



- PROPOSED CONSTRUCTION MATERIALS**
- ALL EXTERNAL WALLS CONSTRUCTED IN RECYCLED YELLOW BRICK WITH LIME MORTAR. THESE COMBINED MATERIALS ALLOW FOR EMBODIED CARBON MITIGATION AND FUTURE REUSE.
  - ALL WINDOWS AND DOORS - PRUSSIAN BLUE RENDERED ALUCLAD TIMBER TRIPLE GLAZED. THIS SPECIFICATION PROVIDES THE MOST PREFERABLE OPTION FOR EMBODIED CARBON MITIGATION. ALL PUBLIC ROAD FACING WINDOWS WILL HAVE PROTECTIVE SHUTTERS ASKIN TO THE EXISTING BUILDING.
  - 181 SOLAR PHOTOVOLTAIC PANELS FITTED TO THE FLAT ROOF, ALLOWING FOR CARBON NEUTRAL ENERGY OPERATION.
  - POTTING SHED, PLANT ROOM, LIFT AND STAIRWELL CLAD IN PRUSSIAN BLUE RENDERED LOW EMBODIED CARBON PRESSED METAL CLADDING.
  - FLAT ROOF MEMBRANE - SIKAPLAN SGK-15 SINGLE PLY PVC ADHERED WATERPROOF MEMBRANE MID-GRAY 7012.
  - FLAT ROOF OUTDOOR CLASSROOM FURNITURE AND STAINLESS STEEL HANDRAILS TO ARCHITECT'S DETAIL.
  - COURTYARD PAVING TO ARCHITECT'S DETAIL, RAIN GARDEN BIO-RETENTION TREES AND OTHER SOFT PLANTING TO BE SELECTED (MOUNTAIN ASH/BIRCH /MAPLE/ASH/WILLOW) IN CONJUNCTION WITH SDCC'S PARK'S DEPARTMENT.
  - ALL NEW RAINWATER GOODS - TO BE SQUARE PRUSSIAN BLUE RENDERED GUTTERS & DOWNPIPES.
  - ALL DOOR & WINDOW HEADS & CILLS WILL BE WHITE CEM III CEMENT.

# SCIENCE AND LANGUAGE CENTRE

Durkan Centre, Fortunestown Way, Jobstown, Dublin 24.

ISSUE PLANNING STAGE III 08 DRN #

Client: CITYWISE EDUCATION

Scale: 1/200

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