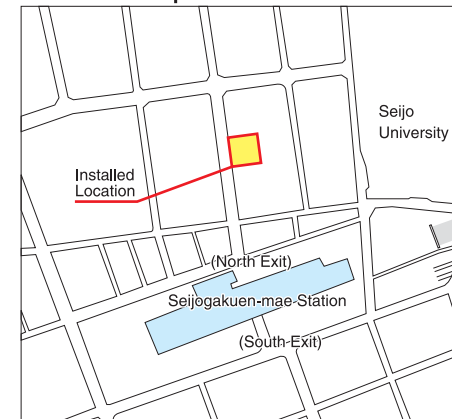
Location : Setagaya-ku, Tokyo
 Completion : November 2001
 Client : Setagaya-ku

Eco Cycle used as Rental Cycle Port



An Eco Cycle unit is used as a rental cycle port, in a municipal bicycle parking facility at Seijogakuen-mae station on the Odakyu line. This is the first Eco Cycle system introduced by local government, highly valued for its compact structure and smart appearance.

Location Map



ECO Cycle Specifications

- Units : 1
- Total Capacity : 144 bicycles (144 × 1 unit)
- Usage : Monthly or Hourly Use (Rental Cycle)
- Card Type : Special plastic magnetic card

Good Design Award Winner 2003
 Japan Institute of Design Promotion



During construction

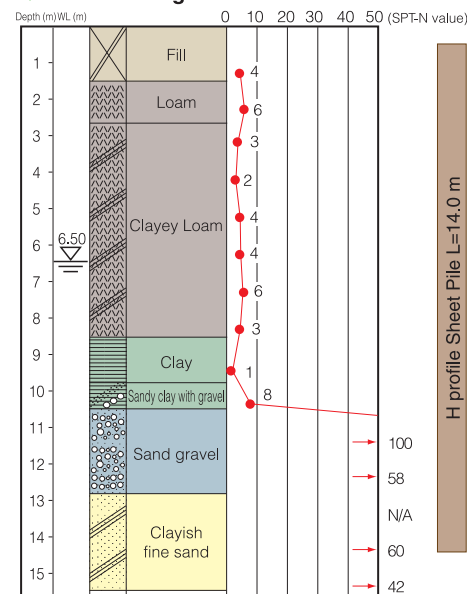


Underground architecture



Installation of the entrance booth

Borehole Log



Underground Bicycle Parking for Dormitories at Kochi University of Technology

Location : Kami City, Kochi
 Completion : June 1998
 Client : Kochi University of Technology



Eco Cycle facility installed at student residence at Kochi University of Technology. Improved convenience by using student ID cards to operate the system.

ECO Cycle Specifications

- Units : 1
- Total Capacity : 126 bicycles (126 × 1 unit)
- Usage : Registration system
- Card Type : Plastic RFID card (non-contact)*
 * Uses student ID card

GIKEN LTD. Kochi Head Office

Location : Kochi City, Kochi Prefecture
 Completion : December 1994
 Client : Private Sector



Eco Park system installed at GIKEN's head office in Kochi. Used as staff car park. The first practical application of our concept: "Culture Aboveground, Function Underground". Various tests and verifications were implemented for the system.

ECO Park Specifications

- Units : 1 unit (M type)
- Total Capacity : 50 vehicles (50 × 1 unit)
- Usage : Registration system
- Card Type : Plastic RFID card (non-contact)

List of Purchased Systems

ECO Cycle

| Completed: | Name / Location / Client | Units | Total capacity | Usage |
|---------------------|--|-------|---|---|
| Jun 1998 | Underground Bicycle Parking for Dormitories at Kochi University of Technology Location : Kami-shi, Kochi Prefecture, Japan Owner : Kochi University of Technology | 1 | 126 | Registration system |
| Mar 2011 Renewal | | | 180 | Registration system (Combined with Rental Cycle) |
| Nov 2001 | Seijo North No.2 Rent-a-cycle Park Location : Setagaya-ku, Tokyo, Japan Owner : Setagaya-ku | 1 | 144 | Monthly or hourly use (Rental Cycle) |
| Dec 2003 | Underground Bicycle Parking System at Office Building Location : Minato-ku, Tokyo, Japan Owner : Private Company | 1 | 144 | Monthly use (Combined with Rental Cycle) |
| Mar 2004 | Toll Mechanical Bicycle Parking, East Exit of Ebina Station Location : Ebina-shi, Kanagawa Prefecture, Japan Owner : Ebina City | 4 | 720 | Monthly or Hourly Use |
| Jun 2006 | Suzukake Underground Bicycle Parking Location : Mitaka-shi, Tokyo, Japan Owner : Mitaka City | 8 | 1440 (Total 1700 including 260 in rack system) | Monthly use (Rack system for hourly use) |
| Oct 2006 | Underground Bicycle Parking, South Exit of Jiyugaoka Station Location : Meguro-ku, Tokyo, Japan Owner : Meguro-ku | 2 | 288 | Monthly use |
| Dec 2006 | Marugame Machi Ichibangai Bicycle Parking Location : Takamatsu-shi, Kagawa Prefecture, Japan Owner : Private Company | 3 | 432 | Monthly or Hourly Use |
| Mar 2008 | Bicycle Parking in Complex Building at Wakayama Location : Wakayama-shi, Wakayama Prefecture, Japan Owner : Private Company | 1 | 101 | Monthly use |
| May 2009 | Mechanical Underground Bicycle Parking, East Exit of Japan Railways Chiba Station Location : Chiba-shi, Chiba Prefecture, Japan Owner : Chiba City | 2 | 408 | Monthly use |
| Mar 2010 | Underground Bicycle Parking, South Exit of Hachioji Station Location : Hachioji-shi, Tokyo, Japan Owner : The Hachioji City Housing and Urban Development Corporation | 6 | 1224 | Monthly use |
| Mar 2010 | Underground Bicycle Parking, Konan Star Park at Minato-ku Location : Minato-ku, Tokyo, Japan Owner : Minato-ku | 5 | 1020 | Monthly use |
| Jun 2010 | Bicycle Parking No.1 in front of Hankyu Railway Minamisenri Station West Location : Suita-shi, Osaka, Japan Owner : Suita City | 2 | 408 | Monthly use |
| Sep 2010 | Bicycle Parking in Complex Building at Ningyo-cho, Chuo-ku Location : Chuo-ku, Tokyo, Japan Owner : Chuo-ku | 1 | 204 | Monthly use |

| Completed: | Name / Location / Client | Units | Total capacity | Usage |
|------------|--|-------|----------------|-----------------------|
| Jun 2012 | Minamisenri Station Public Community Facility Development Location: Suita-shi, Osaka, Japan Owner : Suita-shi | 3 | 612 | Monthly or Hourly Use |
| Mar 2013 | Mikawadai Park Mechanical Underground Bicycle Parking Development Project Location: Minato-ku, Tokyo, Japan Owner: Minato-ku | 1 | 204 | Monthly of hourly use |
| Sep 2014 | Mikawajima Station front square bicycle parking area Location: Arakawa-ku, Tokyo, Japan Owner: Arakawa-ku | 2 | 408 | Monthly of hourly use |
| Jan 2015 | Hachijoguchi West and Hachijoguchi East bicycle parking areas of the Kyoto Station Location: Kyoto-shi, Kyoto prefecture, Japan Owner: Kyoto city | 3 | 612 | Monthly use |

ECO Park

| Completed: | Name / Location / Client | Units | Total capacity | Usage |
|------------|---|-------|----------------|-----------------------|
| Dec 1994 | GIKEN LTD. Kochi Head Office Location : Kochi-shi, Kochi Prefecture, Japan Owner : GIKEN's privately owned | 1 | 50 | Registration system |
| Dec 2003 | Underground Car Parking System at Office Building Location : Minato-ku, Tokyo, Japan Owner : Private Company | 2 | 100 | Monthly or hourly use |



Media Coverage

| Broadcasted | Name of media | Programs |
|-------------|---------------|---------------------------------------|
| 02 Jan 1998 | TBS | JNN News |
| 14 Jul 1998 | TBS | Ohayo kujira |
| 16 Nov 2001 | NHK | Ohayo Nippon |
| 27 Feb 2003 | TV Tokyo | World Business Satellite |
| 24 Mar 2004 | Fuji TV | Super News |
| 17 Sep 2005 | TV Tokyo | Miracle C |
| 26 Nov 2005 | MBS | Shittoko! |
| 04 Oct 2007 | NTV | Zoom-in SUPER |
| 13 Apr 2008 | MBS | Kin-mirai x Yosoku TV |
| 19 Jun 2009 | NHK | World TV |
| 21 Jul 2009 | NHK | Ohayo Nippon |
| 30 Sep 2009 | TV Asahi | Super J Channel |
| 30 Mar 2010 | NHK | News Terrace Kansai |
| 01 Jul 2010 | MBS | MBS News |
| 24 Aug 2010 | Yomiuri TV | Asanama Wide ce matin! |
| 06 Nov 2010 | TOKYO MX | Culture Japan |
| 21 Sep 2012 | TBS | Totteoki Nippon |
| 16 Nov 2012 | TBS | Mino Monta no Asazuba! |
| 20 Nov 2012 | TBS | N Sta |
| 30 Dec 2012 | TV Osaka | Osaka Kaitai-Shinsho |
| 11 May 2013 | Fuji TV | Mezamashi Saturday |
| 20 May 2013 | TV Tokyo | World Business Satellite |
| 28 May 2013 | TV Asahi | Yajiuma TV |
| 28 May 2013 | TV Asahi | Morning Bird |
| 29 May 2013 | NHK | Asa-ichi |
| 14 Jun 2013 | NTV | news every. |
| 20 Jun 2013 | Fuji TV | Super News |
| 10 Jul 2013 | NHK | Dai! Tensai tv-kun |
| 19 Jul 2013 | J-WAVE | JK Radio Tokyo United |
| 30 Jul 2013 | BS-TBS | Sekiguchi Hiroshi no Kaze ni Fukarete |
| 04 Aug 2013 | Yomiuri TV | Osaka Honwaka TV |
| 24 Aug 2013 | TV GLOBO | ALTAS HORAS |
| 10 Oct 2013 | TV GLOBO | JORNAL NACIONAL |
| 17 Oct 2013 | NHK | Ohayo Kansai |
| 01 Nov 2013 | MBS | Chichin puipui |
| 10 Nov 2013 | NTV | School Kakumei |
| 11 Nov 2013 | NHK | Ohayo Nippon |

| | | |
|-------------|------------------|----------------------------|
| 16 Nov 2013 | BBC | Click |
| 07 Dec 2013 | Kochi sun sun TV | Hakken! Jimoto-mikusu |
| 01 Feb 2014 | RECORD | Jornal da record |
| 09 Feb 2014 | TV Shizuoka | Bobby no majisuge-! Nippon |
| 09 Feb 2014 | YTN (Korea) | GLOBAL KOREAN |
| 15 Apr 2014 | Fuji TV | Super News |
| 26 Apr 2014 | TOKYO MX | Dosuru? Tokyo |
| 13 May 2014 | NHK Radio | Radio Japan Focus |
| 31 May 2014 | NHK | Masakame TV |
| 11 Jun 2014 | TBS | I・am・Bouken-syonen |
| 10 Jan 2015 | TV Asahi | Ana wo nozoku TV |
| 11 Feb 2015 | Yomiuri TV | Kansai Jyoho-net ten |
| 11 Feb 2015 | Kansai TV | Super News Anchor |
| 11 Feb 2015 | KBS Kyoto | news face |
| 11 Feb 2015 | TV Osaka | Yukan 7 Channel |
| 23 Feb 2015 | ABC | Cast |



TV Tokyo [World Business Satellite]



NHK [Asa-ichi]



NHK [Dai! Tensai tv-kun]



Yomiuri TV [Osaka Honwaka TV]



TV Asahi [Morning Bird]



Fuji TV [Super News]



BS-TBS
[Sekiguchi Hiroshi no Kaze ni Fukarete]



Kansai TV [Super News Anchor]

Culture Aboveground & Function Underground

ECO Cycle
ECO Park

After installation

Transforming the City by Efficient Use of Underground SpaceP25
Fusion of Scenery and FunctionalityP27
Example of ECO Park Applications.....P29



Transforming the city by efficient use of underground space

Removing the parked bicycles and cars that clutter our streets to create space for amenities at ground level

ECO Cycle



Current situation



After Installation



Current situation



After Installation

ECO Park



Current situation



After Installation



Current situation



After Installation

Fusion of Scenery and Functionality

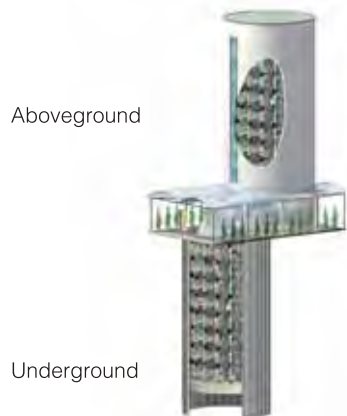
Fully demonstrates functionality suited to the installed location without spoiling the scenery

ECO Cycle

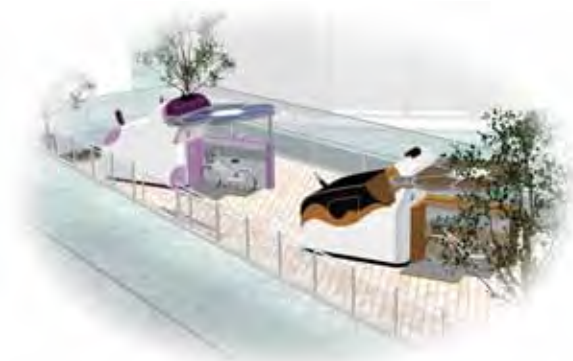
Enhances convenience by using the open space in front of stations and office buildings



High parking capacity is achieved in a small space by combining both underground and above ground types



The form of the entrance booths can be designed to suit the surrounding environment



ECO Park

Aesthetic landscapes or sightseeing spots such as national parks



Cultural facilities such as museums, theme parks and amusement parks



Examples of Eco Park Applications

Use Eco Park to create a neo-futuristic facility

ECO Park

Taxi ports in front of stations and at airports

The long cue of taxis in front of stations and at airports causes air pollution and spoils the scenery. Using the Eco Park as a taxi port allows efficient use of land and roads, as well as reduces unnecessary idling, and also enables moving just the number of cars when needed.



Government office buildings such as the Local Government Office or City Hall and hospitals

A great number of people go in and out of governmental offices such as the Local Government Office or the City Hall and hospitals daily, and it requires a few people to control the premises that are full with bicycles. By installing ECO Park, vehicles will no longer be seen in the premises and labour cost can be cut.



ECO Park

Auction Centre

Not only can it be used as a bicycle parking for visitors, bicycles to be displayed in an auction can be stored and quickly moved to the auction venue on the top floor.

