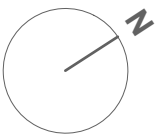


notes

Do not scale.
All dimensions to be checked on site and verified with the architect prior to construction.
Any discrepancies or uncertainties regarding this drawing to be discussed with the architect prior to construction.
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key



additional notes

- gap between new ramp and network rail boundary of approx 500mm
- Minimal design to handrailings to both sides of ramp 900mm above FFL of ramp



tender

revision	date	comment
T1	29.11.18	issued for comment
T2	20.12.18	issued for comment
T3	11.01.18	issued for tender

General Scope of works:
The intent of the proposal is to create a new ramped access to Bat and Ball Station from the Bat and Ball Community Centre.

Works will require the removal 6no. established trees as well as other vegetation and wire fences on concrete posts to the rear of the existing platform shelter on the Bat and Ball community centre site. This will require making up of ground level to engineers specification and disposal of materials offsite.

Careful removal of timber panelling to the rear of the existing shelter and further excavation is required to the ramp location, with new foundations and new ground made up to falls. Brick retaining walls to the each elevation.

New powder coated metal guard railings to be installed to ramp landings with handrails to ramp and stairs.

The scheme includes new lighting, CCTV and passive provision for future station infrastructure (ticket machines etc) as well as new gutters, surface water drainage and refurbishment of the existing shelter. Contractor to complete design as required to provide above.

Contractor to provide suitably sized soakaway for all new areas of hardstanding created by the proposals.

General remedial works to the existing shelter are required as well as the replacement of the existing timber canopy valance with boarding to match the original on the adjacent station building.

General making good and renovation of existing shelter structure -
All external timber to be cleaned and redecorated and repaired where required - subject to approval from SE/NR.

Remove remaining glazed panels to station shelter, repaint frames - subject to approval from SE/NR.

Repair damage to built in timber benches to shelter - subject to approval from SE/NR.

Existing bench and bin hoop to be removed and retained for future use

Ivy/vegetation to be cut back/ removed from rear of shelter building. Shiplap cladding to be cleaned, repainted to match existing and repaired where required.

Breaking out for new access ramp from Community Centre side of site -
Shiplap cladding and internal vertical timber boarding carefully cut to create new opening to expose existing timber shelter structure uprights.

New cast iron gutters and downpipes (alumasc cast iron herigate range) to rear of shelter painted to match new metal railings.

Ramp and landings -
New access ramp with bonded gravel topping laid to falls. Landing to falls in accordance with NR/SE code of practice so surface run off cannot track onto existing platform.

New 9" thick English bond brick retaining wall on concrete footing to engineers details.

New 1200mm high powder coated steel railings to ramp and landings to community centre side. Railings to rear of shelter side to maintain a level top height from 1200mm off platform landing.

20mm deep bonded gravel (sureset natural aggregate - size and colour tbc) finish to ramp.

Tarmac to be made good as required.

Bonded gravel to all areas highlighted.

Woodscape fixed round hardwood timber bollards at 1800mm centres along edge of carpark. Posts to be in concrete in accordance with manufacturers details.

Brick to retaining wall specification to match proposed centre building, assume Wienerberger Olde Southwester laid in english bond with brick on edge capping.

Railings -
Top of guard railings to be minimum 1200mm above FFL on platform landing - handrails to ramps to be 900mm and 600mm above FFL (to follow ramp fall)

Guard railings to be spaced max 99mm apart in 10mm painted galvanised steel with 10mm vertical top-rail to landing and land ownership boundary

Railing connection/ fixing details to be designed by contractor to match the design intent shown on Architect's drawings.

Contractor to provide fabrication drawings for railings to architect/CA for approval.

Lighting -
New lighting to shelter as per M&E engineers specification in accordance with NR/SE lighting requirements

New lighting columns to ramp/landings as indicated on engineers sketch - final locations tbc by architect

Service provision -
Passive provision for power/data to be brought to locations to be confirmed by NR/SE to allow future installation of ticket machine on community centre side of site.

CCTV locations tbc by SE/NR - conduit routes to be coordinated by architect

All new works to comply with Rail Industry Standard for Station Infrastructure (particularly sections 3.1 headroom on platforms, 3.3 platform canopies, 3.4 vertical cladding, 3.5 securing of lightweight structures, Section 4.1 entrances and exits, Part 10 risk assessments

RAMS to be submitted in accordance with SE/NR requirements

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project

bat and ball centre, sevenoaks

drawing

ramped link between existing car park and station platform
proposed

scale	date	
1:50@A1	September 2018	
job number	drawing number	revision
1115	0_201	t3