

The Futurist site, Scarborough

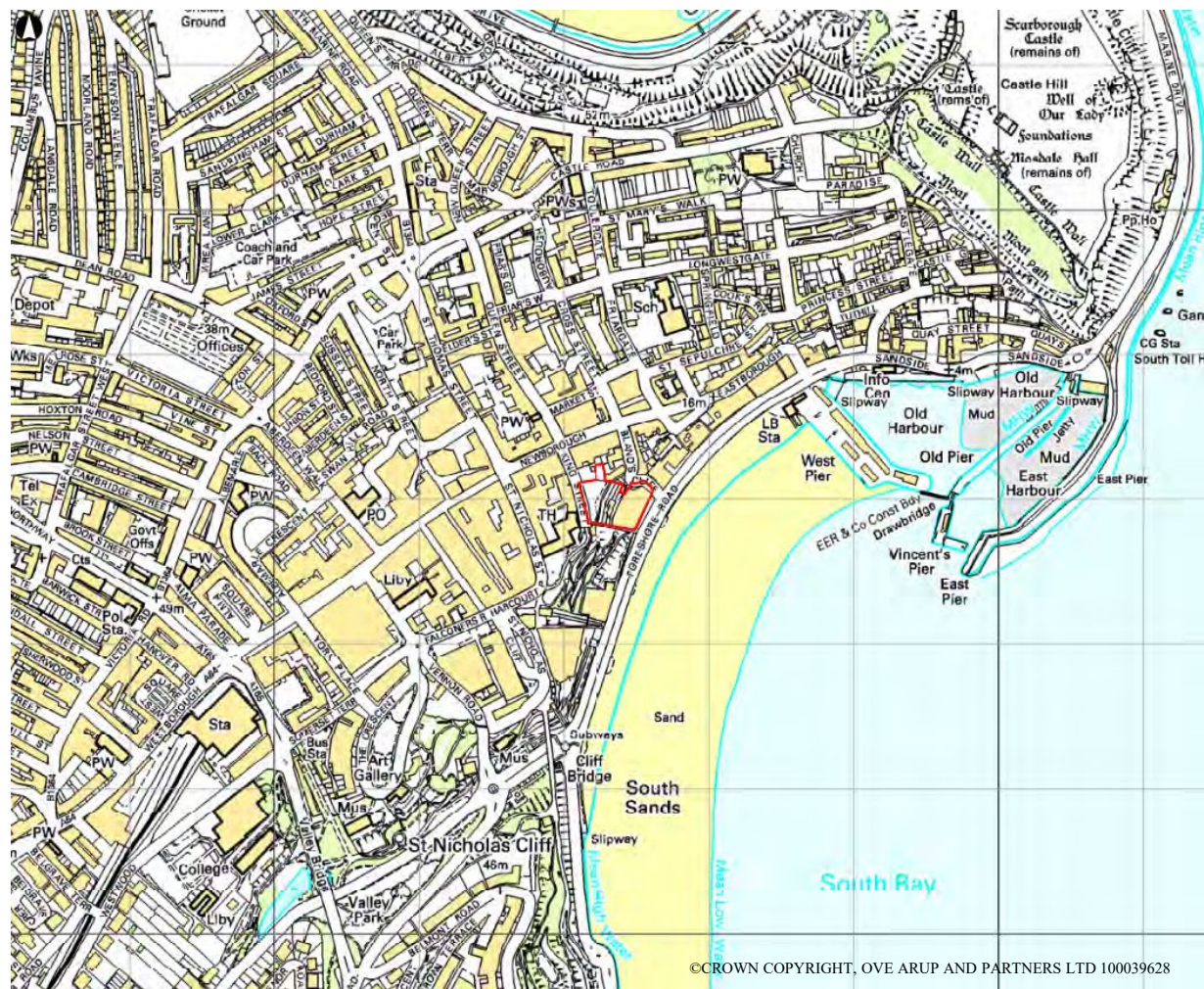
Application of DoWCoP

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September 2023

The Futurist site, Scarborough

Introduction



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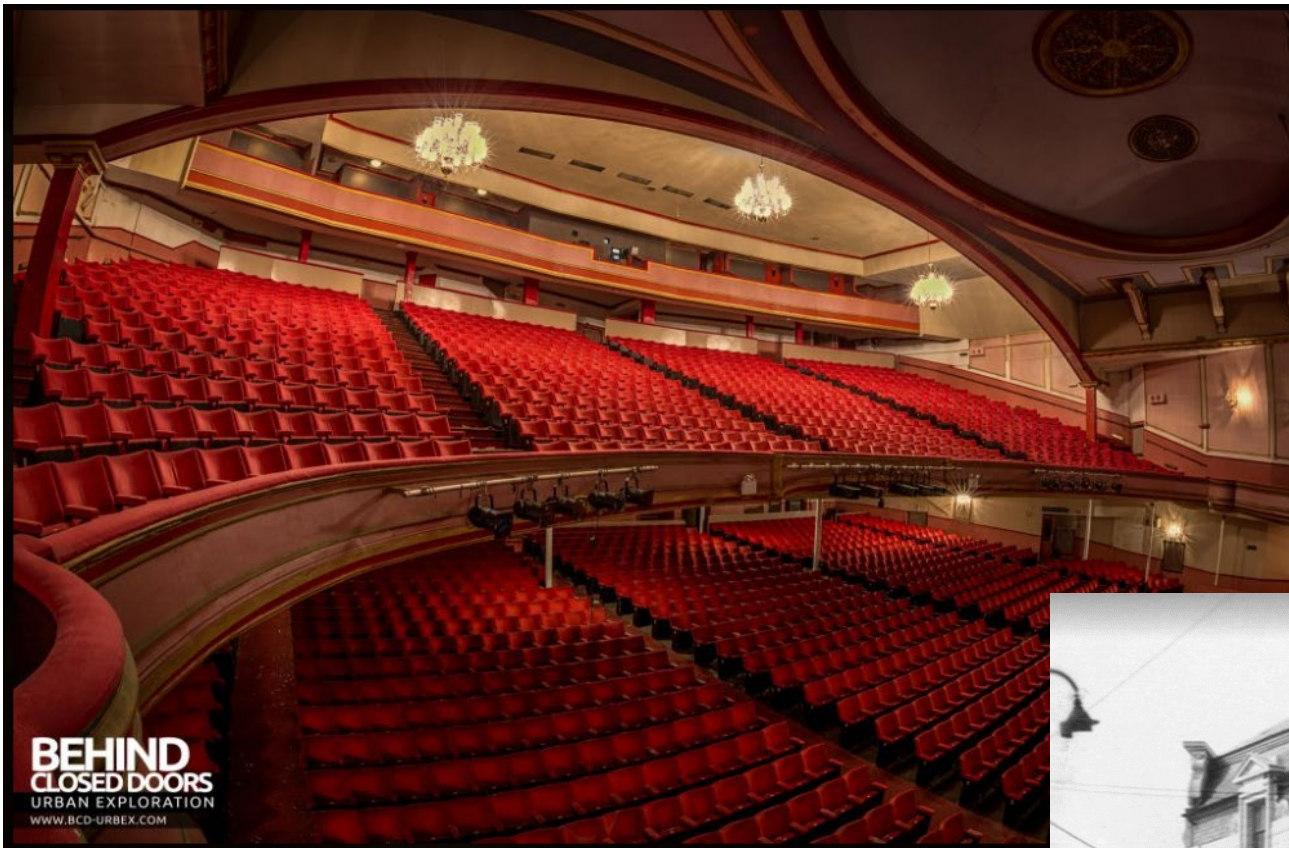
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The Futurist site, Scarborough

Scheme

- Demolish the Futurist cinema and clear the site
- Replace with stable slope and development platform
- Client: Scarborough Council
- Contractor: Willmott Dixon





BEHIND
CLOSED DOORS
URBAN EXPLORATION
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Futurist Cinema Scarborough.

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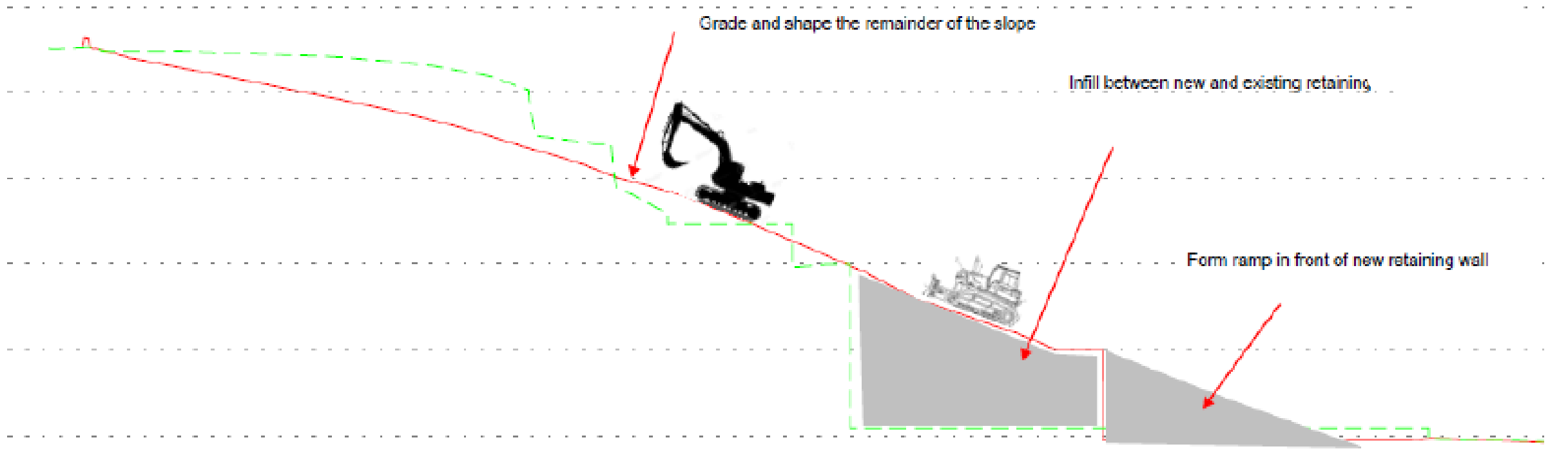


Image: Willmott Dixon



Cut from bottom of top terrace to back of car park





Phase 1

Phase 2



Phase 3

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Methodology

- Reduce weight at top of slope - reduce level dig at car park
- Add mass at toe - mass concrete infill in building
- Demolition - internal strip, asbestos roof removal, mechanical demolition
- Progressive processing of suitable material
- New 8m high retaining wall
- Backfill between new retaining wall and existing retaining walls

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Material management

- Tightly constrained site
- No space to stockpile
- Fill needed behind new retaining wall
- Temporarily stockpile material at nearby site

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-
- DoWCoP Scenario: Reuse on site of origin
 - DoWCoP Development Route: Contamination present or suspected => remediation strategy

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Key MMP documents

- Desk study including conceptual model
- Ground investigation
- Risk assessment and remediation strategy
- Earthworks specification
- Material movement narrative and schematic
- Planning consent
- EA and CLO approval
- Tracking system and contingency arrangements
- Verification plan

DoWCoP Four Factors

Protection of human health and the environment

Suitability for use without further treatment

Certainty of use

Quantity of material

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Implementation

Qualified Person declaration

Implemented in accordance with MMP

Verification Report – for DoWCoP Materials tracking spreadsheet

- Transfer notes and summary spreadsheet
- Stockpile layout plans
- Validation lab data of stockpiled material prior to re-use
- Site photos (reuse location and storage site)
- As built plans showing final levels
- Waste transfer notes for landfilled material





Willmott Dixon



Willmott Dixon



ARUP