



- KEY:**
- Existing Trees retained
  - Proposed Shrub Planting
  - Existing Grass Verge
  - Proposed Grass Verge
  - Existing Bitmac
  - Proposed Bitmac
  - Proposed Resin Bound Gravel
  - Existing Paving
  - Proposed Paving
  - Proposed Resin Bound Gravel
  - Proposed Tegula Edging
  - Replace Existing Bollard with New
  - Proposed Bollard
  - Solar Lights
  - Play Equipment

**DESIGN HAZARDS**

(The following information has been collected from Preconstruction Information and the Amey CDM Hazard Management Process.)

- Adjacent footpath open to the public.

- NOTES**
- Work area to be enclosed with heras fencing.
  - Measurements are in metres and indicative only do not measure from drawing.

Rev	Rev details	Drwn	Chkd	Appd	Date

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Client  
**Trafford Council**

Project Name  
**Park Road Cycleway**

Drawing Title  
**Proposed Layout**

Original Drg Size : A3    Scale : 1:100  
Dimensions : -

Drawing Status  
**CONSULTATION**    Suitability  
S0

Drawing No  
**CO00201341-01**    Revision  
P01.1

**Function and Play value**

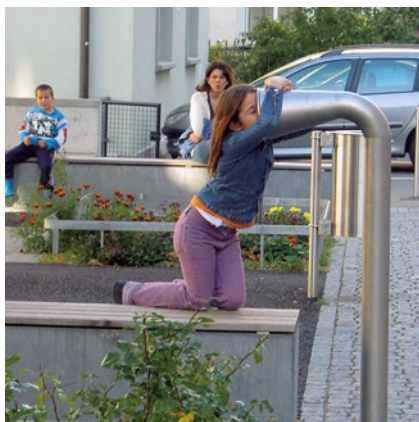
Sound behaves in similar ways to water which is why it can be directed through tubes as was done in old ship's telephones. Between two and four speaking/ listening stations can be installed and these are connected by underground pipes and a special sound distributor. It is possible to communicate over unusually long distances without the use of any electronic amplifiers.

**Suitable**

- for public playgrounds
- public institutions (i.e. kindergartens, daycare facilities for children, schools)
- parks
- therapy gardens (i.e. in institutions for people with special needs, rehab clinics, retirement homes)

**Barrier-free**

- independent play

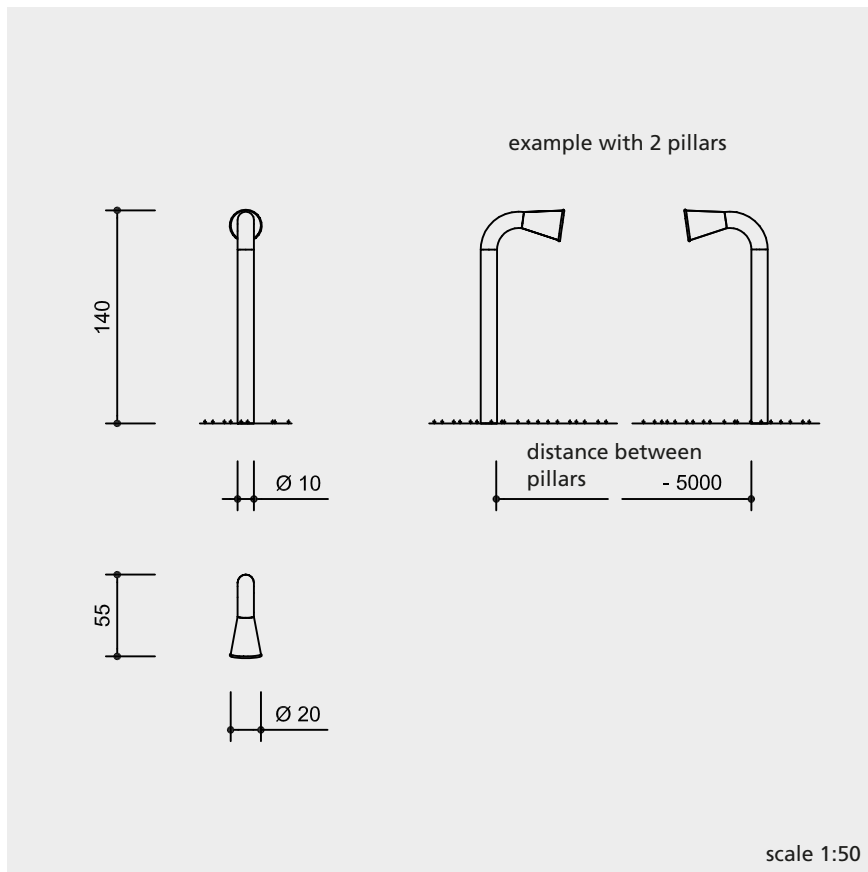


**Conference**  
*graubner* Play Stations for  
Developing the Senses

Acoustic effect	soft
Vandalism	not vulnerable
Supervision	not necessary
Explanation board	not necessary
Installation	indoors and outdoors
Safety check (EN 1176)	not necessary
Installation in concrete	not possible



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**Technical information**

pillar made of stainless steel

cone shaped opening with perforated sheet cover

**Dimensions**

(small deviations possible)

height	1.40 m
tube diameter	0.10 m
speech and listening tube depth	0.20 m
depth	0.55 m
weight	21 kg per pillar

**Components**

depending on the number ordered  
2 - 4 pillars with coupling

minimum number is 2 pillars

**On-site work**

supply and installation of the required underground pipes as well as the ducting for connecting materials according to our specifications

Explanation board on request

**Installation information**

Recommended space  
circle diameter 2.00 m per pillar

Foundations  
1 item 60 x 60 x 70 cm per pillar  
excavation depth 90 cm

**Attention!**

**Exact measurements may vary, for all installation dimensions refer to current installation instructions.**

Technical changes reserved.



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