Install all wastes as noted on the drawing and in accordance with the specification and building regulation requirements.

The contractor is to ensure that the existing altered pipework is taken back to the nearest 'Tee' to ensure there are no dead legs.

Water Supply

Ensure that the water supply to the property is adequate for satisfactory working of the shower unit in accordance with the manufacturers requirements. If existing water pressure is insufficient include for renewing the water main within the curtilage of the property and arrange a new connection with the appropriate water authority. Cut back and cap off any redundant branch supplies. Make good and reinstate all areas disturbed by the works to match existing.

14. ELECTRICAL WORKS:

Supply fix and wire up the following in accordance with the manufacturers instructions and B.S.7671 All as specified in STANDARD DRAWING 001.

Note to contractor: If you require a copy of standard drawing 001 contact DCC.

a) New boiler to be wired from new 13amp supply from fuse board and commence with a 5amp fuse switched spur.

b) Electric shower unit - MIRA ADVANCE ATL FLEX 9.0kw thermostatic shower unit. Temperature setting of the unit to be adjusted to 41 deg.C.Allow for dedicated feed PCB 10mm wire run cable. Provide with the unit an extended handspray, hose and extended riser rail. A Mira, **DCV-H**, double check valve must be installed to the **OUTLET SIDE** due to an extended hose being fitted. The shower units are to be provided complete with soap dish. NOTE. Shower unit to be mounted 900mm to underside from tray level. **A MIRA/H double check valve must be fitted** to the outlet side of the shower unit when extended hose & rail are fitted. Include for providing and fitting new 45amp pull cord switch in the position indicated.

c) Low voltage extract fan in the position indicated with switch control/fuse spur - Vent Axia VA100SVXT12 (Shutter/Timer); As standard existing extract, but with timer; for ducting up to 2.5 meters length only; Ref: 258410D (IPX7) wire to light switch & 15 min overrun.

All to be fitted as applicable with; wall kit Ref: 254102 for white or 254100 for brown and external wind baffle; Ref: 452094 for white or 452095 for brown.

Extractor fan to be fitted as high as practicable and preferable less than 400mm below the ceiling line.

d) New sheathed light fitting in shower room and switch.

e) Sockets in bedroom and light switches

f) Domed light fitting in bedroom

g) 1No. smoke alarm to bedroom.

h) 1No. Interconnected, mains operated heat detector (with battery back up) to kitchen.

All new cables are to be recessed into plaster and protected as necessary. Wall to be replasted and decorated.

All electrical work to be carried out by a Competent Electrician with NICEIC membership who will provide Part P (Electrical Safety) certification to comply with Building Regulations and with the latest IEE regulations.

Install electrical installation and connect to existing electrical supply all in accordance with the standard specification & B.S. 7671.

Test certificates on all installed items to be provided on completion.

The contractor is to ascertain the condition of the existing electric service / wiring and is to allow for any upgrading necessary to undertake the works required within the tender figure including upgrading the earthing to current standards.

Contractor shall obtain from the electric supply authority a PME terminal if one is not already fitted and the existing electric bonding shall be improved to PME standard.

Provided that new circuits are separated from the existing circuits, they can be connected to a common consumer unit. If the consumer unit has no spare ways then it is to be changed for a larger unit, but in both cases the earthing installation is to be brought up to current standards.

The condition of existing circuits should be recorded on the periodic inspection form.

Lights and switches as standard specification and \ or as shown on layout.

Confirm location of above with Client prior to installation, otherwise allow for; Socket outlets and light switch - in positions shown. Height of light switches not to exceed 1200mm above floor level. Height of sockets/phone points/TV aerials to be not less than 450mm above floor level.

Fittings:

Install electrical installation and connect to existing electrical supply, all in accordance with the standard specification. The contractor is to ascertain the condition of the existing electric service / wiring and is to include in the tender figure the provision of a R.C.D. unit to the shower and up-grading the earthing to current standards. Provide dedicated supply to shower with 10mm wire run.

Light fittings to be used in shower room to be TAMLITE TORNADO BULKHEAD (1 x 38W 2D) bulbs, WHITE (code TOR 382DL) available from City Electrical Factors.

Bedroom domed light to be fitted with energy efficient bulbs.

15. TILED WALL FINISHES.

Supply and fix 150mmx150mm white glazed tiling on waterproof tile adhesive to proposed shower area, full height, to head & reveals in shower area and two rows over W.H.B. Provide and fix plastic trim to all exposed edges and around window reveals etc.

Provide silicone seal to all corners, around shower tray, around basin and all abutments with windows, shower screens etc. colour white. WHITE ONLY TILES FUNDED BY GRANT, discuss additional cost with client if alternative tiles required.

16. FLOOR FINISHES - Grant to cover shower room only

Supply and lay (colour to clients choice) non-slip vinyl flooring as specified in STANDARD NOTES in accordance with the manufacturers instructions, all joints to be thermo-welded. Seal around junctions of W.C. and walls with clear silicone seal and provide aluminium threshold strips at junction with existing finishes. Contractor to supply and install Altro 38R coved former with a C8 Cap Tile Start strip to provider starter profile for tiling above coved skirting. Prepare existing floor as follows:

Install :

Floor Finishes

A**LTR**O A**QU**A**RIUS** vinyl sheet safety flooring.

To be adhered in altrofix A19 adhesive. All joints to be hot welded with matching Welding rod. All protrusions through flooring to be sealed using Altromastic 100 in matching Colour.

D.**P**.**M**.

Where moisture content of screed or slab exceeds 75% RH install one coat of Altroproof solo dpm. (up to 95% RH) Two coates of Altroproof Duo to be installed (up to 97% RH)

17. DECORATIONS:

- Decorate all new areas of the works both internally and externally and all disturbed areas as specified in the specification of works and as noted on the drawings.
- To disturbed internal walls: Make good wall, smooth and level, supply and hang heavy duty lining paper and apply 2 coats of emulsion.
- To disturbed ceiling: Make good and apply 1 undercoat, 2 coats of white emulsion.
- To woodwork internal and external: Sand and fill as necessary to obtain a smooth finish, 1 primer,1 undercoat and 1 gloss topcoat.
- To new plastered walls apply 1 undercoat 2 coats vinyl silk Emulsion Paint.

18. COMPLETION:

Made good and re-instate existing areas that have been disturbed by building works and drainage excavations, in materials to match existing \ original.

Clear all rubbish away from site. Clean down upon completion of the works and check all appliances for correct operation. Instruct Client(s) in the use of all equipment fitted and hand over all relevant documents.

The Contractor is to allow for all items of work necessary for the proper execution of the works whether specifically mentioned in detail or not.

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Classification

CONTROLLED

Do not scale

Use only written dimensions. All dimensions must be verified prior to the works being put into hand and any discrepancies reported to the originator

Statutory & Regulatory Approvals

Building Regulations Completion Certificate	Yes
Electrical Test Certificate (NIC/EIC or similar)	Yes
Part P Electrical Certificate	Yes
Gas Safe Installation Certificate	No
FENSA Certificate	Yes

NB: Following practical completion failure to supply DCC with the correct certificates will delay final payments.

Rev.	Details of Revision	Date	Initial
A	New roof and drain spec	13/10/17	JPL

Derbyshire County Council
Corporate Property
Director of Property:-
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Partner Details

Project
Liam Palfreyman
3 Spruce Rise
Killamarsh
S21 1GQ

UPRN Number

Drawing Number: 903114-WD-08-RevA
Revision: A

Title
Garage Conversion
SPECIFICATION
2/2

Scale	Drawn	Checked
	JPL	
Original Size	**Date**	**Date**
A3	5/7/17	

Status: Building Regulations