FIRE PRECAUTIONS

- (W) LARGE FIRE EXTINGUISHER SIZE IN LITRES
- (CO2) CARBON DIOXIDE EXTINGUISHER SIZE IN KG
- (EL) AREAS REQUIRING EMERGENCY LIGHTING
- (E) FIRE EXIT SIGN WITH 75mm HIGH WHITE LETTERS ON GREEN BACKGROUND

- ITEMS OF FITTING IN ACCORDANCE WITH BUILDING PART 01
- INTERNAL FIRE SPREAD IN ACCORDANCE WITH BUILDING PART 02 & 03
- FIRE EXTINGUISHER PROVISION IN ACCORDANCE WITH BS 5306 PT3 1985
- LOCATION OF EMERGENCY LIGHTING IN ACCORDANCE WITH BUILDING PART 01, DESIGN OF WHICH BY ELECTRICAL CONTRACTOR & TO CONFORM TO BS 5266 PT 1

NOTES

1 REMOVE EXISTING GLAZED DOOR WHITE DOOR & SIDELIGHT IN WHITE PVC & UTILISING TOUGHENED GLAZING. MIN CLEAR WIDTH OF DOOR TO BE 750mm. SCREEN TO BE FULL HEIGHT

2 REMOVE EXISTING BAY WINDOW & BRICK BELOW. FORM GLAZED SCREEN UTILISING WHITE UPVC FRAMEWORK & TOUGHENED GLAZING. MULLION TO BE INCORPORATED INTO SCREEN

3 FORM RAMP UP TO DOORWAY. GRADIENT OF RAMP TO BE NO STEEPER THAN 1 IN 20. TOP OF RAMP & FFL TO BE LEVEL THRU' & FLAT THRESHOLD ON TOP OF FLOOR TO BE SUITABLE FOR DISABLED.

4 RECEPTION AREA FORMED BY BUILDING COVERED AREA WITH DOUBLE GLAZED WHITE UPVC SCREEN & DOOR. TOUGHENED GLAZING. MIN CLEAR WIDTH OPENING OF DOOR TO BE 800mm

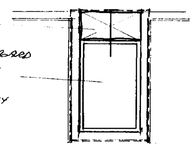
5 BLOCK UP DOORWAY WITH DPC TO BASE

6 FORM DOORWAY WITH 100 x 65 PRESTRESSED CONC LINTEL OVER

7 LAY APPROX 65mm SCREED ON EXISTING WC FLOOR TO BRING LEVEL WITH EXISTING/REMAINDER OF OFFICE FLOOR

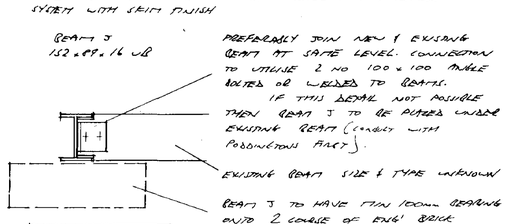
8 FORM EXTERNAL DOORWAY (SEE ALSO DETAIL 12 DRWG 18) DOOR TO BE 1000mm o/a RABBIT

9 TAKE DOWN EXISTING WALLS & MAKE GOOD TO WALLS, FLOORS & CEILINGS. FIT 150 x 100 x 8 RHS UNDER EXISTING WALL PLATE. SHOT FIRE WALL PLATE TO TOP OF RHS. RHS TO HAVE MIN 100mm BEARING ONTO 2 COURSE ENG' BRICK PADSTONE



10 BLOCK UP EXISTING WINDOW (NOTE WINDOW IS ALREADY COVERED UP OFFICE 3 SIDE WITH NEAR VENEER BOARD)

11 TAKE DOWN EXISTING WALL & MAKE GOOD TO FLOORS, WALLS & CEILINGS. FIT JOIST J TO PICK UP EXISTING JOIST CLAD NEW JOIST WITH 15mm TH KNAUF 'S' PLASTERLESS SYSTEM WITH SKIM FINISH



12 FORM HATCH IN FLOOR TO GIVE ACCESS TO SHOWER WASTE PIPE & TRAP. DUE TO SLOPING CEILING SHOWER TRAY TO SIT TIGHT ON FLOOR

13 FORM WINDOW OPENING THIS TO BE SAME WIDTH AS WINDOW ON GROUND FLOOR BELOW. WINDOW DEPTH 675mm WINDOW HEAD TO BE TIGHT TO UNDERSIDE OF EXTERNAL FASCIA. 665 x 65 PRESTRESSED CONC LINTEL OVER

14 REMOVE WINDOW W1 BRICK UP OPENING. VENTILATE FEMALE WC & ADJOINT WC. WITH MECHANICAL EXTRACTION SYSTEM CAPABLE OF GIVING 3 AIR CHANGES PER HOUR. FAN TO BE CONNECTED TO LIGHT SWITCH & HAVE 15 MINUTE OVER RUN. BOX IN SUITABLE OUTLET TO BE MIN 1.8m AWAY FROM F.E STAIRS.

15 TAKE UP EXISTING QUARRY TILES & REQ

16 REMOVE COVER TO I.C RATTLE SWAPP AS REQ'D (TO CATER FOR RAMP UP TO ENTRANCE) & FIT GALVANISED BRICKHOUSE 300 x 300 COVER & FRAME CODE 5503

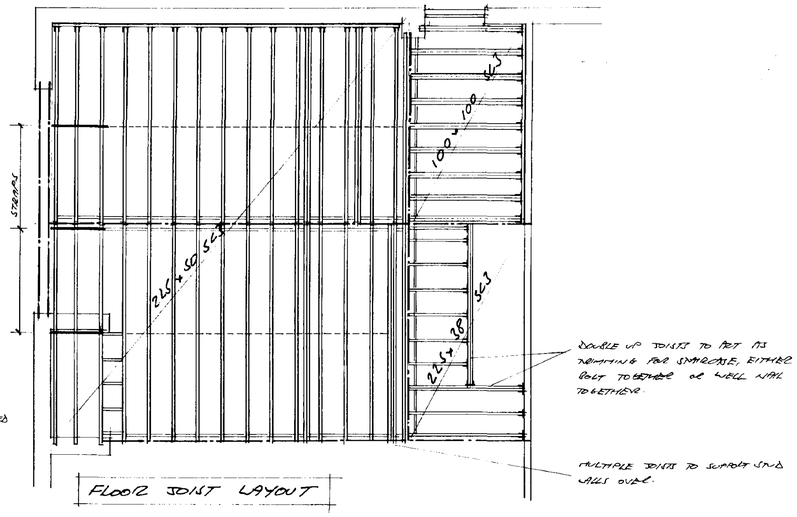
17 REPOSITION EXISTING DWP, AMEND DOWNPIPE & DISCHARGE INTO END OF PROPOSED CONTINUOUS DRAINAGE CHANNEL (SEE NOTE 18)

18 FIT CONTINUOUS DRAINAGE CHANNEL IN FRONT OF WINDOW W5, & AT FOOT OF RAMP UP TO ENTRANCE - THIS TO BE CHARCON SLOTTADRAIN 3 WITH RODDING EYE WHERE DWP (SEE NOTE 17) CONNECTS. DRAINAGE CHANNEL TO CONNECT INTO EXISTING GULLY MH (SEE ALSO NOTE 16)

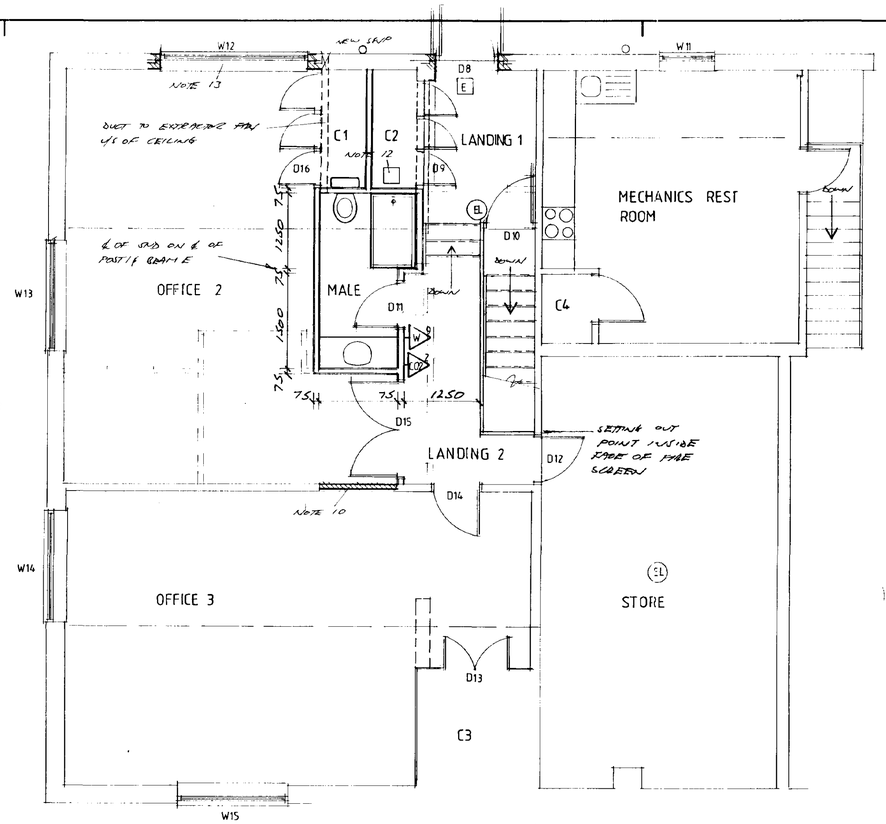
19 REPOSITION DWP AROUND CORNER OF EXISTING PIPE (TO MISS PROPOSED DRAINAGE CHANNEL) & AMEND DOWN TO GROUND

20 REMOVE EXISTING GULLY, EXTEND DRAIN APPROX 2.3m TO SERVICE NEW S & VP

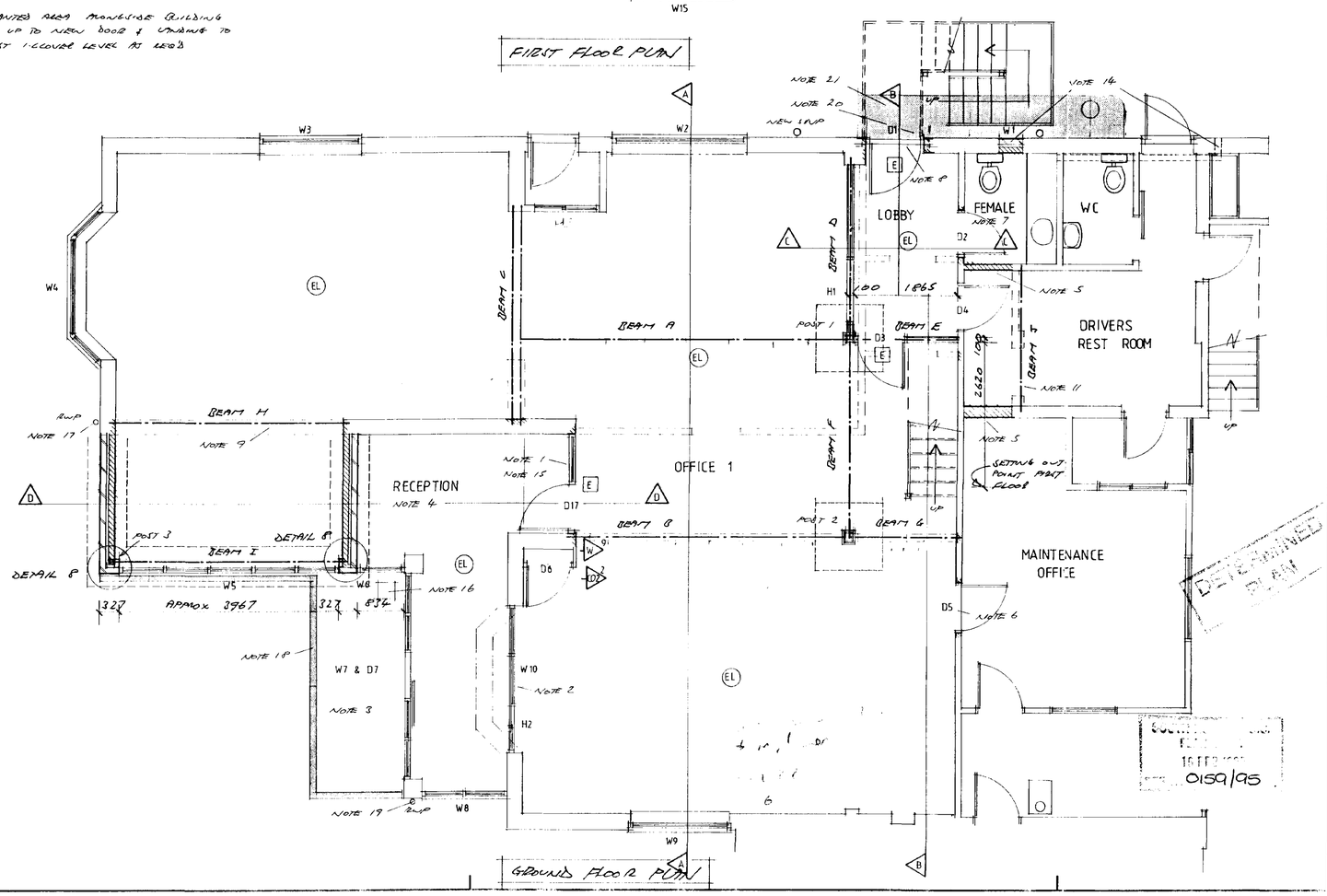
21 REMOVE VEGETATION/PLANTED AREA ALONGSIDE BUILDING & EXTEND CONC YARD UP TO NEW DOOR & UNDERCUT TO TO F.E. STAIRS. RESULT 1:6 COVER LEVEL AS REQ'D



FLOOR JOIST LAYOUT



FIRST FLOOR PLAN



CONTRACTOR TO CHECK ALL DIMENSIONS ON SITE BEFORE WORK COMMENCES.

revision	date	init.	revision details

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project
HARGRAVE INTERNATIONAL. TERRY SHONE, GLABERING, PROPOSED ALTERATIONS & EXTENSION

drawing
FLOOR PLANS AS PROPOSED

scale	drawing no.
1-50	2505-17
JAN 95	checked

SUMMIT

NEW PITCHED ROOF

600 x 250 EternIT 2000 IMITATION SLATES TO MATCH EXISTING ON 38 & 25 TT BATTENS ON 400 SUPER ROOFING FELT WITH 150 LAPS HORIZONTALLY & VERTICALLY. TRADITIONAL MITRED VERGE TO MAIN ROOF COMPARKING
100 x 50 SC3 GRADE RAFTERS AT 400 CRS
125 x 50 SC3 GRADE CEILING JOISTS AT 400 CRS
175 x 50 SC3 GRADE BINDER
100 x 50 SC3 STRUT
175 x 25 RIDGE & LAY BOARD. 150 x 38 FIXD RAFTER
100 x 50 SC3 WALL PLATE SECURED TO WALL WITH 30 x 5 m/s GALV STRAPS AT MAX 2 m CTRS. & SKT FIXED TO TOP OF BOX SECTION
100 m FIBREGLASS BETWEEN CEILING JOIST
12 m PLASTERBOARD & MATEX CEILING WITH NOGGINGS AT MID-H.

EXISTING PITCHED ROOF

EXISTING PITCHED ROOF ROOFING COVERED WAY TO BE TAKEN INTO ABSORPTION AREA TO BE ACCESSED BY INTERLOCKING GLIDEVALE MBSO MONO VENT C/W CODE 4 LEAD FLASHING AT ABUTMENT WITH WALL.
REMOVE EXISTING PLYWOOD CEILING & REPLACE WITH 12 m PLASTERBOARD & MATEX WITH NOGGINGS AT MID-H & LAY 100 m TH FIBREGLASS BETWEEN CEILING JOISTS.

EAVES

100 m DIAM. PVC GUTTER TO MATCH EXISTING ON WHITE PAINTED 25 m TH FASCIA. 10 m TH EXTERIOR GRADE PLYWOOD SOFFIT WITH GLIDEVALE SV200 SOFFIT VENT AT CTRS TO MATCH EXISTING.

CAVITY WALL

265 m TH CAVITY WALL COMPARISING
100 m FACE BRICK TO MATCH EXISTING
65 m CAVITY FILLED WITH 65 m TH ROCKWOOL CAVITY WALL BATTS
100 m THERMAL HEMELITE BLOCK
12 m RENDER WITH 2 m SKIM FINISH, WITH MOVEMENT BANDS OVER JOINTS. JOIN NEW WALLS TO EXISTING WITH PLASTIX WALL EXTENSION SYSTEM.

DPC

PVC DPC IN OUTER SKIN TO BE MIN 150 m ABOVE G.L.
DPC TO INNER SKIN TO BE CONTINUOUS WITH DPM IN FLOOR

GROUND FLOOR

50 m CONC & CEMENT SCREED ON 100 m STD CONCRETE ON 1200 g POLYTHENE DPM ON 25 m TH FLOORMATE & THIS TO BE TAKEN UP VERTICALLY AT EDGES OF EXTERNAL WALL.
MIN 150 m BLINDED & CONSOLIDATED HARDCORE

FOUNDATIONS

700 x 225 STD GRADE CONCRETE FOUNDATIONS & THESE TO BE TAKEN DOWN TO SUITABLE LOAD BEARING STRATA AS AGREED ON SITE WITH L.A. BUILDING INSPECTOR. LEAN MIX CONC CAVITY FILL TO WITHIN 150 m OF DPC. CORES & BLOCKS UNDER DPC/ G.L.

VALLEY GUTTER

CODE 5 LEAD ON 18 m TH EXTERIOR GRADE PLY ON TIMBER SUPPORT FRAMEWORK. LEAD VALLEY GUTTER TO DISCHARGE INTO PVC EAVES GUTTER. SEE ALSO DETAIL 9

SAND WALL

(UNLESS NOTED OTHERWISE
FORM WITH 75 x 50 HEAD & SOLE PLATE & VERTICALS AT 400 CTRS. INFILL BETWEEN STUDS WITH 75 m TH FIBREGLASS & LOAD BOTH SIDES OF STUD WITH 12 m PLASTERBOARD & SKIM.

WINDOWS

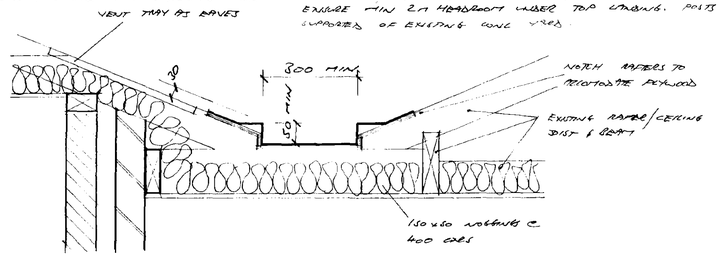
ALL NEW WINDOWS TO BE WHITE POWDER COAT ALUMINIUM WITH BLUE TINTED DOUBLE GLAZING UNITS IN LOCATIONS AS DIRECTED BY CLIENT. ALL GLAZING IN EXTERNAL WALLS TO BE DOUBLE GLAZED. ALL GLAZING TO DOOR & SIDELIGHTS TO BE TOUGHENED GLASS AS ALL GLASS WITHIN 800 m OF FLOOR.
CLOSE CAVITIES TO SILL & JAMBS WITH MATCHING INSULATING DPC

MECHANICAL VENTILATION

PROVIDE MECHANICAL EXTRACTION SYSTEM TO PROPOSED SHOWER ROOM THIS TO BE CONNECTED TO LIGHT SWITCH & HAVE 15 MINUTE OVERRUN. FAN TO EXTRACT 3 AIR CHANGES PER HOUR OR 15 LITRES SECOND WHICHEVER THE GREATER

PLUMBING

SHOWER & HOT TO HAVE 75 m DIAM SEMI TRAPS & 50 ø WASTE PIPES. SHOWER TRAY TO BE TRAP ON FLOOR WITH PIPES WITHIN 1/2 WALL
ALL PLUMBING TO CONNECT TO NEW 100 ø SVP WITH BOSSING EYES TO ALL BENDS & CHANGE OF DIRECTION OF WASTE PIPES.



DETAIL 9 1-10

FIRST FLOOR

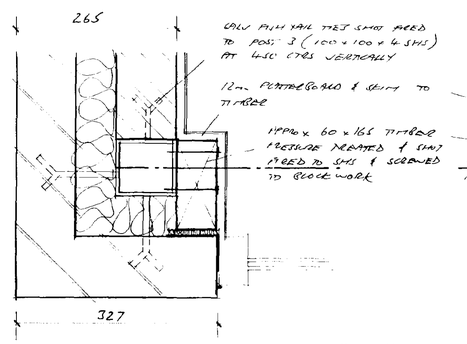
TAKE DOWN EXISTING FIRST FLOOR TO PROPOSED OFFICE 2, LANDING 1 & 2, MALE TOILET & CLEAN 1 & 2 & RE FORM FLOORS AS FOLLOWS 18 m T & G FLOORING GLUED WETPROOF FLOORING (MOISTURE RESISTANT) ON SC3 JOISTS AT 400 CRS. 38 x 38 CROSS STRUTTING MID SPAN OF JOISTS DOUBLE UP & BOLT TOGETHER FLOOR JOISTS UNDER STUD WALL. THIS TO BE IN ADDITION TO NORMAL JOIST SPACINGS.
WHERE JOISTS RUN PARALLEL TO CAVITY WALL TIE JOISTS TO WALL WITH 30 x 5 m/s GALV STRAPS AT MAX 2 m CTRS SCREWED TO INNER FACE OF CAVITY WALL & FIXED OVER TOP OF 3 NO JOISTS WITH SOLID NOGGINGS UNDER. WHERE JOISTS RUN AT RIGHT ANGLES TO WALL, FIX JOISTS TO 225 x 50 / 100 x 50 TIMBER WITH GALV JOIST HANGERS WHICH IN TURN FIXED TO WALL WITH 12 ø BOLTS AT 400 CTRS.

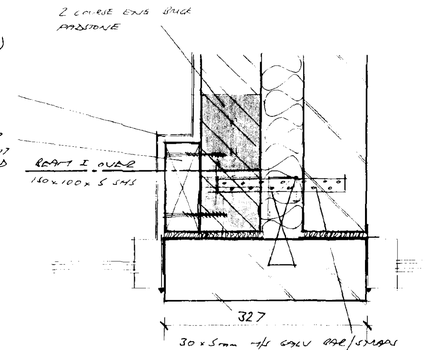
STAIRS - INTERNAL

EXISTING TIMBER STAIRS TO BE REMOVED & REPLACED WITH LESS STEEP PURPOSE MADE TIMBER STAIRS, STAIRS TO LANDING NO1 TO HAVE 12 NO RISERS OF APPROX 179.2 m (TOTAL RISE APPROX 2152) STAIRS TO LANDING 2 TO HAVE 3 NO RISERS OF APPROX 179.2 m (TOTAL RISE 538 m APPROX) ALL TREADS TO HAVE MIN 250 m GO. HANDRAIL TO ONE SIDE CAVITY 45 ø & SMOOTH 65 m OFF WALL. HANDRAIL TO BE 900 m ABOVE PITCH LINE MEASURED VERTICALLY. CLAD UNDERSIDE OF STAIRS WITH 12 m PLASTERBOARD & MATEX FINISH

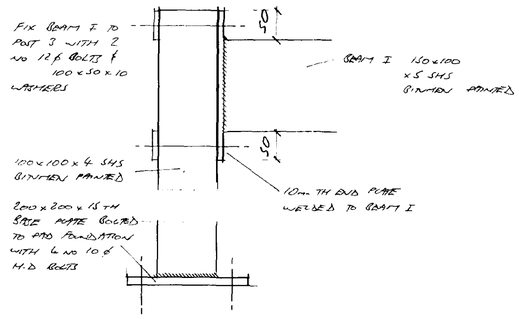
STAIRS F.E.

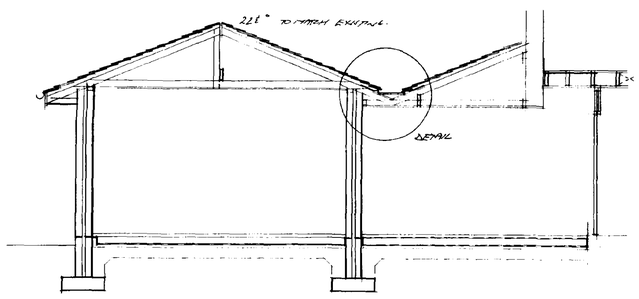
EXTERNAL FIRE ESCAPE STAIRS TO BE MILD STEEL & PAINTED. TOTAL RISE APPROX 2200 m = 12 RISERS @ APPROX 183 m. TREADS TO HAVE MIN 250 m GO. HANDRAIL TO BE 1100 m HIGH TO LANDING & 900 m TO FLIGHT MEASURED VERTICALLY ABOVE PITCH OF FLIGHT. ENSURE MIN 2 m HEADROOM UNDER TOP LANDING. POSTS SUPPORTED OFF EXISTING CONC WALL



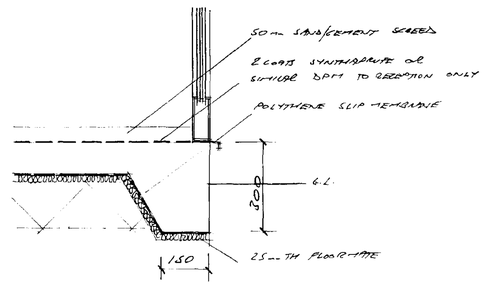


DETAIL 8 1-5

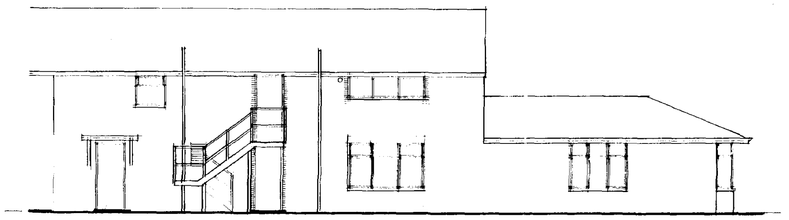




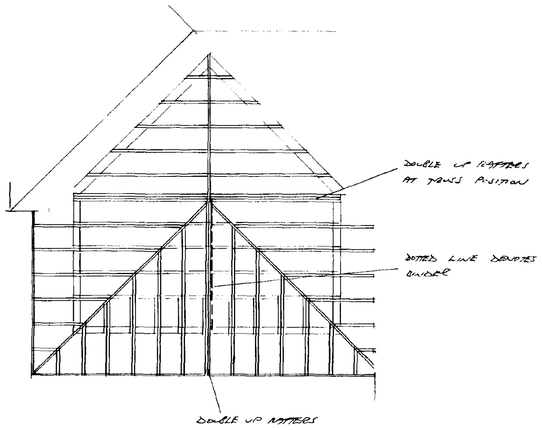
SECTION 1-50



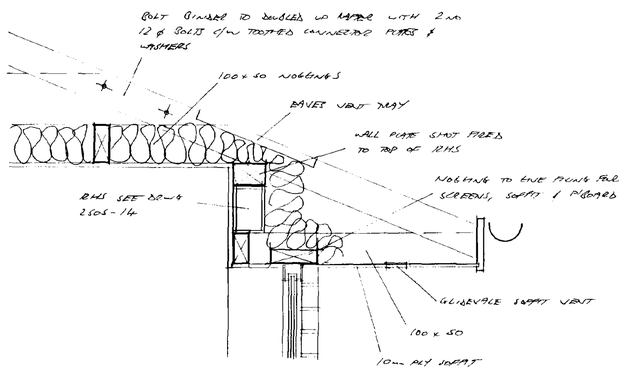
DETAIL 10 1-10 FLOOR EDGE DETAIL TO RECEPTION



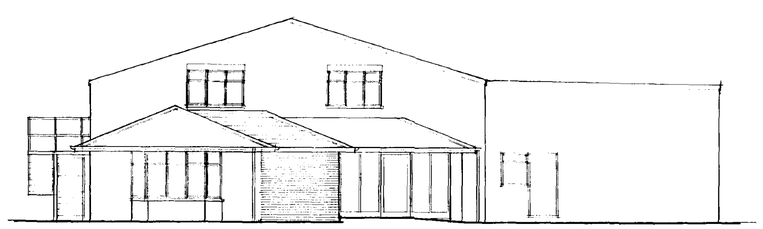
NORTH 1-96



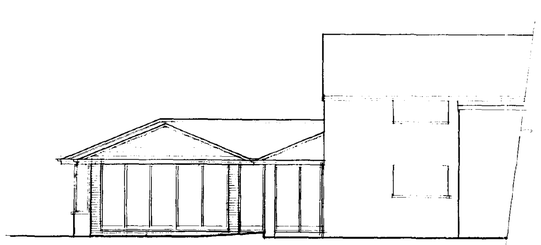
ROOF PLAN 1-50



DETAIL 11 1-10



WEST 1-96



SOUTH 1-96

RECEIVED 15 FEB 0159/95

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revision	date	init.	revision details

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project
HARGRAVE INTERNATIONAL
TOWN DROVE, QUADRING.
PROPOSED ALTERATIONS & EXTENSION.

drawing

scale	drawing no
AS SHOWN	2505 · 11
AUG 94	checked

DOOR SCHEDULE

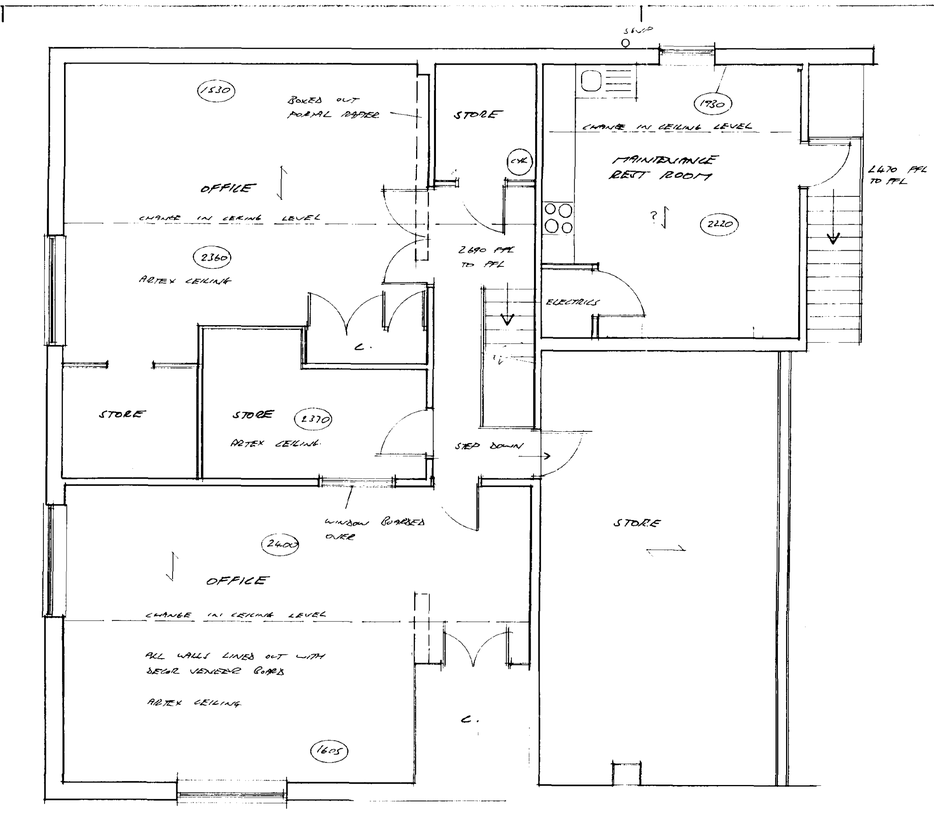
NO	LOCATION	BRICK/BLOCK OPENING SIZE W x H	LINTEL TYPE & LENGTH	DOOR TYPE	IRONMONGERY
D1	LOBBY	1000 m/m o/a FRAME	N/A SEE DETAIL 12	WHITE PVC SOLID CORE DOOR	SEE PODDINGTONS
D2	FEMALE	838 x 2034	65 x 100 x 1200 PRESTRESSED CONC LINTEL	762 x 1981 OAK FACED FLUSH DOOR	A,B,C,D,E,L,M,F
D3	OFFICE 1	912 x 2034		838 x 1981 OAK FACED FLUSH DOOR	A,B,C,E,M,
D4	DRIVERS REST ROOM	EXISTING	EXISTING	OAK FACED FLUSH DOOR TO SUIT EXISTING OPENING	A,B,C,E,M,
D5	MAINTENANCE OFFICE	912 x 2034	65 x 100 x 1200 PRESTRESSED CONC LINTEL	838 x 1981 OAK FACED ½ HOUR FIRE RESISTANT FLUSH DOOR	A,C,D,E,M
D6	ELEC' DUCT	EXISTING	EXISTING	REMOVE EXISTING DOOR WITH OAK FACED FLUSH DOOR	A,E,M.
D7	RECEPTION	—	EXISTING	WHITE PVC ELECTRIC SLIDING DOOR WITH MIN CLEAR OPENING WIDTH OF 800 m/m	
D8	FIRE ESCAPE	1000 m/m O/A FRAME	—	WHITE PVC SOLID CORE DOOR	ITEM 0 + SEE PODDINGTONS
D9	CUPB 2	APPROX 1800 x 1980 O/A FRAME	—	3 NO OAK FACED ½ HR FIRE RESISTANT FLUSH DOORS	A,D,E,P
D10	LANDING 1	—	—	838 x 1981 OAK FRAMED ½ HR FIRE RESISTANT DOOR WITH CLEAR GEDDEMAN WIRED GLAZING (6 m/m THK)	A,B,C,D,E,M
D11	MALE TOILETS	838 x 2034	—	762 x 1981 OAK FACED FLUSH DOOR	A,C,E,F,H,L,M
D12	STORE	EXISTING	EXISTING	REPAINT EXISTING DOOR WITH ½ HR FIRE RESISTANT OAK FACED FLUSH DOOR	A, B,C,D,E,M,
D13	CUPB 3	EXISTING	EXISTING	REPAINT EXISTING DOOR WITH OAK FACED FLUSH DOOR	A,E,M,N.
D14	OFFICE 3	EXISTING	EXISTING	REPAINT EXISTING DOOR WITH ½ HOUR RESISTANT OAK FACED FLUSH DOOR	A,B,C,D,E,M
D15	OFFICE 2	1600 x 2034	—	2 NO 762 x 1981 OAK FACED ½ HR FIRE RESISTANT FLUSH DOORS	A,B,C,D,E,N
D16	CUPB 1	APPROX 1950 x 2034 O/A FRAME	—	3 NO OAK FACED FLUSH DOORS	A,E,

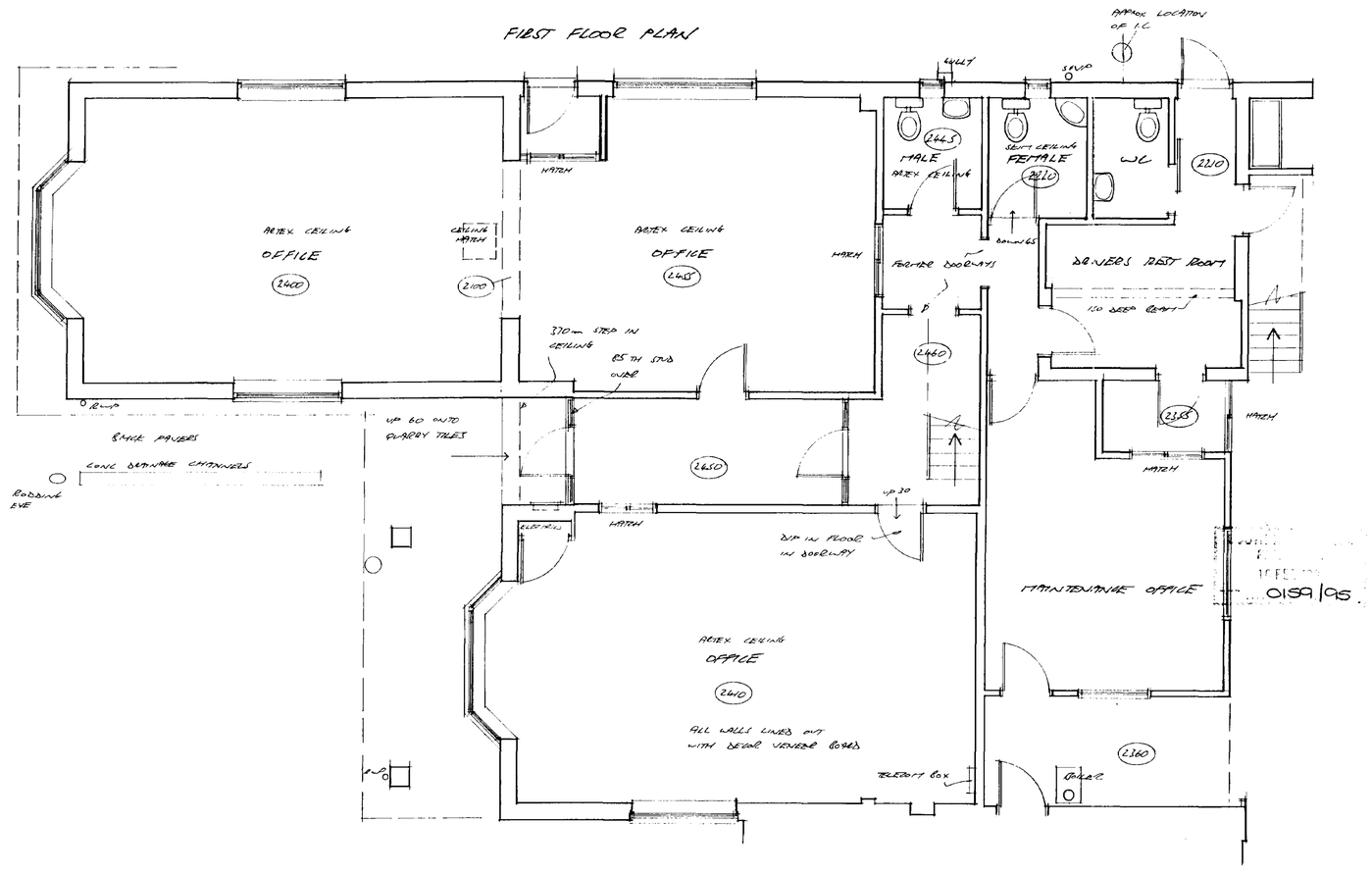
IRONMONGERY LEGEND

- A 1½ PAIRS HINGES PER DOOR LEAF - HINGES TO BE FIRE RESISTANT DOORS TO HAVE MELTING POINT OF NOT LESS THAN 800 °C
- B OVERHEAD DOOR CLOSER - CLOSERS ON FIRE RESISTANT DOORS TO BE TESTED TO BS 476 FOR USE WITH FIRE DOORS
- C DOOR STOP
- D INTUMESCENT SEAL & SMOKE SEAL
- E 23 Ø NYLON COATED LEVER HANDLES WITH MORTISE LATCH
- F VENT GRILL FITTED NEAR TO BOTTOM OF DOOR
- G FEMALE SIGN
- H MALE SIGN
- J LUG BOLTS
- K MIN 5 PIN CYLINDER LOCK GOOD QUALITY.
- L ABNEY BOLT
- M KICK PLATES TO BOTTOM OF DOORS
- N BOLTS FITTED TO ONE DOOR
- O PANIC PAD WITH PUSH PAD TO OPEN SIGN IN 50 m/m HIGH WHITE LETTERS ON GREEN BACKGROUND
- P 'FIRE DOOR KEEP SHUT' SIGN.

NOTE!

- INTERNAL DOOR FRAMES TO BE 80 m/m TH GOOD QUALITY SOFTWOOD
- DOOR STOPS TO BE PLANTED
- GAP BETWEEN DOOR & FRAME ON FIRE RESISTANT DOORS TO BE 3 m/m MAX
- APPROX 5 m/m GAP BETWEEN DOOR FRAME & WALL TO BE SOLIDLY FILLED WITH CEMENT MORTAR OR FILL WITH INTUMESCENT MASTIC
- IRONMONGERY TO BE COLOURED & AS MADEN FROM THOMAS VALDEAN ARCUS RANGE.





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revision	date	init.	revision details
A	4-2-95	CJ	ADD DOOR SCHEDULE

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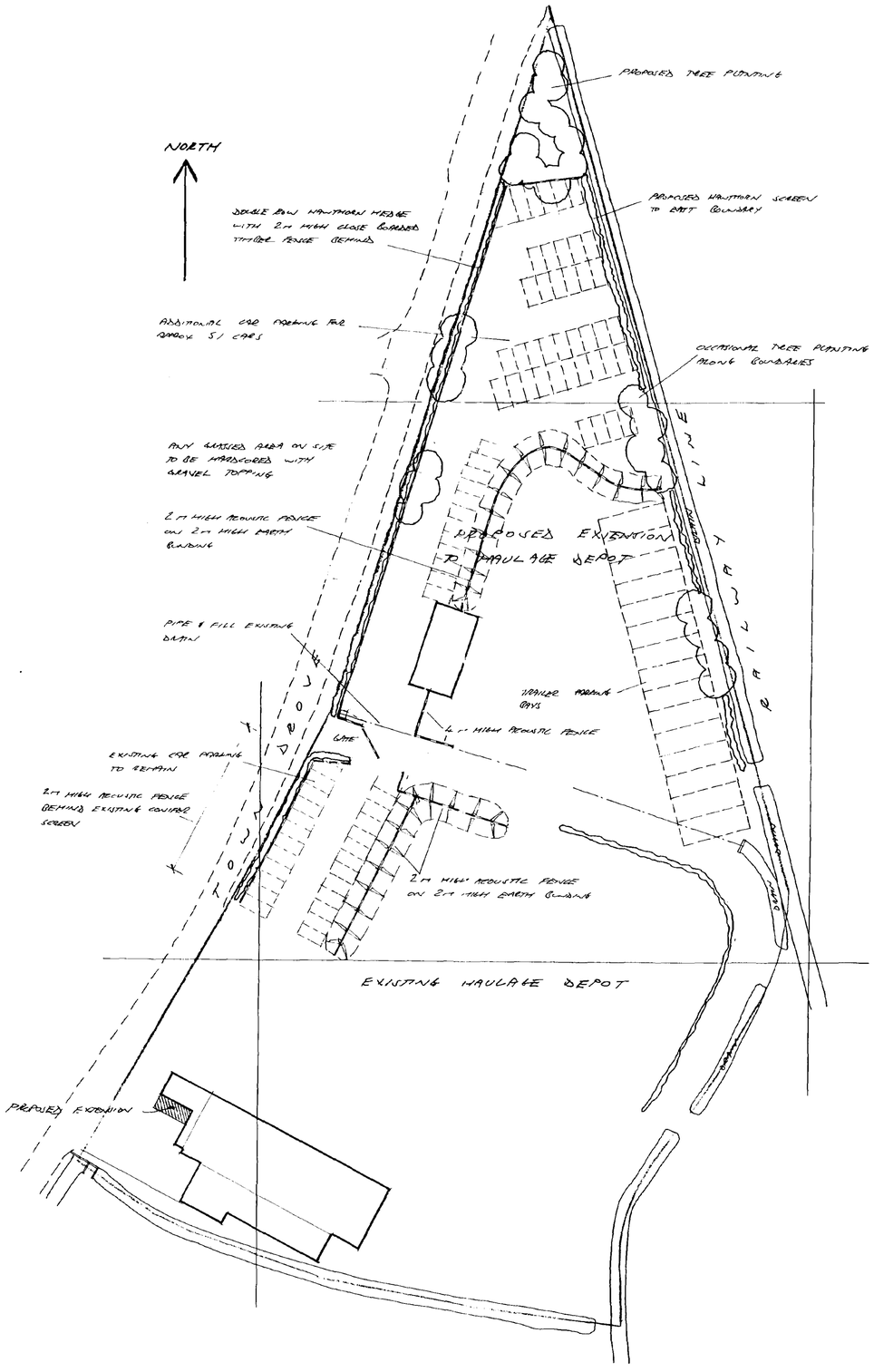
project
HARGRAVE INTERNATIONAL
TOWN GROVE QUARRYING
PROPOSED ALTERATIONS & EXTENSION

drawing
PLAN AS EXISTING & DOOR SCHEDULE AS PROPOSED

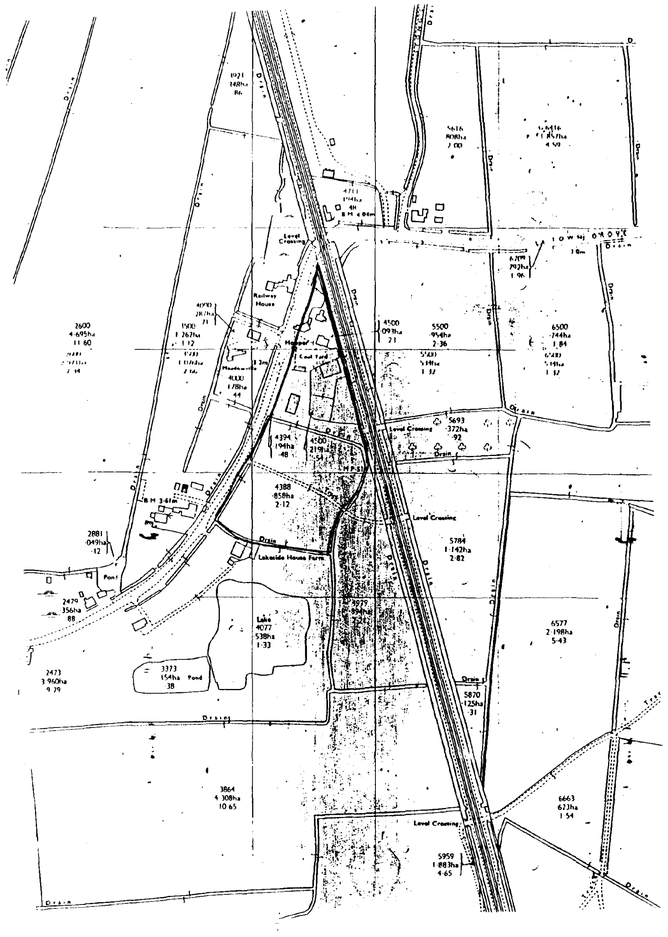
scale	drawing no.
1-50	2505-13
JAN 95	A
	checked

0159/95

SUMMIT



SITE PLAN scale 1-500
existing land surveyed
proposed land as enlarged from O/S



LOCATION PLAN scale 1-2500
TAKEN FROM O/S SHEET TF2032 & 2132
TF2033 & 2133

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revision	date	init.	revision details
A	10.10.94	JS	ADDS DETAIL TO SITE EXTENSION
B	15.11.94	JS	NEW PLANNER'S ADVICE LOCATIONS
C	6.1.95	JS	TRUCK WASH MOVED FROM WEST TO SOUTH SIDE, DEMOLITION LINE

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DATE 0159/95

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project
HARGRAVE INTERNATIONAL.
TOWN DROVE, QUADRING.
PROPOSED ALTERATIONS & EXTENSION

drawing

scale
AS SHOWN

drawing no
2505-20

A3 E

JULY 94

client