PROPOSED EXTENSIONS AND GARAGE FOR MR NIGEL PARKER AT 11 CHAPEL STREET CROWLAND.

EXTENSION 1.

FOUNDATIONS.

700 WIDE X 225 DEEP STRIP FOOTING TO CAVITY WALL. CONCRETE GEN3 MIX . ALL TAKEN DOWN TO A SUITABLE LOAD BEARING SUB STRATA.
IF ANY NON-LOAD BEARING SUB-STRATA IS ENCOUNTERED THE DESIGNER IS TO BE INFORMED BEFORE LAYING ANY CONCRETE
ETC AND THE ADVISE OF A CONSULTING ENGINEER MAY BE OBTAINED.ALL THE ABOVE TO BE APPROVED BY LOCAL BUILDING INSPECTOR.

WALLS.

265 CAVITY BWK TO COMPRISE OF 102 FACING BWK TO MATCH EXISTING, 65 CAVITY WITH 65 DRITHERM
INSULATION LAID TO MANUFACTURES INSTRUCTIONS, 100 TARMAC TOPLITE TOPBLOCK STD AREATED CONCRETE
BLOCK OR SIMILAR RENDERED AND SKIMMED INTERNALLY TO ACHIVE u VALUE OF 0.35 W/m2/K. MOTAR MIX AS
RECOMMENDED BY BRICK/BLOCK MANUFACTURER AND TO BE B.R.E. DIGEST No 178 & C.P. 121 PART 1 1973. GALV OR
SIMILAR WALL TIES AT MAX 900 CRS HORIZONTAL & 450 CRS VERTICAL STAGGERD & AT 300 CRS AS NEAR TO DOOR / WINDOW
AND ABOVE HEADS. D.P.C.'s & D.P.M. TO BE LAPPED AND CONTINUOUS. CLOSE CAVITY AT PLATE LEVEL
CLASS 'A' CONC. BLOCKS BELOW GROUND LEVEL. ALL BRICK BELOW GROUND LEVEL TO BE F.L. QUALITY.
50X100 WALL PLATE OFF MOTAR BED WITH 300X5X1000 Lg GALV METAL ANCHORS STRAPS AT MAX 2m
CRS "EXPAMET" OR SIMILAR WALL STARTERS. PROVIDE THERMAL BREAKS WHERE REQUIRED IN THE
STRUCTURE TO AVOID COLD BRIDGING OCCURING.

FLOOR

150 MIN CONSOLIDATED HARDCORE BLINDED. 1200 GAUGE D.P.M. LAPPED OVER D.P.C.
50 THK JABLITE FLOORING GRADE SD INSULATION BOARDS WITH PERIMETER INSULATION
TO WALLS ALL LAID TO MANUFACTURES INSTRUCTIONS. 100 MIN CONCRETE ST4 MIX.
SAND/CEMENT SCREED TO BRING FLOORS LEVEL (MIN 40 mm).

JOINERY

ALL CODES GIVEN ARE FOR SOFTWOOD BOLTON AND PAUL / JOHN CARR WINDOW / DOOR CODES. CLIENT WILL
REQUIRE WHITE U.P.V.C. DOUBLE GLAZED WITH 12mm AIR GAP BETWEEN SEALED UNITS AND DRAFT SEALED.
WINDOWS TO HAVE TRICKLE VENTS TO GIVE 4000 mm2 VENTILATION. ALL LINTOLS TO HAVE MIN 150 END
BEARING & LAID TO MANUFACTURES INSTRUCTIONS. ALL GLAZING TO COMPLY WITH B.S. 6206 STD.
WINDOWS : ANY GLASS WITHIN 800mm ABOVE FFL TO BE TOUGHENED.
DOOR : ANY GLASS WITHIN 1500mm ABOVE FFL TO BR TOUGHENED.

DRAINS

REMOVE ANY PIPEWORK NOT REQUIRED. REPLACE ANY OLD OR ANY
PIPEWORK GOING UNDER PROPOSED EXTENSION WITH NEW 100 mm U.P.V.C. POLYDRAIN
OR SIMILAR PIPEWORK. PIPE LAID TO MANUFACTURES INSTRUCTIONS. DRAINS PASSING
THROUGH WALL TO HAVE CONC. LINTOL OVER WITH 50 mm CLEAR AROUND. PIPES TO
BE LAID ON SELECTED BACKFILL & GRANULAR BED. ALL JUNCTIONS TO HAVE SLOW
BENDS. PROTECT ALL DRAINS WITH LESS THAN 600 mm COVER WITH CONC. SLABS/PATH.
FALL TO MIN 1 IN 80. BUILD IN NEW POLYDRAIN HIGH DENSITY BLACK POLYETHENE I.C.
WITH LIP SEAL & CAST IRON LID. S.V.P. TO HAVE BALLON FINIAL. TO ALL WASTE PIPES
PROVIDE 75 mm DEEPSEAL TRAP & RODDING POINTS. CONNECTION OF THE WC TO THE
DRAINS TO BE 450 ABOVE THE INVERT OF THE DRAINS.

HEATING

EXTEND EXISTING HEATING SYSTEM. POSITION OF RADIATORS TO BE AGREED WITH CLIENT.

ELECTRICS

SOCKETS / OUTLETS / LIGHT SWITCHES TO BE I.E.E. REGULATIONS & N.H.B.C. STD.
POSITIONS TO BE AGREED WITH CLIENT.

ROOF

50X122 GRADE SC3 TIMBER JOISTS AT 400 C/C SPANNING 1.8m WITH 19 mm WEYROCK OR SIMILAR T&G FLOORING GRADE DECKING.
INSULATION TO BE INSTALLED BETWEEN JOISTS TO ACHIEVE u VALUE OF 0.25 W/m2/K.
EXISTING CONSERVATORY TO BE REPOSITIONED ON TOP OF NEW KITCHEN ROOF. ANY EXPOSED FLOOR TO HAVE LAYER OF UNTEARABLE
ROOFING FELT AND SUITABLE FLASHINGS ETC.

EXTENSION 2.

FOUNDATIONS.

700 WIDE X 225 DEEP STRIP FOOTING TO CAVITY WALL. CONCRETE GEN3 MIX. ALL TAKEN DOWN TO A SUITABLE LOAD BEARING SUB STRATA.
IF ANY NON-LOAD BEARING SUB-STRATA IS ENCOUNTERED THE DESIGNER IS TO BE INFORMED BEFORE LAYING ANY CONCRETE
ETC AND THE ADVISE OF A CONSULTING ENGINEER MAY BE OBTAINED.ALL THE ABOVE TO BE APPROVED BY LOCAL BUILDING INSPECTOR.

WALLS.

265 CAVITY BWK TO COMPRISE OF 102 FACING BWK TO MATCH EXISTING, 65 CAVITY WITH 65 DRITHERM
INSULATION LAID TO MANUFACTURES INSTRUCTIONS, 100 TARMAC TOPLITE TOPBLOCK STD AREATED CONCRETE
BLOCK OR SIMILAR RENDERED AND SKIMMED INTERNALLY TO ACHIVE u VALUE OF 0.35 W/m2/K. MOTAR MIX AS
RECOMMENDED BY BRICK/BLOCK MANUFACTURER AND TO BE B.R.E. DIGEST No 178 & C.P. 121 PART 1 1973. GALV OR
SIMILAR WALL TIES AT MAX 900 CRS HORIZONTAL & 450 CRS VERTICAL STAGGERD & AT 300 CRS AS NEAR TO DOOR / WINDOW
AND ABOVE HEADS. D.P.C.'s & D.P.M. TO BE LAPPED AND CONTINUOUS. CLOSE CAVITY AT PLATE LEVEL
CLASS 'A' CONC. BLOCKS BELOW GROUND LEVEL. ALL BRICK BELOW GROUND LEVEL TO BE F.L. QUALITY.
50X100 WALL PLATE OFF MOTAR BED WITH 300X5X1000 Lg GALV METAL ANCHORS STRAPS AT MAX 2m
CRS "EXPAMET" OR SIMILAR WALL STARTERS. PROVIDE THERMAL BREAKS WHERE REQUIRED IN THE
STRUCTURE TO AVOID COLD BRIDGING OCCURING.

FLOOR

50X220 GRADE SC3 TIMBER JOISTS AT 400 C/C SPANNING 4.6m TO EXISTING WALL
WITH 19 mm WEYROCK OR SIMILAR T&G FLOORING GRADE DECKING. PROVIDE FIRELINNING BOARD TO UNDERSIDE OF DRIVE THROUGH.
INSULATION TO BE INSTALLED BETWEEN JOISTS TO ACHIVE u VALUE OF 0.25 W/m2/K

LINTOLS

2 No. L6/50 I.G. LINTOLS 5100 Lg TO SPAN BETWEEN PIERS AND EXISTING BUILDING
FOR SUPPORT OF FRONT AND REAR WALLS.

JOINERY

ALL CODES GIVEN ARE FOR SOFTWOOD BOLTON AND PAUL / JOHN CARR WINDOW / DOOR CODES. CLIENT WILL
REQUIRE WHITE U.P.V.C. DOUBLE GLAZED WITH 12mm AIR GAP BETWEEN SEALED UNITS AND DRAFT SEALED.
WINDOWS TO HAVE TRICKLE VENTS TO GIVE 4000 mm2 VENTILATION. ALL LINTOLS TO HAVE MIN 150 END
BEARING & LAID TO MANUFACTURES INSTRUCTIONS. ALL GLAZING TO COMPLY WITH B.S. 6206 STD.
WINDOWS : ANY GLASS WITHIN 800mm ABOVE FFL TO BE TOUGHENED.
DOOR : ANY GLASS WITHIN 1500mm ABOVE FFL TO BR TOUGHENED

HEATING

EXTEND EXISTING HEATING SYSTEM. POSITION OF RADIATORS TO BE AGREED WITH CLIENT.

SHDC
Planning & Development
10 APR 2002
Ref 0423/02

ELECTRICS

SOCKETS / OUTLETS / LIGHT SWITCHES TO BE I.E.E. REGULATIONS & N.H.B.C. STD.
POSITIONS TO BE AGREED WITH CLIENT.

ROOF

SANDTOFT OR SIMILAR APPROVED INTERLOCKING ROOF TILES TO MATCH EXISTING HOUSE.
ONE LAYER OF UNTEARABLE ROOFING FELT TYPE IF SPARKING FELT WITH MIN 150 OVERLAP.
BATTERNS 38X25 T.T. AT GAUGE CENTRES.
TWINAPLATE OR SIMILAR APPROVED ROOF TRUSSES 'FINK' TYPE AT 600 CENTRES FITTED TO MANUFACTURES INSTRUCTIONS TO MATCH EXISTING SLOPE.
100 HR GUTTER INTO EXISTING GUTTERS.

GARAGE

FOUNDATIONS

600 WIDE X 225 DEEP STRIP FOOTINGS. CONCRETE GEN3 MIX. ALL TAKEN DOWN TO A SUITABLE LOAD BEARING SUB-STRATA. IF ANY NON-LOAD BEARING
SUB-STRATA IS ENCOUNTERED THE DESIGNER IS TO BE INFORMED BEFORE LAYING ANY CONCRETE ETC. AND THE ADVISE OF A CONSULTANT ENGINEER MAY
BE REQUIRED. ALL THE ABOVE TO BE APPROVED BY LOCAL BUILDING INSPECTOR.

GARAGE WALLS.

WALL TO COMPRISE OF 102 FACING BRICK TO MATCH EXISTING HOUSE. MOTAR MIX AS RECOMMENDER BY BLOCK MANUFACTURER AND TO BE
B.R.E. DIGEST No. 178 & C.P. 121 PART 1 1973.

FLOOR

150 MIN CONSOLIDATED HARDCORE. 100 MIN CONCRETE ST4 MIX FLOAT FINISHED.

DOORS

PERSONAL DOOR TO BE RUGBY JOINERY SOFTWOOD TYPE FNS OR SIMILAR, LINTOL TO BE I.G. BOX100 X 1500 Lg.
GARAGE DOOR TO BE 2135 X 2135, LINTOL TO BE BOX100 X 2550 Lg. OR SIMILAR APPROVED.

ROOF

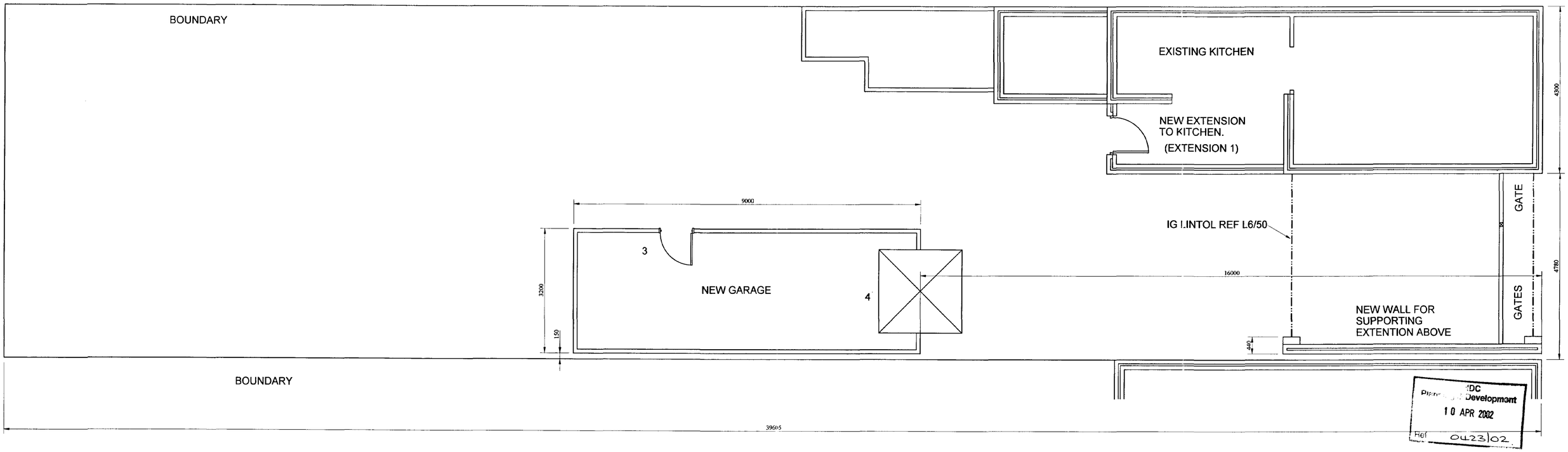
STEEL CLADDING ROOF ON 50X150 GRADE SC3 TIMBER RAFTERS AT 600 C/C WITH 50X100 TIMBER PURLINS AT 1500 C/C COMPLETE WITH ALL
REQUIRED FLASHINGS ETC. 100 HR GUTTER 63 DIA RWP. SOAKAWAY MIN 5m FROM BUILDING.

PLAN

ELECTRICS

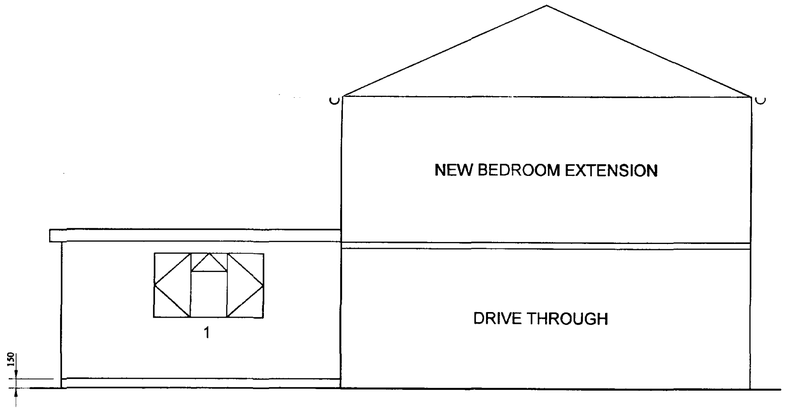
SOCKETS / OUTLETS / LIGHT SWITCHES TO BE I.E.E. REGULATIONS & N.H.B.C. STD. POSITIONS TO BE AGREED WITH CLIENT.
PROVIDE SUPPLY FROM EXISTING DWELLING BY SUITABLE CIRCUIT.

PROPOSED EXTENSIONS AND GARAGE FOR MR NIGEL PARKER AT 11 CHAPEL STREET CROWLAND. SCALE 1:50 UNO.

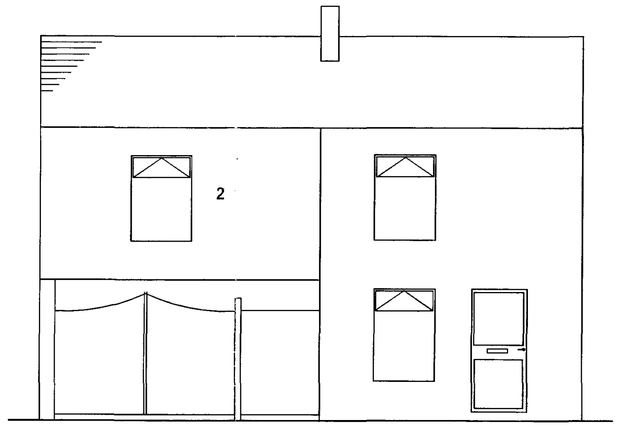


DC
Development
10 APR 2002
Ref 0423/02

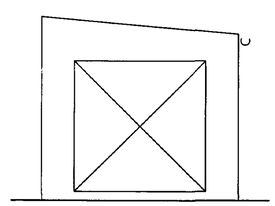
GROUND FLOOR PLAN.



SIDE ELEVATION

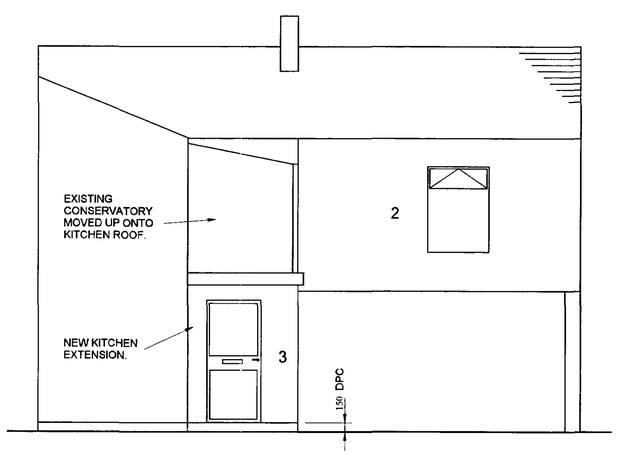


FRONT ELEVATION

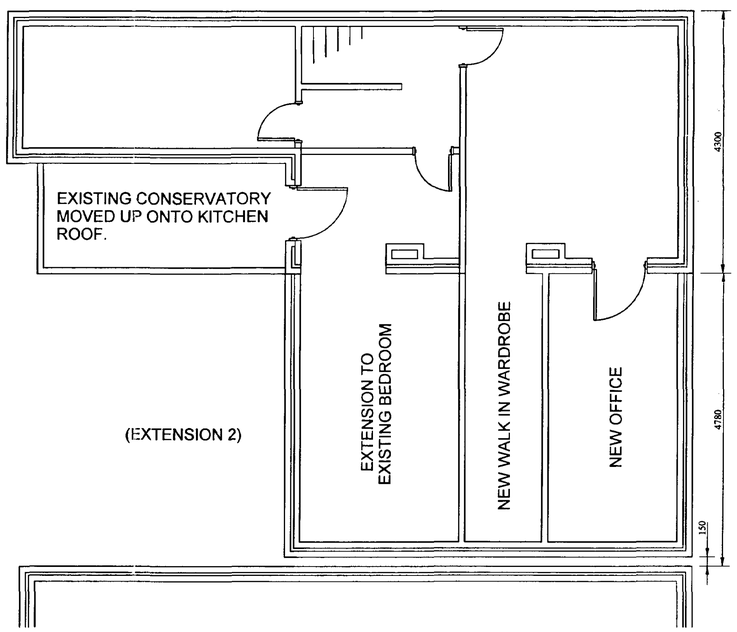


ELEVATION ON GARAGE.

REF	QTY	BOLTON & PAUL	LINTOL I.G.	LENGTH
1	1	310CVC	L1S/75	2100
2	2	213T	L1S/75	1500
3	2	FNS	L1S/75	1200
4	1	2135X2135 GARAGE DOOR	BOX100	2550



REAR ELEVATION



FIRST FLOOR PLAN

DETERMINATION
PLAN