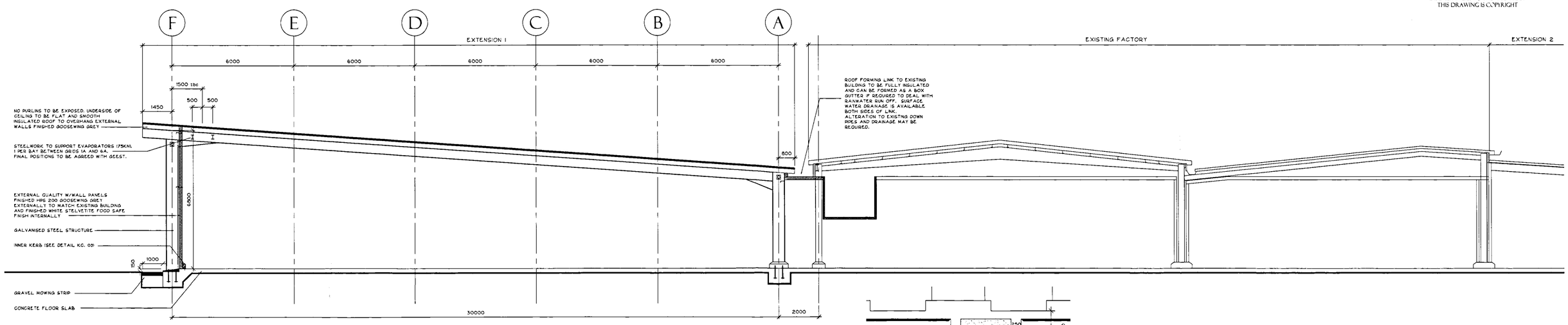
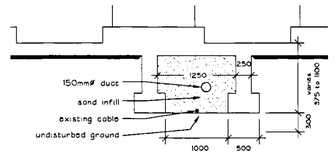
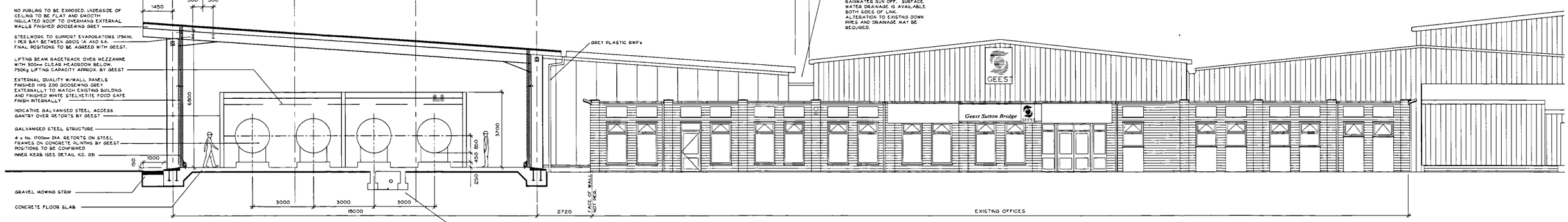
DO NOT SCALE FROM THIS DRAWING
THE CONTRACTOR IS TO CHECK ALL DIMENSIONS ON SITE AND REPORT DISCREPANCIES TO THE ARCHITECT
THIS DRAWING IS COPYRIGHT



EXTENSION 1
TYPICAL SECTION
LINK TO EXISTING BUILDING

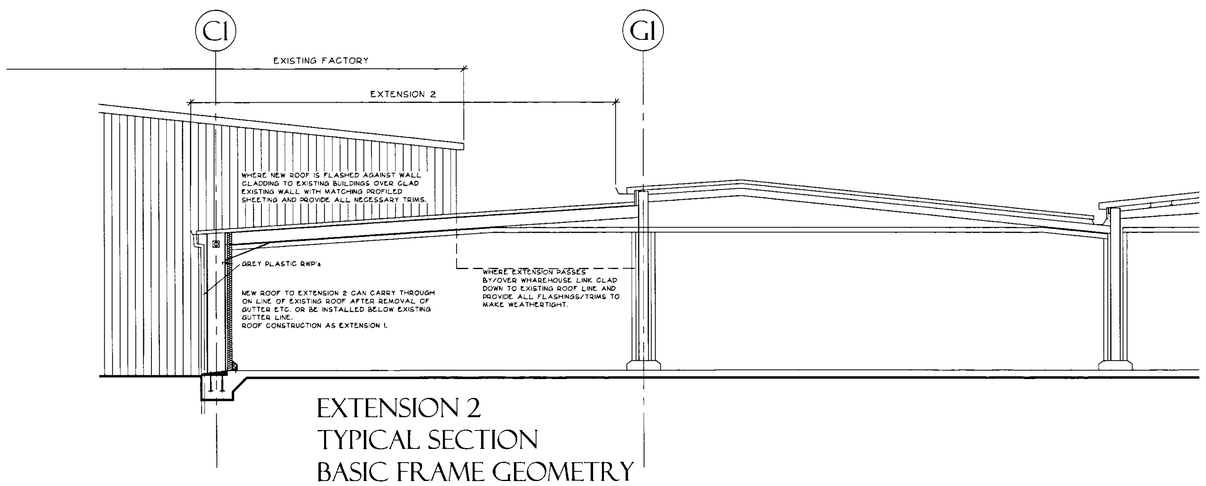


SERVICE PIT DETAIL
SCALE 1:50



EXTENSION 1
TYPICAL SECTION
BASIC FRAME GEOMETRY

CONCRETE FLOOR AREA TO RETORTS TO INCORPORATE 250 HIGH PLINTHS (HEIGHT TO BE CONFIRMED) AND DOWNSTAND RETAINING WALLS EITHER SIDE OF HGV AND POSSIBLE SECOND ELECTRIC CABLES. SUPPLY 2 NO. 150MM DIAMETER DUCT RUNNING PARALLEL TO EXISTING CABLE FOR FUTURE REPLACEMENT CABLES.
TERMINATE NEW DUCTS IN PITS AT EITHER END OF BUILDING. THE PURPOSE OF THE CONCRETE DOWNSTANDS IS TO ELIMINATE LOADING ONTO EXISTING CABLE.



EXTENSION 2
TYPICAL SECTION
BASIC FRAME GEOMETRY

GENERAL NOTES

ROOF CONSTRUCTION

ROOF CONSTRUCTION TO COMPRISE EXTERNAL PROFILED GALVANISED STEEL CLADDING AT LEAST 0.5mm THICK WITH GOOSEWING GREY MPS 200 FINISH, INSULATION TO ACHIEVE 0.25W/M2K U-VALUE, VAPOUR CHECK IF USING BUILT UP SYSTEM, PROFILED GALVANISED STEEL INTERNAL LINING WITH WHITE STELVETITE FINISH.

ROOF PITCH TO BE LAID AT MINIMUM 4 DEGREES PITCH.

CONTRACTOR TO SUBMIT DETAILS TO ELIMINATE COLD BRIDGING AT EAVES WHERE RAFTERS PENETRATE W/WALL PANELS.

ROOF CONSTRUCTION TO BE SUPPORTED FROM MAIN STRUCTURAL STEEL FRAME. SUPPORT SYSTEM TO BE CAPABLE OF PROVIDING SERVICES SUPPORT FOR LIGHTING AND FIRE ALARM ONLY.. SUPPORT SYSTEM TO BE EASILY ACCESSIBLE AND ALLOW SUPPORT WITHOUT PENETRATING INNER FACE OF ROOF CONSTRUCTION OR VAPOUR MEMBRANE. ENSURE THAT SUPPORT SYSTEM IS FINISHED WITH FLASHINGS ETC. IF NECESSARY TO PREVENT RETENTION OF DUST, DIRT AND WATER FROM OCCAISIONAL HYGIENE CLEANING.

ALLOW FOR ALL NECESSARY SUPPORTS, FLASHINGS, WEATHER SEALS ETC. ALL FLASHING TO BE FORMED FROM MINIMUM 0.5mm GLAVANISED STEEL FINISHED TO MATCH INNER OR OUTER ROOF CONSTRUCTION FINISH AS APPROPRIATE.

ROOF CONSTRUCTION TO ALLOW FOR OVERHANG DISTANCES AS SHOWN.

EAVES GUTTERS TO BE FORMED FROM MINIMUM 0.5mm GALVANISED STEEL FINISHED TO MATCH EXTERNAL WALL PANELS, FINISH AS NOTED ELSEWHERE. PROVIDE OVERFLOW TO ENDS OF GUTTERS.

RAINWATER DOWNPIPES TO BE GREY PLASTIC, SIZE AS REQUIRED. SUPPORT BRACKETS TO BE GALVANISED STEEL AND NOT PLASTIC AND TO BE FIXED TO EXTERNAL FACE OF EXTERNAL W/WALL PANELS.

ALLOW FOR PREPARATION OF DETAILED DRAWINGS FOR ROOF CONSTRUCTION FOR COMMENT BY THE CLIENT PRIOR TO ORDERING OF MATERIALS AND CARRYING OUT OF WORKS ON SITE.

STRUCTURAL STEEL FRAME

STRUCTURAL STEEL FRAME TO BE LOCATED INTERNALLY OF EXTERNAL BUILDING ENVELOPE AND TO BE FORMED FROM GALVANISED STEEL.

IN ADDITION TO NORMAL DESIGN LOADS ALLOW FOR SUPPORT ON COLUMNS FOR FUTURE SERVICES PIPES AND TRUNKING SERVICES.

ALLOW FOR ALL NECESSARY CROSS BRACING, W/WALL SUPPORTS, DOOR FRAMES ETC., ALL WITH GALVANISED FINISH. ENSURE MEMBERS CHOSEN DO NOT CREATE TRAPS THAT WILL HOLD DUST, DIRT AND WATER FROM OCCASIONAL HYGIENE CLEANING.

THE STEELWORK DESIGN TO EXTENSION 2 CAN UTILISE THE EXISTING STRUCTURES IF SUITABLE, PROVIDING WORK DOES NOT INTERFERE WITH FACTORY PRODUCTION.
ANY NEW STEEL FRAME MEMBERS SHOULD MINIMISE USE OF PRODUCTION FLOOR SPACE. ISOLATED COLUMNS AWAY FROM THE PERIMETER OF THE SPACE ARE TO BE AVOIDED.
ANY EXPOSED CLADDING RAILS OR BRACING SHOULD BE DESIGNED SO AS NOT TO FORM DUST TRAPS.

FOUNDATIONS

FOUNDATIONS TO SUPPORT NEW BUILDING TO BE CONTRACTOR DESIGNED TO TAKE ACCOUNT OF GROUND CONDITIONS AND TO MINIMISE DISRUPTION OF EXISTING BELOW GROUND SERVICES.

ALLOW FOR FLASHING TO MATCH ALL OTHER EXTERNAL FLASHINGS TO COVER JUNCTION OF W/WALLING WITH KERBS OR SLAB EDGES AND DISCHARGE WATER CLEAR OF VERTICAL CONCRETE FACES.

EXTERNAL WALLS

EXTERNAL WALLS TO BE CONSTRUCTED FROM EXTERNAL QUALITY MDF CORED W/WALL PANELS OR OTHER SUITABLE NON COMBUSTIBLE MATERIALS FINISHED MPS 200 GOOSEWING GREY EXTERNALLY TO MATCH EXISTING BUILDING. INTERNAL FINISH TO BE WHITE STELVETITE FOOD SAFE FINISH TO AGHIEVE U-VALUE OF 0.35W/M2K

EXTERNAL PANEL TO BE V-RIB AND INTERNAL PROFILE TO BE SMOOTH.

ALLOW FOR ALL NECESSARY INTERNAL AND EXTERNAL FLASHINGS, SNAP COVES ETC.

JOINT SEALANTS USED EXTERNALLY TO PROVIDE MINIMUM 20 YEAR FLEXIBLE LIFE AND BE COLOURED TO MATCH EXTERNAL WALL FINISH. JOINT SEALANT INTERNALLY TO BE FOOD GRADE.

INTERNAL WALLS

INTERNAL WALLS TO BE CONSTRUCTED FROM INTERNAL QUALITY MDF CORED W/WALL PANELS FINISHED WHITE STELVETITE FOOD SAFE.

PROFILE TO BE SMOOTH.

ALLOW FOR ALL NECESSARY FLASHINGS, SNAP COVES ETC.

JOINT SEALANTS TO BE FOOD GRADE.

FLOOR SLAB

CONCRETE FLOOR SLAB TO INCORPORATE ANTI-DUSTING, NON-SLIP FINISH. (SEE SPEC.)

SLAB TO PROVIDE 40KN/M2 LOADING CAPACITY.

SLAB TO BE LAID ON 1200 GUAGE DPM ON MAX. 150mm LAYERS OF WELL COMPACTED DOT TYPE 1 FILL ON PREPARED SUB-SOIL.

EXTERNAL WORKS

PROVIDE GRAVEL STRIP TO PERIMETER OF BUILDING. GRAVEL TO BE 20-50mm IN SIZE, GRADED AND IN LAYER 75mm DEEP TO FINISH 15mm BELOW ADJACENT GROUND LEVEL. GRAVEL TO BE LAID ON TERRAM ON MAX 150mm LAYERS OF WELL COMPACTED SUB-BASE AS REQUIRED. PROVIDE TREATED SOFTWOOD TIMBER EDGING AGAINST ANY SOFT LANDSCAPING. SOFT LANDSCAPING TO BE MADE GOOD AFTER COMPLETION OF WORKS. WHERE EXTENSION IS SITED INTO EXISTING HARD LANDSCAPING ALLOW FOR CUTTING BACK, EDGING AND MAKING GOOD AS REQUIRED.

ALL EXISTING MATERIALS, SUB-SOIL, TOP SOIL ETC. REMOVED TO BE LOCATED TO REAR OF SITE AND LANDSCAPED INTO EXISTING BUNDS.

issue	date	drawn	notes	check
D	19/08/04	GMH	SERVICE PIT DETAIL ADDED EXT. 1 BUILDING HEIGHT RAISED 150 mm EXTERNAL W/WALLS ADDED TO EXTERIOR OF STEEL AND FOUNDATIONS REVISED PLANNING BOARD EDITS ADDED NOTE TO OFFICE DIMENSIONS ADDED	LB
C	23/07/04	GMH	SUPPORT STEELS FOR EVAPORATORS ADDED GENERAL NOTES AND KEY DETAIL REVISED	LB
B	15/07/04	GMH	GREATER DETAIL ADDED	LB
A	30/06/04	GMH	MINOR REVISIONS	N.M.Q.
ORIGINAL	24/06/04	N.M.Q.	FIRST ISSUE	N.M.Q.

Planning & Development
20 SEP 2004
Ref: CC/11/71/04

DETERMINED
PLAN

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PROJECT
GEEST
PROJECT DAISY
SUTTON BRIDGE

DRAWING
SECTIONS
AS PROPOSED

SCALE	JOB
1:100	04-14
NUMBER	REV
34	D