

SPECIFICATION OF WORKS

Proposed Elevational Treatment to frontage of Stowmarket Community Centre

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Contents

1.0 Drawings.....	2
2.0 Demolitions and Removals	2
3.0 Preparations and Excavations	2
4.0 Concrete	2
5.0 Brickwork/ Blockwork.....	3
6.0 Paving/ Steps	3
7.0 Handrails/ Steelwork Tubular Steel Powder Coated	3
8.0 Render/ Painting and Decorating	3
9.0 Electrics	4
10.0 Signage	4
11.0 Reinstatement Work.....	4



1.0 DRAWINGS		
1.1	KLH Drawings <ul style="list-style-type: none"> 4296-0100 Front Elevation, Side Elevation A and Part Site Layout – As Existing 4296-0101 Part Site Plan, Elevations A, B and Section 3.3 – As Proposed 4296-0102 Front elevation 1 – As Proposed 4296-0103-P02 Front elevation 2 – As Proposed 4296-0105-P02 Foundation/ R.C slab Layout 4296-0106-P01 Section 4.4 – As Proposed 4296-0107-P01 Site Access and Contractors Compound 4296-0200-P01 Demolition and Removals 	
1.2	Superstructures Drawings <ul style="list-style-type: none"> SS19168-100 – P02 Entrance Area Foundations SS19168-101 – P02 Full Section View and Details (1 of 2) SS19168/102 – P02 Full Section View and Details (2 of 2) 	
2.0 DEMOLITIONS AND REMOVALS		
2.1	Refer to Drawing No. 4296-0107-P01	
2.2	Disconnect gas supply and remove existing gas pipe. Set aside for re-fixing in new position following rendering of wall.	
2.3	Temporarily remove gas box and set aside for repositioning following rendering of wall.	
2.4	Remove 2 no. windows from front elevation	
2.5	Remove extract fan from front elevation	
2.6	Remove all signage from front elevation.	
2.7	Disconnect electric supply and temporarily remove metre box and supply.	
2.8	Remove metal handrail and gate from plinth wall around basement stair. Set aside gate for possible re-use.	
2.9	Remove metal handrail from side of entrance door. Make good brickwork.	
2.10	Disconnect power supplies and remove security cameras, light fittings and alarm panels and all associated cabling etc.	
2.11	Remove plant holder bracket from front elevation	
2.12	Disconnect power supplies and remove security camera and light fitting and all associated cabling etc from side elevation.	
2.13	Temporarily remove rainwater pipe and hopper from end wall and set-aside for re-positioning.	
3.0 PREPARATIONS AND EXCAVATIONS		
	Refer to drawing Nos: 4296-0101-P03, 4296-0102-P03 & 4296-0105-P02	
3.1	Allow for breaking out Tarmac area of approximately 9.5m ² to allow for construction of new ramped footway	
3.2	Excavate for new stepped concrete foundation to new retaining wall and canopy part to a width of approximately 600mm for wall and depth of 500mm approximately. Where wall returns, toe to be thickened to 1000mm width and to a depth of 950mm to accommodate support post of canopy roof.	
3.3	Actual foundation depths to be confirmed by Structural Engineer.	
3.4	Ensure the locations of all services and cabling in footway are identified prior to excavations.	
4.0 CONCRETE		
4.1	Allow for pouring concrete foundations in accordance with CP8004 and BS8110. Actual concrete mix to be as structural Engineers Details.	
4.2	Allow for installation of 150mm thick reinforced concrete canopy over stairwell. Slab to be approximately 1100mm wide x 1900mm long and be as Structural engineers design.	
4.3	Allow for formation of additional concrete step to raise landing level at top of basement stair by 190mm in concrete with smooth finish to an area of 1.9m ² . top step to have white painted edge strip.	



5.0 BRICKWORK/ BLOCKWORK		
5.1	Construct 215mm concrete blockwork wall around basement stair off existing plinth. Wall to be approximately 4840 long and return around stairwell to building wall 1300. Wall to be built to a height of approximately 1235mm double bullnosed engineering brick coping	
5.2	Construct new ramp retaining wall in 215mm concrete foundation to same height as stair wall in 7.1 length of wall to be approximately 5535mm with 975mm return to retain steps. Wall to be capped with double bullnosed engineering brick copings as wall in 7.1 above.	
5.3	Allow for blocking up openings where windows and extract fan have been removed in front wall.	
5.4	Construct new 340mm wide concrete blockwork dwarf wall off existing concrete. Steps to a height of approximately G30mm of bottom step.	
6.0 PAVING/ STEPS		
6.1	Form 1 in 22 ramp in 400 x 400 x 40mm concrete flag paviours on 10mm in-situ concrete onsite slab on consolidated hardcore bed in layers not exceeding 150mm on compacted ground. Paviours to be Mayfair Flags by Tobermore.	
6.2	Form landing area in 400 x 400 x 40mm Mayfair concrete flags on 10mm mortar bed on 100mm thick in-situ concrete slab on consolidated hardcore in layers not exceeding 150mm and existing steps. Form ramped area from landing to door threshold over 22mm fall.	
6.3	Provide 2 rows of 400 x 400 x 40mm natural hazard warning tactile flags (8 slabs) at top of landing	
6.4	Form steps in 400 x 400 x 40mm Mayfair step flags with delineation strip with 400 x 170 x 40mm Mayfair step risers to match.	
6.5	Paving from entrance gate formed in 400 x 400 x 40mm Mayfair Flag paviours on 25mm coarse sand bed on 100mm consolidated hardcore on compacted ground. Include 2 rows of 400 x 400 x 40mm natural hazard warning tactile flags (8 slabs).	
7.0 HANDRAILS/ STEELWORK TUBULAR STEEL POWDER COATED		
7.1	Provide 40mm diameter V toprail and midrail (1100mm long) between building wall and retaining wall to basement stair off new concrete canopy. Rails fixed to walls with tube clamp wall connectors.	
7.2	Fix 40mm diameter tubular steel powder coated handrails on new retaining walls on each side of ramp with wall brackets. Handrails to be positioned minimum of 900mm above ramp surface.	
7.3	Provide 40mm diameter tubular steel powder coated handrail to either side of entrance door. Rails to be fixed to walls with tube clamp wall connector and where build off paviours, hole to be drilled through flag paviours and post set in concrete slab.	
7.4	Provide 40mm diameter tubular steel handrail to corner of steel handrail to corner of steps. Posts to be cast in concrete slab through holes in paviours. Handrails to be positioned minimum 900mm above pitch line of stairs.	
8.0 RENDER/ PAINTING AND DECORATING		
8.1	To walls shown on plan (Drawing No. 4496/0101) apply render finish to BS CP 5262 1991 "code of Practice for External Rendering" on brickwork. Form bold drips at plinths, window heads and door heads. Apply 2 coats of exterior masonry paint. Colour to be decided.	
8.2	To all new blockwork retaining walls apply render finish to BS CP 5262 up to brick copings. Apply 2 coats of exterior Masonry paint. Colour to be decided.	
8.3	Where windows and extract openings are blocked up apply 12.5mm render and set finish internally keyed into existing plaster. Re-decorate with mist coat and 2 coats emulsion, colour to match existing.	



9.0 ELECTRICS

9.1	Allow for repositioning extract fan in new opening in external wall and make good finishes/ decorate around opening. Test and commission fan.	
9.2	All new electrical installation to be as contract design and to include; <ul style="list-style-type: none">i. Installation of LED lights recessed into retaining walls to illuminate ramp as shown on drawing No. 4296-0103 and plan drawing No. 4296-0101ii. Installation of LED lights recessed into step risers as shown on drawing no. 4296-0102 and plan drawing no. 4296-0101iii. Installation of new external light fittings in porch to each side of main entrance door.iv. Repositioning of electric metre box and supply to side wall of porch.v. Repositioning of security camera to front wall and re-connection of power supplyvi. Reinstatement of security camera and light fittings to side elevation and reinstatement of power supply.	

10.0 SIGNAGE

10.1	New sign to be formed in 300mm stainless steel built-up letters at 300mm in height with 40mm return with Halo illumination. Crest to be approximately 750x900mm formed in metalwork.	
10.2	Sign can be supplied and fitted by Hudson Signs if required. See quotation no. 76279.	

11.0 REINSTATEMENT WORK

11.1	Allow for backfilling and reinstatement of Tarmac surfacing where excavated for foundation.	
11.2	Allow for reinstatement and making good all Tarmac surfacing where cut back for installation of concrete flags	
11.3	Re-fix rainwater pipe and hopper to side wall following render.	
11.4	Re-fix waste pipe connections through external wall into back inlet gully to side wall	
11.5	Re-fix gas metre box to side wall to conceal gas pipe and waste pipe wall penetrations	