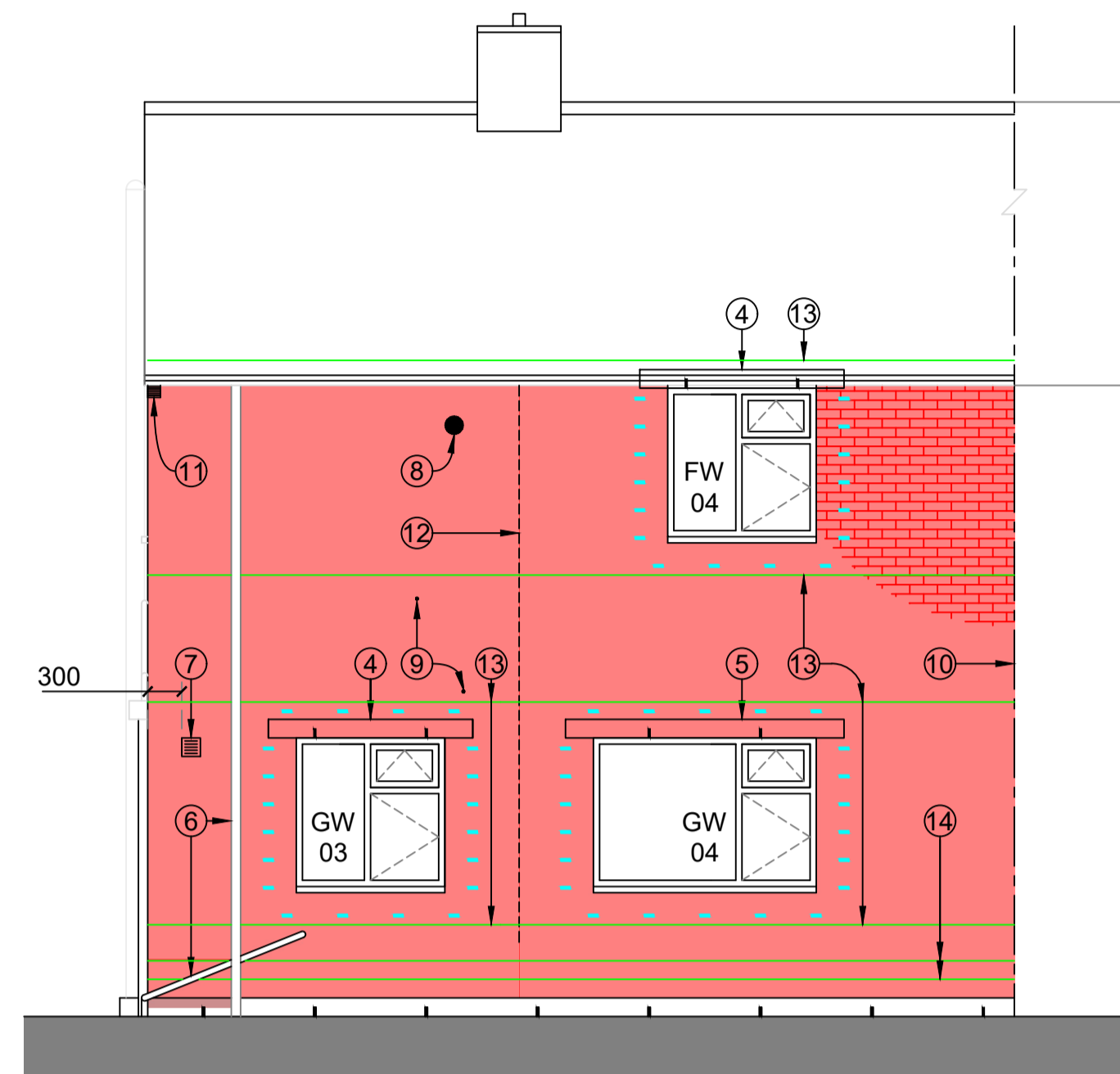


PROPOSED NORTH - EAST ELEVATION SCALE 1:50



PROPOSED NORTH - WEST ELEVATION SCALE 1:50

KEY

- ① CUT TOOTH BOND THE NEW BLOCKWORK TO THE INNER LEAF AND THE NEW BRICKWORK TO THE OUTER LEAF OF THE EXISTING WALL.
- FOR THE BOTTOM 2 COURSES ABOVE THE LEVEL OF THE RAFT SLAB (i.e. UP TO DPC LEVEL), CONSTRUCT THE OUTER LEAF USING BRICKS WHICH ARE THE EQUIVALENT OF A CLASS B ENGINEERING BRICK, OF A COLOUR TO MATCH THE EXISTING. INCLUDE WEEP HOLES AT 900mm MAX. CENTRES, IN THE BOTTOM COURSE OF BRICKWORK.
- NEW FACING BRICKWORK. ABOVE DPC LEVEL, THE NEW BRICKWORK AND MORTAR IS TO MATCH THE EXISTING FACING BRICKS AND MORTAR. WITH NEW LINTELS. ALSO INSTALL CAVITY TRAYS ABOVE OPENINGS. USE 250mm LONG ANCON SDS WALL TIES, WITH DRIP POSITIONED IN THE AIR GAP, INSTALLED AT 900mm HORIZONTAL CENTRES AND 450mm VERTICAL STAGGERED CENTRES.
- ALSO USE THE WALL TIES AT 225mm HORIZONTALLY TO THE SIDES OF REVEALS, AT 225mm VERTICAL CENTRES AND AT 225mm ABOVE OPENINGS (AND BELOW WINDOWS) AT 450mm HORIZONTAL CENTRES.
- ② 1350mm LONG ANCON SH70 STAINLESS STEEL LINTEL, OR EQUIVALENT, WITH CAVITY TRAY ABOVE. LINTEL TO HAVE EQUAL BEARINGS AT BOTH ENDS.
- ③-⑤ RE-USE THE EXISTING UPVC FRAMED DOUBLE GLAZED WINDOWS AND SILLS, INSTALLED TO THE SAME LEVELS AS WITHIN THE EXISTING OPENINGS. WHEN THE EXISTING UPVC FRAMES ARE REMOVED, ONLY IF IT IS FOUND THAT THEY WERE FIXED INTO THE UNDERSIDES OF THE EXISTING LINTELS, THEN FOR THE REBUILDING OF THE WALLS, THE 'SCHEME B' LINTELS AND CAVITY CLOSER DETAILS MUST BE USED, FOR THE WINDOW OPENINGS. IF THE WINDOWS NEED TO BE REPLACED, THEY ARE ONLY TO BE END FIXED.
- ③-⑤ 'SCHEME A' LINTELS (ALL, TO HAVE EQUAL BEARINGS AT BOTH ENDS): (INCLUDE WEEP HOLES AT 900mm MAX CENTRES, IN THE COURSE OF BRICKWORK ABOVE THE OPENING)
- ③ 900mm LONG ANCON SH70 STAINLESS STEEL LINTEL, OR EQUIVALENT.
- ④ 1650mm LONG ANCON SH70 STAINLESS STEEL LINTEL, OR EQUIVALENT.
- ⑤ 2250mm LONG ANCON SH70 STAINLESS STEEL LINTEL, OR EQUIVALENT.

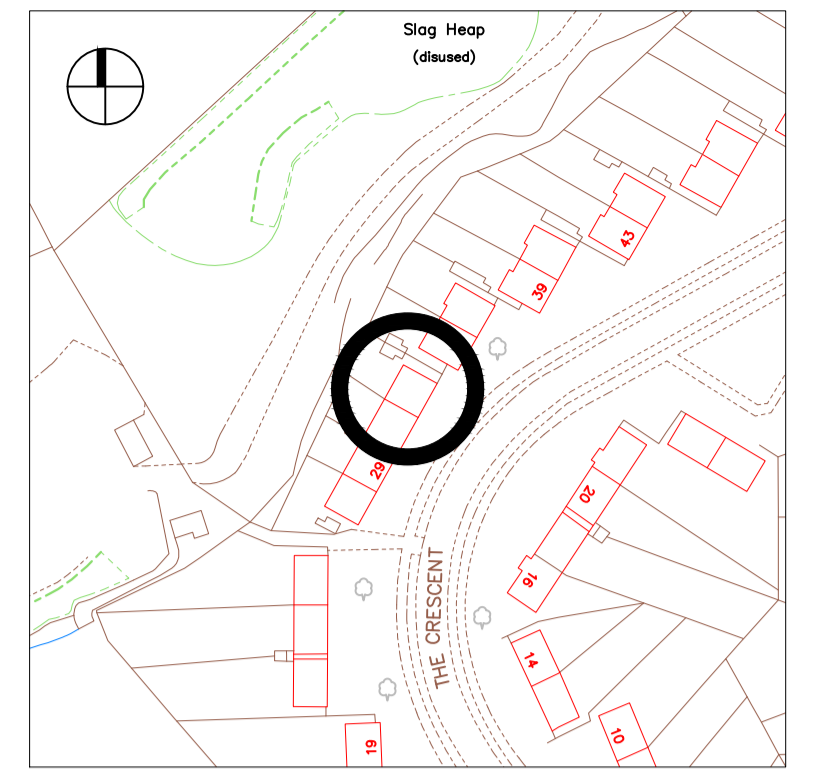
- ③-⑤ 'SCHEME B' LINTELS (ALL, TO HAVE EQUAL BEARINGS AT BOTH ENDS): (USE A HEAD SECTION CAVITY CLOSER BETWEEN THE TWO LINTELS AND INCLUDE WEEP HOLES AT 900mm MAX CENTRES, IN THE COURSE OF PISTOL BRICKS ABOVE THE OPENING)
- ③ INNER LEAF: 900mm LONG NAYLOR ER7 P.C. LINTEL, OR EQUIVALENT. OUTER LEAF: 900mm LONG 150x90x10 UA, GALVANISED + BITUMEN.
- ④ INNER LEAF: 1800mm LONG NAYLOR ER7 P.C. LINTEL, OR EQUIVALENT. OUTER LEAF: 1650mm LONG 150x90x10 UA, GALVANISED + BITUMEN.
- ⑤ INNER LEAF 2400mm LONG NAYLOR ER7 P.C. LINTEL, OR EQUIVALENT. OUTER LEAF: 2250mm LONG 150x90x10 UA, GALVANISED + BITUMEN.
- ⑥ RE-FIX THE RAINWATER DOWN PIPES, KITCHEN, WHB AND BATH WASTE WATER PIPES, HOPPER AND SOIL STACK IN THEIR ORIGINAL LOCATIONS
- ⑦ 150mm SQUARE HOLE IN THE CAVITY WALL FOR THE EXTERNAL LOUVRE FOR THE ELECTRICALLY OPERATED AXIAL FAN, A LO-CARBON VA-150 BY VENT-AXIA, OR EQUIVALENT
- ⑧ DRILL A 150mm DIAMETER HOLE IN THE CAVITY WALL AND INSTALL THE BOILER FLUE EXHAUST
- ⑨ DRILL THE CAVITY WALL AND INSTALL THE BOILER OVERFLOW PIPES
- ⑩ FULL - HEIGHT VERTICAL BRICKWORK MOVEMENT JOINT
- ⑪ AT THE TOP OF THE NORTH - EAST CORNER, RE-USE THE CORBEL, MADE FROM CLAY TILES.
- ⑫ VERTICAL BLOCKWORK MOVEMENT JOINT, TO 450mm ABOVE DPC.
- ⑬ ANCON AMR/S/D5.0/W60 STAINLESS STEEL BED JOINT REINFORCEMENT TO BOTH LEAVES, LEVEL WITH THE FIRST BLOCK BED JOINT ABOVE / BELOW OPENINGS. ABOVE FW 04, JUST USE IN THE OUTER LEAF.
- ⑭ STAINLESS STEEL BED JOINT REINFORCEMENT TO BOTH LEAVES (SHOWN INDICATIVELY), TO THE DESIGN OF THE PILING CONTRACTOR

NOTES ON THE WORKS

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S, STRUCTURAL ENGINEER'S AND BUILDING SERVICE ENGINEER'S DRAWINGS AND SPECIFICATIONS, THE HEALTH AND SAFETY PLAN AND RISK ASSESSMENTS. DO NOT SCALE.
2. WHERE NAMED PRODUCTS ARE MENTIONED, THE CONTRACTOR MAY SUBMIT PROPOSALS FOR EQUIVALENT PRODUCTS TO THE CBC STRUCTURAL ENGINEER.
3. TRACE THE SERVICES BEFORE WORK STARTS. WHERE OPENING UP WORKS HAD NOT BEEN CARRIED OUT PRIOR TO THE WORKS COMMENCING ON SITE AND THE EXACT FORM OF THE EXISTING CONSTRUCTION WAS NOT KNOWN, ASSUMPTIONS WERE MADE. IF THE EXISTING STRUCTURE IS FOUND TO BE AT VARIANCE FROM WHAT WAS ASSUMED, THE WORKS ARE TO BE TEMPORARILY MADE SAFE THEN MUST NOT PROGRESS UNTIL THE CBC STRUCTURAL ENGINEER HAS VISITED SITE AND PROVIDED DIRECTION AS HOW TO PROCEED.
4. THE SITE CONTAINS AN EXISTING STRUCTURE AND IT CAN BE EXPECTED THAT THE WALLS ARE NEITHER PLUMB NOR PERFECTLY STRAIGHT.
5. 'C.O.S.' MEANS 'TO BE CHECKED ON SITE'.
6. DIMENSIONS
7. SITE MEASUREMENTS. ALL EXISTING DIMENSIONS ARE TO BE CHECKED AND RECORDED ON SITE BY THE CONTRACTOR, PRIOR TO THE PARTIAL DEMOLITION. ANY DISCREPANCIES WITH THE CONTRACT DRAWINGS ARE TO BE REPORTED TO THE CLIENT'S AGENT.
8. RE-USE. IT IS THE INTENTION THAT THE EXISTING DOOR AND WINDOWS ARE TO BE CAREFULLY REMOVED, STORED AND THEN RE-USED ON SITE, THEREFORE THE WIDTHS OF THE NEW OPENINGS ARE TO MATCH THOSE OF THE EXISTING OPENINGS.
9. REPLACEMENTS. WHEN THE DOOR AND WINDOWS ARE REMOVED, IF THEY ARE FOUND TO BE DAMAGED, AN ALLOWANCE SHOULD BE MADE FOR REPLACING THEM WITH PRODUCTS WHICH MEET THE CURRENT BRITISH STANDARDS.
10. WINDOWS SHOULD COMPLY WITH BS7412:2007.
11. OPENING GROUND FLOOR WINDOWS SHOULD HAVE LOCKS WHICH COMPLY WITH BS3621.

GENERAL NOTES (MASONRY)

1. ALL DESIGNS, MATERIALS, ELEMENTS, INSTALLATION AND CONSTRUCTION SHALL COMPLY WITH RELEVANT AND THE LATEST EDITION OF EUROCODES, BRITISH STANDARDS, CODES OF PRACTICE, BUILDING REGULATIONS, THE EMPLOYER'S REQUIREMENTS AND SPECIFICATION. ANY DISCREPANCIES BETWEEN THESE REQUIREMENTS ARE TO BE BROUGHT TO THE ATTENTION OF THE CONTRACT ADMINISTRATOR.
2. MASONRY SPECIFICATION (TO BS EN 1996)
 - BLOCKWORK INNER LEAF SPECIFICATION
 - AGGREGATE CONCRETE GROUP 1
 - MEAN COMPRESSIVE STRENGTH OF MASONRY UNIT (TO BS EN 771-3) 7.3N/mm²
 - MINIMUM DRY DENSITY OF UNITS 2000kg/m³
 - MORTAR COMPRESSIVE STRENGTH M4
 - CLASS OF MANUFACTURING CONTROL CAT II
 - CLASS OF EXECUTION CONTROL CLASS 2
3. INDIVIDUAL WEIGHTS OF MASONRY UNITS SHALL NOT EXCEED A WEIGHT THAT CAN BE SAFELY HANDLED AND IN NO CIRCUMSTANCE SHOULD THIS EXCEED 20KG.
4. BRICKWORK SPECIFICATION
 - BRICKS TO BE CLAY MASONRY UNITS, TO COMPLY WITH BS EN 771-1
 - MEAN COMPRESSIVE STRENGTH OF MASONRY UNIT > 30N/mm²
 - MORTAR COMPRESSIVE STRENGTH - BELOW DPC M6
 - ABOVE DPC M4
 - FACING BRICKS MANUFACTURER AND COLOUR TO BE SPECIFIED BY ARCHITECT, TO SUIT PLANNING CONDITIONS. COLOUR AND TEXTURE TO MATCH EXISTING.
 - TYPE HD
 - FREEZE THAW RESISTANCE F2
 - ACTIVE SOLUBLE SALT CONTENT S1 OR S2
 - WATER ABSORPTION 7% to 12%
 - BRICKS BELOW DPC
 - TYPE HD
 - FREEZE THAW RESISTANCE F2
 - ACTIVE SOLUBLE SALT CONTENT S1 OR S2
 - WATER ABSORPTION <7%
5. MORTAR ABOVE DPC IS TO BE GRADE M3/(III). BELOW DPC LEVEL, A GRADE M6/(II) MORTAR SHOULD BE ADOPTED AND BE SULPHATE RESISTANT. CEMENT IS TO BE ORDINARY PORTLAND CEMENT (CEM1) TO BS EN 206, OR MASONRY CEMENT TO BS EN 413-1, CLASS MC OR BS EN 197-1, CEM1.
6. THE USE OF READY-MIXED RETARDED CEMENT : LIME : SAND MIXES WILL NOT BE PERMITTED. THE USE OF ADDITIVES WILL NOT BE PERMITTED.
7. BED AND PERPEND JOINTS ARE TO BE FULLY FILLED WITH MORTAR, AS THE WALL IS CONSTRUCTED.
8. WALL TIES ARE TO BE AS SPECIFIED BELOW OR AS SHOWN ON SPECIFIC DETAILS OR SIMILAR APPROVED BY THE STRUCTURAL ENGINEER.
 - A) WALL TIES BETWEEN BRICKWORK AND MASONRY LEAVES ARE TO BE ANCON TYPE SDS, 250mm LONG (SUITABLE FOR A 75mm CAVITY).
 - B) WHERE BED JOINTS IN THE INNER AND OUTER LEAVES ARE NOT AT THE SAME LEVEL, PROVIDE ANCON FASTRACK CHANNELS BUILT INTO THE INNER BLOCKWORK LEAF, READY TO TAKE AN ANCON SD28 x 150mm LONG TIE.
9. THE LENGTH OF THE WALL TIES SHOULD BE SUFFICIENT TO GIVE A DEPTH OF EMBEDMENT OF AT LEAST 62.5mm (FOR A TIE PLACED CENTRALLY IN A WALL OF THE MAXIMUM THICKNESS, DESIGNATED FOR A PARTICULAR TIE TYPE), SO THAT THE ACTUAL EMBEDMENT, AFTER ALLOWING FOR BUILDING TOLERANCES, WILL BE AT LEAST 50mm INTO EACH MASONRY LEAF.
10. WALL TIES ARE TO BE SPACED AT 900mm HORIZONTALLY AND 450mm VERTICALLY, EACH ROW TO BE STAGGERED, UNLESS SPECIFIED DIFFERENTLY ON THE DRAWING. SPACING OF TIES AROUND DOOR AND WINDOW OPENINGS TO BE 225mm VERTICALLY, AND ARE TO BE WITHIN 225mm OF THE OPENING.
11. THE CAVITY SHALL BE KEPT CLEAR AND CLEAN OF MORTAR DROPPINGS AND ANY EXTRUDING MORTAR SHALL BE REMOVED WHILST SOFT. MAXIMUM HEIGHT OF ANY MASONRY THAT SHOULD BE BUILT IN A DAY IS 1.5m. BOTH LEAVES ARE TO BE CONSTRUCTED AT THE SAME RATE, WITH THE MAXIMUM DIFFERENCE IN HEIGHT OF 450mm. TAKE PRECAUTIONS TO PROTECT THE MORTAR DURING COLD WEATHER, TO PREVENT FROST DAMAGE. BRACE CONSTRUCTIONS, TO PREVENT DAMAGE BY WINDS OR OTHER CAUSES. PROTECT THE TOP OF ALL MASONRY UNITS, AT THE END OF THE DAY'S WORK.
12. THE MASONRY UNITS SHALL BE LAID IN STRETCHER BOND, HALF LAP. WHERE POSSIBLE THE COURSING SHALL BE ARRANGED TO ALLOW A FULL BLOCK TO BE POSITIONED DIRECTLY BENEATH A LINTEL BEARING.
13. ANY BED JOINT REINFORCEMENT SHOULD BE FREE FROM MUD, OIL, PAINT, RETARDERS, LOOSE RUST, LOOSE MILL SCALE, SNOW, ICE, GREASE OR ANY OTHER SUBSTANCE WHICH MAY AFFECT THE STEEL OR CONCRETE CHEMICALLY, OR REDUCE THE BOND. BED JOINT REINFORCEMENT SHOULD BE COMPLETELY SURROUNDED WITH MORTAR.



LOCATION PLAN SCALE 1:1250

LOCATION NOTES

- 1) SITE GRID REFERENCE: 439476 (E), 373345 (N)
- 2) WHAT3WORDS: AWARE.YARDS.SCORE
- 3) THE WORKS SHOULD NOT OBSTRUCT EMERGENCY ACCESS ROUTES.

RESIDUAL RISKS

- UNDERGROUND SERVICES - ASBESTOS
- WORKING AT HEIGHT - COVID-19
- COLLAPSE OF THE WORKS IN THE TEMPORARY STATE.
- BUILDING INSTABILITY. ENSURE SURE THE WORKS DO NOT FURTHER DESTABILISE THE PROPERTIES.

P01	TENDER ISSUE	JJM	RJM
		22.12.23	22.12.23
Version	Amendment	Drawn & Date	Checked & Date
		JJM	RJM
Property and Technical Services Third Floor Town Hall Chesterfield Derbyshire S40 1LP			
Engineer: John Muddiman Phone: 01246 959 723 Email: john.muddiman@chesterfield.gov.uk			
Project Name 33 THE CRESCENT BRIMINGTON, CHESTERFIELD			
Drawing Title PROPOSED REMEDIAL WORKS: N.E. & N.W. ELEVATIONS			
Date of First Issue	Drawn By	Checked By	
22.12.23	JJM	RJM	
Suitability	Code	Description	
	D2	GENERAL ARRANGEMENT	
Issue	Code	Description	
	P01	TENDER ISSUE	
22711 - S - 2000			Scale SHOWN
22711 - PTS - 01 - ZZ - DR - S - 2000	Project	Originator	Volume
			Level
			Type
			Role
			Number
			A1