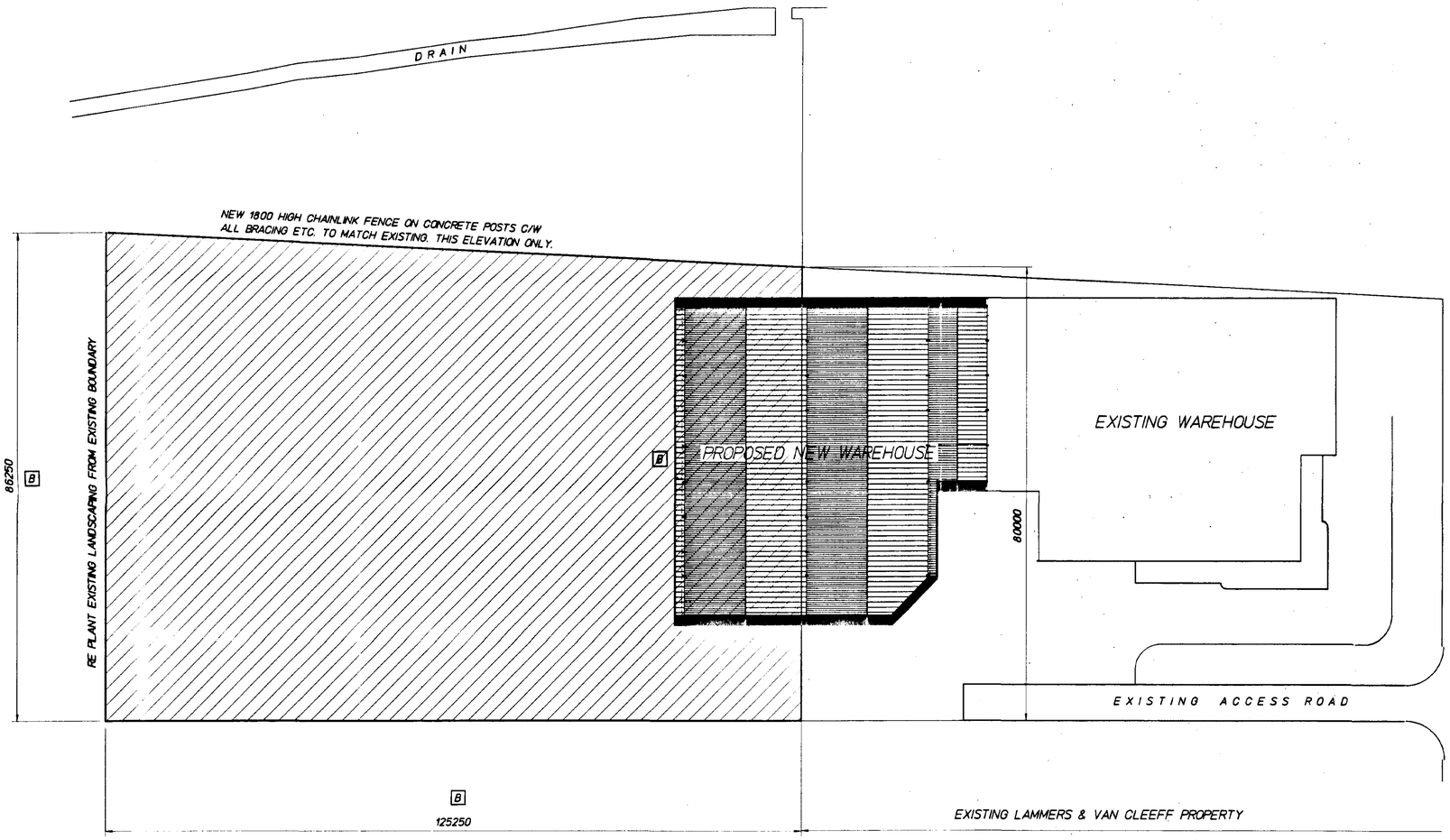


BLOCK PLAN

DRG No. KLE60 / 7A[B]

D.A.GREEN & SONS LTD.
WHAPLODE, SPALDING,
LINCS, PE12 6TL.
Tel: 01406 370585.
Fax: 01406 370766.

GENERAL NOTES.

	REVISIONS	BY	DATE
B	BUILDING LENGTH REDUCED SITE AREA INCREASED	MJW	7/2/01
A	LANDSCAPING NOTE ADDED	MJW	18/7/00

DRAWN	MJW	30/1/01
CHECKED	MJW	20/2/01
SCALE	1 / 500	

PROJECT

LAMMERS & VAN CLEEFF UK. LTD.

SITE BRIDGE ROAD,
LITTLE SUTTON,
SPALDING,
LINCS.
PE12 9EF.

Ref. A2

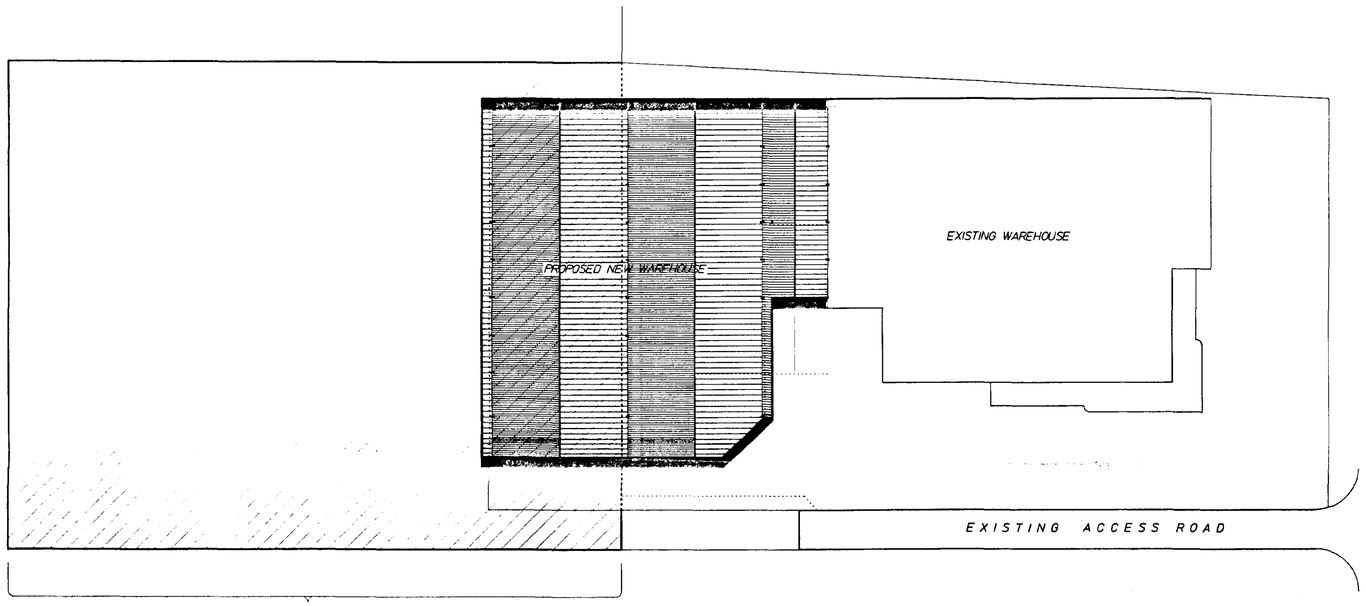
DETAILS

BLOCK PLAN

GREEN
STRUCTURAL

DRG No. KLE60 / 7A[B]

WITH DRAWN AS AN AMENDMENT.



PROPOSED NEW SITE AREA 0.810 Ha (2 ACRES)

BLOCK PLAN

DRG No. KLE60 / 7

D.A.GREEN & SONS LTD.
WHAPLODE, SPALDING,
LINCS, PE12 6TL.
Tel: 01406 370585.
Fax: 01406 370766.

GENERAL NOTES.

REVISIONS	BY	DATE

DRAWN	MJW	15/6/00
CHECKED		
SCALE	1 / 500	

PROJECT

LAMMERS & VAN CLEEFF UK. LTD.

SITE BRIDGE ROAD,
LITTLE SUTTON,
SPALDING,
LINCS.
PE12 9EF.

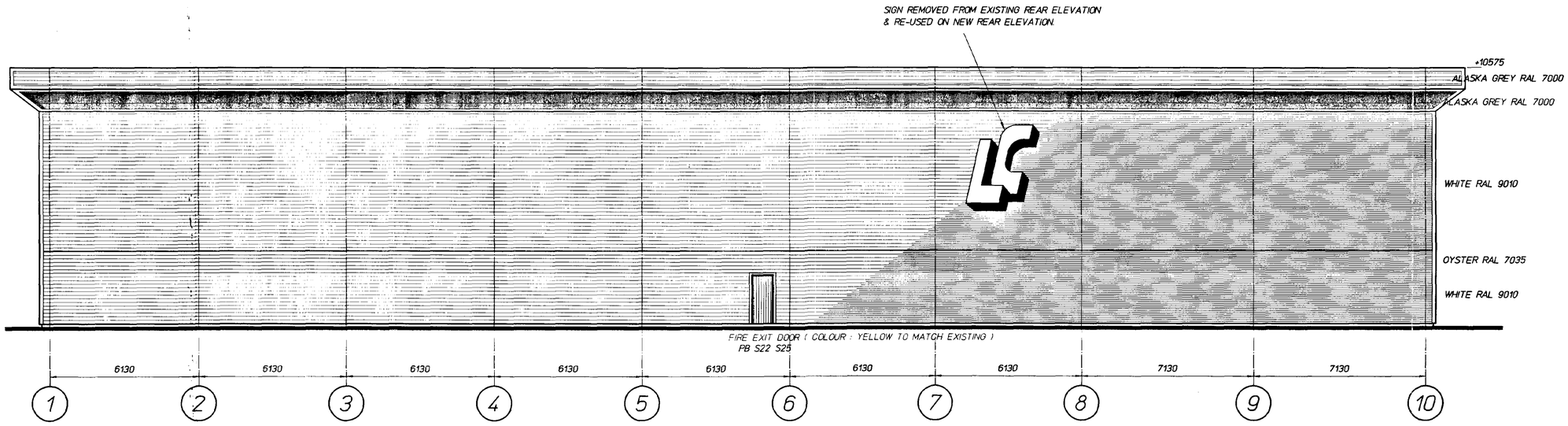
DETAILS

BLOCK PLAN

COUNTERSIGNED

GREEN
STRUCTURAL

DRG No. KLE60 / 7



ELEVATION ON GRID LINE D

VERTICAL CLADDING (ALL ELEVATIONS)
SINGLE SKIN CLADDING TO WALL AREAS ONLY, COMPRISING OF CC1000 AW 0.7 THK. PVF2 (COLOUR : WHITE RAL 9010) GALV. STEEL WEATHERING SHEETS FIXED HORIZONTALLY TO VERTICAL GALVANISED ZED SUPPORTS (60 DEEP), FIXED IN AN OVER RAIL POSITION & C/W ALL NECESSARY FLASHINGS, FILLERS & FIXINGS. FEATURE BAND OF SAME PROFILE (COLOUR : OYSTER RAL 7035).
ALL FLASHINGS / TRIMS TO THE WALL AREAS TO BE ALASKA GREY RAL 7000 COLOUR (TO MATCH EXISTING)

FASCIA / SLOPING SOFFIT (ALL ELEVATIONS)
SINGLE SKIN CLADDING TO FASCIA / SLOPING SOFFIT AREAS ONLY, COMPRISING 0.7 THK. PVF2 (COLOUR : ALASKA GREY RAL 7000) GALV. STEEL WEATHERING SHEETS FIXED IN AN OVER RAIL POSITION C/W ALL NECESSARY MATCHING FLASHINGS & FIXINGS.

INTERNAL LINING (ALL ELEVATIONS)
0.4 THK. GALV. WHITE ENAMEL COATED STEEL LINER PANELS, FIXED ABOVE 7M HIGH INTERNAL BLOCKWORK TO THE INSIDE FACE OF THE SHEETING RAILS C/W ALL NECESSARY MATCHING FLASHINGS & FIXINGS.

FIRE PROTECTION (GRID LINE 1)
PROVIDE ONE HOUR FIRE PROTECTION USING THE SHEETING MANF. INSIDE RAIL FIREWALL SYSTEM . INCLUDING TO FIRE RESISTANT PAINT THE EXPOSED STANCHIONS & BRICKWORK RESTRAINT.

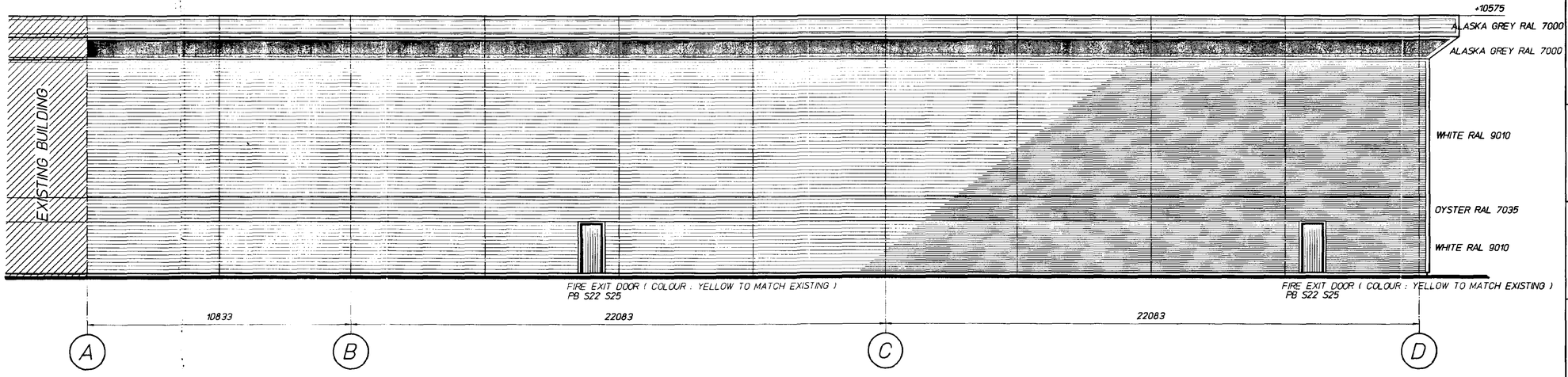
ROOF CLADDING
INSULATED CLADDING COMPRISING 0.7 THK. PVC PLASTISOL COATED (COLOUR : GOOSEWING GREY 10 A 05) GALV. STEEL WEATHERING SHEETS WITH ALL LAPS SEALED IN MASTIC C/W 30 THK. LG2 GRADE WHITE FACED INSULATION BOARD LAID IN GALV. STEEL TEE BAR SUPPORTS, FIXED IN AN OVER PURLIN POSITION & C/W ALL NECESSARY MATCHING FLASHINGS, FILLERS & FIXINGS

ROOFLIGHTS
5400 LG. DOUBLE SKIN SITE ASSEMBLED GRP TRANSLUCENT ROOFLIGHTS, COMPRISING OF AN SAB CLASS 3 WEATHERSHEET WITH SEALED BOX BOX LINER LIGHT, FIXED IN ACCORDANCE WIYH THE MANF. RECOMMENDATIONS TO COMPLY WITH THE CDM REGULATIONS.

ALL ROOF INSULATION BOARD JOINTS TO BE SEALED WITH 50 WIDE ALUMINIUM FOIL TAPE.

INTERNAL PARAPET
SINGLE SKIN CLADDING TO THE INTERNAL PARAPET AREAS ONLY, COMPRISING 0.7 THK. PVC PLASTISOL COATED (COLOUR : GOOSEWING GREY 10 A 05) GALVANISED STEEL WEATHERING SHEETS. FIXED IN AN OVER RAIL POSITION & C/W ALL NECESSARY MATCHING FLASHINGS, FILLERS & FIXINGS.

RAINWATER GOODS
3 THK. GALV. STEEL VALLEY GUTTERS, INSULATED BENEATH WITH 30 THK. LG2 GRADE WHITE FACED INSULATION BOARD, TOGETHER WITH UPVC DOWNPIPES DOWN TO FFL. GUTTERS TO BE PAINTED INSIDE WITH TWO COATS OF RIW HEVISEAL BITUMEN AFTER ERECTION & PROVIDE THE DOWNPIPES WITH RODDING ACCESS.



ELEVATION ON GRID LINE 1

DETERMINED PLAN

DRG No. KLE60 / 2 A

D.A.GREEN & SONS LTD.
WHAPLODE, SPALDING,
LINCS, PE12 6TL.
Tel: 01406 370585.
Fax: 01406 370766.

GENERAL NOTES.

A	EXISTING SIGN ADDED	MJW 12/7/00
	REVISIONS	BY DATE

DRAWN	MJW	20/6/00
CHECKED		
SCALE	1 / 100	

PROJECT
LAMMERS & VAN CLEEFF UK. LTD.

SITE
BRIDGE ROAD,
LITTLE SUTTON,
SPALDING,
LINCS.
PE12 9EF.

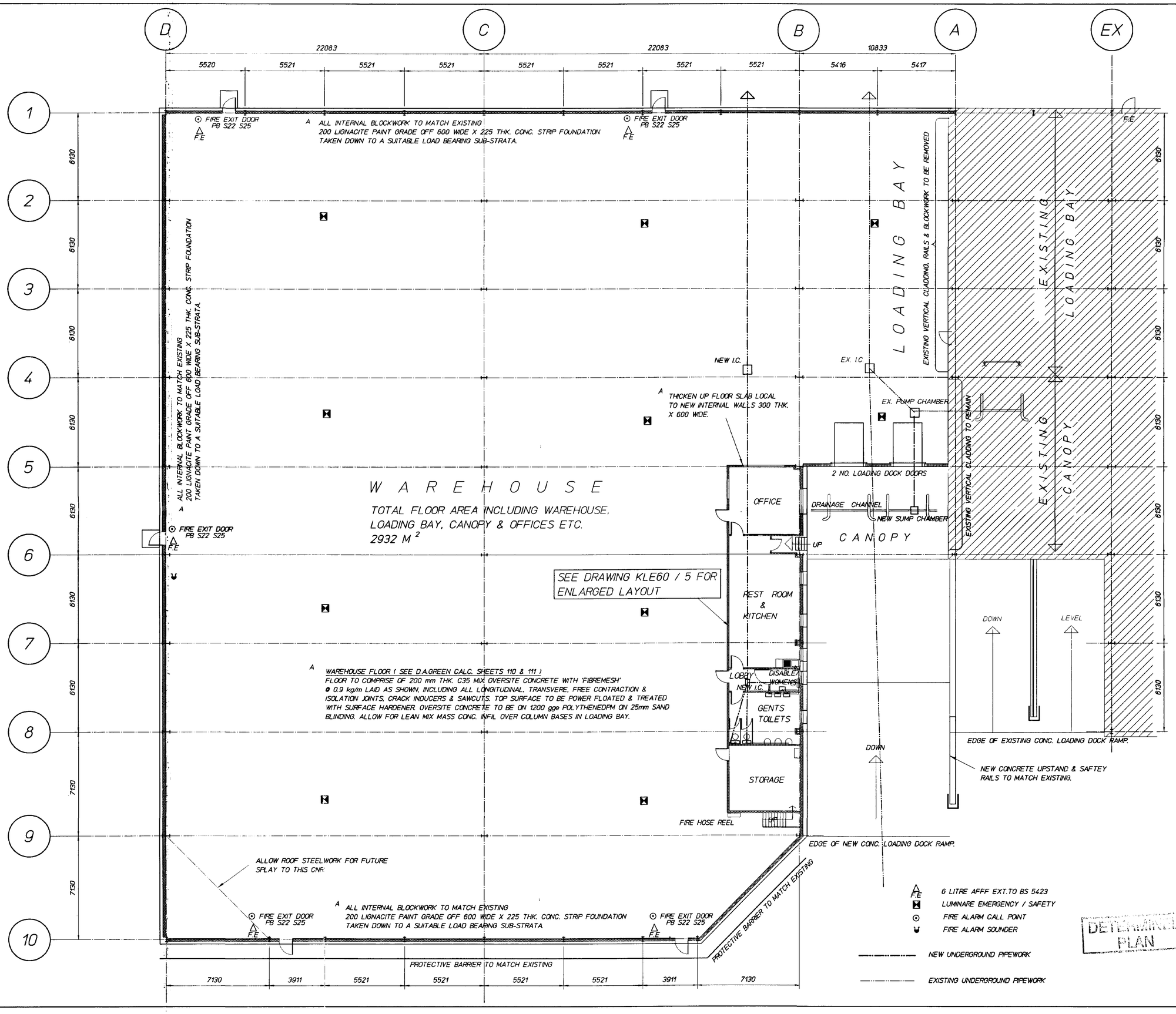
SOUTH HOLLAND DC
HOUSING & PLANNING
17 JUL 2000
Ref: S66/00

DETAILS
ELEVATIONS

Ref.

GREEN
STRUCTURAL

DRG No. KLE60 / 2 A



DRG No. KLE60 / 3 A

D.A.GREEN & SONS LTD.
WHAPLODE, SPALDING,
LINCS, PE12 6TL.
Tel: 01406 370585.
Fax: 01406 370766.

GENERAL NOTES.

REVISIONS	BY	DATE
A WAREHOUSE FLOOR CONSTRUCTION NOTE ADDED. FOUNDATION NOTE ADDED. FOUL DRAIN ADDED.	MJW	10/7/00

DRAWN	MJW	16/6/00
CHECKED		
SCALE	1 / 125	

PROJECT

LAMMERS & VAN CLEEFF UK. LTD.

SITE BRIDGE ROAD,
LITTLE SUTTON
SPALDING,
LINCS.
PE12 9EF.

SOUTH HOLLAND DC HOUSING & PLANNING 17 JUL 2000 Ref: 866/00

DETAILS

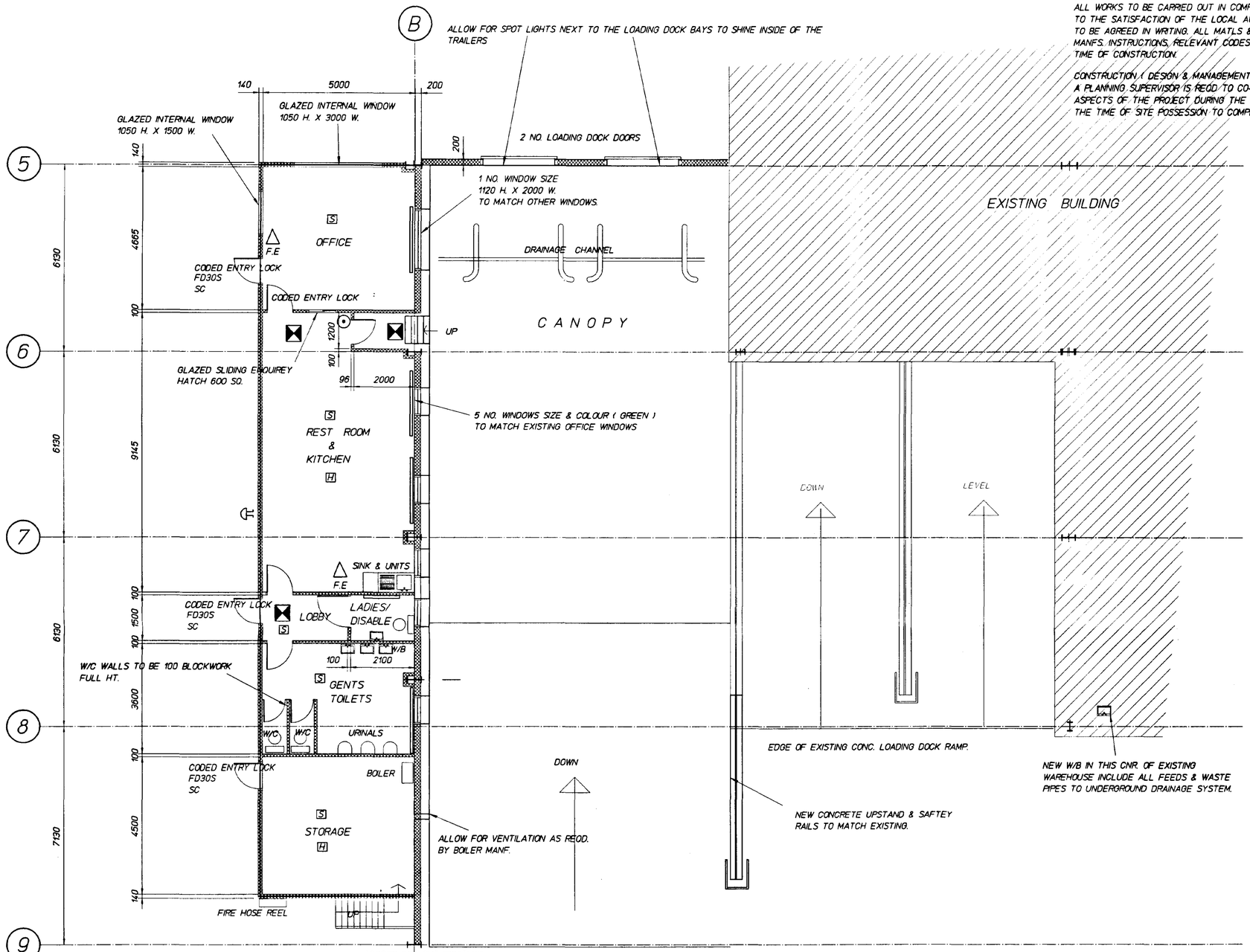
FLOOR PLAN

AMENDED PLAN Ref.

DETERMINED PLAN

GREEN
STRUCTURAL

DRG No. KLE60 / 3 A



GENERAL
ALL WORKS TO BE CARRIED OUT IN COMPLIANCE WITH THE BUILDING REGULATIONS TO THE SATISFACTION OF THE LOCAL AUTHORITY BUILDING INSPECTOR. ANY VARIATION TO BE AGREED IN WRITING. ALL MATLS & COMPONENTS TO BE INSTALLED STRICTLY TO MANFS. INSTRUCTIONS, RELEVANT CODES OF PRACTICE & BRITISH STDS CURRENT AT TIME OF CONSTRUCTION.

CONSTRUCTION (DESIGN & MANAGEMENT) REGS. 1994 (CDM)
A PLANNING SUPERVISOR IS REQD. TO CO-ORDINATE THE HEALTH & SAFETY ASPECTS OF THE PROJECT DURING THE CONSTRUCTION PERIOD FROM THE TIME OF SITE POSSESSION TO COMPLETION HANDOVER TO THE CLIENT

LUMINAIRE EMERGENCY SELF CONTAINED
BREAK GLASS CALL POINT
ALARM SOUNDER
S SMOKE DETECTOR
H HEAT DETECTOR
MIN. HALF HOUR FIRE RESISTANT WALL.
6L.AFFF F.E

OFFICE, RESTROOM, TOILETS & STORE
VINYL FLOORING IN ALL ROOMS EXCEPT THE STORAGE ROOM THIS TO BE PAINTED.
HEATING REQD IN ALL ROOMS EXCEPT THE STORAGE ROOM. SEE DRAWING.
TOILETS : SPLASH BACK TILES AROUND WASH BASINS, TILES TO WINDOW CILLS & MIRRORS ABOVE WASH BASINS.
KITCHEN AREA : SPLASH BACK TILES ABOVE SINK UNITS. TILES TO WINDOW CILLS.
RENDER,SKIM & PAINT ALL INTERNAL BLOCKWORK WALLS EXCEPT THE STORAGE ROOM, THIS TO BE FAIR FACED BLOCKWORK WITH FLUSH MORTAR JOINTS. SKIRTING BOARDS TO ALL ROOMS EXCEPT STORAGE ROOM.
FLAT ROOF TO BE 38 T&G CHIPBOARD DECKING OFF TIMBER JOISTS SUPPORTED OFF BLOCKWORK WALLS. 12 PLASTERBOARD & SKIM.
OFFICE BLOCKWORK TO BE 140 THK. & 100 THK. 3.5 N/mm

ALL WINDOWS TO HAVE TRICKLE VENTS TO GIVE 4000mm VENTILATION
WINDOWS: ANY GLASS WITHIN 800mm ABOVE FFL TO BE TOUGHENED.
DOORS: ANY GLASS WITHIN 1500mm ABOVE FFL TO BE TOUGHENED.
ALL GLAZING TO COMPLY WITH BS 6206 STD.
ALL LINTOLS TO BE INSTALLED & LAID TO MANF. INSTRUCTIONS WITH MIN. 150 END BEARING.

ALLOW FOR SPOT LIGHTS NEXT TO THE LOADING DOCK BAYS TO SHINE INSIDE OF THE TRAILERS

ACCESS FOR THE DISABLED
THE BUILDING IS TO COMPLY WITH ALL RELEVANT SECTIONS OF DOCUMENT M OF THE BUILDING REGULATIONS 1992 SECOND IMPRESSION WITH AMENDMENTS & BS 5810 1979 ACCESS FOR THE DISABLED TO BUILDINGS.THE DISABLED W/C COMPARTMENT IS TO BE FITTED OUT WITH EQUIPMENT & GRAB RAILS AS DETAILED IN SECTION 4 OF APPROVED DOCUMENT M DIAGRAM 16.

ELECTRICS
SOCKETS / OUTLETS / LIGHTING POINTS TO I.E.E. REGULATIONS & TO N.H.B.C. STD.
POSITIONS TO BE AGREED WITH CLIENT PRIOR TO FITTING.

STAIRWAY (UP TO LIGHT STORAGE AREA ABOVE GROUND FLOOR ROOMS)
STEEL OPEN RISER STAIRWAY,MIN. WIDTH 800mm UNOBSTRUCTED,MAX 42 PITCH 190mm MAX. RISE 250mm MIN. GOING, CLEAR HEADROOM OVER LENGTH & WIDTH OF AT LEAST 2M. HANDRAILS ON AT LEAST ONE SIDE BETWEEN 840mm & 1000mm HEIGH MEASURED VERTICAL ABOVE PITCH LINE. LANDING AT TOP TO BE LEVEL & CLEAR OF ANY PERMINANT OBSTRUCTION WIDTH / DEPTH AT LEAST AS GREAT AS WIDTH OF FLIGHT. HEIGHT OF GUARDING ON FIRST FLOOR TO BE 1100mm SO CONSTRUCTED SO THAT A 100mm DIA. SPHERE CANNOT PASS THRO. ALL ABOVE HANDRAILS / GUARDING SO CONSTRUCTED TO GIVE FIRM SUPPORT. PROVIDE GATE TO ALLOW ACCESS ONTO THE LIGHT STORAGE AREA.

LIGHTING
DETAILS OF THE LIGHTING SCHEDULE TO BE PROVIDED FOR THE APPROVAL BY THE LOCAL AUTHORITY TO SHOW COMPLIANCE OF PART L OF THE BUILDING REGS. IS BEING ACHIEVED.

VENTILATION REQUIRMENTS
DETAILS OF THE VENTILATION SYSTEM SHALL BE PROVIDED TO THE LOCAL AUTHORITY FOR APPROVAL.

ALL OUTSIDE SURFACES FROM FIRE EXIT DOORS TO BE REASONABLEY LEVEL / FLUSH TO ENABLE DISABLE ESCAPE (CONC./TARMAC PATHS NOT GRAVEL)
ALL FIRE EXIT DOORS TO HAVE LEVEL APPROACHES WITH NO SLOPE EXCEEDING 1 IN 20. CONC. APRON OUTSIDE MIN. 1200 SQ.
FIRE EXIT DOORS TO OPEN OUT C/W PANIC BAR & SIGN "PUSH BAR TO OPEN". ALL FIRE EXIT SYMBOLS ETC. TO B.S. 1635 : 1990 & BS 5499 PT1 1990. (FIRE SAFETY SIGNS, NOTICES & GRAPHIC SYMBOLS). DOORS ON ESCAPE ROUTES BOTH WITHIN & AT THE FINAL EXIT FROM THE BUILDING SHOULD BE READILY OPENABLE FROM THE SIDE APPROACHED BY THE PERSONS MAKING ESCAPE.IF MORE THAN 20 PEOPLE ARE TO BE EMPLOYED IN ANY ONE UNIT AN ELECTRICAL FIRE ALARM INSTALLATION IS TO BE INSTALLED SO AS TO BE CLEARLY AUDIBLE THROUGHOUT THE WHOLE UNIT WITH BREAK GLASS ACTIVATING POINTS POSITIONED BESIDE EXIT DOOR.
FIRE EXTINGGUISHING INSTALATION & EQUIPMENT.
BS 5306 PT1 : 1976 HYDRANT SYSTEMS,HOSE REELS & FOAM INLETS
BS 5306 PT2 : 1990 SPECIFICATION FOR SPRINKLER SYSTEMS
FIRE ALARMS IN ACCORDANCE WITH BS 5839
FIRE FIGHTING EQUIPMENT & NOTICES WILL BE REQUIRED AS INDICATED
ALL MEANS OF ESCAPE ROUTES SHOULD BE PROVIDED WITH ADEQUATE ARTIFICIAL LIGHTING. EMERGENCY LIGHTING TO BE IN ACCORDANCE WITH BS 5266 PT1 1988.
FIRE AUTHORITY TO BE CONSULTED REGARDING FIRE FIGHTING EQUIPMENT & ASSOCIATED MATTERS.

DRG No. KLE60 / 6

D.A.GREEN & SONS LTD.
WHAPLODE, SPALDING,
LINCS, PE12 6TL.
Tel: 01406 370585.
Fax: 01406 370766.

GENERAL NOTES.

REVISIONS	BY	DATE

DRAWN	MJW	26/6/00
CHECKED		
SCALE	1 / 75	

PROJECT
LAMMERS & VAN CLEEFF UK. LTD.

SITE
BRIDGE ROAD,
LITTLE SUTTON,
SPALDING,
LINCS.
PE12 9EF.

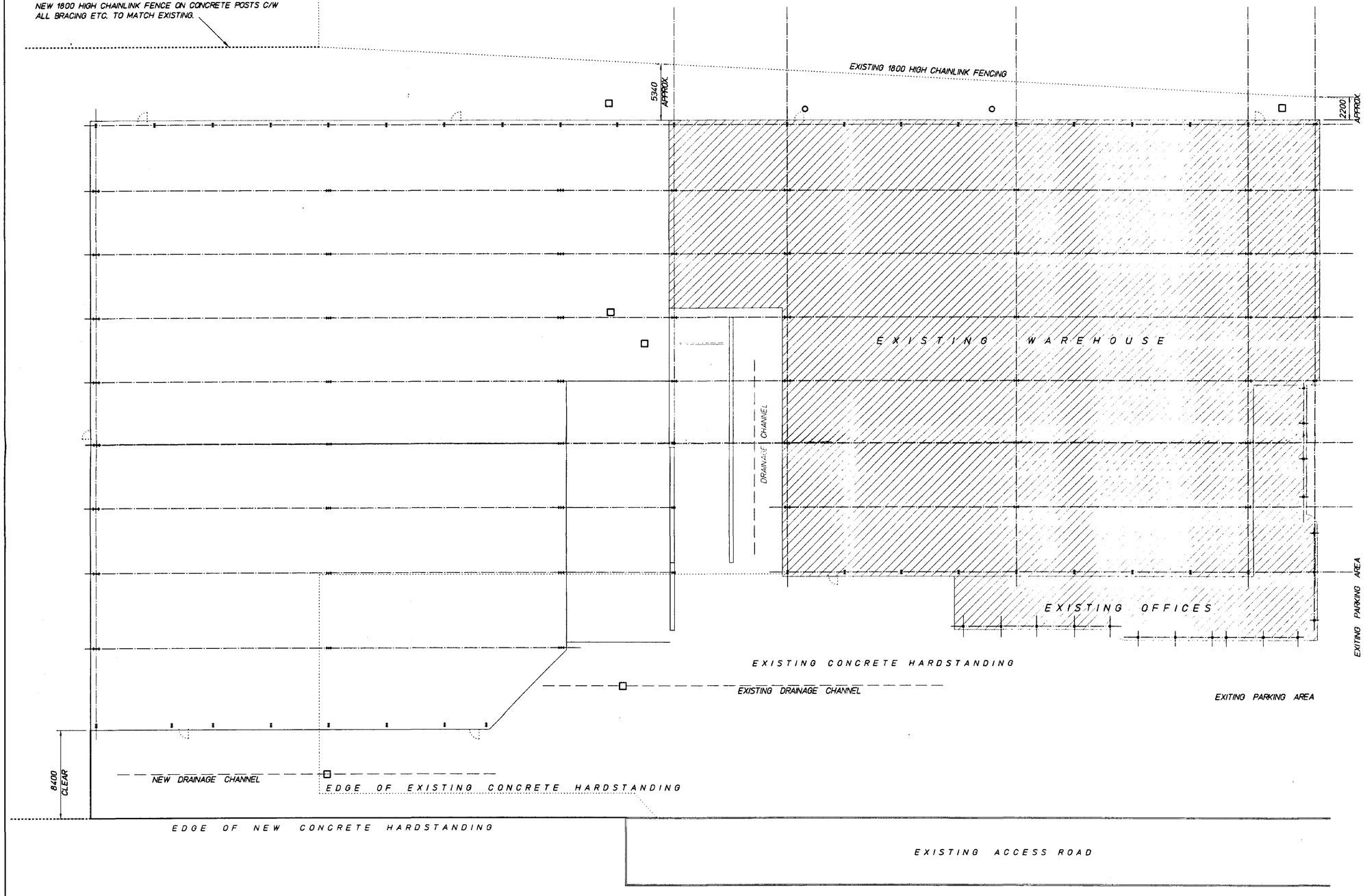
DETAILS
OFFICE LAYOUT

GREEN
STRUCTURAL

DRG No. KLE60 / 6

10 JUL 2000

DRAINS
POLYDRAIN OR SIMILAR APPROVED. UPVC LAID TO A SELF CLEANSING GRADIENT. ALL JUNCTIONS TO HAVE SLOW BENDS. PROTECT ALL DRAINS NOT HAVING 600 COVER WITH CONC. SLABS / PATH. IF LAID UNDER ROAD PROVIDE CONC. HAUNCHING OVER. PIPES TO LAID ON SELECTED BACKFILL & GRANULAR BED. ANY V.P'S TO EXTEND 900 ABOVE WINDOW HEADS & TERMINATE IN BALLON FINAL. 75 DEEPSEAL TRAPS & RODDING POINTS TO ALL WASTE PIPES. DRAINS TO HAVE MIN. 1 IN 80 FALL.



DRAINAGE LAYOUT

DRG No. KLE60 / 5

D.A.GREEN & SONS LTD.
WHAPLODE, SPALDING,
LINCS, PE12 6TL.
Tel: 01406 370585.
Fax: 01406 370766.

GENERAL NOTES.

REVISIONS	BY	DATE

DRAWN	MJW	15/6/00
CHECKED		
SCALE	1 / 200	

PROJECT

LAMMERS & VAN CLEEFF UK. LTD.

SITE BRIDGE ROAD,
LITTLE SUTTON,
SPALDING,
LINCS.
PE12 9EF.

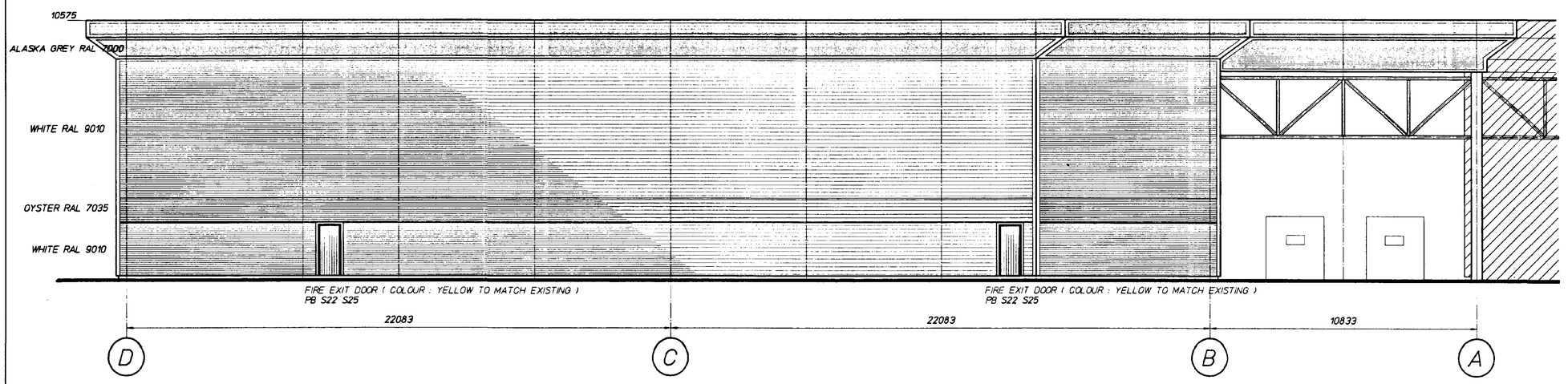
DETAILS

DRAINAGE LAYOUT

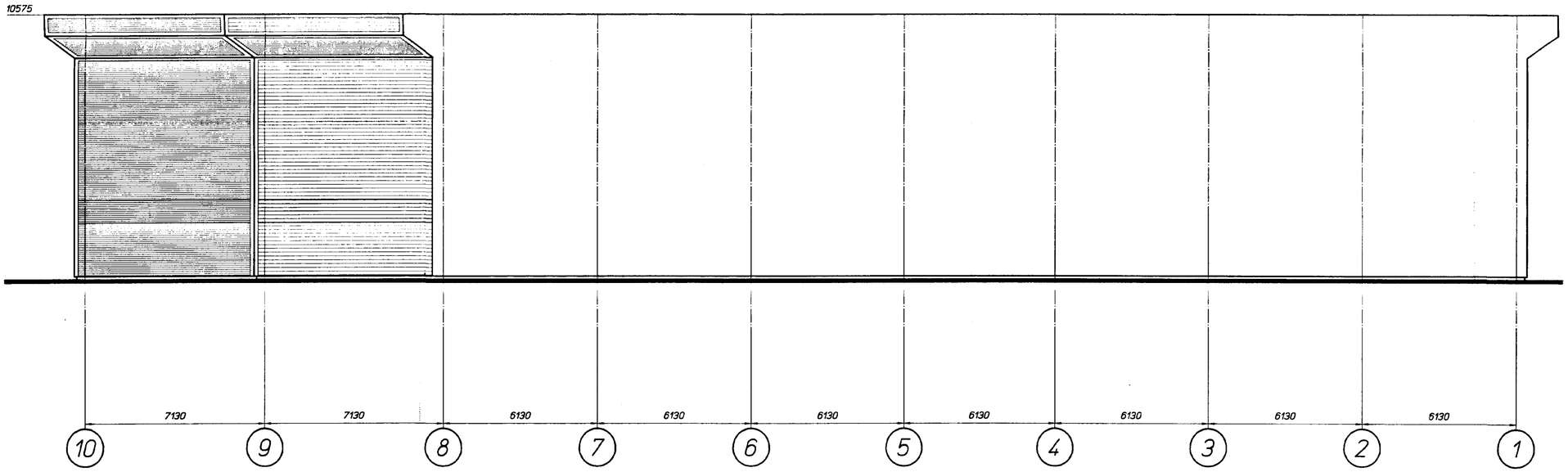
GREEN
STRUCTURAL

DRG No. KLE60 / 5

10 JUL 2000



ELEVATION ON GRID LINE 10



PART ELEVATION ON GRID LINE B

DRG No. KLE60 / 4

D.A.GREEN & SONS LTD.
WHAPLODE, SPALDING,
LINCS, PE12 6TL.
Tel: 01406 370585.
Fax: 01406 370766.

GENERAL NOTES.

REVISIONS	BY	DATE

DRAWN	MJW	20/6/00
CHECKED		
SCALE	1 / 100	

PROJECT

LAMMERS & VAN CLEEFF UK. LTD.

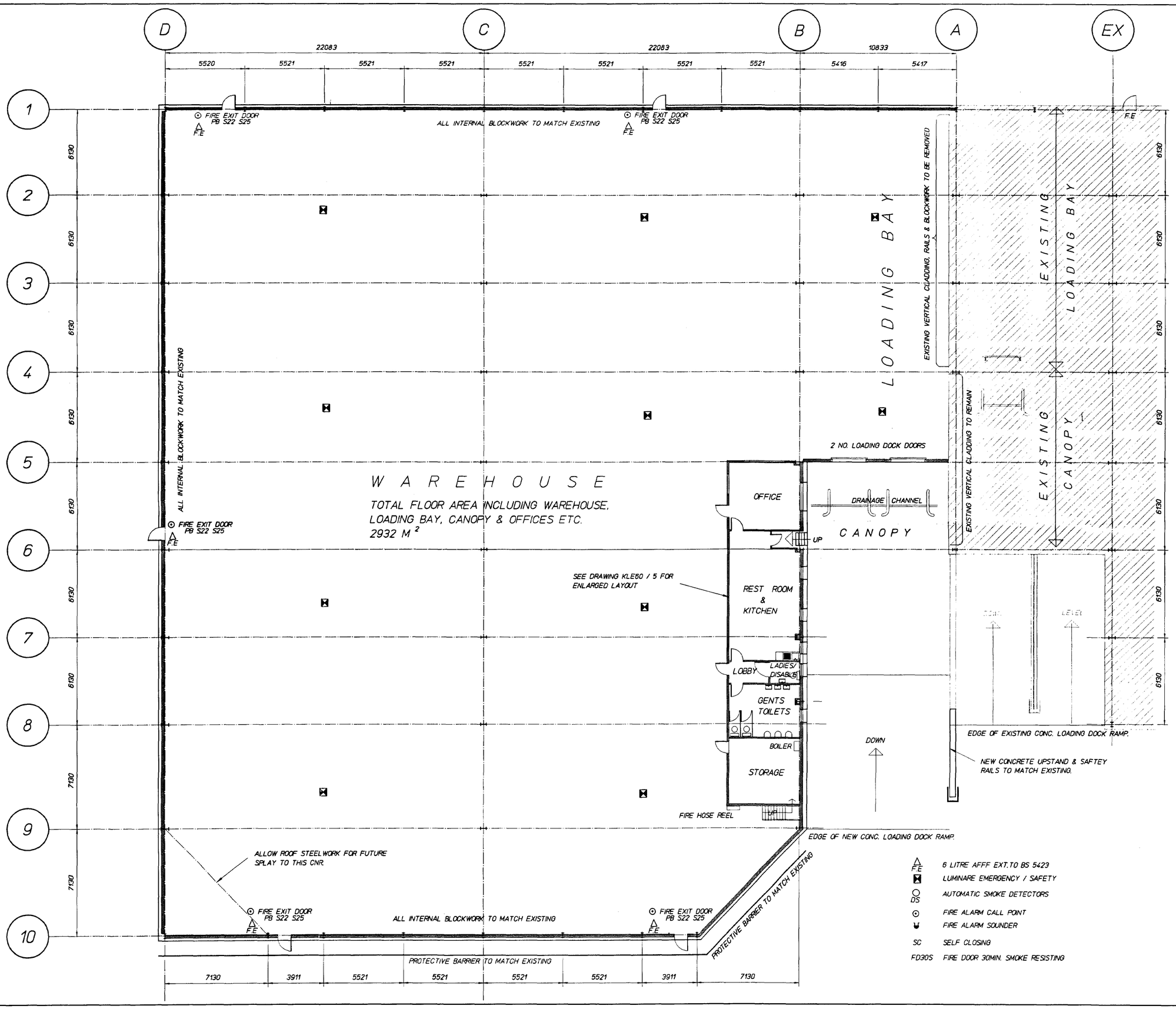
SITE BRIDGE ROAD,
LITTLE SUTTON,
SPALDING,
LINCS.
PE12 9EF.

DETAILS

ELEVATIONS ON GRID LINES 10 & B

GREEN
STRUCTURAL

DRG No. KLE60 / 4



DRG No. KLE60 / 3

D.A.GREEN & SONS LTD.
WHAPLODE, SPALDING,
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Fax: 01406 370766.

GENERAL NOTES.

REVISIONS	BY	DATE

DRAWN	MJW	16/6/00
CHECKED		
SCALE	1 / 125	

PROJECT

LAMMERS & VAN CLEEFF UK. LTD.

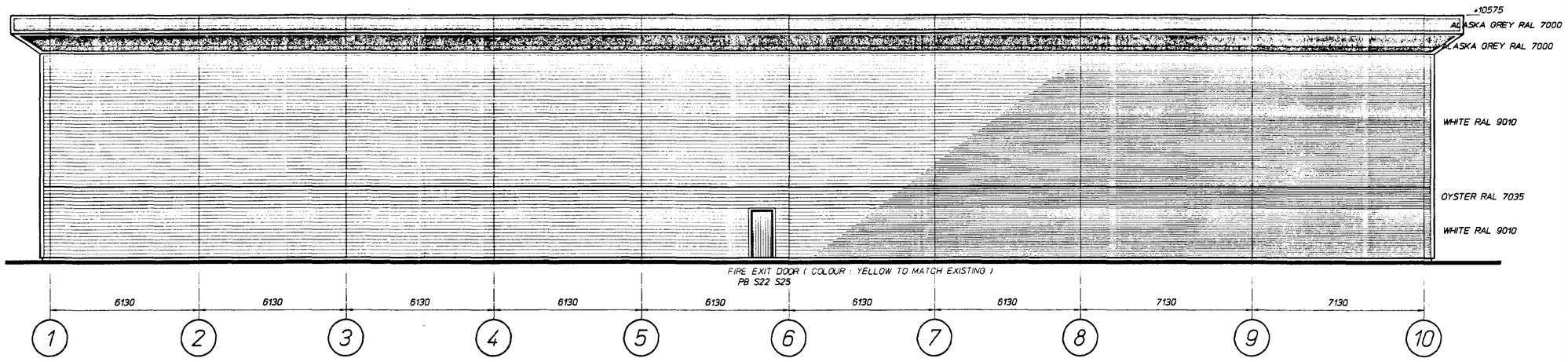
SITE BRIDGE ROAD,
LITTLE SUTTON,
SPALDING,
LINCS.
PE12 9EF.

DETAILS

FLOOR PLAN

GREEN
STRUCTURAL

DRG No. KLE60 / 3



ELEVATION ON GRID LINE D

VERTICAL CLADDING (ALL ELEVATIONS)
SINGLE SKIN CLADDING TO WALL AREAS ONLY, COMPRISING OF CC1000 AW 0.7 THK. PVF2 (COLOUR : WHITE RAL 9010) GALV. STEEL WEATHERING SHEETS FIXED HORIZONTALLY TO VERTICAL GALVANISED ZED SUPPORTS (60 DEEP), FIXED IN AN OVER RAIL POSITION & C/W ALL NECESSARY FLASHINGS, FILLERS & FIXINGS. FEATURE BAND OF SAME PROFILE (COLOUR : OYSTER RAL 7035).
ALL FLASHINGS / TRIMS TO THE WALL AREAS TO BE ALASKA GREY RAL 7000 COLOUR (TO MATCH EXISTING)

FASCIA / SLOPING SOFFIT (ALL ELEVATIONS)
SINGLE SKIN CLADDING TO FASCIA / SLOPING SOFFIT AREAS ONLY, COMPRISING 0.7 THK. PVF2 (COLOUR : ALASKA GREY RAL 7000) GALV. STEEL WEATHERING SHEETS FIXED IN AN OVER RAIL POSITION C/W ALL NECESSARY MATCHING FLASHINGS & FIXINGS.

INTERNAL LINING (ALL ELEVATIONS)
0.4 THK. GALV. WHITE ENAMEL COATED STEEL LINER PANELS, FIXED ABOVE 7M HIGH INTERNAL BLOCKWORK TO THE INSIDE FACE OF THE SHEETING RAILS C/W ALL NECESSARY MATCHING FLASHINGS & FIXINGS.

FIRE PROTECTION (GRID LINE 1)
PROVIDE ONE HOUR FIRE PROTECTION USING THE SHEETING MANF. INSIDE RAIL FIREWALL SYSTEM , INCLUDING TO FIRE RESISTANT PAINT THE EXPOSED STANCHIONS & BRICKWORK RESTRAINT.

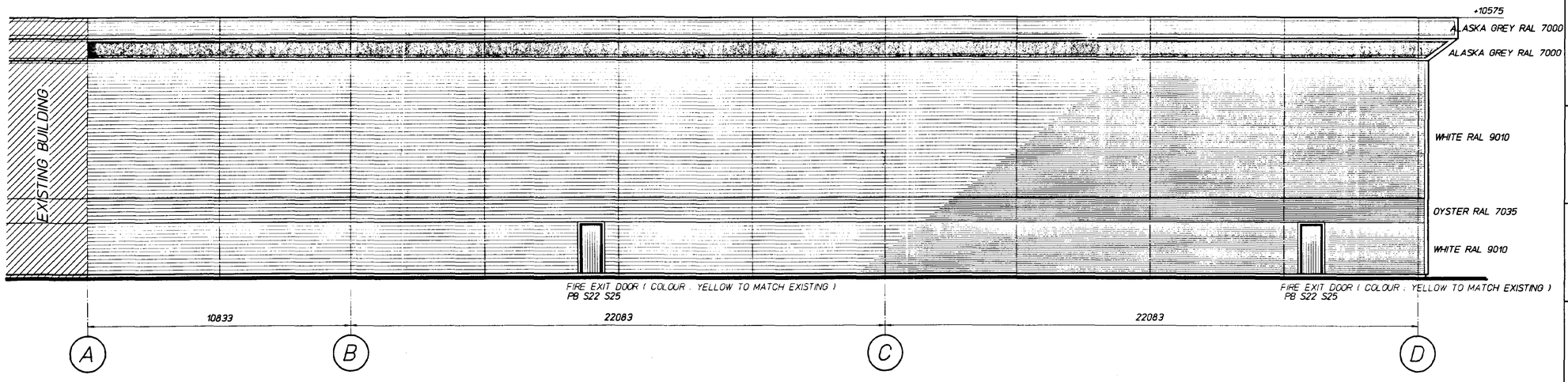
ROOF CLADDING
INSULATED CLADDING COMPRISING 0.7 THK. PVC PLASTISOL COATED (COLOUR : GOOSEWING GREY 10 A 05) GALV. STEEL WEATHERING SHEETS WITH ALL LAPS SEALED IN MASTIC C/W 30 THK. LG2 GRADE WHITE FACED INSULATION BOARD LAID IN GALV. STEEL TEE BAR SUPPORTS, FIXED IN AN OVER PURLIN POSITION & C/W ALL NECESSARY MATCHING FLASHINGS, FILLERS & FIXINGS.

ROOFLIGHTS
5400 LG. DOUBLE SKIN SITE ASSEMBLED GRP TRANSLUCENT ROOFLIGHTS, COMPRISING OF AN SAB CLASS 3 WEATHERSHEET WITH SEALED BOX BOX LINER LIGHT, FIXED IN ACCORDANCE WIYH THE MANF. RECOMMENDATIONS TO COMPLY WITH THE CDM REGULATIONS.

ALL ROOF INSULATION BOARD JOINTS TO BE SEALED WITH 50 WIDE ALUMINIUM FOIL TAPE.

INTERNAL PARAPET
SINGLE SKIN CLADDING TO THE INTERNAL PARAPET AREAS ONLY, COMPRISING 0.7 THK. PVC PLASTISOL COATED (COLOUR : GOOSEWING GREY 10 A 05) GALVANISED STEEL WEATHERING SHEETS, FIXED IN AN OVER RAIL POSITION & C/W ALL NECESSARY MATCHING FLASHINGS, FILLERS & FIXINGS.

RAINWATER GOODS
3 THK. GALV. STEEL VALLEY GUTTERS, INSULATED BENEATH WITH 30 THK. LG2 GRADE WHITE FACED INSULATION BOARD, TOGETHER WITH UPVC DOWNPIPES DOWN TO FFL. GUTTERS TO BE PAINTED INSIDE WITH TWO COATS OF RW HEVISEAL BITUMEN AFTER ERECTION & PROVIDE THE DOWNPIPES WITH RODDING ACCESS.



ELEVATION ON GRID LINE 1

DRG No. KLE60 / 2

D.A.GREEN & SONS LTD.
WHAPLODE, SPALDING,
LINCS, PE12 6TL.
Tel: 01406 370585.
Fax: 01406 370766.

GENERAL NOTES.

REVISIONS	BY	DATE

DRAWN	MJW	20/6/00
CHECKED		
SCALE	1 / 100	

PROJECT
LAMMERS & VAN CLEEFF UK. LTD.

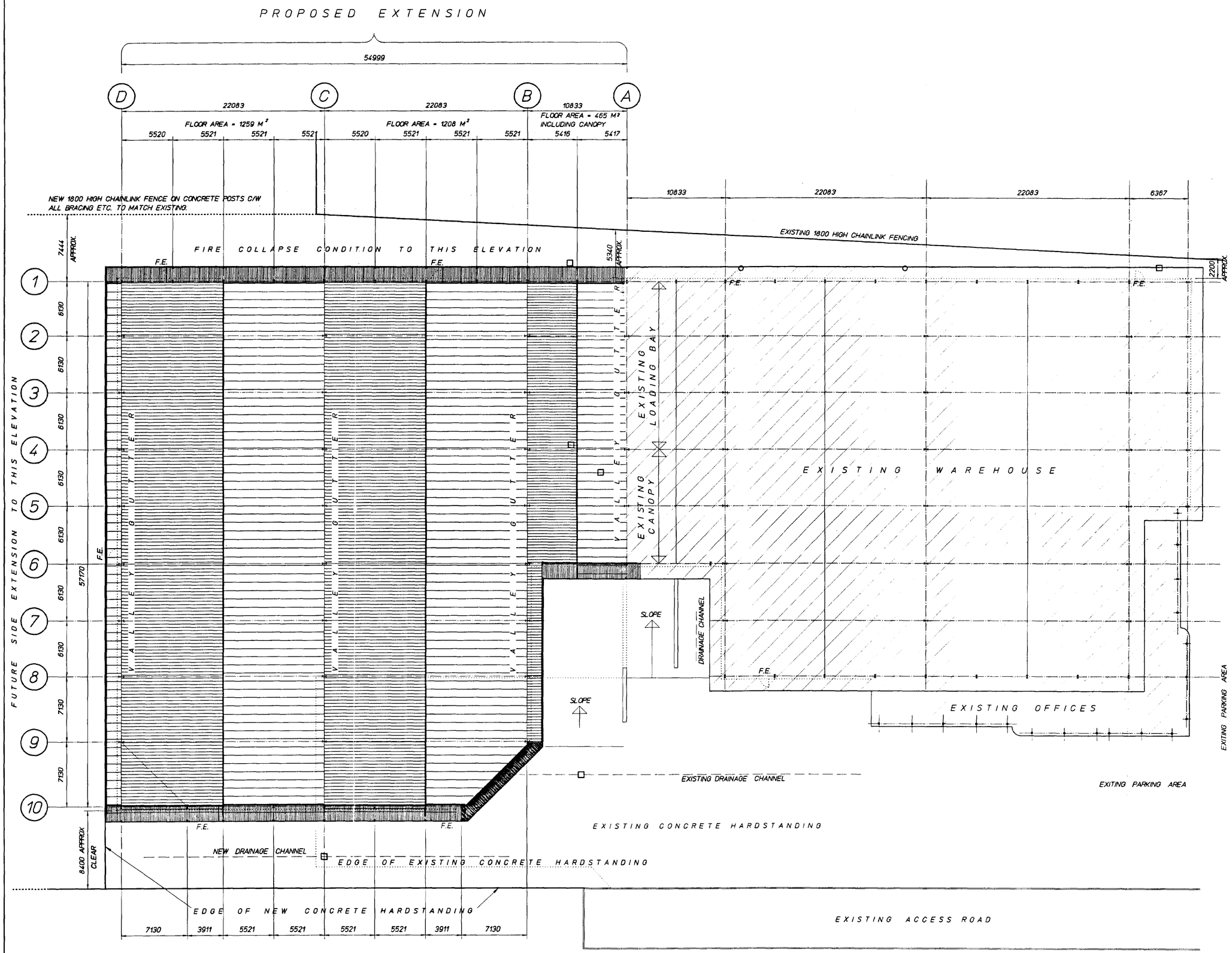
SITE BRIDGE ROAD,
LITTLE SUTTON,
SPALDING,
LINCS.
PE12 9EF.

DETAILS
ELEVATIONS

GREEN
STRUCTURAL

DRG No. KLE60 / 2

10 JUL 2000



DRG No. KLE60 / 1

D.A.GREEN & SONS LTD.
WHAPLODE, SPALDING,
LINCS, PE12 6TL.
Tel: 01406 370585.
Fax: 01406 370766.

GENERAL NOTES.

REVISIONS	BY	DATE

DRAWN	MJW	15/6/00
CHECKED		
SCALE	1 / 200	

PROJECT

LAMMERS & VAN CLEEFF UK. LTD.

SITE BRIDGE ROAD,
LITTLE SUTTON,
SPALDING,
LINCS.
PE12 9EF.

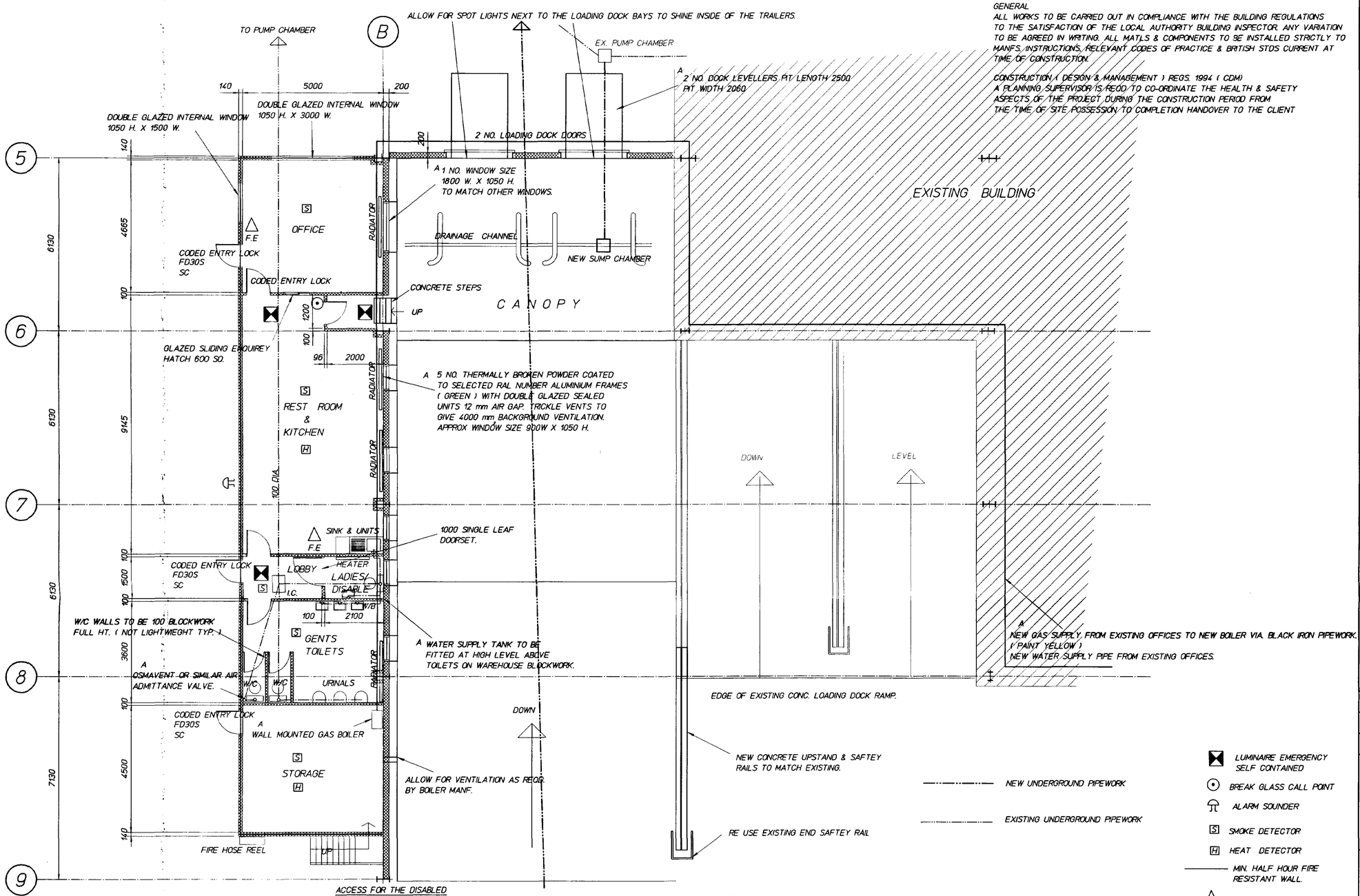
DETAILS

ROOF PLAN

ROOFLIGHTS NOT SHOWN

GREEN
STRUCTURAL

DRG No. KLE60 / 1



GENERAL
ALL WORKS TO BE CARRIED OUT IN COMPLIANCE WITH THE BUILDING REGULATIONS TO THE SATISFACTION OF THE LOCAL AUTHORITY BUILDING INSPECTOR. ANY VARIATION TO BE AGREED IN WRITING. ALL MATLS & COMPONENTS TO BE INSTALLED STRICTLY TO MANFS. INSTRUCTIONS, RELEVANT CODES OF PRACTICE & BRITISH STDS CURRENT AT TIME OF CONSTRUCTION.

CONSTRUCTION (DESIGN & MANAGEMENT) REGS. 1994 (CDM)
A PLANNING SUPERVISOR IS REQD TO CO-ORDINATE THE HEALTH & SAFETY ASPECTS OF THE PROJECT DURING THE CONSTRUCTION PERIOD FROM THE TIME OF SITE POSSESSION TO COMPLETION HANDOVER TO THE CLIENT

OFFICE, RESTROOM, TOILETS & STORE
VINYL FLOORING IN ALL ROOMS EXCEPT THE STORAGE ROOM THIS TO BE PAINTED.
HEATING REQD IN ALL ROOMS EXCEPT THE STORAGE ROOM. SEE DRAWING.
TOILETS : SPLASH BACK TILES AROUND WASH BASINS. TILES TO WINDOW CILLS & MIRRORS ABOVE WASH BASINS.
KITCHEN AREA : SPLASH BACK TILES ABOVE SINK UNITS. TILES TO WINDOW CILLS.
RENDER, SKIM & PAINT ALL INTERNAL BLOCKWORK WALLS EXCEPT THE STORAGE ROOM, THIS TO BE FAIR FACED BLOCKWORK WITH FLUSH MORTAR JOINTS. SKIRTING BOARDS TO ALL ROOMS EXCEPT STORAGE ROOM. ALL BLOCKWORK WALLS ON WAREHOUSE SIDE TO BE FAIR FACED WITH FLUSH MORTAR JOINTS. FLAT ROOF TO BE 38 T&G CHIPBOARD
A DECKING OFF METSEC 'C' SECTION JOISTS @ 600 CRS FITTED TO MANF. INSTRUCTIONS. SUPPORTED OFF BLOCKWORK WALLS. 100 F/G INSULATION BETWEEN. INSTALL 1200X600 OR 600X600 ARMSTRONG OR SIMILAR CLASS O TILES IN GRID SYSTEM C/W MODULAR LIGHT PANELS, INCORPORATE INTEGERAL EMERGENCY LIGHT PACKS AS REQD.
OFFICE BLOCKWORK TO BE 140 & 100 3.5 N/M

A MECHANICAL VENTILATION (KITCHEN)
PROVIDE MECHANICAL VENTILATION TO GIVE A MIN. AIRFLOW OF NOT LESS THAN 60 LITRES PER SECOND.
WINDOWS: ANY GLASS WITHIN 800mm ABOVE FFL TO BE TOUGHENED.
DOORS: ANY GLASS WITHIN 1500mm ABOVE FFL TO BE TOUGHENED.
ALL GLAZING TO COMPLY WITH BS 6206 STD.
ALL LINTOLS TO BE INSTALLED & LAID TO MANF. INSTRUCTIONS WITH MIN. 150 END BEARING.

ALLOW FOR SPOT LIGHTS NEXT TO THE LOADING DOCK BAYS TO SHINE INSIDE OF THE TRAILERS

ACCESS FOR THE DISABLED
THE BUILDING IS TO COMPLY WITH ALL RELEVANT SECTIONS OF DOCUMENT M OF THE BUILDING REGULATIONS 1992 SECOND IMPRESSION WITH AMENDMENTS & BS 5810 1979 ACCESS FOR THE DISABLED TO BUILDINGS. THE DISABLED W/C COMPARTMENT IS TO BE FITTED OUT WITH EQUIPMENT & GRAB RAILS AS DETAILED IN SECTION 4 OF APPROVED DOCUMENT M DIAGRAM 16.

ELECTRICS
SOCKETS / OUTLETS / LIGHTING POINTS TO I.E.E. REGULATIONS & TO N.H.B.C. STD.
POSITIONS TO BE AGREED WITH CLIENT PRIOR TO FITTING.

STAIRWAY (UP TO LIGHT STORAGE AREA ABOVE GROUND FLOOR ROOMS)
A TIMBER OPEN RISER STAIRWAY, MIN. WIDTH 800mm UNOBSTRUCTED. MAX 42 PITCH 190mm MAX. RISE 250mm MIN. GOING, CLEAR HEADROOM OVER LENGTH & WIDTH OF AT LEAST 2M. HANDRAILS ON AT LEAST ONE SIDE BETWEEN 840mm & 1000mm HEIGH MEASURED VERTICAL ABOVE PITCH LINE. LANDING AT TOP TO BE LEVEL & CLEAR OF ANY PERMINANT OBSTRUCTION WIDTH / DEPTH AT LEAST AS GREAT AS WIDTH OF FLIGHT. HEIGHT OF GUARDING ON FIRST FLOOR TO BE 1100mm SO CONSTRUCTED TO GIVE FIRM SUPPORT, PROVIDE GATE OR SIMILAR TO ALLOW ACCESS ONTO THE LIGHT STORAGE AREA FOR PALLETS.

ALL OUTSIDE SURFACES FROM FIRE EXIT DOORS TO BE REASONABLEY LEVEL / FLUSH TO ENABLE DISABLE ESCAPE (CONC./TARMAC PATHS NOT GRAVEL)
ALL FIRE EXIT DOORS TO HAVE LEVEL APPROACHES WITH NO SLOPE EXCEEDING 1 IN 20. CONC. APRON OUTSIDE MIN. 1200 SQ.
FIRE EXIT DOORS TO OPEN OUT C/W PANIC BAR & SIGN "PUSH BAR TO OPEN". ALL FIRE EXIT SYMBOLS ETC. TO B.S. 1635 : 1990 & BS 5499 PT1 1990. (FIRE SAFETY SIGNS, NOTICES & GRAPHIC SYMBOLS). DOORS ON ESCAPE ROUTES BOTH WITHIN & AT THE FINAL EXIT FROM THE BUILDING SHOULD BE READILY OPENABLE FROM THE SIDE APPROACHED BY THE PERSONS MAKING ESCAPE. IF MORE THAN 20 PEOPLE ARE TO BE EMPLOYED IN ANY ONE UNIT AN ELECTRICAL FIRE ALARM INSTALLATION IS TO BE INSTALLED SO AS TO BE CLEARLY AUDIBLE THROUGHOUT THE WHOLE UNIT WITH BREAK GLASS ACTIVATING POINTS POSITIONED BESIDE EXIT DOOR.
FIRE EXTINGUISHING INSTALATION & EQUIPMENT.
BS 5306 PT1 : 1976 HYDRANT SYSTEMS, HOSE REELS & FOAM INLETS
BS 5306 PT2 : 1990 SPECIFICATION FOR SPRINKLER SYSTEMS
FIRE ALARMS IN ACCORDANCE WITH BS 5839
FIRE FIGHTING EQUIPMENT & NOTICES WILL BE REQUIRED AS INDICATED
ALL MEANS OF ESCAPE ROUTES SHOULD BE PROVIDED WITH ADEQUATE ARTIFICIAL LIGHTING. EMERGENCY LIGHTING TO BE IN ACCORDANCE WITH BS 5266 PT1 1988.
FIRE AUTHORITY TO BE CONSULTED REGARDING FIRE FIGHTING EQUIPMENT & ASSOCIATED MATTERS.

DETERMINED PLAN

DRG No. KLE60 / 6 A

D.A.GREEN & SONS LTD.
WHAPLODE, SPALDING,
LINCS, PE12 6TL.
Tel: 01406 370585.
Fax: 01406 370766.

GENERAL NOTES.

NEW W/B IN THIS CNR OF EXISTING WAREHOUSE INCLUDE ALL FEEDS & WASTE PIPES TO UNDERGROUND DRAINAGE SYSTEM.

REVISIONS	BY	DATE
A NOTES ADDED, DRAIN RUN ADDED.	MJW	18/7/00

DRAWN	MJW	26/6/00
CHECKED		
SCALE	1 / 75	

PROJECT
LAMMERS & VAN CLEEFF UK. LTD.

SOUTH HOLLAND DC HOUSING & PLANNING
17 JUL 2000
Ref: S66/00

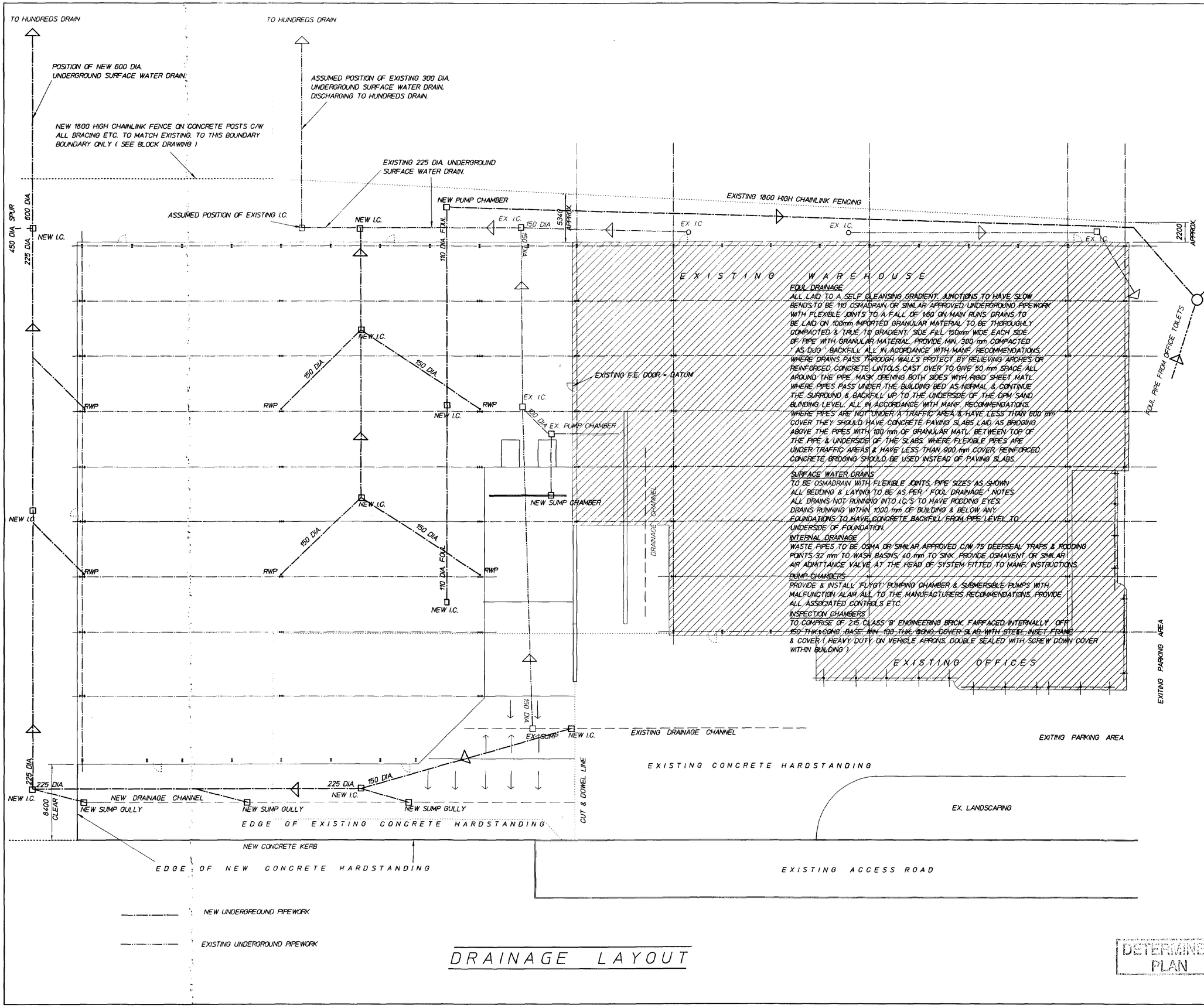
SITE BRIDGE ROAD, LITTLE SUTTON, SPALDING, LINCS. PE12 9EF

AMENDED PLAN
Ref.

DETAILS
OFFICE LAYOUT

GREEN
STRUCTURAL

DRG No. KLE60 / 6 A



DRAINAGE LAYOUT

DETERMINED PLAN

GENERAL NOTES.

FOUL DRAINAGE
ALL LAID TO A SELF CLEANSING GRADIENT. JUNCTIONS TO HAVE SLOW BENDS.TO BE 110 OSMADRAIN OR SIMILAR APPROVED UNDERGROUND PIPEWORK WITH FLEXIBLE JOINTS TO A FALL OF 1:60 ON MAIN RUNS. DRAINS TO BE LAID ON 100mm IMPORTED GRANULAR MATERIAL TO BE THOROUGHLY COMPACTED & TRUE TO GRADIENT. SIDE FILL 150mm WIDE EACH SIDE OF PIPE WITH GRANULAR MATERIAL. PROVIDE MIN. 300 mm COMPACTED ' AS DUG ' BACKFILL ALL IN ACCORDANCE WITH MANF. RECOMMENDATIONS. WHERE DRAINS PASS THROUGH WALLS PROTECT BY RELIEVING ARCHES OR REINFORCED CONCRETE LINTOLS CAST OVER TO GIVE 50 mm SPACE ALL AROUND THE PIPE. MASK OPENING BOTH SIDES WITH RIGID SHEET MATL. WHERE PIPES PASS UNDER THE BUILDING BED AS NORMAL & CONTINUE THE SURROUND & BACKFILL UP TO THE UNDERSIDE OF THE DPM SAND BLINDING LEVEL. ALL IN ACCORDANCE WITH MANF. RECOMMENDATIONS. WHERE PIPES ARE NOT UNDER A TRAFFIC AREA & HAVE LESS THAN 600 mm COVER THEY SHOULD HAVE CONCRETE PAVING SLABS LAID AS BRIDGING ABOVE THE PIPES WITH 100 mm OF GRANULAR MATL. BETWEEN TOP OF THE PIPE & UNDERSIDE OF THE SLABS. WHERE FLEXIBLE PIPES ARE UNDER TRAFFIC AREAS & HAVE LESS THAN 900 mm COVER, REINFORCED CONCRETE BRIDGING SHOULD BE USED INSTEAD OF PAVING SLABS.

SURFACE WATER DRAINS
TO BE OSMADRAIN WITH FLEXIBLE JOINTS, PIPE SIZES AS SHOWN
ALL BEDDING & LAYING TO BE AS PER ' FOUL DRAINAGE ' NOTES
ALL DRAINS NOT RUNNING INTO I.C.'S TO HAVE RODDING EYES.
DRAINS RUNNING WITHIN 1000 mm OF BUILDING & BELOW ANY FOUNDATIONS TO HAVE CONCRETE BACKFILL FROM PIPE LEVEL TO UNDERSIDE OF FOUNDATION.

INTERNAL DRAINAGE
WASTE PIPES TO BE OSMA OR SIMILAR APPROVED C/W 75 DEEPSEAL TRAPS & RODDING POINTS 32 mm TO WASH BASINS, 40 mm TO SINK. PROVIDE OSMAVENT OR SIMILAR AIR ADMITTANCE VALVE AT THE HEAD OF SYSTEM FITTED TO MANF. INSTRUCTIONS.

PUMP CHAMBERS
PROVIDE & INSTALL 'FLYGT' PUMPING CHAMBER & SUBMERSIBLE PUMPS WITH MALFUNCTION ALAM ALL TO THE MANUFACTURERS RECOMMENDATIONS, PROVIDE ALL ASSOCIATED CONTROLS ETC.

INSPECTION CHAMBERS
TO COMPRISE OF 215 CLASS 'B' ENGINEERING BRICK, FAIRFACED INTERNALLY, OFF 150 THK. CONC. BASE, MIN. 100 THK. CONC. COVER SLAB WITH STEEL INSET FRAME & COVER (HEAVY DUTY ON VEHICLE APRONS, DOUBLE SEALED WITH SCREW DOWN COVER WITHIN BUILDING)

DRG No.	KLE60 / 5[A]

D.A.GREEN & SONS LTD.
WHAPLODE, SPALDING,
LINCS, PE12 6TL.
Tel: 01406 370585.
Fax: 01406 370766.

	REVISIONS	BY	DATE
A	DRAIN RUNS ETC. ADDED	MJW	13/7/00

DRAWN	MJW	15/6/00
CHECKED		
SCALE	1 / 200	

PROJECT

LAMMERS & VAN CLEEFF UK. LTD.

SITE BRIDGE ROAD, LITTLE SUTTON, SPALDING, LINCS. PE12 9EF.

SOUTH HOLLAND DC HOUSING & PLANNING
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Ref: 866/00

APPROVED PLAN
Ref.

DETAILS

DRAINAGE LAYOUT

GREEN
STRUCTURAL

DRG No. KLE60 / 5[A]

PROPOSED EXTENSION

54999

D C B A

22083 22083 10833

FLOOR AREA = 1259 M² FLOOR AREA = 1208 M² FLOOR AREA = 465 M² INCLUDING CANOPY

5520 5521 5521 5521 5520 5521 5521 5521 5416 5417

NEW 1800 HIGH CHAINLINK FENCE ON CONCRETE POSTS C/W ALL BRACING ETC. TO MATCH EXISTING.

10833 22083 22083 6367

EXISTING 1800 HIGH CHAINLINK FENCING

FIRE COLLAPSE CONDITION TO THIS ELEVATION

7444 APPROX. 5340 APPROX. 2200 APPROX.

F.E. F.E. F.E. F.E.

1 2 3 4 5 6 7 8 9 10

6130 6130 6130 6130 6130 7130 7130

FUTURE SIDE EXTENSION TO THIS ELEVATION

57170

8400 APPROX CLEAR

VALLEY GUTTER VALLEY GUTTER VALLEY GUTTER VALLEY GUTTER

EXISTING LOADING BAY

EXISTING CANOPY

EXISTING WAREHOUSE

EXISTING OFFICES

SLOPE SLOPE

DRAINAGE CHANNEL

7130 3911 5521 5521 5521 5521 3911 7130

DRG No. KLE60 / 1^A

D.A.GREEN & SONS LTD.
WHAPLODE, SPALDING,
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Fax: 01406 370766.

GENERAL NOTES.

REVISIONS	BY	DATE
A CONC. KERB NOTE ADDED	MJW	10/7/00

DRAWN	MJW	15/6/00
CHECKED		
SCALE	1 / 200	

PROJECT

LAMMERS & VAN CLEEFF UK. LTD.

SITE BRIDGE ROAD,
LITTLE SUTTON,
SPALDING,
LINCS.
PE12 9EF.

SOUTH HOLLAND DC
HOUSING & PLANNING
17 JUL 2000
Ref: 866/00

DETAILS

ROOF PLAN

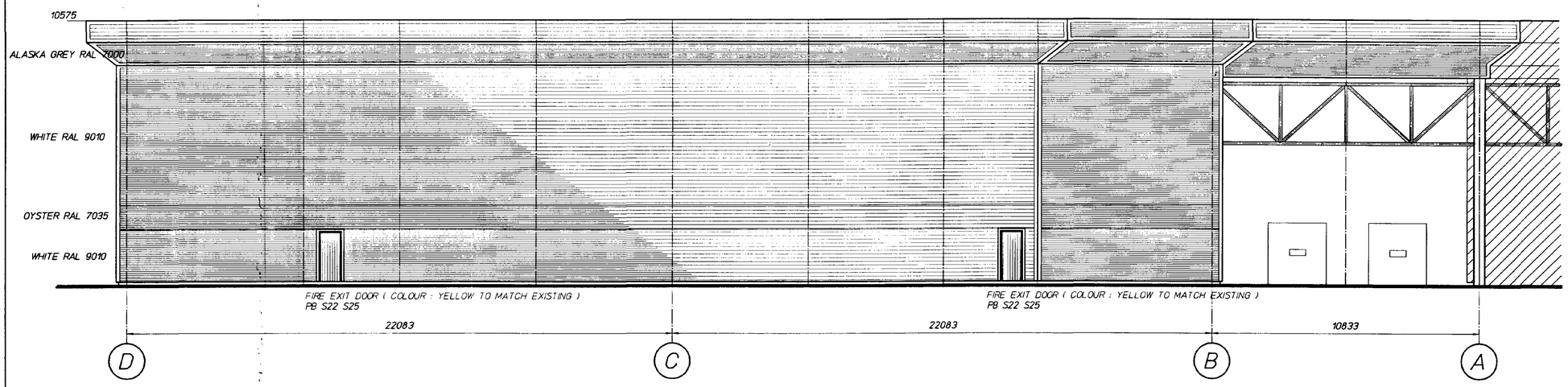
ROOFLIGHTS NOT SHOWN

DEVELOPMENT CONTROL PLAN

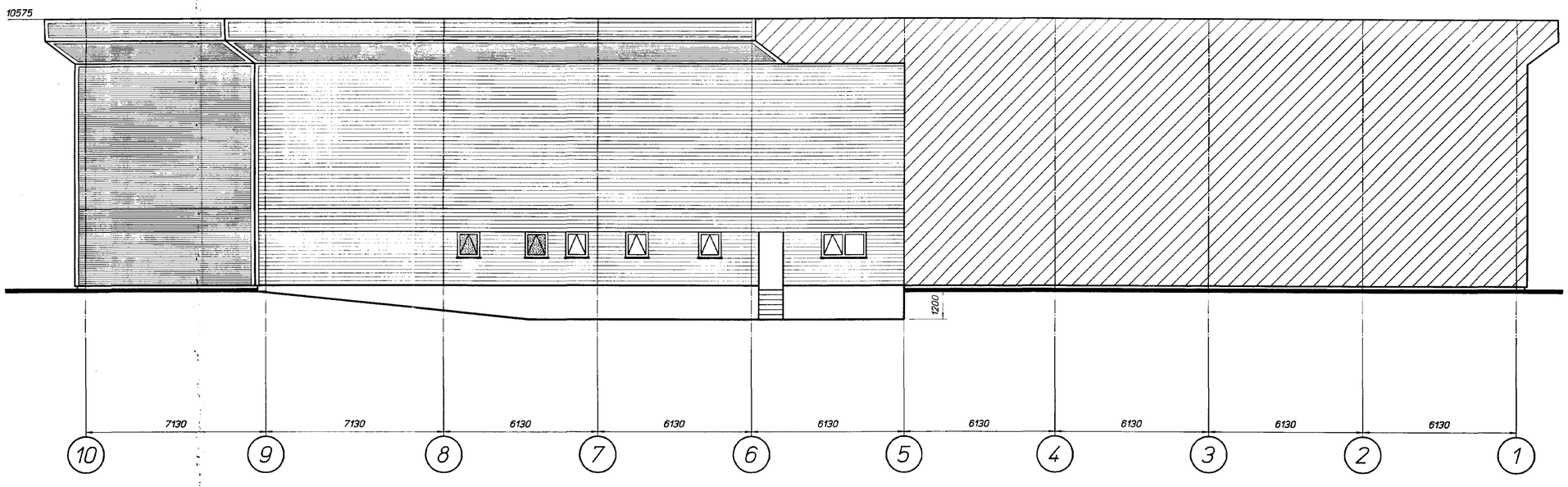
Ref.

GREEN
STRUCTURAL

DRG No. KLE60 / 1^A



ELEVATION ON GRID LINE 10



PART ELEVATION ON GRID LINE B

EXTERNAL SURFACING

CONCRETE APRON TO BE C35 CONCRETE 175 THK. REINFORCED WITH 'FIBREMESH' POLPROPYLENE FIBRE & INCLUDING 5 % AIR ENTRAINMENT, LAID IN BAYS NOT EXCEEDING A RATIO OF 1 : 1.5 WIDTH, LENGTH IN BAY WIDTH AT 8 TO 10 M CENTRES WITH INDUCED, SAWCUT JOINTS AT 6 TO 8 M CENTRES. ALL' FORMED' JOINTS TO BE DOWELLED. ALLOW FOR 1 LAYER OF A252 MESH REINFORCEMENT.
SURFACES TO TAMPED FINISH & ALL SAW CUT JOINTS TO BE FILLED WITH SEALANT. CROSSFALLS TO BE 1 : 40 & LONGITUDINAL FALLS TO BE 1 : 60. CONCRETE APRON PLACED ON MIN. 200 mm CONSOLIDATED, FROST RESISTANT HARDCORE SUB BASE.

DETERMINED PLAN

DRG No. KLE60 / 4 A

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LINCS, PE12 6TL.
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Fax: 01406 370766.

GENERAL NOTES.

	REVISIONS	BY	DATE
A	WINDOWS ADDED, NOTES ADDED	MJW	12/7/00

DRAWN	MJW	20/6/00
CHECKED		
SCALE	1 / 100	

PROJECT

LAMMERS & VAN CLEEFF UK. LTD.

SITE BRIDGE ROAD,
LITTLE SUTTON,
SPALDING,
LINCS.
PE12 9EF.

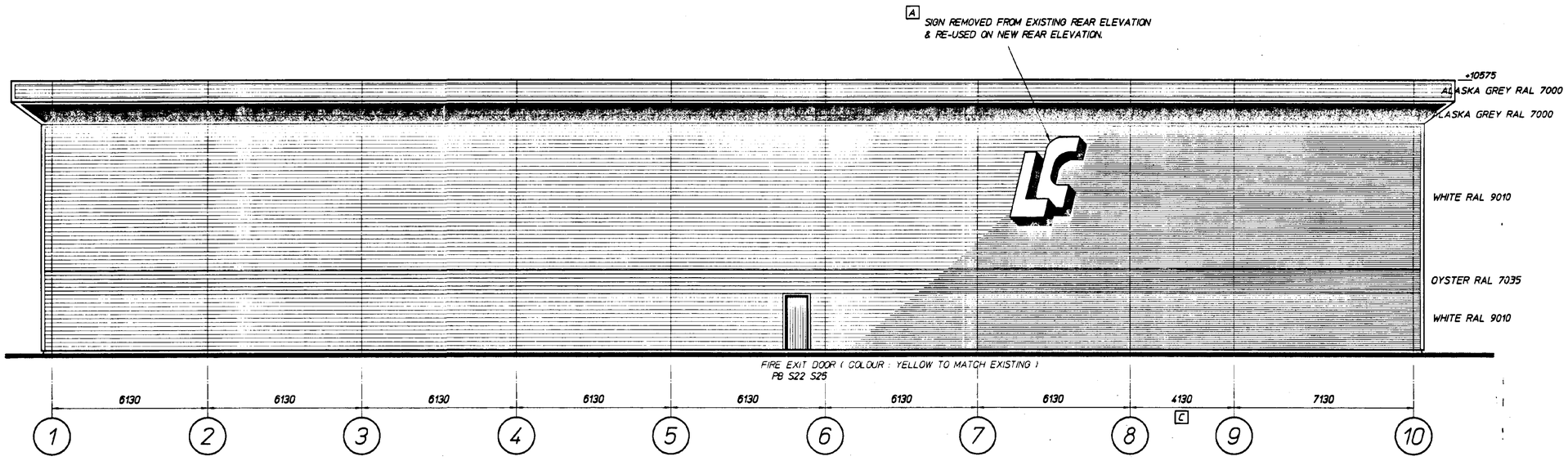
SOUTH HOLLAND DC
HOUSING & PLANNING
17 JUL 2000
Ref: 866/00

DETAILS

ELEVATIONS ON GRID LINES 10 & B

GREEN
STRUCTURAL

DRG No. KLE60 / 4 A



ELEVATION ON GRID LINE D

VERTICAL CLADDING (ALL ELEVATIONS)
SINGLE SKIN CLADDING TO WALL AREAS ONLY, COMPRISING OF CC1000 AW 0.7 THK. PVF2 (COLOUR : WHITE RAL 9010) GALV. STEEL WEATHERING SHEETS FIXED HORIZONTALLY TO VERTICAL GALVANISED ZED SUPPORTS (60 DEEP), FIXED IN AN OVER RAIL POSITION & C/W ALL NECESSARY FLASHINGS, FILLERS & FIXINGS. FEATURE BAND OF SAME PROFILE (COLOUR : OYSTER RAL 7035).
ALL FLASHINGS / TRIMS TO THE WALL AREAS TO BE ALASKA GREY RAL 7000 COLOUR. (TO MATCH EXISTING)

FASCIA / SLOPING SOFFIT (ALL ELEVATIONS)
SINGLE SKIN CLADDING TO FASCIA / SLOPING SOFFIT AREAS ONLY, COMPRISING 0.7 THK. PVF2 (COLOUR : ALASKA GREY RAL 7000) GALV. STEEL WEATHERING SHEETS FIXED IN AN OVER RAIL POSITION C/W ALL NECESSARY MATCHING FLASHINGS & FIXINGS.

INTERNAL LINING (ALL ELEVATIONS)
0.4 THK. GALV. WHITE ENAMEL COATED STEEL LINER PANELS, FIXED ABOVE 7M HIGH INTERNAL BLOCKWORK TO THE INSIDE FACE OF THE SHEETING RAILS C/W ALL NECESSARY MATCHING FLASHINGS & FIXINGS.

FIRE PROTECTION (GRID LINE 1)
PROVIDE ONE HOUR FIRE PROTECTION USING THE SHEETING MANF. INSIDE RAIL FIREWALL SYSTEM , INCLUDING TO FIRE RESISTANT PAINT THE EXPOSED STANCHIONS & BRICKWORK RESTRAINT. (SEE ATTACHED ASHGRID FIREWALL LITERATURE) B

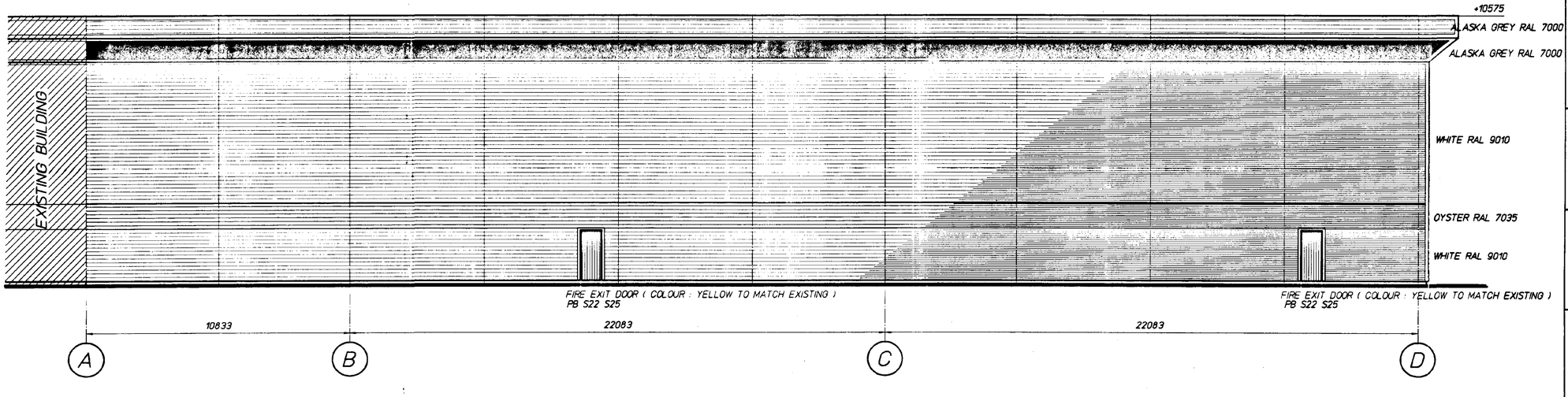
ROOF CLADDING
INSULATED CLADDING COMPRISING 0.7 THK. PVC PLASTISOL COATED (COLOUR : GOOSEWING GREY 10 A 05) GALV. STEEL WEATHERING SHEETS WITH ALL LAPS SEALED IN MASTIC C/W 30 THK. LG2 GRADE WHITE FACED INSULATION BOARD LAID IN GALV. STEEL TEE BAR SUPPORTS, FIXED IN AN OVER PURLIN POSITION & C/W ALL NECESSARY MATCHING FLASHINGS, FILLERS & FIXINGS

ROOFLIGHTS
5400 LG. DOUBLE SKIN SITE ASSEMBLED GRP TRANSLUCENT ROOFLIGHTS, COMPRISING OF AN SAB CLASS 3 WEATHERSHEET WITH SEALED BOX BOX LINER LIGHT, FIXED IN ACCORDANCE WIYH THE MANF. RECOMMENDATIONS TO COMPLY WITH THE CDM REGULATIONS.

ALL ROOF INSULATION BOARD JOINTS TO BE SEALED WITH 50 WIDE ALUMINIUM FOIL TAPE.

INTERNAL PARAPET
SINGLE SKIN CLADDING TO THE INTERNAL PARAPET AREAS ONLY, COMPRISING 0.7 THK. PVC PLASTISOL COATED (COLOUR : GOOSEWING GREY 10 A 05) GALVANISED STEEL WEATHERING SHEETS, FIXED IN AN OVER RAIL POSITION & C/W ALL NECESSARY MATCHING FLASHINGS, FILLERS & FIXINGS.

RAINWATER GOODS
3 THK. GALV. STEEL VALLEY GUTTERS, INSULATED BENEATH WITH 30 THK. LG2 GRADE WHITE FACED INSULATION BOARD, TOGETHER WITH UPVC DOWNPIPES DOWN TO FFL. GUTTERS TO BE PAINTED INSIDE WITH TWO COATS OF RW HEVISEAL BITUMEN AFTER ERECTION & PROVIDE THE DOWNPIPES WITH RODDING ACCESS.



ELEVATION ON GRID LINE 1

FIREWALL CONDITION B

DRG No. KLE60 / 2°

D.A.GREEN & SONS LTD.
WHAPLODE, SPALDING,
LINCS, PE12 6TL.
Tel: 01406 370585.
Fax: 01406 370766.

GENERAL NOTES.

REVISIONS	BY	DATE
C BAY DIMN. REDUCED BET. GRID 8 & 9 FOM 7130 TO 4130.	MJW	7/2/01
B ASHGRID FIREWALL NOTE ADDED TO SUIT B.R.	MJW	11/9/00
A EXISTING SIGN ADDED	MJW	12/7/00

DRAWN	MJW	20/6/00
CHECKED	MJW	28/6/00
SCALE	1 / 100	

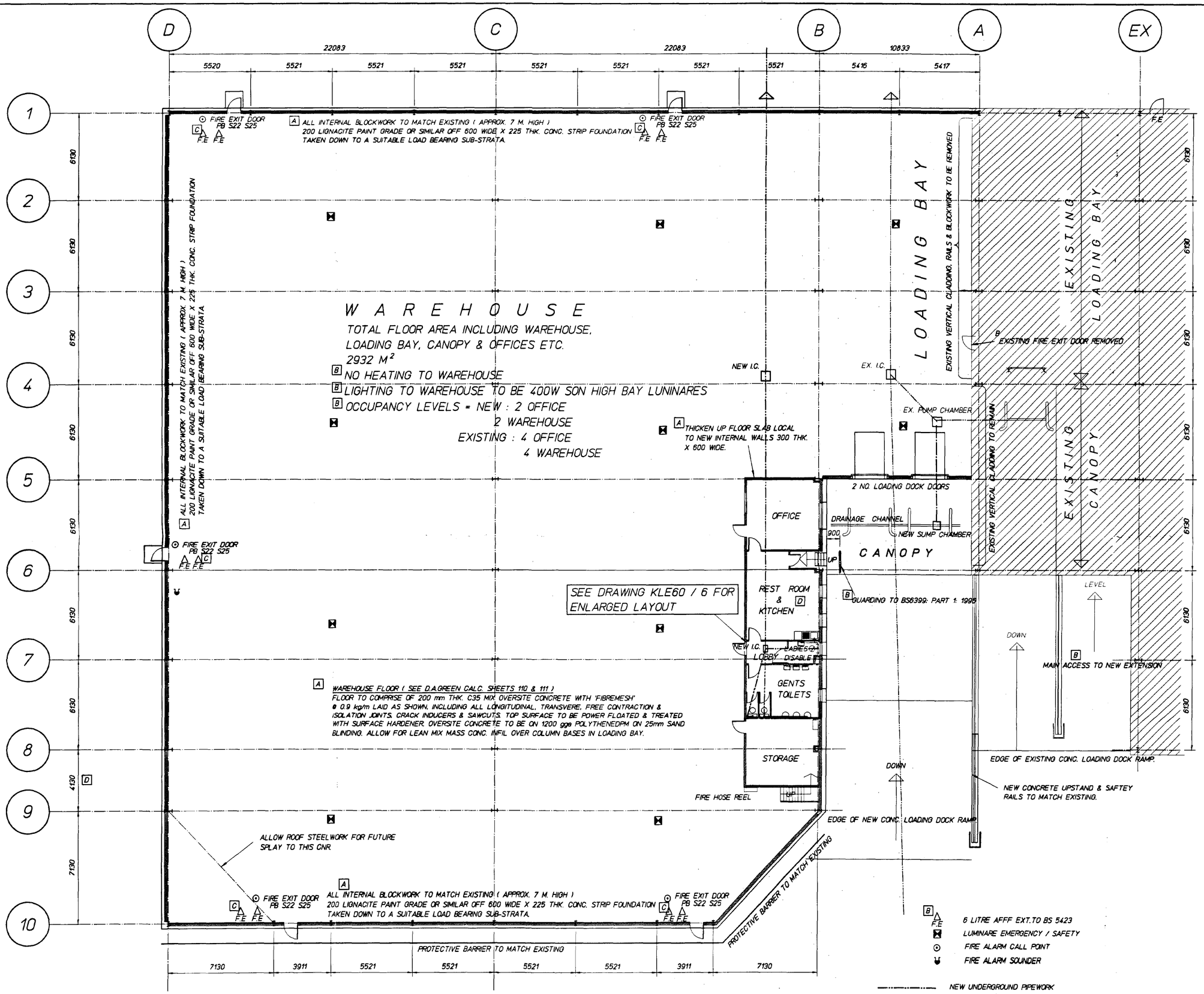
PROJECT
LAMMERS & VAN CLEEFF UK. LTD.

SITE BRIDGE ROAD,
LITTLE SUTTON,
SPALDING,
LINCS.
PE12 9EF.

DETAILS
ELEVATIONS

GREEN
STRUCTURAL

DRG No. KLE60 / 2^C



DRG No. KLE60 / 3°

D.A.GREEN & SONS LTD.
WHAPLODE, SPALDING,
LINCS, PE12 6TL.
Tel: 01406 370585.
Fax: 01406 370766.

GENERAL NOTES.

	REVISIONS	BY	DATE
D	BAY DIMN. REDUCED BET. GRID 8 & 9 FOM 7130 TO 4130. REST ROOM & KITCHEN SIZE REDUCED EXTERNAL WINDOW QTY. REDUCED.	MJW	7/2/01
C	ADDITIONAL FIRE EXTINGUISHERS ADDED 2 NO. REQD AT EACH EXIT. SEE FIRE BRIGADE COMMENTS 12/10/00	MJW	20/10/00
B	REVISED TO SUIT B.R.	MJW	21/9/00
A	WAREHOUSE FLOOR CONSTRUCTION NOTE ADDED. FOUNDATION NOTE ADDED. FOUL DRAIN ADDED.	MJW	10/7/00

DRAWN	MJW	16/6/00
CHECKED	MJW	20/6/00
SCALE	1 / 125	

PROJECT

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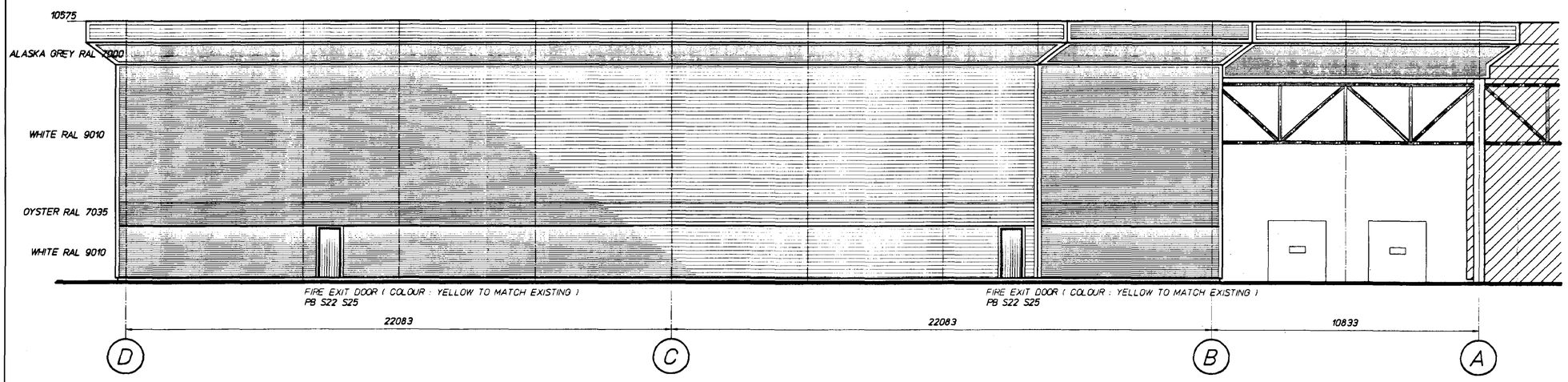
SITE BRIDGE ROAD,
LITTLE SUTTON,
SPALDING,
LINCS.
PE12 9EF.

DETAILS

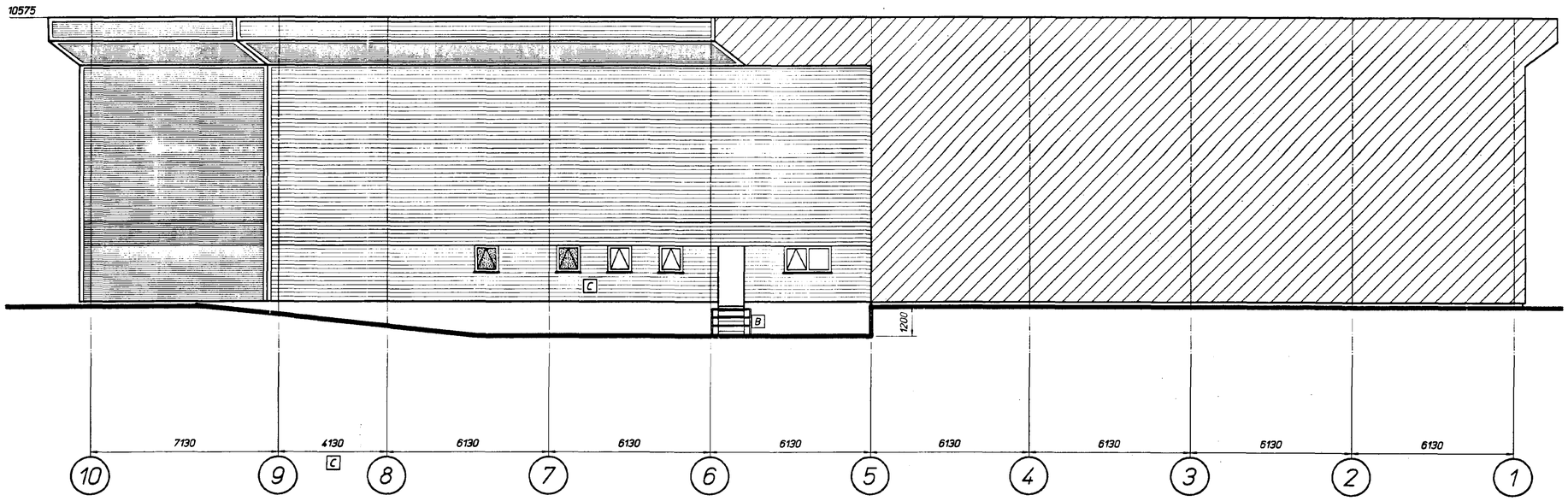
FLOOR PLAN

GREEN
STRUCTURAL

DRG No. KLE60 / 3°



ELEVATION ON GRID LINE 10



PART ELEVATION ON GRID LINE B

A EXTERNAL SURFACING
CONCRETE APRON TO BE C35 CONCRETE 175 THK. REINFORCED WITH 'FIBREMESH' POLPROPYLENE FIBRE & INCLUDING 5 % AIR ENTRAINMENT. LAID IN BAYS NOT EXCEEDING A RATIO OF 1 : 1.5 WIDTH, LENGTH IN BAY WIDTH AT 8 TO 10 M CENTRES WITH INDUCED, SAWCUT JOINTS AT 6 TO 8 M CENTRES. ALL' FORMED' JOINTS TO BE DOWELLED. ALLOW FOR 1 LAYER OF A252 MESH REINFORCEMENT.
SURFACES TO TAMPED FINISH & ALL SAW CUT JOINTS TO BE FILLED WITH SEALANT. CROSSFALLS TO BE 1 : 40 & LONGITUDINAL FALLS TO BE 1 : 60. CONCRETE APRON PLACED ON MIN. 200 mm CONSOLIDATED, FROST RESISTANT HARDCORE SUB BASE.

DRG No. KLE60 / 4 C

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WHAPLODE, SPALDING,
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GENERAL NOTES.

REVISIONS	BY	DATE
C BAY DIMN. REDUCED BET. GRID 8 & 9 FOM 7130 TO 4130. REST ROOM & KITCHEN SIZE REDUCED EXTERNAL WINDOW QTY. REDUCED.	MJW	7/2/01
B BARRIER ADDED AT FIRE EXIT DOOR	MJW	26/9/00
A WINDOWS ADDED, NOTES ADDED	MJW	12/7/00

DRAWN	MJW	20/6/00
CHECKED	MJW	28/6/00
SCALE	1 / 100	

PROJECT

LAMMERS & VAN CLEEFF UK. LTD.

SITE BRIDGE ROAD,
LITTLE SUTTON,
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LINCS.
PE12 9EF.

DETAILS

ELEVATIONS ON GRID LINES 10 & B

GREEN
STRUCTURAL

DRG No. KLE60 / 4 C

TO HUNDREDS DRAIN

TO HUNDREDS DRAIN

POSITION OF NEW 600 DIA. UNDERGROUND SURFACE WATER DRAIN.

ASSUMED POSITION OF EXISTING 300 DIA. UNDERGROUND SURFACE WATER DRAIN, DISCHARGING TO HUNDREDS DRAIN.

NEW 1800 HIGH CHAINLINK FENCE ON CONCRETE POSTS C/W ALL BRACING ETC. TO MATCH EXISTING. TO THIS BOUNDARY ONLY (SEE BLOCK DRAWING)

EXISTING 225 DIA. UNDERGROUND SURFACE WATER DRAIN.

NEW PUMP CHAMBER

EXISTING 1800 HIGH CHAINLINK FENCING

ASSUMED POSITION OF EXISTING I.C.

NEW I.C.

EX. I.C.

150 DIA.

5340 APPROX.

2200 APPROX.

450 DIA. SPUR

225 DIA.

600 DIA.

100 DIA. FOUL

B FIRE EXIT DOOR

EXISTING WAREHOUSE

TO MAIN SEWER

EXISTING FOUL PUMP CHAMBER

FOUL PIPE FROM OFFICE TOILETS

EXISTING F.E. DOOR - DATUM

RWP

150 DIA

100 DIA EX. PUMP CHAMBER

NEW SUMP CHAMBER

DRAINAGE CHANNEL

EXISTING OFFICES

EXITING PARKING AREA

C

EX. SUMP

EXISTING DRAINAGE CHANNEL

EXISTING CONCRETE HARDSTANDING

EX. LANDSCAPING

225 DIA.

NEW DRAINAGE CHANNEL

NEW SUMP GULLY

EDGE OF EXISTING CONCRETE HARDSTANDING

CUT & DOWEL LINE

14400 APPROX. CLEAR

NEW CONCRETE KERB

EDGE OF NEW CONCRETE HARDSTANDING

EXISTING ACCESS ROAD

NEW BOUNDARY

NEW UNDERGROUND PIPEWORK

EXISTING UNDERGROUND PIPEWORK

DRAINAGE LAYOUT

DRG No. KLE60 / 5 C

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GENERAL NOTES.

FOUL DRAINAGE
ALL LAID TO A SELF CLEANSING GRADIENT. JUNCTIONS TO HAVE SLOW BENDS.TO BE 110 OSMADRAIN OR SIMILAR APPROVED UNDERGROUND PIPEWORK WITH FLEXIBLE JOINTS TO A FALL OF 1:60 ON MAIN RUNS. DRAINS TO BE LAID ON 100mm IMPORTED GRANULAR MATERIAL TO BE THOROUGHLY COMPACTED & TRUE TO GRADIENT. SIDE FILL 150mm WIDE EACH SIDE OF PIPE WITH GRANULAR MATERIAL. PROVIDE MIN. 300 mm COMPACTED ' AS DUG ' BACKFILL ALL IN ACCORDANCE WITH MANF. RECOMMENDATIONS. WHERE DRAINS PASS THROUGH WALLS PROTECT BY RELIEVING ARCHES OR REINFORCED CONCRETE LINTOLS CAST OVER TO GIVE 50 mm SPACE ALL AROUND THE PIPE, MASK OPENING BOTH SIDES WIYH RIGID SHEET MATL. WHERE PIPES PASS UNDER THE BUILDING BED AS NORMAL & CONTINUE THE SURROUND & BACKFILL UP TO THE UNDERSIDE OF THE DPM SAND BLINDING LEVEL. ALL IN ACCORDANCE WITH MANF. RECOMMENDATIONS. WHERE PIPES ARE NOT UNDER A TRAFFIC AREA & HAVE LESS THAN 600 mm COVER THEY SHOULD HAVE CONCRETE PAVING SLABS LAID AS BRIDGING ABOVE THE PIPES WITH 100 mm OF GRANULAR MATL. BETWEEN TOP OF THE PIPE & UNDERSIDE OF THE SLABS. WHERE FLEXIBLE PIPES ARE UNDER TRAFFIC AREAS & HAVE LESS THAN 900 mm COVER, REINFORCED CONCRETE BRIDGING SHOULD BE USED INSTEAD OF PAVING SLABS.

SURFACE WATER DRAINS
TO BE OSMADRAIN WITH FLEXIBLE JOINTS, PIPE SIZES AS SHOWN ALL BEDDING & LAYING TO BE AS PER ' FOUL DRAINAGE ' NOTES ALL DRAINS NOT RUNNING INTO I.C.'S TO HAVE RODDING EYES. DRAINS RUNNING WITHIN 1000 mm OF BUILDING & BELOW ANY FOUNDATIONS TO HAVE CONCRETE BACKFILL FROM PIPE LEVEL TO UNDERSIDE OF FOUNDATION.

INTERNAL DRAINAGE
WASTE PIPES TO BE OSMA OR SIMILAR APPROVED C/W 75 DEEPSEAL TRAPS & RODDING POINTS 32 mm TO WASH BASINS, 40 mm TO SINK. PROVIDE OSMAVENT OR SIMILAR AIR ADMITTANCE VALVE AT THE HEAD OF SYSTEM FITTED TO MANF. INSTRUCTIONS.

PUMP CHAMBERS
PROVIDE & INSTALL 'FLYGT' PUMPING CHAMBER & SUBMERSIBLE PUMPS WITH MALFUNCTION ALAM ALL TO THE MANUFACTURERS RECOMMENDATIONS. PROVIDE ALL ASSOCIATED CONTROLS ETC.

INSPECTION CHAMBERS
TO COMPRISE OF 215 CLASS 'B' ENGINEERING BRICK, FAIRFACED INTERNALLY, OF 150 THK LONG. BASE, MIN 100 THK. BONG. COVER SLAB WITH STEEL INSET FRAME & COVER (HEAVY DUTY ON VEHICLE APRONS, DOUBLE SEALED WITH SCREW DOWN COVER WITHIN BUILDING)

	REVISIONS	BY	DATE
C	BAY DIMN. REDUCED BET. GRID 6 & 9 FOM 7130 TO 4130. REST ROOM & KITCHEN SIZE REDUCED EXTERNAL WINDOW QTY. RED CED.	MJW	7/2/01
B	FIRE EXIT DOORS SHOWN	MJW	26/9/00
A	DRAIN RUNS ETC. ADDED	MJW	13/7/00

DRAWN	MJW	15/6/00
CHECKED	MJW	25/6/00
SCALE	1 / 200	

PROJECT

LAMMERS & VAN CLEEFF UK. LTD.

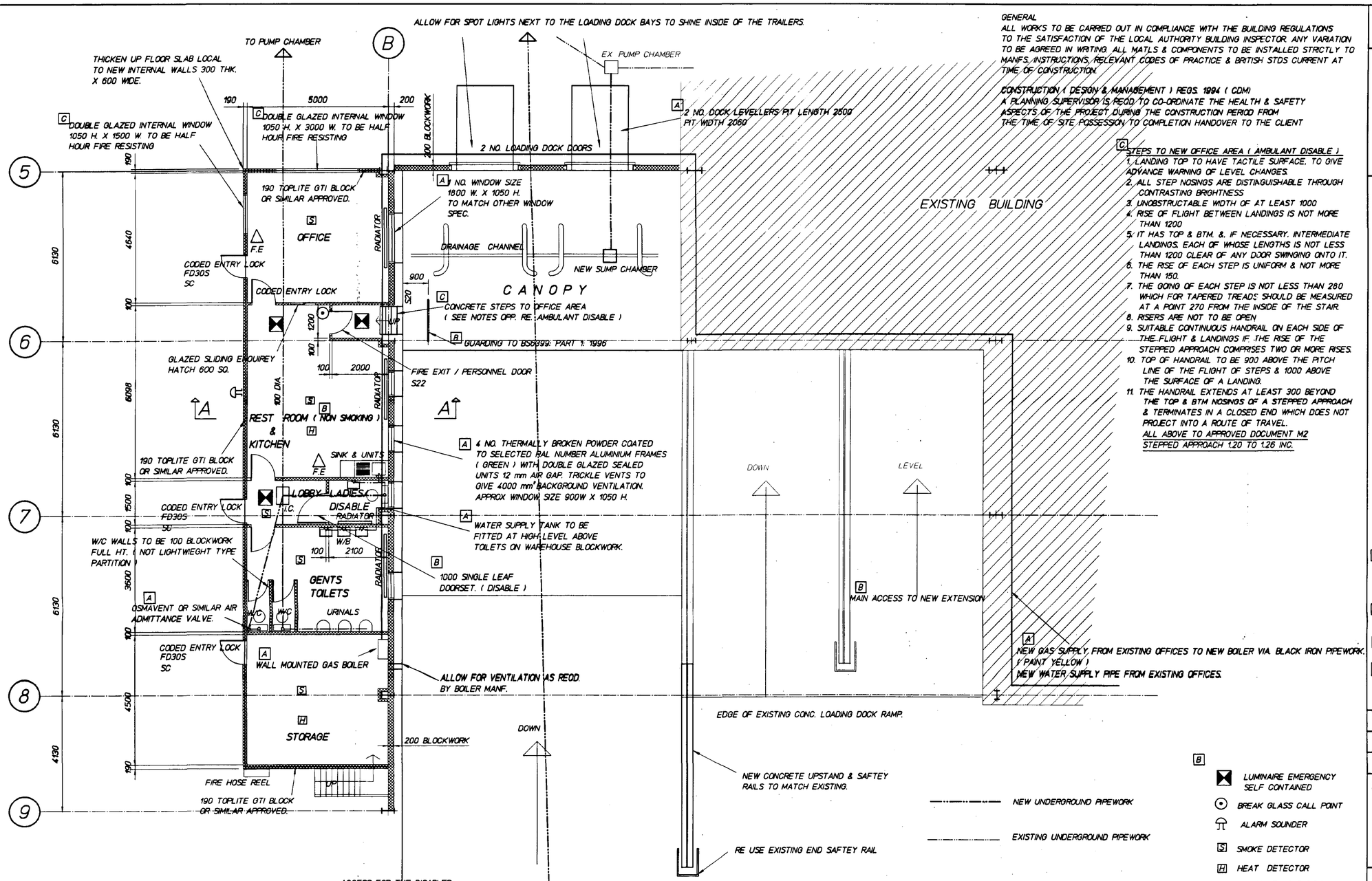
SITE BRIDGE ROAD,
LITTLE SUTTON,
SPALDING,
LINCS.
PE12 9EF.

DETAILS

DRAINAGE LAYOUT

GREEN
STRUCTURAL

DRG No. KLE60 / 5 C



GENERAL
ALL WORKS TO BE CARRIED OUT IN COMPLIANCE WITH THE BUILDING REGULATIONS TO THE SATISFACTION OF THE LOCAL AUTHORITY BUILDING INSPECTOR. ANY VARIATION TO BE AGREED IN WRITING. ALL MATLS & COMPONENTS TO BE INSTALLED STRICTLY TO MANFS. INSTRUCTIONS, RELEVANT CODES OF PRACTICE & BRITISH STDS CURRENT AT TIME OF CONSTRUCTION.

CONSTRUCTION (DESIGN & MANAGEMENT) REGS. 1994 (CDM)
A PLANNING SUPERVISOR IS REQD. TO CO-ORDINATE THE HEALTH & SAFETY ASPECTS OF THE PROJECT DURING THE CONSTRUCTION PERIOD FROM THE TIME OF SITE POSSESSION TO COMPLETION HANDOVER TO THE CLIENT

C STEPS TO NEW OFFICE AREA (AMBULANT DISABLE)
1. LANDING TOP TO HAVE TACTILE SURFACE, TO GIVE ADVANCE WARNING OF LEVEL CHANGES.
2. ALL STEP NOSINGS ARE DISTINGUISHABLE THROUGH CONTRASTING BRIGHTNESS.
3. UNOBSTRUCTABLE WIDTH OF AT LEAST 1000
4. RISE OF FLIGHT BETWEEN LANDINGS IS NOT MORE THAN 1200
5. IT HAS TOP & BTM. &, IF NECESSARY, INTERMEDIATE LANDINGS. EACH OF WHOSE LENGTHS IS NOT LESS THAN 1200 CLEAR OF ANY DOOR SWINGING ONTO IT.
6. THE RISE OF EACH STEP IS UNIFORM & NOT MORE THAN 150.
7. THE GOING OF EACH STEP IS NOT LESS THAN 280 WHICH FOR TAPERED TREADS SHOULD BE MEASURED AT A POINT 270 FROM THE INSIDE OF THE STAIR.
8. RISERS ARE NOT TO BE OPEN
9. SUITABLE CONTINUOUS HANDRAIL ON EACH SIDE OF THE FLIGHT & LANDINGS IF THE RISE OF THE STEPPED APPROACH COMPRISES TWO OR MORE RISES.
10. TOP OF HANDRAIL TO BE 900 ABOVE THE PITCH LINE OF THE FLIGHT OF STEPS & 1000 ABOVE THE SURFACE OF A LANDING.
11. THE HANDRAIL EXTENDS AT LEAST 300 BEYOND THE TOP & BTM NOSINGS OF A STEPPED APPROACH & TERMINATES IN A CLOSED END WHICH DOES NOT PROJECT INTO A ROUTE OF TRAVEL.

ALL ABOVE TO APPROVED DOCUMENT M2
STEPPED APPROACH 1.20 TO 1.26 INC.

OFFICE, RESTROOM, TOILETS & STOREROOM
VINYL FLOORING IN ALL ROOMS EXCEPT THE STORAGE ROOM. THIS TO BE PAINTED.
HEATING REQD IN ALL ROOMS EXCEPT THE STORAGE ROOM. SEE DRAWING.
TOILETS : SPLASH BACK TILES AROUND WASH BASINS, TILES TO WINDOW CILLS & MIRRORS ABOVE WASH BASINS.
KITCHEN AREA : SPLASH BACK TILES ABOVE SINK UNITS, TILES TO WINDOW CILLS.
RENDER, SKIM & PAINT ALL INTERNAL BLOCKWORK WALLS EXCEPT THE STORAGE ROOM, THIS TO BE FAIR FACED BLOCKWORK WITH FLUSH MORTAR JOINTS. SKIRTING BOARDS TO ALL ROOMS EXCEPT STORAGE ROOM. ALL BLOCKWORK WALLS ON WAREHOUSE SIDE TO BE FAIR FACED WITH FLUSH MORTAR JOINTS. FLAT ROOF TO BE 38 T&G CHIPBOARD
A DECKING OFF METSEC 'C' SECTION JOISTS @ 600 CRS FITTED TO MANF. INSTRUCTIONS. SUPPORTED OFF BLOCKWORK WALLS. 100 F/G INSULATION BETWEEN. INSTALL 1200X600 OR 600X600 B ARMSTRONG OR SIMILAR CLASS O TILES IN GRID SYSTEM C/W MODULAR LIGHT PANELS, INCORPORATE INTEGERAL EMERGENCY LIGHT PACKS AS REQD.
C BLOCKWORK TO BE 190 TOPLITE GTI TO GIVE .6 U VALUE & 100 TOPLITE STD. OR SIMILAR APPROVED. 3.5 N / mm
A MECHANICAL VENTILATION (KITCHEN)
PROVIDE MECHANICAL VENTILATION TO GIVE A MIN. AIRFLOW OF NOT LESS THAN 60 LITRES PER SECOND.
WINDOWS: ANY GLASS WITHIN 800mm ABOVE FFL TO BE TOUGHENED.
DOORS: ANY GLASS WITHIN 1500mm ABOVE FFL TO BE TOUGHENED.
ALL GLAZING TO COMPLY WITH BS 6206 STD.
ALL LINTOLS TO BE INSTALLED & LAID TO MANF. INSTRUCTIONS WITH MIN. 150 END BEARING.
B ALL GLAZING IN CRITICAL LOCATIONS TO BE SAFETY GLAZING
B ALL GLAZING TO BE DOUBLE GLAZED SEALED UNITS.

ACCESS FOR THE DISABLED
THE BUILDING IS TO COMPLY WITH ALL RELEVANT SECTIONS OF DOCUMENT M OF THE BUILDING REGULATIONS 1992 SECOND IMPRESSION WITH AMENDMENTS & BS 5810 1979 ACCESS FOR THE DISABLED TO BUILDINGS. THE DISABLED W/C COMPARTMENT IS TO BE FITTED OUT WITH EQUIPMENT & GRAB RAILS AS DETAILED IN SECTION 4 OF APPROVED DOCUMENT M DIAGRAM 16.

ELECTRICS
SOCKETS / OUTLETS / LIGHTING POINTS TO I.E.E. REGULATIONS & TO N.H.B.C. STD.
POSITIONS TO BE AGREED WITH CLIENT PRIOR TO FITTING.

STAIRWAY (UP TO LIGHT STORAGE AREA ABOVE GROUND FLOOR ROOMS)
TIMBER OPEN RISER STAIRWAY, MIN. WIDTH 800mm UNOBSTRUCTED. MAX 42 PITCH 190mm MAX. RISE 250mm MIN. GOING, CLEAR HEADROOM OVER LENGTH & WIDTH OF AT LEAST 2M.
A HANDRAILS ON AT LEAST ONE SIDE BETWEEN 900mm & 1000mm HEIGH MEASURED VERTICAL ABOVE PITCH LINE. LANDING AT TOP TO BE LEVEL & CLEAR OF ANY PERMINANT OBSTRUCTION
B WIDTH / DEPTH AT LEAST AS GREAT AS WIDTH OF FLIGHT. HEIGHT OF GUARDING ON FIRST FLOOR TO BE 1100mm SO CONSTRUCTED TO GIVE FIRM SUPPORT, PROVIDE GATE OR SIMILAR TO ALLOW ACCESS ONTO THE LIGHT STORAGE AREA FOR PALLETS. GUARDING TO BE DESIGNED TO BS6399: PART 1: 1996.

ALLOW FOR SPOT LIGHTS NEXT TO THE LOADING DOCK BAYS TO SHINE INSIDE OF THE TRAILERS

ALL INTERNAL OFFICE, RESTROOM, TOILETS & STOREROOM DOORWAYS TO HAVE MIN. 750 CLEAR OPENINGS U.N.O.

B OFFICE, RESTROOM, TOILETS & STOREROOM LIGHTING B
TO BE TUBULAR FLUORESCENT ENERGY EFFICIENT LIGHTING SYSTEM.

ALL OUTSIDE SURFACES FROM FIRE EXIT DOORS TO BE REASONABLEY LEVEL / FLUSH TO ENABLE DISABLE ESCAPE (CONC./TARMAC PATHS NOT GRAVEL)
ALL FIRE EXIT DOORS TO HAVE LEVEL APPROACHES WITH NO SLOPE EXCEEDING 1 IN 20. CONC. APRON OUTSIDE MIN. 1200 SQ.
FIRE EXIT DOORS TO OPEN OUT C/W PANIC BAR & SIGN 'PUSH BAR TO OPEN'. ALL FIRE EXIT SYMBOLS ETC. TO B.S. 1635 : 1990
C & BS 5446 PT1 (FIRE SAFETY SIGNS, NOTICES & GRAPHIC SYMBOLS). DOORS ON ESCAPE ROUTES BOTH WITHIN & AT THE FINAL EXIT FROM THE BUILDING SHOULD BE READILY OPENABLE FROM THE SIDE APPROACHED BY THE PERSONS MAKING ESCAPE.IF MORE THAN 20 PEOPLE ARE TO BE EMPLOYED IN ANY ONE UNIT AN ELECTRICAL FIRE ALARM INSTALLATION IS TO BE INSTALLED SO AS TO BE CLEARLY AUDIBLE THROUGHOUT THE WHOLE UNIT WITH BREAK GLASS ACTIVATING POINTS POSITIONED BESIDE EXIT DOOR.
FIRE EXTINGOUISHING INSTALATION & EQUIPMENT.
BS 5306 PT1 : 1976 HYDRANT SYSTEMS,HOSE REELS & FOAM INLETS AS REQD.
BS 5306 PT2 : 1990 SPECIFICATION FOR SPRINKLER SYSTEMS AS REQD.
FIRE ALARMS IN ACCORDANCE WITH BS 5839
FIRE FIGHTING EQUIPMENT & NOTICES WILL BE REQUIRED AS INDICATED
ALL MEANS OF ESCAPE ROUTES SHOULD BE PROVIDED WITH ADEQUATE ARTIFICIAL LIGHTING. EMERGENCY LIGHTING TO BE IN ACCORDANCE WITH BS 5266 PT1 1988.
FIRE AUTHORITY TO BE CONSULTED REGARDING FIRE FIGHTING EQUIPMENT & ASSOCIATED MATTERS.

C DETAILS OF HOT WATER PROVISION, CONTROLS & DISCHARGE TO BE CONFIRMED PRIOR TO COMMENCEMENT OF WORKS
C DETAILS OF VENTILATION REQUIREMENTS TO BOILER ROOM TO BE AS PER MANUFACTURES REQUIREMENTS

DRG No. KLE60 / 6D

D.A.GREEN & SONS LTD.
WHAPLODE, SPALDING,
LINCS, PE12 6TL.
Tel: 01406 370585.
Fax: 01406 370766.

GENERAL NOTES.

TBA
NEW W/B IN THIS CNR. OF EXISTING WAREHOUSE INCLUDE ALL FEEDS & WASTE PIPES TO UNDERGROUND DRAINAGE SYSTEM.

	REVISIONS	BY	DATE
D	BAY DIMN. REDUCED BET. GRID 8 & 9 FOM 7130 TO 4130. REST ROOM & KITCHEN SIZE REDUCED EXTERNAL WINDOW QTY. REDUCED.	MJW	7/2/01
C	REVISED TO SUIT NOTICE OF PASSING OF BUILDING PLANS LETTER 9/10/00	MJW	10/10/00
B	REVISED TO SUIT B.R.	MJW	21/9/00
A	NOTES ADDED, DRAIN RUN ADDED.	MJW	18/7/00

DRAWN	MJW	26/6/00
CHECKED	MJW	7/7/00
SCALE	1 / 75	

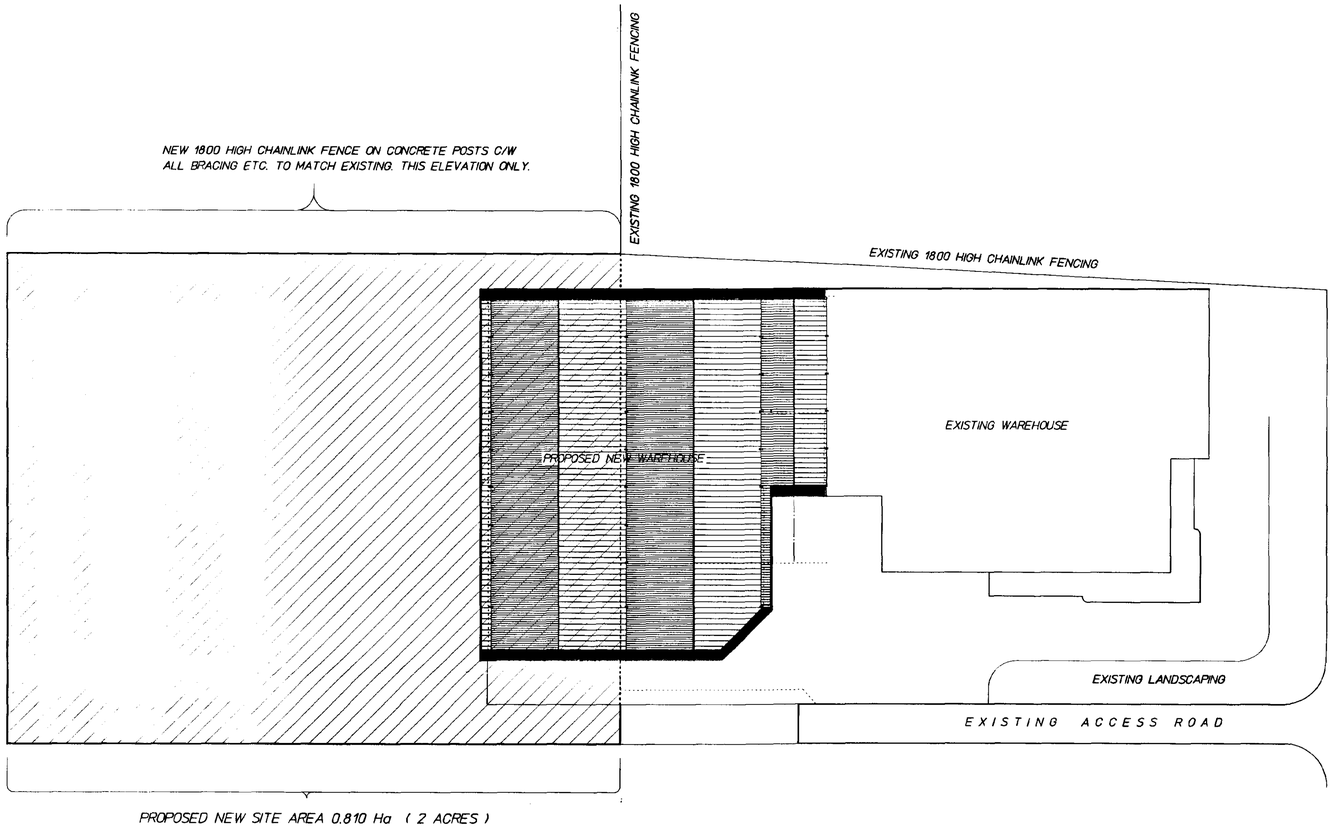
PROJECT
LAMMERS & VAN CLEEFF UK. LTD.

SITE
BRIDGE ROAD,
LITTLE SUTTON,
SPALDING,
LINCS.
PE12 9EF.

DETAILS
OFFICE LAYOUT

GREEN
STRUCTURAL

DRG No. KLE60 / 6D



BLOCK PLAN

DRG No. KLE60 / 7 A

D.A.GREEN & SONS LTD.
WHAPLODE, SPALDING,
LINCS, PE12 6TL.
Tel: 01406 370585.
Fax: 01406 370766.

GENERAL NOTES.

REVISIONS	BY	DATE
A LANDSCAPING NOTE ADDED	MJW	18/7/00

DRAWN	MJW	15/6/00
CHECKED		
SCALE	1 / 500	

PROJECT

LAMMERS & VAN CLEEFF UK. LTD.

SOUTH HOLLAND DC HOUSING & PLANNING
17 JUL 2000
Ref: 8661/00

SITE BRIDGE ROAD,
LITTLE SUTTON,
SPALDING,
LINCS.
PE12 9EF.

DETAILS

BLOCK PLAN

AMENDED PLAN
Ref.

DETERMINED PLAN

GREEN
STRUCTURAL

DRG No. KLE60 / 7 A

PROPOSED EXTENSION

54999

D 22083 C 22083 B 10833 A

FLOOR AREA = 1259 M² | FLOOR AREA = 1208 M² | FLOOR AREA = 465 M² INCLUDING CANOPY

5520 5521 5521 5521 | 5520 5521 5521 5521 | 5416 5417

NEW 1800 HIGH CHAINLINK FENCE ON CONCRETE POSTS C/W ALL BRACING ETC. TO MATCH EXISTING.

10833 22083 22083 6367

EXISTING 1800 HIGH CHAINLINK FENCING

FIRE COLLAPSE CONDITION TO THIS ELEVATION

5340 APPROX. 2200 APPROX.

F.E. F.E. F.E. F.E.

1 2 3 4 5 6 7 8 9 10

6130 6130 6130 6130 6130 6130 6130 4130 B 7130

54170

11400 CLEAR

FUTURE SIDE EXTENSION TO THIS ELEVATION

VALLEY OUTLET VALLEY OUTLET VALLEY OUTLET VALLEY

EXISTING LOADING BAY

EXISTING CANOPY

EXISTING WAREHOUSE

SLOPE

DRAINAGE CHANNEL

SLOPE

F.E.

EXISTING OFFICES

F.E. F.E.

7130 3911 5521 5521 5521 5521 3911 7130

NEW BOUNDARY

DRG No. KLE60 / 1[B]

D.A.GREEN & SONS LTD.
WHAPLODE, SPALDING,
LINCS, PE12 6TL.
Tel: 01406 370585.
Fax: 01406 370766.

GENERAL NOTES.

	REVISIONS	BY	DATE
B	BAY DIMN. REDUCED BET. GRIC 8 & 9 FOM 7130 TO 4130. BOUNDARY REV.	MJW	7/2/01
A	CONC. KERB NOTE ADDED	MJW	10/7/00

DRAWN	MJW	15/6/00
CHECKED	MJW	20/6/00
SCALE	1 / 200	

PROJECT

LAMMERS & VAN CLEEFF UK. LTD.

SITE BRIDGE ROAD,
LITTLE SUTTON,
SPALDING,
LINCS.
PE12 9EF.

DETAILS

ROOF PLAN

ROOFLIGHTS NOT SHOWN

GREEN
STRUCTURAL

DRG No. KLE60 / 1[B]